

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097910.D
 Acq On : 21 Aug 2017 17:30
 Operator : SJ/JU
 Sample : PB101695BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Quant Time: Aug 22 03:56:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	118433	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	473899	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215367	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	424368	20.00	ng	0.00
75) Chrysene-d12	13.90	240	341853	20.00	ng	0.00
86) Perylene-d12	15.32	264	257344	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1002767	128.79	ng	0.02
7) Phenol-d6	6.39	99	1359037	128.46	ng	0.00
23) Nitrobenzene-d5	7.32	82	855928	98.12	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	265249	141.95	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1270744	86.69	ng	0.00
78) Terphenyl-d14	12.86	244	1143534	69.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	166153	38.26	ng	91
3) Pyridine	3.24	79	473459	39.44	ng	86
4) n-Nitrosodimethylamine	3.19	42	194336	42.07	ng	83
6) Aniline	6.42	93	444512	29.91	ng	98
8) 2-Chlorophenol	6.54	128	356208	43.38	ng	98
9) Benzaldehyde	6.30	77	249281	37.20	ng	89
10) Phenol	6.40	94	511526	41.34	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	412816	44.21	ng	96
12) 1,3-Dichlorobenzene	6.69	146	355616	40.26	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	358043	39.86	ng	95
14) 1,2-Dichlorobenzene	6.92	146	330586	39.91	ng	99
15) Benzyl Alcohol	6.90	79	355039	44.83	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	514524	40.95	ng	92
17) 2-Methylphenol	7.01	107	329942	45.60	ng	95
18) Hexachloroethane	7.26	117	147277	41.82	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	290573	40.12	ng	92
20) 3+4-Methylphenols	7.16	107	381786	43.20	ng	94
22) Acetophenone	7.16	105	514075	41.06	ng	# 92
24) Nitrobenzene	7.33	77	457492	47.10	ng	92
25) Isophorone	7.57	82	818137	45.10	ng	96
26) 2-Nitrophenol	7.65	139	184620	51.98	ng	# 79
27) 2,4-Dimethylphenol	7.69	122	334477	44.21	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	508152	42.61	ng	98
29) 2,4-Dichlorophenol	7.89	162	282662	45.01	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	285430	41.00	ng	99
31) Naphthalene	8.06	128	1019212	41.43	ng	100
32) Benzoic acid	7.83	122	248261	45.44	ng	# 84
33) 4-Chloroaniline	8.10	127	310942	29.97	ng	99
34) Hexachlorobutadiene	8.17	225	163919	40.33	ng	98
35) Caprolactam	8.49	113	64675	30.29	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	359840	44.60	ng	# 77
37) 2-Methylnaphthalene	8.75	142	671853	44.54	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	259592	39.28	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	337661	106.34	ng	100

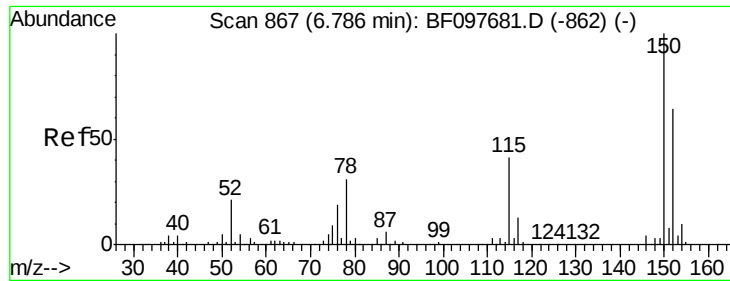
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
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 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	196752	44.34	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	205217	46.62	nq	97
45) 1,1'-Biphenyl	9.21	154	781841	39.81	nq	95
46) 2-Chloronaphthalene	9.23	162	581191	40.05	nq	# 92
47) 2-Nitroaniline	9.33	65	245334	50.43	nq	98
48) Acenaphthylene	9.65	152	967123	42.44	nq	99
49) Dimethylphthalate	9.52	163	700203	44.48	nq	99
50) 2,6-Dinitrotoluene	9.57	165	150372	47.85	nq	# 54
51) Acenaphthene	9.82	154	582498	40.53	nq	99
52) 3-Nitroaniline	9.74	138	150547	37.13	nq	81
53) 2,4-Dinitrophenol	9.85	184	165372	106.75	nq	# 79
54) Dibenzofuran	9.99	168	854488	44.36	nq	100
55) 4-Nitrophenol	9.92	139	295828	91.47	nq	# 43
56) 2,4-Dinitrotoluene	9.98	165	202903	51.45	nq	# 60
57) Fluorene	10.33	166	633257	42.52	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	171918	50.44	nq	95
59) Diethylphthalate	10.22	149	742425	45.10	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	290407	41.98	nq	88
61) 4-Nitroaniline	10.36	138	182124	47.26	nq	# 74
62) Azobenzene	10.49	77	893320	45.68	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	104596	51.56	nq	# 81
65) n-Nitrosodiphenylamine	10.45	169	594273	41.12	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	185115	42.01	nq	99
67) Hexachlorobenzene	10.88	284	180481	40.18	nq	# 88
68) Atrazine	10.98	200	173613	45.30	nq	98
69) Pentachlorophenol	11.07	266	215904	82.44	nq	97
70) Phenanthrene	11.29	178	959643	42.44	nq	100
71) Anthracene	11.35	178	977372	42.61	nq	100
72) Carbazole	11.50	167	947051	43.50	nq	98
73) Di-n-butylphthalate	11.83	149	1171123	46.70	nq	99
74) Fluoranthene	12.48	202	1045662	44.30	nq	99
77) Pyrene	12.70	202	1085339	38.82	nq	99
79) Butylbenzylphthalate	13.33	149	507417	47.33	nq	# 68
80) Benzo(a)anthracene	13.89	228	806546	39.37	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	268400	38.82	nq	# 95
82) Chrysene	13.93	228	819251	40.20	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	601588	50.64	nq	# 98
84) Di-n-octyl phthalate	14.50	149	1159778	56.11	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.70	276	626816	41.81	nq	94
87) Benzo(b)fluoranthene	14.92	252	700082	43.16	nq	98
88) Benzo(k)fluoranthene	14.94	252	670251	43.98	nq	# 94
89) Benzo(a)pyrene	15.26	252	645735	44.97	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	509091	43.55	nq	99
91) Benzo(g,h,i)perylene	17.12	276	533174	43.71	nq	93

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

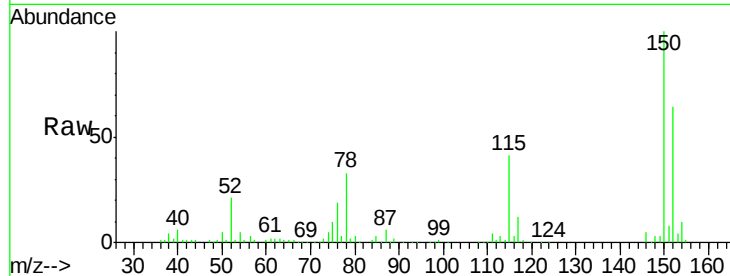


#1

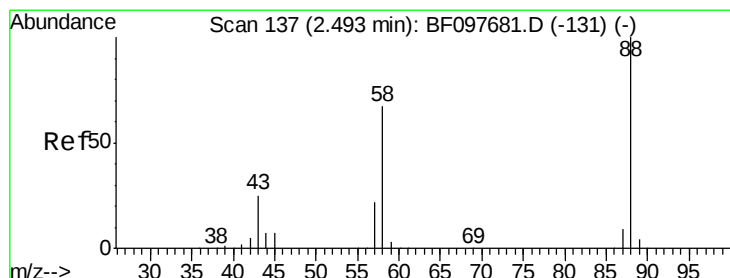
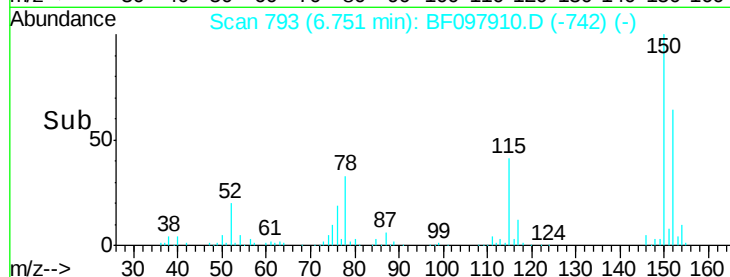
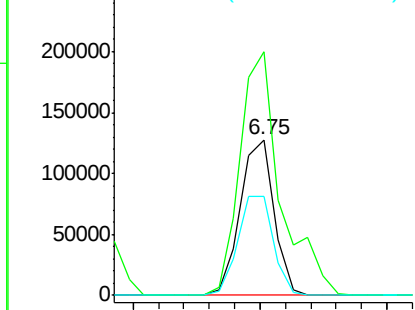
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion:152 Resp: 118433
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 63.9 52.2 78.2



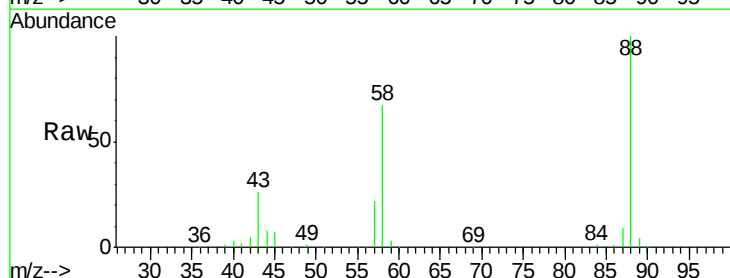
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



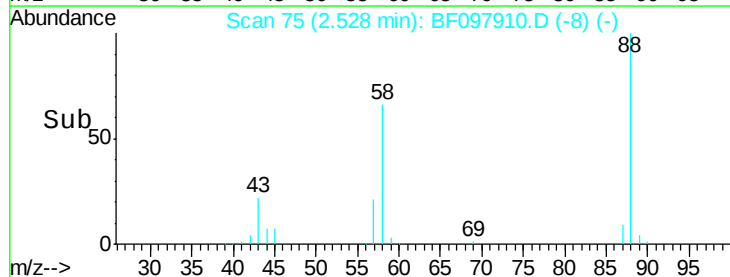
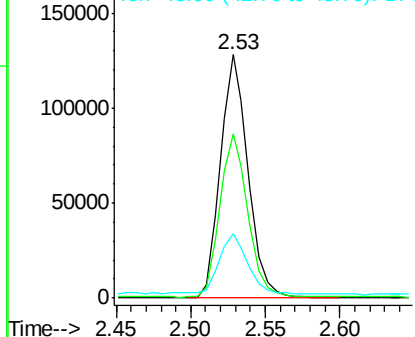
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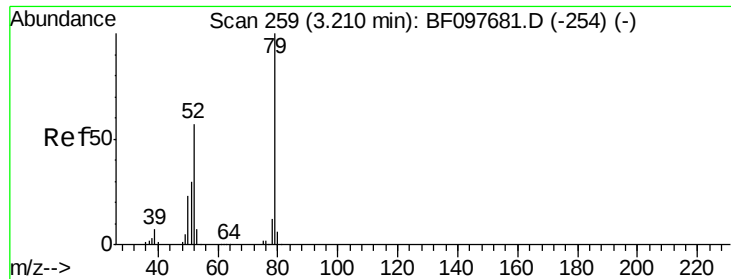
1,4-Dioxane
Concen: 38.26 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.09 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion: 88 Resp: 166153
Ion Ratio Lower Upper
88 100
58 67.6 61.4 92.0
43 26.1 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

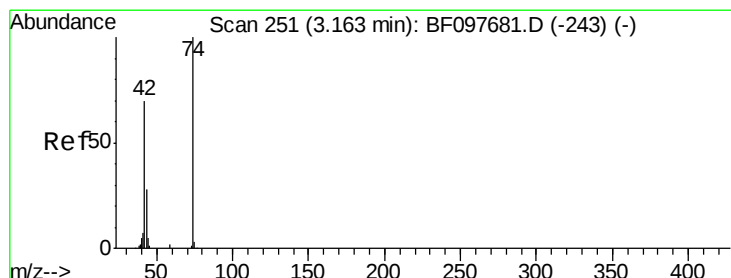
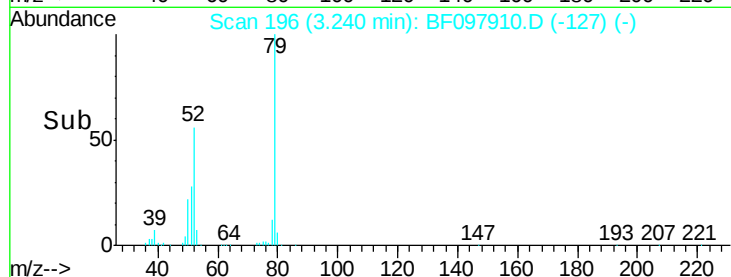
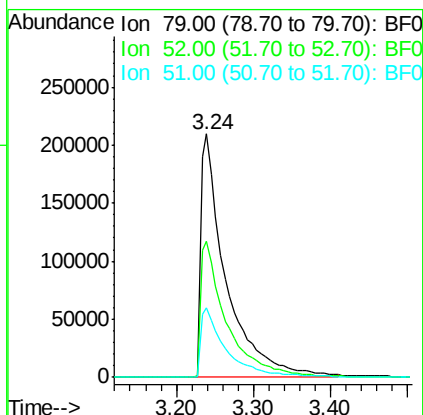
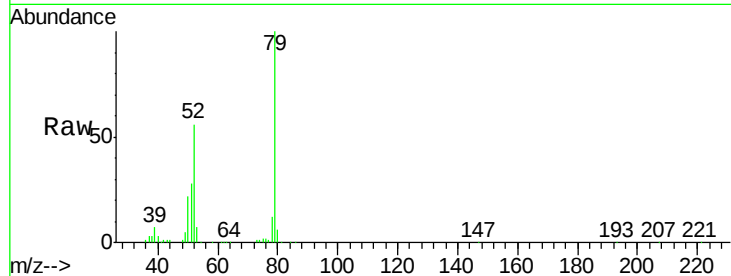




#3
 Pvridine
 Concen: 39.44 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.11 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

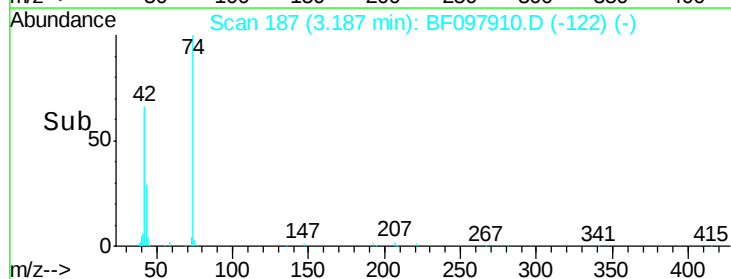
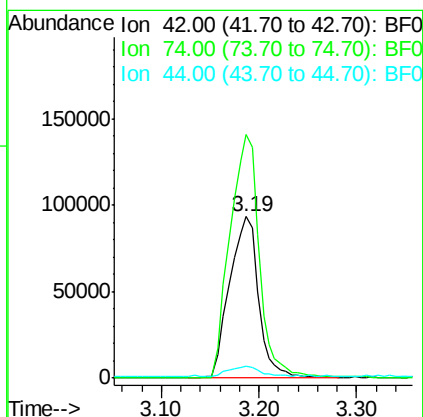
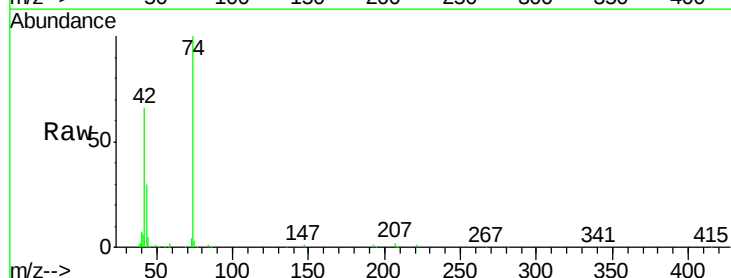
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

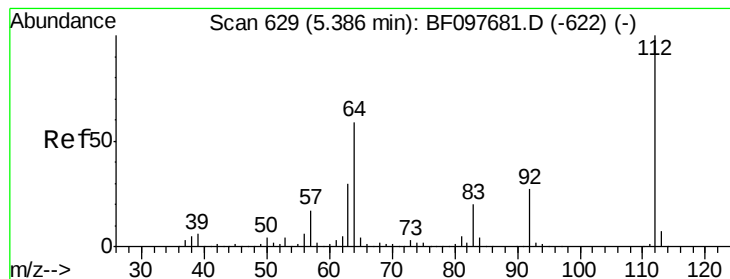
Tot Ion: 79 Resp: 473459
 Ion Ratio Lower Upper
 79 100
 52 55.7 54.8 82.2
 51 28.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 42.07 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.08 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion: 42 Resp: 194336
 Ion Ratio Lower Upper
 42 100
 74 151.0 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 128.79 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

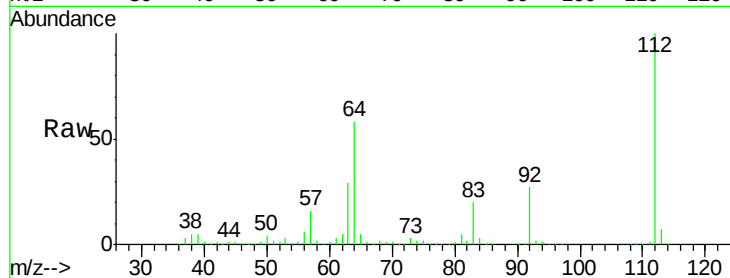
Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion:112 Resp: 1002767

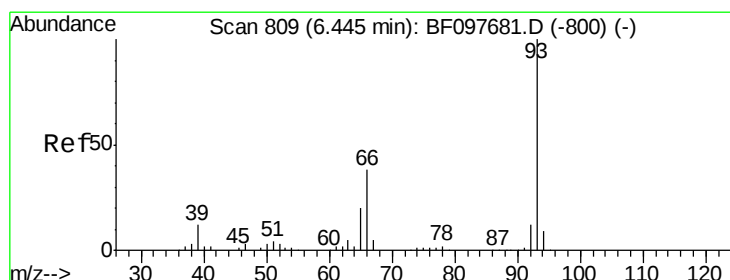
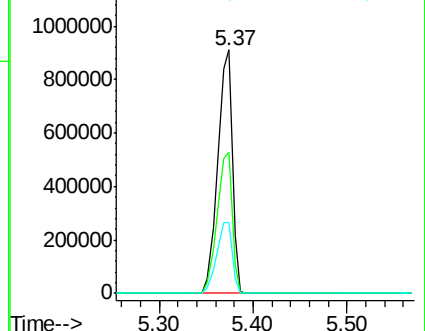
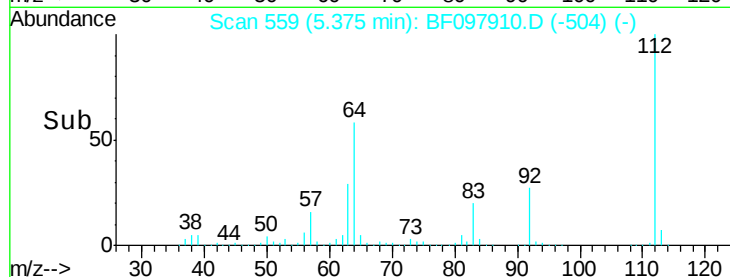
Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.2	23.4	35.0



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



#6

Aniline

Concen: 29.91 ng

RT: 6.42 min Scan# 736

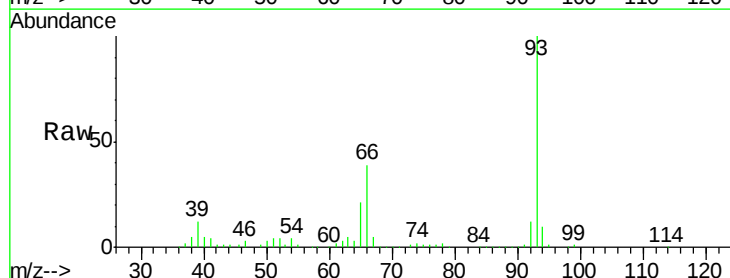
Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion: 93 Resp: 444512

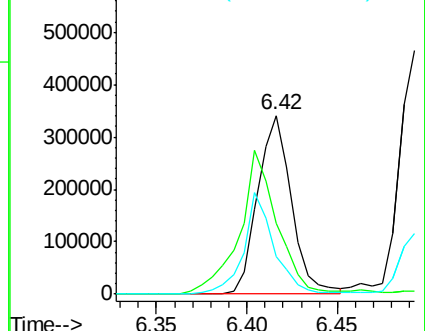
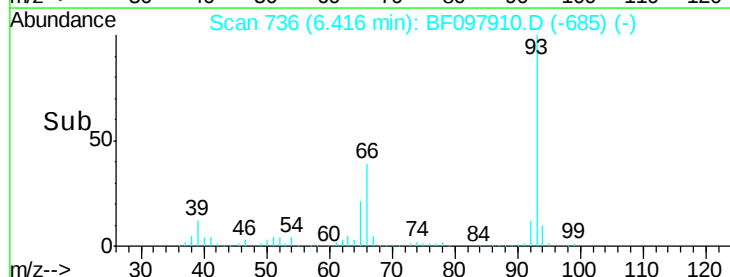
Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.9	49.3
65	20.9	16.0	24.0

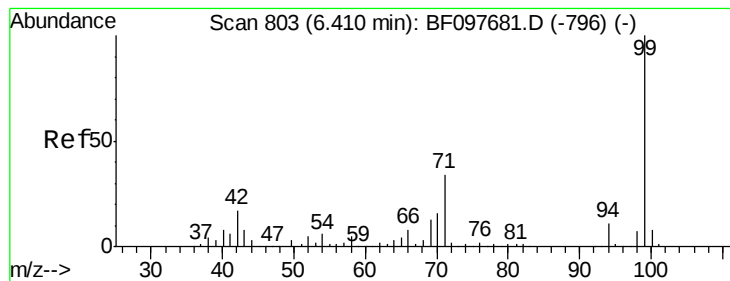


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.46 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

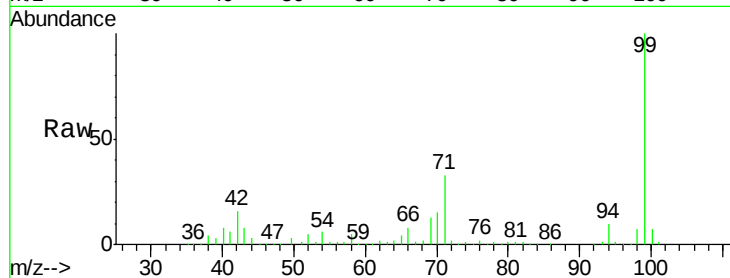
BNA_F

ClientSampleId :

PB101695BS

Tot Ion: 99 Resp: 1359037

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.2	24.5	36.7

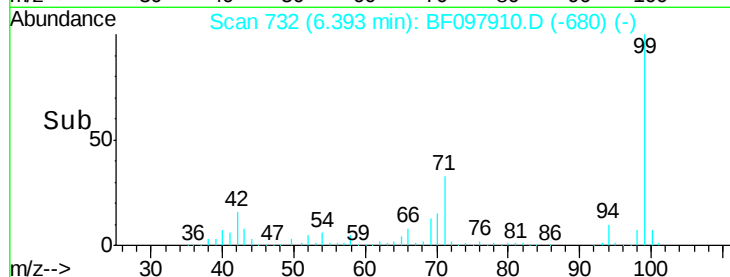


Abundance

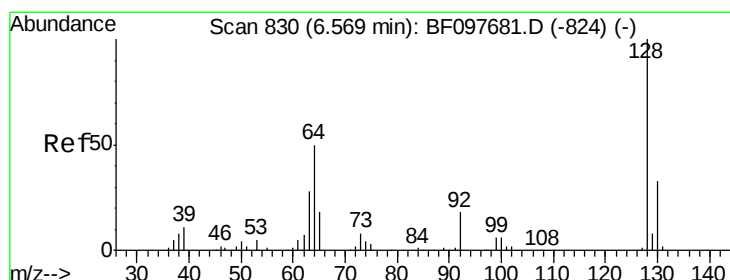
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 43.38 ng

RT: 6.54 min Scan# 757

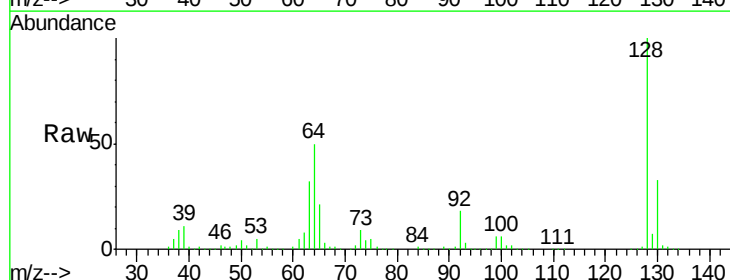
Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:128 Resp: 356208

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	50.1	28.4	68.4

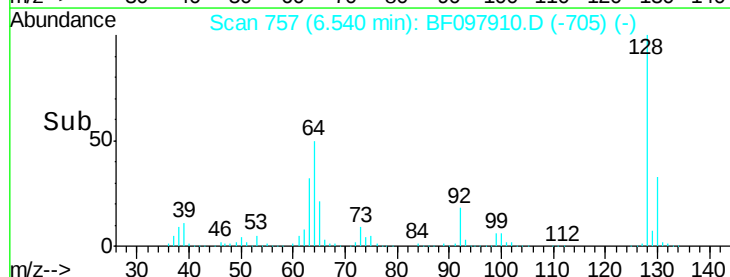


Abundance

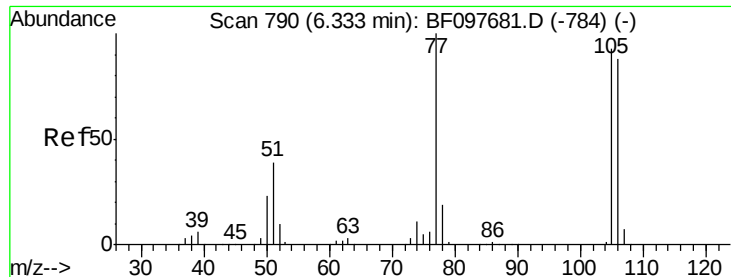
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 37.20 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

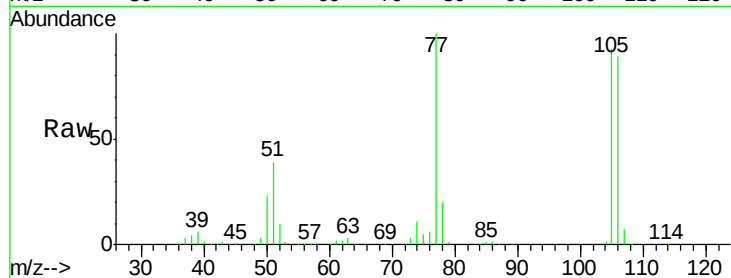
Tot Ion: 77 Resp: 249281

Ion Ratio Lower Upper

77 100

105 92.8 83.8 123.8

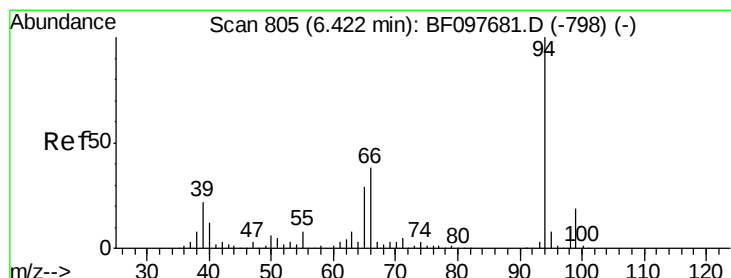
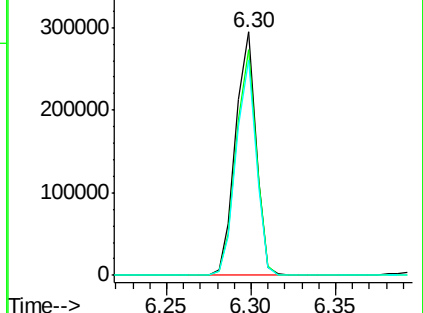
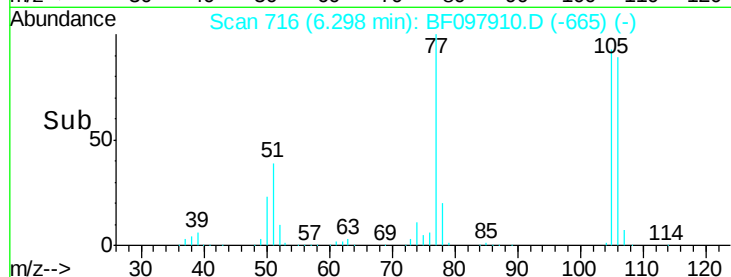
106 88.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.34 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

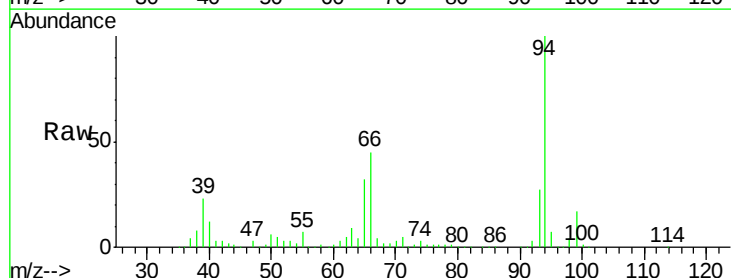
Tgt Ion: 94 Resp: 511526

Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

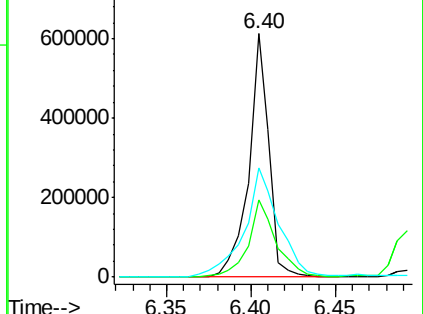
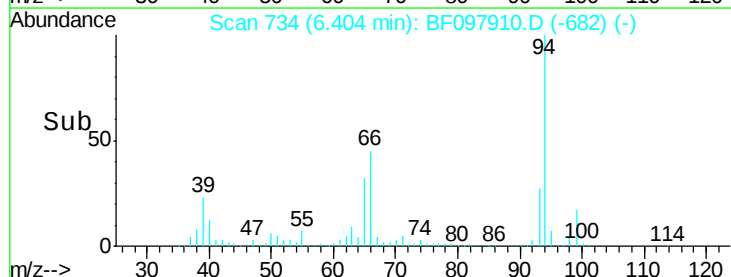
66 44.9 23.1 63.1

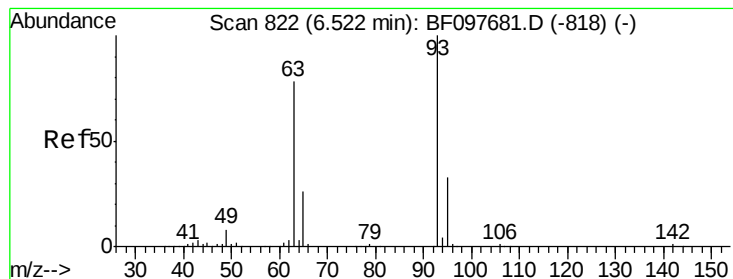


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.21 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

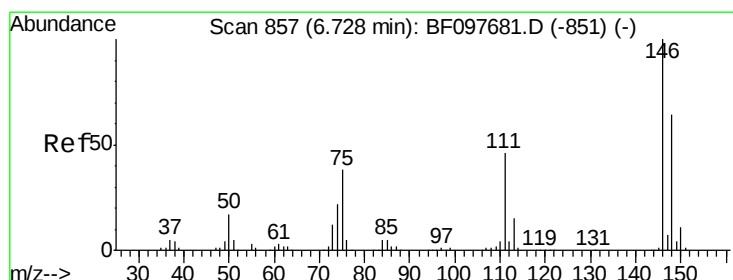
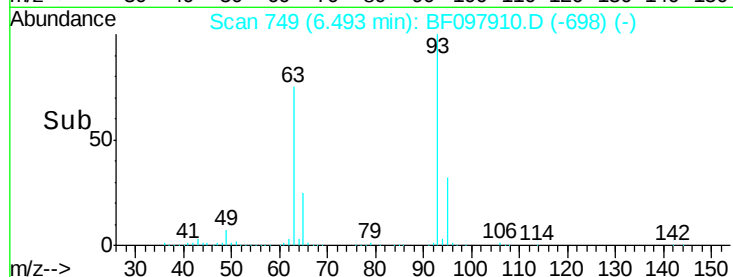
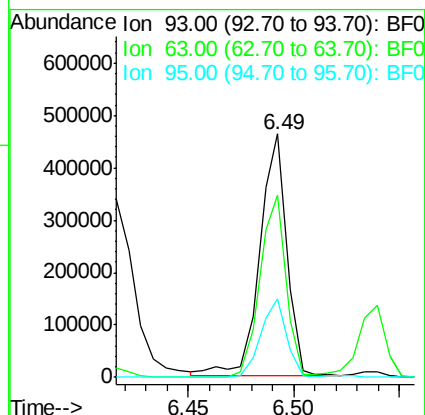
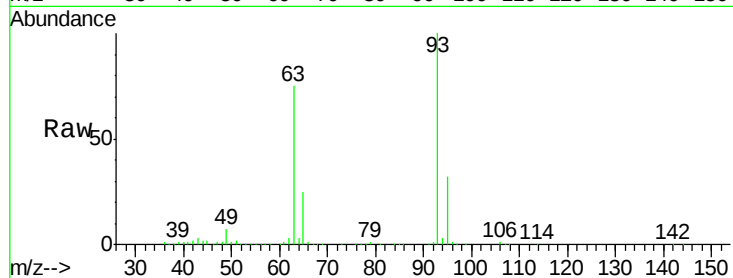
Tot Ion: 93 Resp: 412816

Ion Ratio Lower Upper

93 100

63 74.6 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.26 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

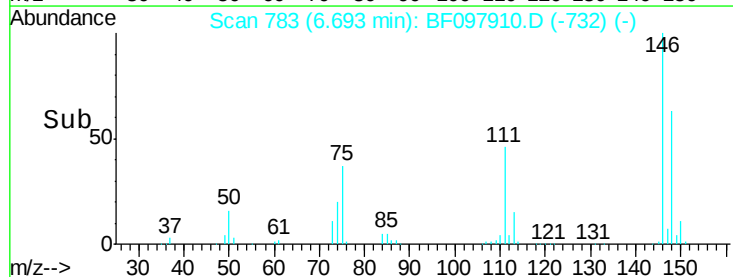
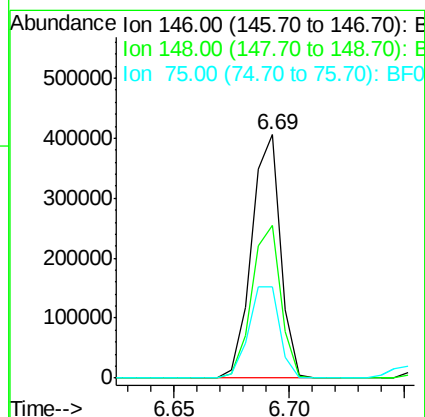
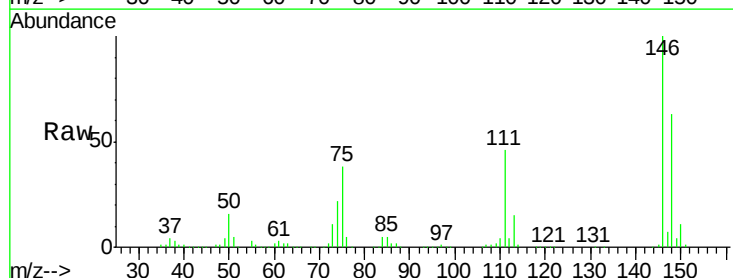
Tgt Ion: 146 Resp: 355616

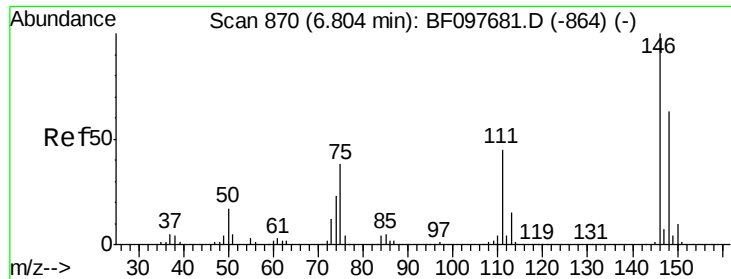
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

75 37.6 23.1 34.7#

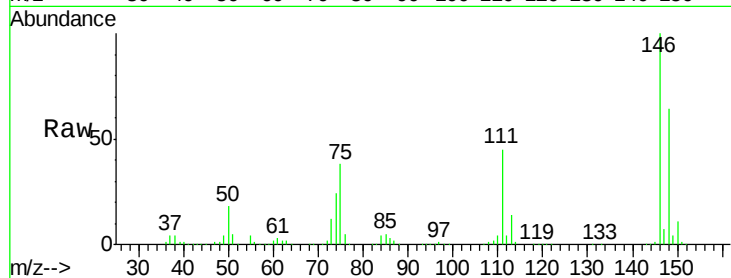




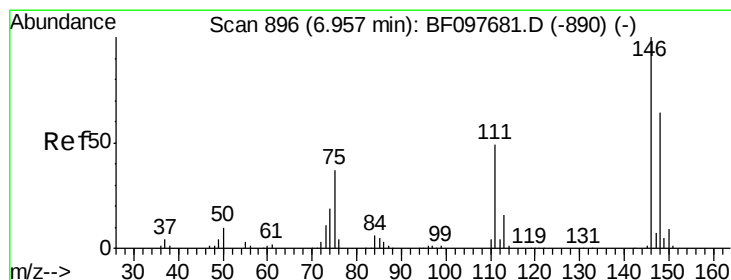
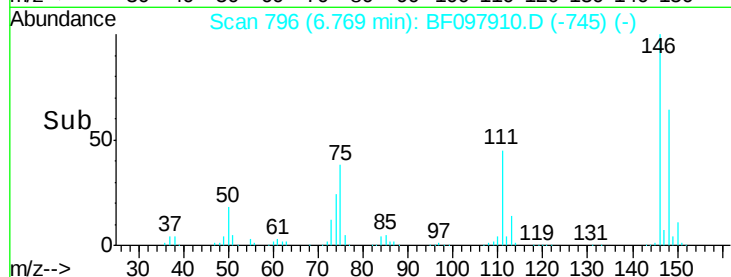
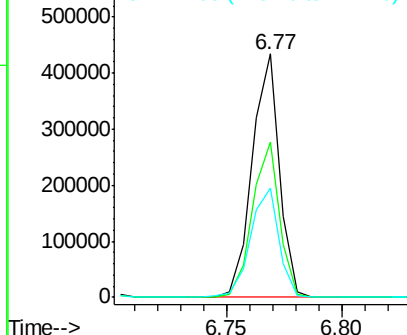
#13
 1,4-Dichlorobenzene
 Concen: 39.86 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion:146 Resp: 358043
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 45.1 30.3 45.5

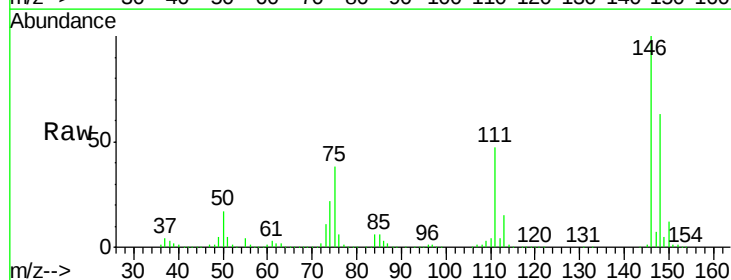


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

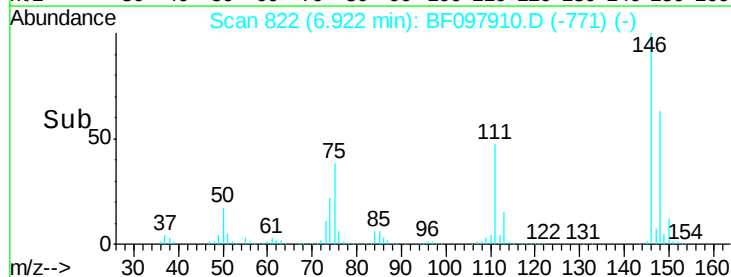
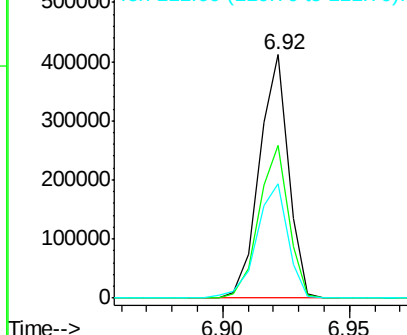


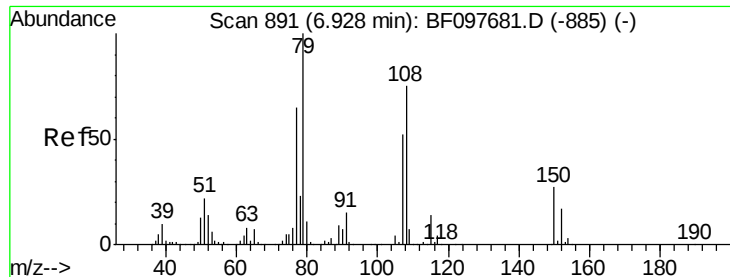
#14
 1,2-Dichlorobenzene
 Concen: 39.91 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:146 Resp: 330586
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 46.8 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 44.83 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

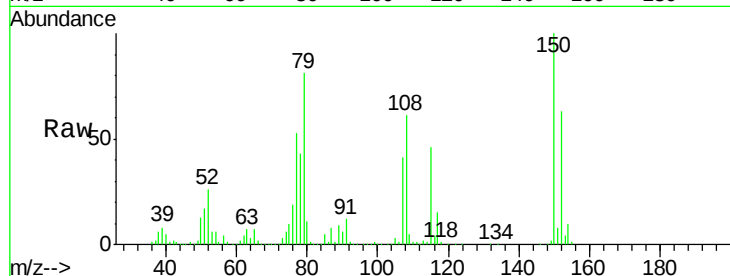
Tot Ion: 79 Resp: 355039

Ion Ratio Lower Upper

79 100

108 75.5 63.4 95.0

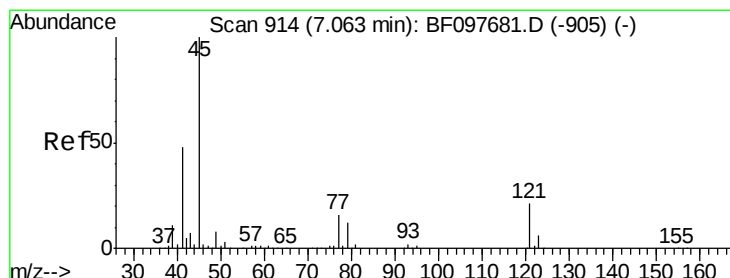
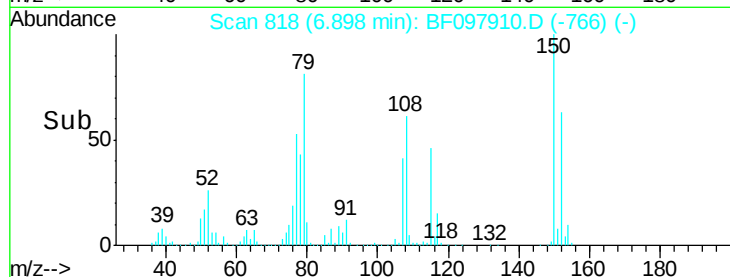
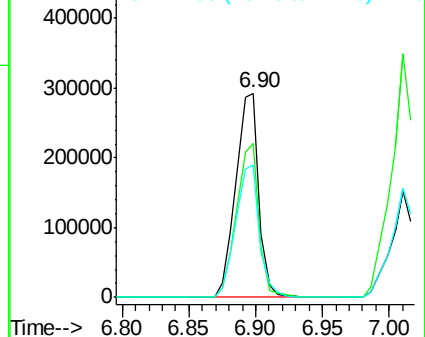
77 64.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.95 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

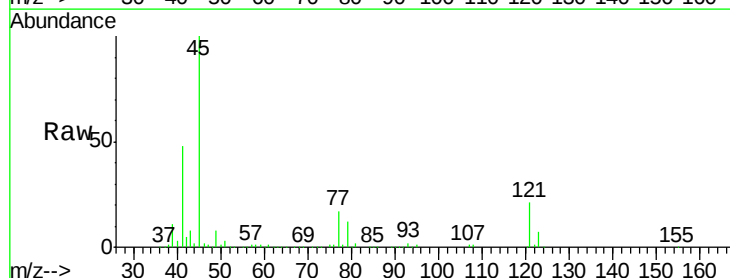
Tgt Ion: 45 Resp: 514524

Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

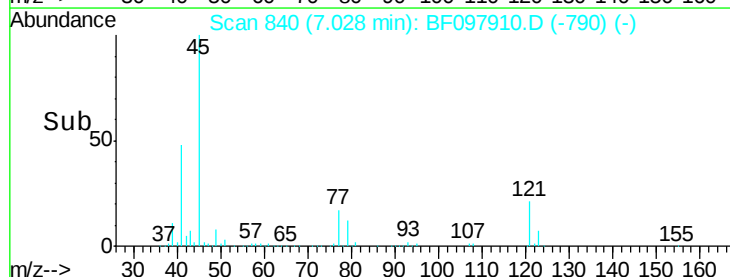
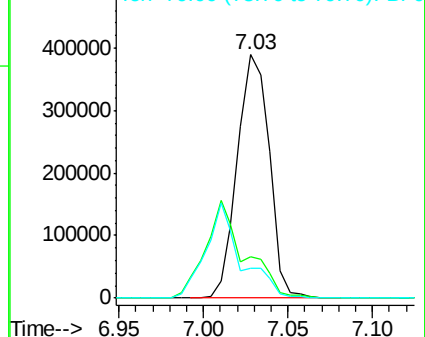
79 12.4 0.0 30.0

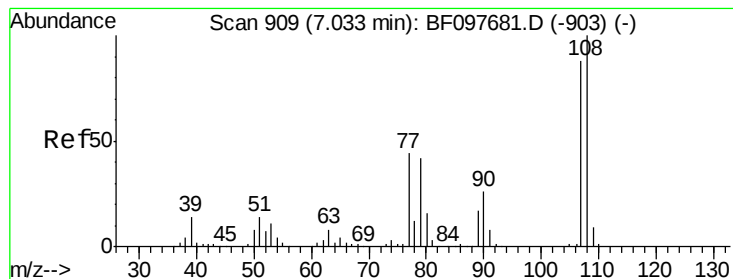


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 45.60 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:107 Resp: 329942

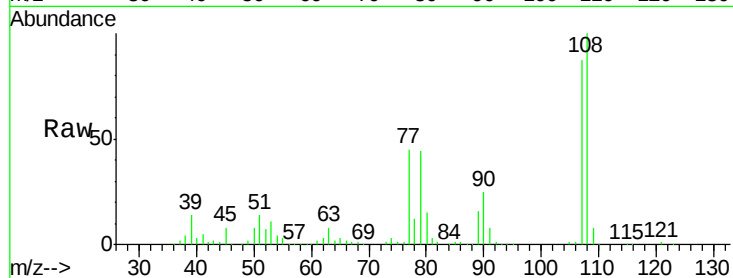
Ion Ratio Lower Upper

107 100

108 115.6 93.4 140.0

77 51.7 35.8 53.6

79 50.4 34.8 52.2

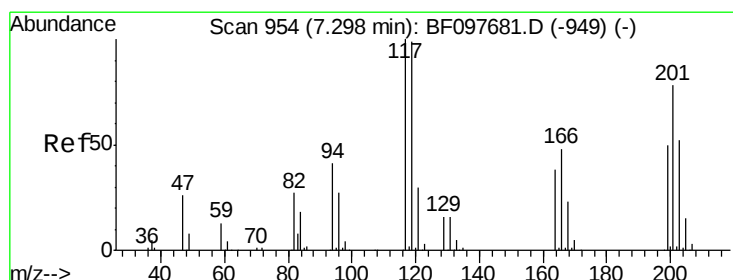
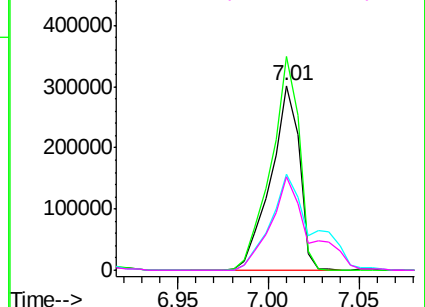
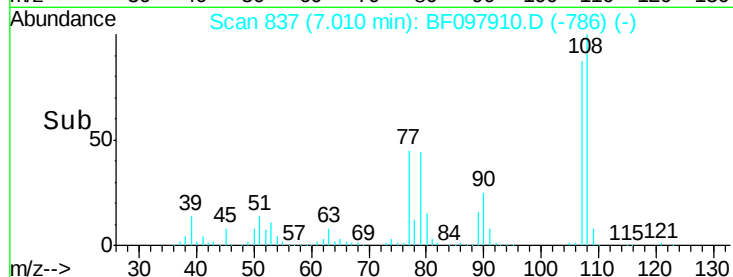


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.82 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

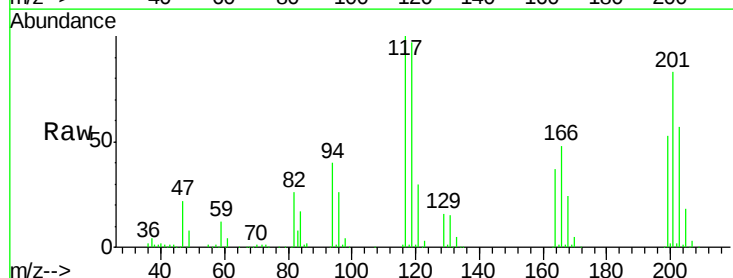
Tgt Ion:117 Resp: 147277

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

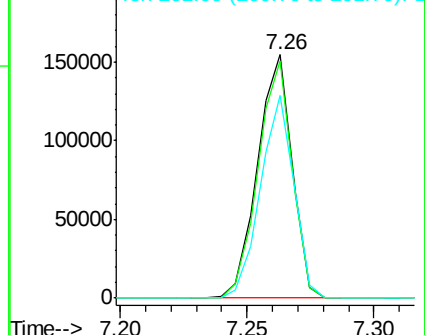
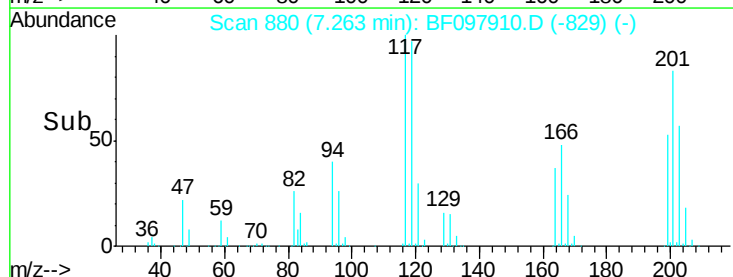
201 83.4 94.6 141.8#

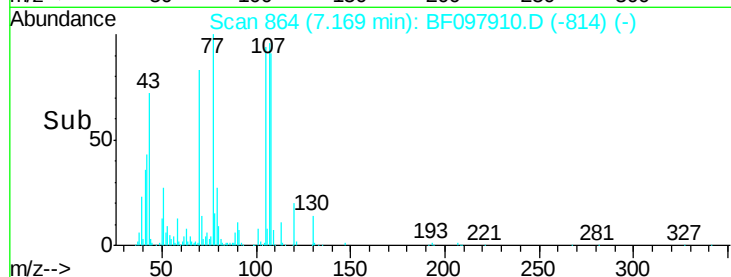
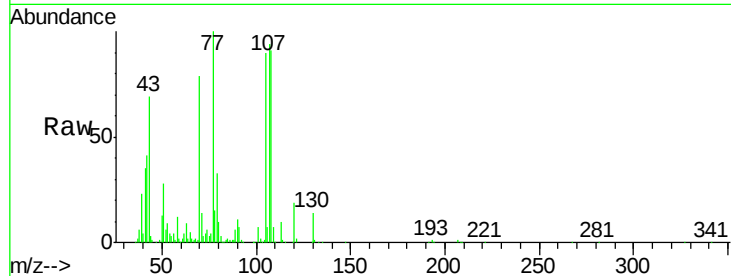
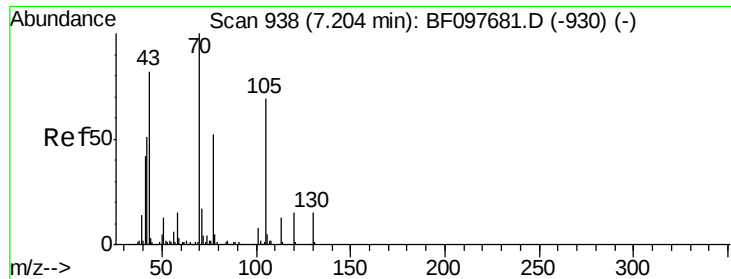


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

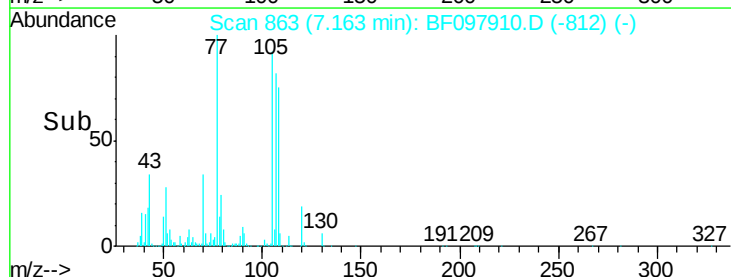
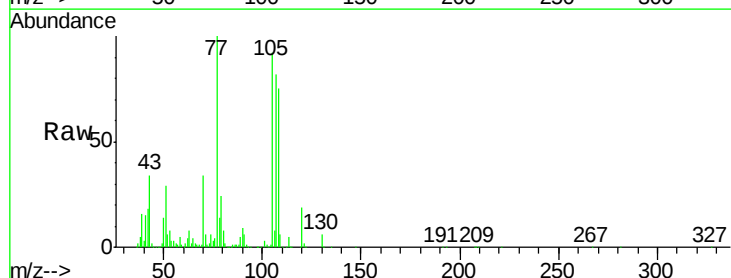
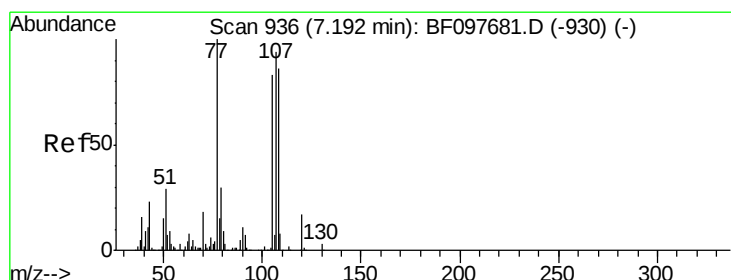
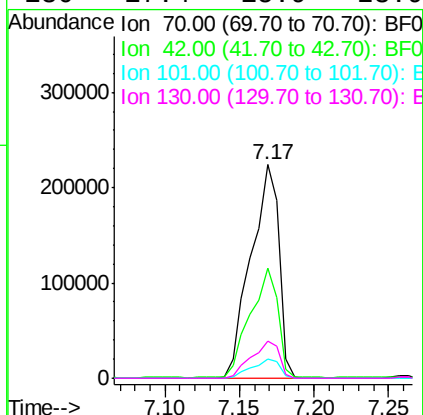




#19
n-Nitroso-di-n-propylamine
Concen: 40.12 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

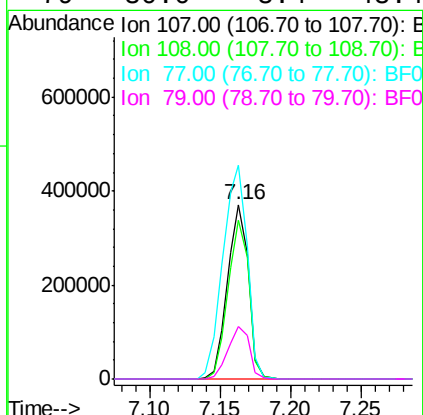
Instrument :
BNA_F
ClientSampleId :
PB101695BS

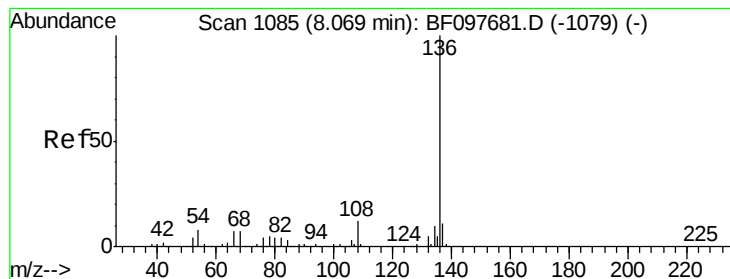
Tot Ion:	70	Resp:	290573
Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.2	70.8
101	9.1	7.2	10.8
130	17.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.20 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:	107	Resp:	381786
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	122.5	90.5	130.5
79	30.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

Tot Ion:136 Resp: 473899

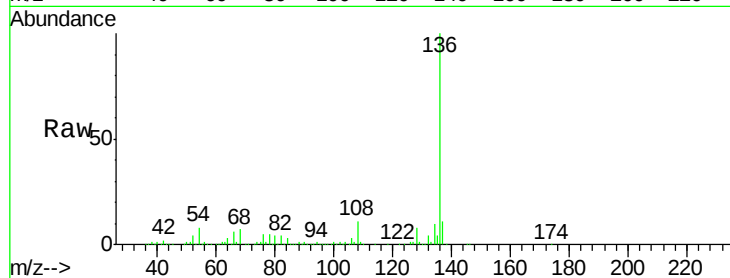
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 7.4 4.1 6.1#

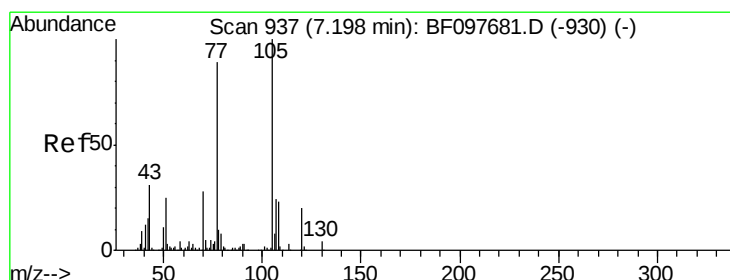
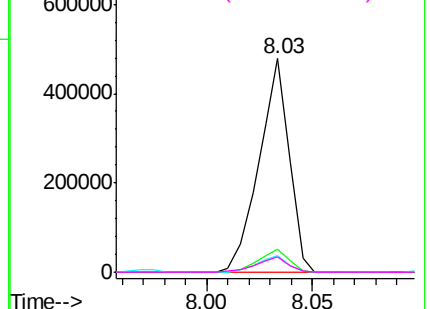
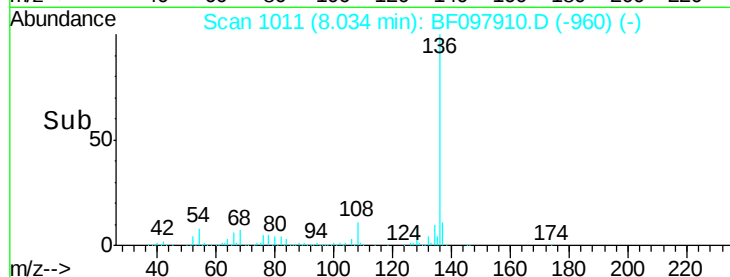


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.06 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:105 Resp: 514075

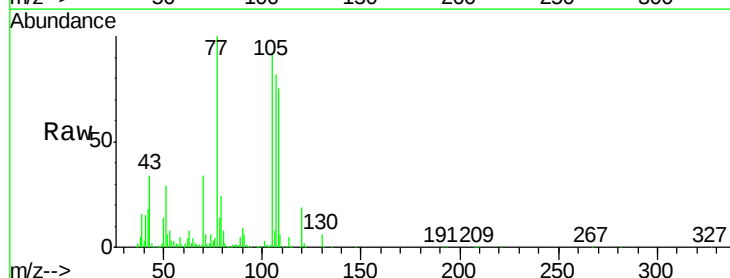
Ion Ratio Lower Upper

105 100

71 6.2 2.8 4.2#

51 31.1 30.7 46.1

120 20.6 17.4 26.0

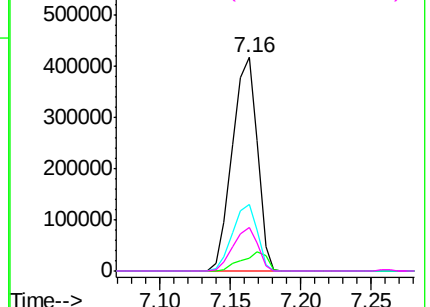
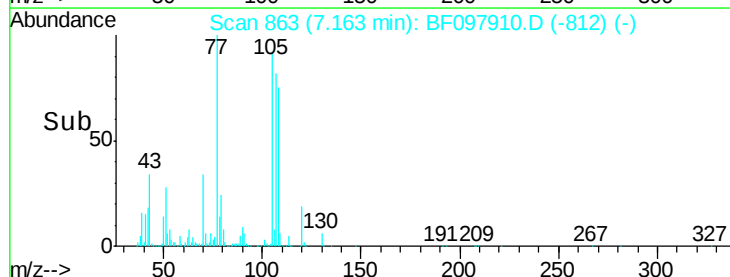


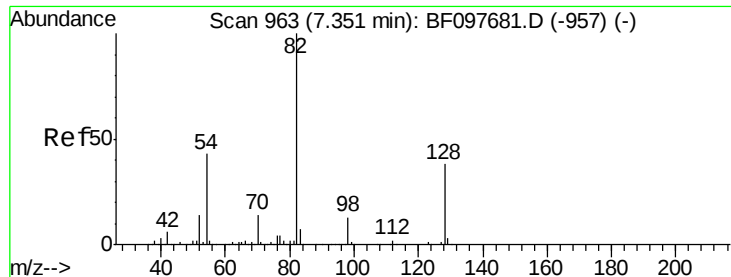
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

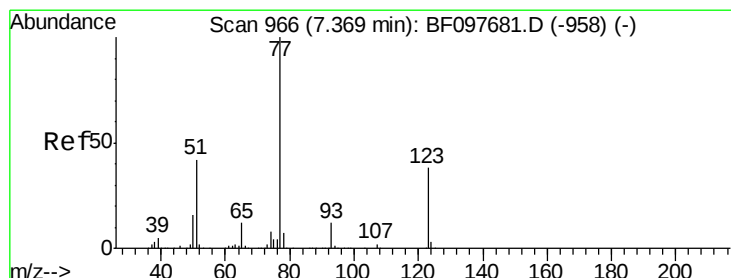
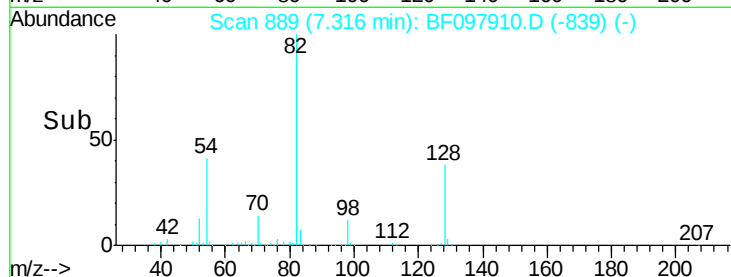
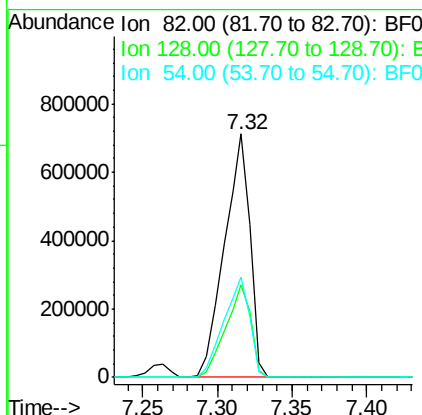
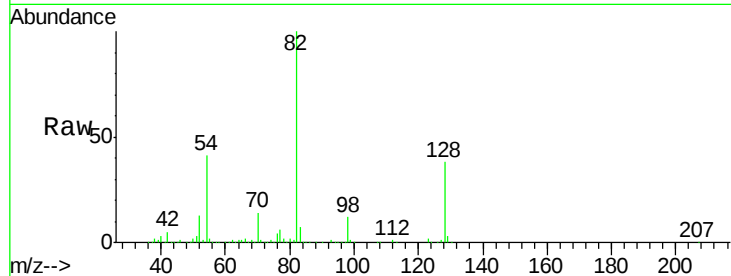




#23
 Nitrobenzene-d5
 Concen: 98.12 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

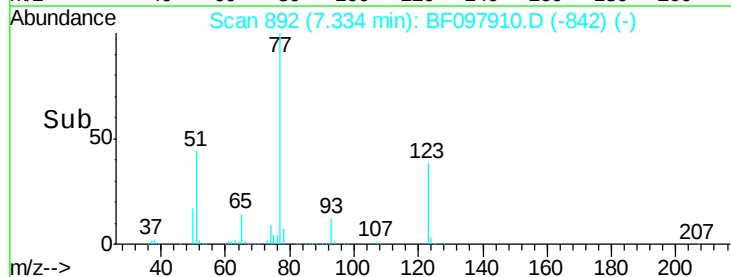
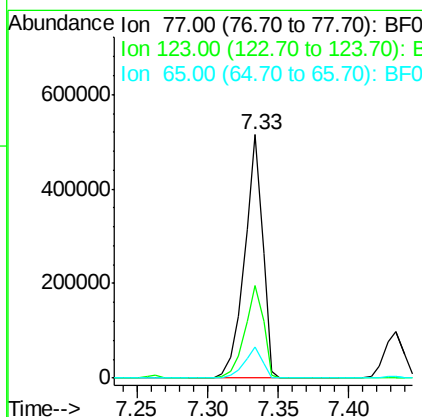
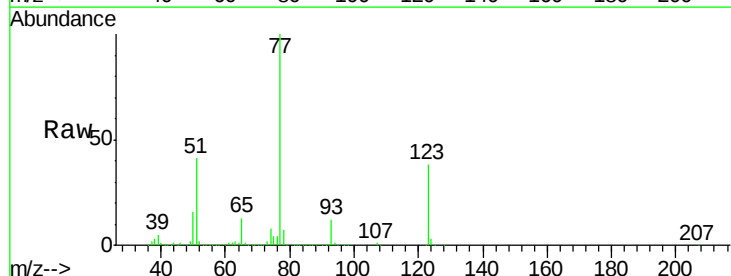
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

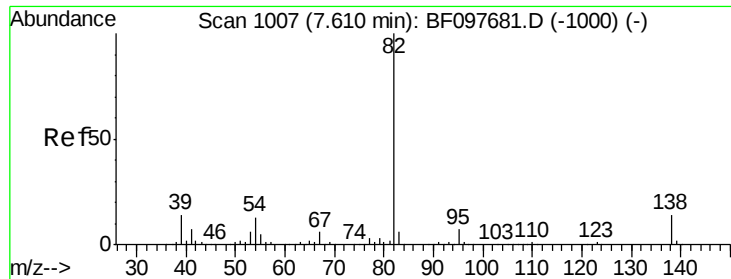
Tot Ion	82	Resp	855928
Ion Ratio	Lower	Upper	
82	100		
128	38.0	34.0	51.0
54	41.4	42.2	63.2#



#24
 Nitrobenzene
 Concen: 47.10 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	77	Resp	457492
Ion Ratio	Lower	Upper	
77	100		
123	38.2	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 45.10 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

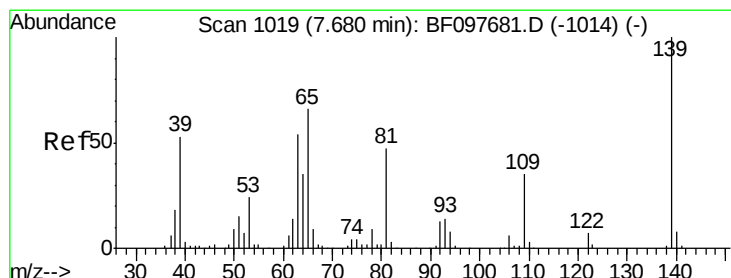
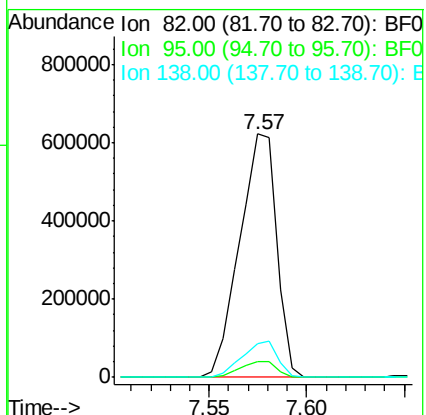
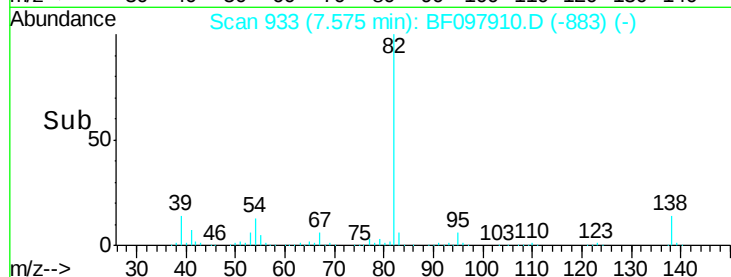
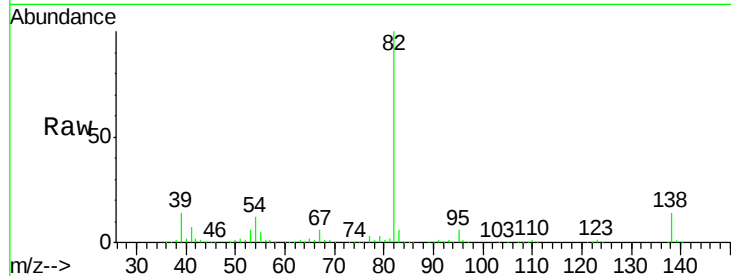
Tot Ion: 82 Resp: 818137

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 13.9 13.1 19.7



#26

2-Nitrophenol

Concen: 51.98 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

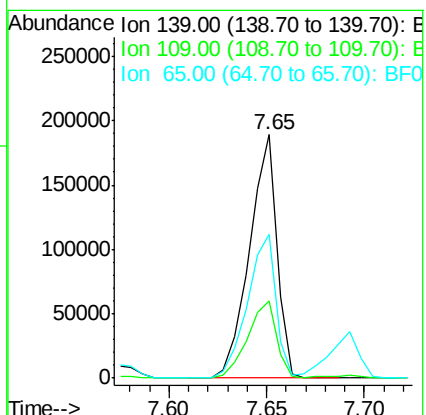
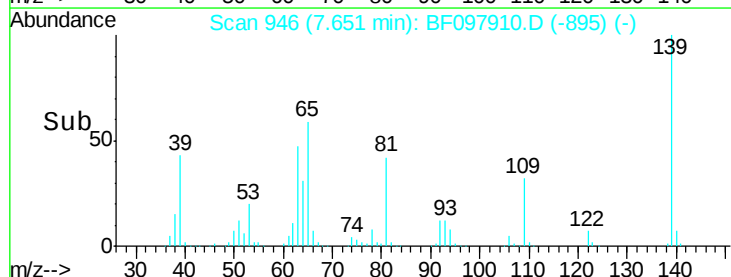
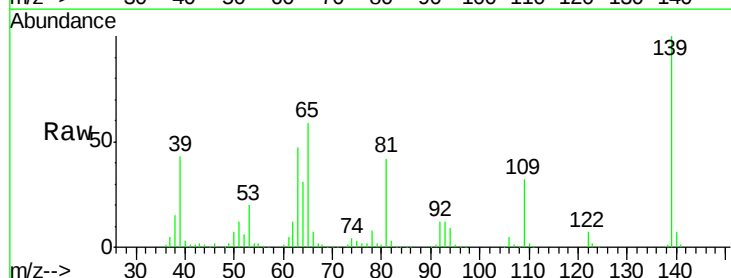
Tgt Ion: 139 Resp: 184620

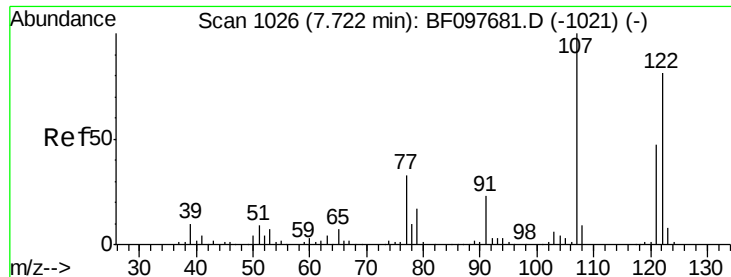
Ion Ratio Lower Upper

139 100

109 31.6 21.0 31.6#

65 59.2 33.0 49.6#

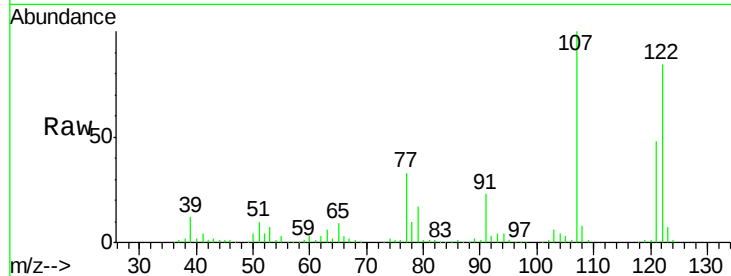




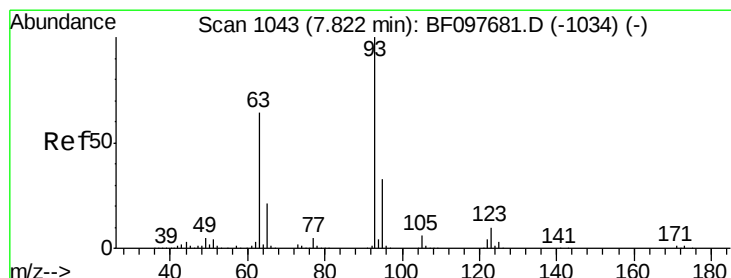
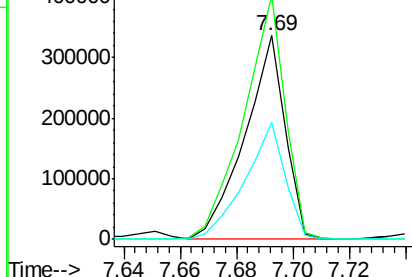
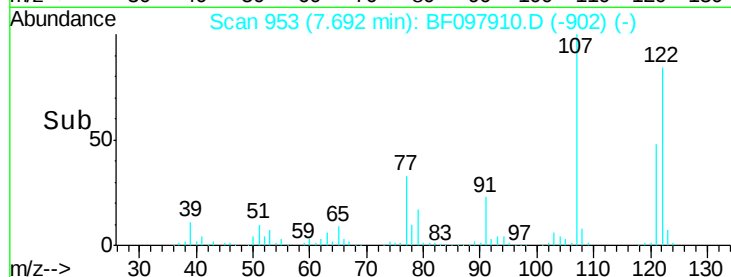
#27
 2,4-Dimethylphenol
 Concen: 44.21 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	89.2	133.8
121	57.1	45.2	67.8

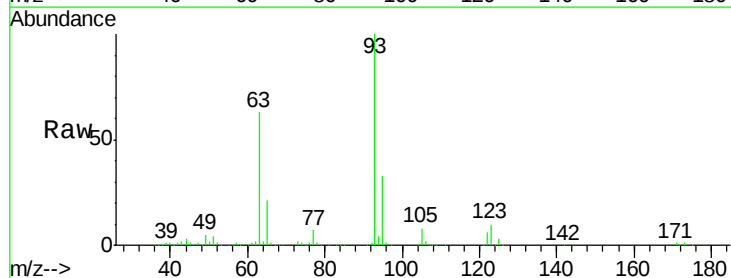


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

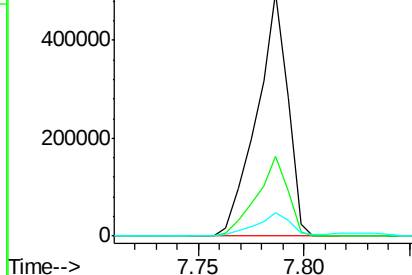
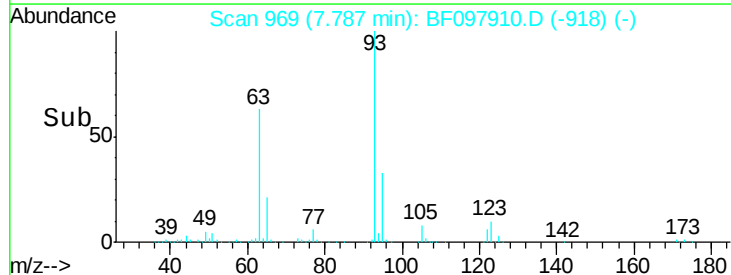


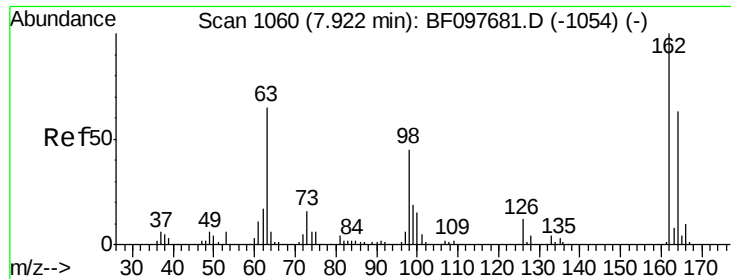
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.61 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	9.6	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

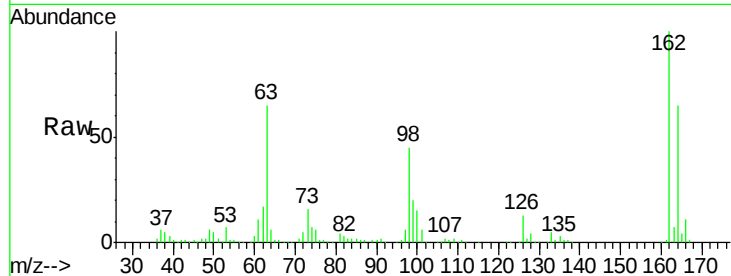




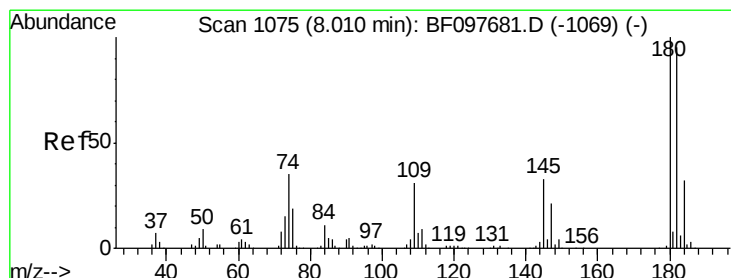
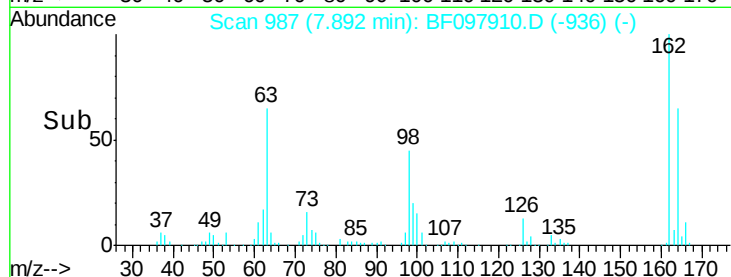
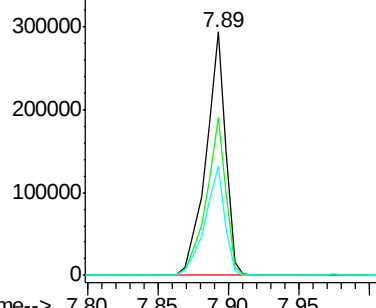
#29
 2,4-Dichlorophenol
 Concen: 45.01 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	45.1	14.8	54.8

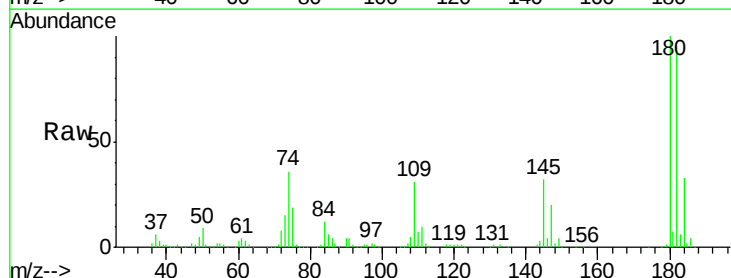


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

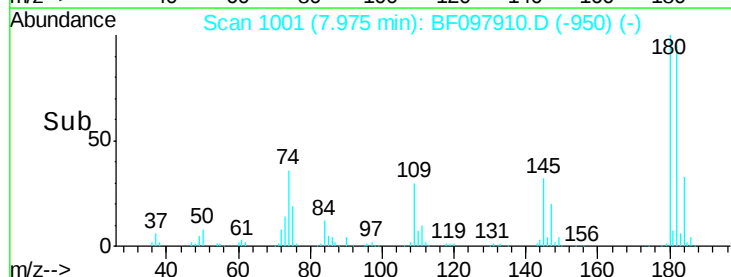
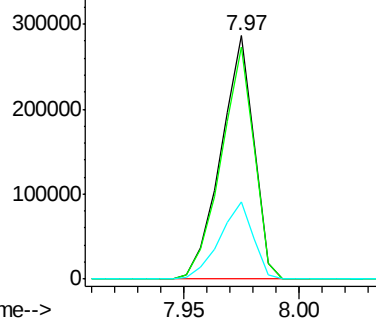


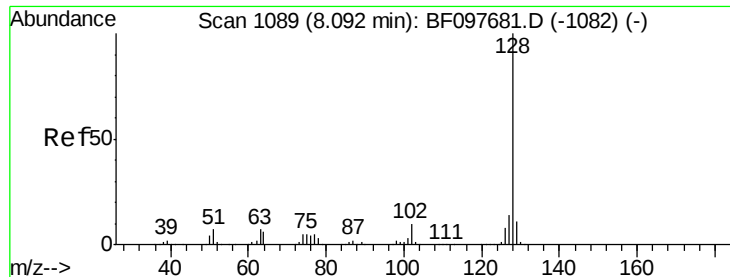
#30
 1,2,4-Trichlorobenzene
 Concen: 41.00 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	31.8	25.3	37.9



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

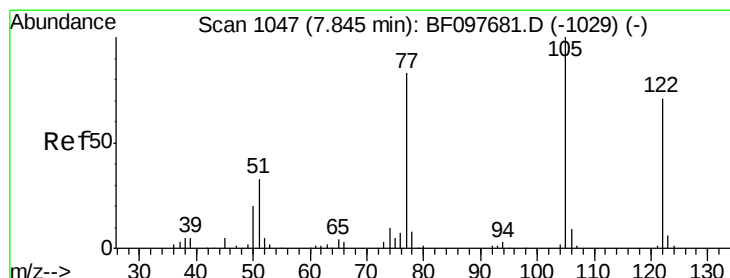
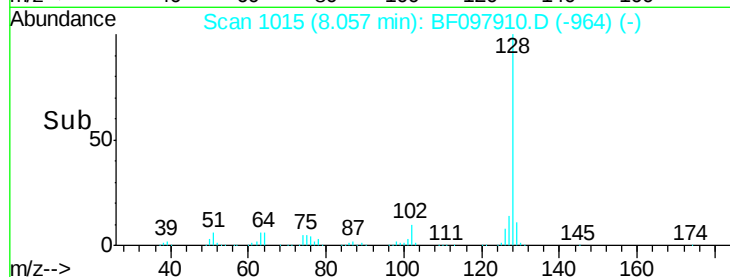
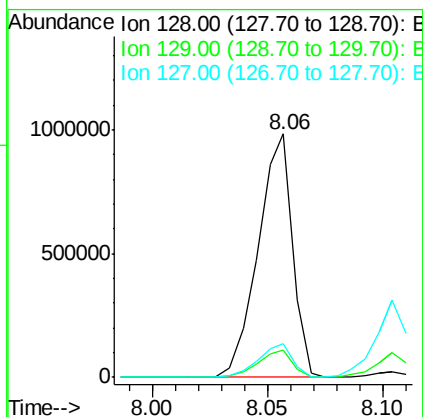
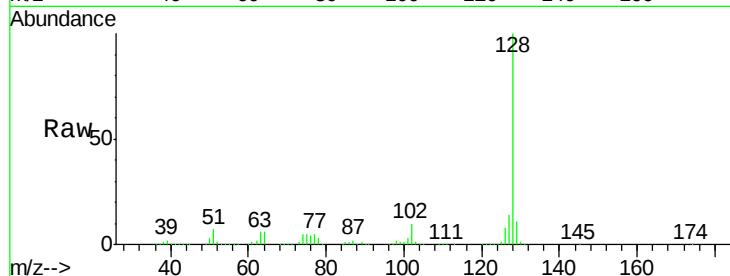




#31
Naphthalene
Concen: 41.43 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

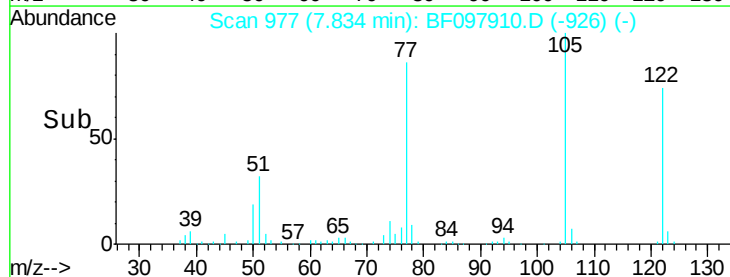
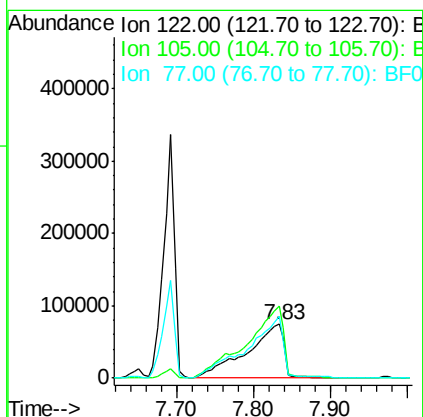
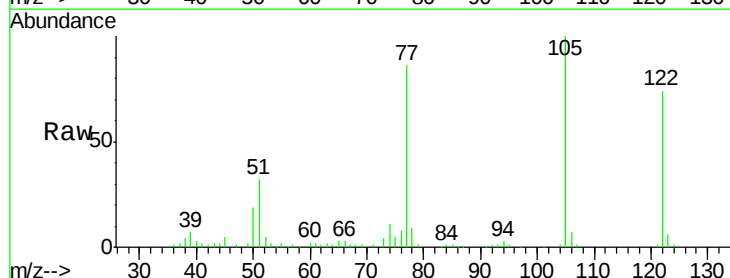
Instrument :
BNA_F
ClientSampleId :
PB101695BS

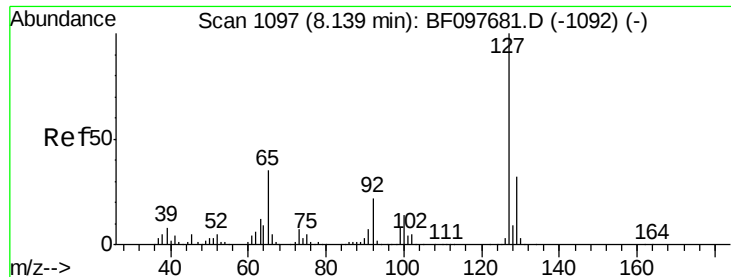
Tot Ion:128 Resp: 1019212
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 45.44 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:122 Resp: 248261
Ion Ratio Lower Upper
122 100
105 134.6 103.3 143.3
77 116.1 73.7 113.7#

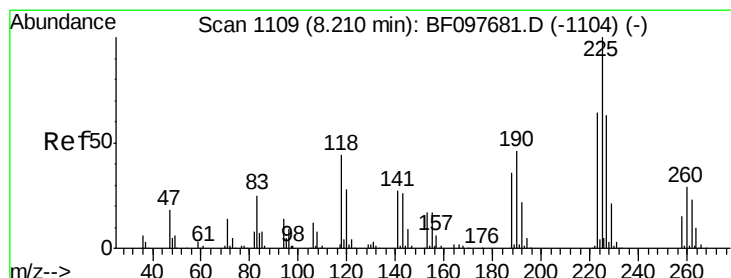
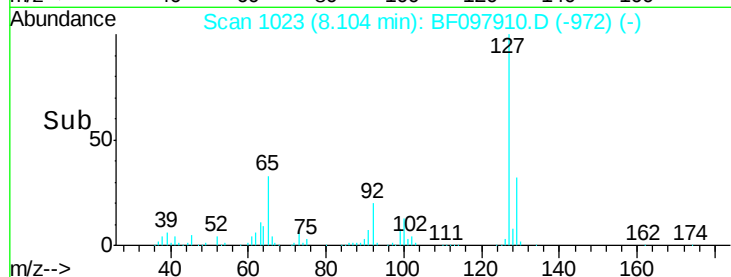
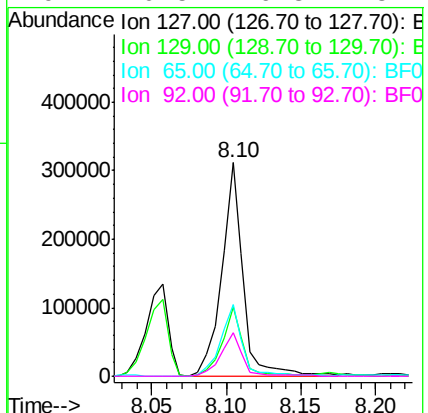
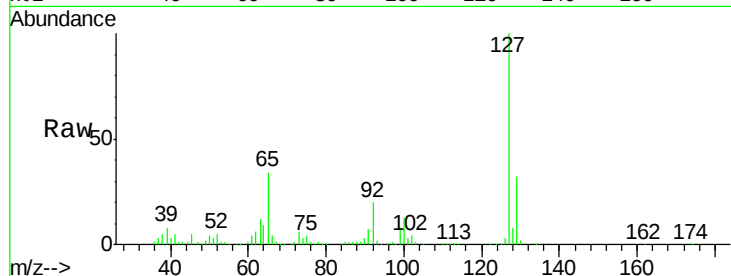




#33
4-Chloroaniline
Concen: 29.97 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

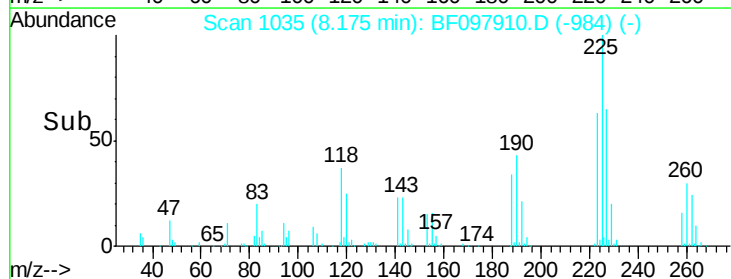
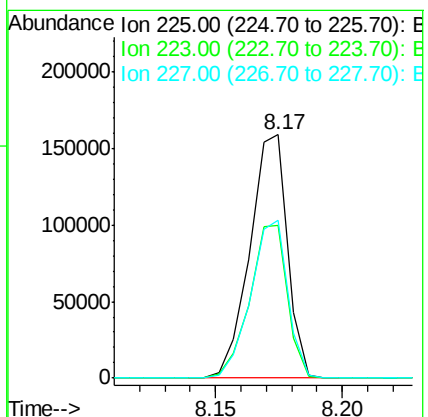
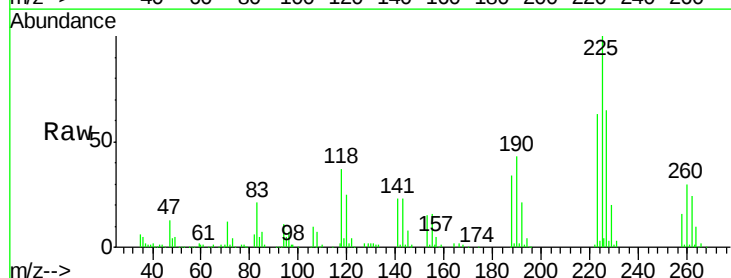
Instrument :
BNA_F
ClientSampleId :
PB101695BS

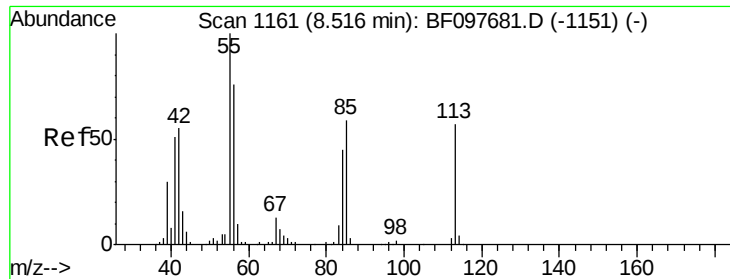
Tot Ion:	127	Resp:	310942
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	33.7	27.8	41.8
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:	225	Resp:	163919
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	64.7	51.1	76.7





#35

Caprolactam

Concen: 30.29 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

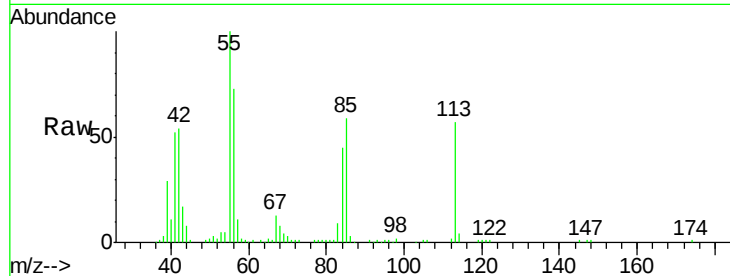
Tot Ion:113 Resp: 64675

Ion Ratio Lower Upper

113 100

55 175.5 150.2 190.2

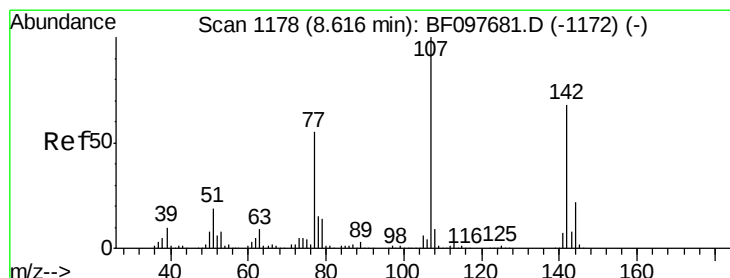
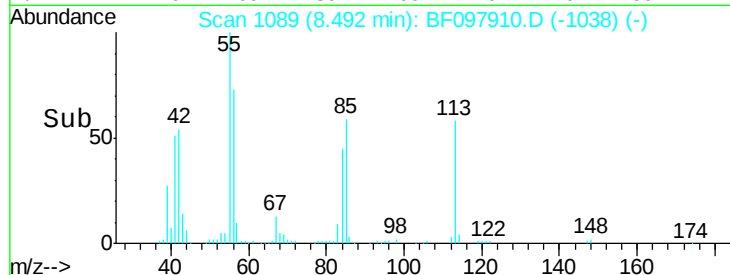
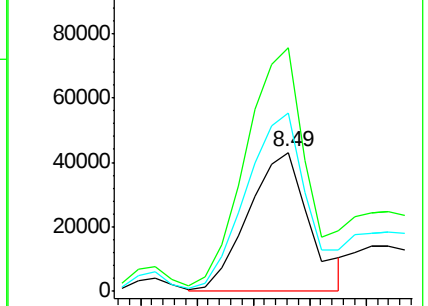
56 128.2 107.8 147.8



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: 44.60 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

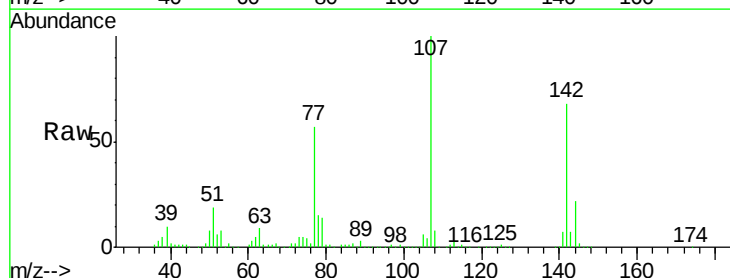
Tgt Ion:107 Resp: 359840

Ion Ratio Lower Upper

107 100

144 22.1 24.2 36.4#

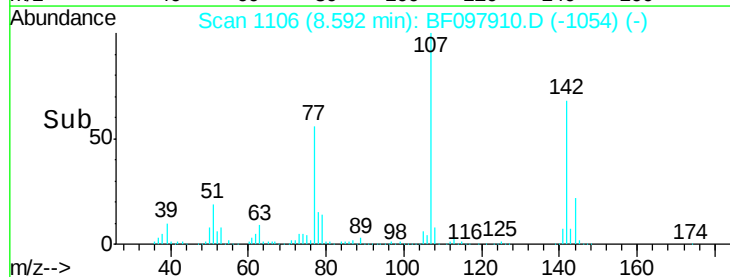
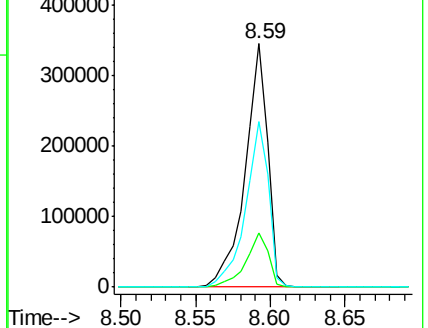
142 67.9 73.4 110.0#

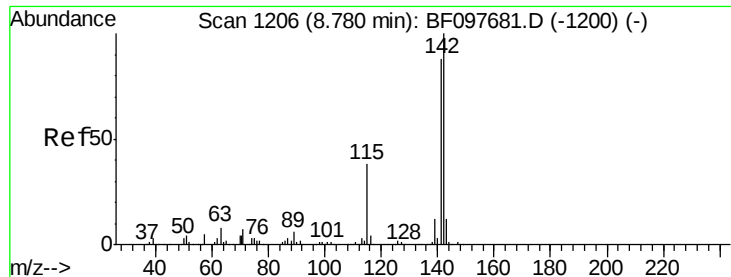


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

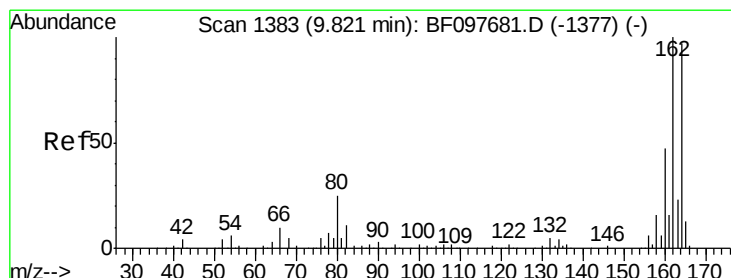
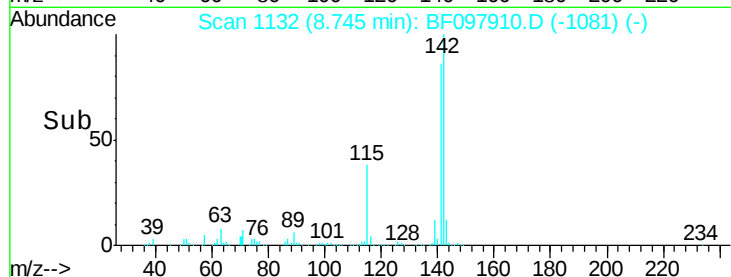
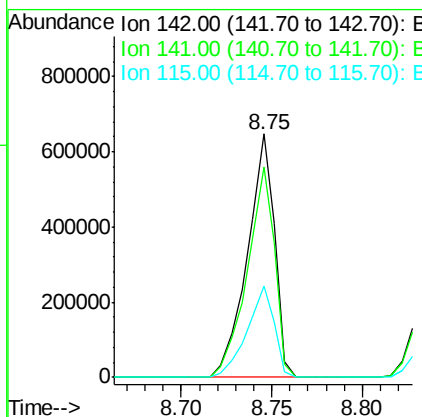
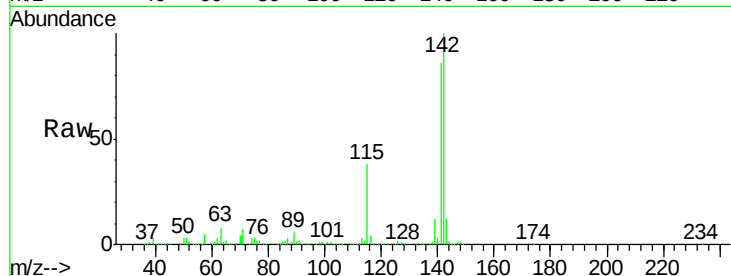




#37
2-Methylnaphthalene
Concen: 44.54 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

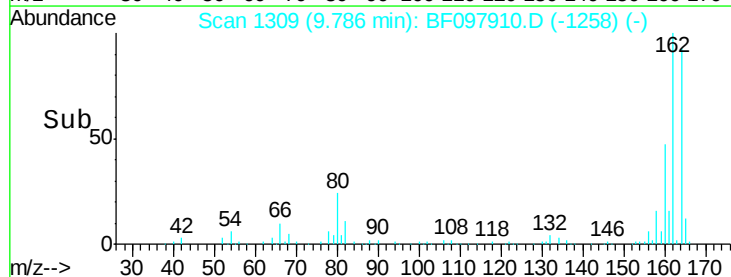
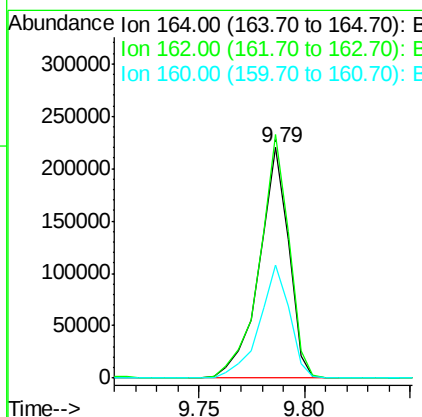
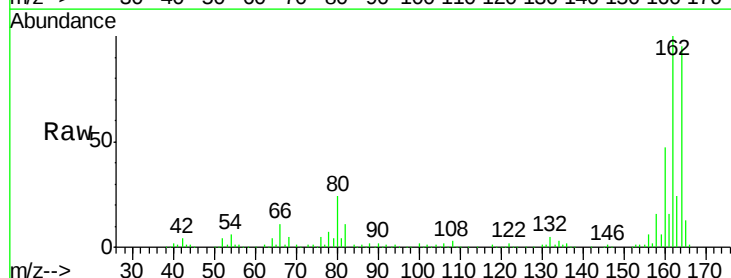
Instrument :
BNA_F
ClientSampleId :
PB101695BS

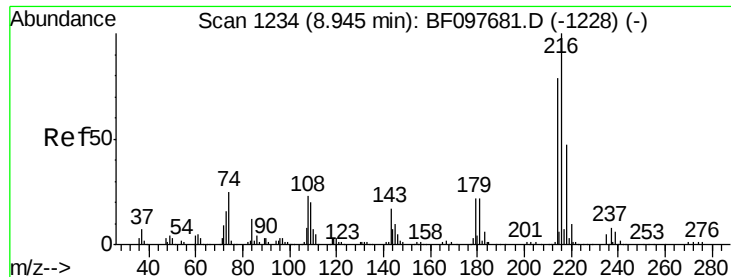
Tot Ion:142 Resp: 671853
Ion Ratio Lower Upper
142 100
141 86.3 71.3 106.9
115 37.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:164 Resp: 215367
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 49.2 36.2 54.2

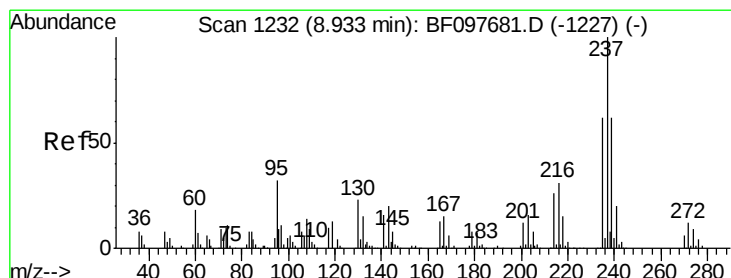
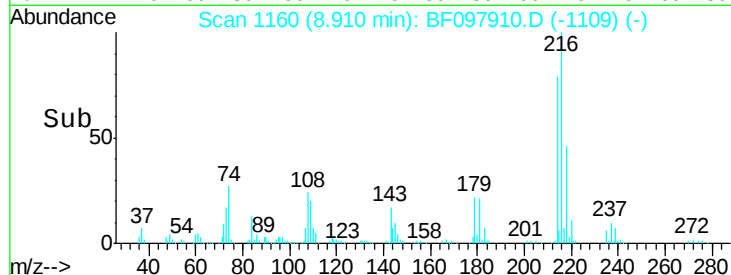
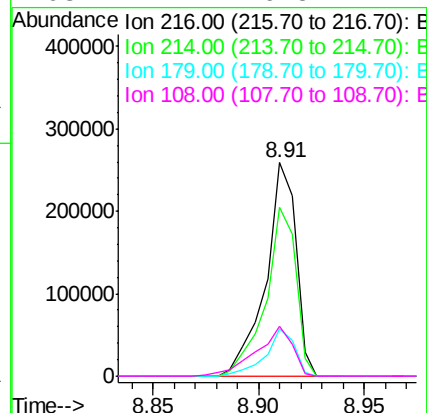
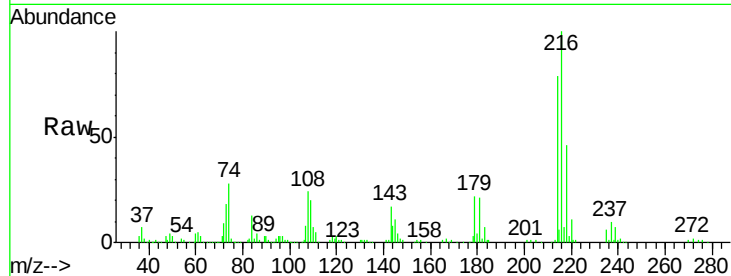




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.28 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

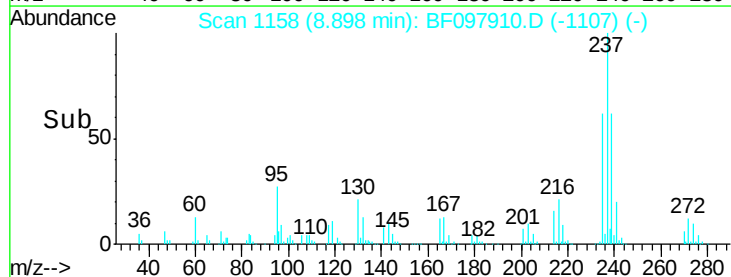
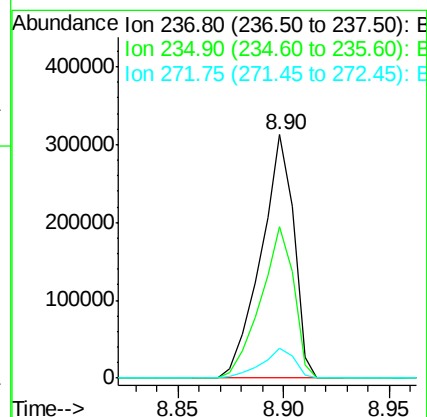
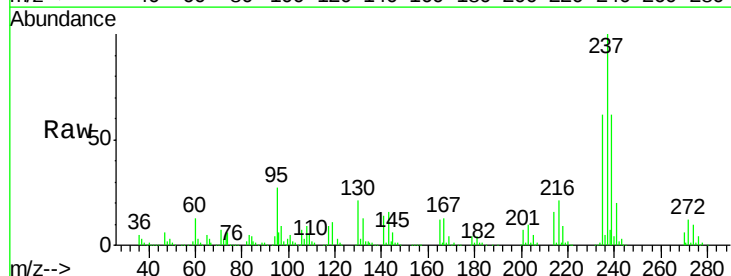
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

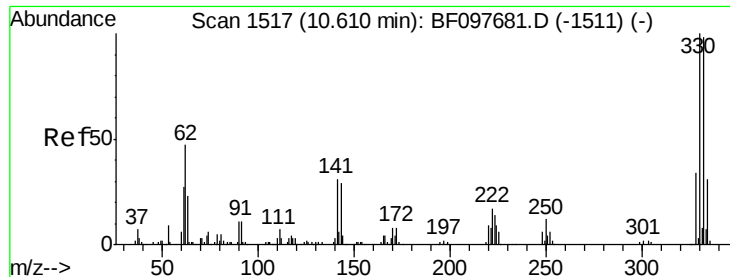
Tot Ion:	216	Resp:	259592
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.4	17.9	26.9
108	27.7	16.5	24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 106.34 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:	237	Resp:	337661
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.2	0.0	31.9

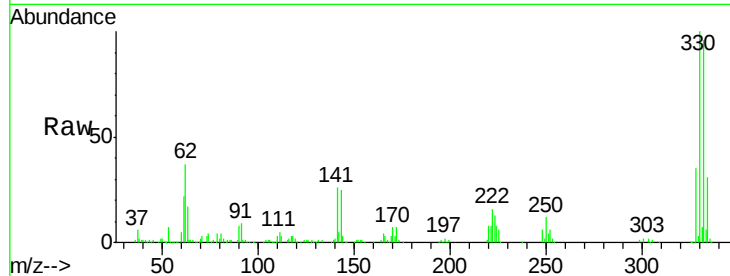




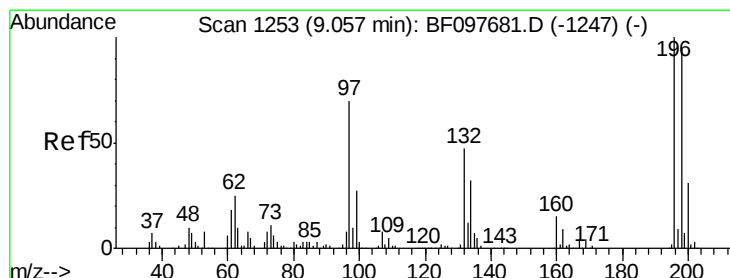
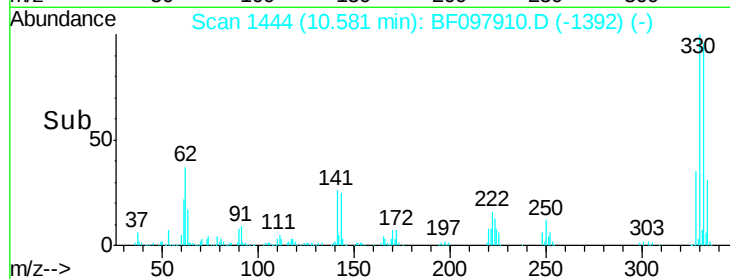
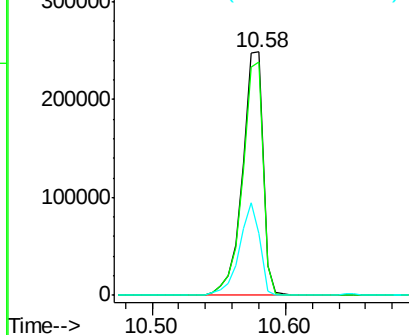
#41
 2,4,6-Tribromophenol
 Concen: 141.95 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion	330	Resp	265249
Ion Ratio	100		
Lower	76.6		
Upper	115.0		
332	95.5		
141	37.8		
	31.4		
	47.2		

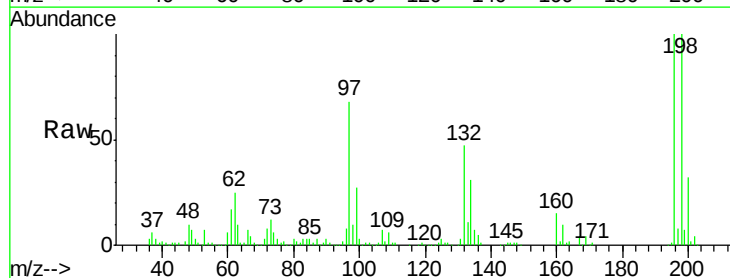


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

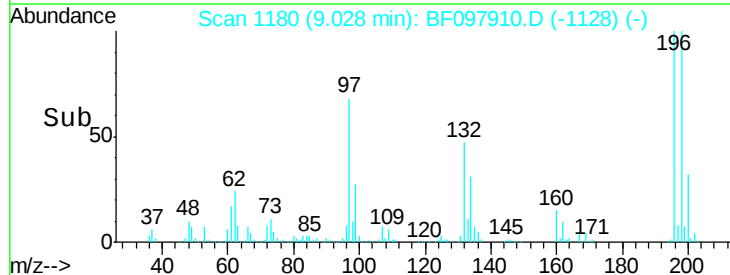
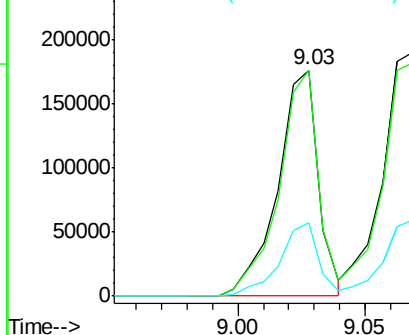


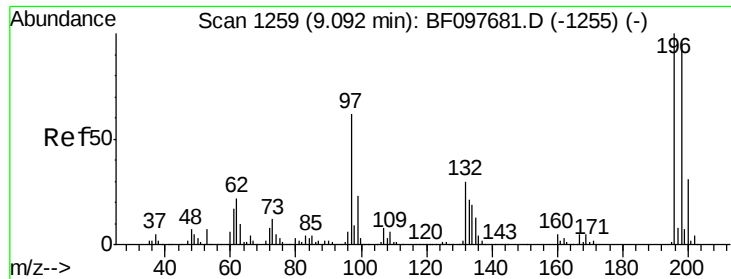
#42
 2,4,6-Trichlorophenol
 Concen: 44.34 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	196	Resp	196752
Ion Ratio	100		
Lower	74.2		
Upper	111.4		
198	99.9		
200	32.2		
	24.0		
	36.0		



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

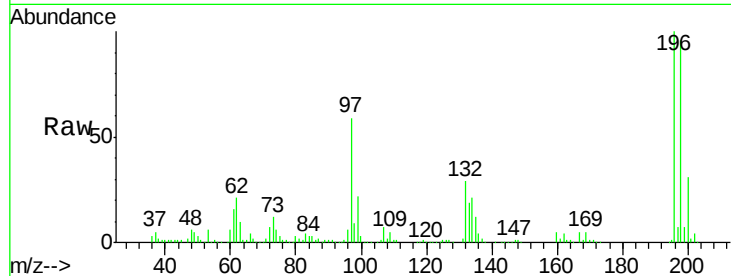




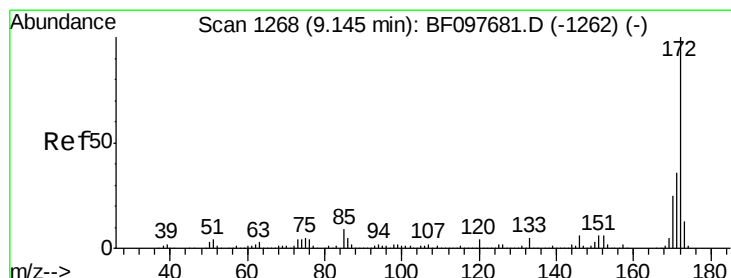
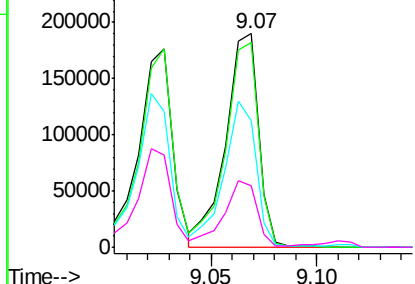
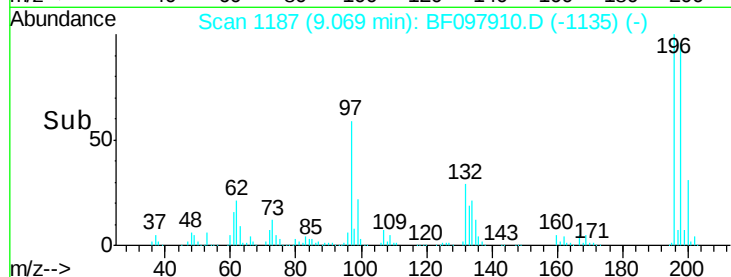
#43
 2,4,5-Trichlorophenol
 Concen: 46.62 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion:196 Resp: 205217
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 59.1 47.7 71.5
 132 28.6 28.0 42.0

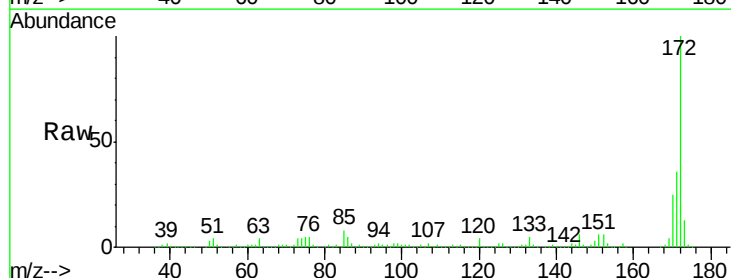


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

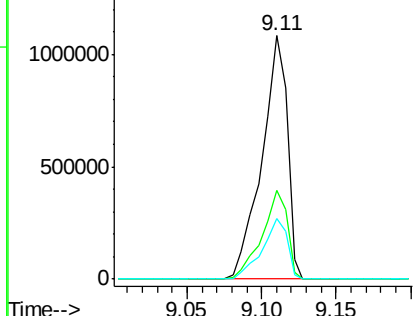
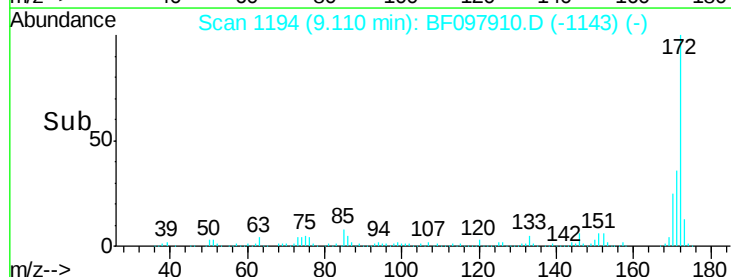


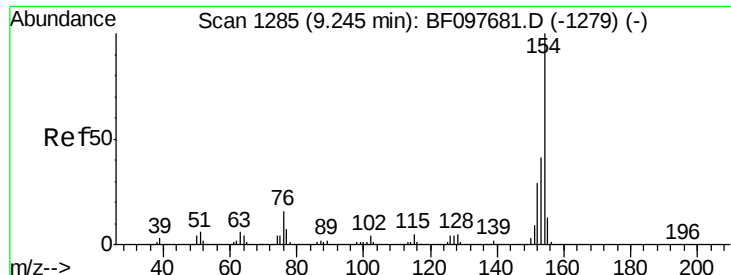
#44
 2-Fluorobiphenyl
 Concen: 86.69 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:172 Resp: 1270744
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.7 19.8 29.8



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

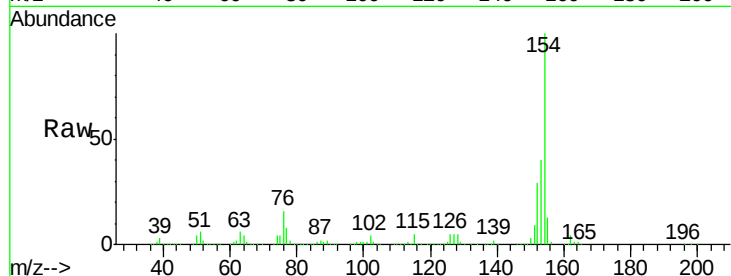




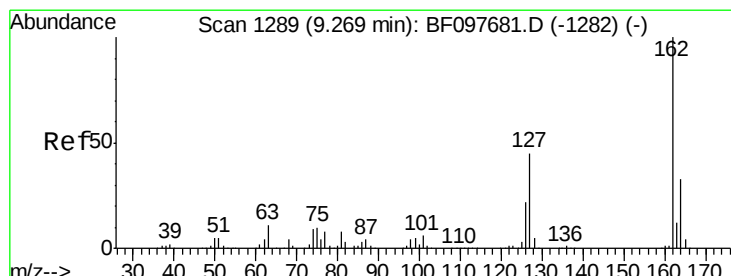
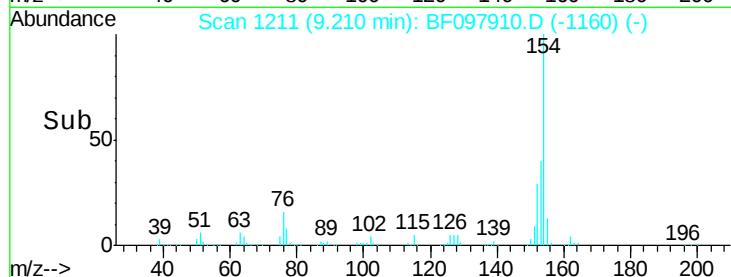
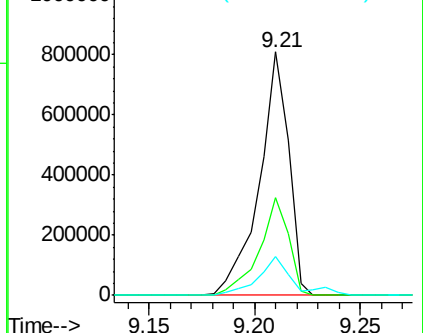
#45
 1,1'-Biphenyl
 Concen: 39.81 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion:154 Resp: 781841
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.2 61.2
 76 16.0 0.0 29.9

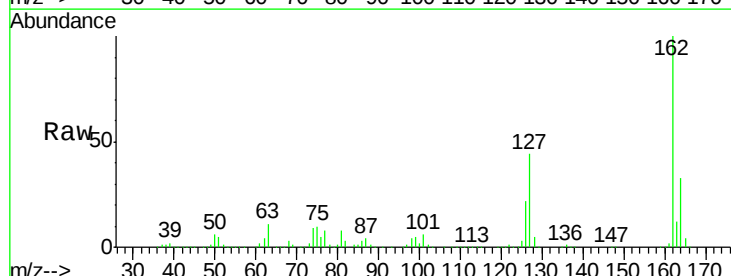


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

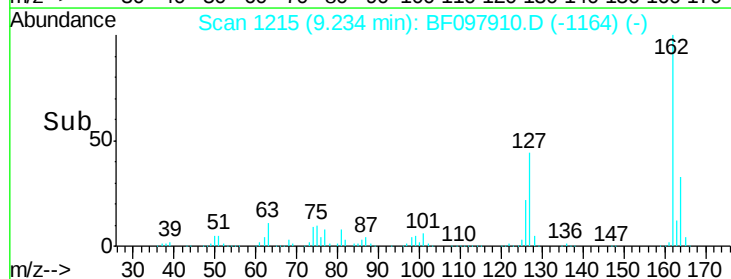
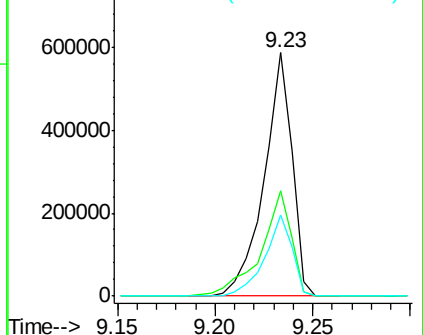


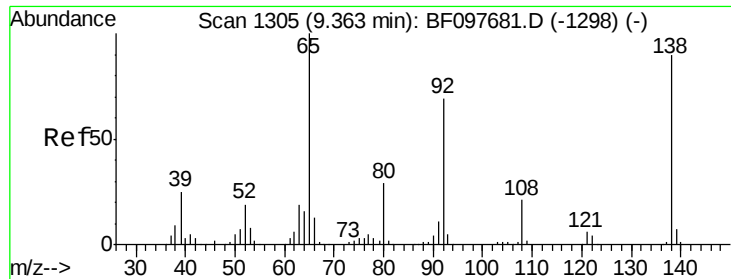
#46
 2-Chloronaphthalene
 Concen: 40.05 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:162 Resp: 581191
 Ion Ratio Lower Upper
 162 100
 127 43.5 28.3 42.5#
 164 33.2 27.0 40.4



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

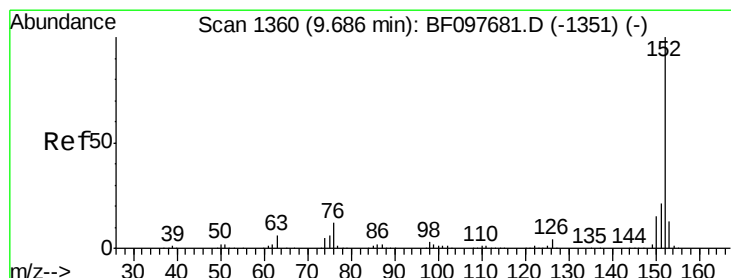
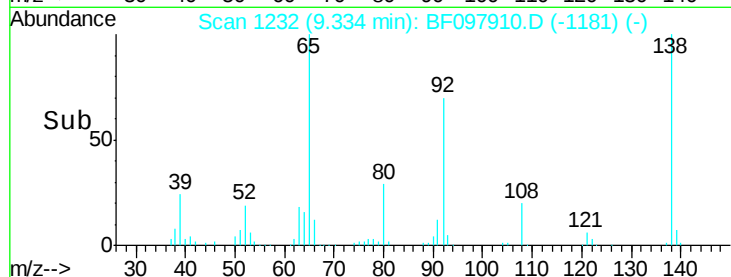
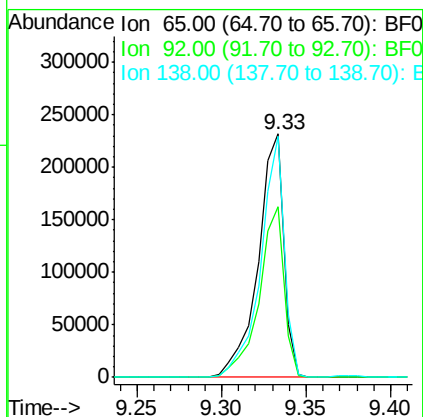
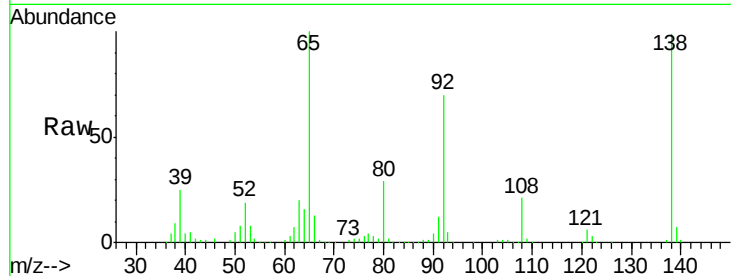




#47
 2-Nitroaniline
 Concen: 50.43 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

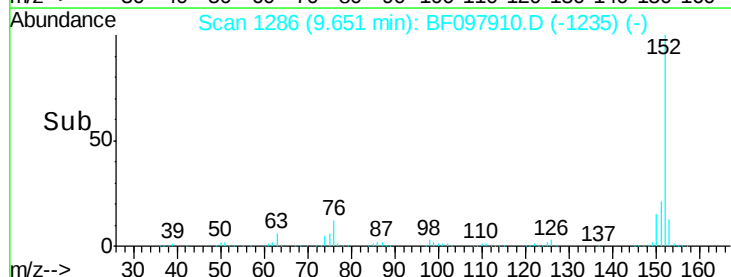
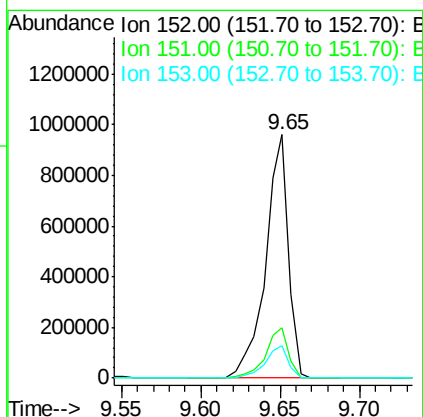
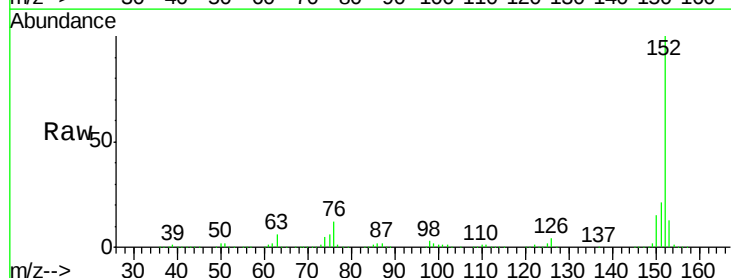
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

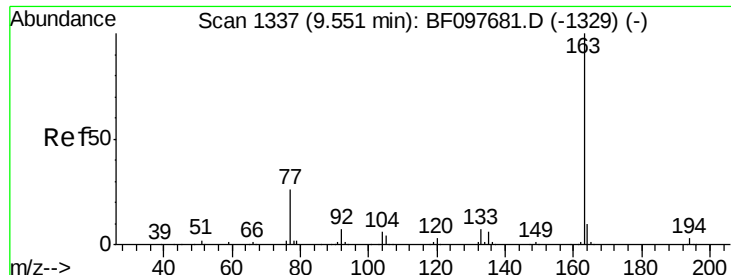
Tot Ion: 65 Resp: 245334
 Ion Ratio Lower Upper
 65 100
 92 70.1 53.9 80.9
 138 99.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 42.44 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion: 152 Resp: 967123
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.2 10.8 16.2

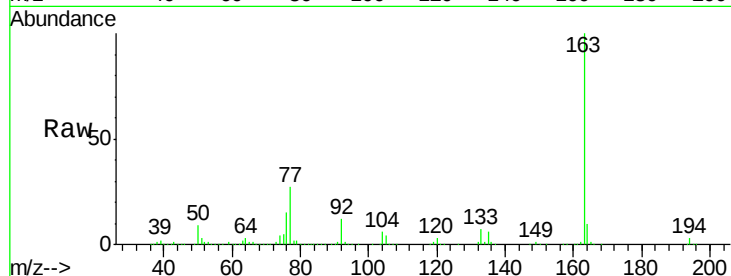




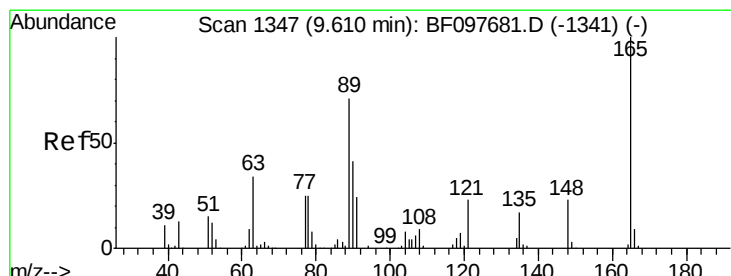
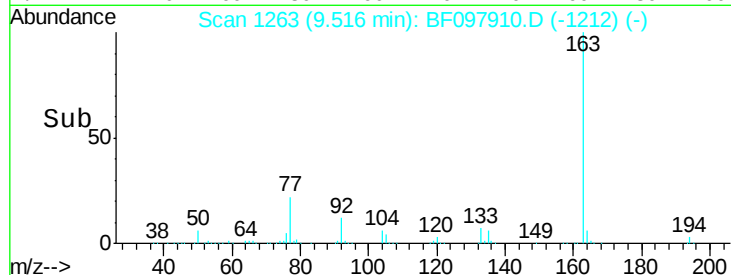
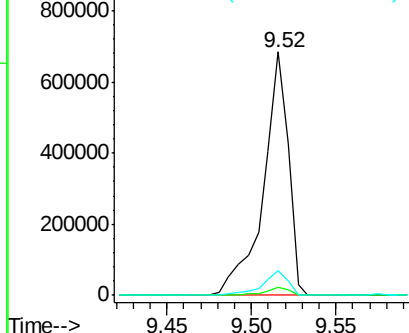
#49
Dimethylphthalate
Concen: 44.48 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion:163 Resp: 700203
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

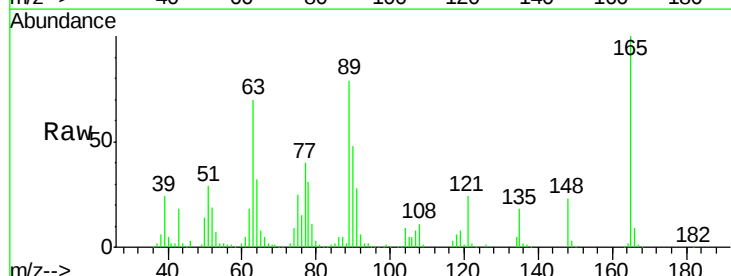


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

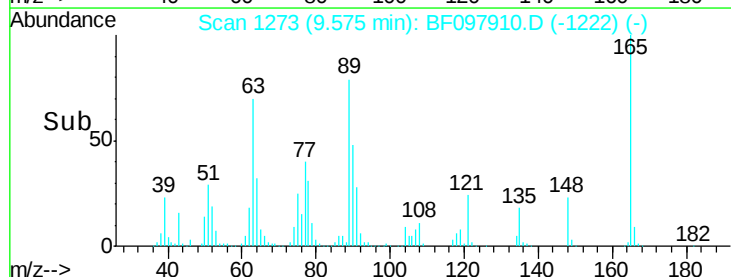
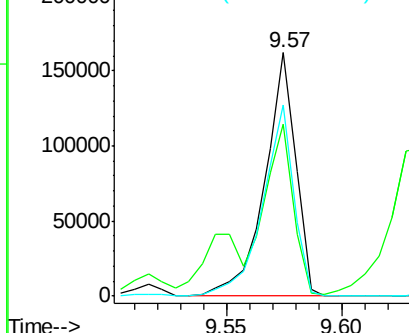


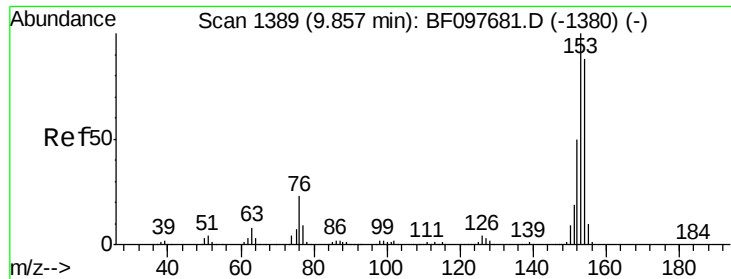
#50
2,6-Dinitrotoluene
Concen: 47.85 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:165 Resp: 150372
Ion Ratio Lower Upper
165 100
63 70.5 34.3 51.5#
89 78.7 37.1 55.7#



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





#51

Acenaphthene

Concen: 40.53 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

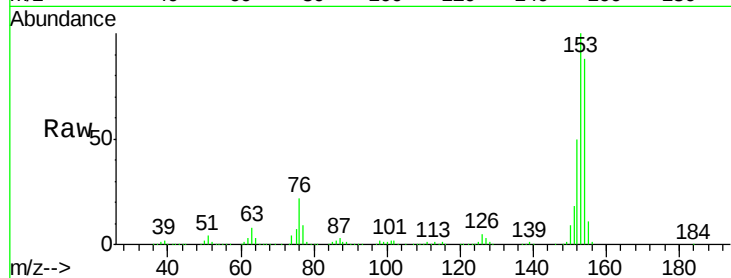
Tot Ion:154 Resp: 582498

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

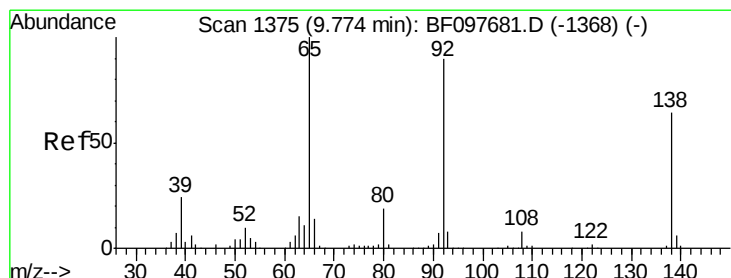
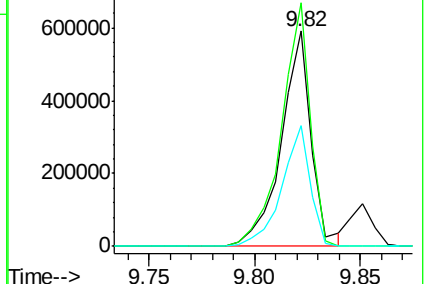
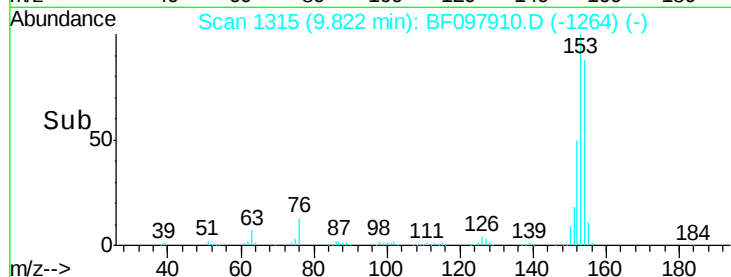
152 56.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.13 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

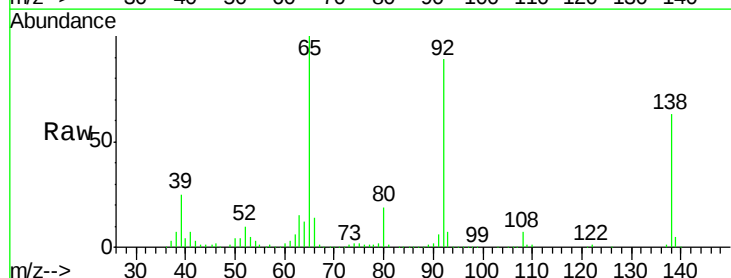
Tgt Ion:138 Resp: 150547

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

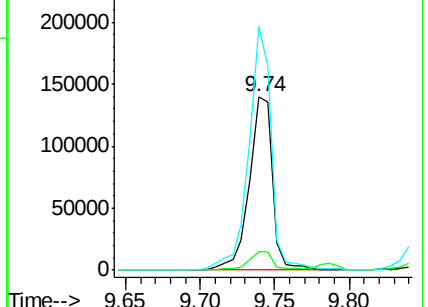
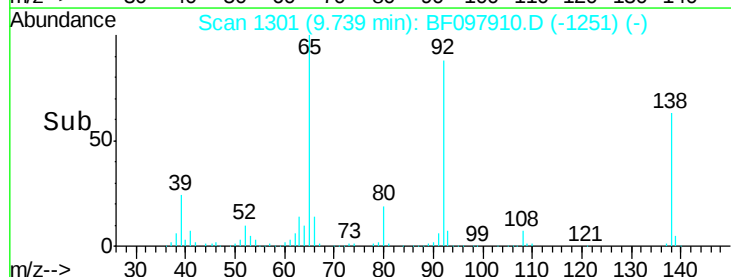
92 140.3 93.8 140.6

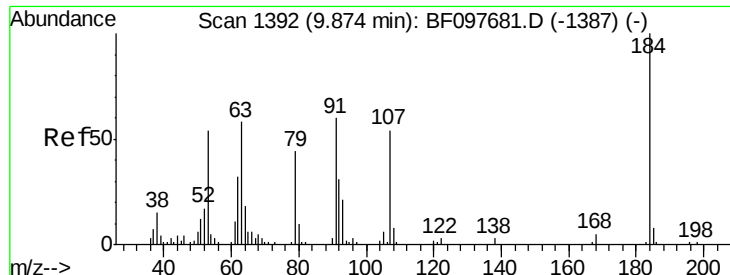


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

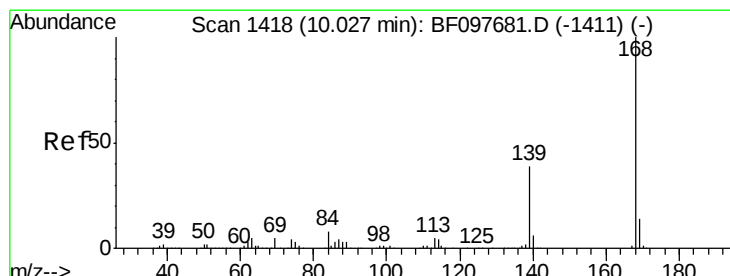
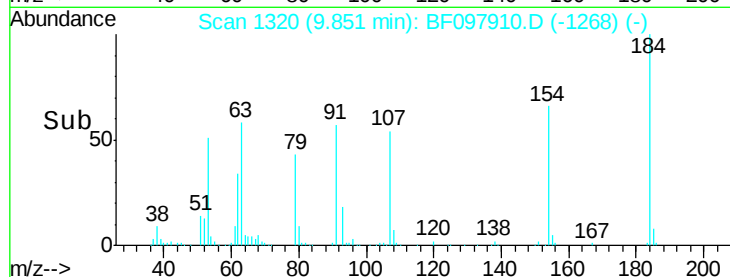
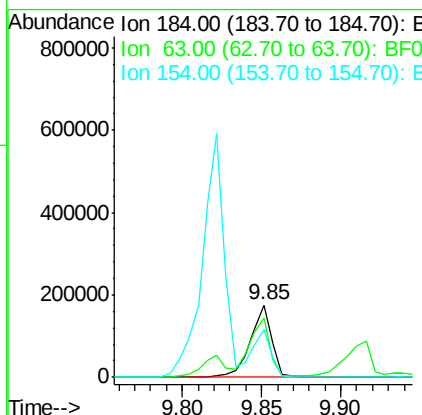
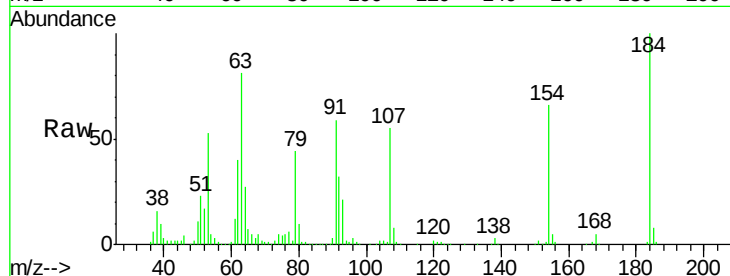




#53
 2,4-Dinitrophenol
 Concen: 106.75 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

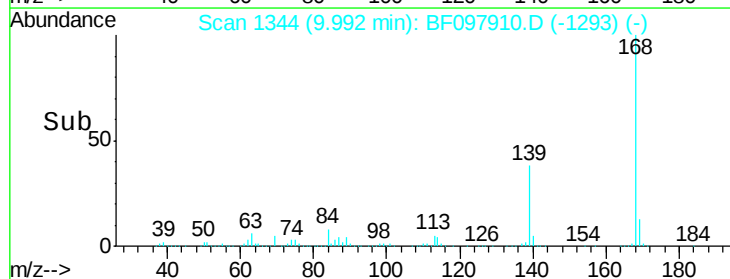
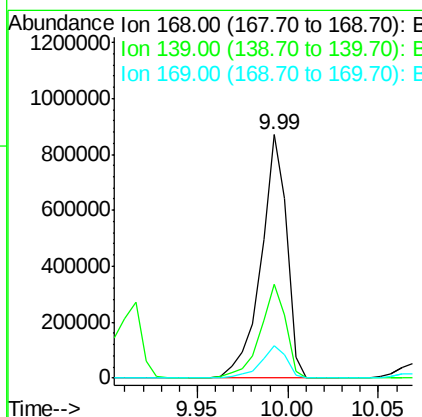
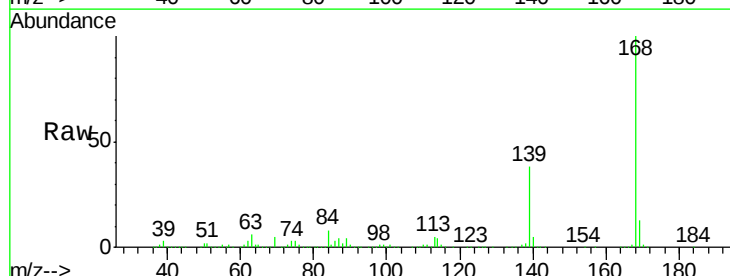
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

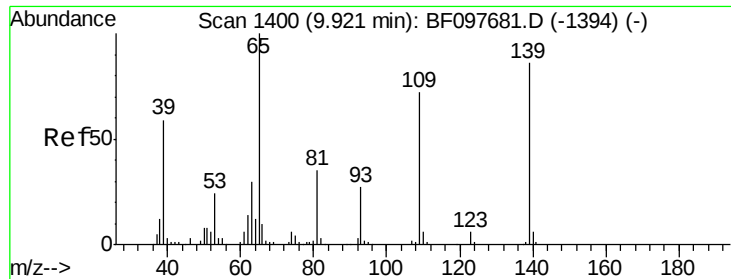
Tot Ion:184 Resp: 165372
 Ion Ratio Lower Upper
 184 100
 63 81.4 62.7 94.1
 154 65.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.36 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:168 Resp: 854488
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 91.47 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

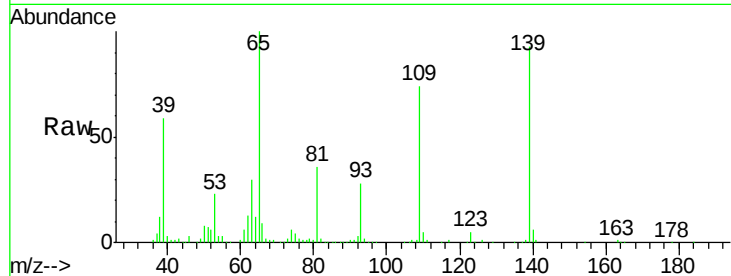
Tot Ion:139 Resp: 295828

Ion Ratio Lower Upper

139 100

109 79.5 34.1 74.1#

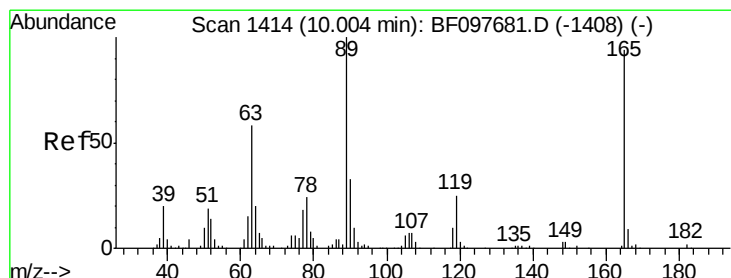
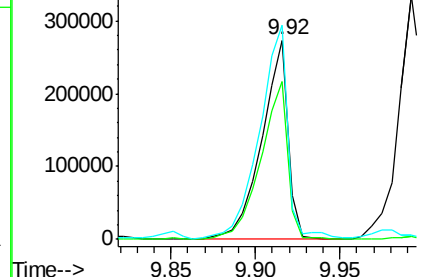
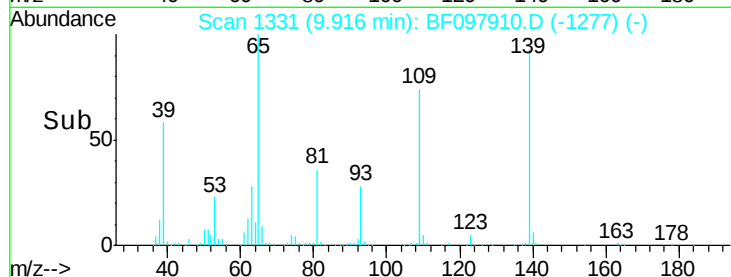
65 107.4 31.4 71.4#



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: 51.45 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:165 Resp: 202903

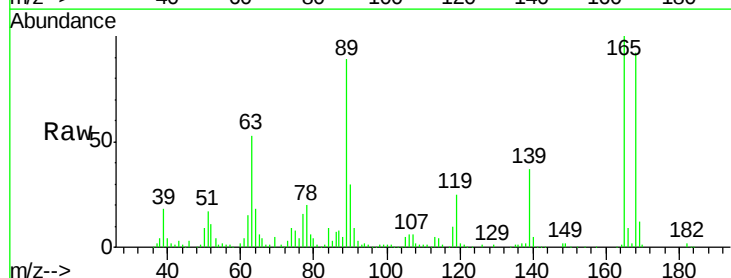
Ion Ratio Lower Upper

165 100

63 53.3 25.4 38.0#

89 89.4 46.4 69.6#

182 2.4 1.8 2.6

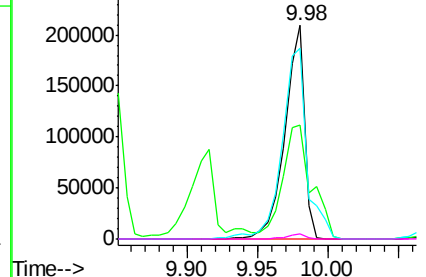
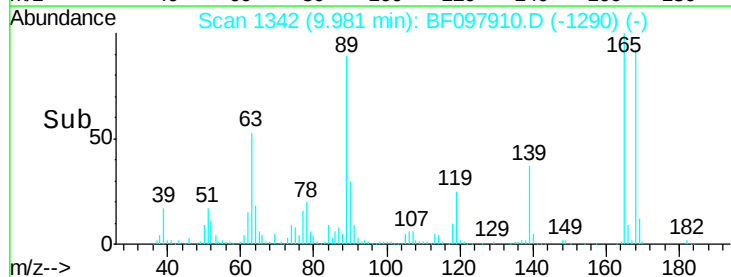


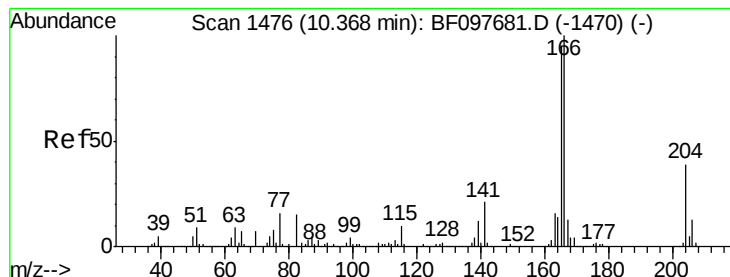
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.52 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

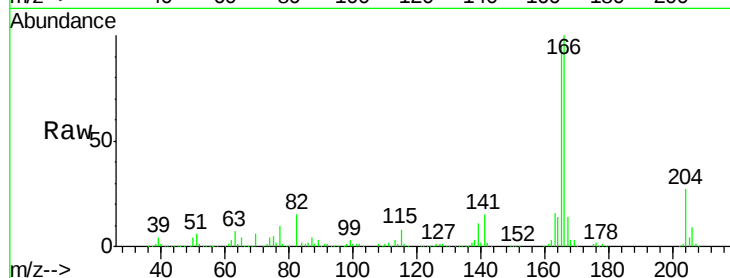
Tot Ion:166 Resp: 633257

Ion Ratio Lower Upper

166 100

165 96.5 78.8 118.2

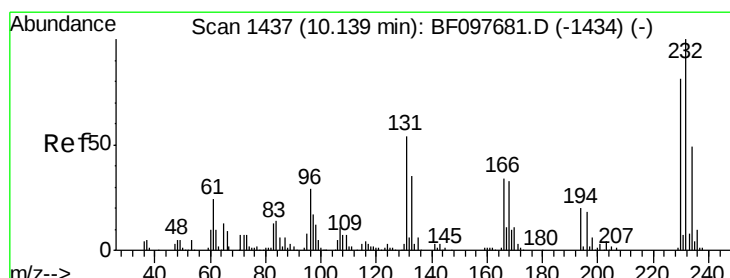
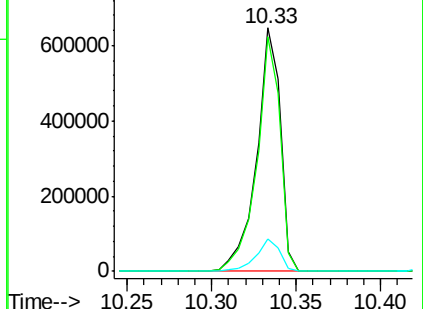
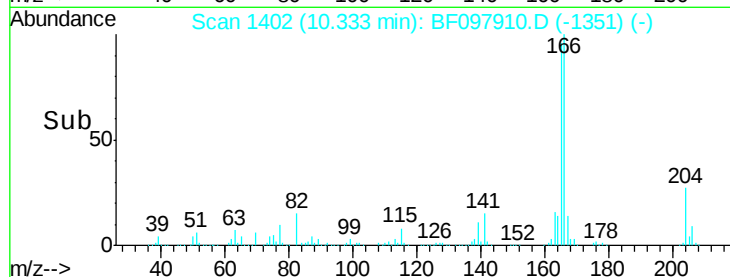
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.44 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Tgt Ion:232 Resp: 171918

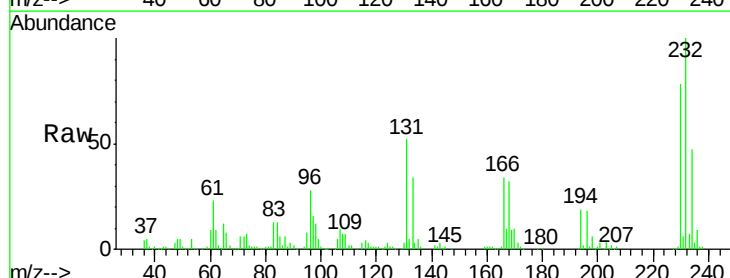
Ion Ratio Lower Upper

232 100

131 52.0 44.8 67.2

130 2.8 2.3 3.5

166 32.8 29.0 43.4

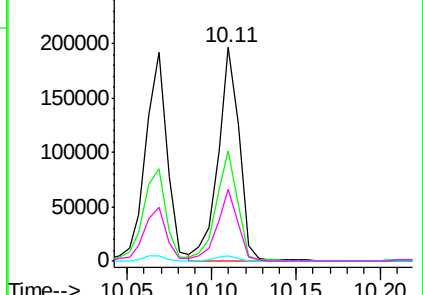
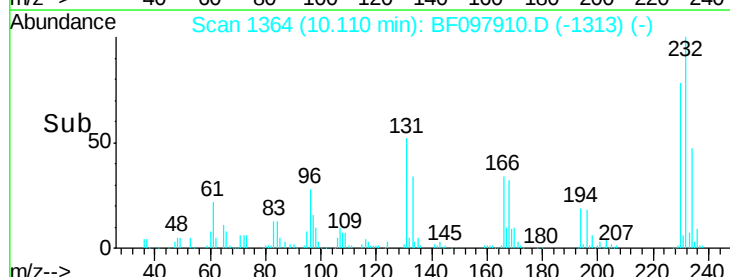


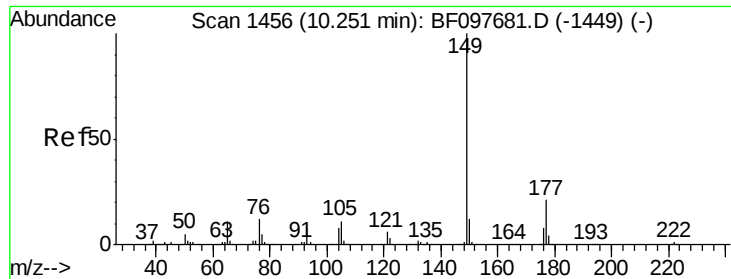
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

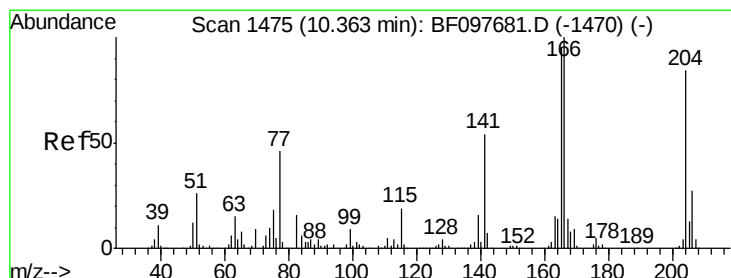
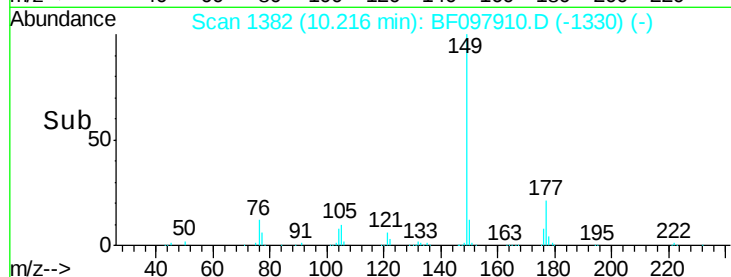
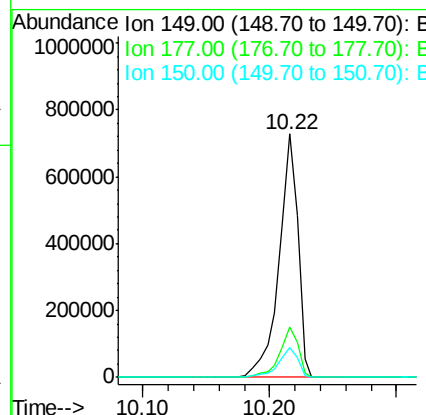
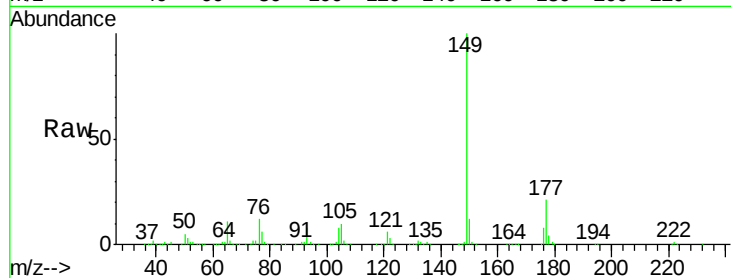




#59
Diethylphthalate
Concen: 45.10 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

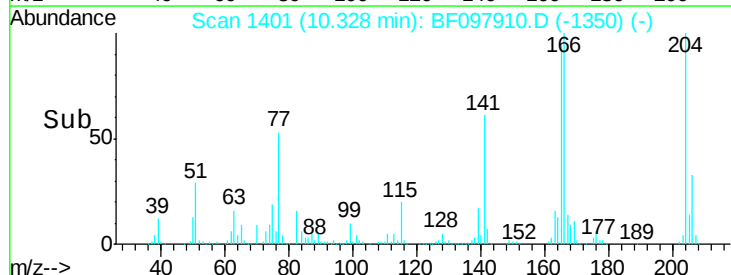
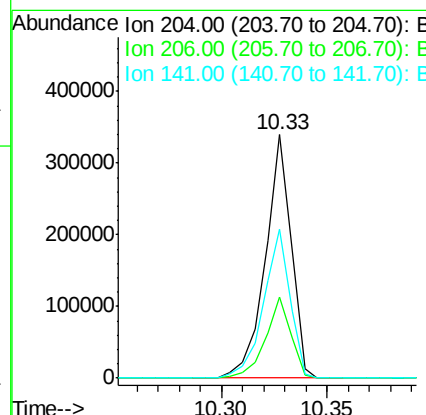
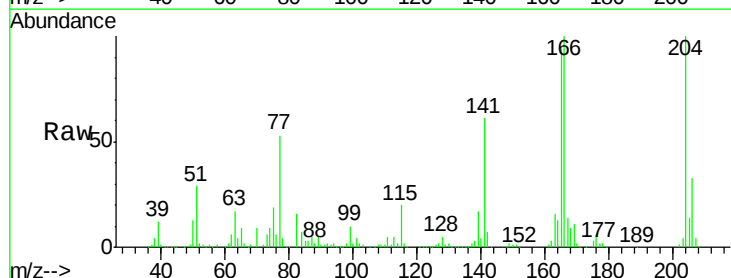
Instrument :
BNA_F
ClientSampleId :
PB101695BS

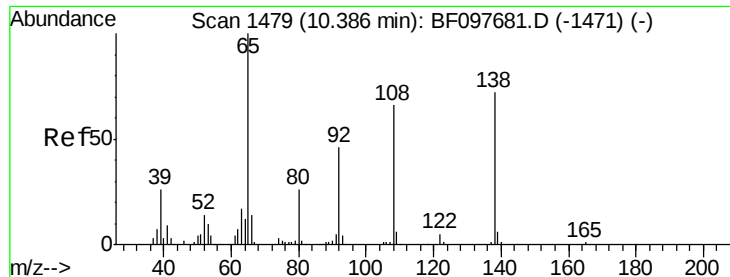
Tot Ion:149 Resp: 742425
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.98 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:204 Resp: 290407
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 61.4 60.8 91.2

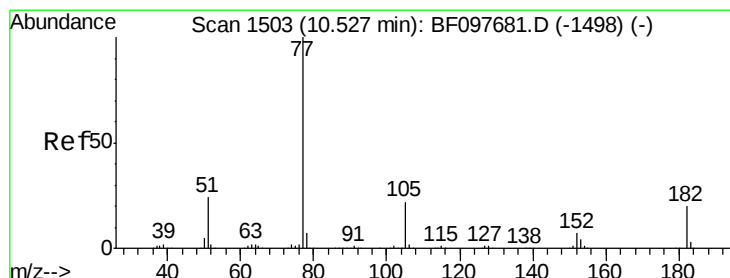
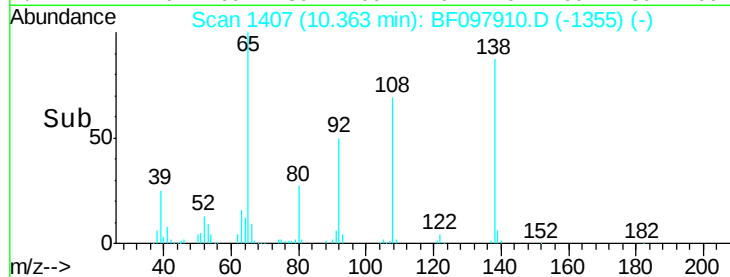
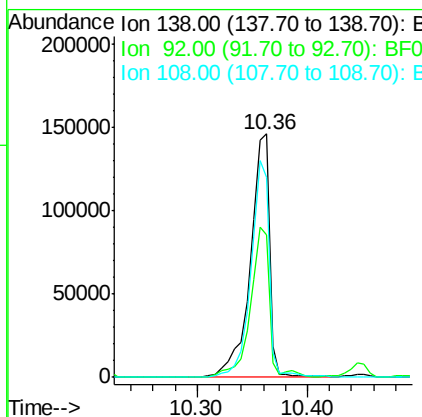
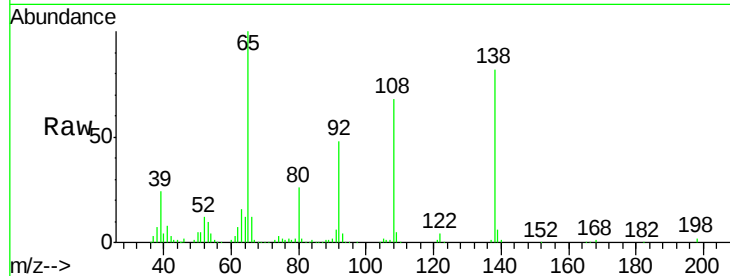




#61
 4-Nitroaniline
 Concen: 47.26 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

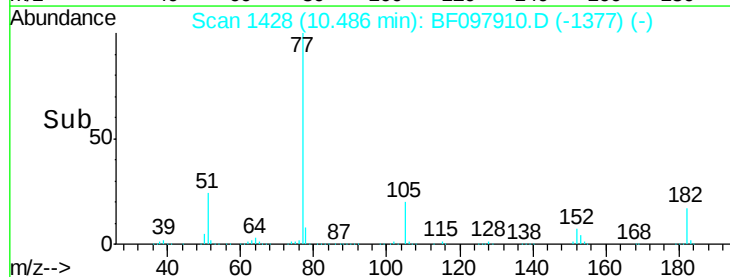
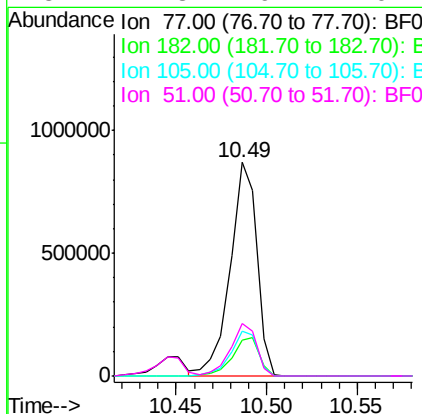
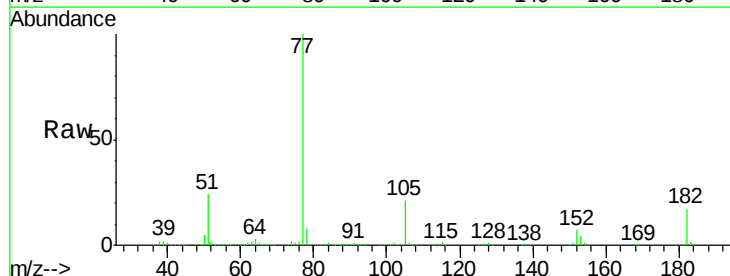
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

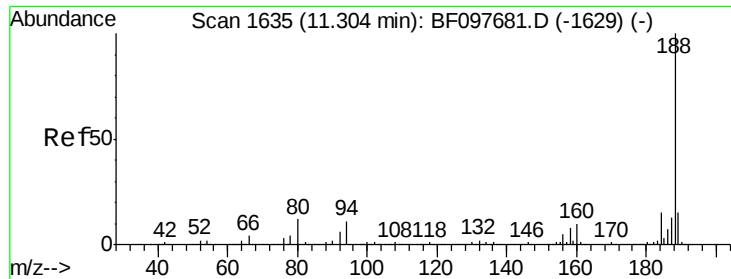
Tot Ion:138 Resp: 182124
 Ion Ratio Lower Upper
 138 100
 92 58.3 21.8 61.8
 108 82.4 42.3 82.3#



#62
 Azobenzene
 Concen: 45.68 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion: 77 Resp: 893320
 Ion Ratio Lower Upper
 77 100
 182 17.0 0.1 40.1
 105 20.8 3.6 43.6
 51 24.3 9.4 49.4

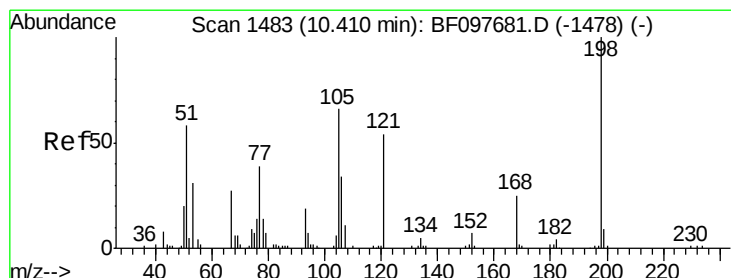
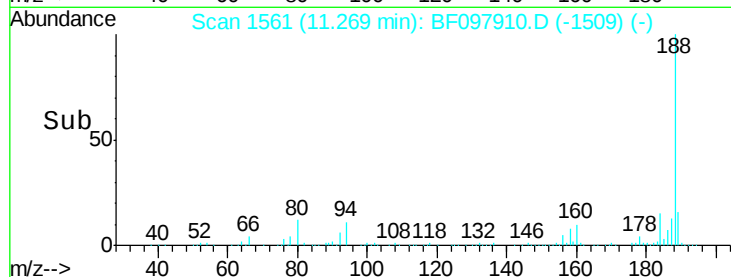
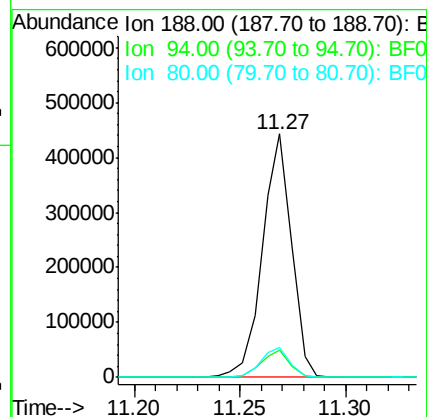
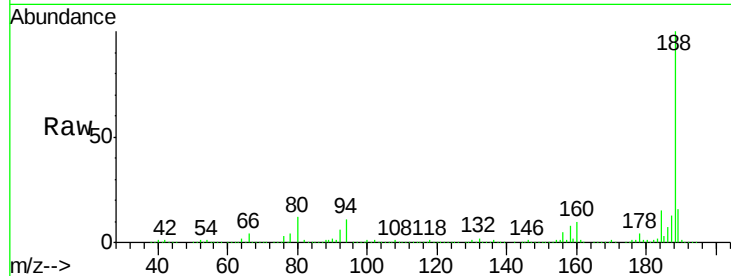




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

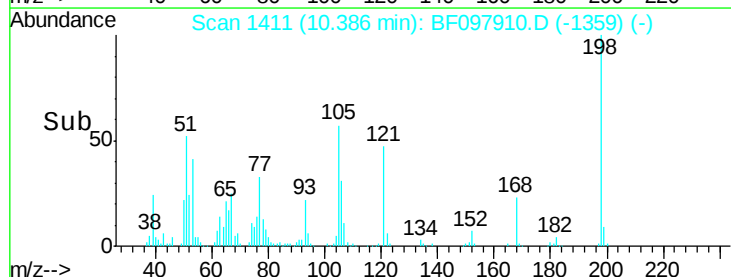
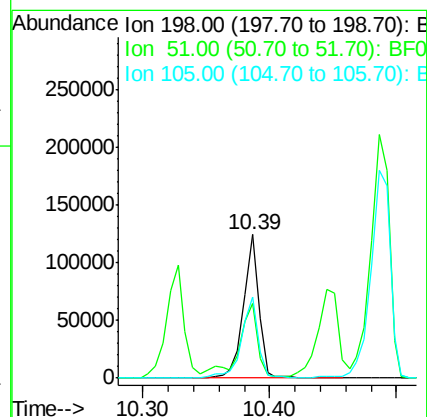
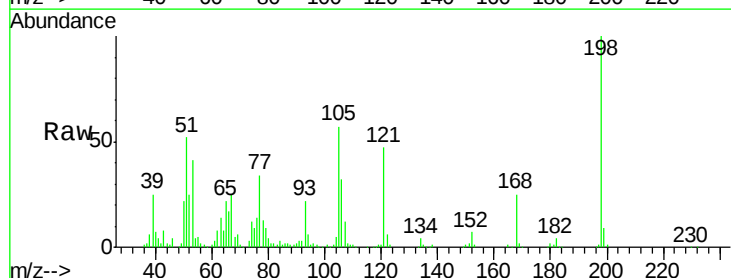
Instrument :
BNA_F
ClientSampleId :
PB101695BS

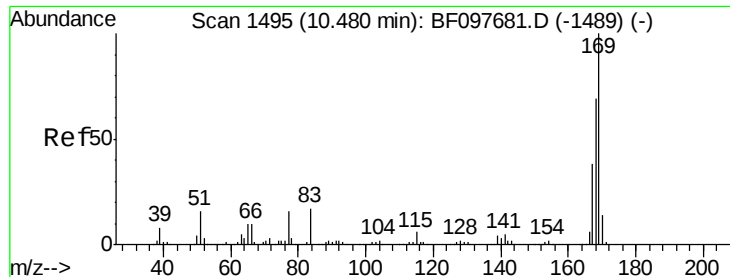
Tot Ion:188 Resp: 424368
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 51.56 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:198 Resp: 104596
Ion Ratio Lower Upper
198 100
51 51.8 53.2 93.2#
105 57.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 41.12 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

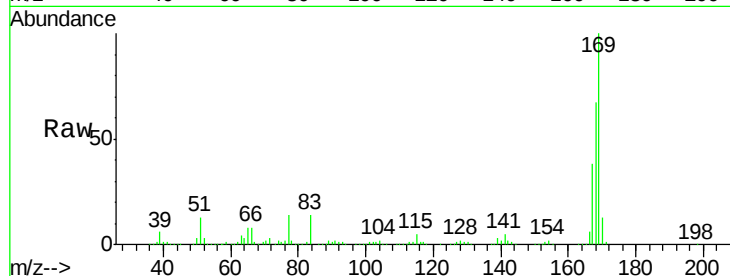
Tot Ion:169 Resp: 594273

Ion Ratio Lower Upper

169 100

168 67.4 53.2 79.8

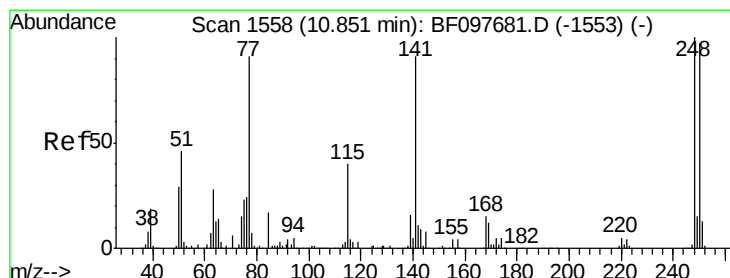
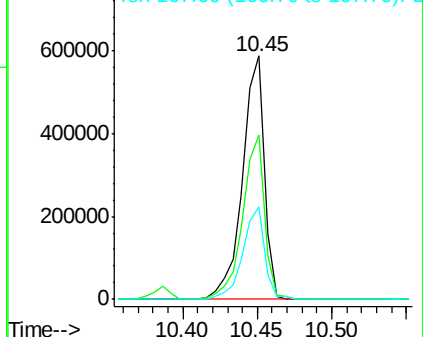
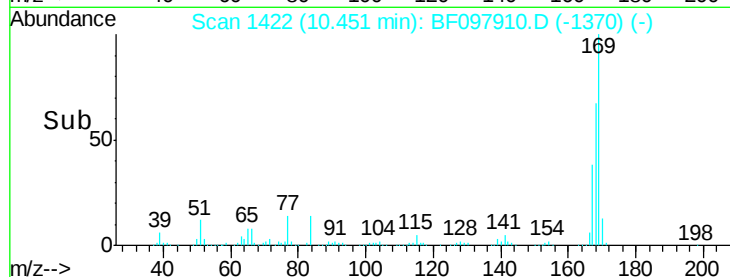
167 37.9 29.5 44.3



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: 42.01 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

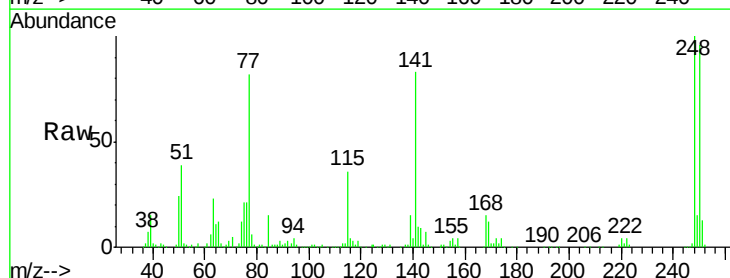
Tgt Ion:248 Resp: 185115

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

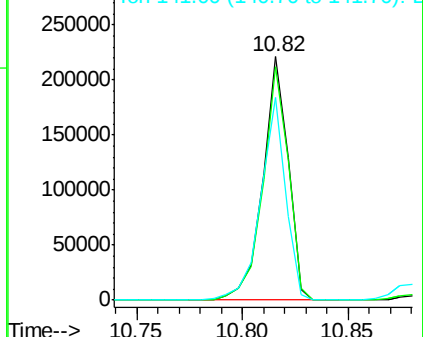
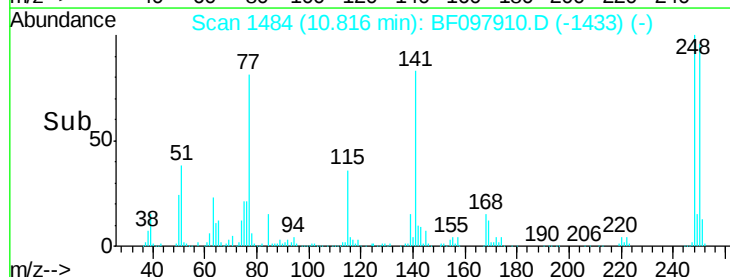
141 83.3 68.6 103.0

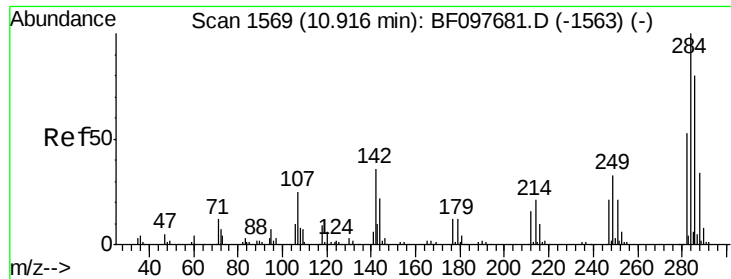


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

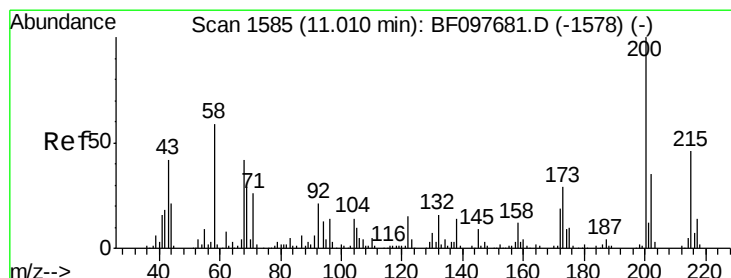
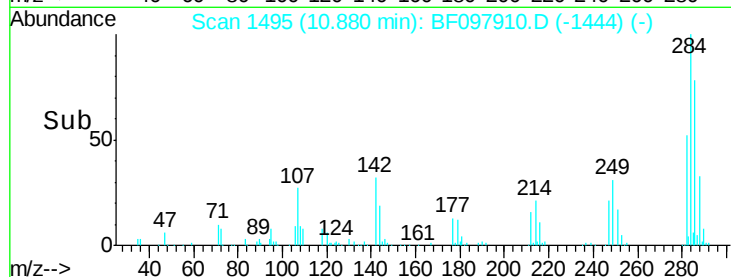
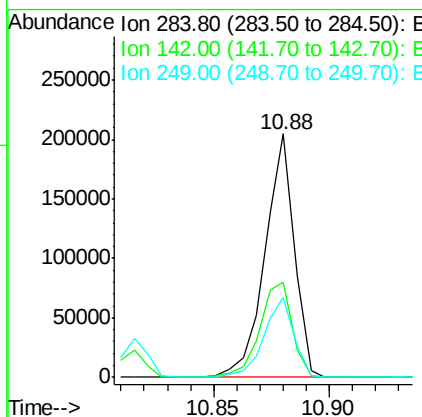
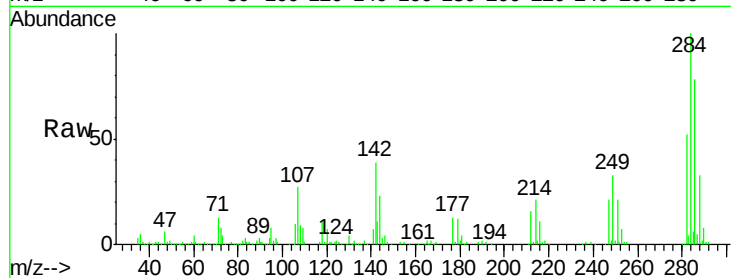




#67
Hexachlorobenzene
Concen: 40.18 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

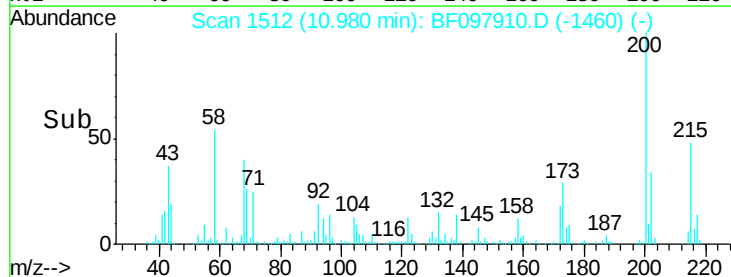
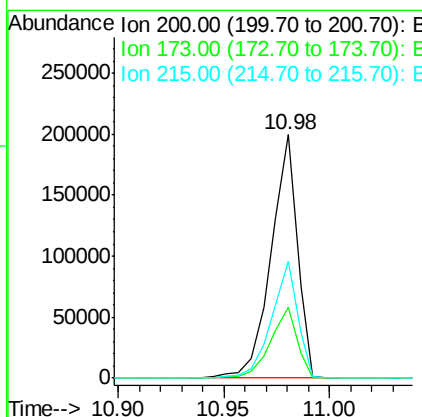
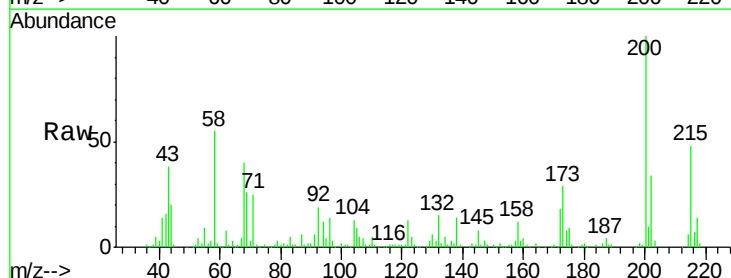
Instrument :
BNA_F
ClientSampleId :
PB101695BS

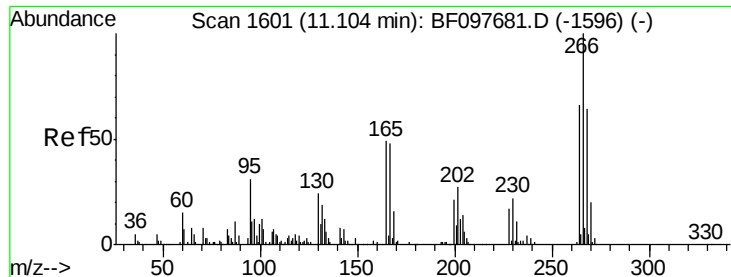
Tot Ion:284 Resp: 180481
Ion Ratio Lower Upper
284 100
142 38.8 22.8 34.2#
249 32.9 24.0 36.0



#68
Atrazine
Concen: 45.30 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:200 Resp: 173613
Ion Ratio Lower Upper
200 100
173 29.0 6.3 46.3
215 47.8 27.2 67.2

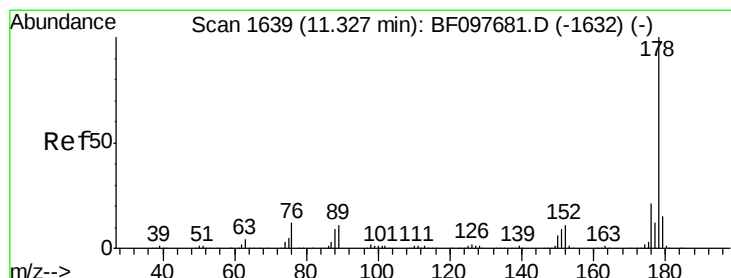
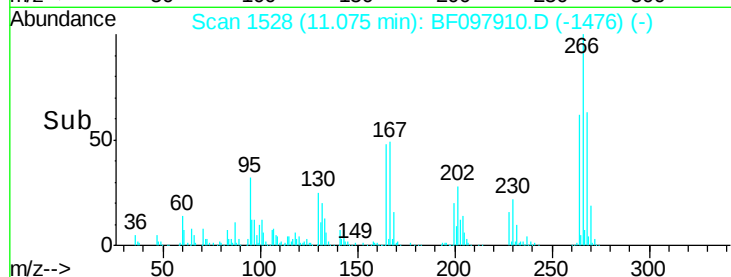
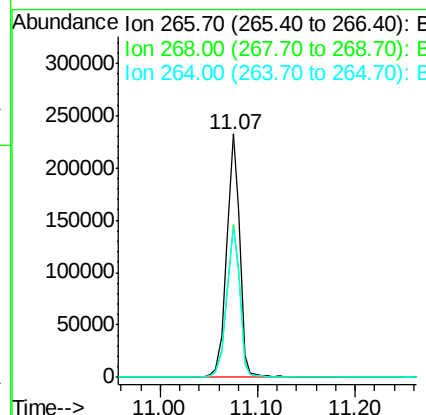
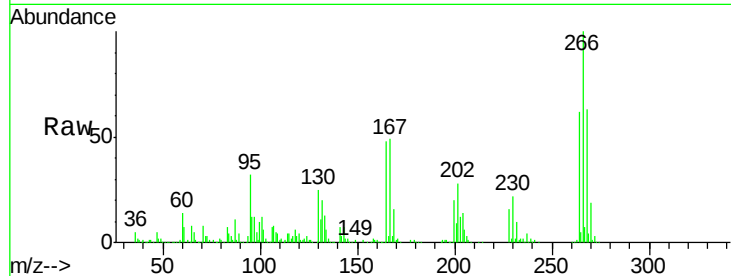




#69
 Pentachlorophenol
 Concen: 82.44 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

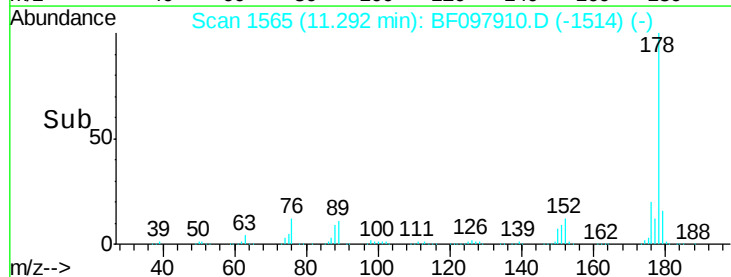
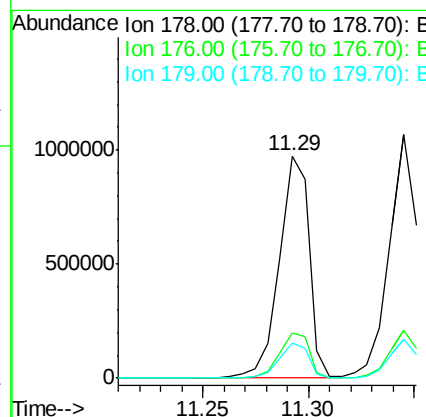
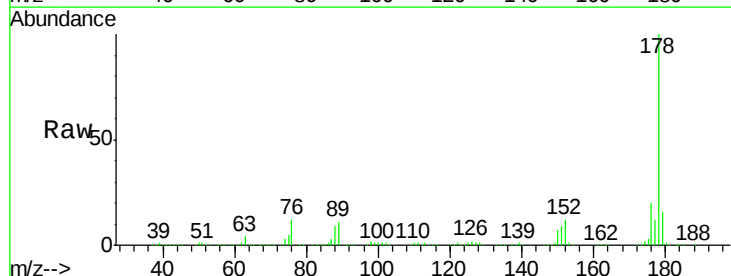
Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

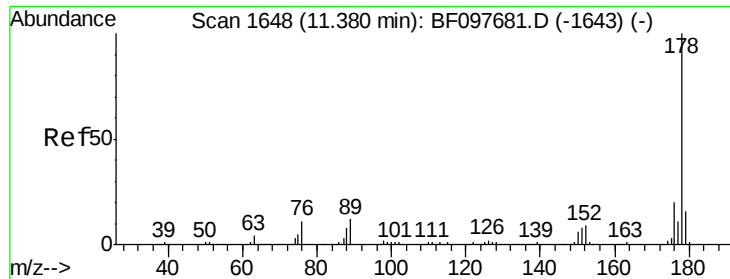
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.9	51.7	77.5



#70
 Phenanthrene
 Concen: 42.44 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.7	12.6	19.0

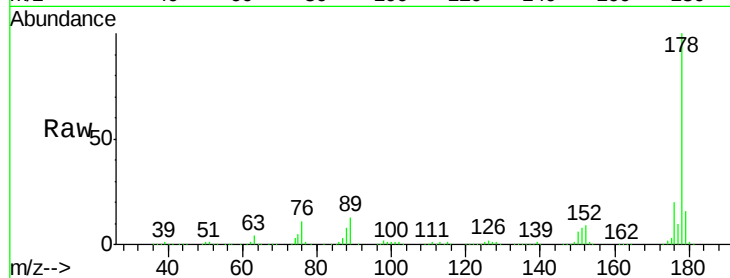




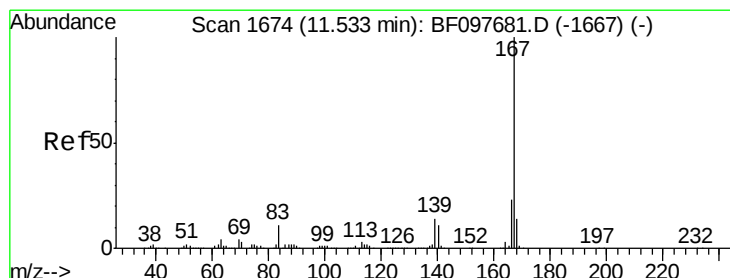
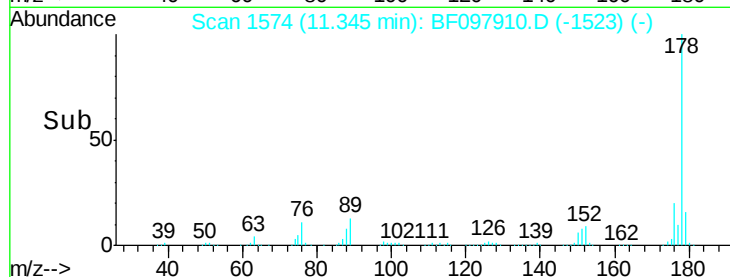
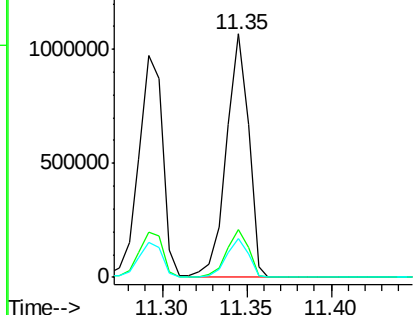
#71
 Anthracene
 Concen: 42.61 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB101695BS

Tot Ion:178 Resp: 977372
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 12.7 19.1

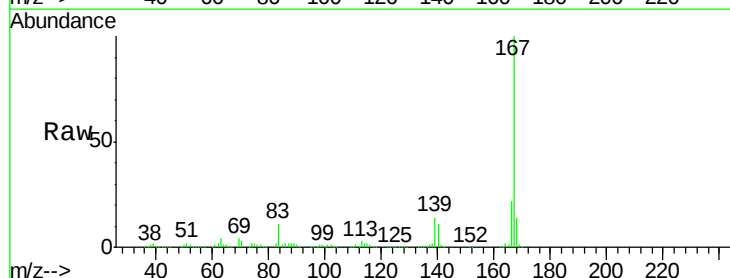


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

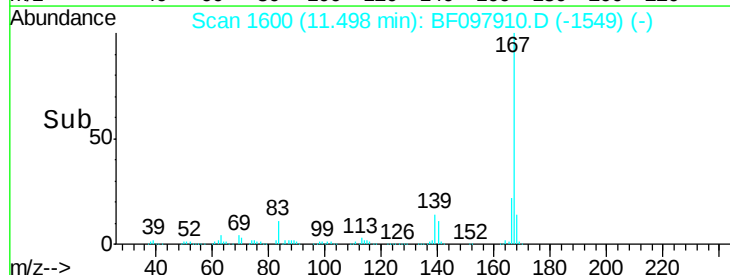
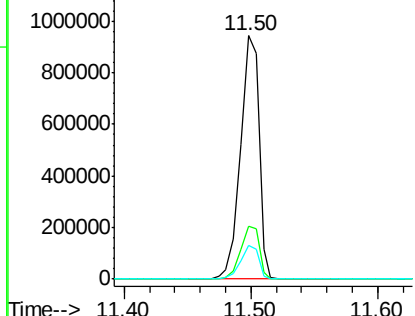


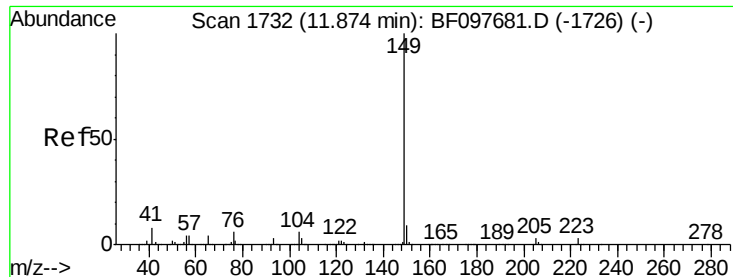
#72
 Carbazole
 Concen: 43.50 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097910.D
 Acq: 21 Aug 2017 17:30

Tgt Ion:167 Resp: 947051
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.9 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

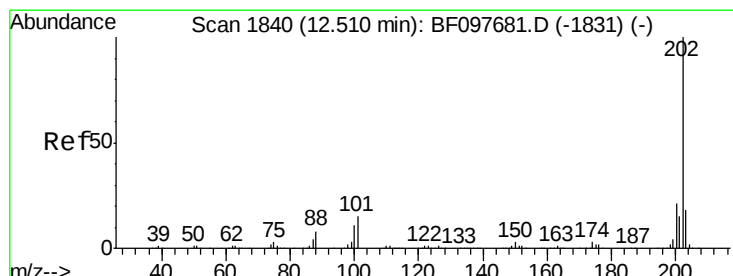
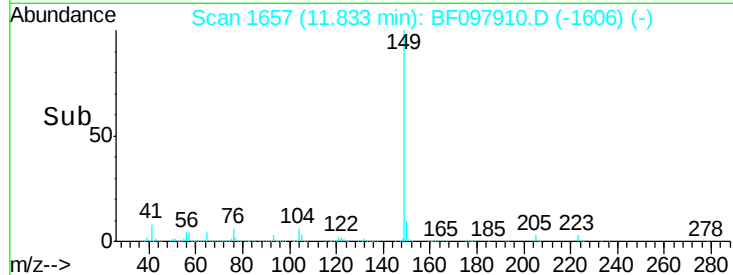
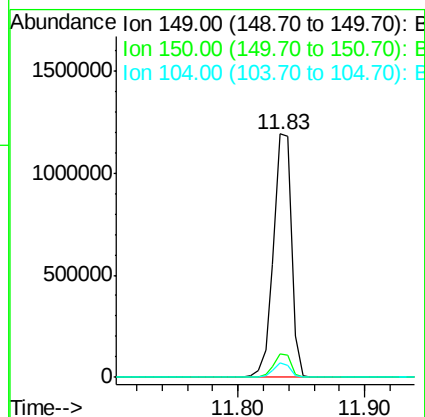
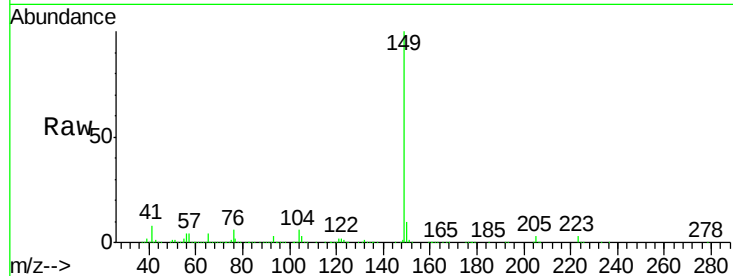




#73
Di-n-butylphthalate
Concen: 46.70 ng
RT: 11.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

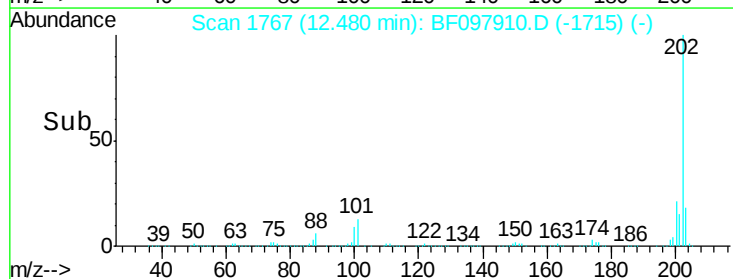
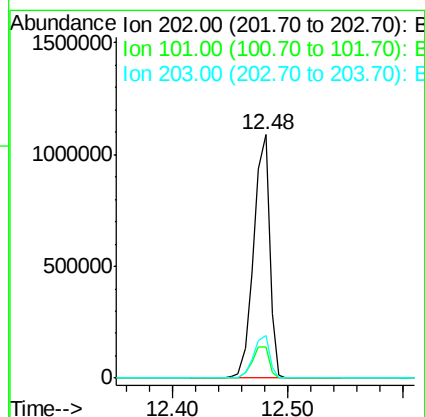
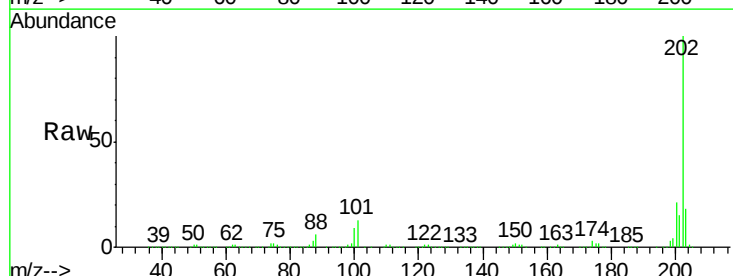
Instrument :
BNA_F
ClientSampleId :
PB101695BS

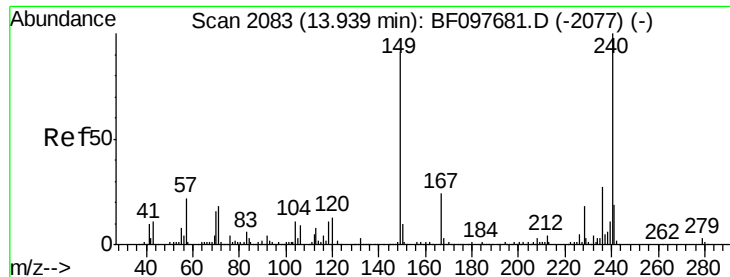
Tot Ion:149 Resp: 1171123
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.7 4.0 6.0



#74
Fluoranthene
Concen: 44.30 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:202 Resp: 1045662
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

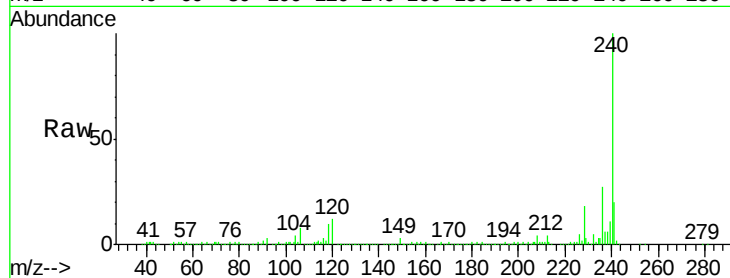
Tot Ion:240 Resp: 341853

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

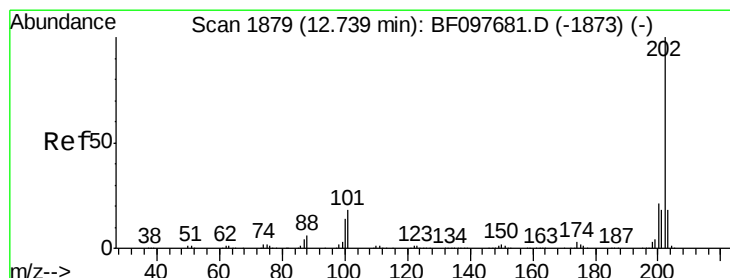
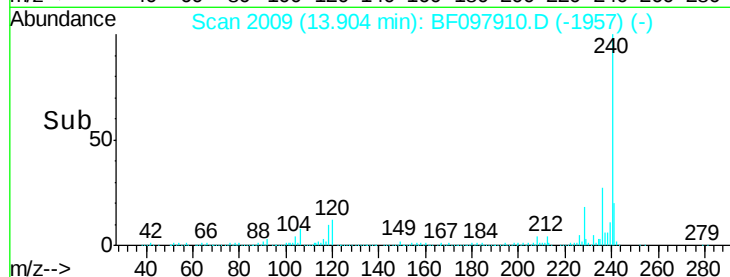
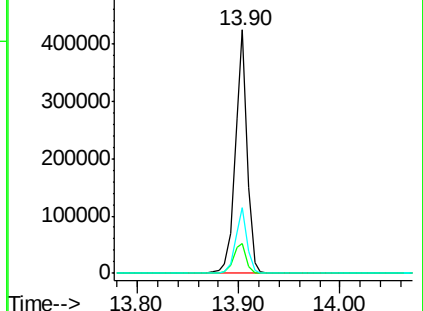
236 27.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 38.82 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

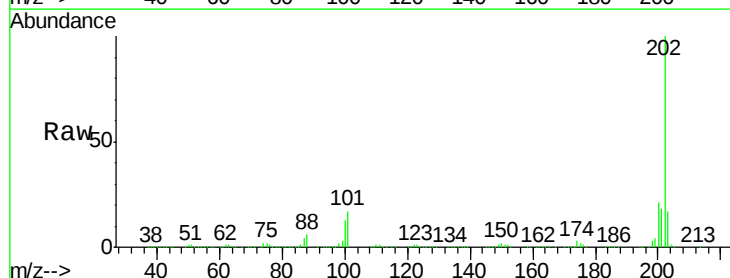
Tgt Ion:202 Resp: 1085339

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

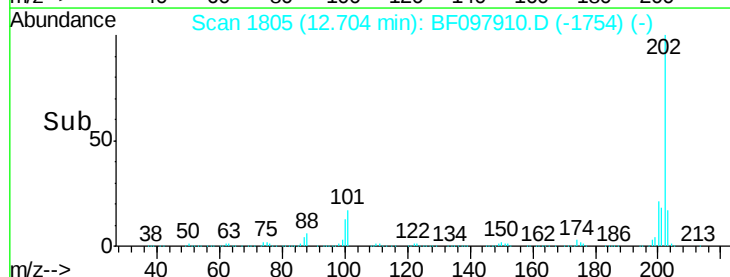
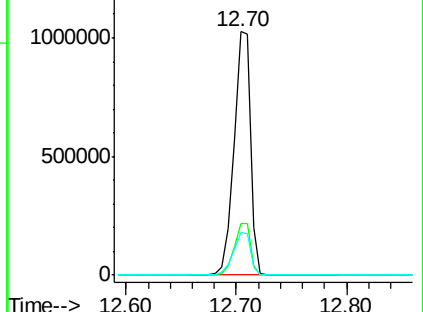
203 17.5 14.4 21.6

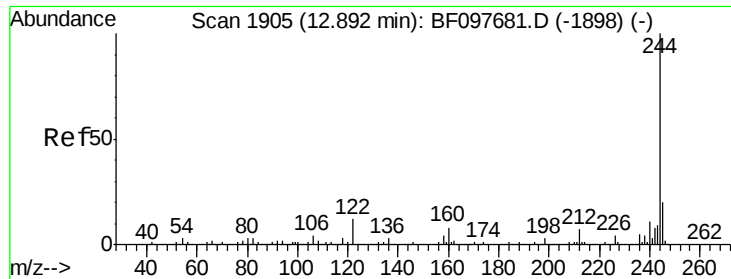


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.76 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

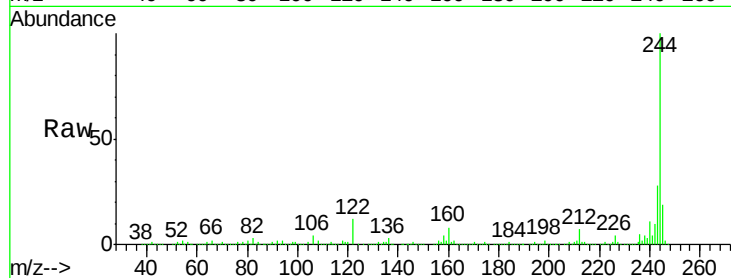
Tot Ion:244 Resp: 1143534

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

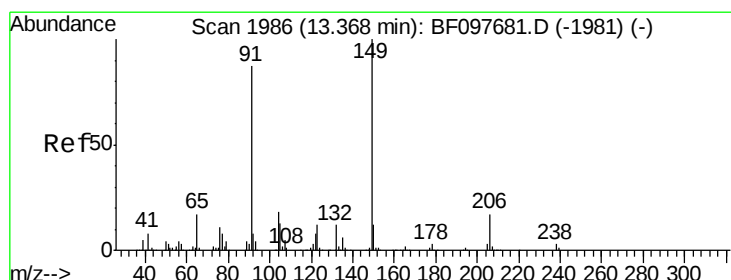
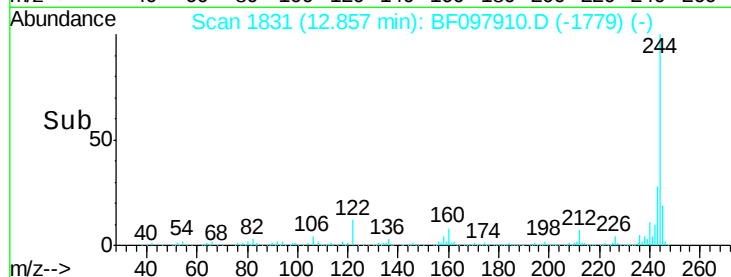
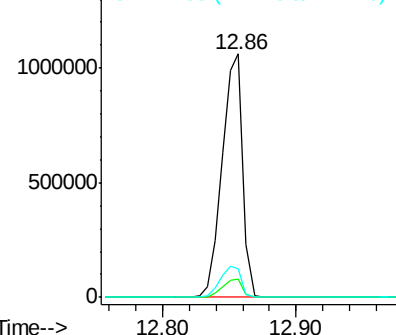
122 11.9 10.3 15.5



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: 47.33 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

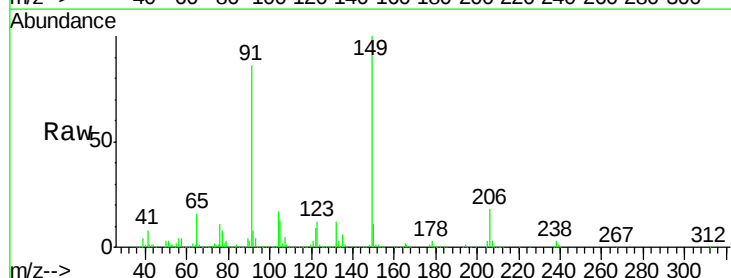
Tgt Ion:149 Resp: 507417

Ion Ratio Lower Upper

149 100

91 86.1 45.0 67.4#

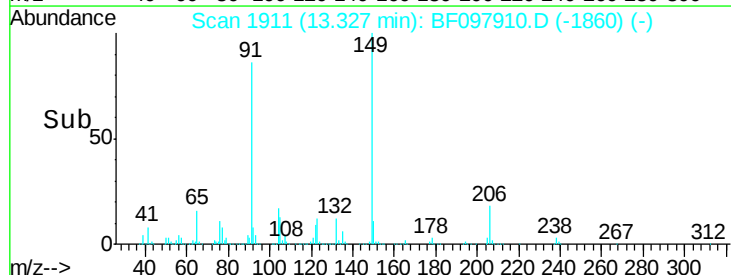
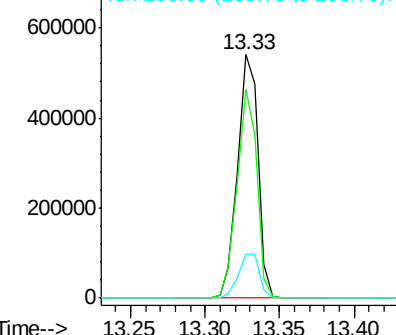
206 18.1 17.0 25.6

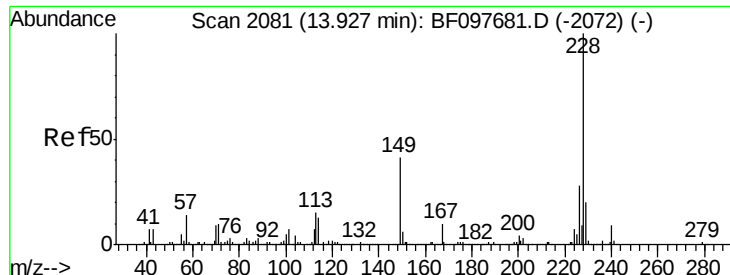


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.37 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

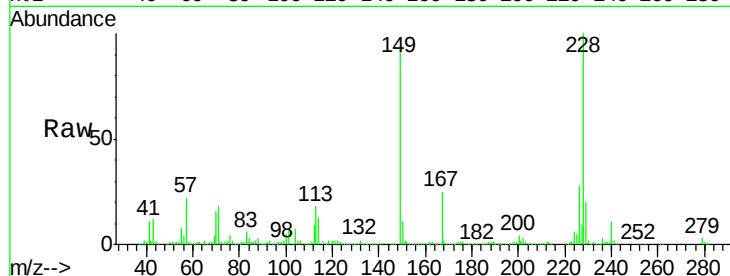
Tot Ion:228 Resp: 806546

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

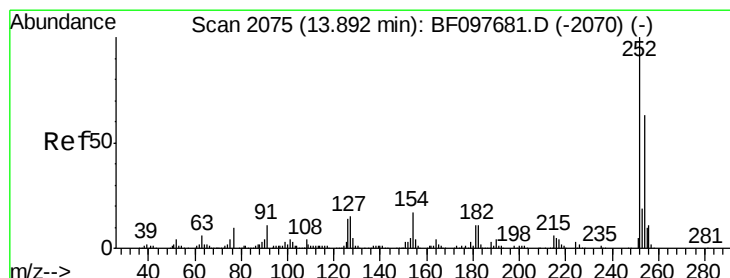
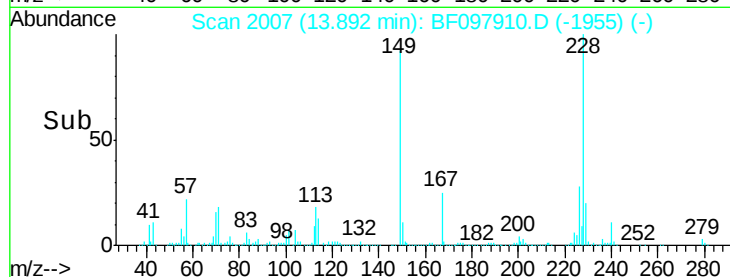
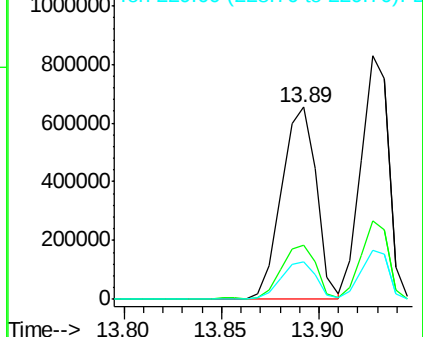
229 19.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 38.82 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

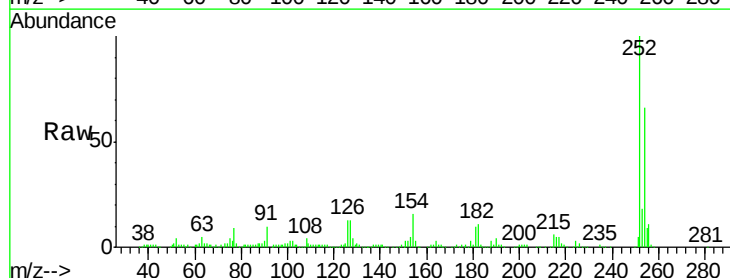
Tgt Ion:252 Resp: 268400

Ion Ratio Lower Upper

252 100

254 66.0 51.5 77.3

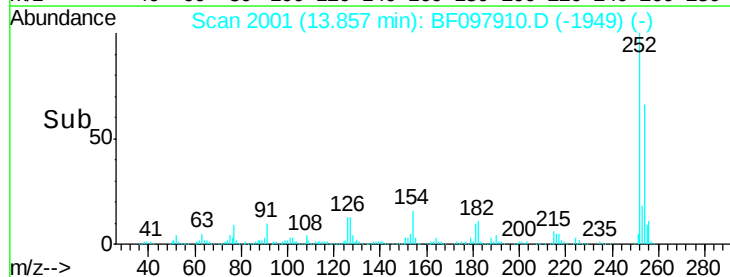
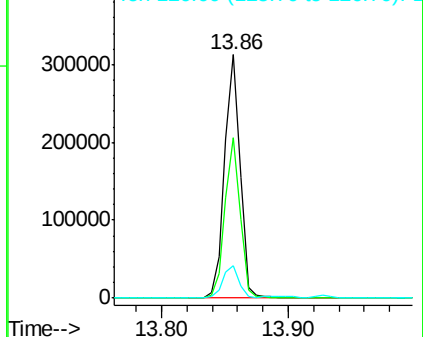
126 13.3 15.8 23.8#

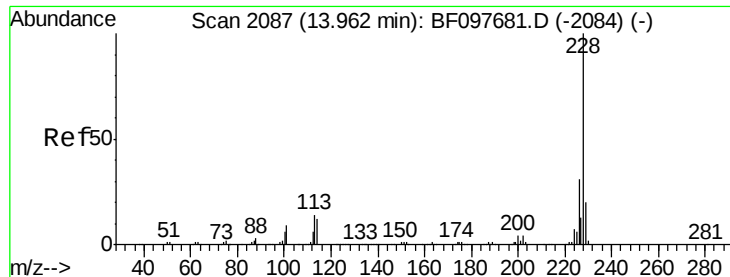


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.20 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

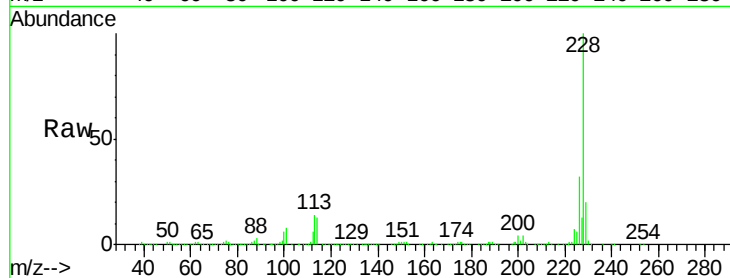
Tot Ion:228 Resp: 819251

Ion Ratio Lower Upper

228 100

226 32.3 24.9 37.3

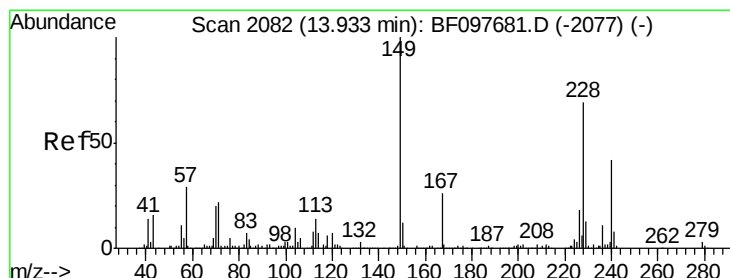
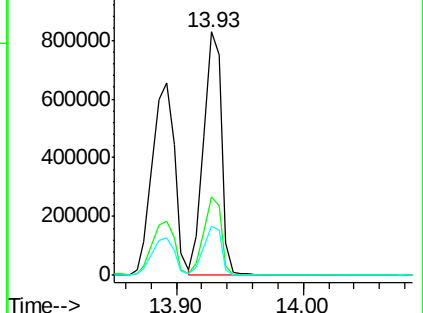
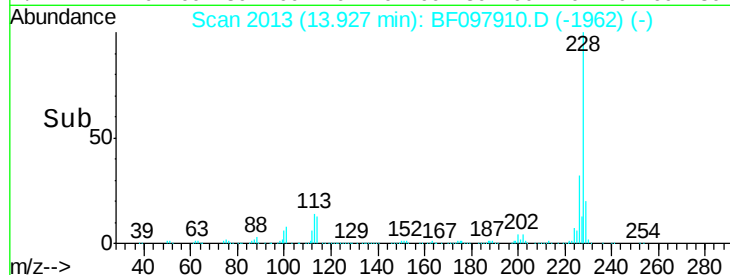
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 50.64 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

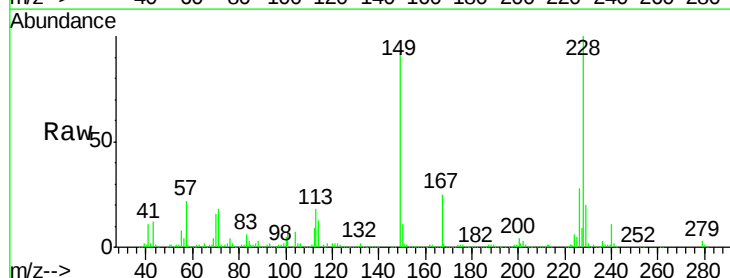
Tgt Ion:149 Resp: 601588

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

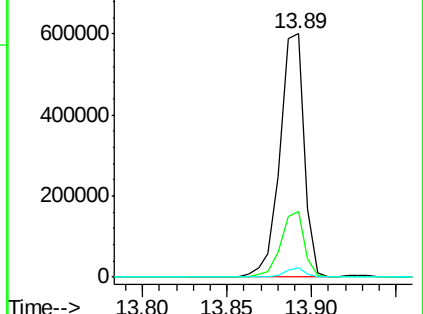
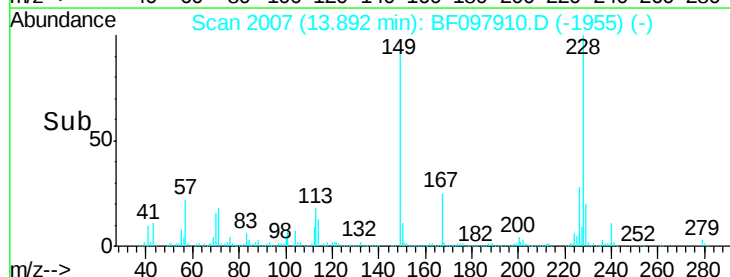
279 3.7 1.9 2.9#

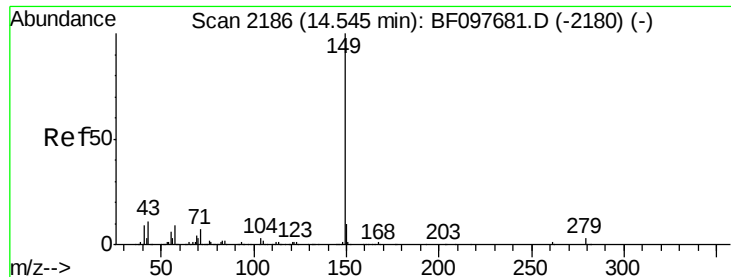


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

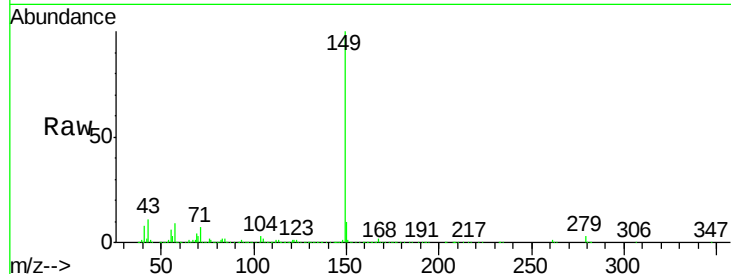




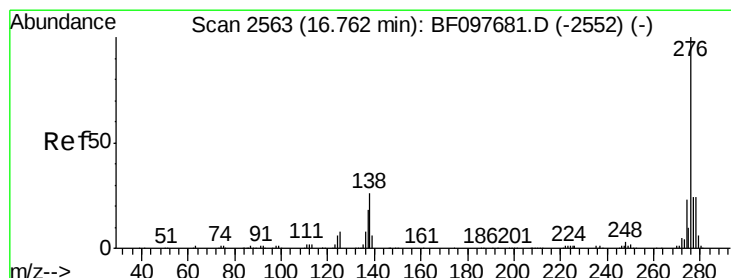
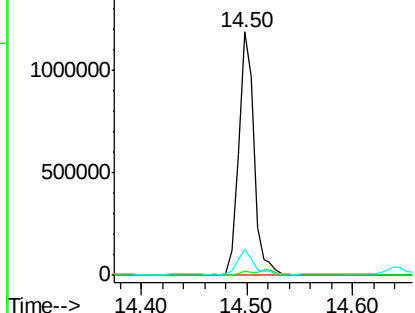
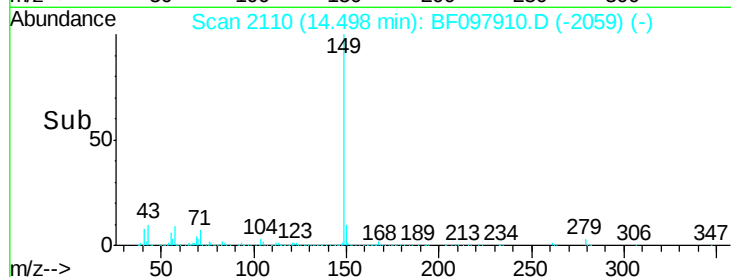
#84
Di-n-octyl phthalate
Concen: 56.11 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion:149 Resp: 1159778
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 10.7 8.5 12.7

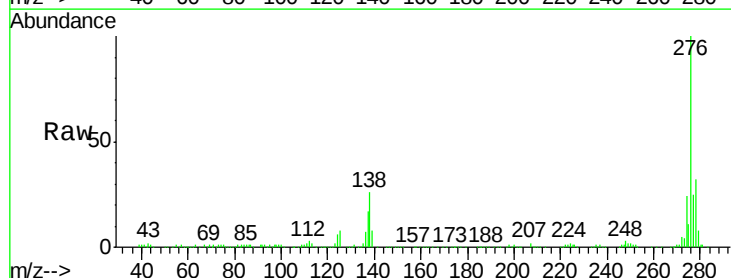


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

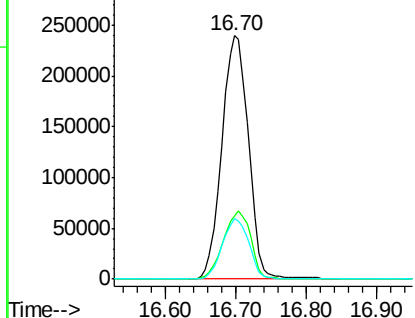
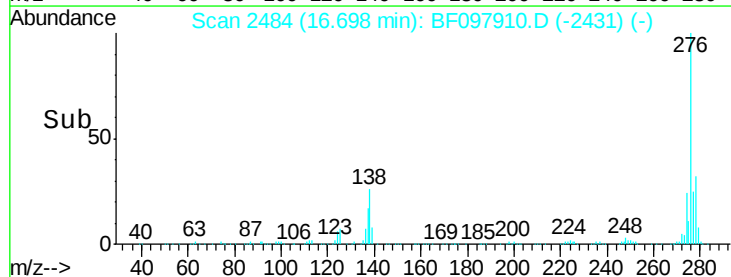


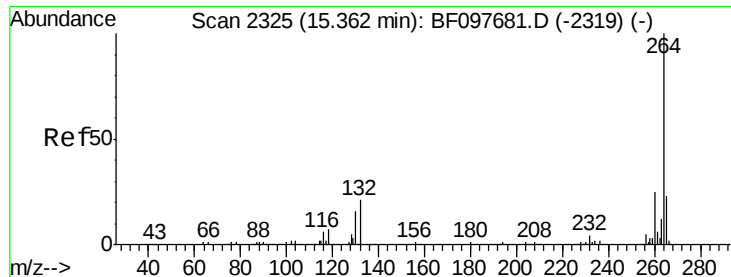
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.81 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:276 Resp: 626816
Ion Ratio Lower Upper
276 100
138 28.9 27.8 41.6
277 24.9 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



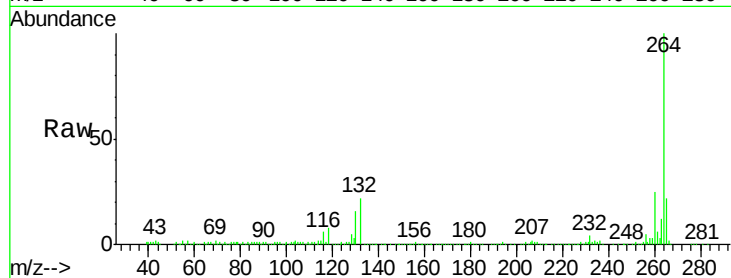


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

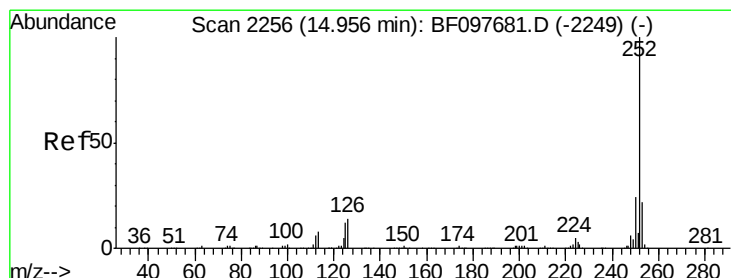
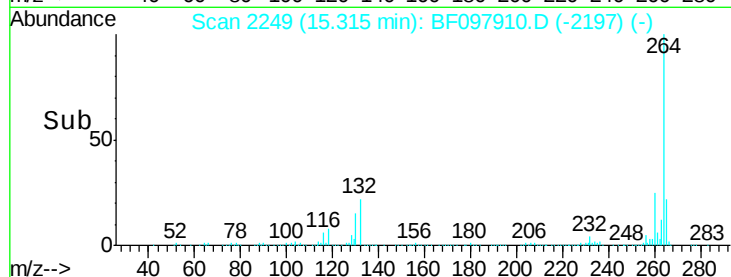
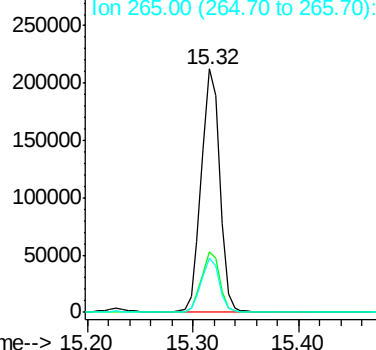
Instrument :
BNA_F
ClientSampleId :
PB101695BS

Tot Ion:264 Resp: 257344

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	17.2	25.8



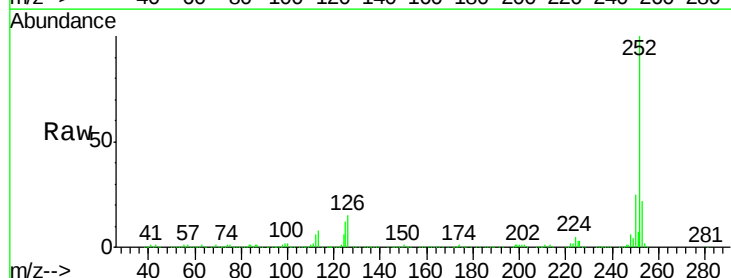
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



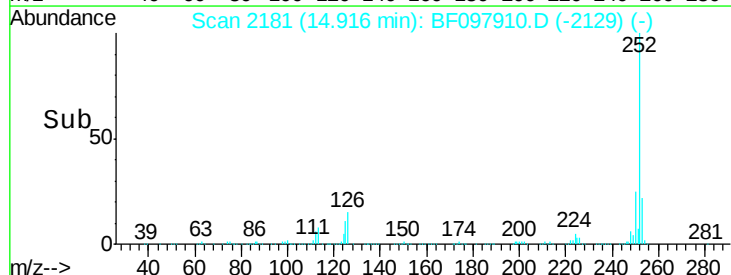
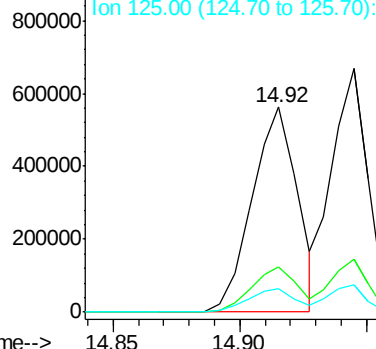
#87
Benzo(b)fluoranthene
Concen: 43.16 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

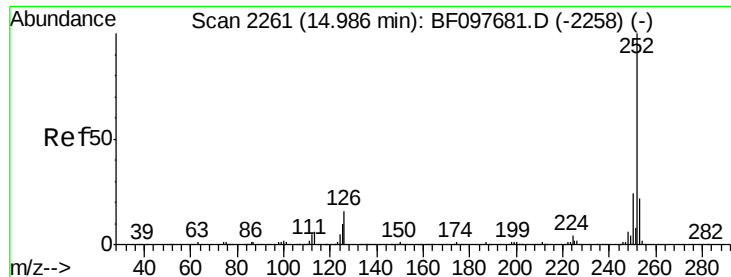
Tgt Ion:252 Resp: 700082

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.6	9.8	14.8



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

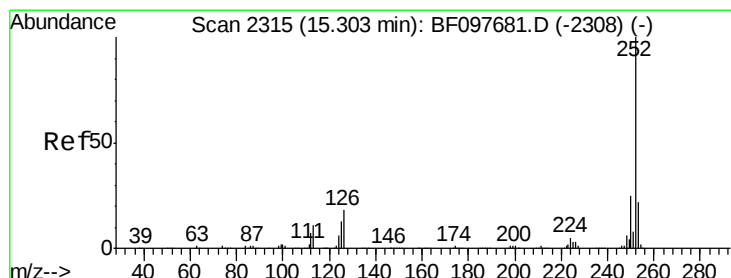
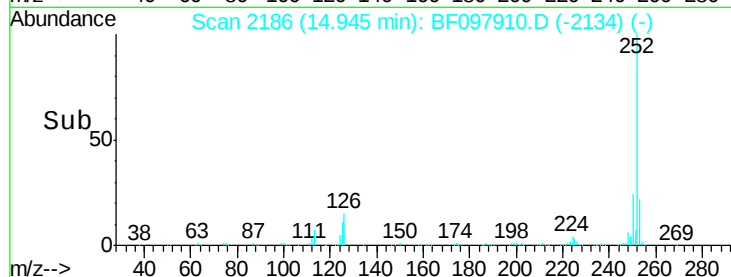
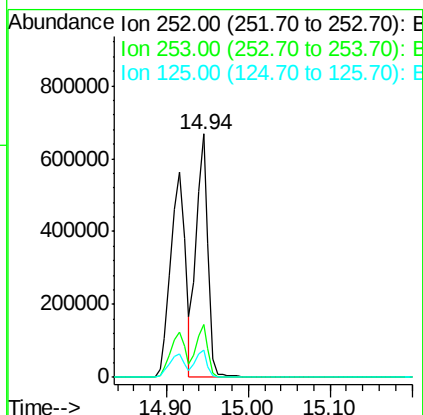
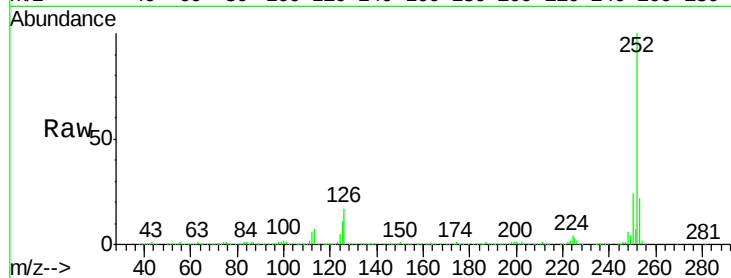




#88
Benzo(k)fluoranthene
Concen: 43.98 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

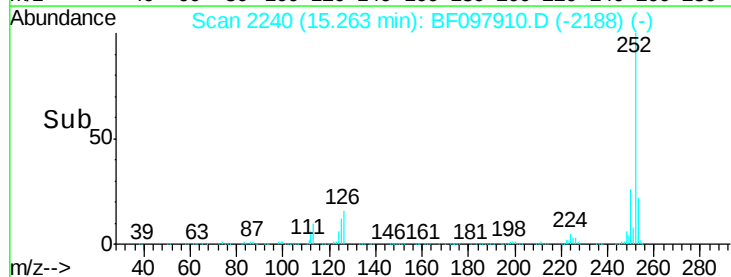
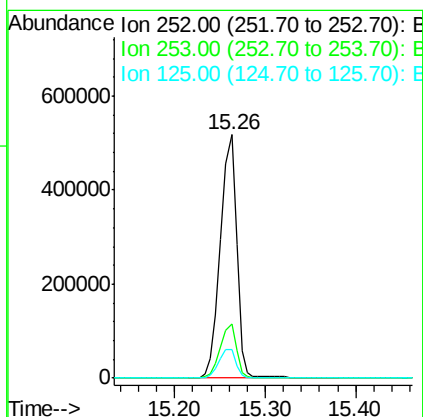
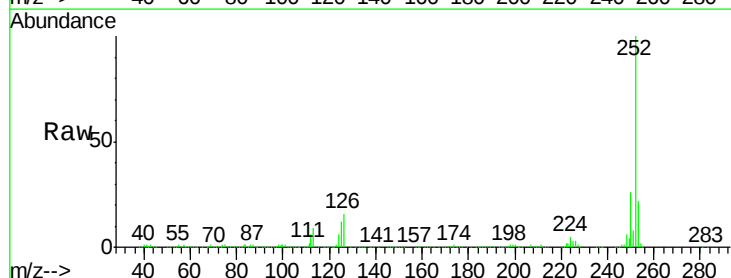
Instrument :
BNA_F
ClientSampleId :
PB101695BS

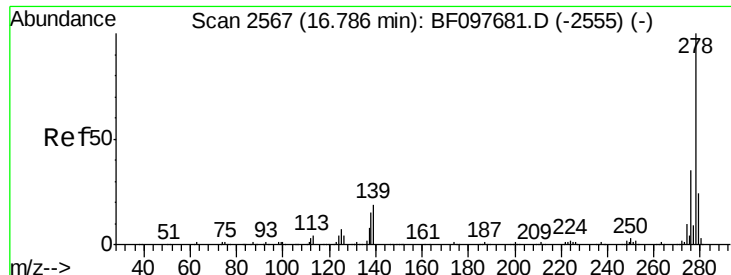
Tot Ion:252 Resp: 670251
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 11.2 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 44.97 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097910.D
Acq: 21 Aug 2017 17:30

Tgt Ion:252 Resp: 645735
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.9 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 43.55 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB101695BS

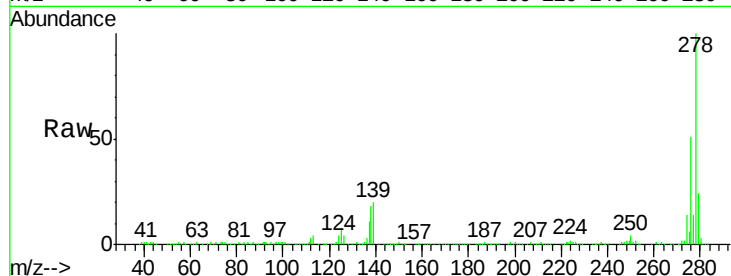
Tot Ion:278 Resp: 509091

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

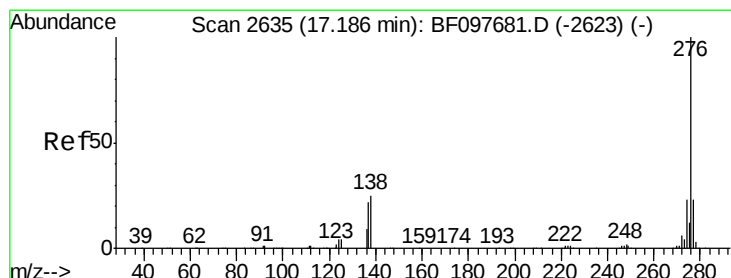
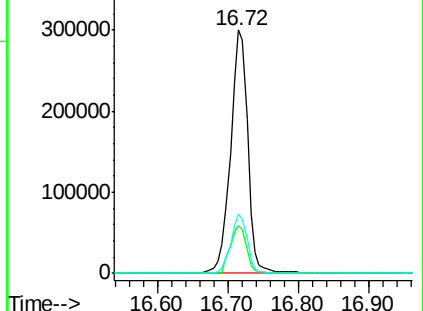
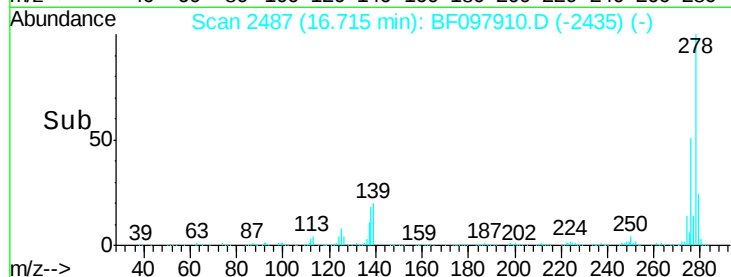
279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.71 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF097910.D

Acq: 21 Aug 2017 17:30

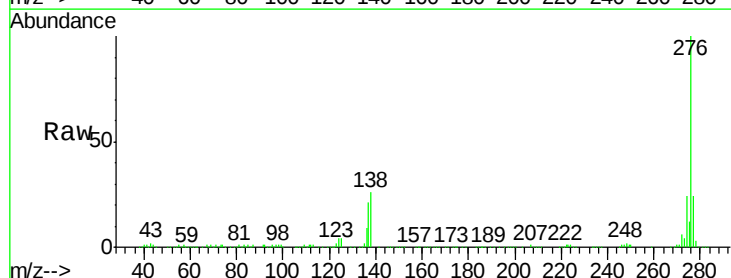
Tgt Ion:276 Resp: 533174

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 25.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

