

Data Path : \\74.0.250.170\SV0ASRV\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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	134816	35.137	ng	# 87
3) Pyridine	3.09	79	392637	37.017	ng	85
4) n-Nitrosodimethylamine	3.06	42	144869	35.495	ng	# 68
6) Aniline	6.36	93	327517	24.941	ng	# 46
8) 2-Chlorophenol	6.49	128	303833	41.875	ng	98
9) Benzaldehyde	6.25	77	77340	13.062	ng	90
10) Phenol	6.36	94	430940	39.417	ng	88
11) bis(2-Chloroethyl)ether	6.44	93	338832	41.062	ng	94
12) 1,3-Dichlorobenzene	6.64	146	308863	39.575	ng	97
13) 1,4-Dichlorobenzene	6.72	146	309814	39.031	ng	94
14) 1,2-Dichlorobenzene	6.87	146	284749	38.906	ng	99
15) Benzyl Alcohol	6.85	79	269868	38.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	418339	37.680	ng	85
17) 2-Methylphenol	6.97	107	268162	41.940	ng	# 93
18) Hexachloroethane	7.20	117	95179	30.585	ng	# 79
19) n-Nitroso-di-n-propylamine	7.12	70	232671	36.360	ng	89
20) 3+4-Methylphenols	7.12	107	324182	41.511	ng	# 75
22) Acetophenone	7.11	105	430051	40.729	ng	# 85
24) Nitrobenzene	7.29	77	361971	44.186	ng	94
25) Isophorone	7.52	82	639408	41.795	ng	96
26) 2-Nitrophenol	7.60	139	119690	41.168	ng	# 80
27) 2,4-Dimethylphenol	7.65	122	262676	41.169	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	419140	41.673	ng	98
29) 2,4-Dichlorophenol	7.85	162	218267	41.211	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	232580	39.613	ng	99
31) Naphthalene	8.00	128	825746	39.795	ng	100
32) Benzoic acid	7.77	122	96236	24.344	ng	89
33) 4-Chloroaniline	8.06	127	187473	21.423	ng	98
34) Hexachlorobutadiene	8.12	225	134789	39.319	ng	100
35) Caprolactam	8.43	113	72172	40.083	ng	93
36) 4-Chloro-3-methylphenol	8.55	107	254141	37.347	ng	# 80
37) 2-Methylnaphthalene	8.70	142	511483	40.206	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	204528	43.175	ng	99
40) Hexachlorocyclopentadiene	8.85	237	15912	6.992	ng	98

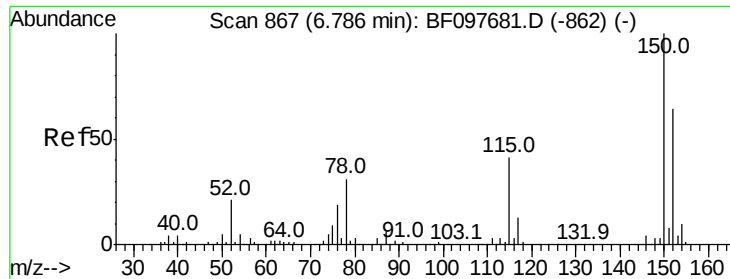
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	133029	41.827	ng	100
43) 2,4,5-Trichlorophenol	9.02	196	134868	42.744	ng	96
45) 1,1'-Biphenyl	9.16	154	591643	42.032	ng	94
46) 2-Chloronaphthalene	9.19	162	421567	40.533	ng	94
47) 2-Nitroaniline	9.29	65	167907	48.157	ng	95
48) Acenaphthylene	9.60	152	663567	40.629	ng	99
49) Dimethylphthalate	9.46	163	528381	46.829	ng	99
50) 2,6-Dinitrotoluene	9.53	165	94998	42.180	ng	# 68
51) Acenaphthene	9.77	154	386274	37.500	ng	100
52) 3-Nitroaniline	9.70	138	115385	39.708	ng	96
53) 2,4-Dinitrophenol	9.81	184	5389	14.534	ng	# 83
54) Dibenzofuran	9.94	168	580796	42.071	ng	98
55) 4-Nitrophenol	9.87	139	141854	61.197	ng	# 53
56) 2,4-Dinitrotoluene	9.93	165	106888	37.817	ng	# 47
57) Fluorene	10.28	166	421576	39.498	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.06	232	99391	40.686	ng	91
59) Diethylphthalate	10.16	149	517509	43.859	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	204780	41.298	ng	87
61) 4-Nitroaniline	10.31	138	120604	43.669	ng	82
62) Azobenzene	10.43	77	544813	38.871	ng	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	5449	12.147	ng	95
65) n-Nitrosodiphenylamine	10.40	169	384810	45.231	ng	98
66) 4-Bromophenyl-phenylether	10.76	248	117503	45.291	ng	95
67) Hexachlorobenzene	10.83	284	111081	42.007	ng	# 85
68) Atrazine	10.93	200	106317	47.122	ng	99
69) Pentachlorophenol	11.03	266	92401	59.930	ng	98
70) Phenanthrene	11.24	178	559486	42.025	ng	99
71) Anthracene	11.29	178	580122	42.962	ng	98
72) Carbazole	11.45	167	543693	42.419	ng	98
73) Di-n-butylphthalate	11.78	149	711691	48.206	ng	99
74) Fluoranthene	12.43	202	597264	42.982	ng	98
76) Benzidine	12.56	184	513405	73.674	ng	# 92
77) Pyrene	12.66	202	628143	36.135	ng	98
79) Butylbenzylphthalate	13.27	149	292185	43.840	ng	# 72
80) Benzo(a)anthracene	13.84	228	513674	40.325	ng	98
81) 3,3'-Dichlorobenzidine	13.80	252	201504	46.879	ng	# 97
82) Chrysene	13.88	228	496173	39.156	ng	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	387248	52.435	ng	# 100
84) Di-n-octyl phthalate	14.44	149	726900	56.568	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	341743	36.661	ng	96
87) Benzo(b)fluoranthene	14.86	252	417826	43.611	ng	97
88) Benzo(k)fluoranthene	14.89	252	390305	43.361	ng	# 95
89) Benzo(a)pyrene	15.20	252	371685	43.822	ng	97
90) Dibenzo(a,h)anthracene	16.63	278	287102	41.578	ng	99
91) Benzo(g,h,i)perylene	17.03	276	284449	39.480	ng	93

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

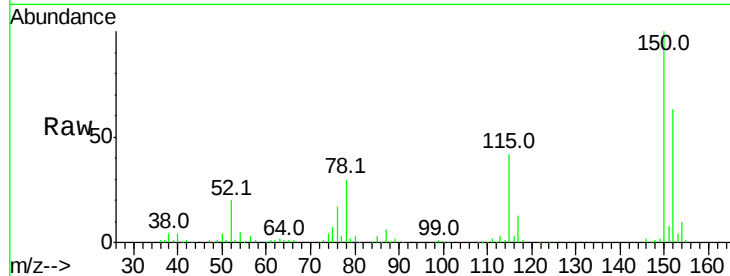


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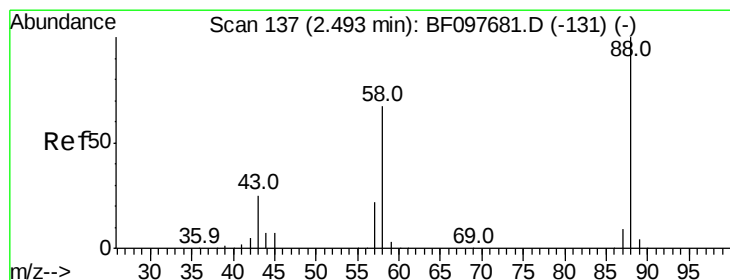
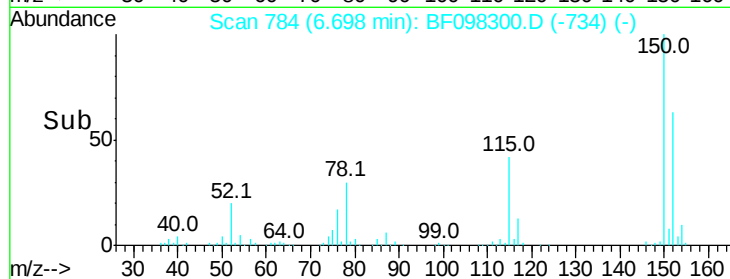
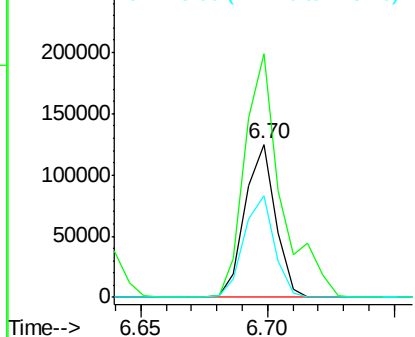
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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



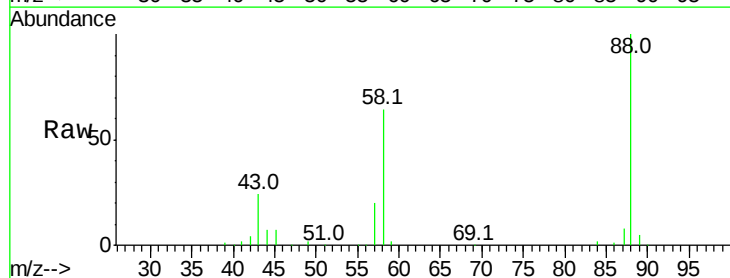
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



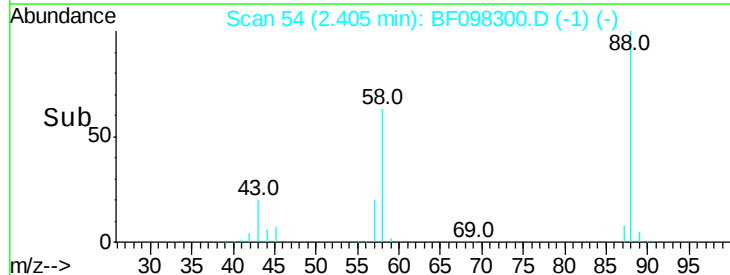
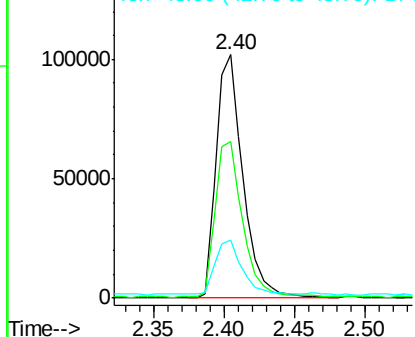
#2

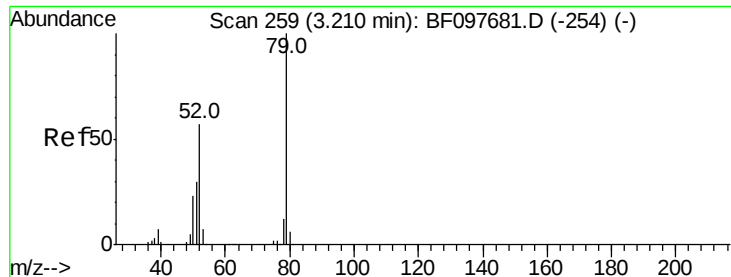
1,4-Dioxane
 Concen: 35.137 ng
 RT: 2.40 min Scan# 54
 Delta R.T. 0.08 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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: 37.017 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

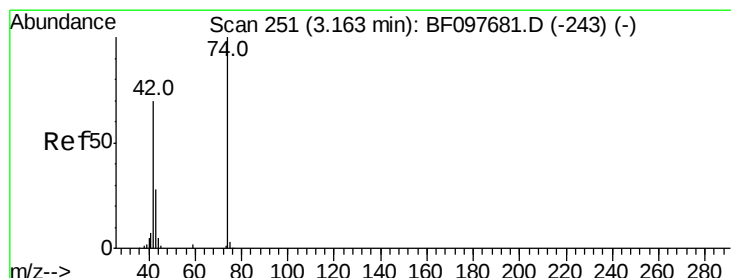
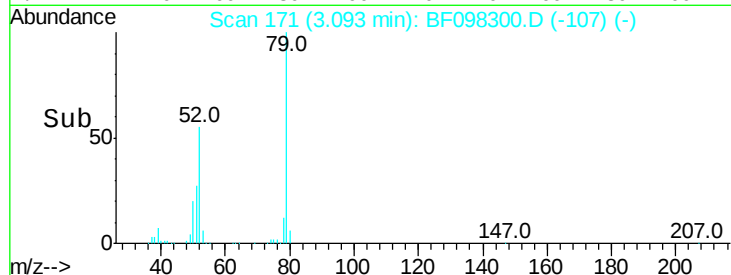
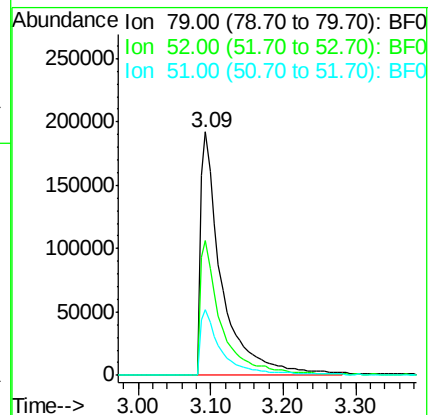
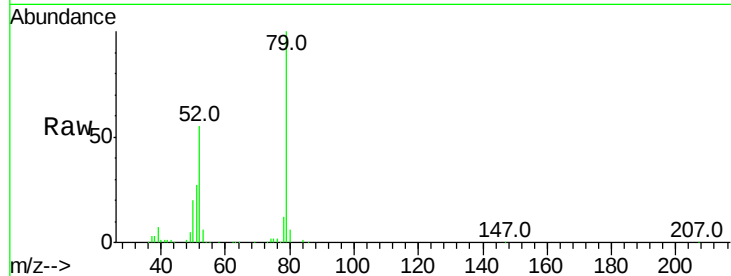
Tot Ion: 79 Resp: 392637

Ion Ratio Lower Upper

79 100

52 55.3 54.8 82.2

51 27.0 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 35.495 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.07 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

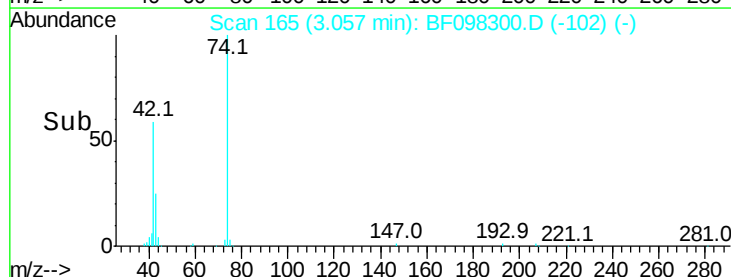
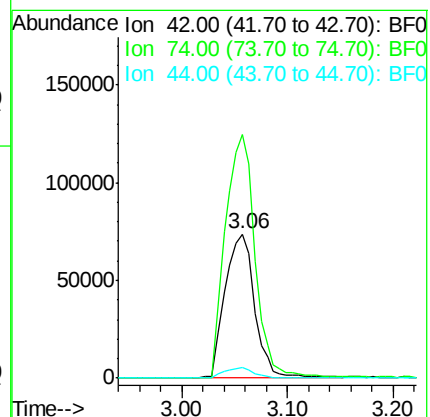
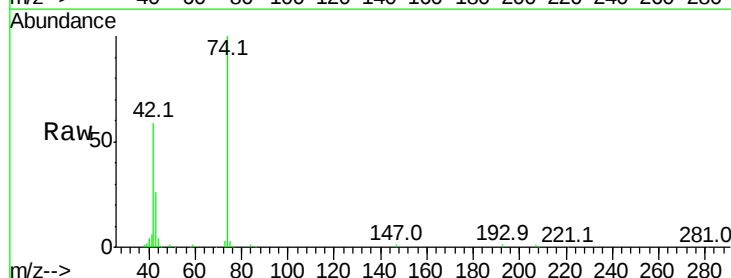
Tgt Ion: 42 Resp: 144869

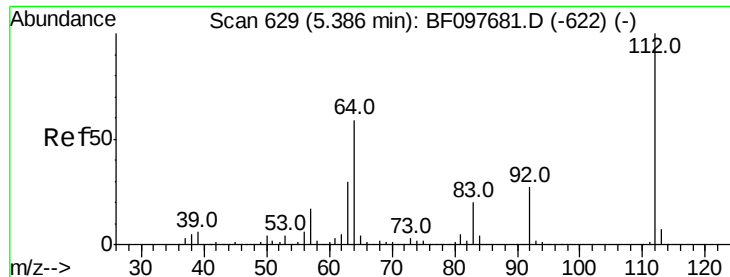
Ion Ratio Lower Upper

42 100

74 168.6 103.9 155.9#

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 84.257 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

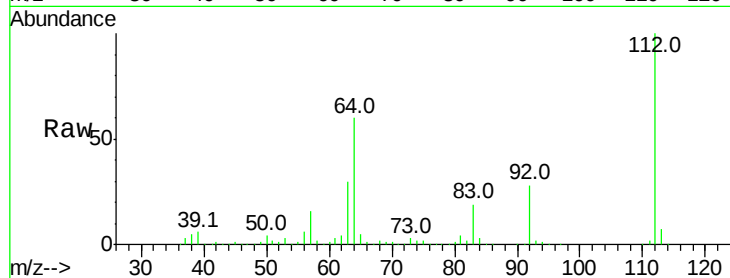
Tot Ion:112 Resp: 579684

Ion Ratio Lower Upper

112 100

64 59.6 46.0 69.0

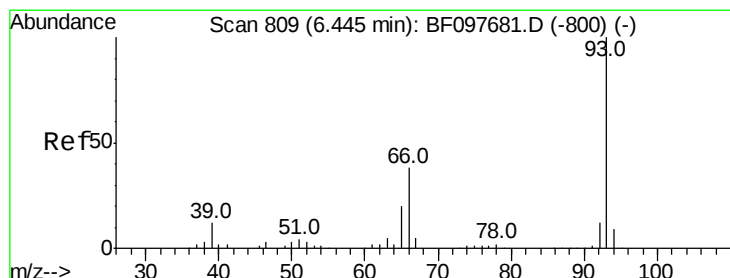
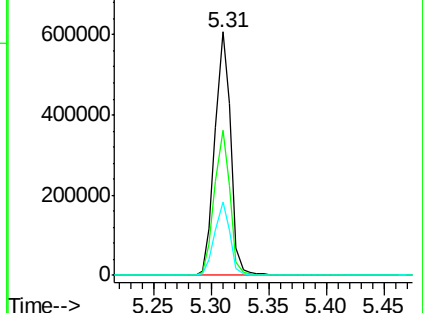
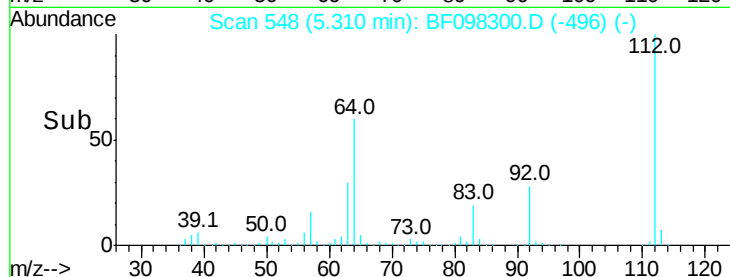
63 30.0 23.4 35.0



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: 24.941 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

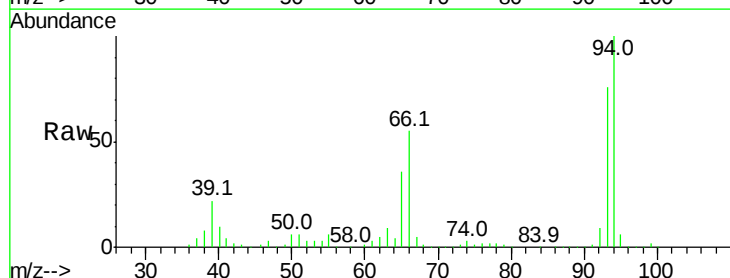
Tgt Ion: 93 Resp: 327517

Ion Ratio Lower Upper

93 100

66 72.8 32.9 49.3#

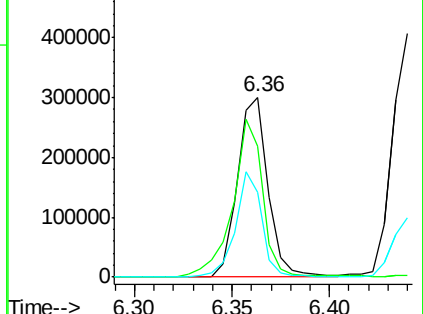
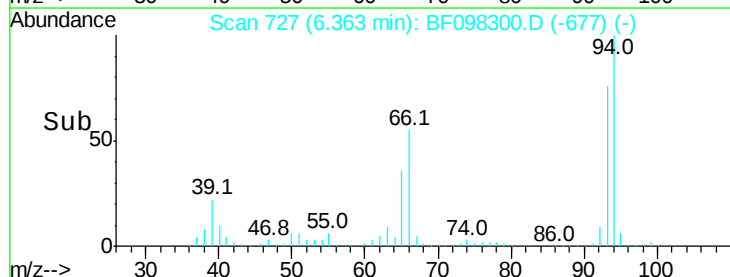
65 47.3 16.0 24.0#

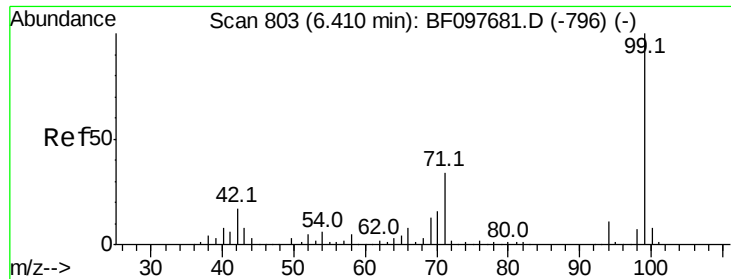


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.479 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102084BS

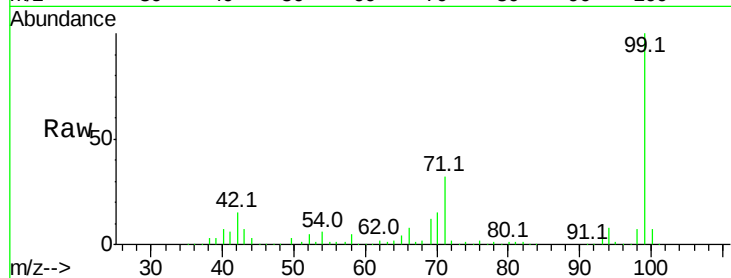
Tot Ion: 99 Resp: 771005

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

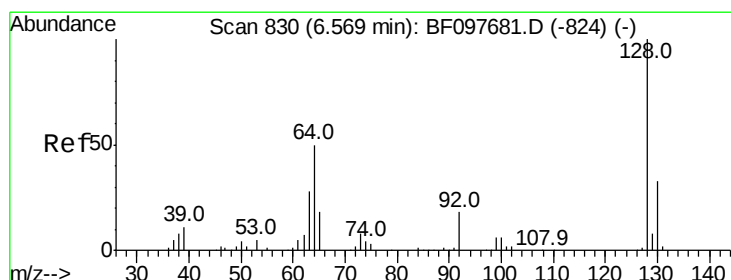
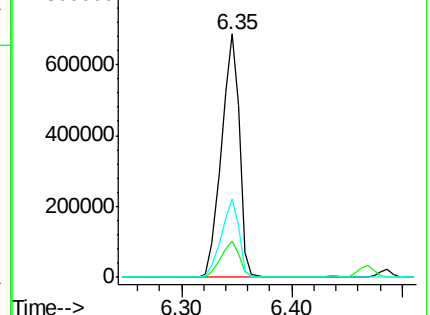
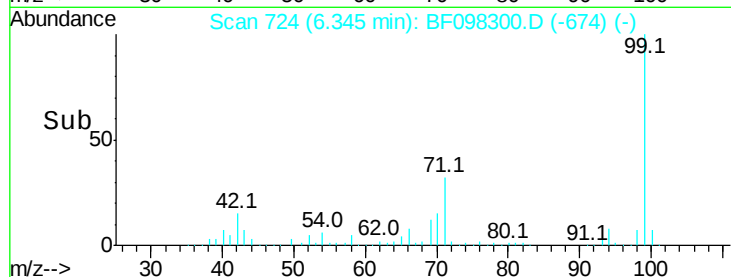
71 32.3 24.5 36.7



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: 41.875 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

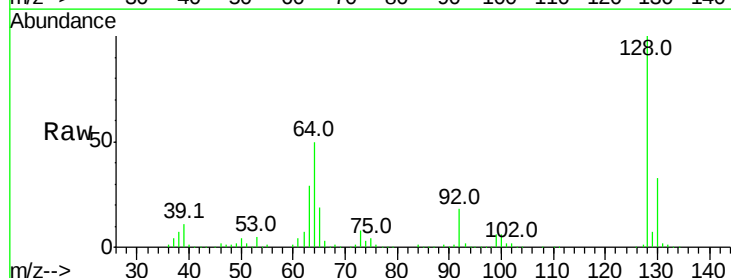
Tgt Ion: 128 Resp: 303833

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

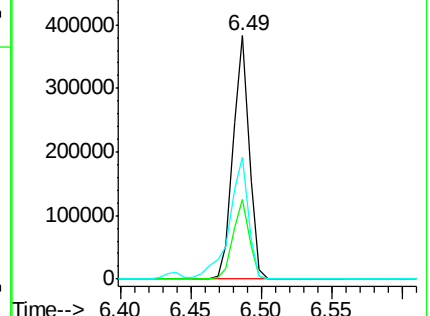
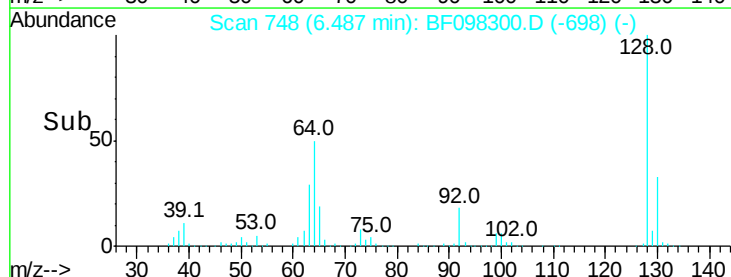
64 50.0 28.4 68.4

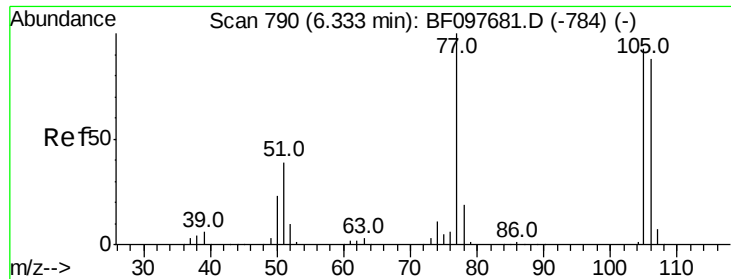


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.062 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

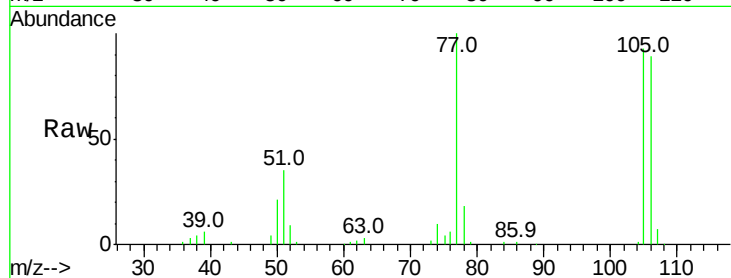
Tot Ion: 77 Resp: 77340

Ion Ratio Lower Upper

77 100

105 92.7 83.8 123.8

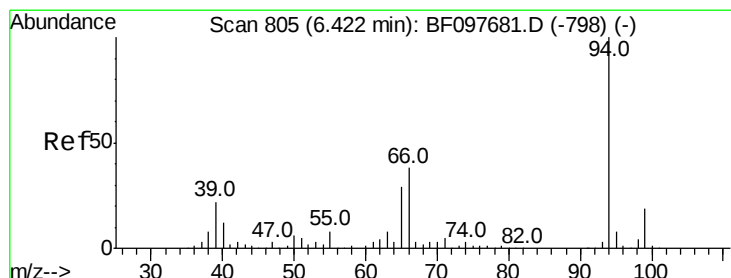
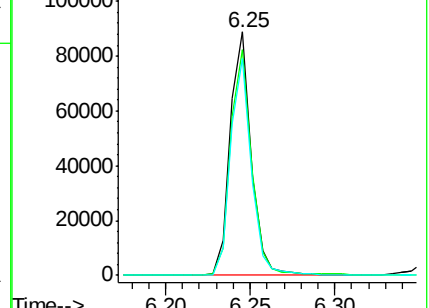
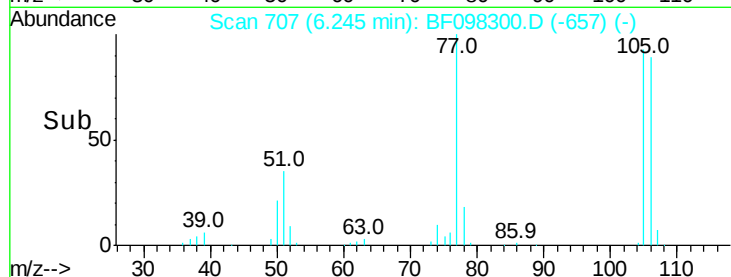
106 89.2 79.1 119.1



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: 39.417 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

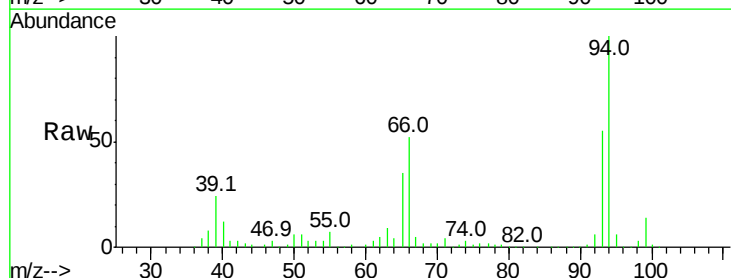
Tgt Ion: 94 Resp: 430940

Ion Ratio Lower Upper

94 100

65 34.7 9.9 49.9

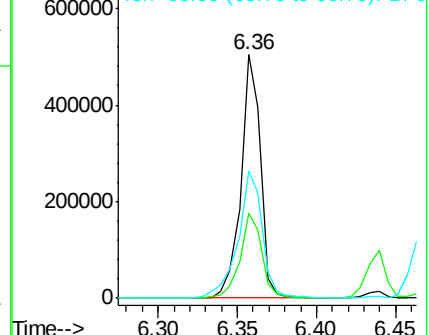
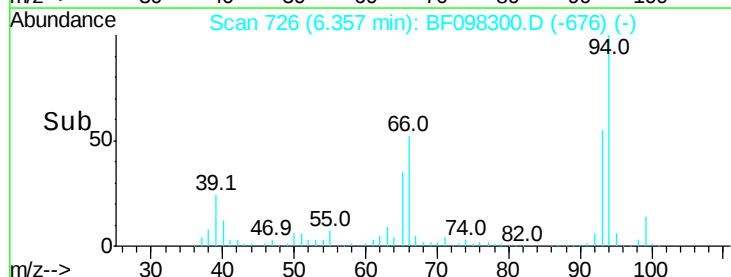
66 52.5 23.1 63.1

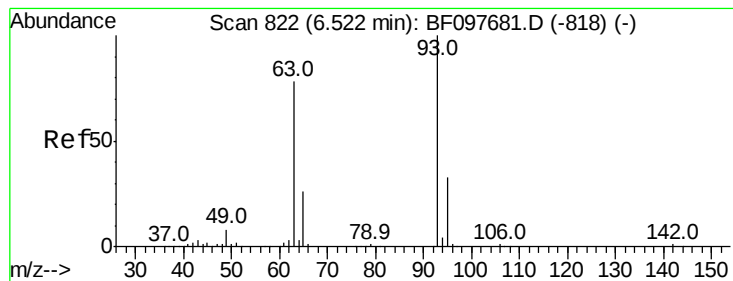


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.062 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

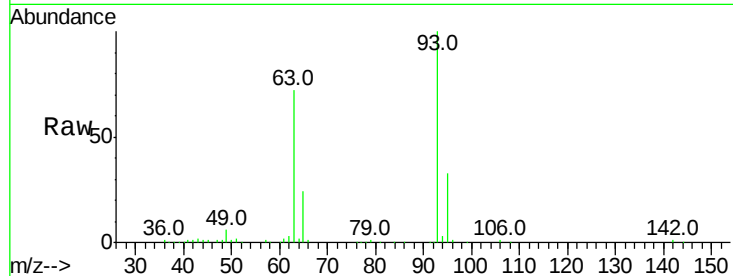
Tot Ion: 93 Resp: 338832

Ion Ratio Lower Upper

93 100

63 72.4 59.2 99.2

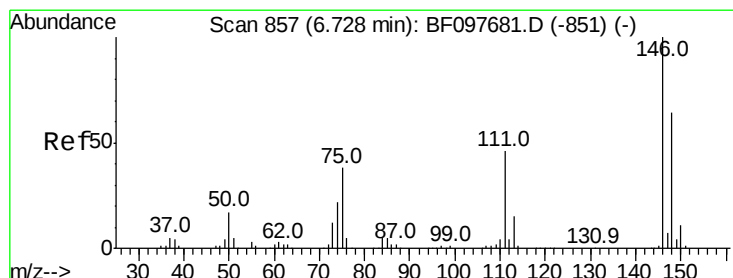
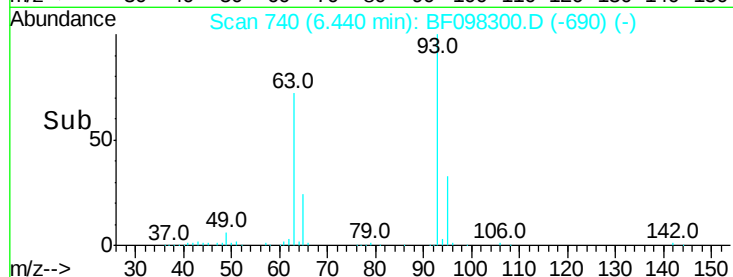
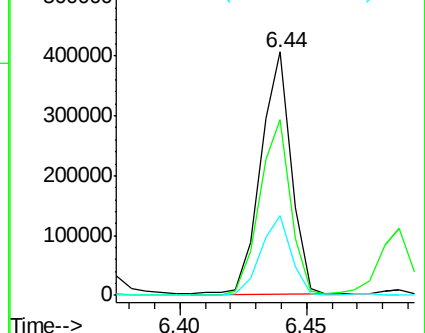
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.575 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

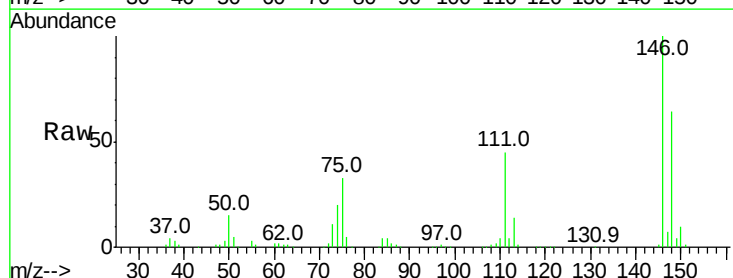
Tgt Ion: 146 Resp: 308863

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

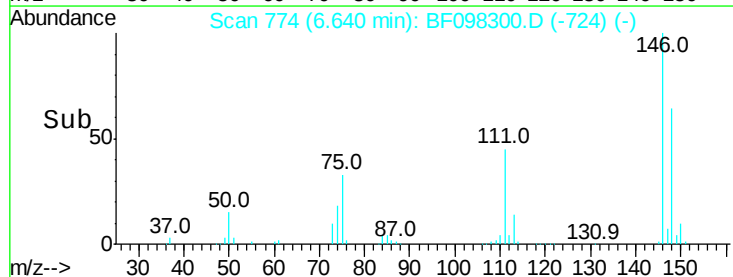
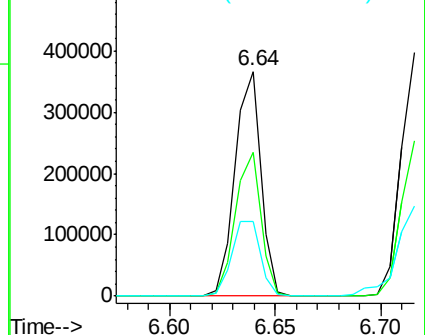
75 33.3 23.1 34.7

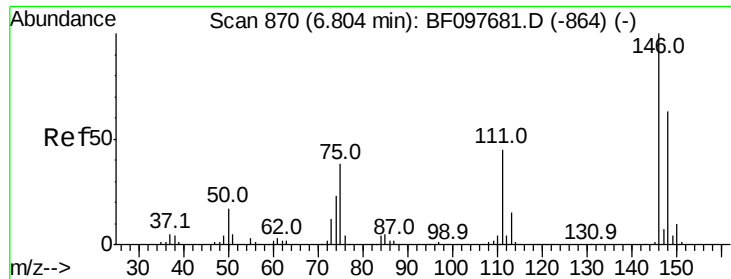


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.031 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

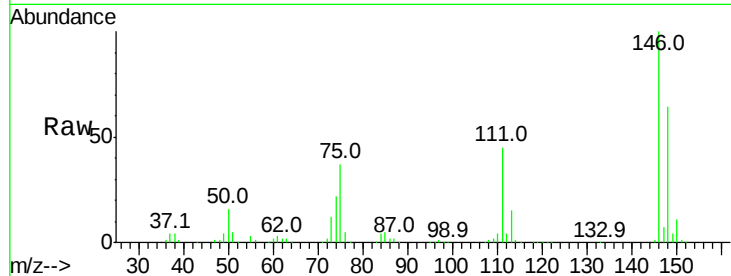
Tot Ion:146 Resp: 309814

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

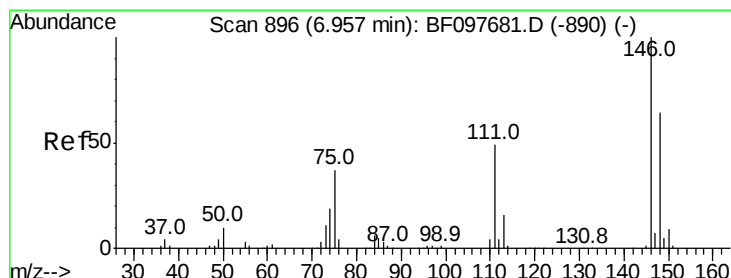
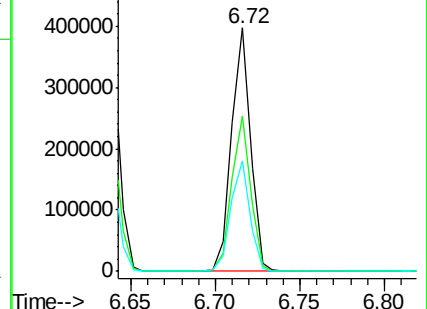
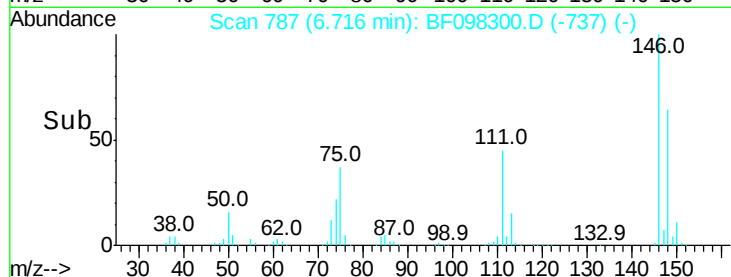
111 45.2 30.3 45.5



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: 38.906 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

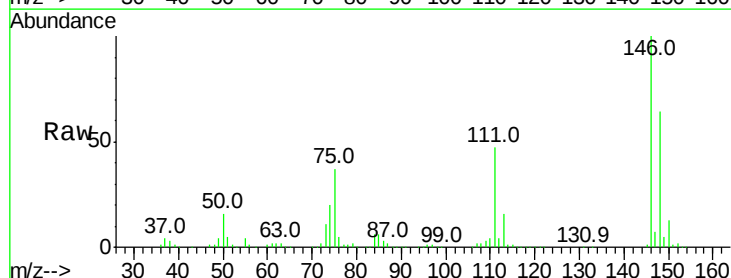
Tgt Ion:146 Resp: 284749

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

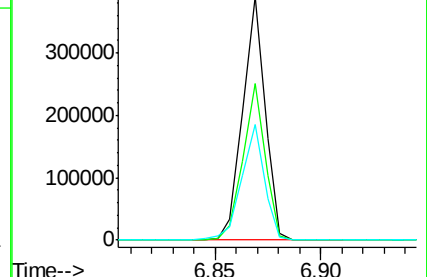
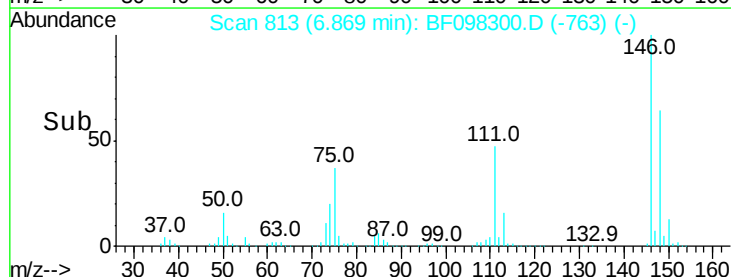
111 47.5 38.2 57.4

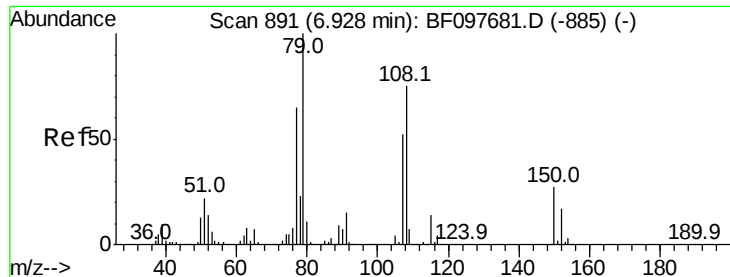


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.560 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

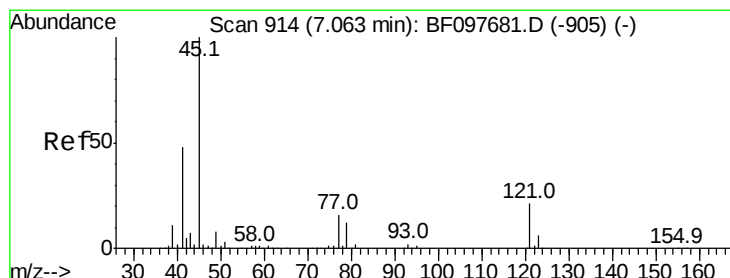
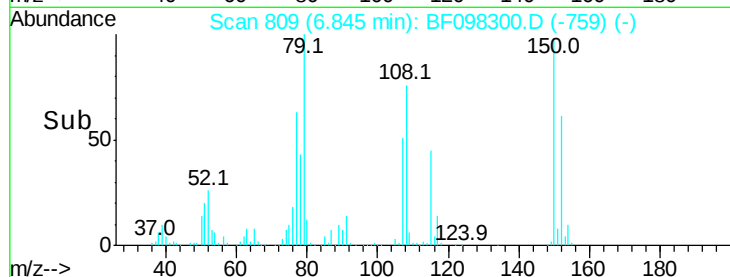
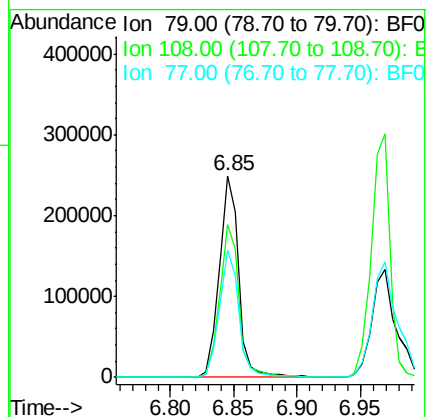
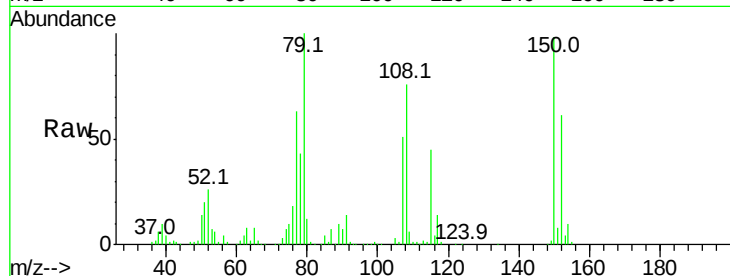
Tot Ion: 79 Resp: 269868

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: 37.680 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

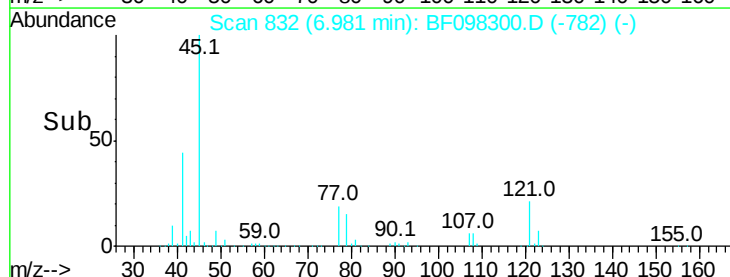
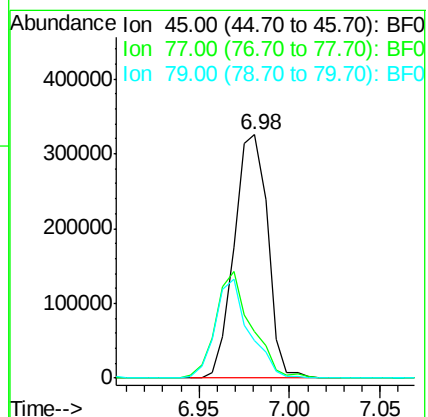
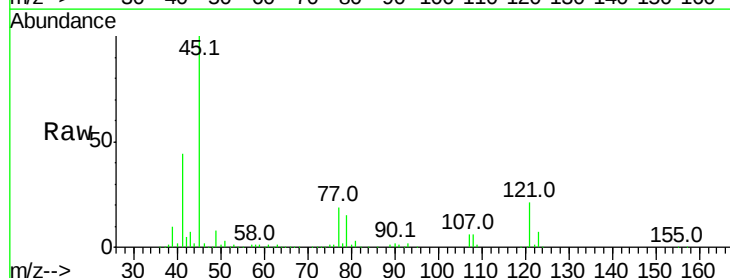
Tgt Ion: 45 Resp: 418339

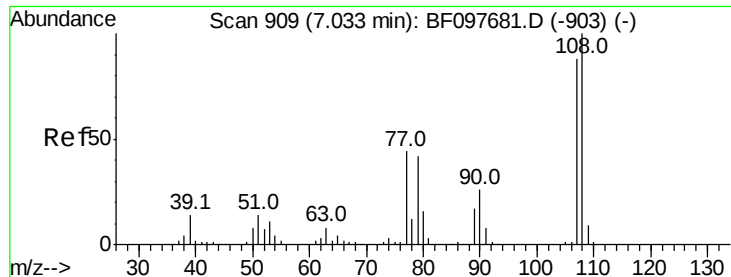
Ion Ratio Lower Upper

45 100

77 19.2 0.0 33.2

79 15.4 0.0 30.0





#17

2-Methylphenol

Concen: 41.940 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

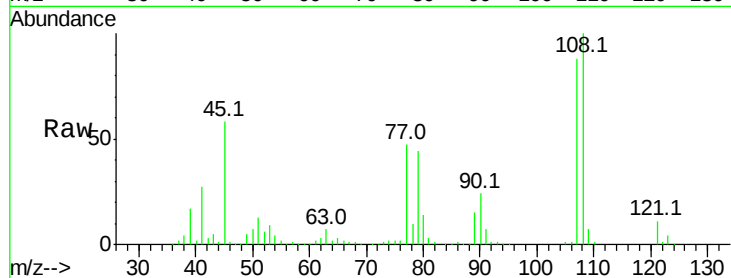
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 53.8 35.8 53.6#

79 50.4 34.8 52.2

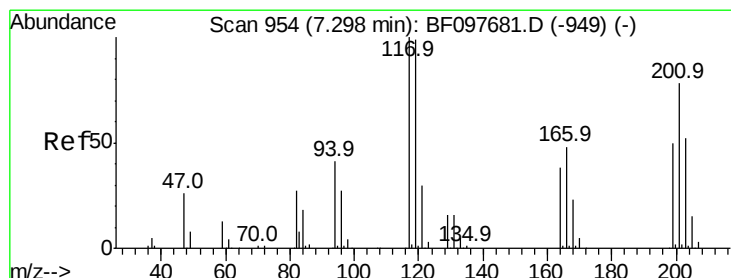
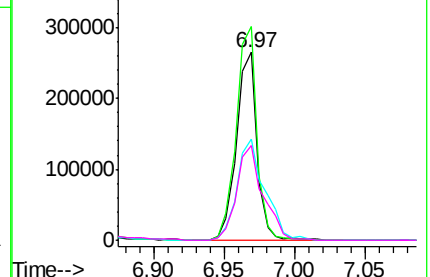
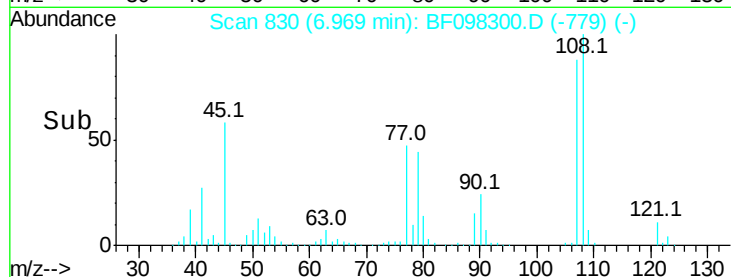


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.585 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

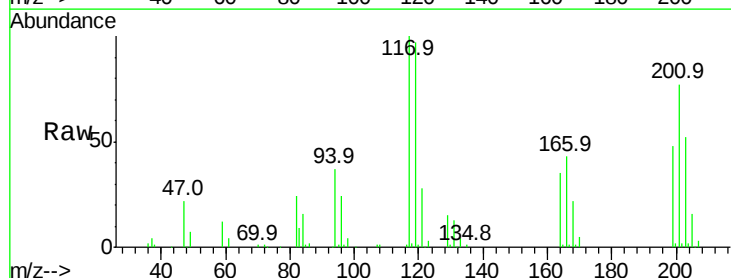
Tgt Ion:117 Resp: 95179

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

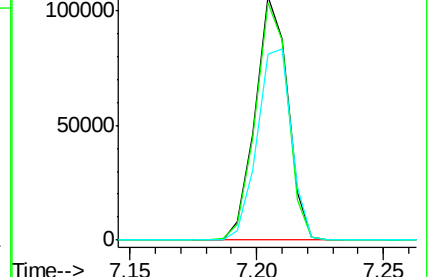
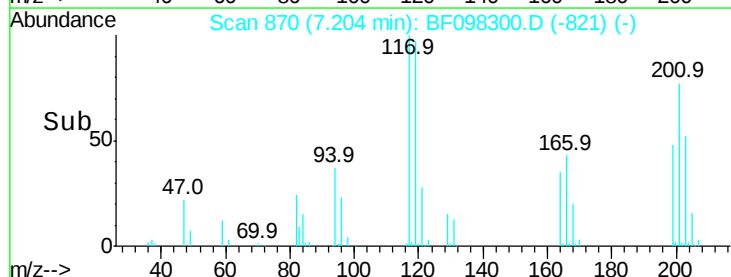
201 76.5 94.6 141.8#

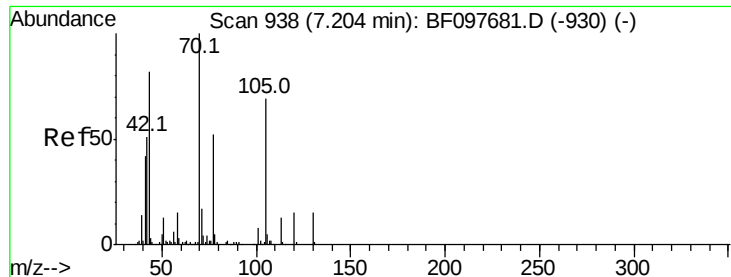


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

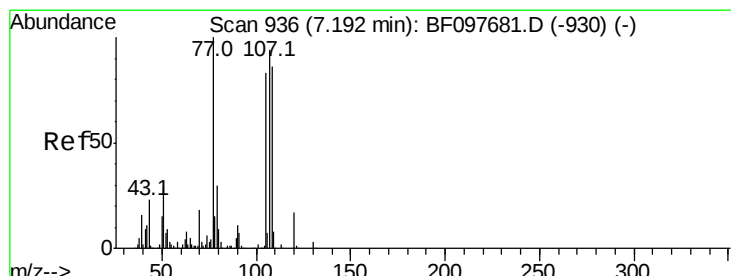
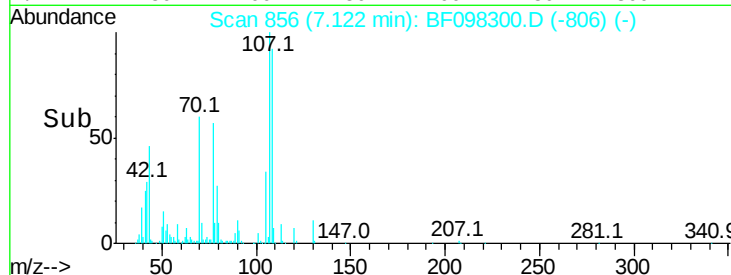
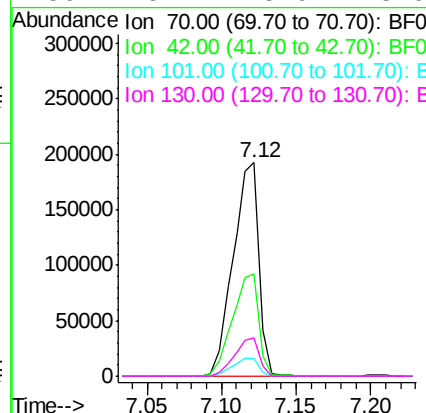
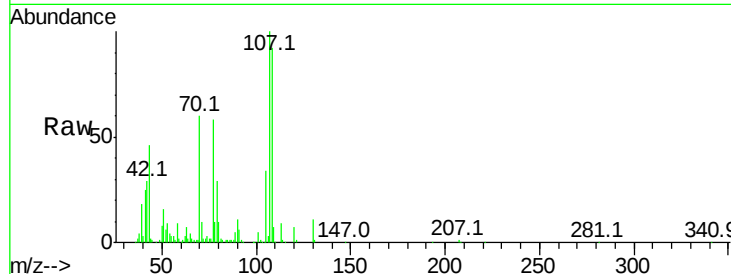




#19
n-Nitroso-di-n-propylamine
Concen: 36.360 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

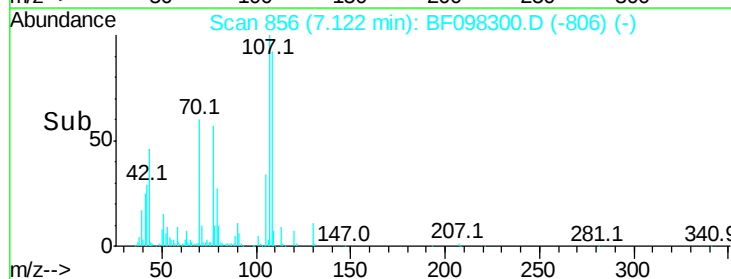
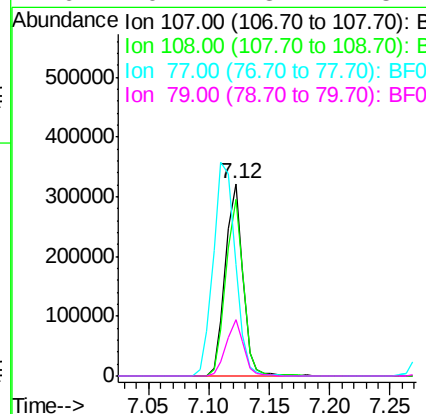
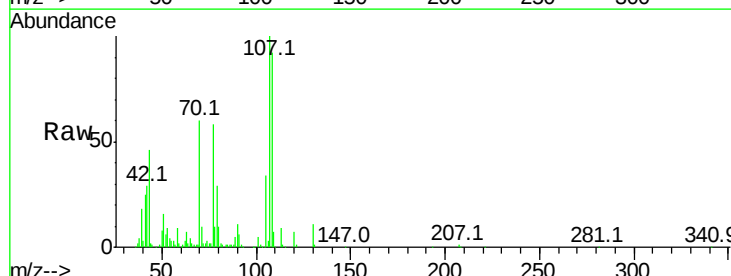
Instrument :
BNA_F
ClientSampleId :
PB102084BS

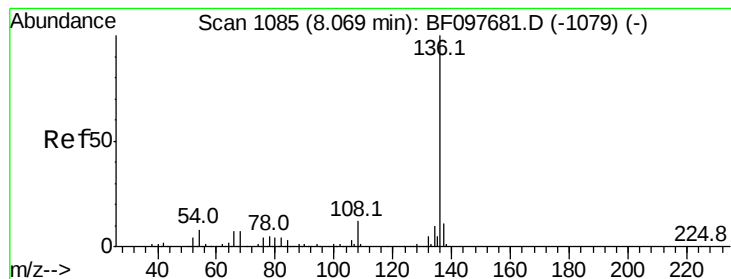
Tot Ion: 70 Resp: 232671
Ion Ratio Lower Upper
70 100
42 47.9 47.2 70.8
101 8.7 7.2 10.8
130 18.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.511 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: 20.000 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

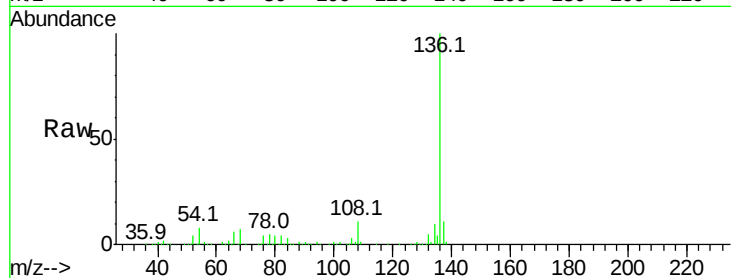
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.6 4.9 7.3#

68 7.1 4.1 6.1#

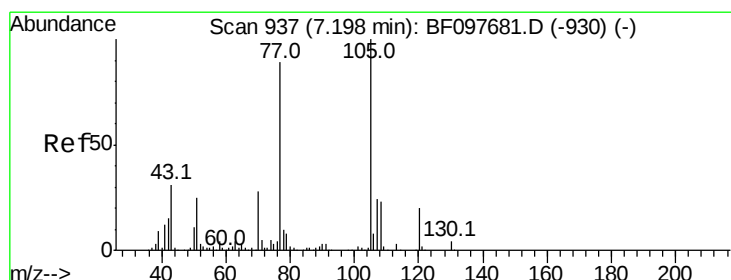
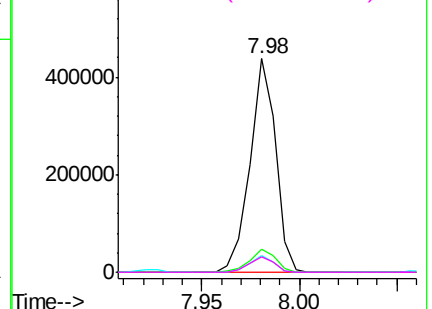
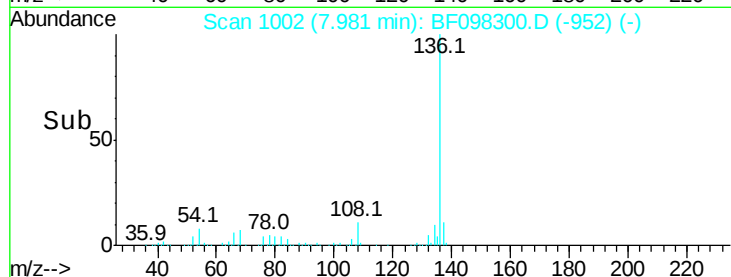


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.729 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

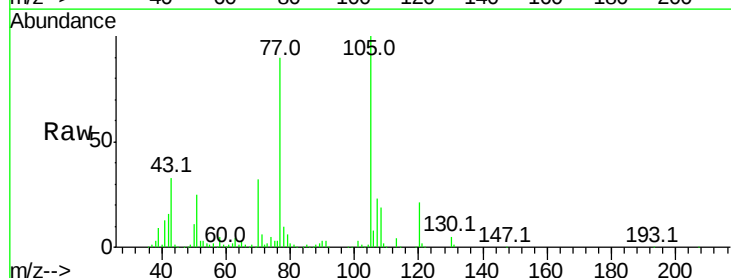
Ion Ratio Lower Upper

105 100

71 5.5 2.8 4.2#

51 24.6 30.7 46.1#

120 21.1 17.4 26.0

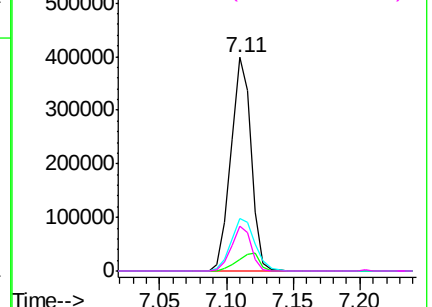
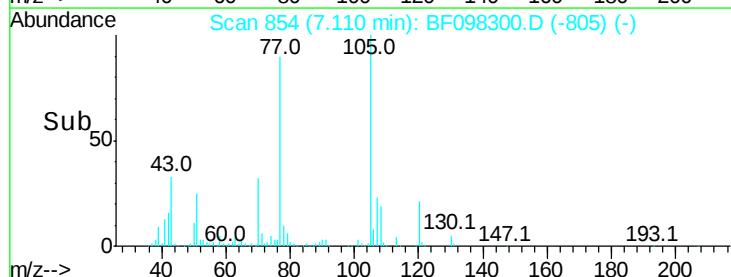


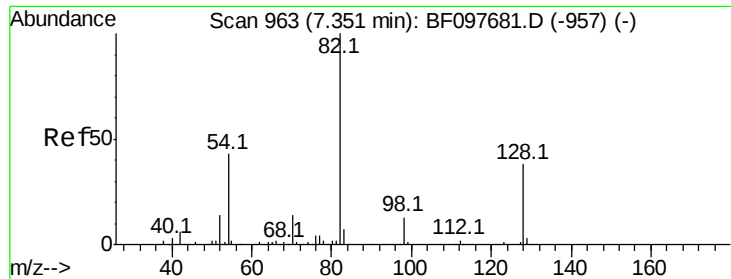
Abundance Ion 105.00 (104.70 to 105.70): E

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

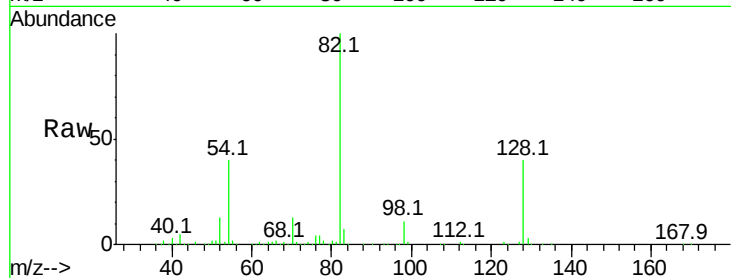




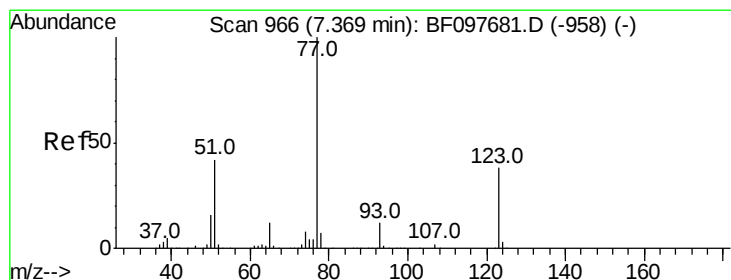
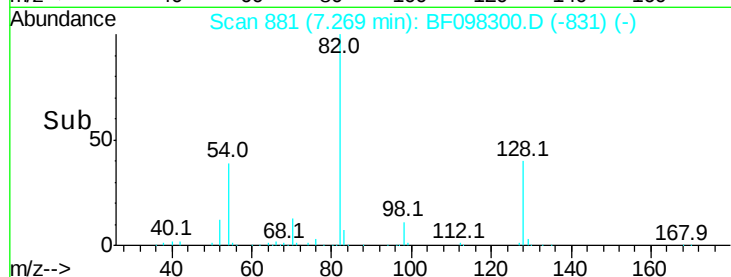
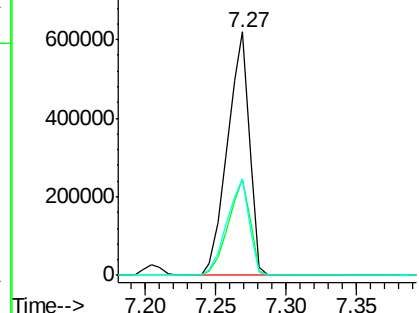
#23
Nitrobenzene-d5
Concen: 90.946 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Instrument :
BNA_F
ClientSampleId :
PB102084BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.0	51.0
54	39.5	42.2	63.2#

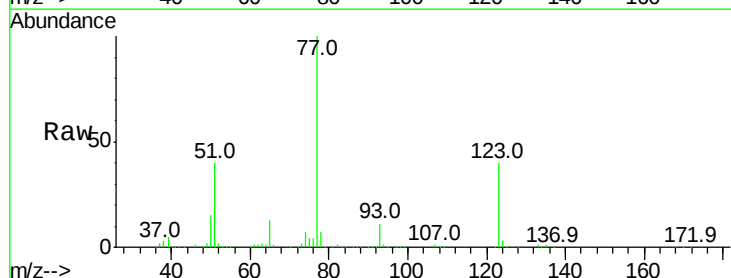


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

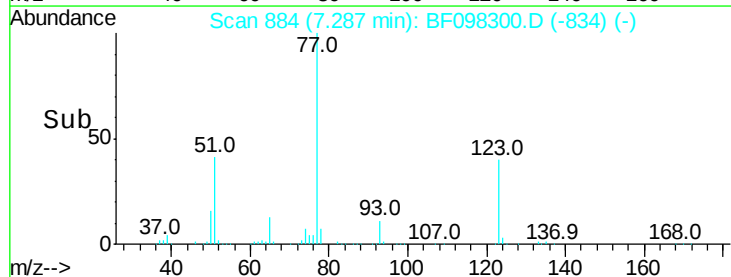
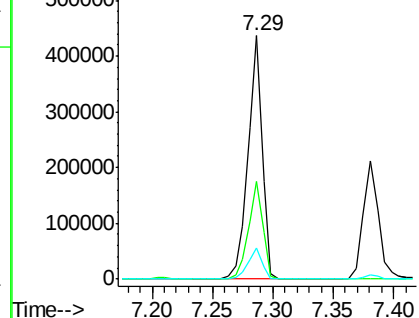


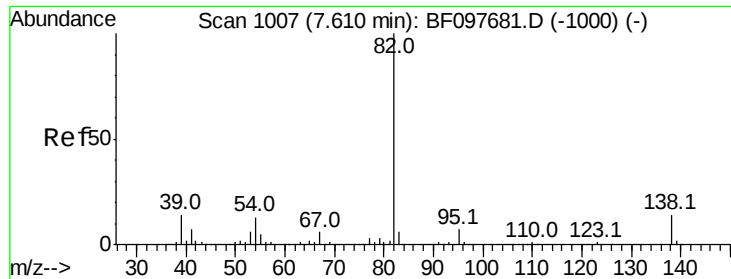
#24
Nitrobenzene
Concen: 44.186 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

Tgt Ion	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: 41.795 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

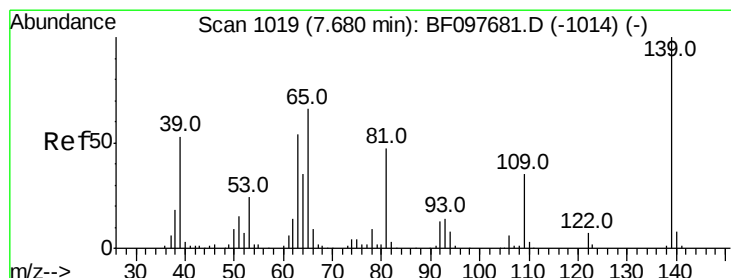
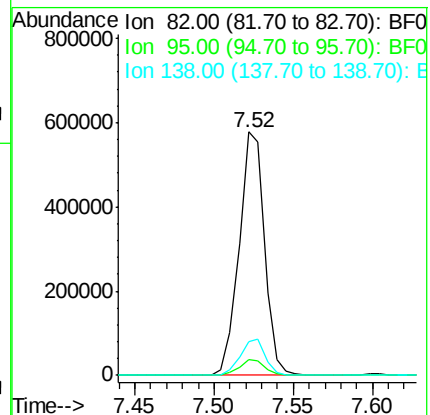
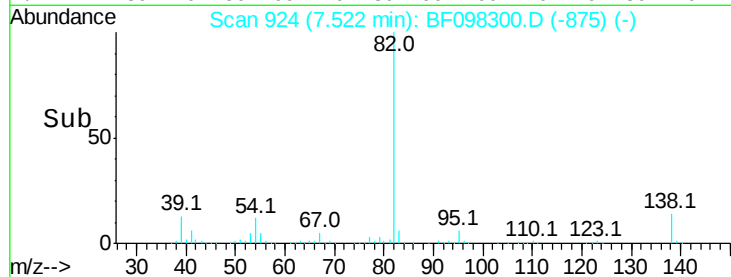
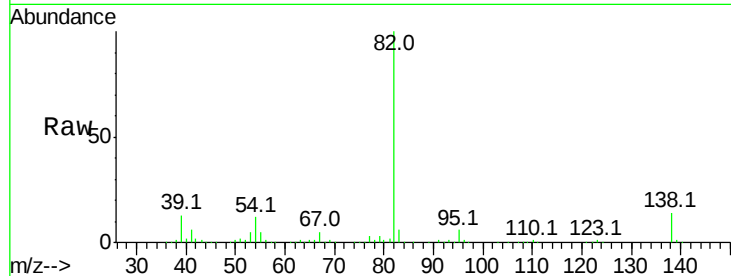
Tot Ion: 82 Resp: 639408

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 13.9 13.1 19.7



#26

2-Nitrophenol

Concen: 41.168 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

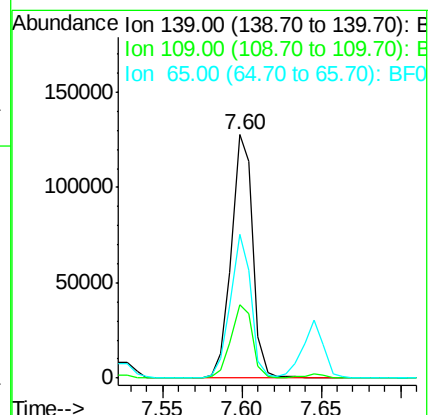
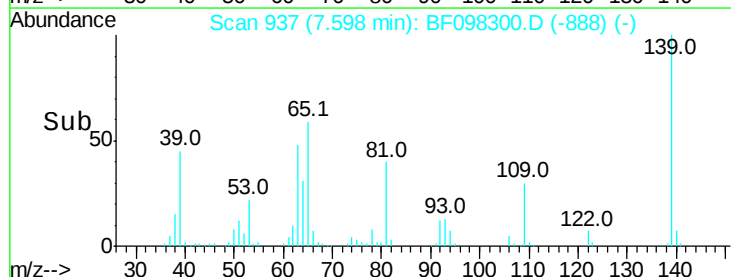
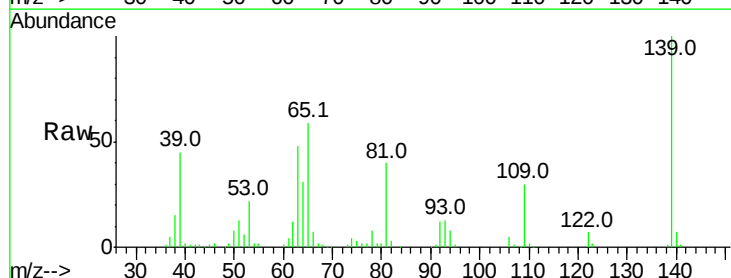
Tgt Ion:139 Resp: 119690

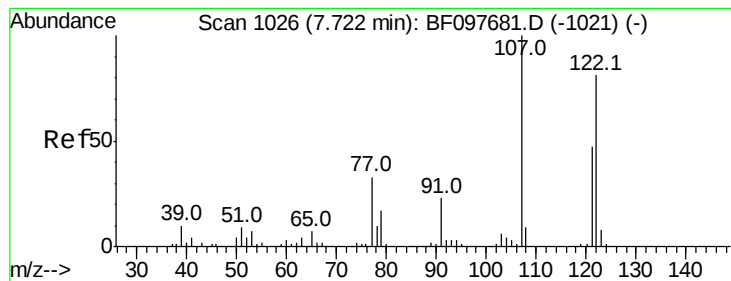
Ion Ratio Lower Upper

139 100

109 30.4 21.0 31.6

65 58.9 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 41.169 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

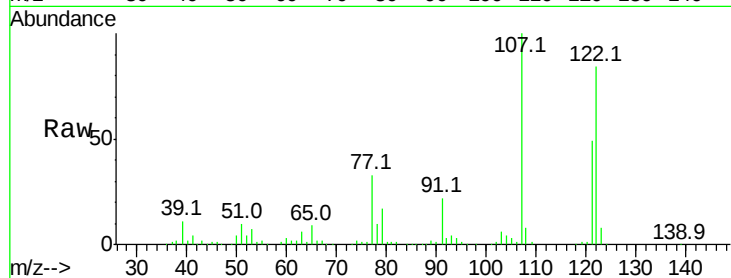
Tot Ion:122 Resp: 262676

Ion Ratio Lower Upper

122 100

107 119.1 89.2 133.8

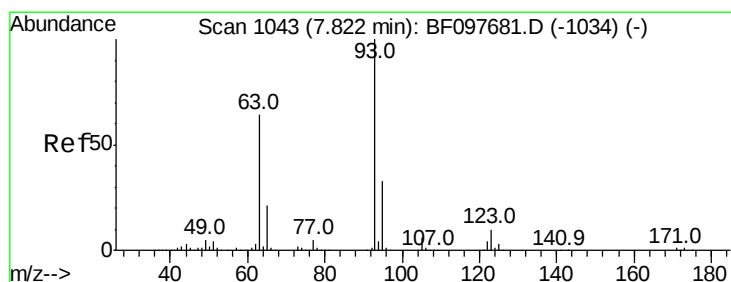
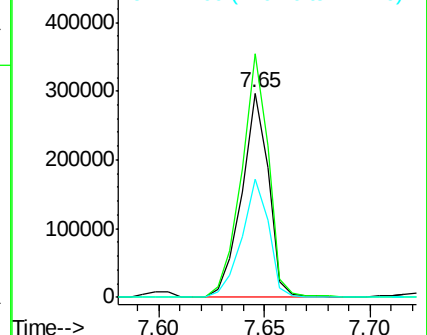
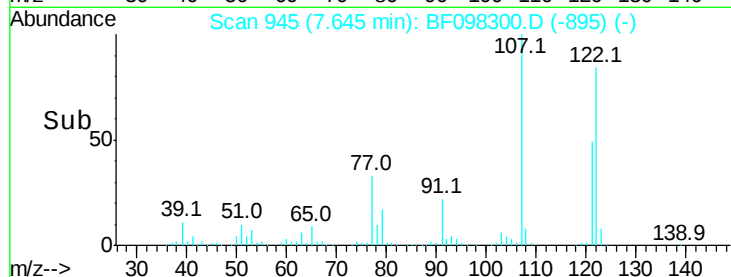
121 58.1 45.2 67.8



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: 41.673 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

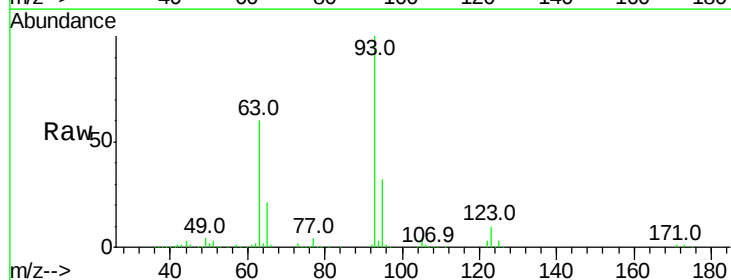
Tgt Ion: 93 Resp: 419140

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

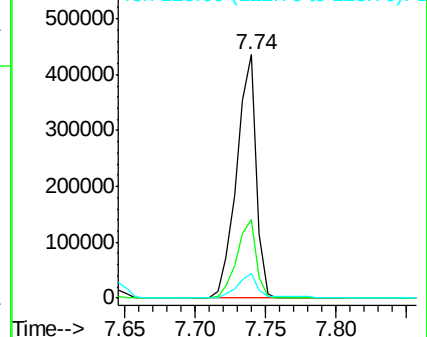
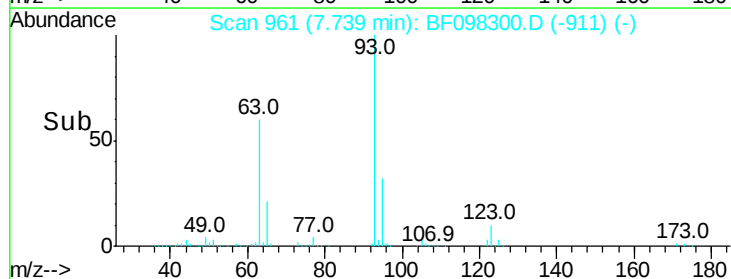
123 10.1 9.0 13.4

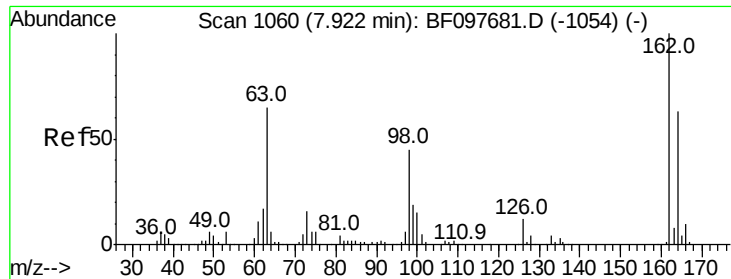


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

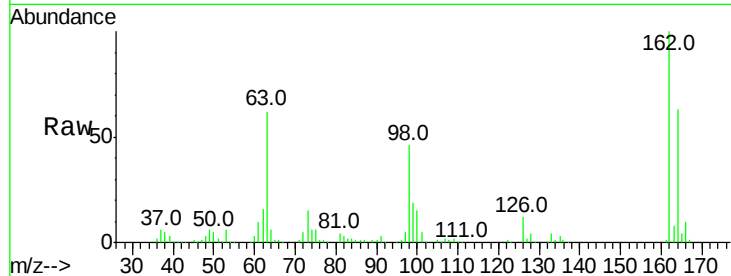




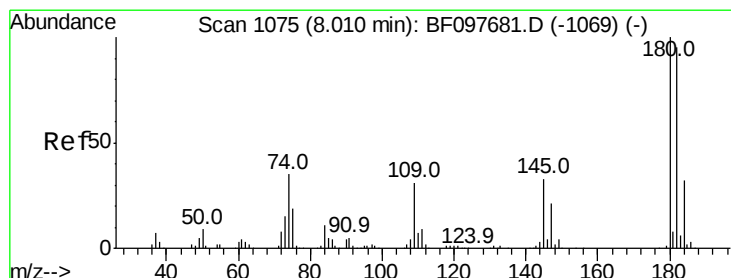
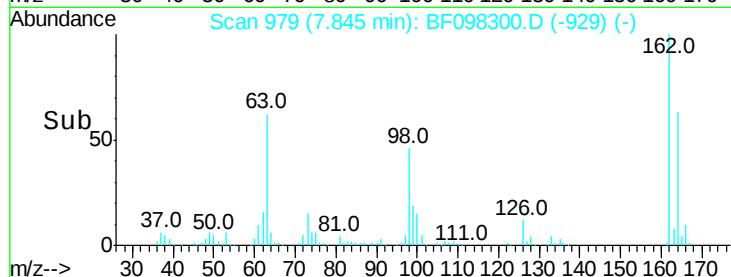
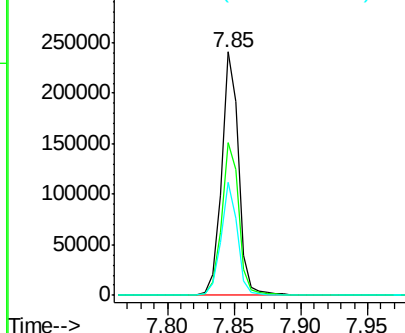
#29
 2,4-Dichlorophenol
 Concen: 41.211 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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

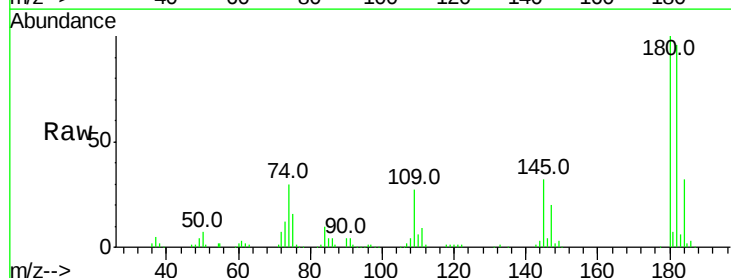


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

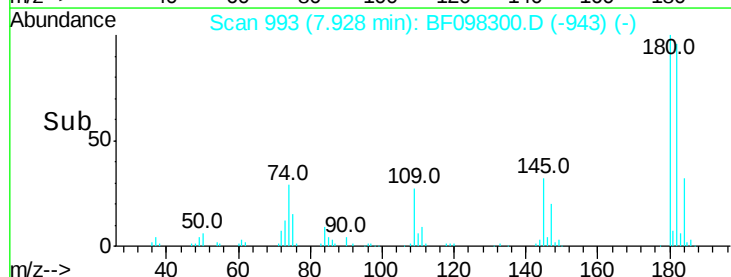
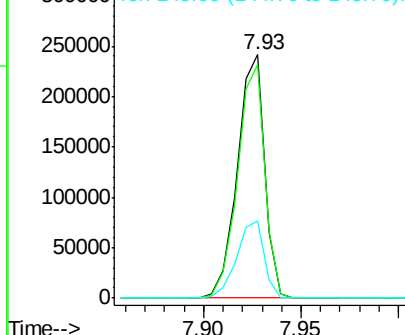


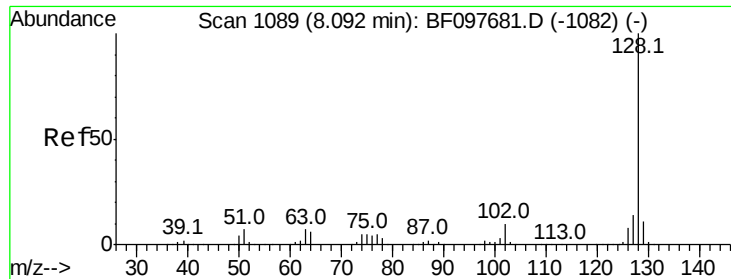
#30
 1,2,4-Trichlorobenzene
 Concen: 39.613 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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



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

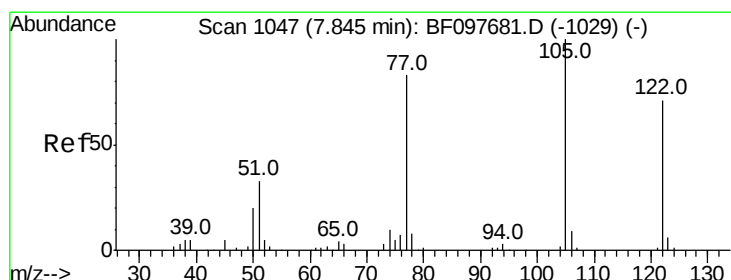
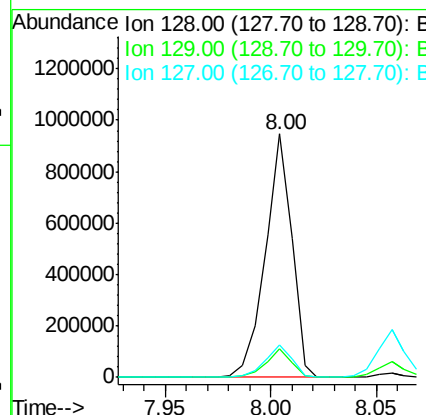
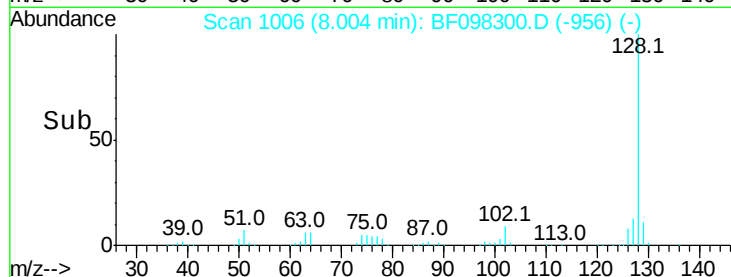
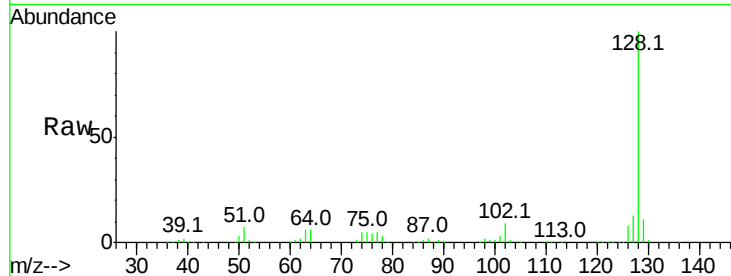




#31
Naphthalene
Concen: 39.795 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

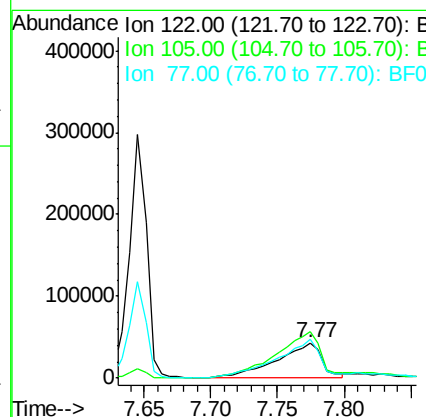
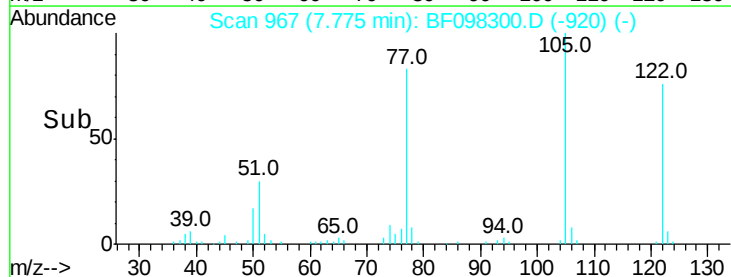
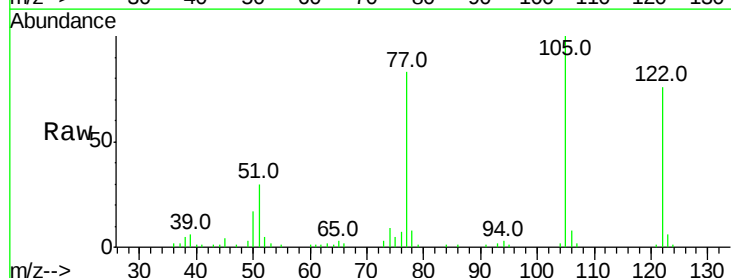
Instrument :
BNA_F
ClientSampleId :
PB102084BS

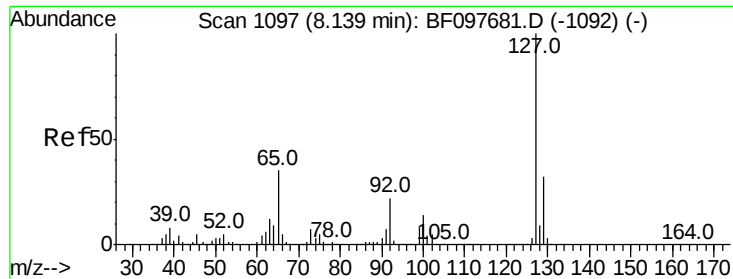
Tot Ion:128 Resp: 825746
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 24.344 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

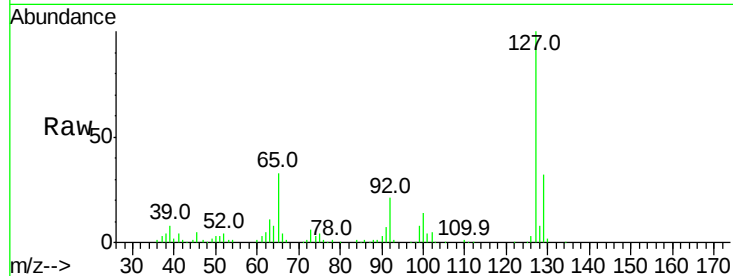




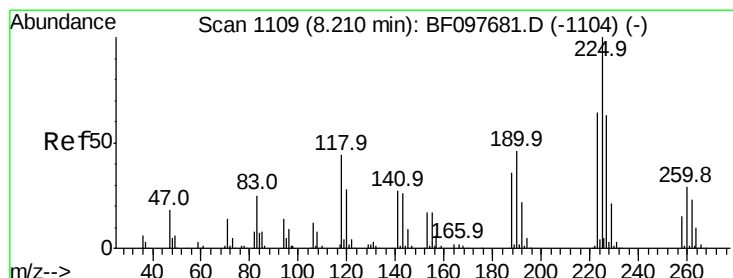
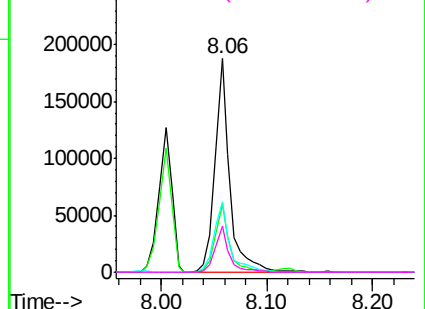
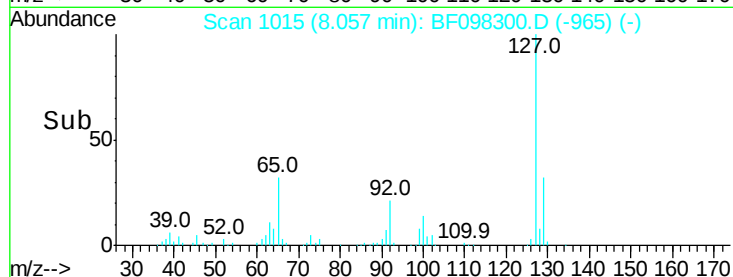
#33
4-Chloroaniline
Concen: 21.423 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

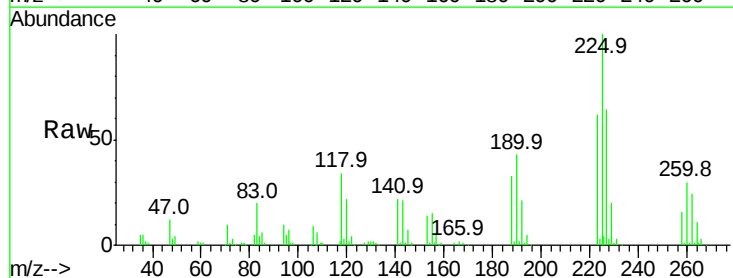


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

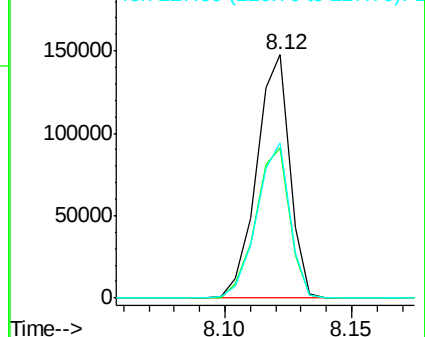
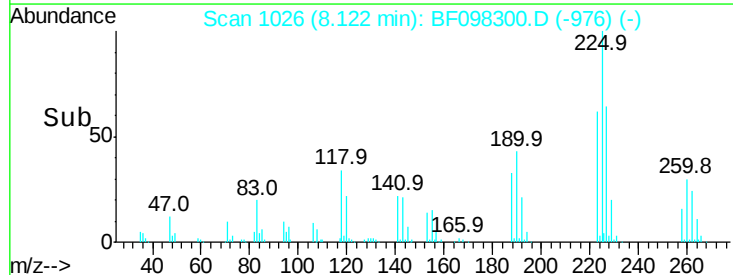


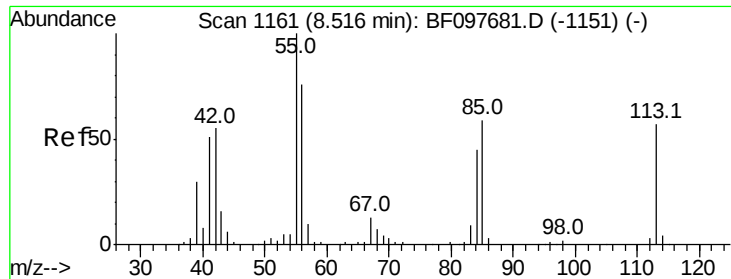
#34
Hexachlorobutadiene
Concen: 39.319 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

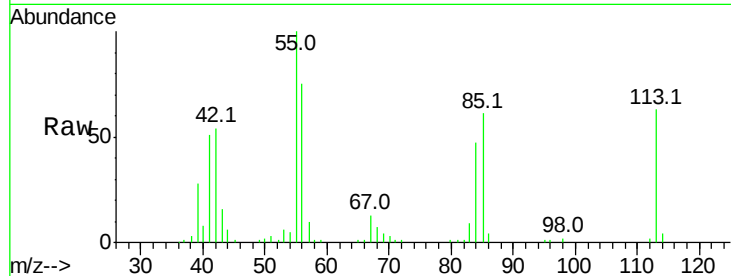




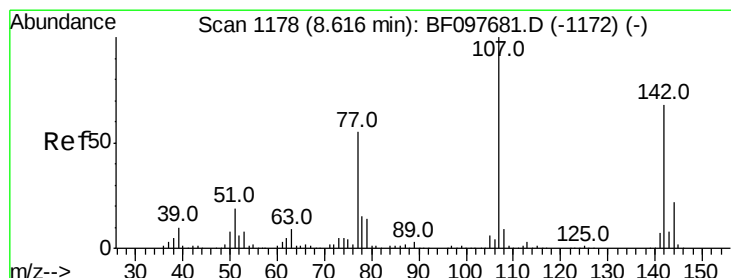
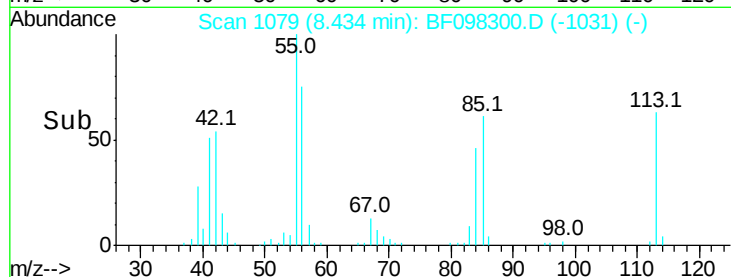
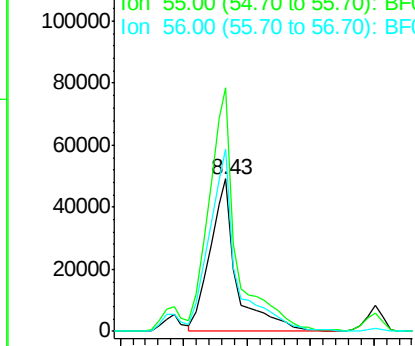
#35
Caprolactam
Concen: 40.083 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

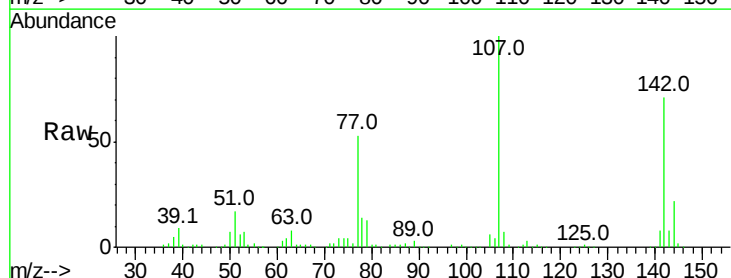


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

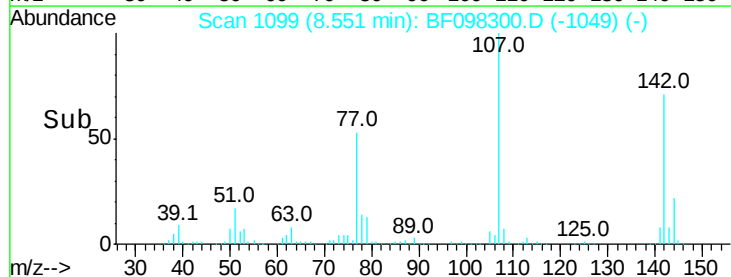
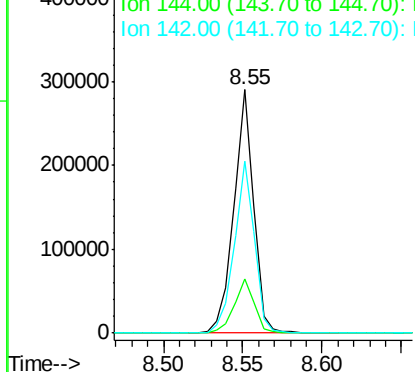


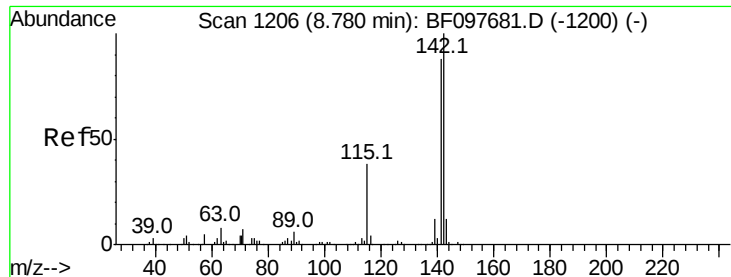
#36
4-Chloro-3-methylphenol
Concen: 37.347 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

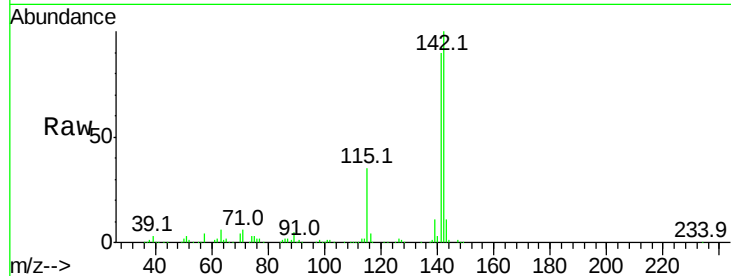




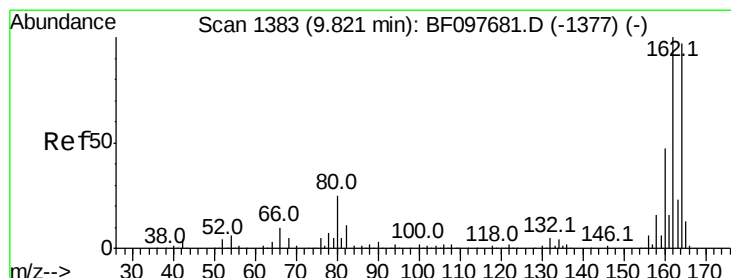
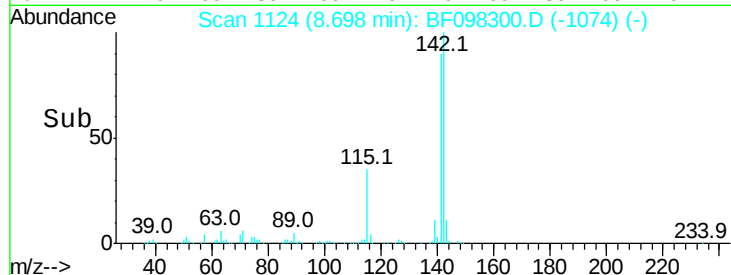
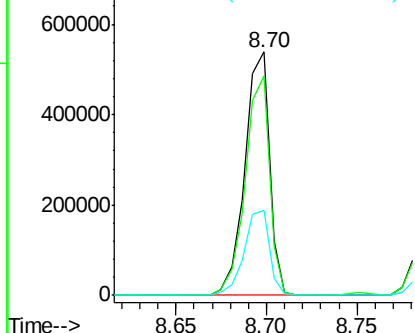
#37
2-Methylnaphthalene
Concen: 40.206 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

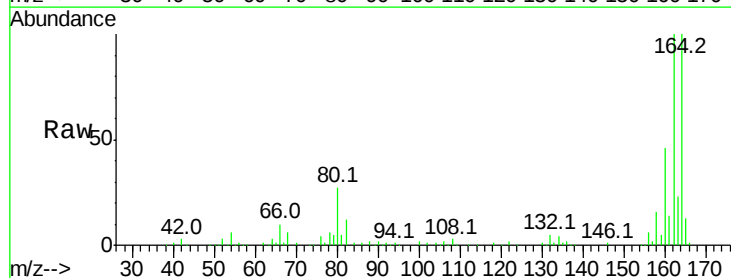


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

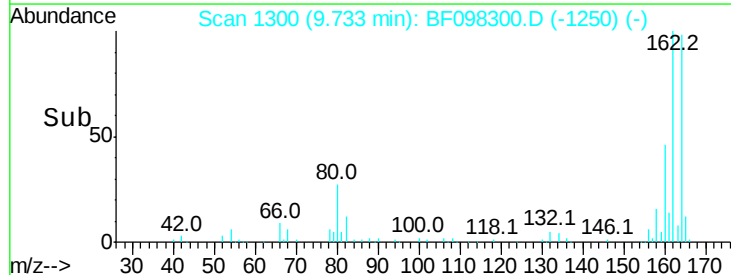
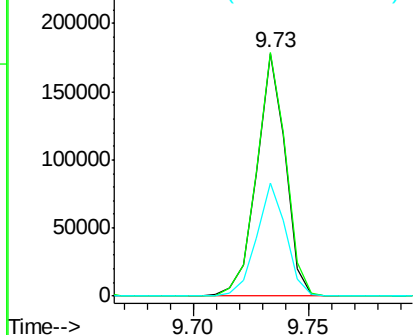


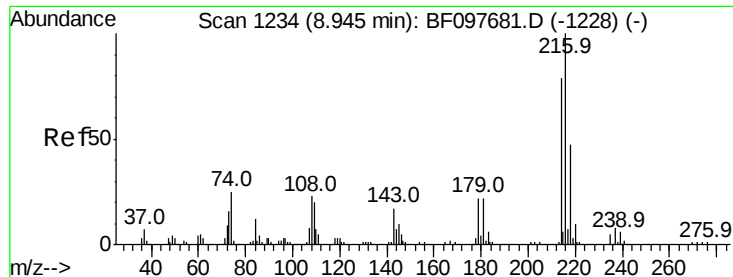
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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



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

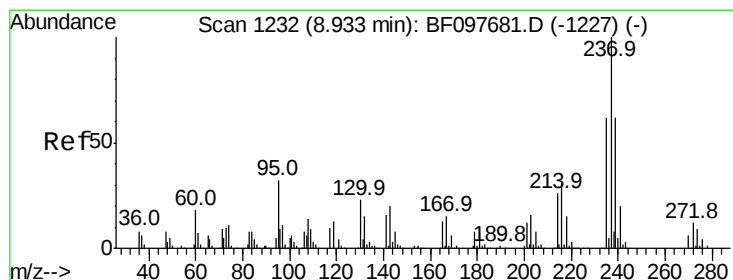
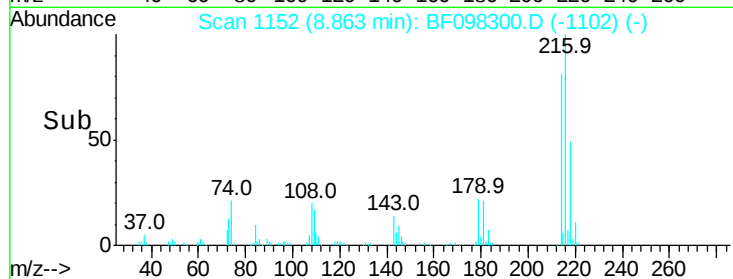
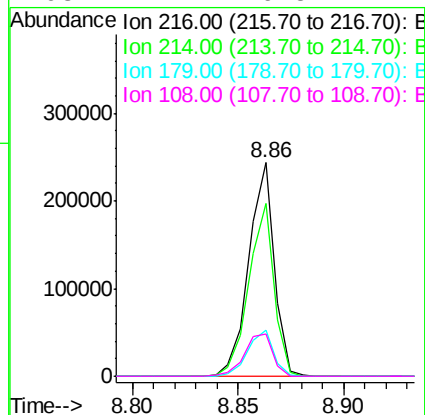
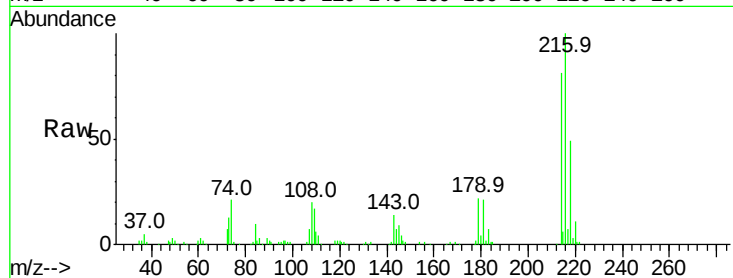




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.175 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

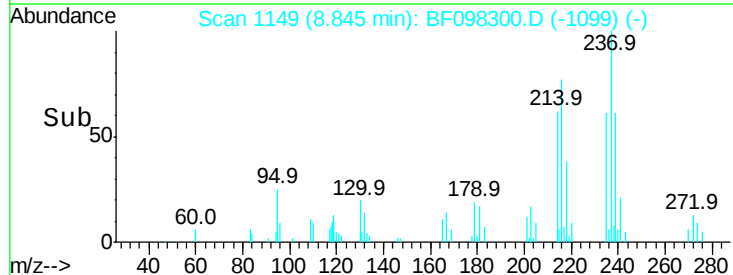
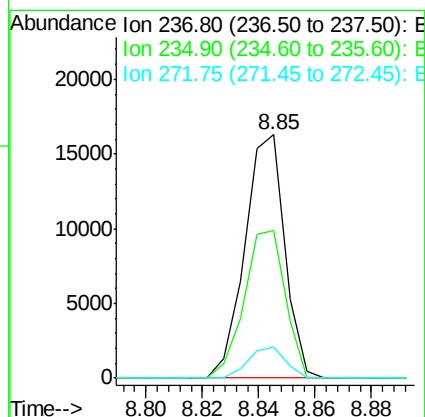
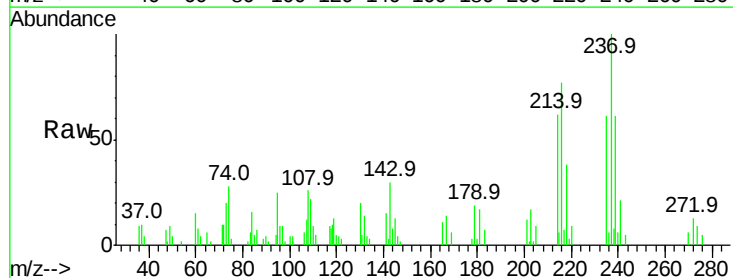
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

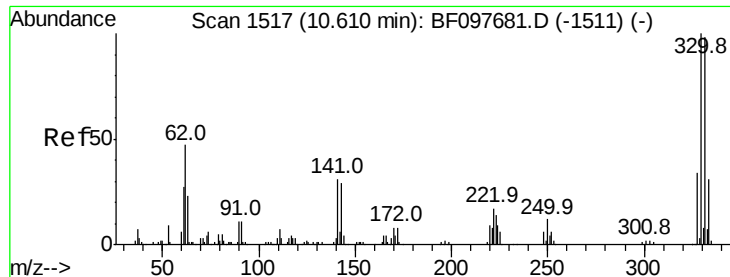
Tot Ion:	216	Resp:	204528
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	21.7	17.9	26.9
108	22.1	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 6.992 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

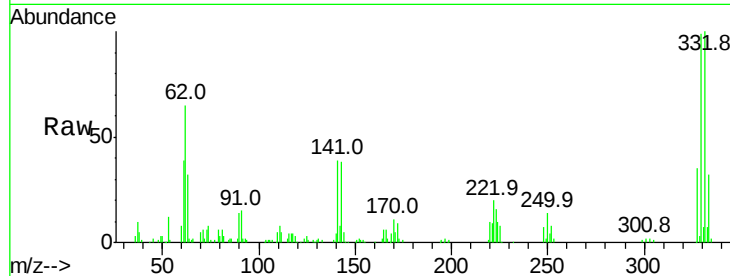




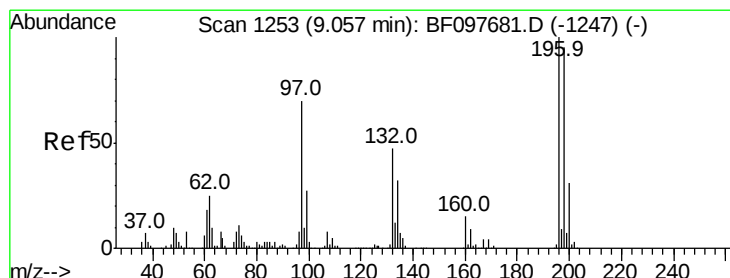
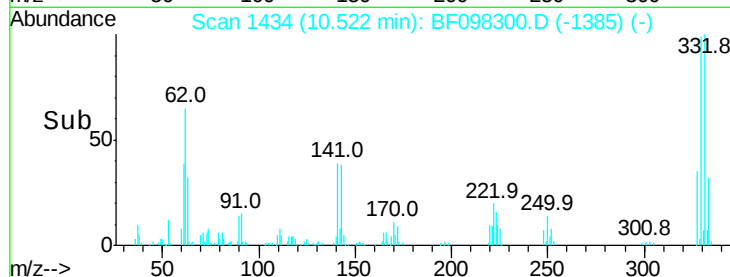
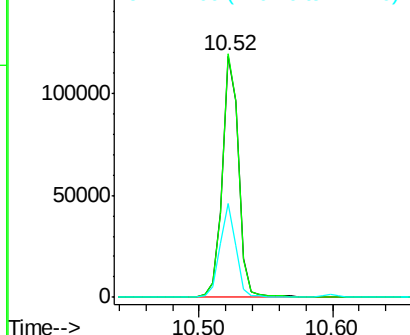
#41
 2,4,6-Tribromophenol
 Concen: 76.992 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

Tot Ion:330 Resp: 103116
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.6 115.0
 141 38.0 31.4 47.2

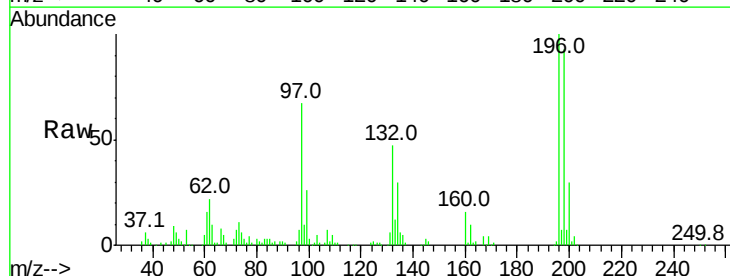


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

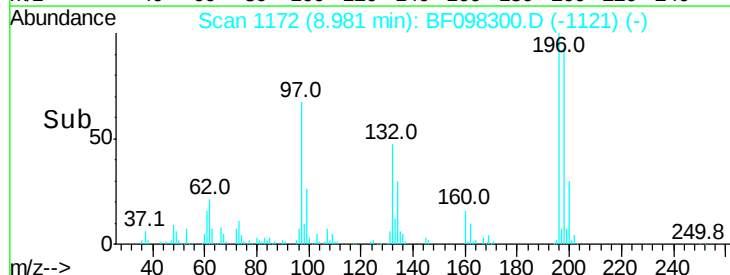
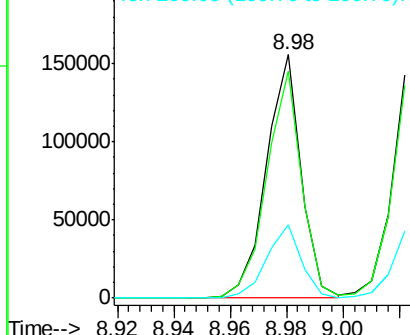


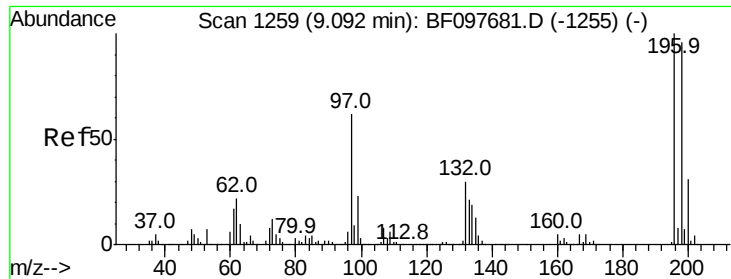
#42
 2,4,6-Trichlorophenol
 Concen: 41.827 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

Tgt Ion:196 Resp: 133029
 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

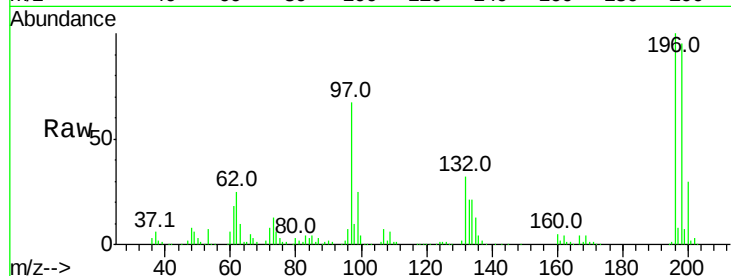




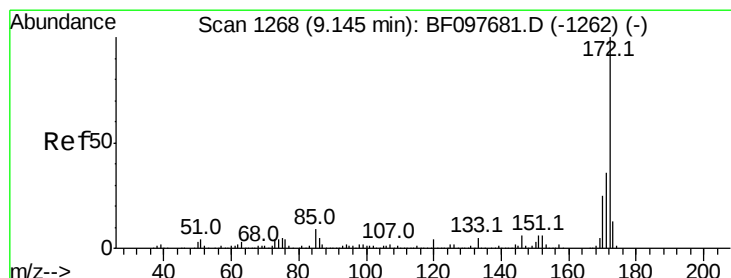
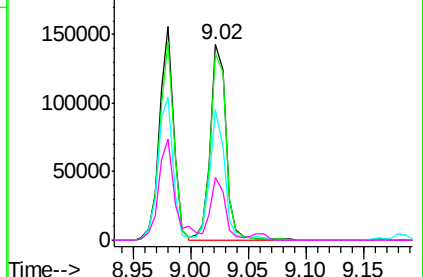
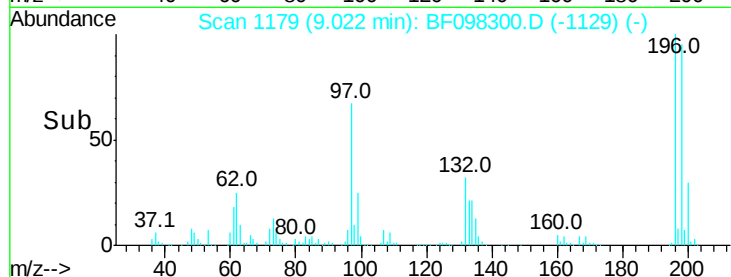
#43
 2,4,5-Trichlorophenol
 Concen: 42.744 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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

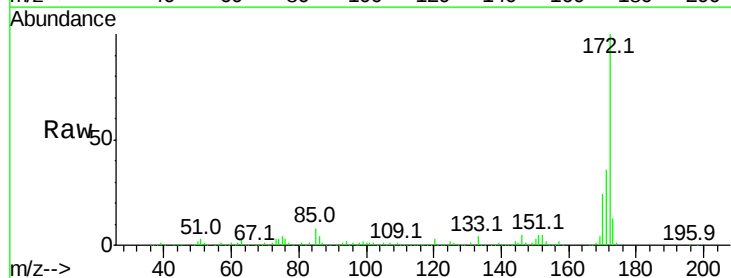


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

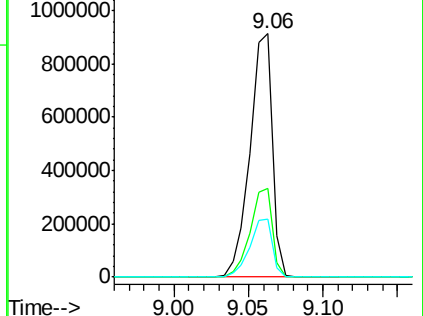
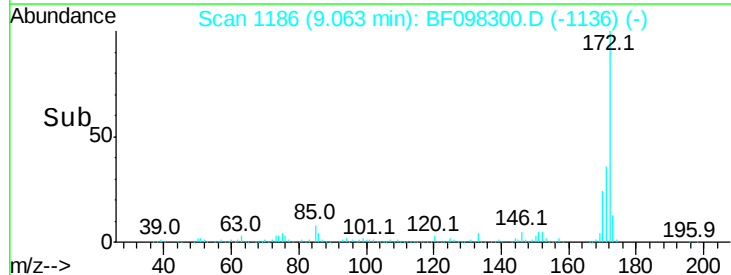


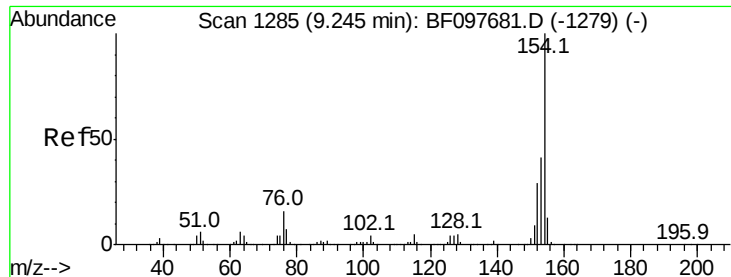
#44
 2-Fluorobiphenyl
 Concen: 89.655 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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

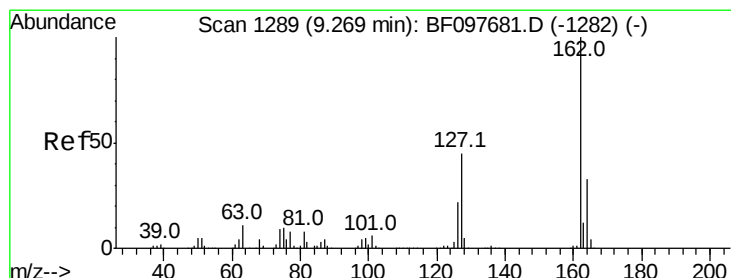
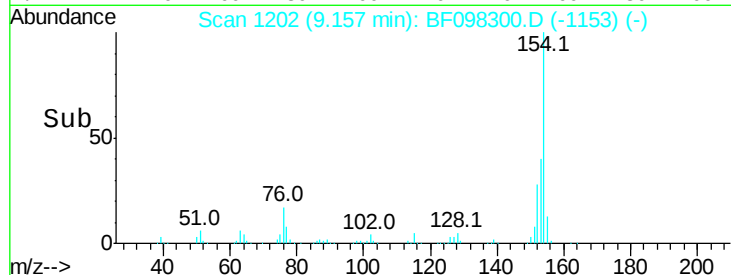
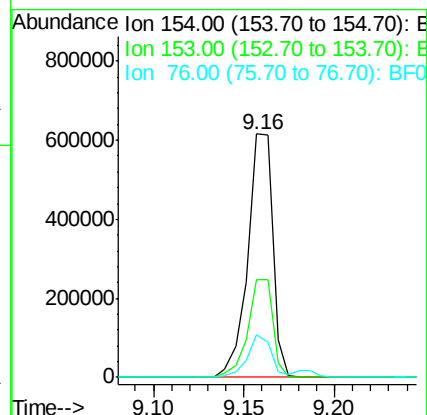
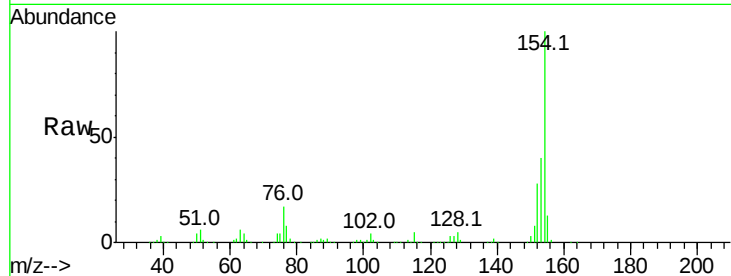




#45
 1,1'-Biphenyl
 Concen: 42.032 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

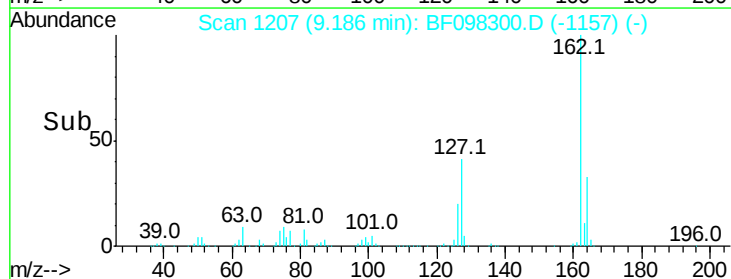
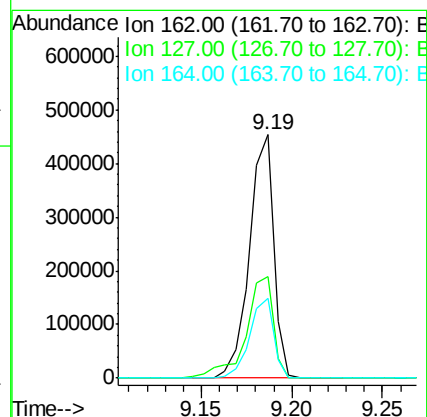
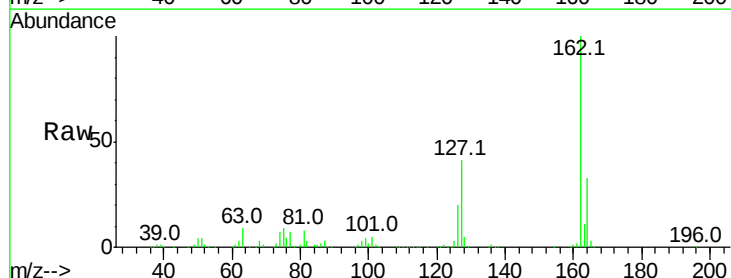
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

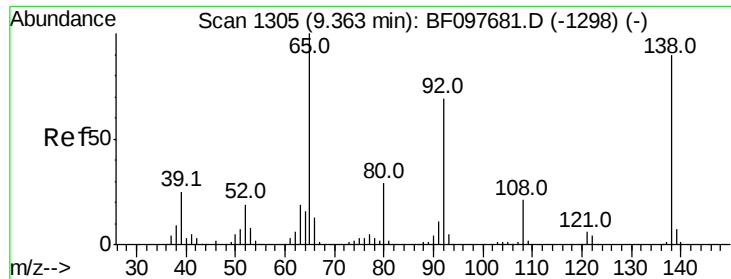
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	17.4	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 40.533 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

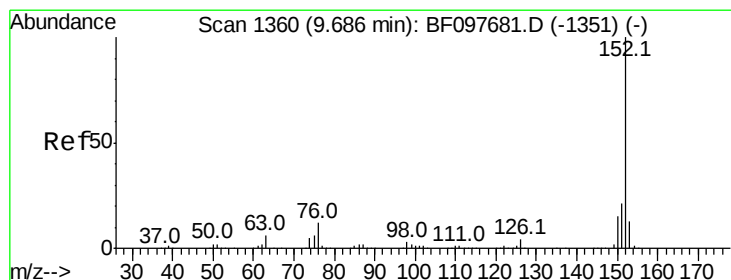
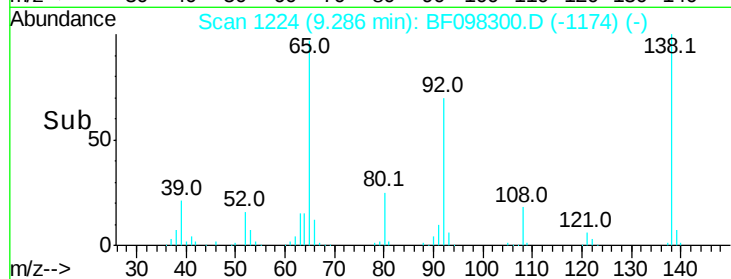
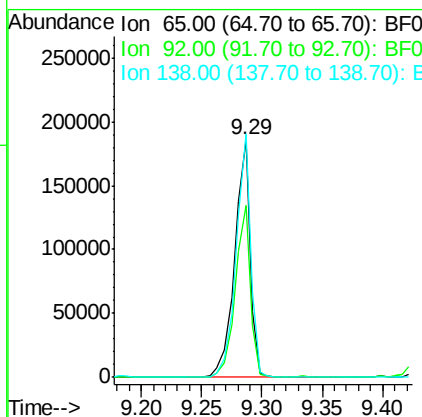
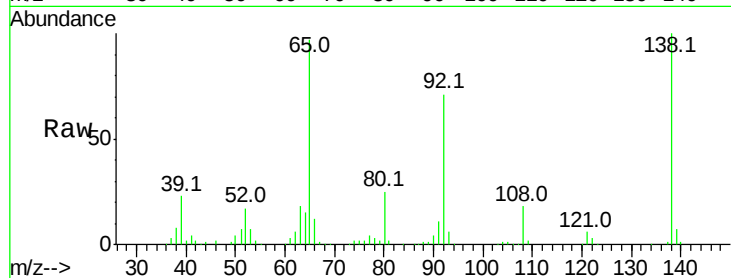




#47
 2-Nitroaniline
 Concen: 48.157 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

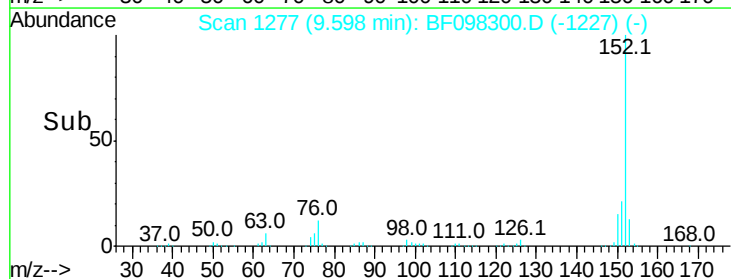
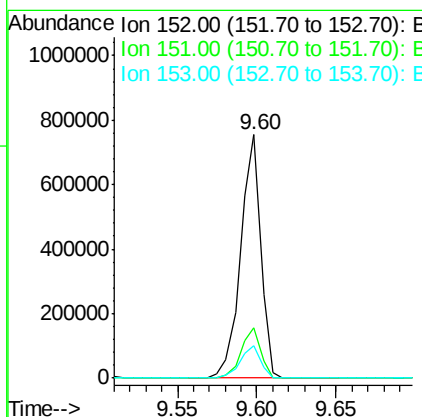
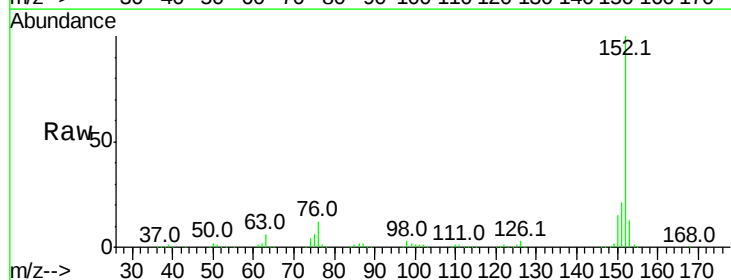
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

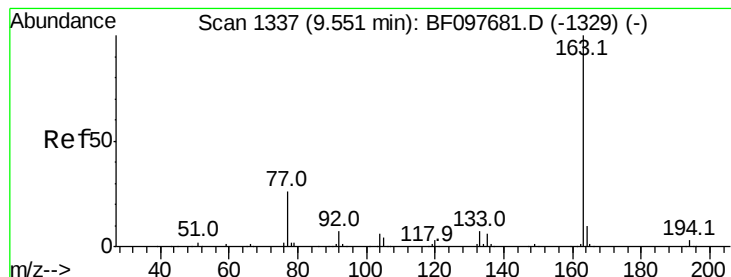
Tot Ion: 65 Resp: 167907
 Ion Ratio Lower Upper
 65 100
 92 72.5 53.9 80.9
 138 102.6 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.629 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: 46.829 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

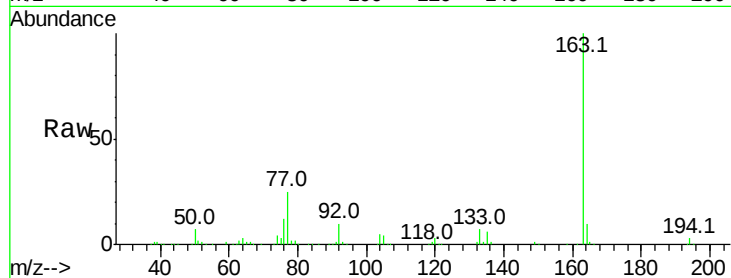
Tot Ion:163 Resp: 528381

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

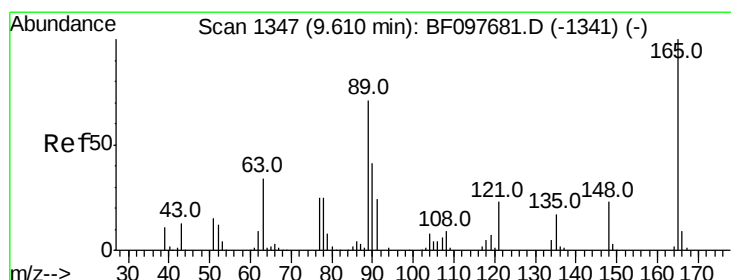
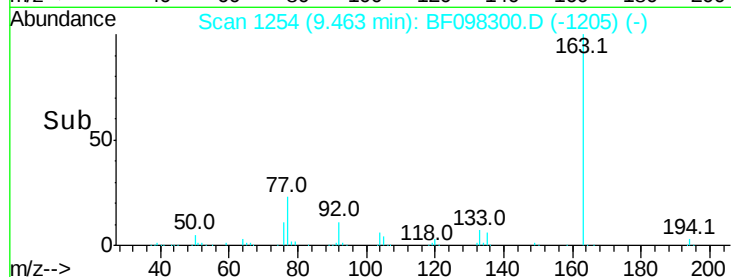
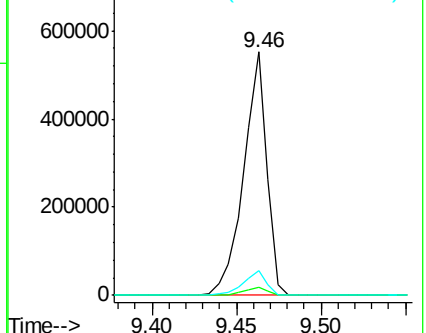
164 10.1 8.4 12.6



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: 42.180 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

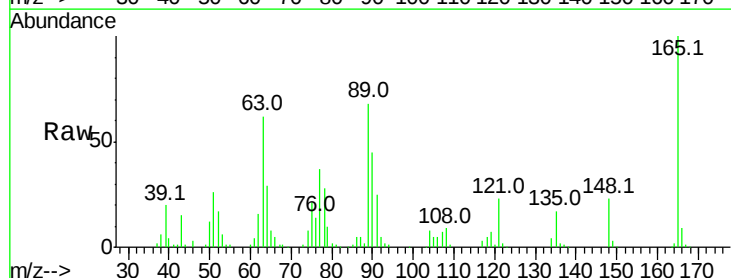
Tgt Ion:165 Resp: 94998

Ion Ratio Lower Upper

165 100

63 62.1 34.3 51.5#

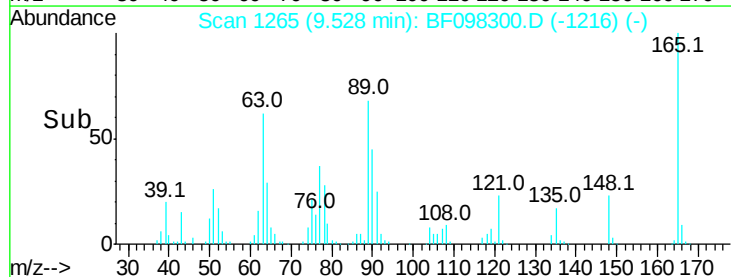
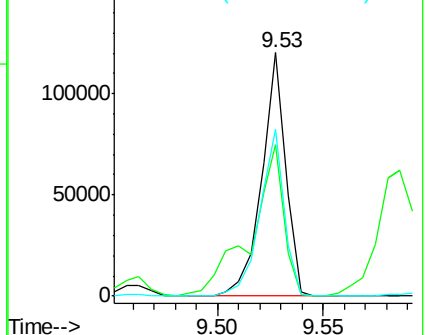
89 68.5 37.1 55.7#

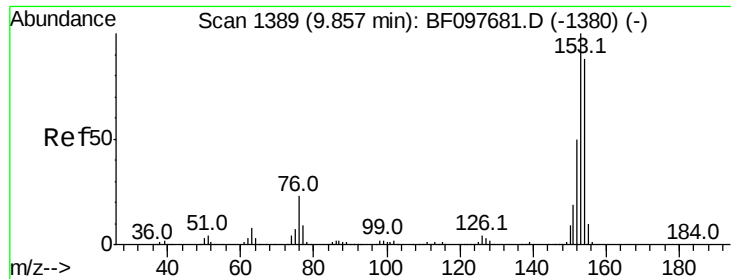


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.500 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

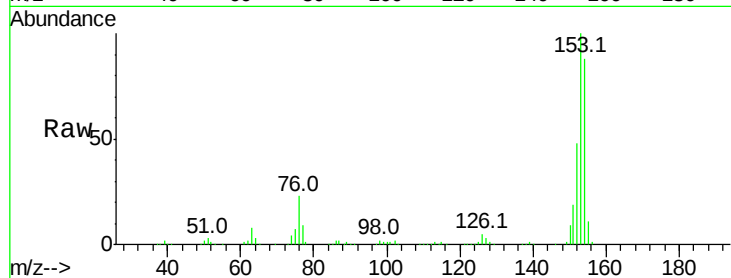
Tot Ion:154 Resp: 386274

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

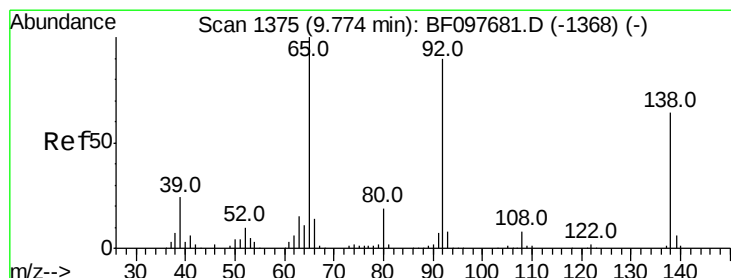
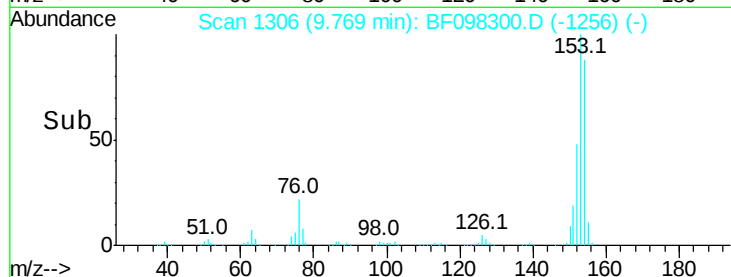
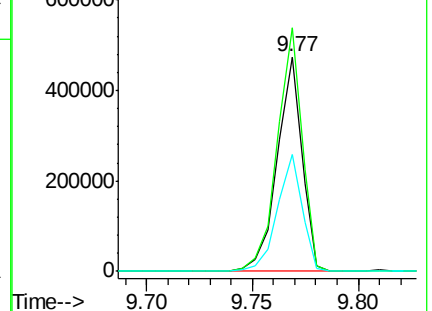
152 54.7 43.6 65.4



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: 39.708 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

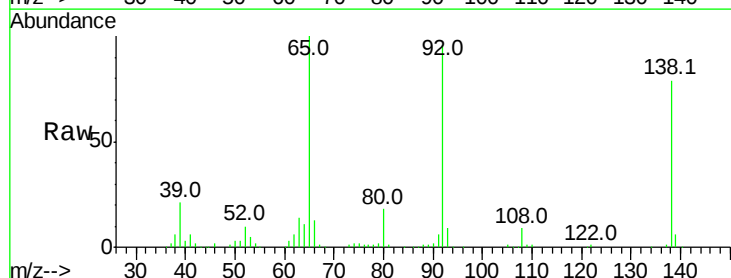
Tgt Ion:138 Resp: 115385

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

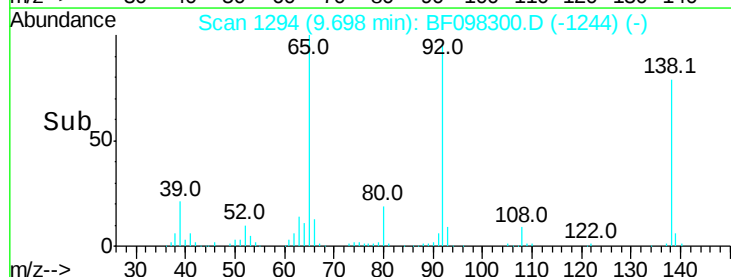
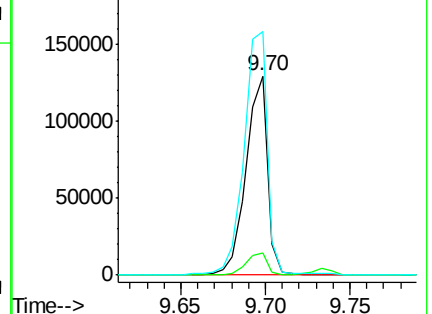
92 122.3 93.8 140.6

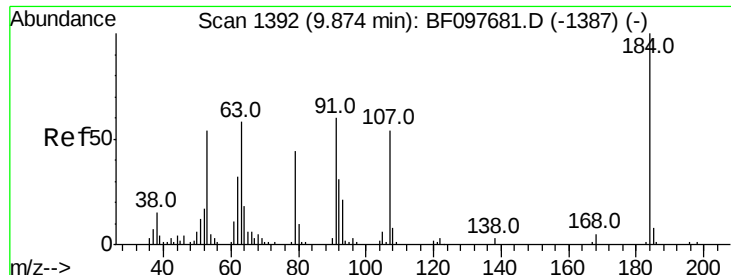


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

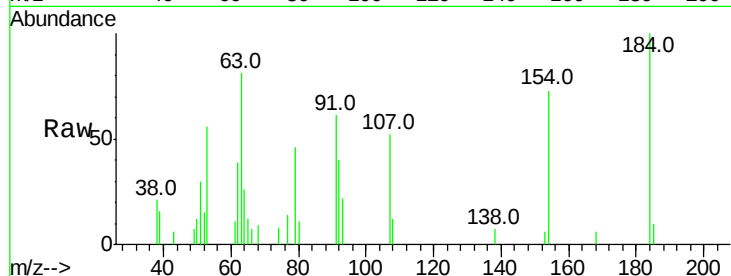




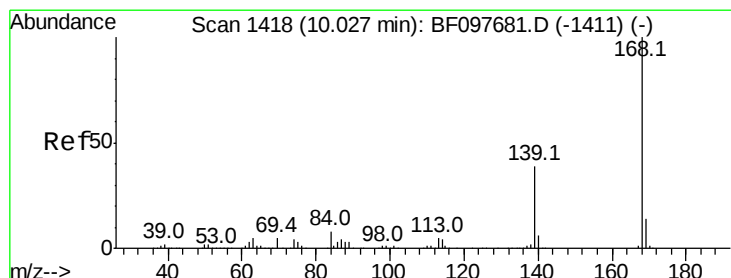
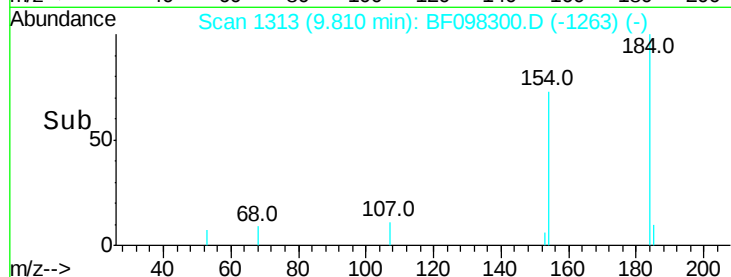
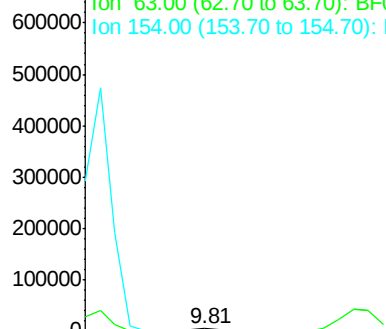
#53
 2,4-Dinitrophenol
 Concen: 14.534 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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#

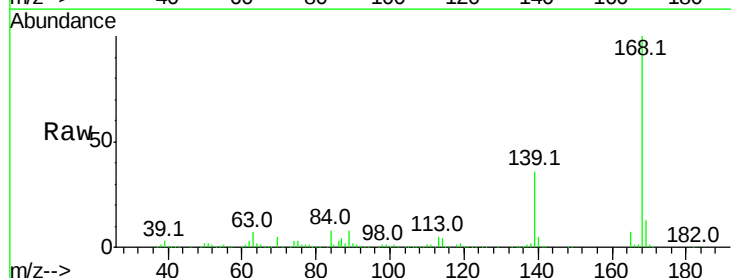


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

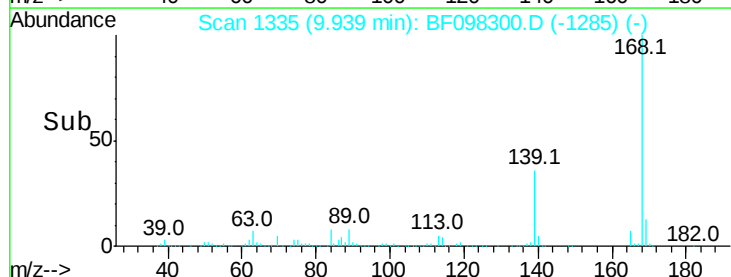
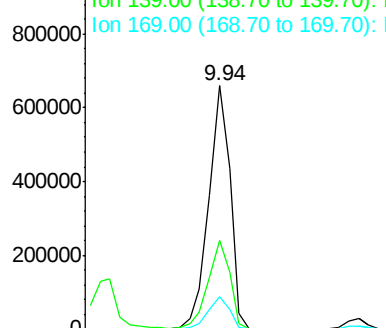


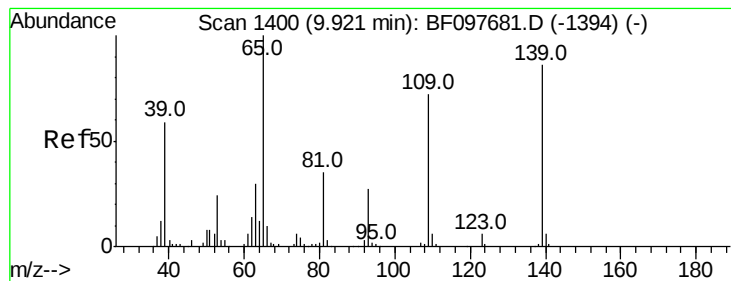
#54
 Dibenzofuran
 Concen: 42.071 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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





#55

4-Nitrophenol

Concen: 61.197 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

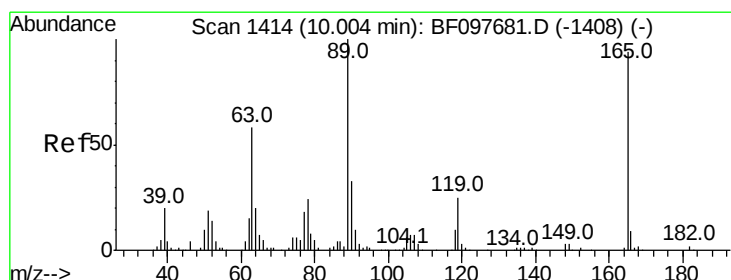
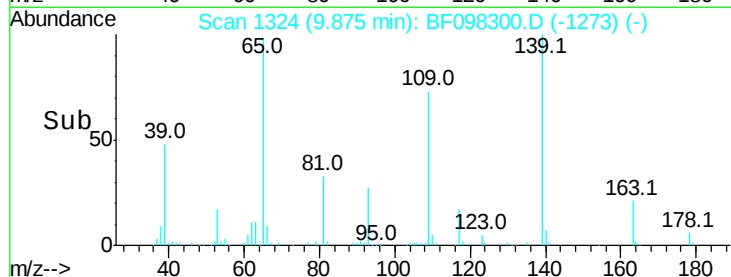
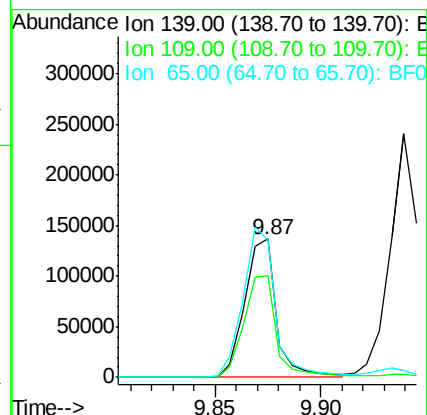
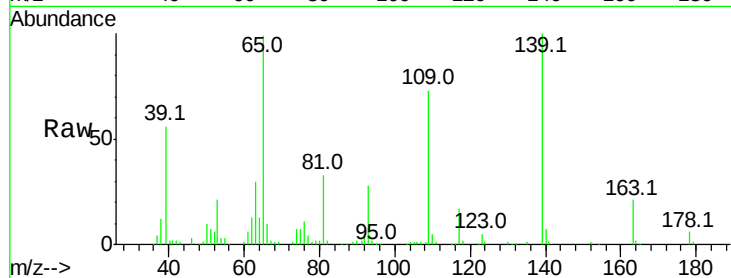
Tot Ion:139 Resp: 141854

Ion Ratio Lower Upper

139 100

109 73.0 34.1 74.1

65 99.1 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 37.817 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

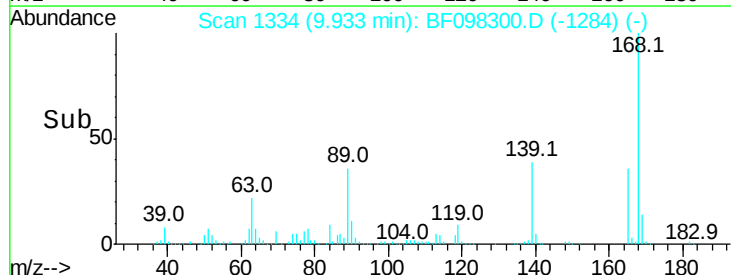
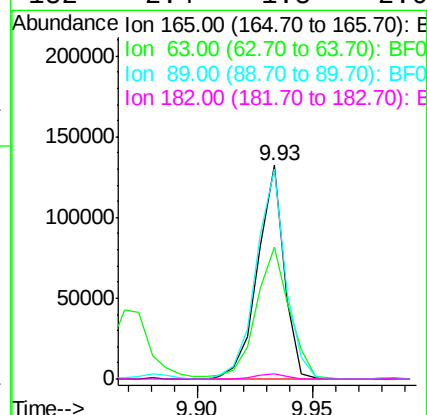
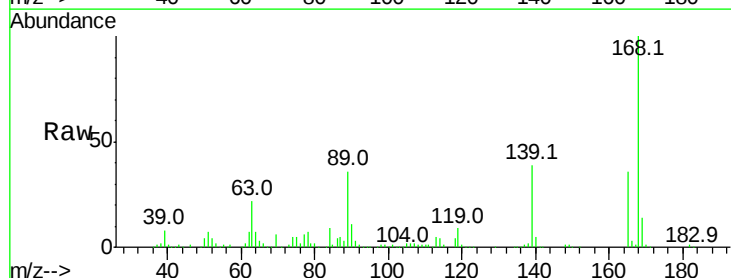
Ion Ratio Lower Upper

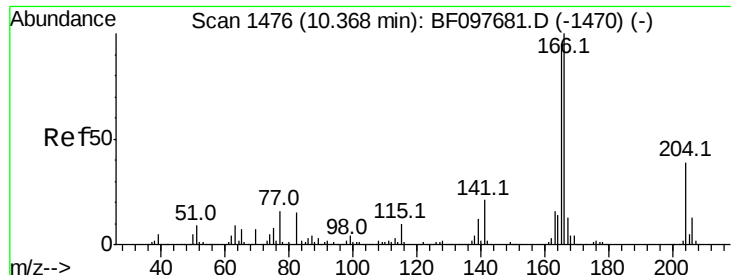
165 100

63 61.6 25.4 38.0#

89 98.1 46.4 69.6#

182 2.4 1.8 2.6

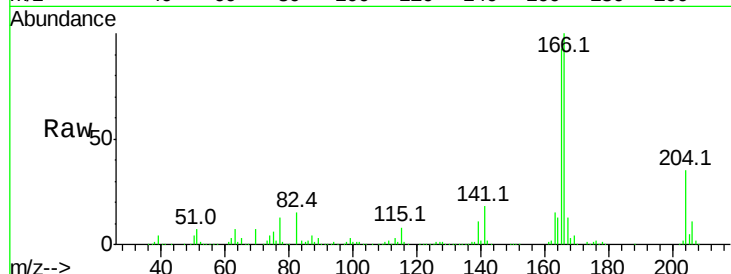




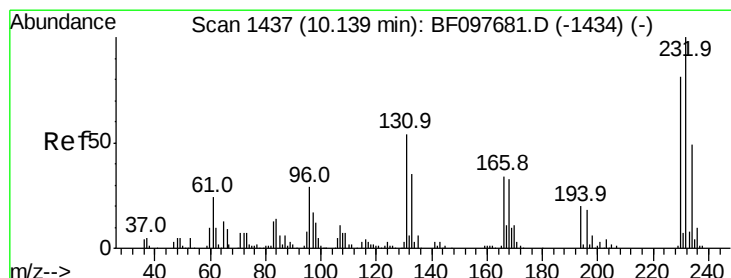
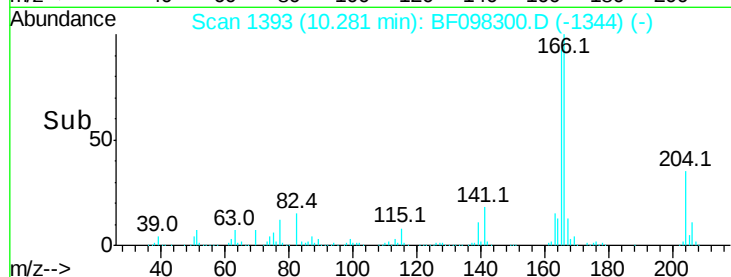
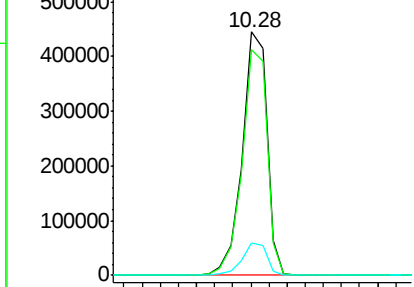
#57
Fluorene
 Concen: 39.498 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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



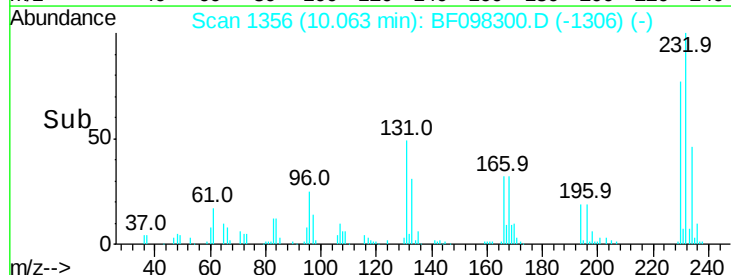
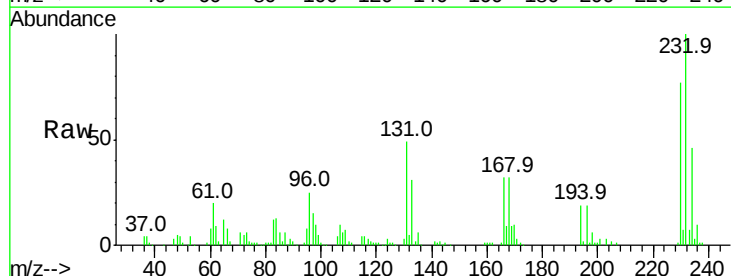
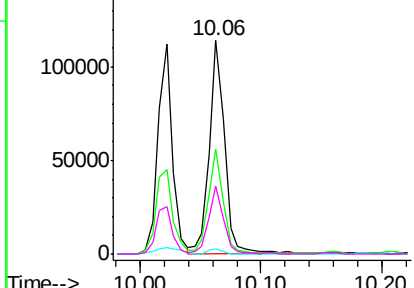
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

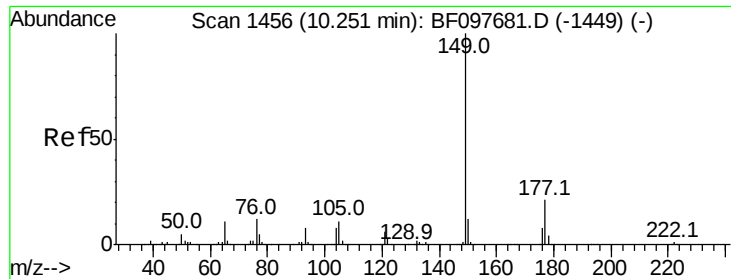


#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.686 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

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

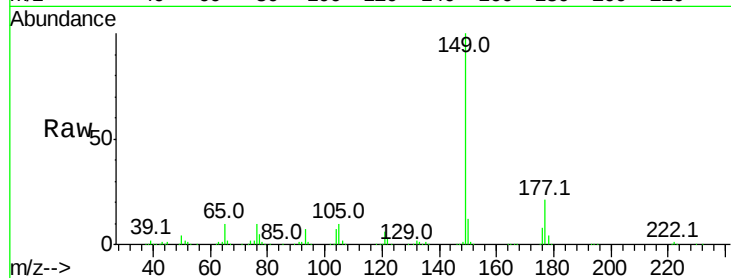




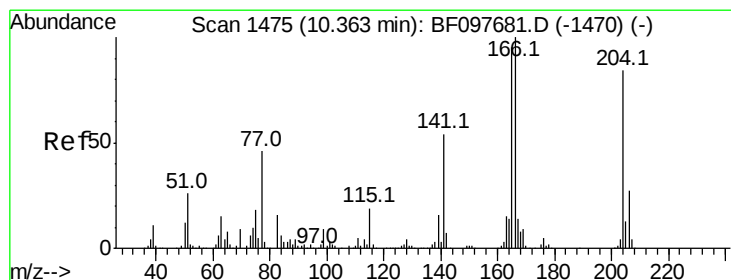
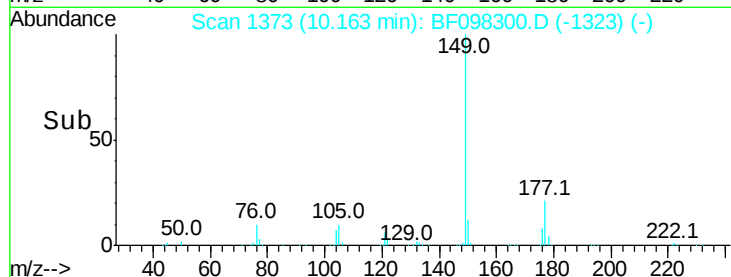
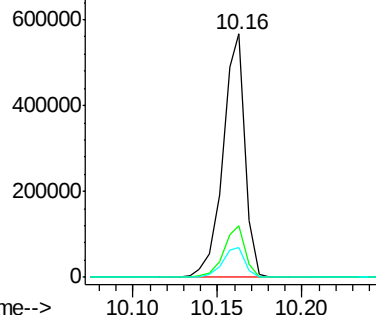
#59
Diethylphthalate
Concen: 43.859 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

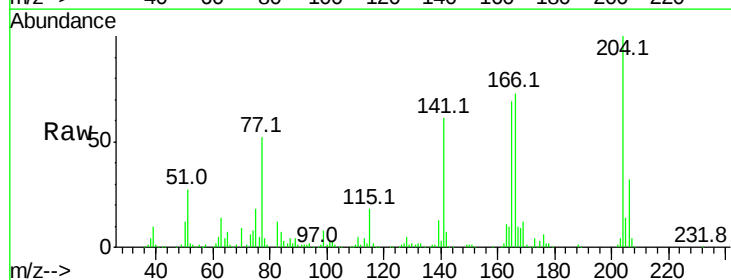


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

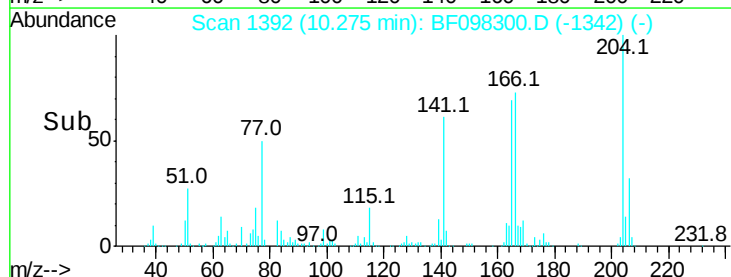
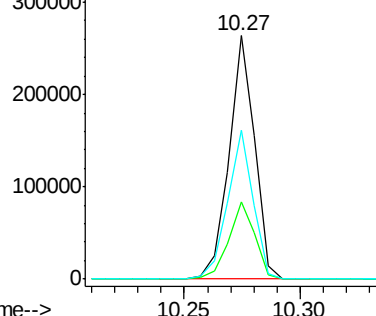


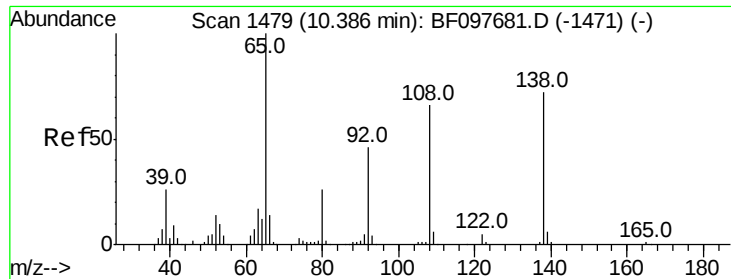
#60
4-Chlorophenyl-phenylether
Concen: 41.298 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

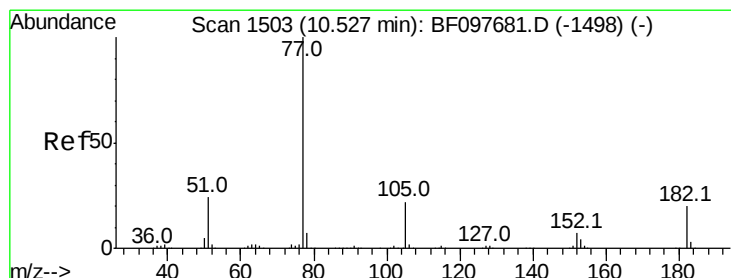
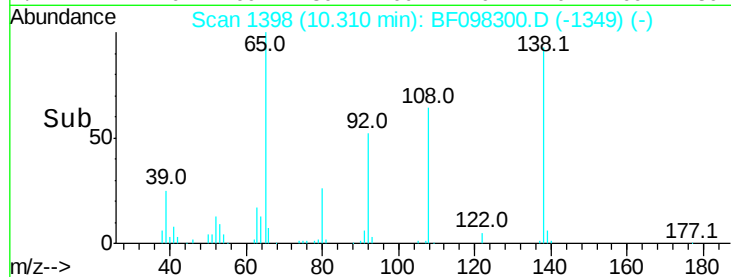
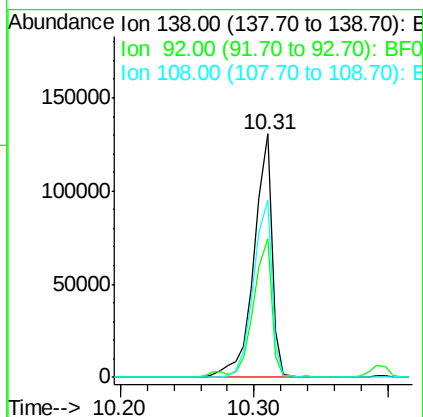
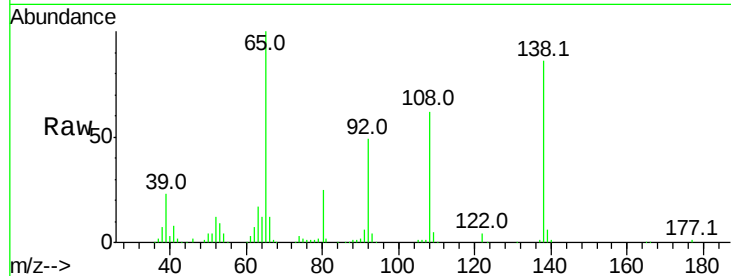




#61
4-Nitroaniline
Concen: 43.669 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

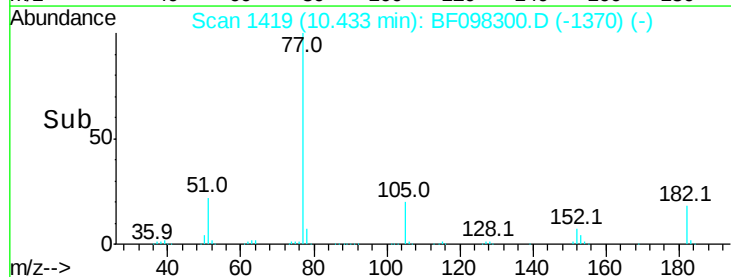
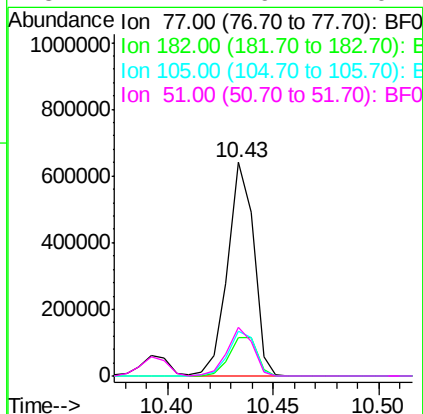
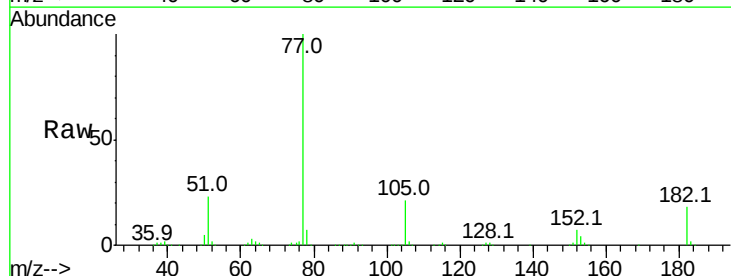
Instrument :
BNA_F
ClientSampleId :
PB102084BS

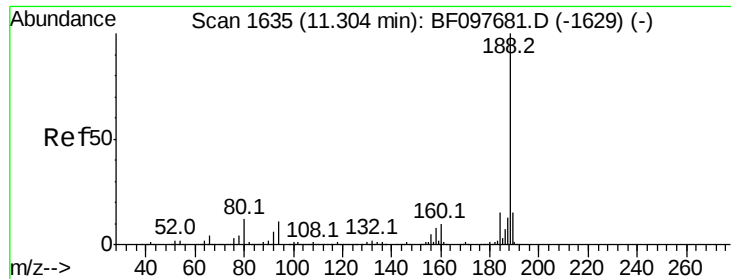
Tot Ion:138 Resp: 120604
Ion Ratio Lower Upper
138 100
92 56.8 21.8 61.8
108 72.7 42.3 82.3



#62
Azobenzene
Concen: 38.871 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

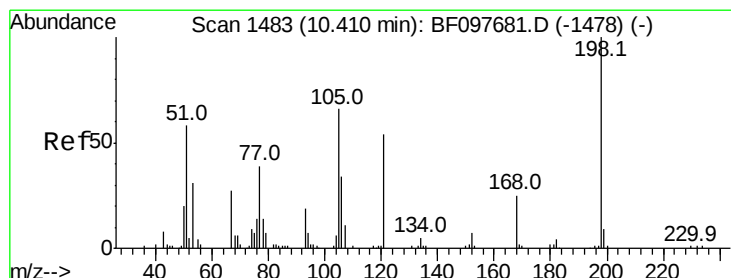
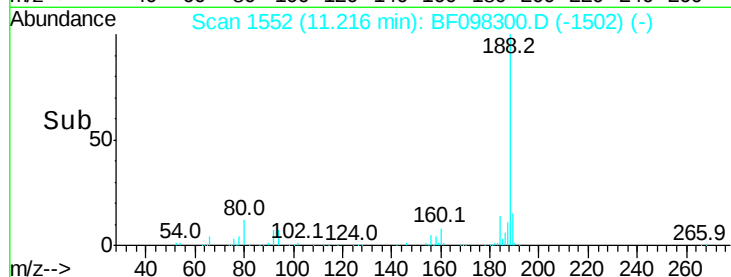
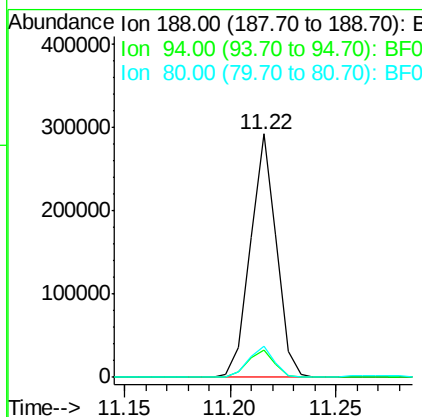
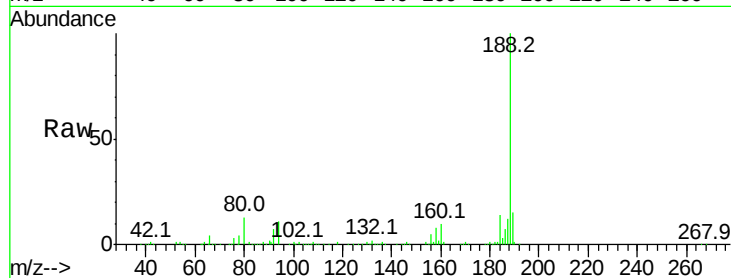




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

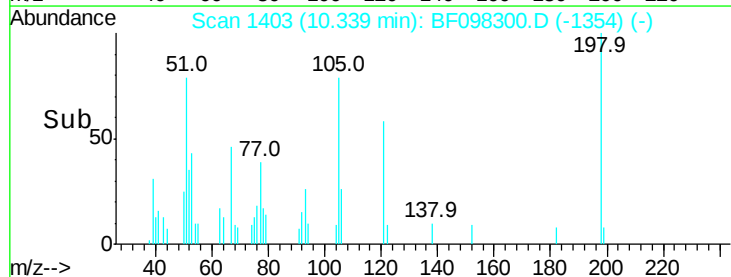
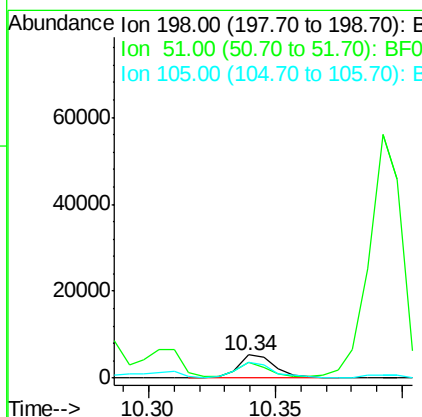
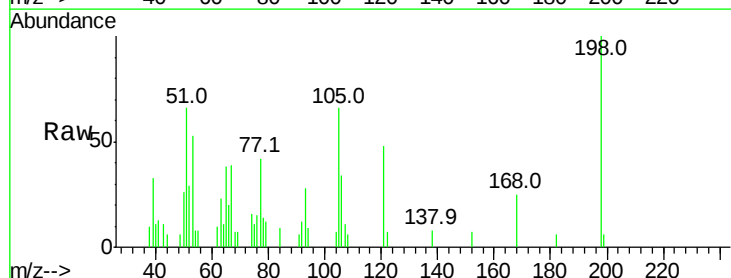
Instrument :
BNA_F
ClientSampleId :
PB102084BS

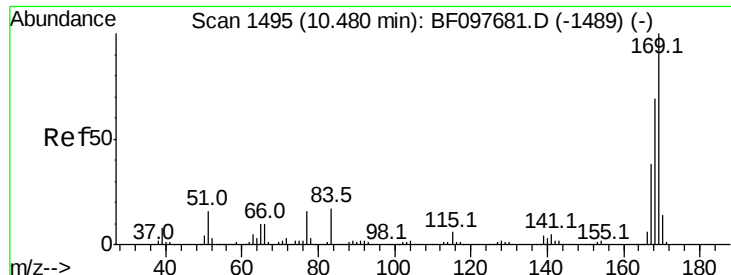
Tot Ion:188 Resp: 249836
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 12.147 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

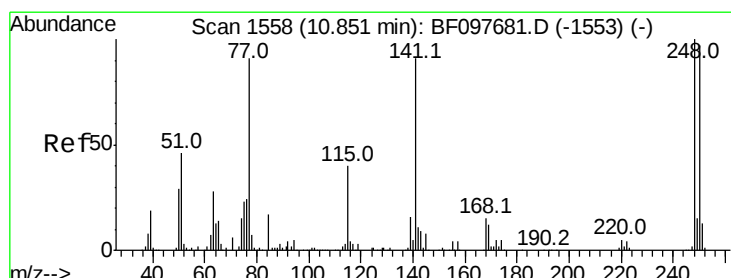
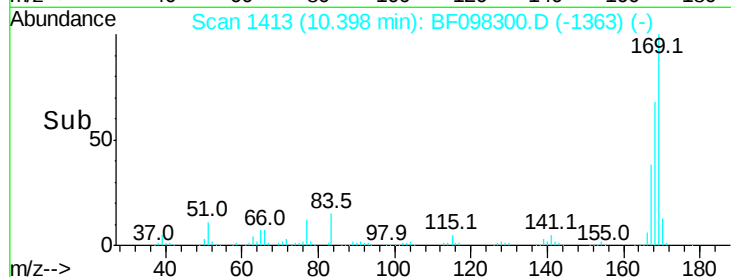
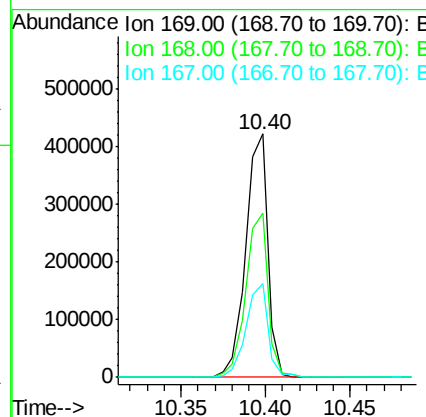
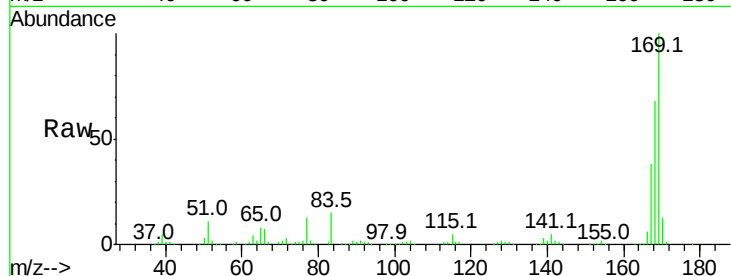




#65
n-Nitrosodiphenylamine
Concen: 45.231 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

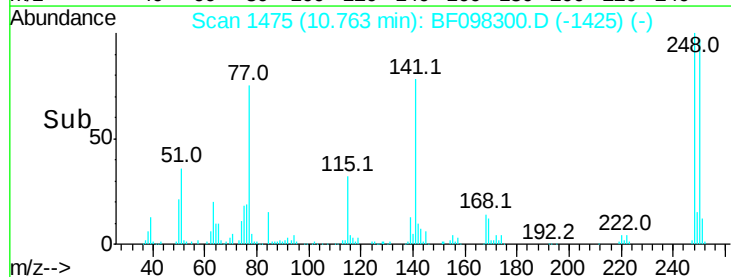
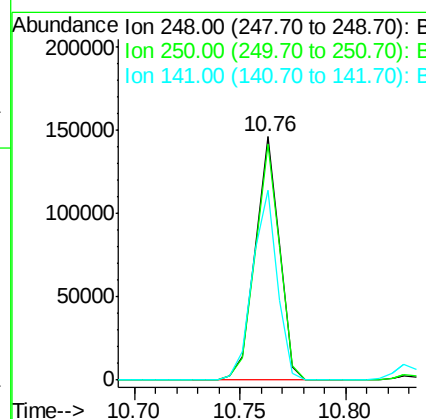
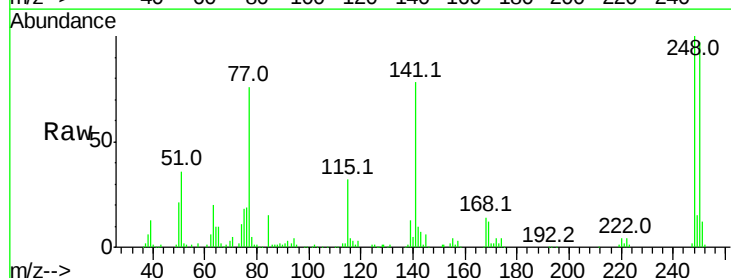
Instrument :
BNA_F
ClientSampleId :
PB102084BS

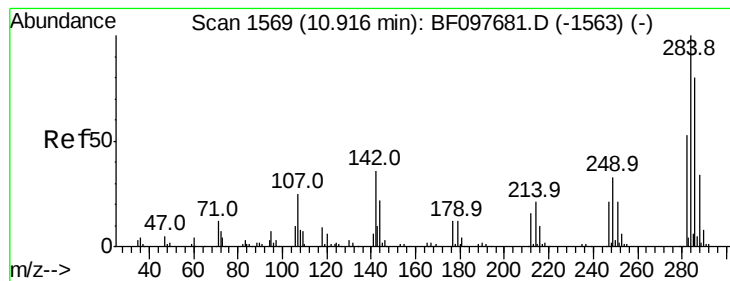
Tot Ion:169 Resp: 384810
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 38.3 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 45.291 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: 42.007 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

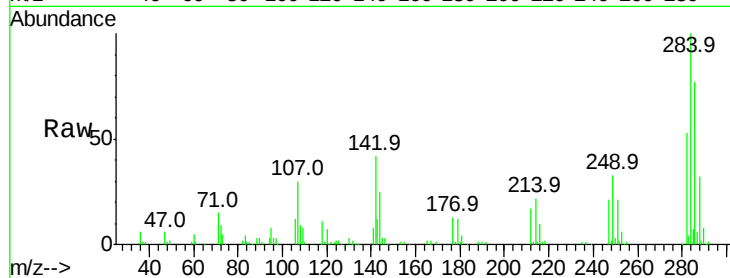
Tot Ion:284 Resp: 111081

Ion Ratio Lower Upper

284 100

142 41.7 22.8 34.2#

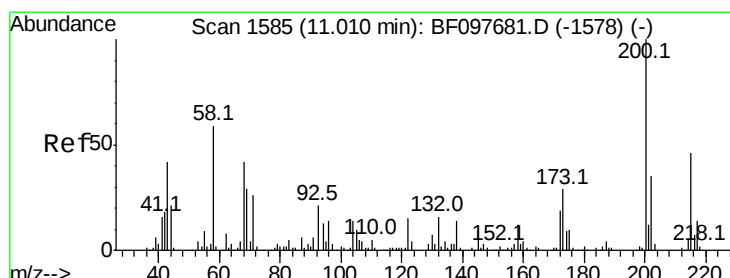
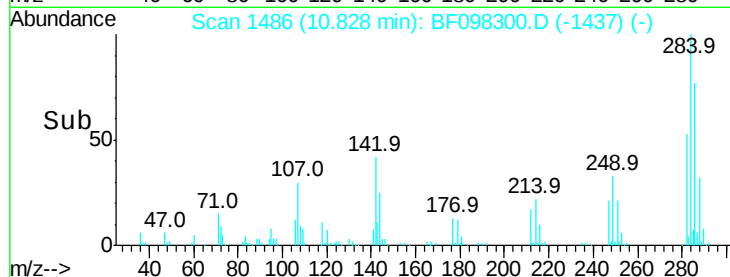
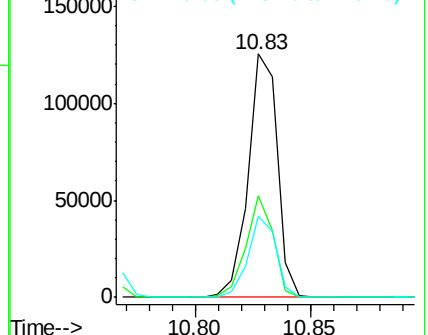
249 33.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.122 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

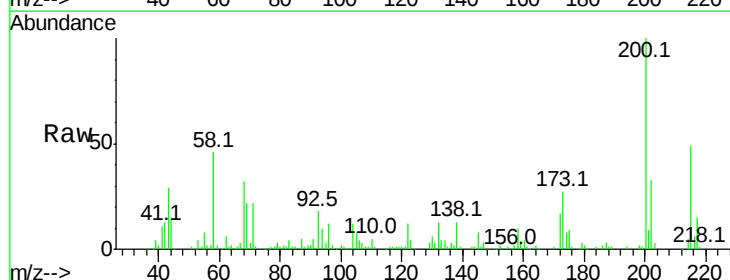
Tgt Ion:200 Resp: 106317

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

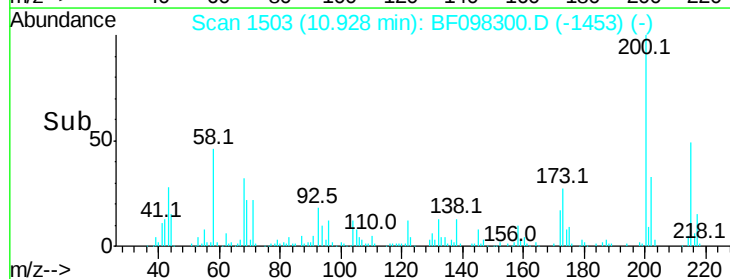
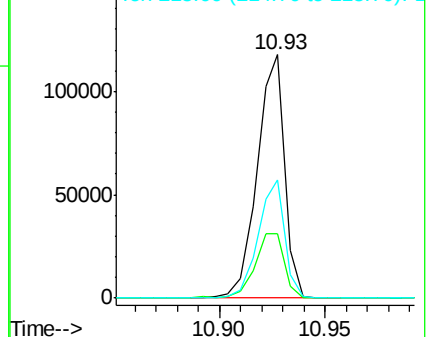
215 48.6 27.2 67.2

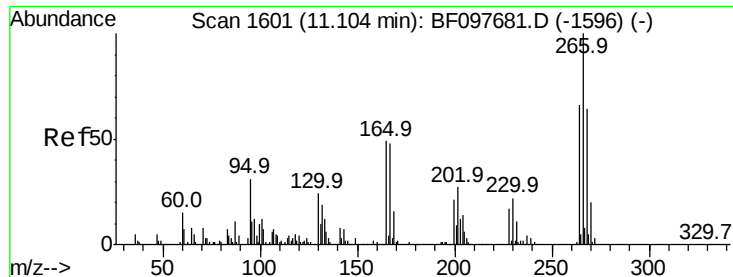


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

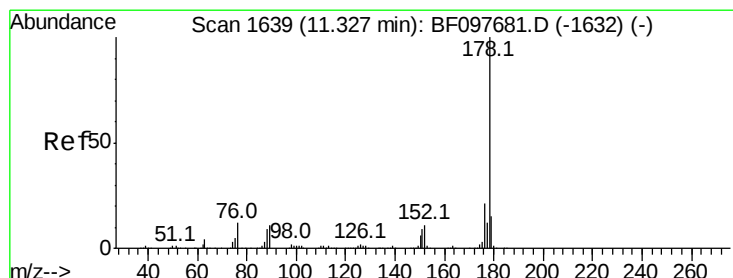
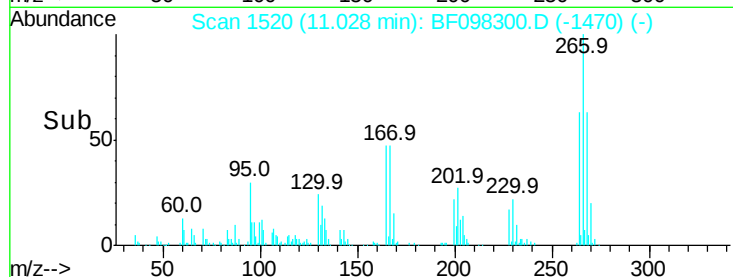
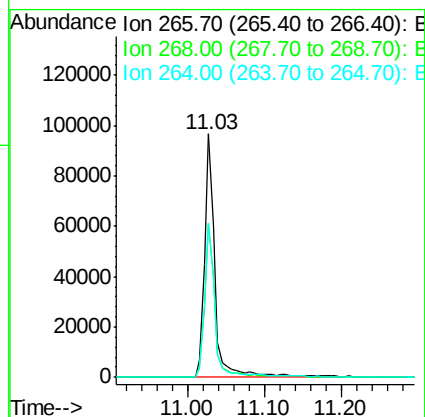
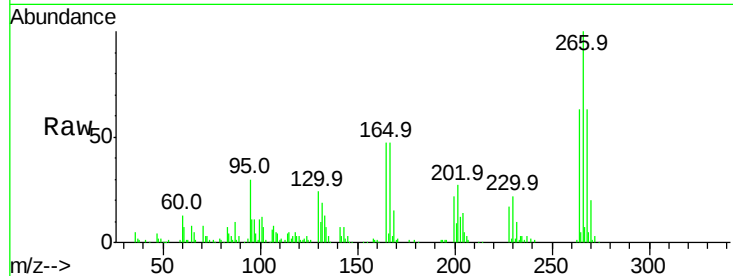




#69
 Pentachlorophenol
 Concen: 59.930 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

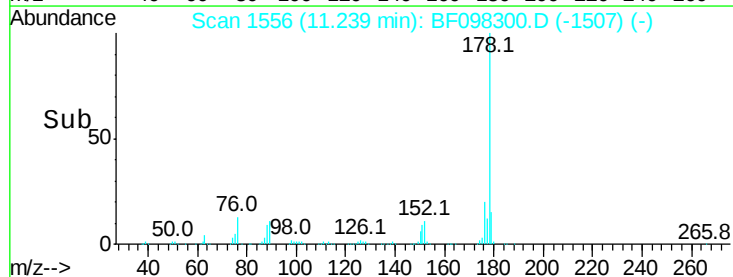
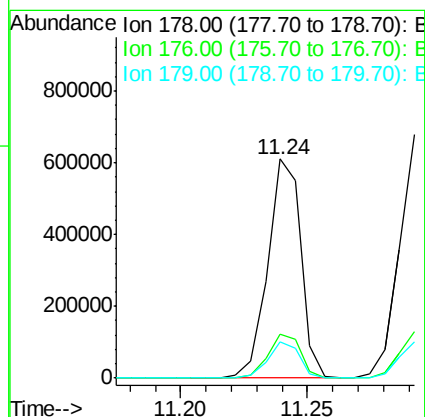
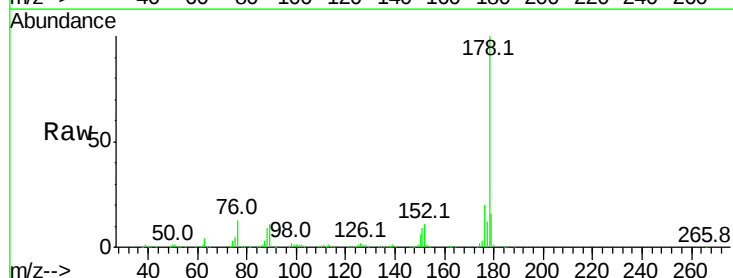
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

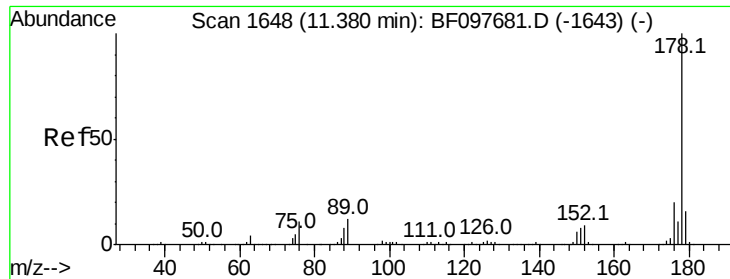
Tot Ion:266 Resp: 92401
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.0 51.7 77.5



#70
 Phenanthrene
 Concen: 42.025 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: 42.962 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

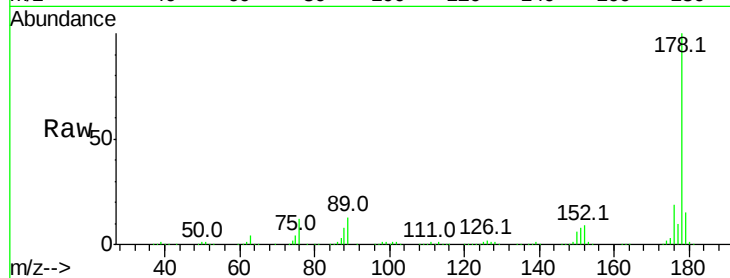
Tot Ion:178 Resp: 580122

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

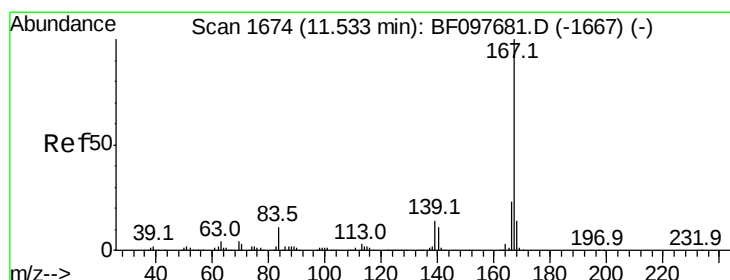
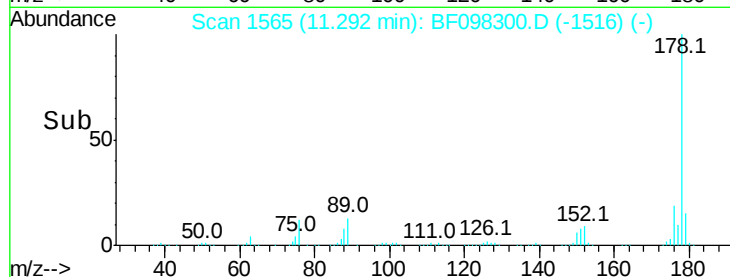
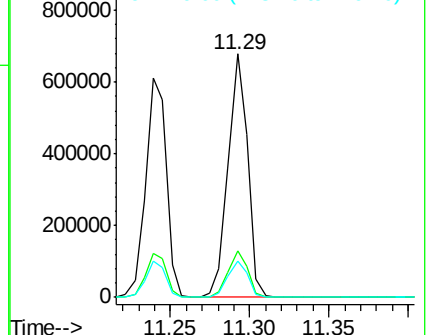
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.419 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

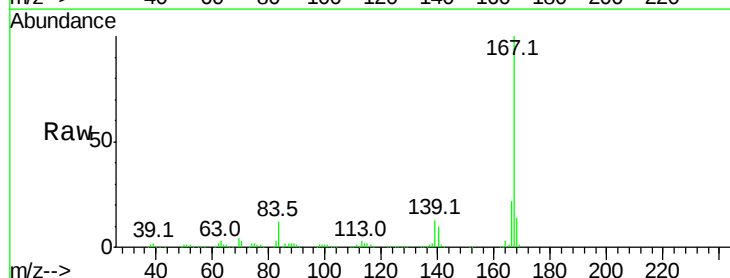
Tgt Ion:167 Resp: 543693

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

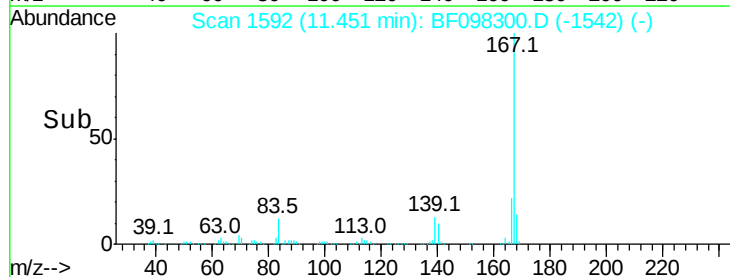
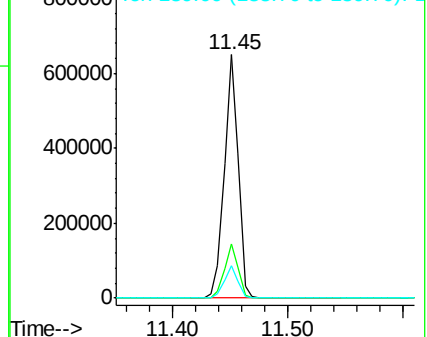
139 13.3 11.7 17.5

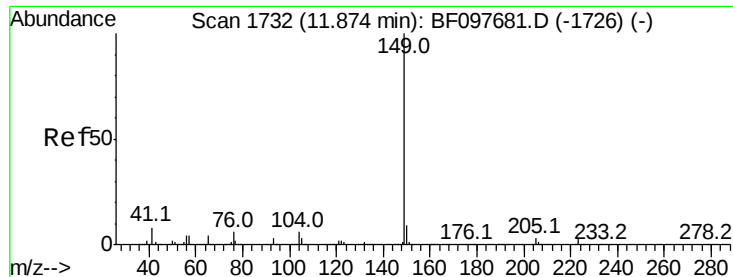


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

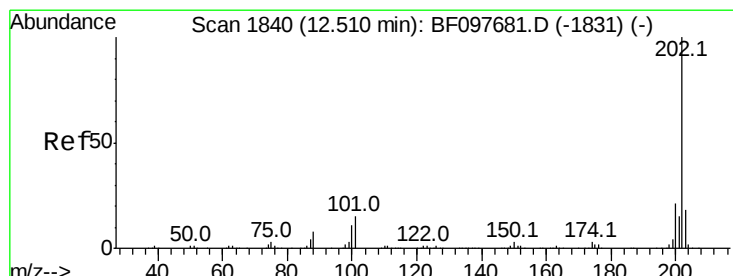
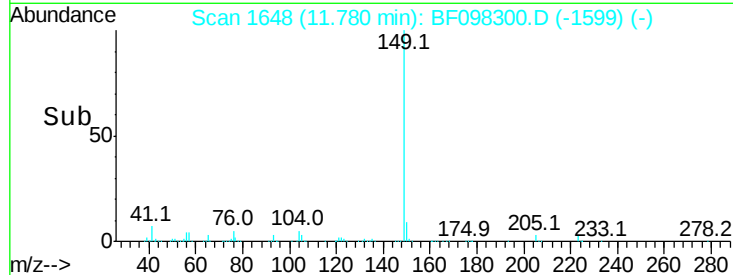
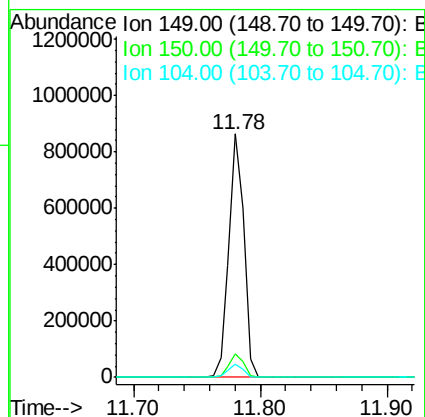
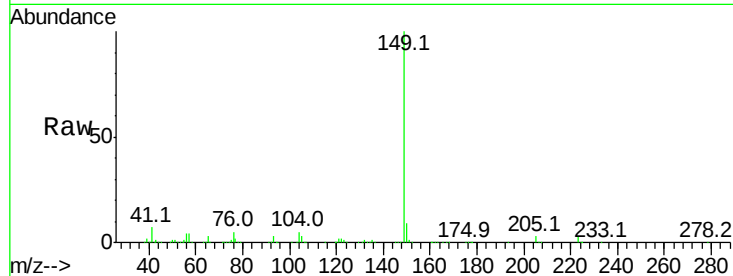




#73
Di-n-butylphthalate
Concen: 48.206 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

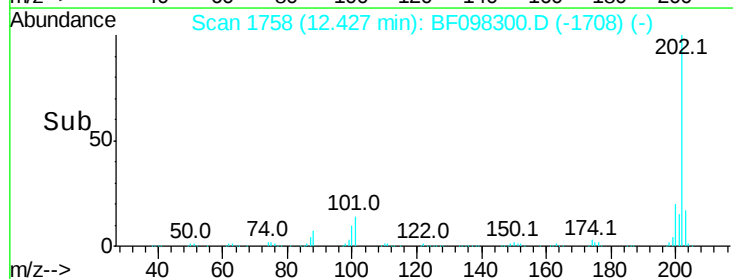
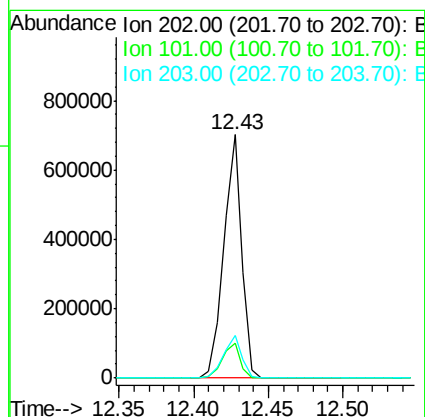
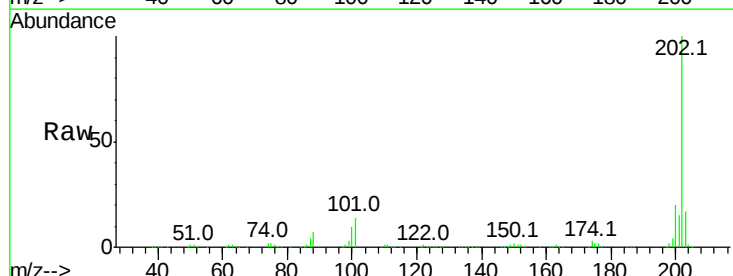
Instrument :
BNA_F
ClientSampleId :
PB102084BS

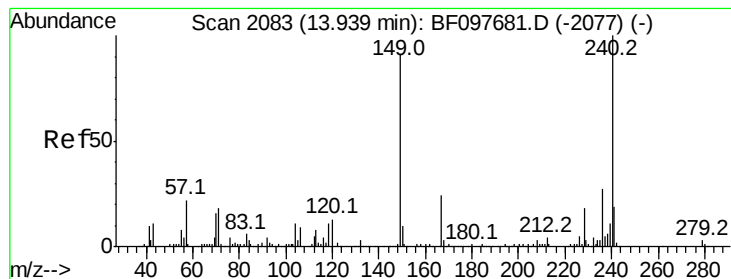
Tot Ion:149 Resp: 711691
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 5.5 4.0 6.0



#74
Fluoranthene
Concen: 42.982 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





#75

Chrysene-d12

Concen: 20.000 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

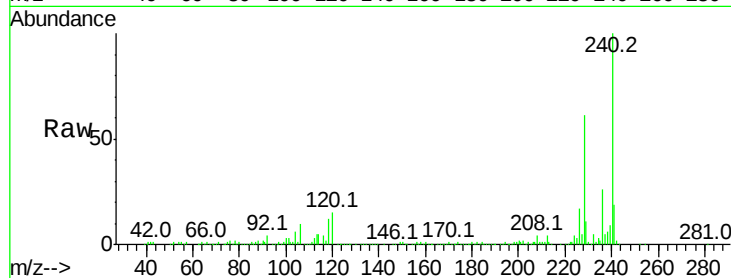
Tot Ion:240 Resp: 212538

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

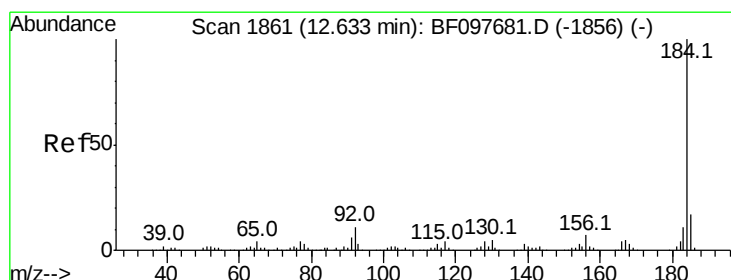
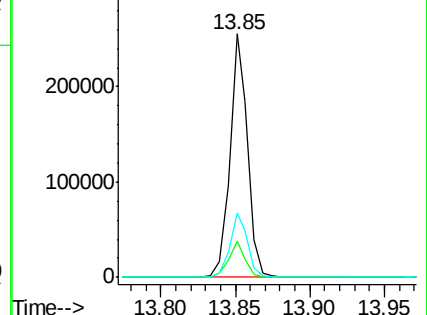
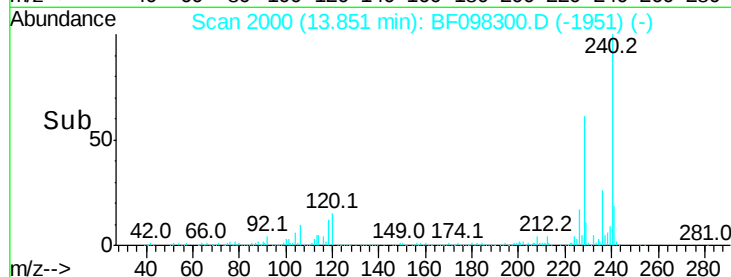
236 26.5 20.5 30.7



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: 73.674 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

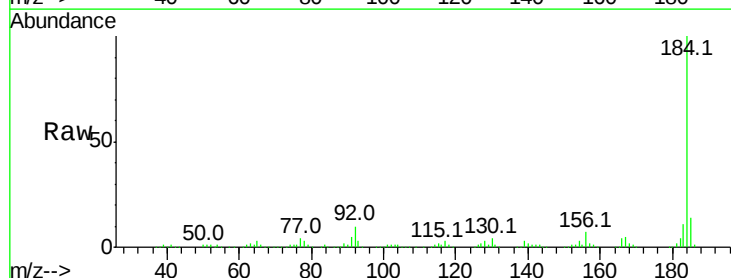
Tgt Ion:184 Resp: 513405

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

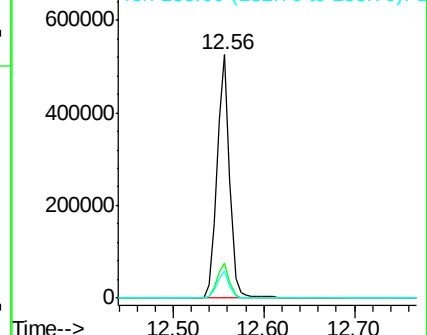
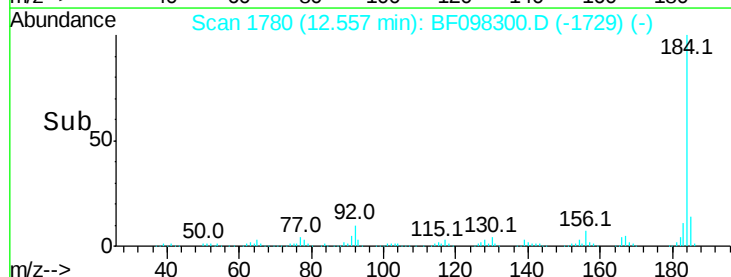
183 11.2 9.8 14.6

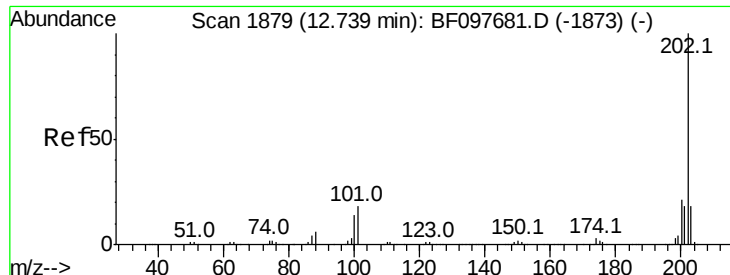


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

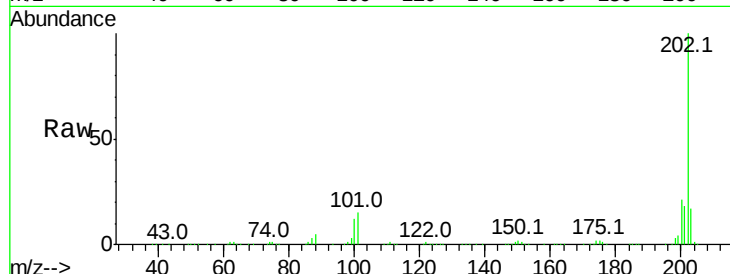




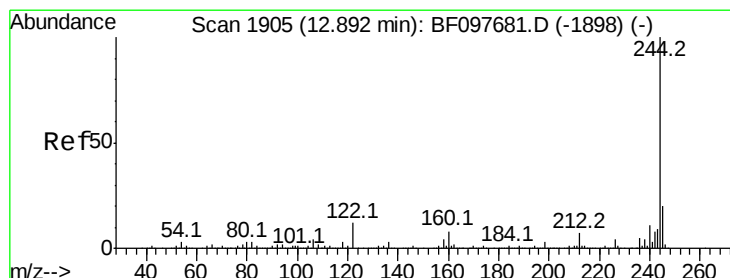
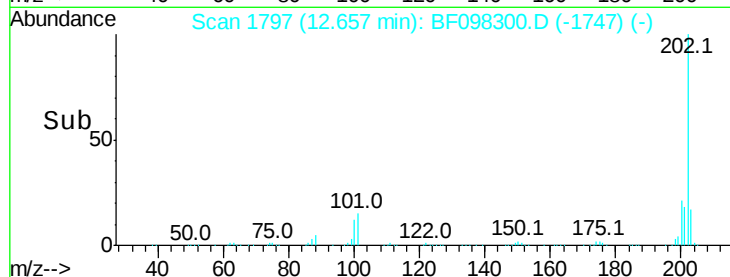
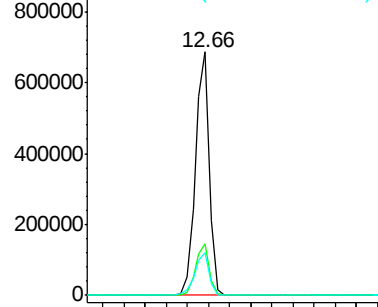
#77
Pvrene
Concen: 36.135 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

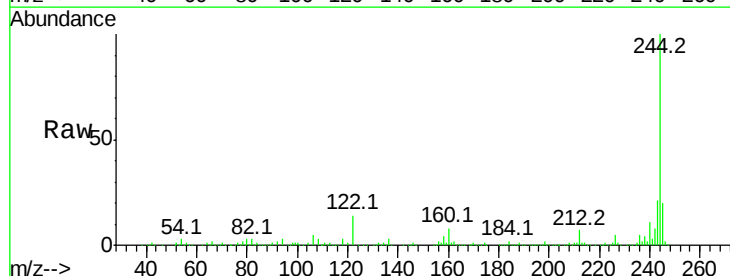


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

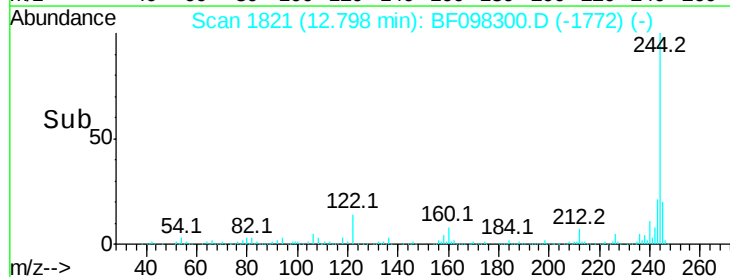
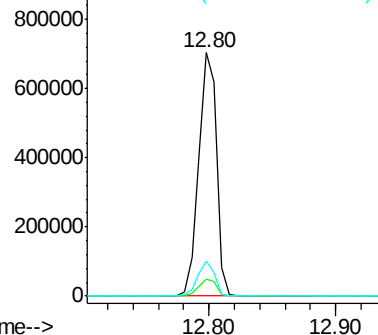


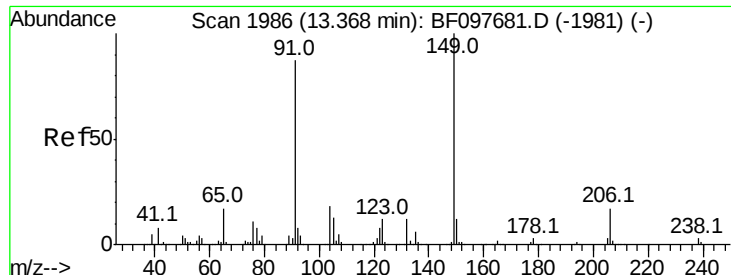
#78
Terphenyl-d14
Concen: 66.749 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

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

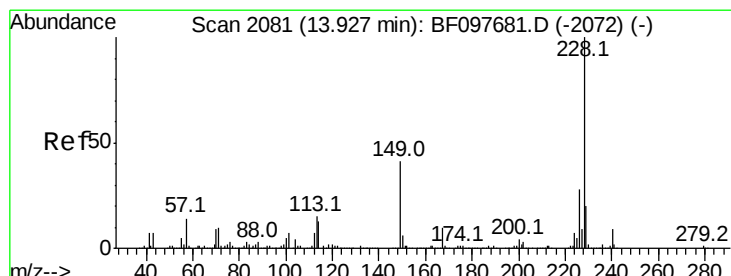
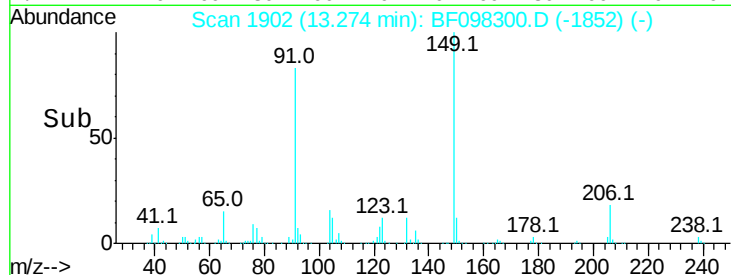
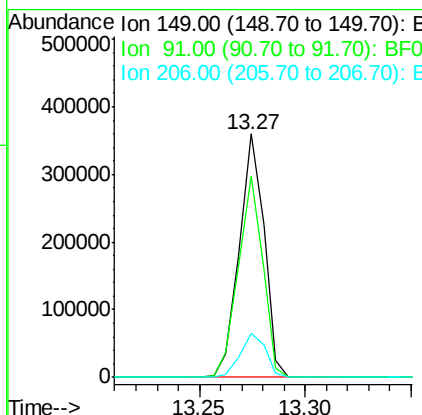
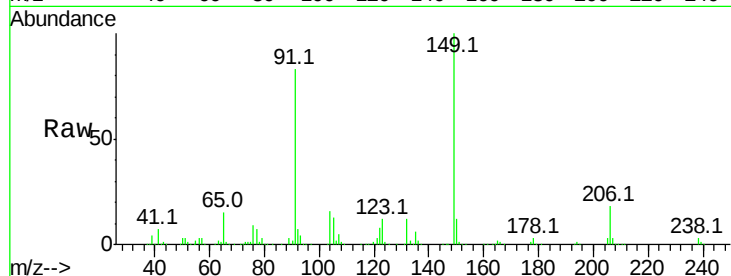




#79
 Butylbenzylphthalate
 Concen: 43.840 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

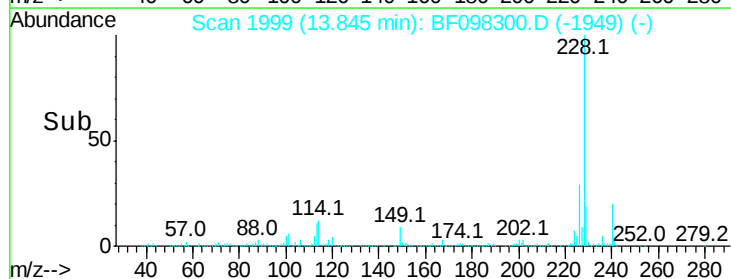
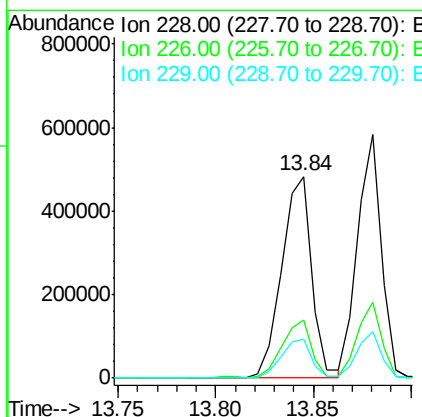
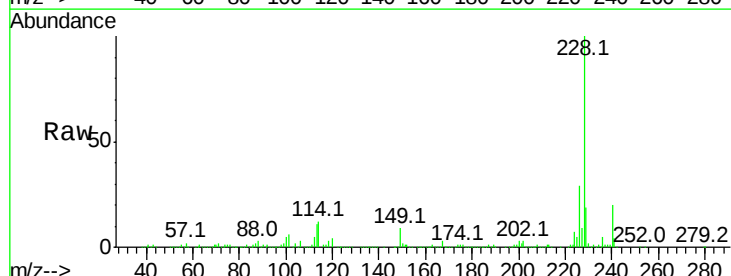
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

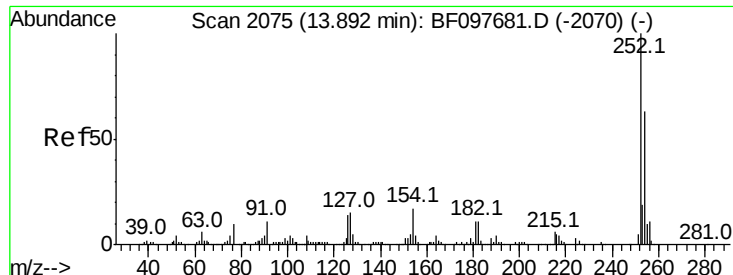
Tot Ion:	149	Resp:	292185
Ion Ratio	Lower	Upper	
149	100		
91	82.8	45.0	67.4#
206	18.2	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 40.325 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

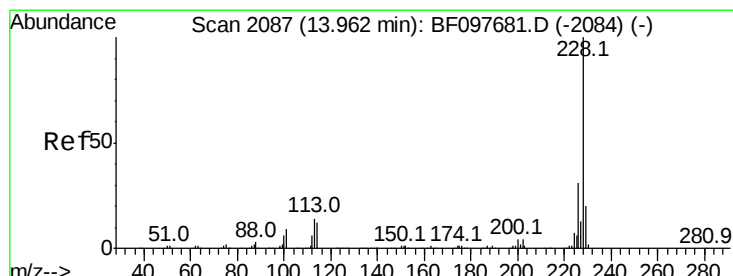
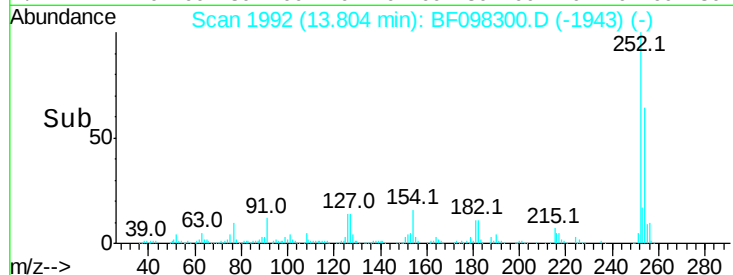
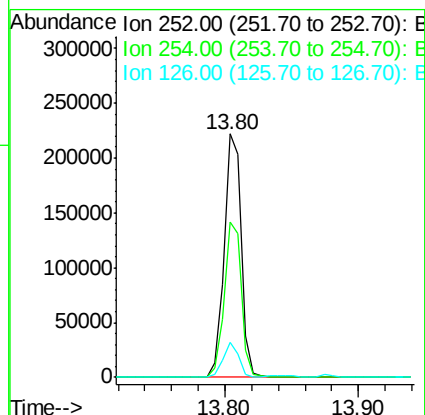
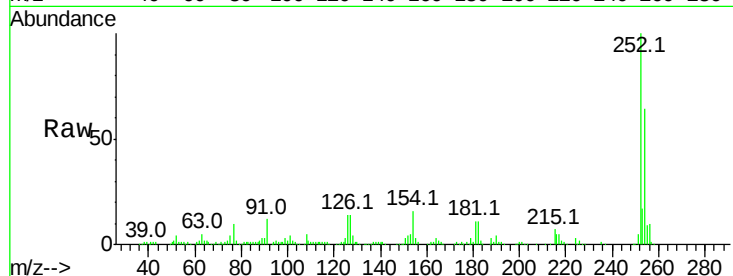




#81
 3,3'-Dichlorobenzidine
 Concen: 46.879 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

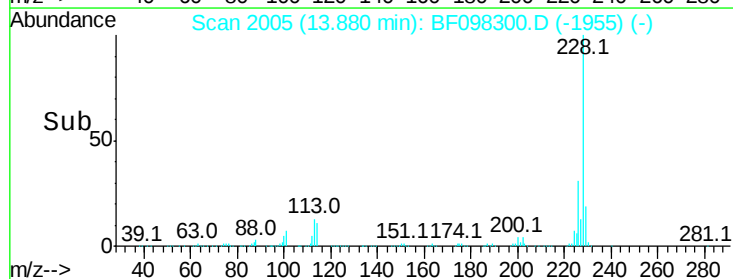
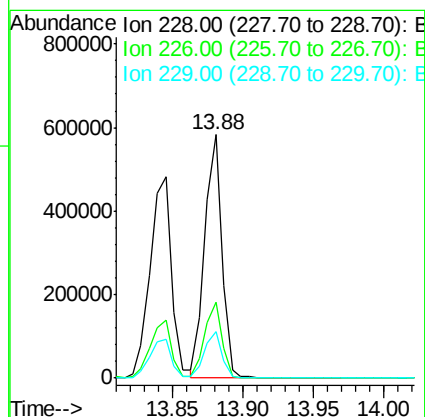
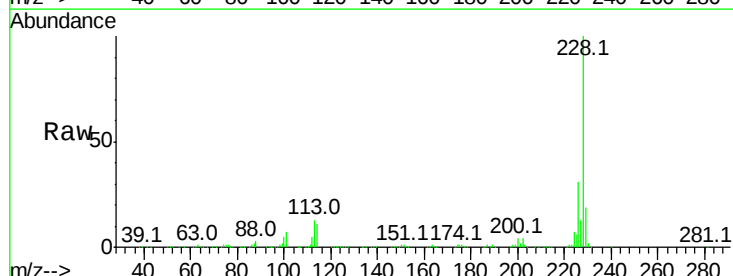
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

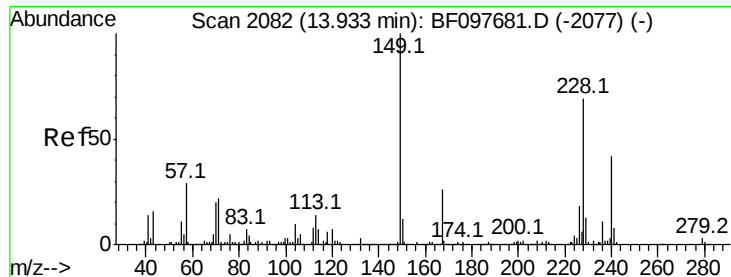
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.3	15.8	23.8#



#82
 Chrysene
 Concen: 39.156 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	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	19.3	15.8	23.6

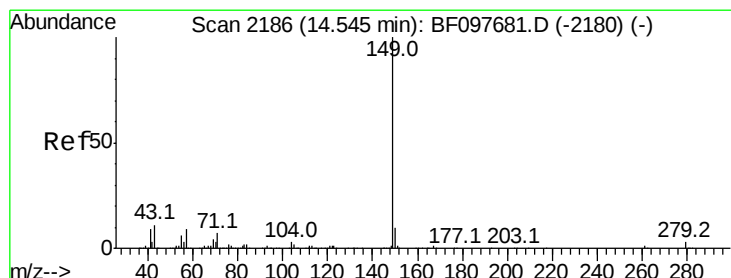
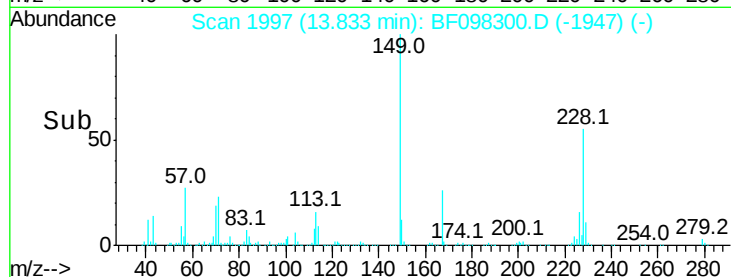
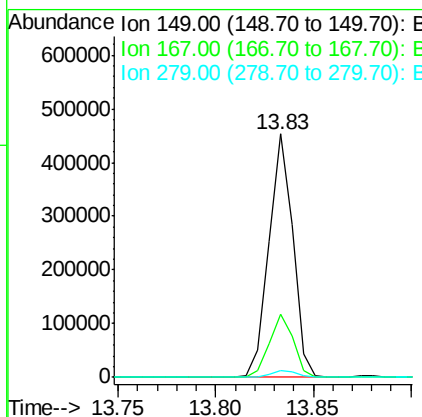
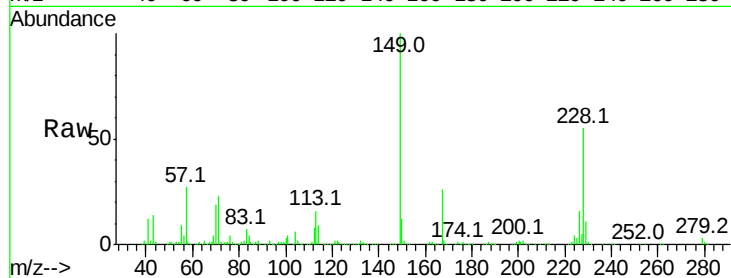




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.435 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098300.D
 Acq: 7 Sep 2017 4:36

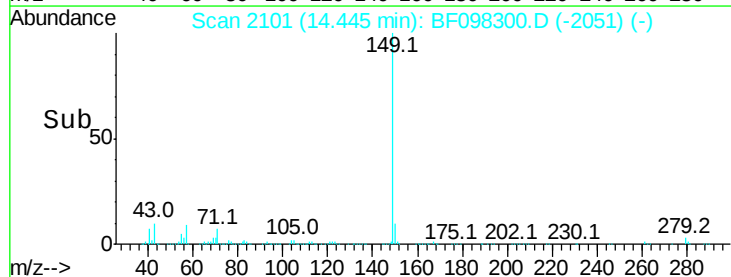
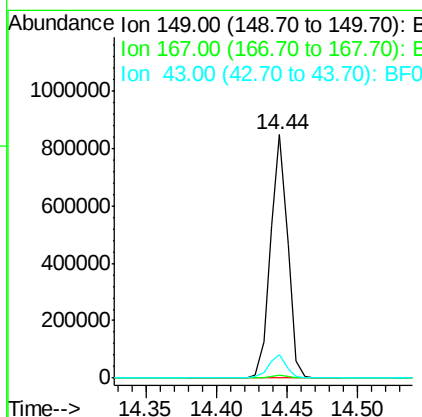
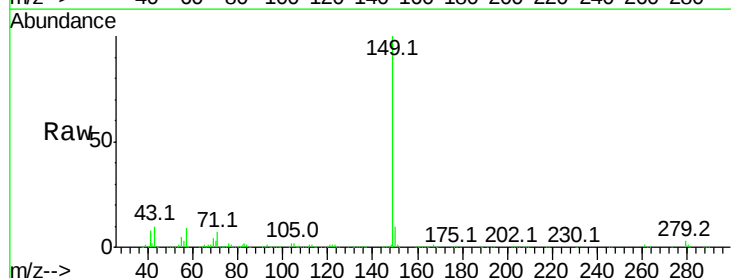
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BS

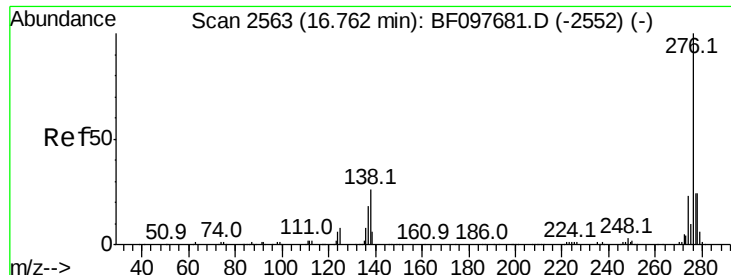
Tot Ion:149 Resp: 387248
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 56.568 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: 36.661 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

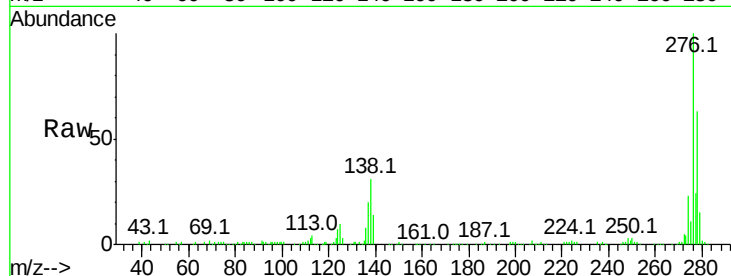
Tot Ion:276 Resp: 341743

Ion Ratio Lower Upper

276 100

138 30.8 27.8 41.6

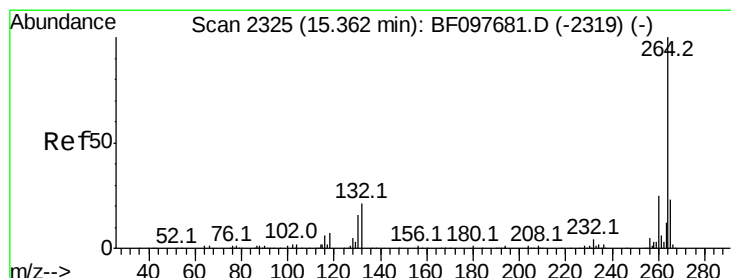
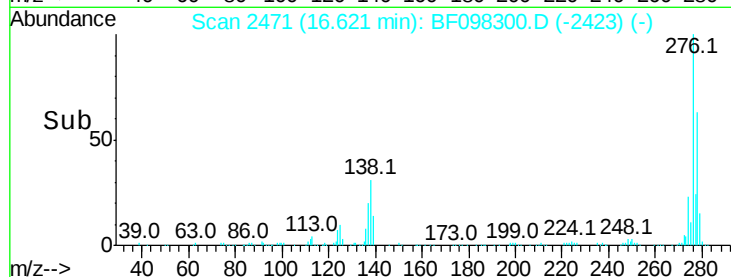
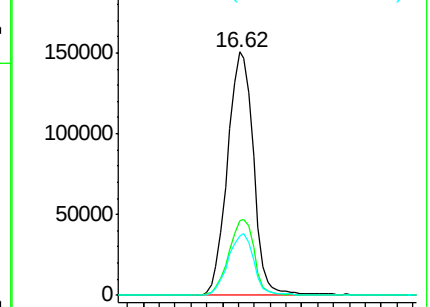
277 25.0 20.2 30.4



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: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

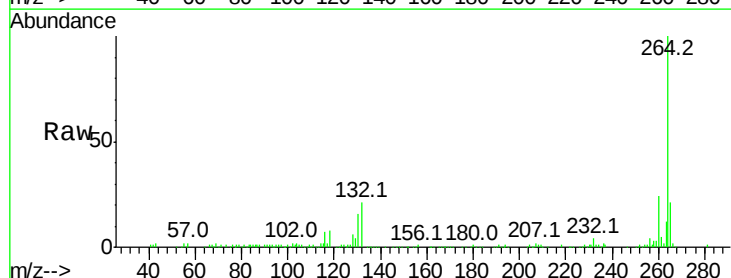
Tgt Ion:264 Resp: 151997

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

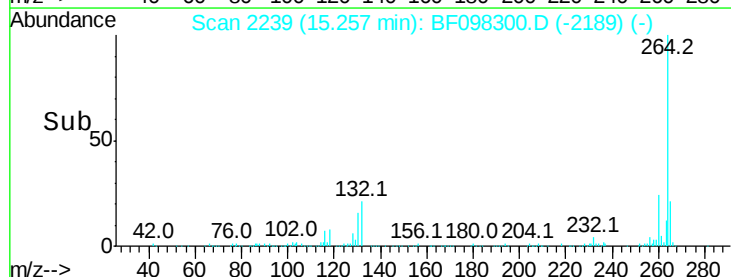
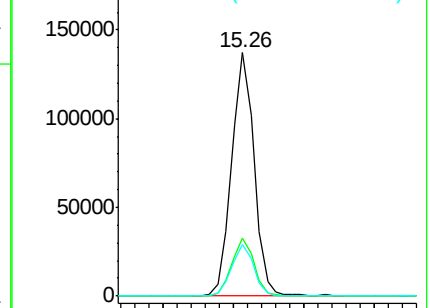
265 21.3 17.2 25.8

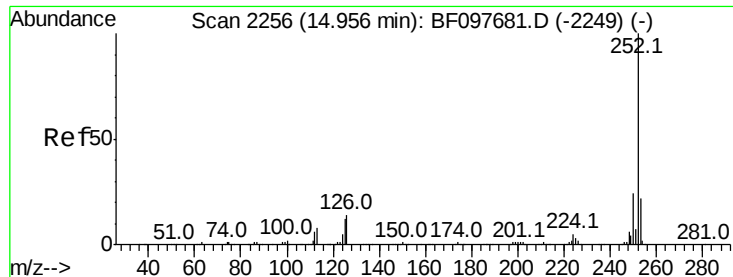


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

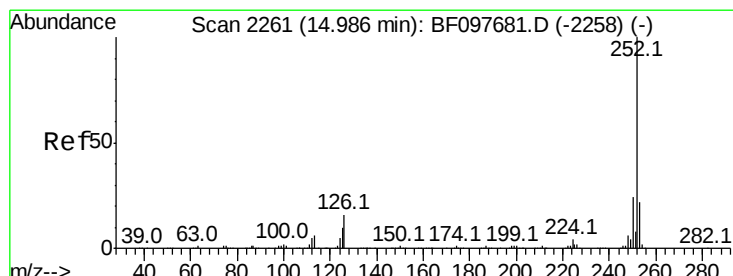
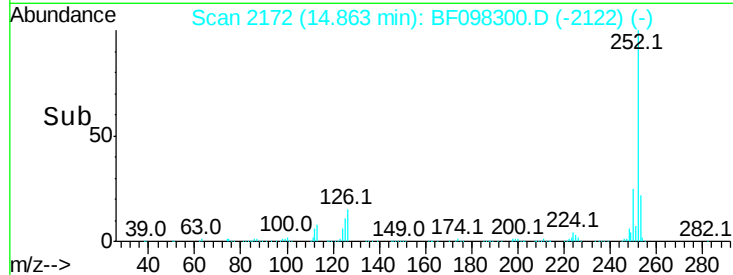
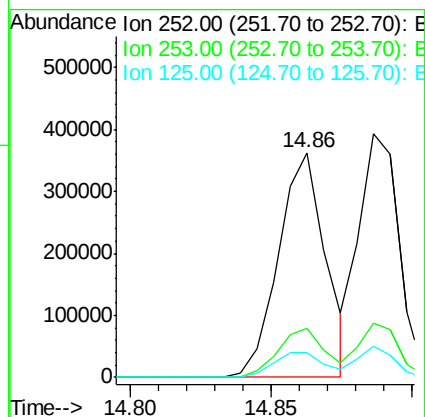
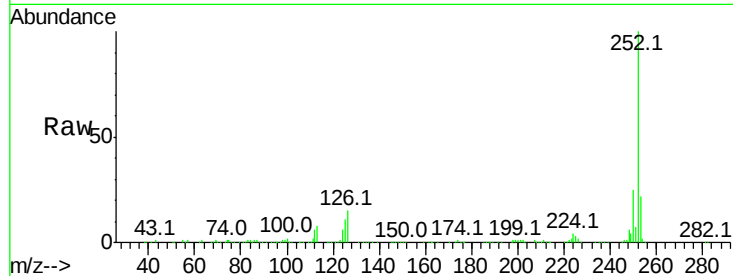




#87
Benzo(b)fluoranthene
Concen: 43.611 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF098300.D
Acq: 7 Sep 2017 4:36

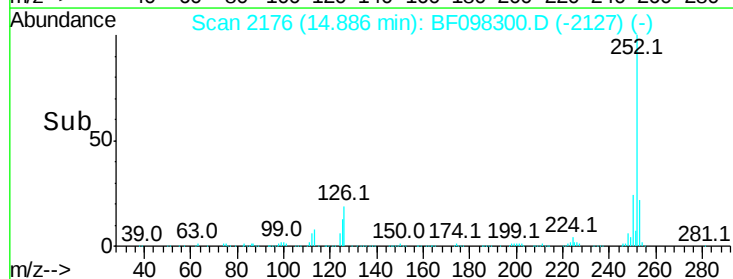
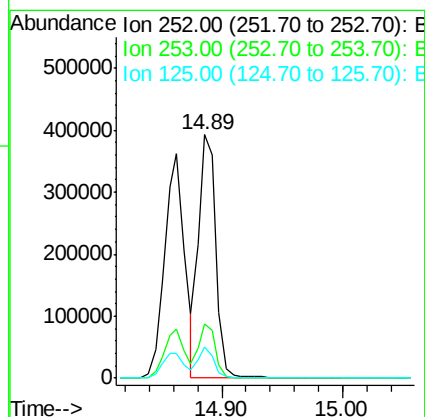
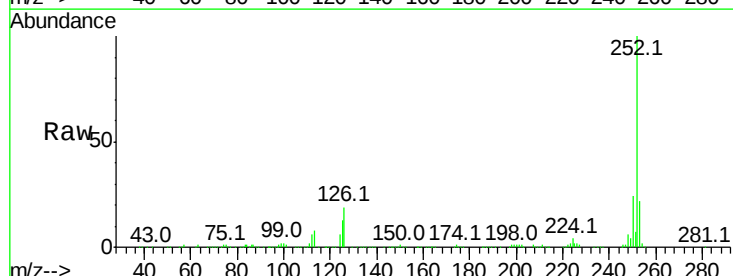
Instrument :
BNA_F
ClientSampleId :
PB102084BS

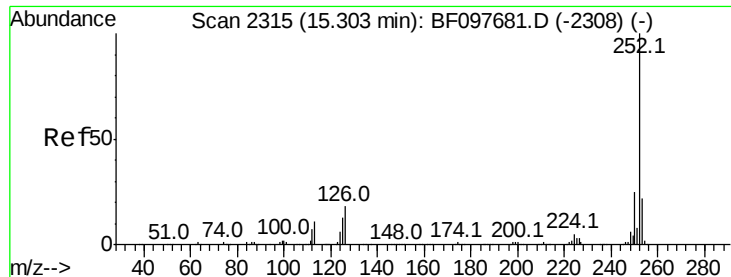
Tot Ion:252 Resp: 417826
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 11.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.361 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#





#89

Benzo(a)pyrene

Concen: 43.822 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

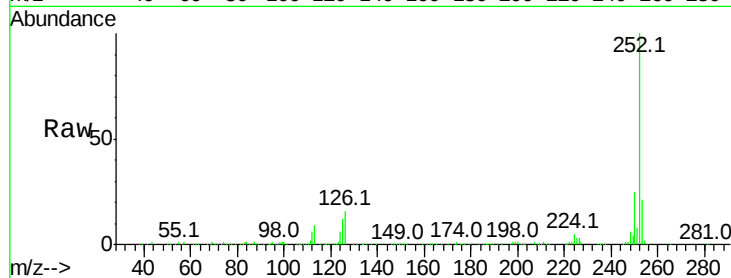
Tot Ion:252 Resp: 371685

Ion Ratio Lower Upper

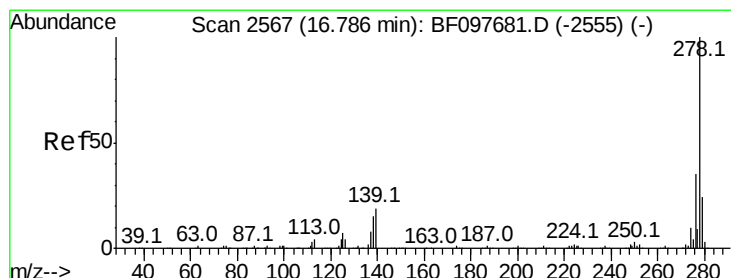
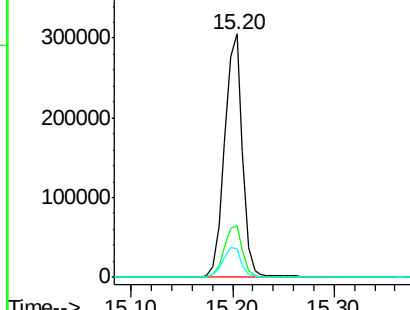
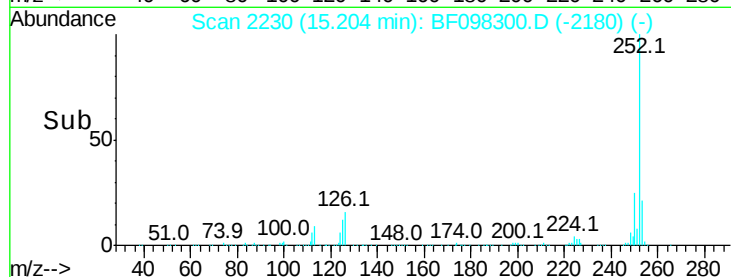
252 100

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: 41.578 ng

RT: 16.63 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BF098300.D

Acq: 7 Sep 2017 4:36

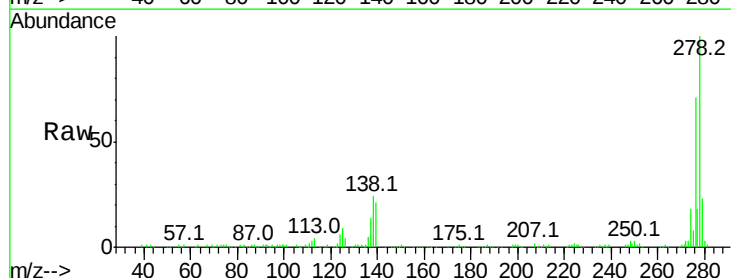
Tgt Ion:278 Resp: 287102

Ion Ratio Lower Upper

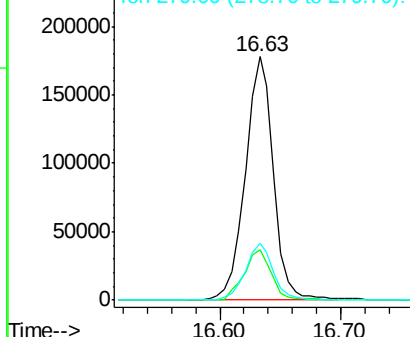
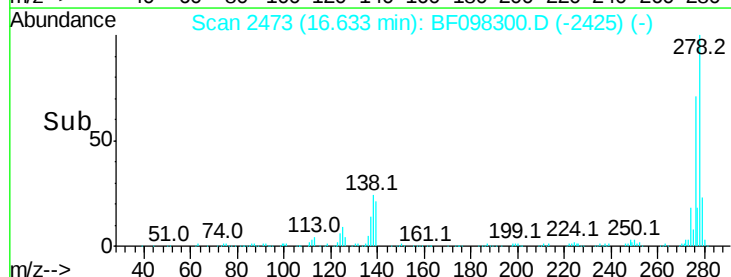
278 100

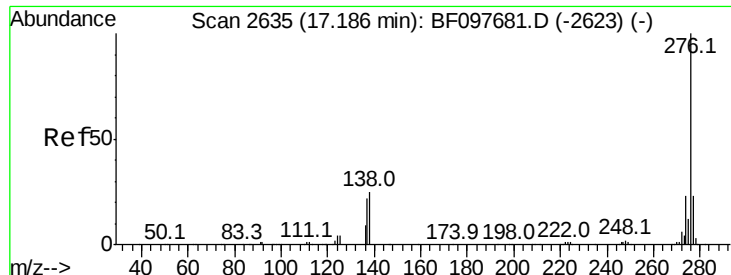
139 20.8 16.6 24.8

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: 39.480 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

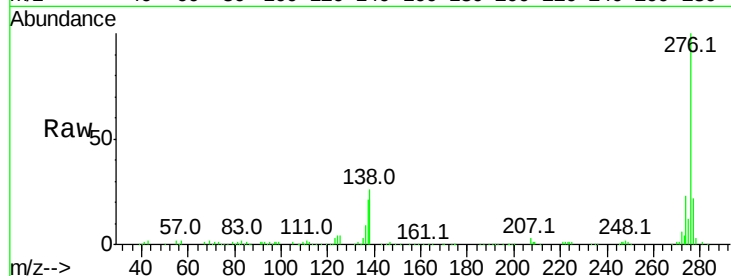
Tot Ion:276 Resp: 284449

Ion Ratio Lower Upper

276 100

277 22.1 18.6 28.0

138 25.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

