

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097323.D
 Acq On : 3 Aug 2017 18:15
 Operator : SJ/JU
 Sample : PB101187BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Quant Time: Aug 04 01:06:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	116546	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	498553	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	225773	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	365451	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	217750	20.00	ng	-0.06
86) Perylene-d12	14.90	264	228582	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	971670	125.68	ng	-0.04
7) Phenol-d6	6.12	99	1143450	129.55	ng	-0.05
23) Nitrobenzene-d5	7.02	82	733993	86.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	213841	119.88	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	1185845	89.14	ng	-0.06
78) Terphenyl-d14	12.52	244	908948	85.11	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	128844	39.936	ng	# 75
3) Pyridine	2.66	79	401895	40.681	ng	# 67
4) n-Nitrosodimethylamine	2.62	42	241454	44.117	ng	# 83
6) Aniline	6.11	93	345290	31.089	ng	# 86
8) 2-Chlorophenol	6.24	128	339621	41.083	ng	# 94
9) Benzaldehyde	5.99	77	140312	26.858	ng	# 98
10) Phenol	6.13	94	445580	42.562	ng	# 97
11) bis(2-Chloroethyl)ether	6.20	93	375878	45.396	ng	# 93
12) 1,3-Dichlorobenzene	6.39	146	365984	41.081	ng	# 99
13) 1,4-Dichlorobenzene	6.46	146	380004	43.041	ng	# 96
14) 1,2-Dichlorobenzene	6.62	146	328998	42.678	ng	# 98
15) Benzyl Alcohol	6.61	79	287911	51.523	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.73	45	761253	45.838	ng	# 65
17) 2-Methylphenol	6.74	107	300607	47.116	ng	# 90
18) Hexachloroethane	6.95	117	139404	43.160	ng	# 79
19) n-Nitroso-di-n-propylamine	6.88	70	262252	45.142	ng	# 82
20) 3+4-Methylphenols	6.90	107	398746	47.852	ng	# 63
22) Acetophenone	6.87	105	500899	41.837	ng	# 97
24) Nitrobenzene	7.04	77	380803	43.024	ng	# 91
25) Isophorone	7.29	82	695720	41.802	ng	# 96
26) 2-Nitrophenol	7.36	139	206285	43.079	ng	# 88
27) 2,4-Dimethylphenol	7.42	122	355969	45.064	ng	# 96
28) bis(2-Chloroethoxy)methane	7.50	93	507307	46.709	ng	# 100
29) 2,4-Dichlorophenol	7.60	162	311695	45.804	ng	# 93
30) 1,2,4-Trichlorobenzene	7.67	180	281602	43.415	ng	# 98
31) Naphthalene	7.75	128	1043184	44.388	ng	# 99
32) Benzoic acid	7.59	122	265146	44.952	ng	# 98
33) 4-Chloroaniline	7.81	127	305030	31.898	ng	# 98
34) Hexachlorobutadiene	7.87	225	142118	41.329	ng	# 97
35) Caprolactam	8.19	113	62796	28.778	ng	# 55
36) 4-Chloro-3-methylphenol	8.32	107	335350	45.171	ng	# 90
37) 2-Methylnaphthalene	8.44	142	699090	46.982	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.61	216	250347	41.557	ng	# 98
40) Hexachlorocyclopentadiene	8.59	237	146602	70.450	ng	# 97

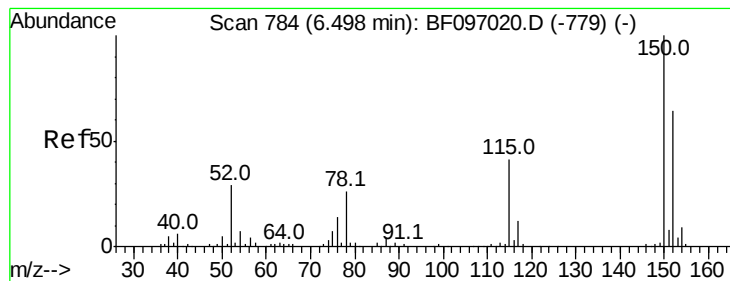
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	171446	39.272	ng	96
43) 2,4,5-Trichlorophenol	8.78	196	174276	39.884	ng	97
45) 1,1'-Biphenyl	8.90	154	757257	39.268	ng	98
46) 2-Chloronaphthalene	8.92	162	594487	41.892	ng	# 92
47) 2-Nitroaniline	9.03	65	230187	44.696	ng	93
48) Acenaphthylene	9.33	152	878835	40.347	ng	99
49) Dimethylphthalate	9.22	163	716392	41.785	ng	99
50) 2,6-Dinitrotoluene	9.27	165	157746	43.381	ng	# 69
51) Acenaphthene	9.50	154	560756	43.705	ng	98
52) 3-Nitroaniline	9.44	138	126938	28.124	ng	99
53) 2,4-Dinitrophenol	9.56	184	160585	97.127	ng	# 72
54) Dibenzofuran	9.67	168	789145	46.176	ng	95
55) 4-Nitrophenol	9.64	139	203808	75.931	ng	# 57
56) 2,4-Dinitrotoluene	9.69	165	191858	45.896	ng	# 84
57) Fluorene	10.02	166	542283	42.219	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	139891	46.367	ng	95
59) Diethylphthalate	9.91	149	671845	42.713	ng	99
60) 4-Chlorophenyl-phenylether	10.01	204	223089	42.060	ng	98
61) 4-Nitroaniline	10.06	138	162571	37.907	ng	93
62) Azobenzene	10.17	77	664439	45.535	ng	93
64) 4,6-Dinitro-2-methylphenol	10.10	198	102910	45.317	ng	# 82
65) n-Nitrosodiphenylamine	10.13	169	546723	42.996	ng	99
66) 4-Bromophenyl-phenylether	10.49	248	151048	41.416	ng	91
67) Hexachlorobenzene	10.56	284	158709	38.806	ng	# 87
68) Atrazine	10.67	200	158841	43.563	ng	94
69) Pentachlorophenol	10.77	266	126820	74.944	ng	97
70) Phenanthrene	10.97	178	858250	43.831	ng	98
71) Anthracene	11.02	178	867174	43.239	ng	99
72) Carbazole	11.18	167	853374	43.266	ng	99
73) Di-n-butylphthalate	11.52	149	1000727	41.046	ng	99
74) Fluoranthene	12.14	202	810974	42.277	ng	99
76) Benzidine	12.27	184	194403	24.061	ng	# 92
77) Pyrene	12.37	202	867807	48.681	ng	100
79) Butylbenzylphthalate	13.00	149	433620	47.819	ng	# 76
80) Benzo(a)anthracene	13.55	228	659768	46.827	ng	99
81) 3,3'-Dichlorobenzidine	13.52	252	202620	38.136	ng	# 94
82) Chrysene	13.59	228	676941	49.204	ng	99
83) Bis(2-ethylhexyl)phthalate	13.57	149	517826	43.737	ng	# 98
84) Di-n-octyl phthalate	14.17	149	1064700	49.003	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.10	276	521531	44.209	ng	96
87) Benzo(b)fluoranthene	14.55	252	611018	44.468	ng	98
88) Benzo(k)fluoranthene	14.57	252	543881	41.538	ng	98
89) Benzo(a)pyrene	14.85	252	564406	44.881	ng	98
90) Dibenzo(a,h)anthracene	16.11	278	435816	42.260	ng	97
91) Benzo(g,h,i)perylene	16.45	276	472036	43.648	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

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PB101187BS

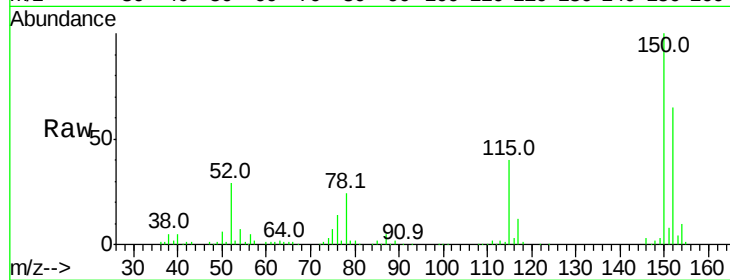
Tot Ion:152 Resp: 116546

Ion Ratio Lower Upper

152 100

150 153.3 126.2 189.2

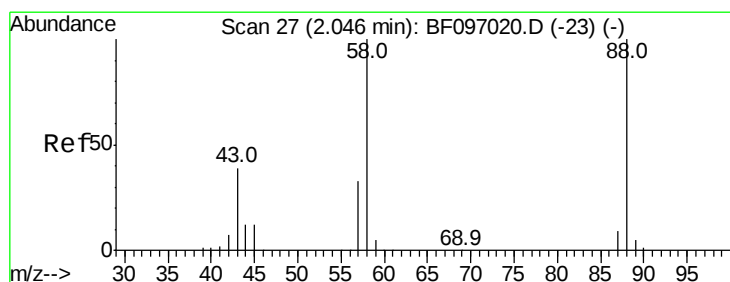
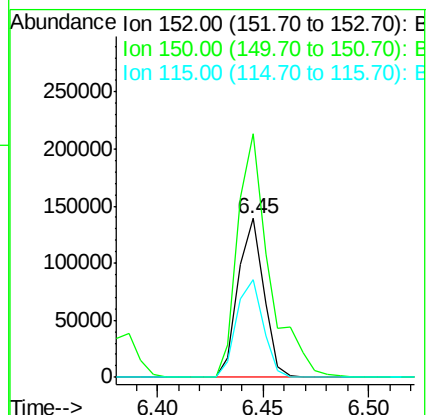
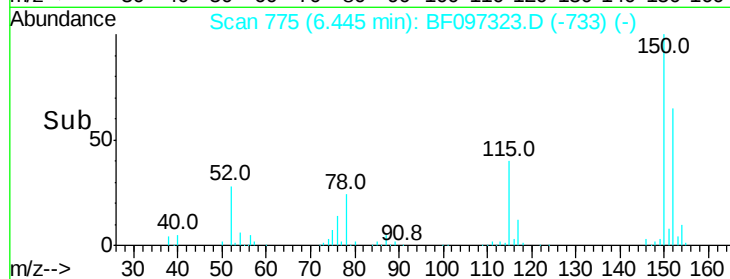
115 61.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.936 ng

RT: 2.06 min Scan# 29

Delta R.T. 0.01 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

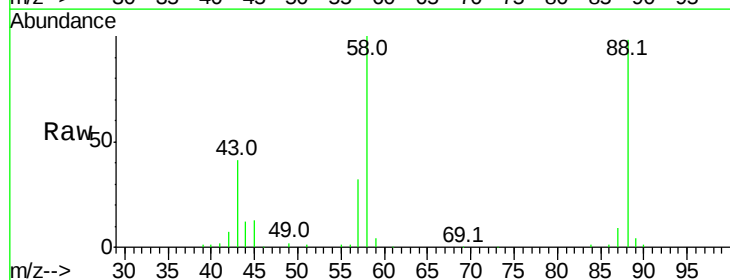
Tgt Ion: 88 Resp: 128844

Ion Ratio Lower Upper

88 100

58 100.4 61.4 92.0#

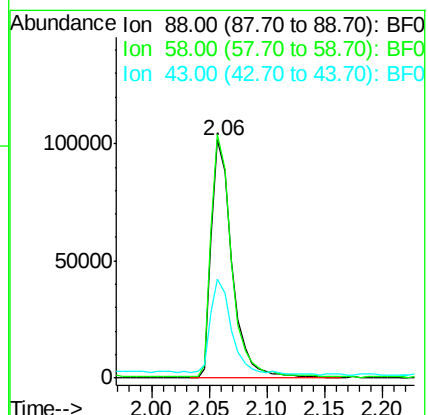
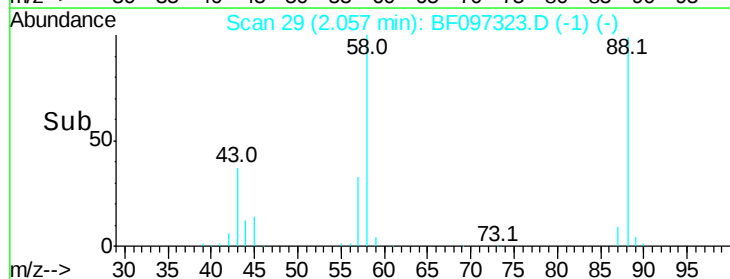
43 39.9 23.4 35.0#

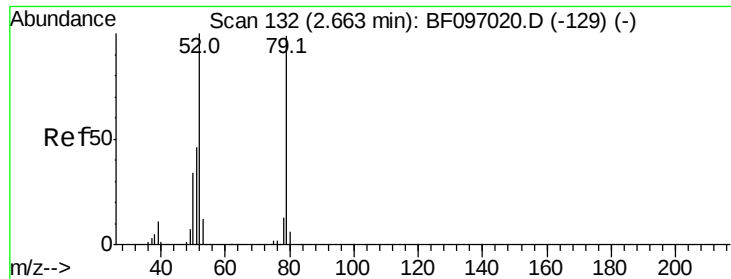


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.681 ng

RT: 2.66 min Scan# 131

Delta R.T. -0.01 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

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ClientSampleId :

PB101187BS

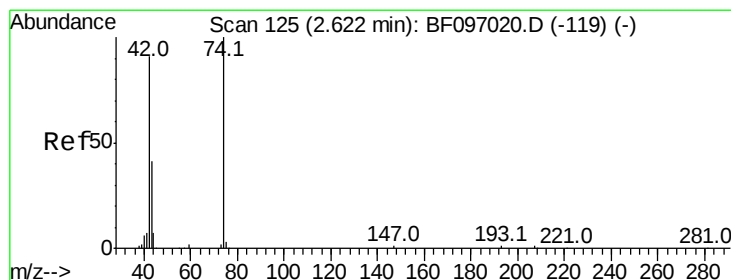
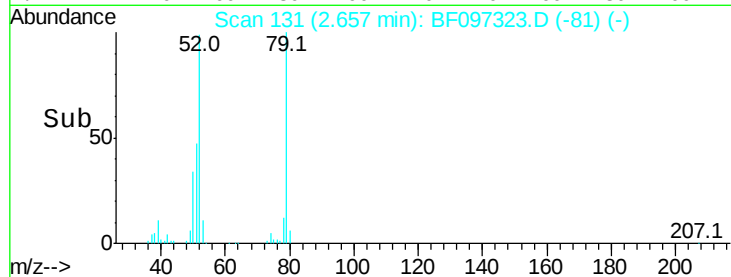
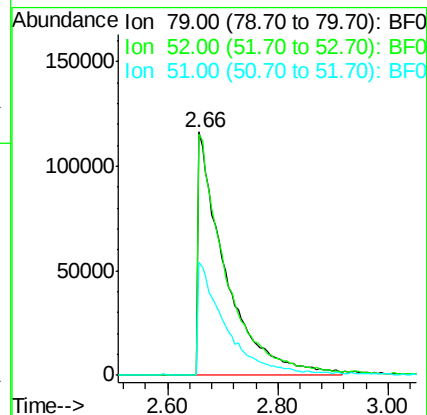
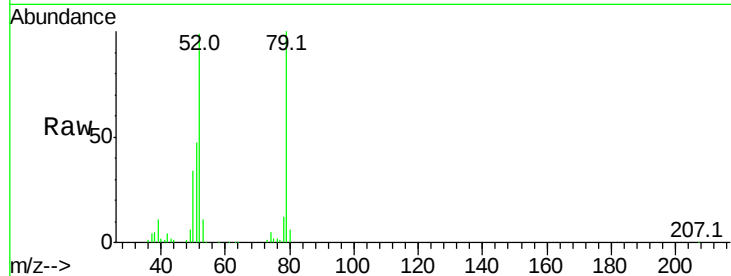
Tot Ion: 79 Resp: 401895

Ion Ratio Lower Upper

79 100

52 98.9 54.8 82.2#

51 46.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 44.117 ng

RT: 2.62 min Scan# 125

Delta R.T. -0.00 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

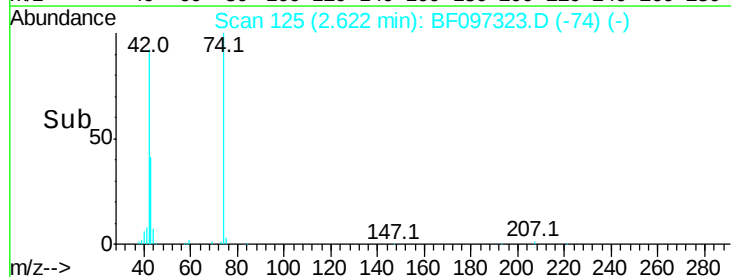
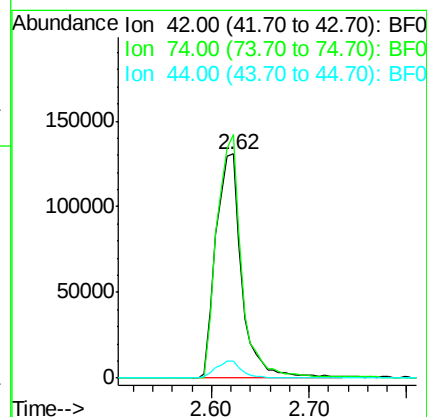
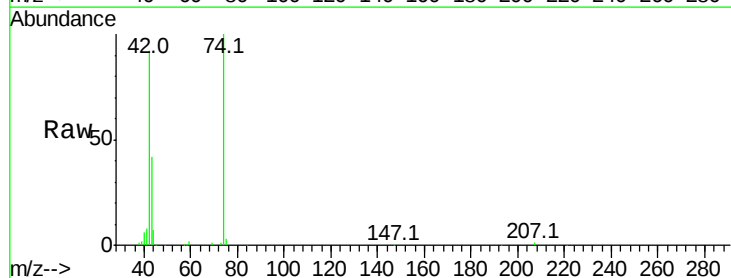
Tgt Ion: 42 Resp: 241454

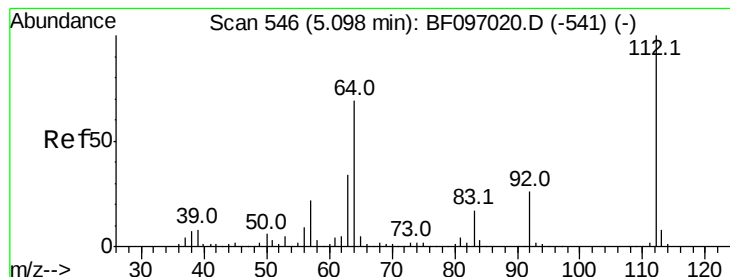
Ion Ratio Lower Upper

42 100

74 108.5 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 125.683 ng

RT: 5.06 min Scan# 540

Delta R.T. -0.04 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

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PB101187BS

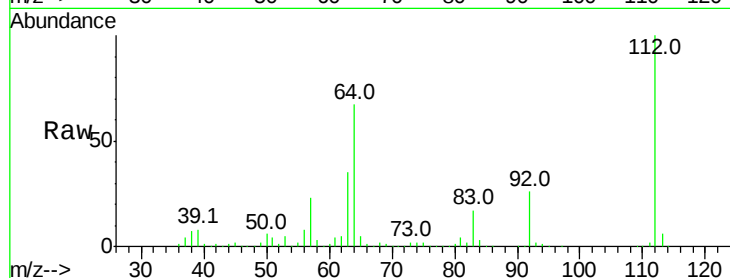
Tot Ion:112 Resp: 971670

Ion Ratio Lower Upper

112 100

64 67.3 46.0 69.0

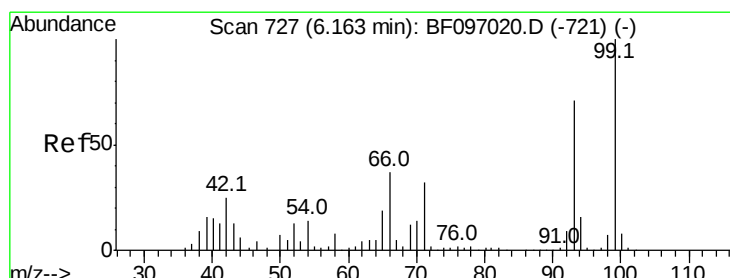
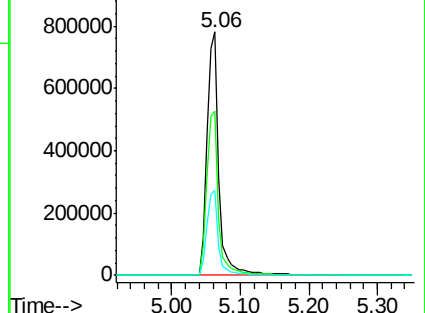
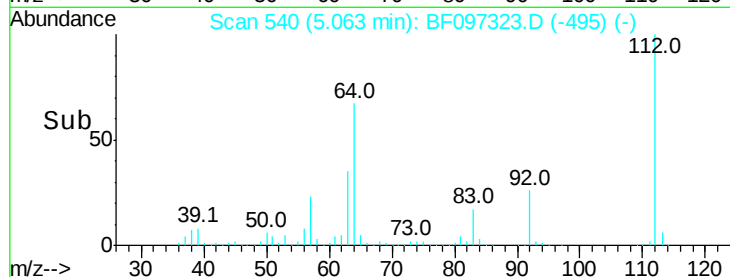
63 34.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.089 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

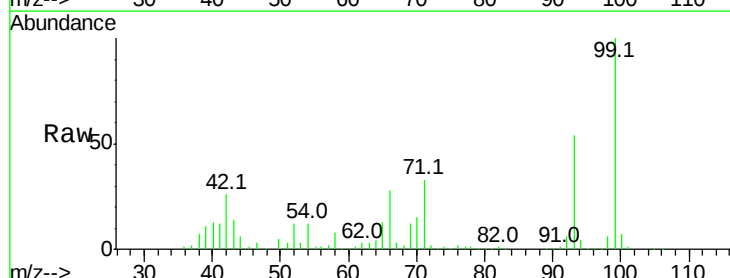
Tgt Ion: 93 Resp: 345290

Ion Ratio Lower Upper

93 100

66 52.0 32.9 49.3#

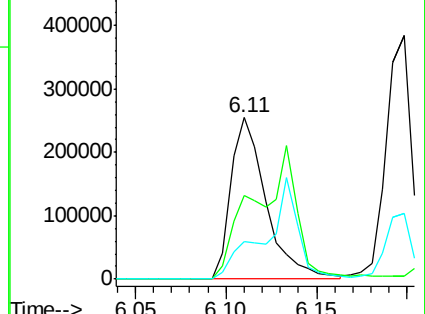
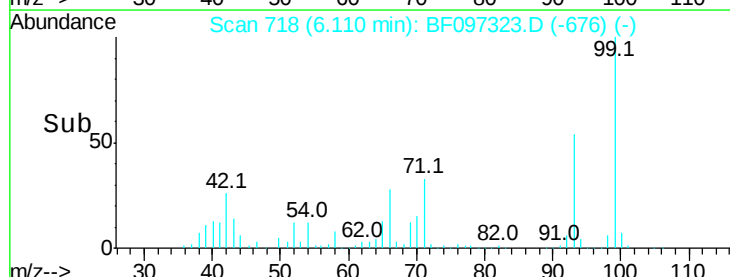
65 23.4 16.0 24.0

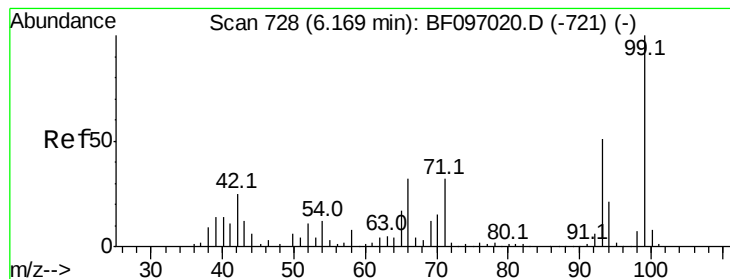


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.555 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

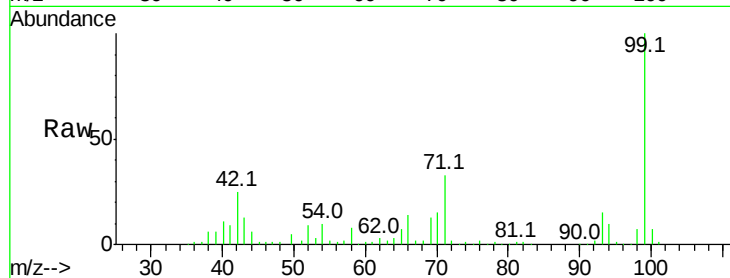
BNA_F

ClientSampleId :

PB101187BS

Tot Ion: 99 Resp: 1143450

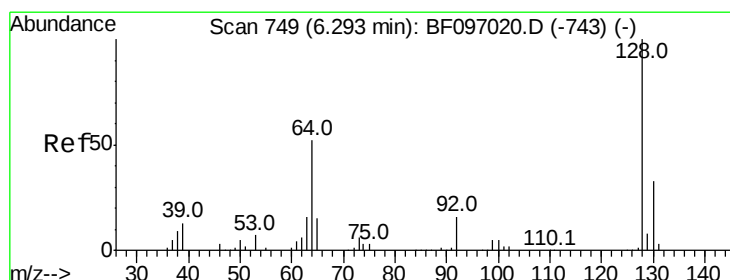
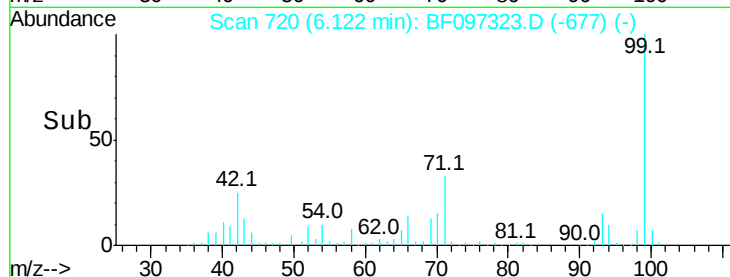
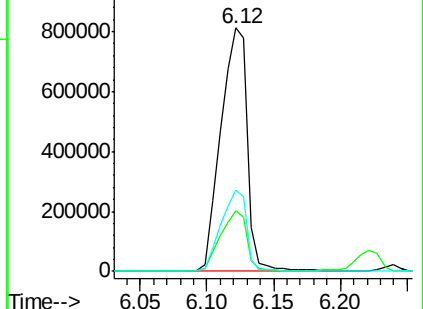
Ion	Ratio	Lower	Upper
99	100		
42	25.0	13.5	20.3#
71	33.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.083 ng

RT: 6.24 min Scan# 740

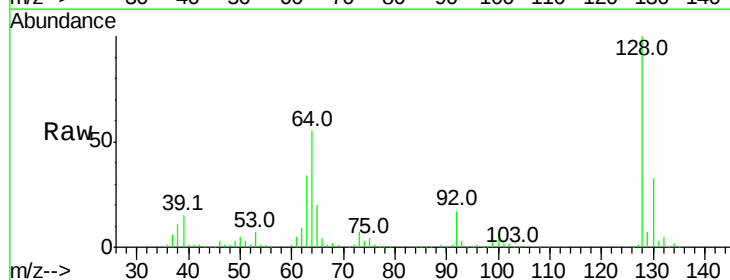
Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:128 Resp: 339621

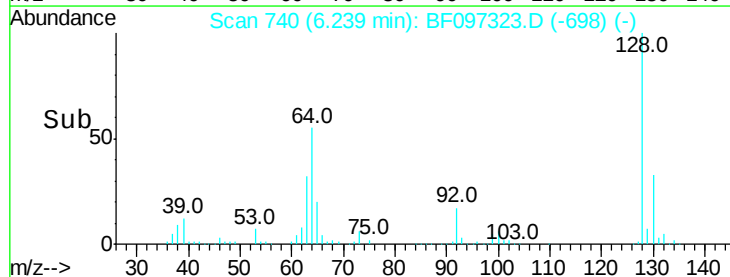
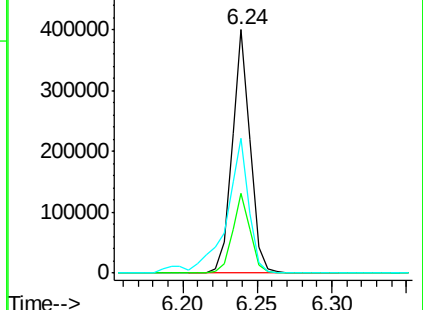
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	55.2	28.4	68.4

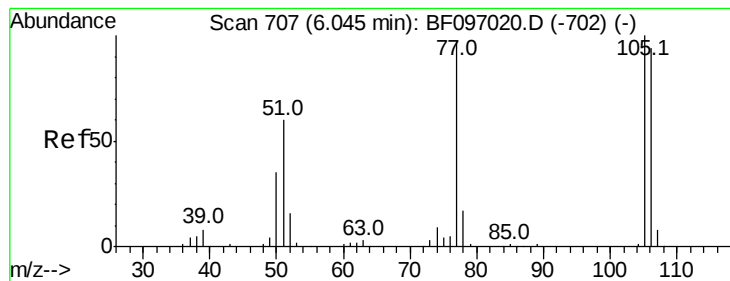


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.858 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

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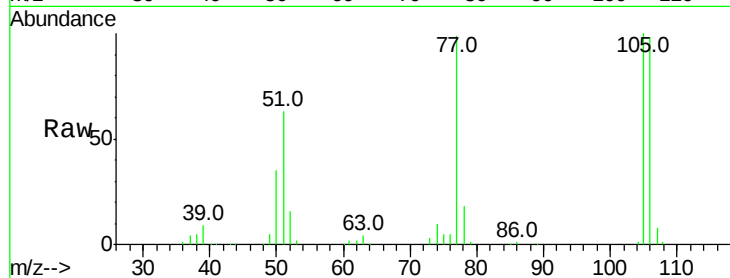
Tot Ion: 77 Resp: 140312

Ion Ratio Lower Upper

77 100

105 100.7 83.8 123.8

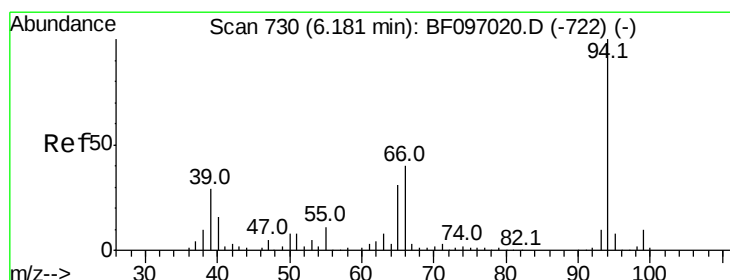
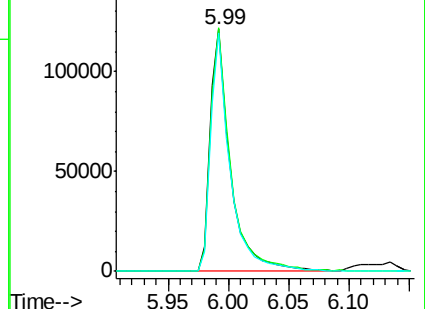
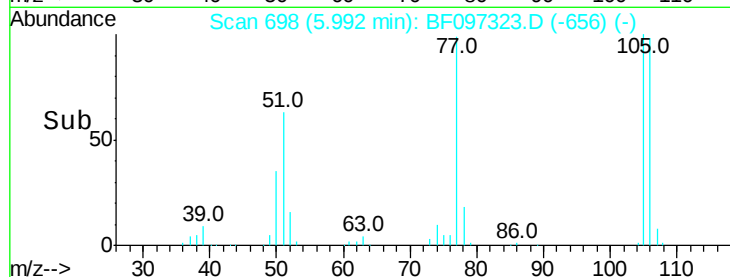
106 98.6 79.1 119.1



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: 42.562 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

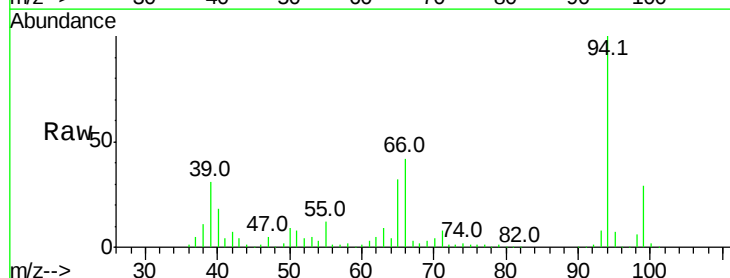
Tgt Ion: 94 Resp: 445580

Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

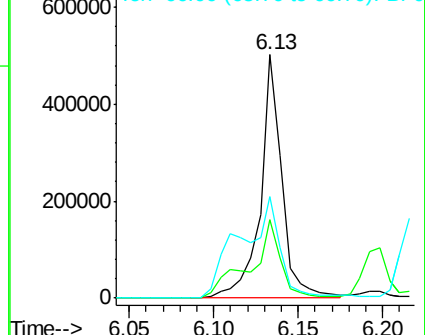
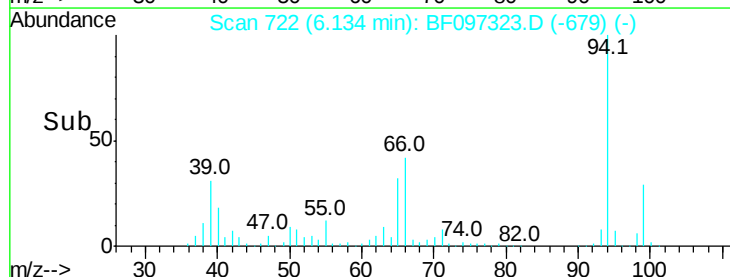
66 41.8 23.1 63.1

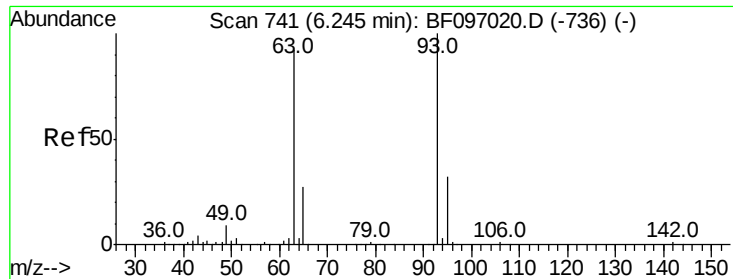


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.396 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

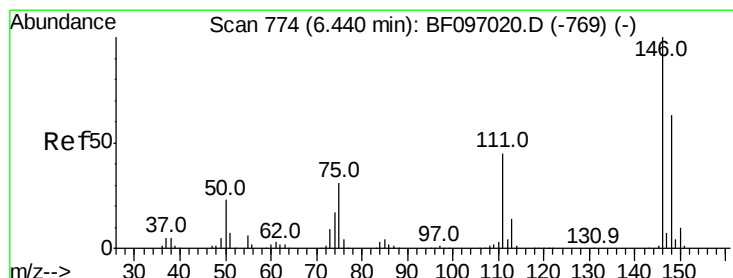
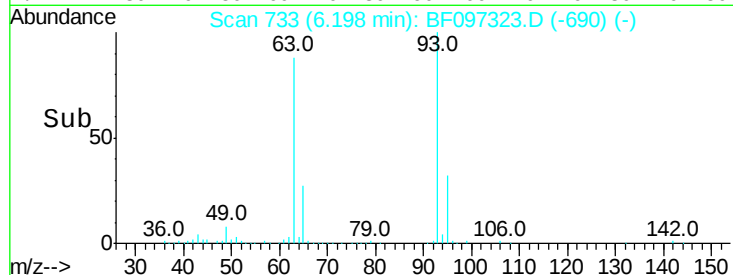
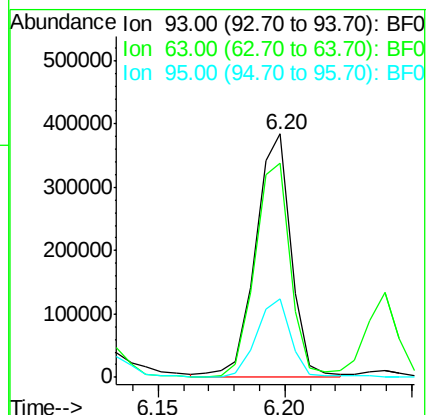
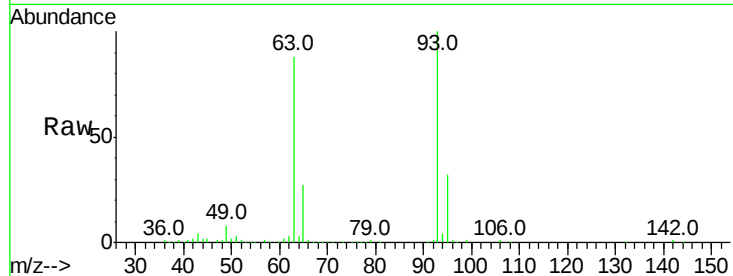
Tot Ion: 93 Resp: 375878

Ion Ratio Lower Upper

93 100

63 87.7 59.2 99.2

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.081 ng

RT: 6.39 min Scan# 765

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

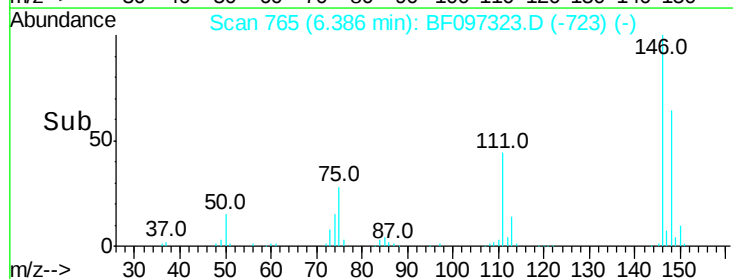
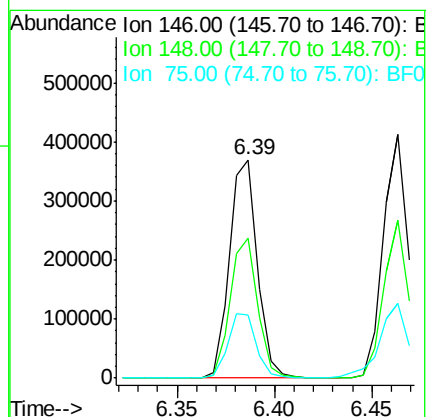
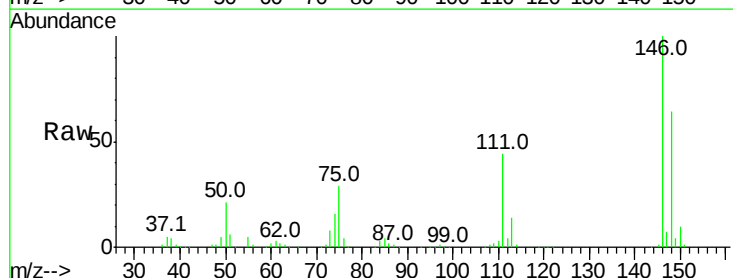
Tgt Ion: 146 Resp: 365984

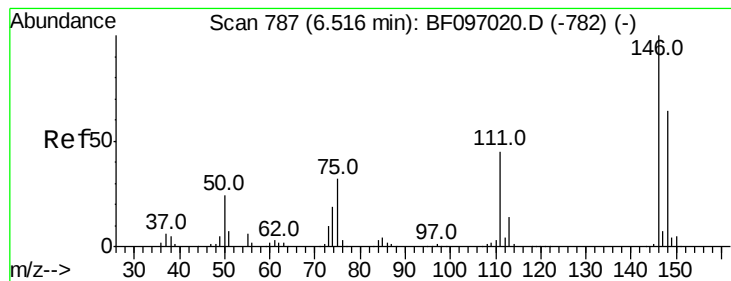
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 29.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 43.041 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

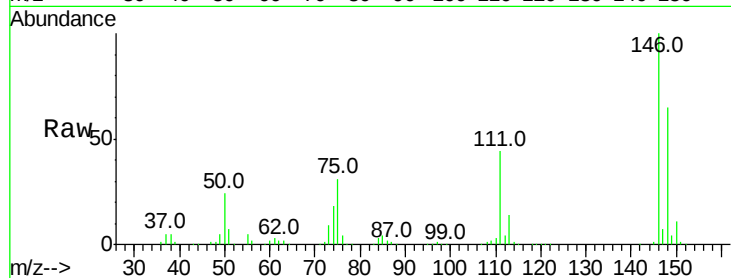
Tot Ion:146 Resp: 380004

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

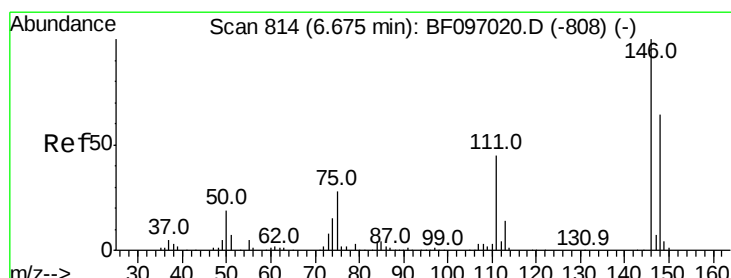
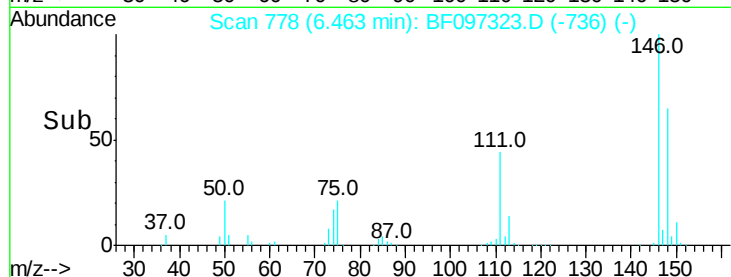
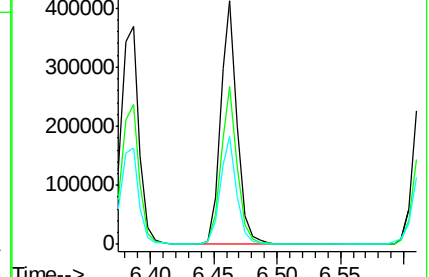
111 44.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.678 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

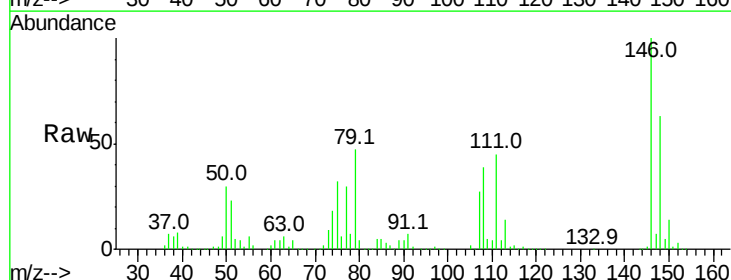
Tgt Ion:146 Resp: 328998

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

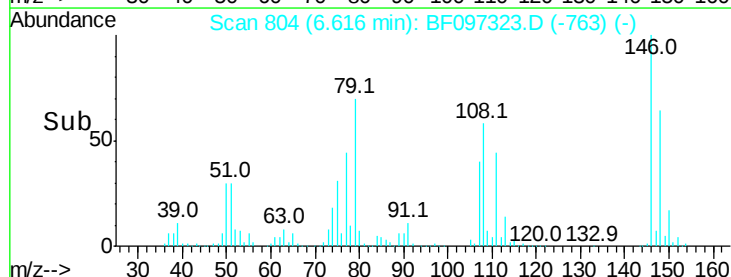
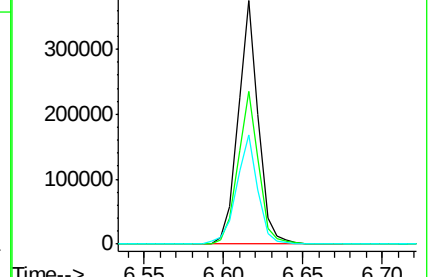
111 45.1 38.2 57.4

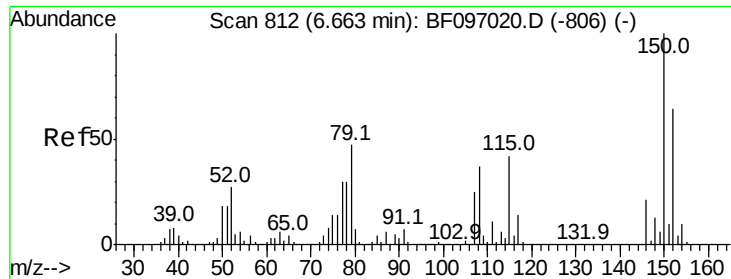


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

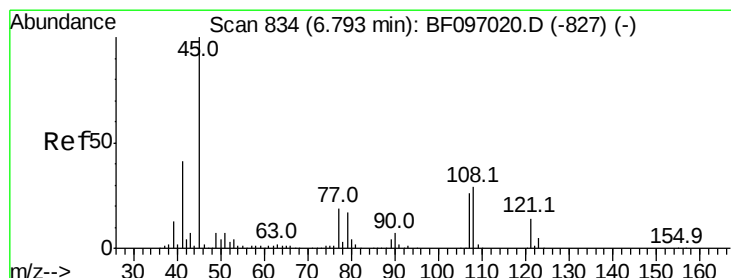
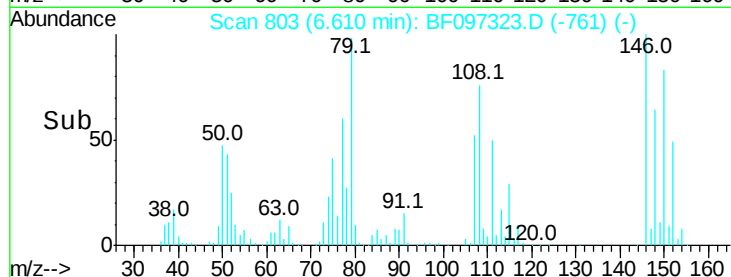
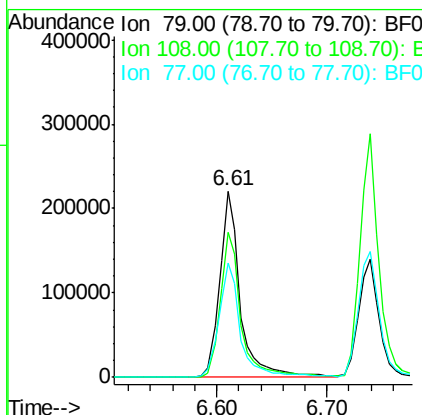
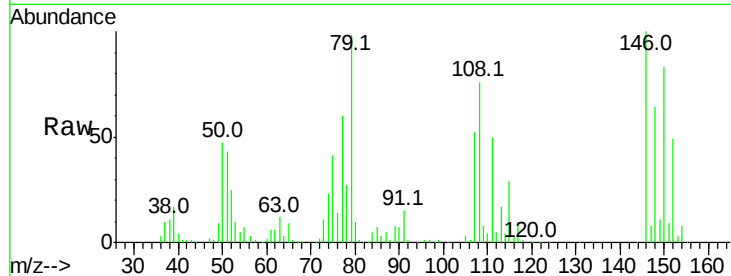




#15
Benzyl Alcohol
Concen: 51.523 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

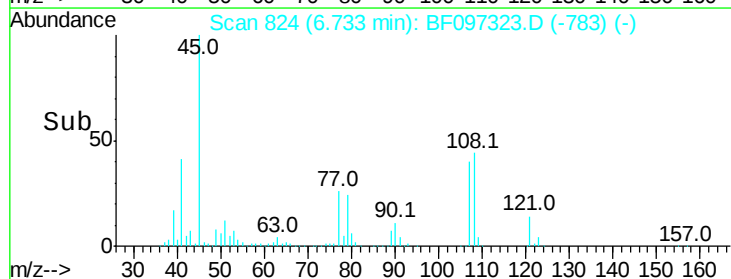
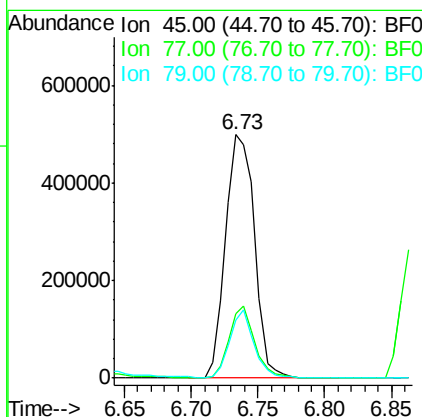
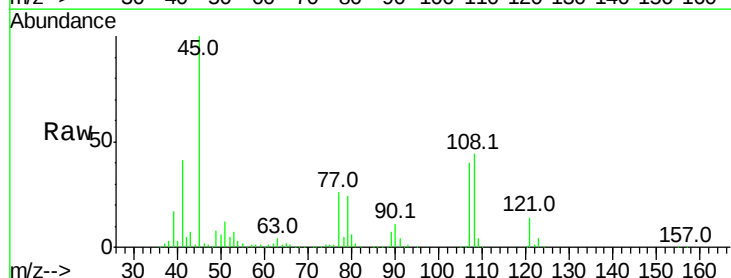
Instrument :
BNA_F
ClientSampleId :
PB101187BS

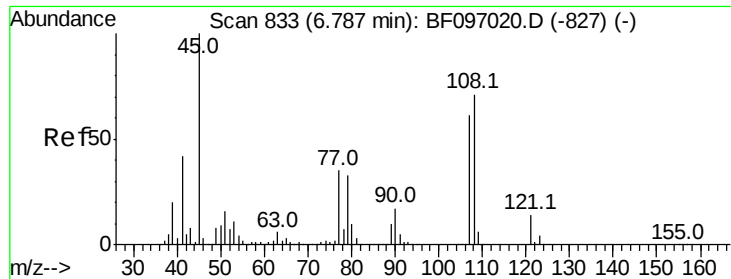
Tot Ion: 79 Resp: 287911
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 61.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.838 ng
RT: 6.73 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion: 45 Resp: 761253
Ion Ratio Lower Upper
45 100
77 26.4 0.0 33.2
79 23.9 0.0 30.0

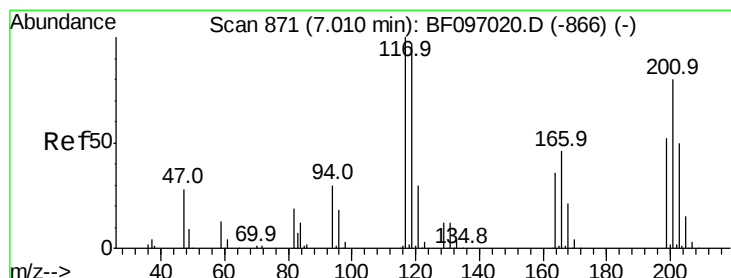
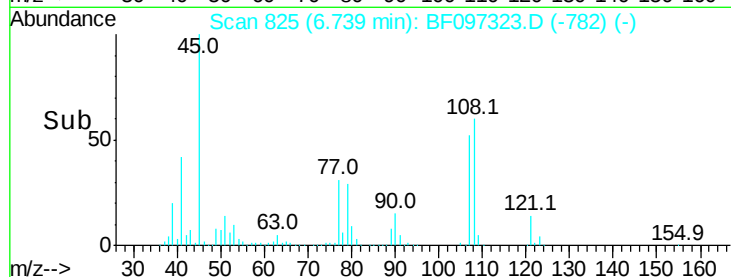
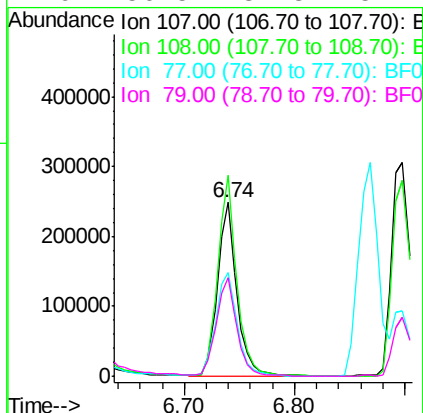
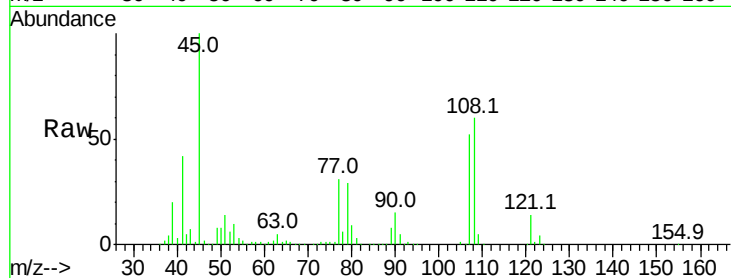




#17
2-Methylphenol
Concen: 47.116 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

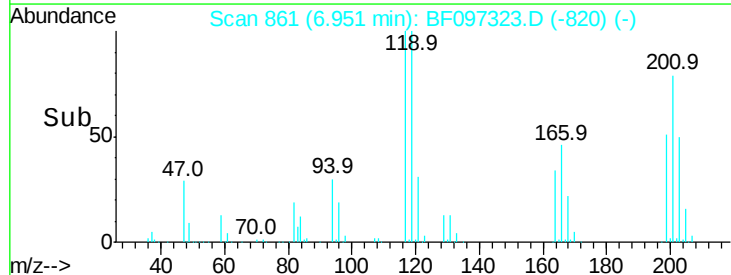
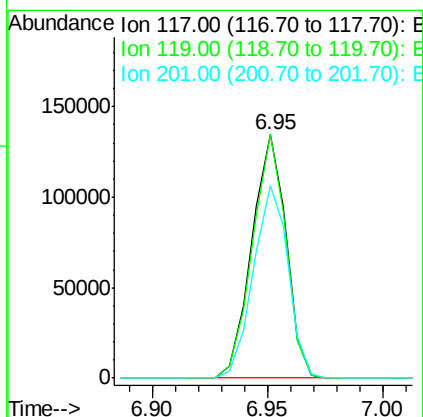
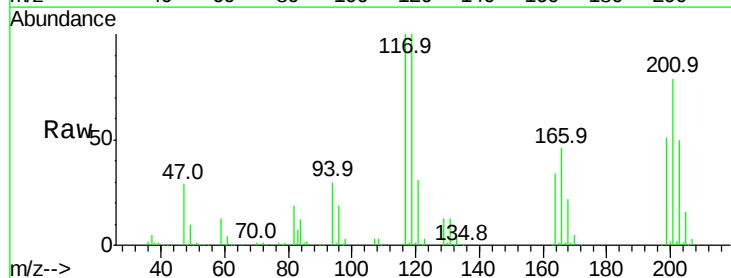
Instrument :
BNA_F
ClientSampleId :
PB101187BS

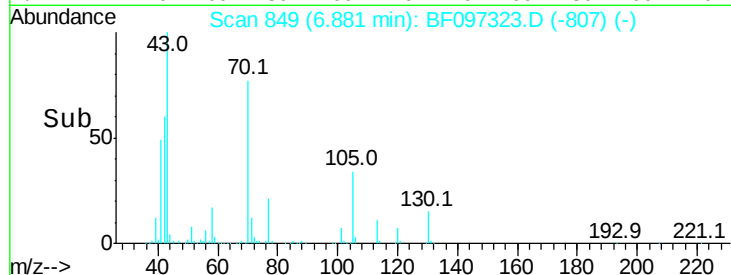
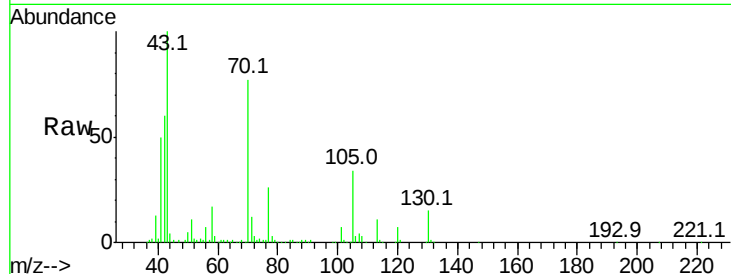
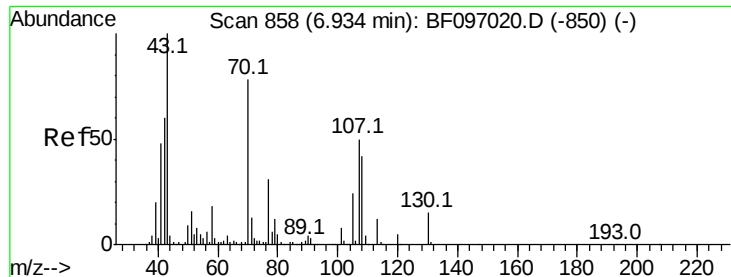
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.4	140.0
77	59.7	35.8	53.6#
79	56.5	34.8	52.2#



#18
Hexachloroethane
Concen: 43.160 ng
RT: 6.95 min Scan# 861
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.4	116.0
201	79.3	94.6	141.8#

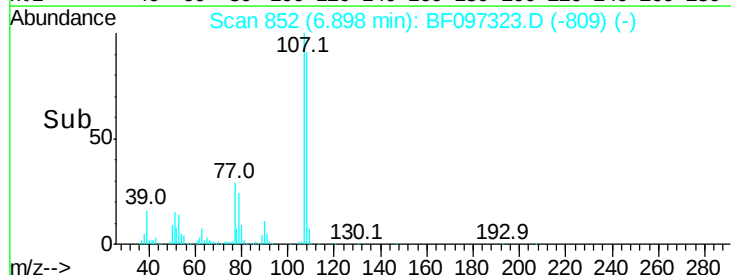
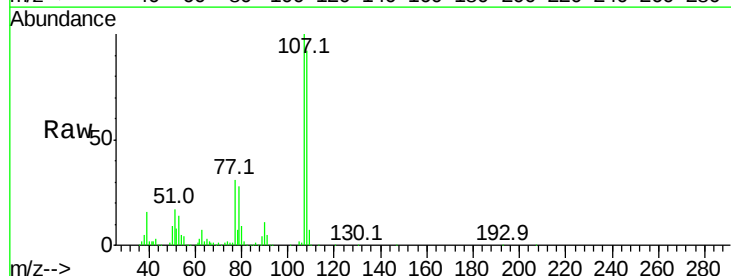
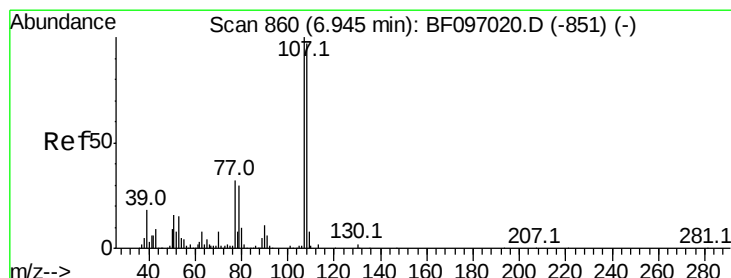
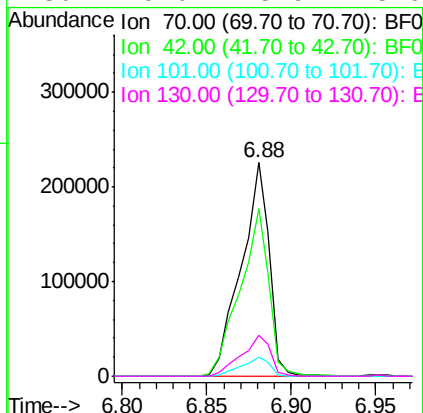




#19
n-Nitroso-di-n-propylamine
Concen: 45.142 ng
RT: 6.88 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

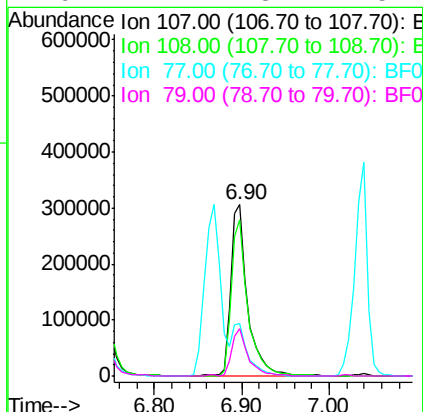
Instrument :
BNA_F
ClientSampleId :
PB101187BS

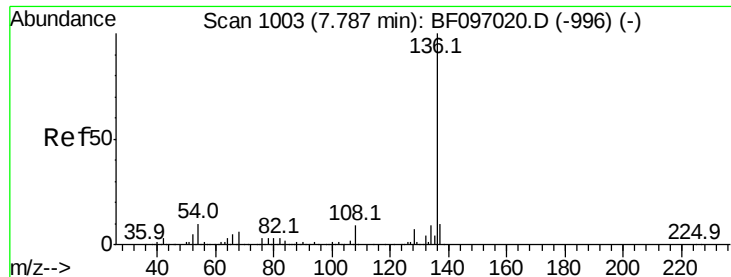
Tot Ion:	70	Resp:	262252
Ion	Ratio	Lower	Upper
70	100		
42	78.4	47.2	70.8#
101	9.3	7.2	10.8
130	19.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.852 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion:	107	Resp:	398746
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	30.6	90.5	130.5#
79	27.7	8.4	48.4

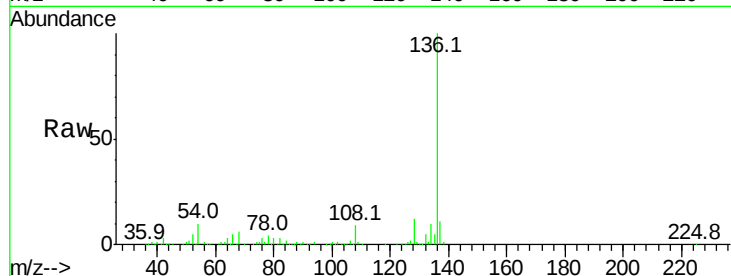




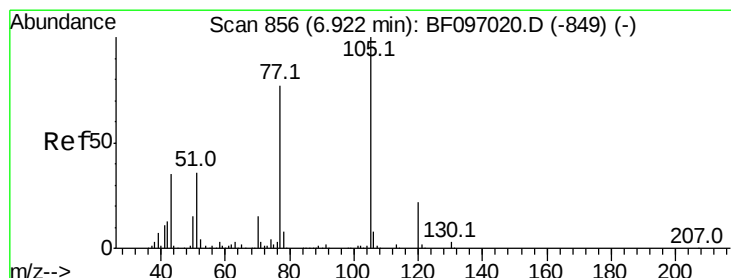
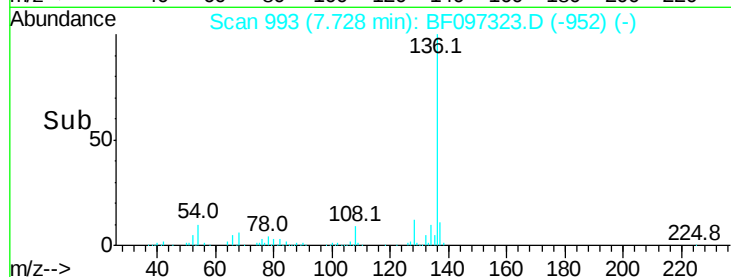
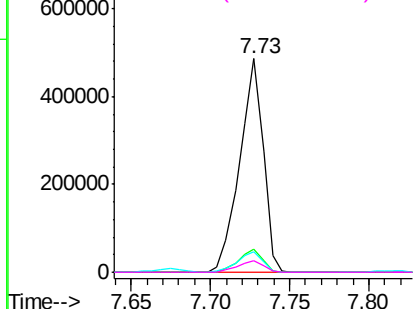
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Instrument :
BNA_F
ClientSampleId :
PB101187BS

Tot Ion:136	Resp:	498553
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	9.8	4.9 7.3#
68	5.6	4.1 6.1

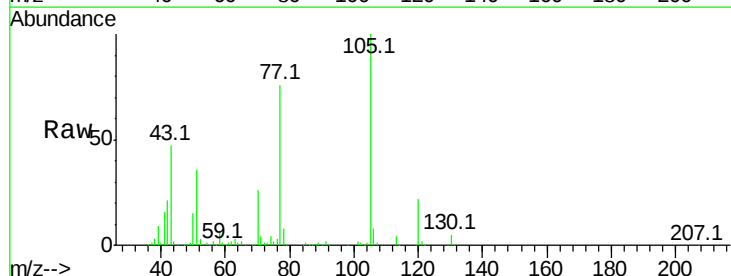


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

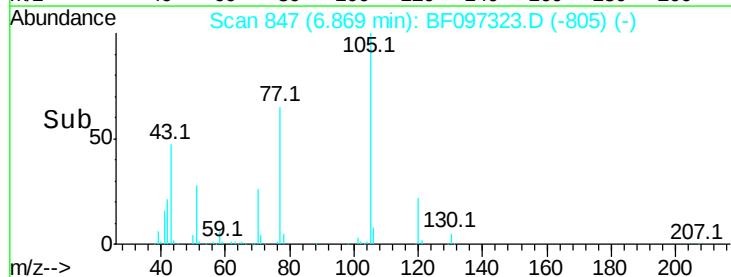
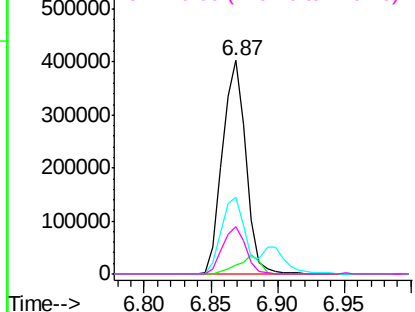


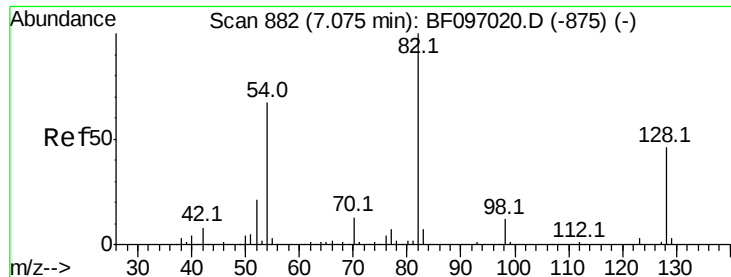
#22
Acetophenone
Concen: 41.837 ng
RT: 6.87 min Scan# 847
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion:105	Resp:	500899
Ion Ratio	Lower	Upper
105	100	
71	4.0	2.8 4.2
51	36.2	30.7 46.1
120	22.3	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

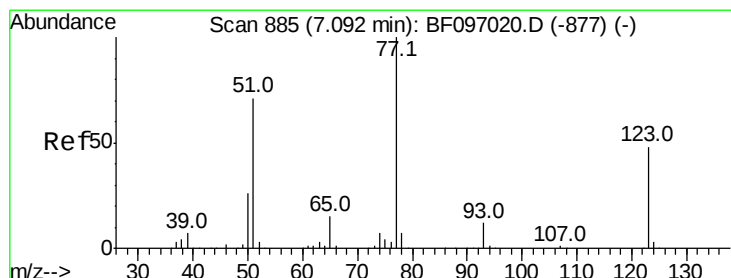
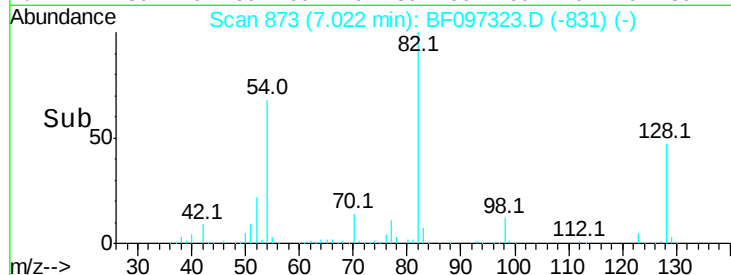
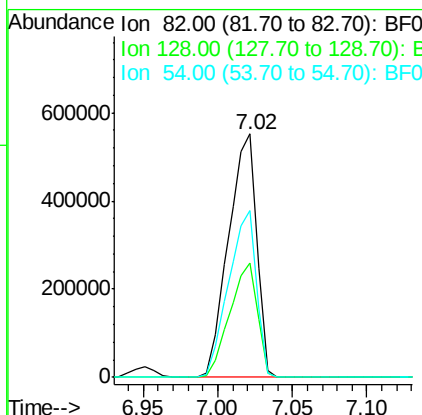
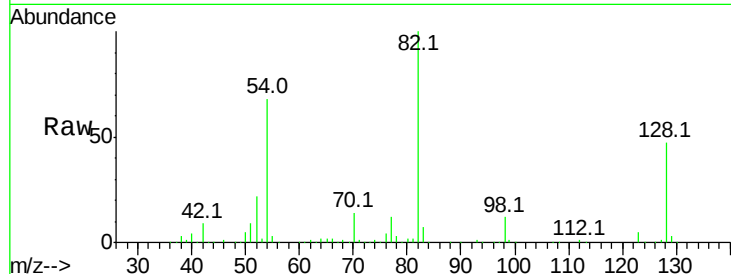




#23
 Nitrobenzene-d5
 Concen: 86.368 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

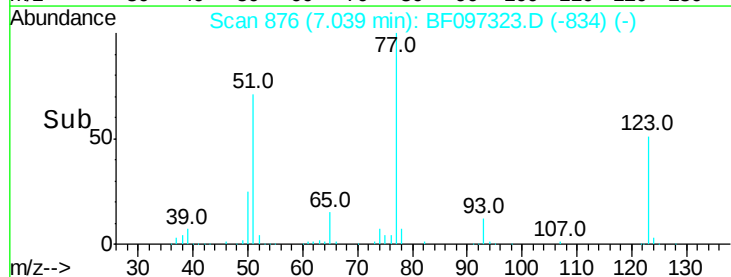
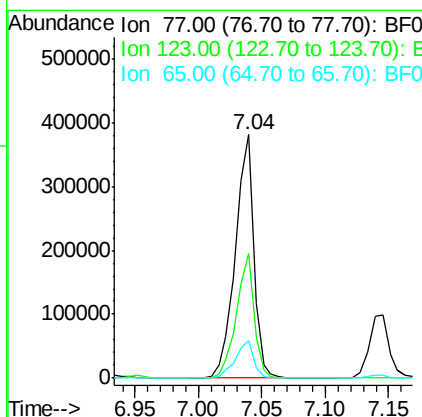
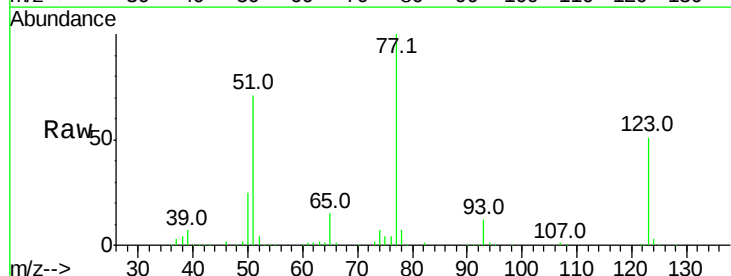
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion: 82 Resp: 733993
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 68.3 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.024 ng
 RT: 7.04 min Scan# 876
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion: 77 Resp: 380803
 Ion Ratio Lower Upper
 77 100
 123 51.3 35.8 53.8
 65 15.2 10.6 15.8





#25

Isophorone

Concen: 41.802 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

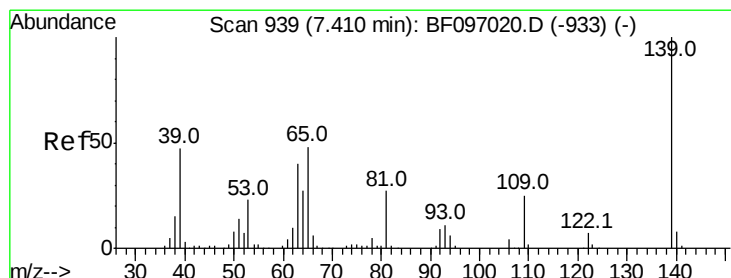
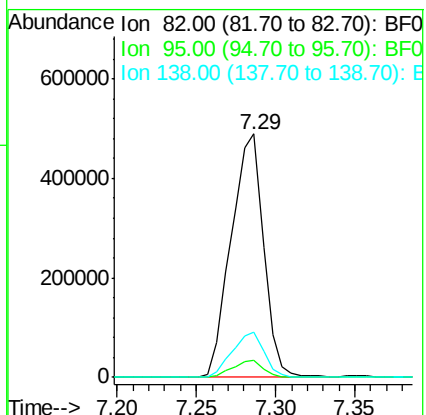
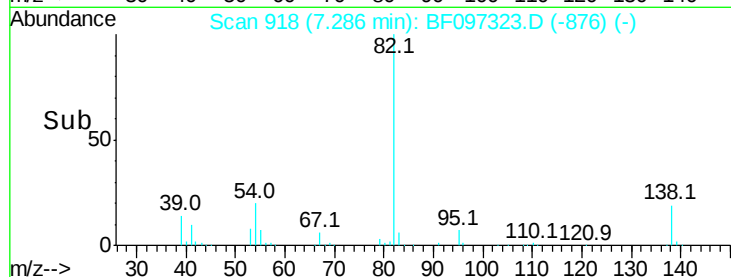
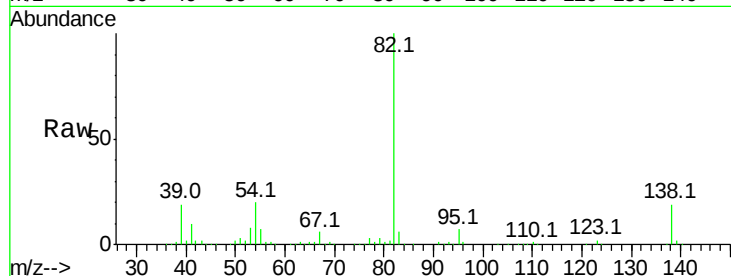
Tot Ion: 82 Resp: 695720

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 43.079 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

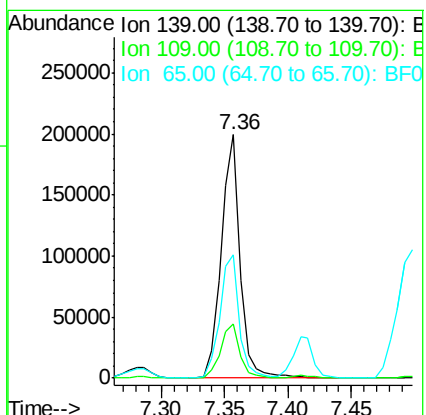
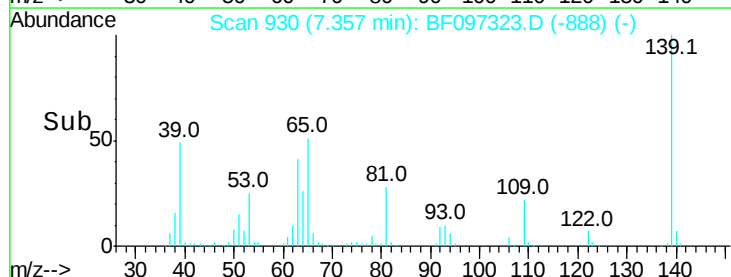
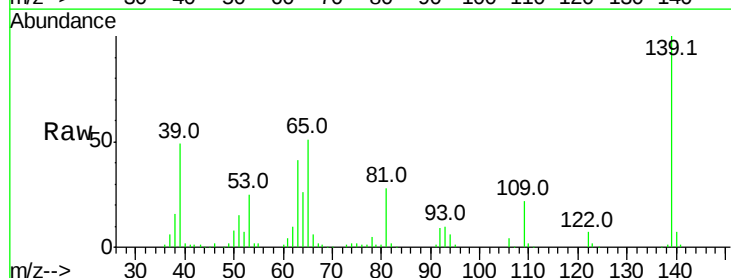
Tgt Ion:139 Resp: 206285

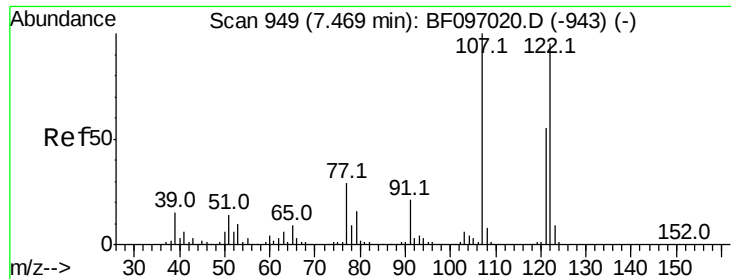
Ion Ratio Lower Upper

139 100

109 22.4 21.0 31.6

65 50.9 33.0 49.6#

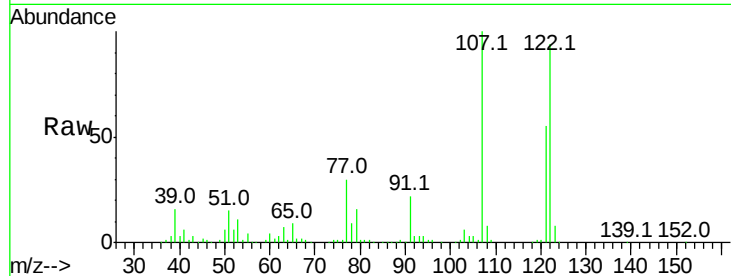




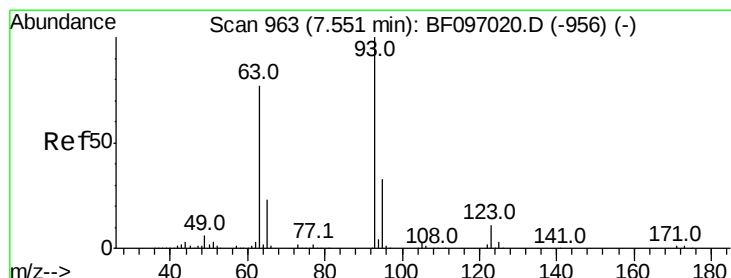
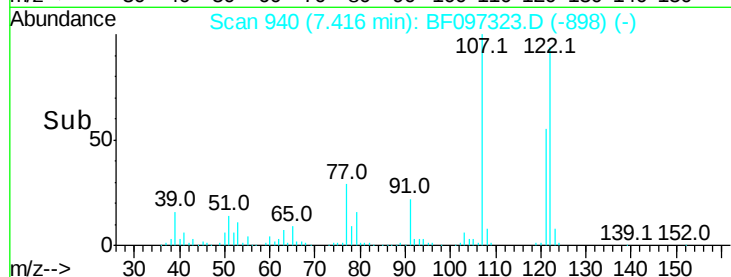
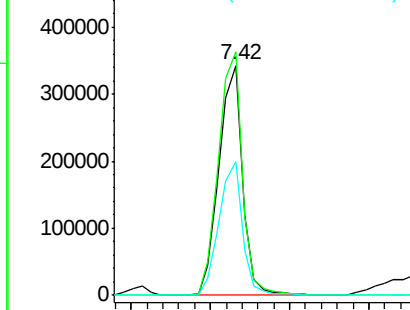
#27
 2,4-Dimethylphenol
 Concen: 45.064 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:122 Resp: 355969
 Ion Ratio Lower Upper
 122 100
 107 106.0 89.2 133.8
 121 58.4 45.2 67.8

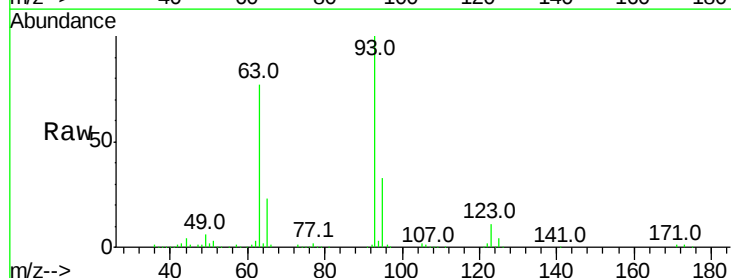


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

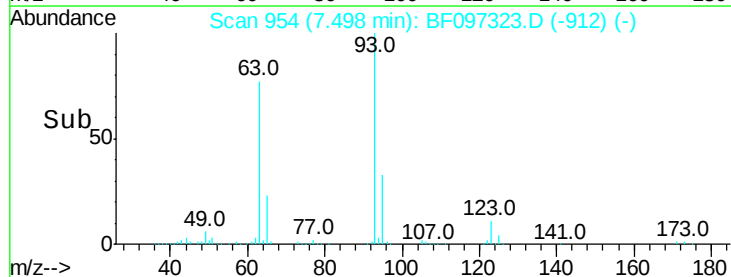
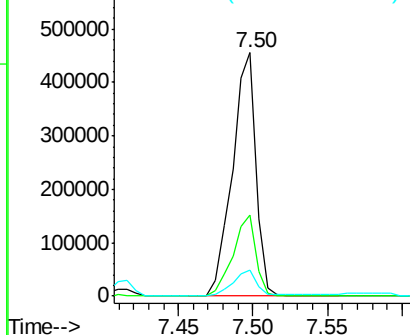


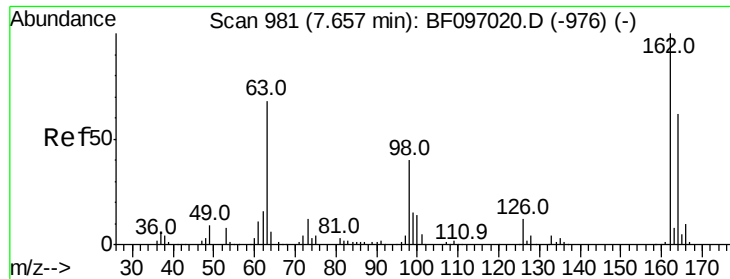
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.709 ng
 RT: 7.50 min Scan# 954
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion: 93 Resp: 507307
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 10.8 9.0 13.4



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

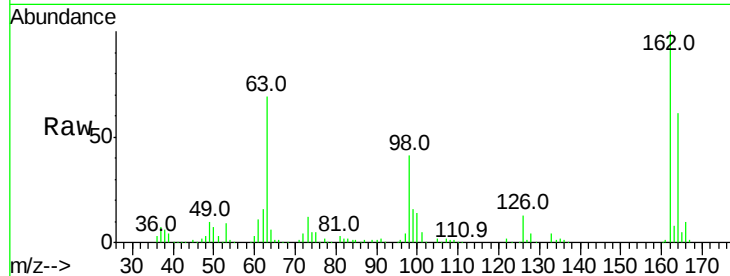




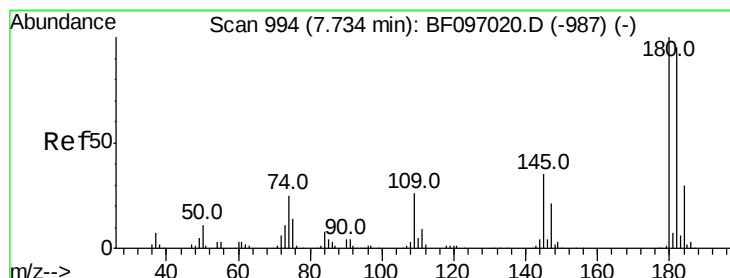
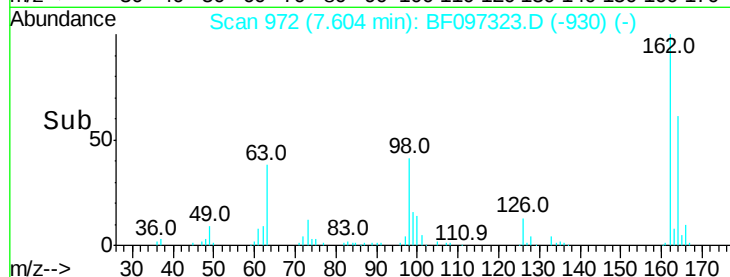
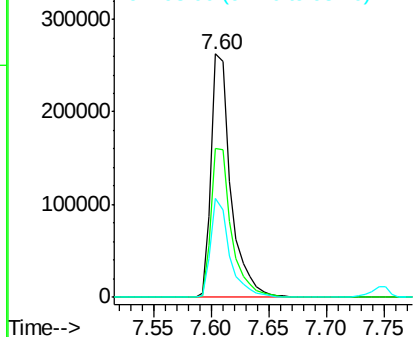
#29
 2,4-Dichlorophenol
 Concen: 45.804 ng
 RT: 7.60 min Scan# 972
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	44.6	84.6
98	40.8	14.8	54.8

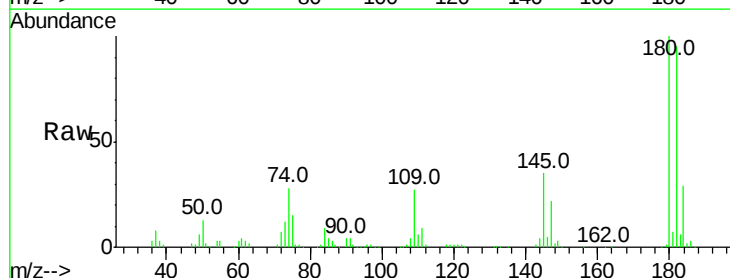


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

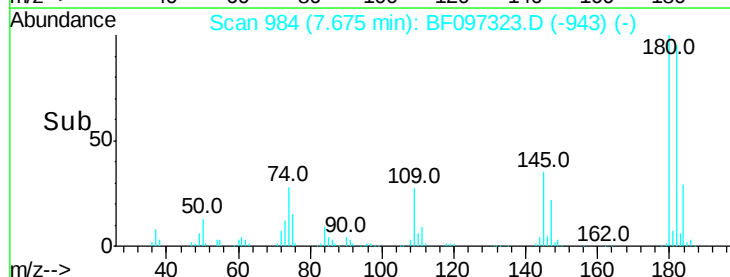
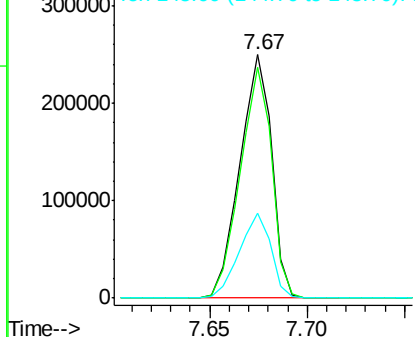


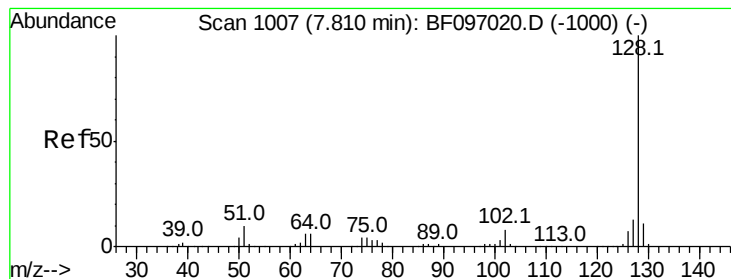
#30
 1,2,4-Trichlorobenzene
 Concen: 43.415 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	34.7	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: 44.388 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

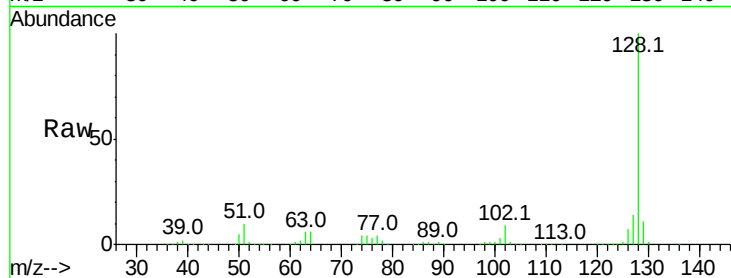
Tot Ion:128 Resp: 1043184

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

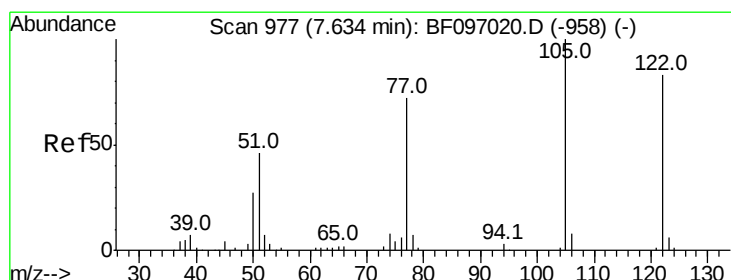
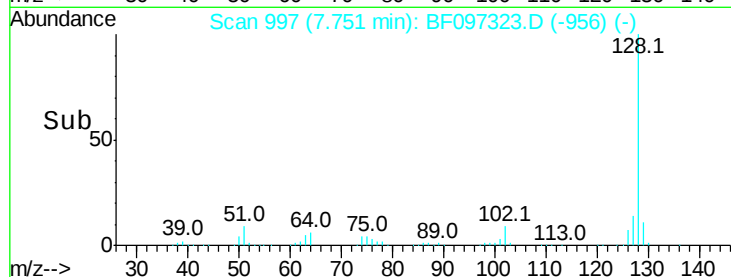
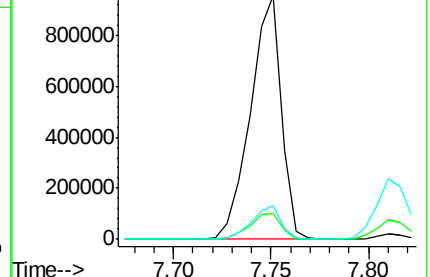
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.952 ng

RT: 7.59 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

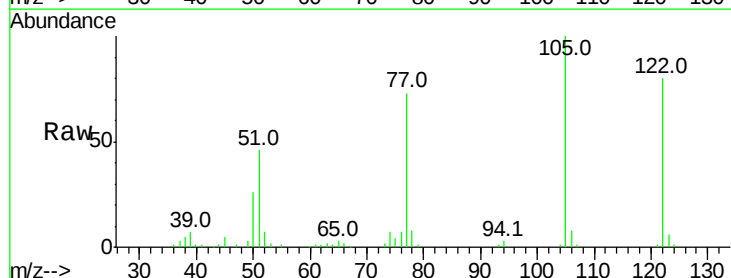
Tgt Ion:122 Resp: 265146

Ion Ratio Lower Upper

122 100

105 125.2 103.3 143.3

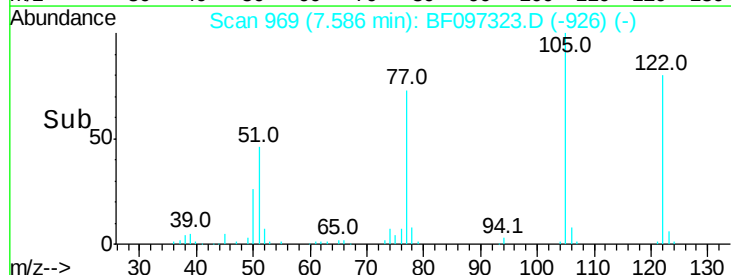
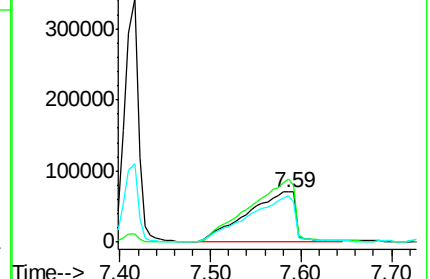
77 91.7 73.7 113.7

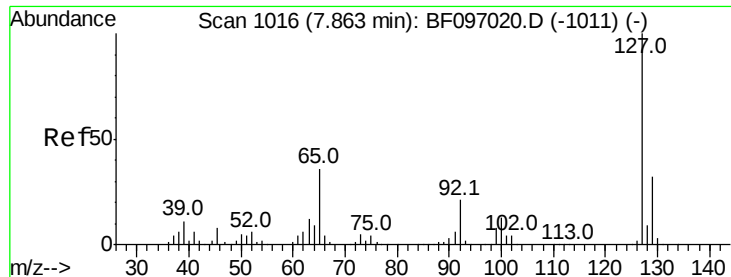


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

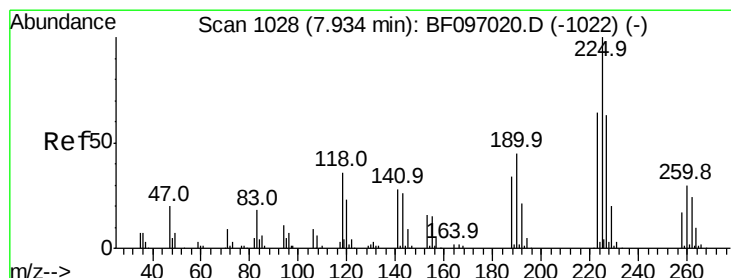
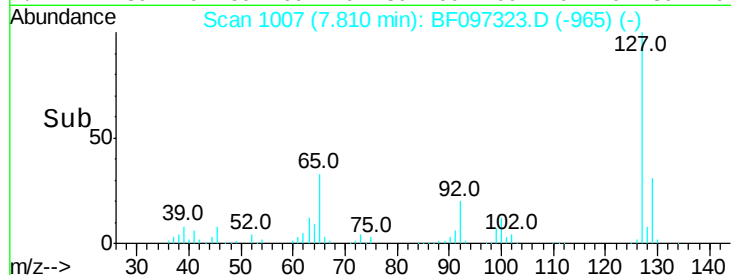
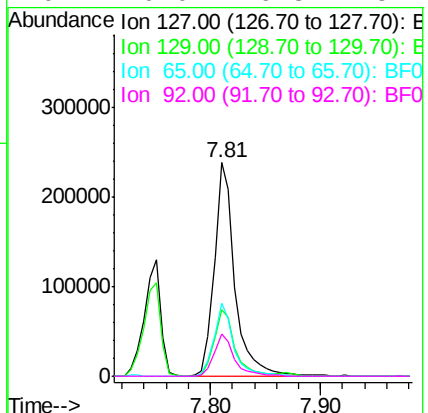
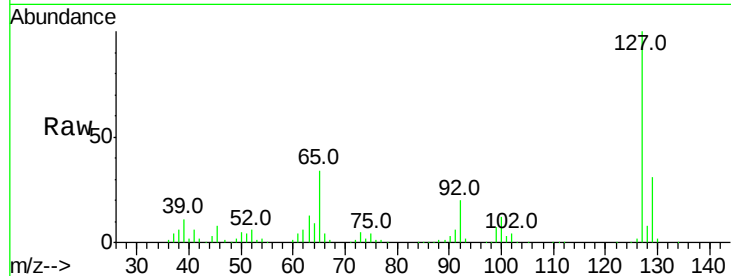




#33
 4-Chloroaniline
 Concen: 31.898 ng
 RT: 7.81 min Scan# 1007
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

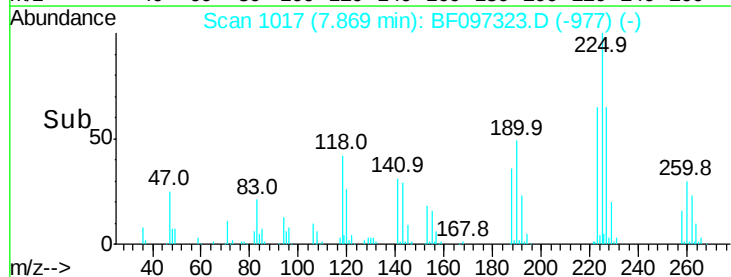
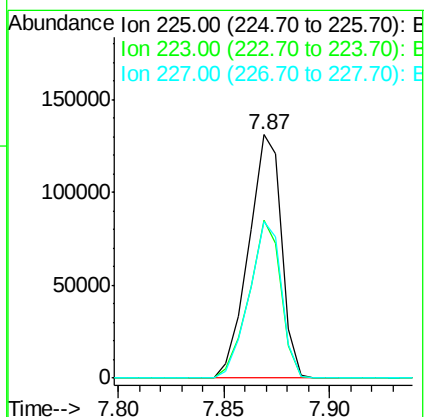
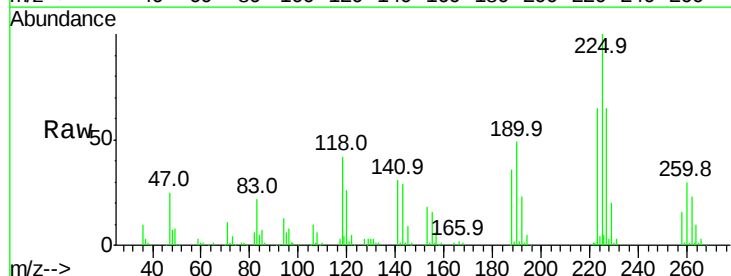
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

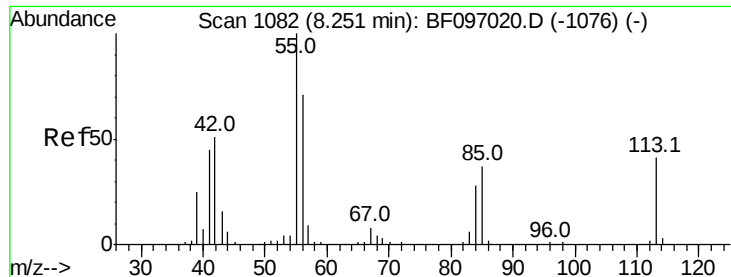
Tot Ion:	127	Resp:	305030
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	34.4	27.8	41.8
92	20.0	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 41.329 ng
 RT: 7.87 min Scan# 1017
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:	225	Resp:	142118
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	64.5	51.1	76.7

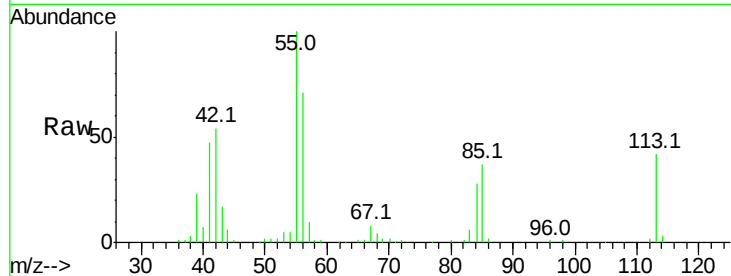




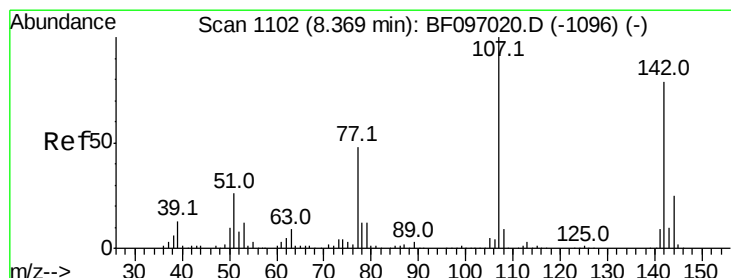
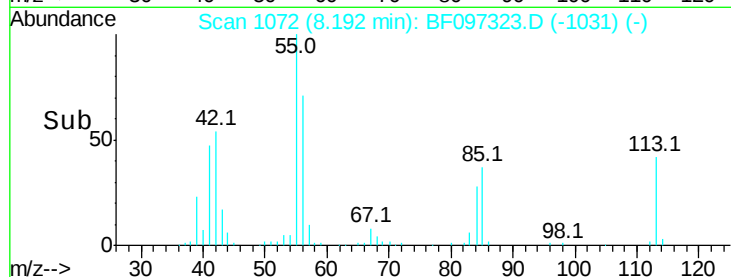
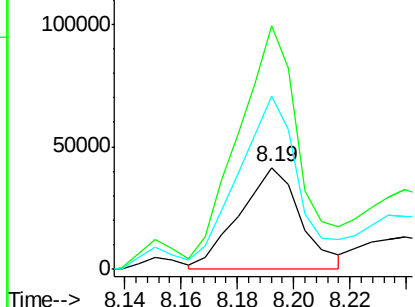
#35
 Caprolactam
 Concen: 28.778 ng
 RT: 8.19 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:113 Resp: 62796
 Ion Ratio Lower Upper
 113 100
 55 239.5 150.2 190.2#
 56 170.2 107.8 147.8#

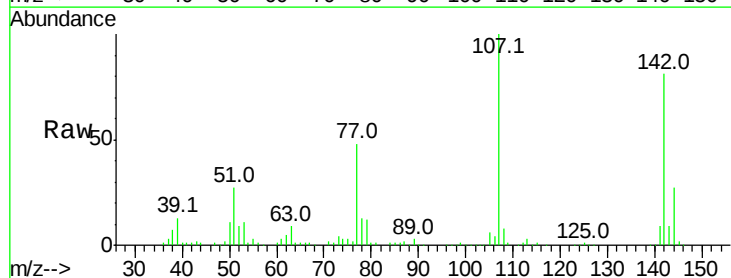


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

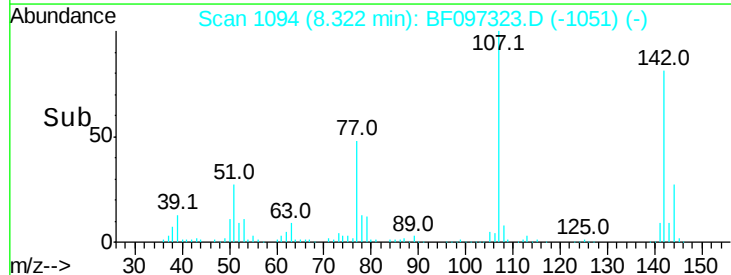
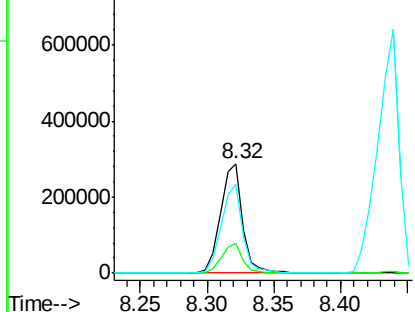


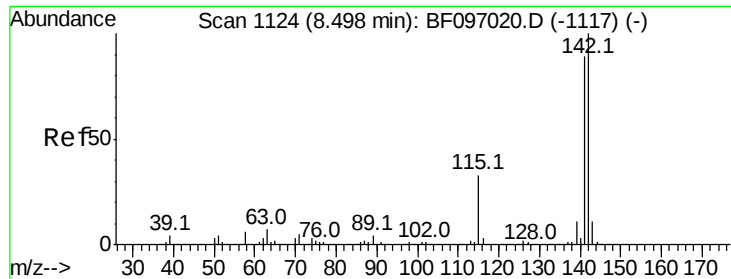
#36
 4-Chloro-3-methylphenol
 Concen: 45.171 ng
 RT: 8.32 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:107 Resp: 335350
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 81.0 73.4 110.0



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

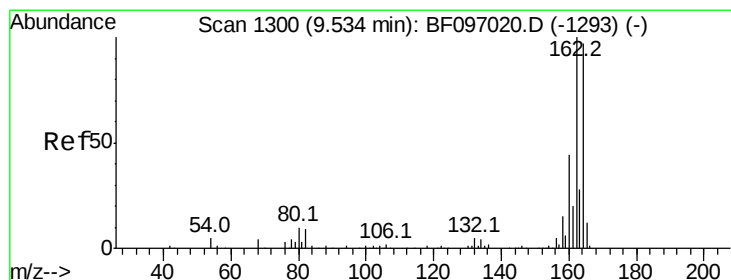
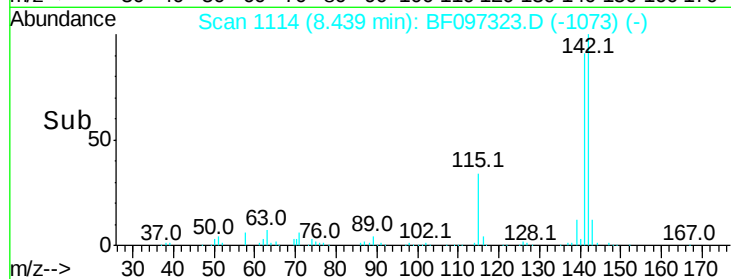
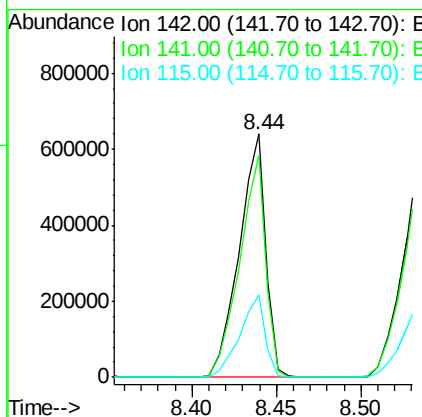
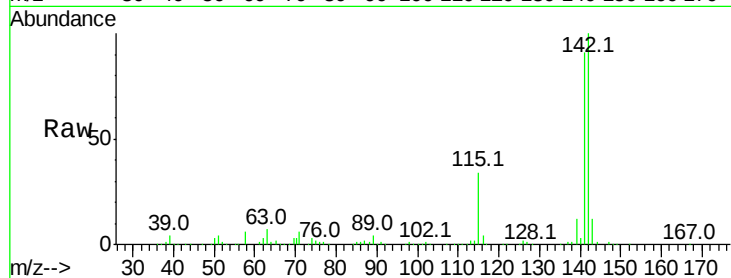




#37
 2-Methylnaphthalene
 Concen: 46.982 ng
 RT: 8.44 min Scan# 1114
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

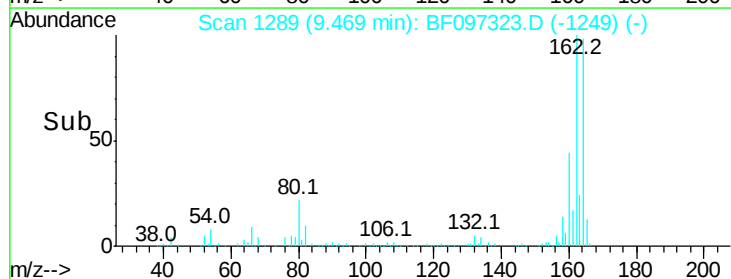
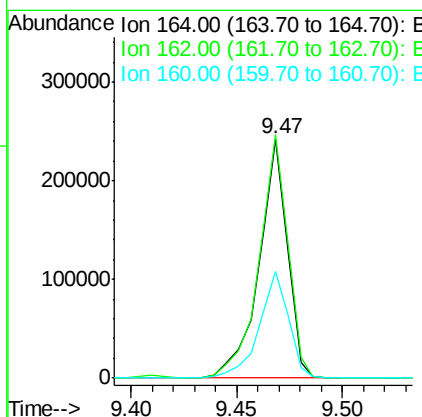
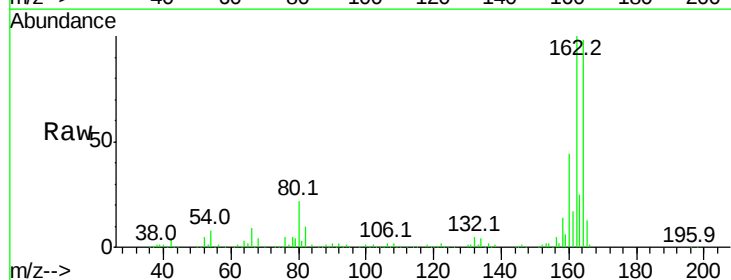
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

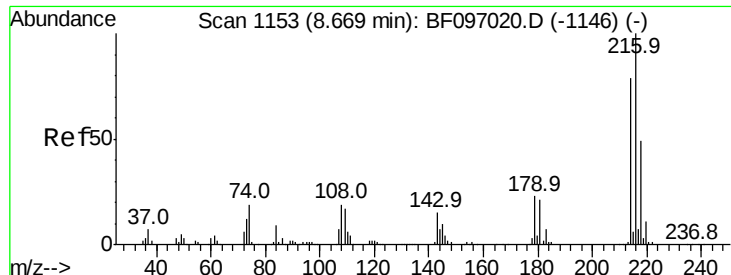
Tot Ion:142 Resp: 699090
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.3 106.9
 115 33.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:164 Resp: 225773
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 44.8 36.2 54.2

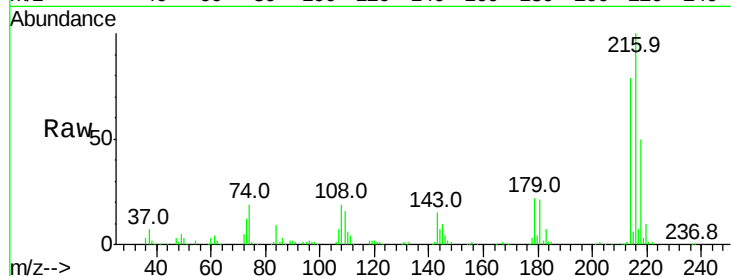




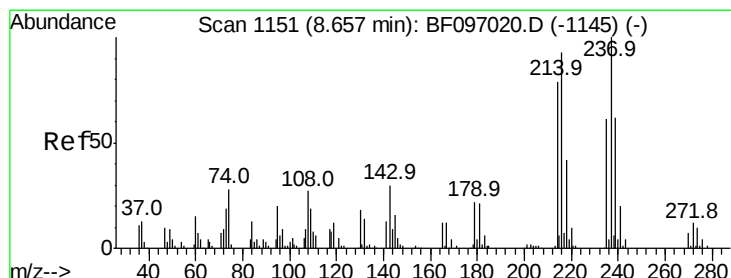
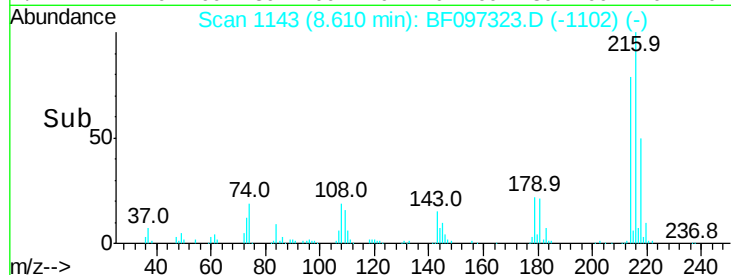
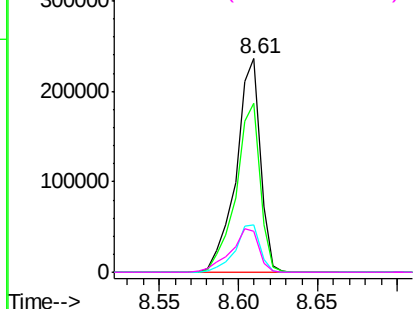
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.557 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:	216	Resp:	250347
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	22.9	17.9	26.9
108	23.5	16.5	24.7

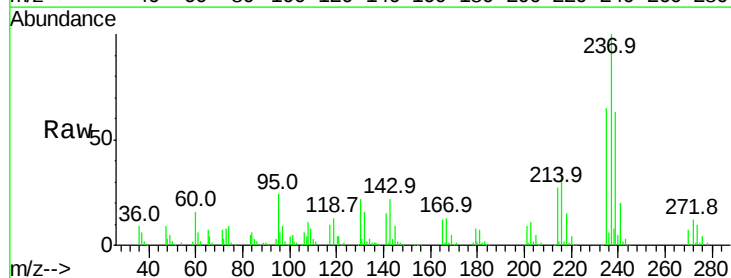


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

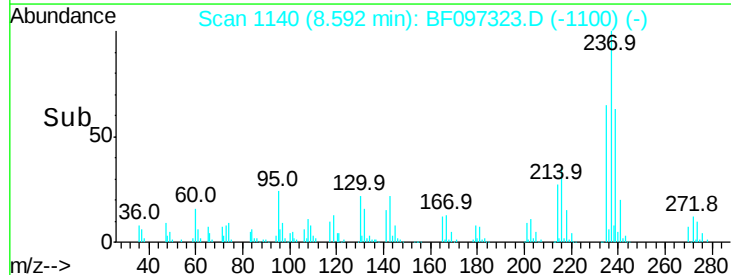
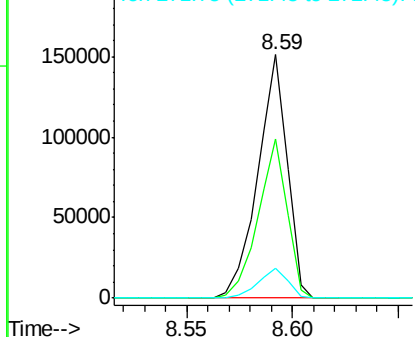


#40
 Hexachlorocyclopentadiene
 Concen: 70.450 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:	237	Resp:	146602
Ion	Ratio	Lower	Upper
237	100		
235	65.3	42.6	82.6
272	12.1	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

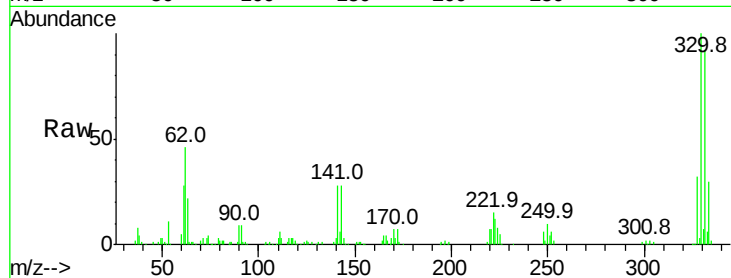




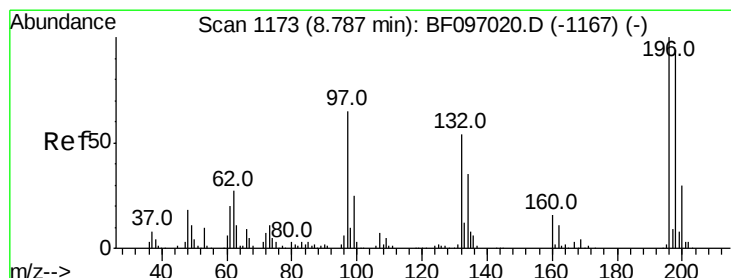
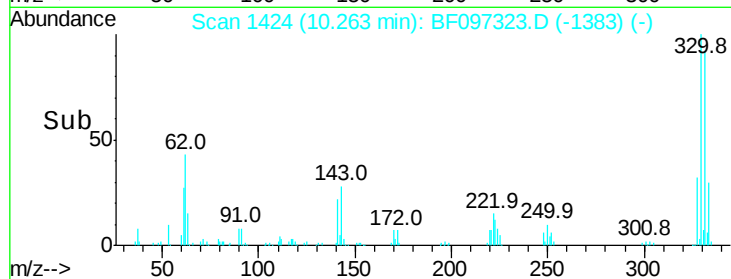
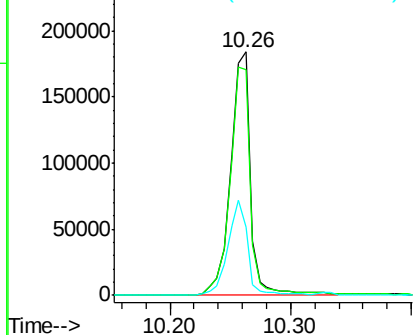
#41
 2,4,6-Tribromophenol
 Concen: 119.878 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	38.5	31.4	47.2

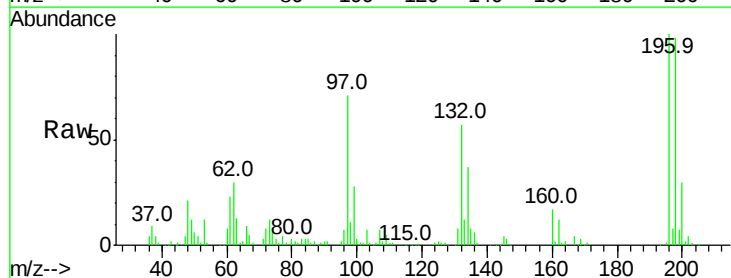


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

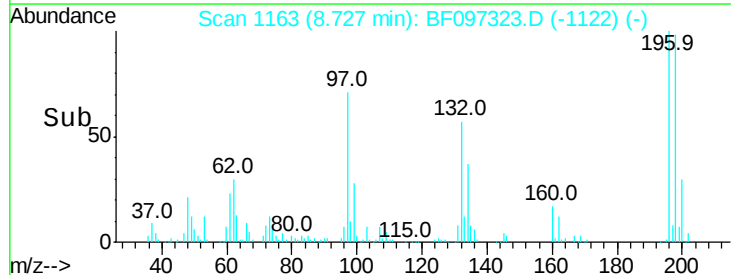
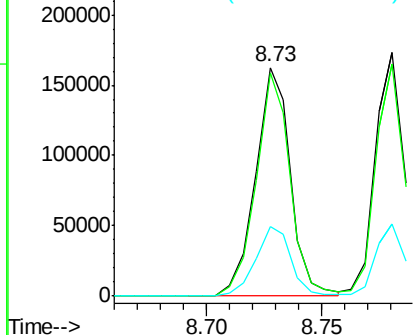


#42
 2,4,6-Trichlorophenol
 Concen: 39.272 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.2	111.4
200	30.5	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

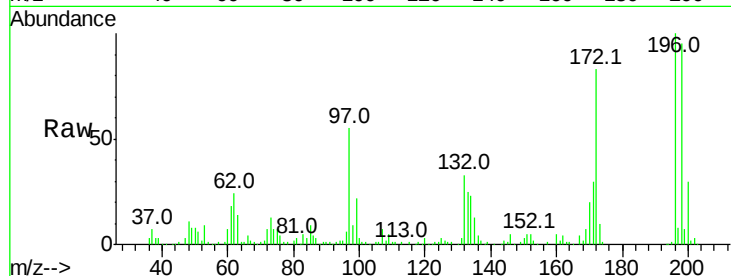




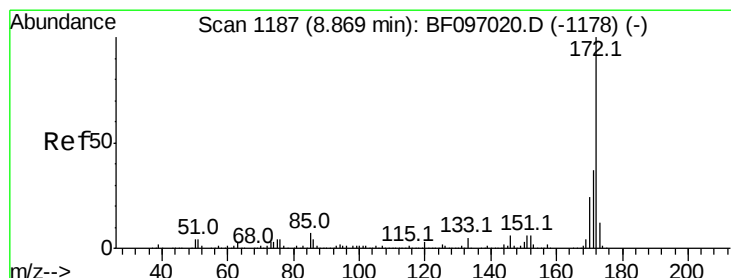
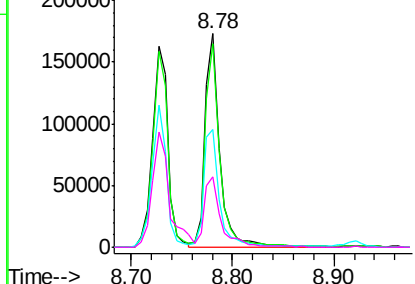
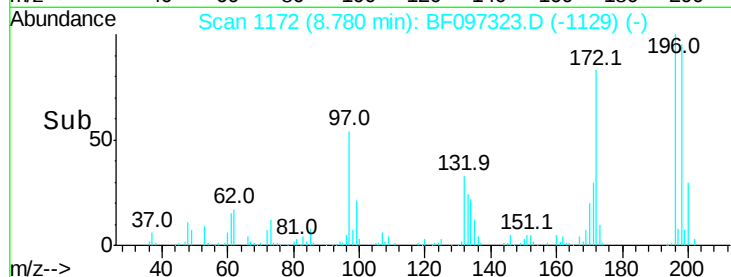
#43
 2,4,5-Trichlorophenol
 Concen: 39.884 ng
 RT: 8.78 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion:	196	Resp:	174276
Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	54.9	47.7	71.5
132	32.9	28.0	42.0

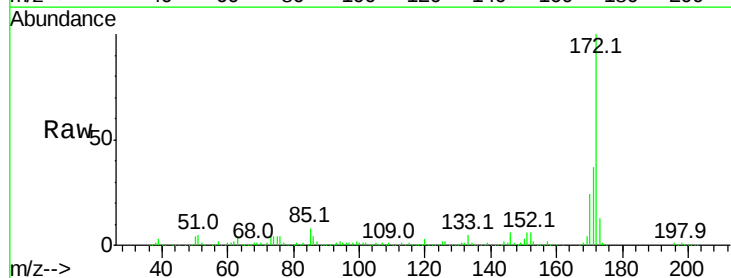


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

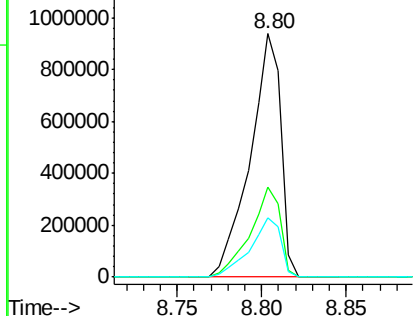
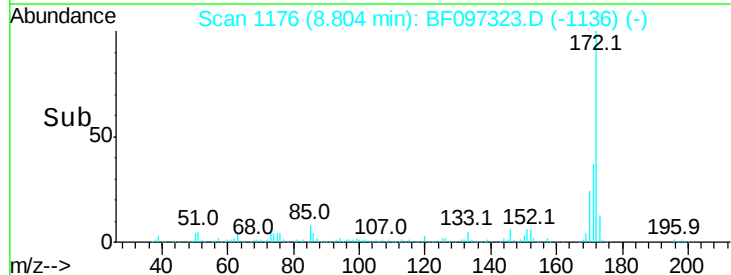


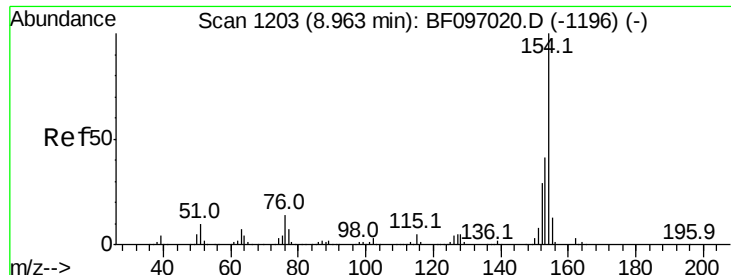
#44
 2-Fluorobiphenyl
 Concen: 89.138 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:	172	Resp:	1185845
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.3	19.8	29.8



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

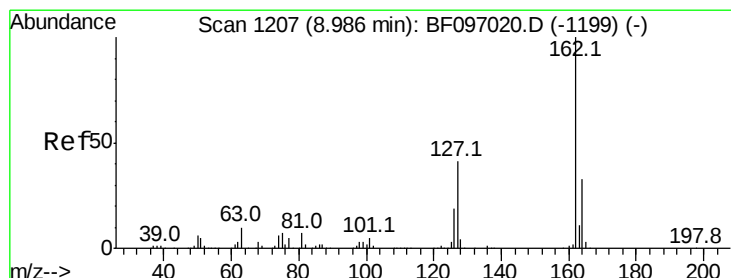
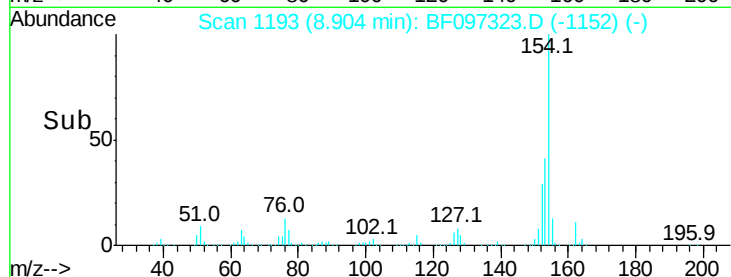
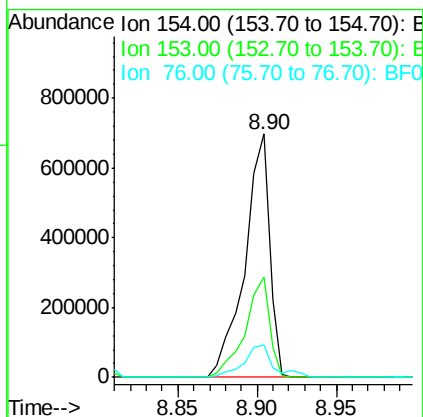
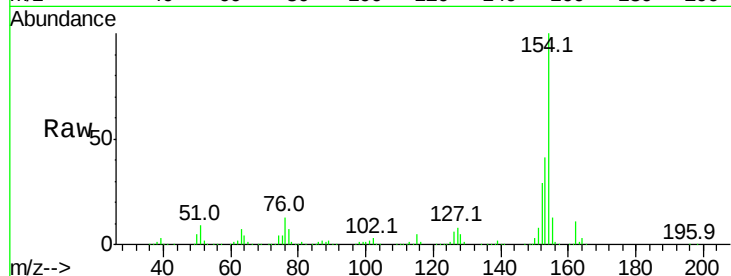




#45
 1,1'-Biphenyl
 Concen: 39.268 ng
 RT: 8.90 min Scan# 1193
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

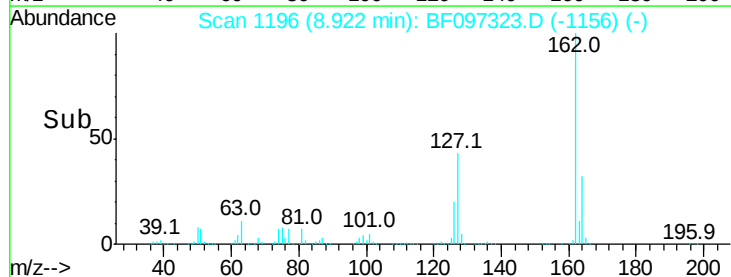
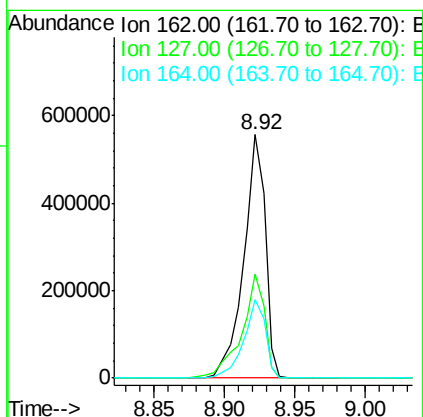
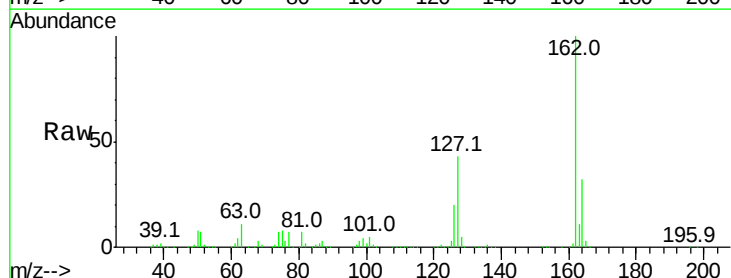
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

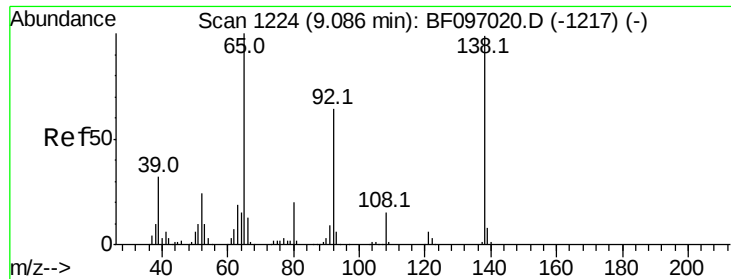
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	13.2	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 41.892 ng
 RT: 8.92 min Scan# 1196
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	28.3	42.5#
164	32.0	27.0	40.4

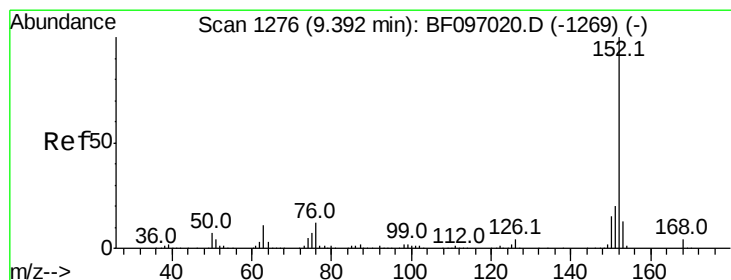
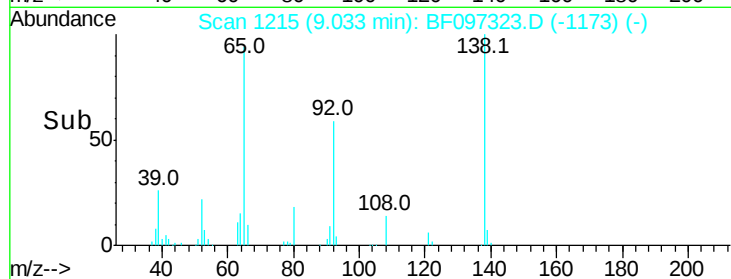
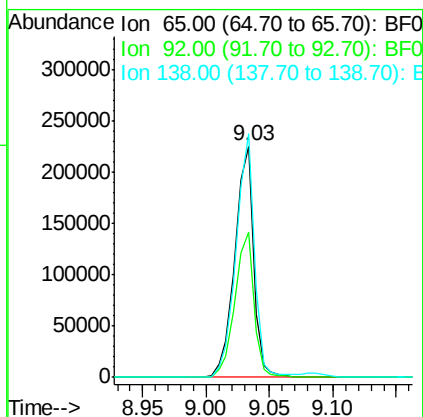
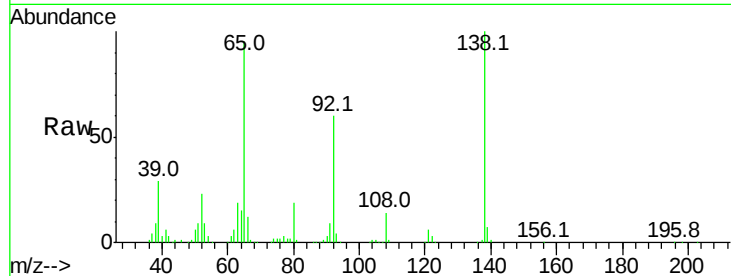




#47
2-Nitroaniline
Concen: 44.696 ng
RT: 9.03 min Scan# 1215
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

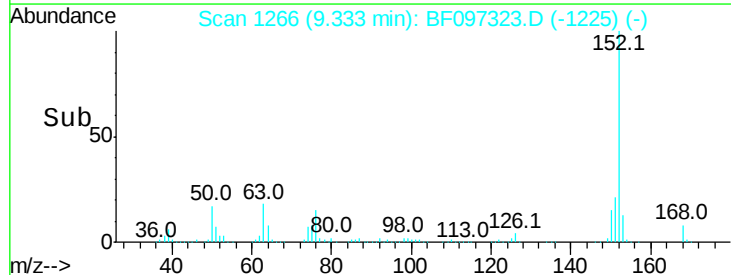
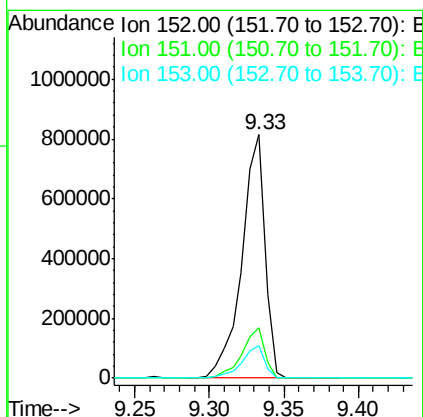
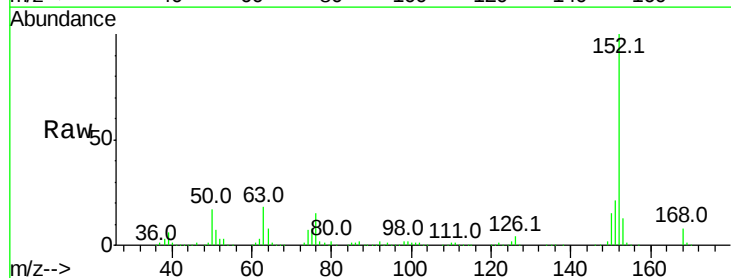
Instrument :
BNA_F
ClientSampleId :
PB101187BS

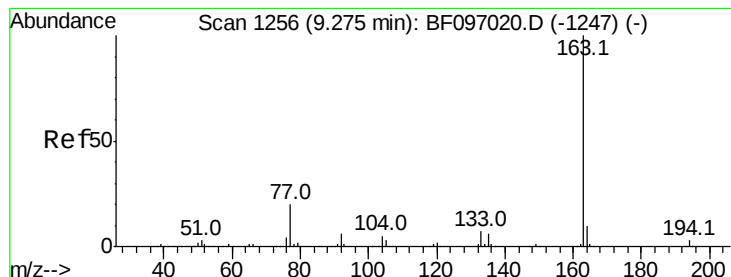
Tot Ion: 65 Resp: 230187
Ion Ratio Lower Upper
65 100
92 62.7 53.9 80.9
138 105.4 78.8 118.2



#48
Acenaphthylene
Concen: 40.347 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion: 152 Resp: 878835
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 41.785 ng

RT: 9.22 min Scan# 1246

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

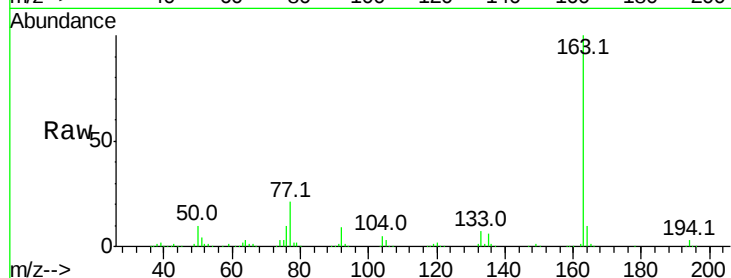
Tot Ion:163 Resp: 716392

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

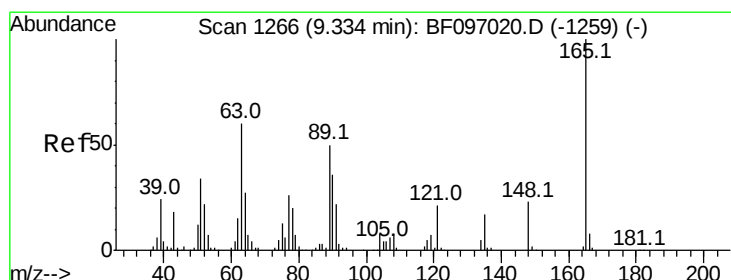
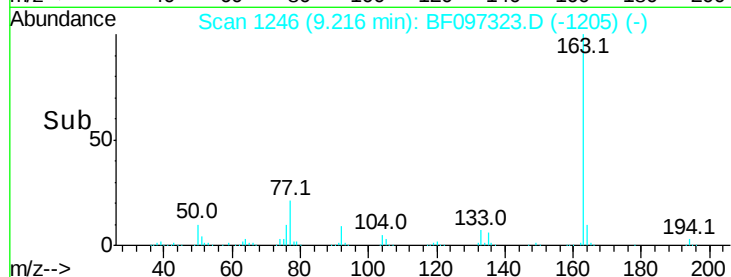
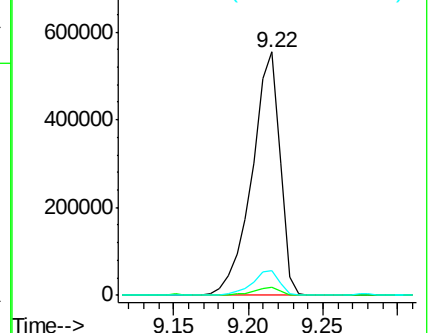
164 10.2 8.4 12.6



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: 43.381 ng

RT: 9.27 min Scan# 1256

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

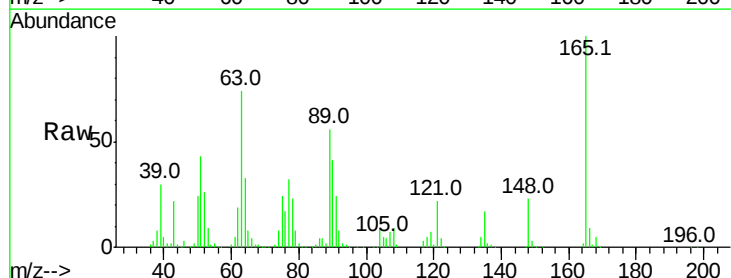
Tgt Ion:165 Resp: 157746

Ion Ratio Lower Upper

165 100

63 74.1 34.3 51.5#

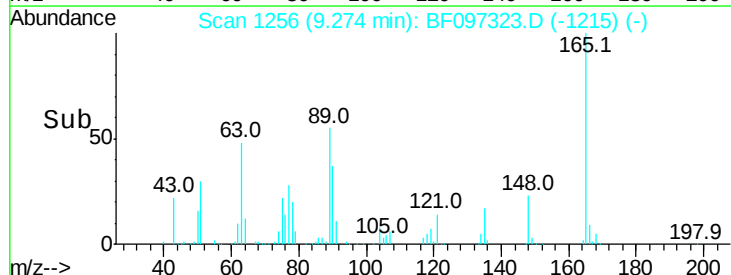
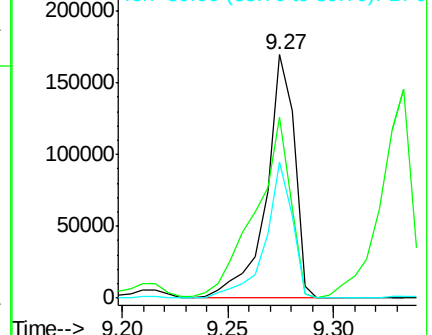
89 55.9 37.1 55.7#

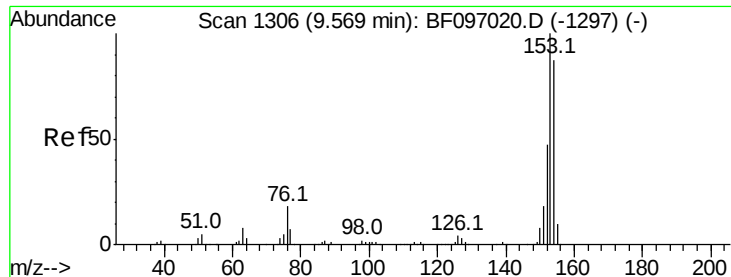


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.705 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

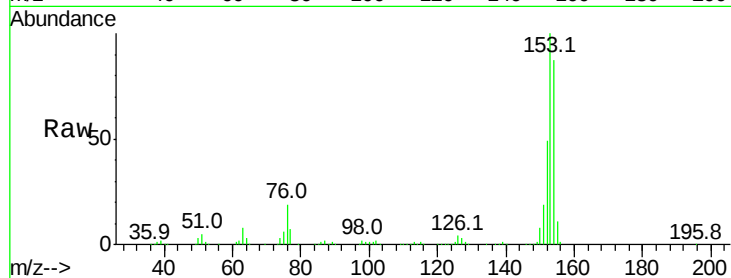
Tot Ion:154 Resp: 560756

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

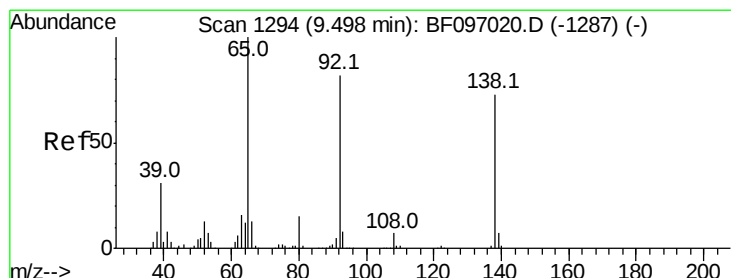
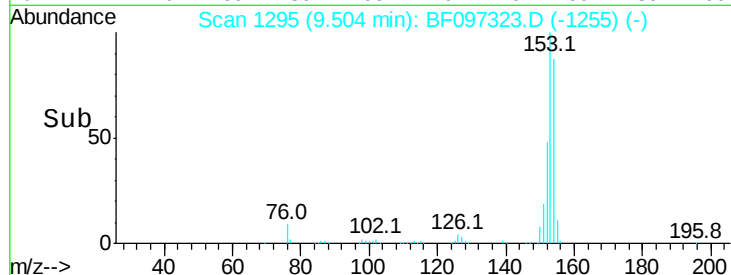
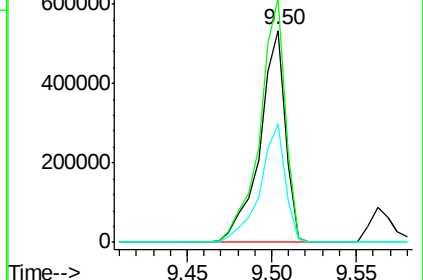
152 55.7 43.6 65.4



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: 28.124 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

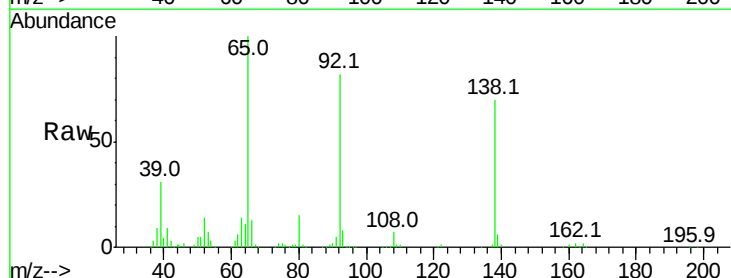
Tgt Ion:138 Resp: 126938

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

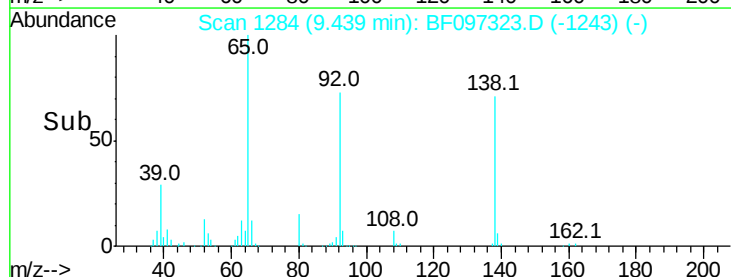
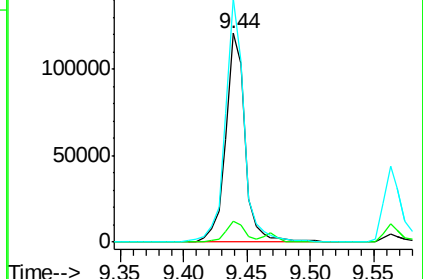
92 116.8 93.8 140.6



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

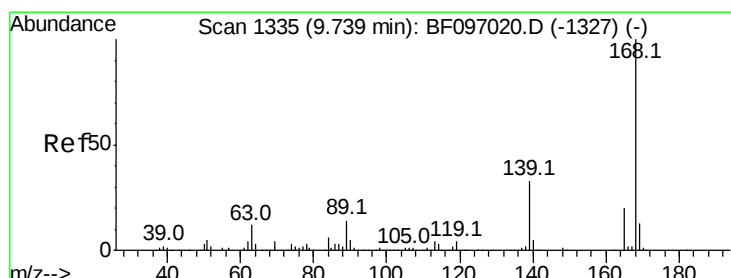
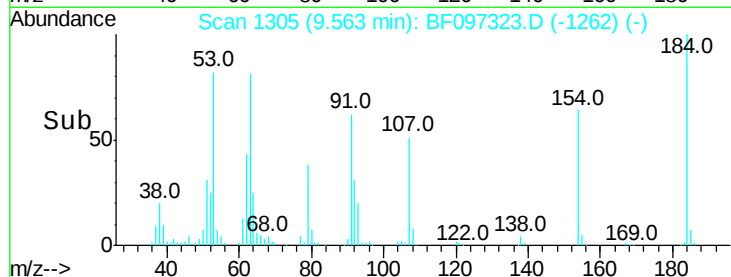
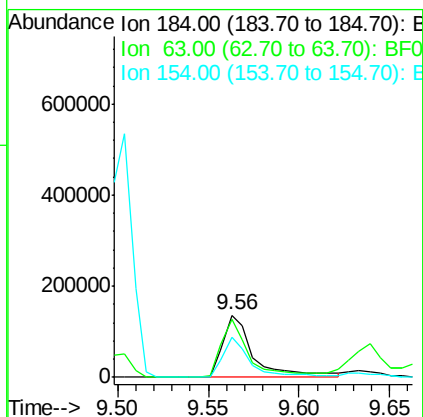
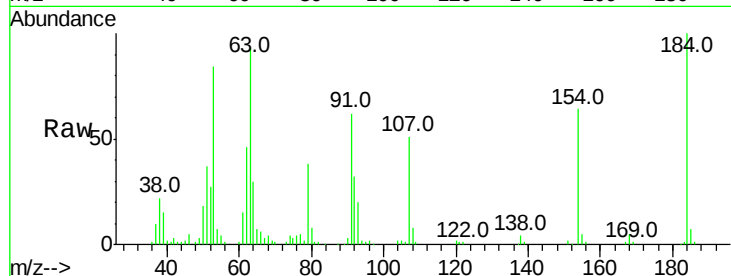




#53
 2,4-Dinitrophenol
 Concen: 97.127 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

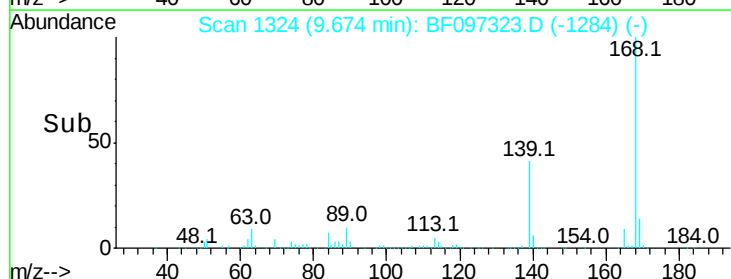
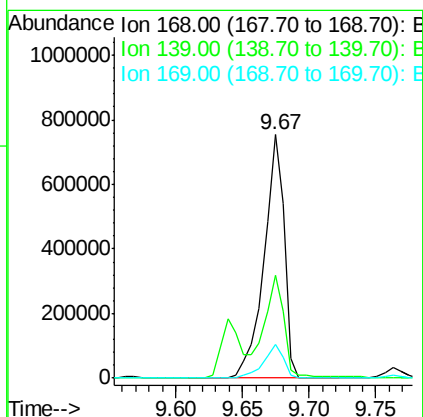
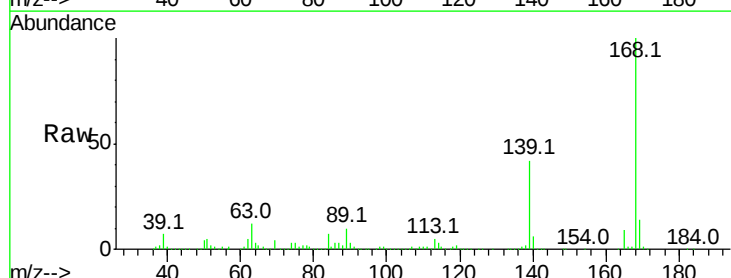
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

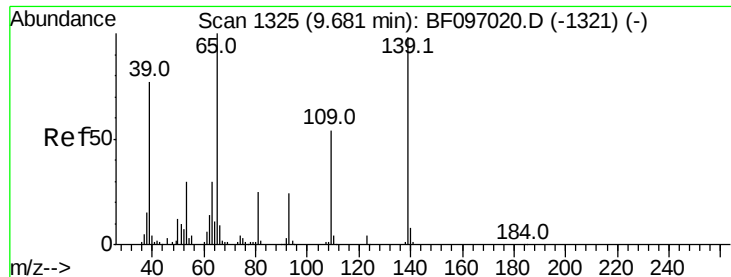
Tot Ion:184 Resp: 160585
 Ion Ratio Lower Upper
 184 100
 63 92.6 62.7 94.1
 154 64.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 46.176 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:168 Resp: 789145
 Ion Ratio Lower Upper
 168 100
 139 42.2 30.6 45.8
 169 14.0 10.8 16.2

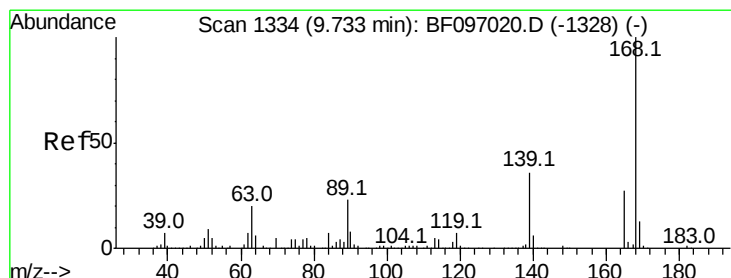
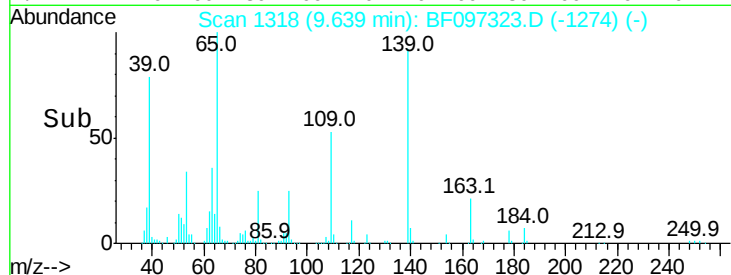
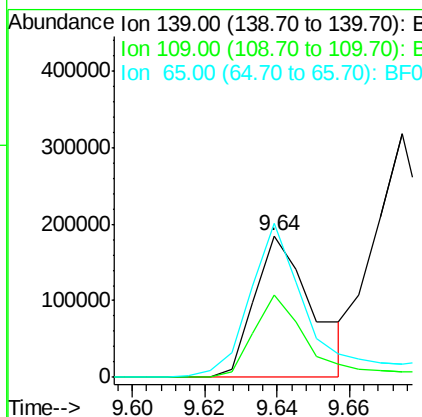
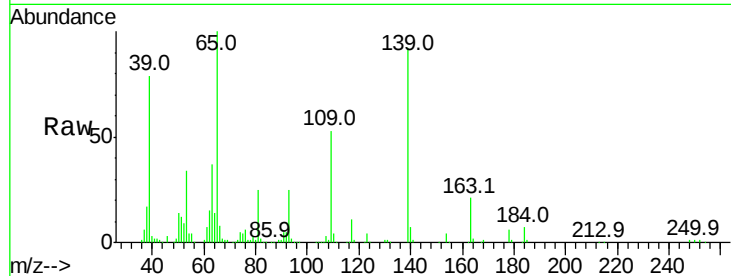




#55
4-Nitrophenol
Concen: 75.931 ng
RT: 9.64 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

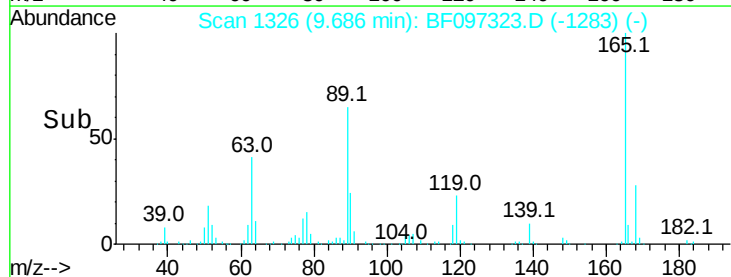
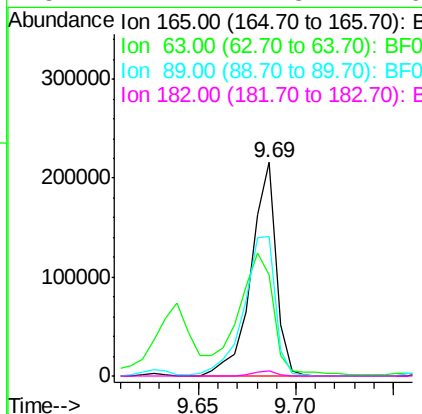
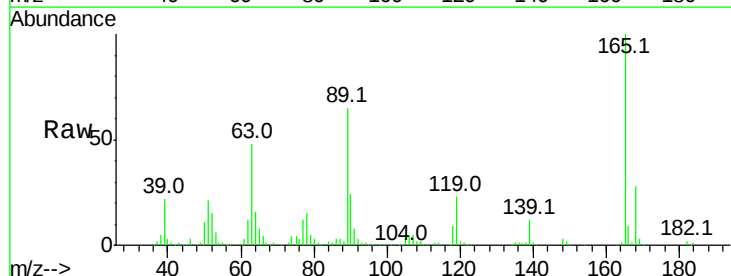
Instrument :
BNA_F
ClientSampleId :
PB101187BS

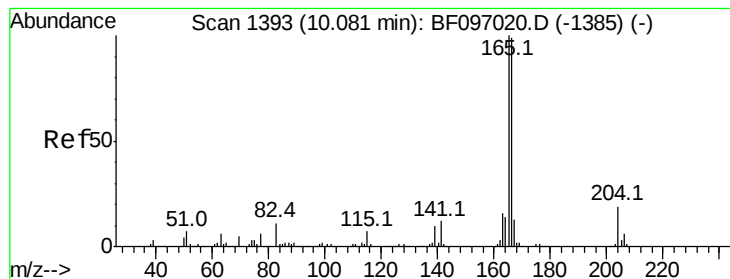
Tot Ion:139 Resp: 203808
Ion Ratio Lower Upper
139 100
109 58.0 34.1 74.1
65 108.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.896 ng
RT: 9.69 min Scan# 1326
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion:165 Resp: 191858
Ion Ratio Lower Upper
165 100
63 47.7 25.4 38.0#
89 65.3 46.4 69.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 42.219 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

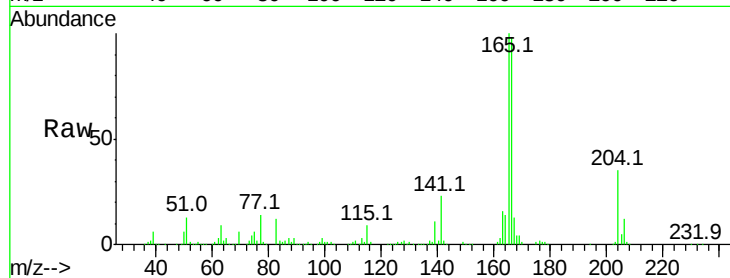
Tot Ion:166 Resp: 542283

Ion Ratio Lower Upper

166 100

165 101.6 78.8 118.2

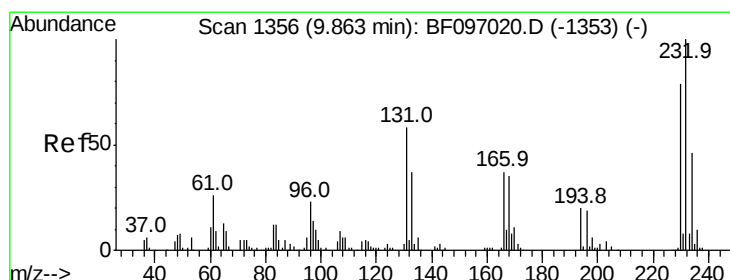
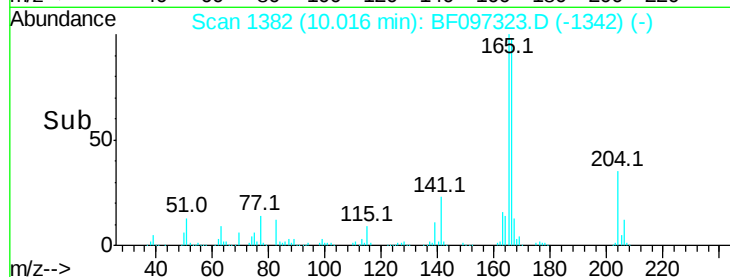
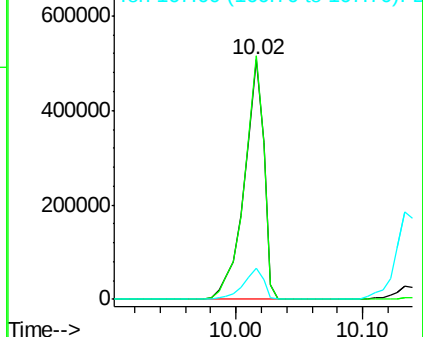
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.367 ng

RT: 9.80 min Scan# 1346

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Tgt Ion:232 Resp: 139891

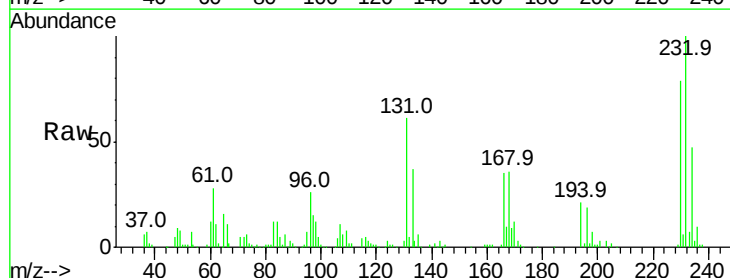
Ion Ratio Lower Upper

232 100

131 60.6 44.8 67.2

130 2.6 2.3 3.5

166 34.3 29.0 43.4

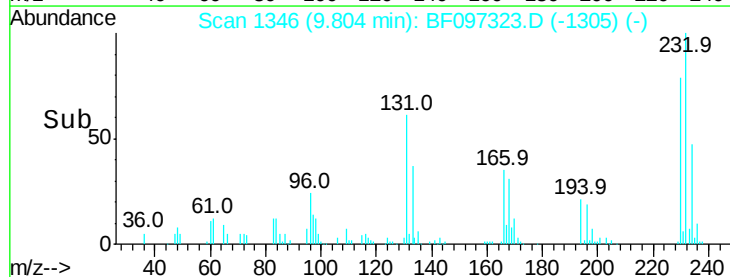
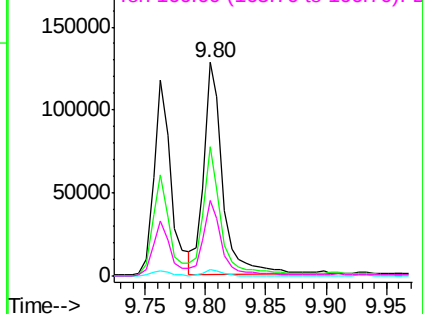


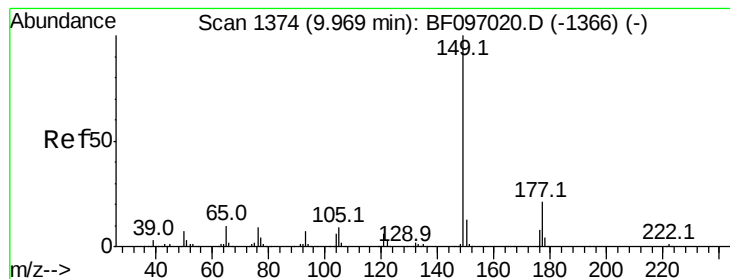
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.713 ng

RT: 9.91 min Scan# 1364

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

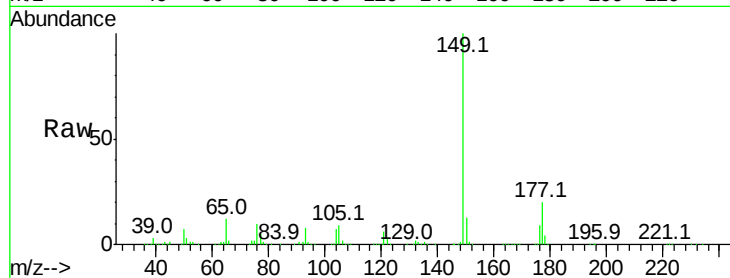
Tot Ion:149 Resp: 671845

Ion Ratio Lower Upper

149 100

177 19.9 16.7 25.1

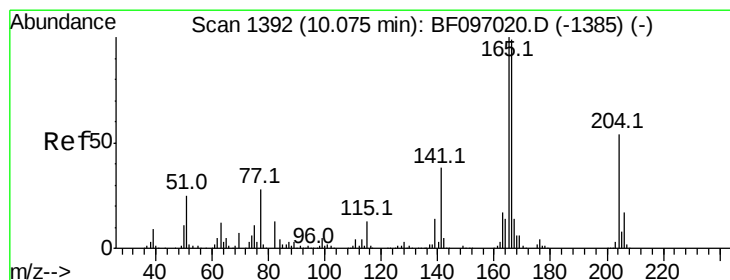
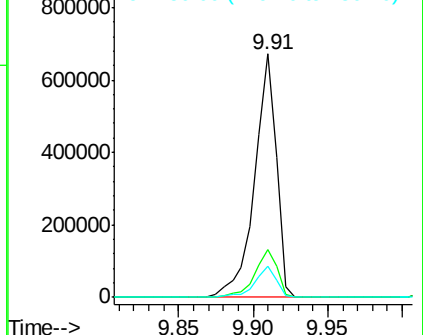
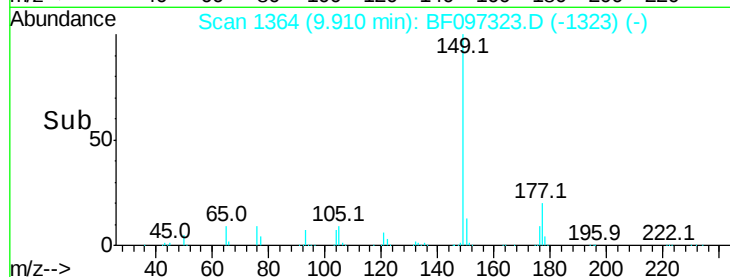
150 12.7 10.2 15.2



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: 42.060 ng

RT: 10.01 min Scan# 1381

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

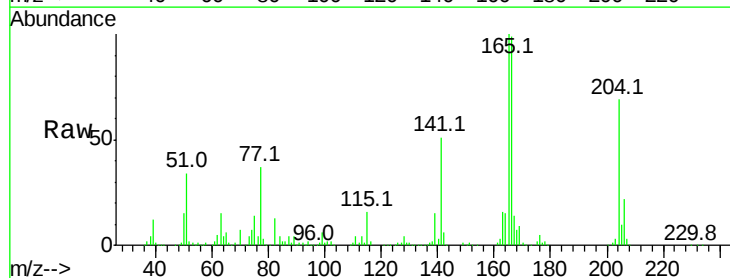
Tgt Ion:204 Resp: 223089

Ion Ratio Lower Upper

204 100

206 31.4 26.2 39.2

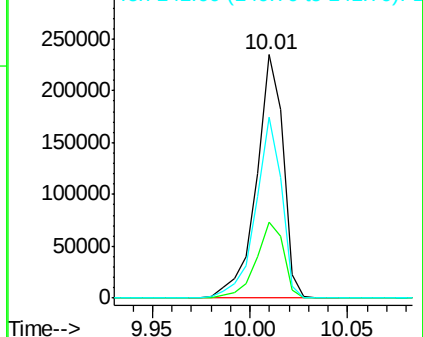
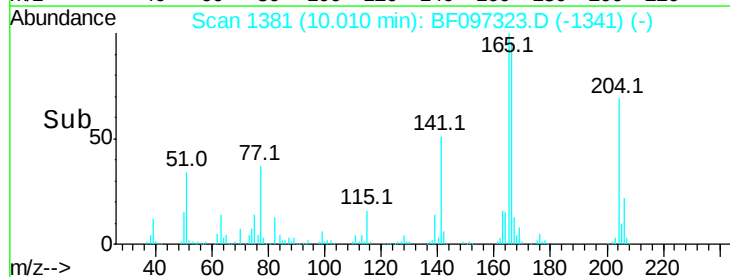
141 74.1 60.8 91.2

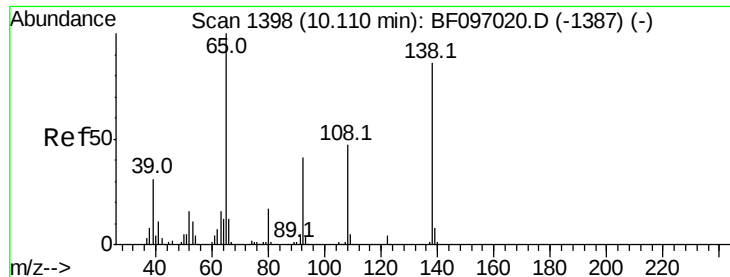


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

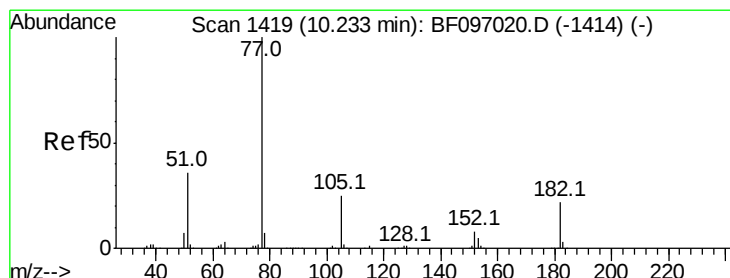
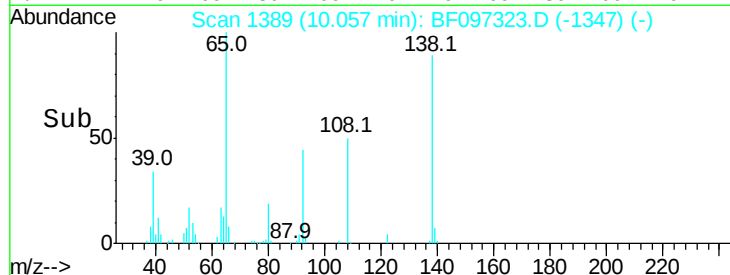
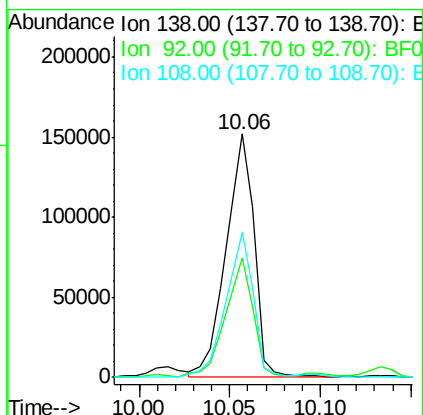
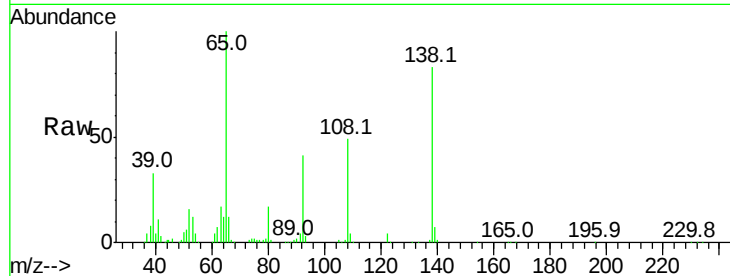




#61
4-Nitroaniline
Concen: 37.907 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

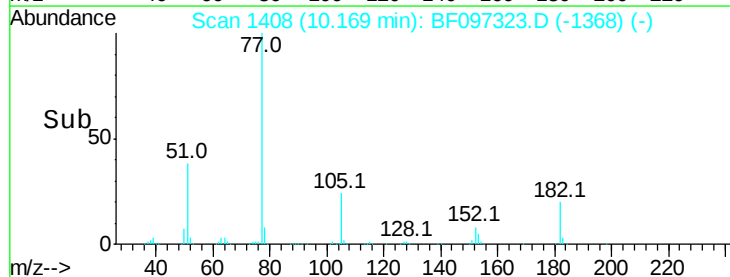
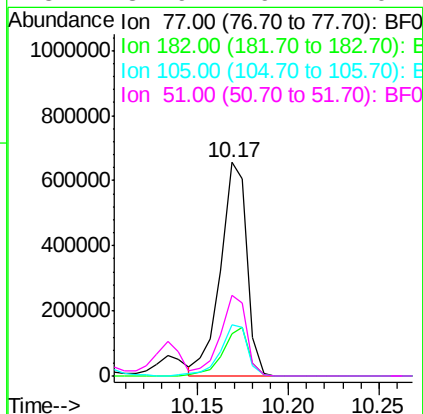
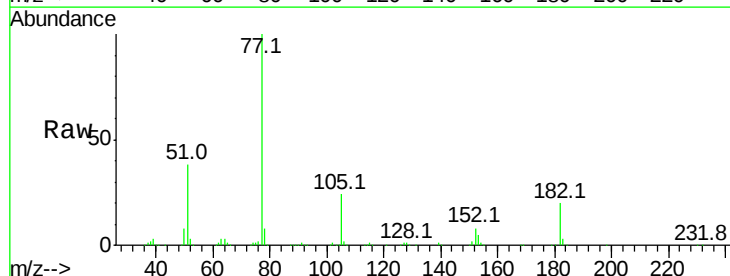
Instrument :
BNA_F
ClientSampleId :
PB101187BS

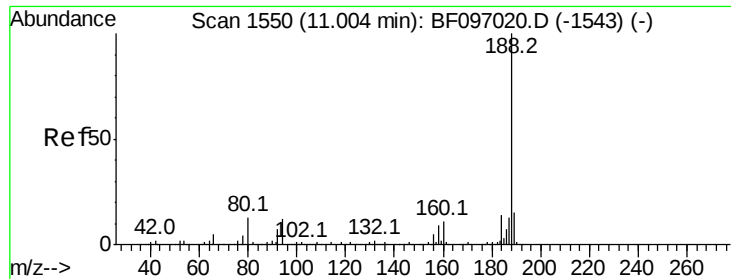
Tot Ion:138 Resp: 162571
Ion Ratio Lower Upper
138 100
92 49.2 21.8 61.8
108 59.6 42.3 82.3



#62
Azobenzene
Concen: 45.535 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion: 77 Resp: 664439
Ion Ratio Lower Upper
77 100
182 19.9 0.1 40.1
105 23.9 3.6 43.6
51 37.9 9.4 49.4

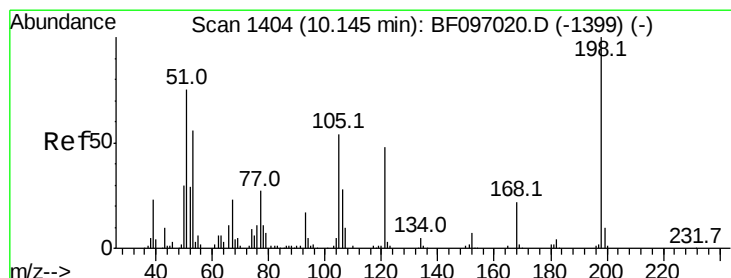
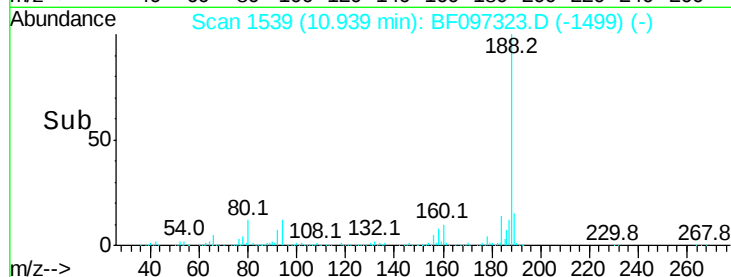
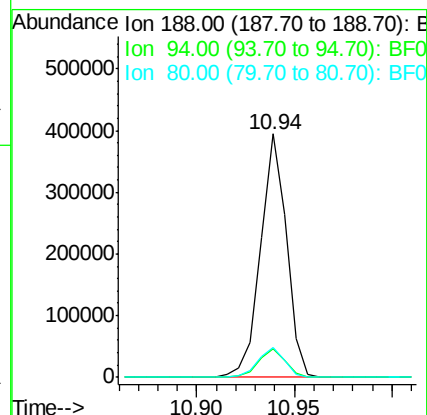
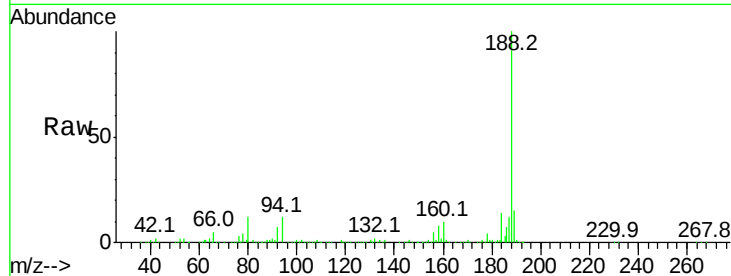




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

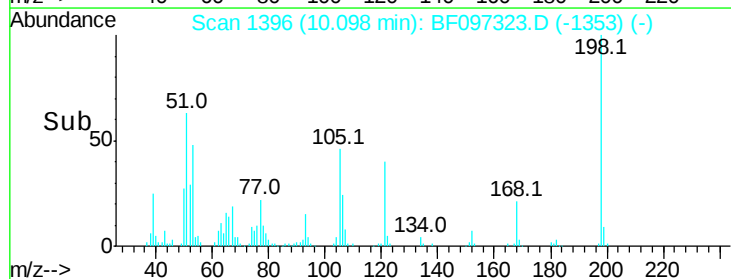
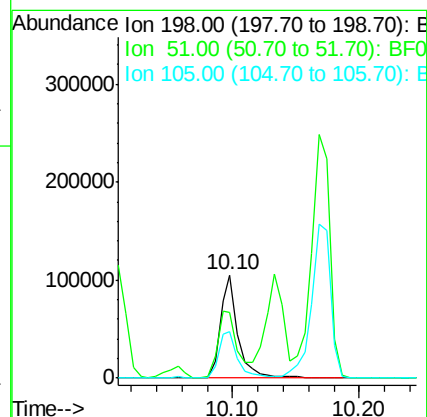
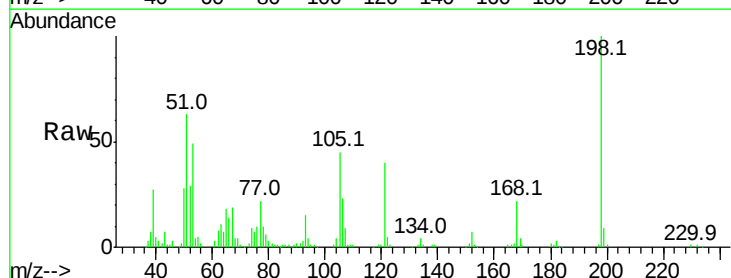
Instrument :
BNA_F
ClientSampleId :
PB101187BS

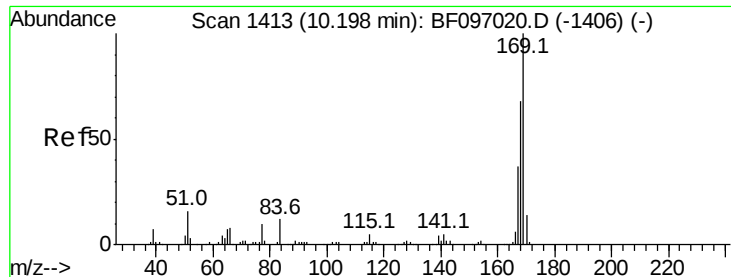
Tot Ion:188 Resp: 365451
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.317 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.05 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion:198 Resp: 102910
Ion Ratio Lower Upper
198 100
51 63.3 53.2 93.2
105 45.4 45.8 85.8#

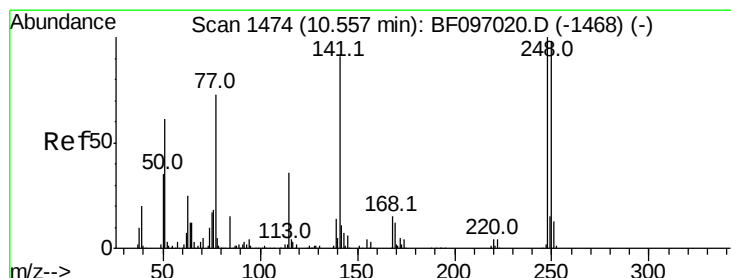
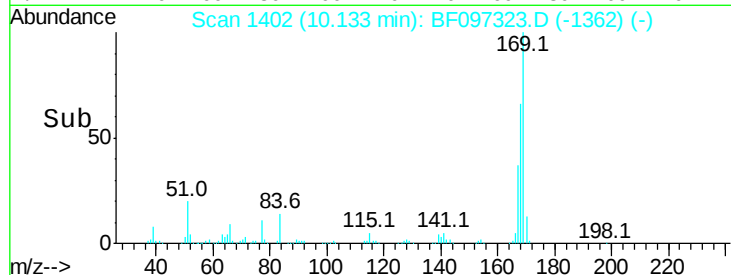
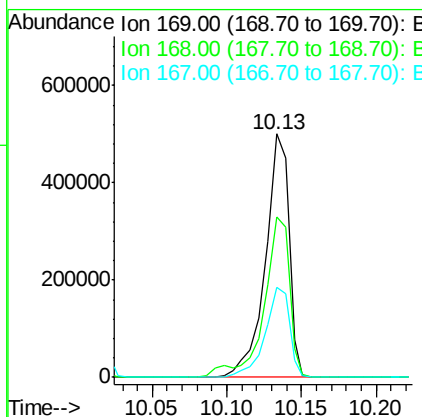
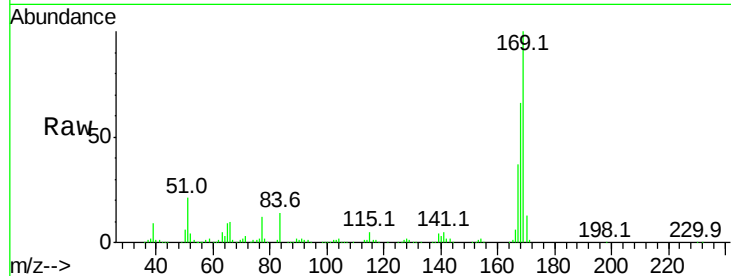




#65
 n-Nitrosodiphenylamine
 Concen: 42.996 ng
 RT: 10.13 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

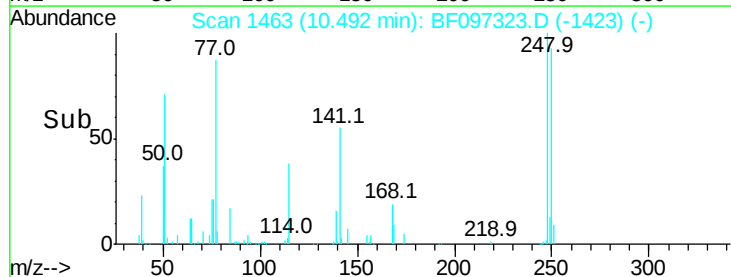
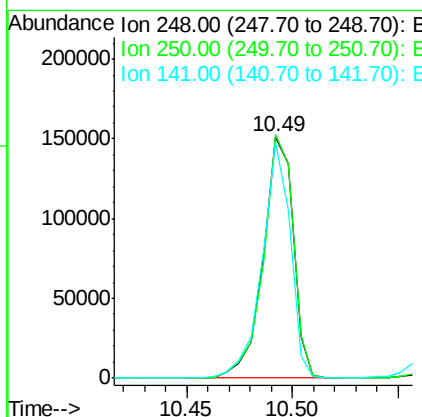
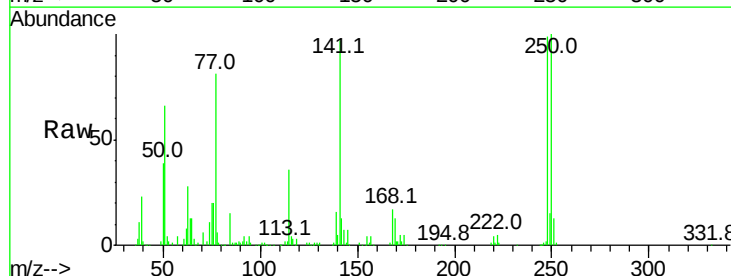
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

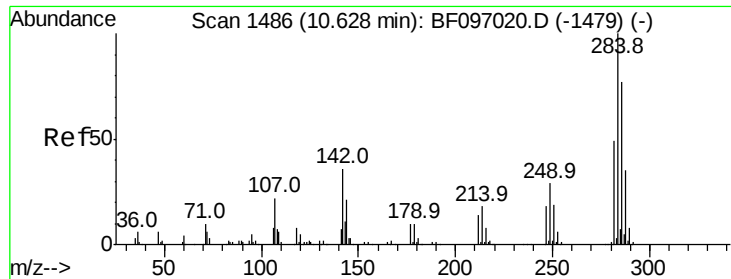
Tot Ion:169 Resp: 546723
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.416 ng
 RT: 10.49 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:248 Resp: 151048
 Ion Ratio Lower Upper
 248 100
 250 101.0 76.8 115.2
 141 98.1 68.6 103.0





#67

Hexachlorobenzene

Concen: 38.806 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

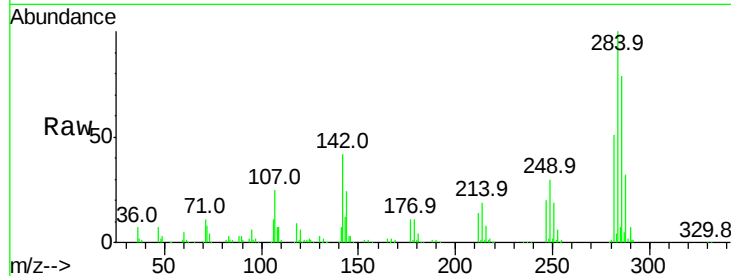
Tot Ion:284 Resp: 158709

Ion Ratio Lower Upper

284 100

142 42.3 22.8 34.2#

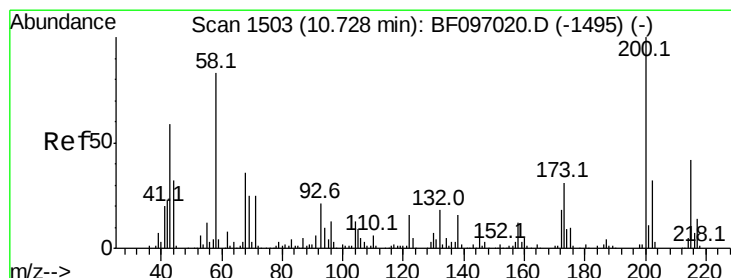
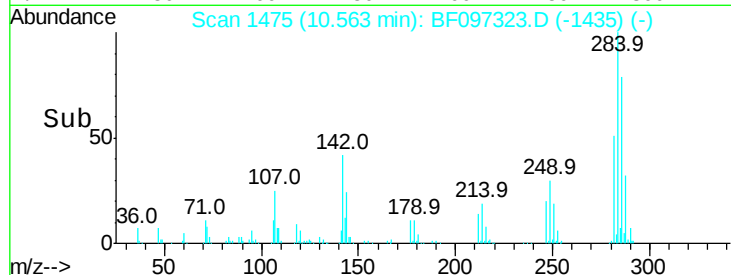
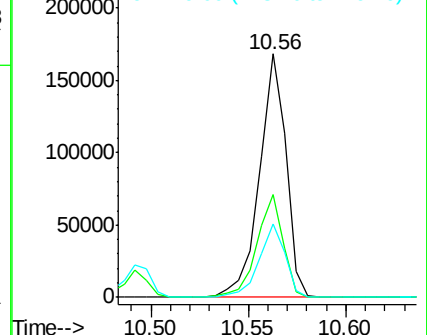
249 30.3 24.0 36.0



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: 43.563 ng

RT: 10.67 min Scan# 1493

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

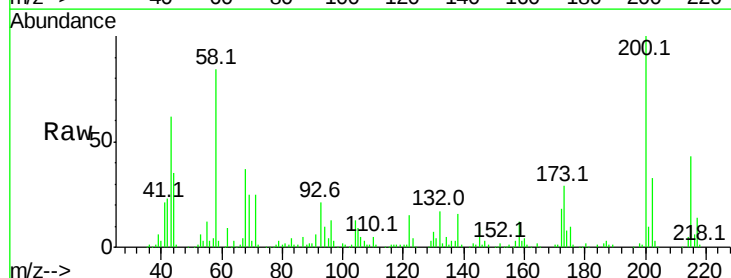
Tgt Ion:200 Resp: 158841

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

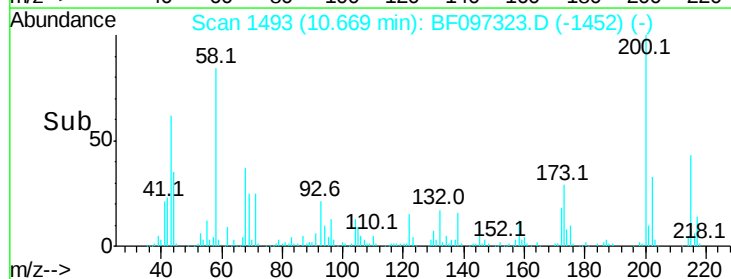
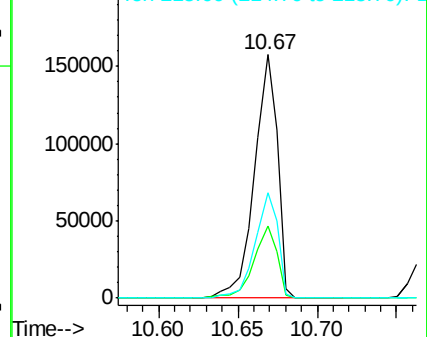
215 43.3 27.2 67.2

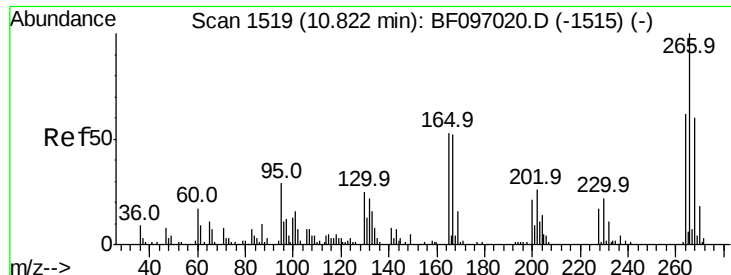


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

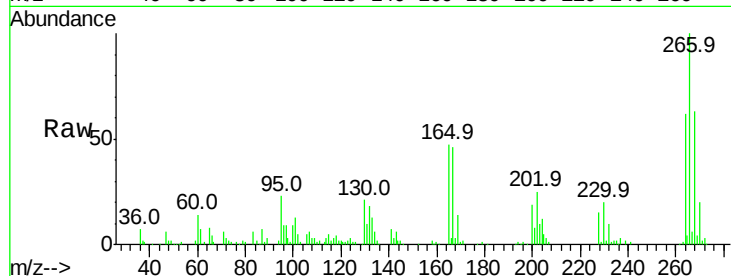




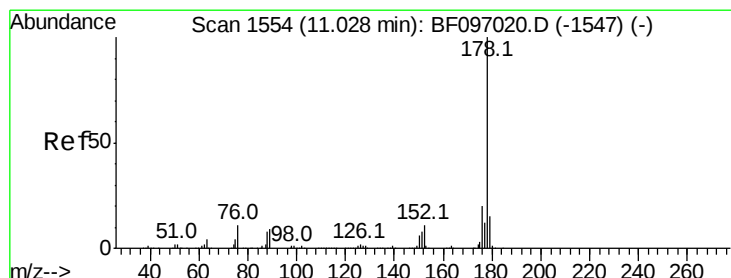
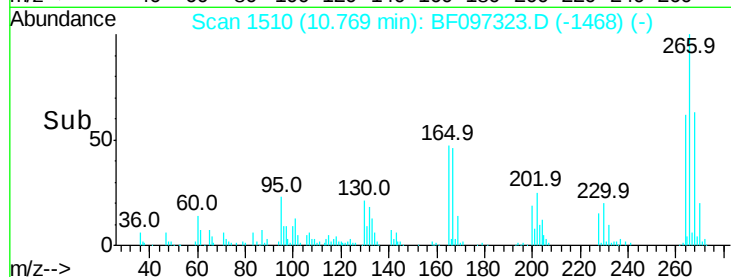
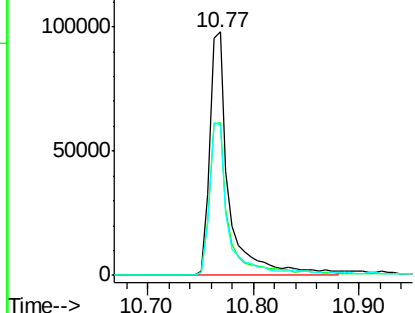
#69
 Pentachlorophenol
 Concen: 74.944 ng
 RT: 10.77 min Scan# 1510
 Delta R.T. -0.05 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.8	51.7	77.5

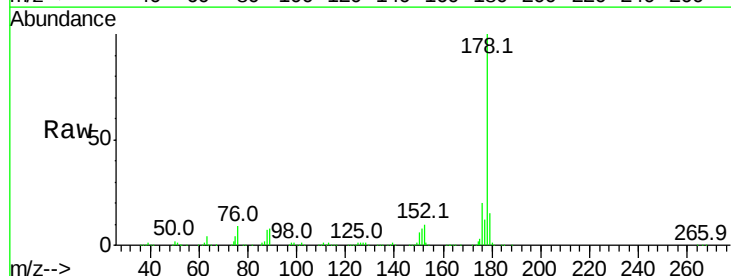


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

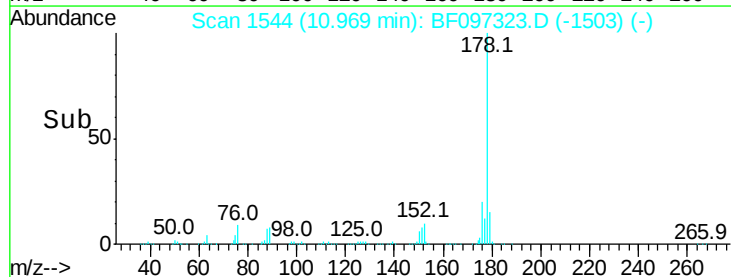
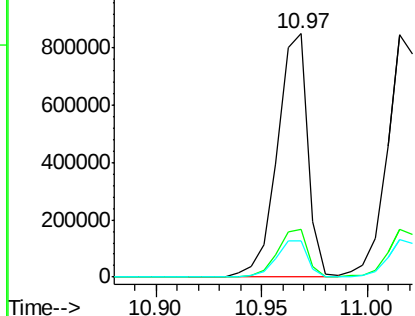


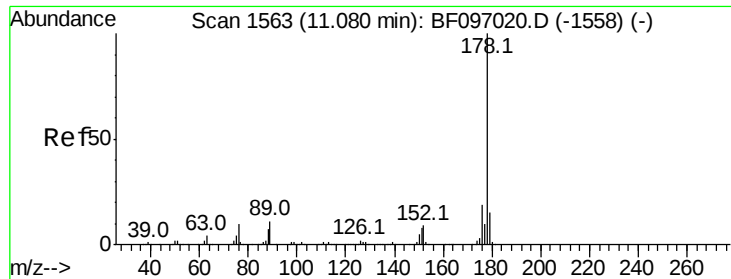
#70
 Phenanthrene
 Concen: 43.831 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	14.9	12.6	19.0



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

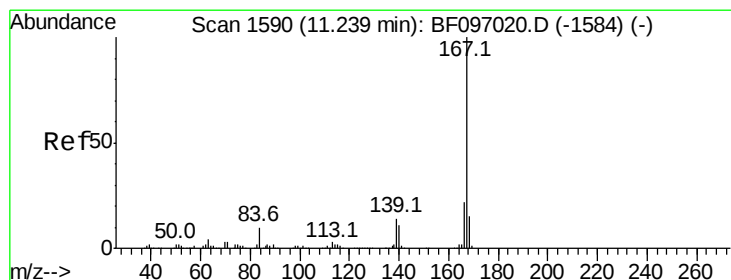
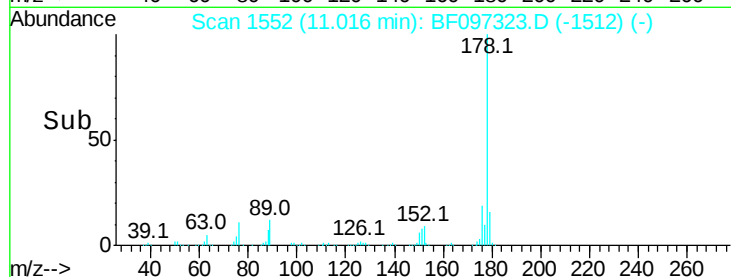
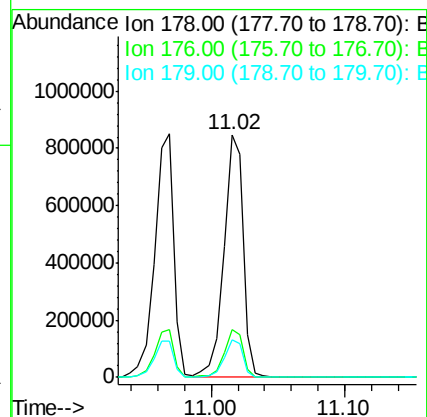
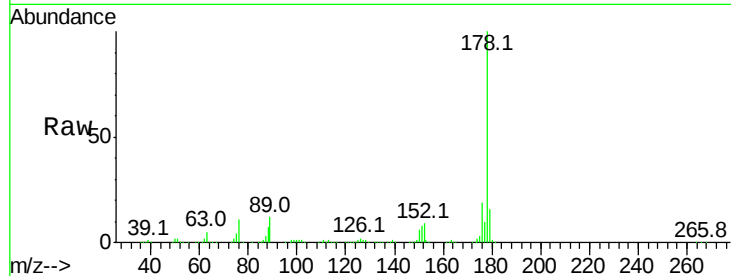




#71
 Anthracene
 Concen: 43.239 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

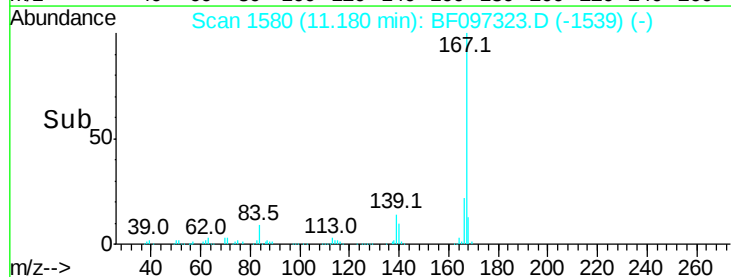
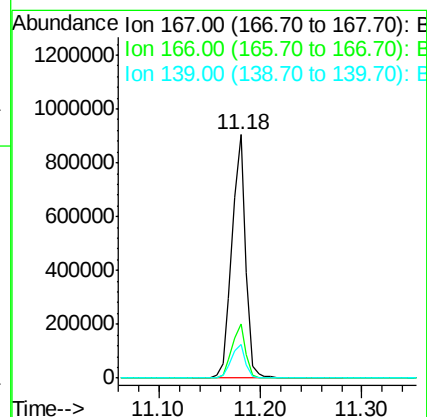
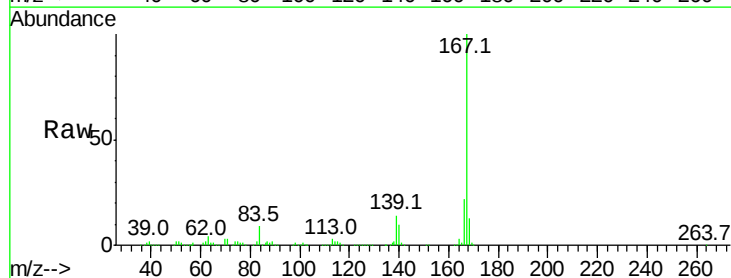
Instrument :
 BNA_F
 ClientSampleID :
 PB101187BS

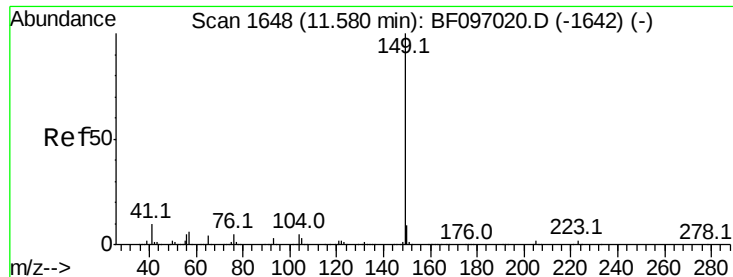
Tot Ion:178 Resp: 867174
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 43.266 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:167 Resp: 853374
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.046 ng

RT: 11.52 min Scan# 1638

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

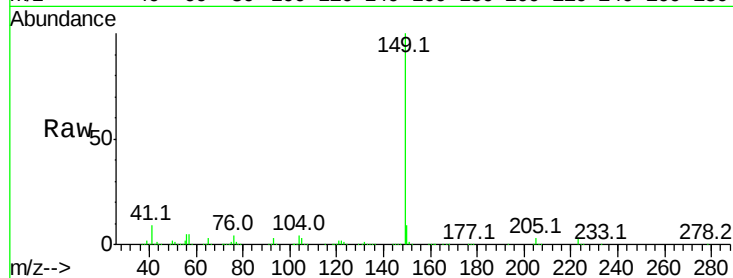
Tot Ion:149 Resp: 1000727

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

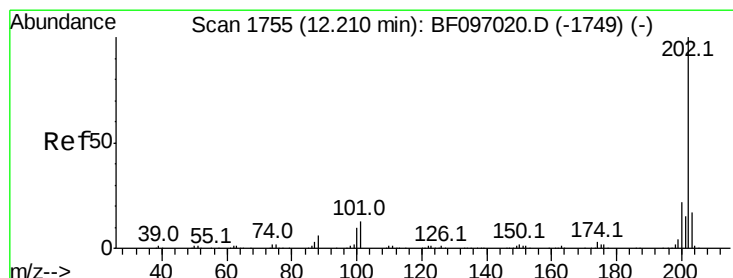
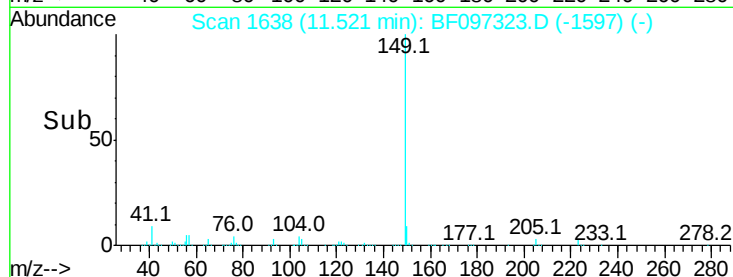
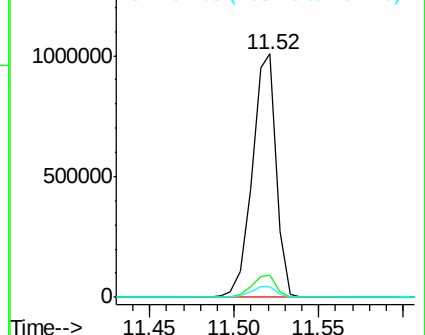
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.277 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

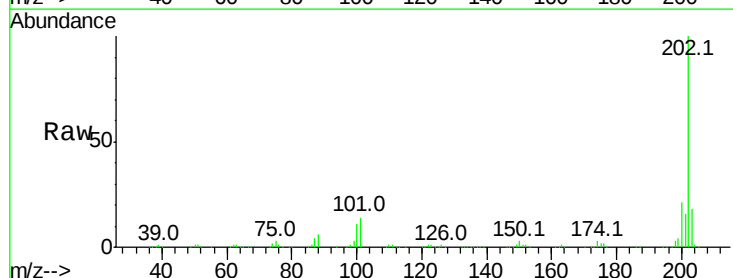
Tgt Ion:202 Resp: 810974

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

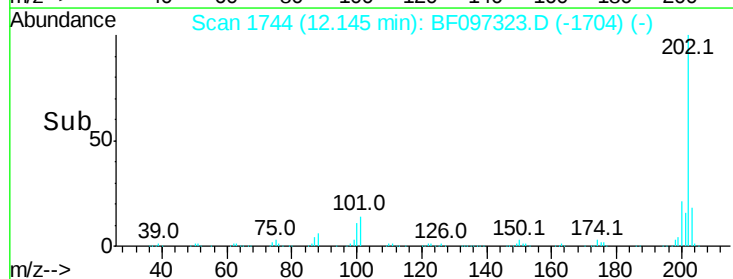
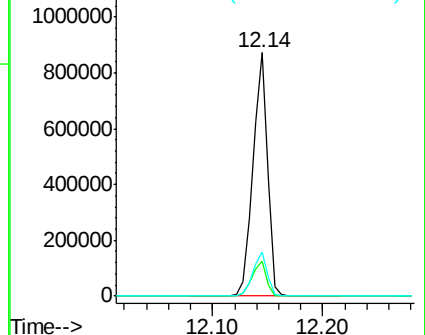
203 17.8 0.0 38.1

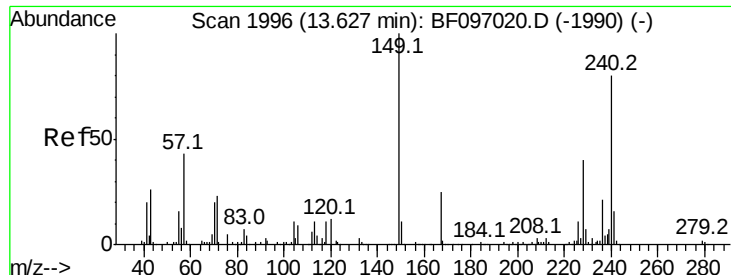


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

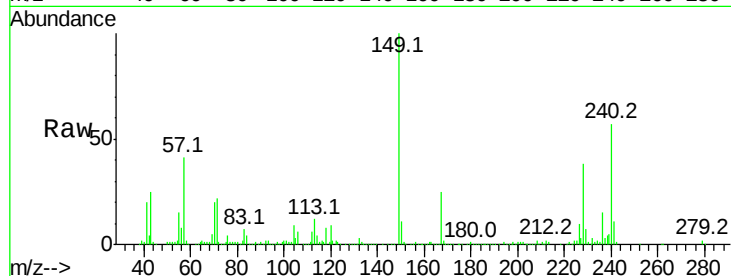
Tot Ion:240 Resp: 217750

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

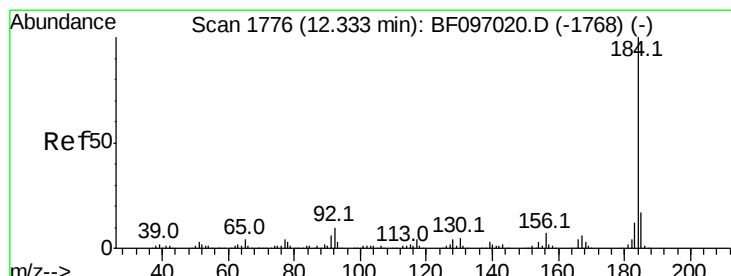
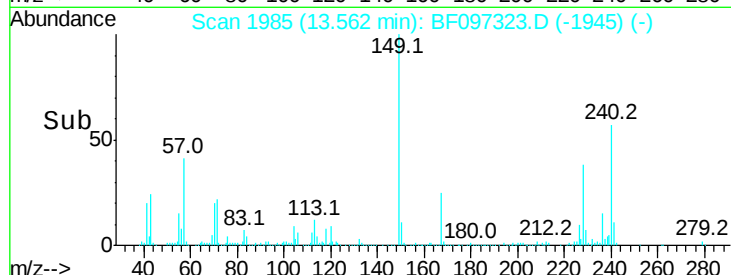
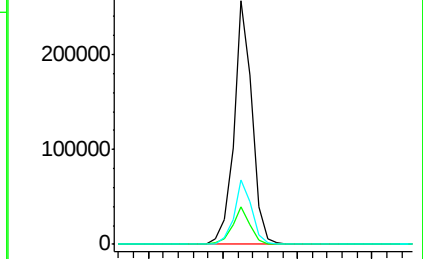
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.061 ng

RT: 12.27 min Scan# 1766

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

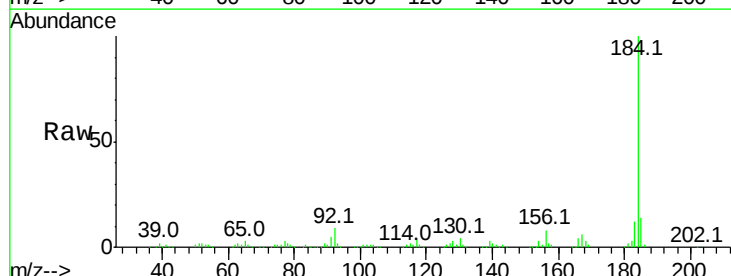
Tgt Ion:184 Resp: 194403

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

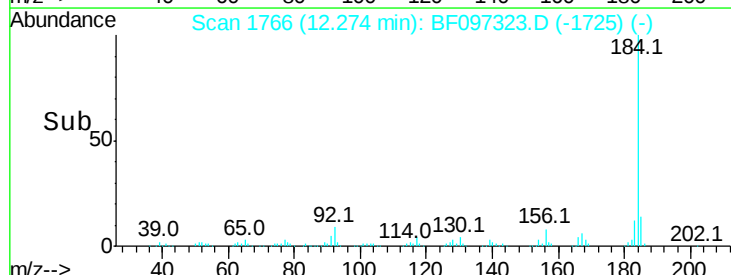
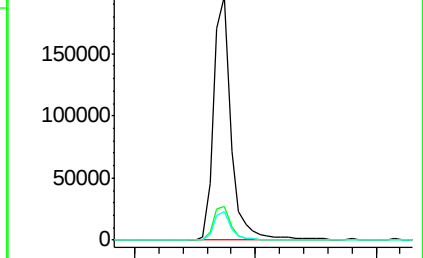
183 11.7 9.8 14.6

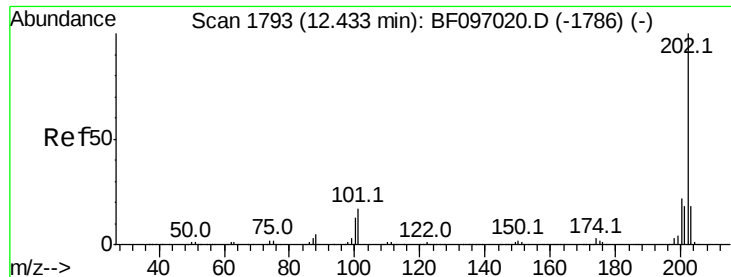


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.681 ng

RT: 12.37 min Scan# 1782

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

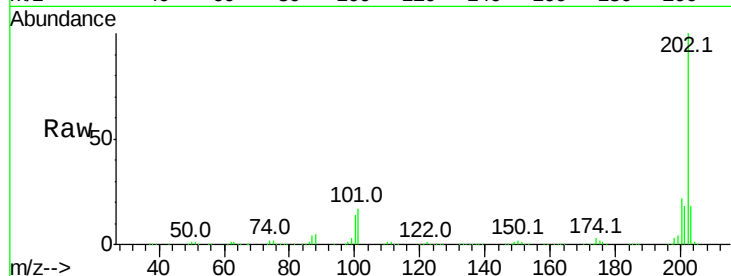
Tot Ion:202 Resp: 867807

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

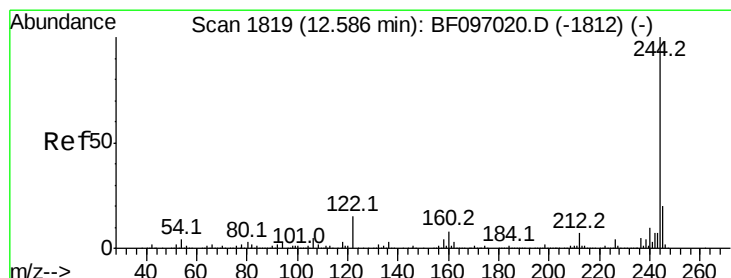
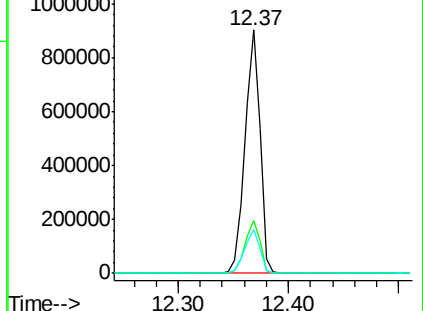
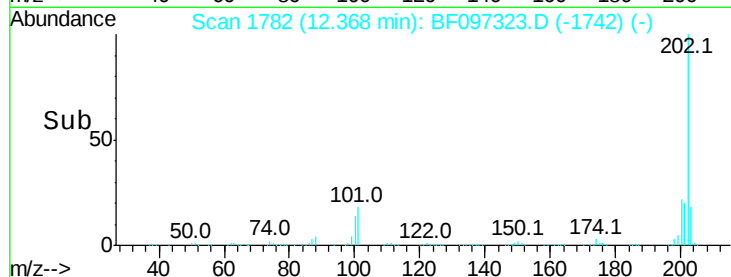
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.107 ng

RT: 12.52 min Scan# 1808

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

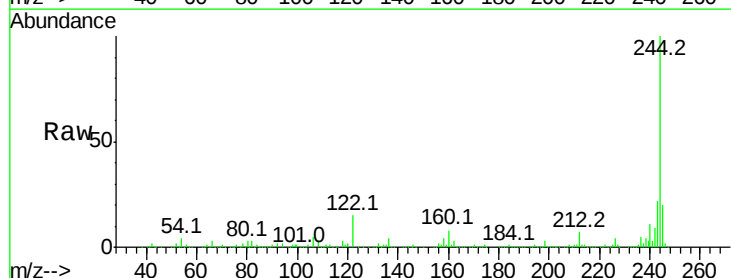
Tgt Ion:244 Resp: 908948

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

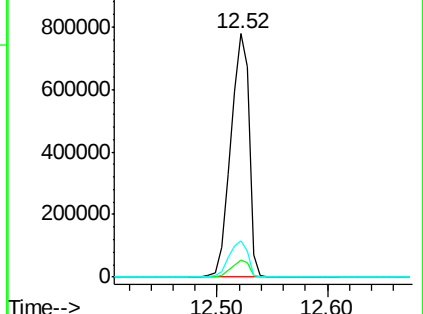
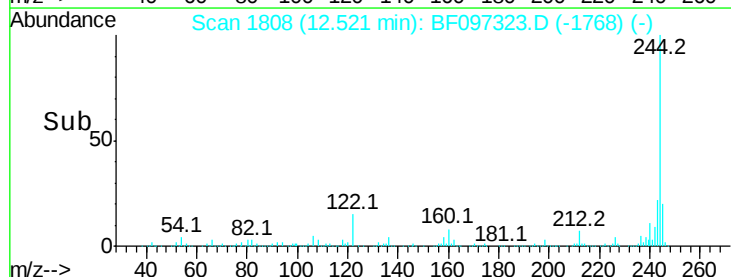
122 15.0 10.3 15.5

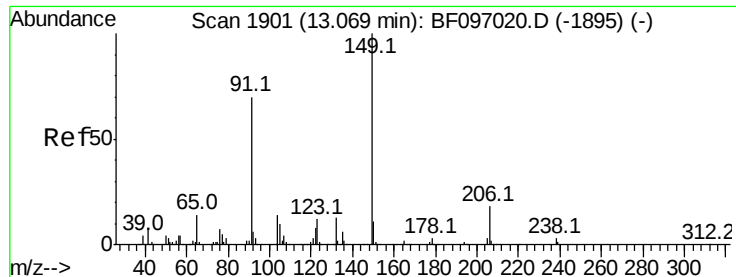


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

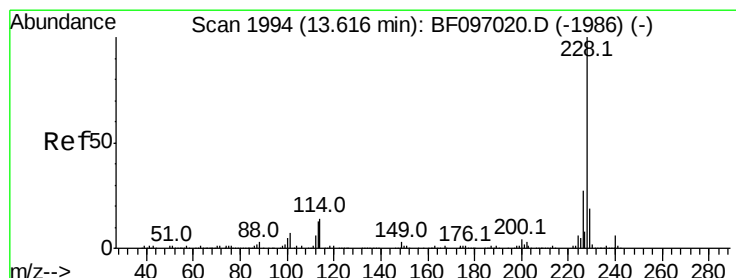
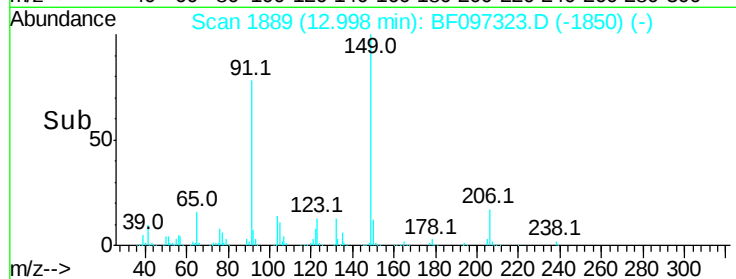
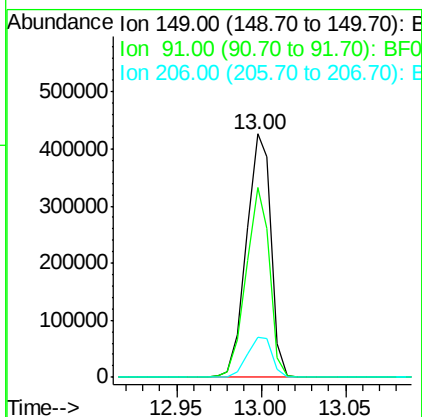
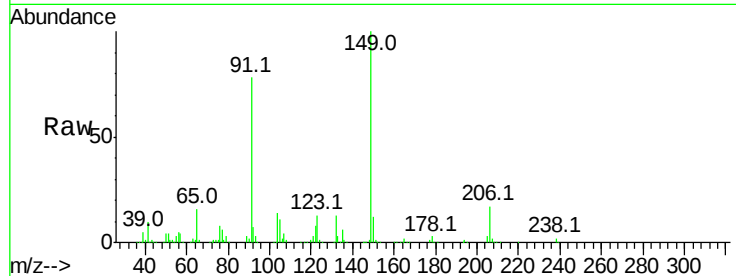




#79
Butylbenzylphthalate
Concen: 47.819 ng
RT: 13.00 min Scan# 1889
Delta R.T. -0.07 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

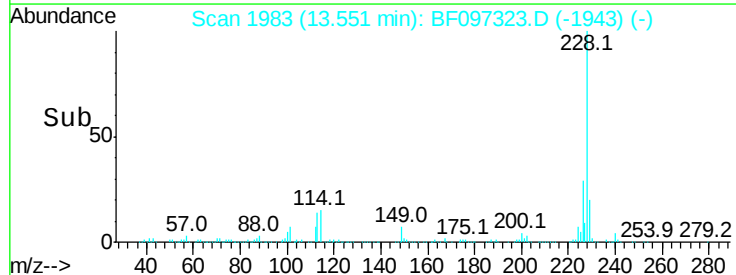
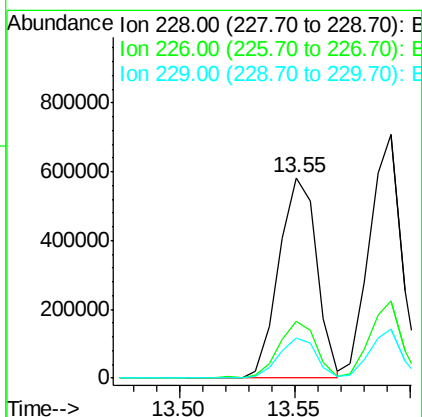
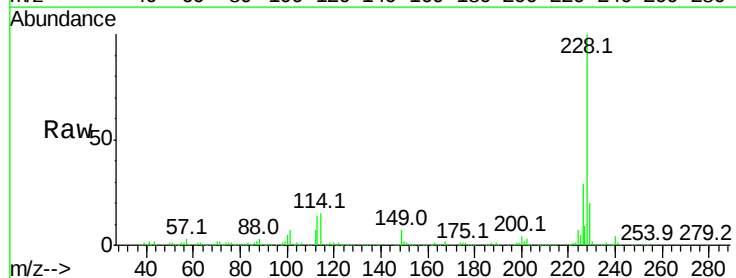
Instrument :
BNA_F
ClientSampleId :
PB101187BS

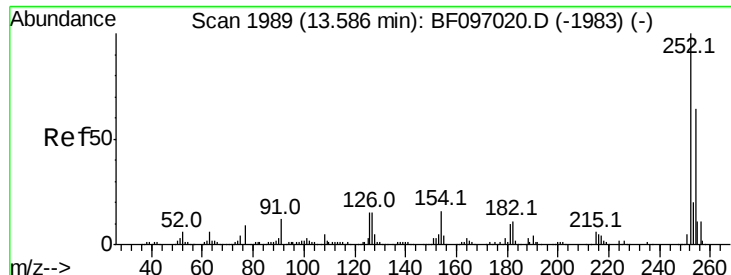
Tot Ion:149 Resp: 433620
Ion Ratio Lower Upper
149 100
91 77.8 45.0 67.4#
206 16.6 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 46.827 ng
RT: 13.55 min Scan# 1983
Delta R.T. -0.06 min
Lab File: BF097323.D
Acq: 3 Aug 2017 18:15

Tgt Ion:228 Resp: 659768
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.8 16.3 24.5

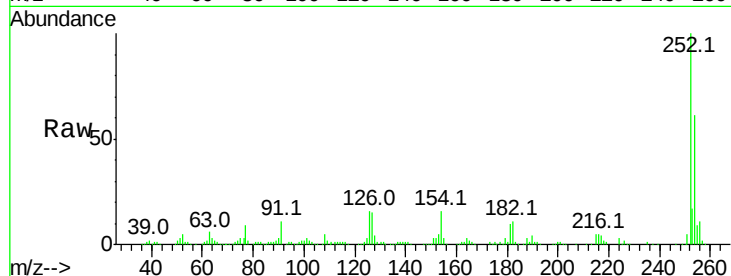




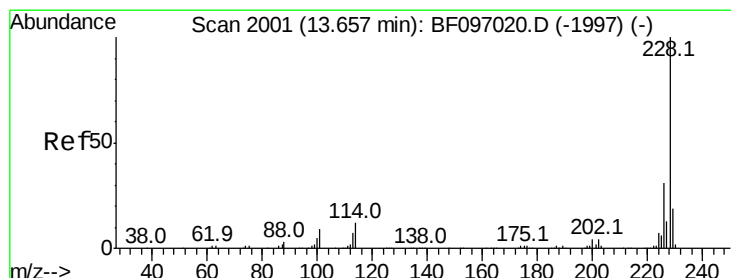
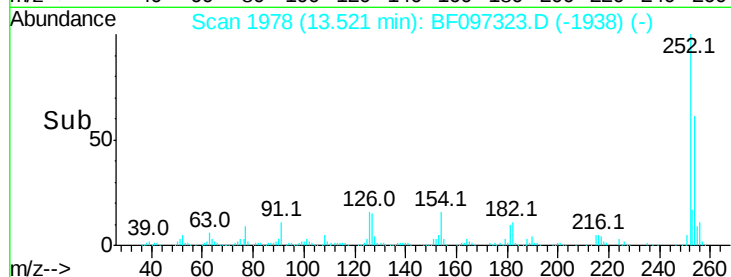
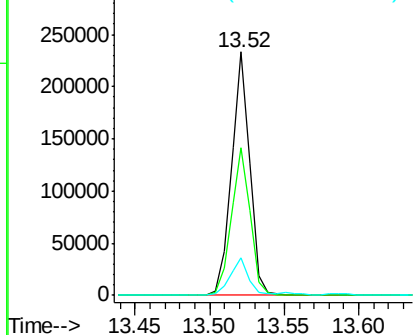
#81
 3,3'-Dichlorobenzidine
 Concen: 38.136 ng
 RT: 13.52 min Scan# 1978
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.8	51.5	77.3
126	15.6	15.8	23.8#

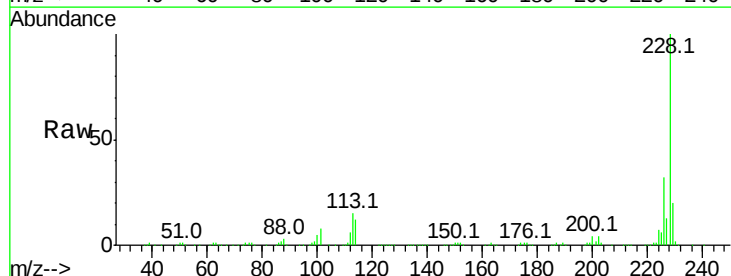


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

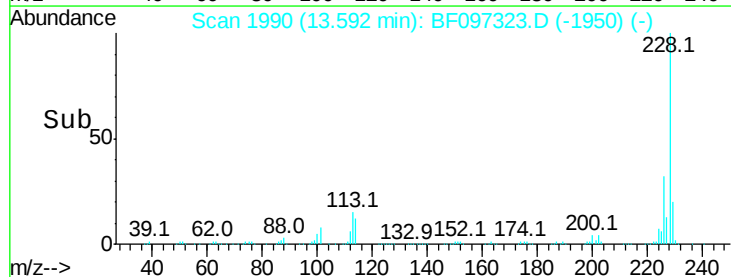
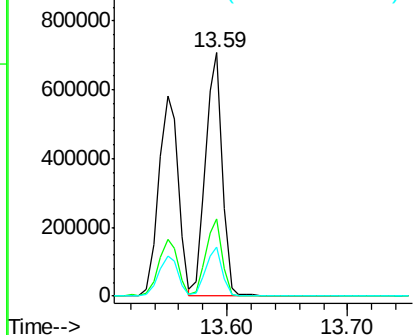


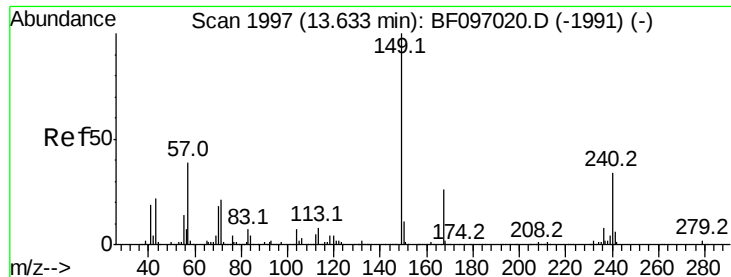
#82
 Chrysene
 Concen: 49.204 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

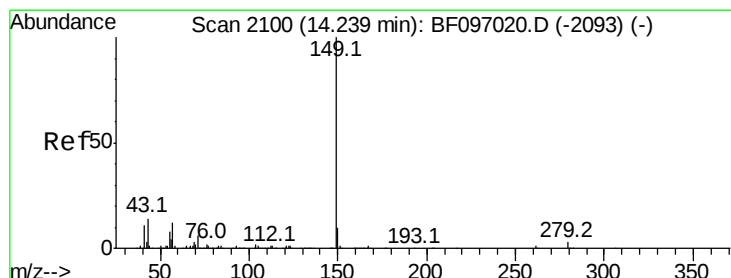
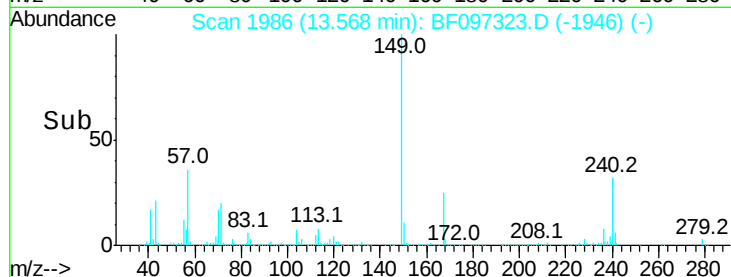
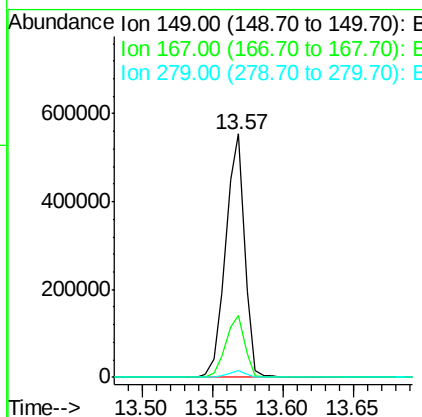
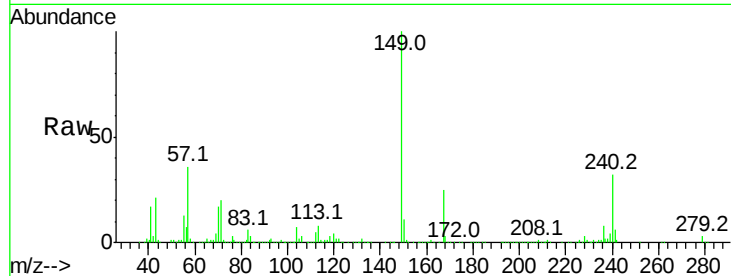




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.737 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

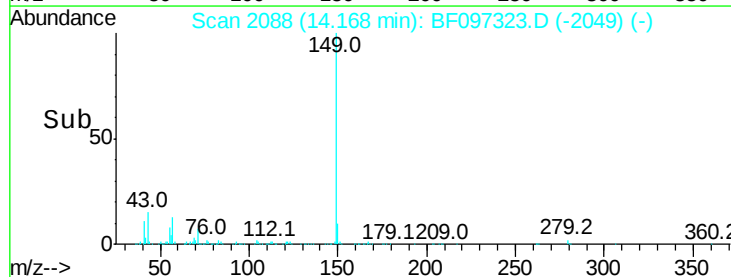
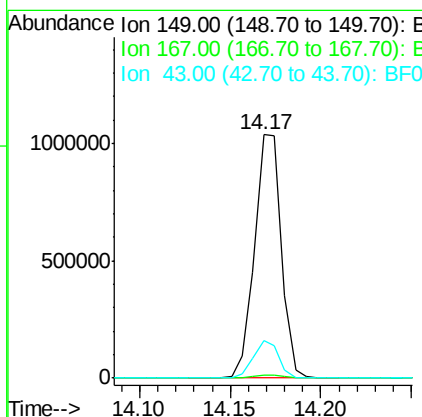
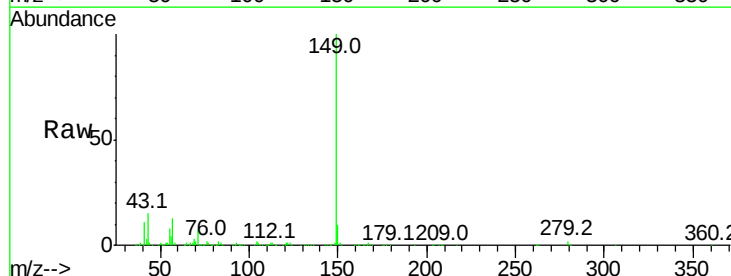
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

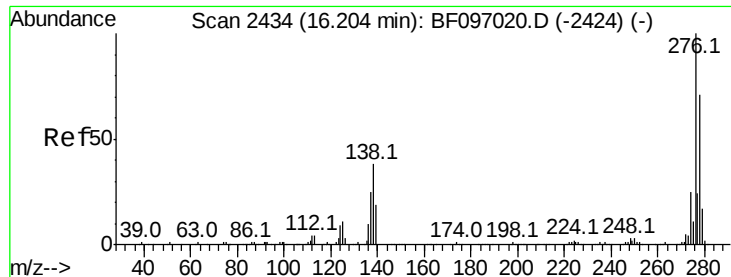
Tot Ion:149 Resp: 517826
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.003 ng
 RT: 14.17 min Scan# 2088
 Delta R.T. -0.07 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:149 Resp: 1064700
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 14.4 8.5 12.7#

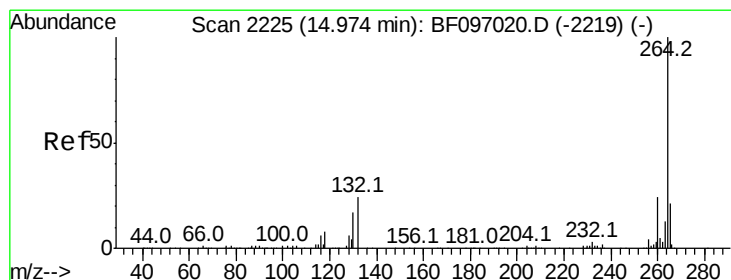
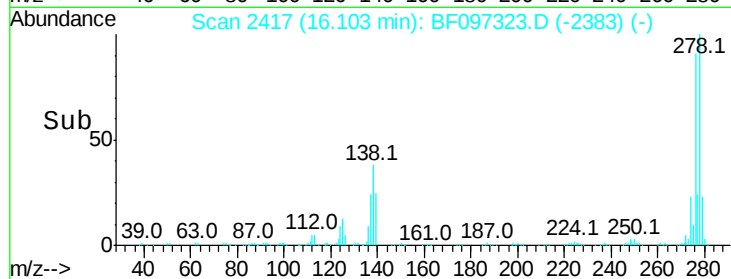
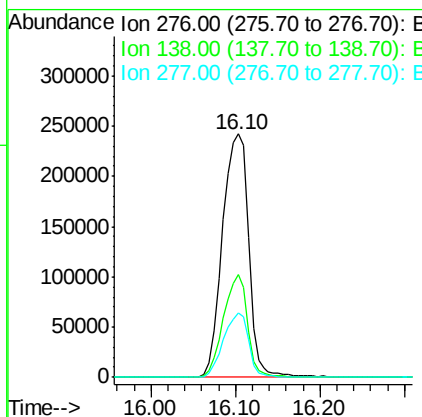
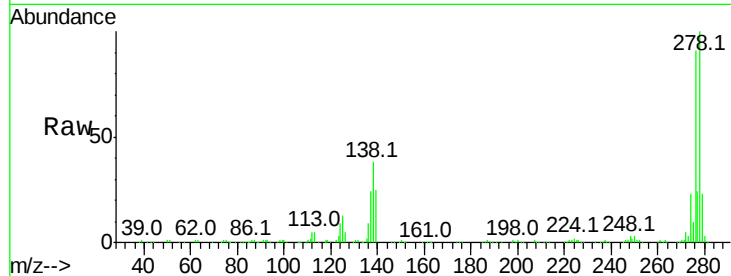




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.209 ng
 RT: 16.10 min Scan# 2417
 Delta R.T. -0.10 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

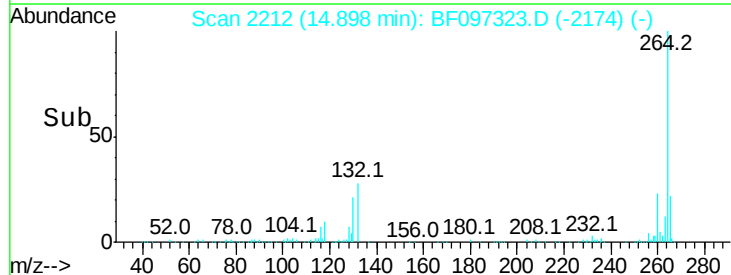
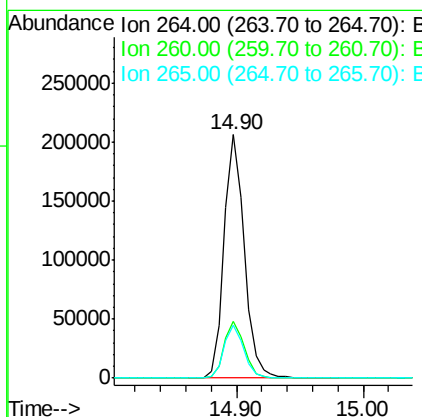
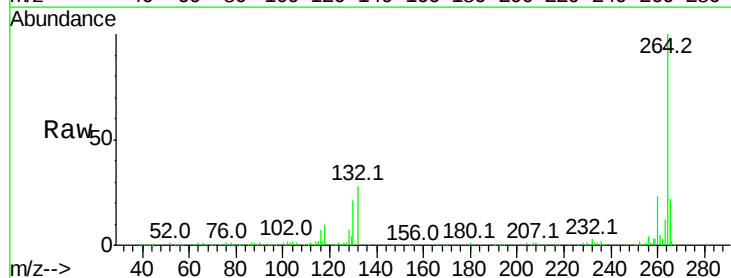
Instrument :
 BNA_F
 ClientSampleId :
 PB101187BS

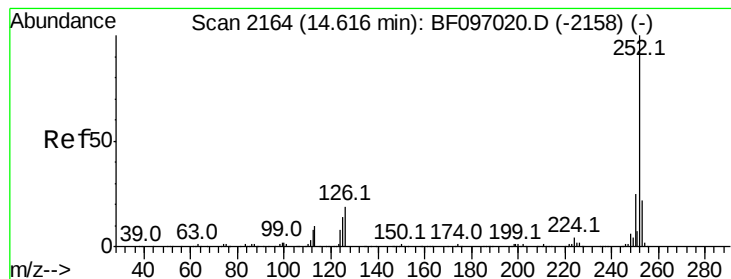
Tot Ion:276 Resp: 521531
 Ion Ratio Lower Upper
 276 100
 138 38.5 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.90 min Scan# 2212
 Delta R.T. -0.08 min
 Lab File: BF097323.D
 Acq: 3 Aug 2017 18:15

Tgt Ion:264 Resp: 228582
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.468 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.06 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

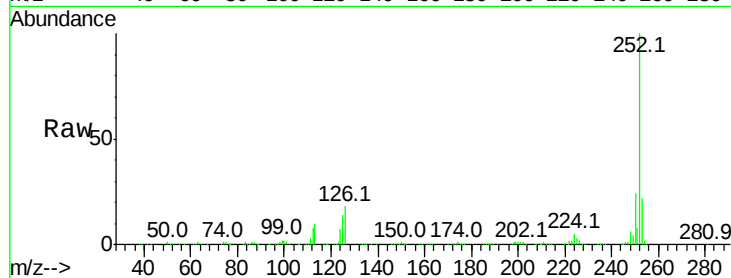
Tot Ion:252 Resp: 611018

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

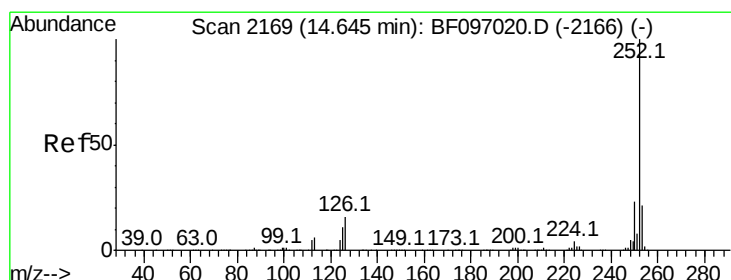
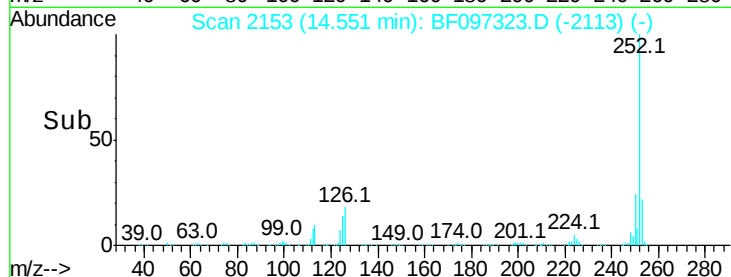
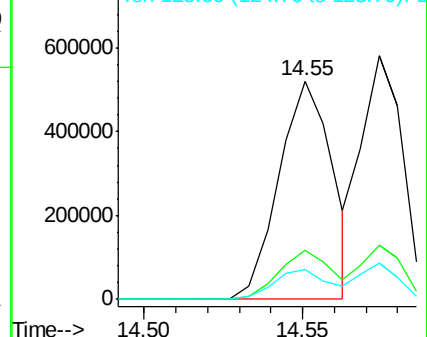
125 13.9 9.8 14.8



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: 41.538 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.07 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

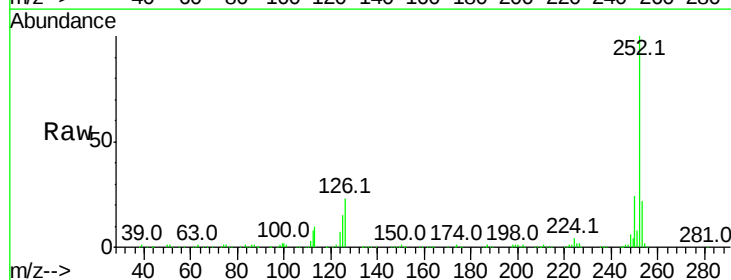
Tgt Ion:252 Resp: 543881

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

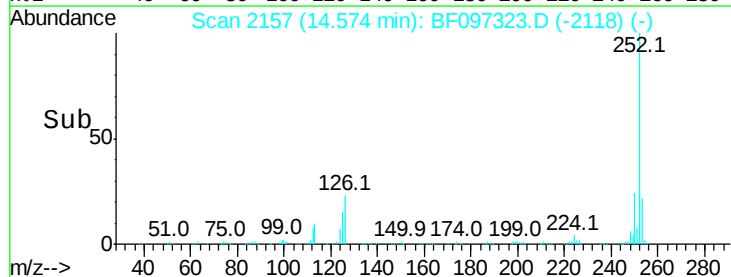
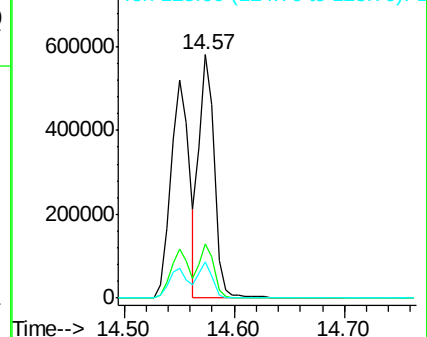
125 14.9 13.1 19.7

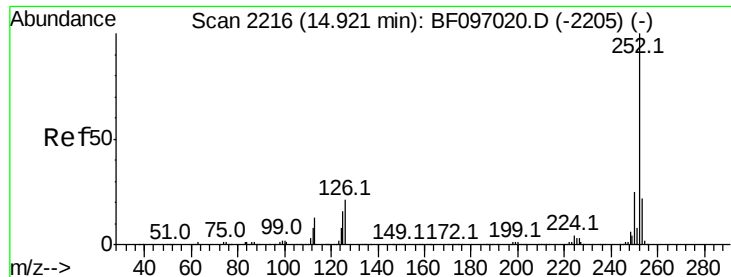


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.881 ng

RT: 14.85 min Scan# 2204

Delta R.T. -0.07 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

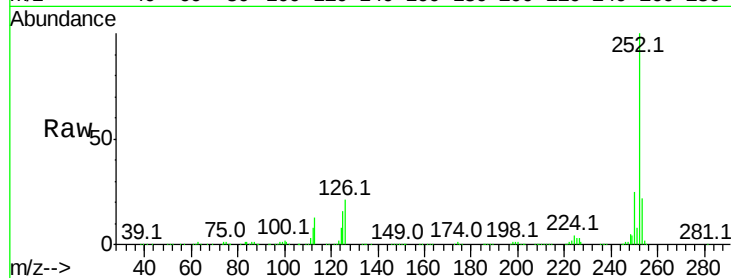
Tot Ion:252 Resp: 564406

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

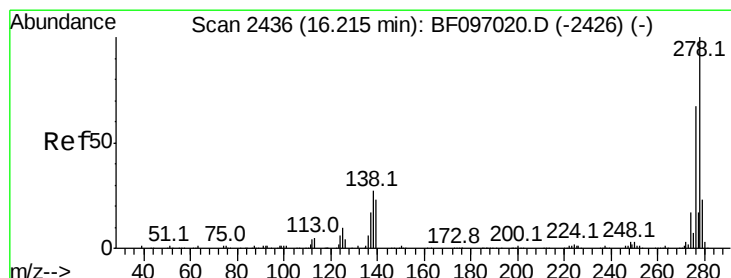
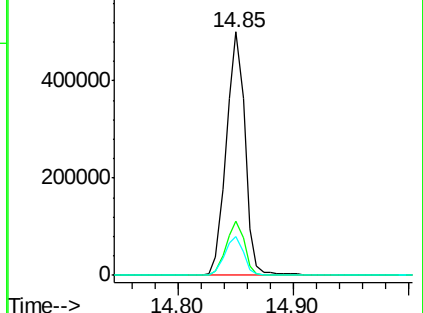
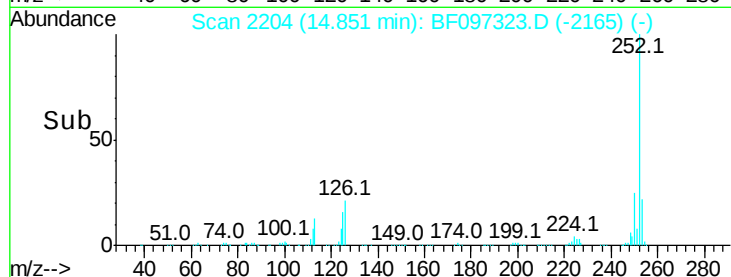
125 16.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.260 ng

RT: 16.11 min Scan# 2418

Delta R.T. -0.11 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

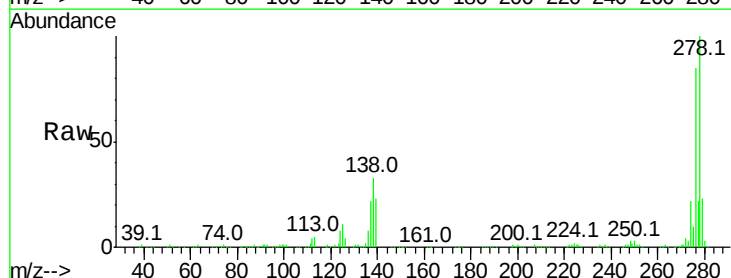
Tgt Ion:278 Resp: 435816

Ion Ratio Lower Upper

278 100

139 22.6 16.6 24.8

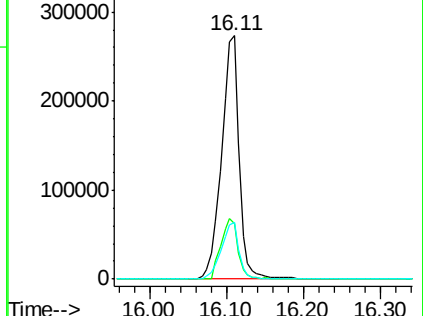
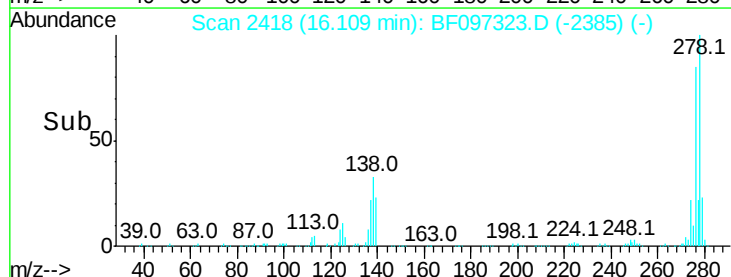
279 23.2 19.3 28.9

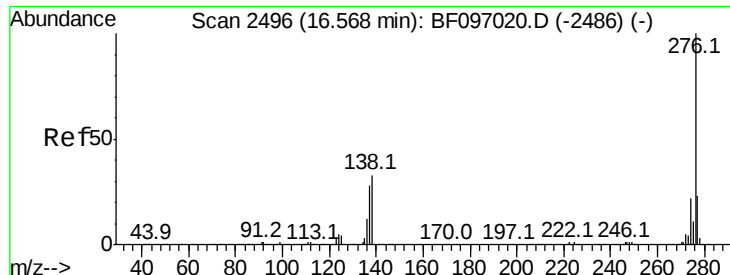


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.648 ng

RT: 16.45 min Scan# 2476

Delta R.T. -0.12 min

Lab File: BF097323.D

Acq: 3 Aug 2017 18:15

Instrument :

BNA_F

ClientSampleId :

PB101187BS

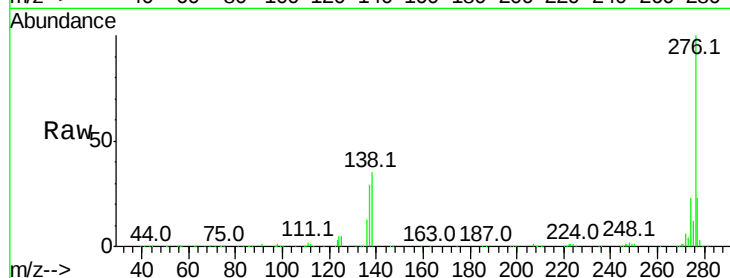
Tot Ion:276 Resp: 472036

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 35.1 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

