

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096107.D
 Acq On : 22 Jun 2017 5:19
 Operator : SJ/MA
 Sample : I3759-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 07:21:37 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	68783	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	273415	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	108284	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	170151	20.00	ng	0.00
75) Chrysene-d12	18.27	240	133129	20.00	ng	0.00
86) Perylene-d12	19.94	264	92959	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	581162	134.63	ng	0.03
7) Phenol-d6	6.88	99	680155	131.62	ng	0.00
23) Nitrobenzene-d5	8.22	82	418425	95.04	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	121157	126.46	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	765215	98.34	ng	0.00
78) Terphenyl-d14	16.92	244	585168	109.08	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.56	88	30754	14.98	ng	# 21
3) Pyridine	2.31	79	111771	23.16	ng	99
4) n-Nitrosodimethylamine	2.22	42	90848	49.51	ng	81
6) Aniline	6.82	93	59115	8.74	ng	96
8) 2-Chlorophenol	6.99	128	213008	46.41	ng	96
9) Benzaldehyde	6.62	77	65388	18.76	ng	97
10) Phenol	6.90	94	228359	42.60	ng	93
11) bis(2-Chloroethyl)ether	6.94	93	202548	47.70	ng	96
12) 1,3-Dichlorobenzene	7.19	146	222961	42.92	ng	99
13) 1,4-Dichlorobenzene	7.32	146	226942	43.08	ng	94
14) 1,2-Dichlorobenzene	7.55	146	213957	44.05	ng	94
15) Benzyl Alcohol	7.61	79	149959	42.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.79	45	274576	46.02	ng	98
17) 2-Methylphenol	7.85	107	172497	44.78	ng	94
18) Hexachloroethane	8.06	117	60178	34.59	ng	# 87
19) n-Nitroso-di-n-propylamine	8.03	70	149190	45.56	ng	93
20) 3+4-Methylphenols	8.13	107	224560	45.93	ng	# 58
22) Acetophenone	7.99	105	299913	46.86	ng	# 83
24) Nitrobenzene	8.25	77	210184	44.69	ng	94
25) Isophorone	8.65	82	368954	44.88	ng	96
26) 2-Nitrophenol	8.76	139	88175	35.81	ng	99
27) 2,4-Dimethylphenol	8.92	122	185557	48.55	ng	98
28) bis(2-Chloroethoxy)methane	9.03	93	244698	45.16	ng	99
29) 2,4-Dichlorophenol	9.21	162	155628	42.28	ng	96
30) 1,2,4-Trichlorobenzene	9.26	180	167144	43.64	ng	98
31) Naphthalene	9.36	128	604127	44.03	ng	100
32) Benzoic acid	9.29	122	45549	22.15	ng	96
33) 4-Chloroaniline	9.56	127	20512	3.82	ng	94
34) Hexachlorobutadiene	9.57	225	84320	42.61	ng	96
35) Caprolactam	10.16	113	35015	31.97	ng	91
36) 4-Chloro-3-methylphenol	10.41	107	165014	42.83	ng	86
37) 2-Methylnaphthalene	10.49	142	403331	43.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	151388	46.71	ng	98
40) Hexachlorocyclopentadiene	10.73	237	1632	12.62	ng	91

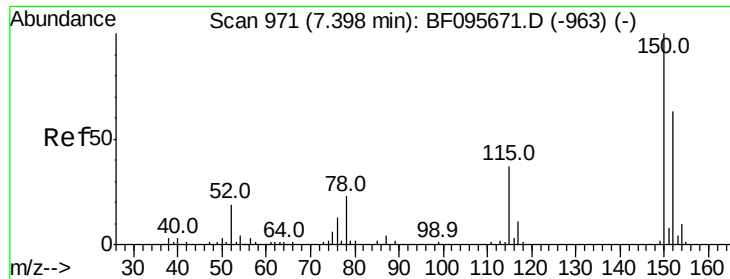
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	99377	47.69	nq	94
43) 2,4,5-Trichlorophenol	11.12	196	97218	43.86	nq	94
45) 1,1'-Biphenyl	11.25	154	435878	48.84	nq	98
46) 2-Chloronaphthalene	11.27	162	325470	46.67	nq	97
47) 2-Nitroaniline	11.50	65	100000	49.01	nq	# 78
48) Acenaphthylene	11.92	152	489493	41.05	nq	98
49) Dimethylphthalate	11.81	163	400971	48.77	nq	98
50) 2,6-Dinitrotoluene	11.91	165	69764	38.90	nq	# 64
51) Acenaphthene	12.20	154	292119	42.42	nq	97
52) 3-Nitroaniline	12.19	138	55894	26.75	nq	86
53) 2,4-Dinitrophenol	12.49	184	2086	8.36	nq	# 1
54) Dibenzofuran	12.49	168	447045	46.12	nq	98
55) 4-Nitrophenol	12.66	139	59310	50.43	nq	# 79
56) 2,4-Dinitrotoluene	12.59	165	88912	36.71	nq	# 90
57) Fluorene	13.04	166	349594	41.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.75	232	67670	44.62	nq	# 87
59) Diethylphthalate	12.95	149	375913	47.51	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	158468	43.20	nq	89
61) 4-Nitroaniline	13.18	138	83490	42.80	nq	92
62) Azobenzene	13.32	77	313929	43.78	nq	95
64) 4,6-Dinitro-2-methylphenol	13.31	198	3145	2.81	nq	# 1
65) n-Nitrosodiphenylamine	13.28	169	271109	44.34	nq	99
66) 4-Bromophenyl-phenylether	13.85	248	86270	48.79	nq	98
67) Hexachlorobenzene	13.93	284	82235	47.19	nq	# 87
68) Atrazine	14.20	200	61160	35.94	nq	96
69) Pentachlorophenol	14.31	266	41165	63.76	nq	95
70) Phenanthrene	14.57	178	466506	47.52	nq	98
71) Anthracene	14.66	178	475532	46.40	nq	97
72) Carbazole	14.97	167	437633	43.81	nq	97
73) Di-n-butylphthalate	15.56	149	549290	51.69	nq	98
74) Fluoranthene	16.36	202	484100	49.82	nq	99
76) Benzidine	16.61	184	51417	10.06	nq	# 92
77) Pyrene	16.67	202	493686	49.70	nq	99
79) Butylbenzylphthalate	17.59	149	232531	53.60	nq	88
80) Benzo(a)anthracene	18.26	228	369731	47.77	nq	99
81) 3,3'-Dichlorobenzidine	18.25	252	33830	12.29	nq	96
82) Chrysene	18.30	228	356487	46.09	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	326259	53.31	nq	# 99
84) Di-n-octyl phthalate	19.11	149	528200	52.38	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	248790	37.59	nq	99
87) Benzo(b)fluoranthene	19.54	252	282465	48.53	nq	96
88) Benzo(k)fluoranthene	19.56	252	273036	49.07	nq	96
89) Benzo(a)pyrene	19.89	252	252020	47.11	nq	97
90) Dibenzo(a,h)anthracene	21.10	278	209958	46.26	nq	98
91) Benzo(g,h,i)perylene	21.43	276	204058	44.10	nq	97

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

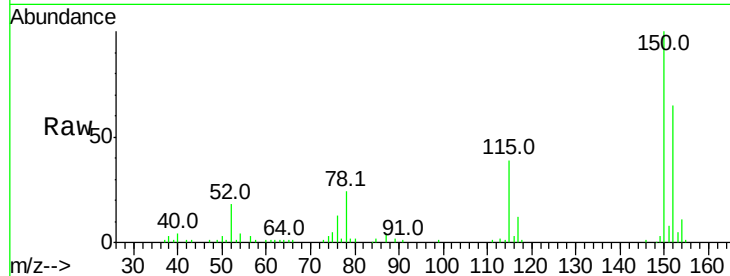


#1

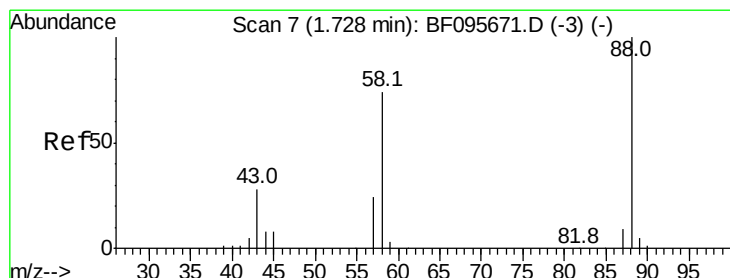
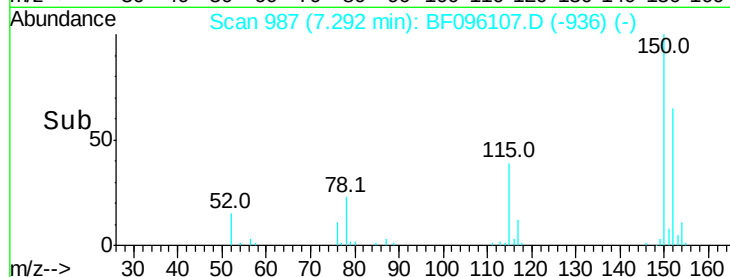
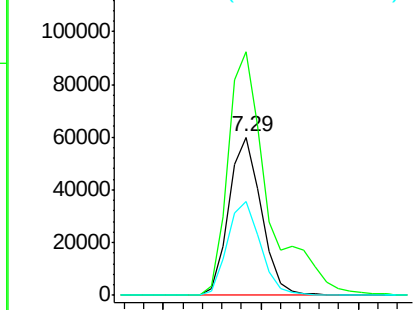
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68783
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 59.5 52.2 78.2



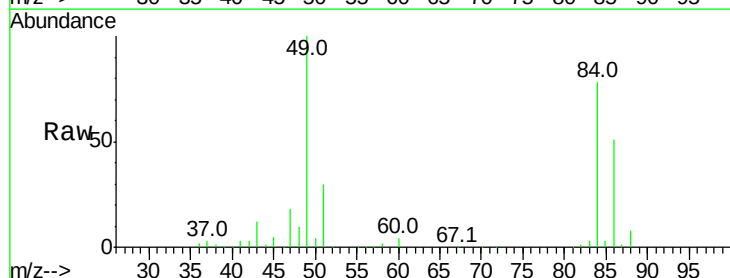
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



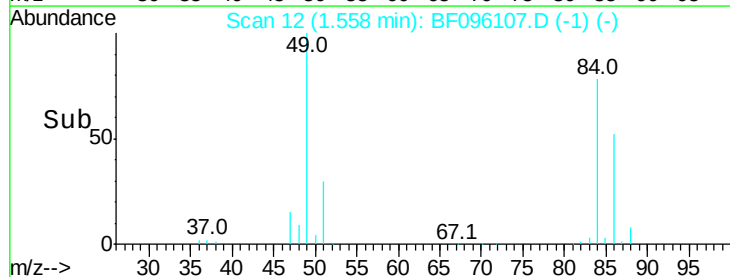
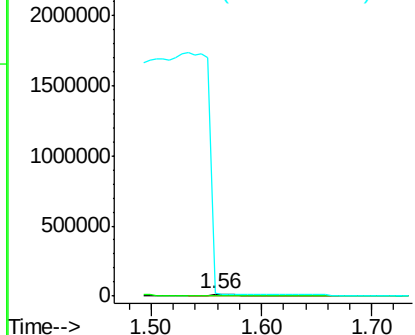
#2

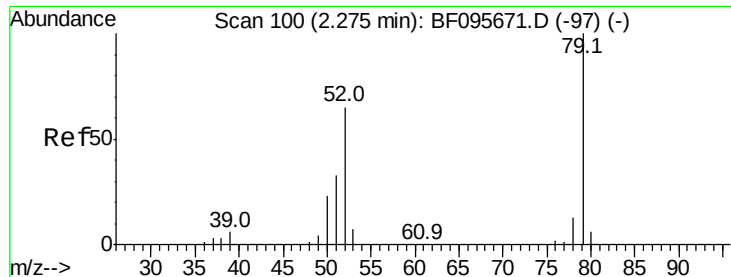
1,4-Dioxane
Concen: 14.98 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion: 88 Resp: 30754
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: 23.16 ng

RT: 2.31 min Scan# 140

Delta R.T. 0.18 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampled :

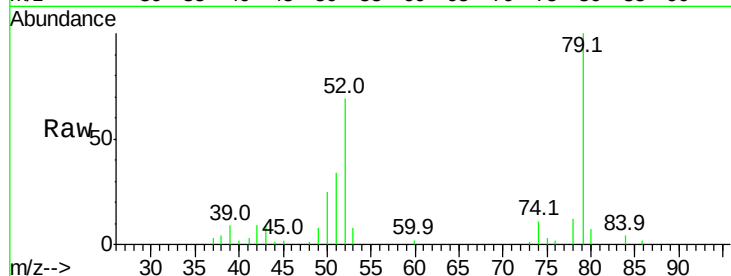
Tot Ion: 79 Resp: 111771

Ion Ratio Lower Upper

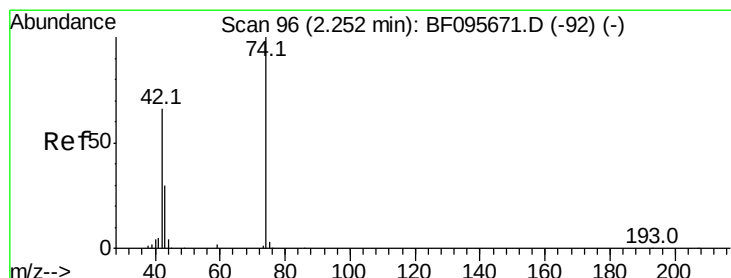
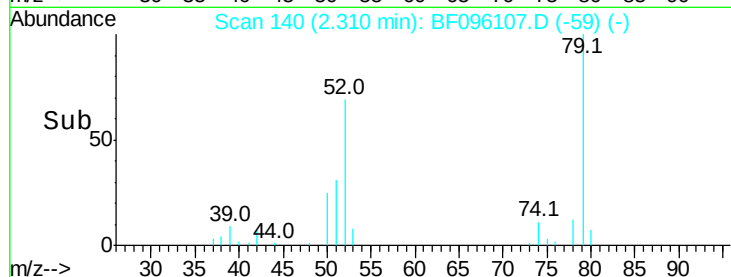
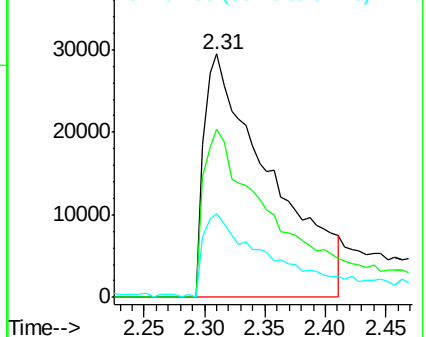
79 100

52 69.0 54.8 82.2

51 34.5 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: 49.51 ng

RT: 2.22 min Scan# 125

Delta R.T. 0.11 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

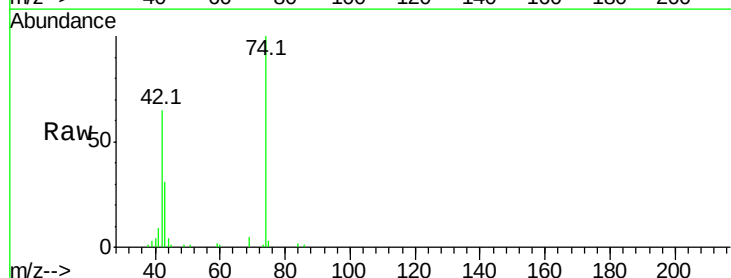
Tgt Ion: 42 Resp: 90848

Ion Ratio Lower Upper

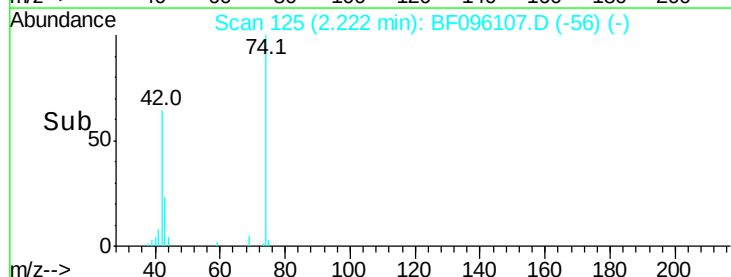
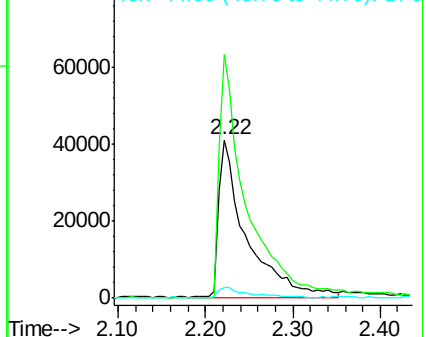
42 100

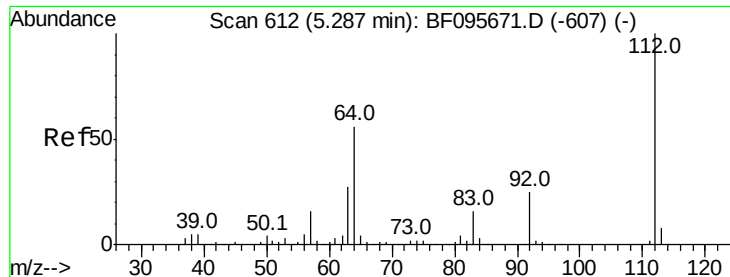
74 153.7 103.9 155.9

44 6.9 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: 134.63 ng

RT: 5.21 min Scan# 633

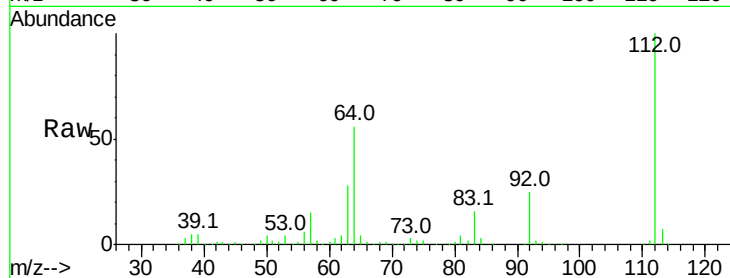
Delta R.T. 0.03 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :
BNA_F
ClientSampled :

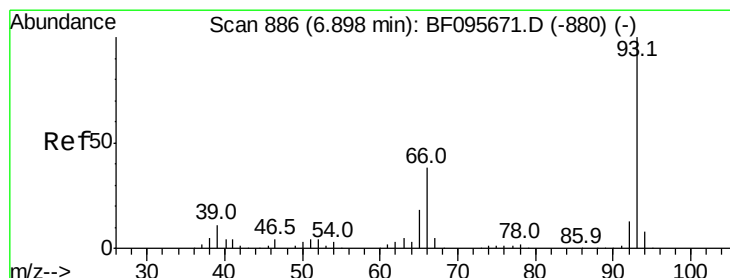
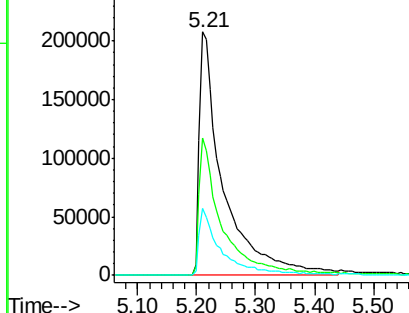
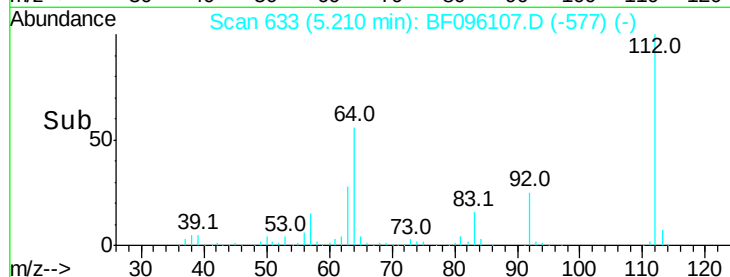
Tot Ion:	112	Resp:	581162
Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	27.6	23.4	35.0



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: 8.74 ng

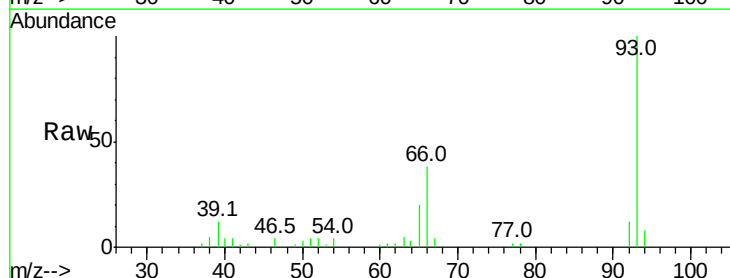
RT: 6.82 min Scan# 906

Delta R.T. 0.02 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

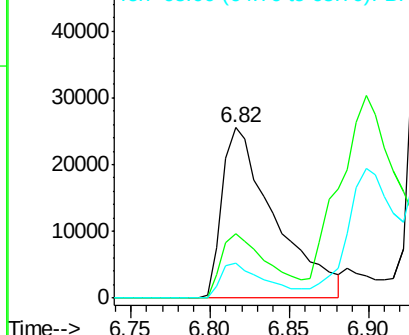
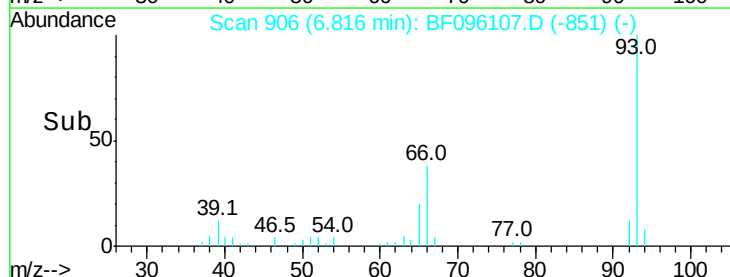
Tgt Ion:	93	Resp:	59115
Ion	Ratio	Lower	Upper
93	100		
66	37.7	32.9	49.3
65	20.3	16.0	24.0

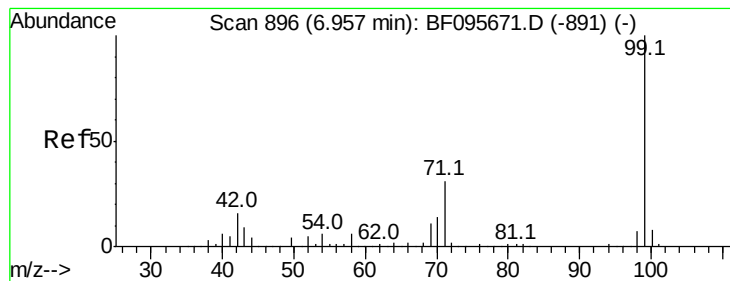


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.62 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

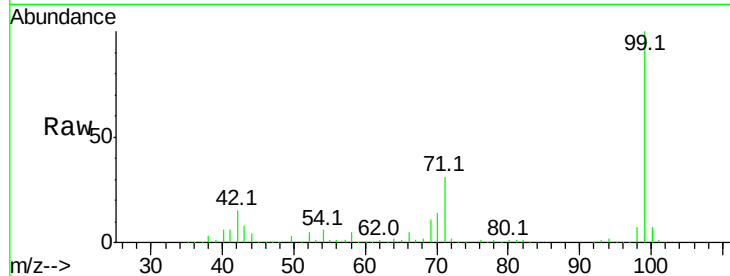
Tot Ion: 99 Resp: 680155

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

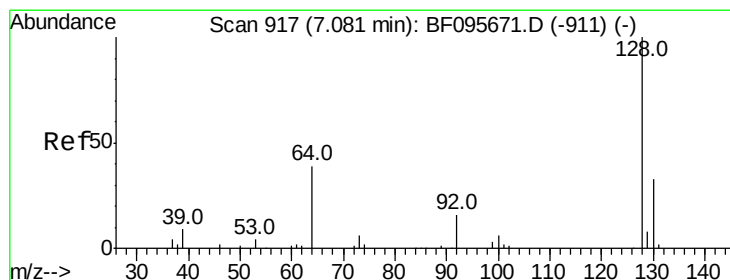
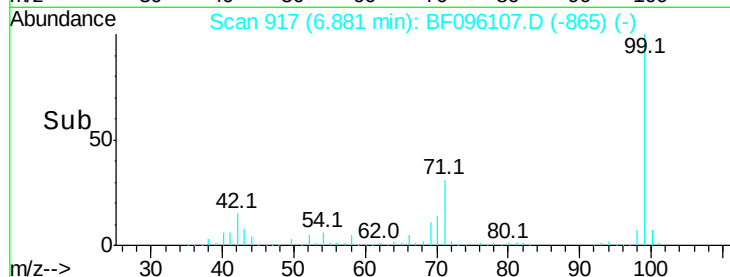
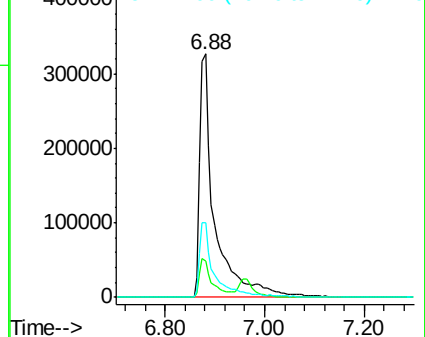
71 30.6 24.5 36.7



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: 46.41 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

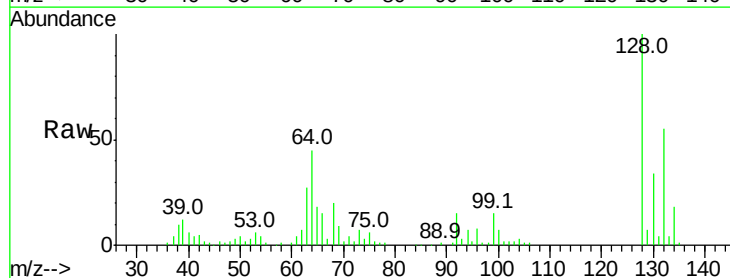
Tgt Ion:128 Resp: 213008

Ion Ratio Lower Upper

128 100

130 34.0 12.9 52.9

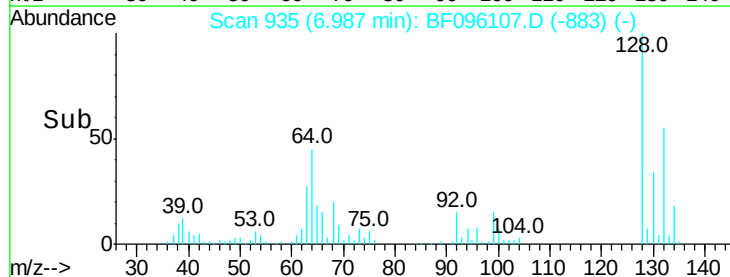
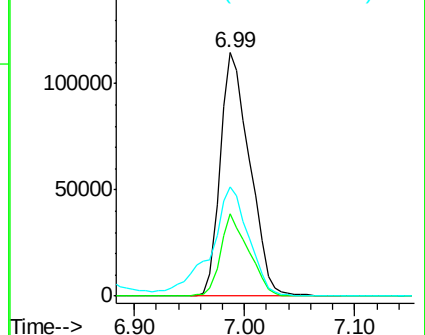
64 45.0 28.4 68.4

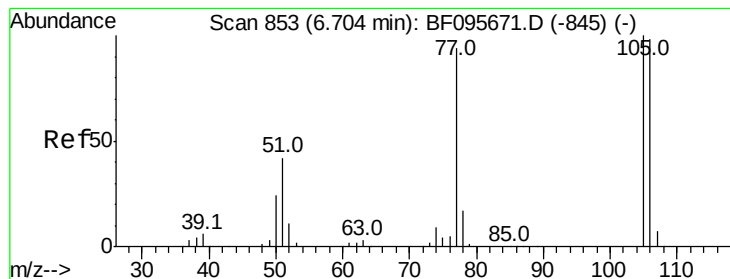


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.76 ng

RT: 6.62 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampled :

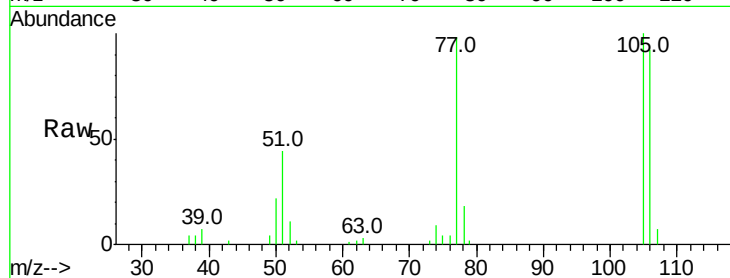
Tot Ion: 77 Resp: 65388

Ion Ratio Lower Upper

77 100

105 101.8 83.8 123.8

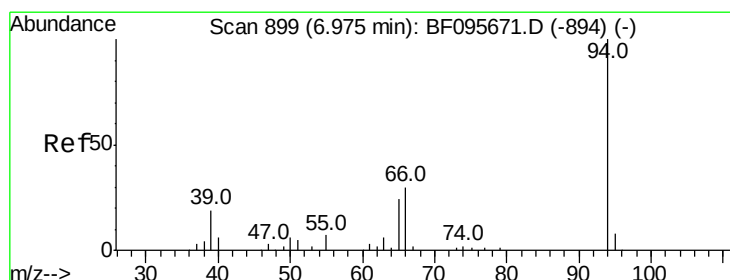
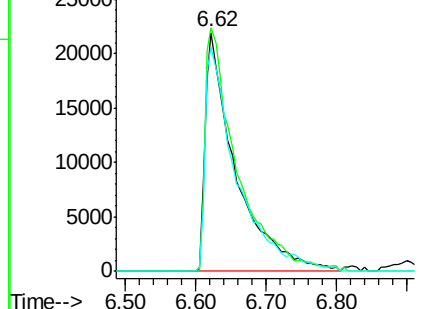
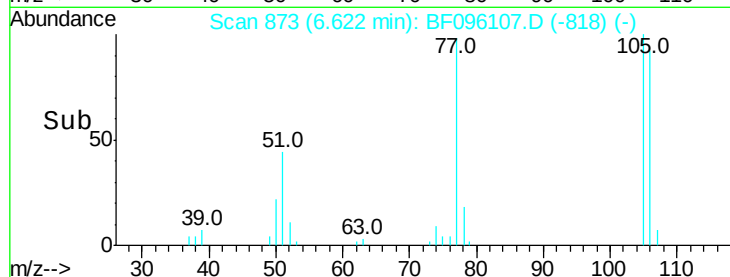
106 94.0 79.1 119.1



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: 42.60 ng

RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

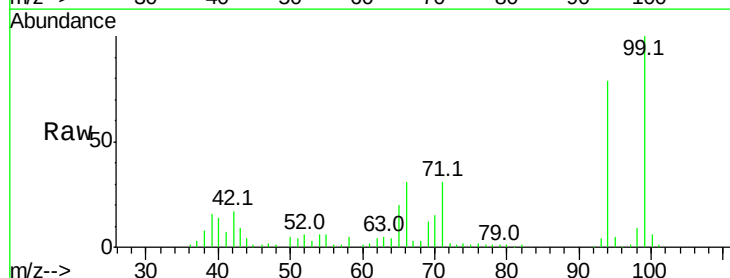
Tgt Ion: 94 Resp: 228359

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

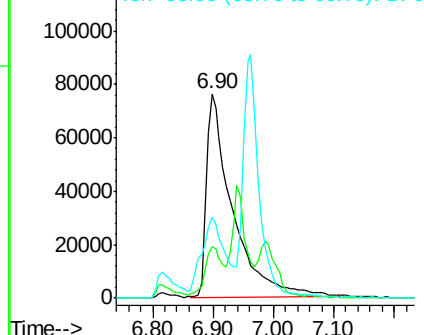
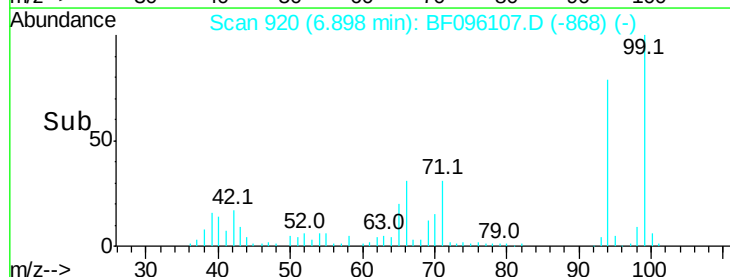
66 39.7 23.1 63.1

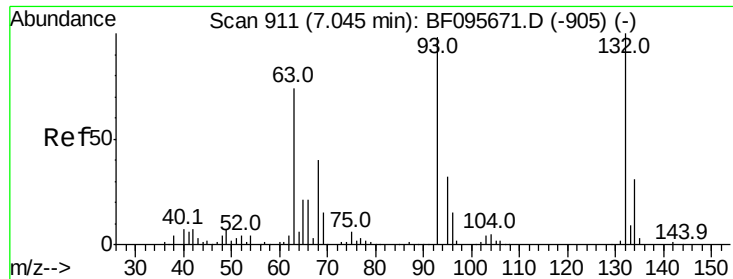


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

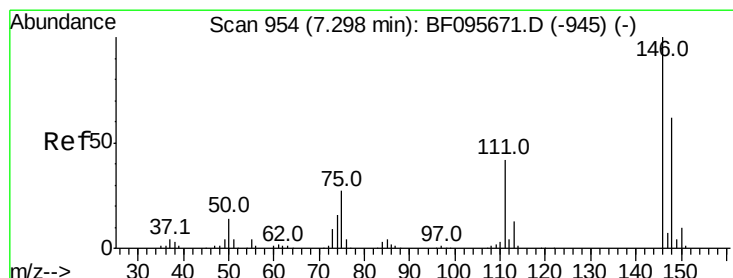
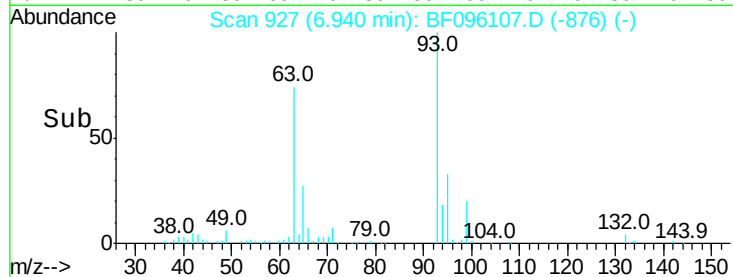
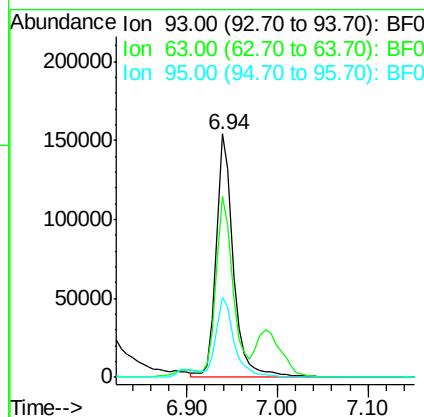
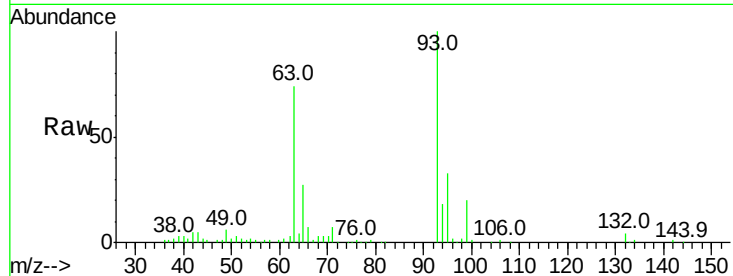




#11
bis(2-Chloroethyl)ether
Concen: 47.70 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

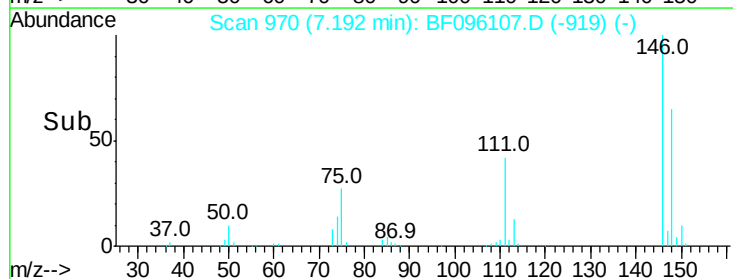
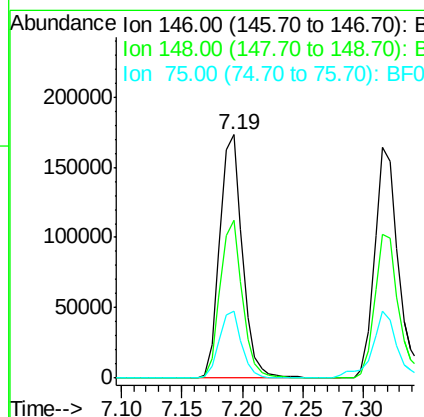
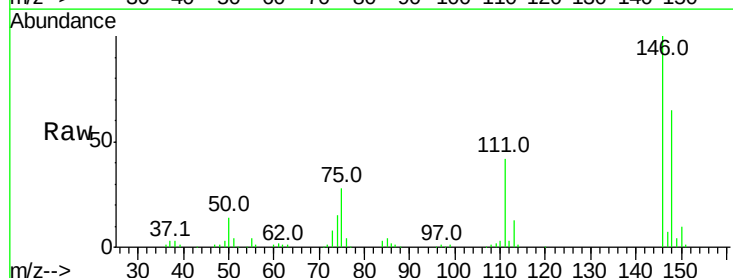
Instrument :
BNA_F
ClientSampleId :

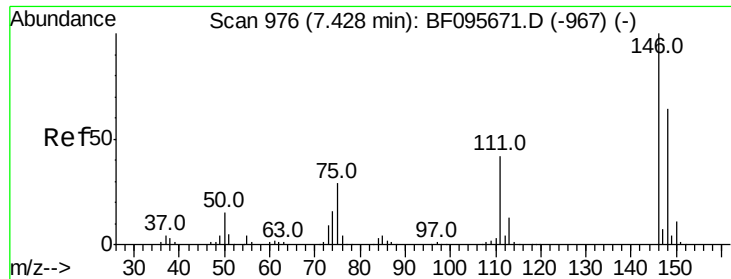
Tot Ion: 93 Resp: 202548
Ion Ratio Lower Upper
93 100
63 74.4 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.92 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion: 146 Resp: 222961
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 27.7 23.1 34.7

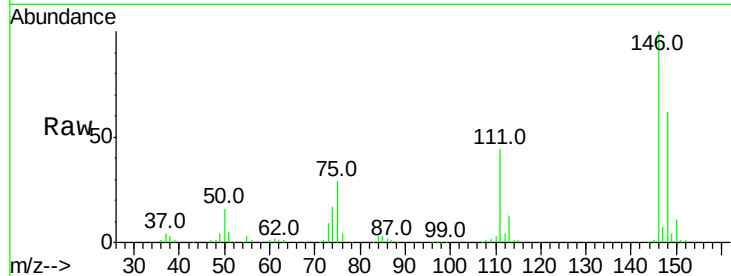




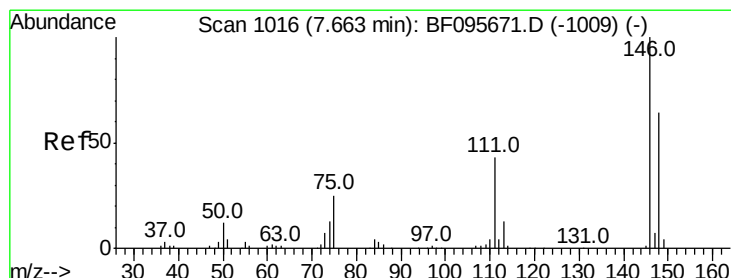
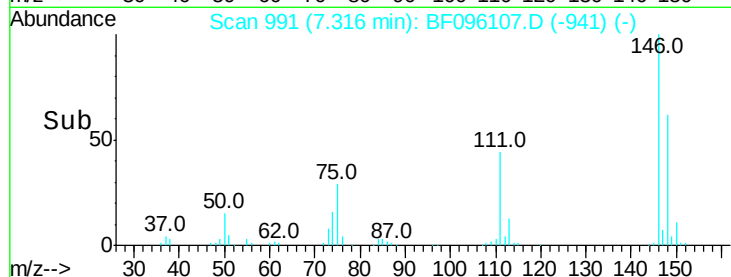
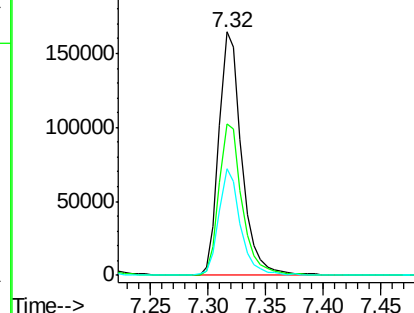
#13
 1,4-Dichlorobenzene
 Concen: 43.08 ng
 RT: 7.32 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 226942
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.2
 111 43.6 30.3 45.5

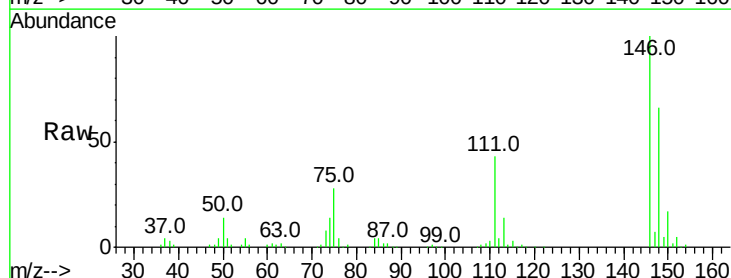


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

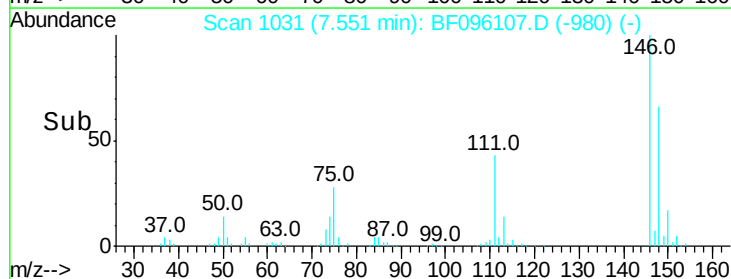
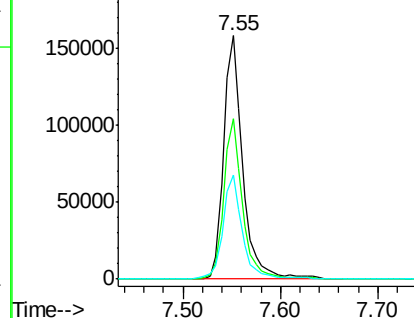


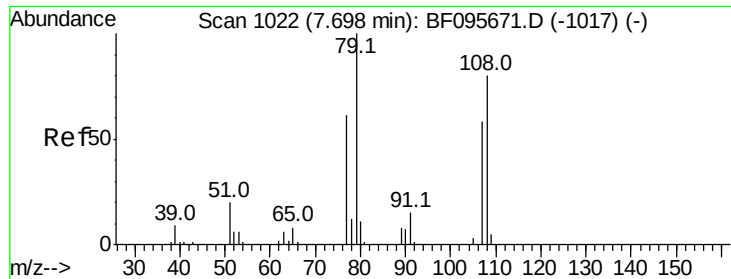
#14
 1,2-Dichlorobenzene
 Concen: 44.05 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:146 Resp: 213957
 Ion Ratio Lower Upper
 146 100
 148 66.1 50.4 75.6
 111 42.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.28 ng

RT: 7.61 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

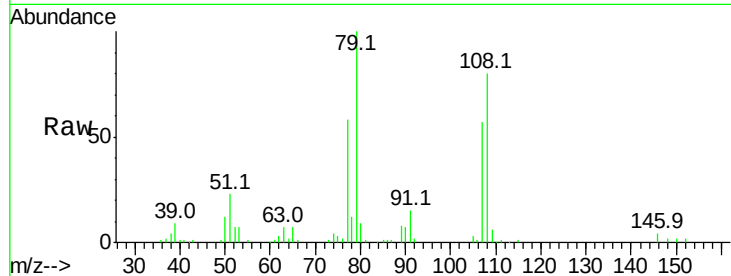
Tot Ion: 79 Resp: 149959

Ion Ratio Lower Upper

79 100

108 79.7 63.4 95.0

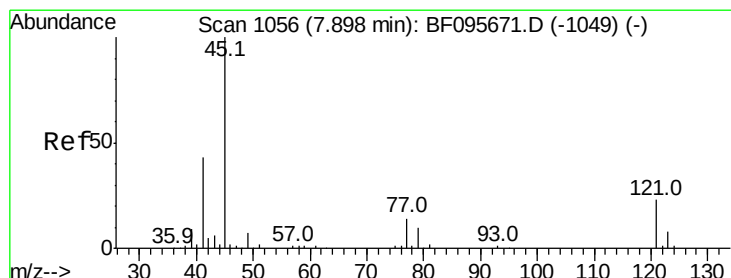
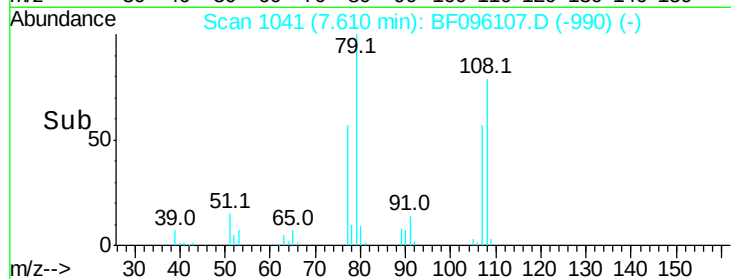
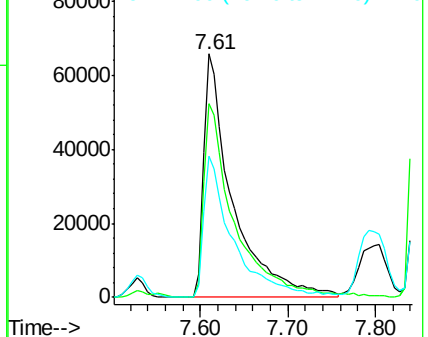
77 58.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.02 ng

RT: 7.79 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

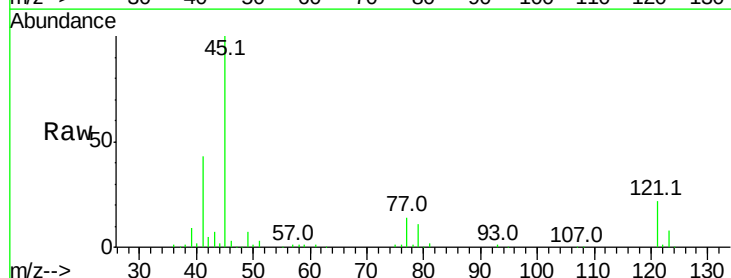
Tgt Ion: 45 Resp: 274576

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

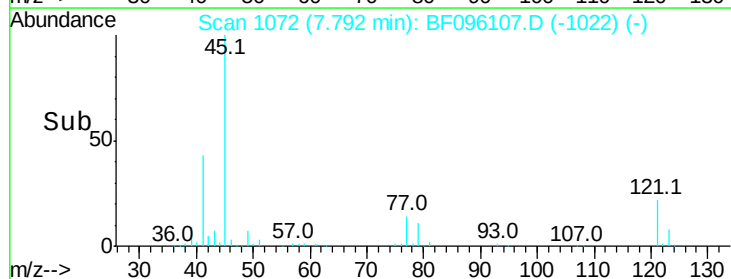
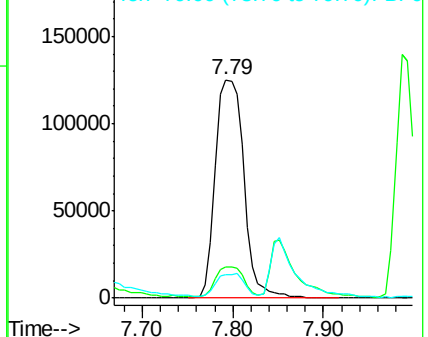
79 10.6 0.0 30.0

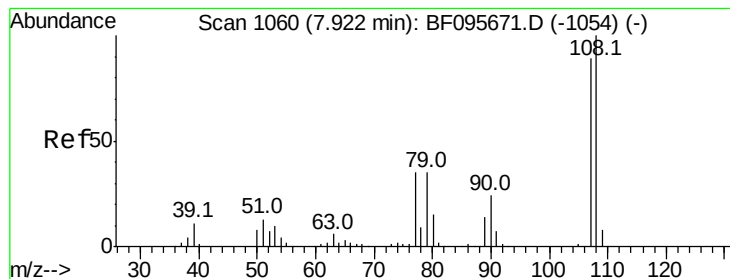


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

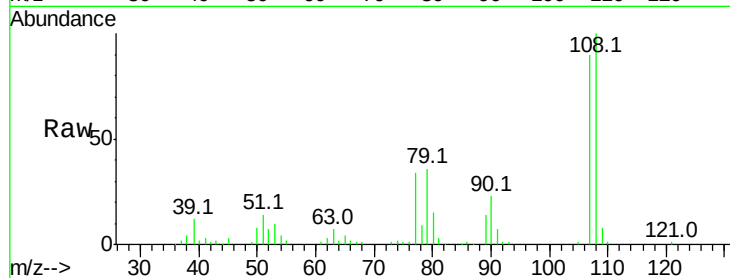




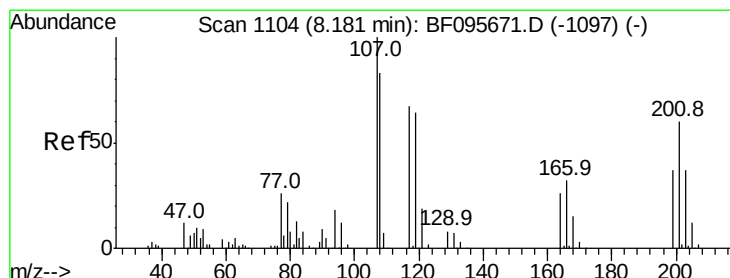
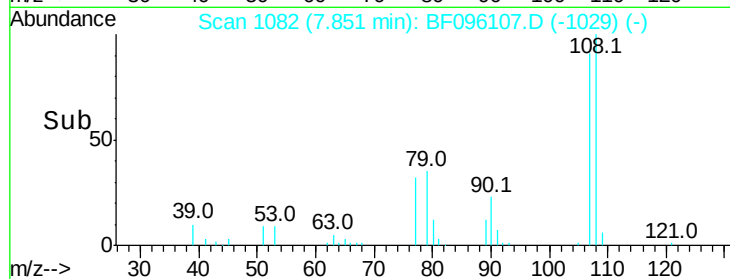
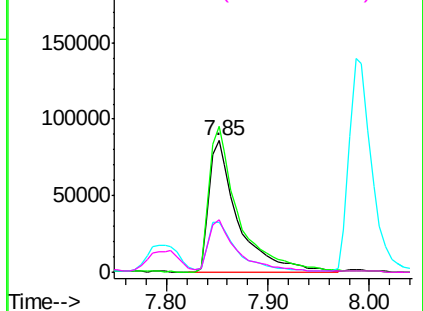
#17
2-Methylphenol
Concen: 44.78 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	172497
Ion	Ratio	Lower	Upper
107	100		
108	111.4	93.4	140.0
77	38.4	35.8	53.6
79	40.2	34.8	52.2

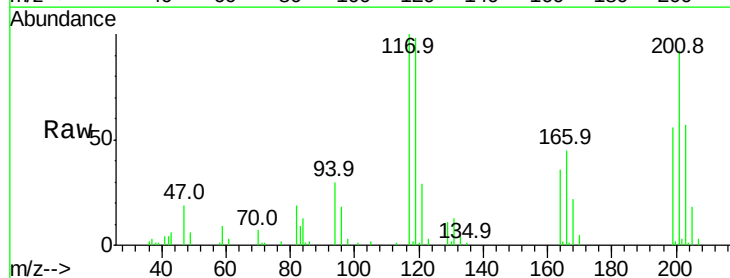


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

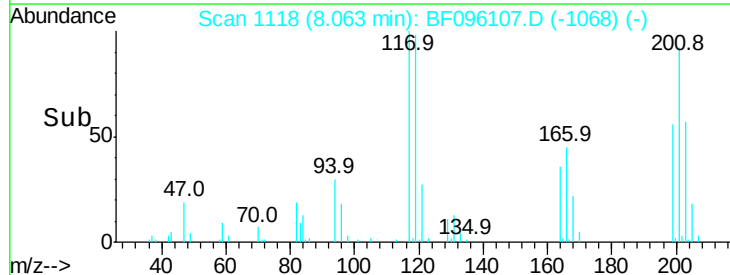
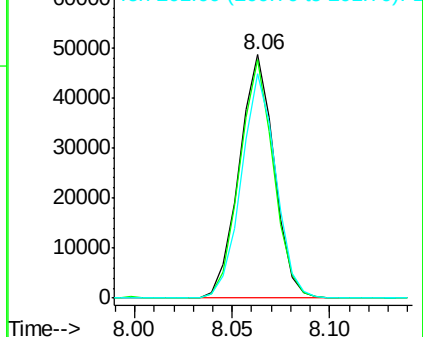


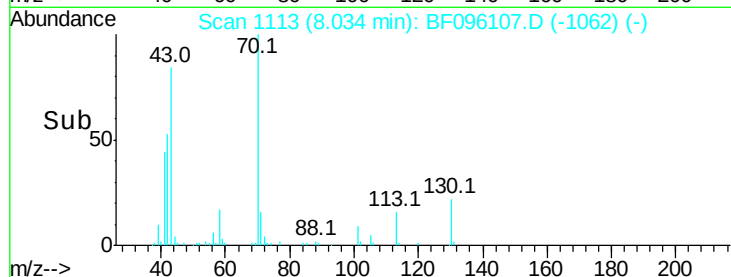
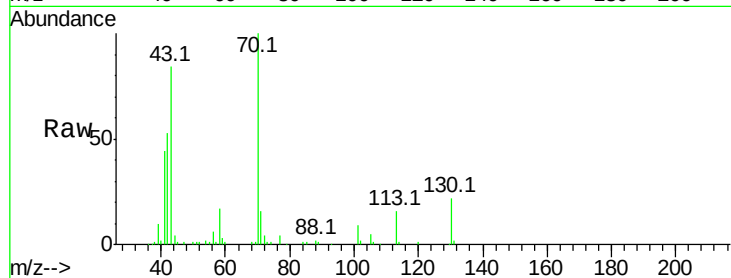
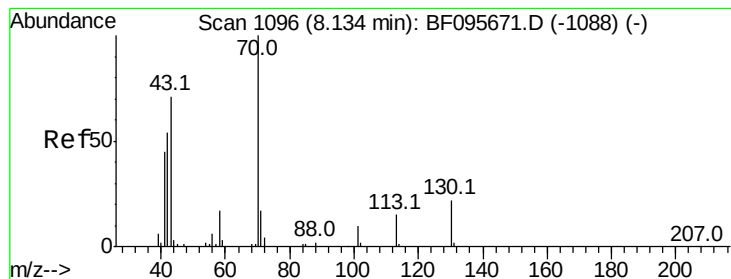
#18
Hexachloroethane
Concen: 34.59 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:	117	Resp:	60178
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	92.3	94.6	141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.56 ng

RT: 8.03 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 149190

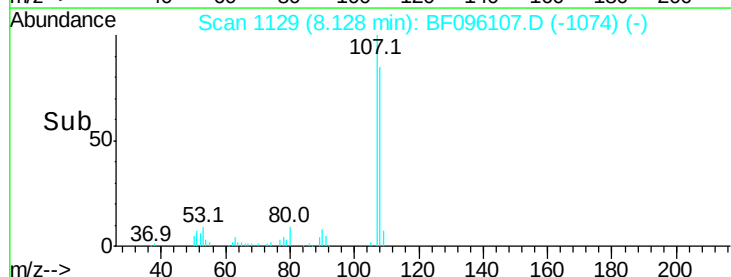
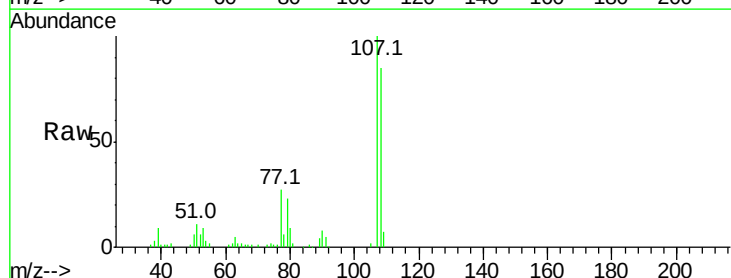
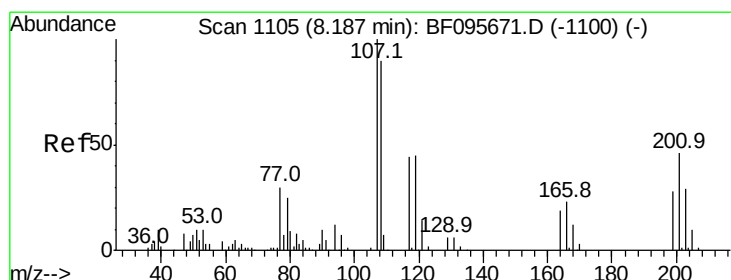
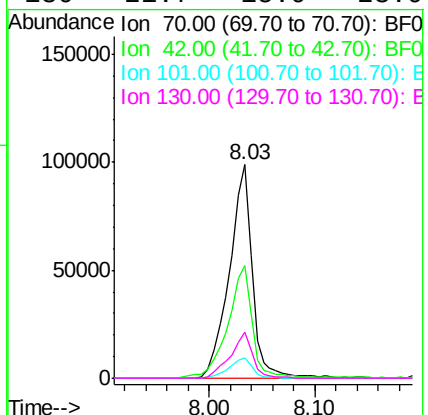
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	9.4	7.2	10.8
130	21.7	15.9	23.9

70 100

42 52.6 47.2 70.8

101 9.4 7.2 10.8

130 21.7 15.9 23.9



#20

3+4-Methylphenols

Concen: 45.93 ng

RT: 8.13 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Tgt Ion: 107 Resp: 224560

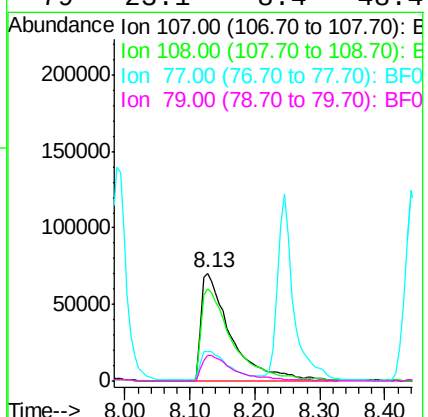
Ion	Ratio	Lower	Upper
107	100		
108	84.8	71.0	111.0
77	27.3	90.5	130.5#
79	23.1	8.4	48.4

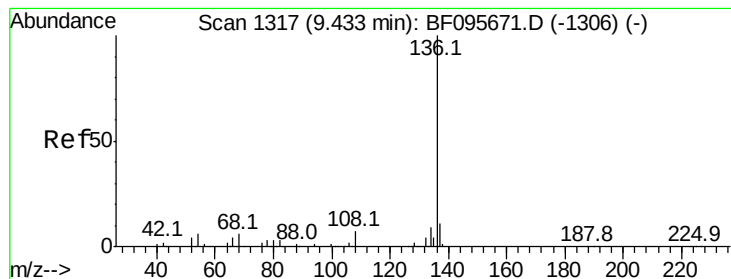
107 100

108 84.8 71.0 111.0

77 27.3 90.5 130.5#

79 23.1 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: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 273415

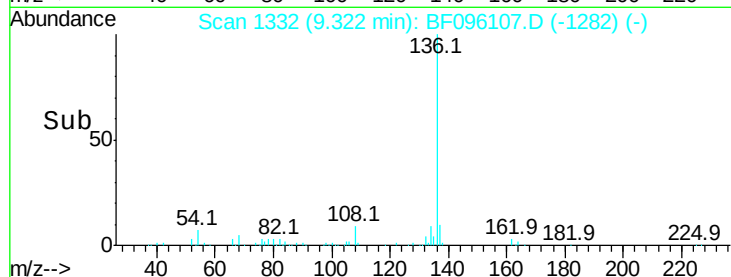
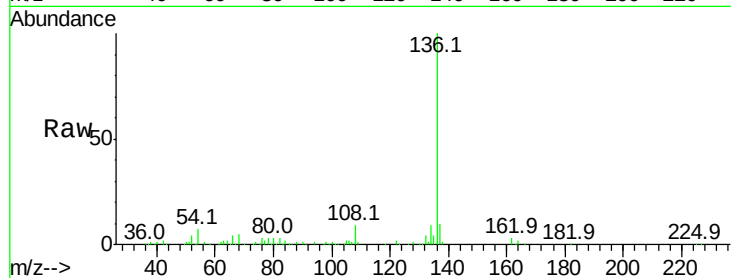
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

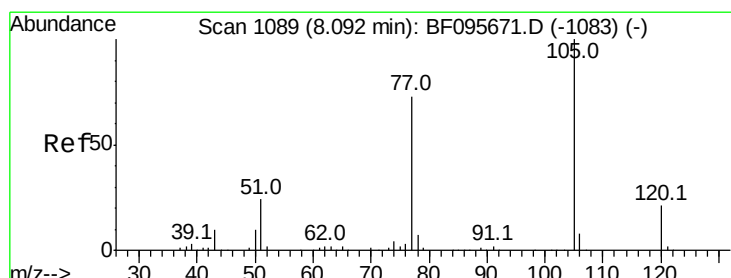
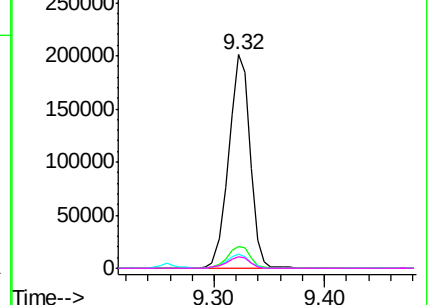


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.86 ng

RT: 7.99 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Tgt Ion:105 Resp: 299913

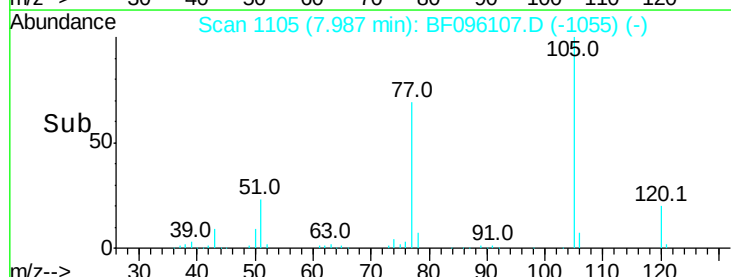
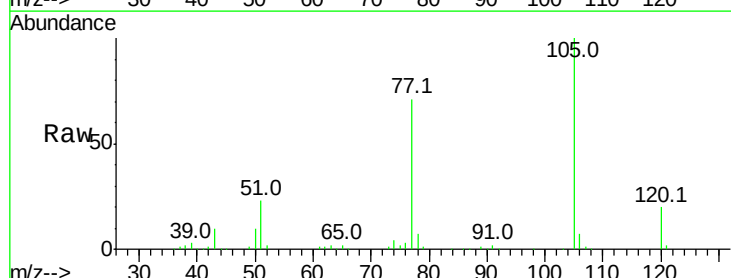
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.4 30.7 46.1#

120 20.3 17.4 26.0

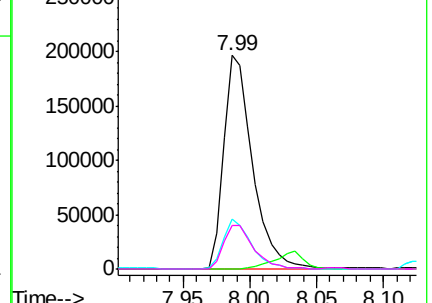


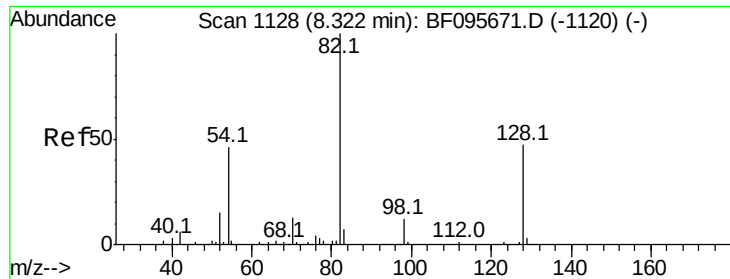
Abundance Ion 105.00 (104.70 to 105.70): E

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

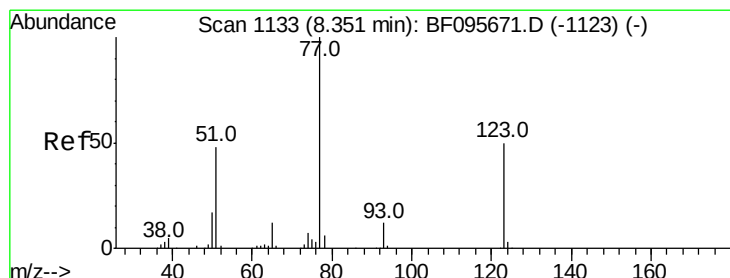
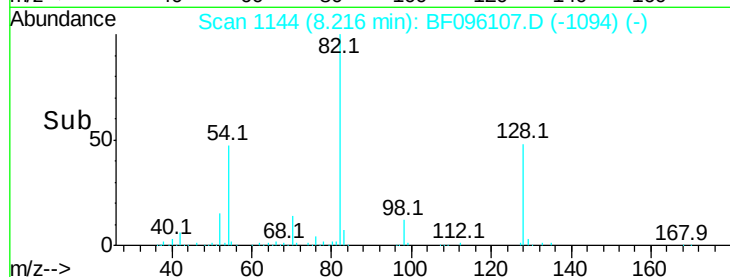
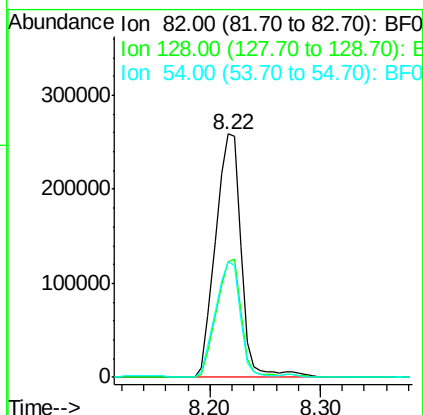
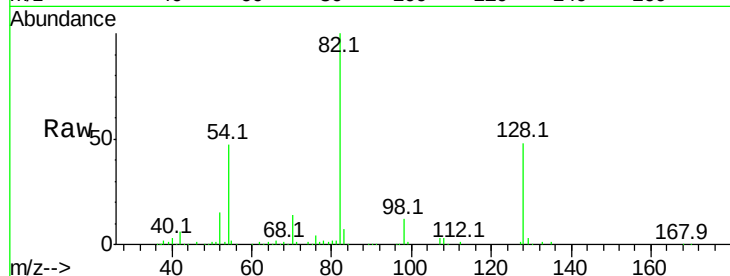




#23
 Nitrobenzene-d5
 Concen: 95.04 ng
 RT: 8.22 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

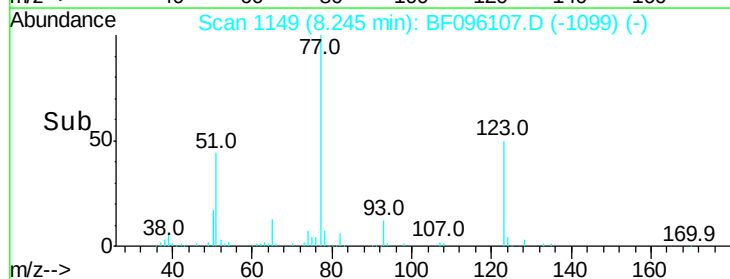
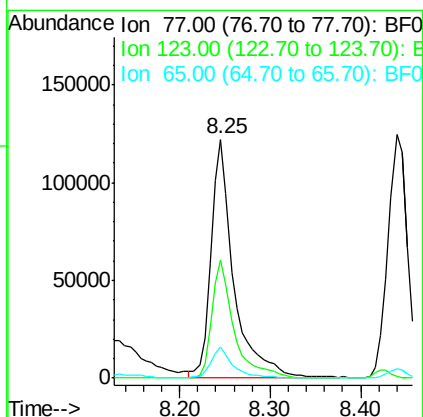
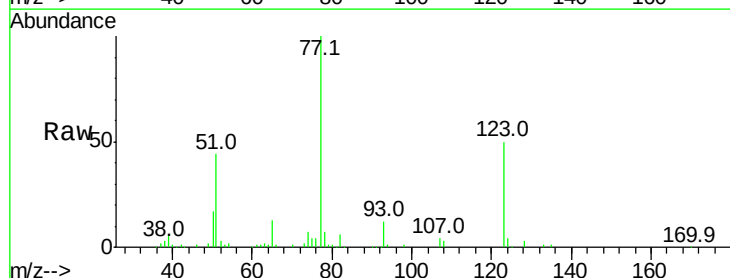
Instrument :
 BNA_F
 ClientSampleId :

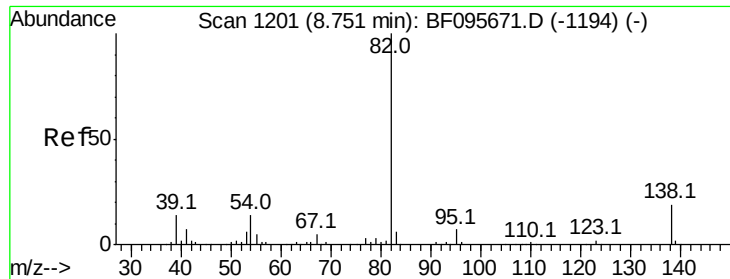
Tot Ion: 82 Resp: 418425
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.5 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.69 ng
 RT: 8.25 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion: 77 Resp: 210184
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 44.88 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampled :

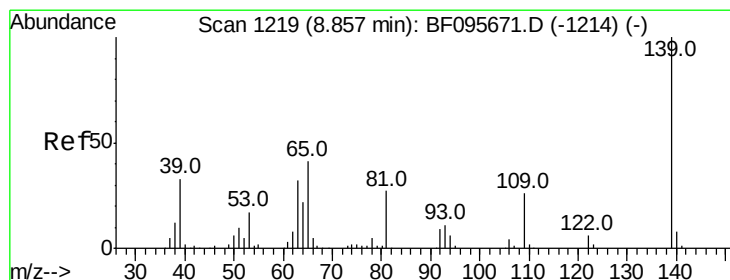
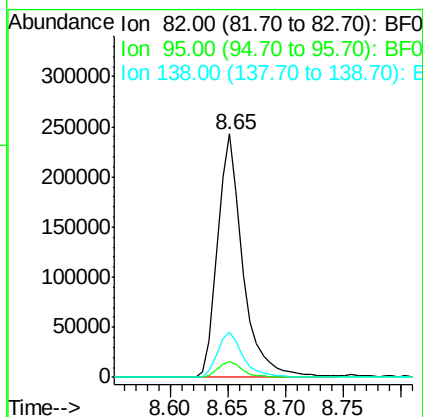
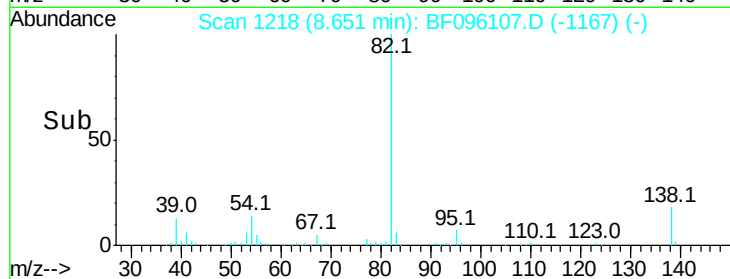
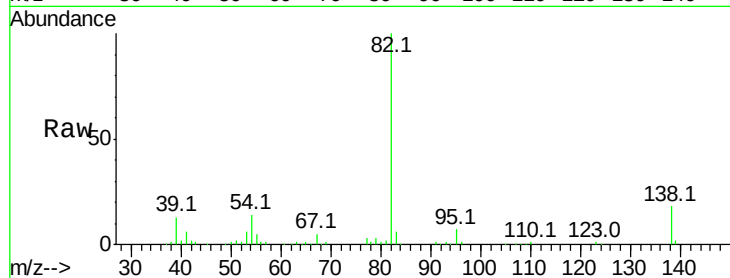
Tot Ion: 82 Resp: 368954

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 35.81 ng

RT: 8.76 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

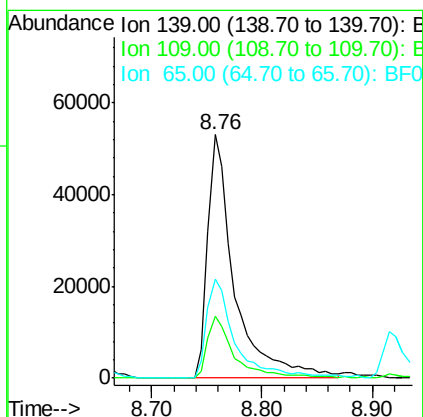
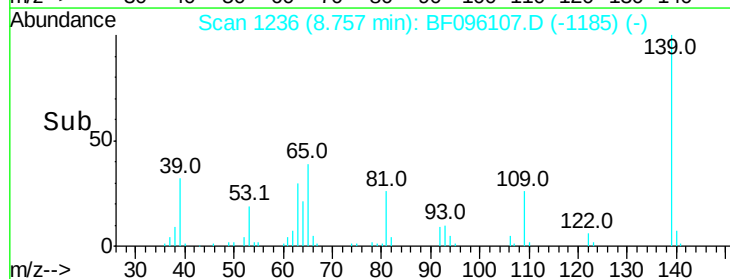
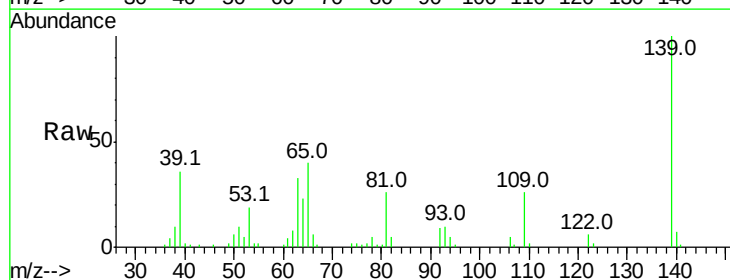
Tgt Ion:139 Resp: 88175

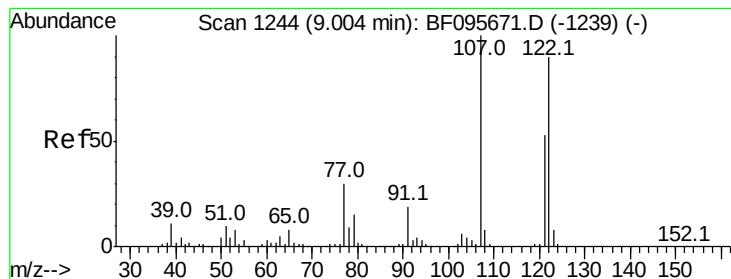
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 40.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.55 ng

RT: 8.92 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

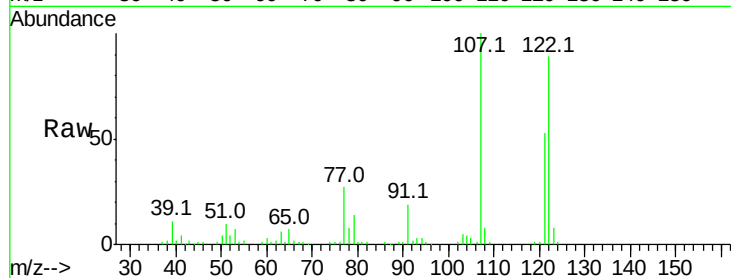
Tot Ion:122 Resp: 185557

Ion Ratio Lower Upper

122 100

107 111.8 89.2 133.8

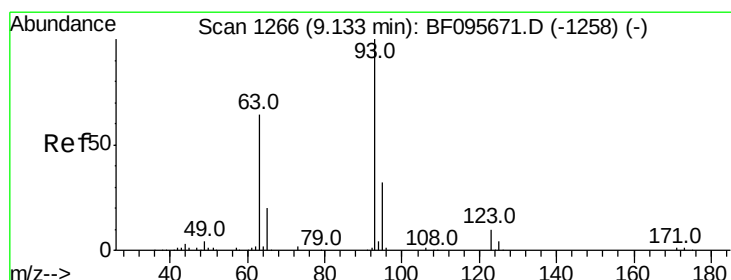
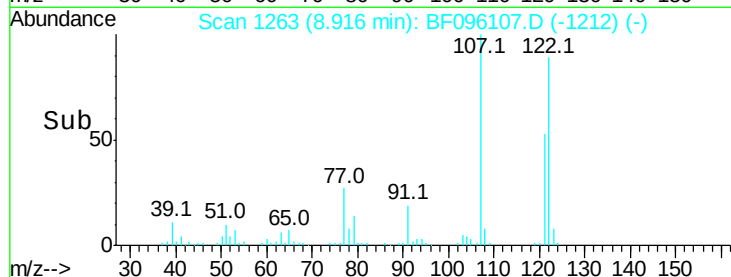
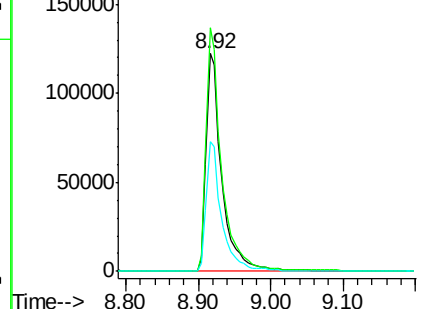
121 59.5 45.2 67.8



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: 45.16 ng

RT: 9.03 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

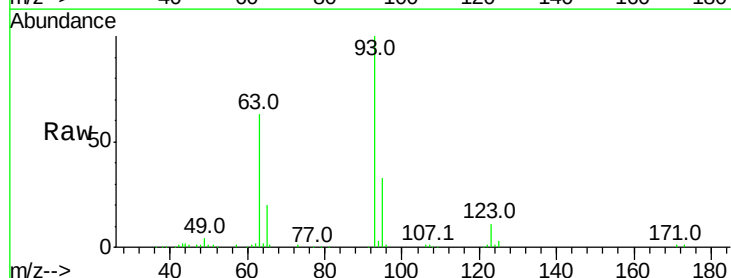
Tgt Ion: 93 Resp: 244698

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

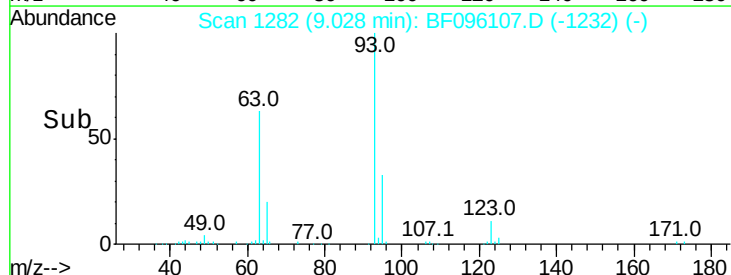
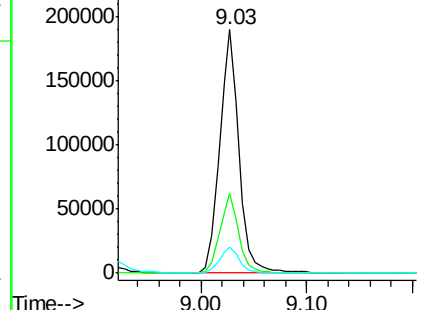
123 10.7 9.0 13.4

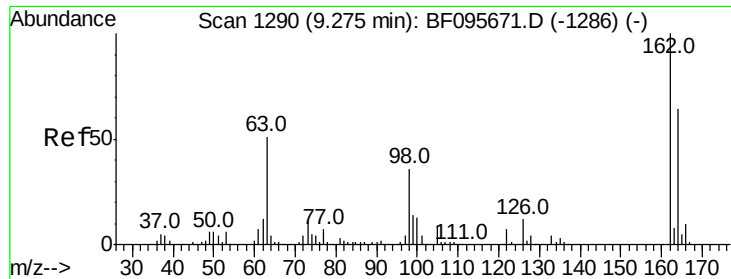


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

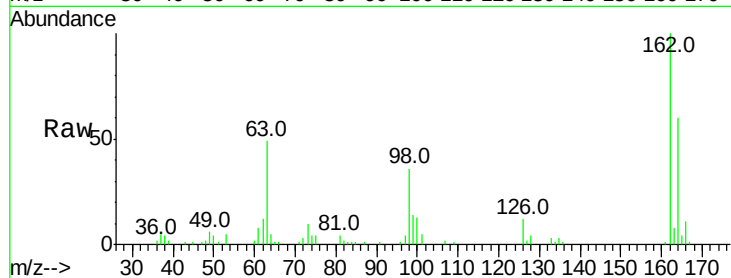




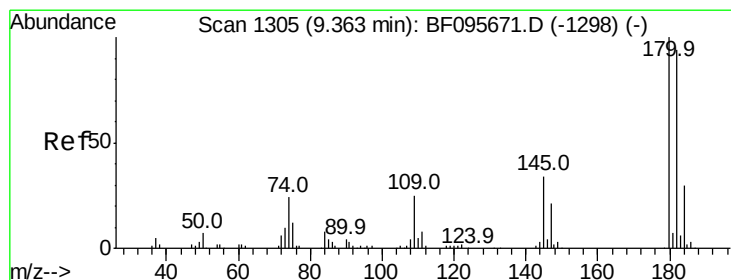
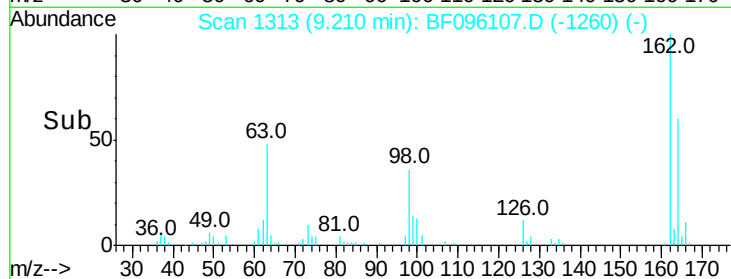
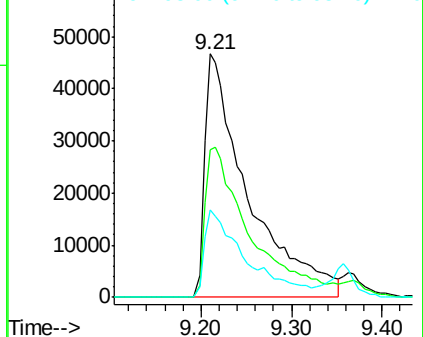
#29
 2,4-Dichlorophenol
 Concen: 42.28 ng
 RT: 9.21 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	44.6	84.6
98	35.7	14.8	54.8

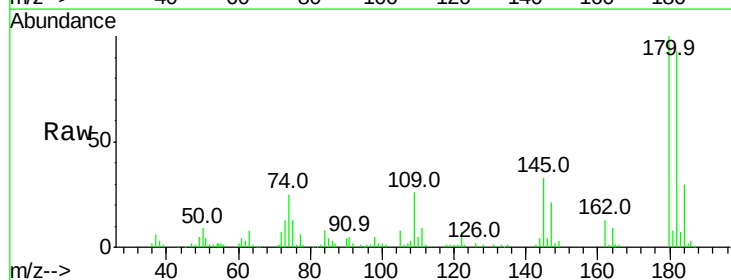


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

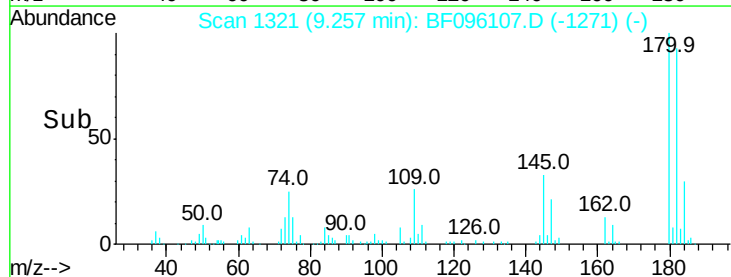
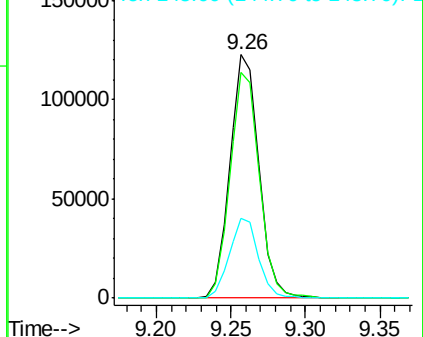


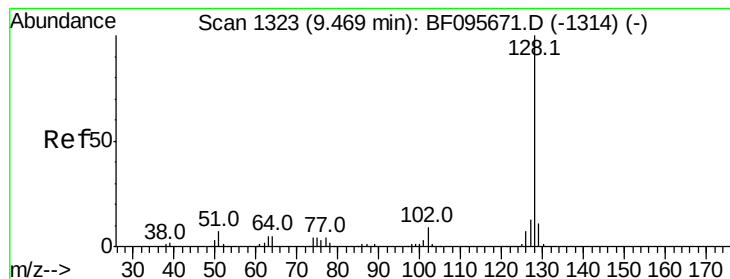
#30
 1,2,4-Trichlorobenzene
 Concen: 43.64 ng
 RT: 9.26 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.8	113.6
145	32.7	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: 44.03 ng

RT: 9.36 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

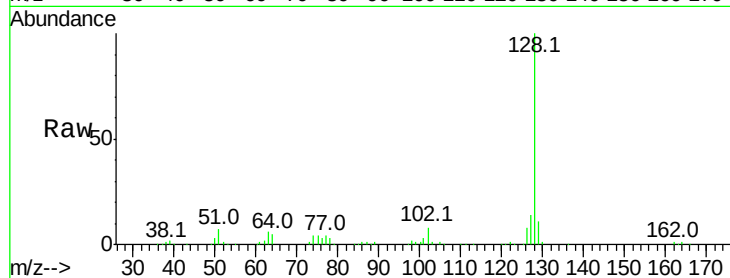
Tot Ion:128 Resp: 604127

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

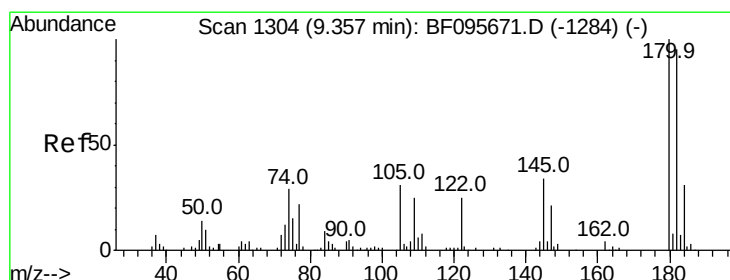
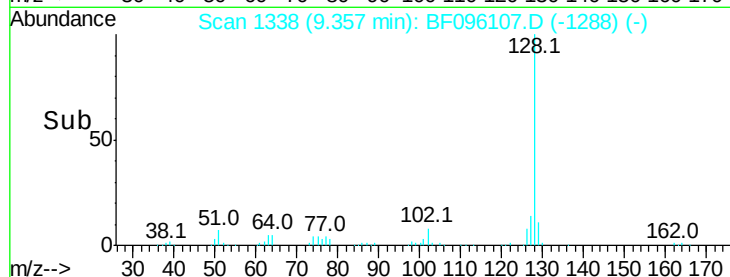
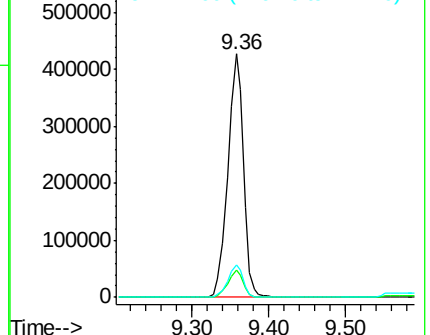
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.15 ng

RT: 9.29 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

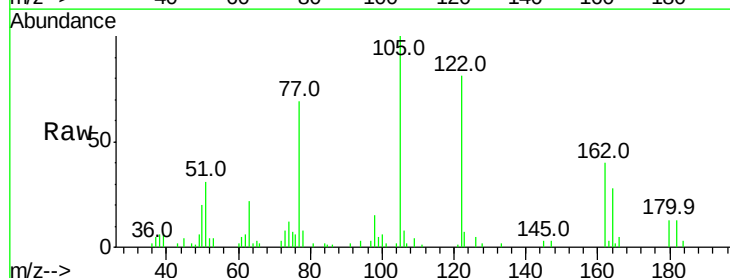
Tgt Ion:122 Resp: 45549

Ion Ratio Lower Upper

122 100

105 123.3 103.3 143.3

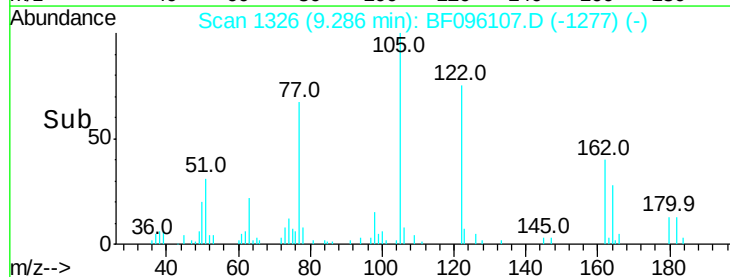
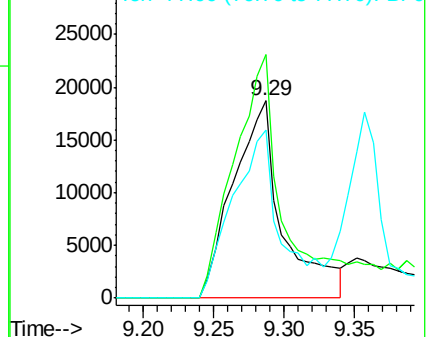
77 84.9 73.7 113.7

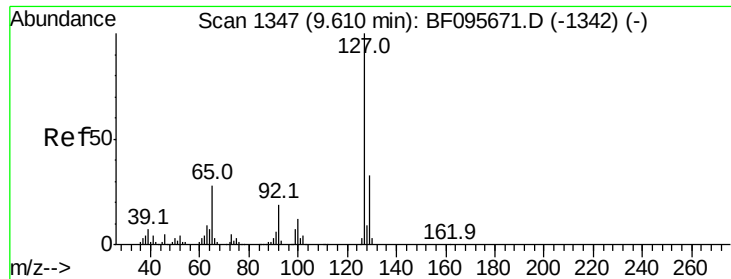


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

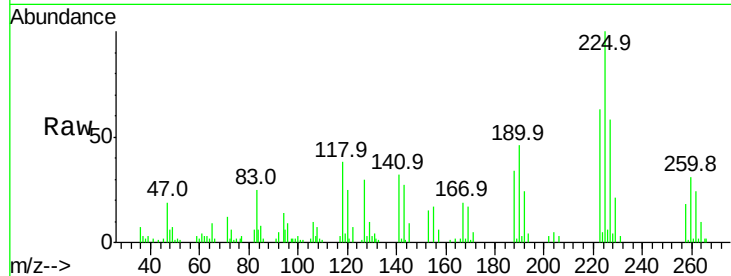




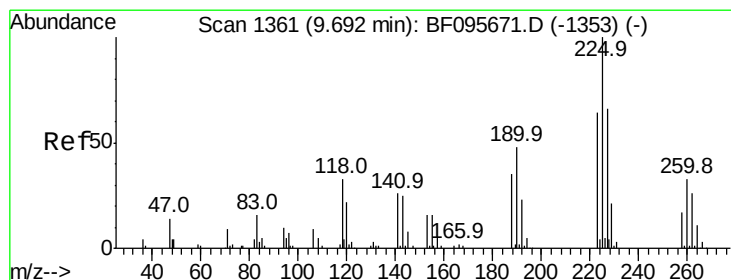
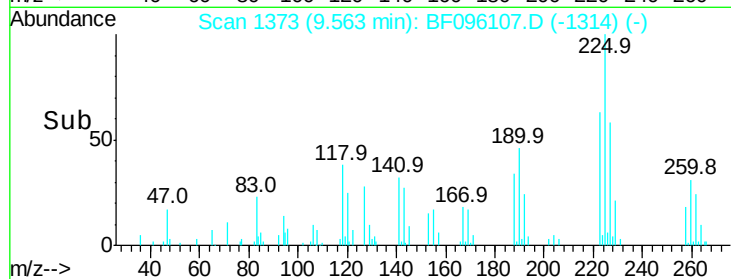
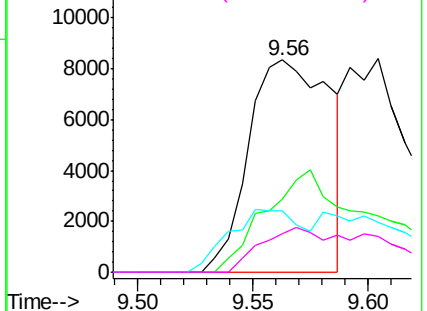
#33
4-Chloroaniline
Concen: 3.82 ng
RT: 9.56 min Scan# 1373
Delta R.T. 0.05 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	20512
Ion Ratio	Lower	Upper
127	100	
129	34.2	26.2 39.2
65	29.1	27.8 41.8
92	18.4	16.8 25.2

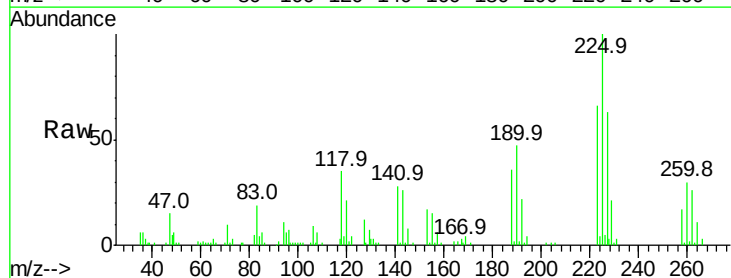


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

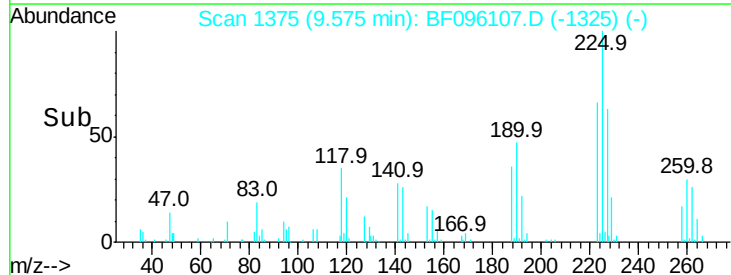
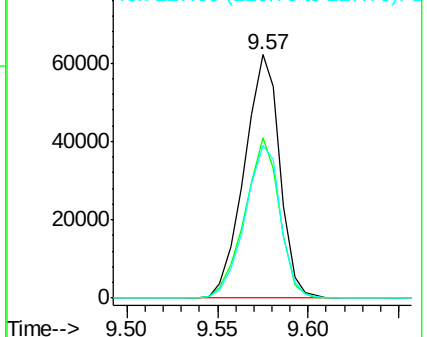


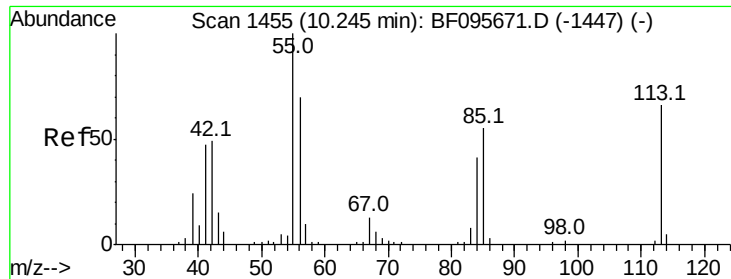
#34
Hexachlorobutadiene
Concen: 42.61 ng
RT: 9.57 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:225	Resp:	84320
Ion Ratio	Lower	Upper
225	100	
223	65.6	48.8 73.2
227	62.6	51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.97 ng

RT: 10.16 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampled :

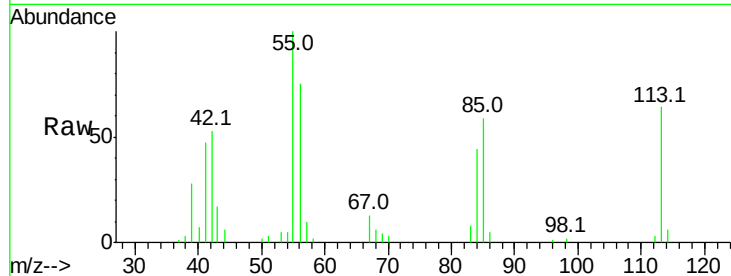
Tot Ion:113 Resp: 35015

Ion Ratio Lower Upper

113 100

55 157.2 150.2 190.2

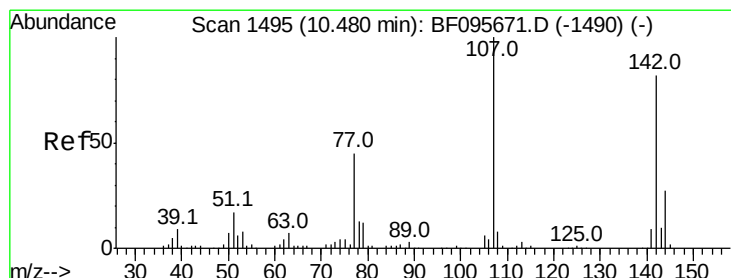
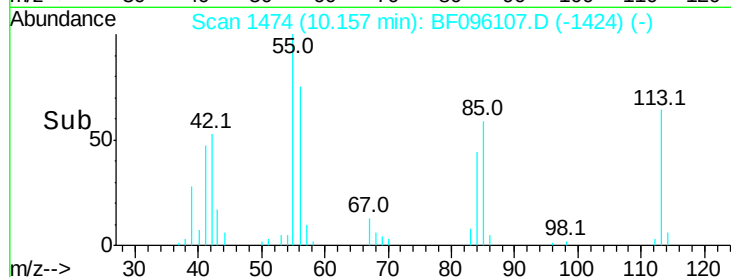
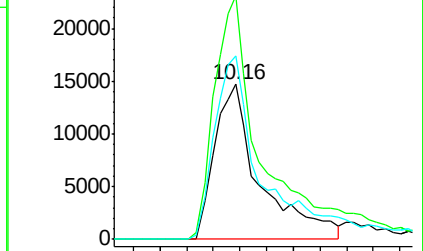
56 118.1 107.8 147.8



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: 42.83 ng

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

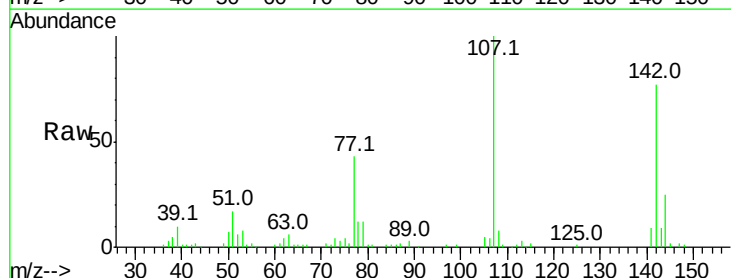
Tgt Ion:107 Resp: 165014

Ion Ratio Lower Upper

107 100

144 24.7 24.2 36.4

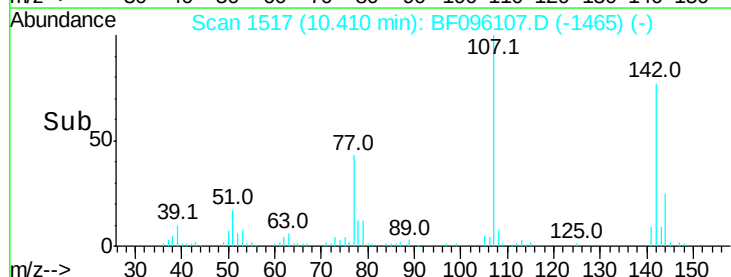
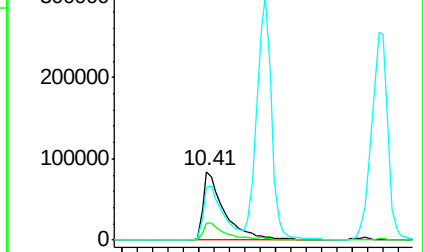
142 76.8 73.4 110.0

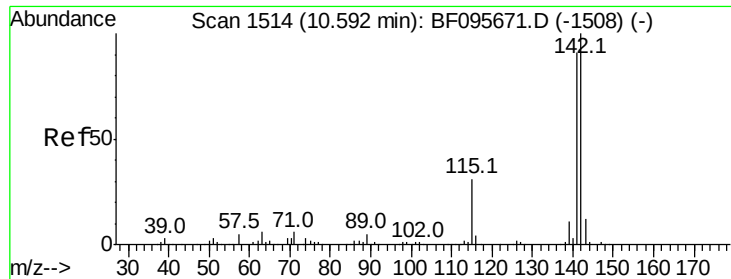


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

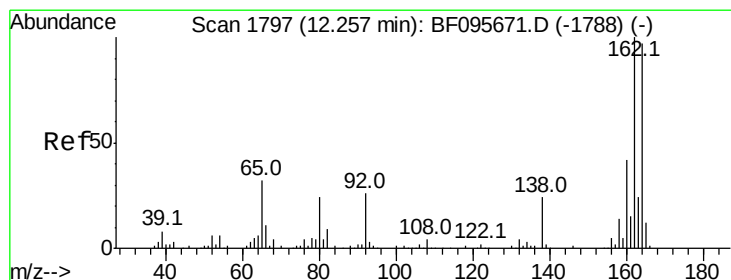
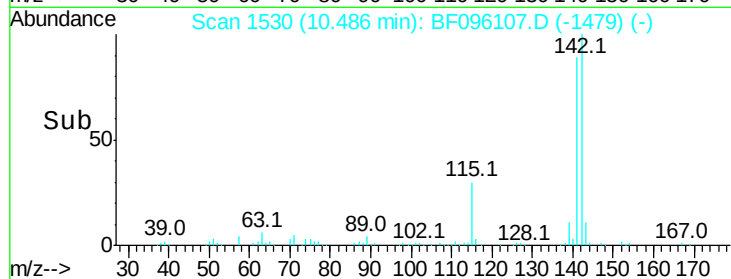
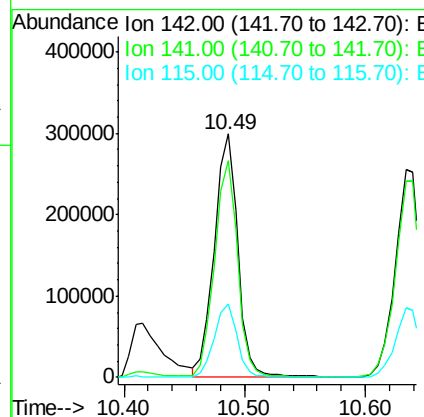
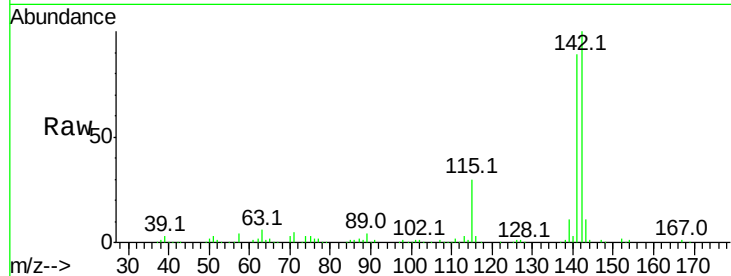




#37
 2-Methylnaphthalene
 Concen: 43.50 ng
 RT: 10.49 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

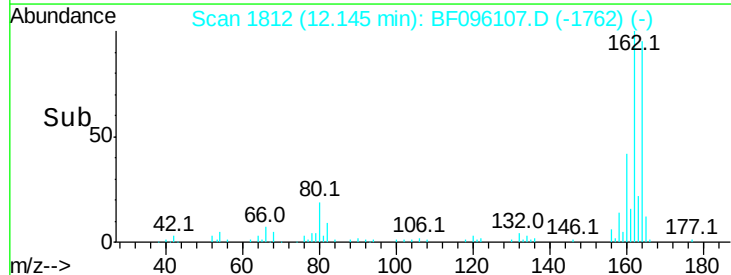
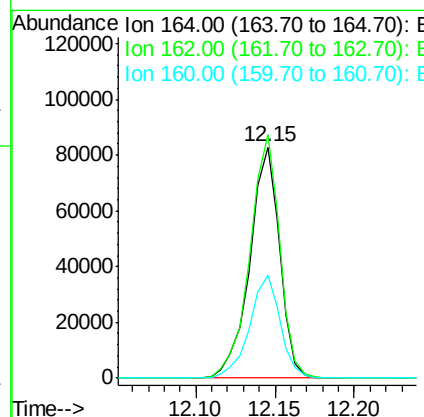
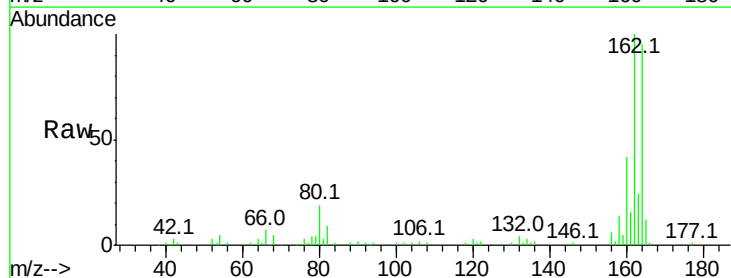
Instrument :
 BNA_F
 ClientSampleId :

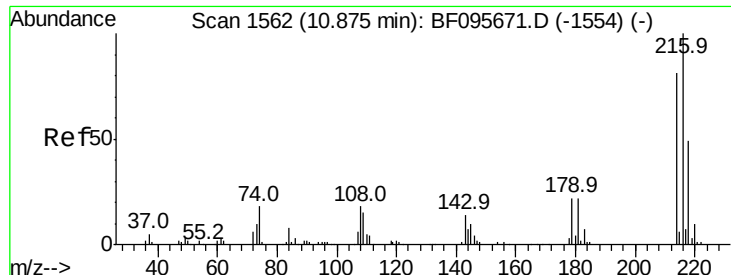
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	30.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	44.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.71 ng

RT: 10.77 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 151388

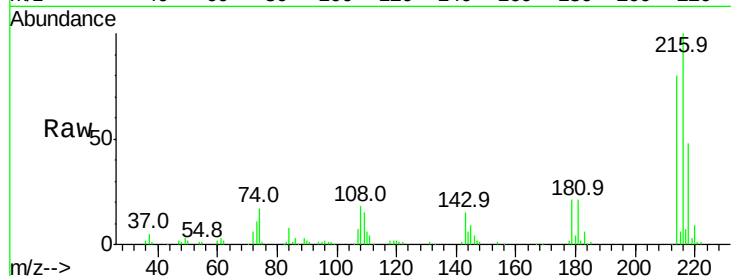
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 21.3 17.9 26.9

108 17.9 16.5 24.7

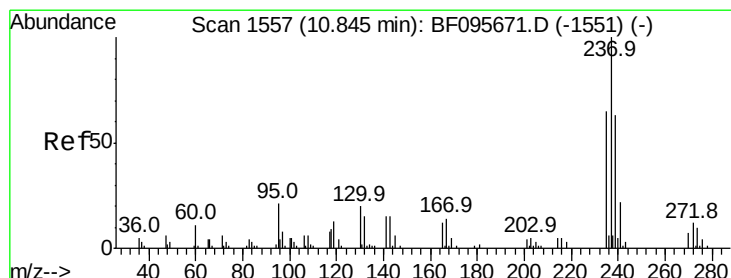
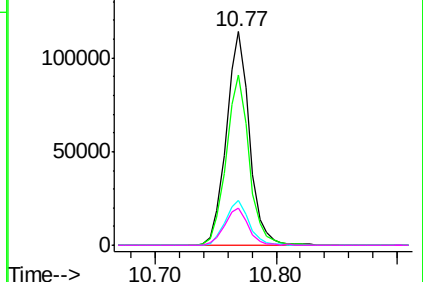
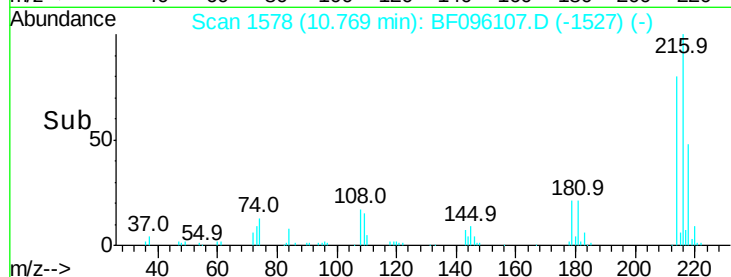


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.62 ng

RT: 10.73 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

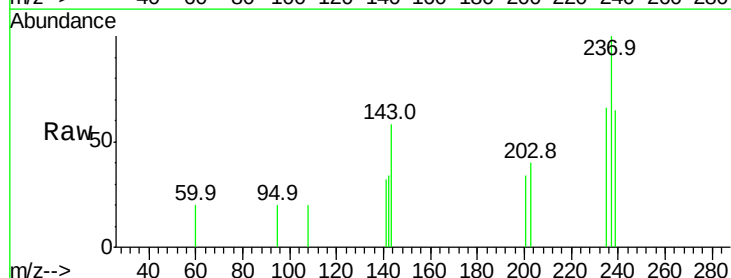
Tgt Ion:237 Resp: 1632

Ion Ratio Lower Upper

237 100

235 66.4 42.6 82.6

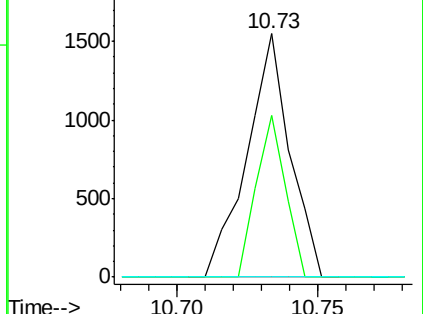
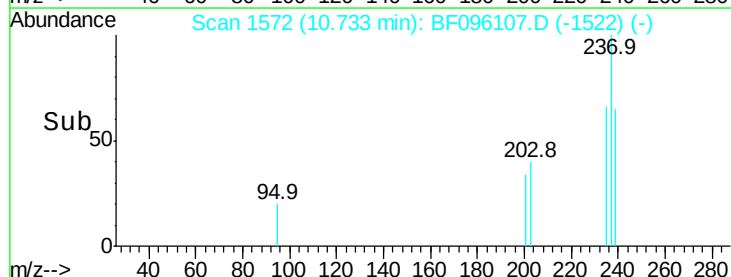
272 0.0 0.0 31.9

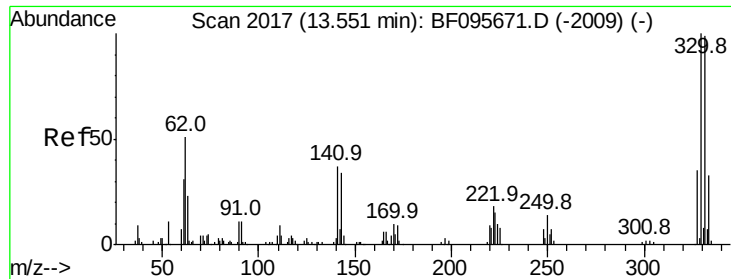


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

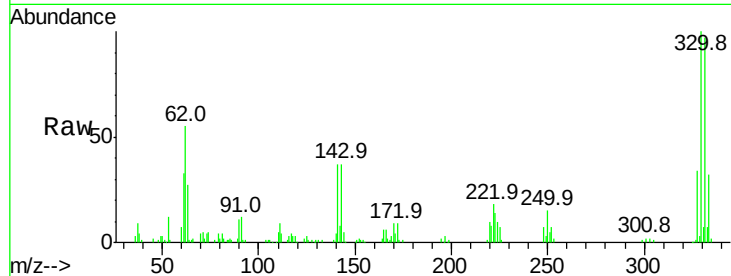




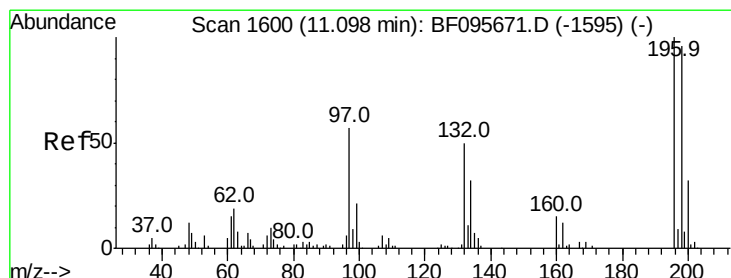
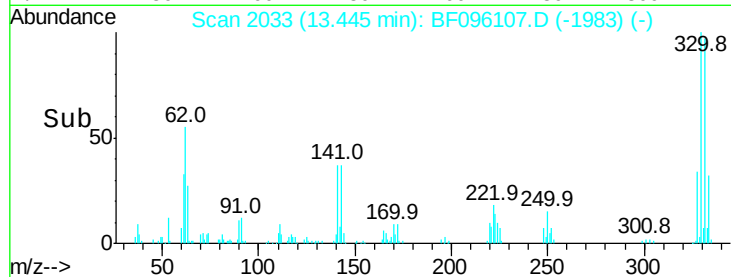
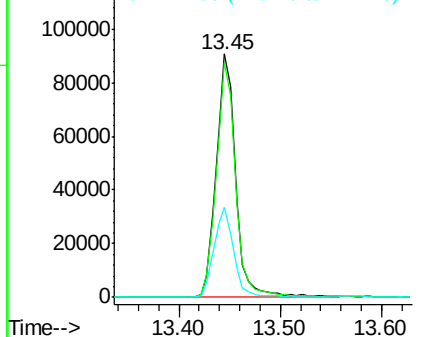
#41
 2,4,6-Tribromophenol
 Concen: 126.46 ng
 RT: 13.45 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 121157
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.3 31.4 47.2

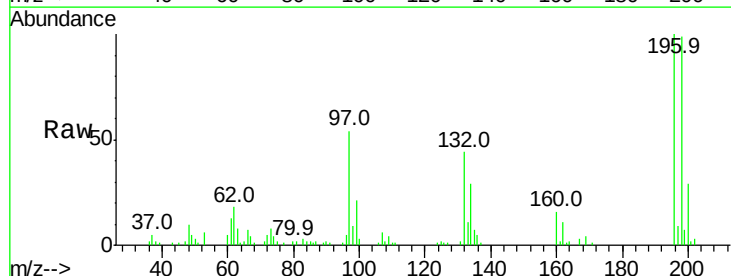


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

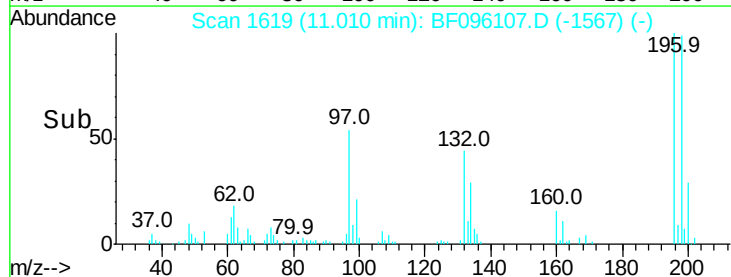
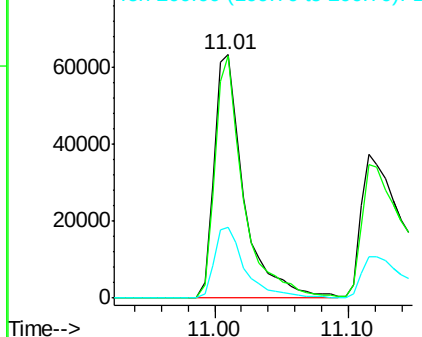


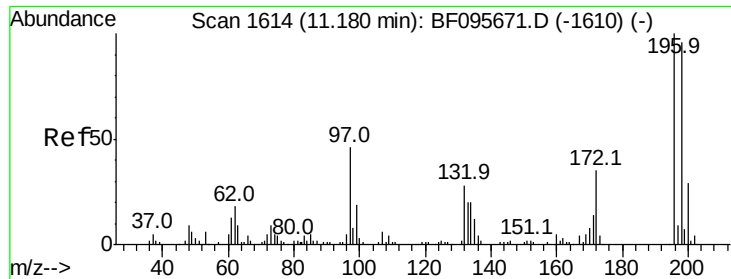
#42
 2,4,6-Trichlorophenol
 Concen: 47.69 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:196 Resp: 99377
 Ion Ratio Lower Upper
 196 100
 198 99.5 74.2 111.4
 200 29.2 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

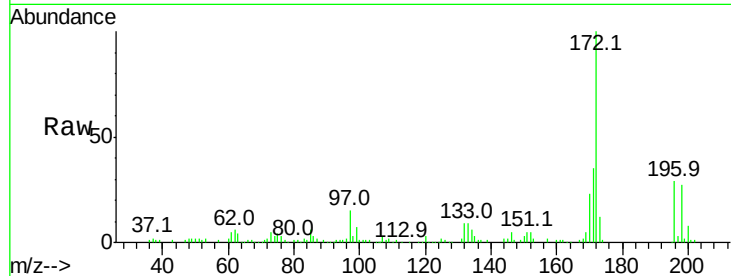




#43
 2,4,5-Trichlorophenol
 Concen: 43.86 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	97218
Ion Ratio	100	Lower	Upper
196	100		
198	93.4	75.7	113.5
97	49.9	47.7	71.5
132	31.4	28.0	42.0



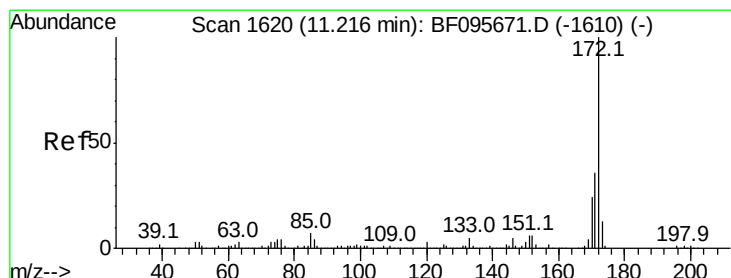
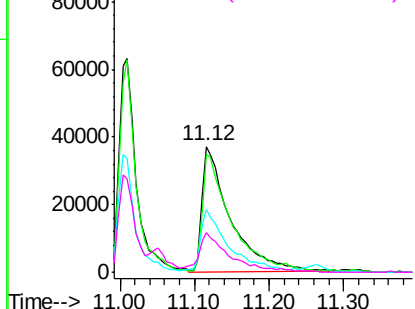
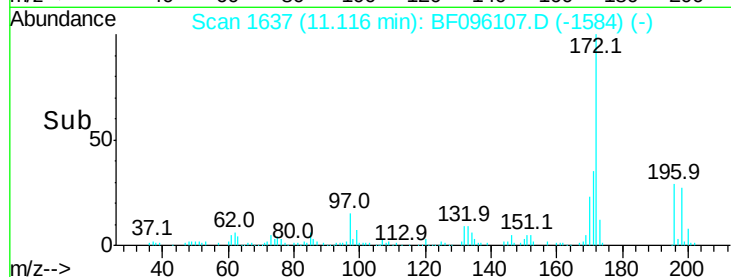
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

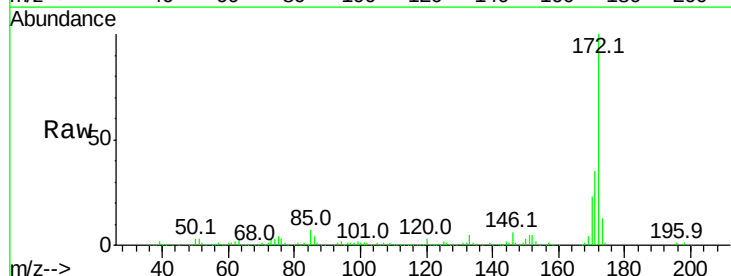
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.34 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion	172	Resp	765215
Ion Ratio	100	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.2	19.8	29.8

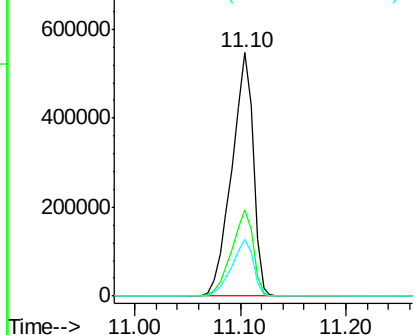
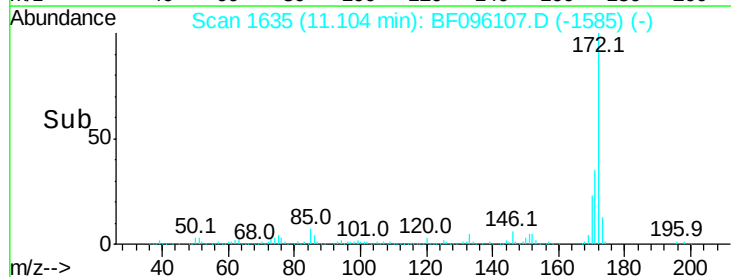


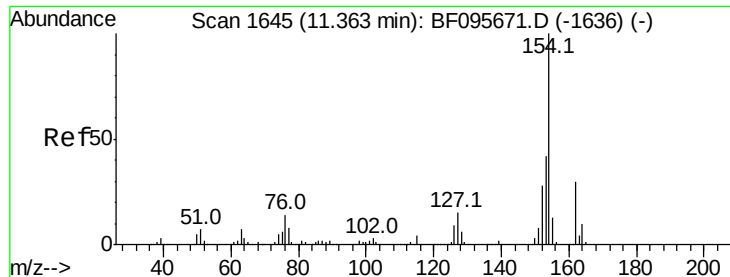
Abundance

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

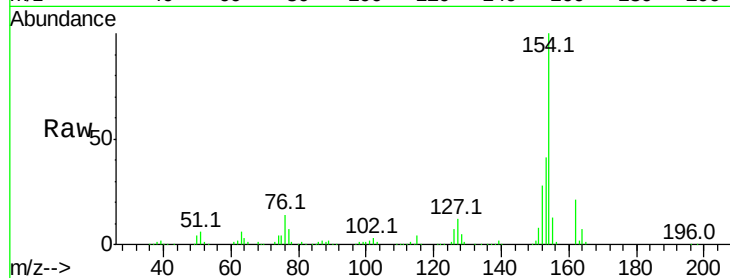




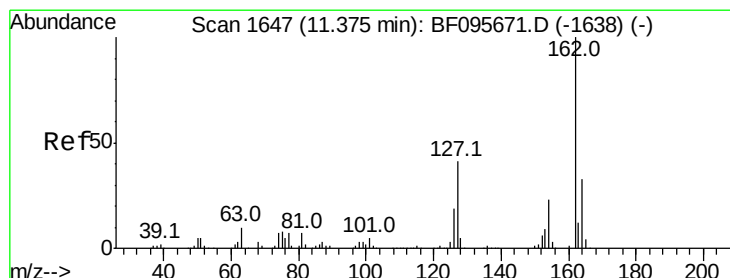
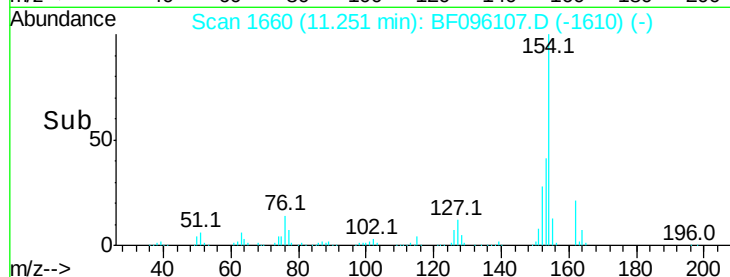
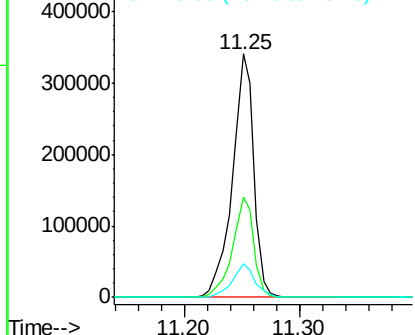
#45
 1,1'-Biphenyl
 Concen: 48.84 ng
 RT: 11.25 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 435878
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.2 61.2
 76 14.0 0.0 29.9

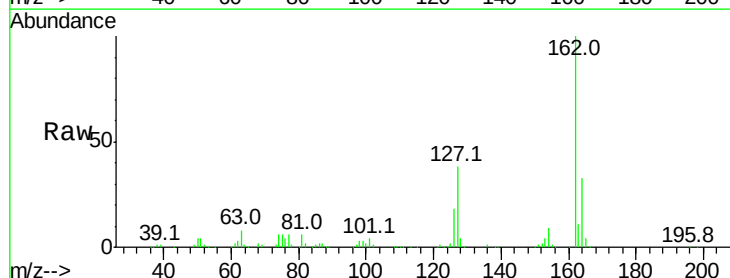


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

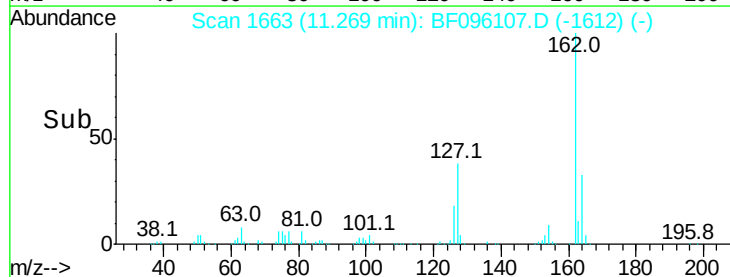
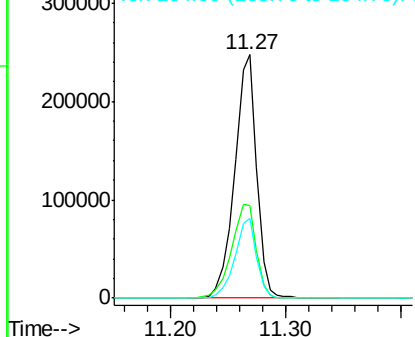


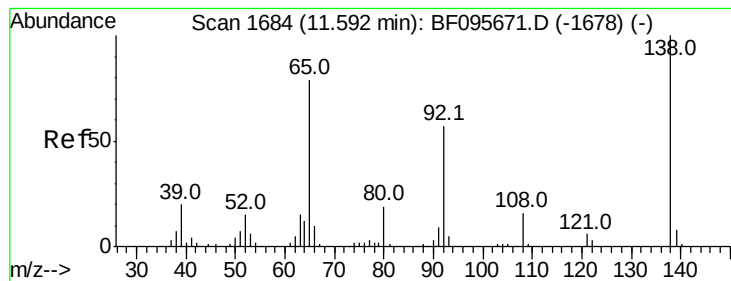
#46
 2-Chloronaphthalene
 Concen: 46.67 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:162 Resp: 325470
 Ion Ratio Lower Upper
 162 100
 127 38.0 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: 49.01 ng

RT: 11.50 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

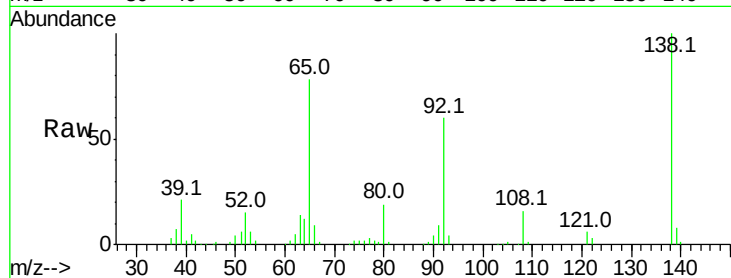
Tot Ion: 65 Resp: 100000

Ion Ratio Lower Upper

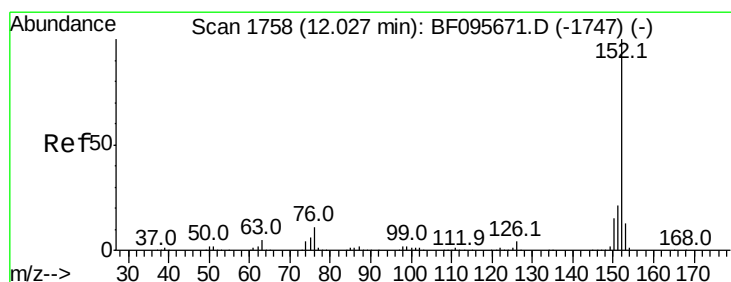
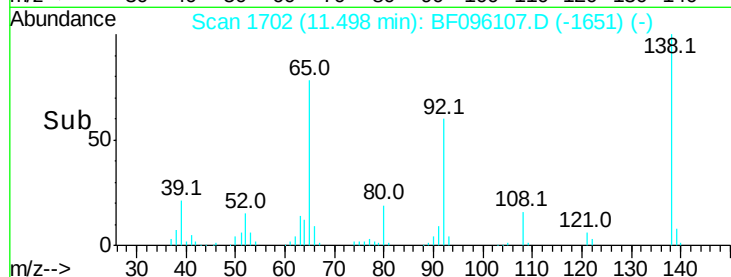
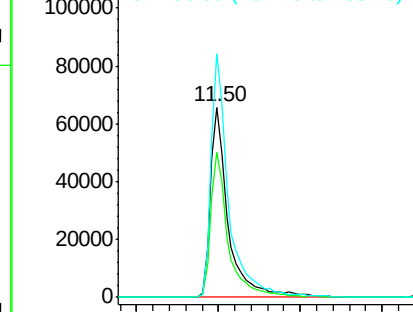
65 100

92 76.5 53.9 80.9

138 128.2 78.8 118.2#



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



#48

Acenaphthylene

Concen: 41.05 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

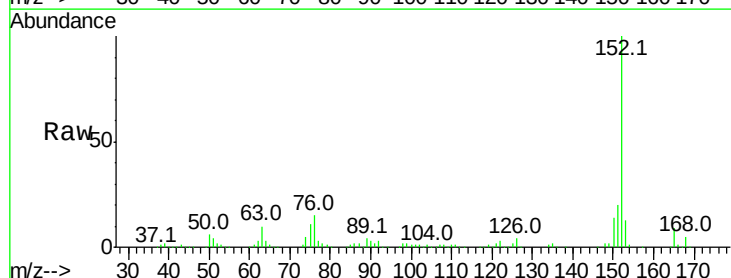
Tgt Ion:152 Resp: 489493

Ion Ratio Lower Upper

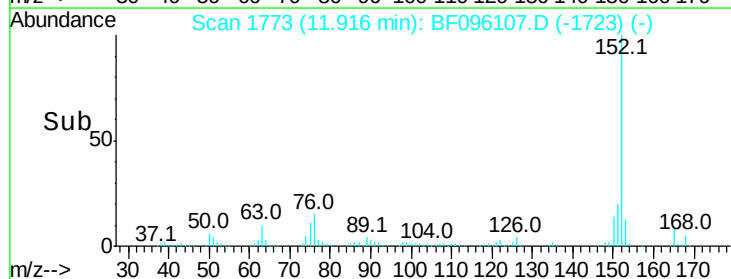
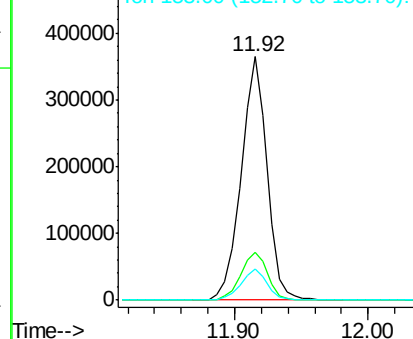
152 100

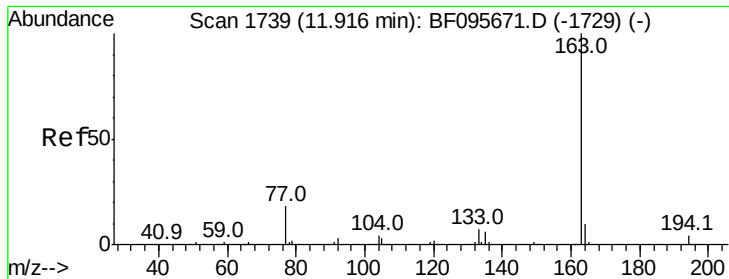
151 19.5 16.8 25.2

153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.77 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

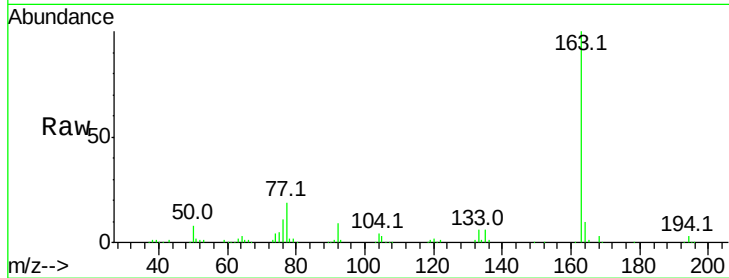
Tot Ion:163 Resp: 400971

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

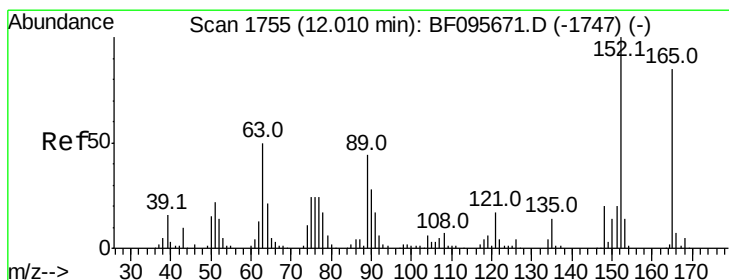
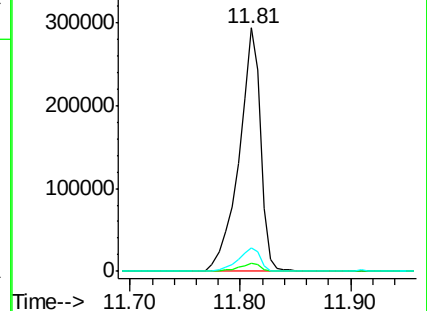
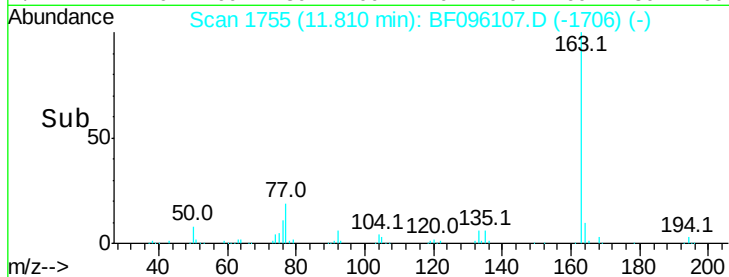
164 9.6 8.4 12.6



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: 38.90 ng

RT: 11.91 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

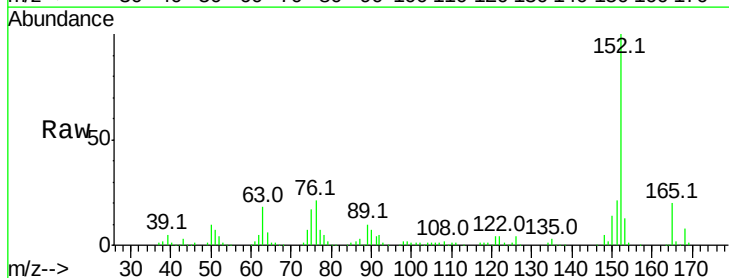
Tgt Ion:165 Resp: 69764

Ion Ratio Lower Upper

165 100

63 87.3 34.3 51.5#

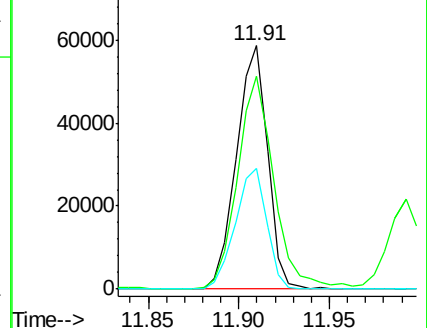
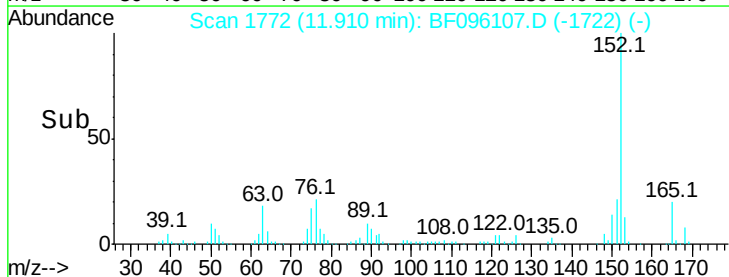
89 49.8 37.1 55.7

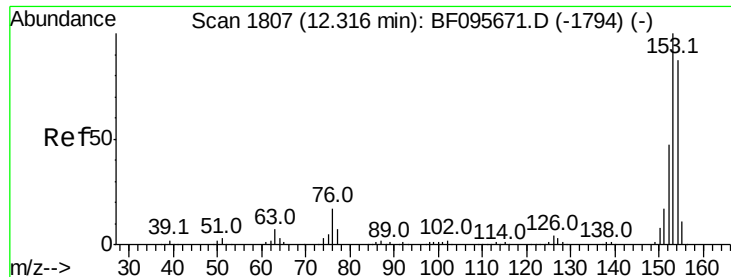


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.42 ng

RT: 12.20 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

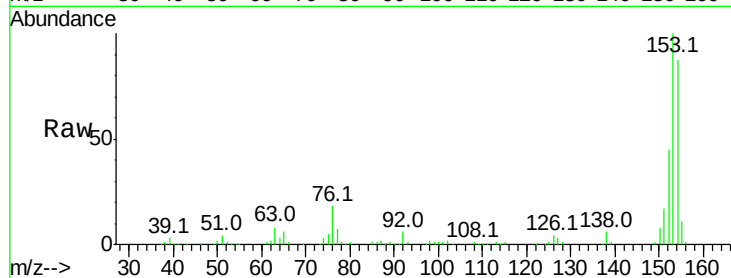
Tot Ion:154 Resp: 292119

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

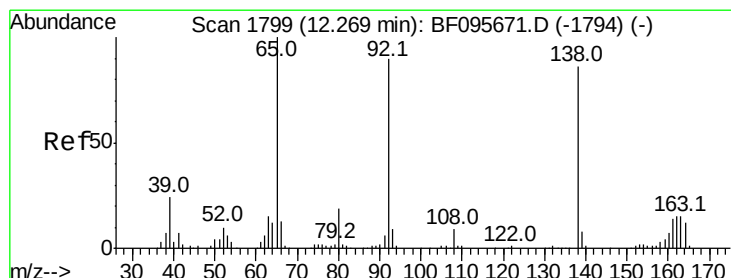
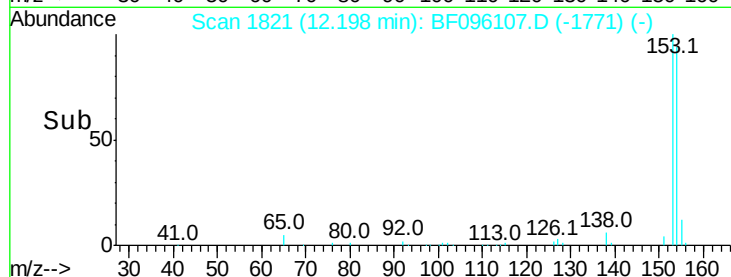
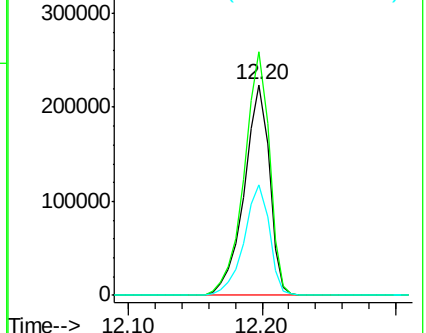
152 52.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.75 ng

RT: 12.19 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

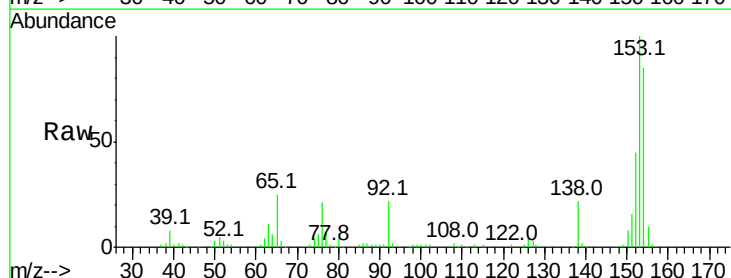
Tgt Ion:138 Resp: 55894

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

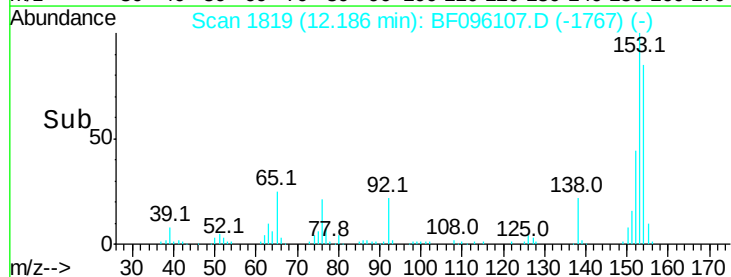
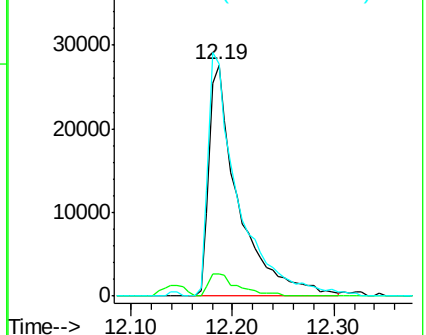
92 100.6 93.8 140.6

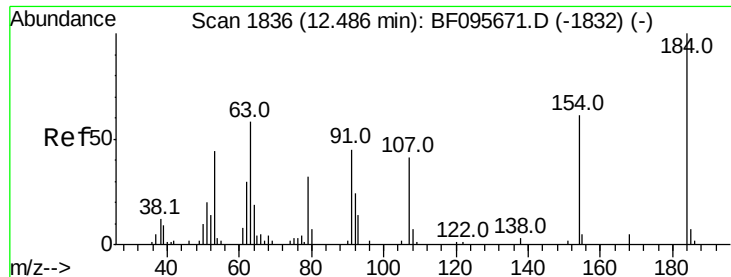


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

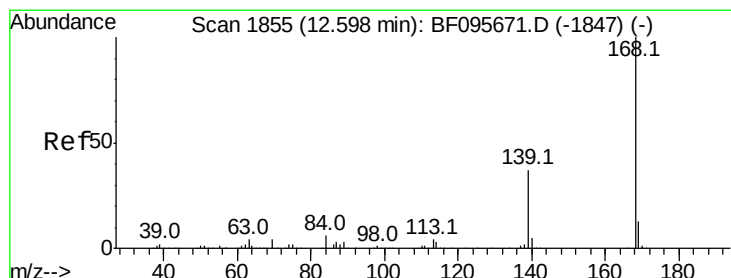
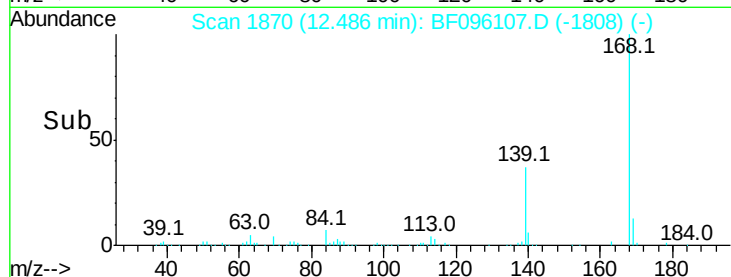
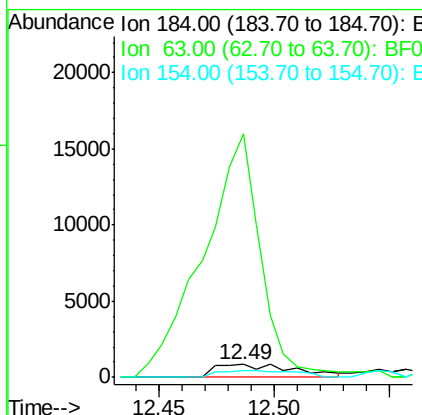
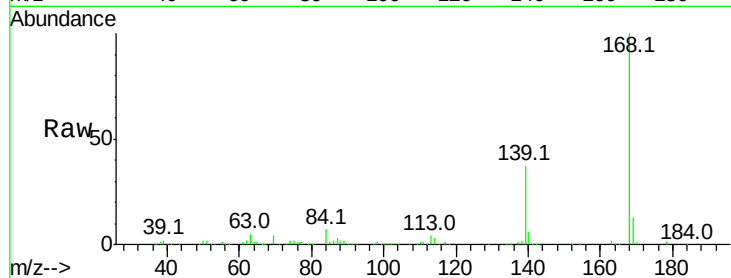




#53
 2,4-Dinitrophenol
 Concen: 8.36 ng
 RT: 12.49 min Scan# 1870
 Delta R.T. 0.06 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

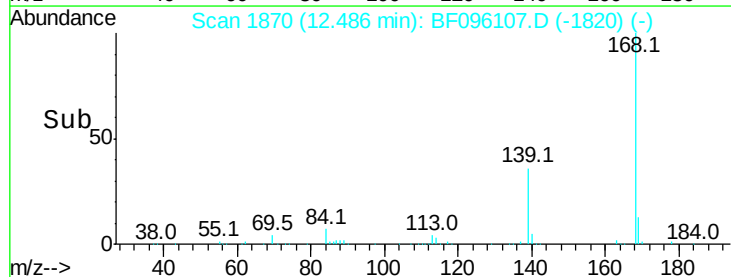
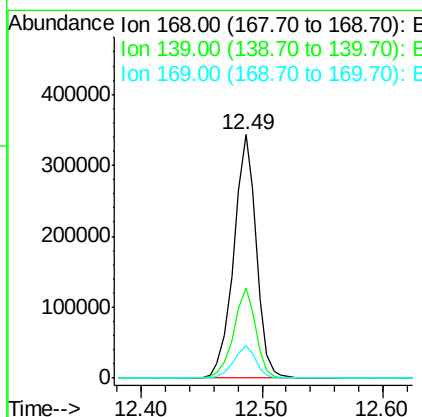
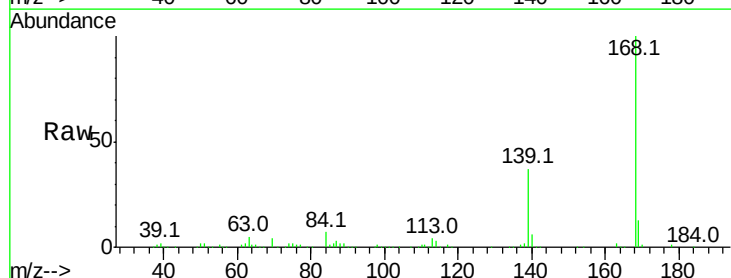
Instrument :
 BNA_F
 ClientSampleId :

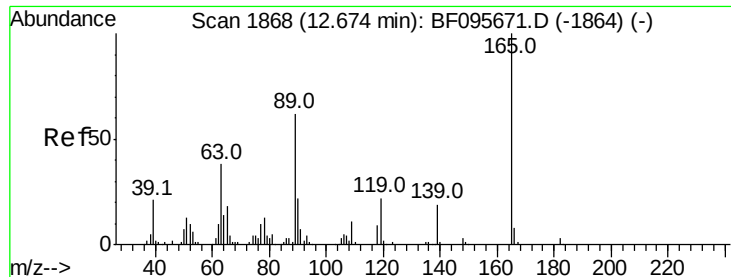
Tot Ion:184 Resp: 2086
 Ion Ratio Lower Upper
 184 100
 63 1852.0 62.7 94.1#
 154 53.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 46.12 ng
 RT: 12.49 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:168 Resp: 447045
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.2 10.8 16.2

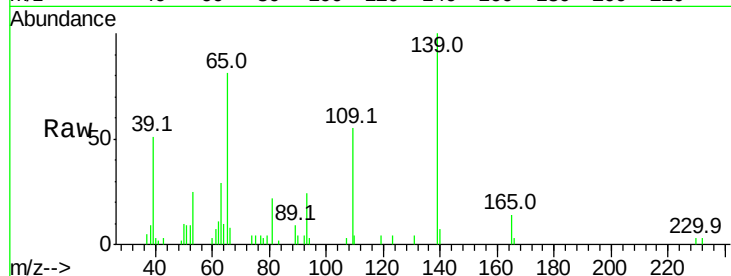




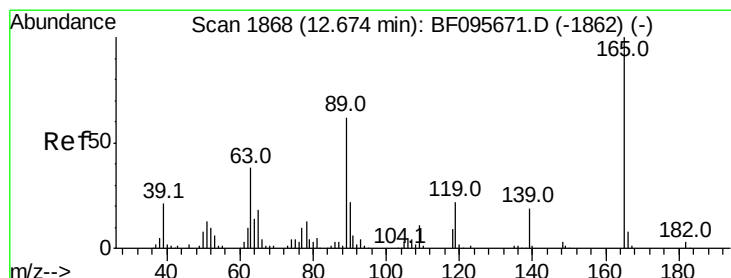
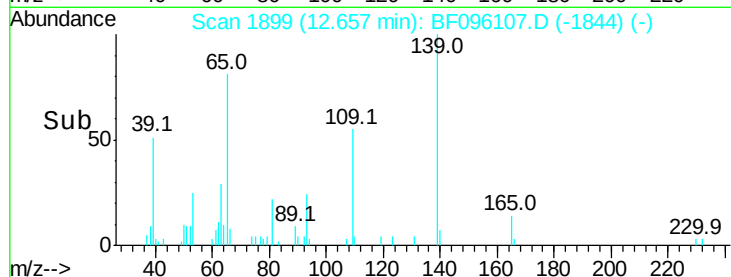
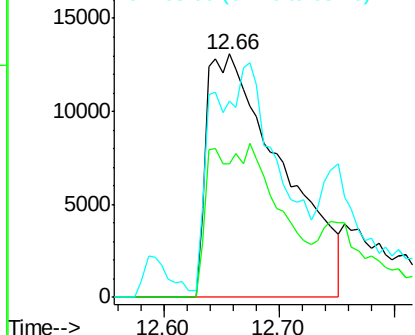
#55
4-Nitrophenol
Concen: 50.43 ng
RT: 12.66 min Scan# 1899
Delta R.T. 0.02 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 59310
Ion Ratio Lower Upper
139 100
109 54.9 34.1 74.1
65 80.5 31.4 71.4#

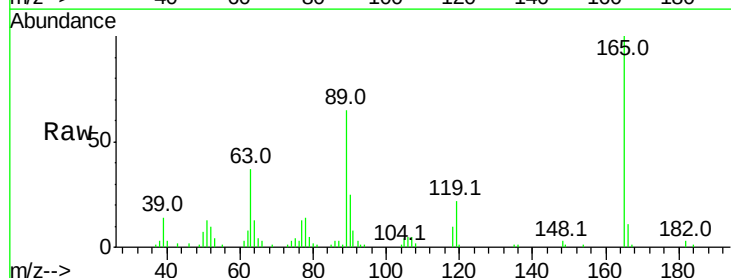


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

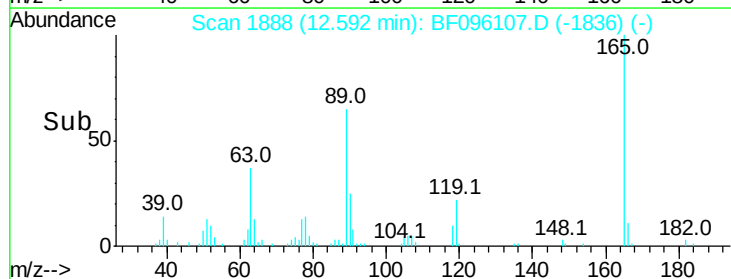
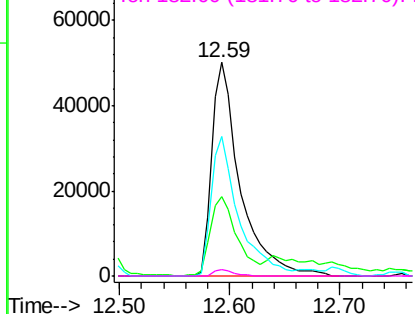


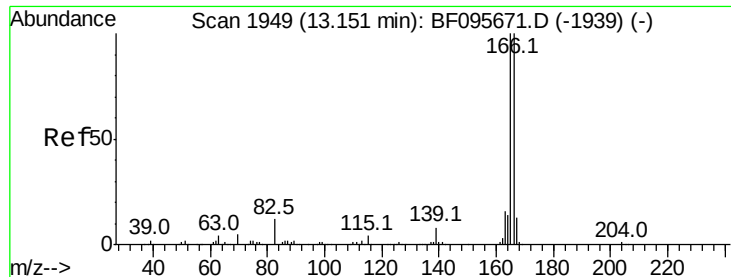
#56
2,4-Dinitrotoluene
Concen: 36.71 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:165 Resp: 88912
Ion Ratio Lower Upper
165 100
63 37.4 25.4 38.0
89 65.2 46.4 69.6
182 2.8 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.45 ng

RT: 13.04 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

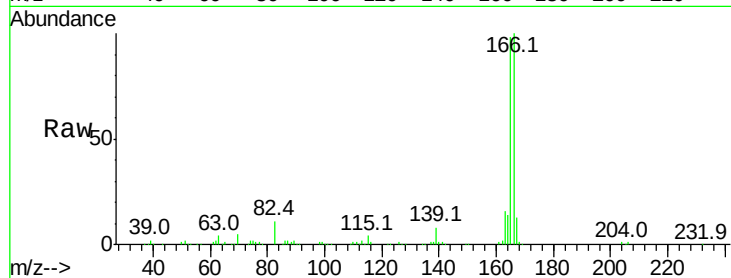
Tot Ion:166 Resp: 349594

Ion Ratio Lower Upper

166 100

165 97.8 78.8 118.2

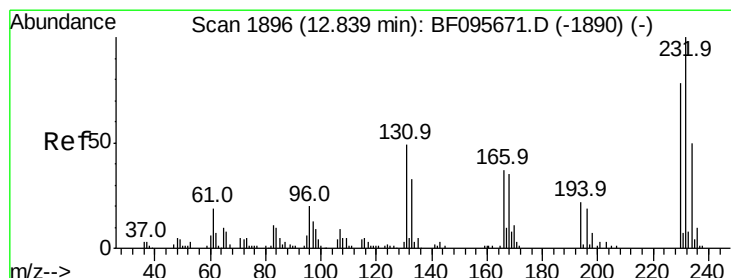
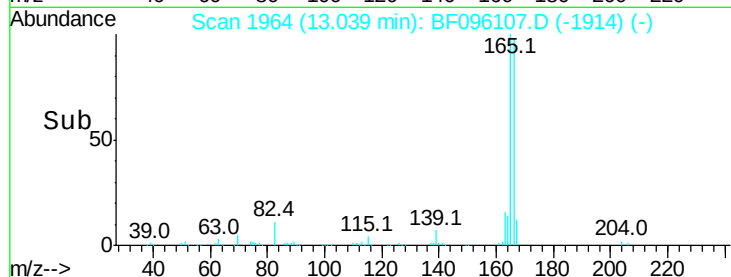
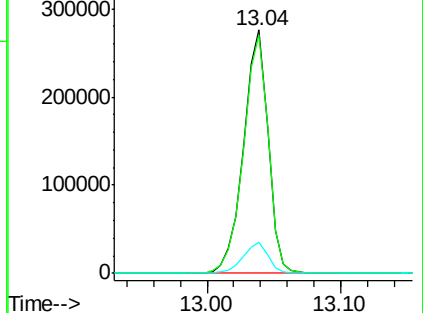
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.62 ng

RT: 12.75 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Tgt Ion:232 Resp: 67670

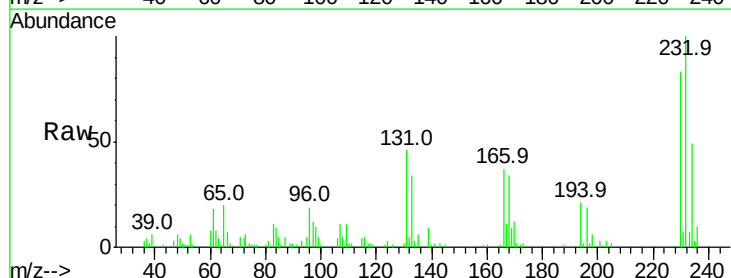
Ion Ratio Lower Upper

232 100

131 46.9 44.8 67.2

130 2.0 2.3 3.5#

166 28.0 29.0 43.4#

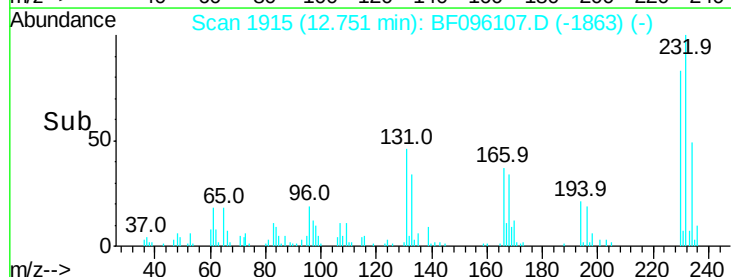
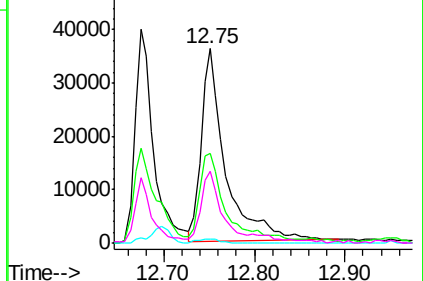


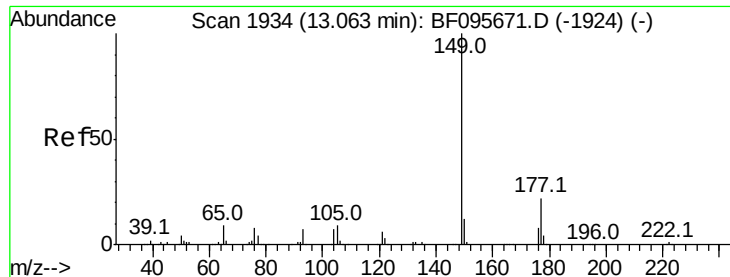
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.51 ng

RT: 12.95 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

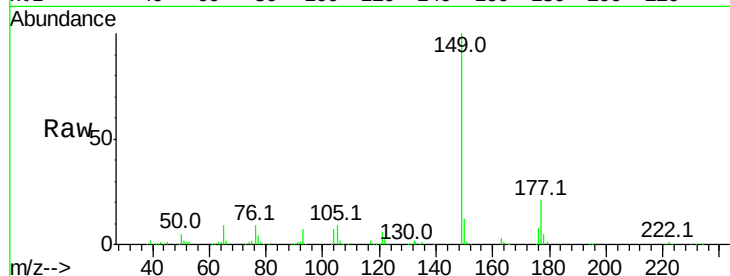
Tot Ion:149 Resp: 375913

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

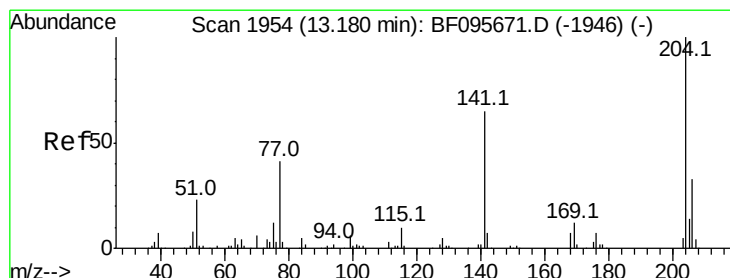
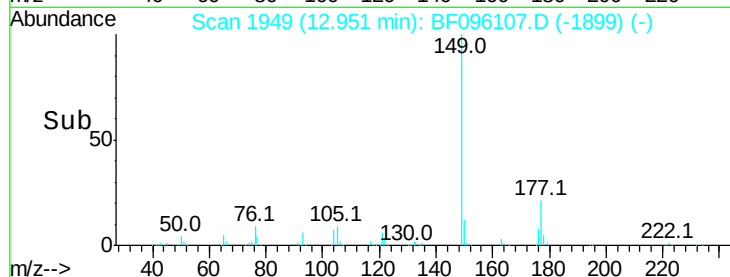
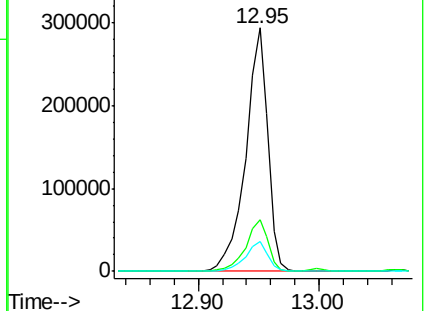
150 12.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.20 ng

RT: 13.07 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

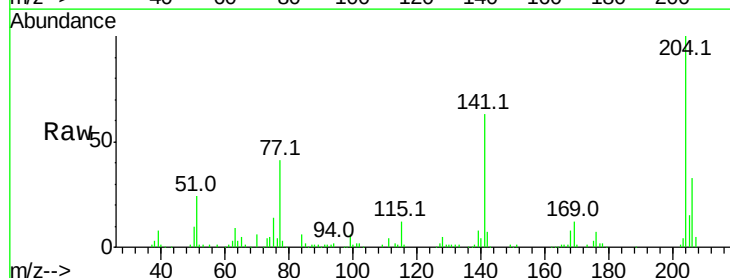
Tgt Ion:204 Resp: 158468

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

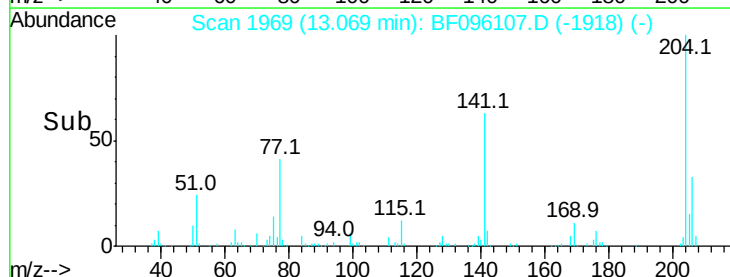
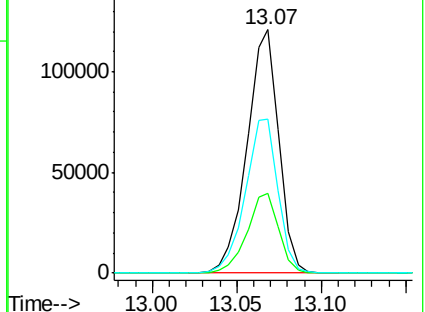
141 63.1 60.8 91.2

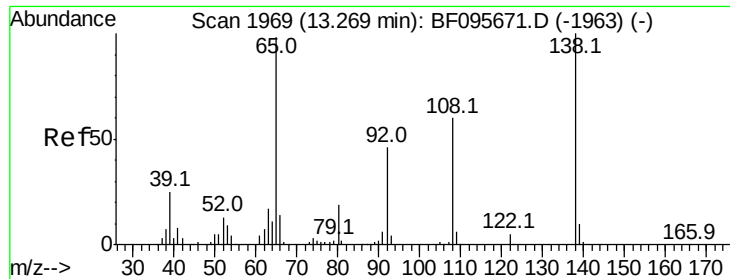


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

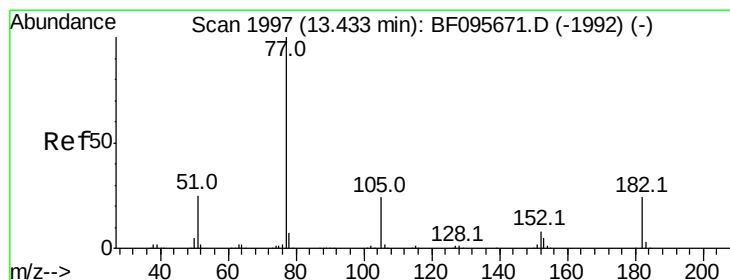
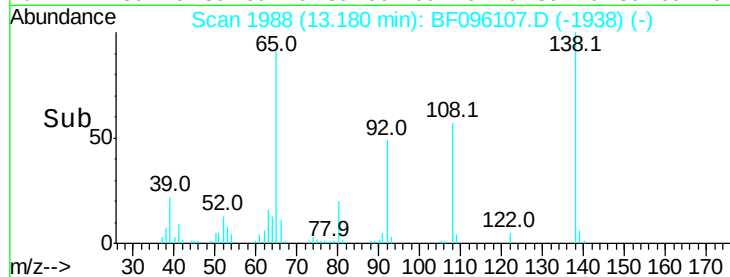
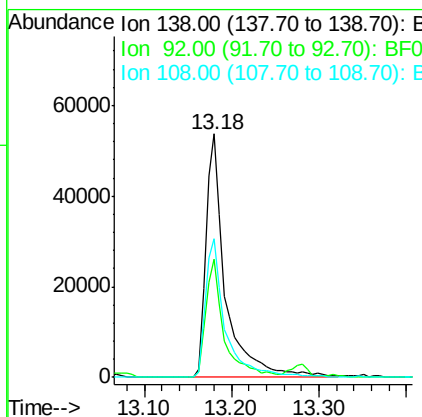
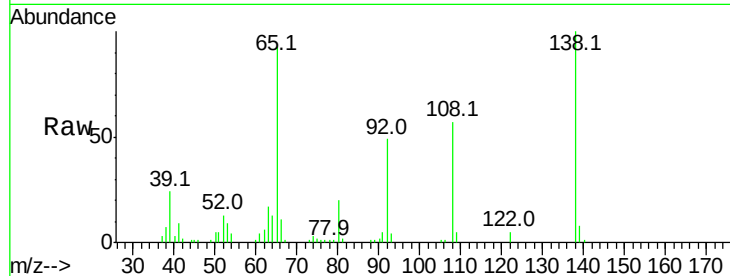




#61
 4-Nitroaniline
 Concen: 42.80 ng
 RT: 13.18 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

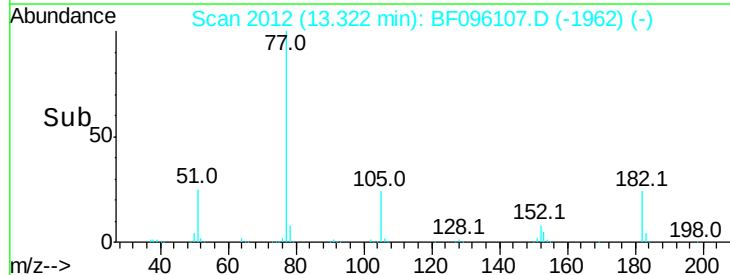
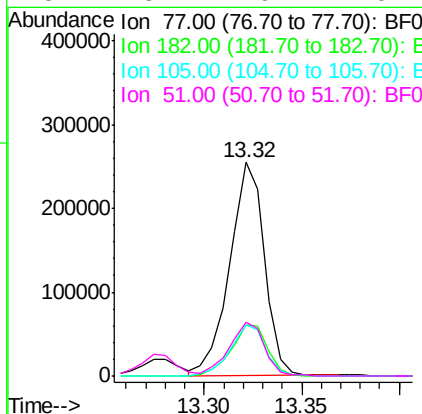
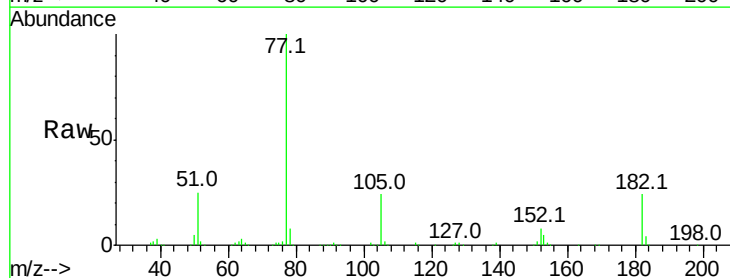
Instrument :
 BNA_F
 ClientSampleId :

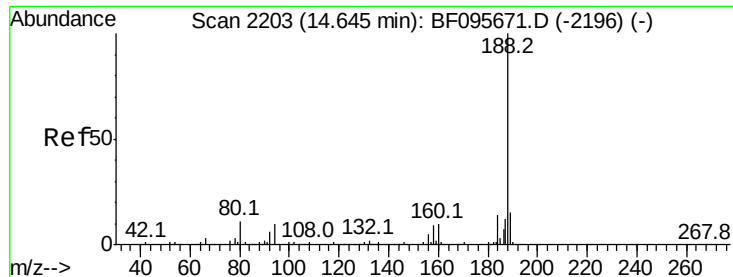
Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	21.8	61.8
108	57.2	42.3	82.3



#62
 Azobenzene
 Concen: 43.78 ng
 RT: 13.32 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.1	40.1
105	24.0	3.6	43.6
51	25.4	9.4	49.4

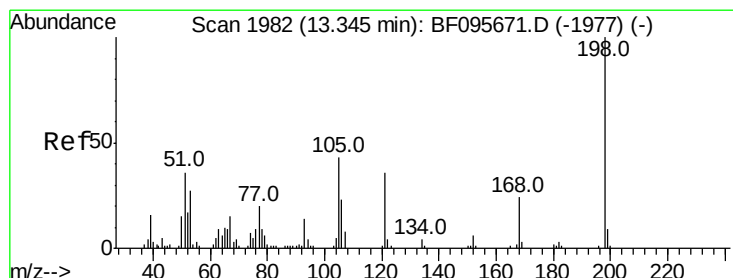
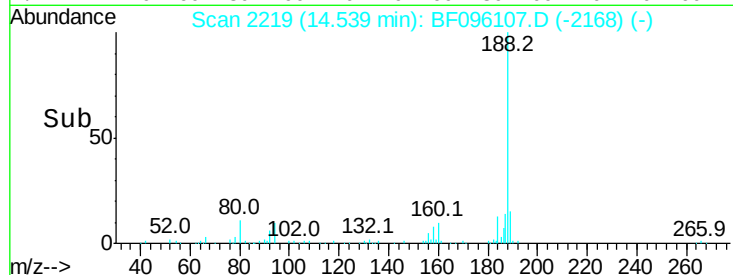
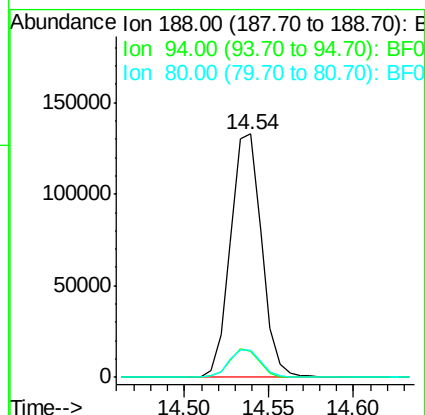
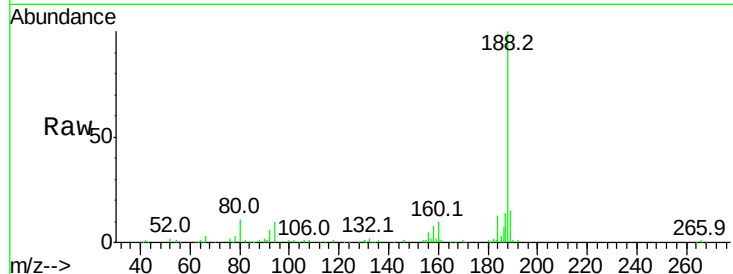




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

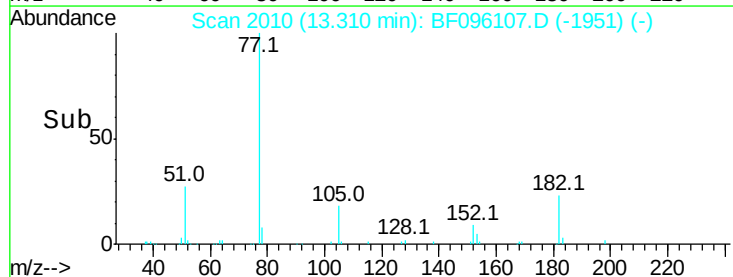
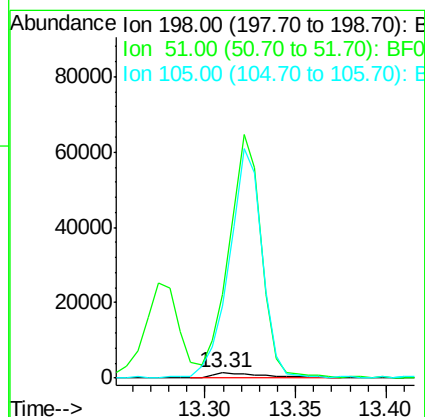
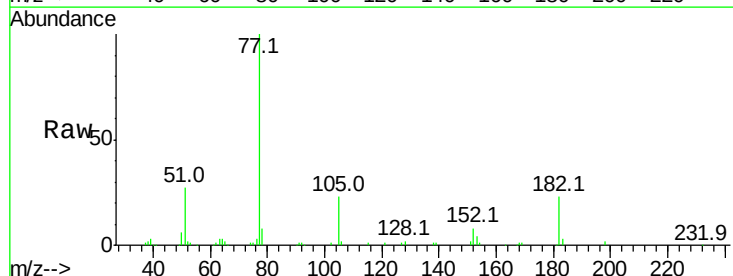
Instrument :
BNA_F
ClientSampleId :

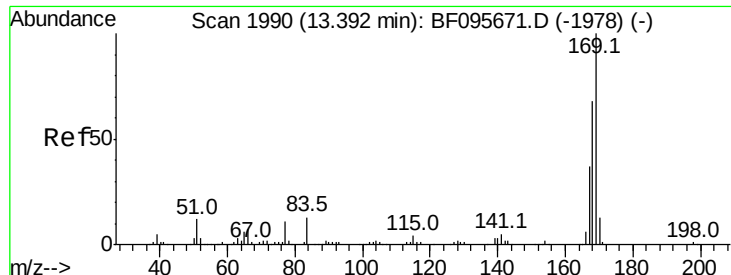
Tot Ion:188 Resp: 170151
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 13.31 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:198 Resp: 3145
Ion Ratio Lower Upper
198 100
51 1620.5 53.2 93.2#
105 1395.7 45.8 85.8#

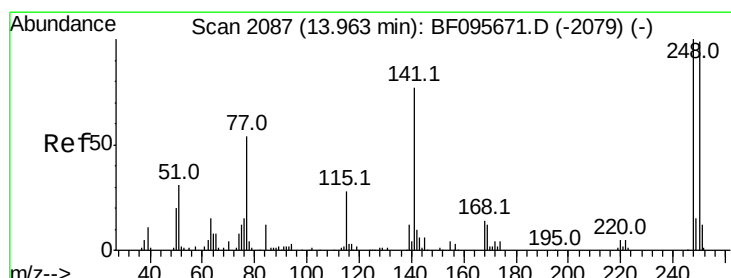
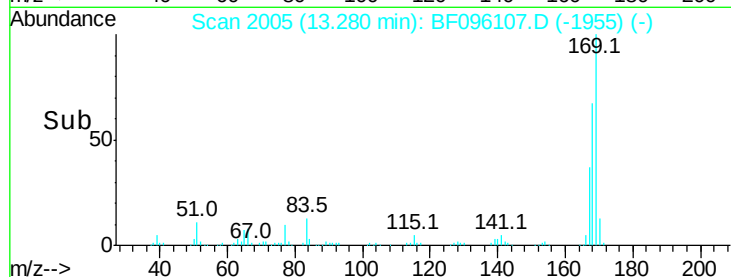
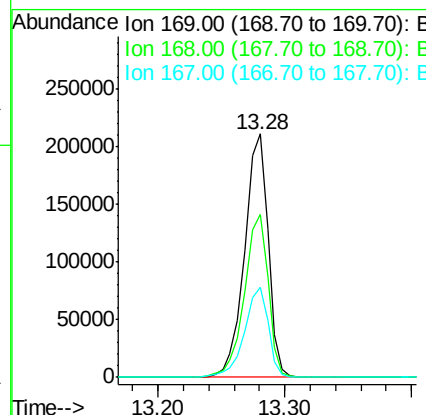
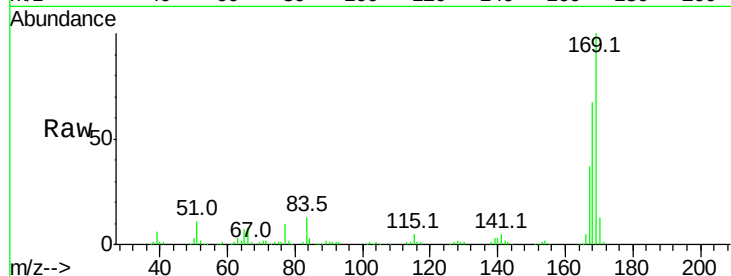




#65
n-Nitrosodiphenylamine
Concen: 44.34 ng
RT: 13.28 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

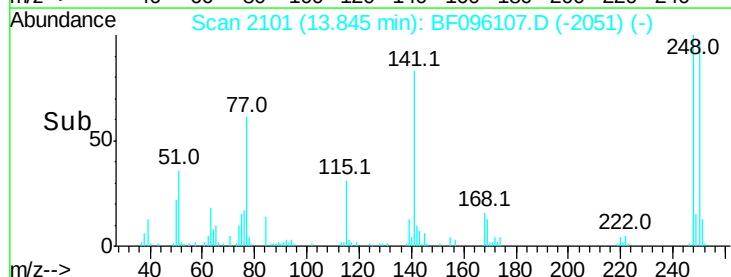
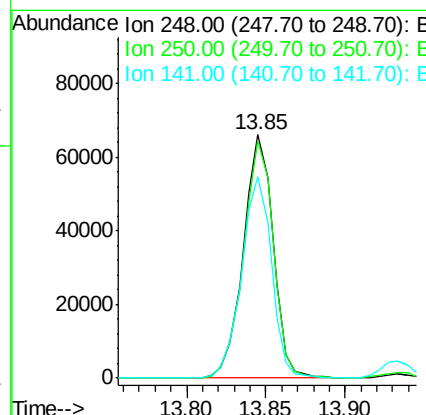
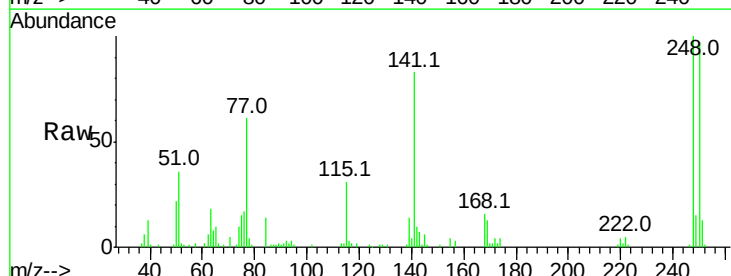
Instrument :
BNA_F
ClientSampleId :

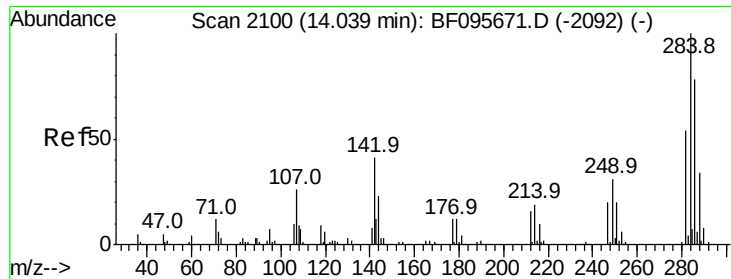
Tot Ion:169 Resp: 271109
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 48.79 ng
RT: 13.85 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:248 Resp: 86270
Ion Ratio Lower Upper
248 100
250 97.2 76.8 115.2
141 82.9 68.6 103.0

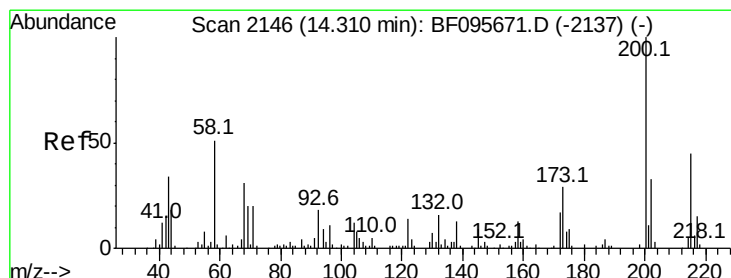
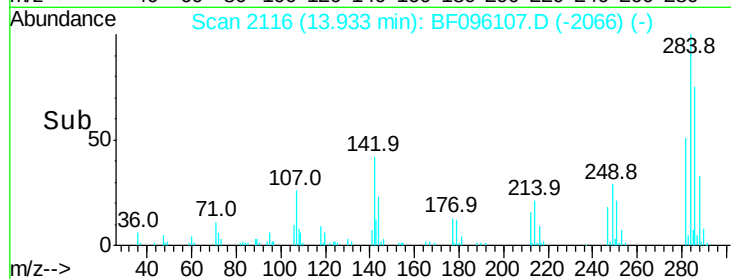
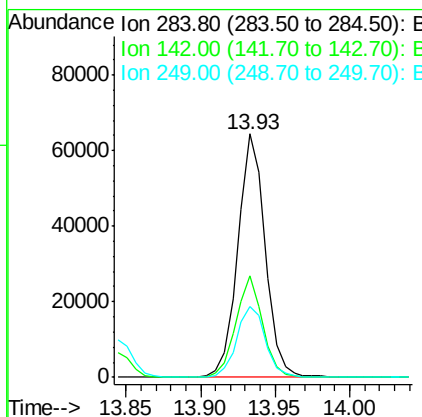
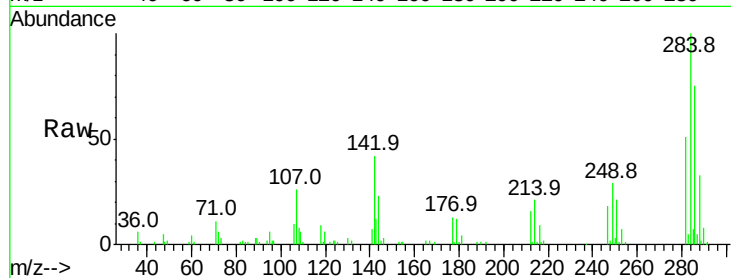




#67
Hexachlorobenzene
Concen: 47.19 ng
RT: 13.93 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

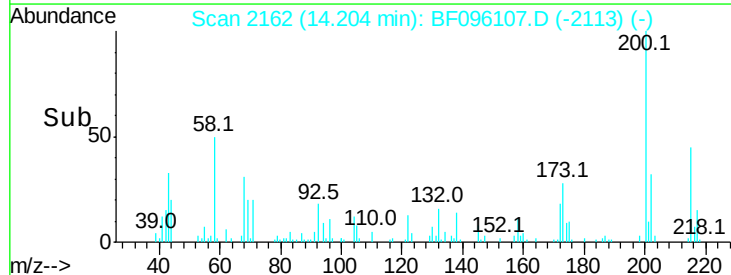
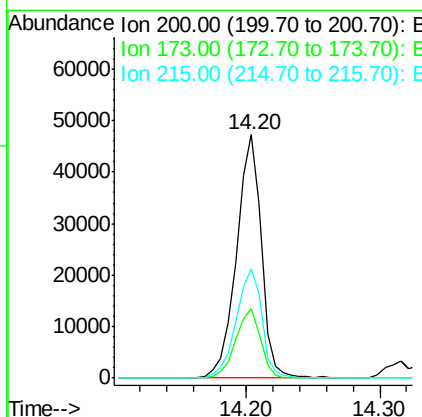
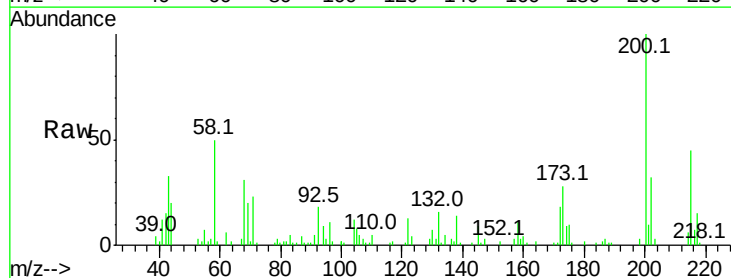
Instrument :
BNA_F
ClientSampleId :

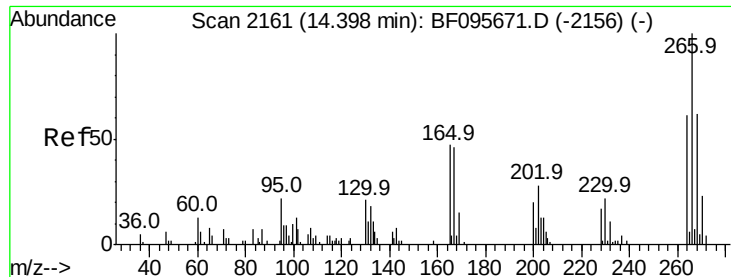
Tot Ion:284 Resp: 82235
Ion Ratio Lower Upper
284 100
142 41.7 22.8 34.2#
249 29.1 24.0 36.0



#68
Atrazine
Concen: 35.94 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:200 Resp: 61160
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 44.6 27.2 67.2

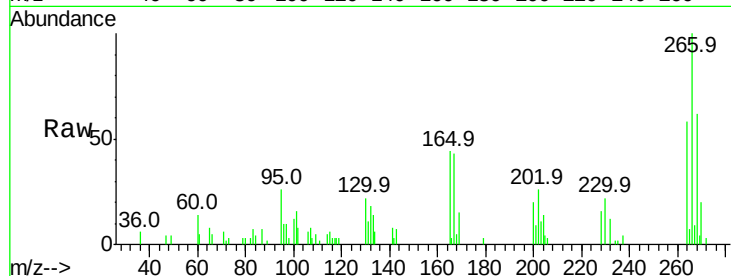




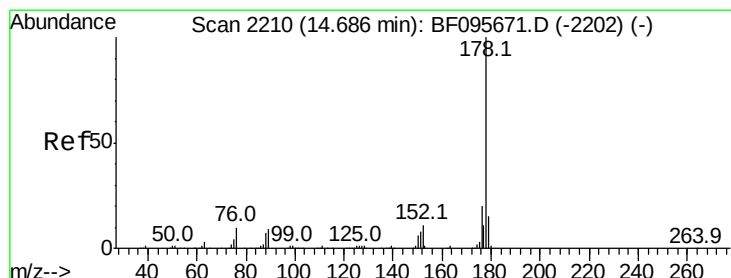
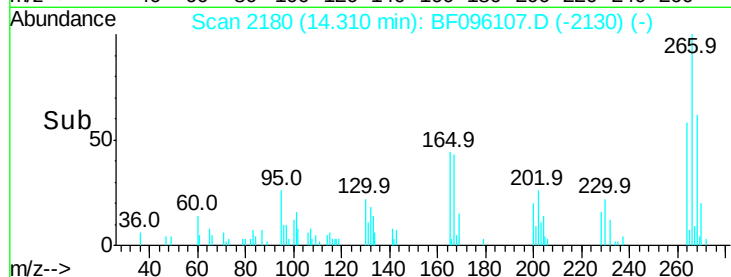
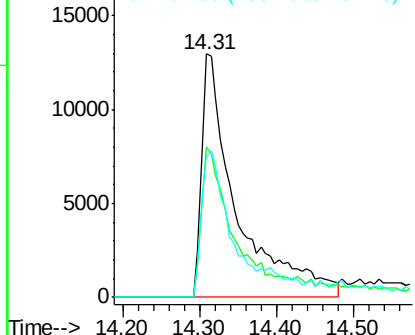
#69
 Pentachlorophenol
 Concen: 63.76 ng
 RT: 14.31 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 41165
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 58.2 51.7 77.5

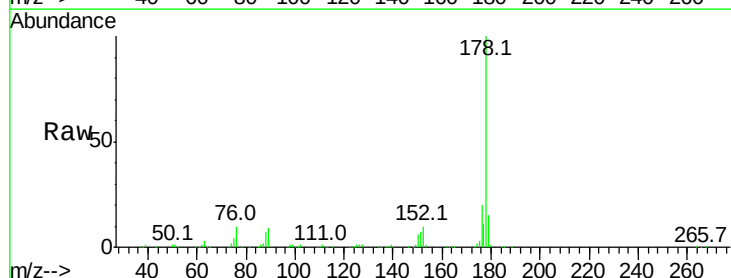


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

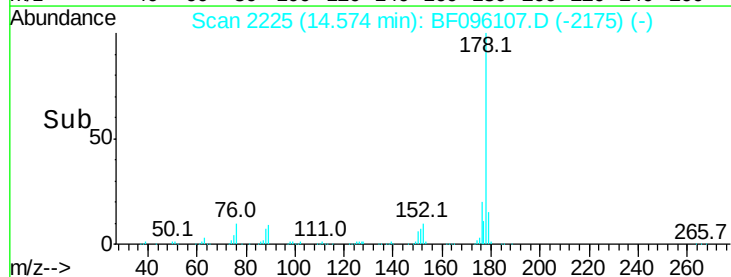
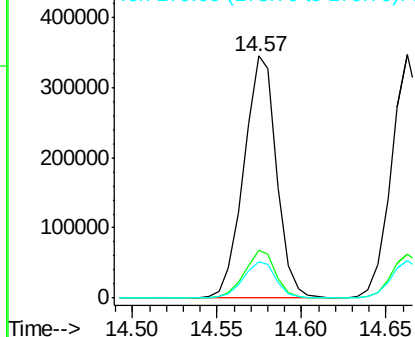


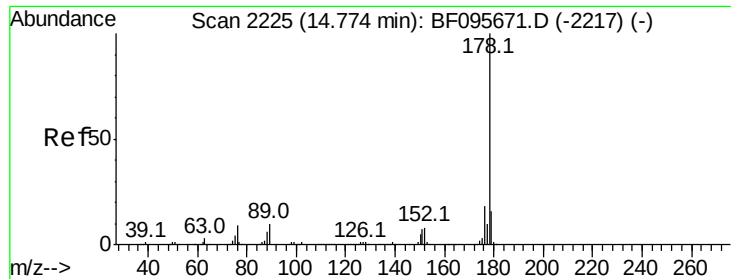
#70
 Phenanthrene
 Concen: 47.52 ng
 RT: 14.57 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:178 Resp: 466506
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.0 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

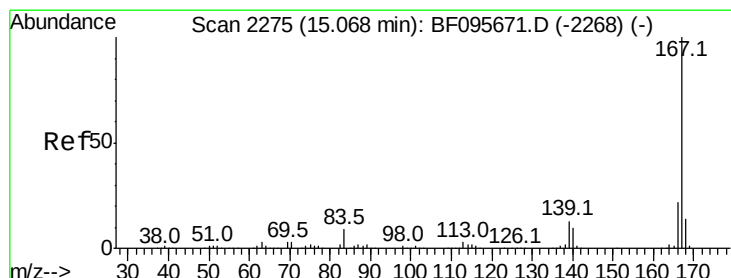
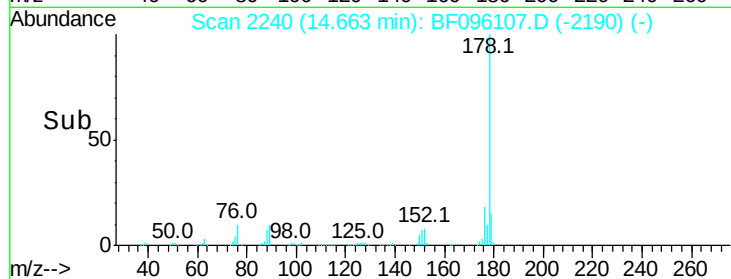
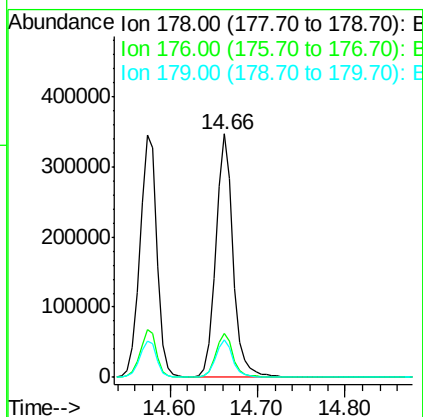
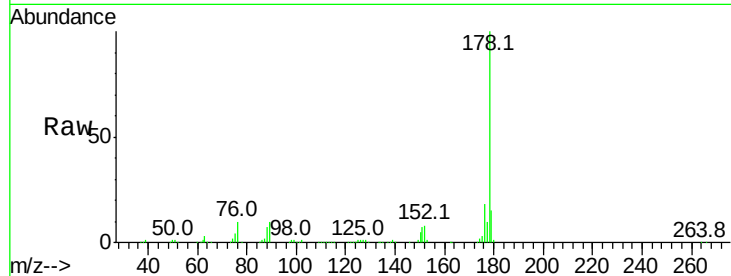




#71
 Anthracene
 Concen: 46.40 ng
 RT: 14.66 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

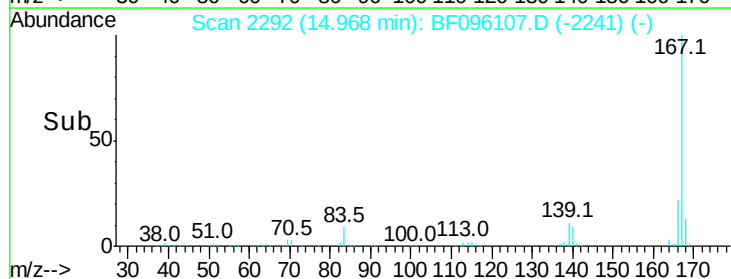
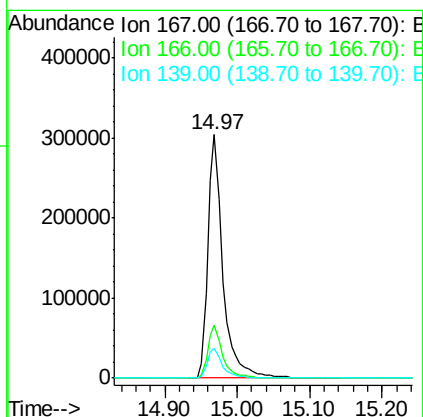
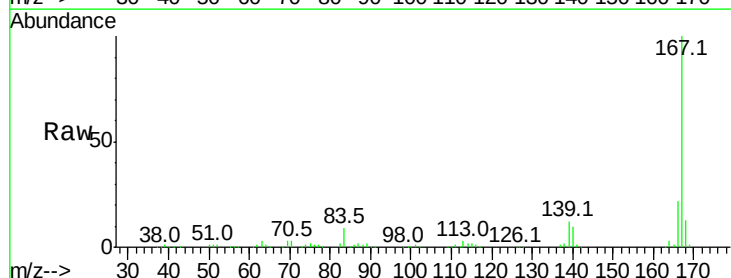
Instrument :
 BNA_F
 ClientSampleId :

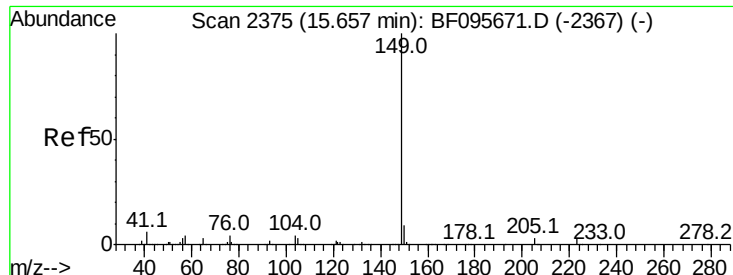
Tot Ion:178 Resp: 475532
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 43.81 ng
 RT: 14.97 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:167 Resp: 437633
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.69 ng

RT: 15.56 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

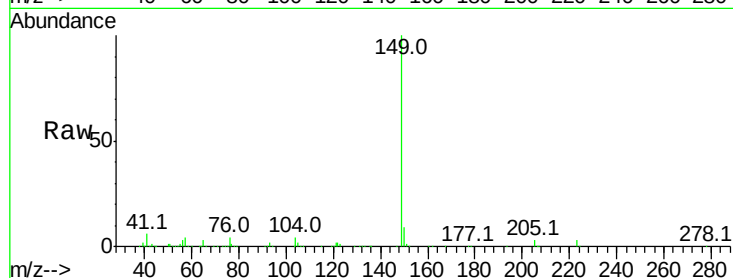
Tot Ion:149 Resp: 549290

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

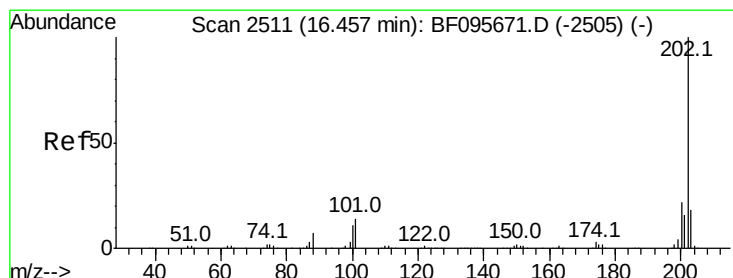
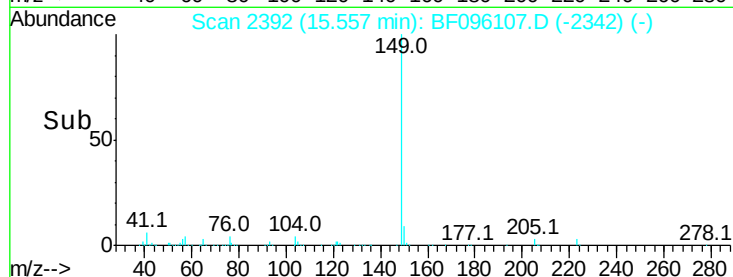
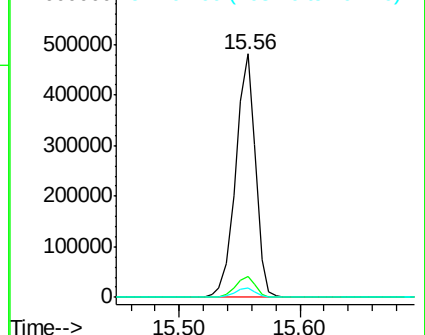
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.82 ng

RT: 16.36 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

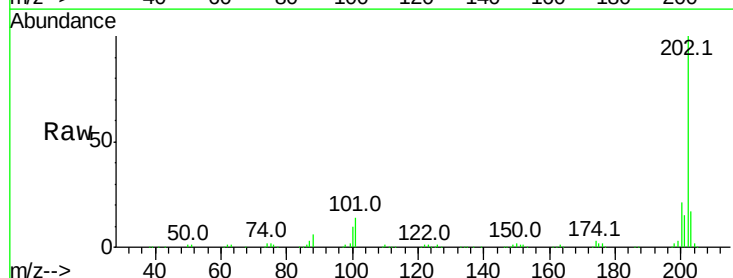
Tgt Ion:202 Resp: 484100

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

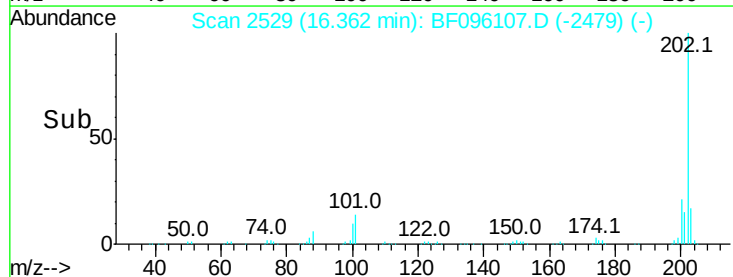
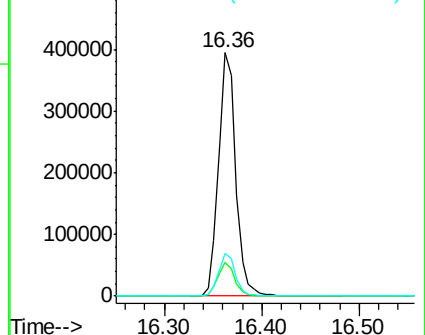
203 17.5 0.0 38.1

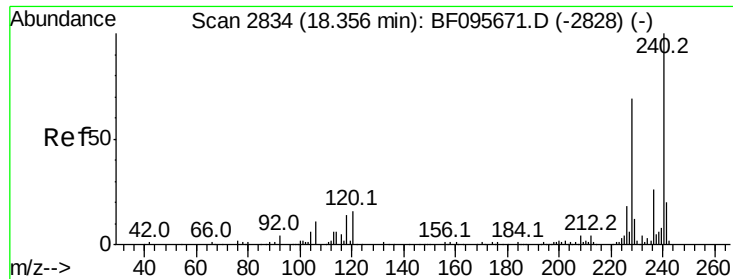


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

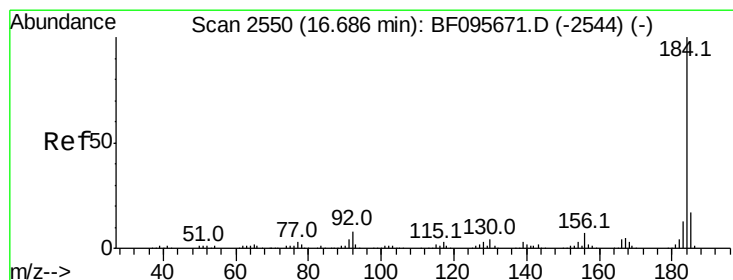
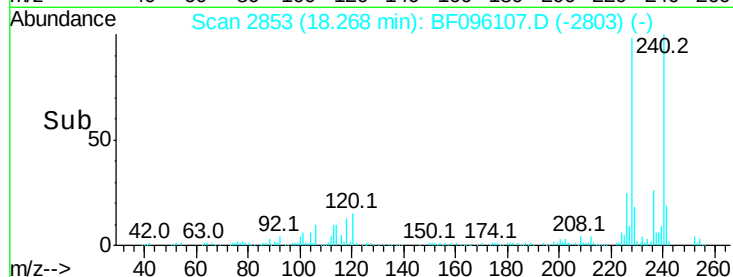
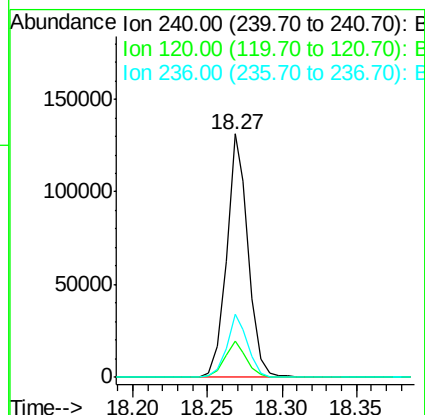
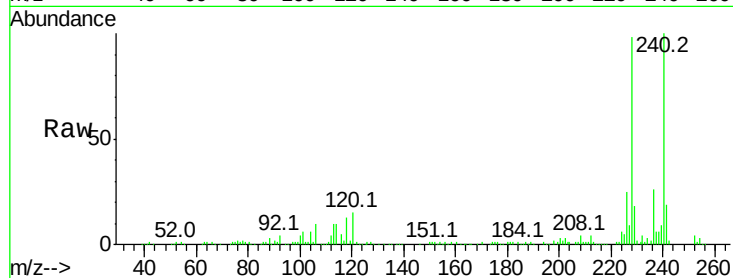
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 133129

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.7	20.5	30.7



#76

Benzidine

Concen: 10.06 ng

RT: 16.61 min Scan# 2571

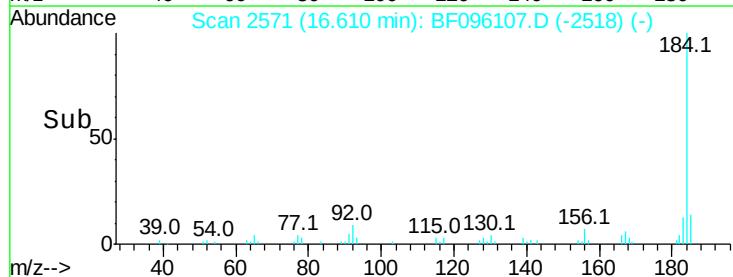
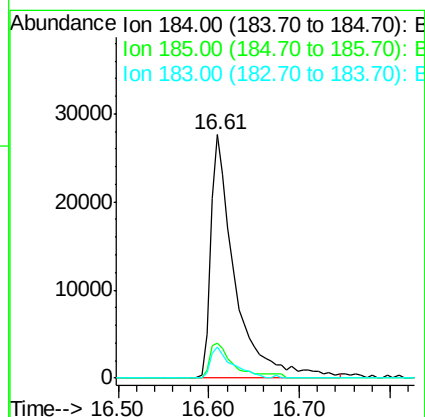
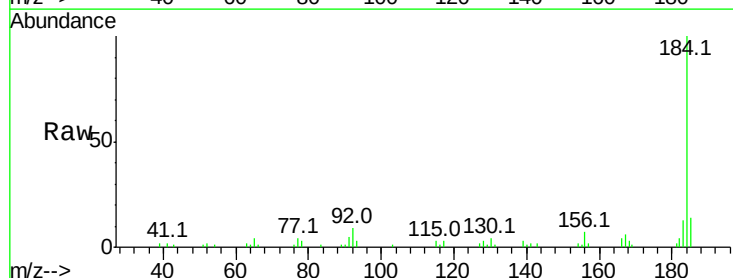
Delta R.T. 0.01 min

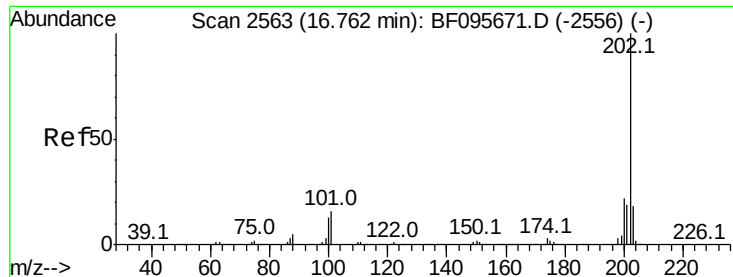
Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Tgt Ion:184 Resp: 51417

Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	12.8	9.8	14.6





#77

Pvrene

Concen: 49.70 ng

RT: 16.67 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

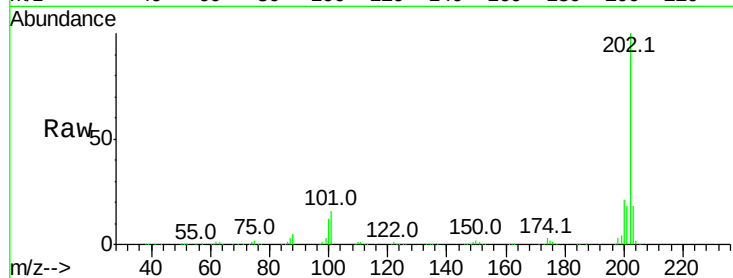
Tot Ion:202 Resp: 493686

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

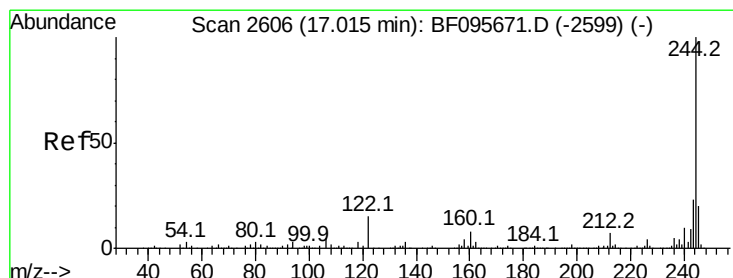
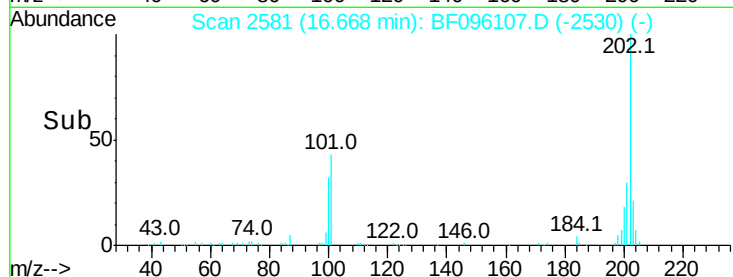
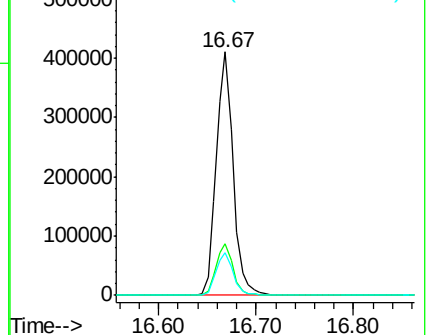
203 17.5 14.4 21.6



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: 109.08 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

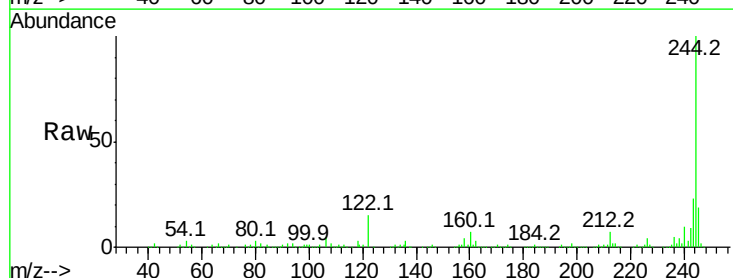
Tgt Ion:244 Resp: 585168

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

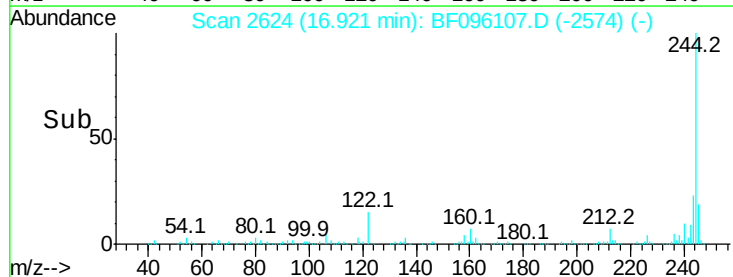
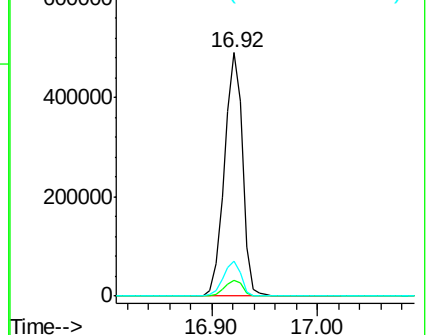
122 14.5 10.3 15.5

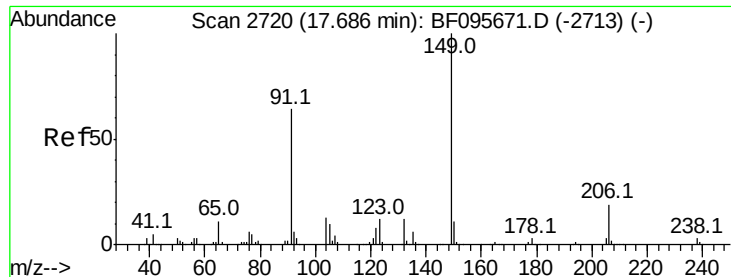


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.60 ng

RT: 17.59 min Scan# 2738

Delta R.T. 0.00 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

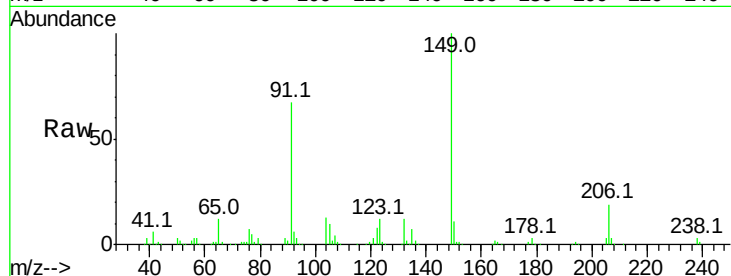
Tot Ion:149 Resp: 232531

Ion Ratio Lower Upper

149 100

91 66.9 45.0 67.4

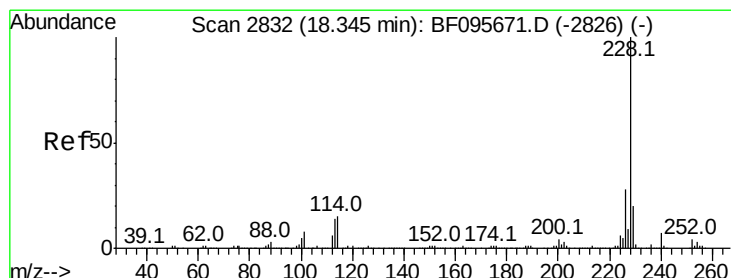
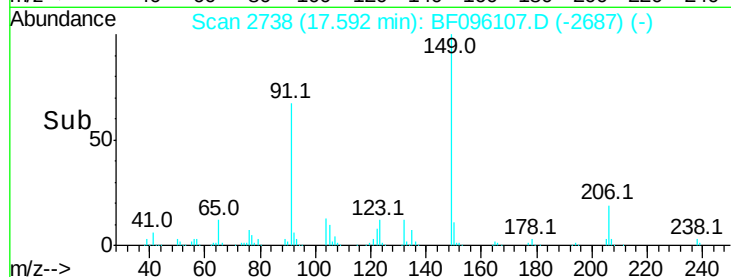
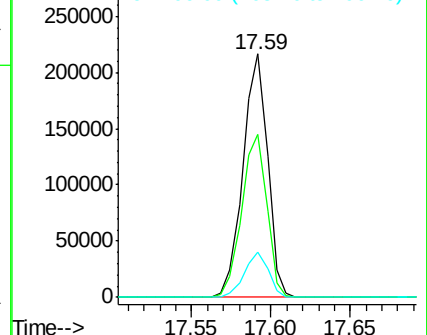
206 18.6 17.0 25.6



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: 47.77 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

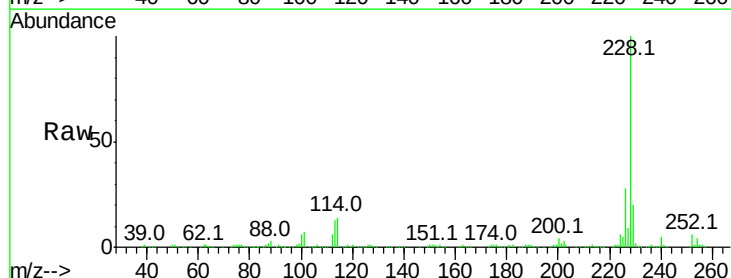
Tgt Ion:228 Resp: 369731

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

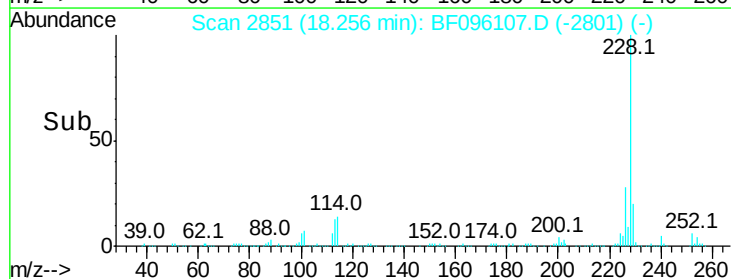
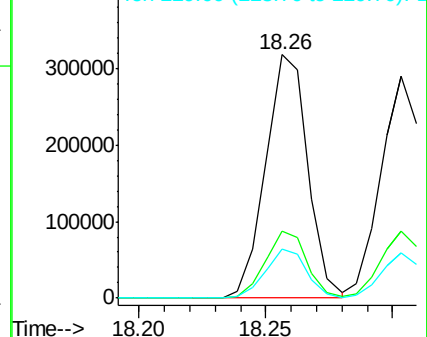
229 20.2 16.3 24.5

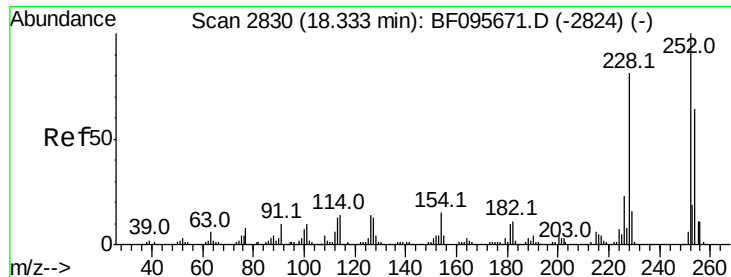


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

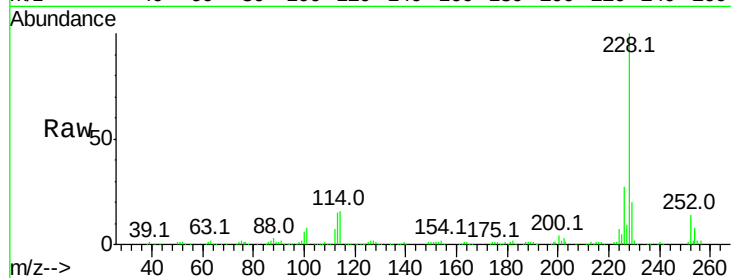




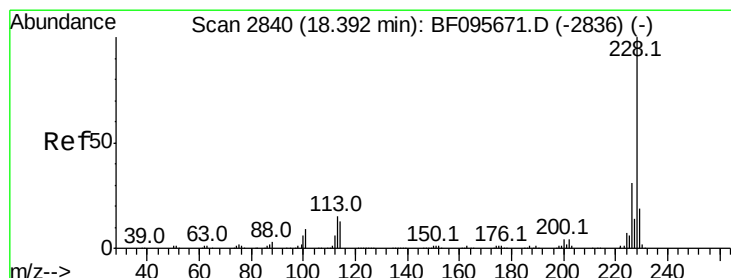
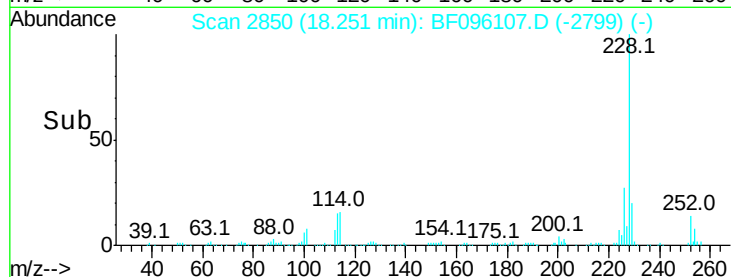
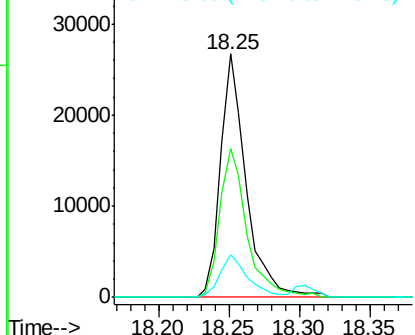
#81
 3,3'-Dichlorobenzidine
 Concen: 12.29 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 33830
 Ion Ratio Lower Upper
 252 100
 254 61.4 51.5 77.3
 126 17.5 15.8 23.8

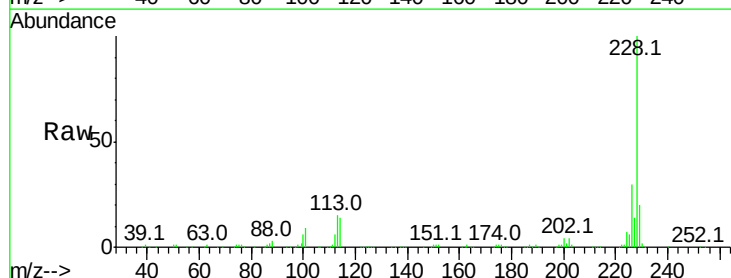


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

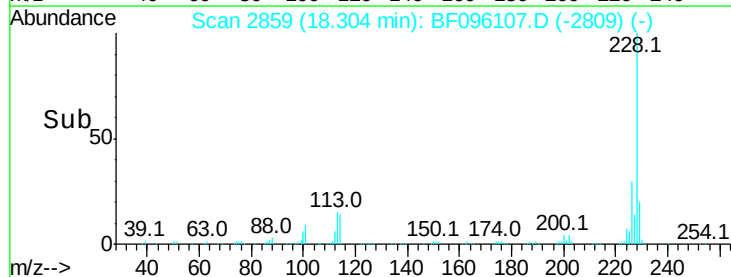
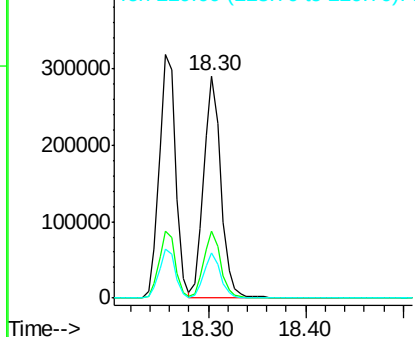


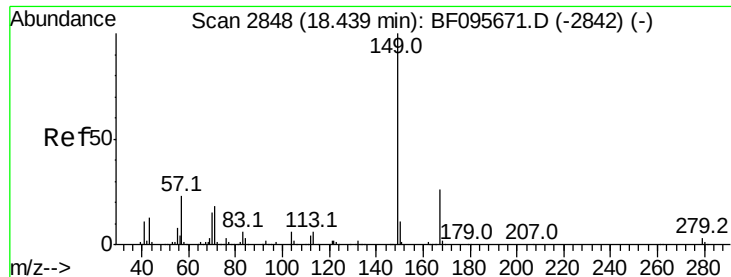
#82
 Chrysene
 Concen: 46.09 ng
 RT: 18.30 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:228 Resp: 356487
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.2 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

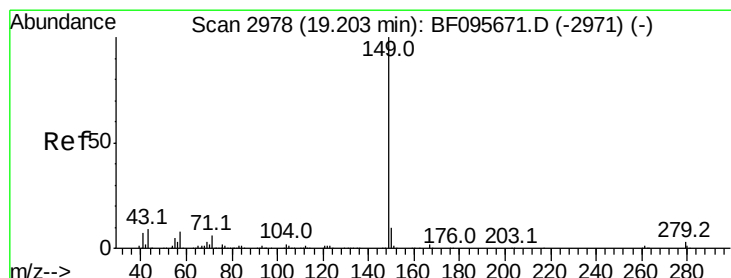
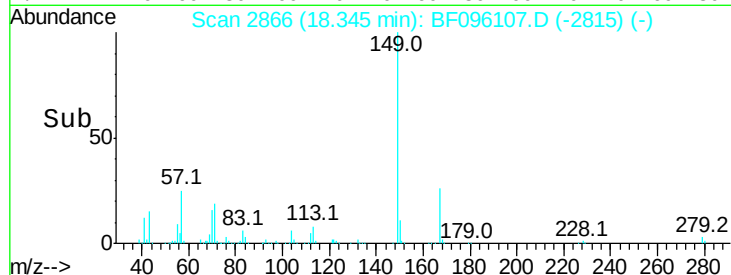
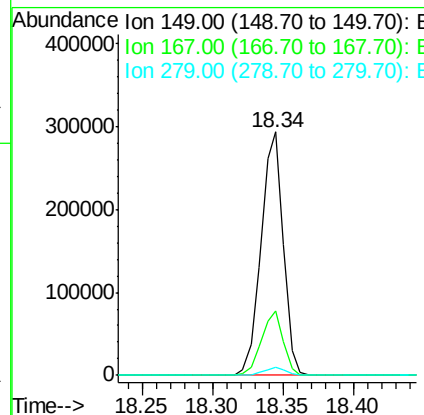
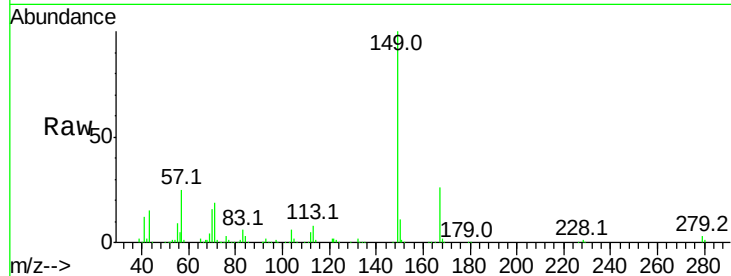




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.31 ng
 RT: 18.34 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

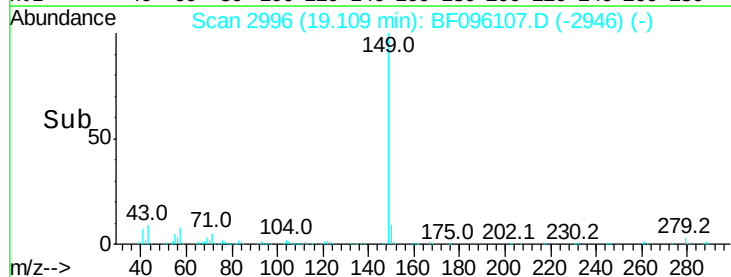
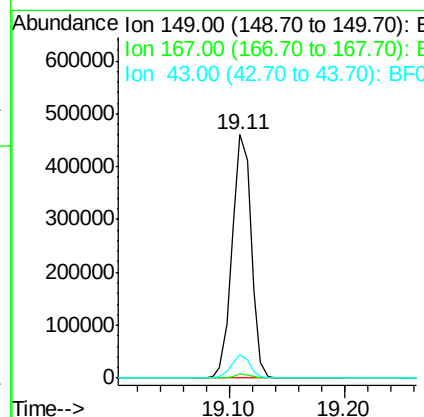
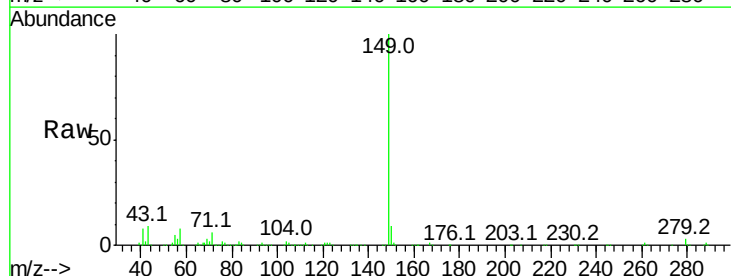
Instrument :
 BNA_F
 ClientSampleId :

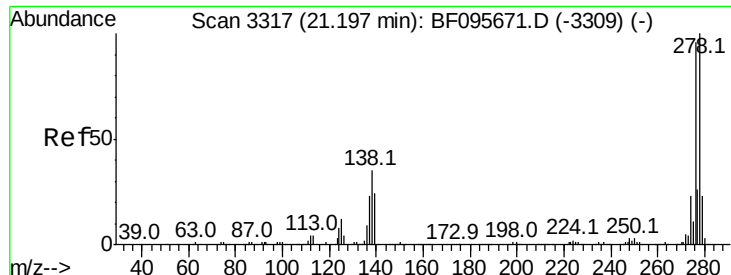
Tot Ion:149 Resp: 326259
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 52.38 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:149 Resp: 528200
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.5 12.7

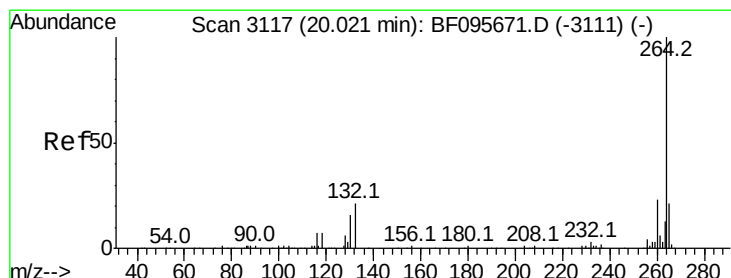
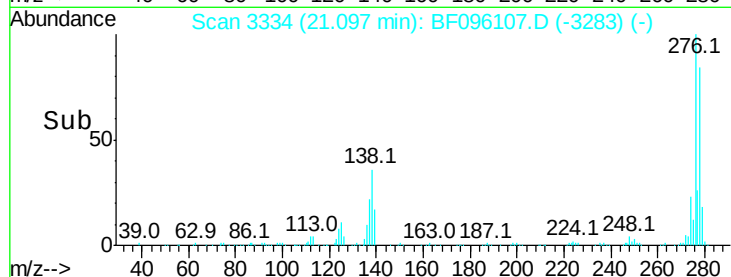
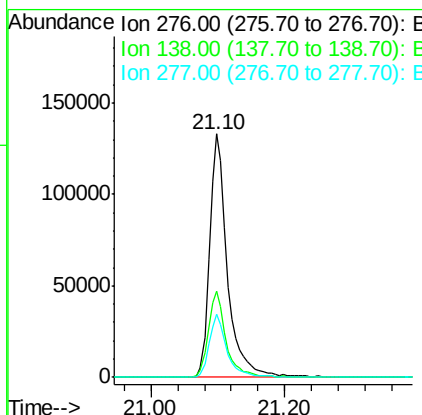
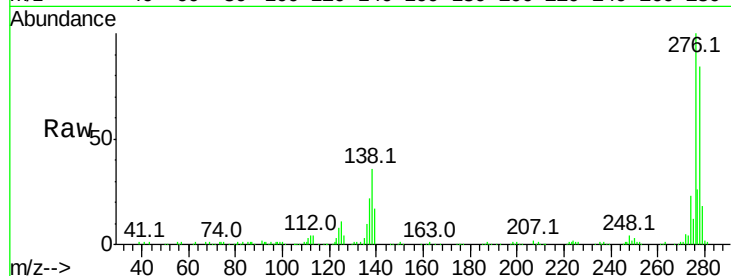




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.59 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

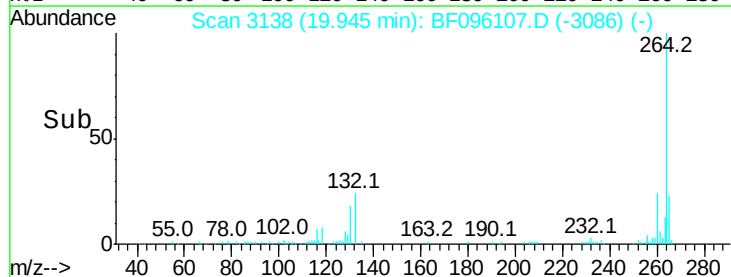
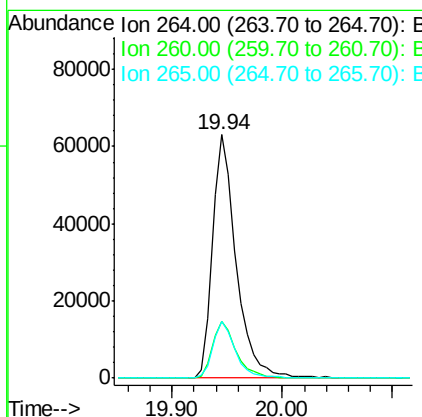
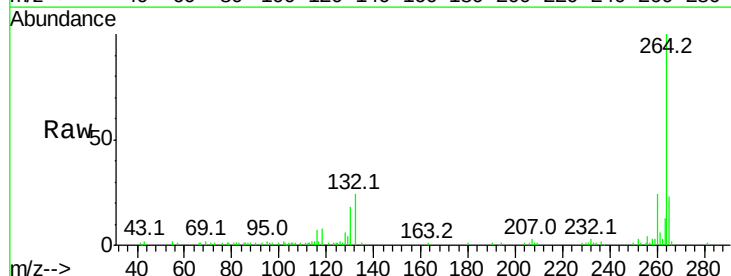
Instrument :
 BNA_F
 ClientSampleId :

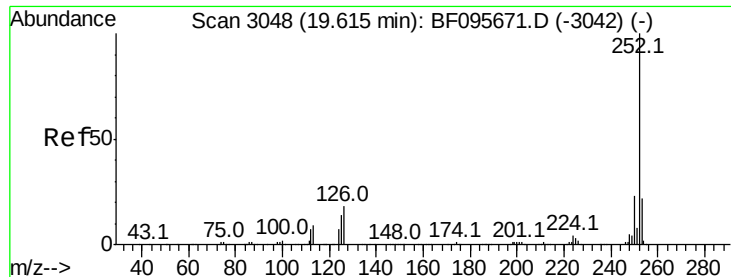
Tot Ion:276 Resp: 248790
 Ion Ratio Lower Upper
 276 100
 138 35.1 27.8 41.6
 277 25.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096107.D
 Acq: 22 Jun 2017 5:19

Tgt Ion:264 Resp: 92959
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 23.3 17.2 25.8

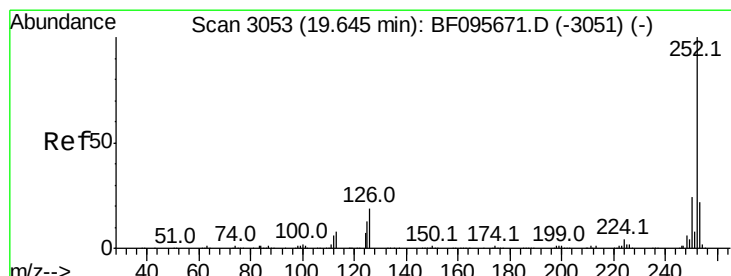
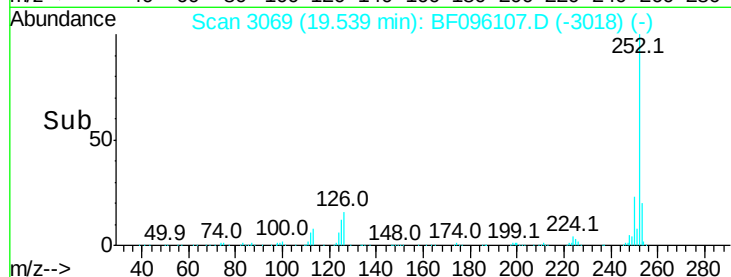
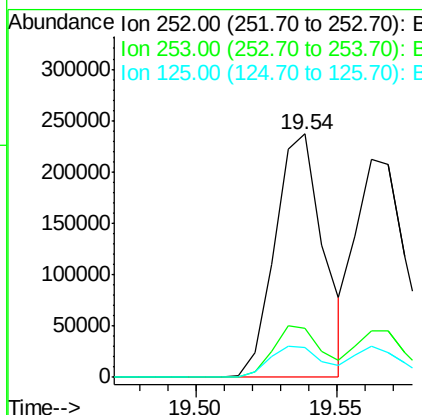
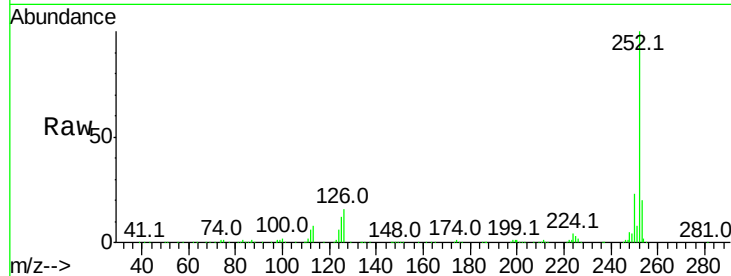




#87
Benzo(b)fluoranthene
Concen: 48.53 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

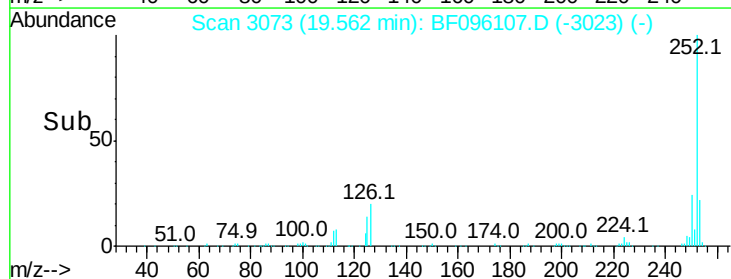
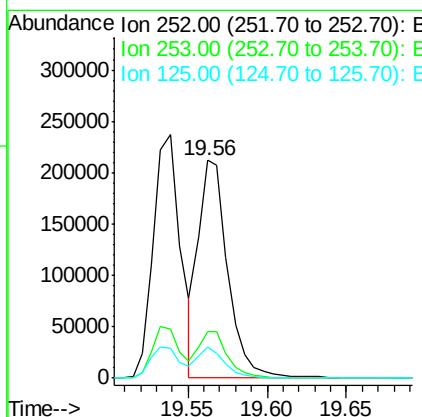
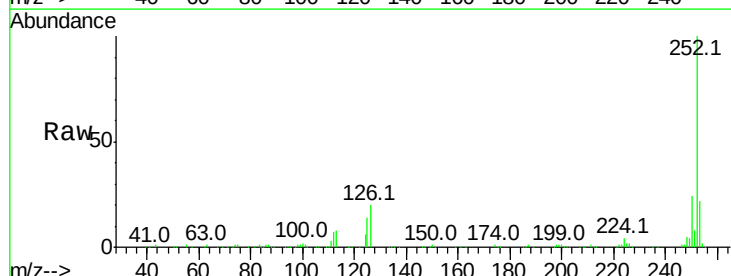
Instrument :
BNA_F
ClientSampleId :

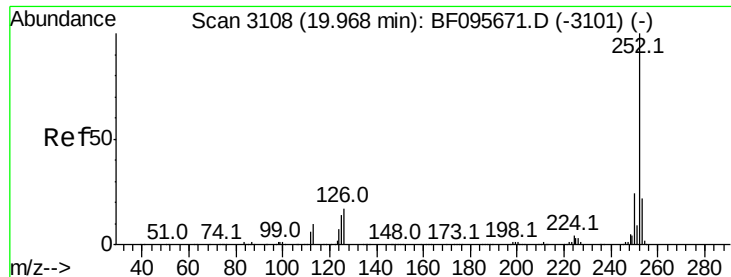
Tot Ion:252 Resp: 282465
Ion Ratio Lower Upper
252 100
253 20.0 18.1 27.1
125 12.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 49.07 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion:252 Resp: 273036
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 14.1 13.1 19.7

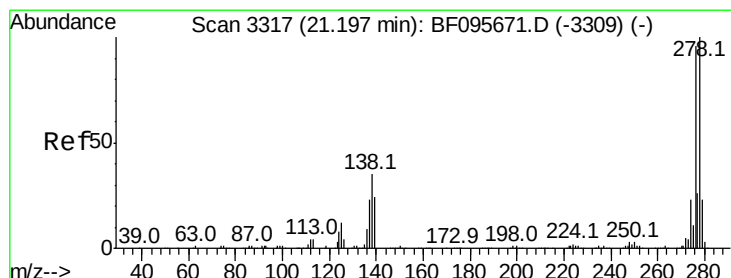
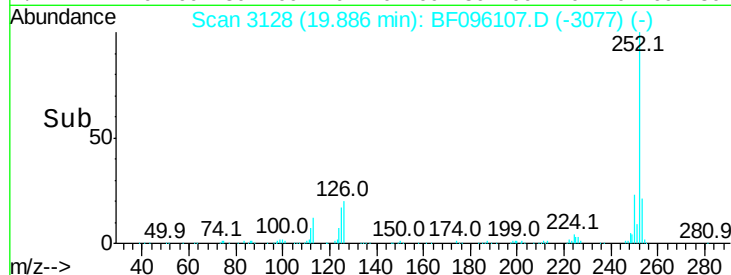
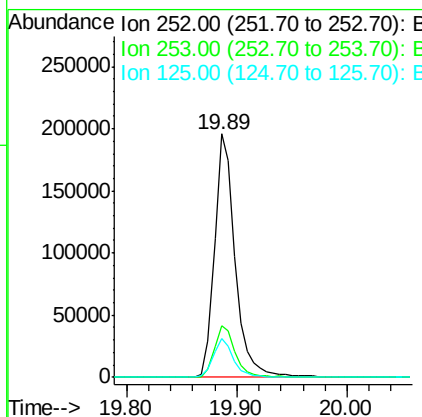
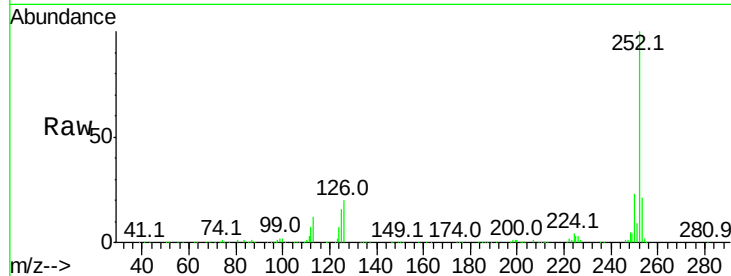




#89
Benzo(a)pyrene
Concen: 47.11 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

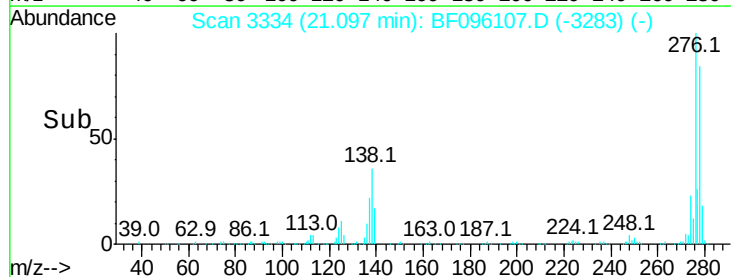
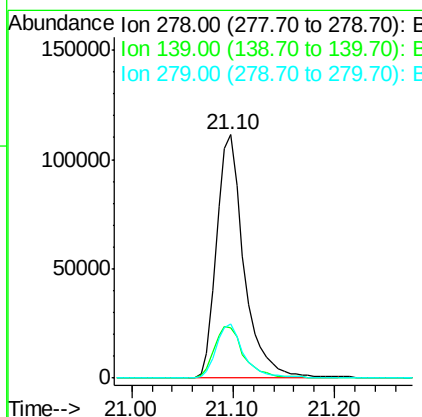
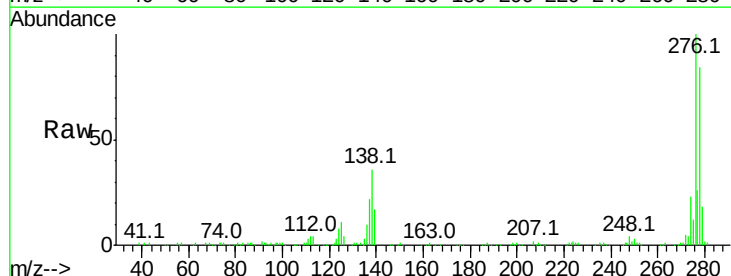
Instrument :
BNA_F
ClientSampleId :

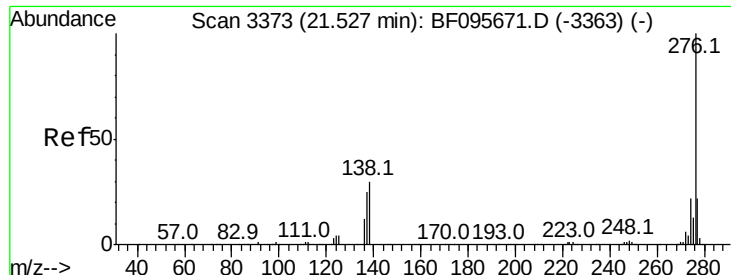
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	16.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.26 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096107.D
Acq: 22 Jun 2017 5:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.6	24.8
279	22.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.10 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096107.D

Acq: 22 Jun 2017 5:19

Instrument :

BNA_F

ClientSampleId :

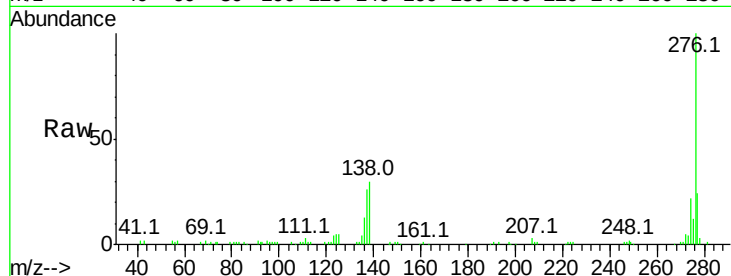
Tot Ion:276 Resp: 204058

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.5 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

