

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094903.D
 Acq On : 5 May 2017 7:28
 Operator : SJ/MA
 Sample : I2932-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 08:02:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	83866	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	354849	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	164641	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	290815	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	202942	20.00	ng	-0.02
86) Perylene-d12	20.30	264	180839	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	664182	132.04	ng	0.00
7) Phenol-d6	7.27	99	758976	125.75	ng	0.00
23) Nitrobenzene-d5	8.62	82	520625	92.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.88	330	197529	146.50	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1049501	91.75	ng	-0.01
78) Terphenyl-d14	17.30	244	886708	96.24	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	77721	31.50	ng	96
3) Pyridine	2.82	79	187083	32.72	ng	95
4) n-Nitrosodimethylamine	2.74	42	94669	39.72	ng	93
6) Aniline	7.22	93	176163	23.12	ng	96
8) 2-Chlorophenol	7.42	128	259285	45.29	ng	94
9) Benzaldehyde	7.04	77	37926	10.29	ng	95
10) Phenol	7.29	94	257586	40.50	ng	88
11) bis(2-Chloroethyl)ether	7.36	93	223313	42.53	ng	97
12) 1,3-Dichlorobenzene	7.63	146	251440	38.71	ng	98
13) 1,4-Dichlorobenzene	7.75	146	252902	38.40	ng	97
14) 1,2-Dichlorobenzene	7.98	146	243393	39.59	ng	97
15) Benzyl Alcohol	8.01	79	212198	54.66	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	310036	41.72	ng	74
17) 2-Methylphenol	8.22	107	217701	46.46	ng	95
18) Hexachloroethane	8.51	117	82044	36.77	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	186455	45.68	ng	95
20) 3+4-Methylphenols	8.48	107	285335	44.81	ng	# 60
22) Acetophenone	8.40	105	370792	43.55	ng	# 83
24) Nitrobenzene	8.65	77	257886	43.72	ng	92
25) Isophorone	9.05	82	471339	46.91	ng	95
26) 2-Nitrophenol	9.16	139	147174	46.24	ng	99
27) 2,4-Dimethylphenol	9.30	122	235016	45.67	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	301419	43.36	ng	97
29) 2,4-Dichlorophenol	9.58	162	233910	48.14	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	211365	40.60	ng	98
31) Naphthalene	9.78	128	748088	41.95	ng	100
32) Benzoic acid	9.61	122	128921	39.20	ng	97
33) 4-Chloroaniline	9.93	127	41405	6.23	ng	# 93
34) Hexachlorobutadiene	10.00	225	103640	37.73	ng	98
35) Caprolactam	10.54	113	31984	21.92	ng	89
36) 4-Chloro-3-methylphenol	10.77	107	254916	49.07	ng	89
37) 2-Methylnaphthalene	10.90	142	498153	42.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	210093	41.49	ng	99
40) Hexachlorocyclopentadiene	11.16	237	88568	44.52	ng	99

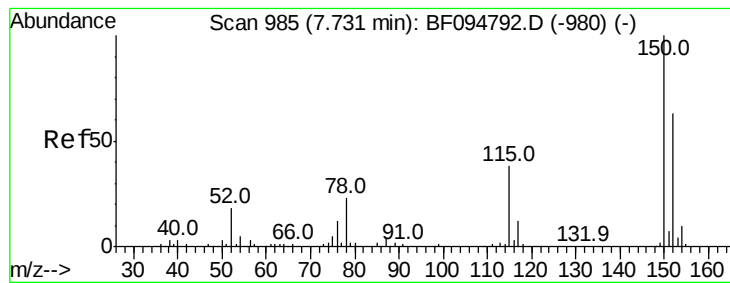
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
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 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	158628	46.92	nq	97
43) 2,4,5-Trichlorophenol	11.48	196	163808	45.08	nq	94
45) 1,1'-Biphenyl	11.67	154	615551	44.41	nq	98
46) 2-Chloronaphthalene	11.68	162	478271	42.73	nq	95
47) 2-Nitroaniline	11.89	65	139402	45.50	nq	# 82
48) Acenaphthylene	12.34	152	777926	44.37	nq	98
49) Dimethylphthalate	12.21	163	610475	45.17	nq	100
50) 2,6-Dinitrotoluene	12.31	165	133665	48.47	nq	94
51) Acenaphthene	12.62	154	478110	45.66	nq	99
52) 3-Nitroaniline	12.57	138	59929	20.25	nq	# 87
53) 2,4-Dinitrophenol	12.77	184	95594	64.27	nq	# 61
54) Dibenzofuran	12.91	168	702042	48.45	nq	97
55) 4-Nitrophenol	12.95	139	165305	92.99	nq	# 70
56) 2,4-Dinitrotoluene	12.97	165	179342	50.62	nq	# 87
57) Fluorene	13.47	166	598511	47.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	129696	56.72	nq	# 92
59) Diethylphthalate	13.37	149	584127	45.09	nq	98
60) 4-Chlorophenyl-phenylether	13.49	204	257772	46.55	nq	90
61) 4-Nitroaniline	13.57	138	121336	44.66	nq	97
62) Azobenzene	13.75	77	551127	52.94	nq	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	69364	35.58	nq	# 70
65) n-Nitrosodiphenylamine	13.70	169	512039	48.51	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	145520	47.36	nq	96
67) Hexachlorobenzene	14.36	284	145671	46.26	nq	# 87
68) Atrazine	14.62	200	146779	49.25	nq	97
69) Pentachlorophenol	14.71	266	129361	90.07	nq	97
70) Phenanthrene	15.01	178	803282	48.07	nq	99
71) Anthracene	15.09	178	840585	49.25	nq	98
72) Carbazole	15.38	167	728945	46.94	nq	97
73) Di-n-butylphthalate	15.95	149	936075	48.33	nq	99
74) Fluoranthene	16.75	202	774298	45.17	nq	98
76) Benzidine	16.97	184	241512	44.55	nq	# 91
77) Pyrene	17.05	202	740634	48.80	nq	99
79) Butylbenzylphthalate	17.96	149	360457	51.06	nq	89
80) Benzo(a)anthracene	18.62	228	566126	47.93	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	153204	37.56	nq	97
82) Chrysene	18.67	228	531860	46.57	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	510996	50.80	nq	# 98
84) Di-n-octyl phthalate	19.47	149	788459	47.81	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	479992	51.75	nq	99
87) Benzo(b)fluoranthene	19.90	252	537919	48.14	nq	99
88) Benzo(k)fluoranthene	19.92	252	488689	45.34	nq	97
89) Benzo(a)pyrene	20.25	252	494025	47.91	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	400351	47.01	nq	99
91) Benzo(g,h,i)perylene	21.96	276	370798	44.37	nq	97

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

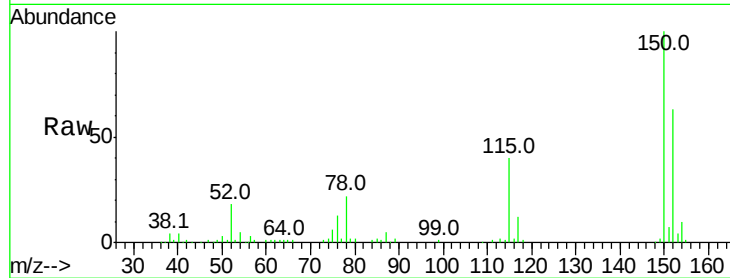


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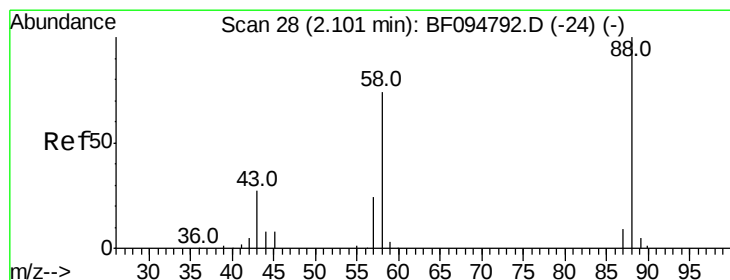
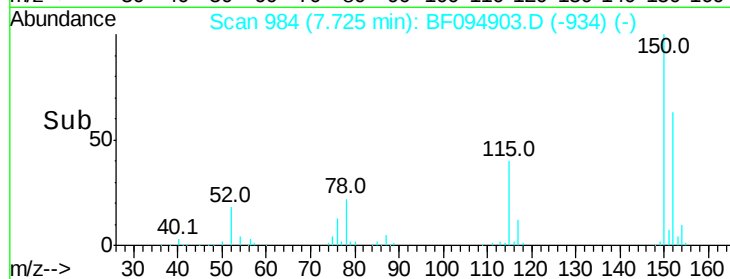
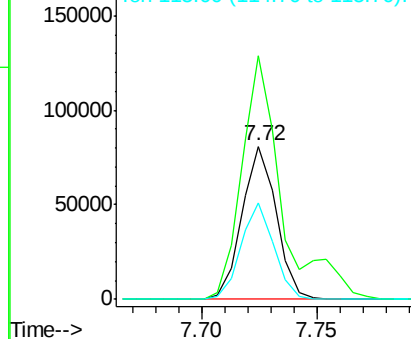
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83866
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 63.0 52.2 78.2



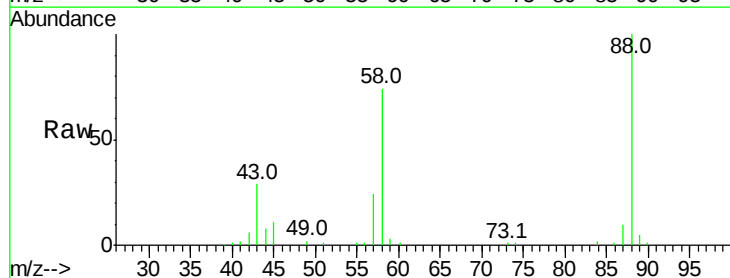
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



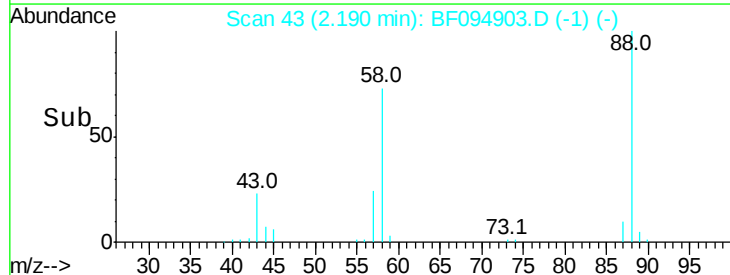
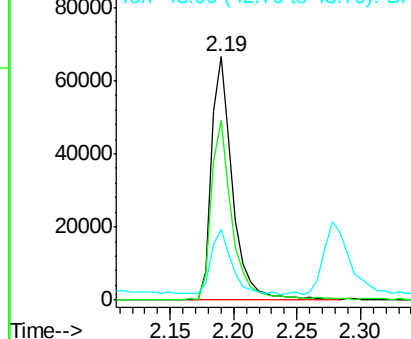
#2

1,4-Dioxane
Concen: 31.50 ng
RT: 2.19 min Scan# 43
Delta R.T. 0.09 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion: 88 Resp: 77721
Ion Ratio Lower Upper
88 100
58 73.1 61.4 92.0
43 26.4 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: 32.72 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.06 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

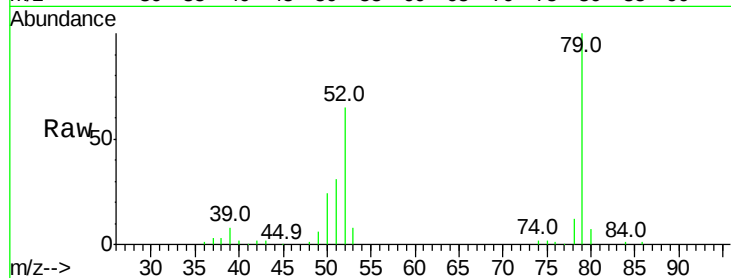
Tot Ion: 79 Resp: 187083

Ion Ratio Lower Upper

79 100

52 65.0 54.8 82.2

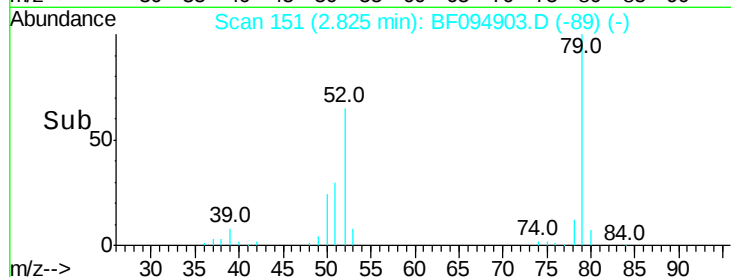
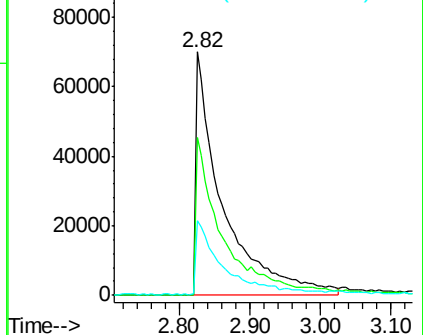
51 30.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.72 ng

RT: 2.74 min Scan# 137

Delta R.T. 0.05 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

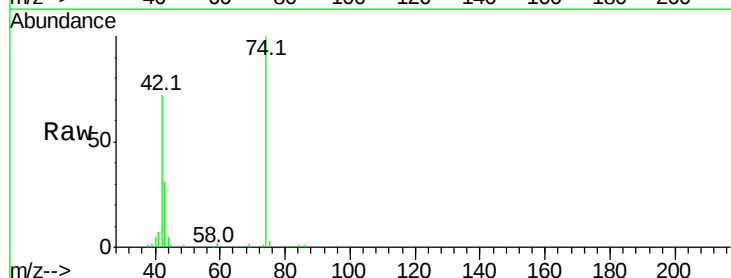
Tgt Ion: 42 Resp: 94669

Ion Ratio Lower Upper

42 100

74 138.8 103.9 155.9

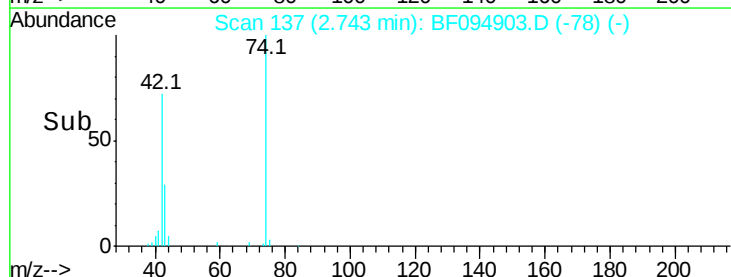
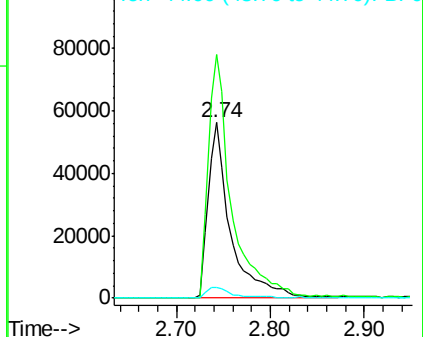
44 6.3 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.04 ng

RT: 5.68 min Scan# 637

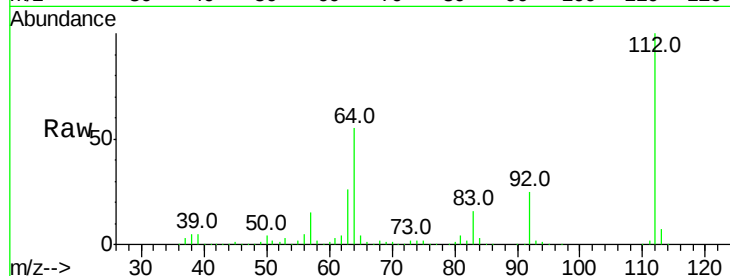
Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampled :

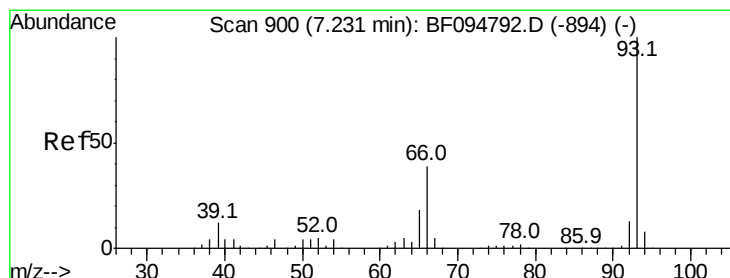
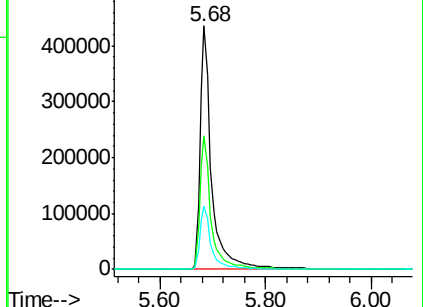
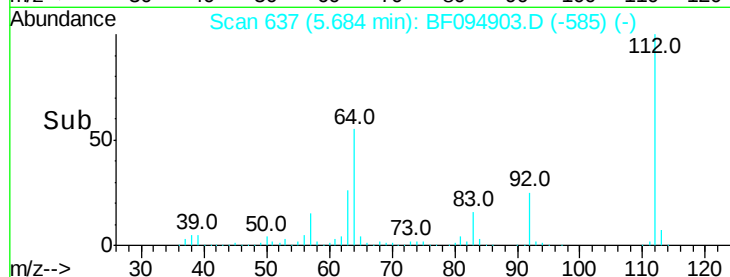
Tot Ion:	112	Resp:	664182
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.12 ng

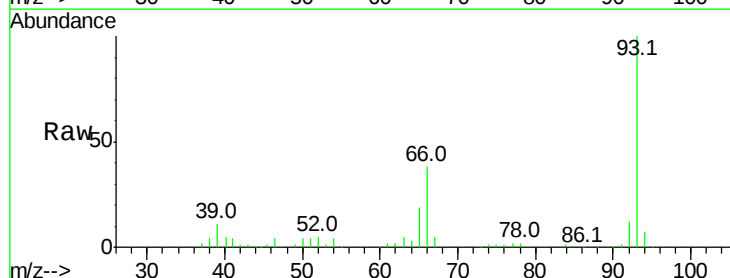
RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

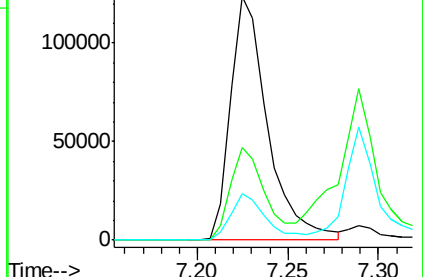
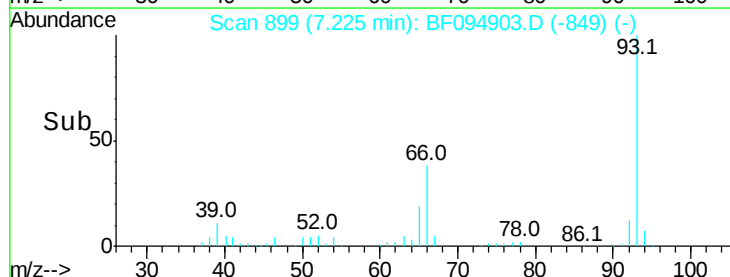
Tgt Ion:	93	Resp:	176163
Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	18.9	16.0	24.0

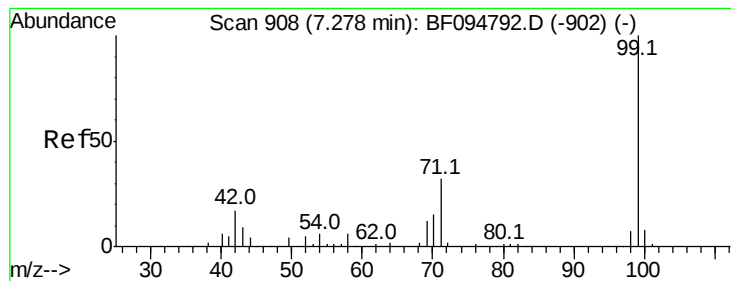


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.75 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

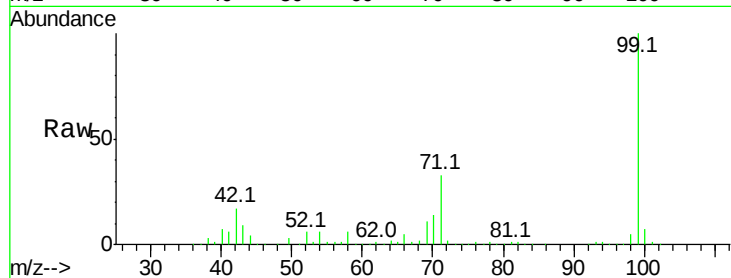
Tot Ion: 99 Resp: 758976

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

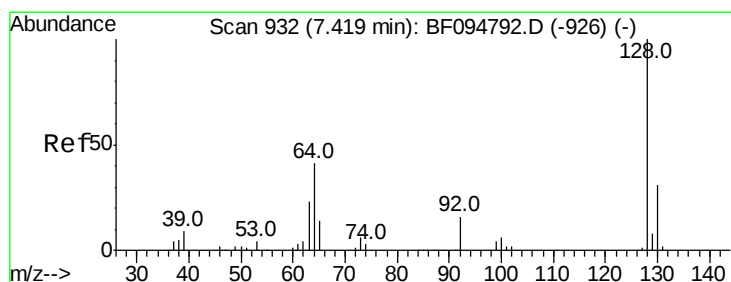
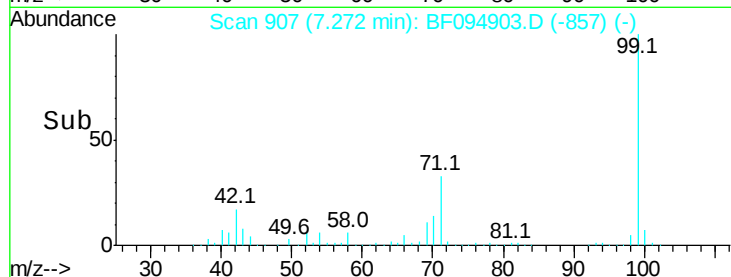
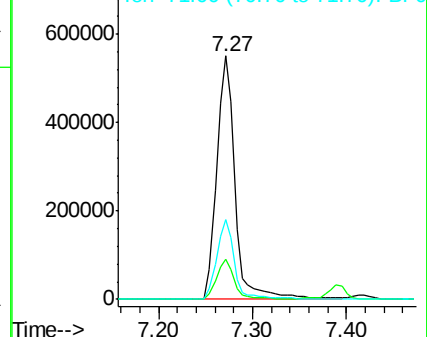
71 32.9 24.5 36.7



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: 45.29 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

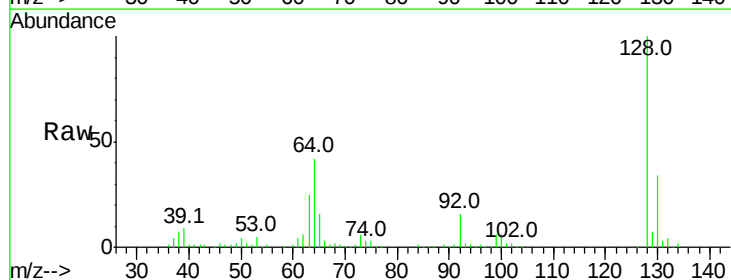
Tgt Ion:128 Resp: 259285

Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

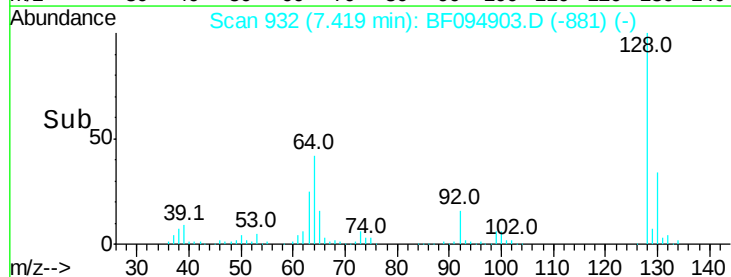
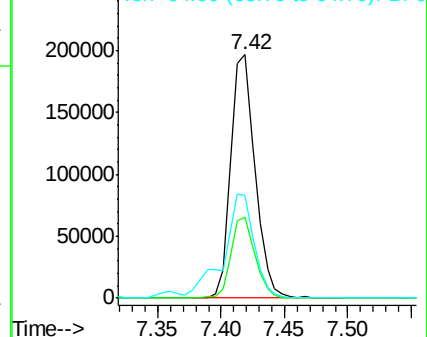
64 42.0 28.4 68.4

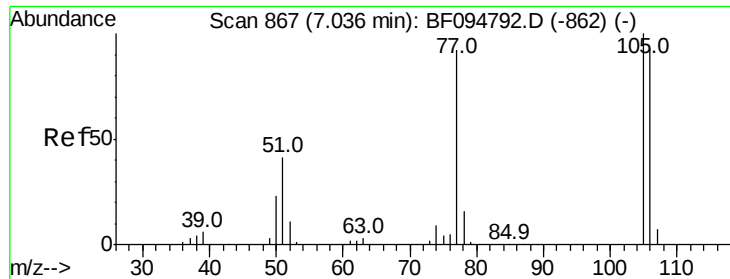


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.29 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

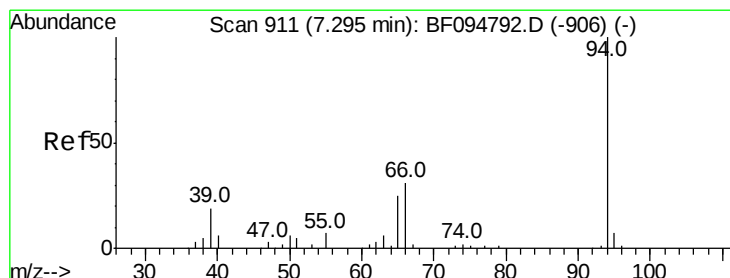
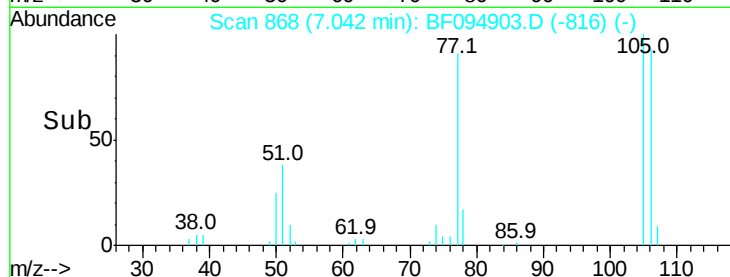
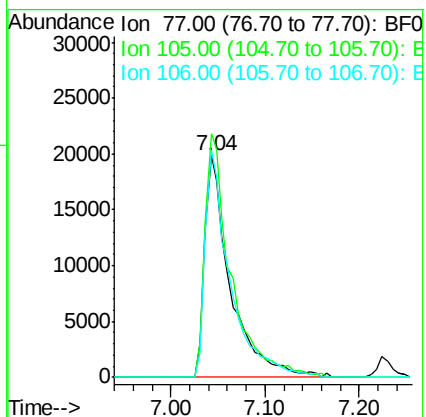
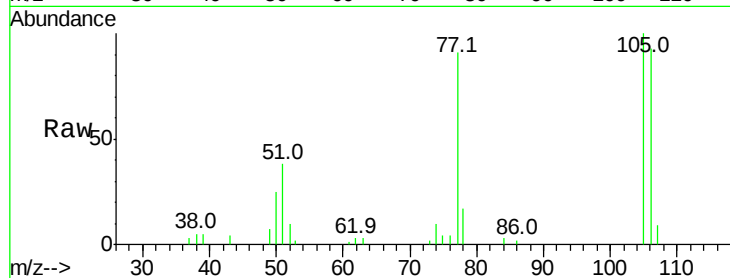
Tot Ion: 77 Resp: 37926

Ion Ratio Lower Upper

77 100

105 109.8 83.8 123.8

106 102.4 79.1 119.1



#10

Phenol

Concen: 40.50 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

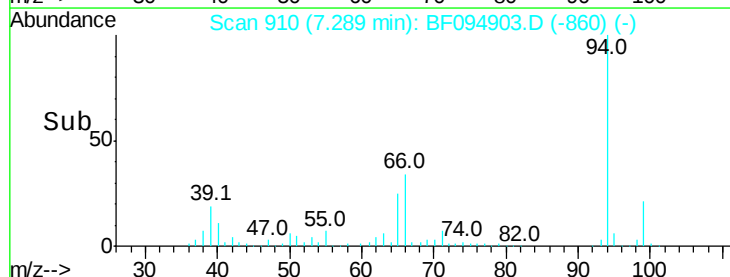
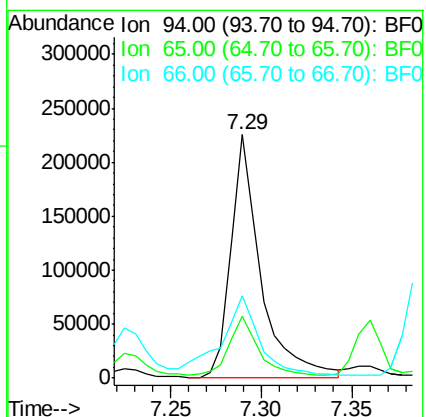
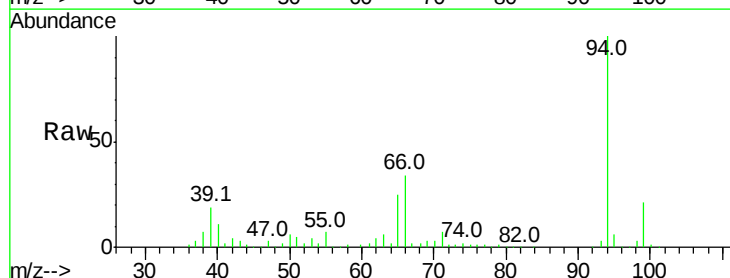
Tgt Ion: 94 Resp: 257586

Ion Ratio Lower Upper

94 100

65 25.5 9.9 49.9

66 34.0 23.1 63.1

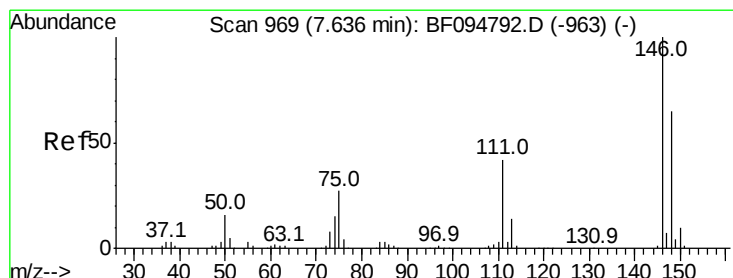
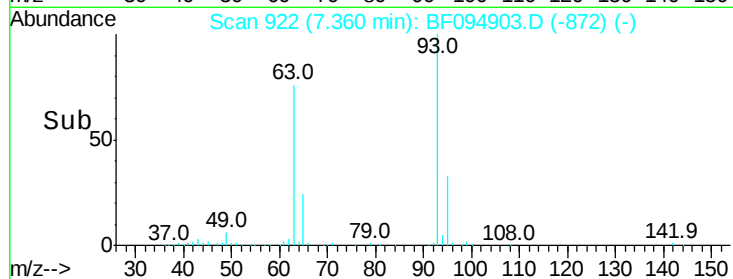
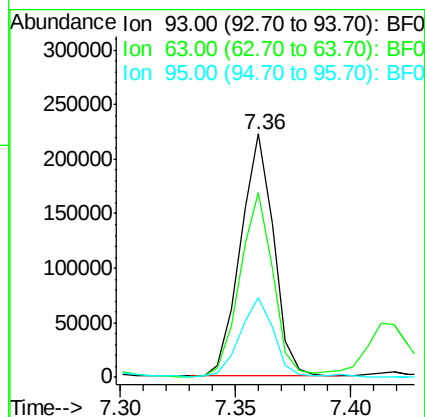
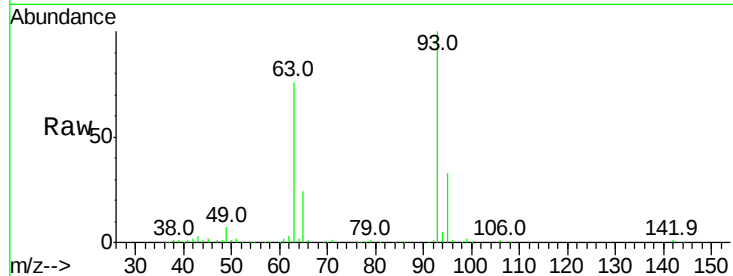




#11
bis(2-Chloroethyl)ether
Concen: 42.53 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

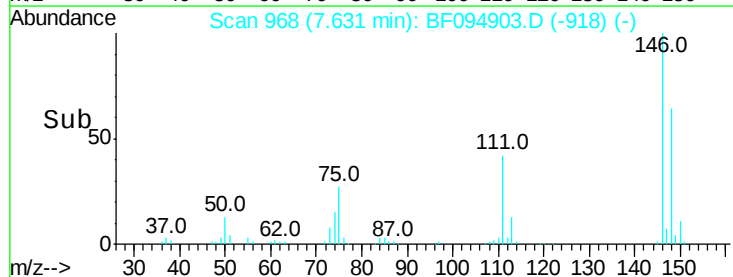
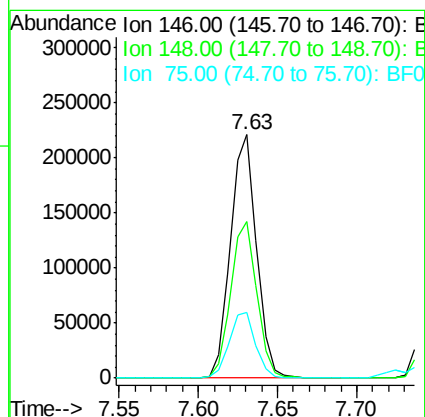
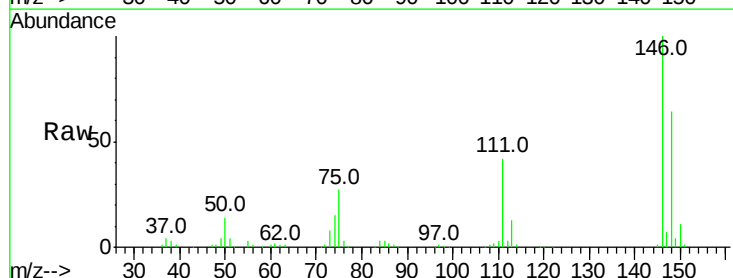
Instrument :
BNA_F
ClientSampled :

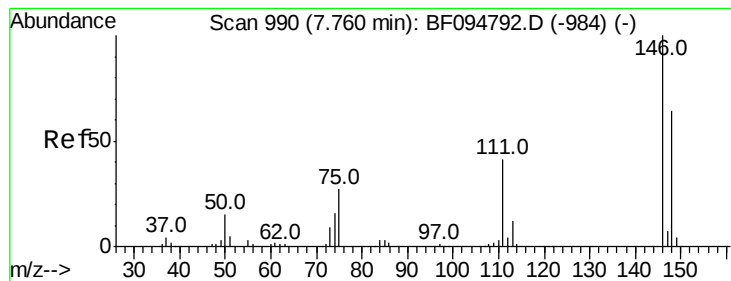
Tot Ion: 93 Resp: 223313
Ion Ratio Lower Upper
93 100
63 75.8 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.71 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion: 146 Resp: 251440
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 26.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.40 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

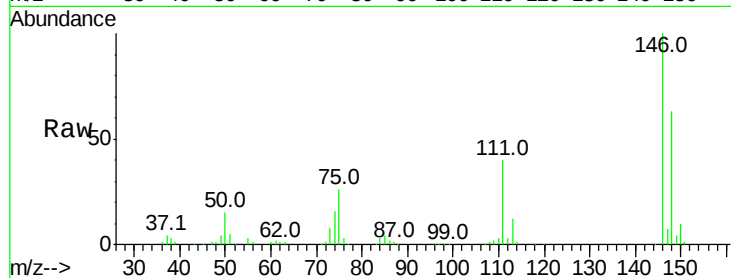
Tot Ion:146 Resp: 252902

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

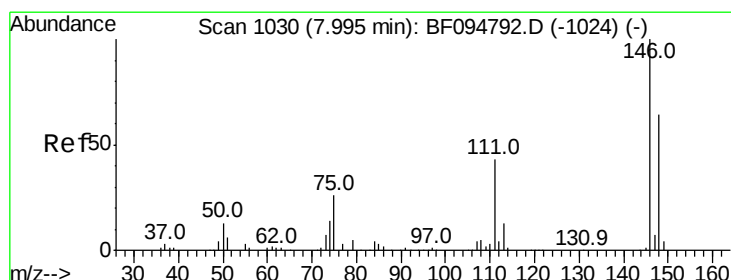
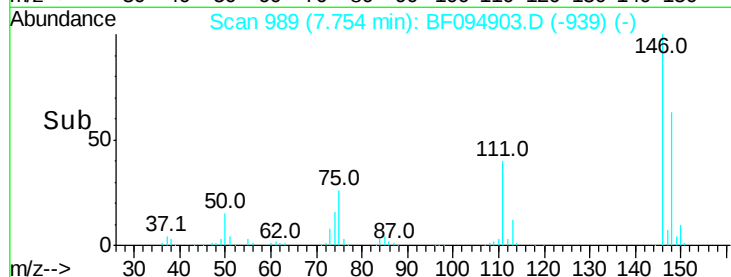
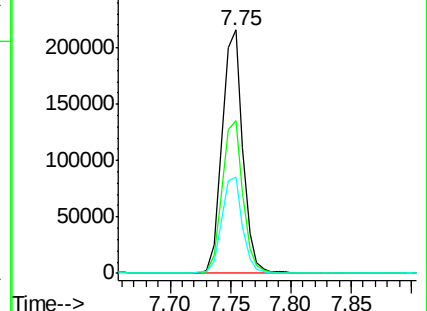
111 39.5 30.3 45.5



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: 39.59 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

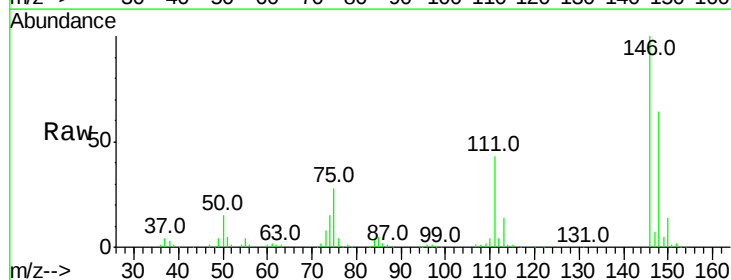
Tgt Ion:146 Resp: 243393

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

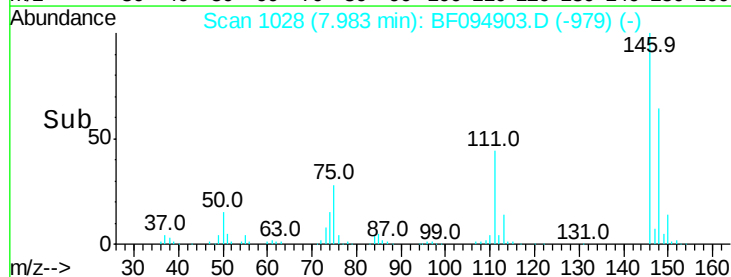
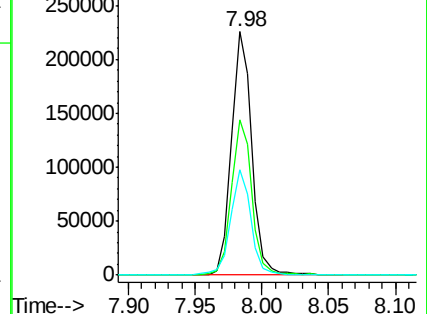
111 43.5 38.2 57.4

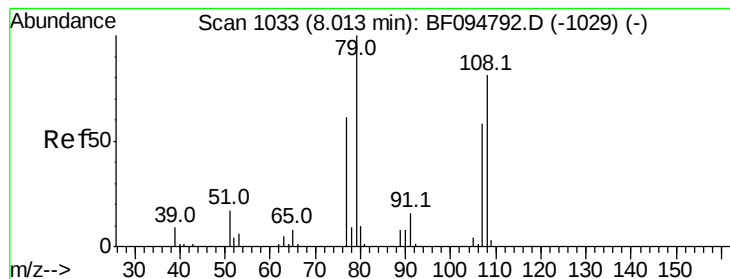


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.66 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

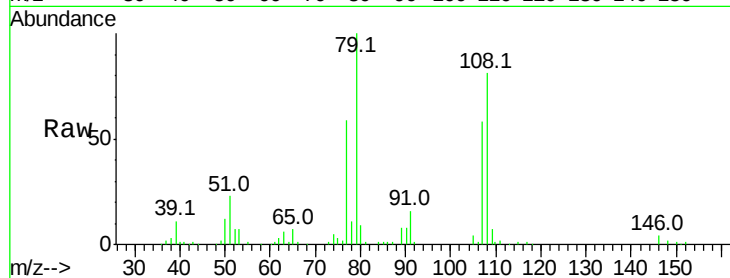
Tot Ion: 79 Resp: 212198

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

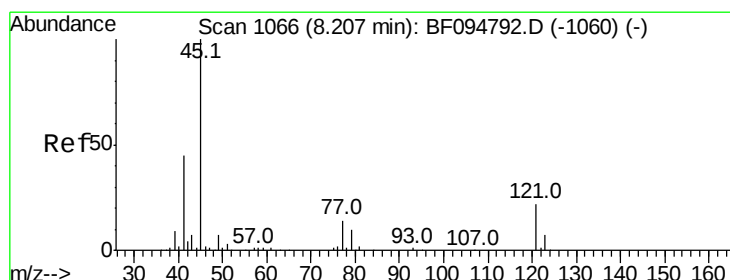
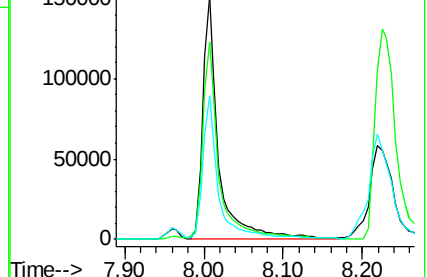
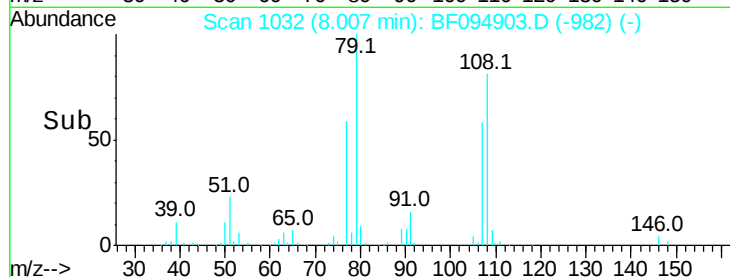
77 58.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.72 ng

RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

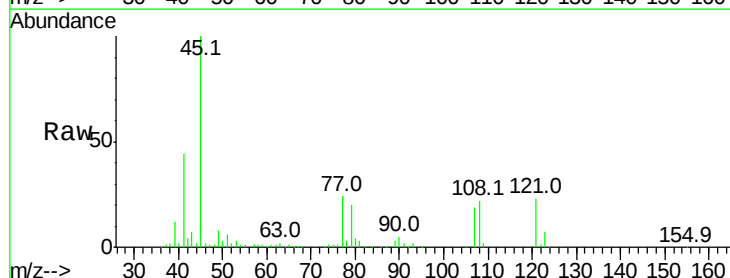
Tgt Ion: 45 Resp: 310036

Ion Ratio Lower Upper

45 100

77 23.5 0.0 33.2

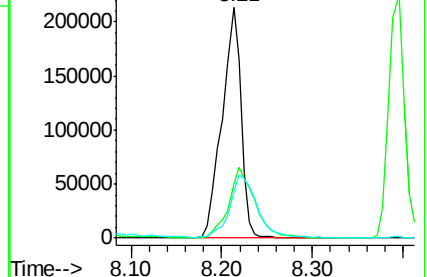
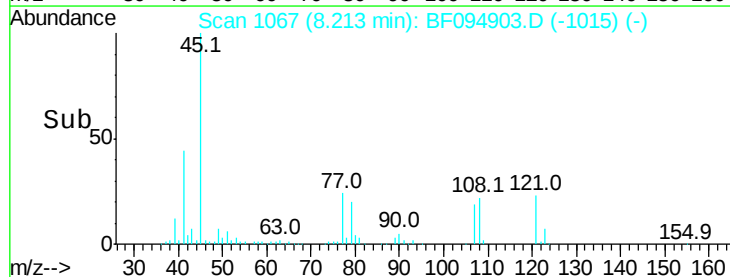
79 20.1 0.0 30.0

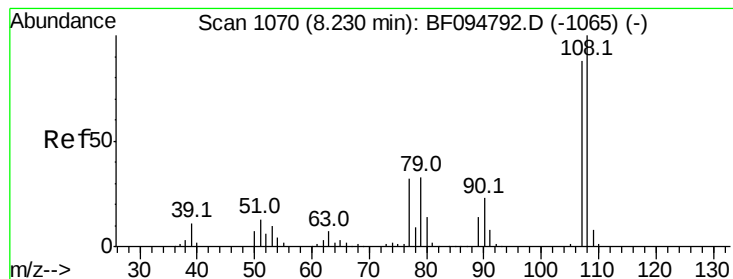


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 46.46 ng

RT: 8.22 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 217701

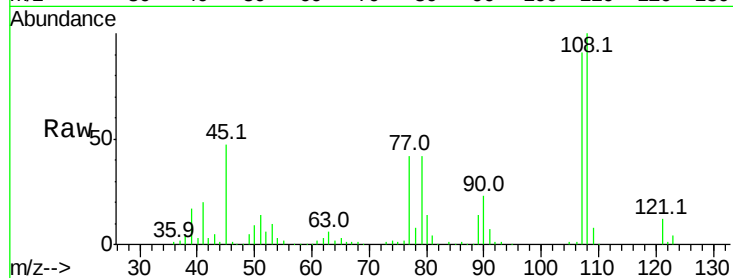
Ion Ratio Lower Upper

107 100

108 110.3 93.4 140.0

77 46.4 35.8 53.6

79 46.8 34.8 52.2

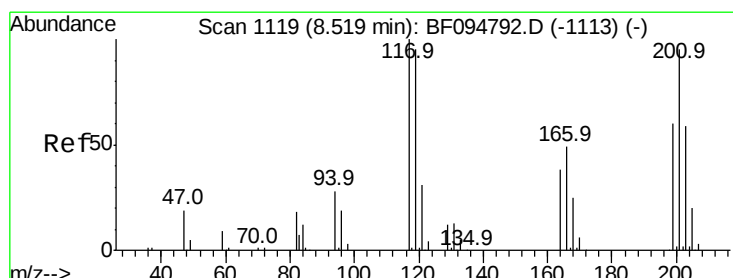
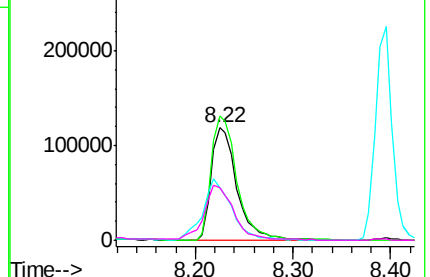
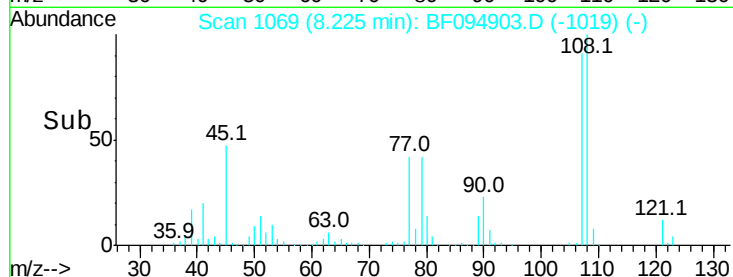


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.77 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

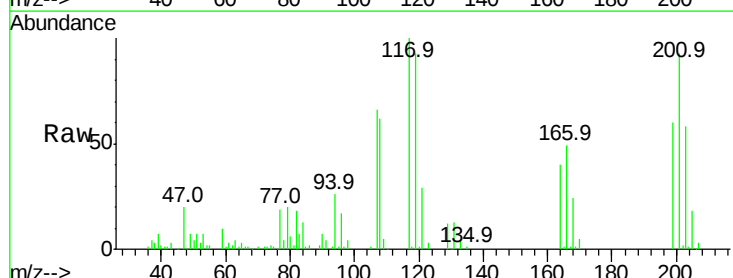
Tgt Ion:117 Resp: 82044

Ion Ratio Lower Upper

117 100

119 92.7 77.4 116.0

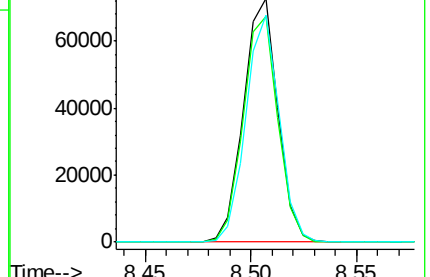
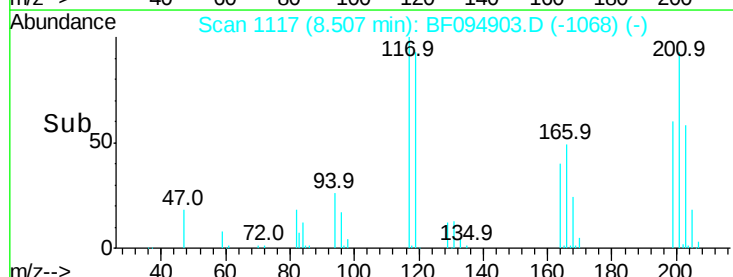
201 93.5 94.6 141.8#

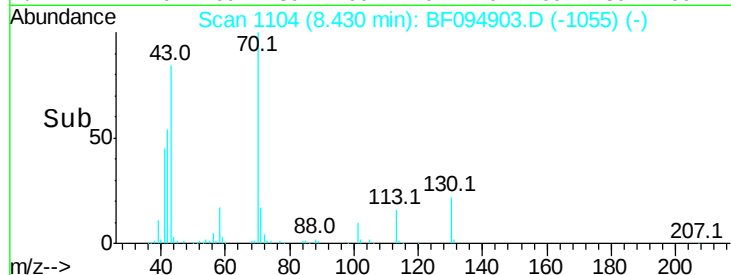
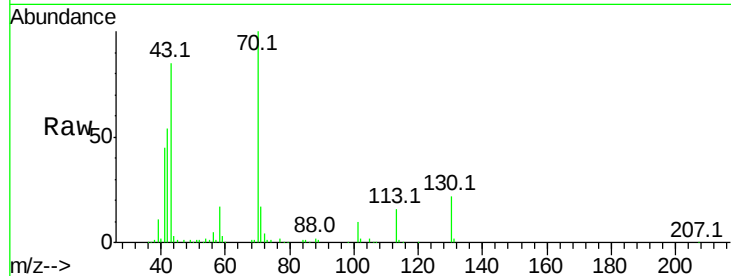
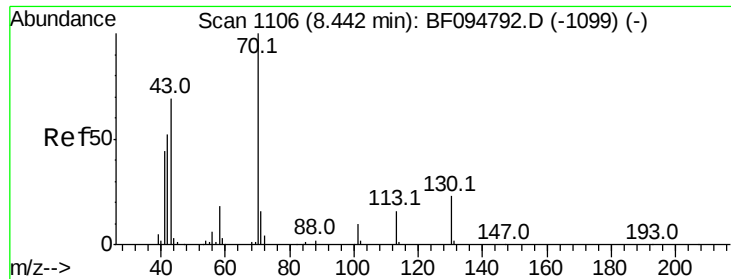


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

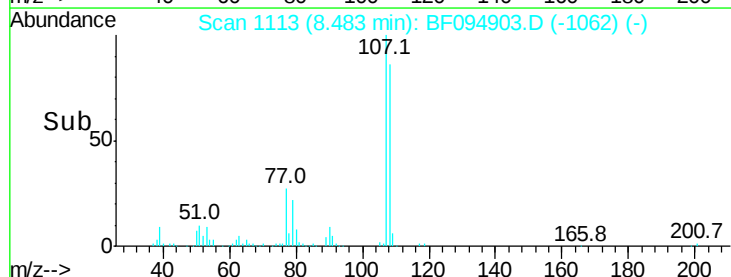
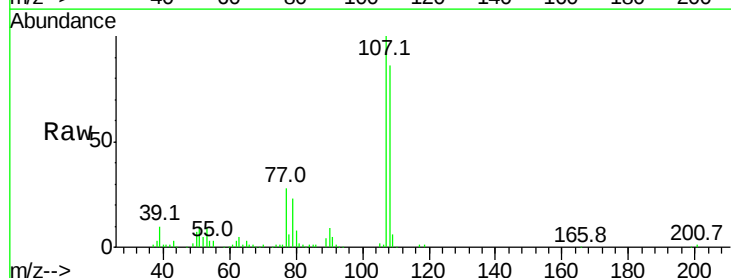
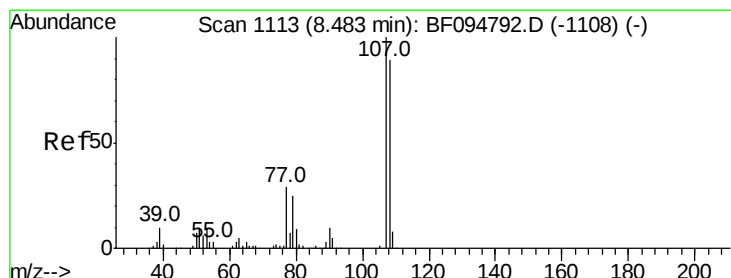
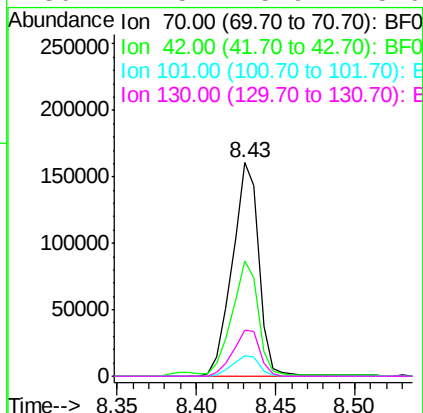




#19
n-Nitroso-di-n-propylamine
Concen: 45.68 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

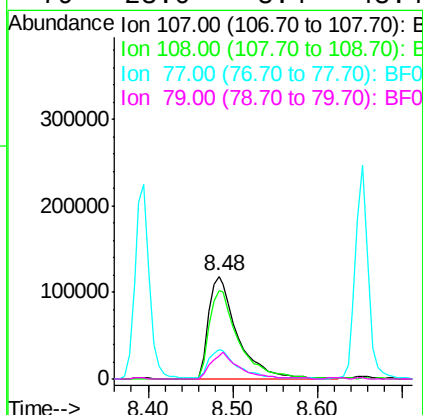
Instrument :
BNA_F
ClientSampleId :

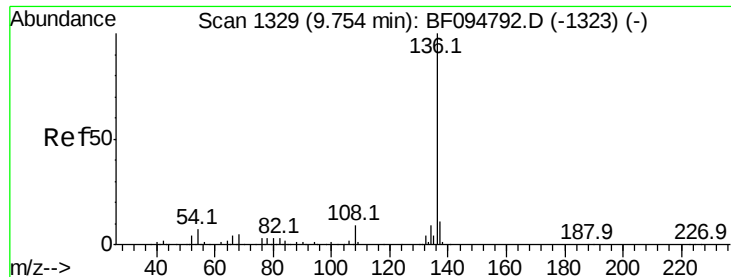
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.2	70.8
101	9.8	7.2	10.8
130	21.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.81 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.0	111.0
77	28.4	90.5	130.5#
79	23.0	8.4	48.4

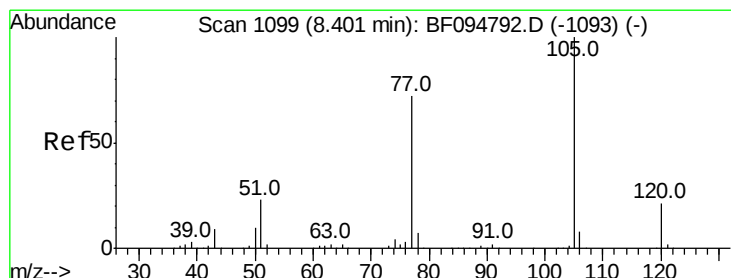
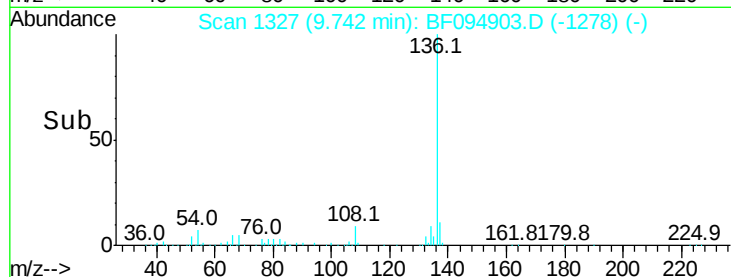
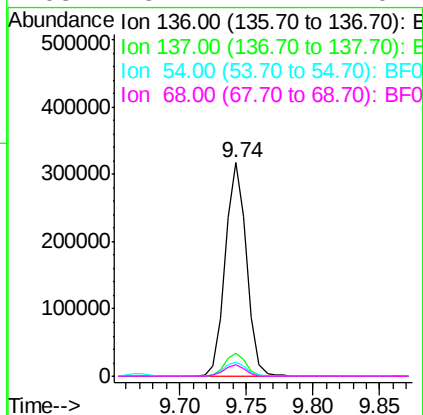
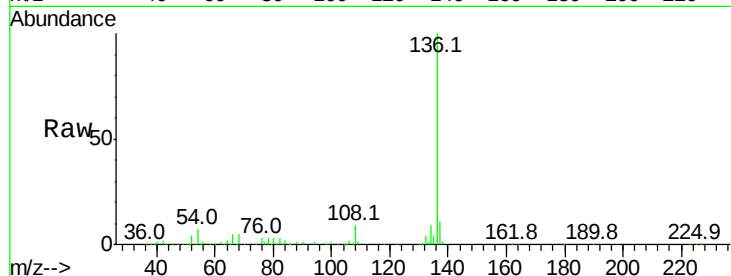




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

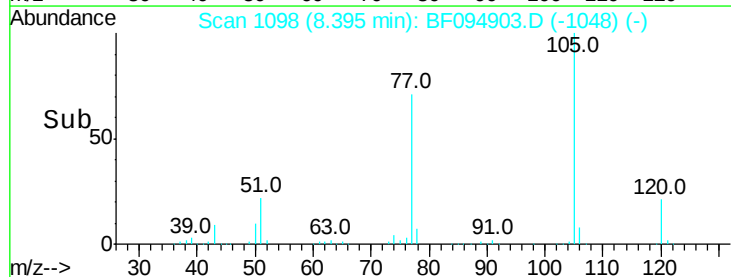
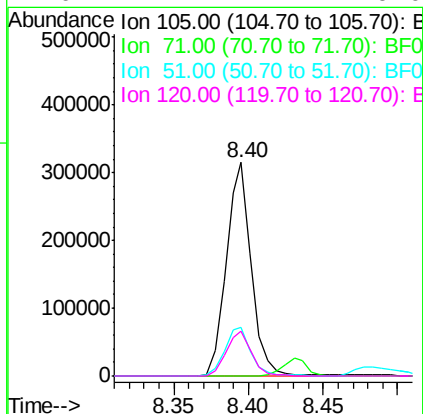
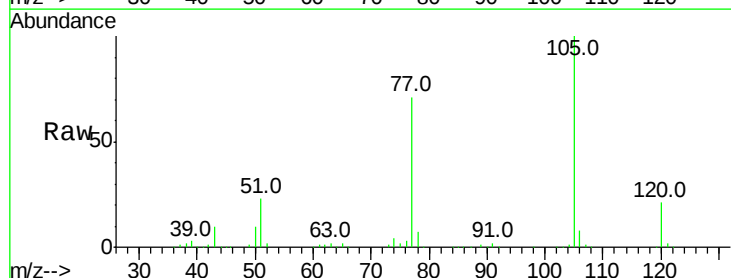
Instrument :
BNA_F
ClientSampled :

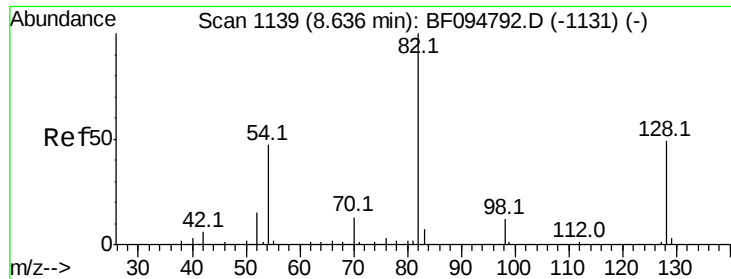
Tot Ion:	136	Resp:	354849
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.5	4.9	7.3
68	5.4	4.1	6.1



#22
Acetophenone
Concen: 43.55 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:	105	Resp:	370792
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	22.5	30.7	46.1#
120	21.1	17.4	26.0

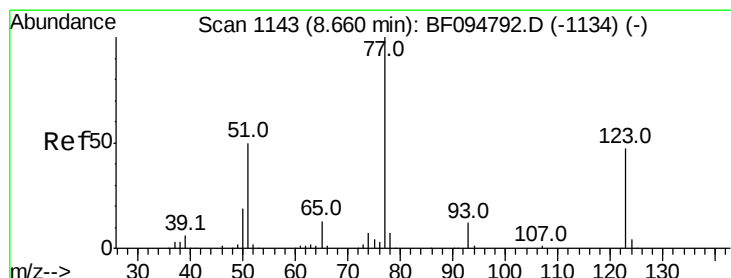
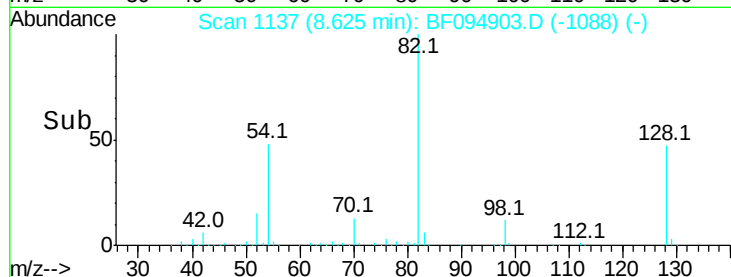
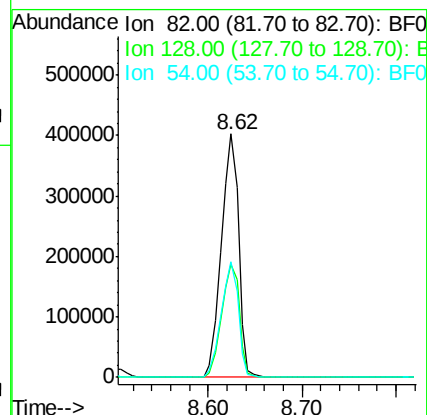
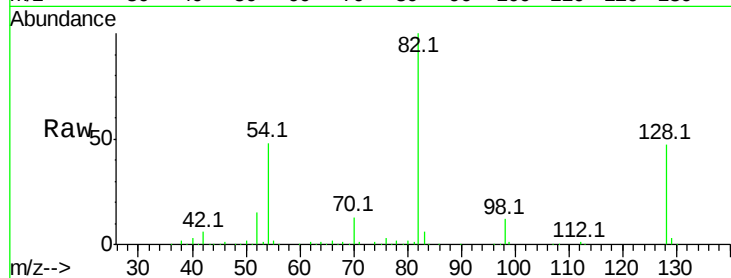




#23
 Nitrobenzene-d5
 Concen: 92.52 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

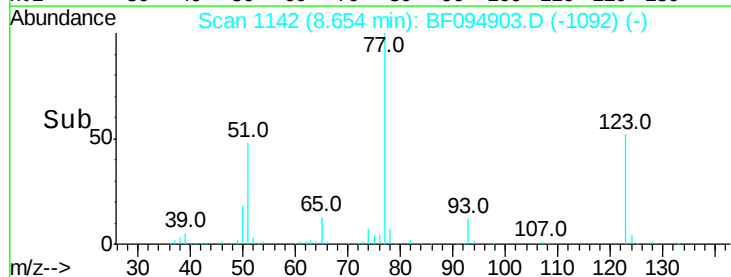
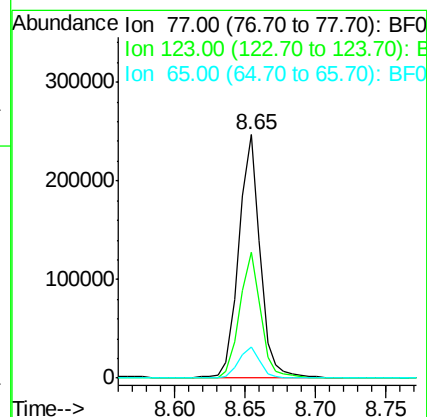
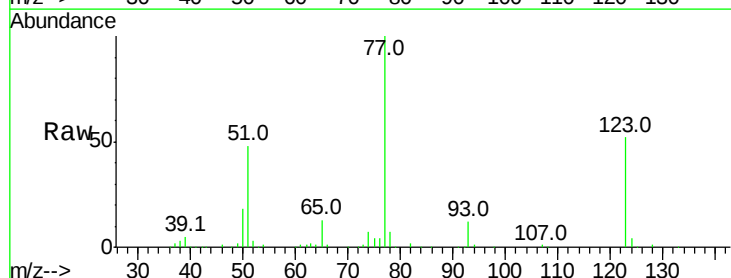
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 520625
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 47.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 43.72 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion: 77 Resp: 257886
 Ion Ratio Lower Upper
 77 100
 123 51.7 35.8 53.8
 65 12.9 10.6 15.8

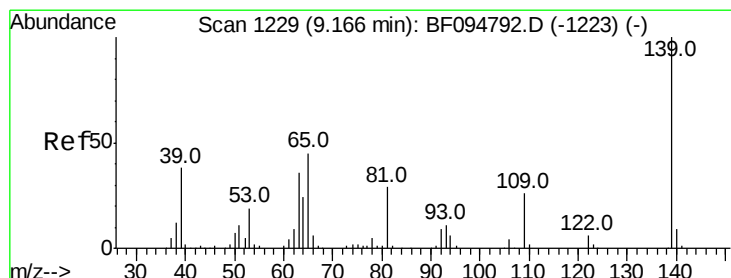
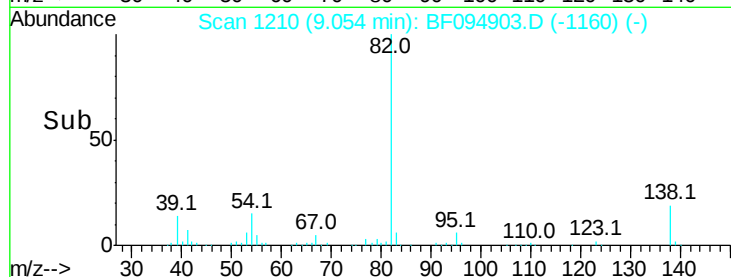
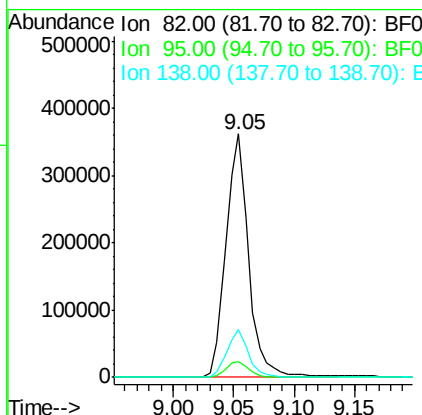
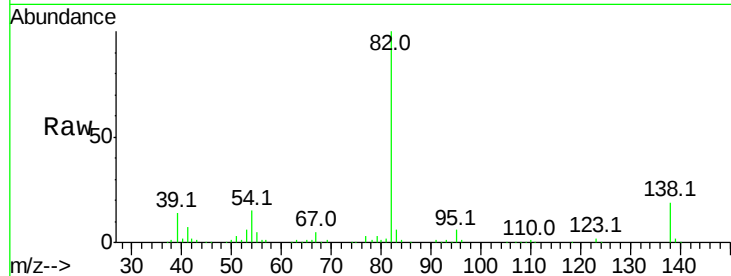




#25
Isophorone
Concen: 46.91 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

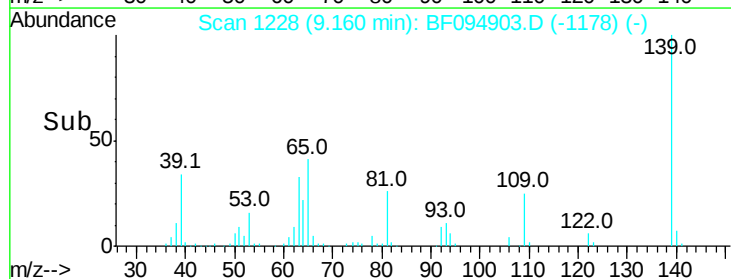
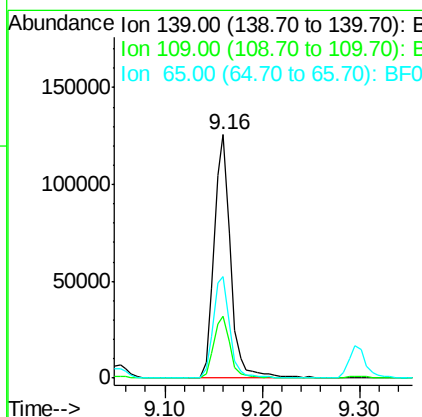
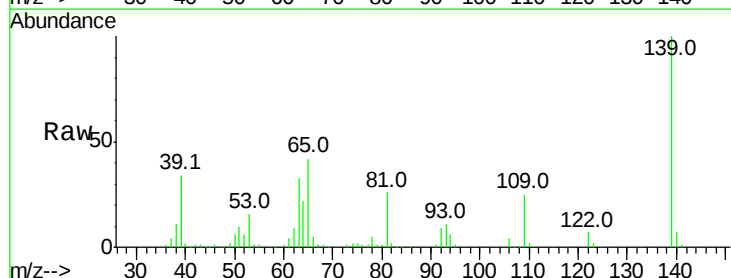
Instrument :
BNA_F
ClientSampleId :

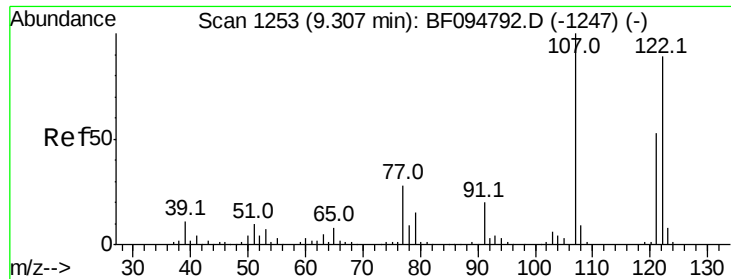
Tot Ion: 82 Resp: 471339
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 19.4 13.1 19.7



#26
2-Nitrophenol
Concen: 46.24 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion: 139 Resp: 147174
Ion Ratio Lower Upper
139 100
109 25.4 21.0 31.6
65 41.7 33.0 49.6

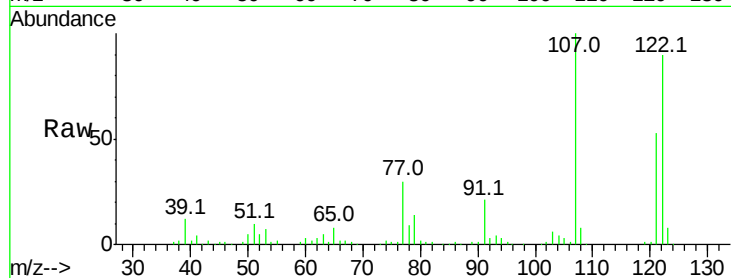




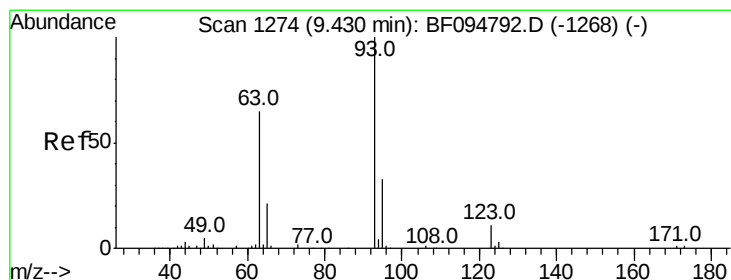
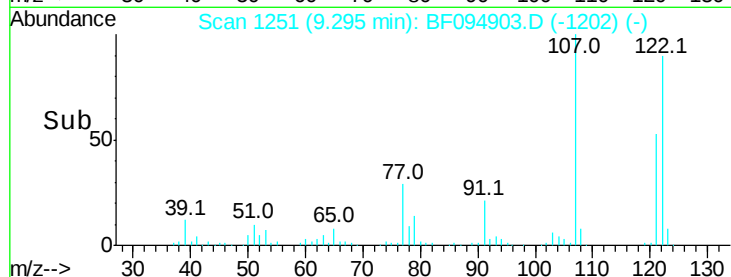
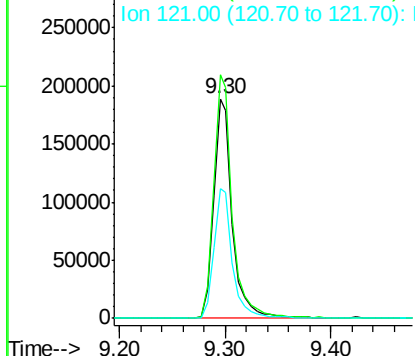
#27
 2,4-Dimethylphenol
 Concen: 45.67 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 235016
 Ion Ratio Lower Upper
 122 100
 107 111.0 89.2 133.8
 121 59.3 45.2 67.8

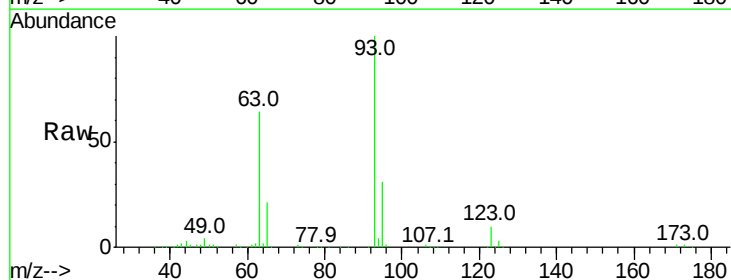


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

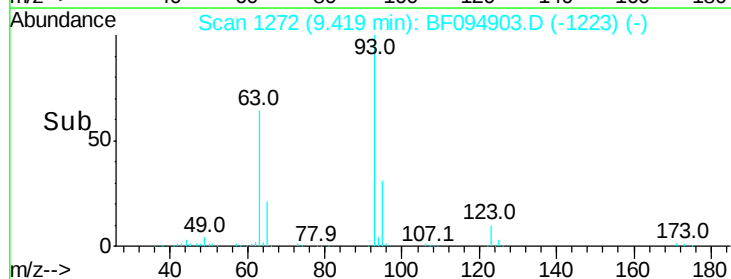
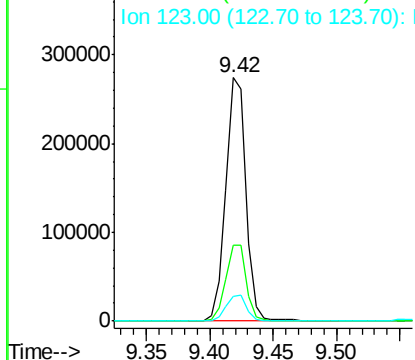


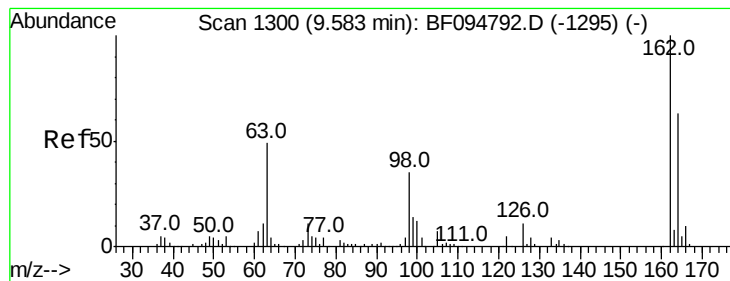
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.36 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion: 93 Resp: 301419
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.5 39.7
 123 10.4 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: 48.14 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

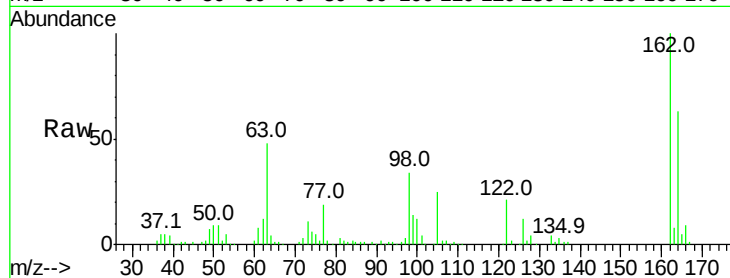
Tot Ion:162 Resp: 233910

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

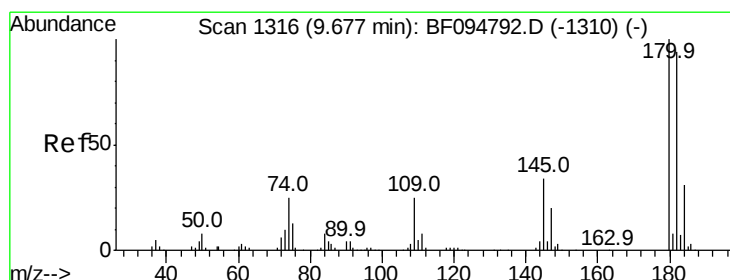
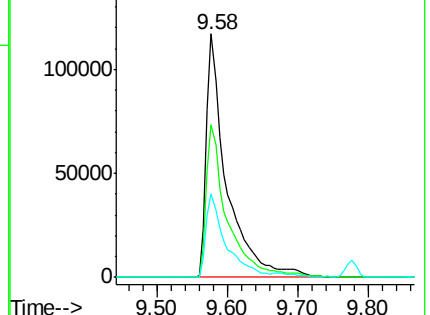
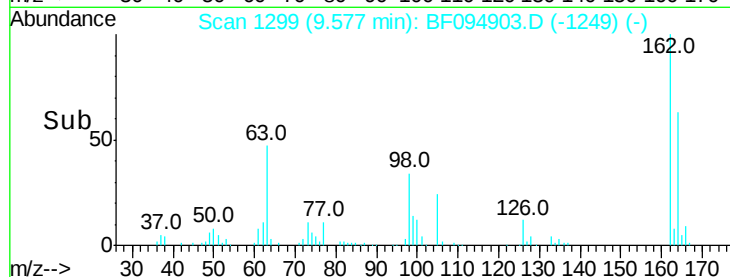
98 34.4 14.8 54.8



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: 40.60 ng

RT: 9.67 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

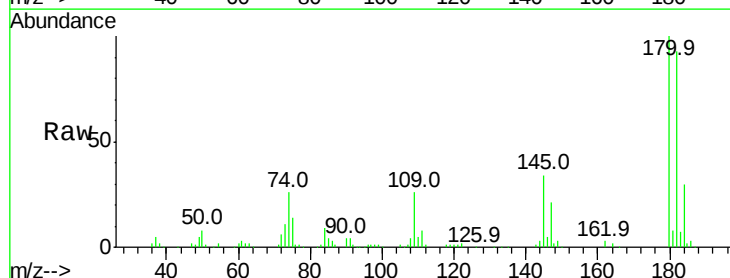
Tgt Ion:180 Resp: 211365

Ion Ratio Lower Upper

180 100

182 93.2 75.8 113.6

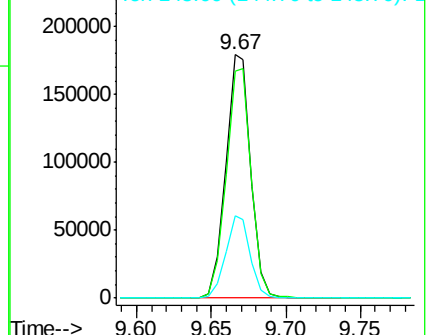
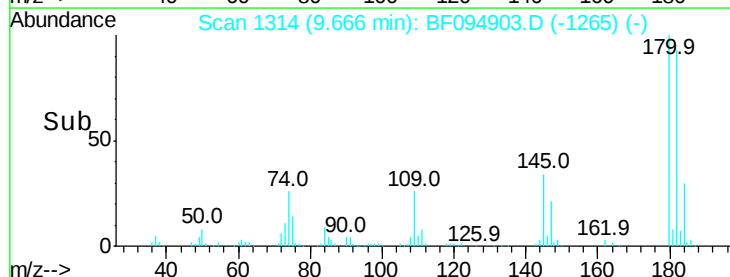
145 33.8 25.3 37.9

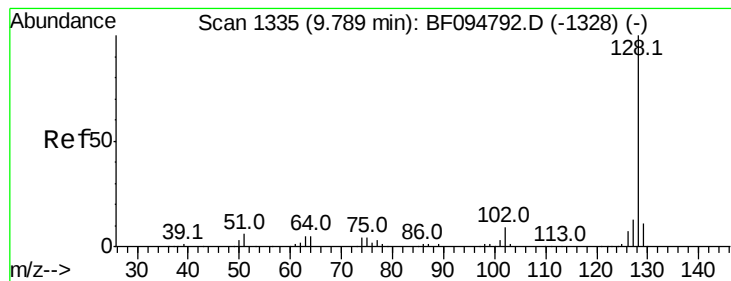


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.95 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

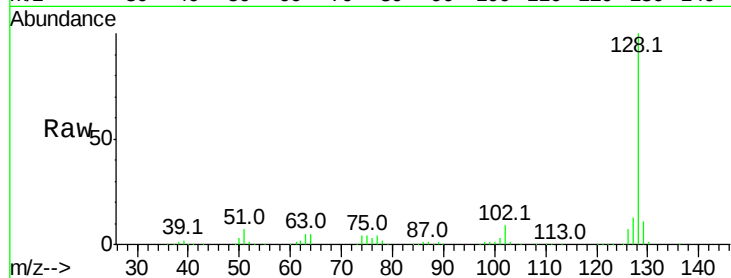
Tot Ion:128 Resp: 748088

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

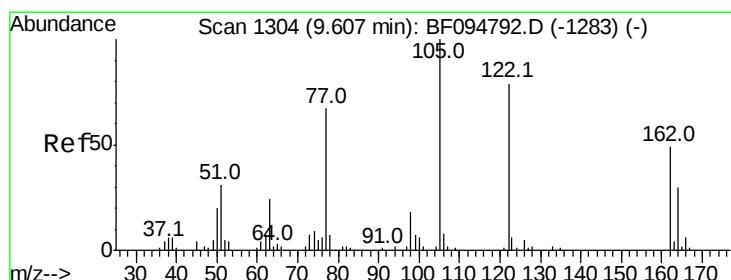
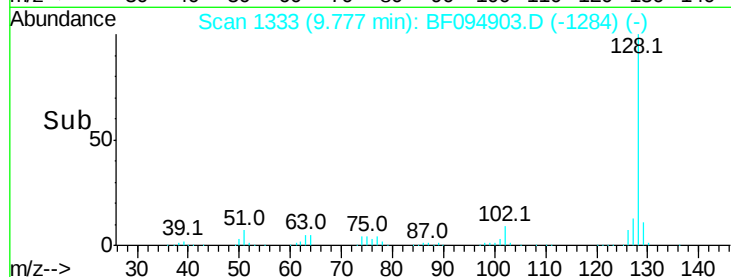
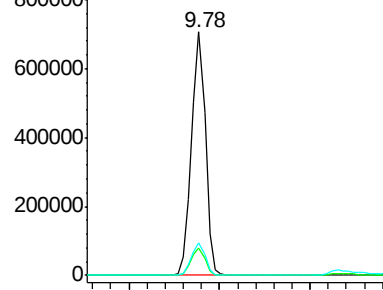
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.20 ng

RT: 9.61 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

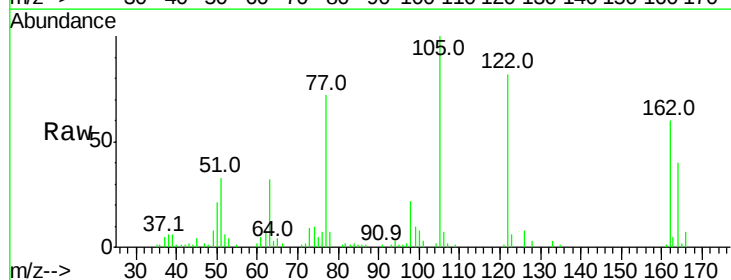
Tgt Ion:122 Resp: 128921

Ion Ratio Lower Upper

122 100

105 122.3 103.3 143.3

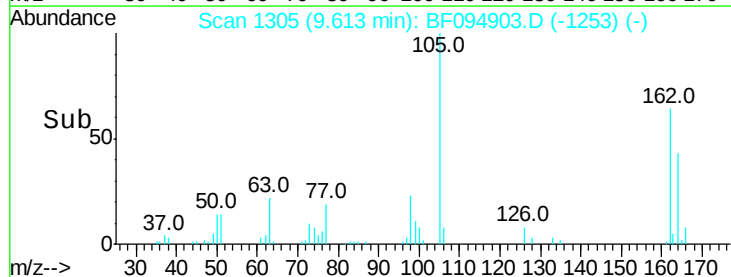
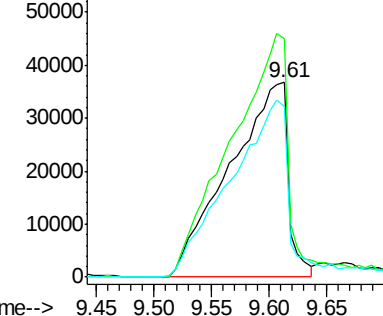
77 87.6 73.7 113.7

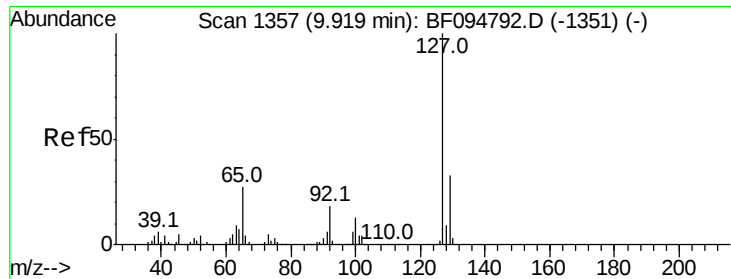


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

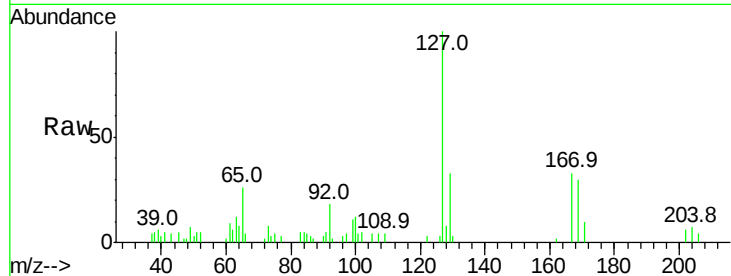




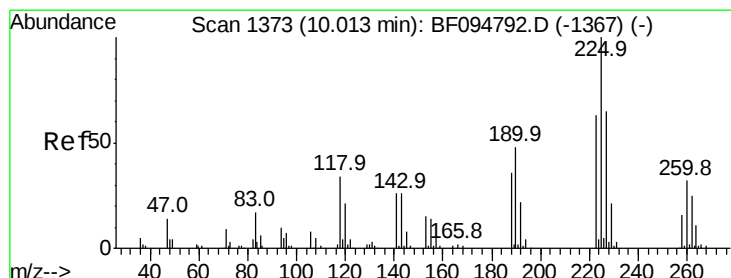
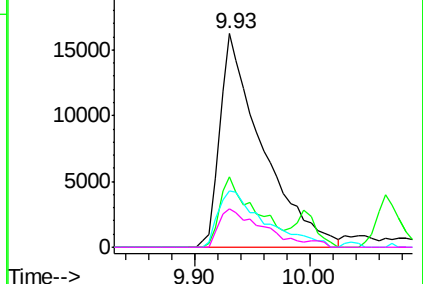
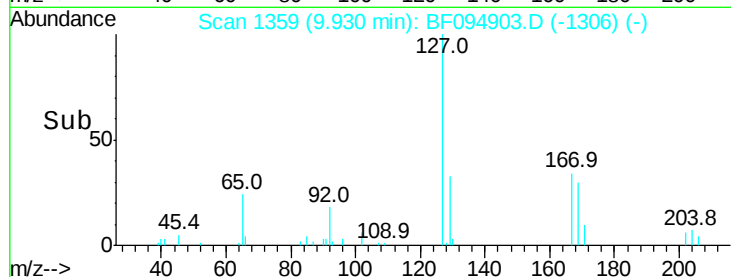
#33
4-Chloroaniline
Concen: 6.23 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	41405
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	26.1	27.8	41.8#
92	18.1	16.8	25.2

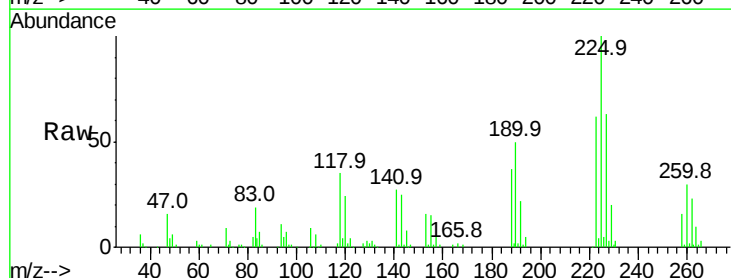


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

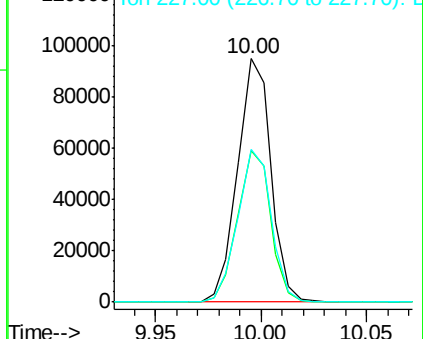
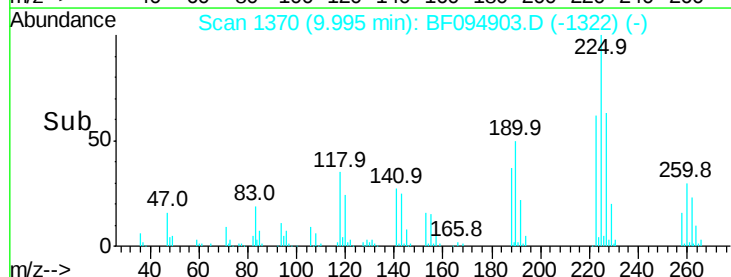


#34
Hexachlorobutadiene
Concen: 37.73 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:	225	Resp:	103640
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	62.8	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: 21.92 ng

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

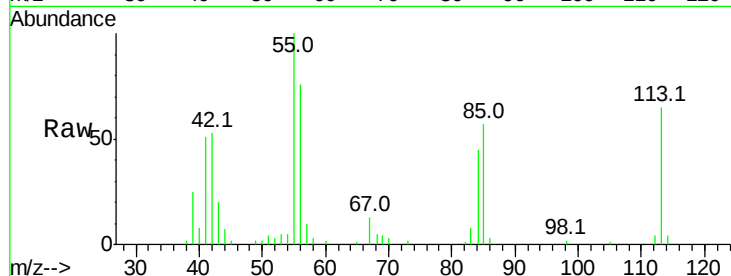
Tot Ion:113 Resp: 31984

Ion Ratio Lower Upper

113 100

55 153.5 150.2 190.2

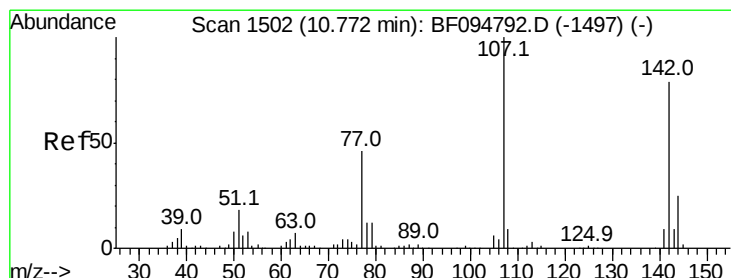
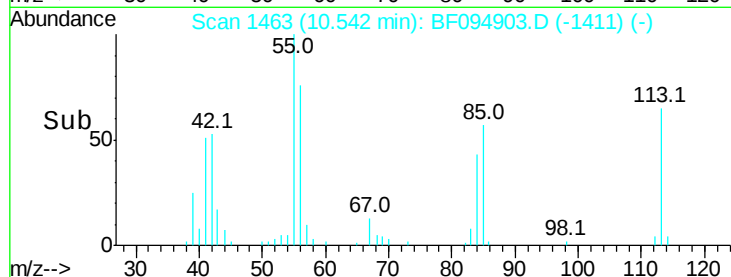
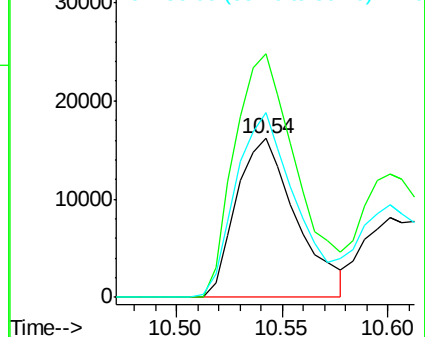
56 116.6 107.8 147.8



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: 49.07 ng

RT: 10.77 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

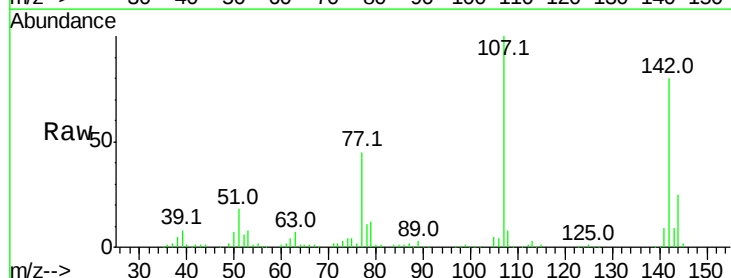
Tgt Ion:107 Resp: 254916

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

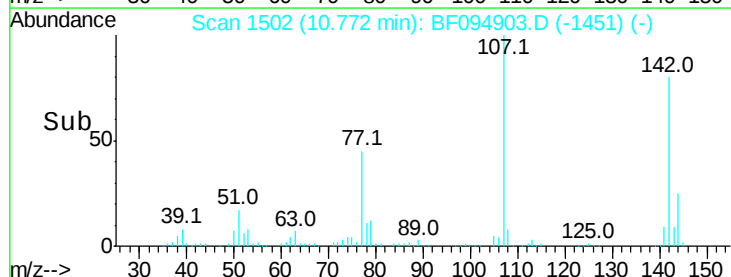
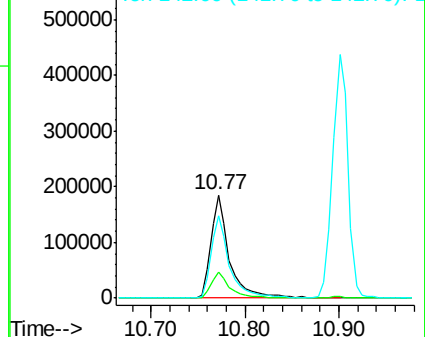
142 80.3 73.4 110.0

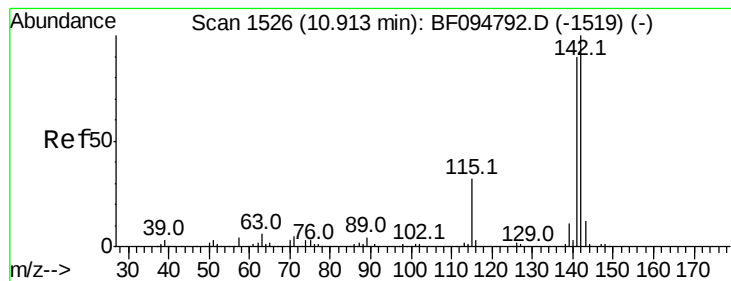


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.56 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

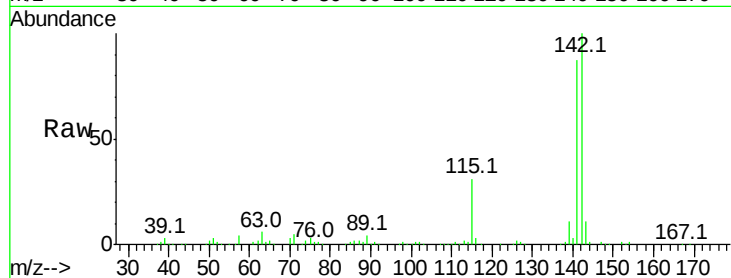
Tot Ion:142 Resp: 498153

Ion Ratio Lower Upper

142 100

141 87.0 71.3 106.9

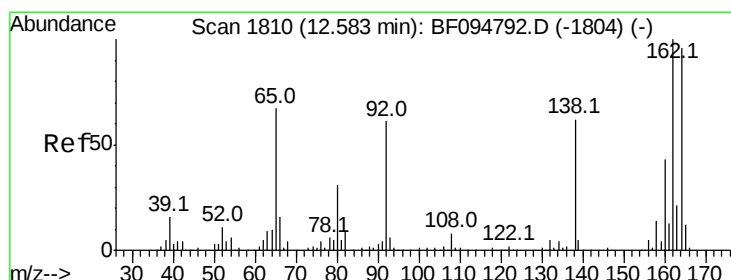
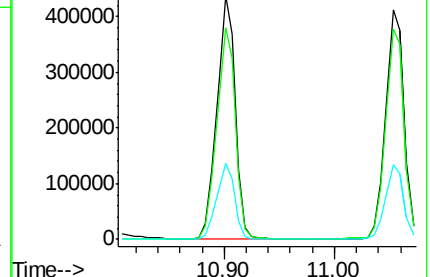
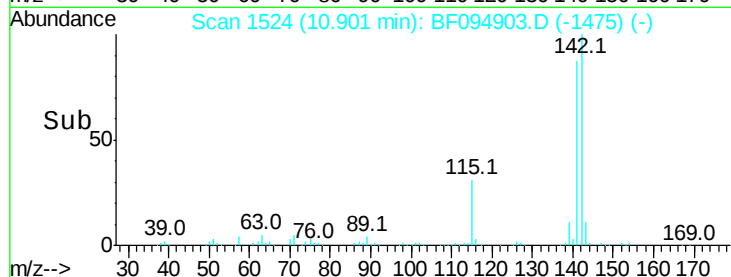
115 31.0 27.1 40.7



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: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

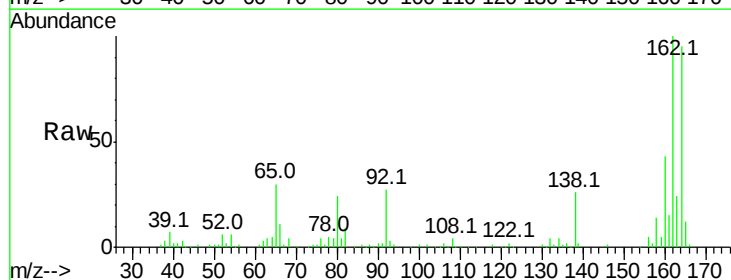
Tgt Ion:164 Resp: 164641

Ion Ratio Lower Upper

164 100

162 105.5 82.6 123.8

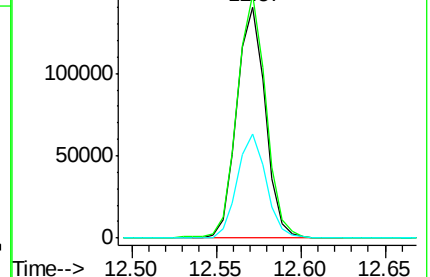
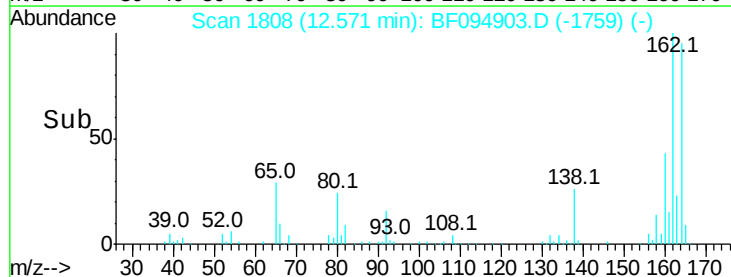
160 45.2 36.2 54.2



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: 41.49 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 210093

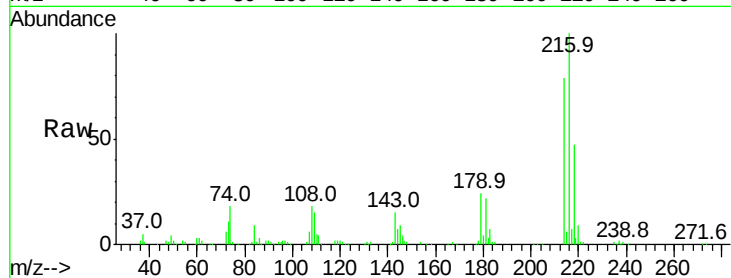
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.5 17.9 26.9

108 19.3 16.5 24.7

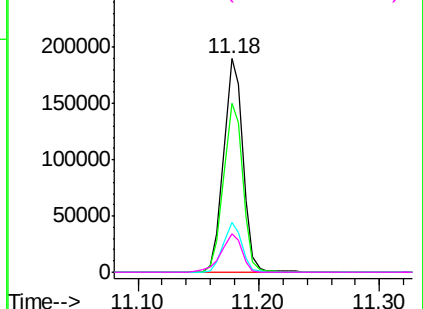
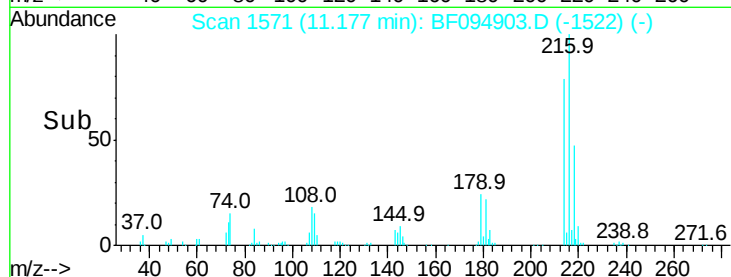


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.52 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

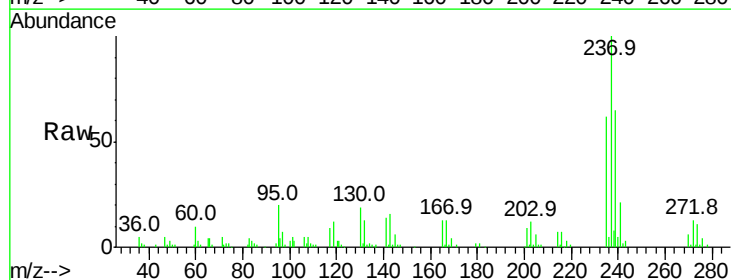
Tgt Ion:237 Resp: 88568

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

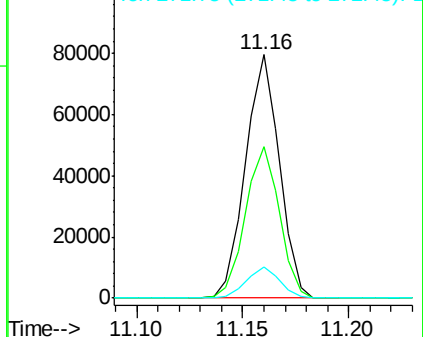
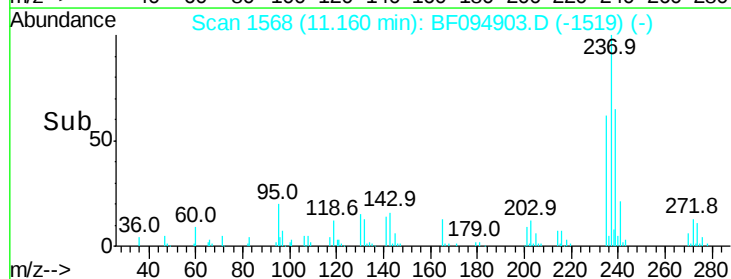
272 12.7 0.0 31.9

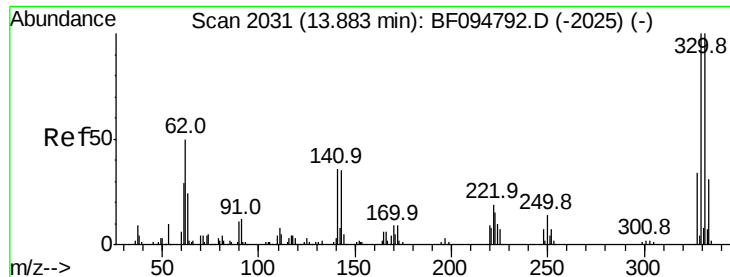


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

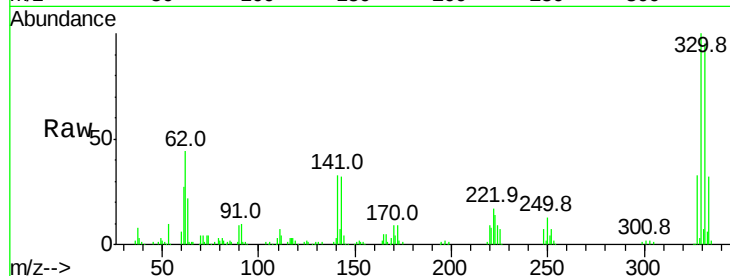




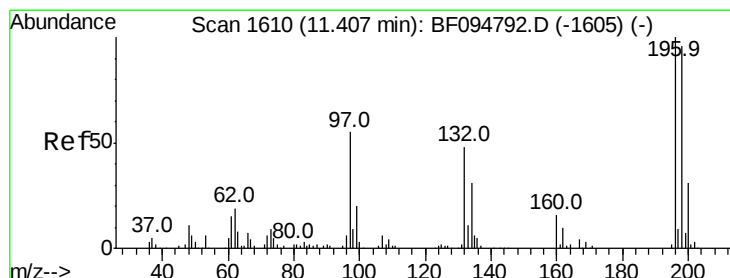
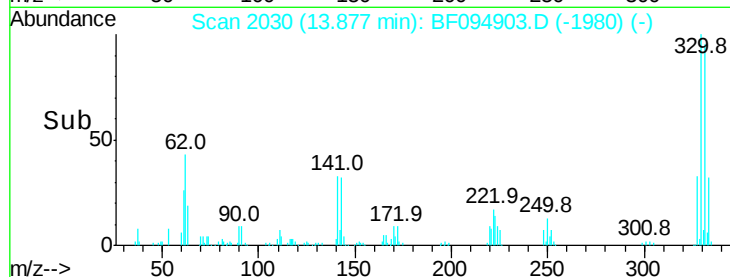
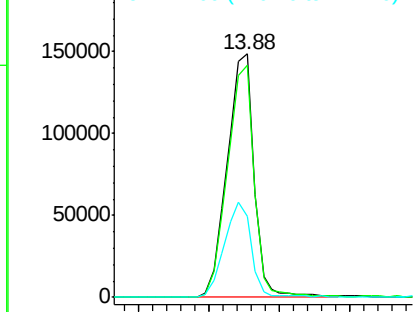
#41
 2,4,6-Tribromophenol
 Concen: 146.50 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.2	31.4	47.2

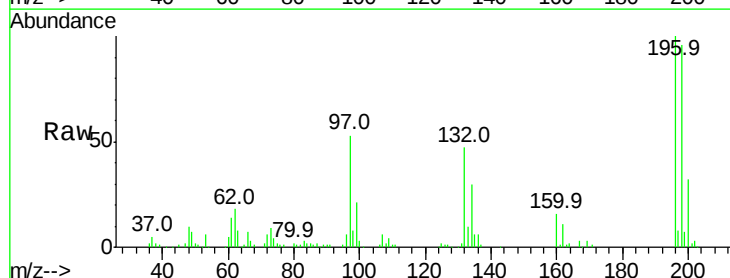


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

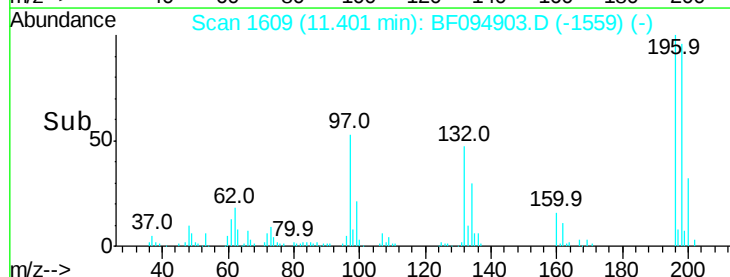
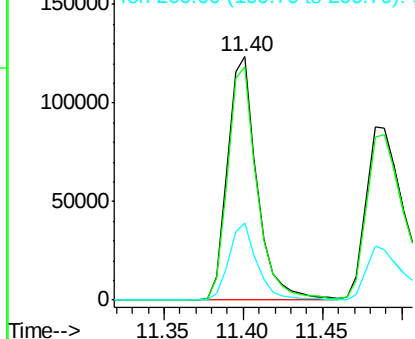


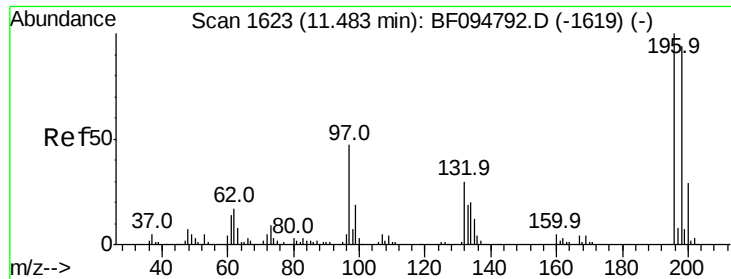
#42
 2,4,6-Trichlorophenol
 Concen: 46.92 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
200	31.8	24.0	36.0



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

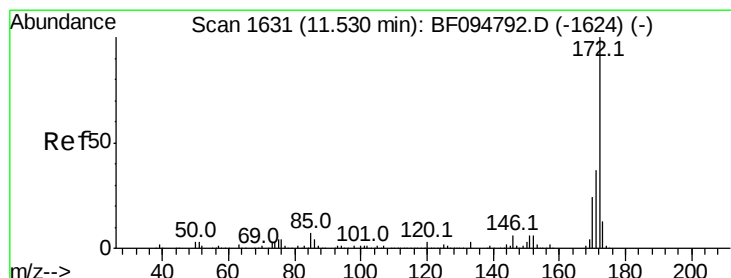
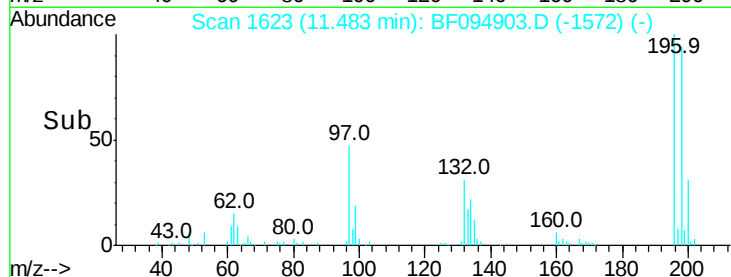
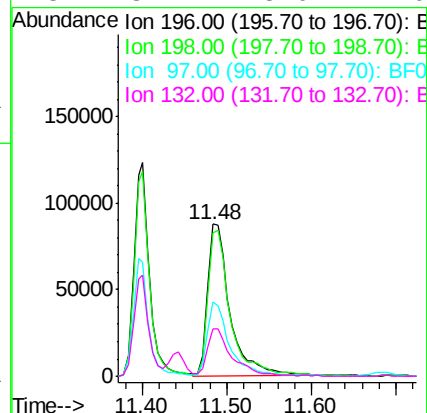
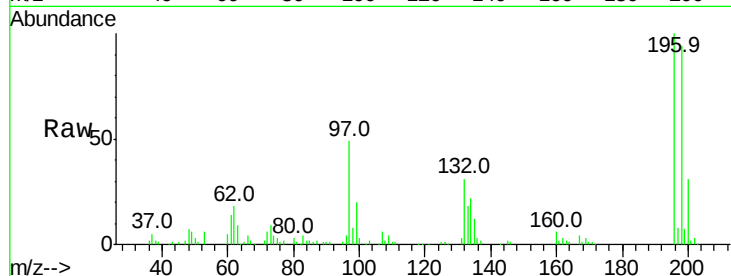




#43
 2,4,5-Trichlorophenol
 Concen: 45.08 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

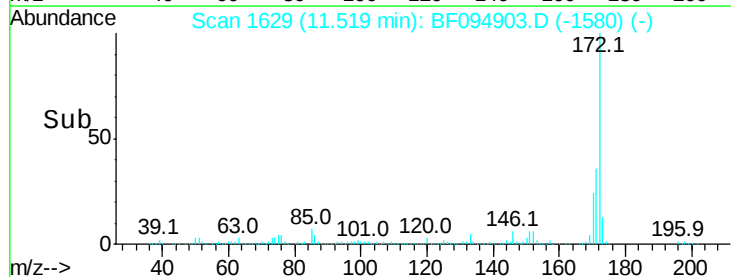
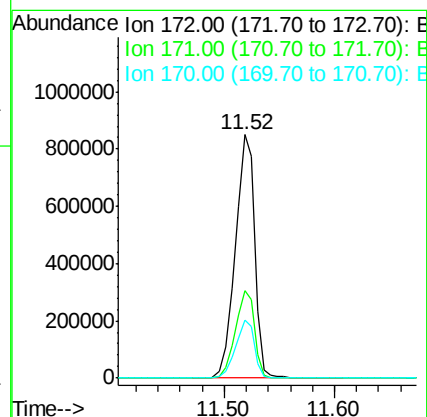
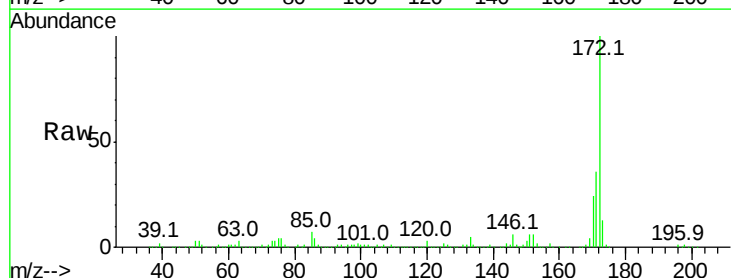
Instrument :
 BNA_F
 ClientSampleId :

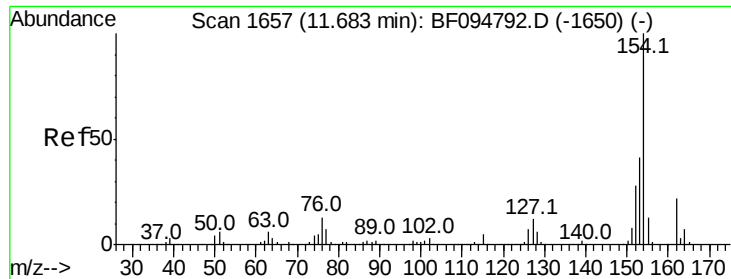
Tot Ion:196 Resp: 163808
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 97 48.9 47.7 71.5
 132 31.4 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 91.75 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion:172 Resp: 1049501
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.6 19.8 29.8

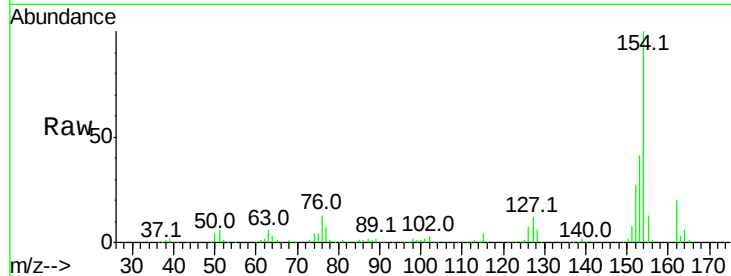




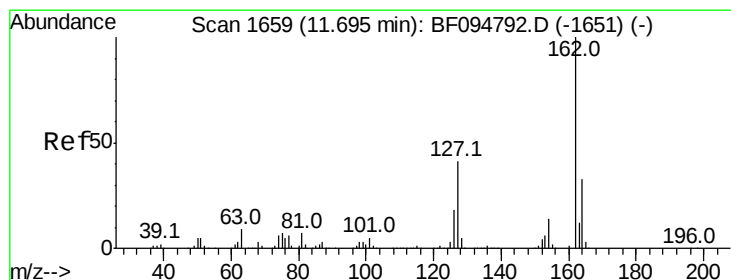
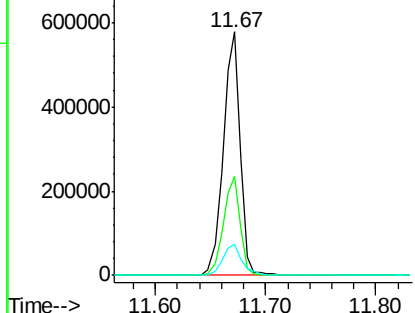
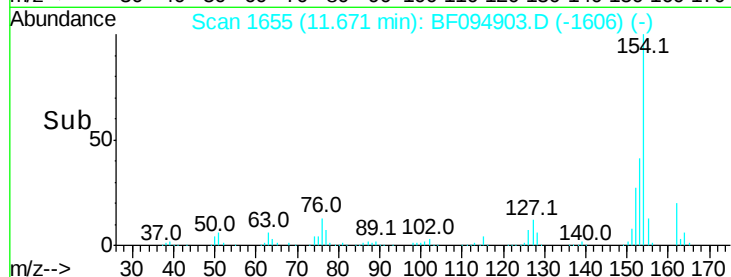
#45
 1,1'-Biphenyl
 Concen: 44.41 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 615551
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 12.7 0.0 29.9

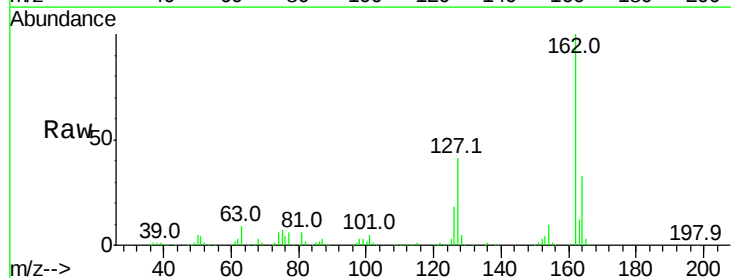


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

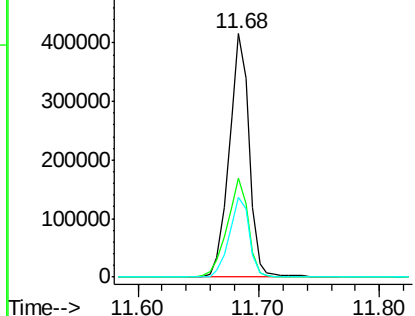
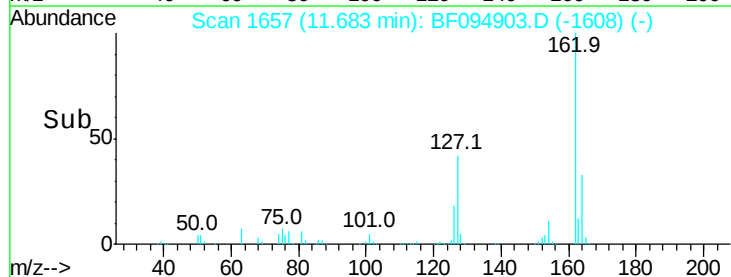


#46
 2-Chloronaphthalene
 Concen: 42.73 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion:162 Resp: 478271
 Ion Ratio Lower Upper
 162 100
 127 40.7 28.3 42.5
 164 32.7 27.0 40.4



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

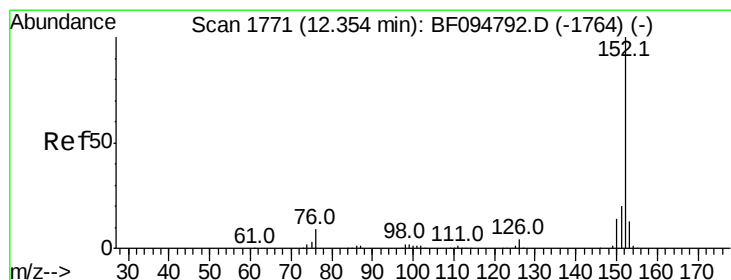
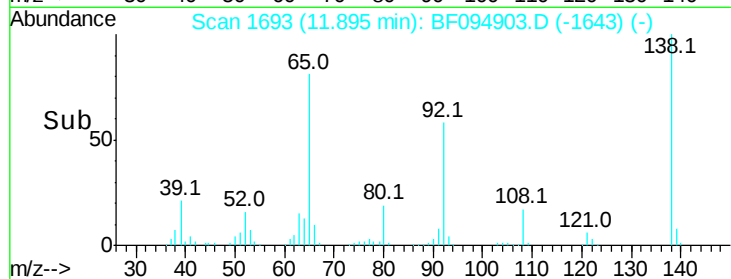
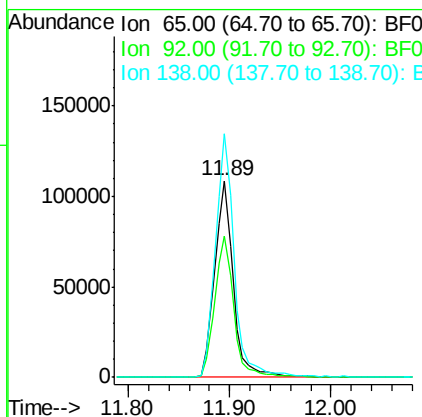
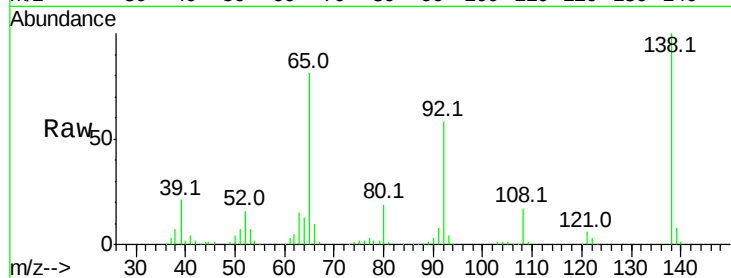




#47
2-Nitroaniline
Concen: 45.50 ng
RT: 11.89 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

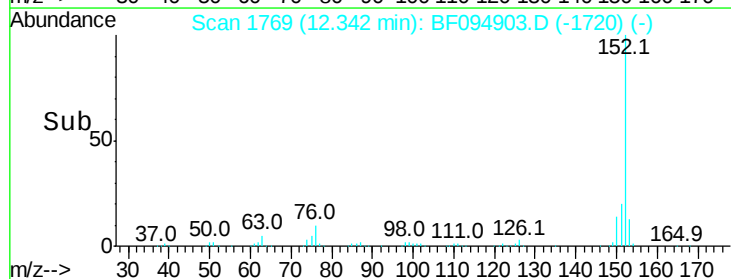
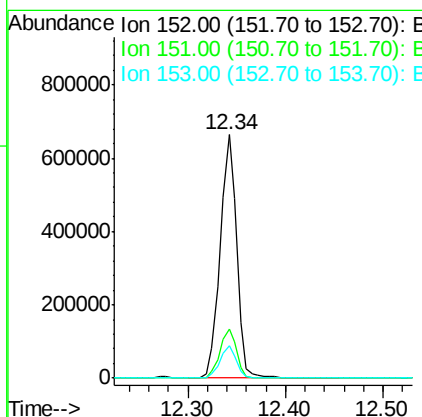
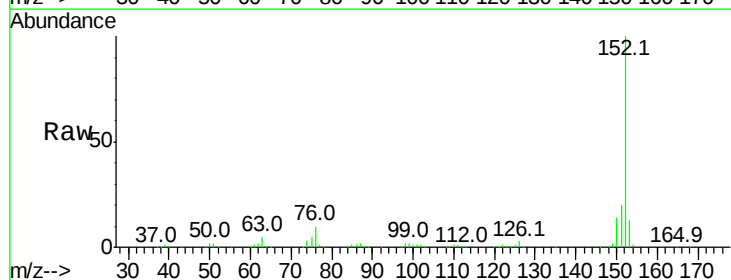
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 139402
Ion Ratio Lower Upper
65 100
92 72.2 53.9 80.9
138 123.9 78.8 118.2#



#48
Acenaphthylene
Concen: 44.37 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:152 Resp: 777926
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 45.17 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

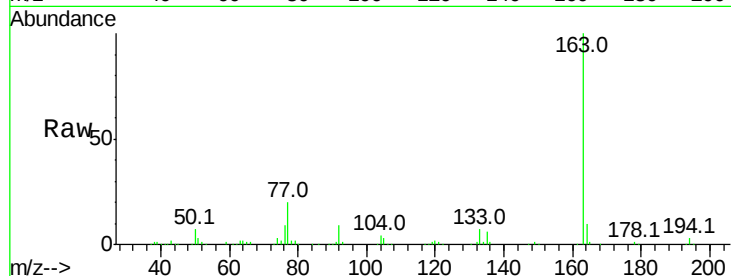
Tot Ion:163 Resp: 610475

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

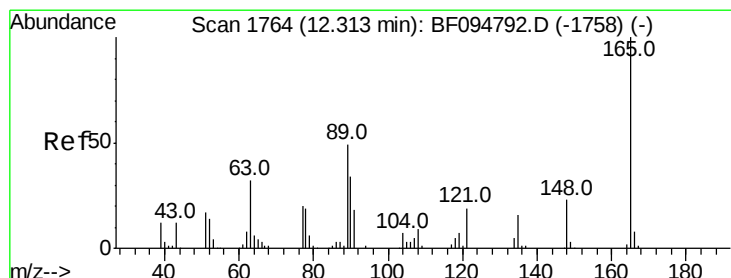
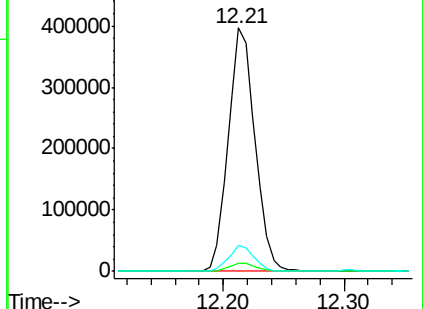
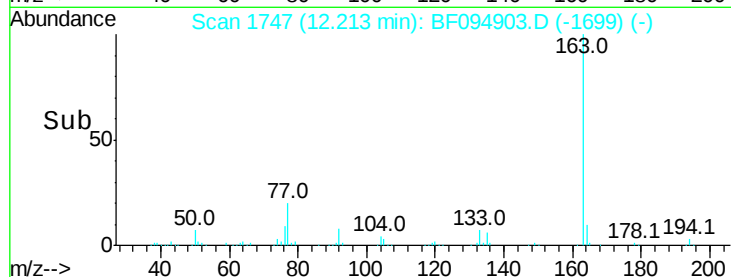
164 10.4 8.4 12.6



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: 48.47 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

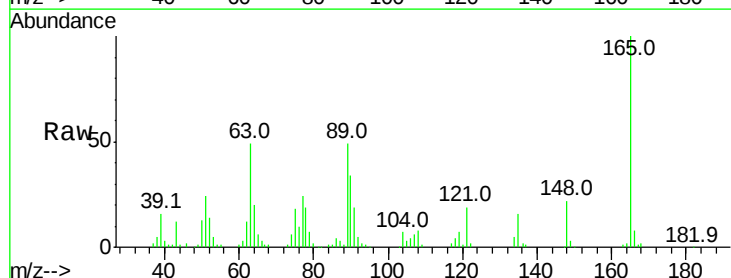
Tgt Ion:165 Resp: 133665

Ion Ratio Lower Upper

165 100

63 48.6 34.3 51.5

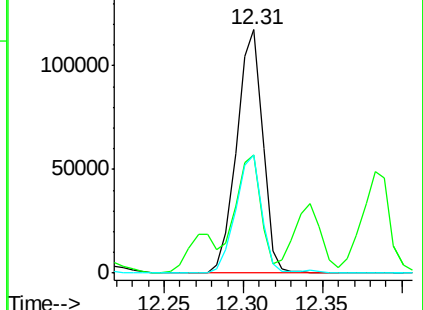
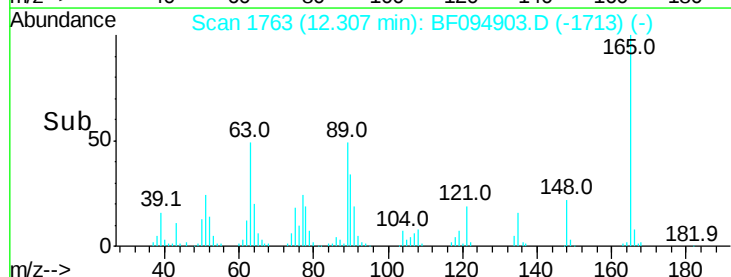
89 48.7 37.1 55.7

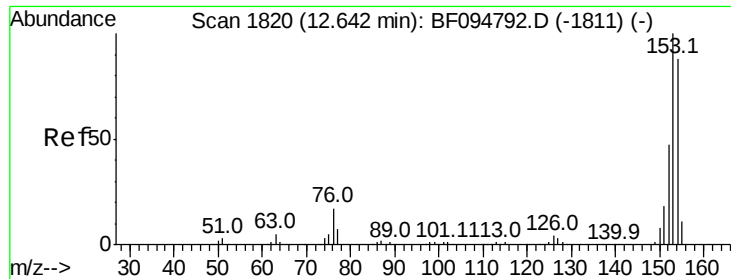


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.66 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

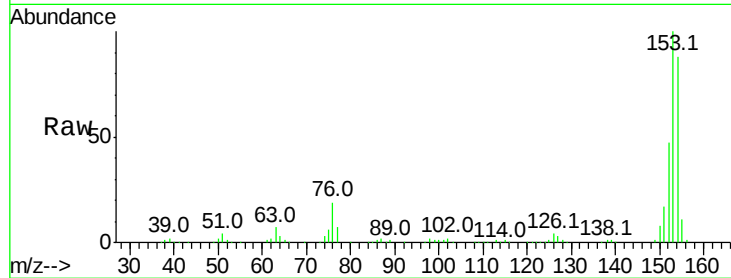
Tot Ion:154 Resp: 478110

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

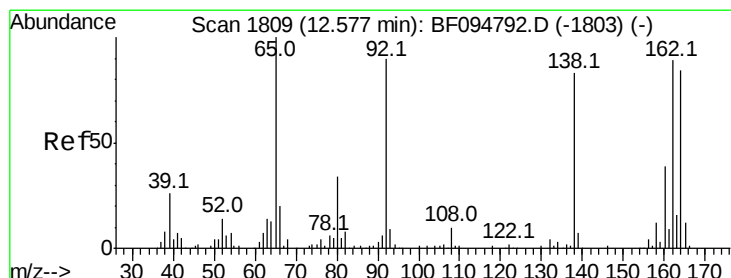
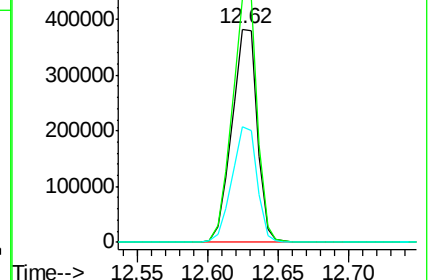
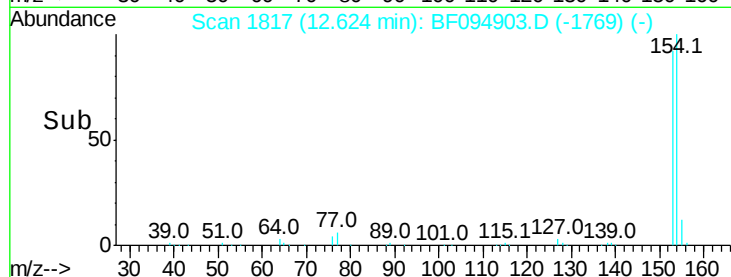
152 53.9 43.6 65.4



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: 20.25 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

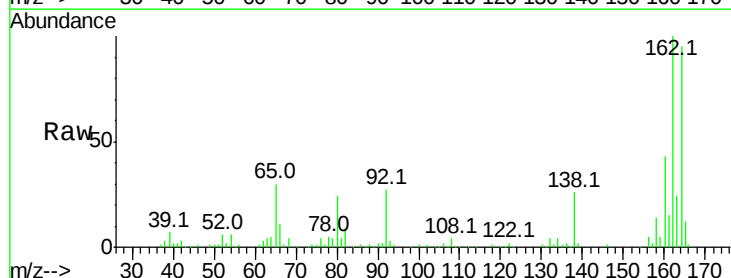
Tgt Ion:138 Resp: 59929

Ion Ratio Lower Upper

138 100

108 16.5 9.1 13.7#

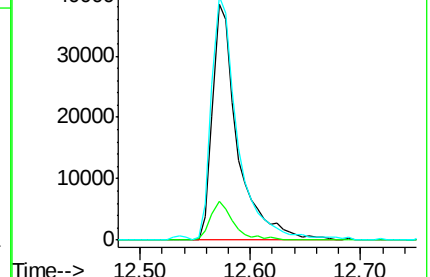
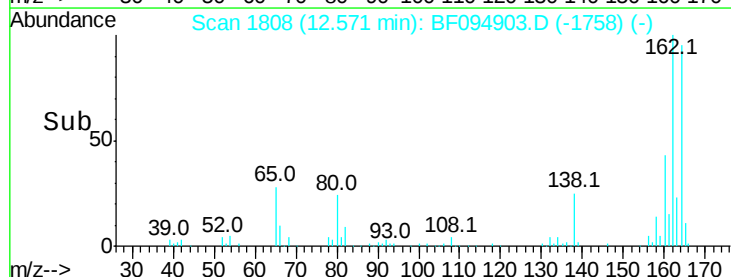
92 103.2 93.8 140.6

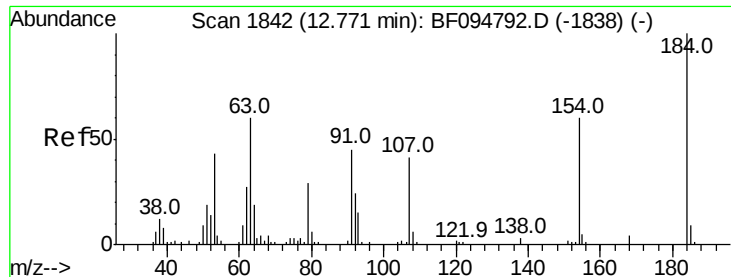


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

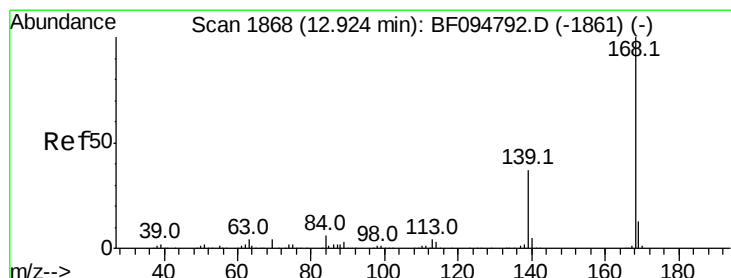
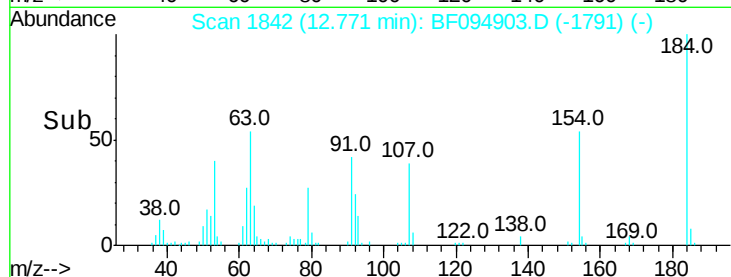
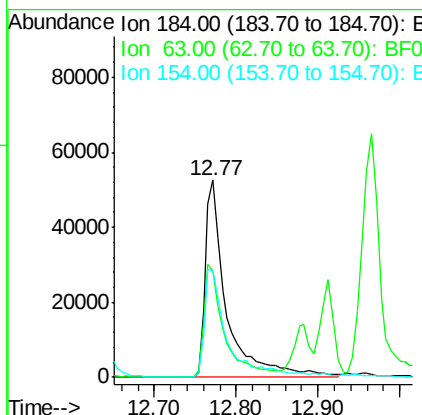
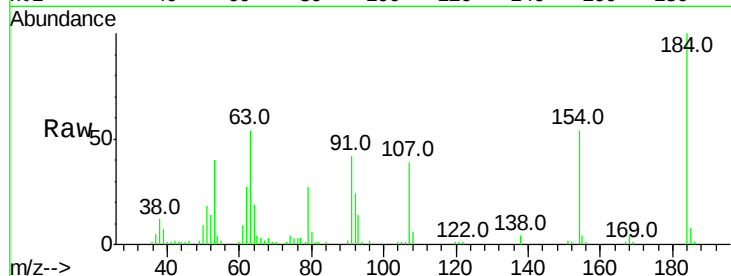




#53
 2,4-Dinitrophenol
 Concen: 64.27 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

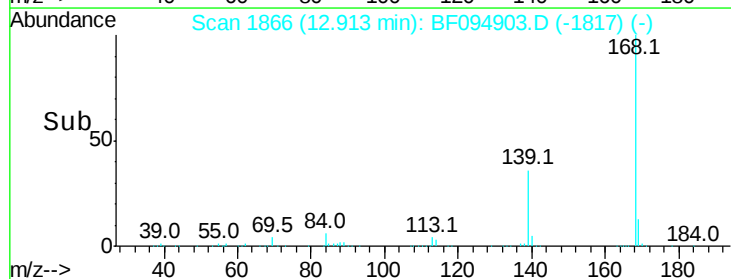
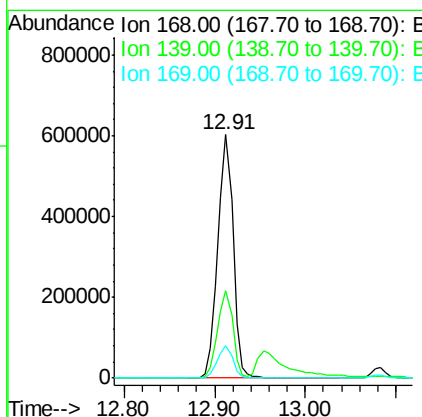
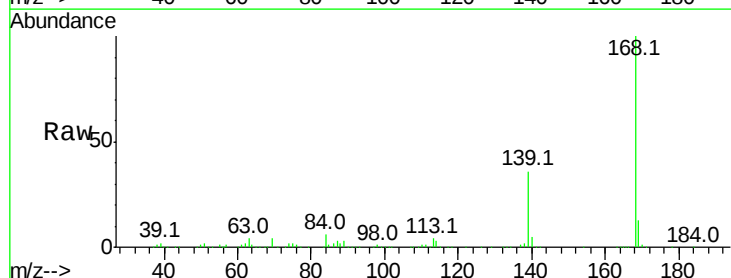
Instrument :
 BNA_F
 ClientSampleId :

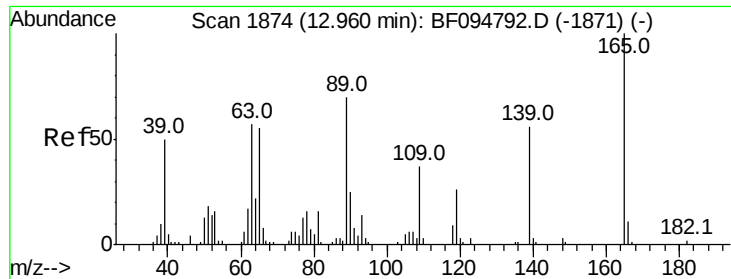
Tot Ion:184 Resp: 95594
 Ion Ratio Lower Upper
 184 100
 63 54.1 62.7 94.1#
 154 54.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.45 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion:168 Resp: 702042
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.6 45.8
 169 13.4 10.8 16.2

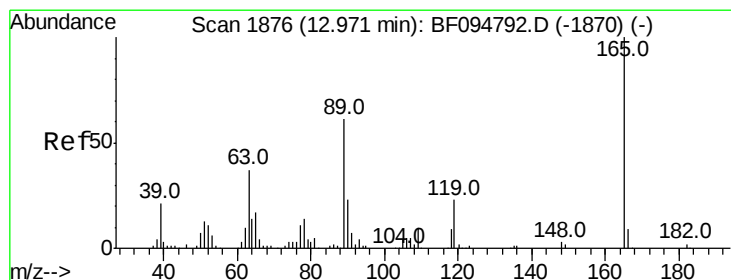
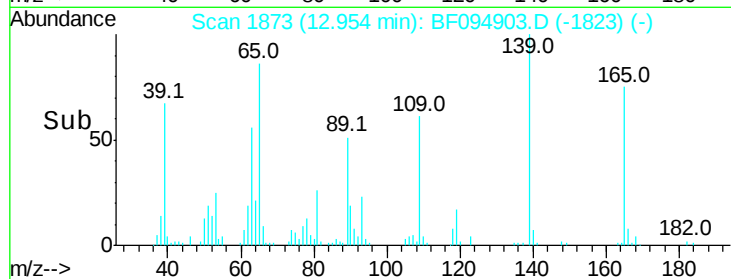
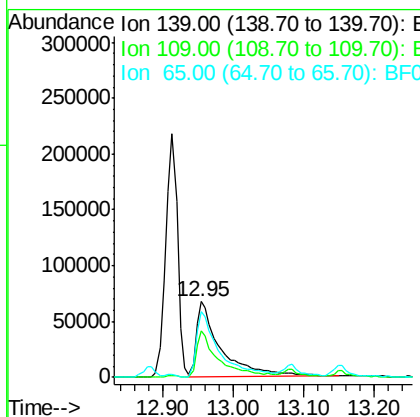
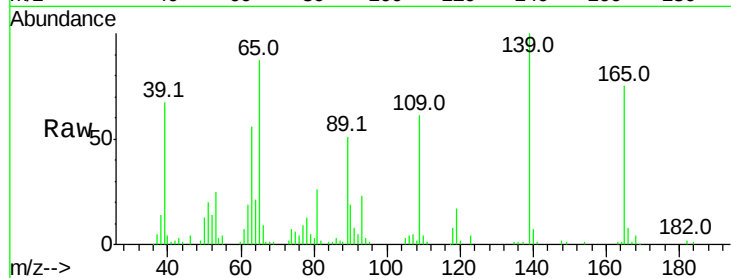




#55
4-Nitrophenol
Concen: 92.99 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

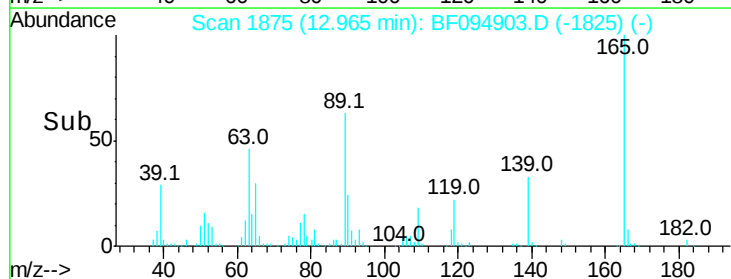
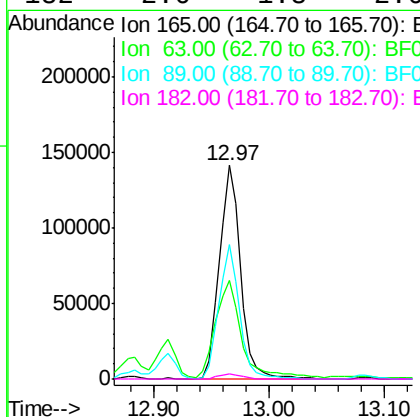
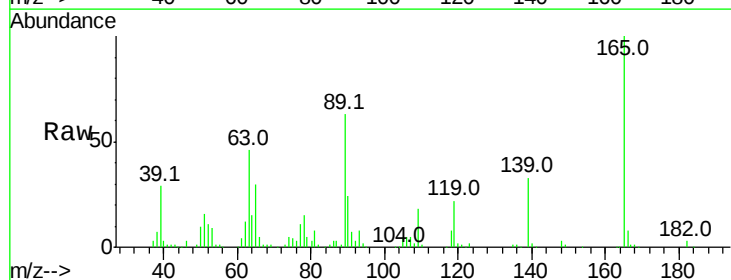
Instrument :
BNA_F
ClientSampled :

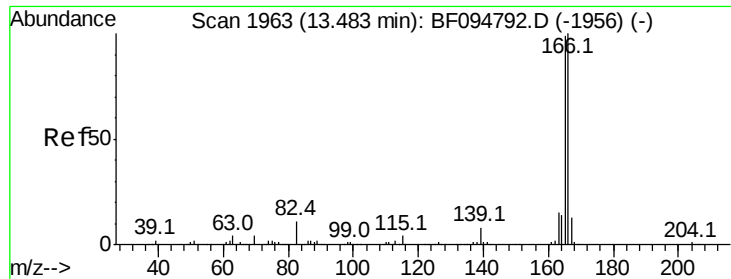
Tot Ion:139 Resp: 165305
Ion Ratio Lower Upper
139 100
109 61.0 34.1 74.1
65 86.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.62 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:165 Resp: 179342
Ion Ratio Lower Upper
165 100
63 45.9 25.4 38.0#
89 63.1 46.4 69.6
182 2.6 1.8 2.6

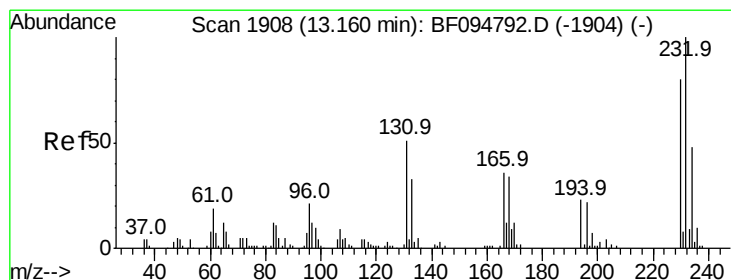
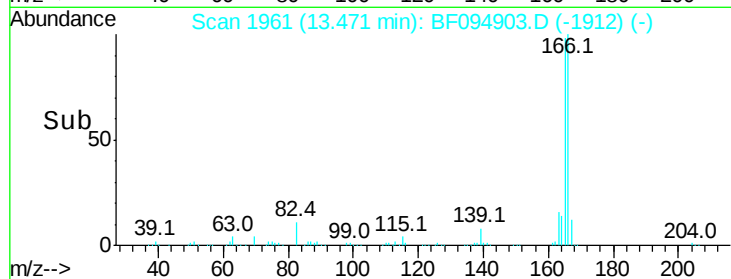
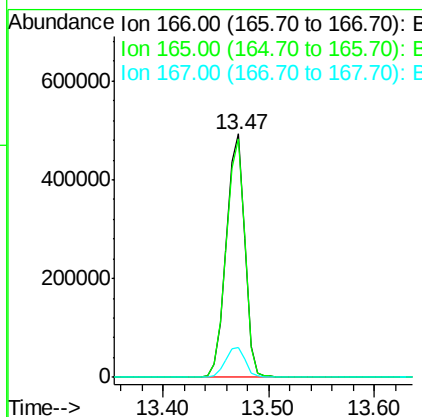
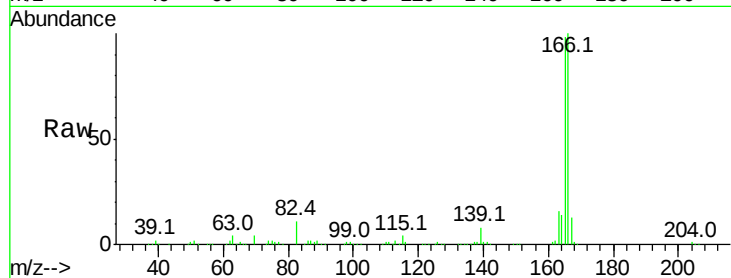




#57
 Fluorene
 Concen: 47.50 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

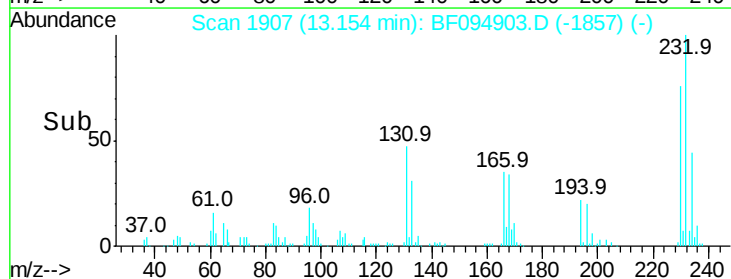
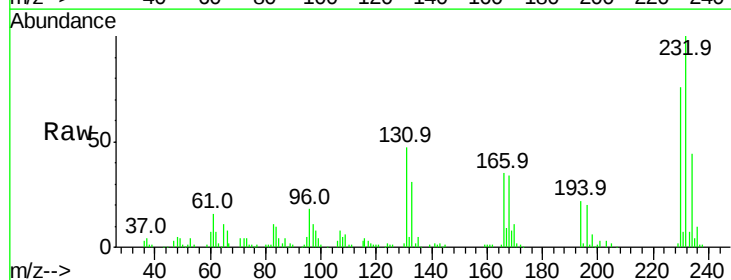
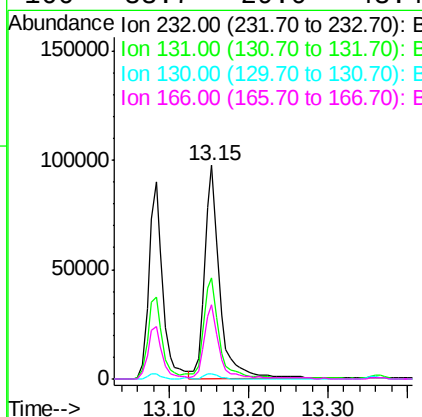
Instrument :
 BNA_F
 ClientSampleId :

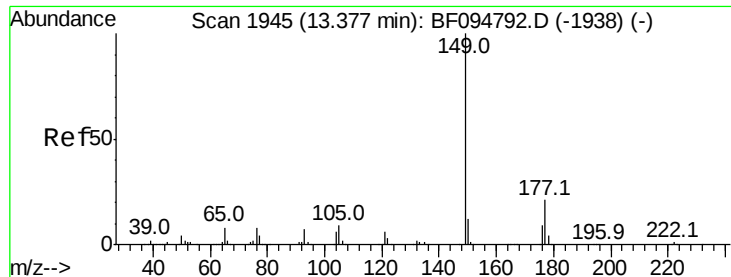
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.8	118.2
167	12.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.72 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.3	44.8	67.2
130	2.2	2.3	3.5#
166	33.7	29.0	43.4

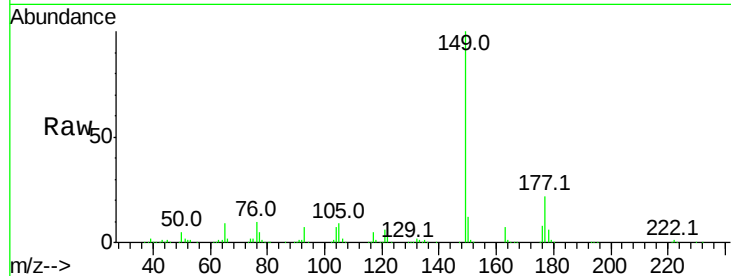




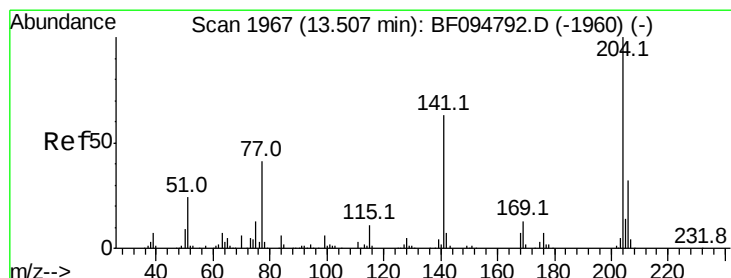
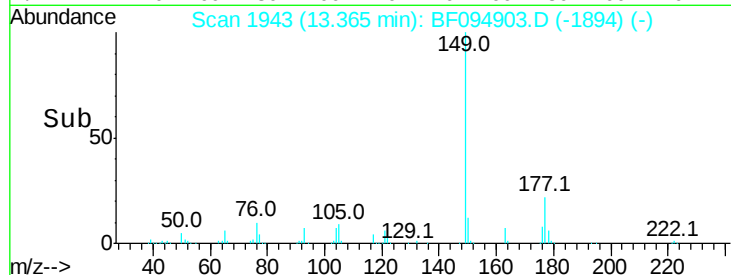
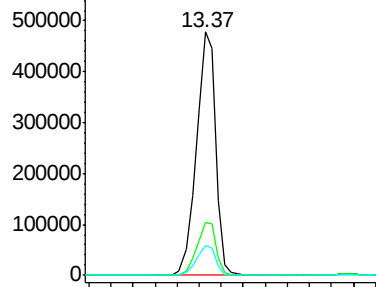
#59
Diethylphthalate
Concen: 45.09 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.1	10.2	15.2

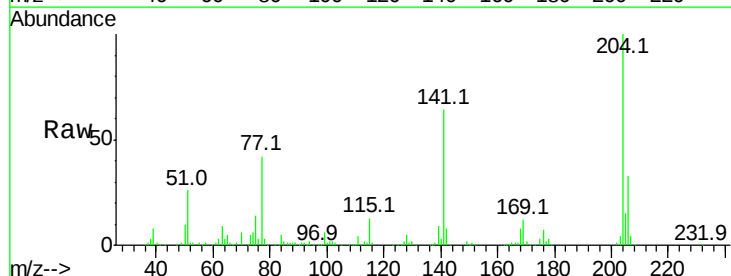


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

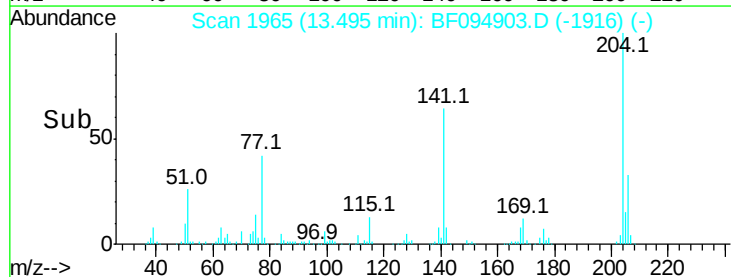
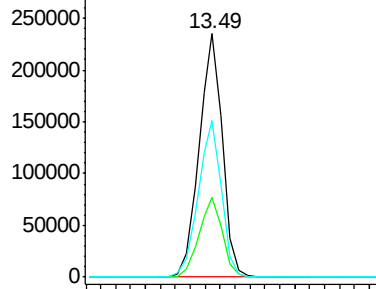


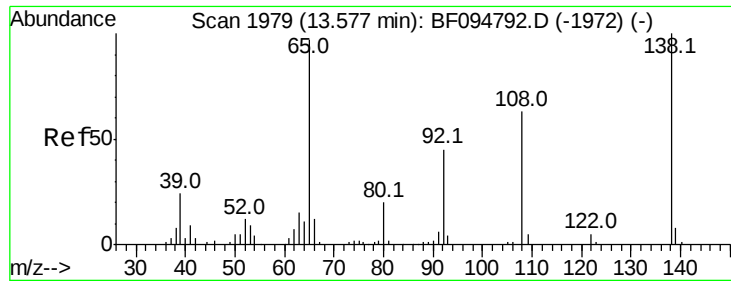
#60
4-Chlorophenyl-phenylether
Concen: 46.55 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	64.3	60.8	91.2



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

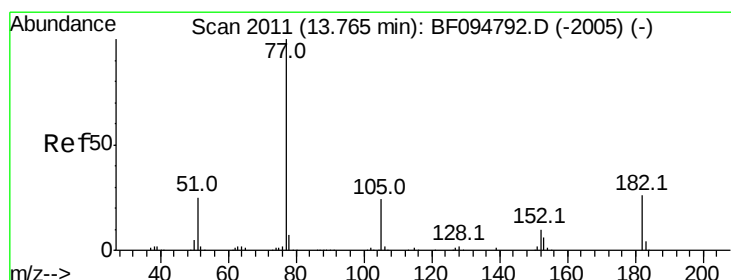
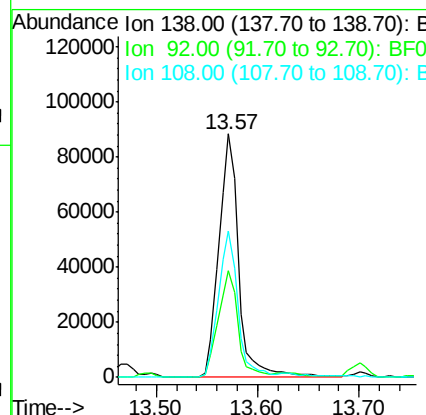
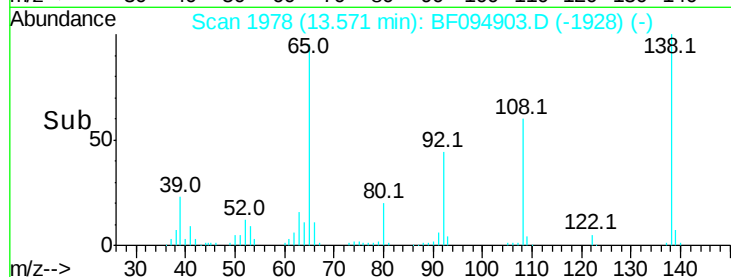
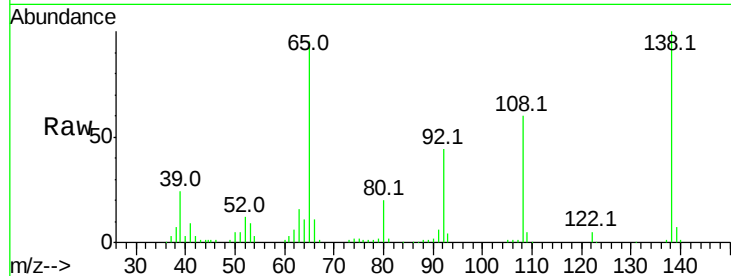




#61
4-Nitroaniline
Concen: 44.66 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

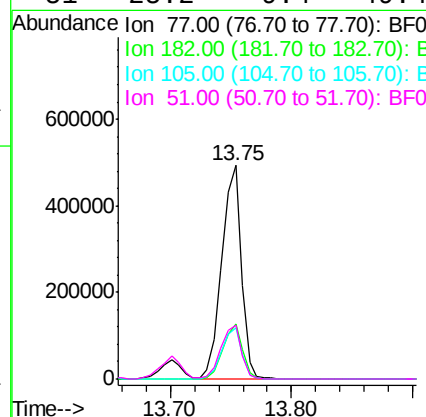
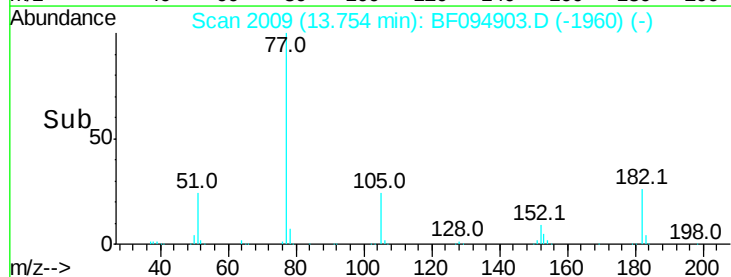
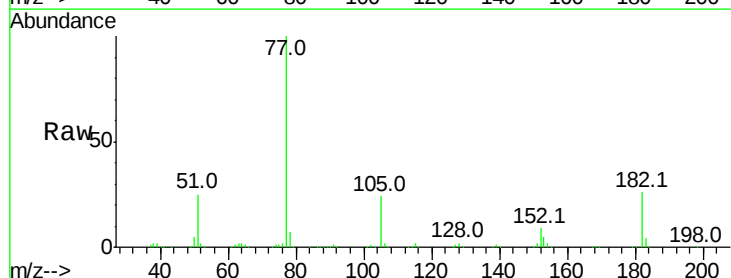
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 121336
Ion Ratio Lower Upper
138 100
92 44.0 21.8 61.8
108 60.1 42.3 82.3



#62
Azobenzene
Concen: 52.94 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion: 77 Resp: 551127
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 23.9 3.6 43.6
51 25.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

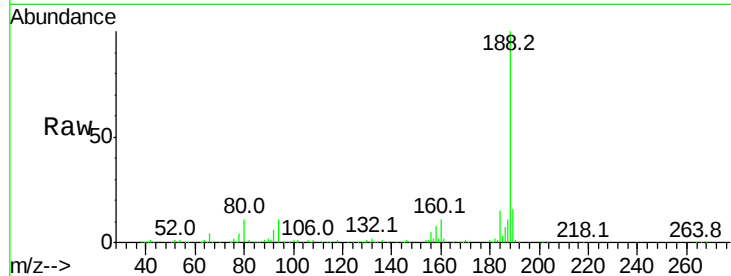
Tot Ion:188 Resp: 290815

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

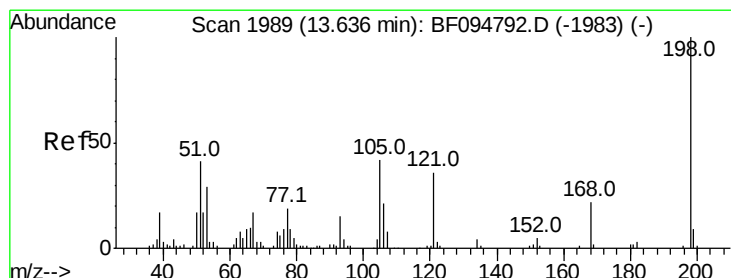
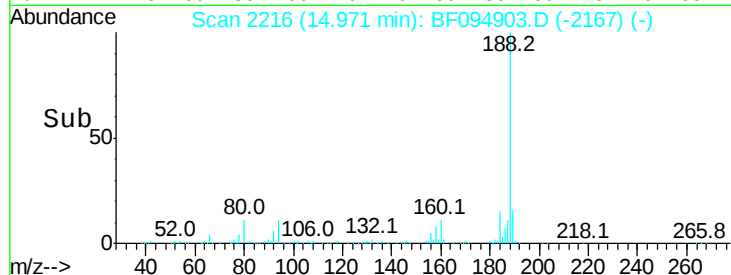
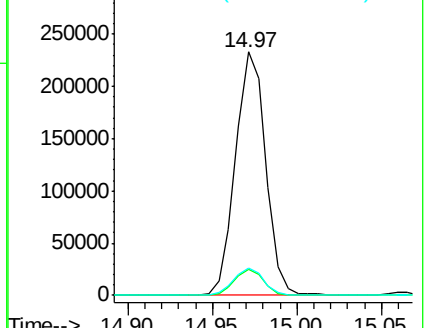
80 11.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.58 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

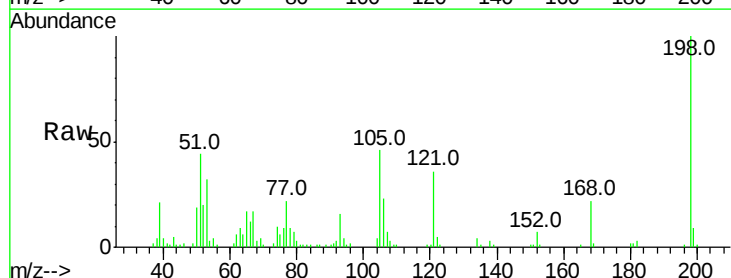
Tgt Ion:198 Resp: 69364

Ion Ratio Lower Upper

198 100

51 43.8 53.2 93.2#

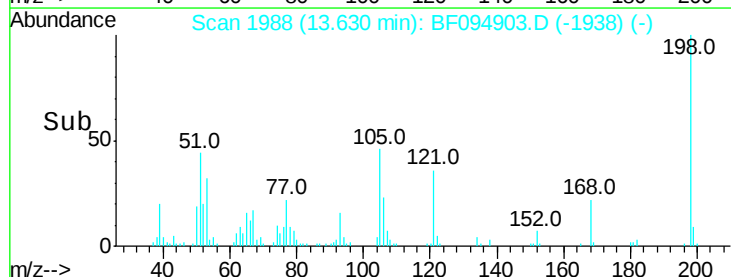
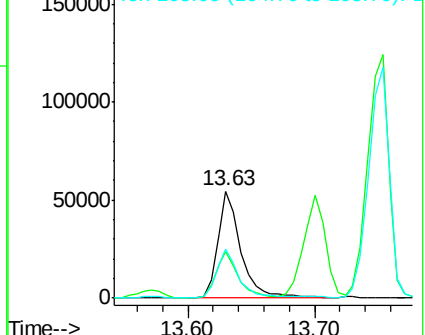
105 46.0 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.51 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

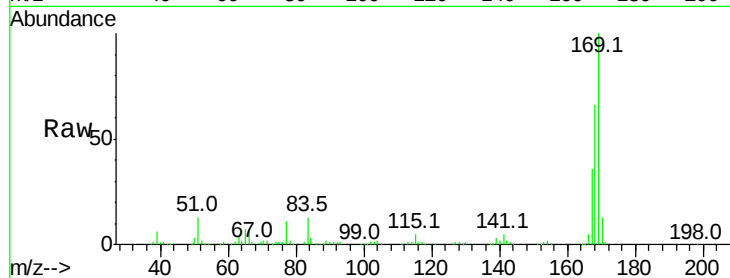
Tot Ion:169 Resp: 512039

Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

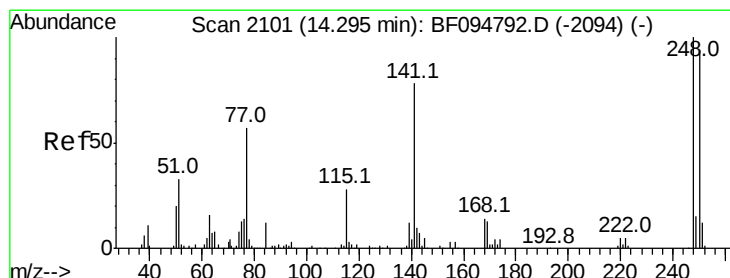
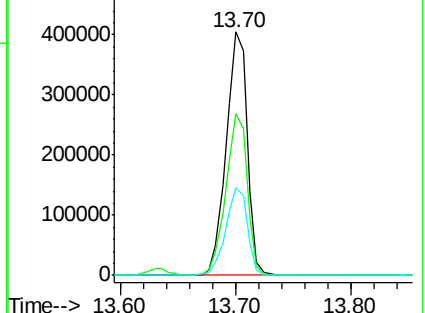
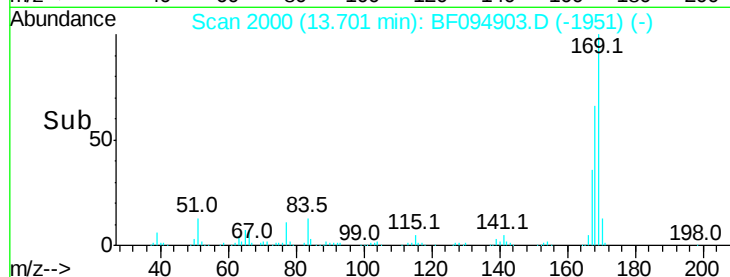
167 35.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.36 ng

RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

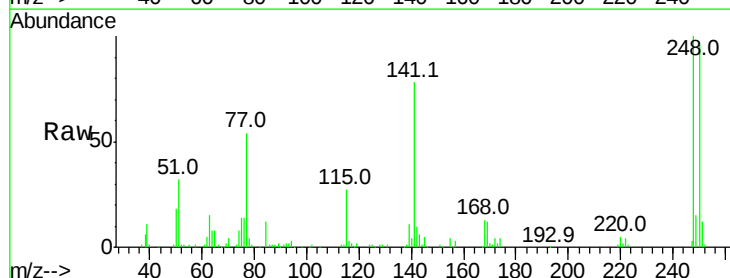
Tgt Ion:248 Resp: 145520

Ion Ratio Lower Upper

248 100

250 95.7 76.8 115.2

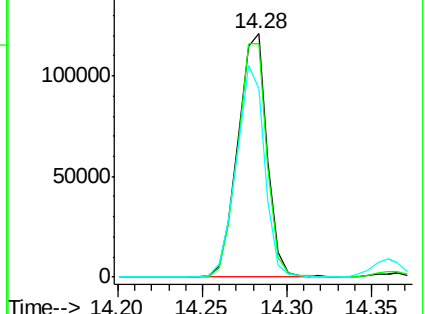
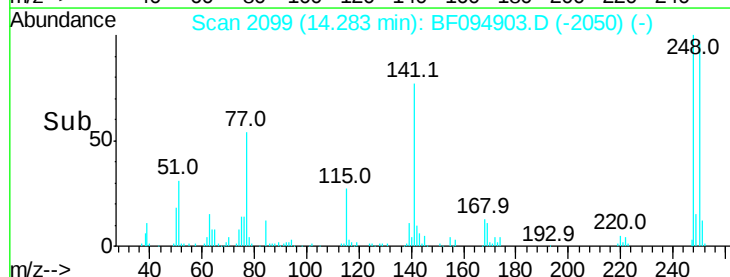
141 77.5 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.26 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

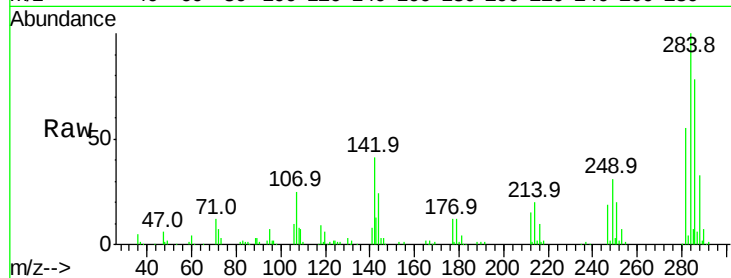
Tot Ion:284 Resp: 145671

Ion Ratio Lower Upper

284 100

142 41.5 22.8 34.2#

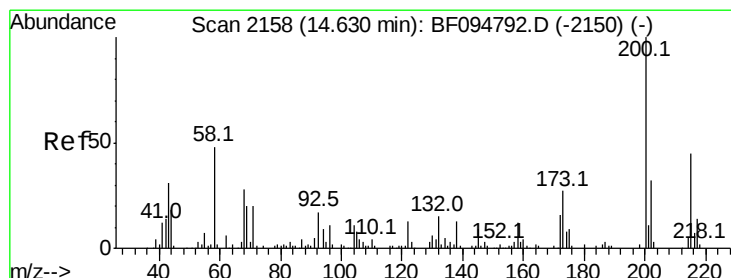
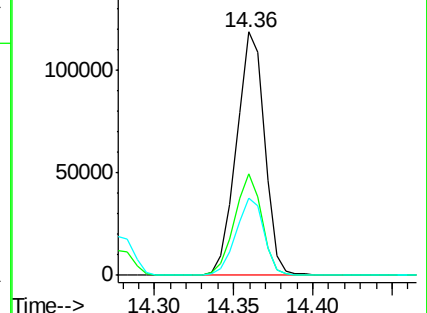
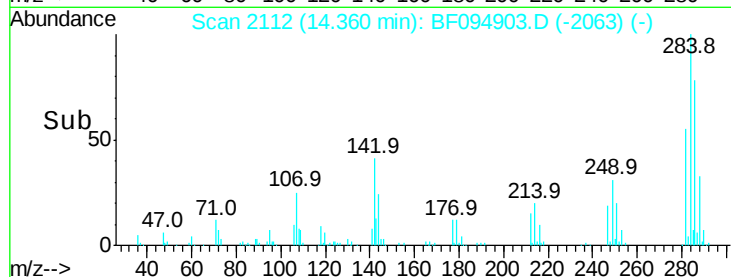
249 31.5 24.0 36.0



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: 49.25 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

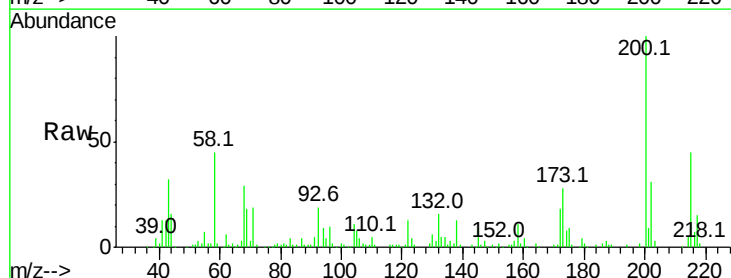
Tgt Ion:200 Resp: 146779

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

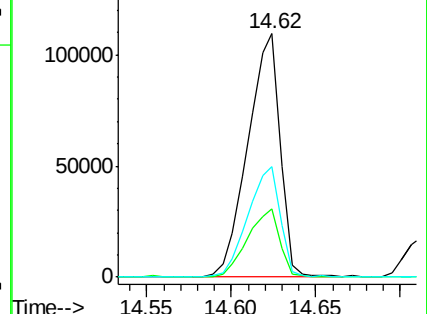
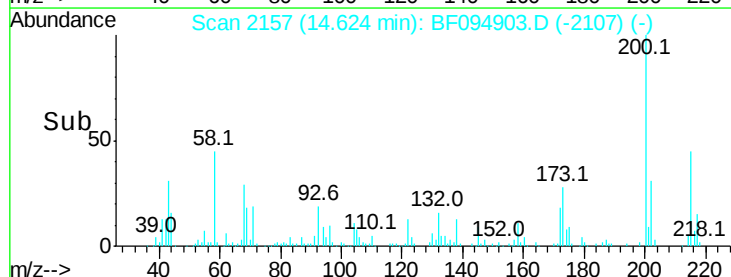
215 45.4 27.2 67.2



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

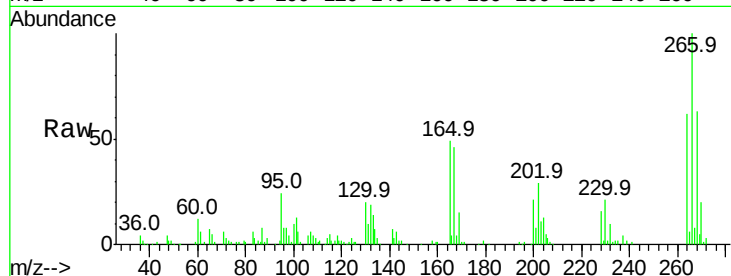




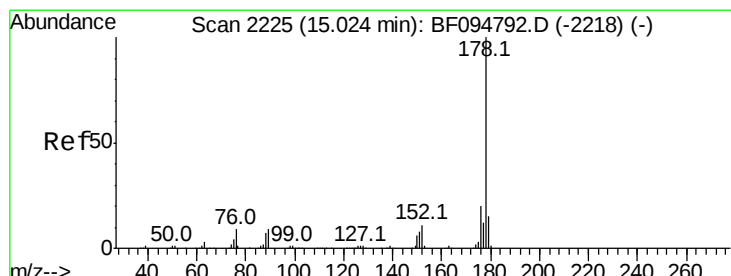
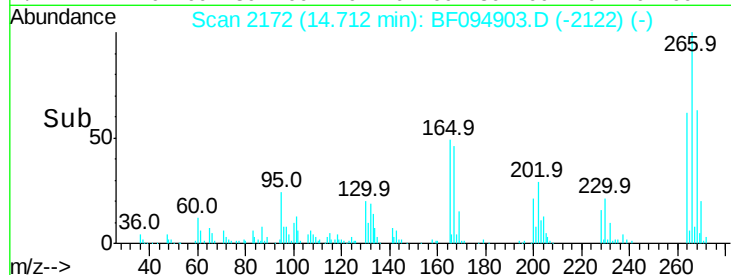
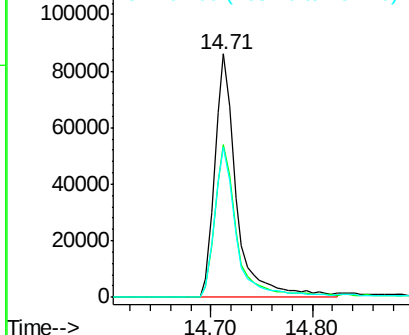
#69
 Pentachlorophenol
 Concen: 90.07 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.8	51.7	77.5

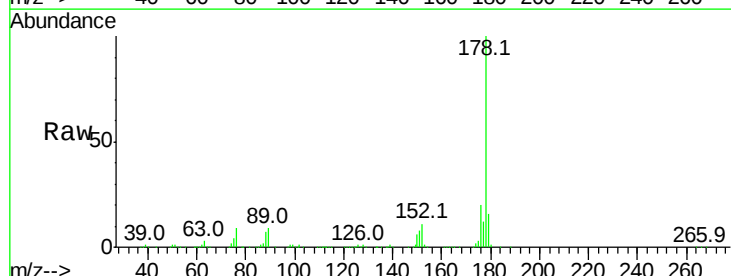


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

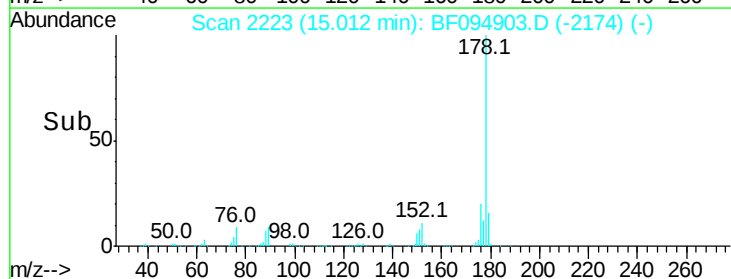
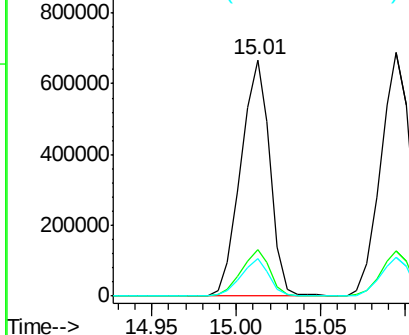


#70
 Phenanthrene
 Concen: 48.07 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.7	12.6	19.0



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

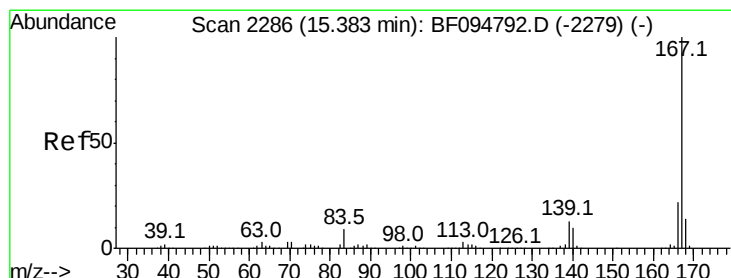
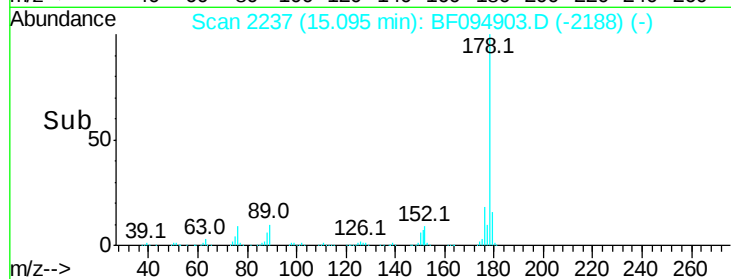
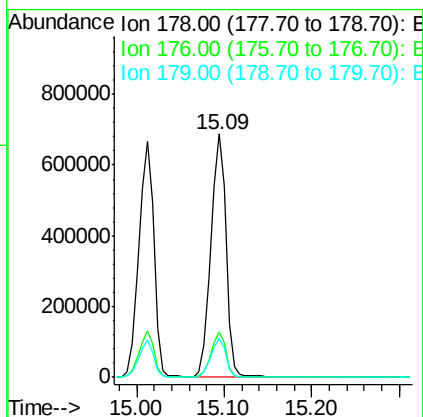
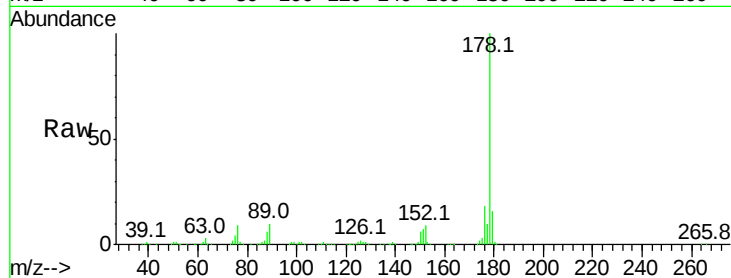




#71
 Anthracene
 Concen: 49.25 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

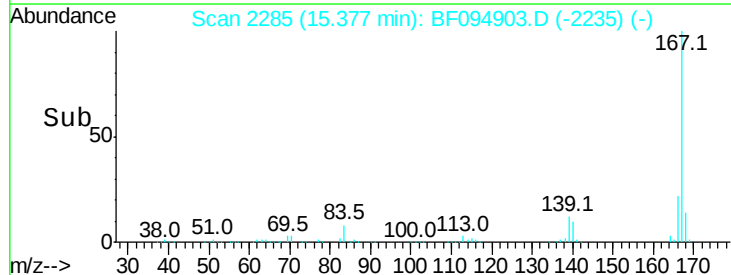
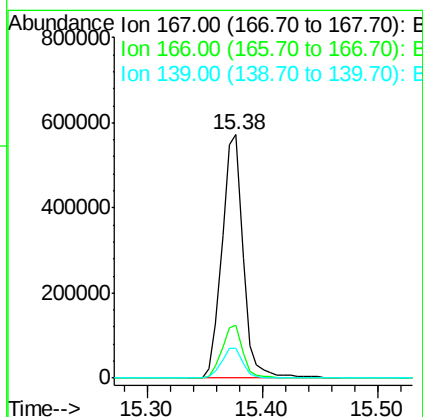
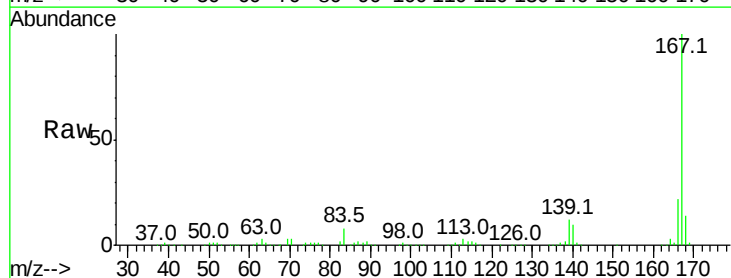
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 840585
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 46.94 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion:167 Resp: 728945
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.5 11.7 17.5

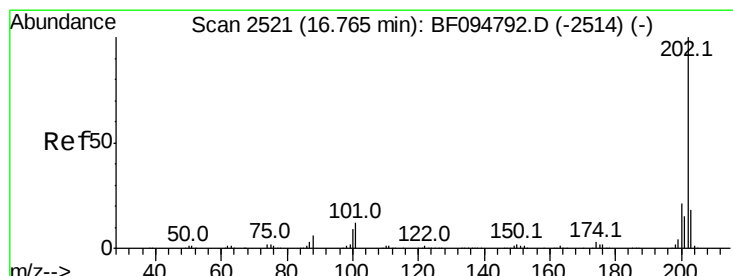
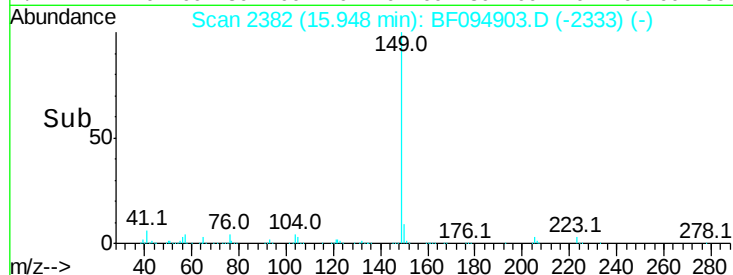
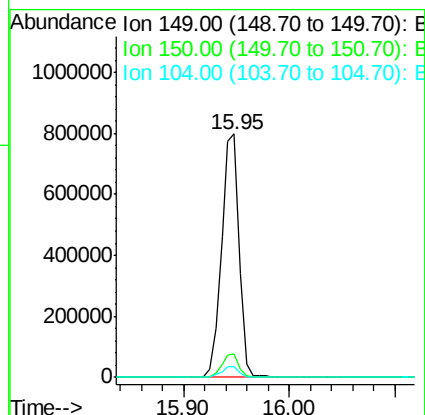
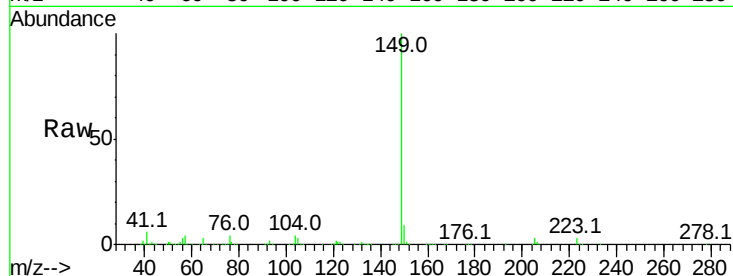




#73
Di-n-butylphthalate
Concen: 48.33 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

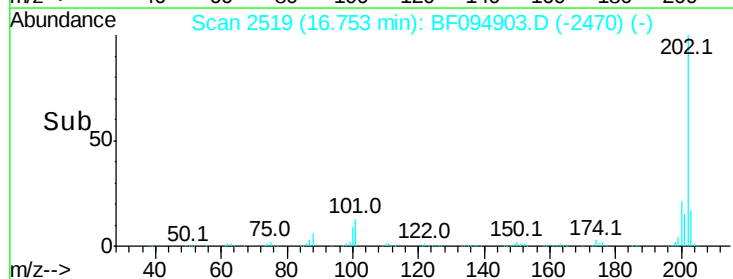
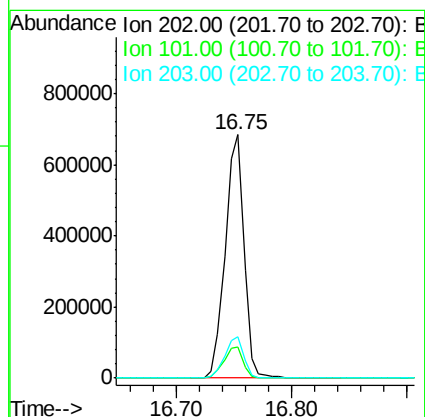
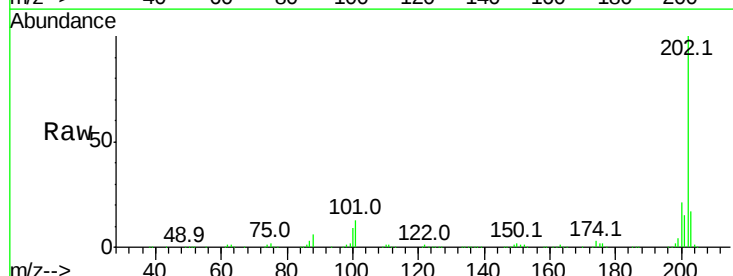
Instrument :
BNA_F
ClientSampleId :

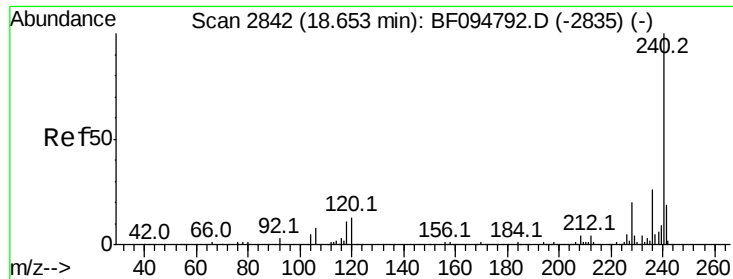
Tot Ion:149 Resp: 936075
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 45.17 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:202 Resp: 774298
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampled :

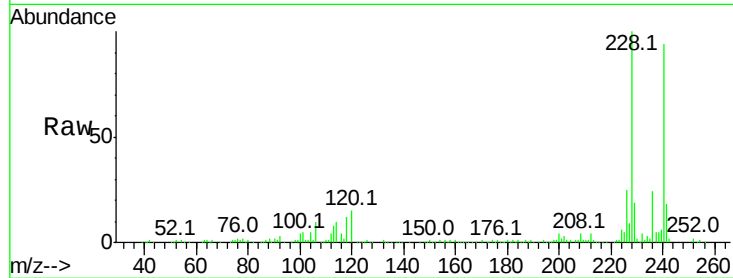
Tot Ion:240 Resp: 202942

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

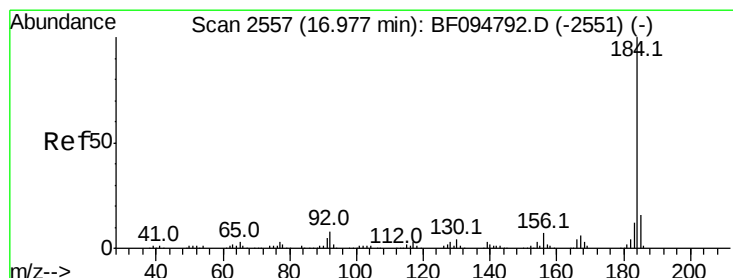
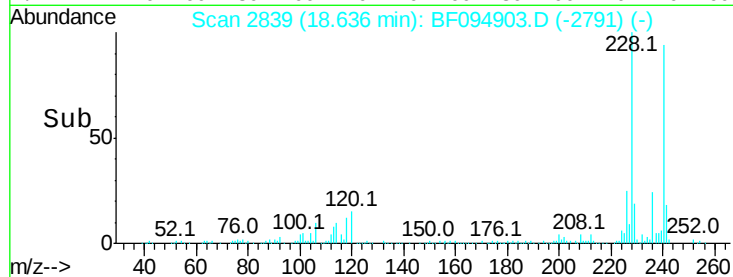
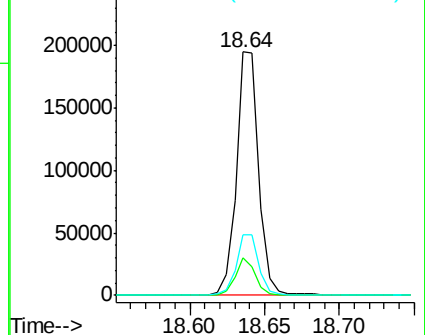
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.55 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

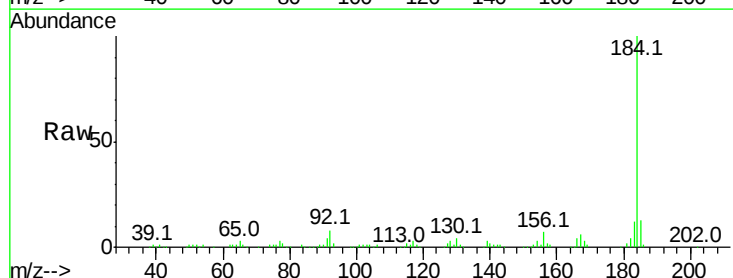
Tgt Ion:184 Resp: 241512

Ion Ratio Lower Upper

184 100

185 12.8 15.5 23.3#

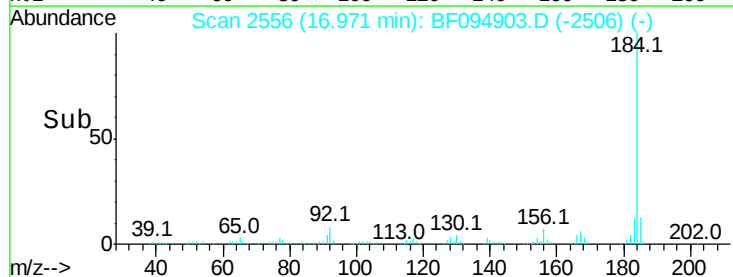
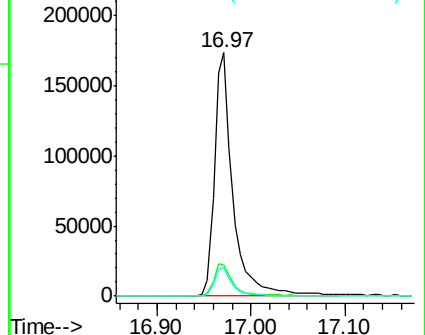
183 12.0 9.8 14.6

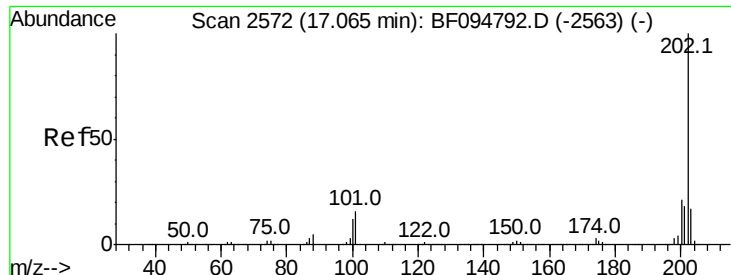


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

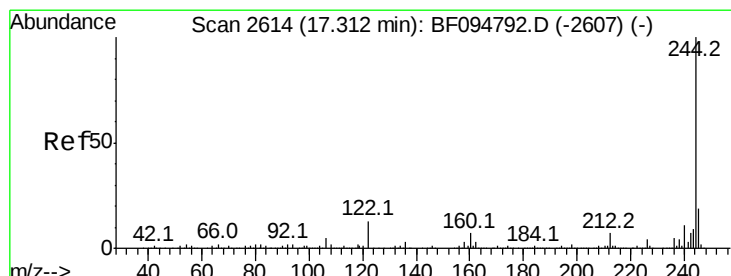
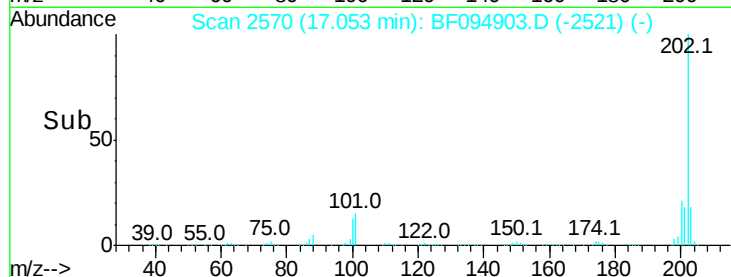
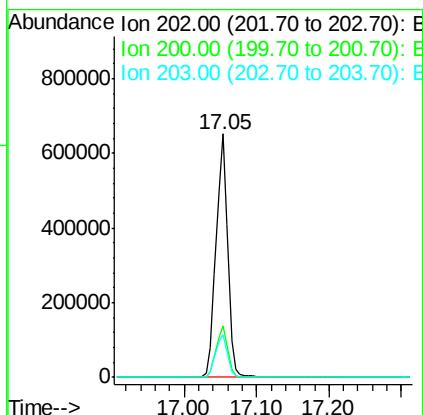
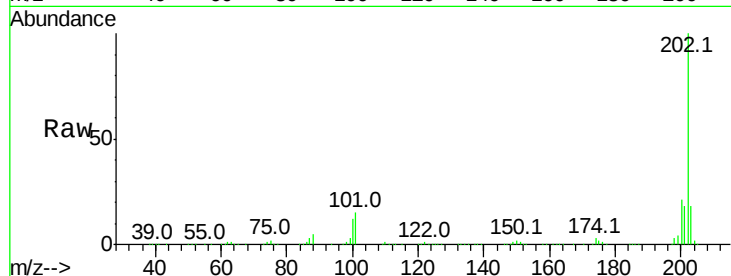




#77
Pvrene
Concen: 48.80 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

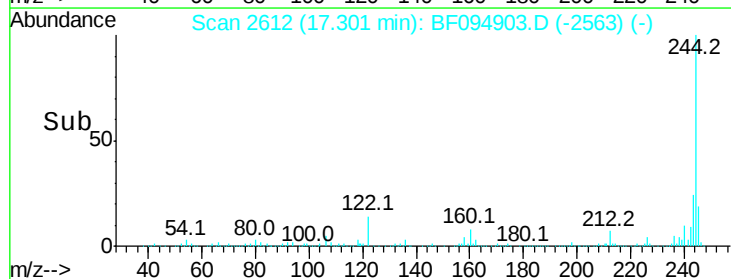
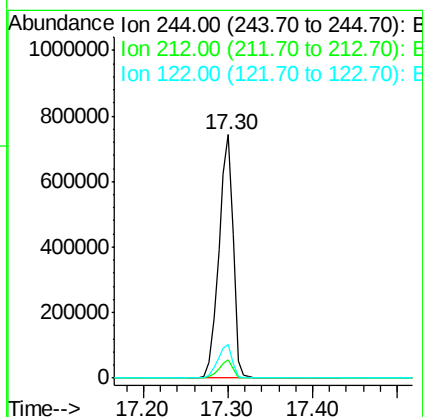
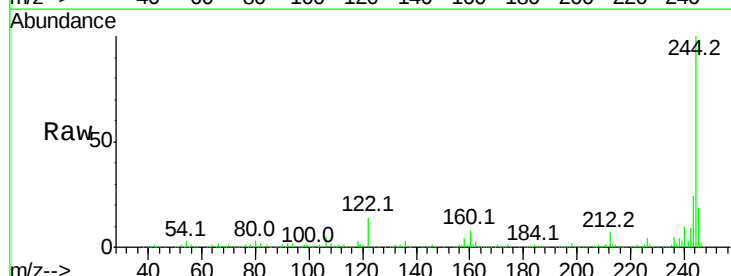
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 740634
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.6 14.4 21.6



#78
Terphenyl-d14
Concen: 96.24 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion:244 Resp: 886708
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.6 10.3 15.5

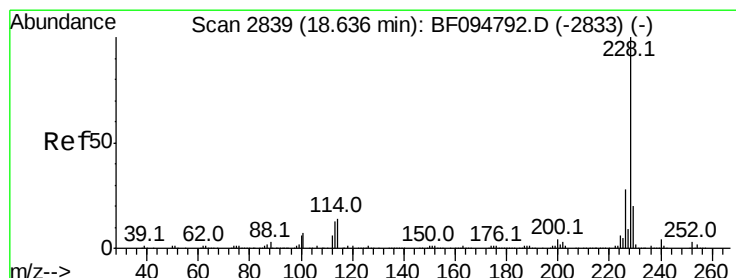
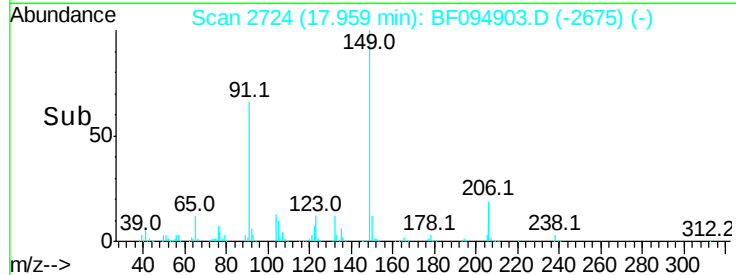
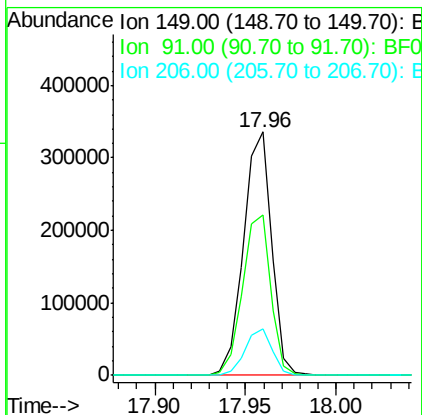
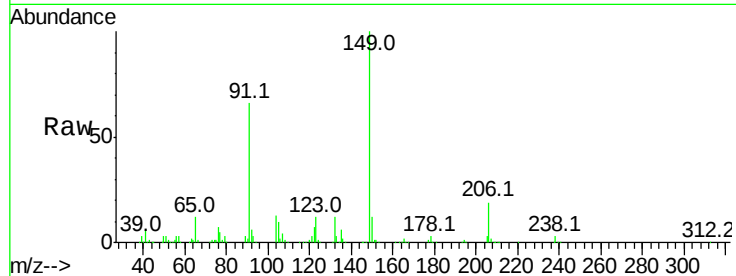




#79
Butylbenzylphthalate
Concen: 51.06 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

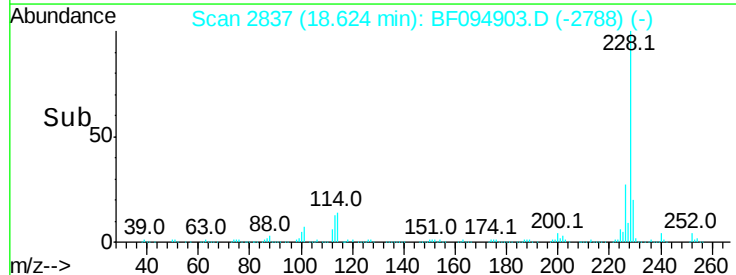
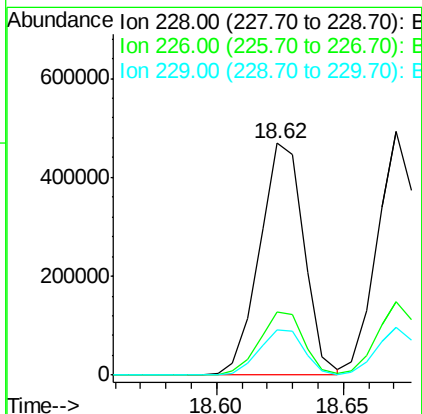
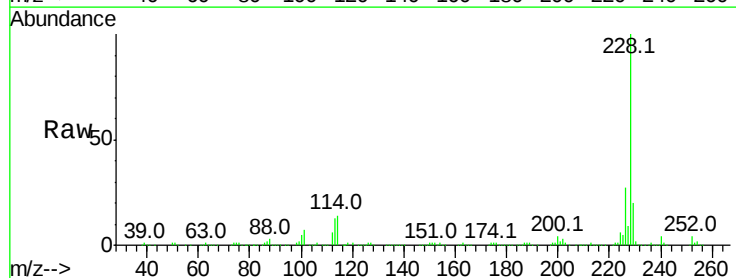
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	45.0	67.4
206	18.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 47.93 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	16.3	24.5

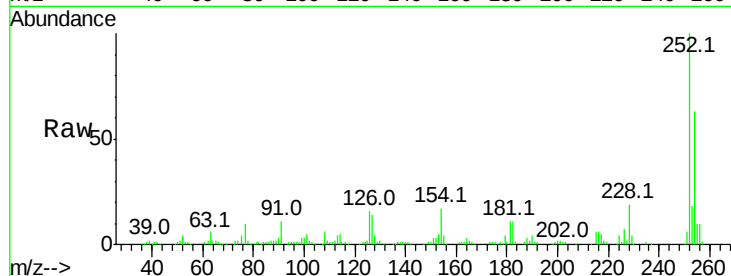




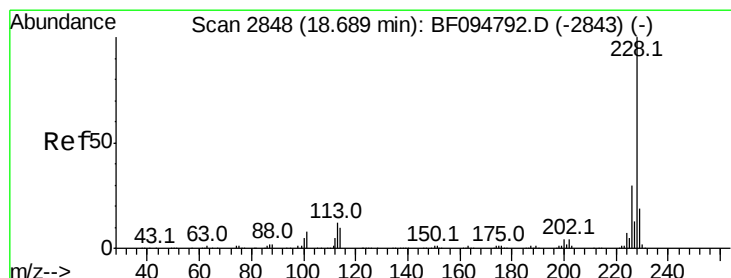
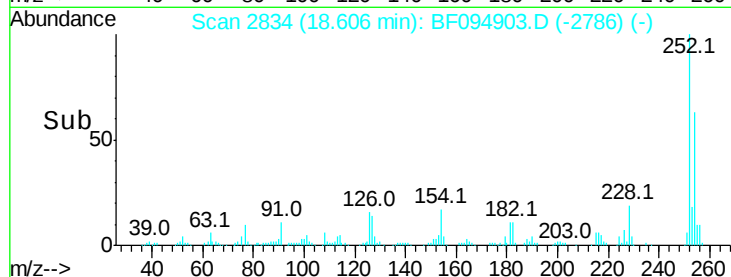
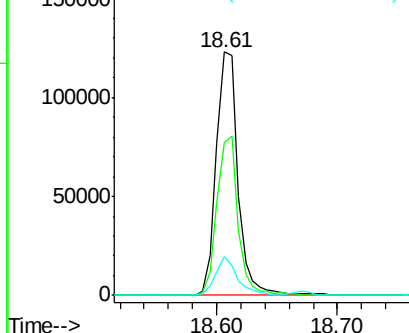
#81
 3,3'-Dichlorobenzidine
 Concen: 37.56 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 153204
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.5 77.3
 126 15.9 15.8 23.8

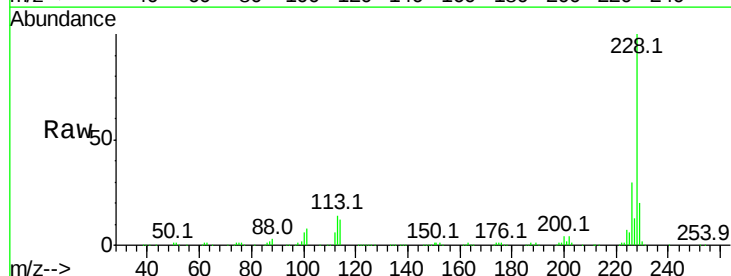


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

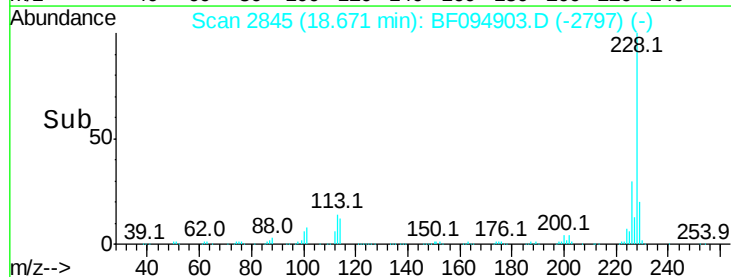
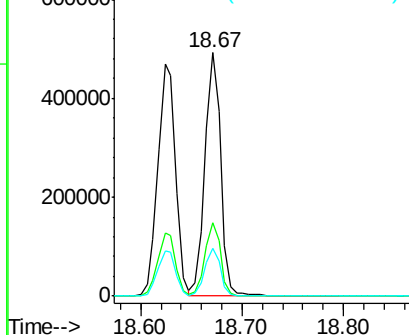


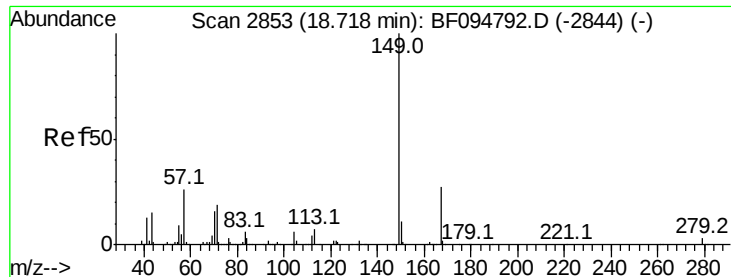
#82
 Chrysene
 Concen: 46.57 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion:228 Resp: 531860
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.8 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.80 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

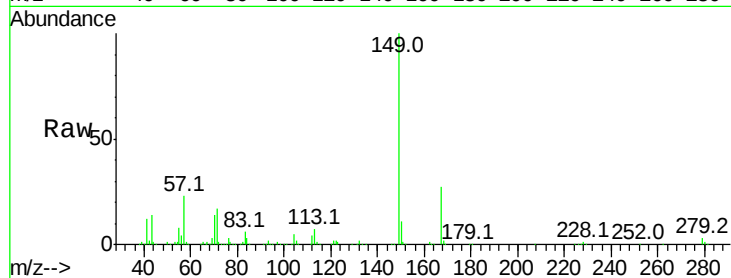
Tot Ion:149 Resp: 510996

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

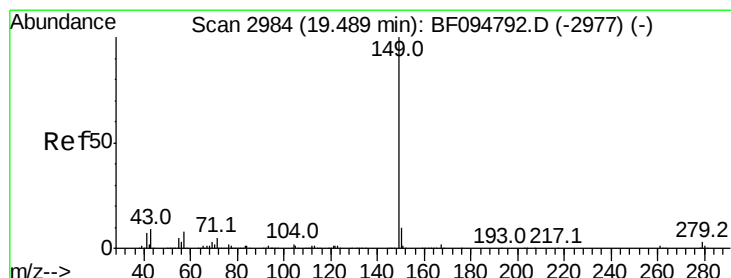
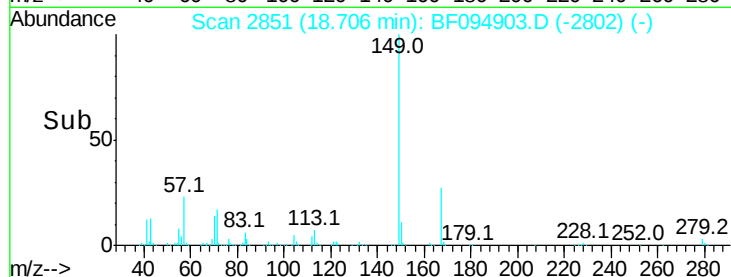
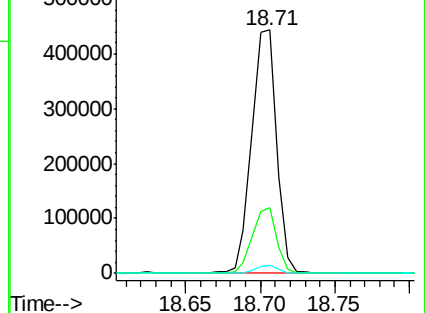
279 3.3 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.81 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

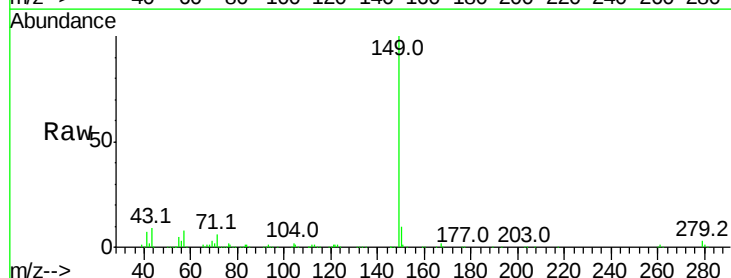
Tgt Ion:149 Resp: 788459

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

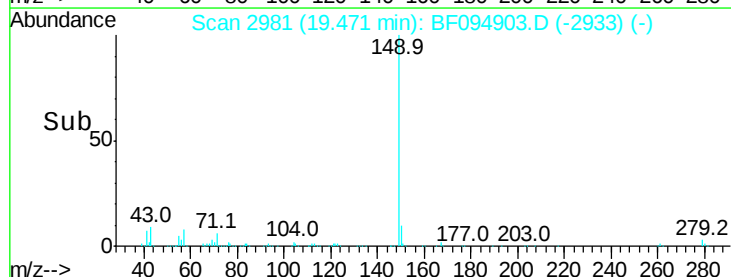
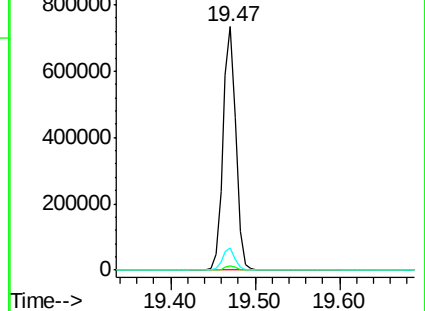
43 8.8 8.5 12.7

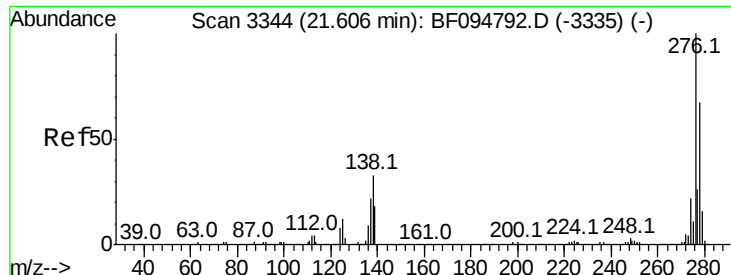


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

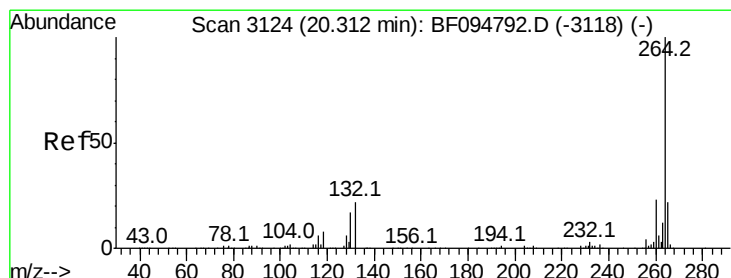
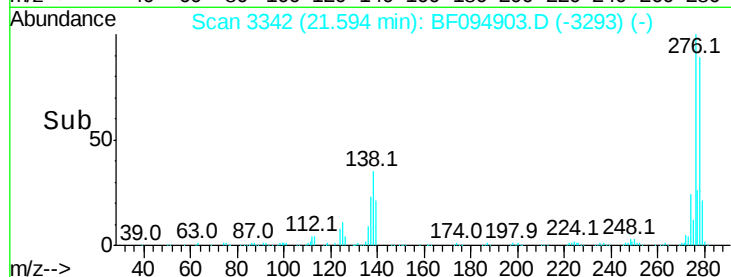
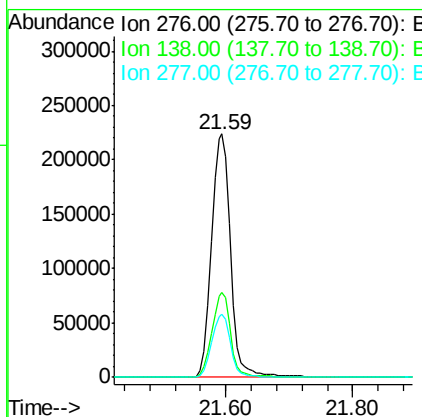
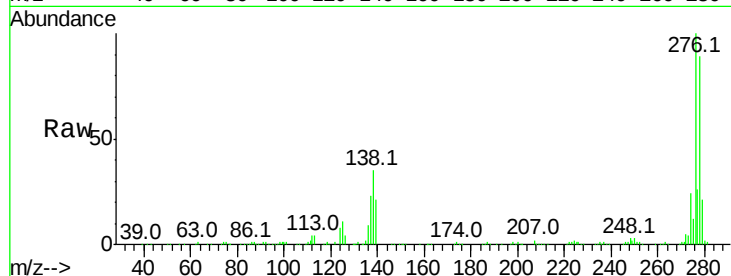




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.75 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

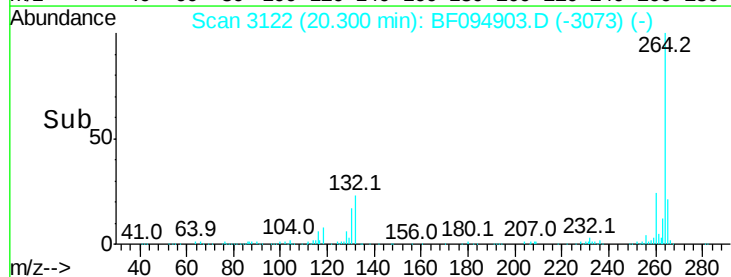
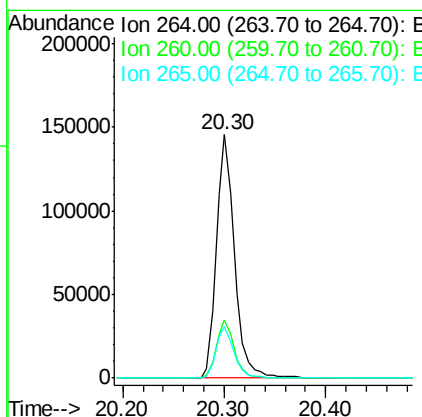
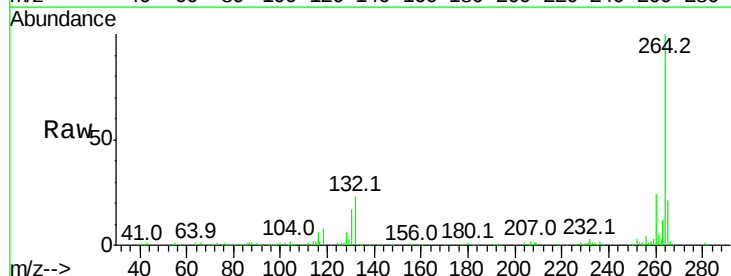
Instrument :
 BNA_F
 ClientSampleId :

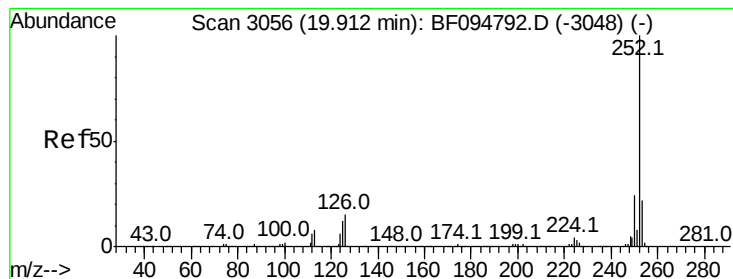
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.14 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

Instrument :

BNA_F

ClientSampleId :

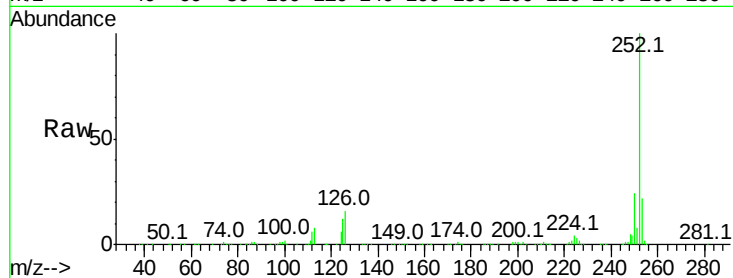
Tot Ion:252 Resp: 537919

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

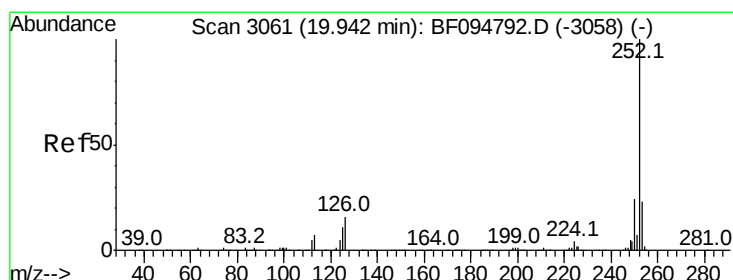
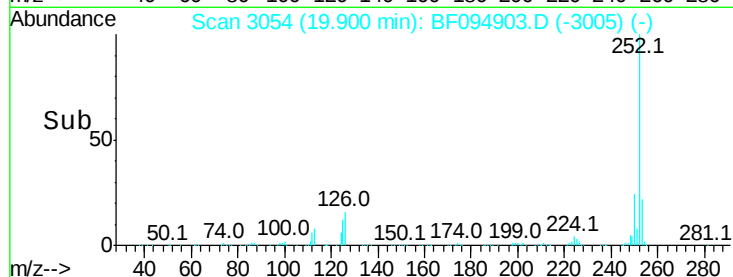
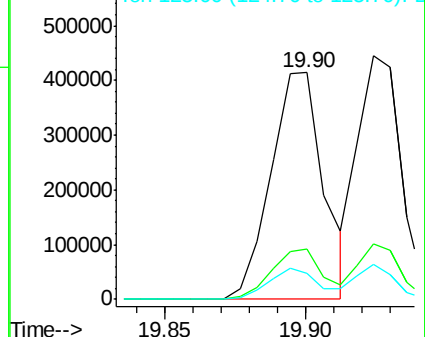
125 11.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.34 ng

RT: 19.92 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BF094903.D

Acq: 5 May 2017 7:28

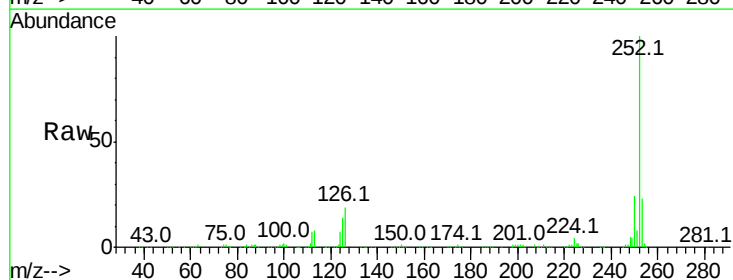
Tgt Ion:252 Resp: 488689

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

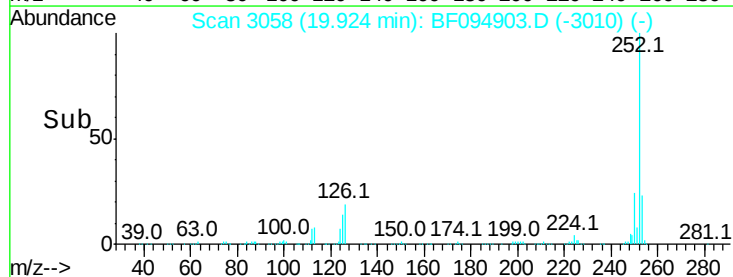
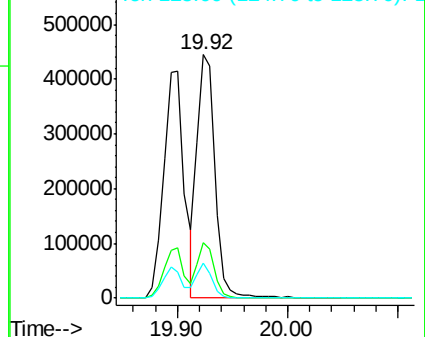
125 14.2 13.1 19.7

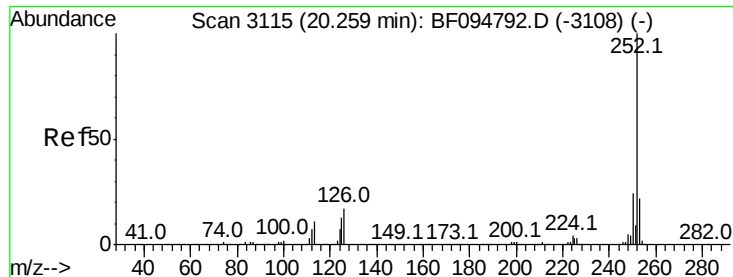


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

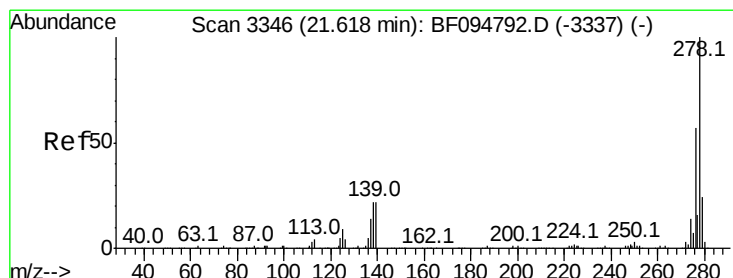
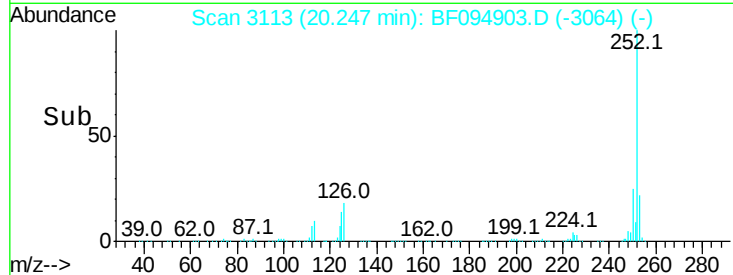
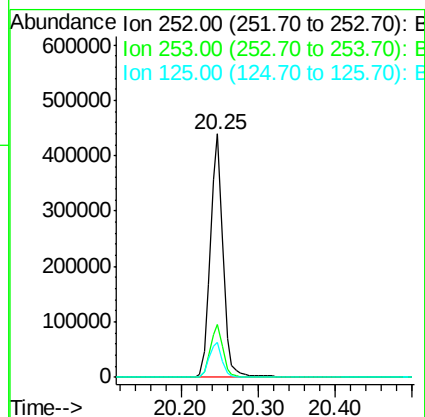
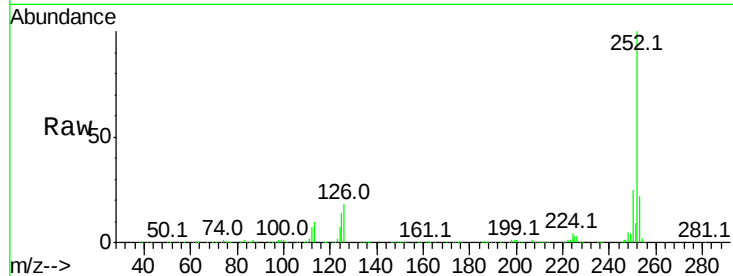




#89
Benzo(a)pyrene
Concen: 47.91 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

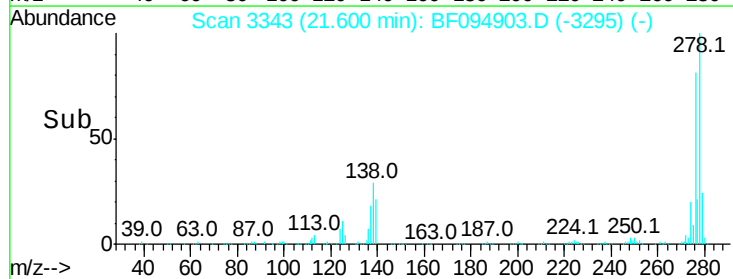
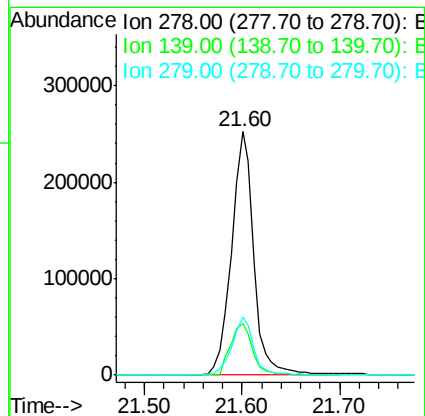
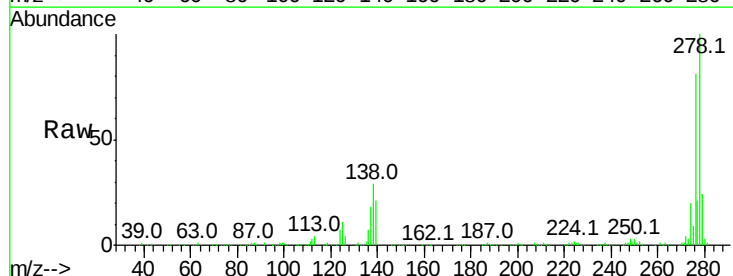
Instrument :
BNA_F
ClientSampleId :

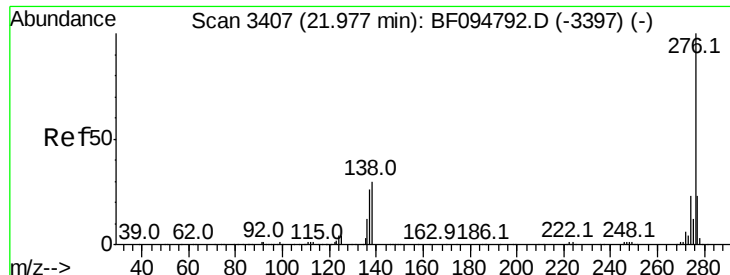
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.2	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.01 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094903.D
Acq: 5 May 2017 7:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.37 ng
 RT: 21.96 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094903.D
 Acq: 5 May 2017 7:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	370798
Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	29.1	25.4	38.0

