

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095786.D
 Acq On : 8 Jun 2017 16:36
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 17:26:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	68070	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	288137	20.00	ng	0.00
38) Acenaphthene-d10	12.23	164	129800	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	234861	20.00	ng	0.00
75) Chrysene-d12	18.34	240	198644	20.00	ng	0.00
86) Perylene-d12	20.00	264	158423	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	374251	87.61	ng	0.00
7) Phenol-d6	6.93	99	449572	87.91	ng	0.00
23) Nitrobenzene-d5	8.29	82	379929	81.89	ng	0.00
41) 2,4,6-Tribromophenol	13.52	330	97036	84.49	ng	0.00
44) 2-Fluorobiphenyl	11.19	172	752265	80.65	ng	0.00
78) Terphenyl-d14	17.00	244	637583	79.66	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.68	88	81204	39.96	ng	92
3) Pyridine	2.23	79	204978	42.92	ng	98
4) n-Nitrosodimethylamine	2.20	42	74787	41.19	ng	80
6) Aniline	6.87	93	282474	42.22	ng	94
8) 2-Chlorophenol	7.06	128	194684	42.86	ng	95
9) Benzaldehyde	6.67	77	138886	40.26	ng	95
10) Phenol	6.95	94	230973	43.54	ng	90
11) bis(2-Chloroethyl)ether	7.02	93	181254	43.13	ng	97
12) 1,3-Dichlorobenzene	7.27	146	216492	42.11	ng	99
13) 1,4-Dichlorobenzene	7.40	146	220757	42.34	ng	97
14) 1,2-Dichlorobenzene	7.63	146	205667	42.79	ng	95
15) Benzyl Alcohol	7.67	79	153953	43.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.88	45	243247	41.20	ng	95
17) 2-Methylphenol	7.90	107	162827	42.72	ng	96
18) Hexachloroethane	8.15	117	74103	43.03	ng	# 86
19) n-Nitroso-di-n-propylamine	8.10	70	140002	43.20	ng	92
20) 3+4-Methylphenols	8.16	107	216055	44.65	ng	# 61
22) Acetophenone	8.06	105	273809	40.60	ng	# 84
24) Nitrobenzene	8.32	77	197084	39.77	ng	91
25) Isophorone	8.73	82	344903	39.81	ng	# 94
26) 2-Nitrophenol	8.83	139	108661	41.87	ng	100
27) 2,4-Dimethylphenol	8.98	122	165055	40.98	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	229811	40.24	ng	99
29) 2,4-Dichlorophenol	9.25	162	157181	40.52	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	165120	40.91	ng	97
31) Naphthalene	9.44	128	582778	40.30	ng	99
32) Benzoic acid	9.34	122	99139	40.30	ng	96
33) 4-Chloroaniline	9.58	127	236039	41.76	ng	# 93
34) Hexachlorobutadiene	9.66	225	83379	39.98	ng	95
35) Caprolactam	10.23	113	49674	43.04	ng	96
36) 4-Chloro-3-methylphenol	10.46	107	170583	42.01	ng	91
37) 2-Methylnaphthalene	10.56	142	391944	40.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	158298	40.75	ng	98
40) Hexachlorocyclopentadiene	10.82	237	39088	38.83	ng	96

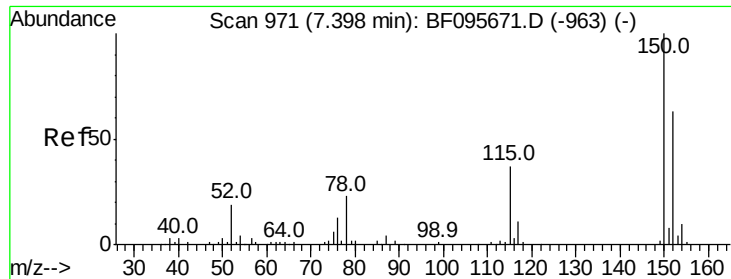
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095786.D
 Acq On : 8 Jun 2017 16:36
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 17:26:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	103834	41.57	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	113279	42.64	nq #	92
45) 1,1'-Biphenyl	11.33	154	435256	40.69	nq	97
46) 2-Chloronaphthalene	11.35	162	338362	40.48	nq	96
47) 2-Nitroaniline	11.57	65	100401	41.05	nq #	78
48) Acenaphthylene	12.00	152	578506	40.47	nq	98
49) Dimethylphthalate	11.89	163	396019	40.18	nq	99
50) 2,6-Dinitrotoluene	11.99	165	88821	41.32	nq #	85
51) Acenaphthene	12.29	154	335728	40.67	nq	99
52) 3-Nitroaniline	12.24	138	104760	41.83	nq	91
53) 2,4-Dinitrophenol	12.47	184	44789	40.29	nq #	69
54) Dibenzofuran	12.57	168	476884	41.05	nq	98
55) 4-Nitrophenol	12.66	139	48952	36.17	nq #	66
56) 2,4-Dinitrotoluene	12.65	165	123242	42.45	nq #	89
57) Fluorene	13.12	166	413744	40.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.82	232	76656	42.17	nq #	92
59) Diethylphthalate	13.04	149	384850	40.58	nq	98
60) 4-Chlorophenyl-phenylether	13.15	204	180428	41.04	nq	89
61) 4-Nitroaniline	13.24	138	97604	41.74	nq	97
62) Azobenzene	13.41	77	343785	39.99	nq	94
64) 4,6-Dinitro-2-methylphenol	13.32	198	64366	41.69	nq #	66
65) n-Nitrosodiphenylamine	13.36	169	340853	40.39	nq	98
66) 4-Bromophenyl-phenylether	13.93	248	98005	40.15	nq	96
67) Hexachlorobenzene	14.02	284	100036	41.59	nq #	88
68) Atrazine	14.29	200	95115	40.50	nq	95
69) Pentachlorophenol	14.37	266	29530	36.31	nq	93
70) Phenanthrene	14.66	178	558553	41.22	nq	98
71) Anthracene	14.74	178	579492	40.96	nq	98
72) Carbazole	15.04	167	582970	42.28	nq	98
73) Di-n-butylphthalate	15.63	149	608886	41.51	nq	99
74) Fluoranthene	16.44	202	575027	42.87	nq	99
76) Benzidine	16.66	184	280710	36.79	nq	95
77) Pyrene	16.74	202	588683	39.72	nq	99
79) Butylbenzylphthalate	17.66	149	256456	39.62	nq #	87
80) Benzo(a)anthracene	18.33	228	472276	40.89	nq	98
81) 3,3'-Dichlorobenzidine	18.31	252	169422	41.26	nq #	96
82) Chrysene	18.37	228	462079	40.04	nq	100
83) Bis(2-ethylhexyl)phthalate	18.42	149	355961	38.98	nq #	99
84) Di-n-octyl phthalate	19.18	149	580337	38.57	nq	96
85) Indeno(1,2,3-cd)pyrene	21.17	276	328530	33.27	nq	100
87) Benzo(b)fluoranthene	19.60	252	403675	40.69	nq	97
88) Benzo(k)fluoranthene	19.63	252	411462	43.39	nq	96
89) Benzo(a)pyrene	19.94	252	371823	40.78	nq	97
90) Dibenzo(a,h)anthracene	21.17	278	278787	36.05	nq	97
91) Benzo(g,h,i)perylene	21.50	276	276995	35.13	nq	98

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

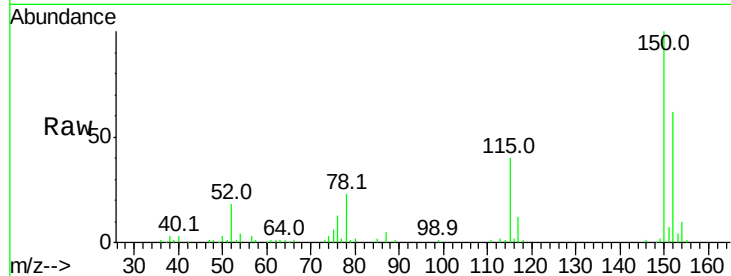


#1

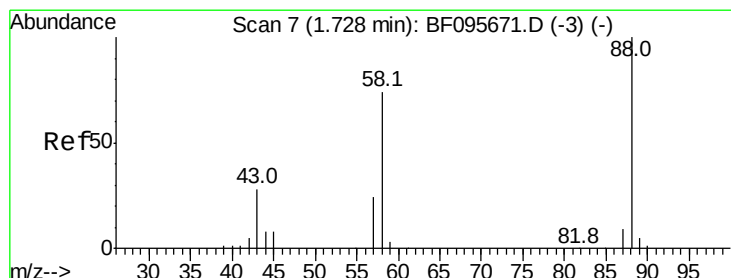
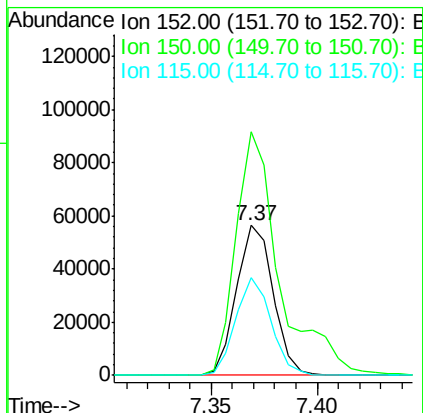
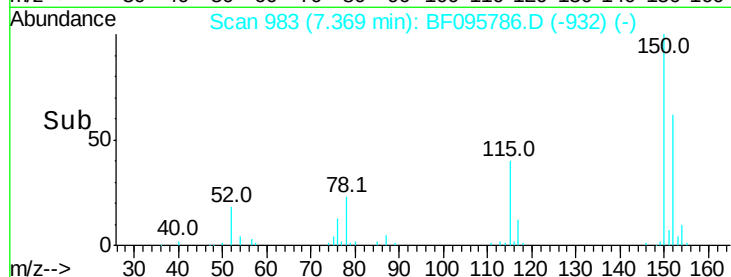
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 68070
Ion Ratio Lower Upper
152 100
150 162.5 126.2 189.2
115 65.2 52.2 78.2



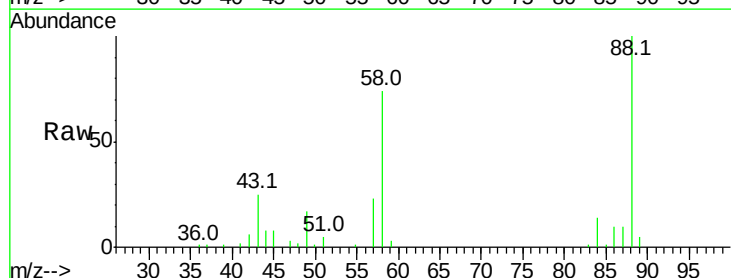
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



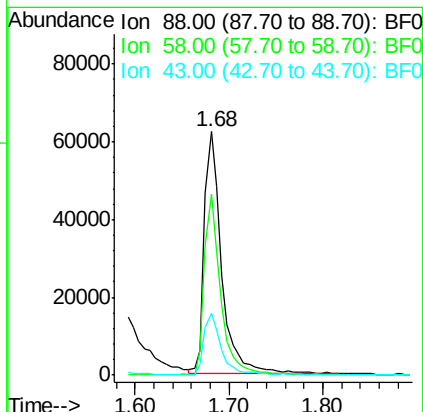
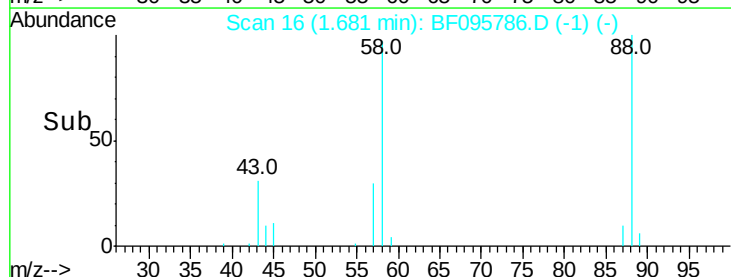
#2

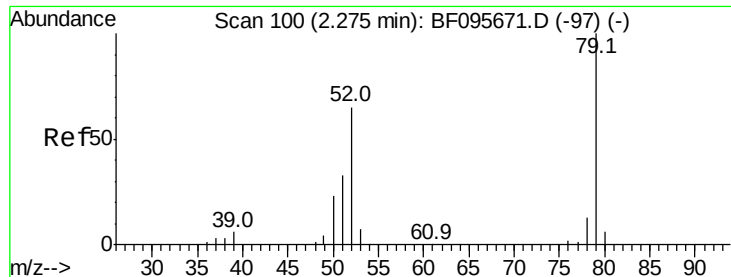
1,4-Dioxane
Concen: 39.96 ng
RT: 1.68 min Scan# 16
Delta R.T. -0.01 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion: 88 Resp: 81204
Ion Ratio Lower Upper
88 100
58 69.7 61.4 92.0
43 25.5 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



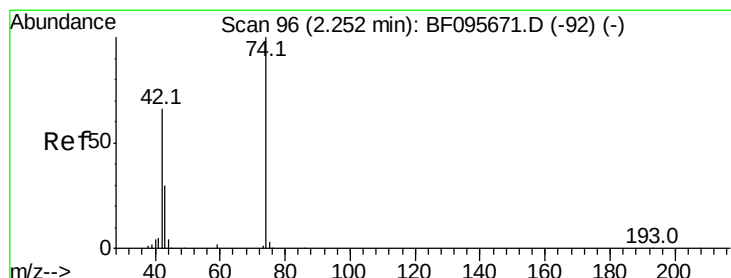
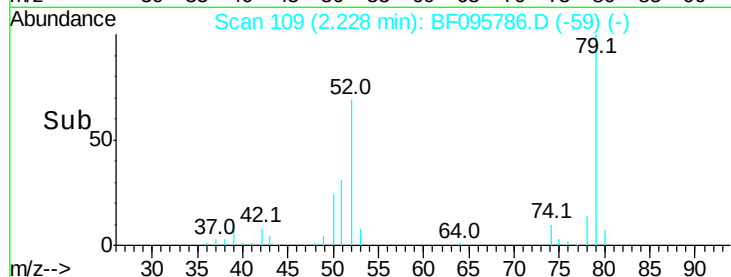
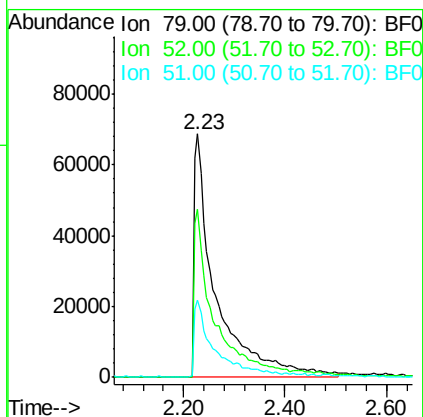
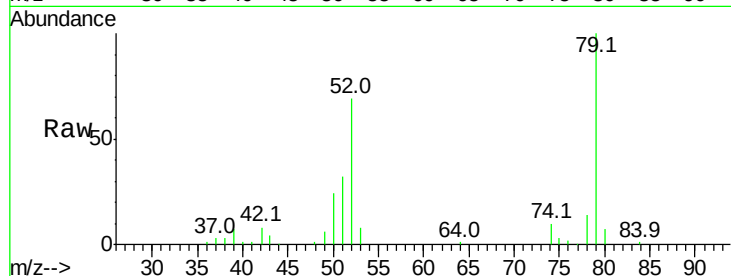


#3
 Pvridine
 Concen: 42.92 ng
 RT: 2.23 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 204978

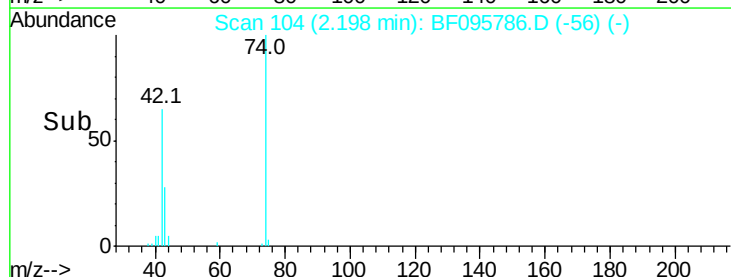
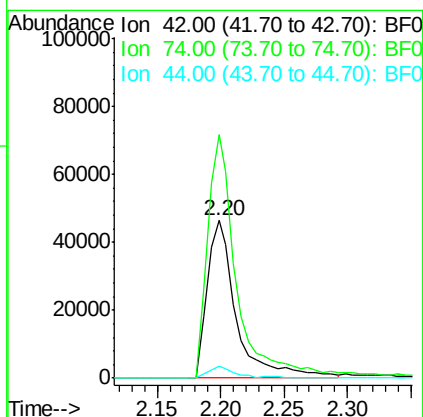
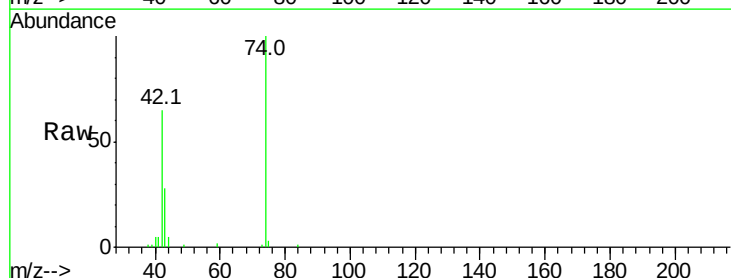
Ion	Ratio	Lower	Upper
79	100		
52	69.1	54.8	82.2
51	31.6	27.0	40.4

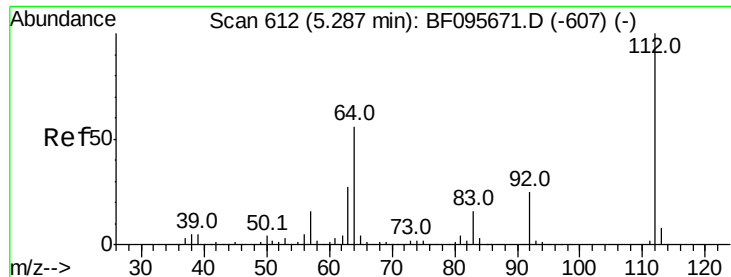


#4
 n-Nitrosodimethylamine
 Concen: 41.19 ng
 RT: 2.20 min Scan# 104
 Delta R.T. -0.02 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion: 42 Resp: 74787

Ion	Ratio	Lower	Upper
42	100		
74	154.5	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 87.61 ng

RT: 5.25 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF095786.D

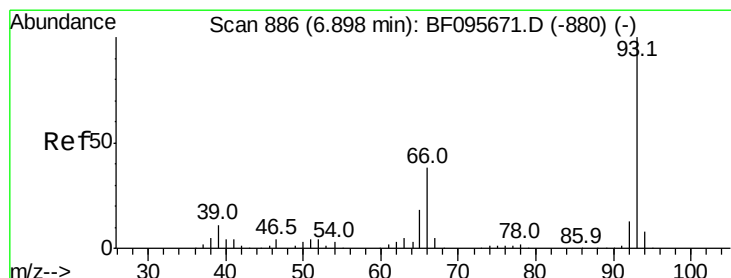
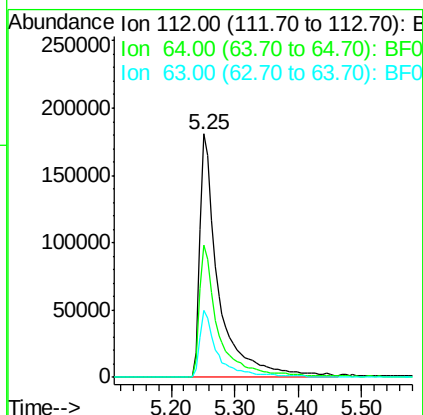
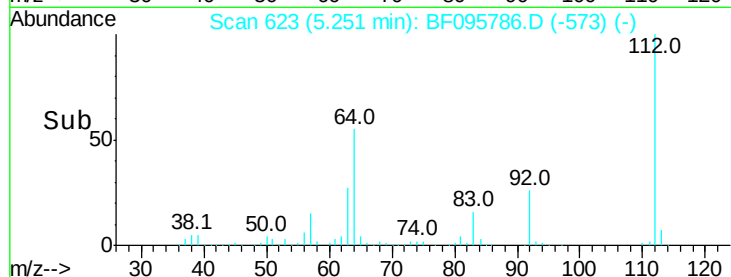
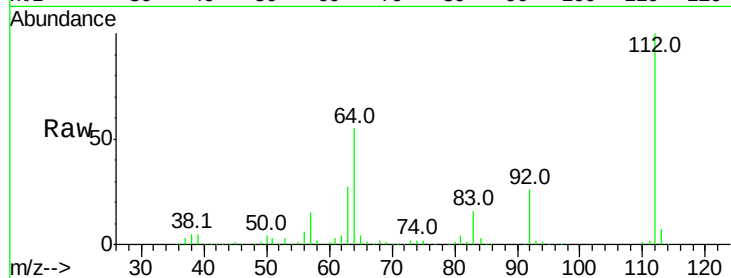
Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	374251
Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	27.3	23.4	35.0



#6

Aniline

Concen: 42.22 ng

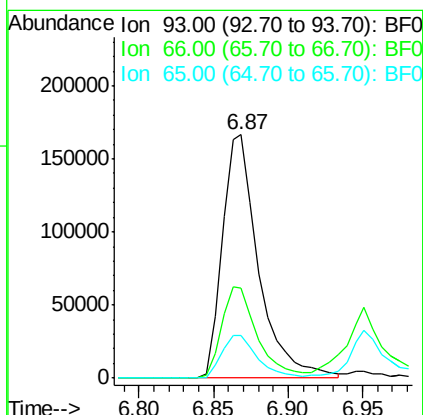
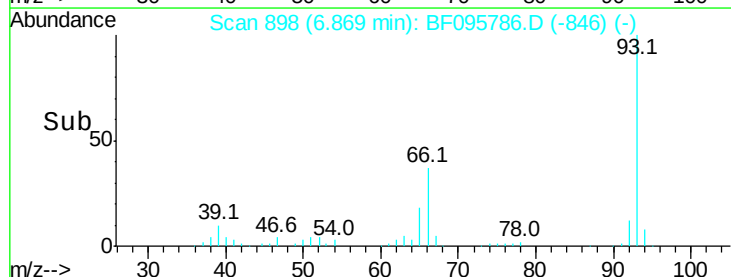
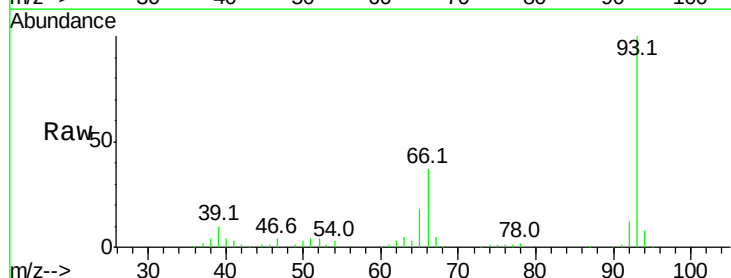
RT: 6.87 min Scan# 898

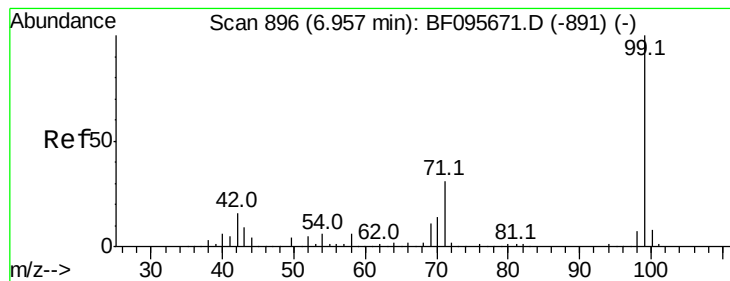
Delta R.T. 0.01 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Tgt Ion:	93	Resp:	282474
Ion	Ratio	Lower	Upper
93	100		
66	36.7	32.9	49.3
65	17.7	16.0	24.0





#7

Phenol-d6

Concen: 87.91 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

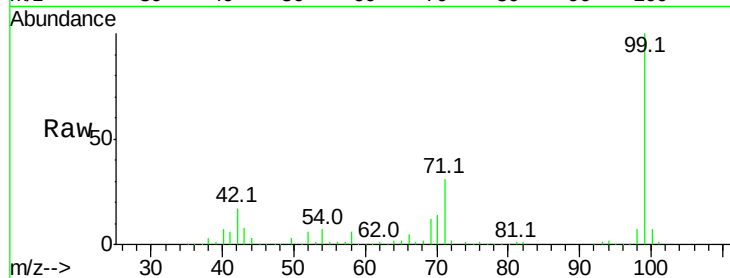
Tot Ion: 99 Resp: 449572

Ion Ratio Lower Upper

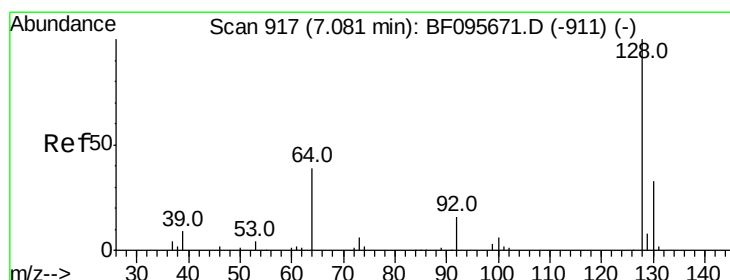
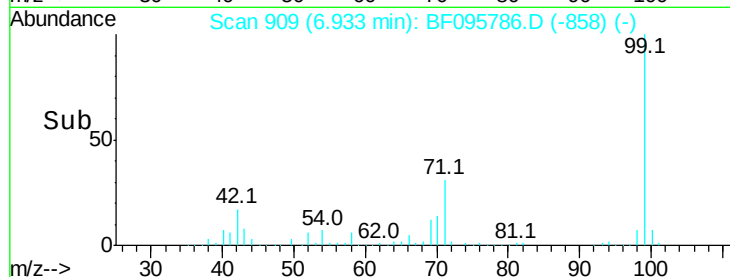
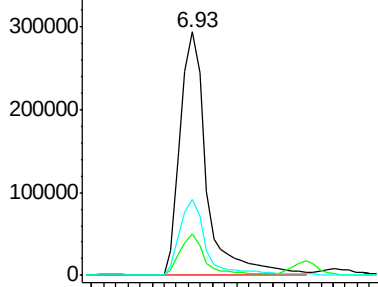
99 100

42 16.9 13.5 20.3

71 30.9 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: 42.86 ng

RT: 7.06 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

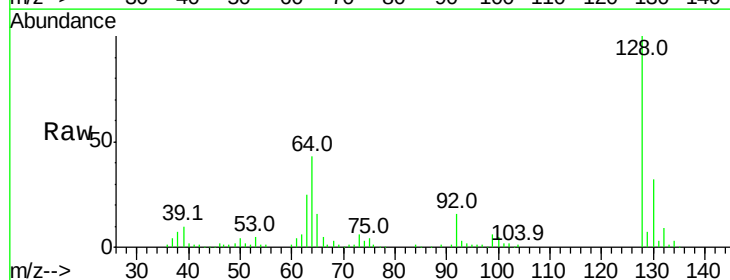
Tgt Ion: 128 Resp: 194684

Ion Ratio Lower Upper

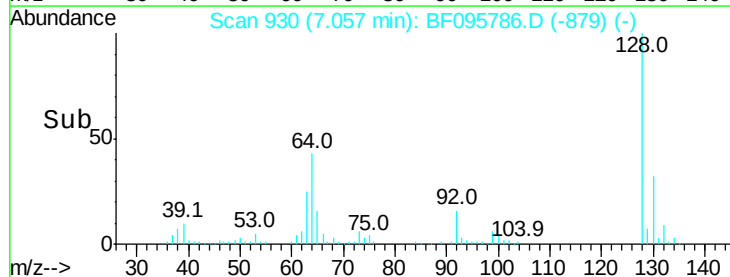
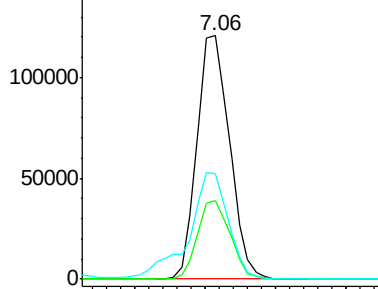
128 100

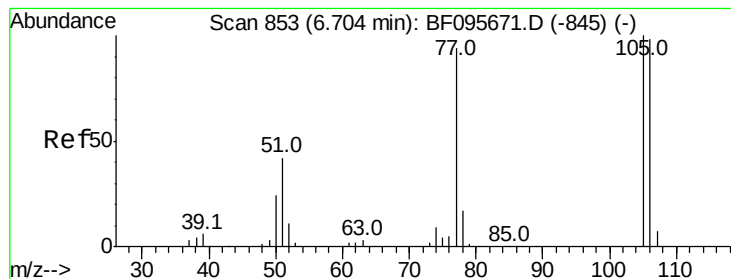
130 32.2 12.9 52.9

64 43.3 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: 40.26 ng

RT: 6.67 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampled :

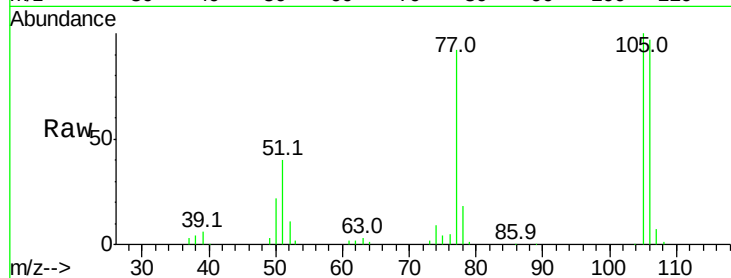
Tot Ion: 77 Resp: 138886

Ion Ratio Lower Upper

77 100

105 108.4 83.8 123.8

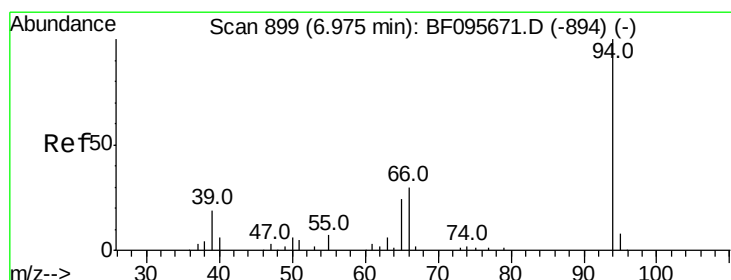
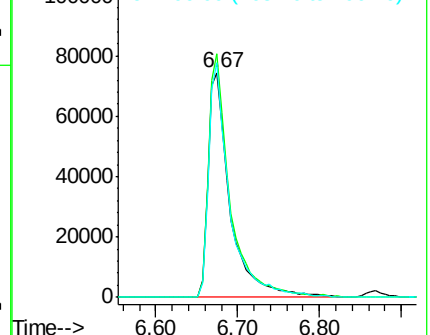
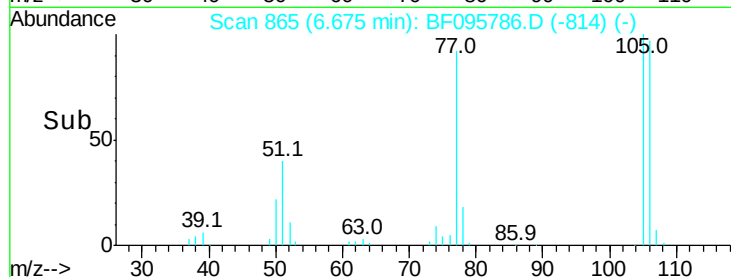
106 104.6 79.1 119.1



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: 43.54 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

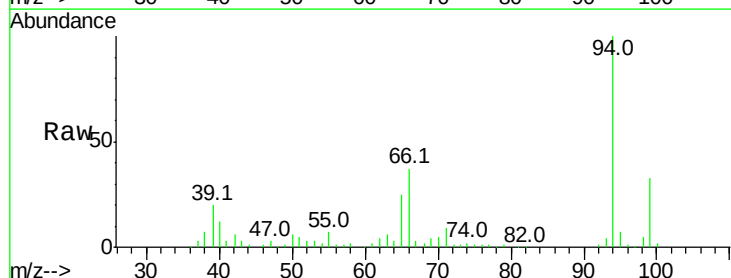
Tgt Ion: 94 Resp: 230973

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

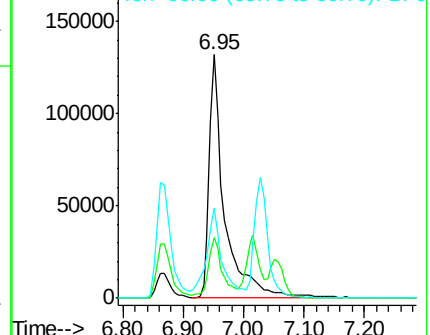
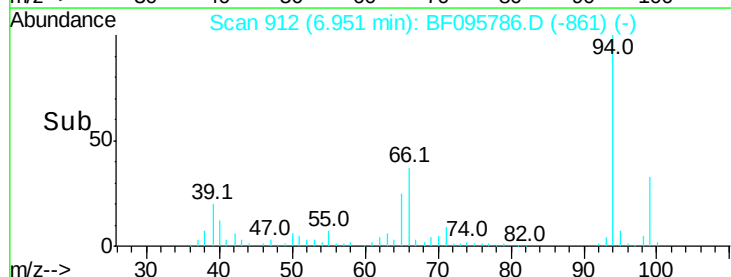
66 36.8 23.1 63.1

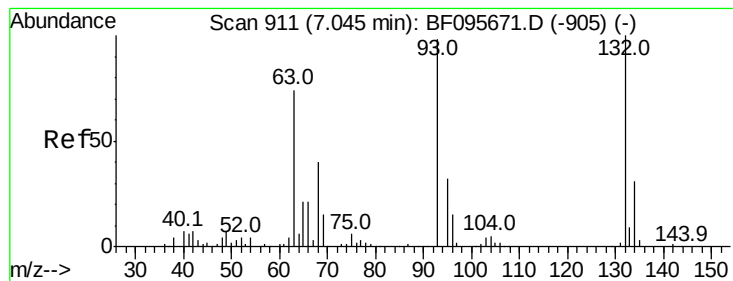


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

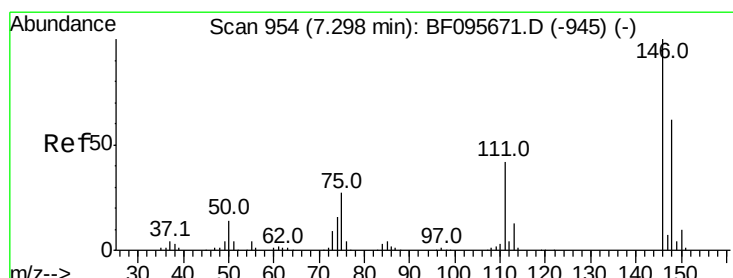
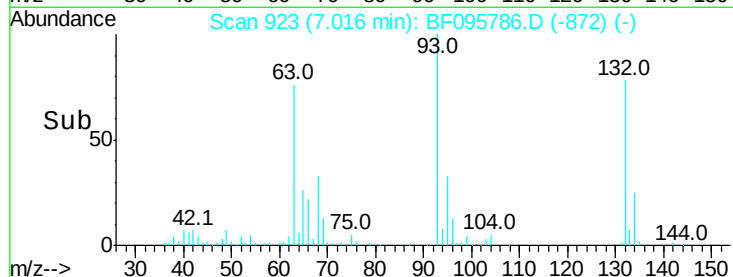
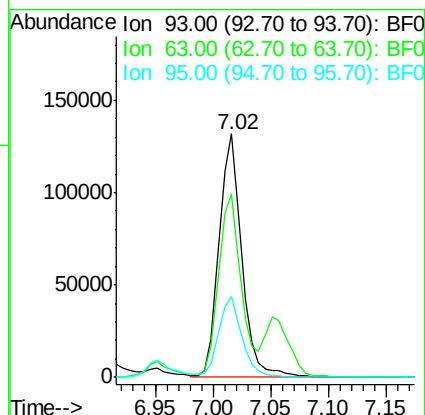
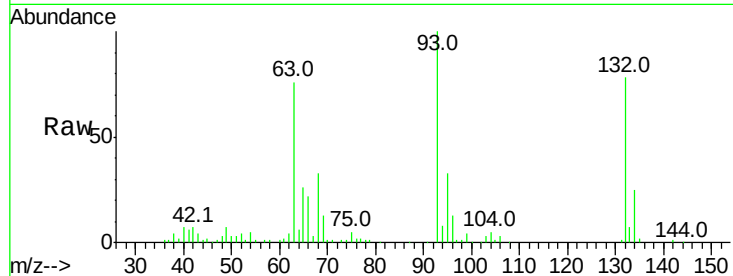




#11
bis(2-Chloroethyl)ether
Concen: 43.13 ng
RT: 7.02 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

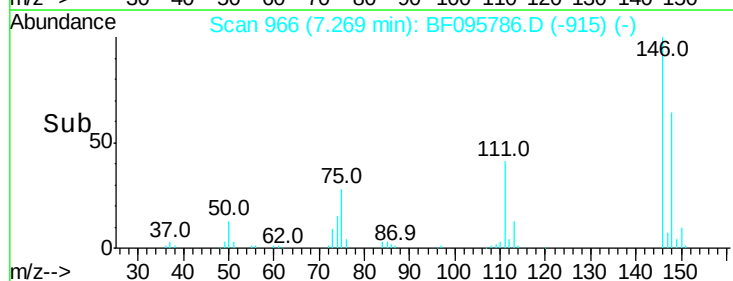
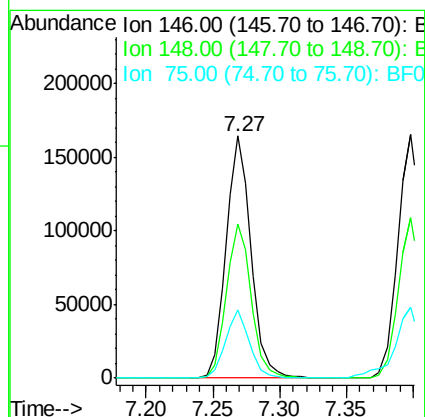
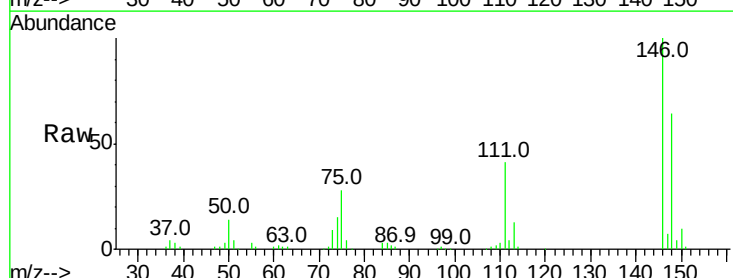
Instrument :
BNA_F
ClientSampleId :

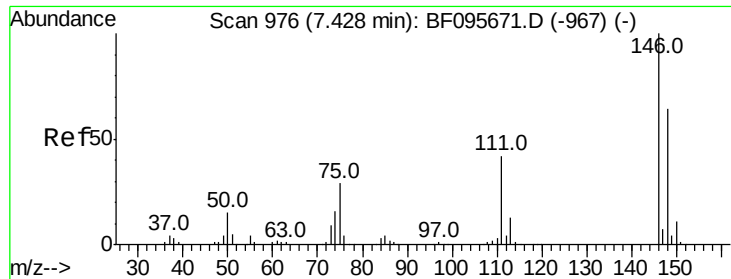
Tot Ion: 93 Resp: 181254
Ion Ratio Lower Upper
93 100
63 75.5 59.2 99.2
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.11 ng
RT: 7.27 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion: 146 Resp: 216492
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 28.2 23.1 34.7

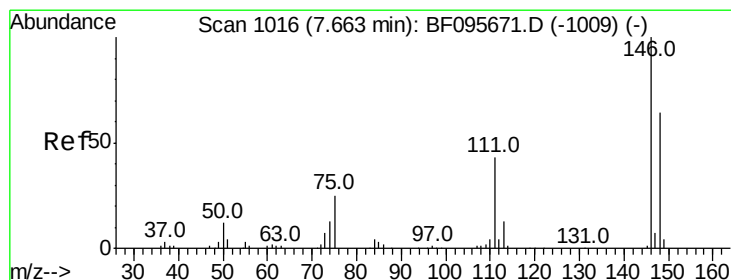
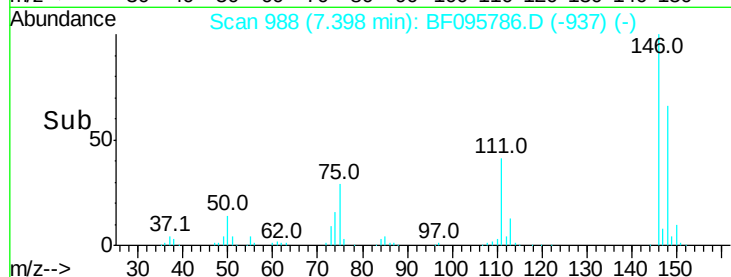
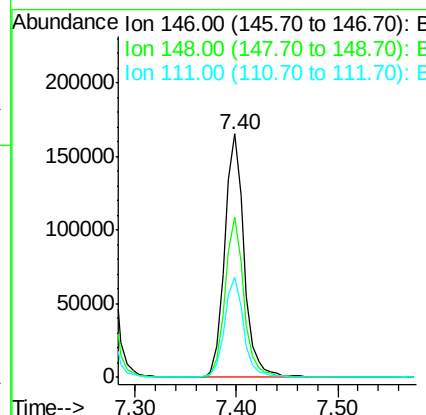
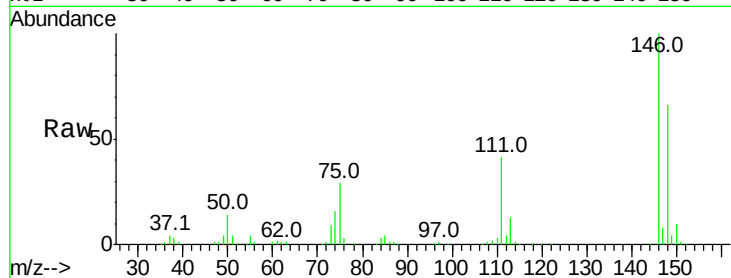




#13
 1,4-Dichlorobenzene
 Concen: 42.34 ng
 RT: 7.40 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

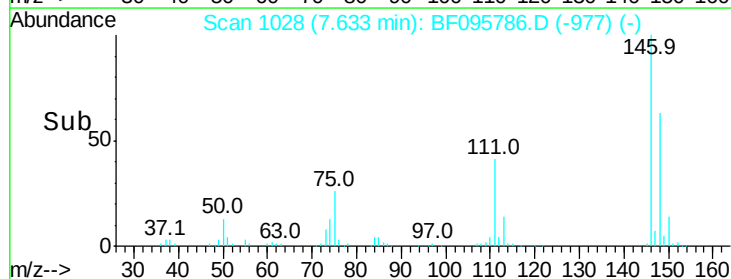
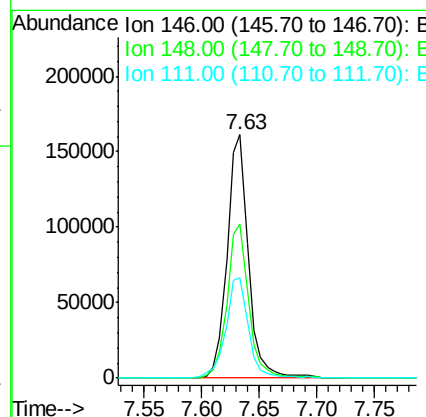
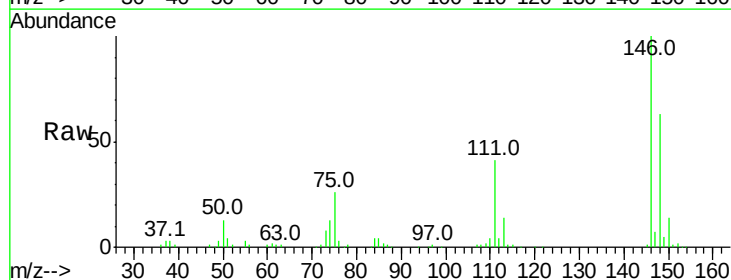
Instrument :
 BNA_F
 ClientSampleId :

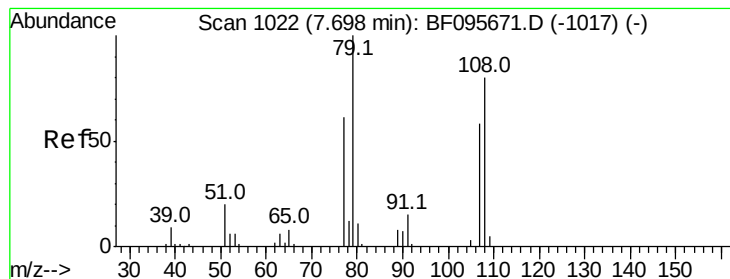
Tot Ion:146 Resp: 220757
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.2
 111 41.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.79 ng
 RT: 7.63 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:146 Resp: 205667
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 40.9 38.2 57.4





#15

Benzyl Alcohol

Concen: 43.86 ng

RT: 7.67 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

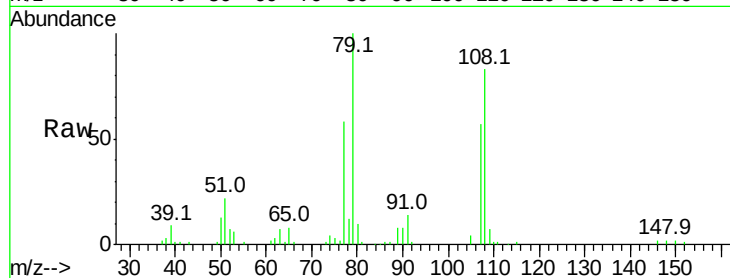
Tot Ion: 79 Resp: 153953

Ion Ratio Lower Upper

79 100

108 82.7 63.4 95.0

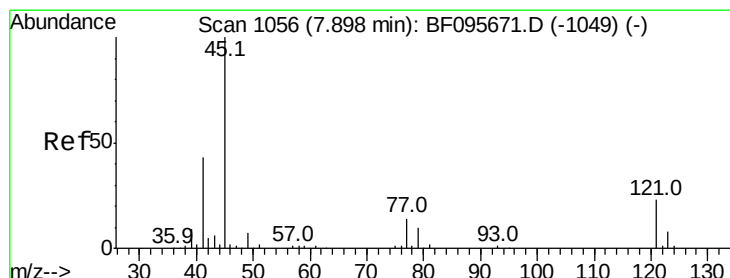
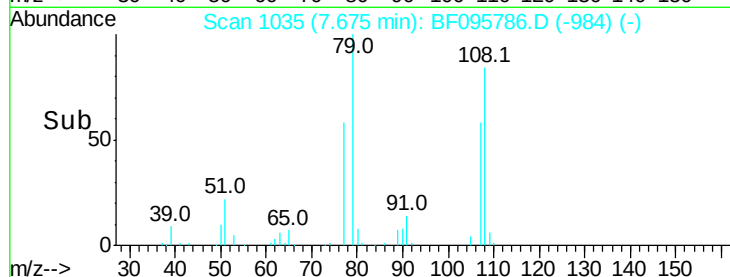
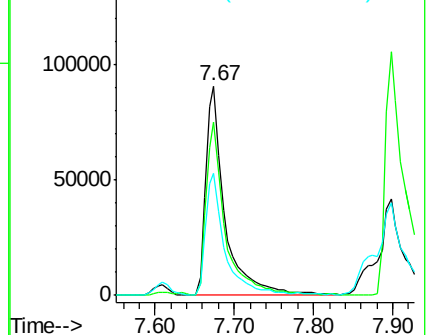
77 58.4 49.2 73.8



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: 41.20 ng

RT: 7.88 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

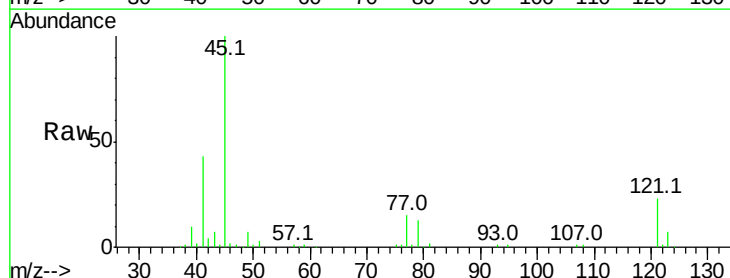
Tgt Ion: 45 Resp: 243247

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

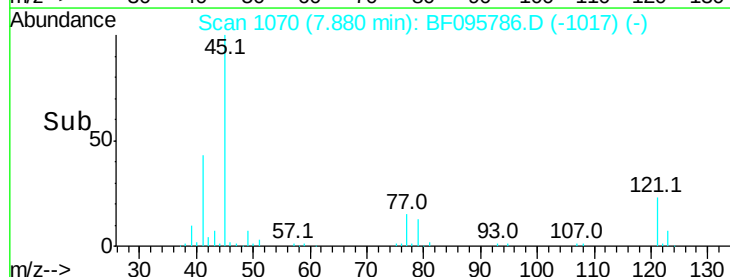
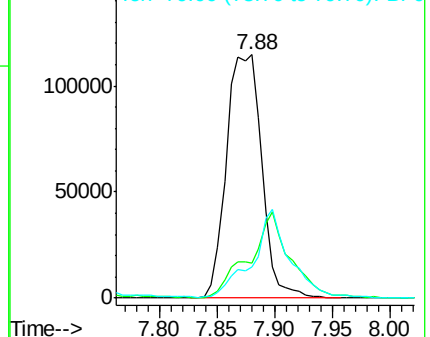
79 12.7 0.0 30.0

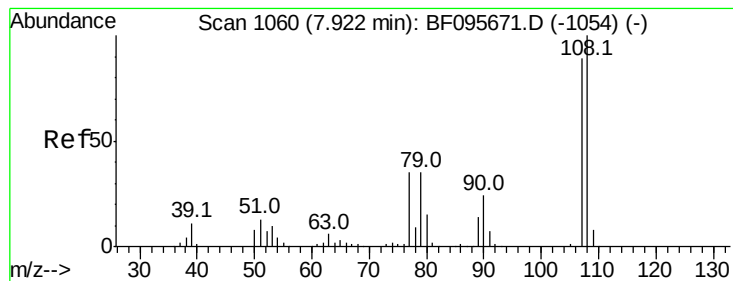


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

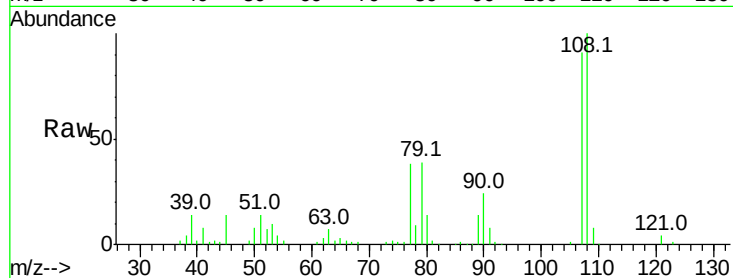




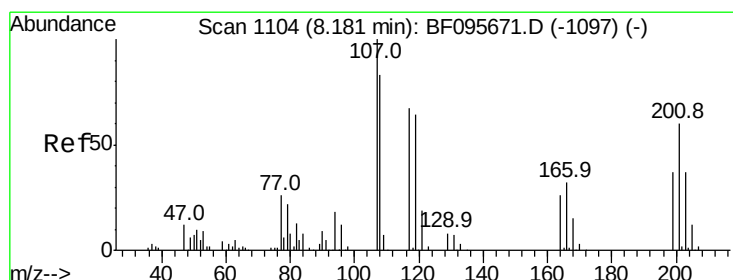
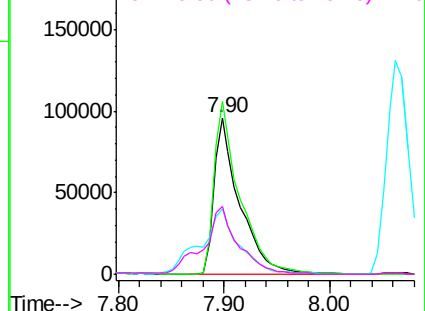
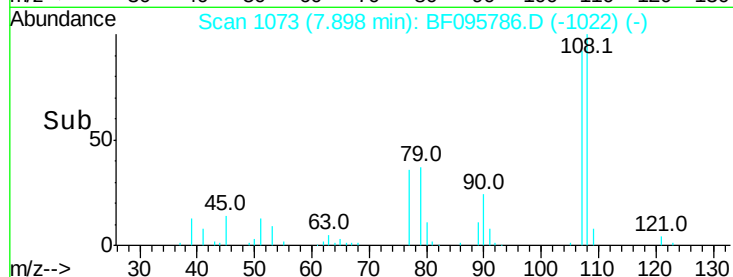
#17
2-Methylphenol
Concen: 42.72 ng
RT: 7.90 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 162827
Ion Ratio Lower Upper
107 100
108 110.0 93.4 140.0
77 42.1 35.8 53.6
79 43.4 34.8 52.2

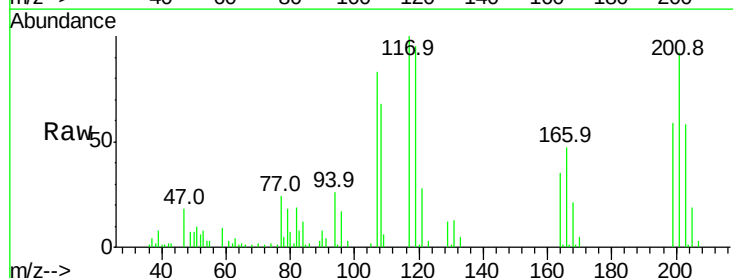


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

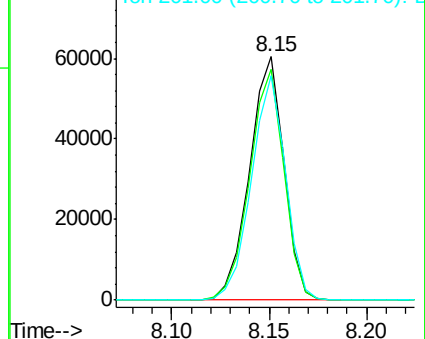
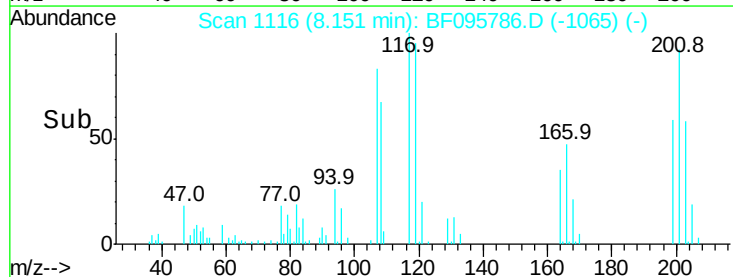


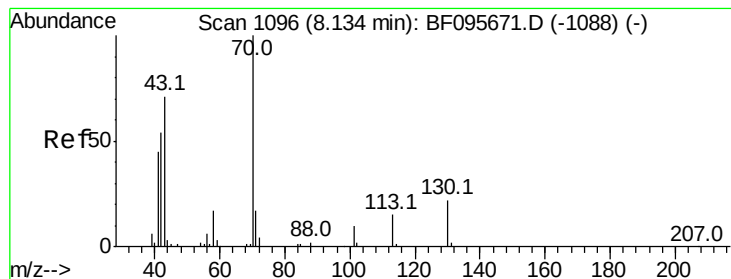
#18
Hexachloroethane
Concen: 43.03 ng
RT: 8.15 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:117 Resp: 74103
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
201 92.2 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: 43.20 ng

RT: 8.10 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 140002

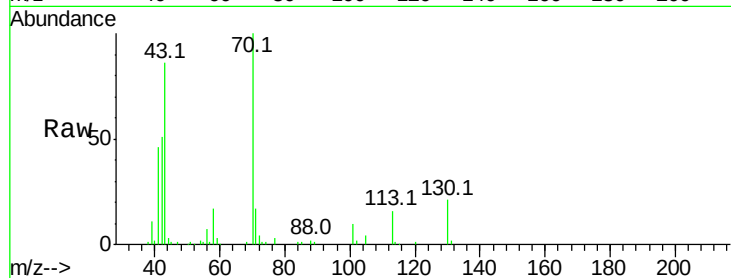
Ion Ratio Lower Upper

70 100

42 51.3 47.2 70.8

101 10.3 7.2 10.8

130 21.4 15.9 23.9

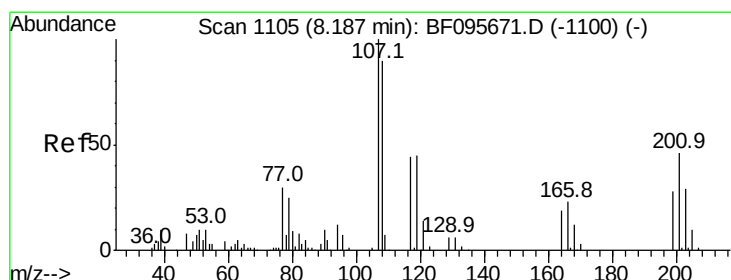
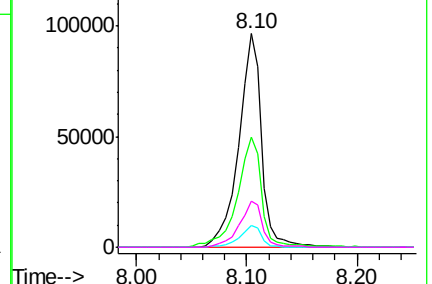
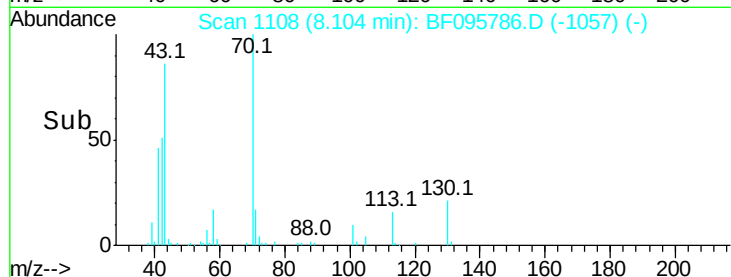


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 44.65 ng

RT: 8.16 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Tgt Ion: 107 Resp: 216055

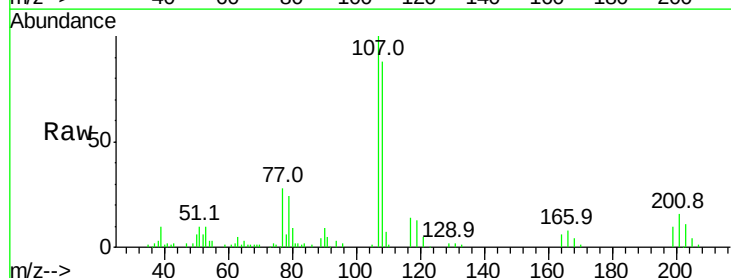
Ion Ratio Lower Upper

107 100

108 88.4 71.0 111.0

77 28.3 90.5 130.5#

79 23.9 8.4 48.4

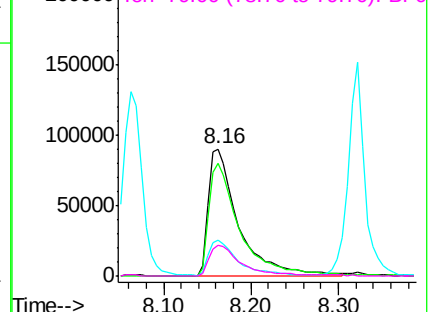
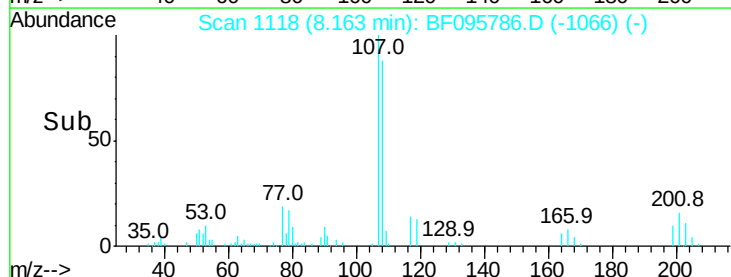


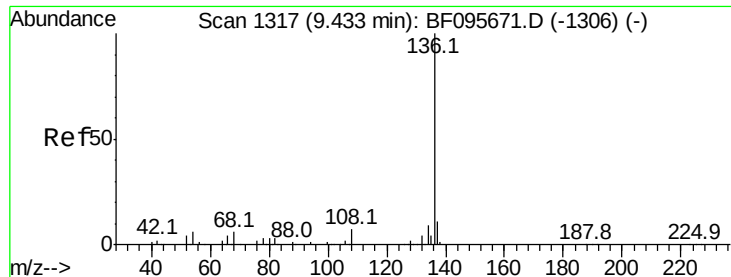
Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.40 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 288137

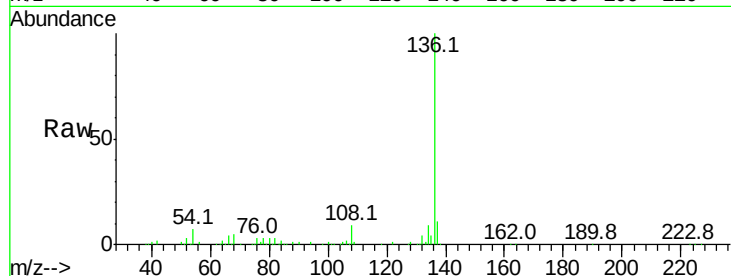
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 4.9 4.1 6.1

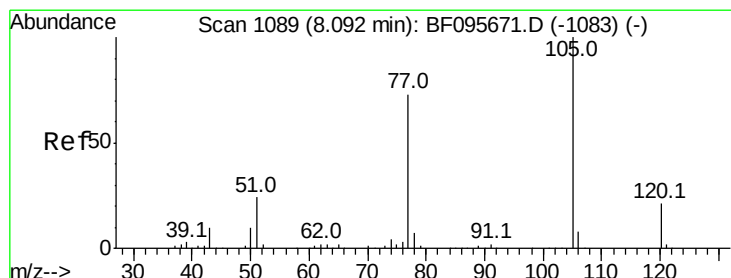
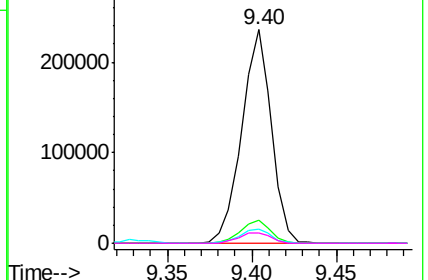
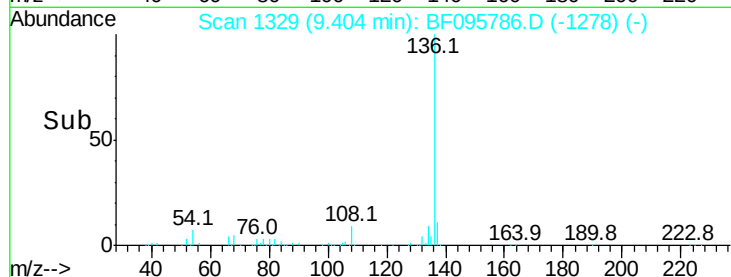


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.60 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Tgt Ion:105 Resp: 273809

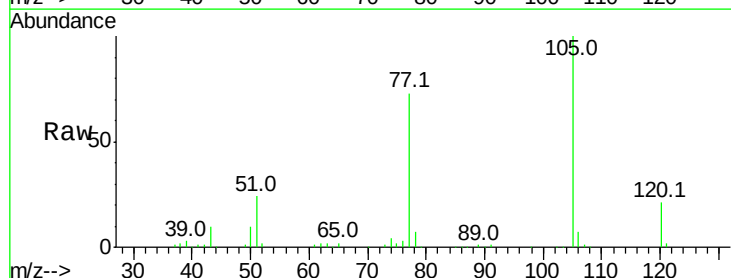
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.6 30.7 46.1#

120 20.8 17.4 26.0

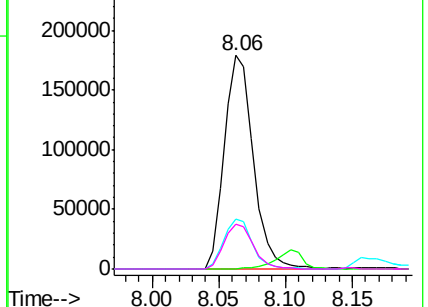
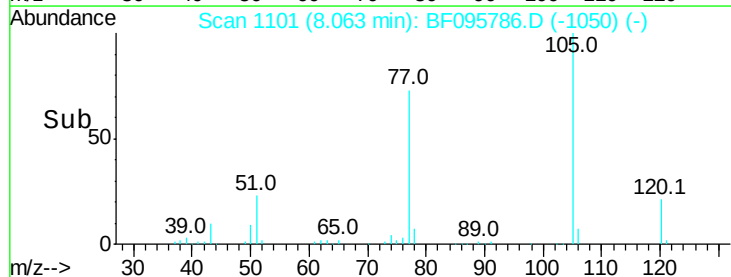


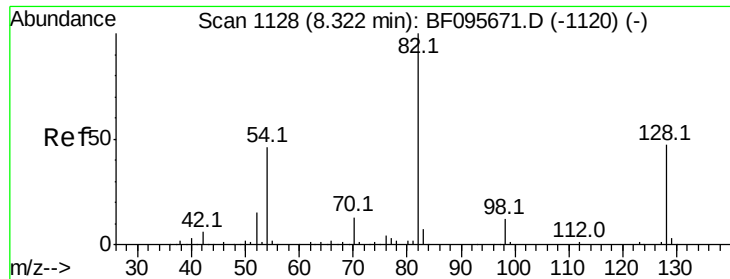
Abundance Ion 105.00 (104.70 to 105.70): E

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

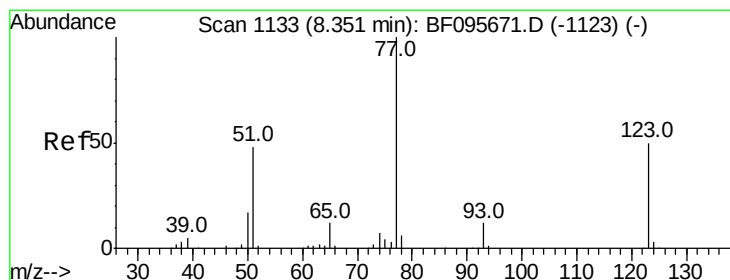
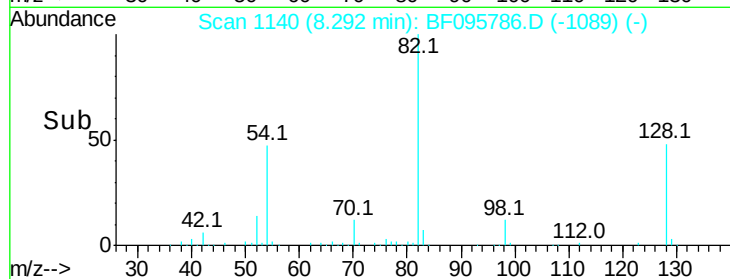
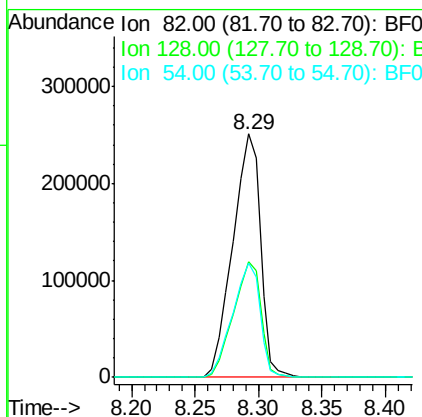
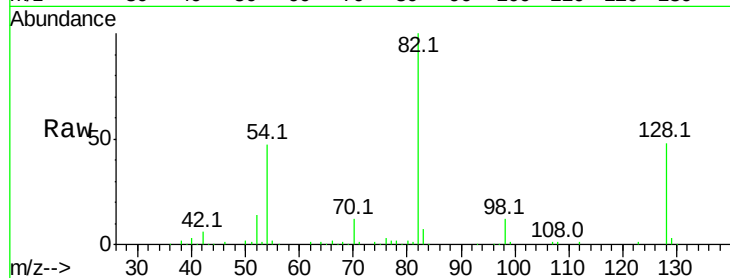




#23
 Nitrobenzene-d5
 Concen: 81.89 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

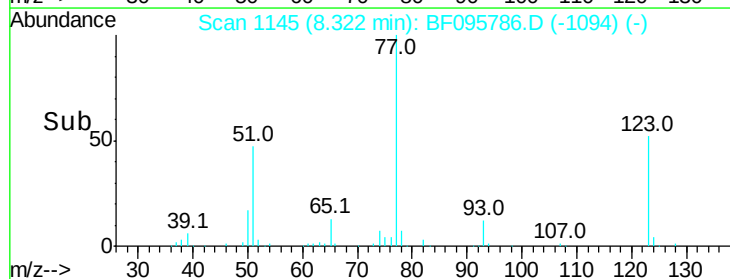
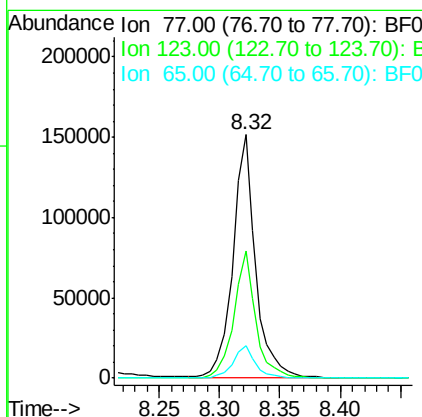
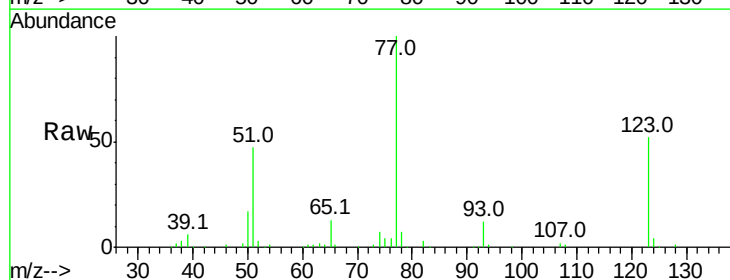
Instrument :
 BNA_F
 ClientSampleId :

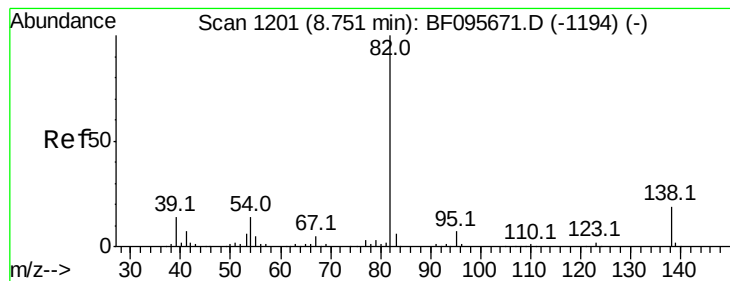
Tot Ion: 82 Resp: 379929
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.77 ng
 RT: 8.32 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion: 77 Resp: 197084
 Ion Ratio Lower Upper
 77 100
 123 52.3 35.8 53.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 39.81 ng

RT: 8.73 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

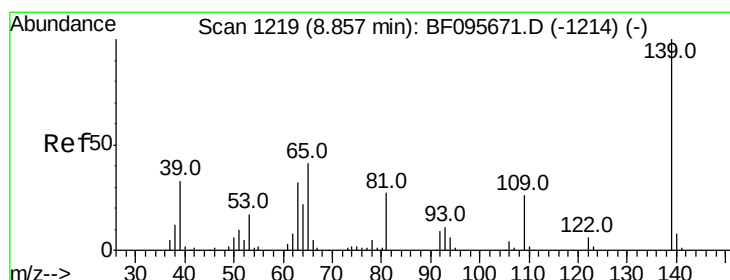
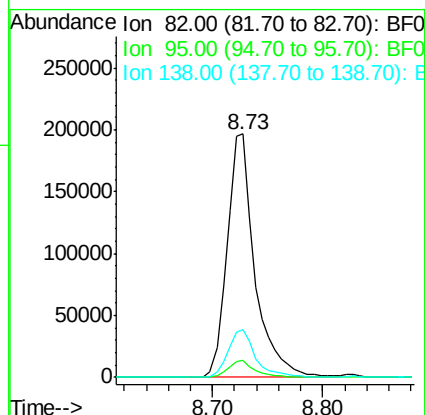
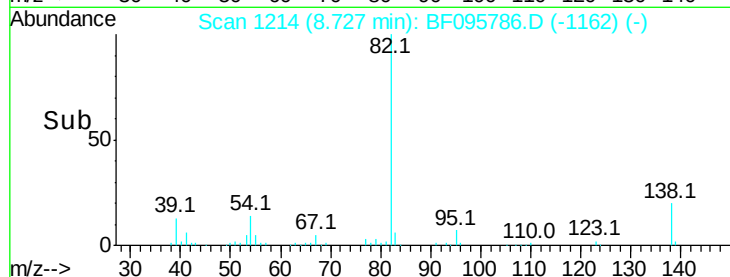
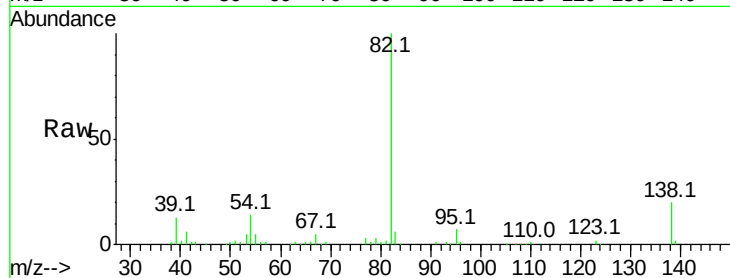
Tot Ion: 82 Resp: 344903

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 41.87 ng

RT: 8.83 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

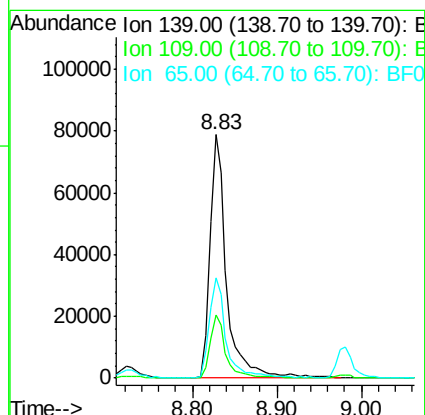
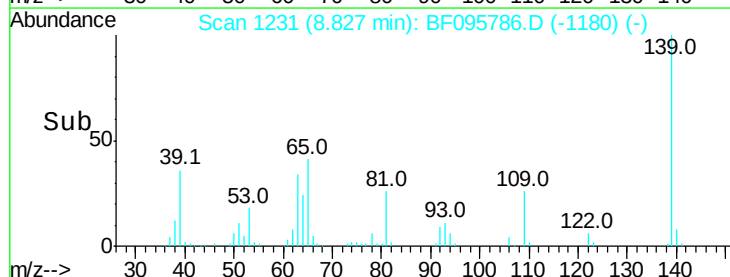
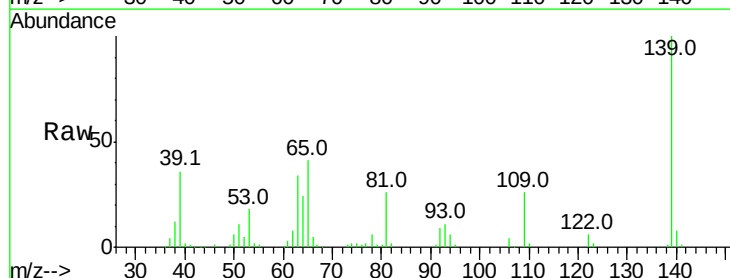
Tgt Ion:139 Resp: 108661

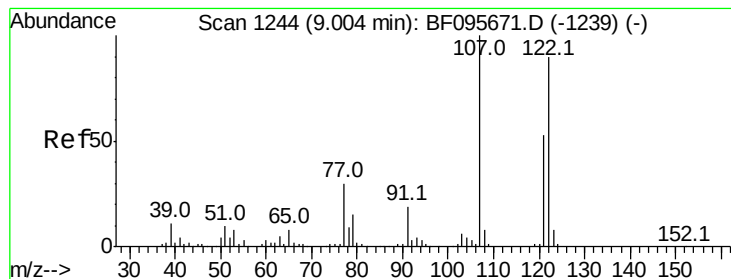
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 41.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.98 ng

RT: 8.98 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

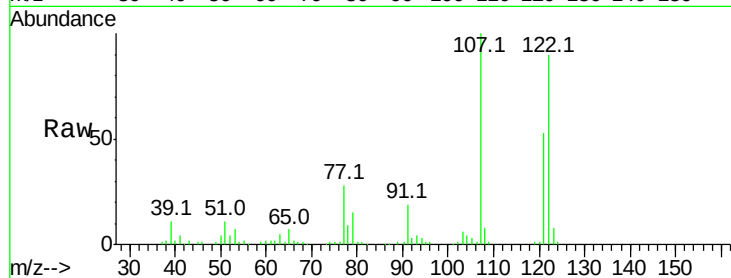
Tot Ion:122 Resp: 165055

Ion Ratio Lower Upper

122 100

107 110.9 89.2 133.8

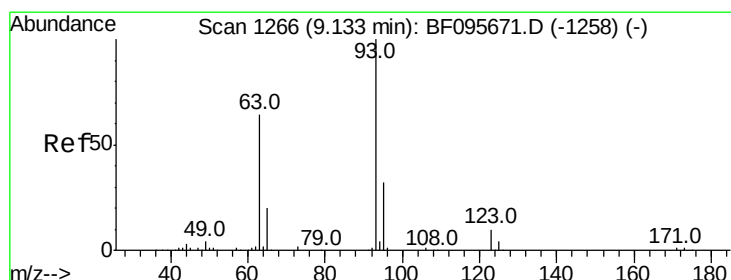
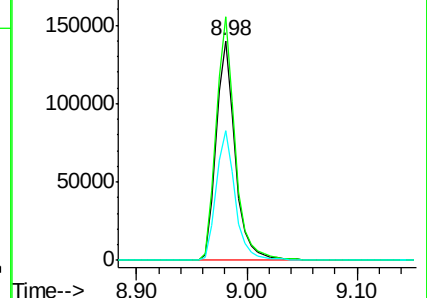
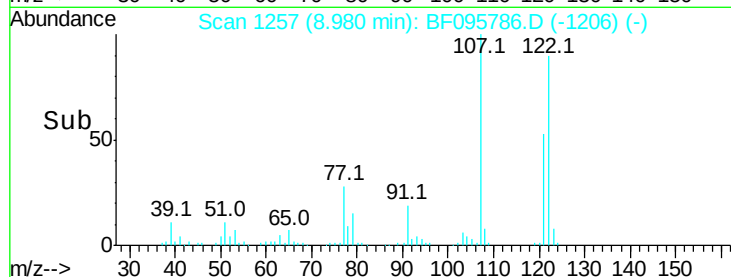
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.24 ng

RT: 9.10 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

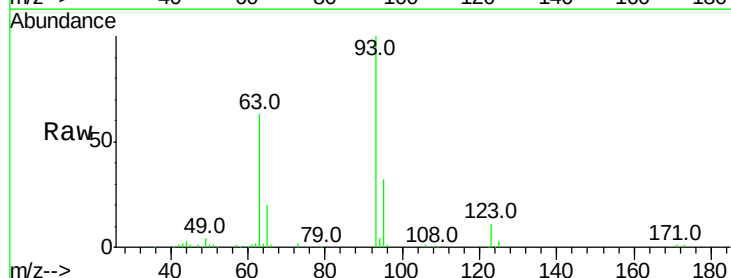
Tgt Ion: 93 Resp: 229811

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

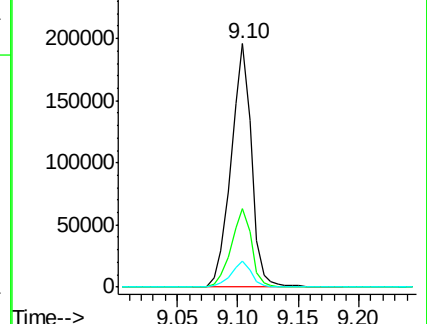
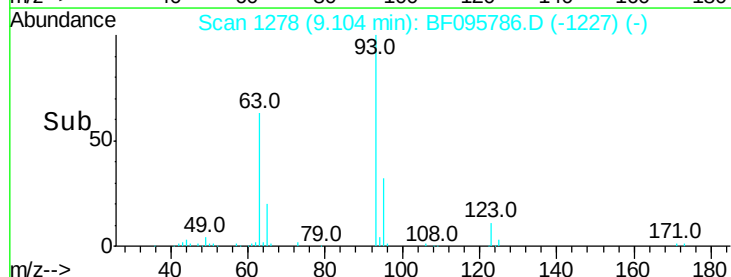
123 10.6 9.0 13.4

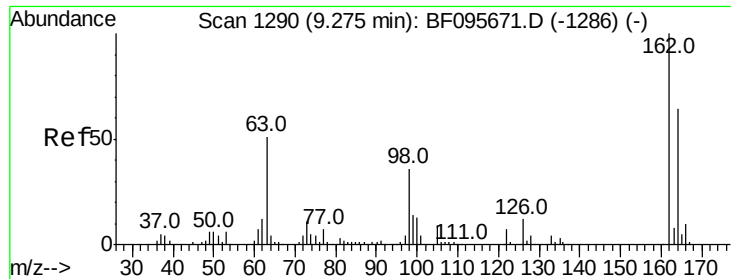


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

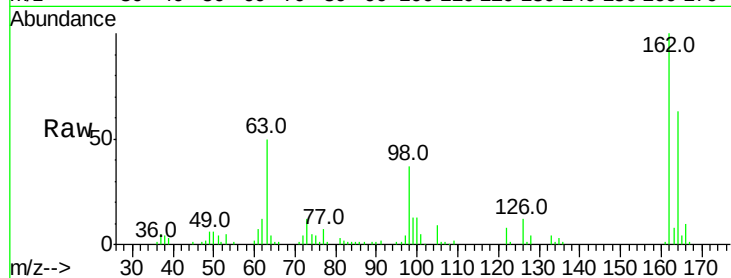




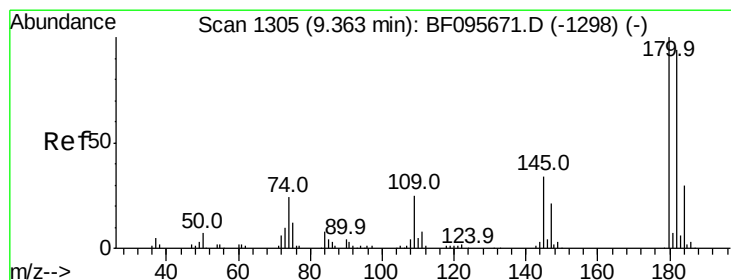
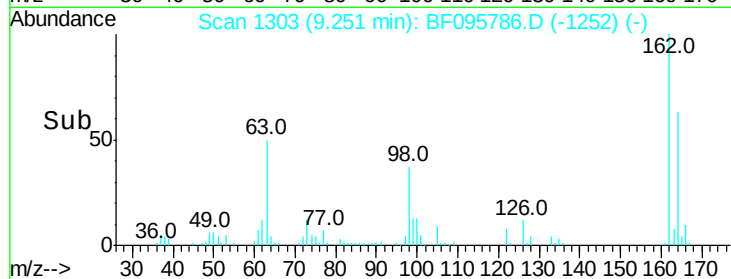
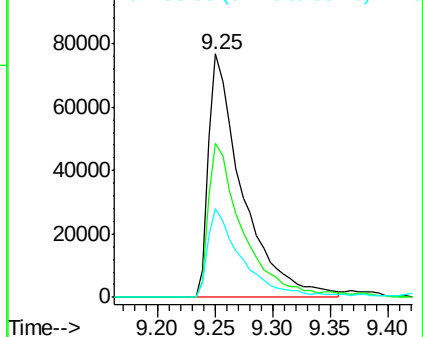
#29
 2,4-Dichlorophenol
 Concen: 40.52 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 157181
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.6 84.6
 98 36.7 14.8 54.8

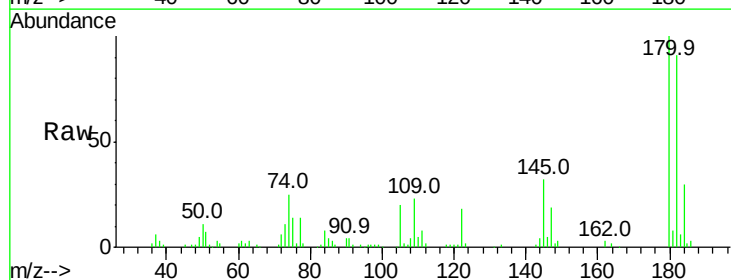


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

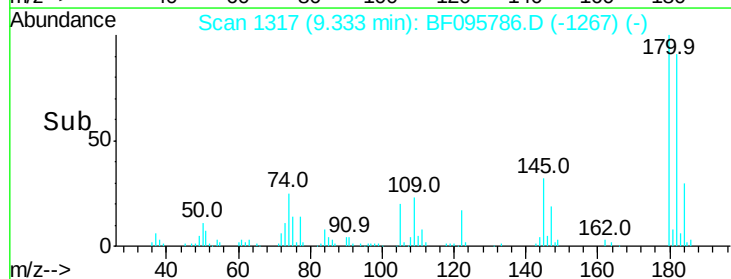
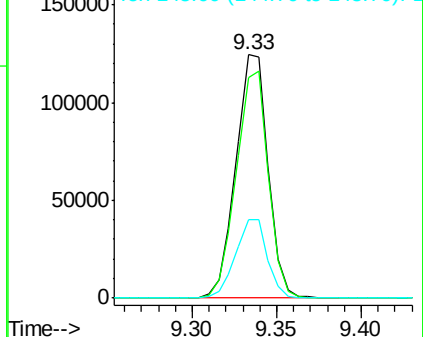


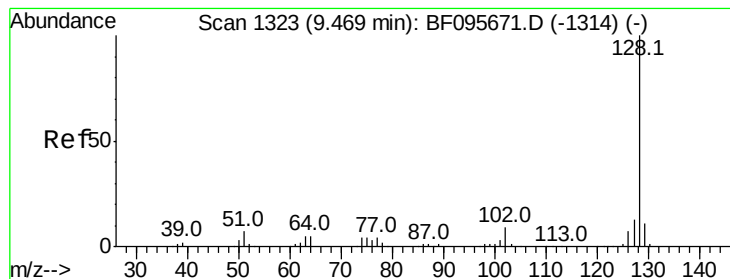
#30
 1,2,4-Trichlorobenzene
 Concen: 40.91 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:180 Resp: 165120
 Ion Ratio Lower Upper
 180 100
 182 90.5 75.8 113.6
 145 32.1 25.3 37.9



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





#31

Naphthalene

Concen: 40.30 ng

RT: 9.44 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

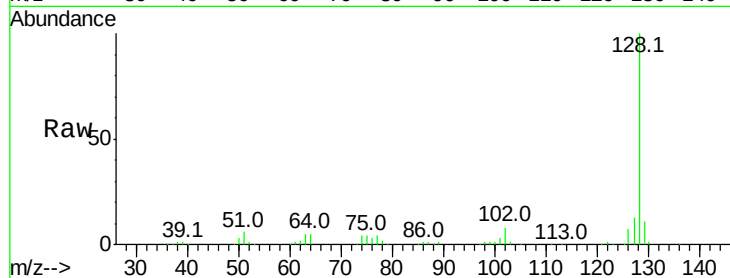
Tot Ion:128 Resp: 582778

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

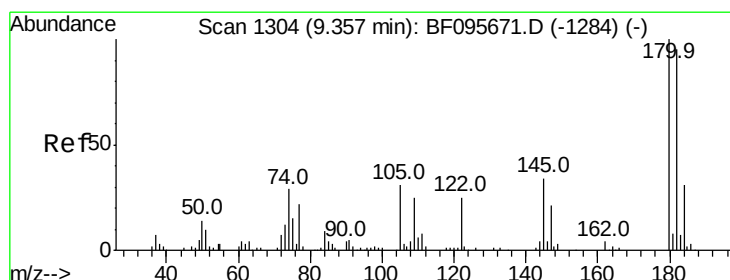
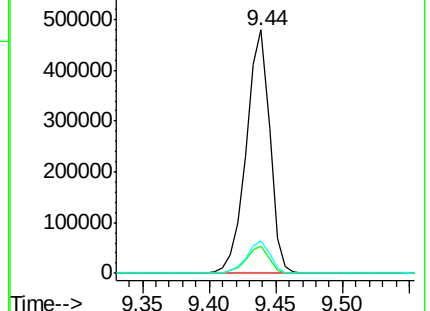
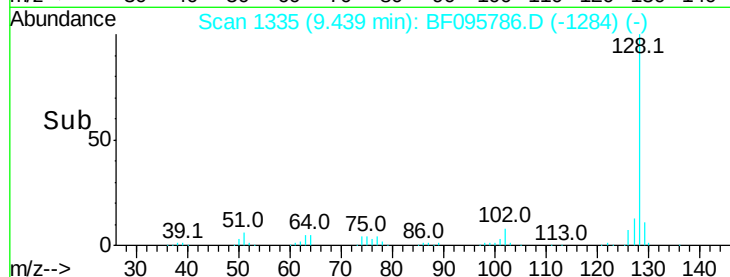
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.30 ng

RT: 9.34 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

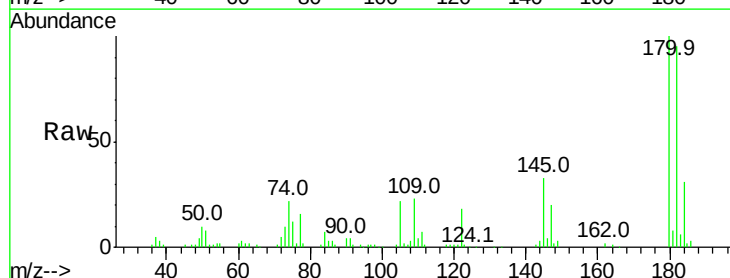
Tgt Ion:122 Resp: 99139

Ion Ratio Lower Upper

122 100

105 121.3 103.3 143.3

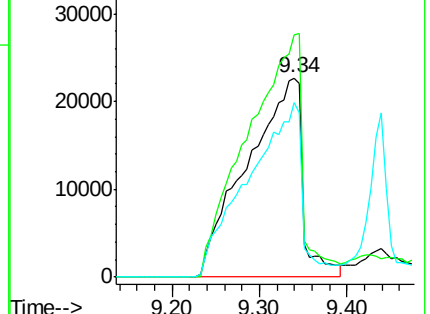
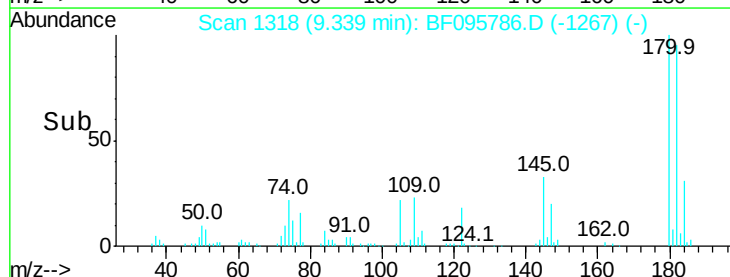
77 87.7 73.7 113.7

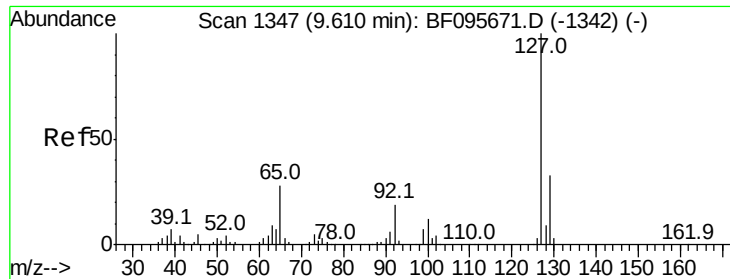


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

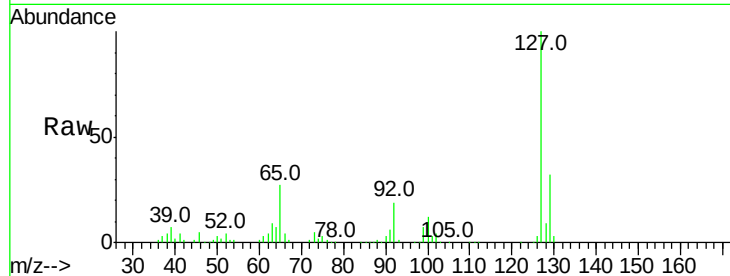




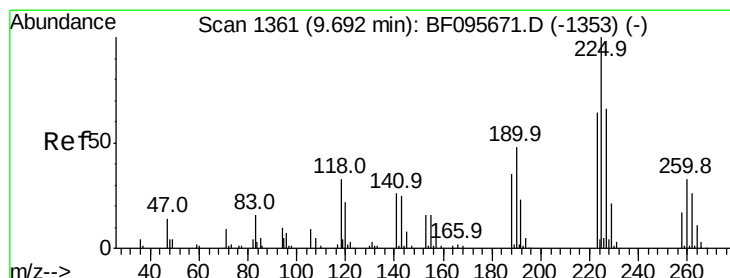
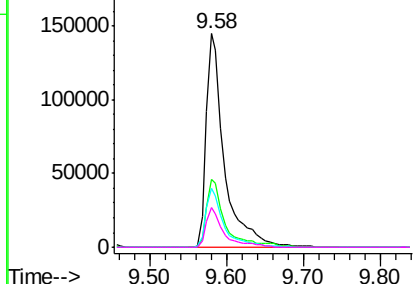
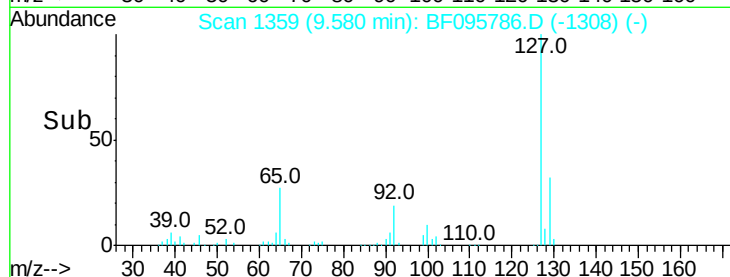
#33
4-Chloroaniline
Concen: 41.76 ng
RT: 9.58 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	236039
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	27.5	27.8	41.8#
92	18.6	16.8	25.2

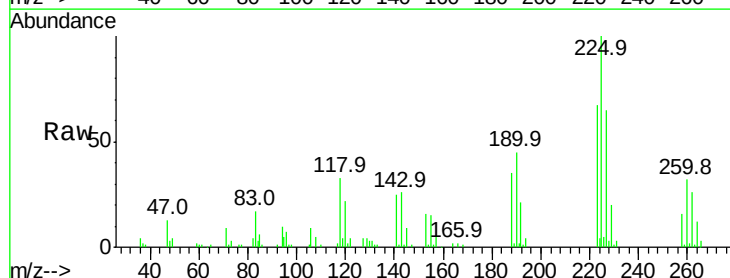


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

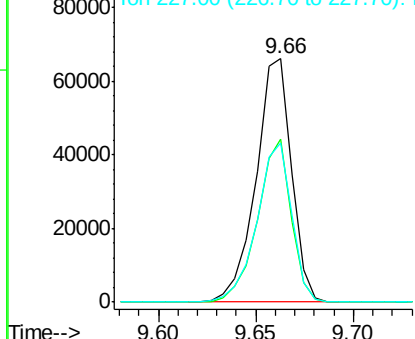
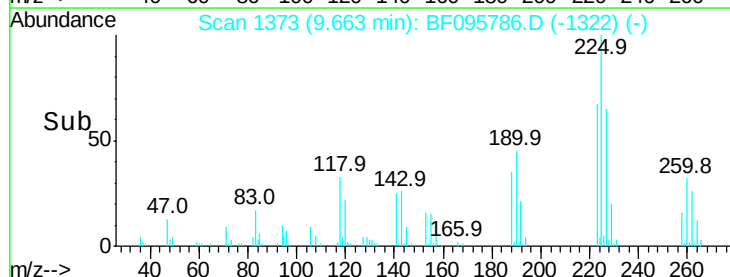


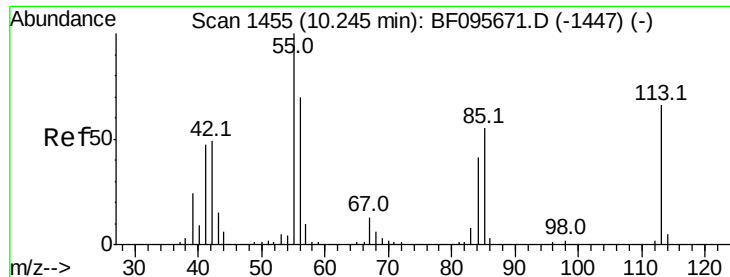
#34
Hexachlorobutadiene
Concen: 39.98 ng
RT: 9.66 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:	225	Resp:	83379
Ion	Ratio	Lower	Upper
225	100		
223	67.1	48.8	73.2
227	65.3	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: 43.04 ng

RT: 10.23 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampled :

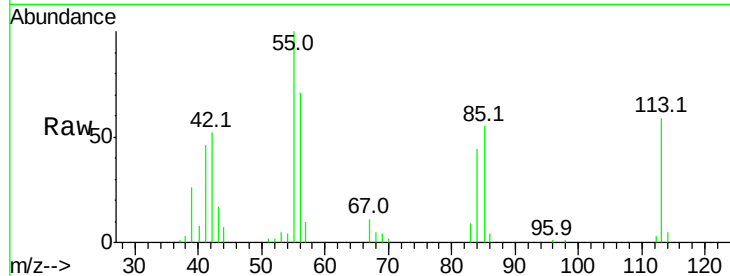
Tot Ion:113 Resp: 49674

Ion Ratio Lower Upper

113 100

55 168.6 150.2 190.2

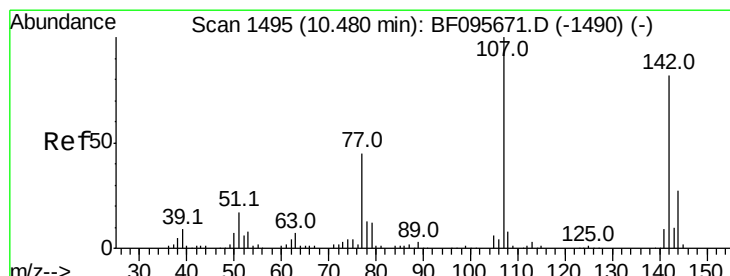
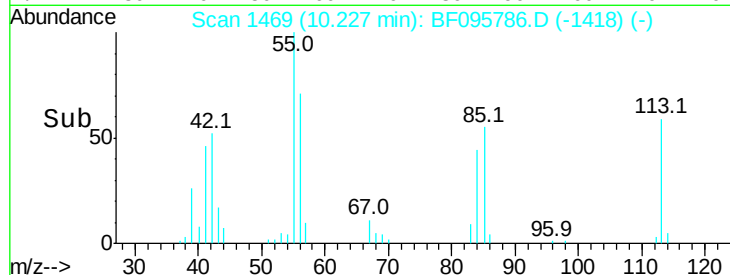
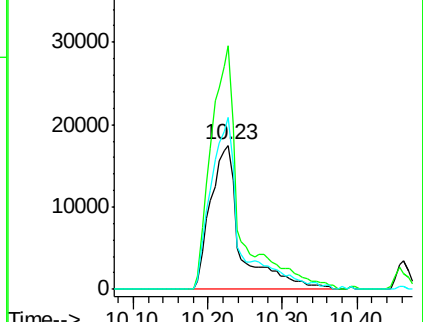
56 119.5 107.8 147.8



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: 42.01 ng

RT: 10.46 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

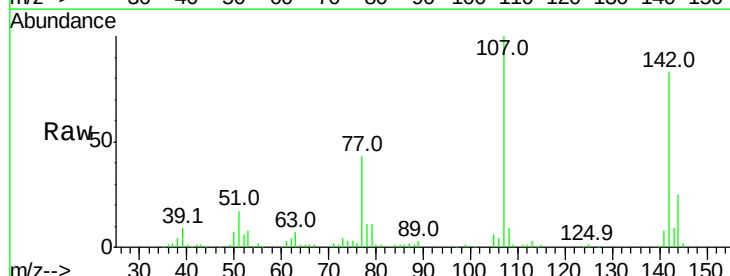
Tgt Ion:107 Resp: 170583

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

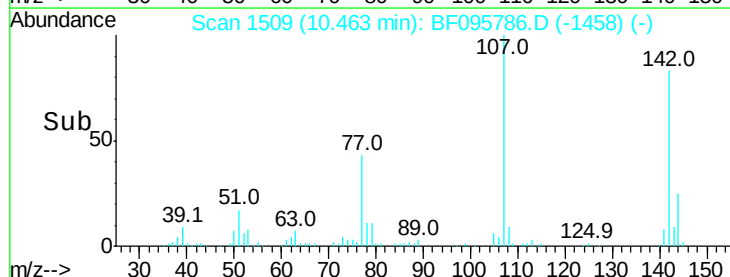
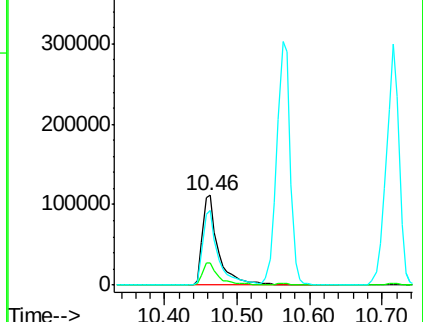
142 82.9 73.4 110.0

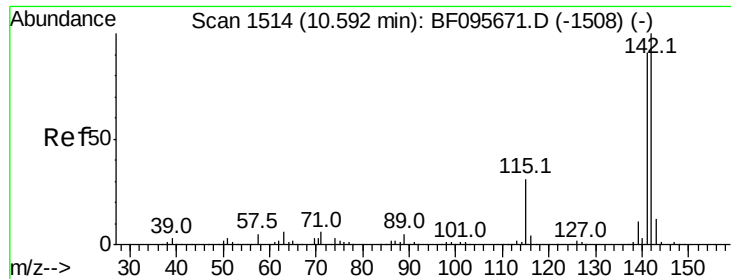


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

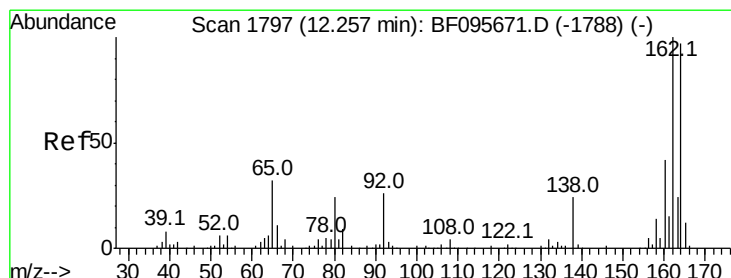
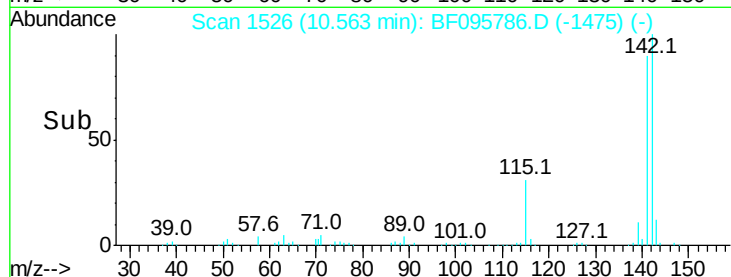
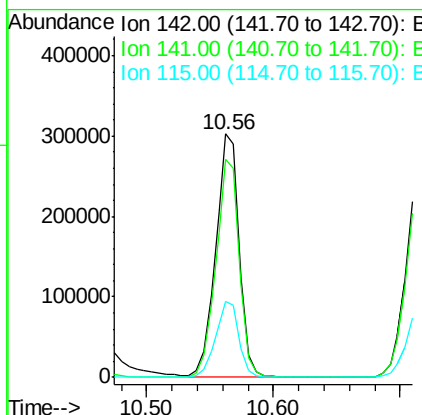
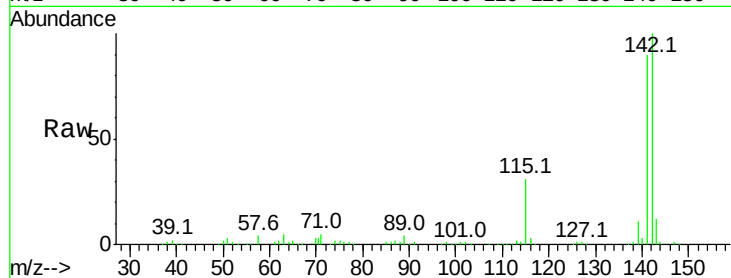




#37
 2-Methylnaphthalene
 Concen: 40.12 ng
 RT: 10.56 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

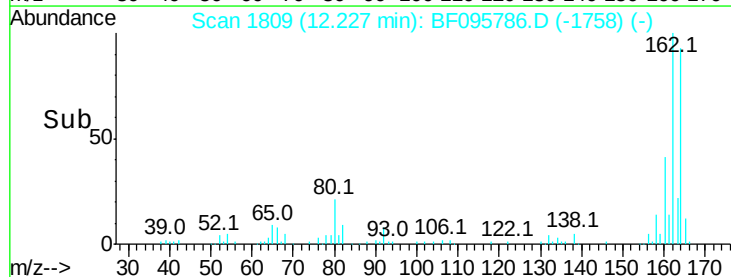
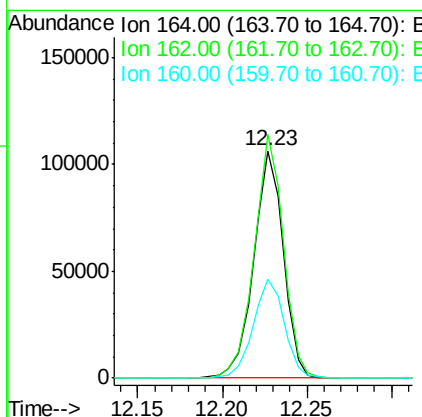
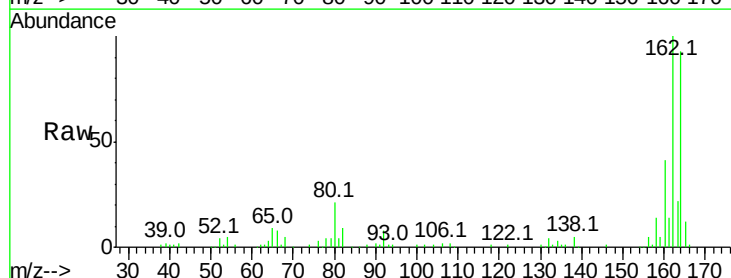
Instrument :
 BNA_F
 ClientSampleId :

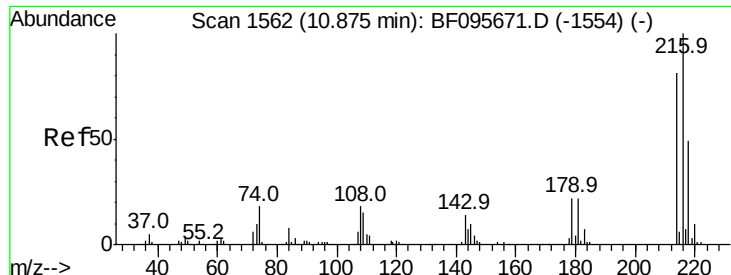
Tot Ion:142 Resp: 391944
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.3 106.9
 115 31.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.23 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:164 Resp: 129800
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.6 123.8
 160 43.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.75 ng

RT: 10.84 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 158298

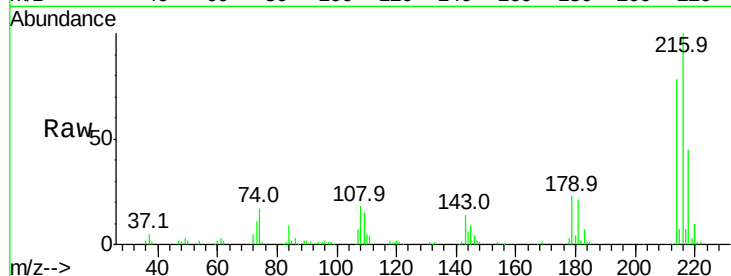
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 22.0 17.9 26.9

108 18.5 16.5 24.7

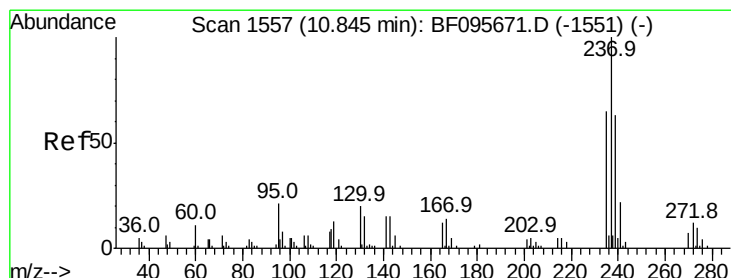
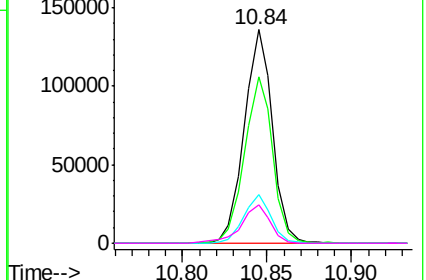
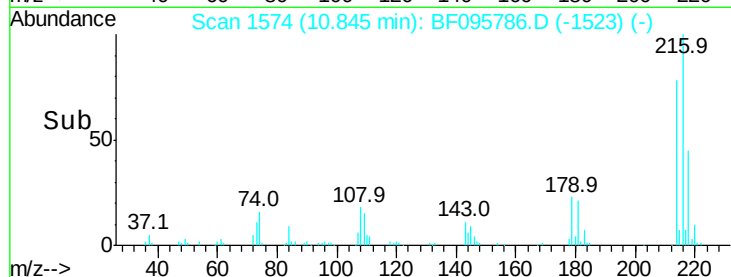


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.83 ng

RT: 10.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

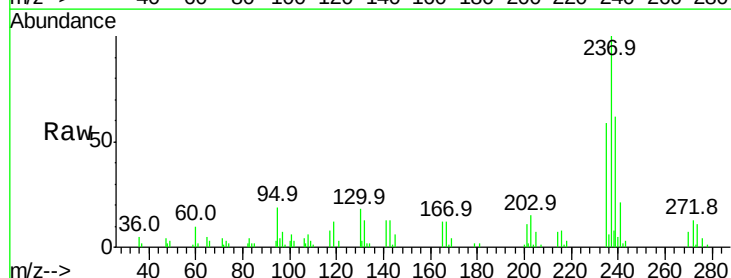
Tgt Ion:237 Resp: 39088

Ion Ratio Lower Upper

237 100

235 59.1 42.6 82.6

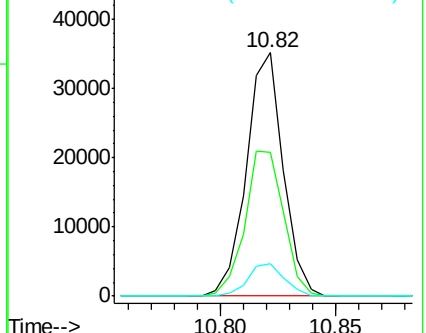
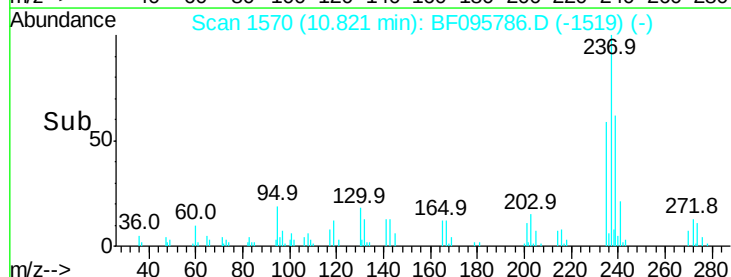
272 13.2 0.0 31.9

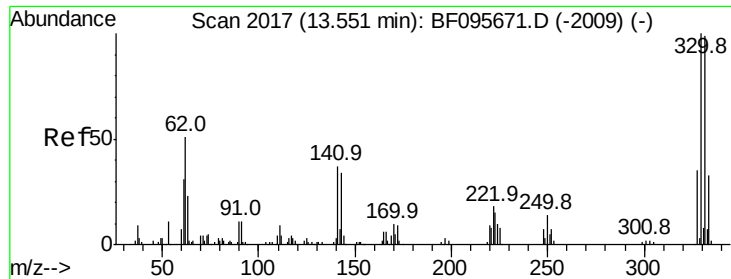


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

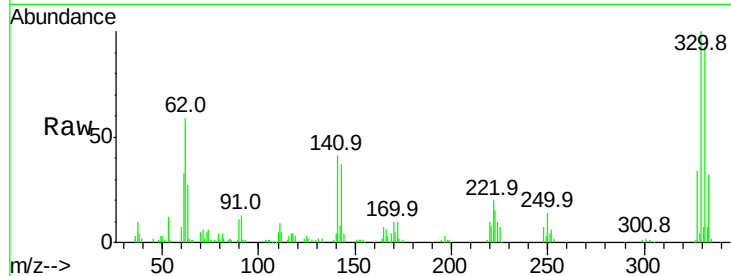




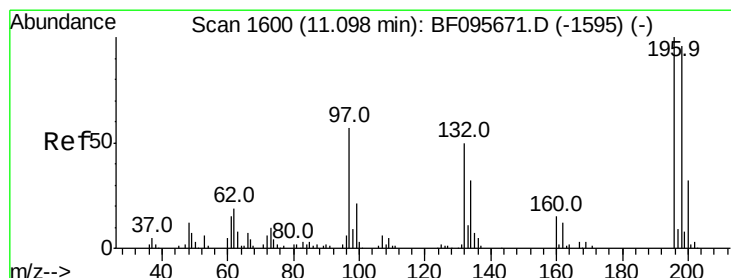
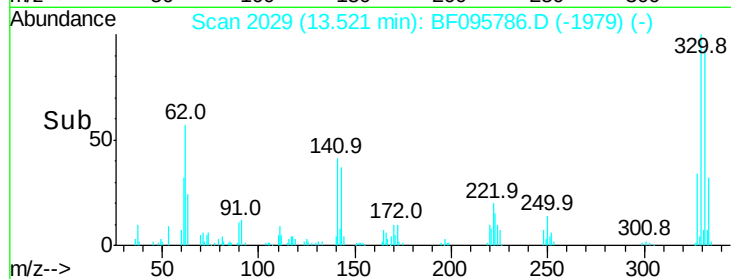
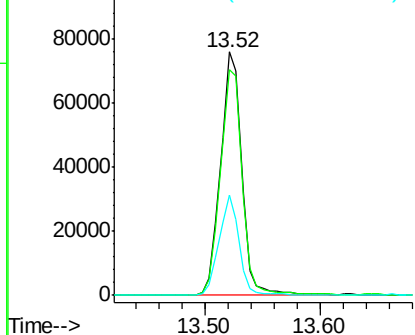
#41
 2,4,6-Tribromophenol
 Concen: 84.49 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 97036
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.8 31.4 47.2

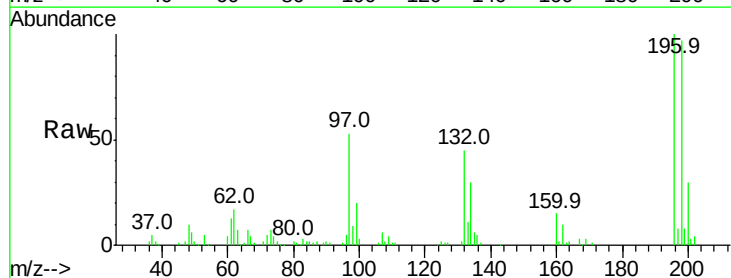


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

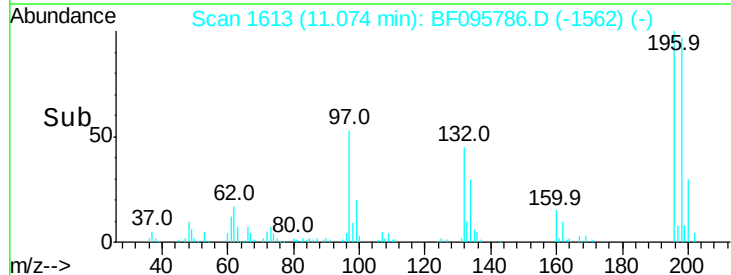
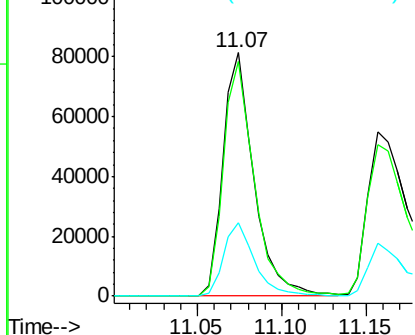


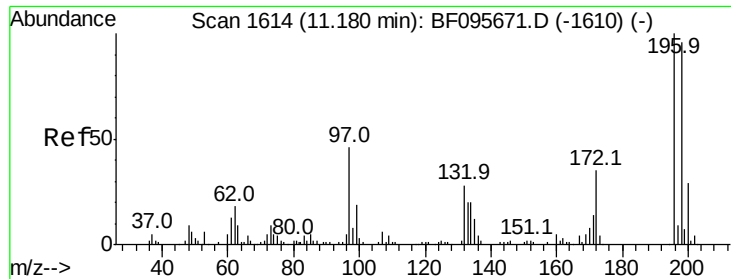
#42
 2,4,6-Trichlorophenol
 Concen: 41.57 ng
 RT: 11.07 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:196 Resp: 103834
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.2 111.4
 200 30.4 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

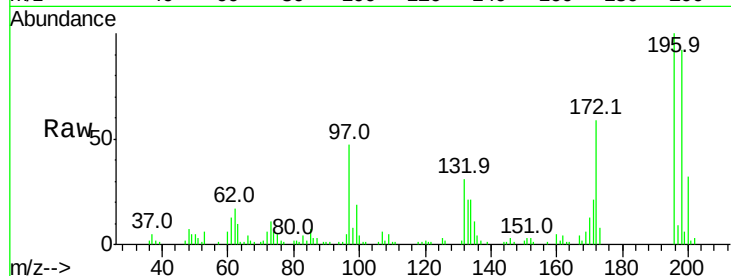




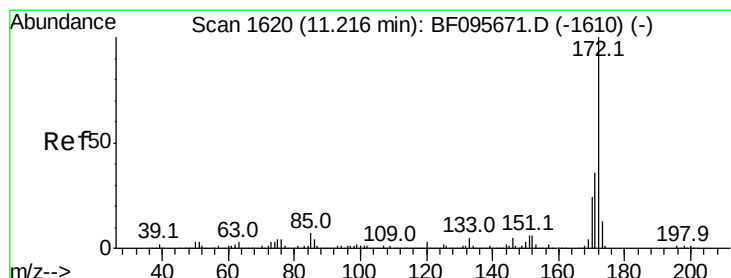
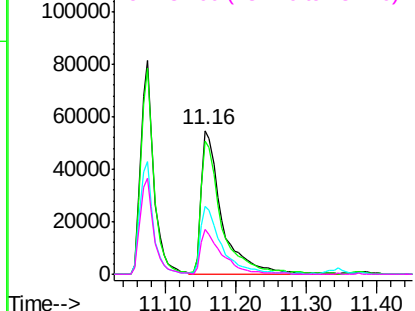
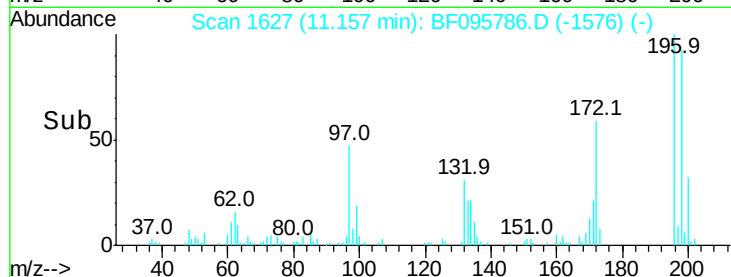
#43
 2,4,5-Trichlorophenol
 Concen: 42.64 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 113279
 Ion Ratio Lower Upper
 196 100
 198 92.3 75.7 113.5
 97 47.3 47.7 71.5#
 132 31.1 28.0 42.0

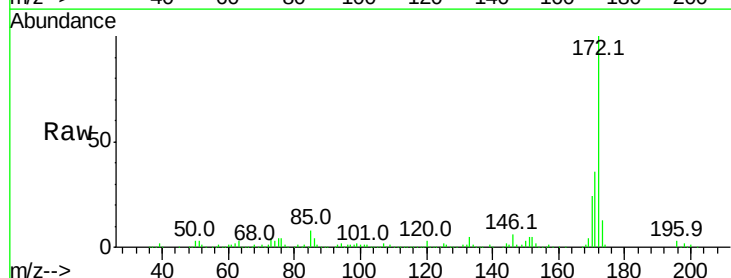


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

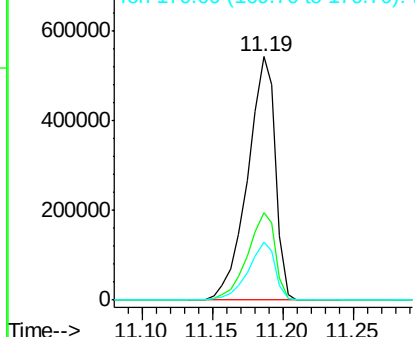
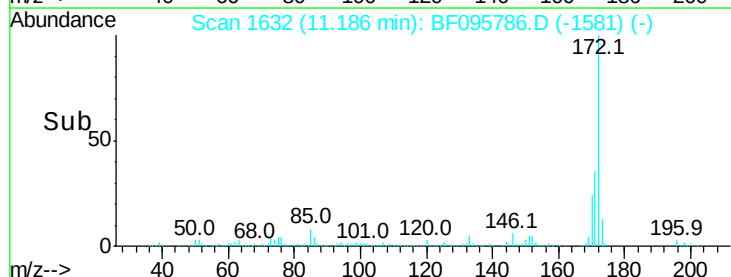


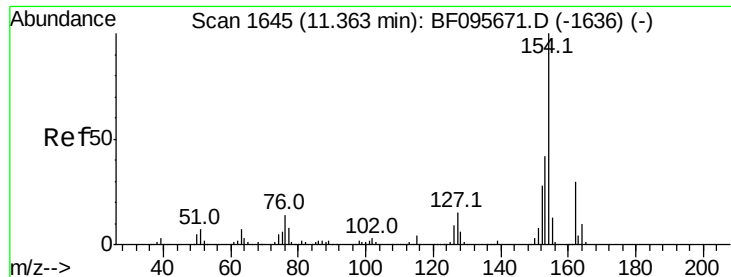
#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:172 Resp: 752265
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.7 19.8 29.8



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

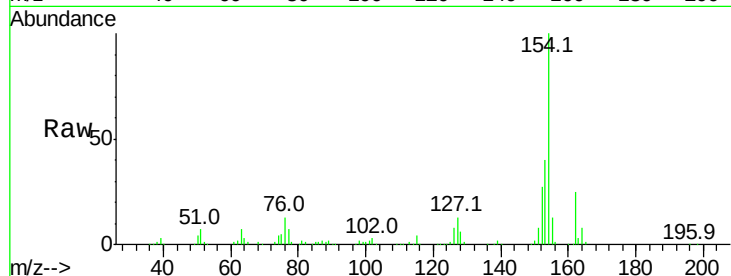




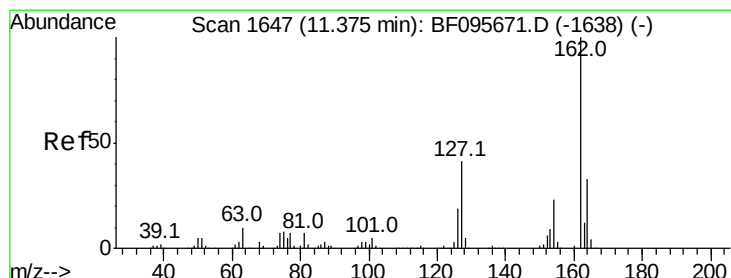
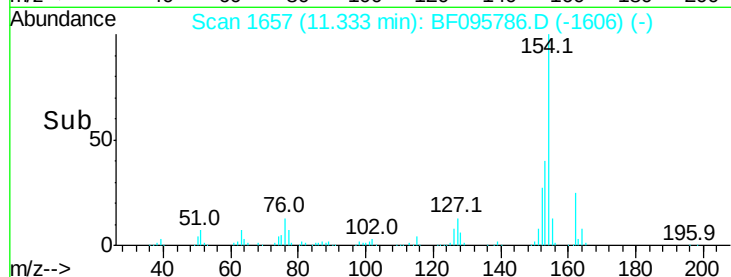
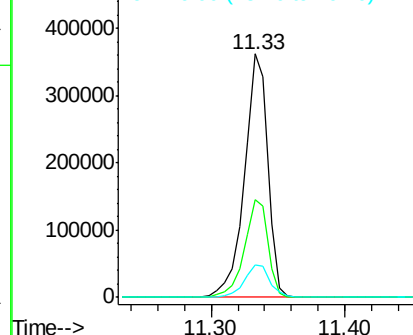
#45
 1,1'-Biphenyl
 Concen: 40.69 ng
 RT: 11.33 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	13.5	0.0	29.9

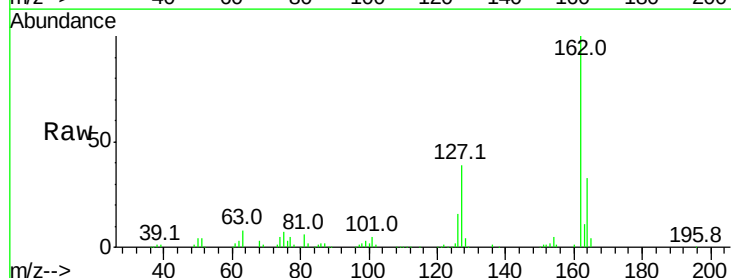


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

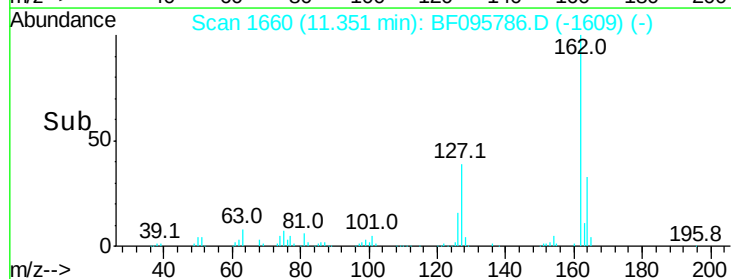
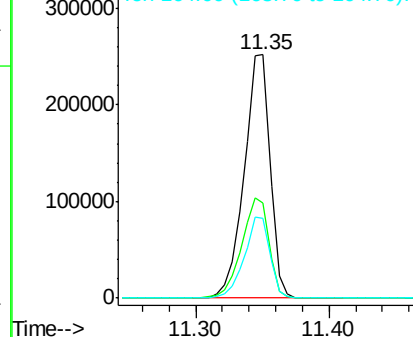


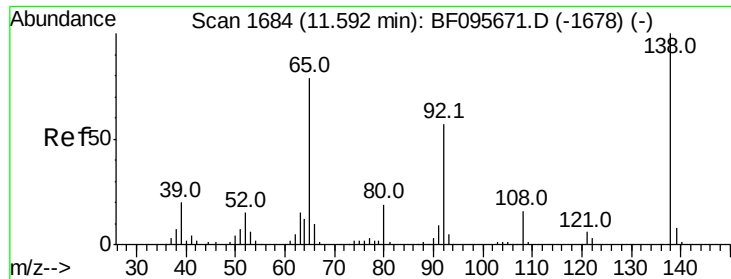
#46
 2-Chloronaphthalene
 Concen: 40.48 ng
 RT: 11.35 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	28.3	42.5
164	32.8	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

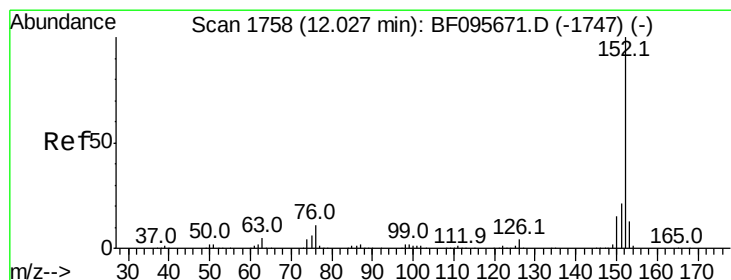
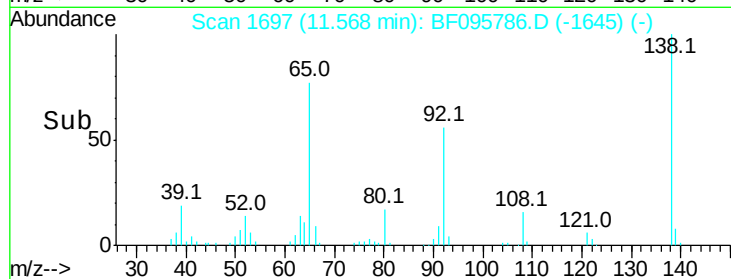
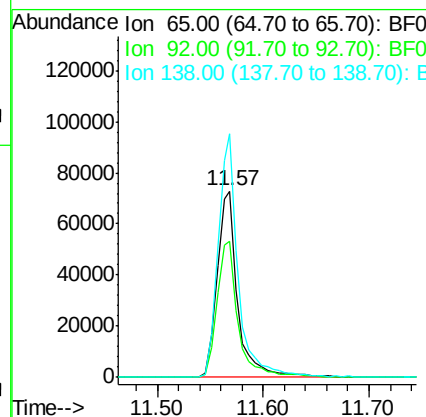
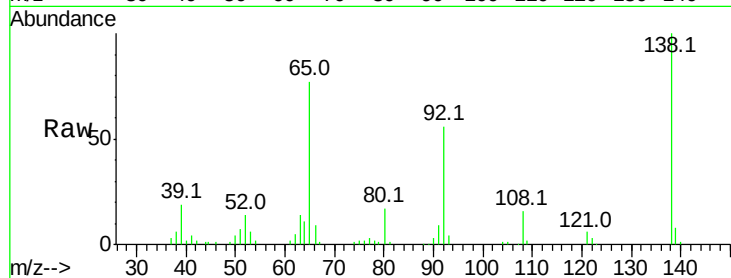




#47
2-Nitroaniline
Concen: 41.05 ng
RT: 11.57 min Scan# 1697
Delta R.T. 0.01 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

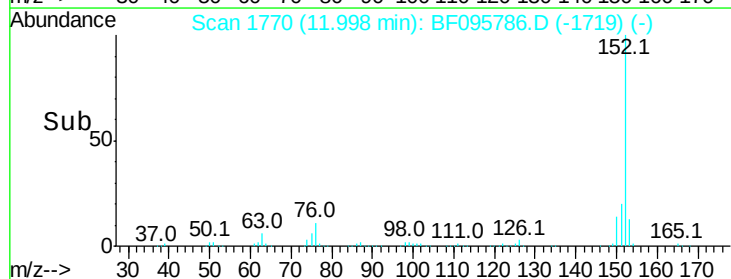
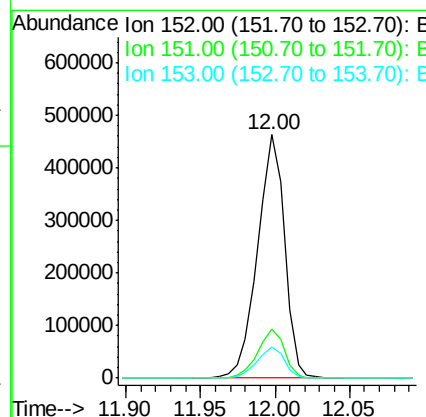
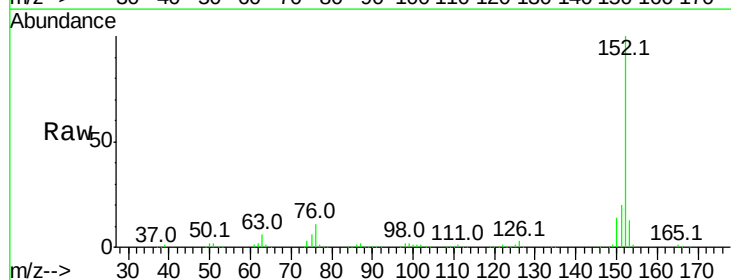
Instrument :
BNA_F
ClientSampleId :

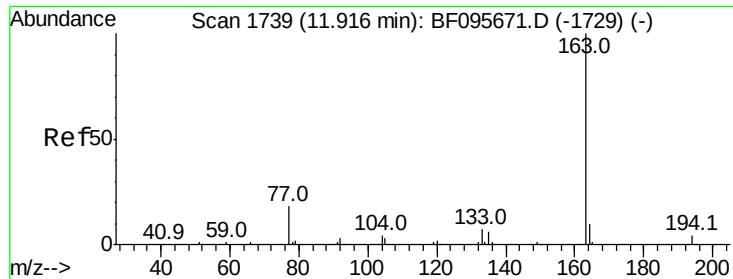
Tot Ion: 65 Resp: 100401
Ion Ratio Lower Upper
65 100
92 72.9 53.9 80.9
138 130.6 78.8 118.2#



#48
Acenaphthylene
Concen: 40.47 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:152 Resp: 578506
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 40.18 ng

RT: 11.89 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF095786.D

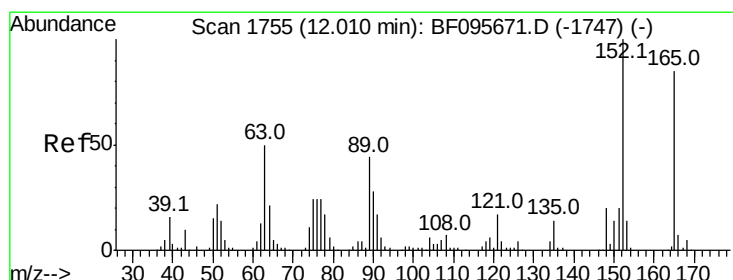
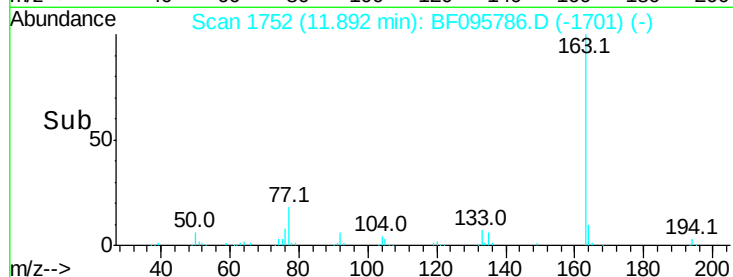
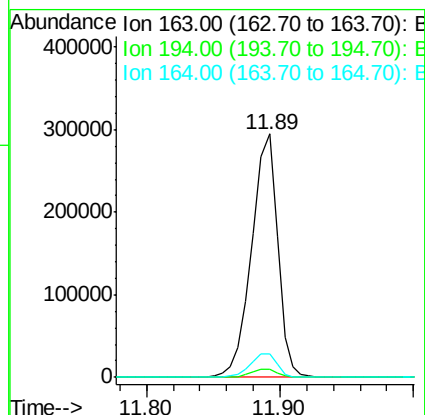
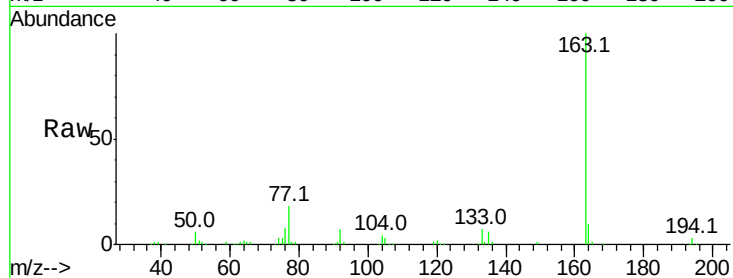
Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	396019
Ion Ratio	Lower	Upper
163	100	
194	3.4	2.6 4.0
164	9.8	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 41.32 ng

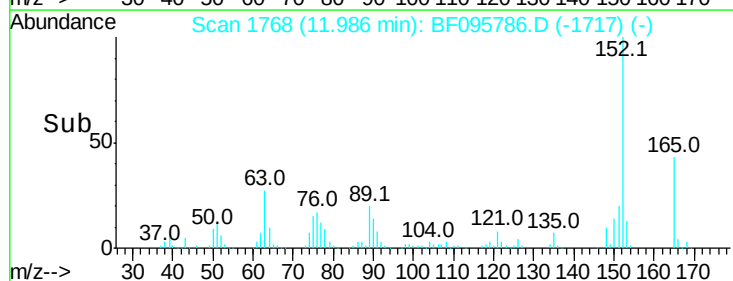
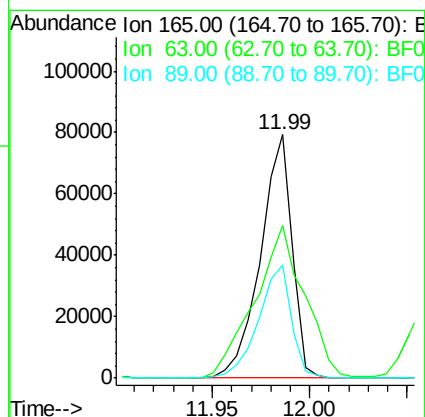
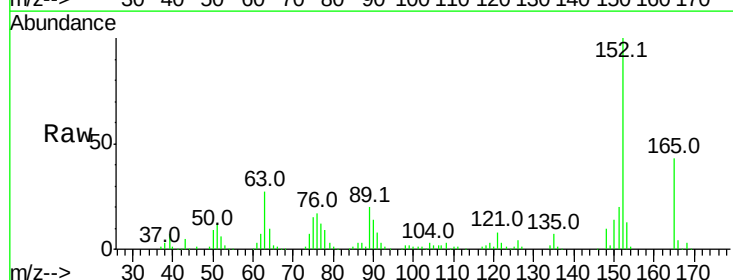
RT: 11.99 min Scan# 1768

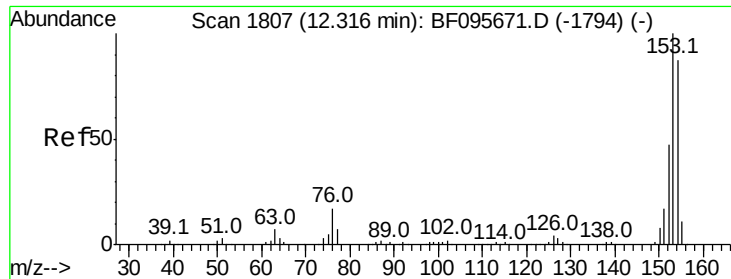
Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Tgt Ion:165	Resp:	88821
Ion Ratio	Lower	Upper
165	100	
63	62.7	34.3 51.5#
89	46.5	37.1 55.7





#51

Acenaphthene

Concen: 40.67 ng

RT: 12.29 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

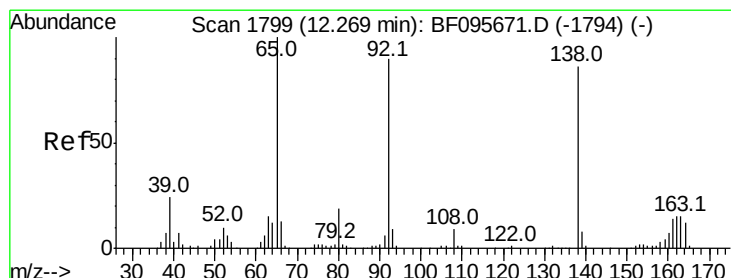
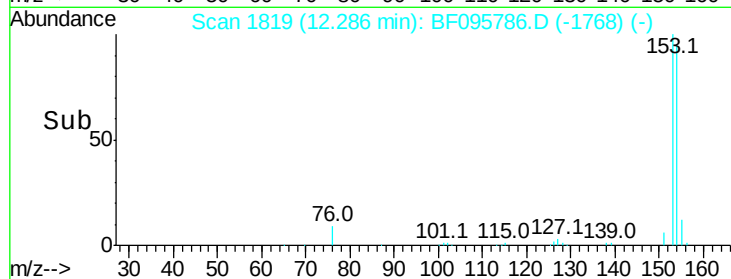
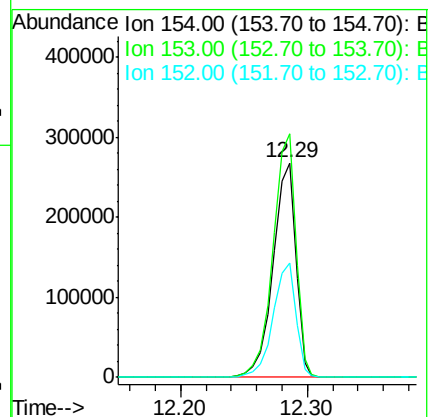
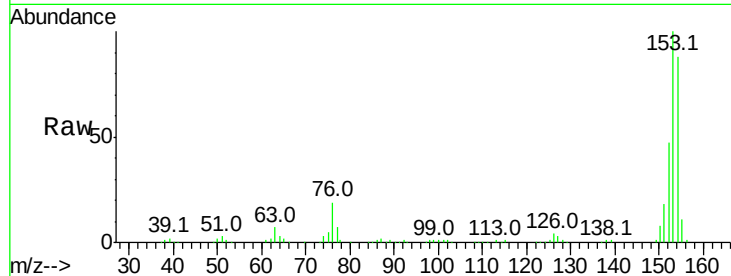
Tot Ion:154 Resp: 335728

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

152 53.2 43.6 65.4



#52

3-Nitroaniline

Concen: 41.83 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

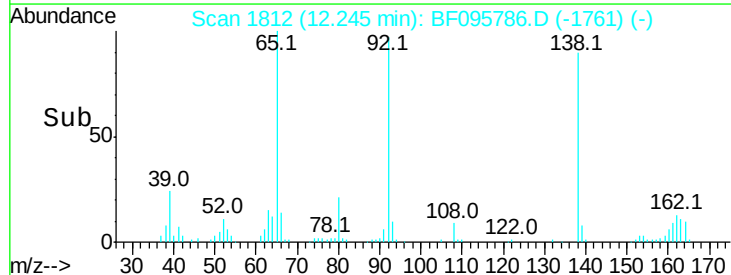
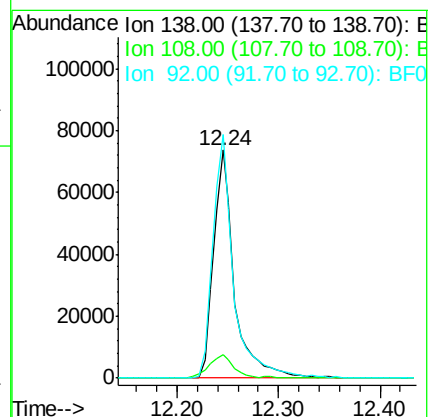
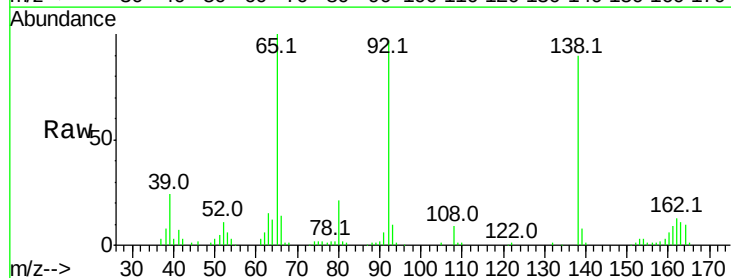
Tgt Ion:138 Resp: 104760

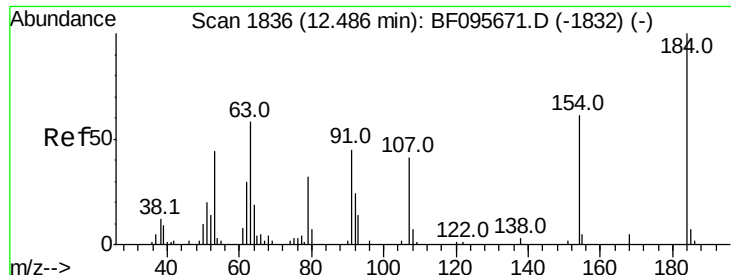
Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

92 106.8 93.8 140.6

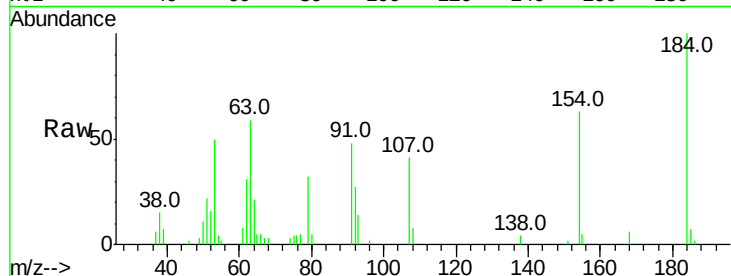




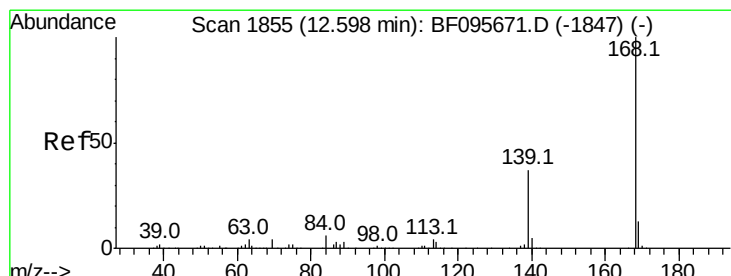
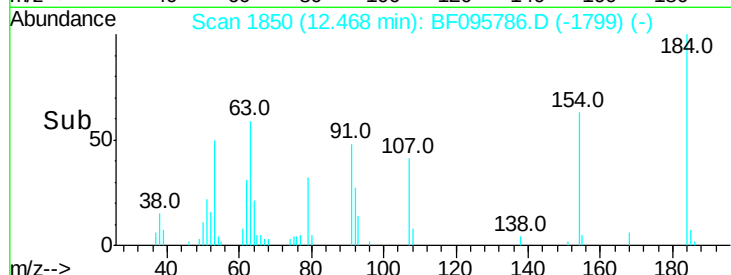
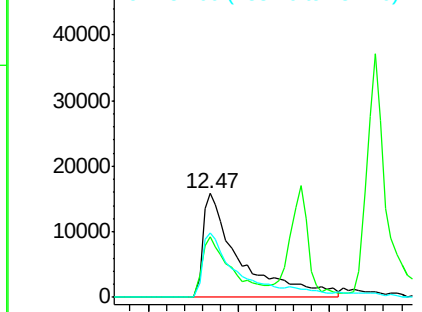
#53
 2,4-Dinitrophenol
 Concen: 40.29 ng
 RT: 12.47 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 44789
 Ion Ratio Lower Upper
 184 100
 63 58.9 62.7 94.1#
 154 62.8 81.1 121.7#

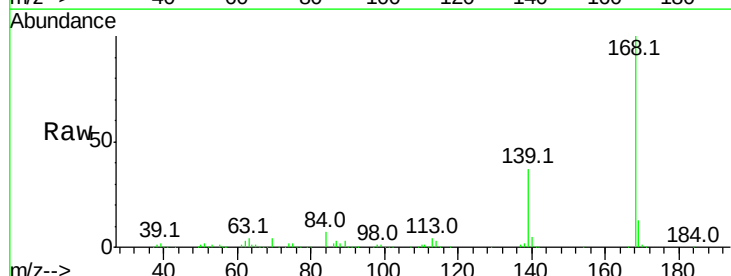


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

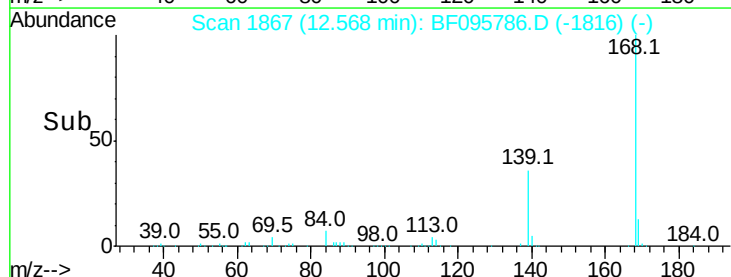
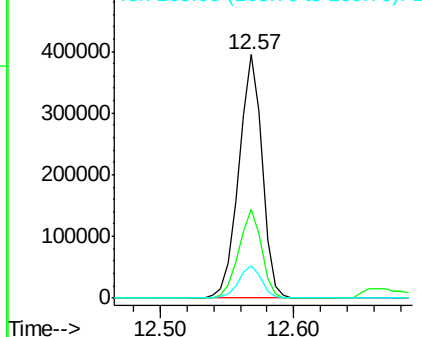


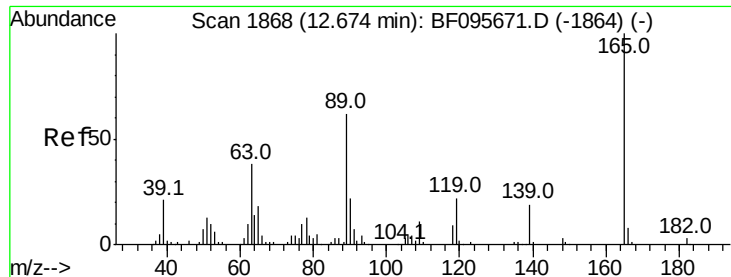
#54
 Dibenzofuran
 Concen: 41.05 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:168 Resp: 476884
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.4 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

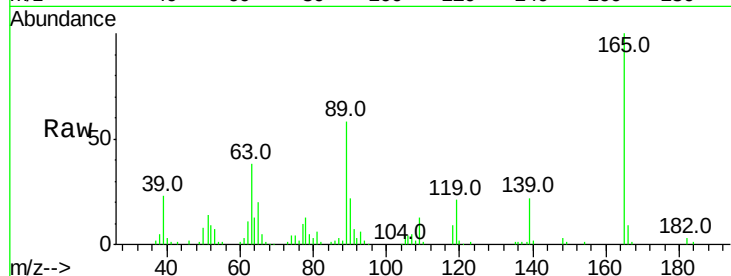




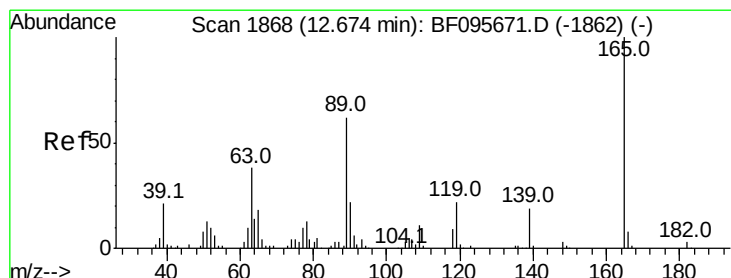
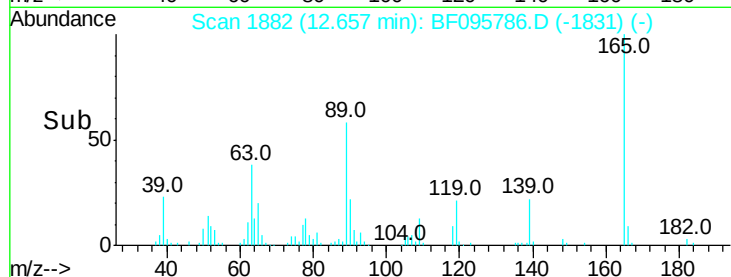
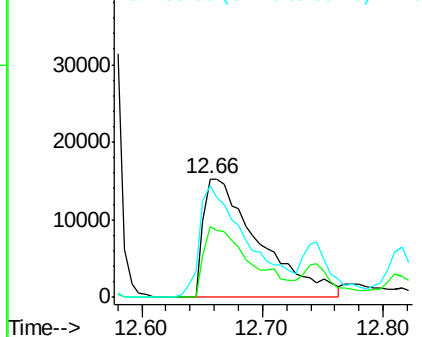
#55
4-Nitrophenol
Concen: 36.17 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 48952
Ion Ratio Lower Upper
139 100
109 59.9 34.1 74.1
65 94.2 31.4 71.4#



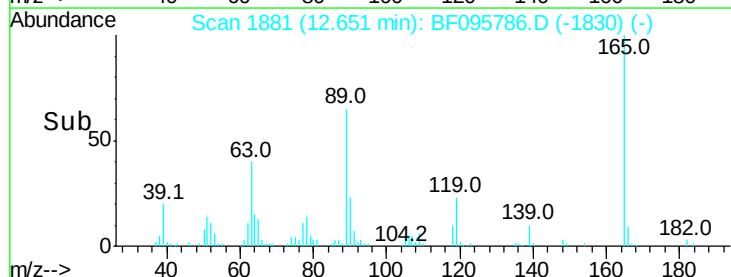
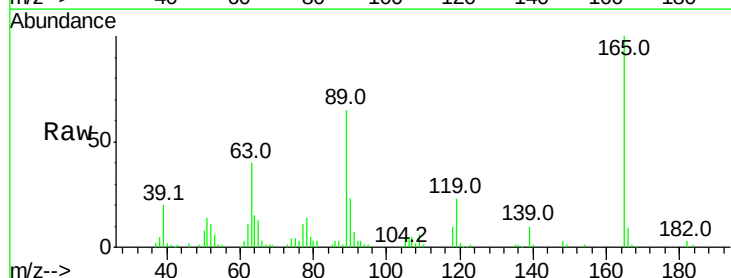
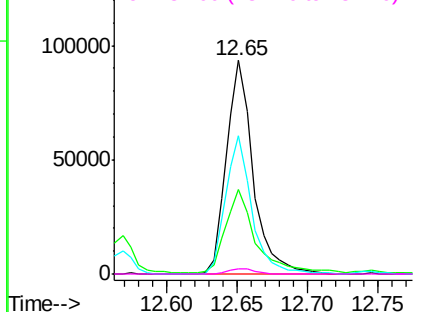
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

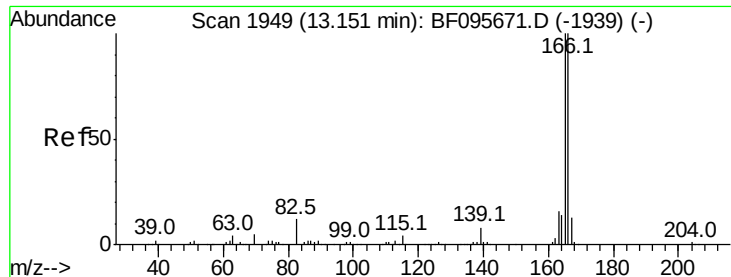


#56
2,4-Dinitrotoluene
Concen: 42.45 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:165 Resp: 123242
Ion Ratio Lower Upper
165 100
63 39.7 25.4 38.0#
89 64.7 46.4 69.6
182 2.5 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

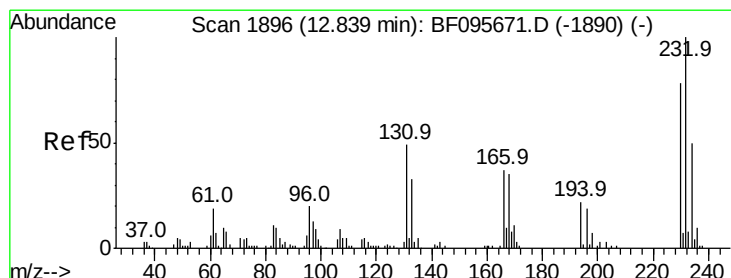
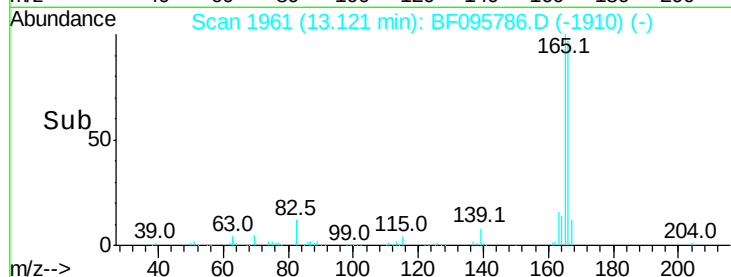
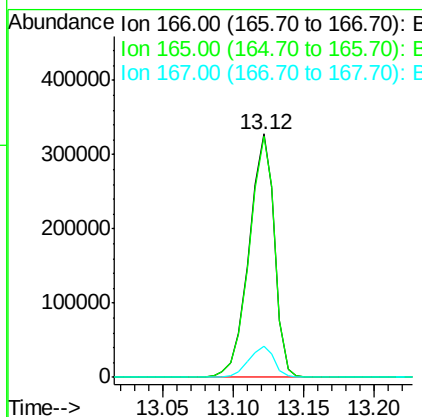
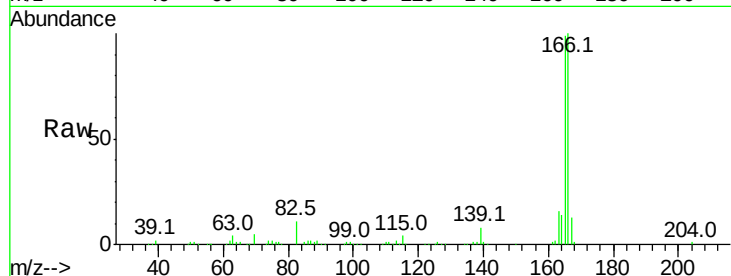




#57
 Fluorene
 Concen: 40.92 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

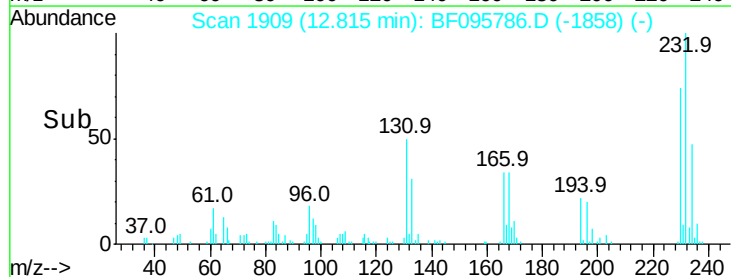
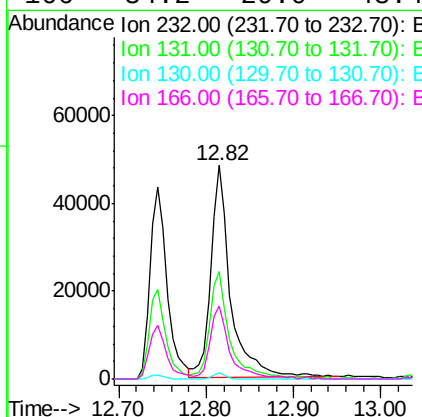
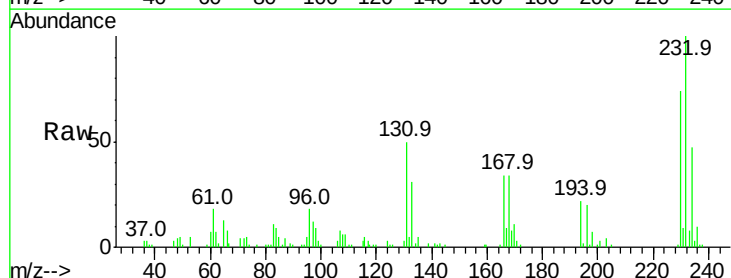
Instrument :
 BNA_F
 ClientSampleId :

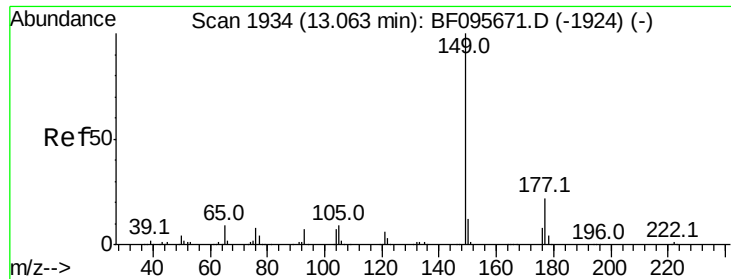
Tot Ion:166 Resp: 413744
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.17 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:232 Resp: 76656
 Ion Ratio Lower Upper
 232 100
 131 48.4 44.8 67.2
 130 1.8 2.3 3.5#
 166 34.2 29.0 43.4

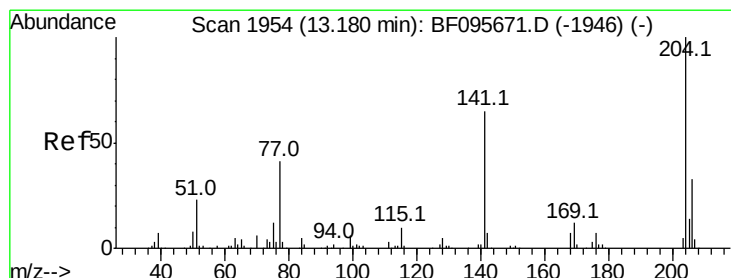
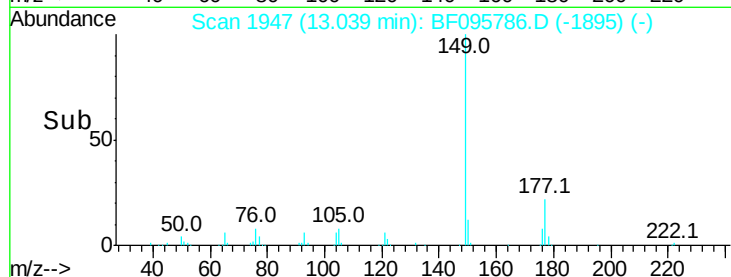
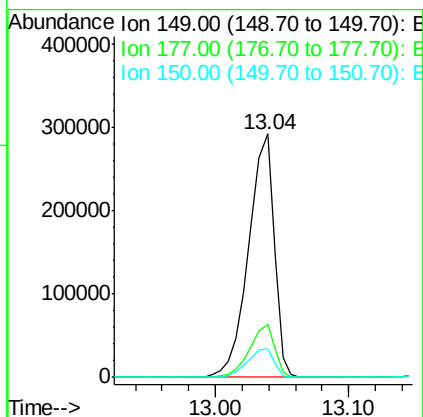
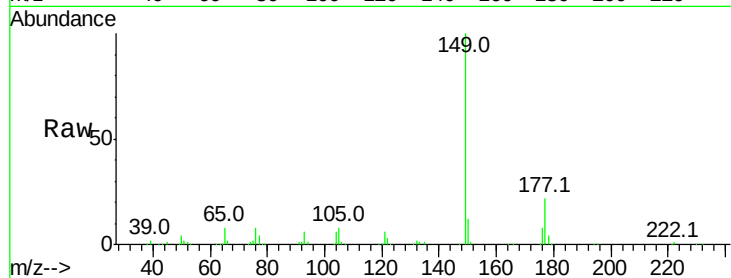




#59
Diethylphthalate
Concen: 40.58 ng
RT: 13.04 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

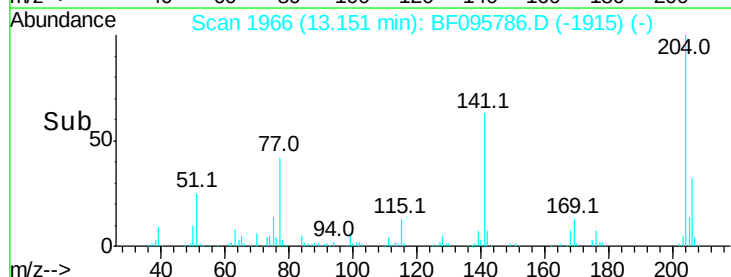
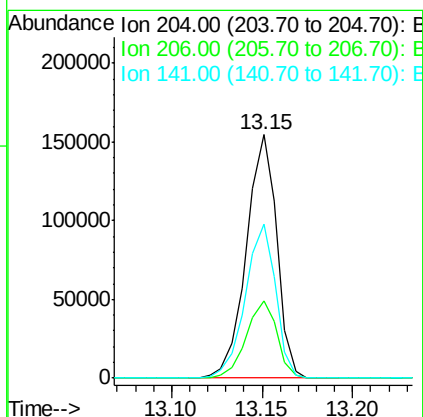
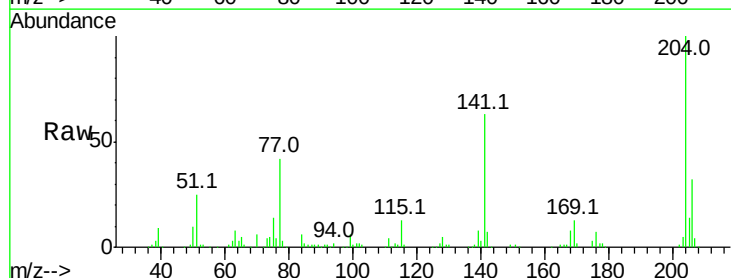
Instrument :
BNA_F
ClientSampleId :

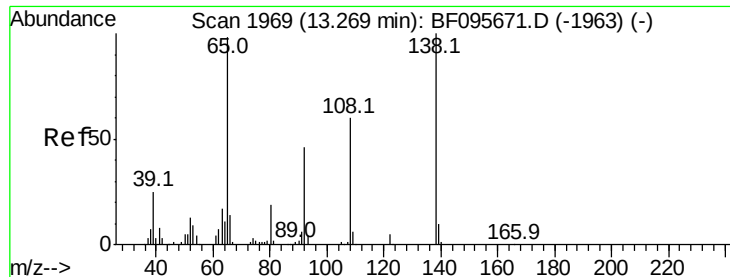
Tot Ion:149 Resp: 384850
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 11.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.04 ng
RT: 13.15 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:204 Resp: 180428
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 63.4 60.8 91.2

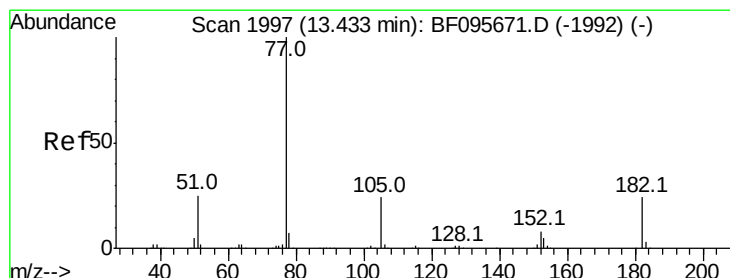
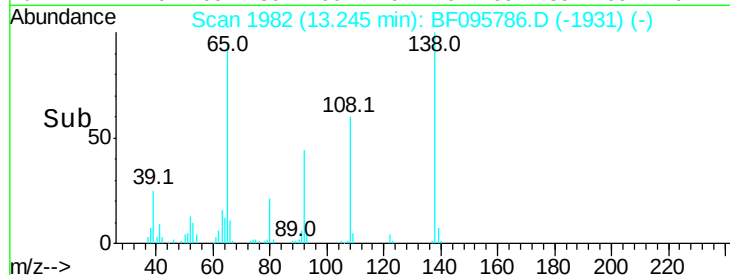
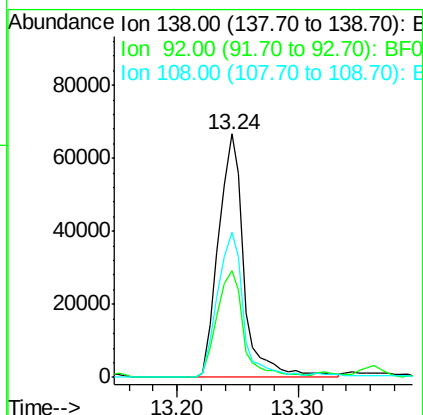
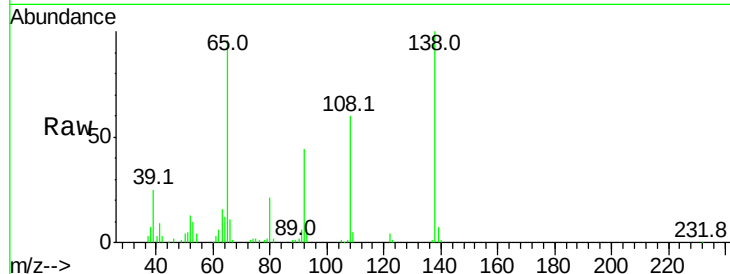




#61
4-Nitroaniline
Concen: 41.74 ng
RT: 13.24 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

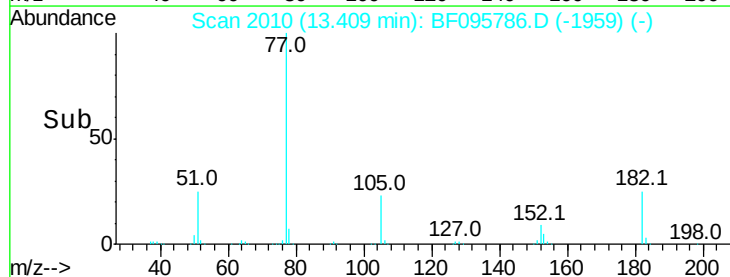
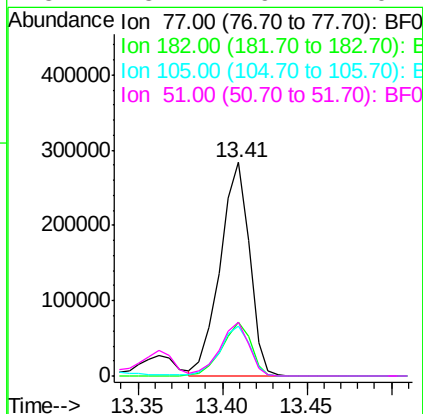
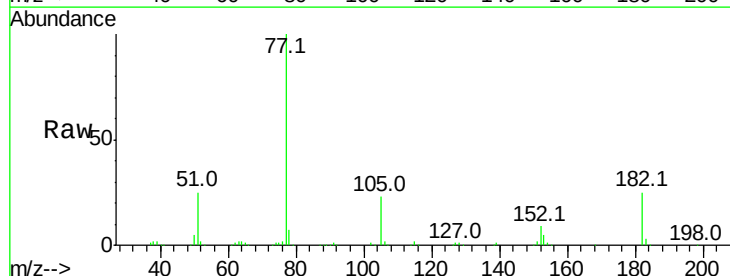
Instrument :
BNA_F
ClientSampled :

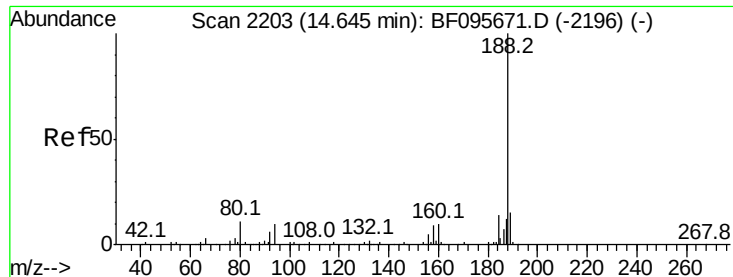
Tot Ion:138 Resp: 97604
Ion Ratio Lower Upper
138 100
92 43.8 21.8 61.8
108 59.7 42.3 82.3



#62
Azobenzene
Concen: 39.99 ng
RT: 13.41 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion: 77 Resp: 343785
Ion Ratio Lower Upper
77 100
182 25.2 0.1 40.1
105 23.3 3.6 43.6
51 25.4 9.4 49.4

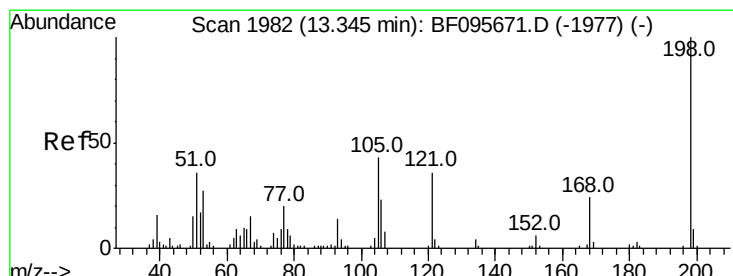
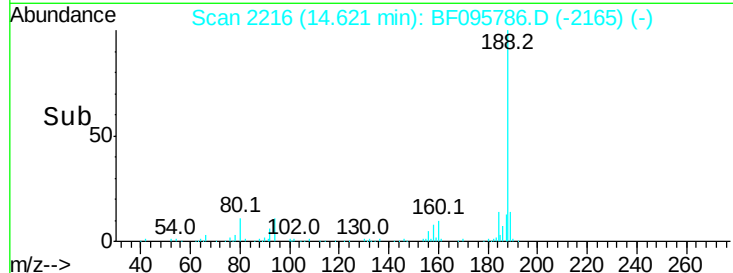
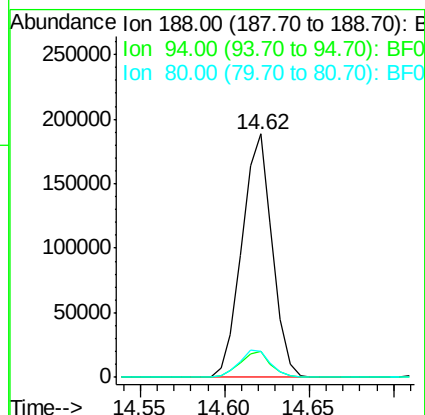
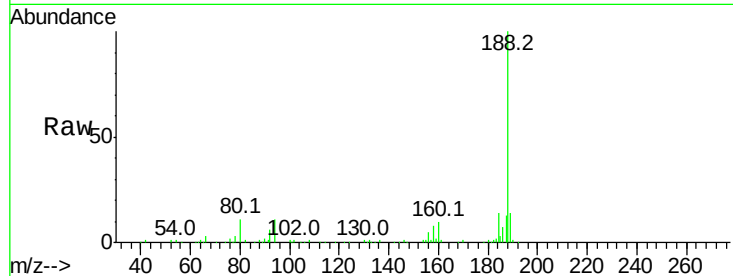




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

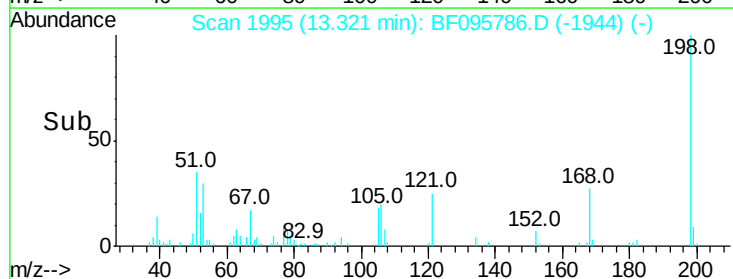
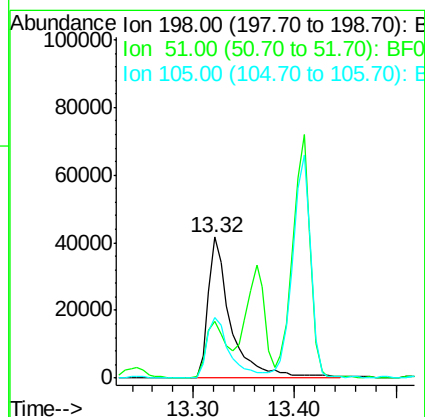
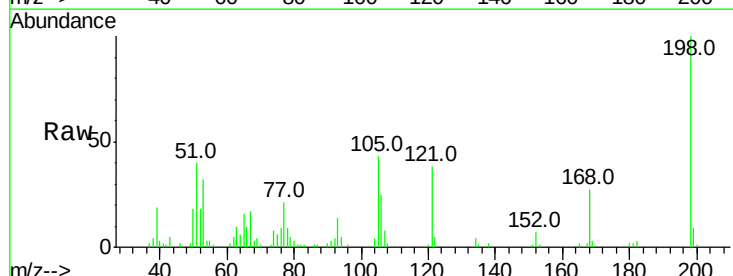
Instrument :
BNA_F
ClientSampleId :

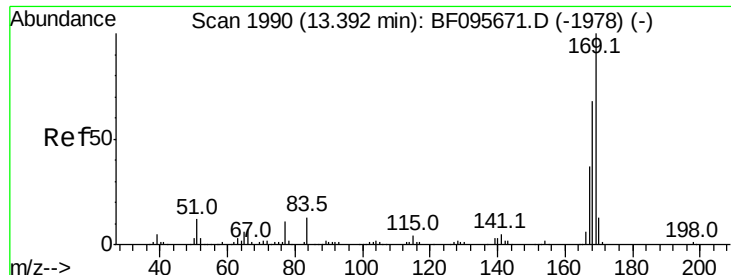
Tot Ion:188 Resp: 234861
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.69 ng
RT: 13.32 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:198 Resp: 64366
Ion Ratio Lower Upper
198 100
51 40.4 53.2 93.2#
105 43.1 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.39 ng

RT: 13.36 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

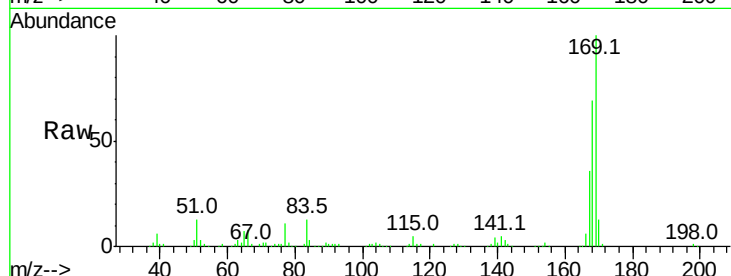
Tot Ion:169 Resp: 340853

Ion Ratio Lower Upper

169 100

168 68.8 53.2 79.8

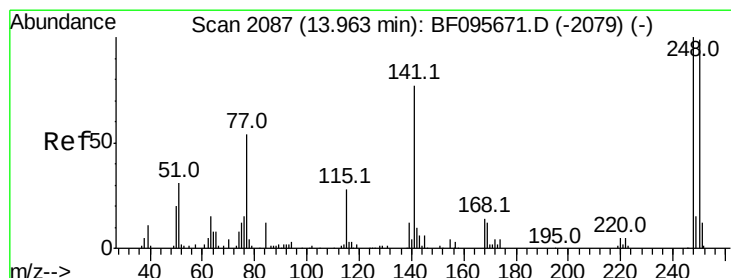
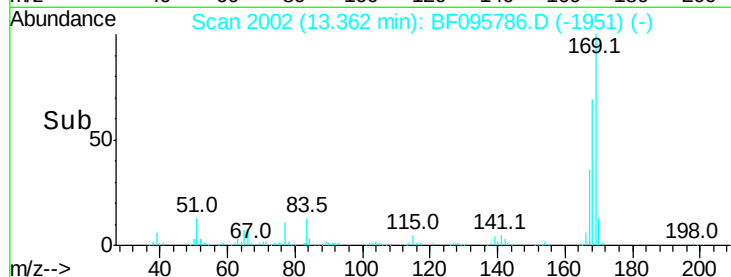
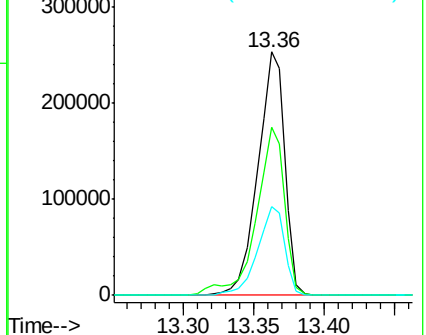
167 36.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.15 ng

RT: 13.93 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

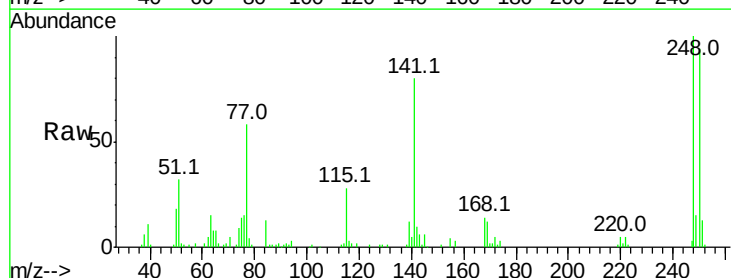
Tgt Ion:248 Resp: 98005

Ion Ratio Lower Upper

248 100

250 94.4 76.8 115.2

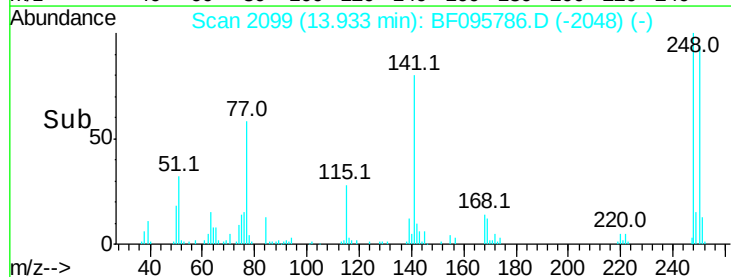
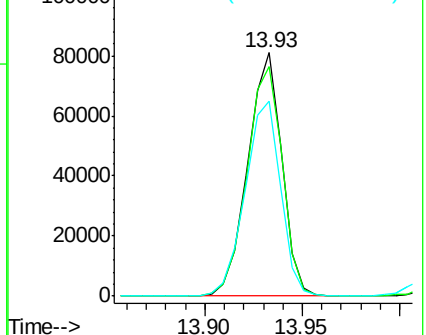
141 80.1 68.6 103.0

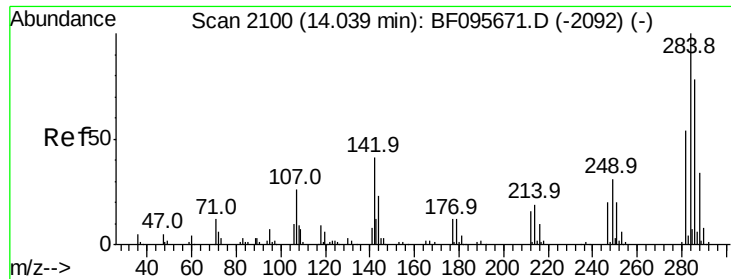


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

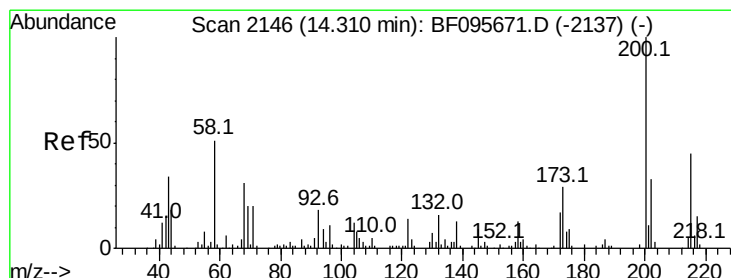
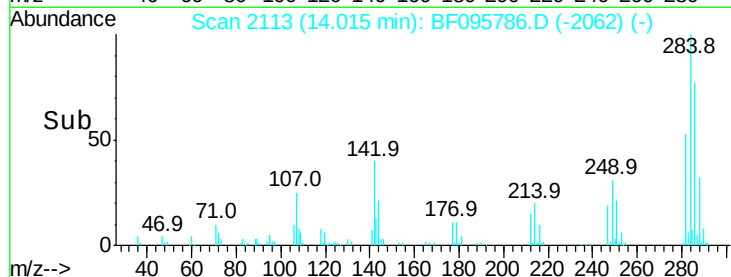
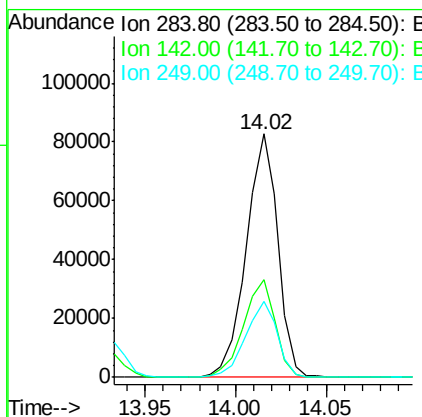
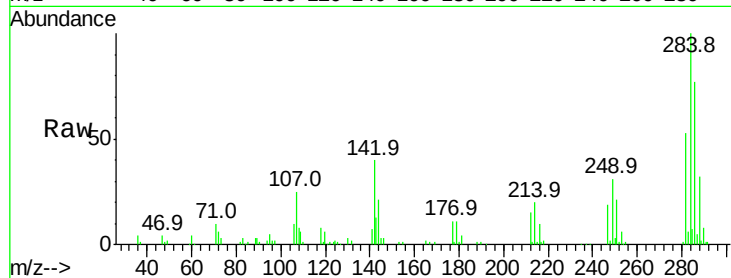




#67
Hexachlorobenzene
Concen: 41.59 ng
RT: 14.02 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

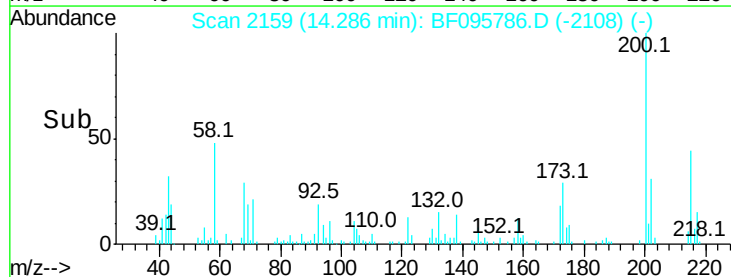
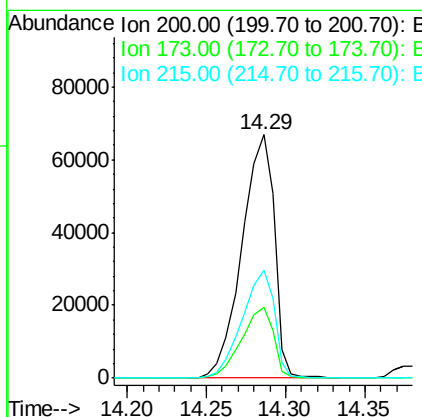
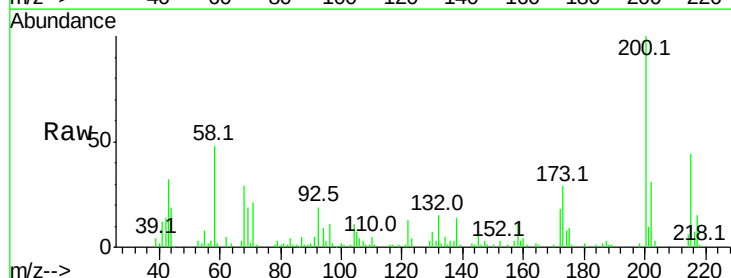
Instrument :
BNA_F
ClientSampleId :

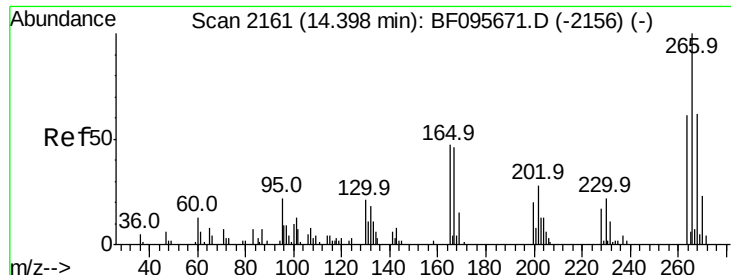
Tot Ion:284 Resp: 100036
Ion Ratio Lower Upper
284 100
142 40.3 22.8 34.2#
249 31.3 24.0 36.0



#68
Atrazine
Concen: 40.50 ng
RT: 14.29 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:200 Resp: 95115
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 44.2 27.2 67.2

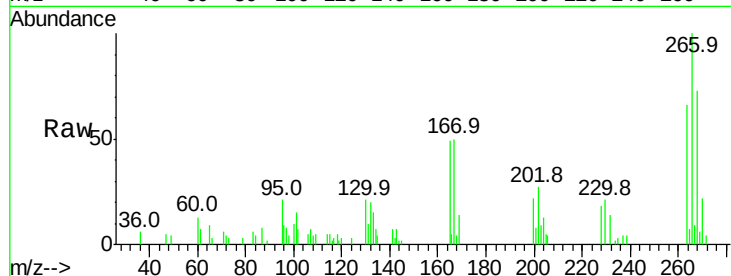




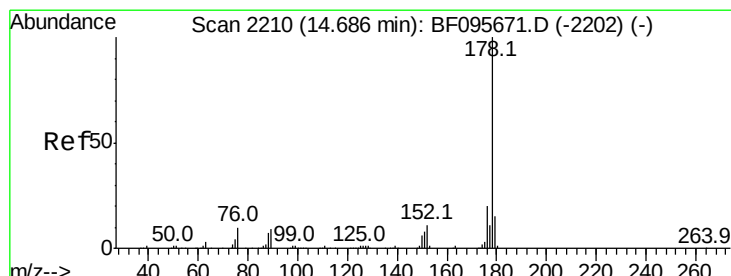
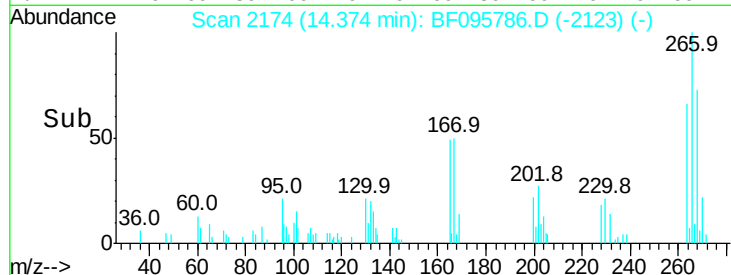
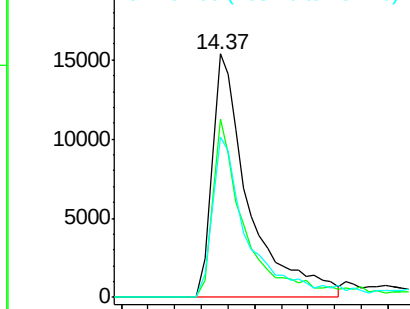
#69
 Pentachlorophenol
 Concen: 36.31 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 29530
 Ion Ratio Lower Upper
 266 100
 268 73.2 51.1 76.7
 264 65.7 51.7 77.5

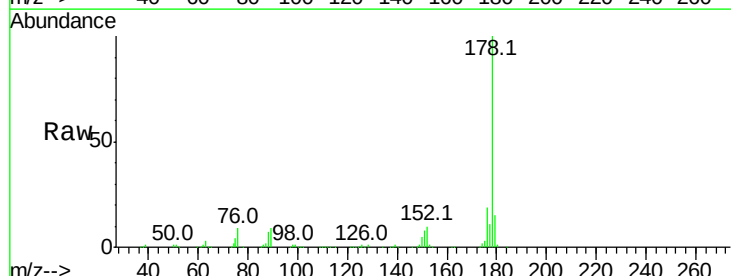


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

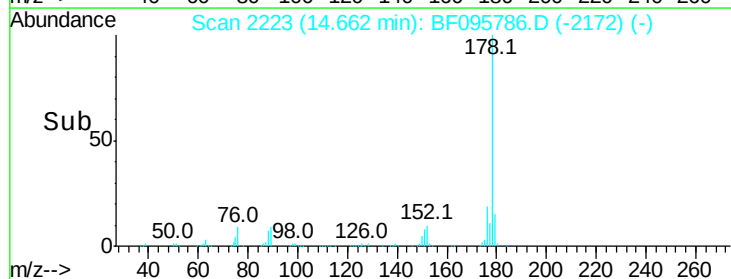
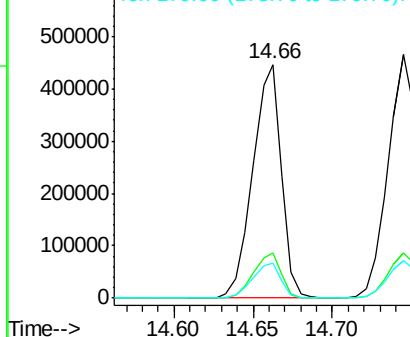


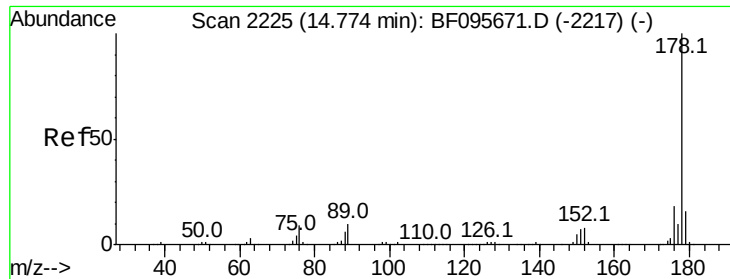
#70
 Phenanthrene
 Concen: 41.22 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:178 Resp: 558553
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

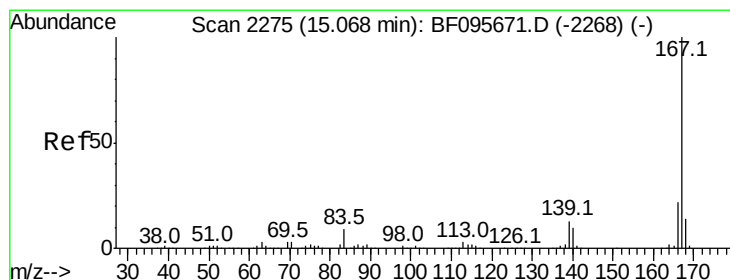
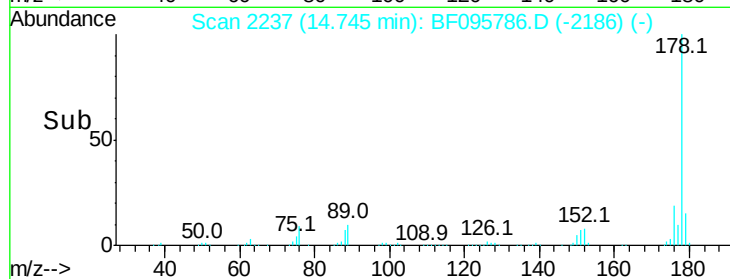
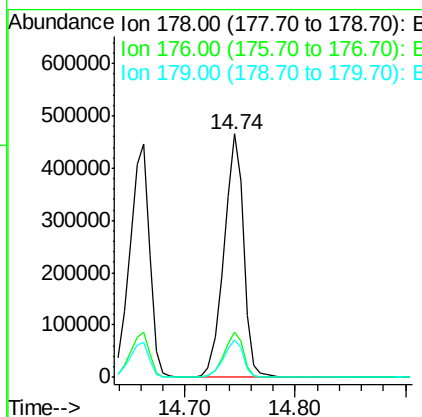
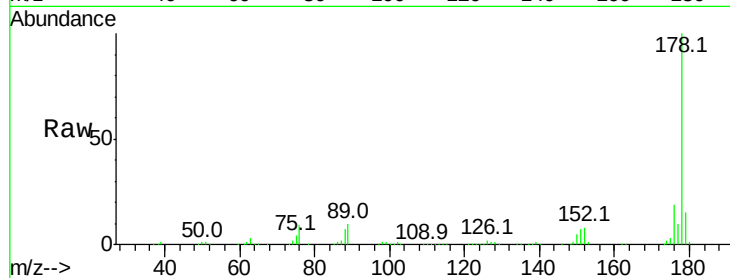




#71
 Anthracene
 Concen: 40.96 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

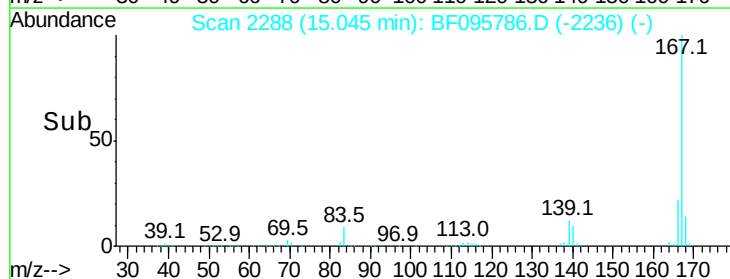
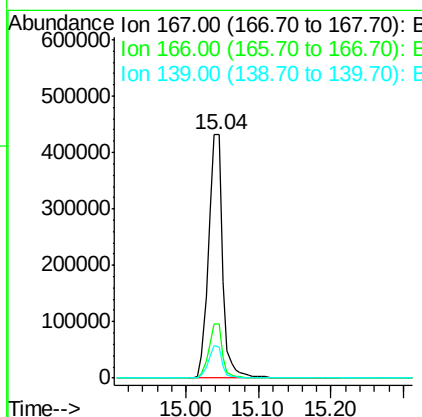
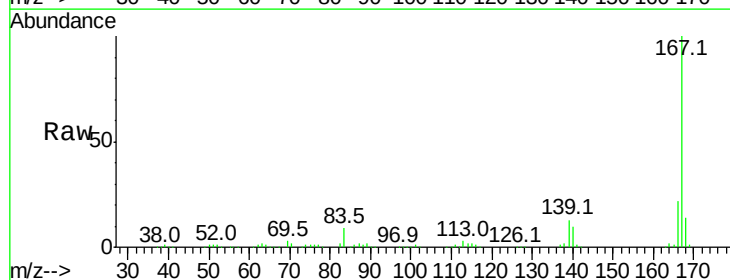
Instrument :
 BNA_F
 ClientSampleId :

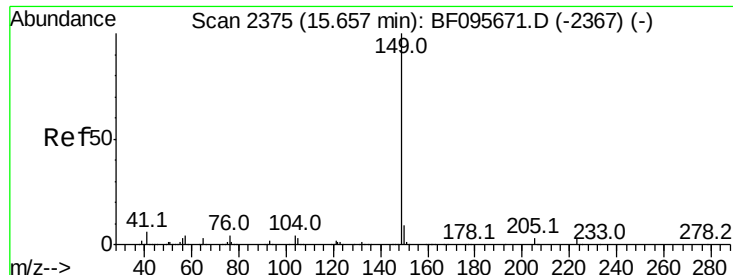
Tot Ion:178 Resp: 579492
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 42.28 ng
 RT: 15.04 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:167 Resp: 582970
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.51 ng

RT: 15.63 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

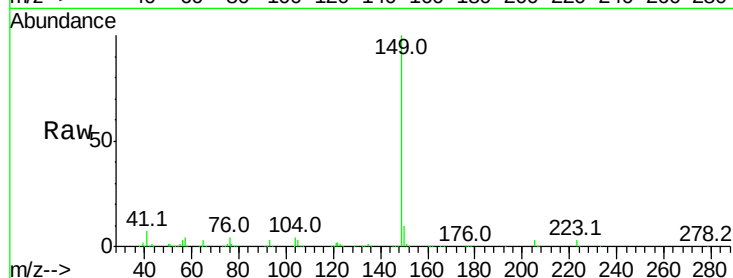
Tot Ion:149 Resp: 608886

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

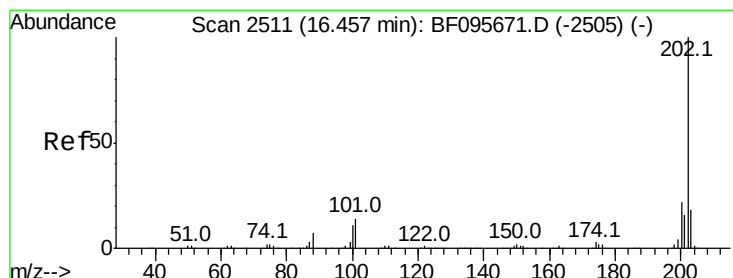
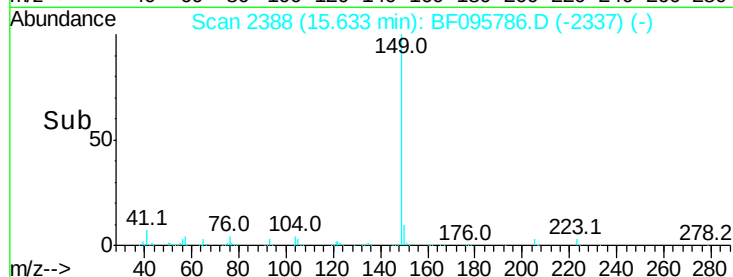
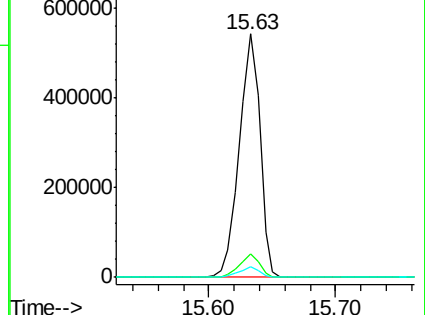
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.87 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

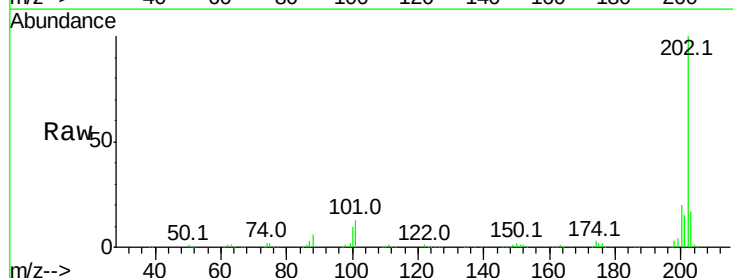
Tgt Ion:202 Resp: 575027

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

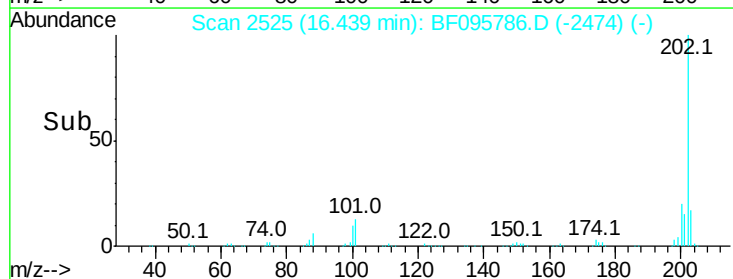
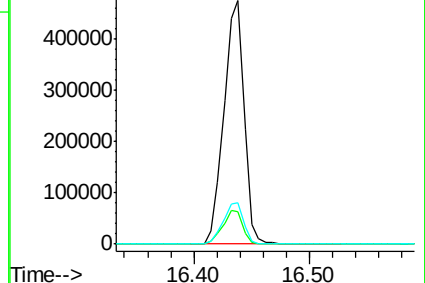
203 17.2 0.0 38.1

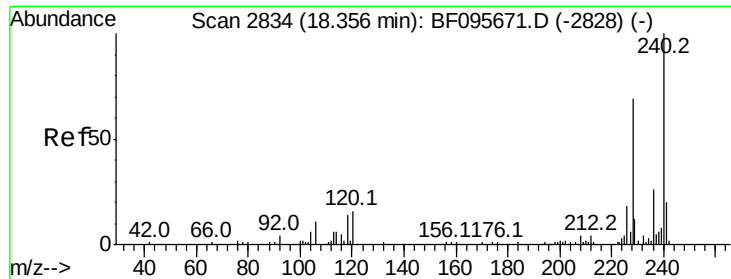


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

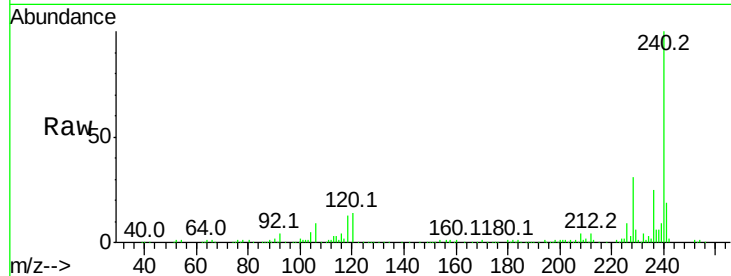
Tot Ion:240 Resp: 198644

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

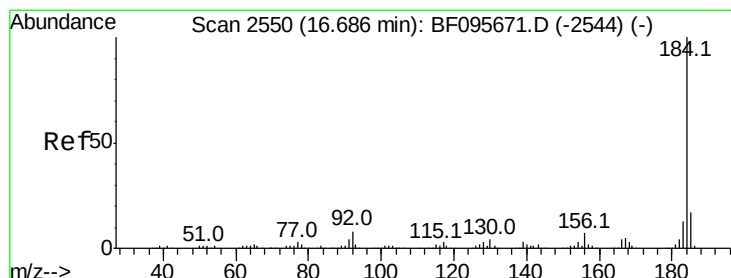
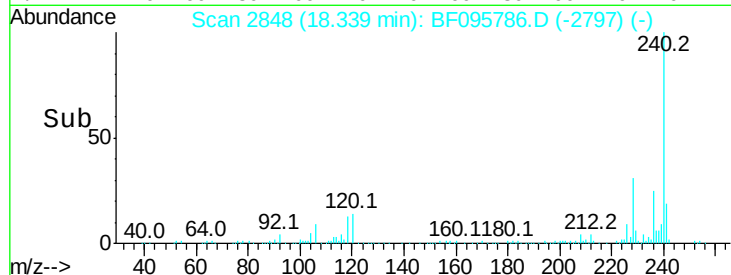
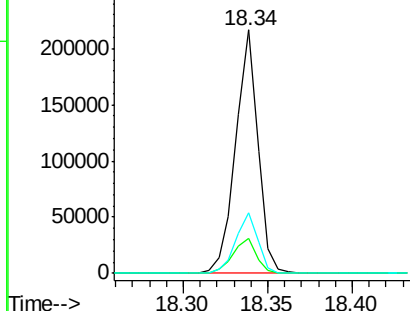
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.79 ng

RT: 16.66 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

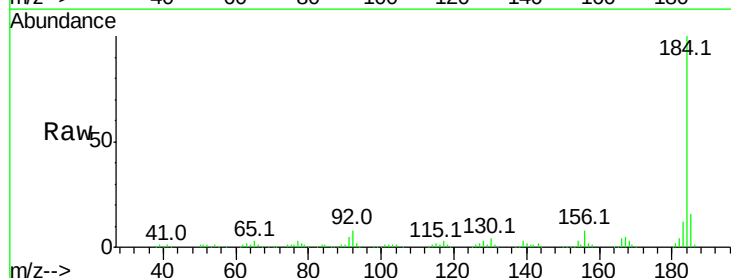
Tgt Ion:184 Resp: 280710

Ion Ratio Lower Upper

184 100

185 15.9 15.5 23.3

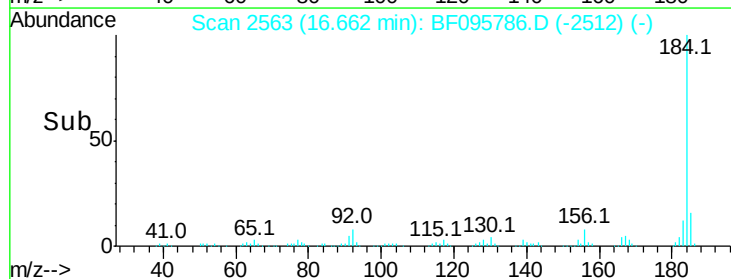
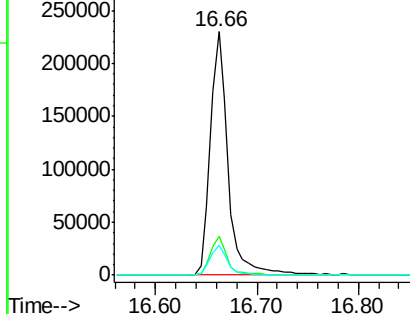
183 12.4 9.8 14.6

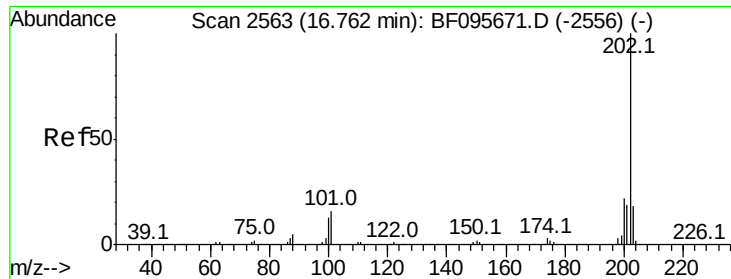


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

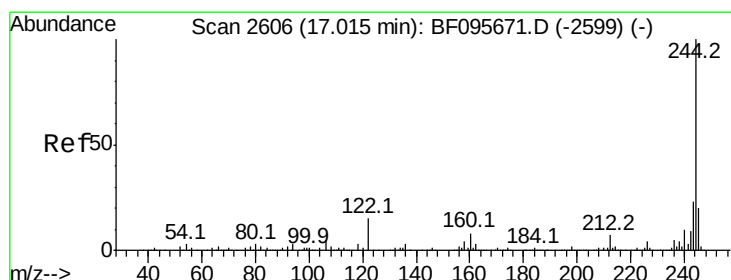
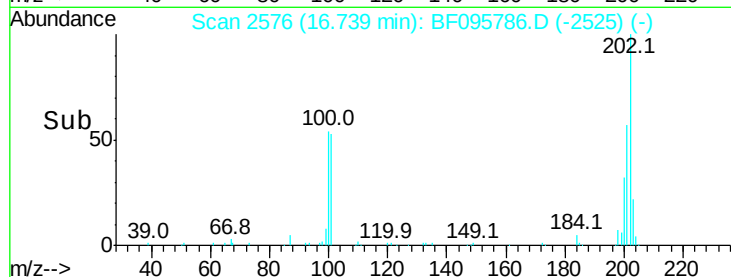
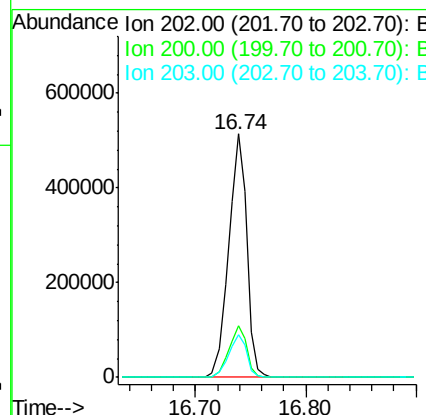
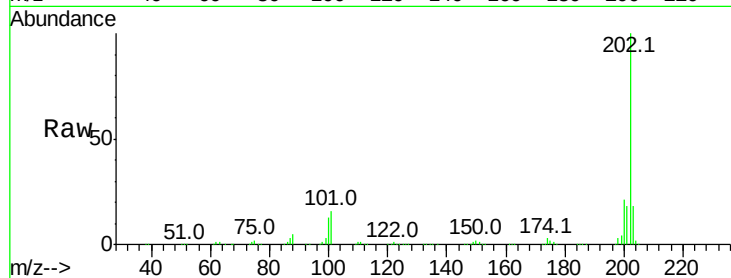




#77
Pvrene
Concen: 39.72 ng
RT: 16.74 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

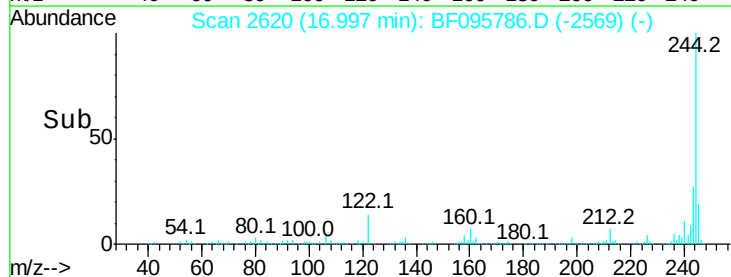
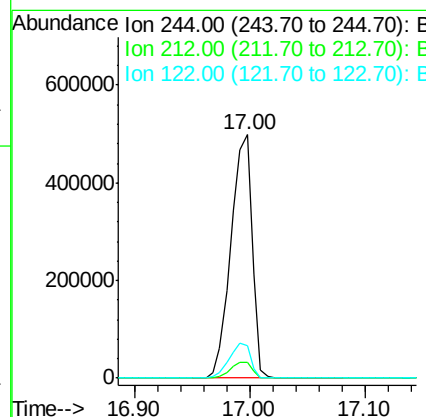
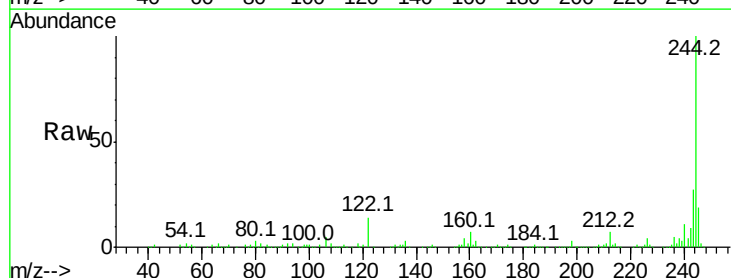
Instrument :
BNA_F
ClientSampleId :

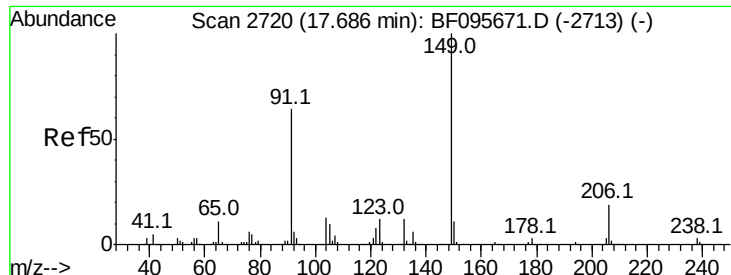
Tot Ion:202 Resp: 588683
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 79.66 ng
RT: 17.00 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:244 Resp: 637583
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.6 10.3 15.5

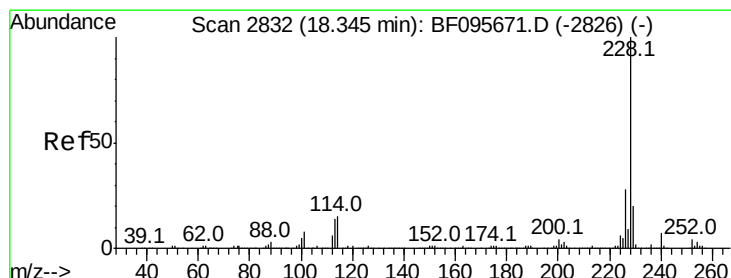
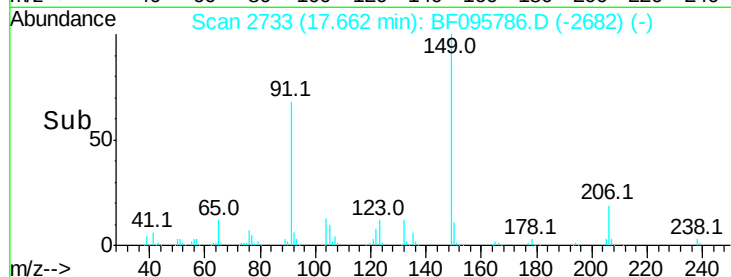
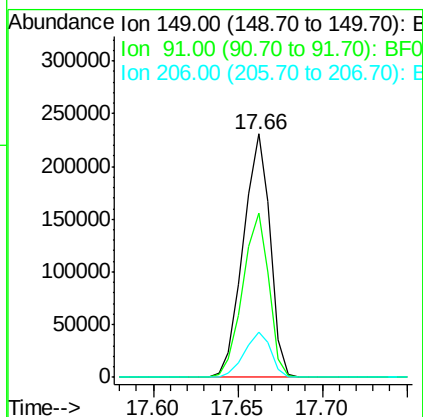
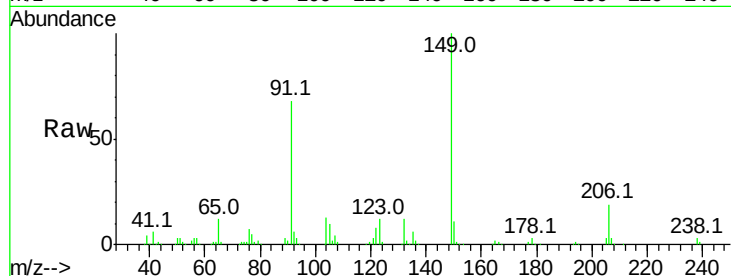




#79
Butylbenzylphthalate
Concen: 39.62 ng
RT: 17.66 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

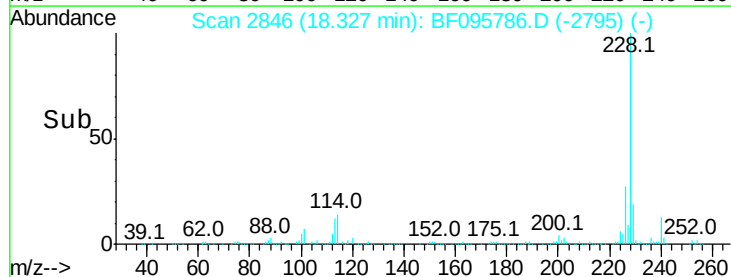
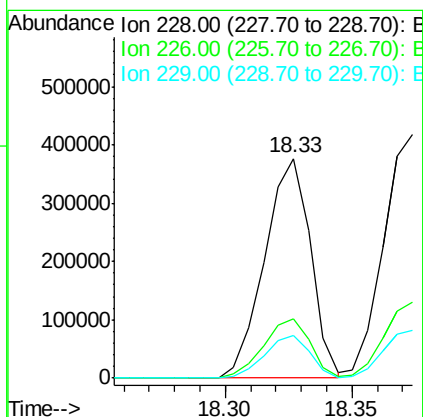
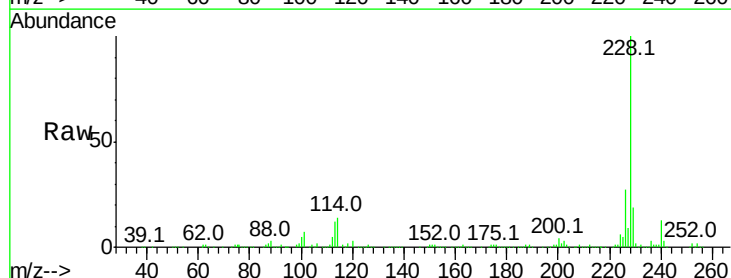
Instrument :
BNA_F
ClientSampleId :

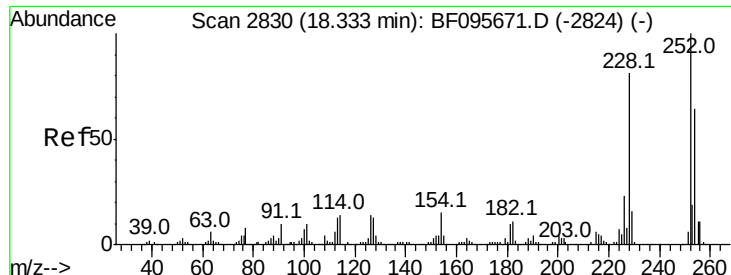
Tot Ion:149 Resp: 256456
Ion Ratio Lower Upper
149 100
91 67.7 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.89 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:228 Resp: 472276
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 19.5 16.3 24.5

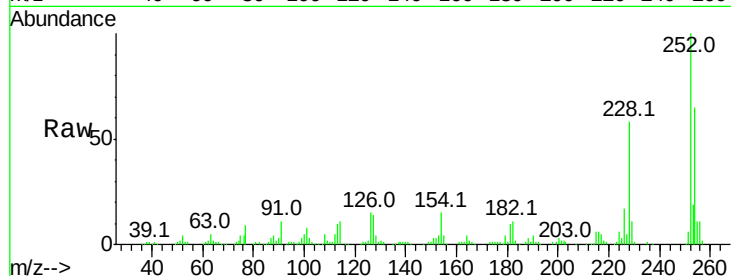




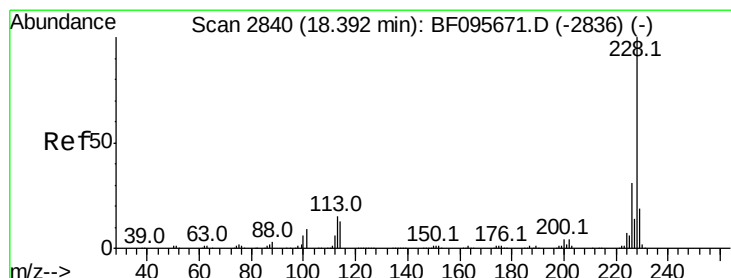
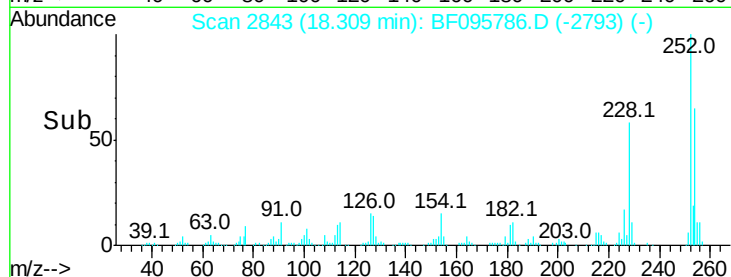
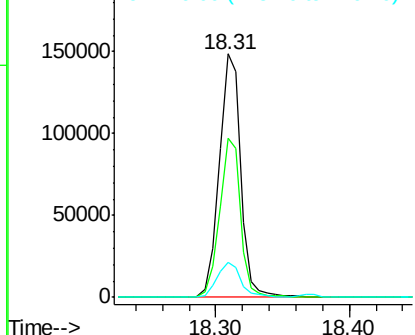
#81
 3,3'-Dichlorobenzidine
 Concen: 41.26 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 169422
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.5 77.3
 126 14.6 15.8 23.8#

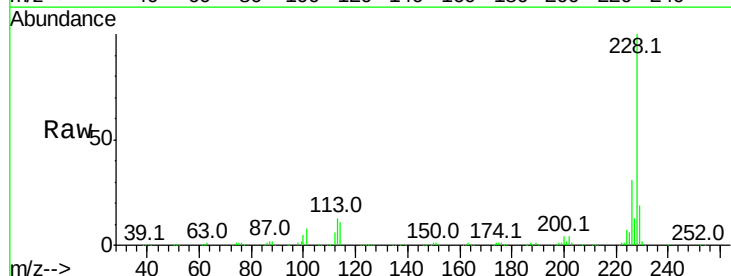


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

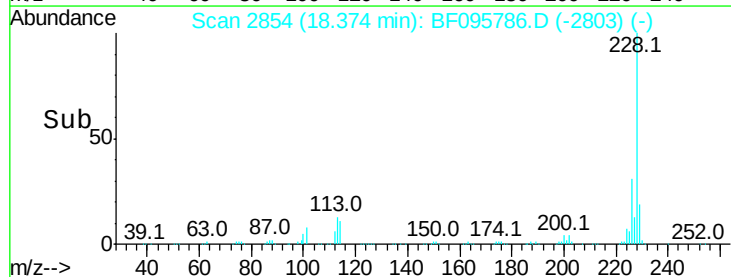
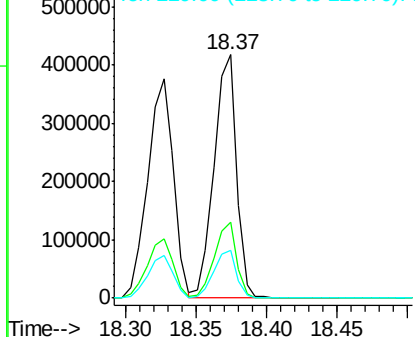


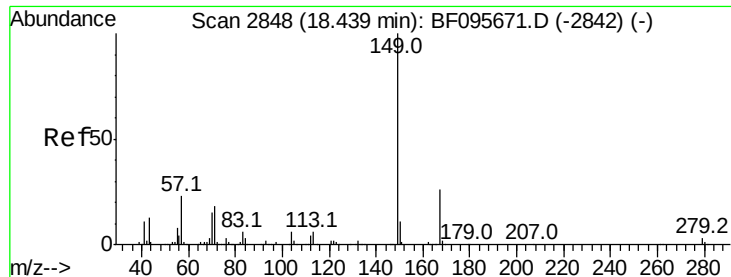
#82
 Chrysene
 Concen: 40.04 ng
 RT: 18.37 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:228 Resp: 462079
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.4 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

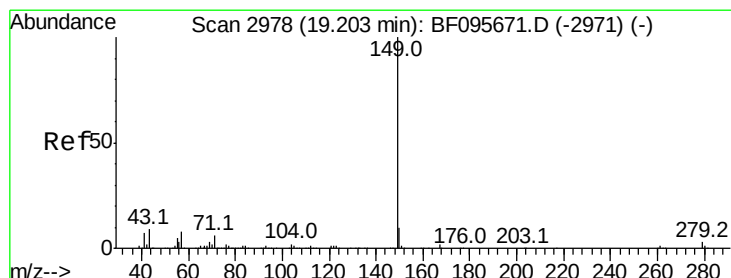
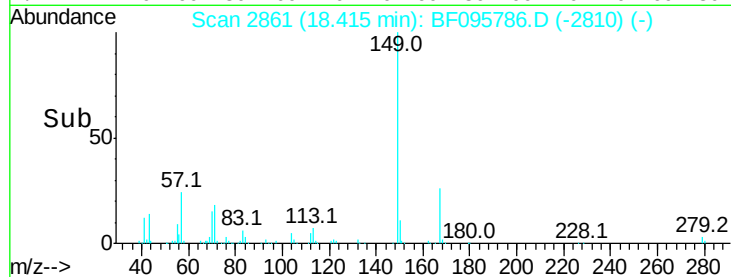
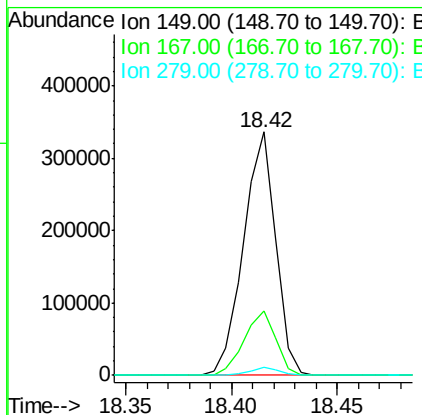
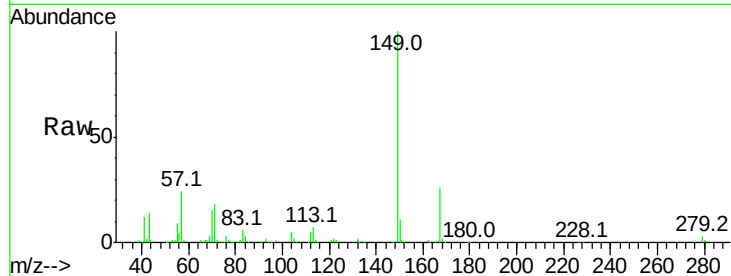




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.98 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

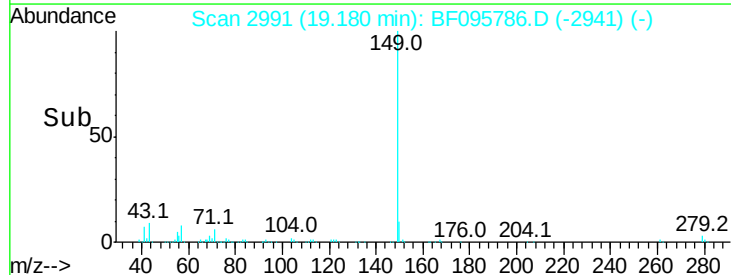
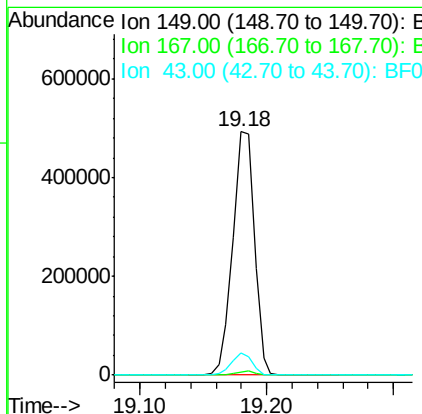
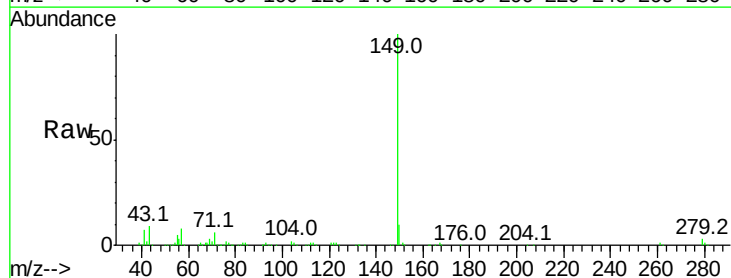
Instrument :
 BNA_F
 ClientSampleId :

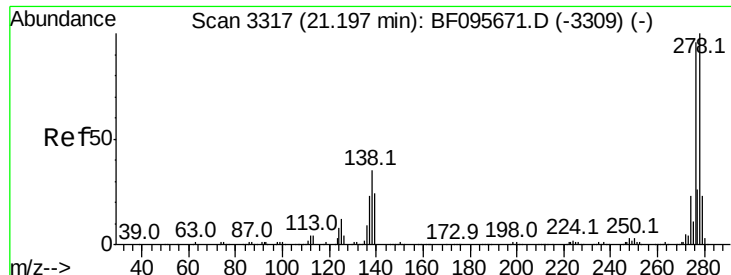
Tot Ion:149 Resp: 355961
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.57 ng
 RT: 19.18 min Scan# 2991
 Delta R.T. -0.01 min
 Lab File: BF095786.D
 Acq: 8 Jun 2017 16:36

Tgt Ion:149 Resp: 580337
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 9.0 8.5 12.7

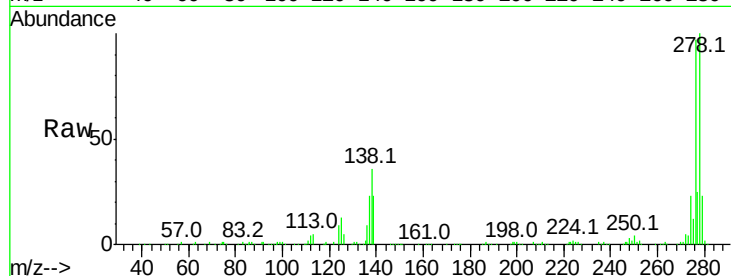




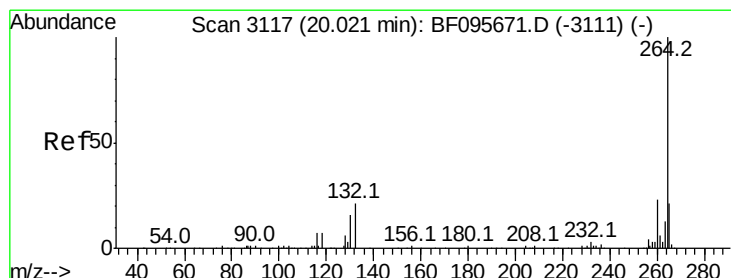
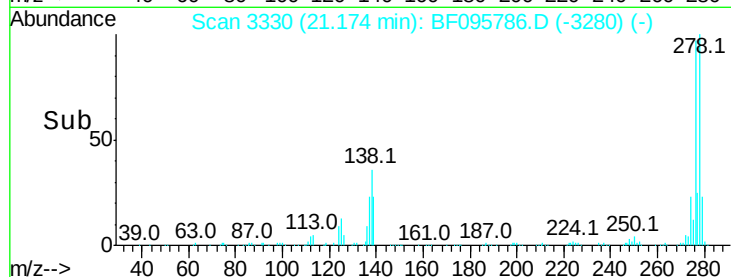
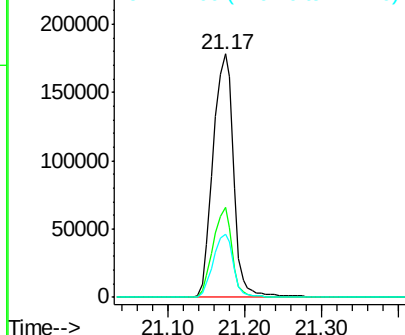
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.27 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 328530
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 25.7 20.2 30.4

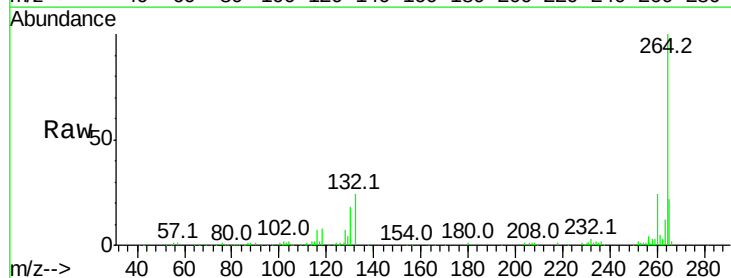


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

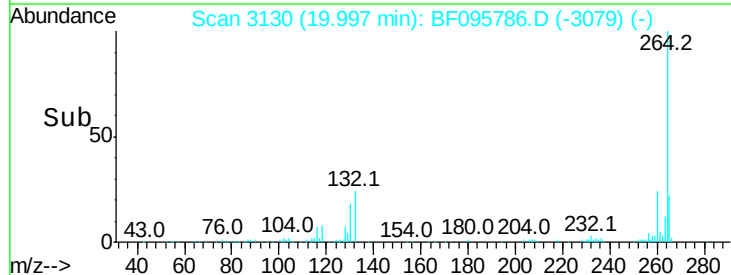
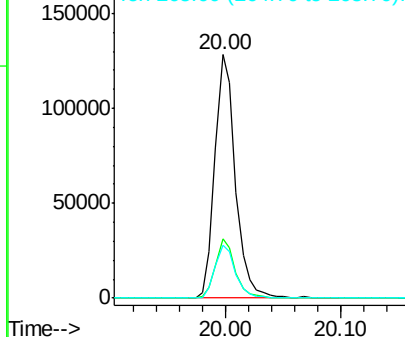


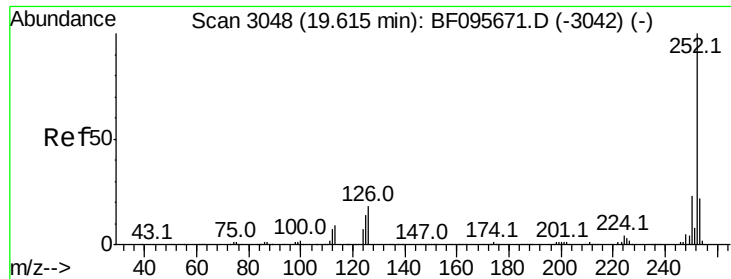
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:264 Resp: 158423
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.9 17.2 25.8



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

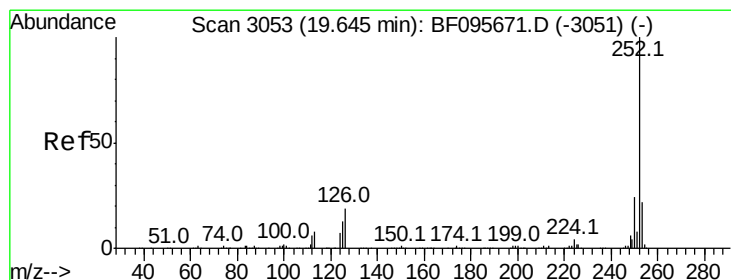
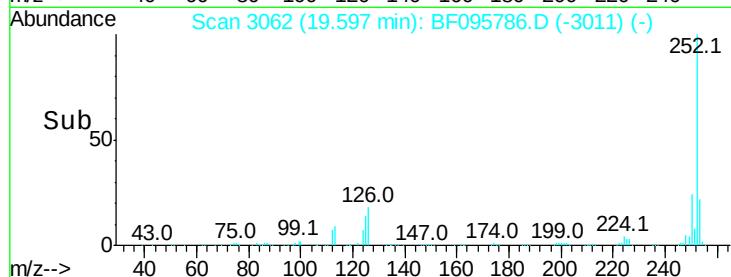
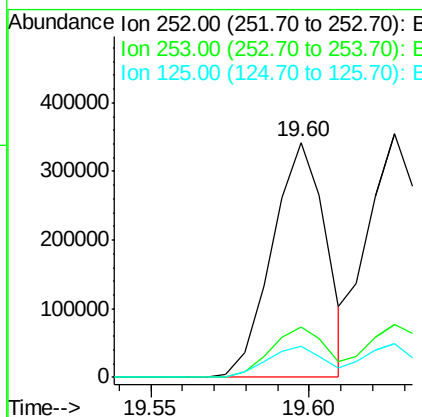
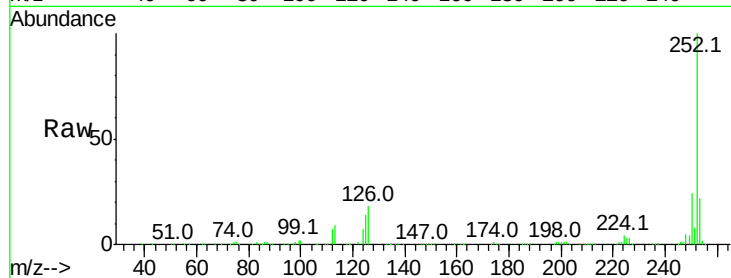




#87
Benzo(b)fluoranthene
Concen: 40.69 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

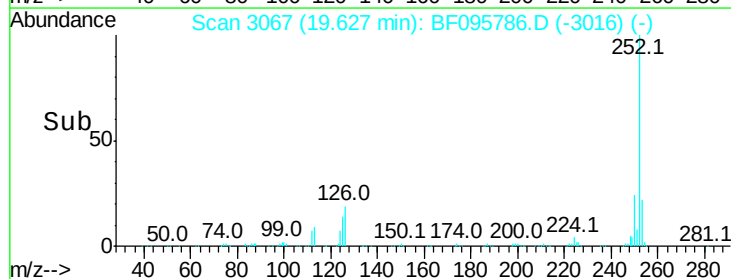
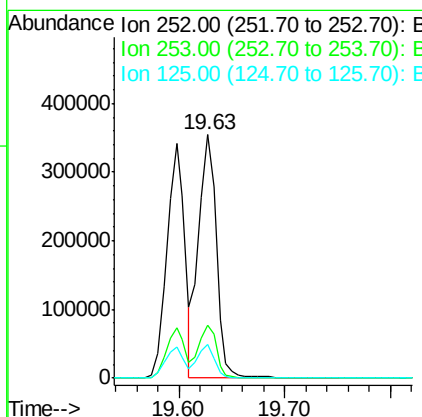
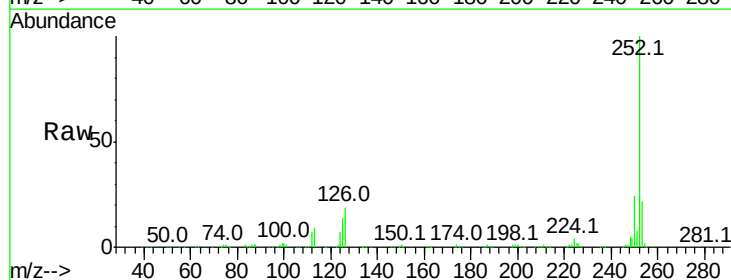
Instrument :
BNA_F
ClientSampled :

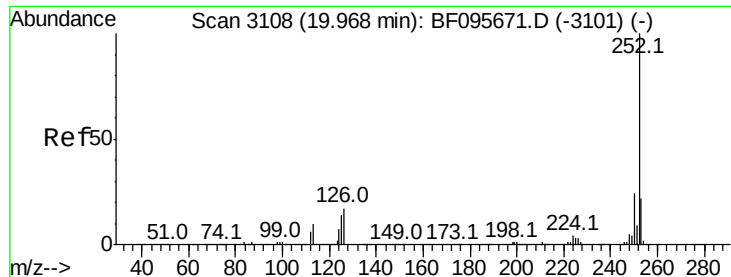
Tot Ion:252 Resp: 403675
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 13.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.39 ng
RT: 19.63 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:252 Resp: 411462
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.8 13.1 19.7

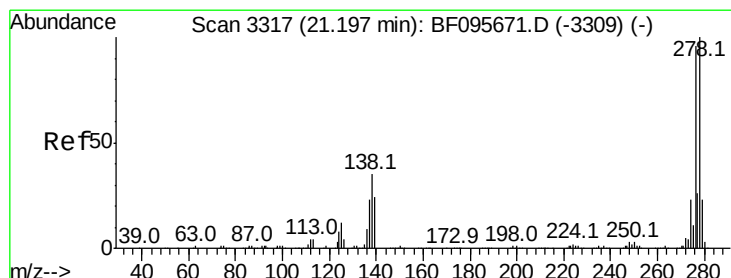
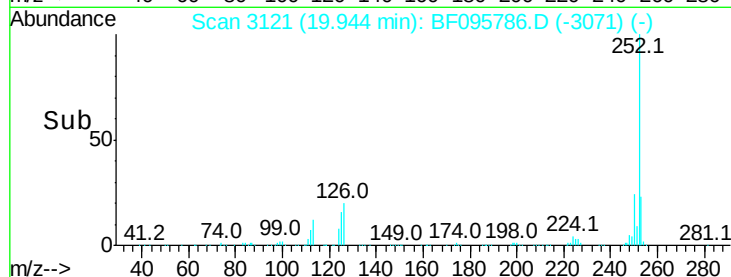
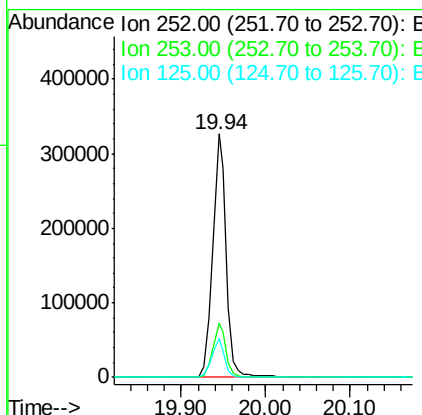
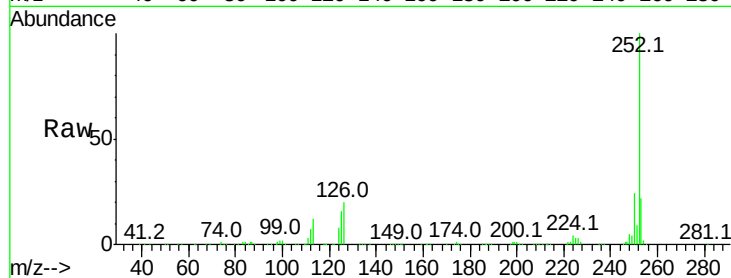




#89
Benzo(a)pyrene
Concen: 40.78 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

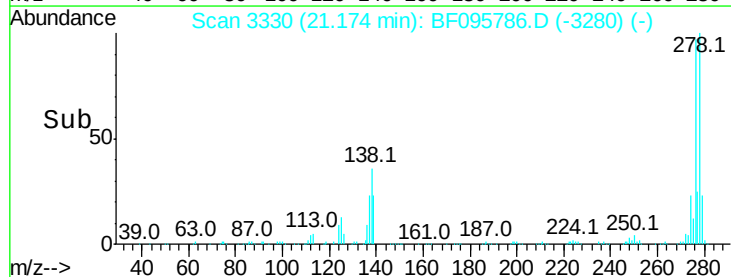
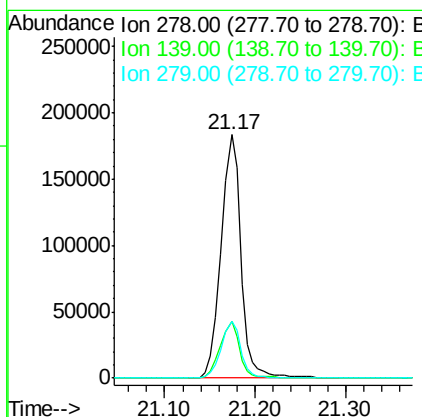
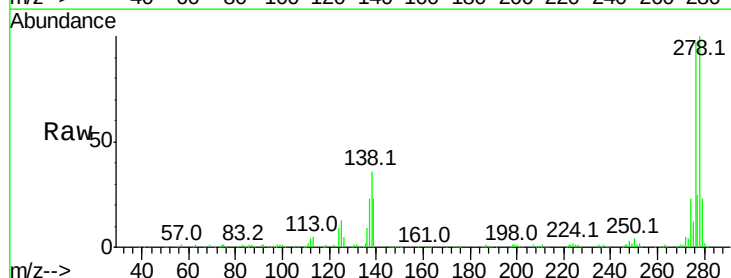
Instrument :
BNA_F
ClientSampleId :

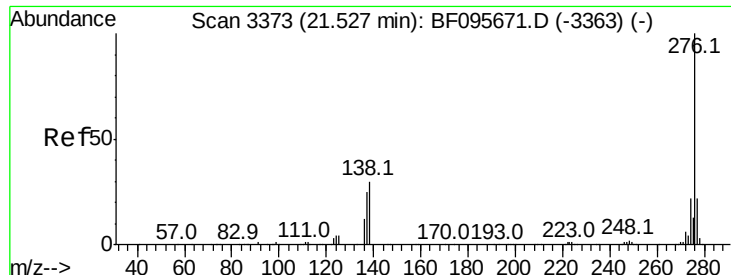
Tot Ion:252 Resp: 371823
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 15.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 36.05 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095786.D
Acq: 8 Jun 2017 16:36

Tgt Ion:278 Resp: 278787
Ion Ratio Lower Upper
278 100
139 23.1 16.6 24.8
279 23.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 35.13 ng

RT: 21.50 min Scan# 3386

Delta R.T. -0.00 min

Lab File: BF095786.D

Acq: 8 Jun 2017 16:36

Instrument :

BNA_F

ClientSampleId :

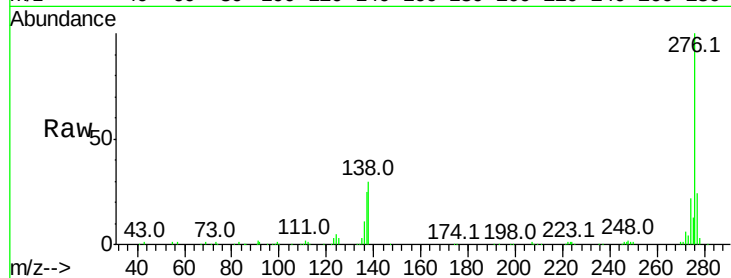
Tot Ion:276 Resp: 276995

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.3 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

