

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097874.D
 Acq On : 19 Aug 2017 13:07
 Operator : SJ/JU
 Sample : PB101621BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Quant Time: Aug 21 02:36:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132784	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	557852	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	268321	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	543299	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	374745	20.00	ng	-0.02
86) Perylene-d12	15.33	264	267227	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1112799	127.47	ng	0.00
7) Phenol-d6	6.40	99	1529036	128.91	ng	0.00
23) Nitrobenzene-d5	7.33	82	989484	96.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	341732	146.78	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1536090	84.11	ng	-0.02
78) Terphenyl-d14	12.87	244	1394941	77.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	171906	35.31	ng	93
3) Pyridine	3.25	79	512298	38.06	ng	87
4) n-Nitrosodimethylamine	3.21	42	208032	40.17	ng	82
6) Aniline	6.43	93	518673	31.13	ng	98
8) 2-Chlorophenol	6.55	128	398627	43.30	ng	97
9) Benzaldehyde	6.31	77	164424	21.89	ng	89
10) Phenol	6.42	94	562777	40.57	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	439307	41.96	ng	95
12) 1,3-Dichlorobenzene	6.70	146	389985	39.38	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	394320	39.15	ng	94
14) 1,2-Dichlorobenzene	6.93	146	363911	39.19	ng	99
15) Benzyl Alcohol	6.90	79	404522	45.55	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	597234	42.40	ng	91
17) 2-Methylphenol	7.02	107	374094	46.11	ng	95
18) Hexachloroethane	7.27	117	163909	41.51	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	335037	41.26	ng	89
20) 3+4-Methylphenols	7.17	107	435960	44.00	ng	96
22) Acetophenone	7.17	105	585110	39.70	ng	# 92
24) Nitrobenzene	7.35	77	520846	45.55	ng	92
25) Isophorone	7.59	82	991853	46.45	ng	97
26) 2-Nitrophenol	7.66	139	211245	50.67	ng	# 79
27) 2,4-Dimethylphenol	7.70	122	392161	44.04	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	606510	43.20	ng	98
29) 2,4-Dichlorophenol	7.90	162	345400	46.72	ng	93
30) 1,2,4-Trichlorobenzene	7.99	180	329893	40.26	ng	99
31) Naphthalene	8.07	128	1161442	40.10	ng	99
32) Benzoic acid	7.83	122	219605	35.73	ng	90
33) 4-Chloroaniline	8.12	127	325541	26.65	ng	99
34) Hexachlorobutadiene	8.19	225	190424	39.80	ng	98
35) Caprolactam	8.50	113	68977	27.45	ng	93
36) 4-Chloro-3-methylphenol	8.60	107	438321	46.15	ng	# 79
37) 2-Methylnaphthalene	8.76	142	790766	44.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	309983	37.64	ng	# 97
40) Hexachlorocyclopentadiene	8.91	237	369750	93.47	ng	97

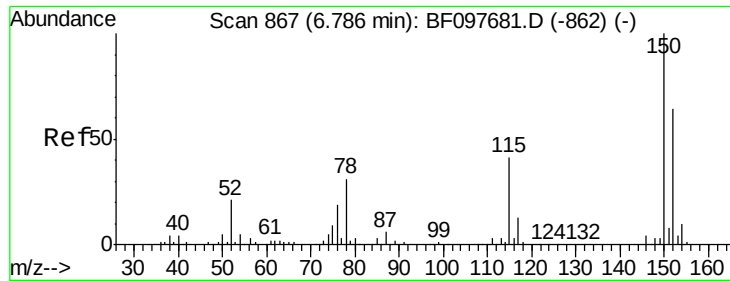
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	248353	44.92	nq	96
43) 2,4,5-Trichlorophenol	9.08	196	260521	47.50	nq	96
45) 1,1'-Biphenyl	9.22	154	949790	38.82	nq	96
46) 2-Chloronaphthalene	9.25	162	698491	38.64	nq	# 91
47) 2-Nitroaniline	9.35	65	297295	49.05	nq	97
48) Acenaphthylene	9.66	152	1171145	41.25	nq	100
49) Dimethylphthalate	9.53	163	905369	46.16	nq	99
50) 2,6-Dinitrotoluene	9.59	165	193705	49.48	nq	# 49
51) Acenaphthene	9.83	154	700892	39.14	nq	99
52) 3-Nitroaniline	9.76	138	169851	33.63	nq	90
53) 2,4-Dinitrophenol	9.86	184	153588	82.16	nq	# 77
54) Dibenzofuran	10.00	168	1057350	44.06	nq	99
55) 4-Nitrophenol	9.93	139	360634	89.50	nq	# 49
56) 2,4-Dinitrotoluene	9.99	165	255880	52.08	nq	# 51
57) Fluorene	10.35	166	769088	41.45	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.12	232	216051	50.88	nq	95
59) Diethylphthalate	10.23	149	954578	46.54	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	362595	42.07	nq	91
61) 4-Nitroaniline	10.37	138	222713	46.39	nq	# 69
62) Azobenzene	10.50	77	1128788	46.33	nq	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	112065	44.50	nq	90
65) n-Nitrosodiphenylamine	10.46	169	748412	40.45	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	243337	43.13	nq	100
67) Hexachlorobenzene	10.89	284	231202	40.21	nq	# 85
68) Atrazine	10.99	200	234040	47.70	nq	98
69) Pentachlorophenol	11.09	266	252245	75.23	nq	98
70) Phenanthrene	11.31	178	1156376	39.94	nq	100
71) Anthracene	11.36	178	1210100	41.21	nq	99
72) Carbazole	11.52	167	1134954	40.72	nq	98
73) Di-n-butylphthalate	11.85	149	1504025	46.85	nq	99
74) Fluoranthene	12.49	202	1245434	41.22	nq	99
77) Pyrene	12.72	202	1271714	41.49	nq	99
79) Butylbenzylphthalate	13.34	149	628704	53.50	nq	# 70
80) Benzo(a)anthracene	13.90	228	899512	40.05	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	263783	34.80	nq	# 96
82) Chrysene	13.94	228	925184	41.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	726955	55.83	nq	# 99
84) Di-n-octyl phthalate	14.51	149	1326857	58.56	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	691983	42.10	nq	94
87) Benzo(b)fluoranthene	14.93	252	736810	43.74	nq	98
88) Benzo(k)fluoranthene	14.96	252	693741	43.84	nq	# 94
89) Benzo(a)pyrene	15.27	252	667714	44.78	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	572781	47.18	nq	98
91) Benzo(g,h,i)perylene	17.14	276	590164	46.59	nq	# 92

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

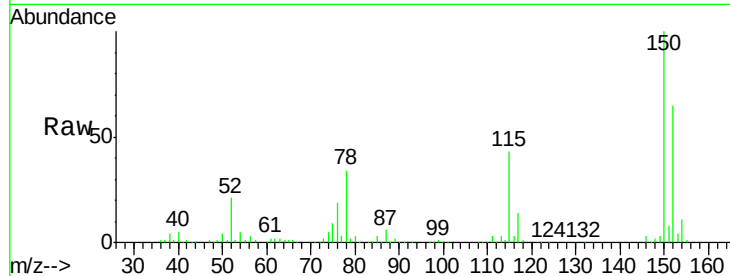


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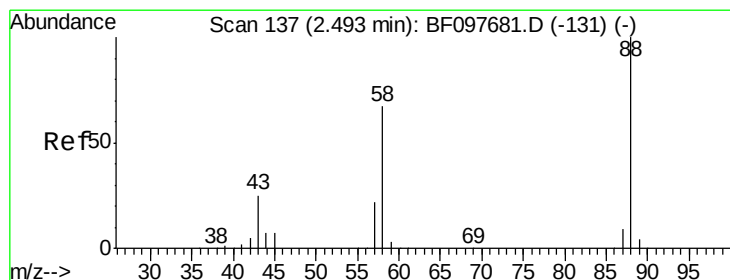
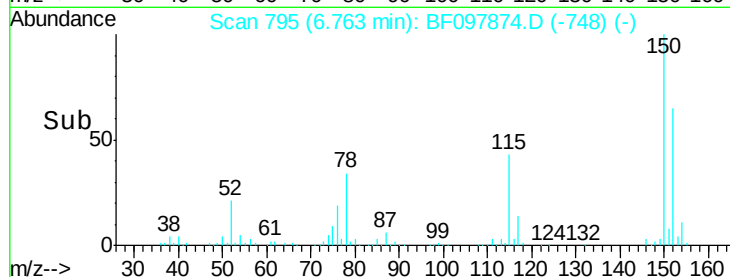
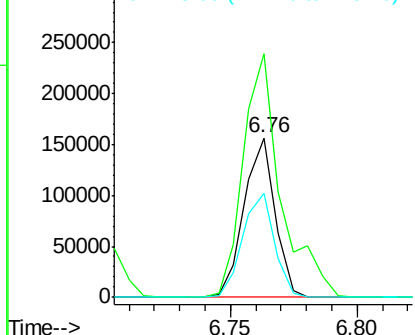
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion:152 Resp: 132784
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 65.5 52.2 78.2



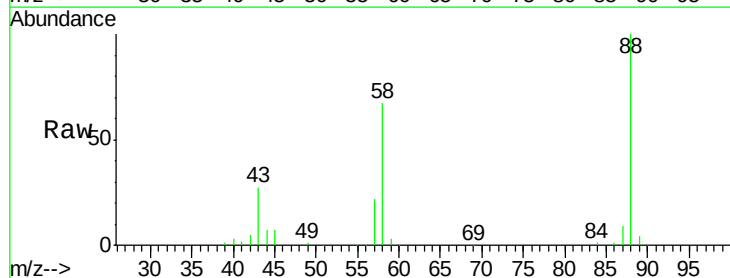
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



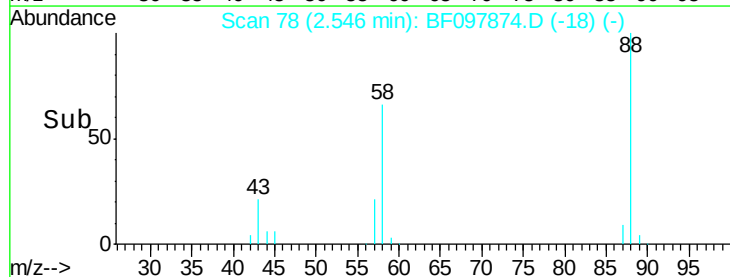
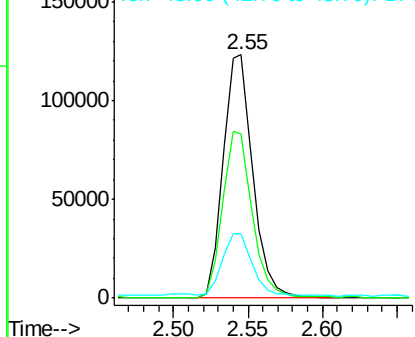
#2

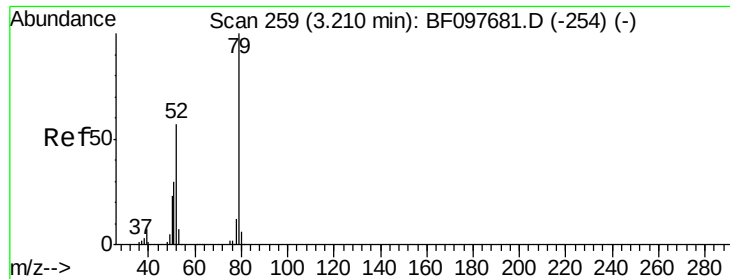
1,4-Dioxane
Concen: 35.31 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion: 88 Resp: 171906
Ion Ratio Lower Upper
88 100
58 69.7 61.4 92.0
43 26.8 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 38.06 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.04 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

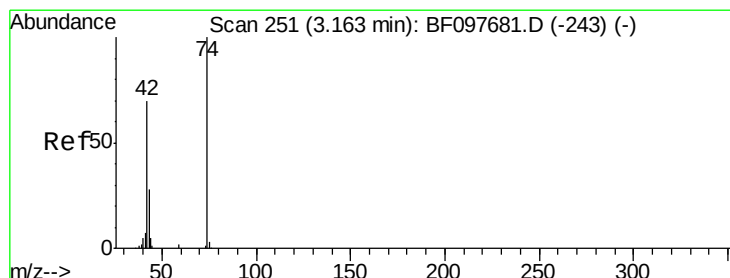
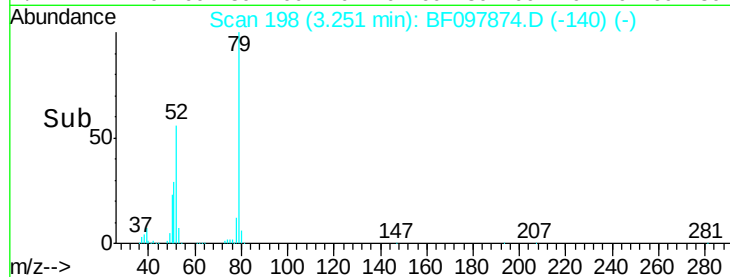
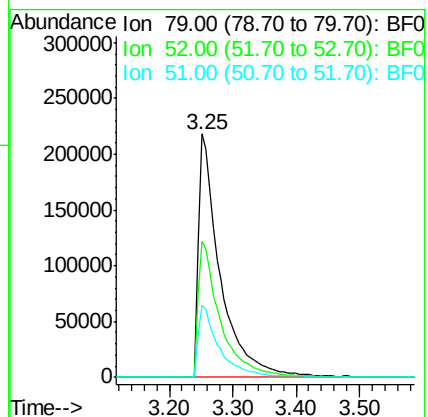
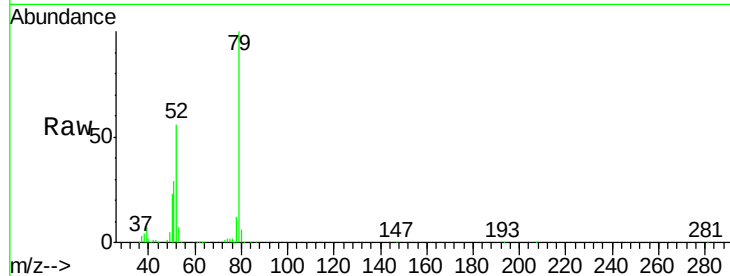
Tot Ion: 79 Resp: 512298

Ion Ratio Lower Upper

79 100

52 55.8 54.8 82.2

51 29.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.17 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.05 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

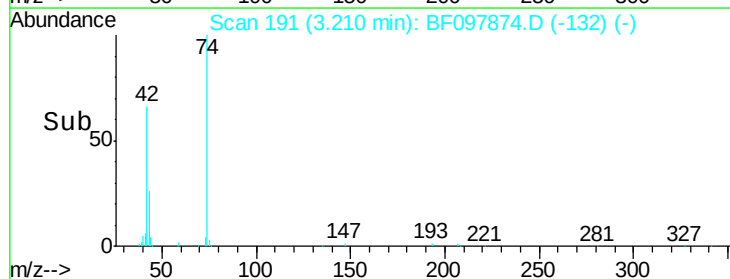
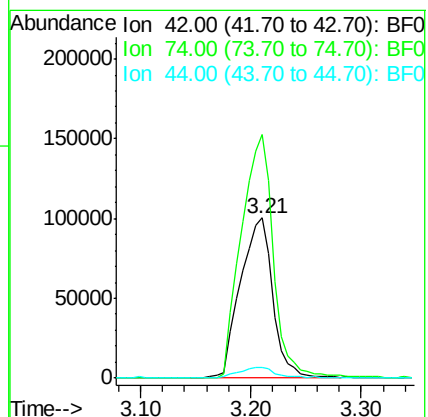
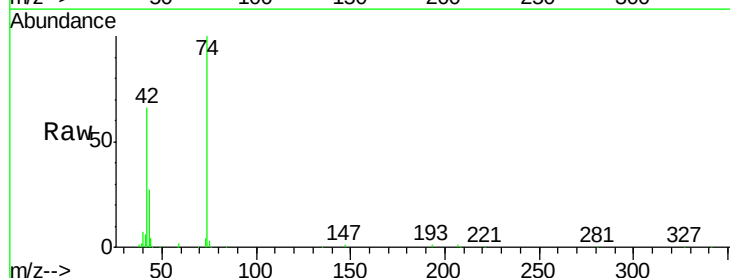
Tgt Ion: 42 Resp: 208032

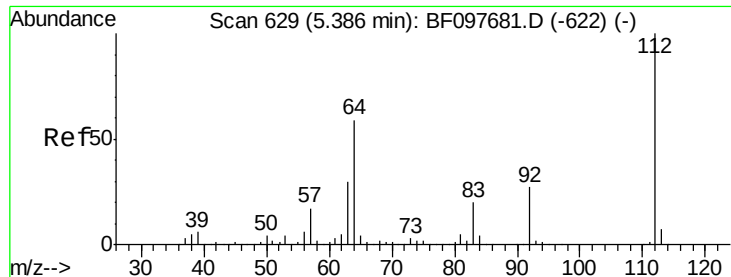
Ion Ratio Lower Upper

42 100

74 152.0 103.9 155.9

44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 127.47 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

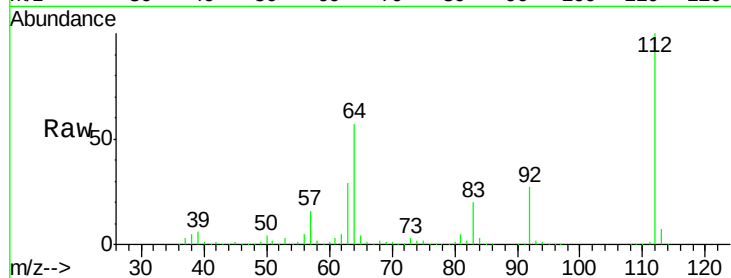
Tot Ion: 112 Resp: 1112799

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

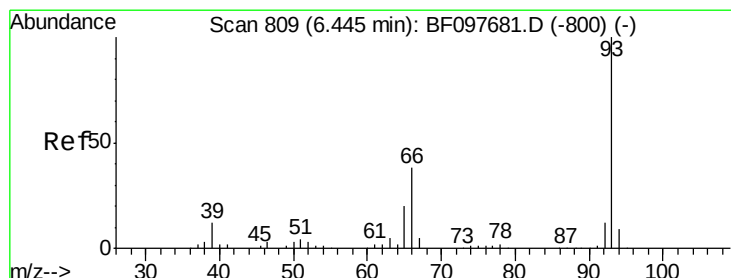
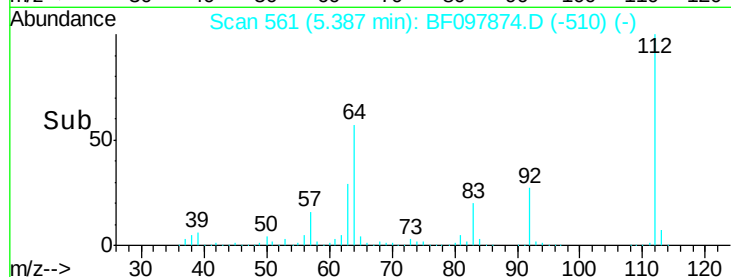
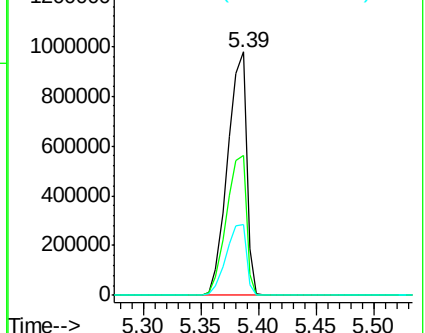
63 29.3 23.4 35.0



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: 31.13 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

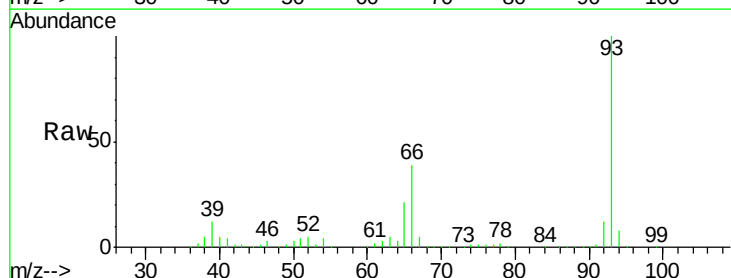
Tgt Ion: 93 Resp: 518673

Ion Ratio Lower Upper

93 100

66 39.4 32.9 49.3

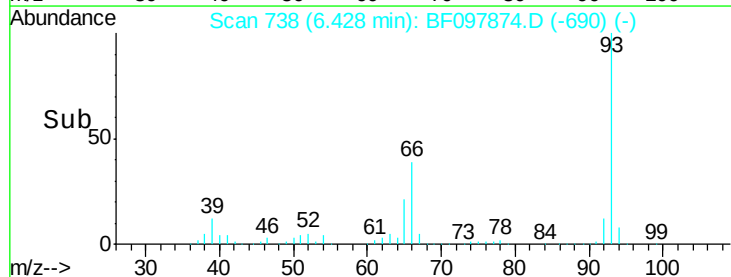
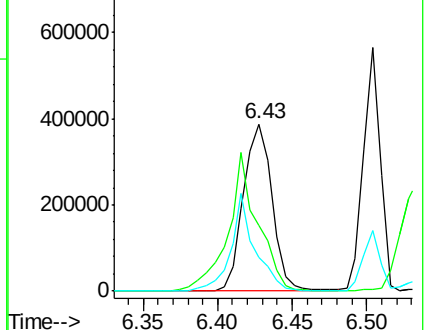
65 20.5 16.0 24.0

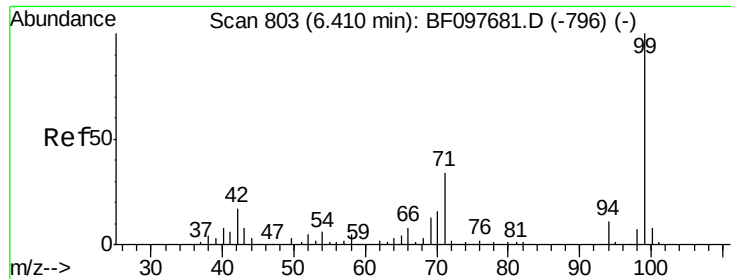


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.91 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

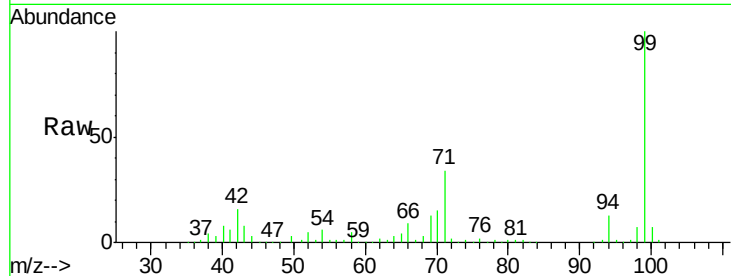
BNA_F

ClientSampled :

PB101621BS

Tot Ion: 99 Resp: 1529036

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	33.6	24.5	36.7

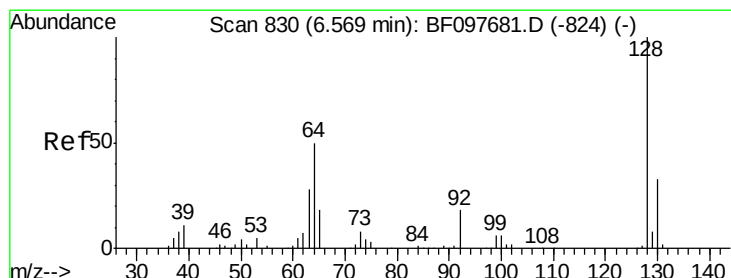
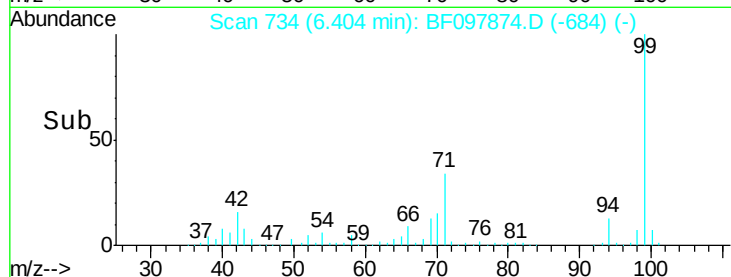
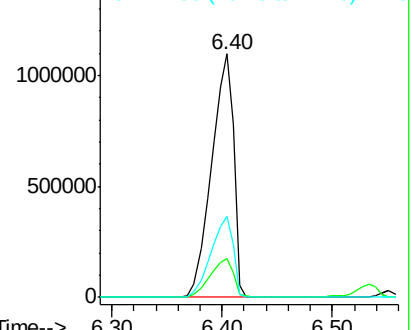


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.30 ng

RT: 6.55 min Scan# 759

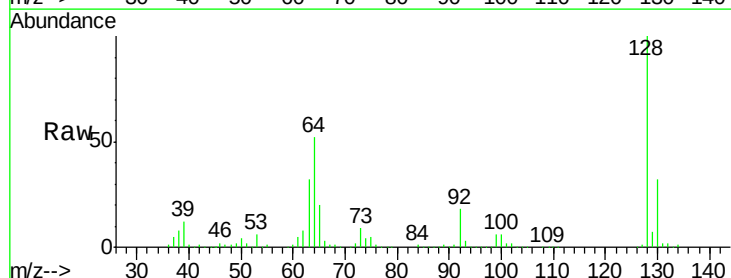
Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion: 128 Resp: 398627

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	51.7	28.4	68.4

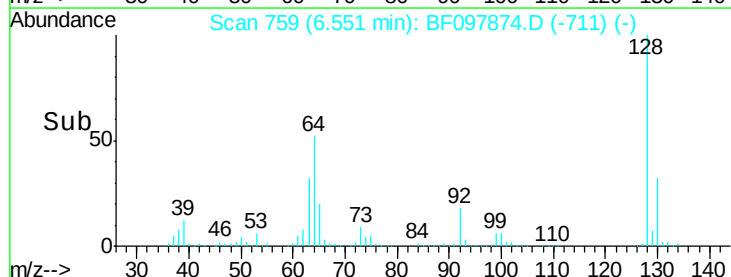
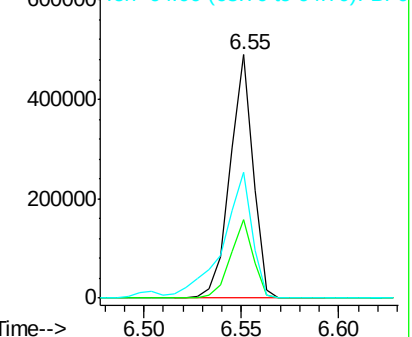


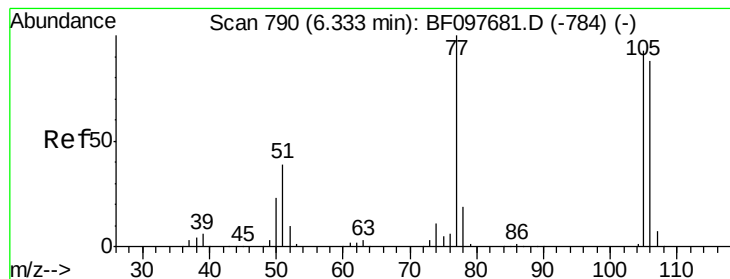
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.89 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

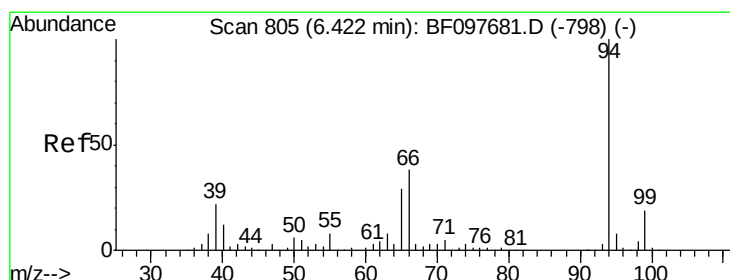
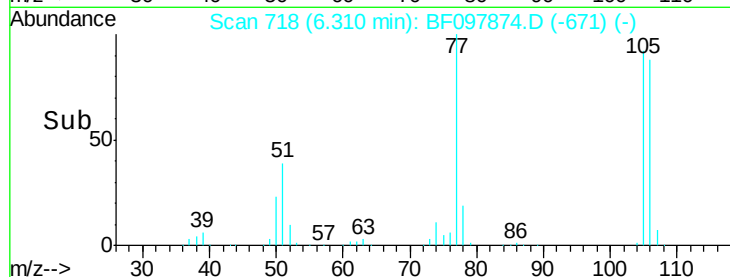
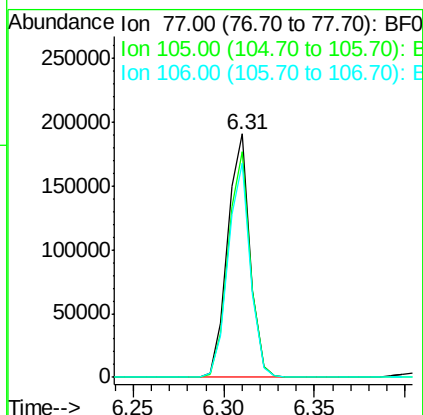
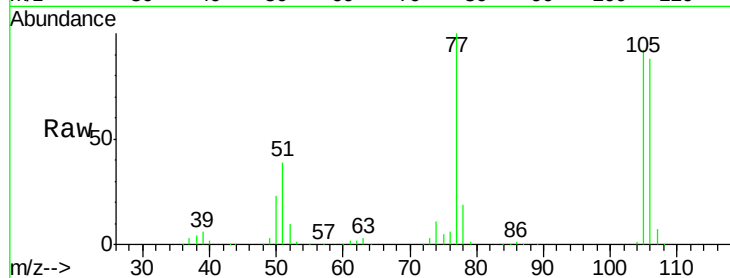
Tot Ion: 77 Resp: 164424

Ion Ratio Lower Upper

77 100

105 92.5 83.8 123.8

106 88.2 79.1 119.1



#10

Phenol

Concen: 40.57 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

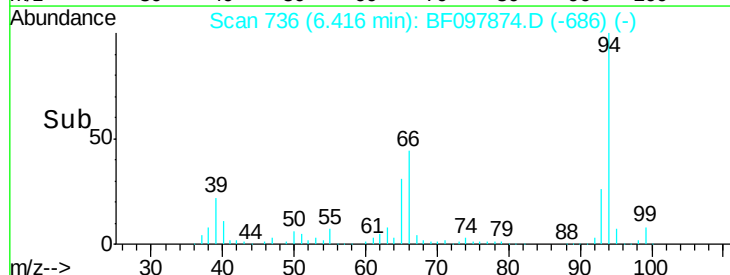
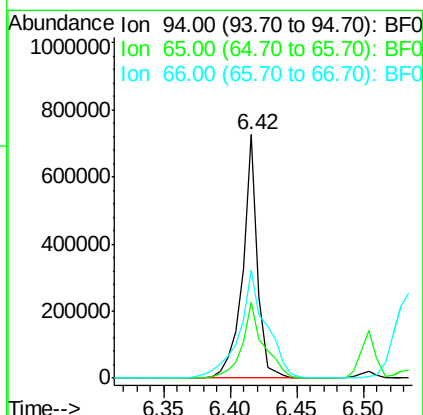
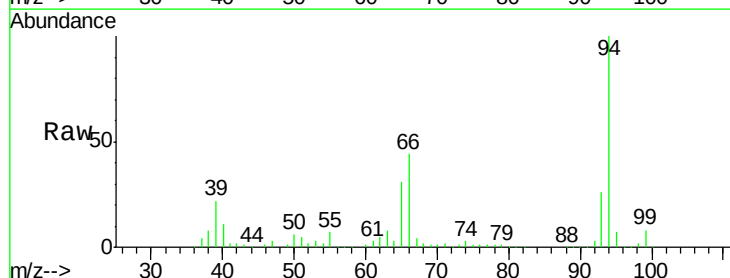
Tgt Ion: 94 Resp: 562777

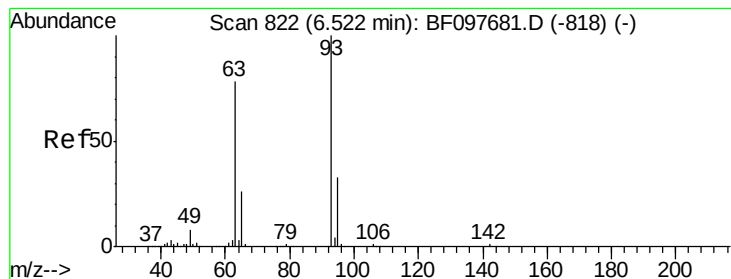
Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

66 44.4 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.96 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

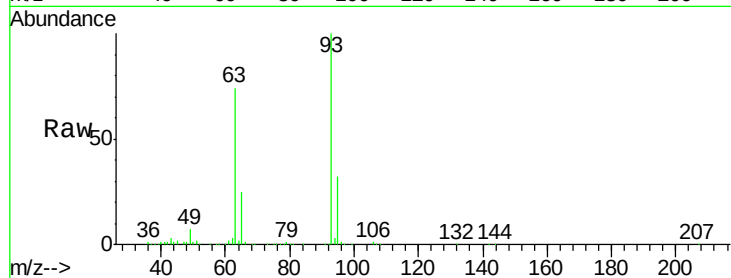
Tot Ion: 93 Resp: 439307

Ion Ratio Lower Upper

93 100

63 73.7 59.2 99.2

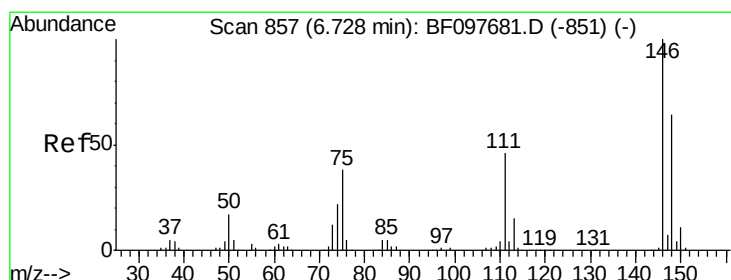
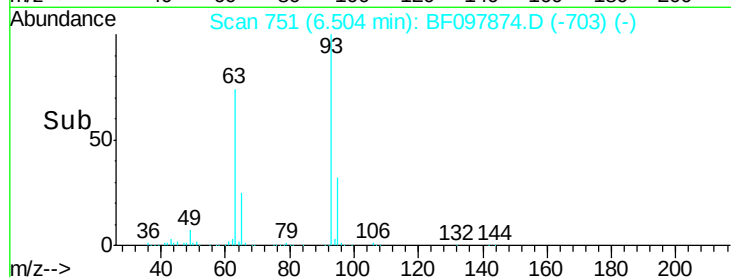
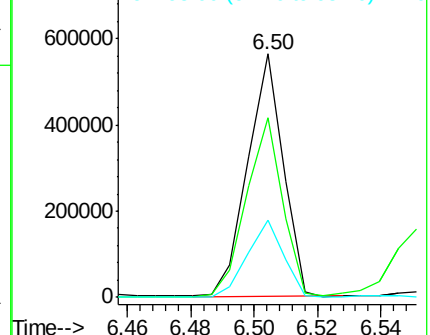
95 32.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.38 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

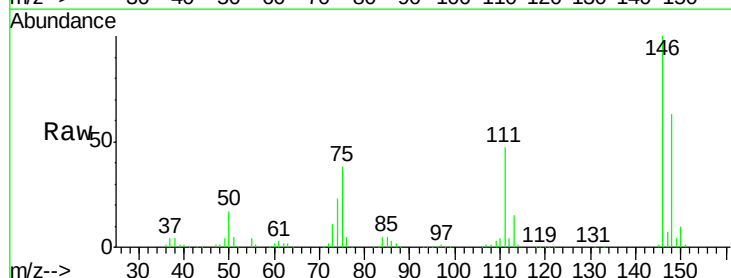
Tgt Ion: 146 Resp: 389985

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

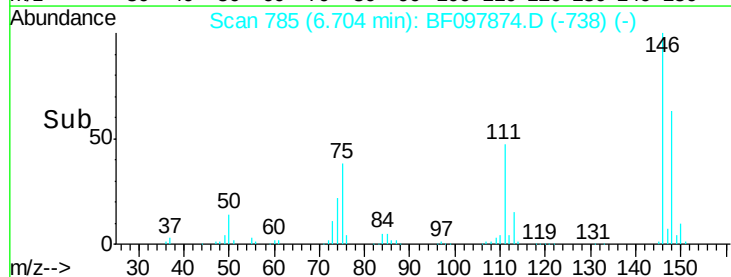
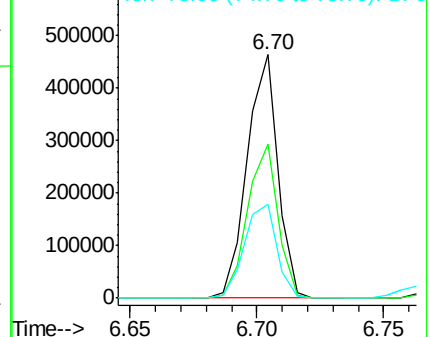
75 38.4 23.1 34.7#

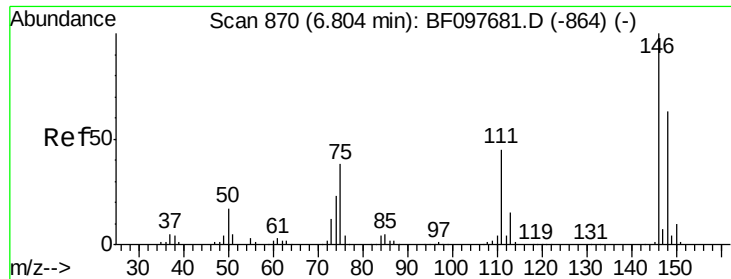


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

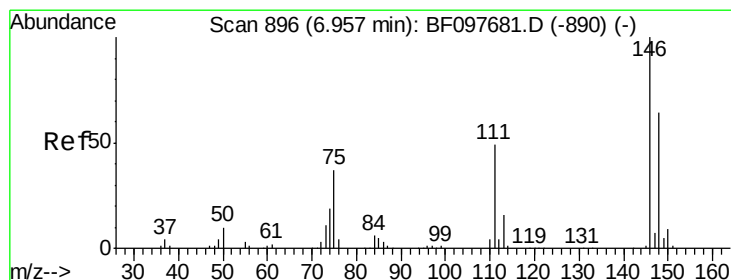
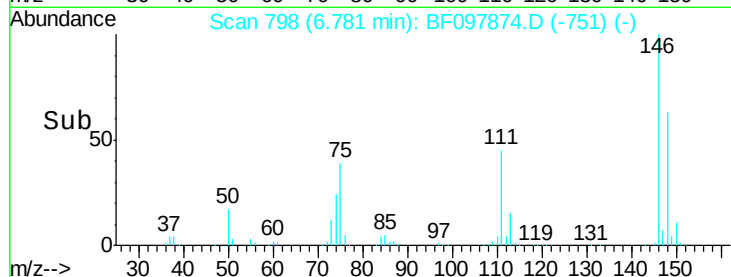
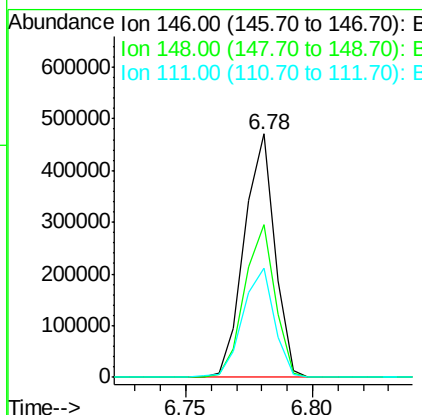
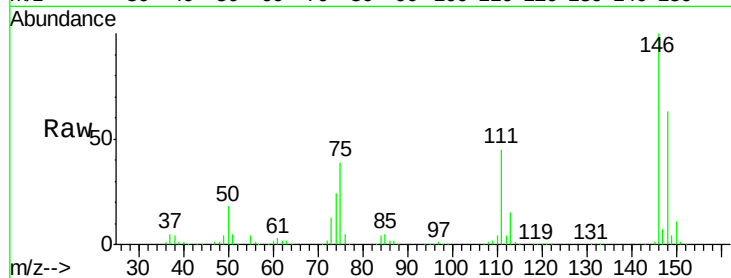




#13
 1,4-Dichlorobenzene
 Concen: 39.15 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

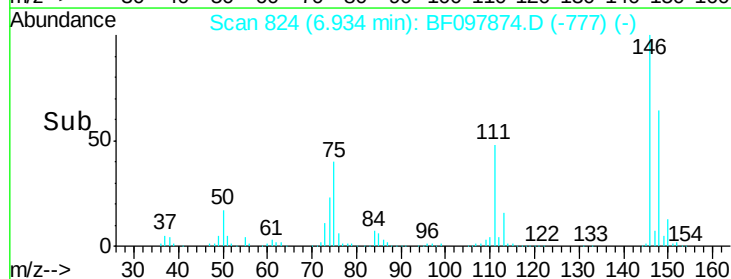
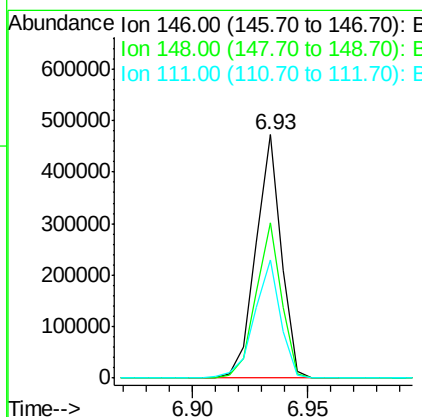
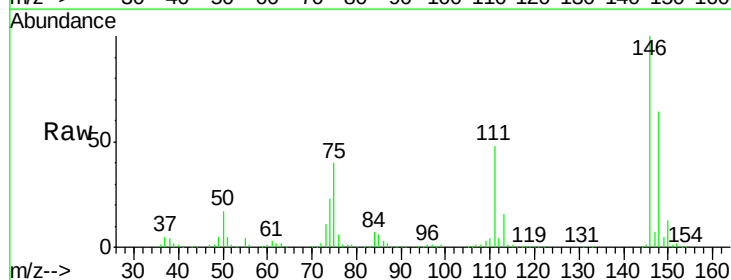
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

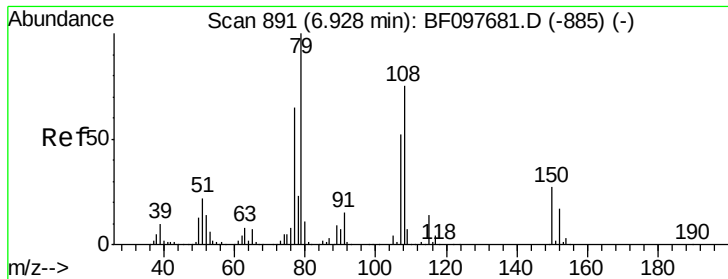
Tot Ion:146 Resp: 394320
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.2
 111 45.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.19 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:146 Resp: 363911
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 48.3 38.2 57.4

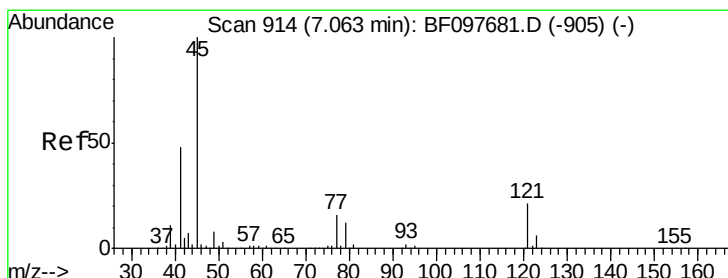
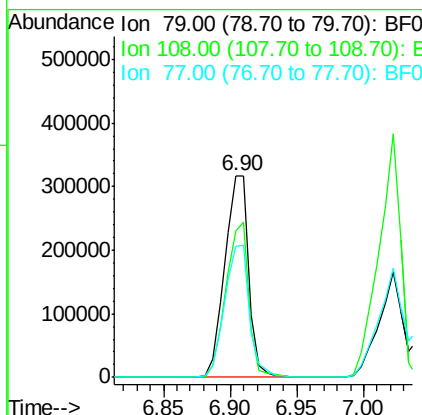
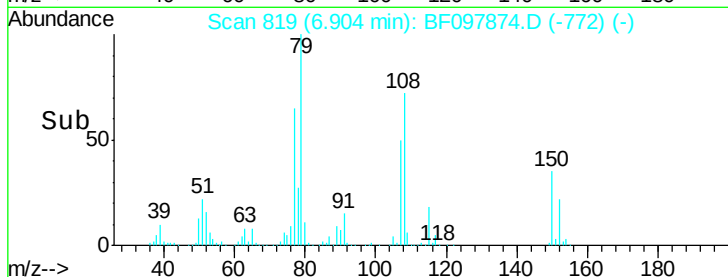
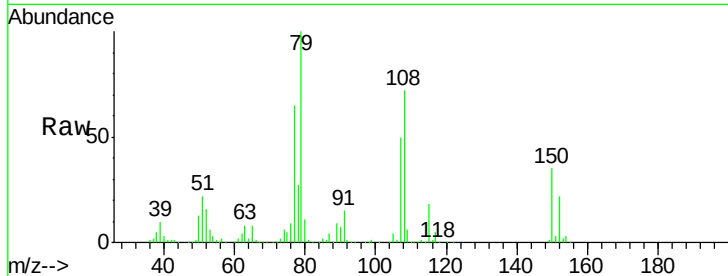




#15
Benzyl Alcohol
Concen: 45.55 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

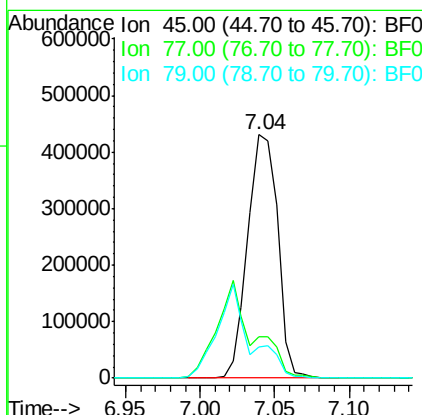
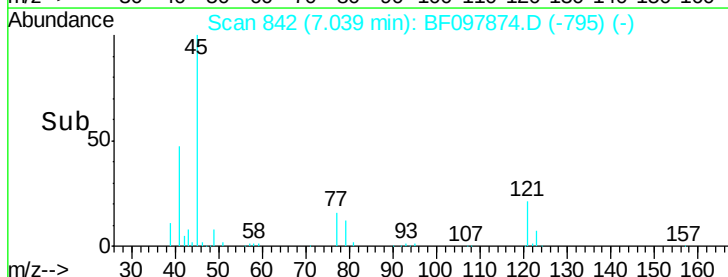
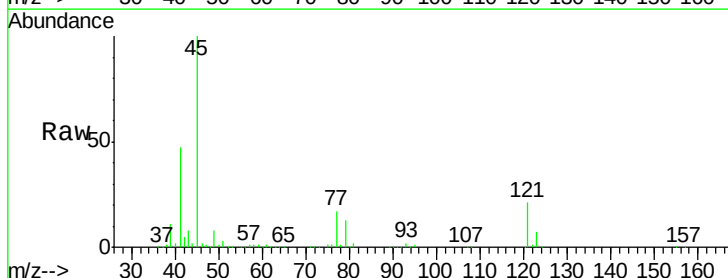
Instrument :
BNA_F
ClientSampleId :
PB101621BS

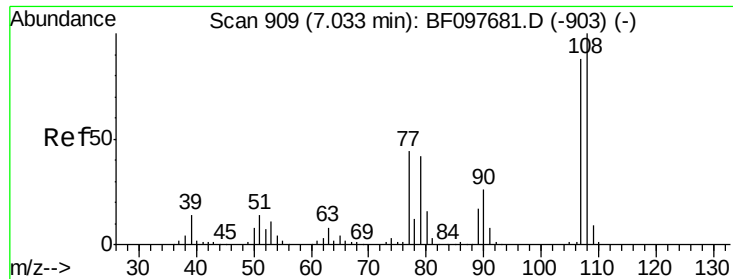
Tot Ion: 79 Resp: 404522
Ion Ratio Lower Upper
79 100
108 72.4 63.4 95.0
77 65.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.40 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion: 45 Resp: 597234
Ion Ratio Lower Upper
45 100
77 17.2 0.0 33.2
79 12.8 0.0 30.0

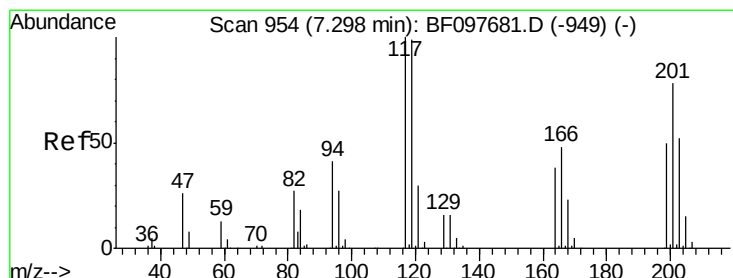
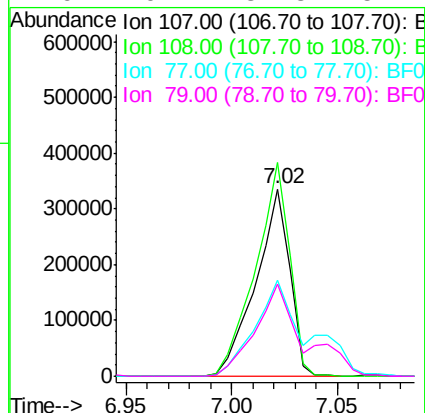
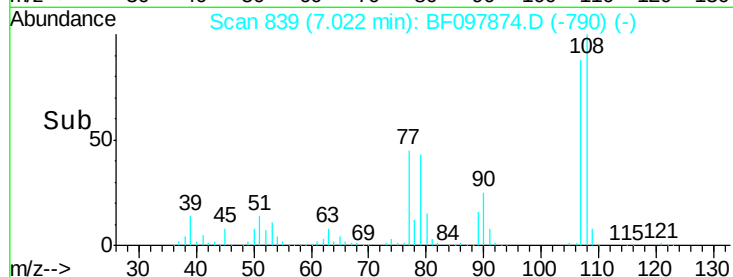
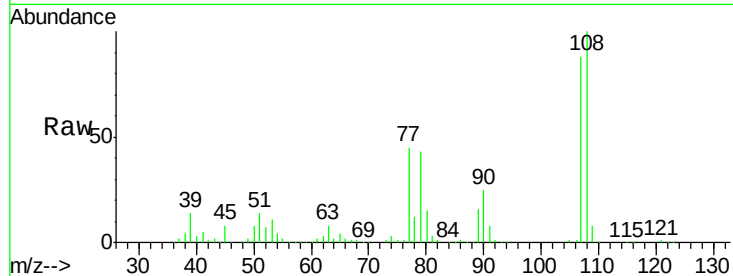




#17
2-Methylphenol
Concen: 46.11 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

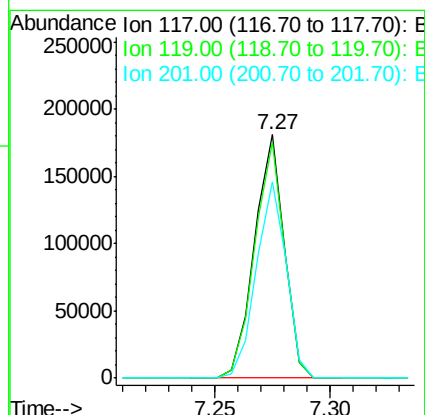
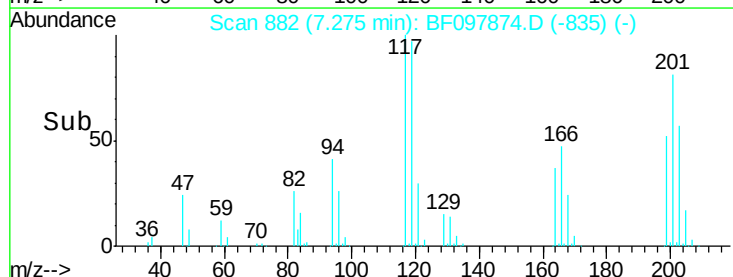
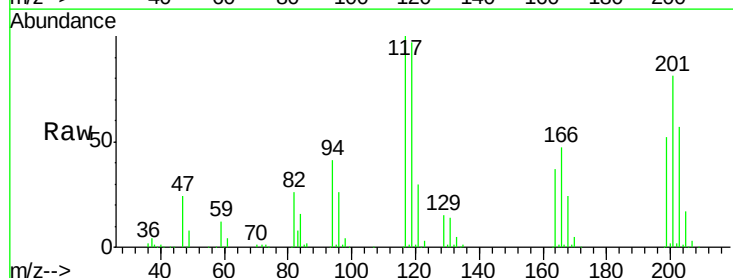
Instrument :
BNA_F
ClientSampleId :
PB101621BS

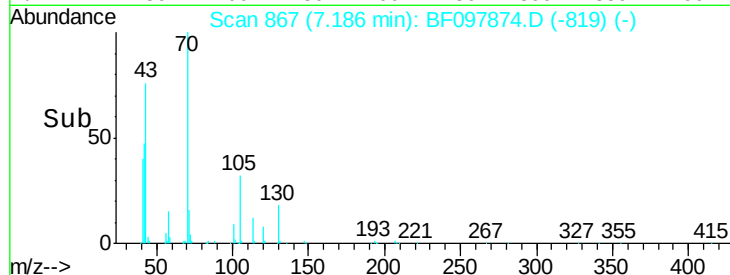
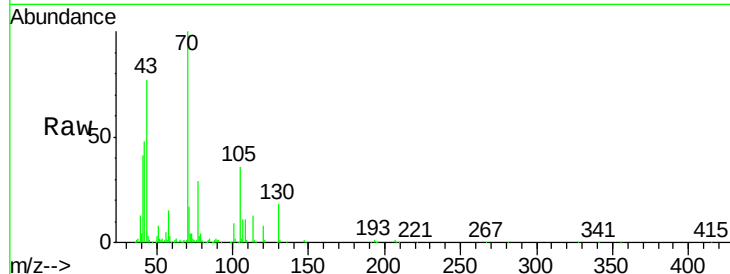
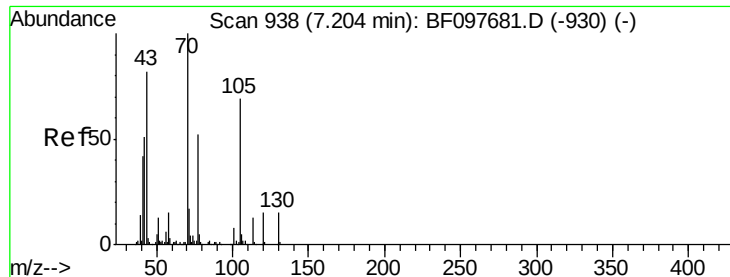
Tot Ion:	107	Resp:	374094
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.4	140.0
77	51.3	35.8	53.6
79	49.4	34.8	52.2



#18
Hexachloroethane
Concen: 41.51 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:	117	Resp:	163909
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	80.5	94.6	141.8#

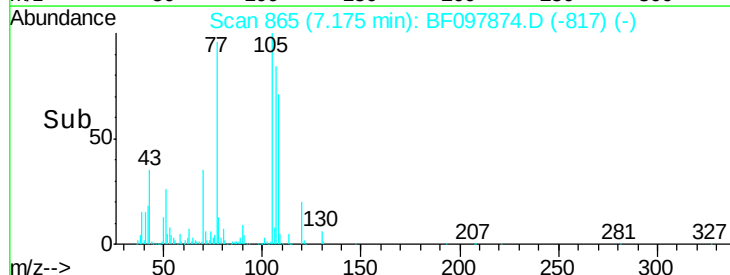
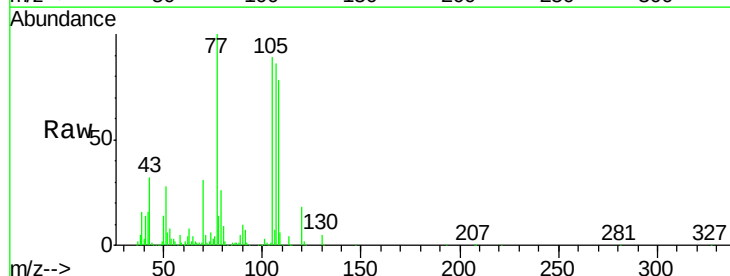
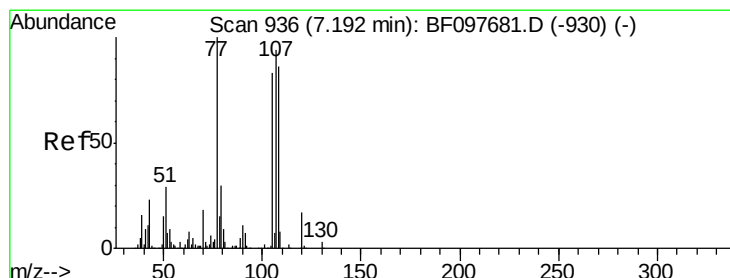
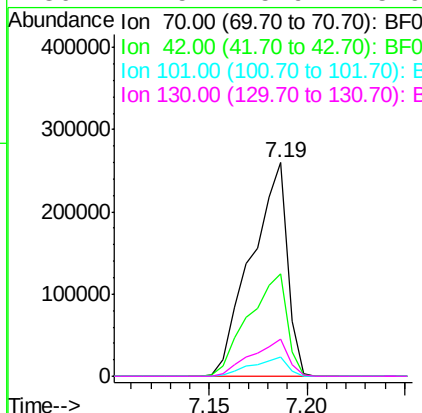




#19
n-Nitroso-di-n-propylamine
Concen: 41.26 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

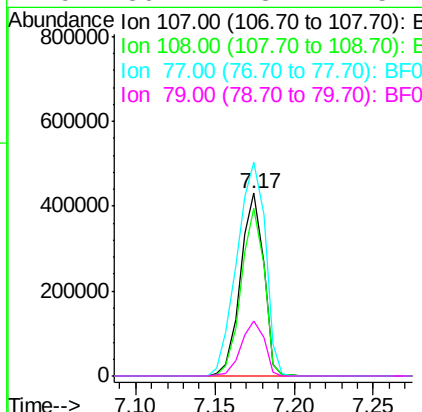
Instrument :
BNA_F
ClientSampleId :
PB101621BS

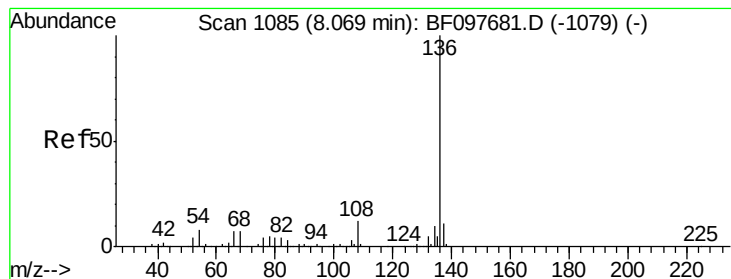
Tot Ion:	70	Resp:	335037
Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.2	70.8
101	9.3	7.2	10.8
130	17.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.00 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:	107	Resp:	435960
Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.0	111.0
77	116.9	90.5	130.5
79	30.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

Tot Ion:136 Resp: 557852

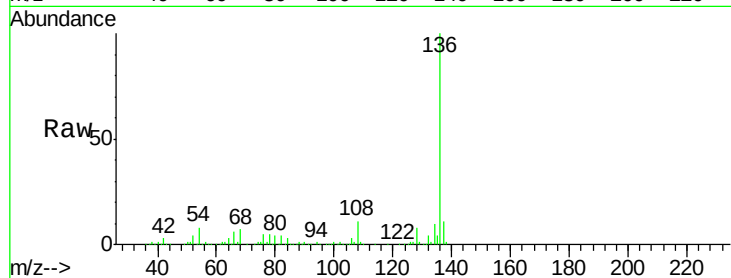
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 6.9 4.1 6.1#

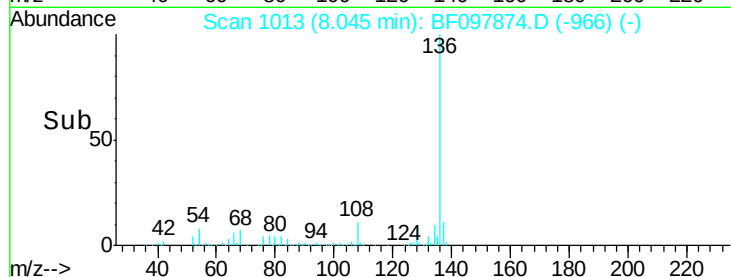


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

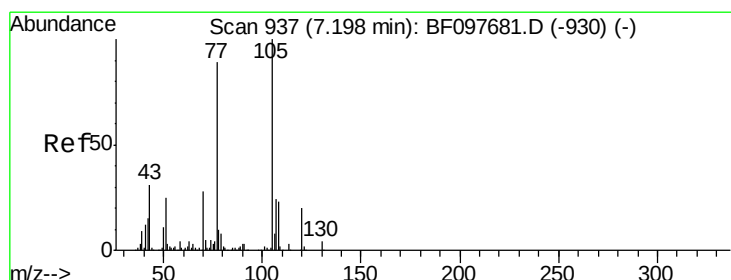
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.05



#22

Acetophenone

Concen: 39.70 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Tgt Ion:105 Resp: 585110

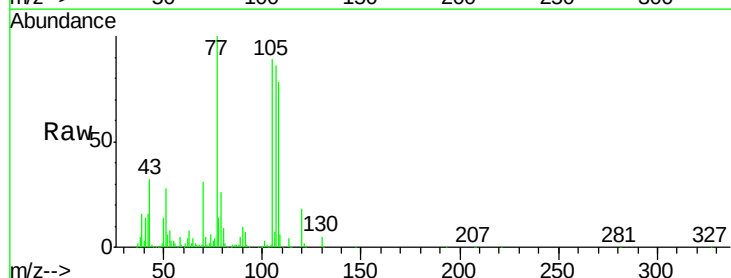
Ion Ratio Lower Upper

105 100

71 6.1 2.8 4.2#

51 31.8 30.7 46.1

120 20.3 17.4 26.0

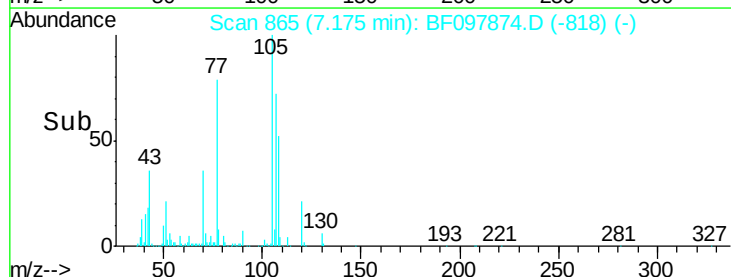


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

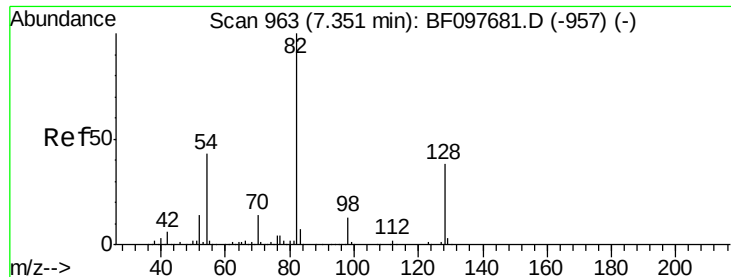
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

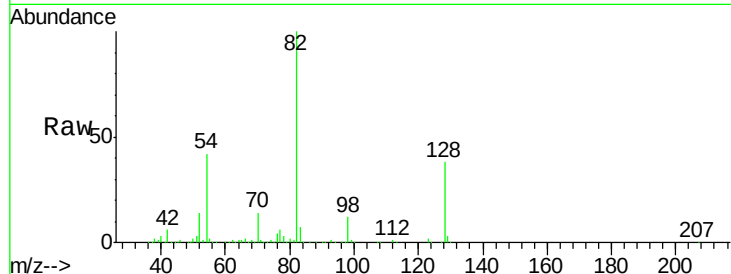
7.17



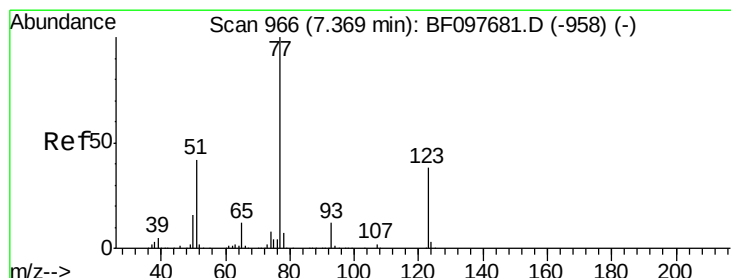
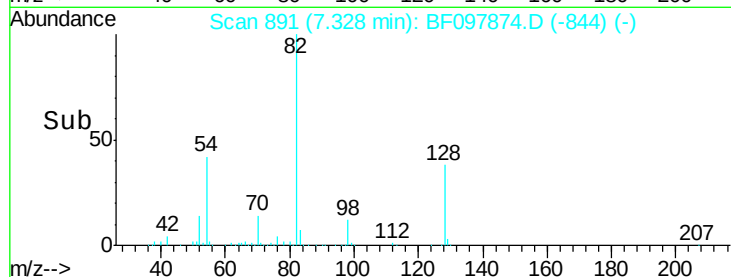
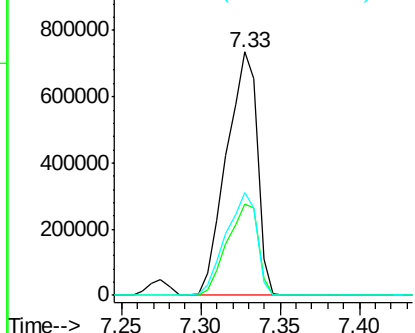
#23
 Nitrobenzene-d5
 Concen: 96.36 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	82	Resp	989484
Ion Ratio	Lower	Upper	
82	100		
128	37.5	34.0	51.0
54	42.3	42.2	63.2

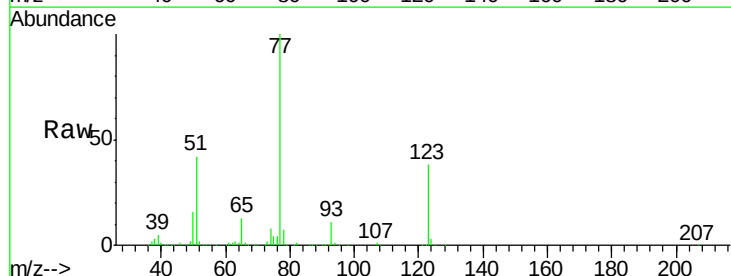


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

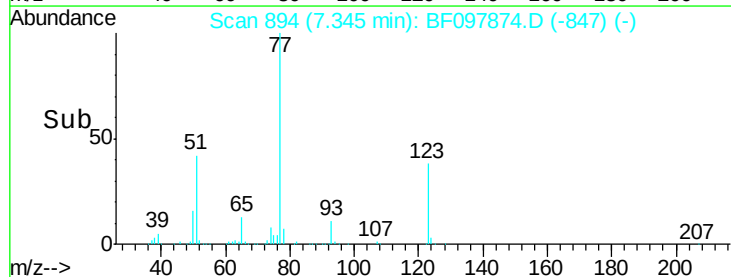
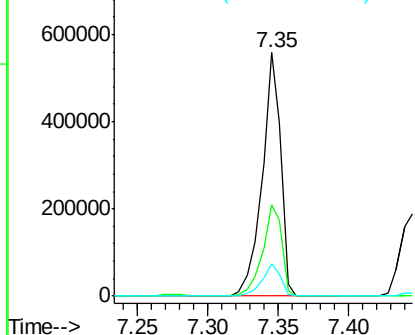


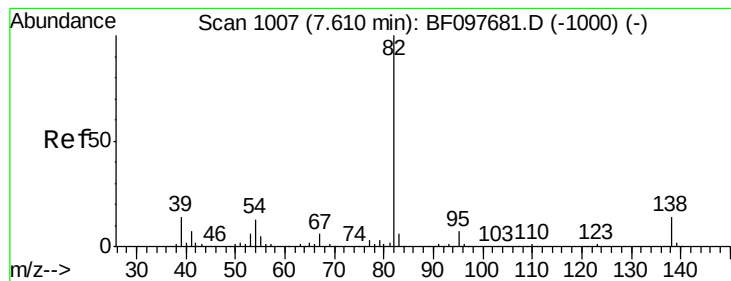
#24
 Nitrobenzene
 Concen: 45.55 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	77	Resp	520846
Ion Ratio	Lower	Upper	
77	100		
123	37.7	35.8	53.8
65	13.1	10.6	15.8



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





#25

Isophorone

Concen: 46.45 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

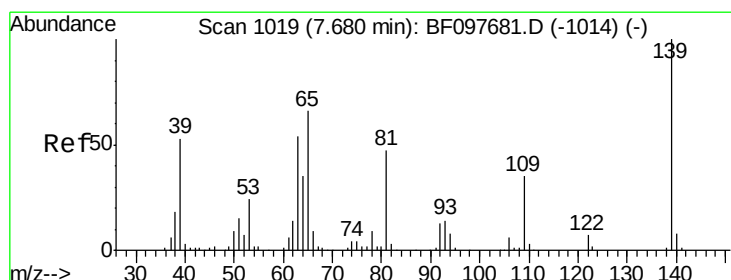
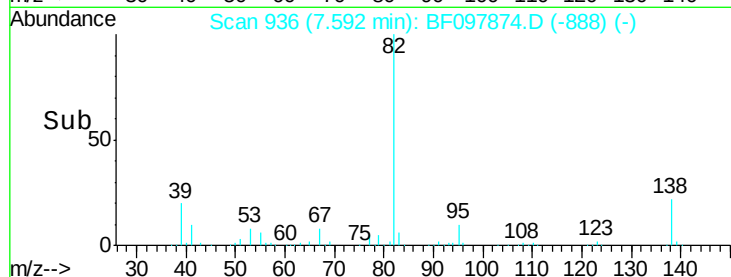
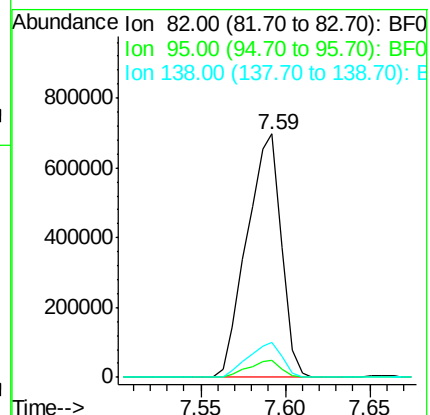
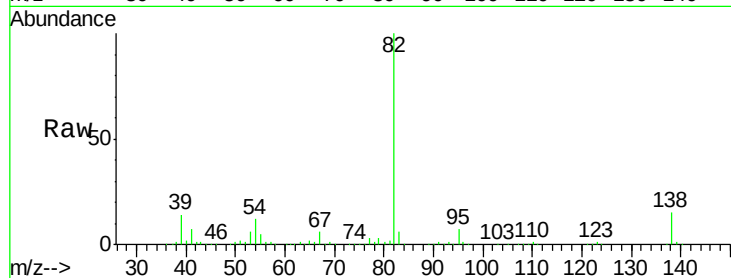
Tot Ion: 82 Resp: 991853

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 14.6 13.1 19.7



#26

2-Nitrophenol

Concen: 50.67 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

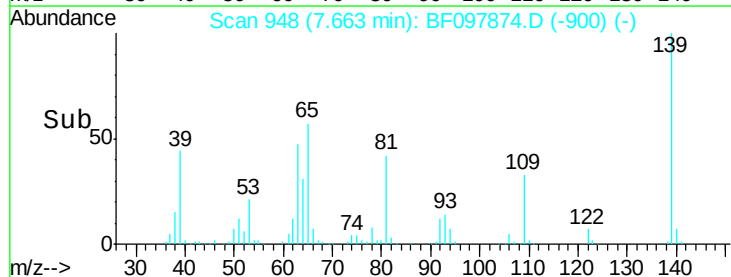
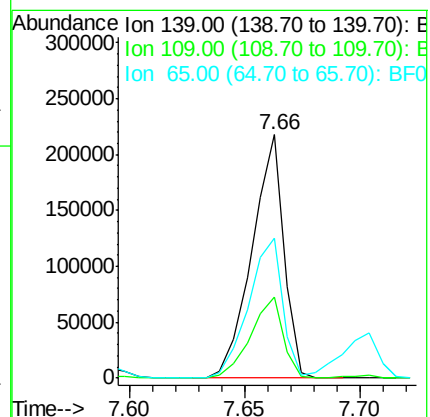
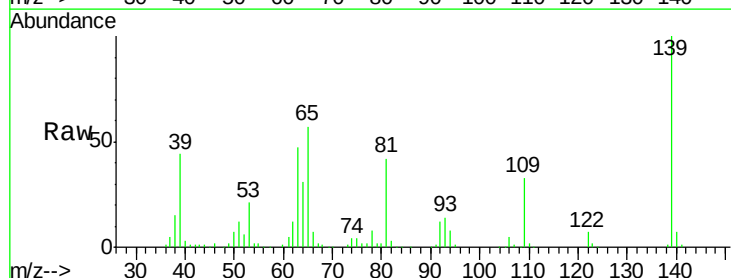
Tgt Ion: 139 Resp: 211245

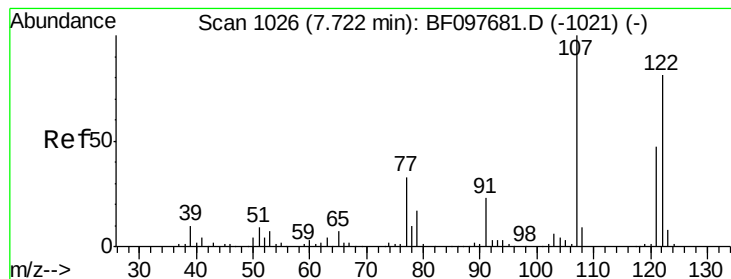
Ion Ratio Lower Upper

139 100

109 33.4 21.0 31.6#

65 57.4 33.0 49.6#

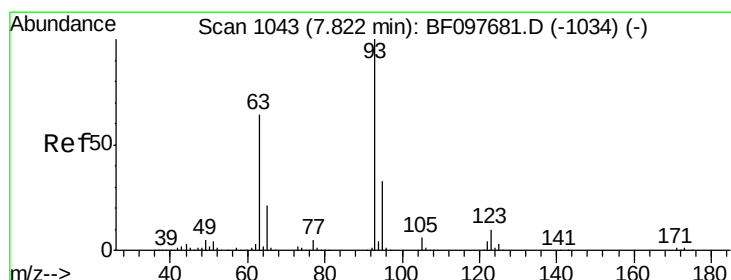
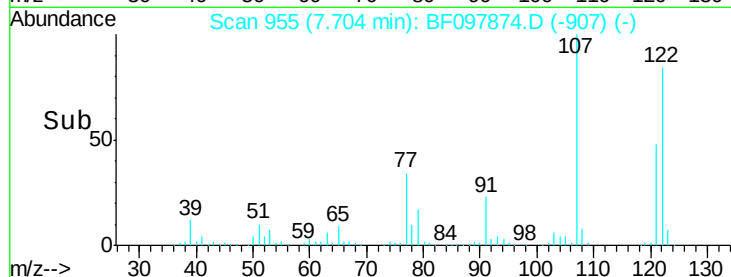
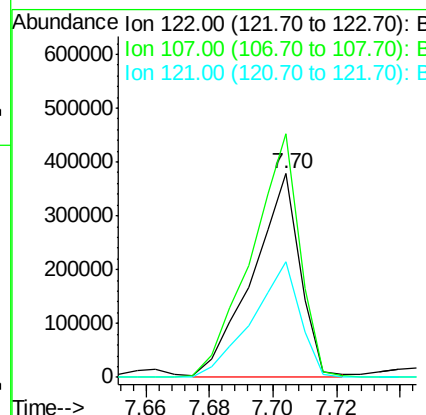
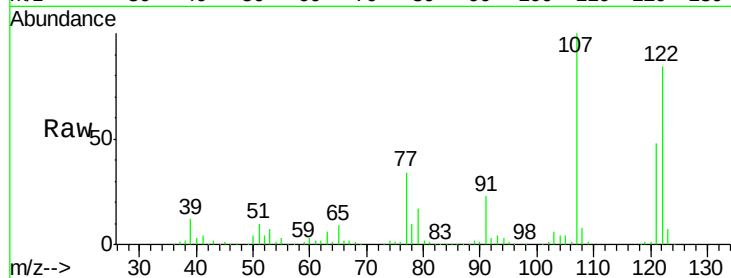




#27
 2,4-Dimethylphenol
 Concen: 44.04 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

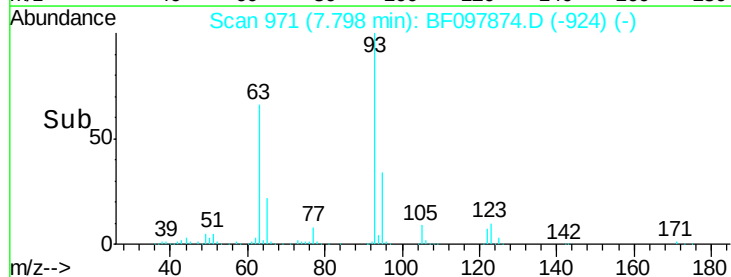
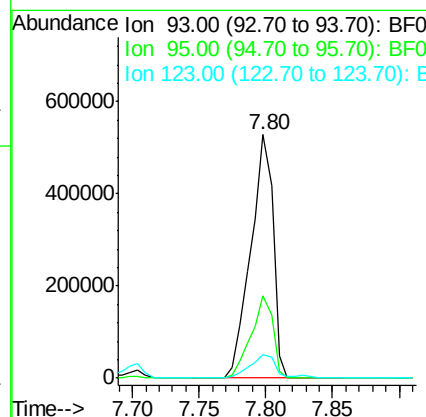
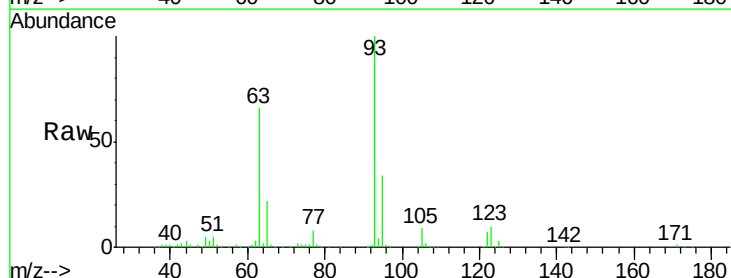
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

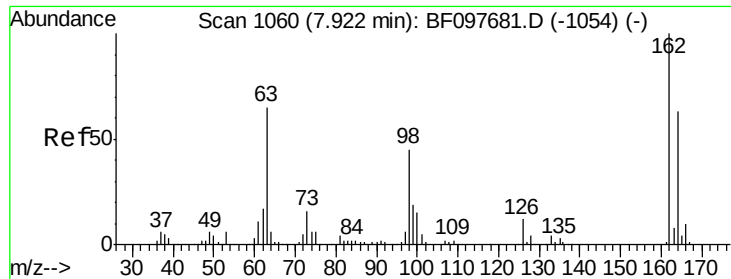
Tot Ion:	122	Resp:	392161
Ion	Ratio	Lower	Upper
122	100		
107	119.5	89.2	133.8
121	56.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.20 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:	93	Resp:	606510
Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.5	39.7
123	9.8	9.0	13.4

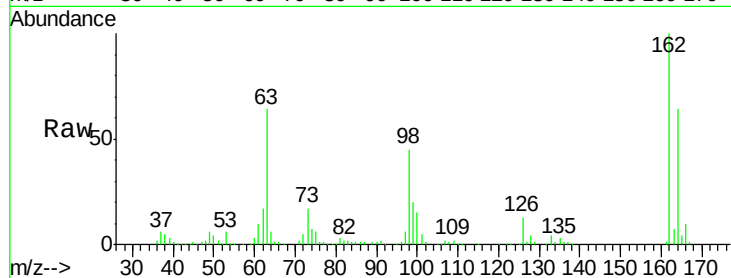




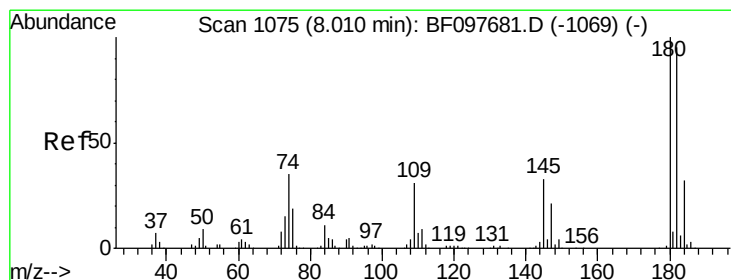
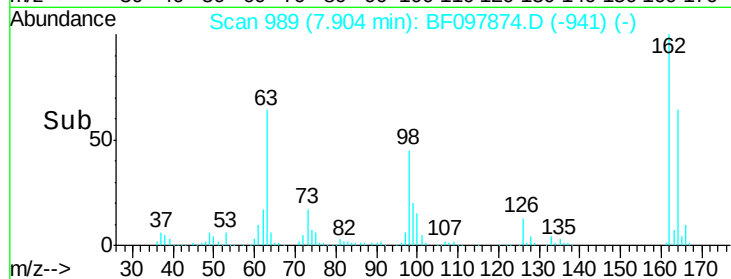
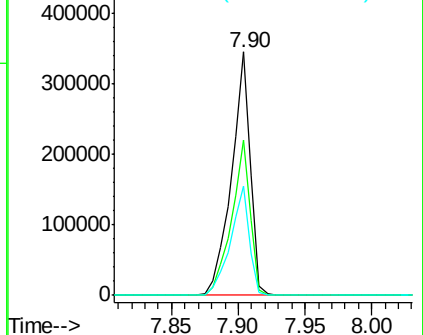
#29
 2,4-Dichlorophenol
 Concen: 46.72 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	45.0	14.8	54.8

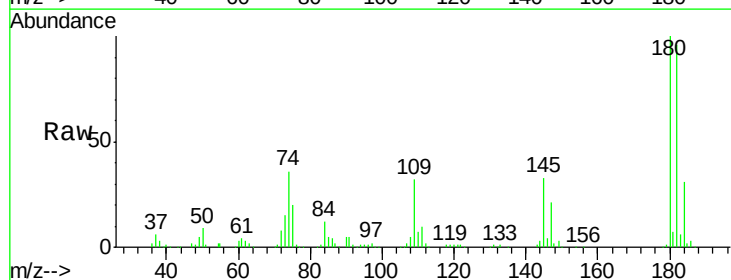


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

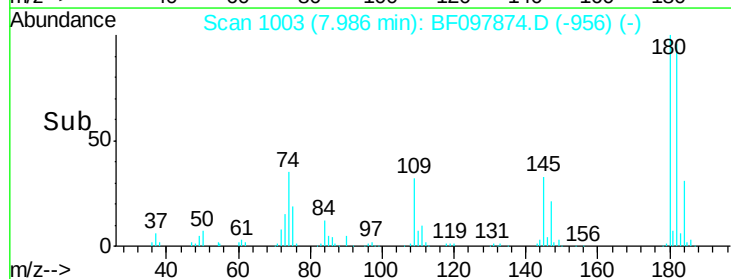
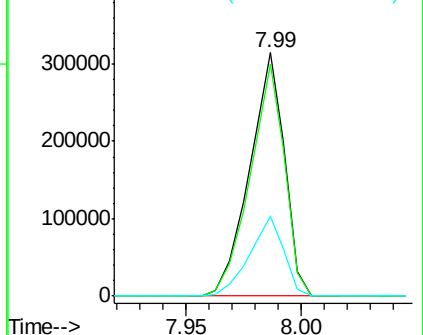


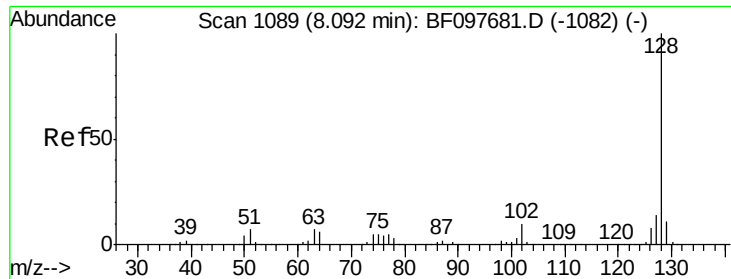
#30
 1,2,4-Trichlorobenzene
 Concen: 40.26 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	32.6	25.3	37.9



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

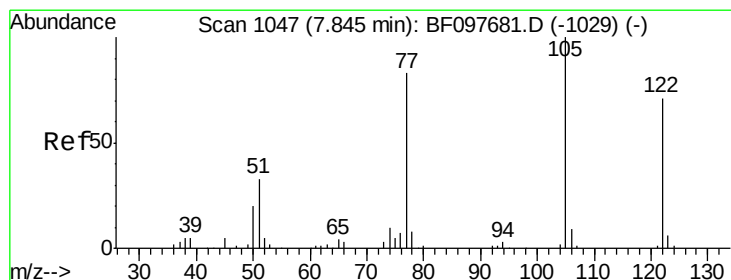
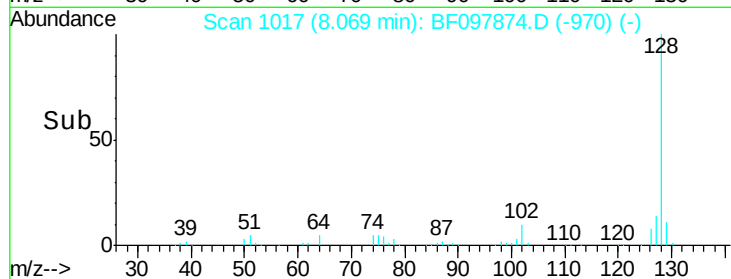
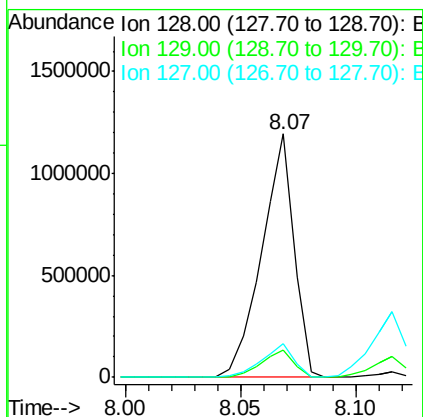
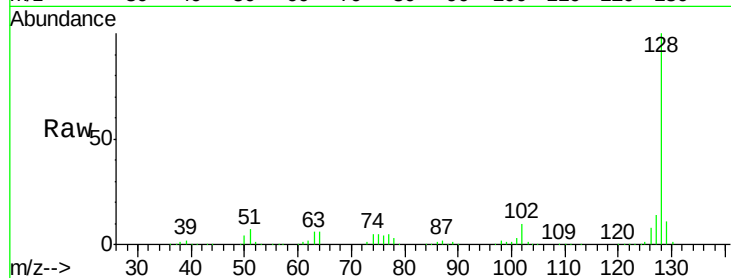




#31
Naphthalene
Concen: 40.10 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

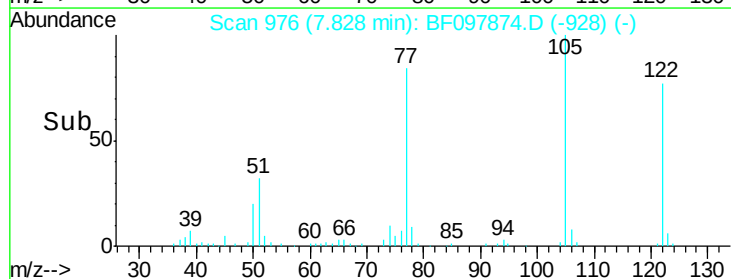
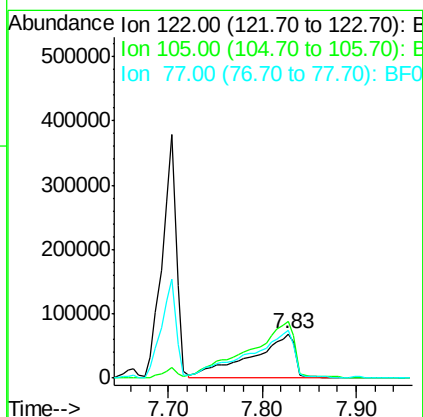
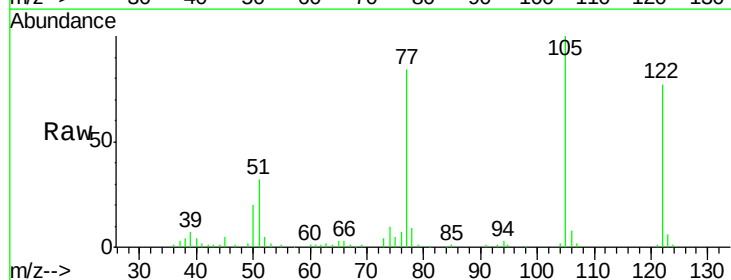
Instrument :
BNA_F
ClientSampleId :
PB101621BS

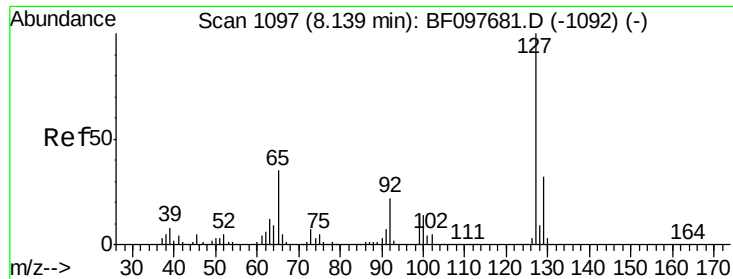
Tot Ion:128 Resp: 1161442
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 35.73 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:122 Resp: 219605
Ion Ratio Lower Upper
122 100
105 129.6 103.3 143.3
77 109.1 73.7 113.7

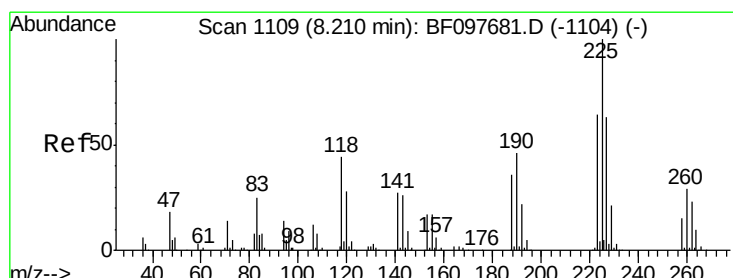
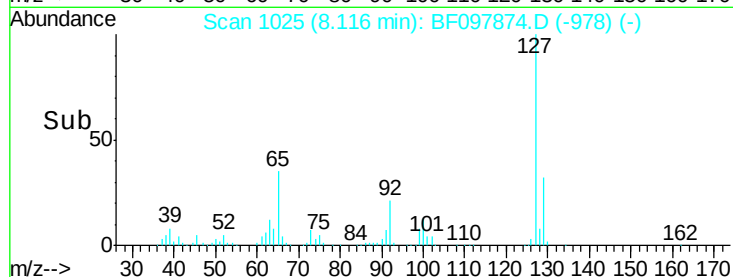
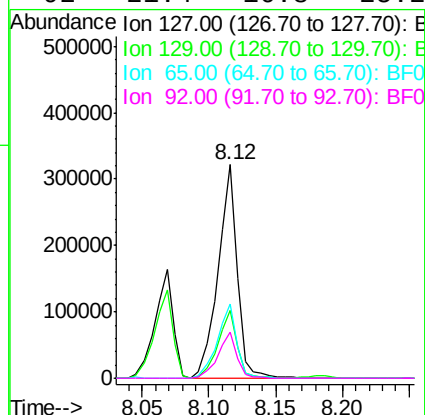
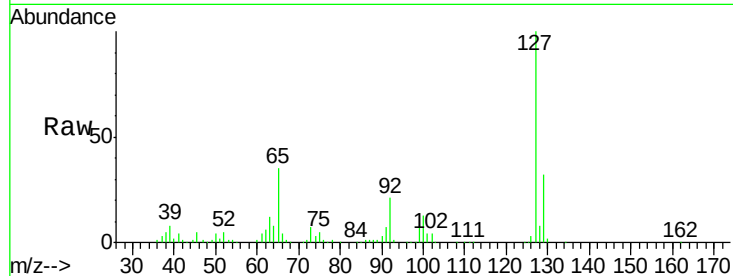




#33
4-Chloroaniline
Concen: 26.65 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

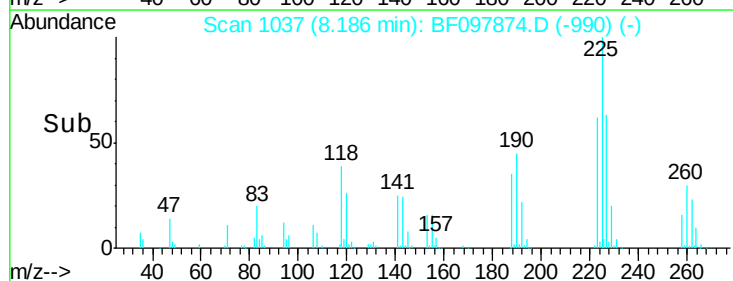
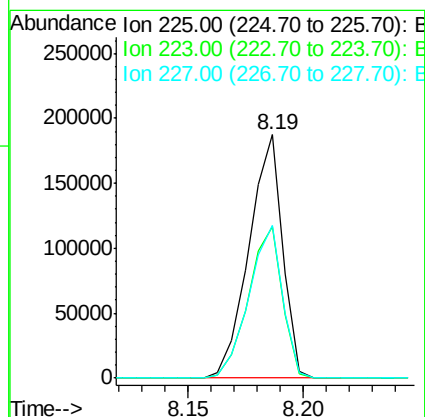
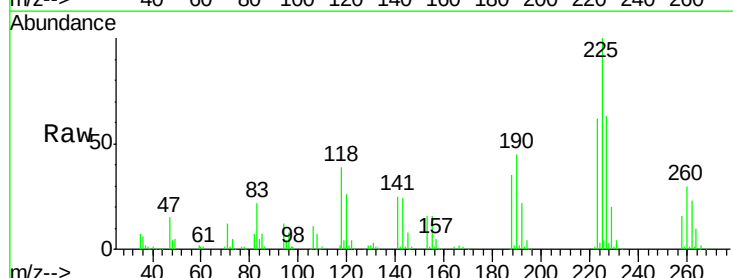
Instrument :
BNA_F
ClientSampleId :
PB101621BS

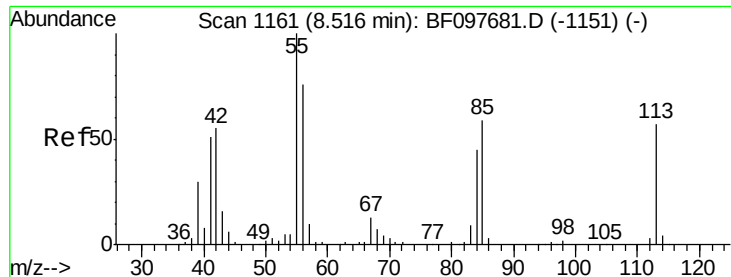
Tot Ion:	127	Resp:	325541
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	34.9	27.8	41.8
92	21.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.80 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:	225	Resp:	190424
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	62.9	51.1	76.7

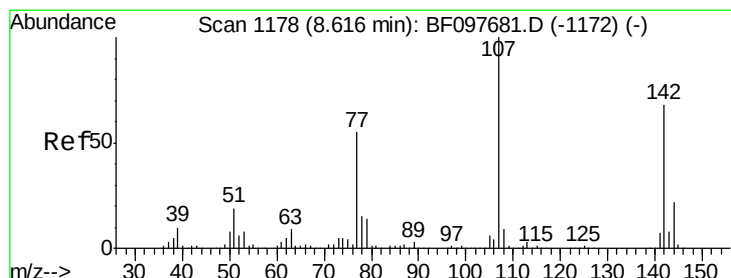
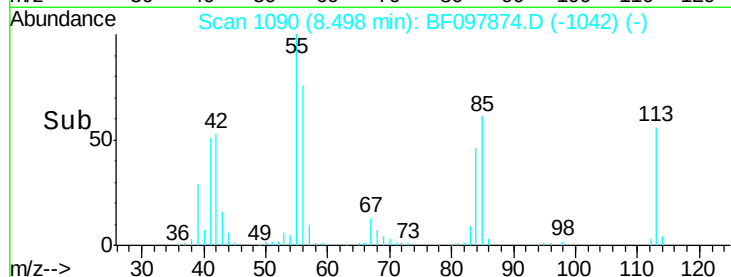
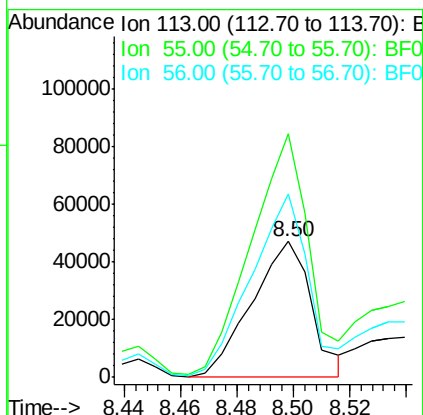
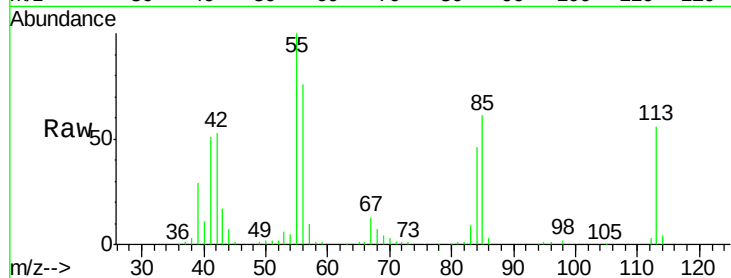




#35
 Caprolactam
 Concen: 27.45 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

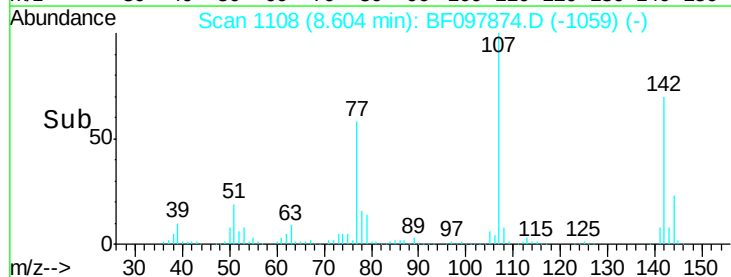
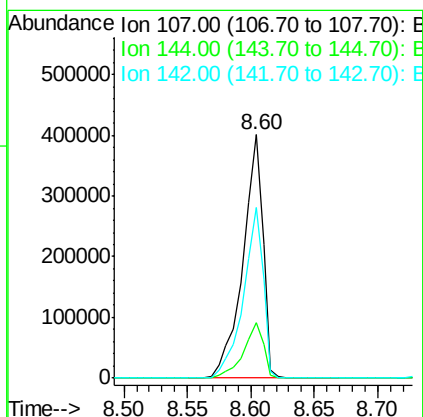
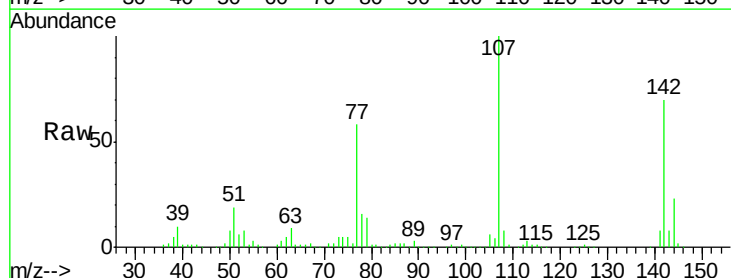
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

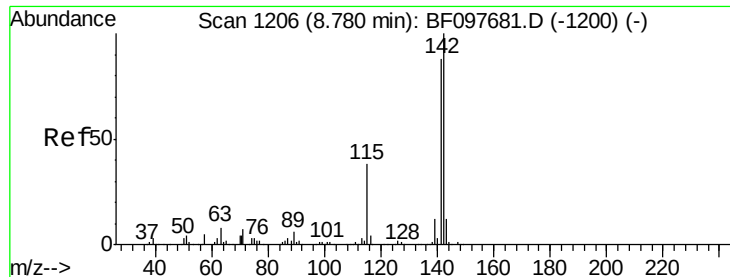
Tot Ion:113 Resp: 68977
 Ion Ratio Lower Upper
 113 100
 55 179.6 150.2 190.2
 56 135.7 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.15 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:107 Resp: 438321
 Ion Ratio Lower Upper
 107 100
 144 22.6 24.2 36.4#
 142 70.1 73.4 110.0#

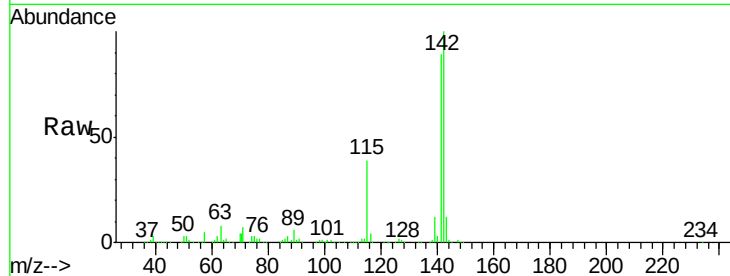




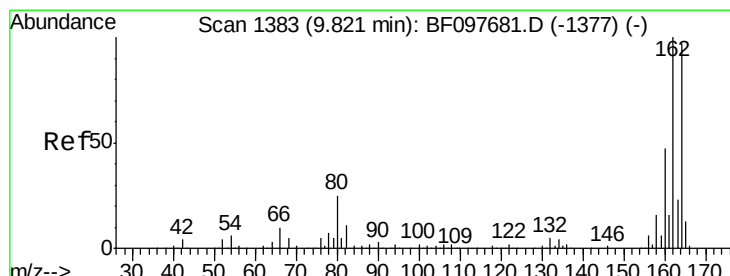
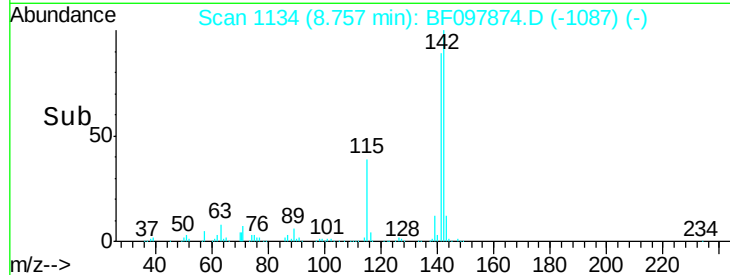
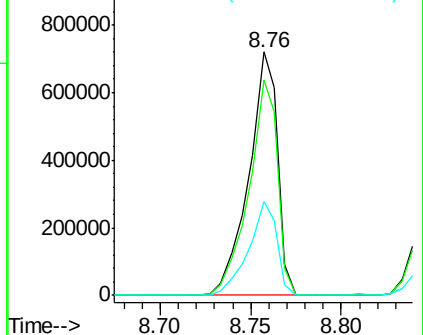
#37
 2-Methylnaphthalene
 Concen: 44.54 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	38.7	27.1	40.7

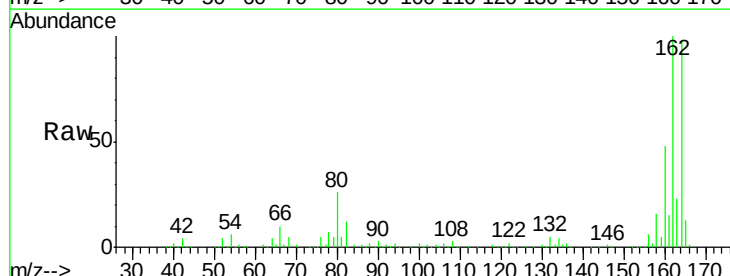


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

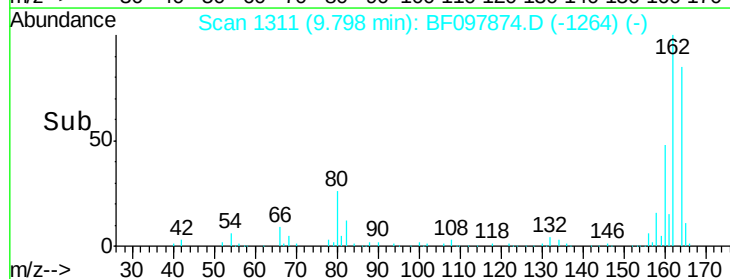
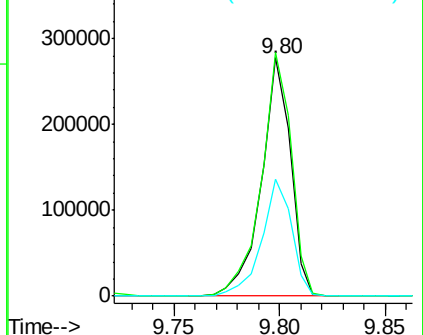


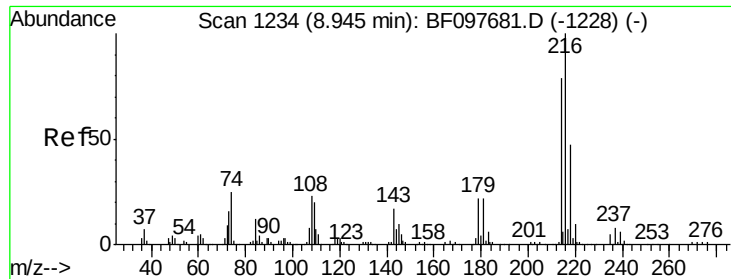
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	48.9	36.2	54.2



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

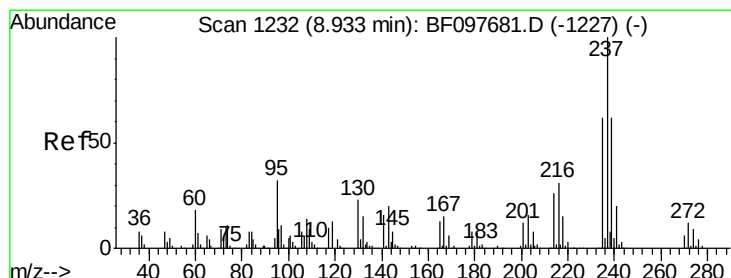
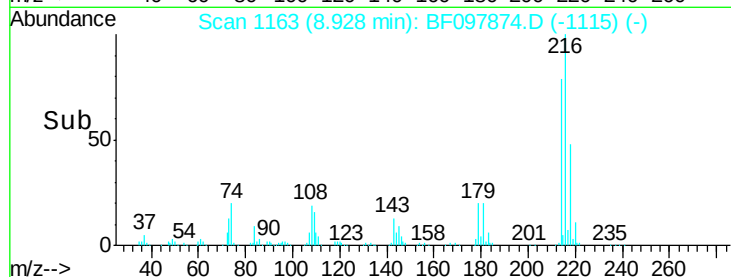
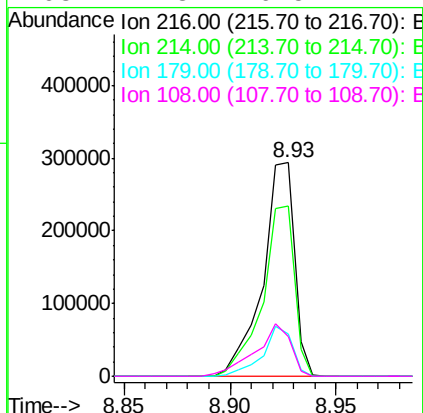
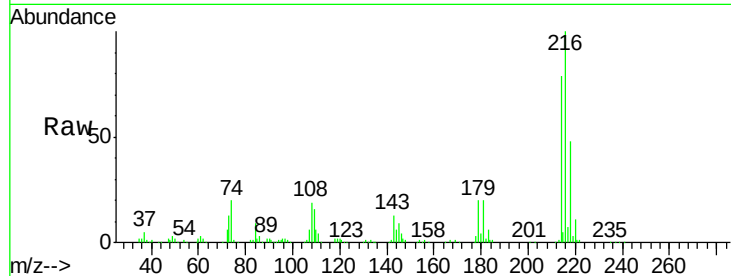




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.64 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

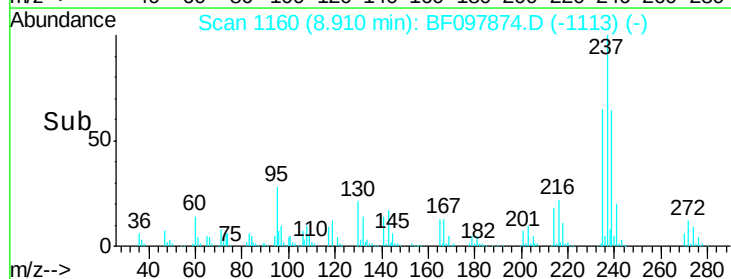
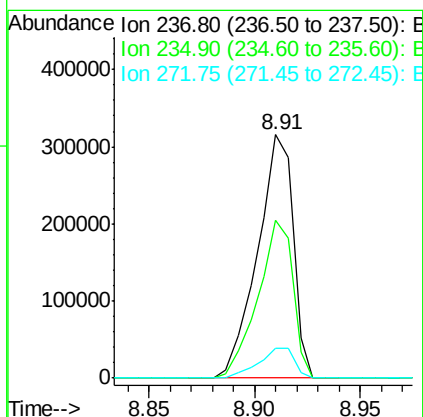
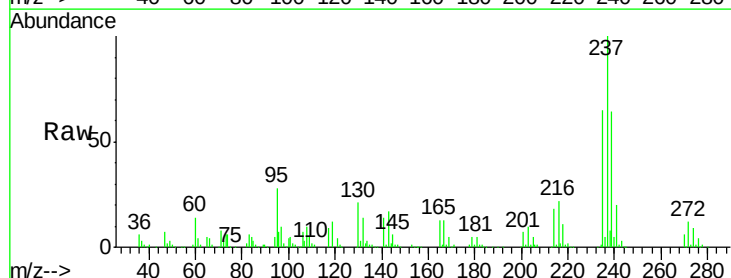
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

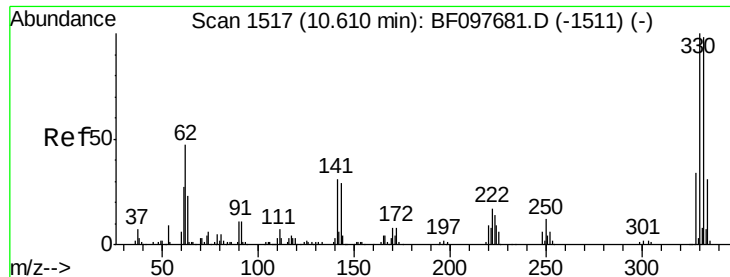
Tot Ion:216	Resp:	309983
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.4 95.2
179	21.8	17.9 26.9
108	27.3	16.5 24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 93.47 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:237	Resp:	369750
Ion Ratio	Lower	Upper
237	100	
235	64.8	42.6 82.6
272	12.2	0.0 31.9

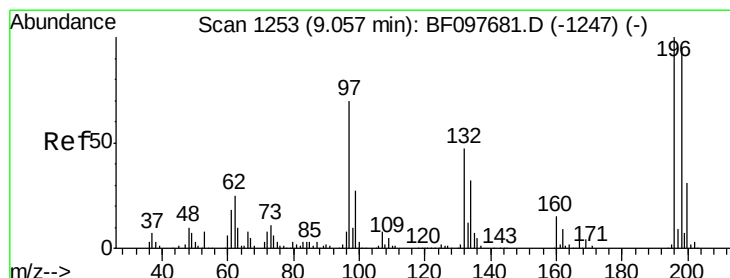
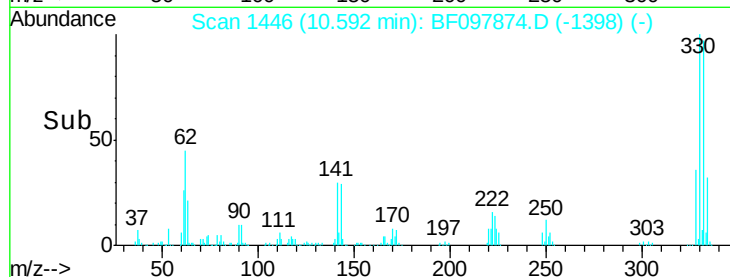
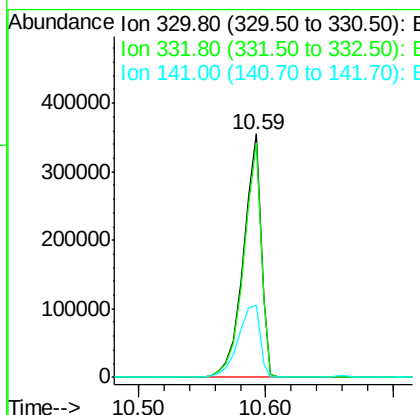
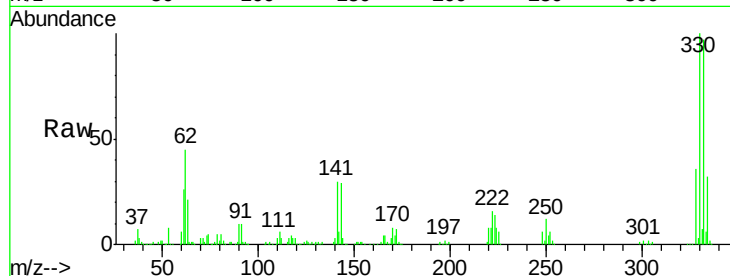




#41
 2,4,6-Tribromophenol
 Concen: 146.78 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

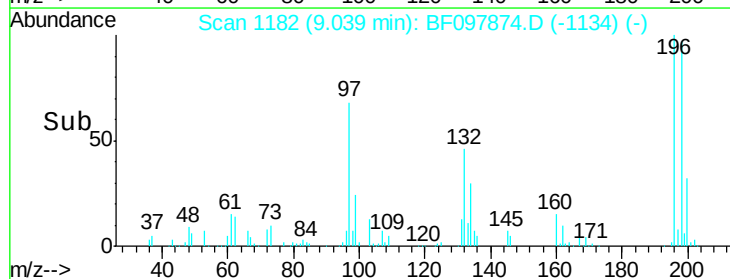
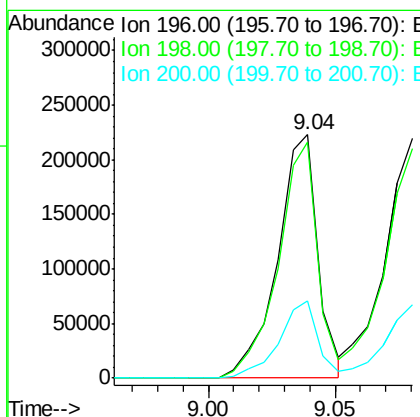
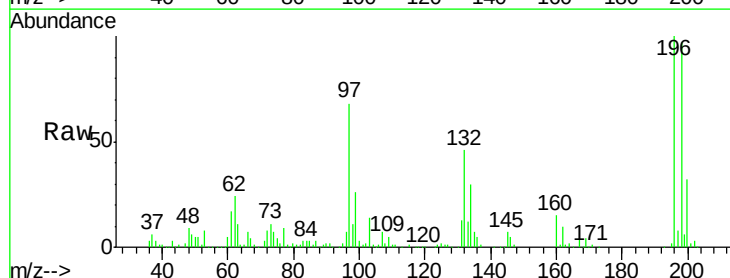
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

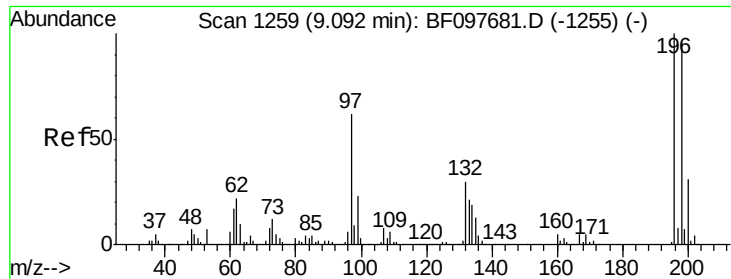
Tot Ion:330 Resp: 341732
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 36.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.92 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:196 Resp: 248353
 Ion Ratio Lower Upper
 196 100
 198 97.0 74.2 111.4
 200 31.7 24.0 36.0

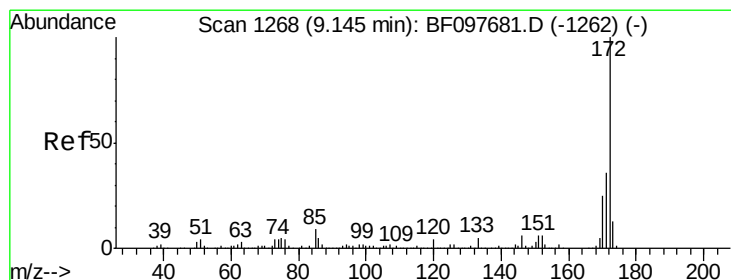
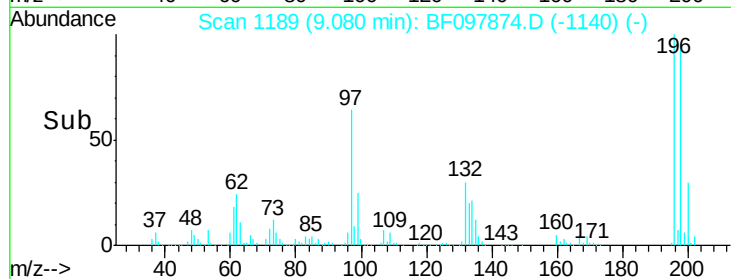
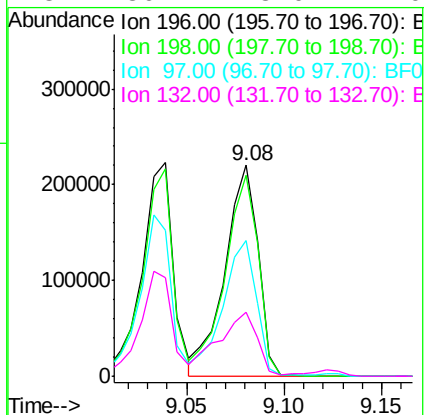
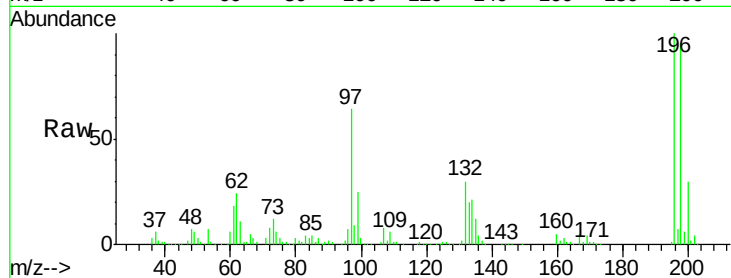




#43
 2,4,5-Trichlorophenol
 Concen: 47.50 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

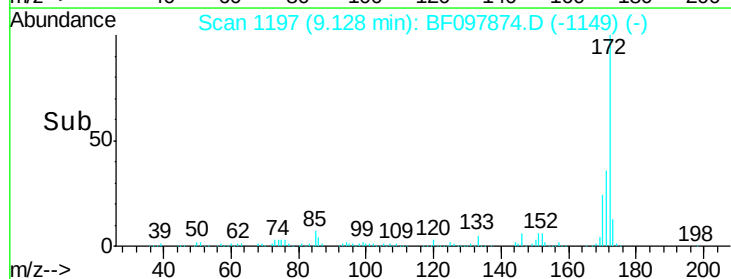
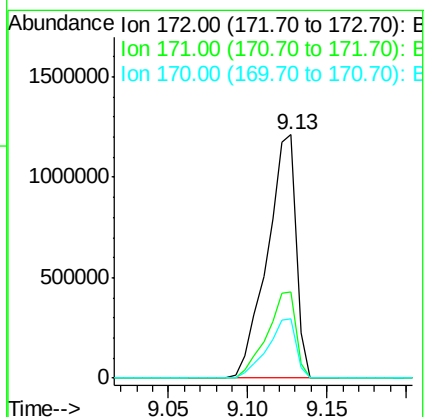
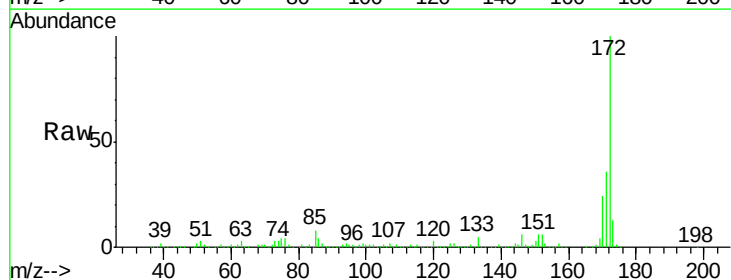
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

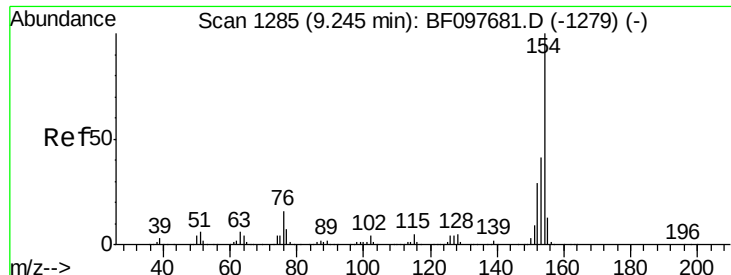
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	64.5	47.7	71.5
132	30.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 84.11 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.5	19.8	29.8

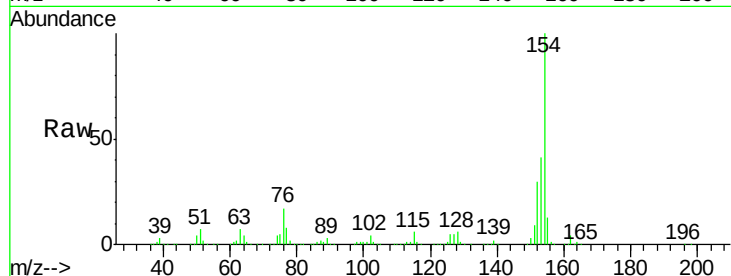




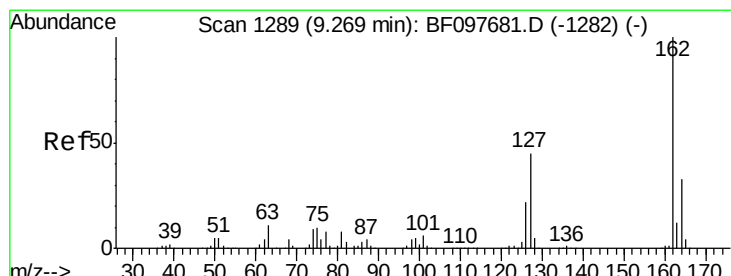
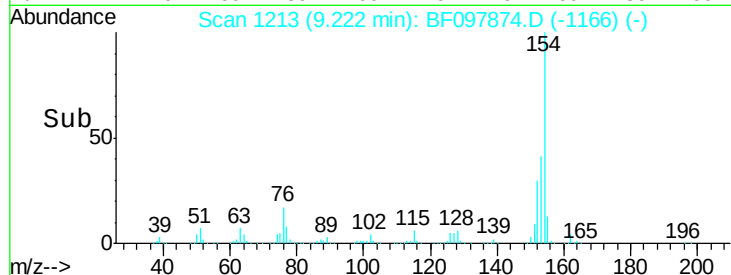
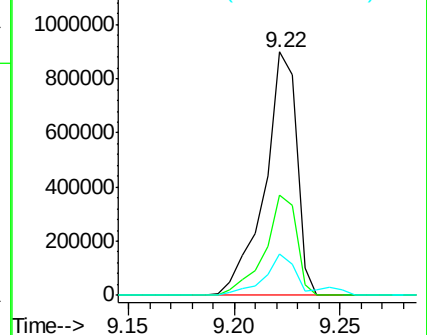
#45
 1,1'-Biphenyl
 Concen: 38.82 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	16.8	0.0	29.9

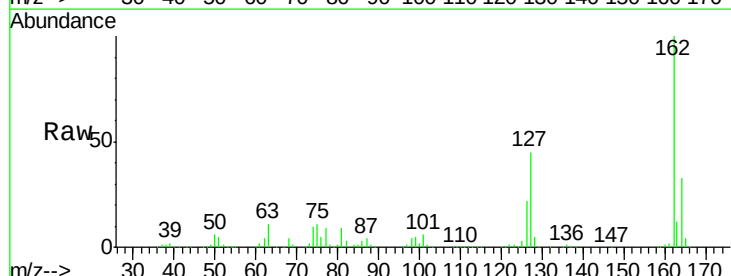


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

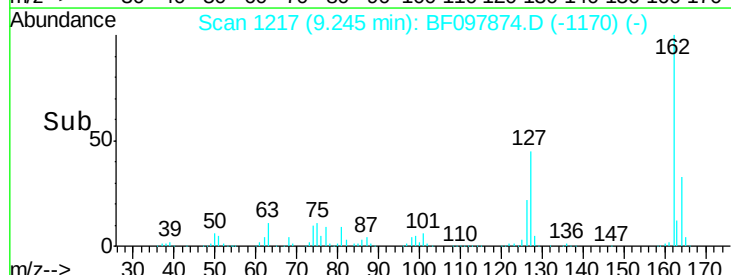
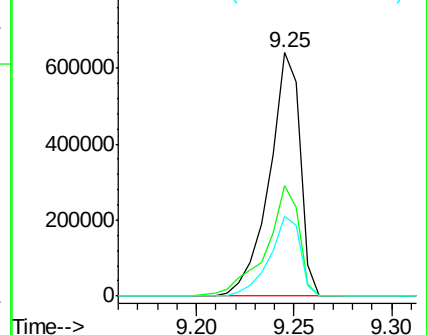


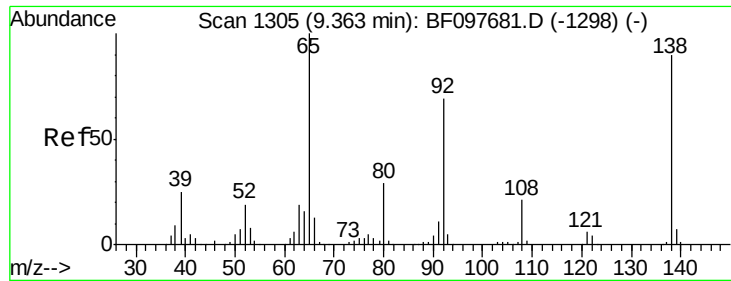
#46
 2-Chloronaphthalene
 Concen: 38.64 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.1	28.3	42.5#
164	33.0	27.0	40.4



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

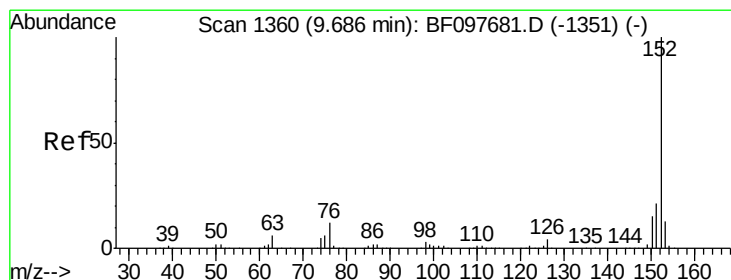
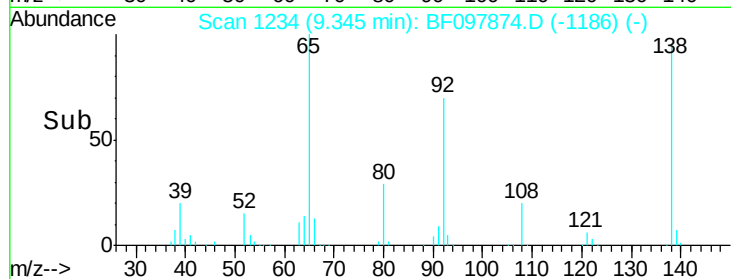
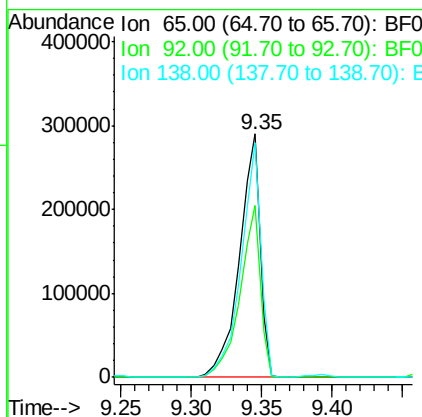
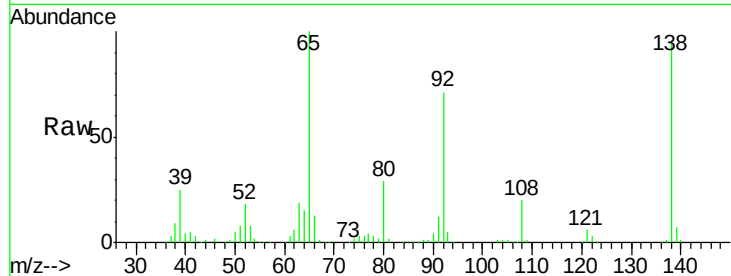




#47
 2-Nitroaniline
 Concen: 49.05 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

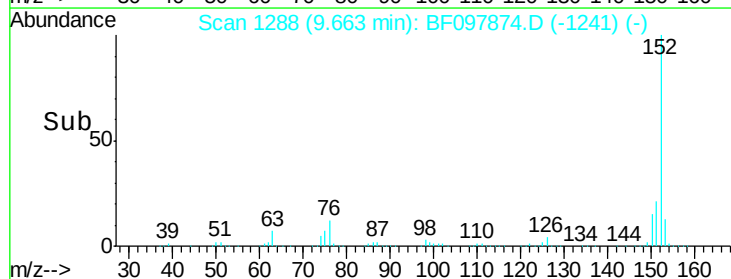
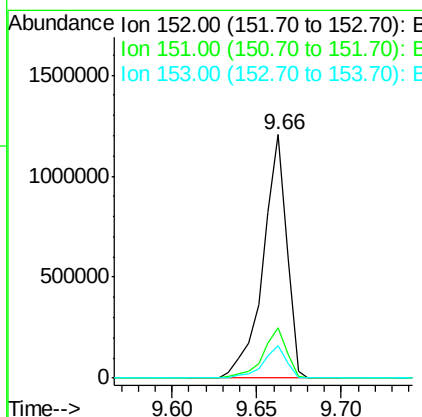
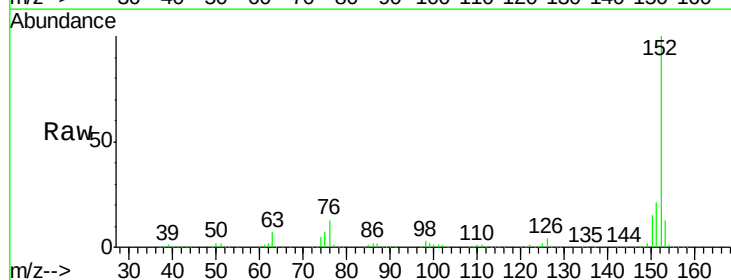
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

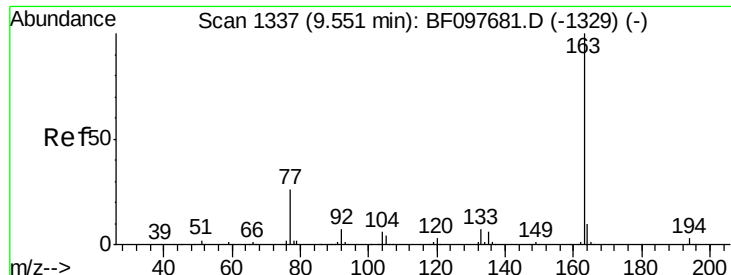
Tot Ion:	65	Resp:	297295
Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.9	80.9
138	96.5	78.8	118.2



#48
 Acenaphthylene
 Concen: 41.25 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:	152	Resp:	1171145
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.3	10.8	16.2

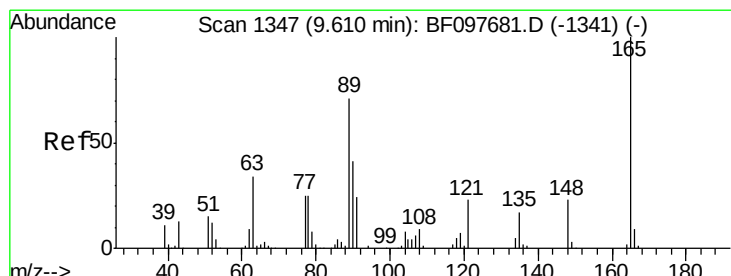
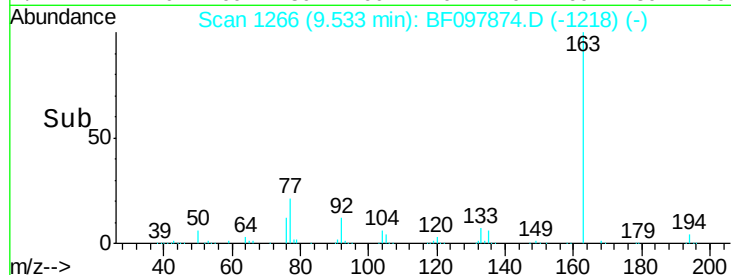
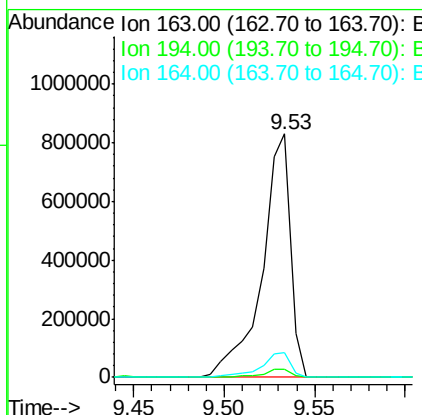
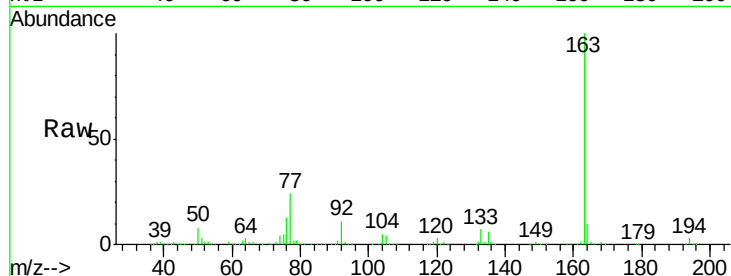




#49
Dimethylphthalate
Concen: 46.16 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

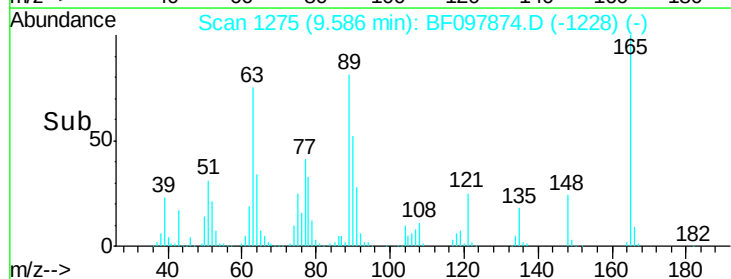
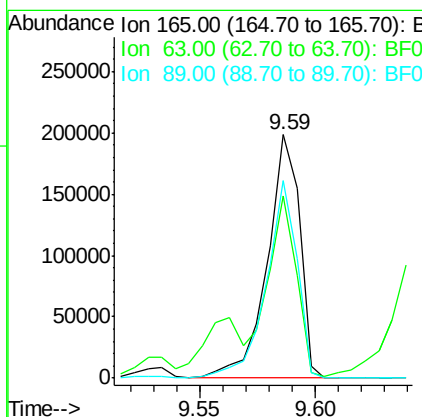
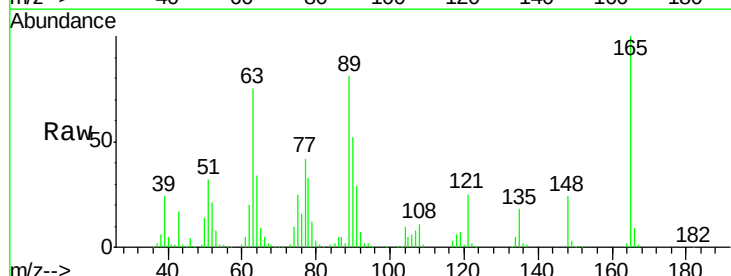
Instrument :
BNA_F
ClientSampleID :
PB101621BS

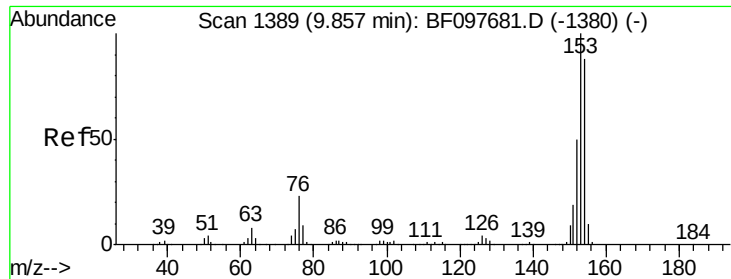
Tot Ion:163 Resp: 905369
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 49.48 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:165 Resp: 193705
Ion Ratio Lower Upper
165 100
63 75.1 34.3 51.5#
89 81.0 37.1 55.7#





#51

Acenaphthene

Concen: 39.14 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

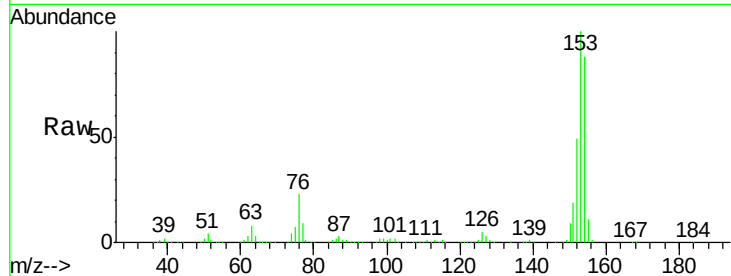
Tot Ion:154 Resp: 700892

Ion Ratio Lower Upper

154 100

153 113.4 90.5 135.7

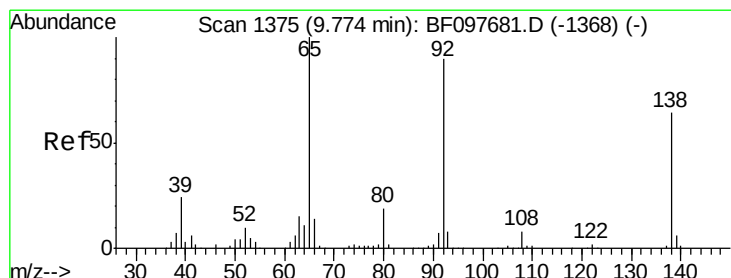
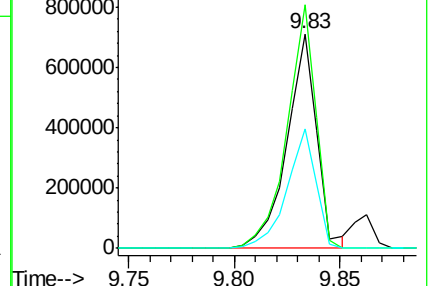
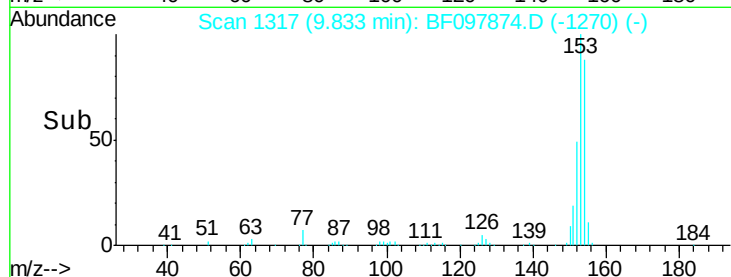
152 55.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.63 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

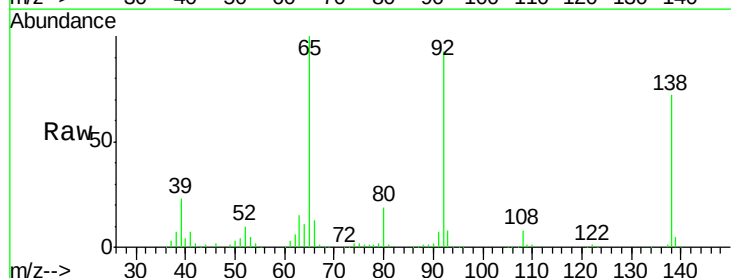
Tgt Ion:138 Resp: 169851

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

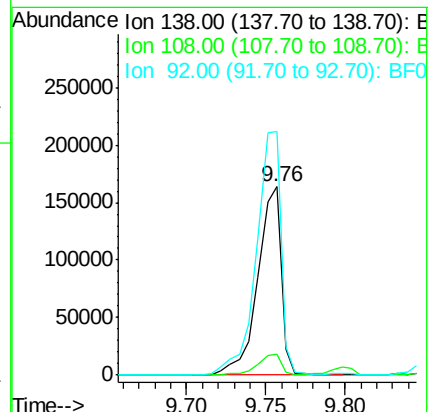
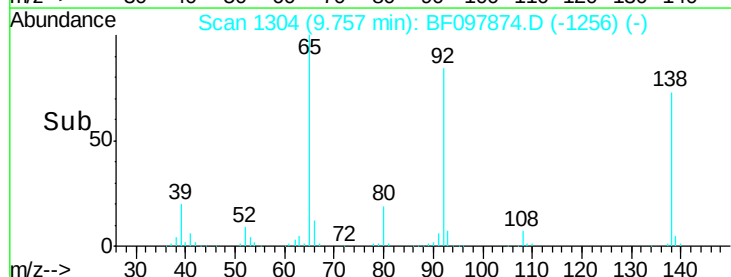
92 129.5 93.8 140.6

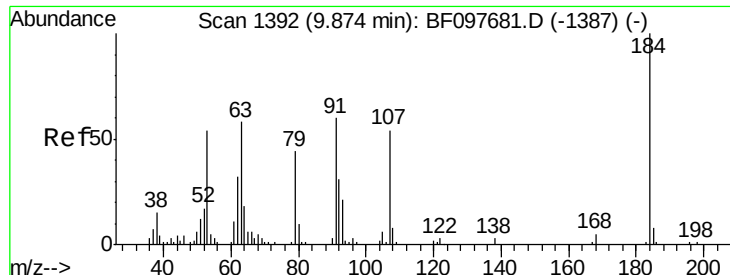


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

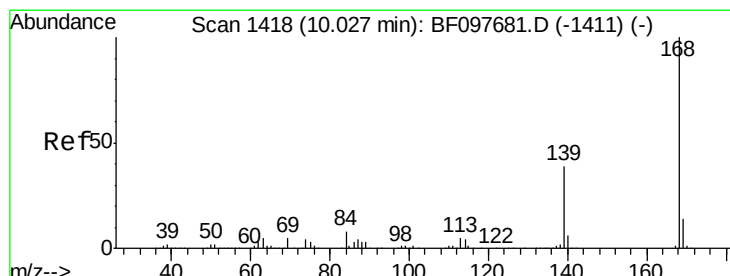
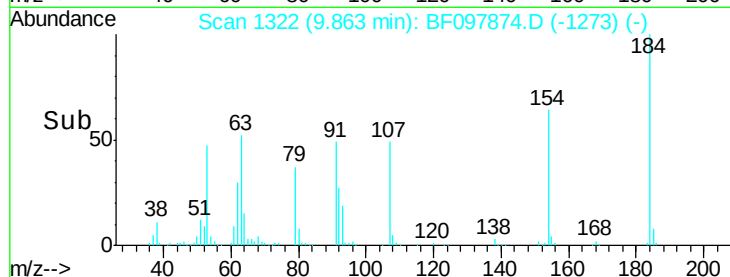
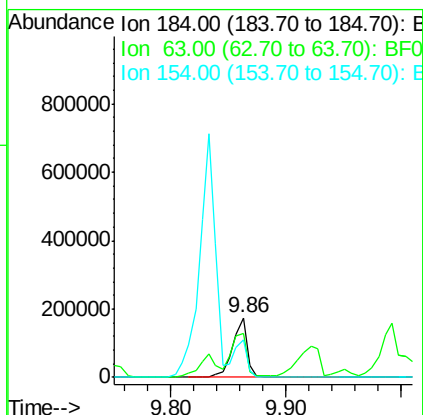
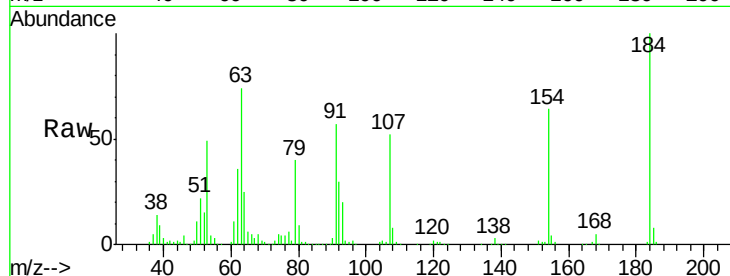




#53
2,4-Dinitrophenol
Concen: 82.16 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

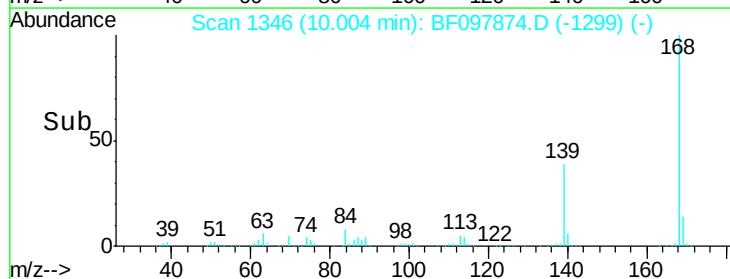
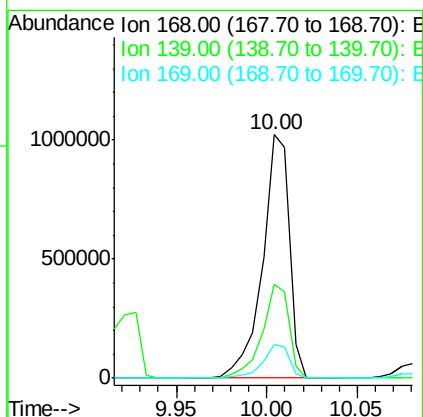
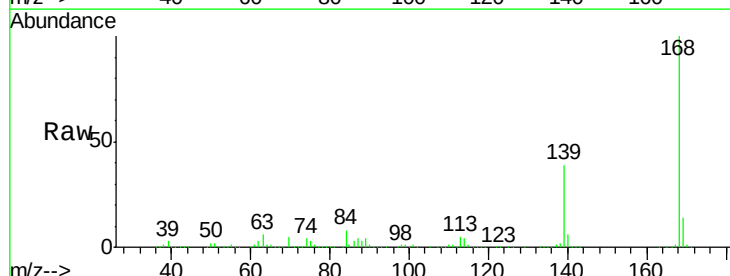
Instrument :
BNA_F
ClientSampleId :
PB101621BS

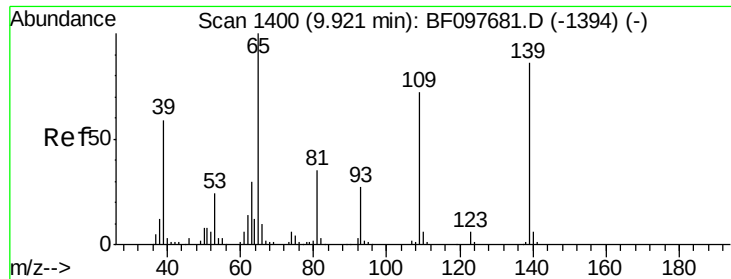
Tot Ion:184 Resp: 153588
Ion Ratio Lower Upper
184 100
63 74.2 62.7 94.1
154 63.6 81.1 121.7#



#54
Dibenzofuran
Concen: 44.06 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:168 Resp: 1057350
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.6 10.8 16.2

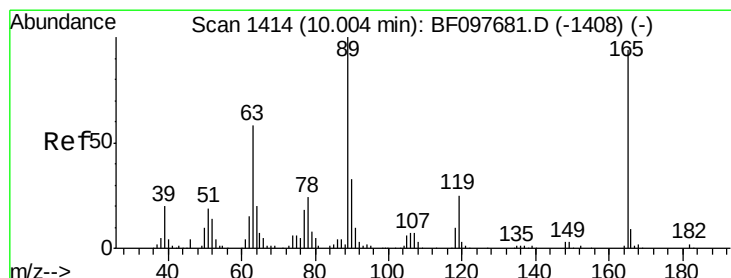
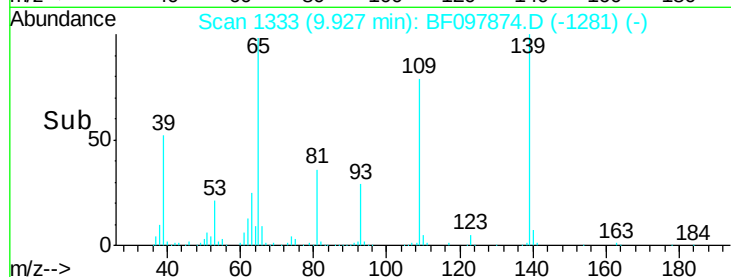
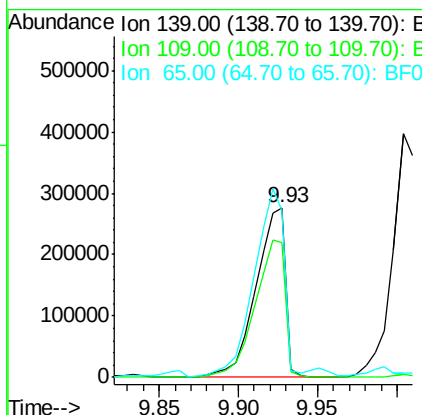
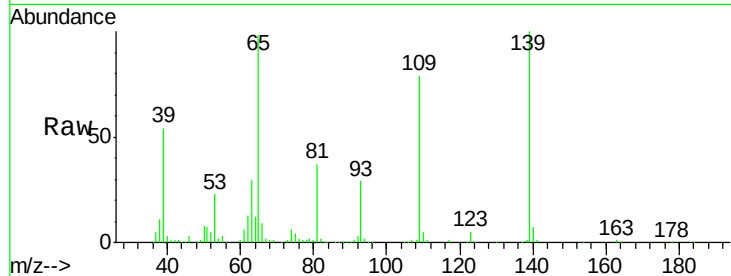




#55
4-Nitrophenol
Concen: 89.50 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

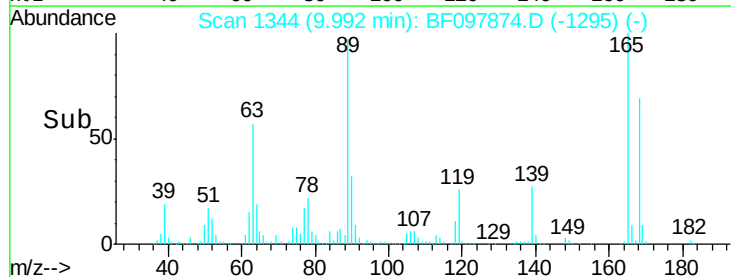
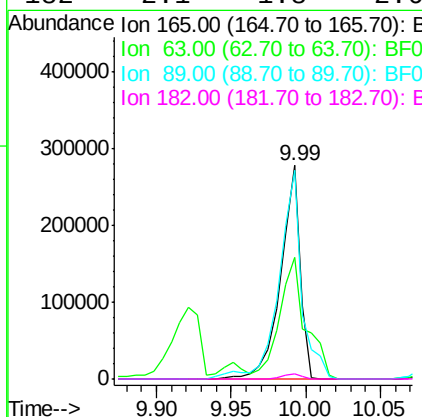
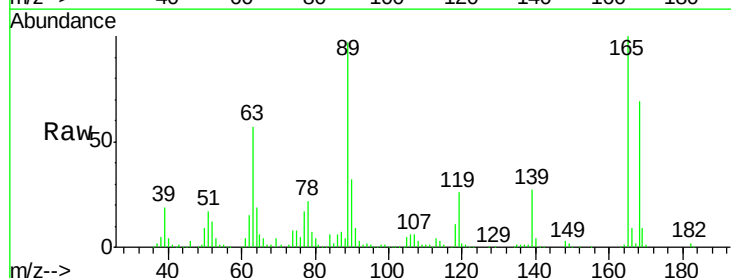
Instrument :
BNA_F
ClientSampleId :
PB101621BS

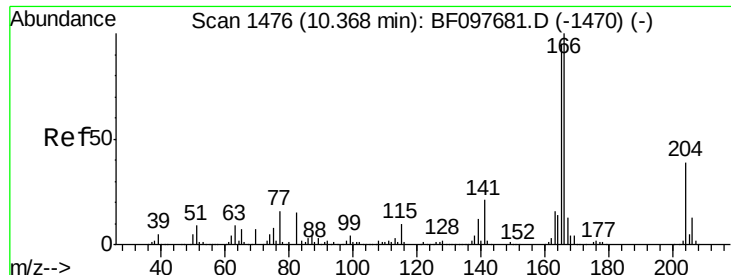
Tot Ion:139 Resp: 360634
Ion Ratio Lower Upper
139 100
109 79.2 34.1 74.1#
65 98.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 52.08 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:165 Resp: 255880
Ion Ratio Lower Upper
165 100
63 56.8 25.4 38.0#
89 97.4 46.4 69.6#
182 2.1 1.8 2.6

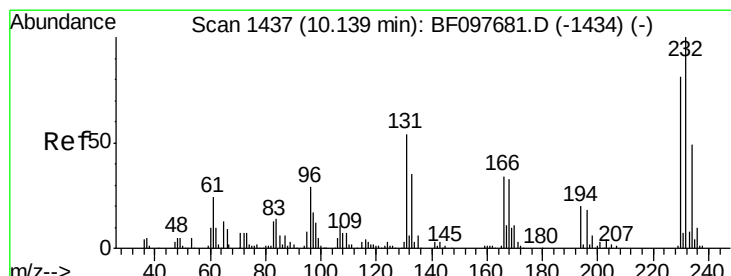
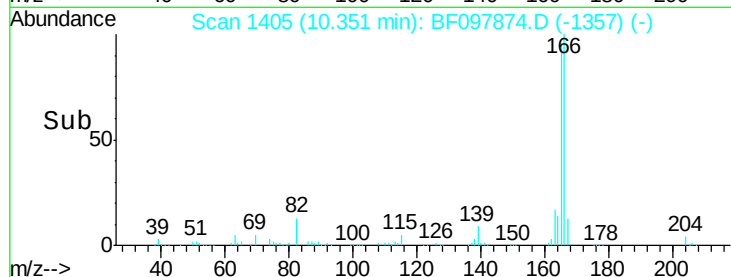
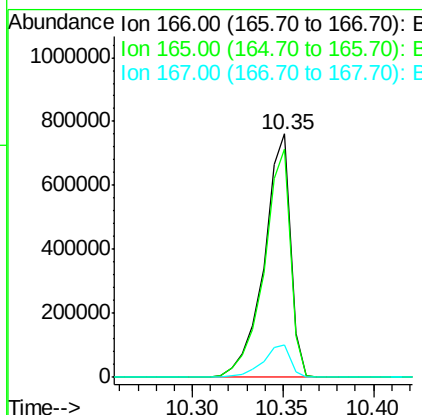
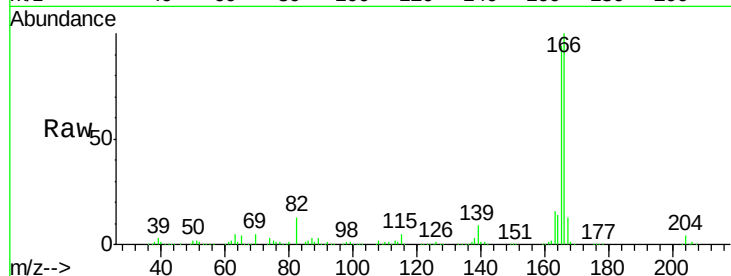




#57
 Fluorene
 Concen: 41.45 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

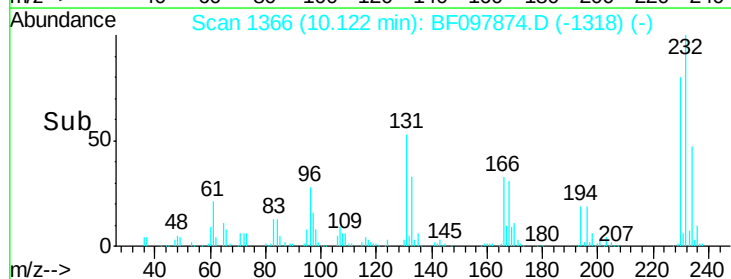
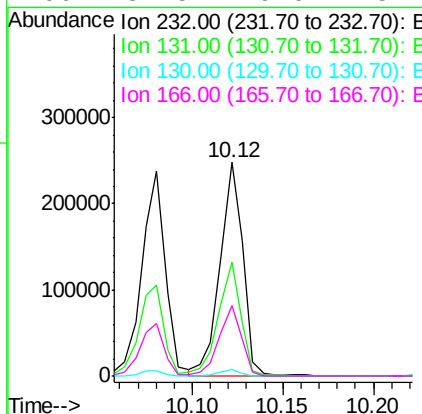
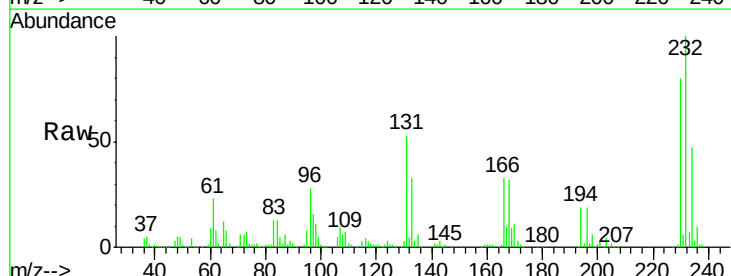
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

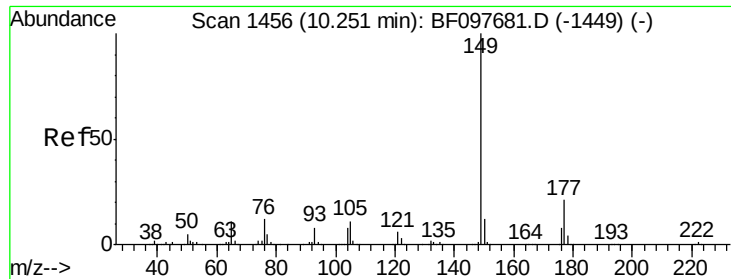
Tot Ion:166 Resp: 769088
 Ion Ratio Lower Upper
 166 100
 165 93.9 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.88 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:232 Resp: 216051
 Ion Ratio Lower Upper
 232 100
 131 52.9 44.8 67.2
 130 2.9 2.3 3.5
 166 32.5 29.0 43.4

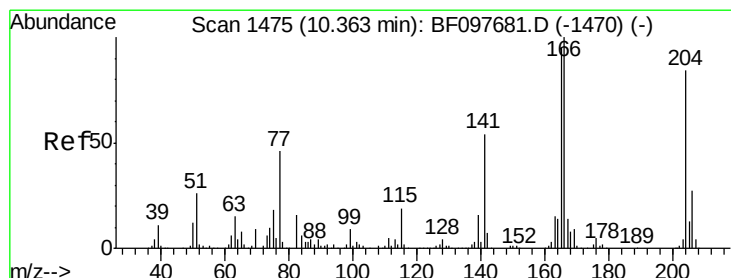
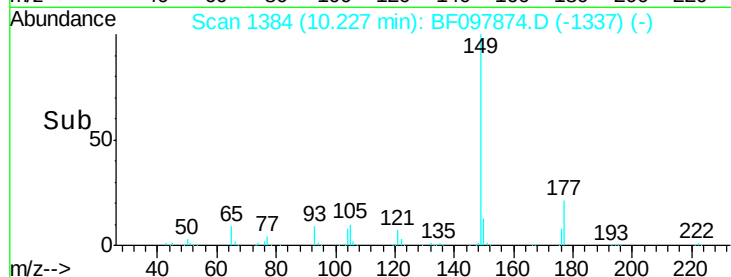
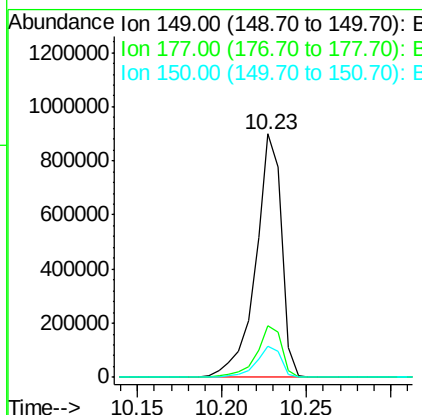
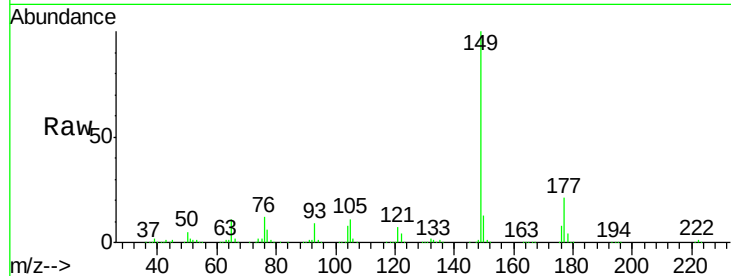




#59
Diethylphthalate
Concen: 46.54 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

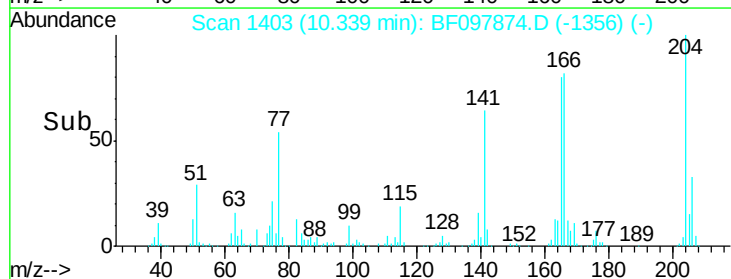
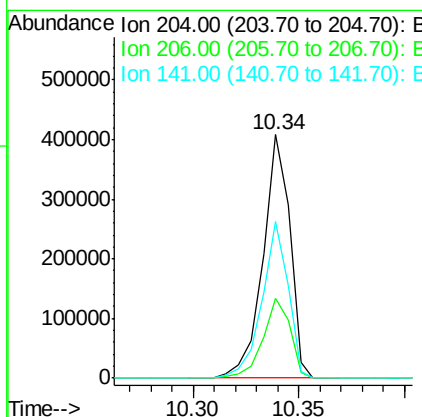
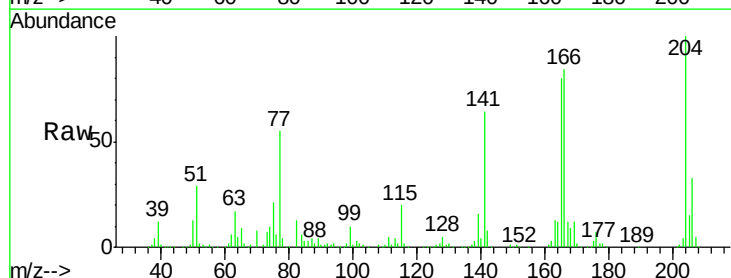
Instrument :
BNA_F
ClientSampleId :
PB101621BS

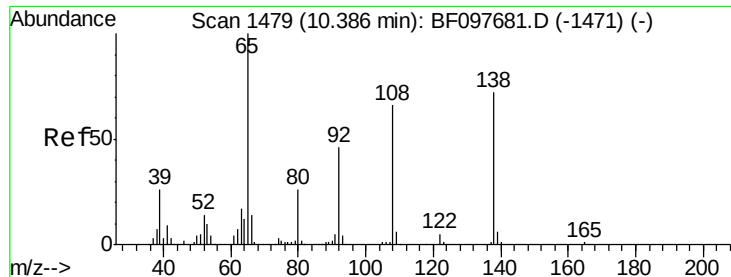
Tot Ion:149 Resp: 954578
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.07 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:204 Resp: 362595
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 64.5 60.8 91.2

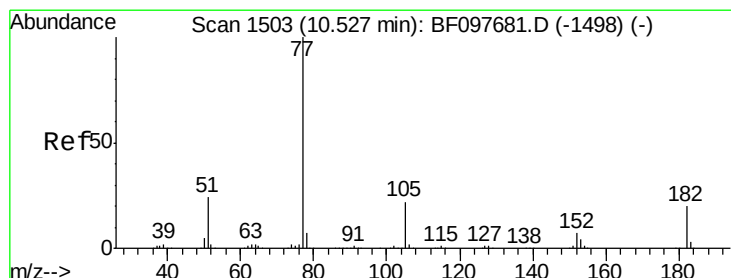
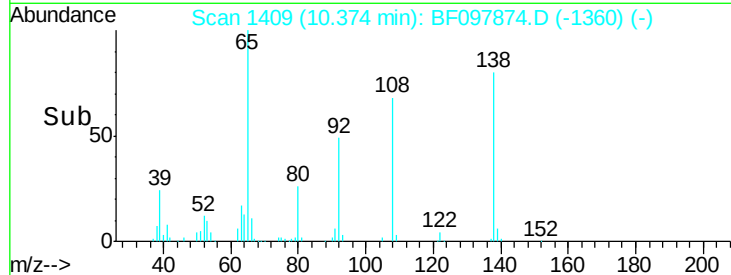
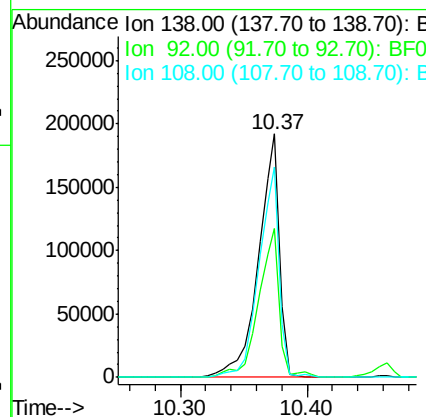
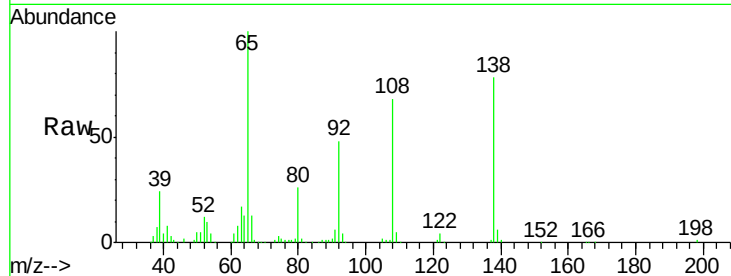




#61
 4-Nitroaniline
 Concen: 46.39 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

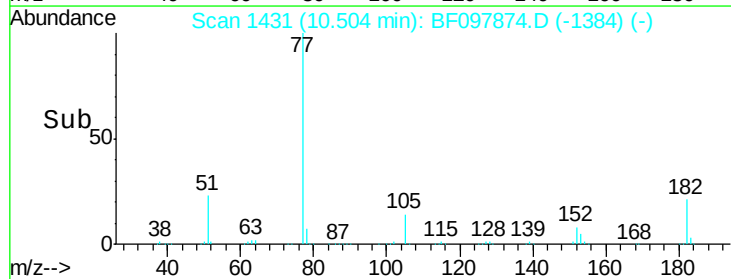
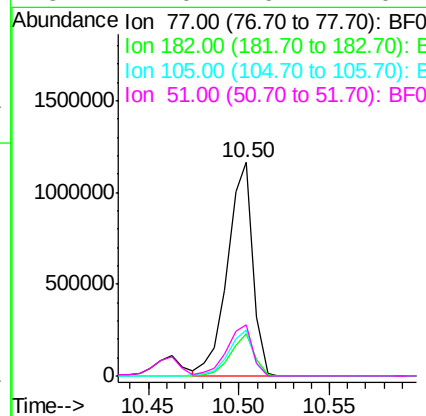
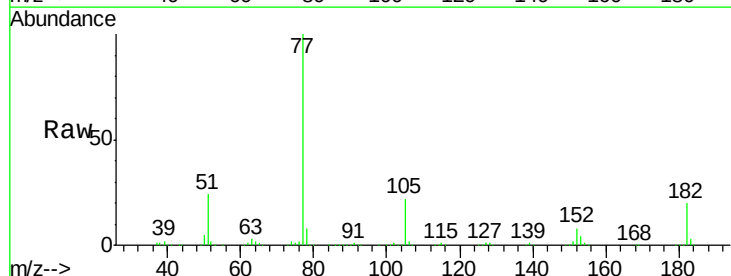
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

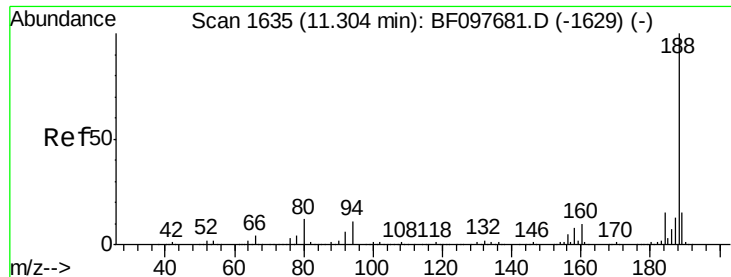
Tot Ion:138 Resp: 222713
 Ion Ratio Lower Upper
 138 100
 92 61.0 21.8 61.8
 108 86.3 42.3 82.3#



#62
 Azobenzene
 Concen: 46.33 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion: 77 Resp: 1128788
 Ion Ratio Lower Upper
 77 100
 182 19.7 0.1 40.1
 105 21.7 3.6 43.6
 51 24.0 9.4 49.4

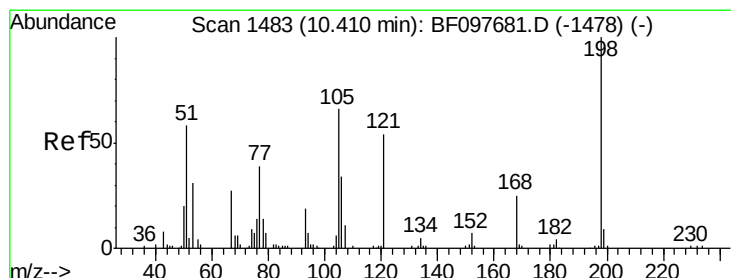
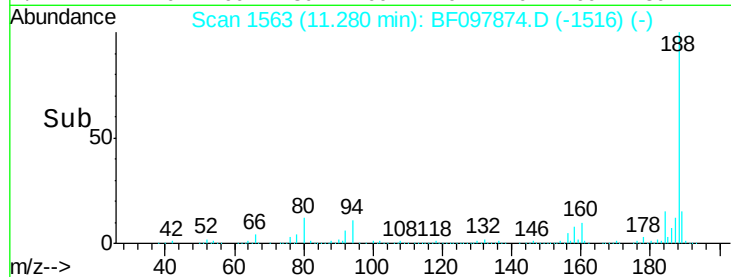
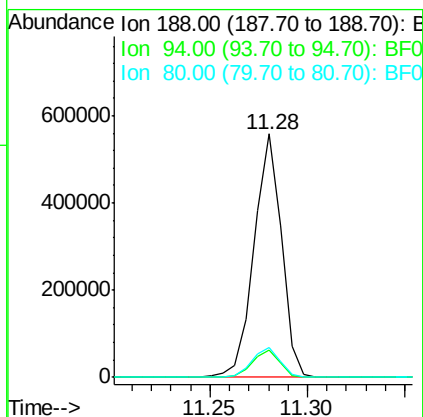
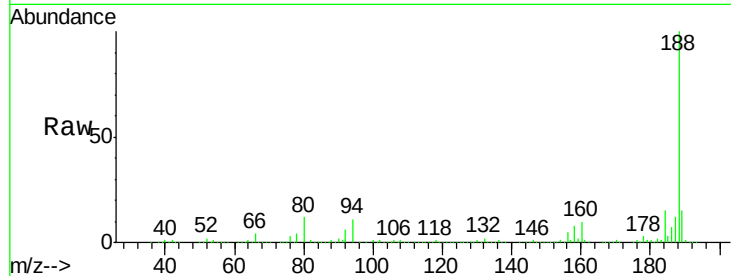




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

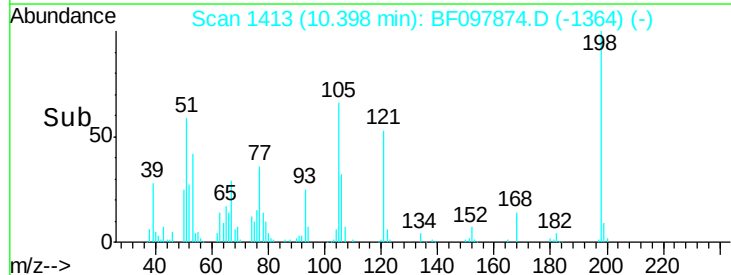
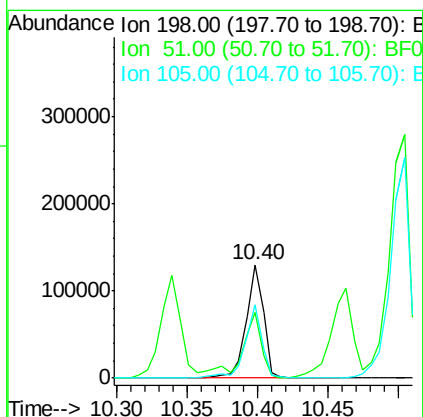
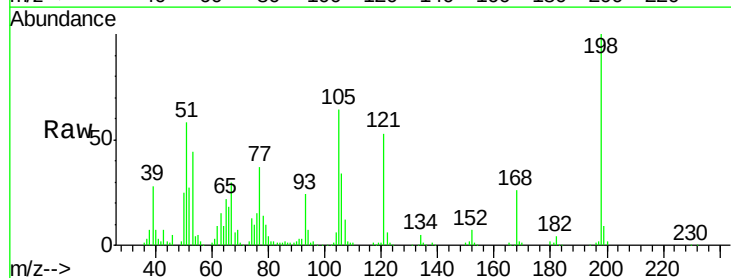
Instrument :
BNA_F
ClientSampleId :
PB101621BS

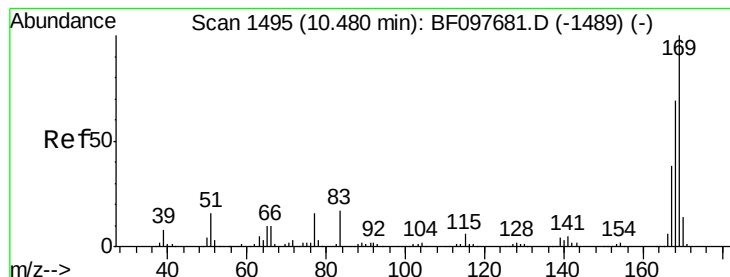
Tot Ion:188 Resp: 543299
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 44.50 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:198 Resp: 112065
Ion Ratio Lower Upper
198 100
51 58.0 53.2 93.2
105 64.5 45.8 85.8

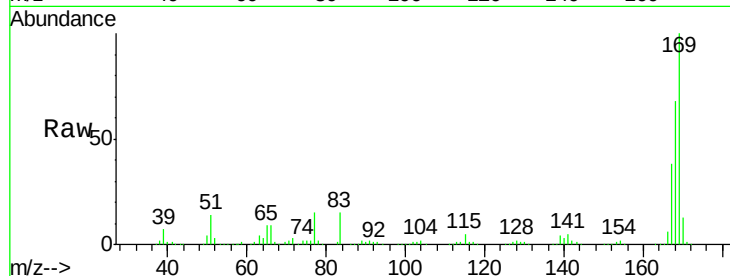




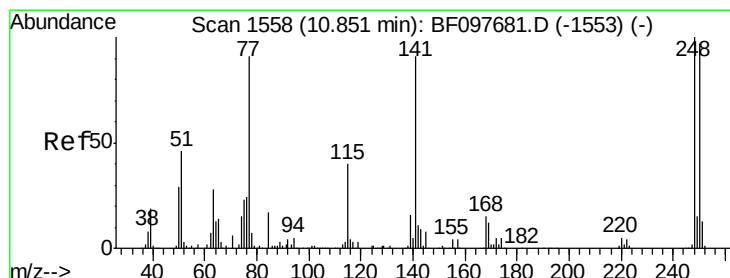
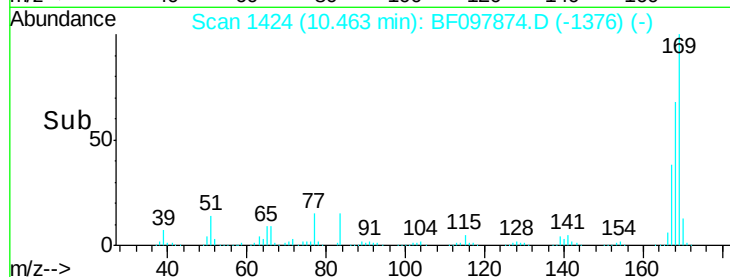
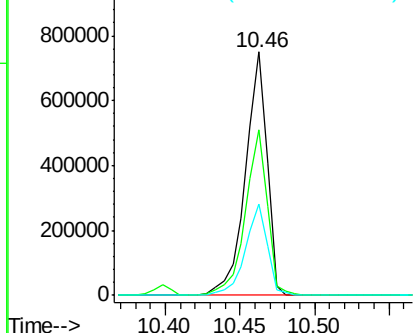
#65
 n-Nitrosodiphenylamine
 Concen: 40.45 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

Tot Ion:169 Resp: 748412
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 37.6 29.5 44.3

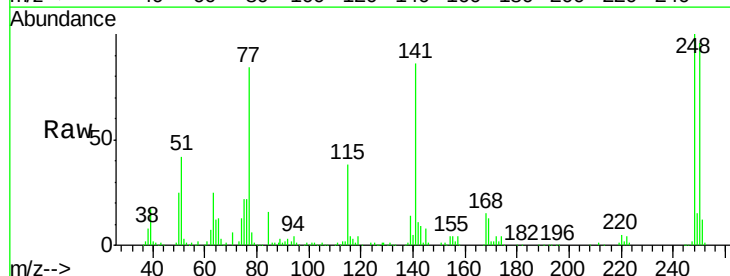


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

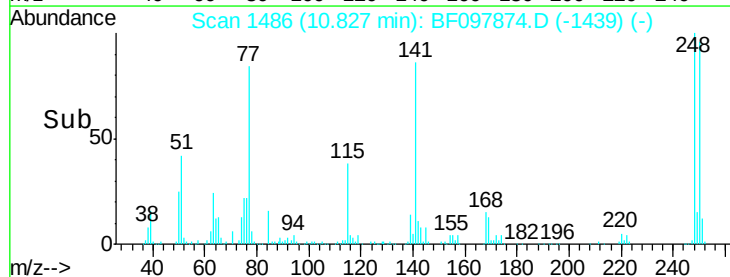
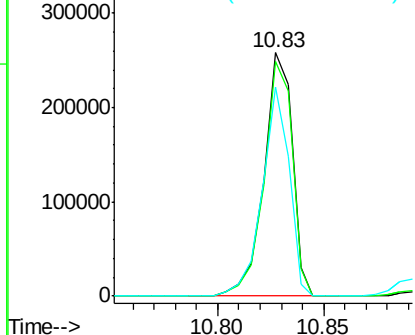


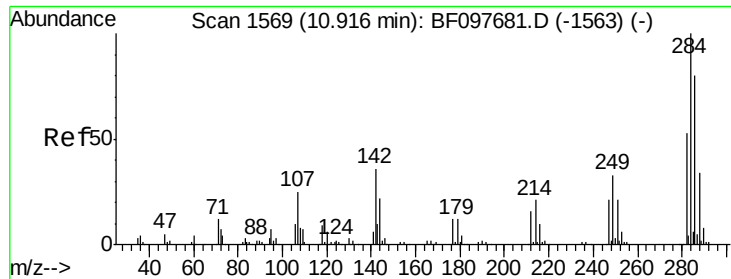
#66
 4-Bromophenyl-phenylether
 Concen: 43.13 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:248 Resp: 243337
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.8 115.2
 141 85.8 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: 40.21 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

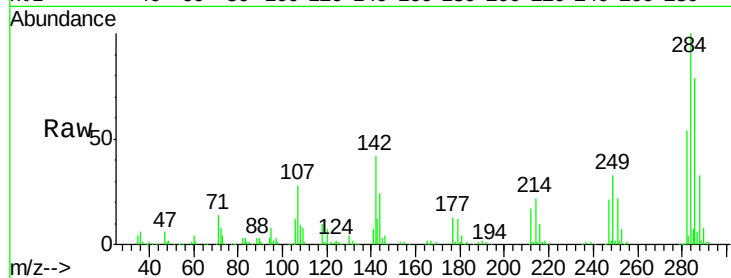
Tot Ion:284 Resp: 231202

Ion Ratio Lower Upper

284 100

142 41.6 22.8 34.2#

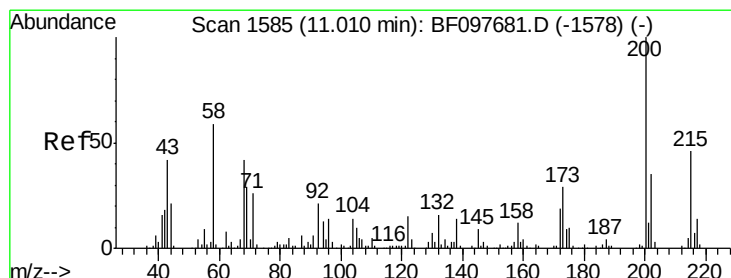
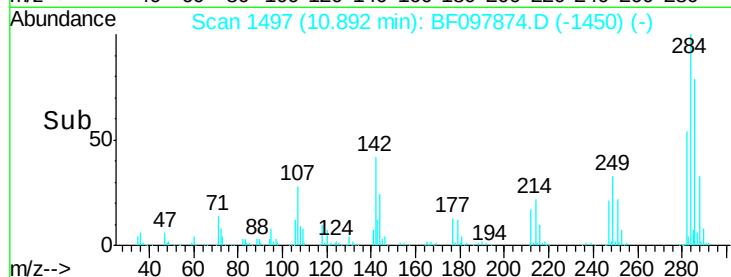
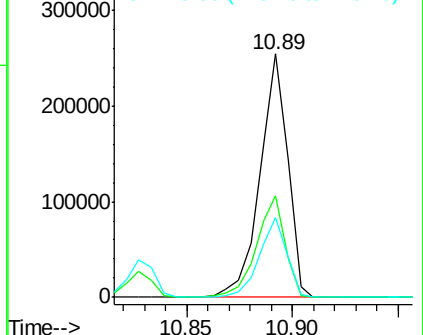
249 32.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.70 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

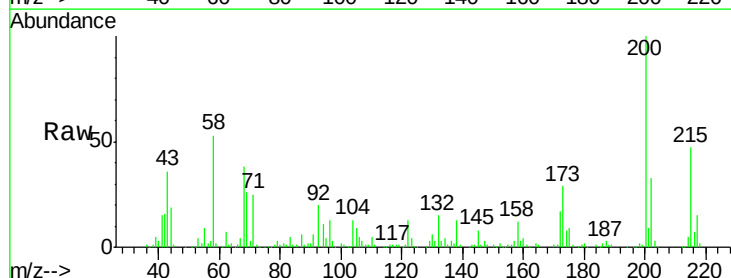
Tgt Ion:200 Resp: 234040

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

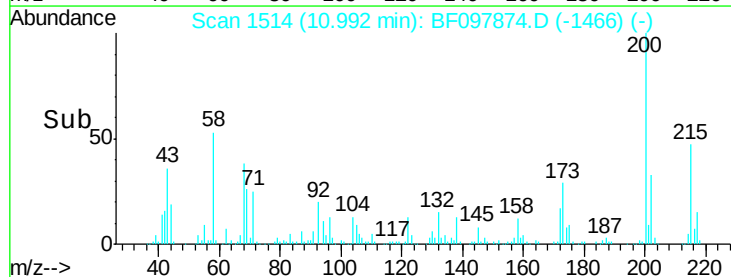
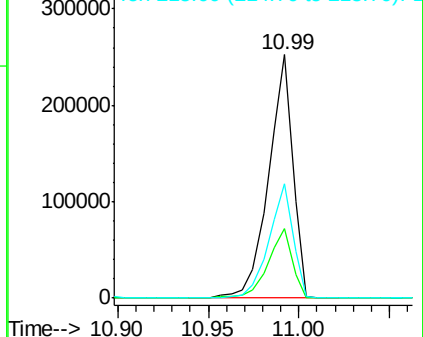
215 46.8 27.2 67.2

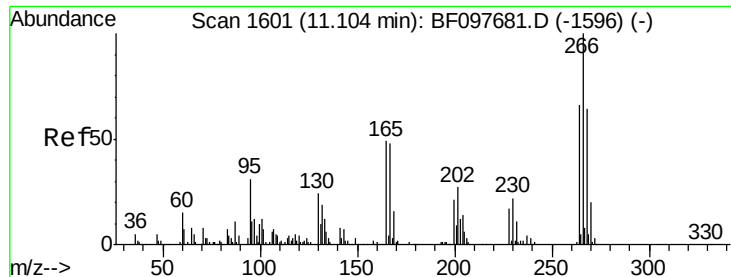


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

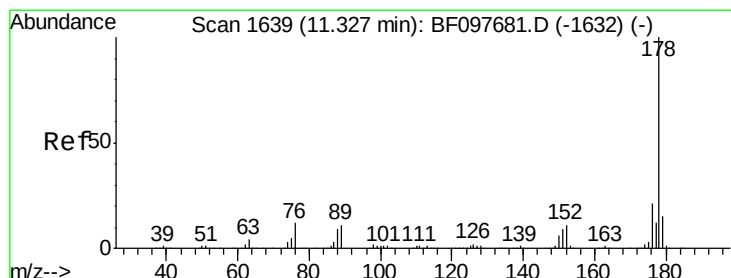
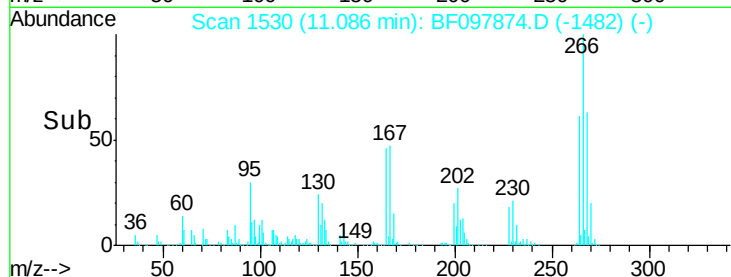
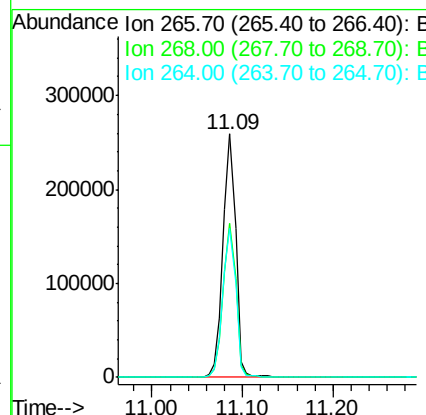
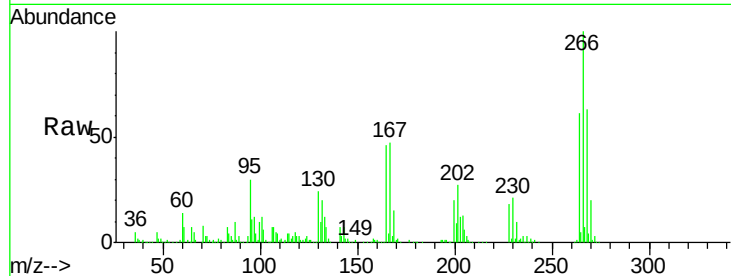




#69
 Pentachlorophenol
 Concen: 75.23 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

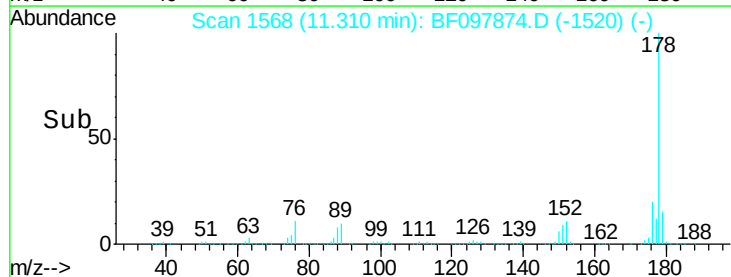
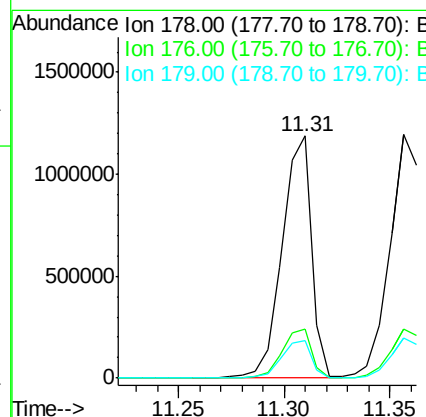
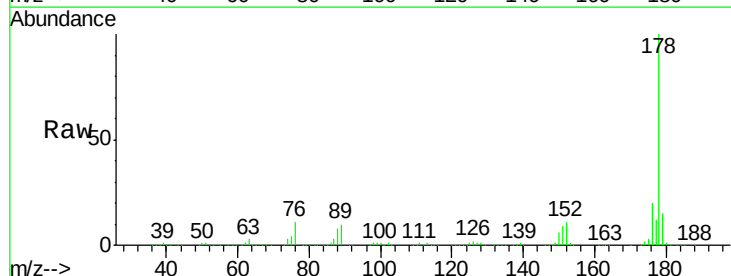
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

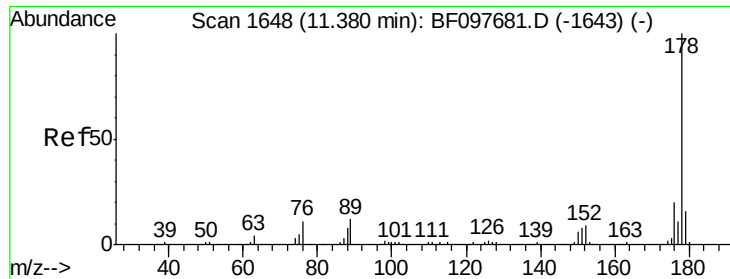
Tot Ion:266 Resp: 252245
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 61.3 51.7 77.5



#70
 Phenanthrene
 Concen: 39.94 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:178 Resp: 1156376
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.5 12.6 19.0

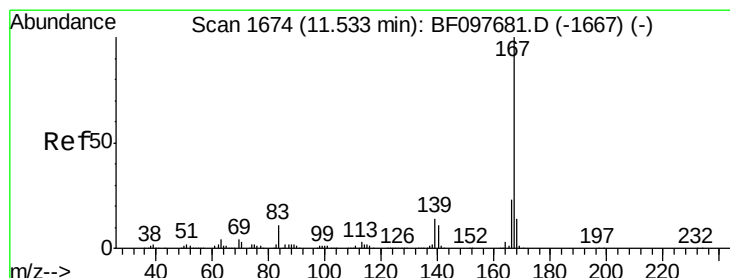
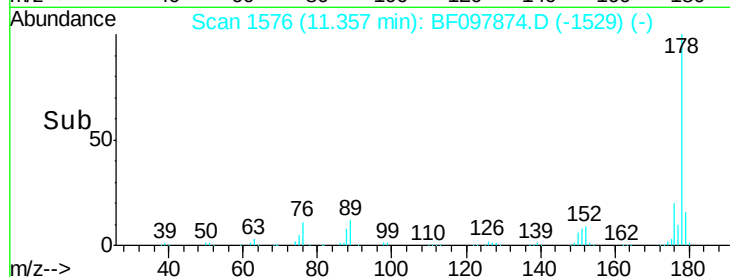
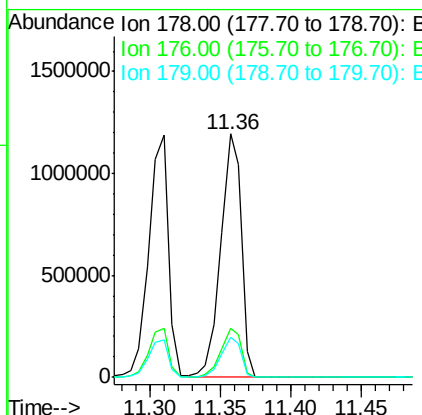
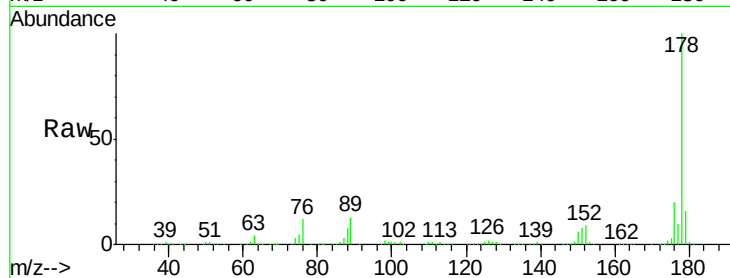




#71
 Anthracene
 Concen: 41.21 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

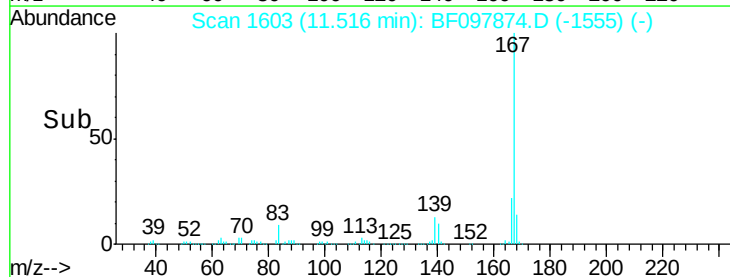
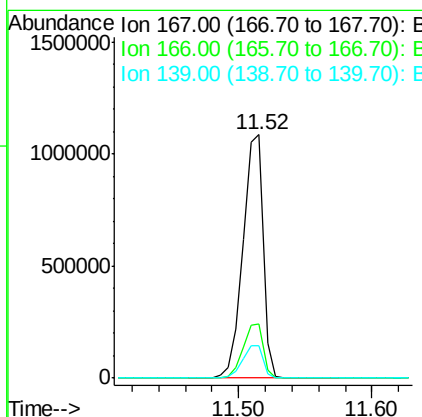
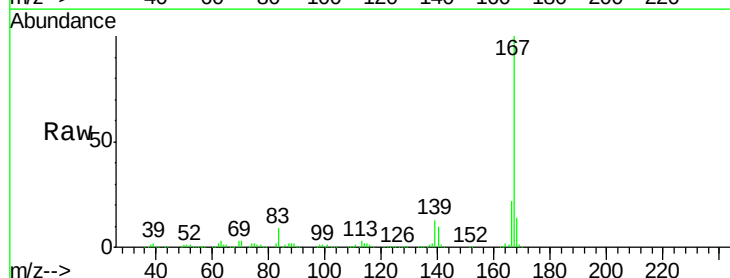
Instrument :
 BNA_F
 ClientSampleId :
 PB101621BS

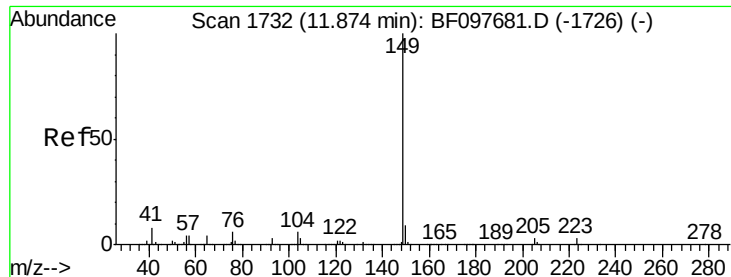
Tot Ion:178 Resp: 1210100
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.3 12.7 19.1



#72
 Carbazole
 Concen: 40.72 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.02 min
 Lab File: BF097874.D
 Acq: 19 Aug 2017 13:07

Tgt Ion:167 Resp: 1134954
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.85 ng

RT: 11.85 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

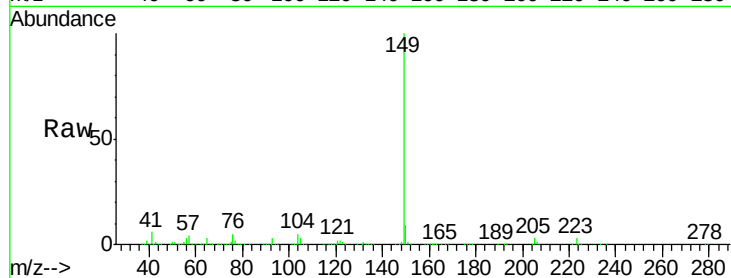
Tot Ion:149 Resp: 1504025

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

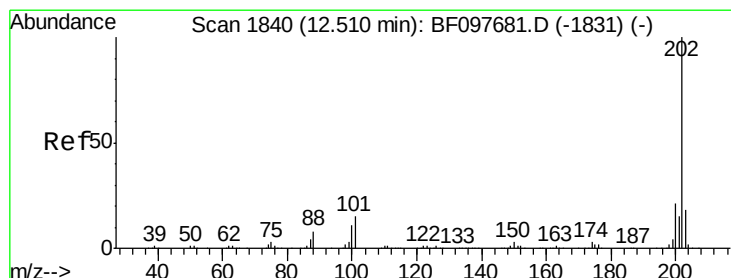
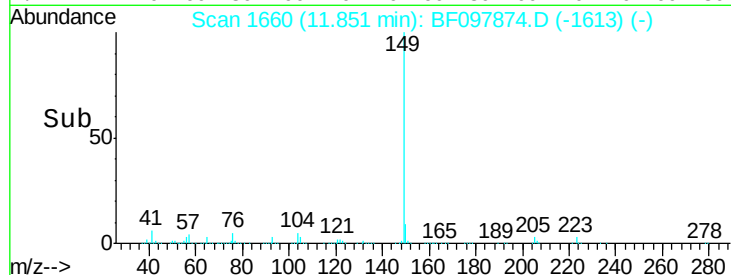
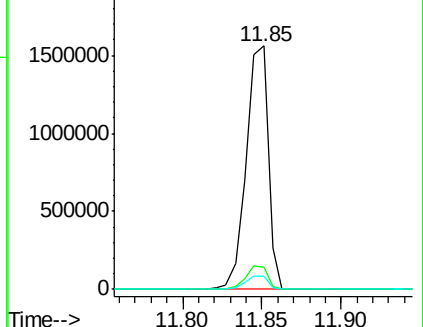
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.22 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

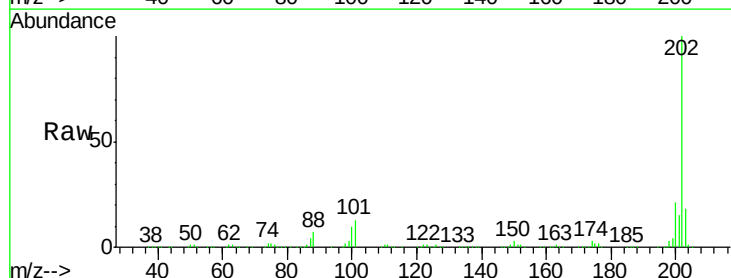
Tgt Ion:202 Resp: 1245434

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

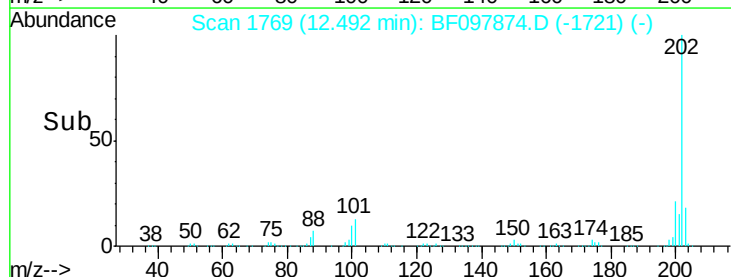
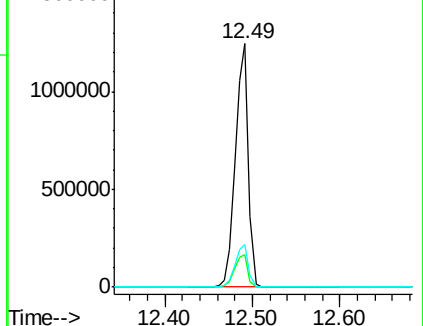
203 17.5 0.0 38.1

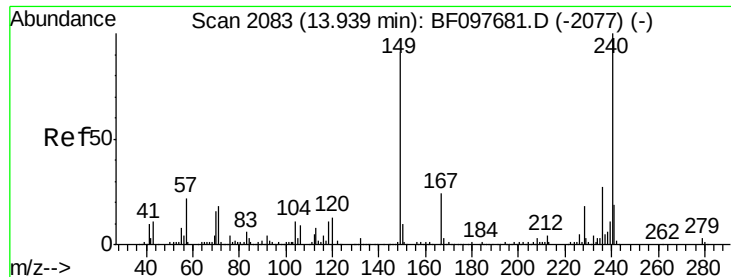


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

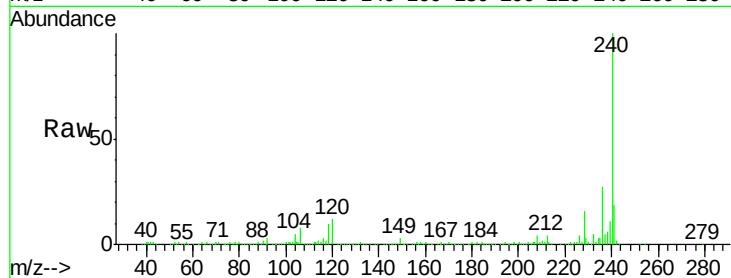
Tot Ion:240 Resp: 374745

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

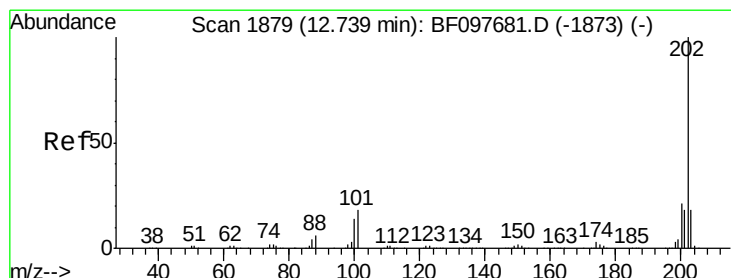
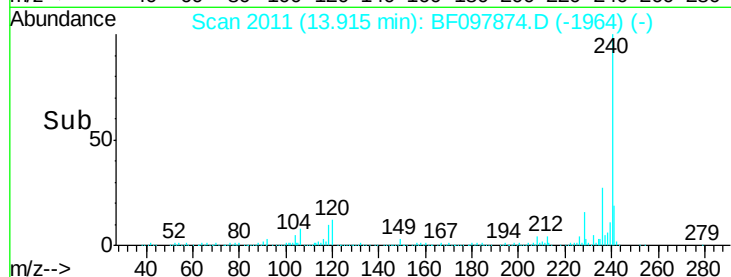
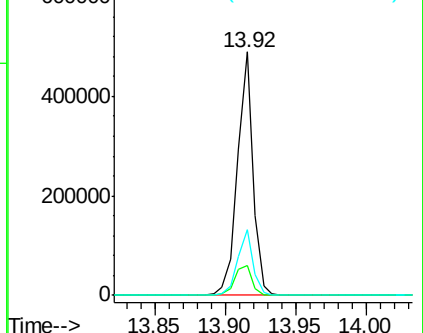
236 27.2 20.5 30.7



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: 41.49 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

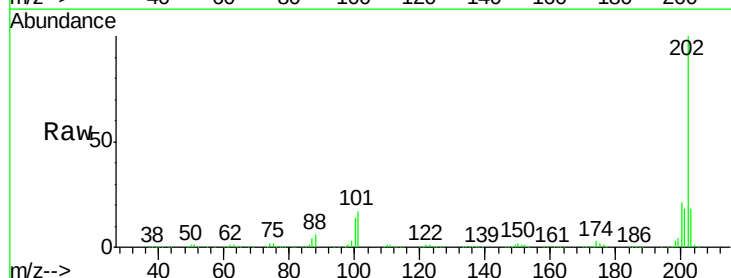
Tgt Ion:202 Resp: 1271714

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

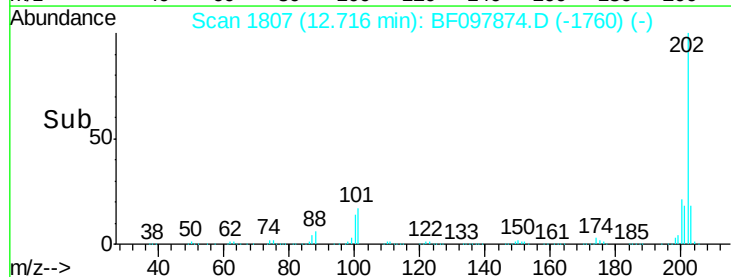
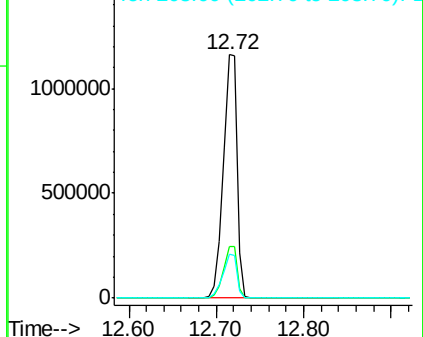
203 18.0 14.4 21.6

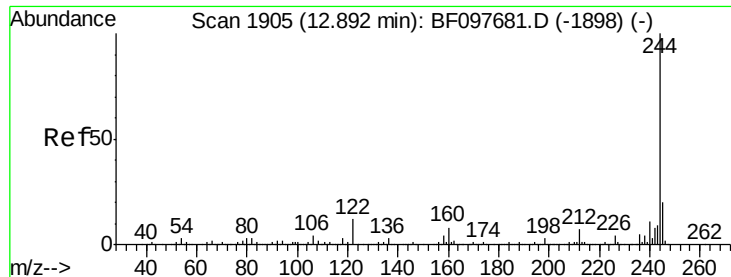


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.62 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

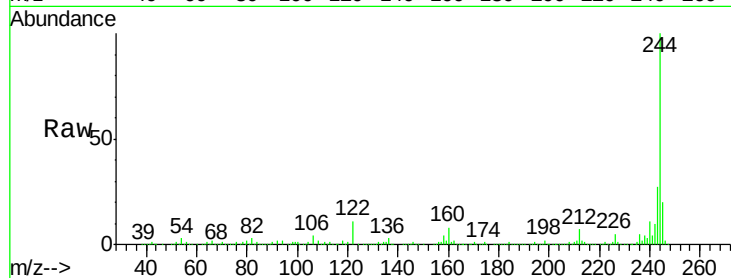
Tot Ion:244 Resp: 1394941

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

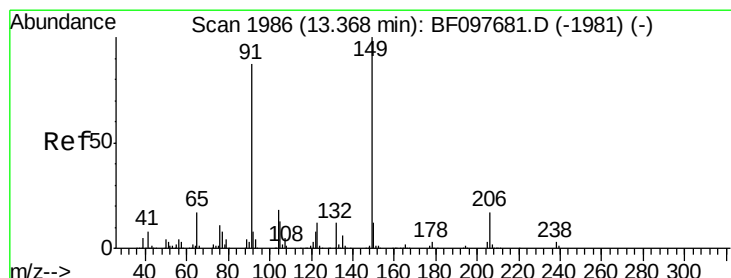
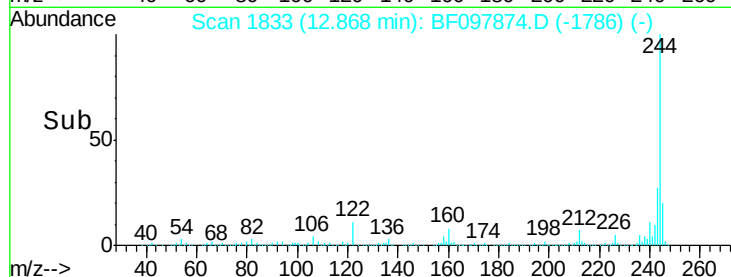
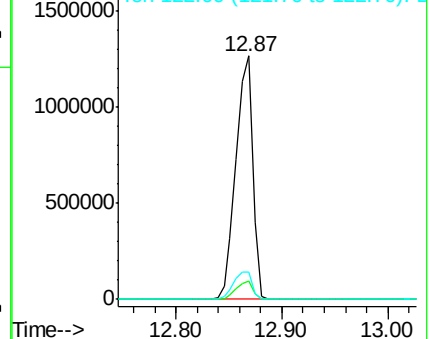
122 11.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 53.50 ng

RT: 13.34 min Scan# 1913

Delta R.T. -0.03 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

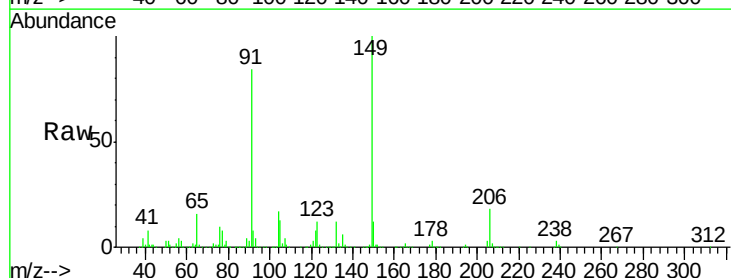
Tgt Ion:149 Resp: 628704

Ion Ratio Lower Upper

149 100

91 84.2 45.0 67.4#

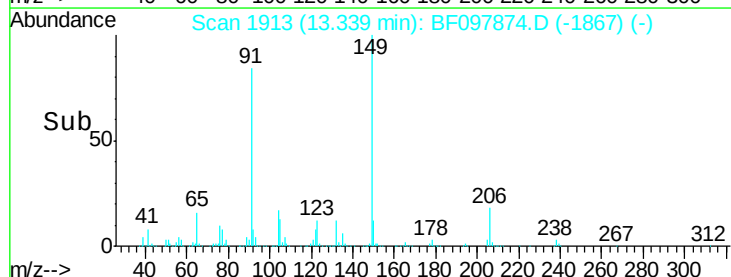
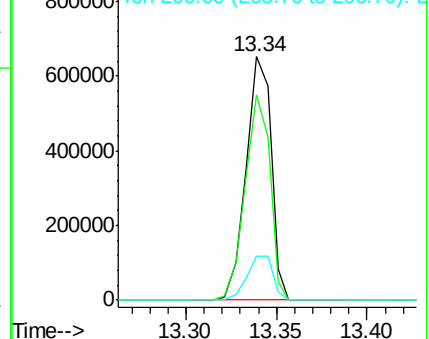
206 18.1 17.0 25.6

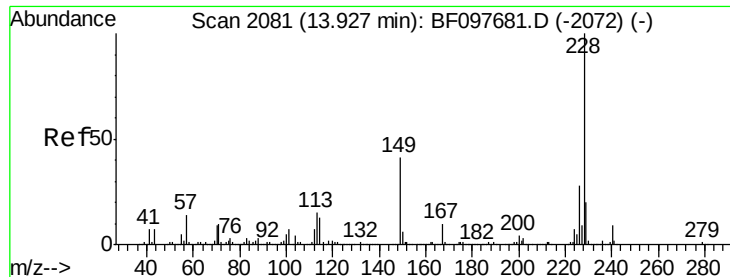


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.05 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

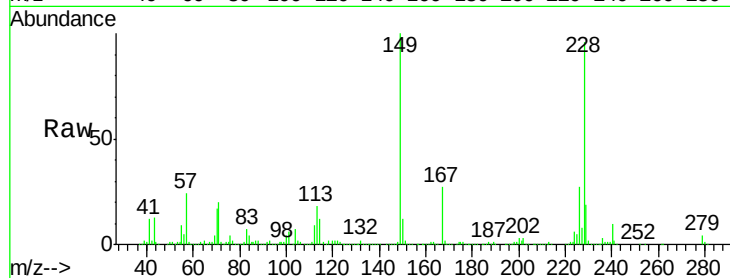
Tot Ion:228 Resp: 899512

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

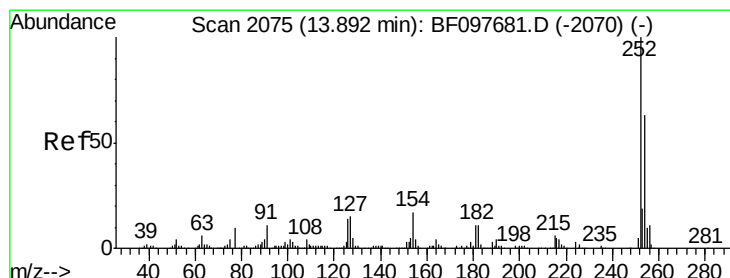
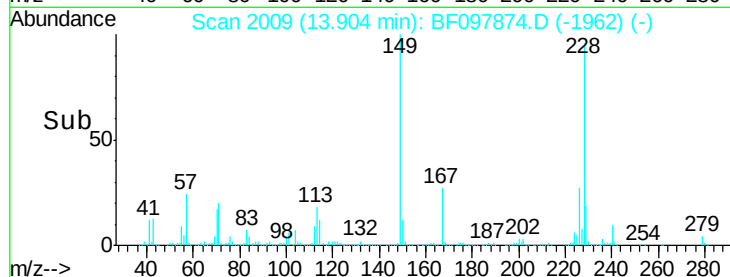
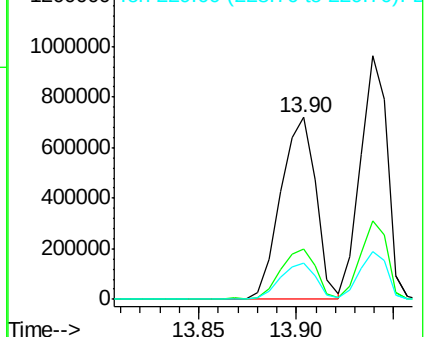
229 19.8 16.3 24.5



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: 34.80 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

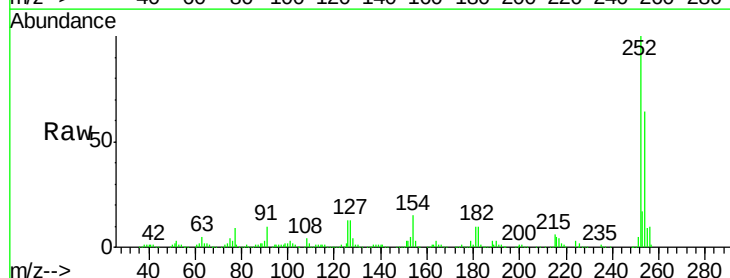
Tgt Ion:252 Resp: 263783

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

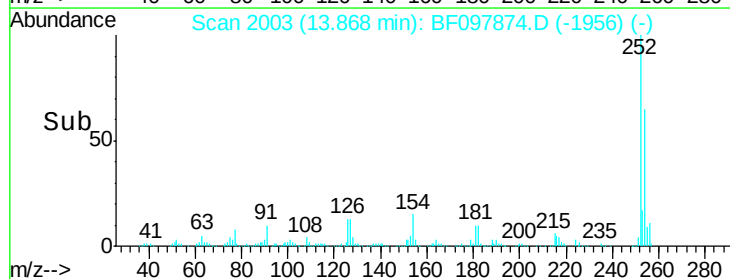
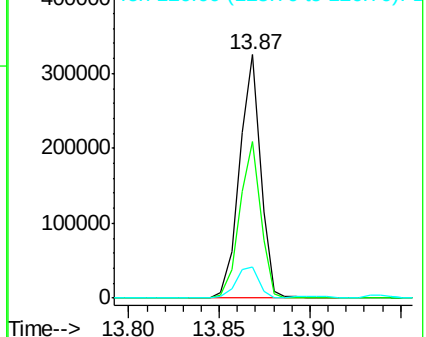
126 12.5 15.8 23.8#

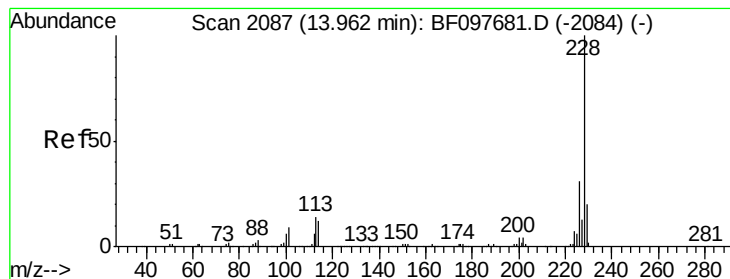


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.41 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

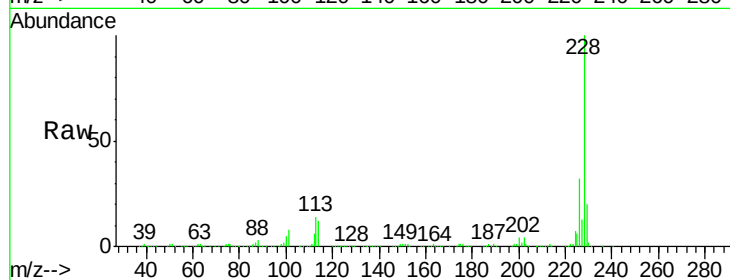
Tot Ion:228 Resp: 925184

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

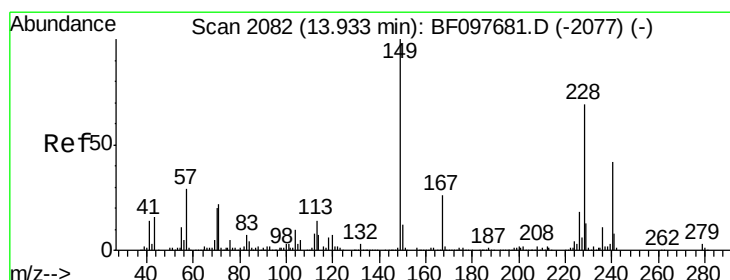
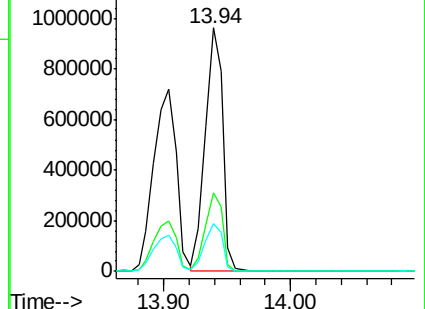
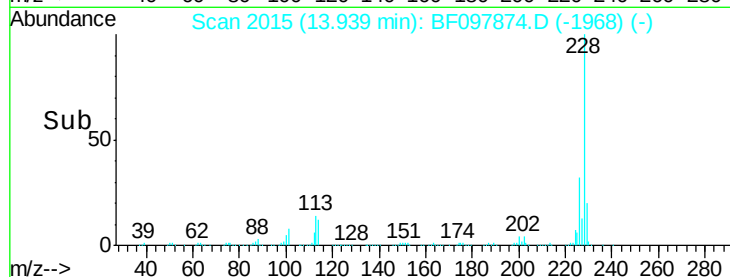
229 19.6 15.8 23.6



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: 55.83 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

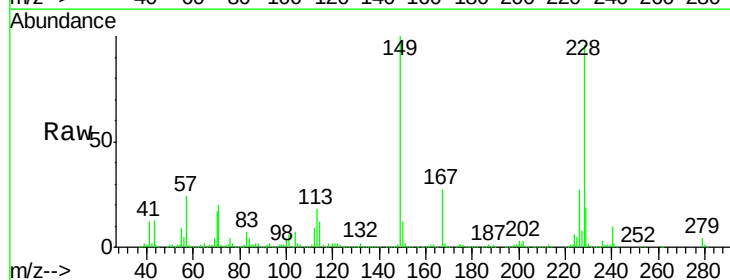
Tgt Ion:149 Resp: 726955

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

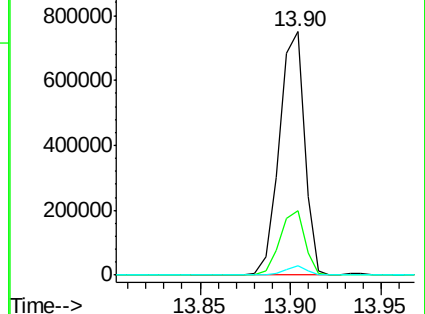
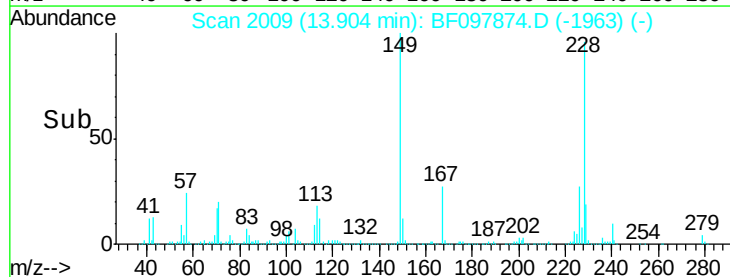
279 3.9 1.9 2.9#

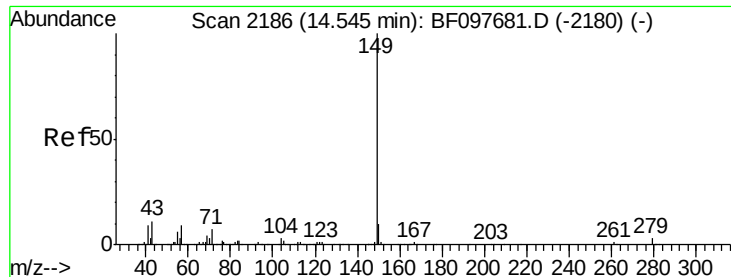


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 58.56 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.04 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

Instrument :

BNA_F

ClientSampleId :

PB101621BS

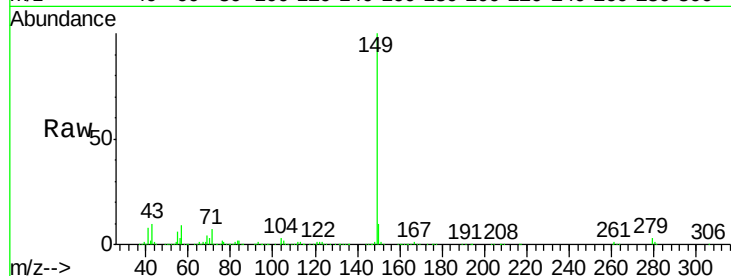
Tot Ion:149 Resp: 1326857

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

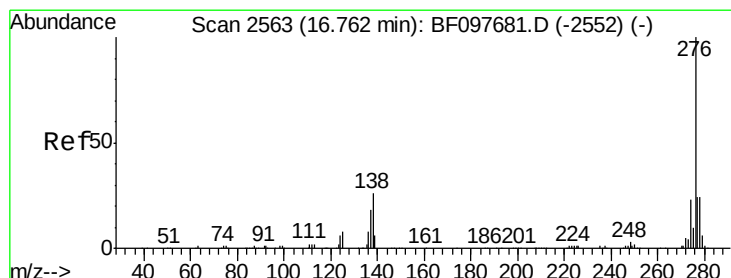
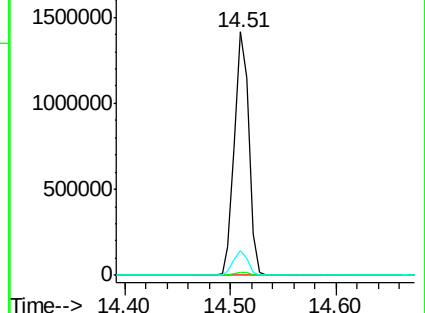
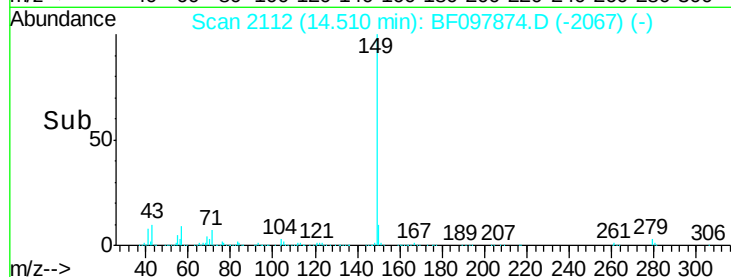
43 10.0 8.5 12.7



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: 42.10 ng

RT: 16.72 min Scan# 2488

Delta R.T. -0.04 min

Lab File: BF097874.D

Acq: 19 Aug 2017 13:07

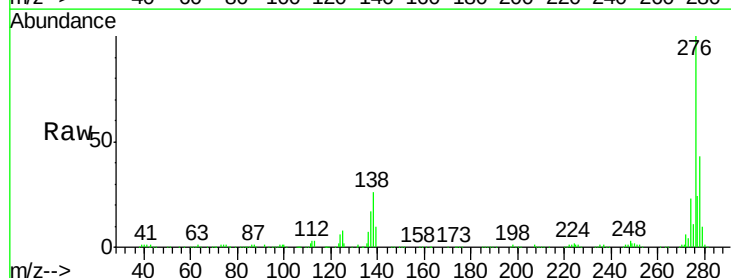
Tgt Ion:276 Resp: 691983

Ion Ratio Lower Upper

276 100

138 28.6 27.8 41.6

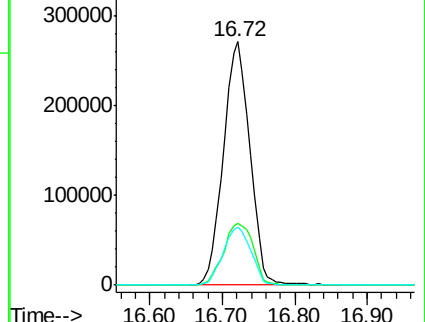
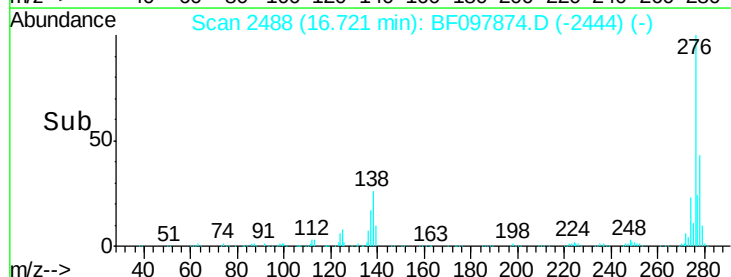
277 25.0 20.2 30.4

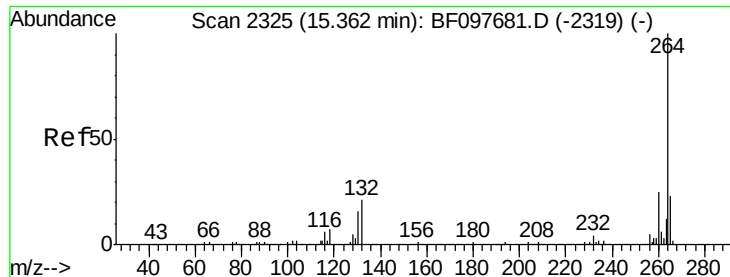


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

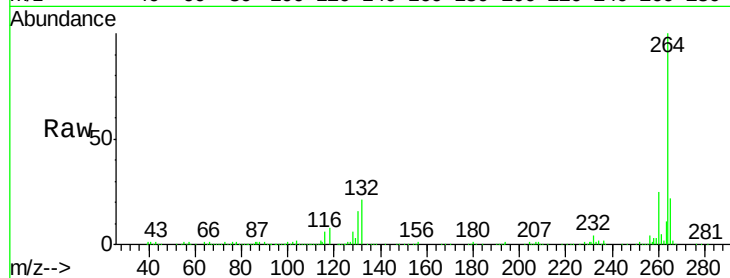




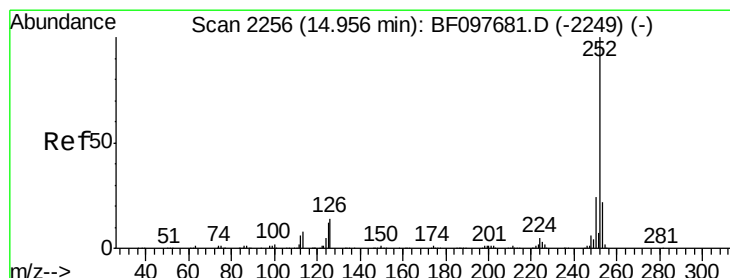
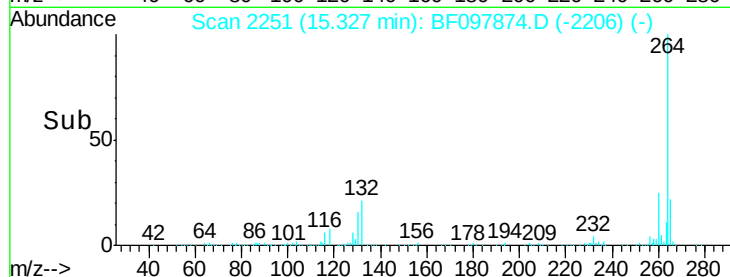
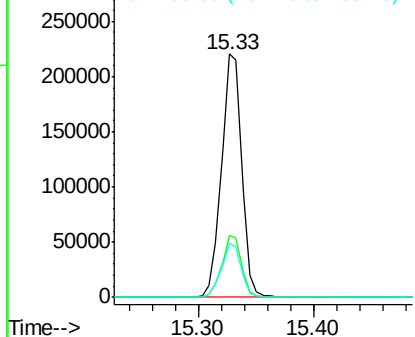
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.04 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion:264 Resp: 267227
Ion Ratio Lower Upper
264 100
260 25.4 19.5 29.3
265 22.3 17.2 25.8

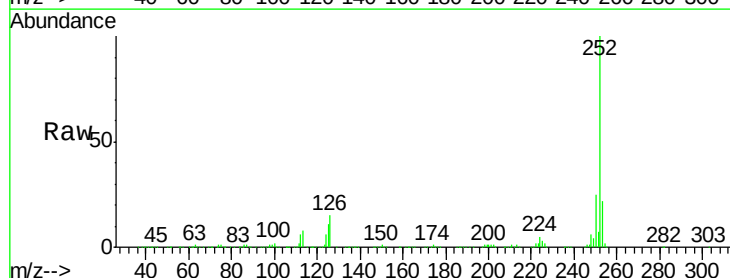


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

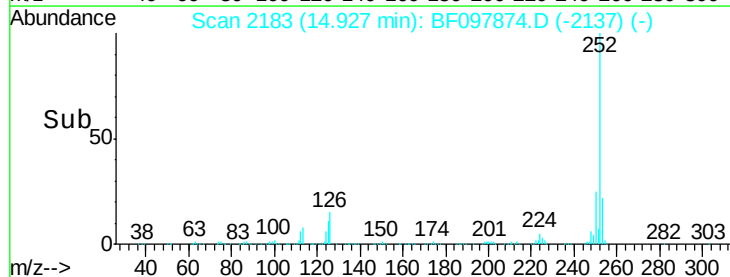
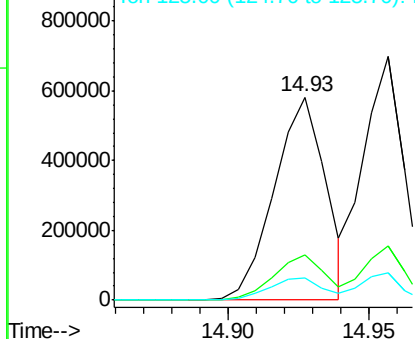


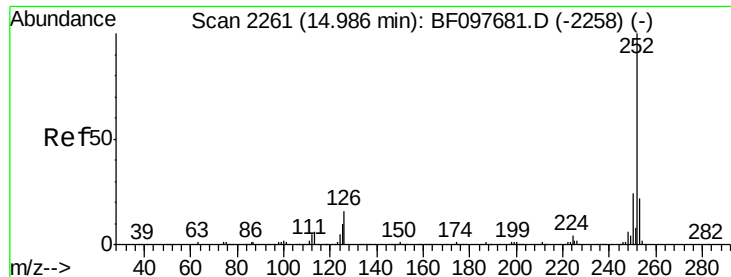
#87
Benzo(b)fluoranthene
Concen: 43.74 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:252 Resp: 736810
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.1 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

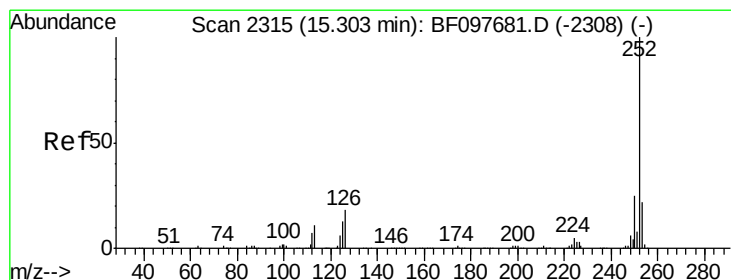
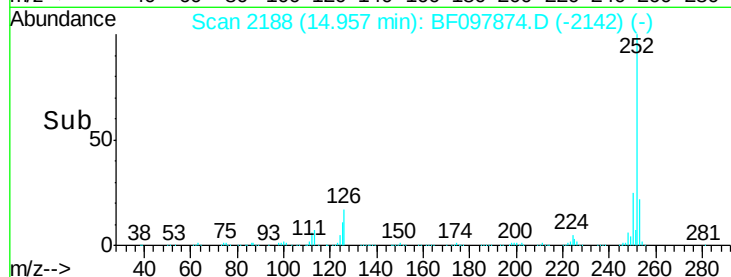
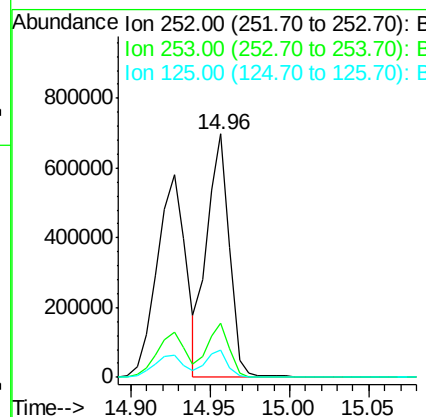
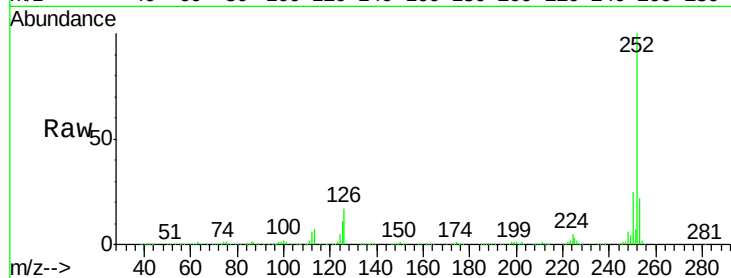




#88
Benzo(k)fluoranthene
Concen: 43.84 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

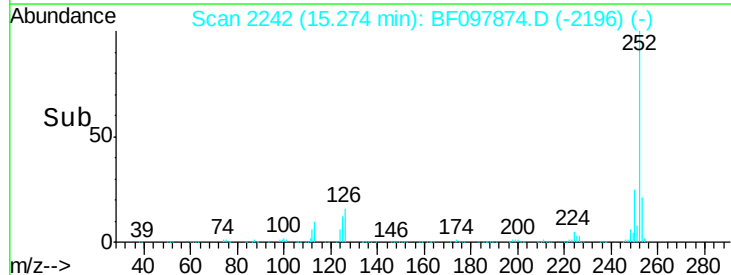
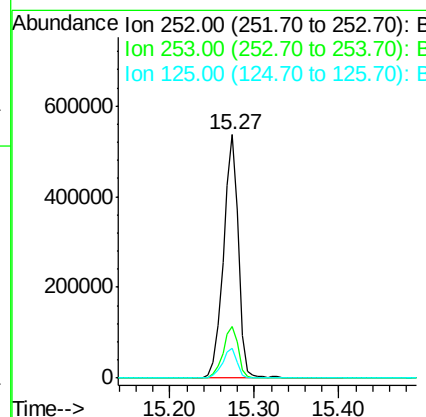
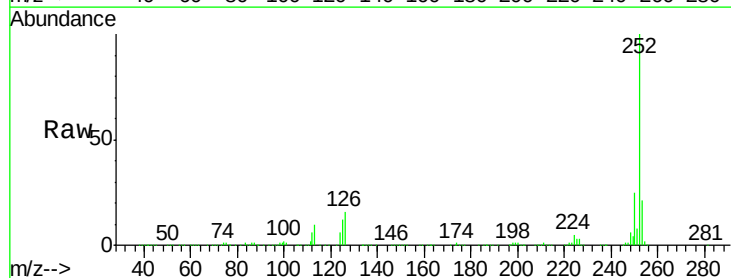
Instrument :
BNA_F
ClientSampleId :
PB101621BS

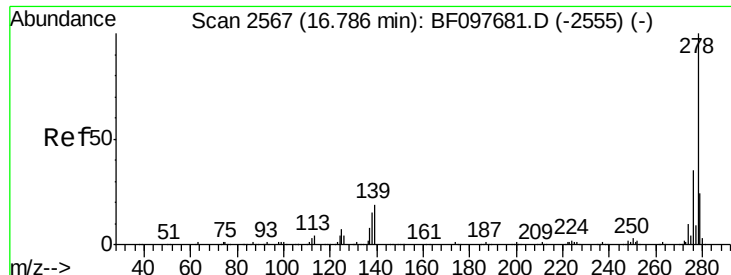
Tot Ion:252 Resp: 693741
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 11.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 44.78 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.03 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:252 Resp: 667714
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 12.3 11.0 16.4



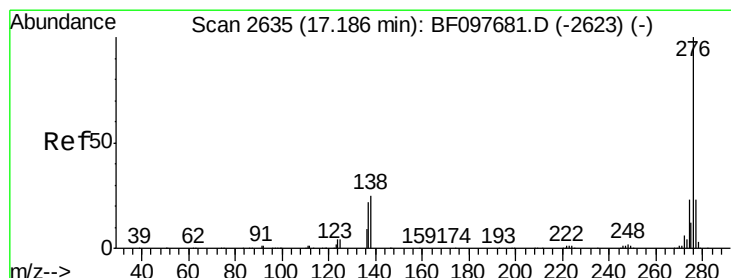
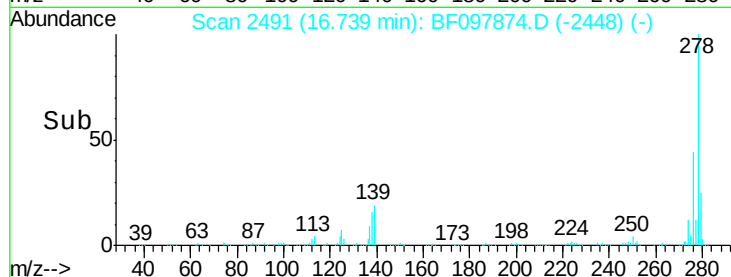
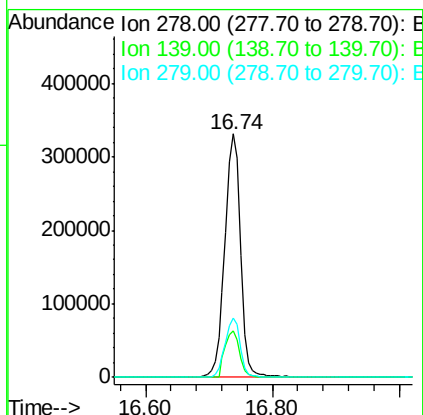
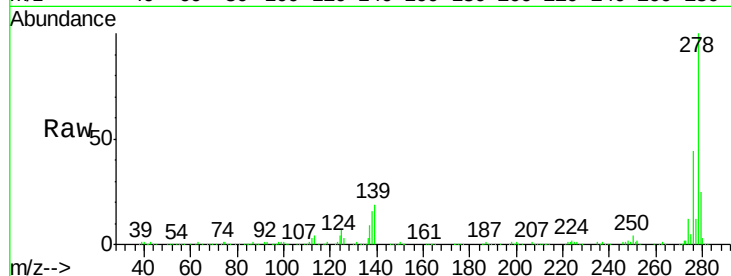


#90
Dibenzo(a,h)anthracene
Concen: 47.18 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Tot Ion:278 Resp: 572781

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.6	24.8
279	24.5	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 46.59 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.05 min
Lab File: BF097874.D
Acq: 19 Aug 2017 13:07

Tgt Ion:276 Resp: 590164

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	24.8	25.4	38.0#

