

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098037.D
 Acq On : 25 Aug 2017 18:24
 Operator : SJ/JU
 Sample : PB101833BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Quant Time: Aug 25 23:20:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	132189	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	533907	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	241908	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	471051	20.00	ng	0.00
75) Chrysene-d12	13.89	240	329569	20.00	ng	0.00
86) Perylene-d12	15.30	264	257935	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1117072	128.54	ng	0.01
7) Phenol-d6	6.39	99	1525751	129.21	ng	0.00
23) Nitrobenzene-d5	7.31	82	951542	96.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	291534	138.90	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1398135	84.91	ng	0.00
78) Terphenyl-d14	12.84	244	1212230	76.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	174838	36.07	ng	90
3) Pyridine	3.21	79	503097	37.55	ng	86
4) n-Nitrosodimethylamine	3.17	42	200404	38.87	ng	# 75
6) Aniline	6.40	93	472469	28.48	ng	# 90
8) 2-Chlorophenol	6.53	128	383360	41.83	ng	96
9) Benzaldehyde	6.29	77	201317	26.92	ng	89
10) Phenol	6.40	94	549100	39.76	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	419394	40.24	ng	93
12) 1,3-Dichlorobenzene	6.68	146	381316	38.68	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	386360	38.53	ng	93
14) 1,2-Dichlorobenzene	6.91	146	356436	38.55	ng	100
15) Benzyl Alcohol	6.89	79	377873	42.74	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	553774	39.49	ng	91
17) 2-Methylphenol	7.00	107	354829	43.93	ng	95
18) Hexachloroethane	7.25	117	158703	40.37	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	310480	38.41	ng	90
20) 3+4-Methylphenols	7.16	107	416406	42.21	ng	96
22) Acetophenone	7.15	105	553700	39.26	ng	# 91
24) Nitrobenzene	7.33	77	489319	44.72	ng	94
25) Isophorone	7.57	82	885332	43.32	ng	97
26) 2-Nitrophenol	7.64	139	198636	49.87	ng	# 75
27) 2,4-Dimethylphenol	7.68	122	364164	42.73	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	546692	40.69	ng	99
29) 2,4-Dichlorophenol	7.89	162	310884	43.94	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	311076	39.66	ng	99
31) Naphthalene	8.05	128	1110781	40.07	ng	100
32) Benzoic acid	7.82	122	209995	35.71	ng	90
33) 4-Chloroaniline	8.09	127	271122	23.19	ng	98
34) Hexachlorobutadiene	8.16	225	177610	38.79	ng	97
35) Caprolactam	8.47	113	67676	28.14	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	384852	42.34	ng	# 82
37) 2-Methylnaphthalene	8.74	142	722820	42.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	282686	38.08	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	327942	91.95	ng	99

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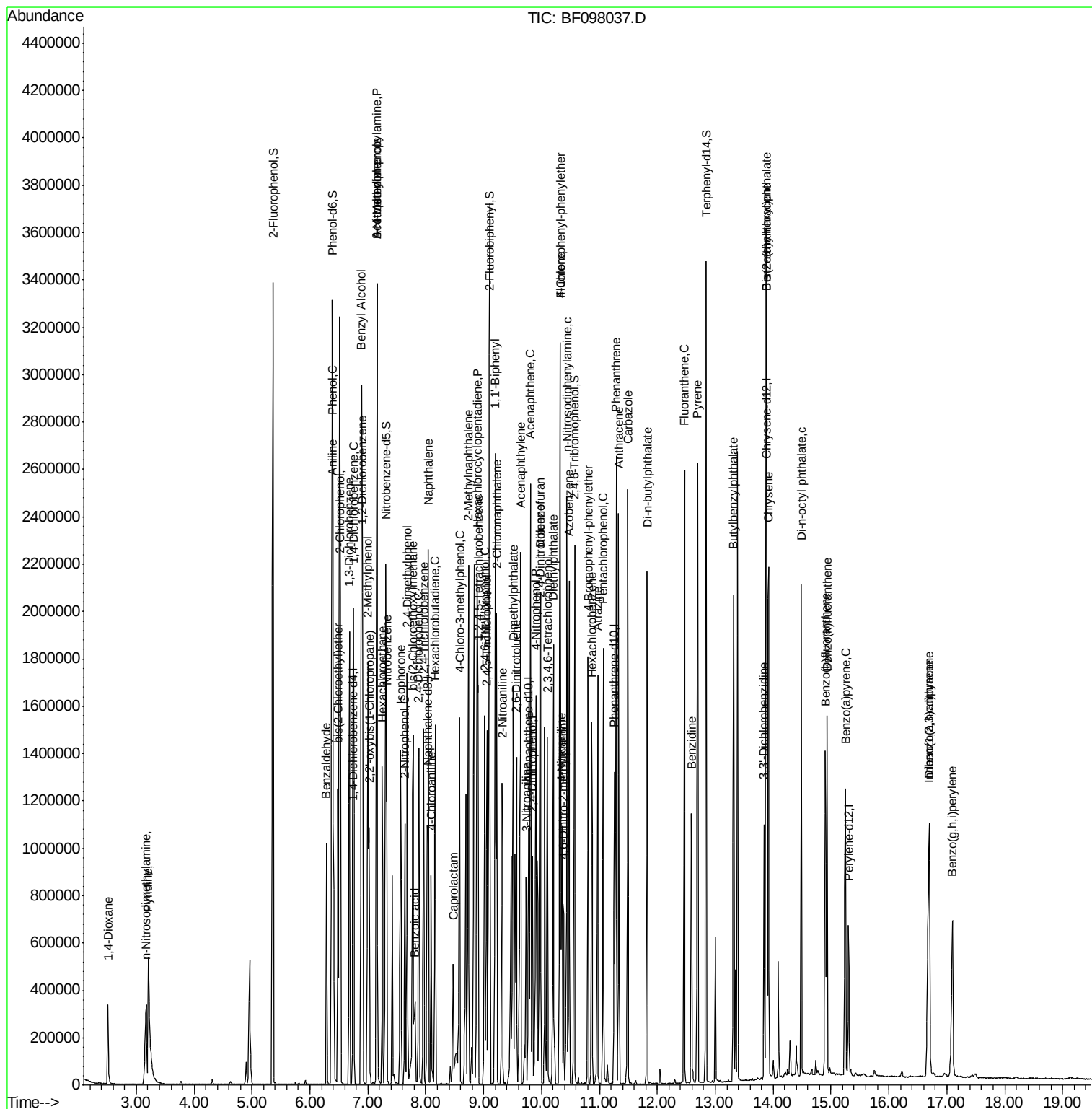
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42) 2,4,6-Trichlorophenol	9.02	196	215527	43.24	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	219654	44.42	nq	96
45) 1,1'-Biphenyl	9.20	154	840902	38.12	nq	97
46) 2-Chloronaphthalene	9.23	162	627341	38.49	nq	93
47) 2-Nitroaniline	9.32	65	258881	47.38	nq	94
48) Acenaphthylene	9.64	152	1036939	40.51	nq	100
49) Dimethylphthalate	9.51	163	754721	42.68	nq	99
50) 2,6-Dinitrotoluene	9.57	165	164205	46.52	nq	# 66
51) Acenaphthene	9.81	154	610047	37.79	nq	99
52) 3-Nitroaniline	9.73	138	127854	28.08	nq	87
53) 2,4-Dinitrophenol	9.85	184	117900	71.46	nq	# 72
54) Dibenzofuran	9.99	168	912003	42.15	nq	98
55) 4-Nitrophenol	9.90	139	302518	83.28	nq	# 40
56) 2,4-Dinitrotoluene	9.97	165	219259	49.50	nq	# 48
57) Fluorene	10.33	166	675455	40.38	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	182458	47.66	nq	94
59) Diethylphthalate	10.20	149	761261	41.17	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	312667	40.24	nq	90
61) 4-Nitroaniline	10.35	138	188473	43.55	nq	# 69
62) Azobenzene	10.48	77	926924	42.20	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	90969	42.20	nq	# 72
65) n-Nitrosodiphenylamine	10.44	169	634903	39.58	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	197095	40.29	nq	99
67) Hexachlorobenzene	10.87	284	193071	38.72	nq	# 83
68) Atrazine	10.97	200	189819	44.62	nq	98
69) Pentachlorophenol	11.07	266	210303	72.34	nq	100
70) Phenanthrene	11.29	178	1007197	40.13	nq	99
71) Anthracene	11.34	178	1041325	40.90	nq	99
72) Carbazole	11.49	167	992976	41.09	nq	98
73) Di-n-butylphthalate	11.82	149	1169325	42.01	nq	99
74) Fluoranthene	12.47	202	1070429	40.86	nq	99
76) Benzidine	12.59	184	437020	40.44	nq	# 92
77) Pyrene	12.70	202	1097758	40.73	nq	99
79) Butylbenzylphthalate	13.32	149	494851	47.88	nq	# 78
80) Benzo(a)anthracene	13.88	228	770537	39.01	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	190735	28.62	nq	# 96
82) Chrysene	13.92	228	779966	39.69	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	553364	48.32	nq	# 98
84) Di-n-octyl phthalate	14.49	149	989430	49.66	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	654450	45.28	nq	94
87) Benzo(b)fluoranthene	14.90	252	663564	40.81	nq	98
88) Benzo(k)fluoranthene	14.93	252	620933	40.65	nq	# 93
89) Benzo(a)pyrene	15.25	252	623379	43.31	nq	97
90) Dibenzo(a,h)anthracene	16.70	278	528469	45.10	nq	98
91) Benzo(g,h,i)perylene	17.10	276	563501	46.09	nq	# 93

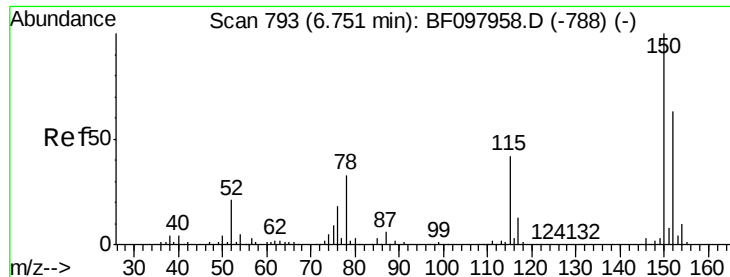
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ALS Vial  : 7      Sample Multiplier: 1
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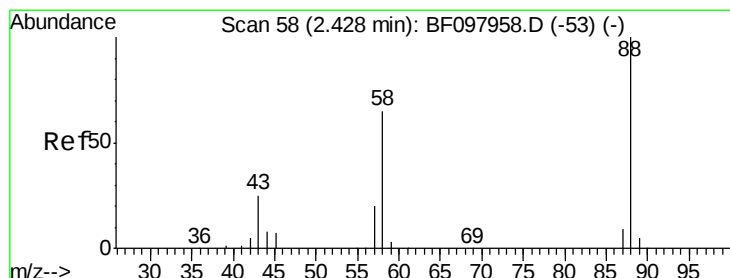
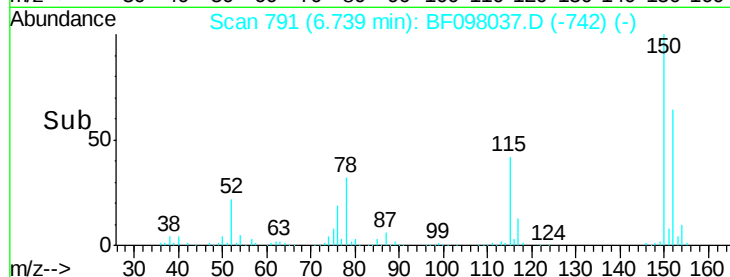
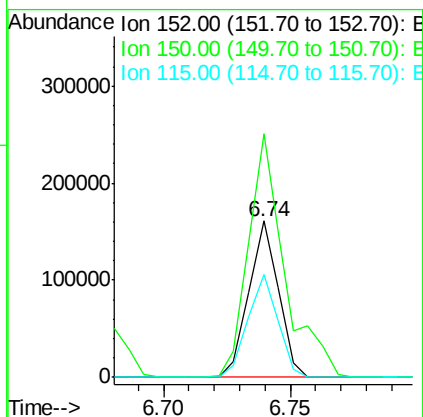
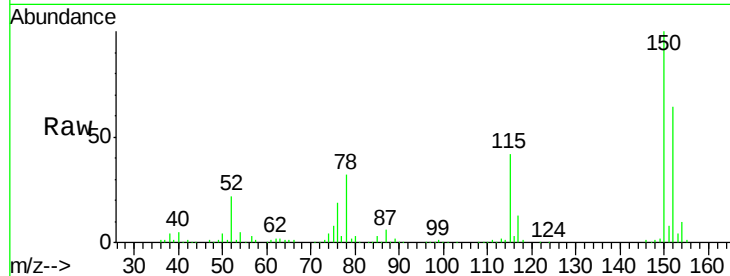


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

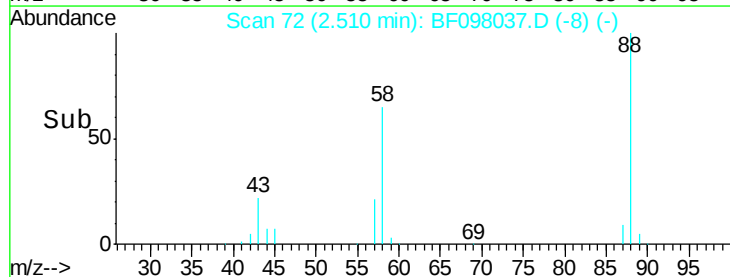
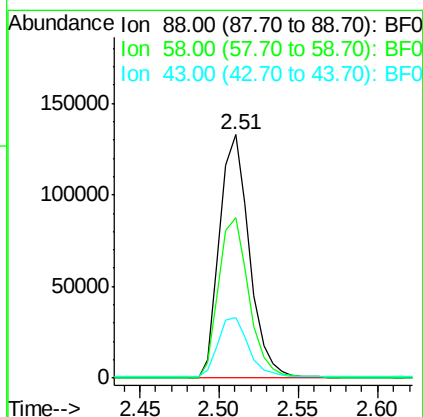
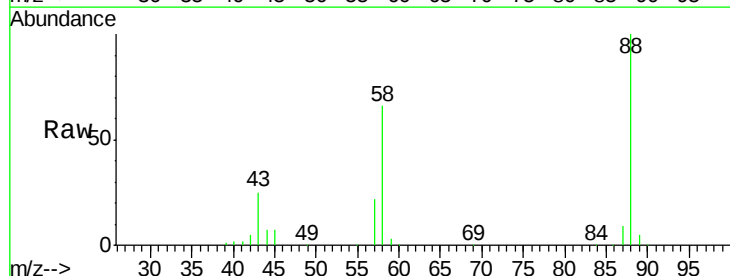
Tot Ion:152 Resp: 132189
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 65.8 52.2 78.2

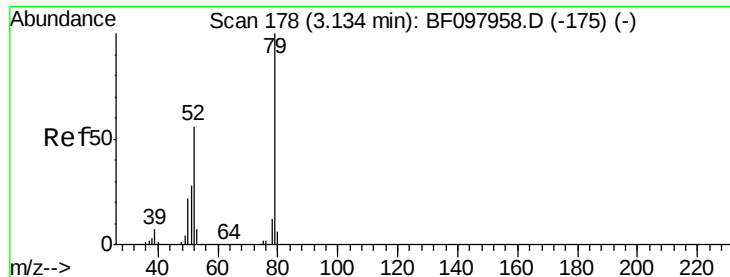


#2

1,4-Dioxane
Concen: 36.07 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion: 88 Resp: 174838
Ion Ratio Lower Upper
88 100
58 67.2 61.4 92.0
43 24.6 23.4 35.0

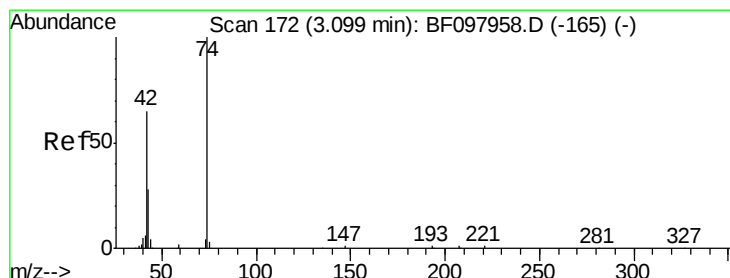
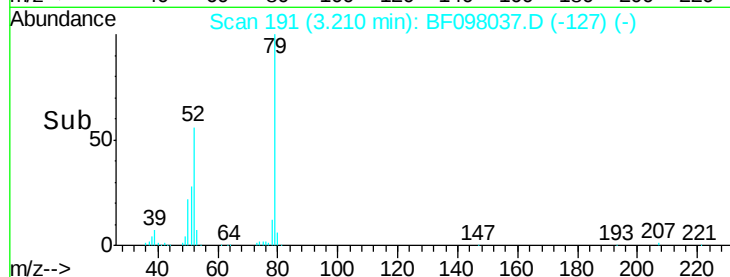
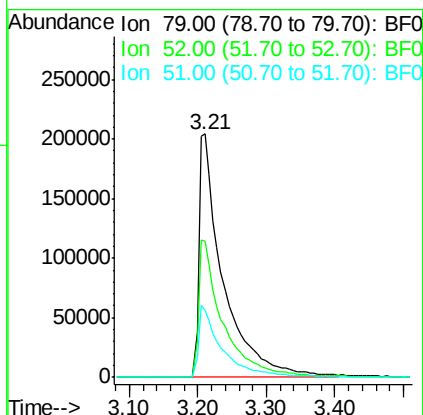
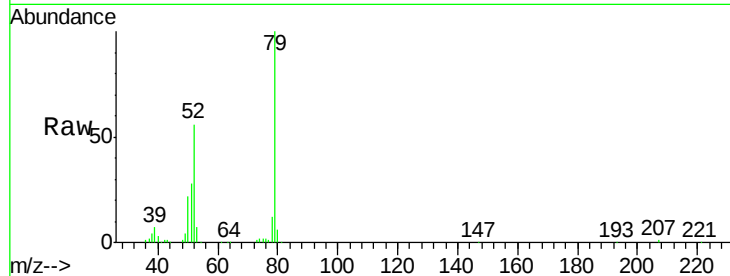




#3
 Pvridine
 Concen: 37.55 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.08 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

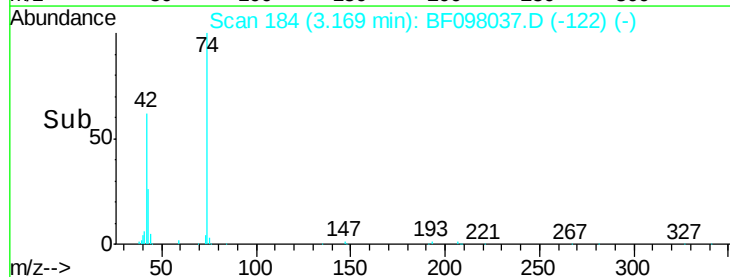
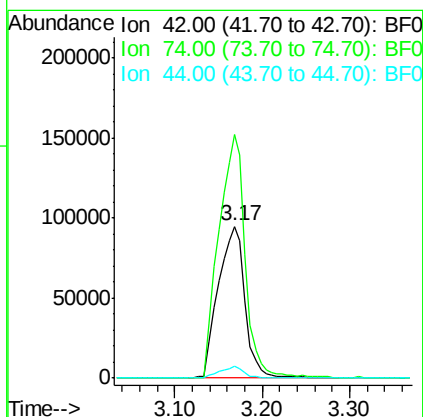
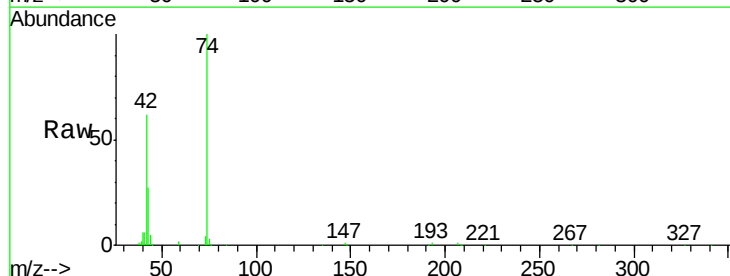
Instrument :
 BNA_F
 ClientSampled :
 PB101833BS

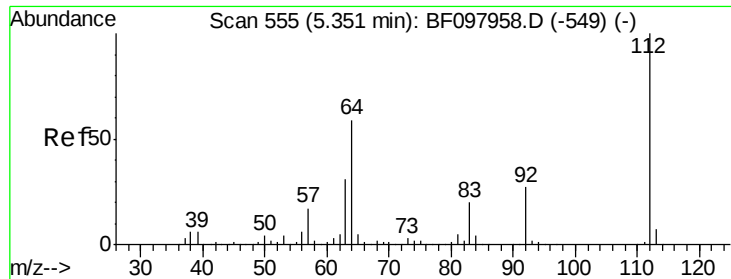
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.1	54.8	82.2
51	27.7	27.0	40.4



#4
 n-Nitrosodimethylamine
 Concen: 38.87 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.06 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.5	103.9	155.9#
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 128.54 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

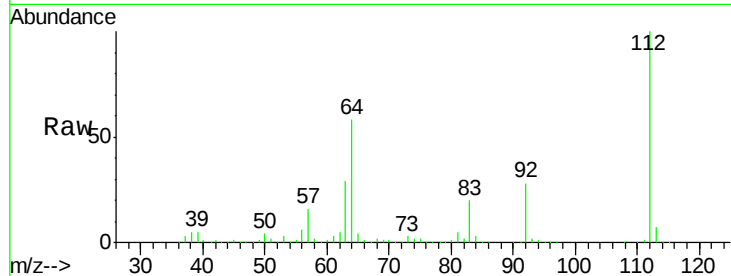
Tot Ion:112 Resp: 1117072

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

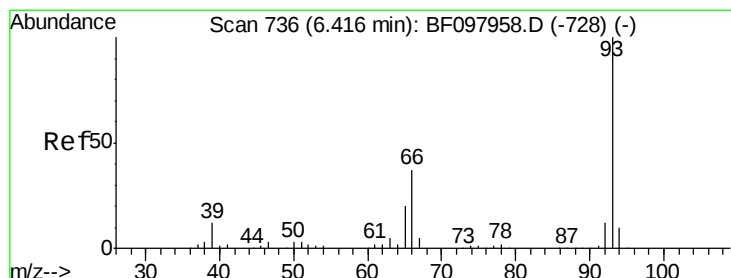
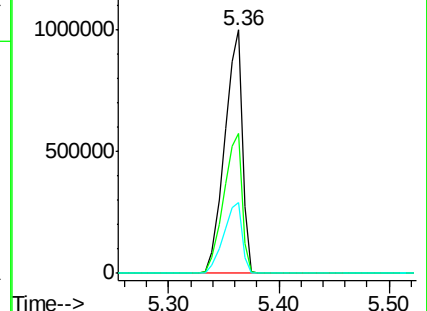
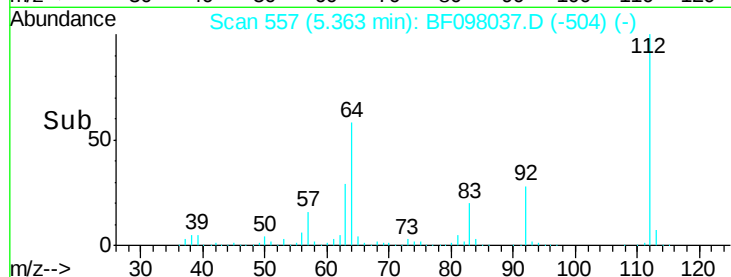
63 29.3 23.4 35.0



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: 28.48 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

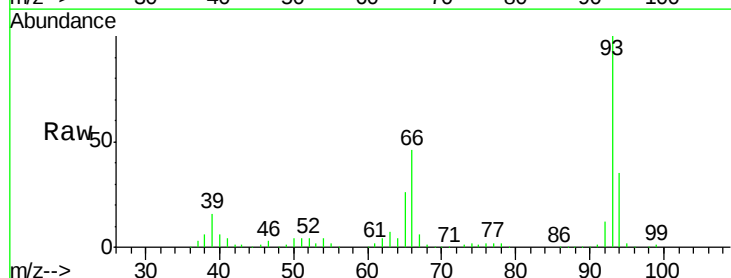
Tgt Ion: 93 Resp: 472469

Ion Ratio Lower Upper

93 100

66 46.3 32.9 49.3

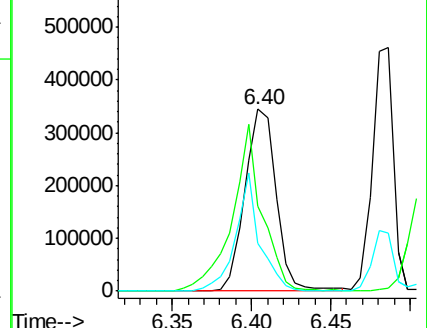
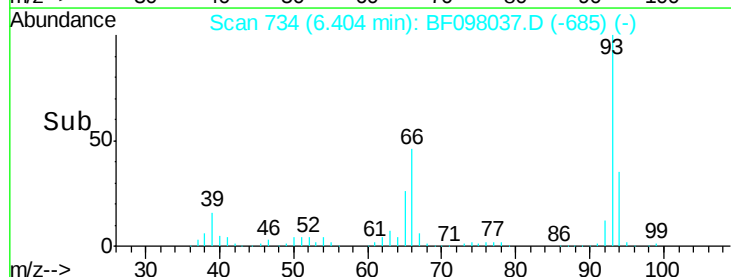
65 25.9 16.0 24.0#

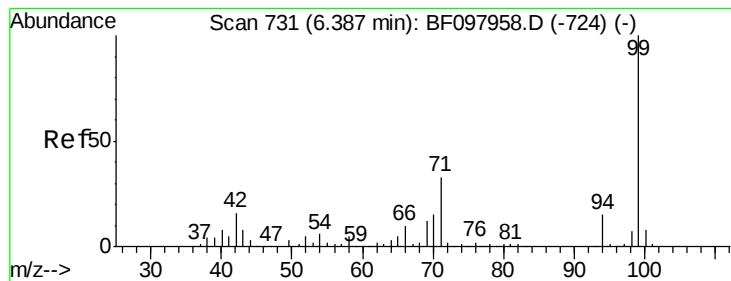


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.21 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

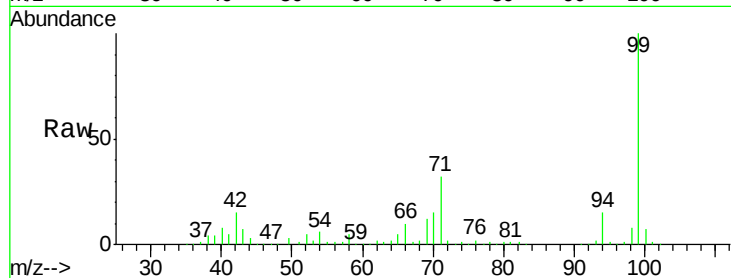
BNA_F

ClientSampled :

PB101833BS

Tot Ion: 99 Resp: 1525751

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	32.0	24.5	36.7

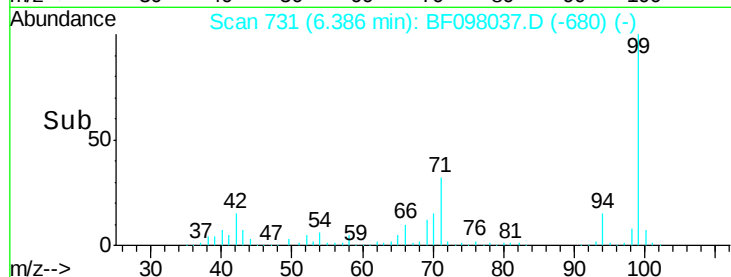


Abundance

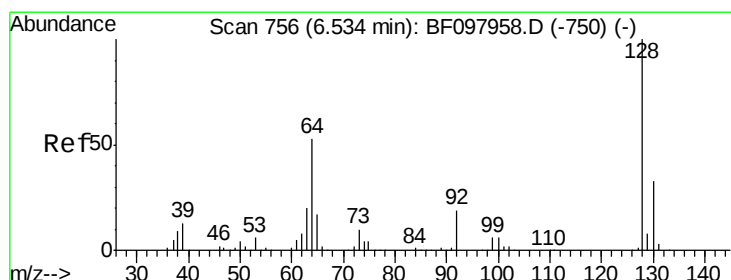
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 41.83 ng

RT: 6.53 min Scan# 755

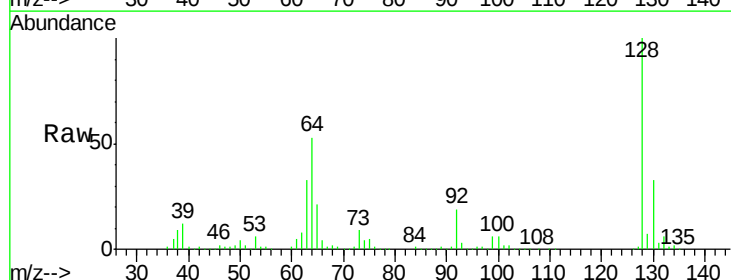
Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion: 128 Resp: 383360

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	52.8	28.4	68.4

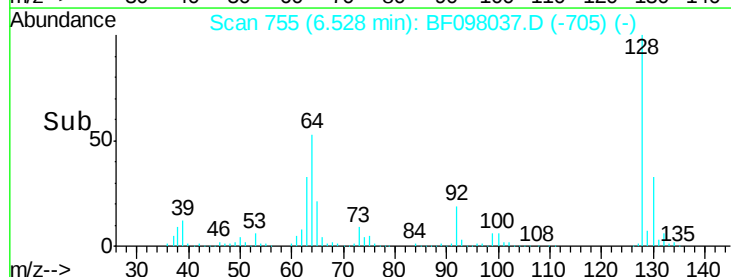


Abundance

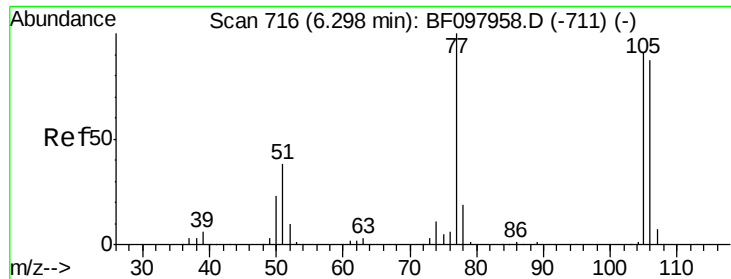
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 26.92 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

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BNA_F

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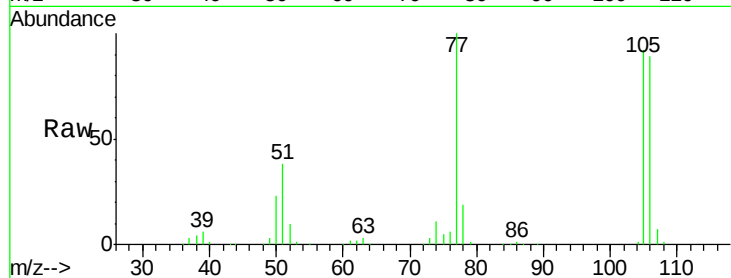
Tot Ion: 77 Resp: 201317

Ion Ratio Lower Upper

77 100

105 92.0 83.8 123.8

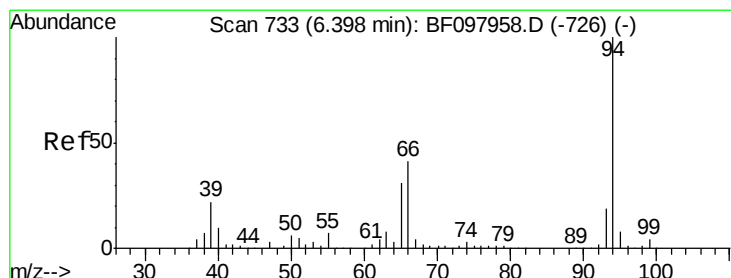
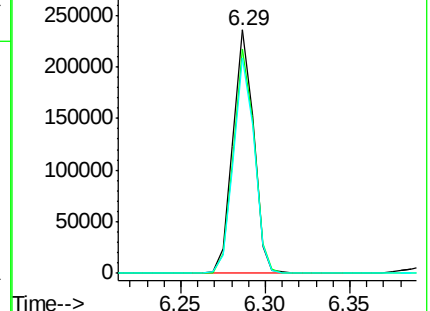
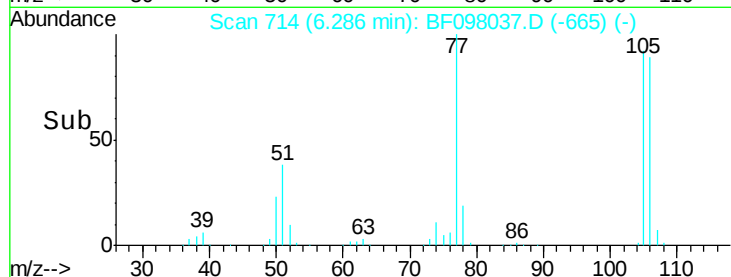
106 88.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.76 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF098037.D

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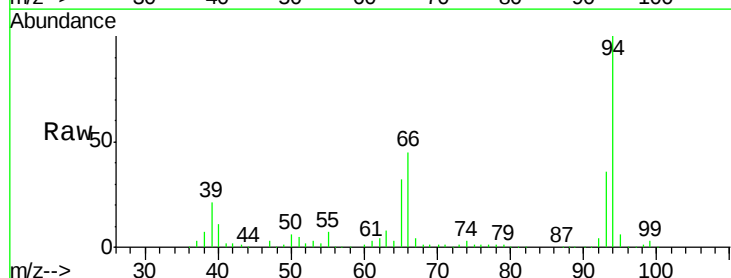
Tgt Ion: 94 Resp: 549100

Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

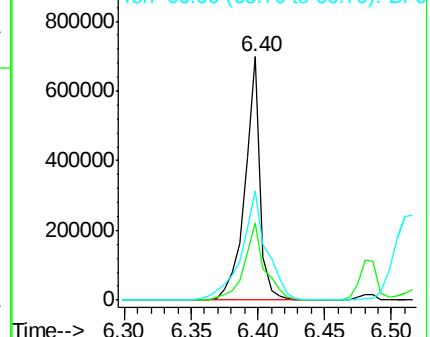
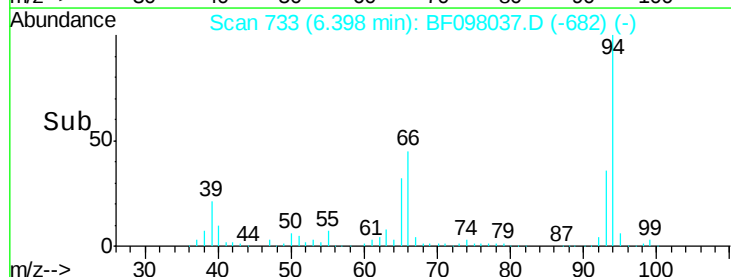
66 45.0 23.1 63.1

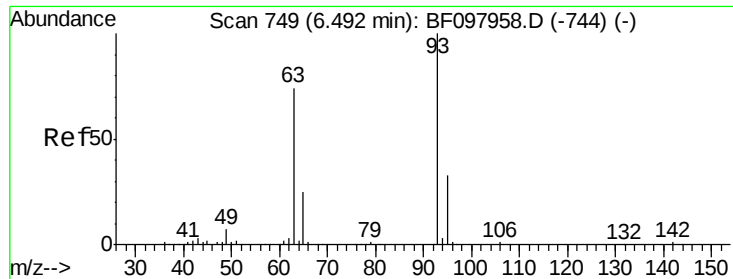


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

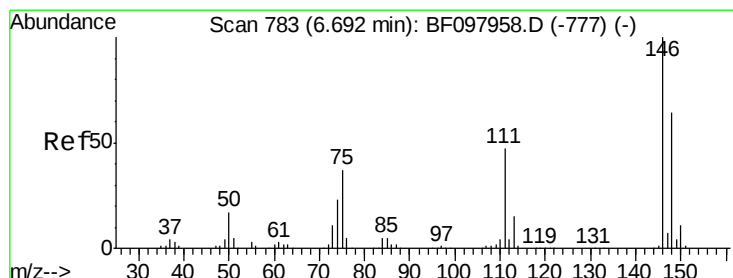
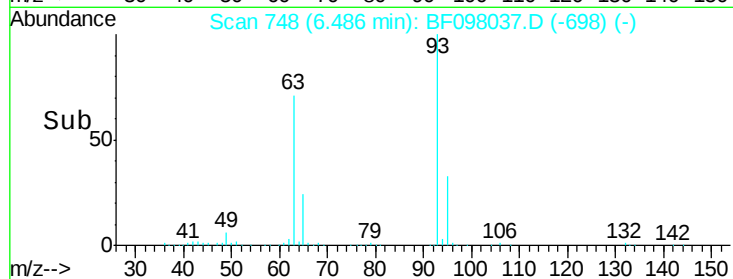
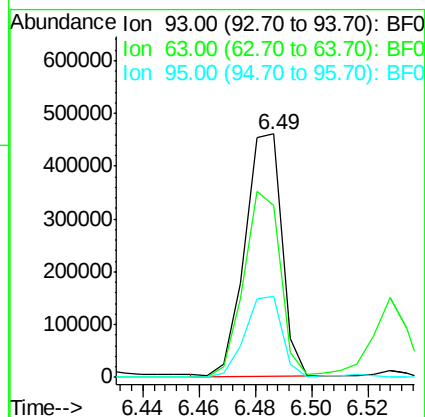
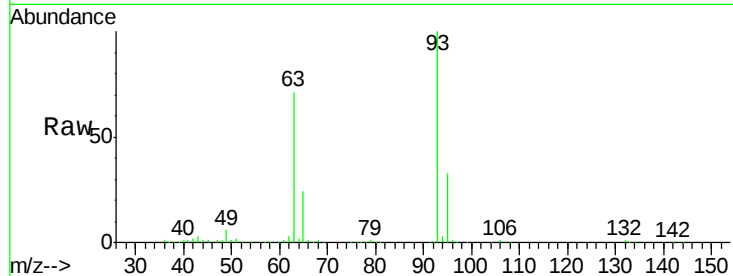




#11
bis(2-Chloroethyl)ether
Concen: 40.24 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

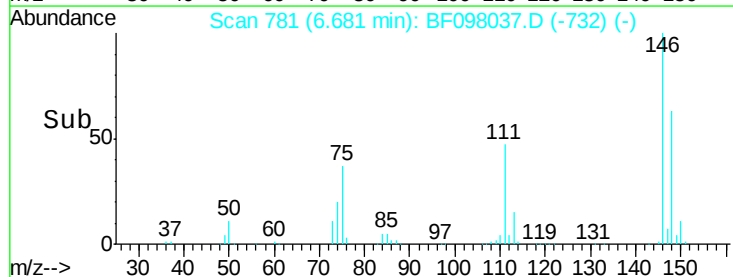
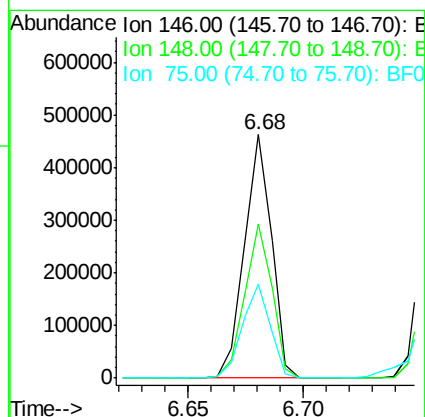
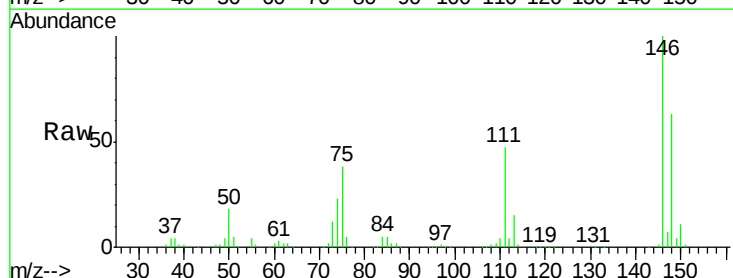
Instrument :
BNA_F
ClientSampleId :
PB101833BS

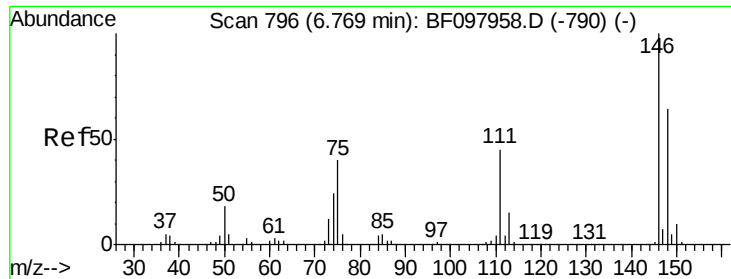
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	59.2	99.2
95	33.3	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 38.68 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	38.5	23.1	34.7

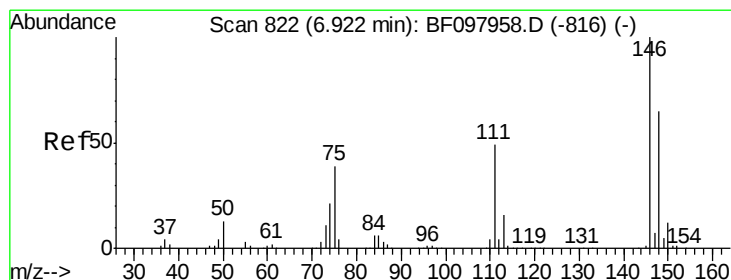
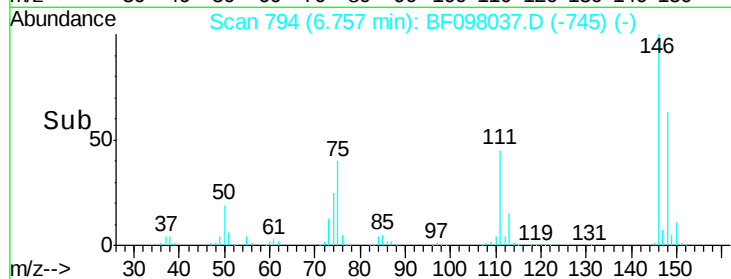
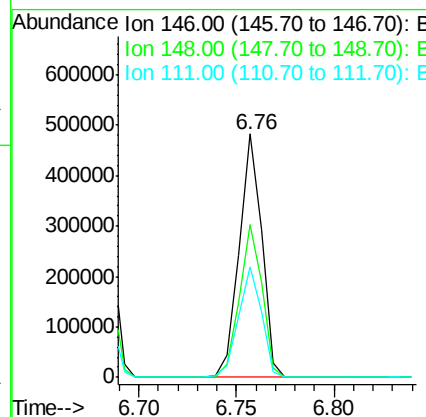
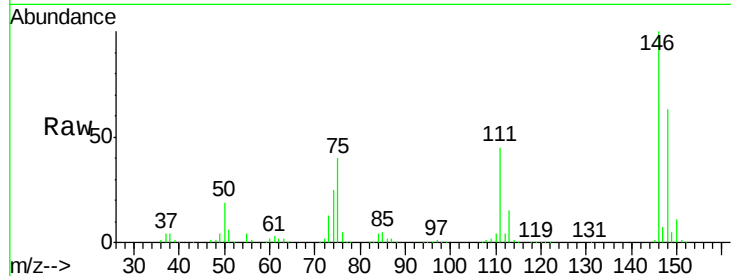




#13
 1,4-Dichlorobenzene
 Concen: 38.53 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

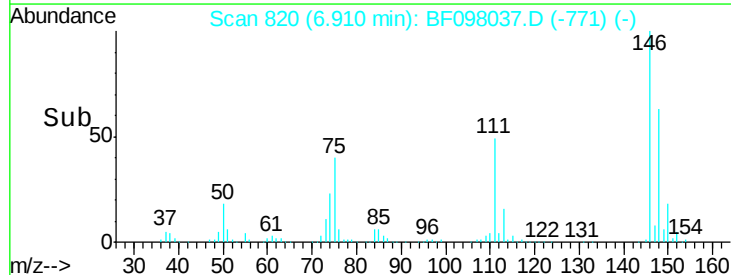
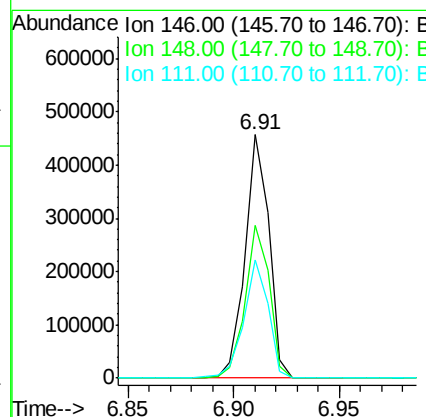
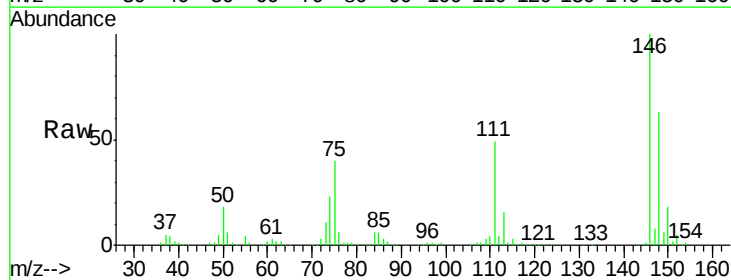
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

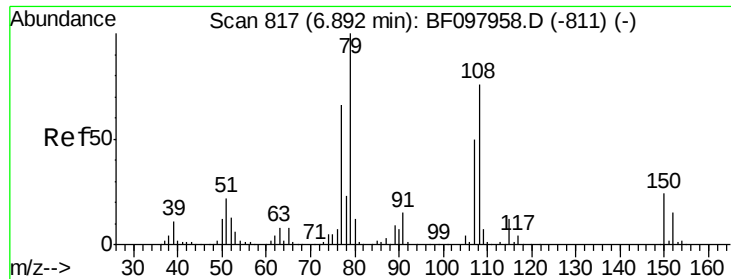
Tot Ion:146 Resp: 386360
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 45.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.55 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:146 Resp: 356436
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 48.5 38.2 57.4

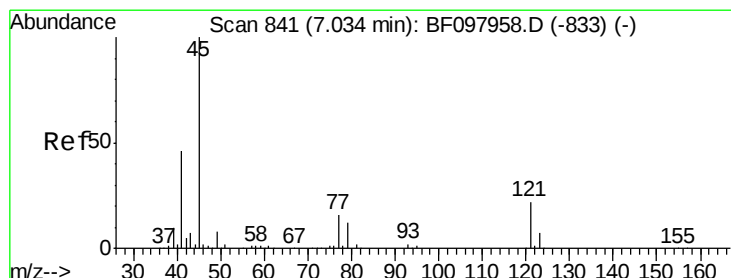
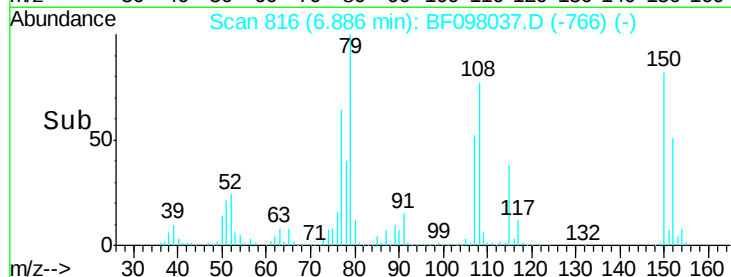
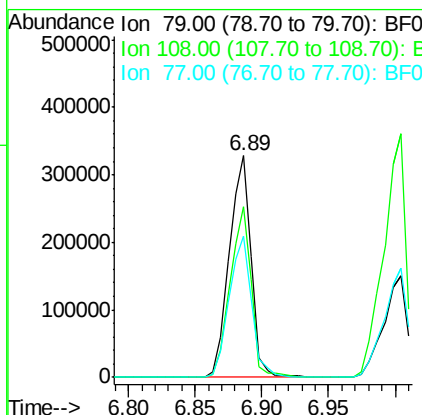
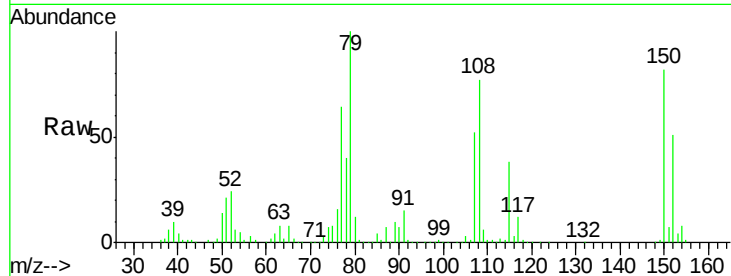




#15
Benzyl Alcohol
Concen: 42.74 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

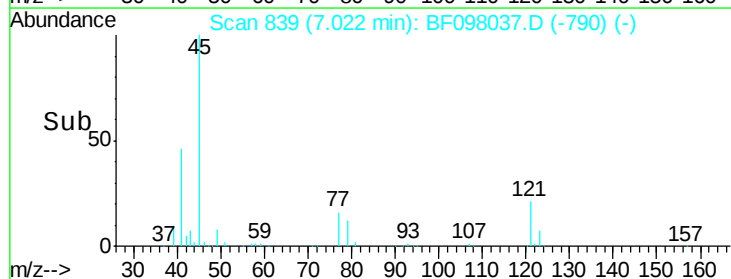
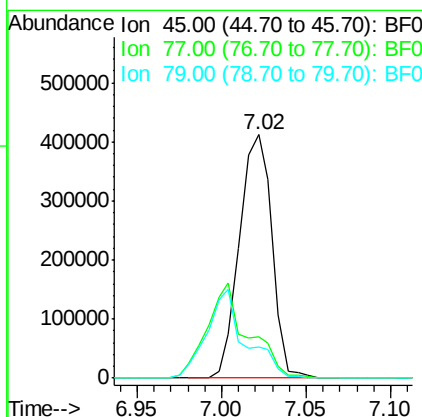
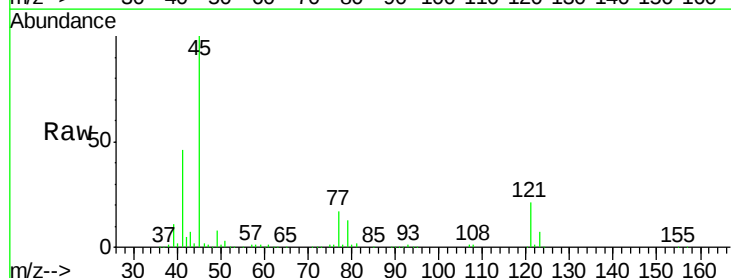
Instrument :
BNA_F
ClientSampleID :
PB101833BS

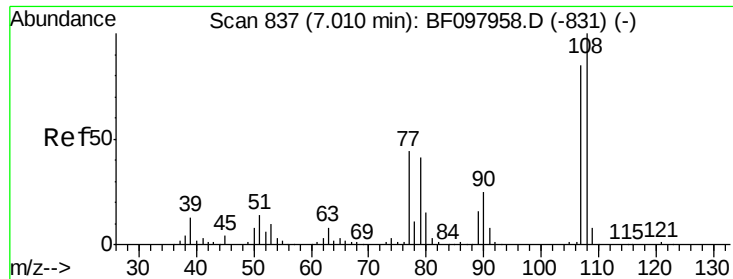
Tot Ion: 79 Resp: 377873
Ion Ratio Lower Upper
79 100
108 76.8 63.4 95.0
77 63.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.49 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion: 45 Resp: 553774
Ion Ratio Lower Upper
45 100
77 17.3 0.0 33.2
79 12.8 0.0 30.0

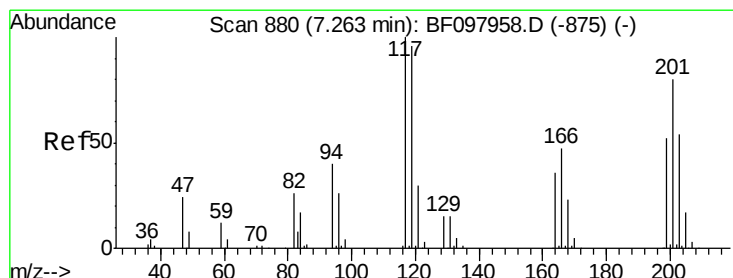
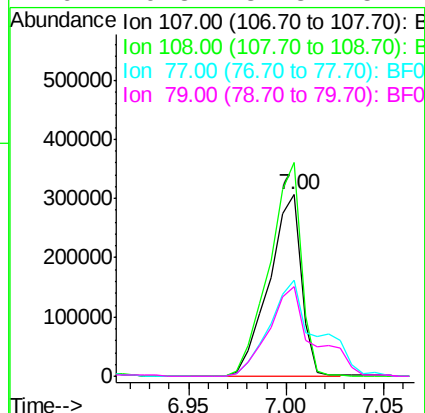
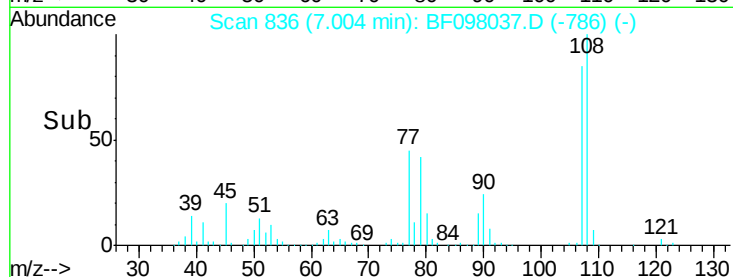
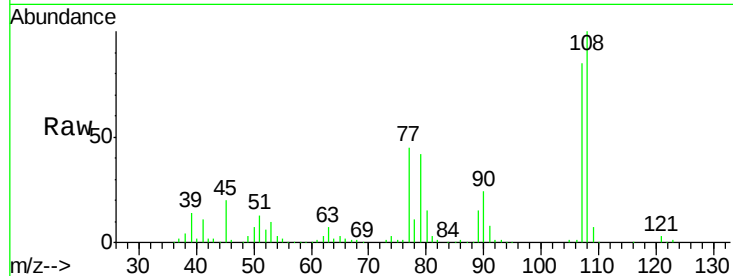




#17
2-Methylphenol
Concen: 43.93 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

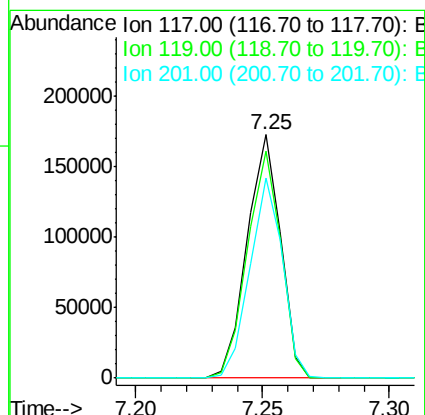
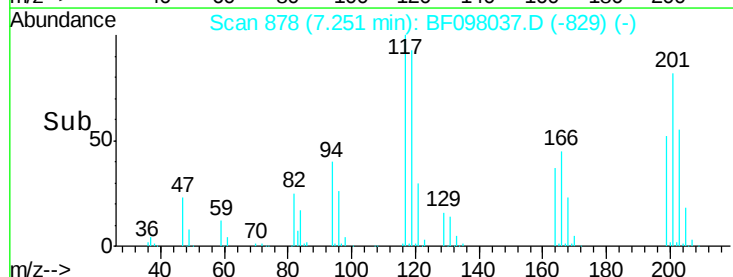
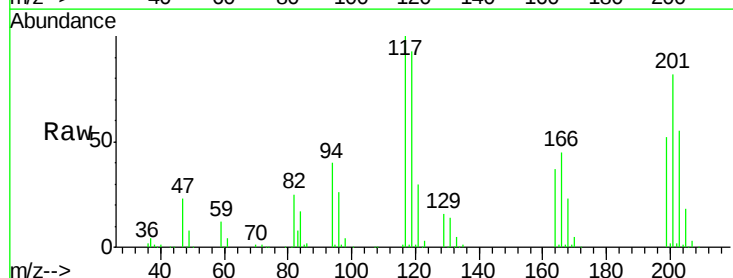
Instrument :
BNA_F
ClientSampleId :
PB101833BS

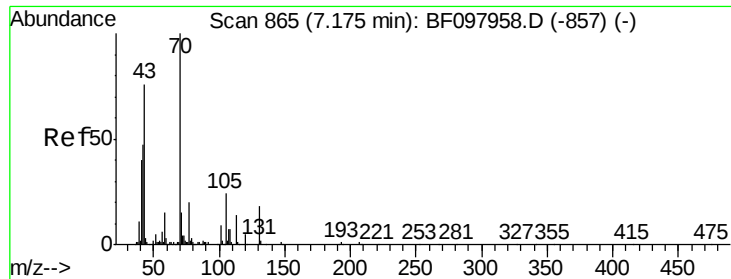
Tot Ion:	107	Resp:	354829
Ion	Ratio	Lower	Upper
107	100		
108	117.9	93.4	140.0
77	52.8	35.8	53.6
79	49.3	34.8	52.2



#18
Hexachloroethane
Concen: 40.37 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:	117	Resp:	158703
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
201	82.0	94.6	141.8#

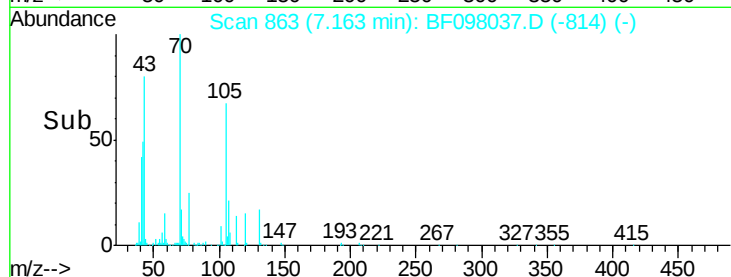
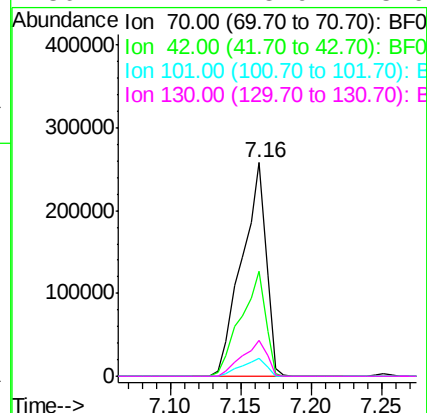
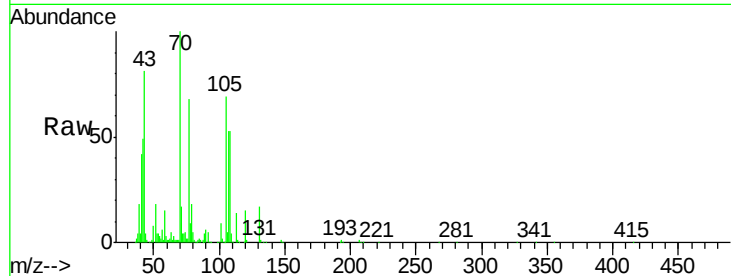




#19
n-Nitroso-di-n-propylamine
Concen: 38.41 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

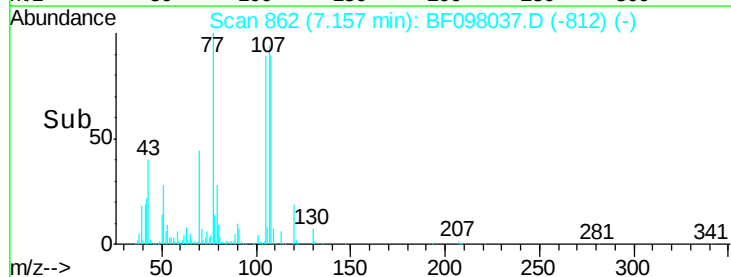
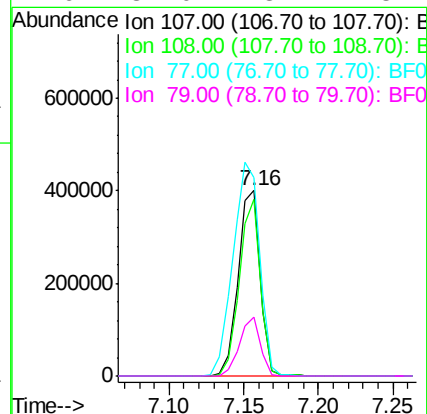
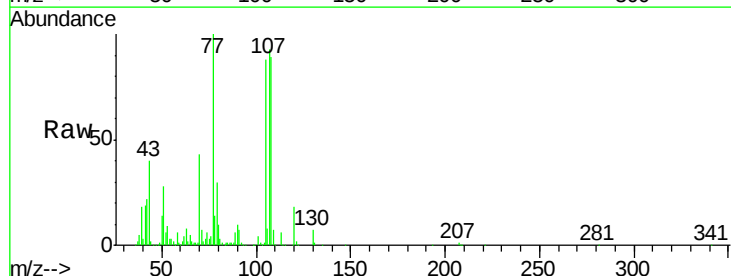
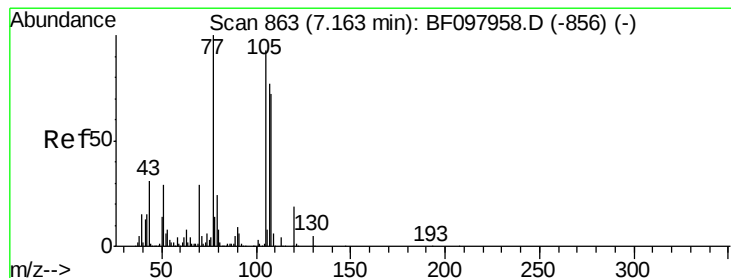
Instrument :
BNA_F
ClientSampleId :
PB101833BS

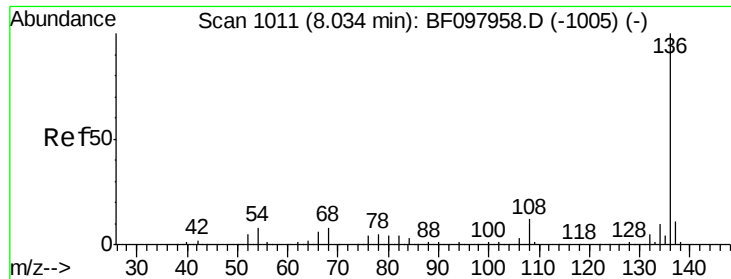
Tot Ion:	70	Resp:	310480
Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.2	70.8
101	8.7	7.2	10.8
130	17.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.21 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:	107	Resp:	416406
Ion	Ratio	Lower	Upper
107	100		
108	95.3	71.0	111.0
77	107.2	90.5	130.5
79	32.0	8.4	48.4

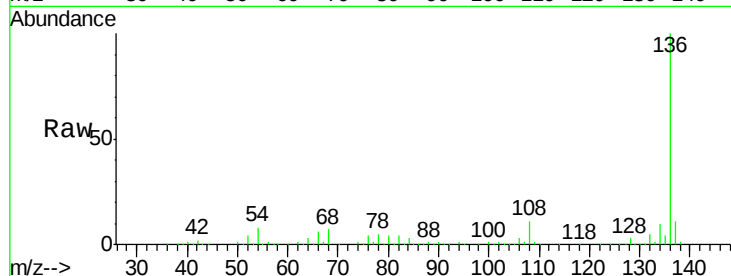




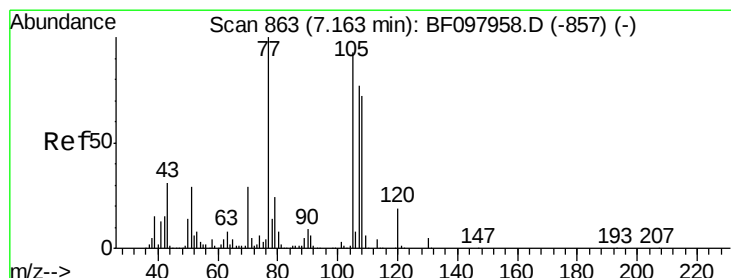
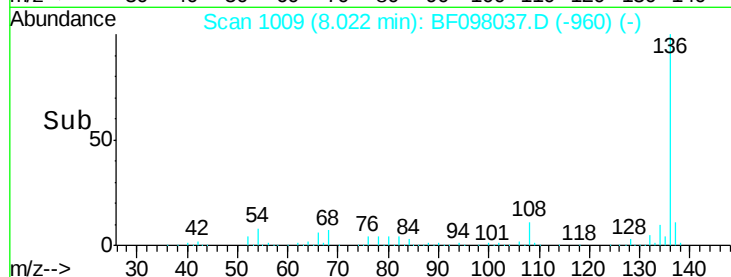
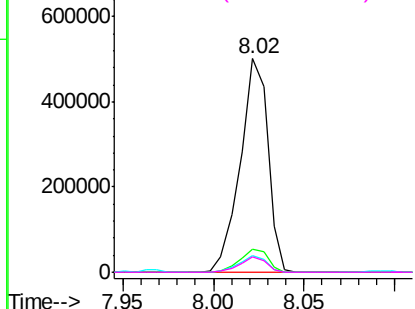
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion:136	Resp:	533907
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.7	4.9 7.3#
68	7.0	4.1 6.1#

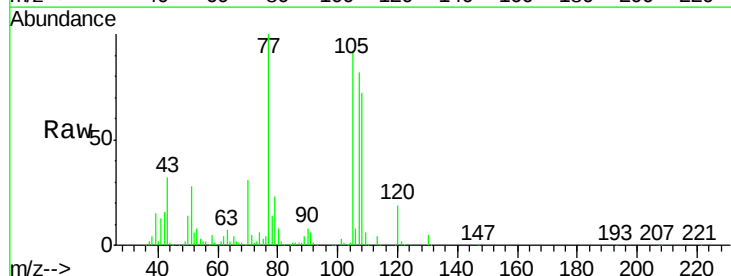


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

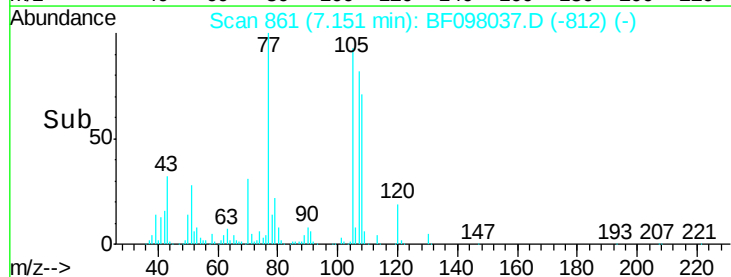
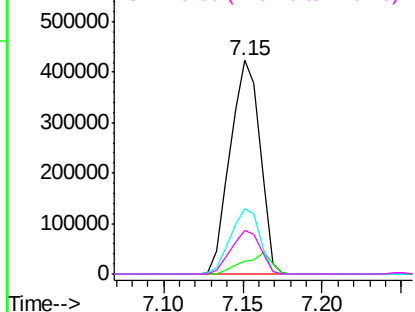


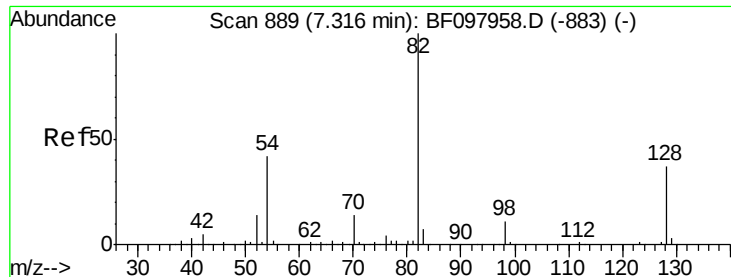
#22
Acetophenone
Concen: 39.26 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:105	Resp:	553700
Ion Ratio	Lower	Upper
105	100	
71	5.8	2.8 4.2#
51	30.9	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

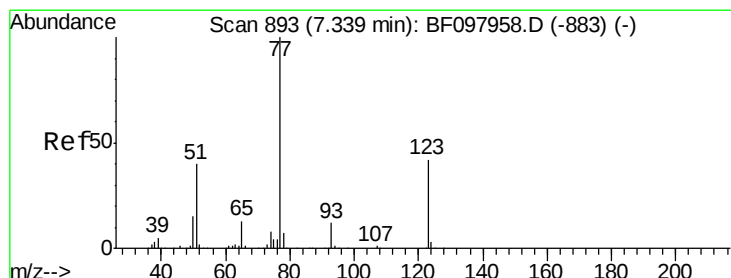
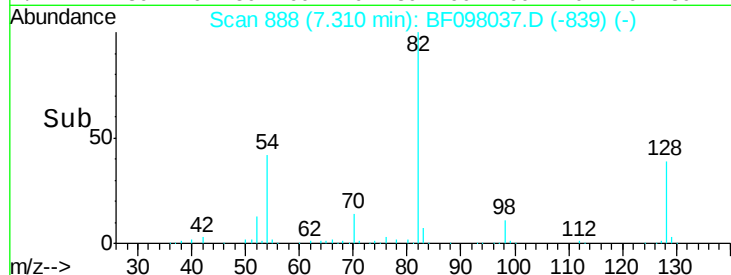
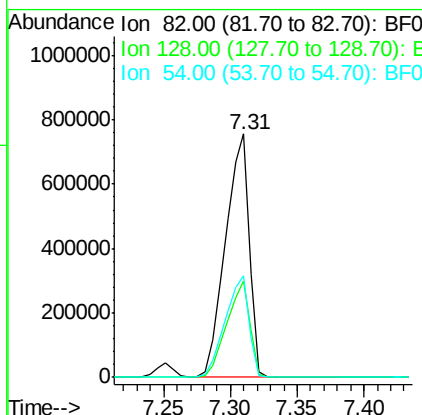
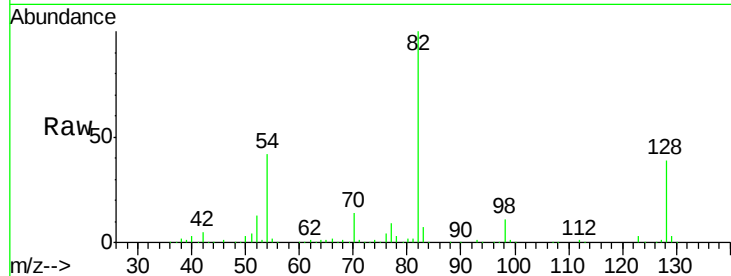




#23
 Nitrobenzene-d5
 Concen: 96.82 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

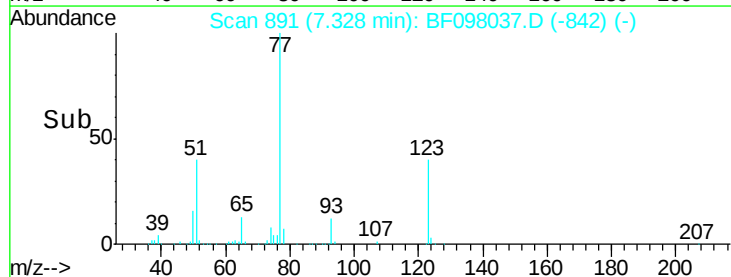
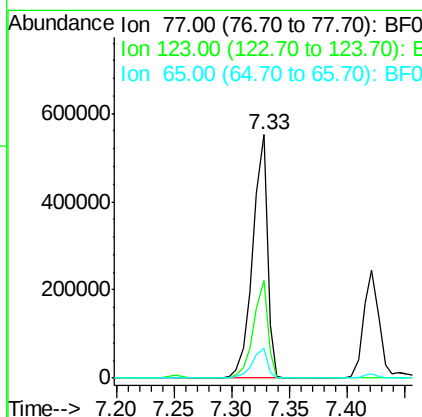
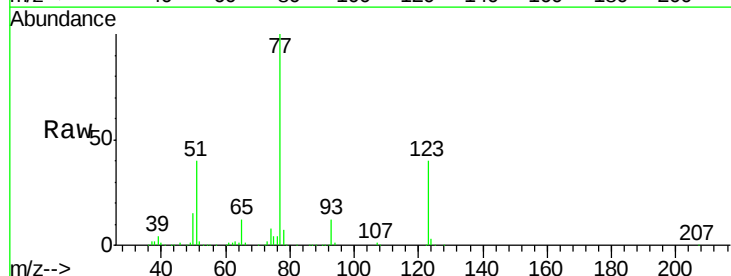
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

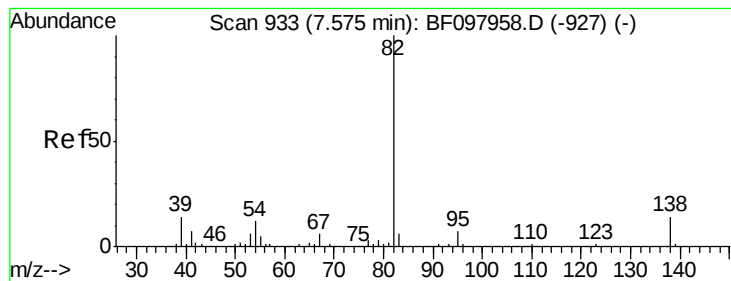
Tot Ion: 82 Resp: 951542
 Ion Ratio Lower Upper
 82 100
 128 39.5 34.0 51.0
 54 41.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 44.72 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion: 77 Resp: 489319
 Ion Ratio Lower Upper
 77 100
 123 40.2 35.8 53.8
 65 12.5 10.6 15.8





#25

Isophorone

Concen: 43.32 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

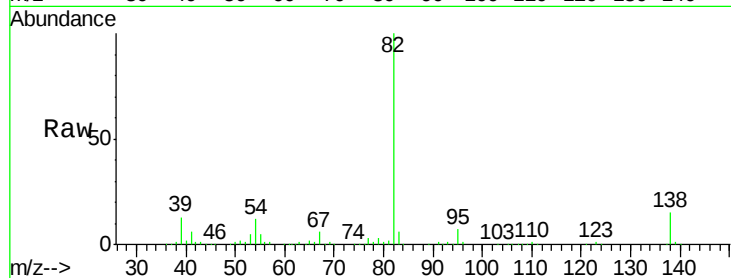
Tot Ion: 82 Resp: 885332

Ion Ratio Lower Upper

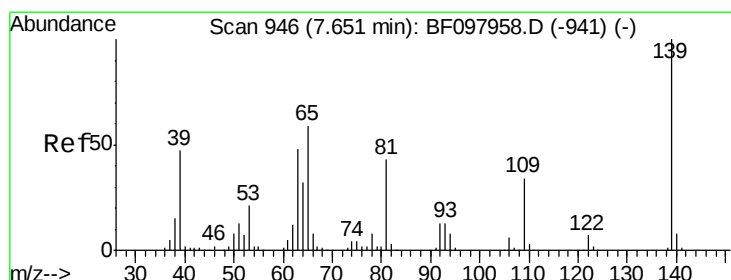
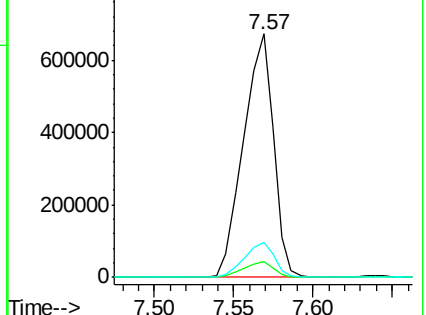
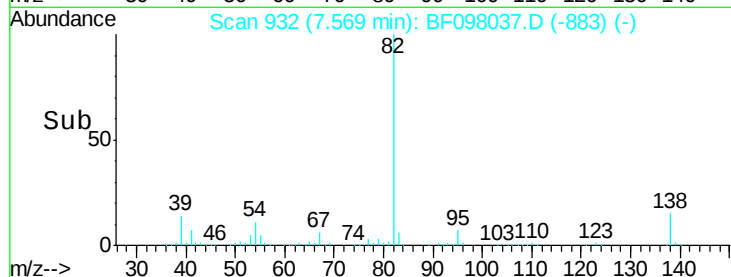
82 100

95 6.6 5.3 7.9

138 14.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.87 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

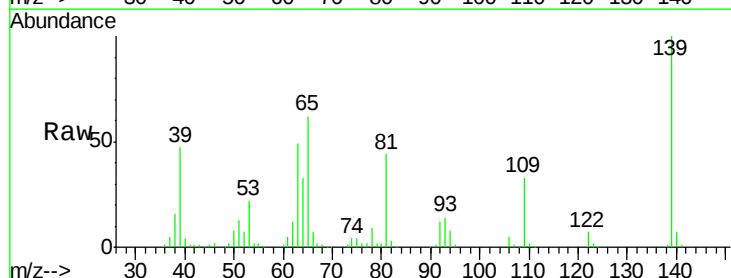
Tgt Ion: 139 Resp: 198636

Ion Ratio Lower Upper

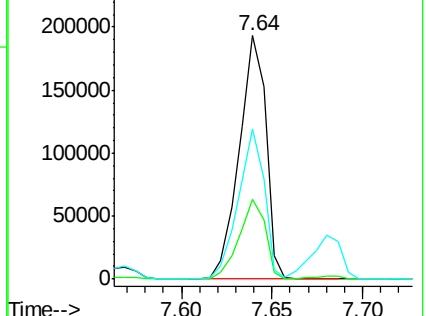
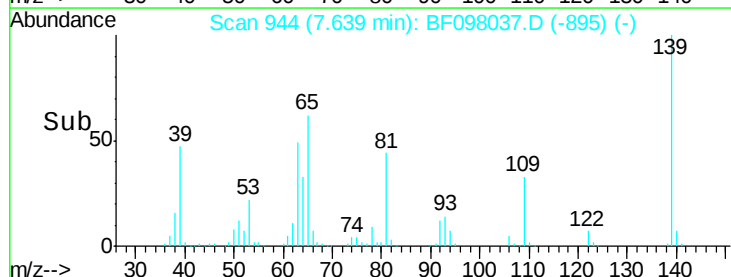
139 100

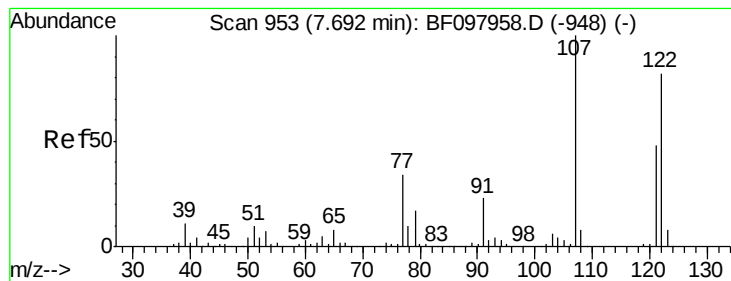
109 32.9 21.0 31.6#

65 61.8 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 42.73 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

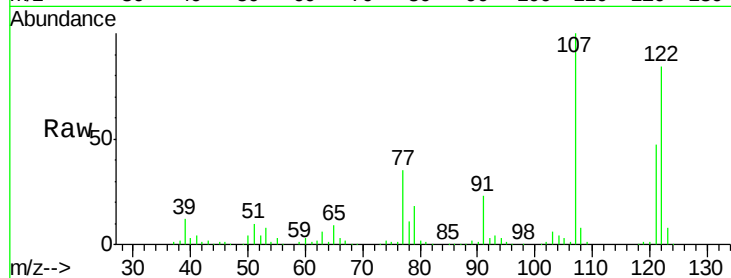
Tot Ion:122 Resp: 364164

Ion Ratio Lower Upper

122 100

107 119.3 89.2 133.8

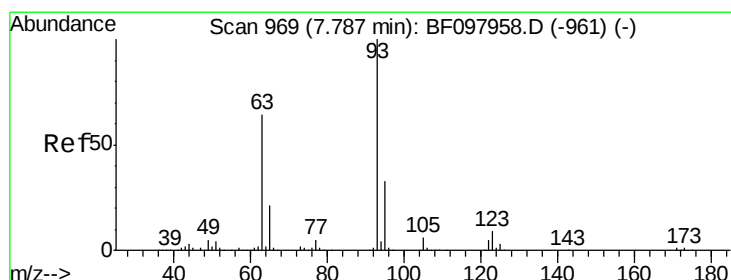
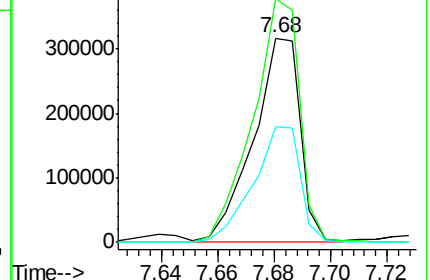
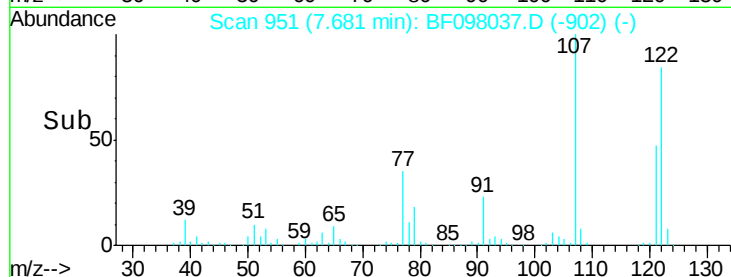
121 56.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.69 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

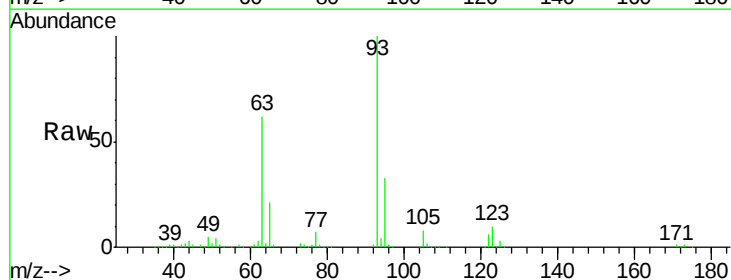
Tgt Ion: 93 Resp: 546692

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

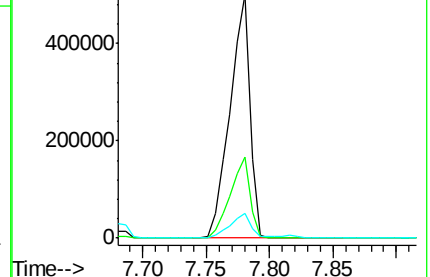
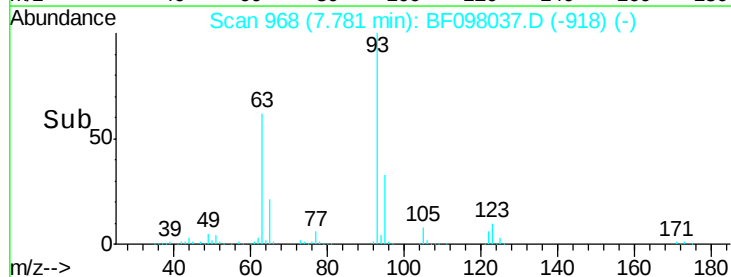
123 10.3 9.0 13.4

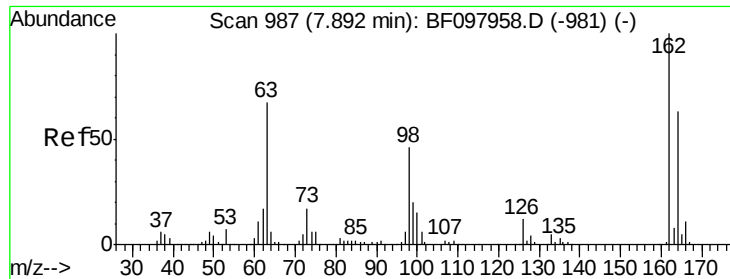


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

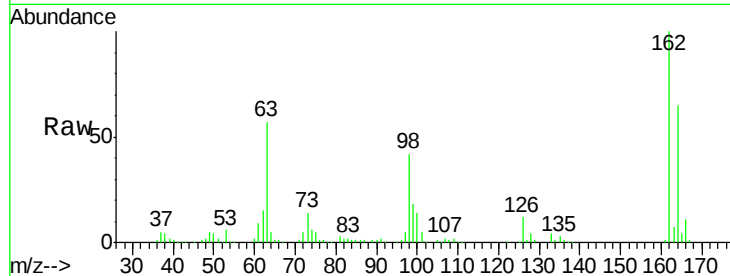




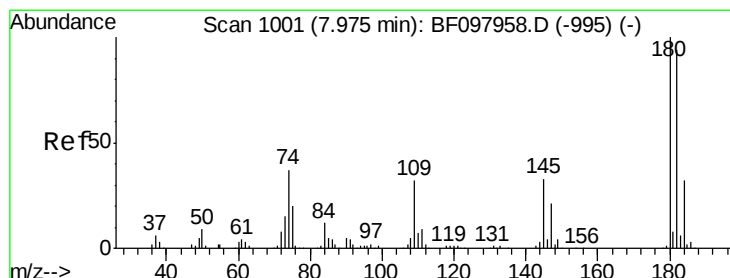
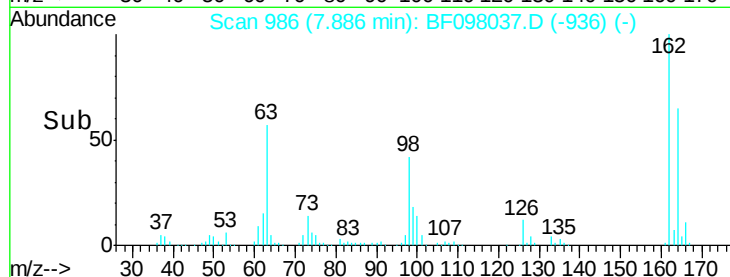
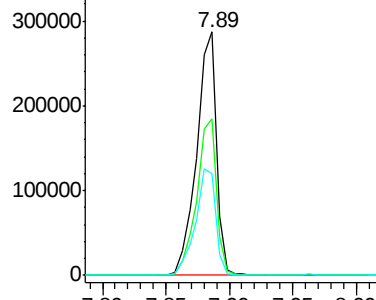
#29
 2,4-Dichlorophenol
 Concen: 43.94 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	41.7	14.8	54.8

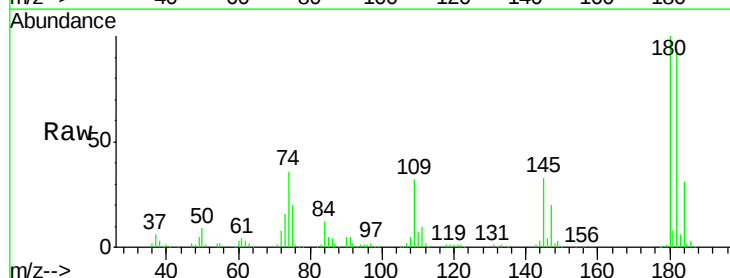


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

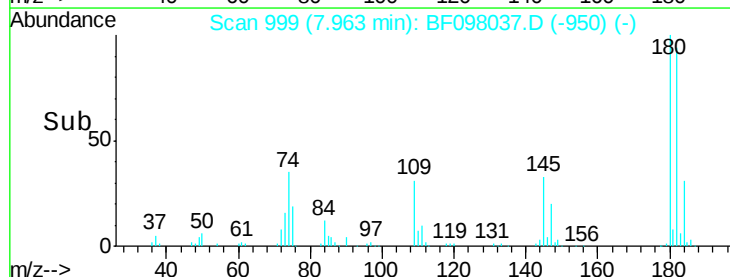
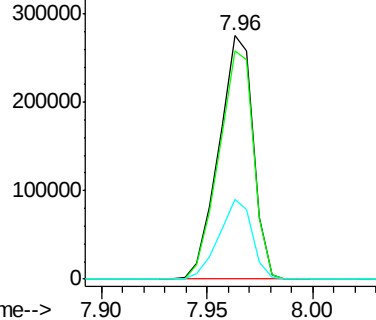


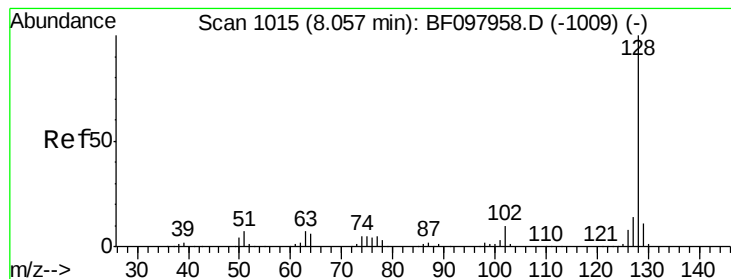
#30
 1,2,4-Trichlorobenzene
 Concen: 39.66 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	32.8	25.3	37.9



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





#31

Naphthalene

Concen: 40.07 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

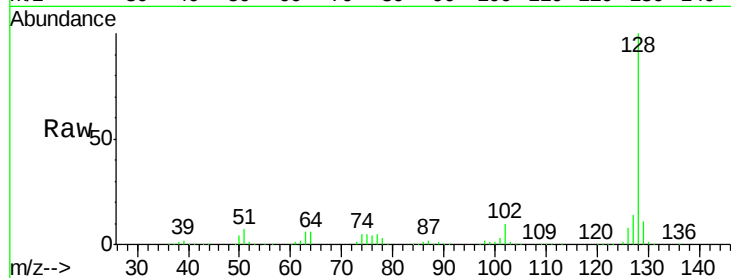
Tot Ion:128 Resp: 1110781

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

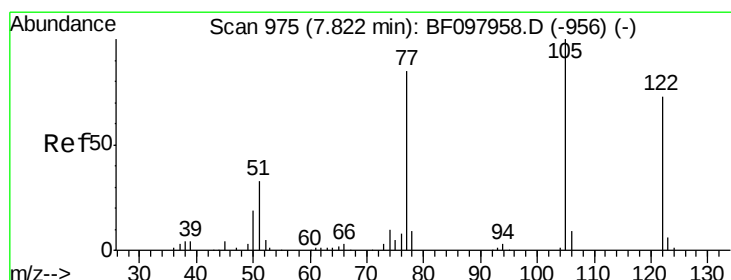
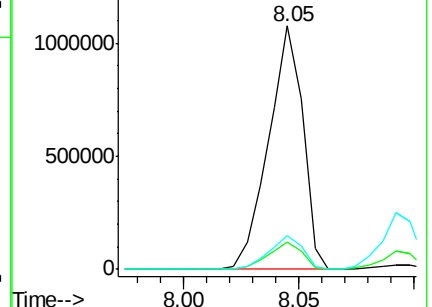
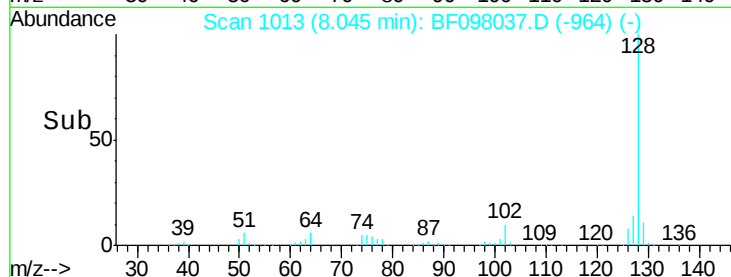
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.71 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

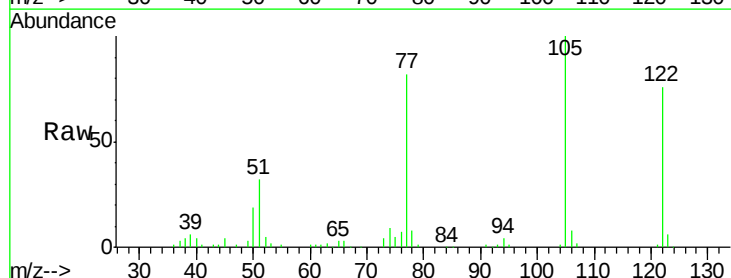
Tgt Ion:122 Resp: 209995

Ion Ratio Lower Upper

122 100

105 130.8 103.3 143.3

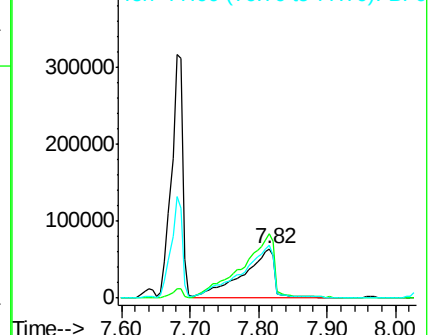
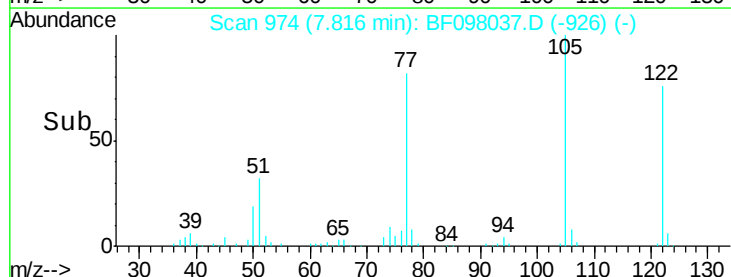
77 107.7 73.7 113.7

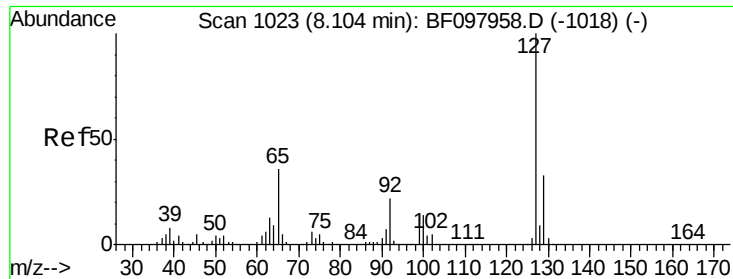


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

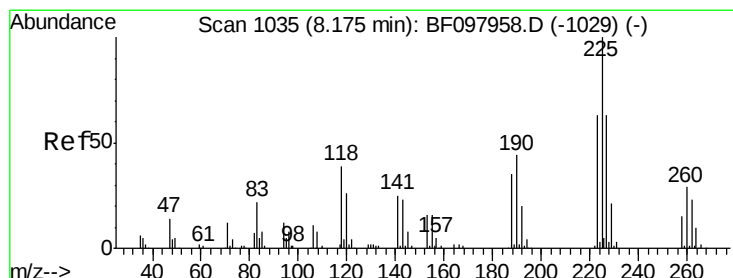
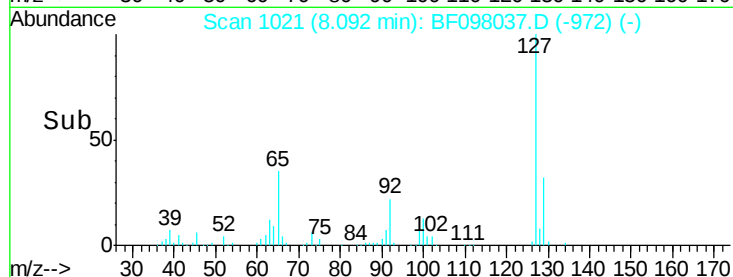
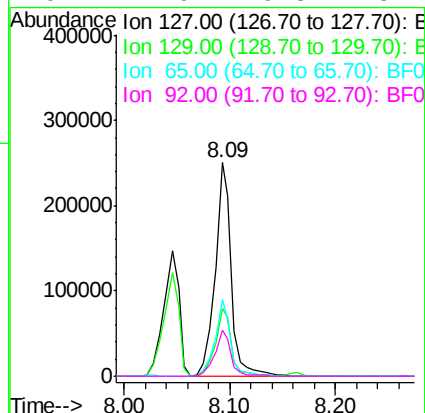
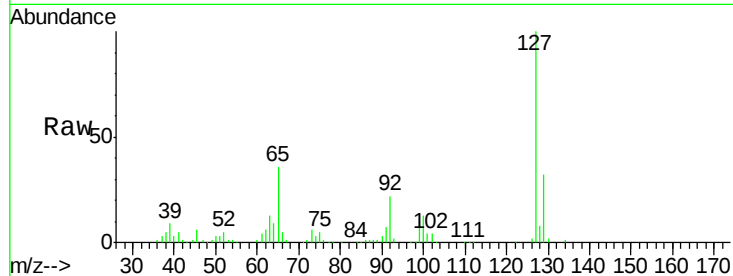




#33
4-Chloroaniline
Concen: 23.19 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

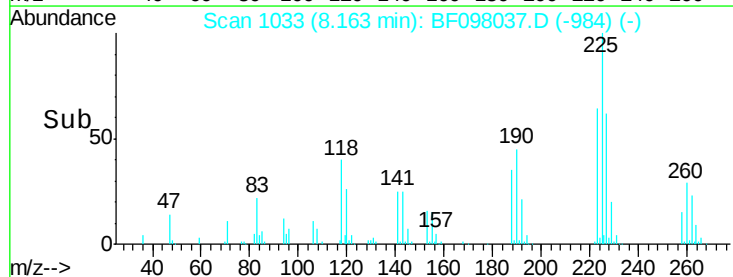
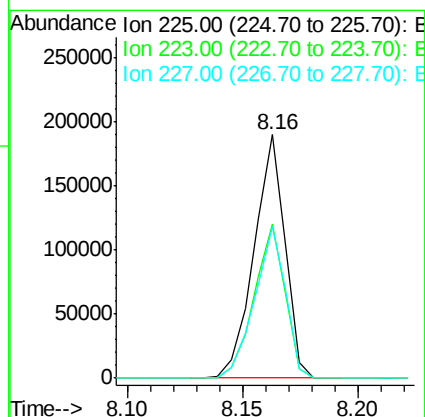
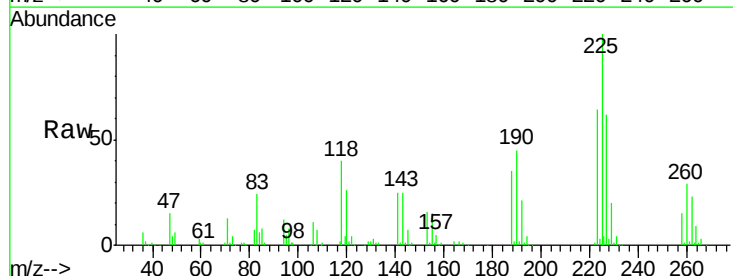
Instrument :
BNA_F
ClientSampleId :
PB101833BS

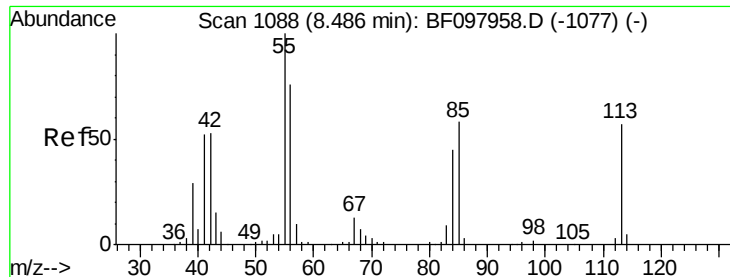
Tot Ion:	127	Resp:	271122
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	35.8	27.8	41.8
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.79 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:	225	Resp:	177610
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	62.1	51.1	76.7

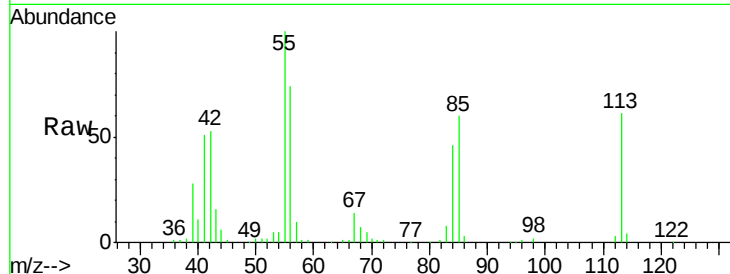




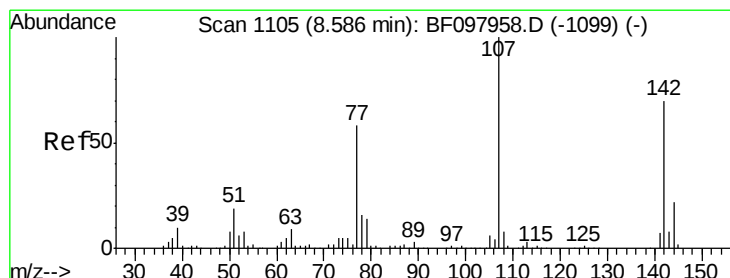
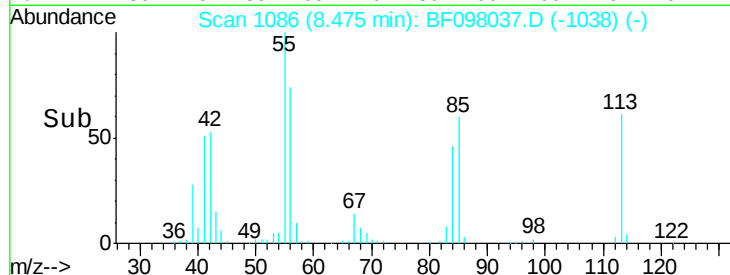
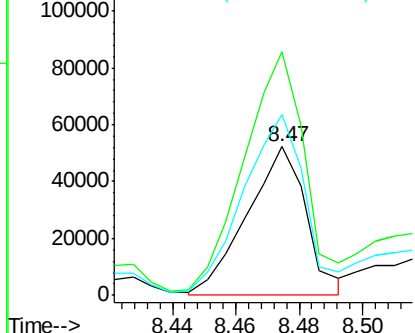
#35
 Caprolactam
 Concen: 28.14 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion:113 Resp: 67676
 Ion Ratio Lower Upper
 113 100
 55 164.0 150.2 190.2
 56 121.5 107.8 147.8

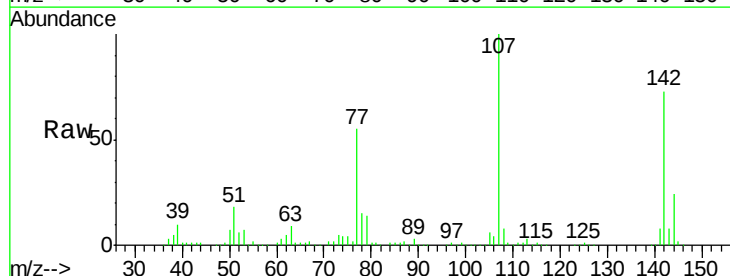


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

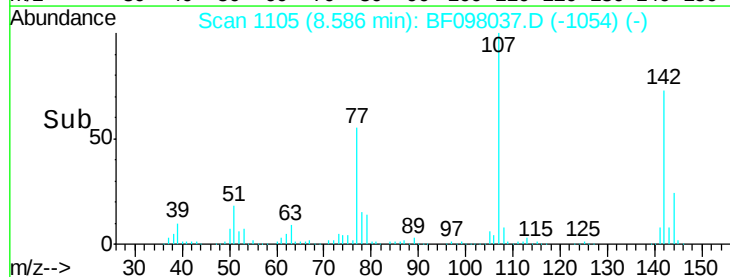
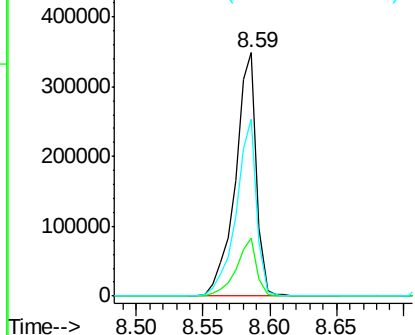


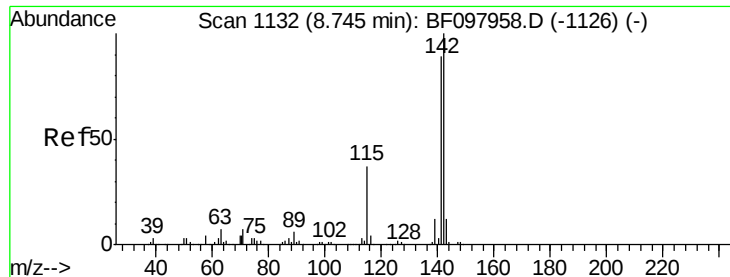
#36
 4-Chloro-3-methylphenol
 Concen: 42.34 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:107 Resp: 384852
 Ion Ratio Lower Upper
 107 100
 144 24.0 24.2 36.4#
 142 72.6 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.53 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

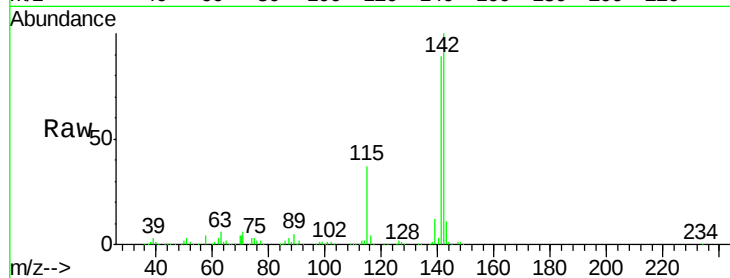
Tot Ion:142 Resp: 722820

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

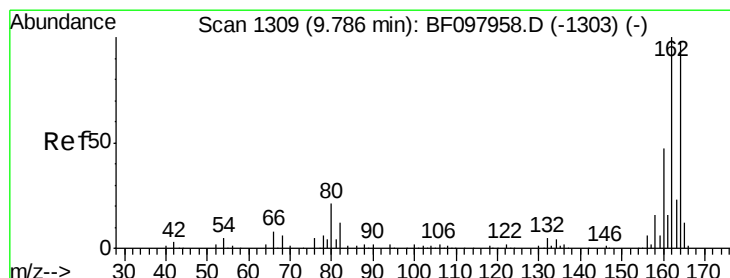
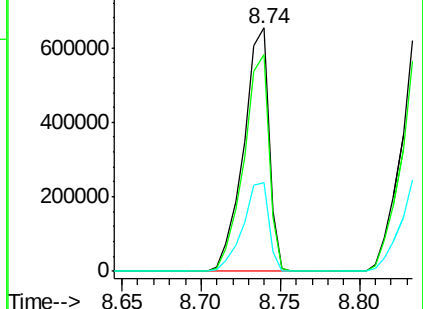
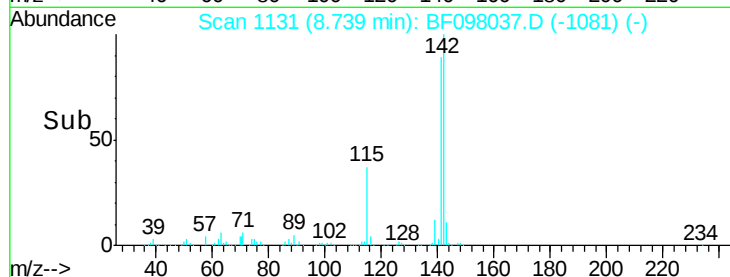
115 36.6 27.1 40.7



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

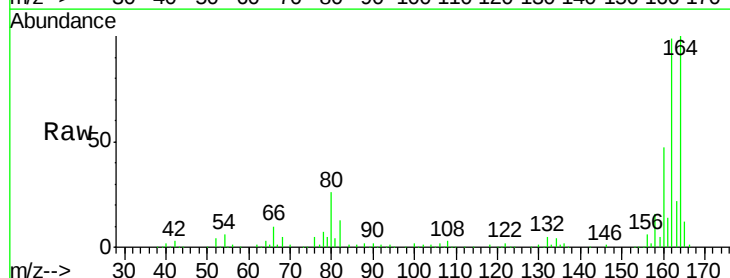
Tgt Ion:164 Resp: 241908

Ion Ratio Lower Upper

164 100

162 98.9 82.6 123.8

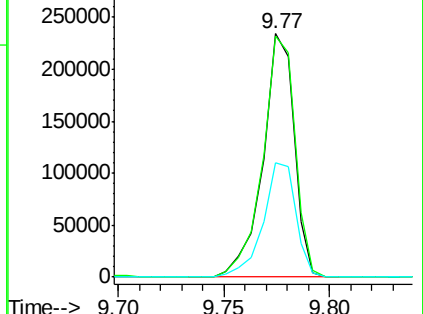
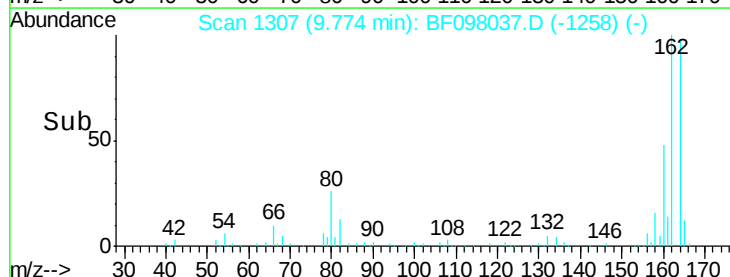
160 46.9 36.2 54.2

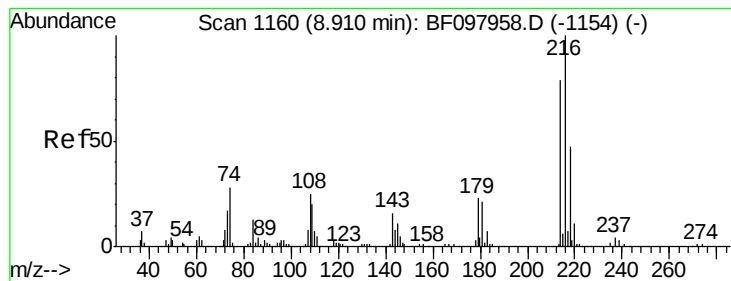


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.08 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

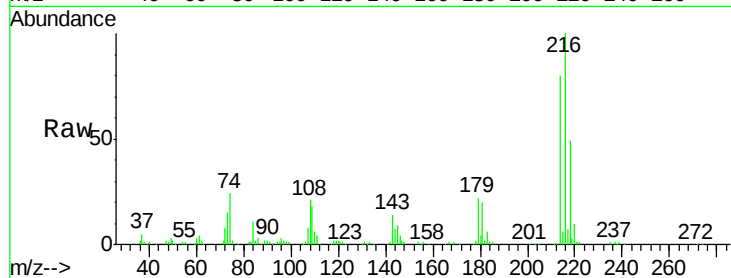
Instrument :

BNA_F

ClientSampleId :

PB101833BS

Tot Ion:216	Resp:	282686
Ion Ratio	Lower	Upper
216	100	
214	80.0	63.4 95.2
179	21.7	17.9 26.9
108	26.7	16.5 24.7#

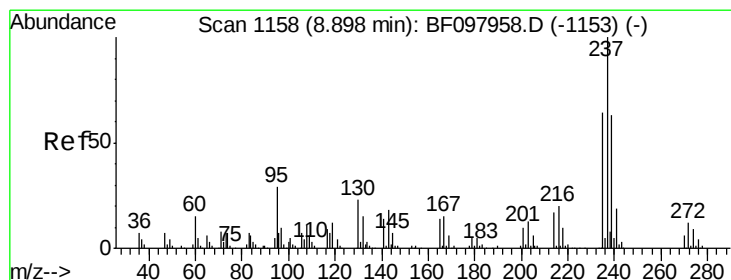
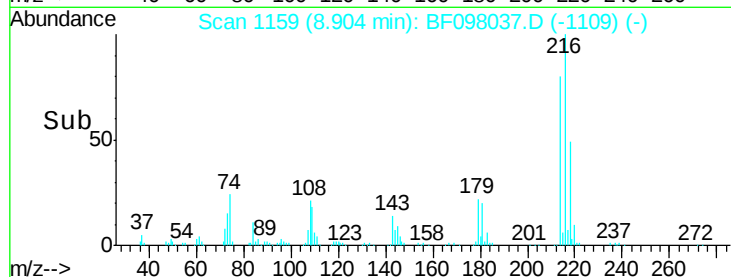
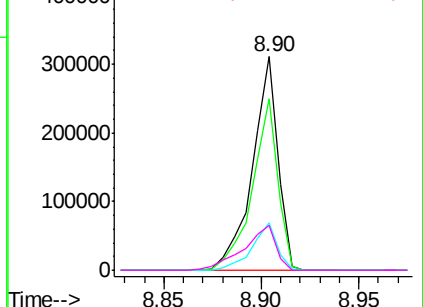


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.95 ng

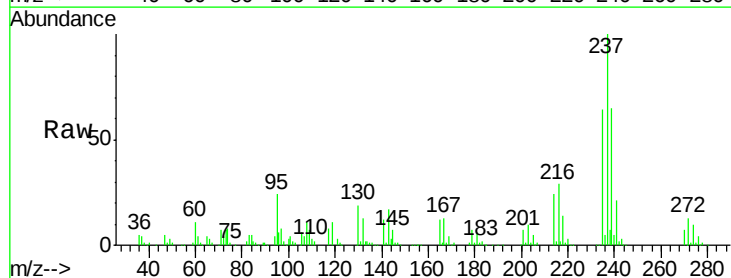
RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

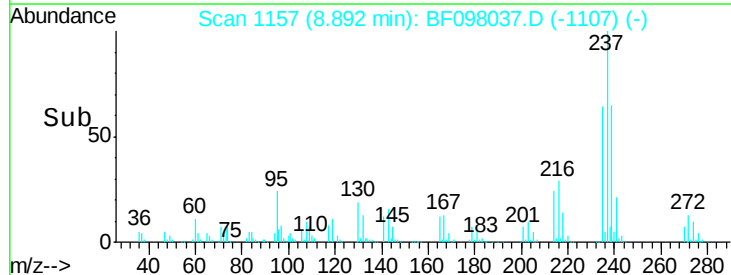
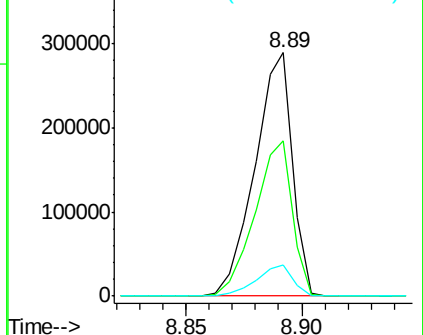
Tgt Ion:237	Resp:	327942
Ion Ratio	Lower	Upper
237	100	
235	63.6	42.6 82.6
272	12.9	0.0 31.9

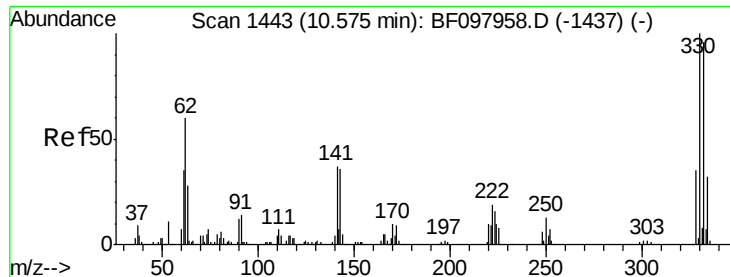


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

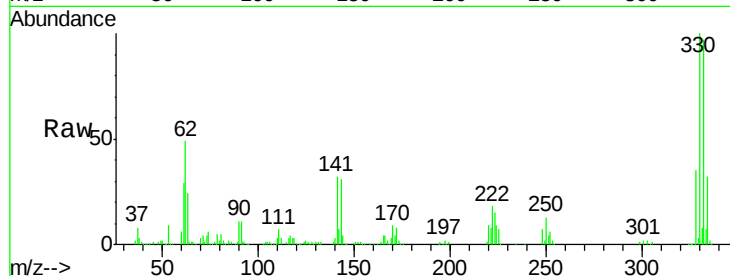




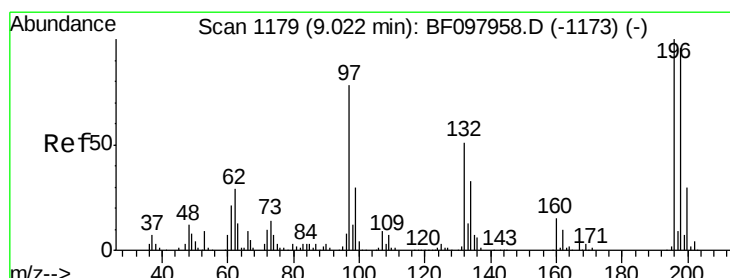
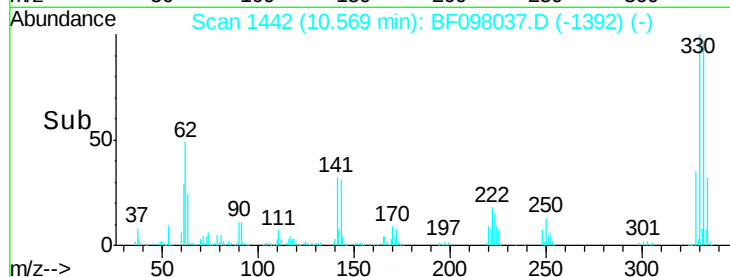
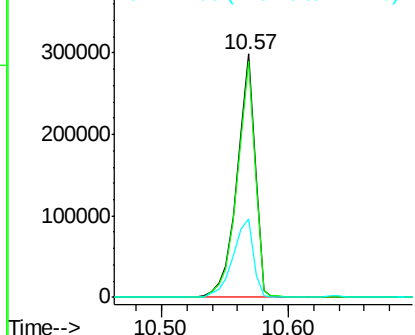
#41
 2,4,6-Tribromophenol
 Concen: 138.90 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	36.3	31.4	47.2

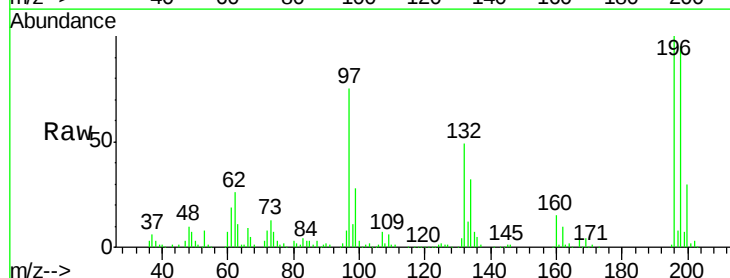


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

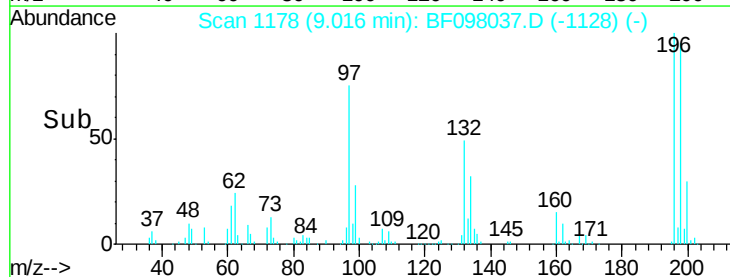
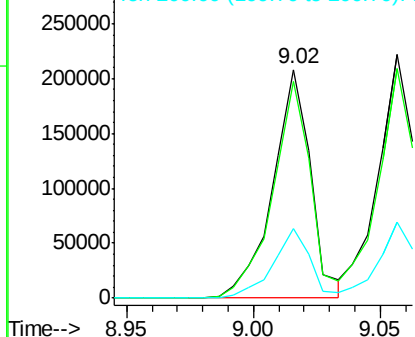


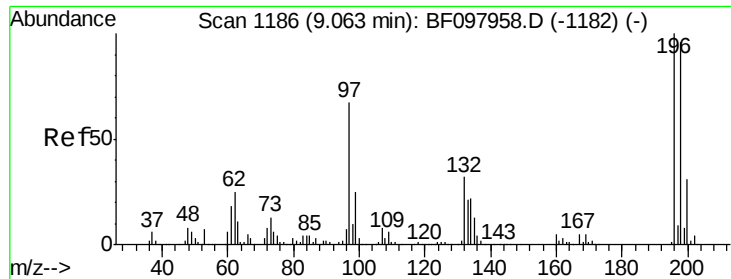
#42
 2,4,6-Trichlorophenol
 Concen: 43.24 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.4
200	30.2	24.0	36.0



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

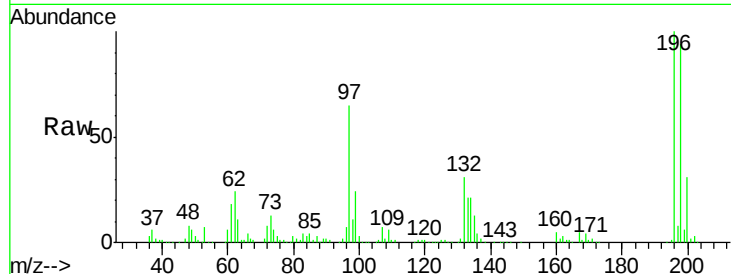




#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
97	65.4	47.7	71.5
132	31.1	28.0	42.0



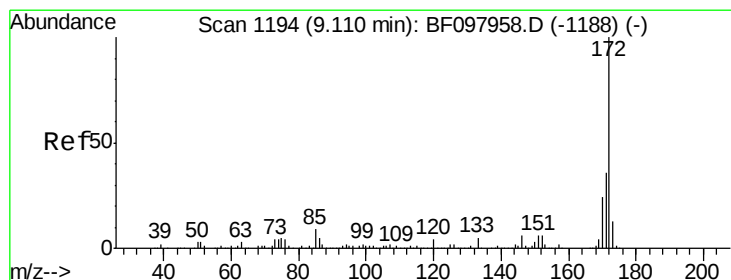
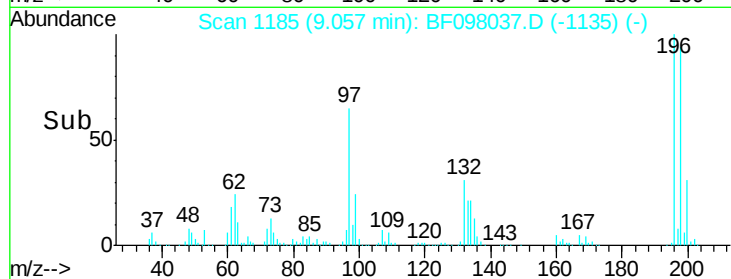
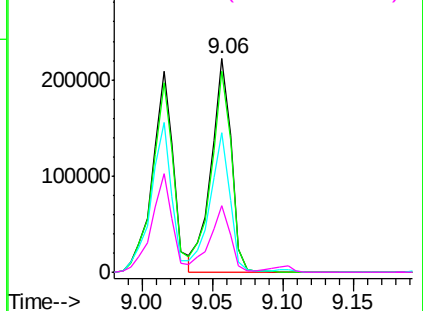
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

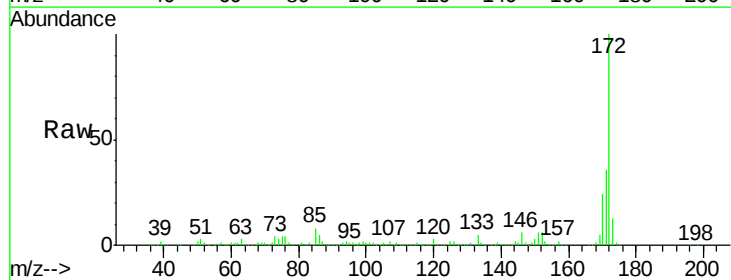
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.91 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8

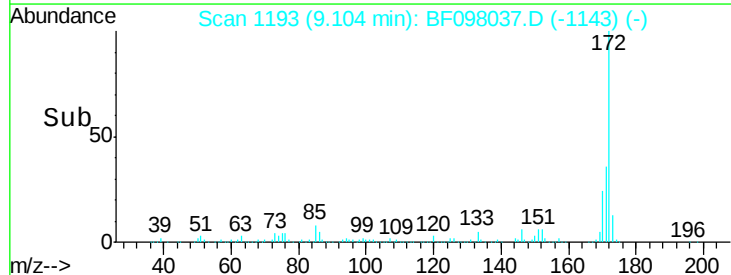
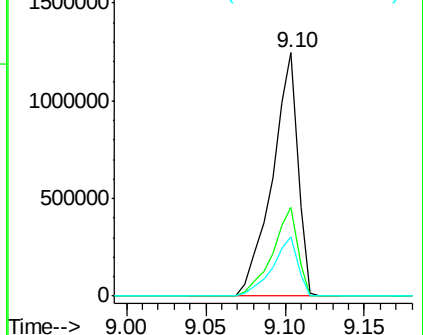


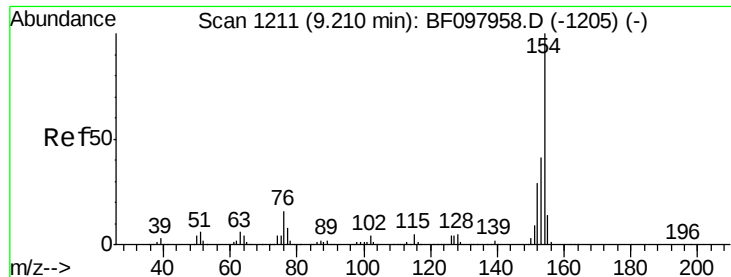
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

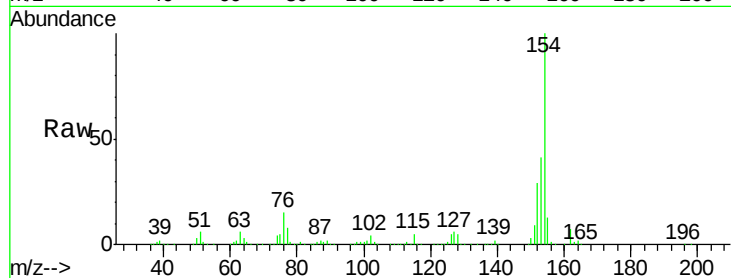




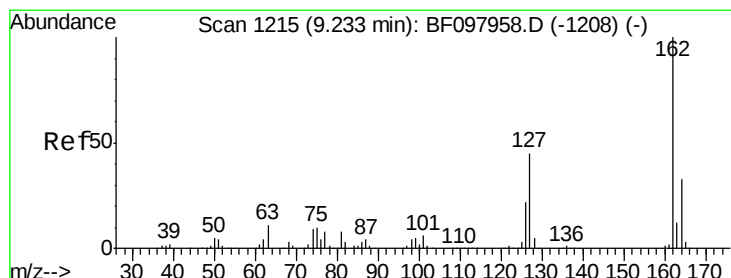
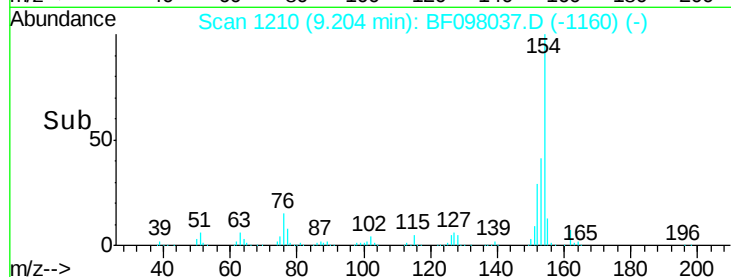
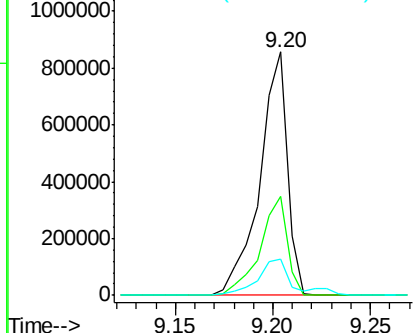
#45
 1,1'-Biphenyl
 Concen: 38.12 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleID :
 PB101833BS

Tot Ion:154 Resp: 840902
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 14.8 0.0 29.9

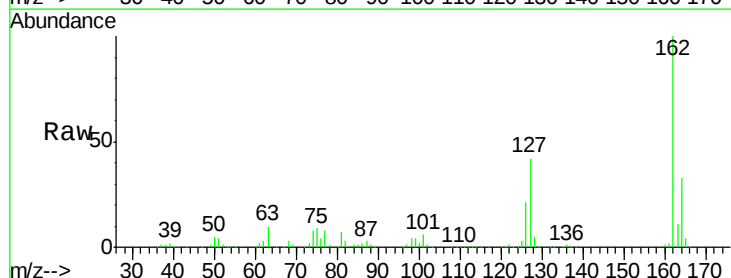


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

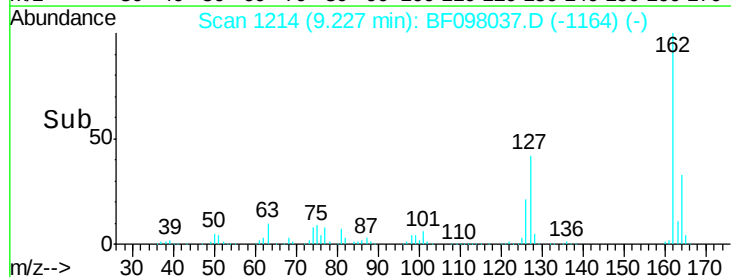
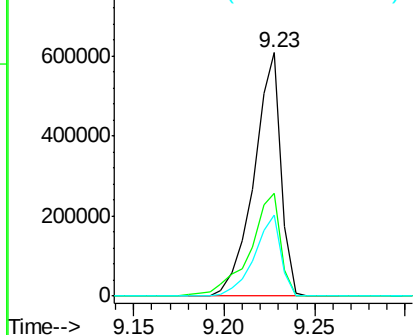


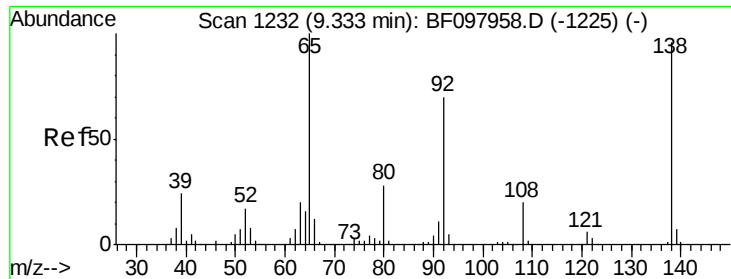
#46
 2-Chloronaphthalene
 Concen: 38.49 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:162 Resp: 627341
 Ion Ratio Lower Upper
 162 100
 127 42.5 28.3 42.5
 164 33.1 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

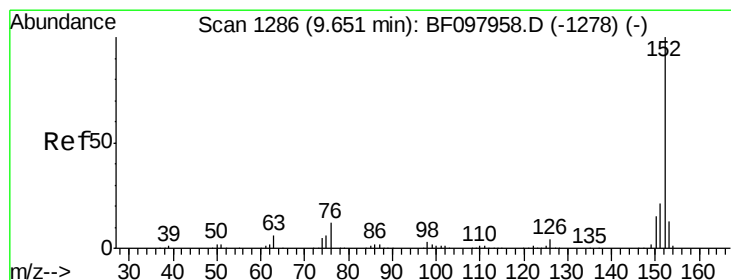
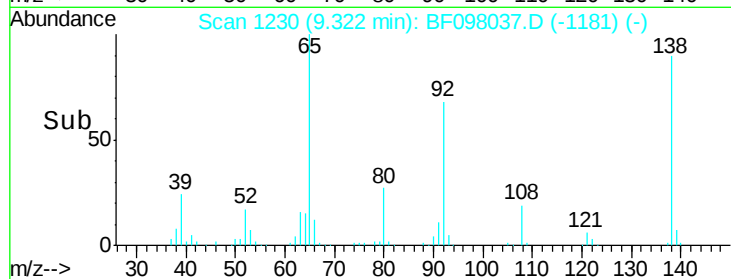
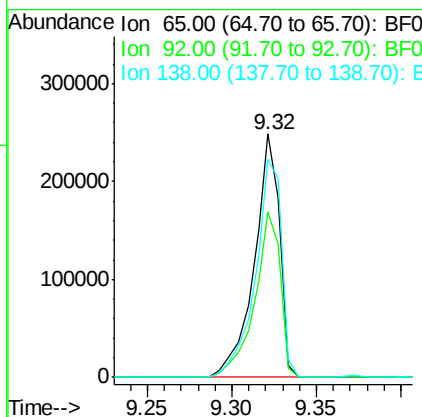
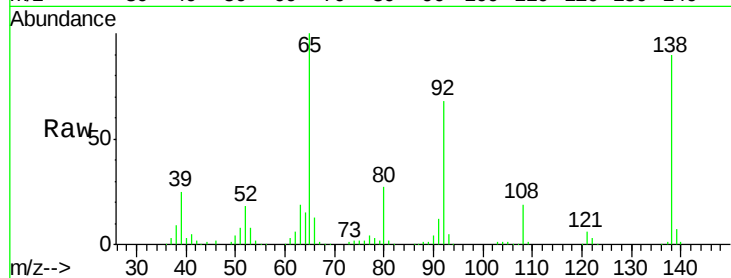




#47
2-Nitroaniline
Concen: 47.38 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

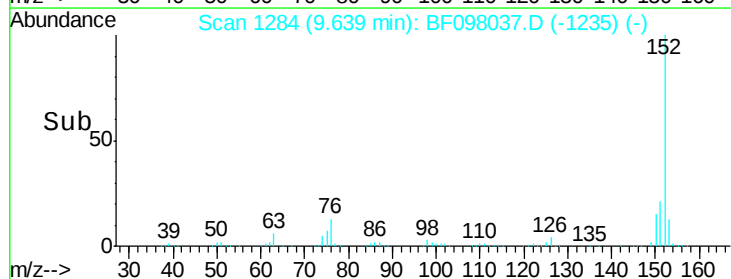
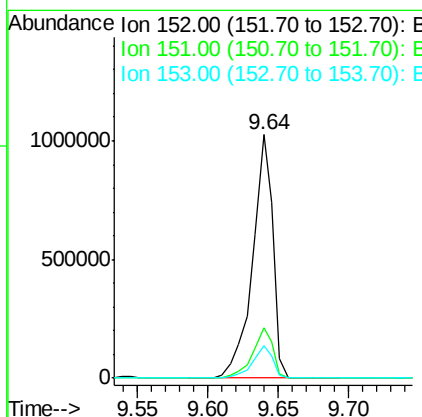
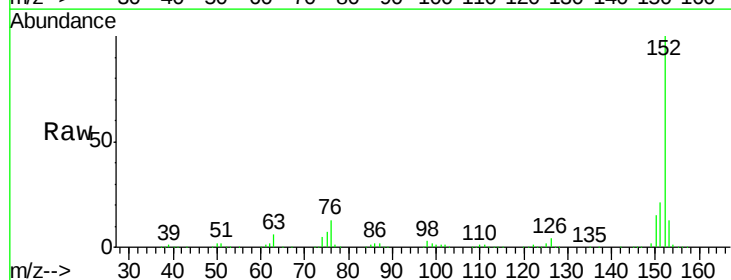
Instrument :
BNA_F
ClientSampleId :
PB101833BS

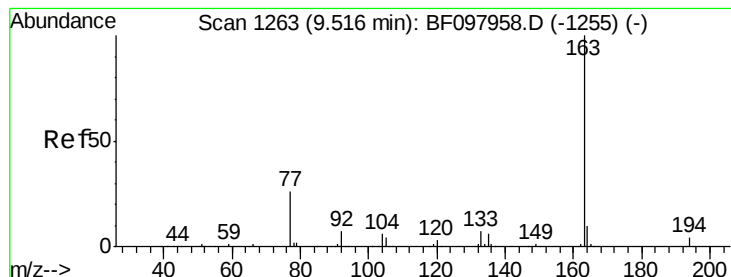
Tot Ion: 65 Resp: 258881
Ion Ratio Lower Upper
65 100
92 67.9 53.9 80.9
138 89.5 78.8 118.2



#48
Acenaphthylene
Concen: 40.51 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion: 152 Resp: 1036939
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.3 10.8 16.2

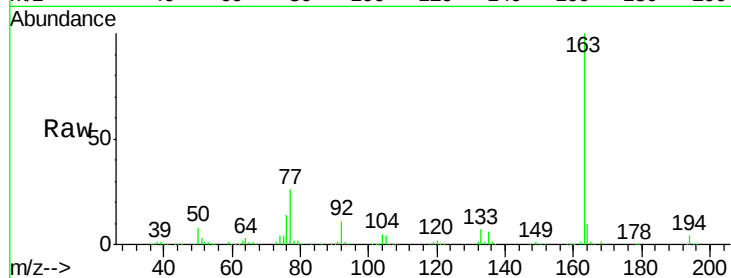




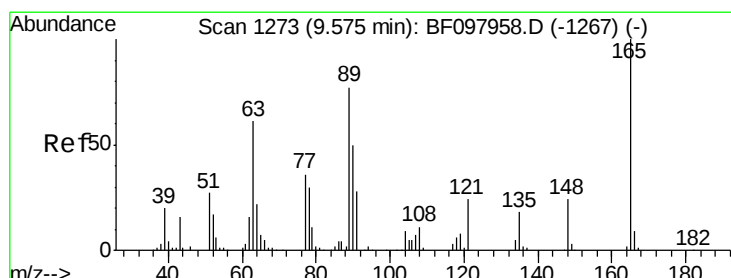
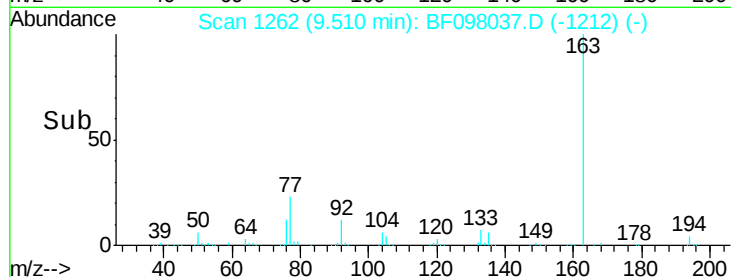
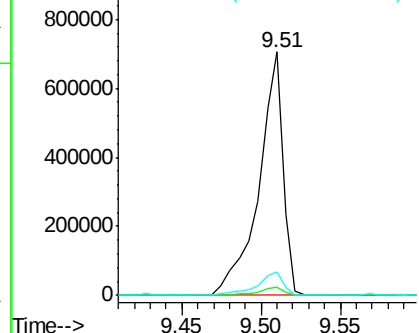
#49
 Dimethylphthalate
 Concen: 42.68 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleID :
 PB101833BS

Tot Ion:163	Resp:	754721
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.6 4.0
164	9.9	8.4 12.6

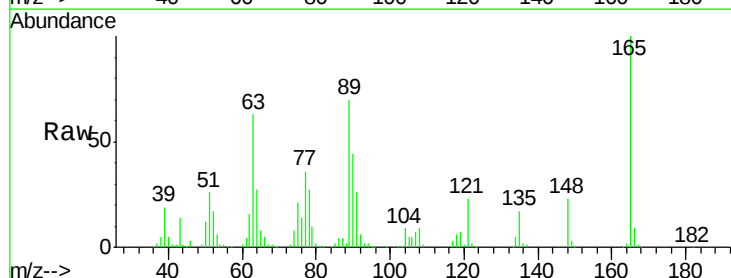


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

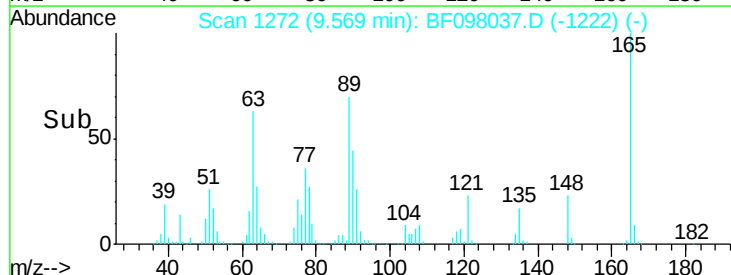
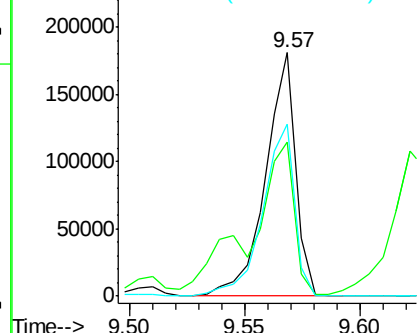


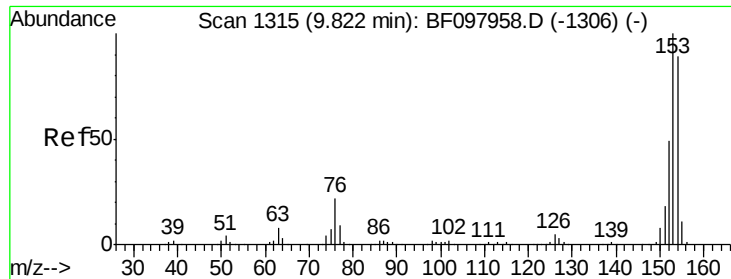
#50
 2,6-Dinitrotoluene
 Concen: 46.52 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:165	Resp:	164205
Ion Ratio	Lower	Upper
165	100	
63	63.4	34.3 51.5#
89	70.5	37.1 55.7#



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





#51

Acenaphthene

Concen: 37.79 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

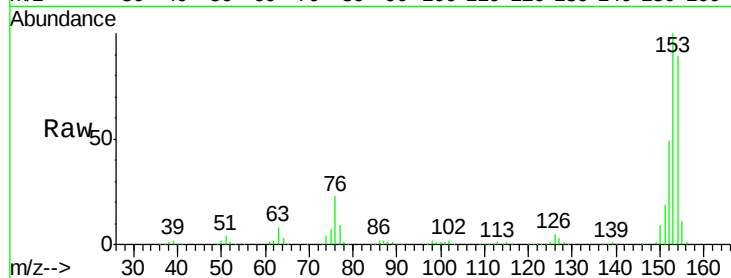
Tot Ion:154 Resp: 610047

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

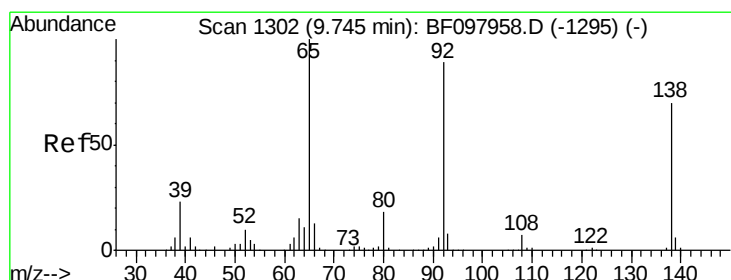
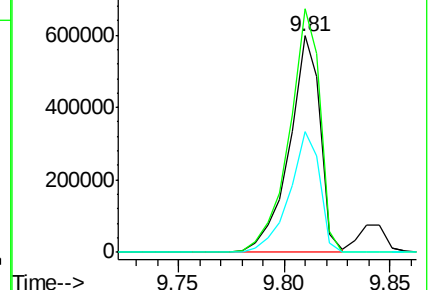
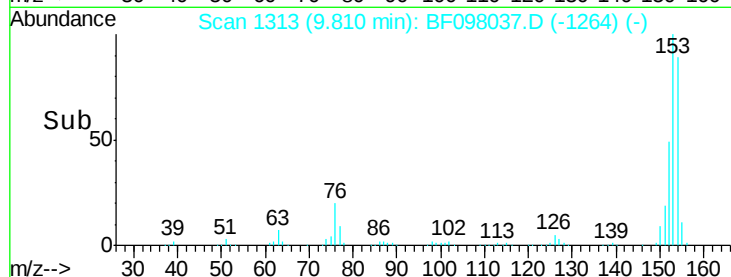
152 55.6 43.6 65.4



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: 28.08 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

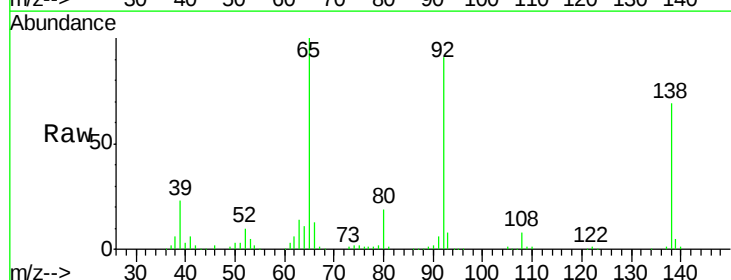
Tgt Ion:138 Resp: 127854

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

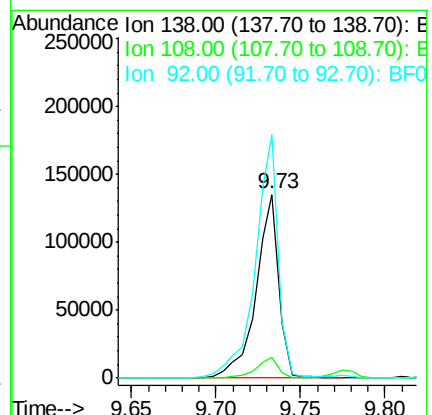
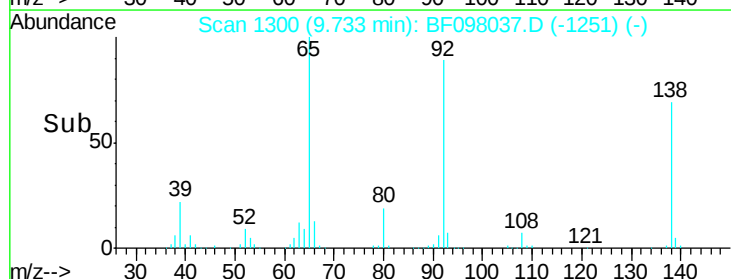
92 132.3 93.8 140.6

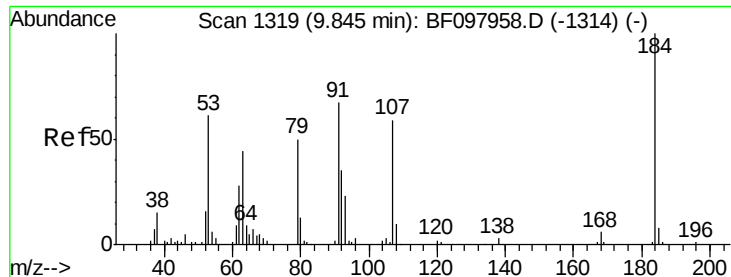


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

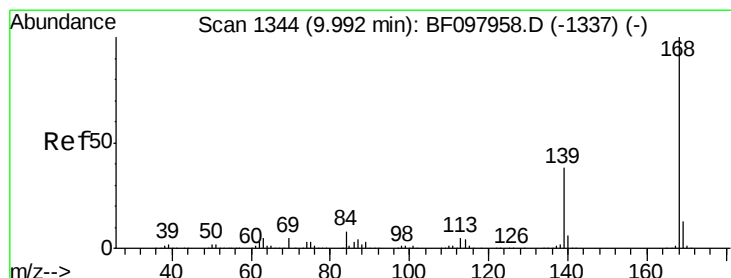
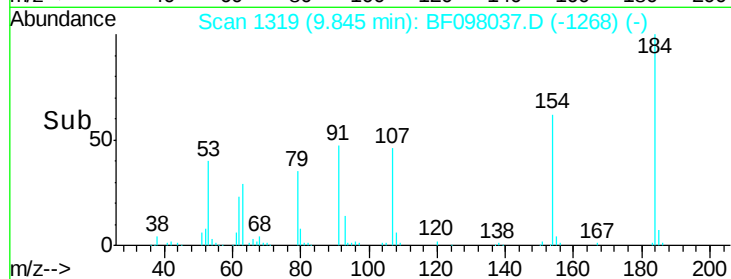
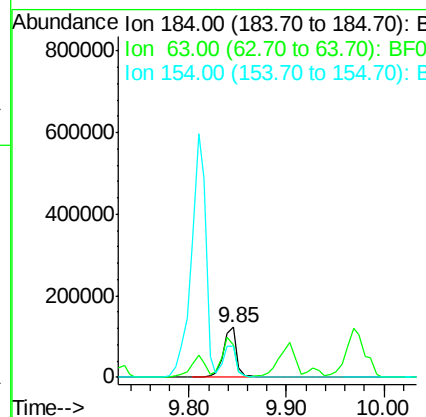
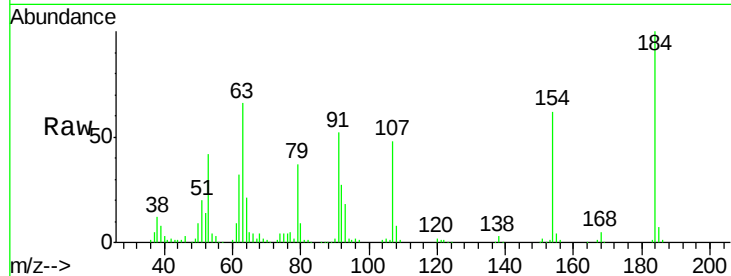




#53
2,4-Dinitrophenol
Concen: 71.46 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

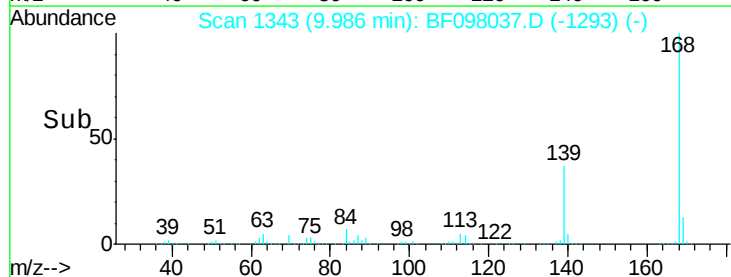
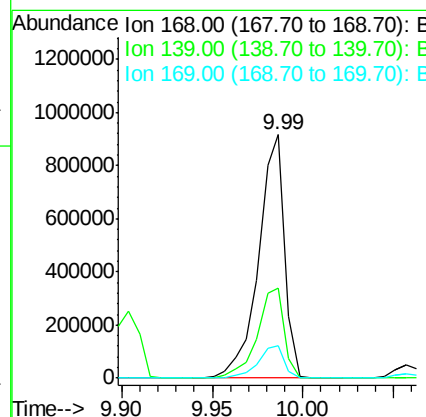
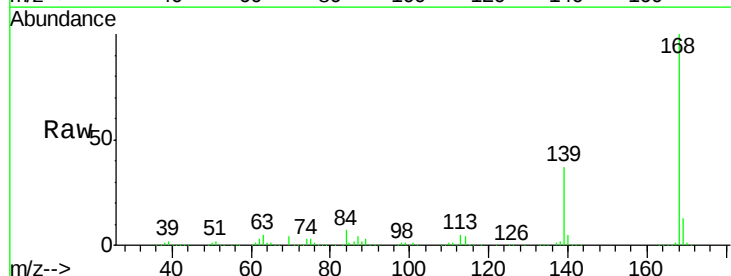
Instrument :
BNA_F
ClientSampleId :
PB101833BS

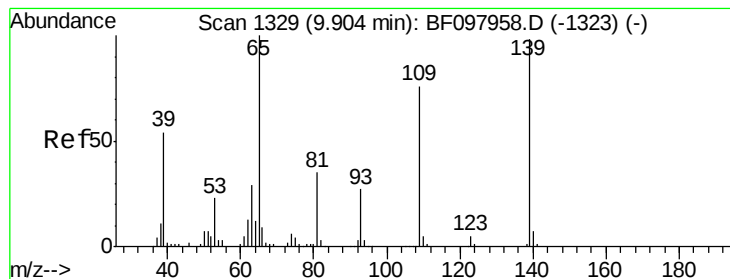
Tot Ion:184 Resp: 117900
Ion Ratio Lower Upper
184 100
63 65.9 62.7 94.1
154 62.1 81.1 121.7#



#54
Dibenzofuran
Concen: 42.15 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:168 Resp: 912003
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 83.28 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

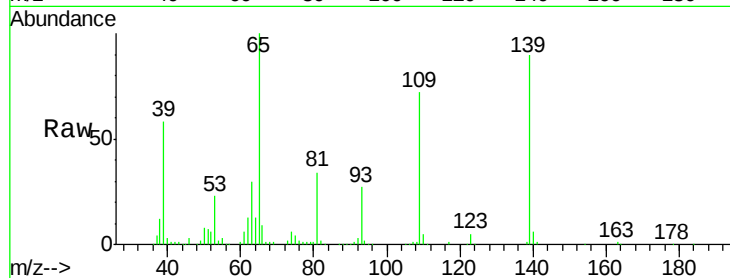
Tot Ion:139 Resp: 302518

Ion Ratio Lower Upper

139 100

109 79.8 34.1 74.1#

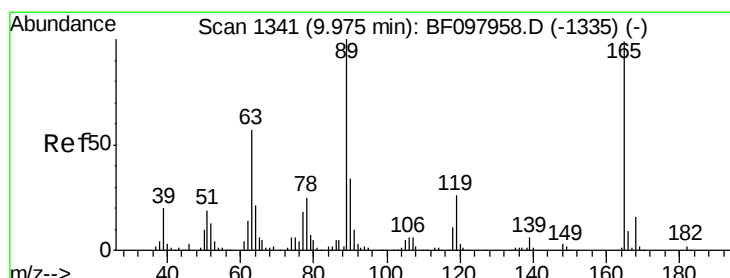
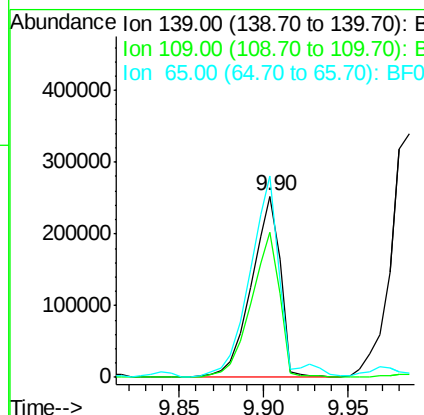
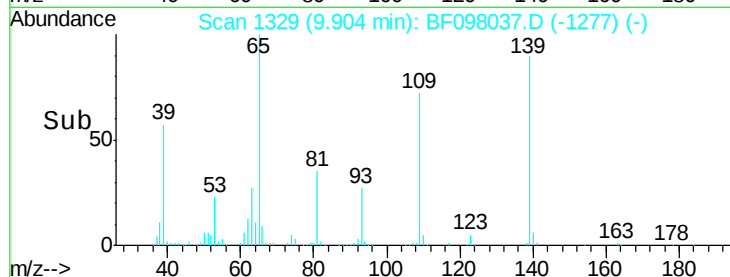
65 110.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.50 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Tgt Ion:165 Resp: 219259

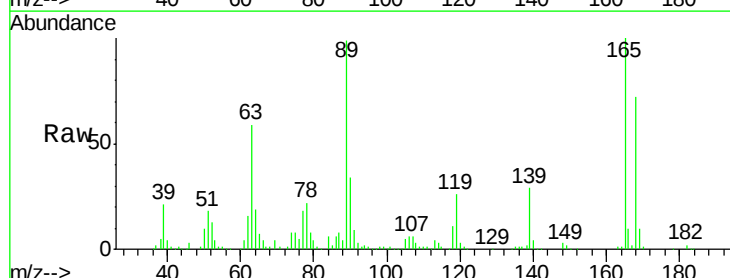
Ion Ratio Lower Upper

165 100

63 58.9 25.4 38.0#

89 99.2 46.4 69.6#

182 2.2 1.8 2.6

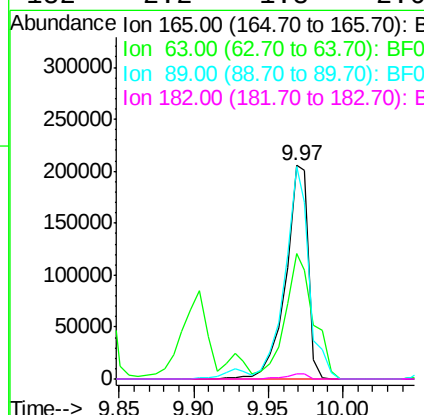
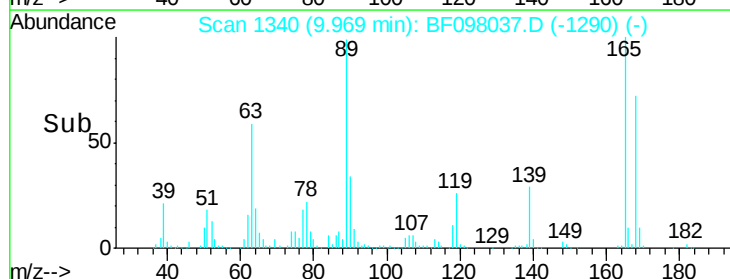


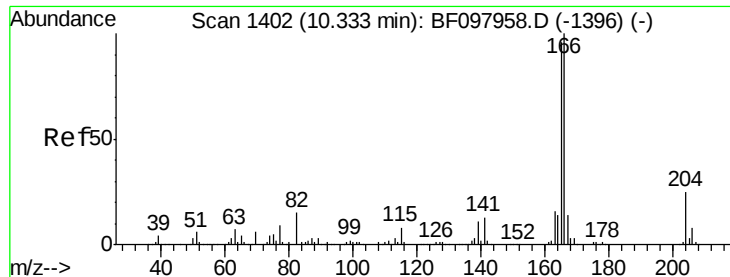
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

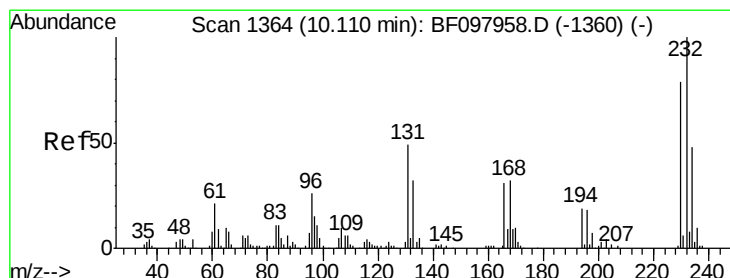
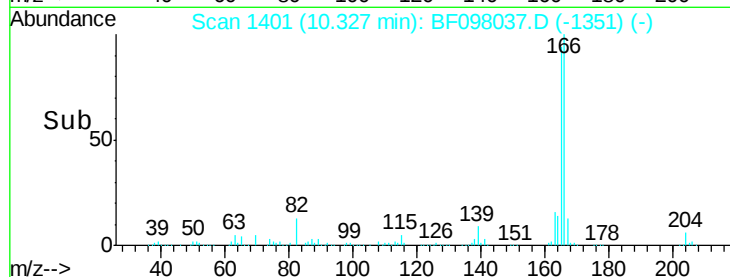
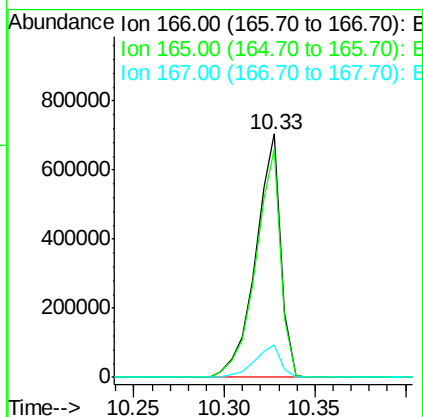
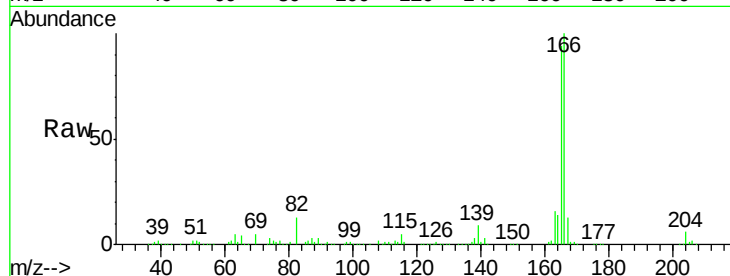




#57
 Fluorene
 Concen: 40.38 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

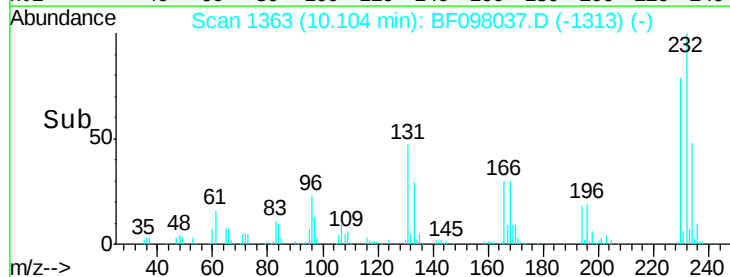
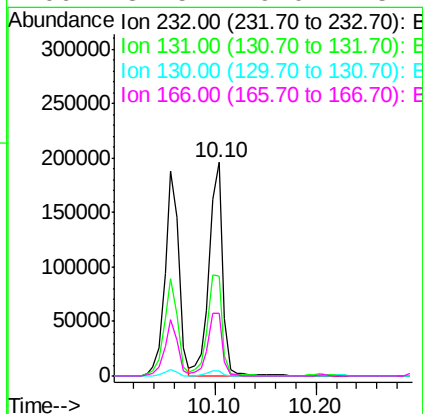
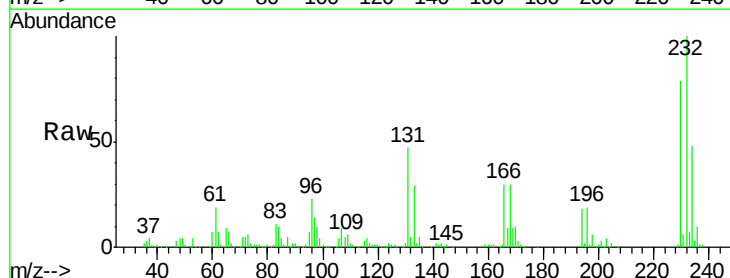
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

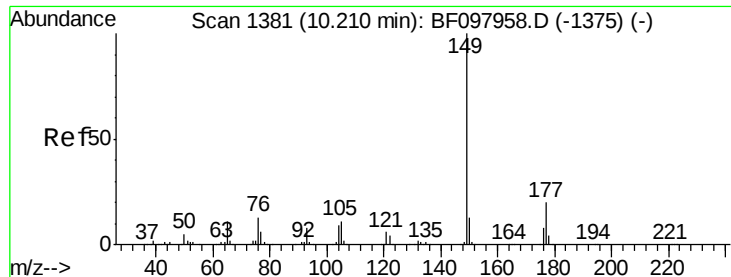
Tot Ion:166 Resp: 675455
 Ion Ratio Lower Upper
 166 100
 165 93.7 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.66 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:232 Resp: 182458
 Ion Ratio Lower Upper
 232 100
 131 51.9 44.8 67.2
 130 2.7 2.3 3.5
 166 32.5 29.0 43.4

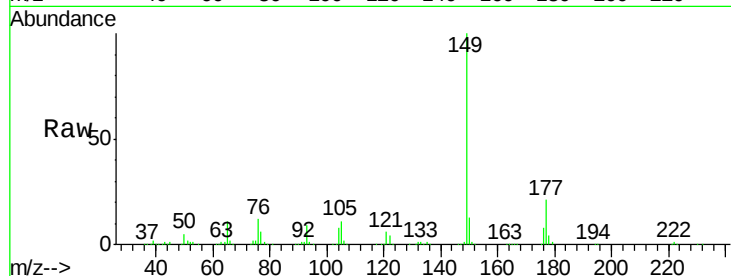




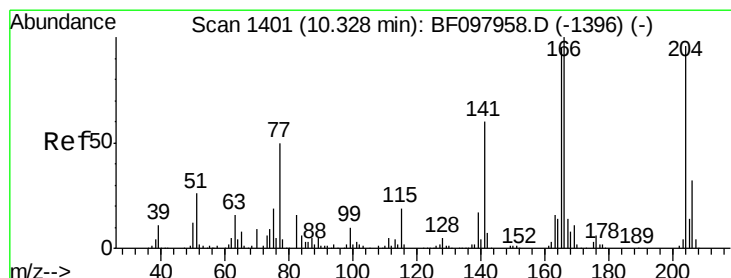
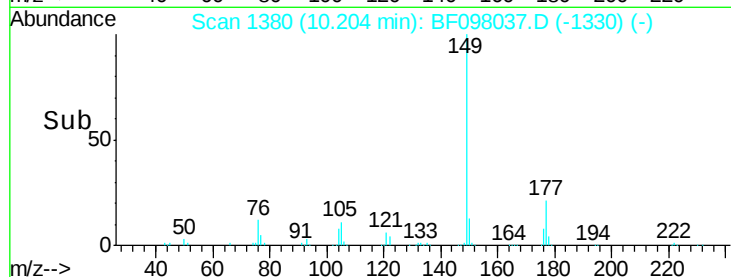
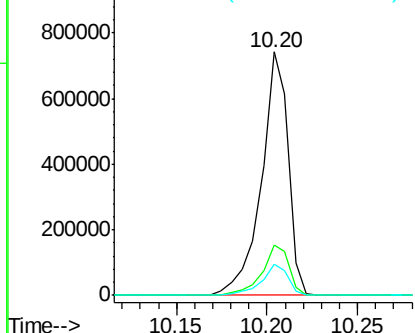
#59
Diethylphthalate
Concen: 41.17 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion:149 Resp: 761261
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.8 10.2 15.2

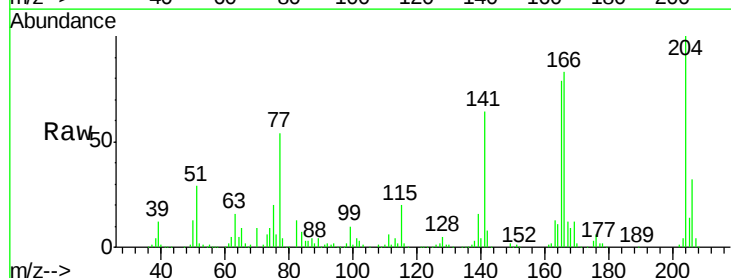


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

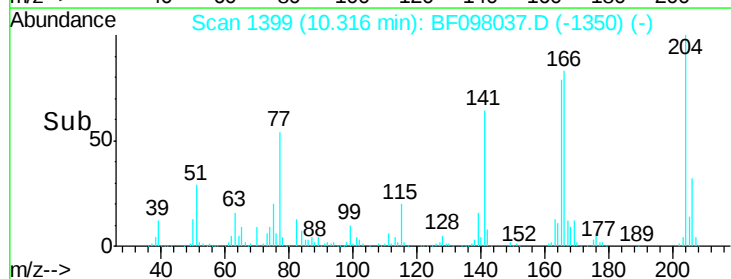
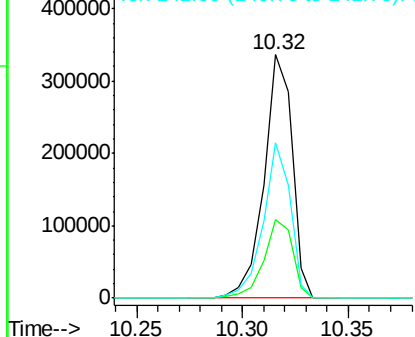


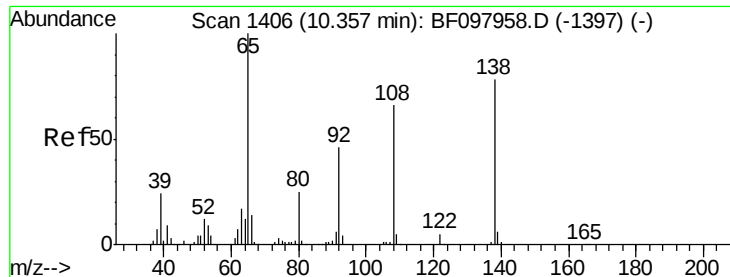
#60
4-Chlorophenyl-phenylether
Concen: 40.24 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:204 Resp: 312667
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 63.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

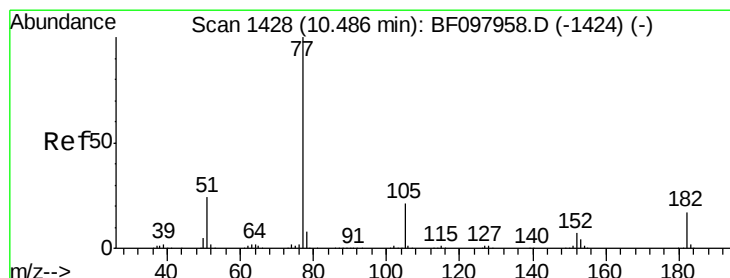
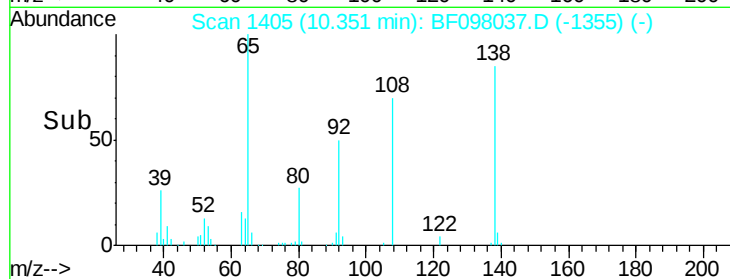
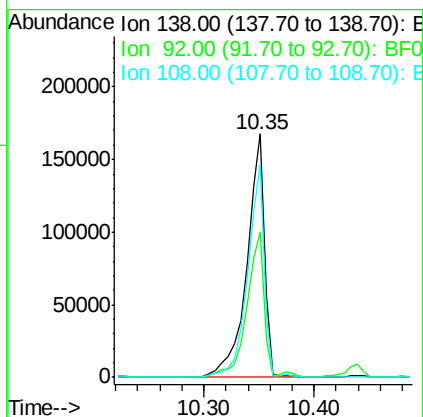
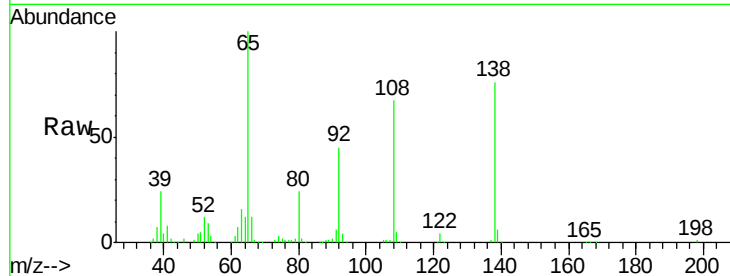




#61
4-Nitroaniline
Concen: 43.55 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

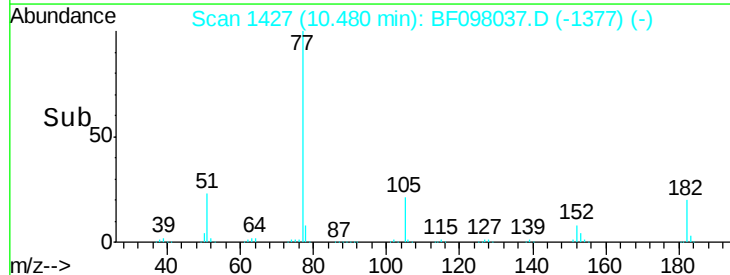
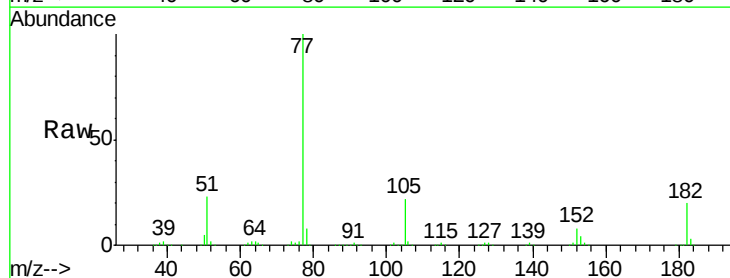
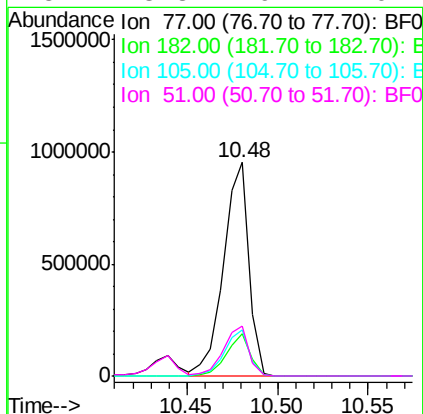
Instrument :
BNA_F
ClientSampleId :
PB101833BS

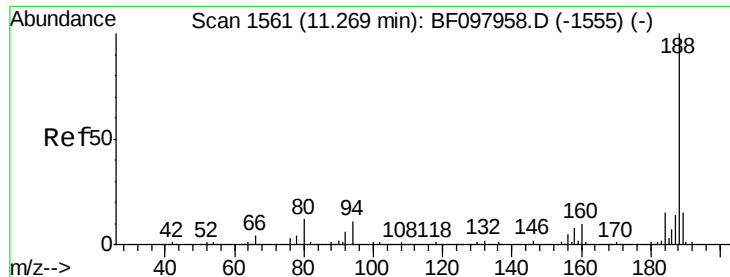
Tot Ion:138 Resp: 188473
Ion Ratio Lower Upper
138 100
92 59.5 21.8 61.8
108 87.3 42.3 82.3#



#62
Azobenzene
Concen: 42.20 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion: 77 Resp: 926924
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 21.9 3.6 43.6
51 23.3 9.4 49.4

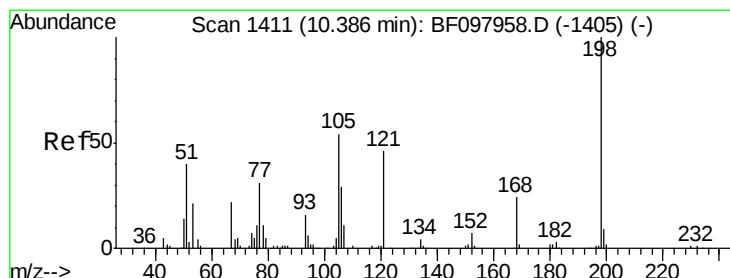
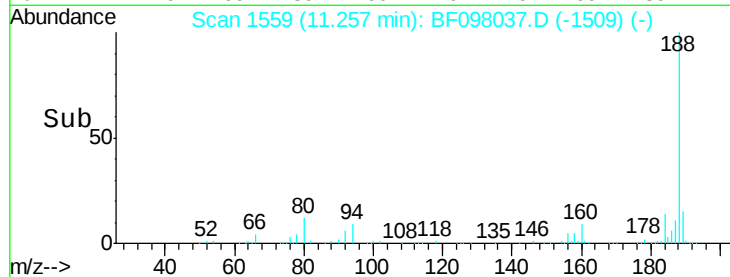
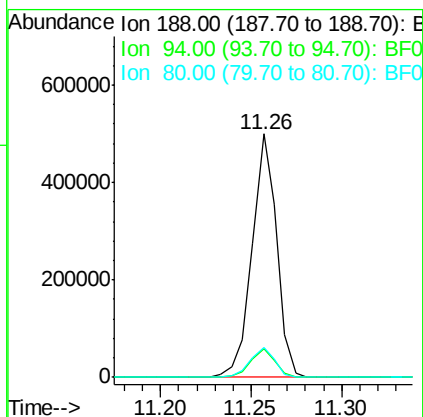
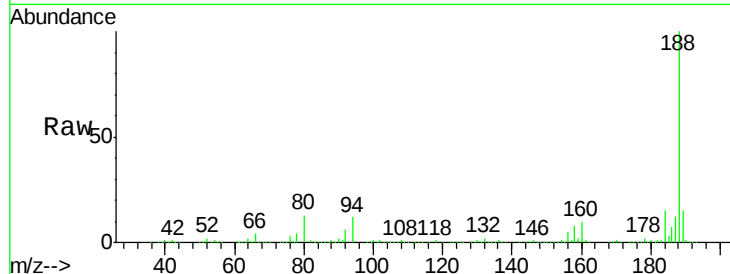




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

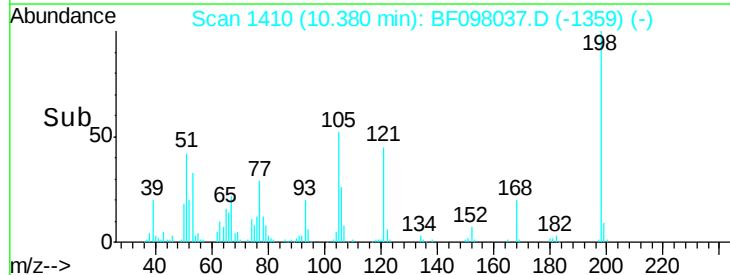
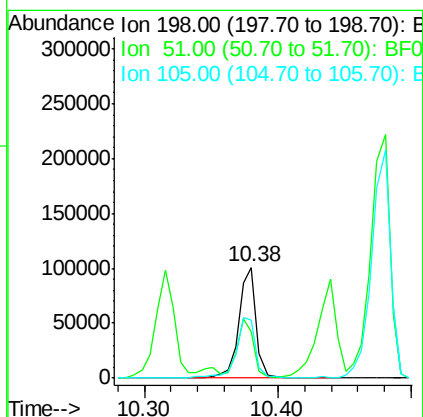
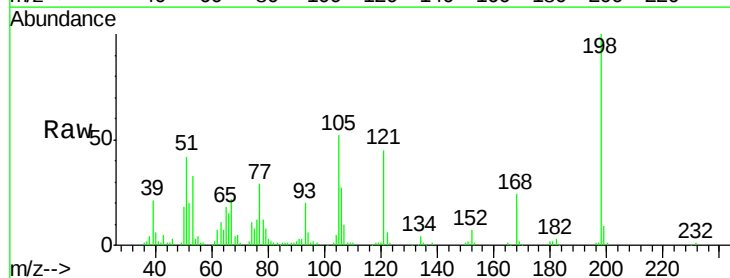
Instrument :
BNA_F
ClientSampleId :
PB101833BS

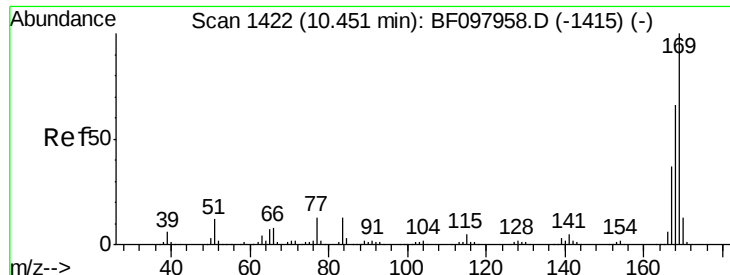
Tot Ion:188 Resp: 471051
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.20 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:198 Resp: 90969
Ion Ratio Lower Upper
198 100
51 41.8 53.2 93.2#
105 51.9 45.8 85.8

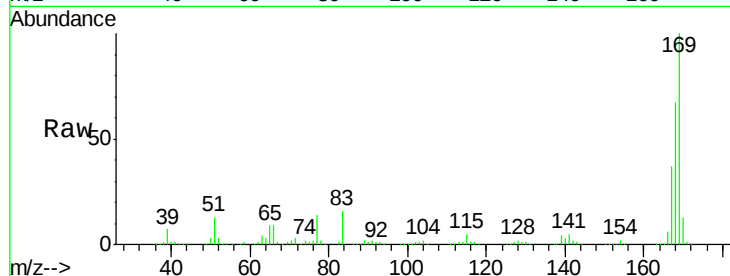




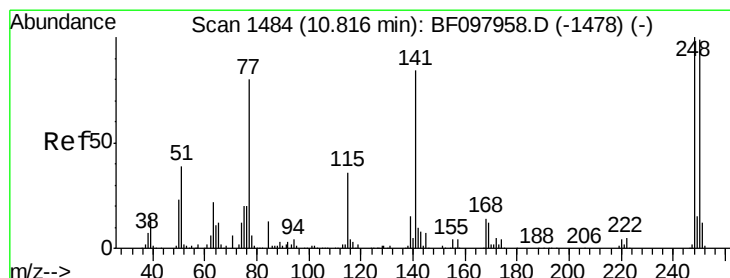
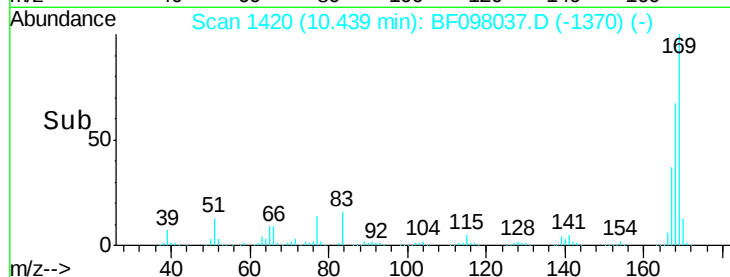
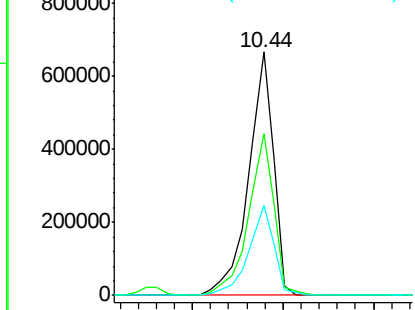
#65
n-Nitrosodiphenylamine
Concen: 39.58 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Tot Ion:169 Resp: 634903
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.9 29.5 44.3

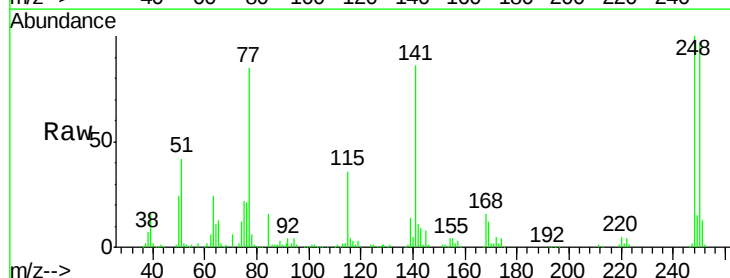


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

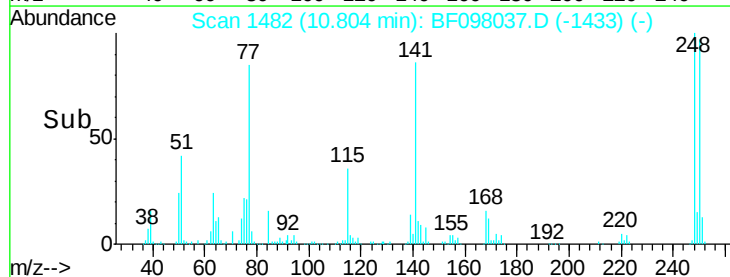
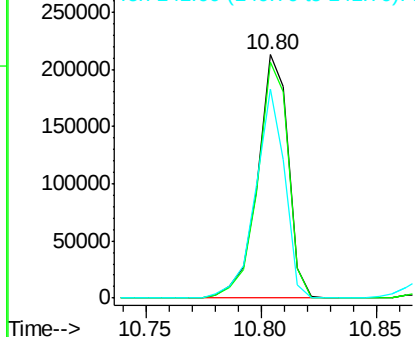


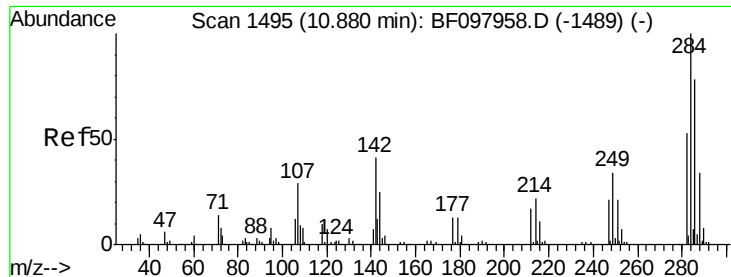
#66
4-Bromophenyl-phenylether
Concen: 40.29 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:248 Resp: 197095
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 85.7 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: 38.72 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

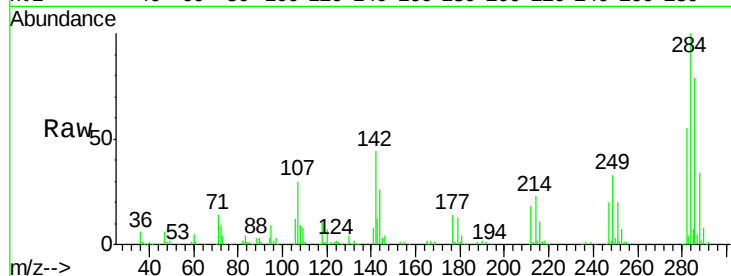
Tot Ion:284 Resp: 193071

Ion Ratio Lower Upper

284 100

142 43.6 22.8 34.2#

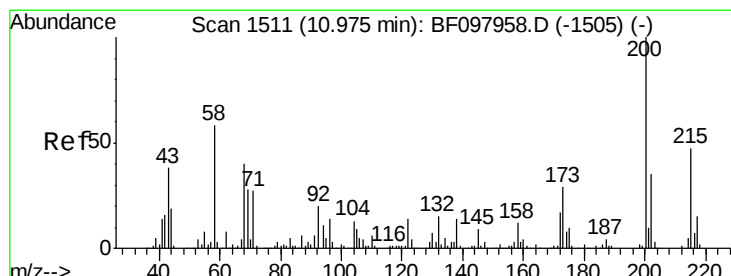
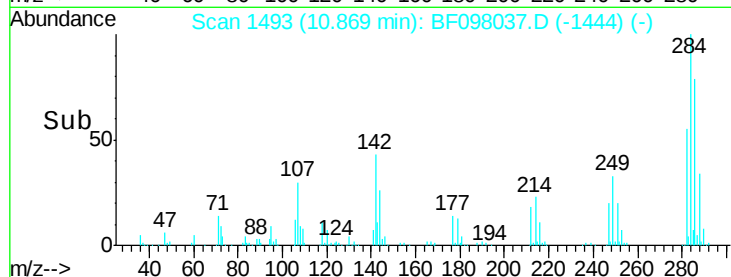
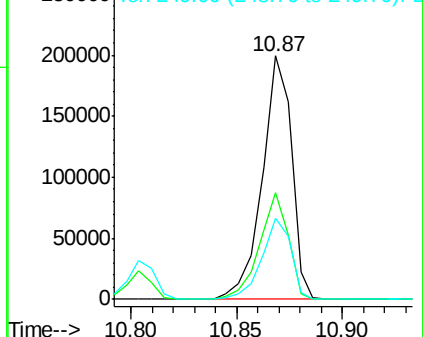
249 33.2 24.0 36.0



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: 44.62 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

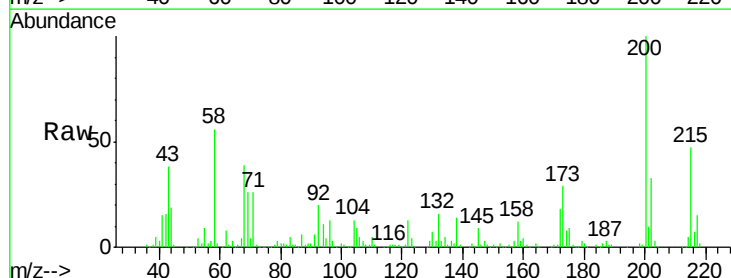
Tgt Ion:200 Resp: 189819

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

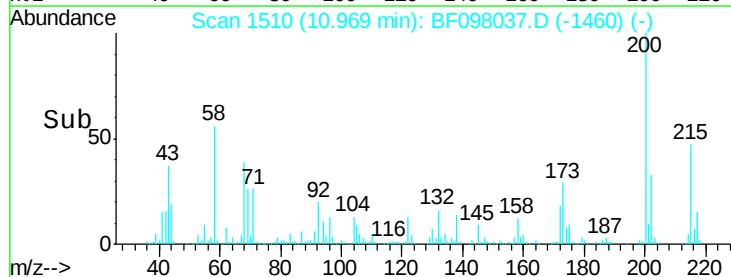
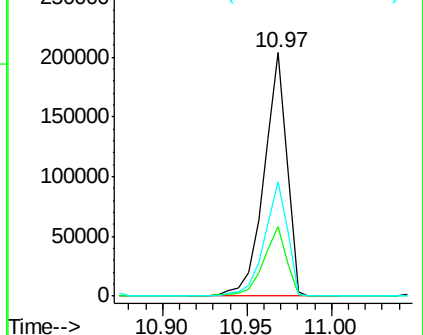
215 46.9 27.2 67.2

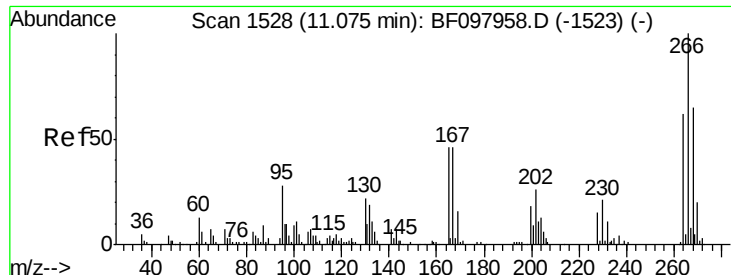


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

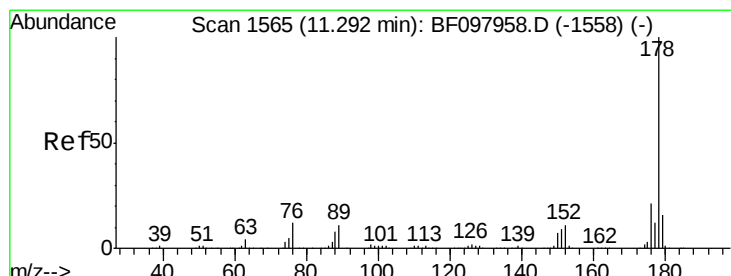
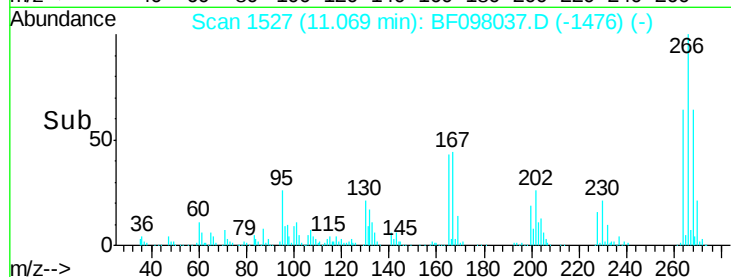
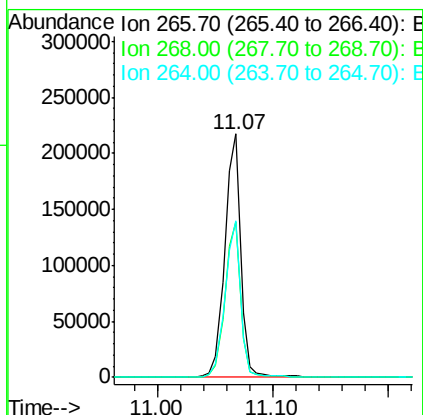
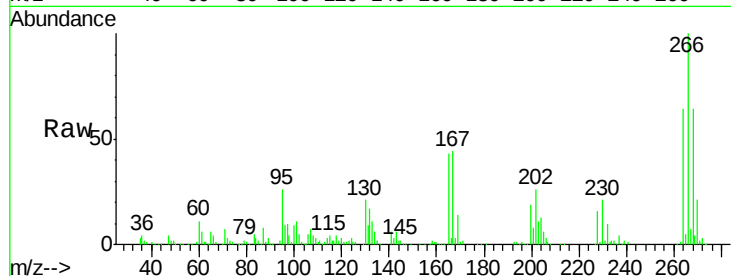




#69
 Pentachlorophenol
 Concen: 72.34 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

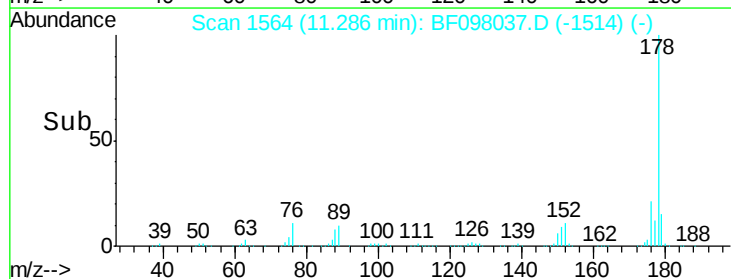
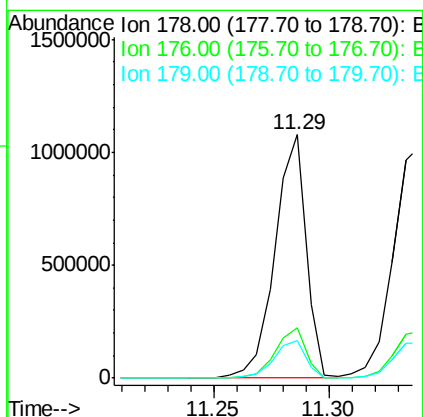
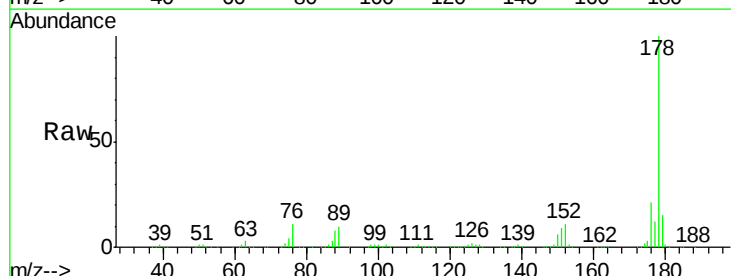
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

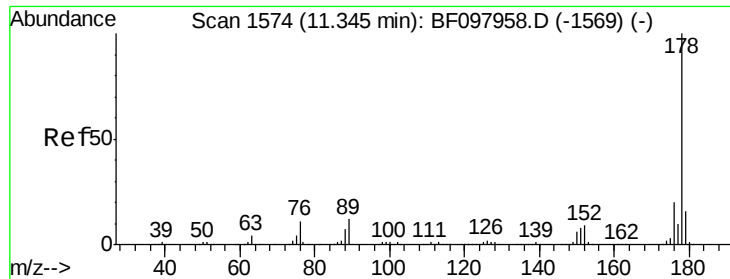
Tot Ion:266 Resp: 210303
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 64.3 51.7 77.5



#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:178 Resp: 1007197
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 15.4 12.6 19.0

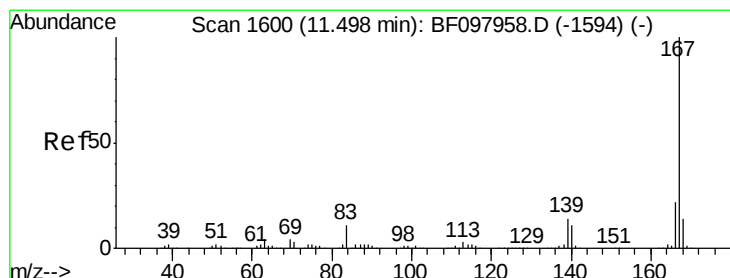
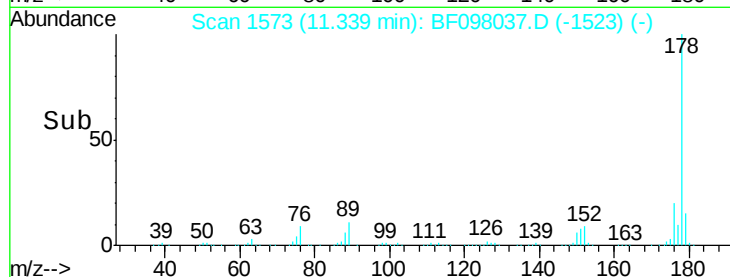
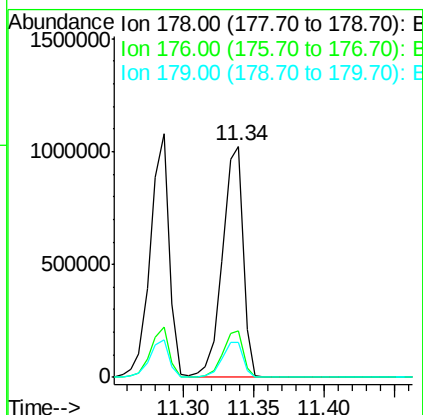
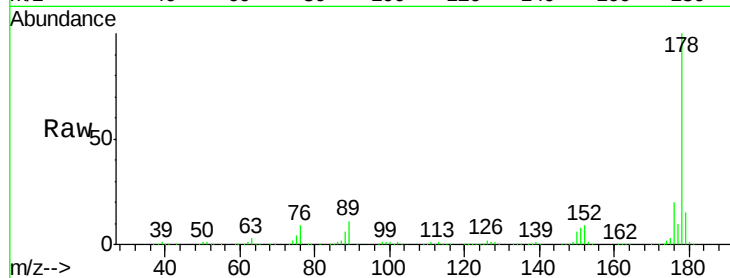




#71
 Anthracene
 Concen: 40.90 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

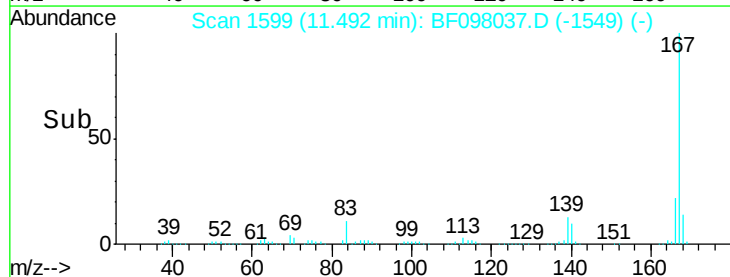
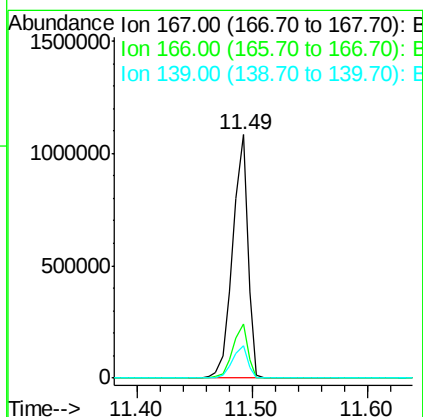
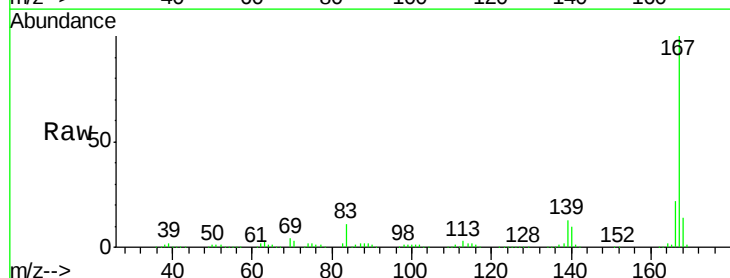
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

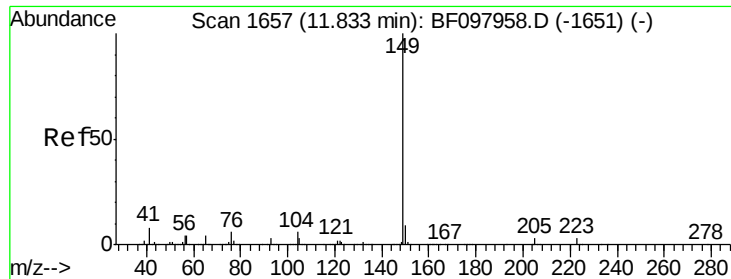
Tot Ion:178 Resp: 1041325
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 41.09 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:167 Resp: 992976
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.01 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

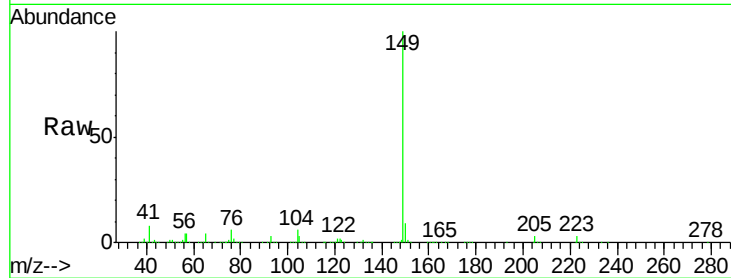
Tot Ion:149 Resp: 1169325

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

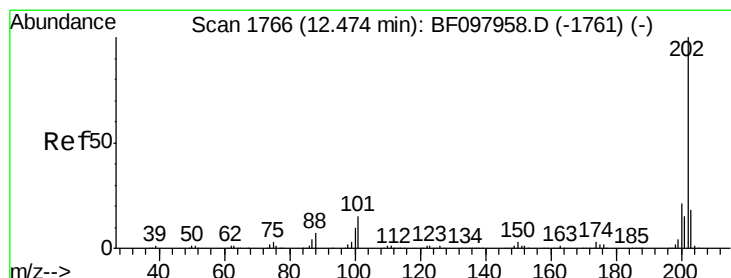
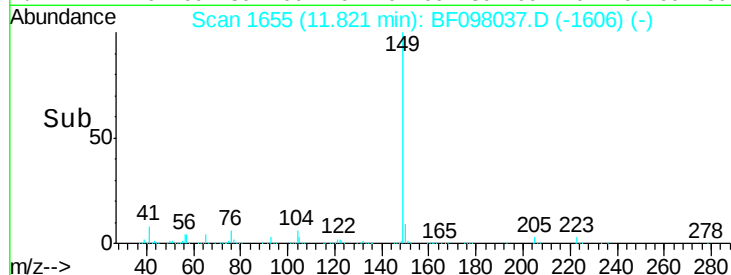
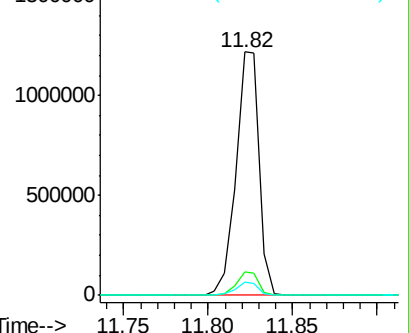
104 5.7 4.0 6.0



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: 40.86 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

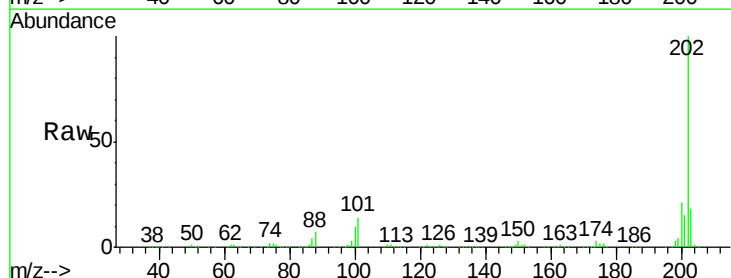
Tgt Ion:202 Resp: 1070429

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

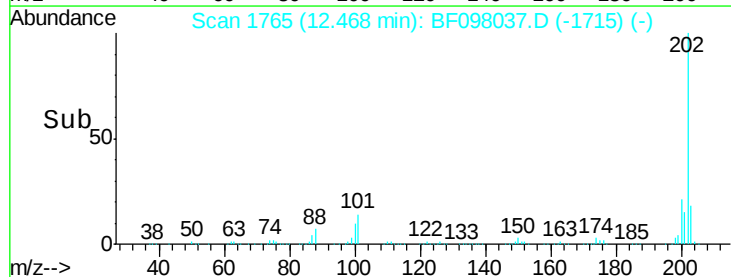
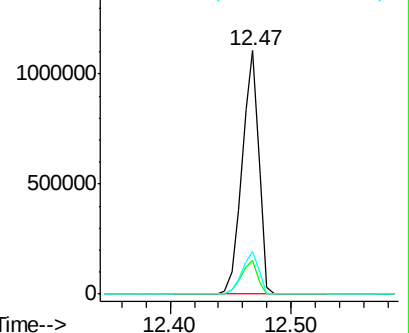
203 17.5 0.0 38.1

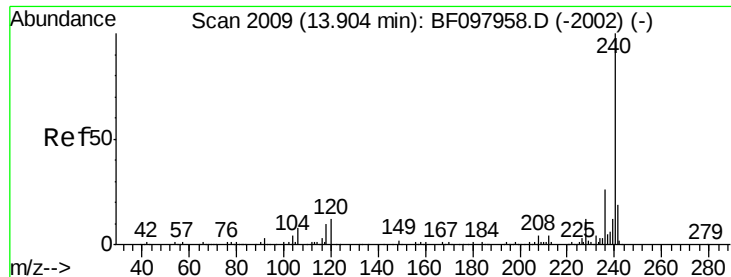


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

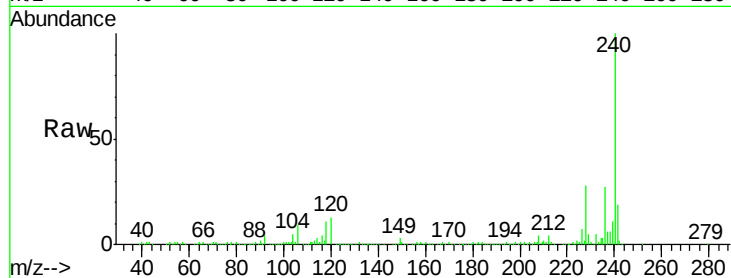
Tot Ion:240 Resp: 329569

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

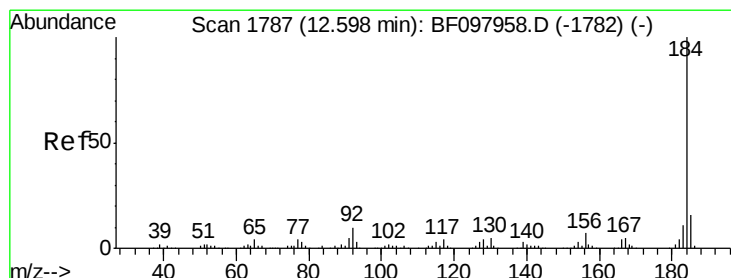
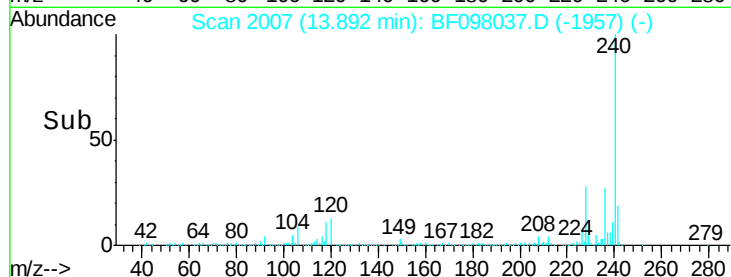
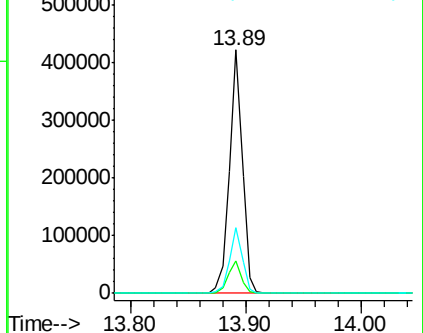
236 27.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.44 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

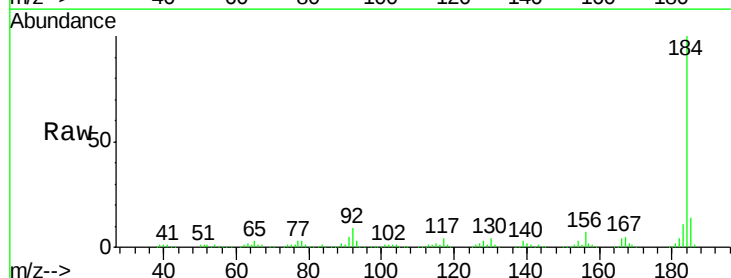
Tgt Ion:184 Resp: 437020

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

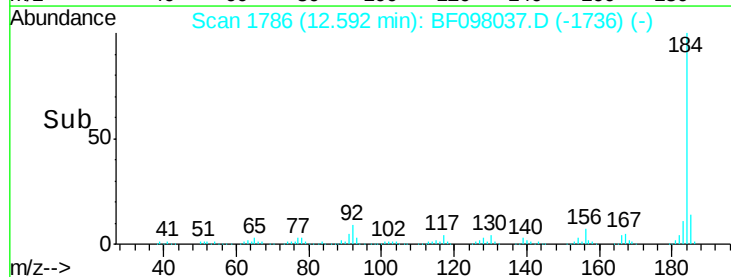
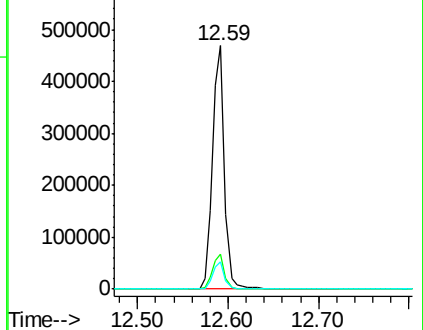
183 11.0 9.8 14.6

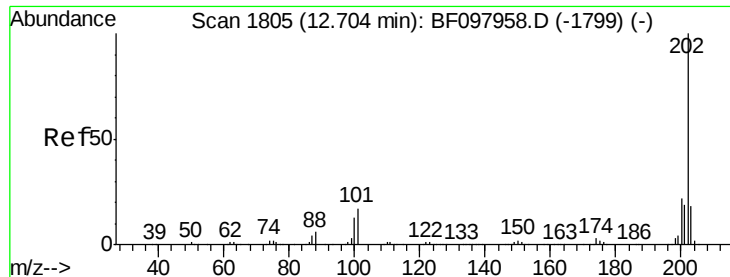


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

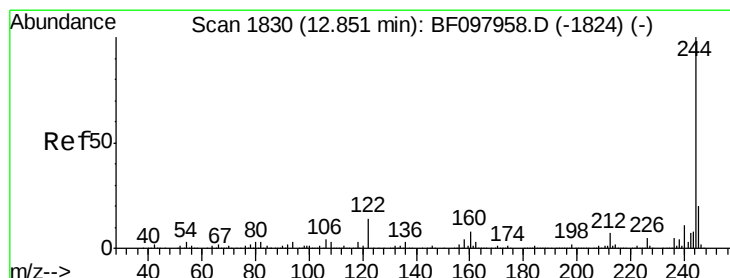
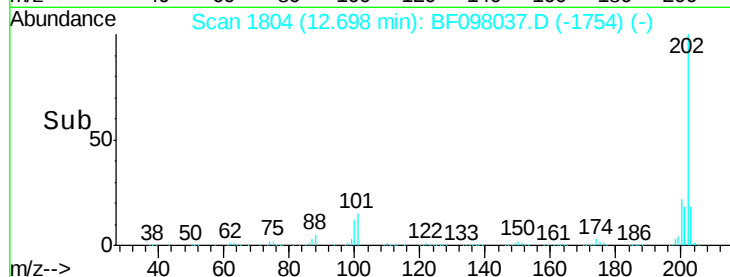
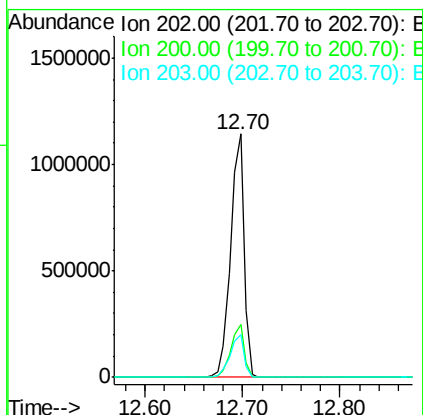
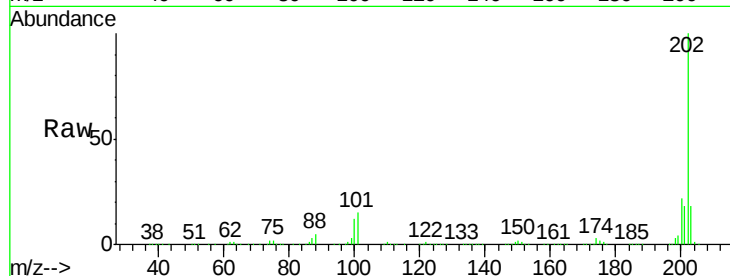




#77
Pvrene
Concen: 40.73 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

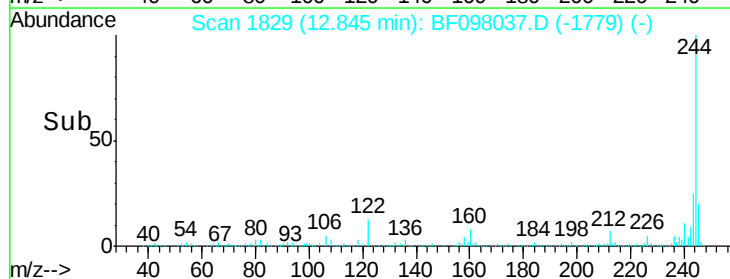
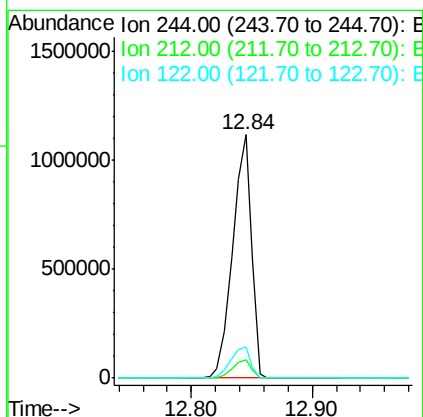
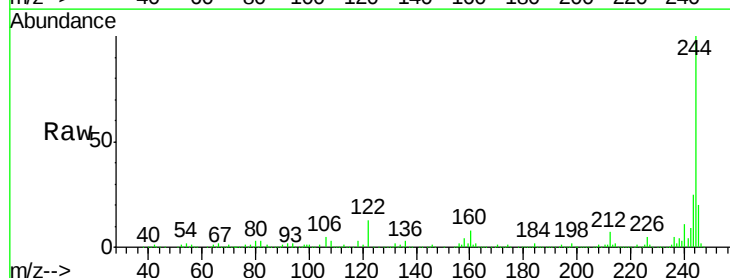
Instrument :
BNA_F
ClientSampleId :
PB101833BS

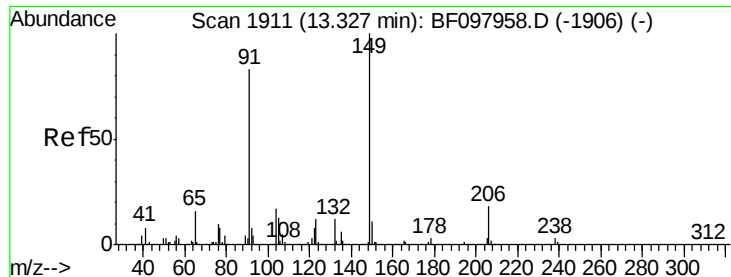
Tot Ion:202 Resp: 1097758
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 76.70 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:244 Resp: 1212230
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.6 10.3 15.5

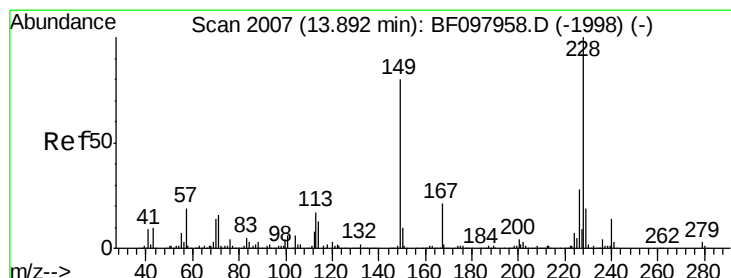
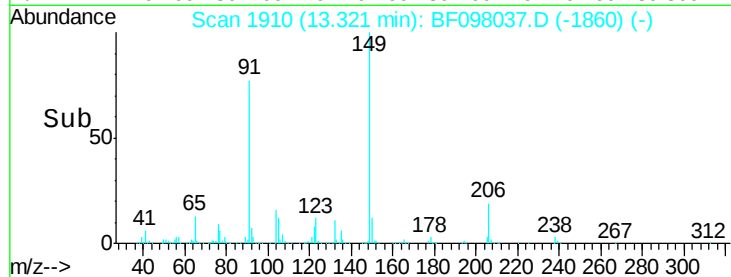
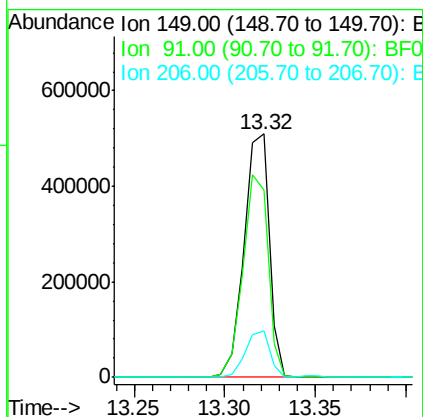
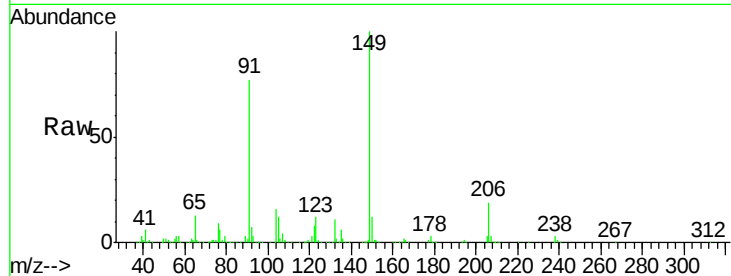




#79
Butylbenzylphthalate
Concen: 47.88 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

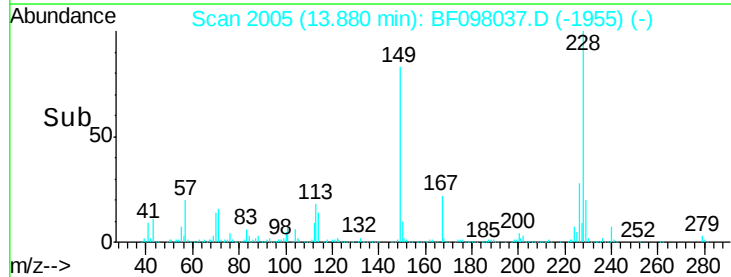
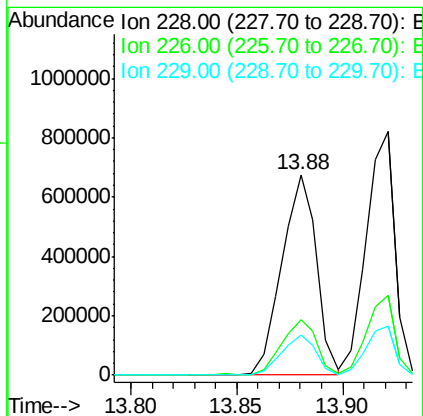
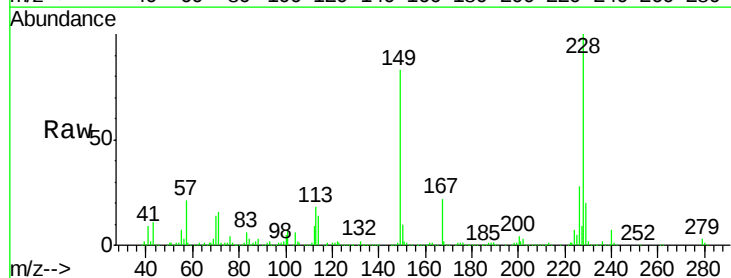
Instrument :
BNA_F
ClientSampleId :
PB101833BS

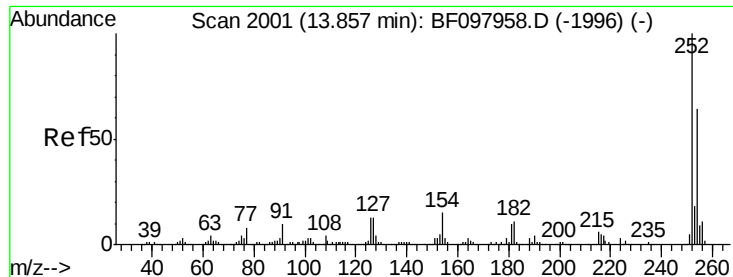
Tot Ion:	149	Resp:	494851
Ion Ratio	Lower	Upper	
149	100		
91	77.0	45.0	67.4#
206	18.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.01 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF098037.D
Acq: 25 Aug 2017 18:24

Tgt Ion:	228	Resp:	770537
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.9	16.3	24.5

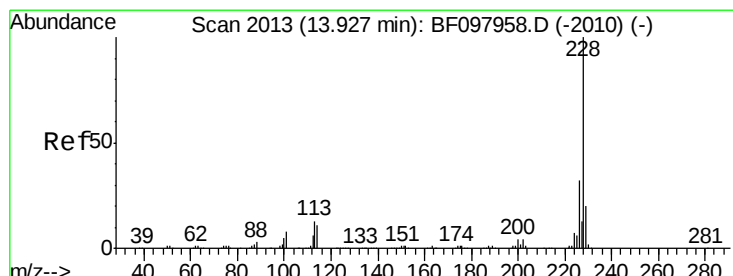
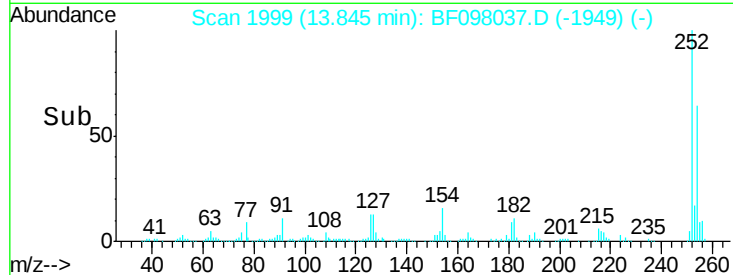
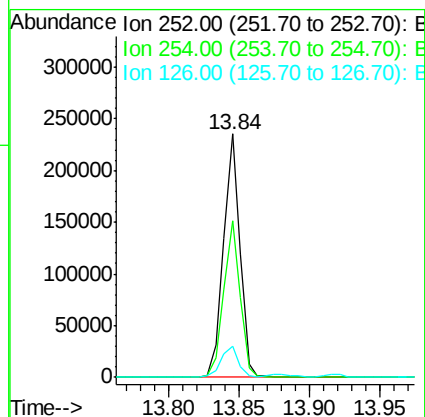
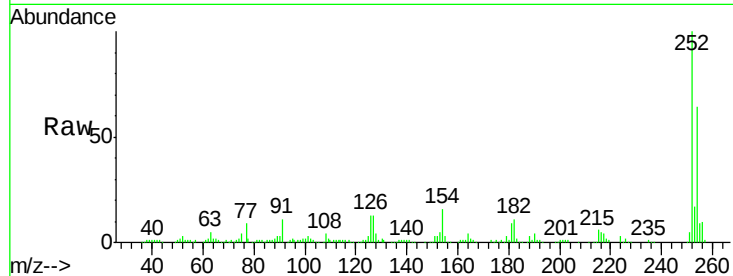




#81
 3,3'-Dichlorobenzidine
 Concen: 28.62 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

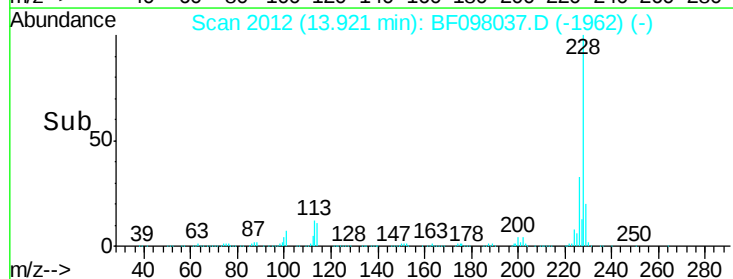
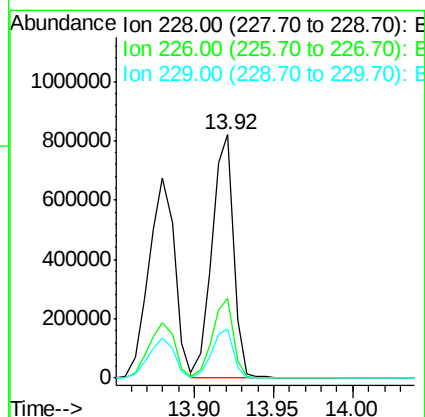
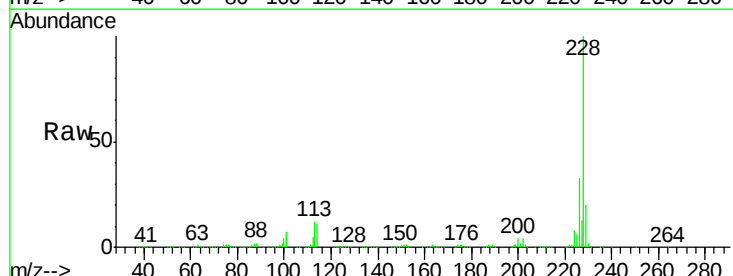
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

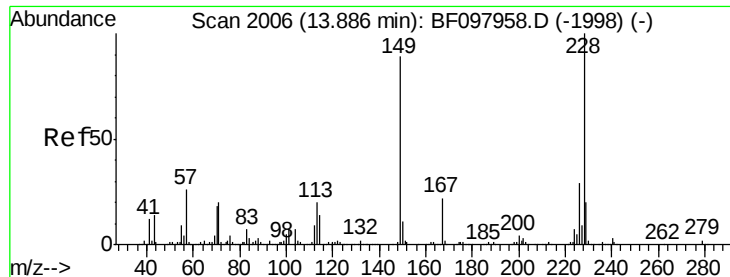
Tot Ion:252 Resp: 190735
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 12.6 15.8 23.8#



#82
 Chrysene
 Concen: 39.69 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:228 Resp: 779966
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 19.9 15.8 23.6

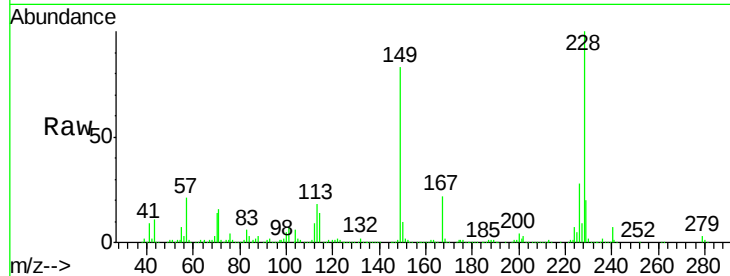




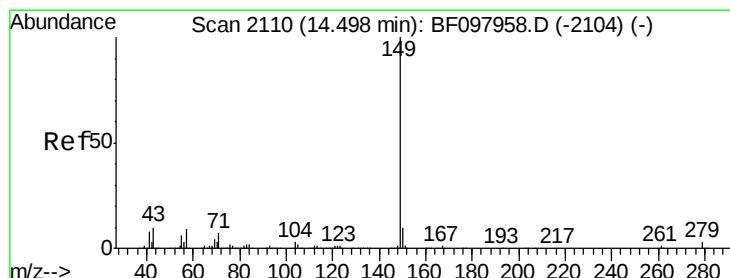
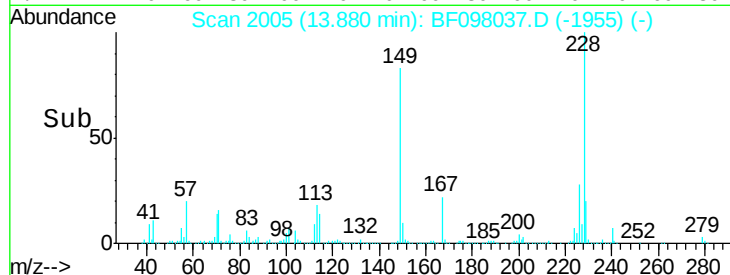
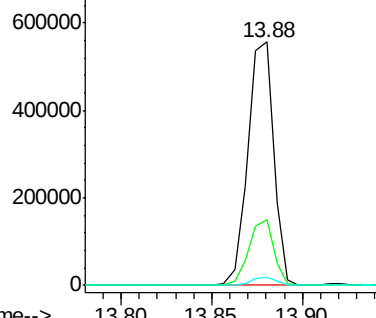
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.32 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

Tot Ion:149	Resp:	553364
Ion Ratio	Lower	Upper
149	100	
167	27.1	21.0 31.4
279	3.5	1.9 2.9#

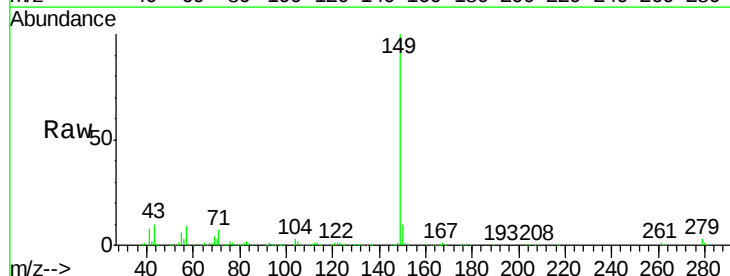


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

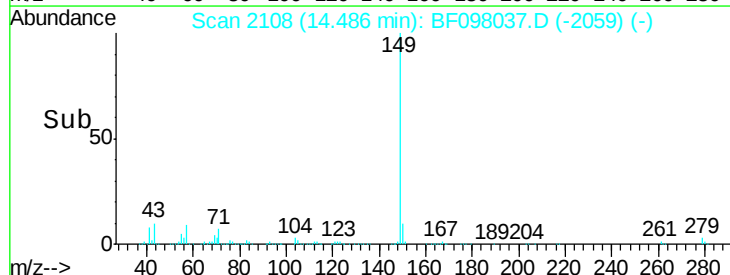
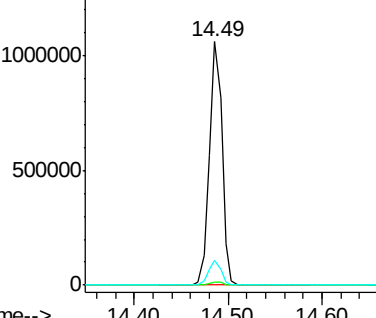


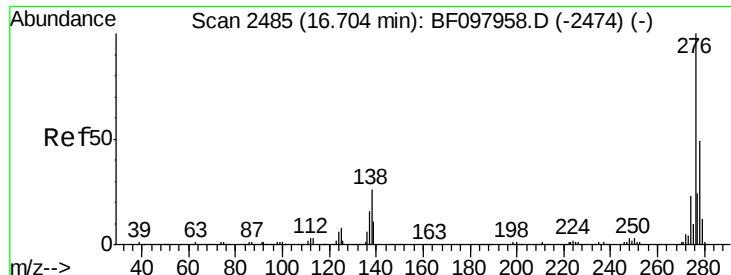
#84
 Di-n-octyl phthalate
 Concen: 49.66 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:149	Resp:	989430
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.2 1.8
43	9.7	8.5 12.7



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

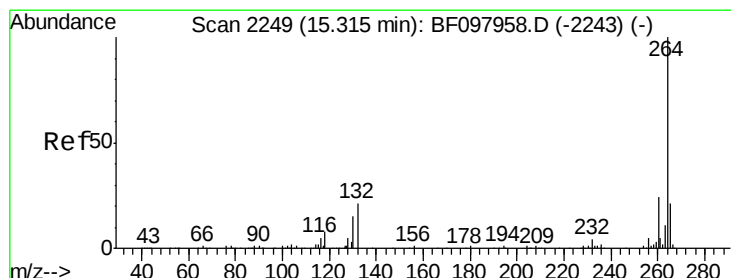
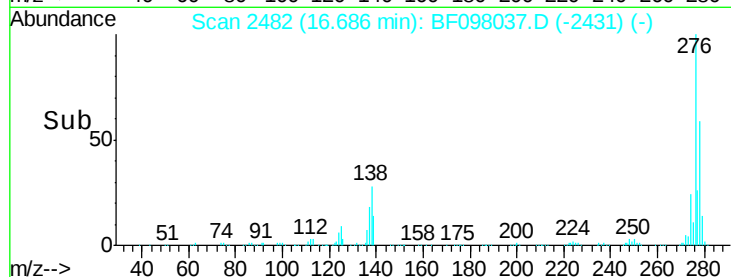
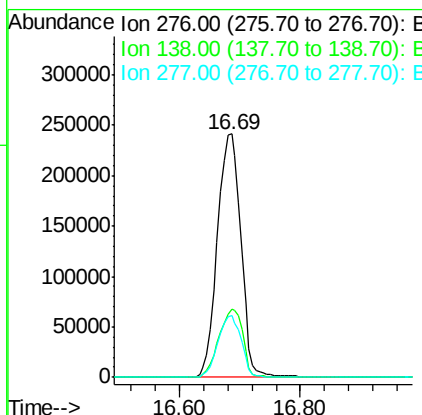
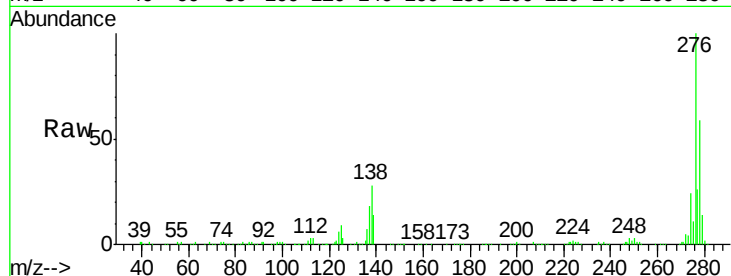




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.28 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

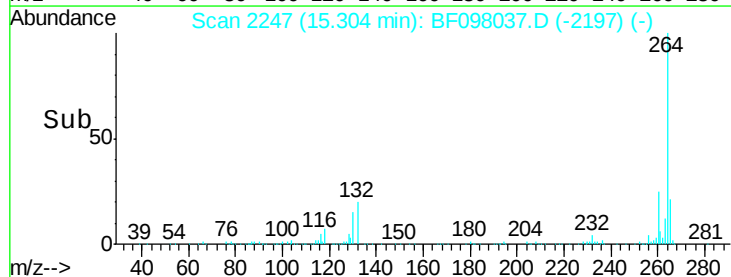
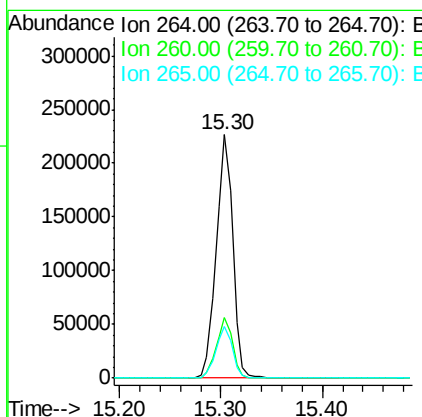
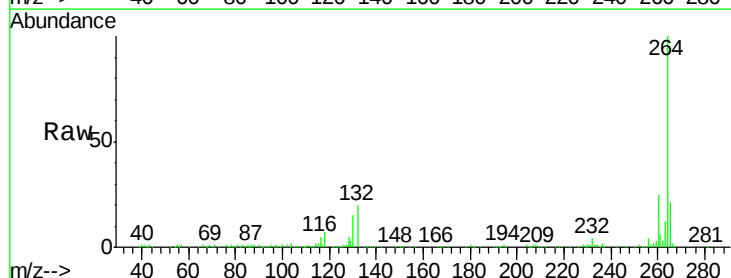
Instrument :
 BNA_F
 ClientSampleId :
 PB101833BS

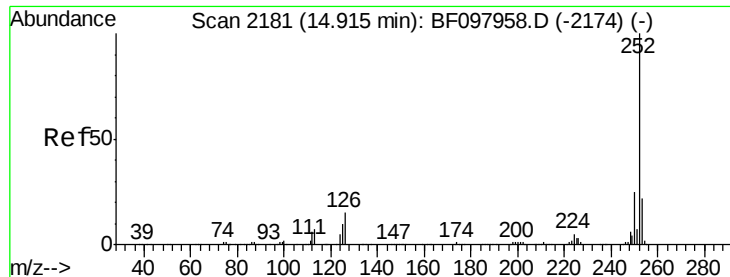
Tot Ion:276 Resp: 654450
 Ion Ratio Lower Upper
 276 100
 138 28.8 27.8 41.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098037.D
 Acq: 25 Aug 2017 18:24

Tgt Ion:264 Resp: 257935
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.81 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

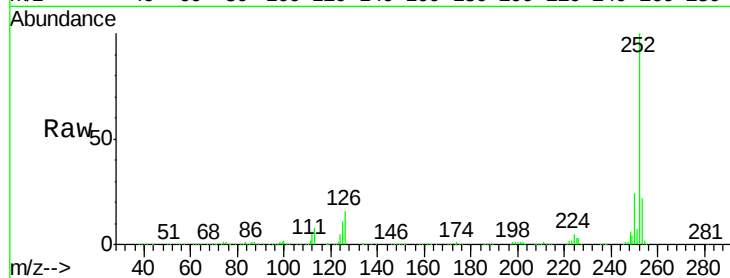
Tot Ion:252 Resp: 663564

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

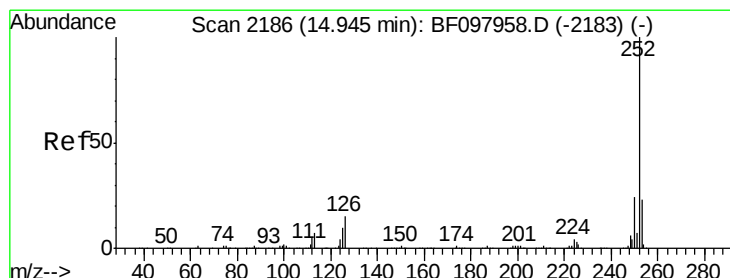
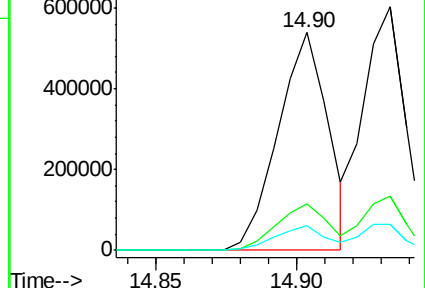
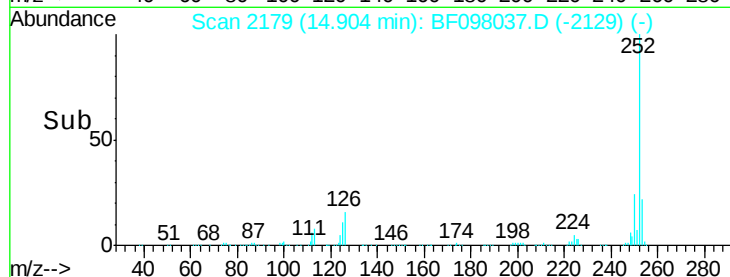
125 11.4 9.8 14.8



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: 40.65 ng

RT: 14.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

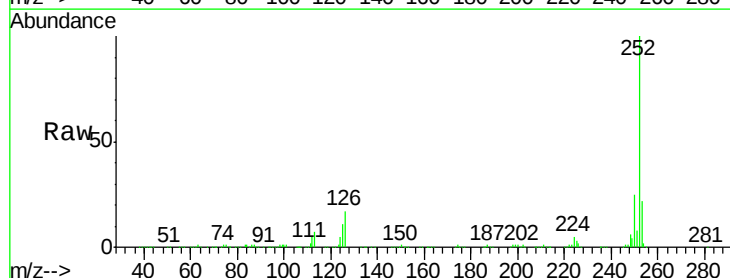
Tgt Ion:252 Resp: 620933

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

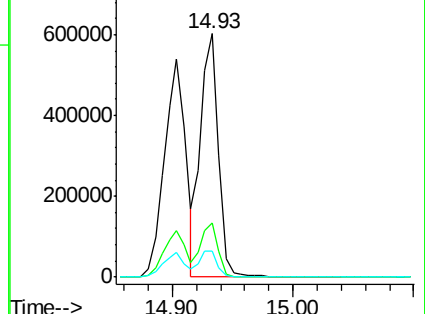
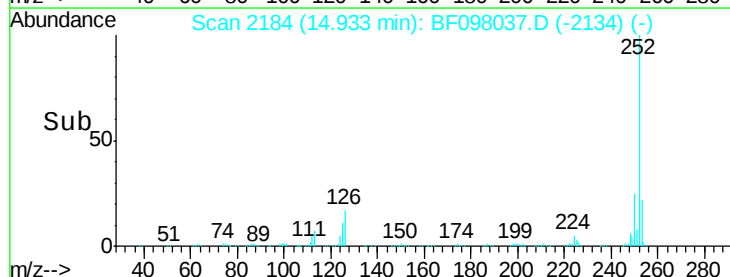
125 10.8 13.1 19.7#

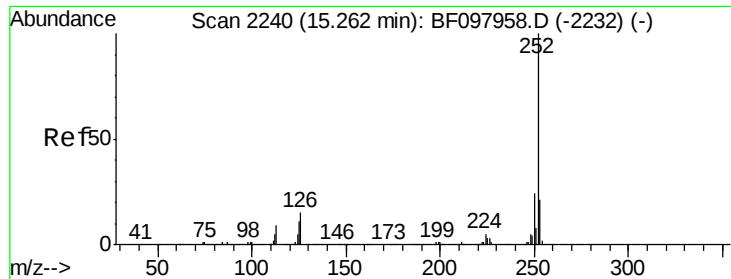


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.31 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

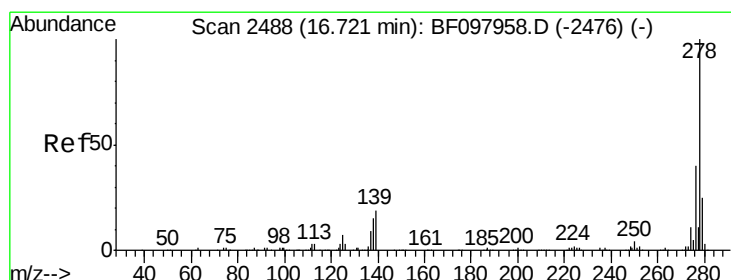
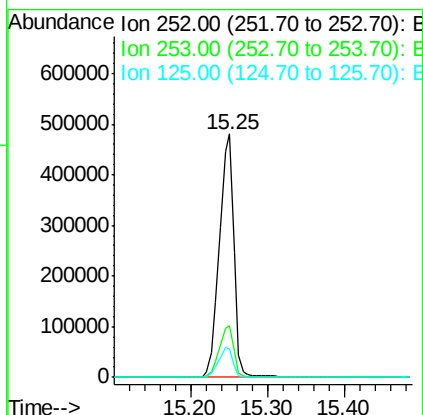
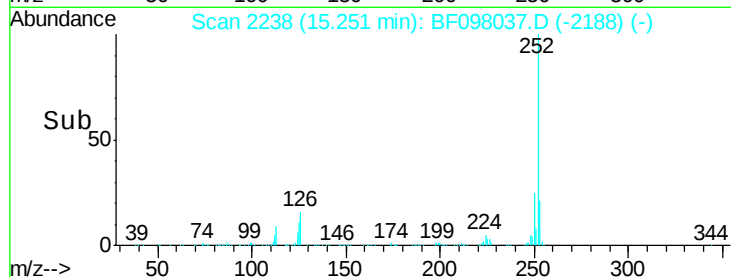
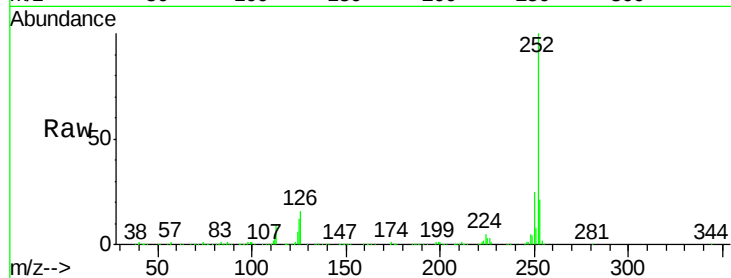
Tot Ion:252 Resp: 623379

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 11.5 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 45.10 ng

RT: 16.70 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

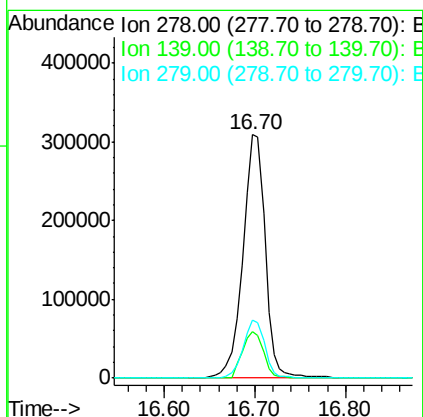
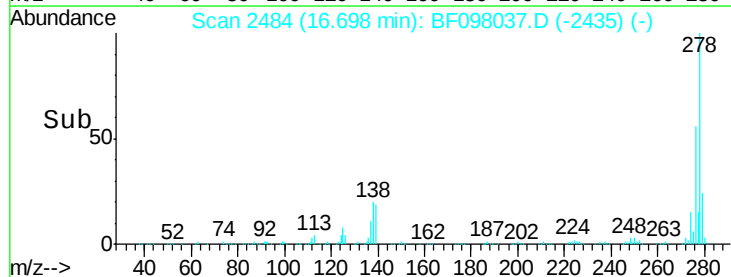
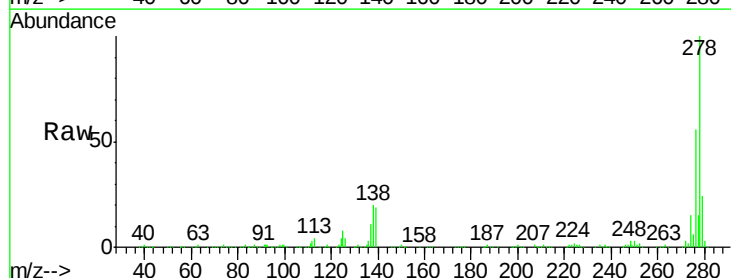
Tgt Ion:278 Resp: 528469

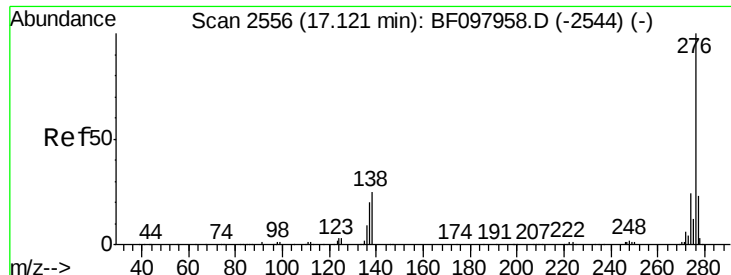
Ion Ratio Lower Upper

278 100

139 19.3 16.6 24.8

279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 46.09 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BF098037.D

Acq: 25 Aug 2017 18:24

Instrument :

BNA_F

ClientSampleId :

PB101833BS

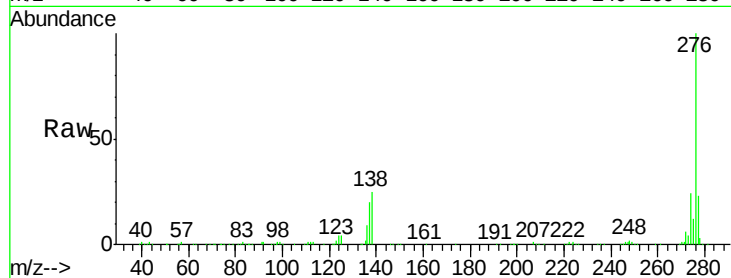
Tot Ion:276 Resp: 563501

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.9 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

