

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101097.D
 Acq On : 4 Dec 2017 14:55
 Operator : SJ/JU
 Sample : I6699-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 16:09:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53044	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	202285	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	91676	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	156823	20.00	ng	0.00
75) Chrysene-d12	14.03	240	114877	20.00	ng	0.00
86) Perylene-d12	15.50	264	119935	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	346253	107.87	ng	0.01
7) Phenol-d6	6.49	99	406870	104.40	ng	0.01
23) Nitrobenzene-d5	7.42	82	251770	74.25	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	104982	95.33	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	483288	72.13	ng	0.00
78) Terphenyl-d14	12.96	244	389379	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	43182	32.53	ng	98
3) Pyridine	3.45	79	116308	33.80	ng	98
4) n-Nitrosodimethylamine	3.40	42	61581	36.64	ng	# 88
6) Aniline	6.52	93	88183	17.40	ng	99
8) 2-Chlorophenol	6.64	128	124317	35.52	ng	95
9) Benzaldehyde	6.40	77	46840	19.64	ng	99
10) Phenol	6.50	94	156185	36.04	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	110948	34.13	ng	98
12) 1,3-Dichlorobenzene	6.79	146	143548	35.22	ng	95
13) 1,4-Dichlorobenzene	6.87	146	144050	34.14	ng	97
14) 1,2-Dichlorobenzene	7.02	146	135012	34.30	ng	96
15) Benzyl Alcohol	6.99	79	104163	34.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	177145	40.09	ng	97
17) 2-Methylphenol	7.10	107	100474	35.55	ng	97
18) Hexachloroethane	7.36	117	42551	31.39	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	82745	31.53	ng	96
20) 3+4-Methylphenols	7.26	107	127191	34.51	ng	# 69
22) Acetophenone	7.26	105	162175	33.18	ng	# 88
24) Nitrobenzene	7.43	77	123783	37.25	ng	99
25) Isophorone	7.67	82	218656	37.75	ng	99
26) 2-Nitrophenol	7.75	139	65149	35.71	ng	93
27) 2,4-Dimethylphenol	7.79	122	106568	40.38	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	137515	35.32	ng	98
29) 2,4-Dichlorophenol	7.99	162	106226	36.98	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	113492	35.93	ng	95
31) Naphthalene	8.16	128	351223	35.23	ng	98
32) Benzoic acid	7.86	122	5986	2.92	ng	97
33) 4-Chloroaniline	8.20	127	54908	13.71	ng	95
34) Hexachlorobutadiene	8.26	225	66480	34.31	ng	96
35) Caprolactam	8.57	113	18856	21.06	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	105668	35.51	ng	98
37) 2-Methylnaphthalene	8.85	142	237749	35.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	109172	32.78	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	22596	24.89	ng	96

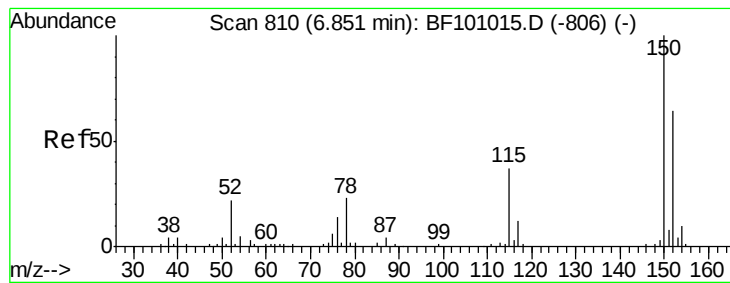
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	76596	39.23	nq	96
43) 2,4,5-Trichlorophenol	9.17	196	79658	38.17	nq	94
45) 1,1'-Biphenyl	9.31	154	273896	32.61	nq	97
46) 2-Chloronaphthalene	9.33	162	217572	36.47	nq	98
47) 2-Nitroaniline	9.43	65	65819	37.29	nq	98
48) Acenaphthylene	9.75	152	333527	34.02	nq	99
49) Dimethylphthalate	9.61	163	303893	41.10	nq	99
50) 2,6-Dinitrotoluene	9.67	165	55847	35.86	nq	97
51) Acenaphthene	9.92	154	196064	33.40	nq	97
52) 3-Nitroaniline	9.85	138	51236	29.26	nq	95
53) 2,4-Dinitrophenol	9.96	184	5679	11.49	nq	# 16
54) Dibenzofuran	10.10	168	292221	34.55	nq	98
55) 4-Nitrophenol	10.02	139	76330	64.63	nq	99
56) 2,4-Dinitrotoluene	10.09	165	71698	34.36	nq	# 86
57) Fluorene	10.44	166	226194	32.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	61252	36.65	nq	# 87
59) Diethylphthalate	10.31	149	252259	34.59	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	113023	33.29	nq	93
61) 4-Nitroaniline	10.46	138	49013	26.96	nq	96
62) Azobenzene	10.59	77	202973	32.80	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	9181	8.73	nq	88
65) n-Nitrosodiphenylamine	10.55	169	211370	38.20	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	68069	38.78	nq	# 84
67) Hexachlorobenzene	10.99	284	66860	35.54	nq	# 87
68) Atrazine	11.07	200	65522	38.61	nq	96
69) Pentachlorophenol	11.19	266	61148	59.11	nq	98
70) Phenanthrene	11.41	178	379375	43.93	nq	99
71) Anthracene	11.46	178	328777	37.62	nq	100
72) Carbazole	11.61	167	262169	32.83	nq	99
73) Di-n-butylphthalate	11.93	149	358034	35.77	nq	99
74) Fluoranthene	12.60	202	443009	46.28	nq	96
76) Benzidine	12.72	184	89686	24.01	nq	98
77) Pyrene	12.83	202	420774	53.08	nq	98
79) Butylbenzylphthalate	13.43	149	128070	36.65	nq	# 90
80) Benzo(a)anthracene	14.02	228	327894	45.21	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	63845	25.42	nq	# 97
82) Chrysene	14.05	228	296859	44.07	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	203041	40.75	nq	99
84) Di-n-octyl phthalate	14.60	149	306179	36.90	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	252479	42.16	nq	# 91
87) Benzo(b)fluoranthene	15.07	252	338259	47.09	nq	99
88) Benzo(k)fluoranthene	15.10	252	245741	34.72	nq	96
89) Benzo(a)pyrene	15.44	252	274935	42.10	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	193420	33.59	nq	# 93
91) Benzo(g,h,i)perylene	17.44	276	202903	37.39	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

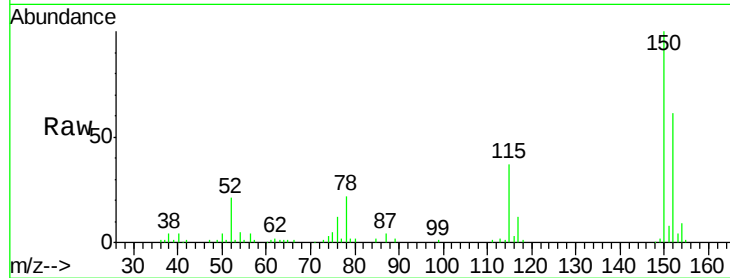
Tot Ion:152 Resp: 53044

Ion Ratio Lower Upper

152 100

150 164.7 124.6 186.8

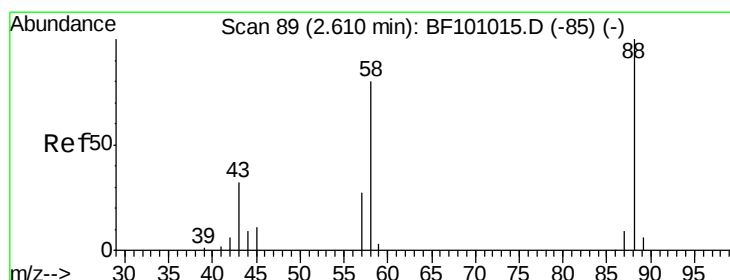
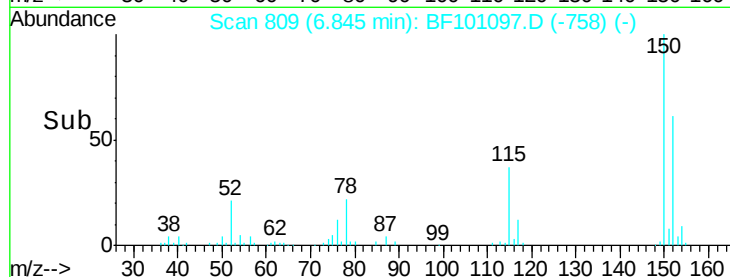
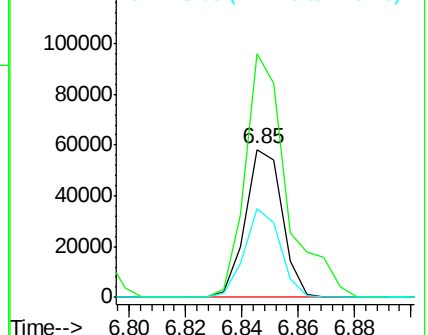
115 60.2 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.53 ng

RT: 2.68 min Scan# 100

Delta R.T. 0.09 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

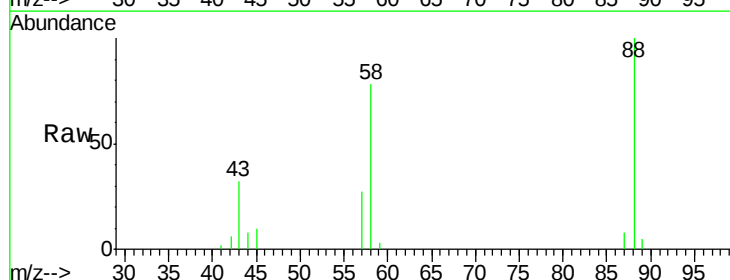
Tgt Ion: 88 Resp: 43182

Ion Ratio Lower Upper

88 100

58 78.0 62.6 93.8

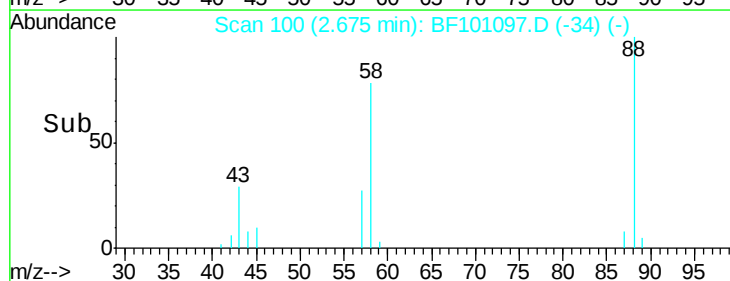
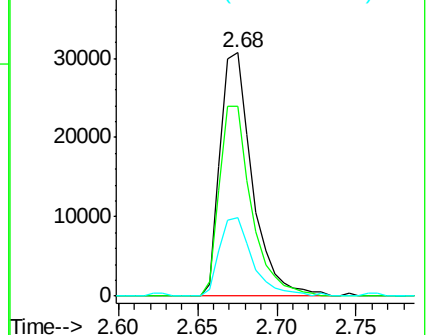
43 33.4 24.6 37.0

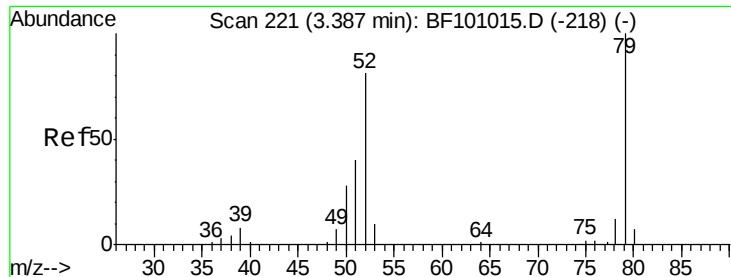


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

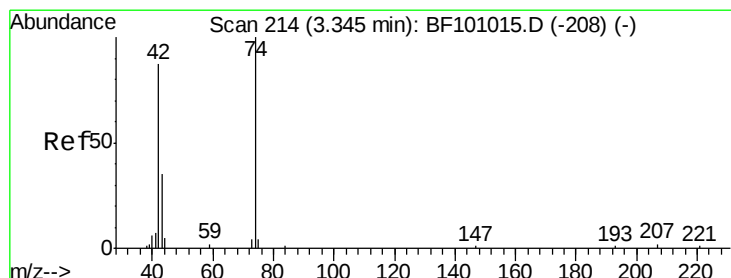
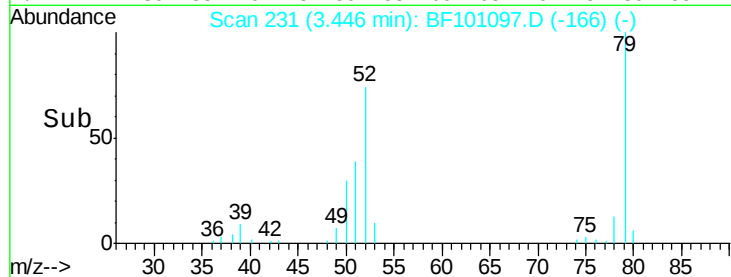
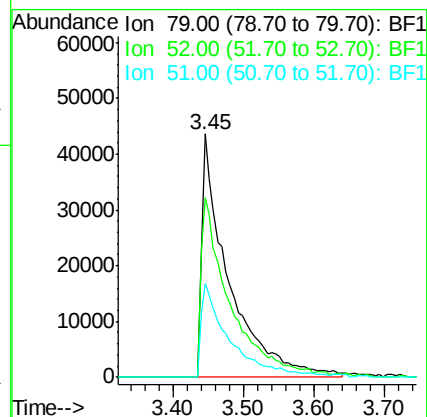
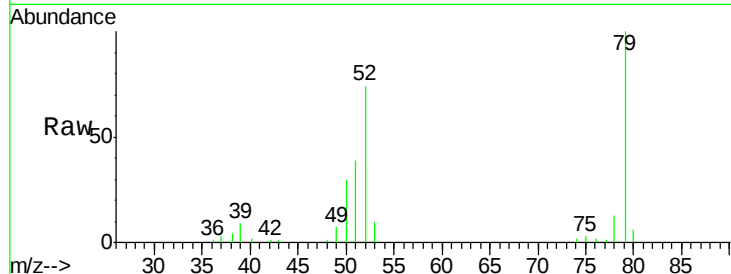




#3
 Pvridine
 Concen: 33.80 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

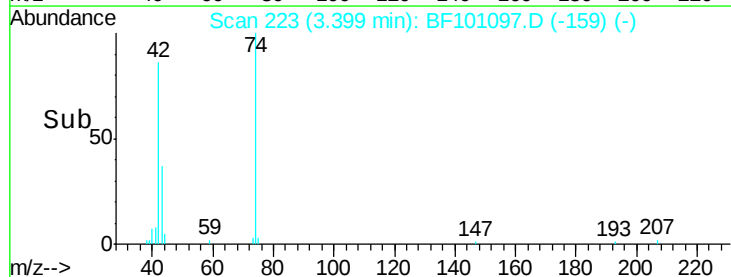
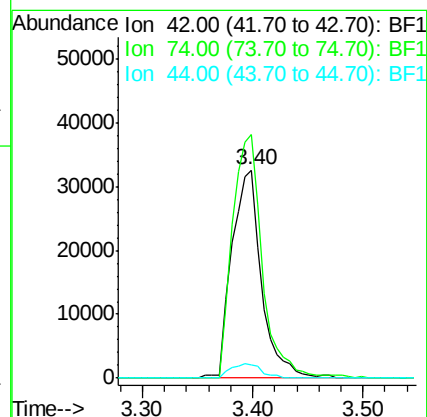
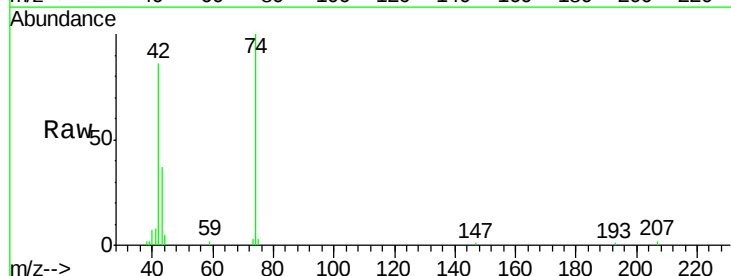
Instrument :
 BNA_F
 ClientSampleId :

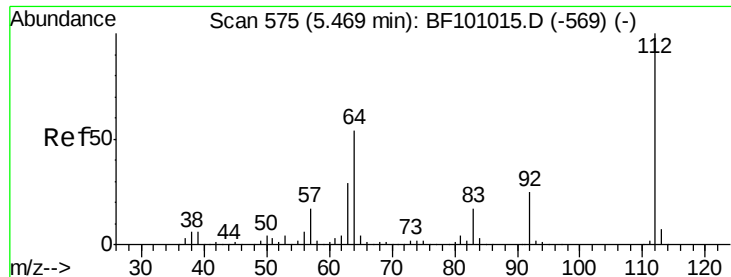
Tot Ion: 79 Resp: 116308
 Ion Ratio Lower Upper
 79 100
 52 73.6 59.8 89.6
 51 38.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.64 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion: 42 Resp: 61581
 Ion Ratio Lower Upper
 42 100
 74 116.9 104.9 157.3
 44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 107.87 ng

RT: 5.47 min Scan# 576

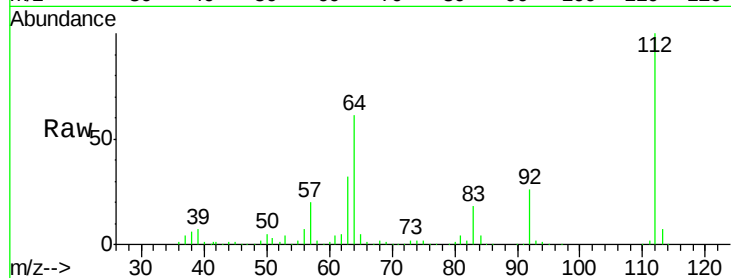
Delta R.T. 0.01 min

Lab File: BF101097.D

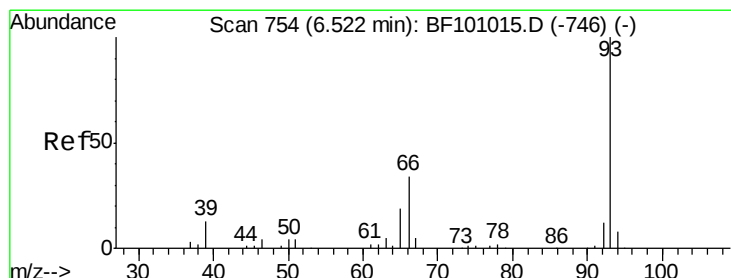
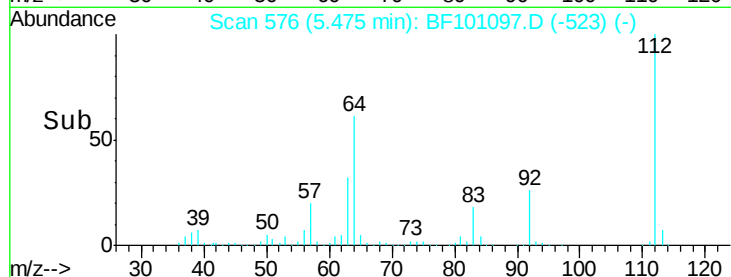
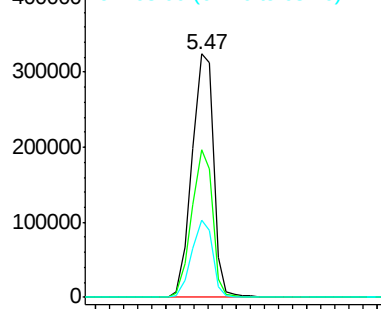
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	346253
Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 17.40 ng

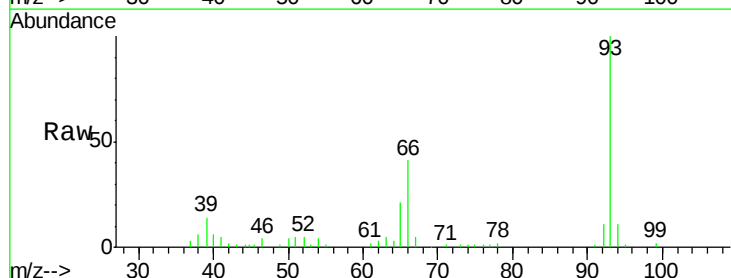
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

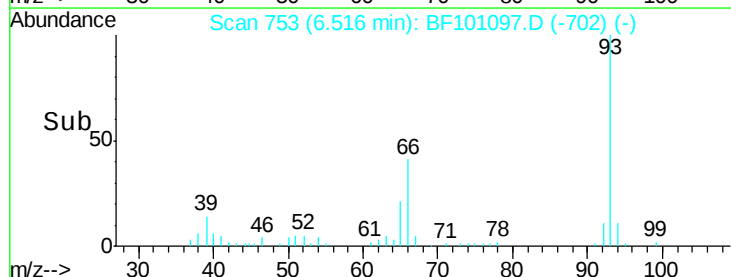
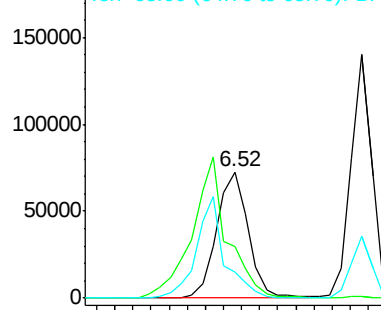
Lab File: BF101097.D

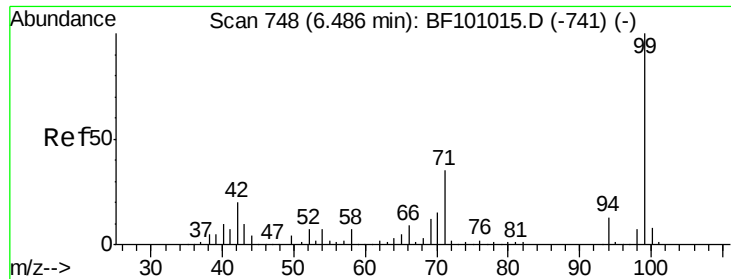
Acq: 4 Dec 2017 14:55

Tgt Ion:	93	Resp:	88183
Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.2	48.2
65	20.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 104.40 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

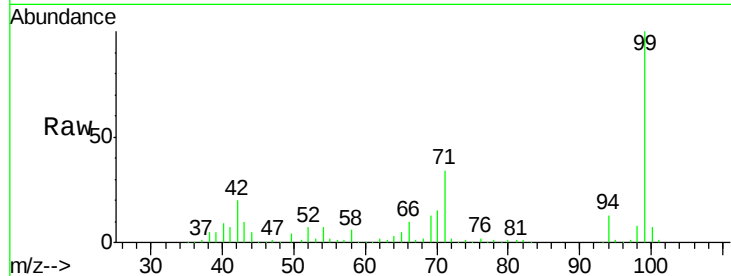
Tot Ion: 99 Resp: 406870

Ion Ratio Lower Upper

99 100

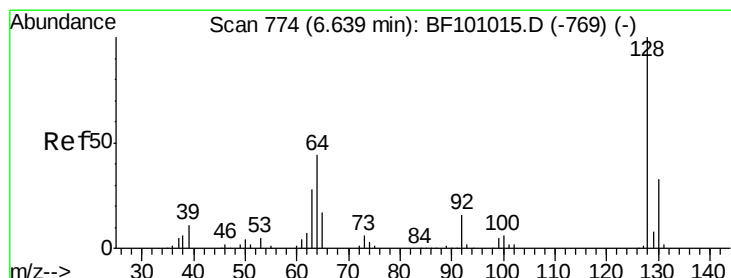
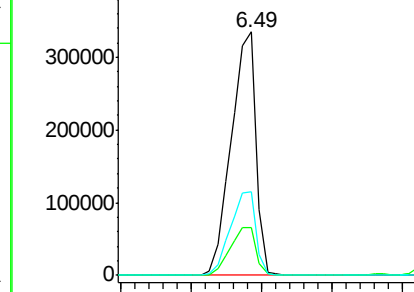
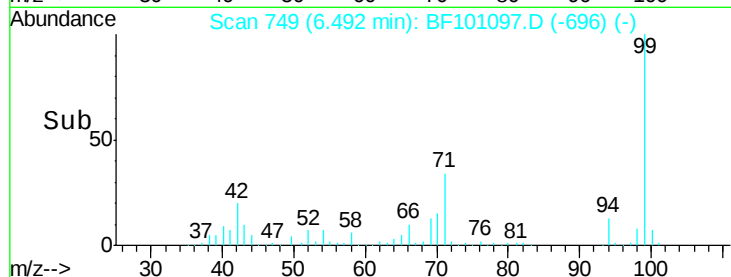
42 19.9 14.5 21.7

71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.49



#8

2-Chlorophenol

Concen: 35.52 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

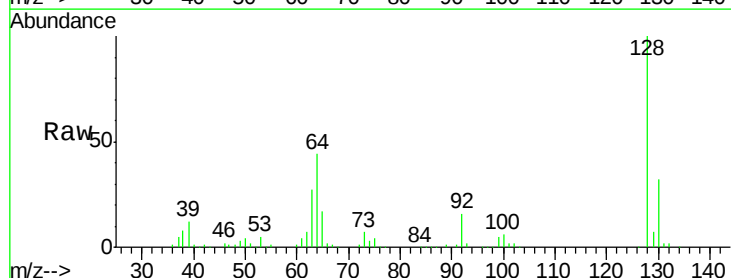
Tgt Ion: 128 Resp: 124317

Ion Ratio Lower Upper

128 100

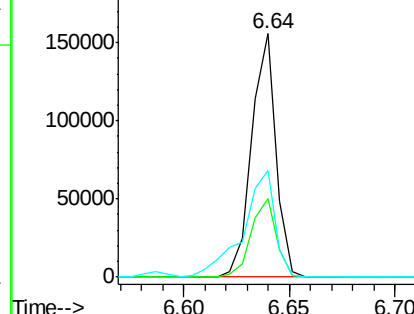
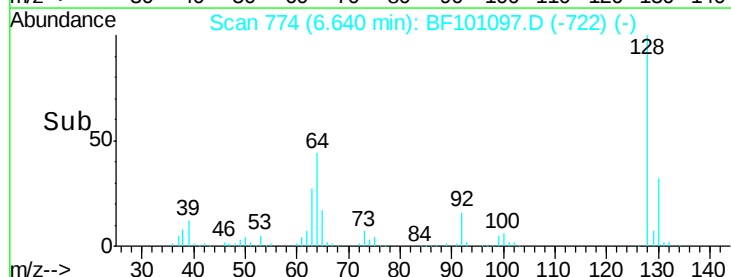
130 32.1 13.0 53.0

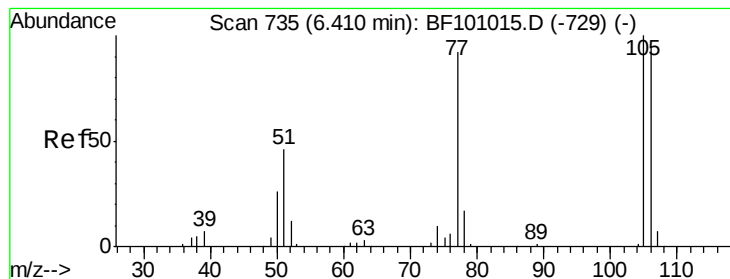
64 43.9 29.4 69.4



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): BF1

6.64





#9

Benzaldehyde

Concen: 19.64 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

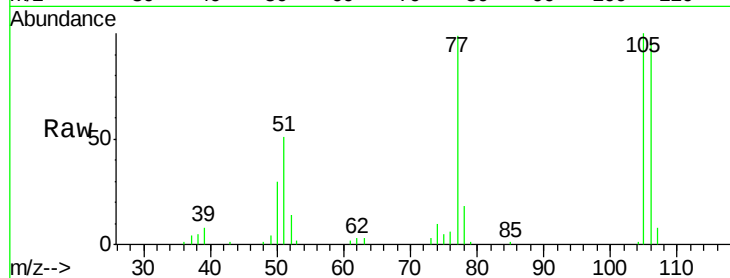
Tot Ion: 77 Resp: 46840

Ion Ratio Lower Upper

77 100

105 100.8 81.1 121.1

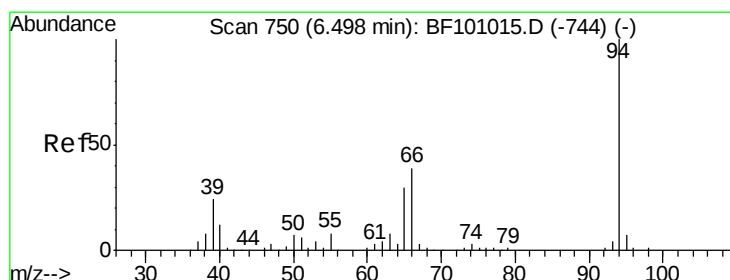
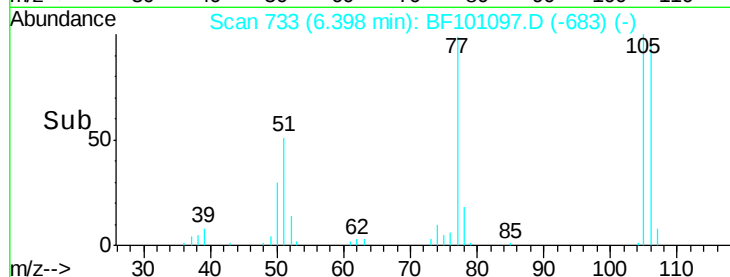
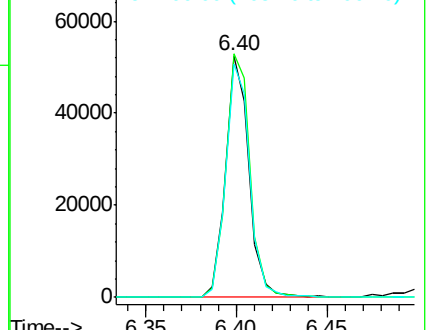
106 96.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.04 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

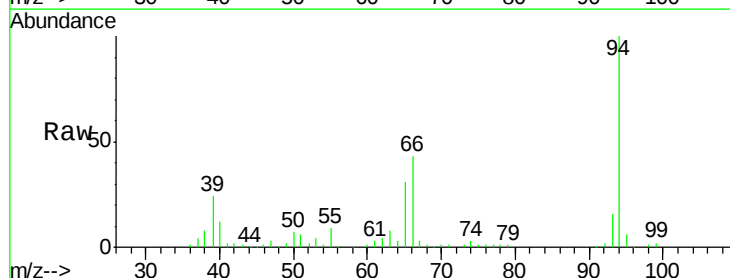
Tgt Ion: 94 Resp: 156185

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

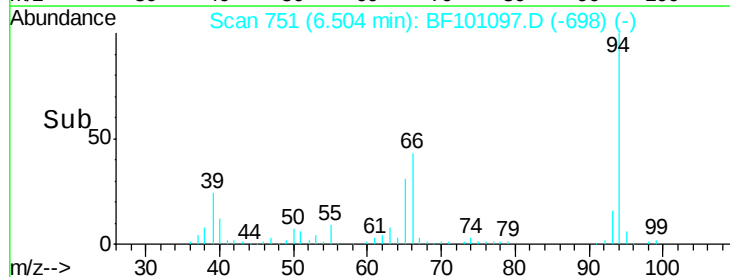
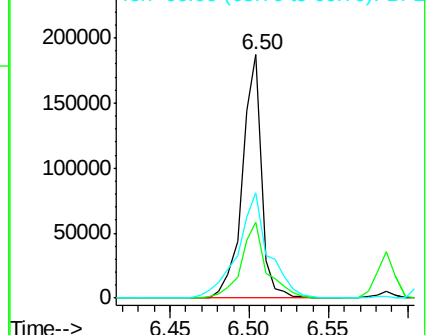
66 43.5 16.2 56.2

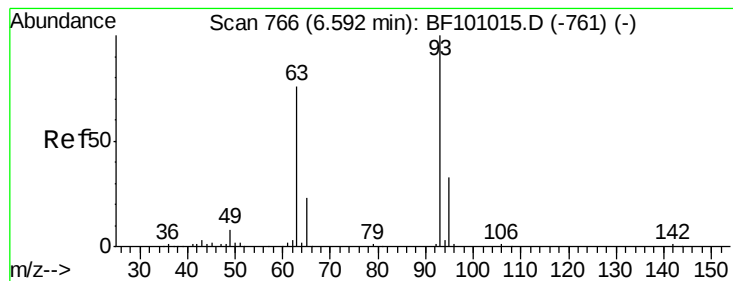


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

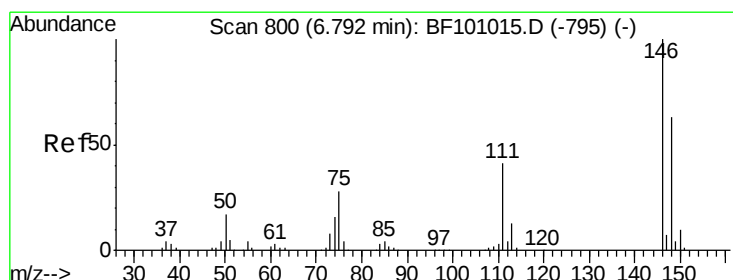
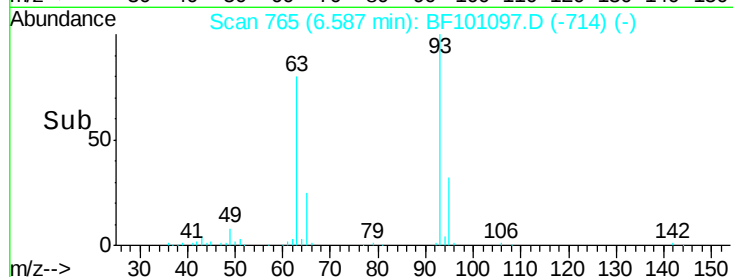
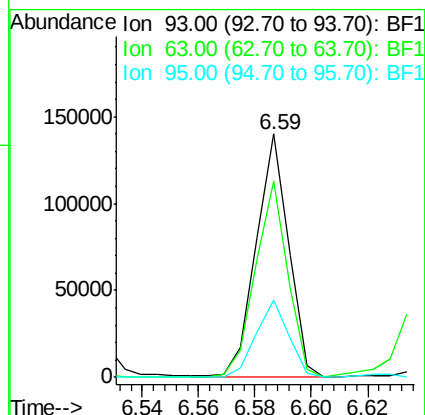
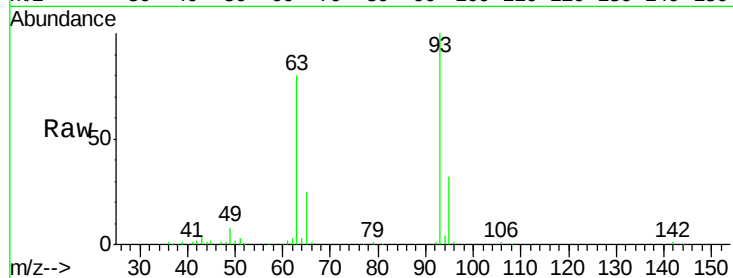




#11
bis(2-Chloroethyl)ether
Concen: 34.13 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

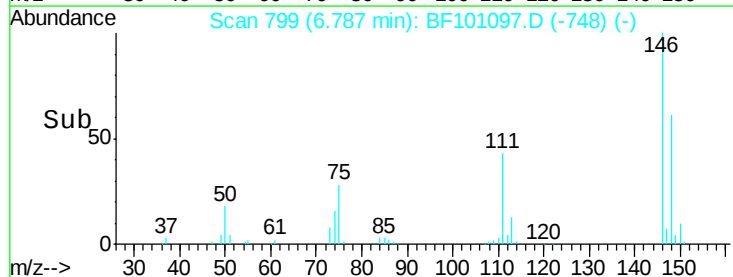
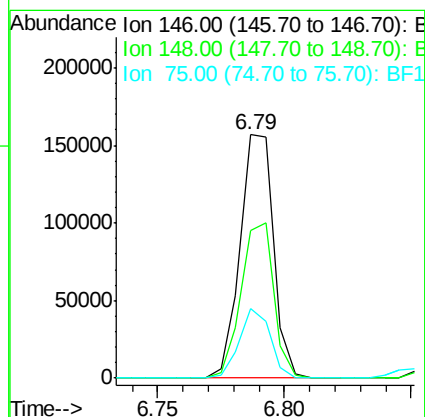
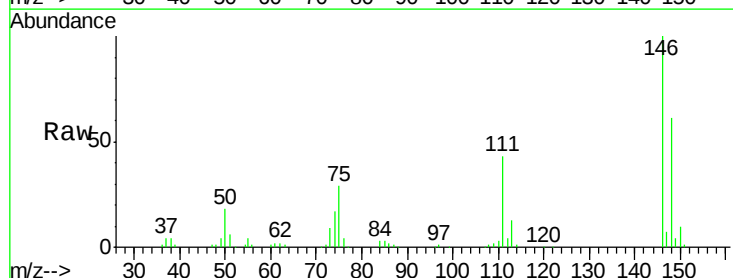
Instrument :
BNA_F
ClientSampleId :

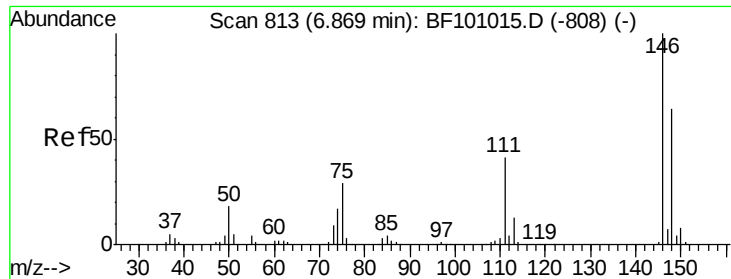
Tot Ion: 93 Resp: 110948
Ion Ratio Lower Upper
93 100
63 80.4 58.6 98.6
95 31.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.22 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion: 146 Resp: 143548
Ion Ratio Lower Upper
146 100
148 60.6 51.8 77.8
75 28.5 24.2 36.4

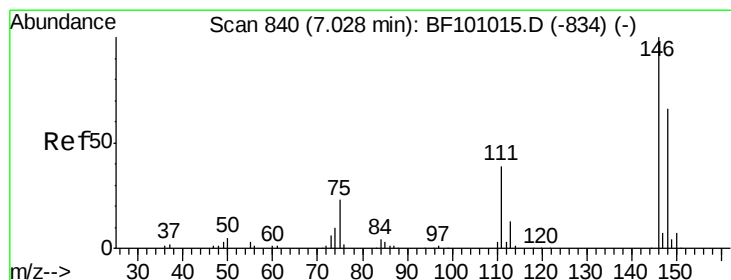
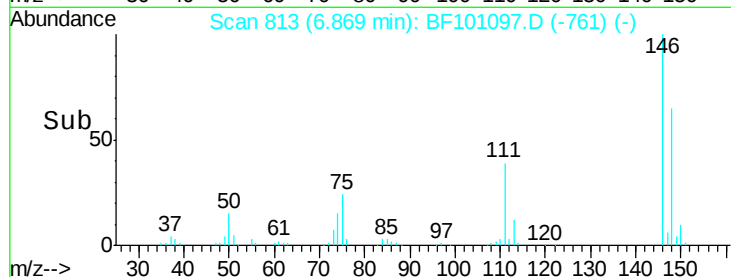
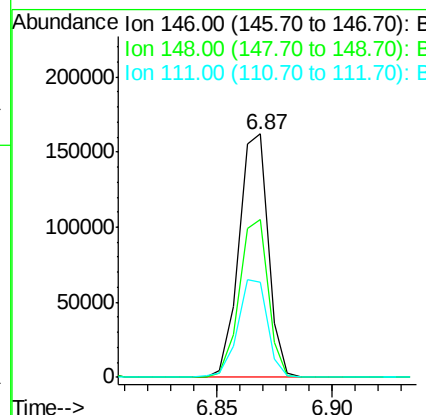
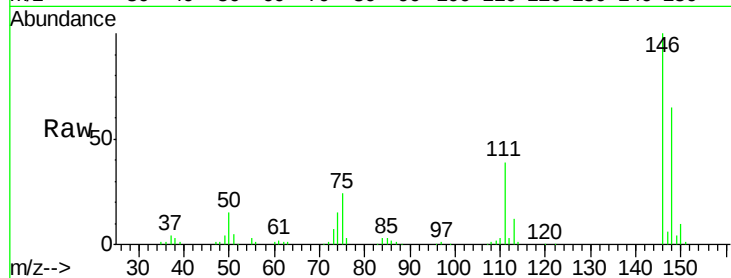




#13
 1,4-Dichlorobenzene
 Concen: 34.14 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

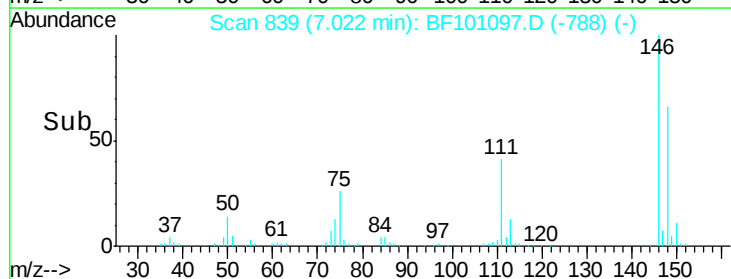
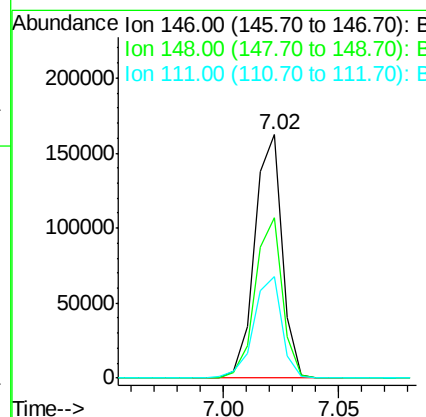
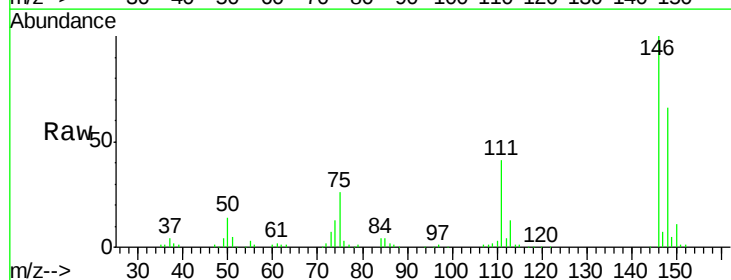
Instrument :
 BNA_F
 ClientSampleId :

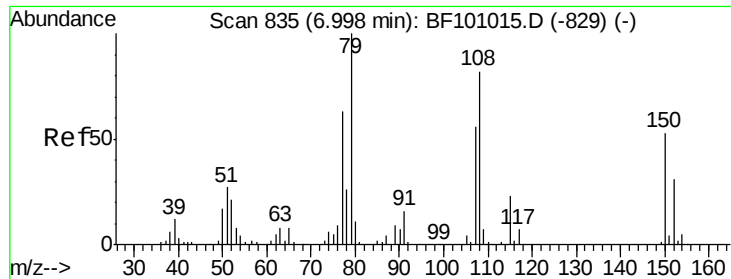
Tot Ion:146 Resp: 144050
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 39.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.30 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:146 Resp: 135012
 Ion Ratio Lower Upper
 146 100
 148 66.0 50.6 75.8
 111 41.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.60 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

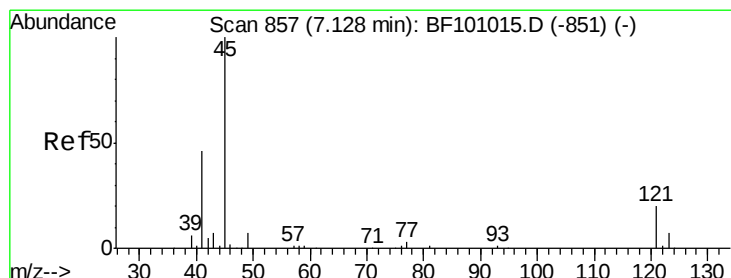
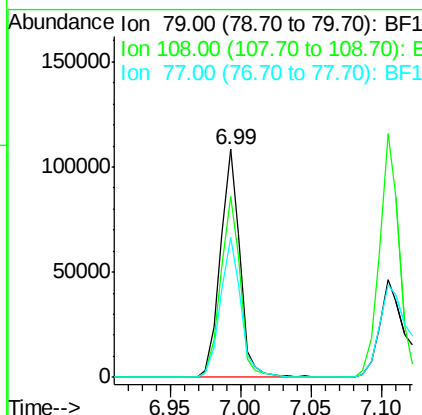
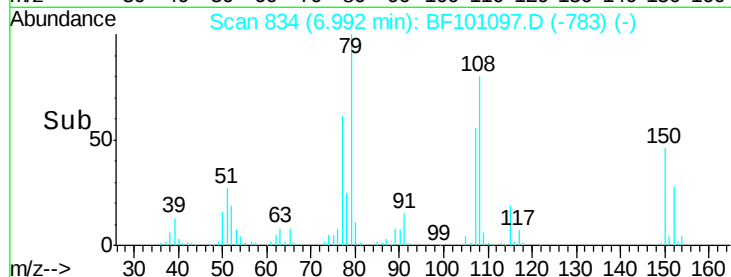
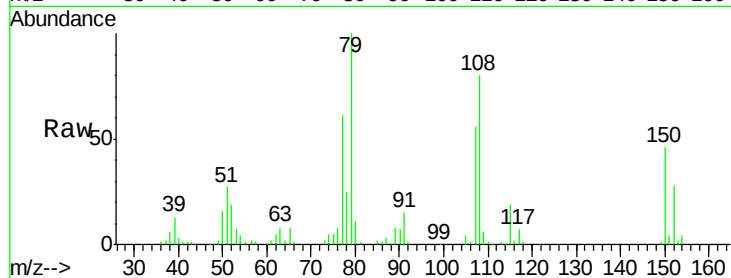
Tot Ion: 79 Resp: 104163

Ion Ratio Lower Upper

79 100

108 79.7 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.09 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

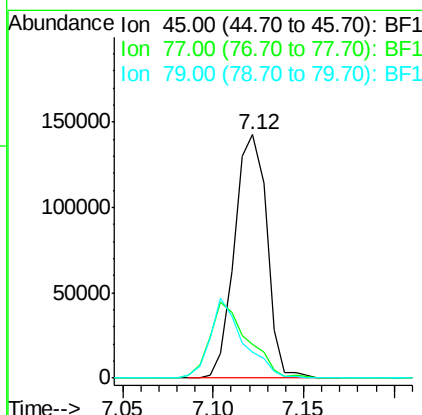
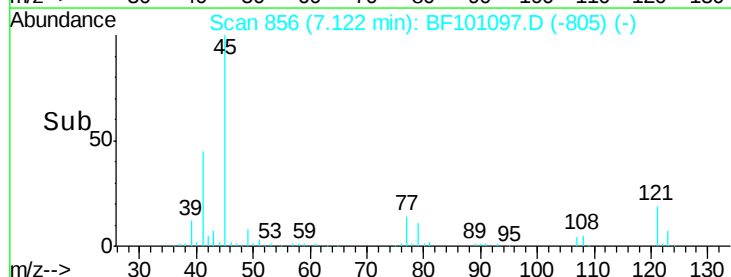
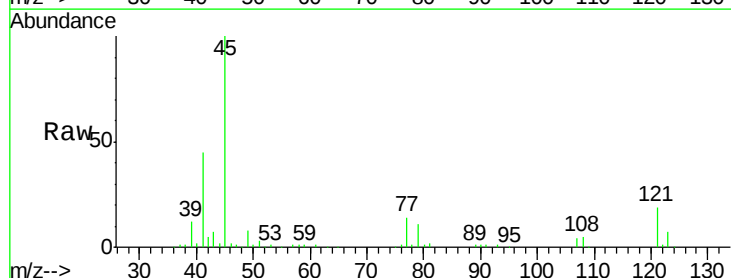
Tgt Ion: 45 Resp: 177145

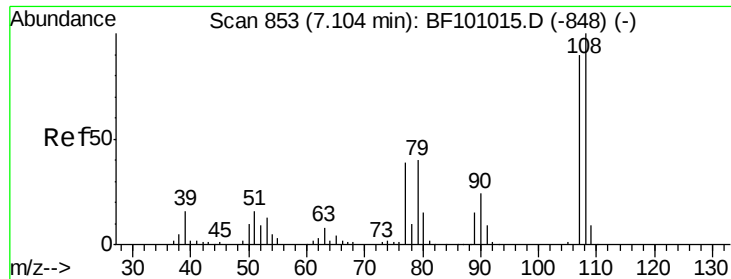
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 10.9 0.0 29.6

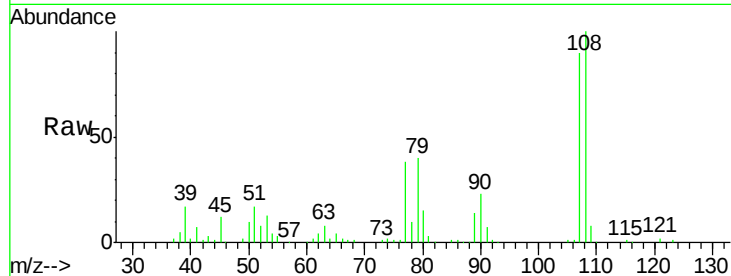




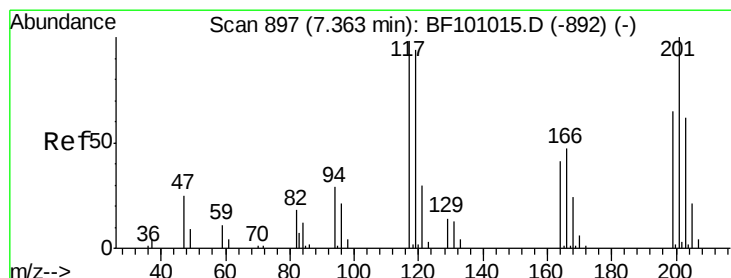
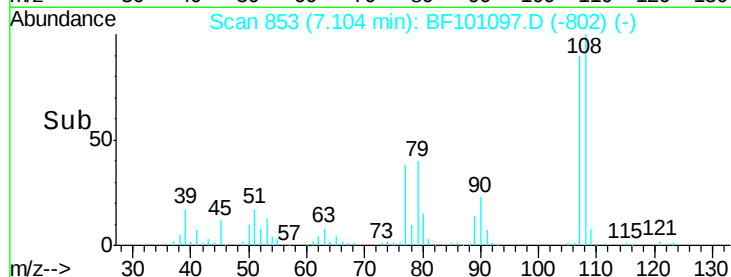
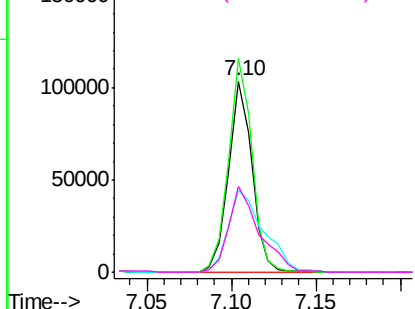
#17
2-Methylphenol
Concen: 35.55 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 100474
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 42.6 33.8 50.8
79 45.0 33.8 50.8

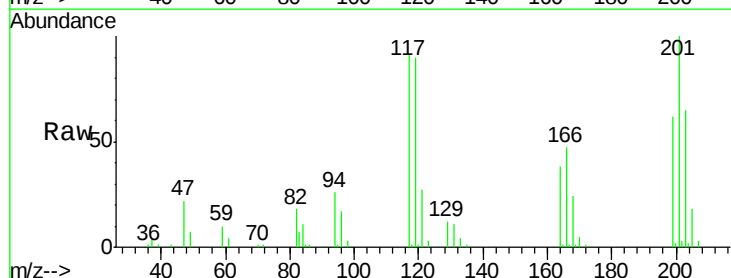


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

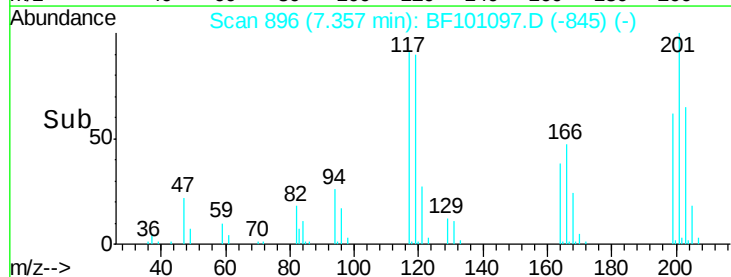
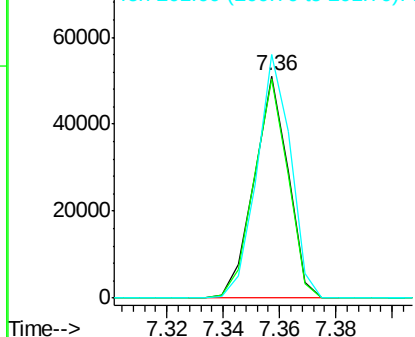


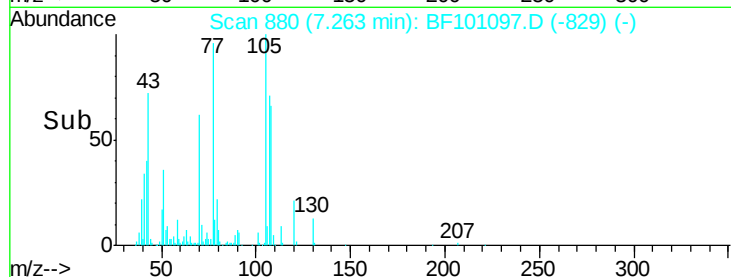
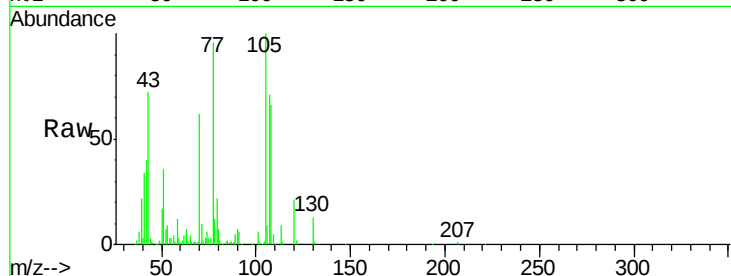
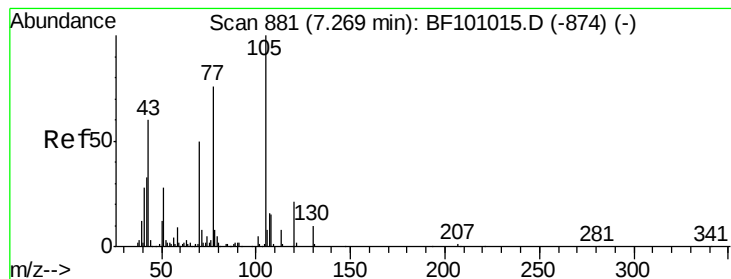
#18
Hexachloroethane
Concen: 31.39 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:117 Resp: 42551
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.8
201 109.7 75.7 113.5



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: 31.53 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 82745

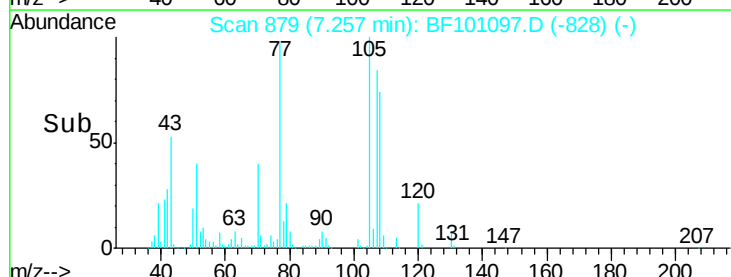
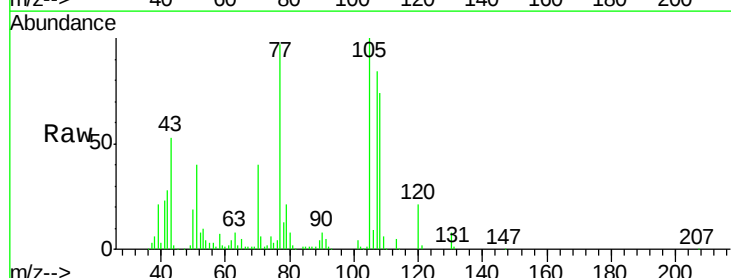
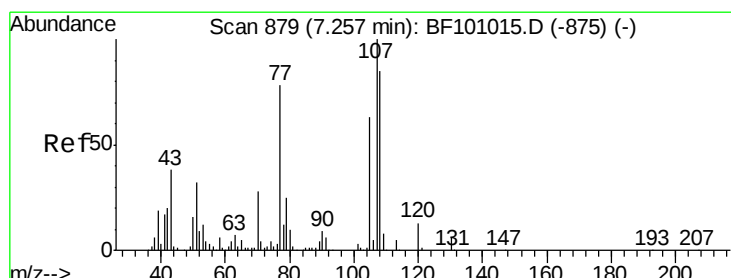
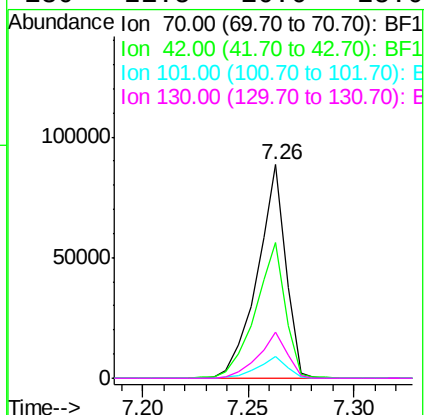
Ion Ratio Lower Upper

70 100

42 63.7 47.5 71.3

101 10.3 7.4 11.2

130 21.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 34.51 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Tgt Ion: 107 Resp: 127191

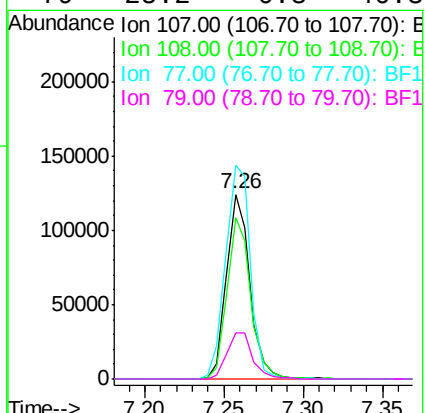
Ion Ratio Lower Upper

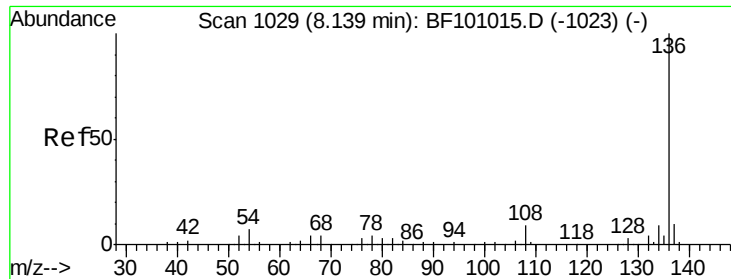
107 100

108 87.3 68.2 108.2

77 115.5 26.7 66.7#

79 25.2 6.3 46.3

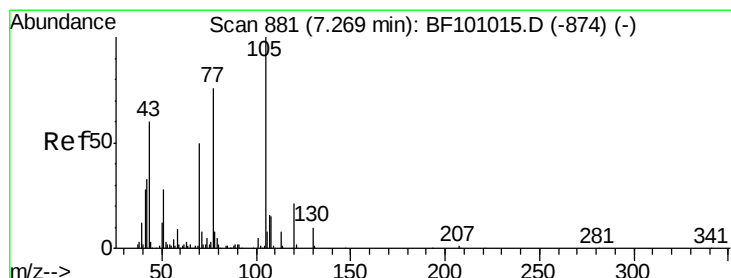
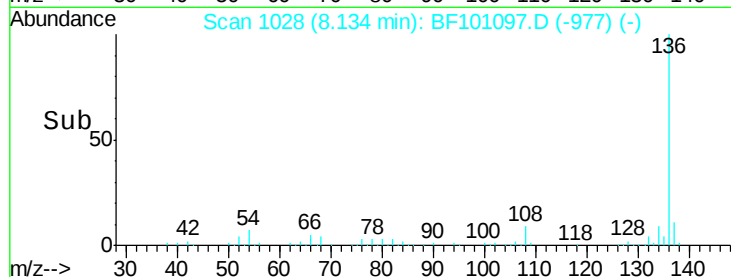
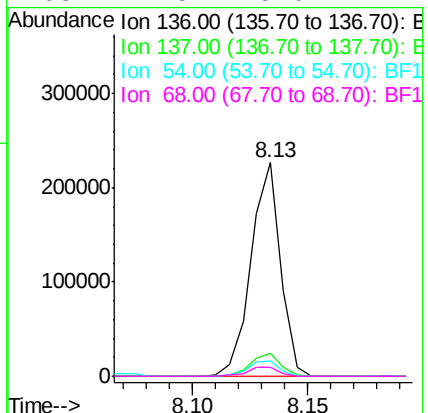
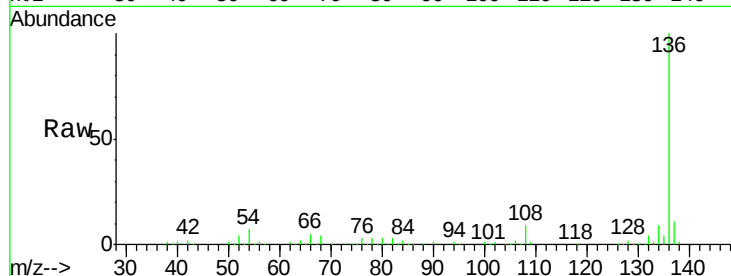




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

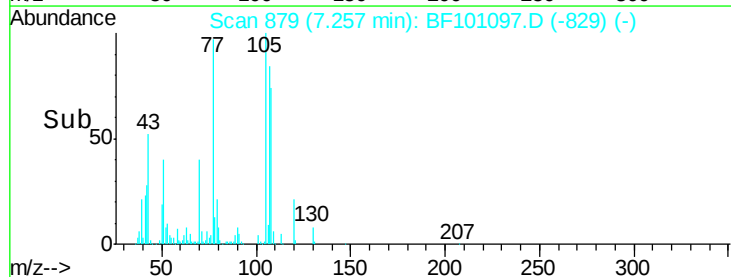
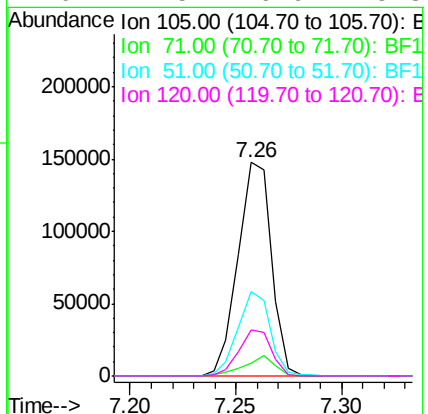
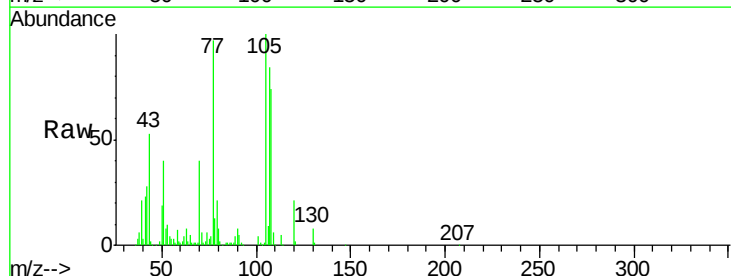
Instrument :
BNA_F
ClientSampleId :

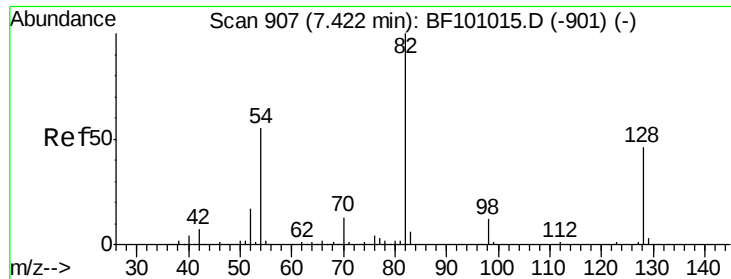
Tot Ion:136	Resp:	202285
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.4	6.6 9.8
68	4.5	5.0 7.4#



#22
Acetophenone
Concen: 33.18 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:105	Resp:	162175
Ion Ratio	Lower	Upper
105	100	
71	6.2	4.4 6.6
51	39.6	22.3 33.5#
120	21.5	16.9 25.3

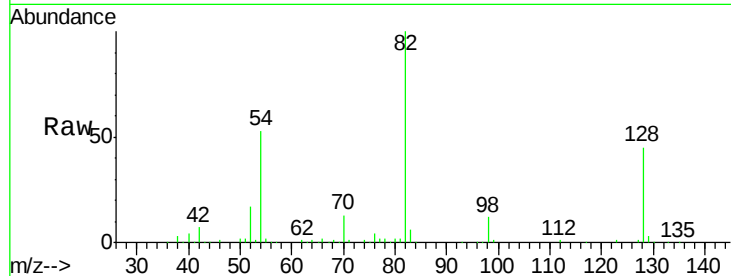




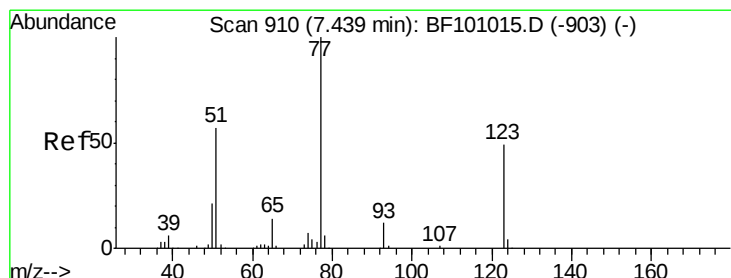
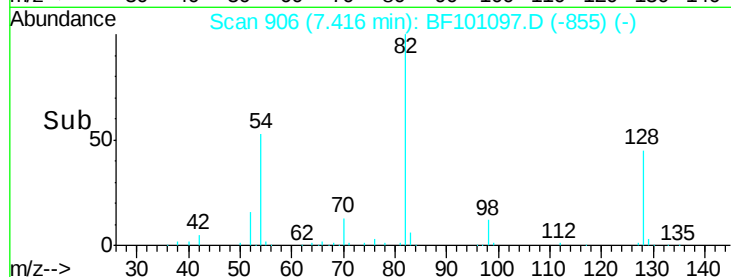
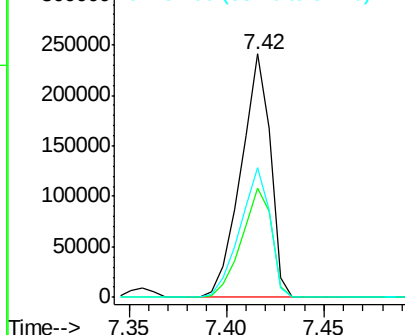
#23
Nitrobenzene-d5
Concen: 74.25 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 251770
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 53.2 41.4 62.2

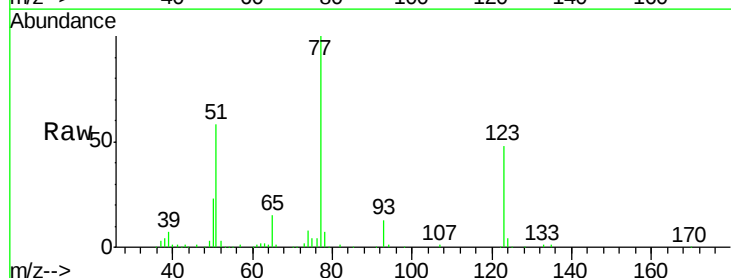


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

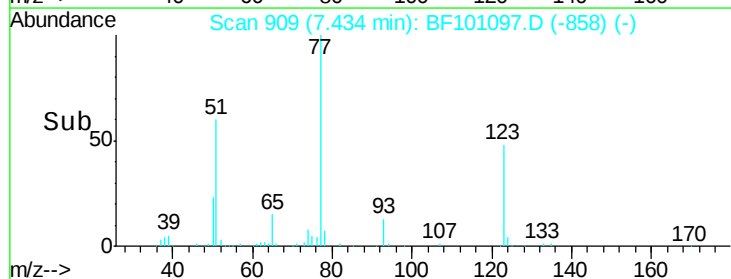
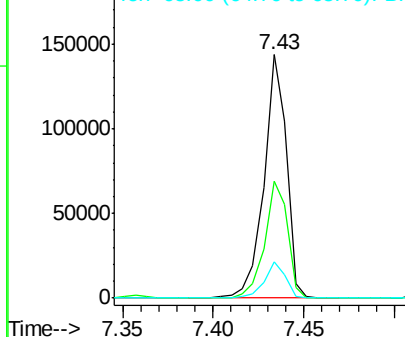


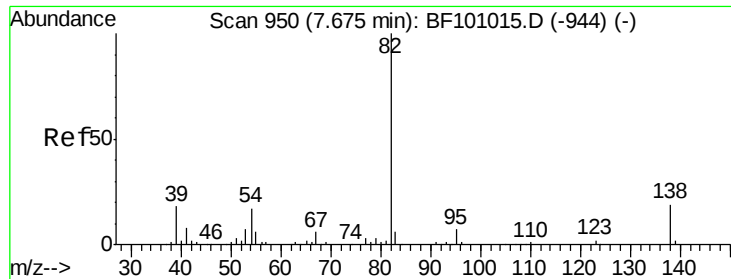
#24
Nitrobenzene
Concen: 37.25 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion: 77 Resp: 123783
Ion Ratio Lower Upper
77 100
123 48.2 37.9 56.9
65 14.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.75 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

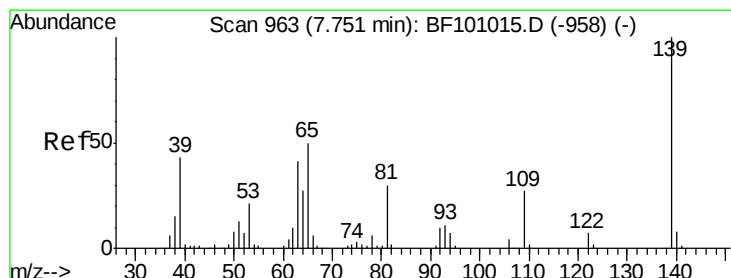
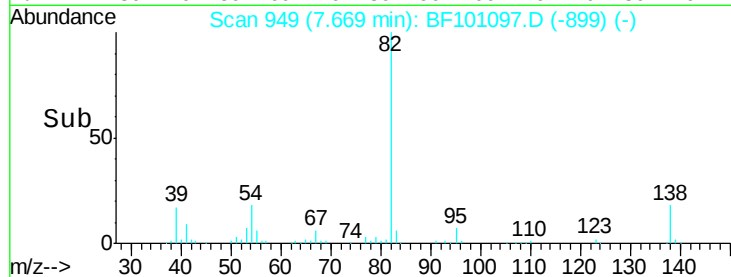
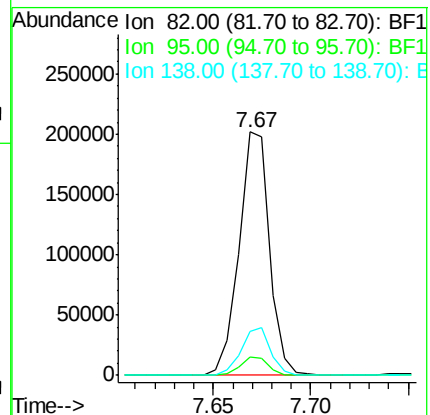
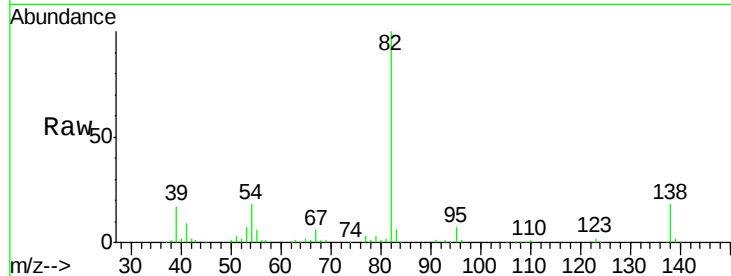
Tot Ion: 82 Resp: 218656

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 35.71 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

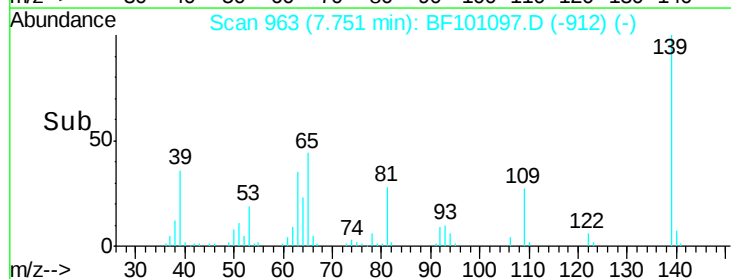
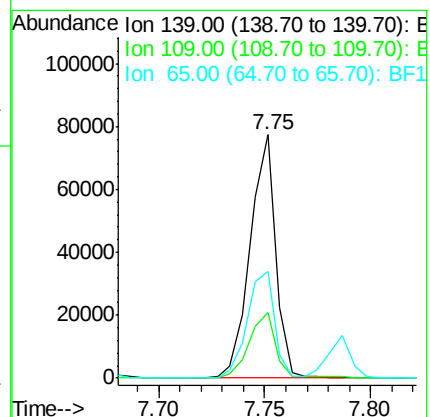
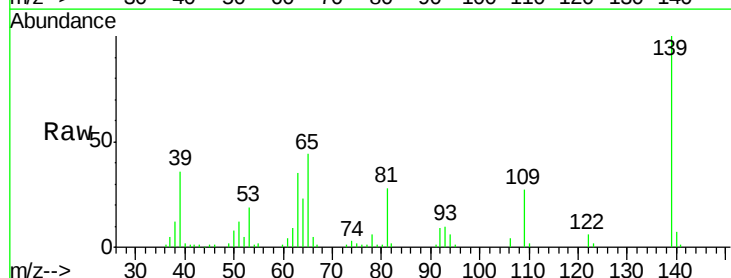
Tgt Ion: 139 Resp: 65149

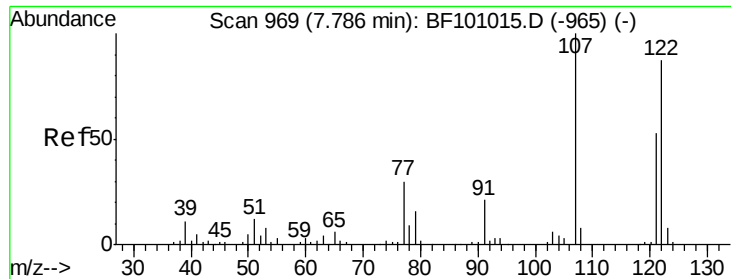
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 44.1 40.5 60.7

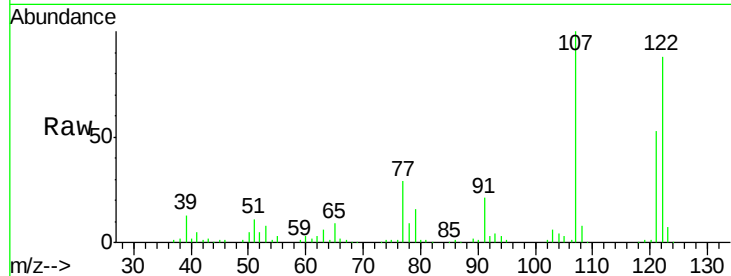




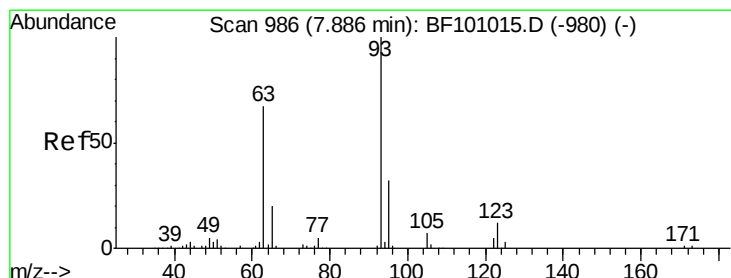
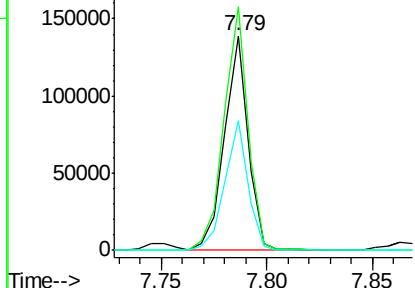
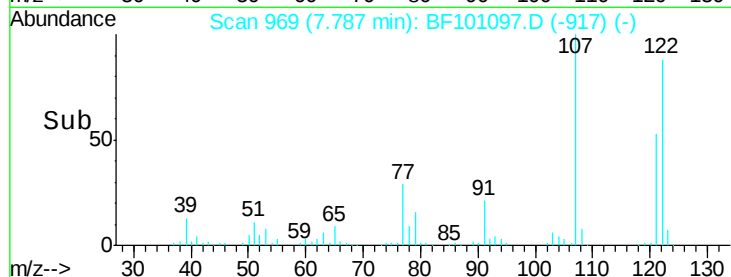
#27
2,4-Dimethylphenol
Concen: 40.38 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 106568
Ion Ratio Lower Upper
122 100
107 113.6 91.2 136.8
121 60.7 47.2 70.8

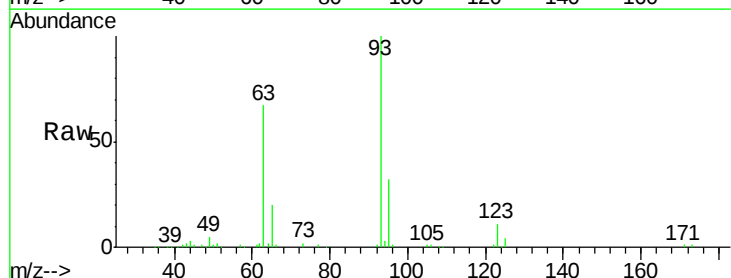


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

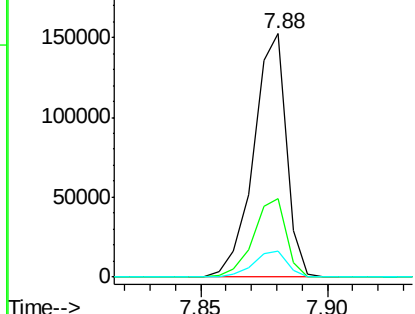
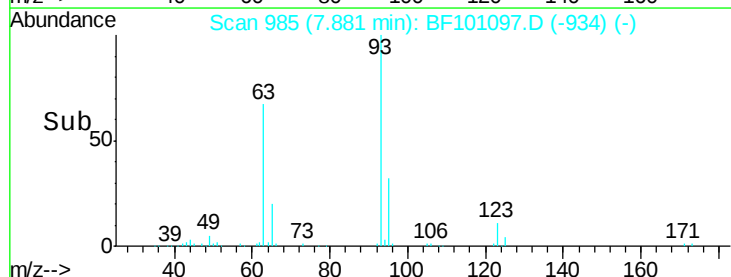


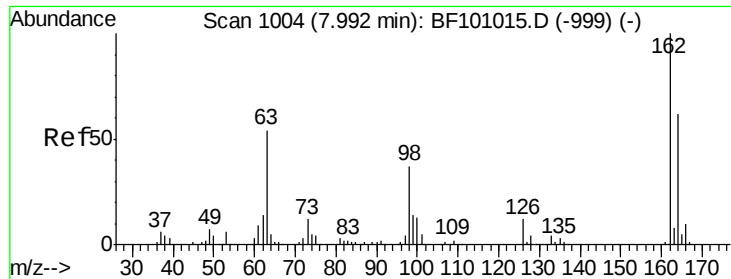
#28
bis(2-Chloroethoxy)methane
Concen: 35.32 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion: 93 Resp: 137515
Ion Ratio Lower Upper
93 100
95 32.2 26.3 39.5
123 10.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

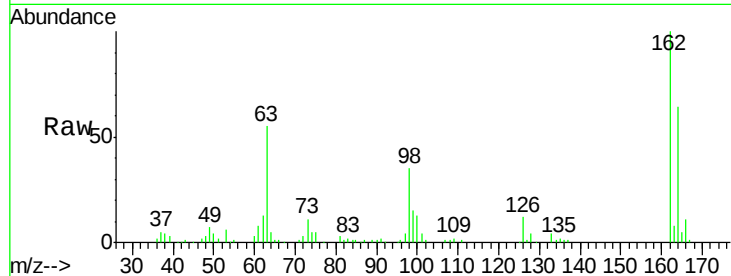




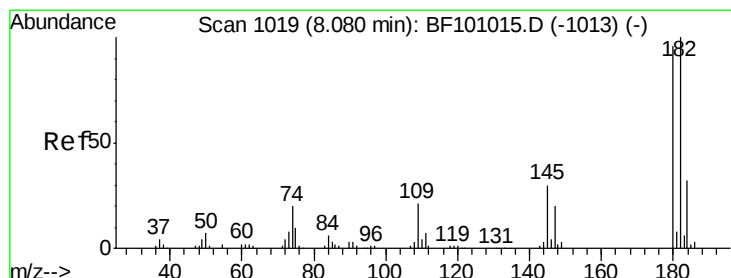
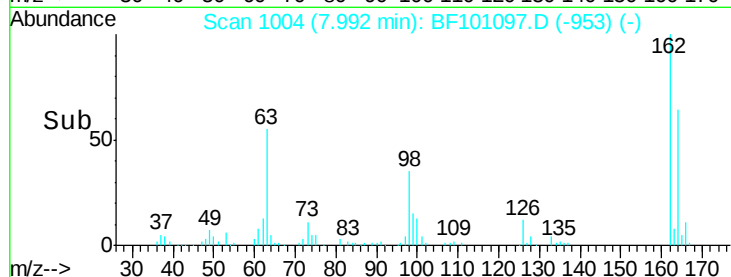
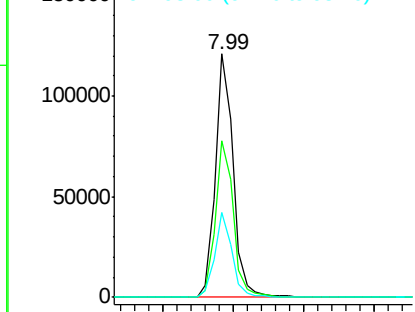
#29
 2,4-Dichlorophenol
 Concen: 36.98 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 106226
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.7 82.7
 98 34.8 18.1 58.1

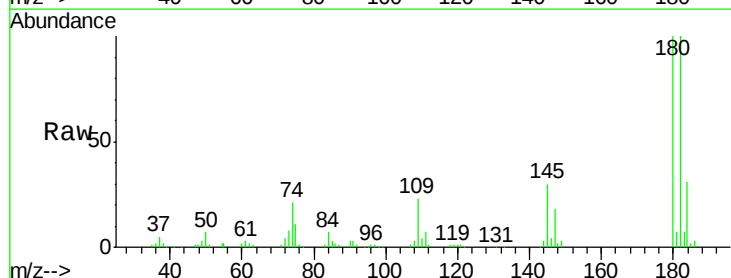


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

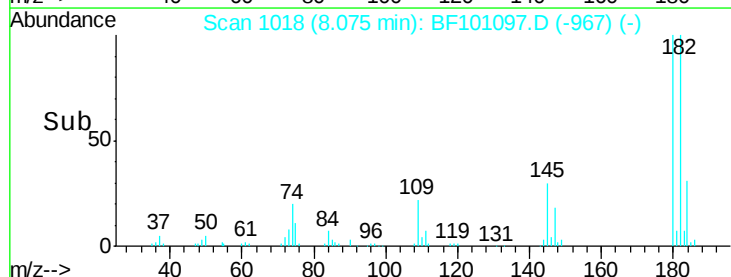
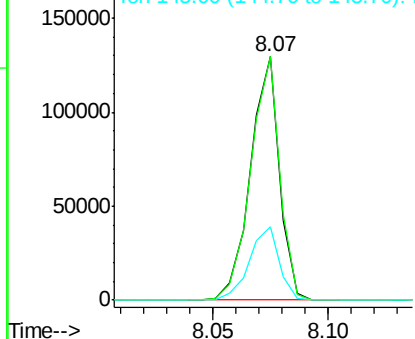


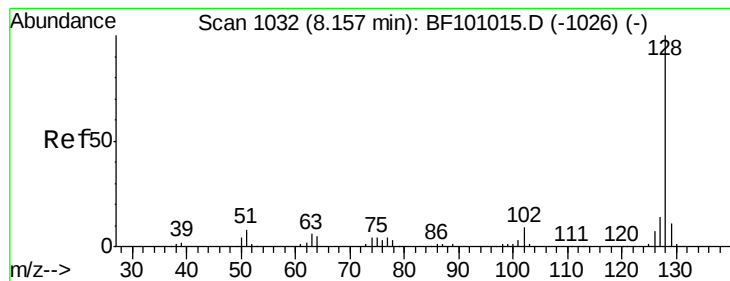
#30
 1,2,4-Trichlorobenzene
 Concen: 35.93 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:180 Resp: 113492
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.8 115.2
 145 30.0 26.5 39.7



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: 35.23 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

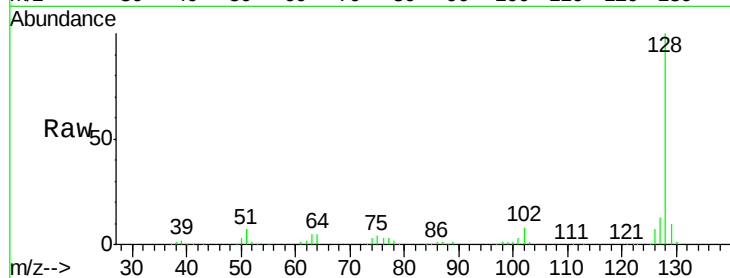
Tot Ion:128 Resp: 351223

Ion Ratio Lower Upper

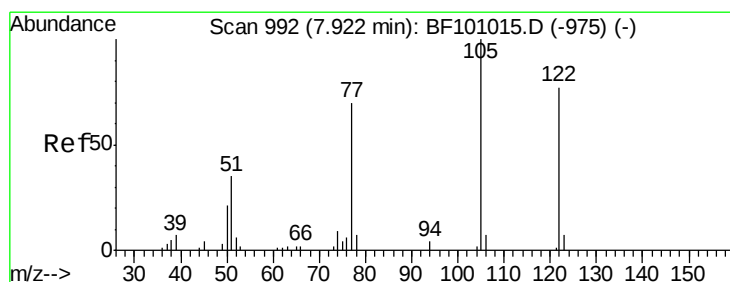
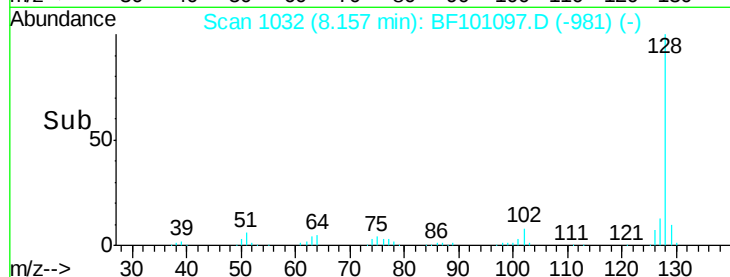
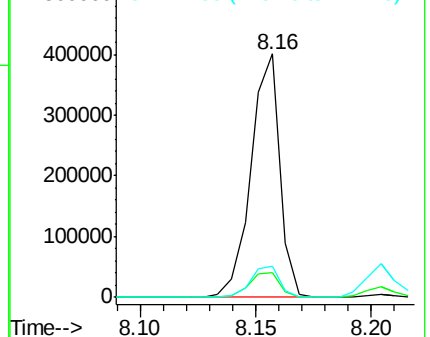
128 100

129 10.4 8.8 13.2

127 12.9 10.9 16.3



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: 2.92 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.06 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

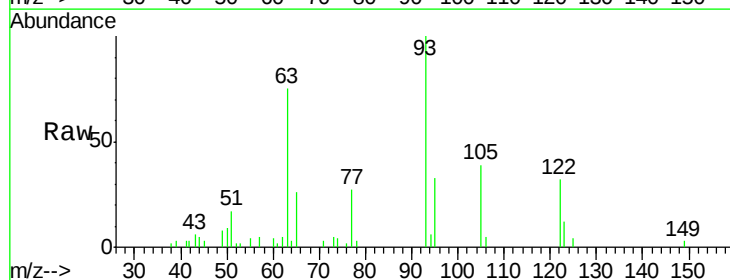
Tgt Ion:122 Resp: 5986

Ion Ratio Lower Upper

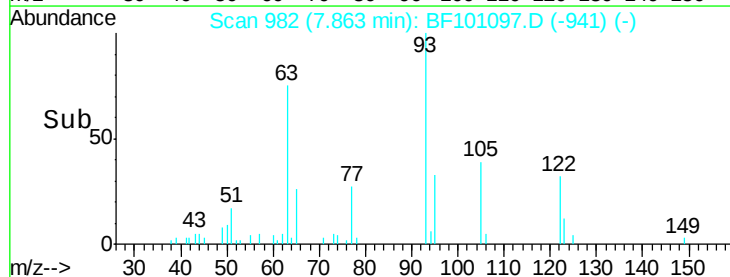
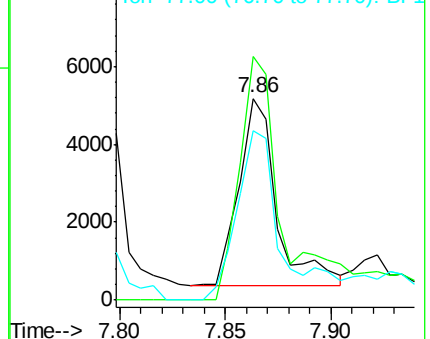
122 100

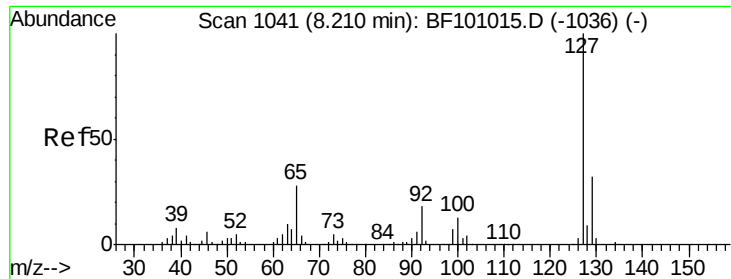
105 120.8 101.1 141.1

77 83.8 70.7 110.7



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): BF1

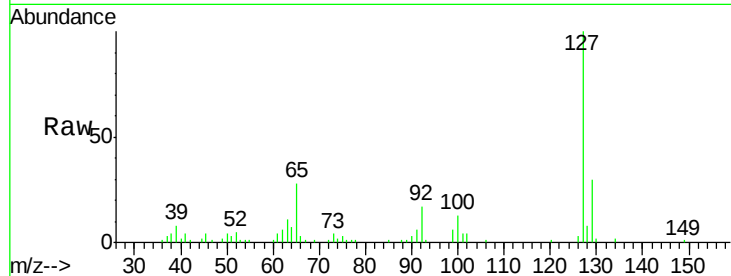




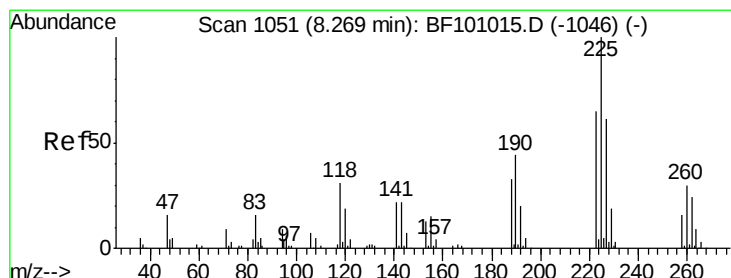
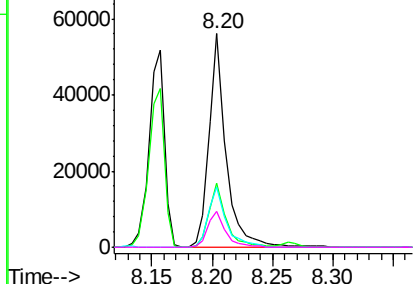
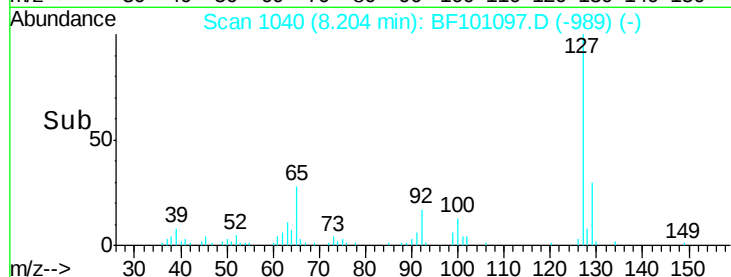
#33
4-Chloroaniline
Concen: 13.71 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	54908
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	28.2	25.0	37.4
92	17.0	15.2	22.8

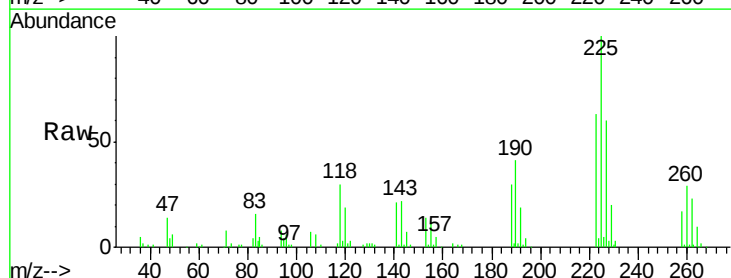


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

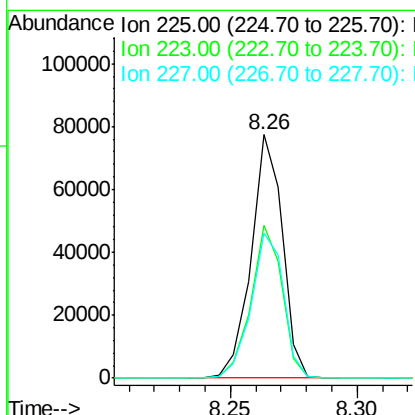
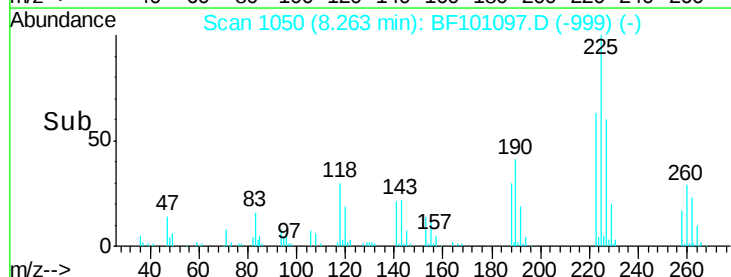


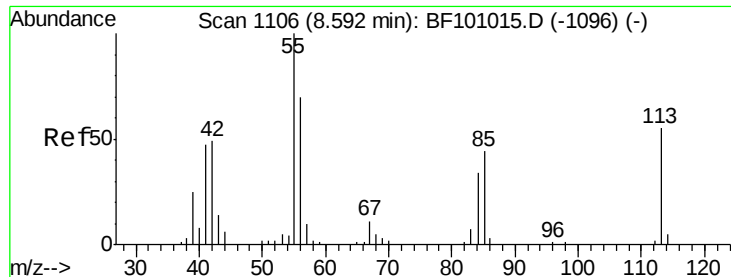
#34
Hexachlorobutadiene
Concen: 34.31 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:	225	Resp:	66480
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	59.7	51.9	77.9



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: 21.06 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

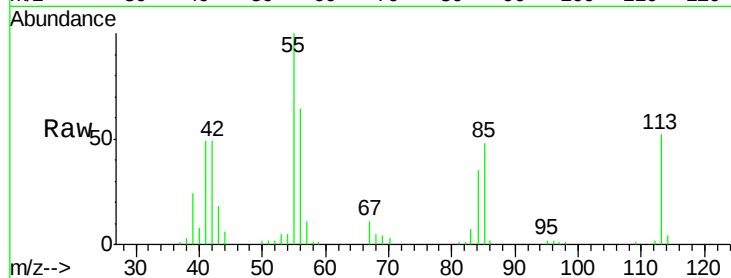
Tot Ion:113 Resp: 18856

Ion Ratio Lower Upper

113 100

55 193.0 163.3 203.3

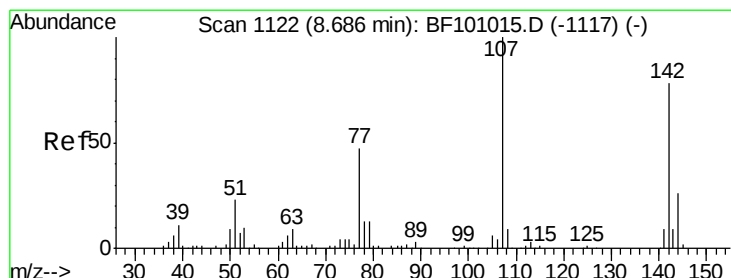
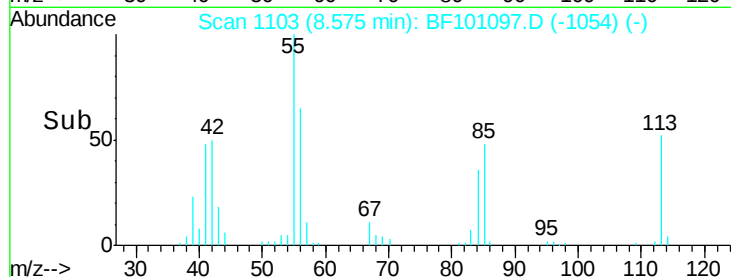
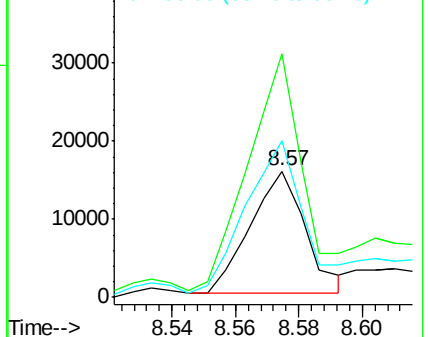
56 124.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.51 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

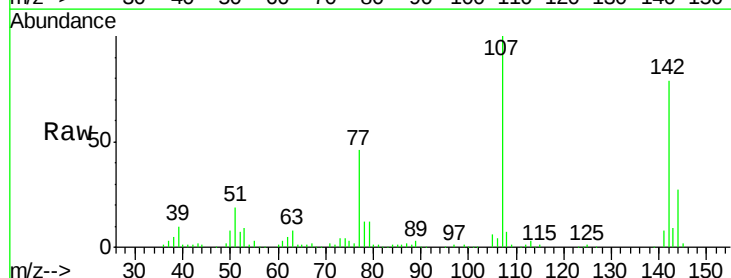
Tgt Ion:107 Resp: 105668

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

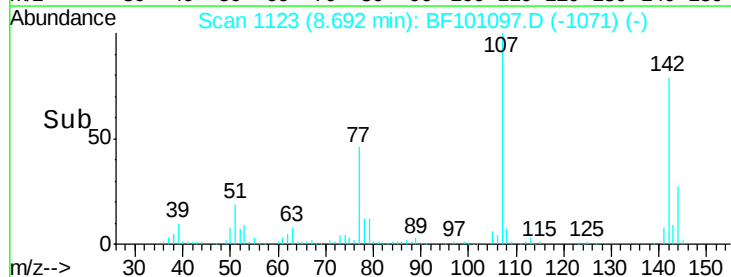
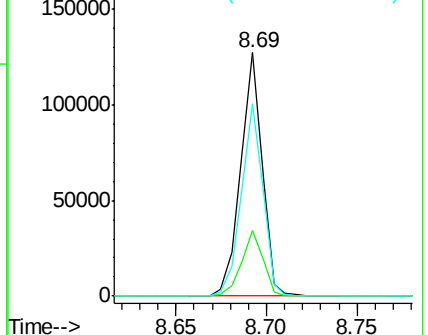
142 79.2 62.0 93.0

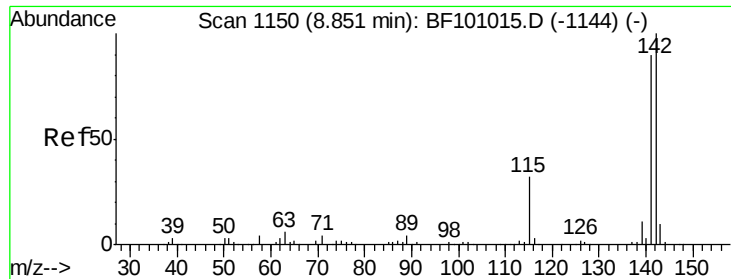


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

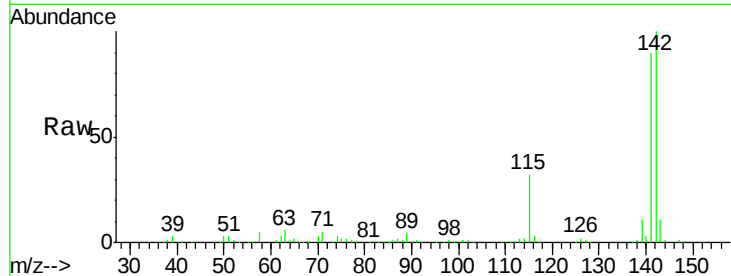




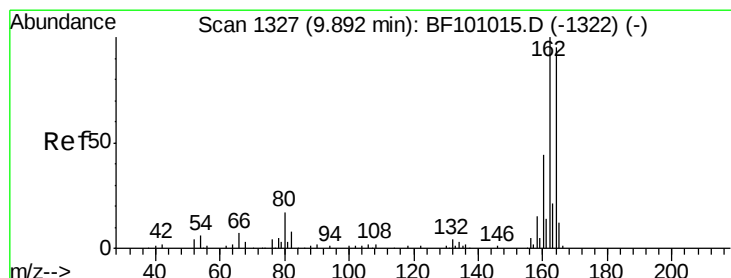
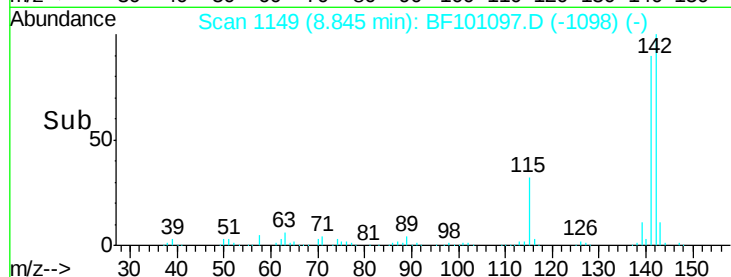
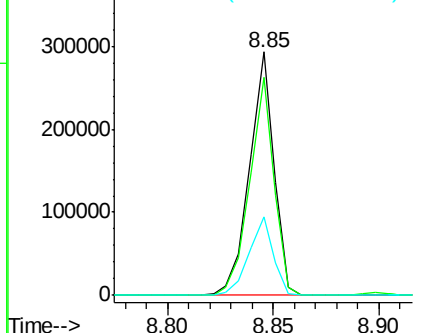
#37
 2-Methylnaphthalene
 Concen: 35.10 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.1	26.1	39.1

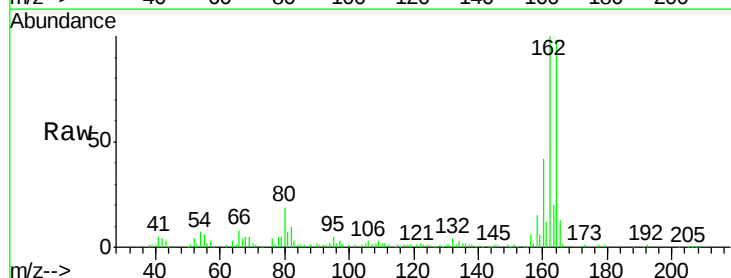


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

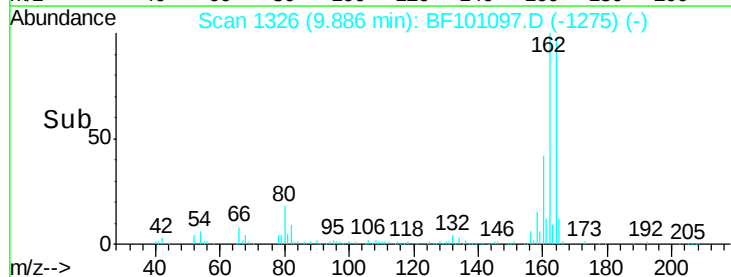
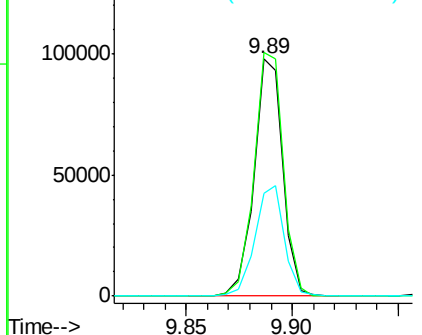


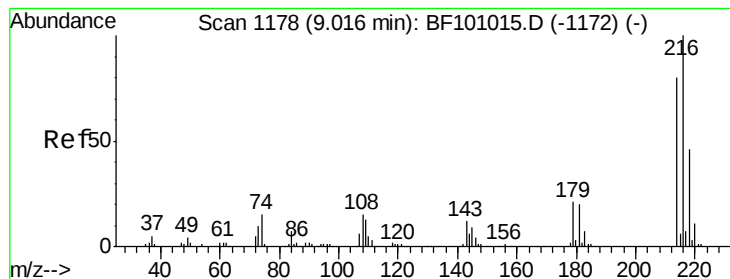
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	43.3	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.78 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF101097.D

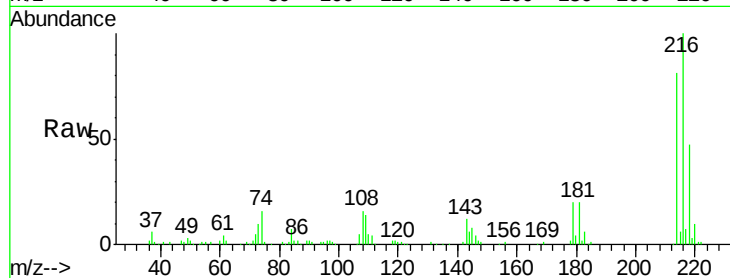
Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	109172
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.0	94.4
179	19.5	18.1	27.1
108	15.6	17.2	25.8

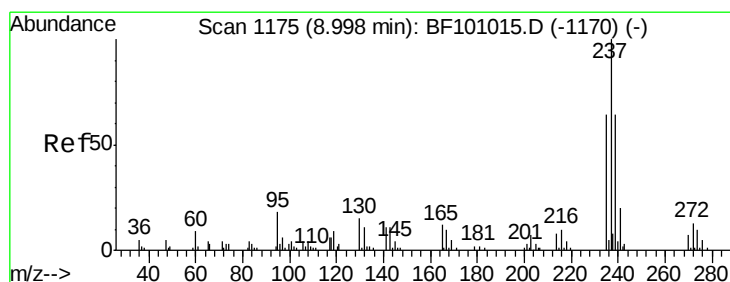
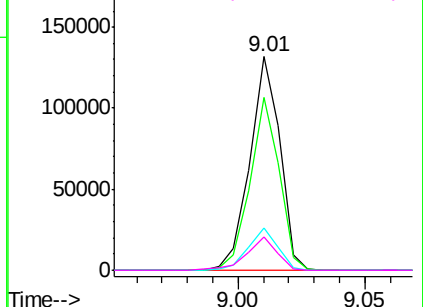
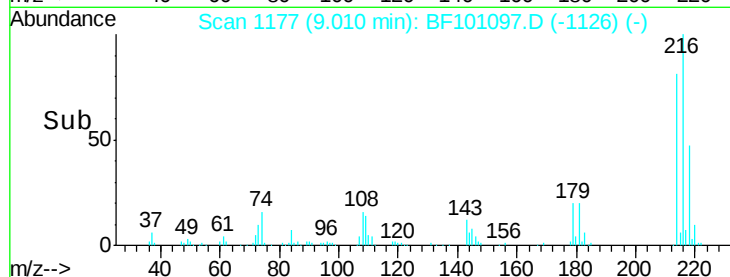


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.89 ng

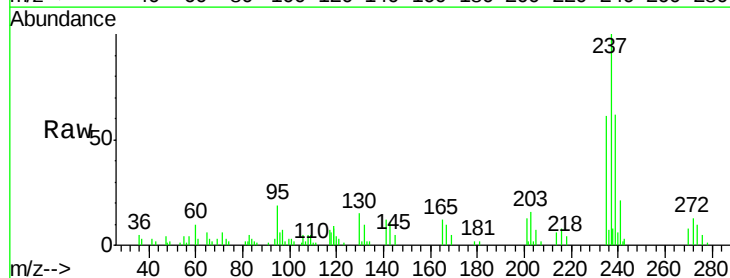
RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

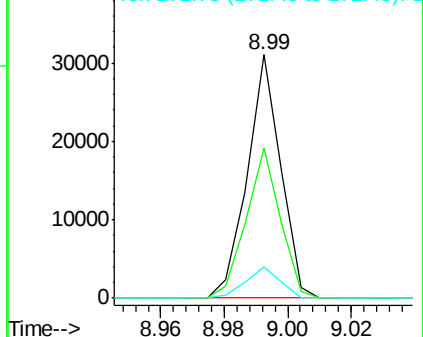
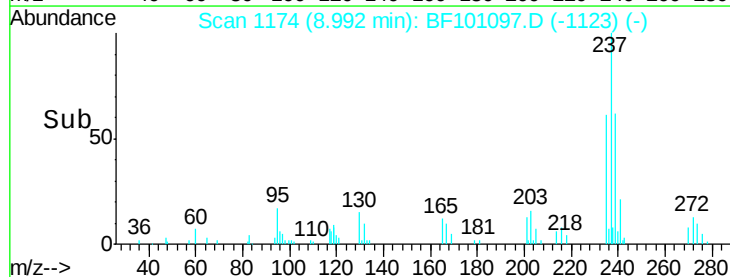
Tgt Ion:	237	Resp:	22596
Ion Ratio	Lower	Upper	
237	100		
235	61.5	44.8	84.8
272	12.7	0.0	33.3

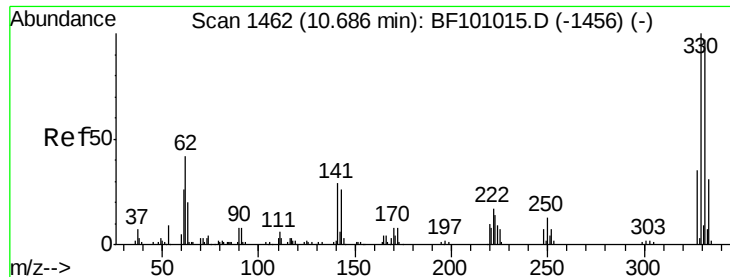


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 95.33 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

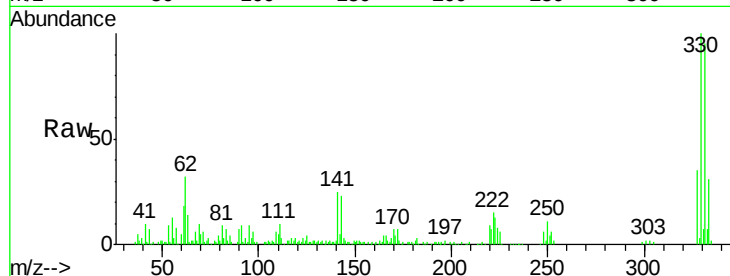
Tot Ion:330 Resp: 104982

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

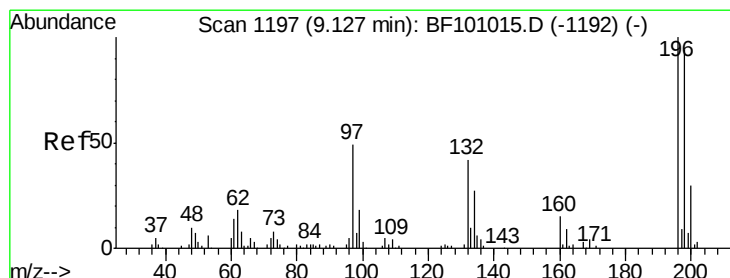
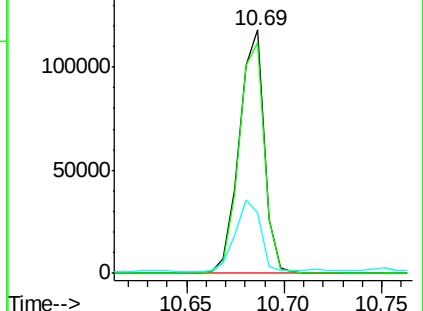
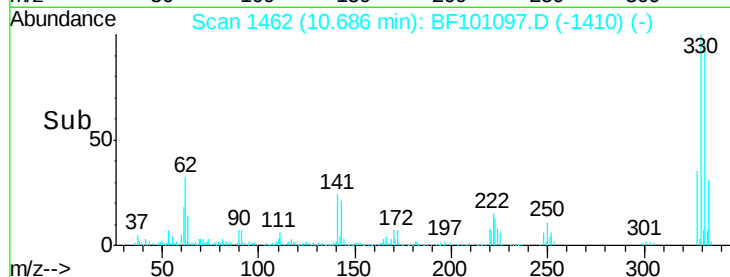
141 30.5 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.23 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

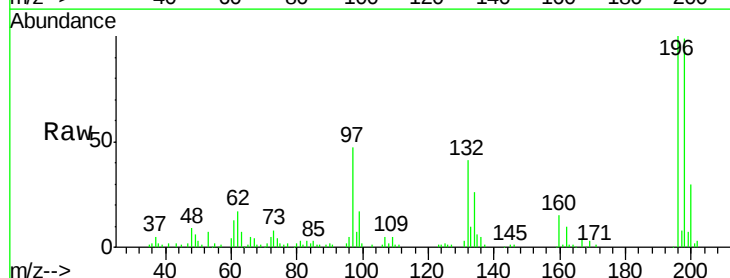
Tgt Ion:196 Resp: 76596

Ion Ratio Lower Upper

196 100

198 99.2 75.7 113.5

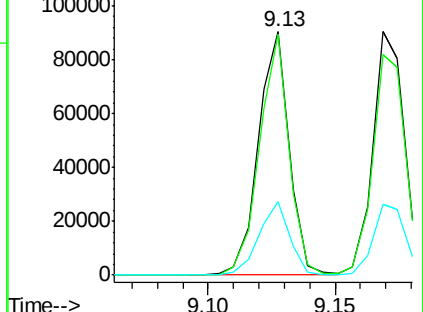
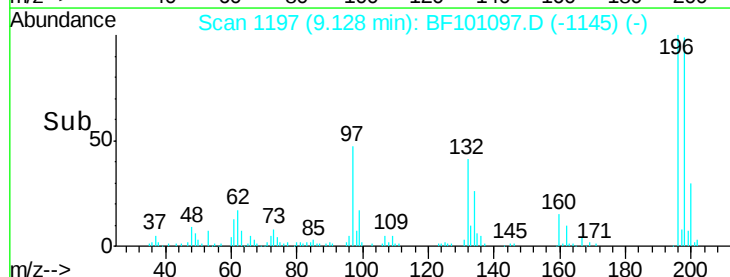
200 30.3 24.5 36.7

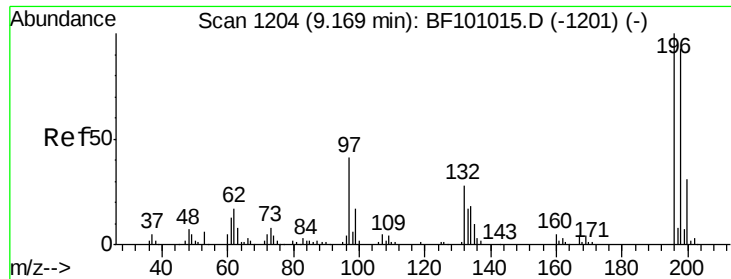


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

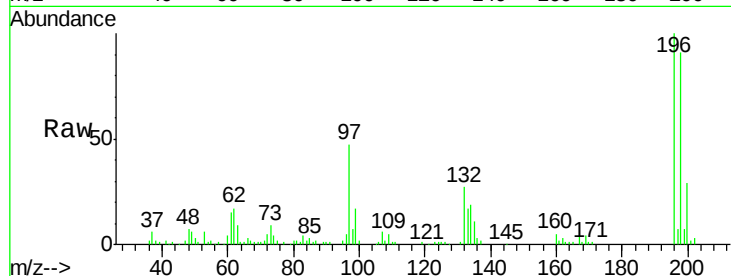




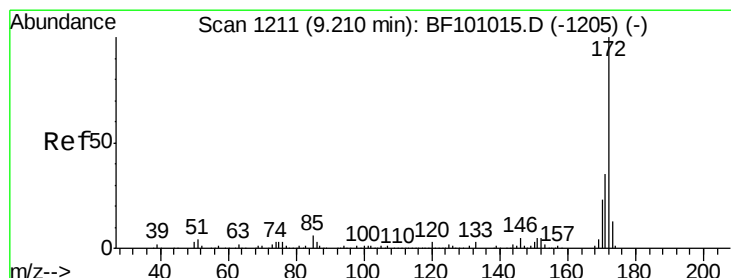
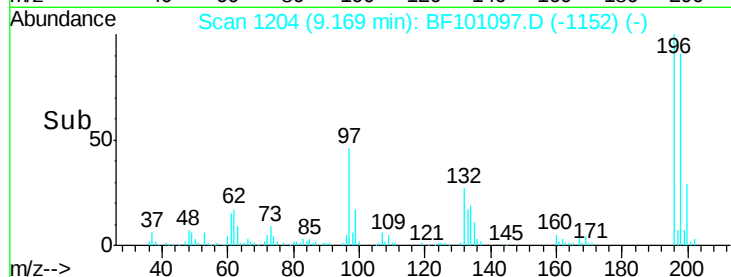
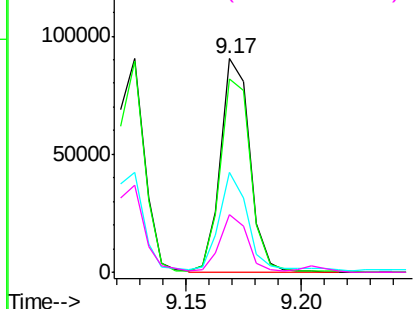
#43
 2,4,5-Trichlorophenol
 Concen: 38.17 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	90.8	74.6	112.0	
97	46.7	42.9	64.3	
132	26.9	26.3	39.5	

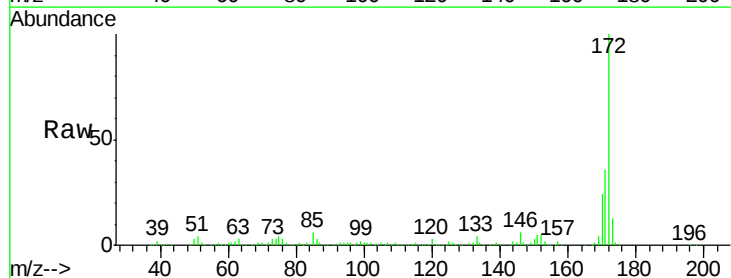


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

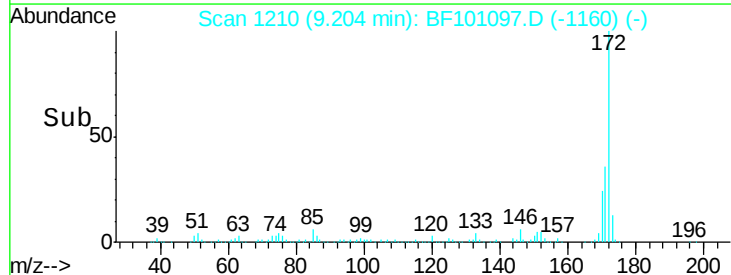
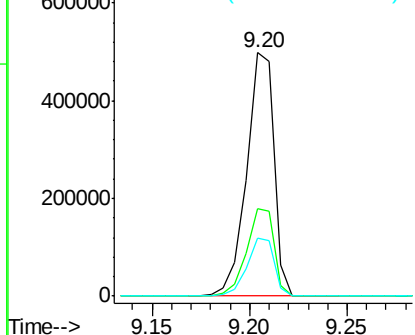


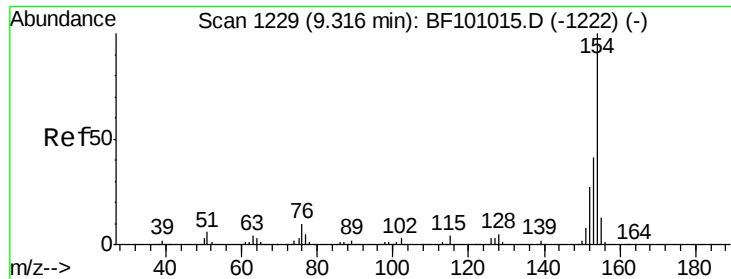
#44
 2-Fluorobiphenyl
 Concen: 72.13 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	23.7	19.6	29.4	



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: 32.61 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampled :

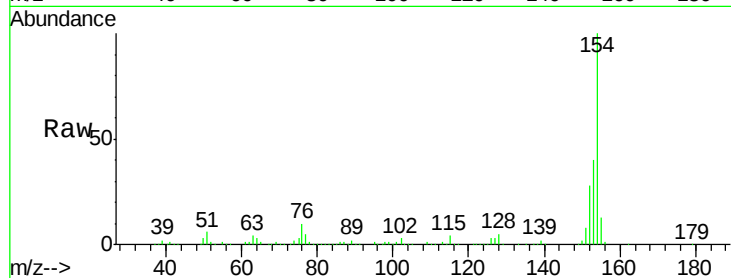
Tot Ion:154 Resp: 273896

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

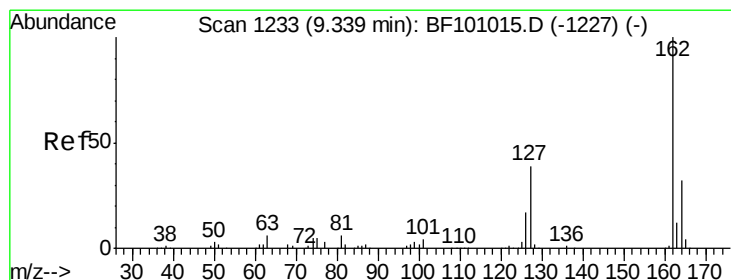
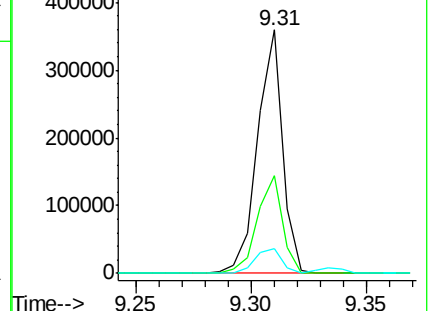
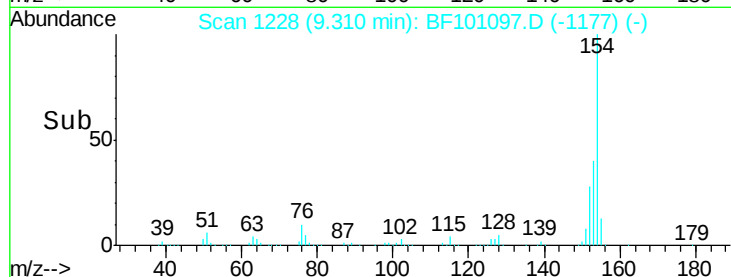
76 10.3 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 36.47 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

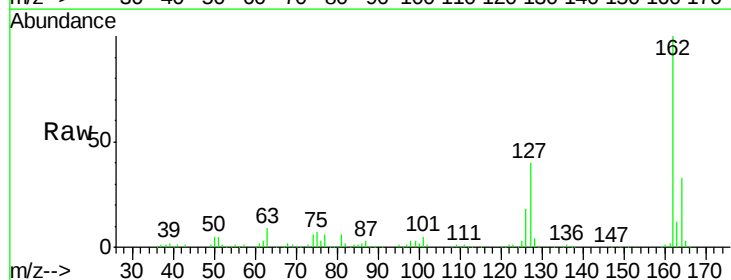
Tgt Ion:162 Resp: 217572

Ion Ratio Lower Upper

162 100

127 40.1 33.9 50.9

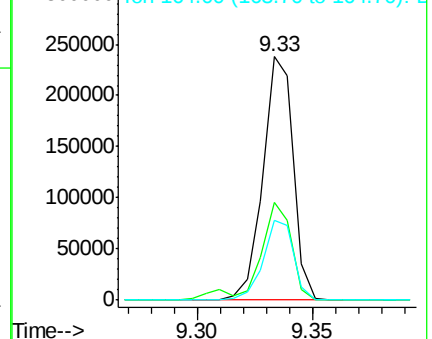
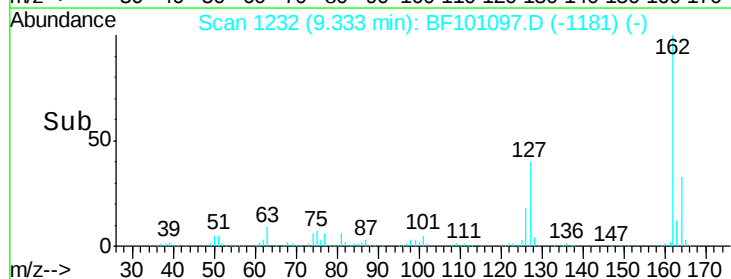
164 32.8 26.5 39.7

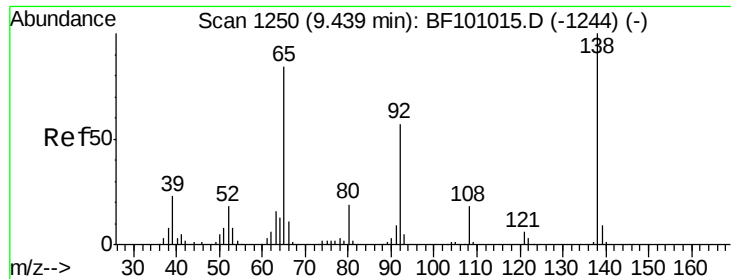


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

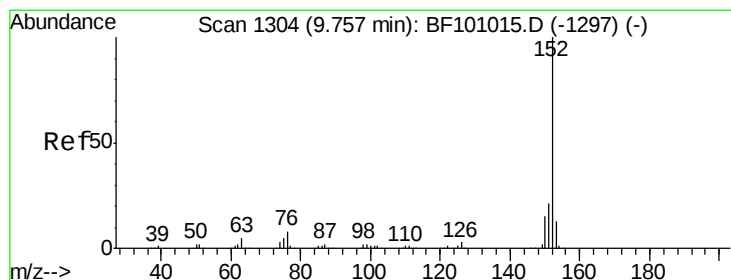
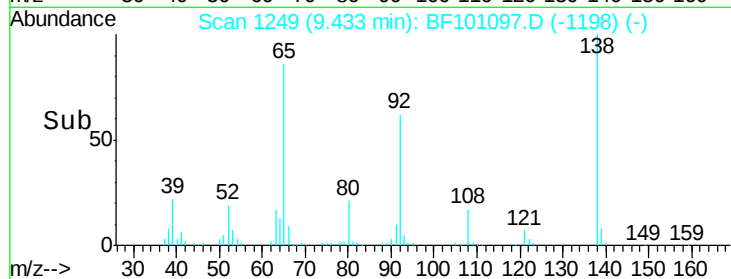
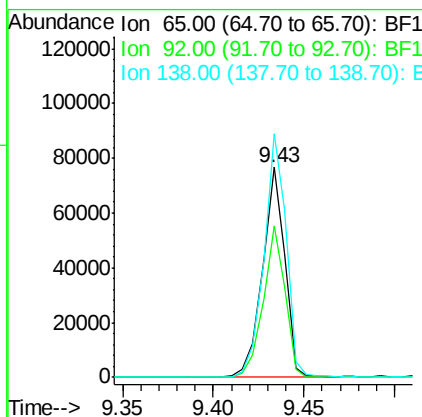
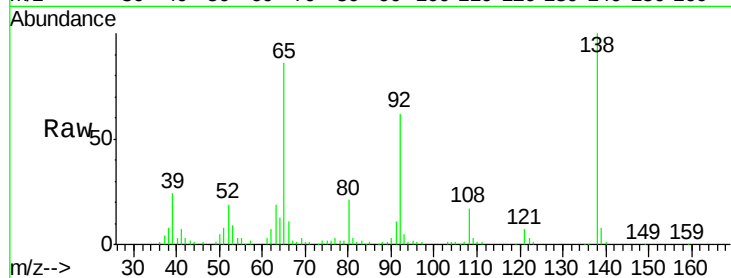




#47
 2-Nitroaniline
 Concen: 37.29 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

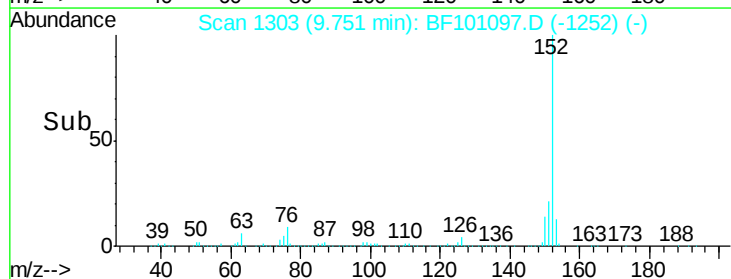
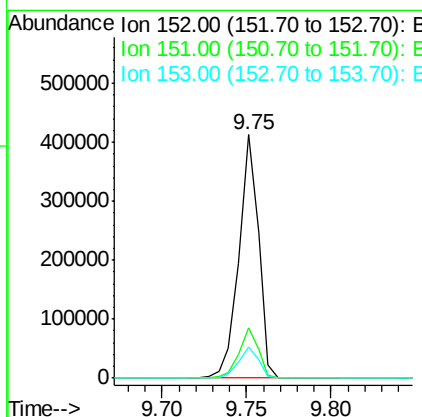
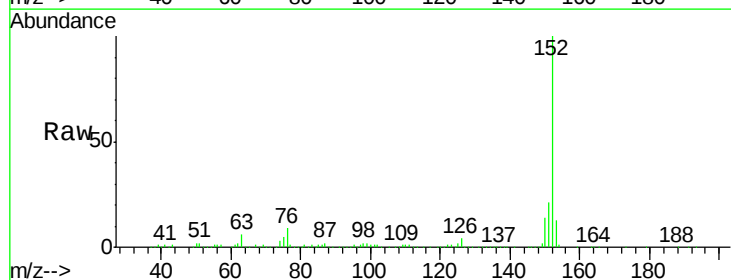
Instrument :
 BNA_F
 ClientSampled :

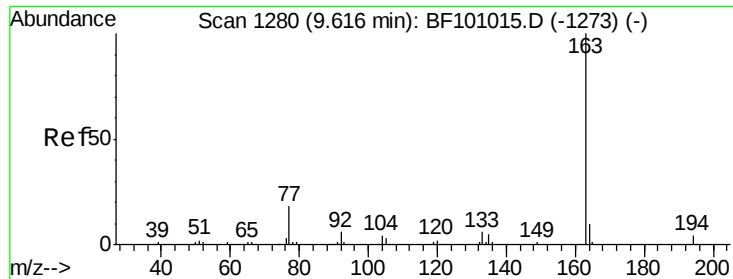
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	55.8	83.6
138	115.9	91.2	136.8



#48
 Acenaphthylene
 Concen: 34.02 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	12.8	10.7	16.1

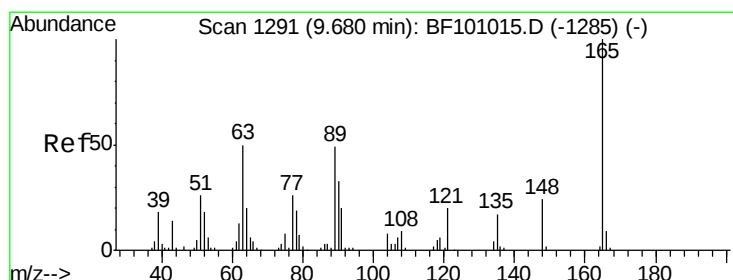
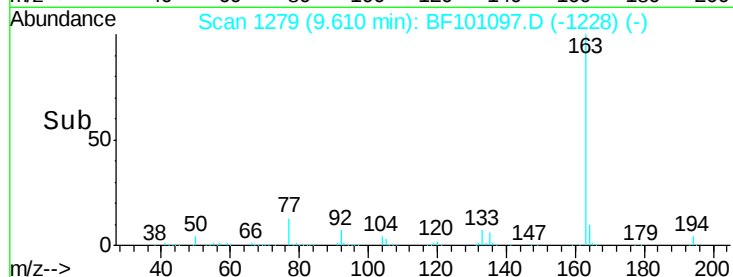
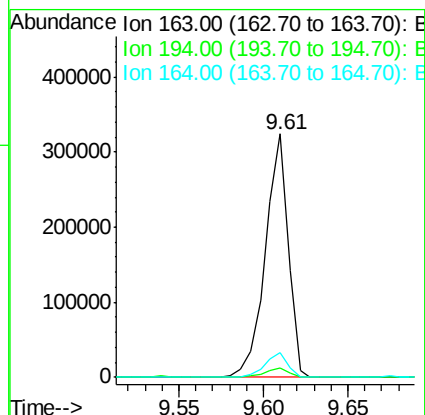
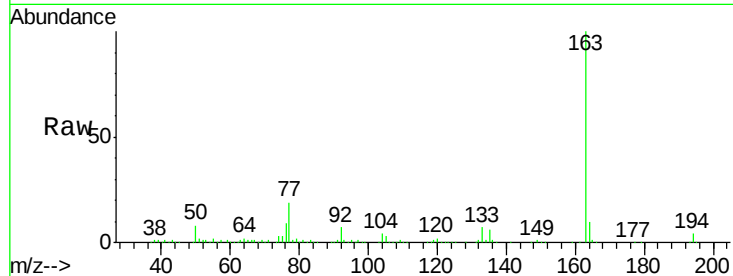




#49
Dimethylphthalate
Concen: 41.10 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

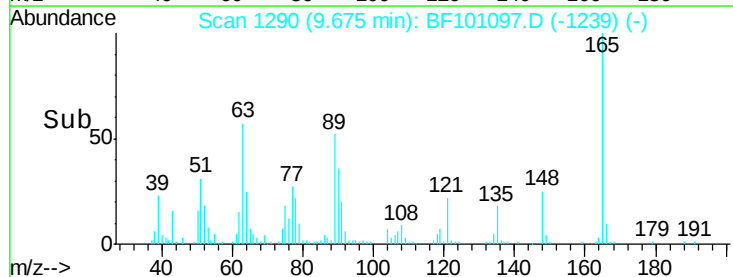
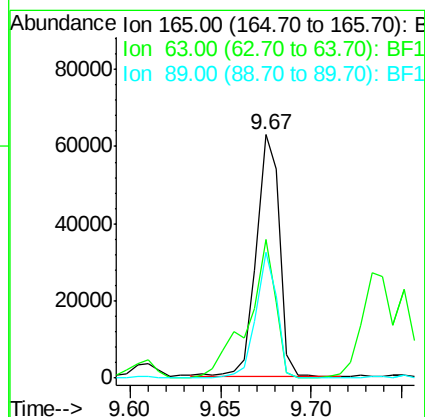
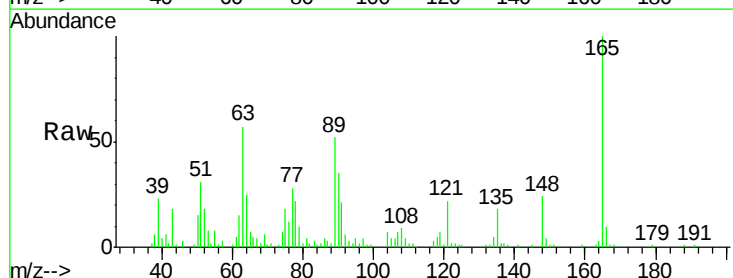
Instrument :
BNA_F
ClientSampleId :

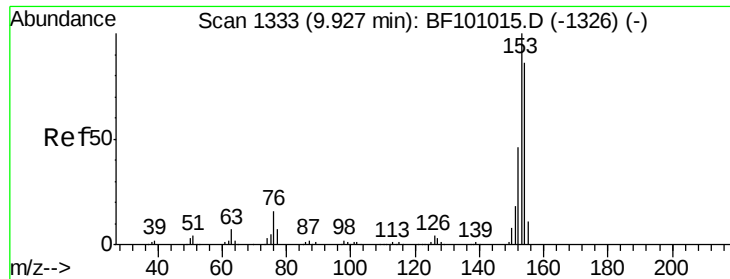
Tot Ion:163 Resp: 303893
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 35.86 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:165 Resp: 55847
Ion Ratio Lower Upper
165 100
63 56.8 44.7 67.1
89 51.9 44.0 66.0





#51

Acenaphthene

Concen: 33.40 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

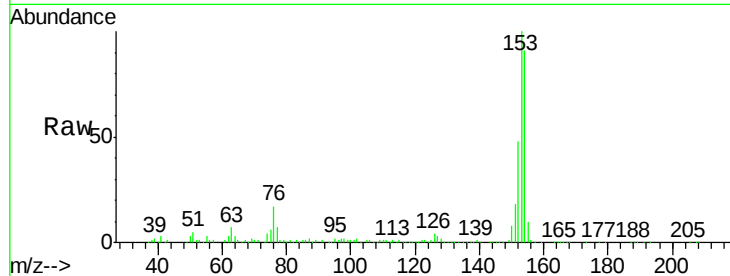
Tot Ion:154 Resp: 196064

Ion Ratio Lower Upper

154 100

153 110.4 91.2 136.8

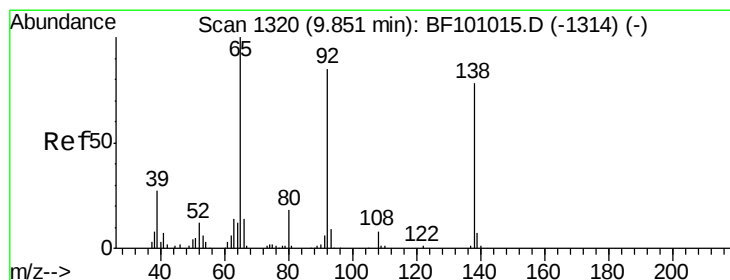
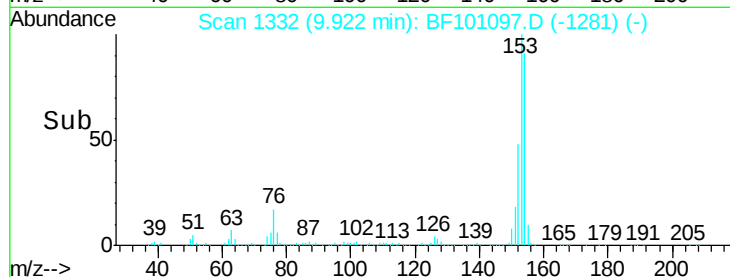
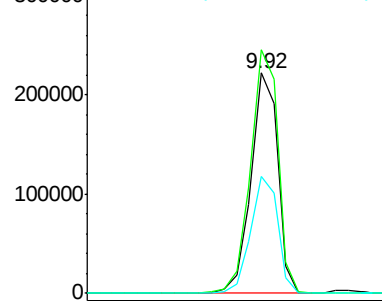
152 52.8 43.8 65.8



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: 29.26 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

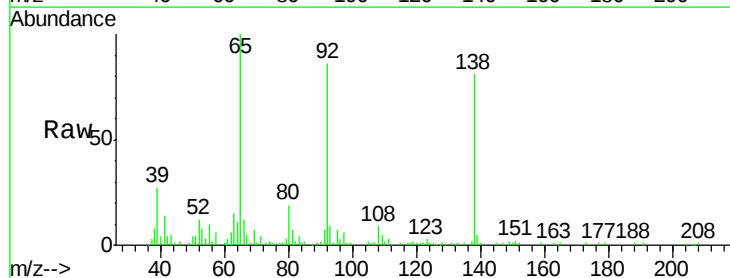
Tgt Ion:138 Resp: 51236

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

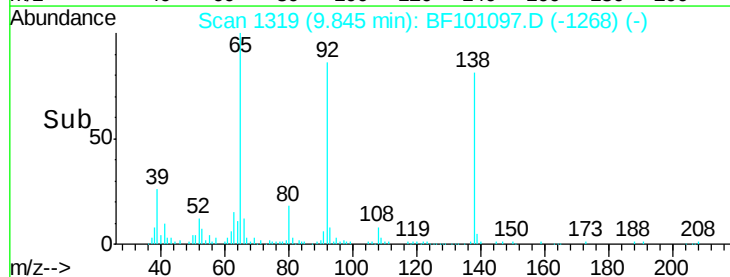
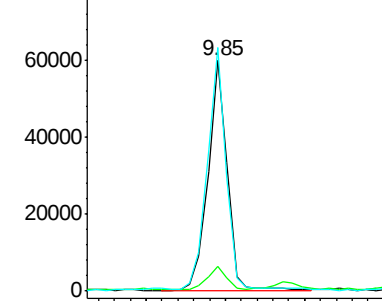
92 105.7 89.4 134.2

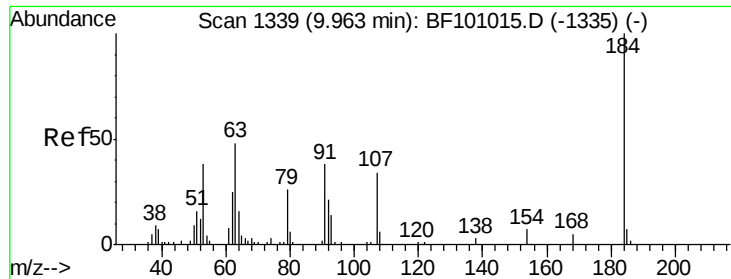


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

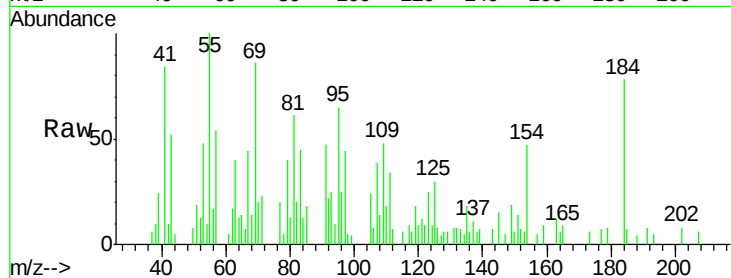




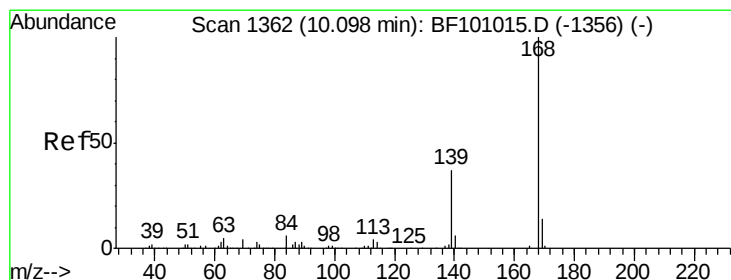
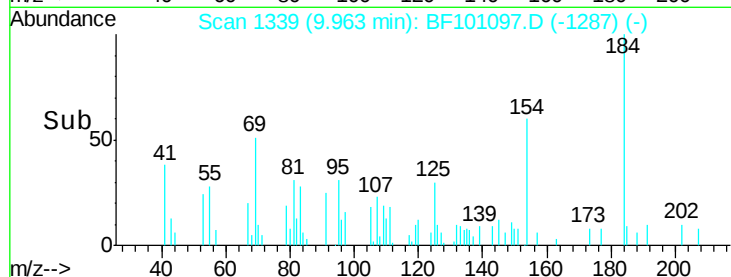
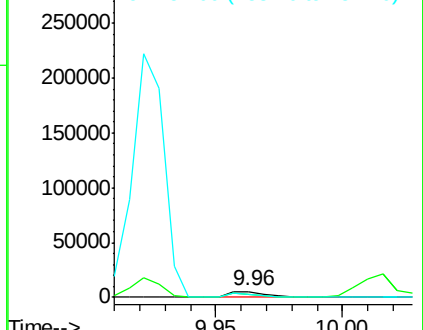
#53
2,4-Dinitrophenol
Concen: 11.49 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 5679
Ion Ratio Lower Upper
184 100
63 51.4 54.2 81.2#
154 59.7 184.0 276.0#

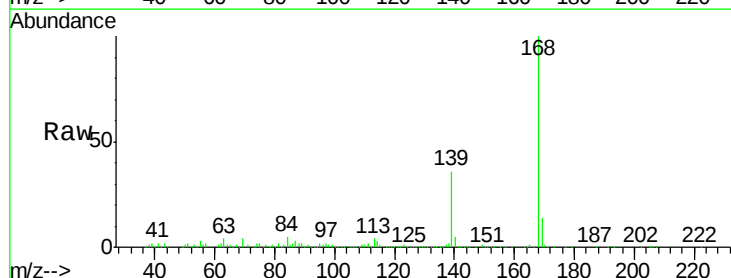


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

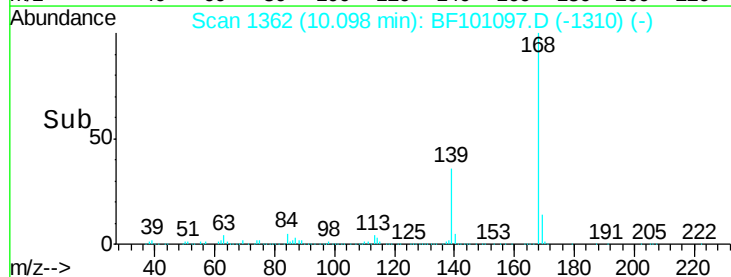
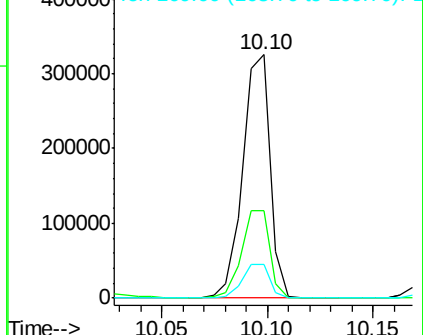


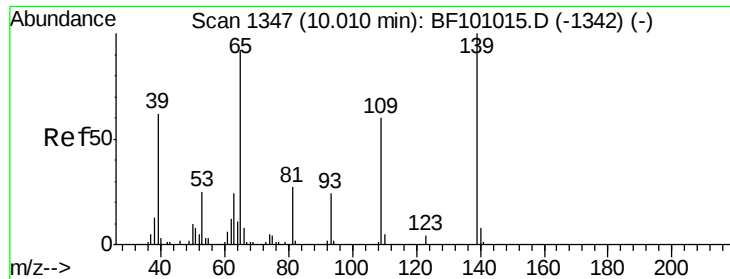
#54
Dibenzofuran
Concen: 34.55 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:168 Resp: 292221
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.6 10.9 16.3



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

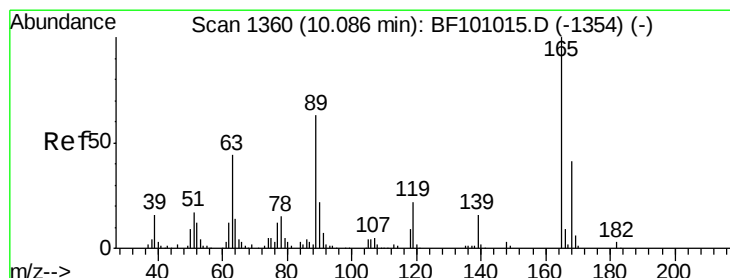
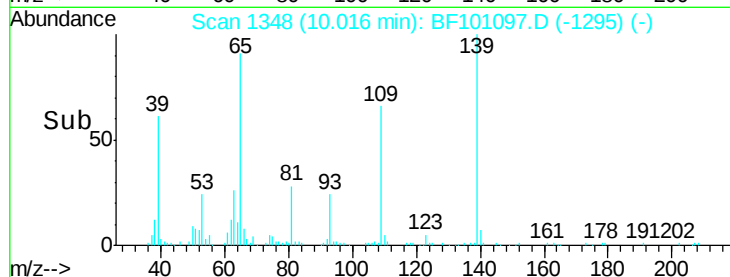
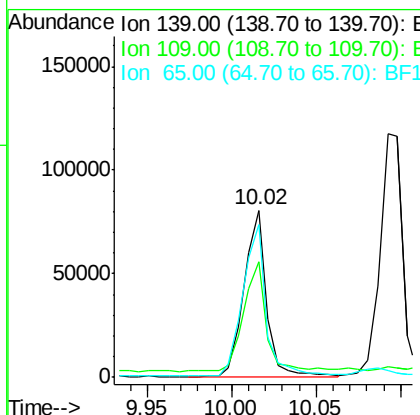
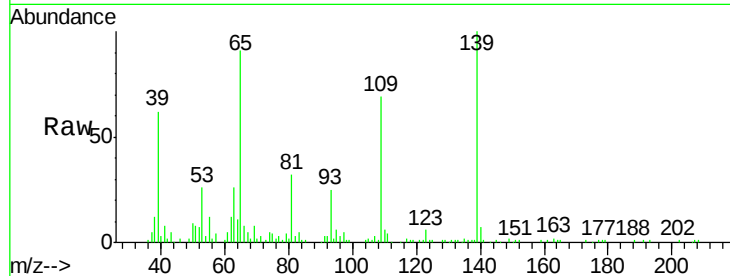




#55
4-Nitrophenol
Concen: 64.63 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

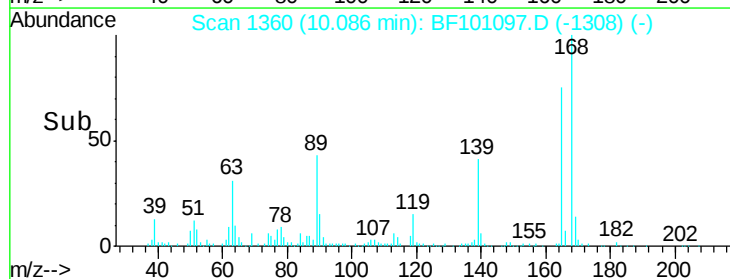
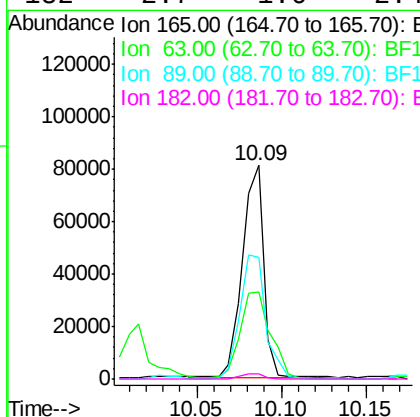
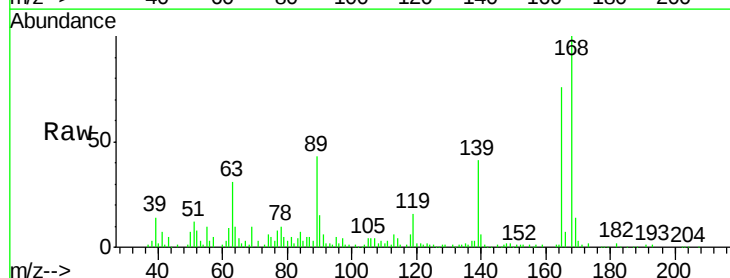
Instrument :
BNA_F
ClientSampleId :

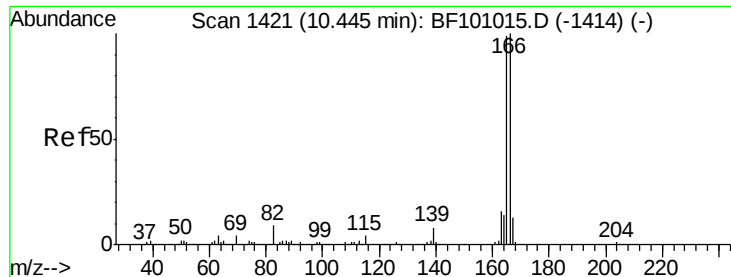
Tot Ion:139 Resp: 76330
Ion Ratio Lower Upper
139 100
109 68.9 48.4 88.4
65 91.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.36 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:165 Resp: 71698
Ion Ratio Lower Upper
165 100
63 40.7 36.4 54.6
89 56.8 57.8 86.6#
182 2.7 1.6 2.4#

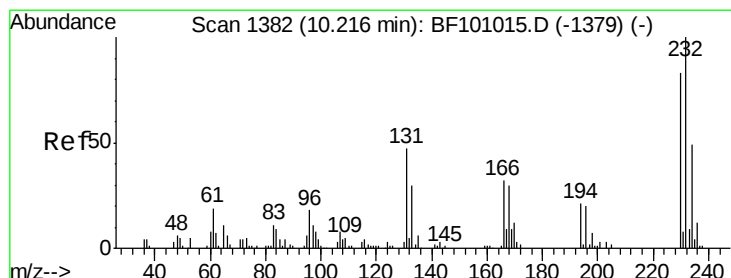
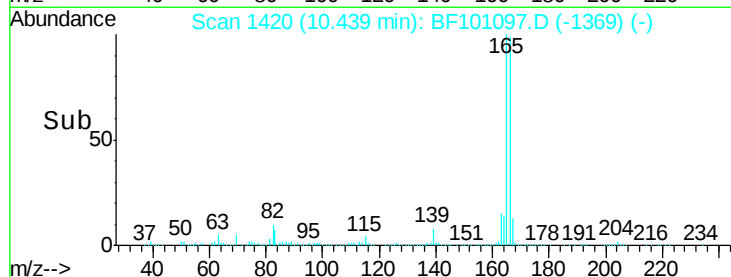
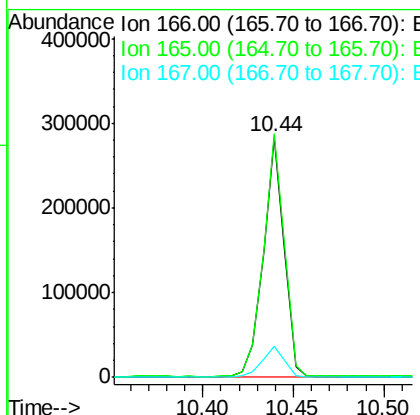
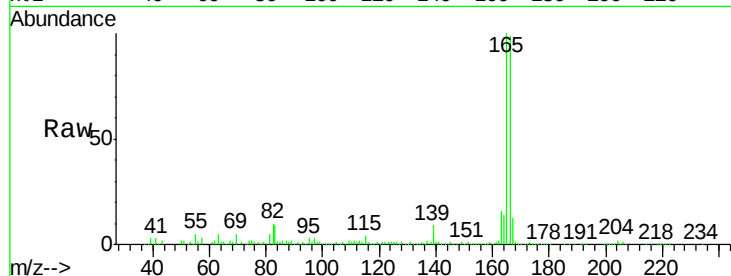




#57
 Fluorene
 Concen: 32.89 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

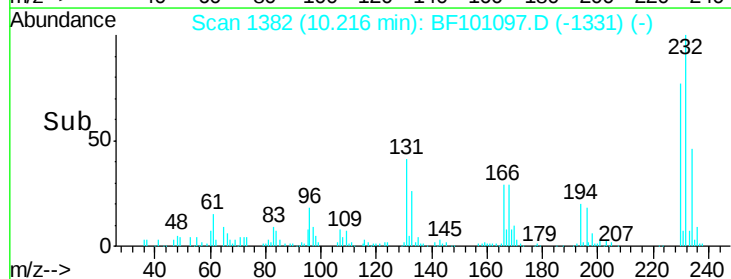
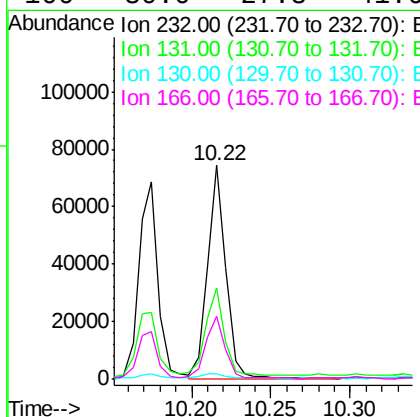
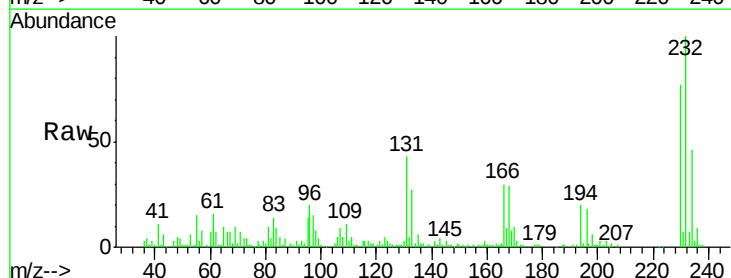
Instrument :
 BNA_F
 ClientSampleId :

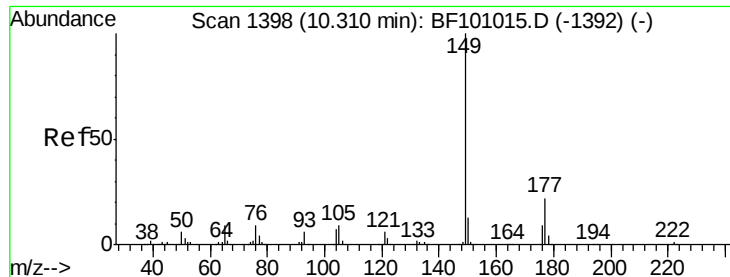
Tot Ion:166 Resp: 226194
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.65 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:232 Resp: 61252
 Ion Ratio Lower Upper
 232 100
 131 42.4 43.8 65.8#
 130 4.5 2.1 3.1#
 166 30.0 27.8 41.6

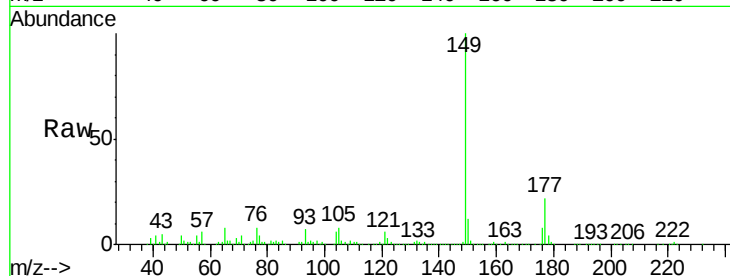




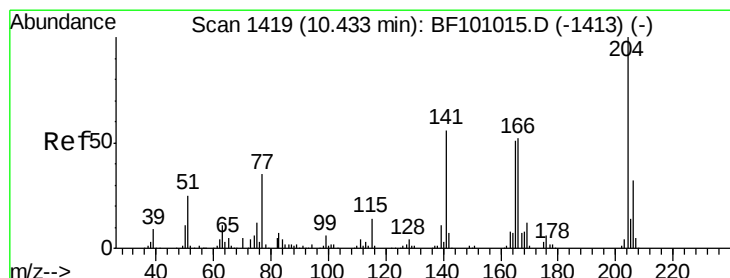
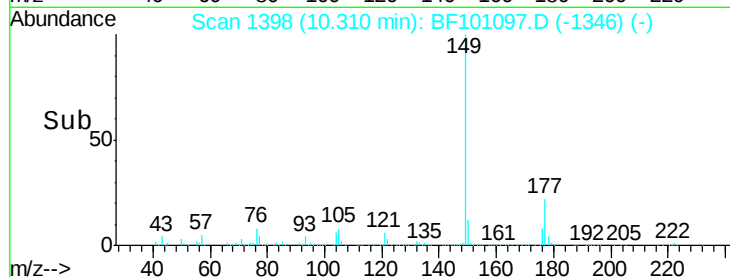
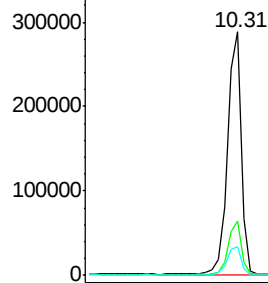
#59
Diethylphthalate
Concen: 34.59 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.0	10.1	15.1

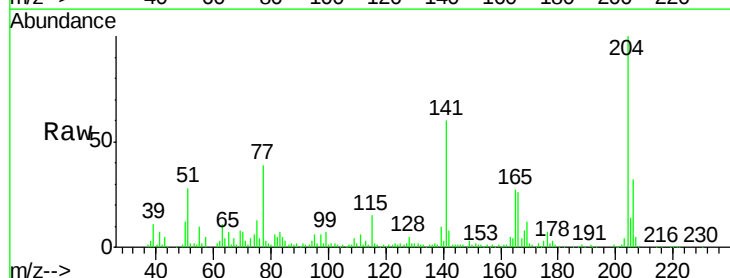


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

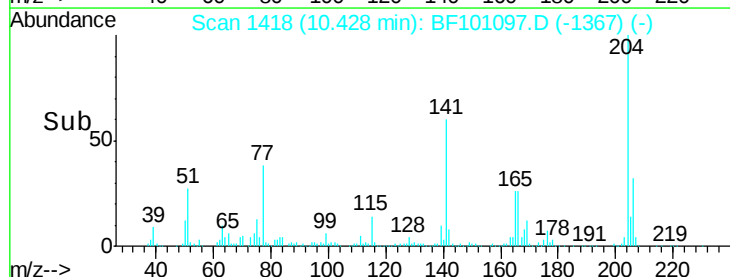
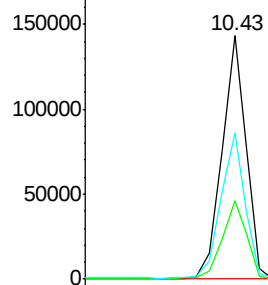


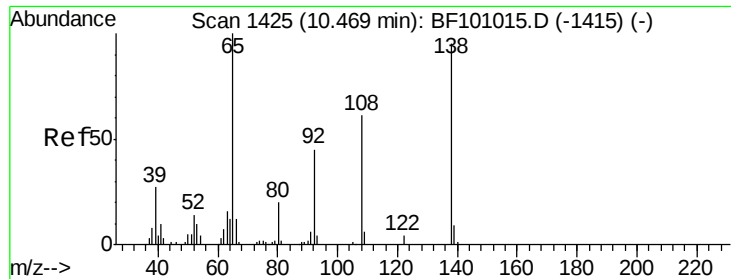
#60
4-Chlorophenyl-phenylether
Concen: 33.29 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	60.3	54.6	81.8



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: 26.96 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampled :

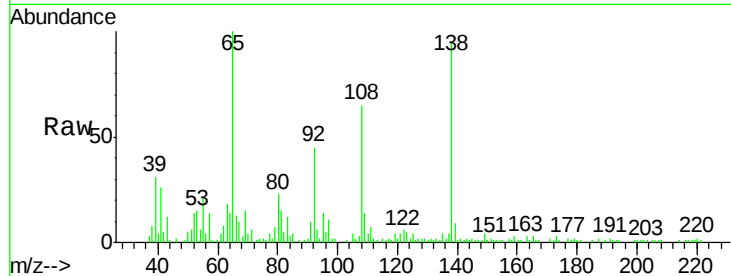
Tot Ion:138 Resp: 49013

Ion Ratio Lower Upper

138 100

92 47.7 30.2 70.2

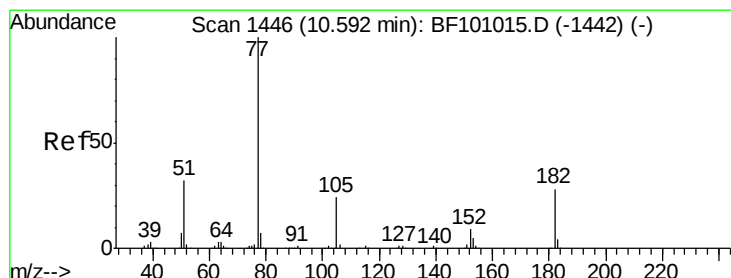
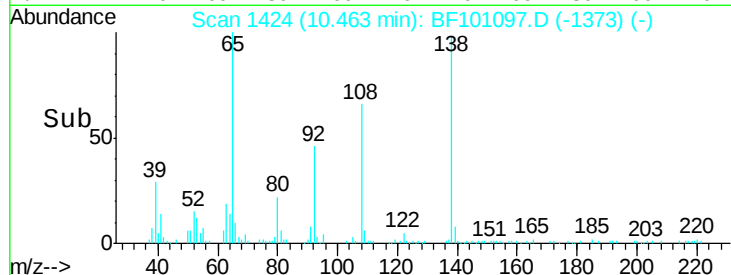
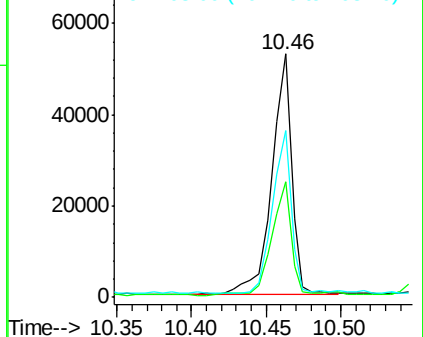
108 68.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.80 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Tgt Ion: 77 Resp: 202973

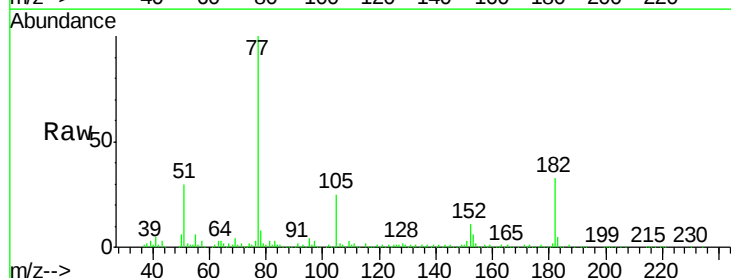
Ion Ratio Lower Upper

77 100

182 32.9 1.7 41.7

105 25.4 3.0 43.0

51 30.3 9.9 49.9

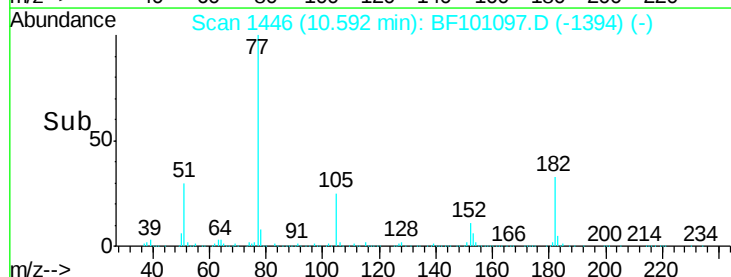
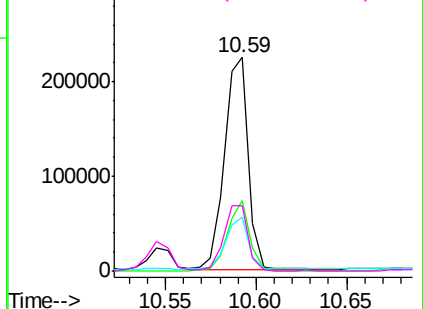


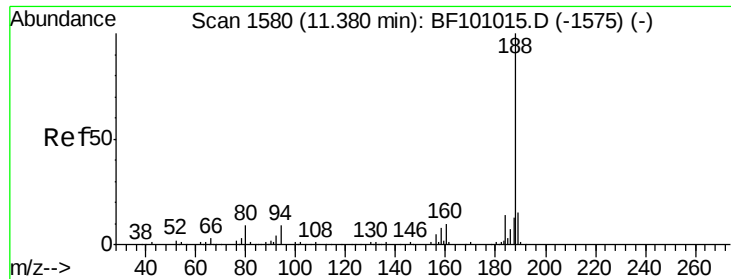
Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1

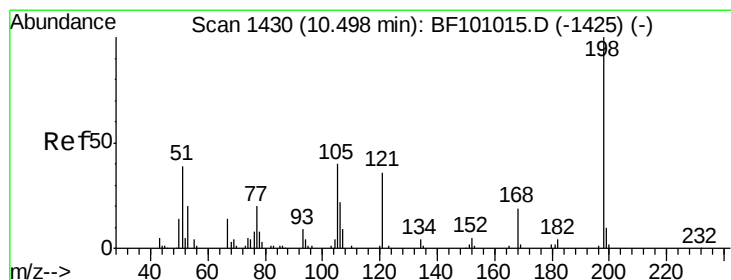
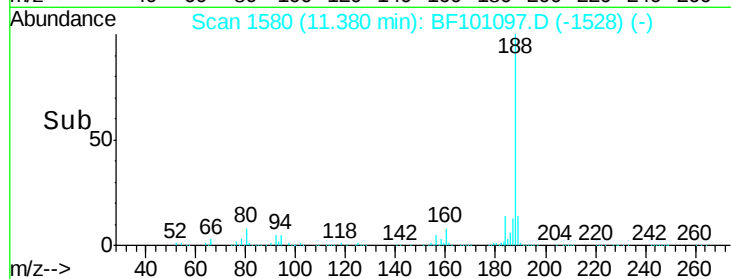
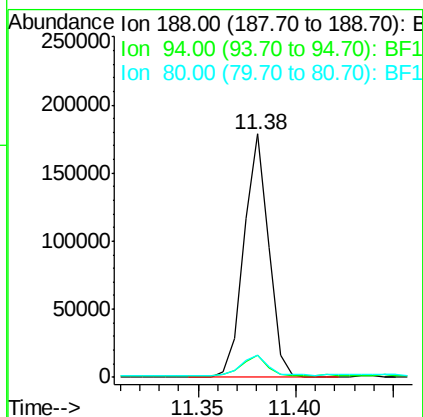
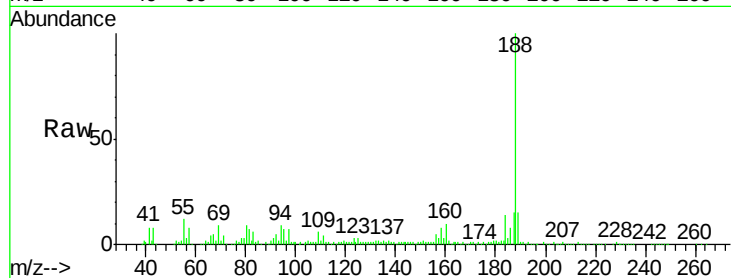




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

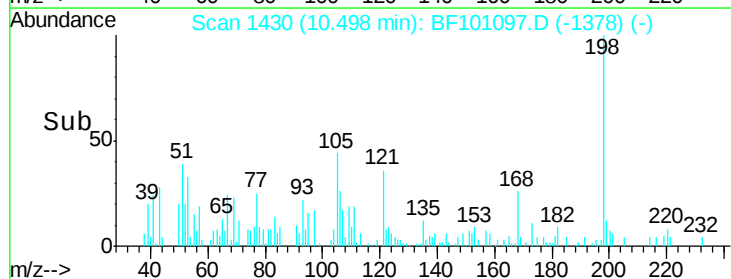
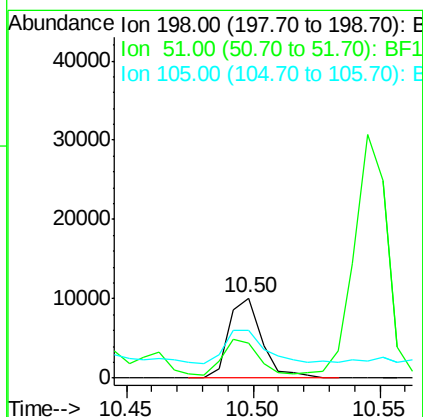
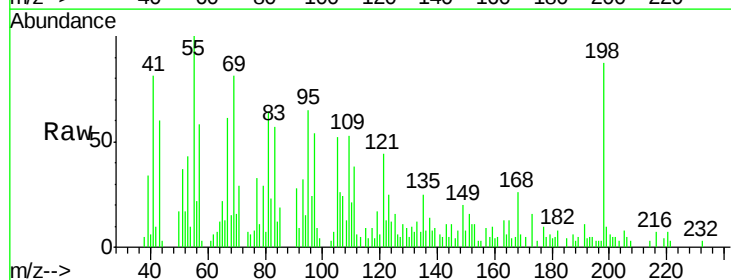
Instrument :
BNA_F
ClientSampled :

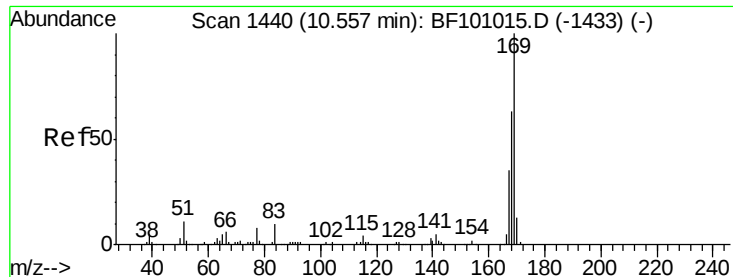
Tot Ion:188 Resp: 156823
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.2 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.73 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:198 Resp: 9181
Ion Ratio Lower Upper
198 100
51 43.0 37.7 77.7
105 59.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.20 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

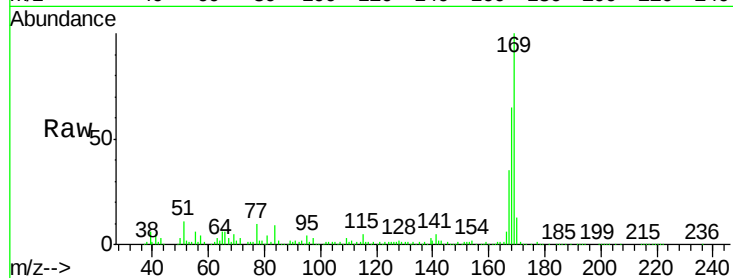
Tot Ion:169 Resp: 211370

Ion Ratio Lower Upper

169 100

168 64.5 54.4 81.6

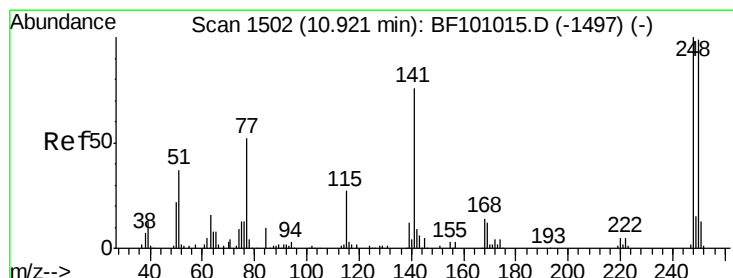
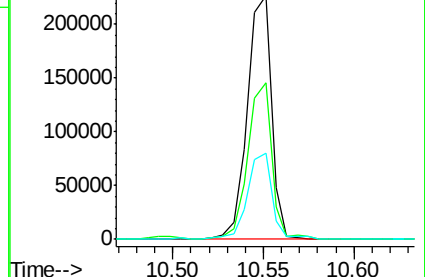
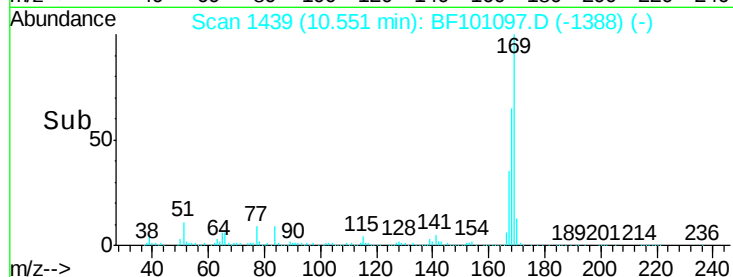
167 35.4 29.8 44.6



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: 38.78 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

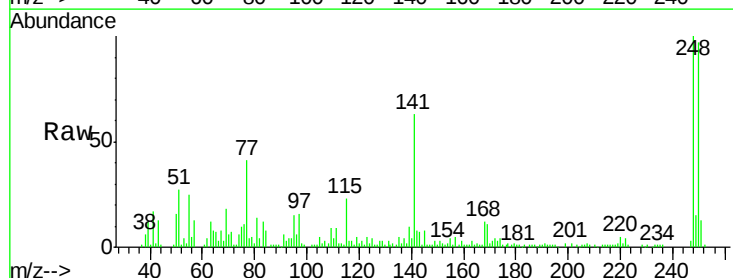
Tgt Ion:248 Resp: 68069

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

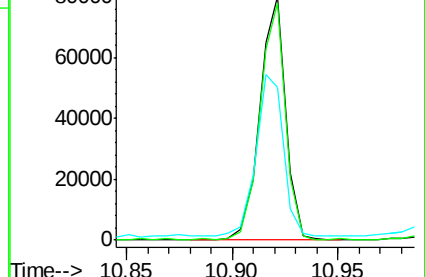
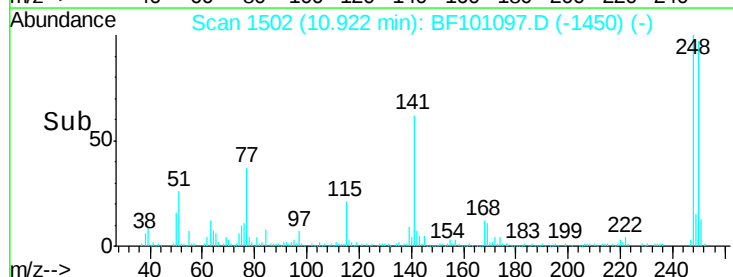
141 62.9 74.4 111.6#

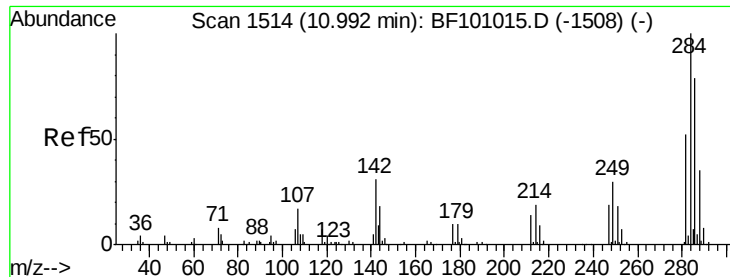


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

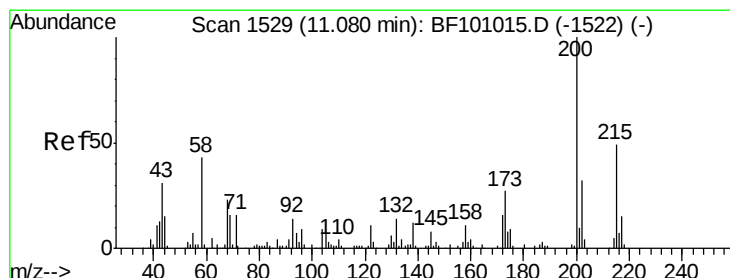
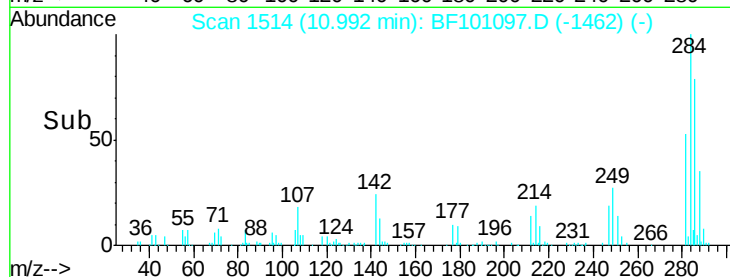
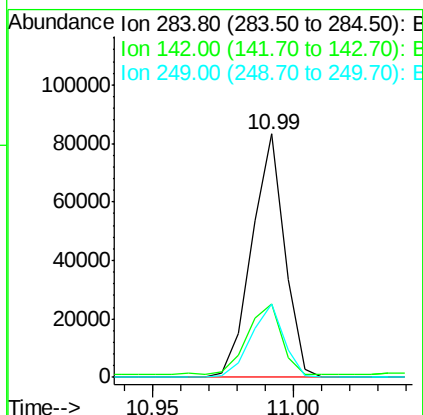
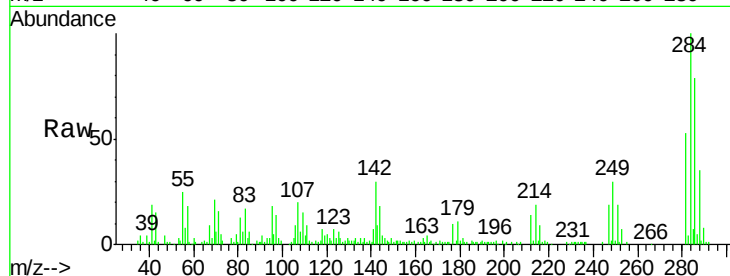




#67
Hexachlorobenzene
Concen: 35.54 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

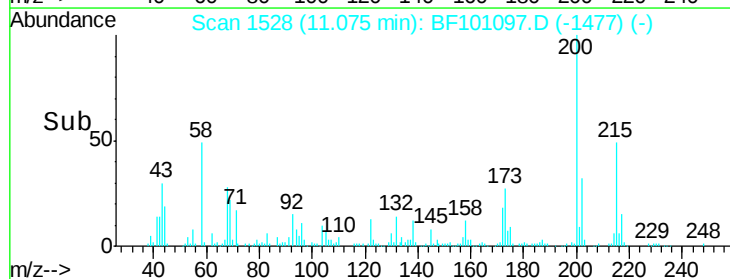
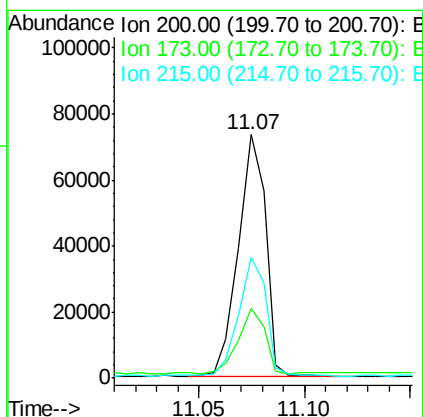
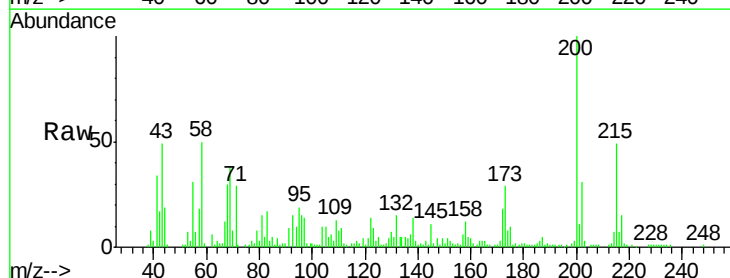
Instrument :
BNA_F
ClientSampleId :

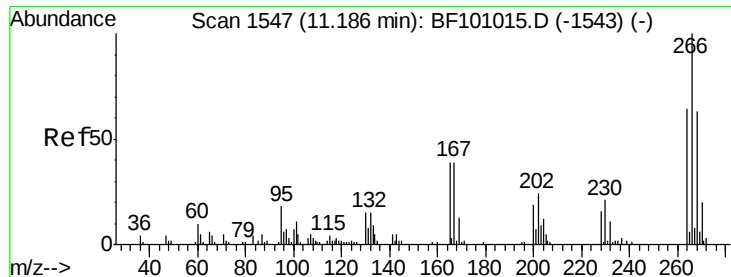
Tot Ion:284 Resp: 66860
Ion Ratio Lower Upper
284 100
142 30.2 34.6 52.0#
249 30.1 24.8 37.2



#68
Atrazine
Concen: 38.61 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:200 Resp: 65522
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 49.3 25.1 65.1

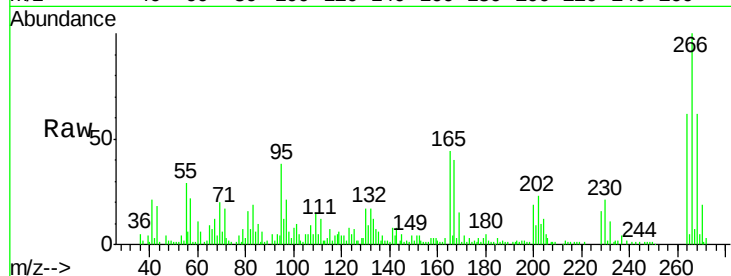




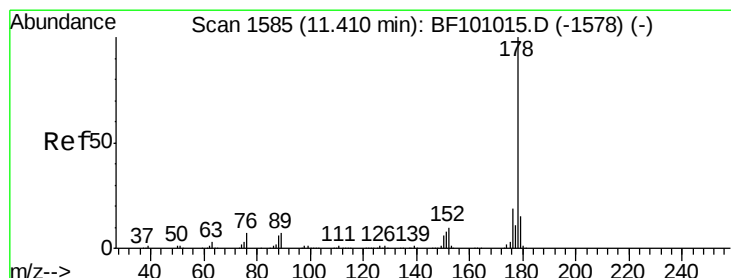
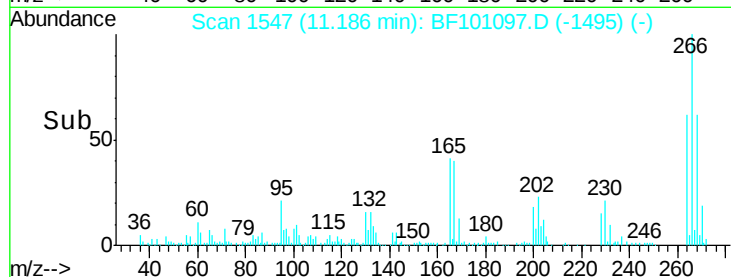
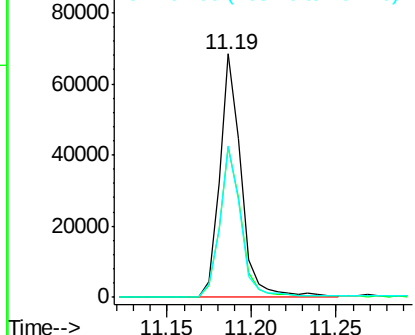
#69
 Pentachlorophenol
 Concen: 59.11 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 61148
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 62.3 49.5 74.3

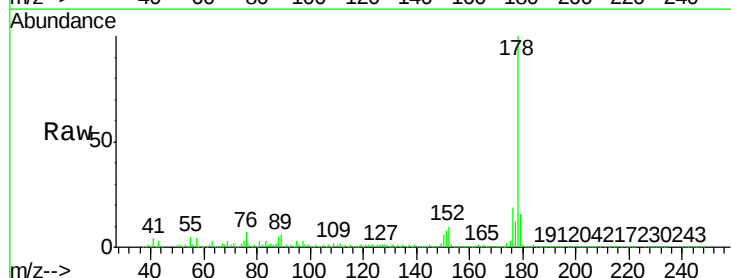


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

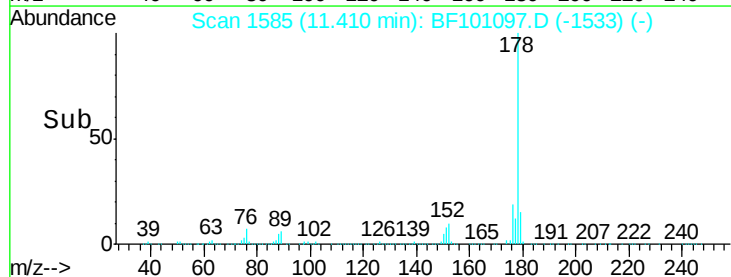
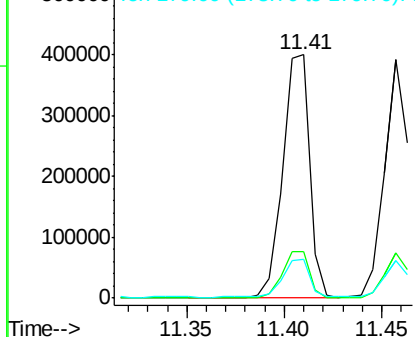


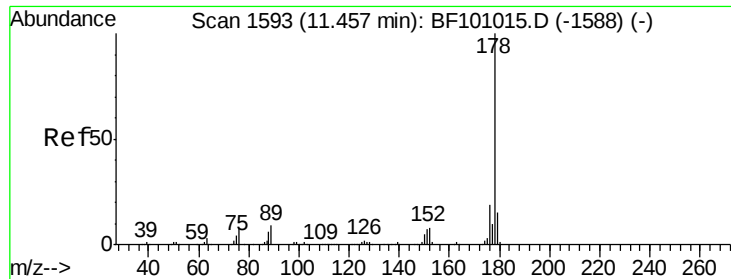
#70
 Phenanthrene
 Concen: 43.93 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:178 Resp: 379375
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.8 13.0 19.6



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

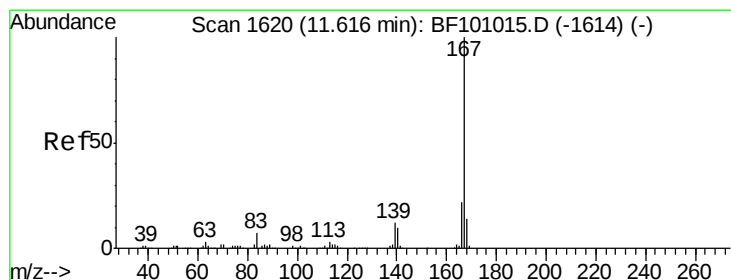
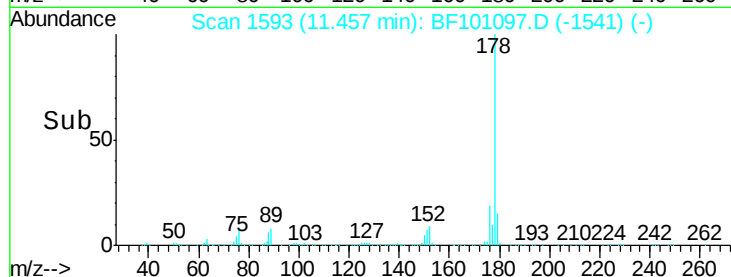
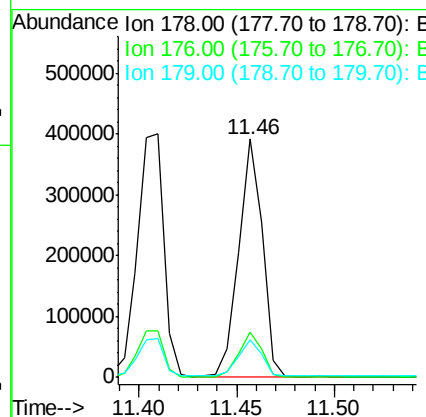
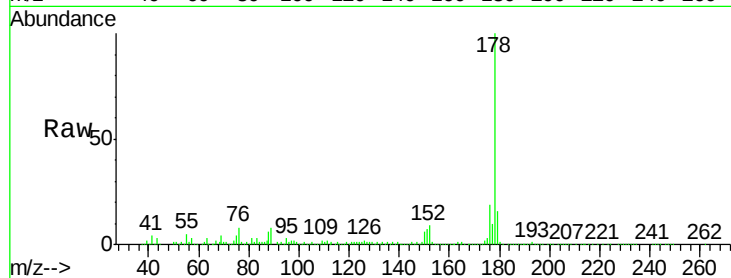




#71
 Anthracene
 Concen: 37.62 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

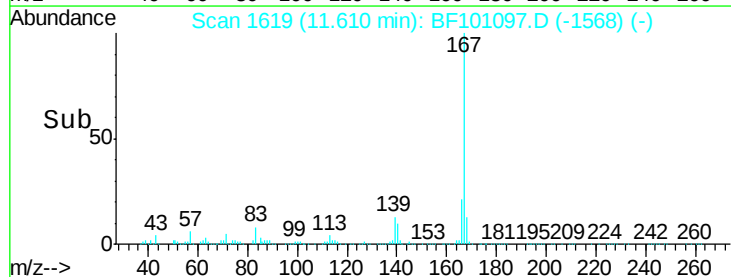
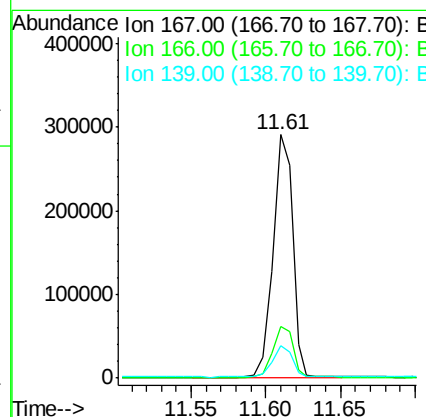
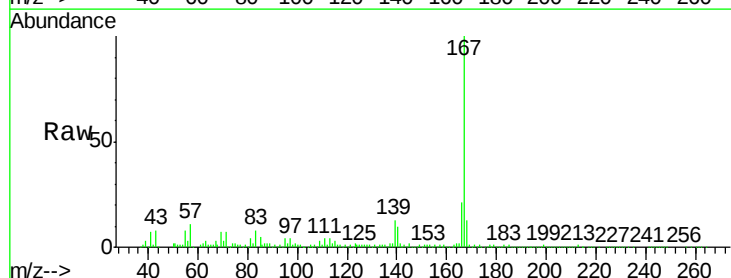
Instrument :
 BNA_F
 ClientSampleId :

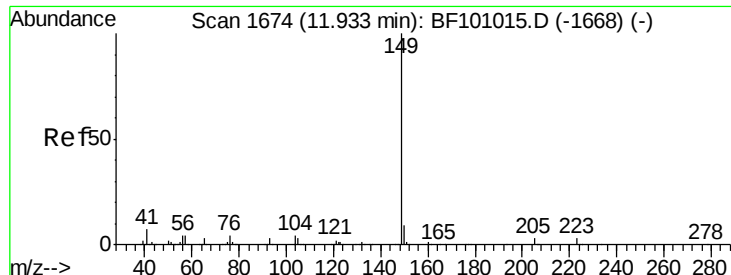
Tot Ion:178 Resp: 328777
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 32.83 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:167 Resp: 262169
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.77 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

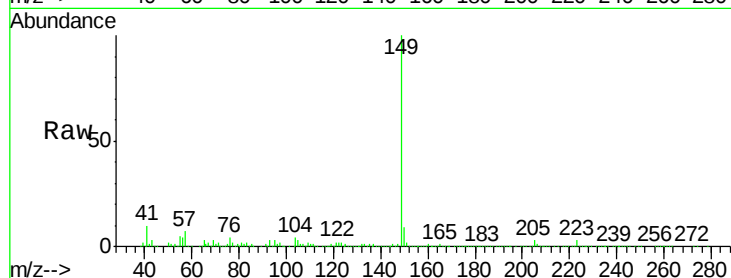
Tot Ion:149 Resp: 358034

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

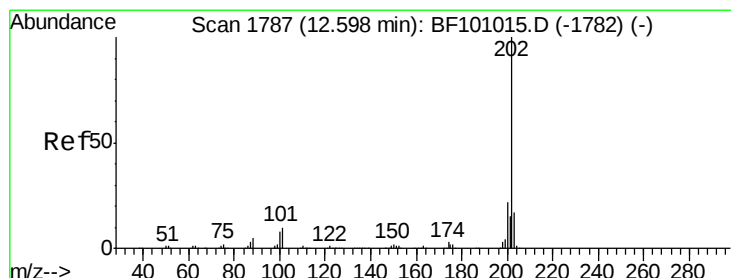
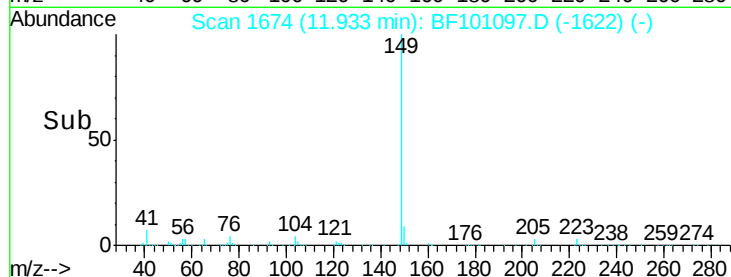
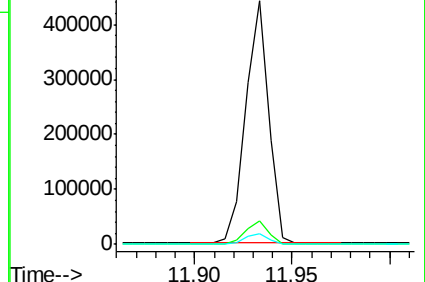
104 4.3 3.8 5.8



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: 46.28 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

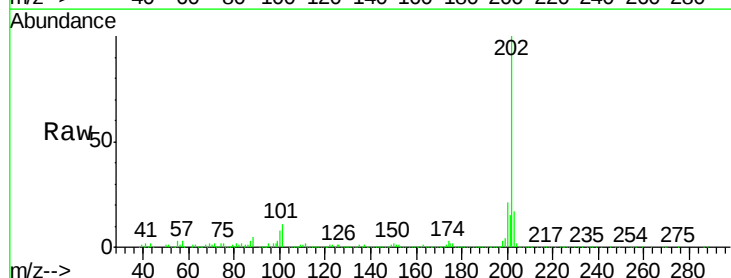
Tgt Ion:202 Resp: 443009

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

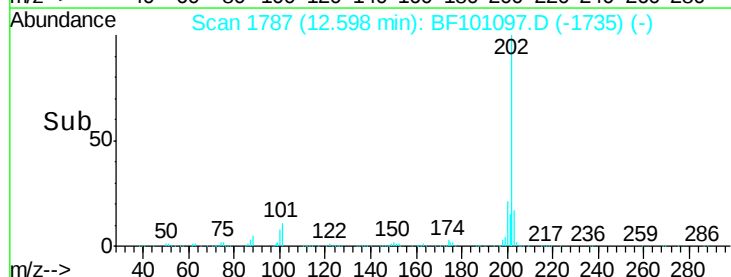
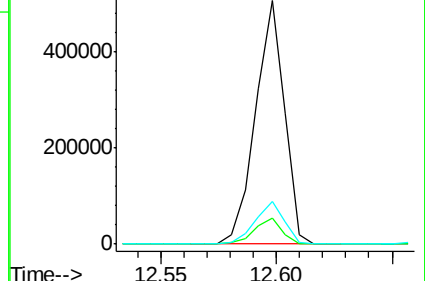
203 17.5 0.0 38.1

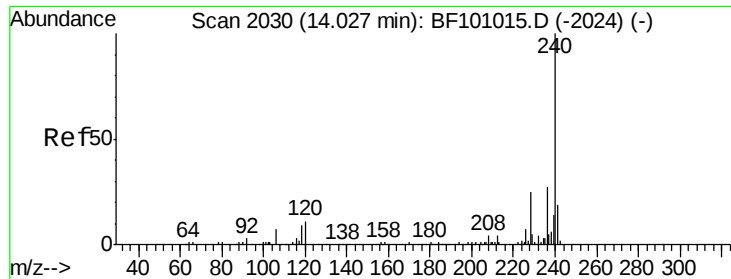


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

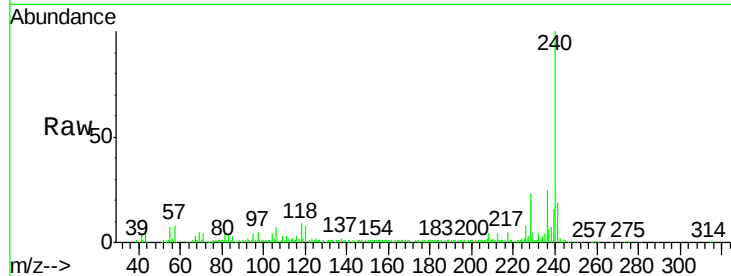
Tot Ion:240 Resp: 114877

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

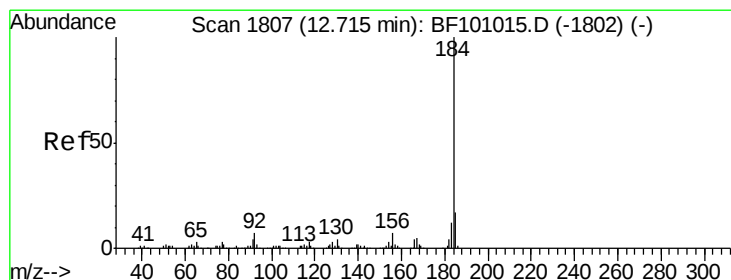
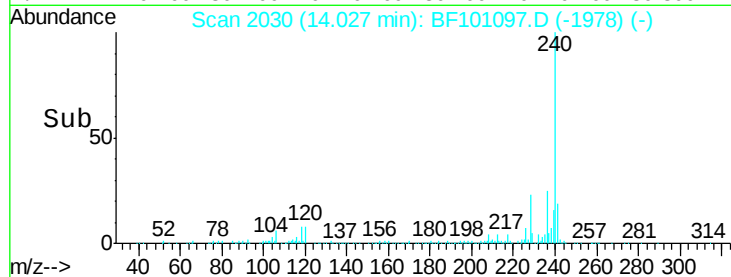
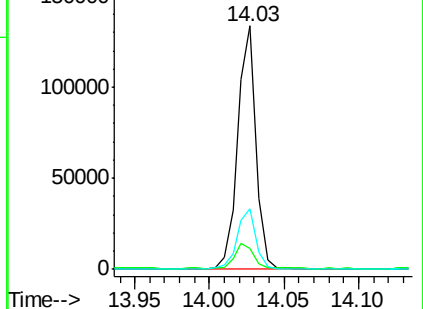
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.01 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

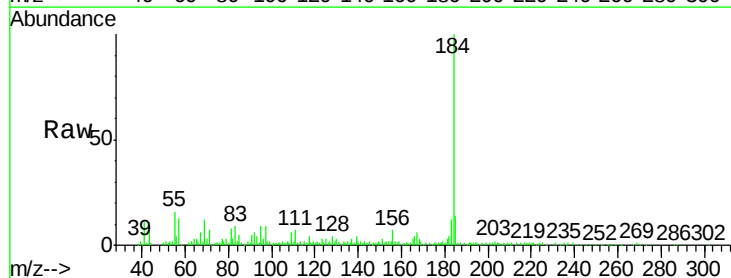
Tgt Ion:184 Resp: 89686

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

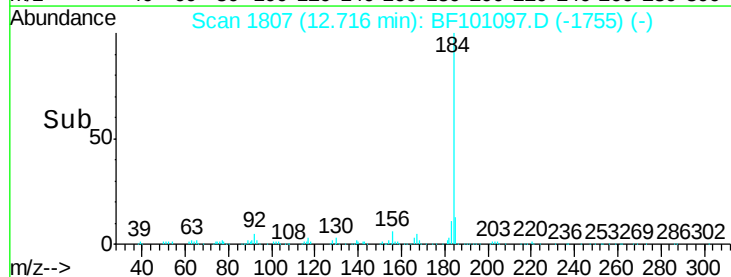
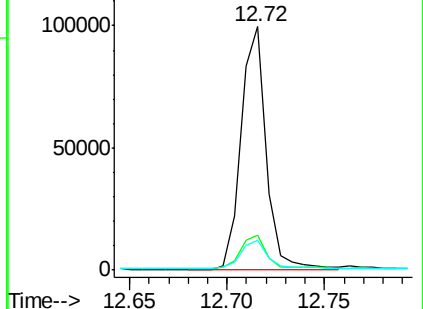
183 12.1 9.3 13.9

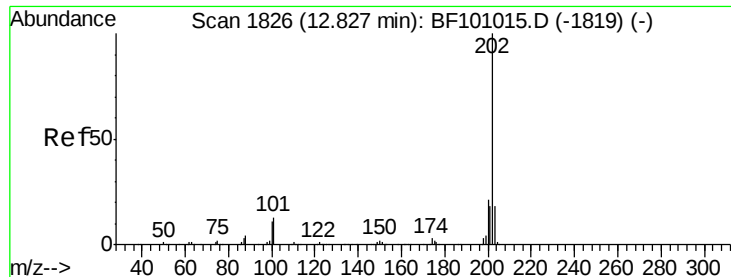


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.08 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

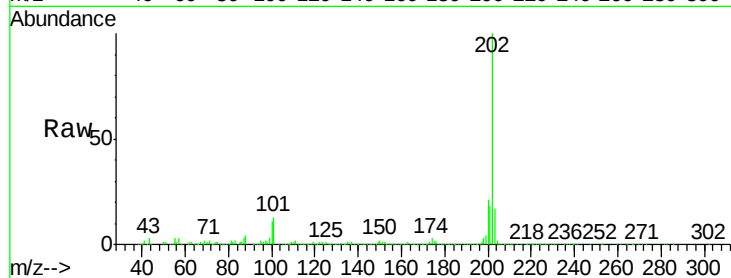
Tot Ion:202 Resp: 420774

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

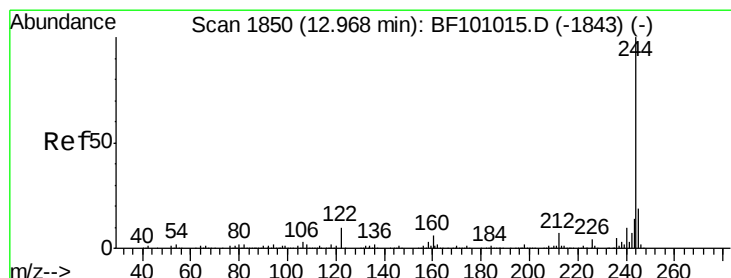
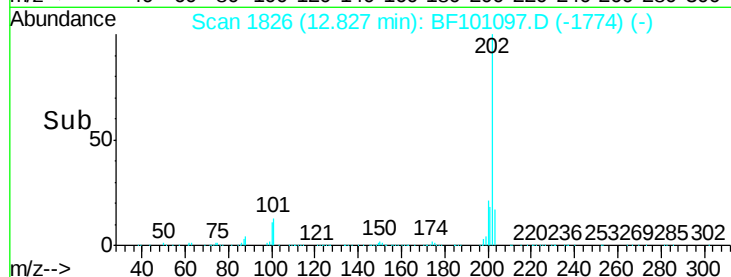
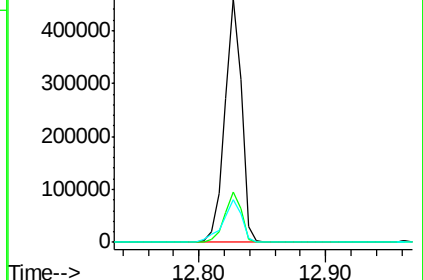
203 17.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.14 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

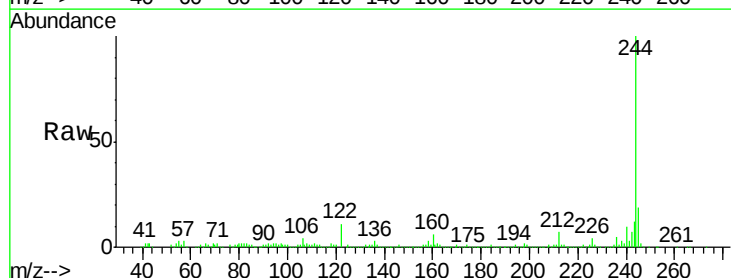
Tgt Ion:244 Resp: 389379

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

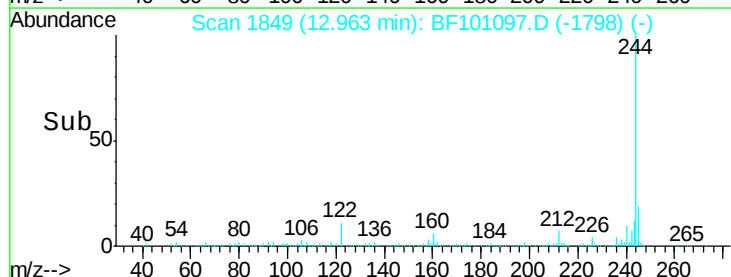
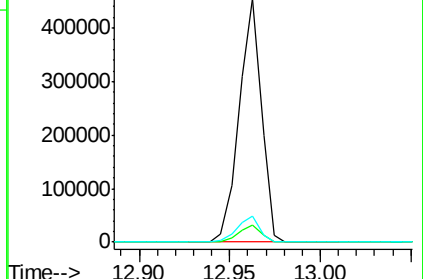
122 10.9 11.0 16.4#

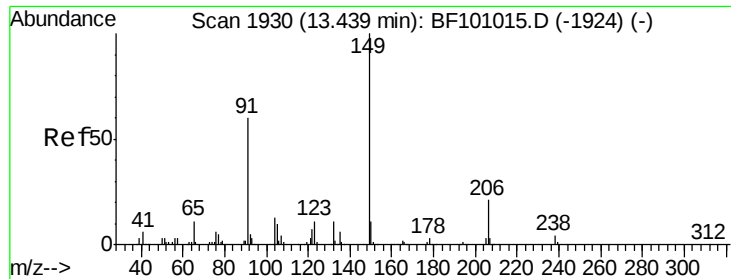


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

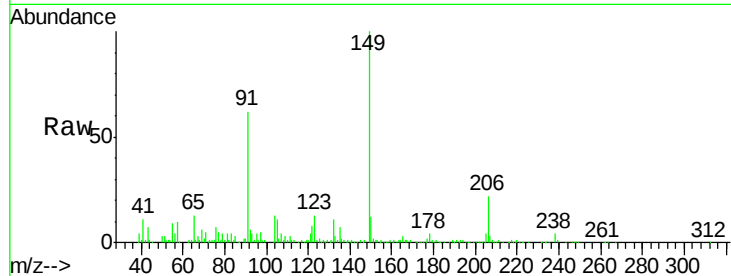




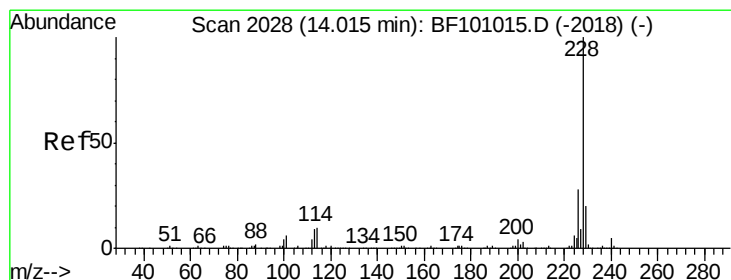
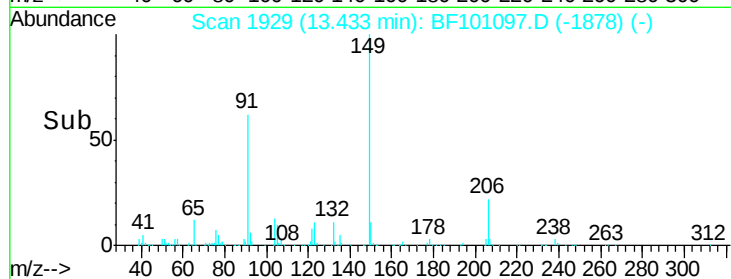
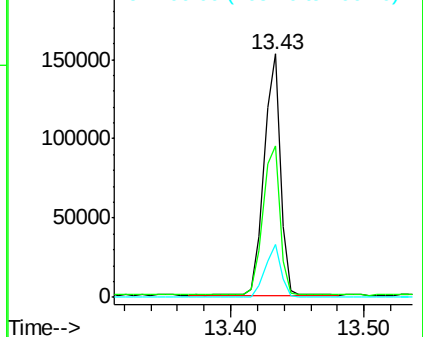
#79
Butylbenzylphthalate
Concen: 36.65 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 128070
Ion Ratio Lower Upper
149 100
91 62.5 56.8 85.2
206 22.0 14.1 21.1#

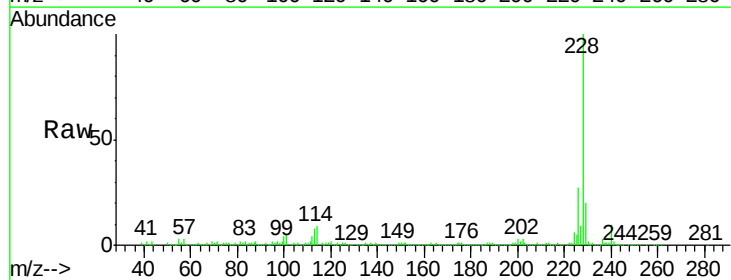


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

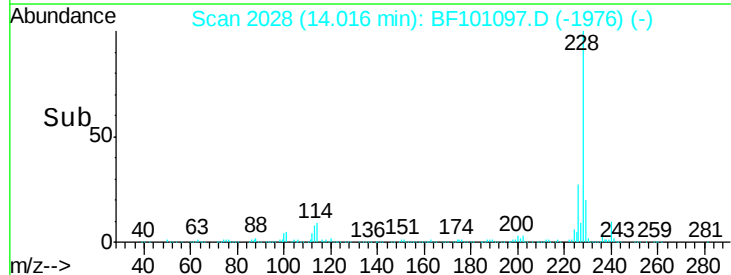
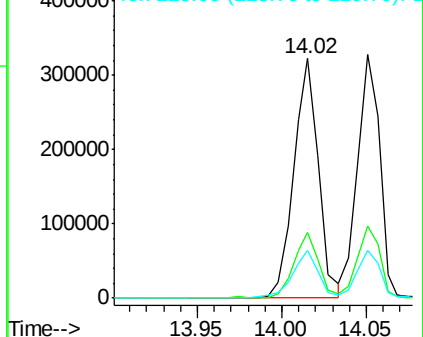


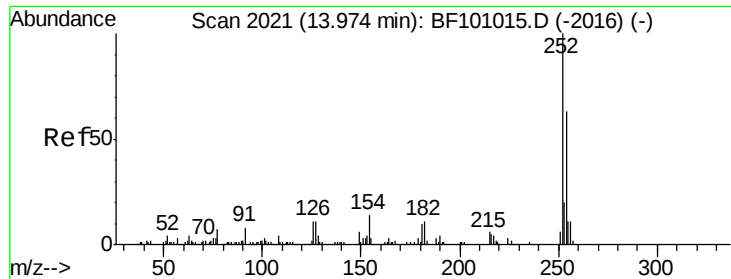
#80
Benzo(a)anthracene
Concen: 45.21 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion:228 Resp: 327894
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 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

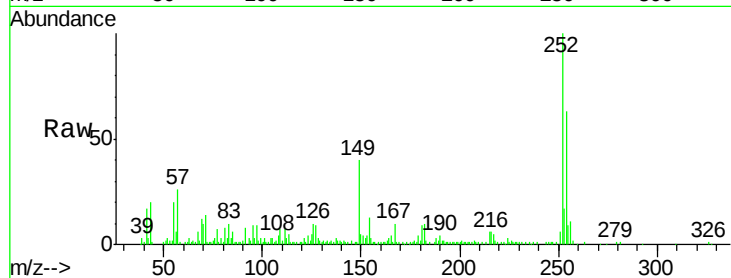




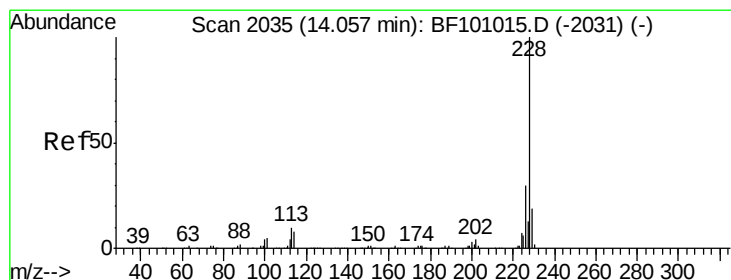
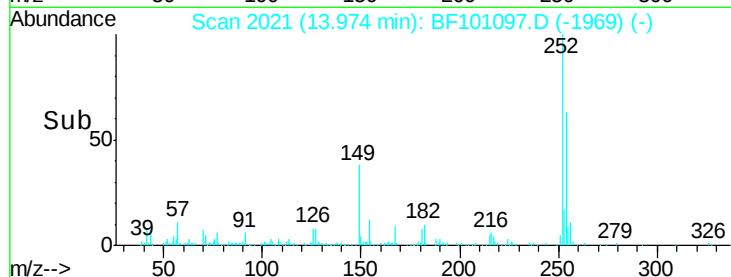
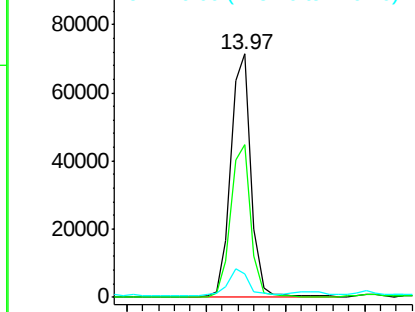
#81
 3,3'-Dichlorobenzidine
 Concen: 25.42 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 63845
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.4 75.6
 126 9.6 11.3 16.9#

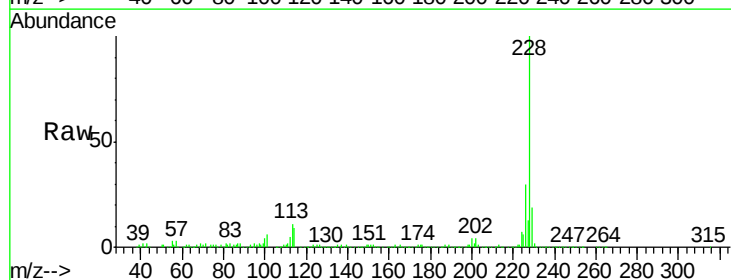


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

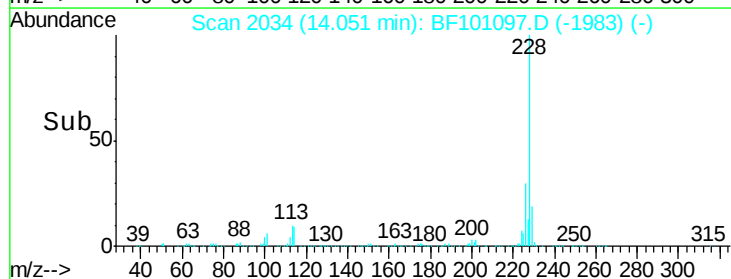
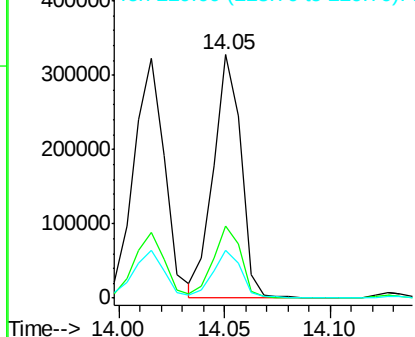


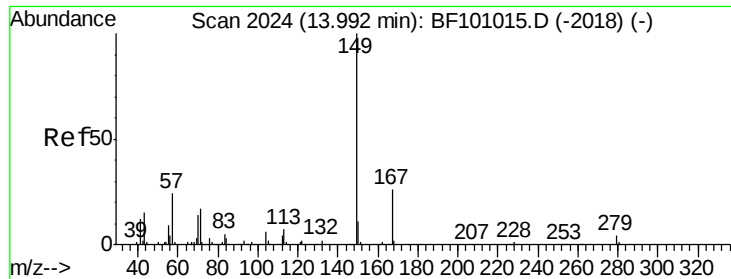
#82
 Chrysene
 Concen: 44.07 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:228 Resp: 296859
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 19.4 16.2 24.4



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

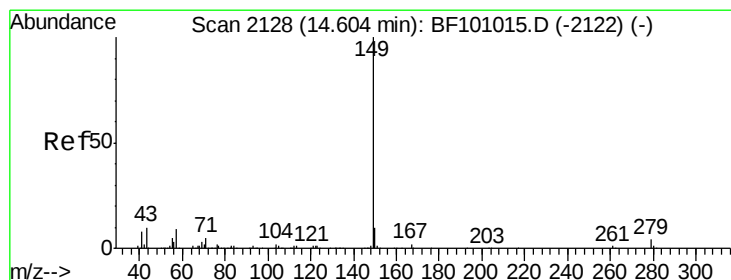
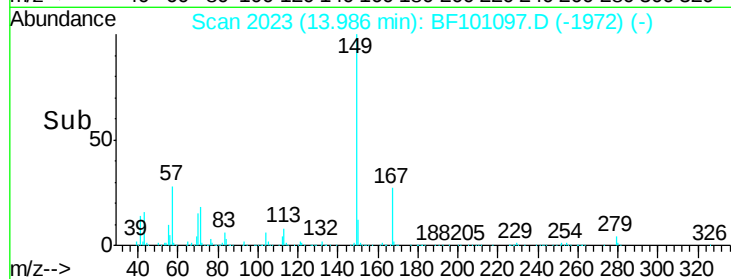
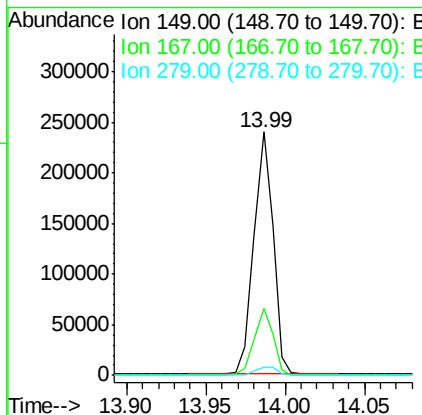
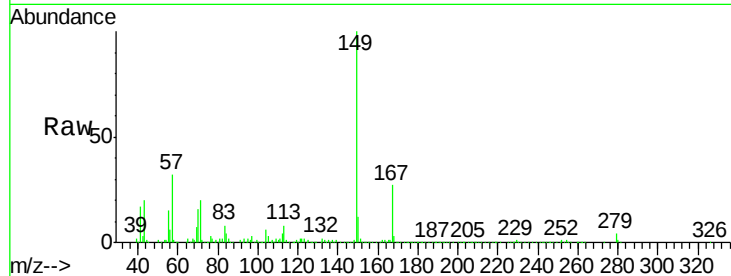




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.75 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

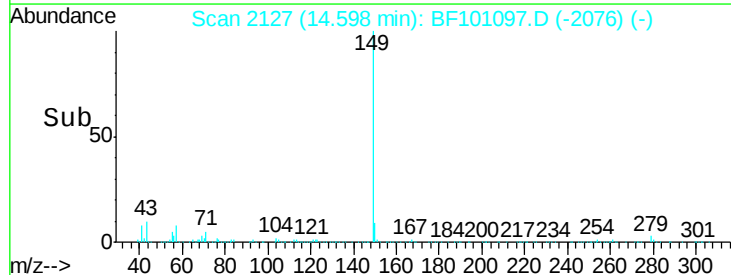
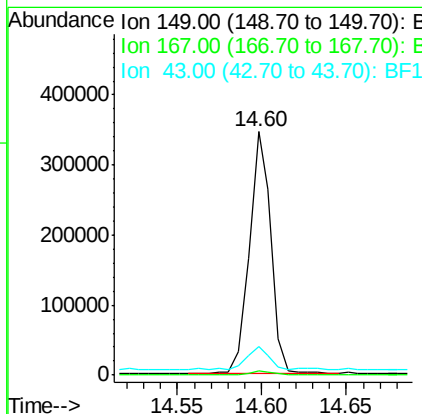
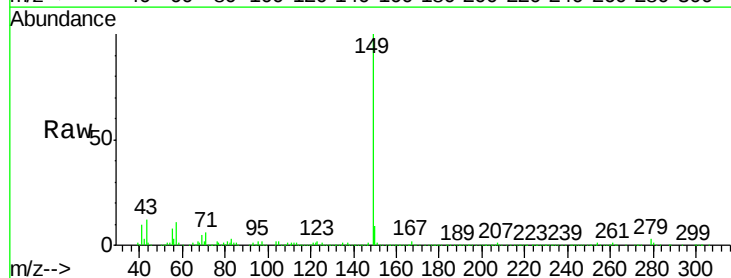
Instrument :
 BNA_F
 ClientSampleId :

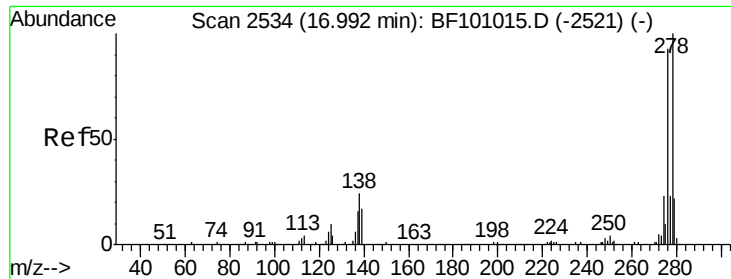
Tot Ion:149 Resp: 203041
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 36.90 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Tgt Ion:149 Resp: 306179
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.4 8.4 12.6

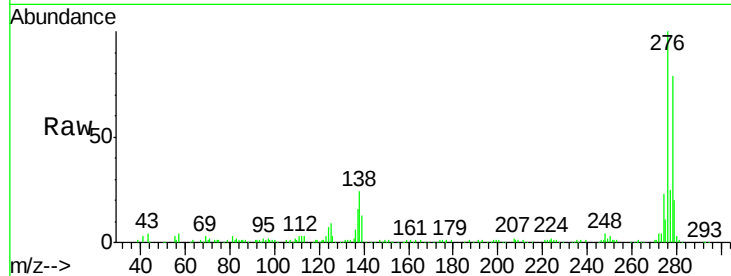




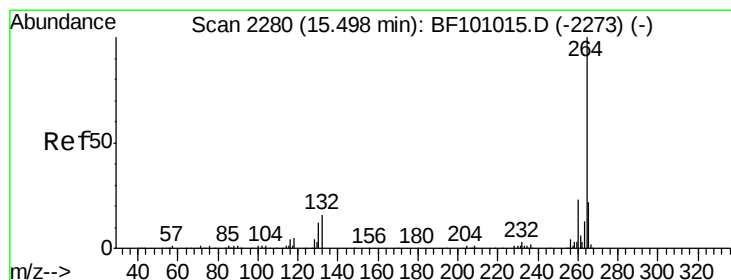
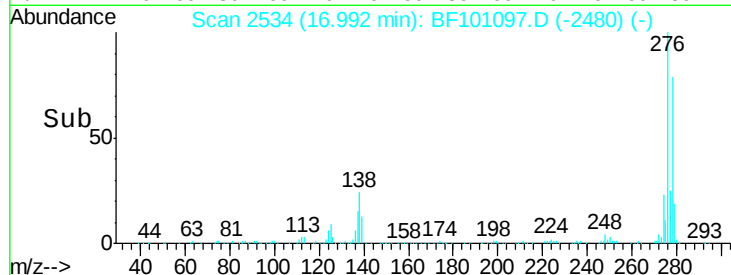
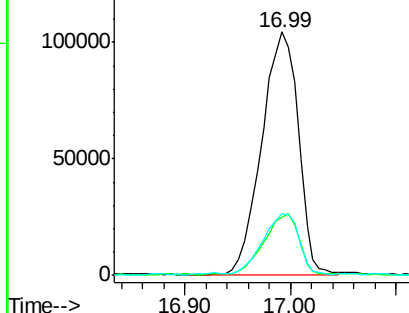
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.16 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	24.4	20.1	30.1

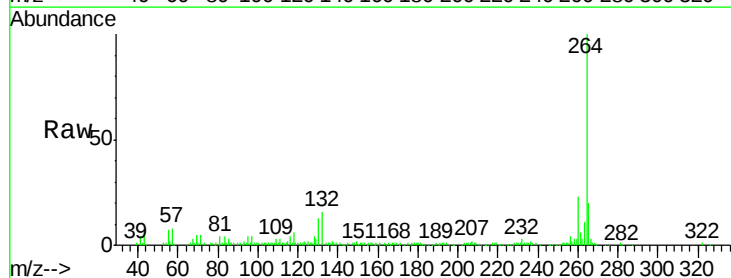


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

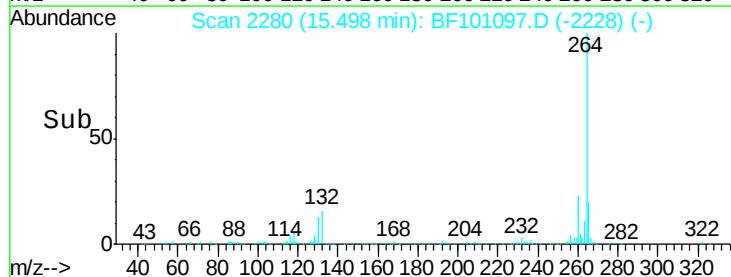
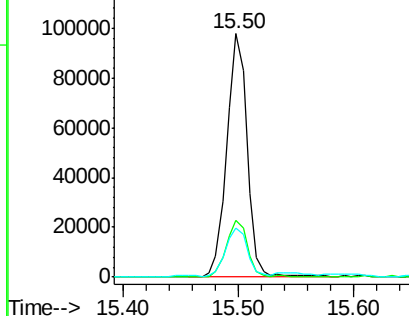


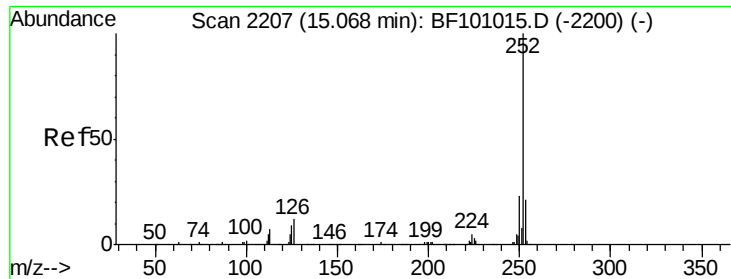
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101097.D
Acq: 4 Dec 2017 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.1	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 47.09 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

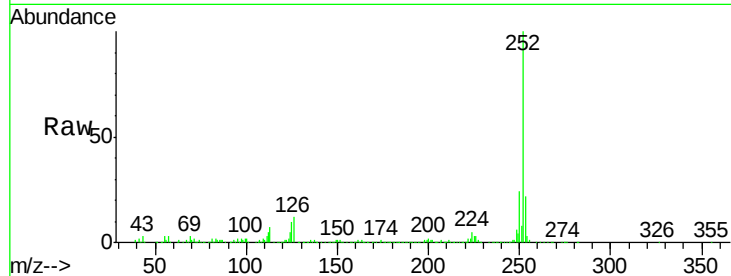
Tot Ion:252 Resp: 338259

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

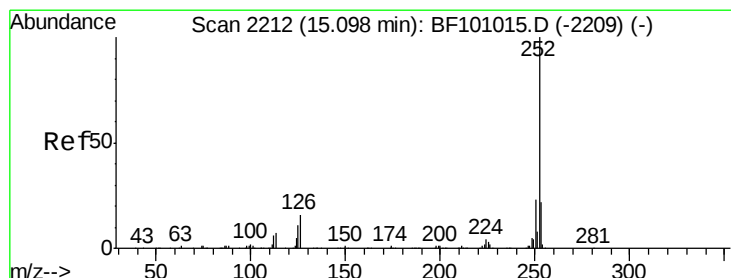
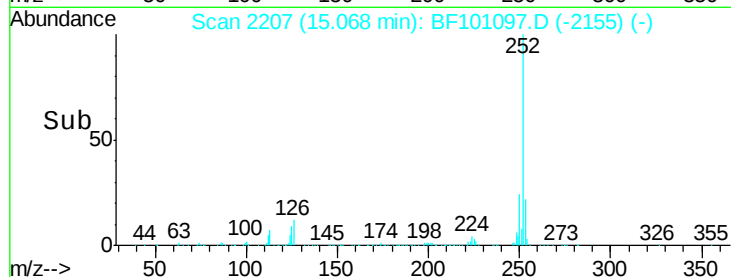
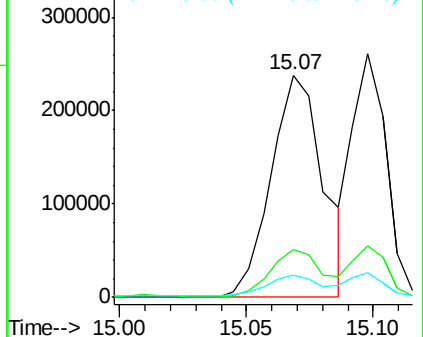
125 10.2 9.0 13.6



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: 34.72 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

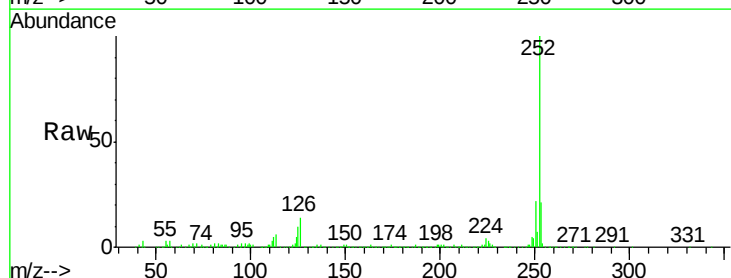
Tgt Ion:252 Resp: 245741

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

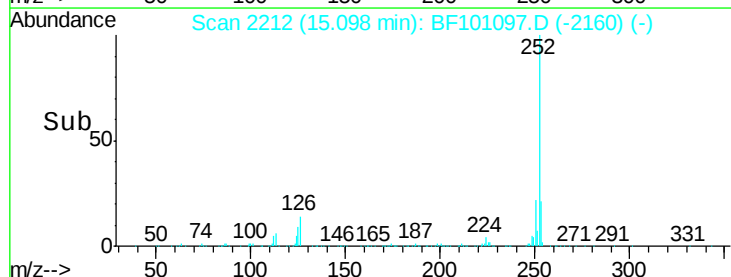
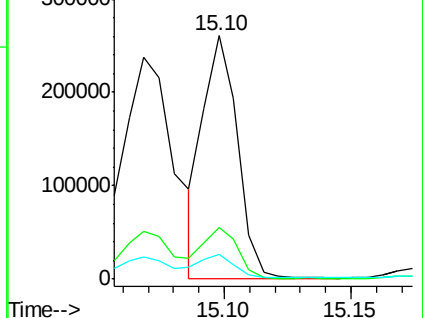
125 10.2 10.2 15.2

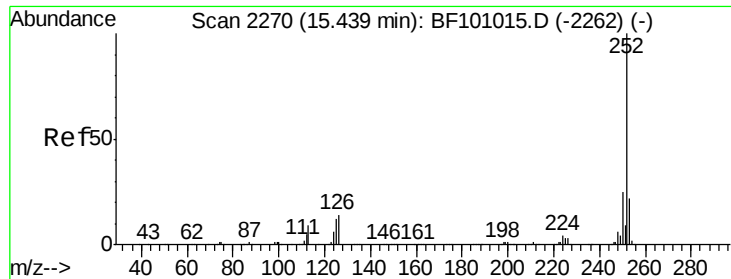


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.10 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

Instrument :

BNA_F

ClientSampleId :

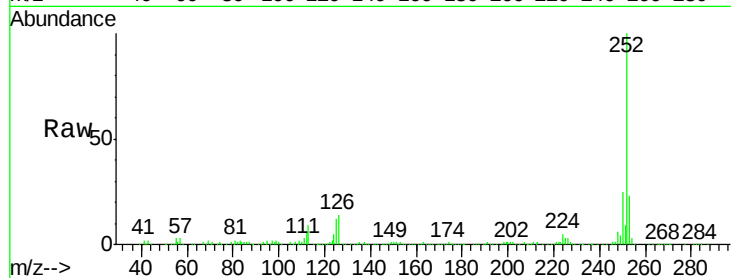
Tot Ion:252 Resp: 274935

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

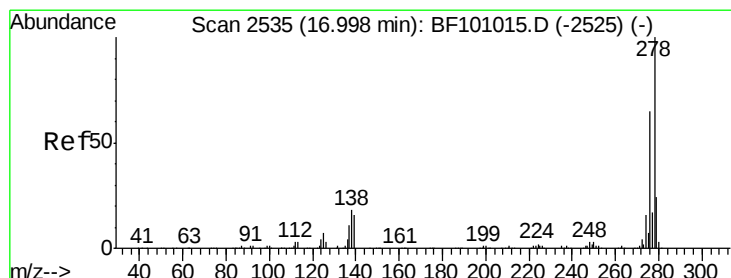
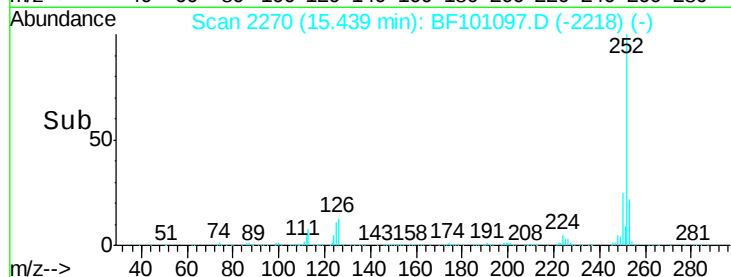
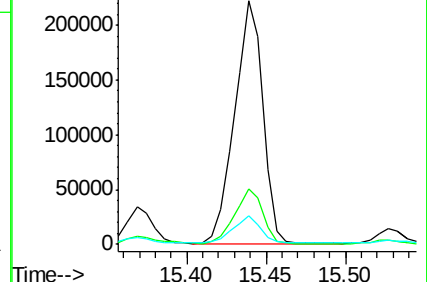
125 11.7 9.8 14.6



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: 33.59 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.02 min

Lab File: BF101097.D

Acq: 4 Dec 2017 14:55

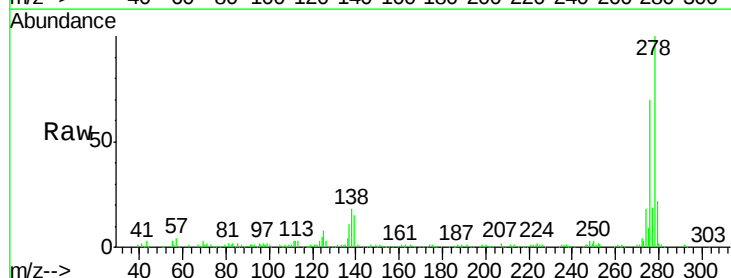
Tgt Ion:278 Resp: 193420

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

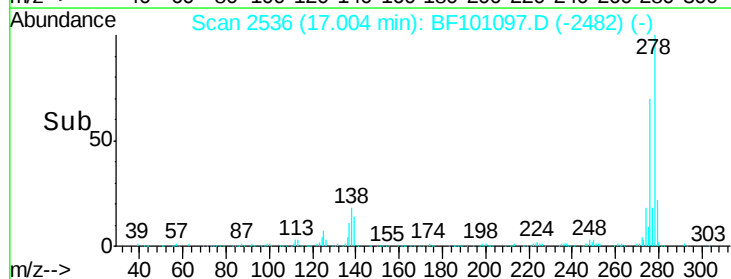
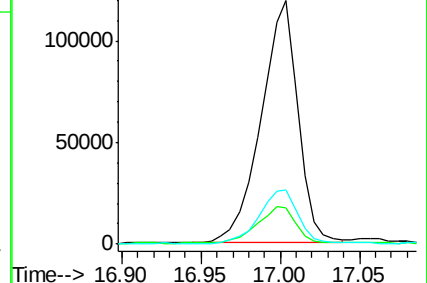
279 22.3 19.0 28.4

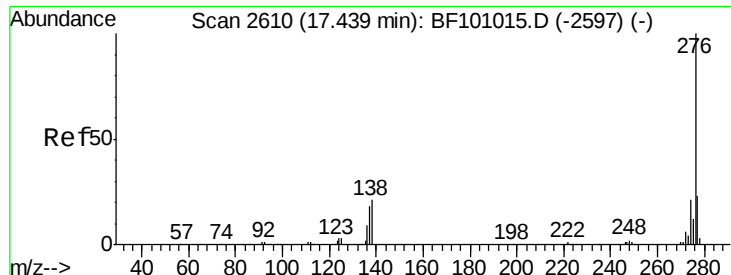


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

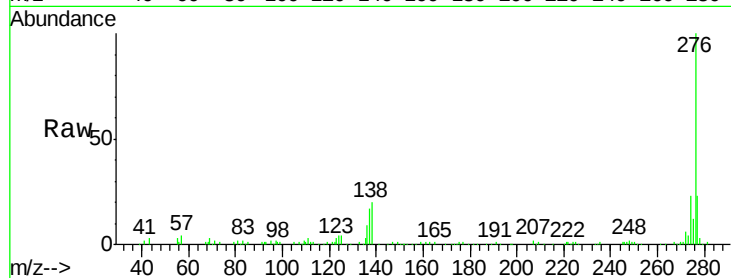




#91
 Benzo(a,h,i)perylene
 Concen: 37.39 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101097.D
 Acq: 4 Dec 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	20.2	21.8	32.8



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

