

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097021.D
 Acq On : 25 Jul 2017 11:37
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 13:21:24 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 13:17:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	141444	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	589479	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	248178	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	400854	20.00	ng	0.00
75) Chrysene-d12	13.63	240	235182	20.00	ng	0.00
86) Perylene-d12	14.97	264	241086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	876915	93.22	ng	0.00
7) Phenol-d6	6.17	99	996681	88.29	ng	0.00
23) Nitrobenzene-d5	7.08	82	975018	102.45	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	185481	87.56	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1390807	88.54	ng	0.00
78) Terphenyl-d14	12.59	244	1154866	85.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	198773	41.065	ng	# 73
3) Pyridine	2.66	79	630589	61.988	ng	# 64
4) n-Nitrosodimethylamine	2.63	42	336126	59.085	ng	# 82
6) Aniline	6.17	93	629901	45.299	ng	# 71
8) 2-Chlorophenol	6.29	128	470214	46.333	ng	# 92
9) Benzaldehyde	6.05	77	258852	39.672	ng	# 99
10) Phenol	6.19	94	602621	47.222	ng	# 96
11) bis(2-Chloroethyl)ether	6.25	93	480407	50.060	ng	# 89
12) 1,3-Dichlorobenzene	6.44	146	525468	48.711	ng	# 97
13) 1,4-Dichlorobenzene	6.52	146	519168	47.523	ng	# 96
14) 1,2-Dichlorobenzene	6.67	146	427520	43.025	ng	# 98
15) Benzyl Alcohol	6.66	79	310435	42.003	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	978045	49.384	ng	# 95
17) 2-Methylphenol	6.79	107	370669	46.969	ng	# 90
18) Hexachloroethane	7.01	117	190154	49.088	ng	# 80
19) n-Nitroso-di-n-propylamine	6.94	70	329474	48.445	ng	# 84
20) 3+4-Methylphenols	6.95	107	481994	50.331	ng	# 64
22) Acetophenone	6.93	105	672788	51.065	ng	# 98
24) Nitrobenzene	7.10	77	511673	51.986	ng	# 92
25) Isophorone	7.34	82	952774	53.817	ng	# 97
26) 2-Nitrophenol	7.41	139	283797	51.855	ng	# 86
27) 2,4-Dimethylphenol	7.47	122	444540	49.373	ng	# 98
28) bis(2-Chloroethoxy)methane	7.56	93	624318	52.187	ng	# 99
29) 2,4-Dichlorophenol	7.66	162	383951	47.111	ng	# 98
30) 1,2,4-Trichlorobenzene	7.73	180	366548	47.303	ng	# 97
31) Naphthalene	7.81	128	1307259	46.813	ng	# 100
32) Benzoic acid	7.65	122	375529	65.257	ng	# 92
33) 4-Chloroaniline	7.87	127	536485	48.490	ng	# 98
34) Hexachlorobutadiene	7.93	225	201335	48.671	ng	# 99
35) Caprolactam	8.26	113	131628	50.405	ng	# 58
36) 4-Chloro-3-methylphenol	8.37	107	436043	49.758	ng	# 90
37) 2-Methylnaphthalene	8.50	142	834167	46.855	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	323025	48.149	ng	# 99
40) Hexachlorocyclopentadiene	8.66	237	114379	51.298	ng	# 99

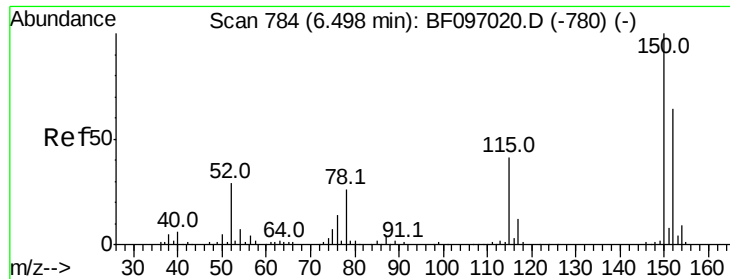
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	236705	47.832	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	239738	48.035	ng	99
45) 1,1'-Biphenyl	8.97	154	978641	45.978	ng	98
46) 2-Chloronaphthalene	8.99	162	728817	46.501	ng	# 92
47) 2-Nitroaniline	9.09	65	277045	51.424	ng	97
48) Acenaphthylene	9.40	152	1097259	43.939	ng	99
49) Dimethylphthalate	9.28	163	896366	47.967	ng	99
50) 2,6-Dinitrotoluene	9.33	165	199385	49.260	ng	# 76
51) Acenaphthene	9.57	154	657145	44.545	ng	96
52) 3-Nitroaniline	9.50	138	237133	49.454	ng	90
53) 2,4-Dinitrophenol	9.62	184	100934	59.279	ng	# 72
54) Dibenzofuran	9.74	168	877328	42.439	ng	98
55) 4-Nitrophenol	9.69	139	153064	43.694	ng	# 63
56) 2,4-Dinitrotoluene	9.74	165	219201	42.145	ng	# 51
57) Fluorene	10.08	166	674394	44.146	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	167093	48.274	ng	97
59) Diethylphthalate	9.97	149	841526	46.259	ng	99
60) 4-Chlorophenyl-phenylether	10.07	204	274390	42.720	ng	100
61) 4-Nitroaniline	10.12	138	238029	52.863	ng	90
62) Azobenzene	10.23	77	808119	50.355	ng	93
64) 4,6-Dinitro-2-methylphenol	10.15	198	141229	56.115	ng	90
65) n-Nitrosodiphenylamine	10.20	169	673407	46.996	ng	97
66) 4-Bromophenyl-phenylether	10.56	248	196735	48.071	ng	97
67) Hexachlorobenzene	10.63	284	216668	47.534	ng	# 88
68) Atrazine	10.73	200	189848	46.505	ng	95
69) Pentachlorophenol	10.83	266	101151	45.936	ng	97
70) Phenanthrene	11.03	178	1001231	45.937	ng	99
71) Anthracene	11.09	178	1021007	46.331	ng	99
72) Carbazole	11.25	167	1028383	48.189	ng	98
73) Di-n-butylphthalate	11.59	149	1289556	48.521	ng	98
74) Fluoranthene	12.21	202	971112	46.548	ng	98
76) Benzidine	12.33	184	423135	54.919	ng	98
77) Pyrene	12.43	202	1024539	48.001	ng	98
79) Butylbenzylphthalate	13.07	149	542989	53.543	ng	# 78
80) Benzo(a)anthracene	13.62	228	807346	55.095	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	300801	57.084	ng	# 96
82) Chrysene	13.66	228	771917	53.509	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	671671	54.386	ng	100
84) Di-n-octyl phthalate	14.24	149	1221356	59.827	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.21	276	640266	48.902	ng	98
87) Benzo(b)fluoranthene	14.62	252	666817	45.860	ng	97
88) Benzo(k)fluoranthene	14.64	252	669700	48.639	ng	96
89) Benzo(a)pyrene	14.93	252	647779	48.574	ng	99
90) Dibenzo(a,h)anthracene	16.22	278	505160	41.166	ng	97
91) Benzo(g,h,i)perylene	16.57	276	556604	42.358	ng	99

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

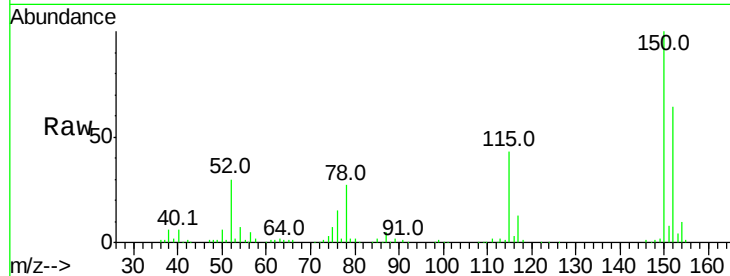


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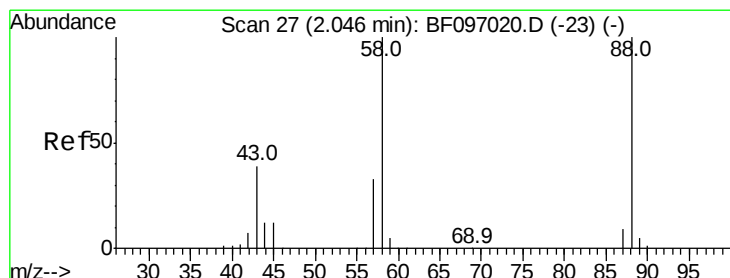
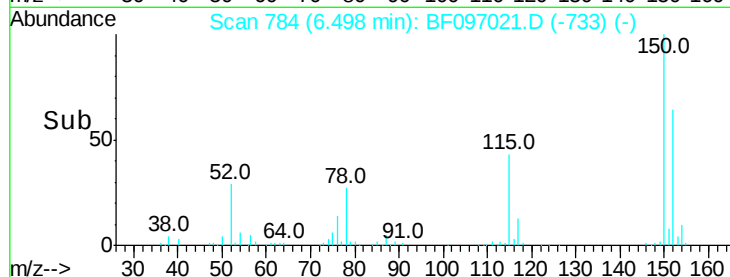
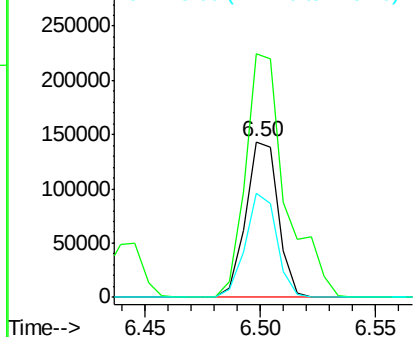
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 141444
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 66.9 52.2 78.2



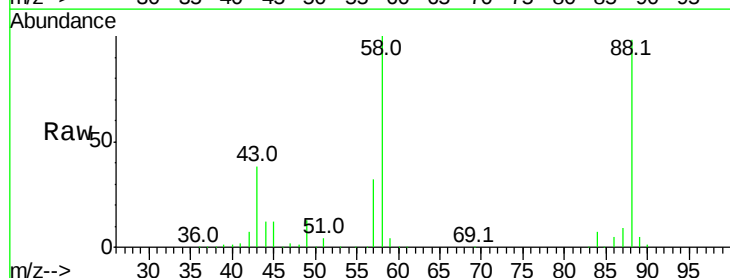
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



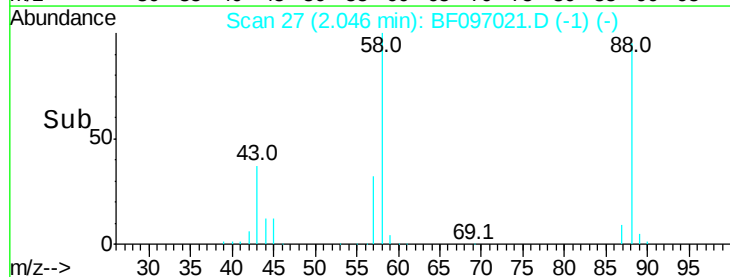
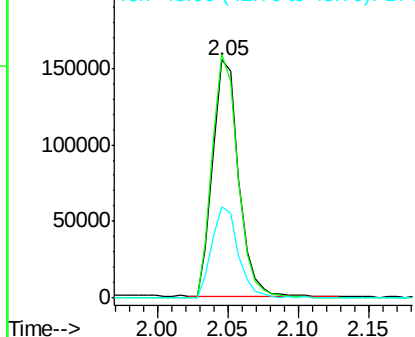
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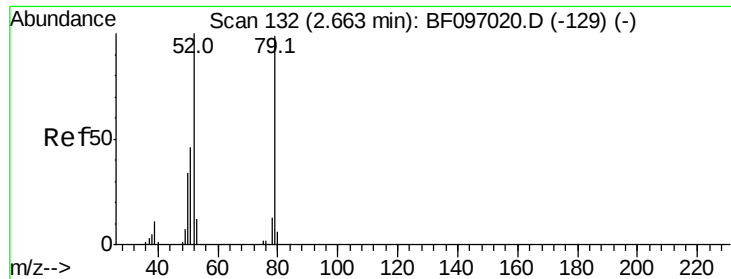
1,4-Dioxane
Concen: 41.065 ng
RT: 2.05 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion: 88 Resp: 198773
Ion Ratio Lower Upper
88 100
58 102.2 61.4 92.0#
43 39.7 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: 61.988 ng

RT: 2.66 min Scan# 132

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

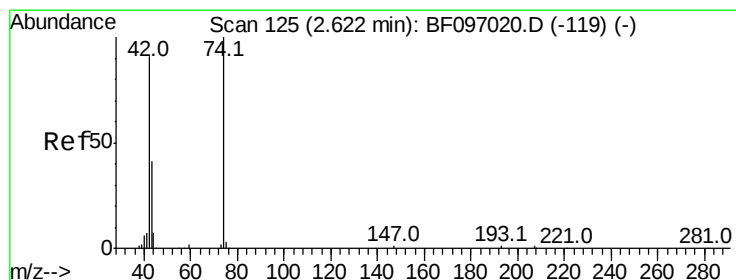
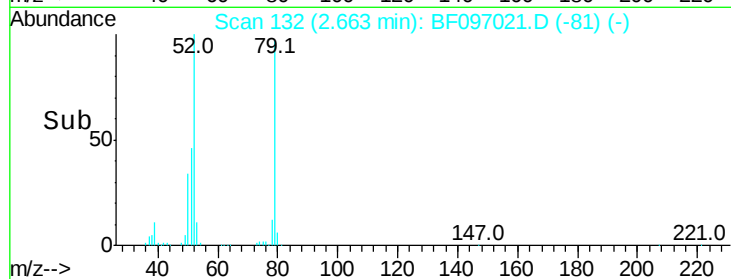
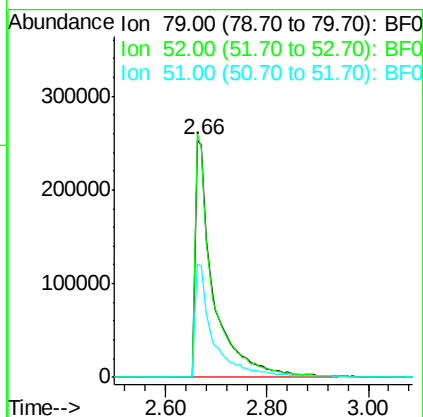
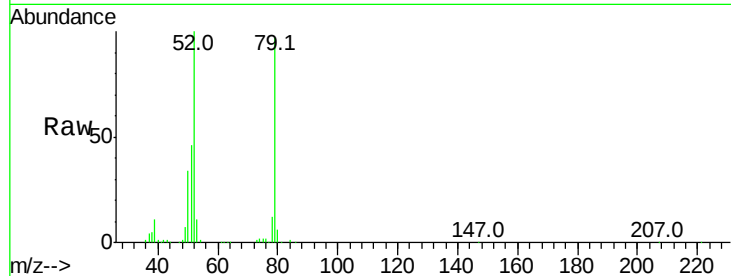
Tot Ion: 79 Resp: 630589

Ion Ratio Lower Upper

79 100

52 102.6 54.8 82.2#

51 47.4 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 59.085 ng

RT: 2.63 min Scan# 127

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

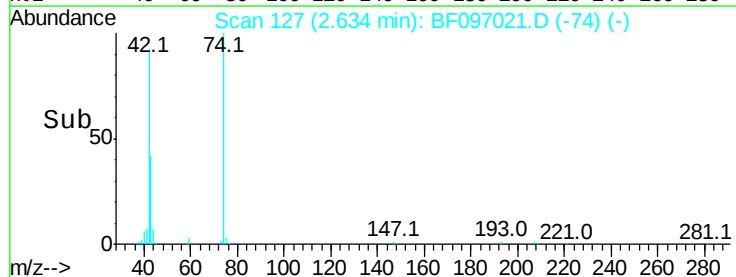
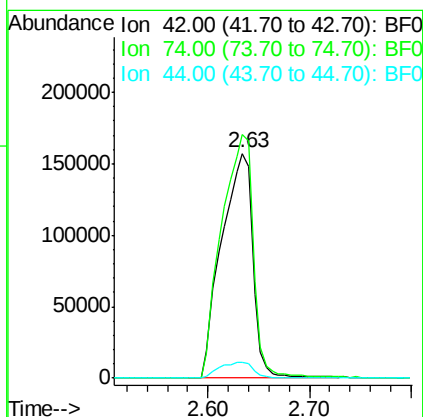
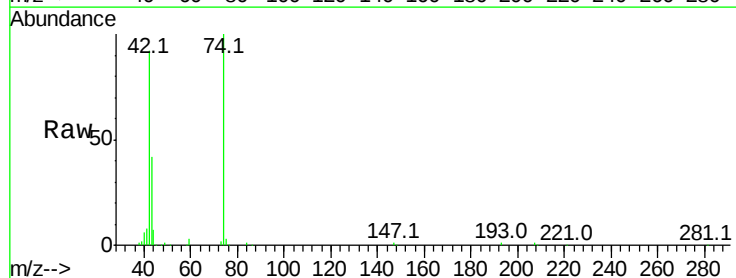
Tgt Ion: 42 Resp: 336126

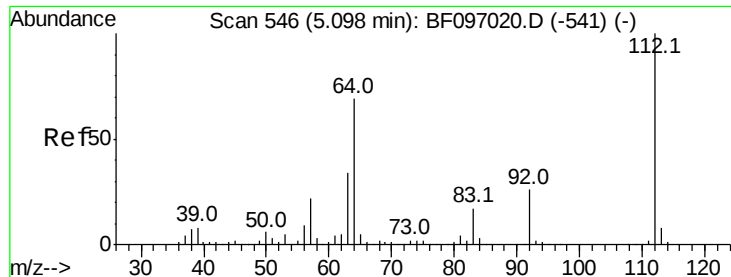
Ion Ratio Lower Upper

42 100

74 108.4 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 93.218 ng

RT: 5.10 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF097021.D

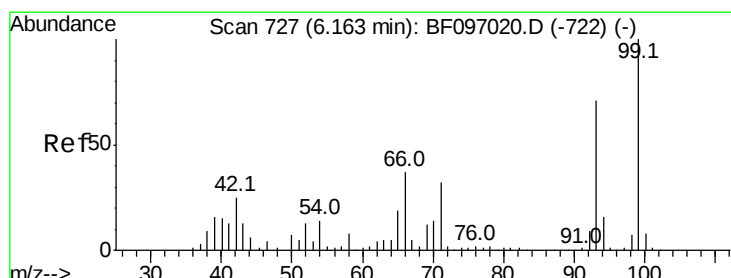
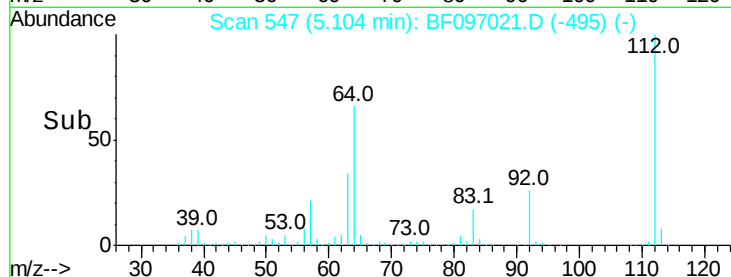
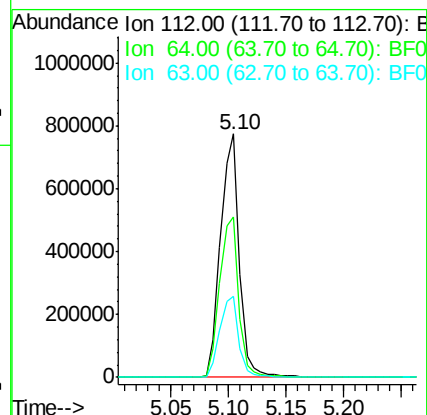
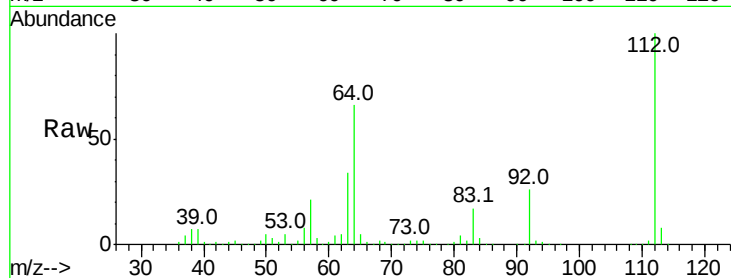
Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	876915
Ion	Ratio	Lower	Upper
112	100		
64	65.7	46.0	69.0
63	33.5	23.4	35.0



#6

Aniline

Concen: 45.299 ng

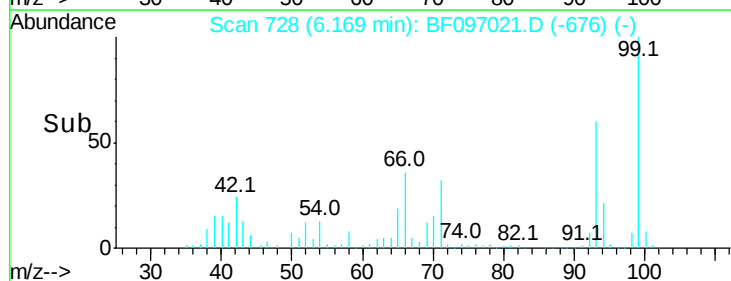
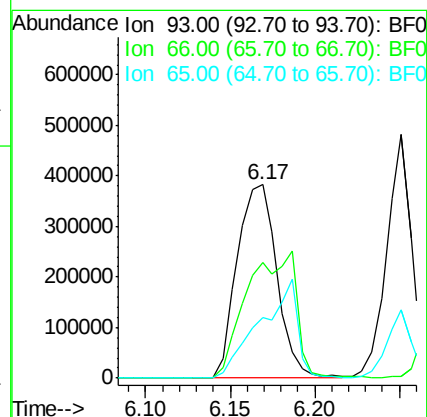
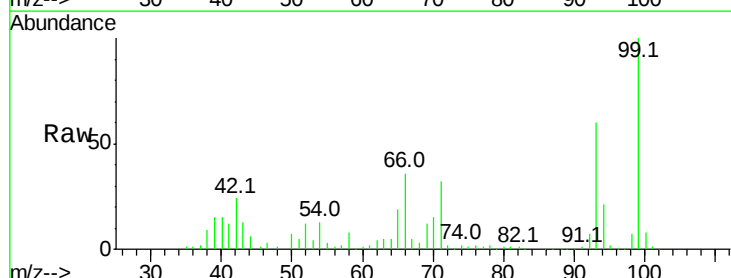
RT: 6.17 min Scan# 728

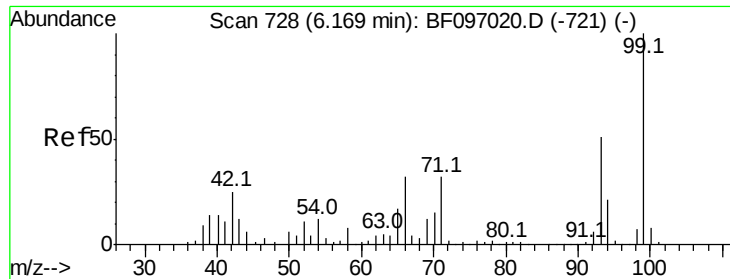
Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Tgt Ion:	93	Resp:	629901
Ion	Ratio	Lower	Upper
93	100		
66	60.2	32.9	49.3#
65	31.2	16.0	24.0#





#7

Phenol-d6

Concen: 88.289 ng

RT: 6.17 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampled :

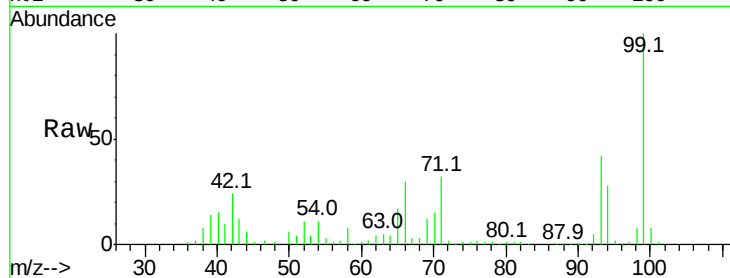
Tot Ion: 99 Resp: 996681

Ion Ratio Lower Upper

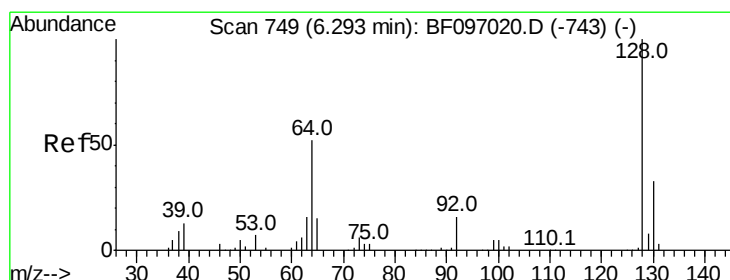
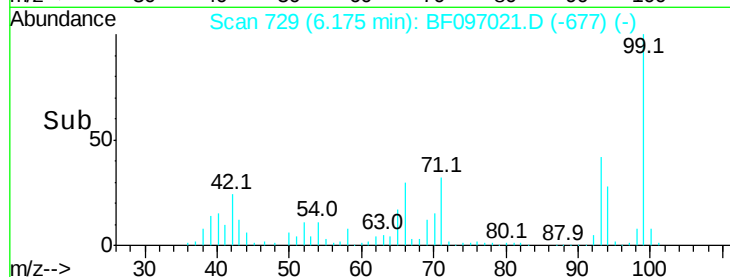
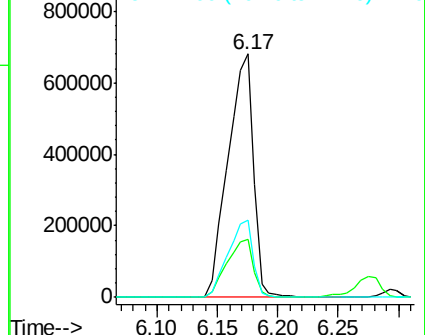
99 100

42 24.0 13.5 20.3#

71 31.7 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: 46.333 ng

RT: 6.29 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

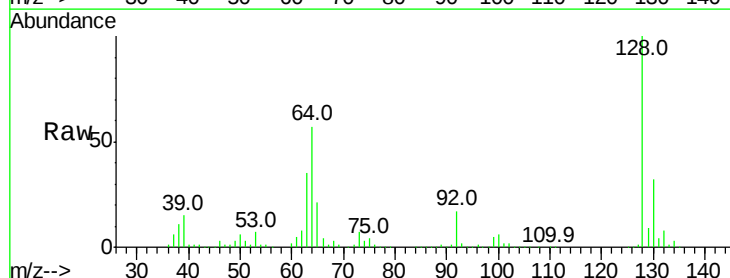
Tgt Ion: 128 Resp: 470214

Ion Ratio Lower Upper

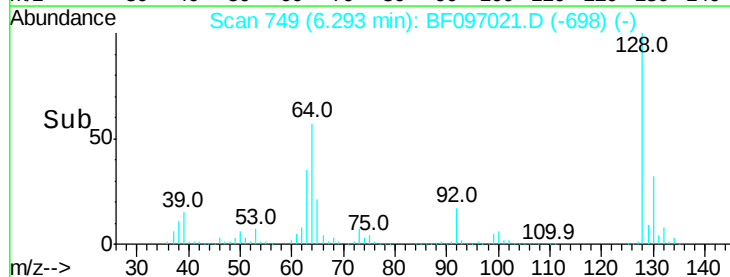
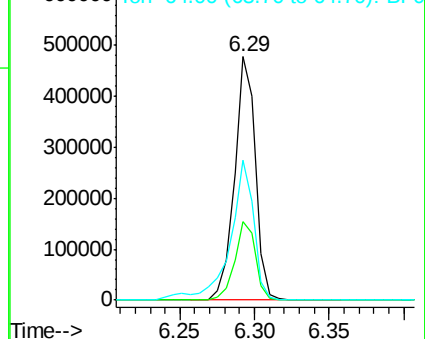
128 100

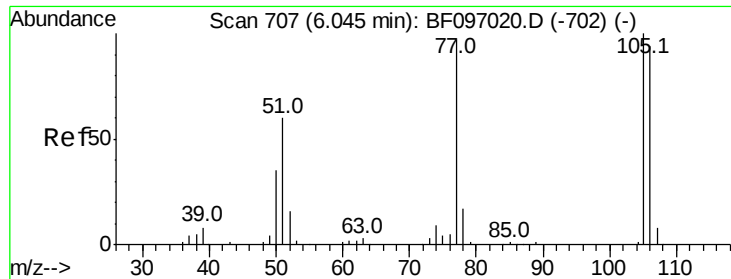
130 32.3 12.9 52.9

64 57.2 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

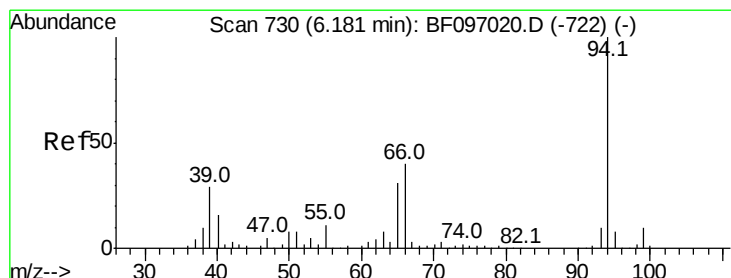
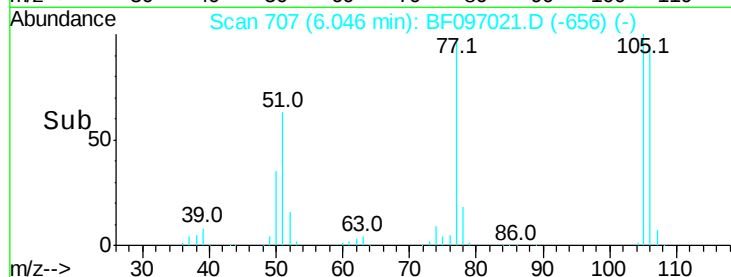
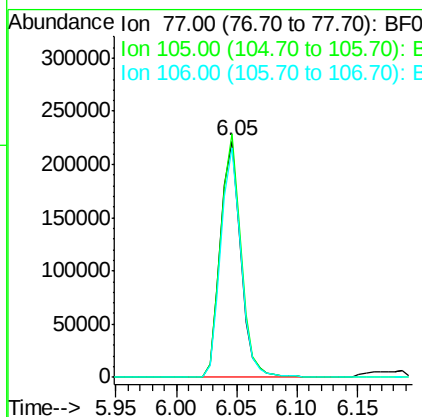
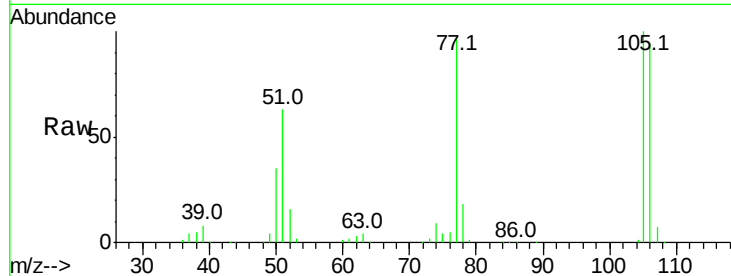




#9
Benzaldehyde
Concen: 39.672 ng
RT: 6.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

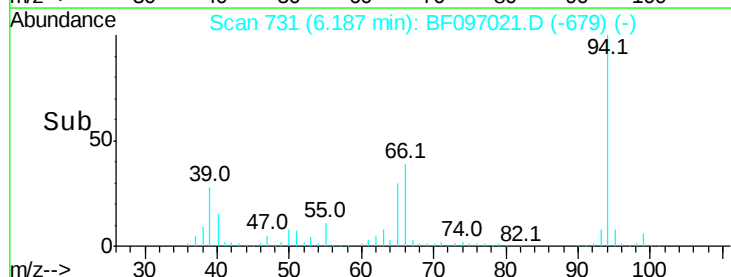
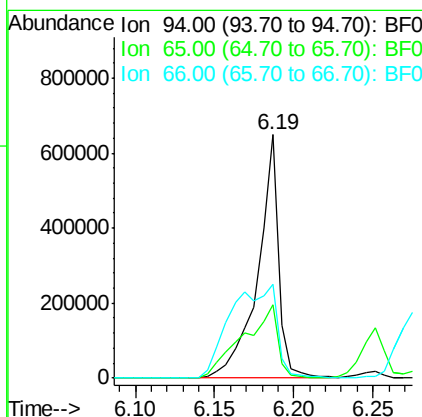
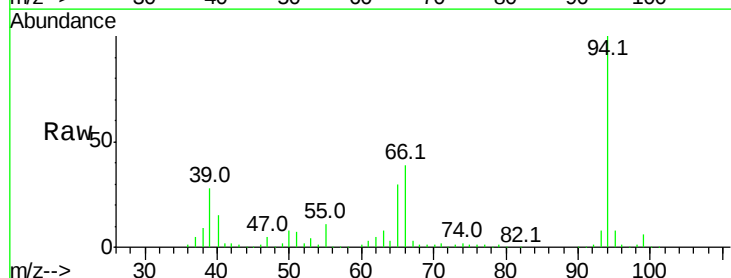
Instrument :
BNA_F
ClientSampleId :

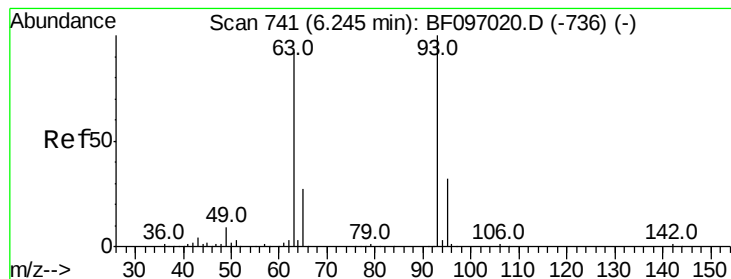
Tot Ion: 77 Resp: 258852
Ion Ratio Lower Upper
77 100
105 103.1 83.8 123.8
106 97.0 79.1 119.1



#10
Phenol
Concen: 47.222 ng
RT: 6.19 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion: 94 Resp: 602621
Ion Ratio Lower Upper
94 100
65 30.2 9.9 49.9
66 38.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 50.060 ng

RT: 6.25 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

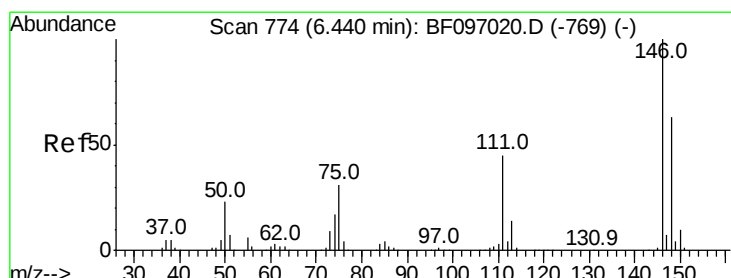
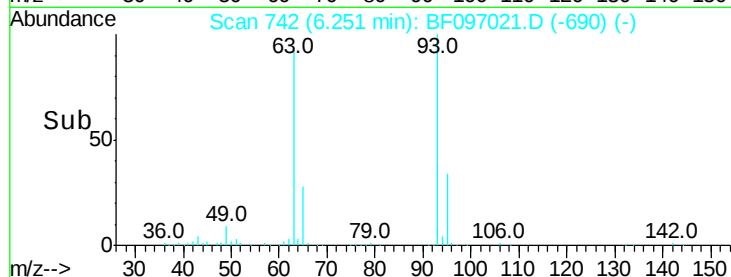
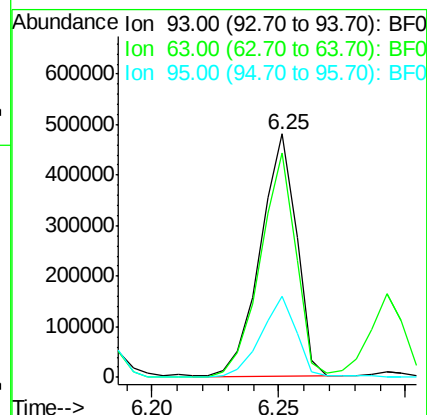
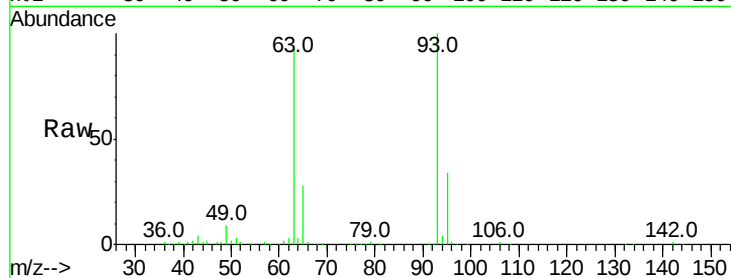
Tot Ion: 93 Resp: 480407

Ion Ratio Lower Upper

93 100

63 92.3 59.2 99.2

95 33.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 48.711 ng

RT: 6.44 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

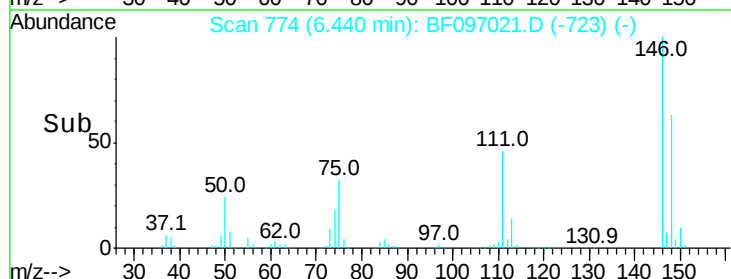
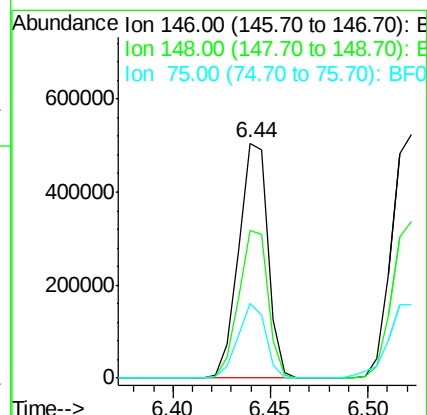
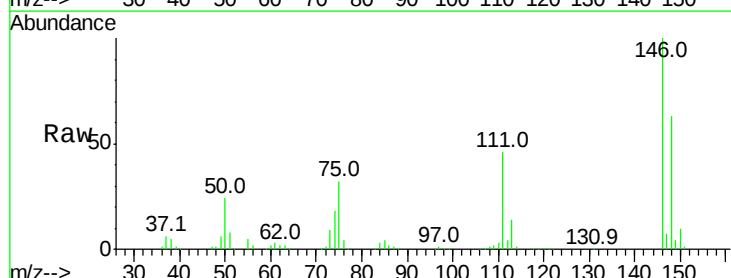
Tgt Ion: 146 Resp: 525468

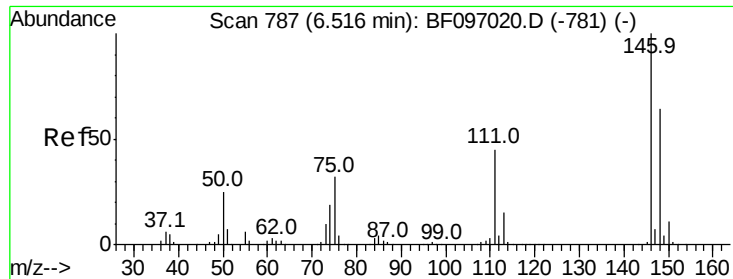
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

75 31.7 23.1 34.7

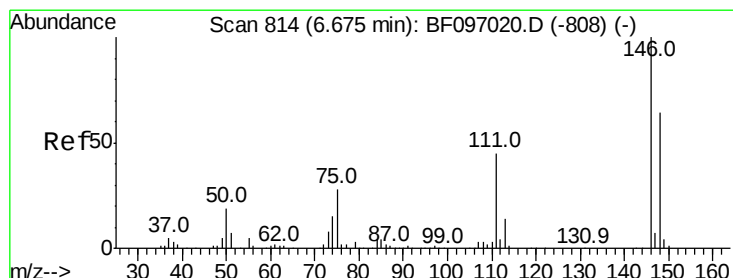
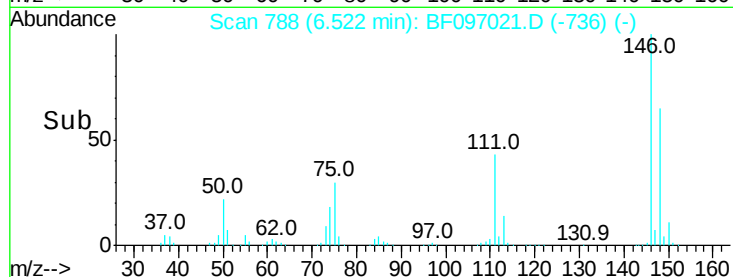
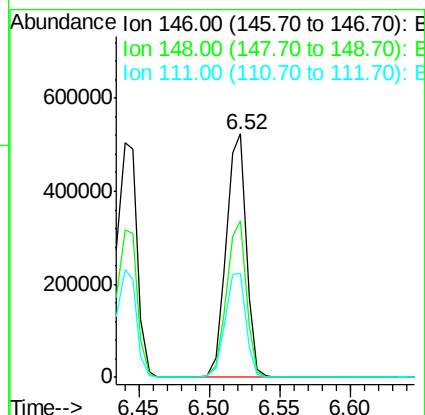
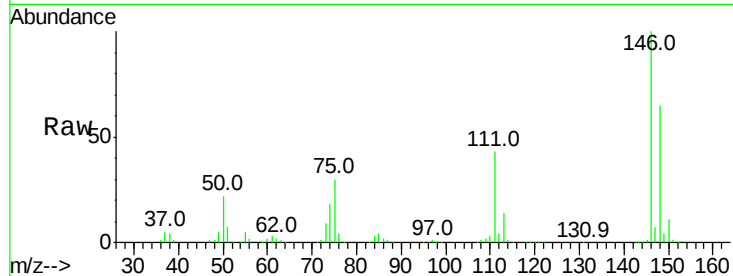




#13
 1,4-Dichlorobenzene
 Concen: 47.523 ng
 RT: 6.52 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

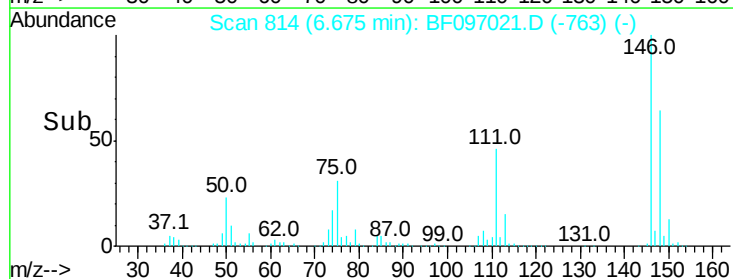
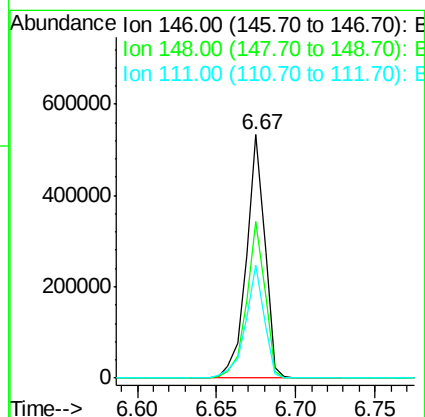
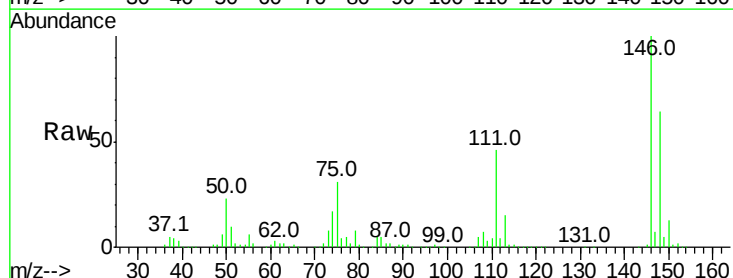
Instrument :
 BNA_F
 ClientSampled :

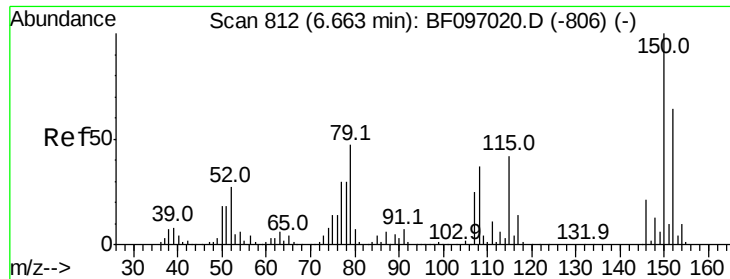
Tot Ion:146 Resp: 519168
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.025 ng
 RT: 6.67 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:146 Resp: 427520
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 46.3 38.2 57.4

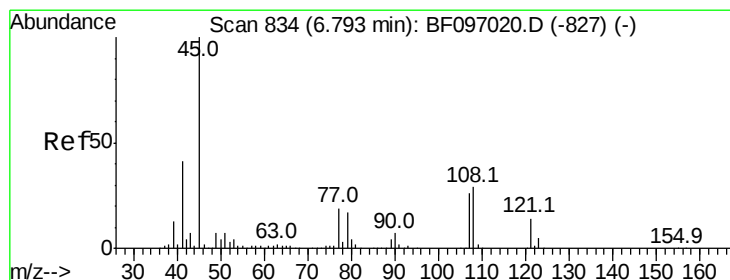
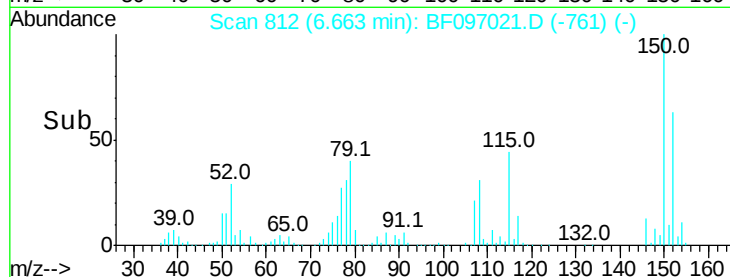
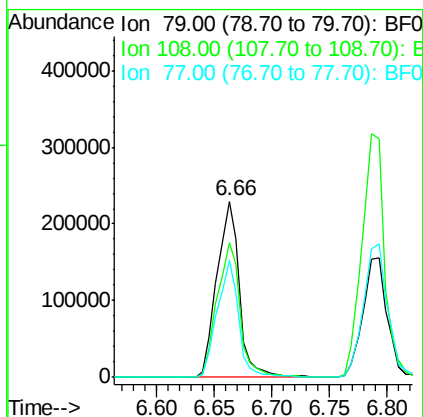
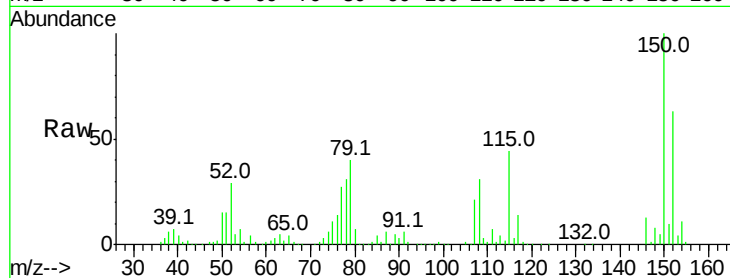




#15
Benzyl Alcohol
Concen: 42.003 ng
RT: 6.66 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

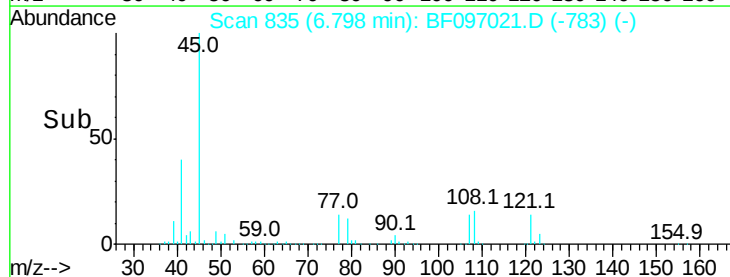
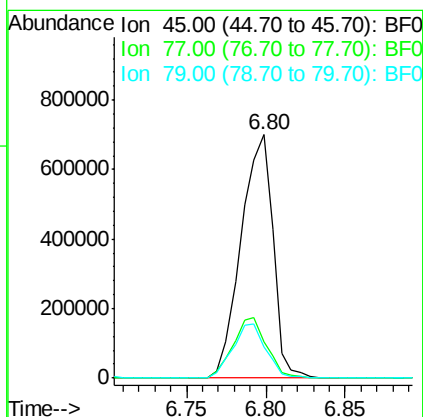
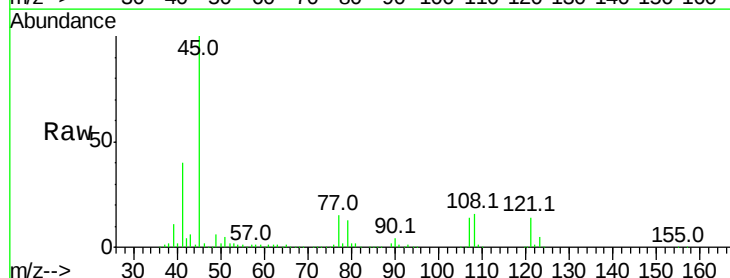
Instrument :
BNA_F
ClientSampleId :

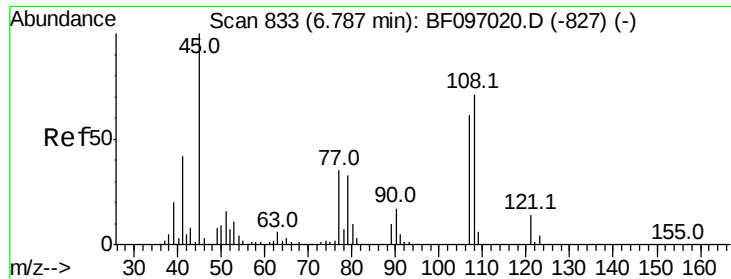
Tot Ion: 79 Resp: 310435
Ion Ratio Lower Upper
79 100
108 76.7 63.4 95.0
77 66.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.384 ng
RT: 6.80 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion: 45 Resp: 978045
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.2
79 12.5 0.0 30.0

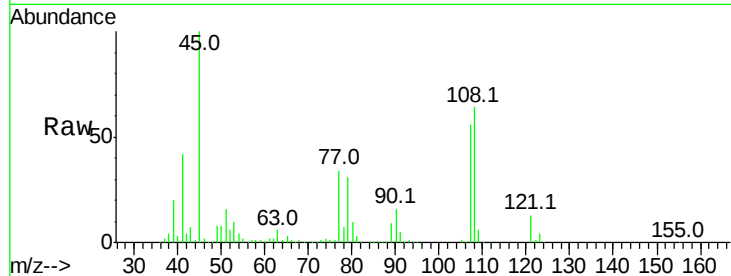




#17
2-Methylphenol
Concen: 46.969 ng
RT: 6.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.4	140.0
77	60.5	35.8	53.6#
79	55.6	34.8	52.2#



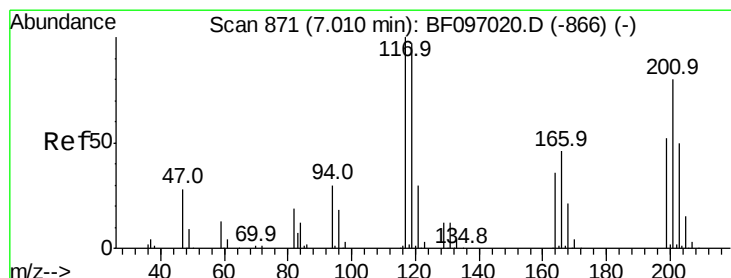
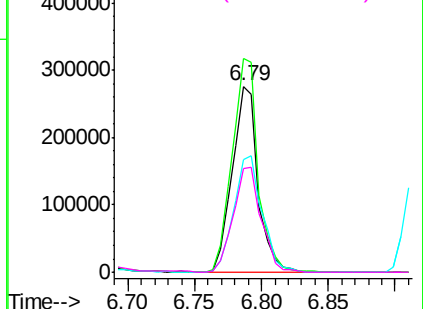
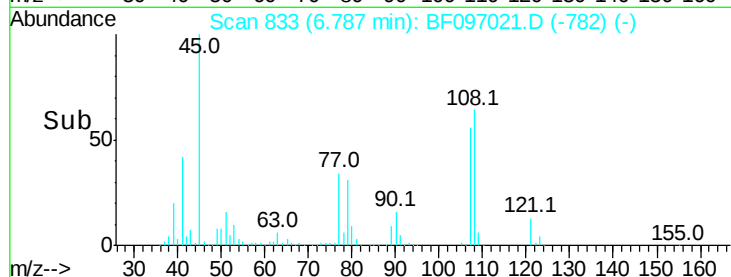
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

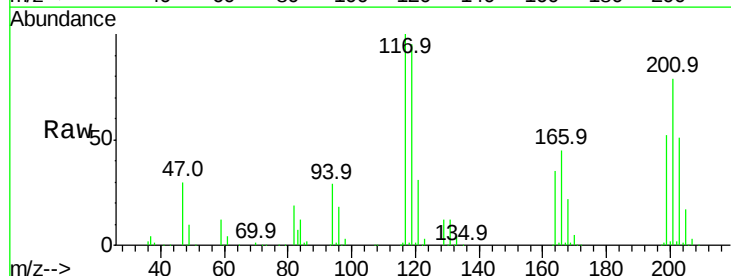
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 49.088 ng
RT: 7.01 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	78.6	94.6	141.8#

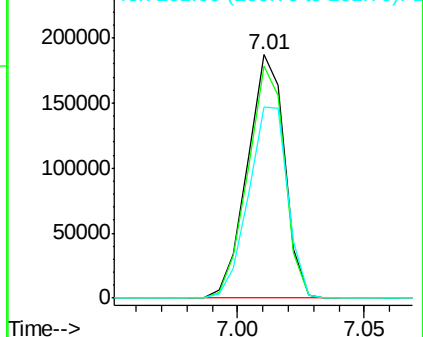
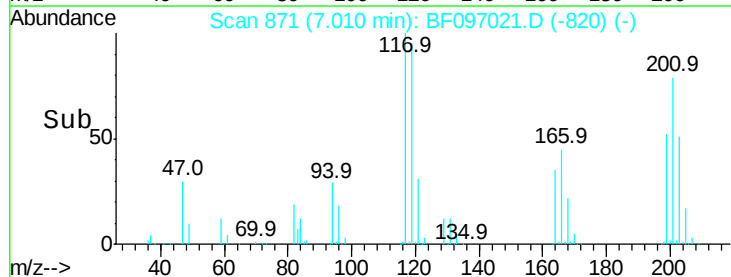


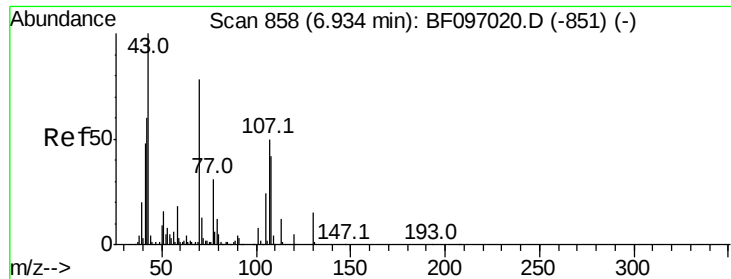
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

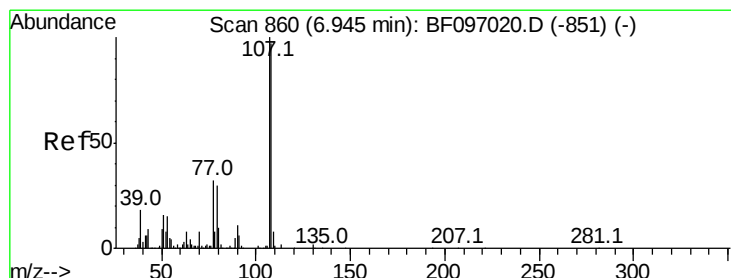
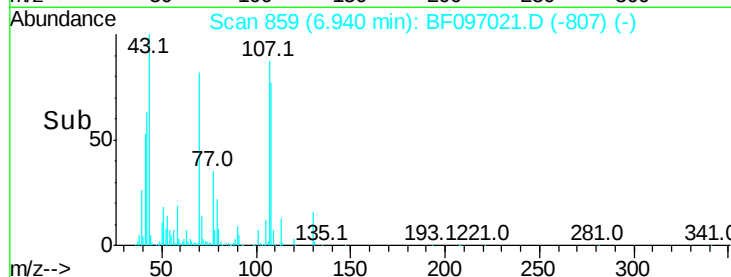
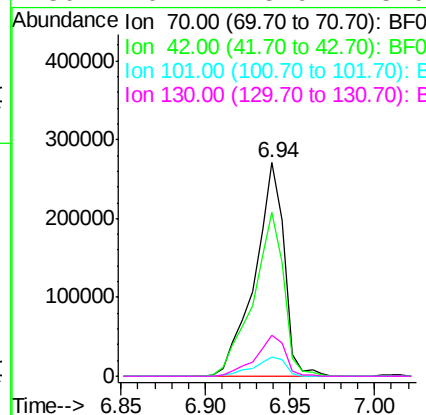
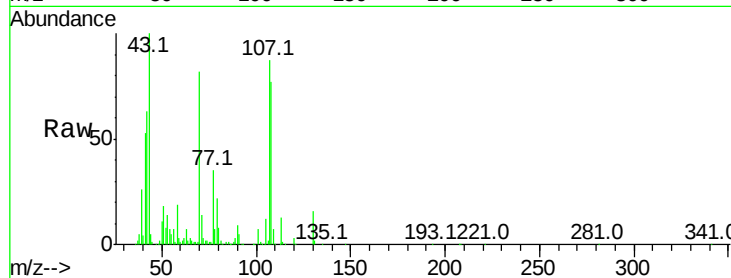




#19
n-Nitroso-di-n-propylamine
Concen: 48.445 ng
RT: 6.94 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

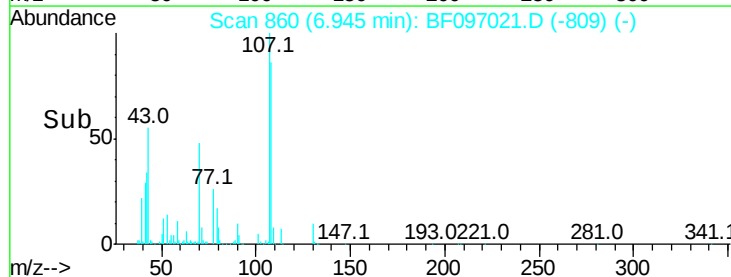
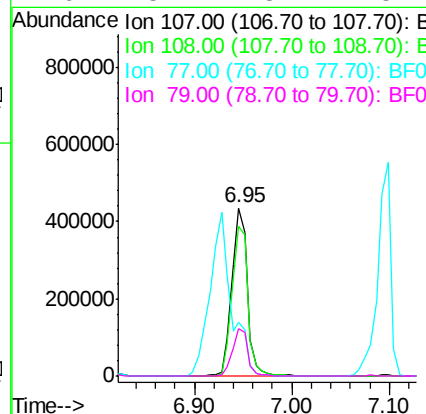
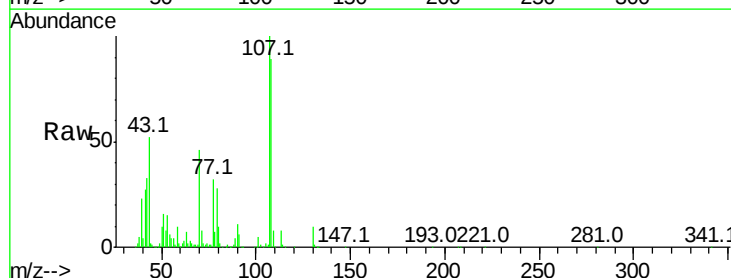
Instrument :
BNA_F
ClientSampleId :

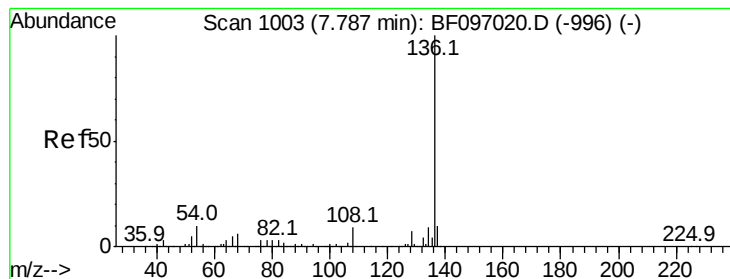
Tot Ion	Ratio	Lower	Upper
70	100		
42	76.7	47.2	70.8#
101	8.8	7.2	10.8
130	19.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.331 ng
RT: 6.95 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	32.1	90.5	130.5#
79	28.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.79 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 589479

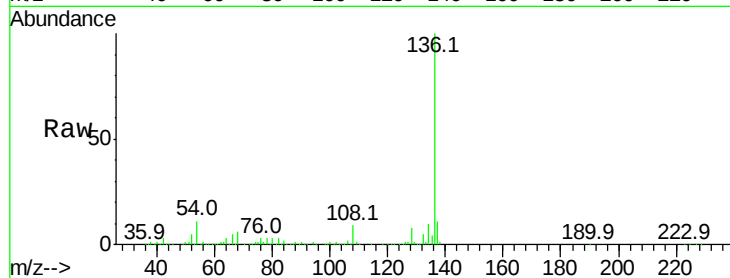
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.7 4.9 7.3#

68 5.8 4.1 6.1

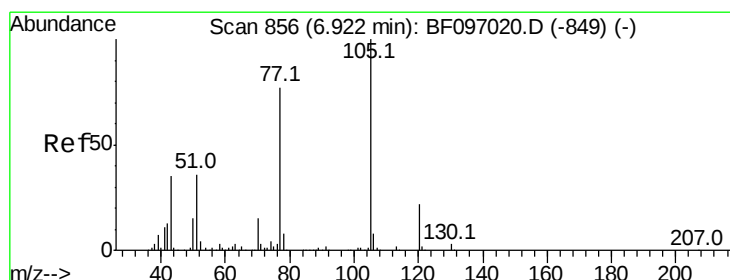
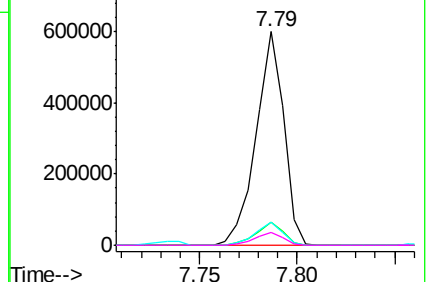
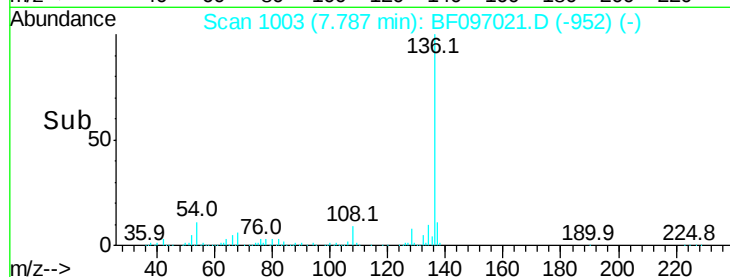


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.065 ng

RT: 6.93 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Tgt Ion:105 Resp: 672788

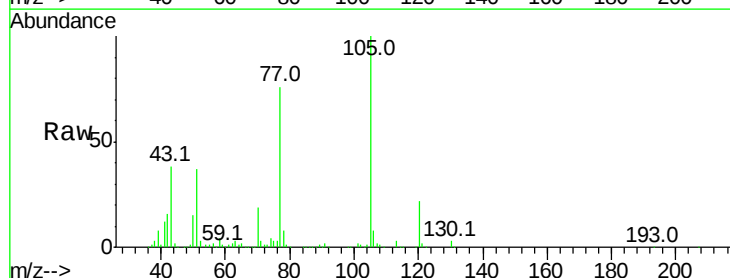
Ion Ratio Lower Upper

105 100

71 3.2 2.8 4.2

51 36.6 30.7 46.1

120 21.6 17.4 26.0

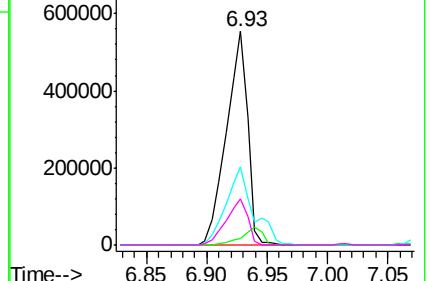
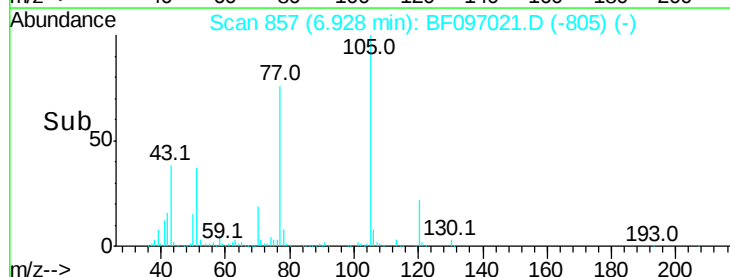


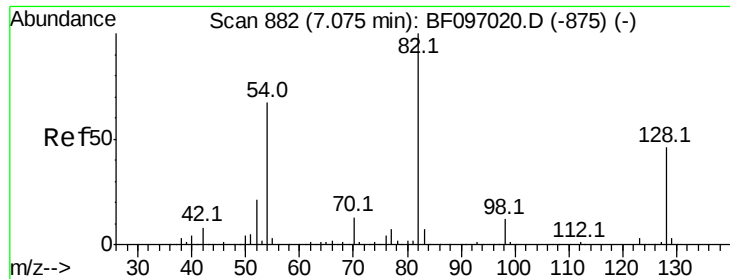
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

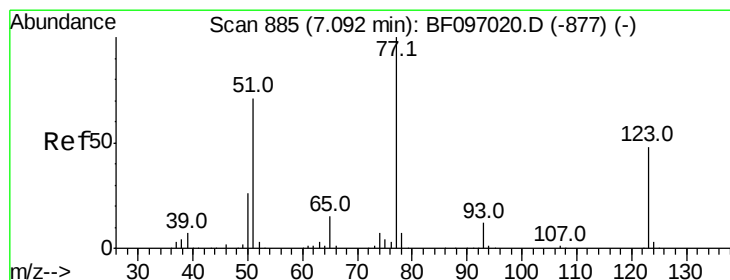
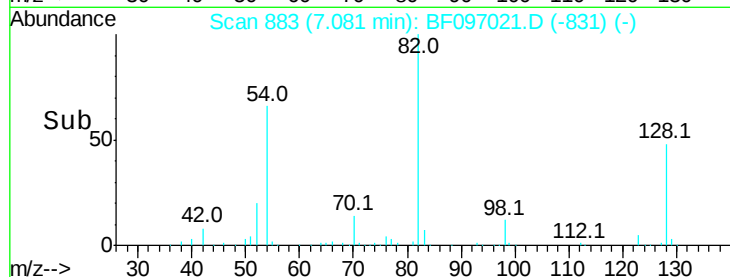
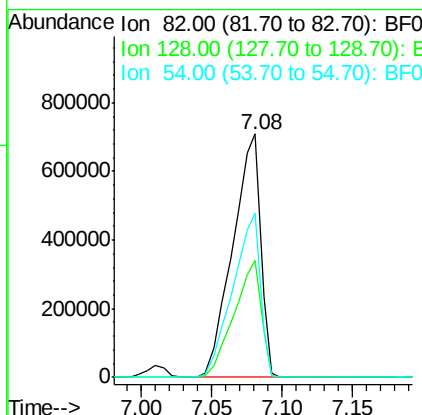
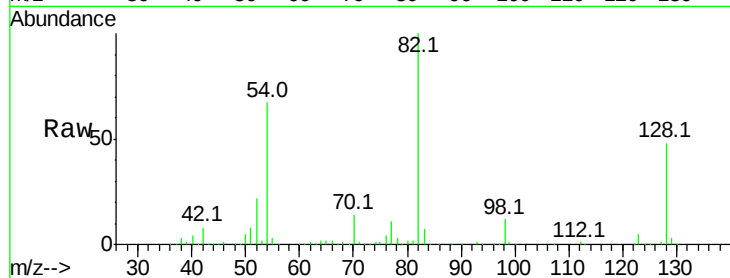




#23
 Nitrobenzene-d5
 Concen: 102.452 ng
 RT: 7.08 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

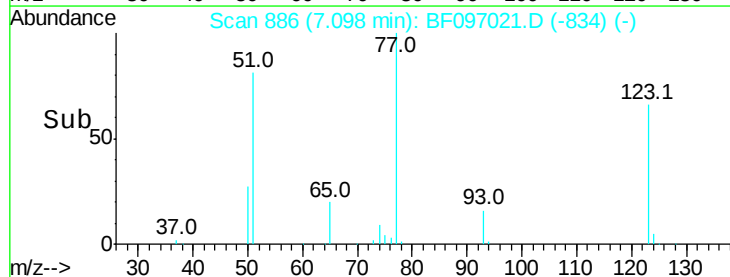
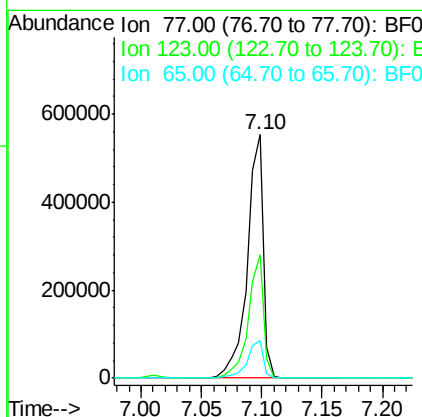
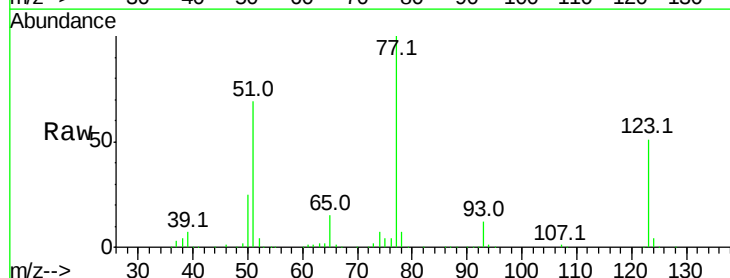
Instrument :
 BNA_F
 ClientSampleId :

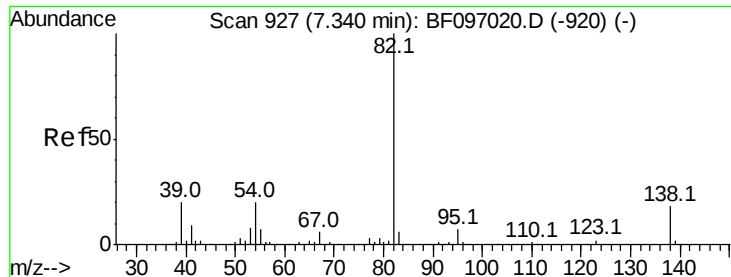
Tot Ion: 82 Resp: 975018
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 67.4 42.2 63.2#



#24
 Nitrobenzene
 Concen: 51.986 ng
 RT: 7.10 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion: 77 Resp: 511673
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 15.4 10.6 15.8





#25

Isophorone

Concen: 53.817 ng

RT: 7.34 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

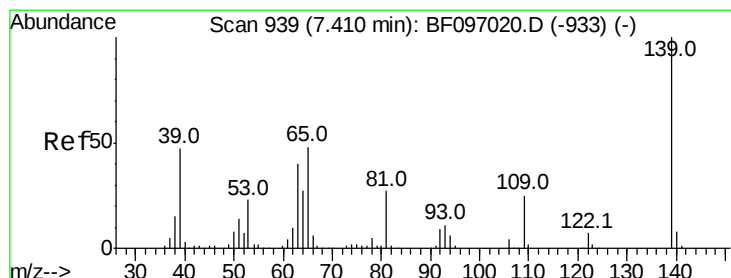
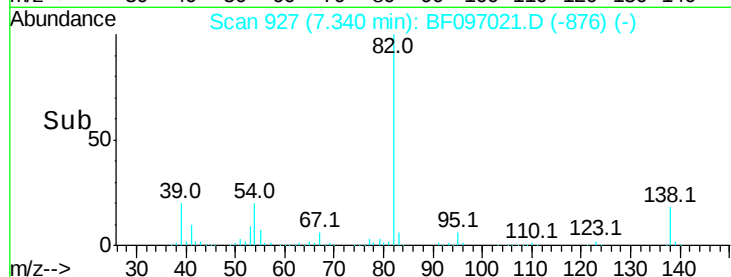
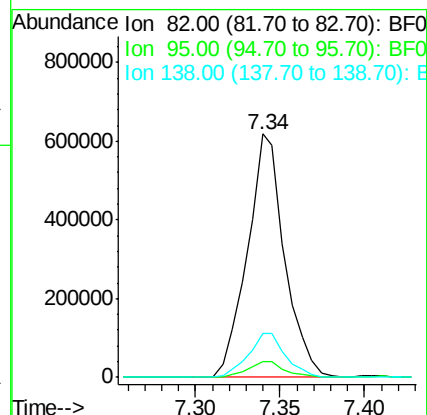
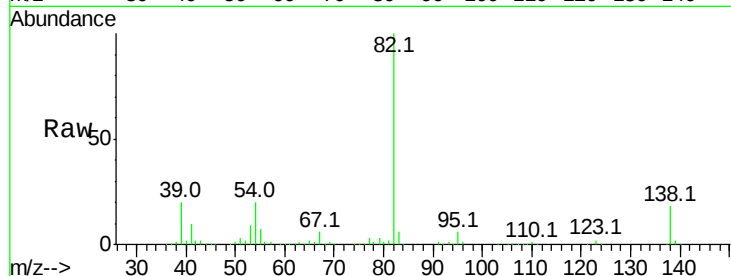
Tot Ion: 82 Resp: 952774

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 51.855 ng

RT: 7.41 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

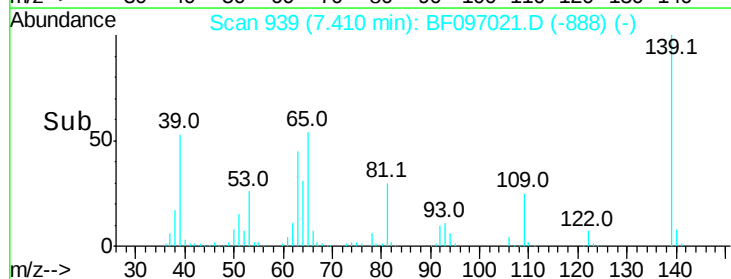
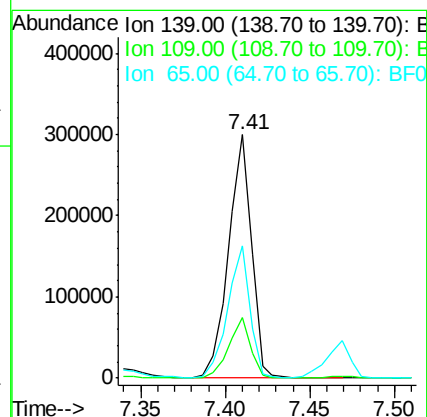
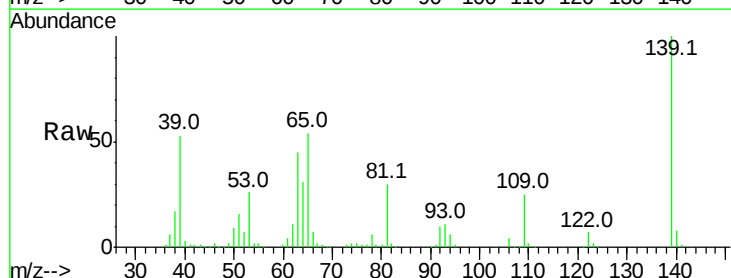
Tgt Ion: 139 Resp: 283797

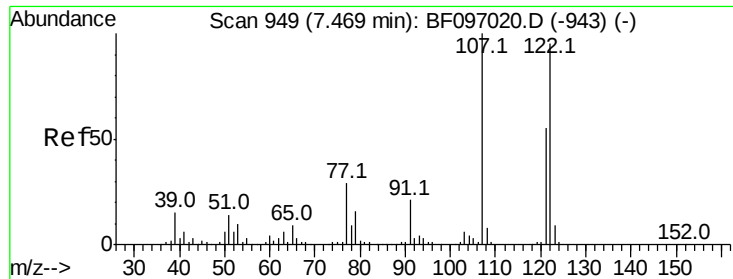
Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 54.4 33.0 49.6#

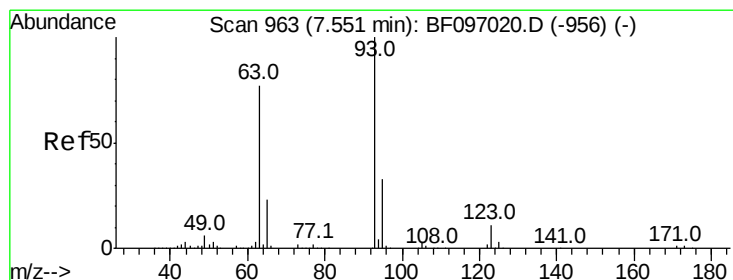
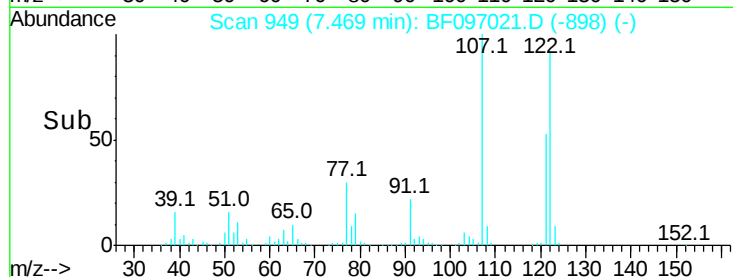
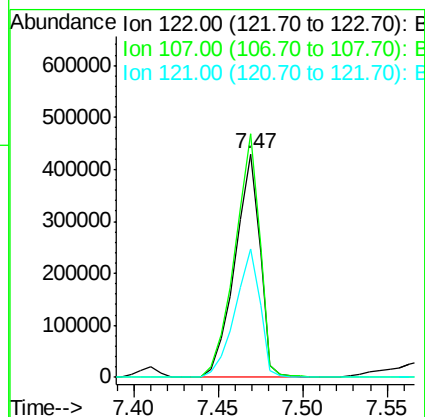
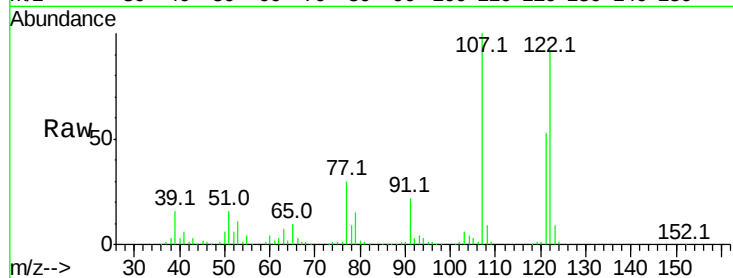




#27
2,4-Dimethylphenol
Concen: 49.373 ng
RT: 7.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

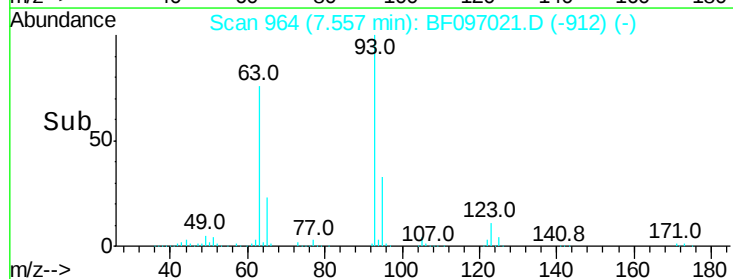
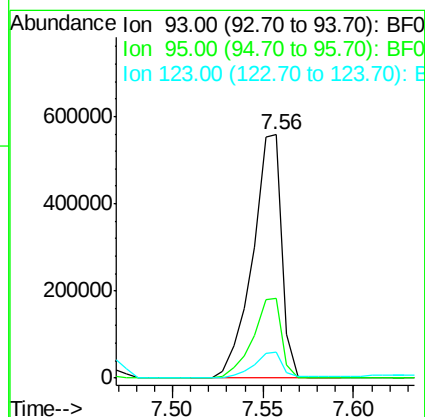
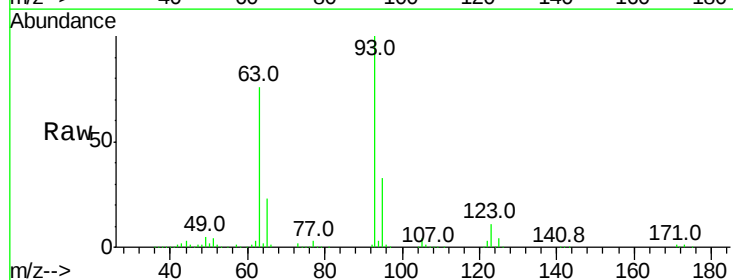
Instrument :
BNA_F
ClientSampleId :

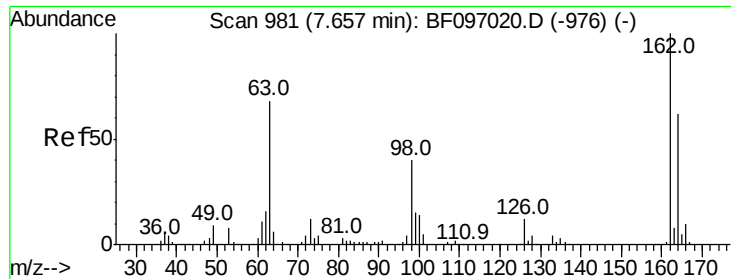
Tot Ion:122 Resp: 444540
Ion Ratio Lower Upper
122 100
107 108.9 89.2 133.8
121 57.3 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 52.187 ng
RT: 7.56 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion: 93 Resp: 624318
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.9 9.0 13.4

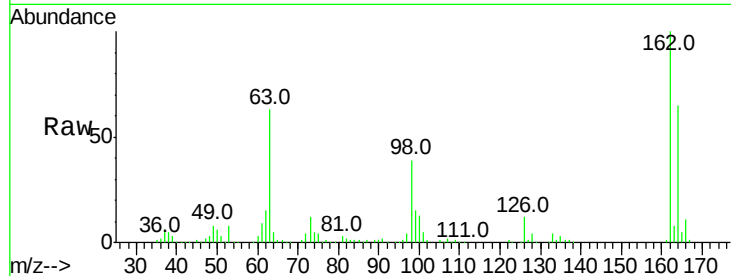




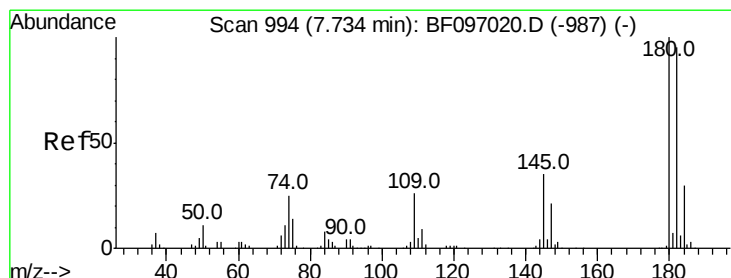
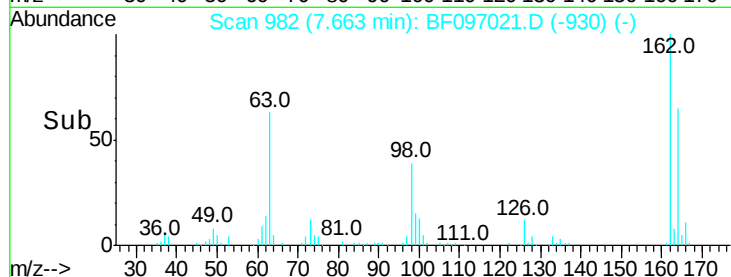
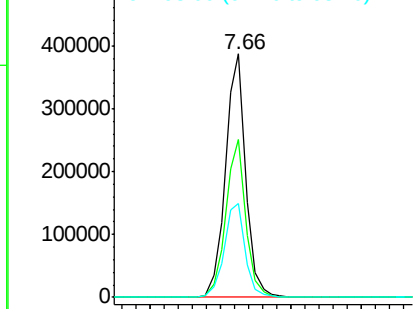
#29
 2,4-Dichlorophenol
 Concen: 47.111 ng
 RT: 7.66 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	38.6	14.8	54.8

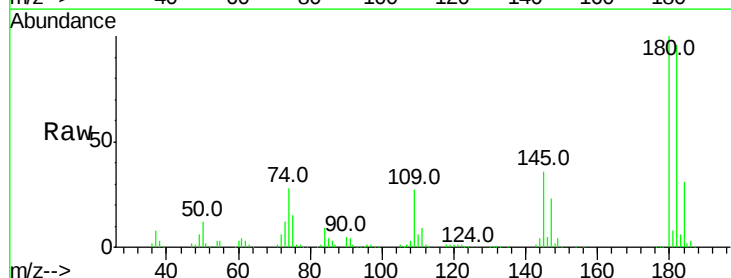


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

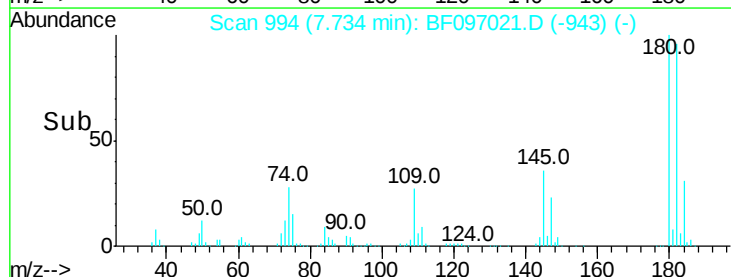
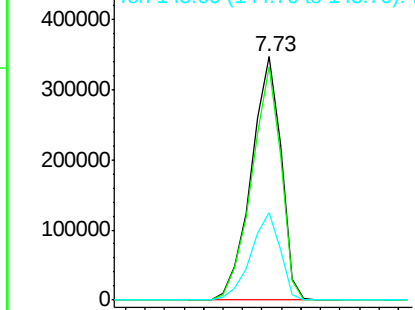


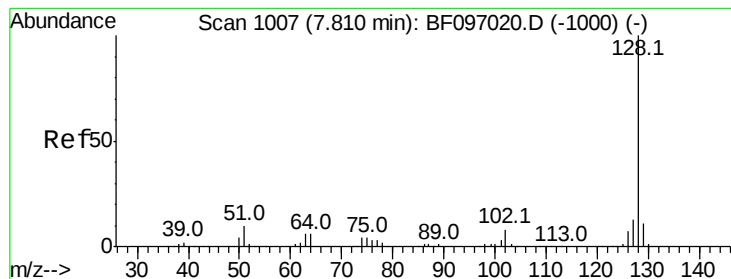
#30
 1,2,4-Trichlorobenzene
 Concen: 47.303 ng
 RT: 7.73 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	35.9	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: 46.813 ng

RT: 7.81 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

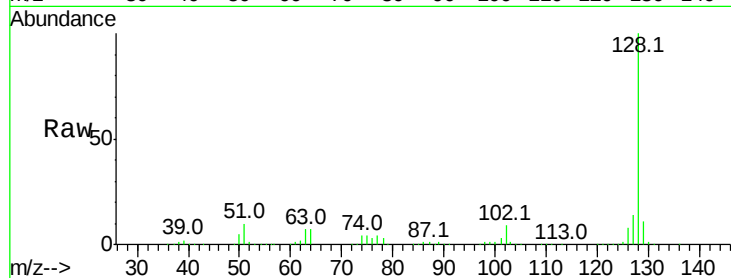
Tot Ion:128 Resp: 1307259

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

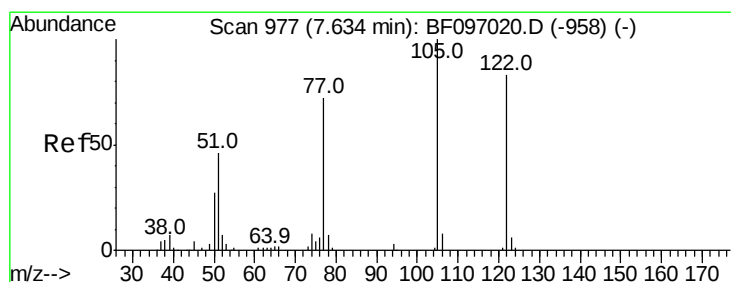
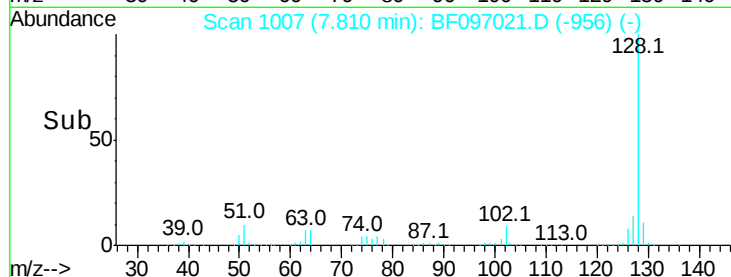
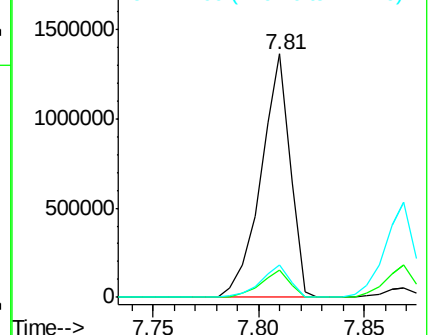
127 13.6 10.8 16.2



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: 65.257 ng

RT: 7.65 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

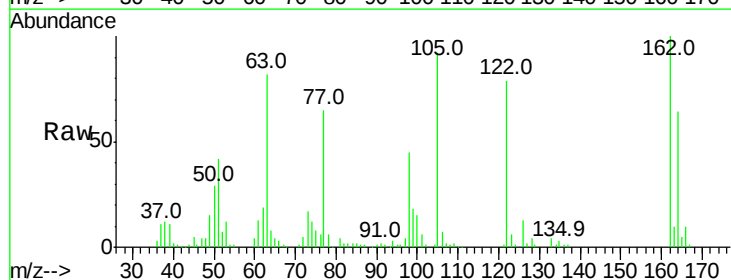
Tgt Ion:122 Resp: 375529

Ion Ratio Lower Upper

122 100

105 117.2 103.3 143.3

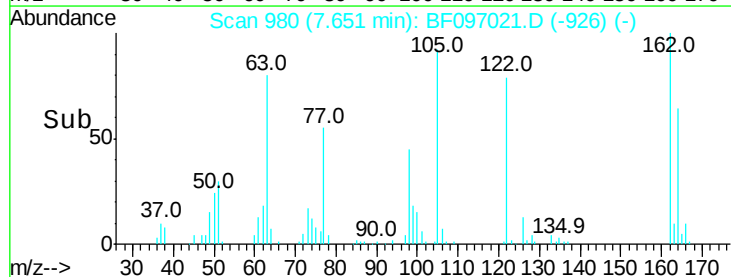
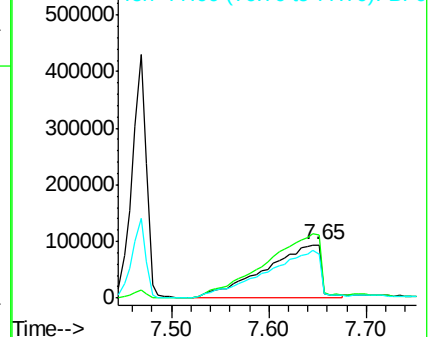
77 82.9 73.7 113.7

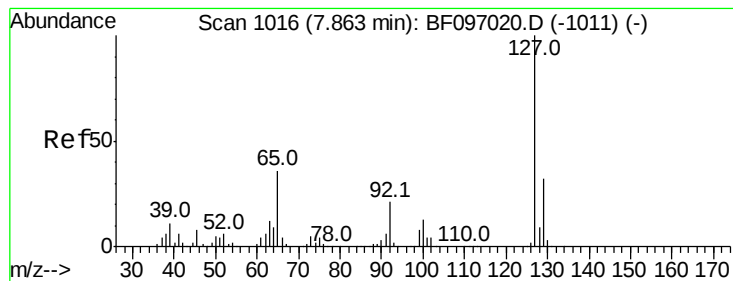


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 48.490 ng

RT: 7.87 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 536485

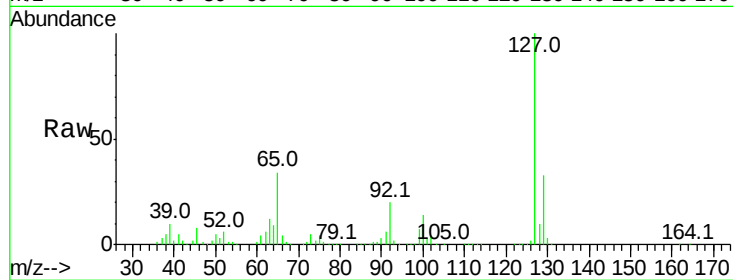
Ion Ratio Lower Upper

127 100

129 33.3 26.2 39.2

65 33.6 27.8 41.8

92 19.8 16.8 25.2

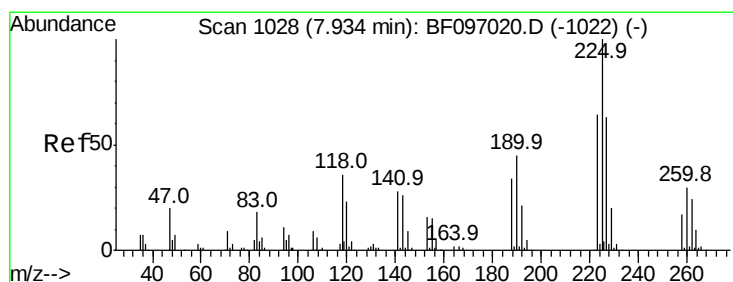
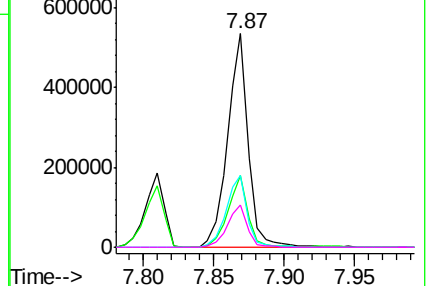
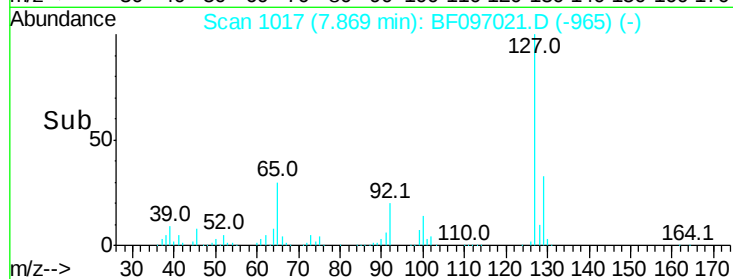


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 48.671 ng

RT: 7.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

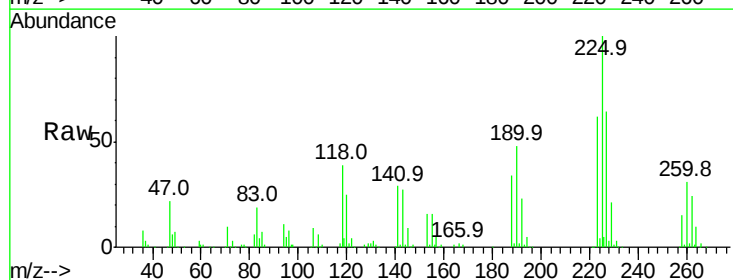
Tgt Ion:225 Resp: 201335

Ion Ratio Lower Upper

225 100

223 62.3 48.8 73.2

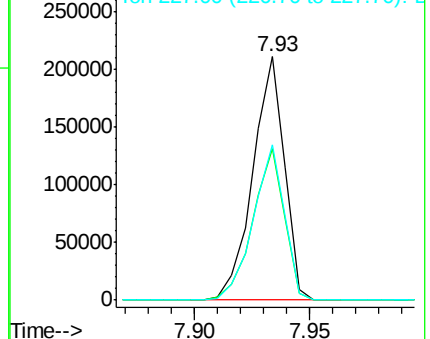
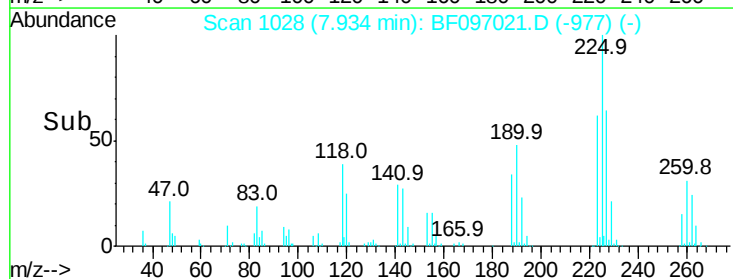
227 63.6 51.1 76.7

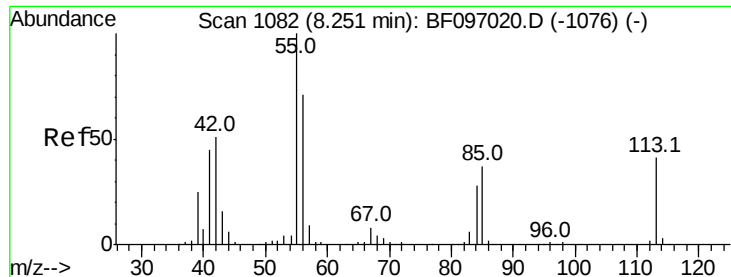


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.405 ng

RT: 8.26 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

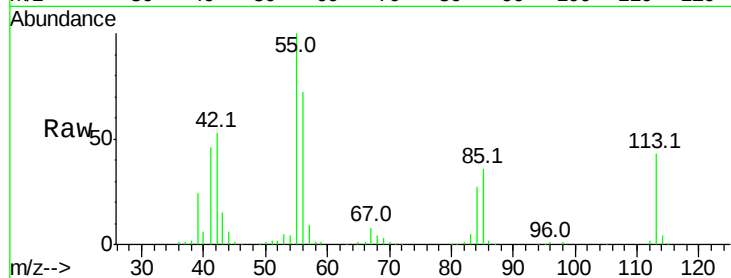
Tot Ion:113 Resp: 131628

Ion Ratio Lower Upper

113 100

55 235.0 150.2 190.2#

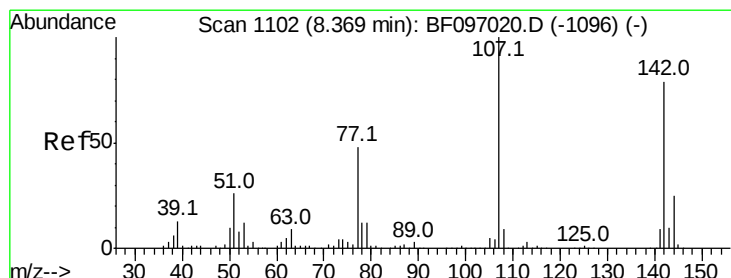
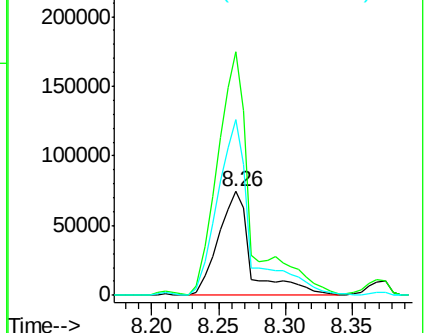
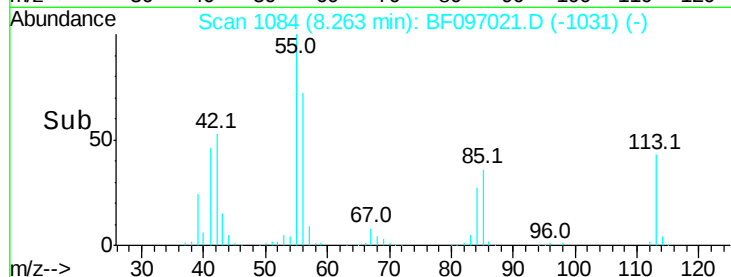
56 169.1 107.8 147.8#



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: 49.758 ng

RT: 8.37 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

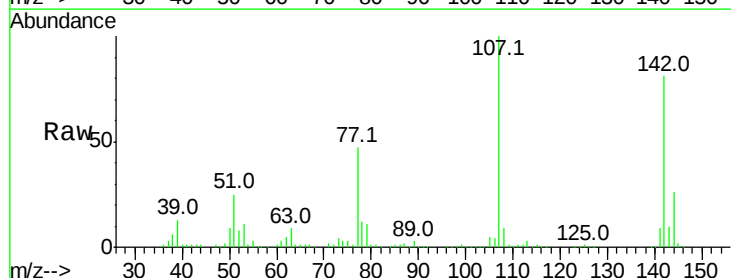
Tgt Ion:107 Resp: 436043

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

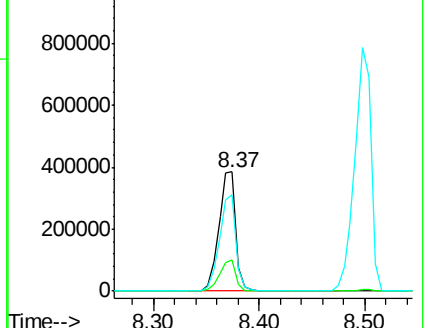
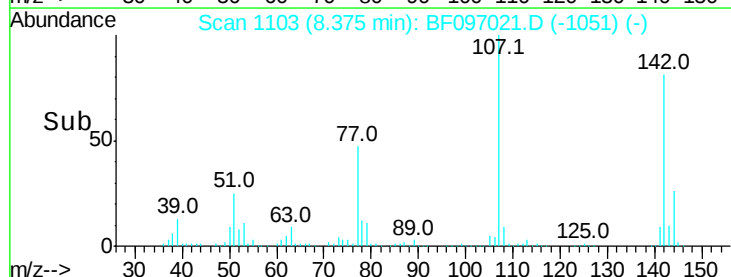
142 81.1 73.4 110.0

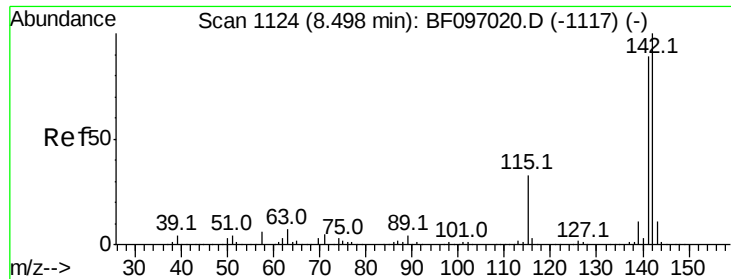


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

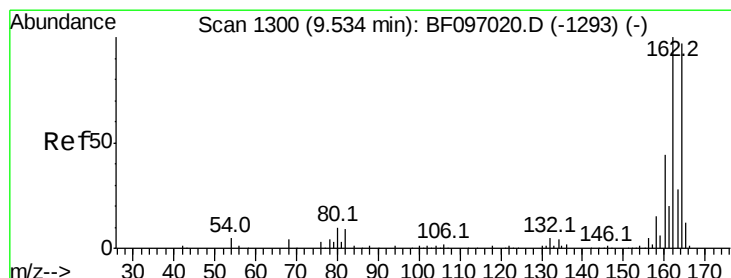
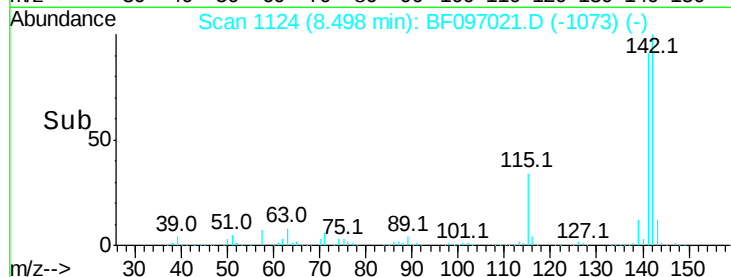
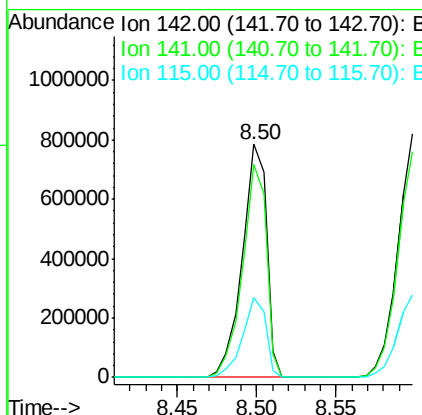
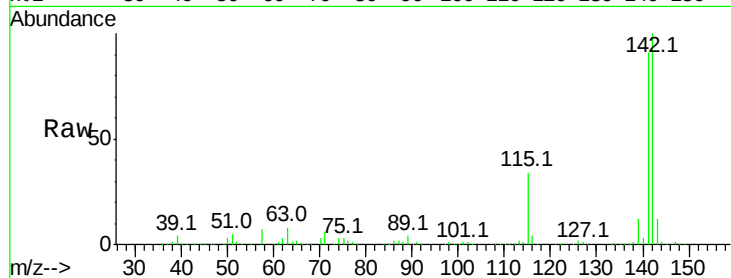




#37
 2-Methylnaphthalene
 Concen: 46.855 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

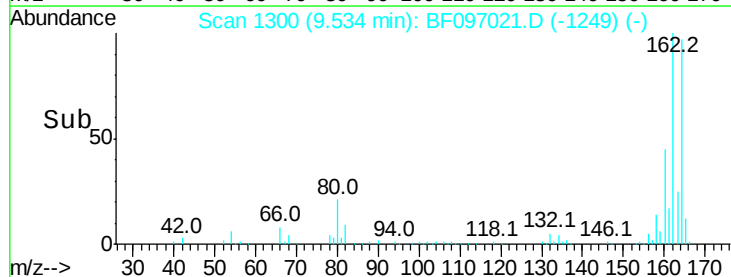
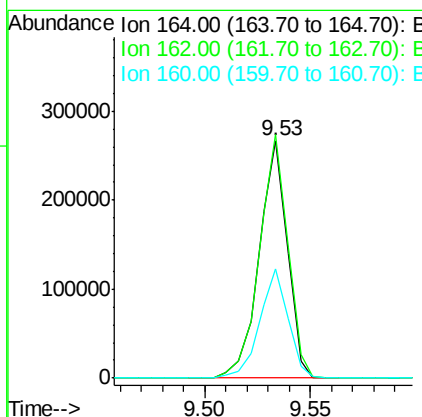
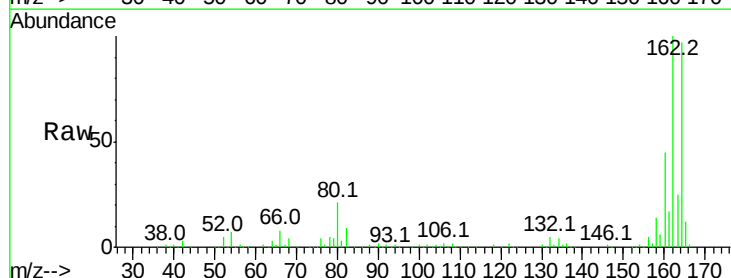
Instrument :
 BNA_F
 ClientSampleId :

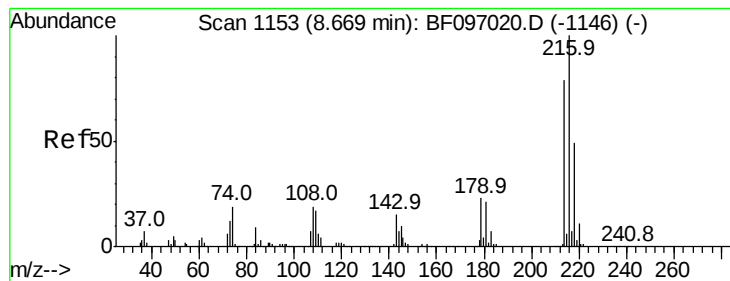
Tot Ion:142 Resp: 834167
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.3 106.9
 115 34.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:164 Resp: 248178
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.9 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.149 ng

RT: 8.67 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 323025

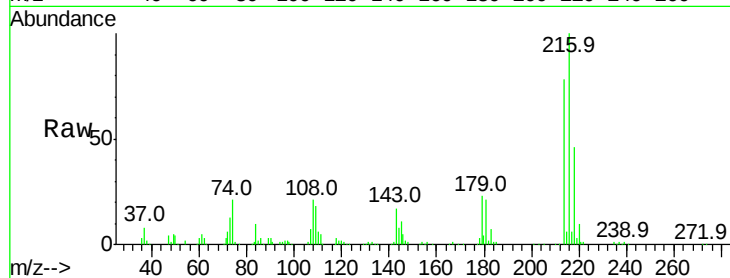
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.7 17.9 26.9

108 21.6 16.5 24.7

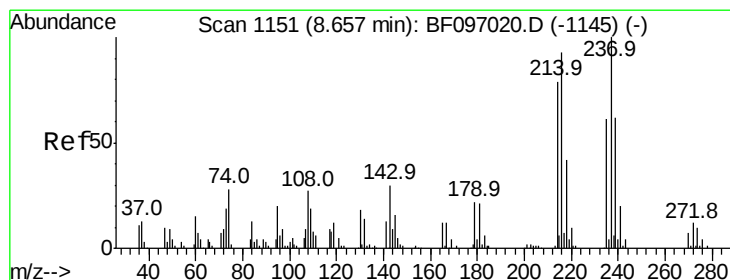
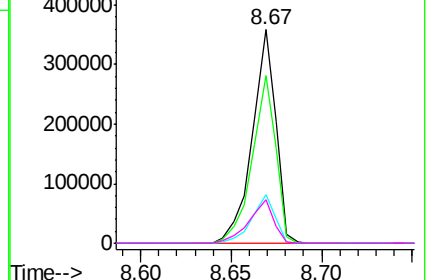
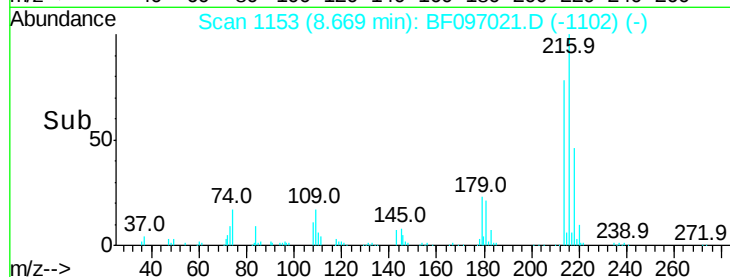


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.298 ng

RT: 8.66 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

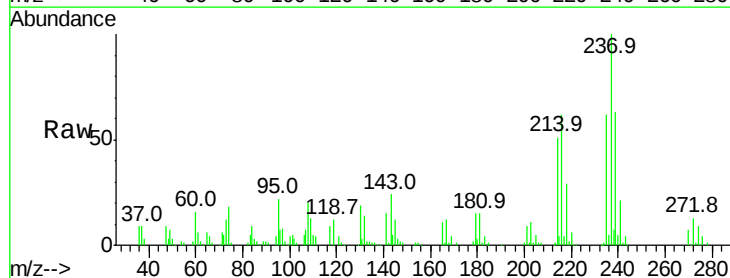
Tgt Ion:237 Resp: 114379

Ion Ratio Lower Upper

237 100

235 61.6 42.6 82.6

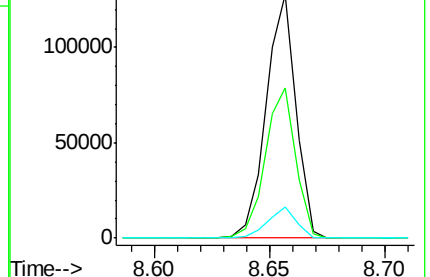
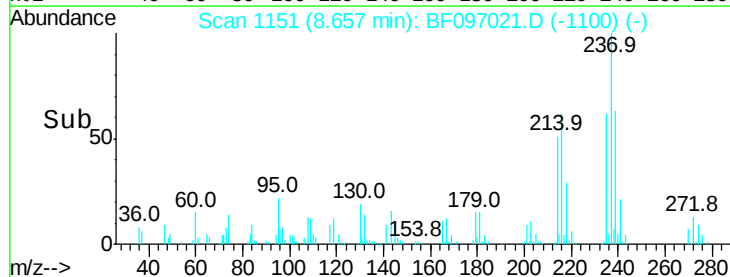
272 12.5 0.0 31.9

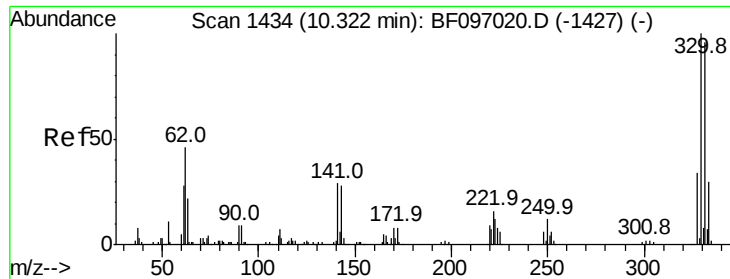


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

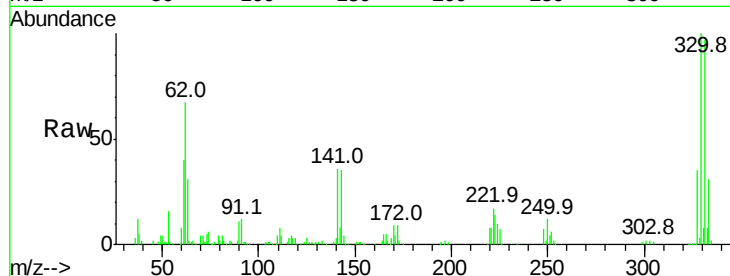




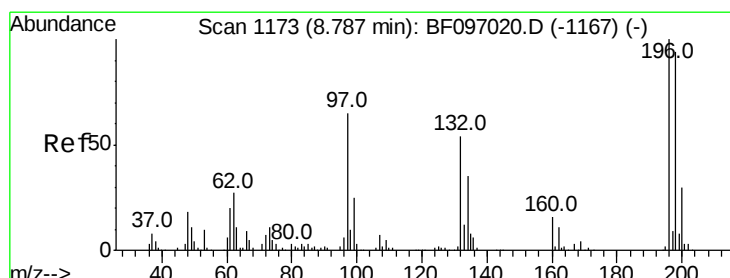
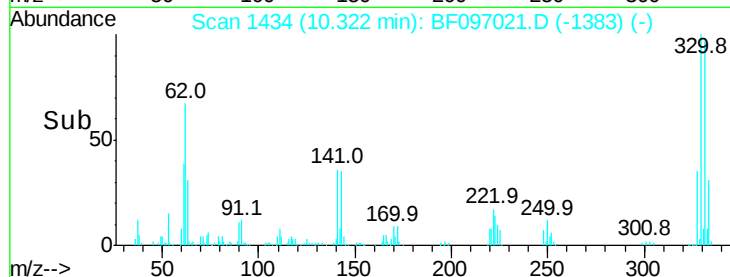
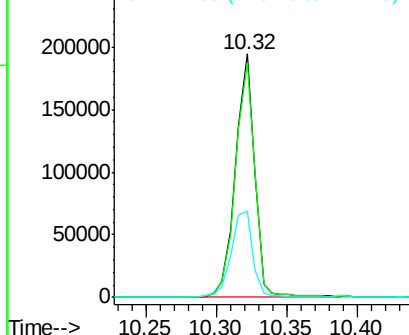
#41
 2,4,6-Tribromophenol
 Concen: 87.557 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	115.0
141	40.3	31.4	47.2

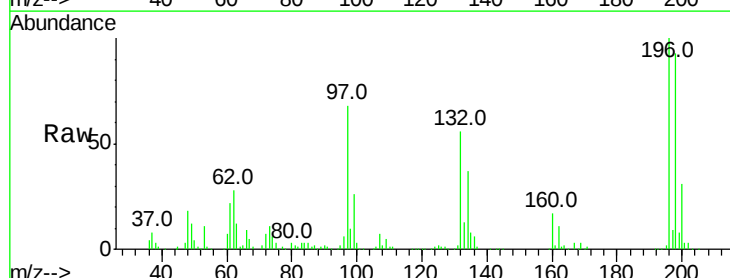


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

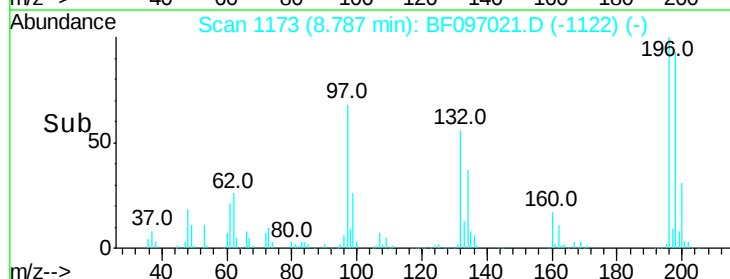
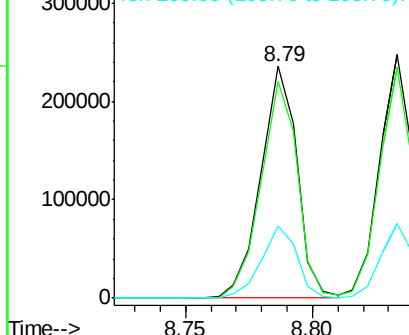


#42
 2,4,6-Trichlorophenol
 Concen: 47.832 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.2	111.4
200	30.8	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

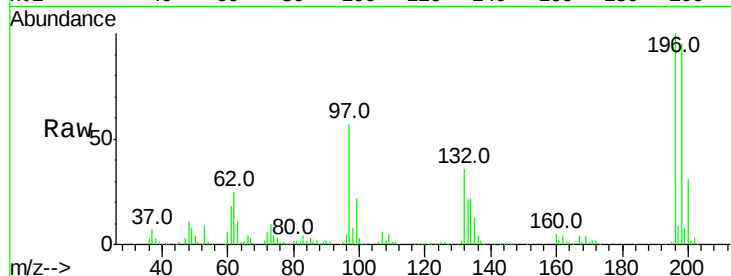




#43
 2,4,5-Trichlorophenol
 Concen: 48.035 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	57.0	47.7	71.5
132	35.6	28.0	42.0



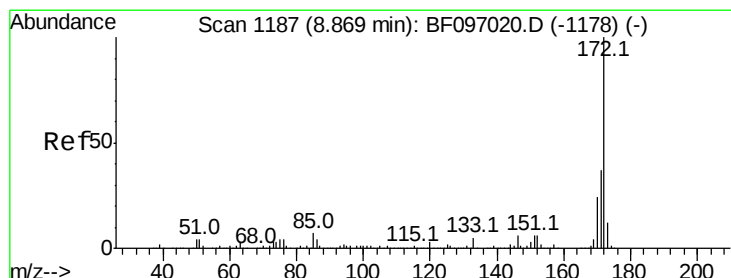
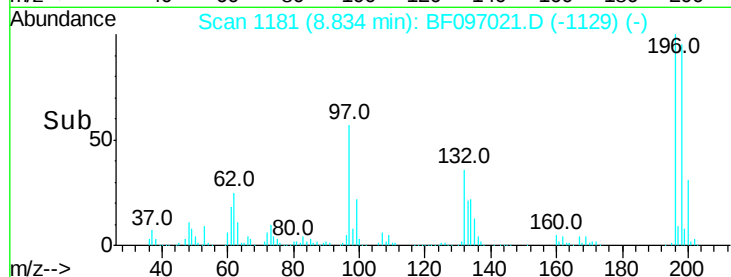
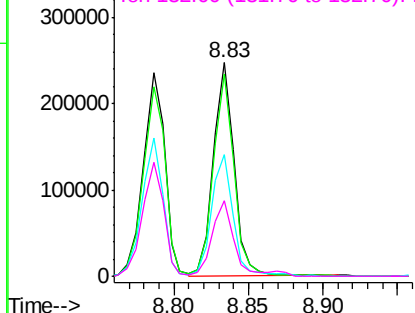
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

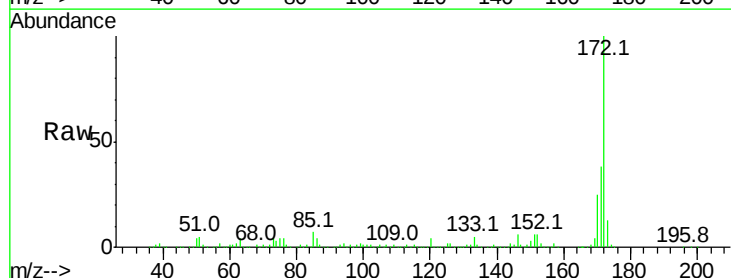
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.540 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	25.1	19.8	29.8

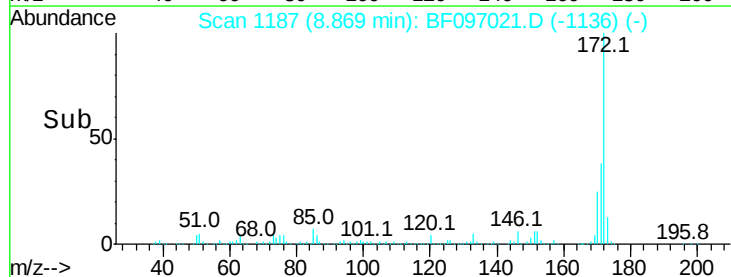
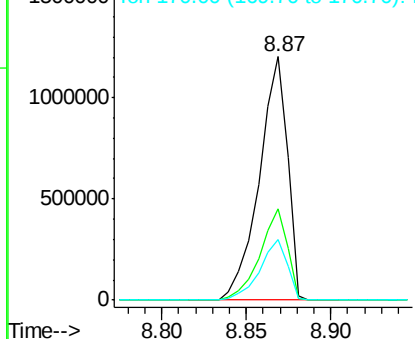


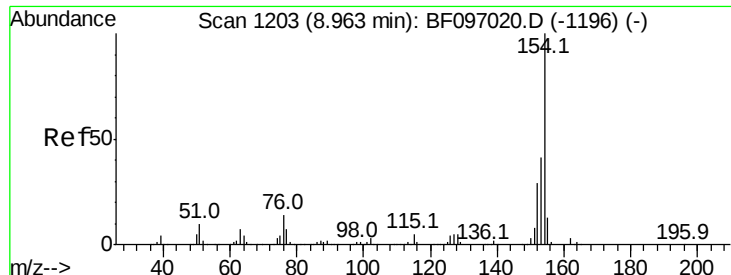
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

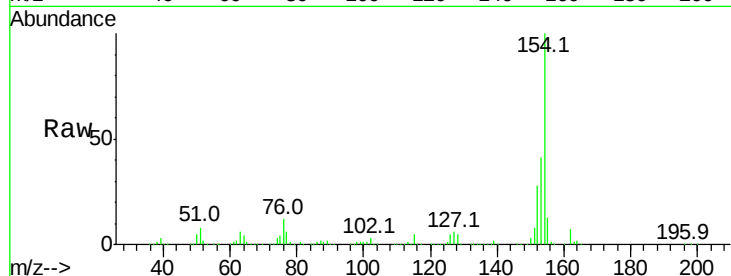




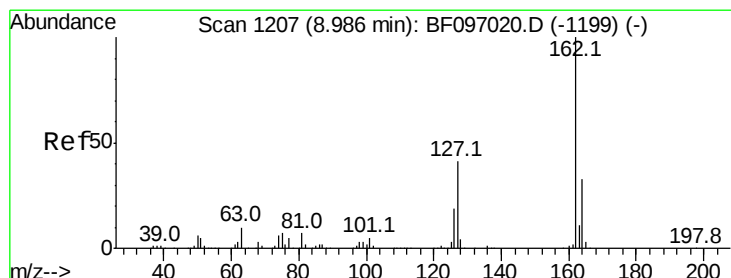
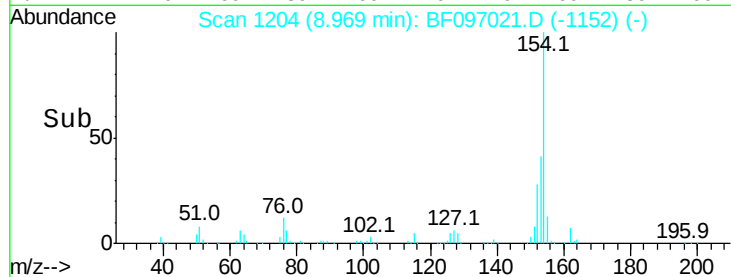
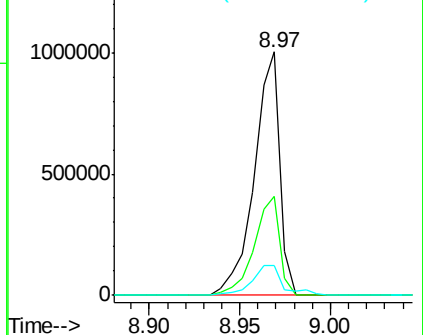
#45
 1,1'-Biphenyl
 Concen: 45.978 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 978641
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.2 61.2
 76 12.5 0.0 29.9

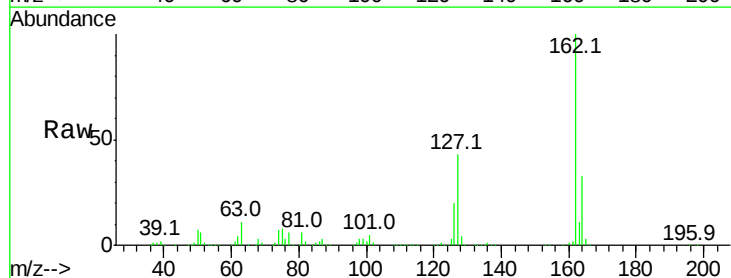


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

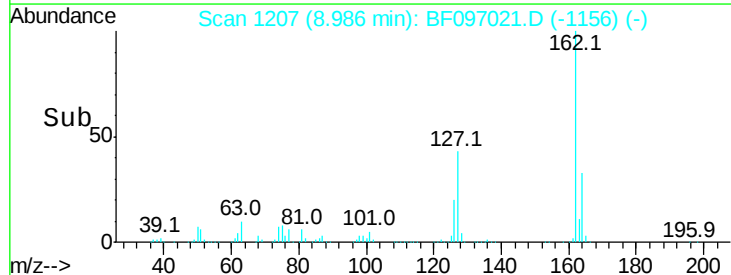
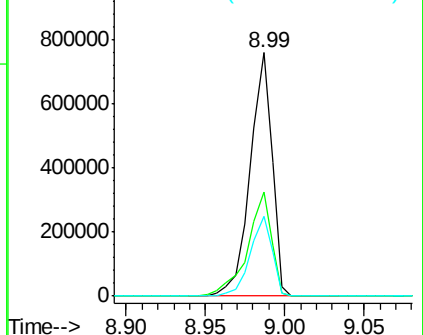


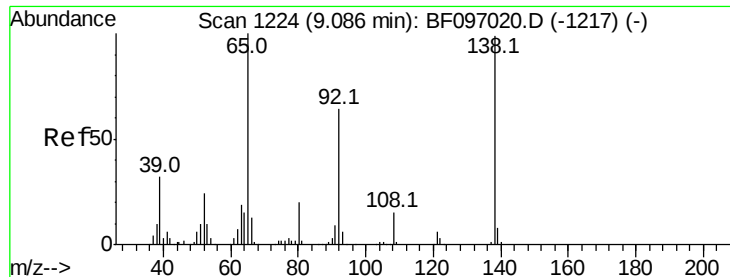
#46
 2-Chloronaphthalene
 Concen: 46.501 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:162 Resp: 728817
 Ion Ratio Lower Upper
 162 100
 127 42.9 28.3 42.5#
 164 32.5 27.0 40.4



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





#47

2-Nitroaniline

Concen: 51.424 ng

RT: 9.09 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

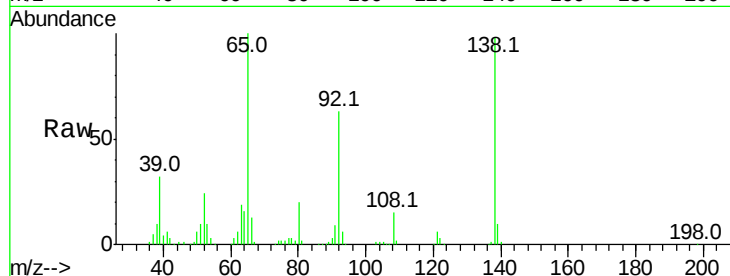
Tot Ion: 65 Resp: 277045

Ion Ratio Lower Upper

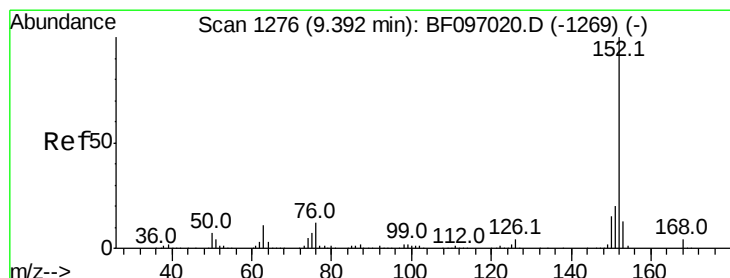
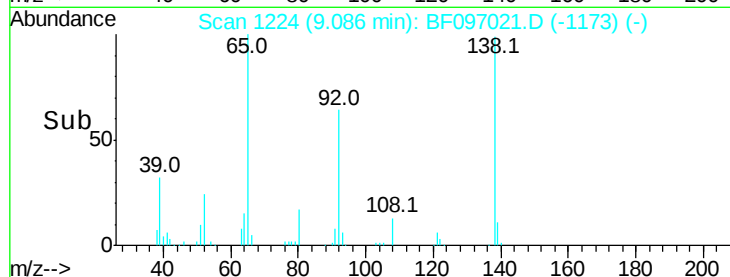
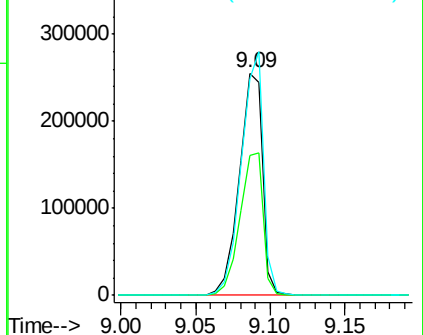
65 100

92 63.2 53.9 80.9

138 97.8 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 43.939 ng

RT: 9.40 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

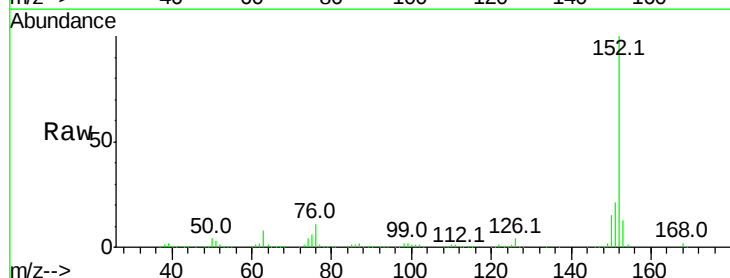
Tgt Ion: 152 Resp: 1097259

Ion Ratio Lower Upper

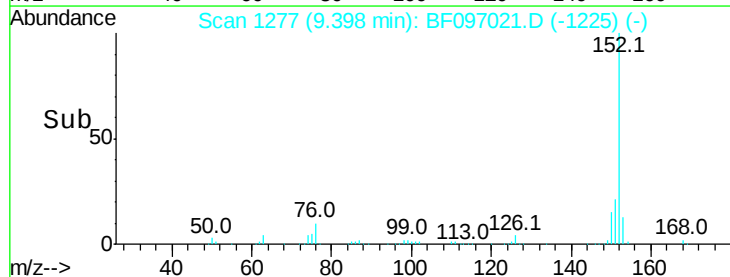
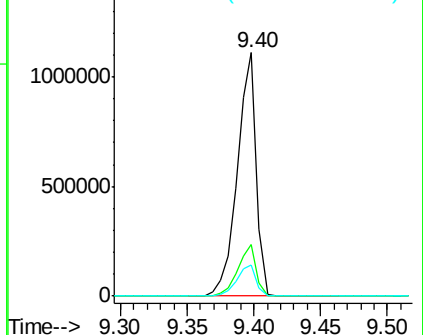
152 100

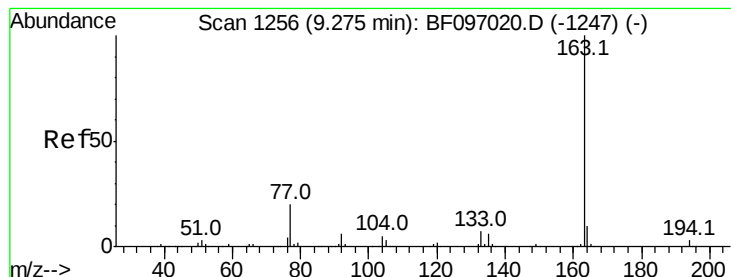
151 21.2 16.8 25.2

153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.967 ng

RT: 9.28 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampled :

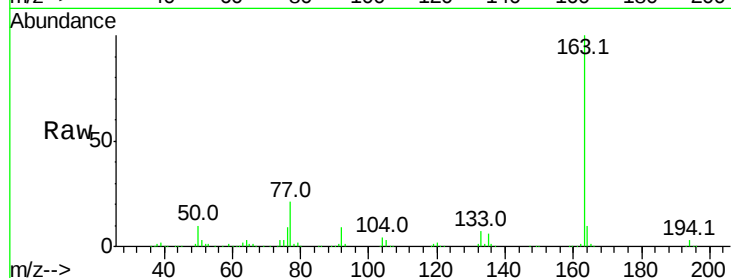
Tot Ion:163 Resp: 896366

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

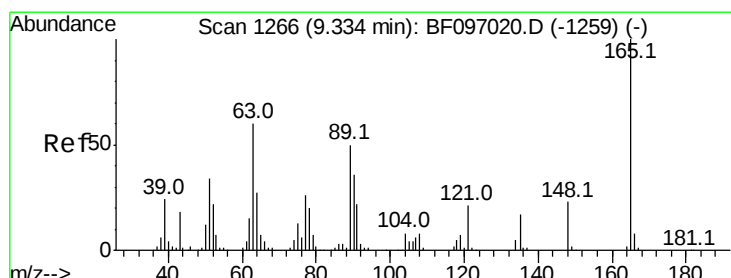
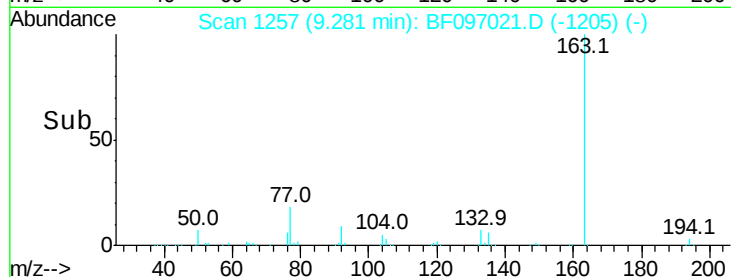
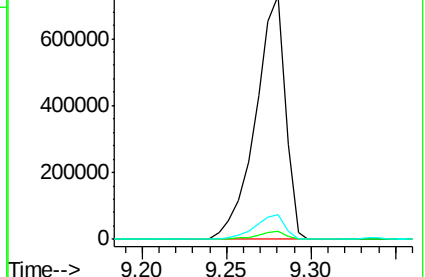
164 10.0 8.4 12.6



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: 49.260 ng

RT: 9.33 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

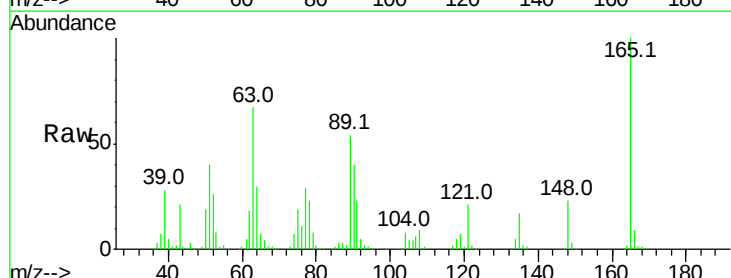
Tgt Ion:165 Resp: 199385

Ion Ratio Lower Upper

165 100

63 66.9 34.3 51.5#

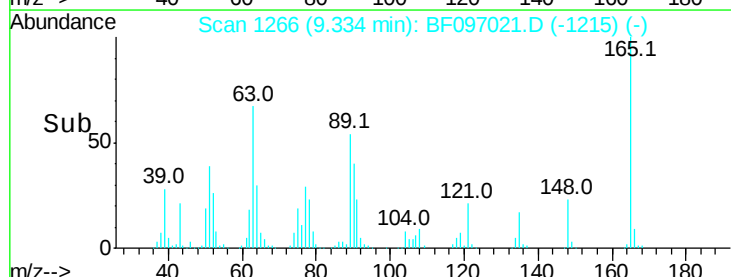
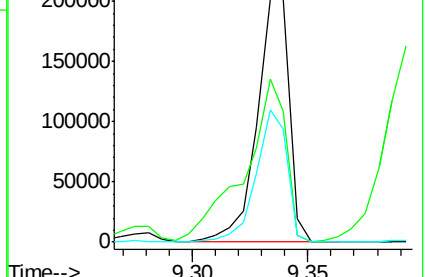
89 54.3 37.1 55.7

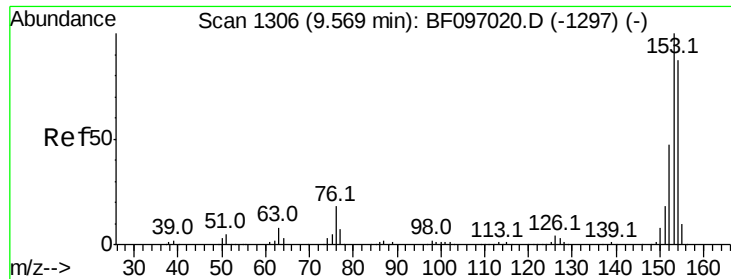


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.545 ng

RT: 9.57 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

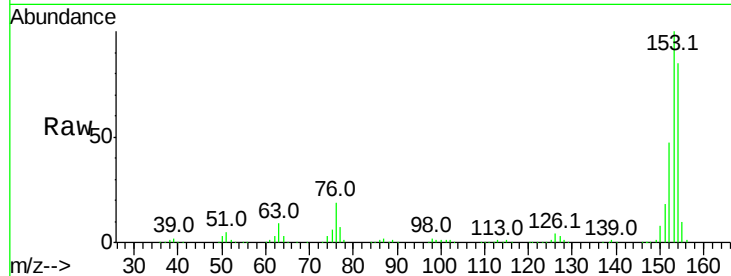
Tot Ion:154 Resp: 657145

Ion Ratio Lower Upper

154 100

153 118.3 90.5 135.7

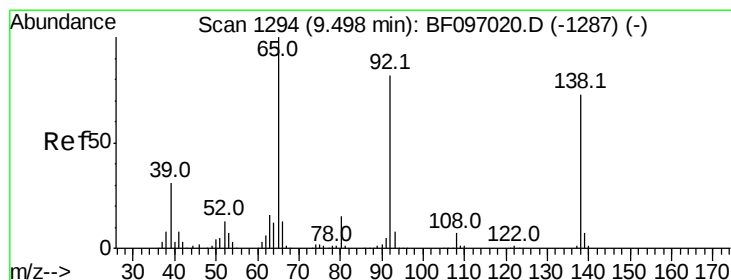
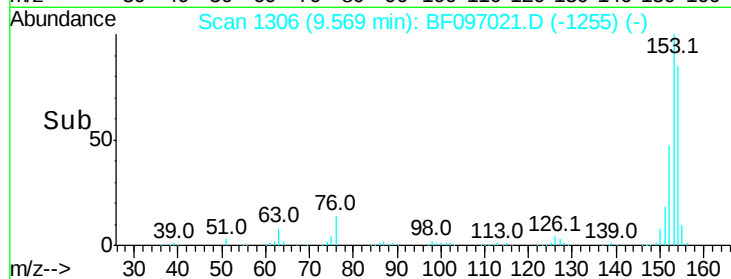
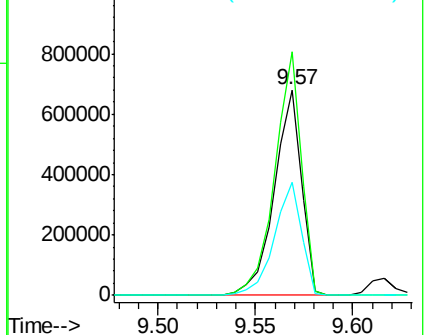
152 55.2 43.6 65.4



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: 49.454 ng

RT: 9.50 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

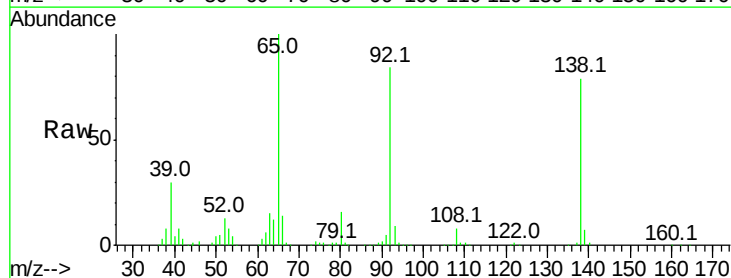
Tgt Ion:138 Resp: 237133

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

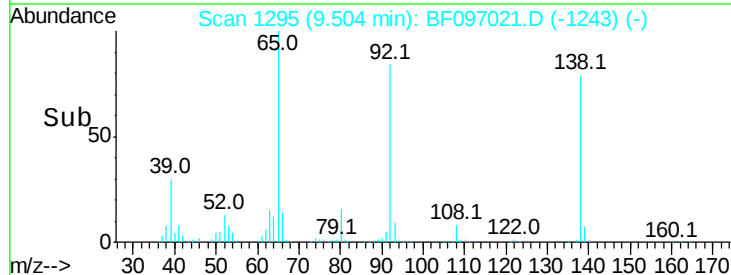
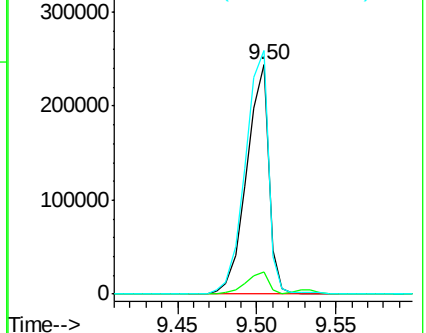
92 106.1 93.8 140.6



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

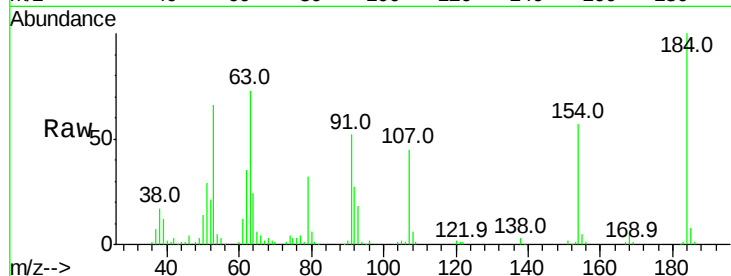




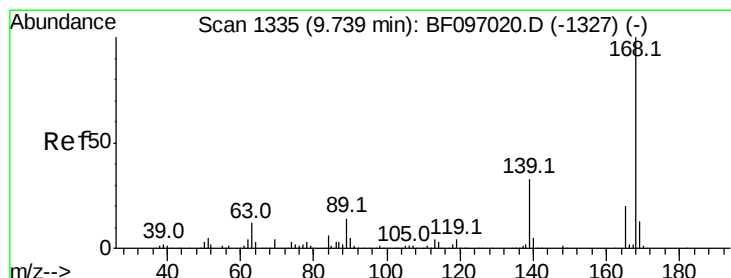
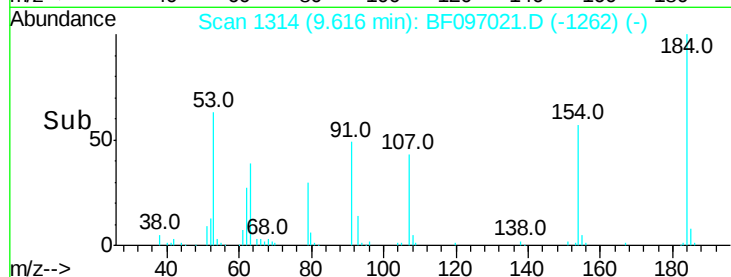
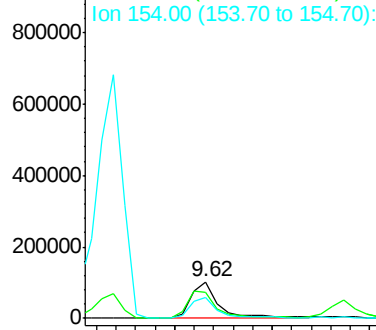
#53
 2,4-Dinitrophenol
 Concen: 59.279 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 100934
 Ion Ratio Lower Upper
 184 100
 63 73.3 62.7 94.1
 154 56.7 81.1 121.7#

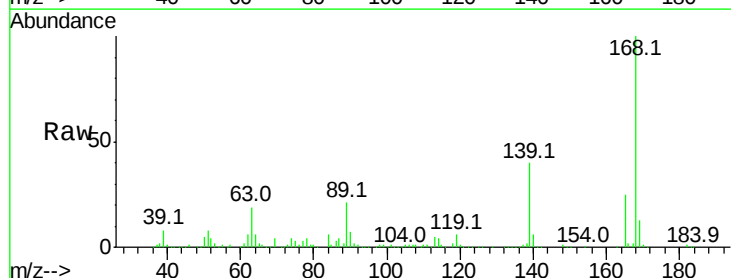


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

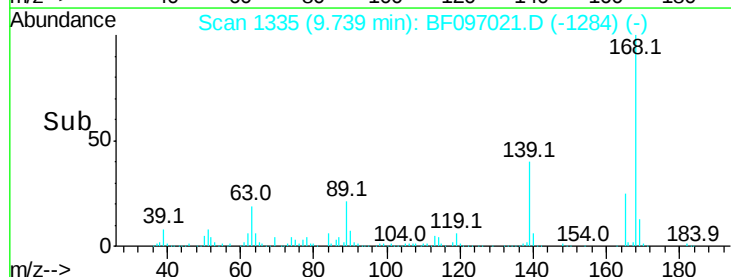
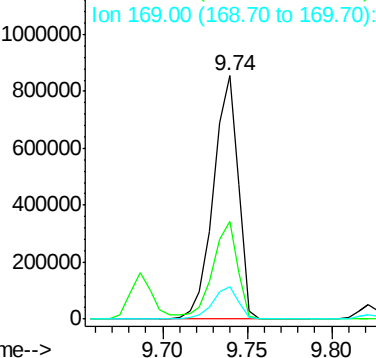


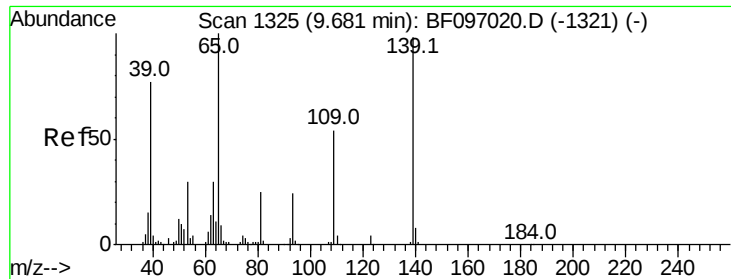
#54
 Dibenzofuran
 Concen: 42.439 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:168 Resp: 877328
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.6 45.8
 169 13.5 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.694 ng

RT: 9.69 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :
BNA_F
ClientSampleId :

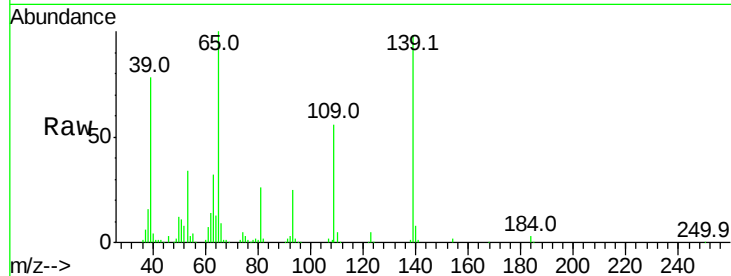
Tot Ion:139 Resp: 153064

Ion Ratio Lower Upper

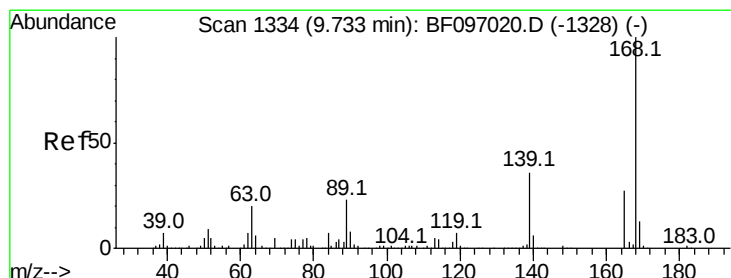
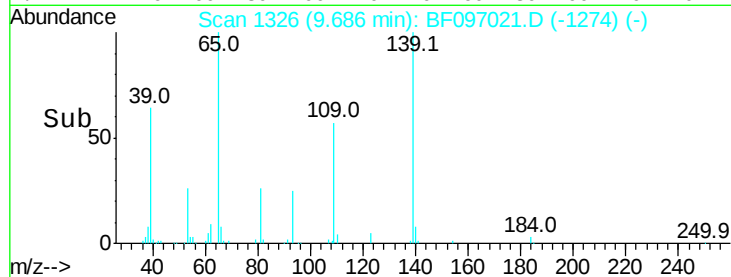
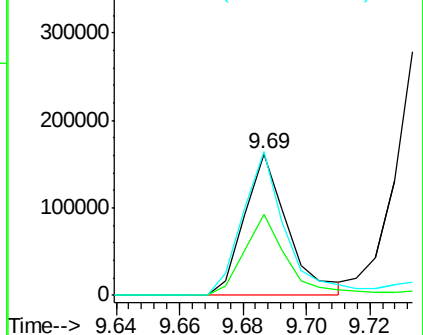
139 100

109 57.0 34.1 74.1

65 101.7 31.4 71.4#



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



#56

2,4-Dinitrotoluene

Concen: 42.145 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Tgt Ion:165 Resp: 219201

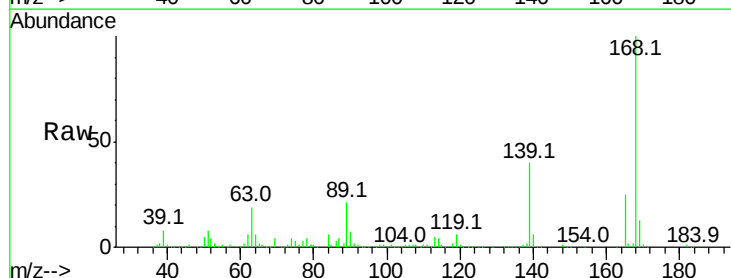
Ion Ratio Lower Upper

165 100

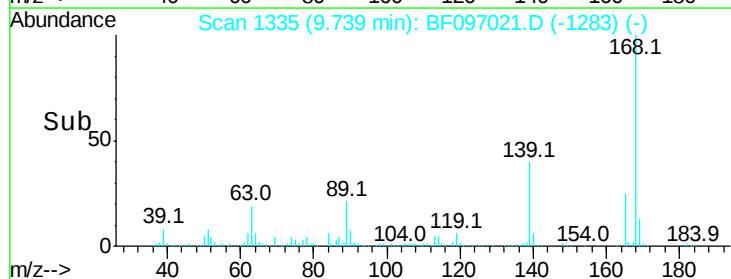
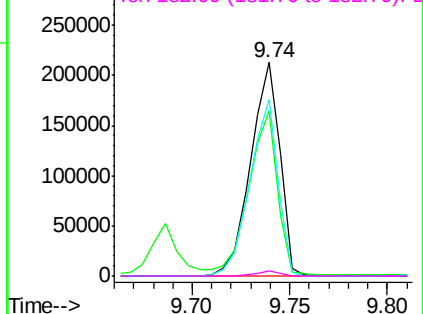
63 77.4 25.4 38.0#

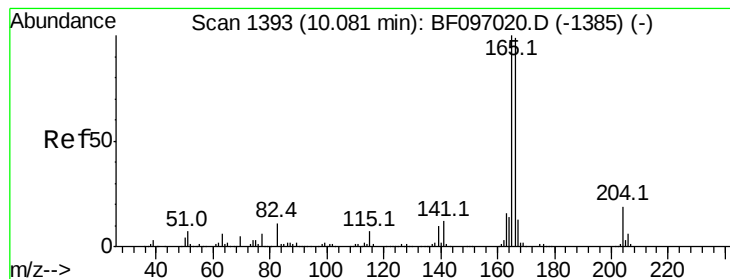
89 82.5 46.4 69.6#

182 2.2 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.146 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

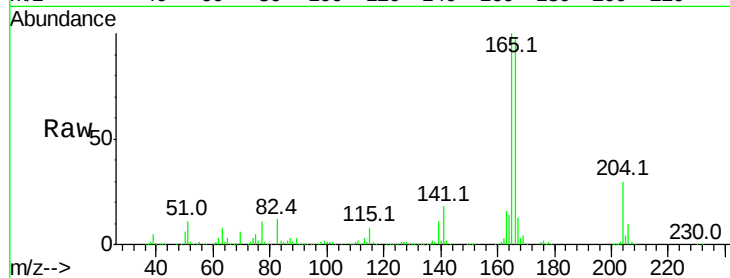
Tot Ion:166 Resp: 674394

Ion Ratio Lower Upper

166 100

165 101.7 78.8 118.2

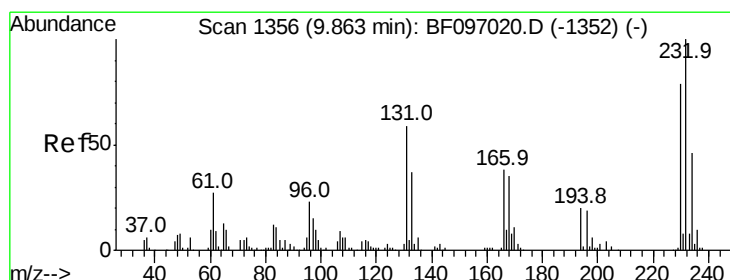
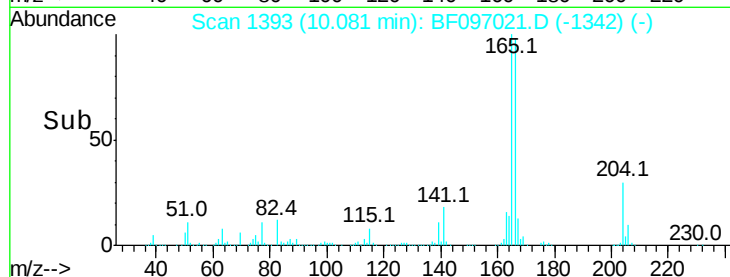
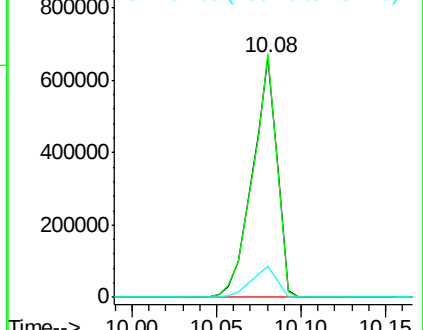
167 12.9 10.6 16.0



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: 48.274 ng

RT: 9.86 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Tgt Ion:232 Resp: 167093

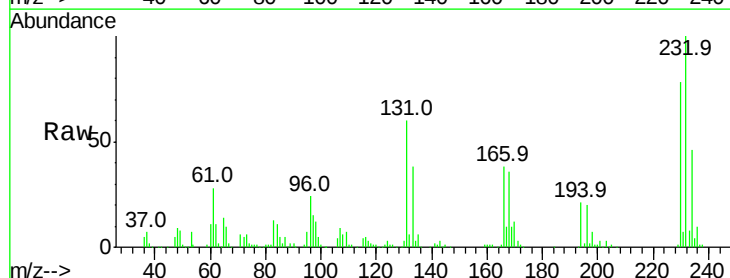
Ion Ratio Lower Upper

232 100

131 54.6 44.8 67.2

130 2.6 2.3 3.5

166 33.7 29.0 43.4

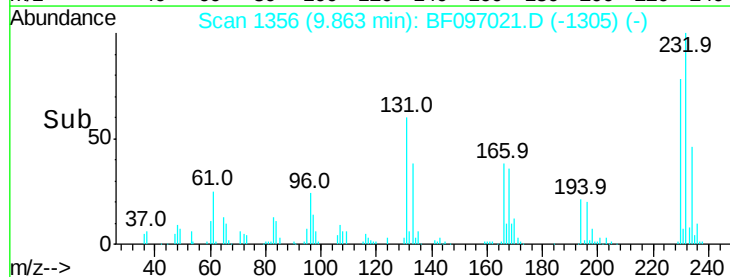
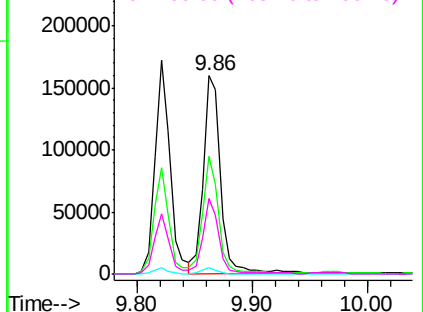


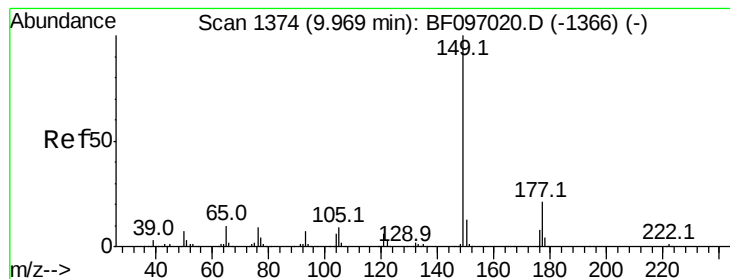
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.259 ng

RT: 9.97 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

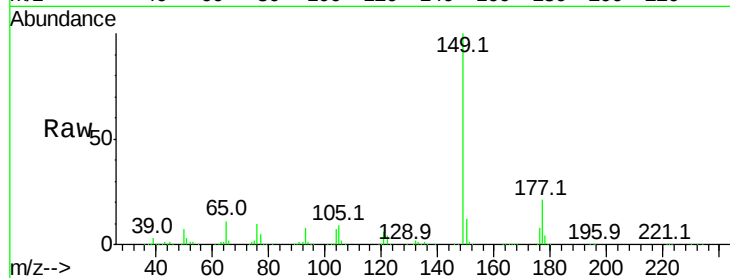
Tot Ion:149 Resp: 841526

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

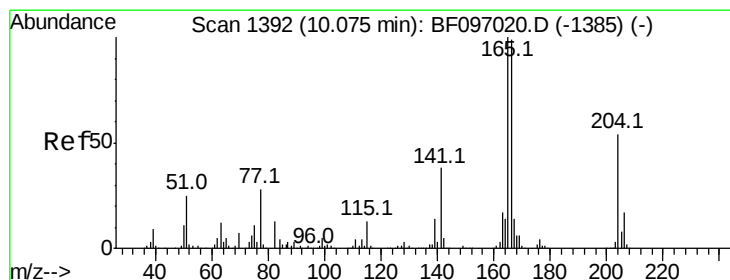
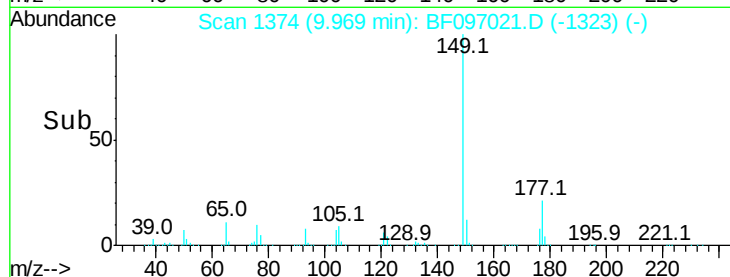
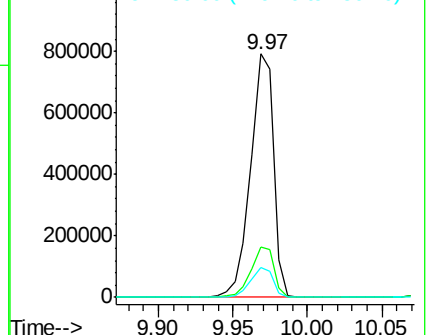
150 12.5 10.2 15.2



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: 42.720 ng

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

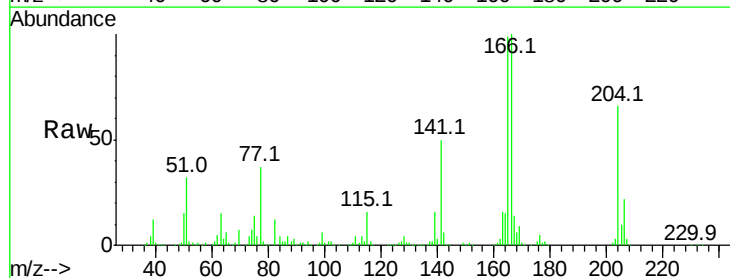
Tgt Ion:204 Resp: 274390

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

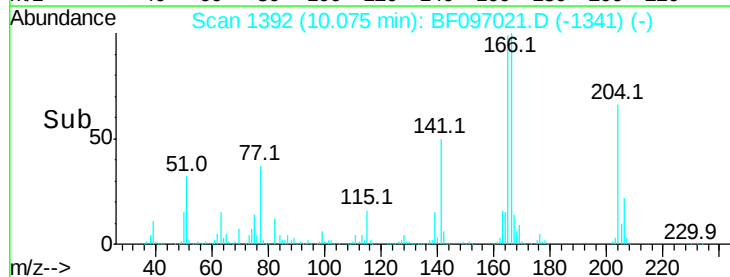
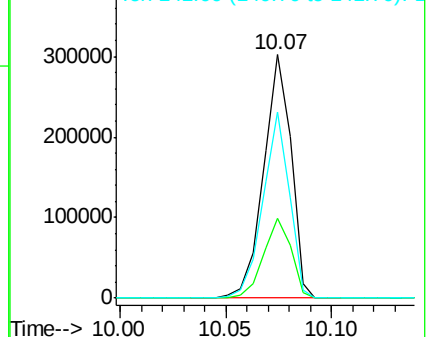
141 76.3 60.8 91.2

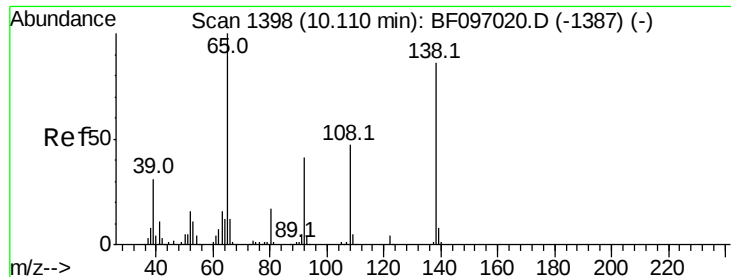


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

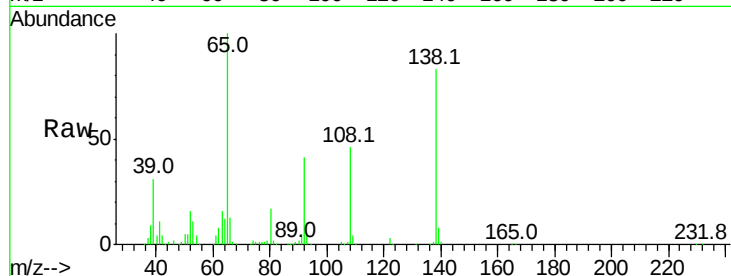




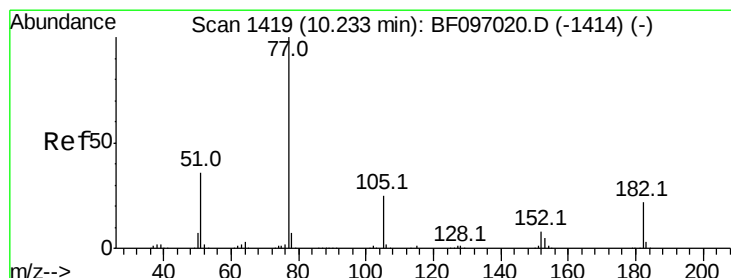
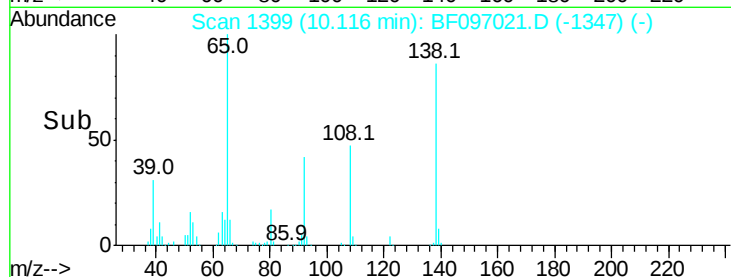
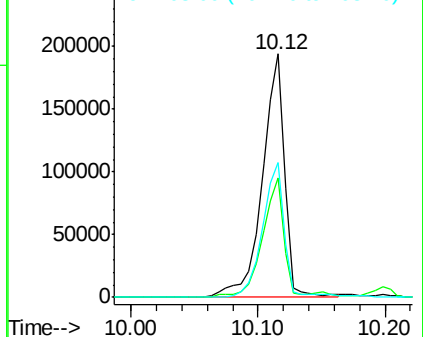
#61
4-Nitroaniline
Concen: 52.863 ng
RT: 10.12 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 238029
Ion Ratio Lower Upper
138 100
92 49.0 21.8 61.8
108 55.6 42.3 82.3

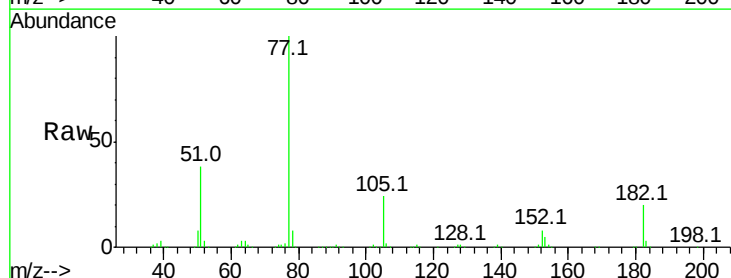


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

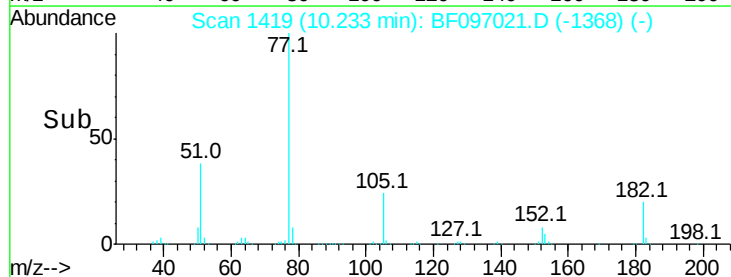
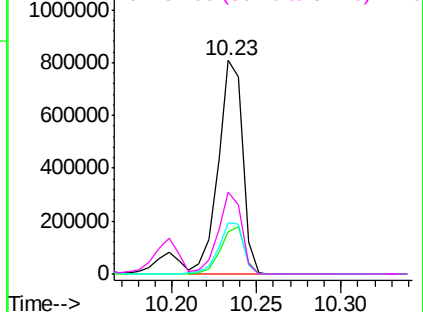


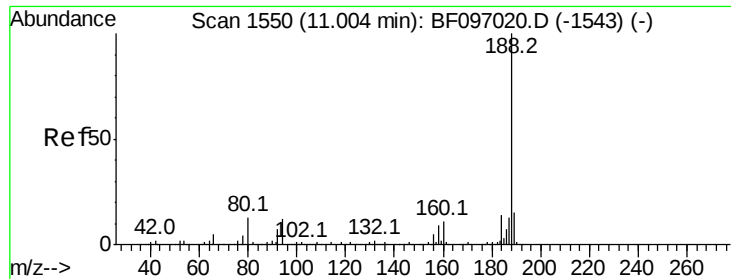
#62
Azobenzene
Concen: 50.355 ng
RT: 10.23 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion: 77 Resp: 808119
Ion Ratio Lower Upper
77 100
182 19.9 0.1 40.1
105 23.9 3.6 43.6
51 38.3 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

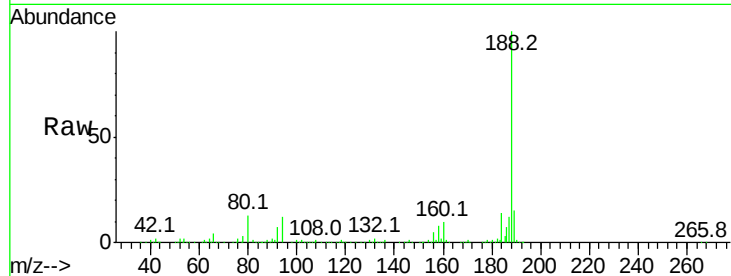




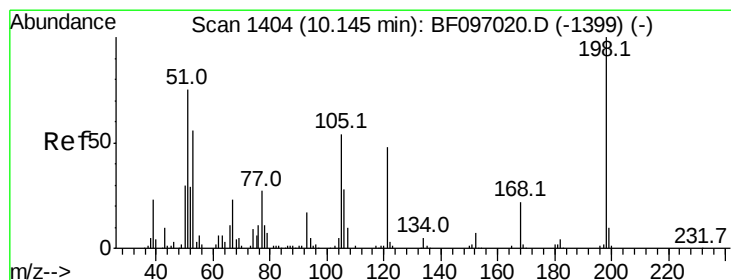
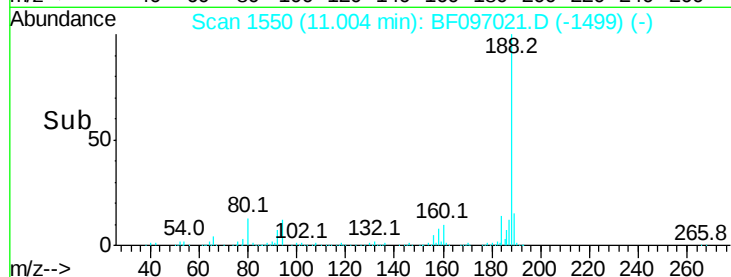
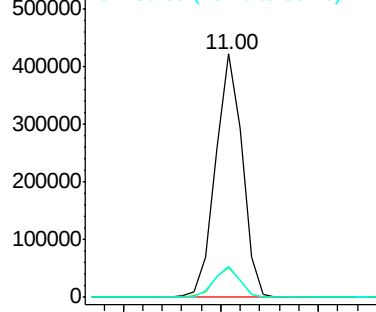
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 400854
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 12.6 10.2 15.2

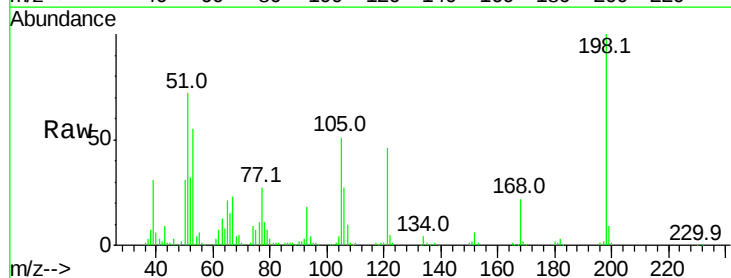


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

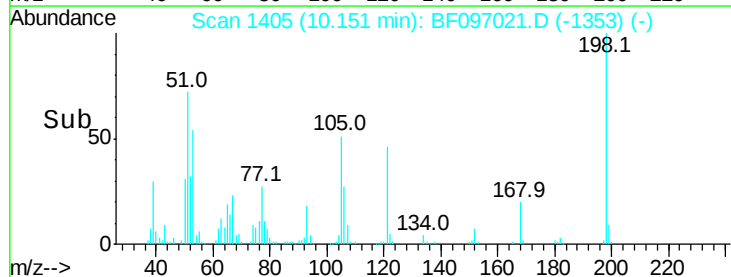
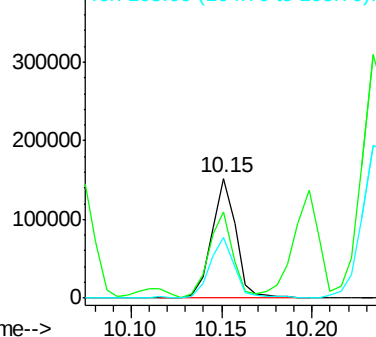


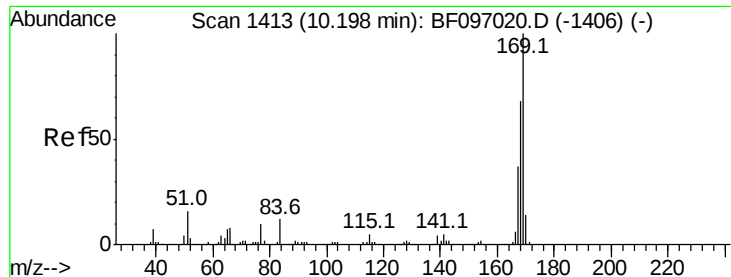
#64
4,6-Dinitro-2-methylphenol
Concen: 56.115 ng
RT: 10.15 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion:198 Resp: 141229
Ion Ratio Lower Upper
198 100
51 71.5 53.2 93.2
105 50.8 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.996 ng

RT: 10.20 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

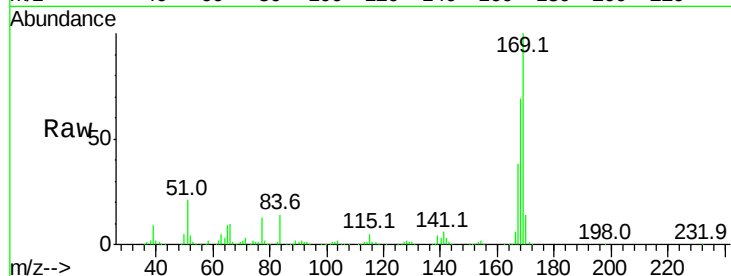
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 673407

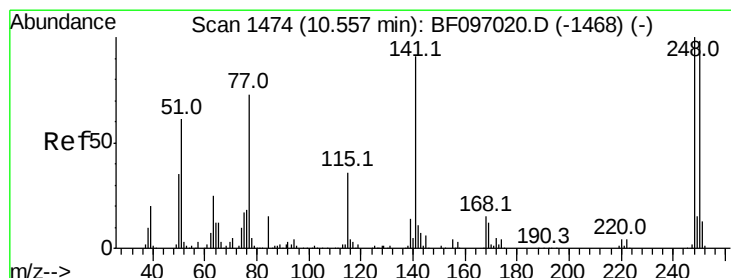
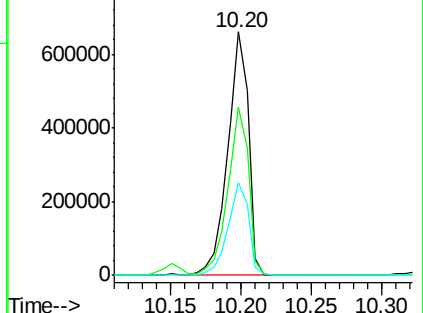
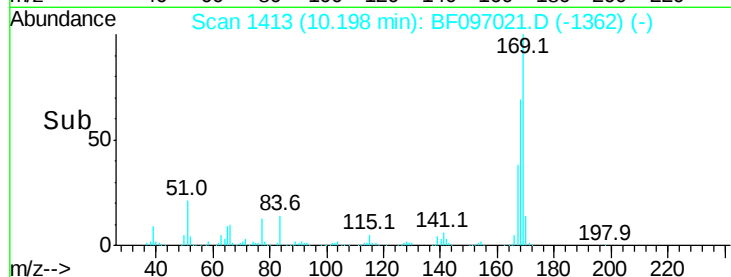
Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.2	79.8
167	38.2	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.071 ng

RT: 10.56 min Scan# 1475

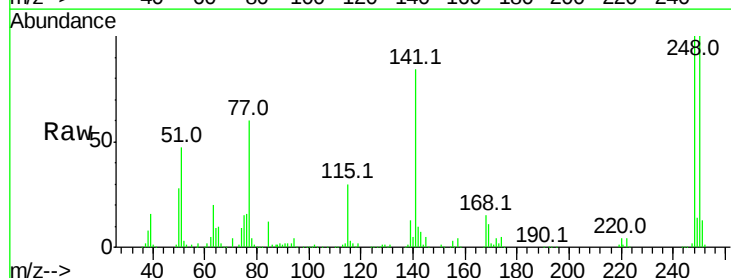
Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Tgt Ion:248 Resp: 196735

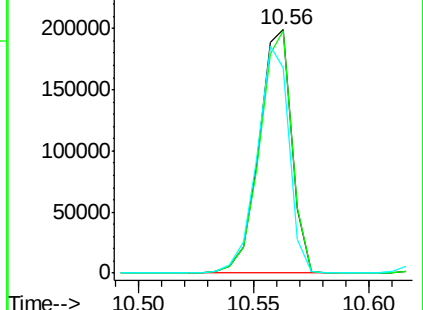
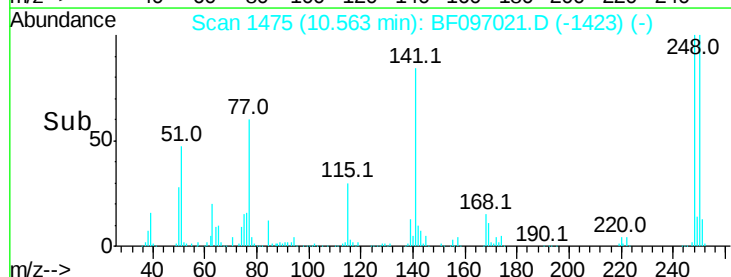
Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.8	115.2
141	84.1	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

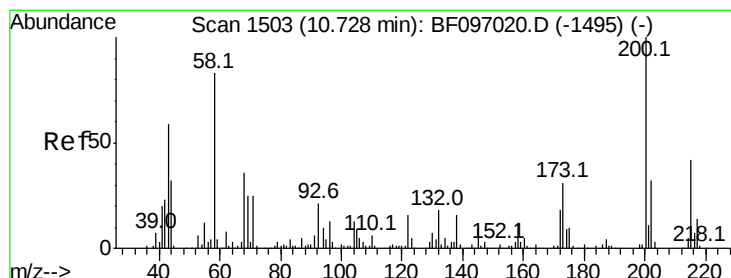
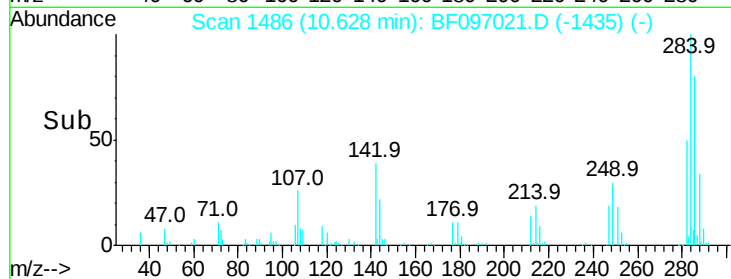
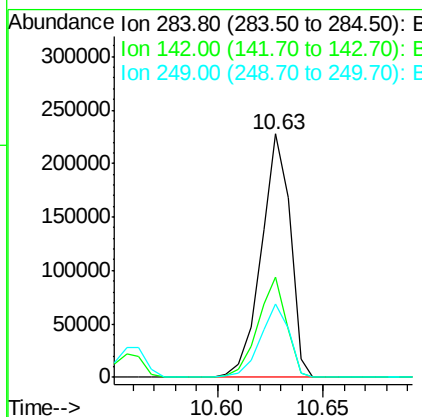
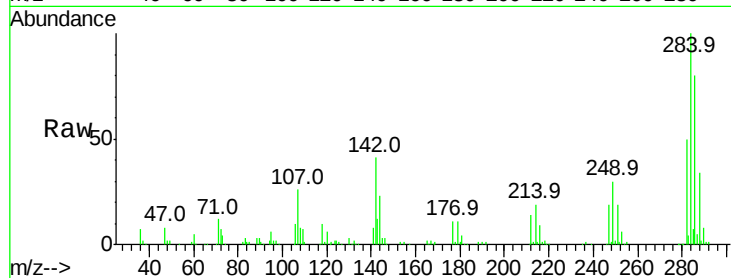




#67
Hexachlorobenzene
Concen: 47.534 ng
RT: 10.63 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

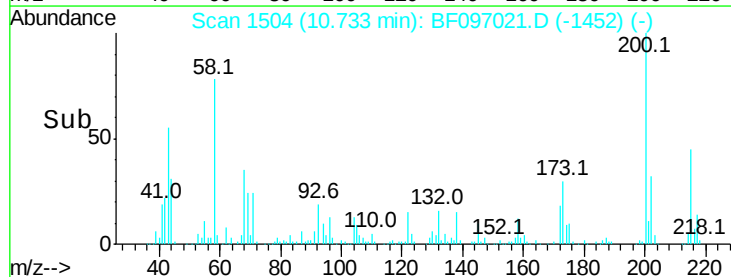
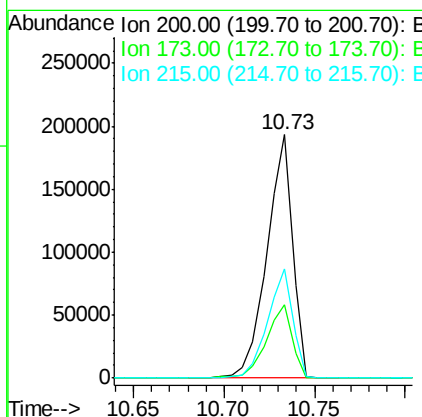
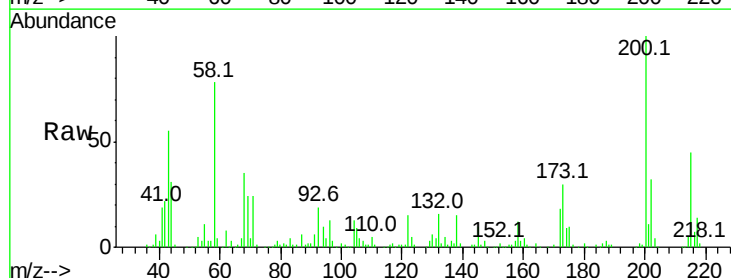
Instrument :
BNA_F
ClientSampleId :

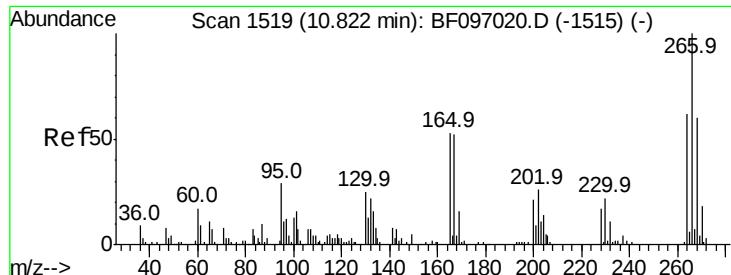
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.1	22.8	34.2#
249	30.2	24.0	36.0



#68
Atrazine
Concen: 46.505 ng
RT: 10.73 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	6.3	46.3
215	44.7	27.2	67.2

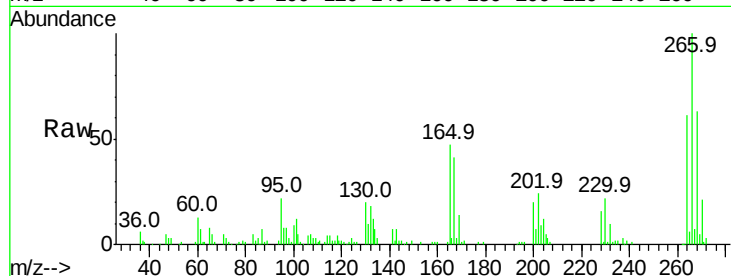




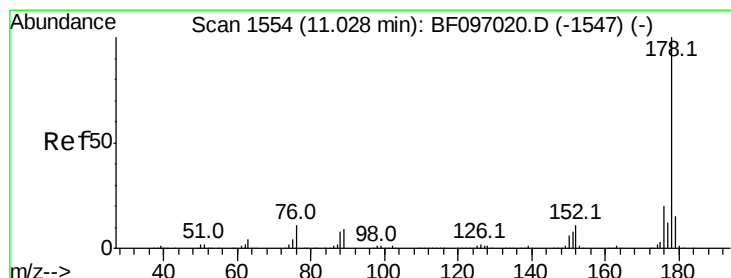
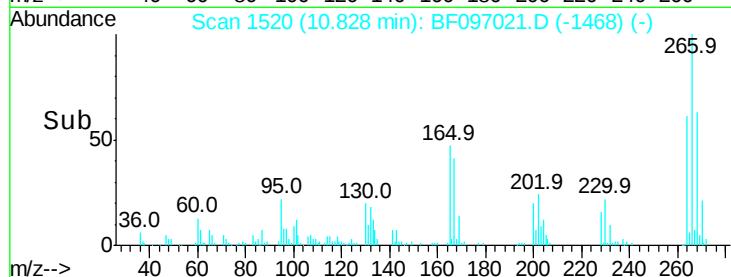
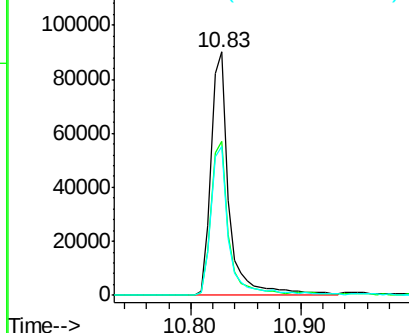
#69
 Pentachlorophenol
 Concen: 45.936 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 101151
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 60.9 51.7 77.5

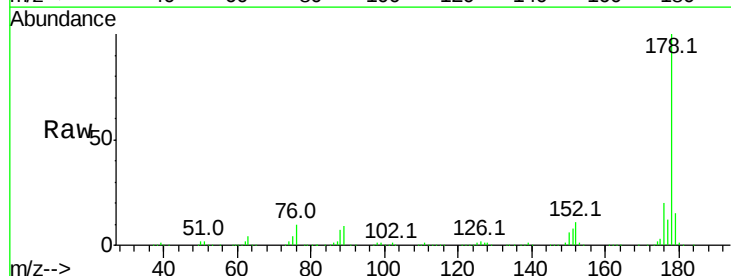


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

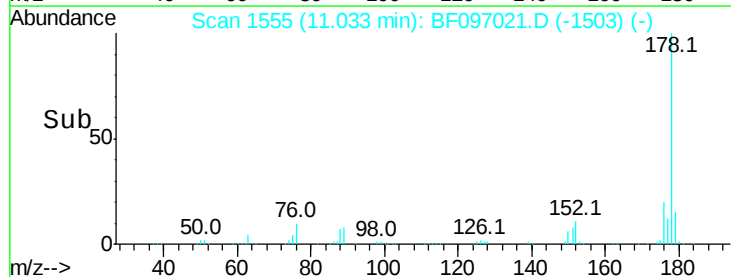
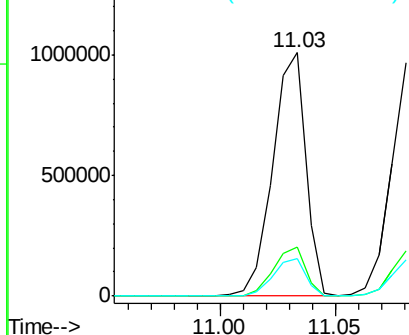


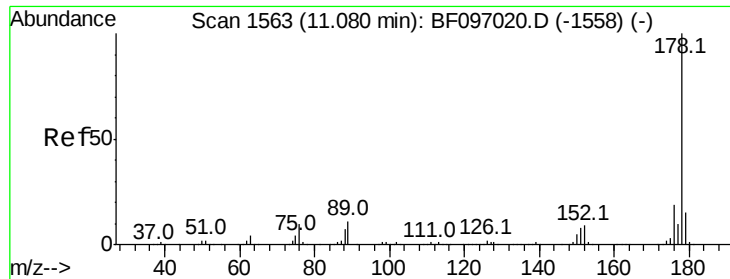
#70
 Phenanthrene
 Concen: 45.937 ng
 RT: 11.03 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:178 Resp: 1001231
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.3 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

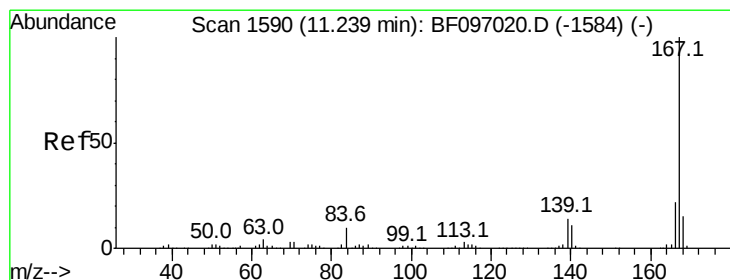
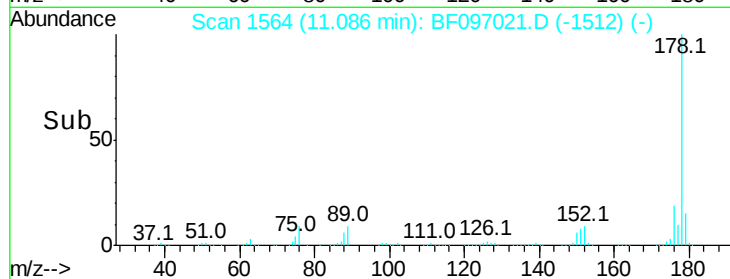
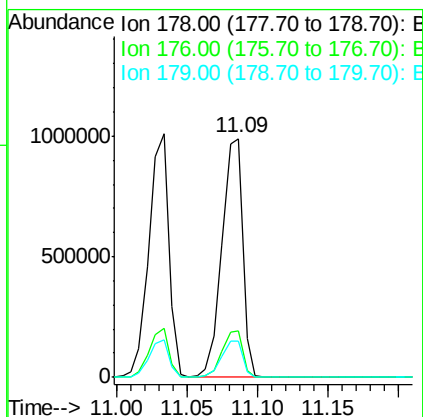
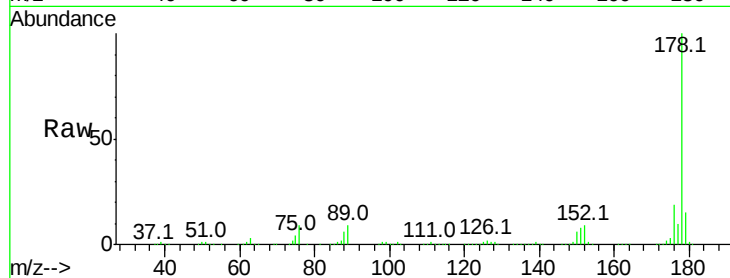




#71
 Anthracene
 Concen: 46.331 ng
 RT: 11.09 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

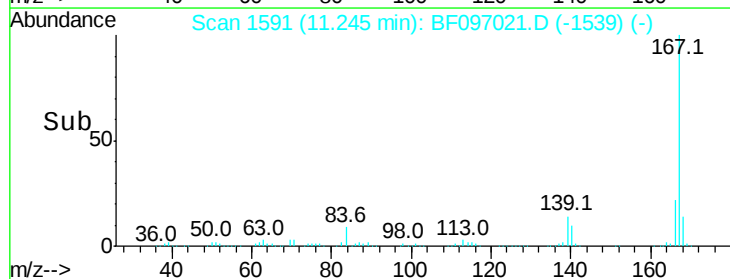
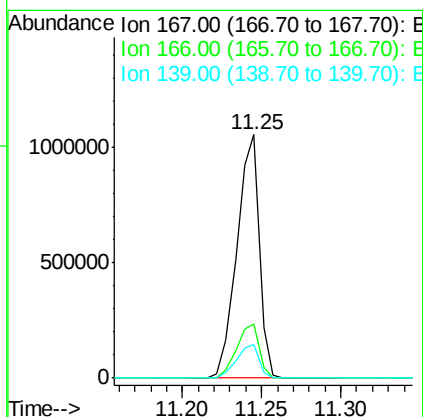
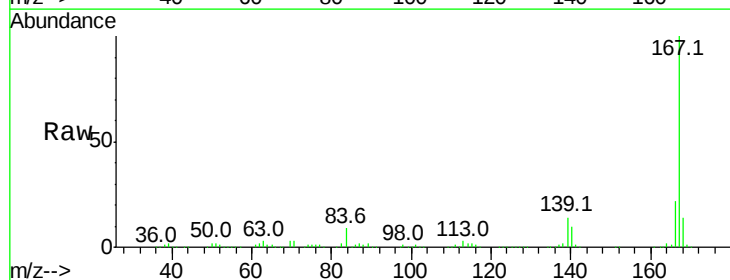
Instrument :
 BNA_F
 ClientSampleId :

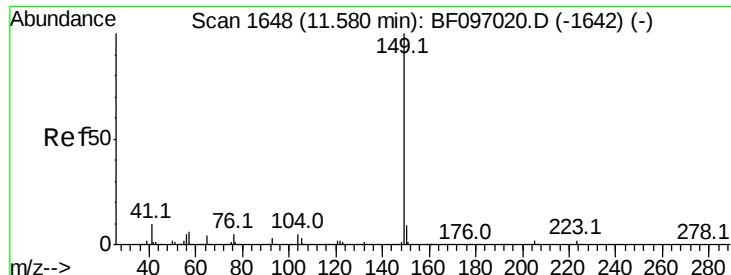
Tot Ion:178 Resp: 1021007
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 48.189 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:167 Resp: 1028383
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.521 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

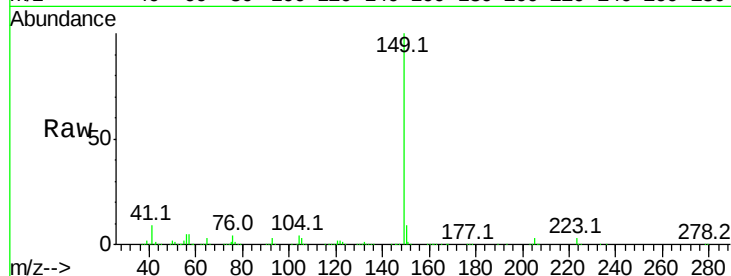
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1289556

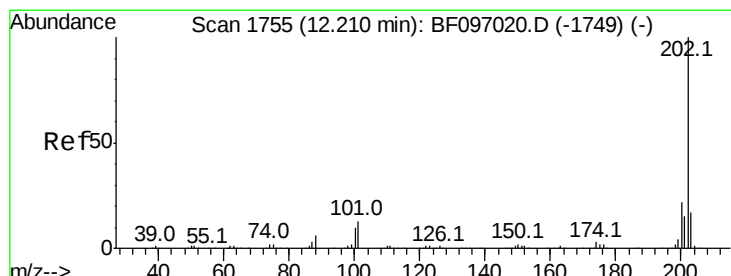
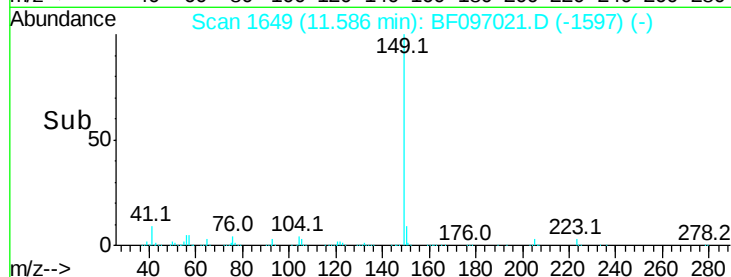
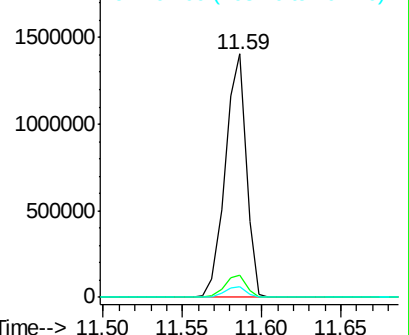
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.4	4.0	6.0



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: 46.548 ng

RT: 12.21 min Scan# 1755

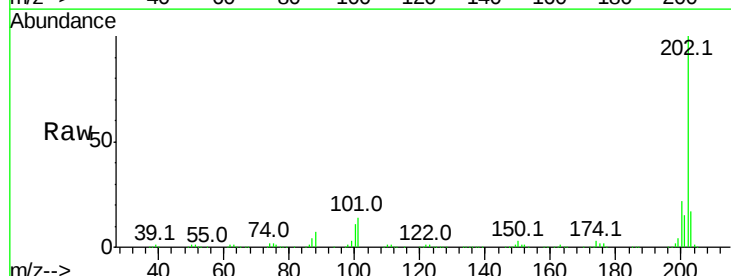
Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Tgt Ion:202 Resp: 971112

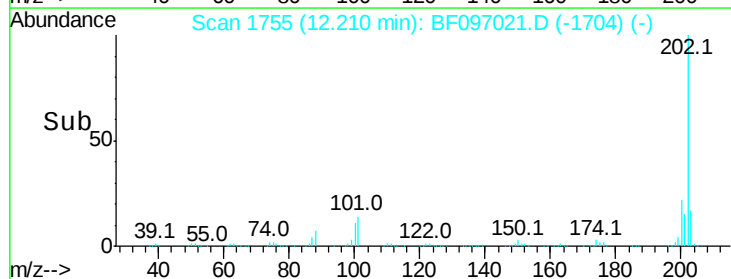
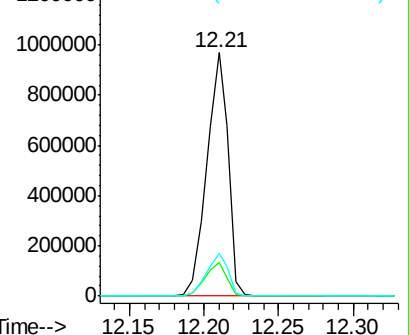
Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.3	0.0	38.1

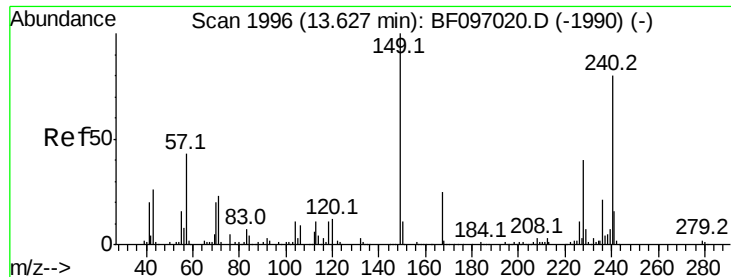


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

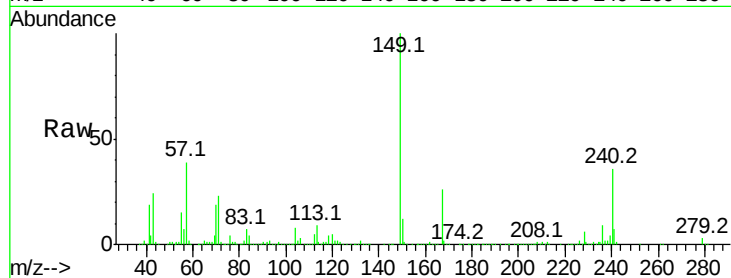
Tot Ion:240 Resp: 235182

Ion Ratio Lower Upper

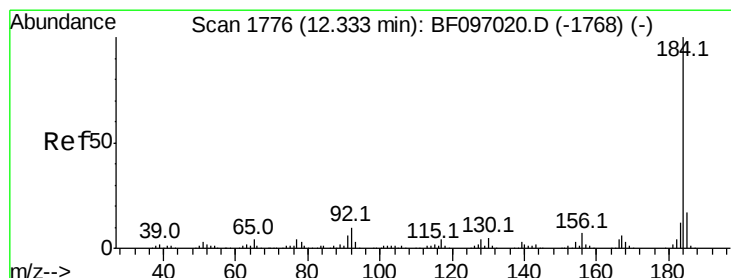
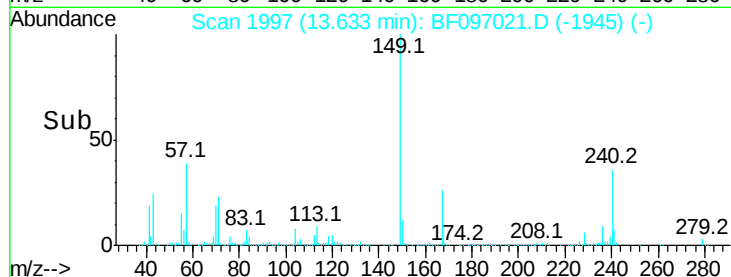
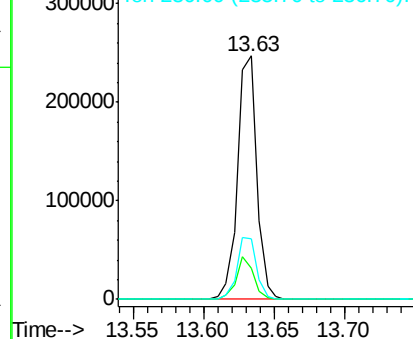
240 100

120 12.8 5.8 8.8#

236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.919 ng

RT: 12.33 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

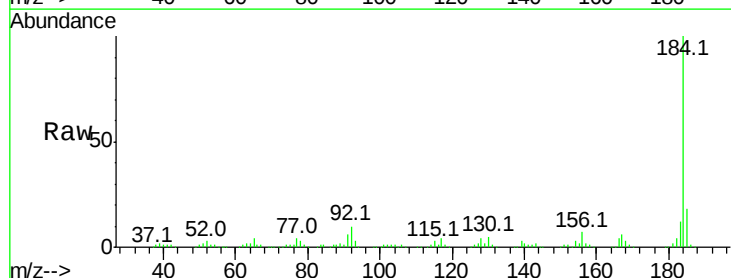
Tgt Ion:184 Resp: 423135

Ion Ratio Lower Upper

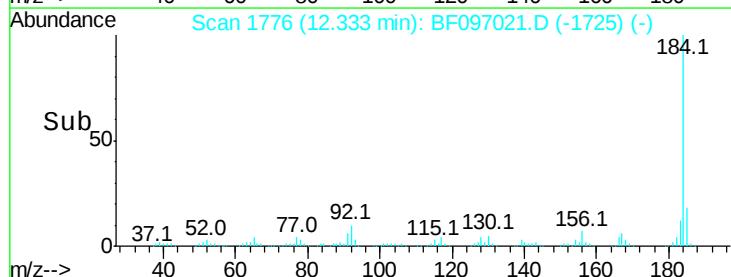
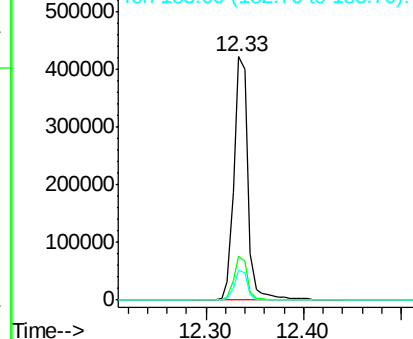
184 100

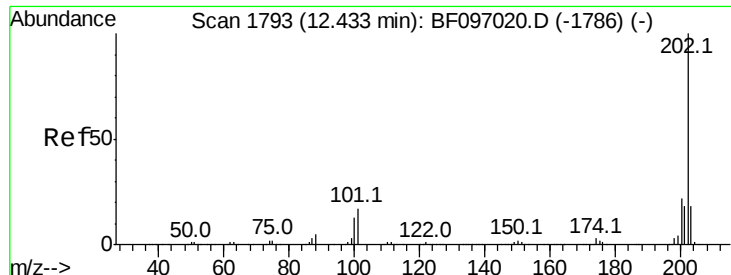
185 17.9 15.5 23.3

183 12.2 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

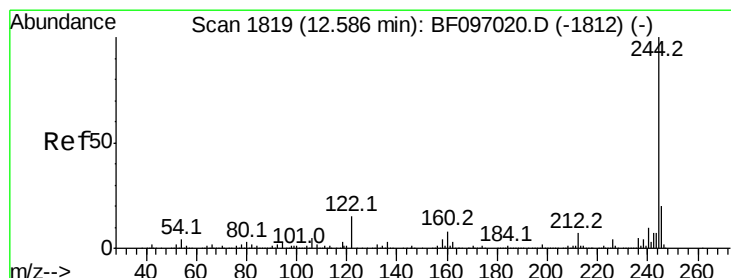
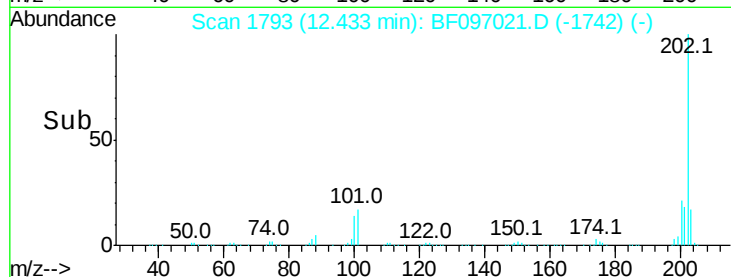
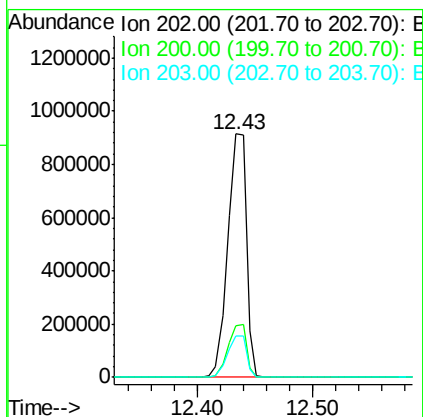
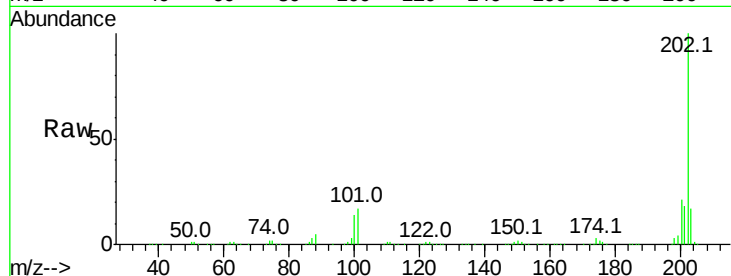




#77
Pvrene
Concen: 48.001 ng
RT: 12.43 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

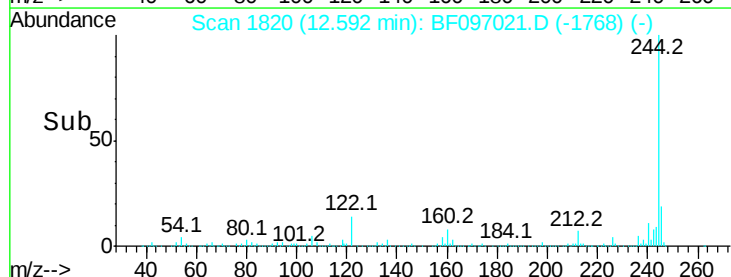
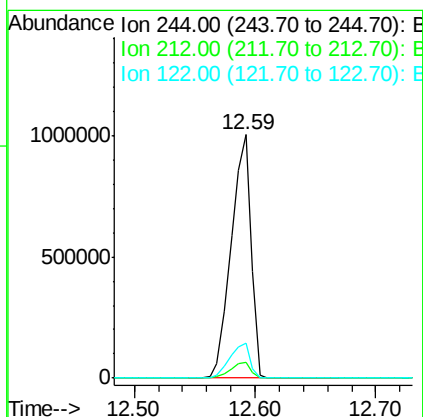
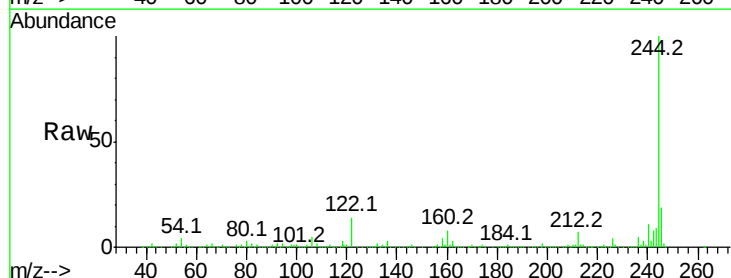
Instrument :
BNA_F
ClientSampleId :

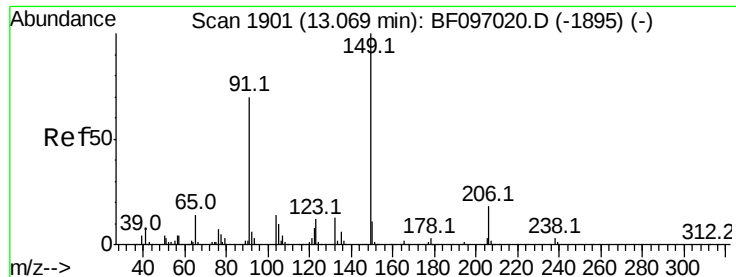
Tot Ion:202 Resp: 1024539
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.1 14.4 21.6



#78
Terphenyl-d14
Concen: 85.161 ng
RT: 12.59 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion:244 Resp: 1154866
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.3 10.3 15.5

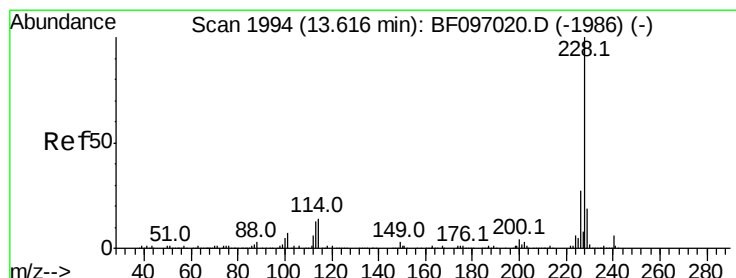
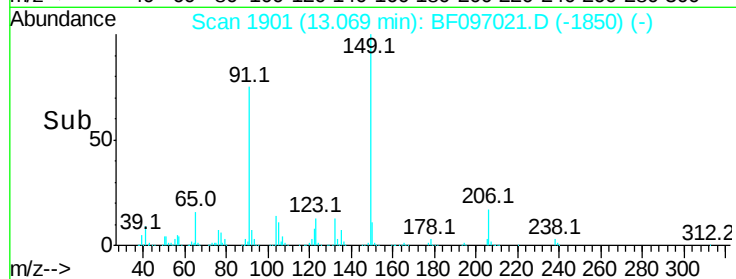
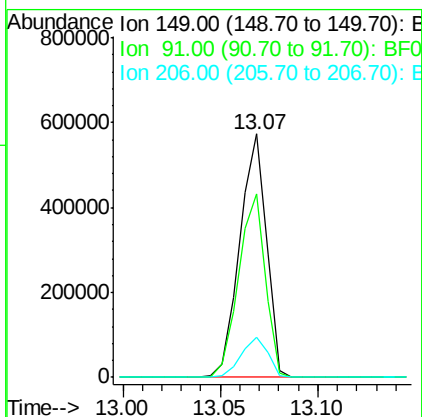
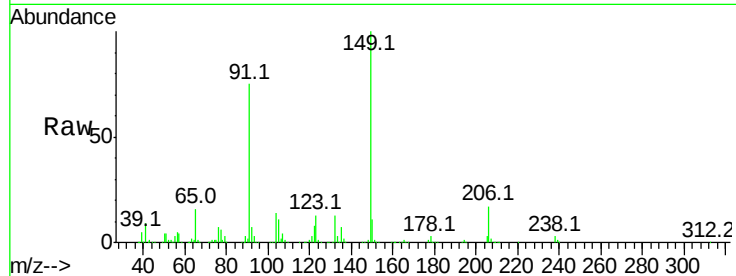




#79
Butylbenzylphthalate
Concen: 53.543 ng
RT: 13.07 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

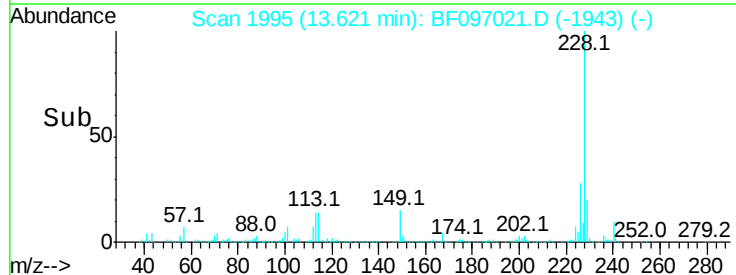
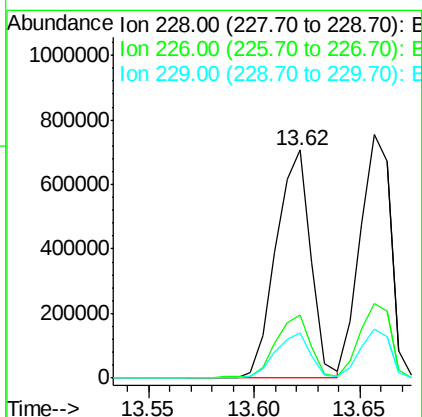
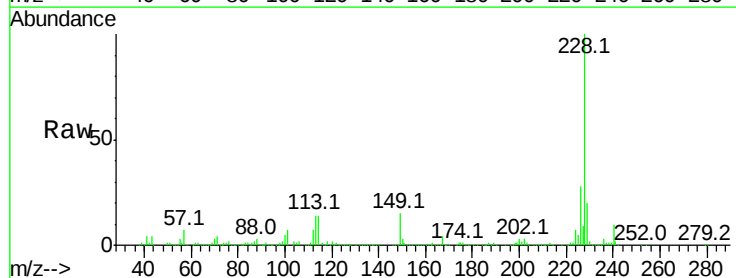
Instrument :
BNA_F
ClientSampleId :

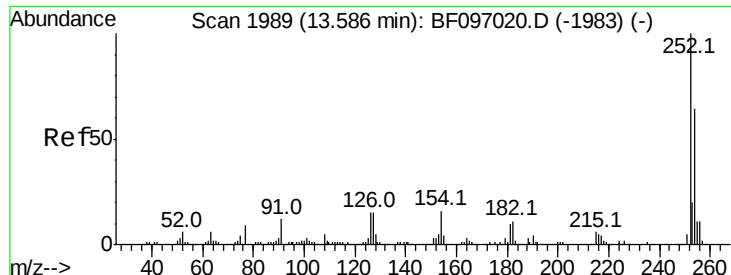
Tot Ion:149 Resp: 542989
Ion Ratio Lower Upper
149 100
91 75.3 45.0 67.4#
206 16.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 55.095 ng
RT: 13.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion:228 Resp: 807346
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 16.3 24.5

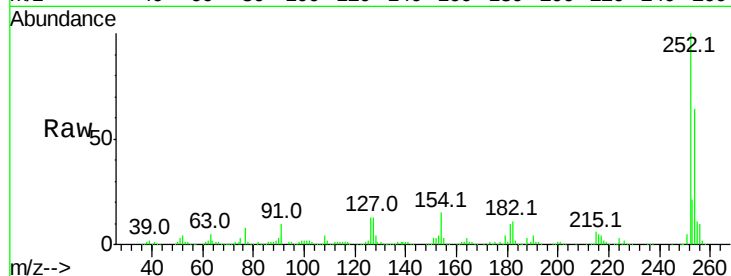




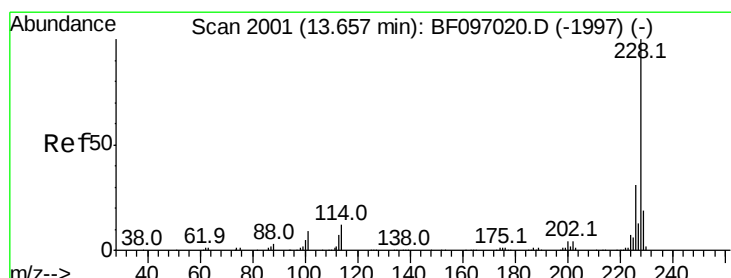
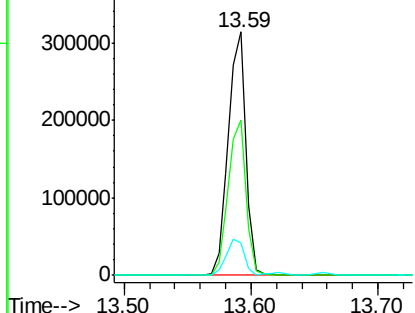
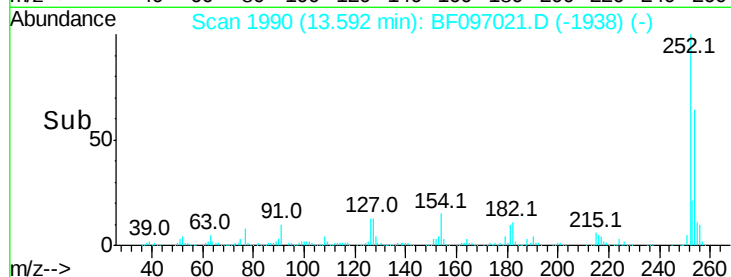
#81
 3,3'-Dichlorobenzidine
 Concen: 57.084 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	13.4	15.8	23.8

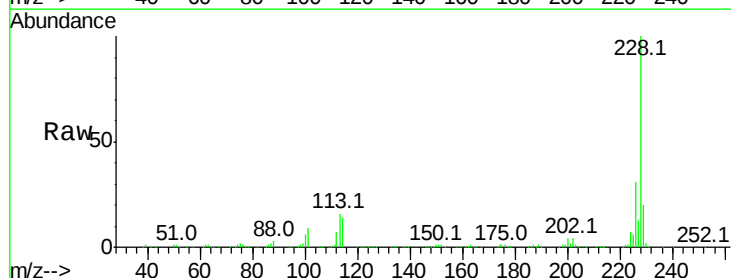


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

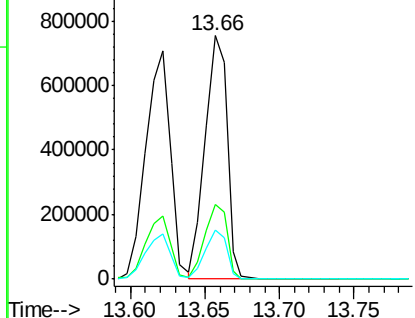
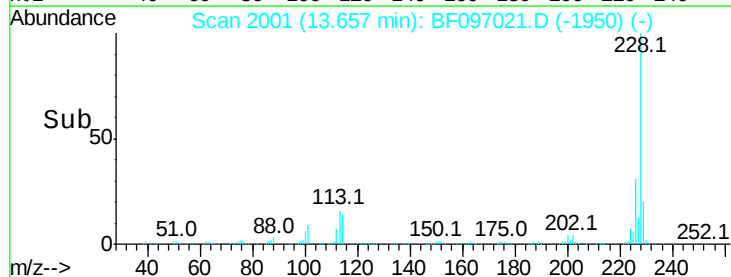


#82
 Chrysene
 Concen: 53.509 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.3	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

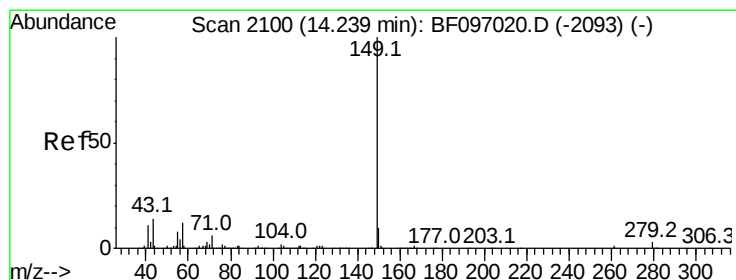
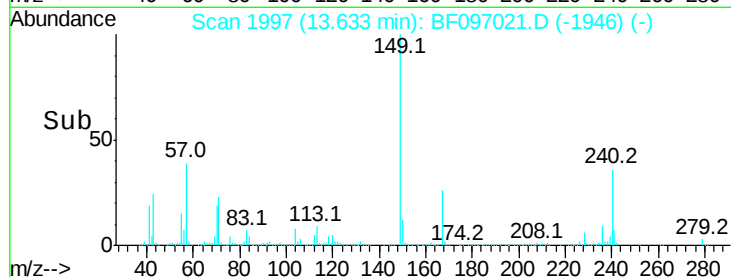
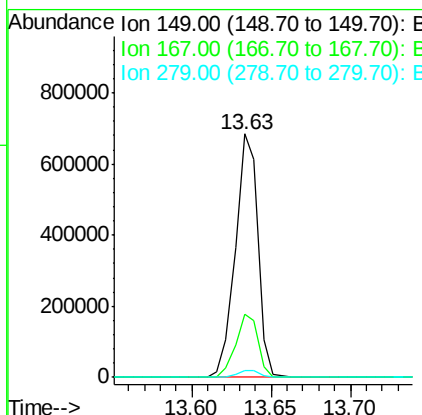
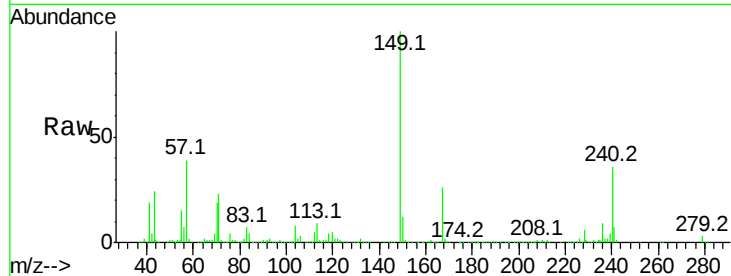




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.386 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

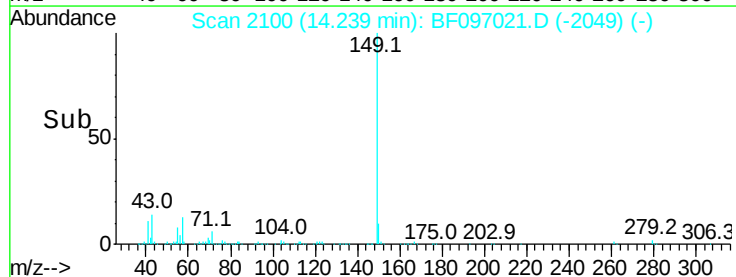
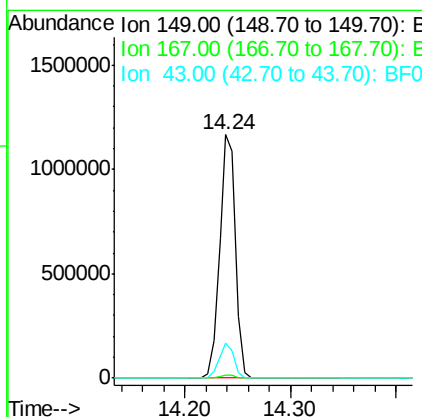
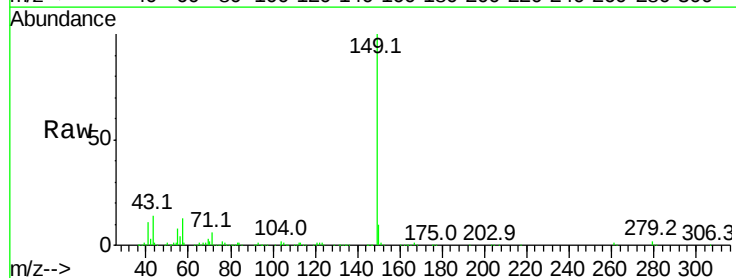
Instrument :
 BNA_F
 ClientSampleId :

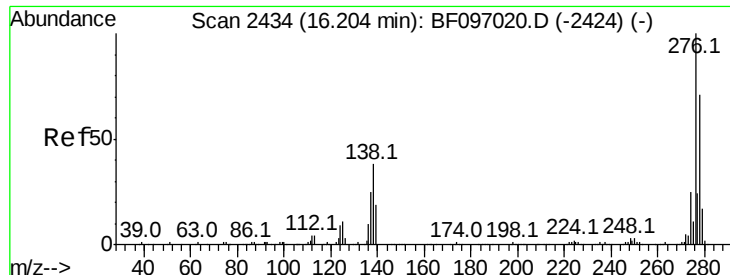
Tot Ion:149 Resp: 671671
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 59.827 ng
 RT: 14.24 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:149 Resp: 1221356
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 13.7 8.5 12.7#

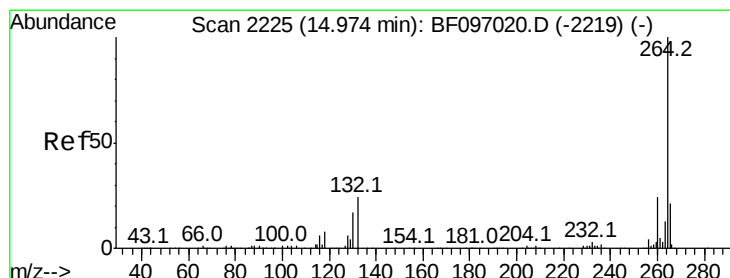
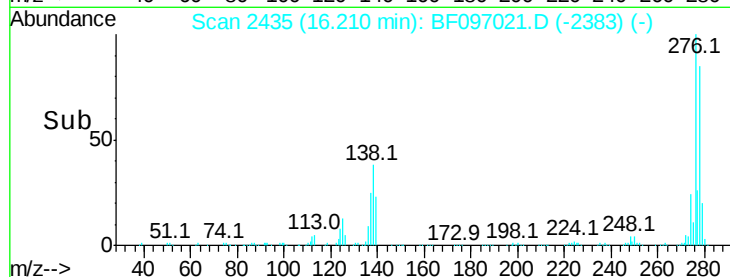
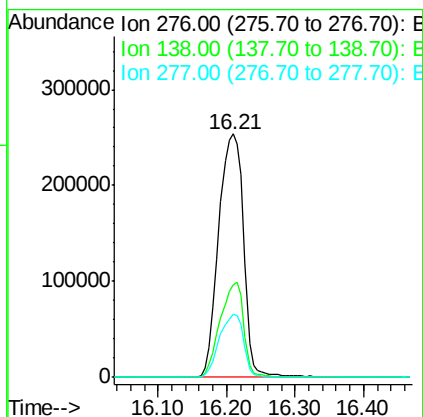
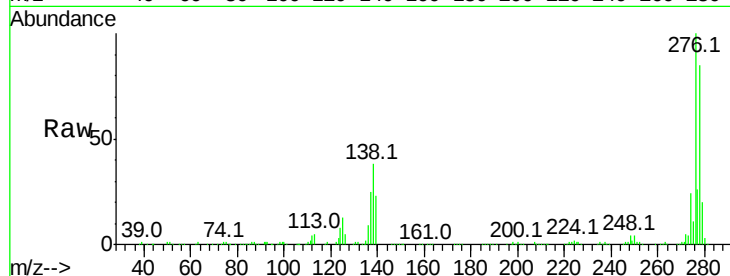




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.902 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. 0.01 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

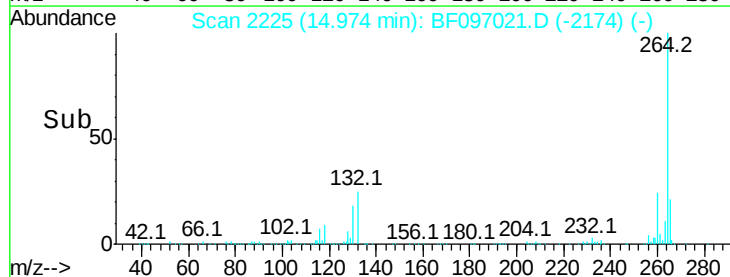
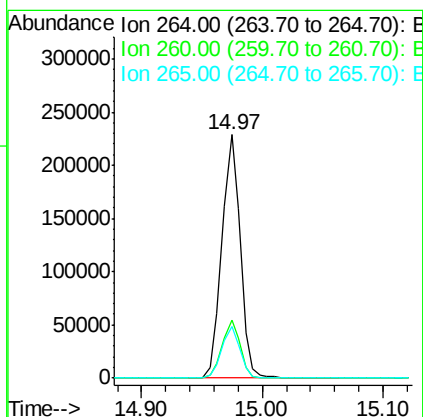
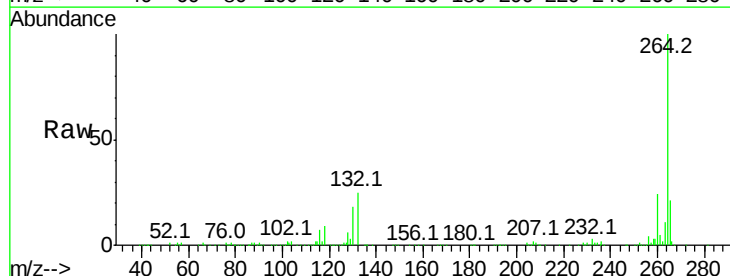
Instrument :
 BNA_F
 ClientSampleId :

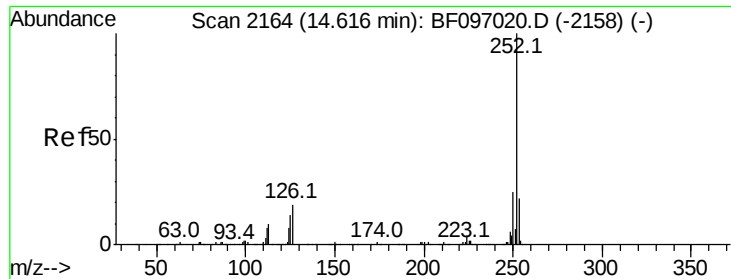
Tot Ion:276 Resp: 640266
 Ion Ratio Lower Upper
 276 100
 138 36.9 27.8 41.6
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF097021.D
 Acq: 25 Jul 2017 11:37

Tgt Ion:264 Resp: 241086
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.2 17.2 25.8

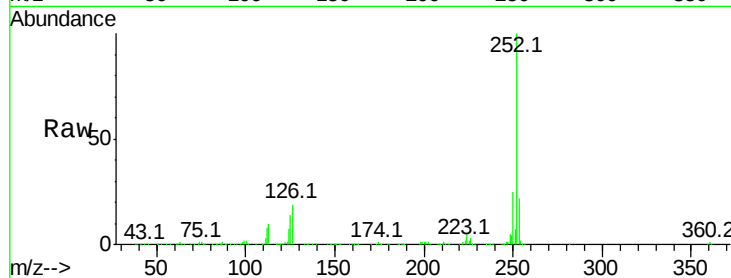




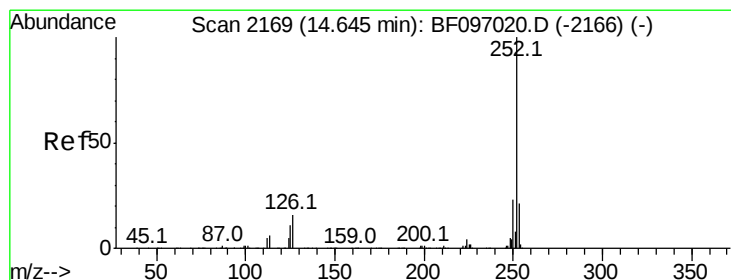
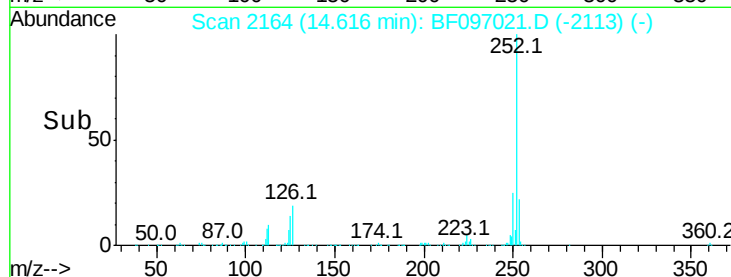
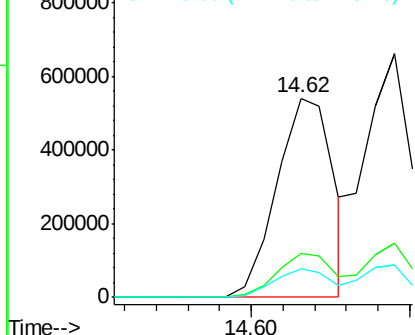
#87
Benzo(b)fluoranthene
Concen: 45.860 ng
RT: 14.62 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 666817
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 14.2 9.8 14.8

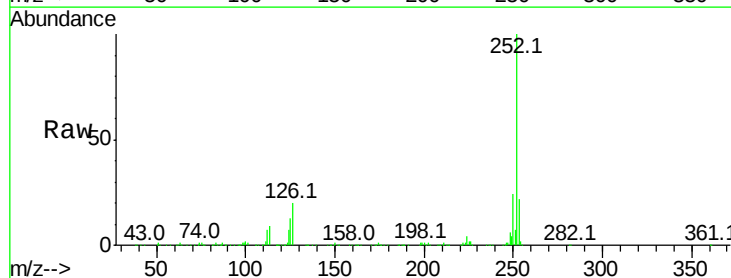


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

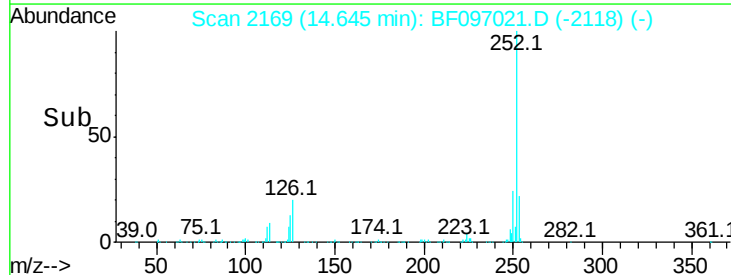
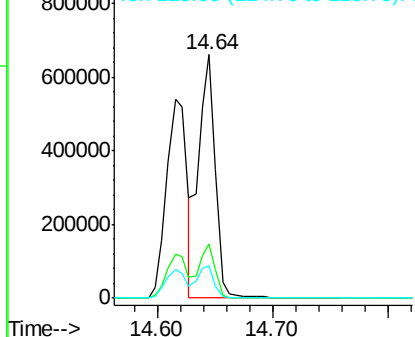


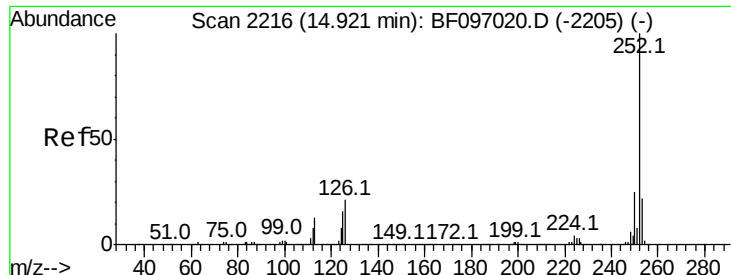
#88
Benzo(k)fluoranthene
Concen: 48.639 ng
RT: 14.64 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BF097021.D
Acq: 25 Jul 2017 11:37

Tgt Ion:252 Resp: 669700
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.2 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: 48.574 ng

RT: 14.93 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

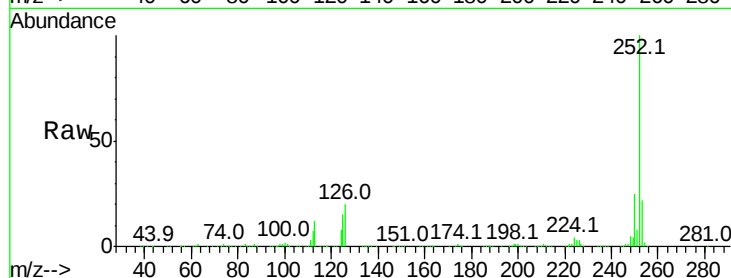
Tot Ion:252 Resp: 647779

Ion Ratio Lower Upper

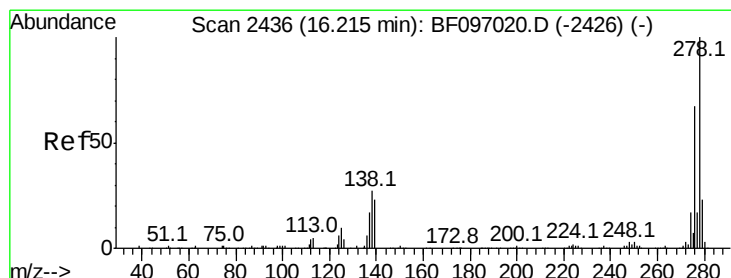
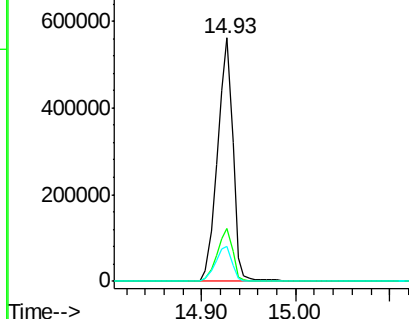
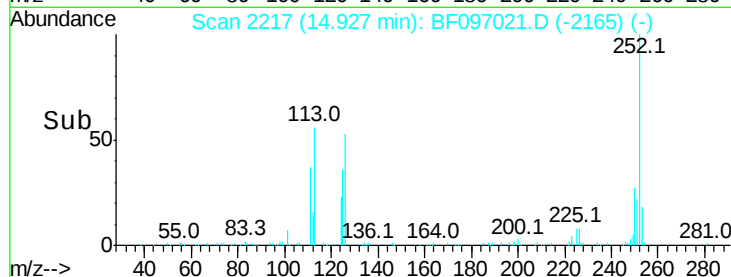
252 100

253 21.6 17.5 26.3

125 14.5 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 41.166 ng

RT: 16.22 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

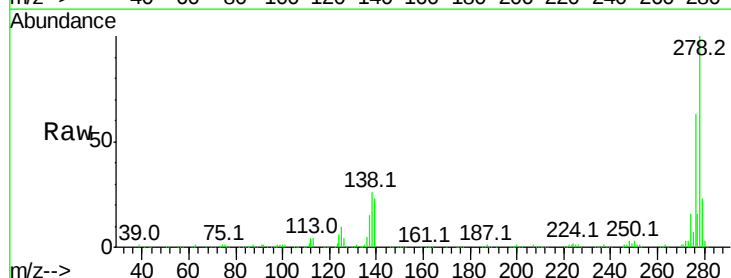
Tgt Ion:278 Resp: 505160

Ion Ratio Lower Upper

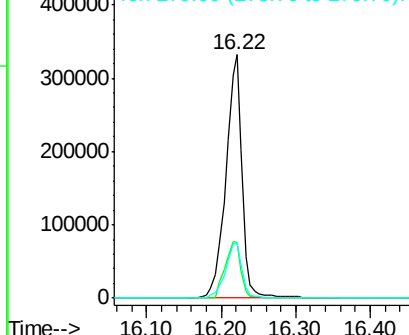
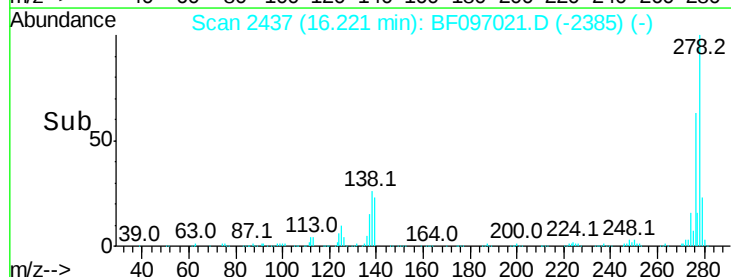
278 100

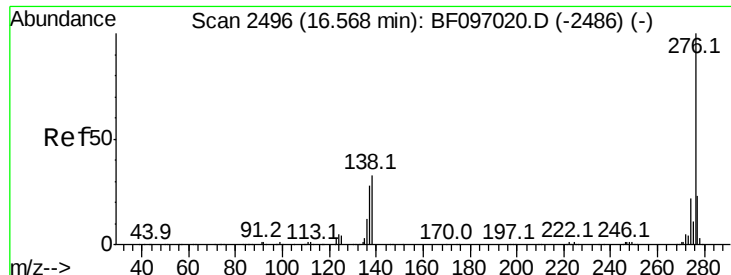
139 22.9 16.6 24.8

279 23.0 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: 42.358 ng

RT: 16.57 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF097021.D

Acq: 25 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

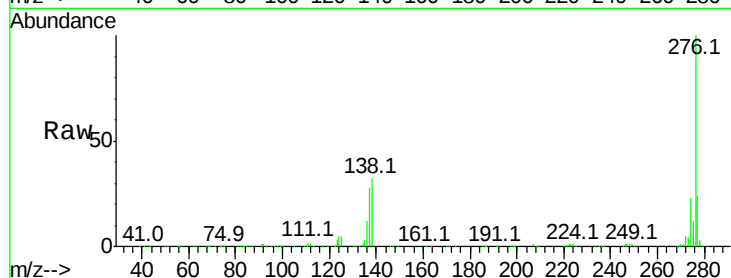
Tot Ion:276 Resp: 556604

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 32.0 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

