

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094945.D
 Acq On : 6 May 2017 6:24
 Operator : SJ/MA
 Sample : PB98586BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 01:35:20 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	98425	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	415370	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	187714	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	326413	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	245647	20.00	ng	-0.01
86) Perylene-d12	20.31	264	187151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	782263	132.51	ng	0.00
7) Phenol-d6	7.27	99	920363	129.93	ng	0.00
23) Nitrobenzene-d5	8.62	82	544153	82.61	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	191277	124.42	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1075714	82.48	ng	-0.01
78) Terphenyl-d14	17.30	244	912965	81.86	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	92028	31.79	ng	98
3) Pyridine	2.84	79	226526	33.76	ng	99
4) n-Nitrosodimethylamine	2.76	42	110916	39.65	ng	88
6) Aniline	7.23	93	203121	22.71	ng	94
8) 2-Chlorophenol	7.41	128	281390	41.88	ng	97
9) Benzaldehyde	7.05	77	39432	9.12	ng	95
10) Phenol	7.29	94	323790	43.38	ng	89
11) bis(2-Chloroethyl)ether	7.36	93	255537	41.47	ng	98
12) 1,3-Dichlorobenzene	7.63	146	302261	39.65	ng	100
13) 1,4-Dichlorobenzene	7.75	146	313428	40.55	ng	98
14) 1,2-Dichlorobenzene	7.98	146	296693	41.12	ng	97
15) Benzyl Alcohol	8.01	79	215641	47.33	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333001	38.18	ng	53
17) 2-Methylphenol	8.22	107	232265	42.24	ng	# 88
18) Hexachloroethane	8.51	117	104164	39.78	ng	89
19) n-Nitroso-di-n-propylamine	8.43	70	201479	42.06	ng	95
20) 3+4-Methylphenols	8.48	107	317427	42.48	ng	# 59
22) Acetophenone	8.40	105	399938	40.13	ng	# 84
24) Nitrobenzene	8.65	77	282257	40.88	ng	94
25) Isophorone	9.05	82	490315	41.69	ng	95
26) 2-Nitrophenol	9.16	139	155711	41.80	ng	98
27) 2,4-Dimethylphenol	9.30	122	253281	42.05	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	326375	40.11	ng	98
29) 2,4-Dichlorophenol	9.58	162	240884	42.35	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	243017	39.88	ng	98
31) Naphthalene	9.78	128	823533	39.45	ng	99
32) Benzoic acid	9.61	122	165327	42.46	ng	97
33) 4-Chloroaniline	9.94	127	43975	5.65	ng	# 87
34) Hexachlorobutadiene	10.00	225	119689	37.23	ng	98
35) Caprolactam	10.54	113	40822	23.90	ng	91
36) 4-Chloro-3-methylphenol	10.77	107	250362	41.17	ng	90
37) 2-Methylnaphthalene	10.90	142	566171	41.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	218060	37.77	ng	100
40) Hexachlorocyclopentadiene	11.16	237	184353	76.27	ng	99

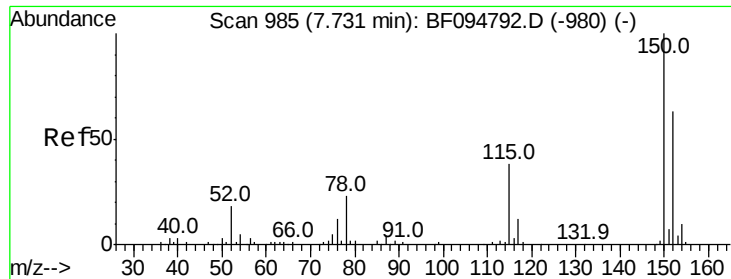
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	160131	41.55	nq	99
43) 2,4,5-Trichlorophenol	11.48	196	164261	39.65	nq	# 93
45) 1,1'-Biphenyl	11.67	154	650214	41.14	nq	97
46) 2-Chloronaphthalene	11.68	162	512138	40.13	nq	95
47) 2-Nitroaniline	11.89	65	140505	40.23	nq	# 80
48) Acenaphthylene	12.34	152	812993	40.67	nq	98
49) Dimethylphthalate	12.21	163	608042	39.46	nq	99
50) 2,6-Dinitrotoluene	12.31	165	132259	42.07	nq	98
51) Acenaphthene	12.62	154	484484	40.58	nq	97
52) 3-Nitroaniline	12.58	138	54662	16.20	nq	# 89
53) 2,4-Dinitrophenol	12.77	184	123531	72.02	nq	# 67
54) Dibenzofuran	12.91	168	721431	43.67	nq	98
55) 4-Nitrophenol	12.95	139	161481	79.68	nq	# 80
56) 2,4-Dinitrotoluene	12.97	165	173671	42.99	nq	# 86
57) Fluorene	13.47	166	584378	40.68	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	127245	48.81	nq	92
59) Diethylphthalate	13.37	149	567655	38.43	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	263348	41.71	nq	89
61) 4-Nitroaniline	13.58	138	122640	39.59	nq	98
62) Azobenzene	13.75	77	534161	45.01	nq	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	88772	40.57	nq	# 68
65) n-Nitrosodiphenylamine	13.70	169	487634	41.16	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	146694	42.54	nq	99
67) Hexachlorobenzene	14.36	284	142839	40.42	nq	# 86
68) Atrazine	14.62	200	146209	43.71	nq	96
69) Pentachlorophenol	14.71	266	125110	78.42	nq	96
70) Phenanthrene	15.01	178	783555	41.78	nq	98
71) Anthracene	15.09	178	820288	42.82	nq	98
72) Carbazole	15.38	167	708751	40.66	nq	97
73) Di-n-butylphthalate	15.94	149	889101	40.90	nq	99
74) Fluoranthene	16.75	202	825920	42.93	nq	98
76) Benzidine	16.97	184	254268	39.61	nq	# 93
77) Pyrene	17.05	202	823468	44.82	nq	99
79) Butylbenzylphthalate	17.96	149	384661	45.01	nq	90
80) Benzo(a)anthracene	18.63	228	604945	42.31	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	118111	23.92	nq	# 97
82) Chrysene	18.67	228	575878	41.66	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	525762	43.18	nq	# 99
84) Di-n-octyl phthalate	19.47	149	846600	42.41	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	493342	43.95	nq	99
87) Benzo(b)fluoranthene	19.90	252	507055	43.85	nq	98
88) Benzo(k)fluoranthene	19.92	252	495026	44.38	nq	97
89) Benzo(a)pyrene	20.25	252	460569	43.16	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	411585	46.70	nq	97
91) Benzo(g,h,i)perylene	21.96	276	423953	49.02	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

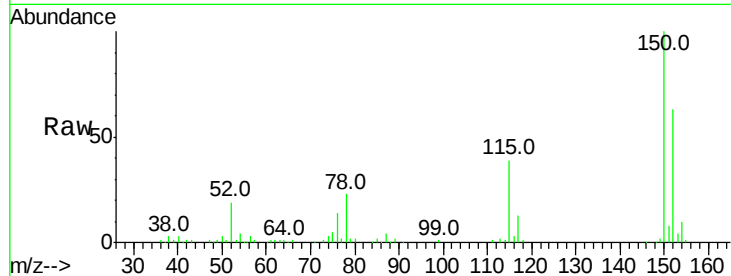
Tot Ion:152 Resp: 98425

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

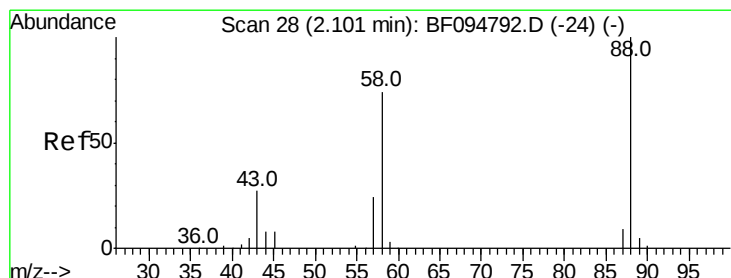
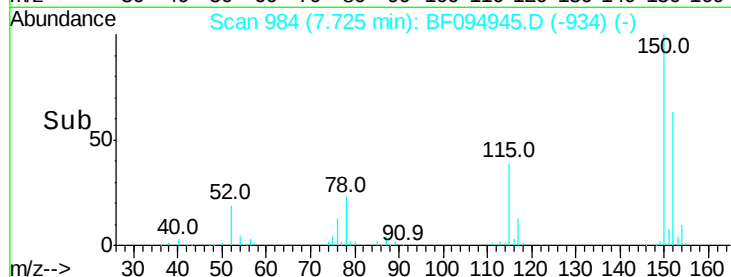
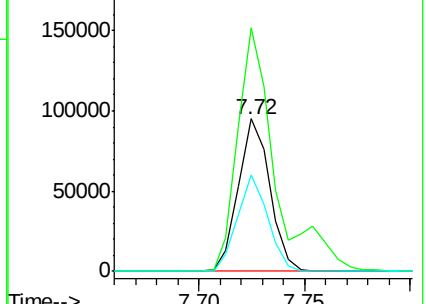
115 62.8 52.2 78.2



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: 31.79 ng

RT: 2.16 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

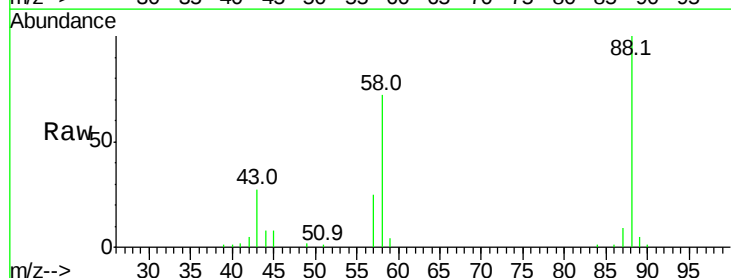
Tgt Ion: 88 Resp: 92028

Ion Ratio Lower Upper

88 100

58 74.9 61.4 92.0

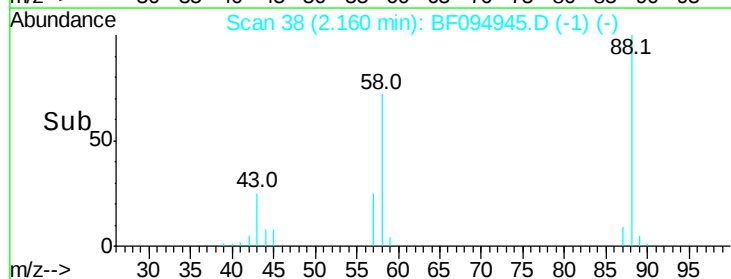
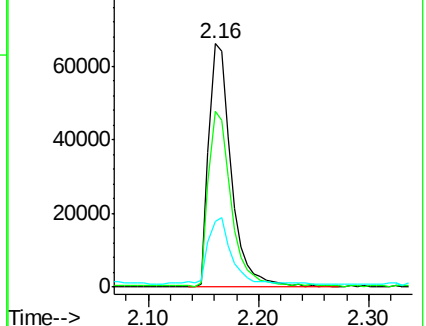
43 28.0 23.4 35.0



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: 33.76 ng

RT: 2.84 min Scan# 154

Delta R.T. 0.08 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

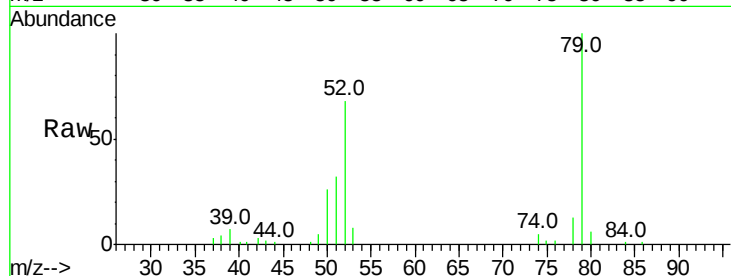
Tot Ion: 79 Resp: 226526

Ion Ratio Lower Upper

79 100

52 68.0 54.8 82.2

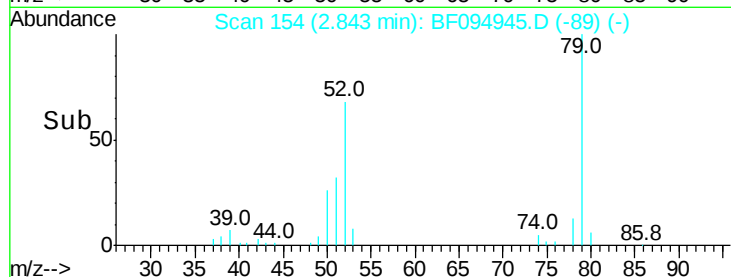
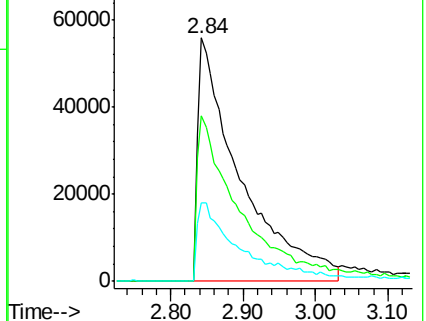
51 32.2 27.0 40.4



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: 39.65 ng

RT: 2.76 min Scan# 140

Delta R.T. 0.06 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

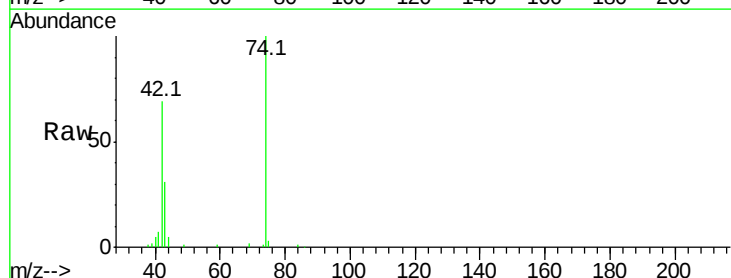
Tgt Ion: 42 Resp: 110916

Ion Ratio Lower Upper

42 100

74 144.3 103.9 155.9

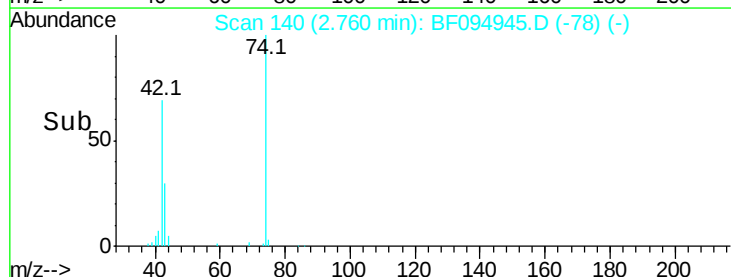
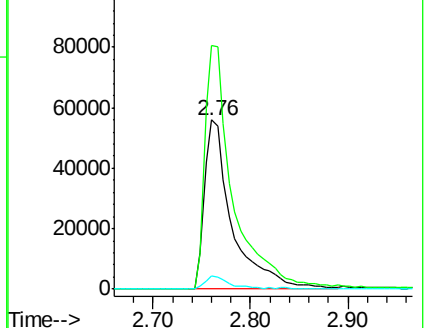
44 7.7 5.7 8.5

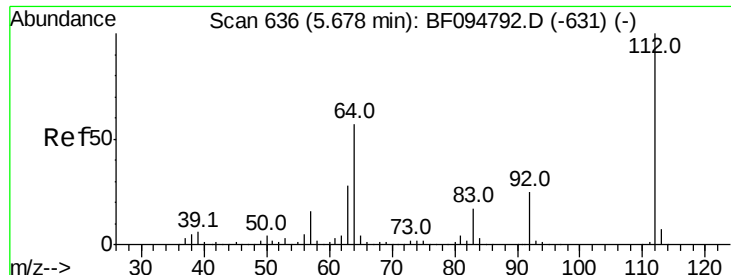


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 132.51 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

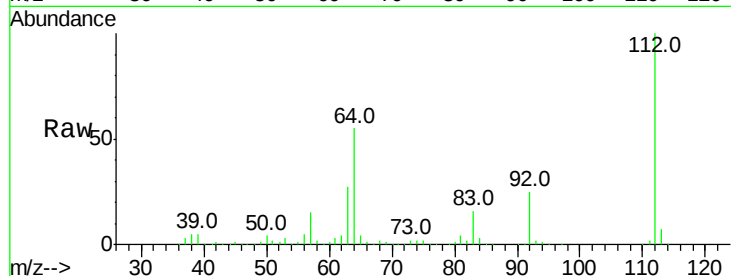
Tot Ion:112 Resp: 782263

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

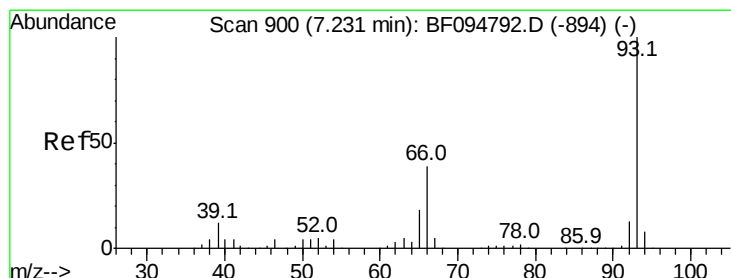
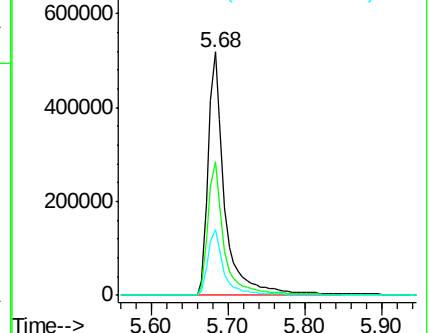
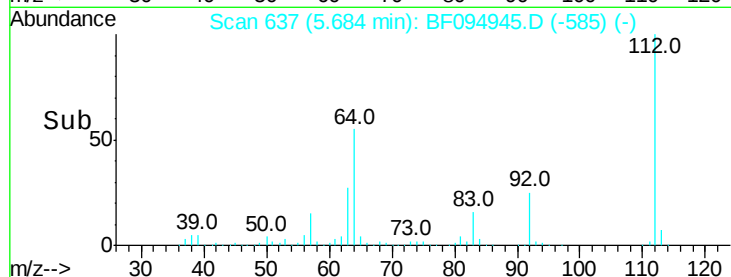
63 26.9 23.4 35.0



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: 22.71 ng

RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

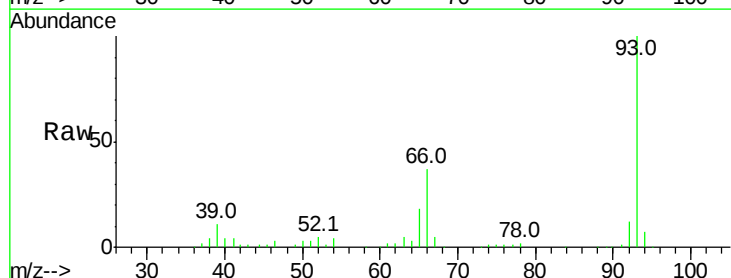
Tgt Ion: 93 Resp: 203121

Ion Ratio Lower Upper

93 100

66 36.6 32.9 49.3

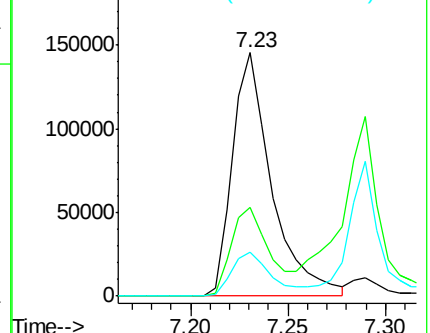
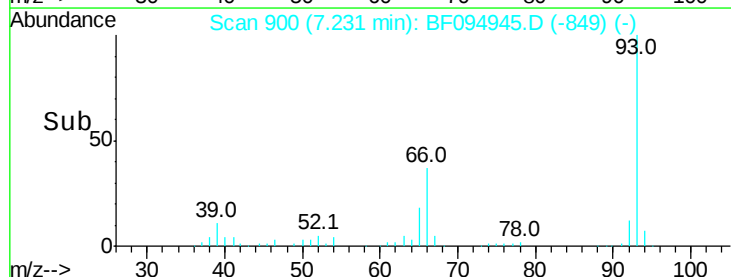
65 18.0 16.0 24.0



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: 129.93 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampled :

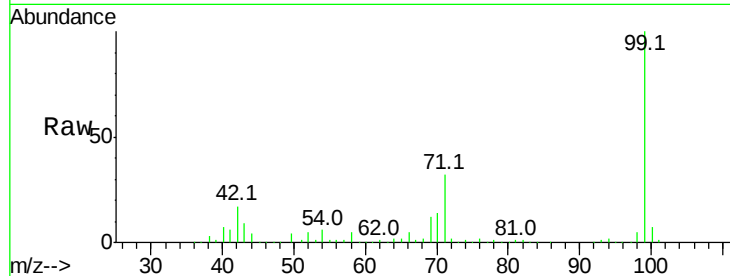
Tot Ion: 99 Resp: 920363

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

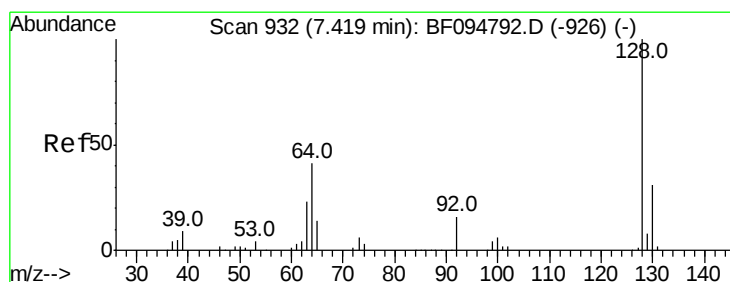
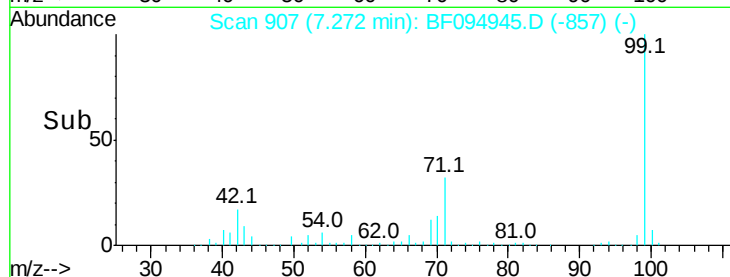
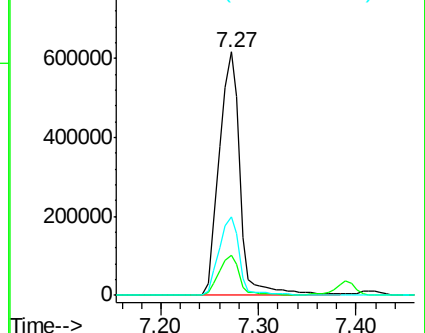
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.88 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

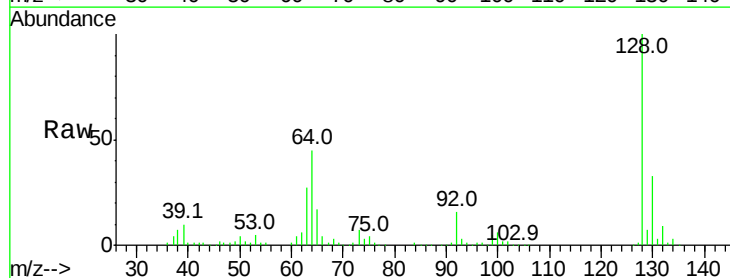
Tgt Ion: 128 Resp: 281390

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

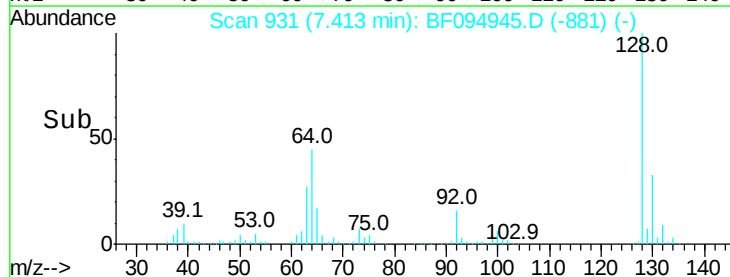
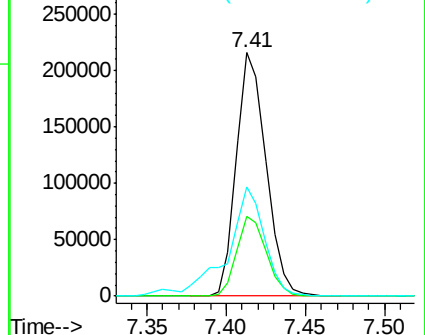
64 44.9 28.4 68.4

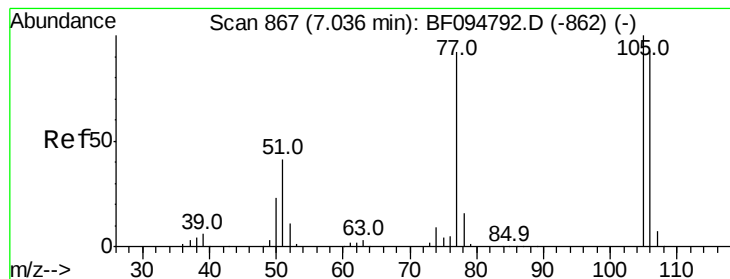


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.12 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampled :

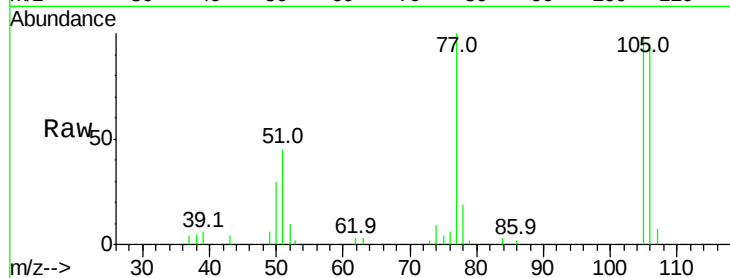
Tot Ion: 77 Resp: 39432

Ion Ratio Lower Upper

77 100

105 98.9 83.8 123.8

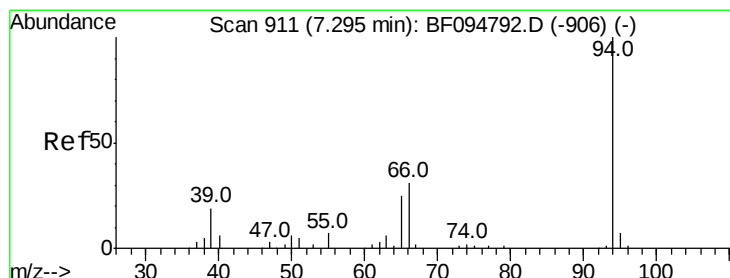
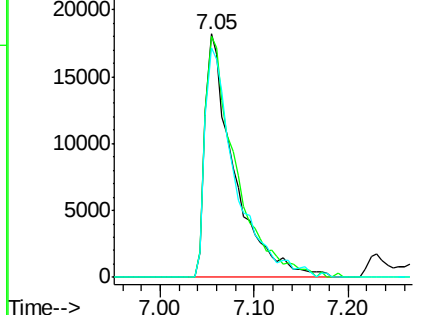
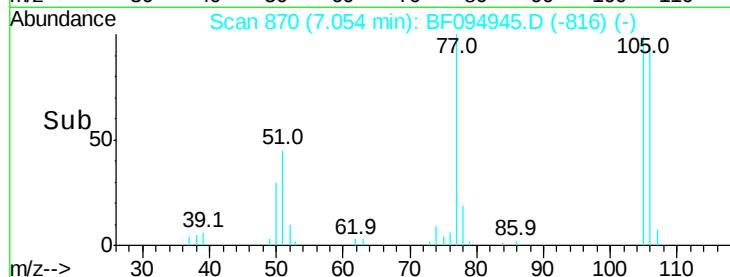
106 94.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.38 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

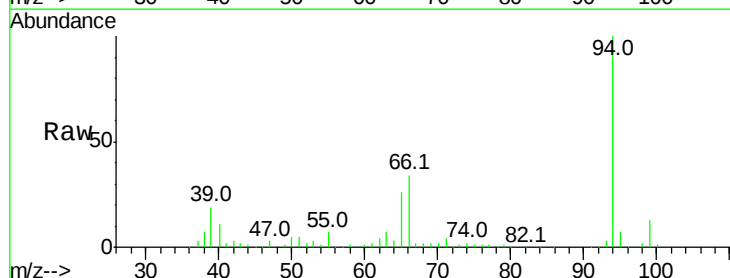
Tgt Ion: 94 Resp: 323790

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

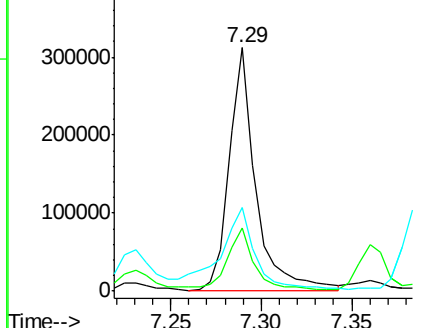
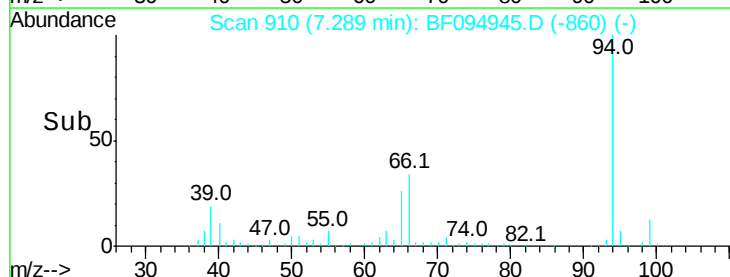
66 34.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

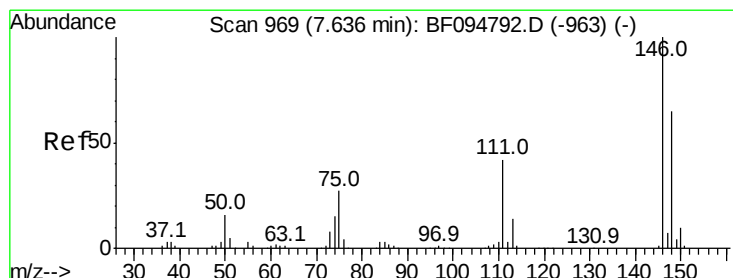
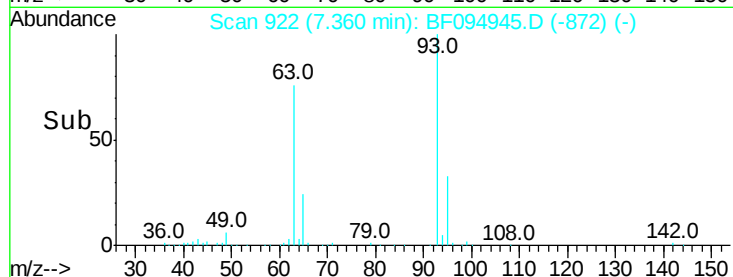
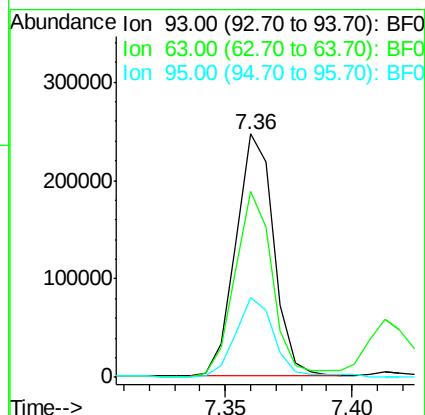
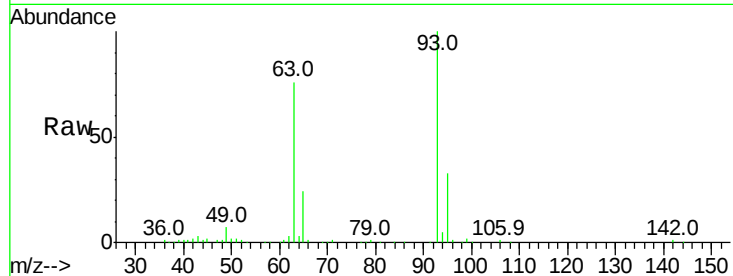




#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

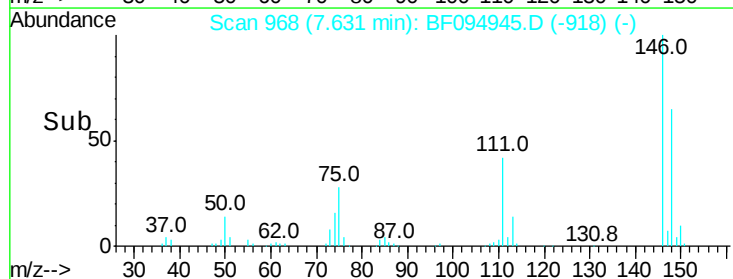
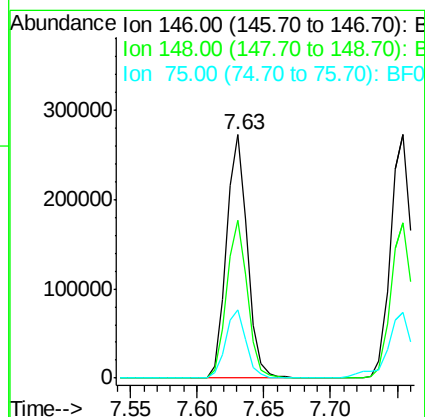
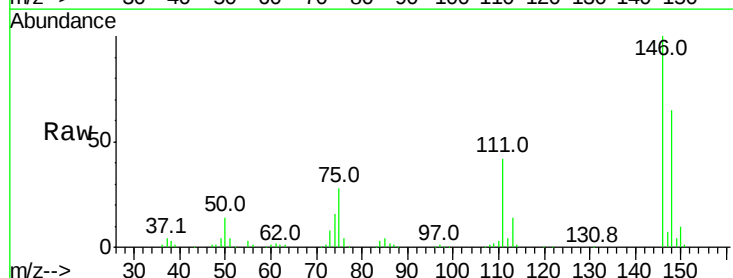
Instrument :
BNA_F
ClientSampleId :

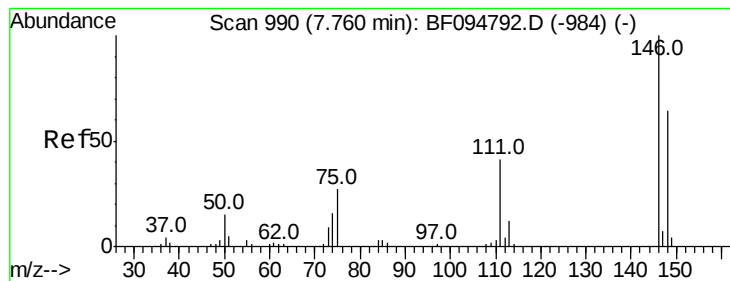
Tot Ion: 93 Resp: 25537
Ion Ratio Lower Upper
93 100
63 76.4 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.65 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion: 146 Resp: 302261
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.55 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

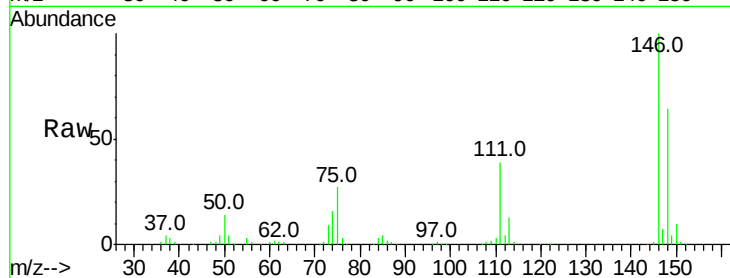
Tot Ion:146 Resp: 313428

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

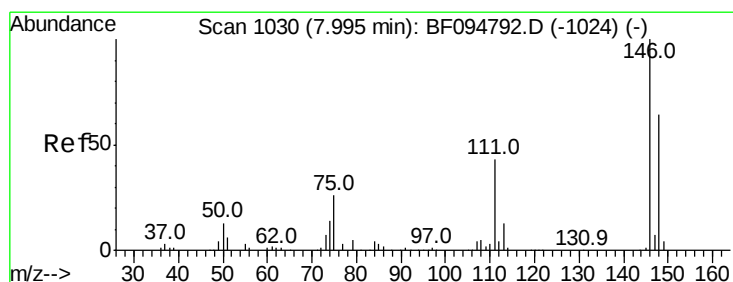
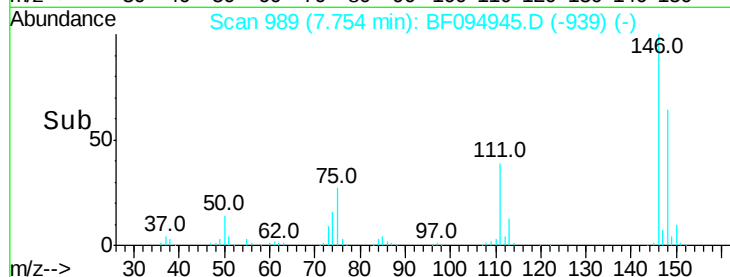
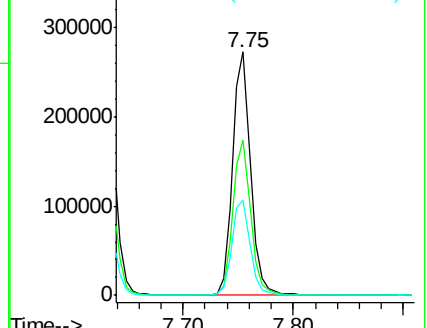
111 39.3 30.3 45.5



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: 41.12 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

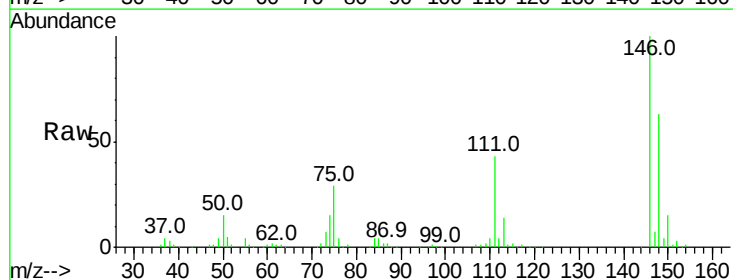
Tgt Ion:146 Resp: 296693

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

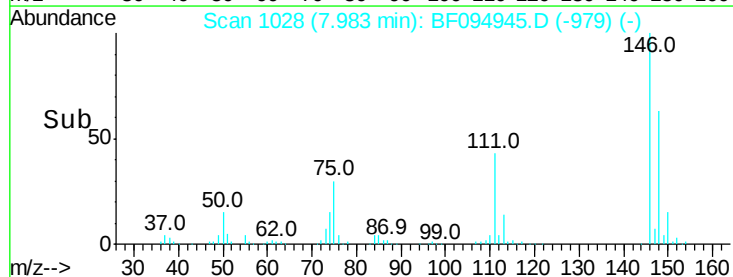
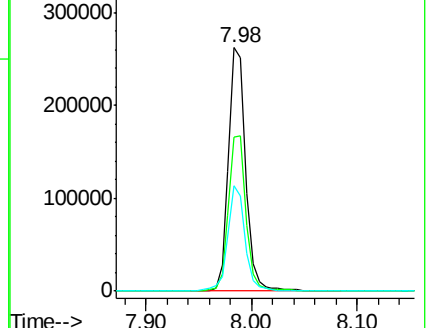
111 43.2 38.2 57.4

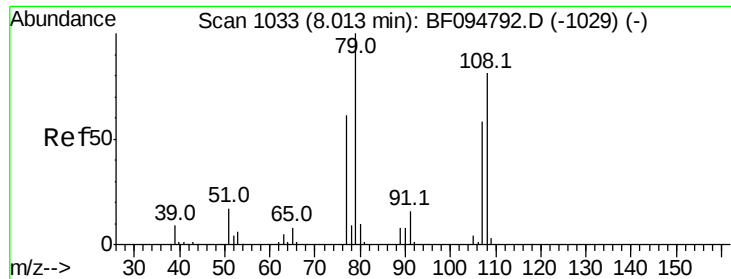


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

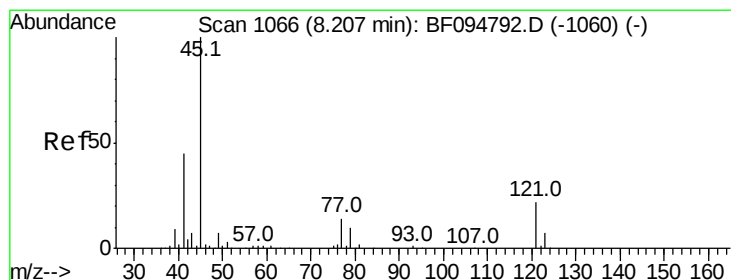
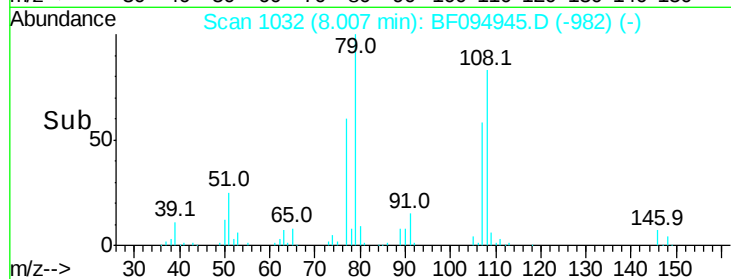
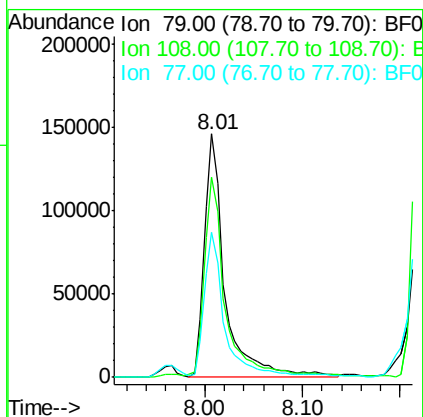
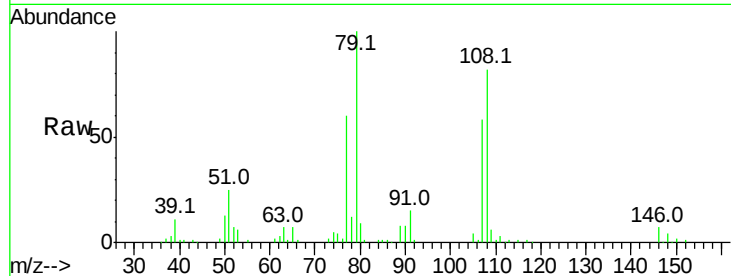




#15
Benzyl Alcohol
Concen: 47.33 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

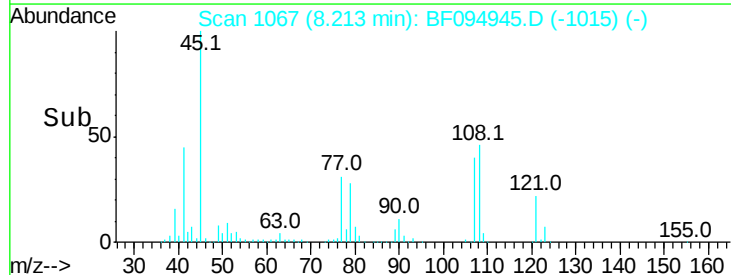
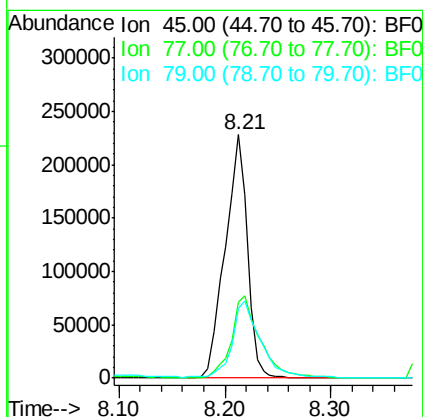
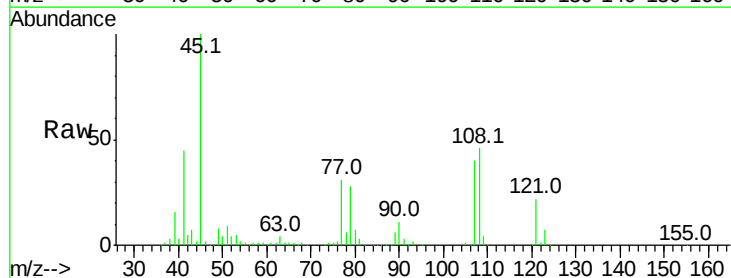
Instrument :
BNA_F
ClientSampled :

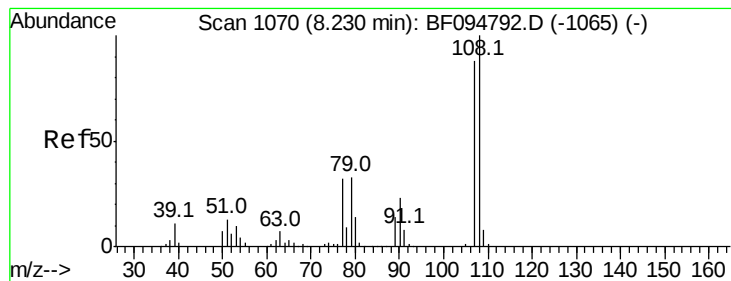
Tot Ion: 79 Resp: 215641
Ion Ratio Lower Upper
79 100
108 82.1 63.4 95.0
77 59.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.18 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion: 45 Resp: 333001
Ion Ratio Lower Upper
45 100
77 31.2 0.0 33.2
79 28.5 0.0 30.0

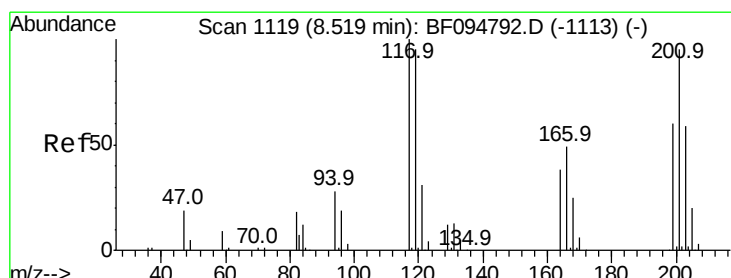
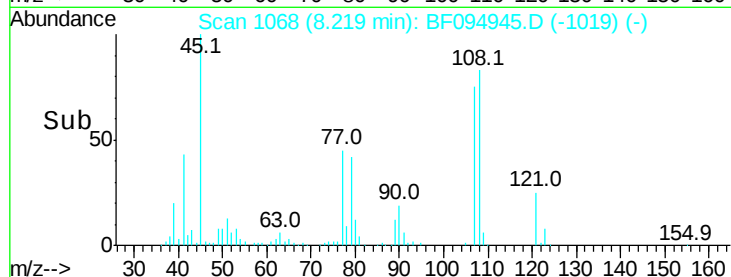
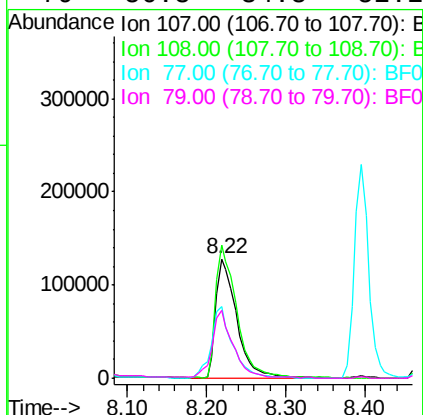
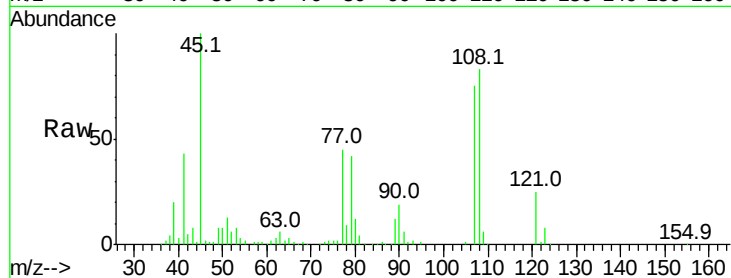




#17
2-Methylphenol
Concen: 42.24 ng
RT: 8.22 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

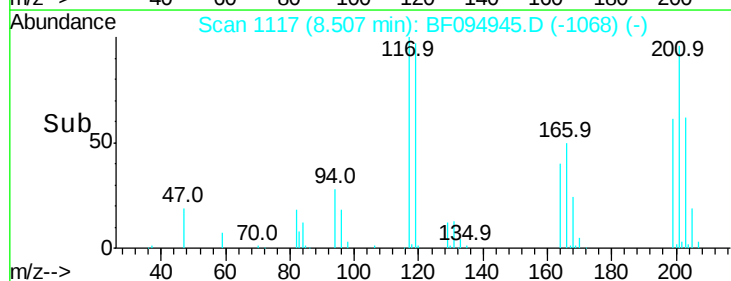
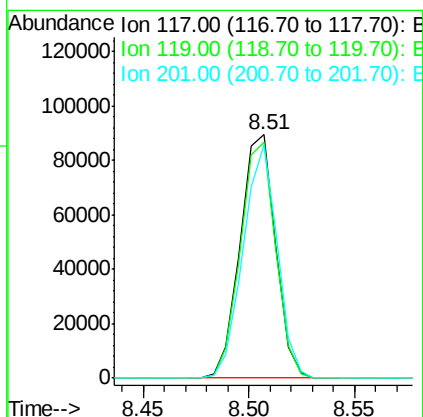
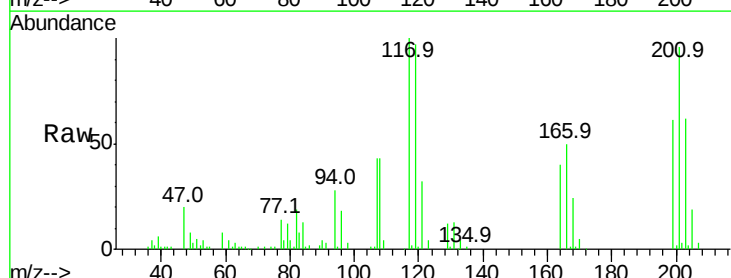
Instrument :
BNA_F
ClientSampled :

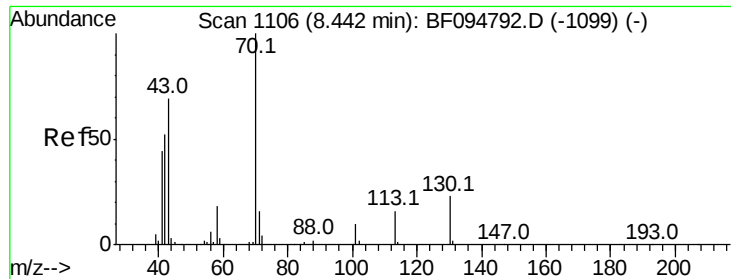
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	93.4	140.0
77	59.9	35.8	53.6#
79	56.8	34.8	52.2#



#18
Hexachloroethane
Concen: 39.78 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	95.9	94.6	141.8

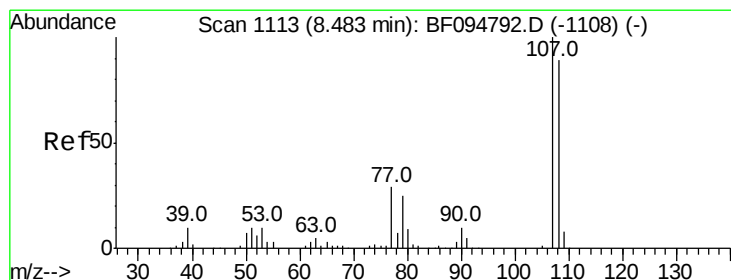
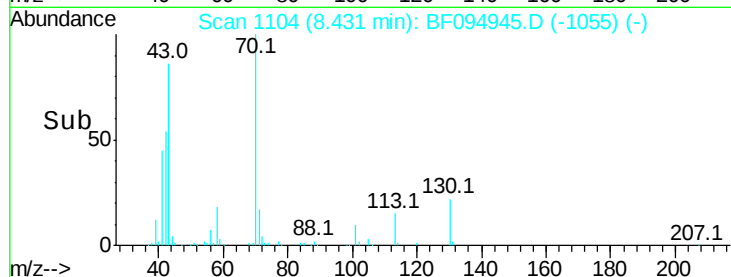
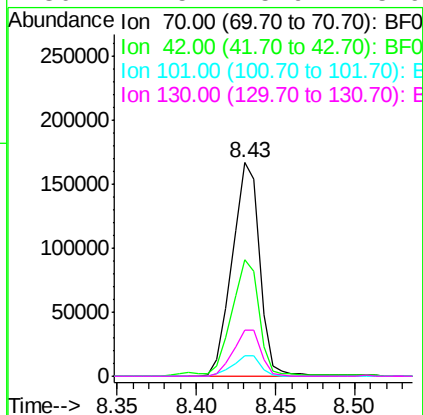
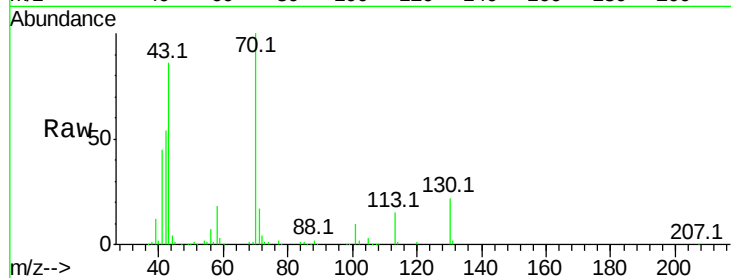




#19
n-Nitroso-di-n-propylamine
Concen: 42.06 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

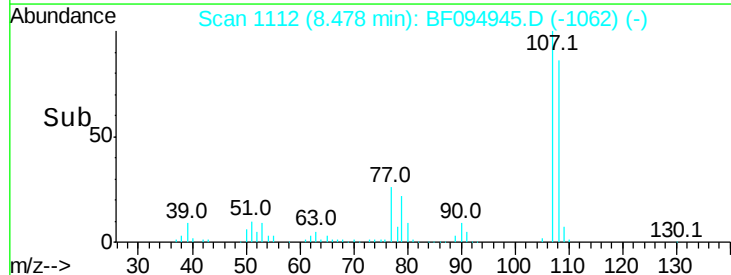
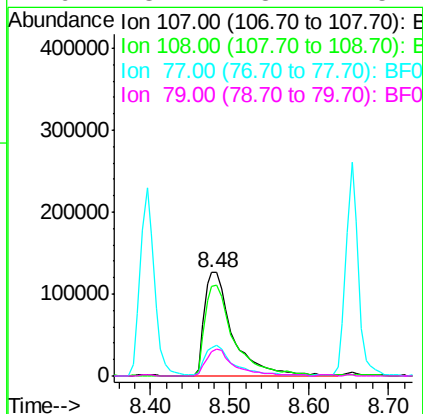
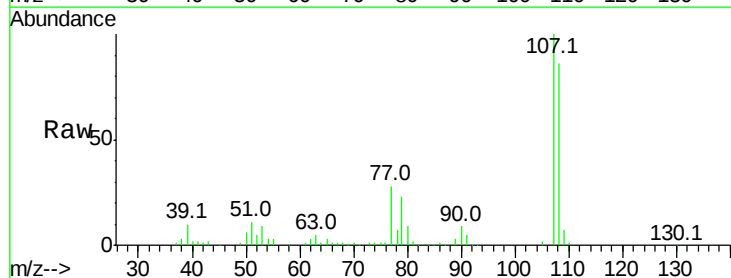
Instrument :
BNA_F
ClientSampled :

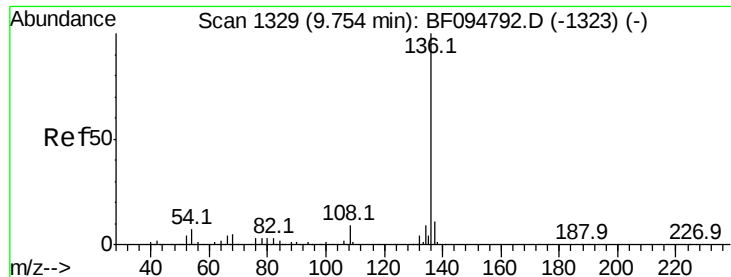
Tot Ion: 70 Resp: 201479
Ion Ratio Lower Upper
70 100
42 54.4 47.2 70.8
101 9.9 7.2 10.8
130 21.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.48 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion: 107 Resp: 317427
Ion Ratio Lower Upper
107 100
108 86.3 71.0 111.0
77 27.9 90.5 130.5#
79 23.4 8.4 48.4

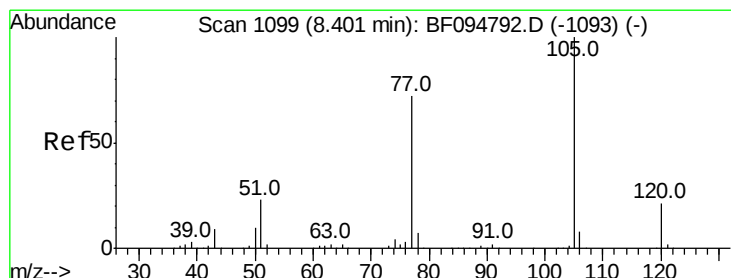
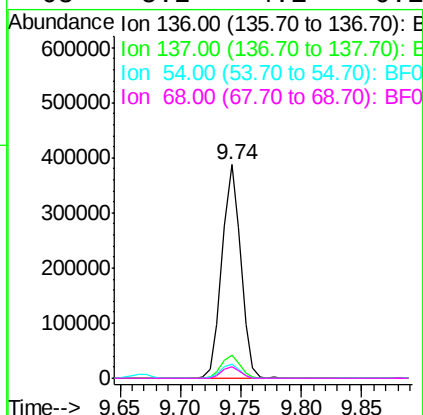
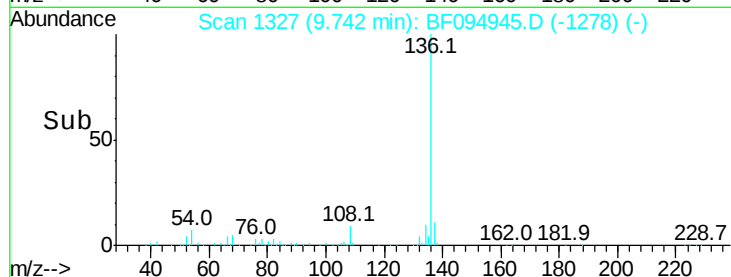
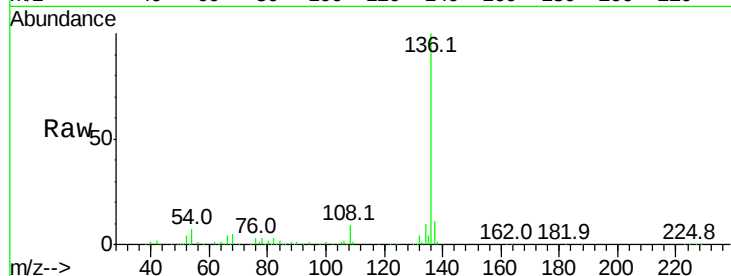




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

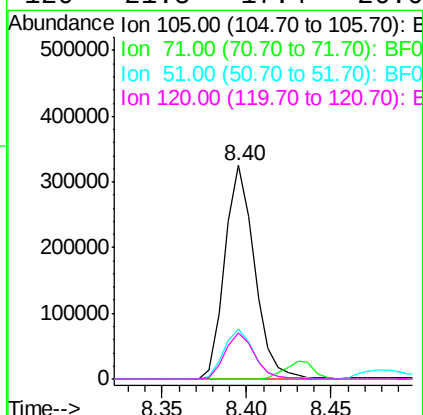
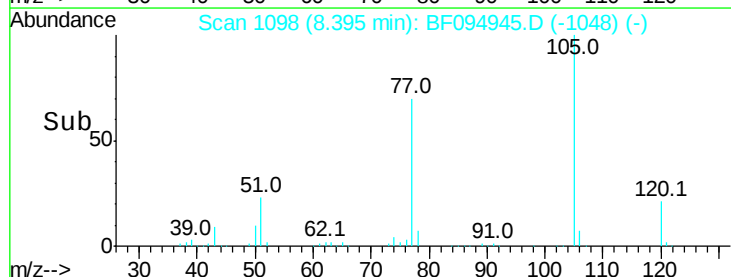
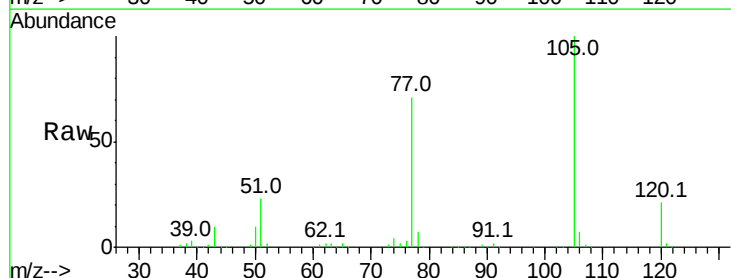
Instrument :
BNA_F
ClientSampleId :

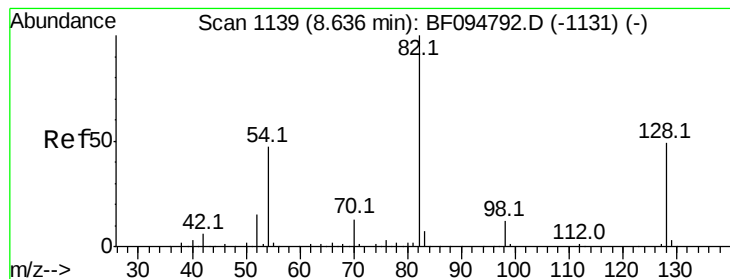
Tot Ion:136	Resp:	415370
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	6.8	4.9 7.3
68	5.2	4.1 6.1



#22
Acetophenone
Concen: 40.13 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:105	Resp:	399938
Ion	Ratio	Lower Upper
105	100	
71	0.0	2.8 4.2#
51	23.3	30.7 46.1#
120	21.5	17.4 26.0





#23

Nitrobenzene-d5

Concen: 82.61 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :

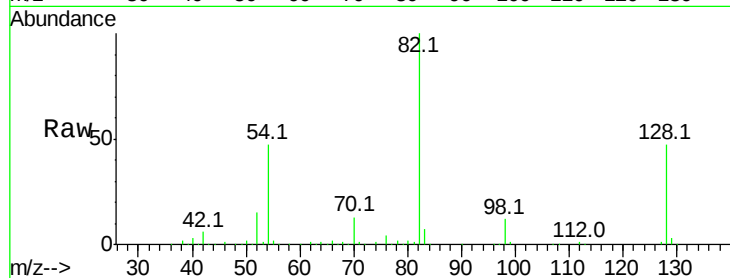
Tot Ion: 82 Resp: 544153

Ion Ratio Lower Upper

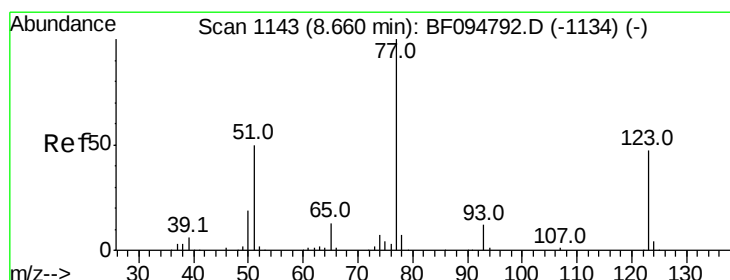
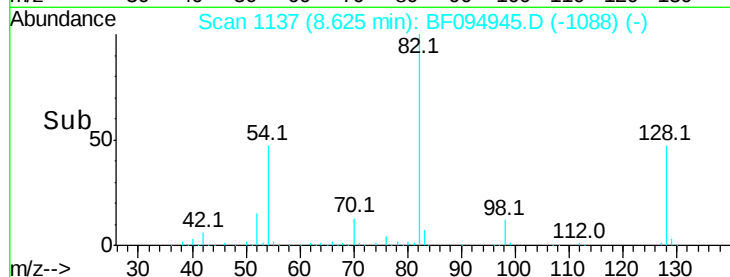
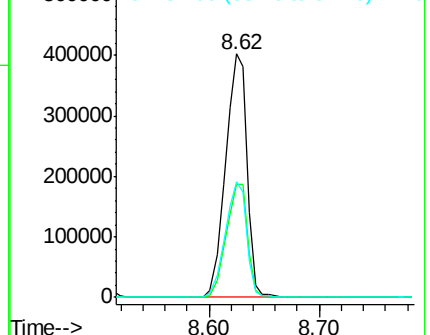
82 100

128 46.7 34.0 51.0

54 47.3 42.2 63.2



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



#24

Nitrobenzene

Concen: 40.88 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

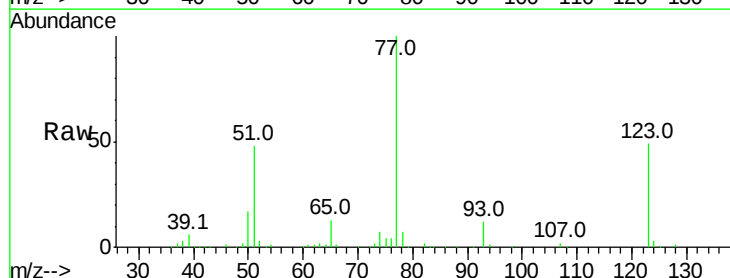
Tgt Ion: 77 Resp: 282257

Ion Ratio Lower Upper

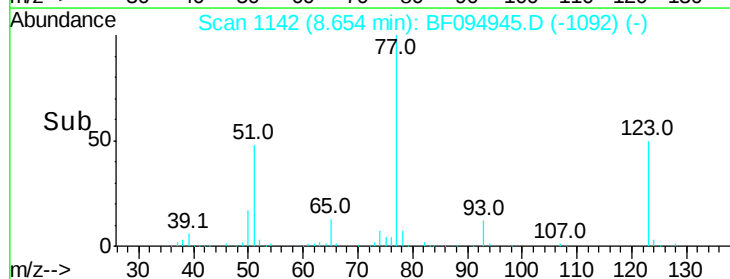
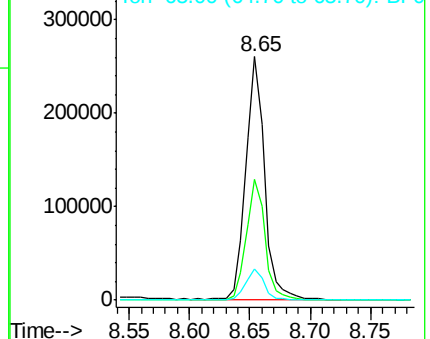
77 100

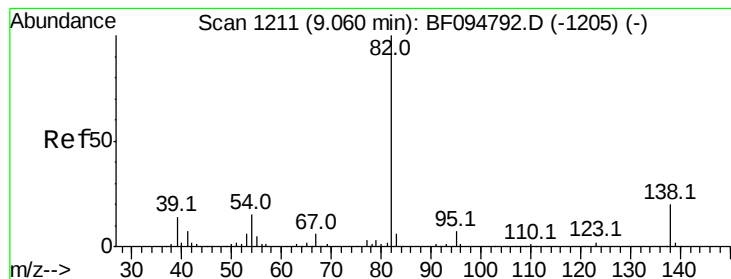
123 49.5 35.8 53.8

65 12.6 10.6 15.8



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





#25

Isophorone

Concen: 41.69 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampled :

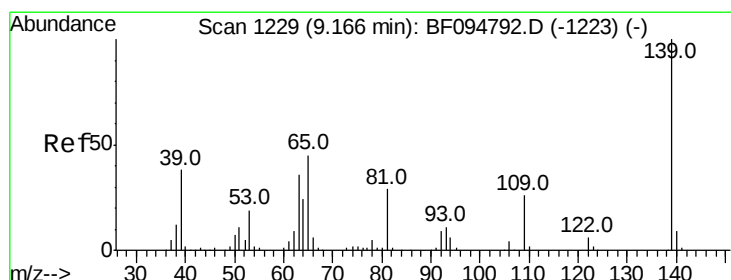
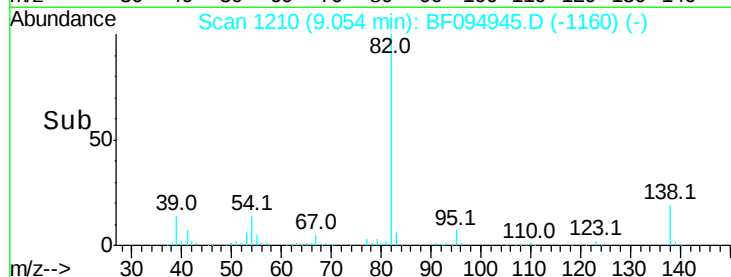
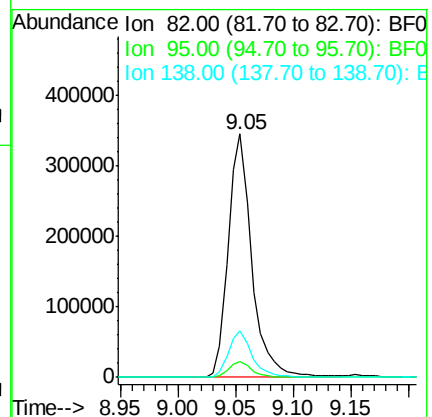
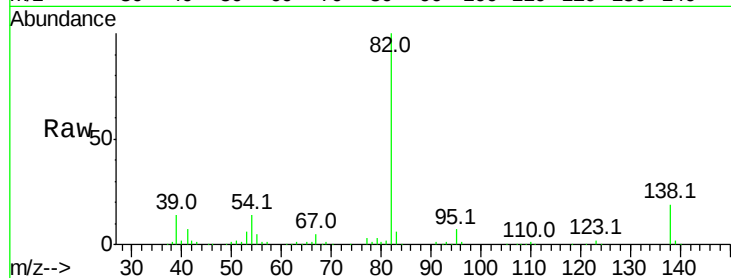
Tot Ion: 82 Resp: 490315

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 41.80 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

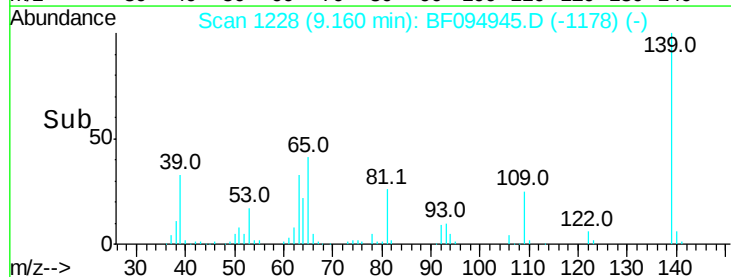
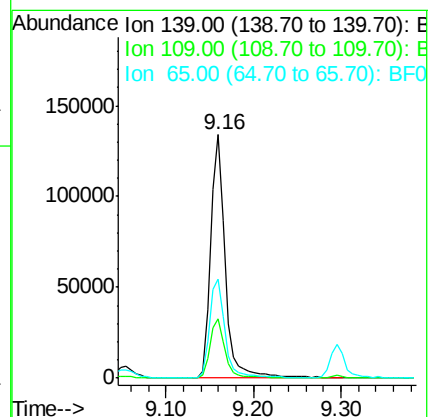
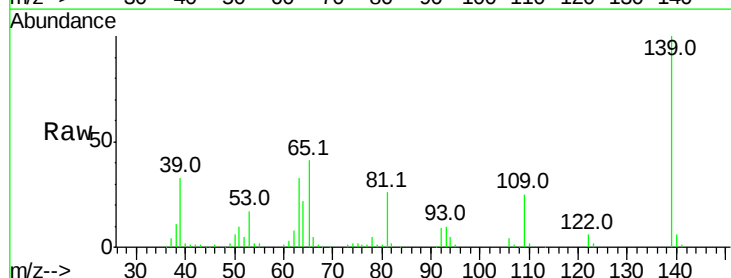
Tgt Ion: 139 Resp: 155711

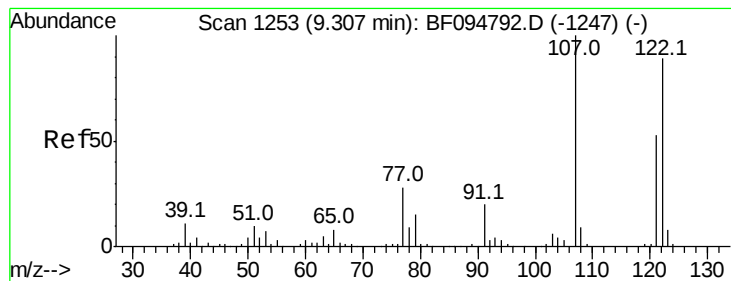
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 40.9 33.0 49.6

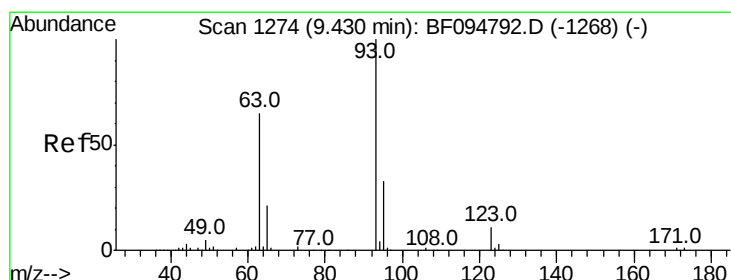
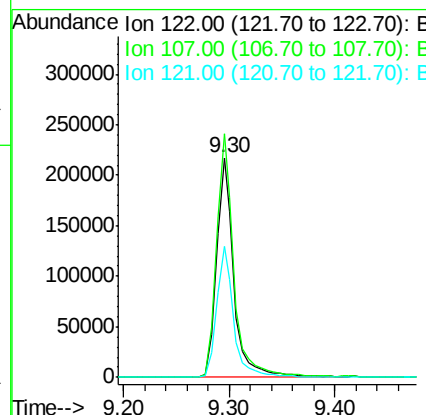
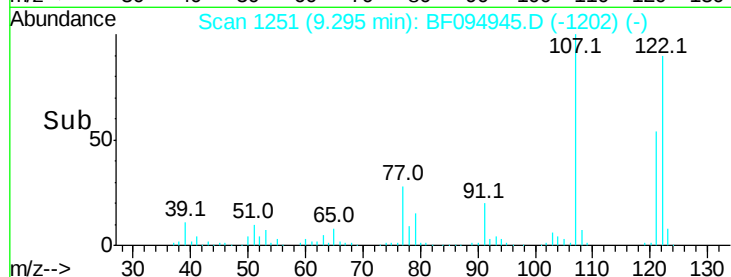
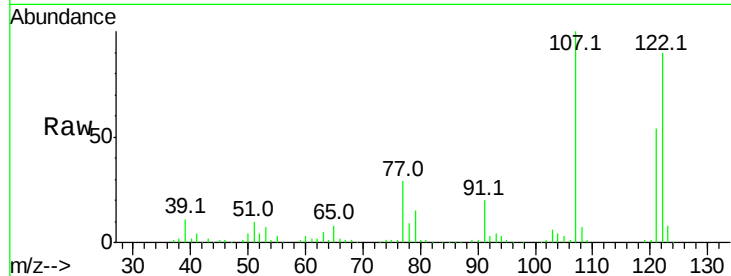




#27
 2,4-Dimethylphenol
 Concen: 42.05 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

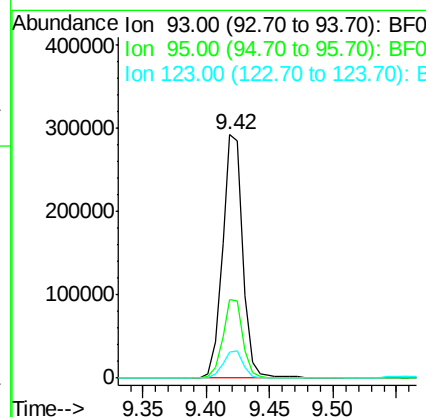
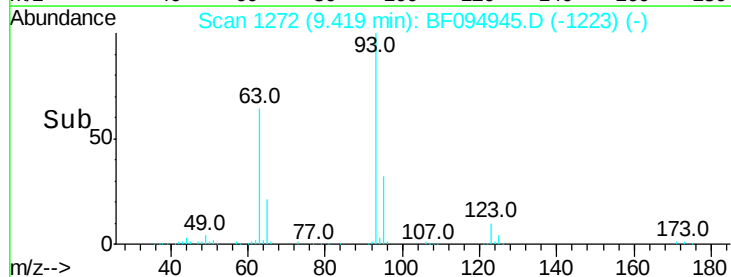
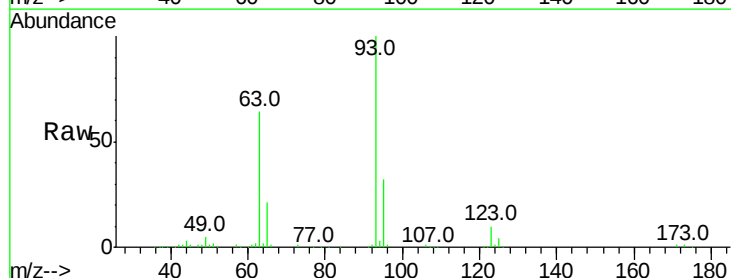
Instrument :
 BNA_F
 ClientSampleId :

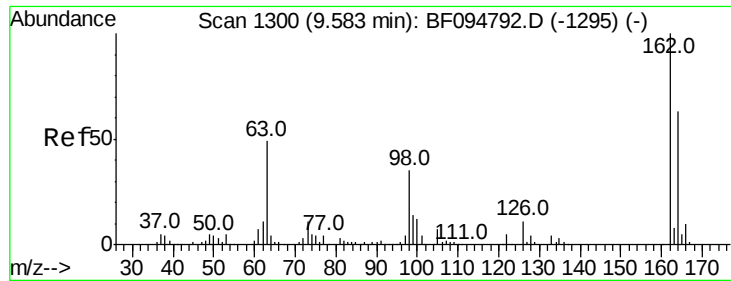
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.2	133.8
121	59.6	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.11 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.5	9.0	13.4

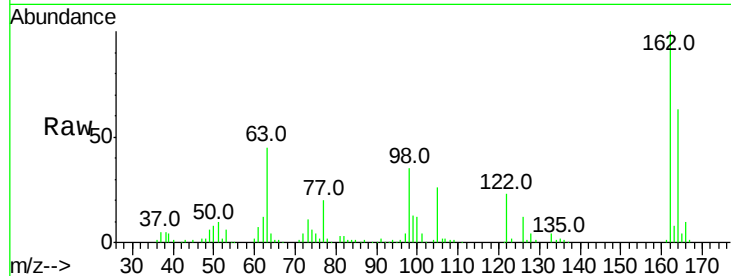




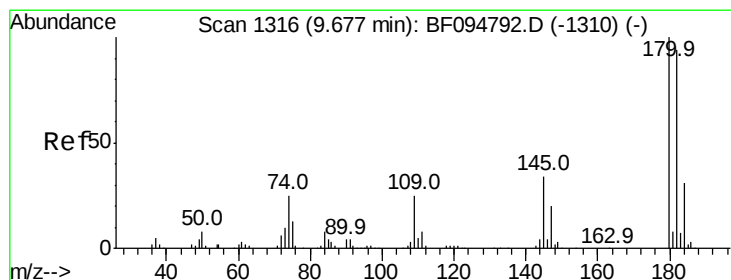
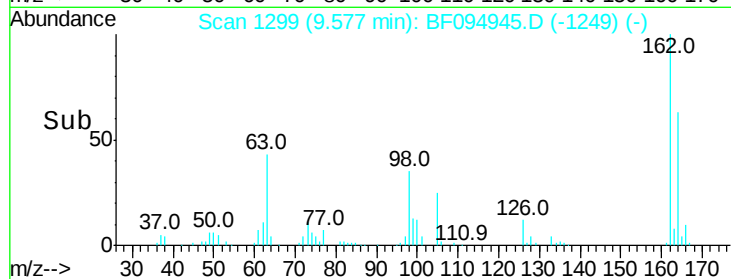
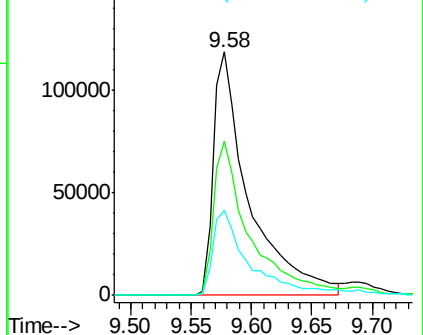
#29
 2,4-Dichlorophenol
 Concen: 42.35 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	34.6	14.8	54.8

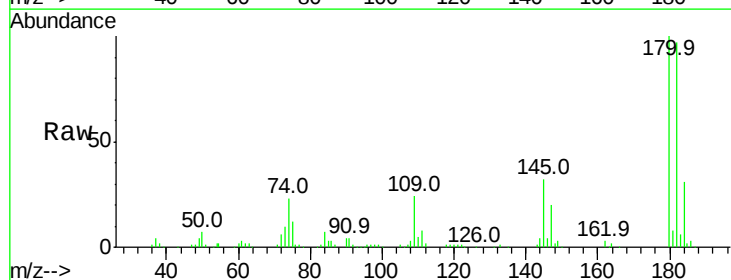


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

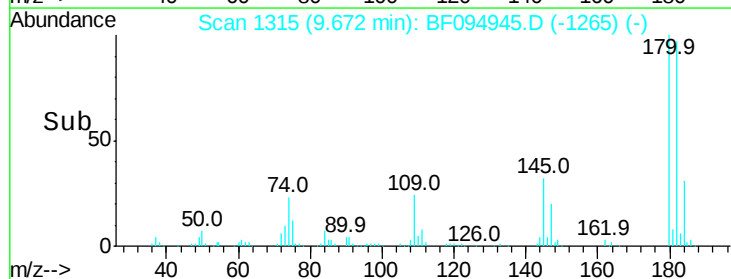
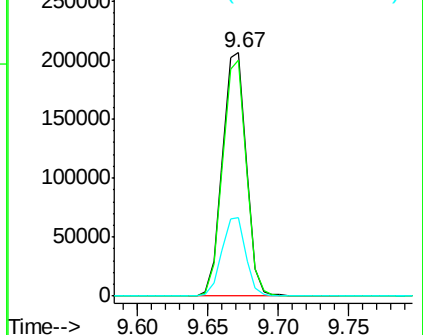


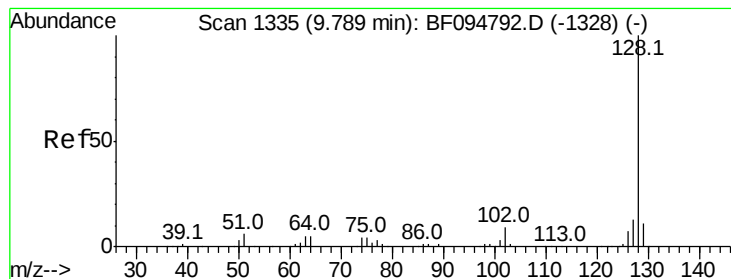
#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	32.3	25.3	37.9



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





#31

Naphthalene

Concen: 39.45 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

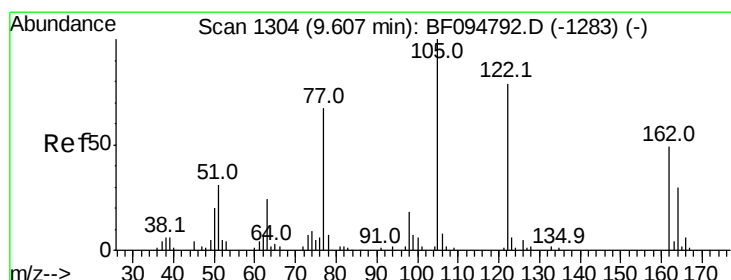
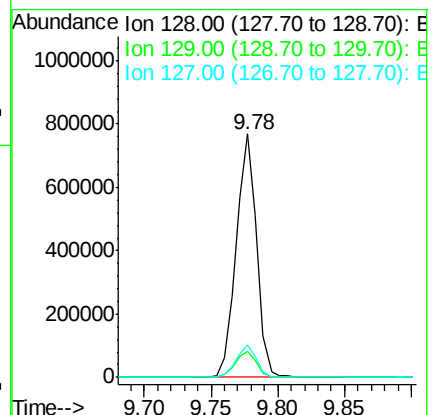
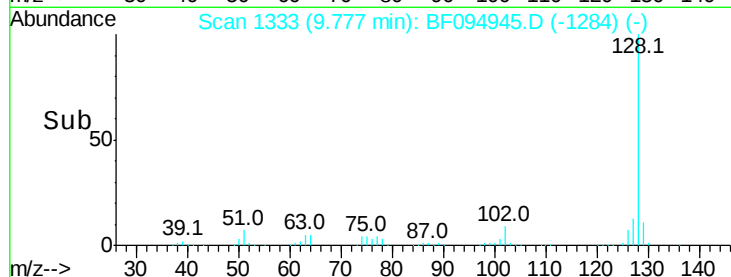
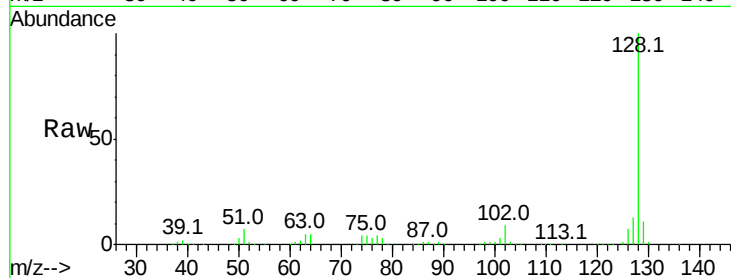
Tot Ion:128 Resp: 823533

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 42.46 ng

RT: 9.61 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

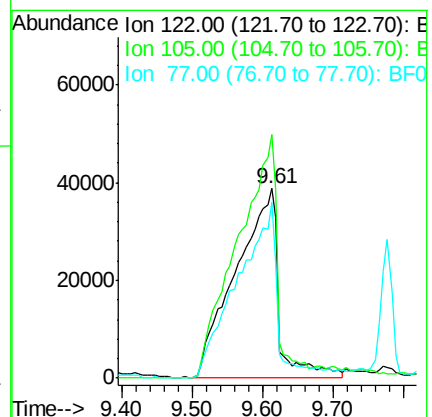
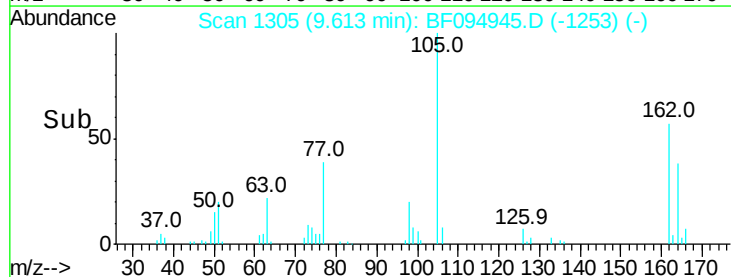
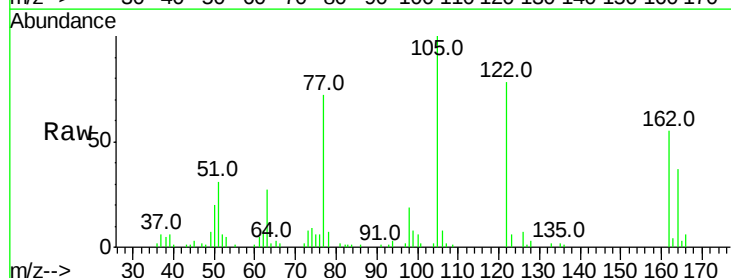
Tgt Ion:122 Resp: 165327

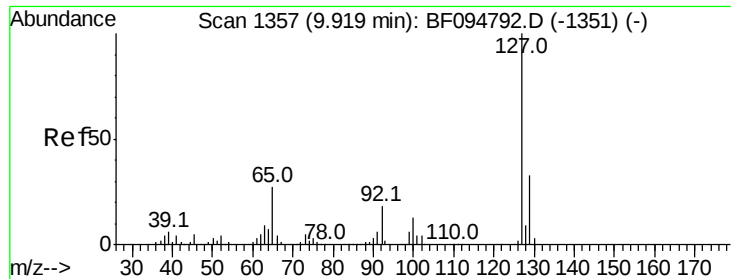
Ion Ratio Lower Upper

122 100

105 128.3 103.3 143.3

77 92.4 73.7 113.7

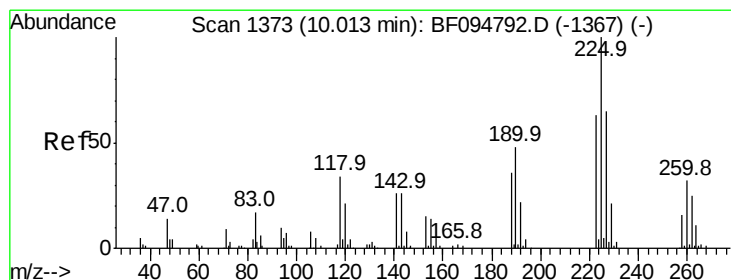
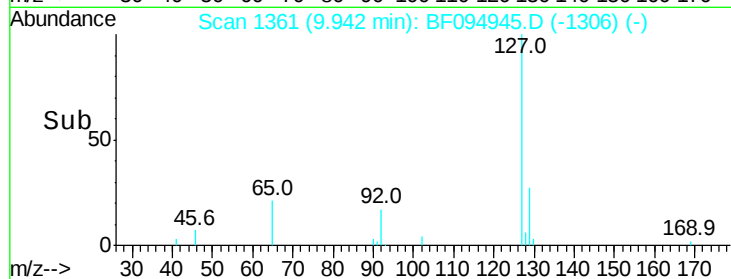
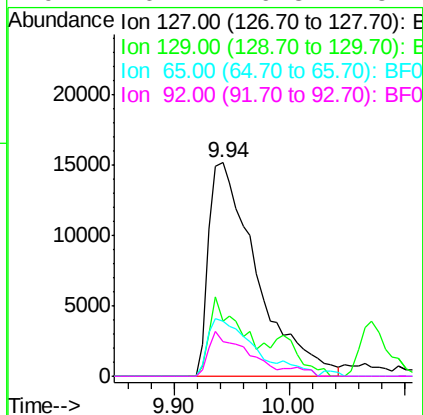
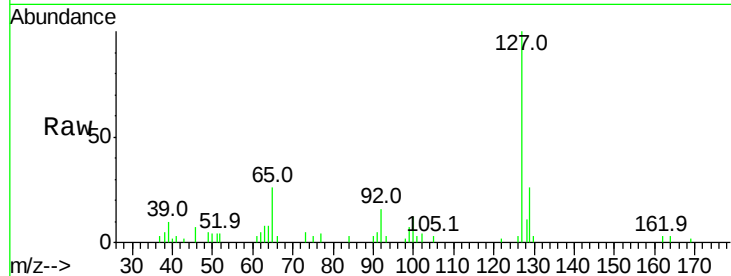




#33
4-Chloroaniline
Concen: 5.65 ng
RT: 9.94 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

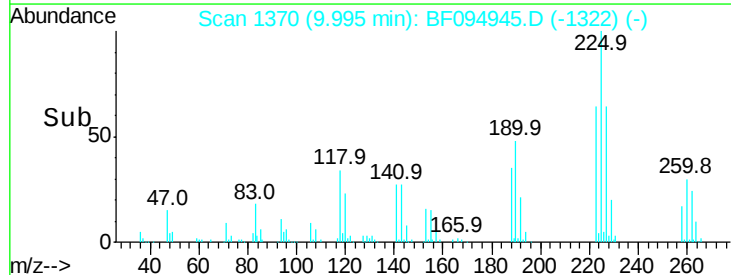
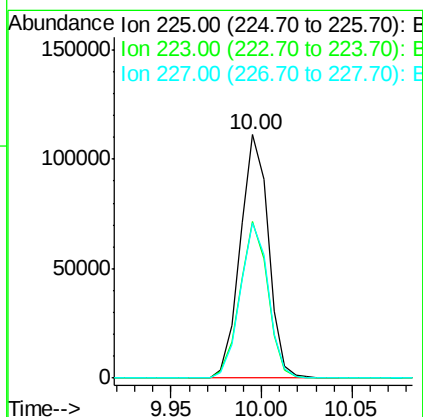
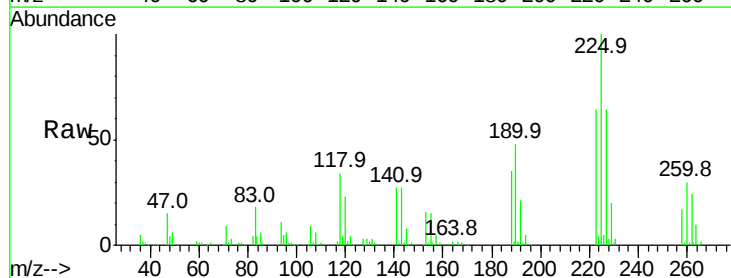
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	43975
Ion	Ratio	Lower	Upper
127	100		
129	25.9	26.2	39.2#
65	25.9	27.8	41.8#
92	16.4	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 37.23 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:	225	Resp:	119689
Ion	Ratio	Lower	Upper
225	100		
223	64.3	48.8	73.2
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 23.90 ng

RT: 10.54 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampled :

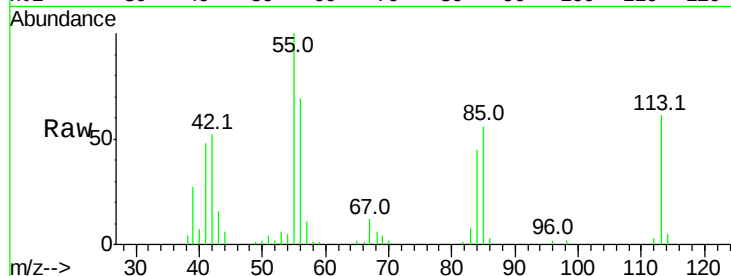
Tot Ion:113 Resp: 40822

Ion Ratio Lower Upper

113 100

55 162.6 150.2 190.2

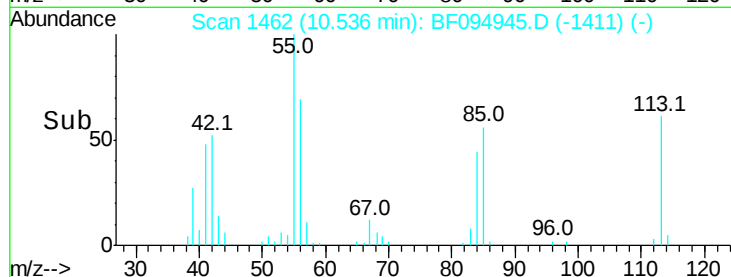
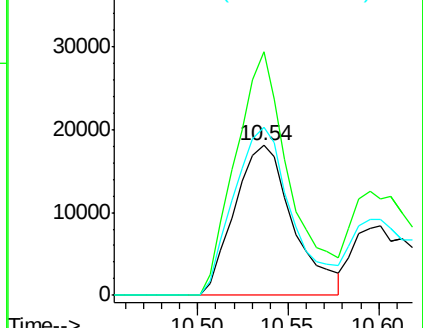
56 112.5 107.8 147.8



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: 41.17 ng

RT: 10.77 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

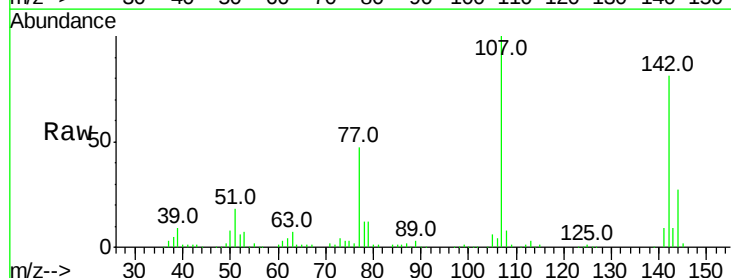
Tgt Ion:107 Resp: 250362

Ion Ratio Lower Upper

107 100

144 27.1 24.2 36.4

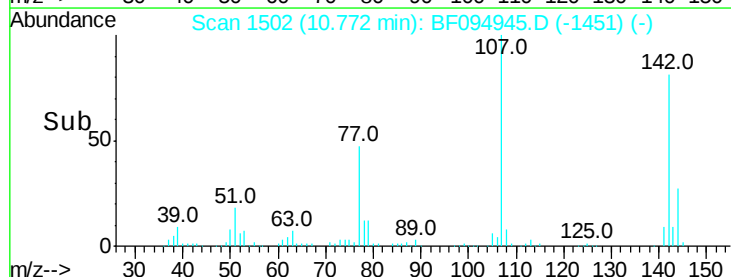
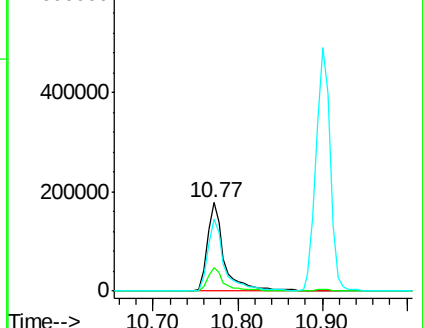
142 81.2 73.4 110.0

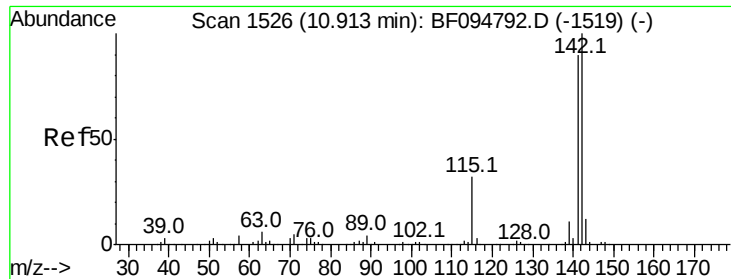


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

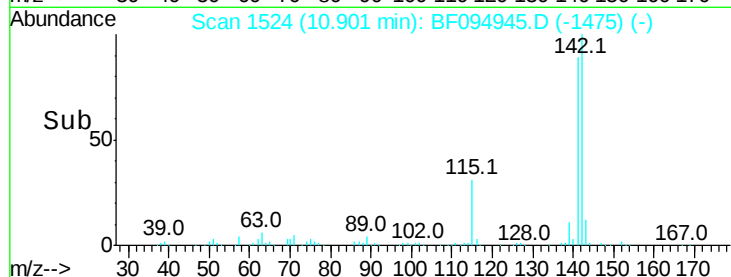
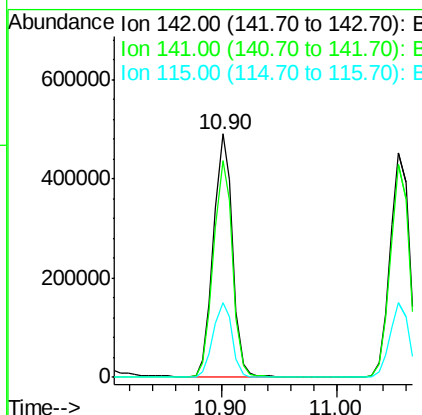
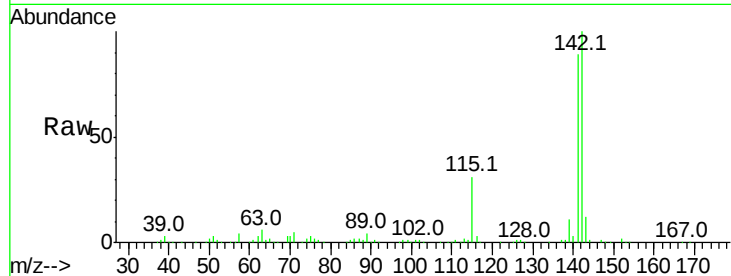




#37
2-Methylnaphthalene
Concen: 41.32 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

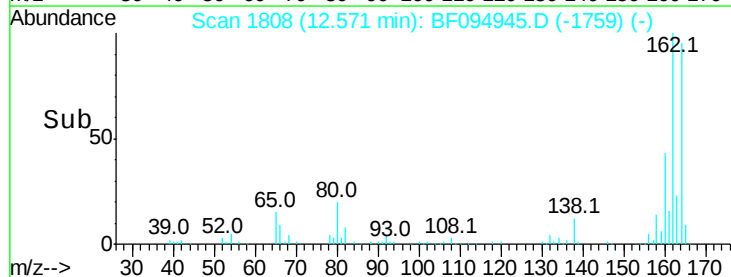
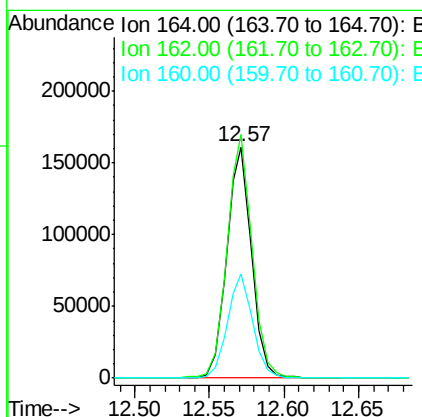
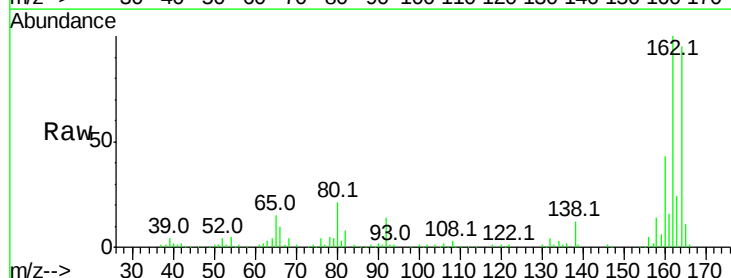
Instrument :
BNA_F
ClientSampleId :

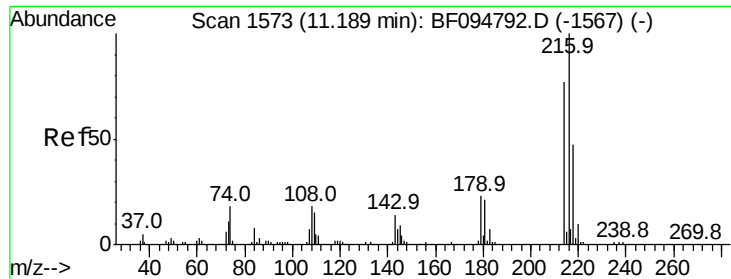
Tot Ion:142 Resp: 566171
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 30.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:164 Resp: 187714
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 45.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.77 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 218060

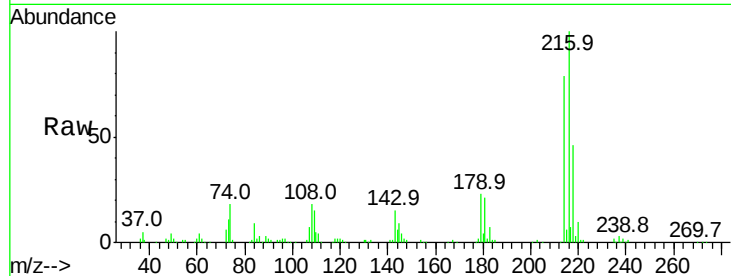
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 21.8 17.9 26.9

108 20.2 16.5 24.7

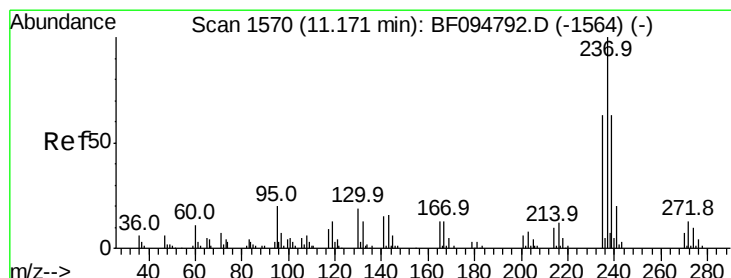
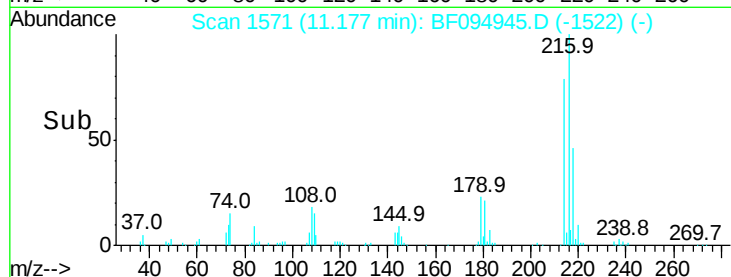
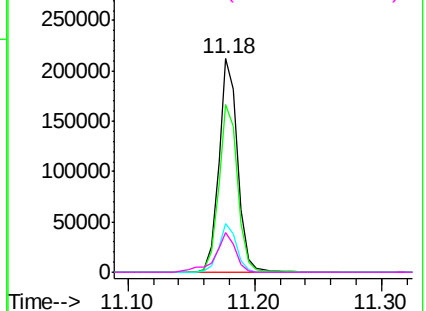


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.27 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

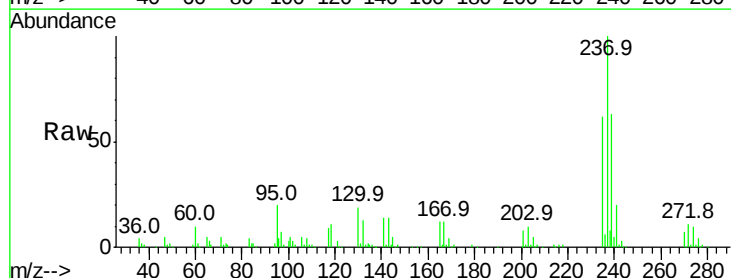
Tgt Ion:237 Resp: 184353

Ion Ratio Lower Upper

237 100

235 61.7 42.6 82.6

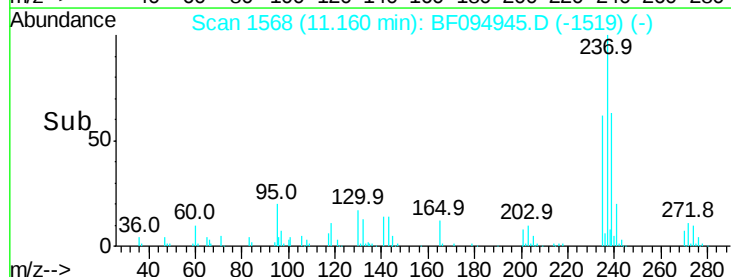
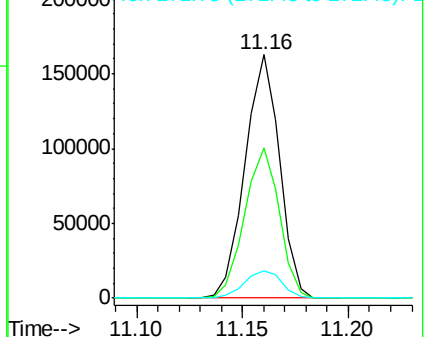
272 11.3 0.0 31.9



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

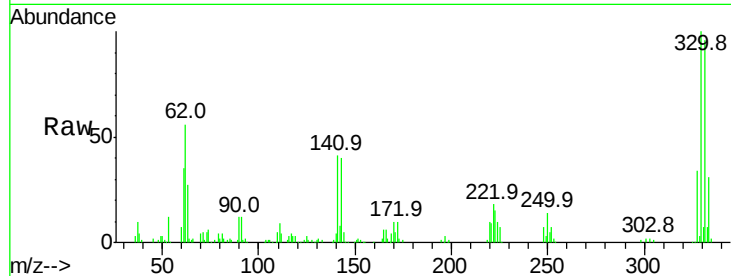




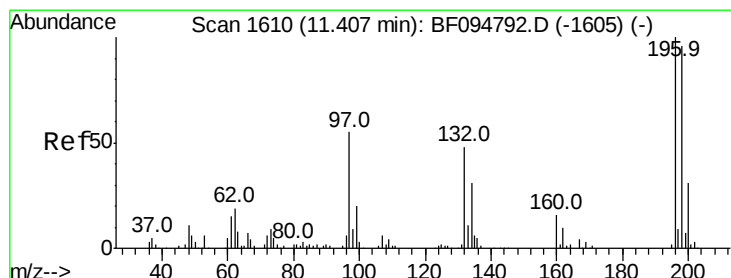
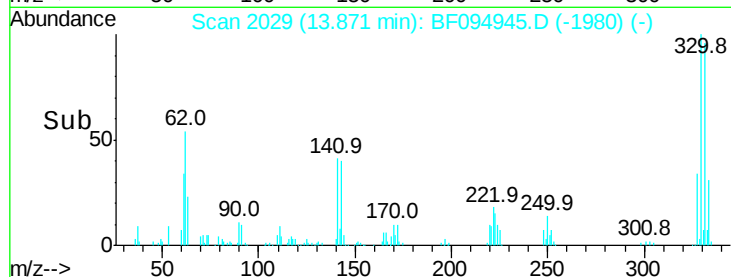
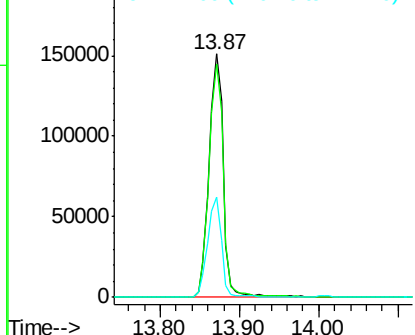
#41
 2,4,6-Tribromophenol
 Concen: 124.42 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	40.0	31.4	47.2

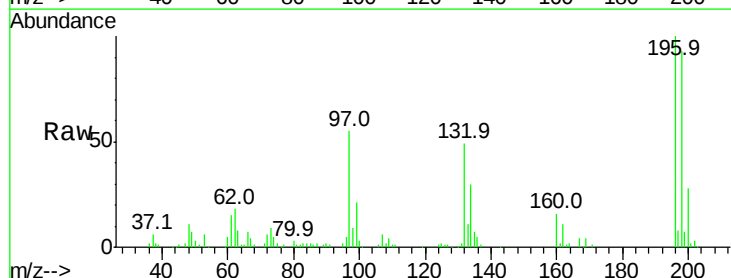


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

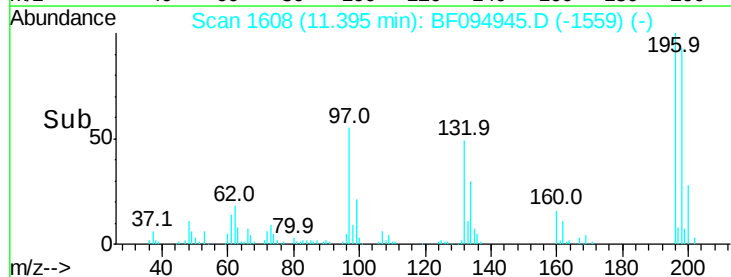
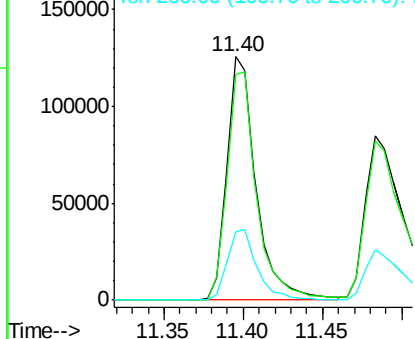


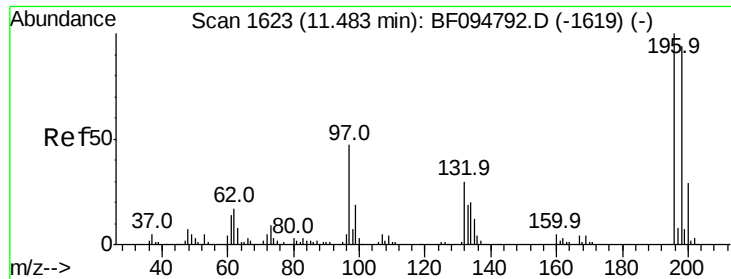
#42
 2,4,6-Trichlorophenol
 Concen: 41.55 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	74.2	111.4
200	28.1	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

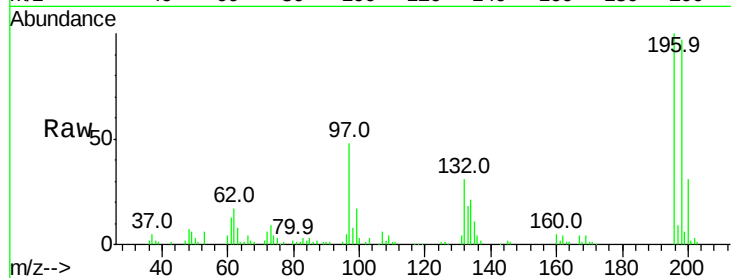




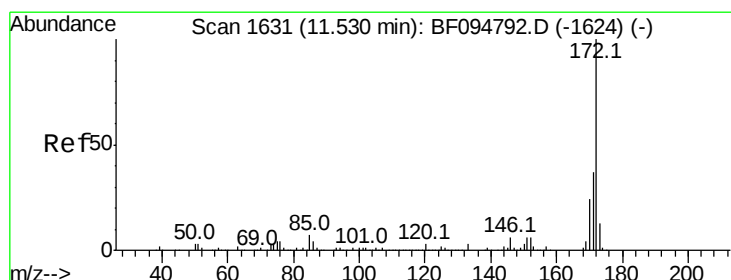
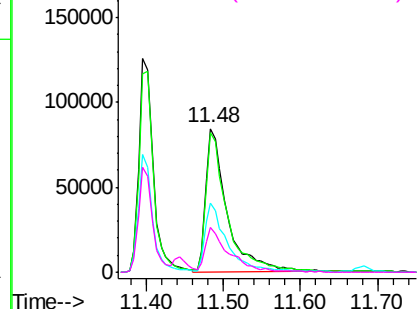
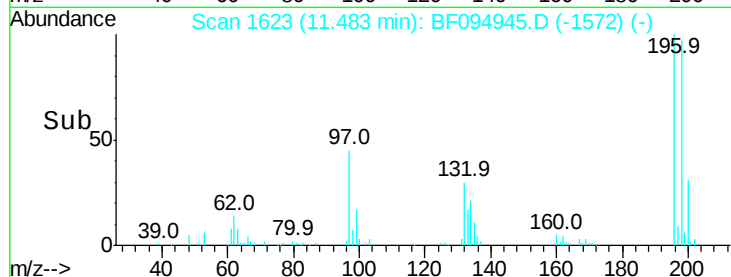
#43
 2,4,5-Trichlorophenol
 Concen: 39.65 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 164261
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 47.6 47.7 71.5#
 132 30.8 28.0 42.0

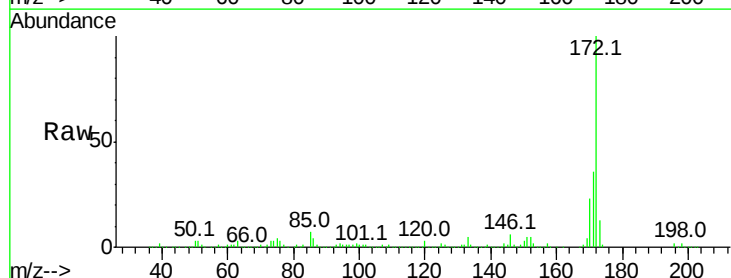


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

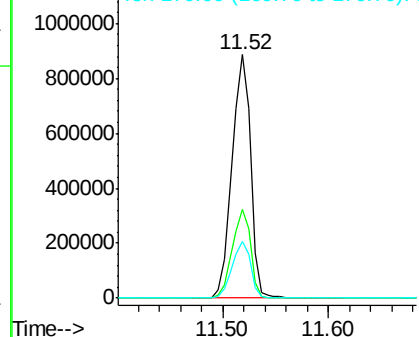
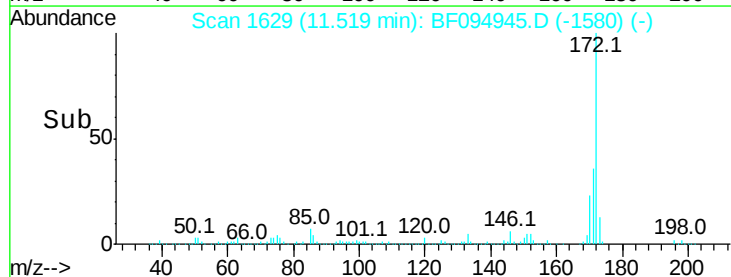


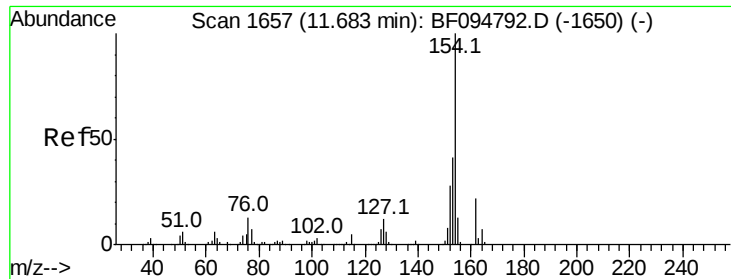
#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:172 Resp: 1075714
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.3 19.8 29.8



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

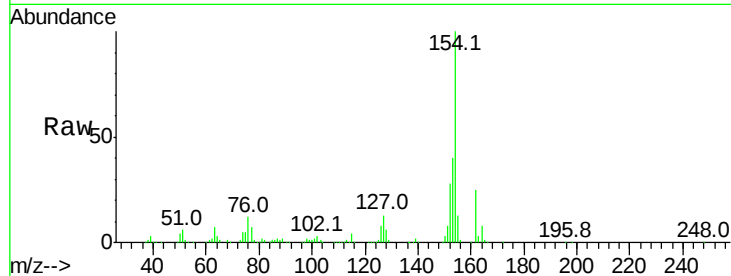




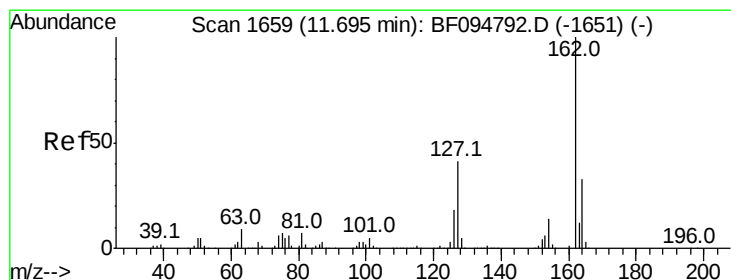
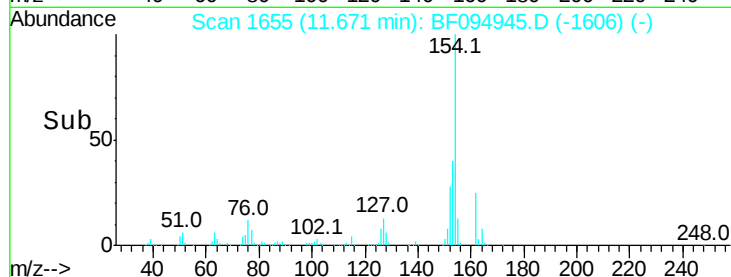
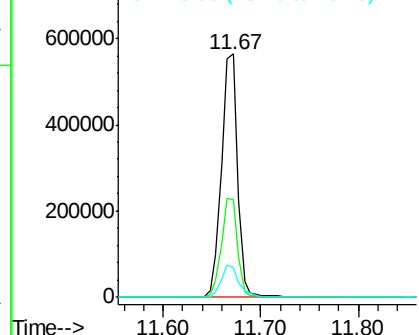
#45
 1,1'-Biphenyl
 Concen: 41.14 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 650214
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.2 61.2
 76 12.3 0.0 29.9

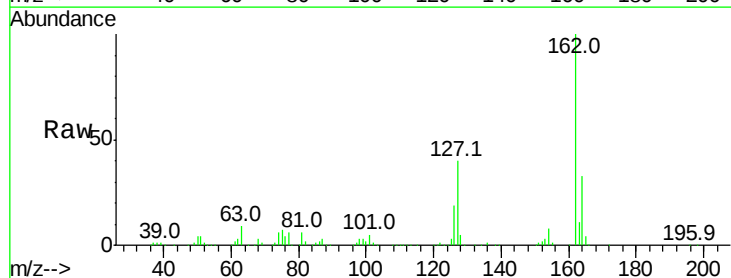


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

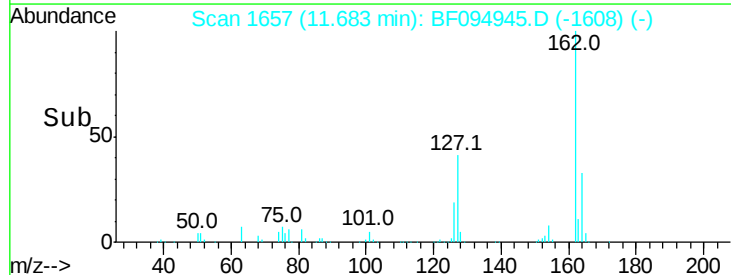
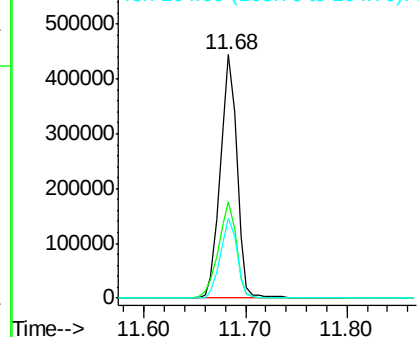


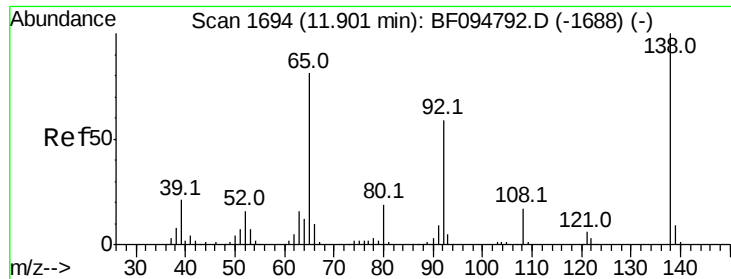
#46
 2-Chloronaphthalene
 Concen: 40.13 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:162 Resp: 512138
 Ion Ratio Lower Upper
 162 100
 127 39.9 28.3 42.5
 164 33.0 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

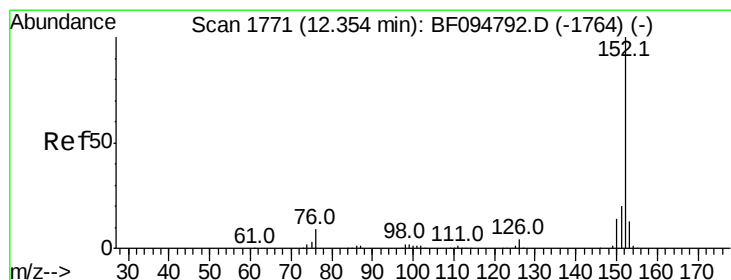
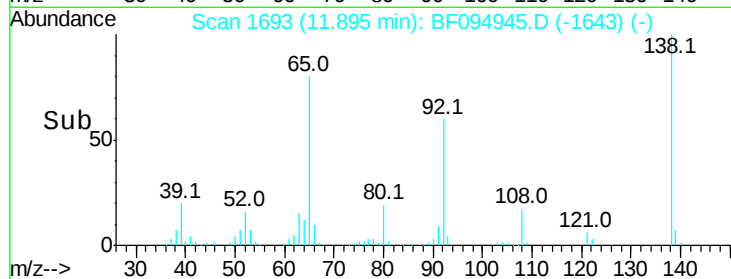
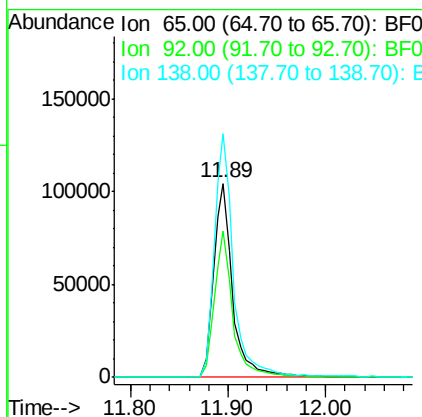
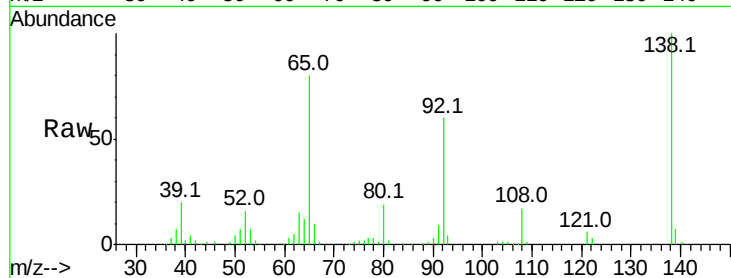




#47
 2-Nitroaniline
 Concen: 40.23 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

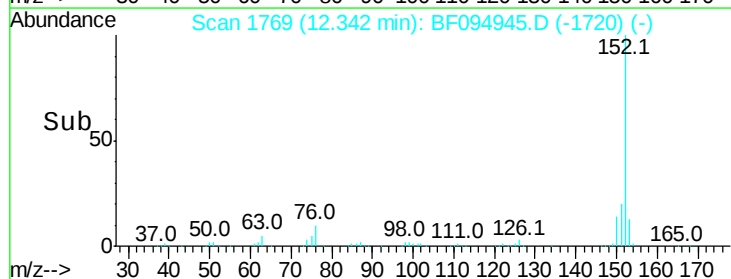
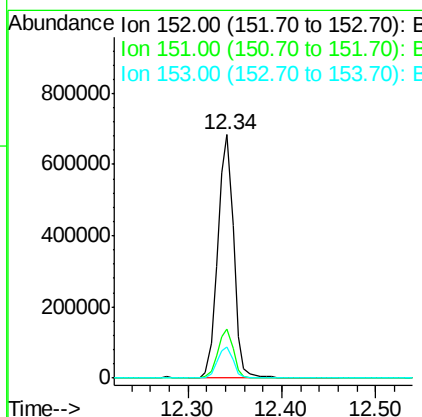
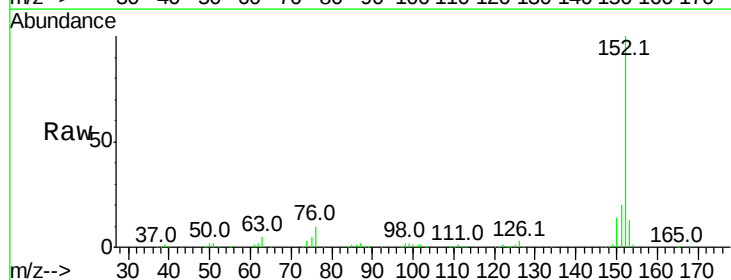
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 140505
 Ion Ratio Lower Upper
 65 100
 92 75.2 53.9 80.9
 138 125.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.67 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:152 Resp: 812993
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 39.46 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampled :

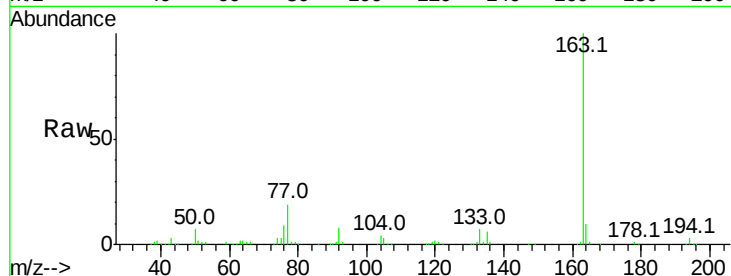
Tot Ion:163 Resp: 608042

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

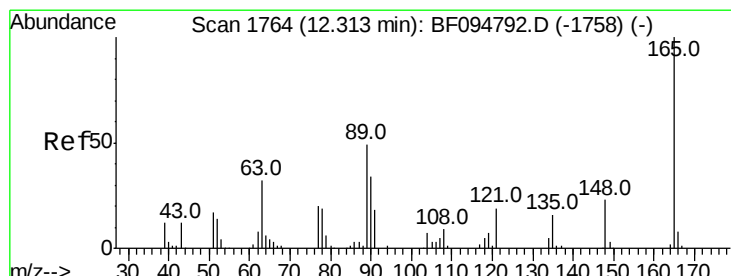
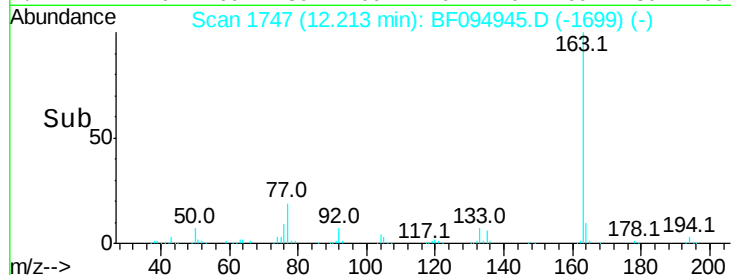
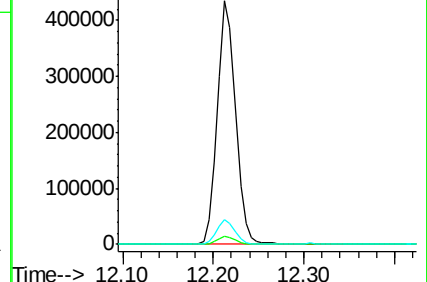
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.07 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

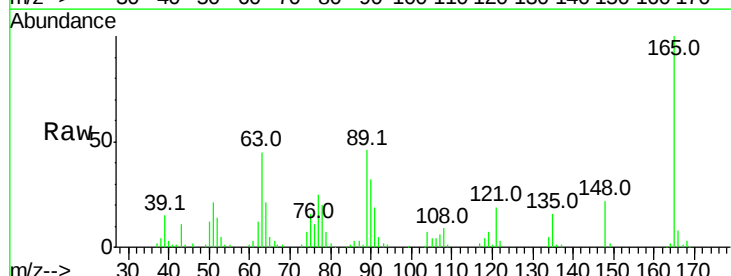
Tgt Ion:165 Resp: 132259

Ion Ratio Lower Upper

165 100

63 45.0 34.3 51.5

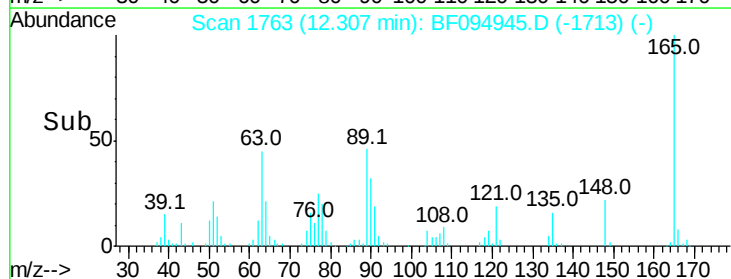
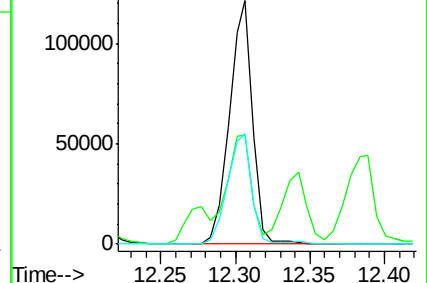
89 45.5 37.1 55.7

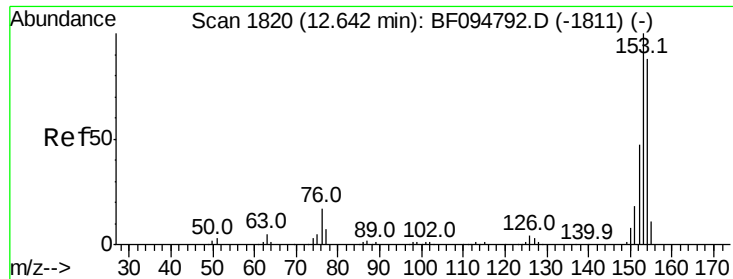


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.58 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

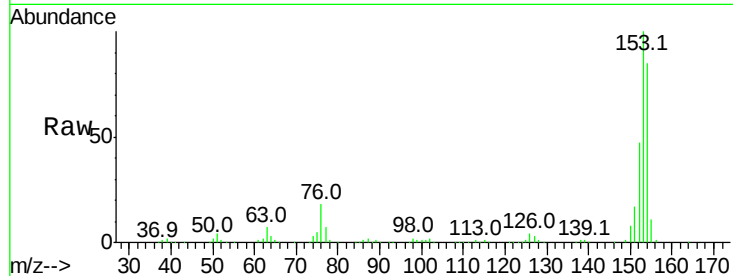
Tot Ion:154 Resp: 484484

Ion Ratio Lower Upper

154 100

153 117.5 90.5 135.7

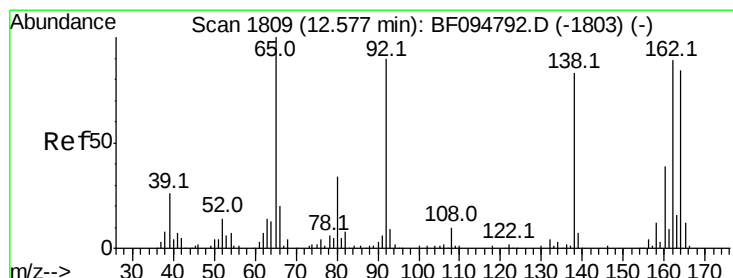
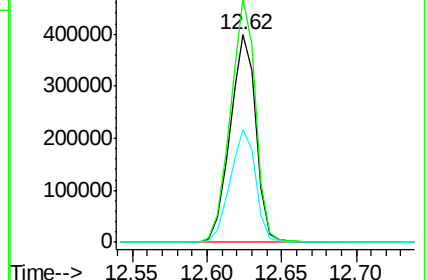
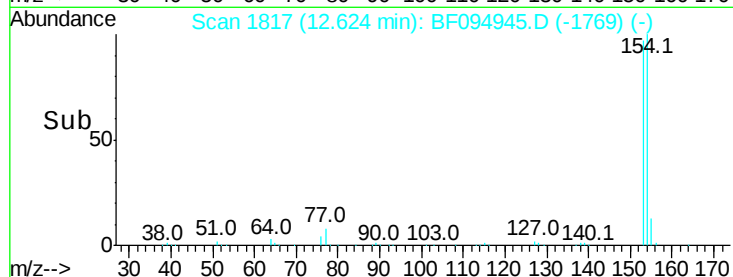
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.20 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

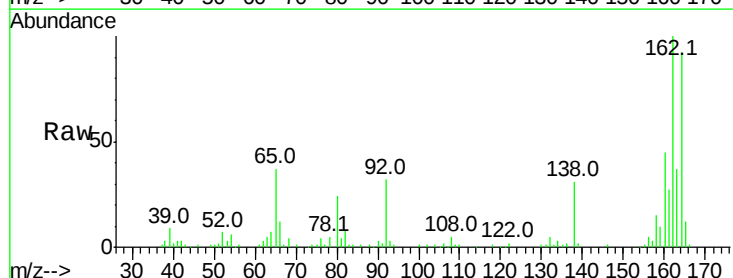
Tgt Ion:138 Resp: 54662

Ion Ratio Lower Upper

138 100

108 17.2 9.1 13.7#

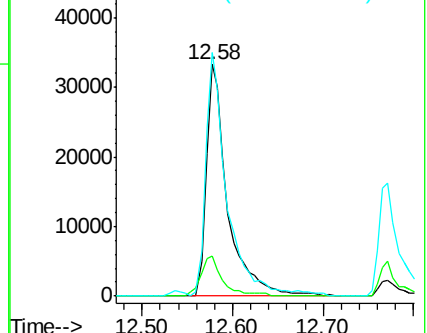
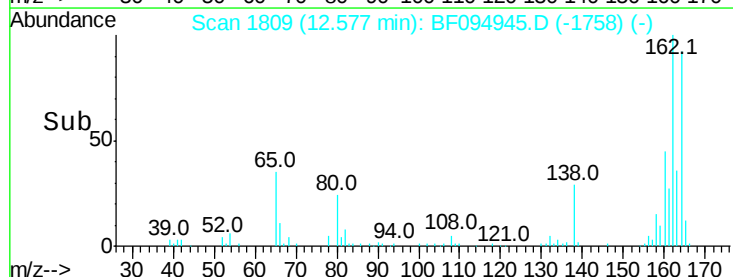
92 105.0 93.8 140.6

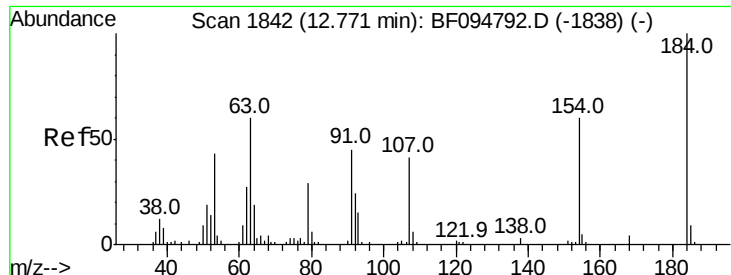


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

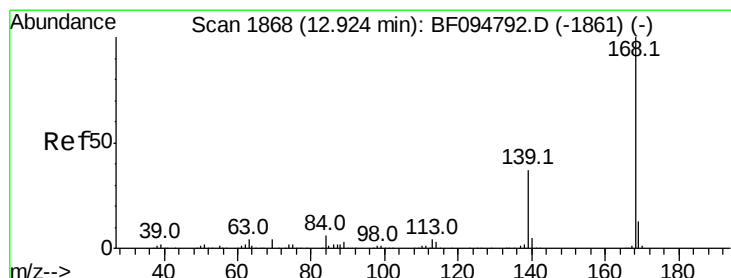
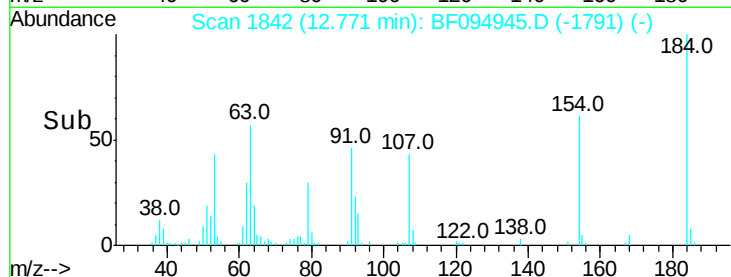
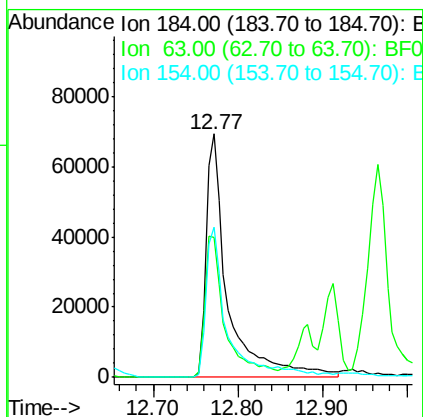
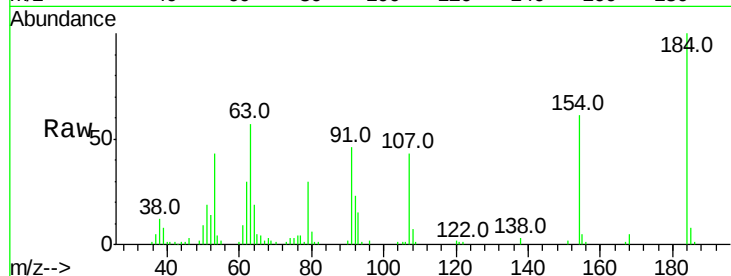




#53
 2,4-Dinitrophenol
 Concen: 72.02 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

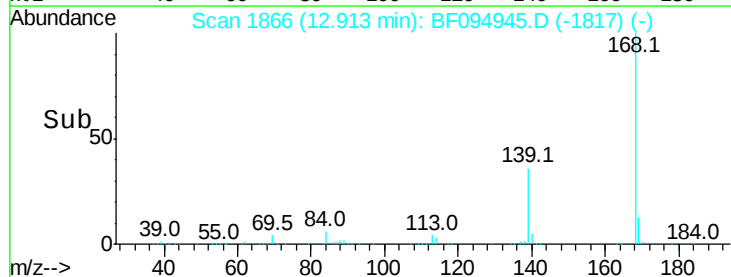
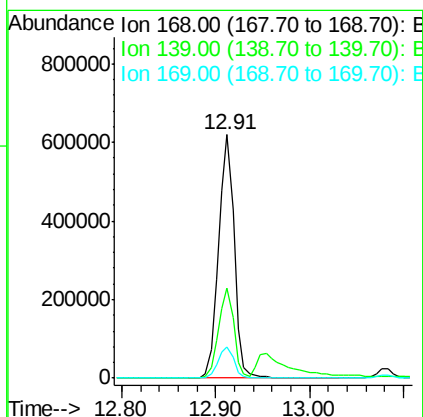
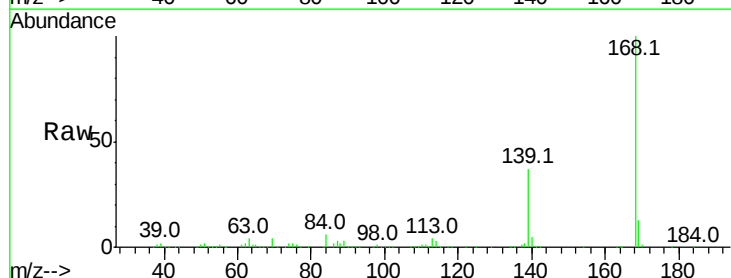
Instrument :
 BNA_F
 ClientSampleID :

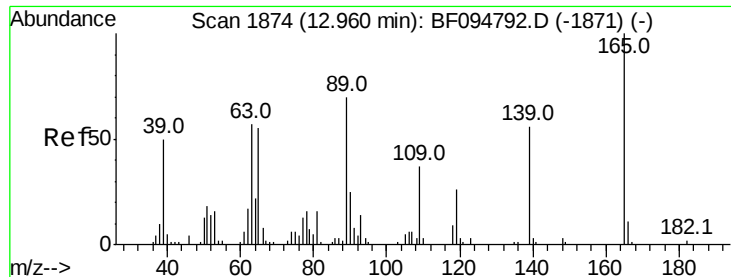
Tot Ion:184 Resp: 123531
 Ion Ratio Lower Upper
 184 100
 63 57.4 62.7 94.1#
 154 61.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.67 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:168 Resp: 721431
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.6 45.8
 169 13.0 10.8 16.2

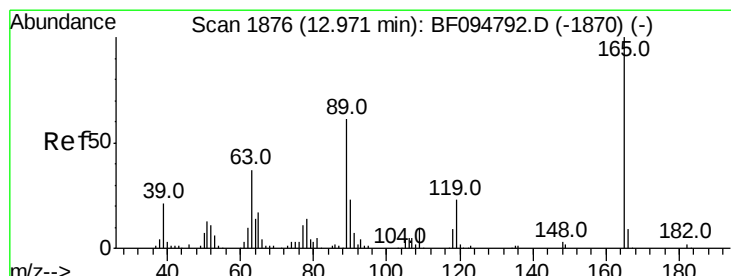
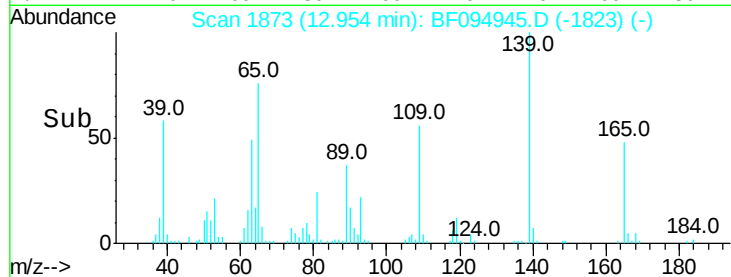
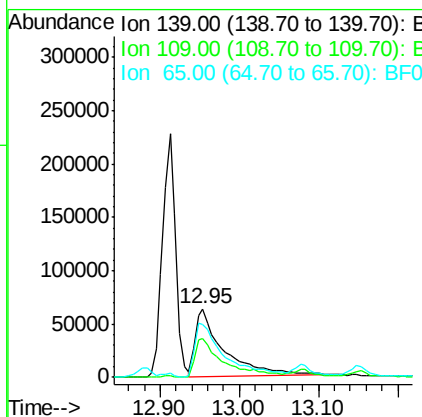
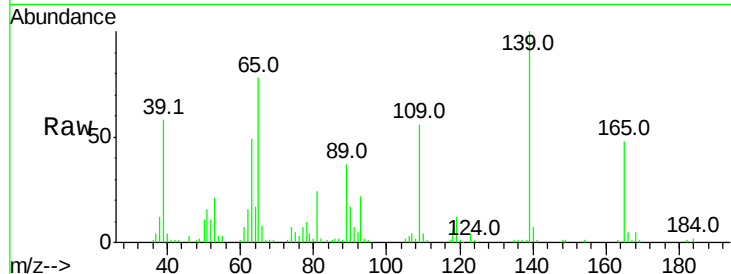




#55
4-Nitrophenol
Concen: 79.68 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

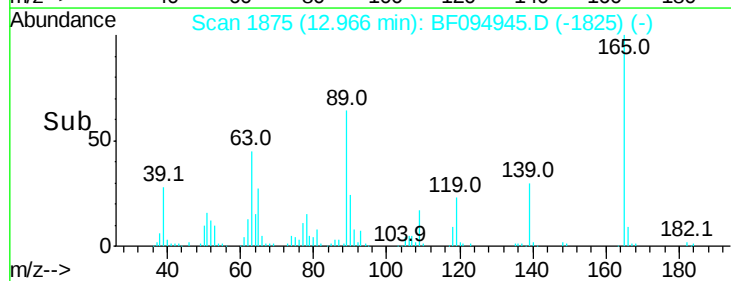
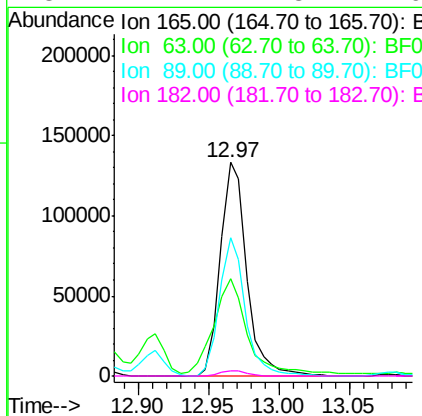
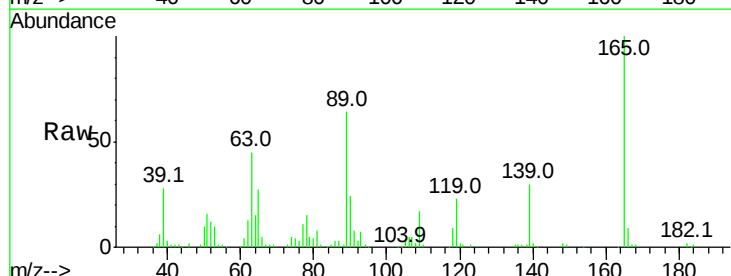
Instrument :
BNA_F
ClientSampleId :

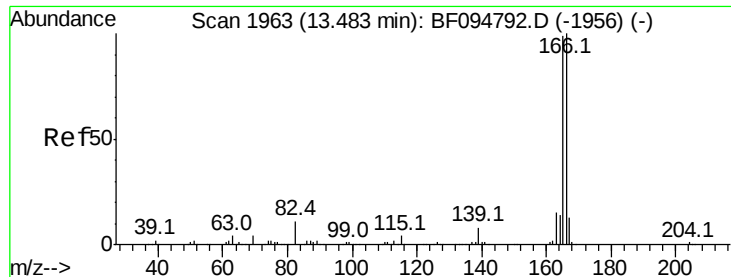
Tot Ion:139 Resp: 161481
Ion Ratio Lower Upper
139 100
109 56.3 34.1 74.1
65 77.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.99 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:165 Resp: 173671
Ion Ratio Lower Upper
165 100
63 45.5 25.4 38.0#
89 64.4 46.4 69.6
182 2.1 1.8 2.6

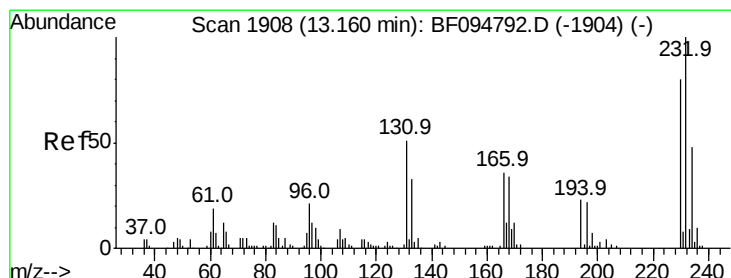
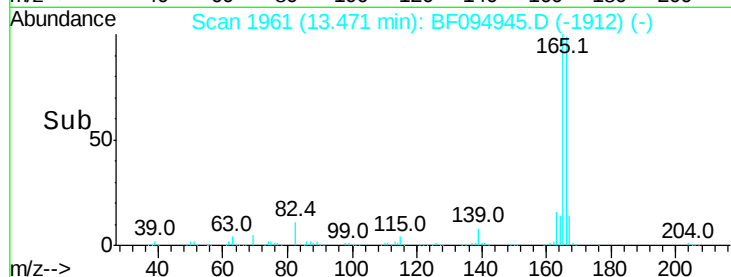
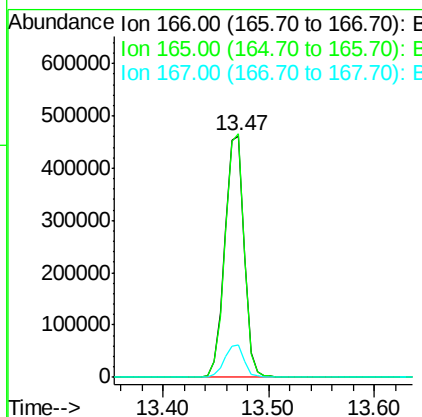
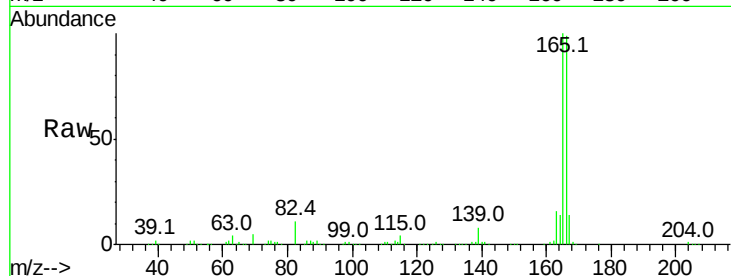




#57
 Fluorene
 Concen: 40.68 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

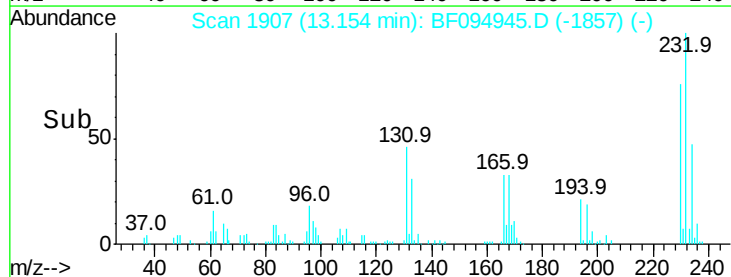
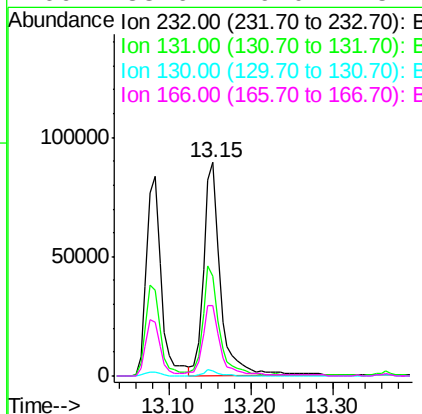
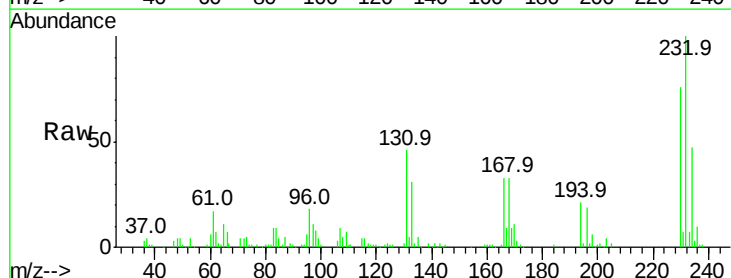
Instrument :
 BNA_F
 ClientSampleId :

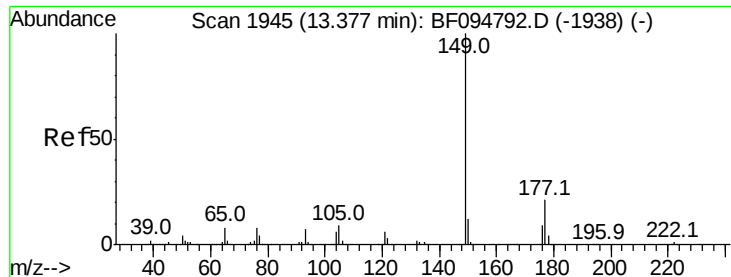
Tot Ion:166 Resp: 584378
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.81 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:232 Resp: 127245
 Ion Ratio Lower Upper
 232 100
 131 48.7 44.8 67.2
 130 2.3 2.3 3.5
 166 33.6 29.0 43.4

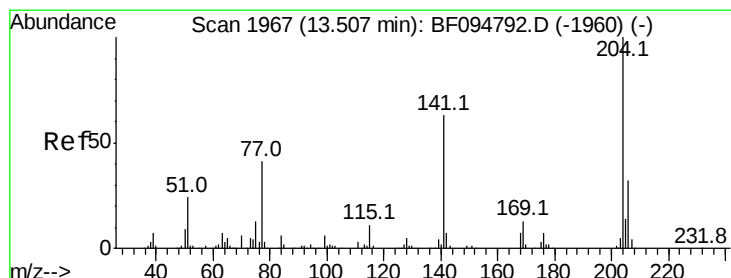
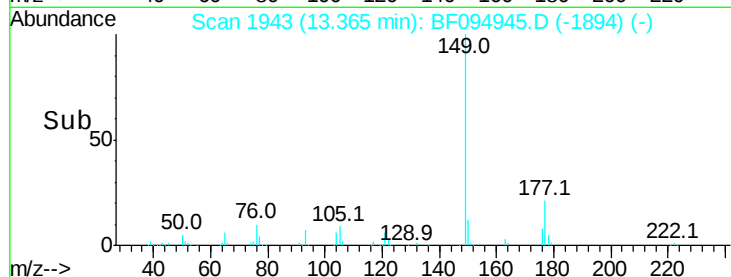
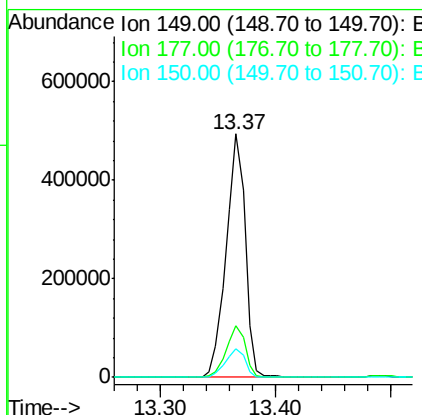
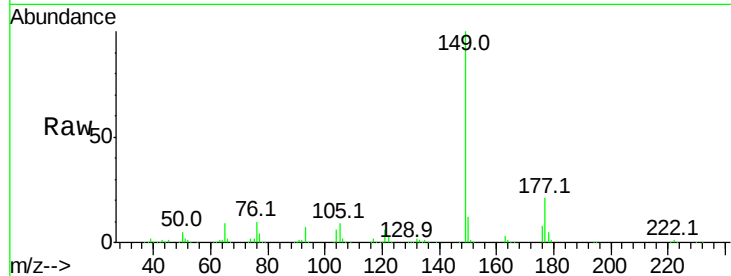




#59
Diethylphthalate
Concen: 38.43 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

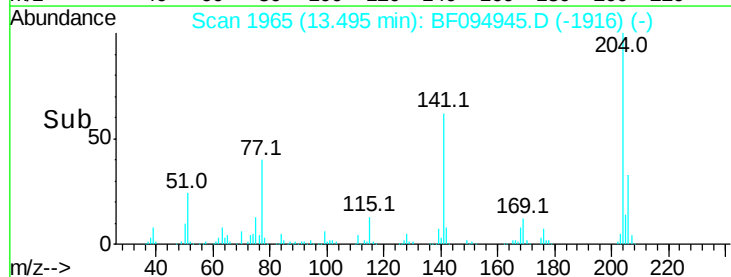
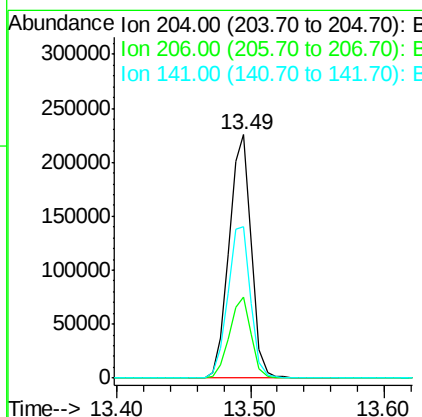
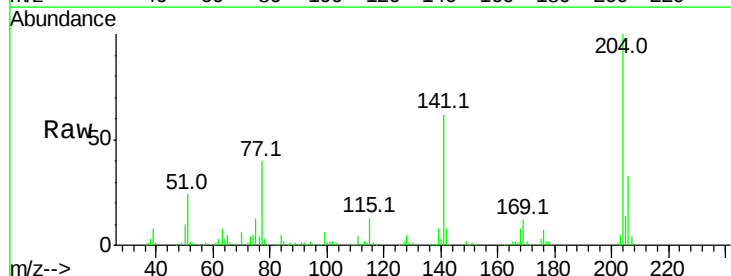
Instrument :
BNA_F
ClientSampleId :

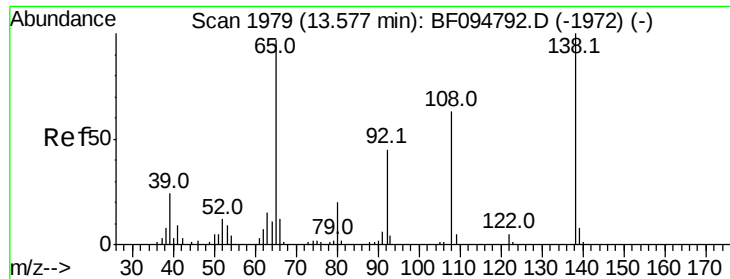
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.71 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	62.3	60.8	91.2

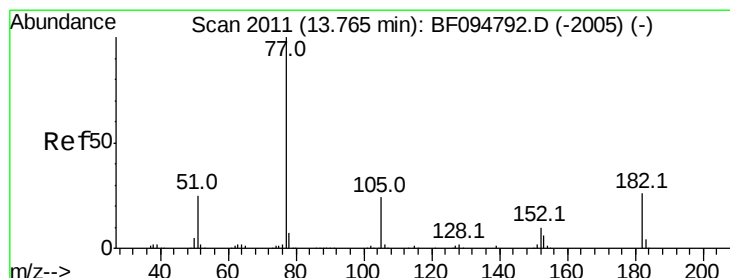
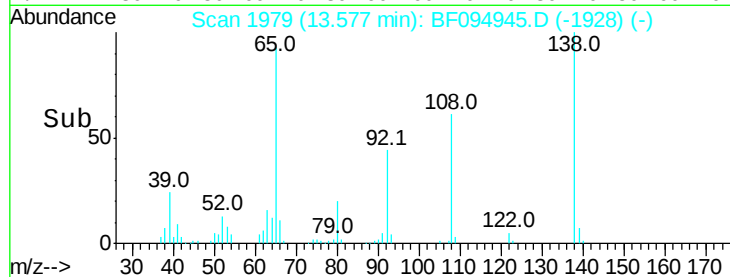
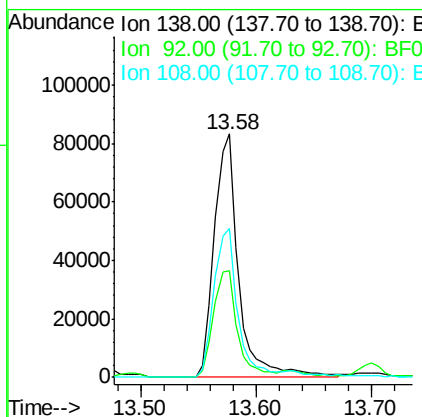
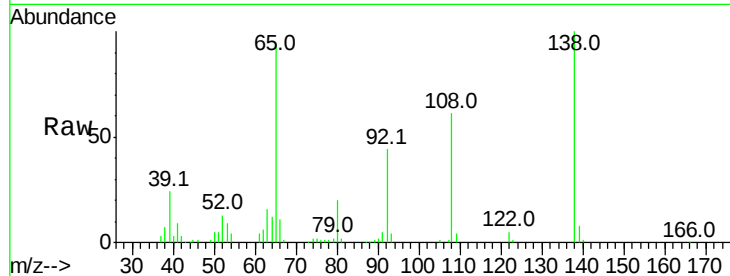




#61
 4-Nitroaniline
 Concen: 39.59 ng
 RT: 13.58 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

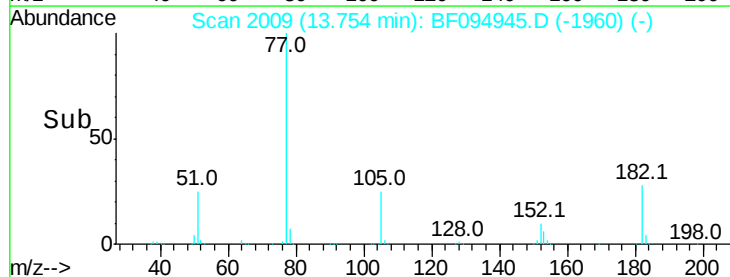
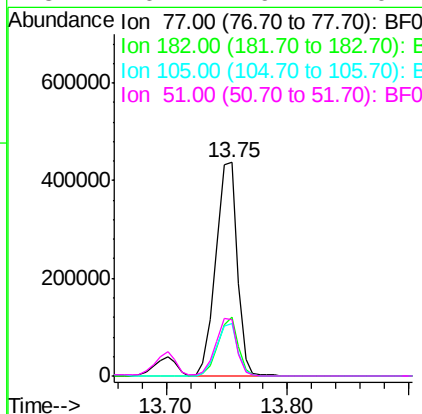
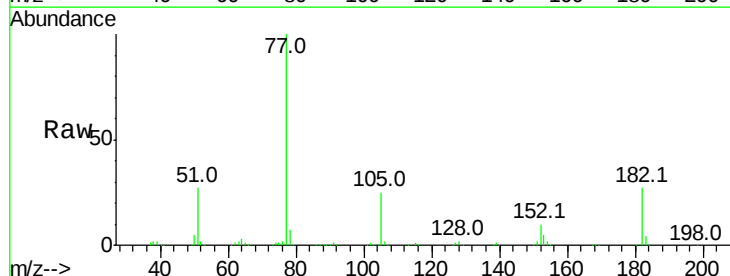
Instrument :
 BNA_F
 ClientSampleId :

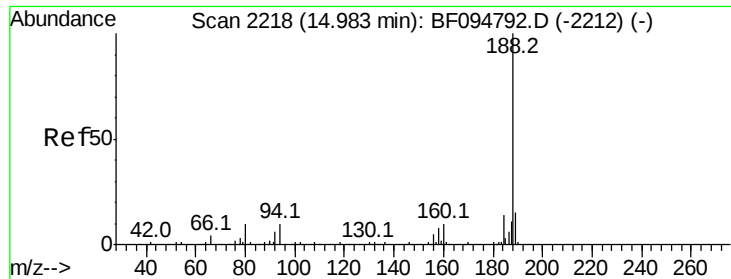
Tot Ion:138 Resp: 122640
 Ion Ratio Lower Upper
 138 100
 92 43.8 21.8 61.8
 108 61.0 42.3 82.3



#62
 Azobenzene
 Concen: 45.01 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion: 77 Resp: 534161
 Ion Ratio Lower Upper
 77 100
 182 27.5 0.1 40.1
 105 24.7 3.6 43.6
 51 26.7 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: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

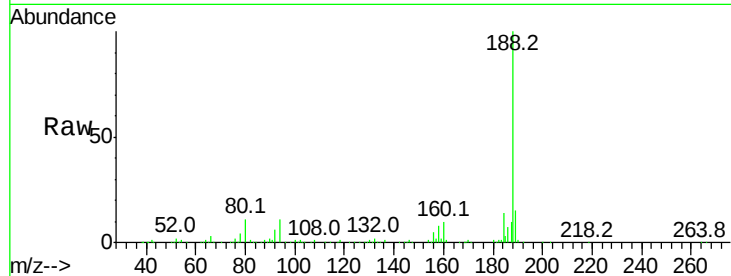
Tot Ion:188 Resp: 326413

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

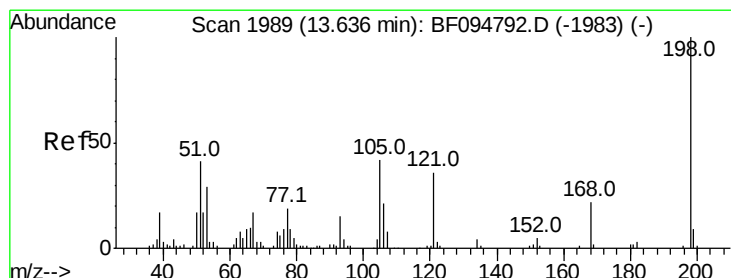
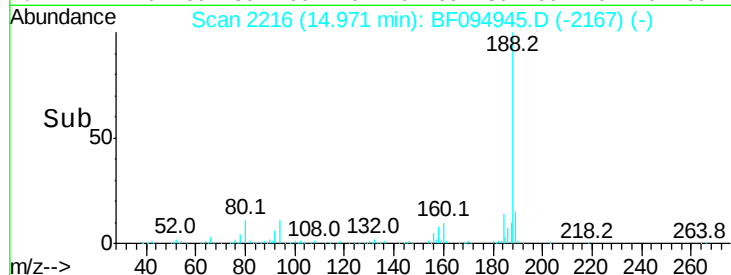
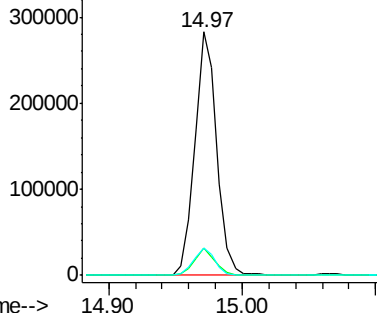
80 11.4 10.2 15.2



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: 40.57 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

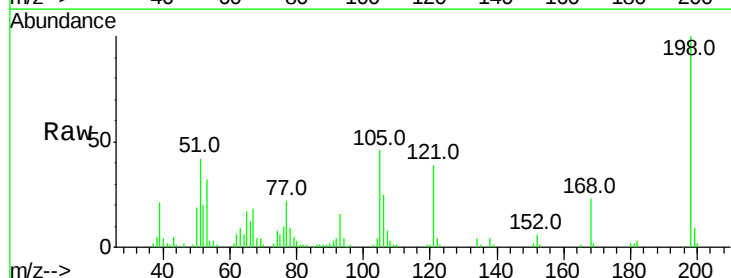
Tgt Ion:198 Resp: 88772

Ion Ratio Lower Upper

198 100

51 41.9 53.2 93.2#

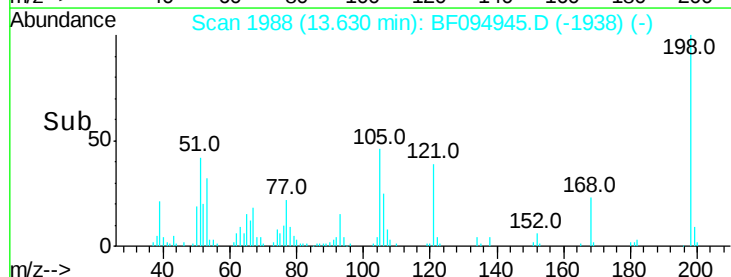
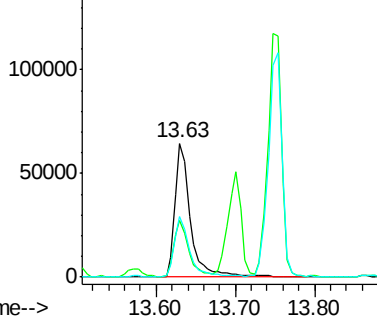
105 45.6 45.8 85.8#



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: 41.16 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

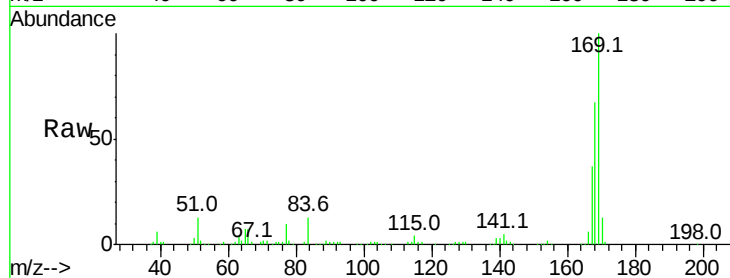
Tot Ion:169 Resp: 487634

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

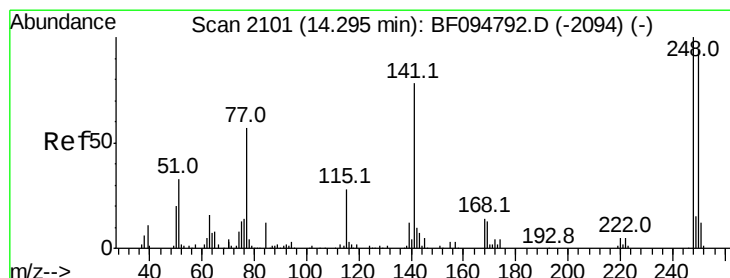
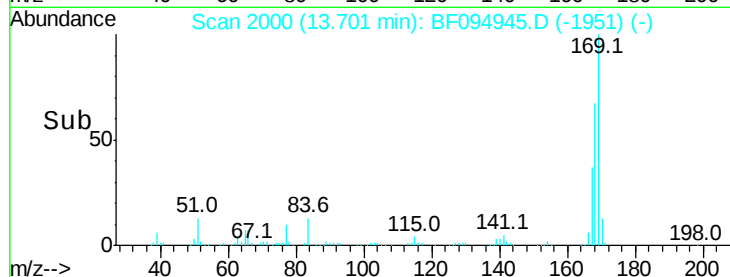
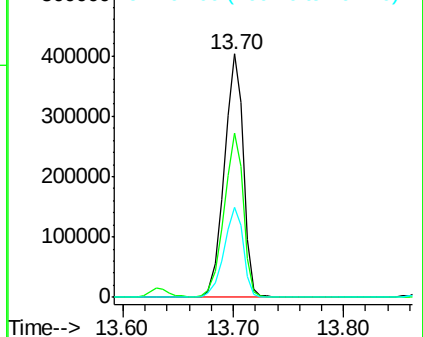
167 37.0 29.5 44.3



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: 42.54 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

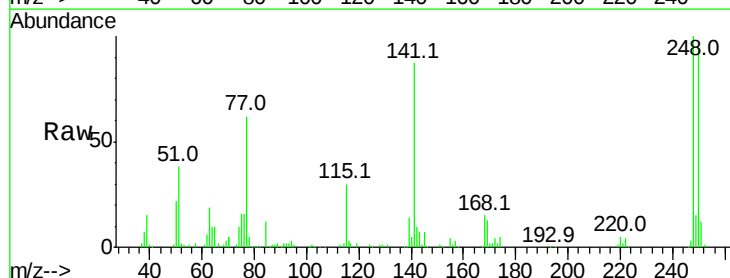
Tgt Ion:248 Resp: 146694

Ion Ratio Lower Upper

248 100

250 95.4 76.8 115.2

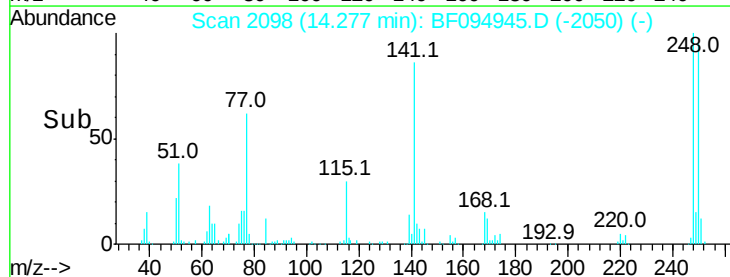
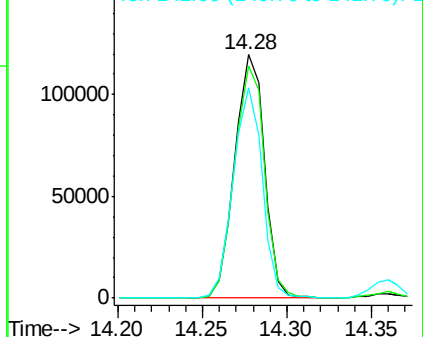
141 86.5 68.6 103.0

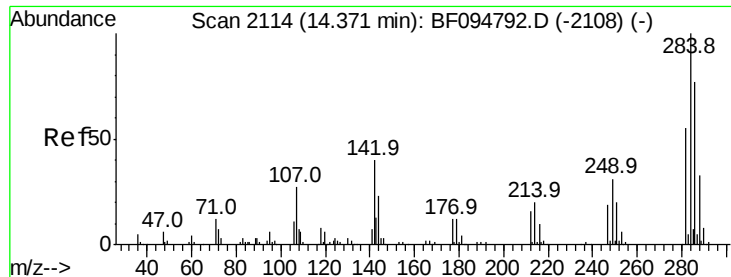


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

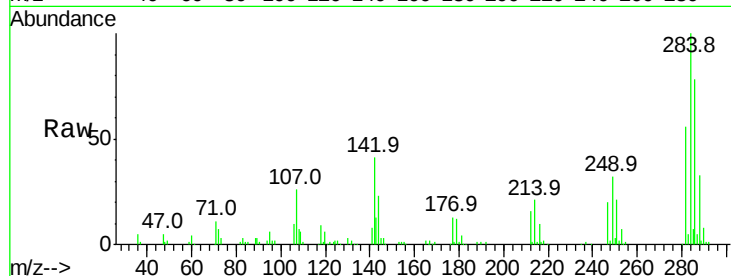




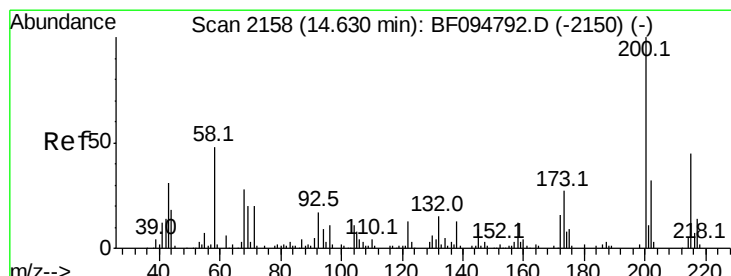
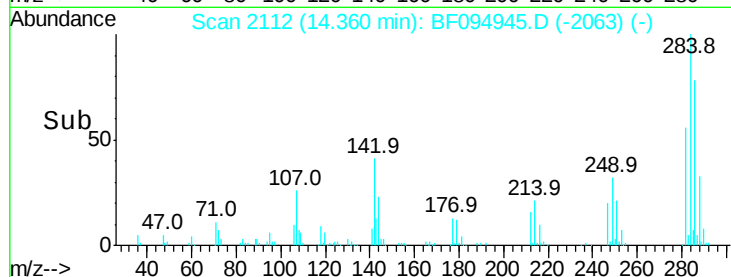
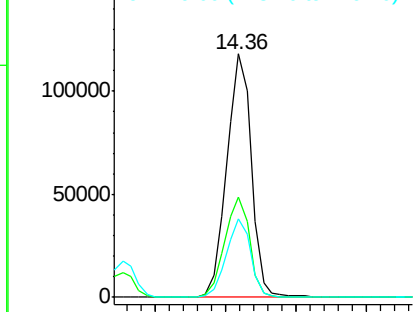
#67
Hexachlorobenzene
Concen: 40.42 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 142839
Ion Ratio Lower Upper
284 100
142 41.4 22.8 34.2#
249 32.2 24.0 36.0

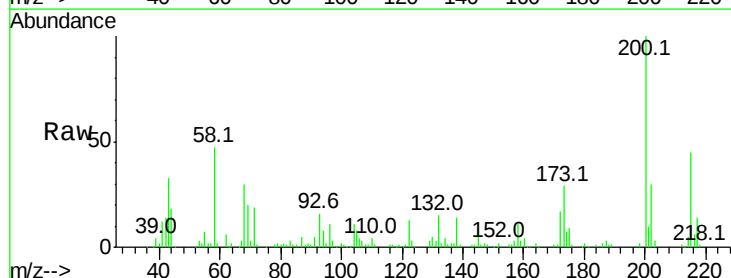


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

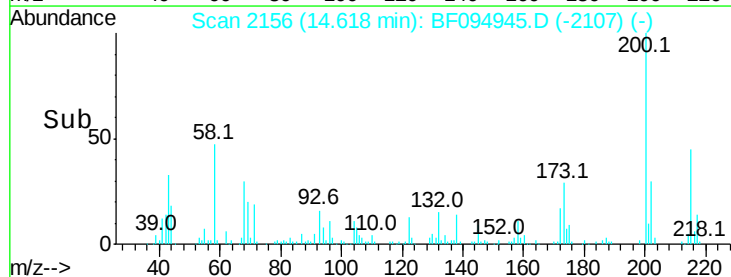
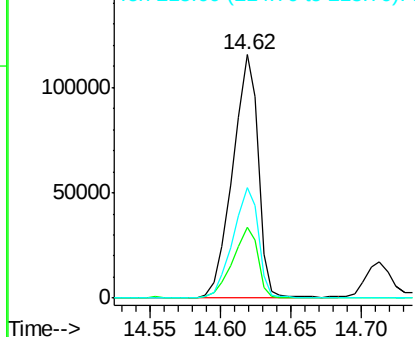


#68
Atrazine
Concen: 43.71 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:200 Resp: 146209
Ion Ratio Lower Upper
200 100
173 29.0 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

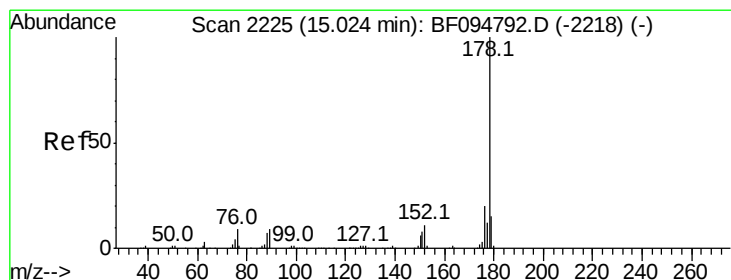
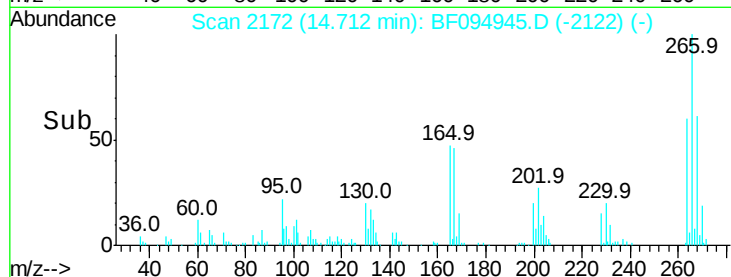
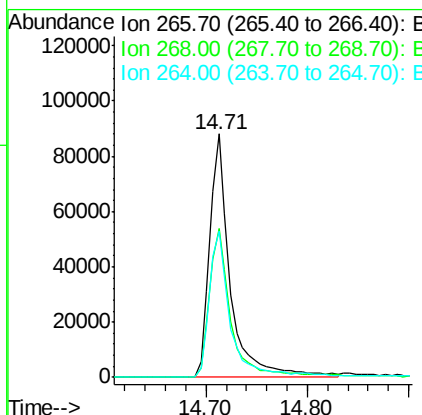
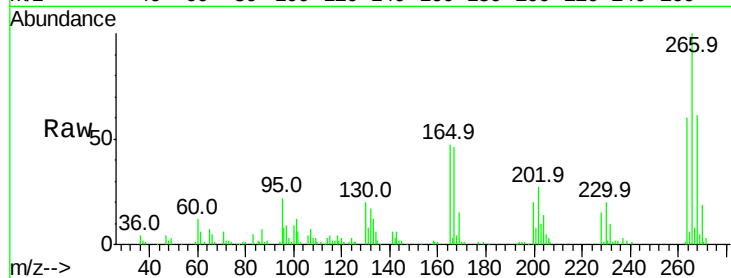




#69
 Pentachlorophenol
 Concen: 78.42 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

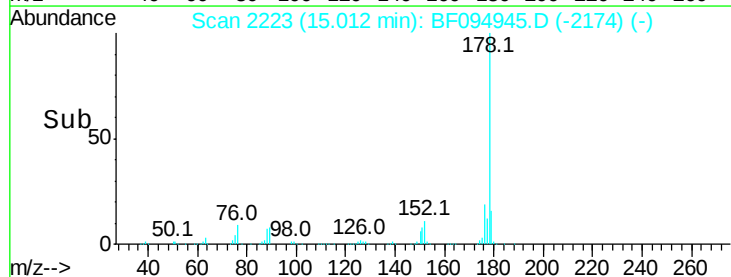
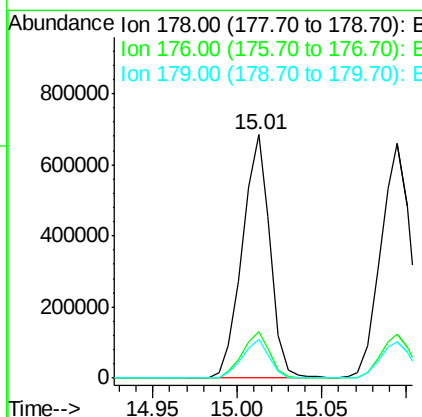
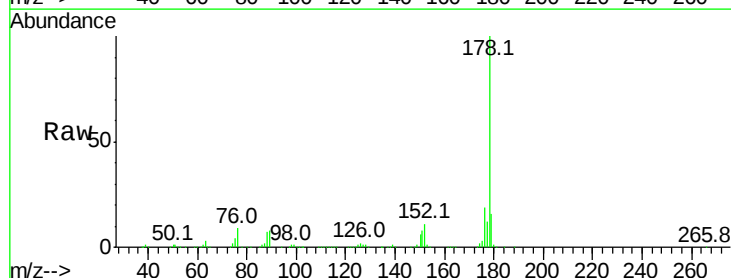
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	60.3	51.7	77.5



#70
 Phenanthrene
 Concen: 41.78 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.8	12.6	19.0





#71

Anthracene

Concen: 42.82 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

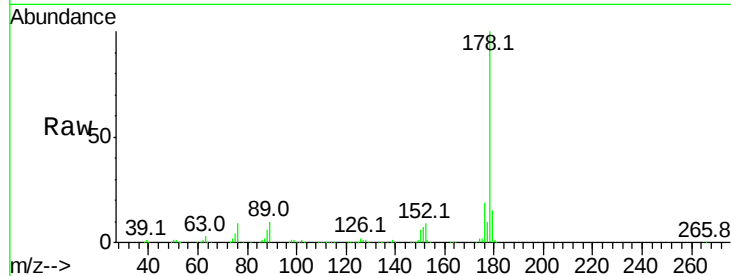
Tot Ion:178 Resp: 820288

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

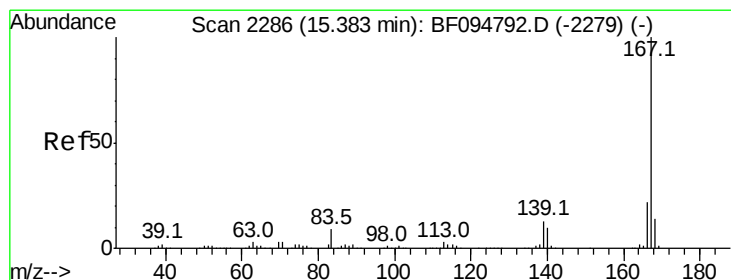
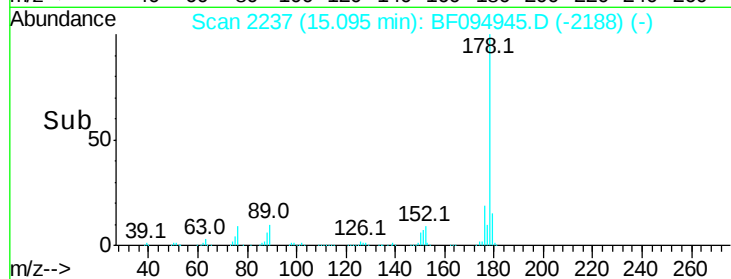
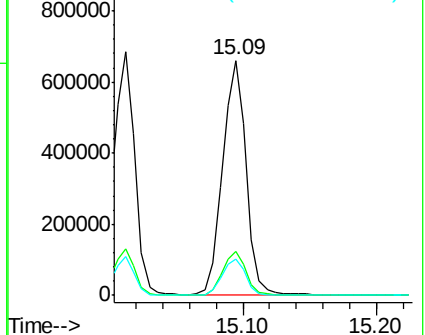
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.66 ng

RT: 15.38 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

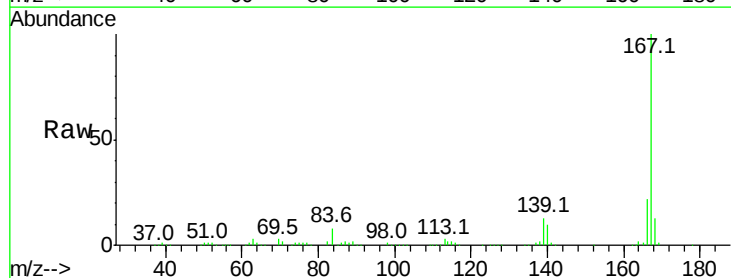
Tgt Ion:167 Resp: 708751

Ion Ratio Lower Upper

167 100

166 21.6 18.1 27.1

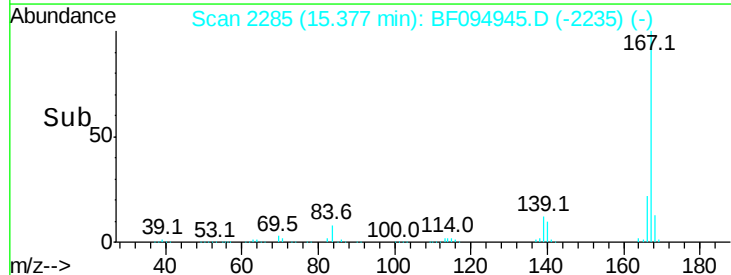
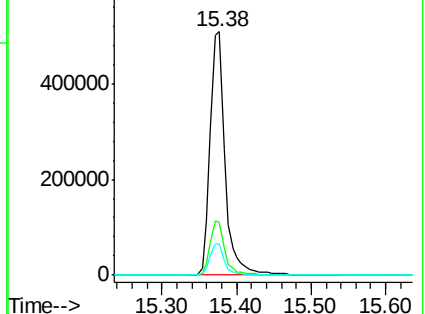
139 12.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

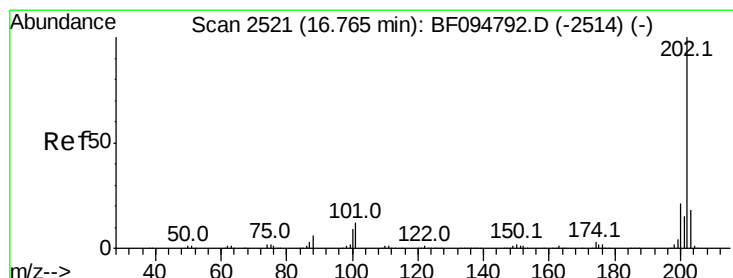
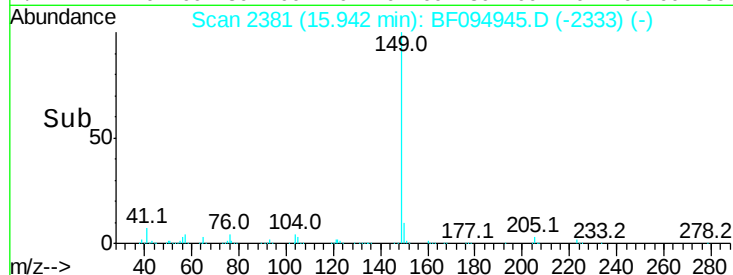
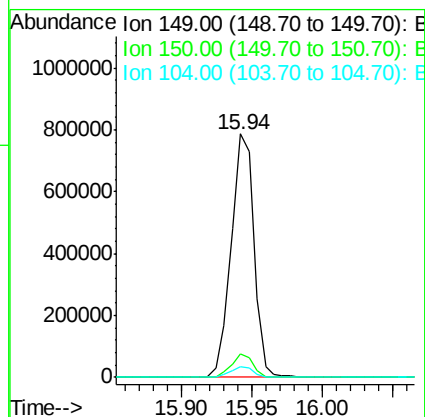
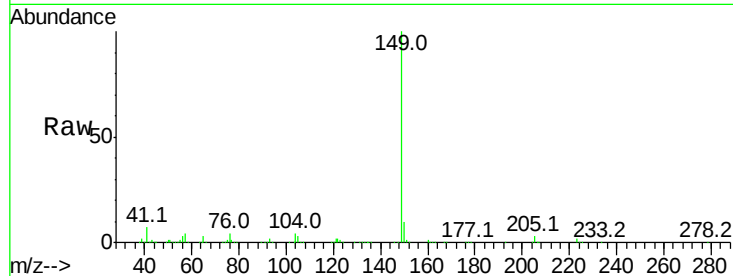




#73
Di-n-butylphthalate
Concen: 40.90 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

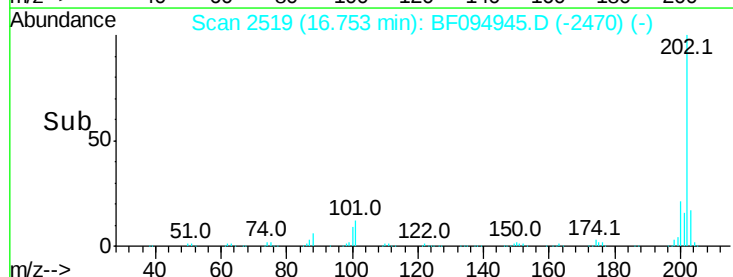
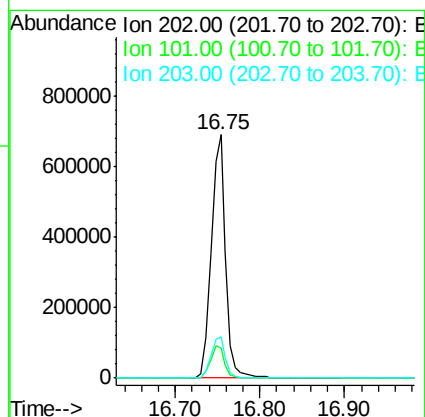
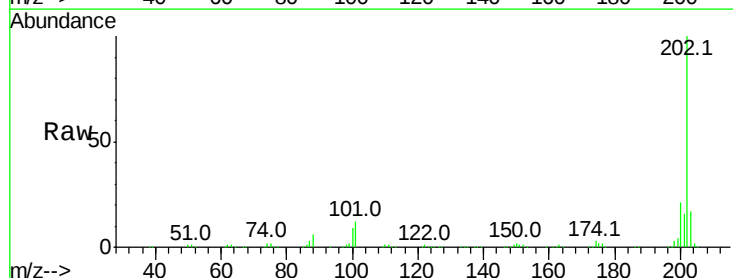
Instrument :
BNA_F
ClientSampleId :

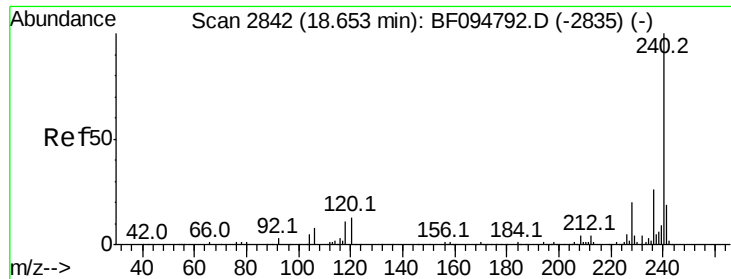
Tot Ion:149 Resp: 889101
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 42.93 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:202 Resp: 825920
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.2
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

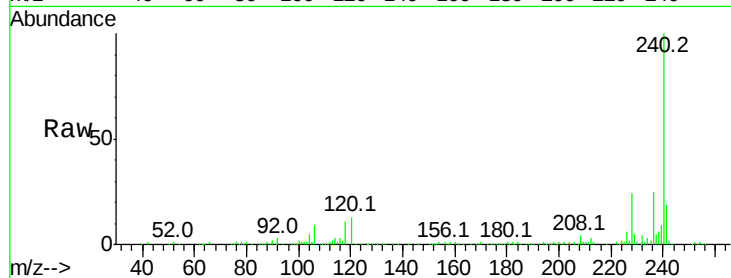
Tot Ion:240 Resp: 245647

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

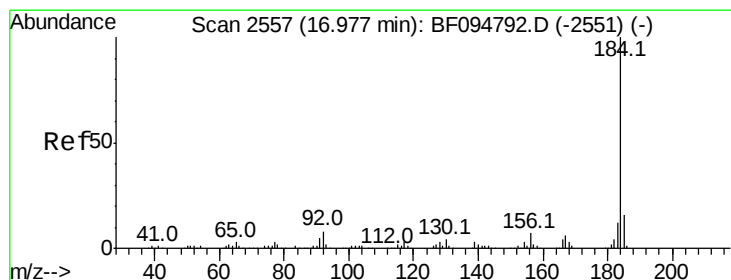
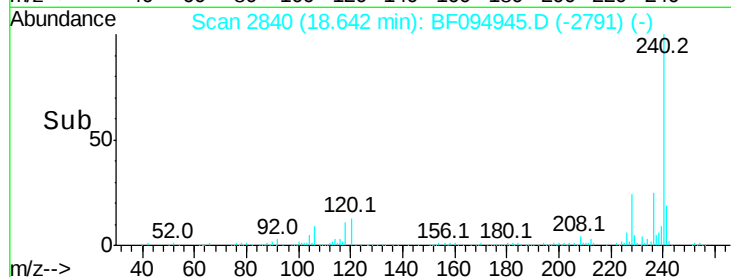
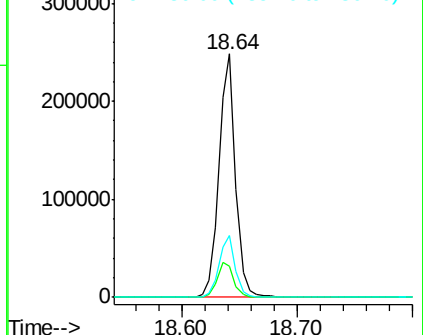
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.61 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

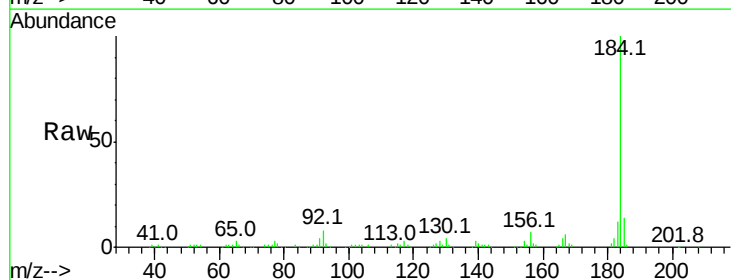
Tgt Ion:184 Resp: 254268

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

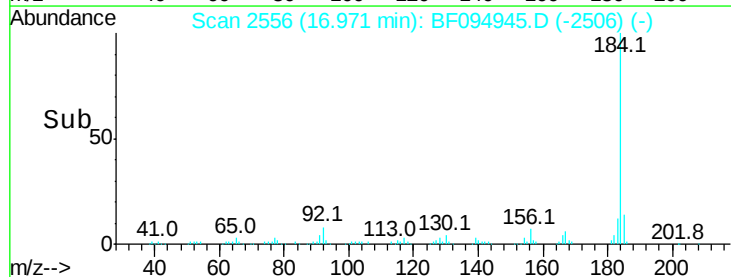
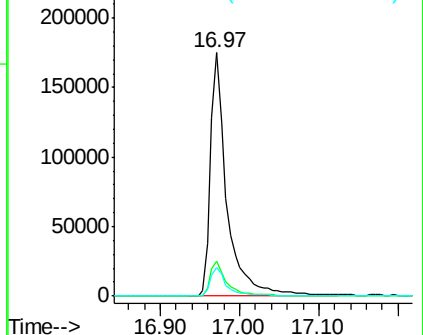
183 11.8 9.8 14.6

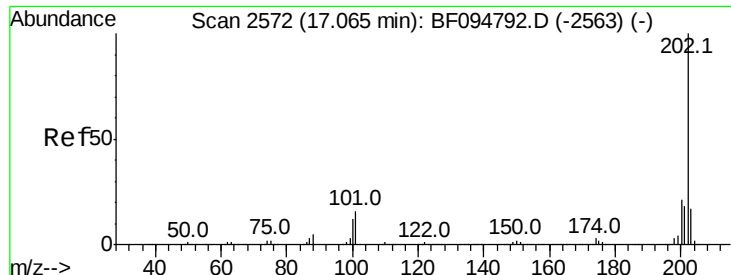


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

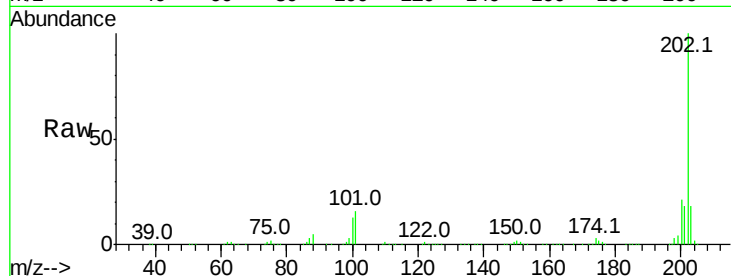




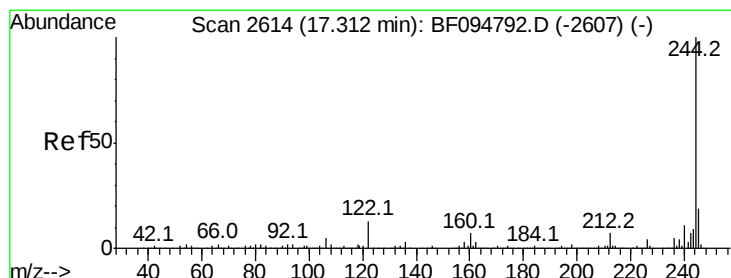
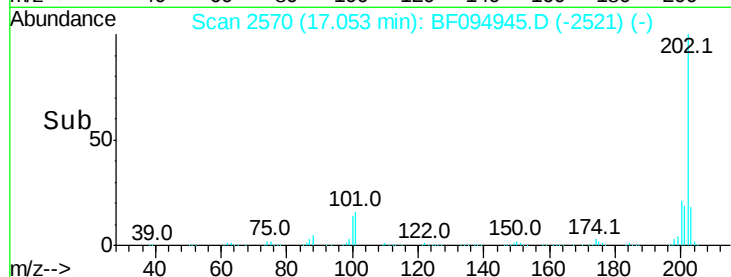
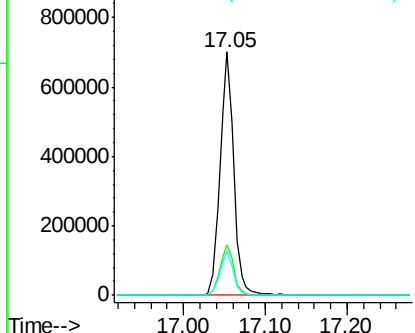
#77
Pvrene
Concen: 44.82 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 823468
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 18.0 14.4 21.6

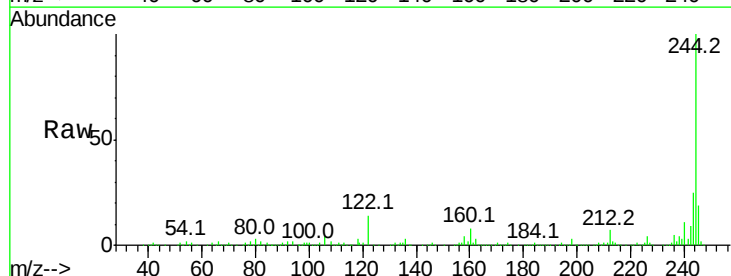


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

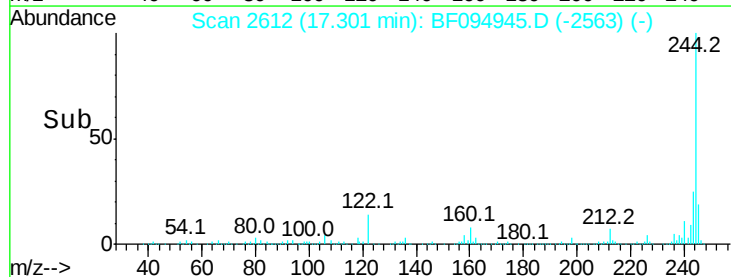
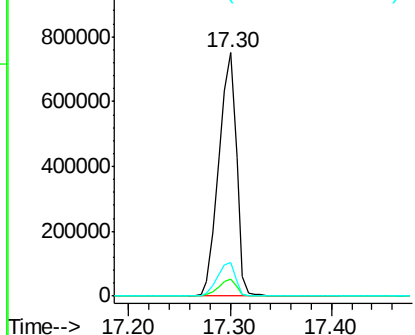


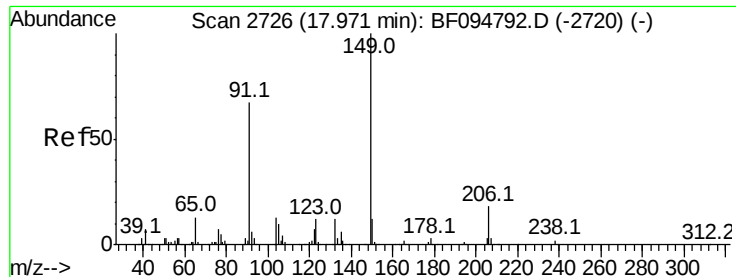
#78
Terphenyl-d14
Concen: 81.86 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:244 Resp: 912965
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.9 10.3 15.5



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

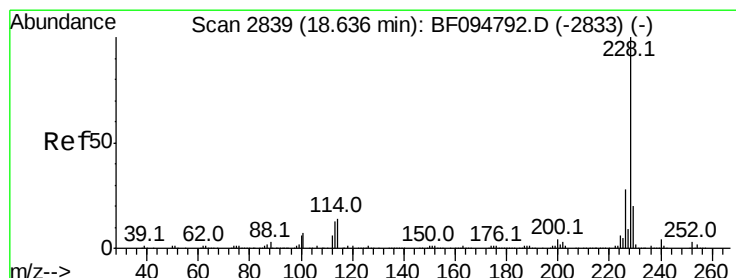
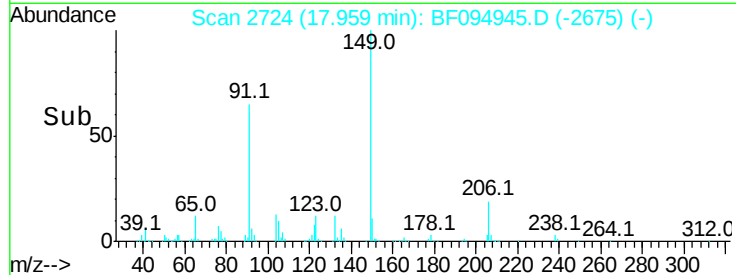
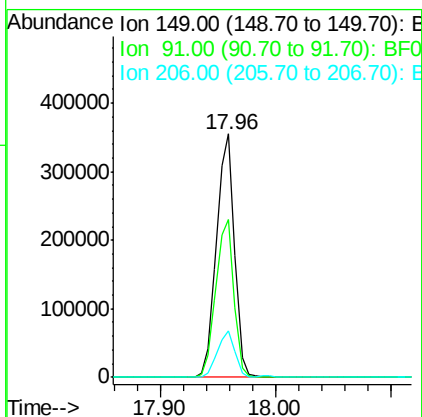
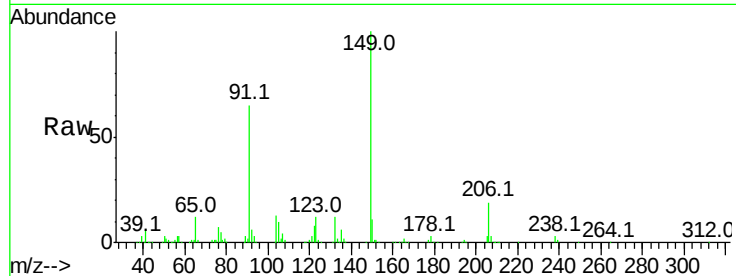




#79
Butylbenzylphthalate
Concen: 45.01 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

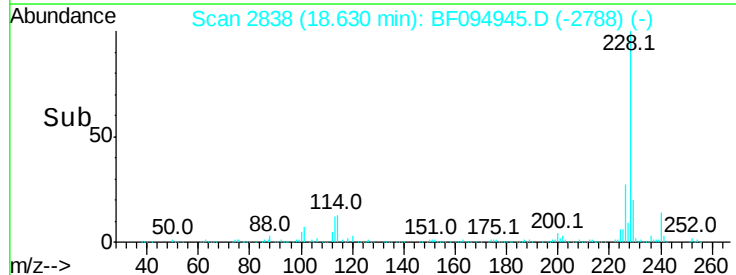
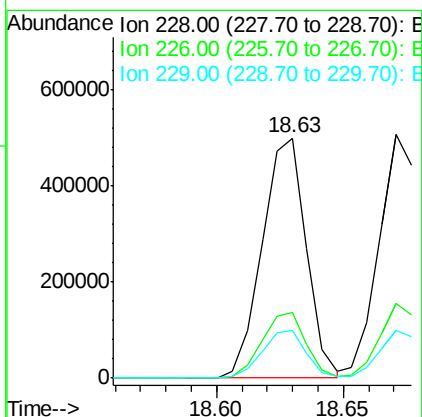
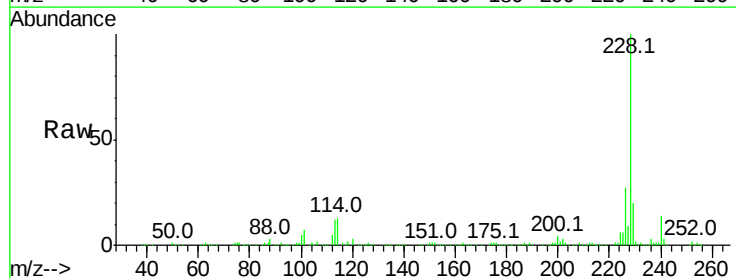
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 384661
Ion Ratio Lower Upper
149 100
91 64.9 45.0 67.4
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion:228 Resp: 604945
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 16.3 24.5

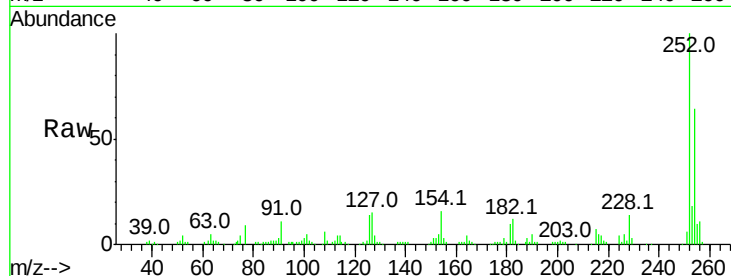




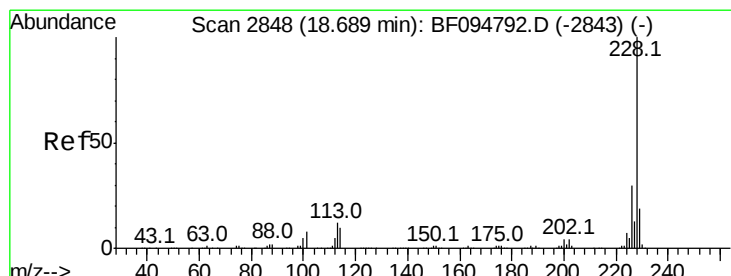
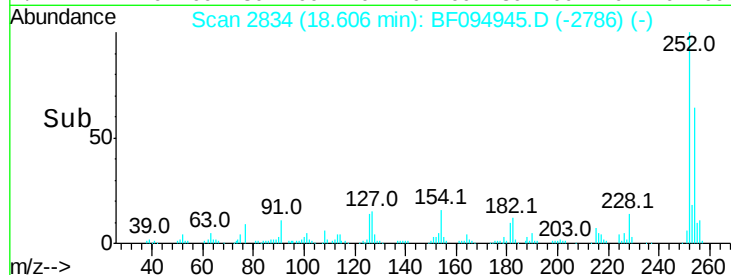
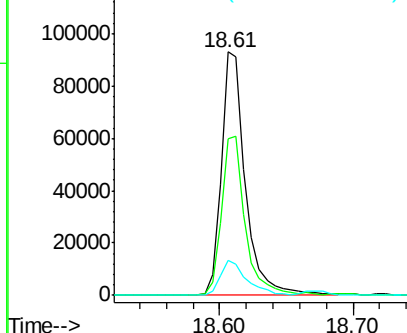
#81
 3,3'-Dichlorobenzidine
 Concen: 23.92 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 118111
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 14.2 15.8 23.8#

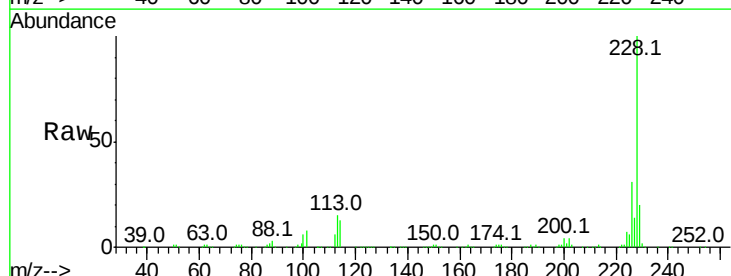


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

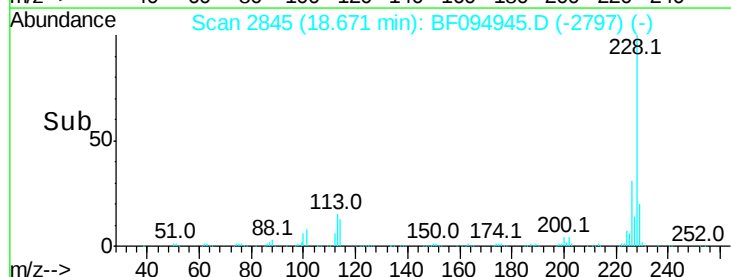
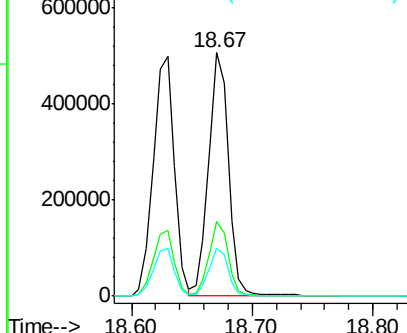


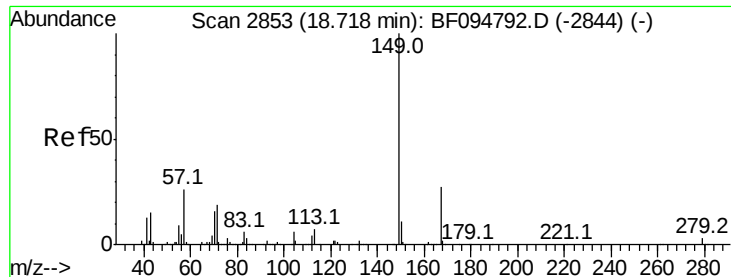
#82
 Chrysene
 Concen: 41.66 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:228 Resp: 575878
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.5 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

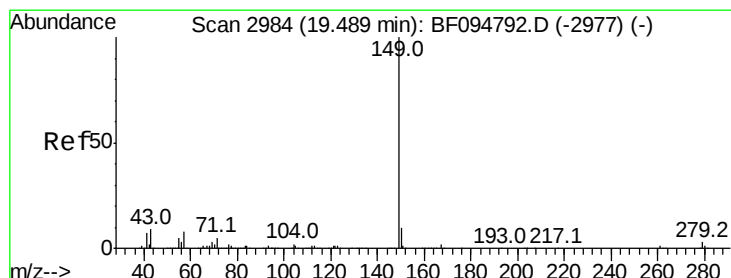
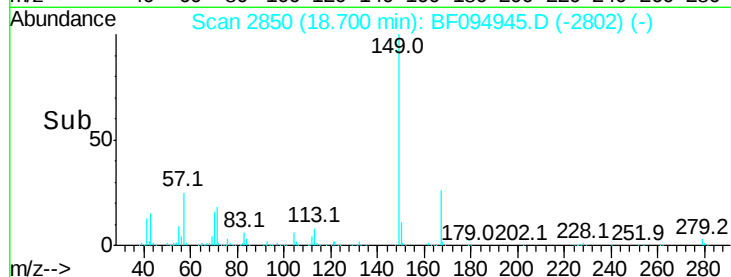
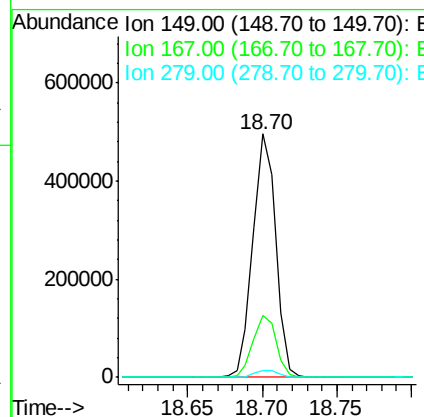
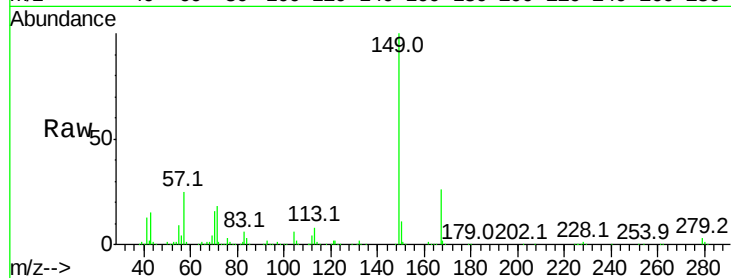




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.18 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

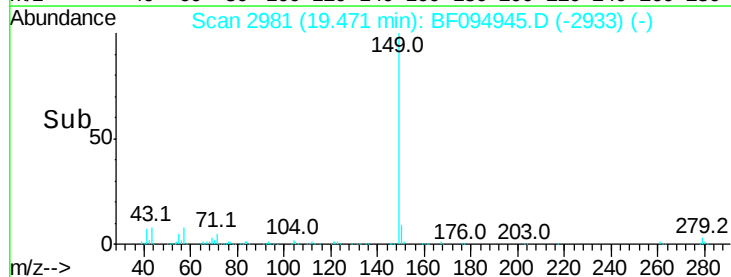
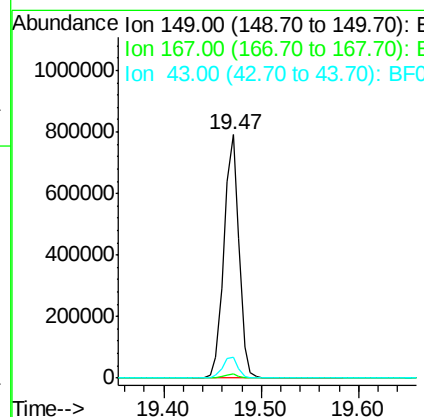
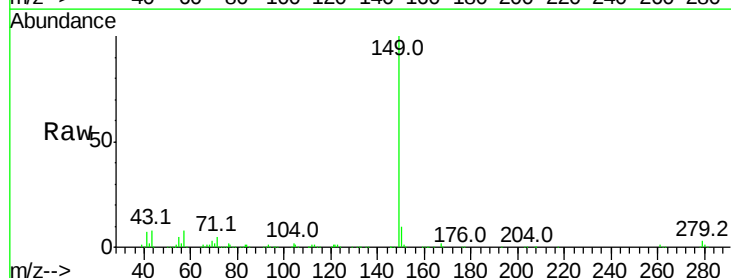
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 525762
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.41 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:149 Resp: 846600
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 8.5 12.7

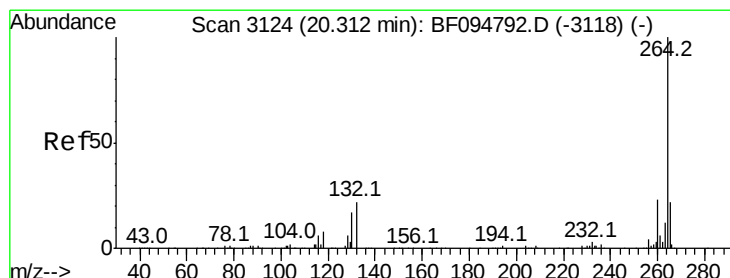
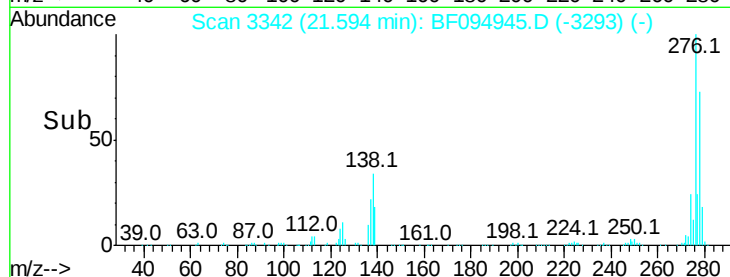
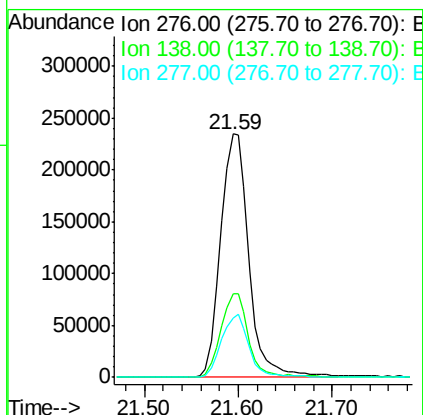
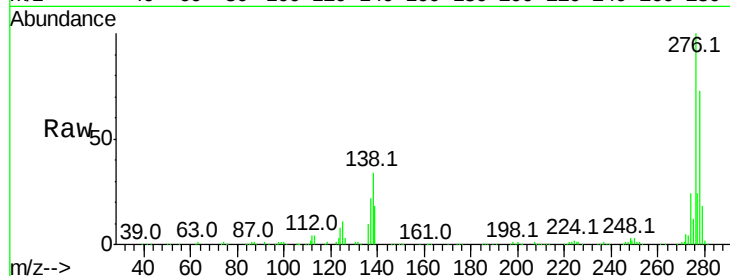




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.95 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

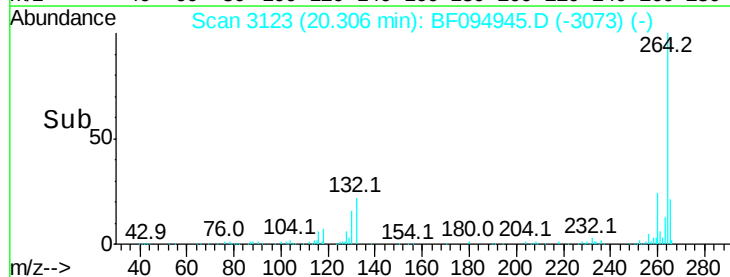
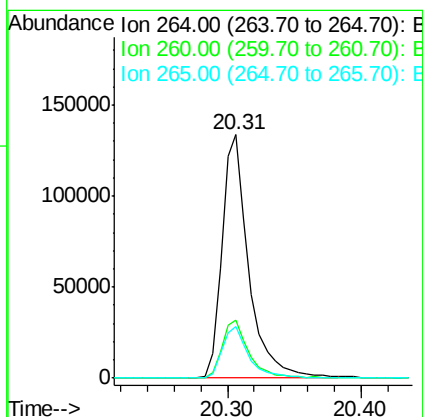
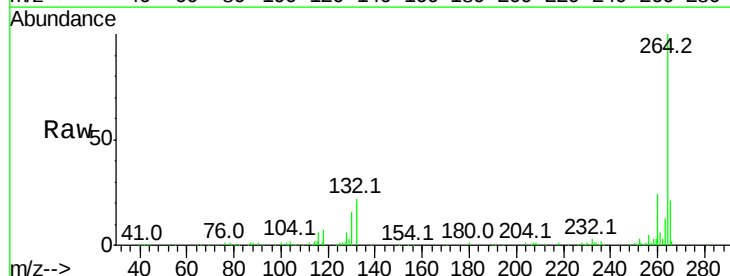
Instrument :
 BNA_F
 ClientSampleId :

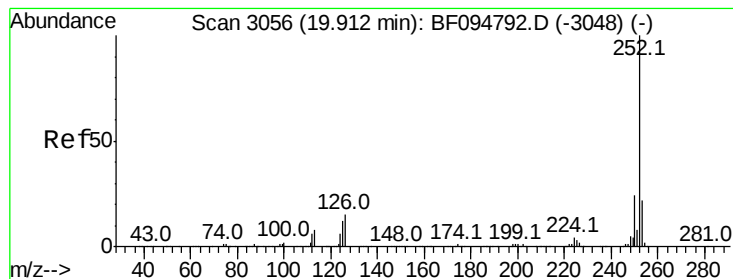
Tot Ion:276 Resp: 493342
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 25.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094945.D
 Acq: 6 May 2017 6:24

Tgt Ion:264 Resp: 187151
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.85 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

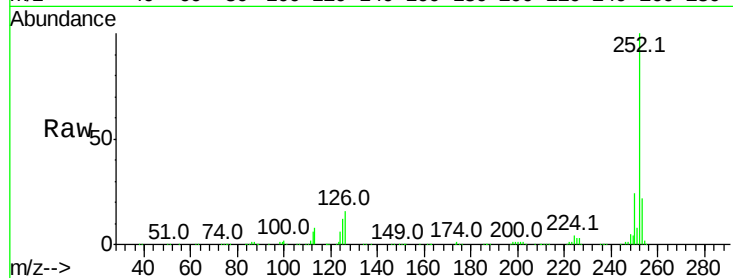
Tot Ion:252 Resp: 507055

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

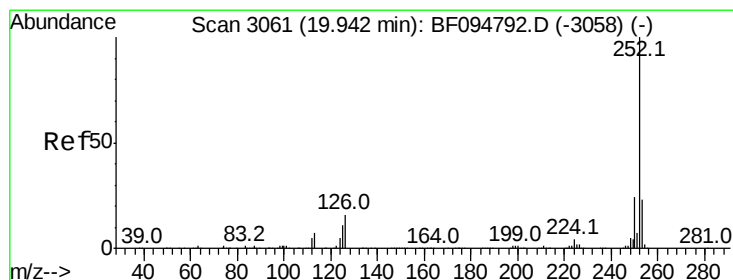
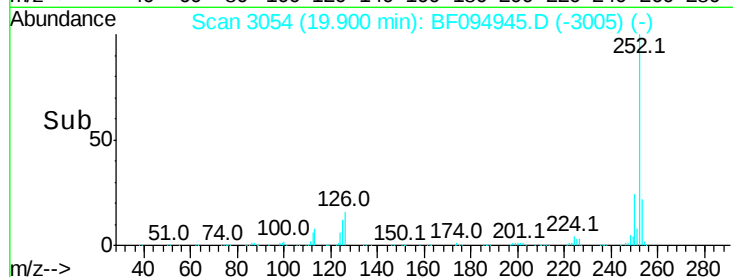
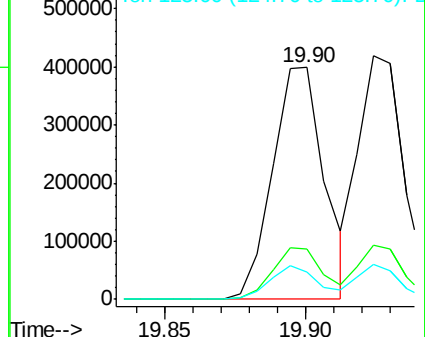
125 11.9 9.8 14.8



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: 44.38 ng

RT: 19.92 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

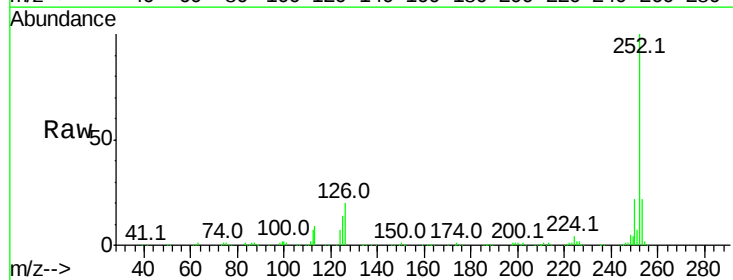
Tgt Ion:252 Resp: 495026

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

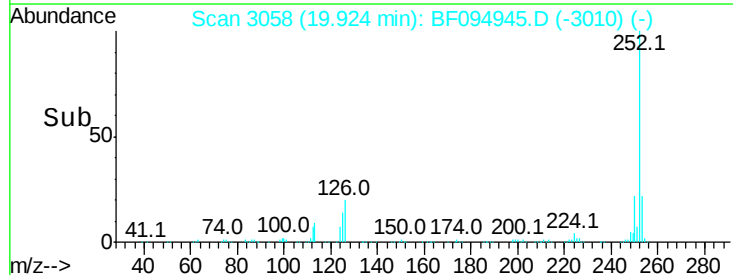
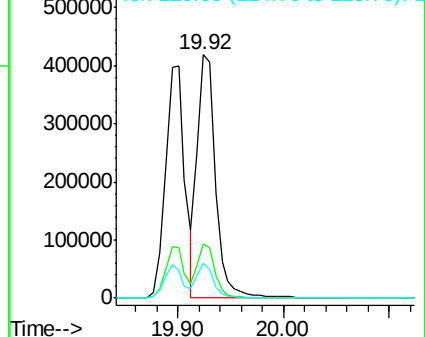
125 14.4 13.1 19.7

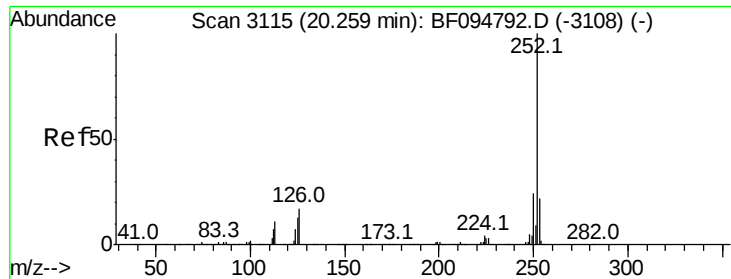


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

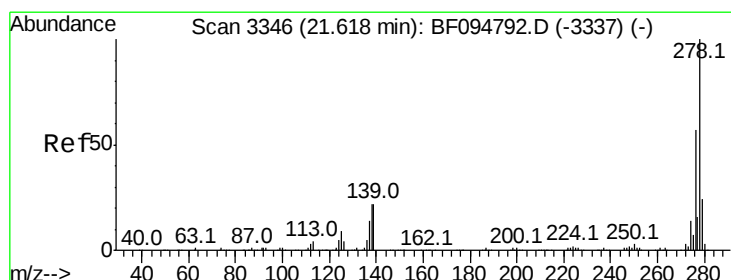
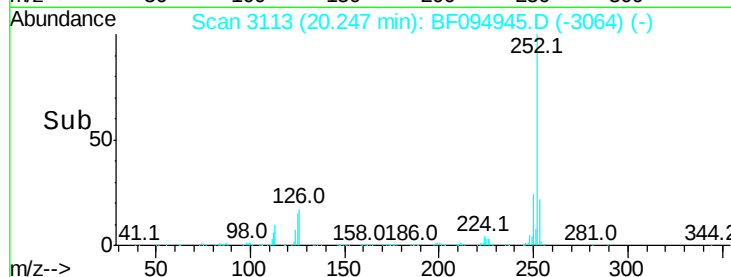
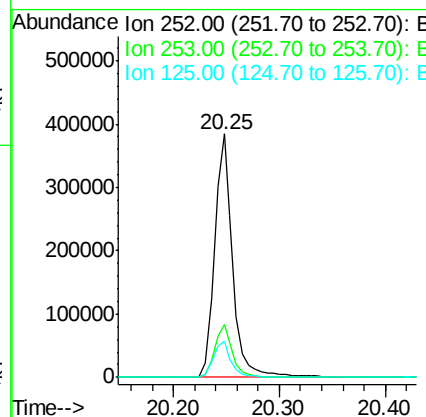
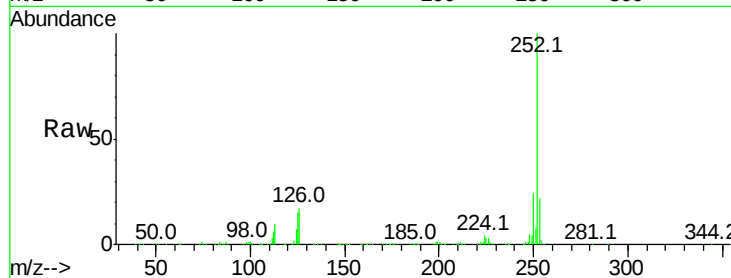




#89
Benzo(a)pyrene
Concen: 43.16 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

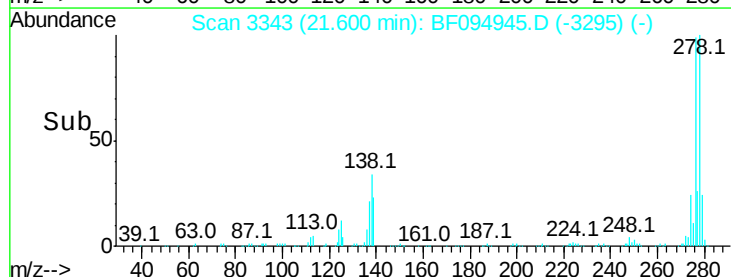
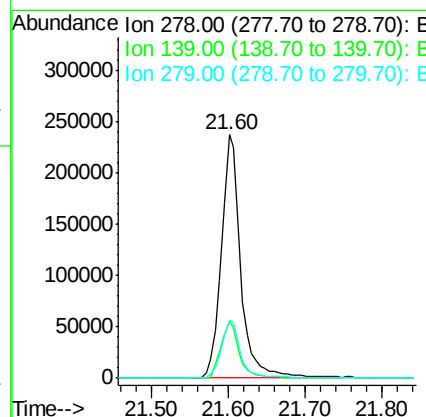
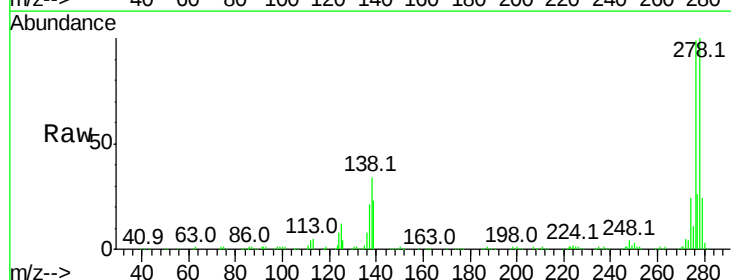
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.7	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.70 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094945.D
Acq: 6 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.7	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 49.02 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094945.D

Acq: 6 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

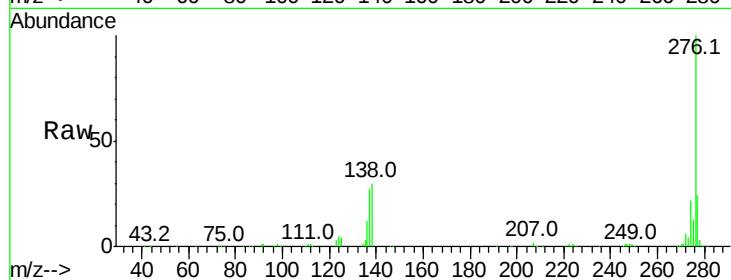
Tot Ion: 276 Resp: 423953

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 29.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

