

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098300.D
 Acq On : 7 Sep 2017 4:36
 Operator : SJ/JU
 Sample : PB102084BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Quant Time: Sep 07 07:23:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104649	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	399689	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	154359	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	249836	20.00	ng	0.00
75) Chrysene-d12	13.85	240	212538	20.00	ng	-0.01
86) Perylene-d12	15.26	264	151997	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	579684	84.26	ng	0.00
7) Phenol-d6	6.35	99	771005	82.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	669126	90.95	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	103116	76.99	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	941939	89.65	ng	0.00
78) Terphenyl-d14	12.80	244	680303	66.75	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	134816	35.14	ng	# 87
3) Pyridine	3.09	79	392637	37.02	ng	85
4) n-Nitrosodimethylamine	3.06	42	144869	35.50	ng	# 68
6) Aniline	6.36	93	327517	24.94	ng	# 46
8) 2-Chlorophenol	6.49	128	303833	41.88	ng	98
9) Benzaldehyde	6.25	77	77340	13.06	ng	90
10) Phenol	6.36	94	430940	39.42	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	338832	41.06	ng	94
12) 1,3-Dichlorobenzene	6.64	146	308863	39.57	ng	97
13) 1,4-Dichlorobenzene	6.72	146	309814	39.03	ng	94
14) 1,2-Dichlorobenzene	6.87	146	284749	38.91	ng	99
15) Benzyl Alcohol	6.85	79	269868	38.56	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	418339	37.68	ng	85
17) 2-Methylphenol	6.97	107	268162	41.94	ng	# 93
18) Hexachloroethane	7.20	117	95179	30.58	ng	# 79
19) n-Nitroso-di-n-propylamine	7.12	70	232671	36.36	ng	89
20) 3+4-Methylphenols	7.12	107	324182	41.51	ng	# 75
22) Acetophenone	7.11	105	430051	40.73	ng	# 85
24) Nitrobenzene	7.29	77	361971	44.19	ng	94
25) Isophorone	7.52	82	639408	41.79	ng	96
26) 2-Nitrophenol	7.60	139	119690	41.17	ng	# 80
27) 2,4-Dimethylphenol	7.65	122	262676	41.17	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	419140	41.67	ng	98
29) 2,4-Dichlorophenol	7.85	162	218267	41.21	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	232580	39.61	ng	99
31) Naphthalene	8.00	128	825746	39.80	ng	100
32) Benzoic acid	7.77	122	96236	24.34	ng	89
33) 4-Chloroaniline	8.06	127	187473	21.42	ng	98
34) Hexachlorobutadiene	8.12	225	134789	39.32	ng	100
35) Caprolactam	8.43	113	72172	40.08	ng	93
36) 4-Chloro-3-methylphenol	8.55	107	254141	37.35	ng	# 80
37) 2-Methylnaphthalene	8.70	142	511483	40.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	204528	43.17	ng	99
40) Hexachlorocyclopentadiene	8.85	237	15912	6.99	ng	98

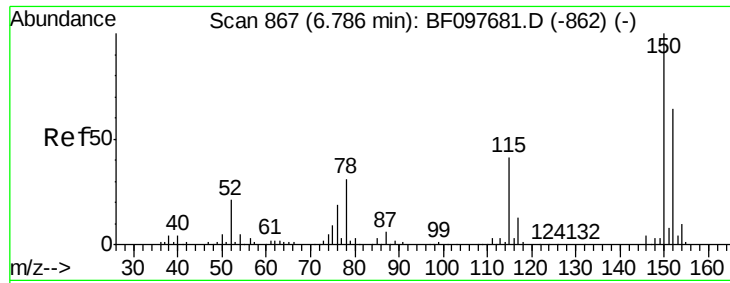
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	133029	41.83	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	134868	42.74	nq	96
45) 1,1'-Biphenyl	9.16	154	591643	42.03	nq	94
46) 2-Chloronaphthalene	9.19	162	421567	40.53	nq	94
47) 2-Nitroaniline	9.29	65	167907	48.16	nq	95
48) Acenaphthylene	9.60	152	663567	40.63	nq	99
49) Dimethylphthalate	9.46	163	528381	46.83	nq	99
50) 2,6-Dinitrotoluene	9.53	165	94998	42.18	nq	# 68
51) Acenaphthene	9.77	154	386274	37.50	nq	100
52) 3-Nitroaniline	9.70	138	115385	39.71	nq	96
53) 2,4-Dinitrophenol	9.81	184	5389	14.53	nq	# 83
54) Dibenzofuran	9.94	168	580796	42.07	nq	98
55) 4-Nitrophenol	9.87	139	141854	61.20	nq	# 53
56) 2,4-Dinitrotoluene	9.93	165	106888	37.82	nq	# 47
57) Fluorene	10.28	166	421576	39.50	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.06	232	99391	40.69	nq	91
59) Diethylphthalate	10.16	149	517509	43.86	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	204780	41.30	nq	87
61) 4-Nitroaniline	10.31	138	120604	43.67	nq	82
62) Azobenzene	10.43	77	544813	38.87	nq	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	5449	12.15	nq	95
65) n-Nitrosodiphenylamine	10.40	169	384810	45.23	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	117503	45.29	nq	95
67) Hexachlorobenzene	10.83	284	111081	42.01	nq	# 85
68) Atrazine	10.93	200	106317	47.12	nq	99
69) Pentachlorophenol	11.03	266	92401	59.93	nq	98
70) Phenanthrene	11.24	178	559486	42.03	nq	99
71) Anthracene	11.29	178	580122	42.96	nq	98
72) Carbazole	11.45	167	543693	42.42	nq	98
73) Di-n-butylphthalate	11.78	149	711691	48.21	nq	99
74) Fluoranthene	12.43	202	597264	42.98	nq	98
76) Benzidine	12.56	184	513405	73.67	nq	# 92
77) Pyrene	12.66	202	628143	36.14	nq	98
79) Butylbenzylphthalate	13.27	149	292185	43.84	nq	# 72
80) Benzo(a)anthracene	13.84	228	513674	40.33	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	201504	46.88	nq	# 97
82) Chrysene	13.88	228	496173	39.16	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	387248	52.44	nq	# 100
84) Di-n-octyl phthalate	14.44	149	726900	56.57	nq	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	341743	36.66	nq	96
87) Benzo(b)fluoranthene	14.86	252	417826	43.61	nq	97
88) Benzo(k)fluoranthene	14.89	252	390305	43.36	nq	# 95
89) Benzo(a)pyrene	15.20	252	371685	43.82	nq	97
90) Dibenzo(a,h)anthracene	16.63	278	287102	41.58	nq	99
91) Benzo(g,h,i)perylene	17.03	276	284449	39.48	nq	93

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

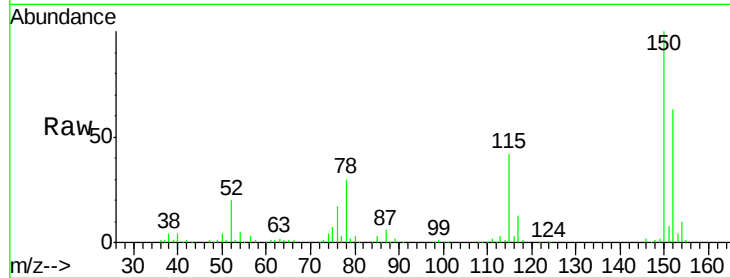


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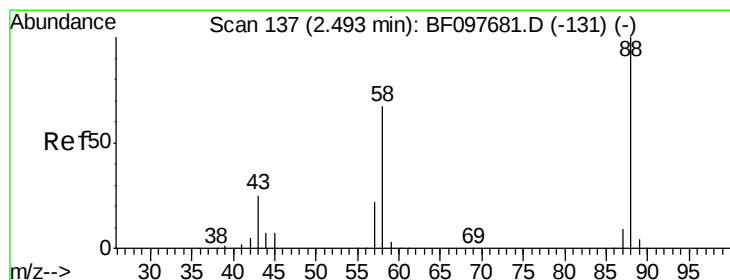
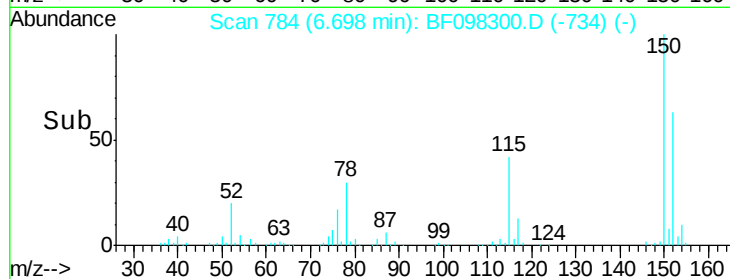
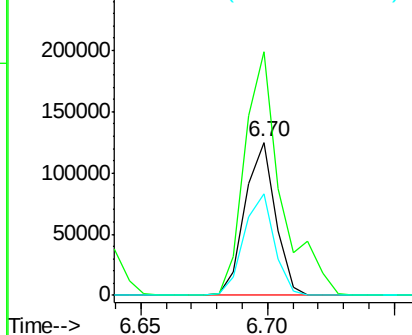
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Instrument :
BNA_F
ClientSampleId :
PB102084BS

Tot Ion:152 Resp: 104649
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 66.3 52.2 78.2



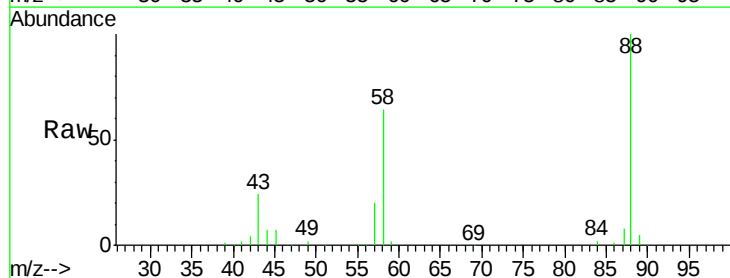
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



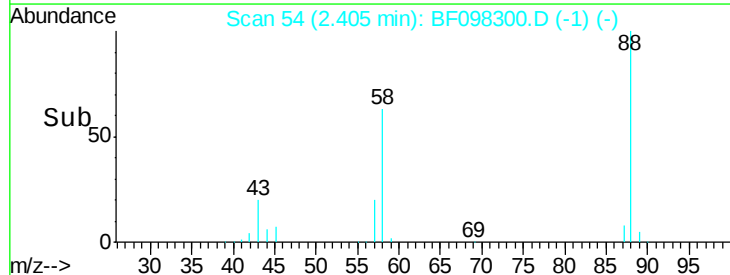
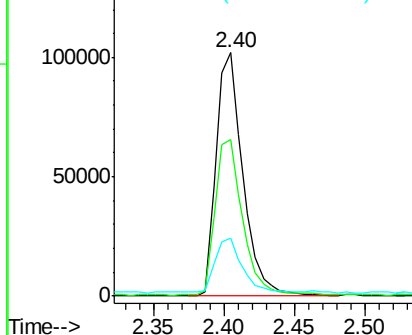
#2

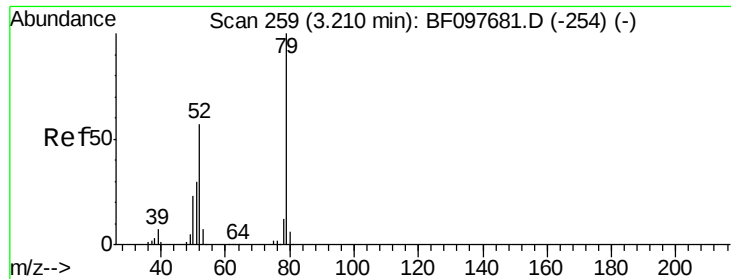
1,4-Dioxane
Concen: 35.14 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.08 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion: 88 Resp: 134816
Ion Ratio Lower Upper
88 100
58 64.7 61.4 92.0
43 23.1 23.4 35.0#



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





#3

Pvridine

Concen: 37.02 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.08 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

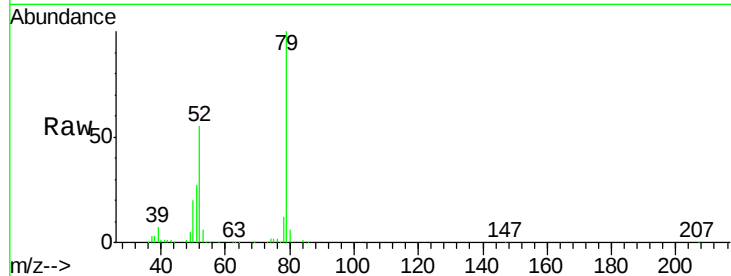
Tot Ion: 79 Resp: 392637

Ion Ratio Lower Upper

79 100

52 55.3 54.8 82.2

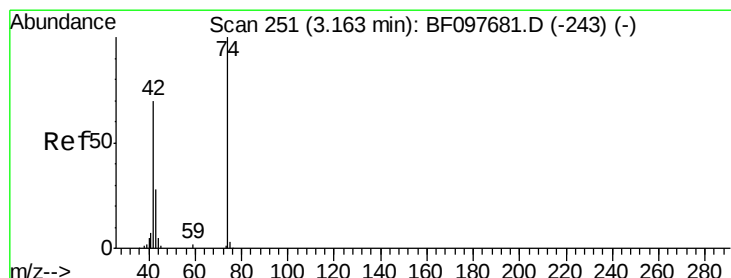
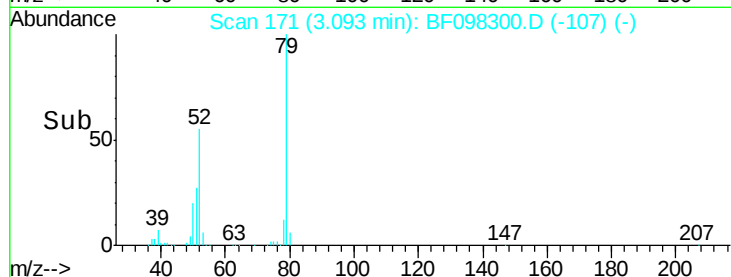
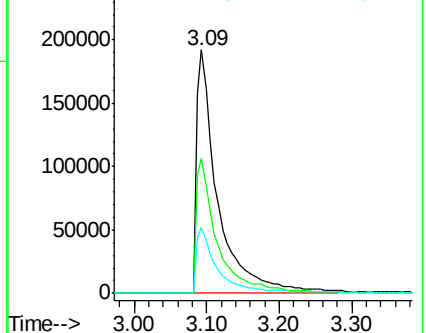
51 27.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.50 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.07 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

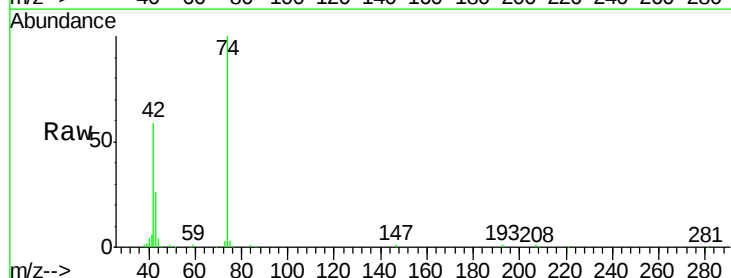
Tgt Ion: 42 Resp: 144869

Ion Ratio Lower Upper

42 100

74 168.6 103.9 155.9#

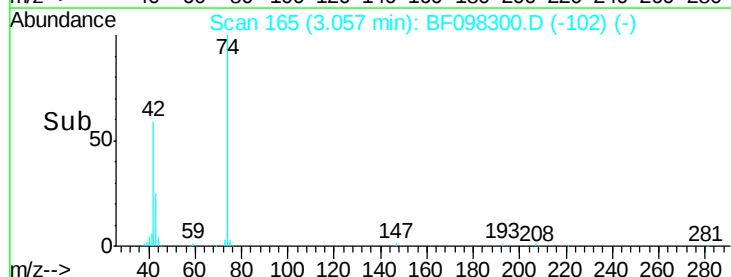
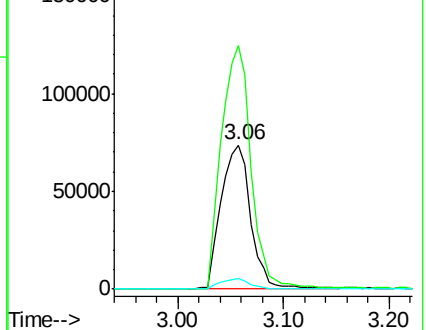
44 7.0 5.7 8.5

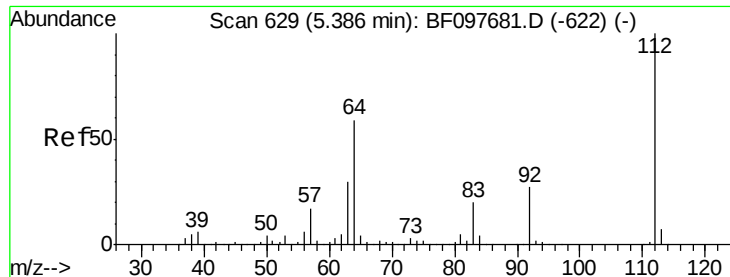


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.26 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

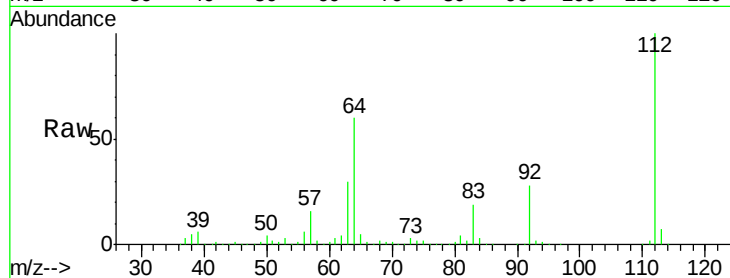
Tot Ion:112 Resp: 579684

Ion Ratio Lower Upper

112 100

64 59.6 46.0 69.0

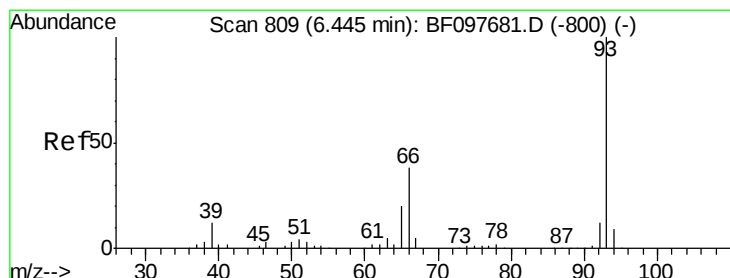
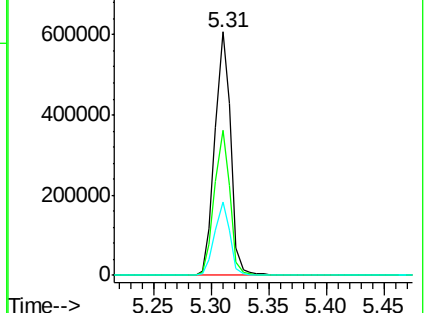
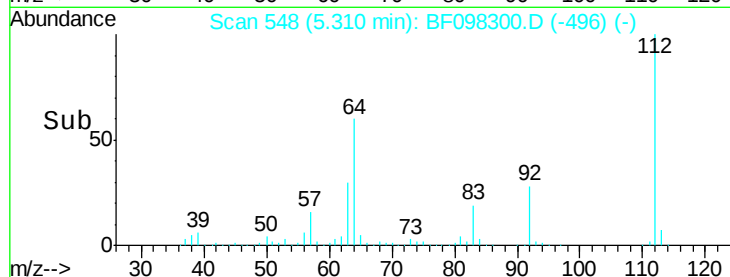
63 30.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.94 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

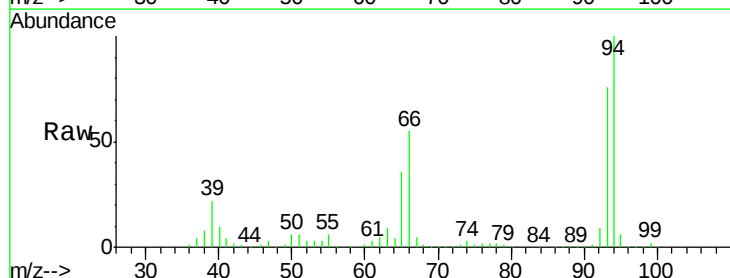
Tgt Ion: 93 Resp: 327517

Ion Ratio Lower Upper

93 100

66 72.8 32.9 49.3#

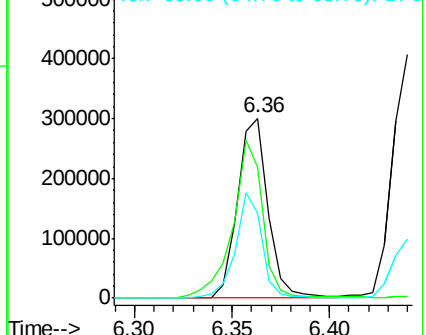
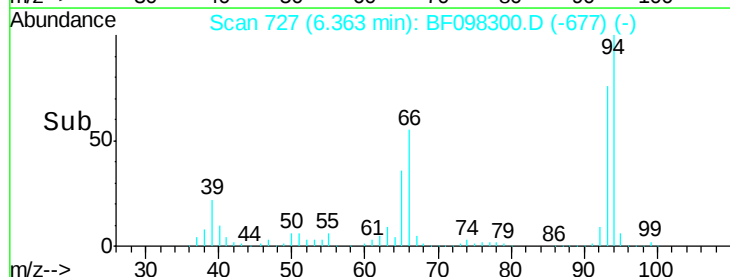
65 47.3 16.0 24.0#

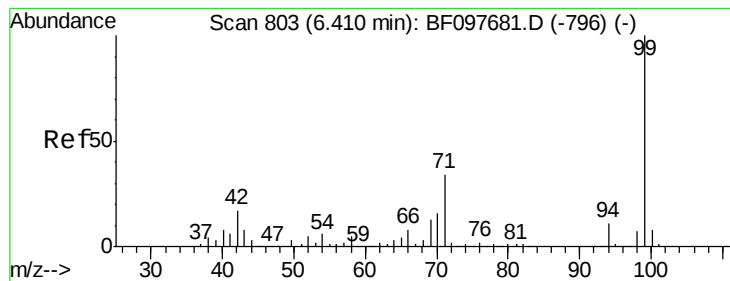


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.48 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

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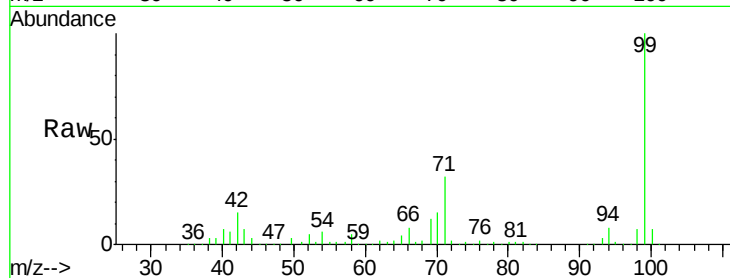
Tot Ion: 99 Resp: 771005

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

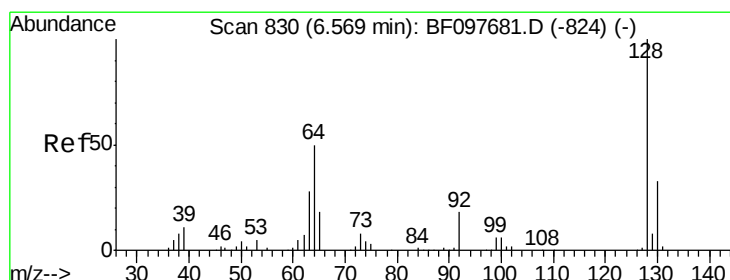
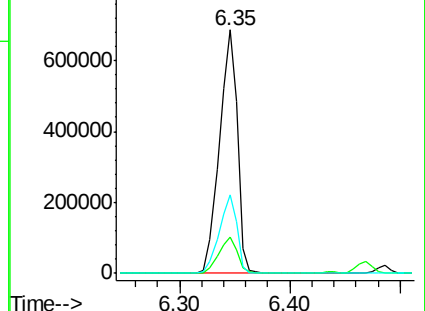
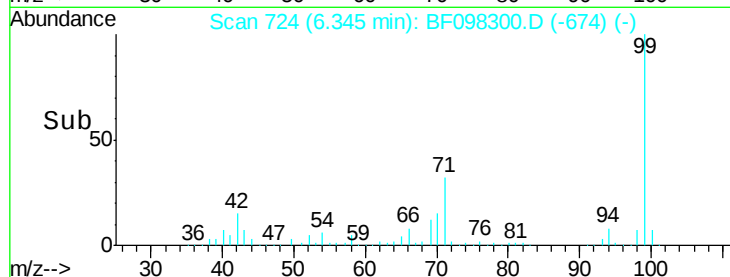
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.88 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

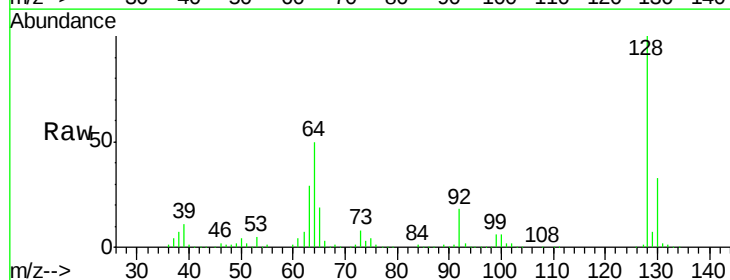
Tgt Ion: 128 Resp: 303833

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

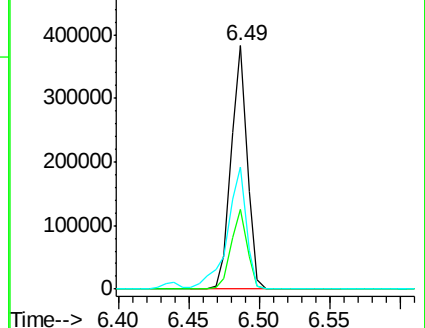
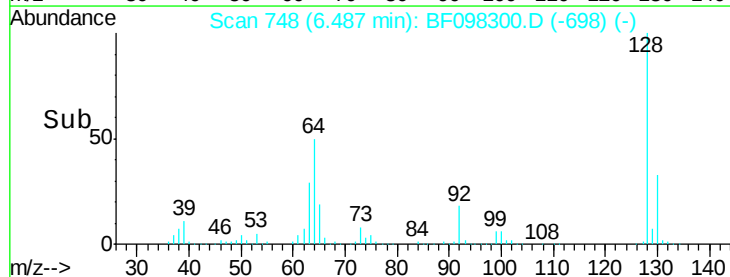
64 50.0 28.4 68.4

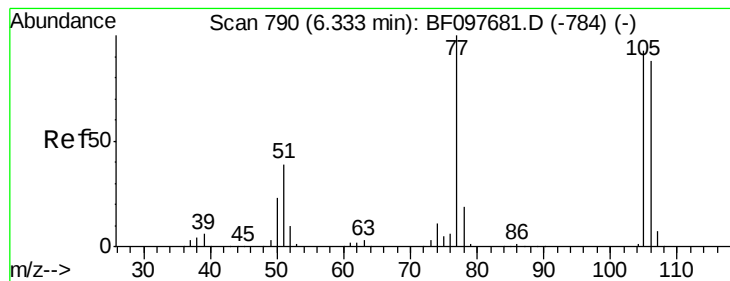


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.06 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

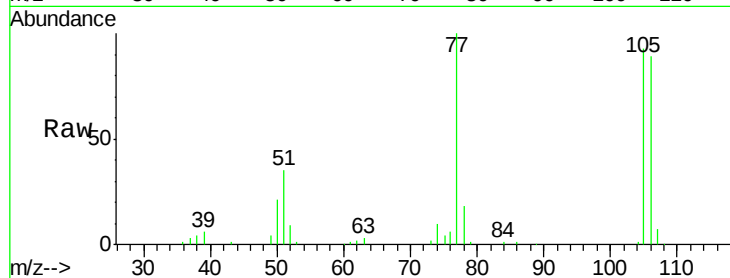
Tot Ion: 77 Resp: 77340

Ion Ratio Lower Upper

77 100

105 92.7 83.8 123.8

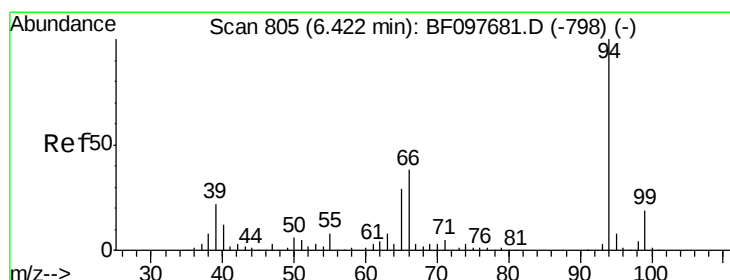
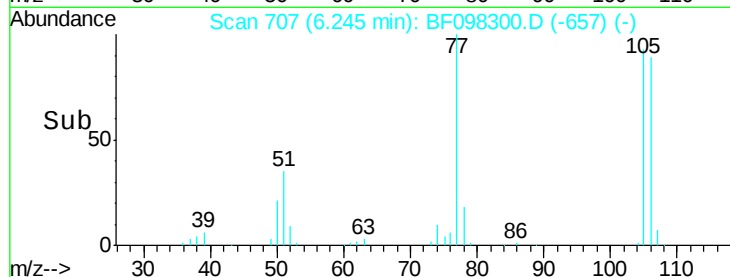
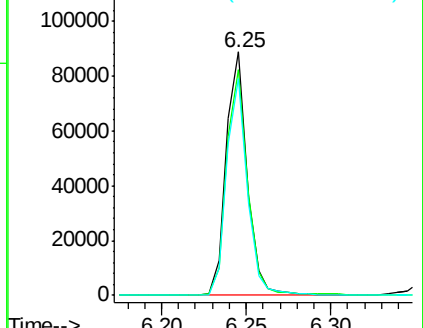
106 89.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.42 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

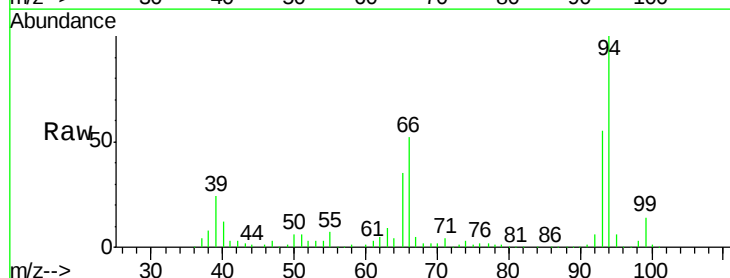
Tgt Ion: 94 Resp: 430940

Ion Ratio Lower Upper

94 100

65 34.7 9.9 49.9

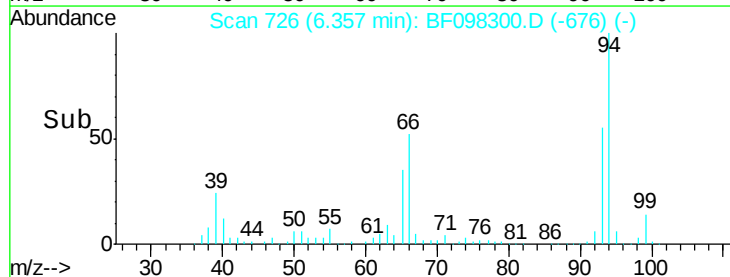
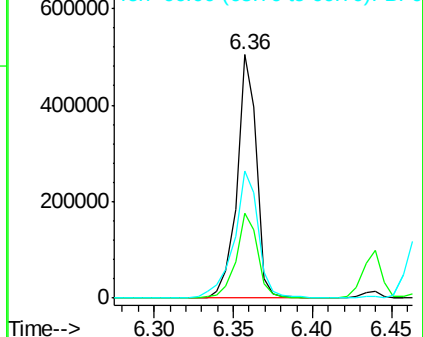
66 52.5 23.1 63.1

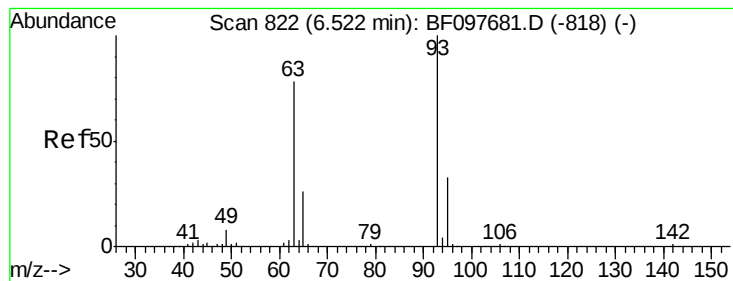


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

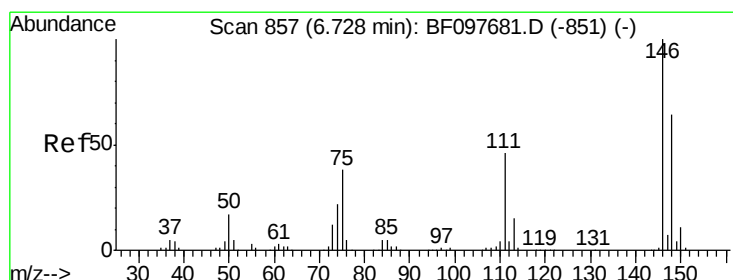
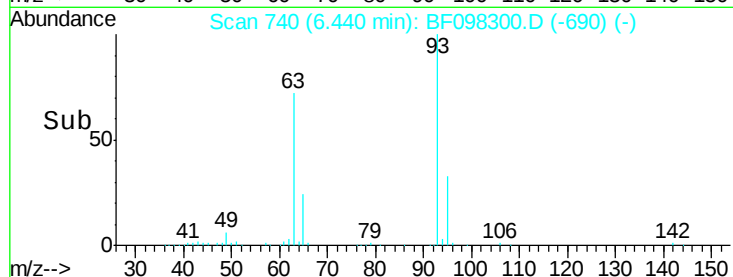
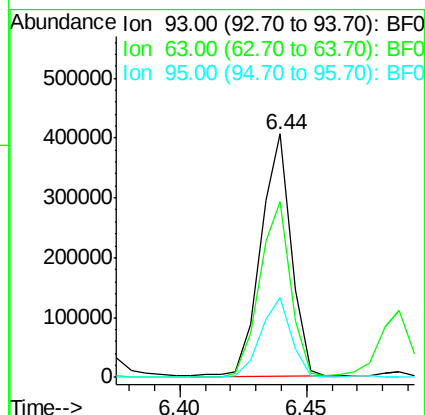
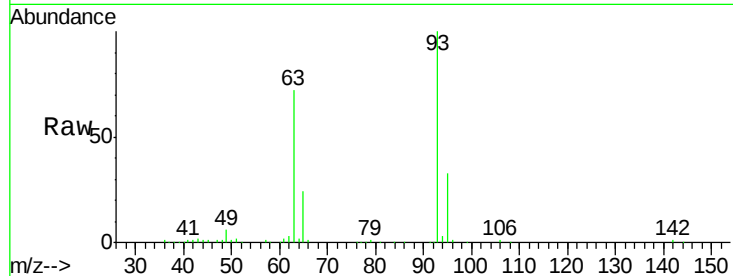




#11
bis(2-Chloroethyl)ether
Concen: 41.06 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

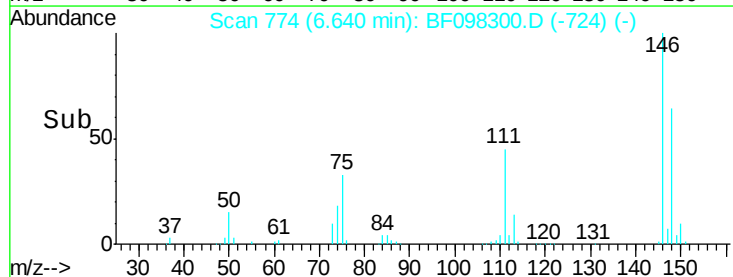
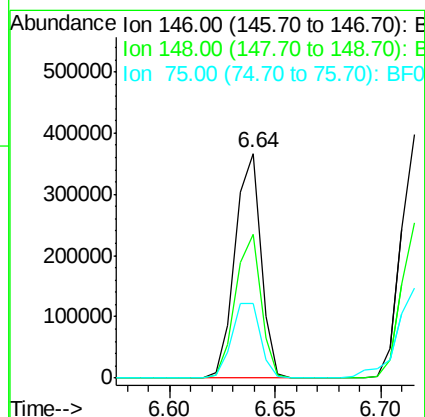
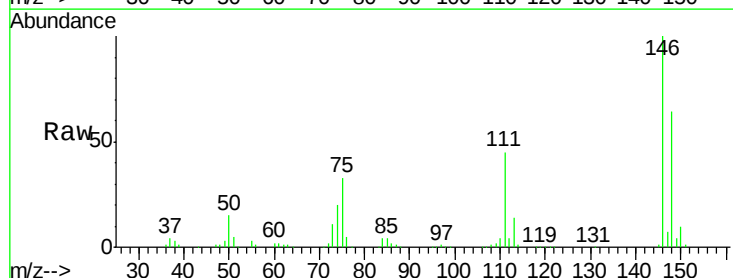
Instrument :
BNA_F
ClientSampleId :
PB102084BS

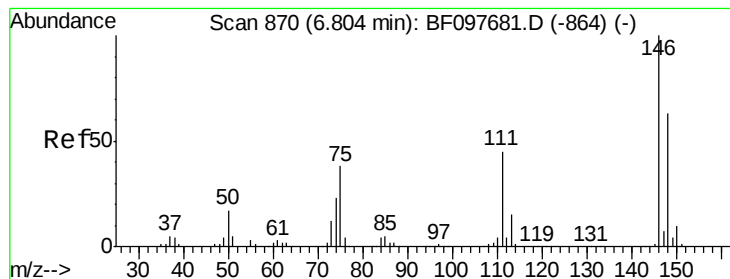
Tot Ion: 93 Resp: 338832
Ion Ratio Lower Upper
93 100
63 72.4 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.57 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion: 146 Resp: 308863
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 33.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.03 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

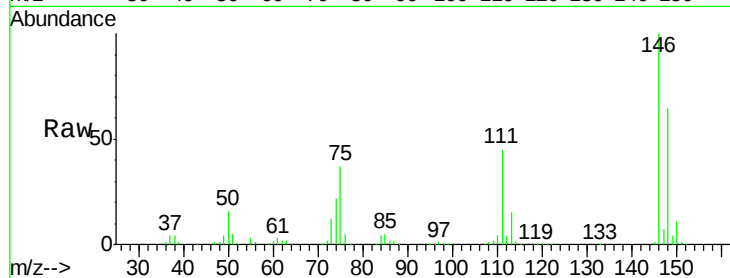
Tot Ion:146 Resp: 309814

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

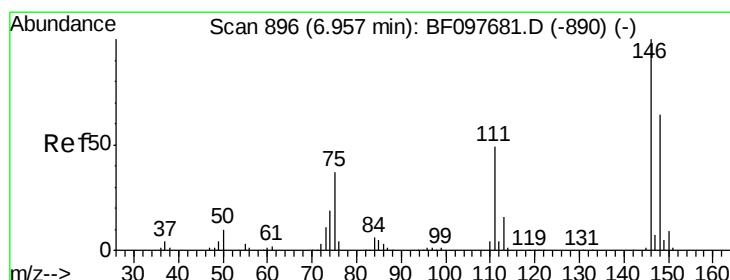
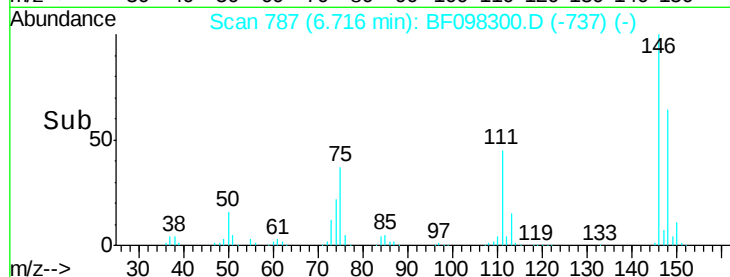
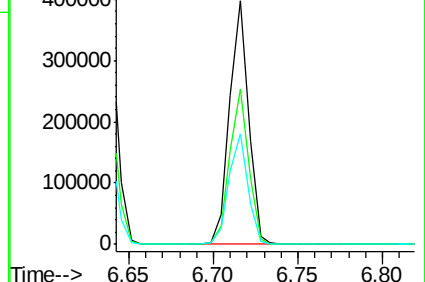
111 45.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.91 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

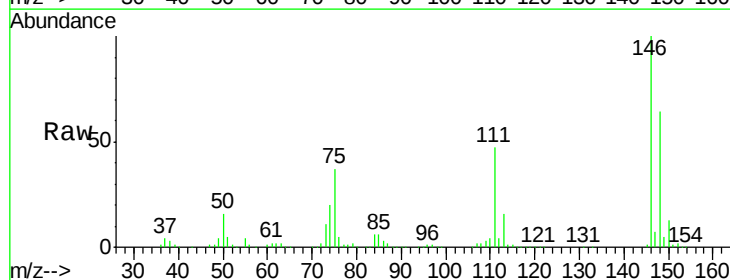
Tgt Ion:146 Resp: 284749

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

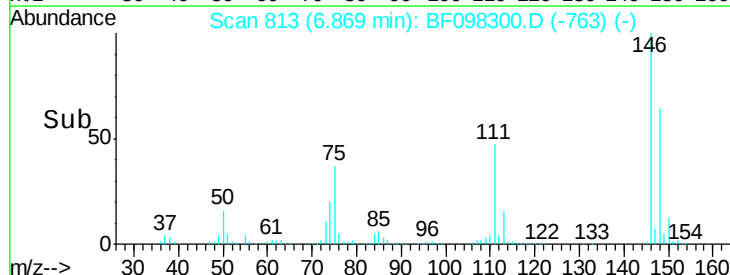
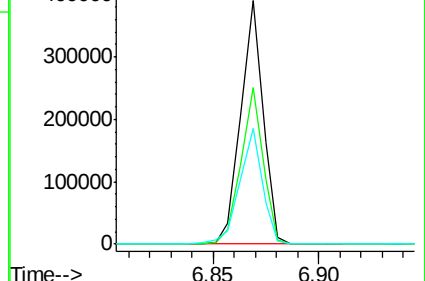
111 47.5 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.56 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleID :

PB102084BS

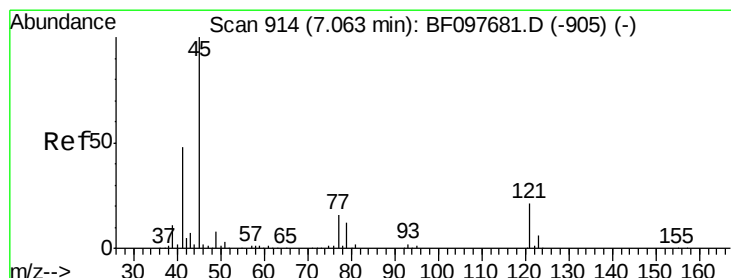
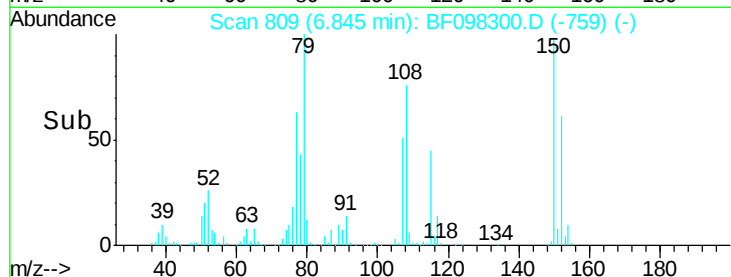
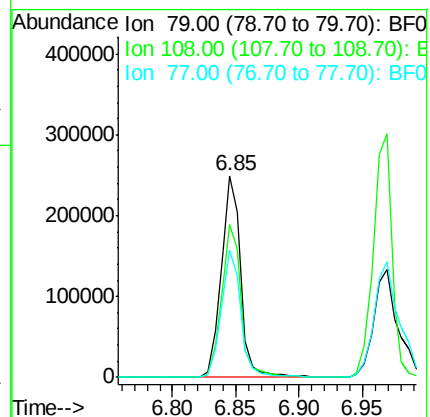
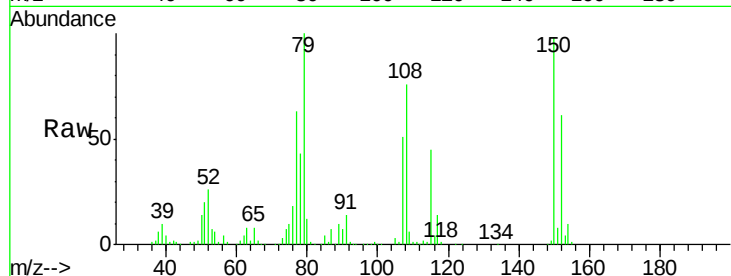
Tot Ion: 79 Resp: 269868

Ion Ratio Lower Upper

79 100

108 75.5 63.4 95.0

77 62.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.68 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

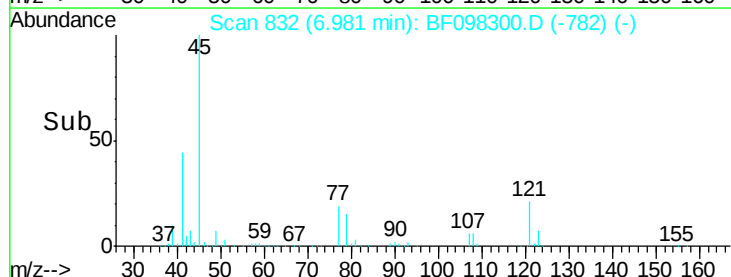
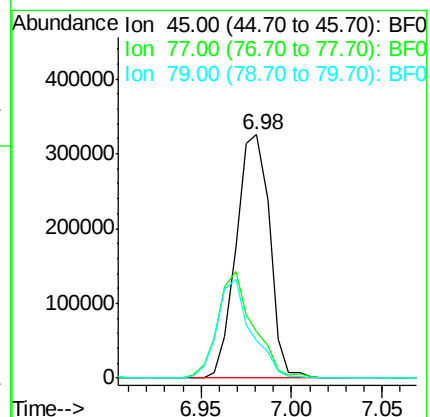
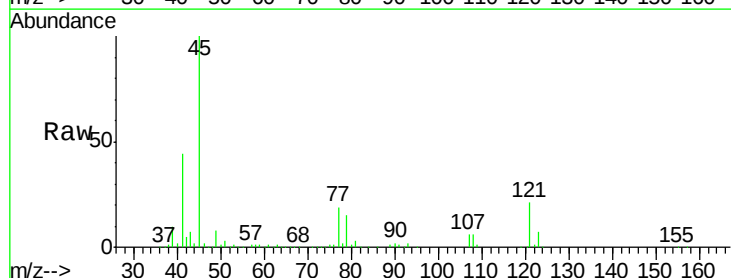
Tgt Ion: 45 Resp: 418339

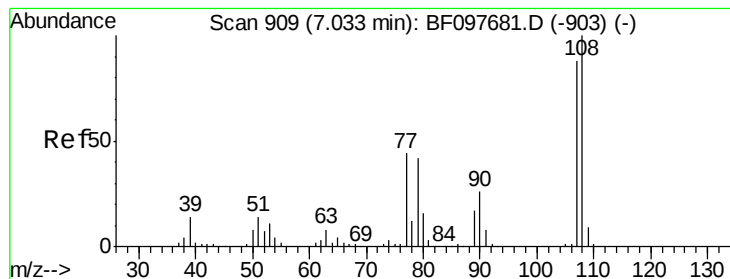
Ion Ratio Lower Upper

45 100

77 19.2 0.0 33.2

79 15.4 0.0 30.0





#17

2-Methylphenol

Concen: 41.94 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

Tot Ion:107 Resp: 268162

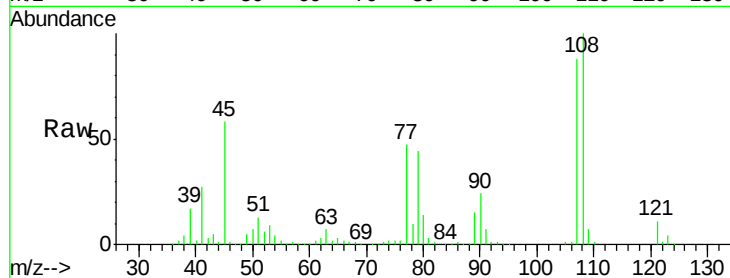
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 53.8 35.8 53.6#

79 50.4 34.8 52.2

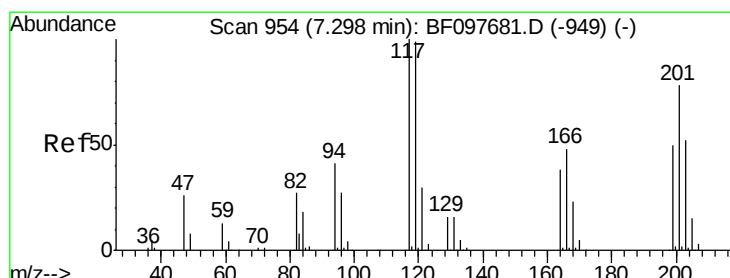
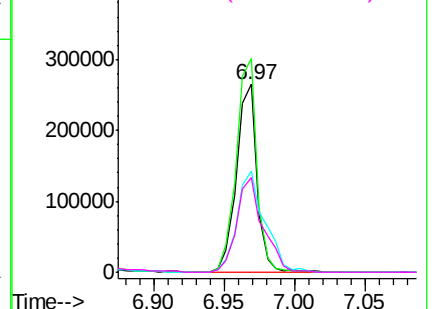
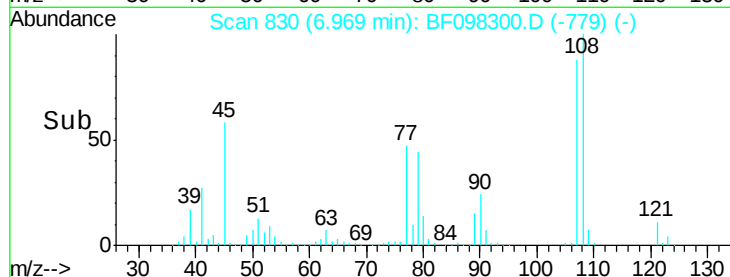


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.58 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

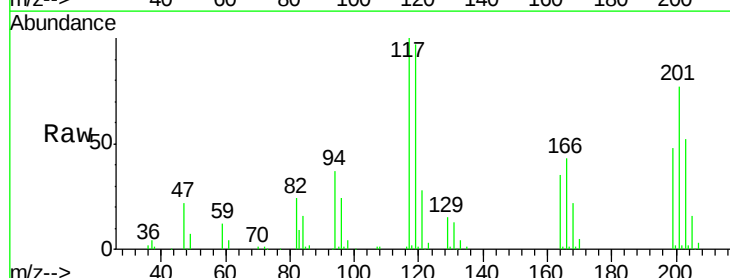
Tgt Ion:117 Resp: 95179

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

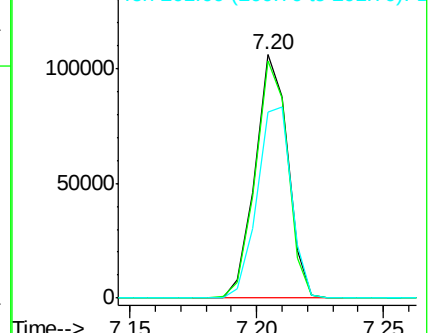
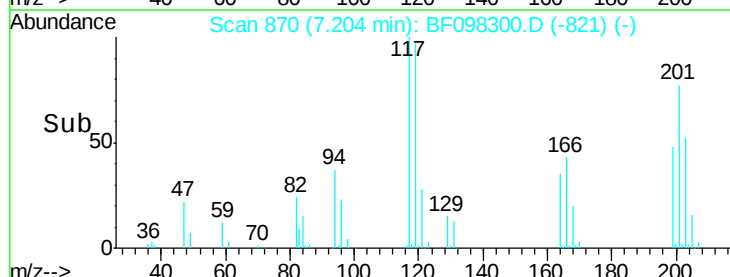
201 76.5 94.6 141.8#

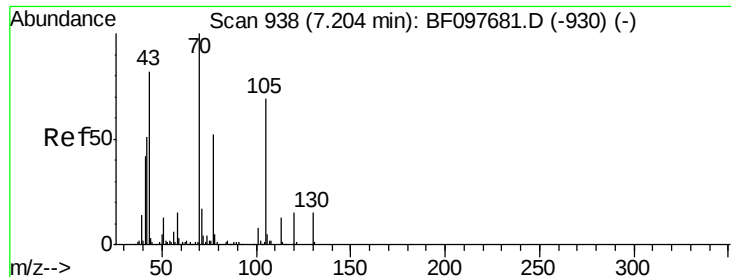


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

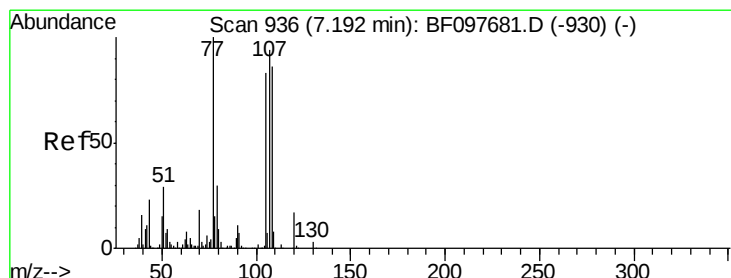
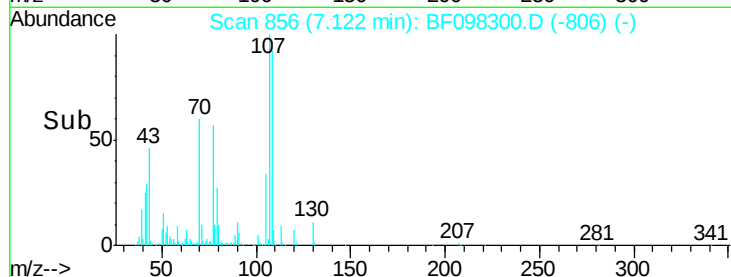
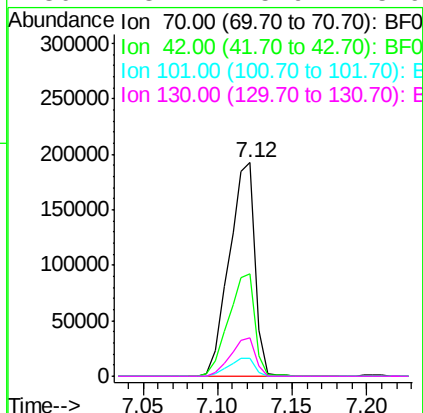
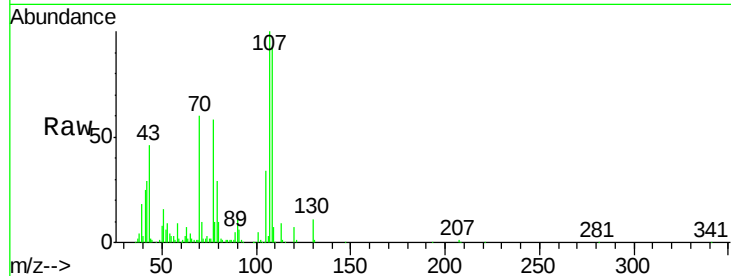




#19
n-Nitroso-di-n-propylamine
Concen: 36.36 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

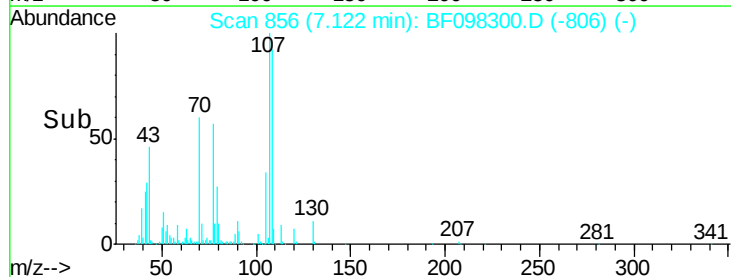
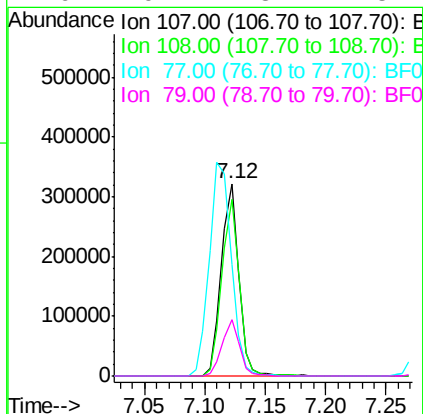
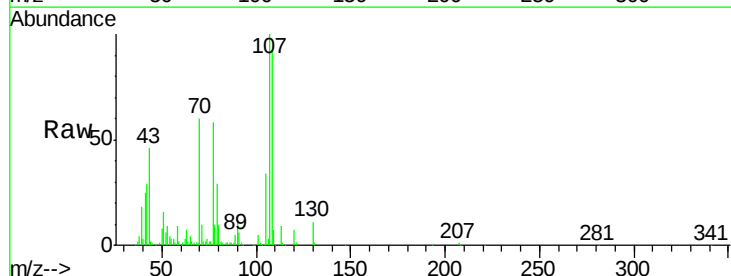
Instrument :
BNA_F
ClientSampleId :
PB102084BS

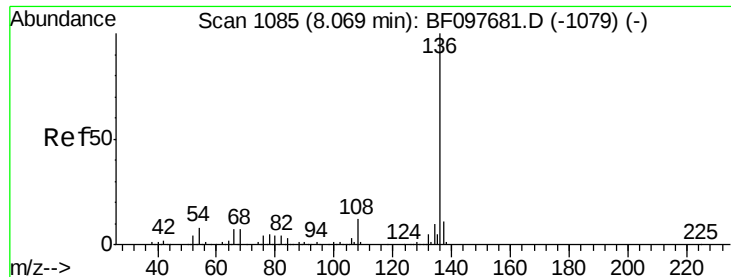
Tot Ion: 70 Resp: 232671
Ion Ratio Lower Upper
70 100
42 47.9 47.2 70.8
101 8.7 7.2 10.8
130 18.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.51 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion: 107 Resp: 324182
Ion Ratio Lower Upper
107 100
108 92.1 71.0 111.0
77 57.7 90.5 130.5#
79 29.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

Tot Ion:136 Resp: 399689

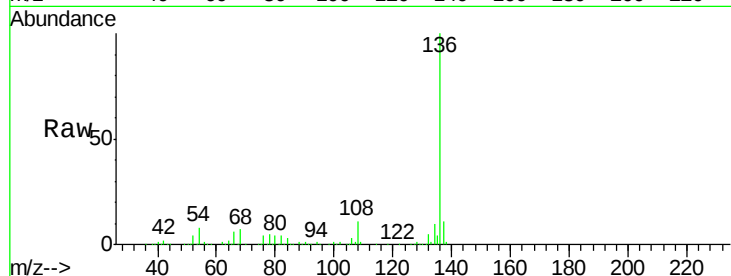
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.6 4.9 7.3#

68 7.1 4.1 6.1#

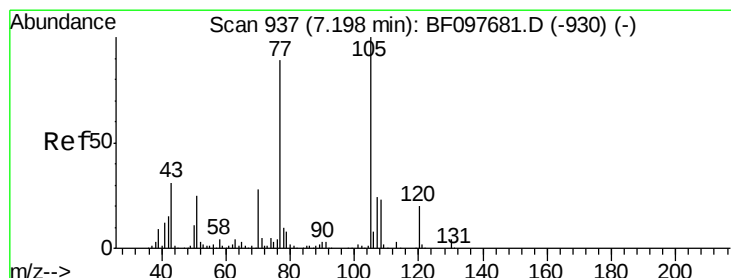
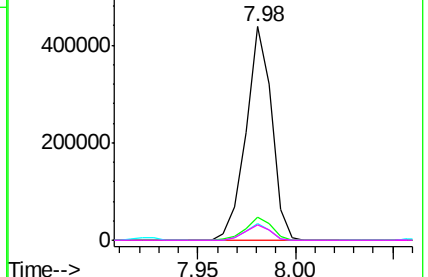
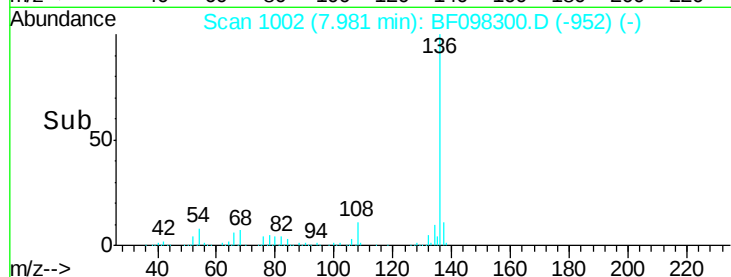


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.73 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Tgt Ion:105 Resp: 430051

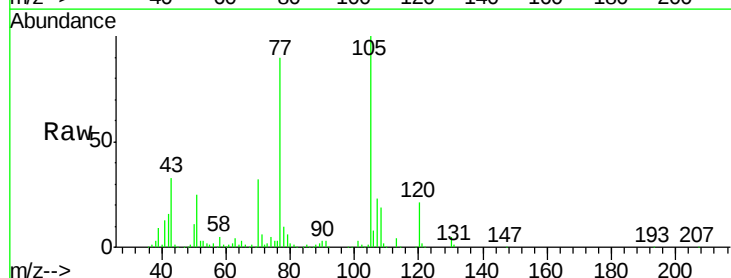
Ion Ratio Lower Upper

105 100

71 5.5 2.8 4.2#

51 24.6 30.7 46.1#

120 21.1 17.4 26.0

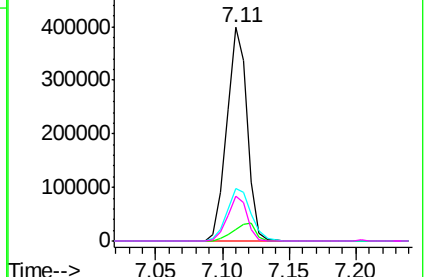
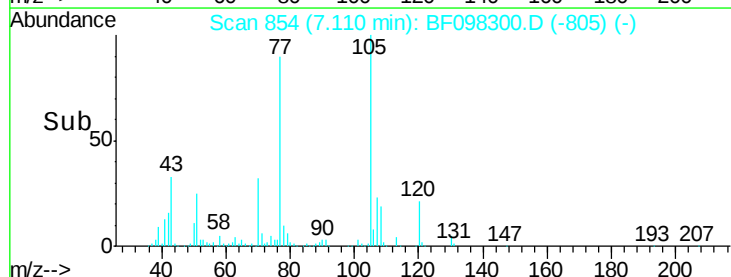


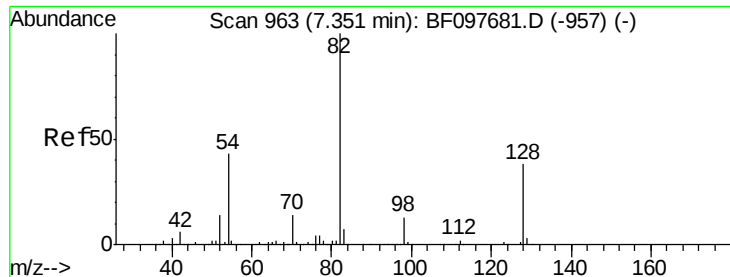
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.95 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

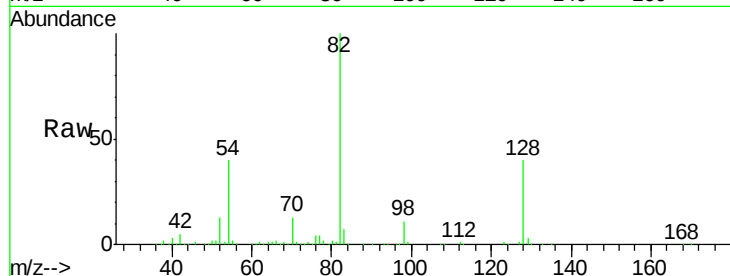
Tot Ion: 82 Resp: 669126

Ion Ratio Lower Upper

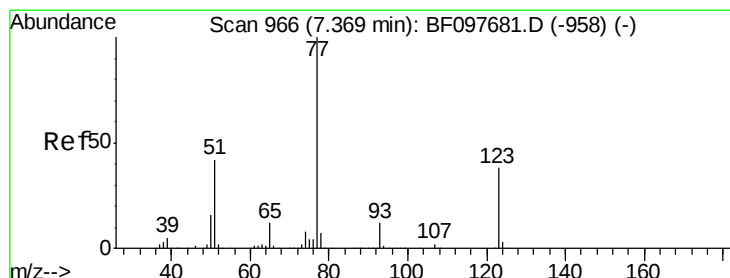
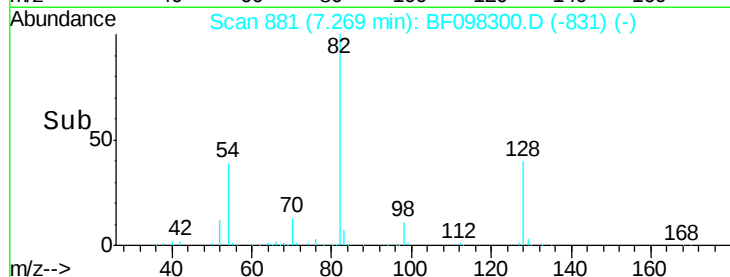
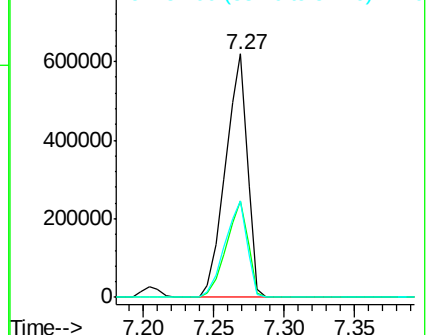
82 100

128 39.7 34.0 51.0

54 39.5 42.2 63.2#



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



#24

Nitrobenzene

Concen: 44.19 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

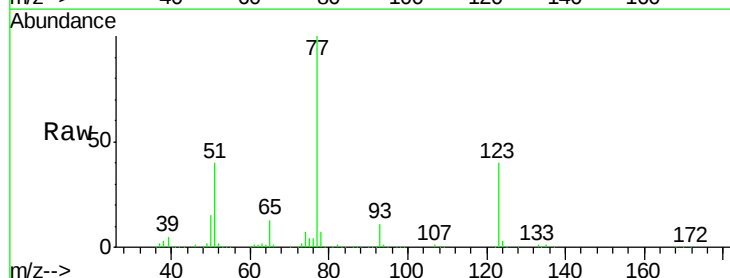
Tgt Ion: 77 Resp: 361971

Ion Ratio Lower Upper

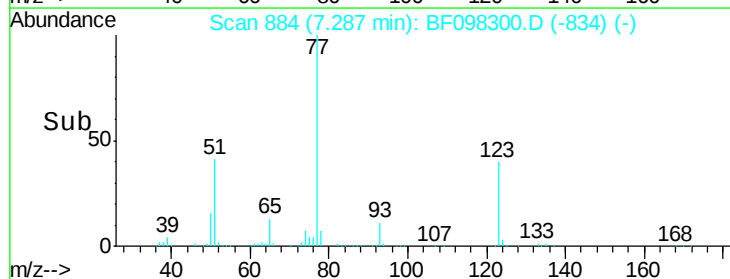
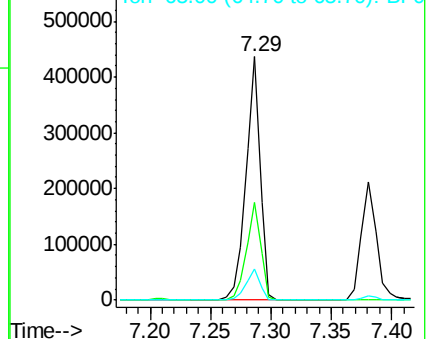
77 100

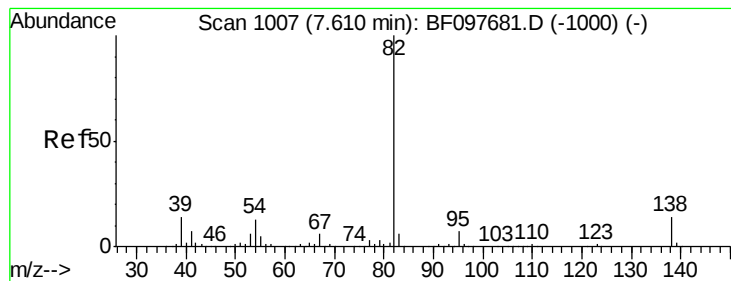
123 40.4 35.8 53.8

65 12.6 10.6 15.8



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





#25

Isophorone

Concen: 41.79 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

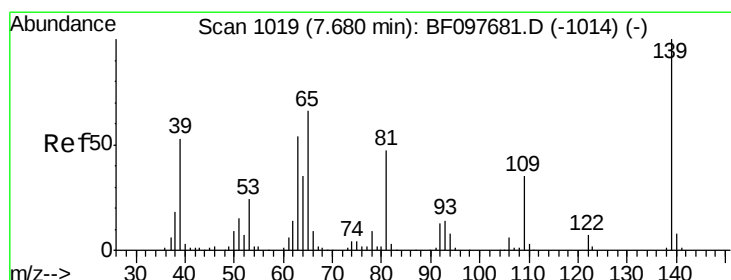
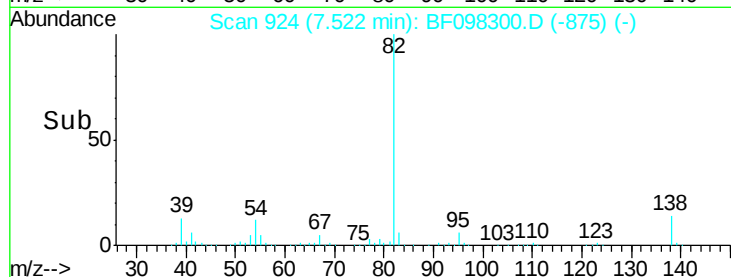
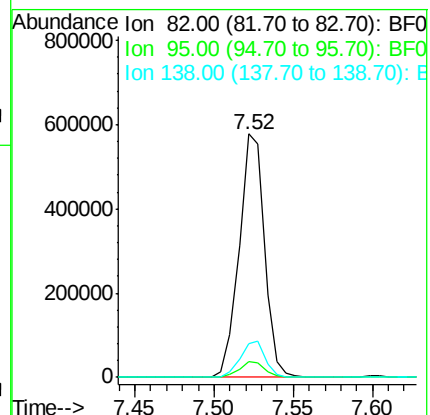
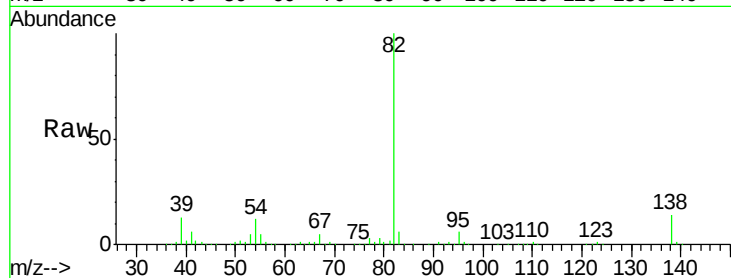
Tot Ion: 82 Resp: 639408

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 13.9 13.1 19.7



#26

2-Nitrophenol

Concen: 41.17 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

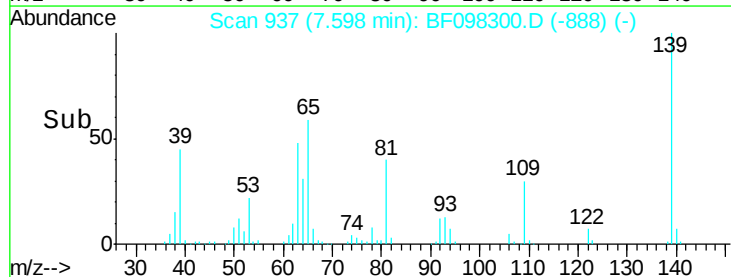
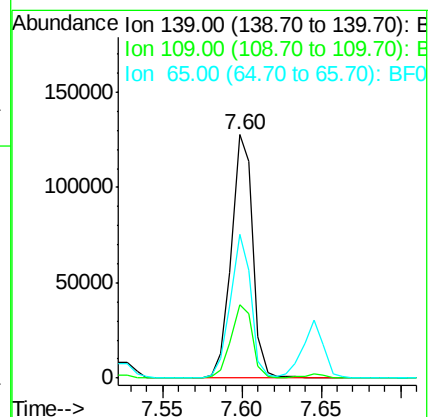
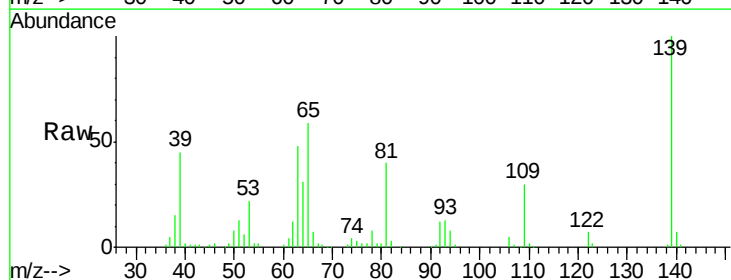
Tgt Ion: 139 Resp: 119690

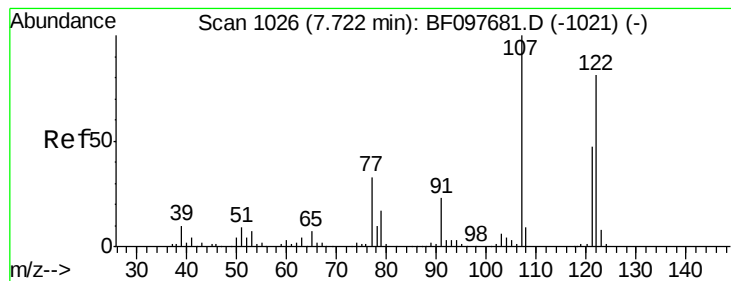
Ion Ratio Lower Upper

139 100

109 30.4 21.0 31.6

65 58.9 33.0 49.6#

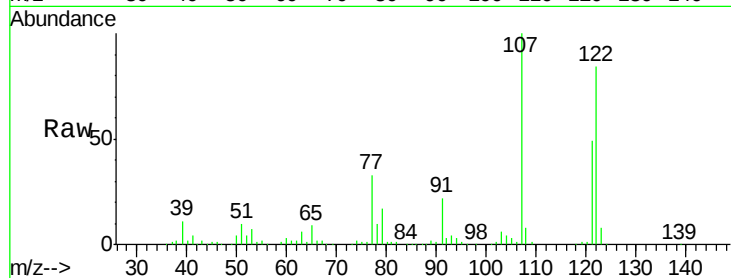




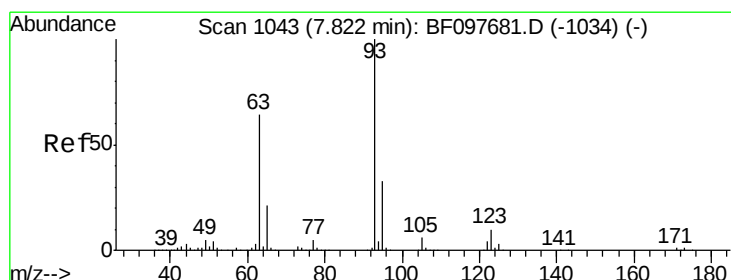
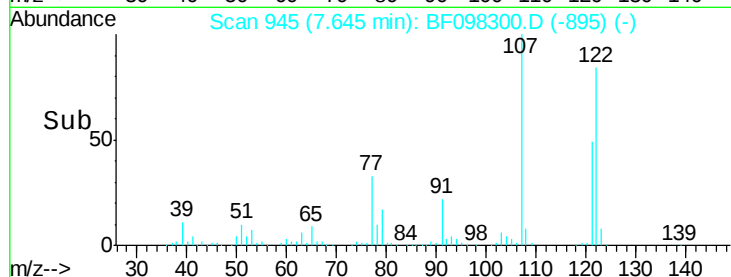
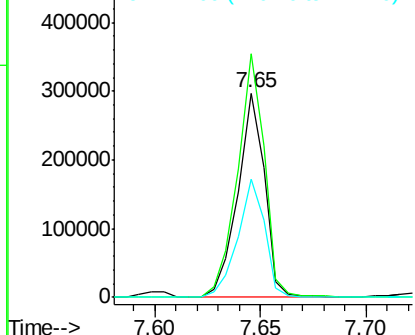
#27
 2,4-Dimethylphenol
 Concen: 41.17 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	89.2	133.8
121	58.1	45.2	67.8

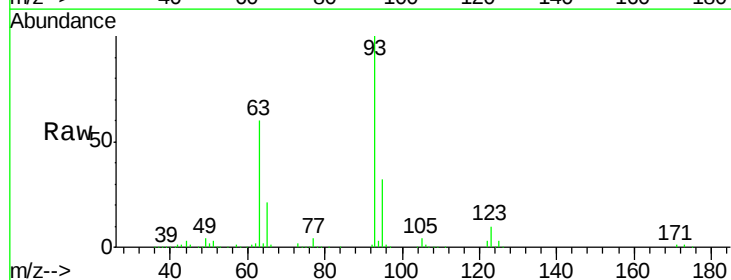


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

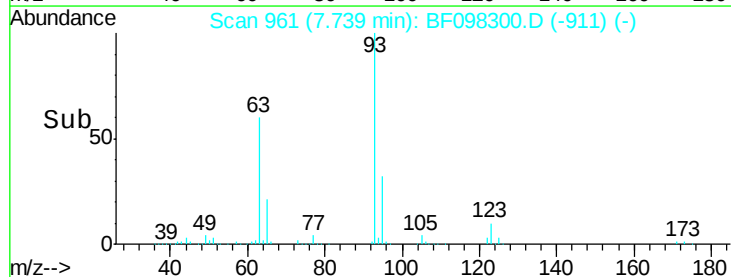
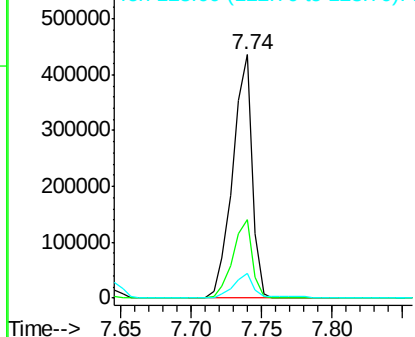


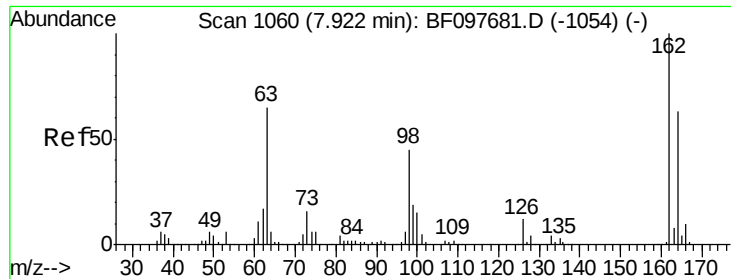
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.67 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.1	9.0	13.4



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

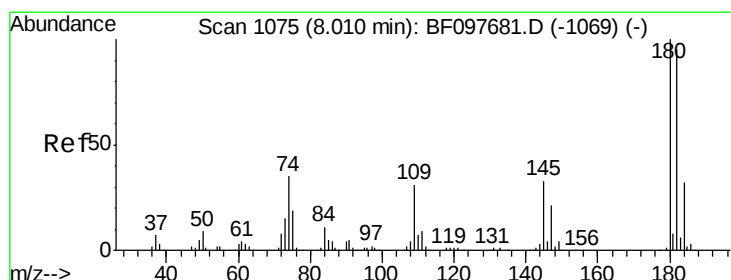
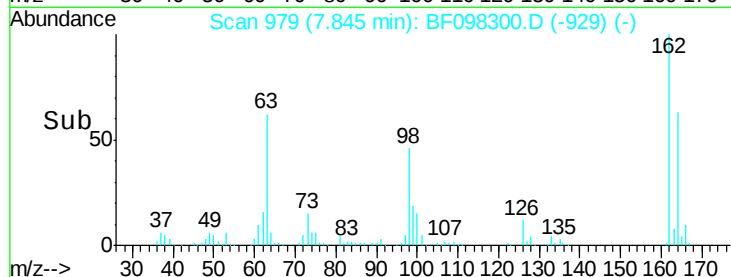
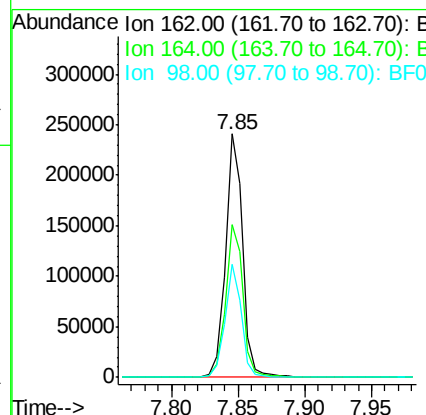
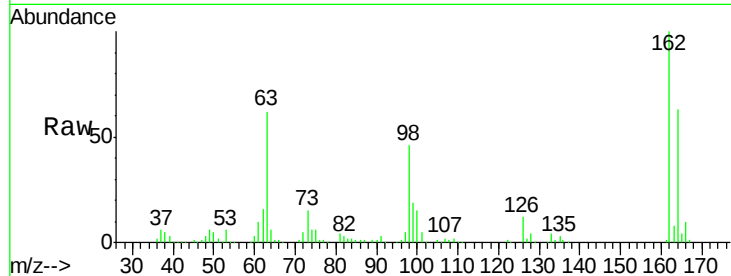




#29
 2,4-Dichlorophenol
 Concen: 41.21 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

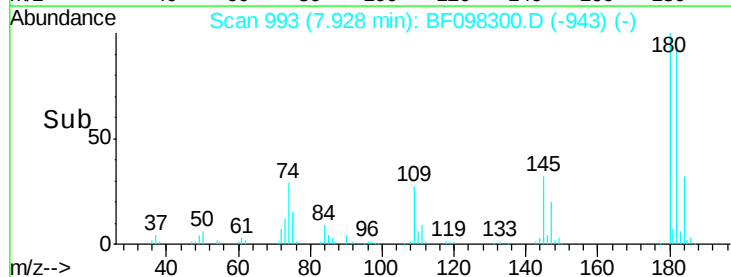
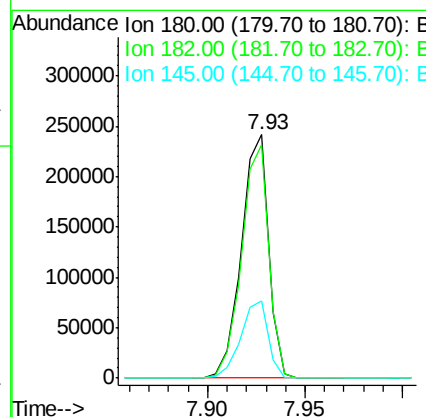
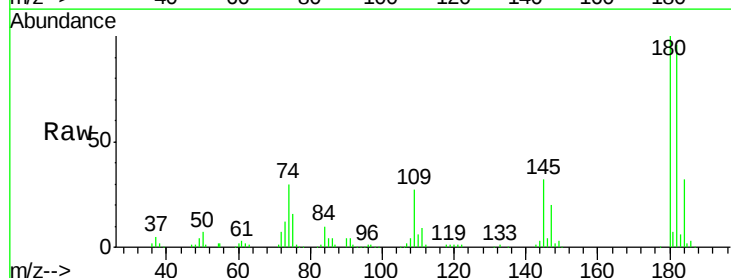
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

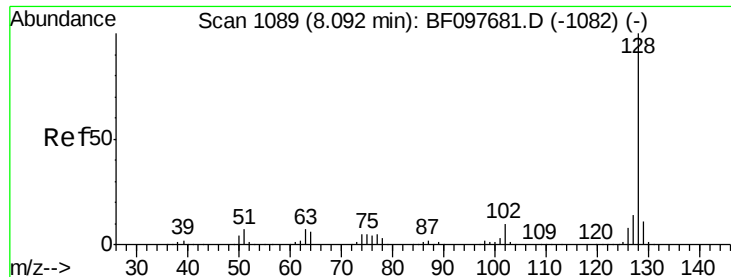
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	46.3	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.61 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	31.8	25.3	37.9





#31

Naphthalene

Concen: 39.80 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

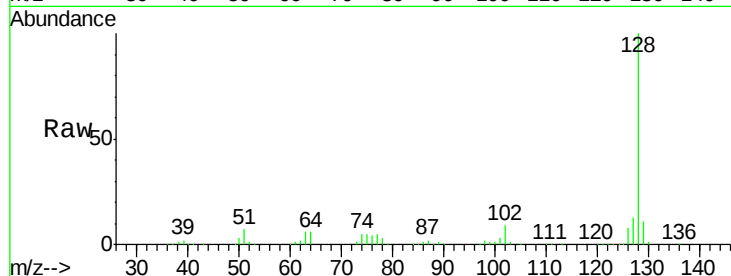
Tot Ion:128 Resp: 825746

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

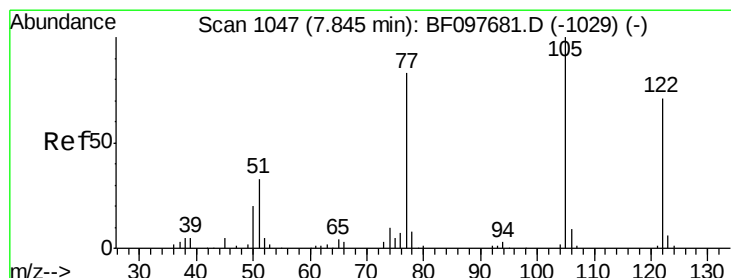
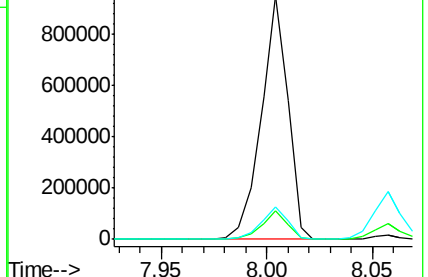
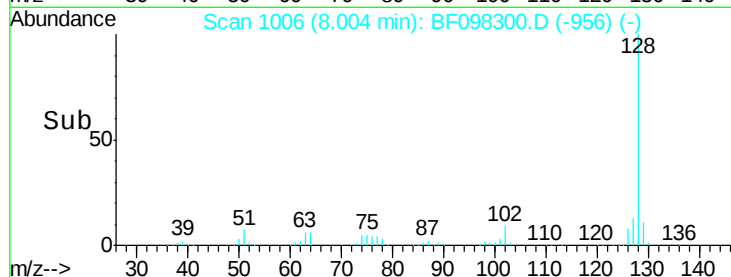
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.34 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

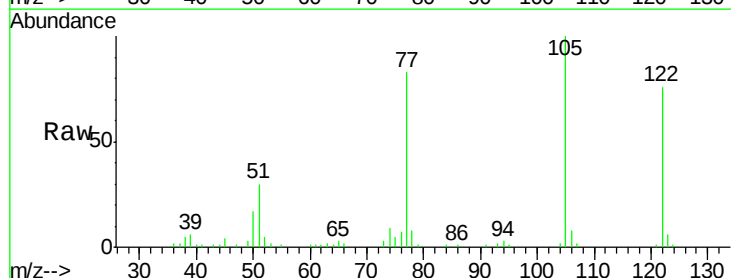
Tgt Ion:122 Resp: 96236

Ion Ratio Lower Upper

122 100

105 132.2 103.3 143.3

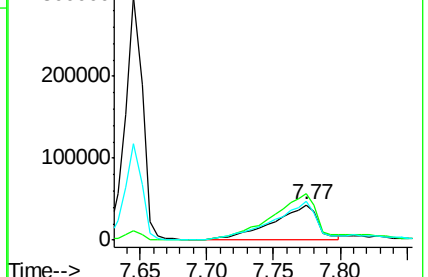
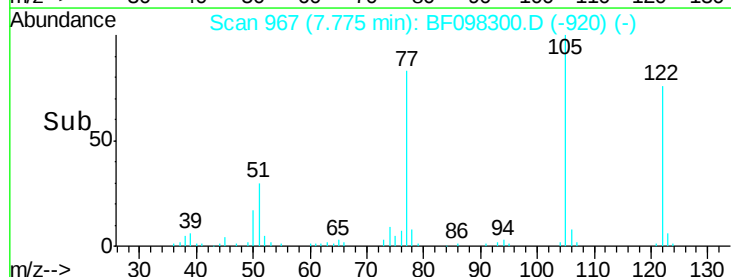
77 109.1 73.7 113.7

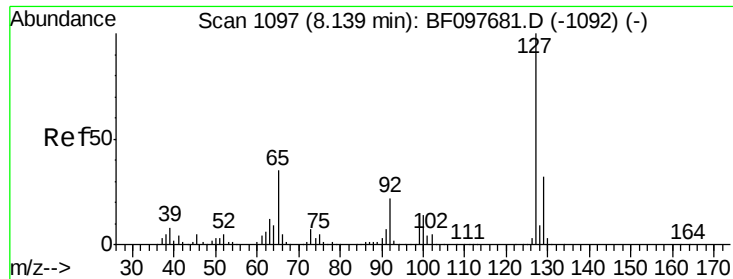


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

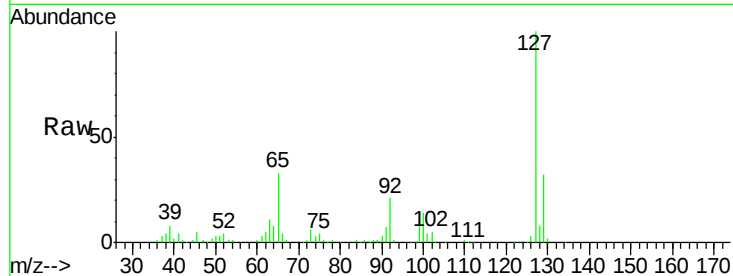




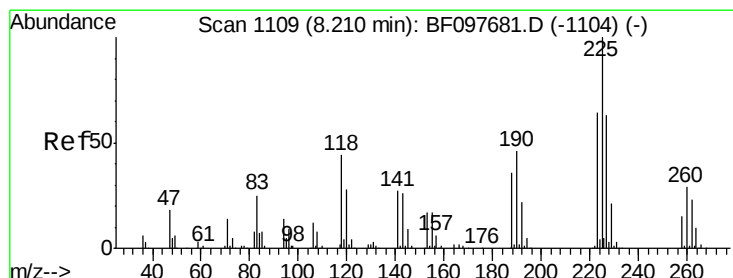
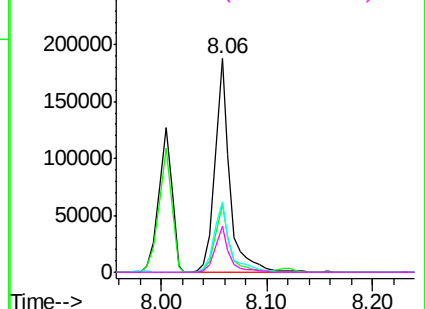
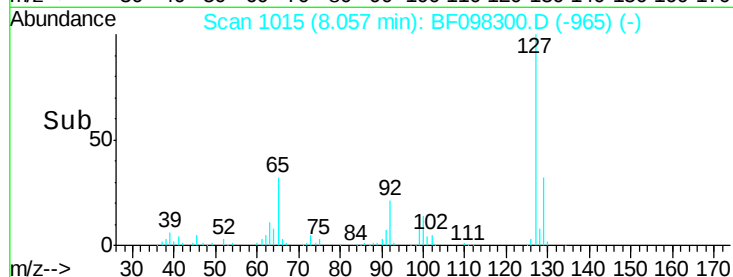
#33
4-Chloroaniline
Concen: 21.42 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Instrument :
BNA_F
ClientSampleId :
PB102084BS

Tot Ion:127 Resp: 187473
Ion Ratio Lower Upper
127 100
129 31.8 26.2 39.2
65 33.2 27.8 41.8
92 21.4 16.8 25.2

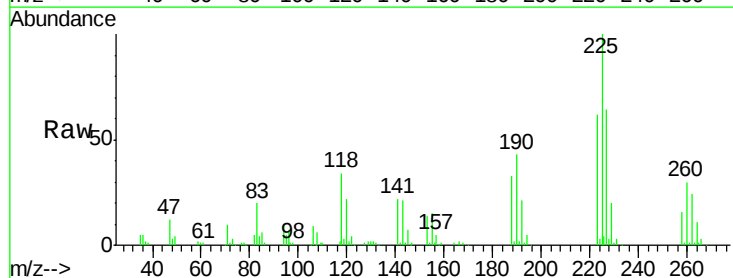


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

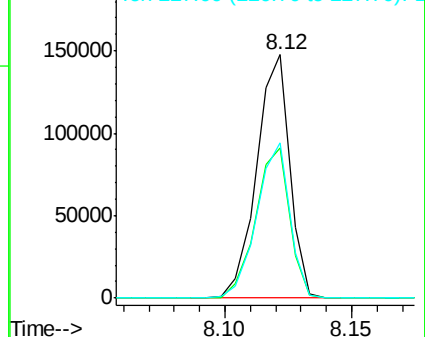
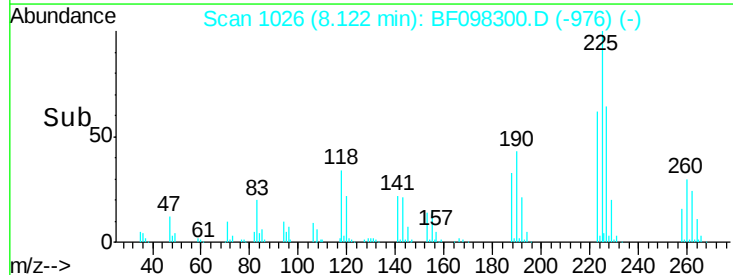


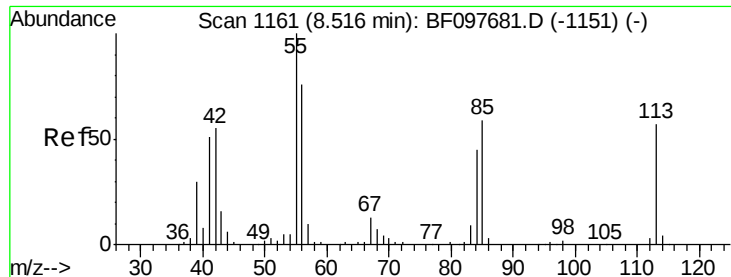
#34
Hexachlorobutadiene
Concen: 39.32 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:225 Resp: 134789
Ion Ratio Lower Upper
225 100
223 61.6 48.8 73.2
227 63.8 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

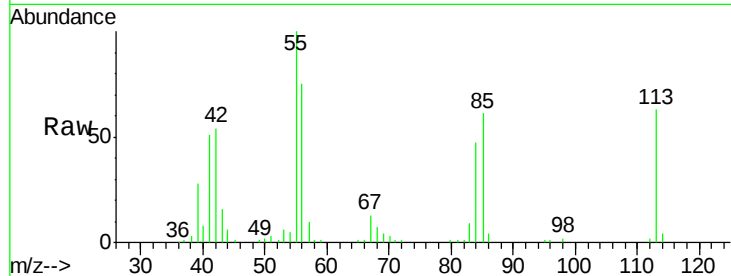




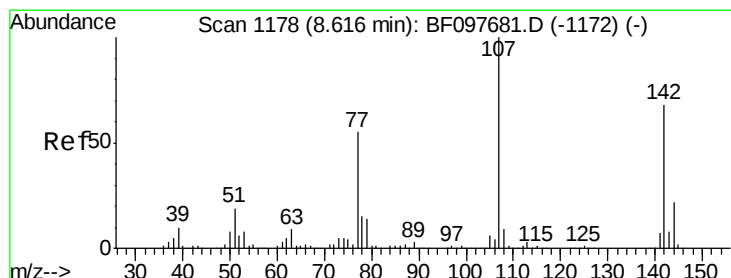
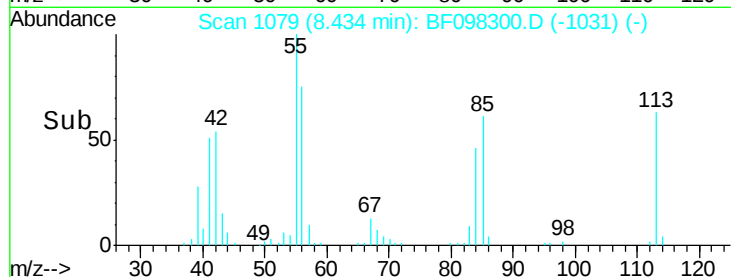
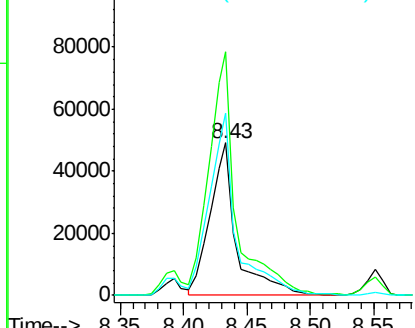
#35
 Caprolactam
 Concen: 40.08 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion:113 Resp: 72172
 Ion Ratio Lower Upper
 113 100
 55 160.0 150.2 190.2
 56 119.6 107.8 147.8

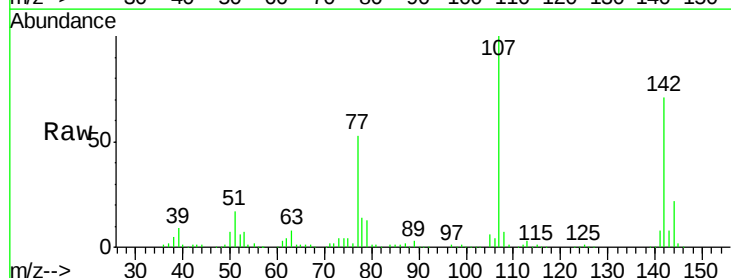


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

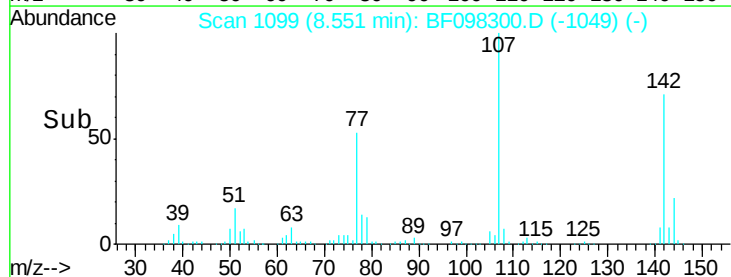
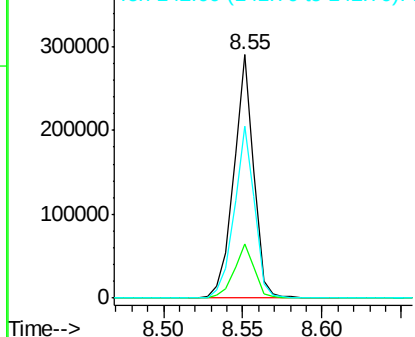


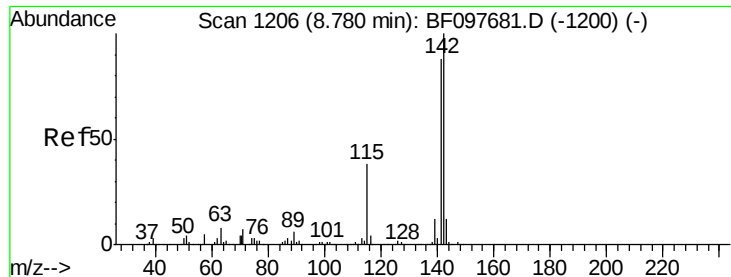
#36
 4-Chloro-3-methylphenol
 Concen: 37.35 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:107 Resp: 254141
 Ion Ratio Lower Upper
 107 100
 144 22.4 24.2 36.4#
 142 70.5 73.4 110.0#



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

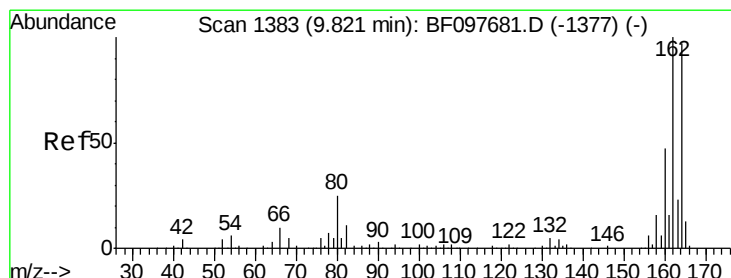
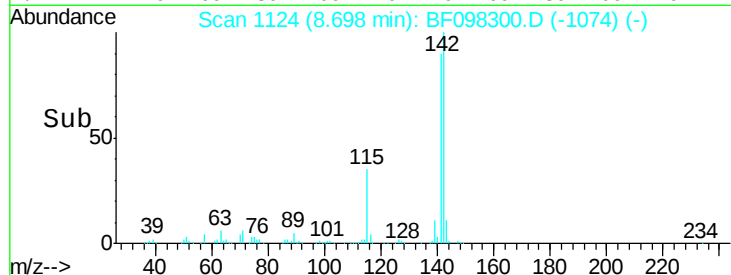
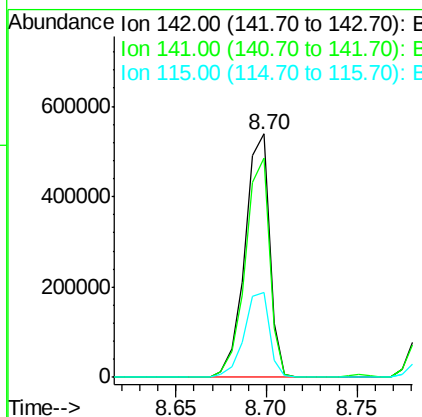
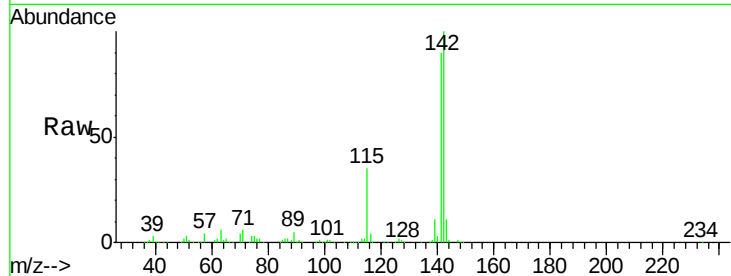




#37
2-Methylnaphthalene
Concen: 40.21 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

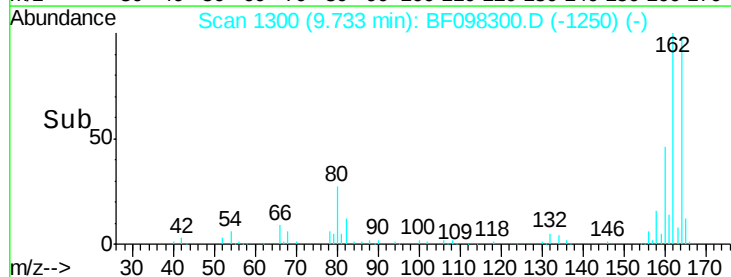
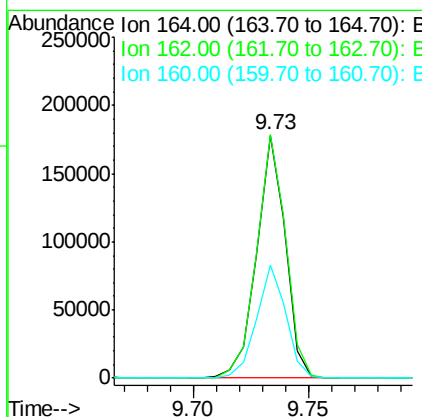
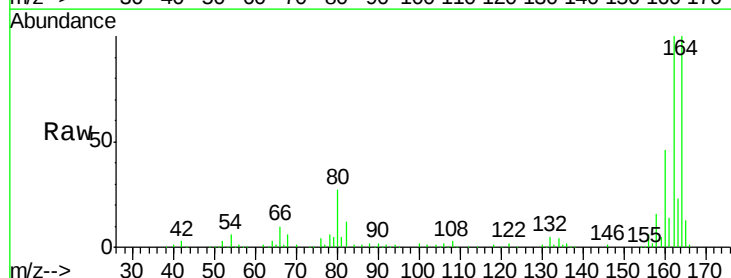
Instrument :
BNA_F
ClientSampleId :
PB102084BS

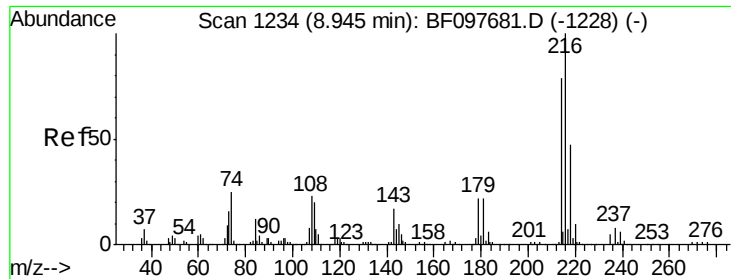
Tot Ion:142 Resp: 511483
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 34.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:164 Resp: 154359
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 46.4 36.2 54.2

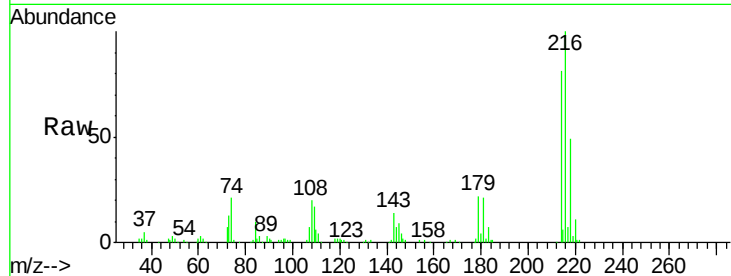




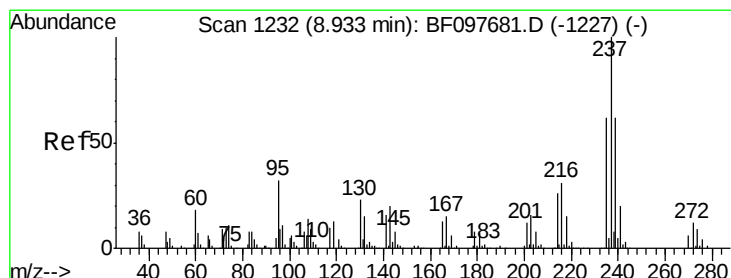
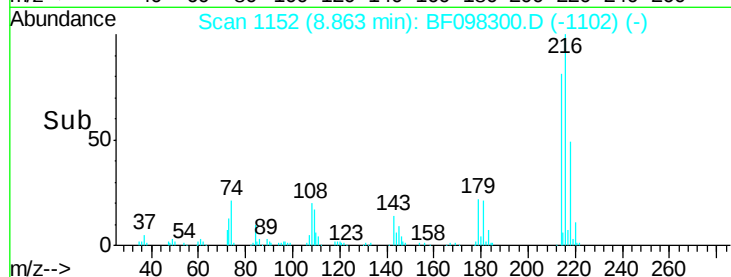
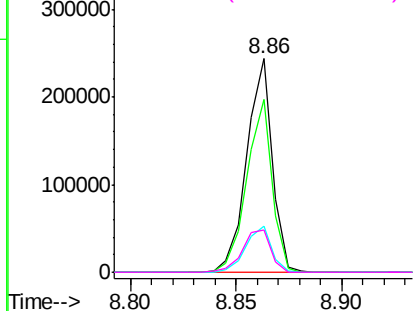
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.17 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion:216	Resp:	204528
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.4 95.2
179	21.7	17.9 26.9
108	22.1	16.5 24.7

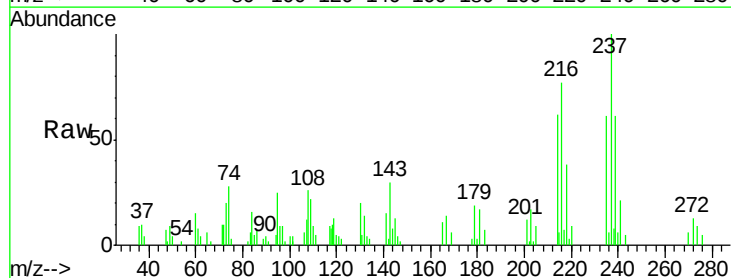


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

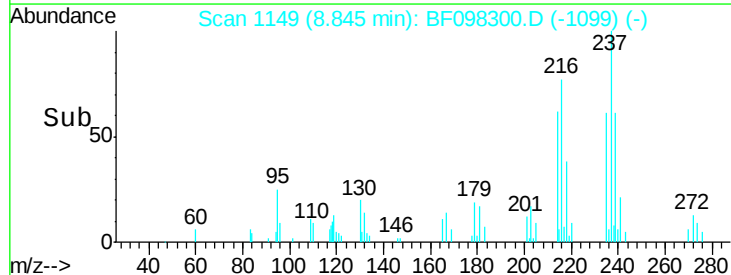
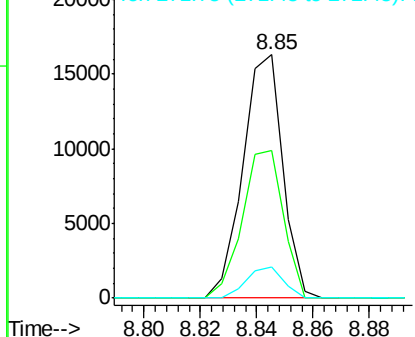


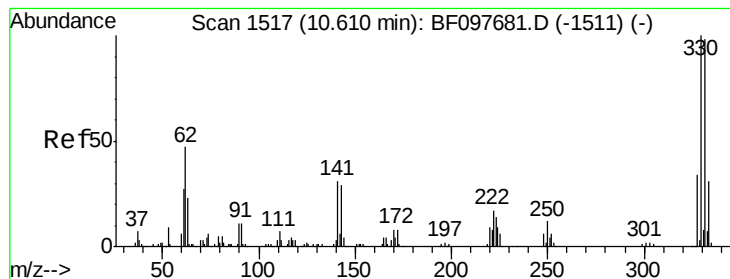
#40
 Hexachlorocyclopentadiene
 Concen: 6.99 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:237	Resp:	15912
Ion Ratio	Lower	Upper
237	100	
235	60.7	42.6 82.6
272	13.0	0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

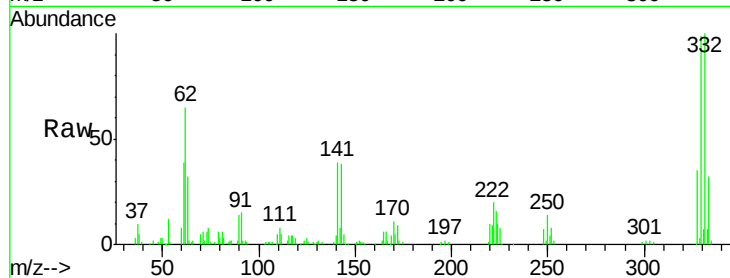




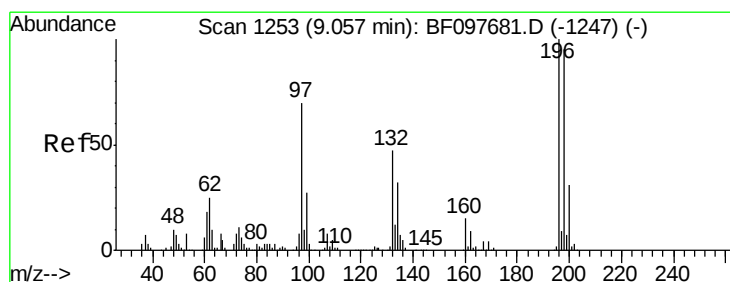
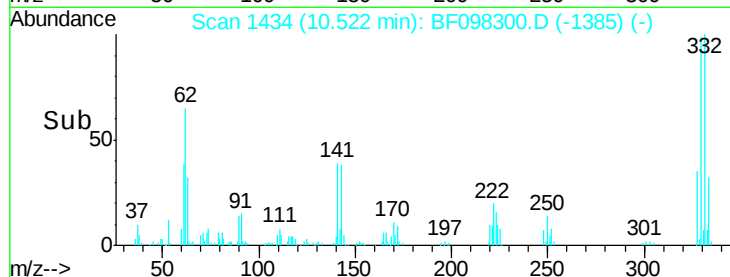
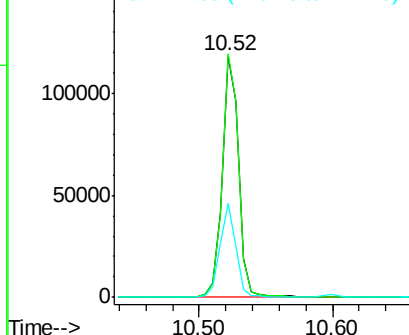
#41
 2,4,6-Tribromophenol
 Concen: 76.99 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.0	76.6	115.0
141	38.0	31.4	47.2

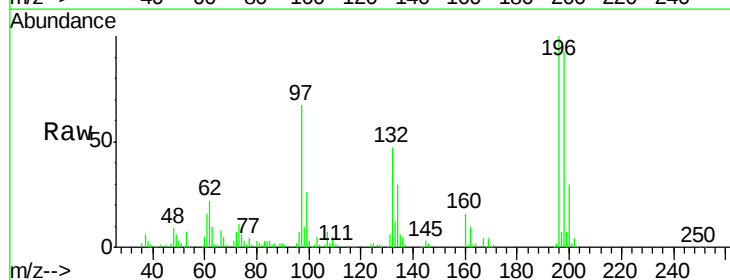


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

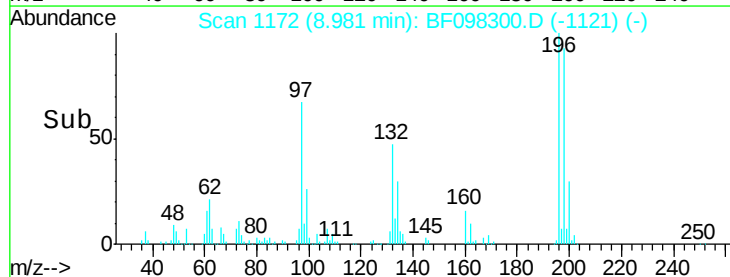
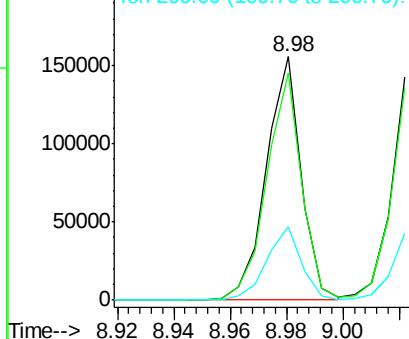


#42
 2,4,6-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	74.2	111.4
200	29.9	24.0	36.0



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

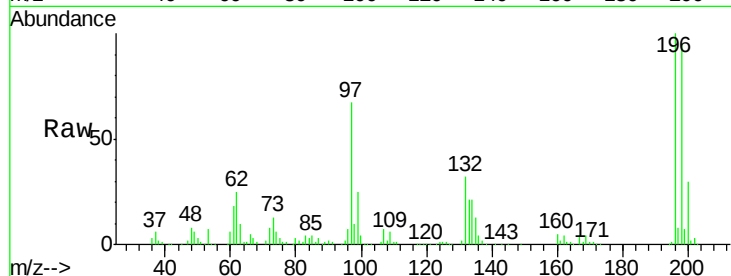




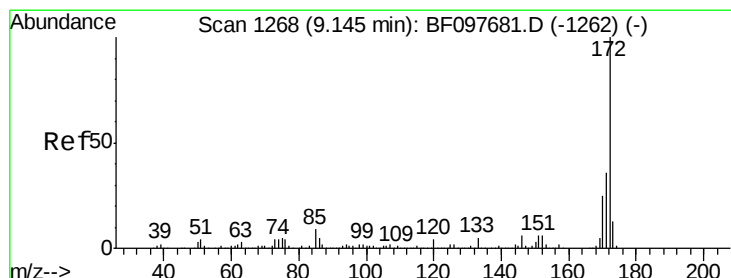
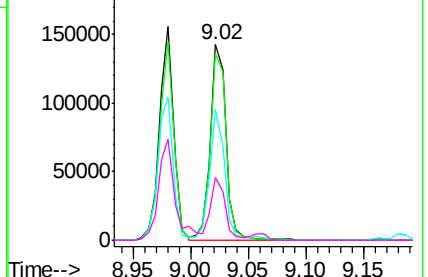
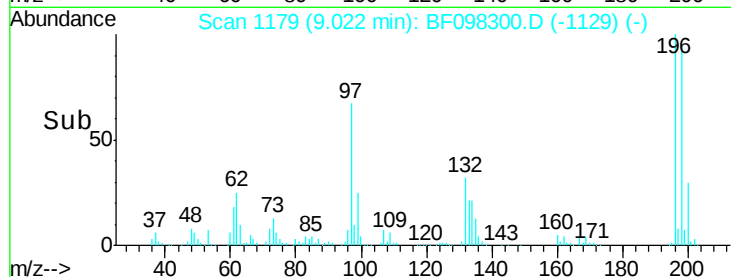
#43
 2,4,5-Trichlorophenol
 Concen: 42.74 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion:196 Resp: 134868
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 67.0 47.7 71.5
 132 32.1 28.0 42.0

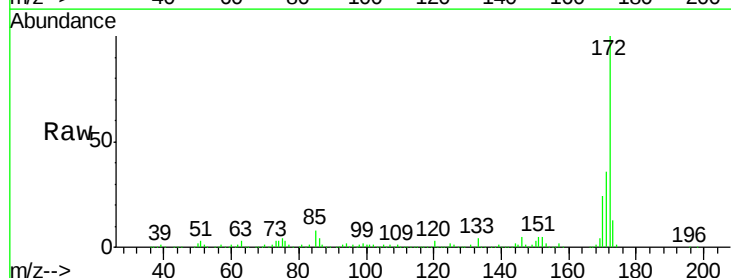


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

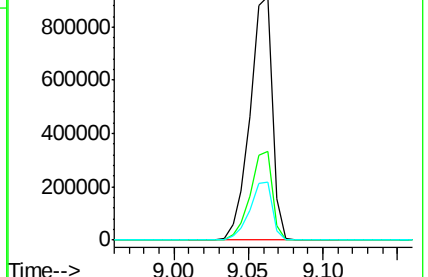
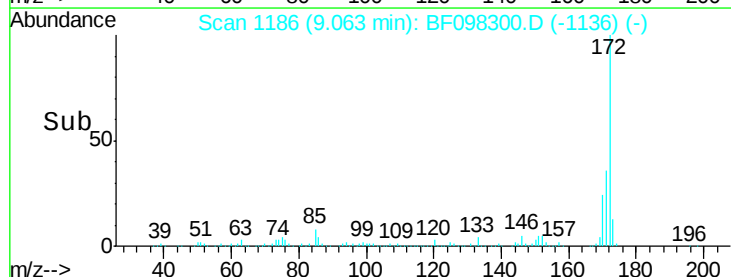


#44
 2-Fluorobiphenyl
 Concen: 89.65 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:172 Resp: 941939
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 19.8 29.8



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

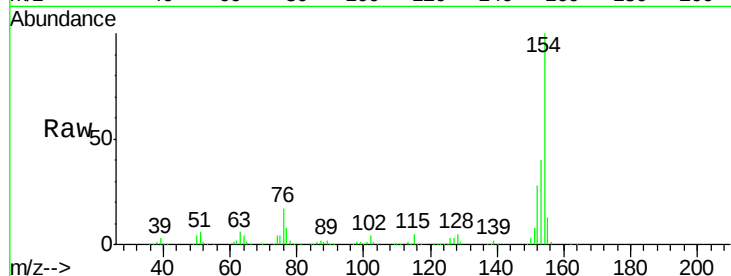




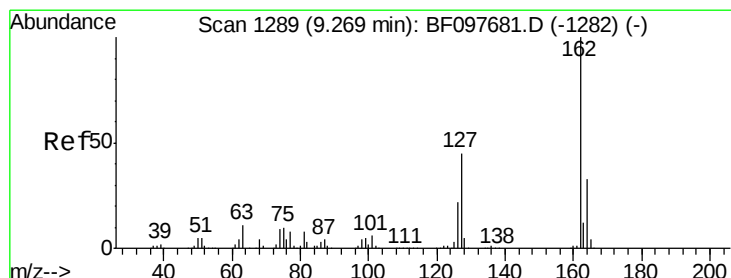
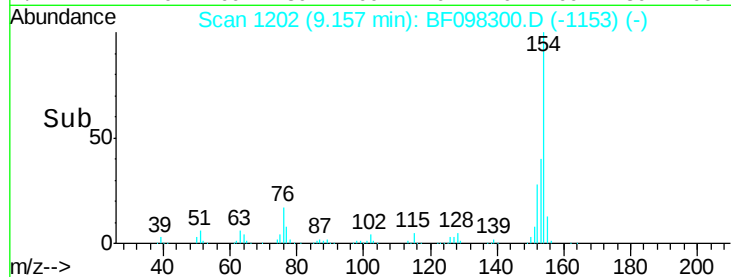
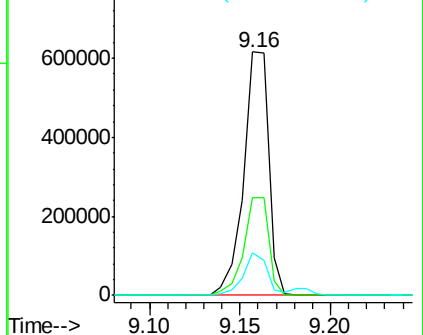
#45
 1,1'-Biphenyl
 Concen: 42.03 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	17.4	0.0	29.9

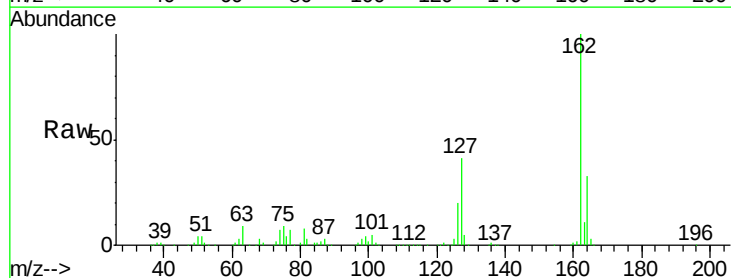


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

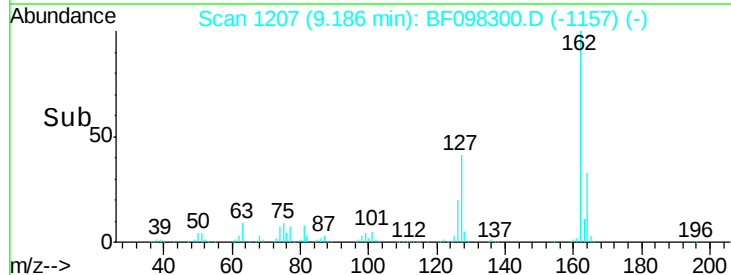
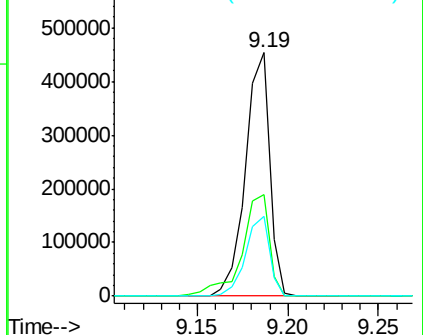


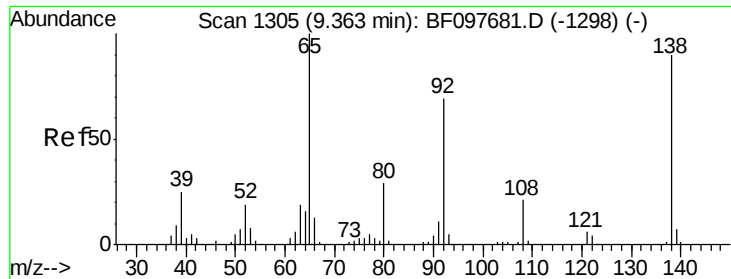
#46
 2-Chloronaphthalene
 Concen: 40.53 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	28.3	42.5
164	32.9	27.0	40.4



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

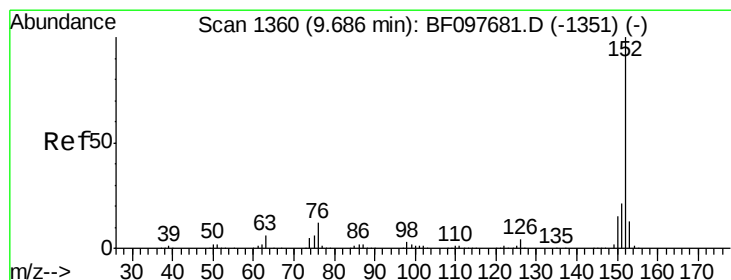
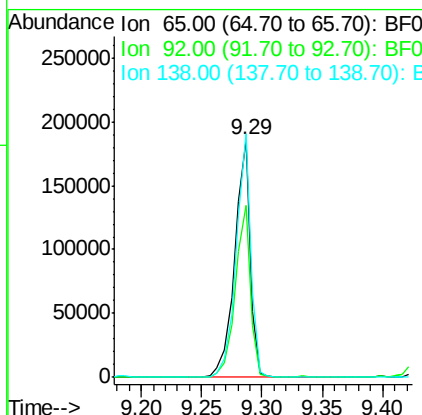
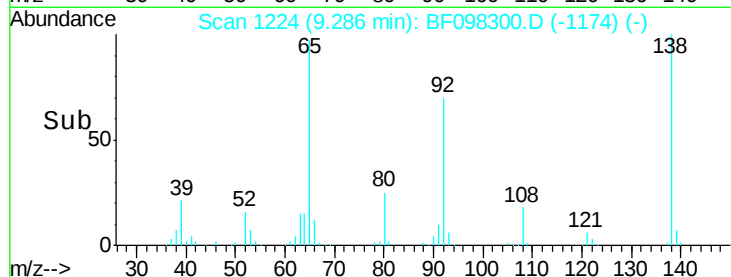
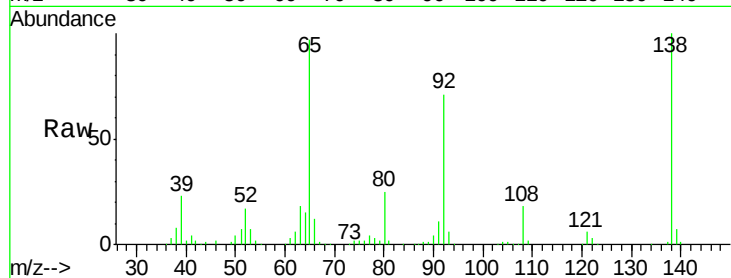




#47
 2-Nitroaniline
 Concen: 48.16 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

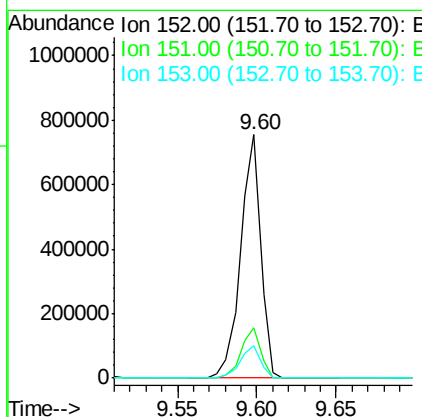
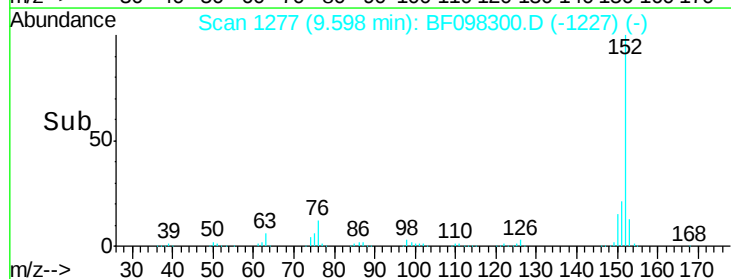
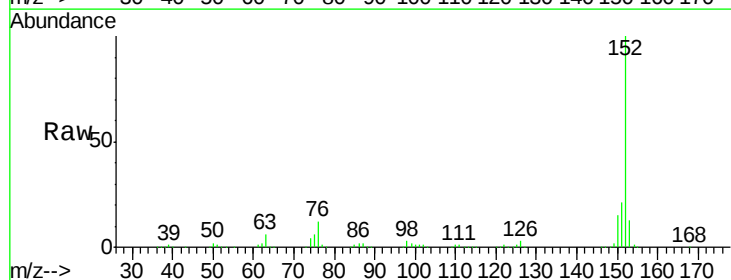
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

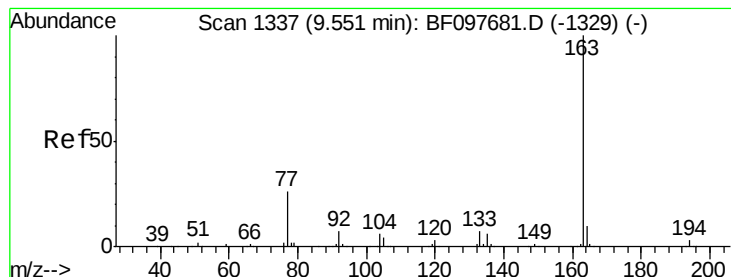
Tot Ion: 65 Resp: 167907
 Ion Ratio Lower Upper
 65 100
 92 72.5 53.9 80.9
 138 102.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.63 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion: 152 Resp: 663567
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 46.83 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

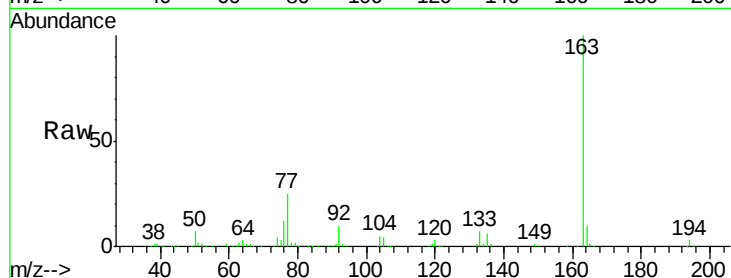
Tot Ion:163 Resp: 528381

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

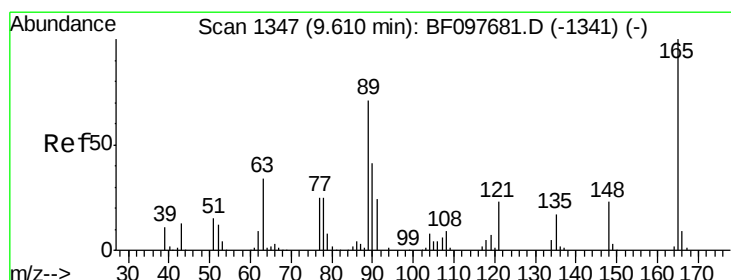
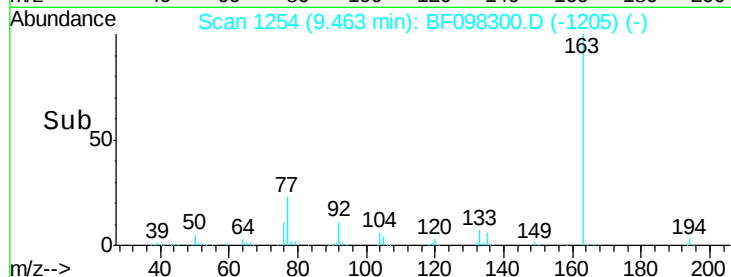
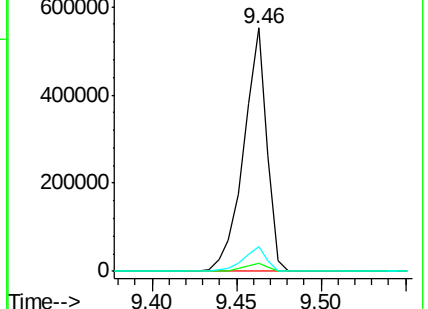
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.18 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

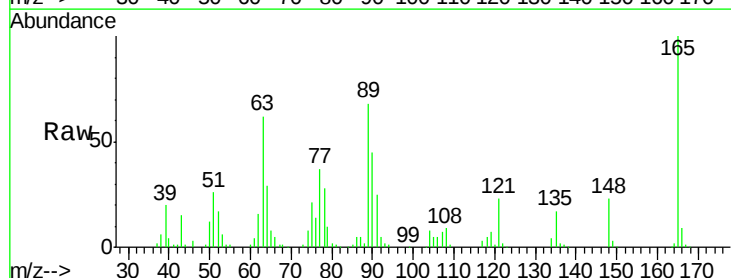
Tgt Ion:165 Resp: 94998

Ion Ratio Lower Upper

165 100

63 62.1 34.3 51.5#

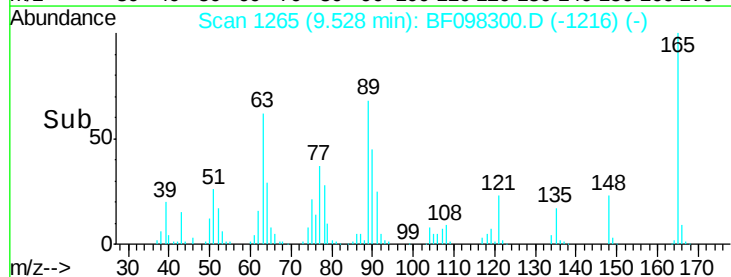
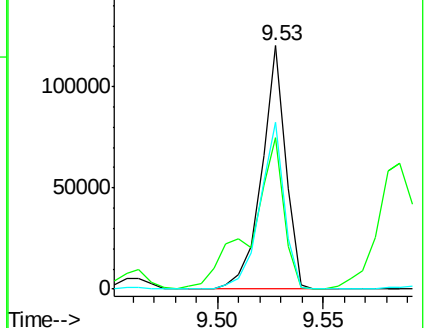
89 68.5 37.1 55.7#

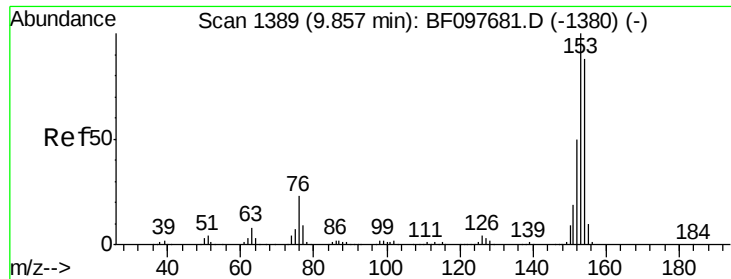


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.50 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

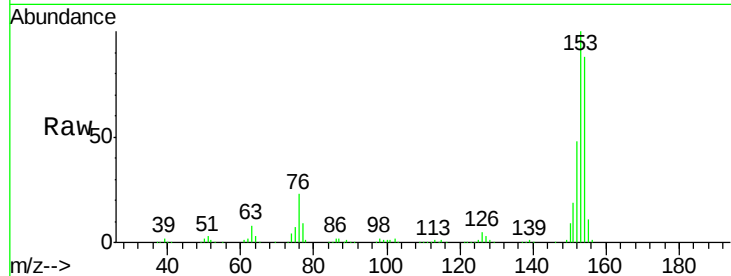
Tot Ion:154 Resp: 386274

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

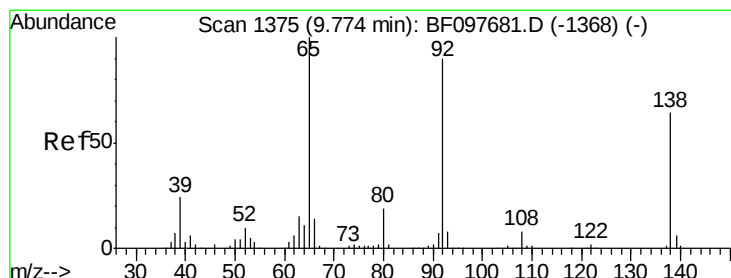
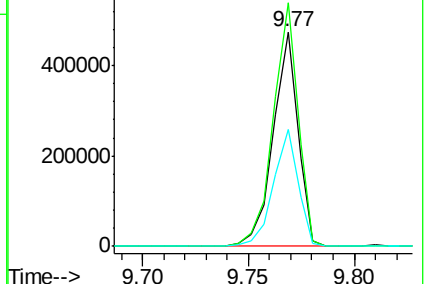
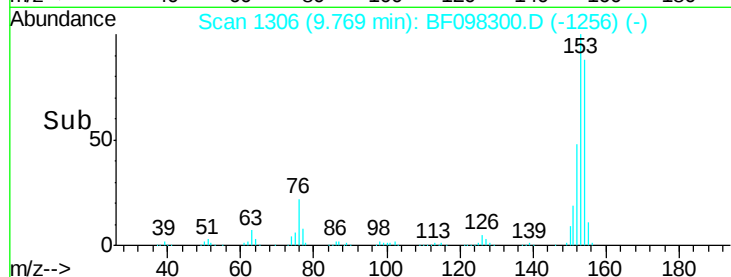
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.71 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

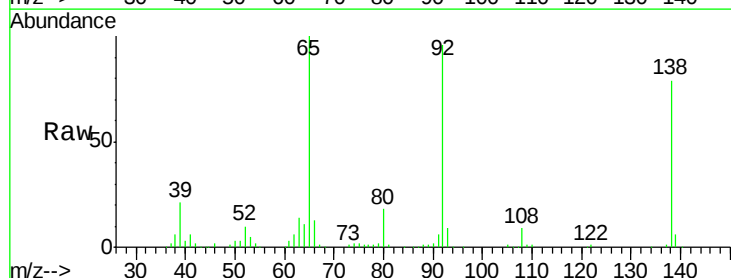
Tgt Ion:138 Resp: 115385

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

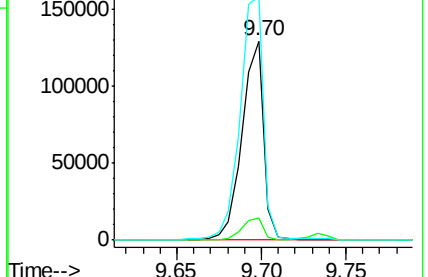
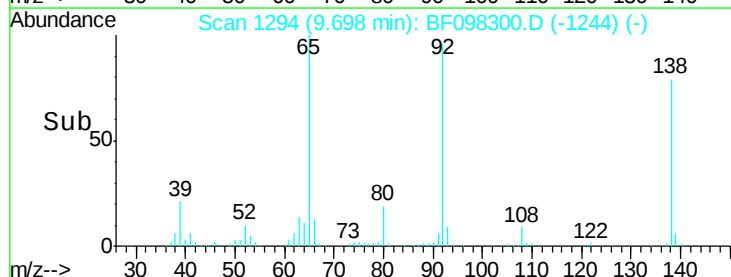
92 122.3 93.8 140.6

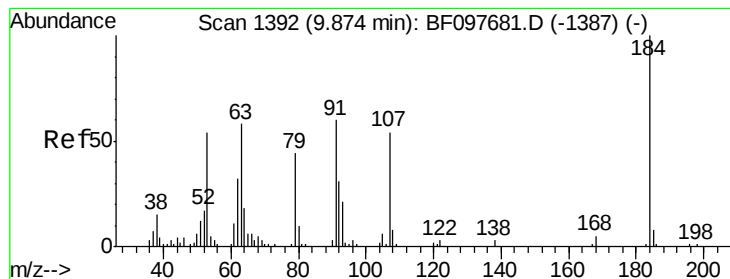


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 14.53 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

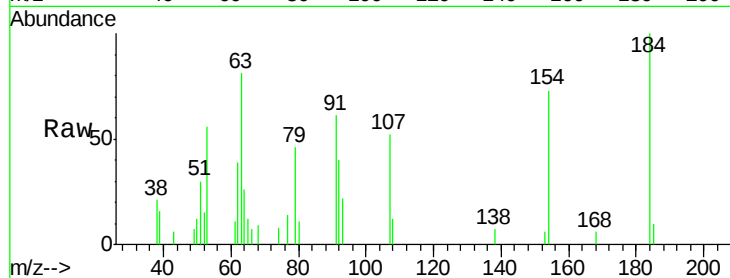
Tot Ion:184 Resp: 5389

Ion Ratio Lower Upper

184 100

63 81.4 62.7 94.1

154 72.9 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

600000

500000

400000

300000

200000

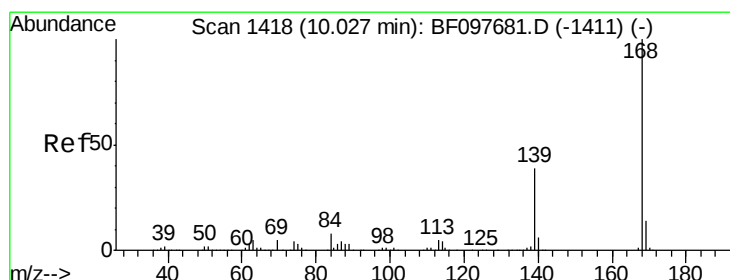
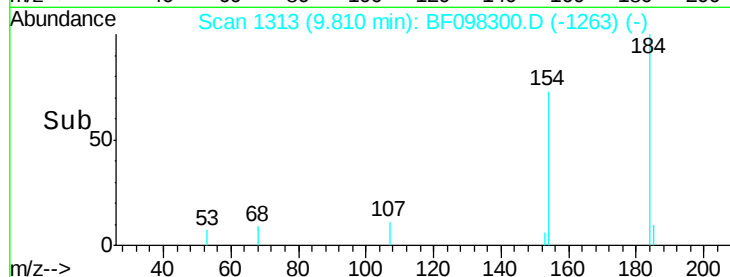
100000

0

9.80

9.85

Time-->



#54

Dibenzofuran

Concen: 42.07 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

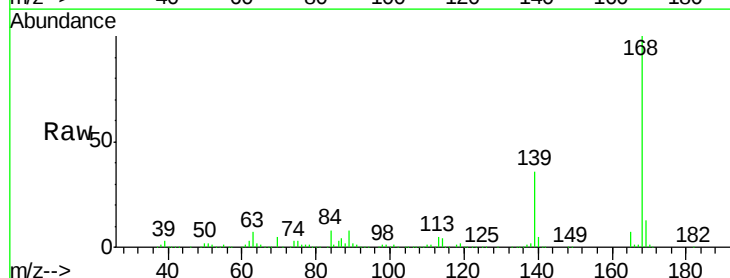
Tgt Ion:168 Resp: 580796

Ion Ratio Lower Upper

168 100

139 36.4 30.6 45.8

169 13.2 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

800000

600000

400000

200000

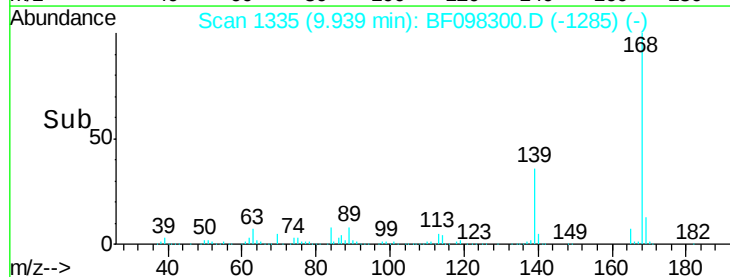
0

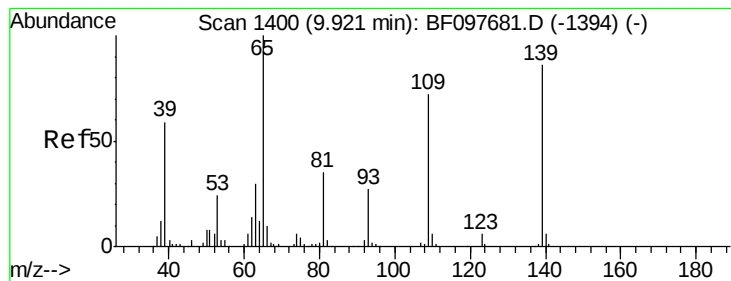
9.90

9.95

10.00

Time-->





#55

4-Nitrophenol

Concen: 61.20 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

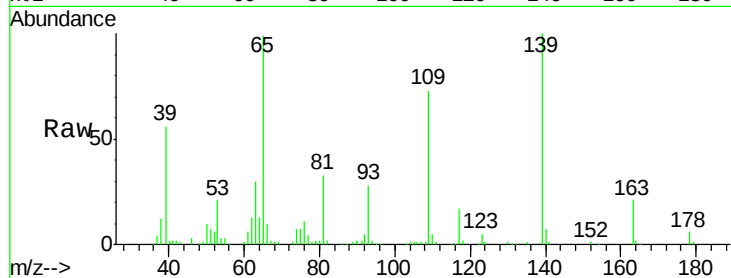
Tot Ion:139 Resp: 141854

Ion Ratio Lower Upper

139 100

109 73.0 34.1 74.1

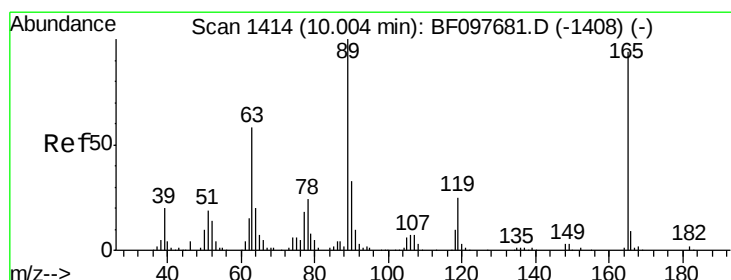
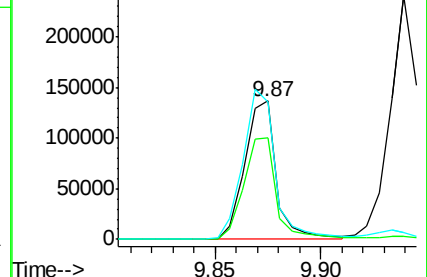
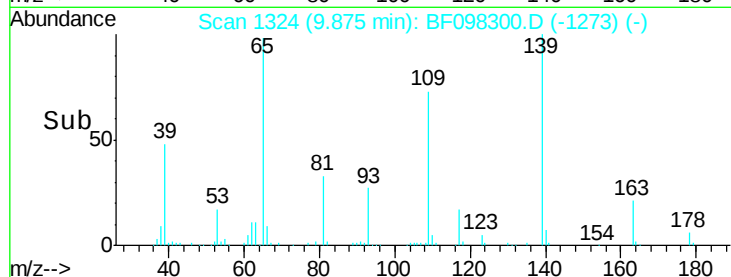
65 99.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.82 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Tgt Ion:165 Resp: 106888

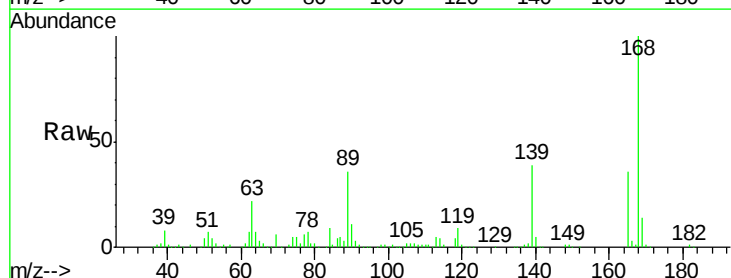
Ion Ratio Lower Upper

165 100

63 61.6 25.4 38.0#

89 98.1 46.4 69.6#

182 2.4 1.8 2.6

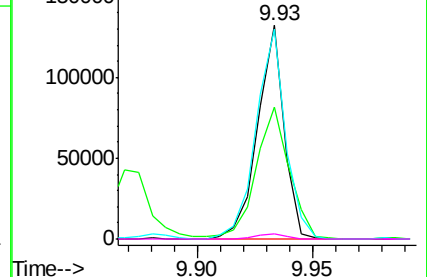
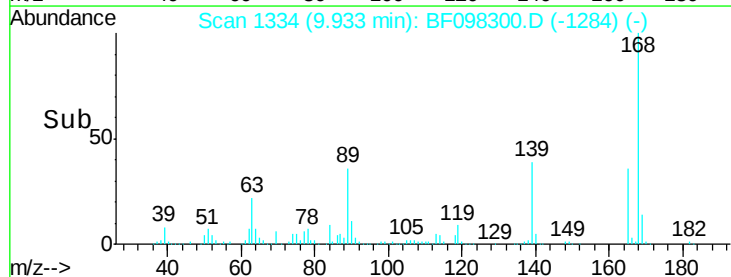


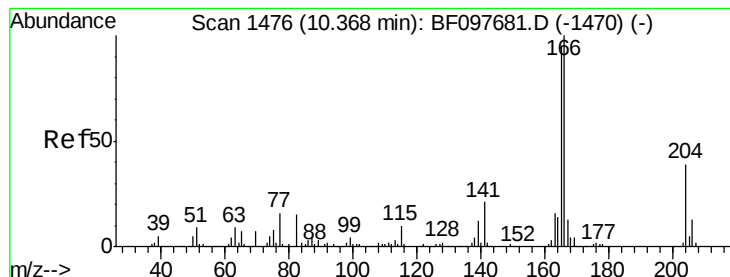
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.50 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

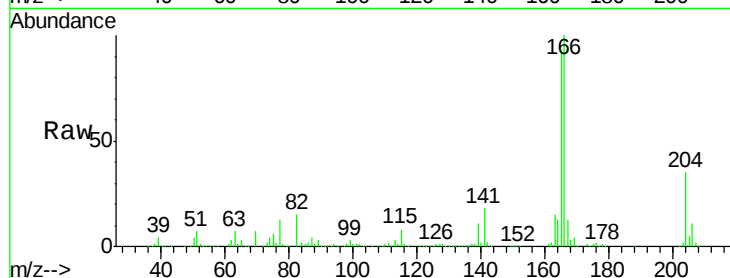
Tot Ion:166 Resp: 421576

Ion Ratio Lower Upper

166 100

165 92.9 78.8 118.2

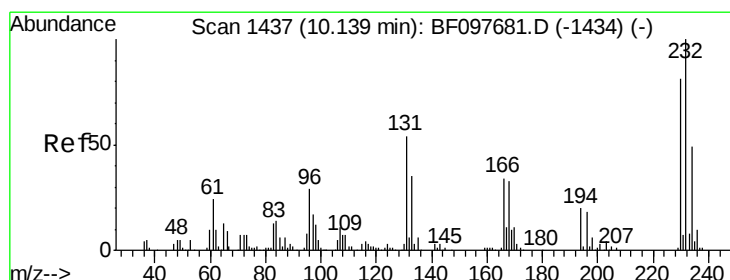
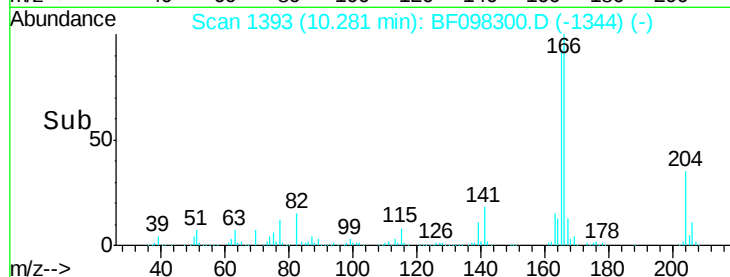
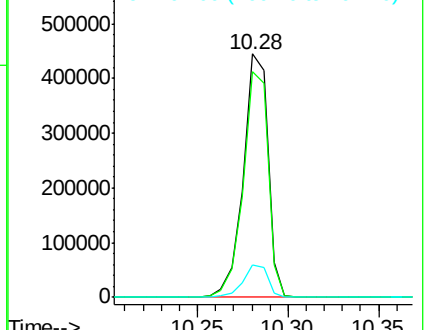
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.69 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Tgt Ion:232 Resp: 99391

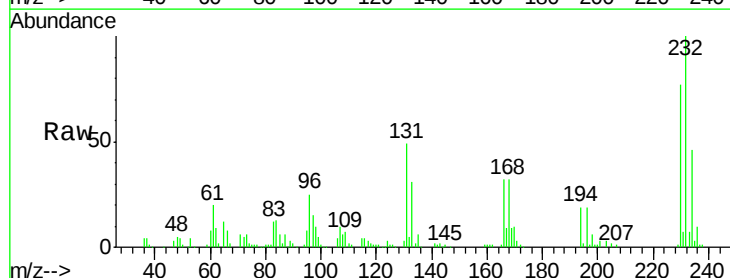
Ion Ratio Lower Upper

232 100

131 48.4 44.8 67.2

130 2.4 2.3 3.5

166 31.2 29.0 43.4

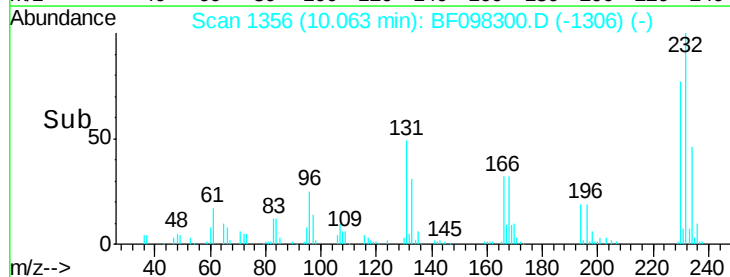
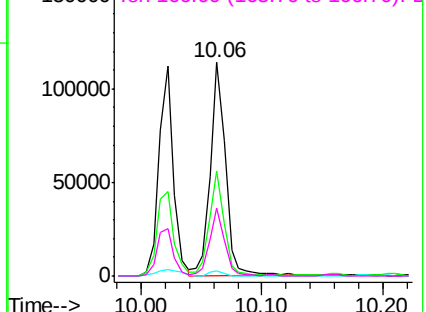


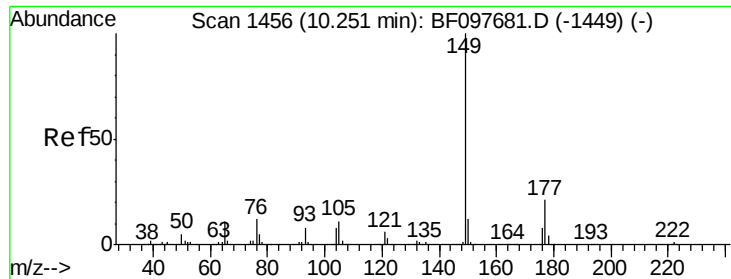
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

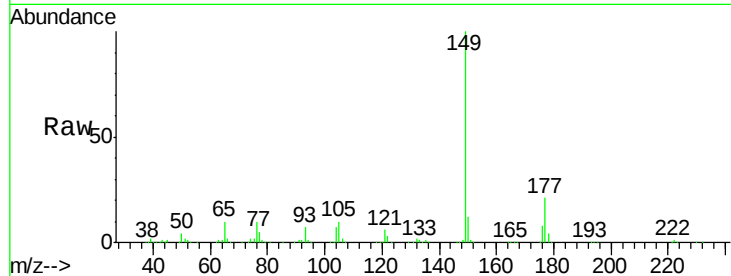




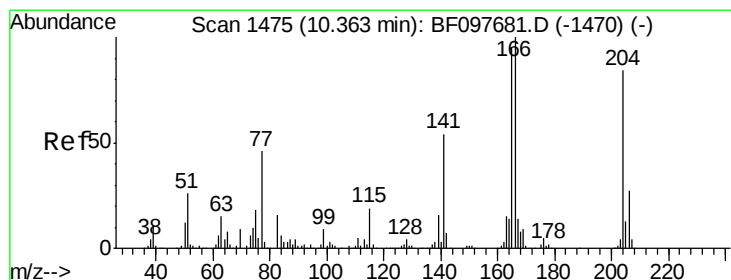
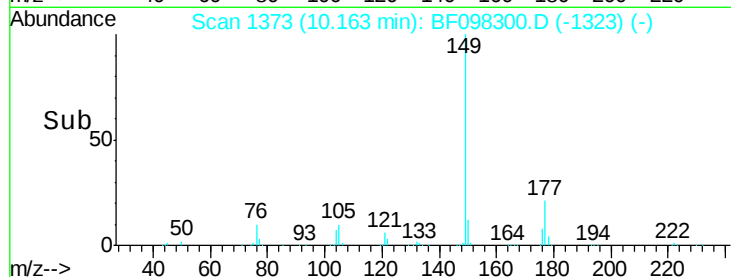
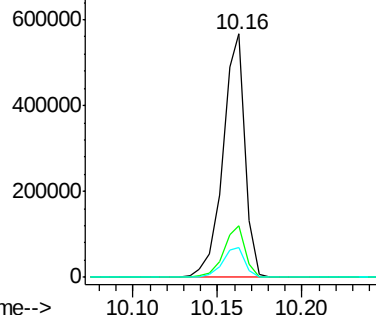
#59
Diethylphthalate
Concen: 43.86 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Instrument :
BNA_F
ClientSampleId :
PB102084BS

Tot Ion:149 Resp: 517509
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.4 10.2 15.2

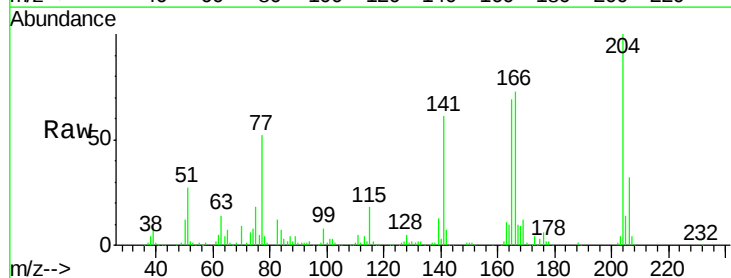


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

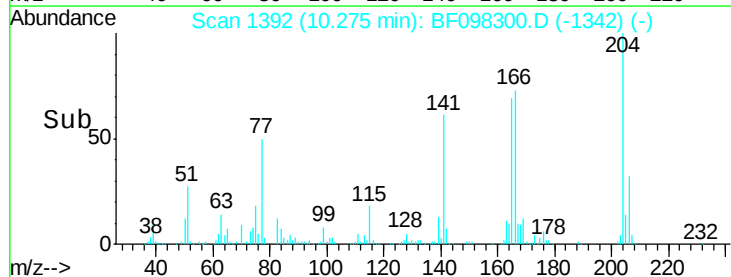
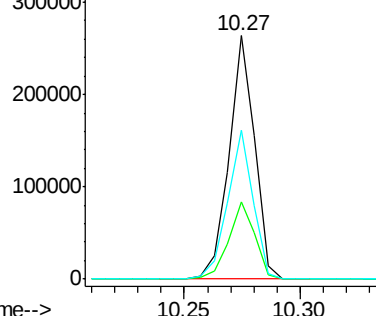


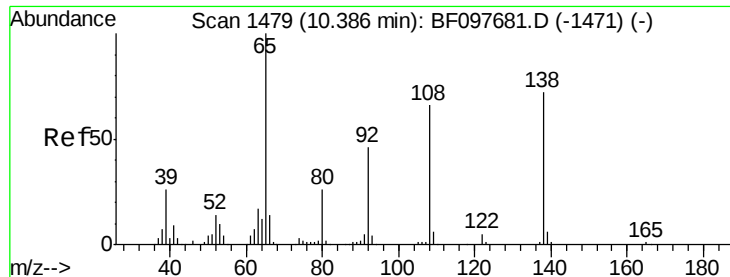
#60
4-Chlorophenyl-phenylether
Concen: 41.30 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:204 Resp: 204780
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 61.1 60.8 91.2



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

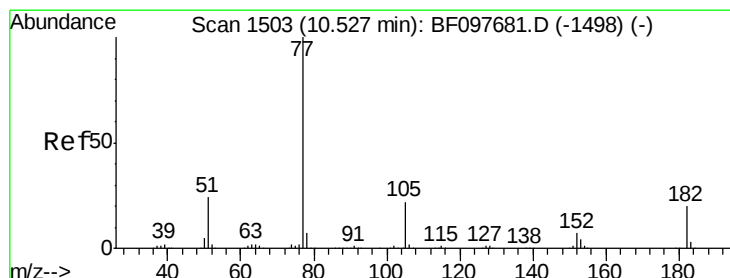
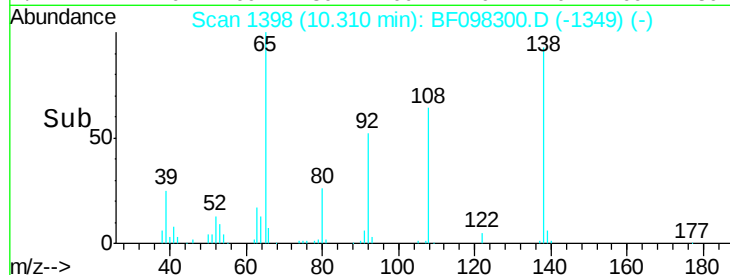
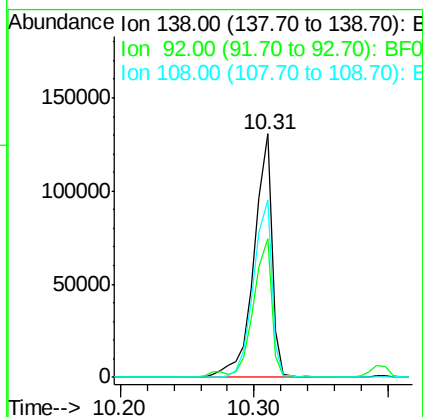
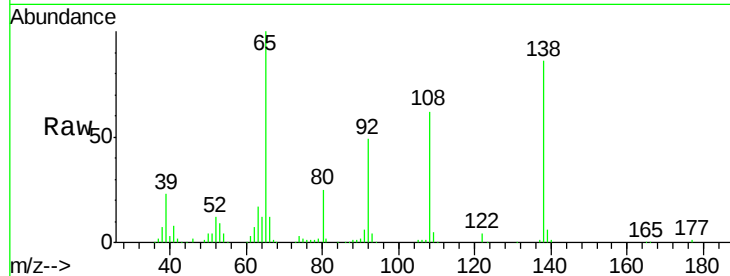




#61
4-Nitroaniline
Concen: 43.67 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

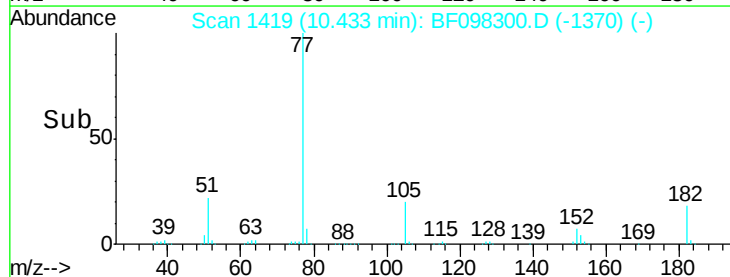
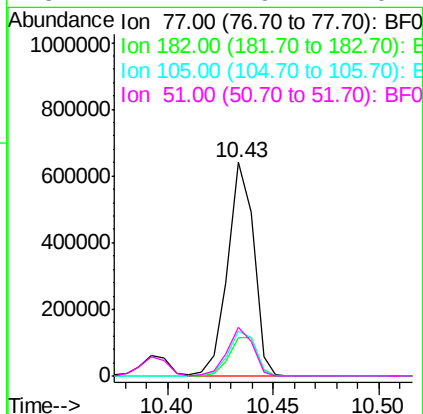
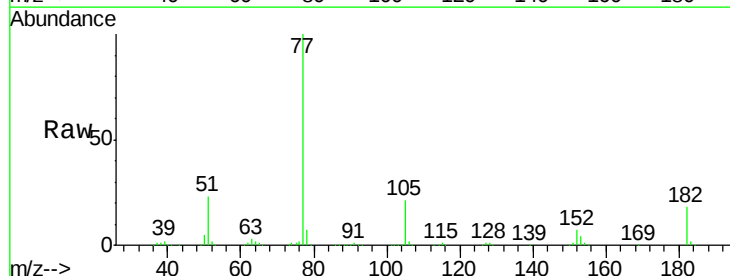
Instrument :
BNA_F
ClientSampleId :
PB102084BS

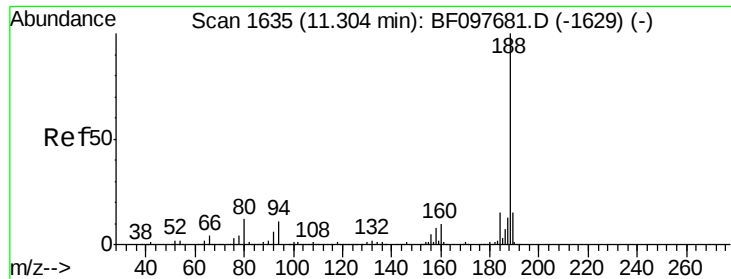
Tot Ion:138 Resp: 120604
Ion Ratio Lower Upper
138 100
92 56.8 21.8 61.8
108 72.7 42.3 82.3



#62
Azobenzene
Concen: 38.87 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion: 77 Resp: 544813
Ion Ratio Lower Upper
77 100
182 17.9 0.1 40.1
105 20.8 3.6 43.6
51 22.7 9.4 49.4

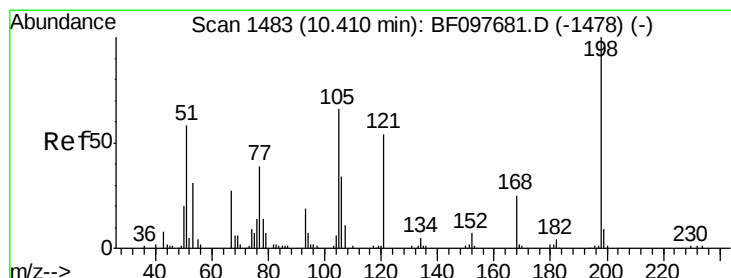
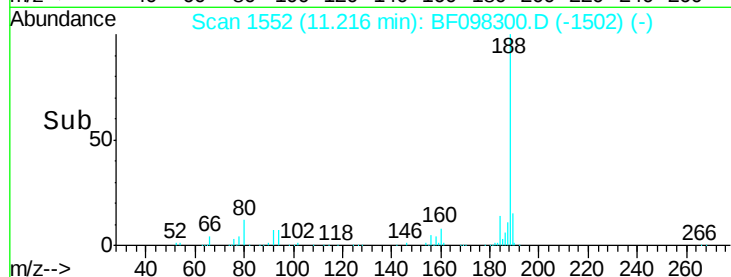
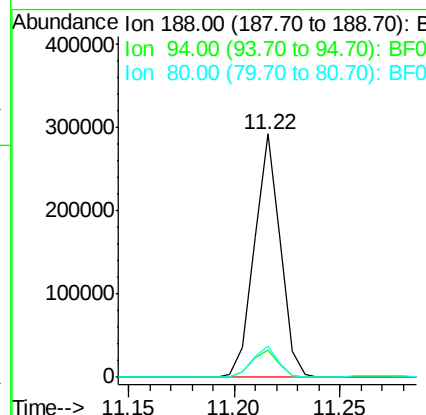
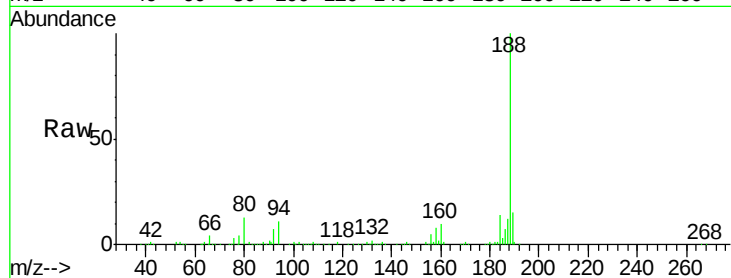




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

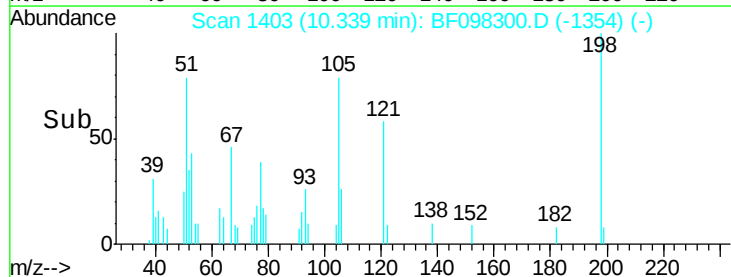
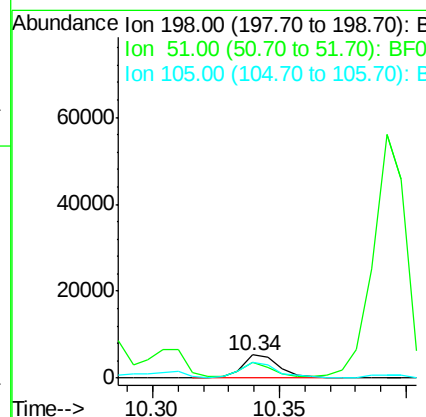
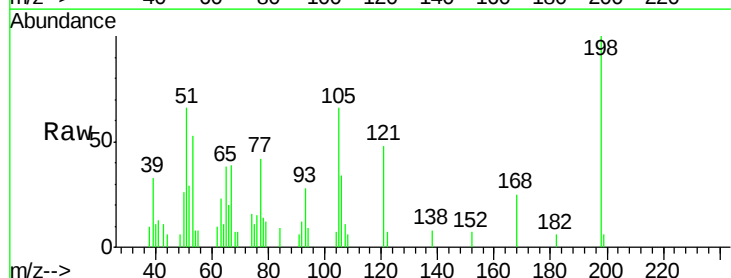
Instrument :
BNA_F
ClientSampleId :
PB102084BS

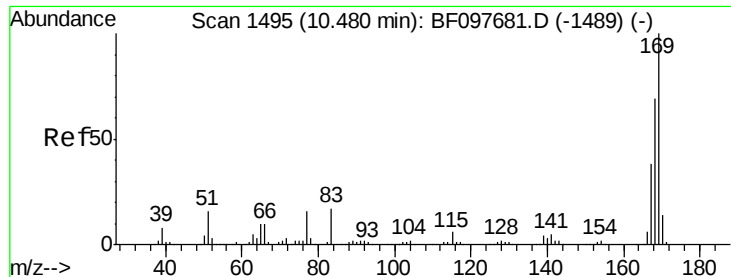
Tot Ion:188 Resp: 249836
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 12.15 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:198 Resp: 5449
Ion Ratio Lower Upper
198 100
51 66.1 53.2 93.2
105 66.2 45.8 85.8

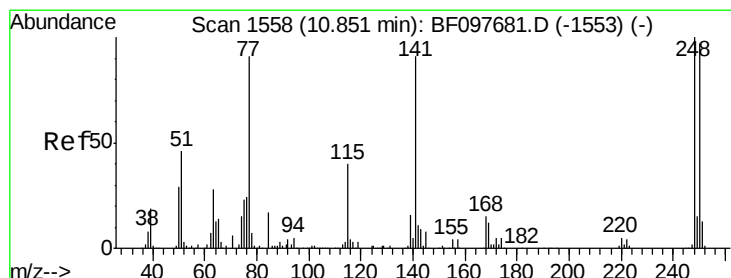
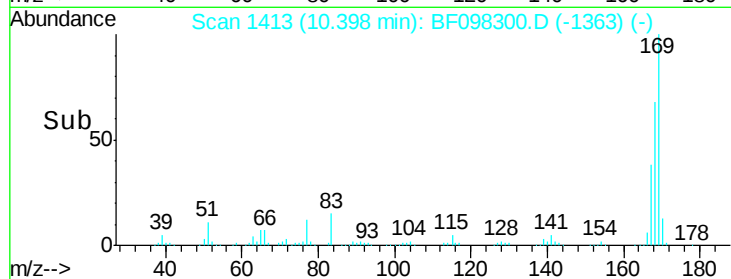
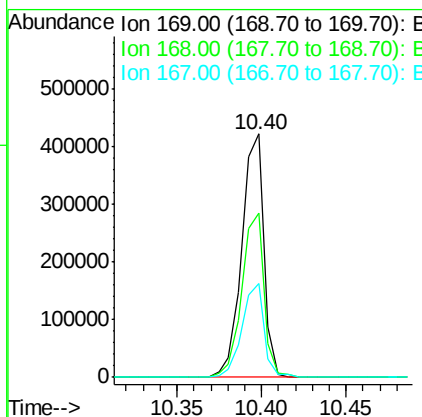
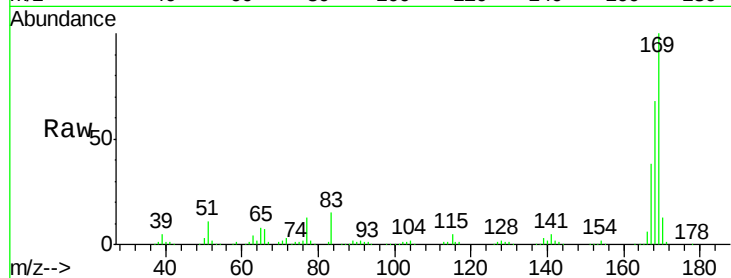




#65
 n-Nitrosodiphenylamine
 Concen: 45.23 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

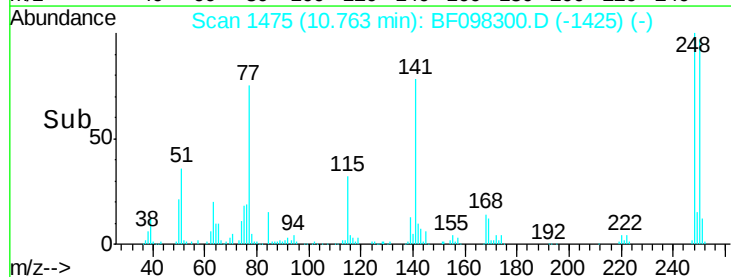
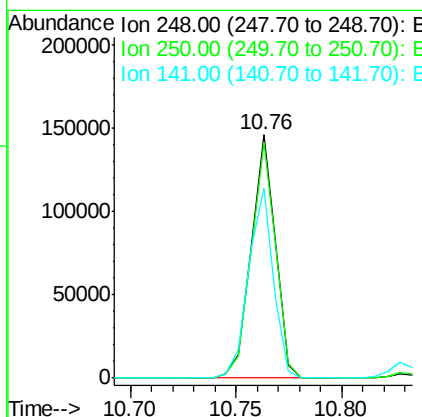
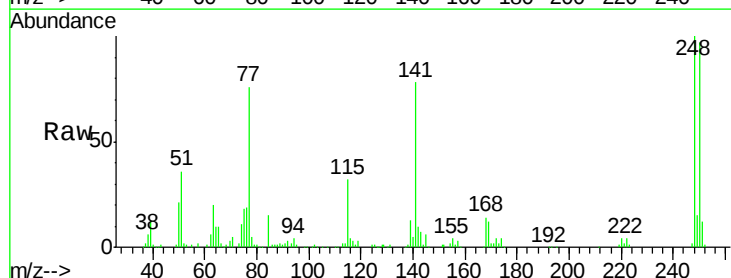
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion:169 Resp: 384810
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 38.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.29 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:248 Resp: 117503
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 77.8 68.6 103.0

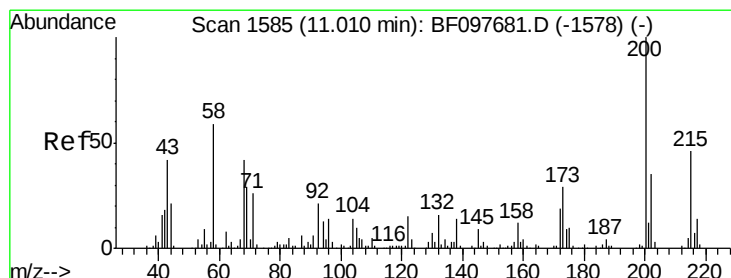
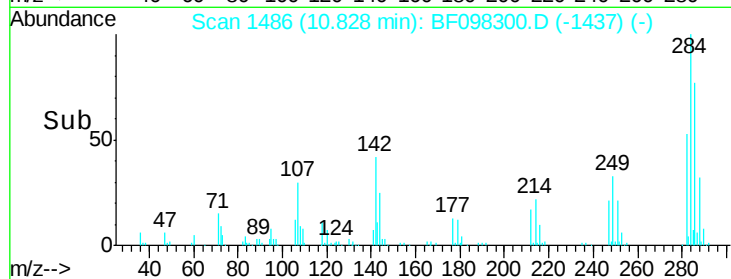
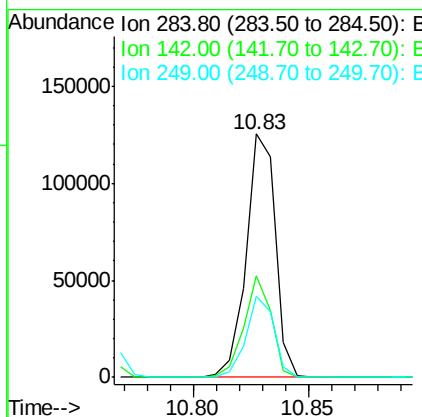
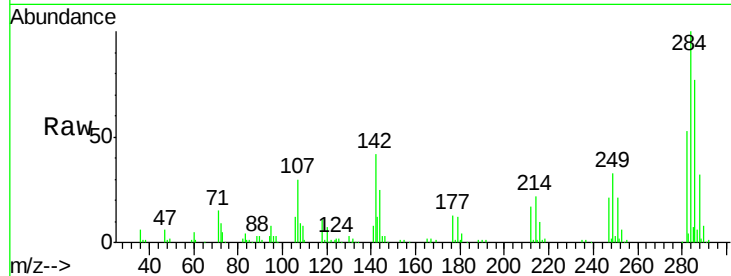




#67
Hexachlorobenzene
Concen: 42.01 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

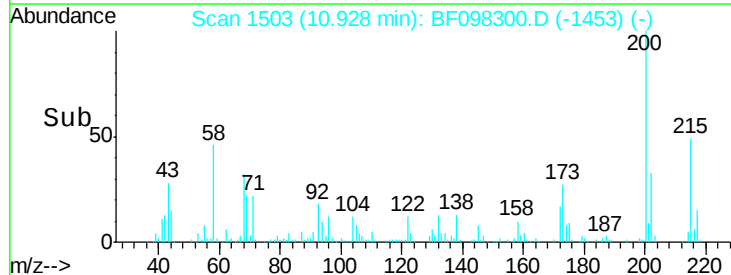
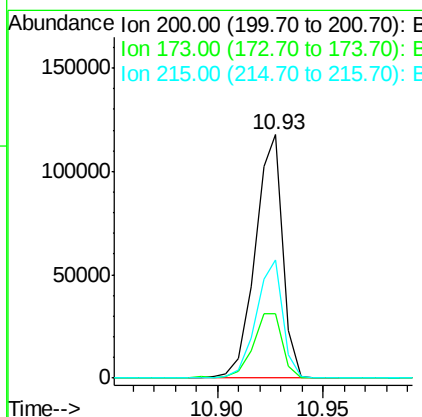
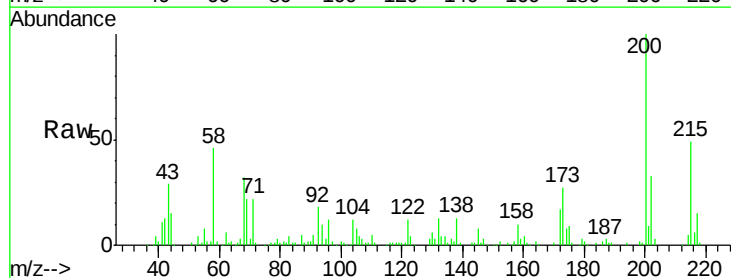
Instrument :
BNA_F
ClientSampleId :
PB102084BS

Tot Ion:284 Resp: 111081
Ion Ratio Lower Upper
284 100
142 41.7 22.8 34.2#
249 33.2 24.0 36.0



#68
Atrazine
Concen: 47.12 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:200 Resp: 106317
Ion Ratio Lower Upper
200 100
173 26.5 6.3 46.3
215 48.6 27.2 67.2

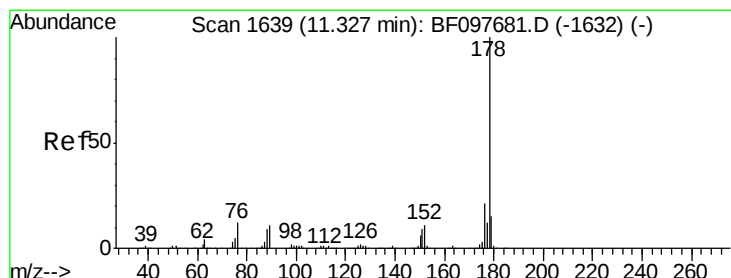
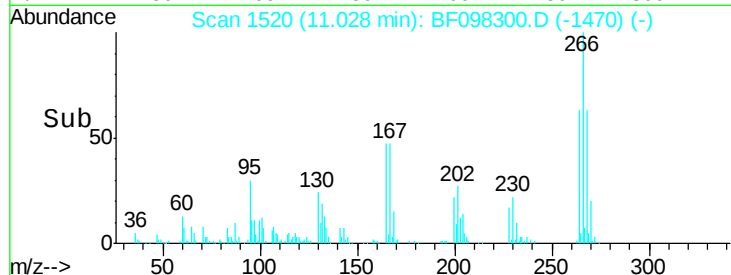
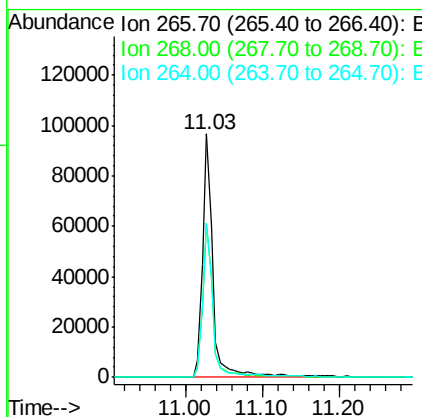
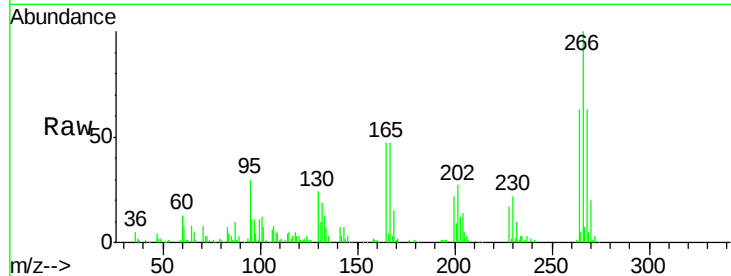




#69
 Pentachlorophenol
 Concen: 59.93 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

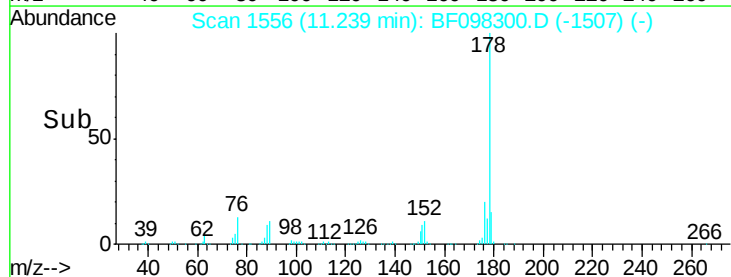
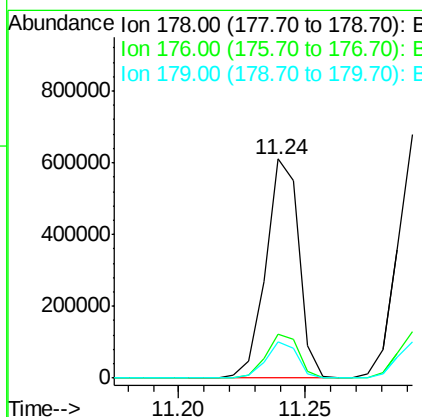
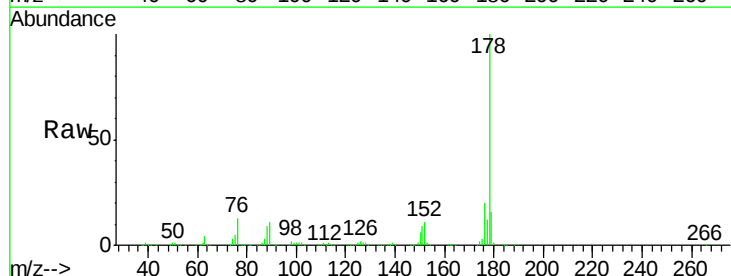
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

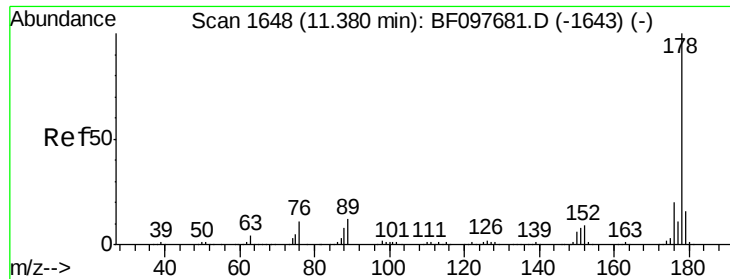
Tot Ion:266 Resp: 92401
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.0 51.7 77.5



#70
 Phenanthrene
 Concen: 42.03 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:178 Resp: 559486
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 16.3 12.6 19.0

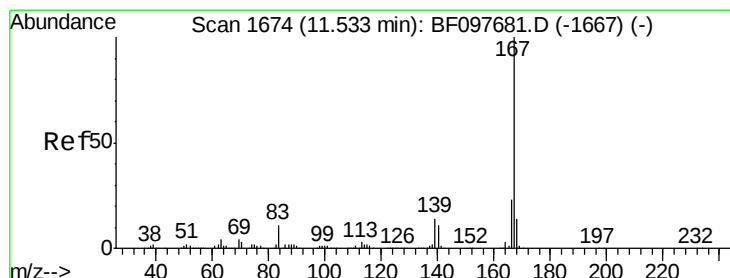
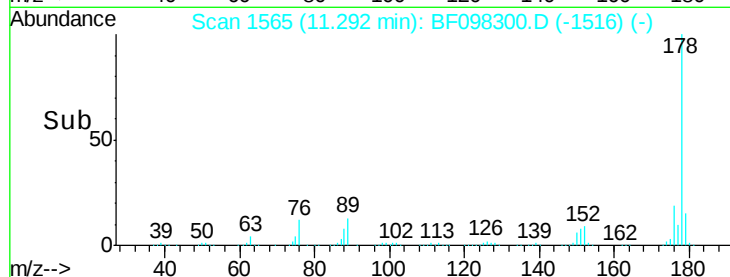
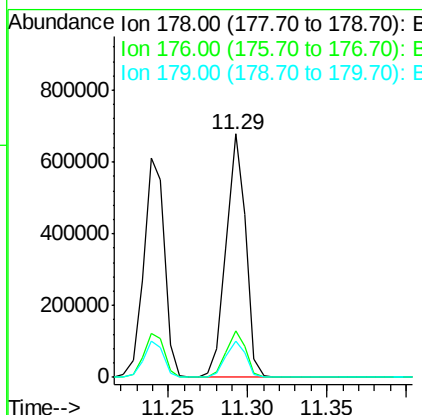
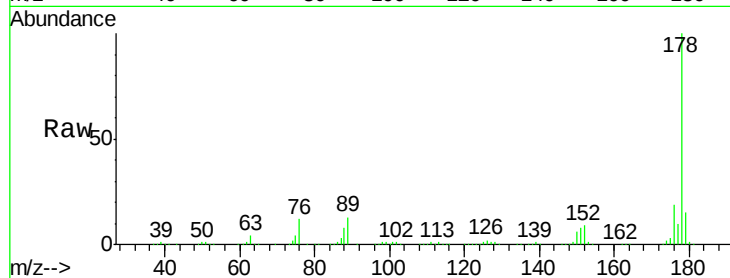




#71
 Anthracene
 Concen: 42.96 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

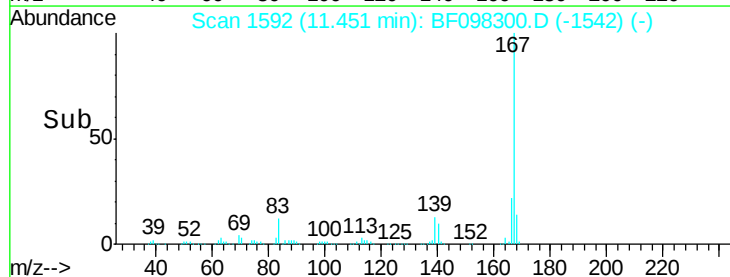
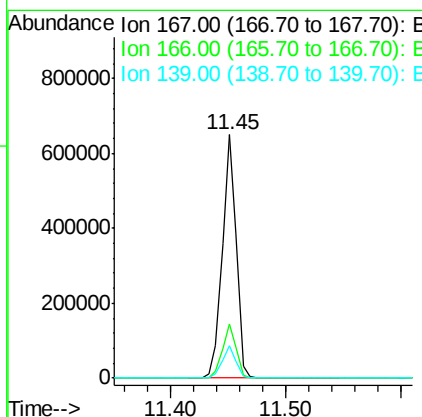
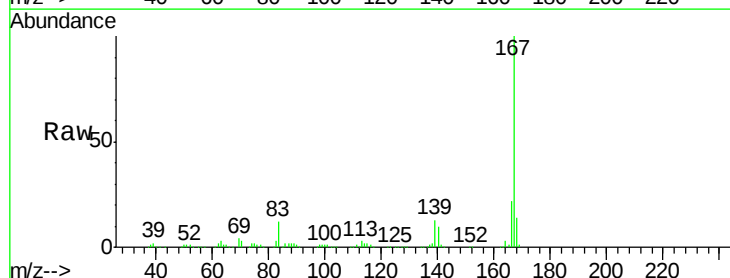
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion:178 Resp: 580122
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 42.42 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:167 Resp: 543693
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.21 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

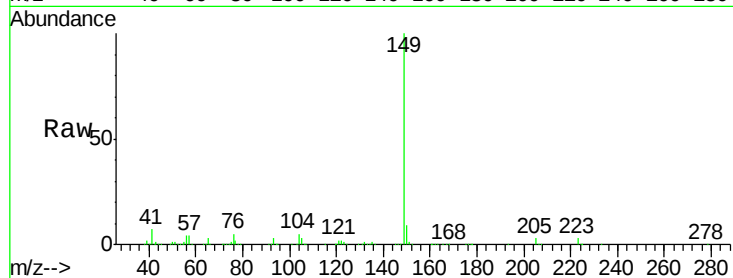
Tot Ion:149 Resp: 711691

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

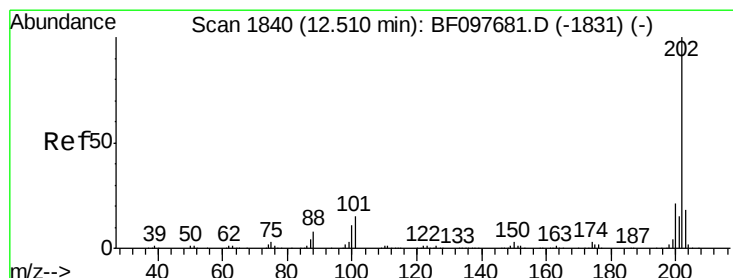
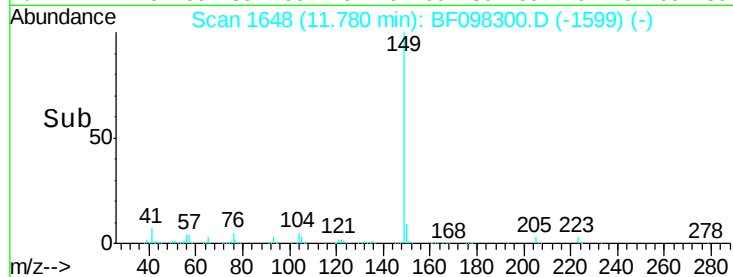
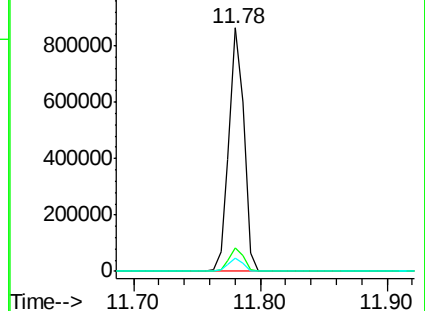
104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.98 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

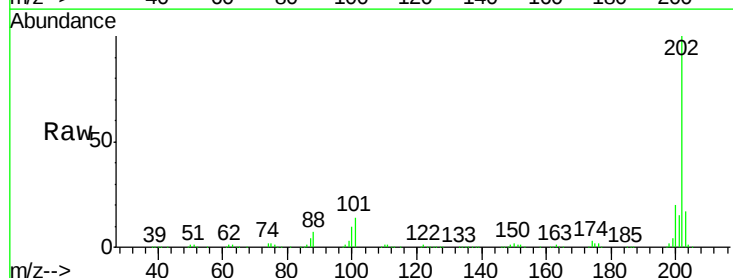
Tgt Ion:202 Resp: 597264

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

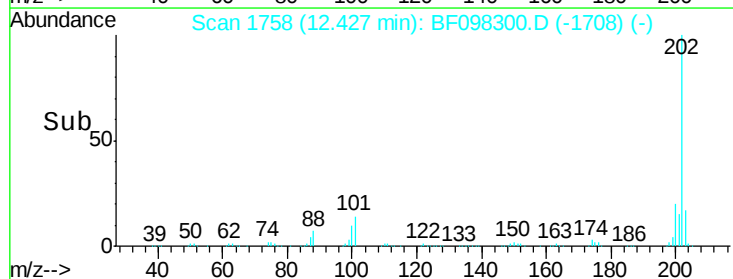
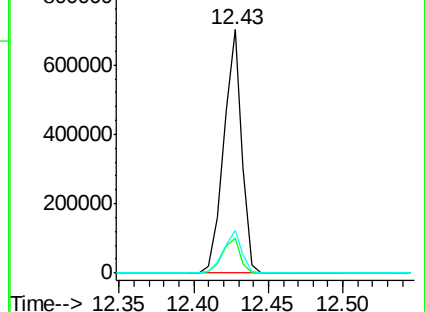
203 17.4 0.0 38.1

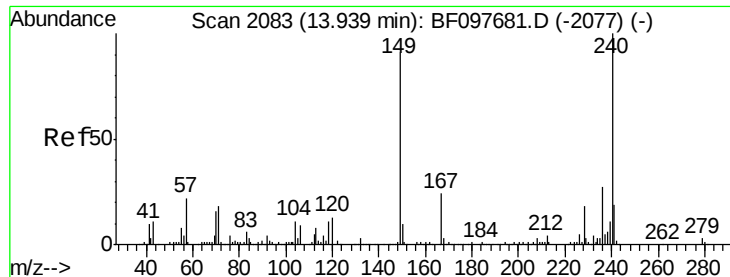


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

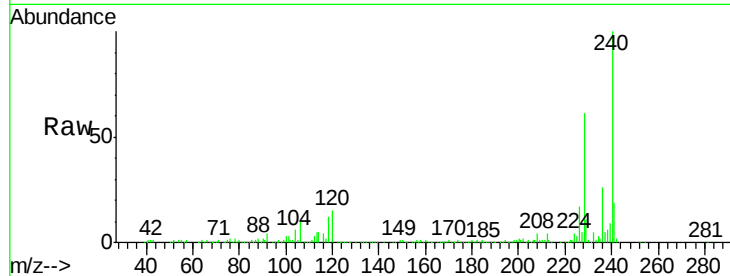
Tot Ion:240 Resp: 212538

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

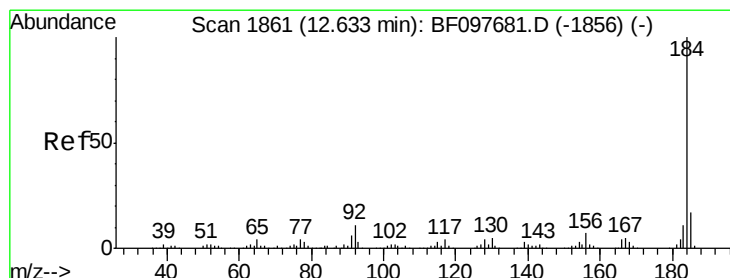
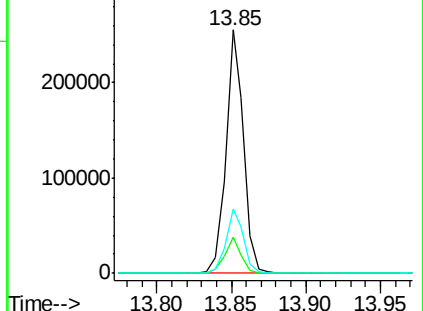
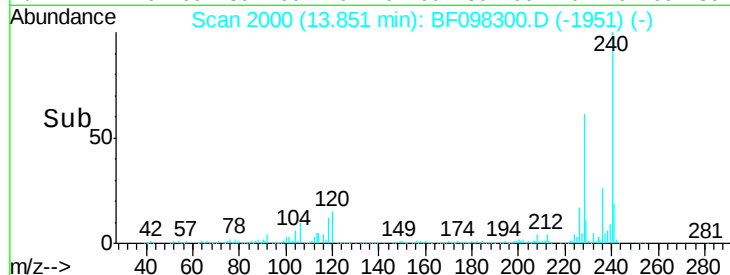
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 73.67 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

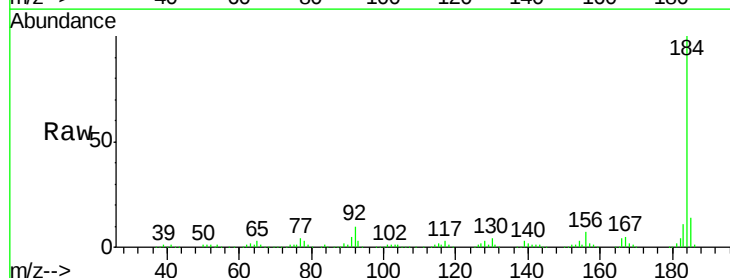
Tgt Ion:184 Resp: 513405

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

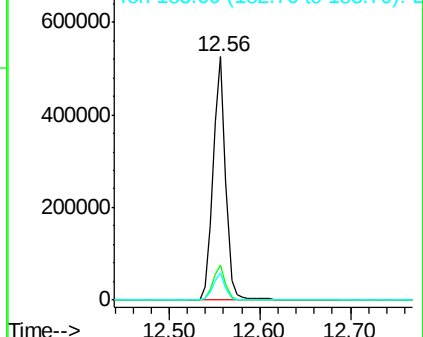
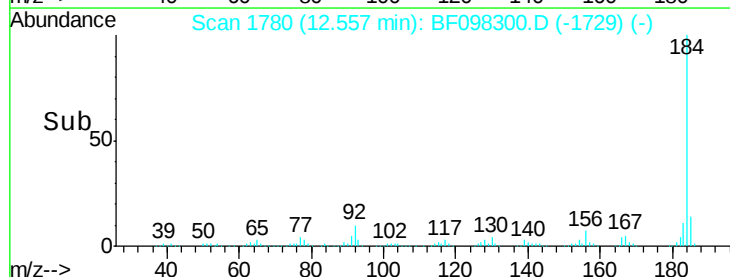
183 11.2 9.8 14.6

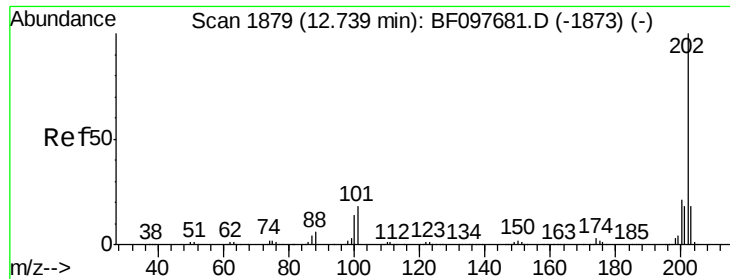


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

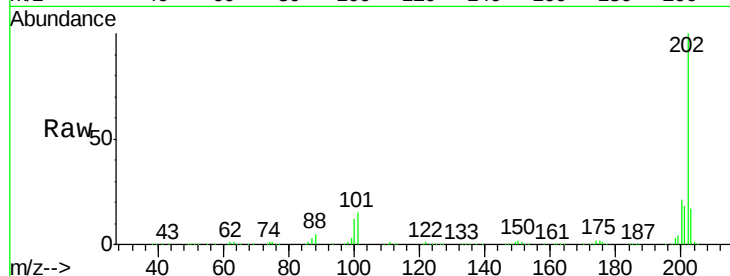




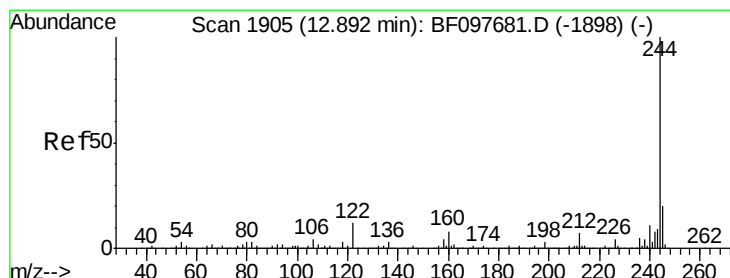
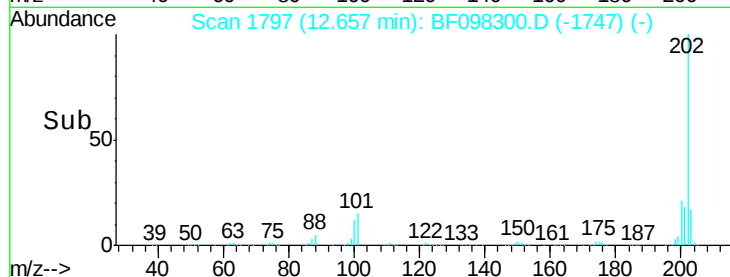
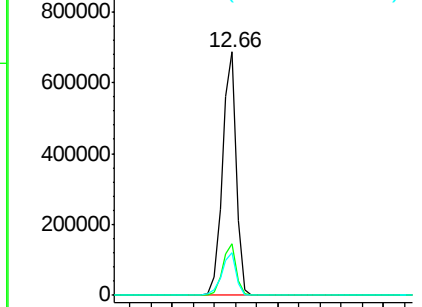
#77
 Pvrene
 Concen: 36.14 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion: 202 Resp: 628143
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.6 26.4
 203 17.4 14.4 21.6

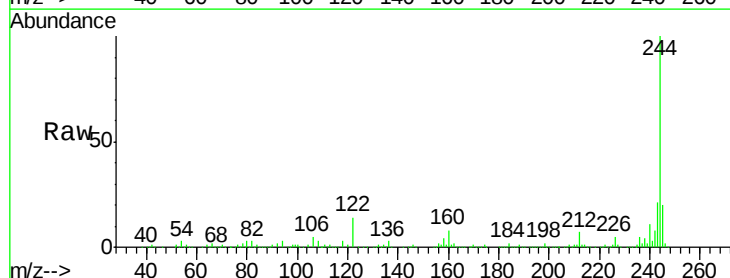


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

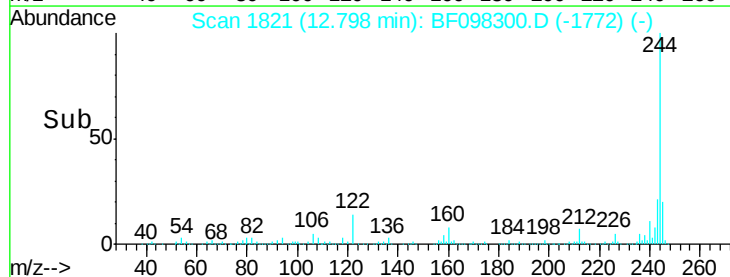
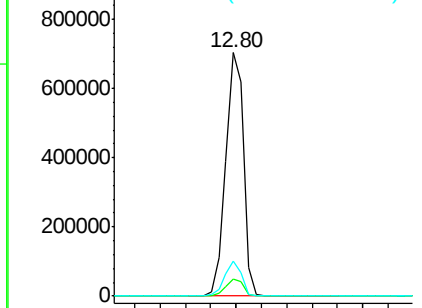


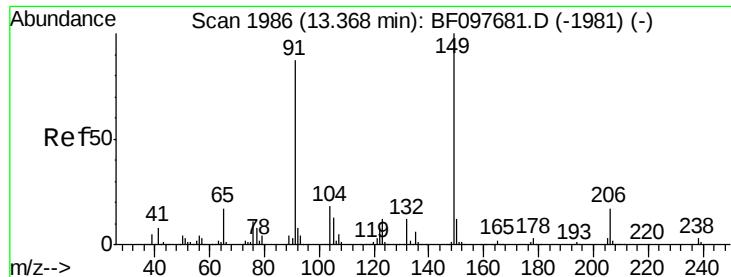
#78
 Terphenyl-d14
 Concen: 66.75 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion: 244 Resp: 680303
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

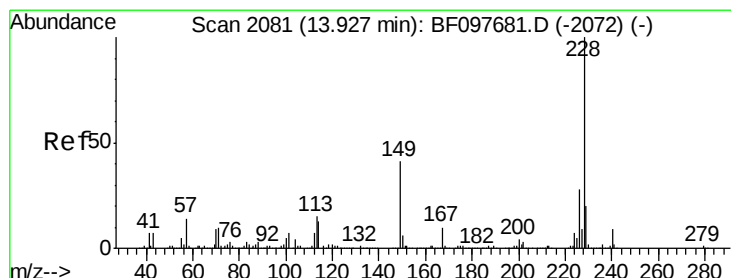
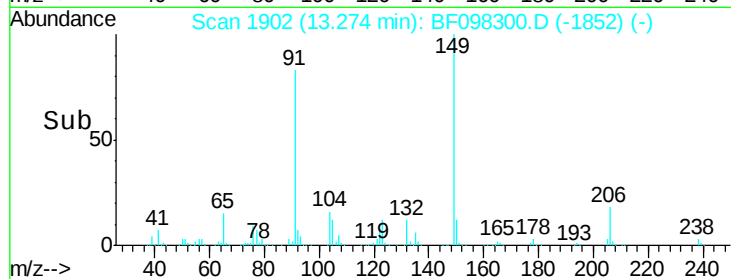
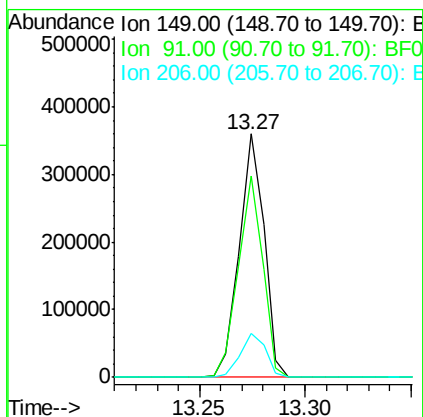
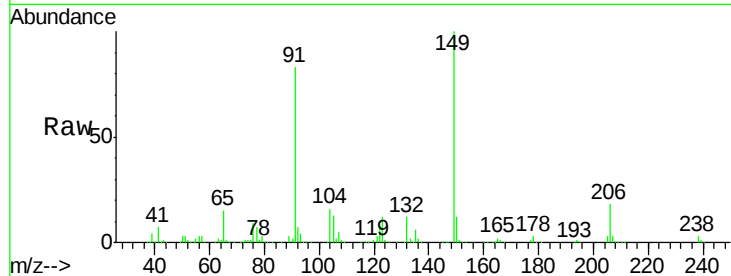




#79
Butylbenzylphthalate
Concen: 43.84 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

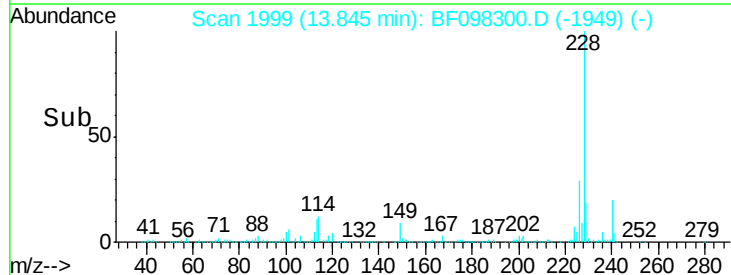
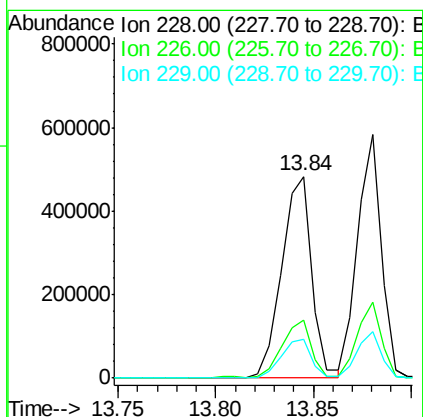
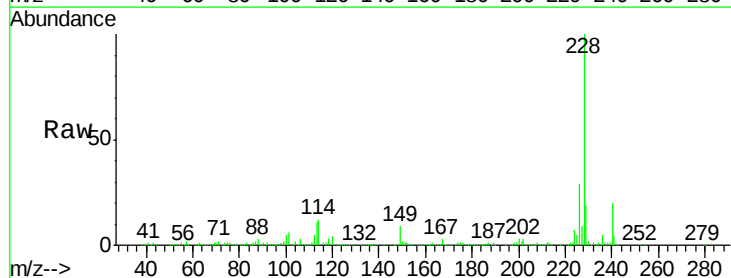
Instrument :
BNA_F
ClientSampleId :
PB102084BS

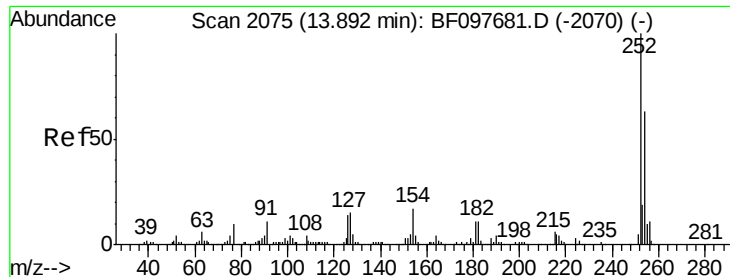
Tot Ion:149 Resp: 292185
Ion Ratio Lower Upper
149 100
91 82.8 45.0 67.4#
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.33 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:228 Resp: 513674
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 19.1 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 46.88 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

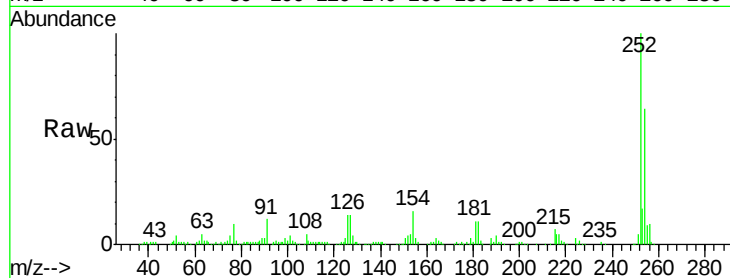
Tot Ion:252 Resp: 201504

Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

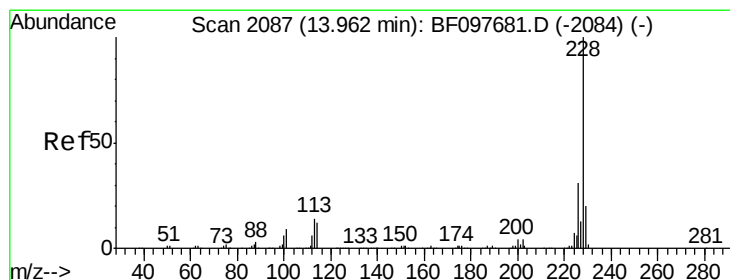
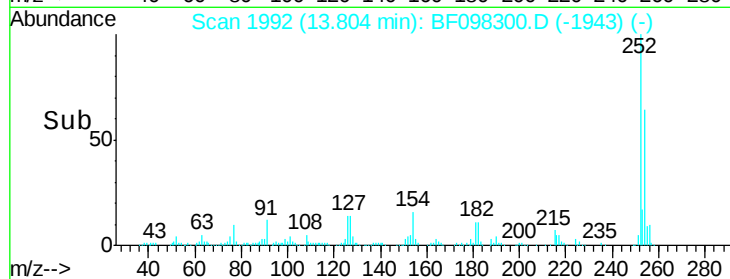
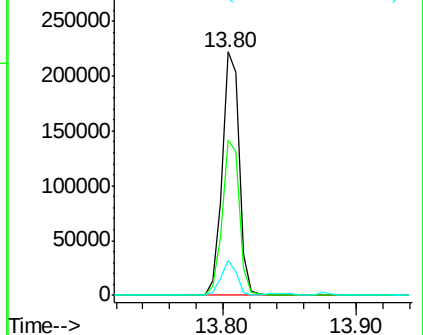
126 14.3 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.16 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

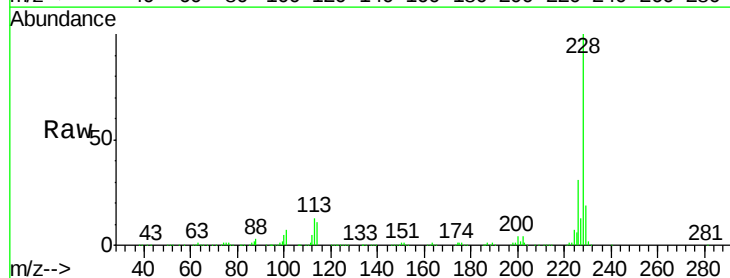
Tgt Ion:228 Resp: 496173

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

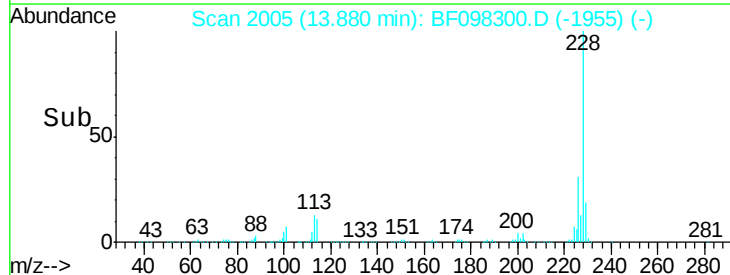
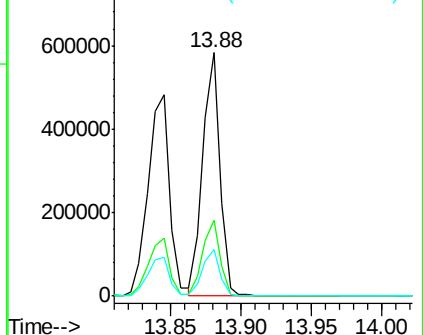
229 19.3 15.8 23.6

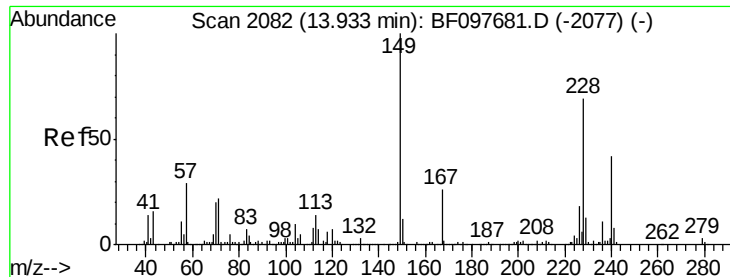


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

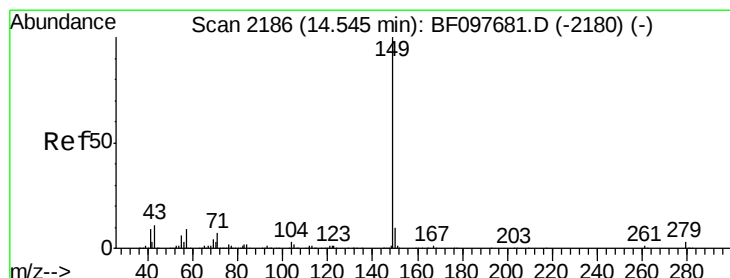
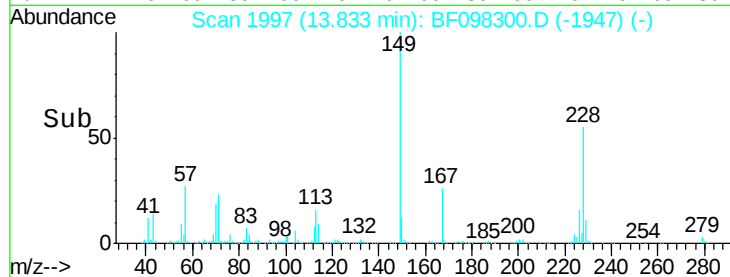
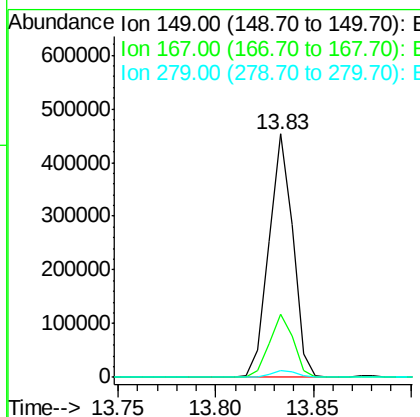
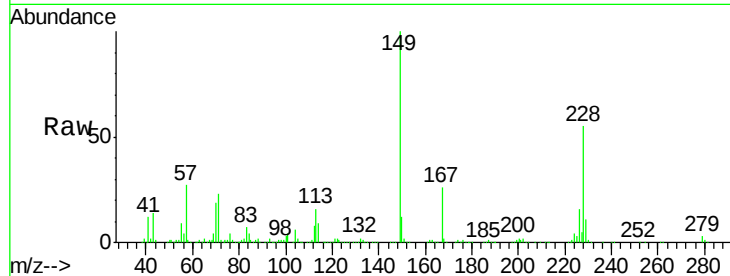




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.44 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

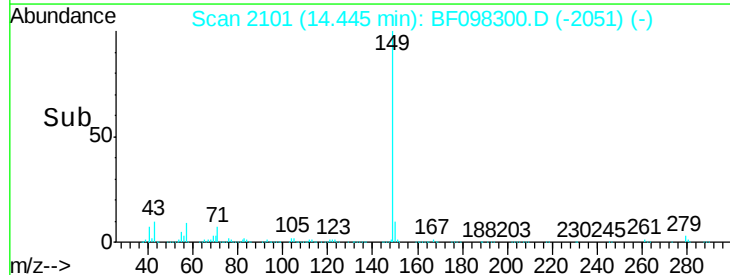
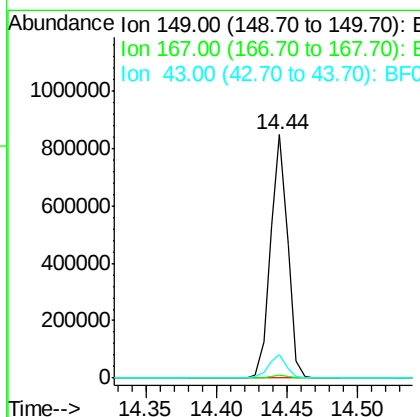
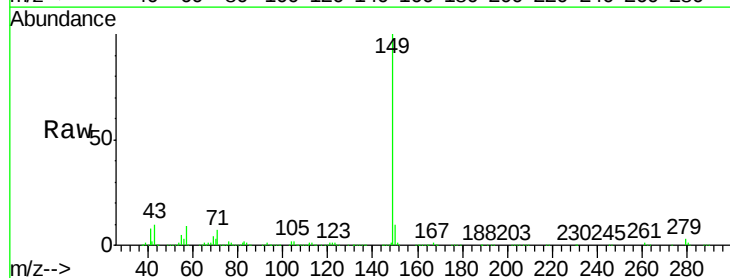
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

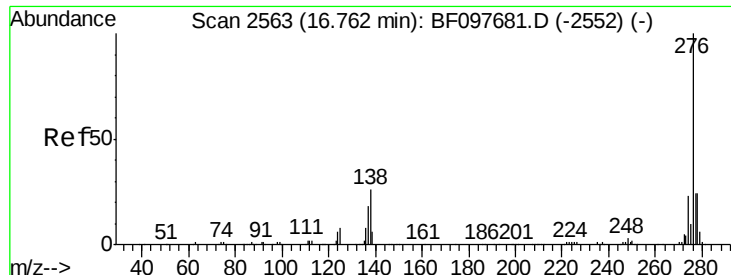
Tot Ion:149 Resp: 387248
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 56.57 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:149 Resp: 726900
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.66 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.02 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

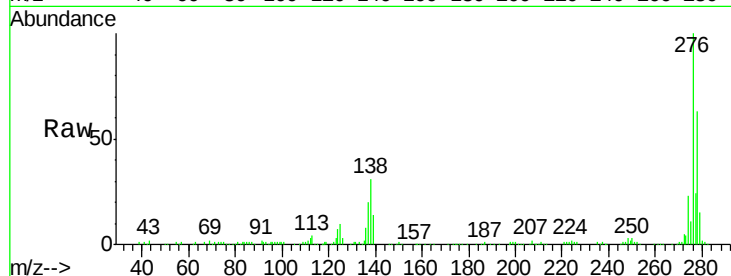
Tot Ion:276 Resp: 341743

Ion Ratio Lower Upper

276 100

138 30.8 27.8 41.6

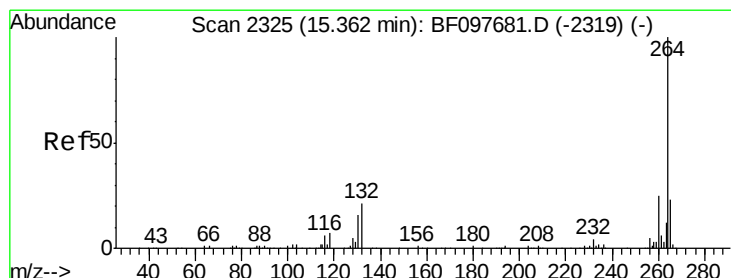
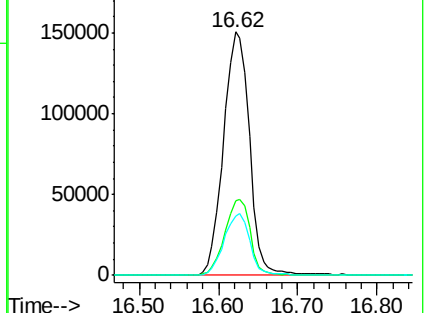
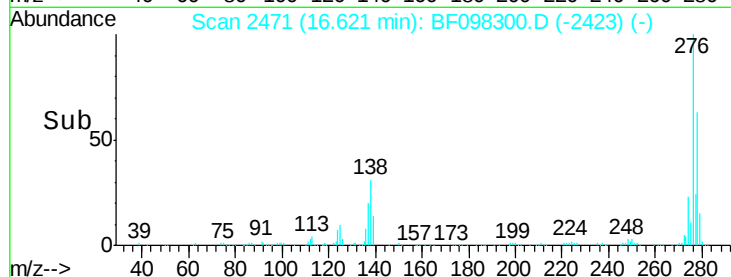
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

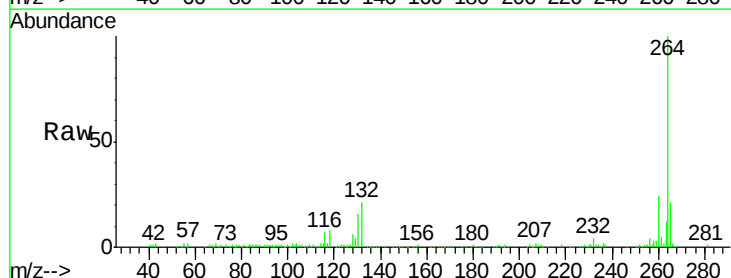
Tgt Ion:264 Resp: 151997

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

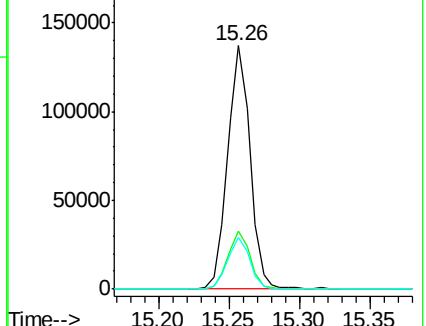
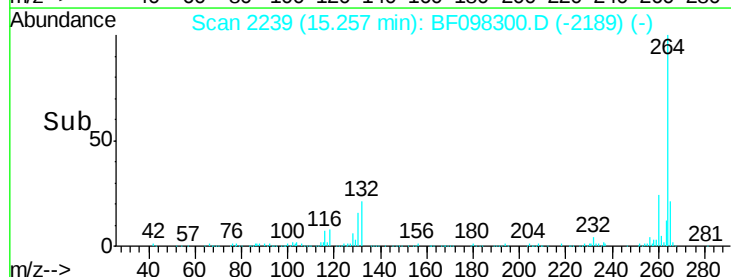
265 21.3 17.2 25.8

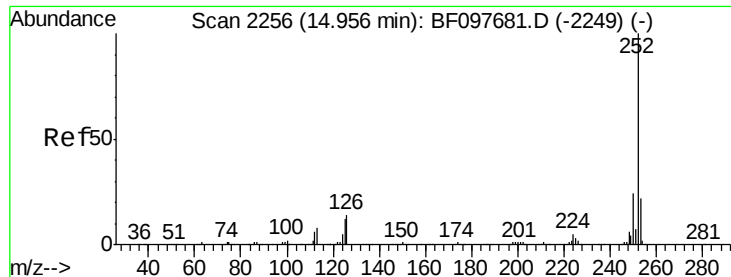


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.61 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

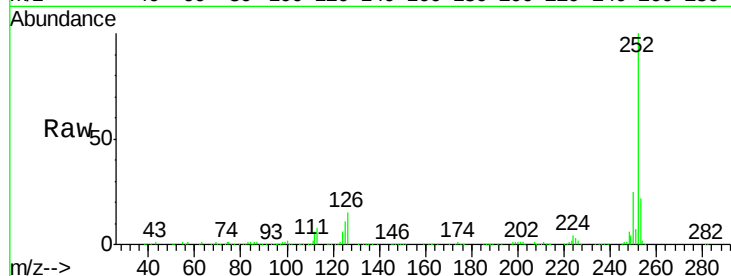
Tot Ion:252 Resp: 417826

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

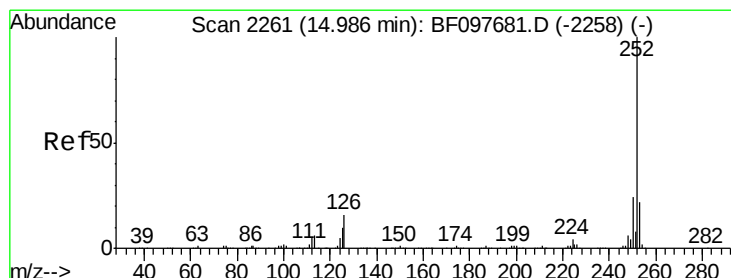
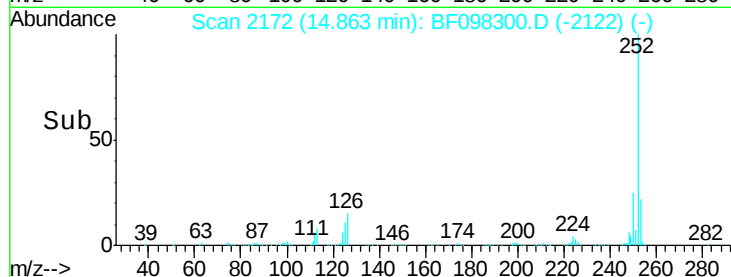
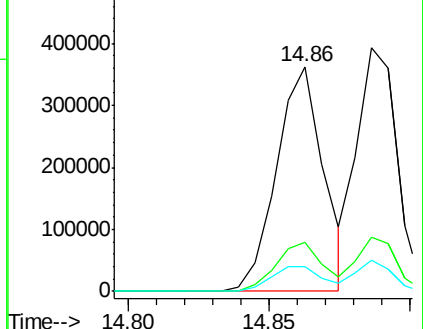
125 11.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.36 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

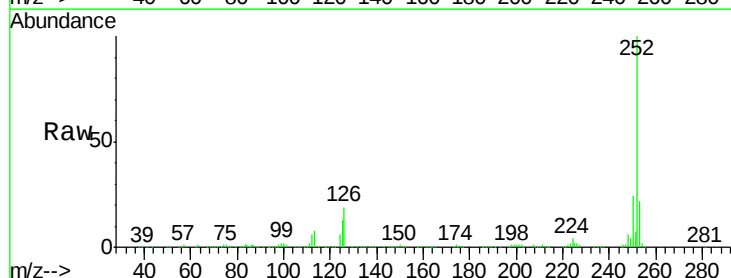
Tgt Ion:252 Resp: 390305

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

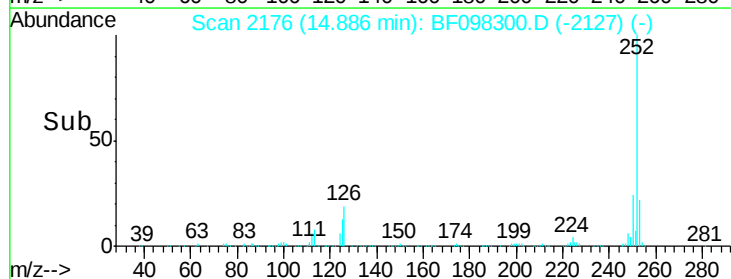
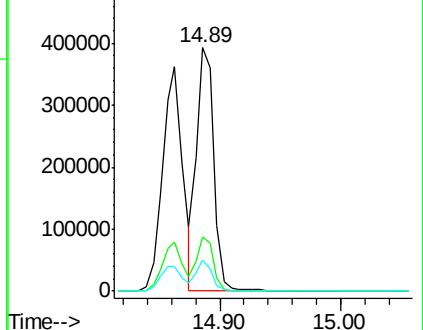
125 12.8 13.1 19.7#

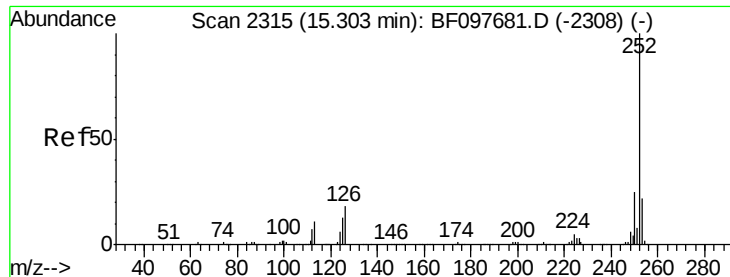


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

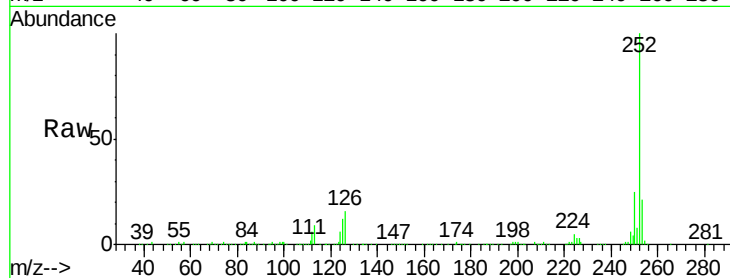




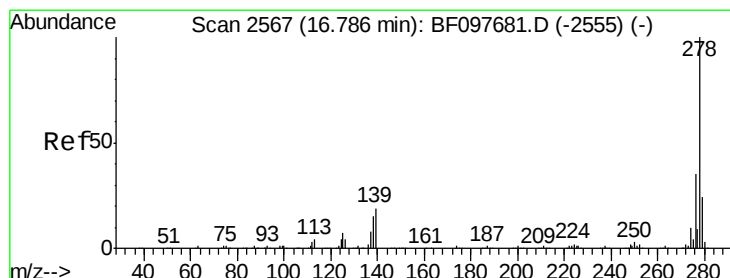
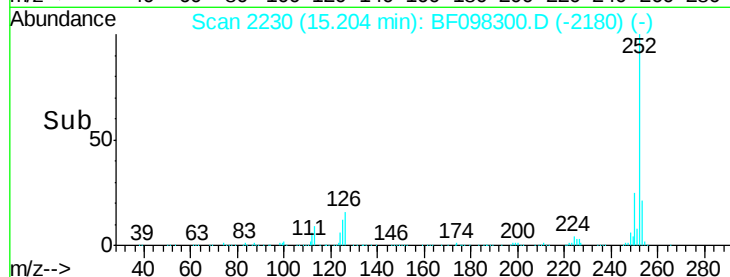
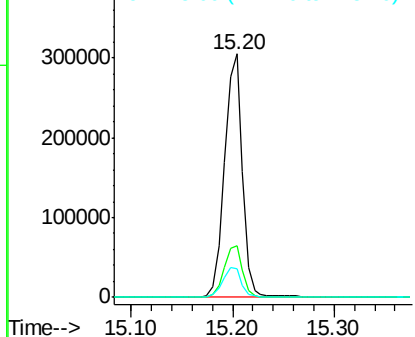
#89
Benzo(a)pyrene
Concen: 43.82 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Instrument :
BNA_F
ClientSampleId :
PB102084BS

Tot Ion:252 Resp: 371685
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 11.7 11.0 16.4

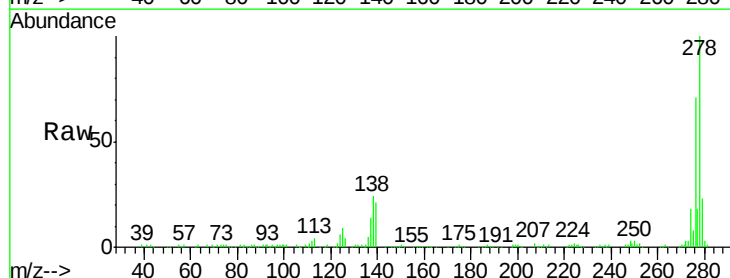


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

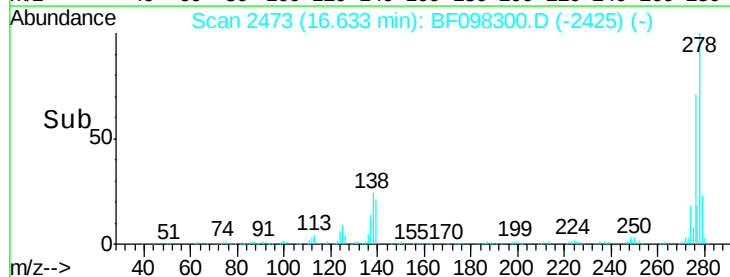
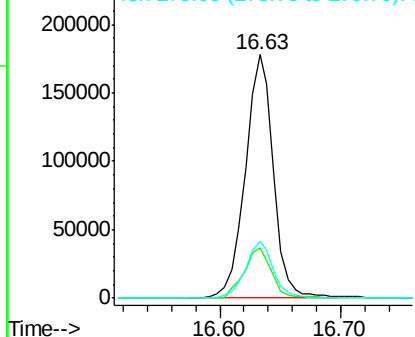


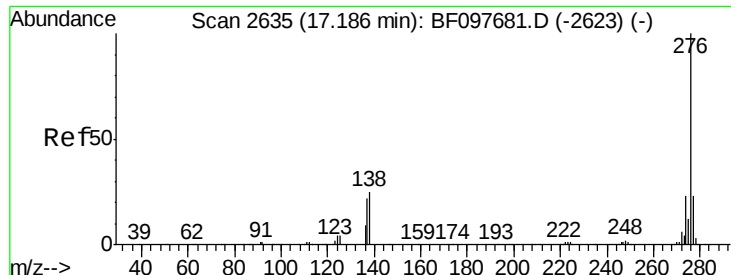
#90
Dibenzo(a,h)anthracene
Concen: 41.58 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion:278 Resp: 287102
Ion Ratio Lower Upper
278 100
139 20.8 16.6 24.8
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.48 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.02 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	25.8	25.4	38.0

