

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096112.D
 Acq On : 22 Jun 2017 8:01
 Operator : SJ/MA
 Sample : I3747-03MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 10:46:58 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	68977	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	271736	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	118218	20.00	ng	0.00
63) Phenanthrene-d10	14.53	188	161310	20.00	ng	0.00
75) Chrysene-d12	18.27	240	147068	20.00	ng	0.00
86) Perylene-d12	19.94	264	94666	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	845512	195.32	ng	0.01
7) Phenol-d6	6.88	99	805292	155.39	ng	0.00
23) Nitrobenzene-d5	8.22	82	477040	109.03	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	137098	131.07	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	887495	104.47	ng	0.00
78) Terphenyl-d14	16.92	244	553430	93.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	108962	52.91	ng	90
3) Pyridine	2.19	79	230816	47.69	ng	96
4) n-Nitrosodimethylamine	2.16	42	103860	56.45	ng	86
6) Aniline	6.80	93	184308	27.19	ng	95
8) 2-Chlorophenol	6.99	128	251781	54.70	ng	95
9) Benzaldehyde	6.62	77	71080	20.33	ng	95
10) Phenol	6.89	94	325626	60.57	ng	92
11) bis(2-Chloroethyl)ether	6.94	93	231203	54.29	ng	99
12) 1,3-Dichlorobenzene	7.19	146	250453	48.07	ng	97
13) 1,4-Dichlorobenzene	7.32	146	256658	48.58	ng	97
14) 1,2-Dichlorobenzene	7.55	146	243820	50.06	ng	97
15) Benzyl Alcohol	7.61	79	194552	54.70	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.79	45	324281	54.20	ng	98
17) 2-Methylphenol	7.85	107	230692	59.72	ng	96
18) Hexachloroethane	8.06	117	62182	35.64	ng	# 83
19) n-Nitroso-di-n-propylamine	8.04	70	174295	53.07	ng	92
20) 3+4-Methylphenols	8.12	107	296820	60.54	ng	# 56
22) Acetophenone	7.99	105	350602	55.12	ng	# 83
24) Nitrobenzene	8.25	77	243218	52.04	ng	95
25) Isophorone	8.65	82	425831	52.12	ng	98
26) 2-Nitrophenol	8.76	139	84707	34.61	ng	97
27) 2,4-Dimethylphenol	8.92	122	230531	60.69	ng	98
28) bis(2-Chloroethoxy)methane	9.03	93	286695	53.24	ng	97
29) 2,4-Dichlorophenol	9.20	162	190933	52.20	ng	99
30) 1,2,4-Trichlorobenzene	9.26	180	182424	47.93	ng	100
31) Naphthalene	9.36	128	666557	48.88	ng	99
32) Benzoic acid	9.25	122	13894	10.35	ng	# 12
33) 4-Chloroaniline	9.53	127	93129	17.47	ng	# 90
34) Hexachlorobutadiene	9.58	225	92482	47.02	ng	98
35) Caprolactam	10.13	113	48643	44.69	ng	93
36) 4-Chloro-3-methylphenol	10.41	107	190936	49.86	ng	90
37) 2-Methylnaphthalene	10.49	142	452084	49.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	181721	51.36	ng	98
42) 2,4,6-Trichlorophenol	11.01	196	111917	49.20	ng	98

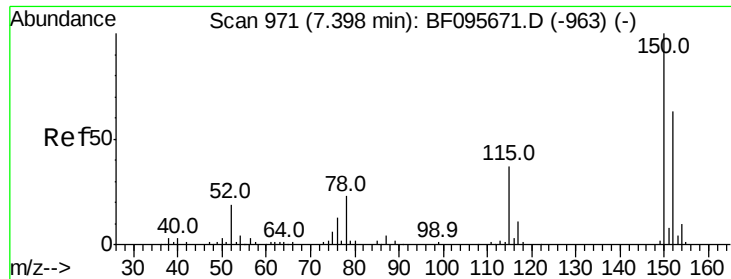
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096112.D
 Acq On : 22 Jun 2017 8:01
 Operator : SJ/MA
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.12	196	118334	48.91	nq	94
45) 1,1'-Biphenyl	11.25	154	506400	51.97	nq	97
46) 2-Chloronaphthalene	11.27	162	376637	49.47	nq	96
47) 2-Nitroaniline	11.50	65	112707	50.59	nq	# 82
48) Acenaphthylene	11.92	152	571556	43.91	nq	98
49) Dimethylphthalate	11.82	163	605193	67.42	nq	98
50) 2,6-Dinitrotoluene	11.91	165	82293	42.03	nq	# 63
51) Acenaphthene	12.20	154	306005	40.70	nq	97
52) 3-Nitroaniline	12.18	138	94543	41.45	nq	89
54) Dibenzofuran	12.49	168	494174	46.70	nq	98
55) 4-Nitrophenol	12.65	139	69447	53.76	nq	# 72
56) 2,4-Dinitrotoluene	12.59	165	101738	38.47	nq	# 95
57) Fluorene	13.04	166	352043	38.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.75	232	68111	41.14	nq	# 97
59) Diethylphthalate	12.95	149	379170	43.89	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	162718	40.63	nq	89
61) 4-Nitroaniline	13.18	138	109507	51.42	nq	97
62) Azobenzene	13.32	77	361213	46.14	nq	96
65) n-Nitrosodiphenylamine	13.28	169	346872	59.84	nq	99
66) 4-Bromophenyl-phenylether	13.84	248	95547	56.99	nq	97
67) Hexachlorobenzene	13.93	284	89991	54.47	nq	# 86
68) Atrazine	14.20	200	88729	55.00	nq	96
69) Pentachlorophenol	14.31	266	29822	50.28	nq	99
70) Phenanthrene	14.57	178	478125	51.37	nq	98
71) Anthracene	14.66	178	476468	49.03	nq	98
72) Carbazole	14.97	167	492338	51.99	nq	97
73) Di-n-butylphthalate	15.56	149	606405	60.19	nq	98
74) Fluoranthene	16.36	202	583625	63.35	nq	98
76) Benzidine	16.60	184	182954	32.39	nq	# 91
77) Pyrene	16.67	202	532126	48.49	nq	98
79) Butylbenzylphthalate	17.59	149	261264	54.52	nq	# 86
80) Benzo(a)anthracene	18.26	228	428616	50.13	nq	98
81) 3,3'-Dichlorobenzidine	18.24	252	120675	39.70	nq	# 97
82) Chrysene	18.30	228	382235	44.73	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	382026	56.51	nq	# 99
84) Di-n-octyl phthalate	19.11	149	531289	47.69	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	246725	33.75	nq	98
87) Benzo(b)fluoranthene	19.53	252	291142	49.12	nq	97
88) Benzo(k)fluoranthene	19.56	252	268525	47.39	nq	95
89) Benzo(a)pyrene	19.89	252	258982	47.53	nq	98
90) Dibenzo(a,h)anthracene	21.10	278	204895	44.33	nq	98
91) Benzo(g,h,i)perylene	21.43	276	230203	48.86	nq	96

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

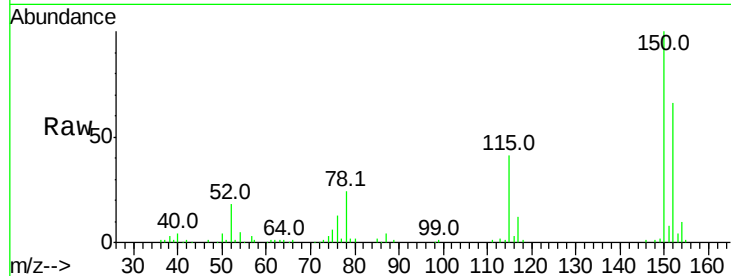


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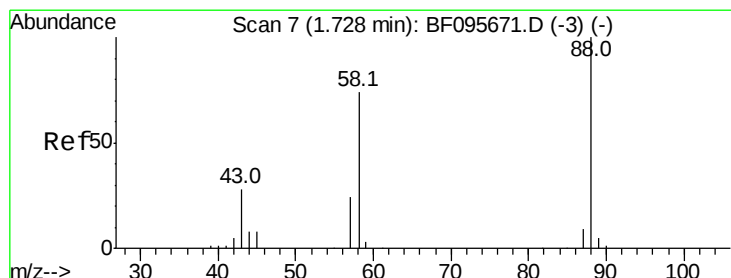
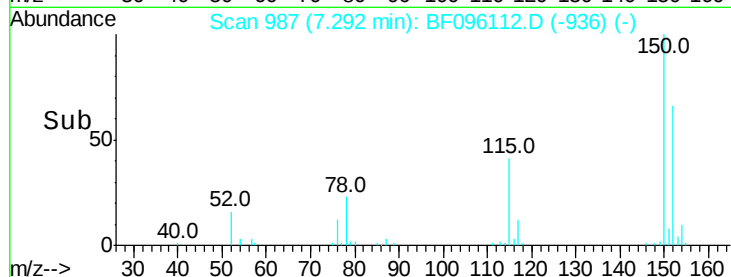
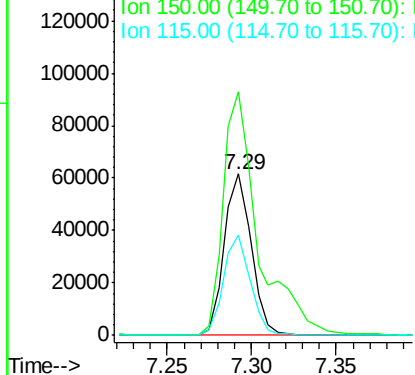
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68977
Ion Ratio Lower Upper
152 100
150 150.7 126.2 189.2
115 61.7 52.2 78.2



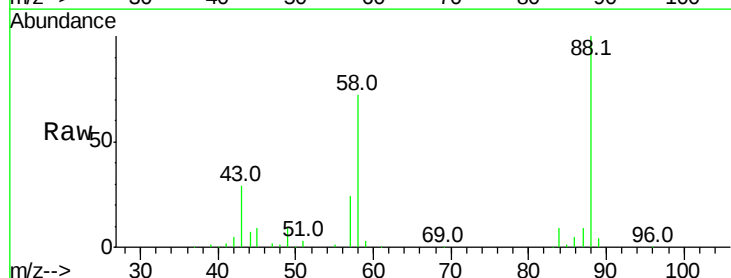
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



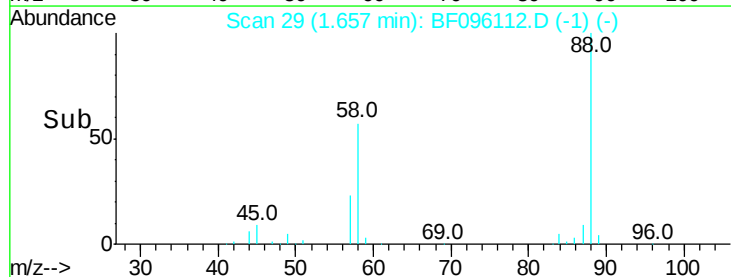
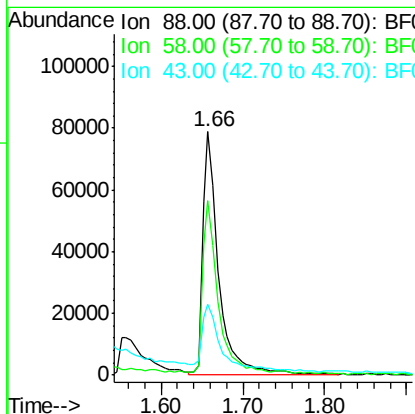
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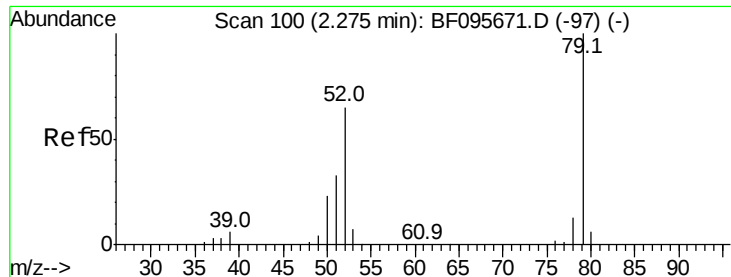
1,4-Dioxane
Concen: 52.91 ng
RT: 1.66 min Scan# 29
Delta R.T. 0.05 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion: 88 Resp: 108962
Ion Ratio Lower Upper
88 100
58 65.3 61.4 92.0
43 29.8 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

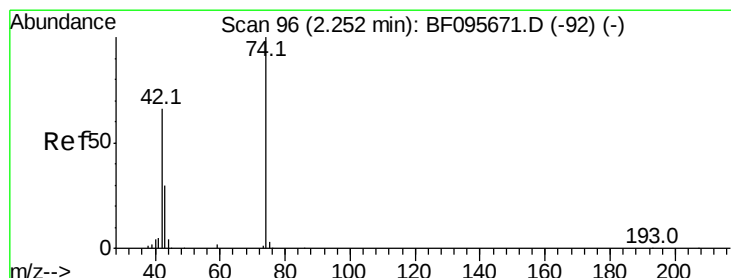
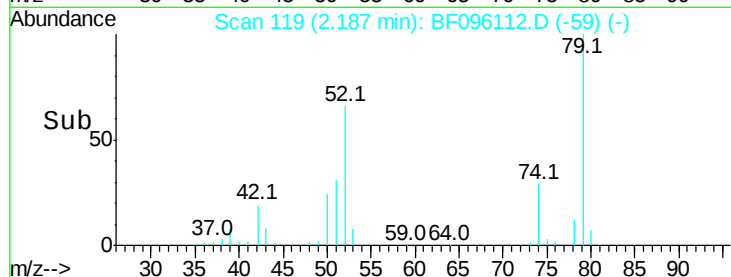
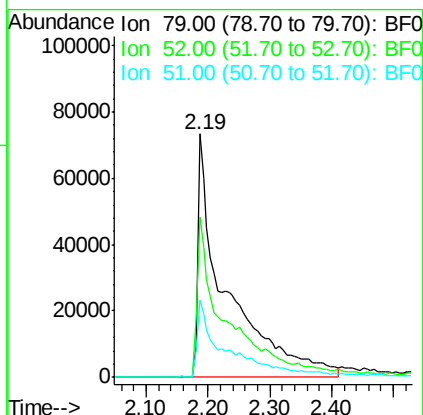
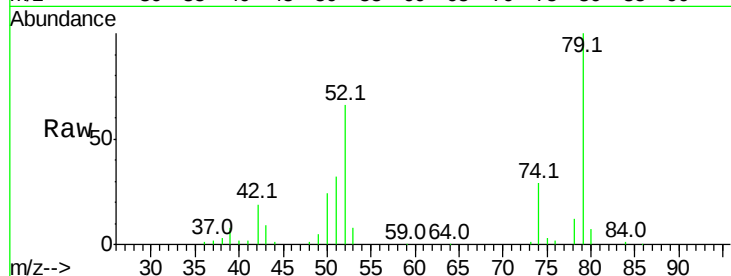




#3
 Pvridine
 Concen: 47.69 ng
 RT: 2.19 min Scan# 119
 Delta R.T. 0.05 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

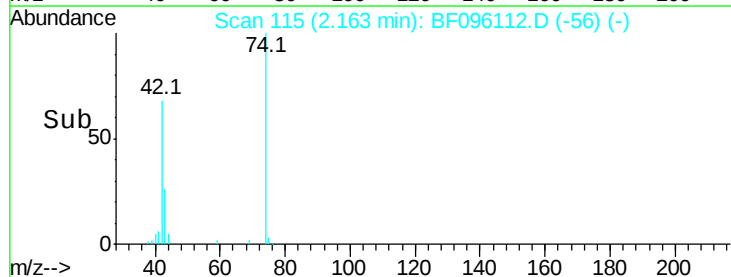
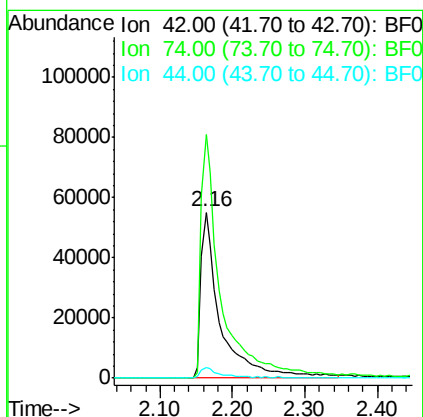
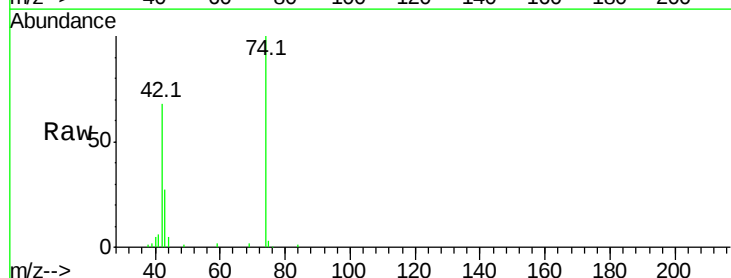
Instrument :
 BNA_F
 ClientSampleId :

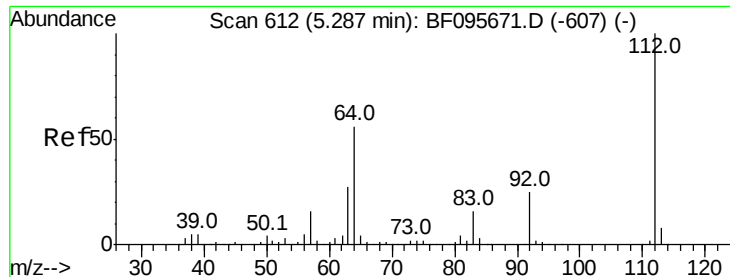
Tot Ion: 79 Resp: 230816
 Ion Ratio Lower Upper
 79 100
 52 65.7 54.8 82.2
 51 31.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 56.45 ng
 RT: 2.16 min Scan# 115
 Delta R.T. 0.05 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Tgt Ion: 42 Resp: 103860
 Ion Ratio Lower Upper
 42 100
 74 146.9 103.9 155.9
 44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 195.32 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096112.D

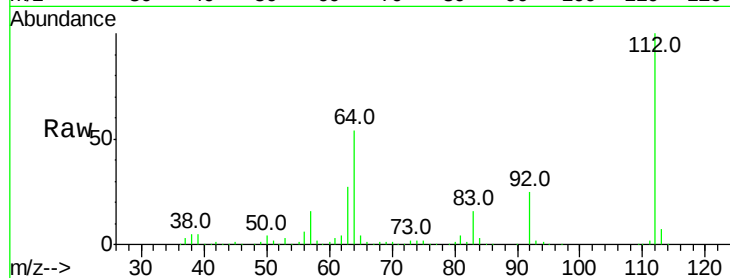
Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

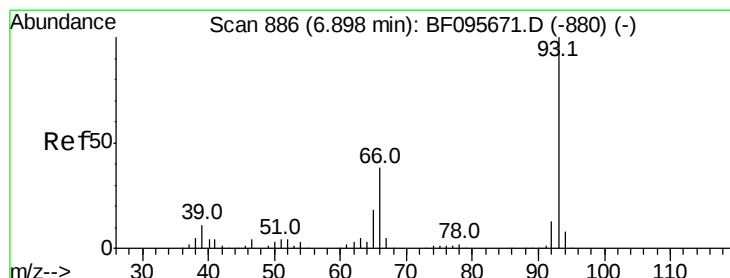
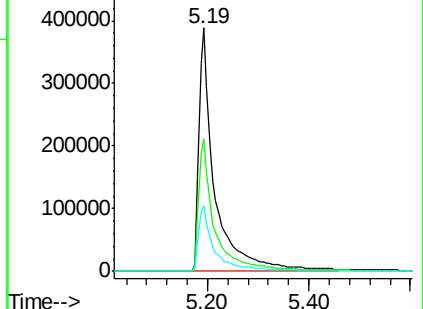
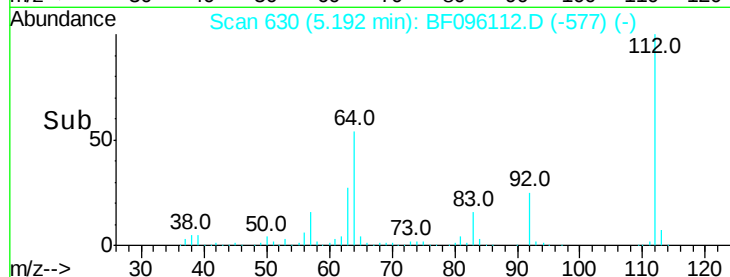
Tot Ion:	112	Resp:	845512
Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	27.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.19 ng

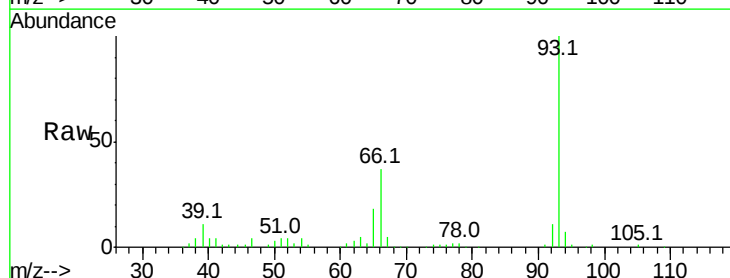
RT: 6.80 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

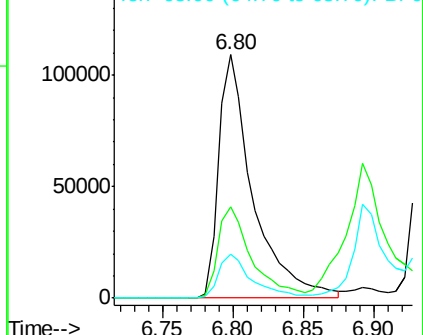
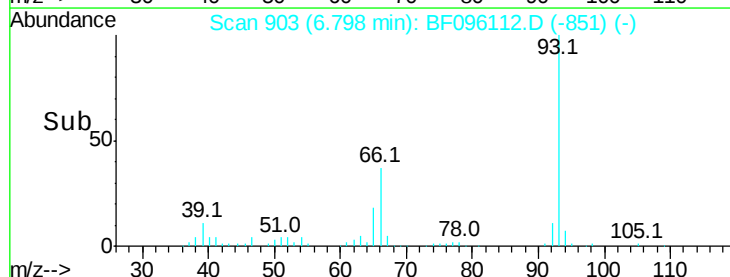
Tgt Ion:	93	Resp:	184308
Ion	Ratio	Lower	Upper
93	100		
66	37.4	32.9	49.3
65	18.2	16.0	24.0

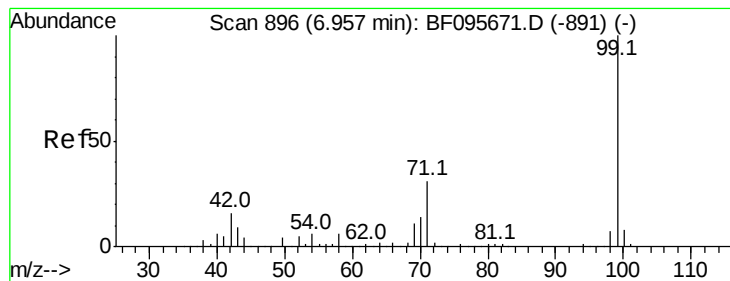


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 155.39 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

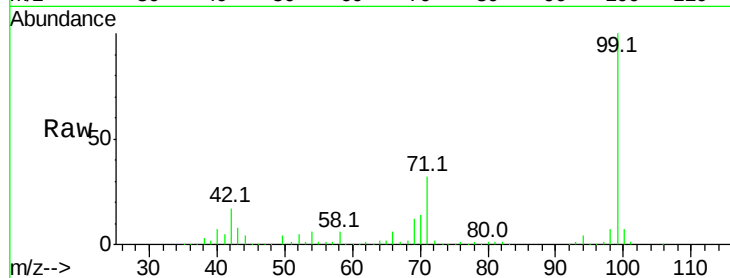
Tot Ion: 99 Resp: 805292

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

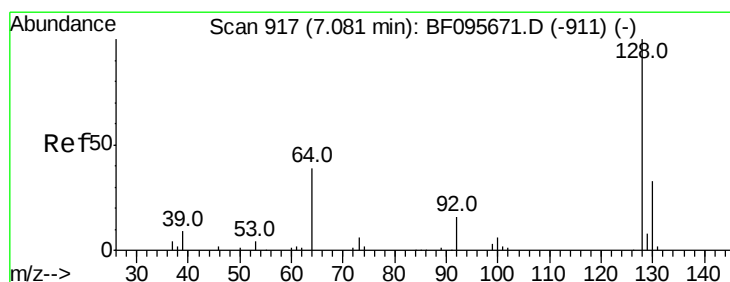
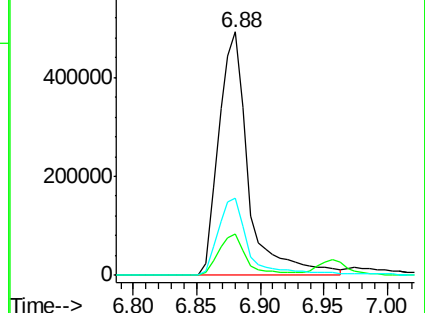
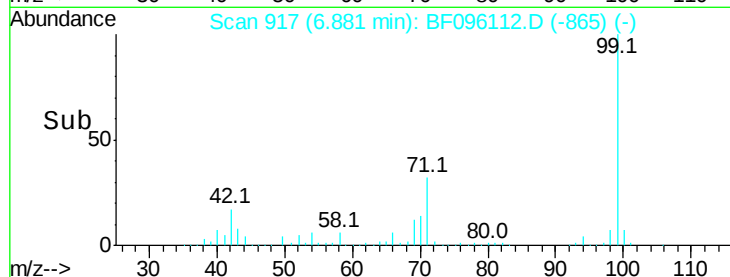
71 31.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 54.70 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

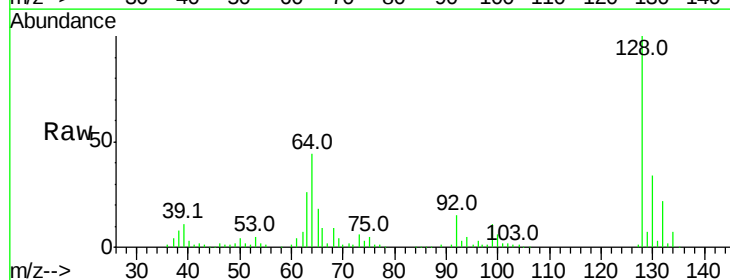
Tgt Ion:128 Resp: 251781

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

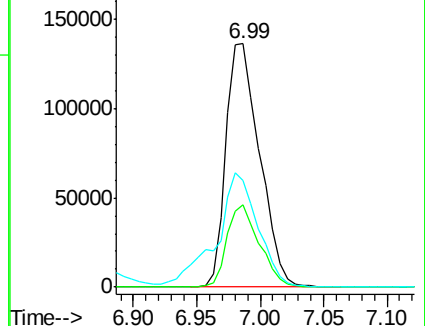
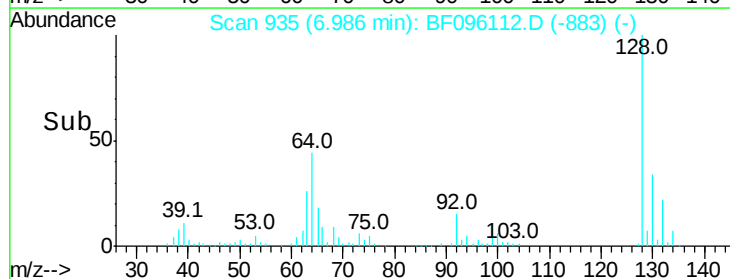
64 43.8 28.4 68.4

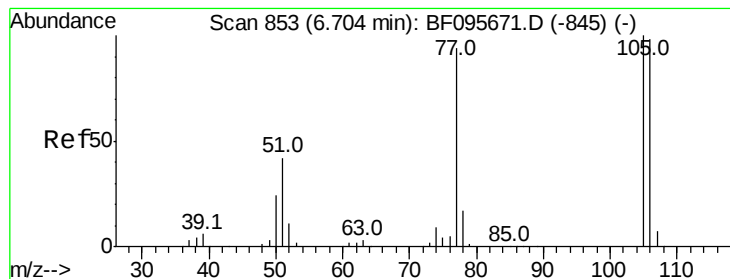


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.33 ng

RT: 6.62 min Scan# 872

Delta R.T. 0.02 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

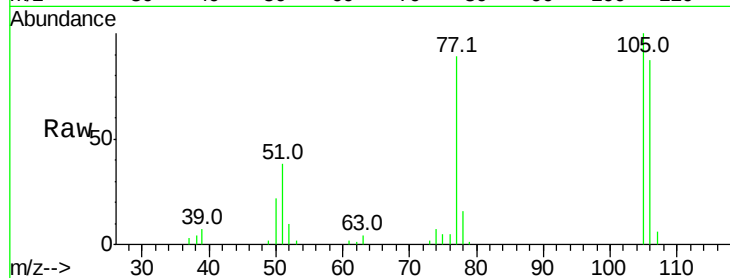
Tot Ion: 77 Resp: 71080

Ion Ratio Lower Upper

77 100

105 111.8 83.8 123.8

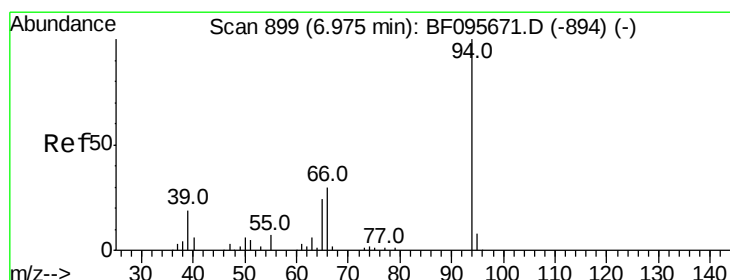
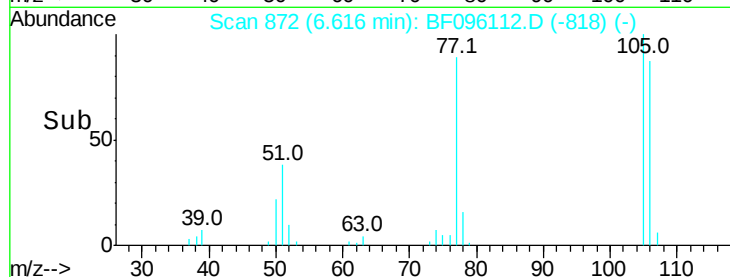
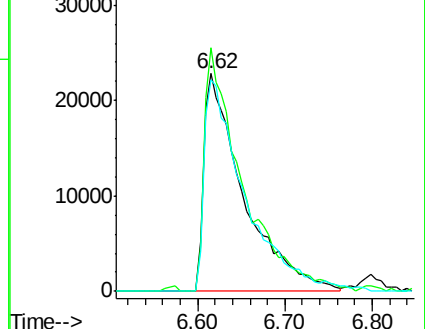
106 97.1 79.1 119.1



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: 60.57 ng

RT: 6.89 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

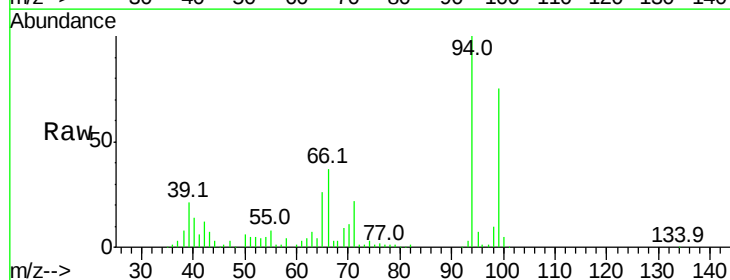
Tgt Ion: 94 Resp: 325626

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

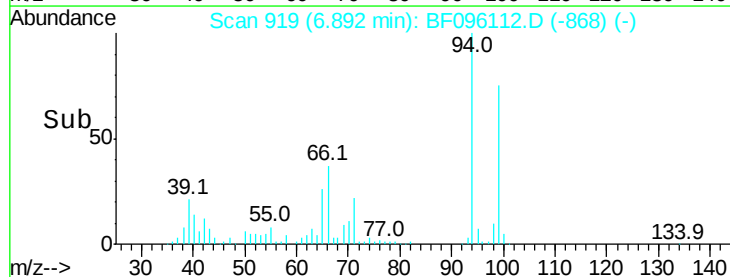
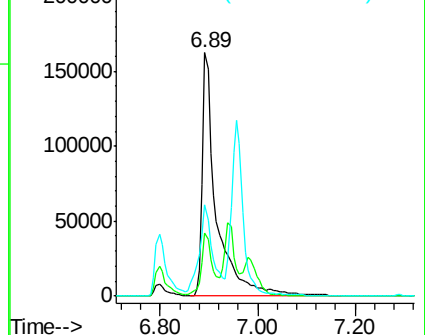
66 37.3 23.1 63.1

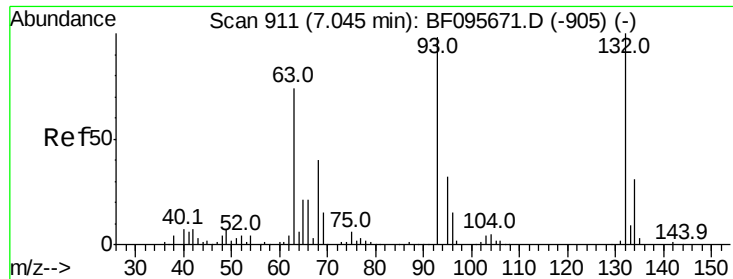


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 54.29 ng

RT: 6.94 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

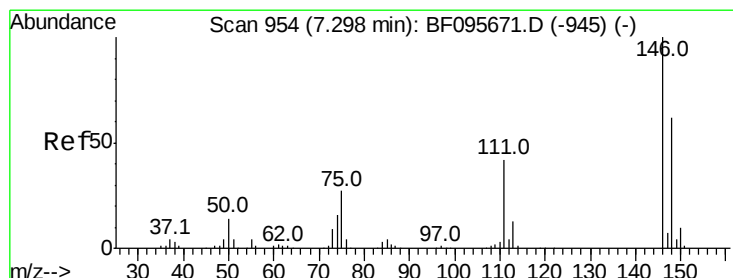
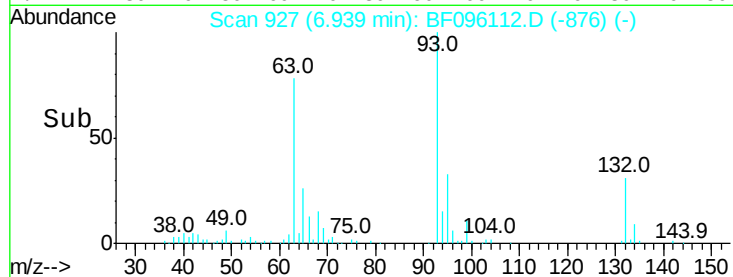
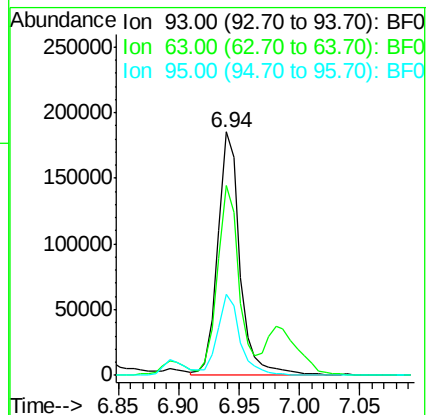
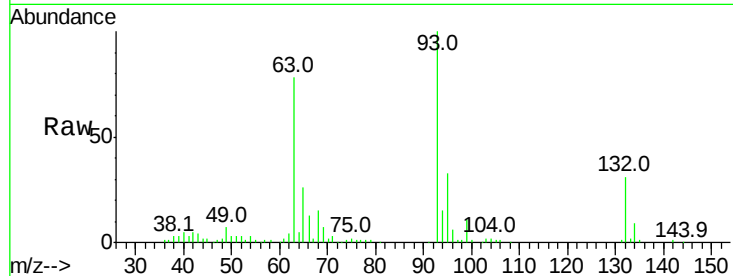
Tot Ion: 93 Resp: 231203

Ion Ratio Lower Upper

93 100

63 78.0 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 48.07 ng

RT: 7.19 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

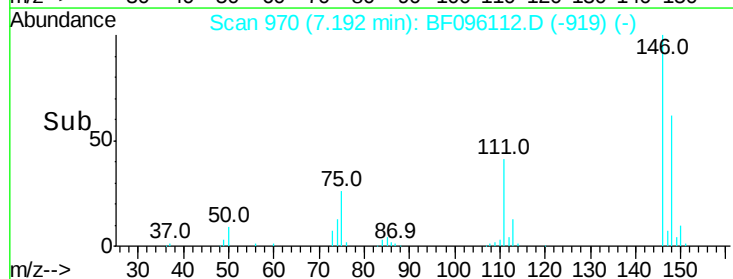
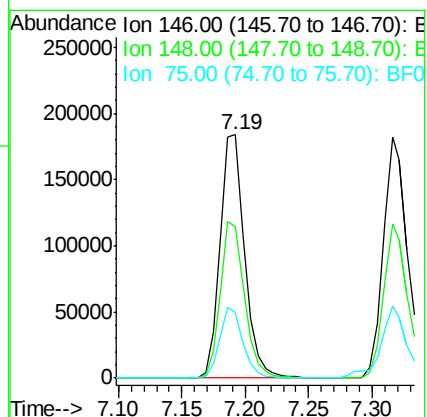
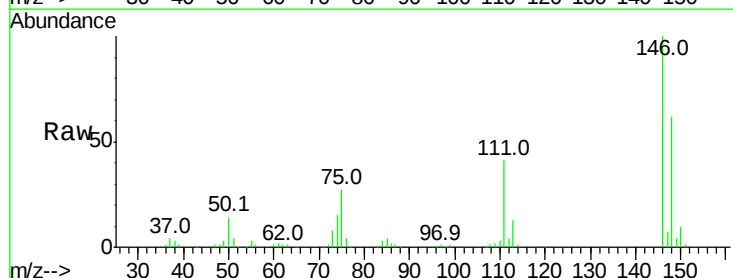
Tgt Ion: 146 Resp: 250453

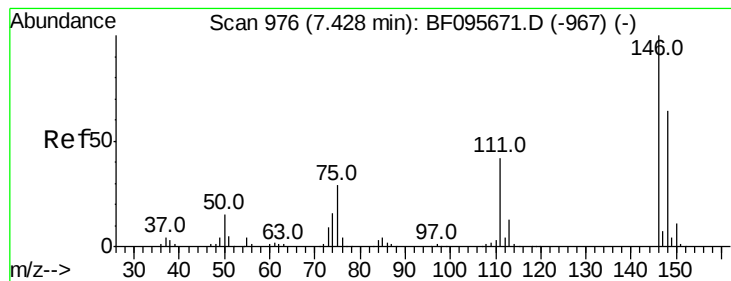
Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

75 26.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 48.58 ng

RT: 7.32 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampled :

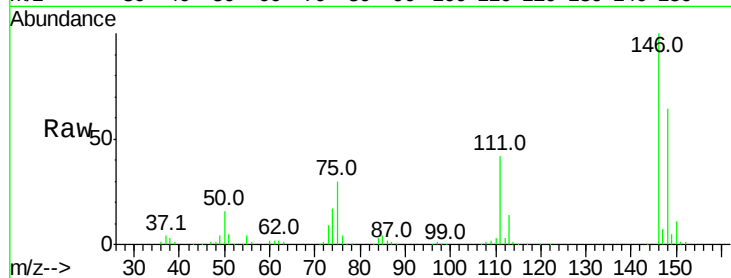
Tot Ion:146 Resp: 256658

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

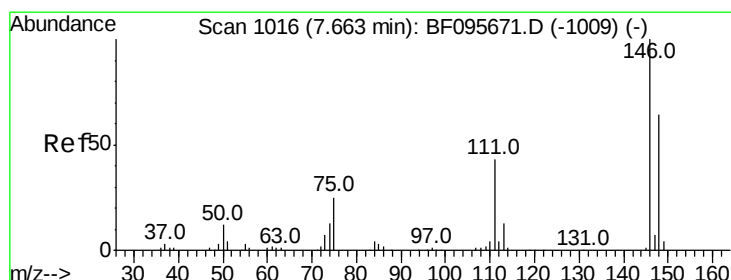
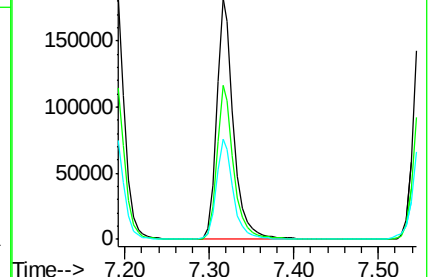
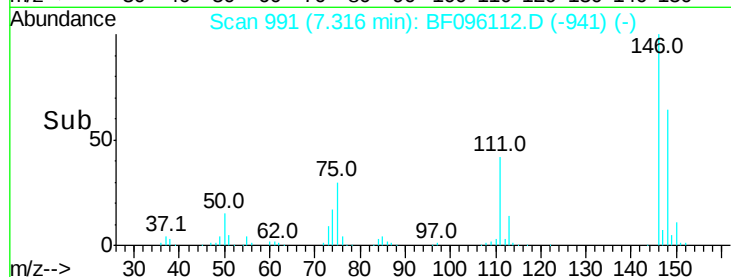
111 41.9 30.3 45.5



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: 50.06 ng

RT: 7.55 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

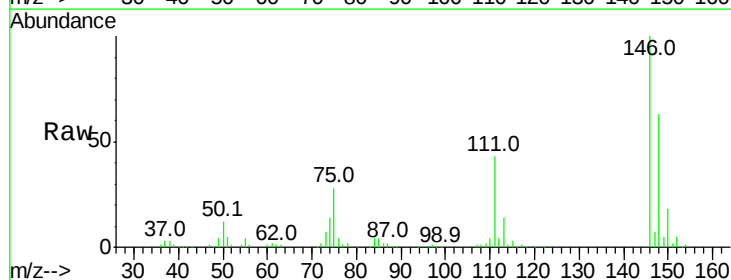
Tgt Ion:146 Resp: 243820

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

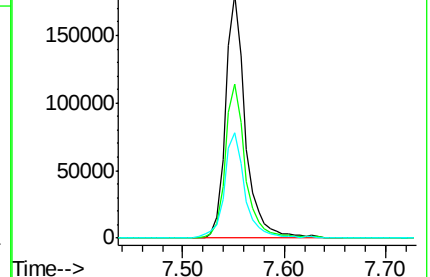
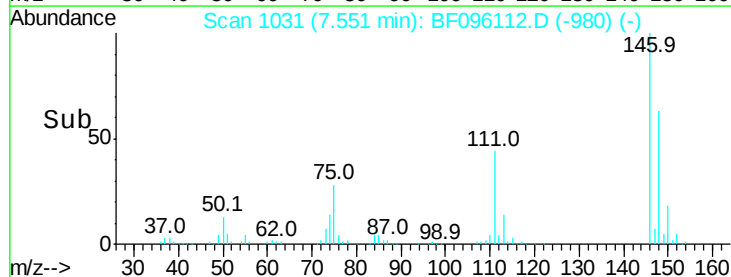
111 43.4 38.2 57.4

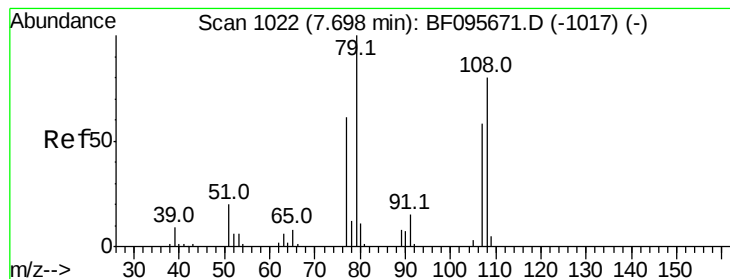


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.70 ng

RT: 7.61 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

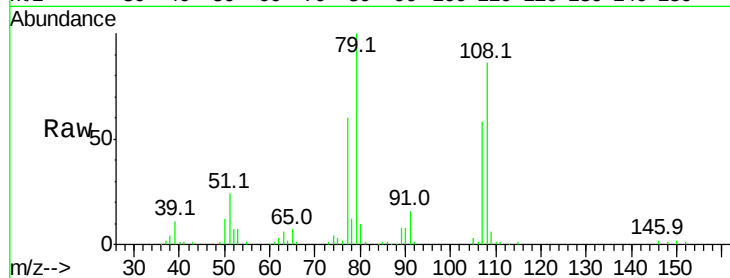
Tot Ion: 79 Resp: 194552

Ion Ratio Lower Upper

79 100

108 85.6 63.4 95.0

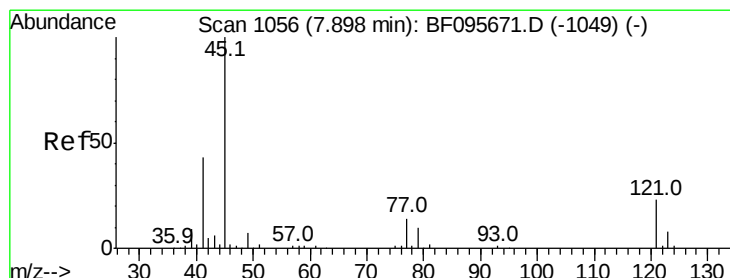
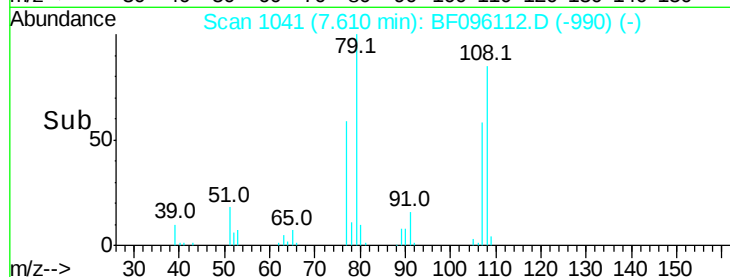
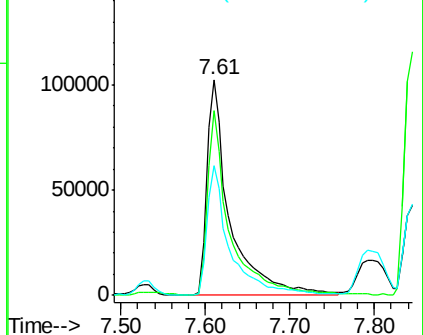
77 59.9 49.2 73.8



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: 54.20 ng

RT: 7.79 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

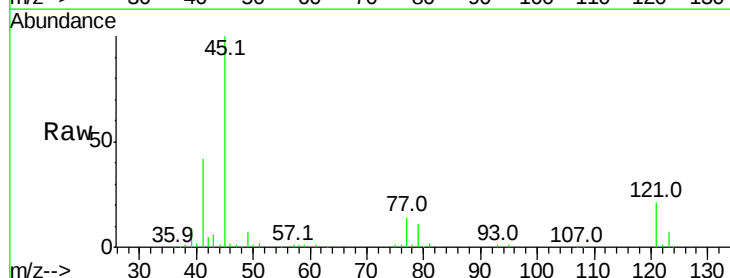
Tgt Ion: 45 Resp: 324281

Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.2

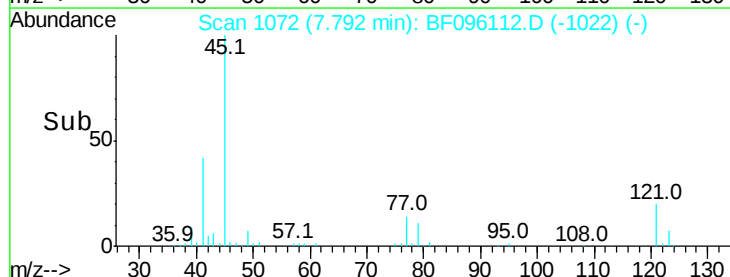
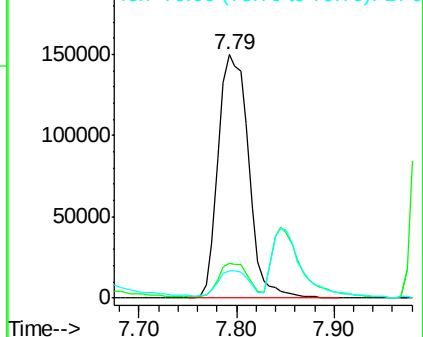
79 11.0 0.0 30.0

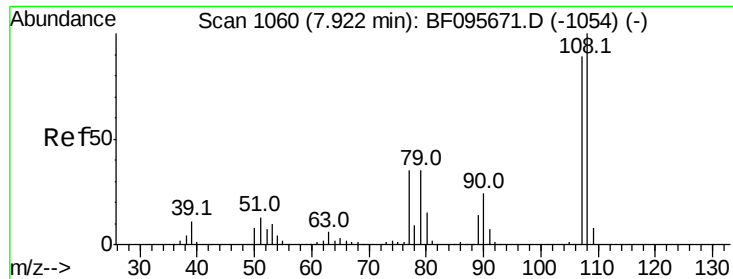


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

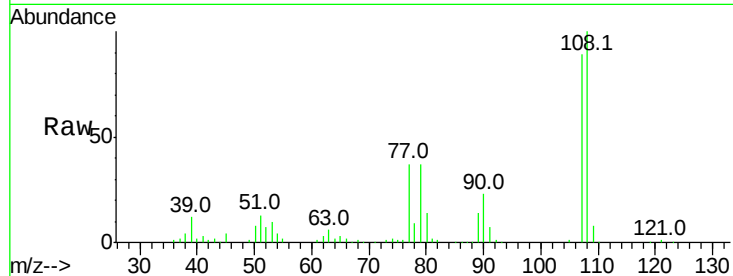




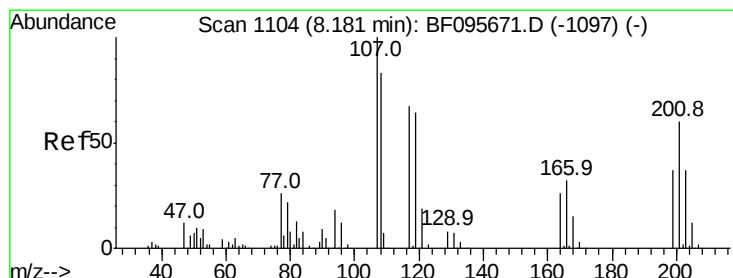
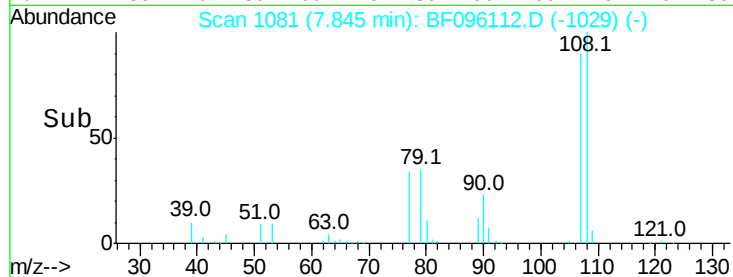
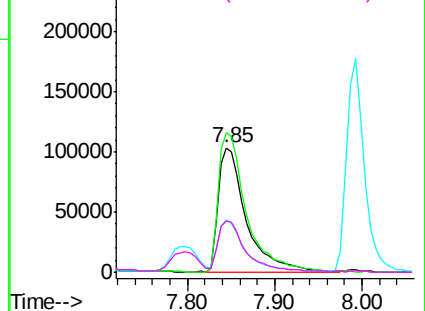
#17
2-Methylphenol
Concen: 59.72 ng
RT: 7.85 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	230692
Ion	Ratio	Lower	Upper
107	100		
108	112.1	93.4	140.0
77	41.9	35.8	53.6
79	41.3	34.8	52.2

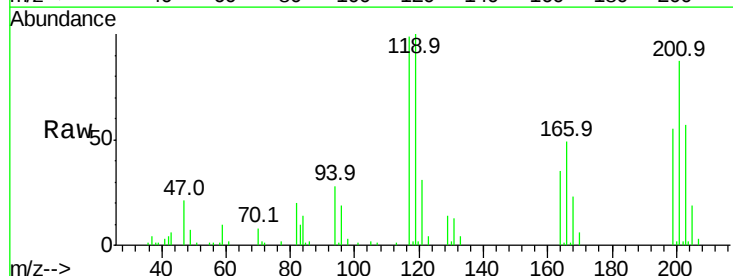


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

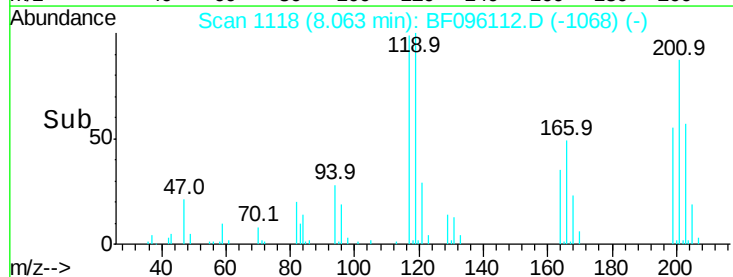
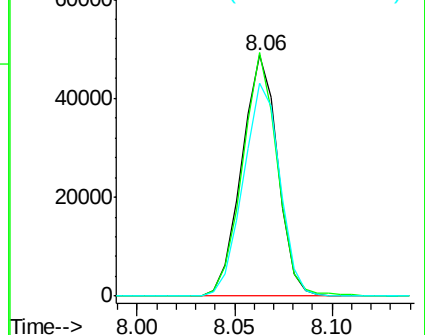


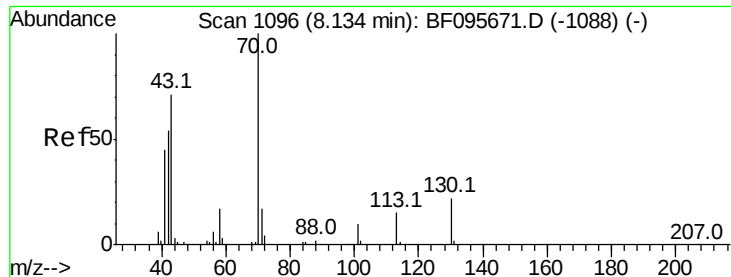
#18
Hexachloroethane
Concen: 35.64 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:	117	Resp:	62182
Ion	Ratio	Lower	Upper
117	100		
119	101.3	77.4	116.0
201	88.3	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: 53.07 ng

RT: 8.04 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 174295

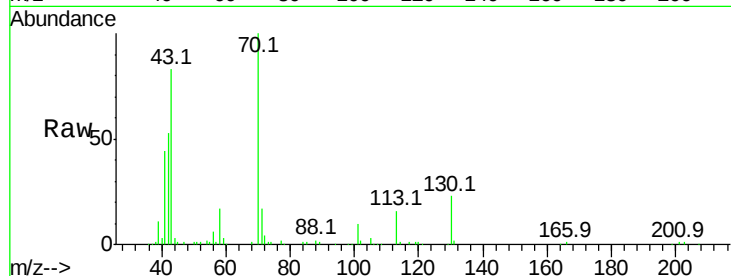
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	9.7	7.2	10.8
130	23.4	15.9	23.9

70 100

42 52.6 47.2 70.8

101 9.7 7.2 10.8

130 23.4 15.9 23.9

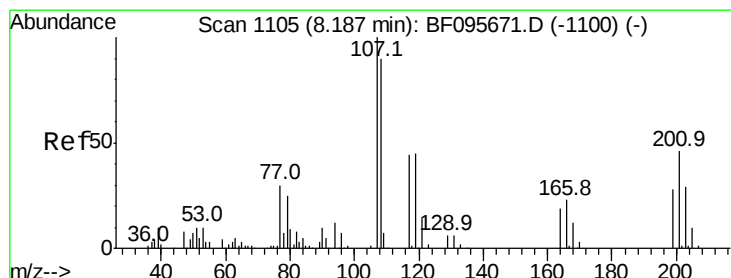
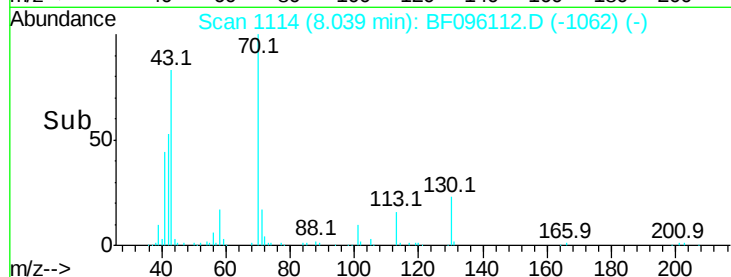
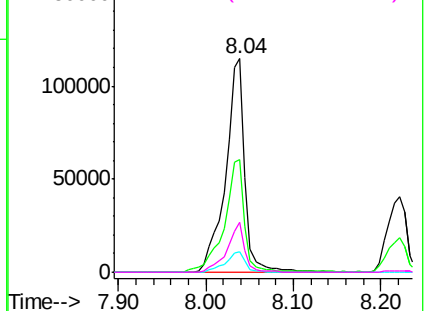


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 60.54 ng

RT: 8.12 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Tgt Ion:107 Resp: 296820

Ion	Ratio	Lower	Upper
107	100		
108	79.8	71.0	111.0
77	27.4	90.5	130.5#
79	20.3	8.4	48.4

107 100

108 79.8 71.0 111.0

77 27.4 90.5 130.5#

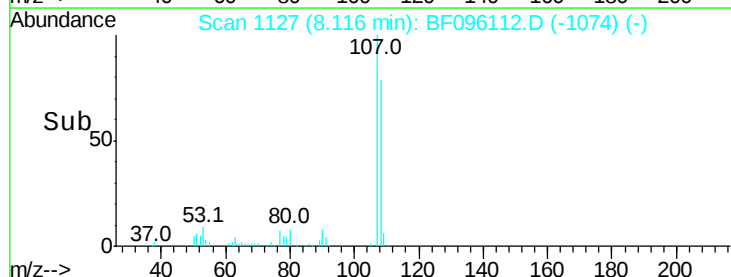
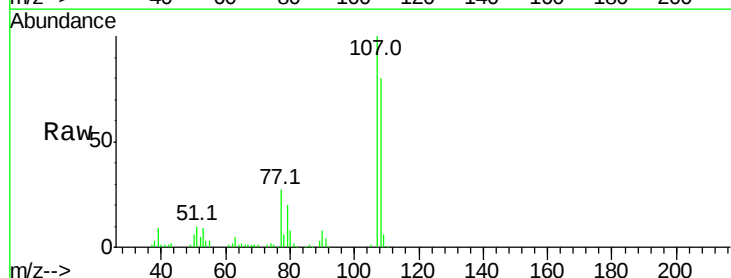
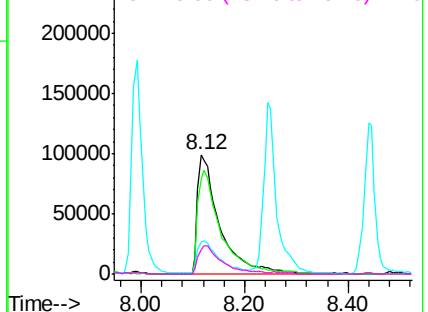
79 20.3 8.4 48.4

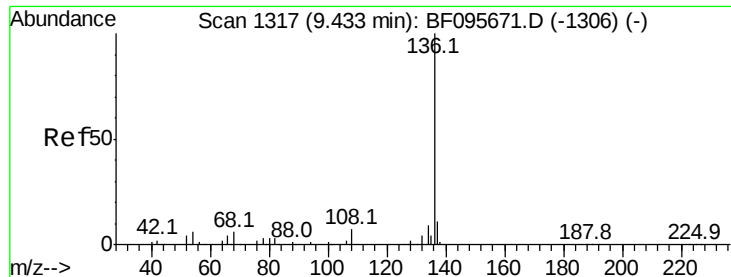
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 271736

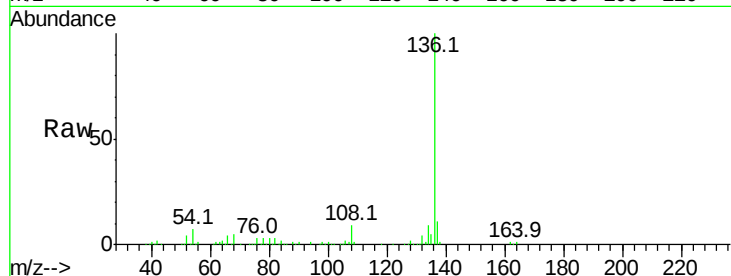
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

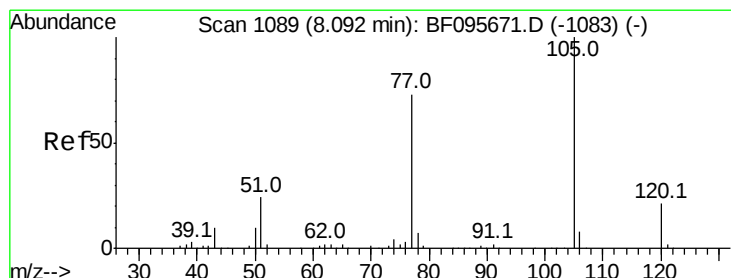
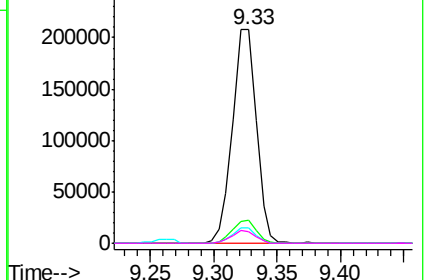
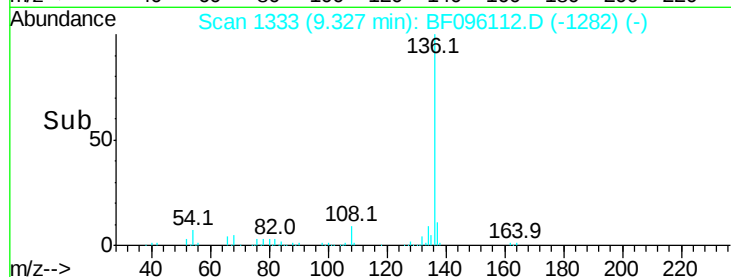


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 55.12 ng

RT: 7.99 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Tgt Ion:105 Resp: 350602

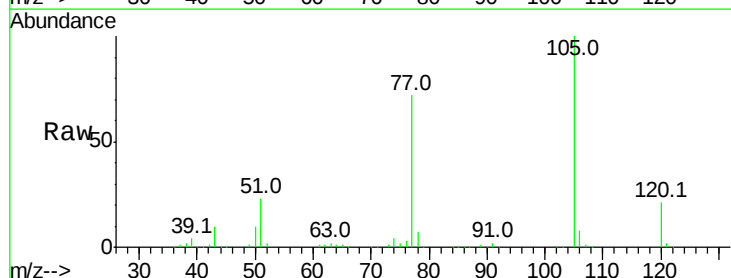
Ion Ratio Lower Upper

105 100

71 0.1 2.8 4.2#

51 23.0 30.7 46.1#

120 20.9 17.4 26.0

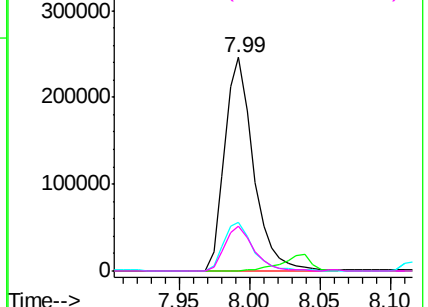
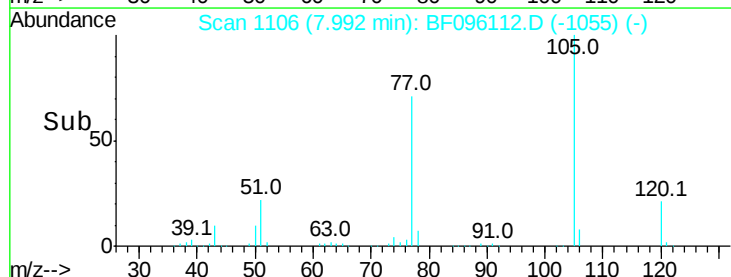


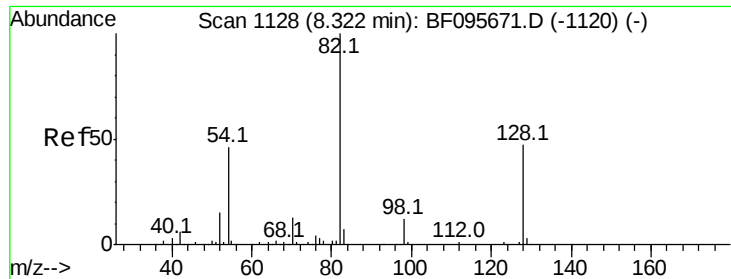
Abundance Ion 105.00 (104.70 to 105.70): E

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

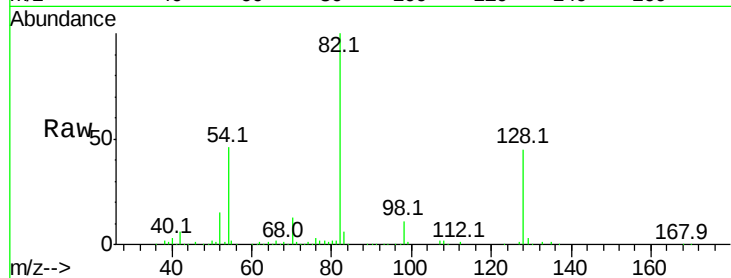




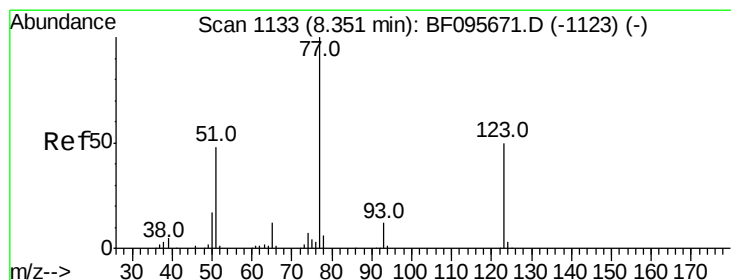
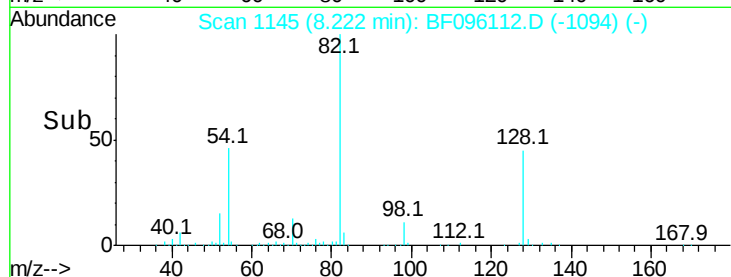
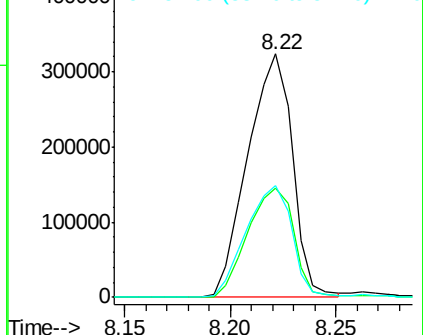
#23
Nitrobenzene-d5
Concen: 109.03 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 477040
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 45.7 42.2 63.2

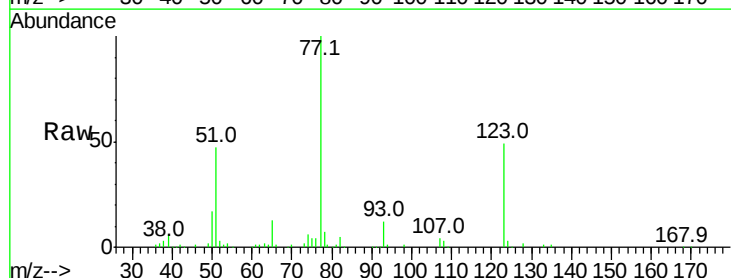


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

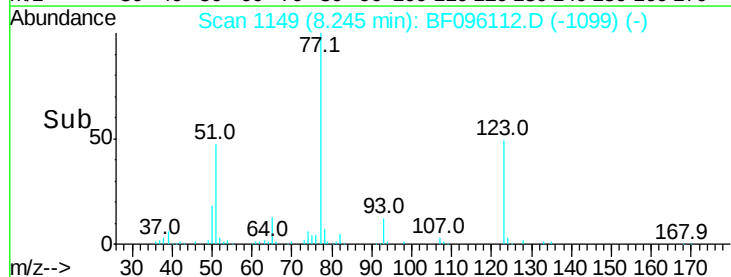
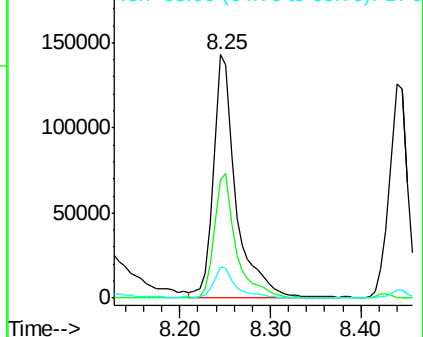


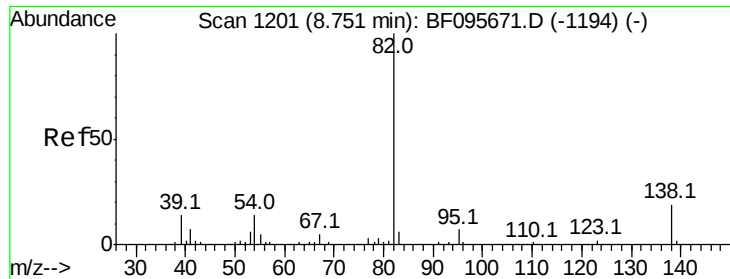
#24
Nitrobenzene
Concen: 52.04 ng
RT: 8.25 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion: 77 Resp: 243218
Ion Ratio Lower Upper
77 100
123 48.6 35.8 53.8
65 12.6 10.6 15.8



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





#25

Isophorone

Concen: 52.12 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

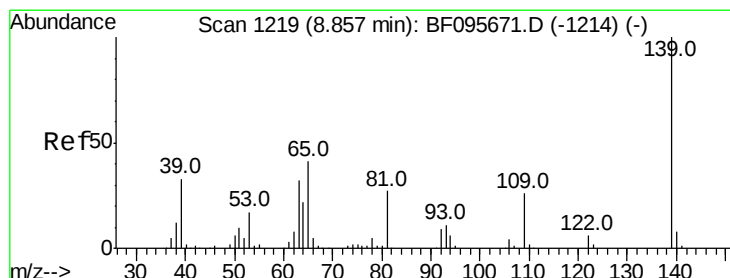
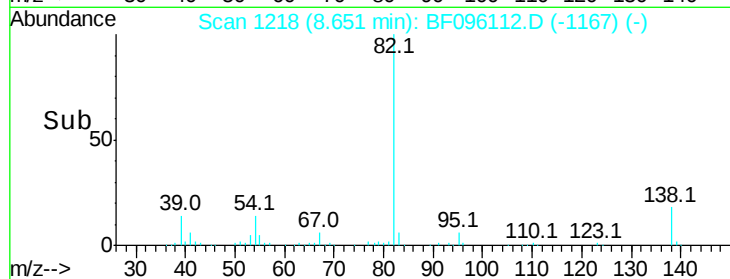
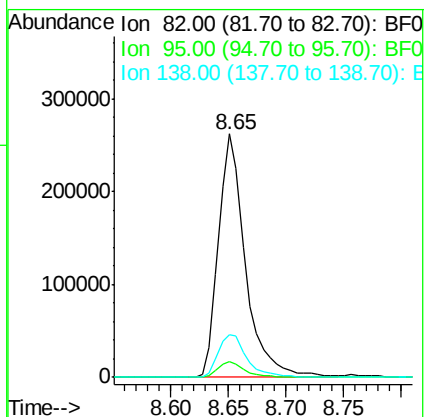
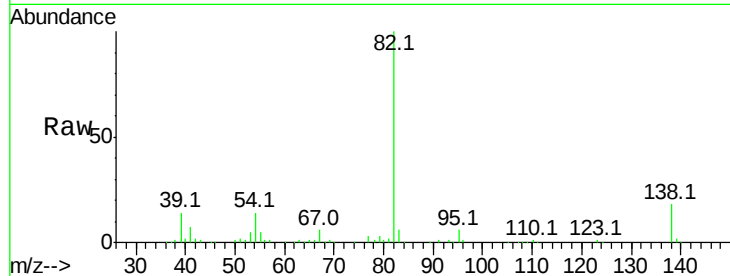
Tot Ion: 82 Resp: 425831

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 17.8 13.1 19.7



#26

2-Nitrophenol

Concen: 34.61 ng

RT: 8.76 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

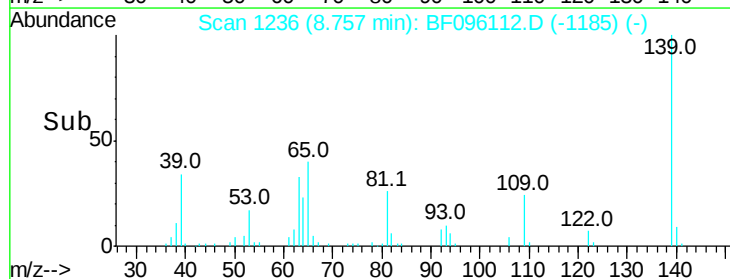
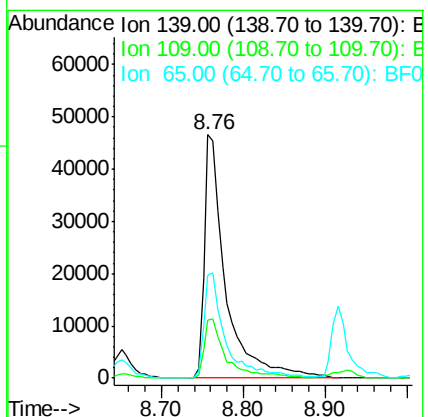
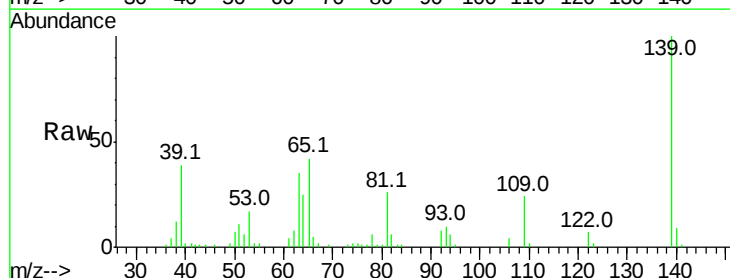
Tgt Ion:139 Resp: 84707

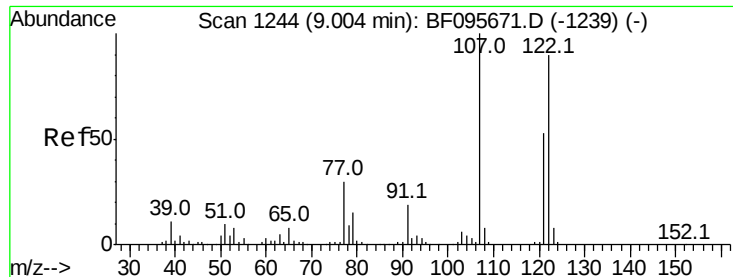
Ion Ratio Lower Upper

139 100

109 24.1 21.0 31.6

65 42.1 33.0 49.6

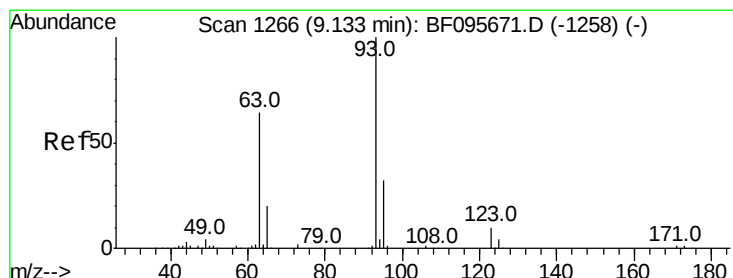
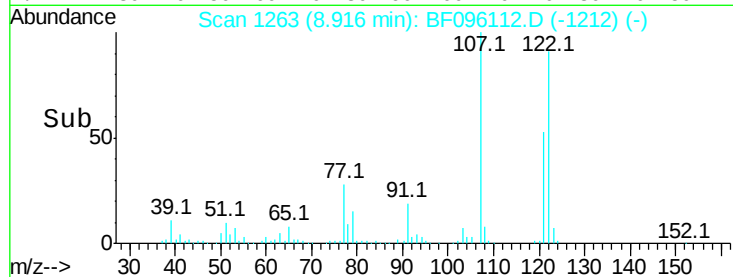
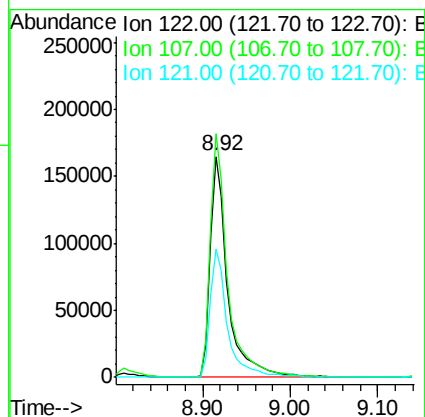
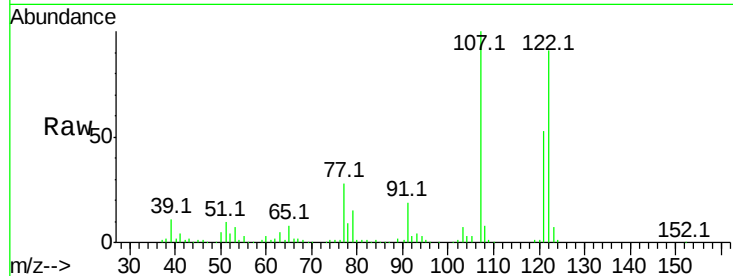




#27
 2,4-Dimethylphenol
 Concen: 60.69 ng
 RT: 8.92 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

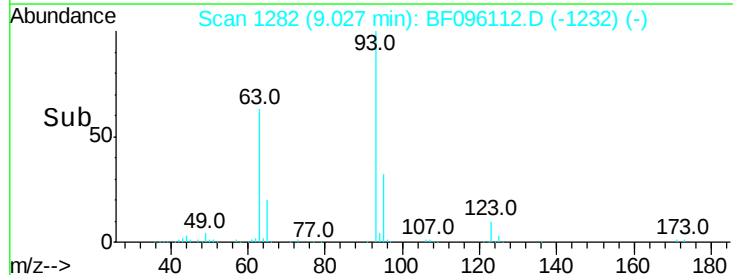
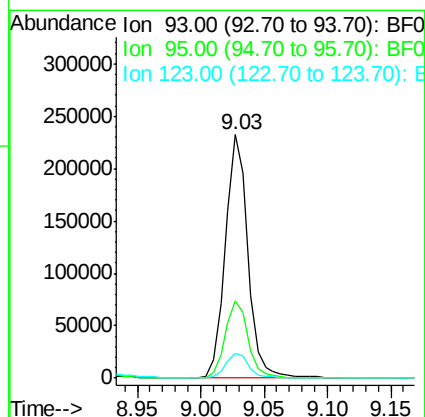
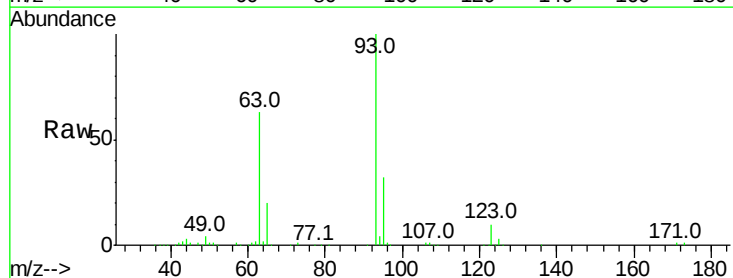
Instrument :
 BNA_F
 ClientSampleId :

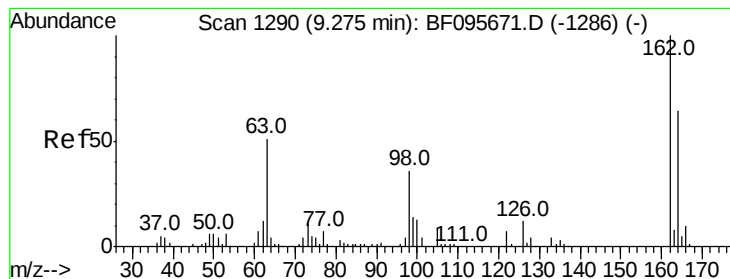
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.2	133.8
121	58.4	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.24 ng
 RT: 9.03 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.5	39.7
123	10.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 52.20 ng

RT: 9.20 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampled :

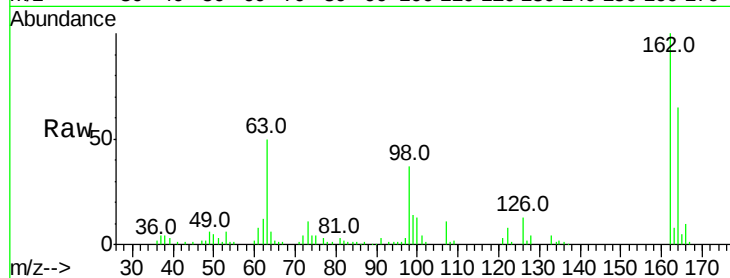
Tot Ion:162 Resp: 190933

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

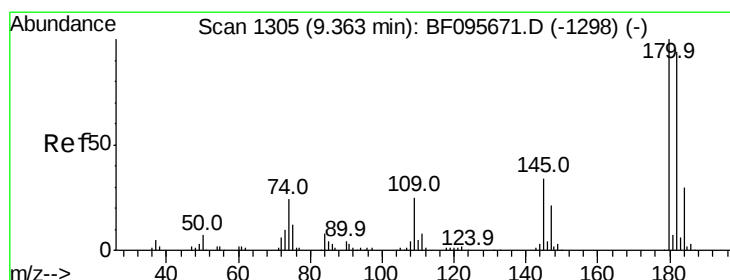
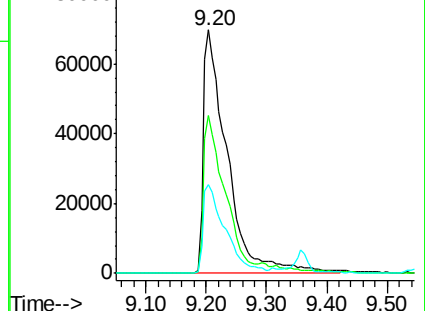
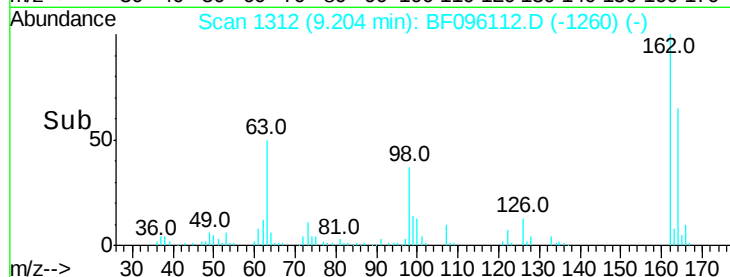
98 36.6 14.8 54.8



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: 47.93 ng

RT: 9.26 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

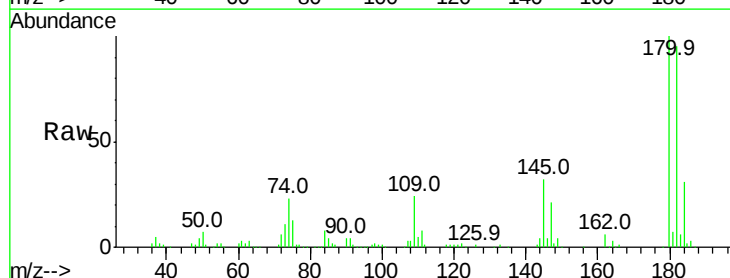
Tgt Ion:180 Resp: 182424

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

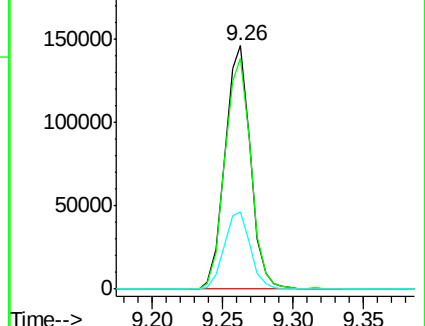
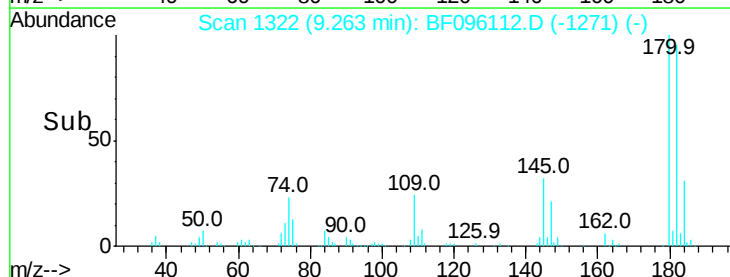
145 31.8 25.3 37.9

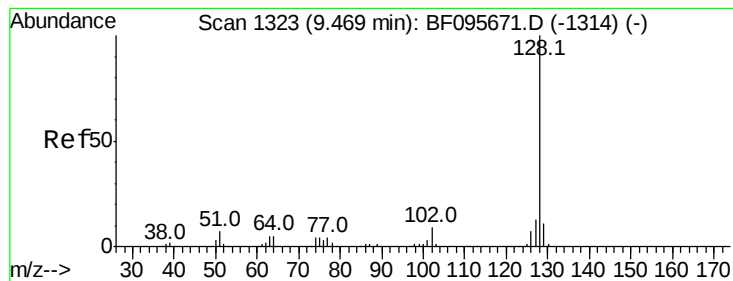


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.88 ng

RT: 9.36 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

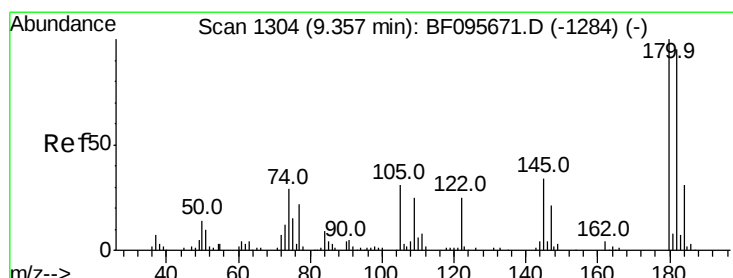
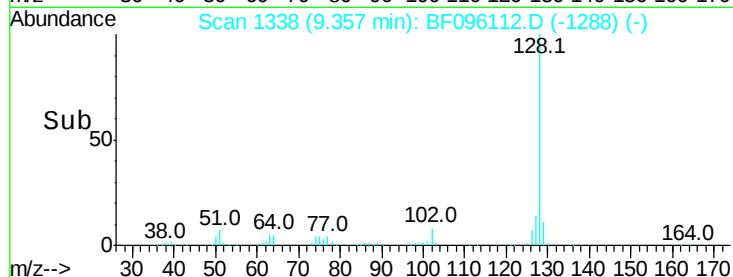
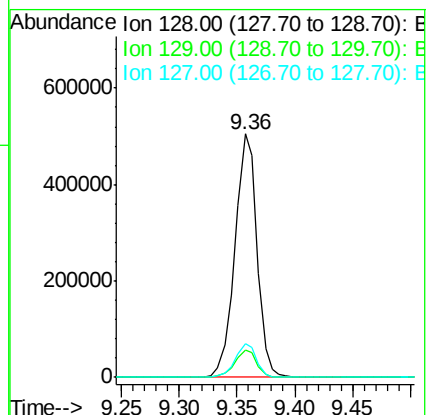
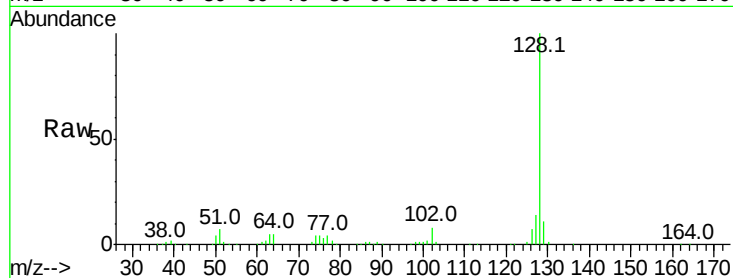
Tot Ion:128 Resp: 666557

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.9 10.8 16.2



#32

Benzoic acid

Concen: 10.35 ng

RT: 9.25 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

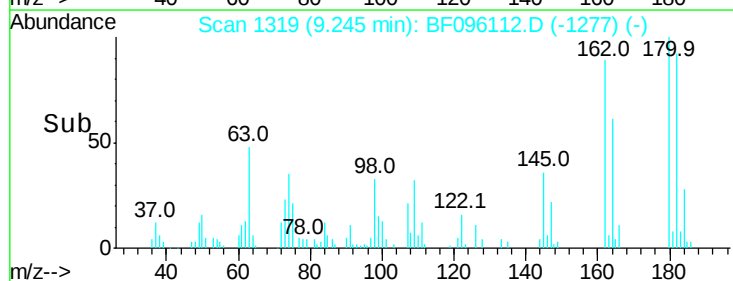
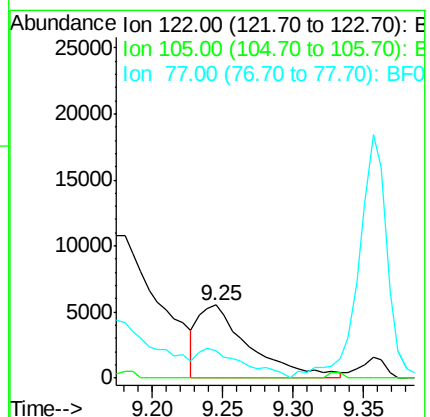
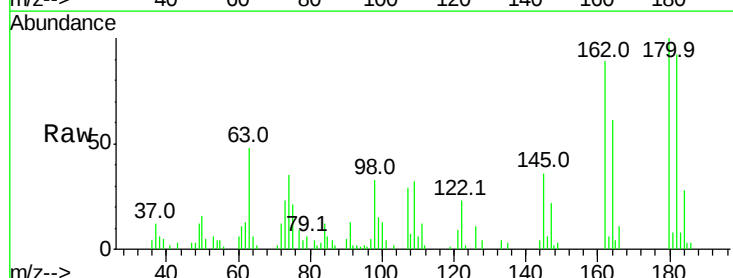
Tgt Ion:122 Resp: 13894

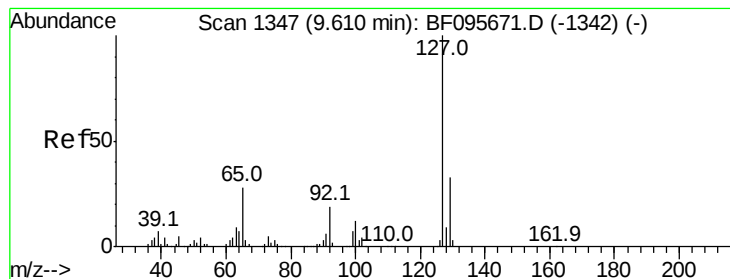
Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 36.6 73.7 113.7#





#33

4-Chloroaniline

Concen: 17.47 ng

RT: 9.53 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF096112.D

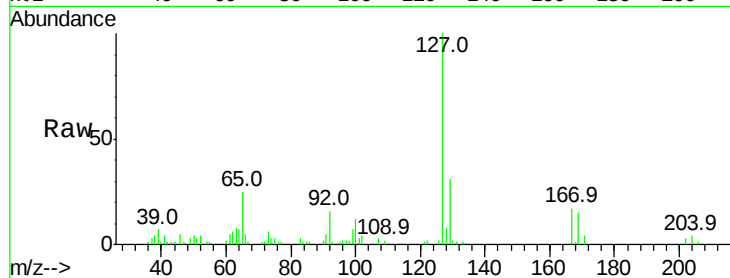
Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	93129
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	25.5	27.8	41.8#
92	16.1	16.8	25.2#

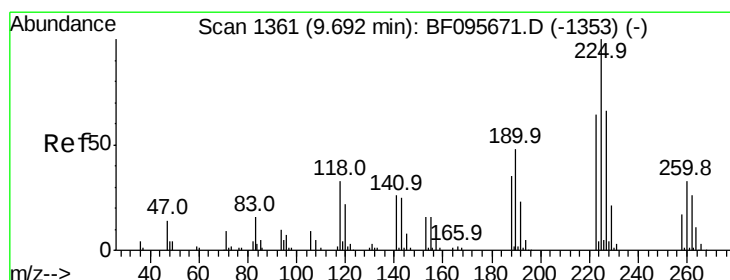
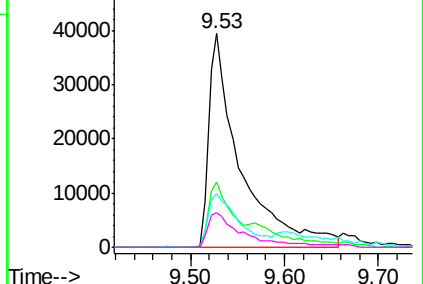
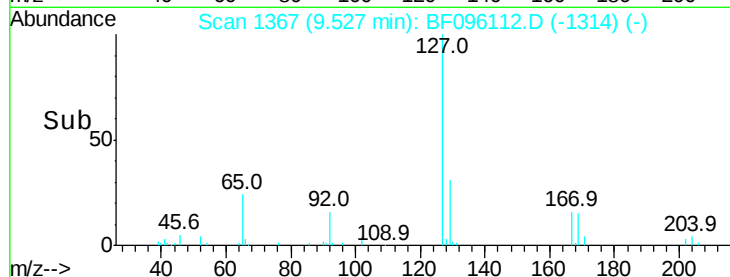


Abundance Ion 127.00 (126.70 to 127.70): E

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: 47.02 ng

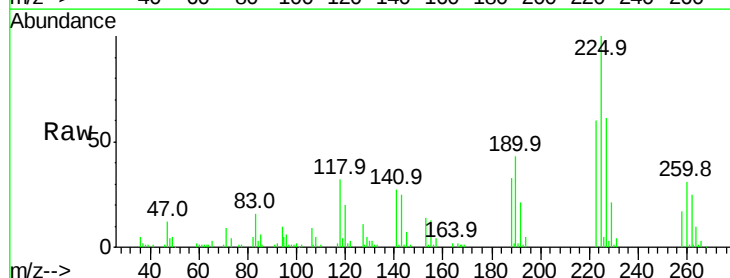
RT: 9.58 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

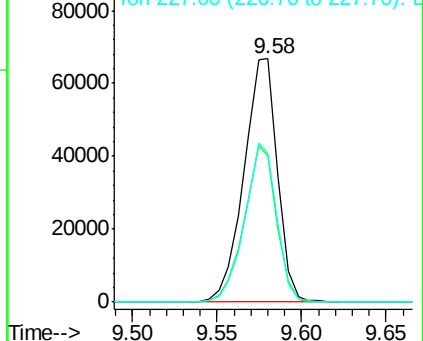
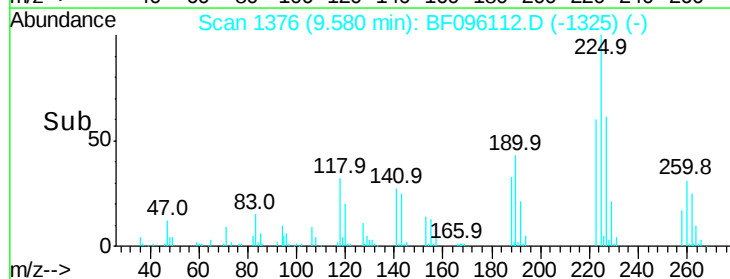
Tgt Ion:	225	Resp:	92482
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.8	73.2
227	61.2	51.1	76.7

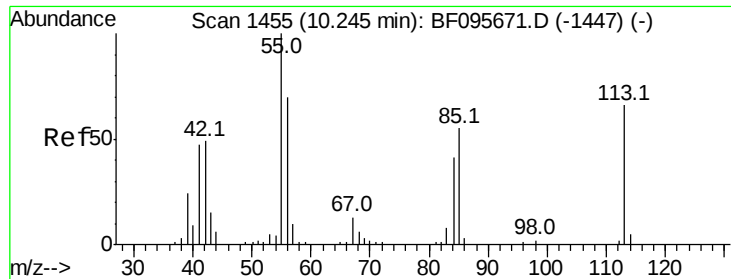


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.69 ng

RT: 10.13 min Scan# 1470

Delta R.T. -0.03 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampled :

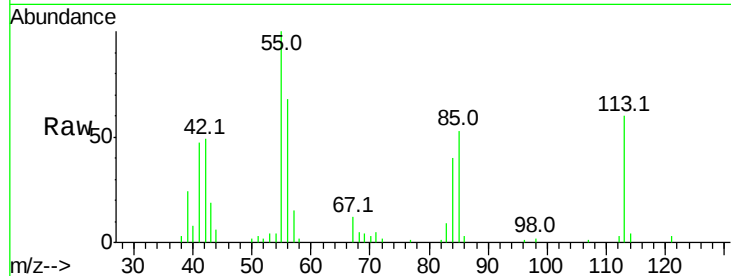
Tot Ion:113 Resp: 48643

Ion Ratio Lower Upper

113 100

55 165.7 150.2 190.2

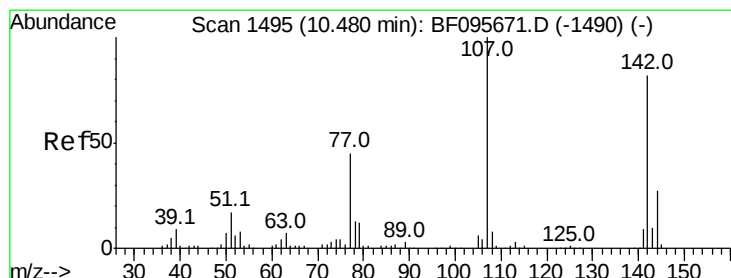
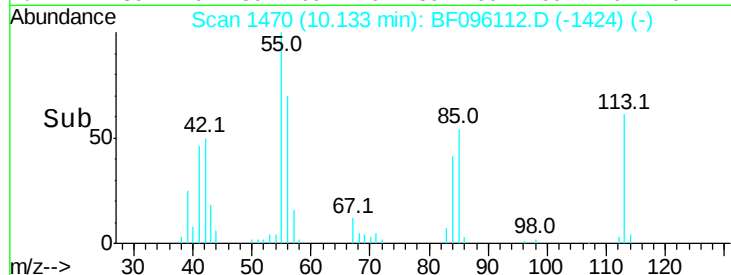
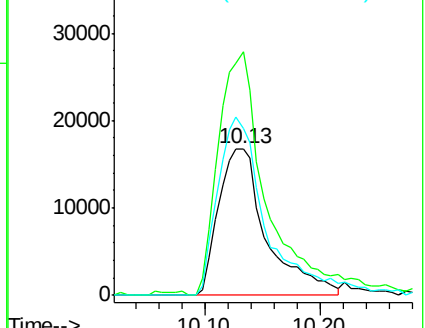
56 113.5 107.8 147.8



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: 49.86 ng

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

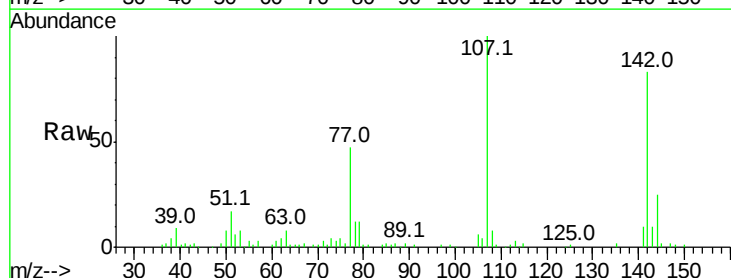
Tgt Ion:107 Resp: 190936

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

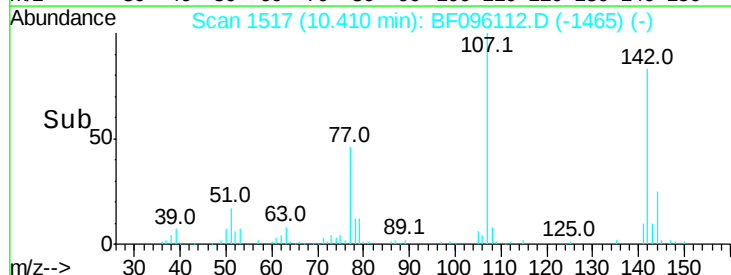
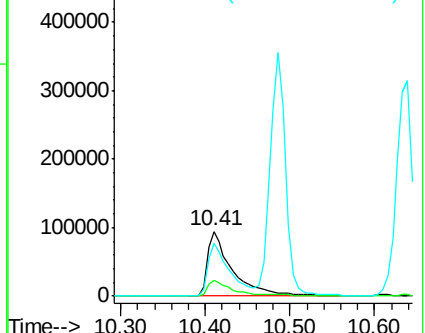
142 82.5 73.4 110.0

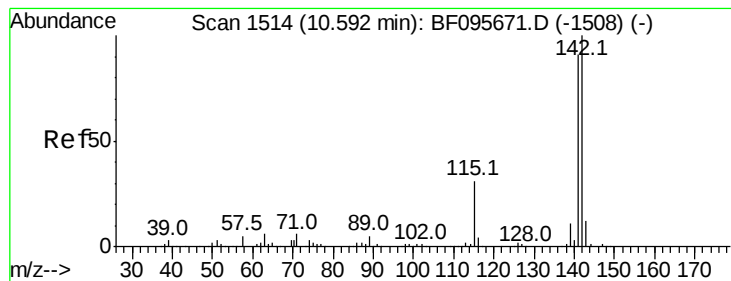


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.06 ng

RT: 10.49 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

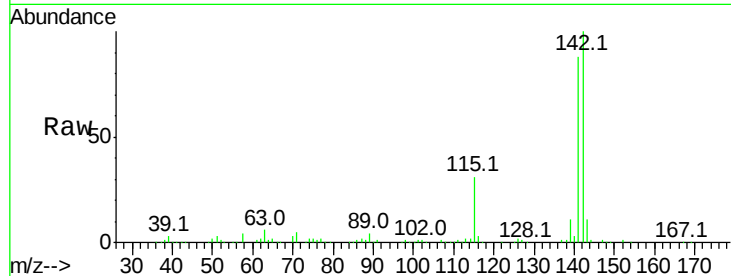
Tot Ion:142 Resp: 452084

Ion Ratio Lower Upper

142 100

141 88.5 71.3 106.9

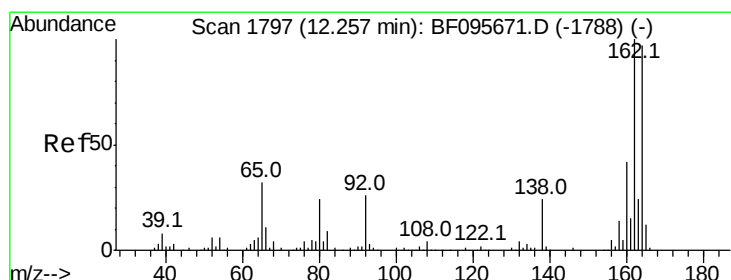
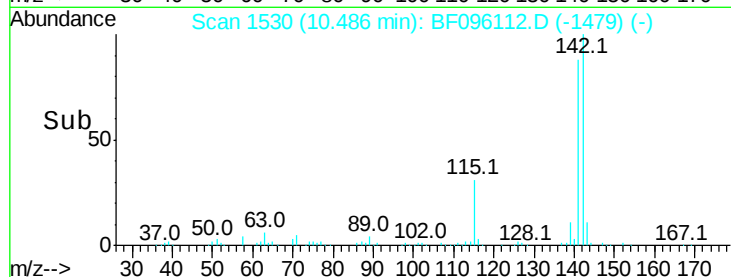
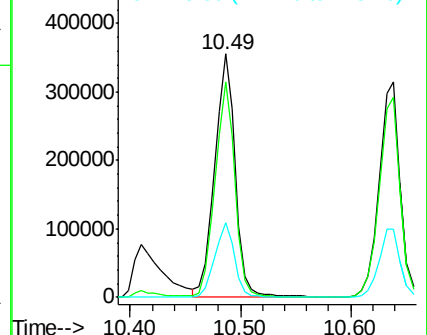
115 30.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.14 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

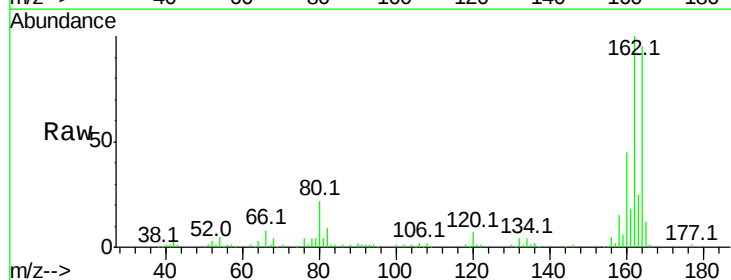
Tgt Ion:164 Resp: 118218

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

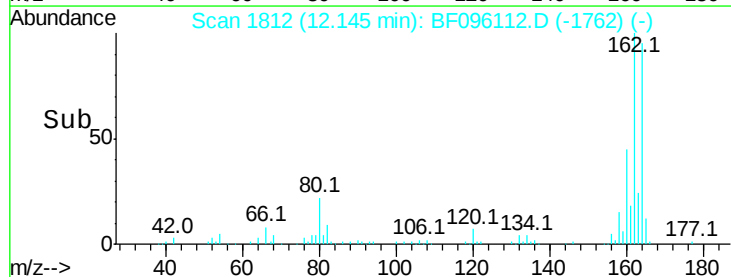
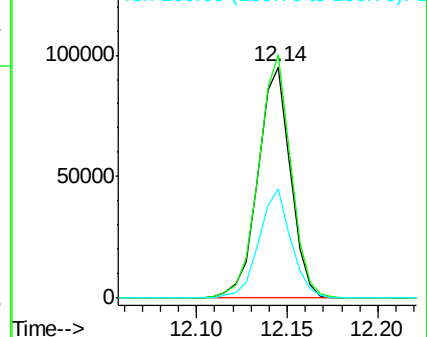
160 47.4 36.2 54.2

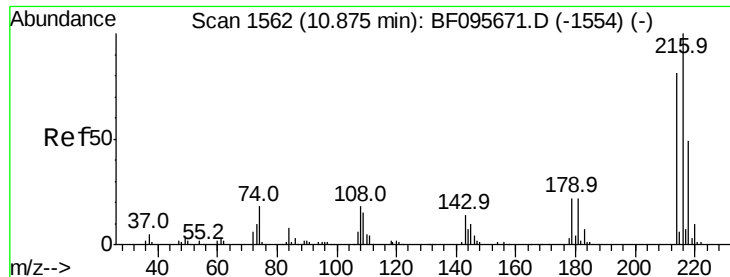


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.36 ng

RT: 10.77 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 181721

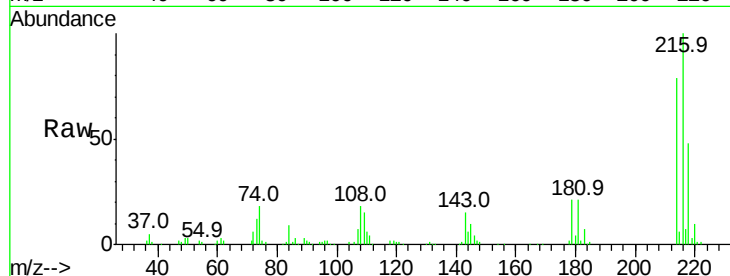
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.2

179 21.7 17.9 26.9

108 18.3 16.5 24.7

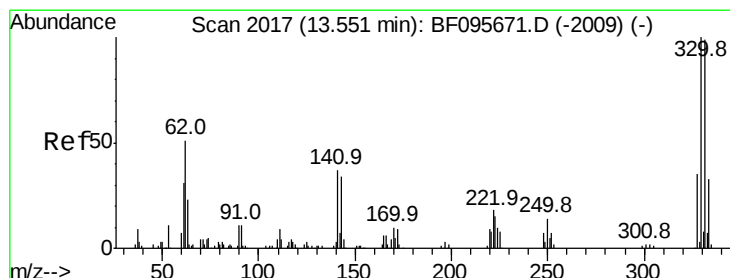
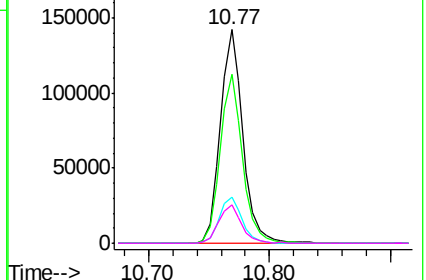
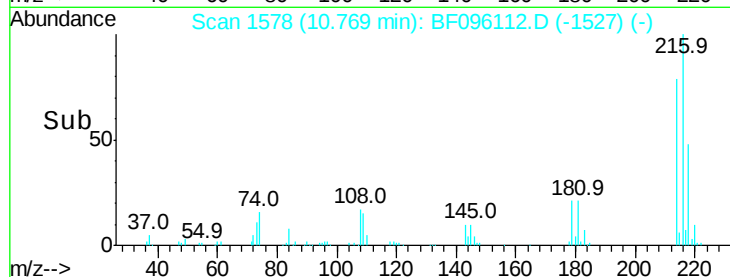


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 131.07 ng

RT: 13.44 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

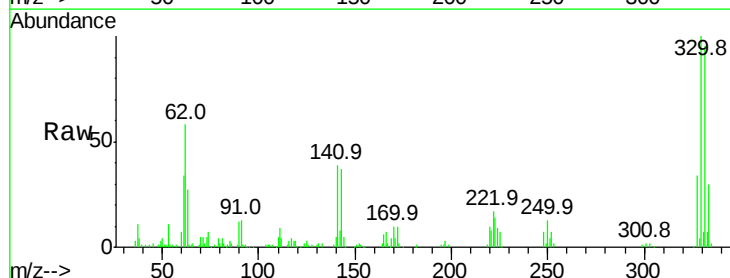
Tgt Ion:330 Resp: 137098

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

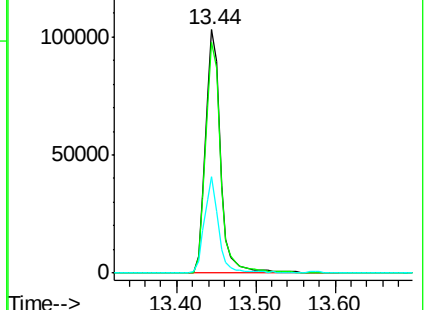
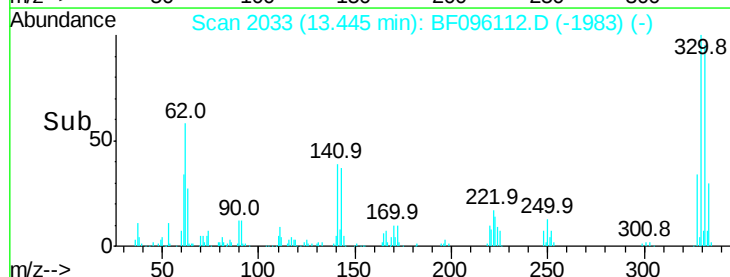
141 37.4 31.4 47.2

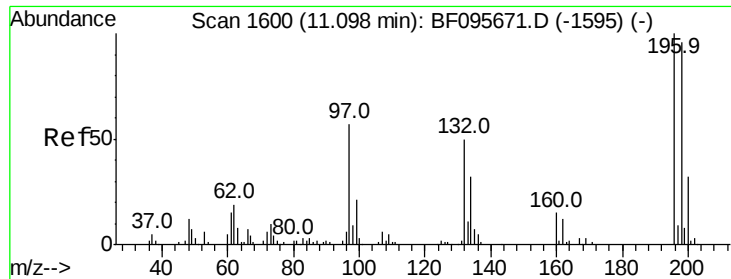


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 49.20 ng

RT: 11.01 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampled :

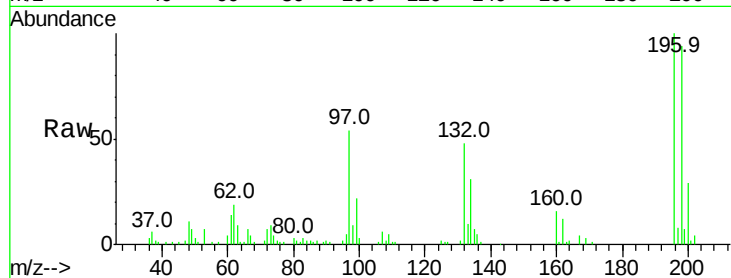
Tot Ion:196 Resp: 111917

Ion Ratio Lower Upper

196 100

198 94.4 74.2 111.4

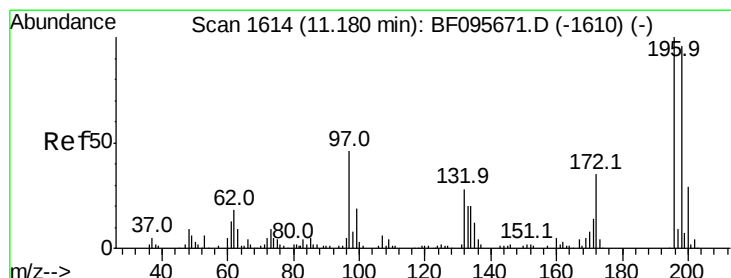
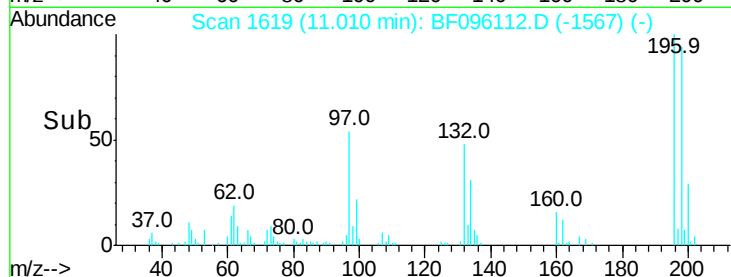
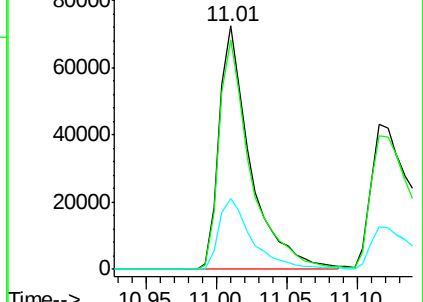
200 29.1 24.0 36.0



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: 48.91 ng

RT: 11.12 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Tgt Ion:196 Resp: 118334

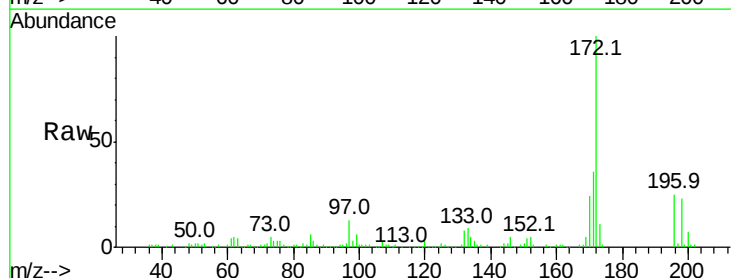
Ion Ratio Lower Upper

196 100

198 92.4 75.7 113.5

97 50.5 47.7 71.5

132 32.3 28.0 42.0

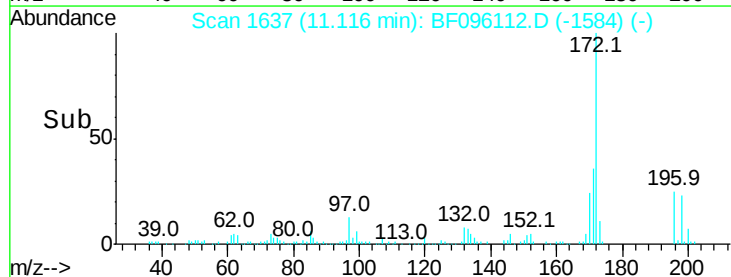
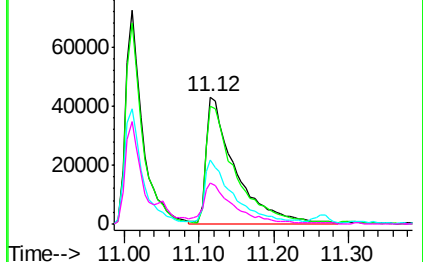


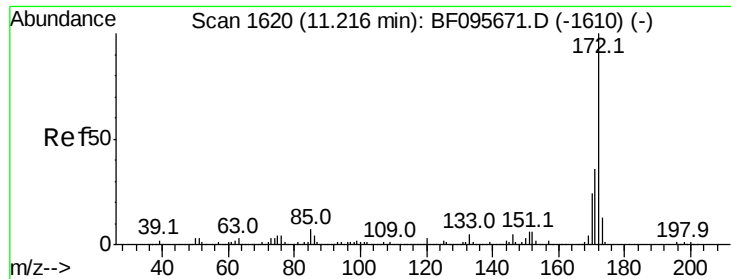
Abundance Ion 196.00 (195.70 to 196.70): E

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

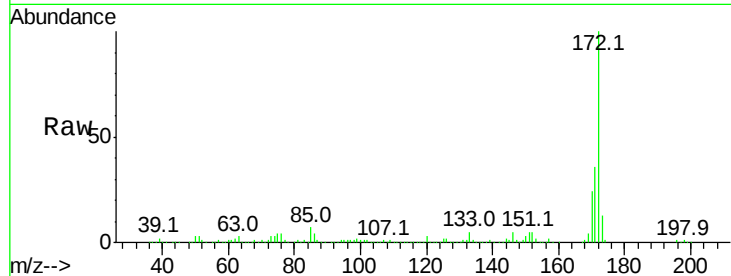




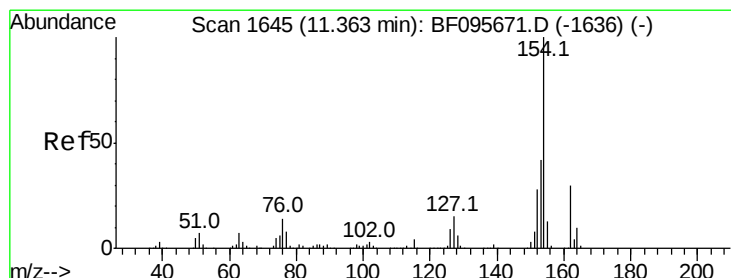
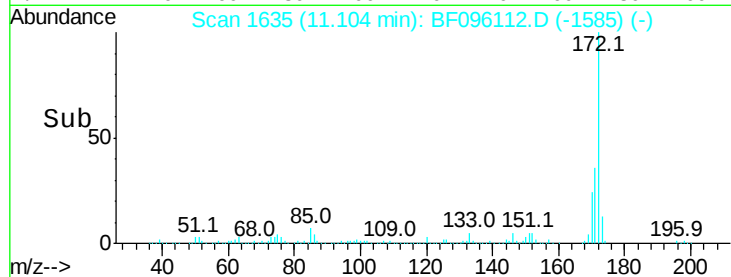
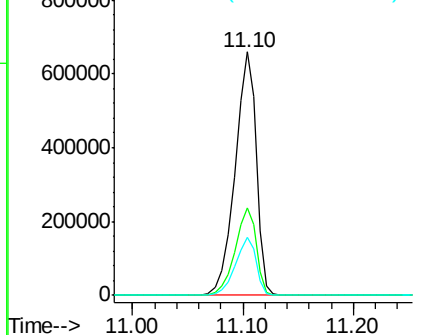
#44
2-Fluorobiphenyl
Concen: 104.47 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8

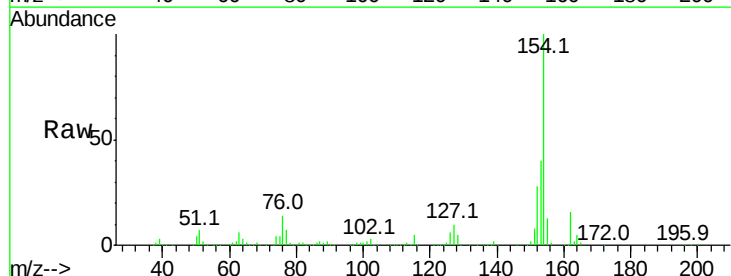


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

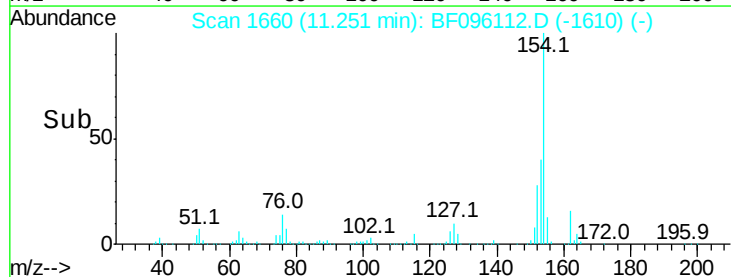
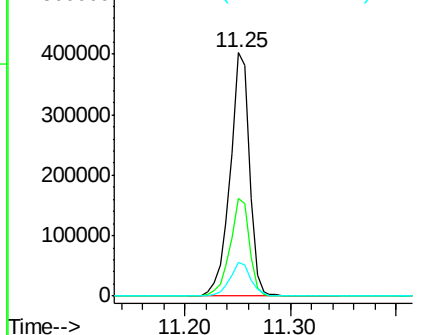


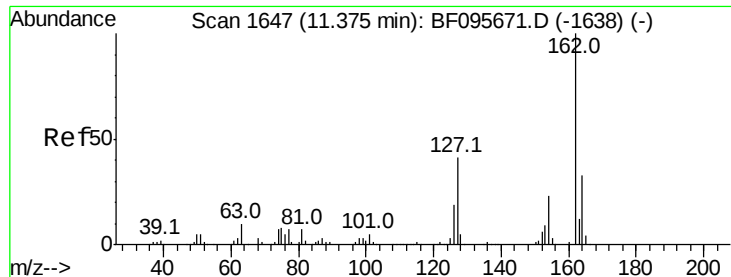
#45
1,1'-Biphenyl
Concen: 51.97 ng
RT: 11.25 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	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

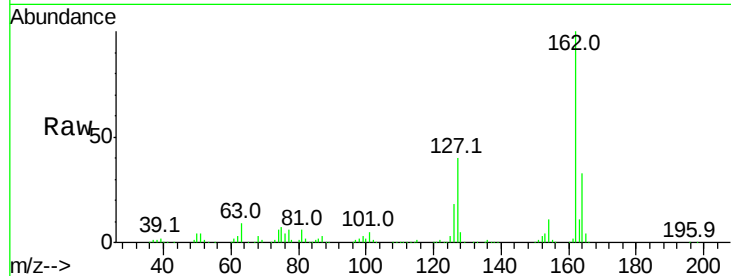




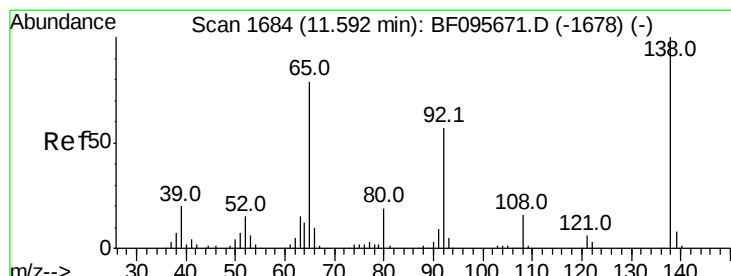
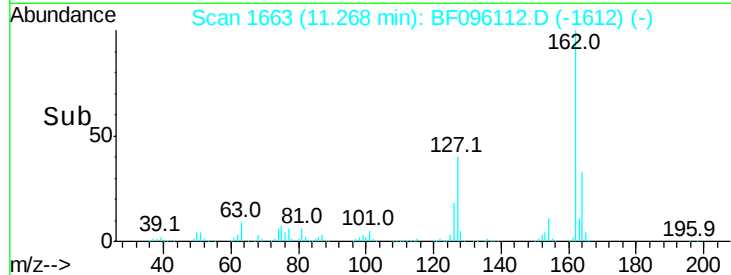
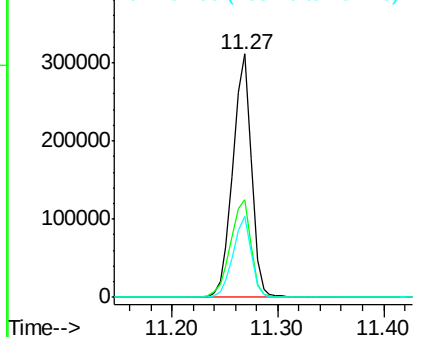
#46
2-Chloronaphthalene
Concen: 49.47 ng
RT: 11.27 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	33.3	27.0	40.4

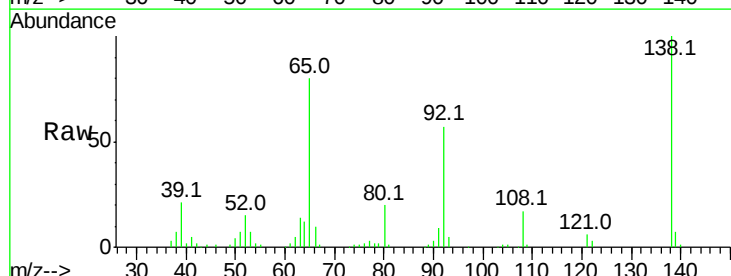


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

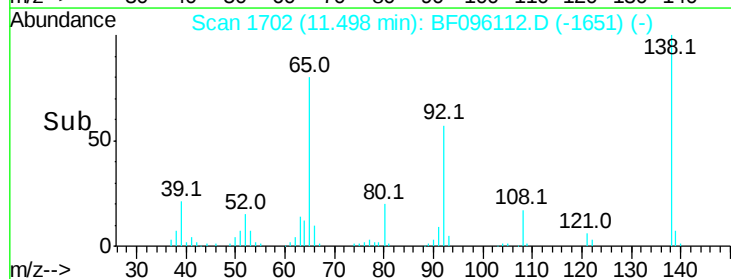
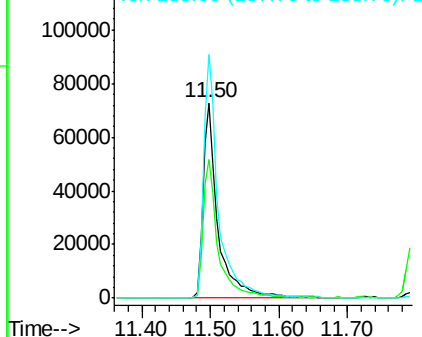


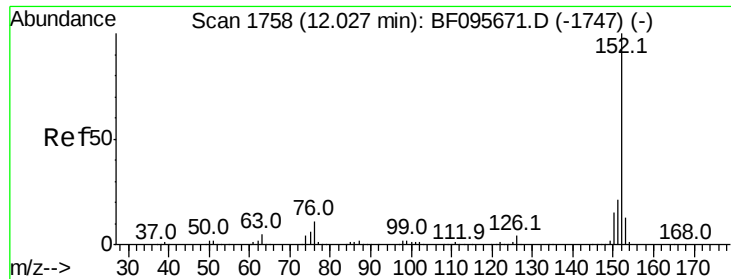
#47
2-Nitroaniline
Concen: 50.59 ng
RT: 11.50 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.9	80.9
138	124.7	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: 43.91 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

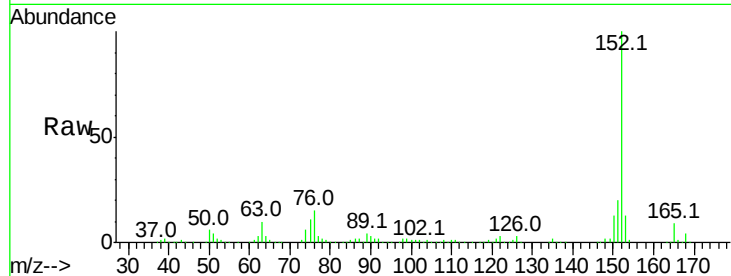
Tot Ion:152 Resp: 571556

Ion Ratio Lower Upper

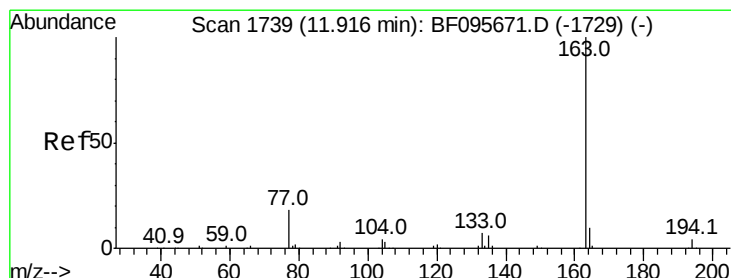
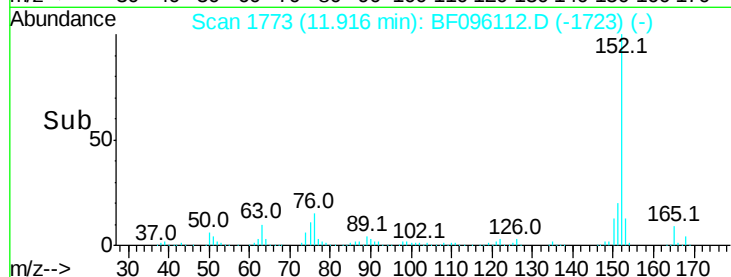
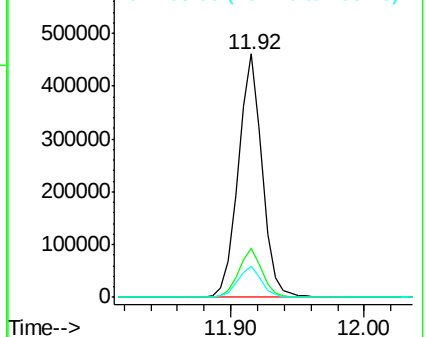
152 100

151 20.0 16.8 25.2

153 12.8 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: 67.42 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

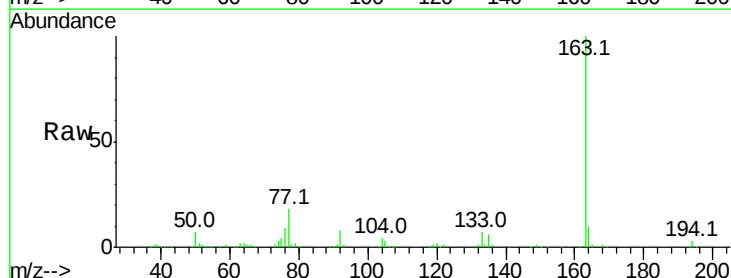
Tgt Ion:163 Resp: 605193

Ion Ratio Lower Upper

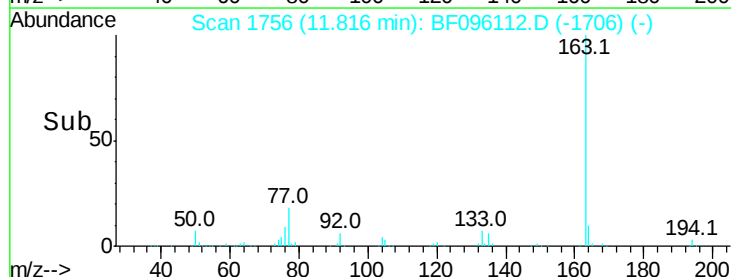
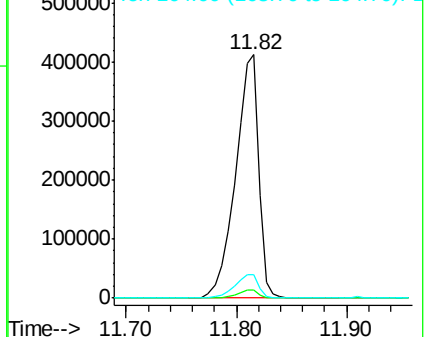
163 100

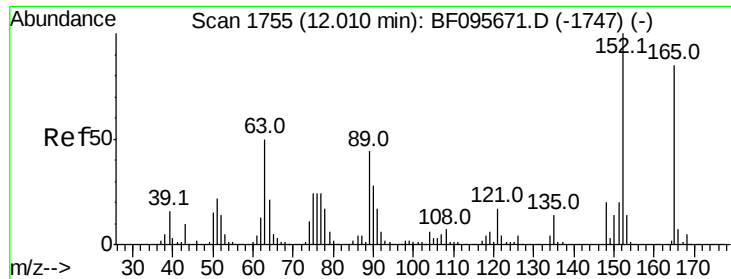
194 3.3 2.6 4.0

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

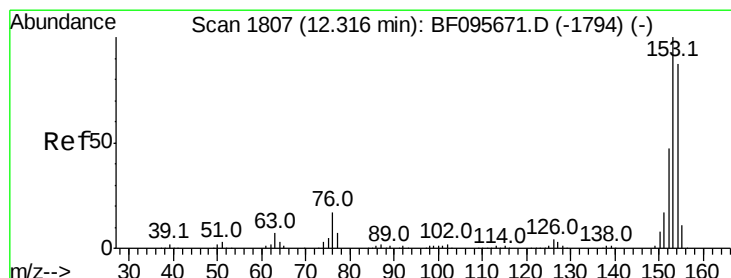
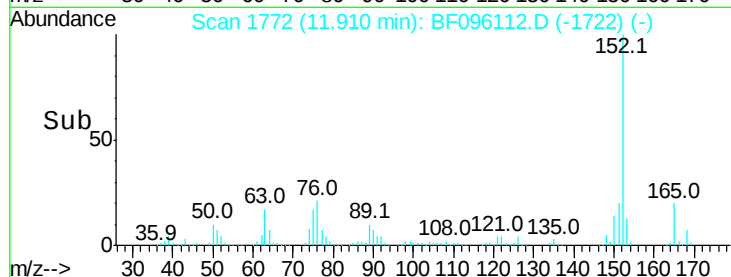
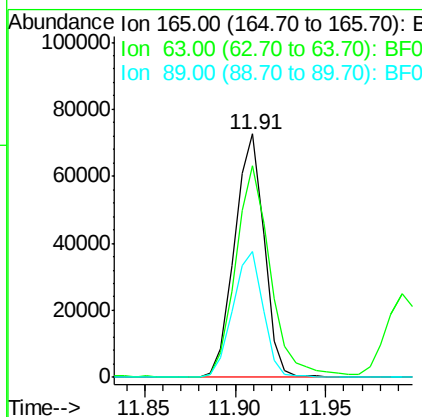
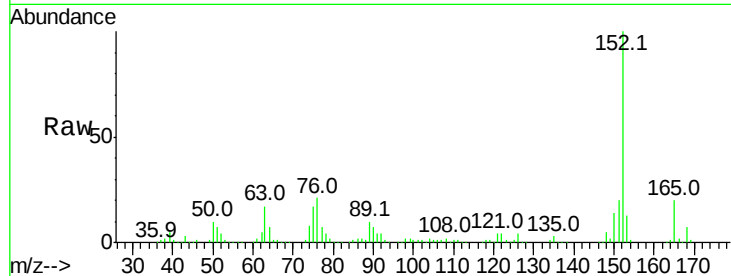




#50
2,6-Dinitrotoluene
Concen: 42.03 ng
RT: 11.91 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

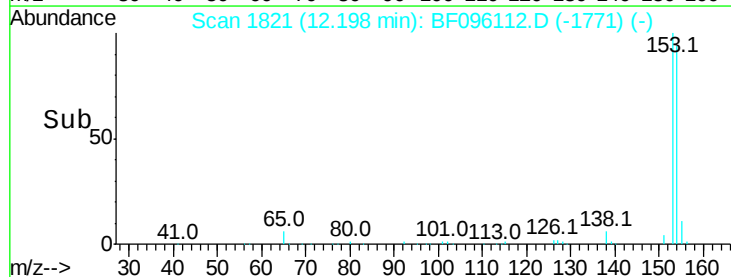
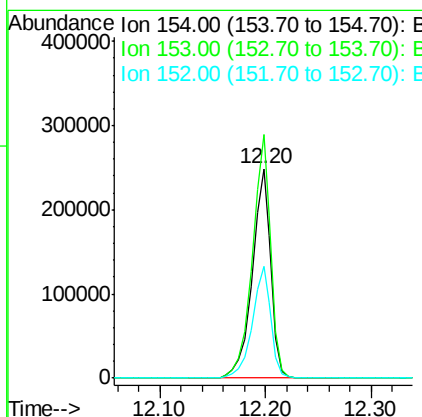
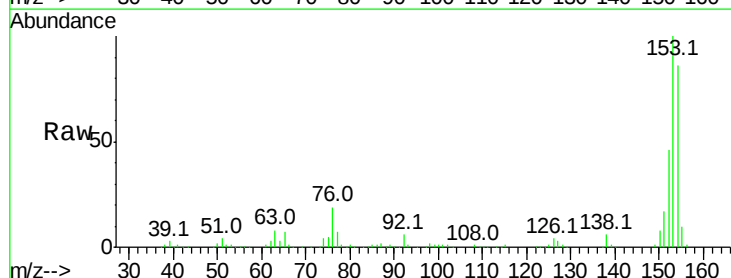
Instrument :
BNA_F
ClientSampleId :

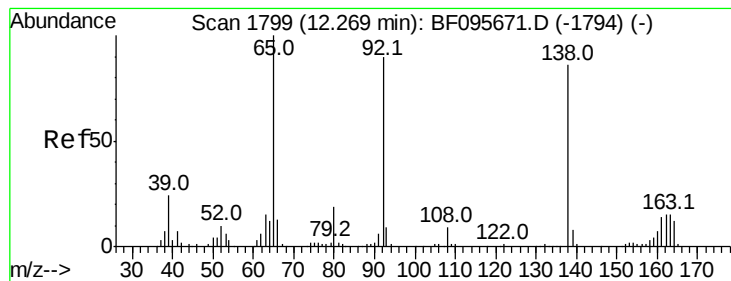
Tot Ion:165 Resp: 82293
Ion Ratio Lower Upper
165 100
63 86.8 34.3 51.5#
89 51.7 37.1 55.7



#51
Acenaphthene
Concen: 40.70 ng
RT: 12.20 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:154 Resp: 306005
Ion Ratio Lower Upper
154 100
153 116.5 90.5 135.7
152 53.5 43.6 65.4





#52

3-Nitroaniline

Concen: 41.45 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

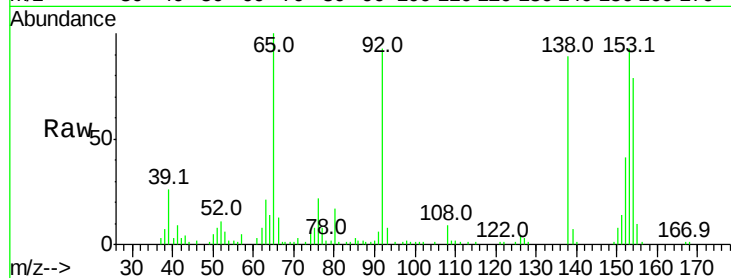
Tot Ion:138 Resp: 94543

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

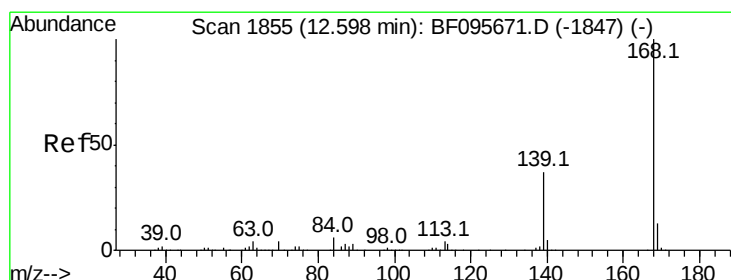
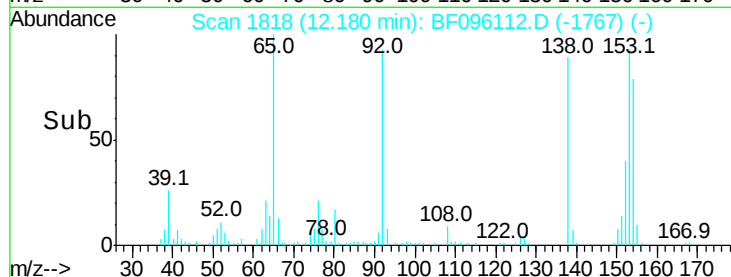
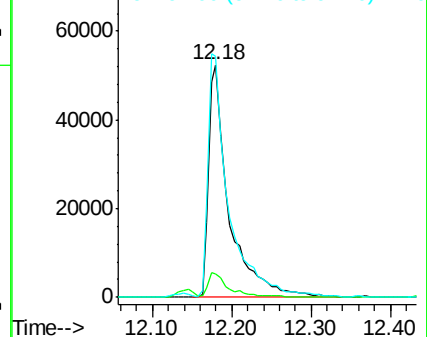
92 103.9 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 46.70 ng

RT: 12.49 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

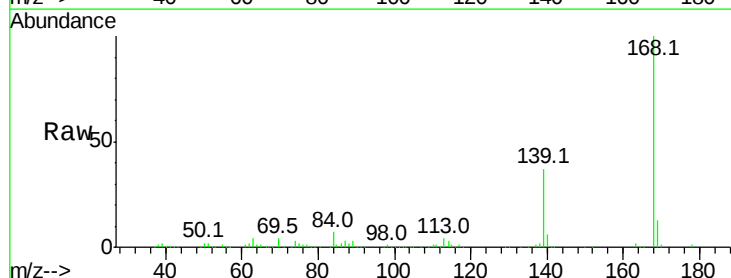
Tgt Ion:168 Resp: 494174

Ion Ratio Lower Upper

168 100

139 36.7 30.6 45.8

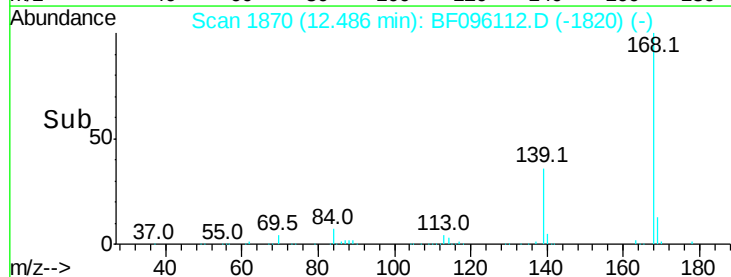
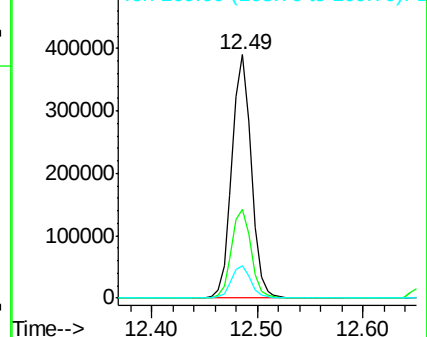
169 13.3 10.8 16.2

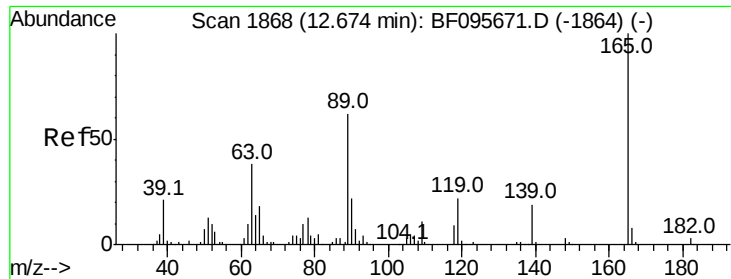


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

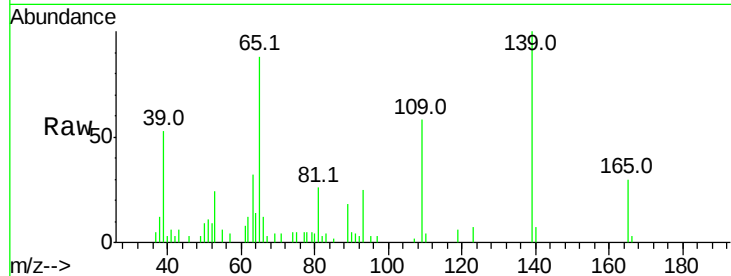




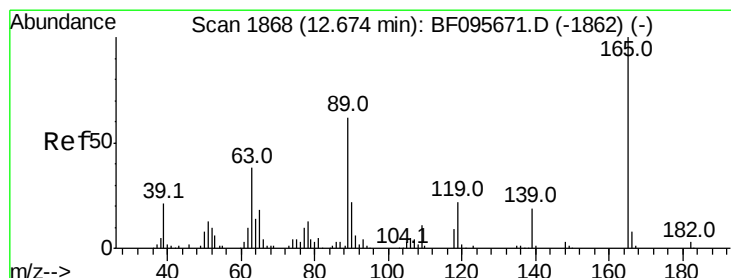
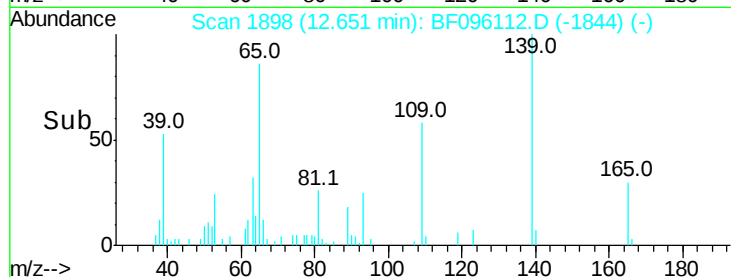
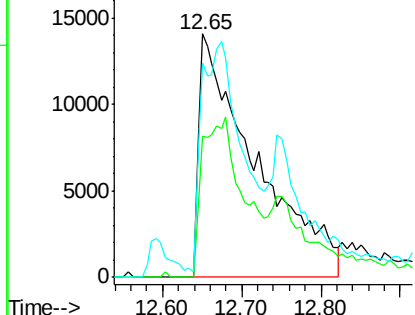
#55
4-Nitrophenol
Concen: 53.76 ng
RT: 12.65 min Scan# 1898
Delta R.T. 0.02 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 69447
Ion Ratio Lower Upper
139 100
109 57.9 34.1 74.1
65 88.0 31.4 71.4#

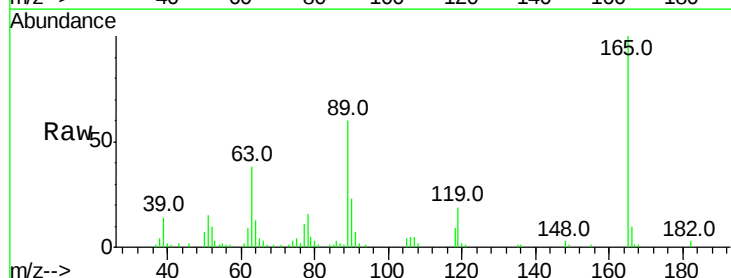


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

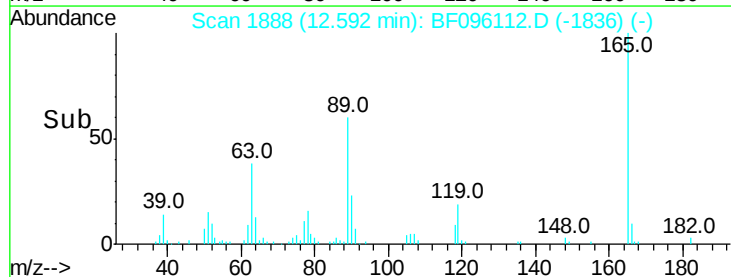
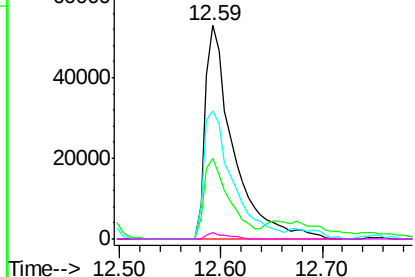


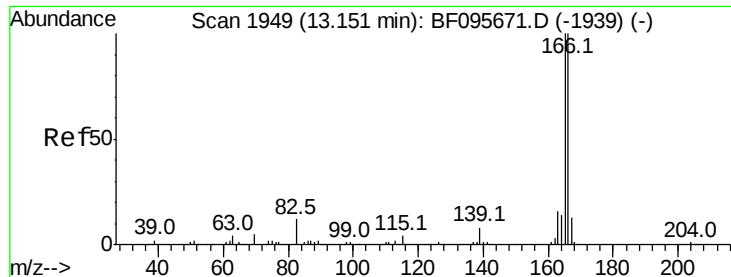
#56
2,4-Dinitrotoluene
Concen: 38.47 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:165 Resp: 101738
Ion Ratio Lower Upper
165 100
63 37.8 25.4 38.0
89 59.8 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



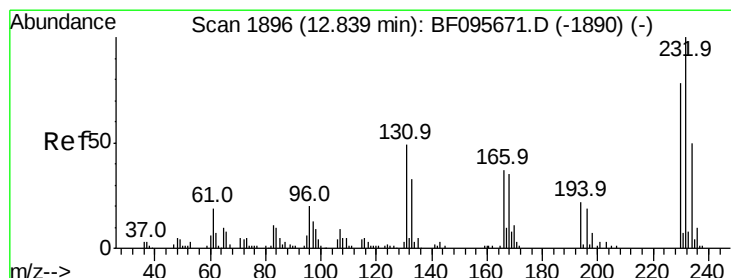
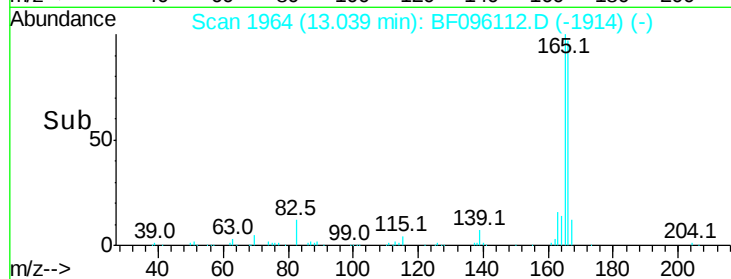
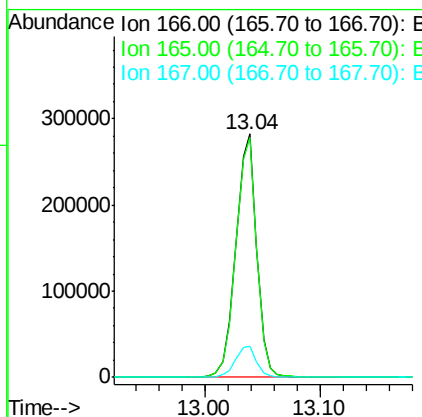
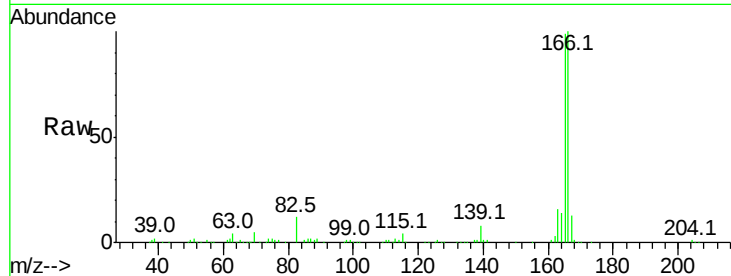


#57
Fluorene
 Concen: 38.23 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 352043

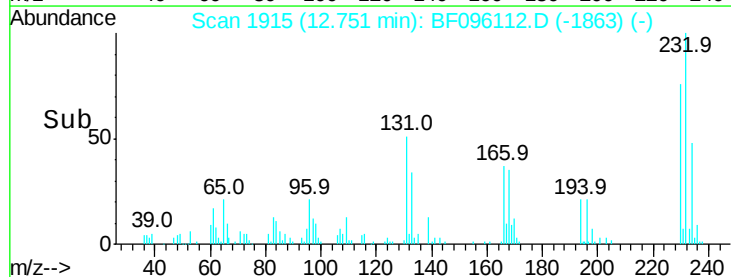
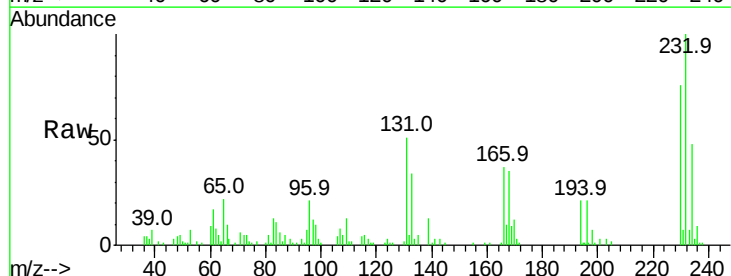
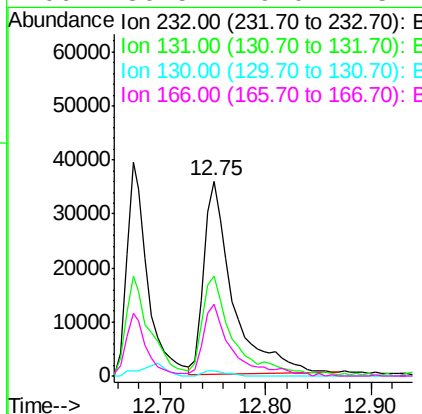
Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	12.9	10.6	16.0

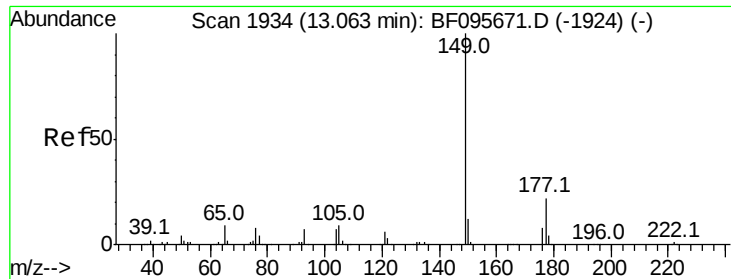


#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.14 ng
 RT: 12.75 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Tgt Ion:232 Resp: 68111

Ion	Ratio	Lower	Upper
232	100		
131	52.7	44.8	67.2
130	2.2	2.3	3.5#
166	36.5	29.0	43.4

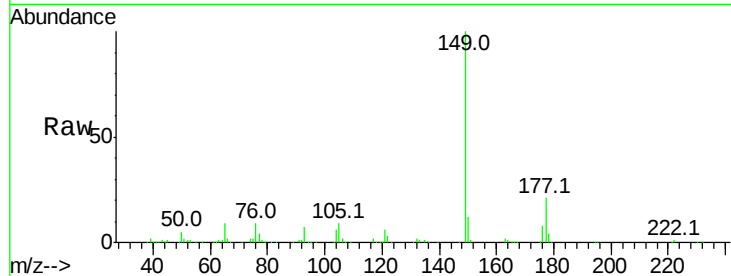




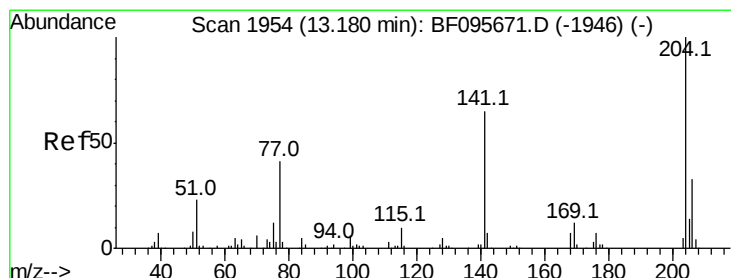
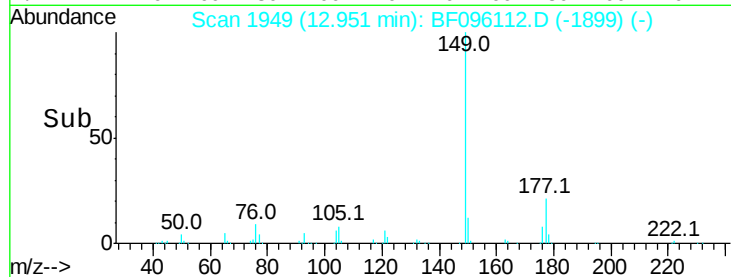
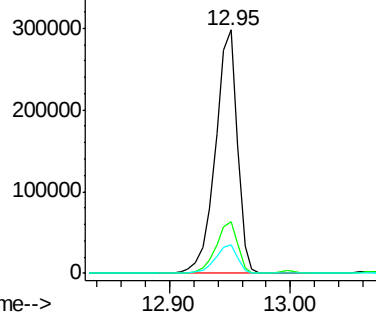
#59
Diethylphthalate
Concen: 43.89 ng
RT: 12.95 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	11.9	10.2	15.2

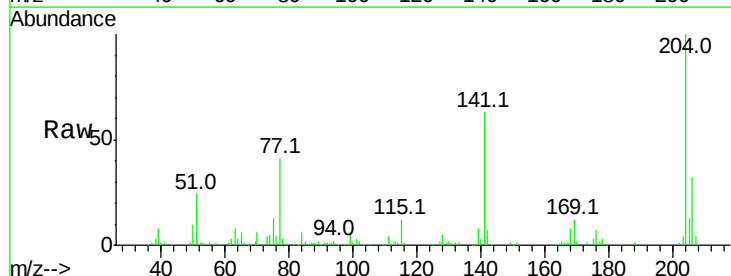


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

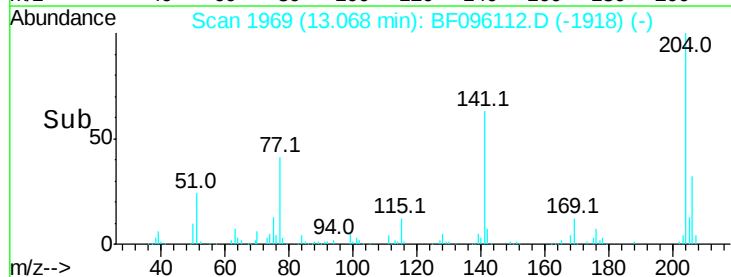
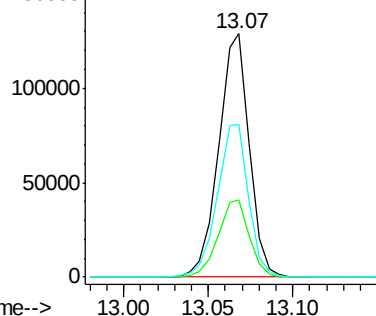


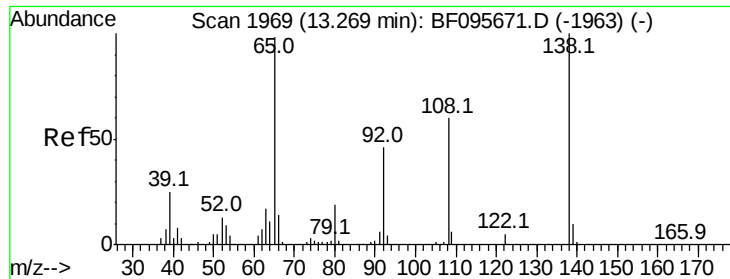
#60
4-Chlorophenyl-phenylether
Concen: 40.63 ng
RT: 13.07 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.2
141	62.8	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

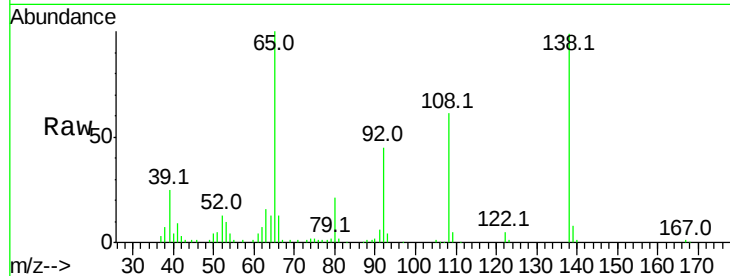




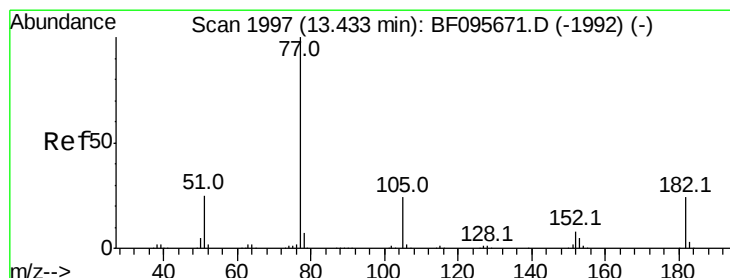
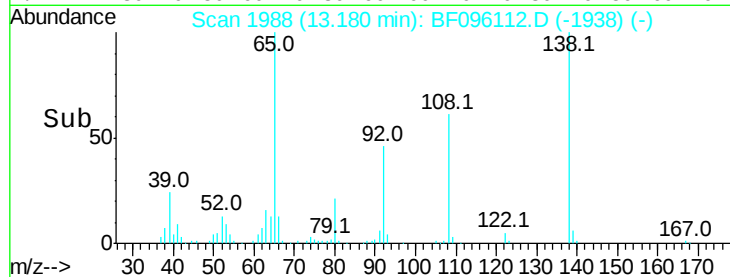
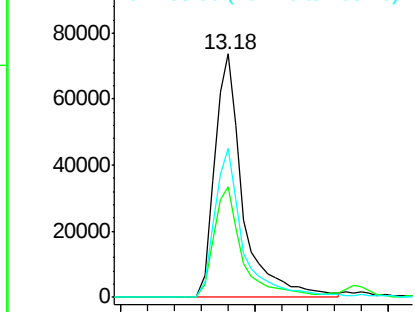
#61
4-Nitroaniline
Concen: 51.42 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 109507
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 61.4 42.3 82.3

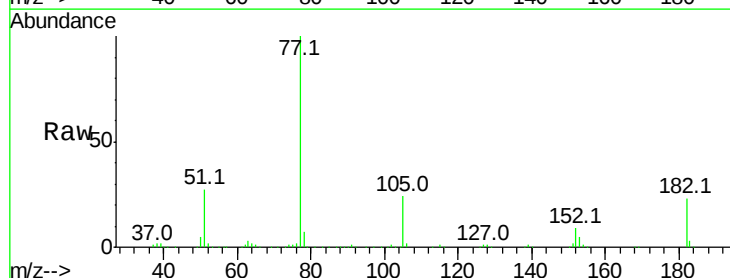


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

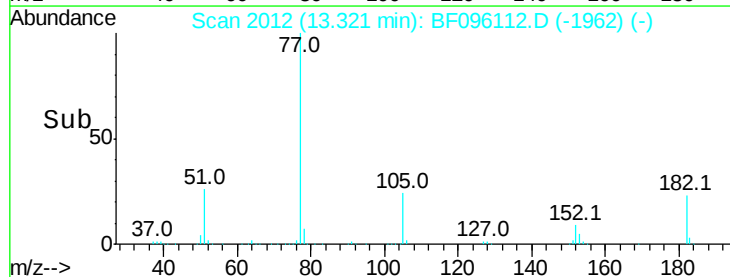
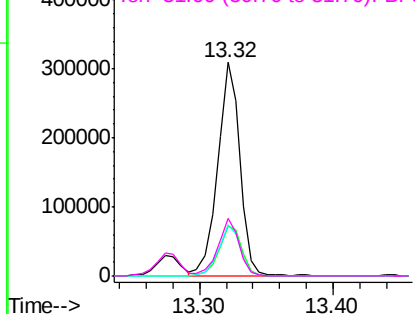


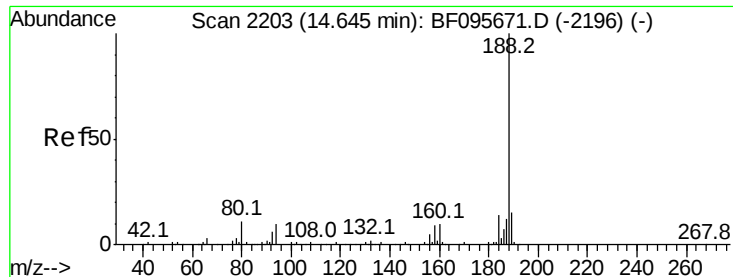
#62
Azobenzene
Concen: 46.14 ng
RT: 13.32 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion: 77 Resp: 361213
Ion Ratio Lower Upper
77 100
182 23.4 0.1 40.1
105 23.7 3.6 43.6
51 27.2 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

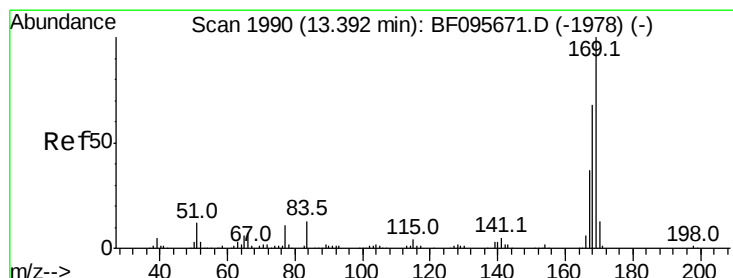
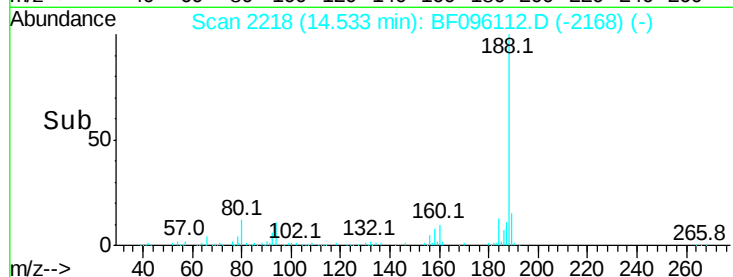
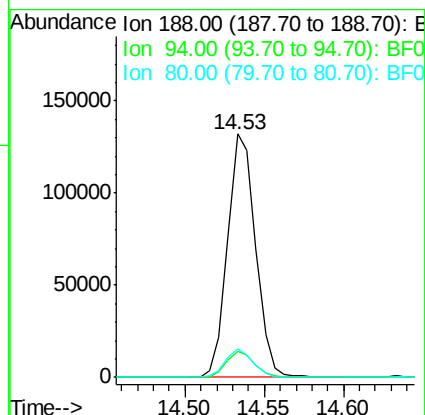
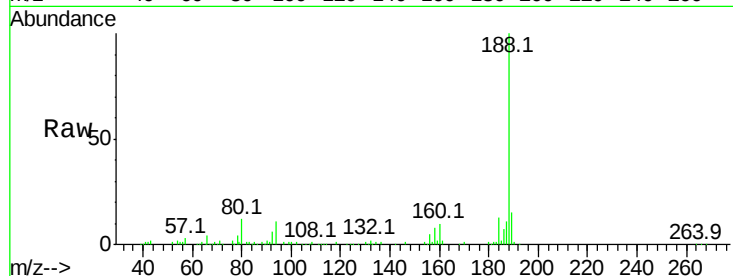




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

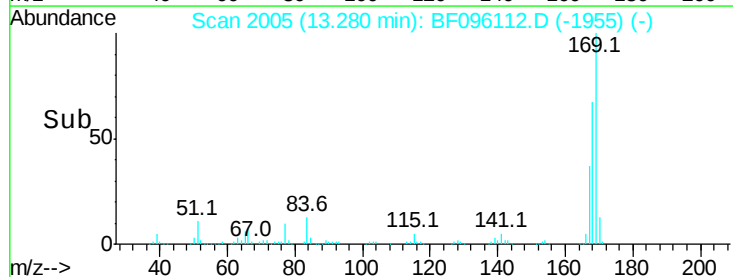
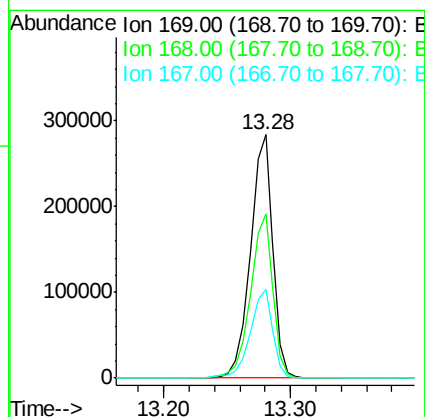
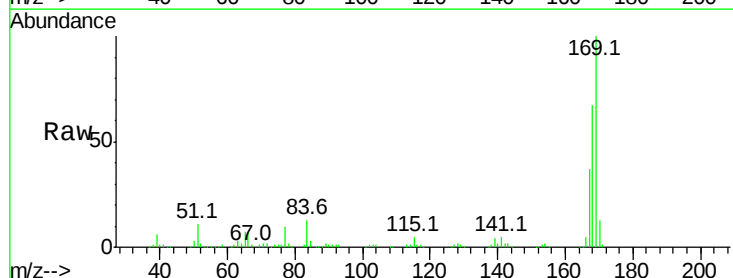
Instrument :
BNA_F
ClientSampleId :

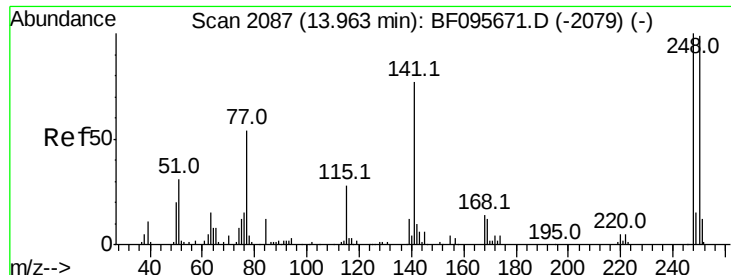
Tot Ion:188 Resp: 161310
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.7 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 59.84 ng
RT: 13.28 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:169 Resp: 346872
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.6 29.5 44.3

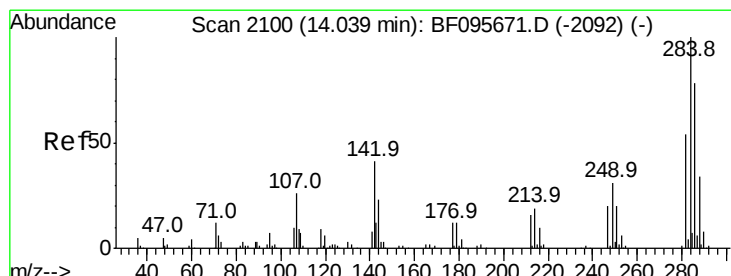
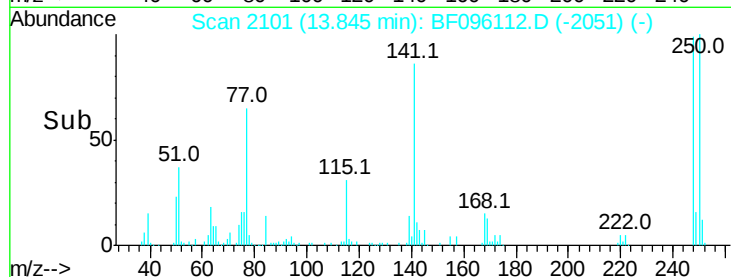
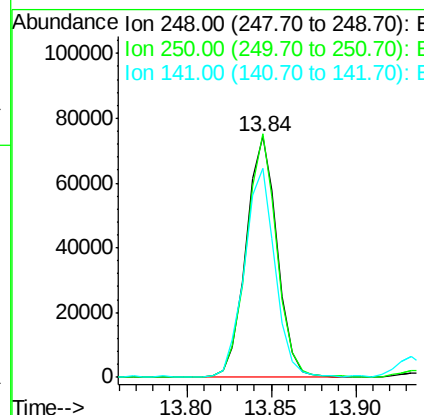
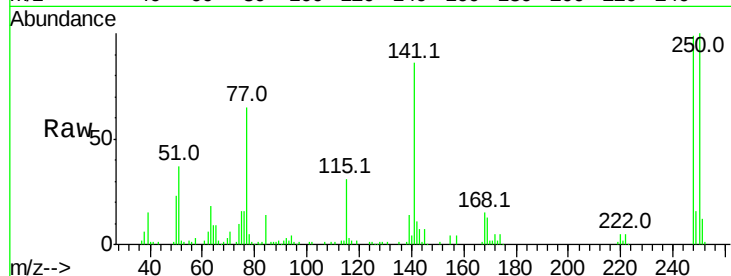




#66
4-Bromophenyl-phenylether
Concen: 56.99 ng
RT: 13.84 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

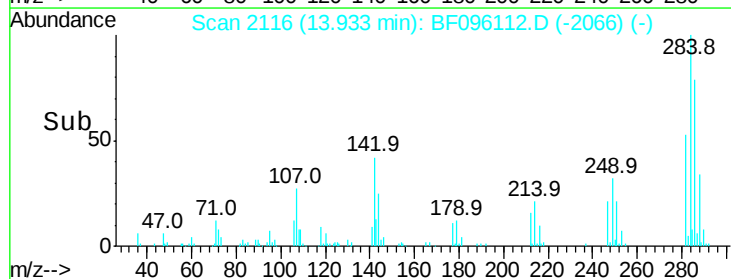
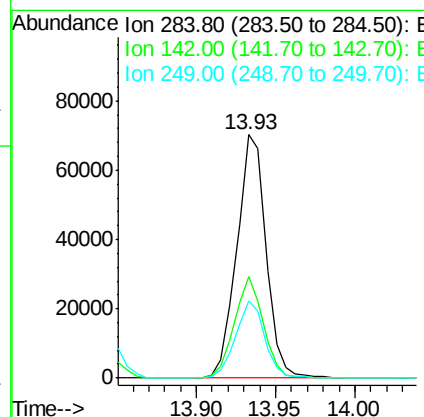
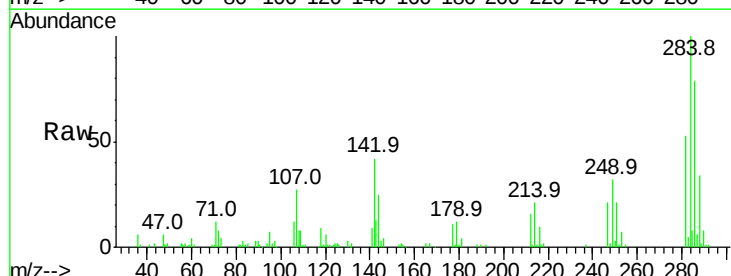
Instrument :
BNA_F
ClientSampleId :

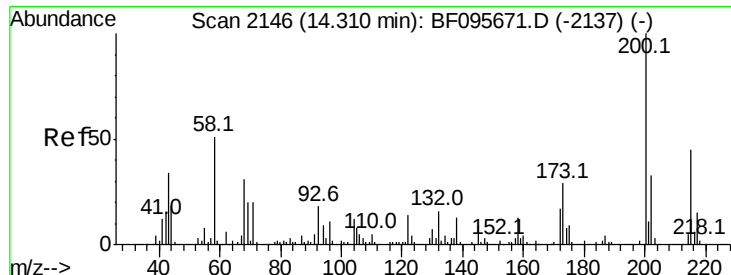
Tot Ion:248 Resp: 95547
Ion Ratio Lower Upper
248 100
250 101.1 76.8 115.2
141 86.9 68.6 103.0



#67
Hexachlorobenzene
Concen: 54.47 ng
RT: 13.93 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:284 Resp: 89991
Ion Ratio Lower Upper
284 100
142 41.8 22.8 34.2#
249 31.6 24.0 36.0

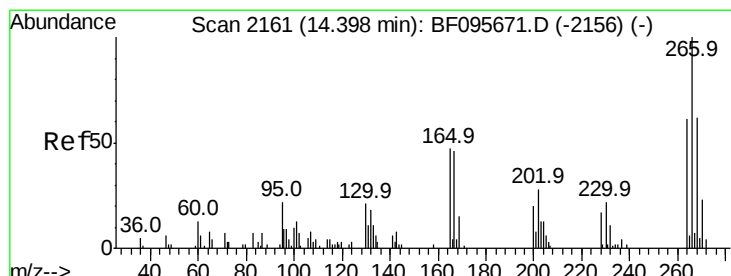
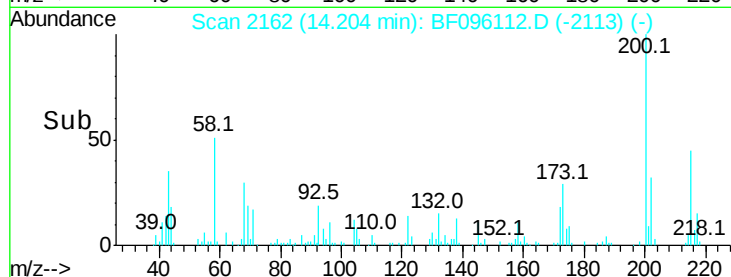
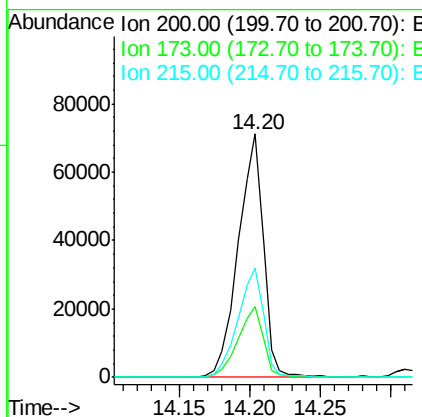
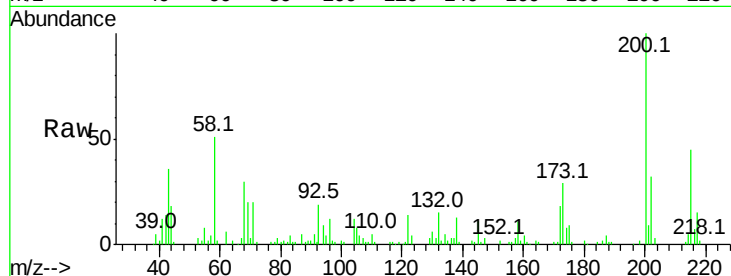




#68
Atrazine
Concen: 55.00 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

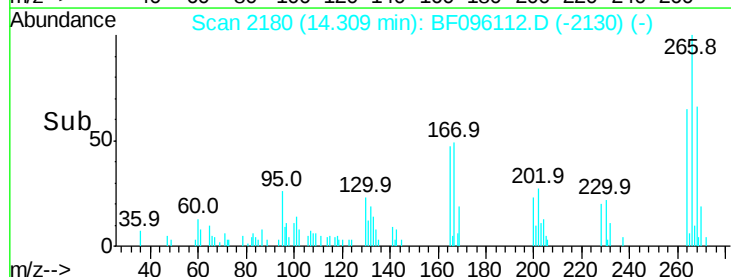
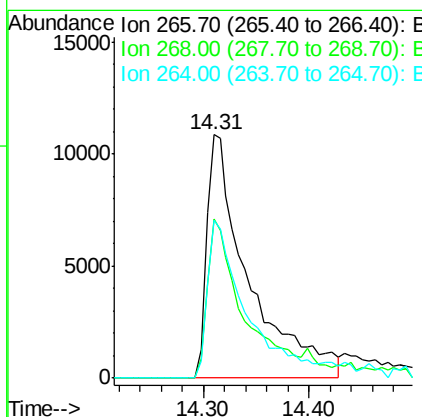
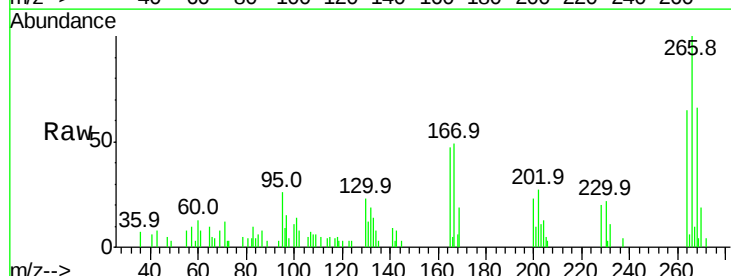
Instrument :
BNA_F
ClientSampled :

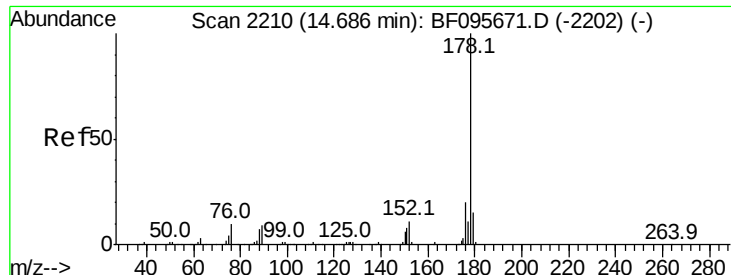
Tot Ion:200 Resp: 88729
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 44.9 27.2 67.2



#69
Pentachlorophenol
Concen: 50.28 ng
RT: 14.31 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:266 Resp: 29822
Ion Ratio Lower Upper
266 100
268 65.6 51.1 76.7
264 64.9 51.7 77.5





#70

Phenanthrene

Concen: 51.37 ng

RT: 14.57 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

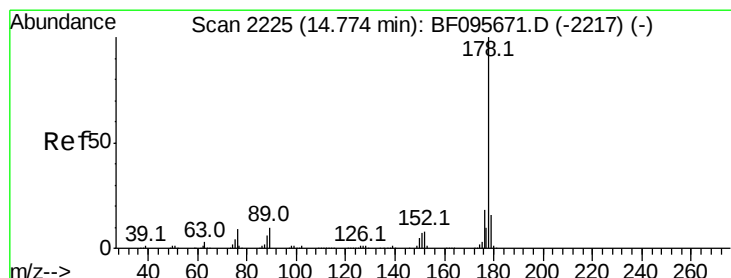
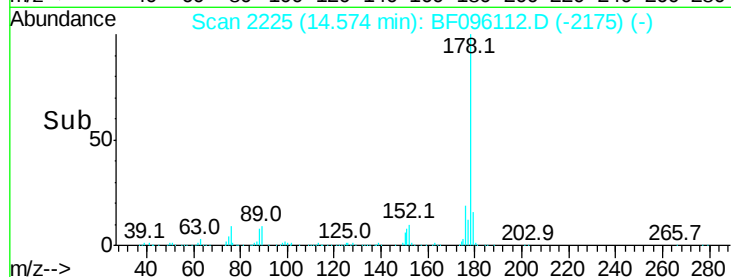
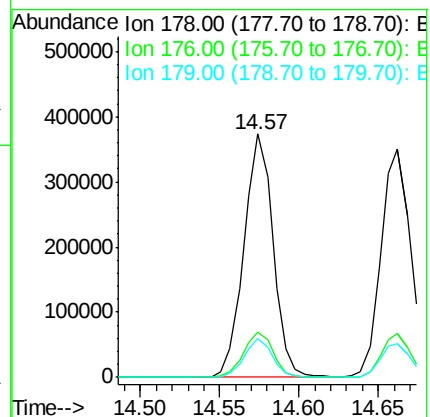
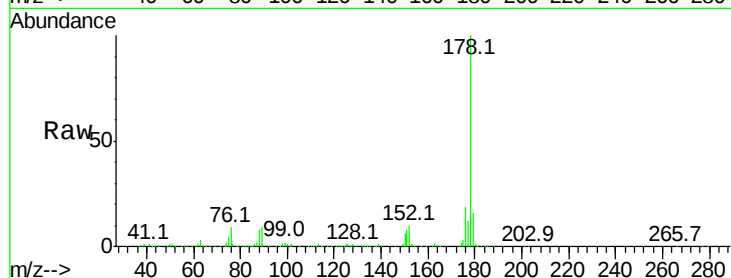
Tot Ion:178 Resp: 478125

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

179 15.8 12.6 19.0



#71

Anthracene

Concen: 49.03 ng

RT: 14.66 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

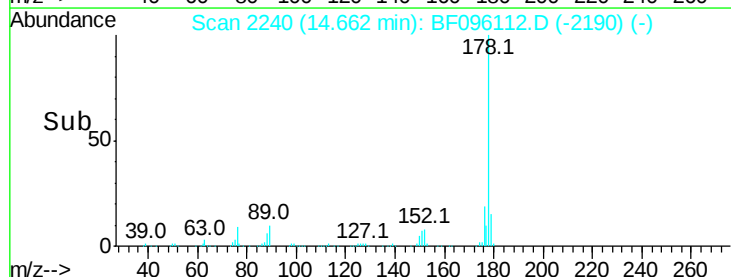
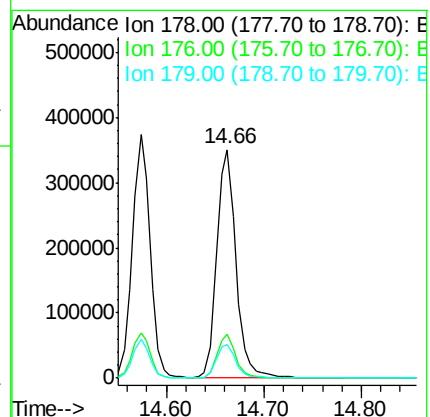
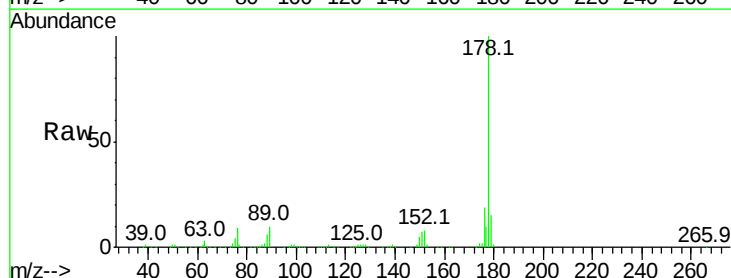
Tgt Ion:178 Resp: 476468

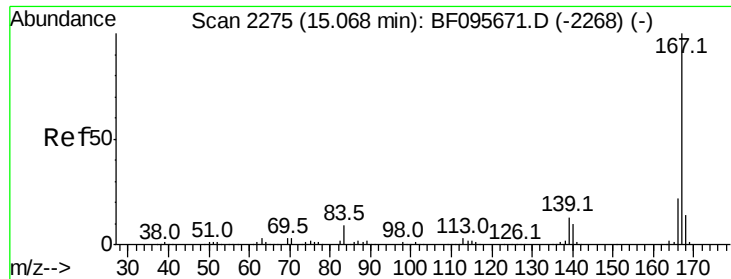
Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

179 14.9 12.7 19.1

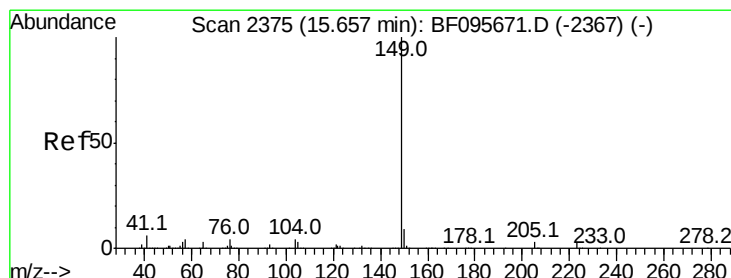
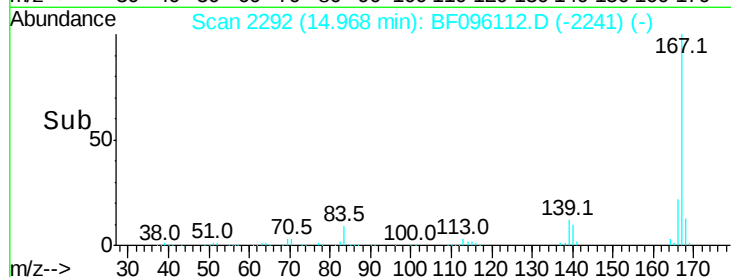
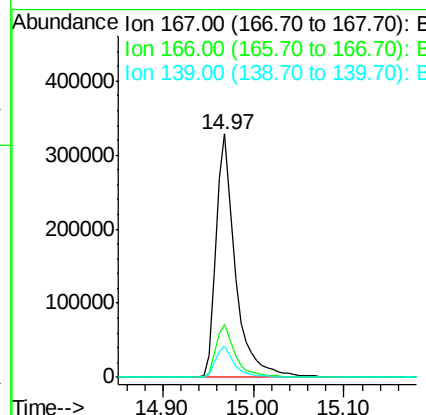
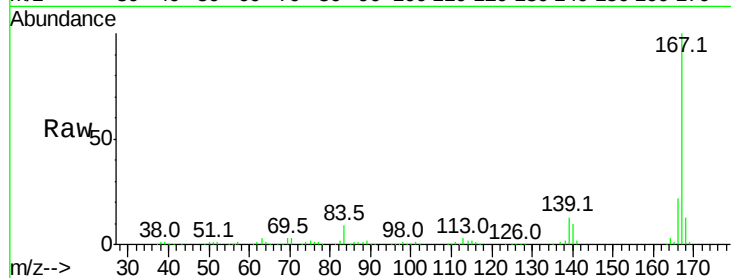




#72
 Carbazole
 Concen: 51.99 ng
 RT: 14.97 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

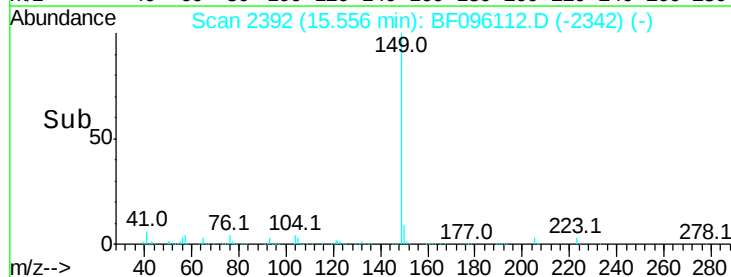
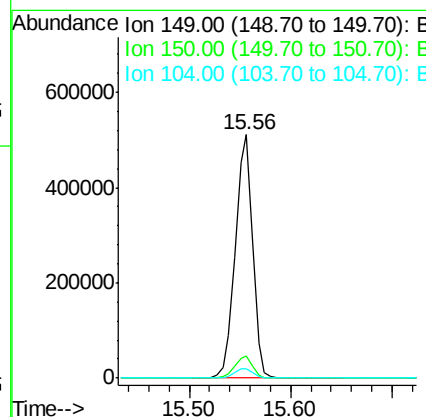
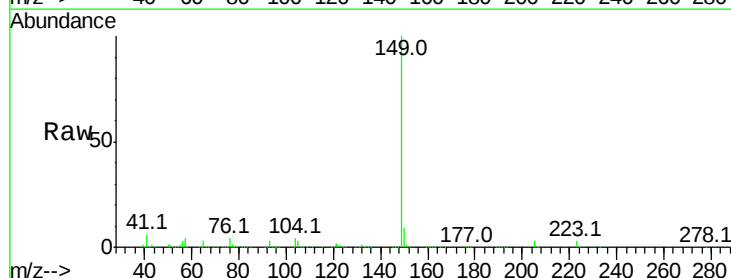
Instrument :
 BNA_F
 ClientSampleId :

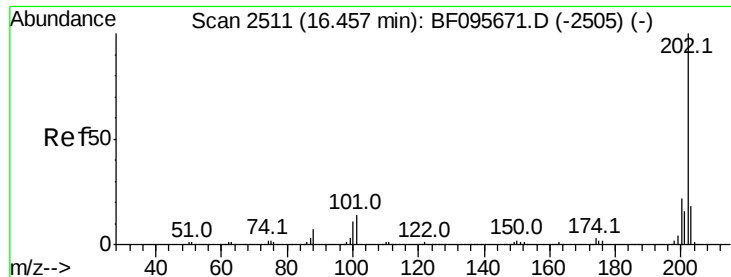
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.6	11.7	17.5



#73
 Di-n-butylphthalate
 Concen: 60.19 ng
 RT: 15.56 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

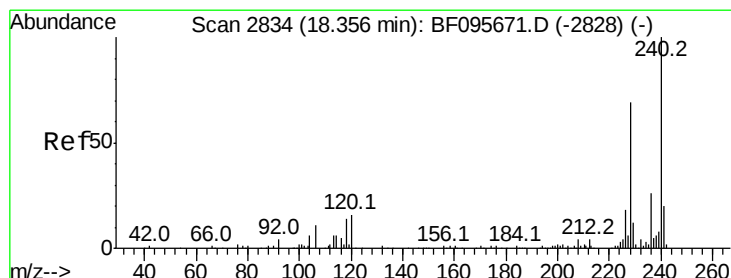
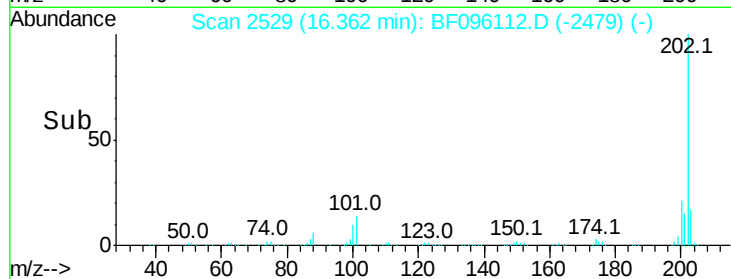
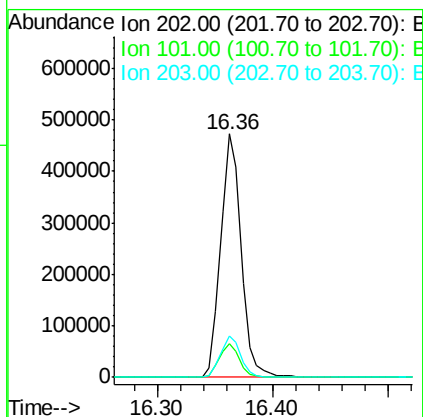
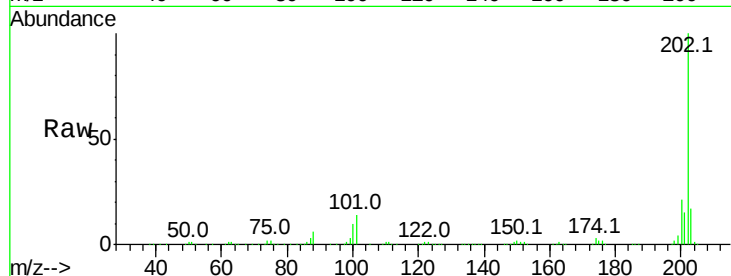




#74
 Fluoranthene
 Concen: 63.35 ng
 RT: 16.36 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

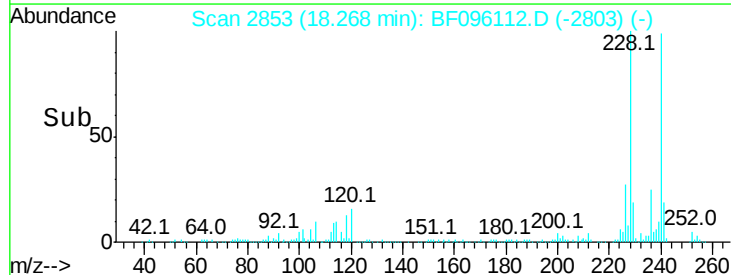
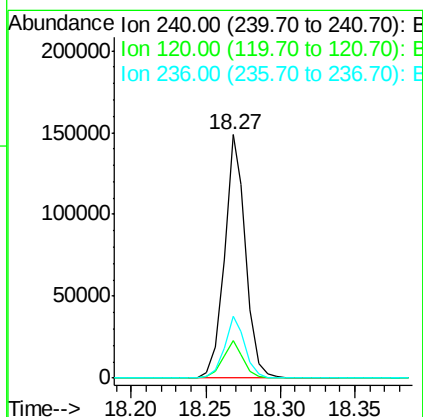
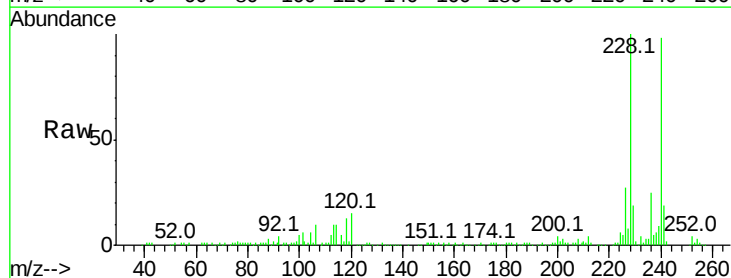
Instrument :
 BNA_F
 ClientSampleId :

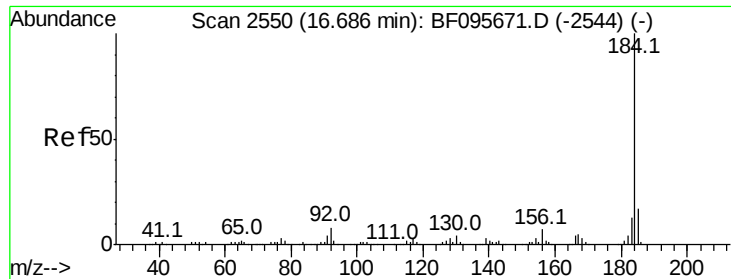
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	17.2	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	25.4	20.5	30.7

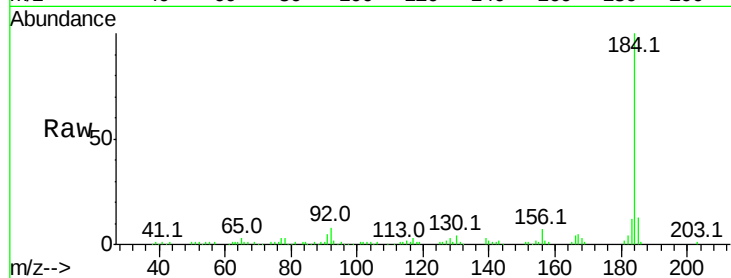




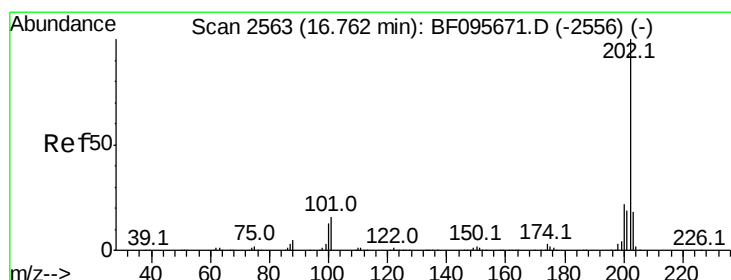
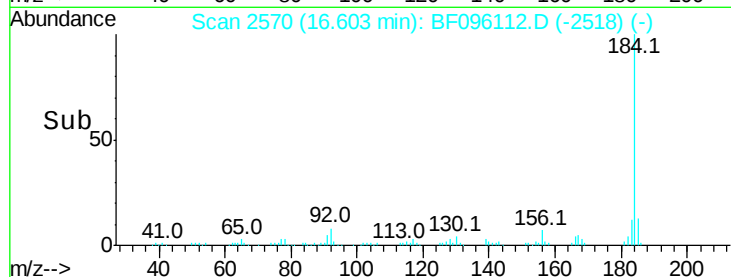
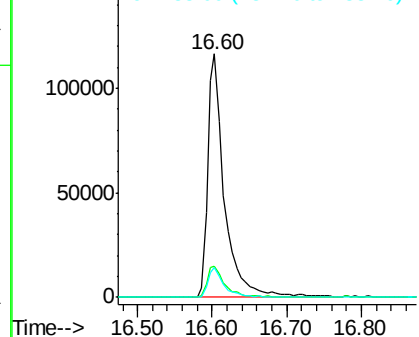
#76
Benzidine
Concen: 32.39 ng
RT: 16.60 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 182954
Ion Ratio Lower Upper
184 100
185 13.0 15.5 23.3#
183 12.4 9.8 14.6

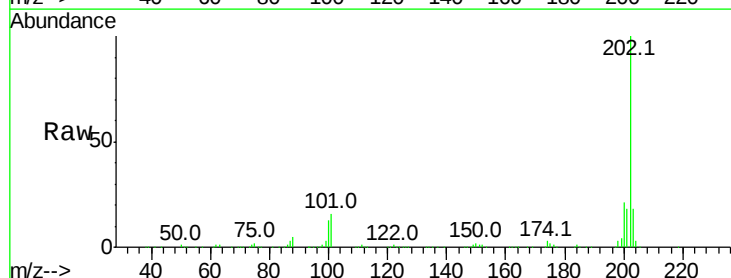


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

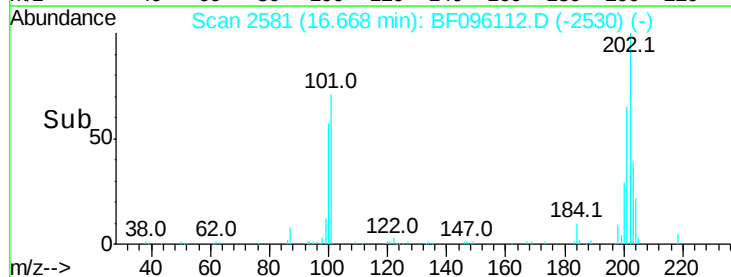
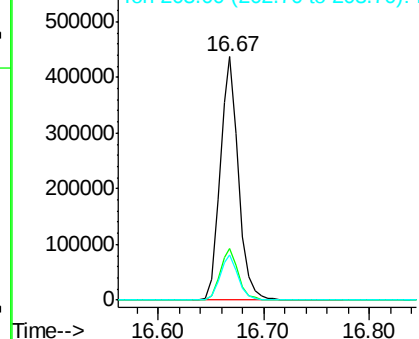


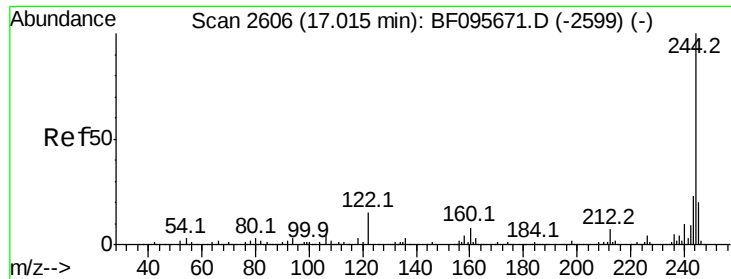
#77
Pyrene
Concen: 48.49 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:202 Resp: 532126
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.3 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

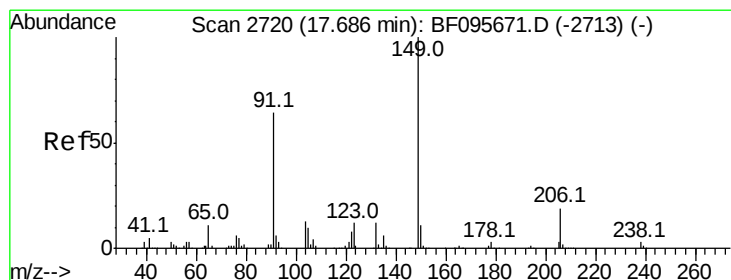
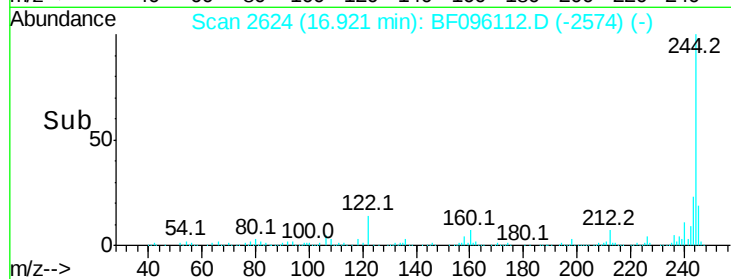
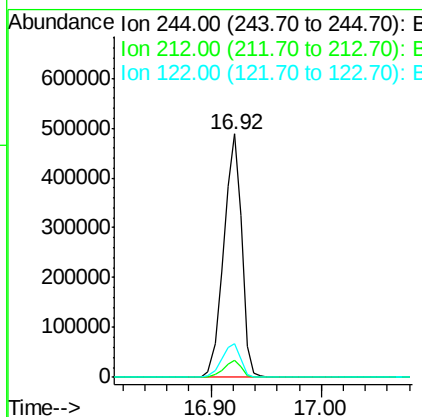
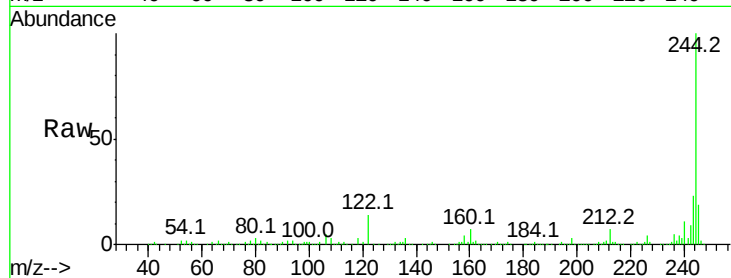




#78
 Terphenyl-d14
 Concen: 93.39 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

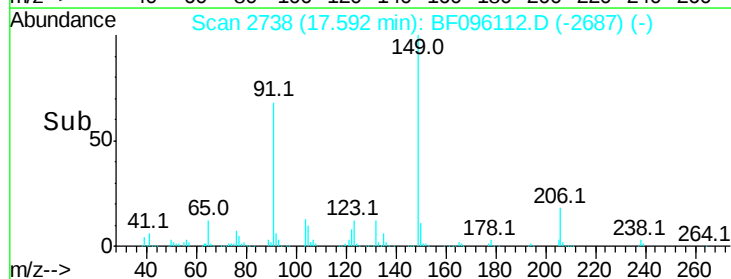
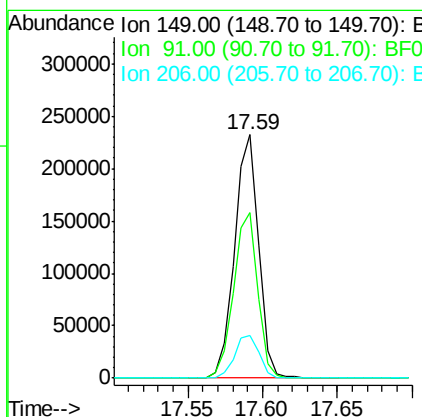
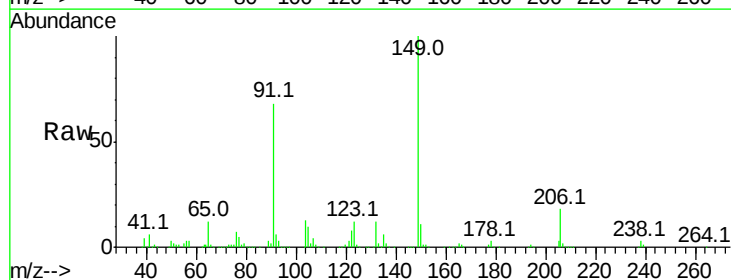
Instrument :
 BNA_F
 ClientSampleId :

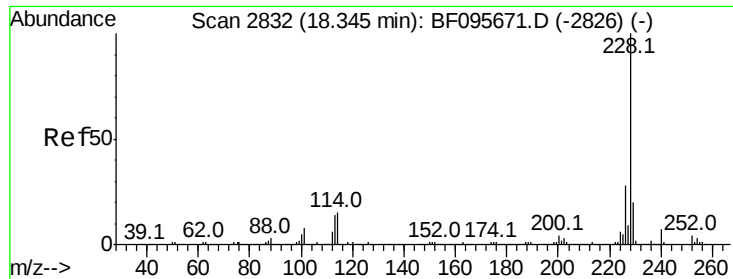
Tot Ion:244 Resp: 553430
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.8 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 54.52 ng
 RT: 17.59 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BF096112.D
 Acq: 22 Jun 2017 8:01

Tgt Ion:149 Resp: 261264
 Ion Ratio Lower Upper
 149 100
 91 67.8 45.0 67.4#
 206 17.7 17.0 25.6

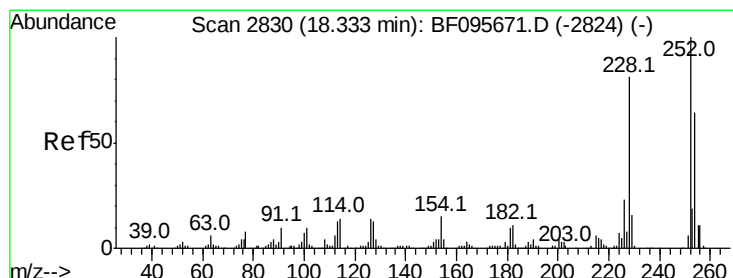
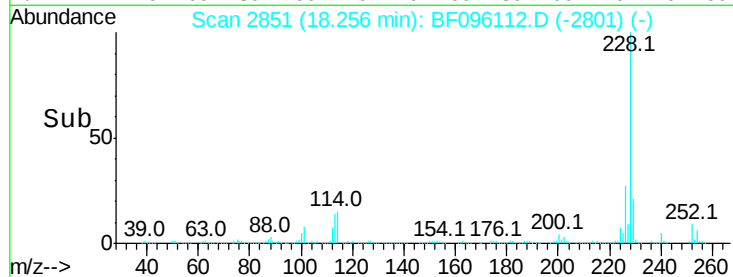
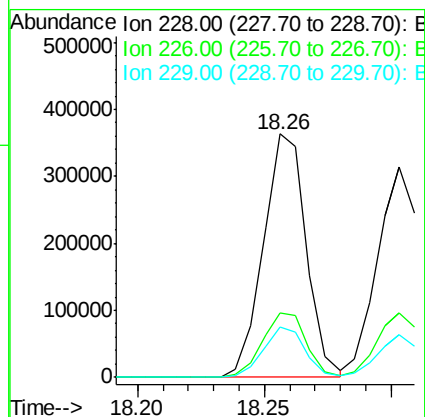
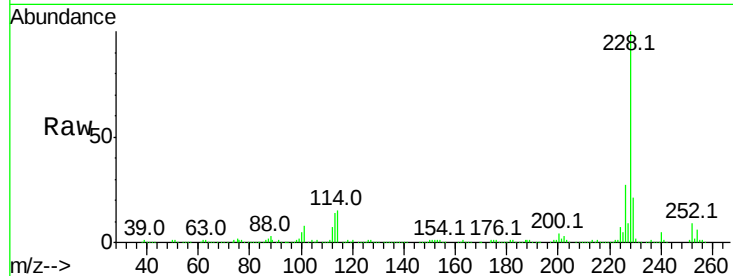




#80
Benzo(a)anthracene
Concen: 50.13 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

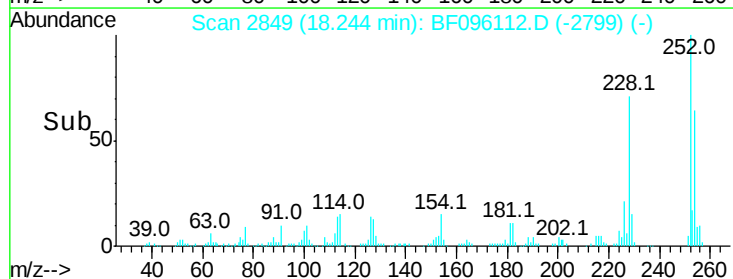
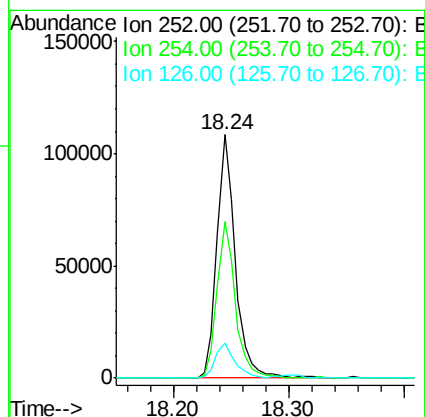
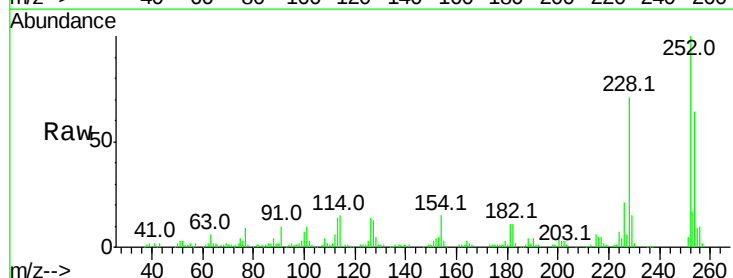
Instrument :
BNA_F
ClientSampled :

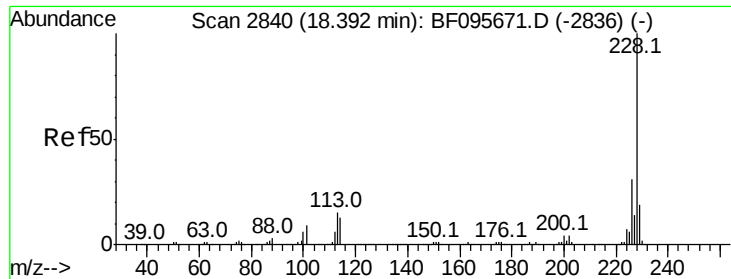
Tot Ion:228 Resp: 428616
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 20.9 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 39.70 ng
RT: 18.24 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:252 Resp: 120675
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 14.5 15.8 23.8#





#82

Chrysene

Concen: 44.73 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampleId :

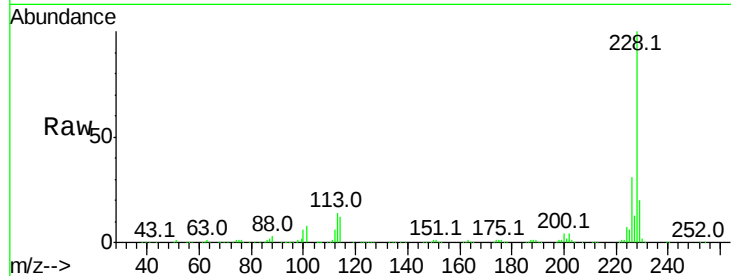
Tot Ion:228 Resp: 382235

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

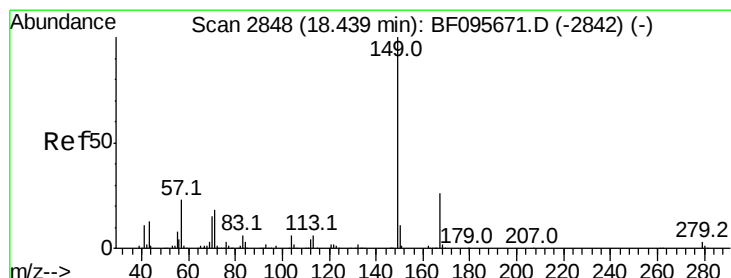
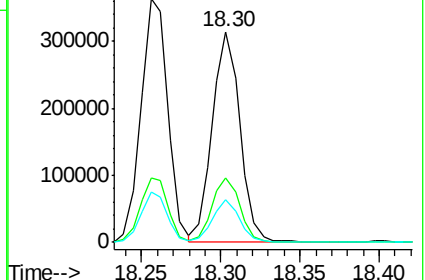
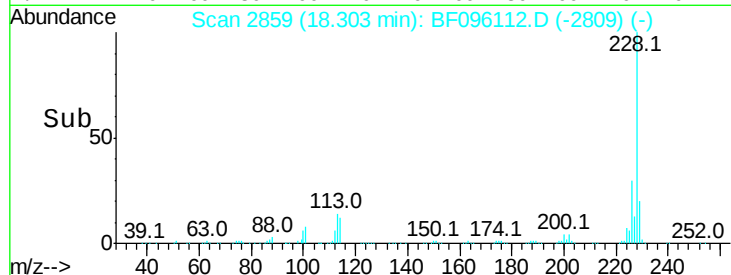
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 56.51 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

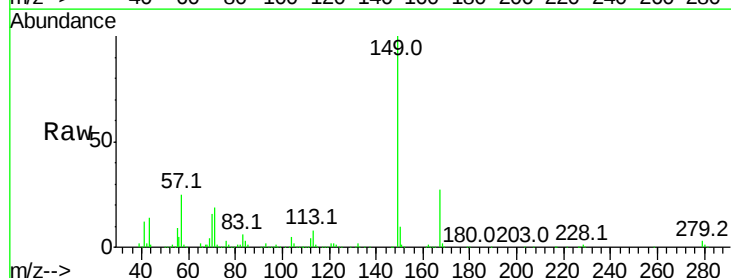
Tgt Ion:149 Resp: 382026

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

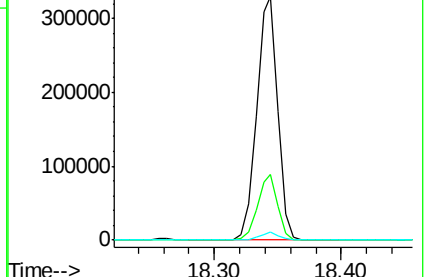
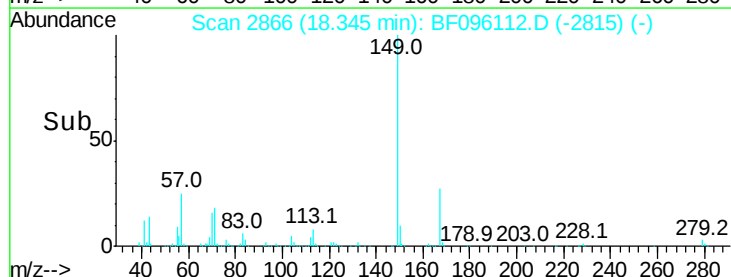
279 3.1 1.9 2.9#

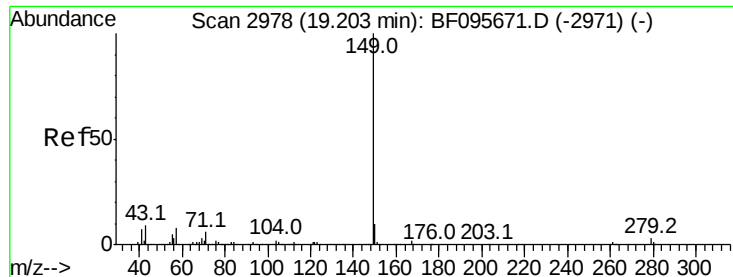


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

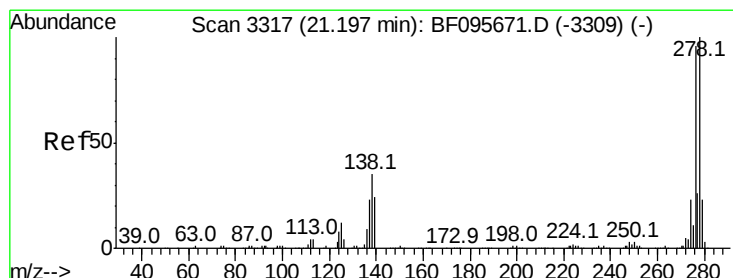
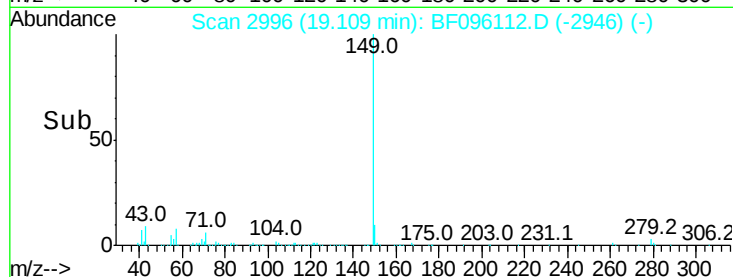
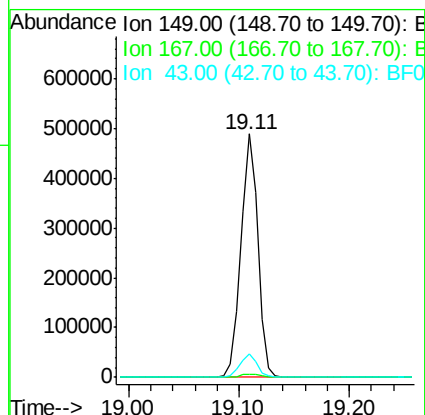
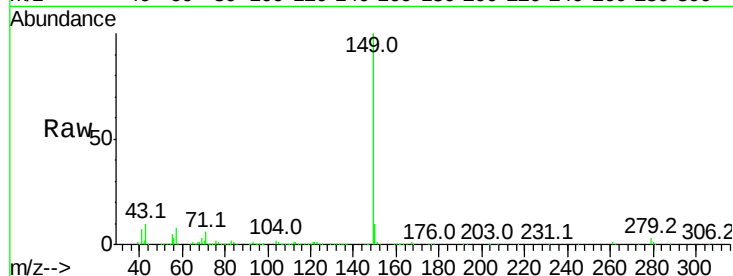




#84
Di-n-octyl phthalate
Concen: 47.69 ng
RT: 19.11 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

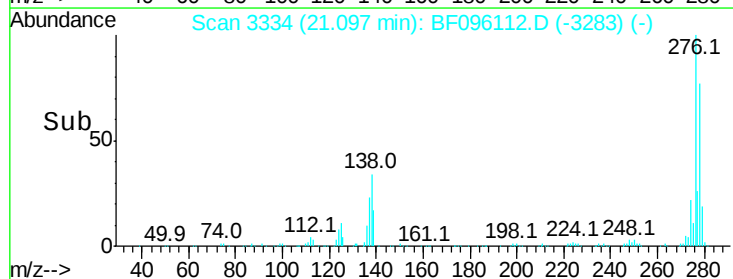
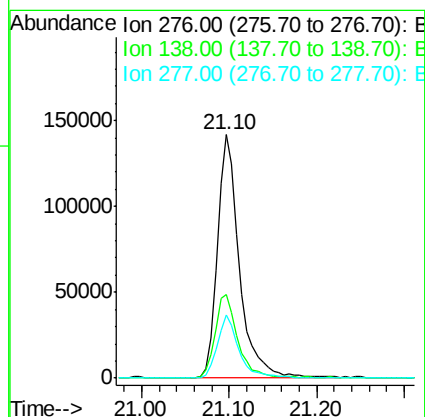
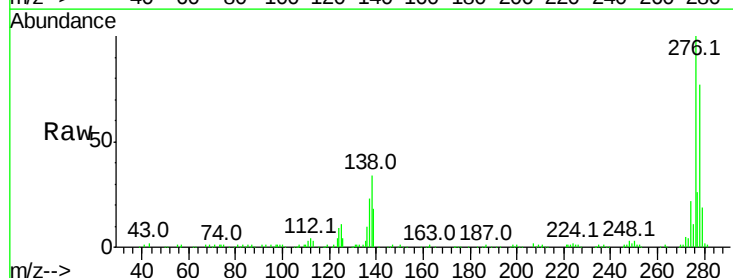
Instrument :
BNA_F
ClientSampleId :

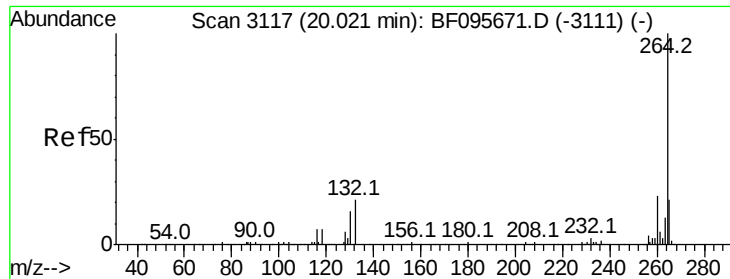
Tot Ion:149 Resp: 531289
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.75 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:276 Resp: 246725
Ion Ratio Lower Upper
276 100
138 36.0 27.8 41.6
277 25.6 20.2 30.4

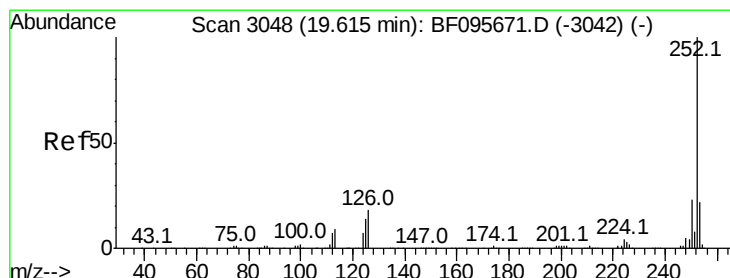
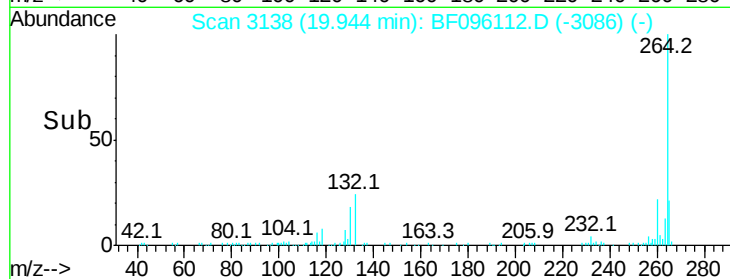
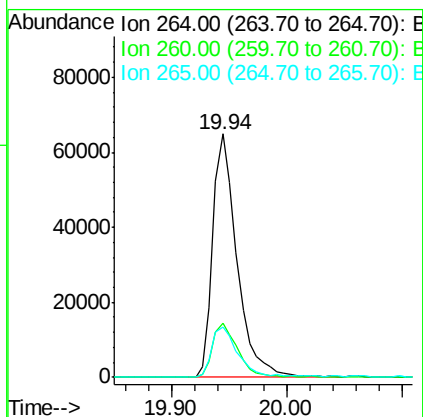
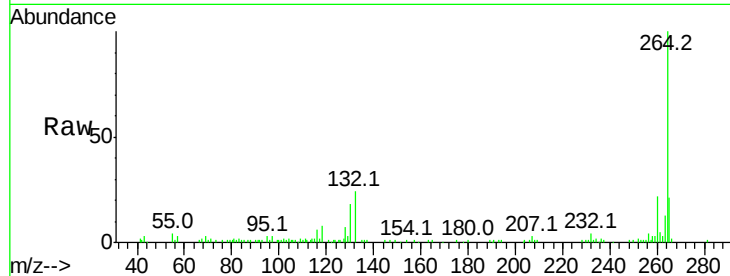




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

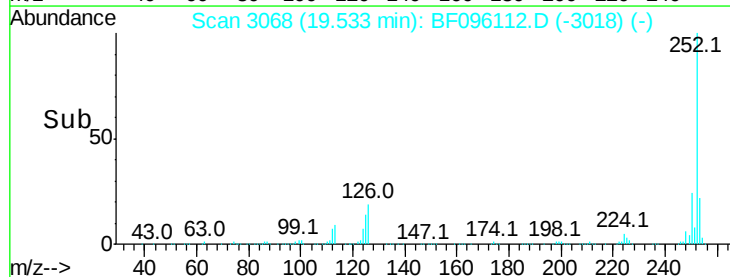
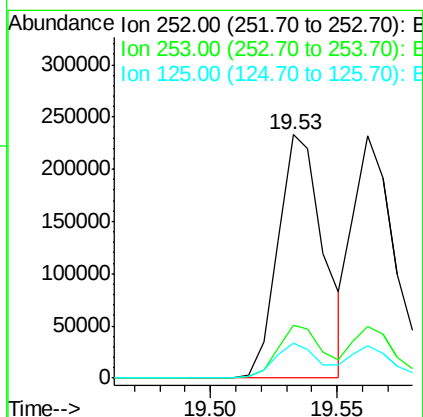
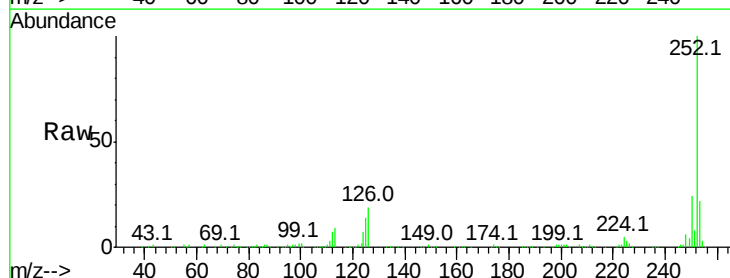
Instrument :
BNA_F
ClientSampleId :

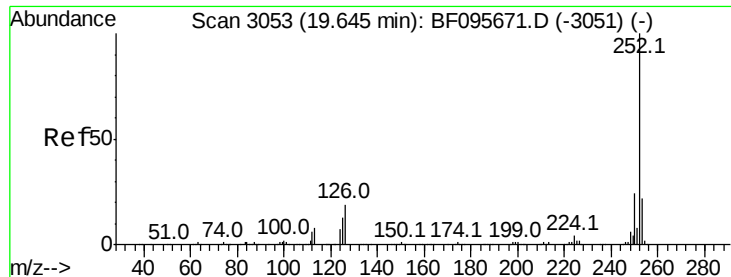
Tot Ion:264 Resp: 94666
Ion Ratio Lower Upper
264 100
260 22.2 19.5 29.3
265 20.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 49.12 ng
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion:252 Resp: 291142
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 14.2 9.8 14.8

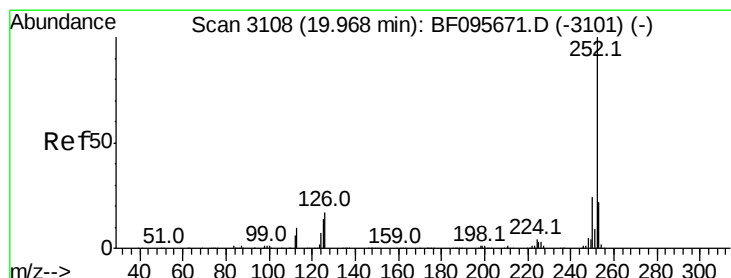
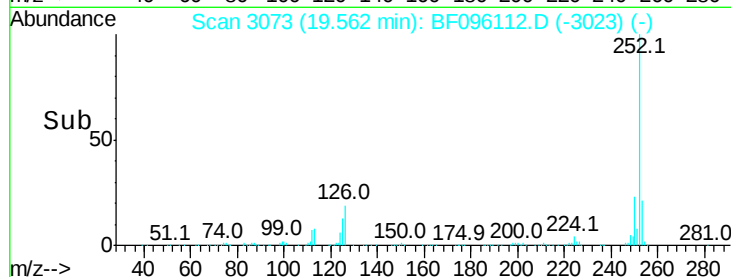
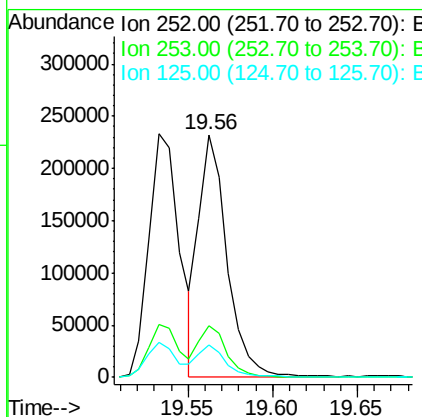
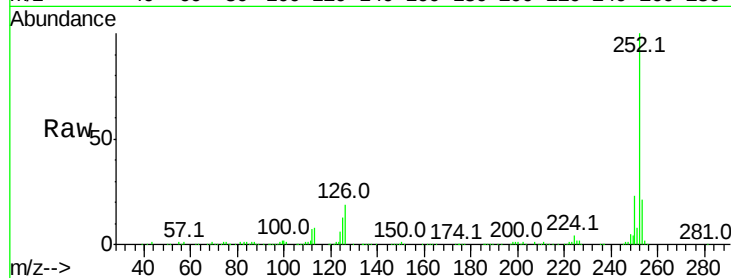




#88
Benzo(k)fluoranthene
Concen: 47.39 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

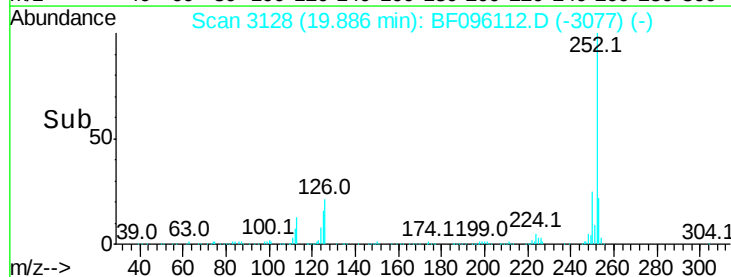
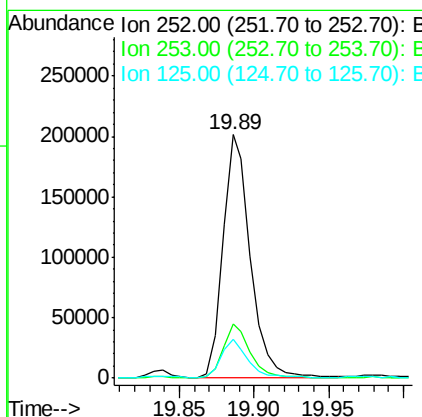
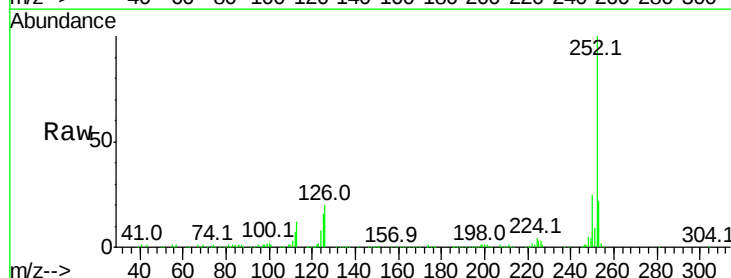
Instrument :
BNA_F
ClientSampleId :

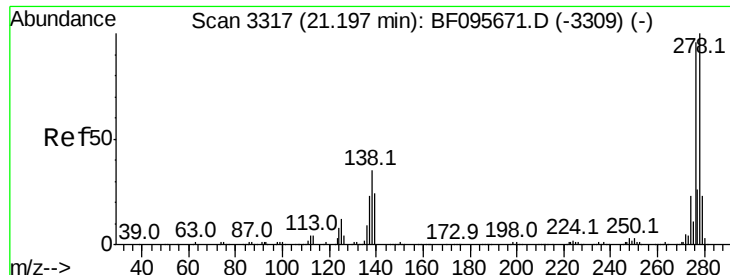
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.4	27.6
125	13.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 47.53 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096112.D
Acq: 22 Jun 2017 8:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.9	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 44.33 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

Instrument :

BNA_F

ClientSampled :

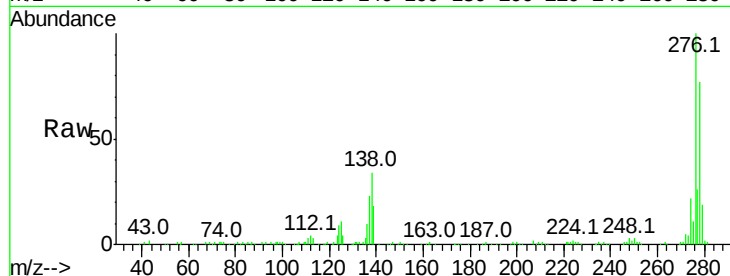
Tot Ion:278 Resp: 204895

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

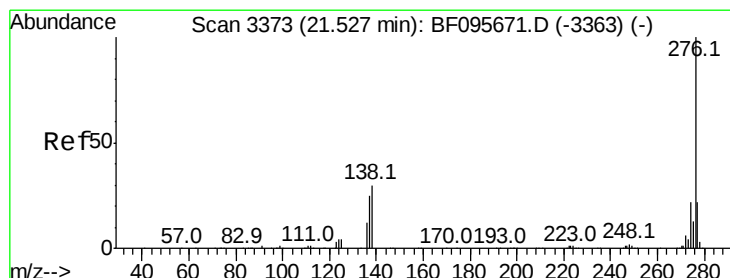
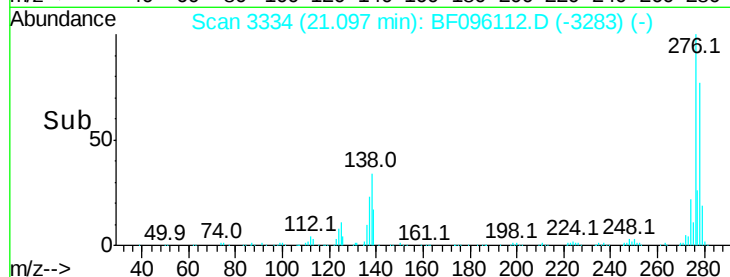
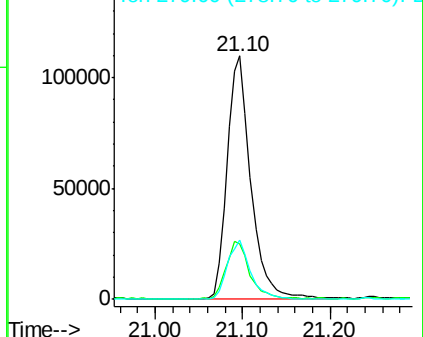
279 24.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.86 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096112.D

Acq: 22 Jun 2017 8:01

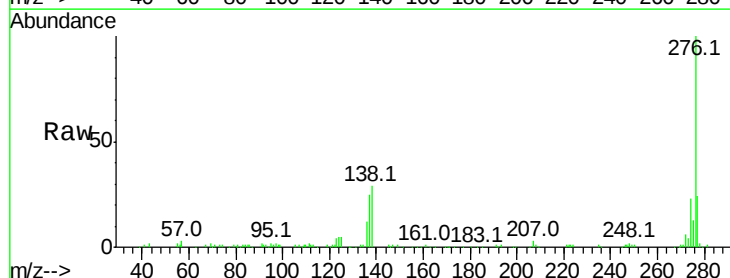
Tgt Ion:276 Resp: 230203

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 29.1 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

