

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097354.D
 Acq On : 4 Aug 2017 14:22
 Operator : SJ/JU
 Sample : PB101182BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 16:56:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	90998	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	405383	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	173644	20.00	ng	0.00
63) Phenanthrene-d10	10.93	188	302180	20.00	ng	0.00
75) Chrysene-d12	13.56	240	201710	20.00	ng	0.00
86) Perylene-d12	14.89	264	172785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	580690	96.20	ng	0.01
7) Phenol-d6	6.11	99	617311	89.58	ng	0.00
23) Nitrobenzene-d5	7.02	82	574543	83.14	ng	0.00
41) 2,4,6-Tribromophenol	10.25	330	124631	90.84	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	947169	92.57	ng	0.00
78) Terphenyl-d14	12.52	244	799393	80.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	105526	41.891	ng	# 72
3) Pyridine	2.61	79	343689	44.556	ng	# 65
4) n-Nitrosodimethylamine	2.58	42	205150	48.007	ng	80
6) Aniline	6.10	93	317411	36.602	ng	91
8) 2-Chlorophenol	6.23	128	295393	45.765	ng	97
9) Benzaldehyde	5.98	77	147911	36.262	ng	96
10) Phenol	6.13	94	352148	43.081	ng	95
11) bis(2-Chloroethyl)ether	6.19	93	287469	44.466	ng	91
12) 1,3-Dichlorobenzene	6.37	146	296832	42.673	ng	98
13) 1,4-Dichlorobenzene	6.46	146	290325	42.116	ng	96
14) 1,2-Dichlorobenzene	6.61	146	258400	42.931	ng	99
15) Benzyl Alcohol	6.60	79	217245	49.792	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	566708	43.704	ng	59
17) 2-Methylphenol	6.73	107	227783	45.725	ng	# 88
18) Hexachloroethane	6.95	117	112969	44.795	ng	# 79
19) n-Nitroso-di-n-propylamine	6.87	70	206044	45.424	ng	# 82
20) 3+4-Methylphenols	6.89	107	320770	49.301	ng	# 61
22) Acetophenone	6.86	105	406235	41.729	ng	97
24) Nitrobenzene	7.03	77	297980	41.404	ng	94
25) Isophorone	7.27	82	484801	35.824	ng	97
26) 2-Nitrophenol	7.35	139	166738	42.823	ng	# 87
27) 2,4-Dimethylphenol	7.41	122	245842	38.276	ng	95
28) bis(2-Chloroethoxy)methane	7.49	93	340671	38.575	ng	99
29) 2,4-Dichlorophenol	7.60	162	244994	44.277	ng	97
30) 1,2,4-Trichlorobenzene	7.67	180	222283	42.146	ng	97
31) Naphthalene	7.75	128	782683	40.958	ng	99
32) Benzoic acid	7.58	122	169800	35.404	ng	91
33) 4-Chloroaniline	7.80	127	240450	30.924	ng	98
34) Hexachlorobutadiene	7.87	225	113159	40.471	ng	99
35) Caprolactam	8.19	113	51158	28.833	ng	# 59
36) 4-Chloro-3-methylphenol	8.32	107	268572	44.491	ng	90
37) 2-Methylnaphthalene	8.43	142	559888	46.275	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	189589	40.919	ng	99
40) Hexachlorocyclopentadiene	8.59	237	111697	69.852	ng	98

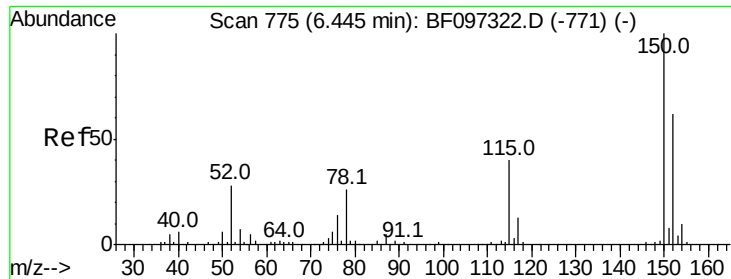
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
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 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	135811	40.449	ng	97
43) 2,4,5-Trichlorophenol	8.77	196	142319	42.348	ng	97
45) 1,1'-Biphenyl	8.90	154	592365	39.939	ng	98
46) 2-Chloronaphthalene	8.92	162	481710	44.135	ng	96
47) 2-Nitroaniline	9.03	65	185337	46.791	ng	96
48) Acenaphthylene	9.33	152	722997	43.157	ng	99
49) Dimethylphthalate	9.21	163	556128	42.175	ng	99
50) 2,6-Dinitrotoluene	9.27	165	123245	44.068	ng	# 89
51) Acenaphthene	9.50	154	411461	41.697	ng	98
52) 3-Nitroaniline	9.44	138	119791	34.508	ng	92
53) 2,4-Dinitrophenol	9.56	184	96675	76.026	ng	# 76
54) Dibenzofuran	9.67	168	650857	49.518	ng	95
55) 4-Nitrophenol	9.64	139	142055	68.812	ng	# 66
56) 2,4-Dinitrotoluene	9.68	165	164161	51.060	ng	# 74
57) Fluorene	10.01	166	486464	49.243	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	106247	45.788	ng	96
59) Diethylphthalate	9.90	149	583989	48.273	ng	99
60) 4-Chlorophenyl-phenylether	10.00	204	193192	47.358	ng	99
61) 4-Nitroaniline	10.05	138	155911	47.268	ng	95
62) Azobenzene	10.17	77	521656	46.482	ng	91
64) 4,6-Dinitro-2-methylphenol	10.09	198	81181	43.234	ng	91
65) n-Nitrosodiphenylamine	10.13	169	440542	41.900	ng	97
66) 4-Bromophenyl-phenylether	10.49	248	136504	45.265	ng	98
67) Hexachlorobenzene	10.56	284	141977	41.983	ng	# 92
68) Atrazine	10.67	200	140621	46.642	ng	96
69) Pentachlorophenol	10.76	266	94694	67.676	ng	96
70) Phenanthrene	10.96	178	727941	44.960	ng	99
71) Anthracene	11.02	178	738931	44.560	ng	99
72) Carbazole	11.17	167	760352	46.622	ng	99
73) Di-n-butylphthalate	11.52	149	861188	42.718	ng	98
74) Fluoranthene	12.14	202	771986	48.670	ng	98
76) Benzidine	12.27	184	388198	51.868	ng	# 92
77) Pyrene	12.36	202	768845	46.559	ng	100
79) Butylbenzylphthalate	13.00	149	382487	45.535	ng	# 83
80) Benzo(a)anthracene	13.54	228	580713	44.494	ng	99
81) 3,3'-Dichlorobenzidine	13.52	252	152465	30.978	ng	# 97
82) Chrysene	13.59	228	585151	45.915	ng	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	450950	41.117	ng	# 100
84) Di-n-octyl phthalate	14.16	149	756289	37.577	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.10	276	398511	36.467	ng	100
87) Benzo(b)fluoranthene	14.54	252	466329	44.898	ng	99
88) Benzo(k)fluoranthene	14.57	252	420465	42.482	ng	96
89) Benzo(a)pyrene	14.84	252	419096	44.088	ng	98
90) Dibenzo(a,h)anthracene	16.10	278	327400	41.999	ng	97
91) Benzo(g,h,i)perylene	16.45	276	351836	43.039	ng	96

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

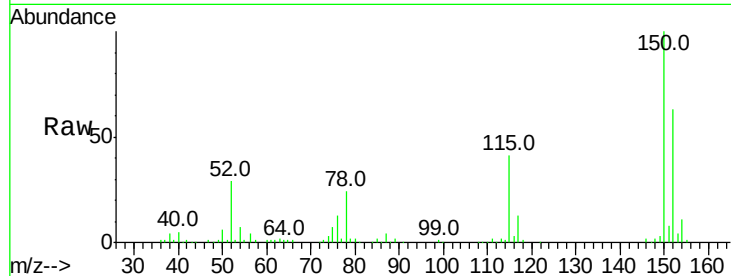


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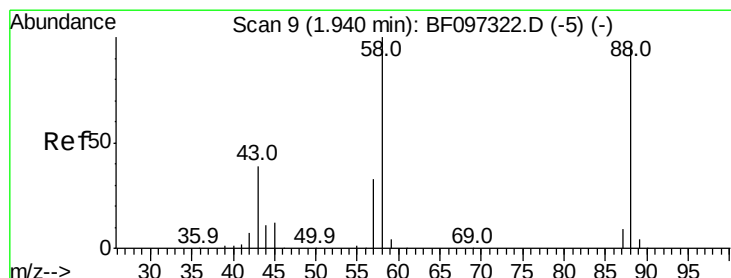
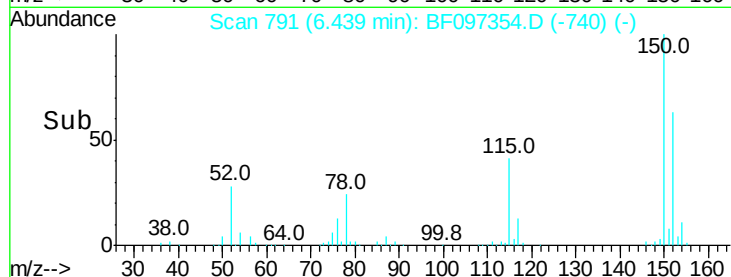
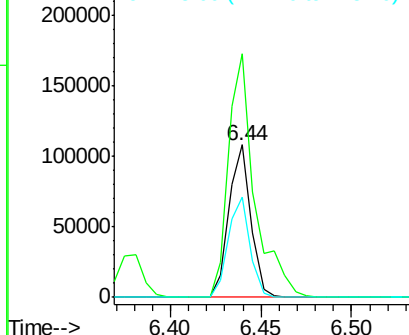
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90998
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 65.4 52.2 78.2



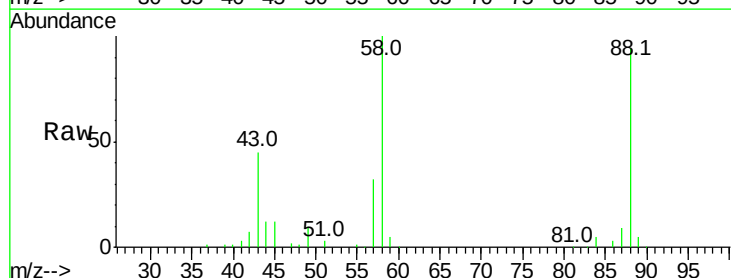
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



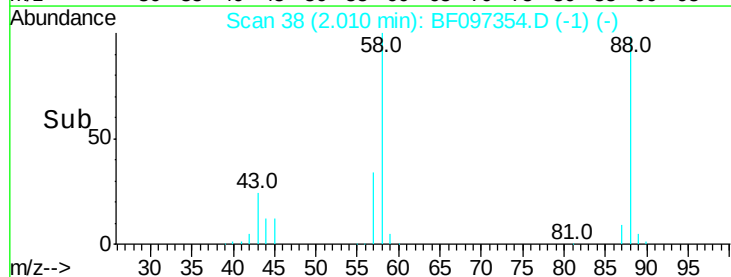
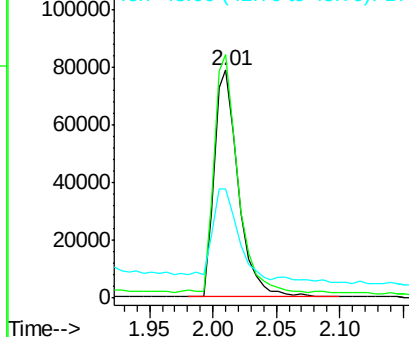
#2

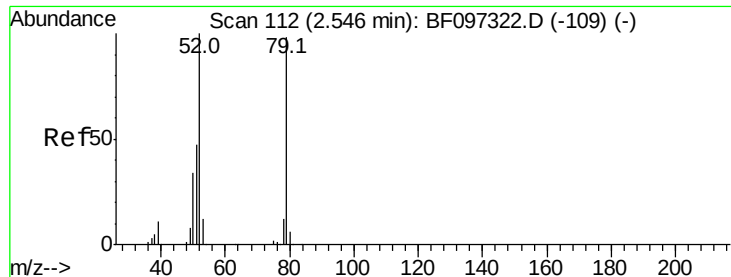
1,4-Dioxane
Concen: 41.891 ng
RT: 2.01 min Scan# 38
Delta R.T. 0.08 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion: 88 Resp: 105526
Ion Ratio Lower Upper
88 100
58 101.6 61.4 92.0#
43 42.9 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: 44.556 ng

RT: 2.61 min Scan# 140

Delta R.T. 0.07 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

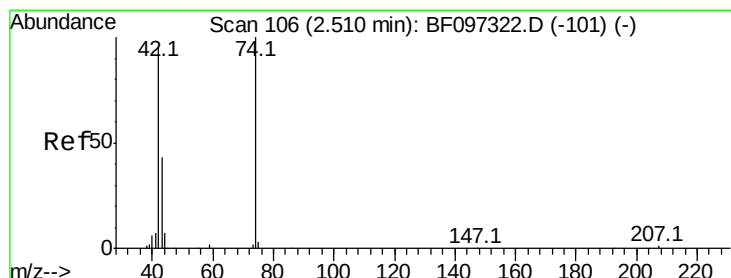
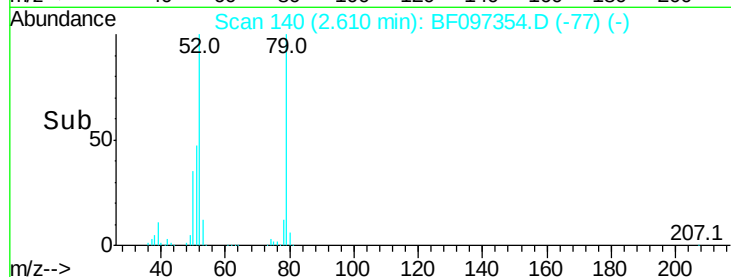
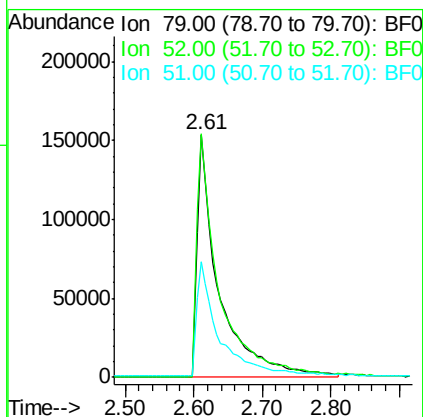
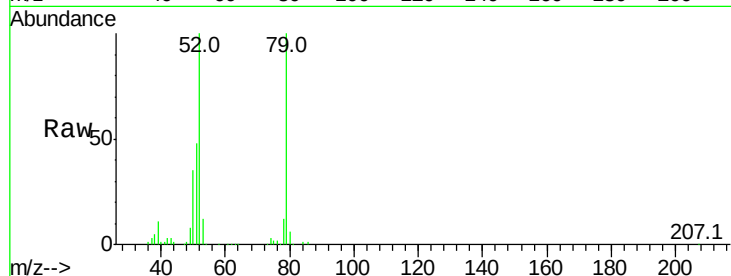
Tot Ion: 79 Resp: 343689

Ion Ratio Lower Upper

79 100

52 100.4 54.8 82.2#

51 47.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 48.007 ng

RT: 2.58 min Scan# 134

Delta R.T. 0.08 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

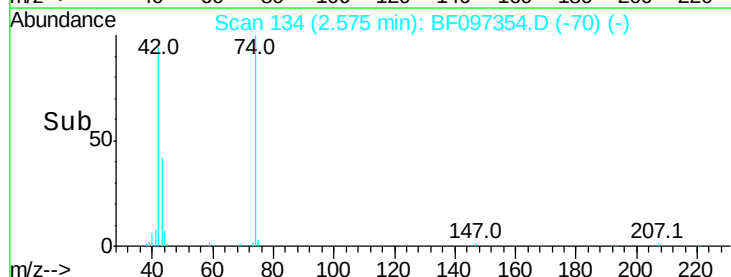
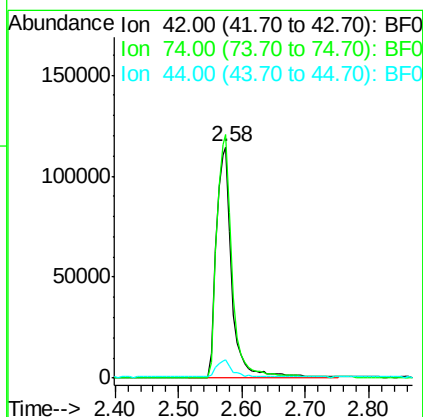
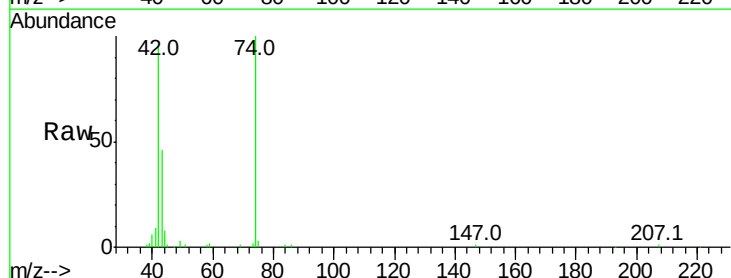
Tgt Ion: 42 Resp: 205150

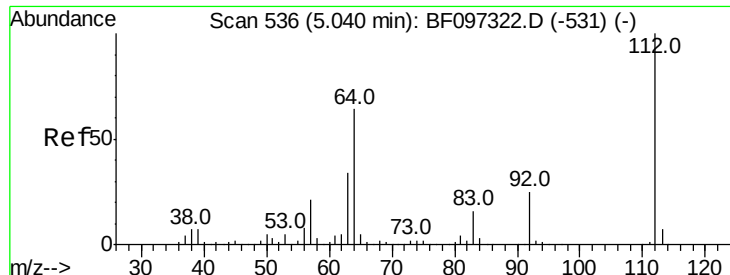
Ion Ratio Lower Upper

42 100

74 105.3 103.9 155.9

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 96.198 ng

RT: 5.05 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampled :

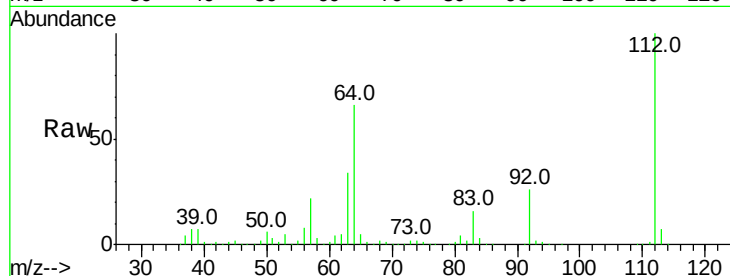
Tot Ion:112 Resp: 580690

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

63 34.2 23.4 35.0

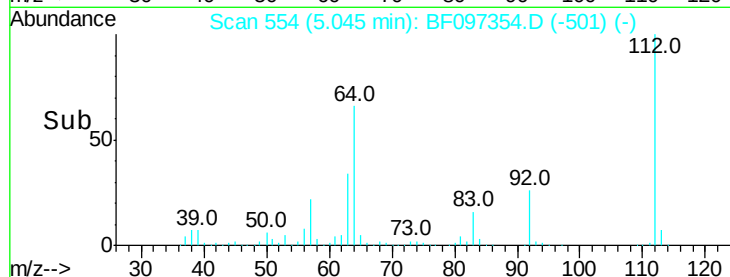


Abundance Ion 112.00 (111.70 to 112.70): E

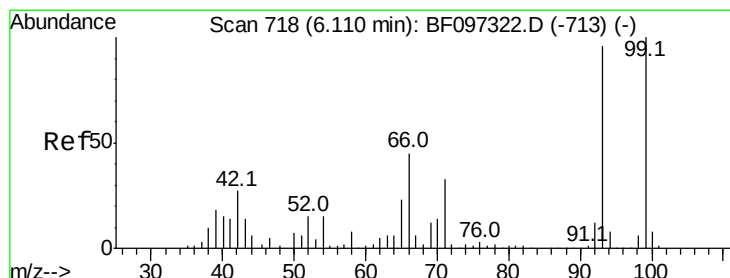
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 36.602 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

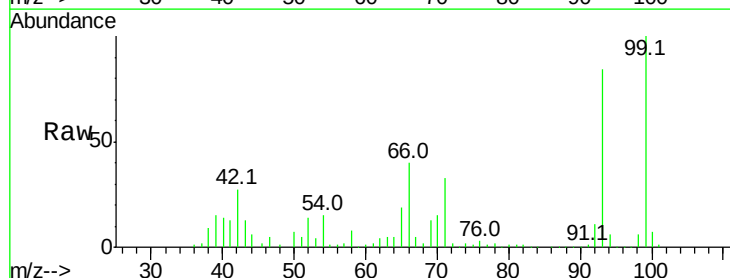
Tgt Ion: 93 Resp: 317411

Ion Ratio Lower Upper

93 100

66 47.5 32.9 49.3

65 22.7 16.0 24.0

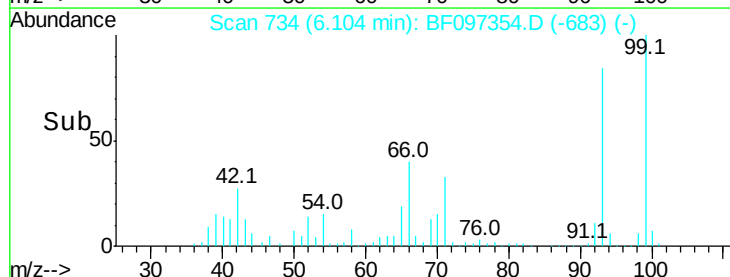


Abundance Ion 93.00 (92.70 to 93.70): BF0

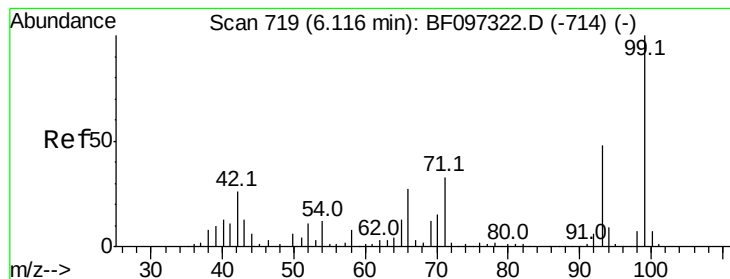
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 89.579 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

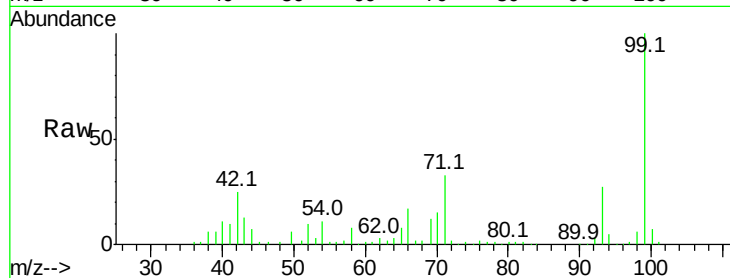
Tot Ion: 99 Resp: 617311

Ion Ratio Lower Upper

99 100

42 25.1 13.5 20.3#

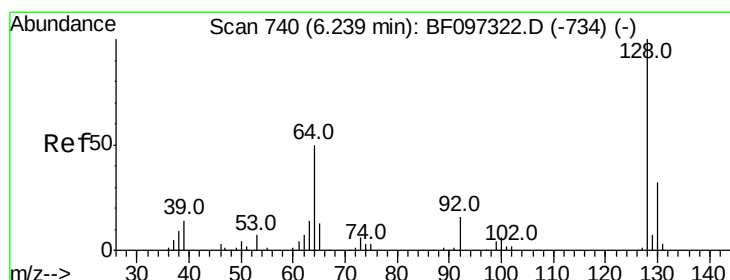
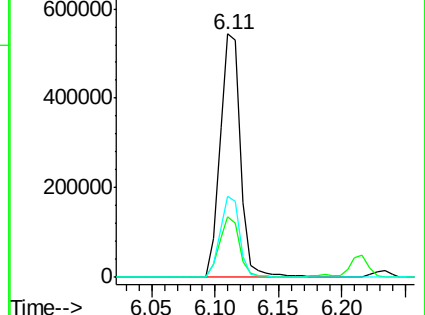
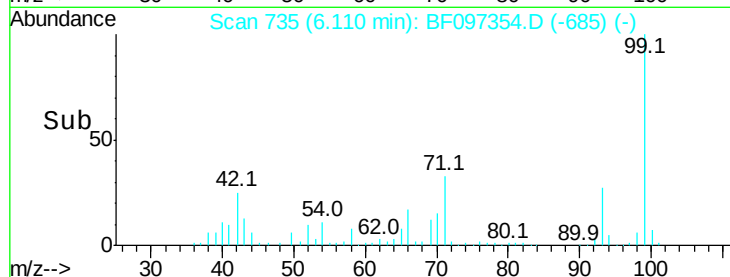
71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.765 ng

RT: 6.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

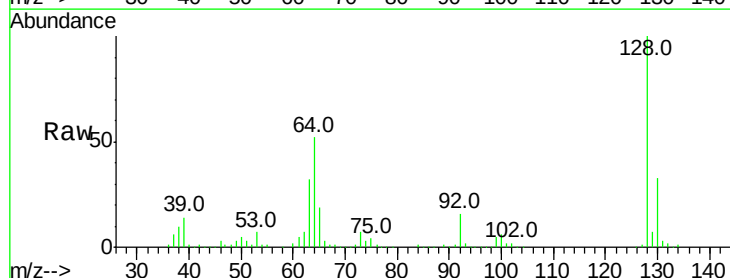
Tgt Ion:128 Resp: 295393

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

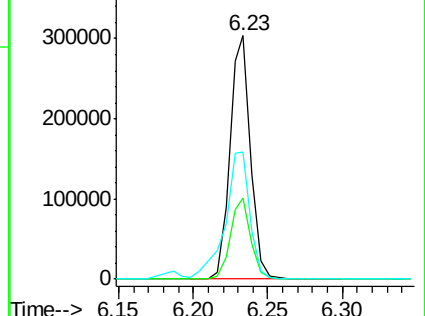
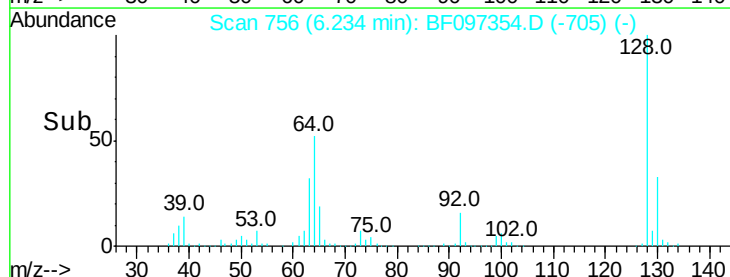
64 52.1 28.4 68.4

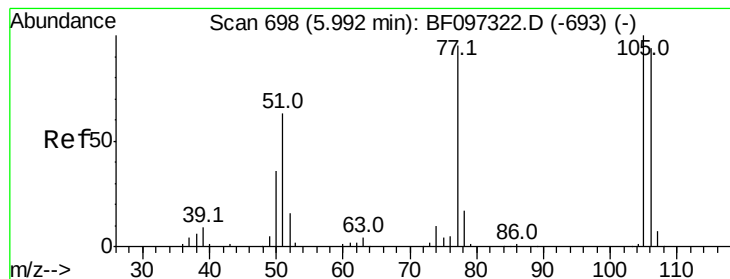


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.262 ng

RT: 5.98 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

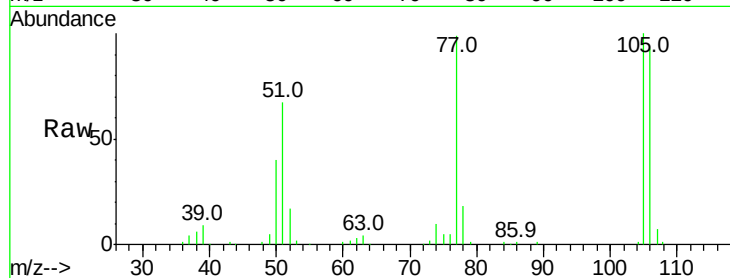
Tot Ion: 77 Resp: 147911

Ion Ratio Lower Upper

77 100

105 101.4 83.8 123.8

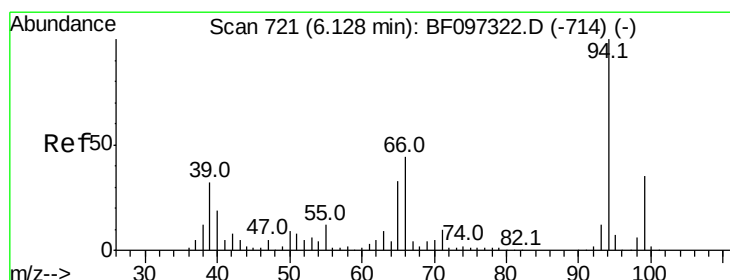
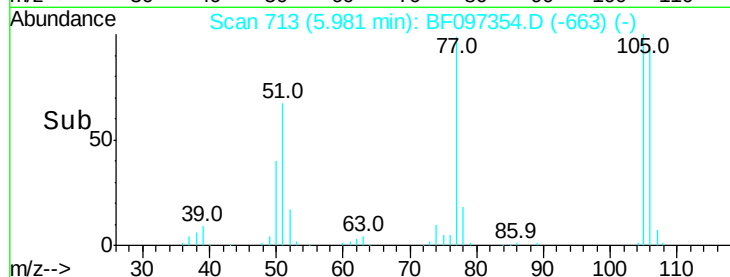
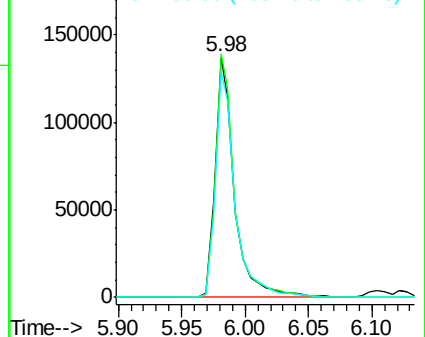
106 94.3 79.1 119.1



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: 43.081 ng

RT: 6.13 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

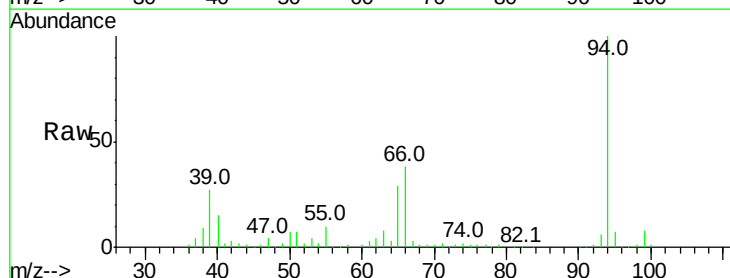
Tgt Ion: 94 Resp: 352148

Ion Ratio Lower Upper

94 100

65 29.4 9.9 49.9

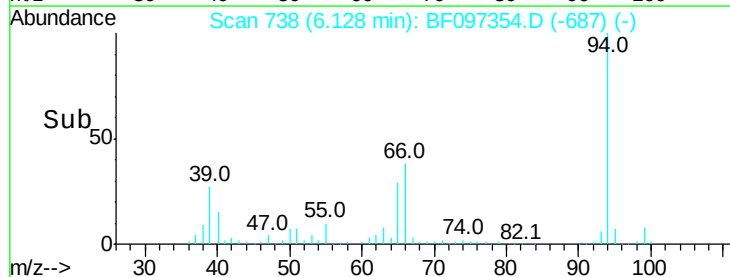
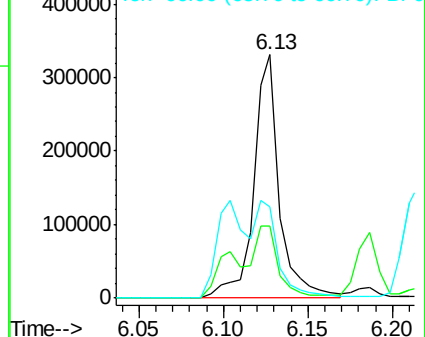
66 37.6 23.1 63.1

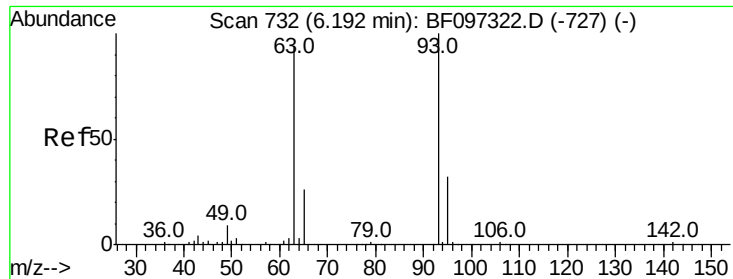


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.466 ng

RT: 6.19 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

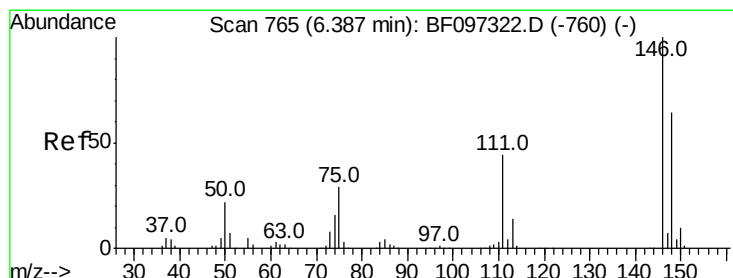
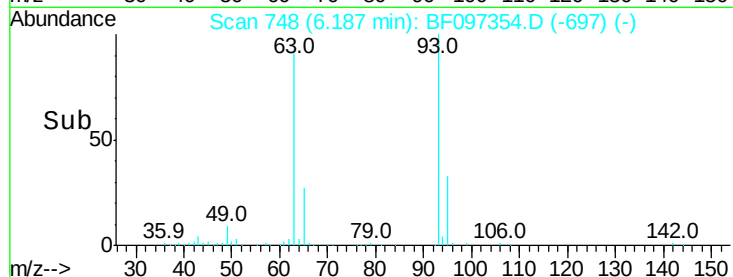
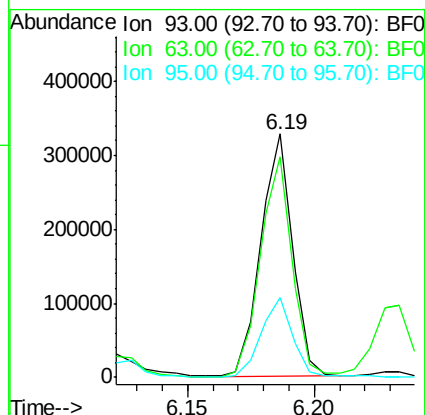
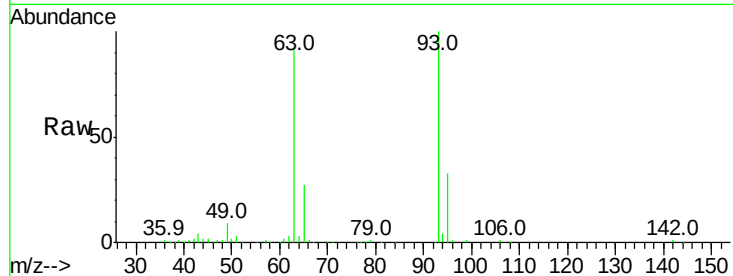
Tot Ion: 93 Resp: 287469

Ion Ratio Lower Upper

93 100

63 90.7 59.2 99.2

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.673 ng

RT: 6.37 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

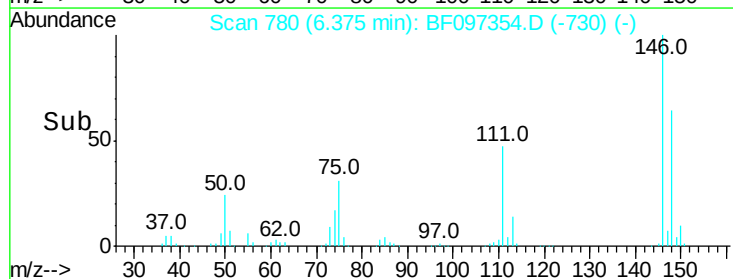
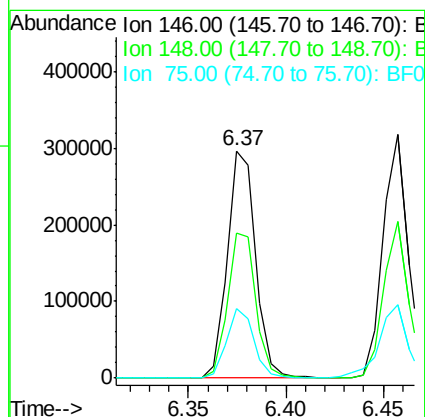
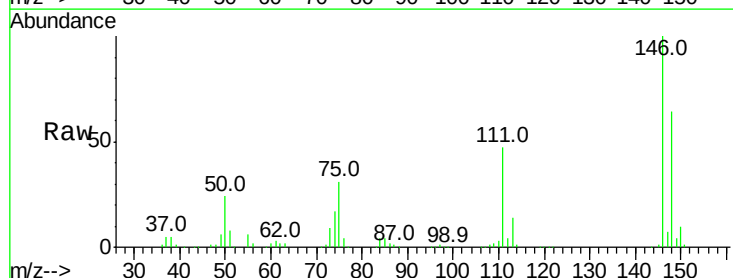
Tgt Ion: 146 Resp: 296832

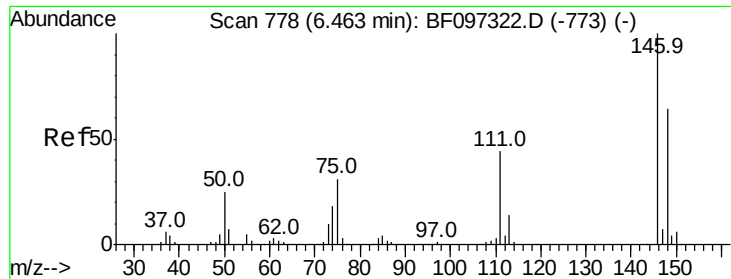
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 30.7 23.1 34.7

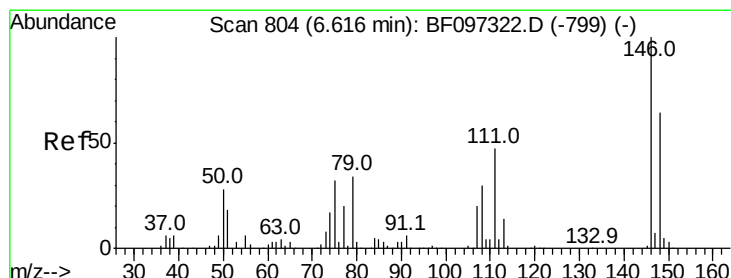
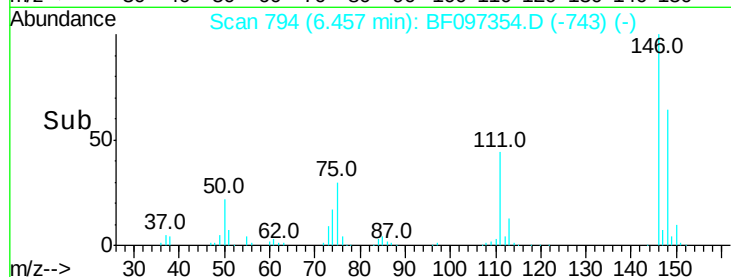
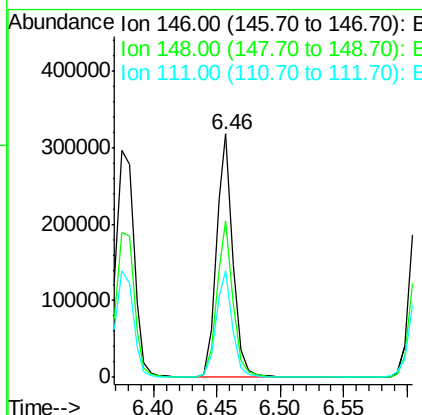
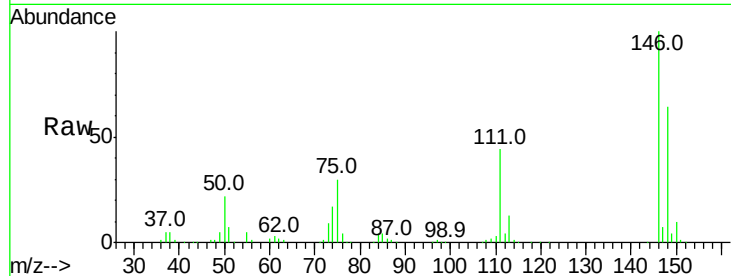




#13
 1,4-Dichlorobenzene
 Concen: 42.116 ng
 RT: 6.46 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

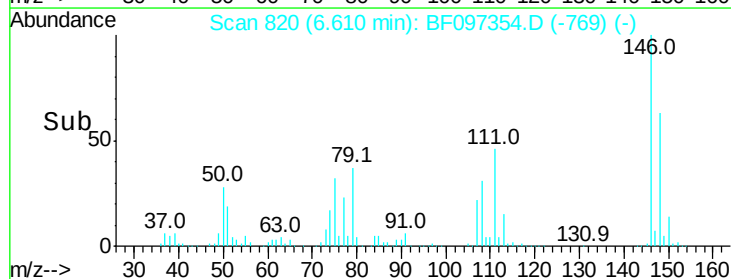
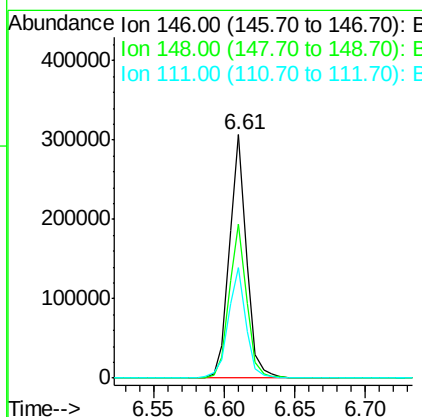
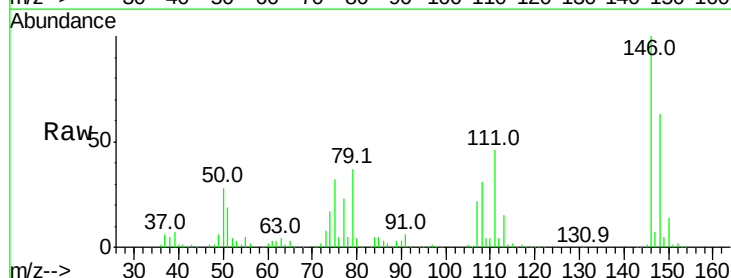
Instrument :
 BNA_F
 ClientSampleId :

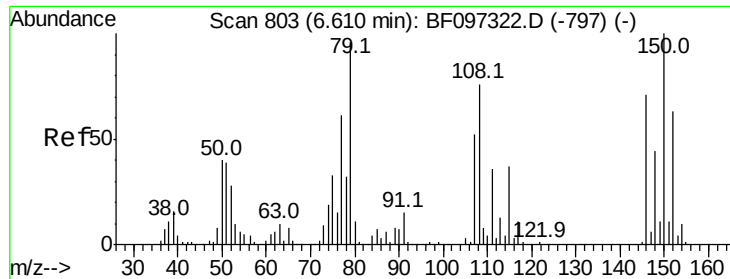
Tot Ion:146 Resp: 290325
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 44.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.931 ng
 RT: 6.61 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:146 Resp: 258400
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 45.6 38.2 57.4

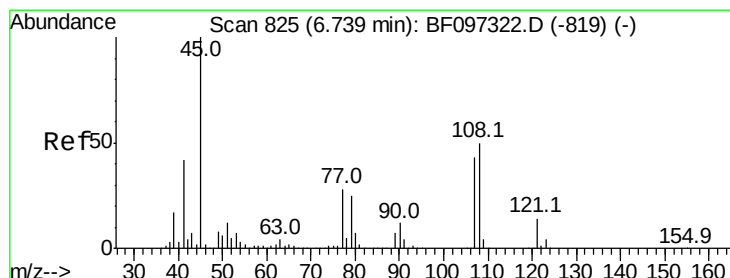
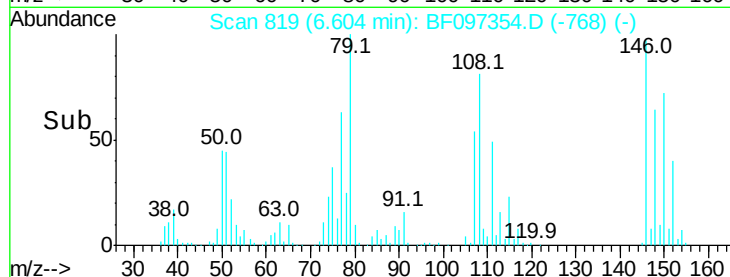
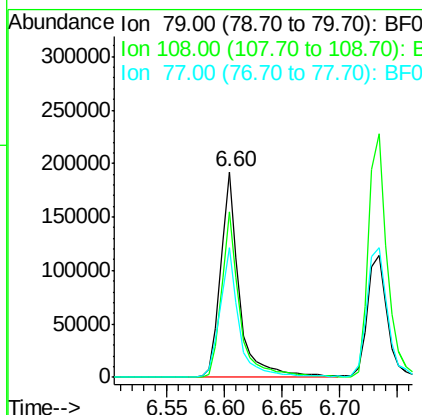
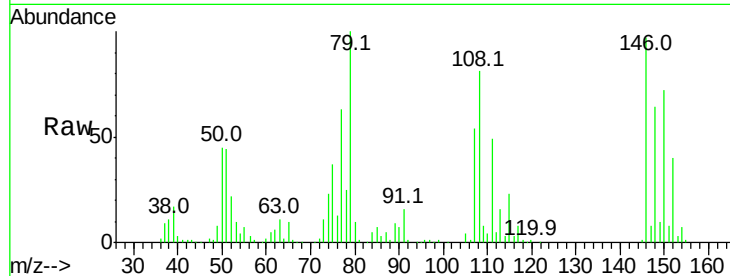




#15
Benzyl Alcohol
Concen: 49.792 ng
RT: 6.60 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

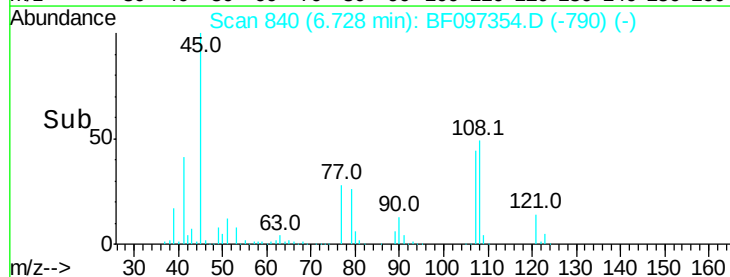
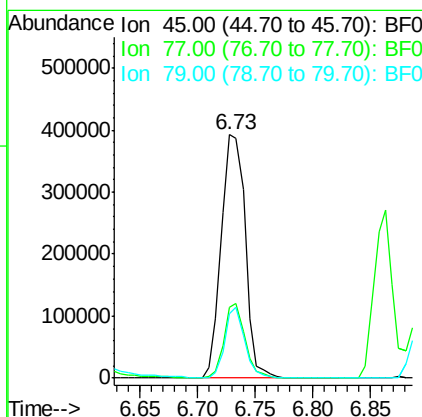
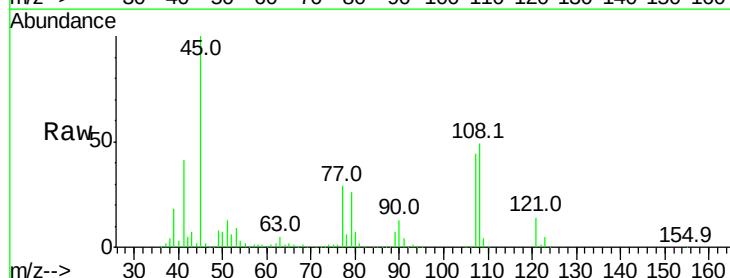
Instrument :
BNA_F
ClientSampleId :

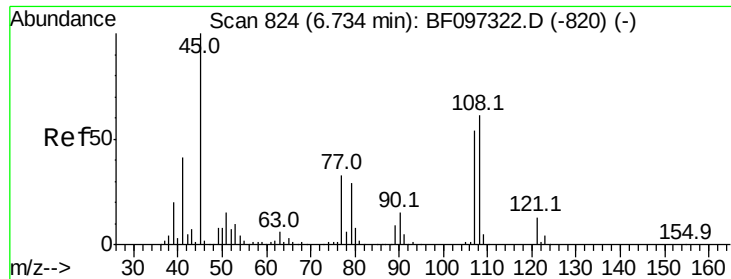
Tot Ion: 79 Resp: 217245
Ion Ratio Lower Upper
79 100
108 80.9 63.4 95.0
77 63.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.704 ng
RT: 6.73 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion: 45 Resp: 566708
Ion Ratio Lower Upper
45 100
77 28.9 0.0 33.2
79 26.4 0.0 30.0

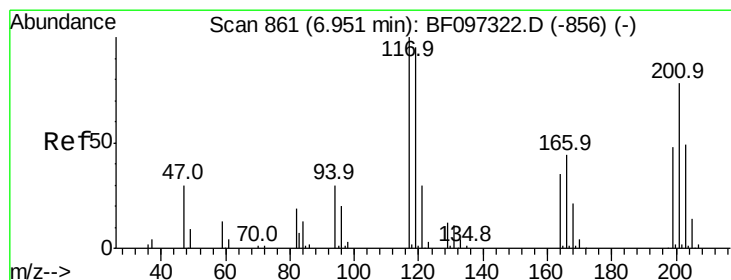
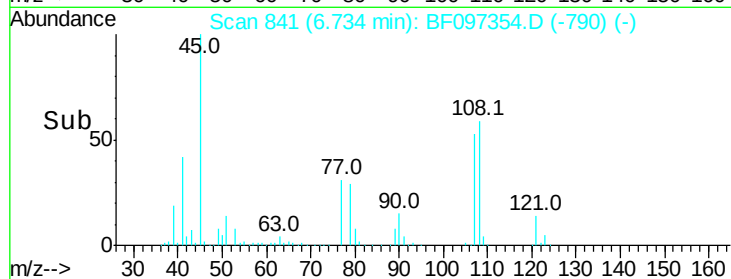
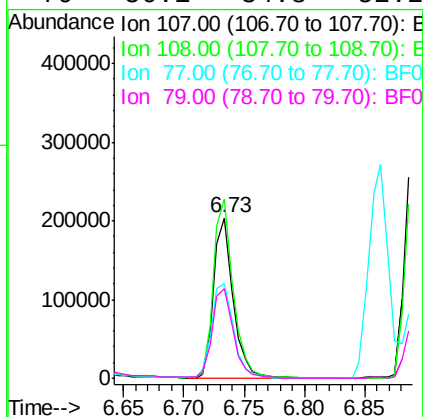
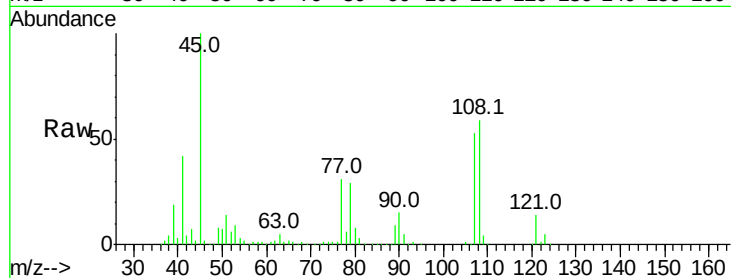




#17
2-Methylphenol
Concen: 45.725 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

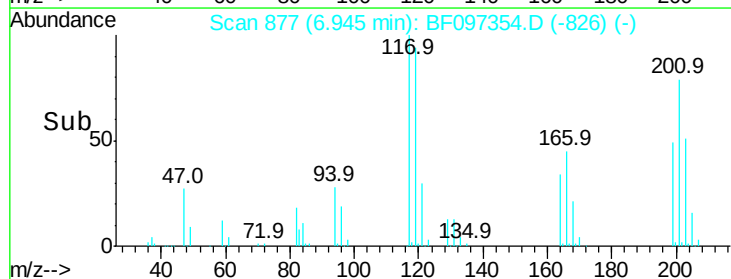
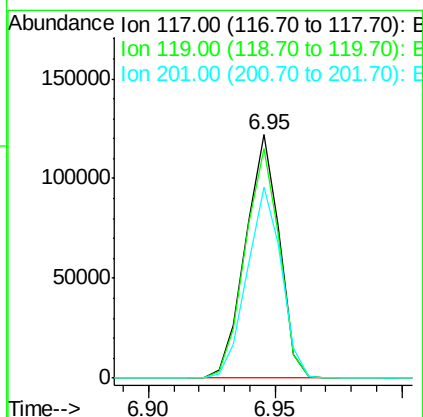
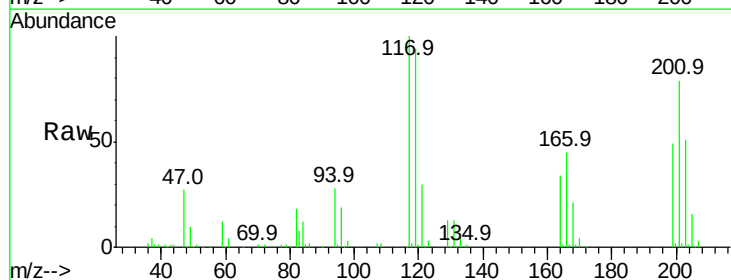
Instrument :
BNA_F
ClientSampleId :

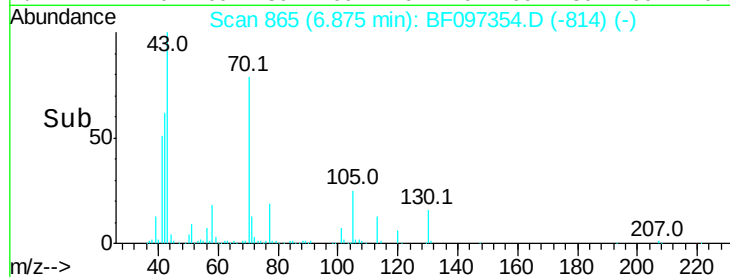
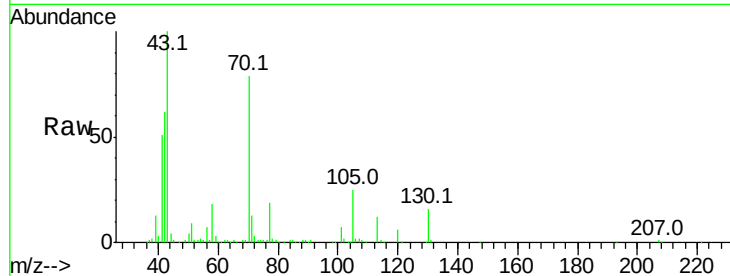
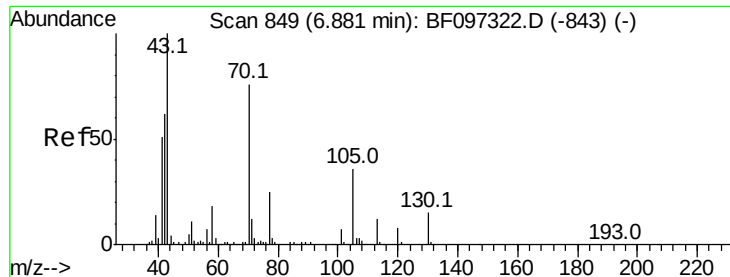
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	93.4	140.0
77	59.5	35.8	53.6#
79	56.1	34.8	52.2#



#18
Hexachloroethane
Concen: 44.795 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
201	78.6	94.6	141.8#

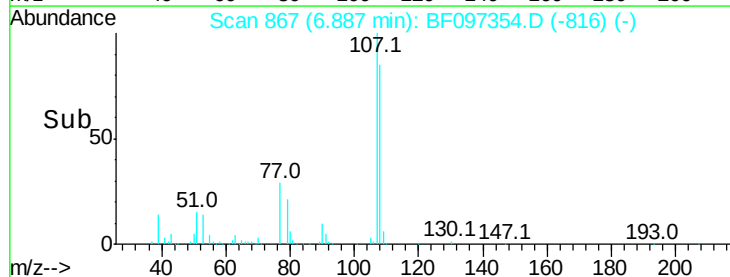
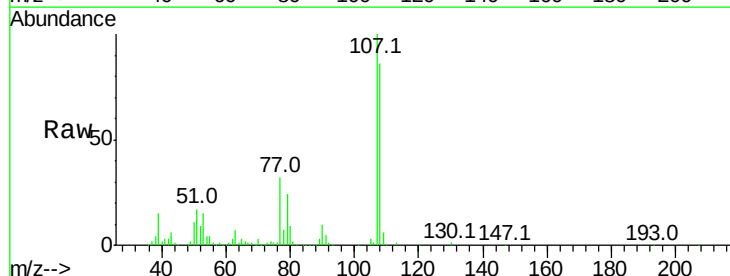
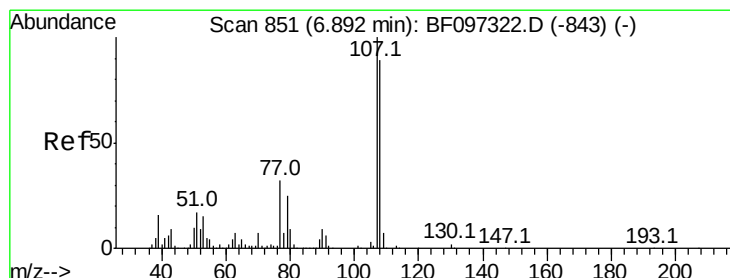
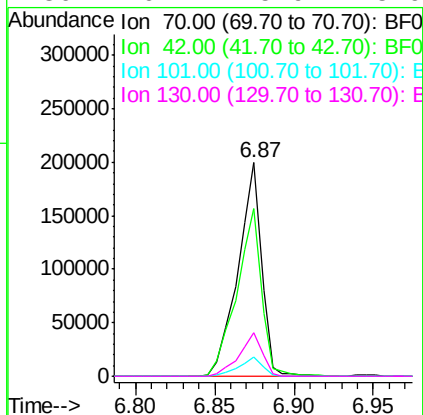




#19
n-Nitroso-di-n-propylamine
Concen: 45.424 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

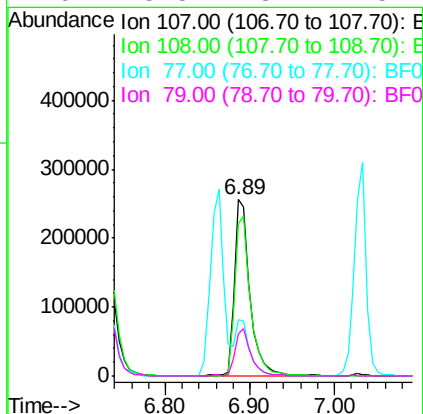
Instrument :
BNA_F
ClientSampleId :

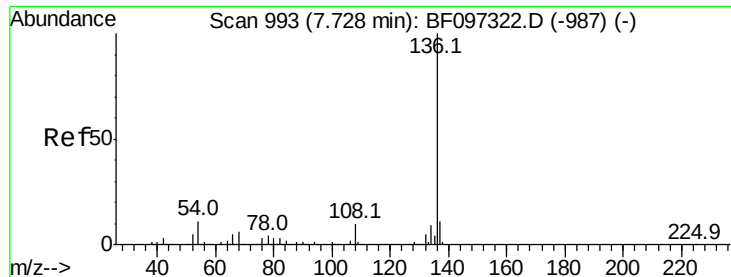
Tot Ion:	70	Resp:	206044
Ion	Ratio	Lower	Upper
70	100		
42	78.6	47.2	70.8#
101	9.3	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 49.301 ng
RT: 6.89 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion:	107	Resp:	320770
Ion	Ratio	Lower	Upper
107	100		
108	86.2	71.0	111.0
77	32.1	90.5	130.5#
79	23.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 405383

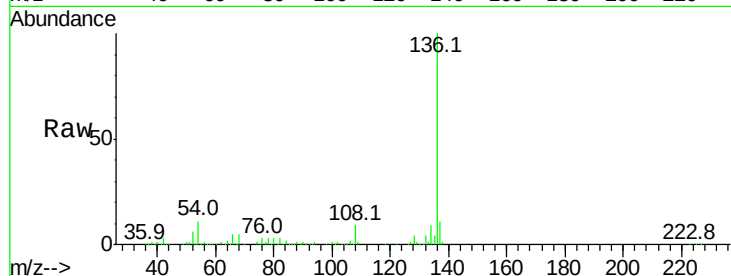
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 5.1 4.1 6.1

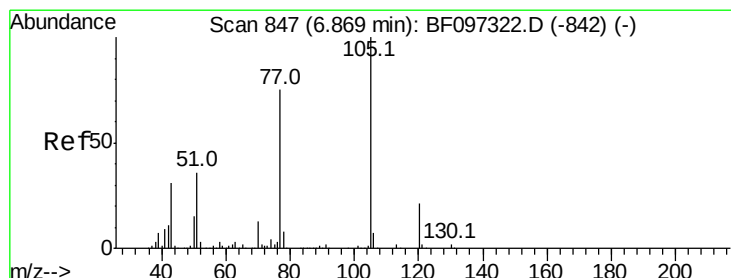
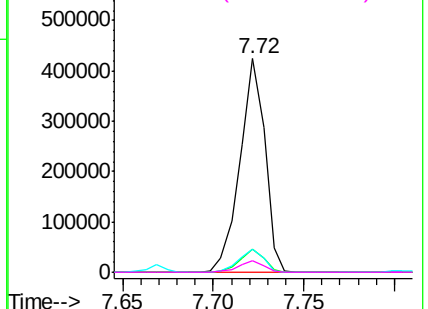
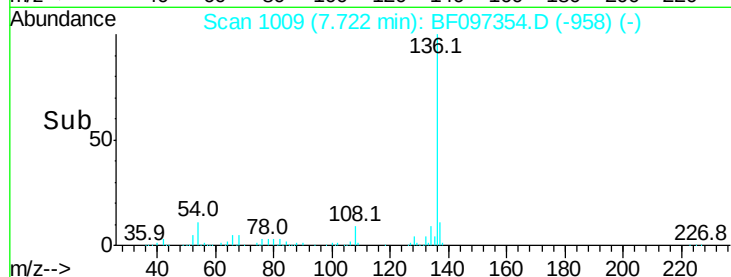


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.729 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:105 Resp: 406235

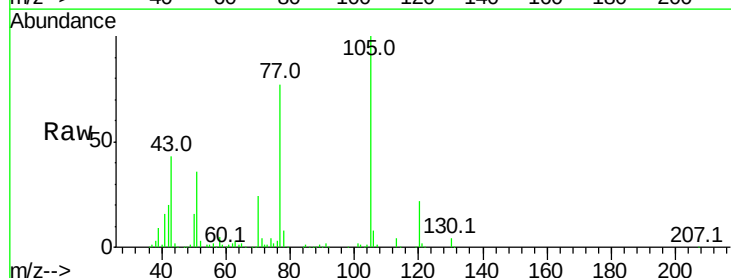
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 35.6 30.7 46.1

120 21.8 17.4 26.0

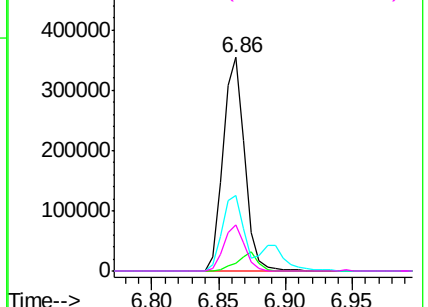
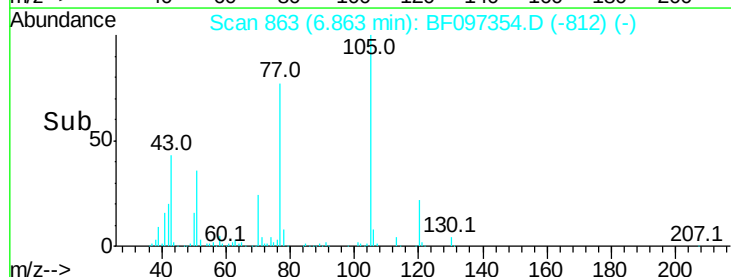


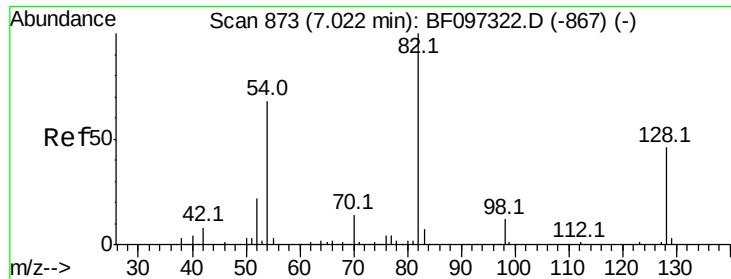
Abundance Ion 105.00 (104.70 to 105.70): E

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

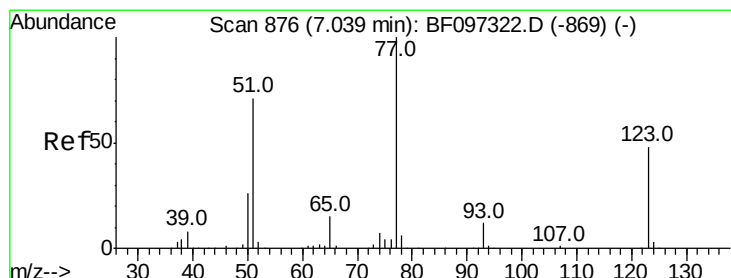
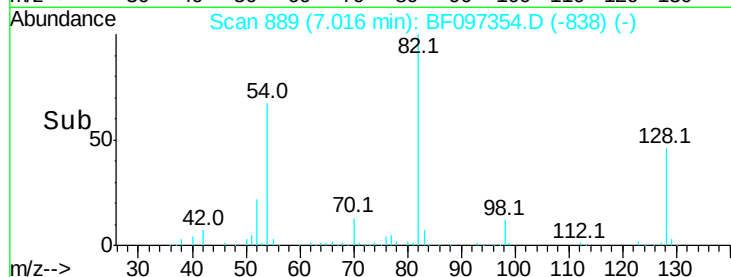
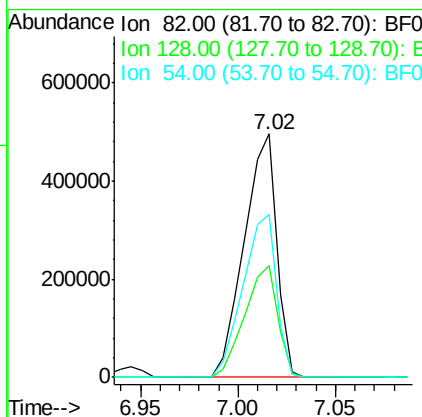
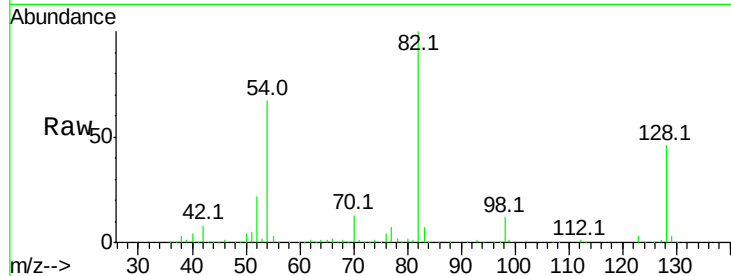




#23
Nitrobenzene-d5
Concen: 83.144 ng
RT: 7.02 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

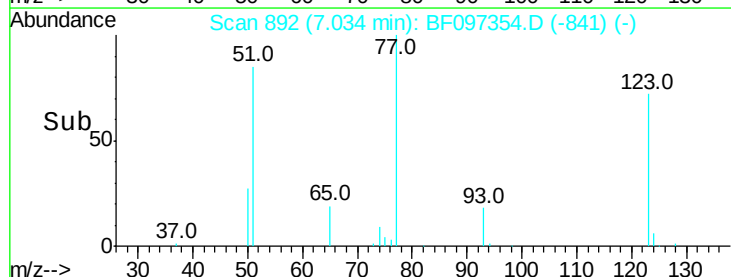
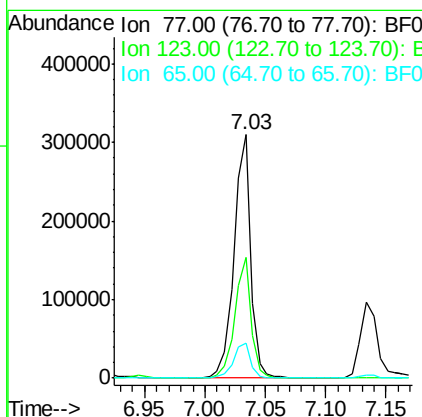
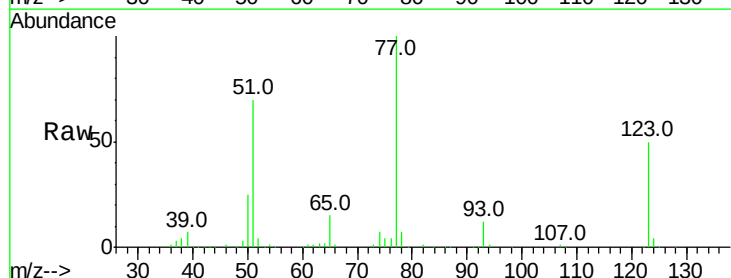
Instrument :
BNA_F
ClientSampleId :

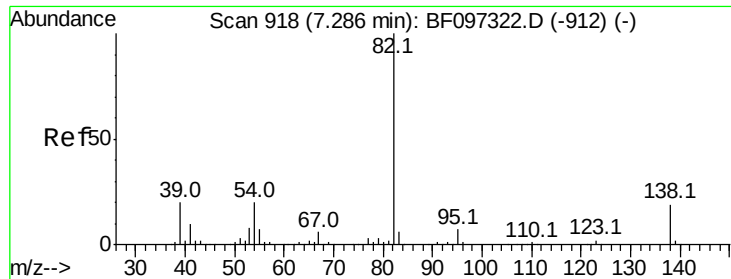
Tot Ion: 82 Resp: 574543
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 66.8 42.2 63.2#



#24
Nitrobenzene
Concen: 41.404 ng
RT: 7.03 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion: 77 Resp: 297980
Ion Ratio Lower Upper
77 100
123 49.6 35.8 53.8
65 14.6 10.6 15.8





#25

Isophorone

Concen: 35.824 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

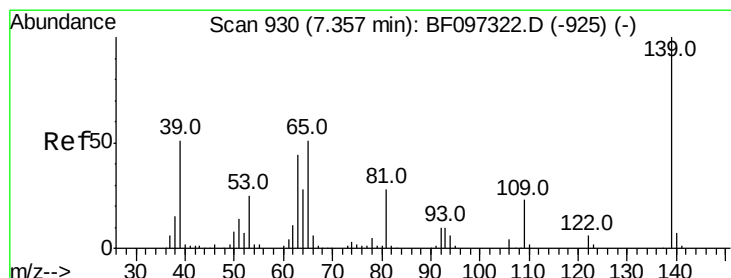
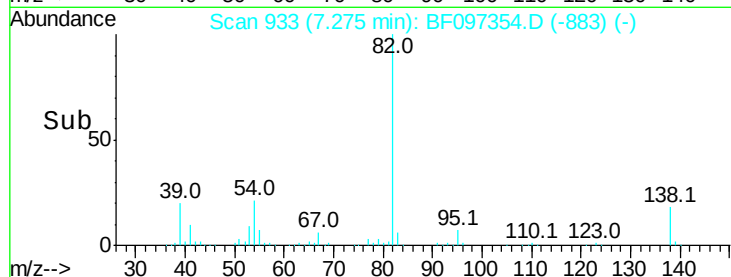
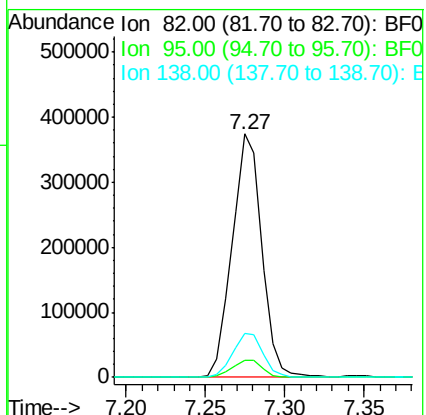
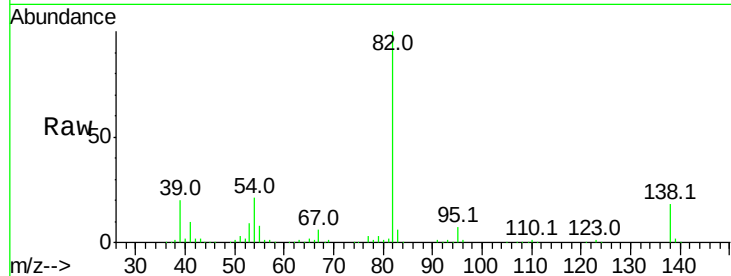
Tot Ion: 82 Resp: 484801

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 42.823 ng

RT: 7.35 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

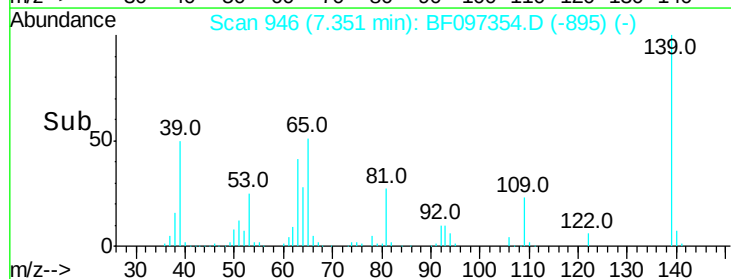
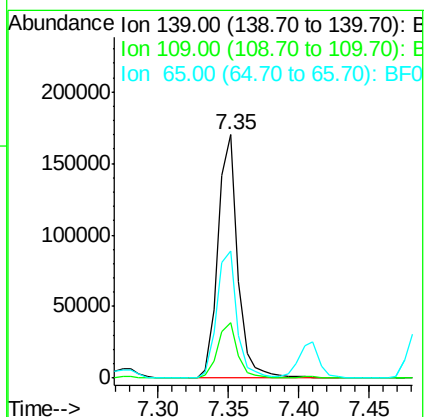
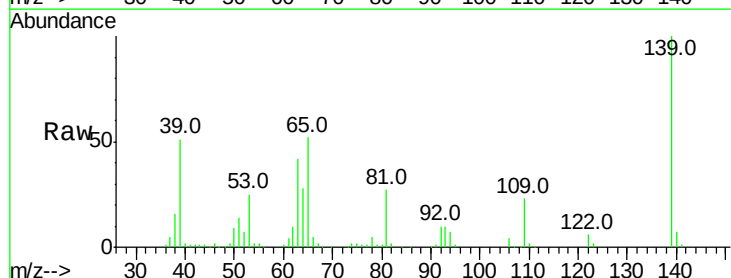
Tgt Ion:139 Resp: 166738

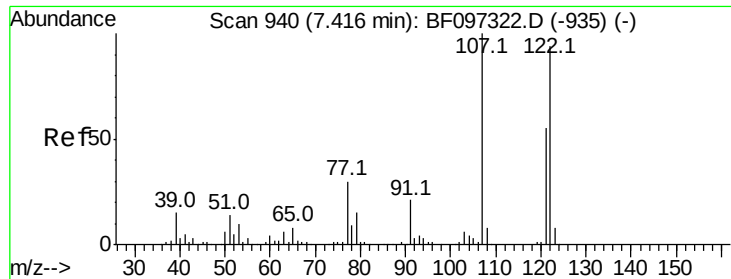
Ion Ratio Lower Upper

139 100

109 22.7 21.0 31.6

65 52.0 33.0 49.6#

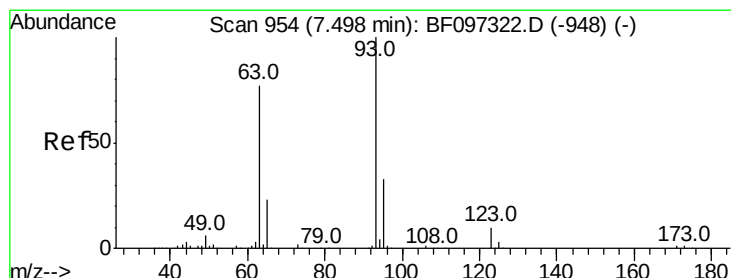
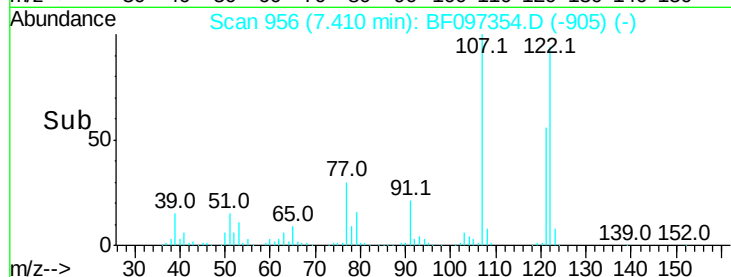
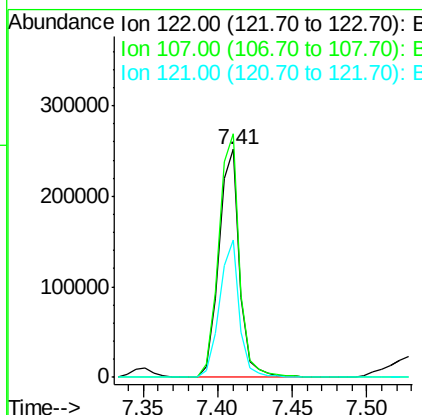
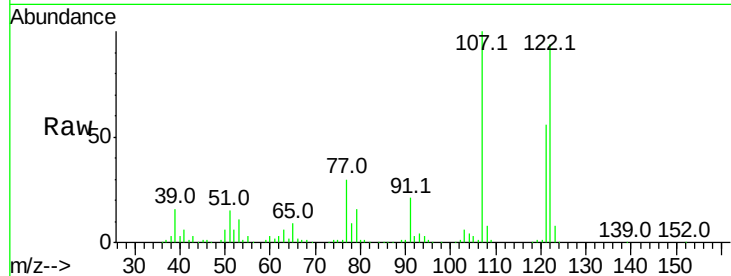




#27
 2,4-Dimethylphenol
 Concen: 38.276 ng
 RT: 7.41 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

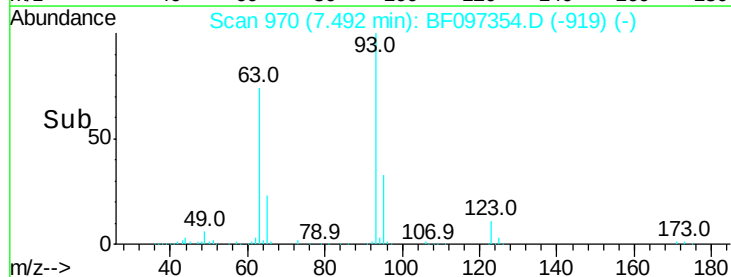
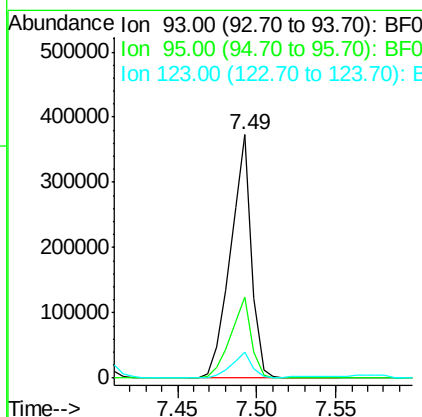
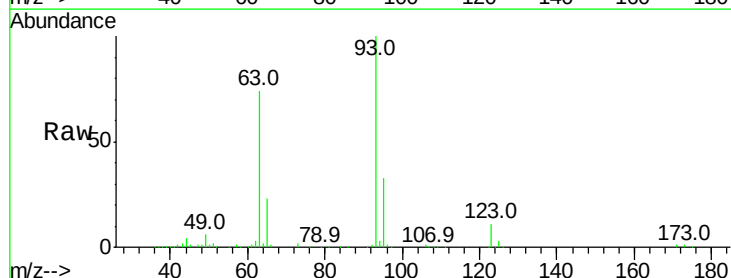
Instrument :
 BNA_F
 ClientSampleId :

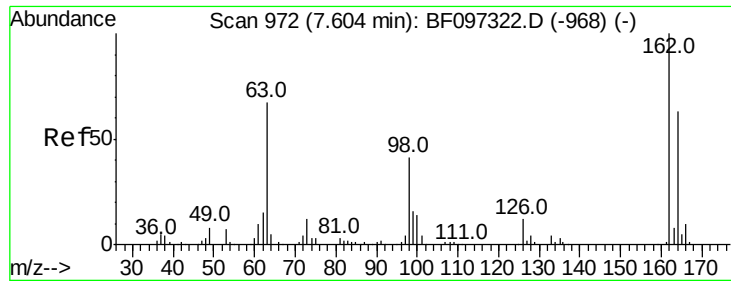
Tot Ion:122 Resp: 245842
 Ion Ratio Lower Upper
 122 100
 107 106.8 89.2 133.8
 121 60.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.575 ng
 RT: 7.49 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion: 93 Resp: 340671
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 10.6 9.0 13.4

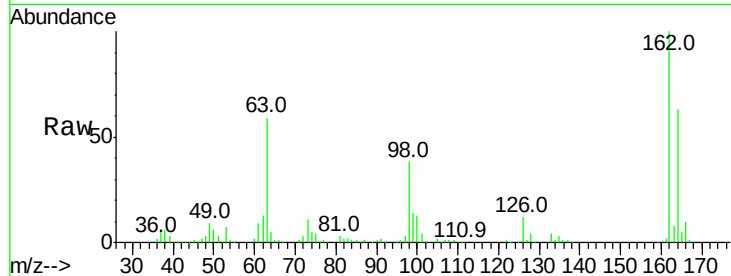




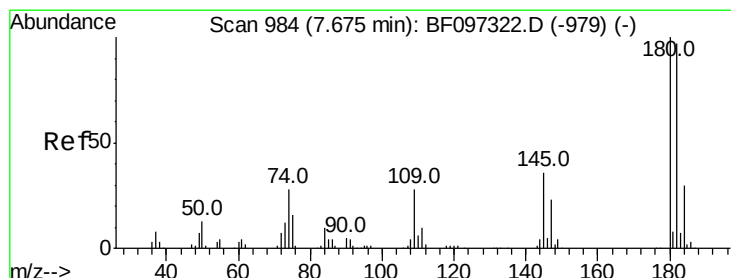
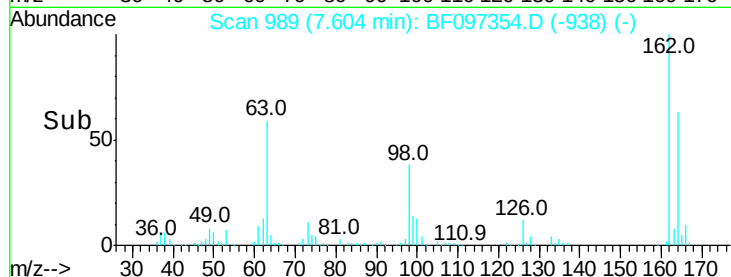
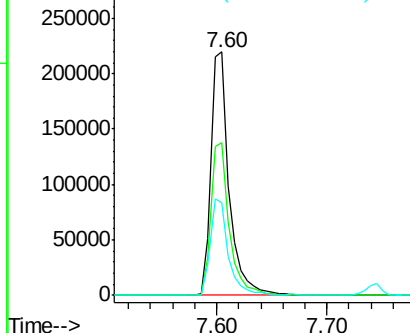
#29
 2,4-Dichlorophenol
 Concen: 44.277 ng
 RT: 7.60 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	37.8	14.8	54.8

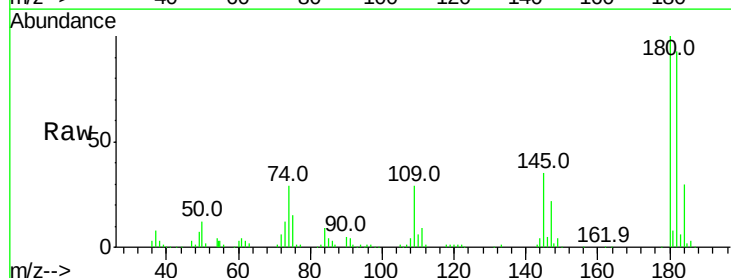


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

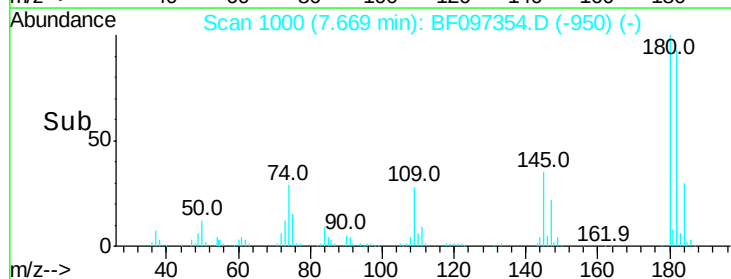
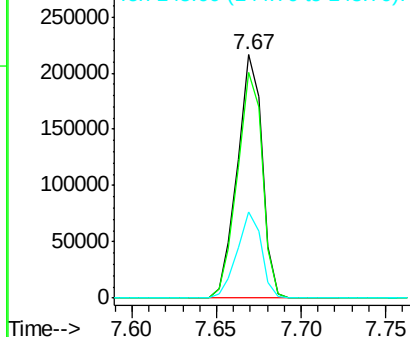


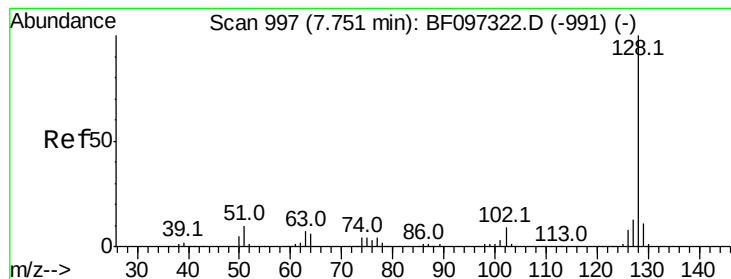
#30
 1,2,4-Trichlorobenzene
 Concen: 42.146 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.8	113.6
145	35.4	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: 40.958 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

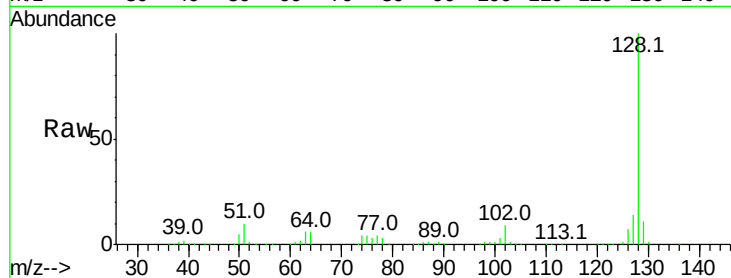
Tot Ion:128 Resp: 782683

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

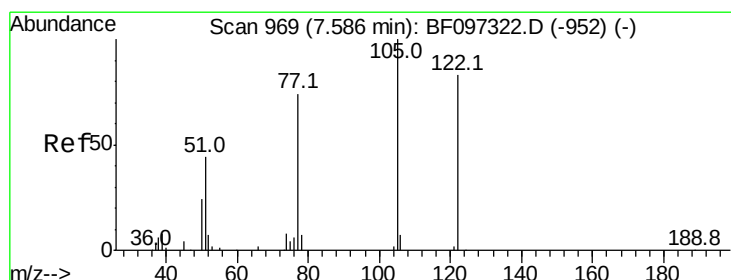
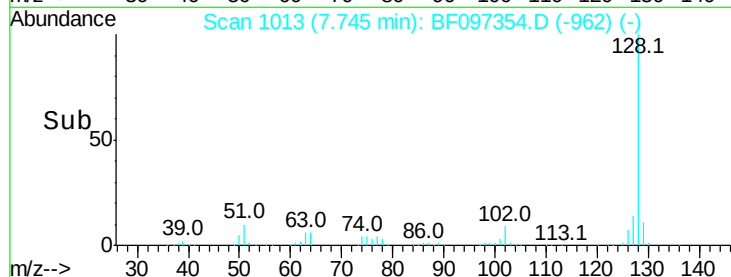
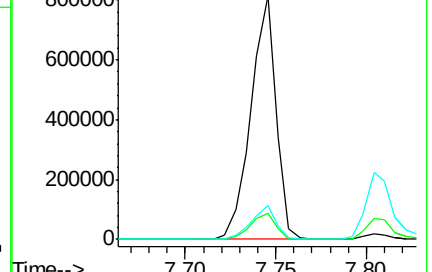
127 13.6 10.8 16.2



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: 35.404 ng

RT: 7.58 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

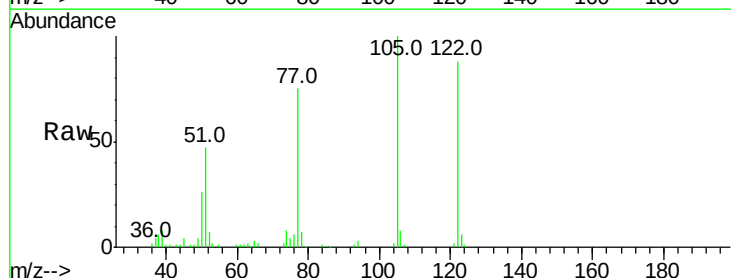
Tgt Ion:122 Resp: 169800

Ion Ratio Lower Upper

122 100

105 113.9 103.3 143.3

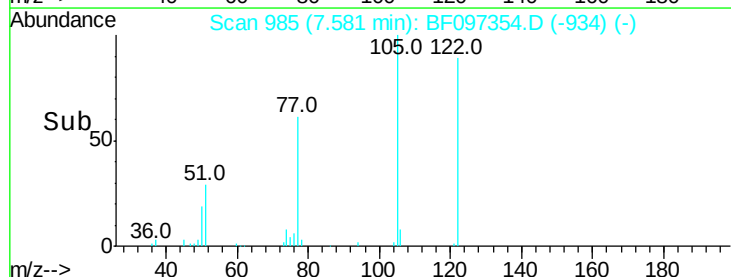
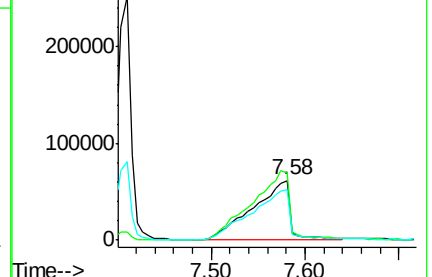
77 84.9 73.7 113.7

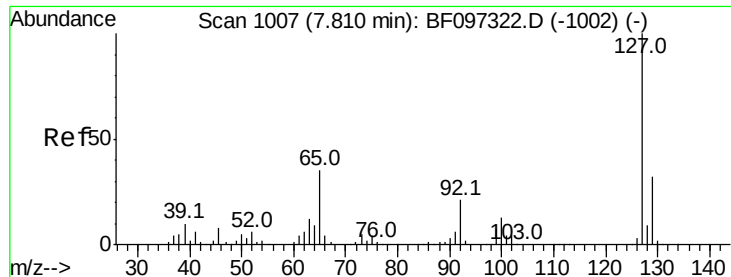


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

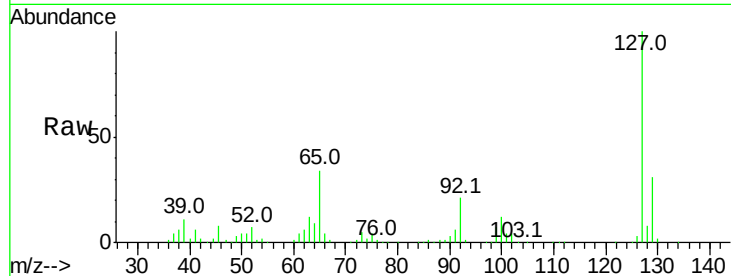




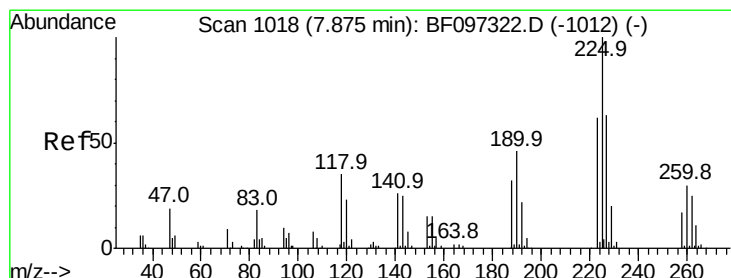
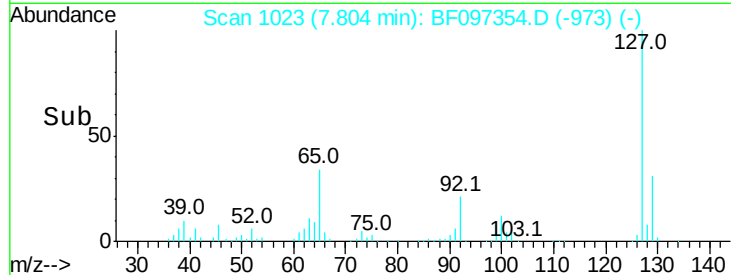
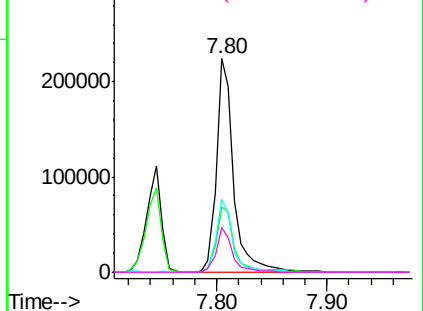
#33
4-Chloroaniline
Concen: 30.924 ng
RT: 7.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	240450
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	34.5	27.8	41.8
92	20.8	16.8	25.2

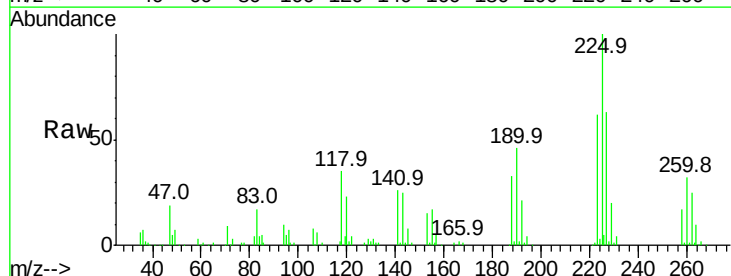


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

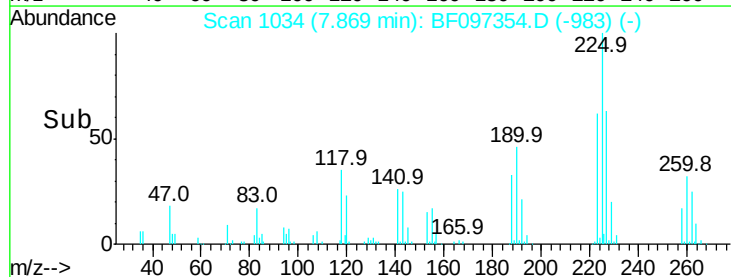
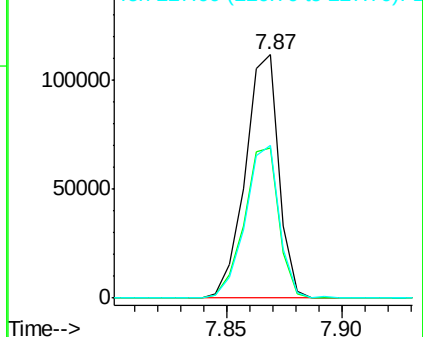


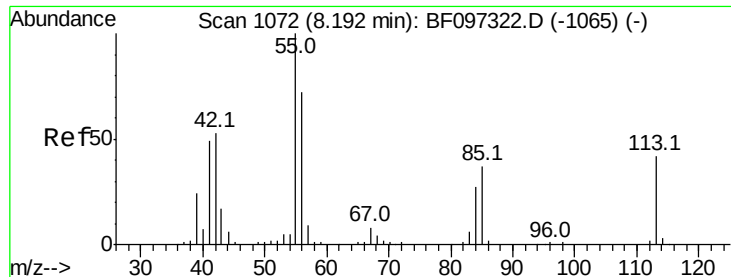
#34
Hexachlorobutadiene
Concen: 40.471 ng
RT: 7.87 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion:	225	Resp:	113159
Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.8	73.2
227	62.8	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

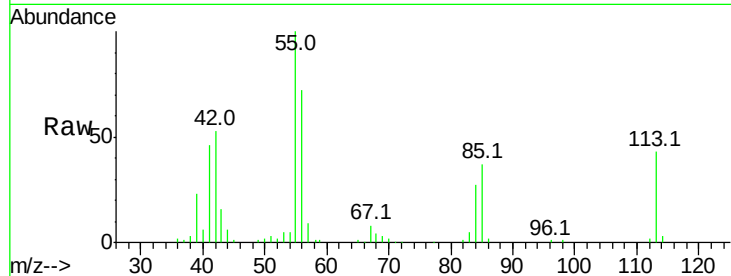




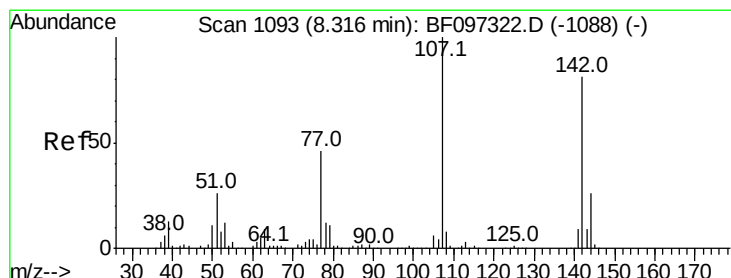
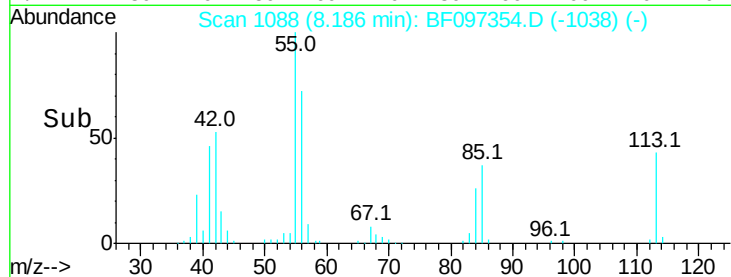
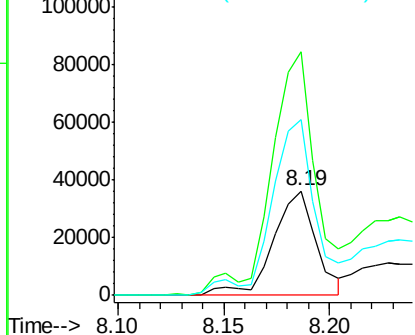
#35
 Caprolactam
 Concen: 28.833 ng
 RT: 8.19 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 51158
 Ion Ratio Lower Upper
 113 100
 55 232.6 150.2 190.2#
 56 167.9 107.8 147.8#

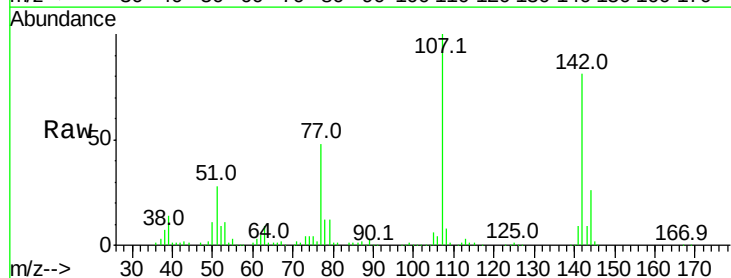


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

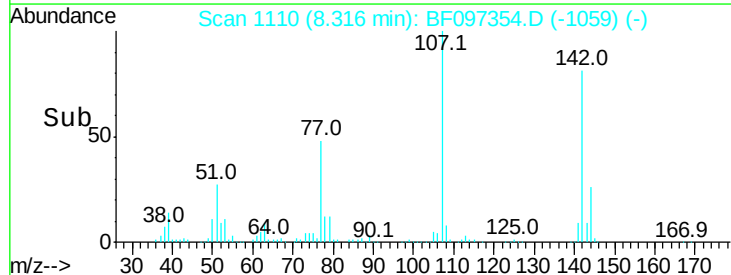
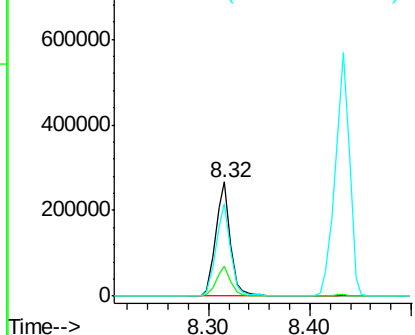


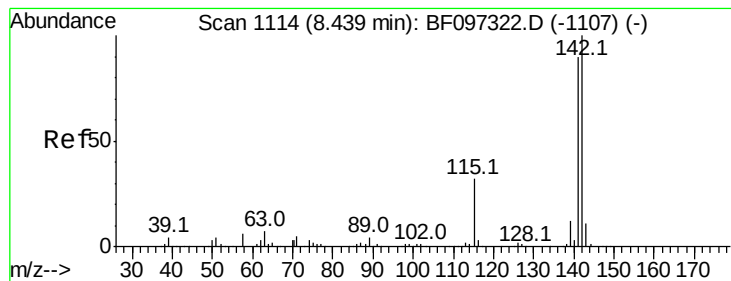
#36
 4-Chloro-3-methylphenol
 Concen: 44.491 ng
 RT: 8.32 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:107 Resp: 268572
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.7 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: 46.275 ng

RT: 8.43 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

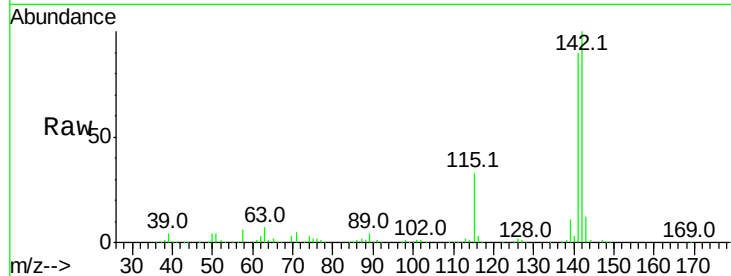
Tot Ion:142 Resp: 559888

Ion Ratio Lower Upper

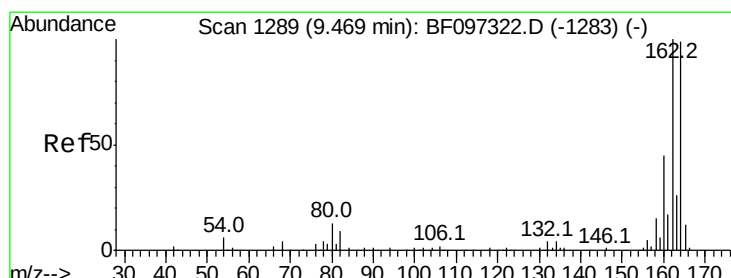
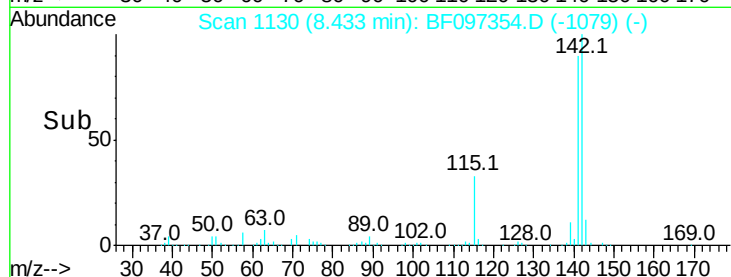
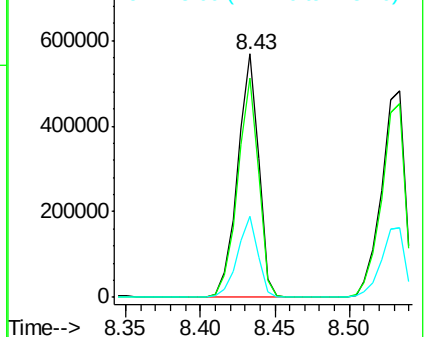
142 100

141 90.1 71.3 106.9

115 33.4 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

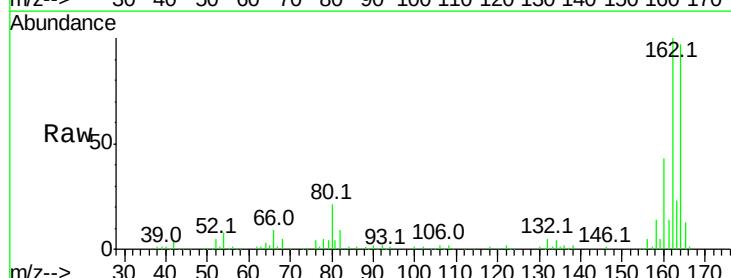
Tgt Ion:164 Resp: 173644

Ion Ratio Lower Upper

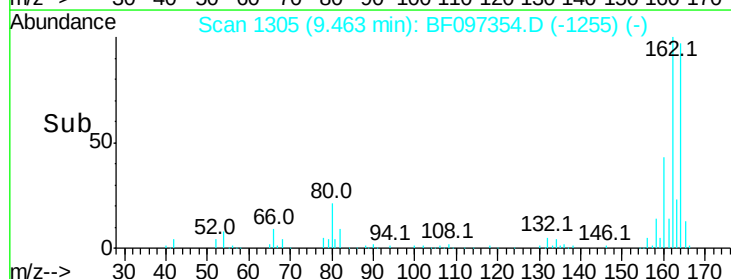
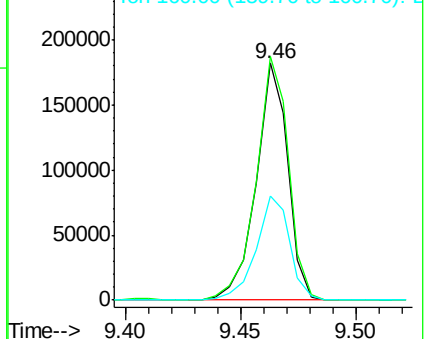
164 100

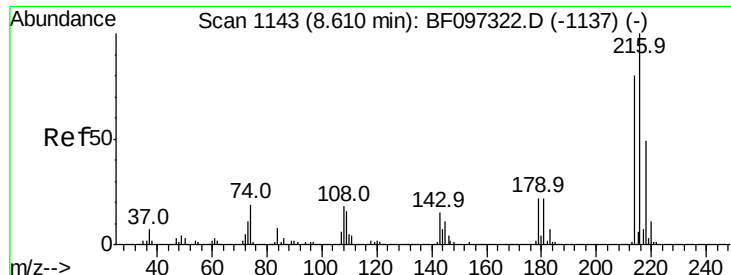
162 102.8 82.6 123.8

160 43.8 36.2 54.2



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

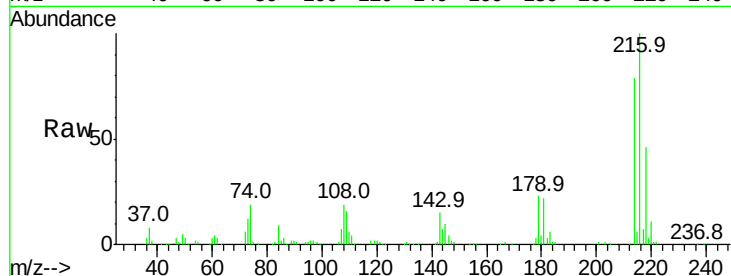




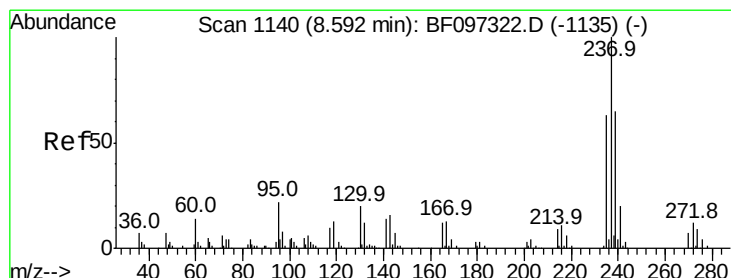
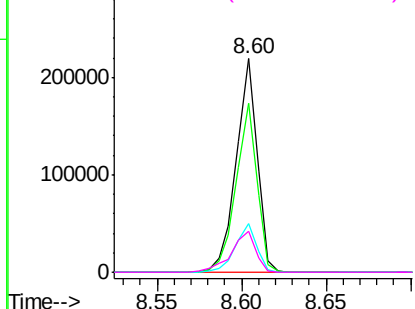
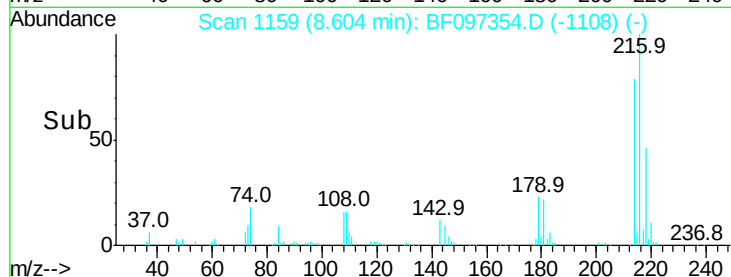
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.919 ng
 RT: 8.60 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	189589
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	22.9	17.9	26.9
108	22.3	16.5	24.7

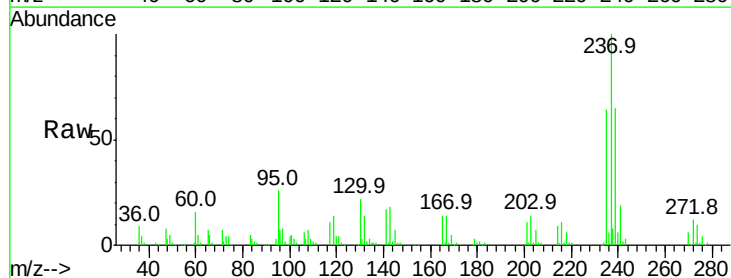


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

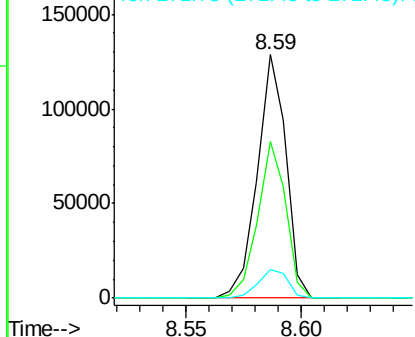
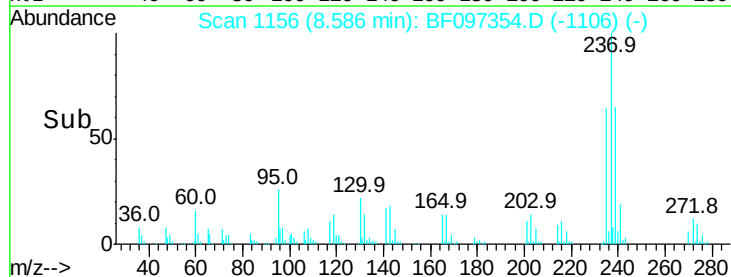


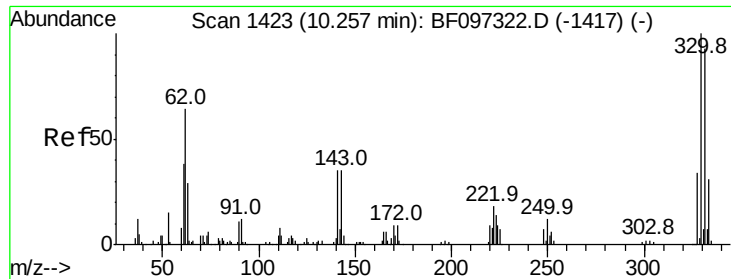
#40
 Hexachlorocyclopentadiene
 Concen: 69.852 ng
 RT: 8.59 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:	237	Resp:	111697
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	11.8	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

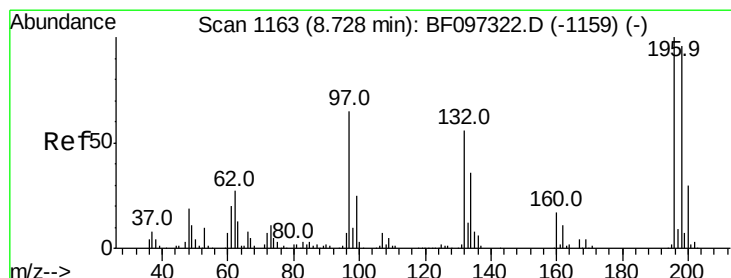
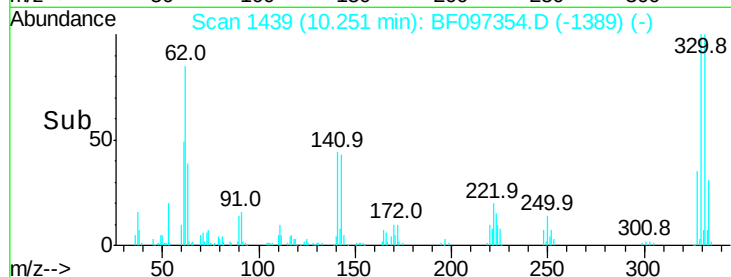
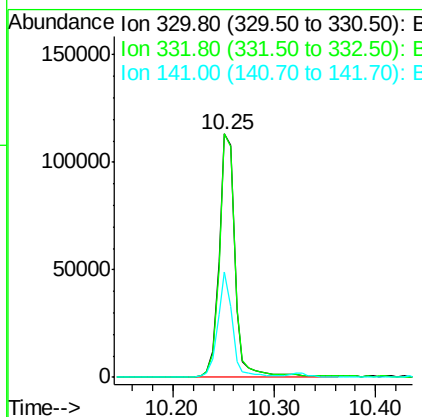
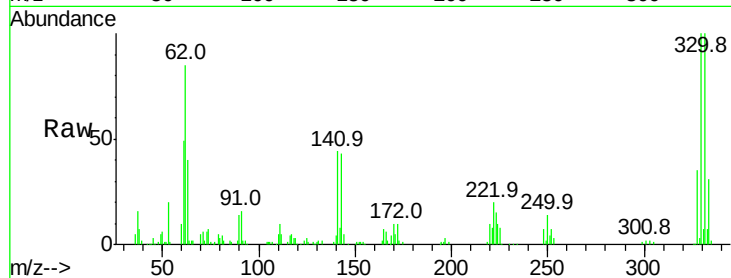




#41
 2,4,6-Tribromophenol
 Concen: 90.842 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

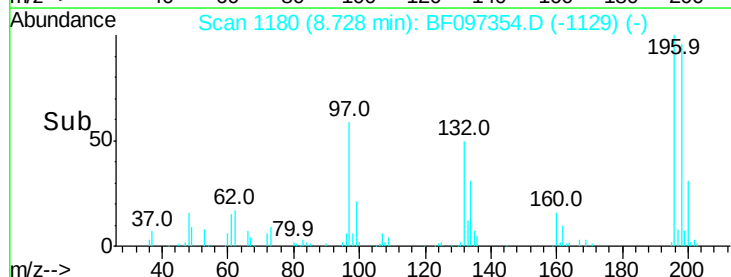
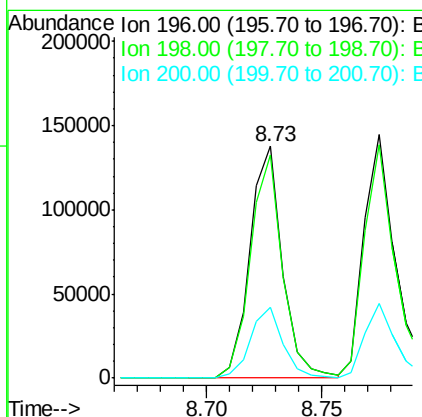
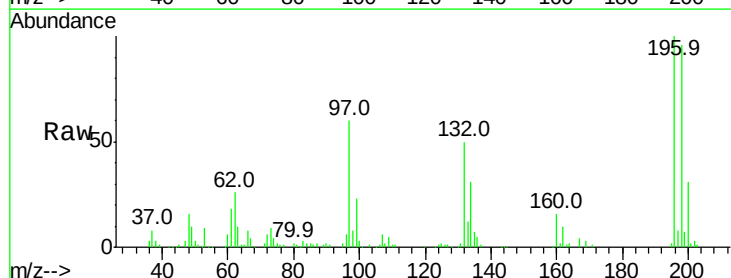
Instrument :
 BNA_F
 ClientSampled :

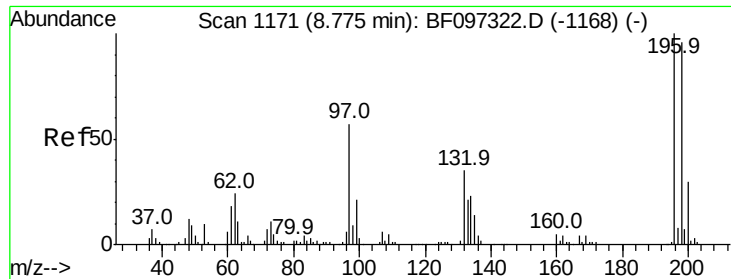
Tot Ion:330 Resp: 124631
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 39.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.449 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:196 Resp: 135811
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 30.6 24.0 36.0

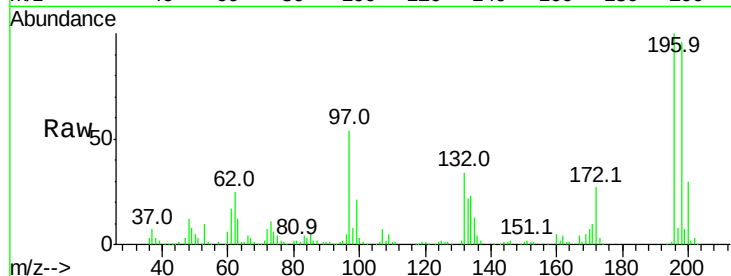




#43
 2,4,5-Trichlorophenol
 Concen: 42.348 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
97	53.9	47.7	71.5
132	33.5	28.0	42.0



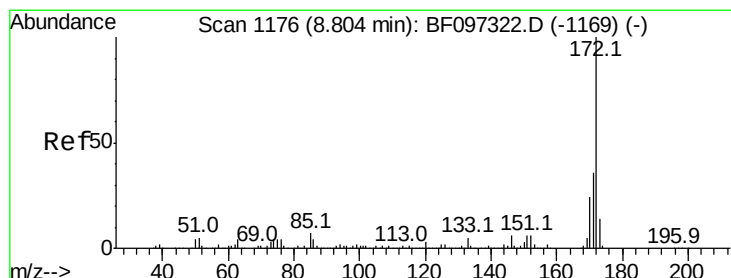
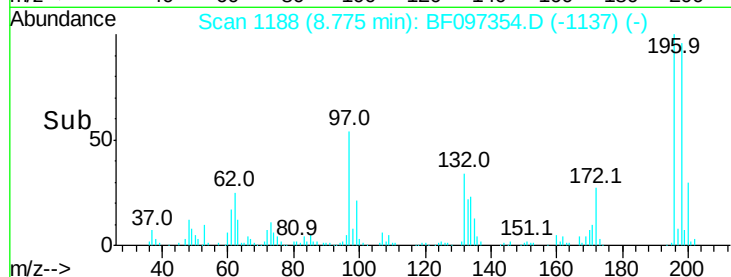
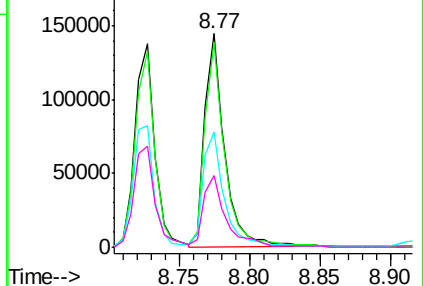
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

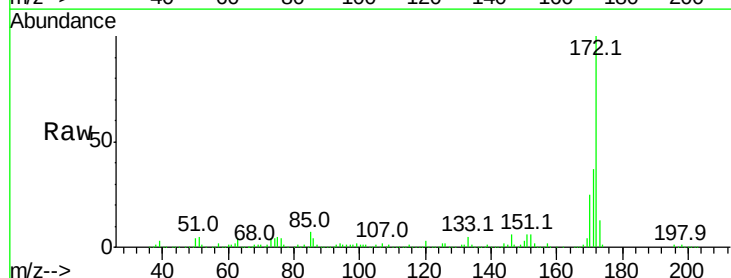
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.571 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.1	19.8	29.8

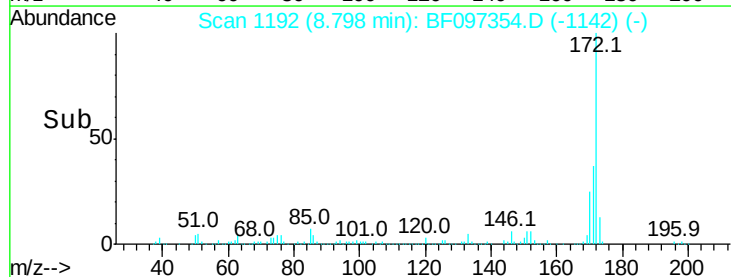
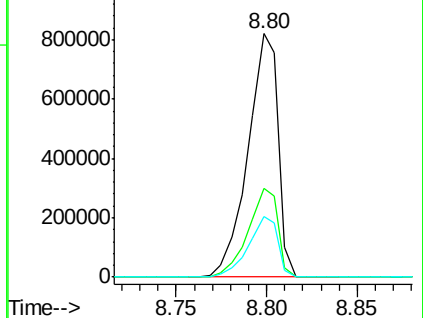


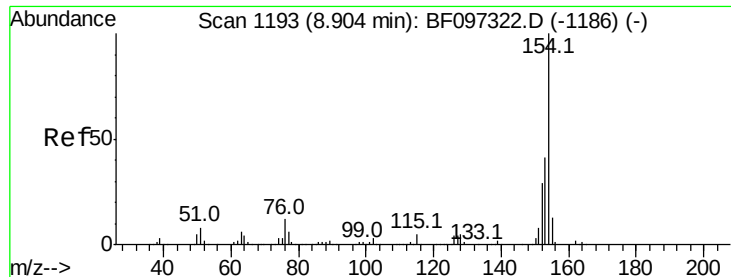
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.939 ng

RT: 8.90 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampled :

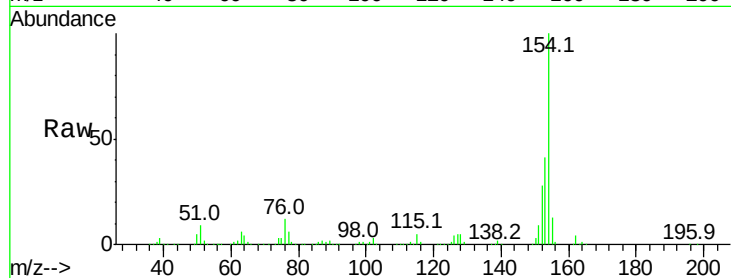
Tot Ion:154 Resp: 592365

Ion Ratio Lower Upper

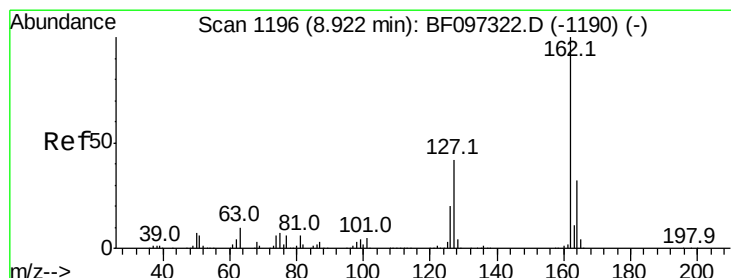
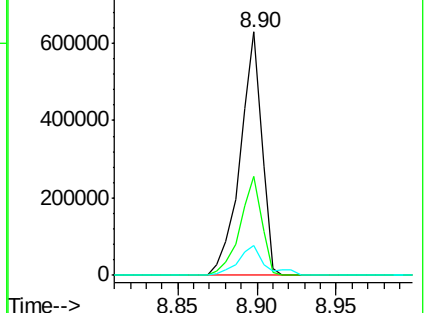
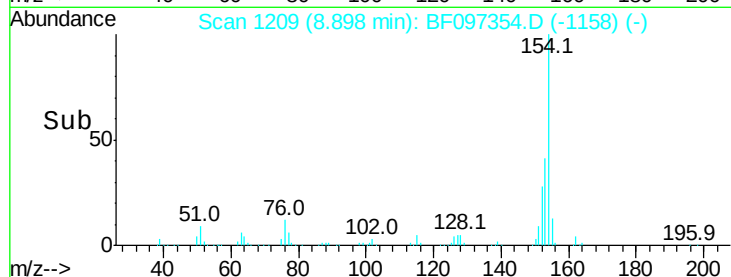
154 100

153 40.9 21.2 61.2

76 12.5 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: 44.135 ng

RT: 8.92 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

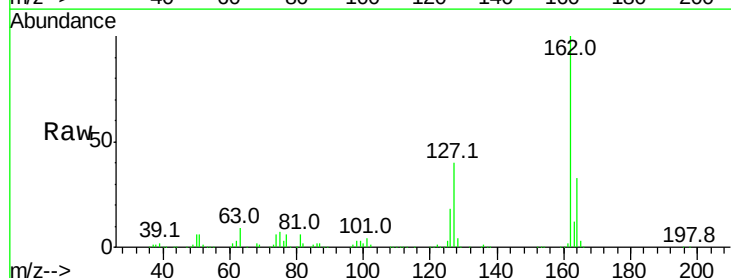
Tgt Ion:162 Resp: 481710

Ion Ratio Lower Upper

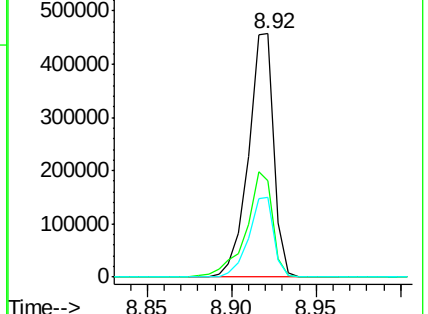
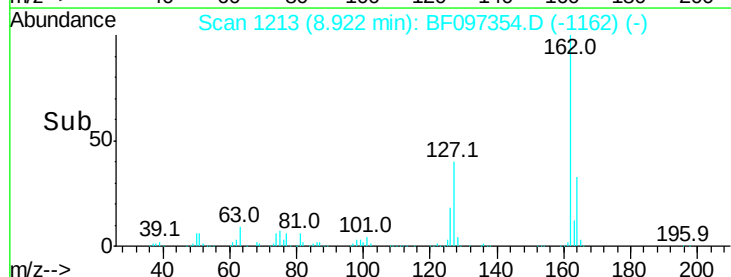
162 100

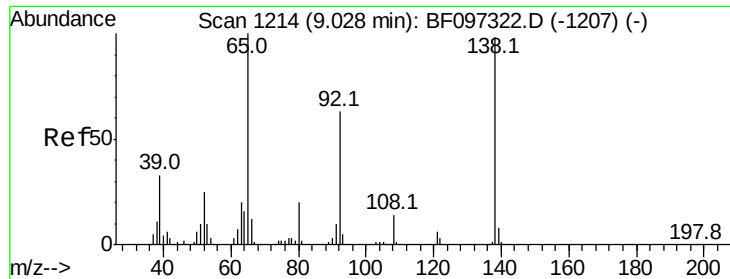
127 39.6 28.3 42.5

164 33.0 27.0 40.4



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

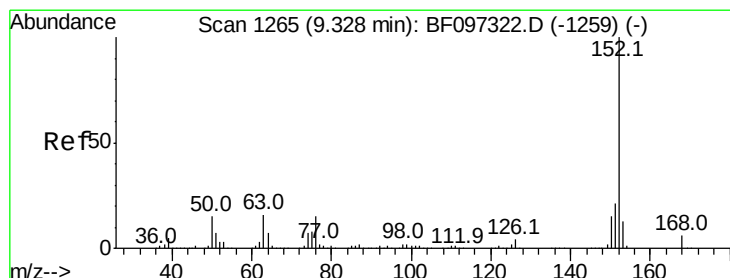
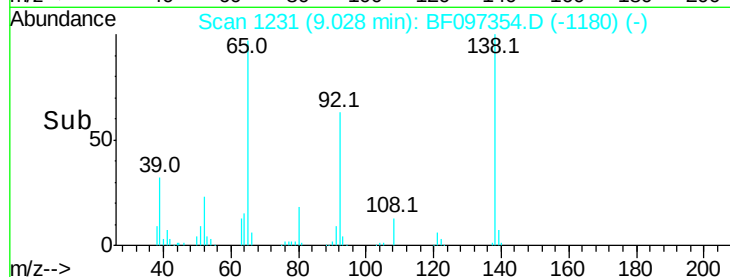
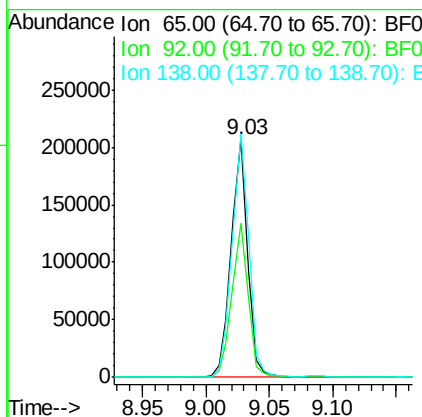
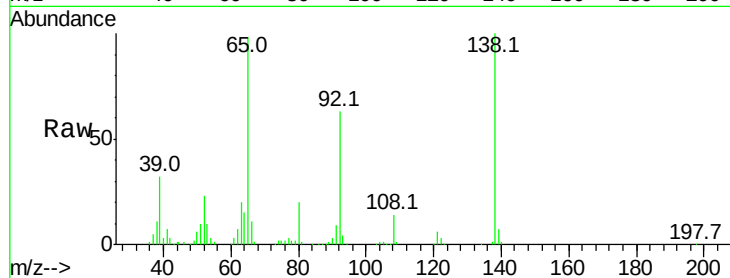




#47
2-Nitroaniline
Concen: 46.791 ng
RT: 9.03 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

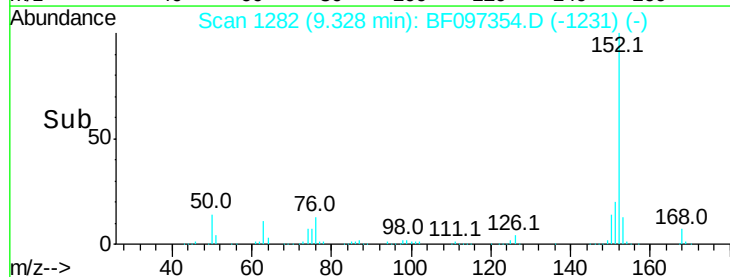
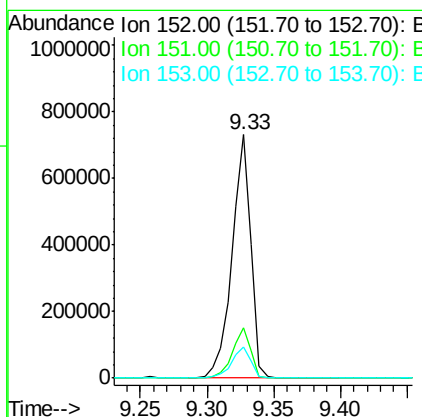
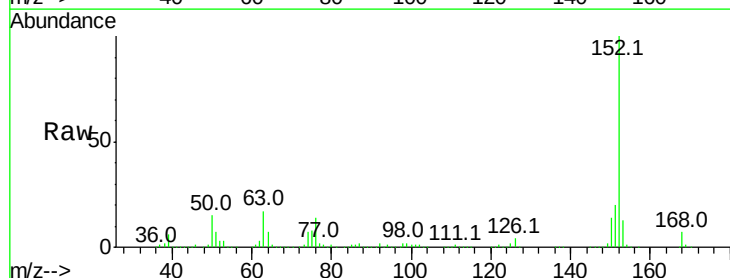
Instrument :
BNA_F
ClientSampleId :

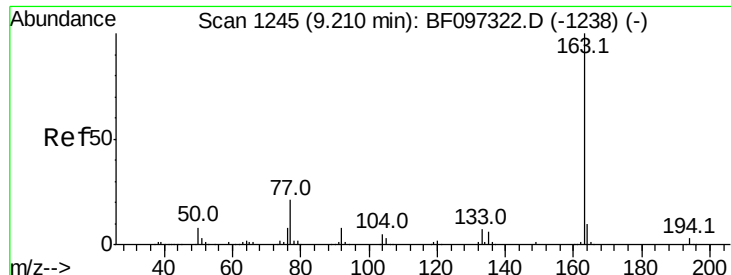
Tot Ion: 65 Resp: 185337
Ion Ratio Lower Upper
65 100
92 64.7 53.9 80.9
138 102.2 78.8 118.2



#48
Acenaphthylene
Concen: 43.157 ng
RT: 9.33 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion: 152 Resp: 722997
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.0 10.8 16.2

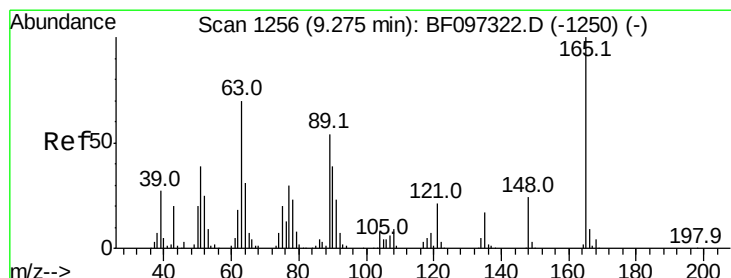
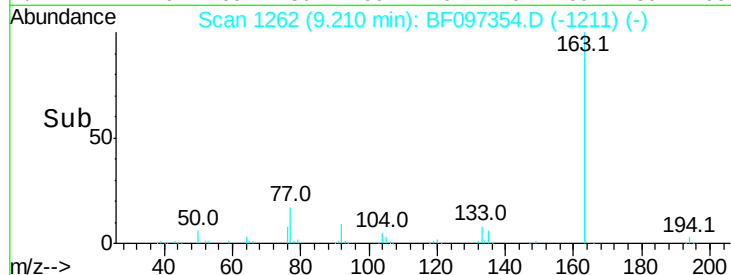
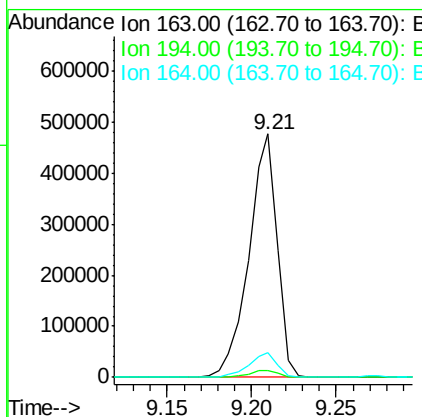
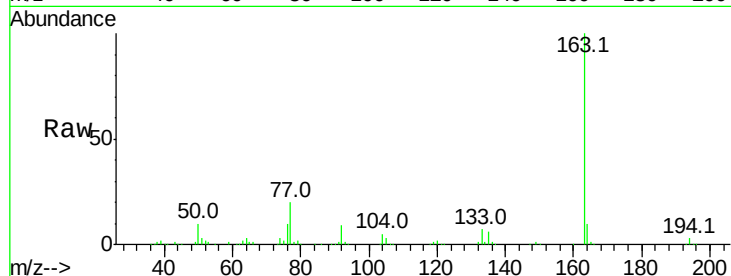




#49
Dimethylphthalate
Concen: 42.175 ng
RT: 9.21 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

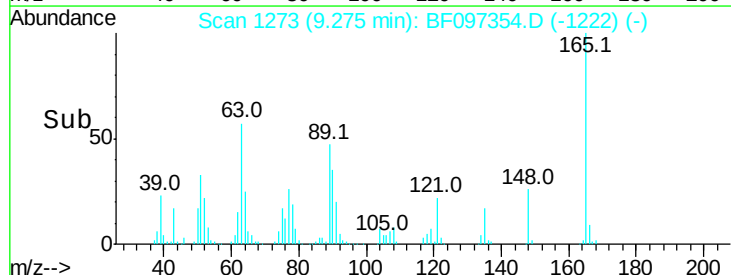
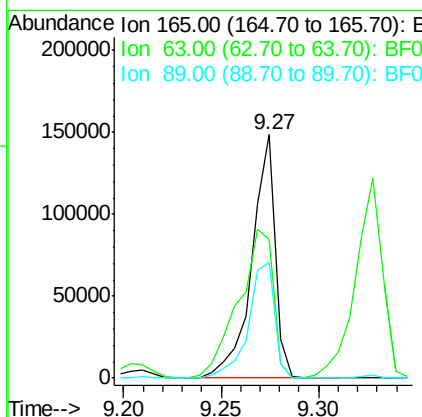
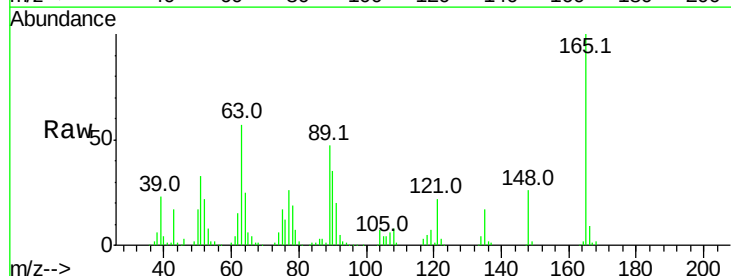
Instrument :
BNA_F
ClientSampleId :

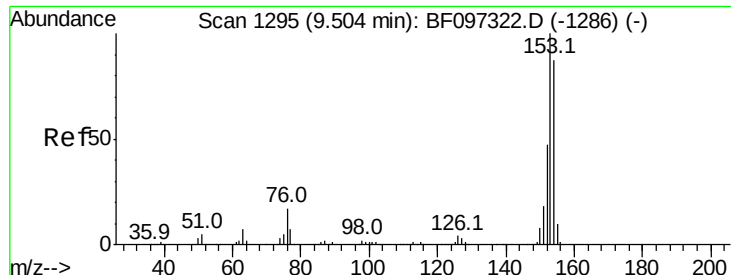
Tot Ion:163 Resp: 556128
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.068 ng
RT: 9.27 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion:165 Resp: 123245
Ion Ratio Lower Upper
165 100
63 56.9 34.3 51.5#
89 47.5 37.1 55.7





#51

Acenaphthene

Concen: 41.697 ng

RT: 9.50 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

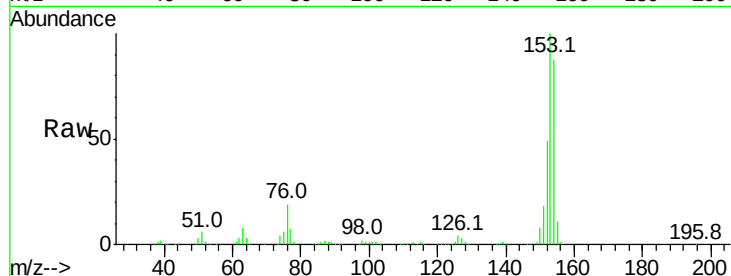
Tot Ion:154 Resp: 411461

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

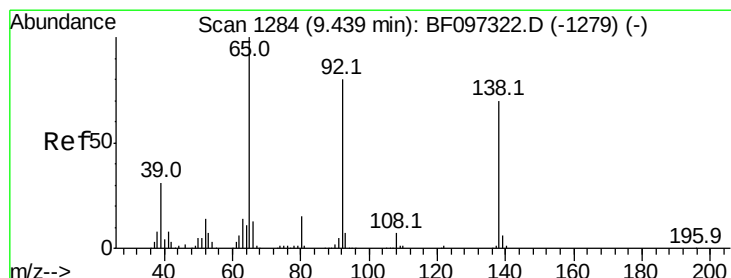
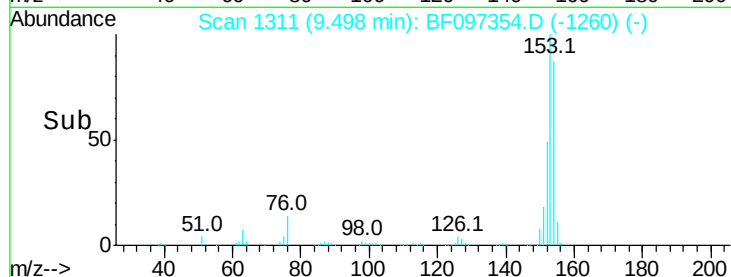
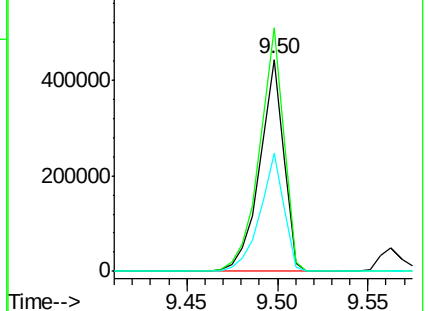
152 55.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.508 ng

RT: 9.44 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

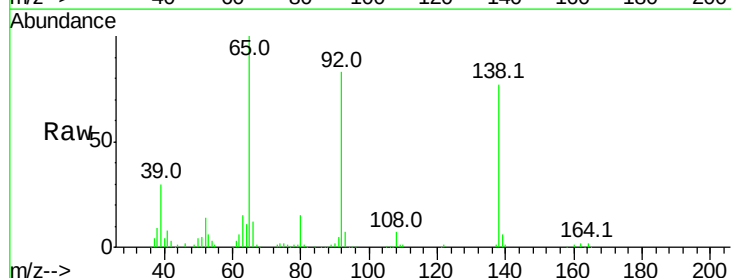
Tgt Ion:138 Resp: 119791

Ion Ratio Lower Upper

138 100

108 9.4 9.1 13.7

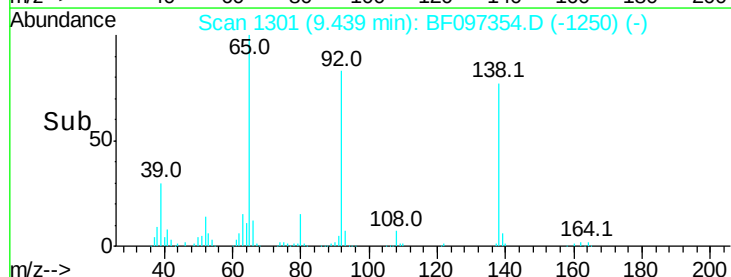
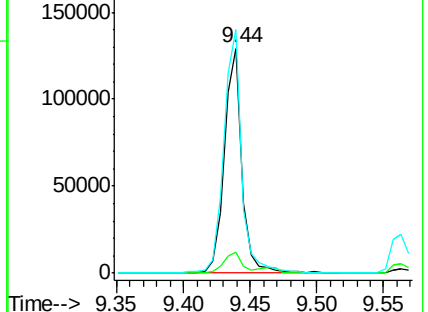
92 108.5 93.8 140.6

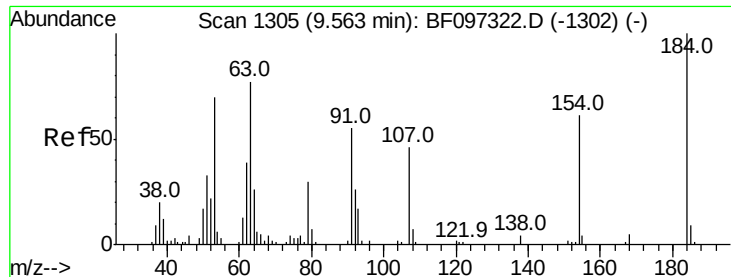


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

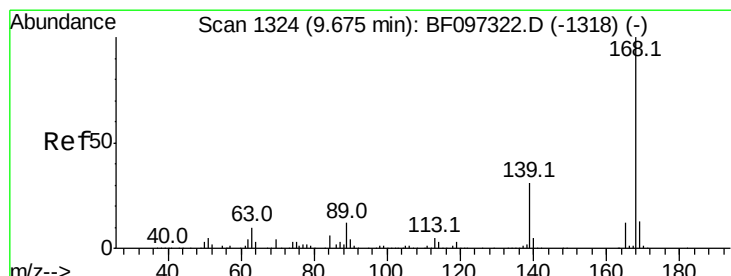
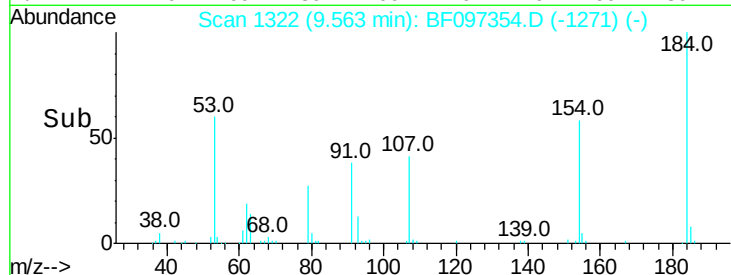
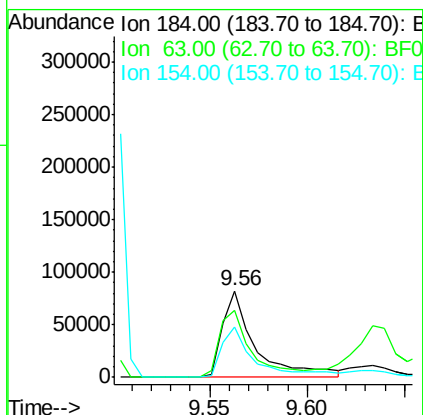
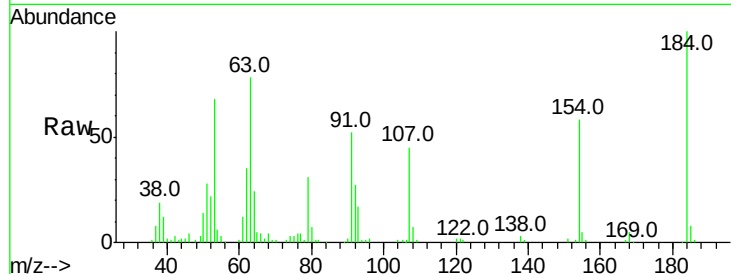




#53
 2,4-Dinitrophenol
 Concen: 76.026 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

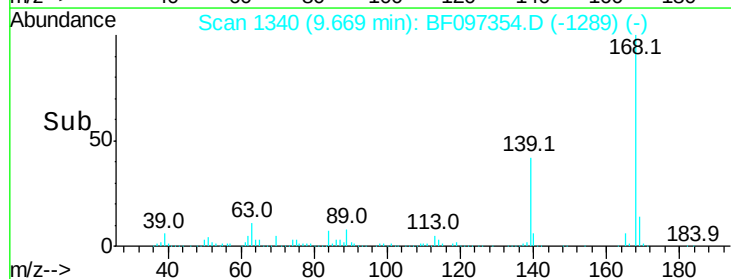
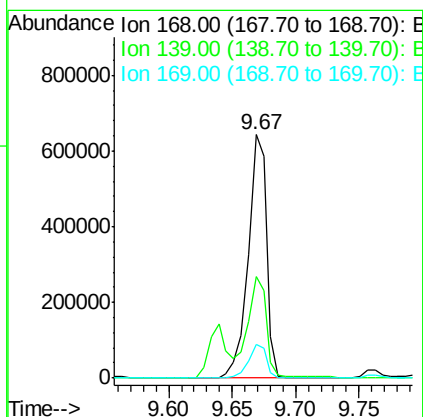
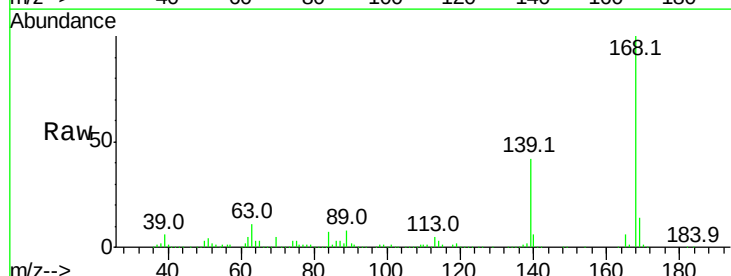
Instrument :
 BNA_F
 ClientSampleId :

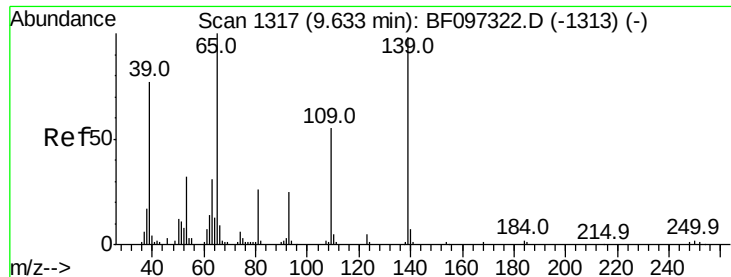
Tot Ion:184 Resp: 96675
 Ion Ratio Lower Upper
 184 100
 63 78.0 62.7 94.1
 154 58.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.518 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:168 Resp: 650857
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.6 45.8
 169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 68.812 ng

RT: 9.64 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampled :

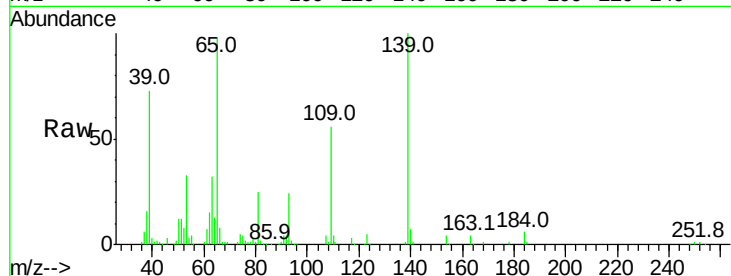
Tot Ion:139 Resp: 142055

Ion Ratio Lower Upper

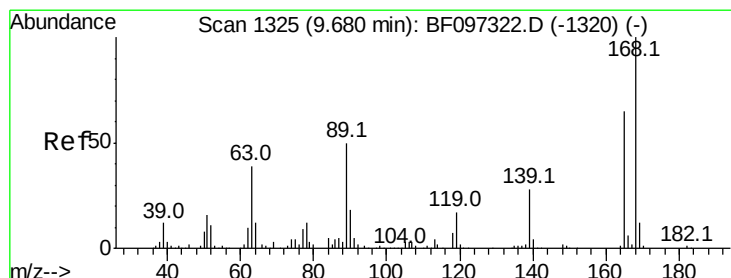
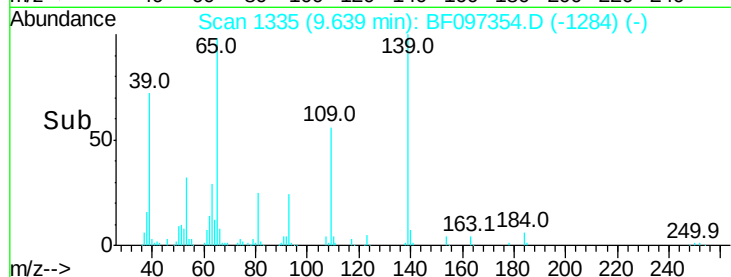
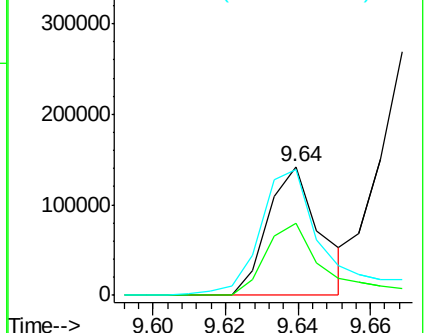
139 100

109 55.6 34.1 74.1

65 98.1 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: 51.060 ng

RT: 9.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Tgt Ion:165 Resp: 164161

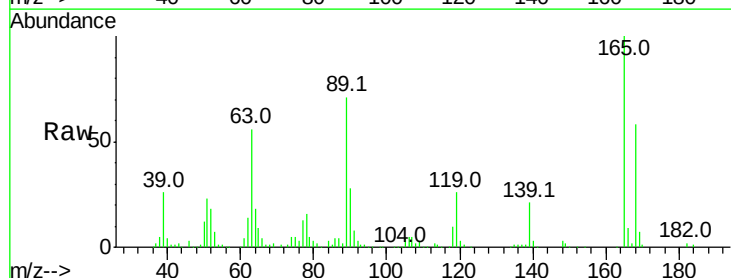
Ion Ratio Lower Upper

165 100

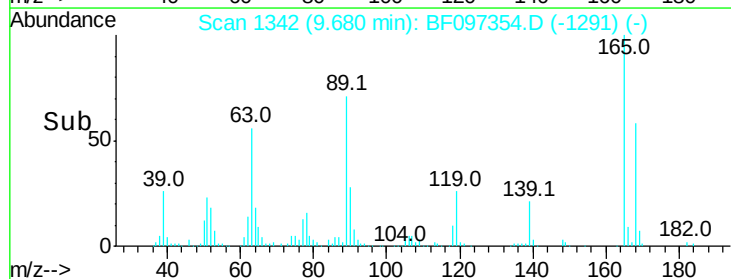
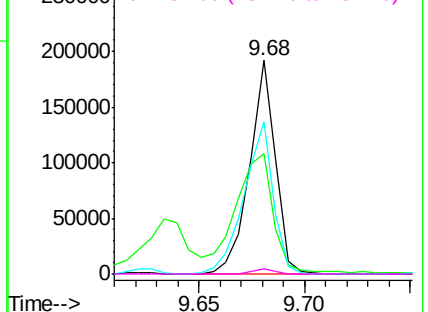
63 56.1 25.4 38.0#

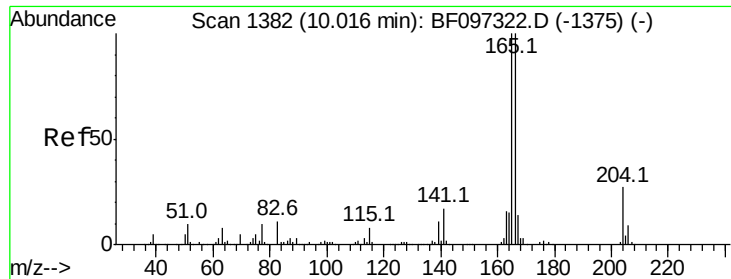
89 71.1 46.4 69.6#

182 2.2 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

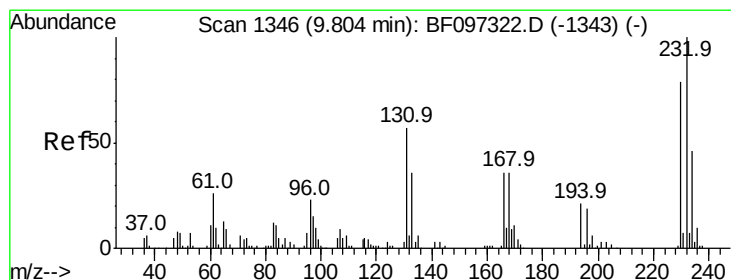
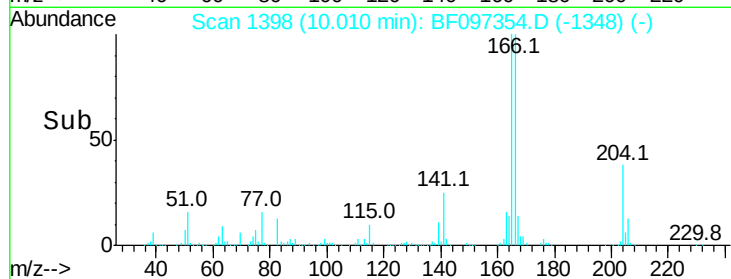
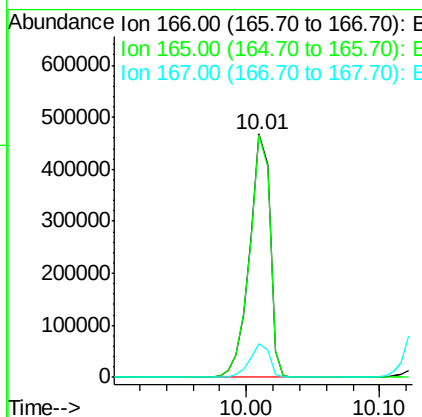
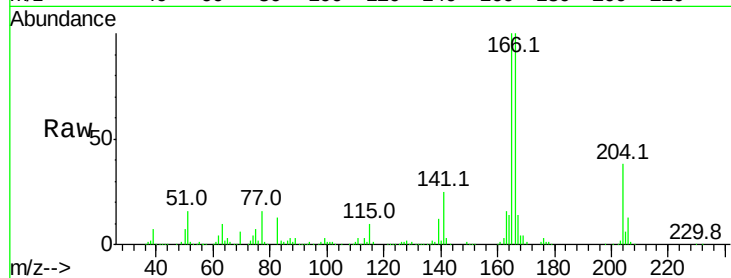




#57
 Fluorene
 Concen: 49.243 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

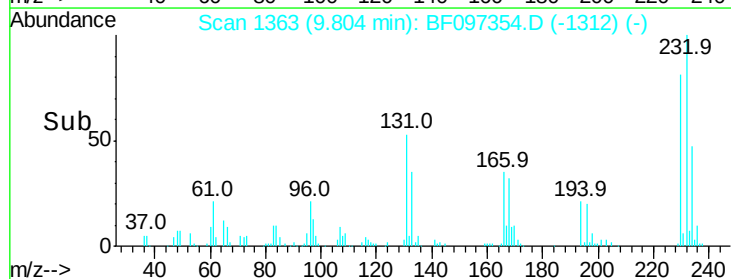
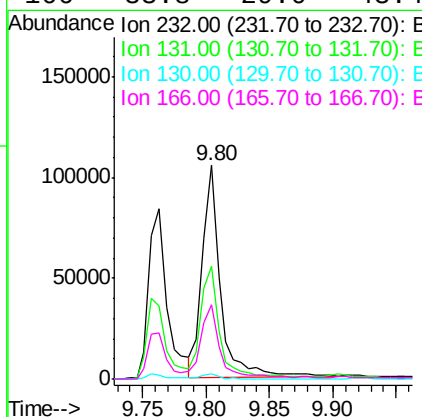
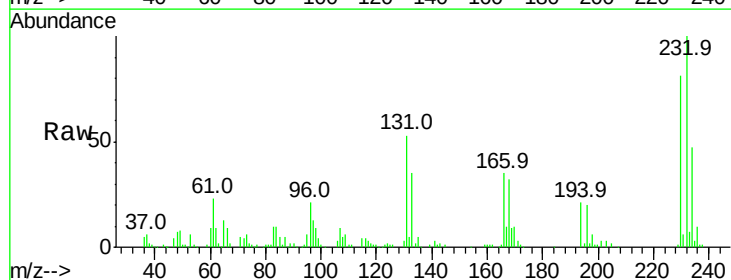
Instrument :
 BNA_F
 ClientSampleId :

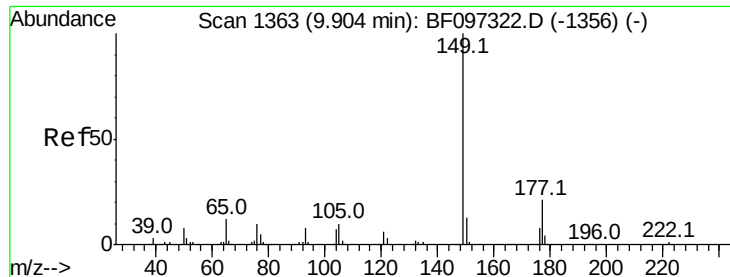
Tot Ion:166 Resp: 486464
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.788 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:232 Resp: 106247
 Ion Ratio Lower Upper
 232 100
 131 53.1 44.8 67.2
 130 2.5 2.3 3.5
 166 33.8 29.0 43.4

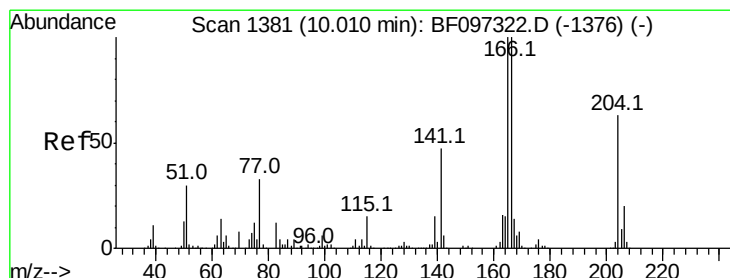
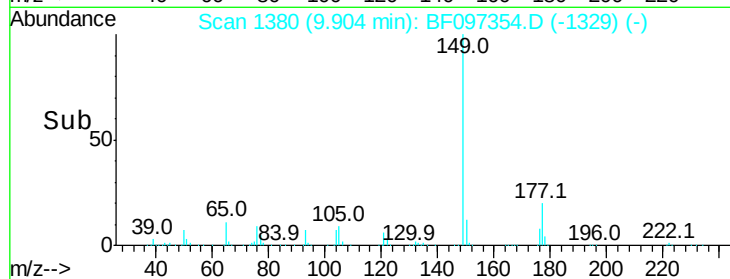
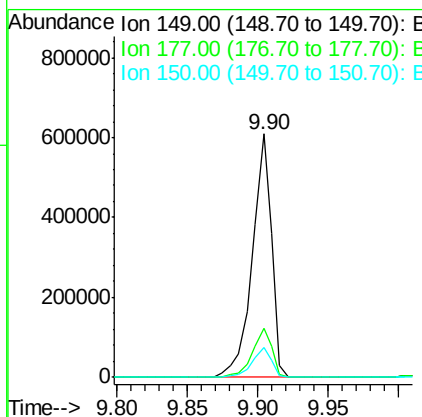
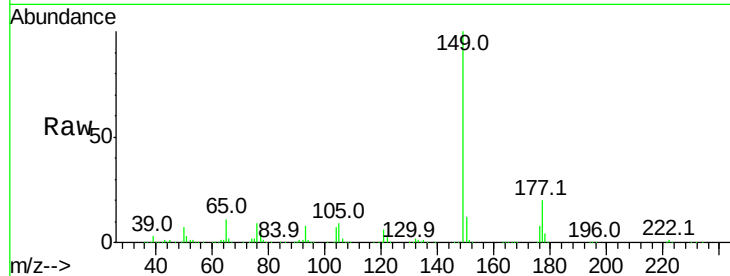




#59
 Diethylphthalate
 Concen: 48.273 ng
 RT: 9.90 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

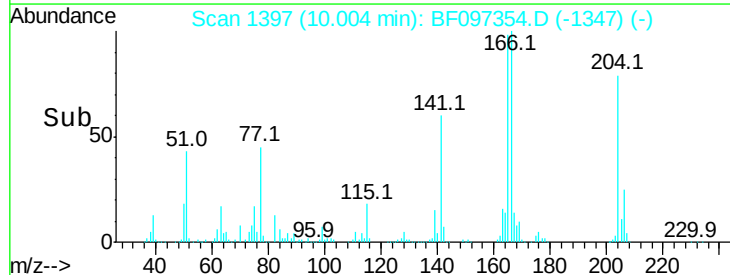
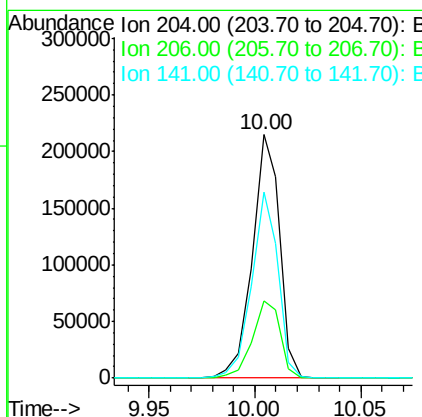
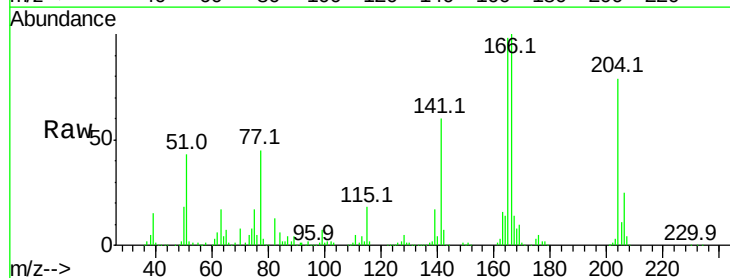
Instrument :
 BNA_F
 ClientSampleId :

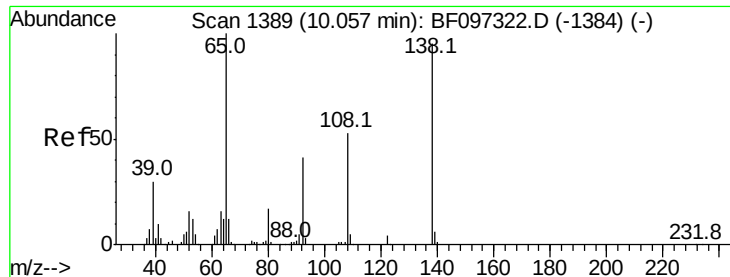
Tot Ion:	149	Resp:	583989
Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.7	25.1
150	12.3	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 47.358 ng
 RT: 10.00 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:	204	Resp:	193192
Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.2
141	76.2	60.8	91.2

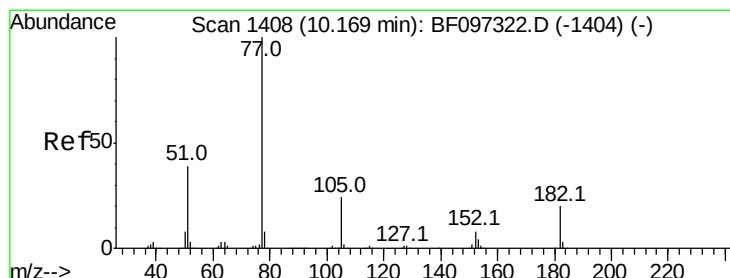
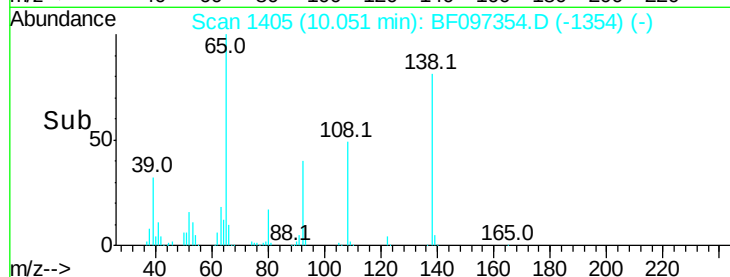
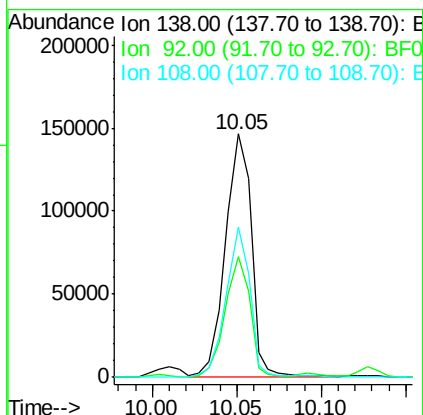
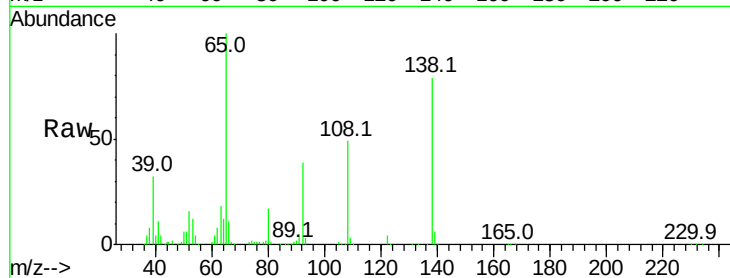




#61
4-Nitroaniline
Concen: 47.268 ng
RT: 10.05 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

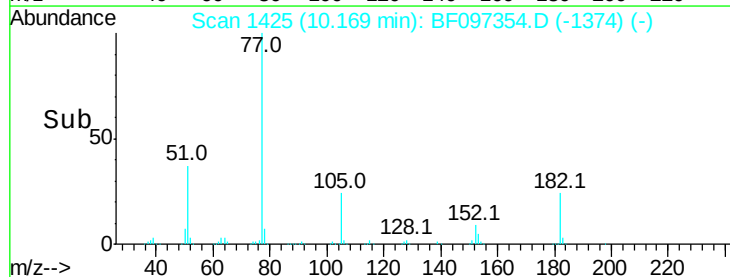
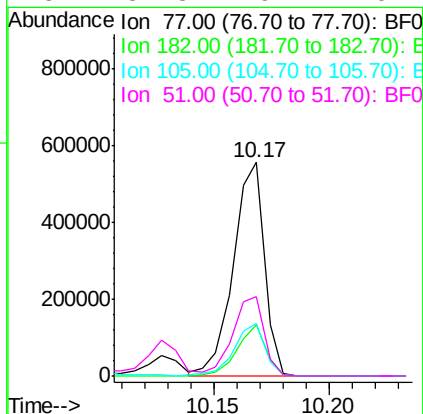
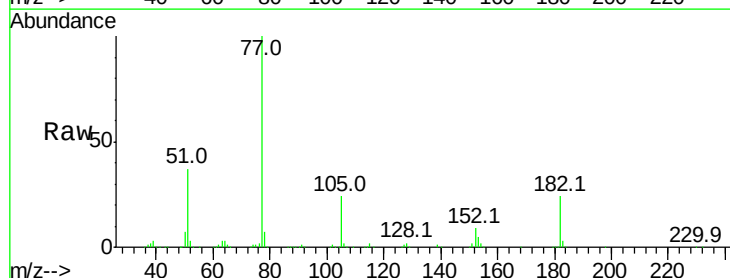
Instrument :
BNA_F
ClientSampled :

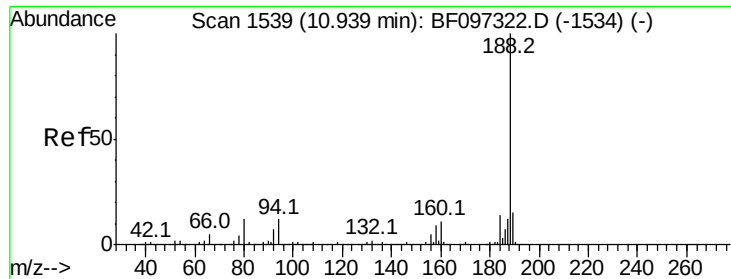
Tot Ion:138 Resp: 155911
Ion Ratio Lower Upper
138 100
92 49.5 21.8 61.8
108 61.6 42.3 82.3



#62
Azobenzene
Concen: 46.482 ng
RT: 10.17 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion: 77 Resp: 521656
Ion Ratio Lower Upper
77 100
182 24.0 0.1 40.1
105 24.5 3.6 43.6
51 37.3 9.4 49.4

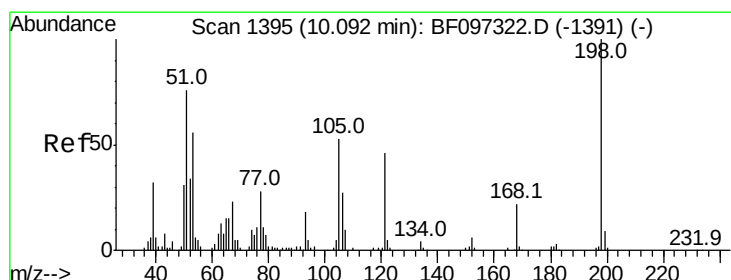
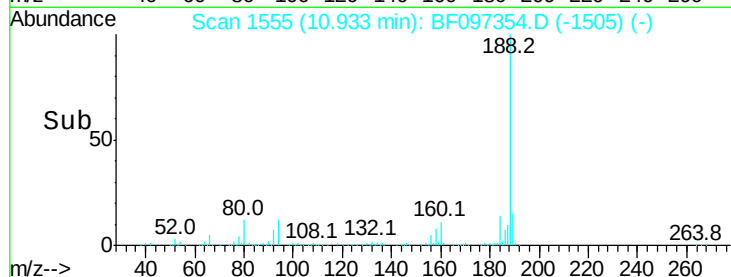
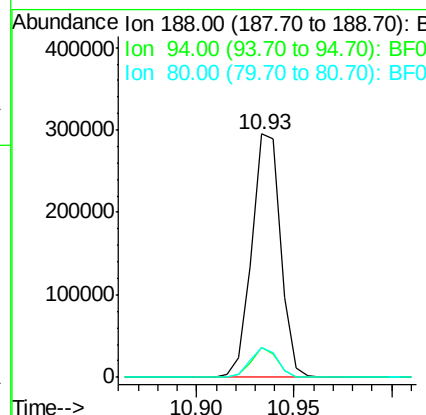
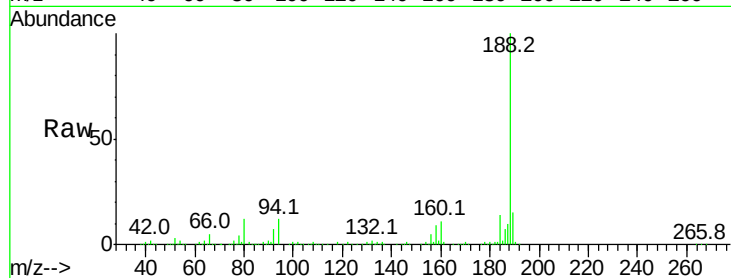




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

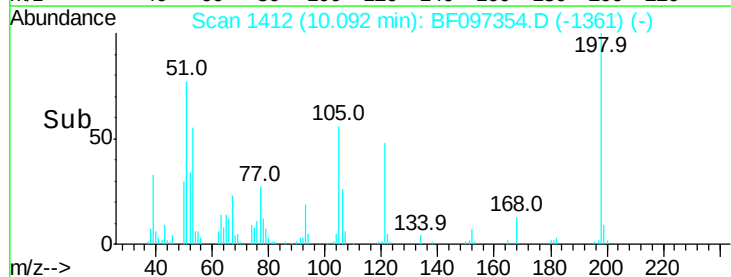
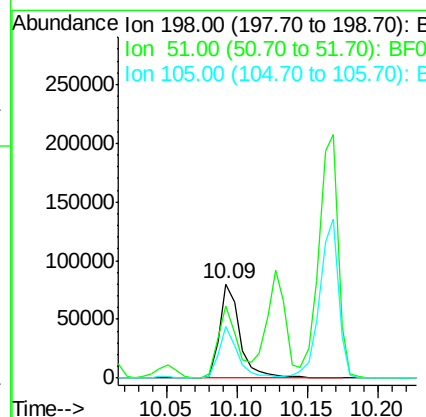
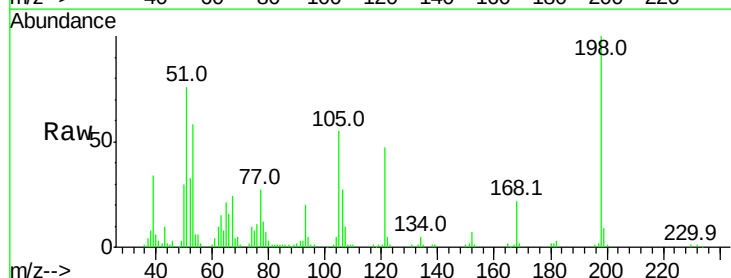
Instrument :
 BNA_F
 ClientSampleId :

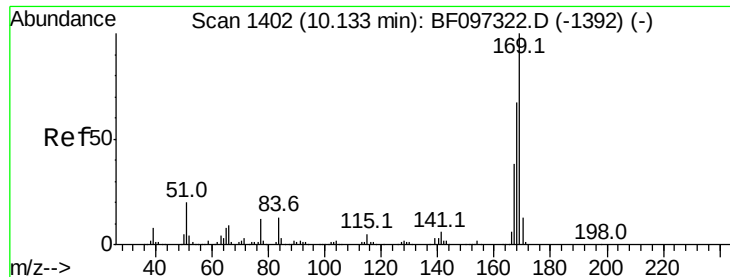
Tot Ion:188 Resp: 302180
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.234 ng
 RT: 10.09 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:198 Resp: 81181
 Ion Ratio Lower Upper
 198 100
 51 76.5 53.2 93.2
 105 54.7 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 41.900 ng

RT: 10.13 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

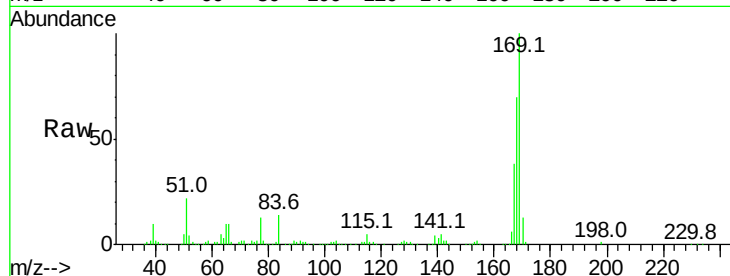
Tot Ion:169 Resp: 440542

Ion Ratio Lower Upper

169 100

168 69.7 53.2 79.8

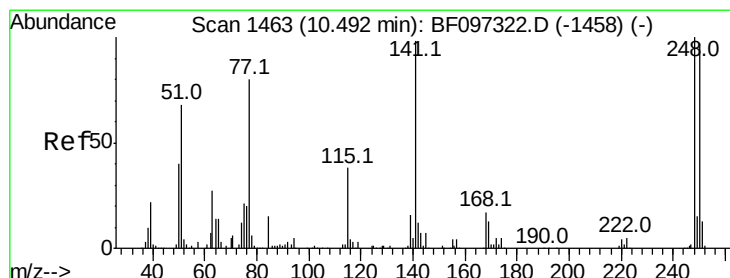
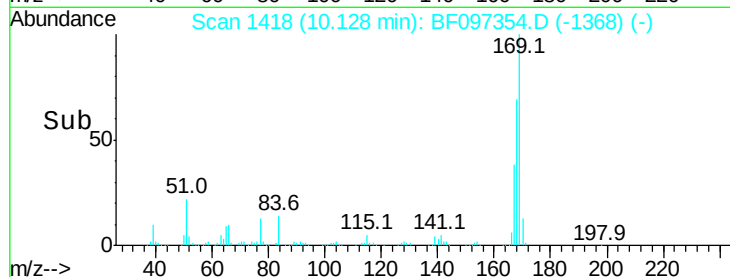
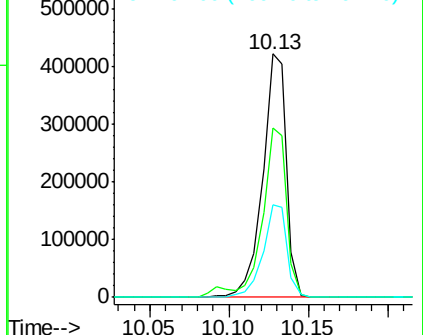
167 38.2 29.5 44.3



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: 45.265 ng

RT: 10.49 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

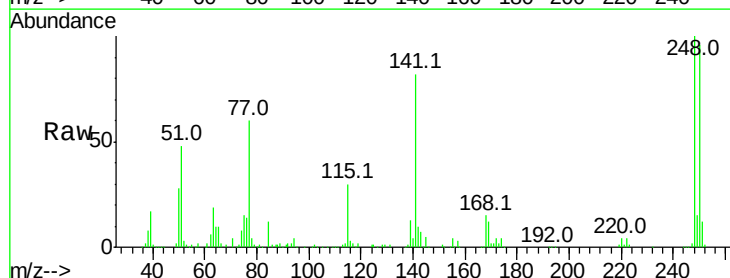
Tgt Ion:248 Resp: 136504

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

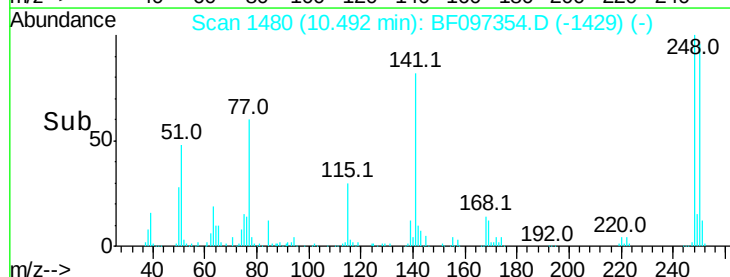
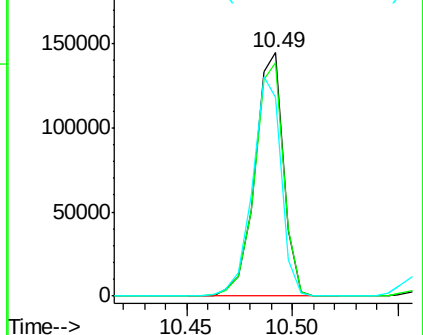
141 81.9 68.6 103.0

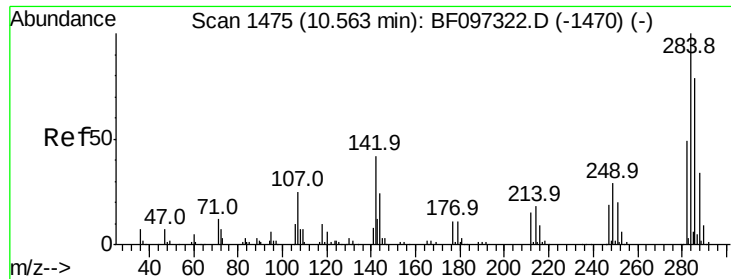


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.983 ng

RT: 10.56 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

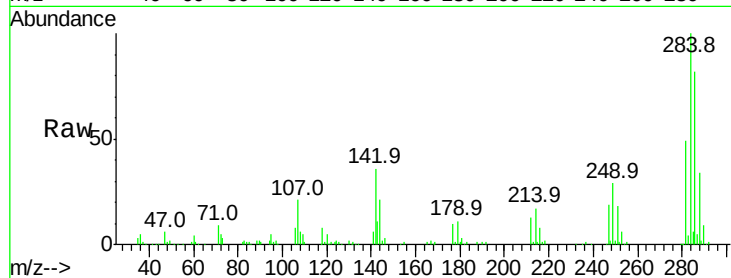
Tot Ion:284 Resp: 141977

Ion Ratio Lower Upper

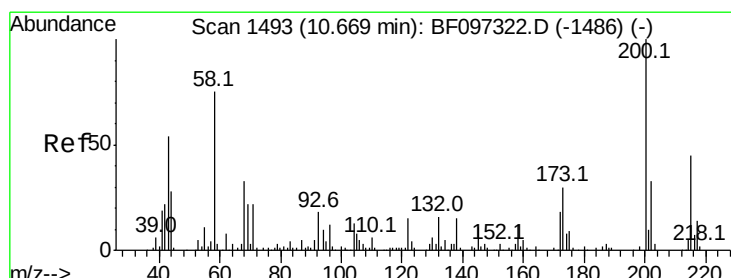
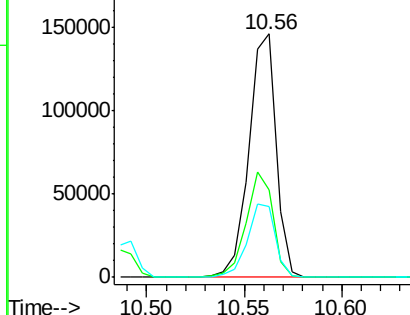
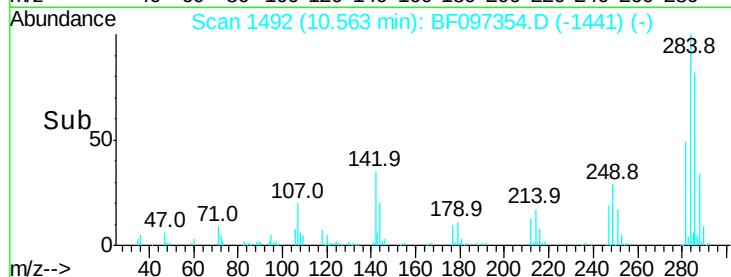
284 100

142 36.0 22.8 34.2#

249 28.9 24.0 36.0



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



#68

Atrazine

Concen: 46.642 ng

RT: 10.67 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

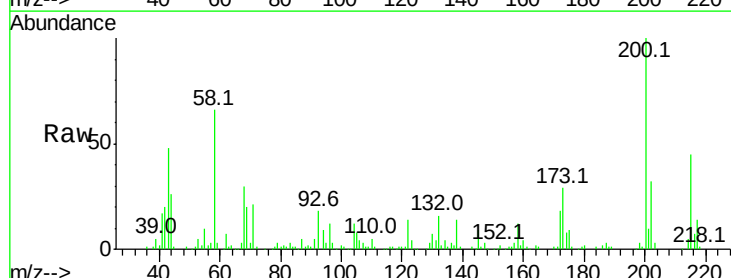
Tgt Ion:200 Resp: 140621

Ion Ratio Lower Upper

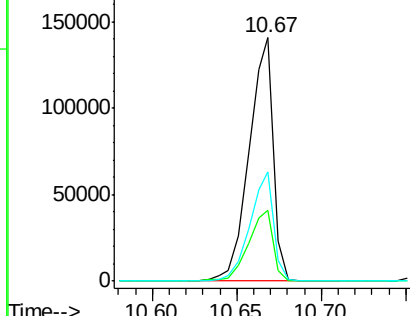
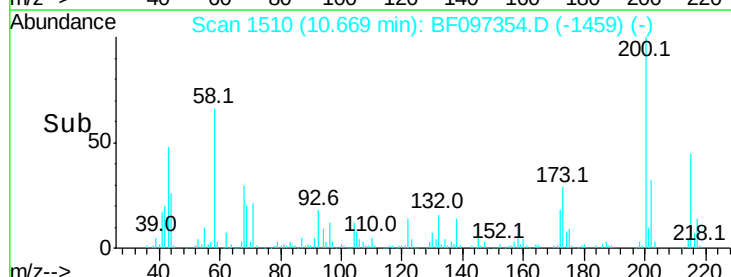
200 100

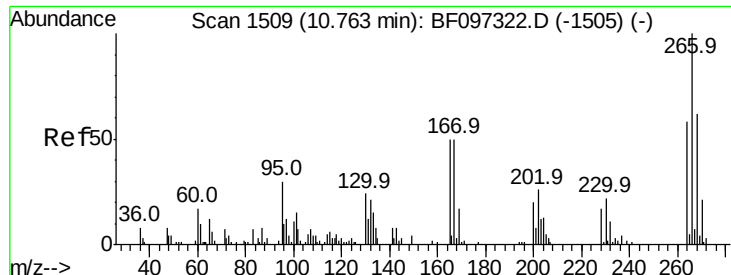
173 28.9 6.3 46.3

215 44.8 27.2 67.2



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

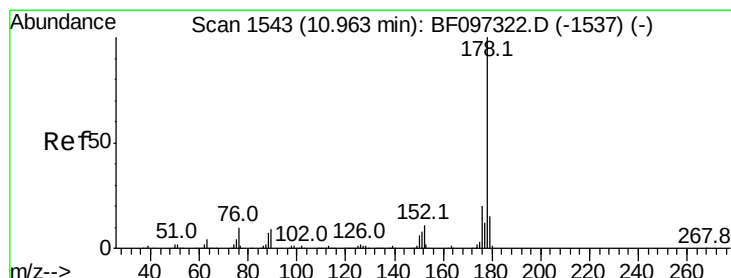
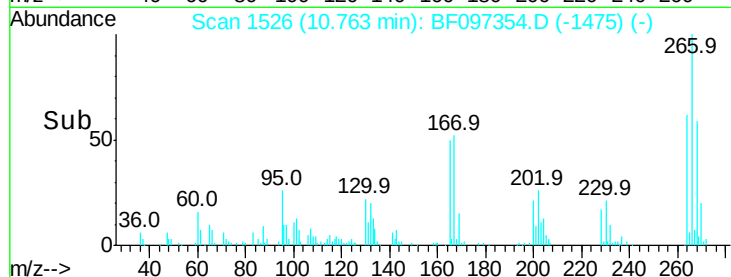
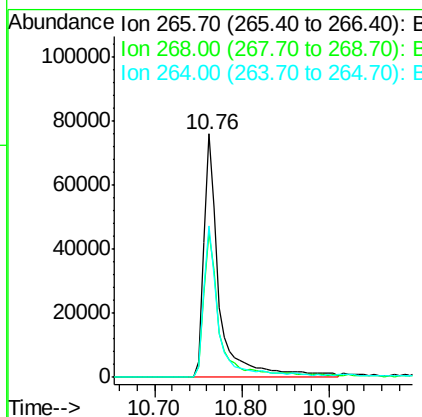
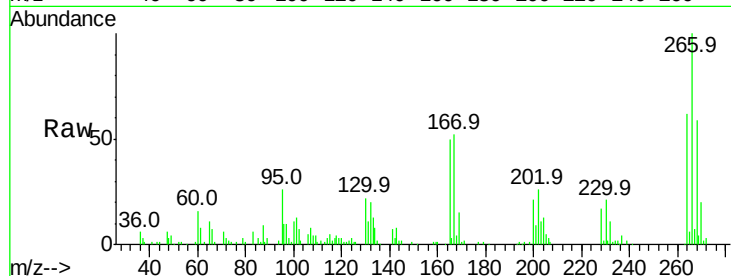




#69
 Pentachlorophenol
 Concen: 67.676 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

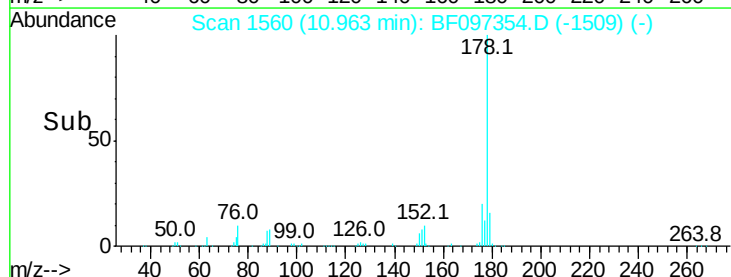
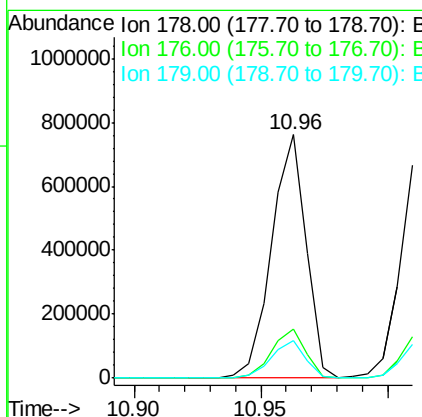
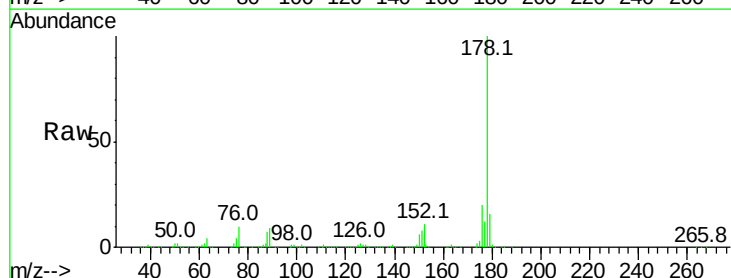
Instrument :
 BNA_F
 ClientSampleId :

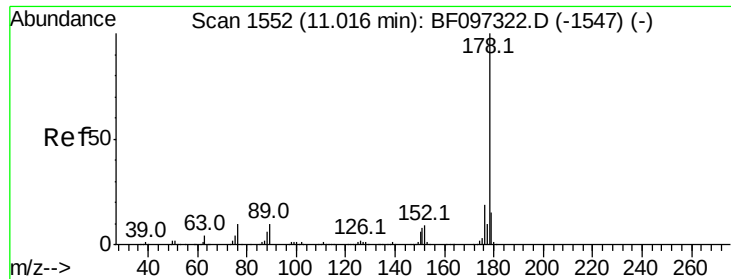
Tot Ion:266 Resp: 94694
 Ion Ratio Lower Upper
 266 100
 268 59.4 51.1 76.7
 264 62.1 51.7 77.5



#70
 Phenanthrene
 Concen: 44.960 ng
 RT: 10.96 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:178 Resp: 727941
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.5 12.6 19.0

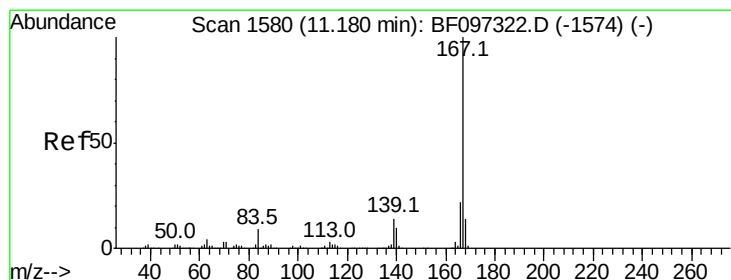
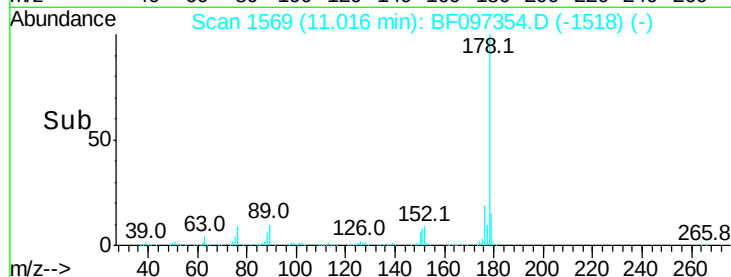
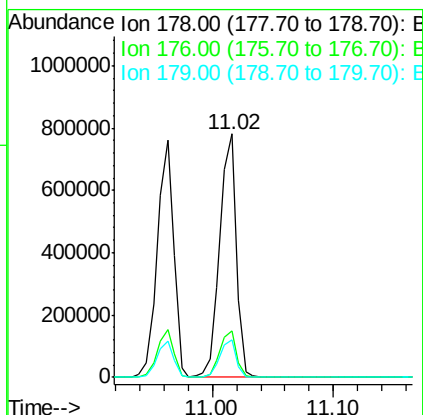
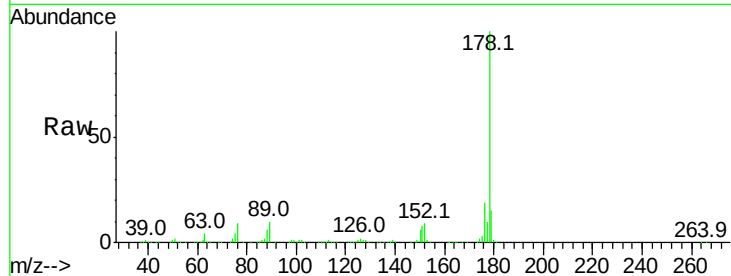




#71
 Anthracene
 Concen: 44.560 ng
 RT: 11.02 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

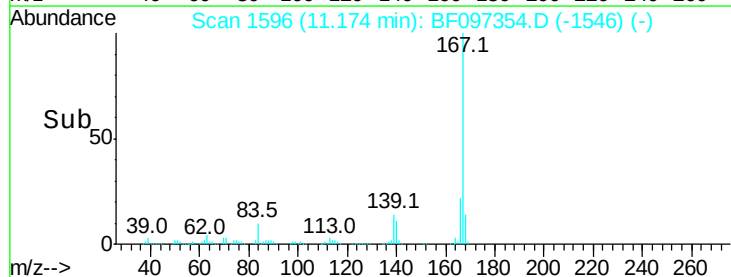
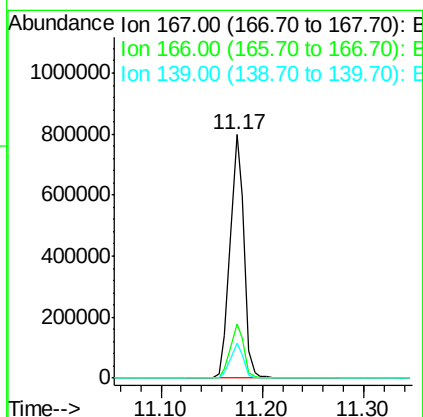
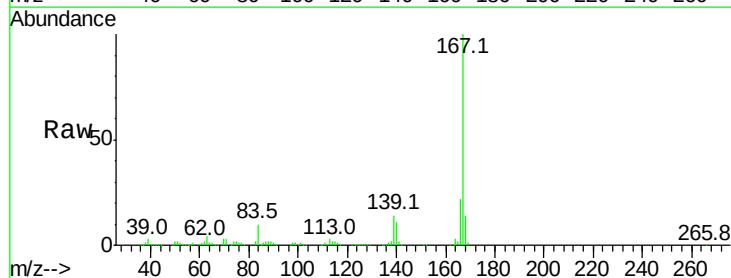
Instrument :
 BNA_F
 ClientSampleId :

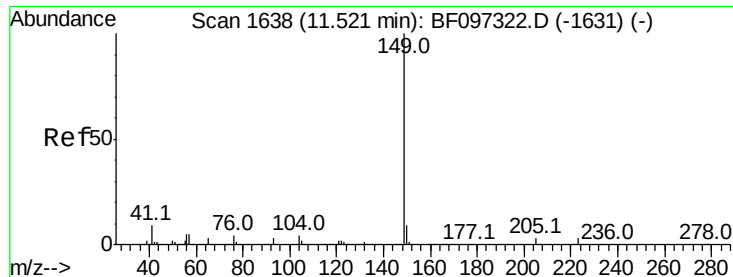
Tot Ion:178 Resp: 738931
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 46.622 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:167 Resp: 760352
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.718 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

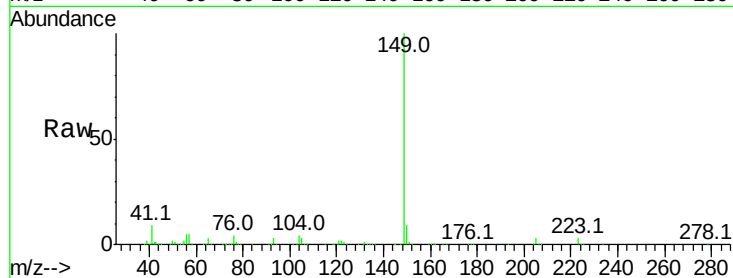
Tot Ion:149 Resp: 861188

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

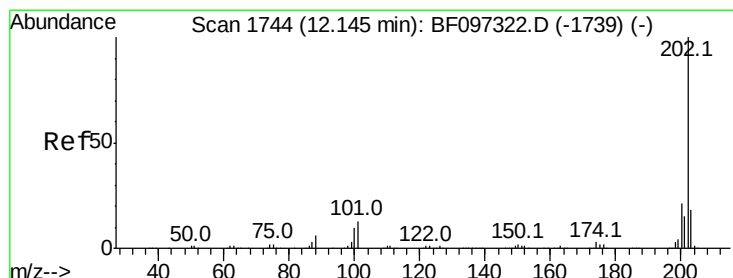
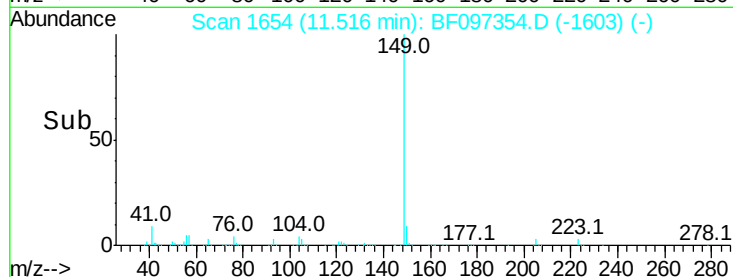
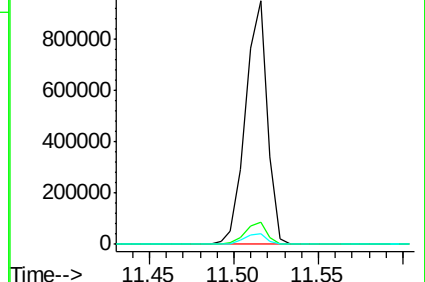
104 4.3 4.0 6.0



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: 48.670 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

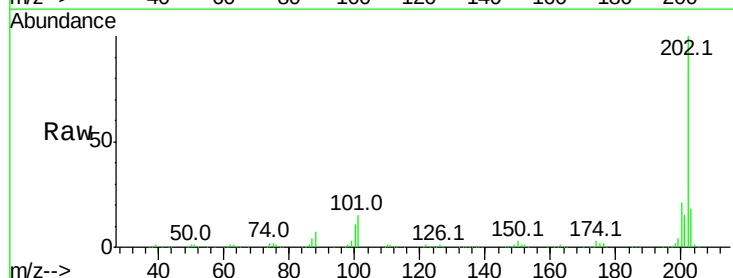
Tgt Ion:202 Resp: 771986

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

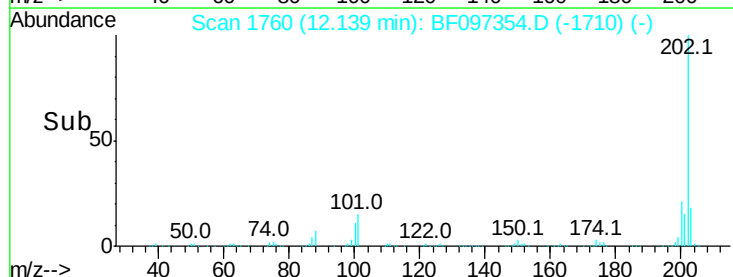
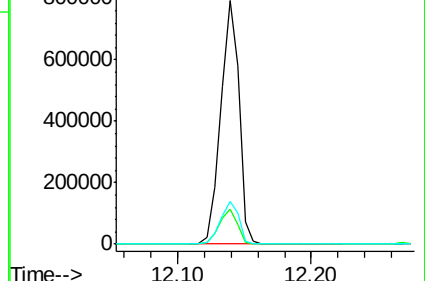
203 17.6 0.0 38.1

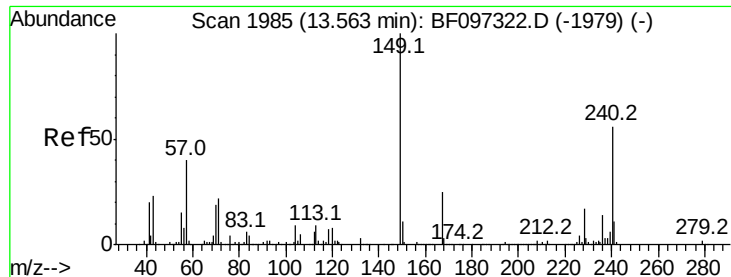


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :

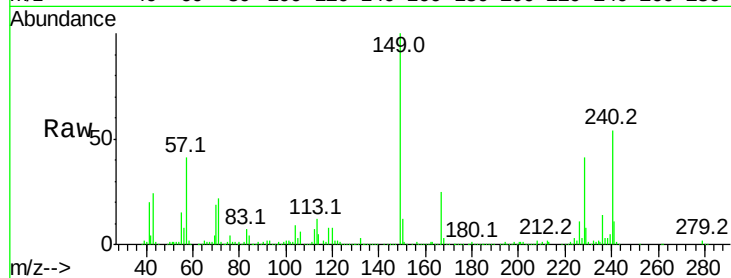
Tot Ion:240 Resp: 201710

Ion Ratio Lower Upper

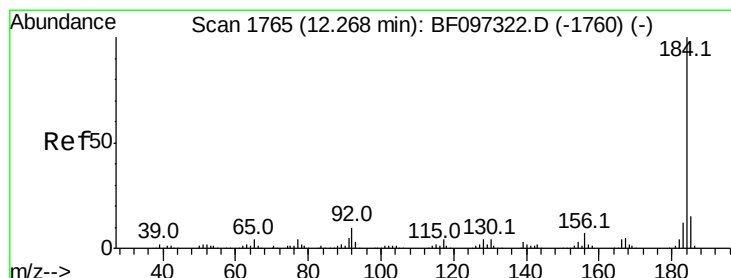
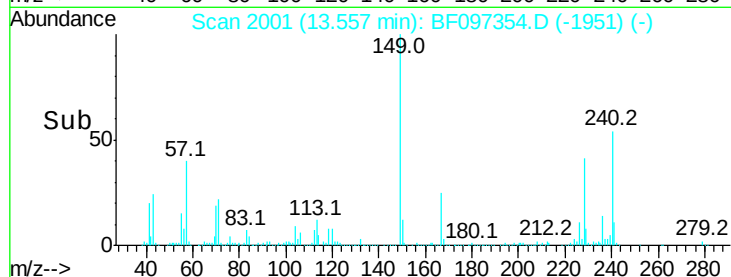
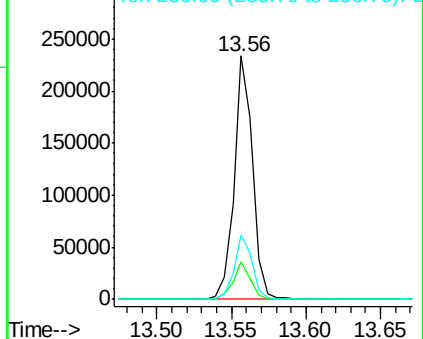
240 100

120 15.5 5.8 8.8#

236 26.4 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: 51.868 ng

RT: 12.27 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

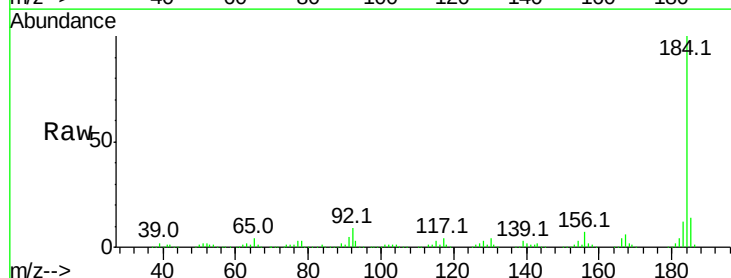
Tgt Ion:184 Resp: 388198

Ion Ratio Lower Upper

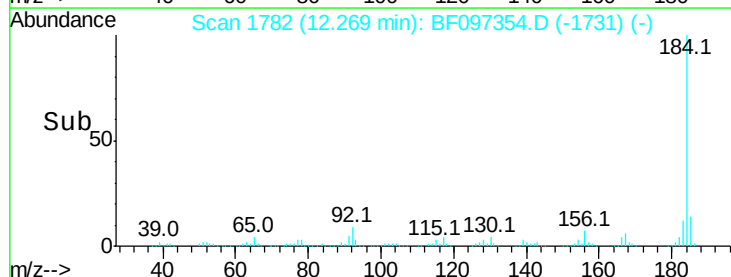
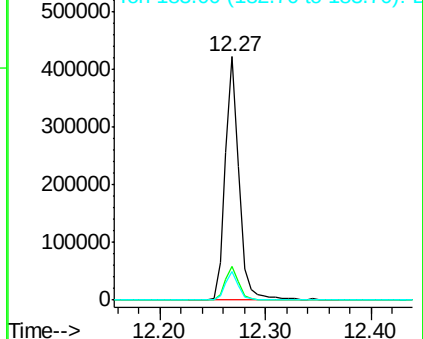
184 100

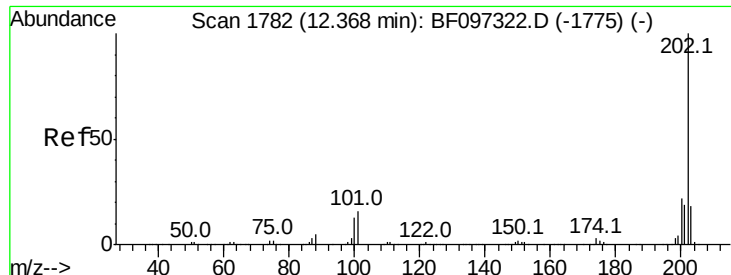
185 14.0 15.5 23.3#

183 11.6 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

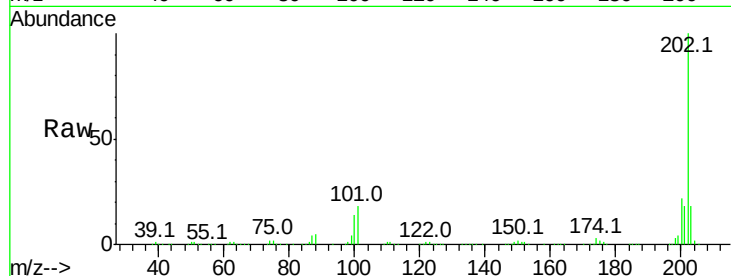




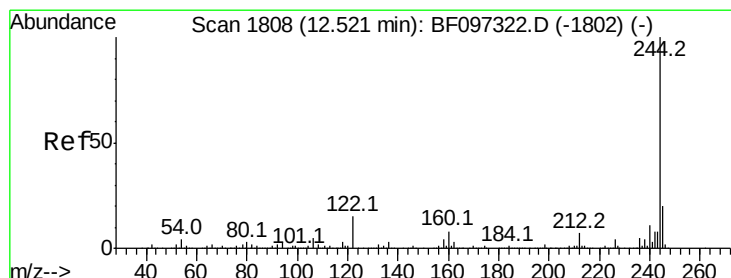
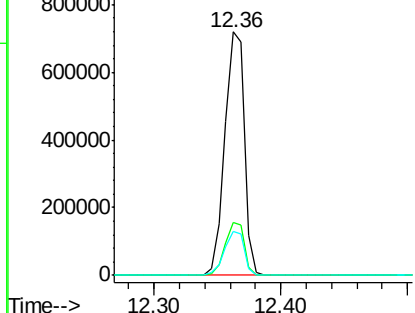
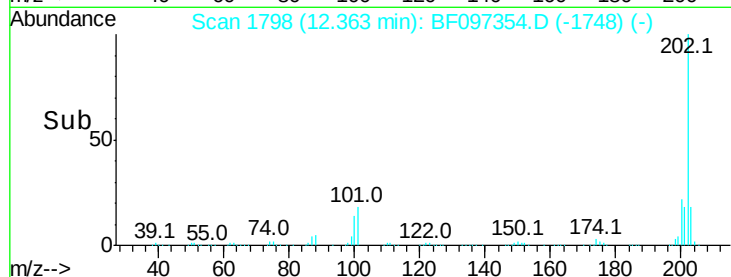
#77
Pvrene
Concen: 46.559 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 768845
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.3 14.4 21.6

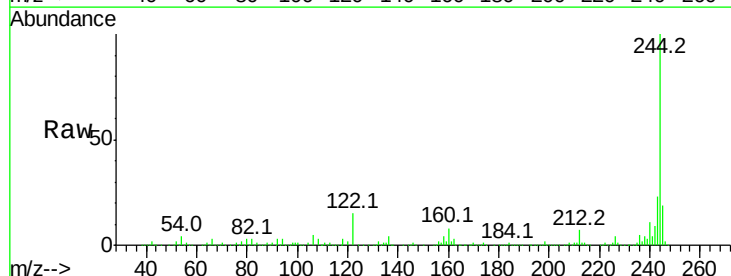


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

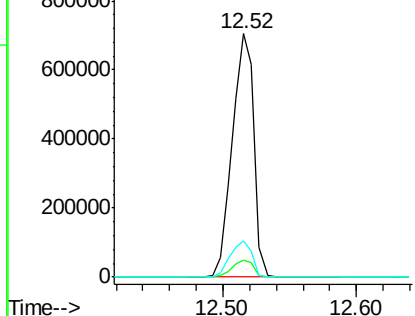
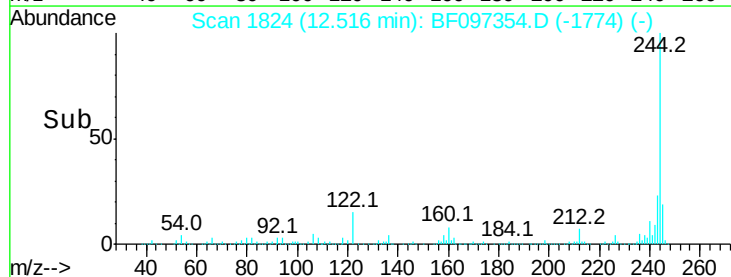


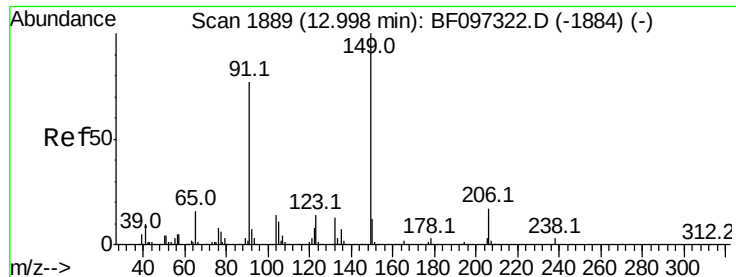
#78
Terphenyl-d14
Concen: 80.801 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion:244 Resp: 799393
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.1 10.3 15.5



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

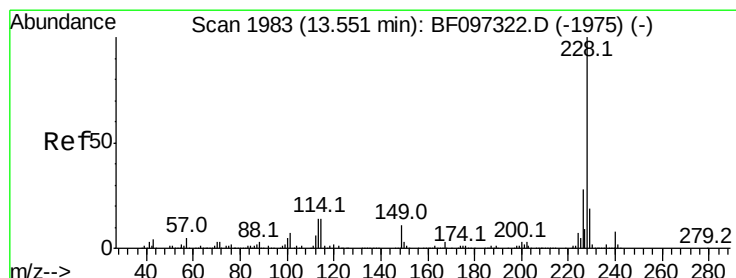
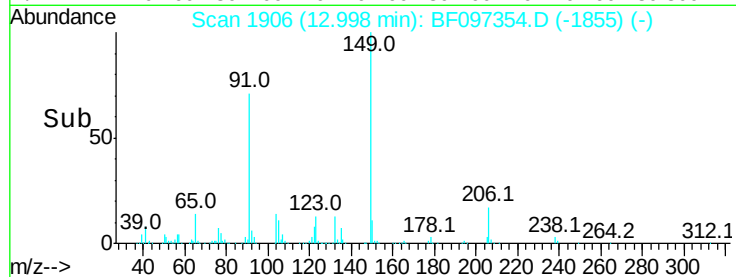
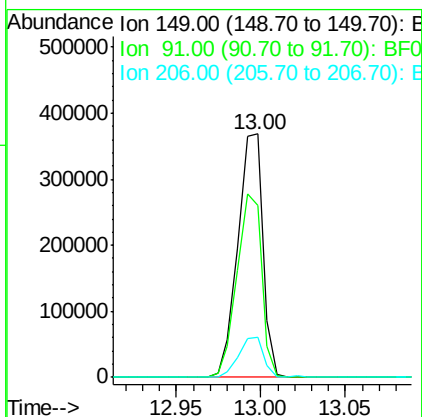
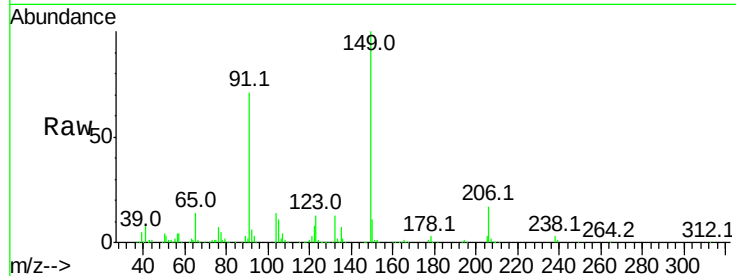




#79
Butylbenzylphthalate
Concen: 45.535 ng
RT: 13.00 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

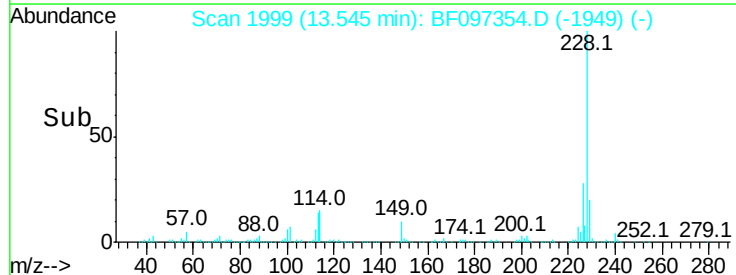
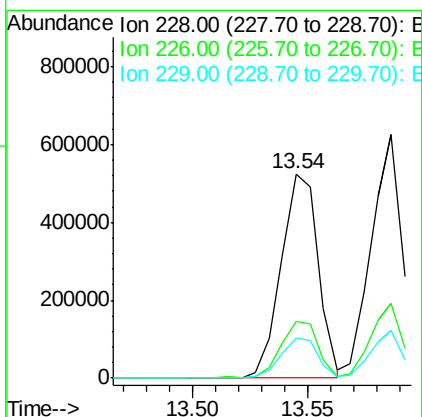
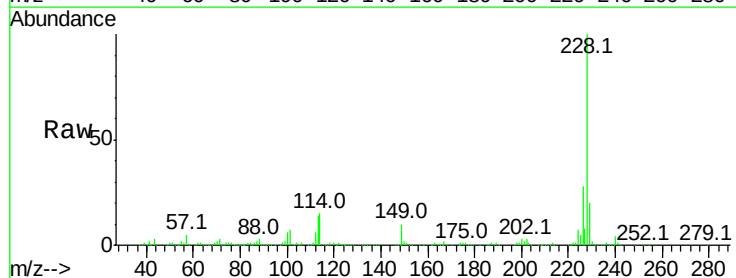
Instrument :
BNA_F
ClientSampleId :

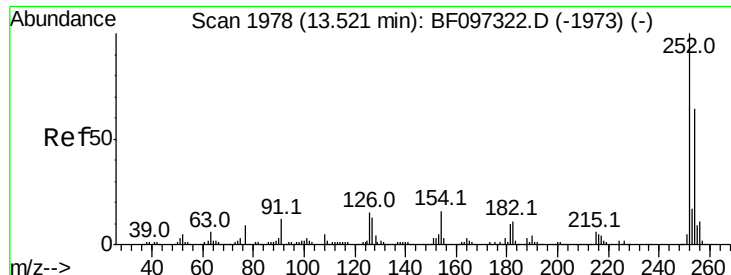
Tot Ion:149 Resp: 382487
Ion Ratio Lower Upper
149 100
91 70.8 45.0 67.4#
206 16.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 44.494 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion:228 Resp: 580713
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.5 16.3 24.5

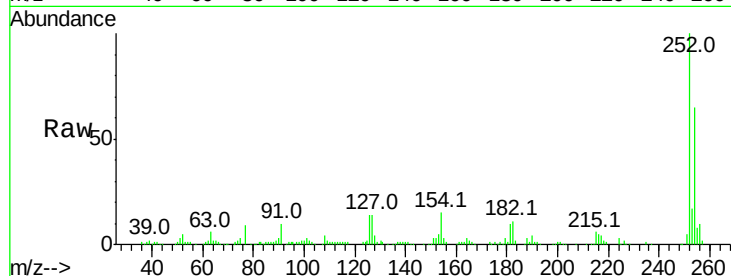




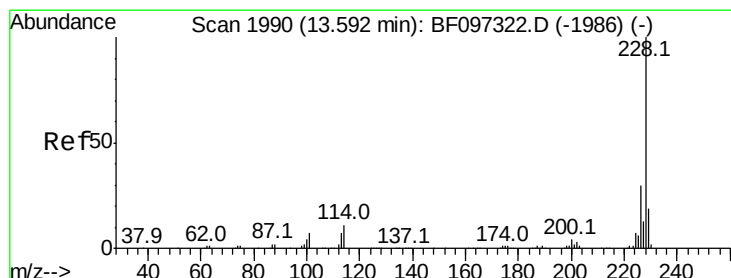
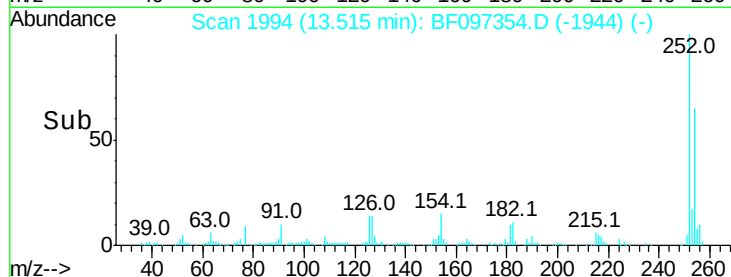
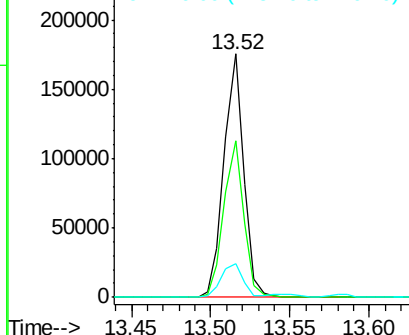
#81
 3,3'-Dichlorobenzidine
 Concen: 30.978 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	14.0	15.8	23.8#

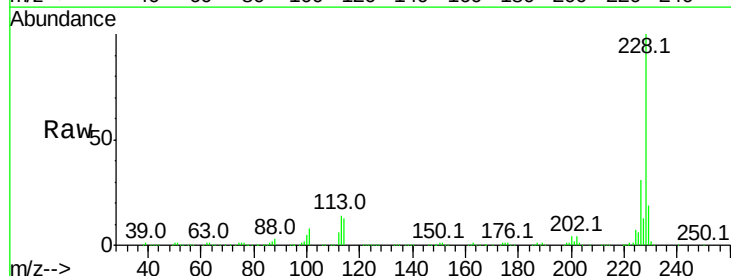


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

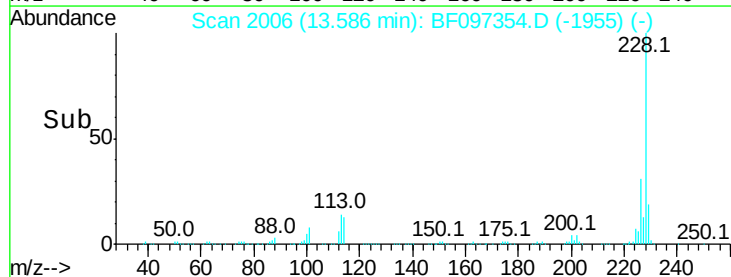
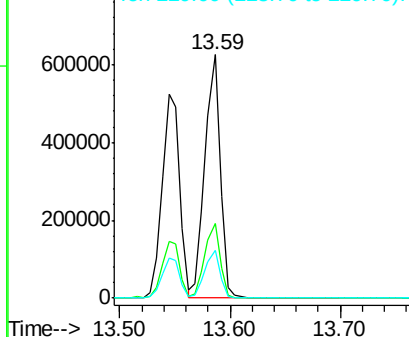


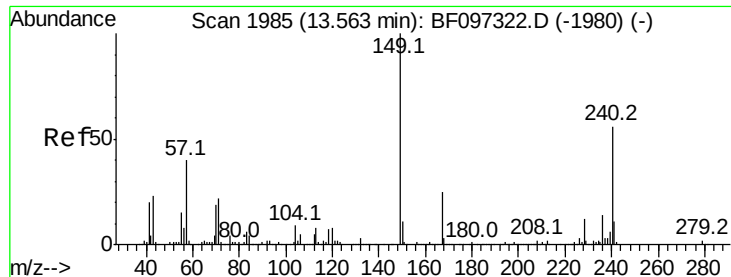
#82
 Chrysene
 Concen: 45.915 ng
 RT: 13.59 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.5	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: 41.117 ng

RT: 13.56 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampled :

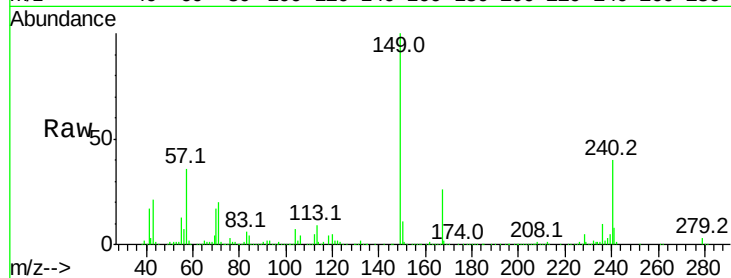
Tot Ion:149 Resp: 450950

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

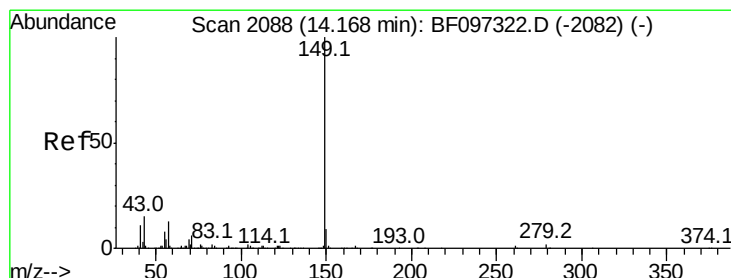
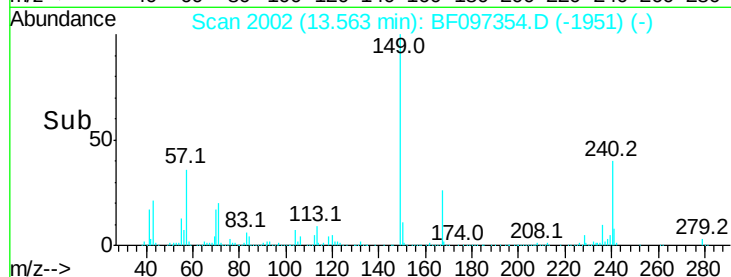
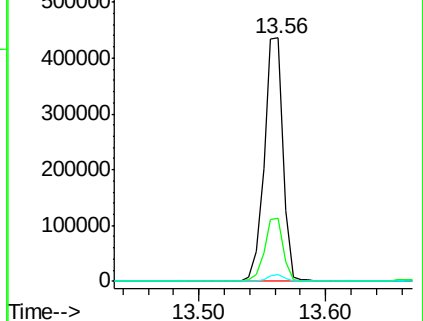
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.577 ng

RT: 14.16 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

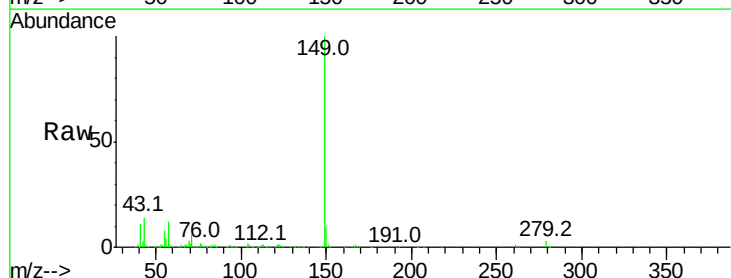
Tgt Ion:149 Resp: 756289

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

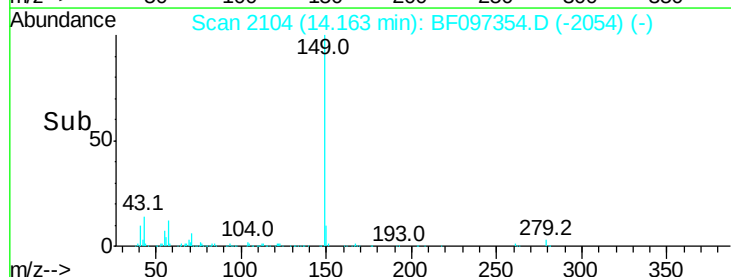
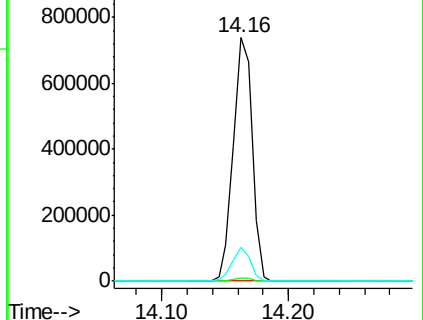
43 13.1 8.5 12.7#

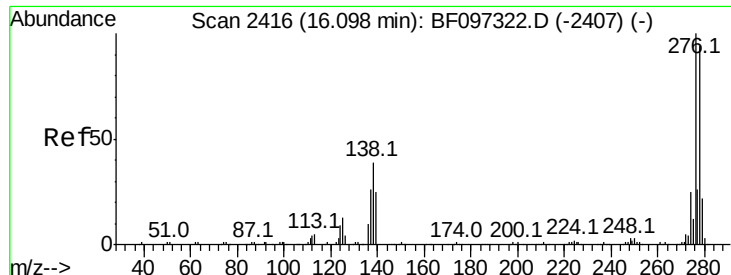


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

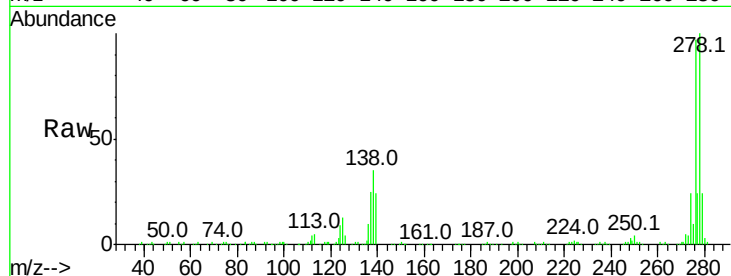




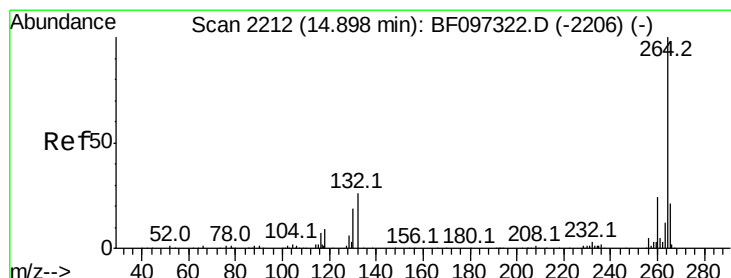
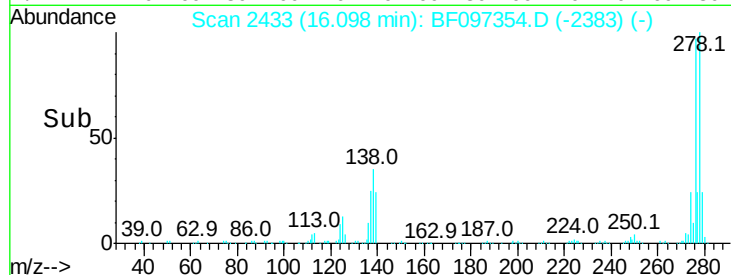
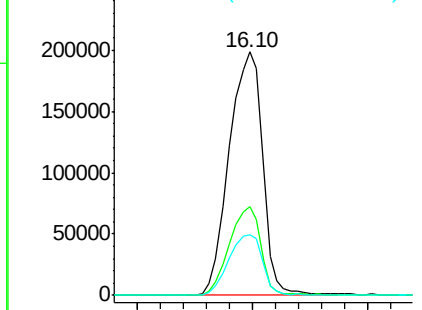
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.467 ng
 RT: 16.10 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 398511
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.2 20.2 30.4

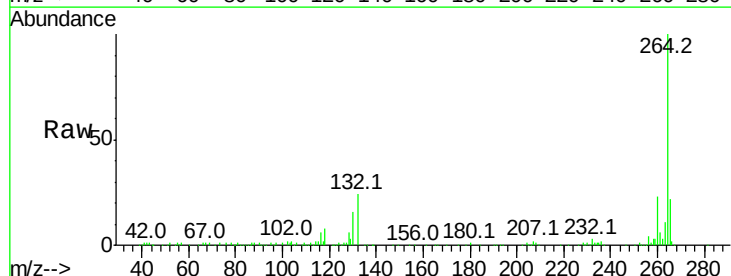


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

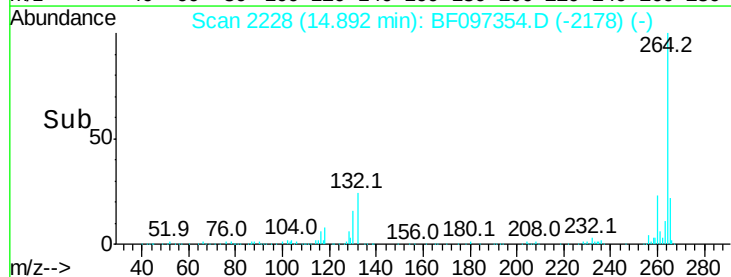
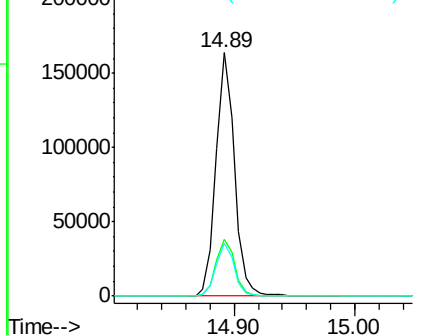


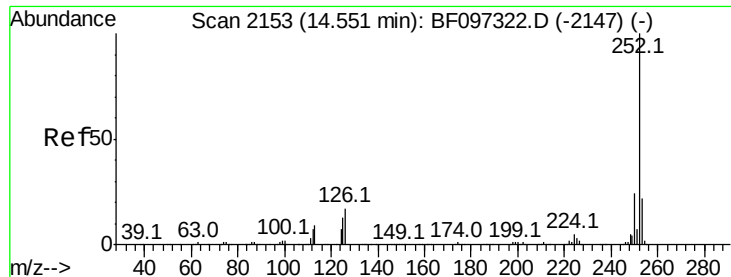
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF097354.D
 Acq: 4 Aug 2017 14:22

Tgt Ion:264 Resp: 172785
 Ion Ratio Lower Upper
 264 100
 260 23.5 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

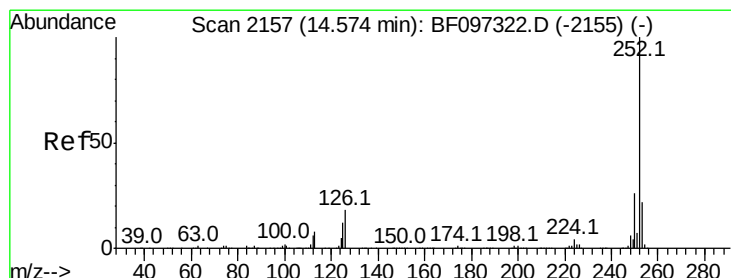
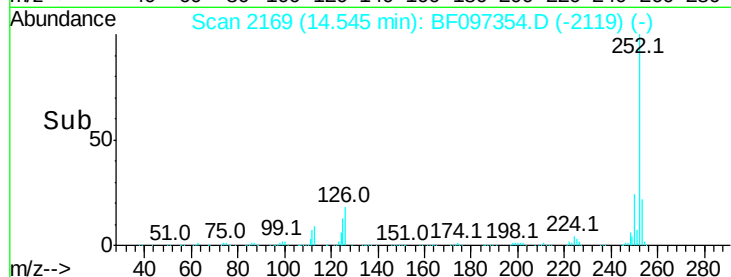
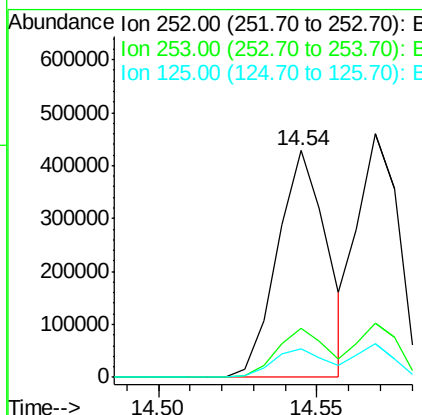
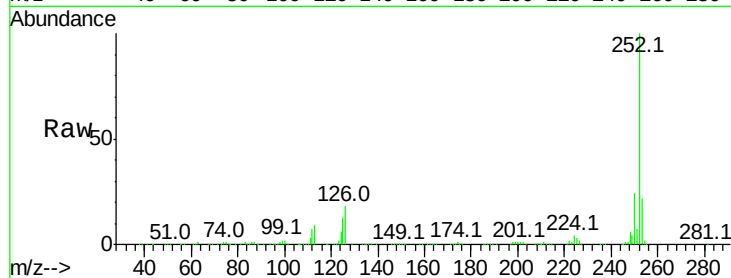




#87
Benzo(b)fluoranthene
Concen: 44.898 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

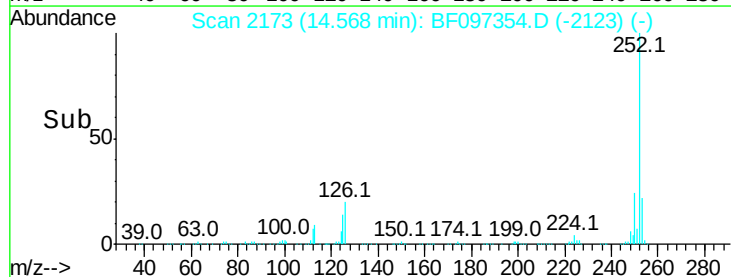
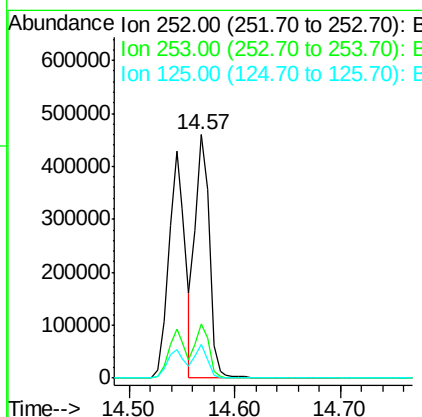
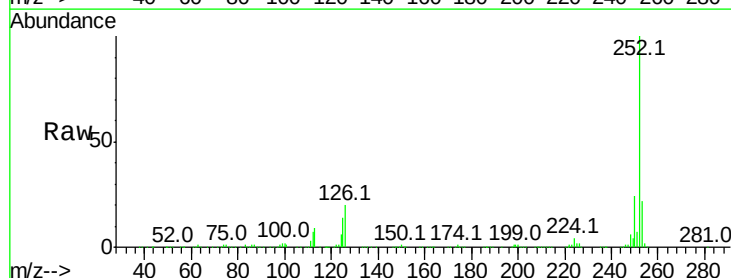
Instrument :
BNA_F
ClientSampleId :

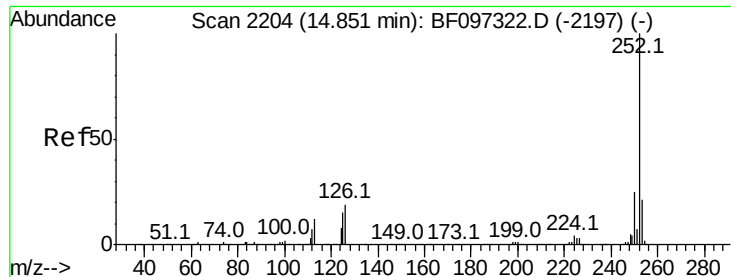
Tot Ion:252 Resp: 466329
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.482 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF097354.D
Acq: 4 Aug 2017 14:22

Tgt Ion:252 Resp: 420465
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 44.088 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampled :

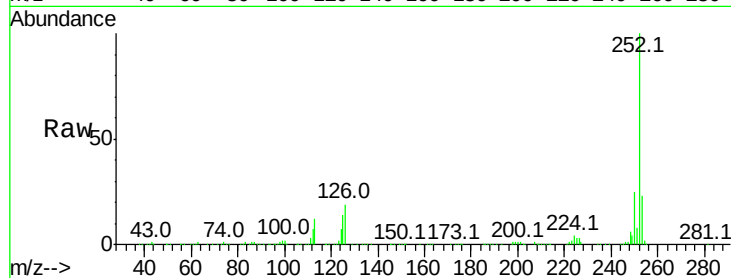
Tot Ion:252 Resp: 419096

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

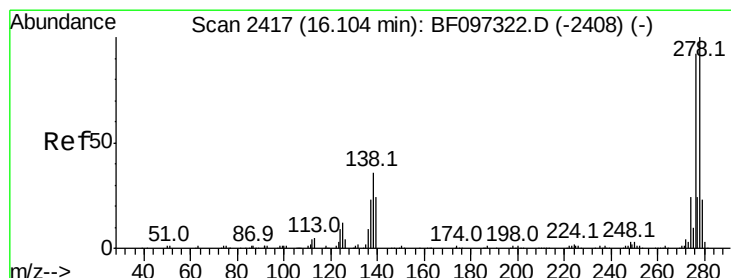
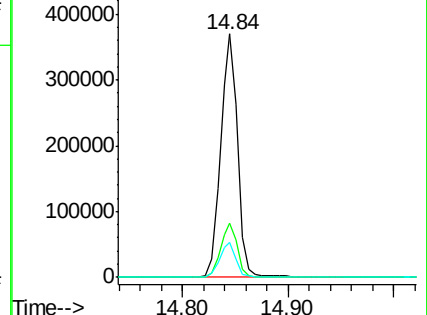
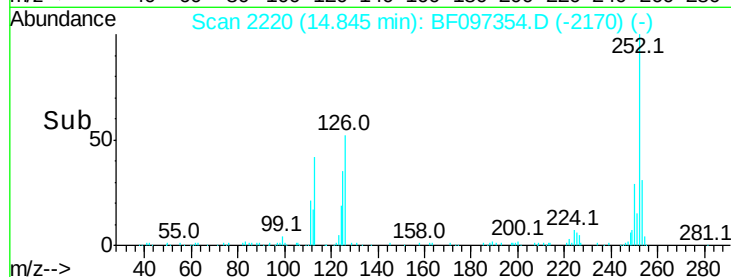
125 14.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.999 ng

RT: 16.10 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

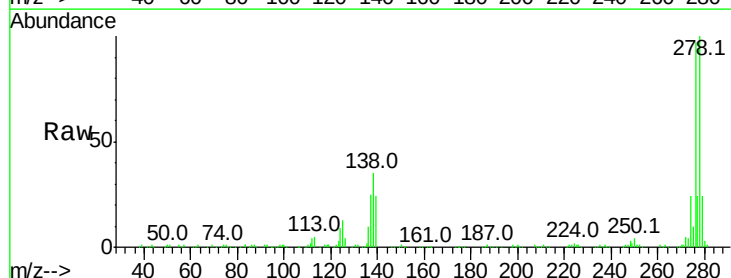
Tgt Ion:278 Resp: 327400

Ion Ratio Lower Upper

278 100

139 23.5 16.6 24.8

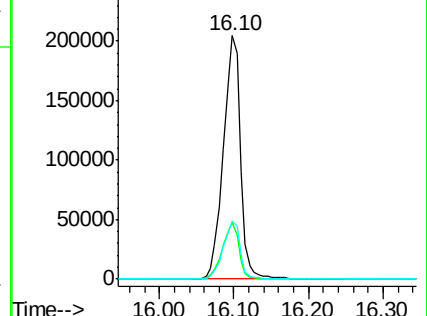
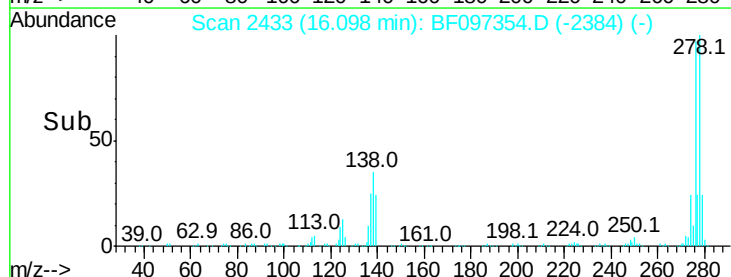
279 23.7 19.3 28.9

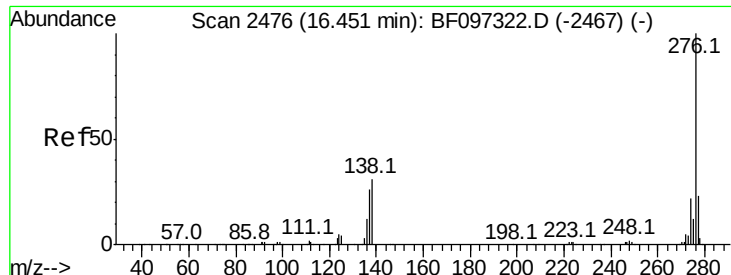


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.039 ng

RT: 16.45 min Scan# 2493

Delta R.T. -0.01 min

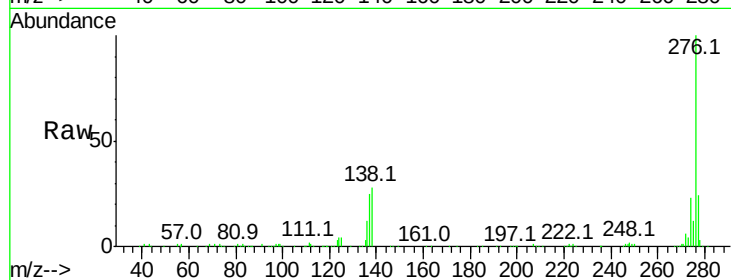
Lab File: BF097354.D

Acq: 4 Aug 2017 14:22

Instrument :

BNA_F

ClientSampleId :



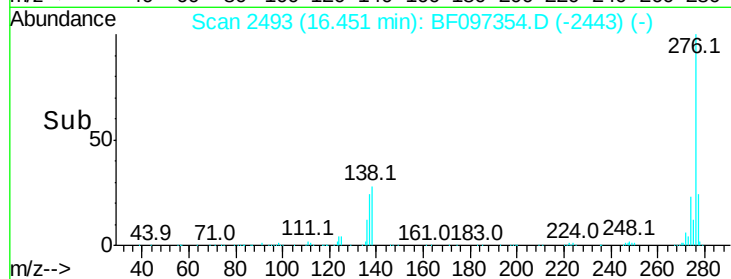
Tot Ion:276 Resp: 351836

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 28.4 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

