

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094880.D
 Acq On : 4 May 2017 18:30
 Operator : SJ/MA
 Sample : PB98591BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 01:24:24 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	86028	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	346489	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	165536	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	321356	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	268592	20.00	ng	-0.01
86) Perylene-d12	20.30	264	228413	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	708298	137.27	ng	0.00
7) Phenol-d6	7.27	99	855614	138.20	ng	0.00
23) Nitrobenzene-d5	8.62	82	502333	91.42	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	198043	146.08	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1027429	89.34	ng	-0.01
78) Terphenyl-d14	17.30	244	913793	74.93	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.12	88	83612	33.04	ng	93
3) Pyridine	2.79	79	209566	35.73	ng	98
4) n-Nitrosodimethylamine	2.71	42	97079	39.71	ng	82
6) Aniline	7.22	93	249621	31.94	ng	95
8) 2-Chlorophenol	7.41	128	270496	46.06	ng	97
9) Benzaldehyde	7.05	77	26396	6.98	ng	90
10) Phenol	7.29	94	304829	46.72	ng	87
11) bis(2-Chloroethyl)ether	7.36	93	233765	43.40	ng	96
12) 1,3-Dichlorobenzene	7.62	146	280625	42.12	ng	98
13) 1,4-Dichlorobenzene	7.75	146	285778	42.30	ng	97
14) 1,2-Dichlorobenzene	7.98	146	269490	42.73	ng	96
15) Benzyl Alcohol	8.00	79	212058	53.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	304174	39.90	ng	# 35
17) 2-Methylphenol	8.22	107	215554	44.85	ng	# 90
18) Hexachloroethane	8.51	117	94302	41.20	ng	88
19) n-Nitroso-di-n-propylamine	8.43	70	179125	42.78	ng	94
20) 3+4-Methylphenols	8.47	107	292802	44.83	ng	# 60
22) Acetophenone	8.40	105	362987	43.66	ng	# 83
24) Nitrobenzene	8.65	77	259739	45.10	ng	92
25) Isophorone	9.05	82	466322	47.53	ng	# 94
26) 2-Nitrophenol	9.16	139	145288	46.75	ng	97
27) 2,4-Dimethylphenol	9.30	122	236735	47.12	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	298951	44.04	ng	99
29) 2,4-Dichlorophenol	9.57	162	236088	49.76	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	220782	43.44	ng	99
31) Naphthalene	9.78	128	753220	43.25	ng	98
32) Benzoic acid	9.60	122	150375	45.84	ng	93
33) 4-Chloroaniline	9.92	127	55009	8.48	ng	95
34) Hexachlorobutadiene	10.00	225	112633	42.00	ng	99
35) Caprolactam	10.54	113	37776	26.52	ng	87
36) 4-Chloro-3-methylphenol	10.77	107	253779	50.03	ng	89
37) 2-Methylnaphthalene	10.90	142	546097	47.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	212754	41.79	ng	100
40) Hexachlorocyclopentadiene	11.16	237	177520	82.73	ng	98

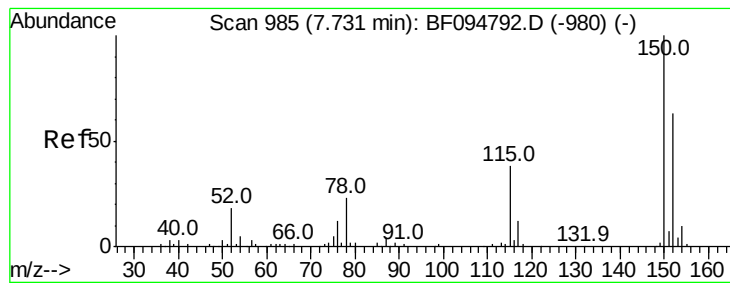
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094880.D
 Acq On : 4 May 2017 18:30
 Operator : SJ/MA
 Sample : PB98591BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 01:24:24 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)
42) 2,4,6-Trichlorophenol	11.39	196	155565	45.77	nq	99
43) 2,4,5-Trichlorophenol	11.48	196	163612	44.79	nq	# 93
45) 1,1'-Biphenyl	11.67	154	600936	43.12	nq	98
46) 2-Chloronaphthalene	11.68	162	484879	43.09	nq	95
47) 2-Nitroaniline	11.89	65	140498	45.61	nq	# 81
48) Acenaphthylene	12.34	152	789194	44.77	nq	99
49) Dimethylphthalate	12.21	163	601674	44.27	nq	99
50) 2,6-Dinitrotoluene	12.31	165	131355	47.38	nq	98
51) Acenaphthene	12.62	154	461577	43.84	nq	99
52) 3-Nitroaniline	12.57	138	66542	22.36	nq	# 96
53) 2,4-Dinitrophenol	12.77	184	134929	87.71	nq	# 69
54) Dibenzofuran	12.91	168	717086	49.22	nq	98
55) 4-Nitrophenol	12.95	139	178698	99.99	nq	# 74
56) 2,4-Dinitrotoluene	12.97	165	181207	50.86	nq	# 89
57) Fluorene	13.47	166	548168	43.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	124851	54.30	nq	92
59) Diethylphthalate	13.37	149	533586	40.97	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	238881	42.91	nq	91
61) 4-Nitroaniline	13.57	138	127154	46.55	nq	94
62) Azobenzene	13.75	77	536445	51.25	nq	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	93396	43.35	nq	# 67
65) n-Nitrosodiphenylamine	13.70	169	494314	42.38	nq	98
66) 4-Bromophenyl-phenylether	14.28	248	145333	42.81	nq	99
67) Hexachlorobenzene	14.36	284	149551	42.98	nq	# 86
68) Atrazine	14.62	200	137143	41.65	nq	97
69) Pentachlorophenol	14.71	266	134250	84.94	nq	98
70) Phenanthrene	15.01	178	843400	45.68	nq	98
71) Anthracene	15.09	178	875610	46.43	nq	98
72) Carbazole	15.38	167	811104	47.27	nq	98
73) Di-n-butylphthalate	15.95	149	941633	44.00	nq	98
74) Fluoranthene	16.75	202	872774	46.08	nq	98
76) Benzidine	16.97	184	129710	21.99	nq	# 94
77) Pyrene	17.05	202	891100	44.36	nq	99
79) Butylbenzylphthalate	17.96	149	380986	40.78	nq	90
80) Benzo(a)anthracene	18.63	228	725352	46.40	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	170297	31.54	nq	# 97
82) Chrysene	18.67	228	678836	44.91	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	560150	42.08	nq	# 99
84) Di-n-octyl phthalate	19.47	149	970537	44.47	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	546880	44.55	nq	99
87) Benzo(b)fluoranthene	19.89	252	703810	49.87	nq	97
88) Benzo(k)fluoranthene	19.92	252	615825	45.23	nq	96
89) Benzo(a)pyrene	20.25	252	603337	46.33	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	461043	42.86	nq	98
91) Benzo(g,h,i)perylene	21.96	276	415556	39.37	nq	95

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

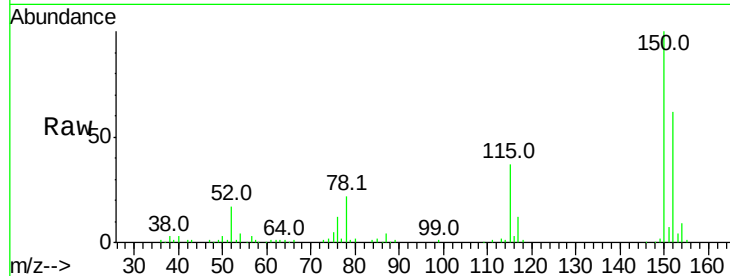


#1

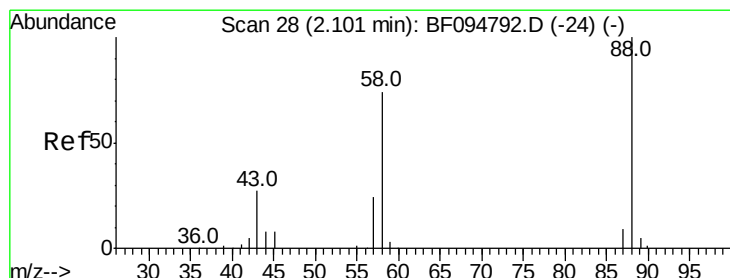
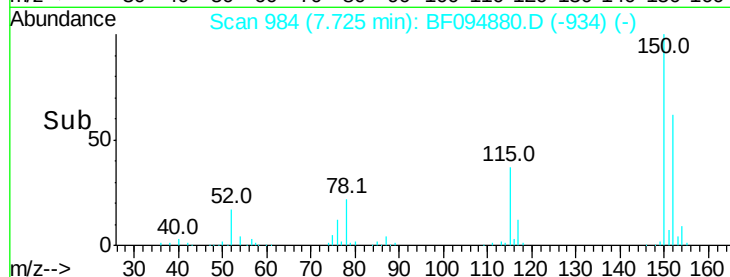
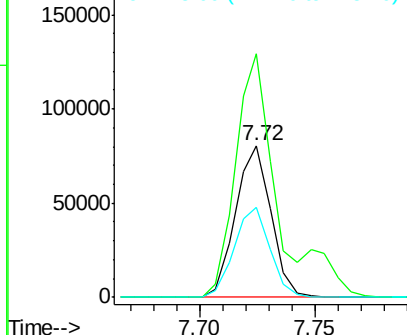
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86028
Ion Ratio Lower Upper
152 100
150 160.8 126.2 189.2
115 59.9 52.2 78.2



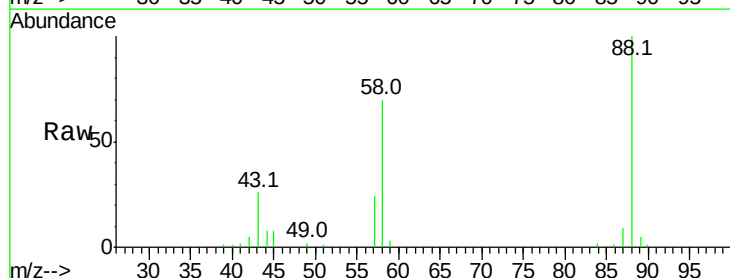
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



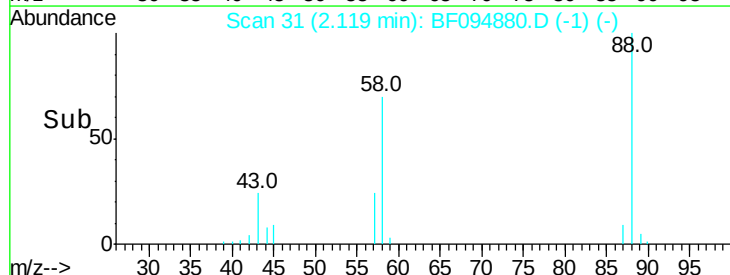
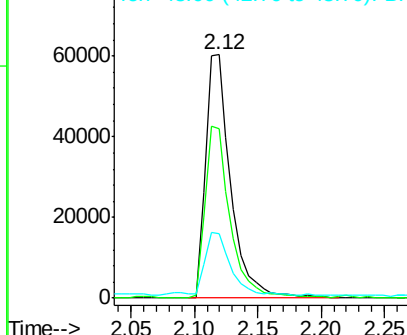
#2

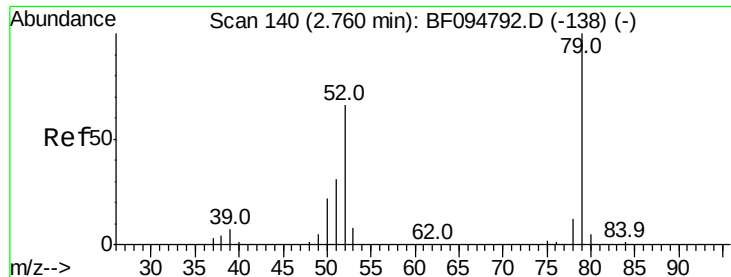
1,4-Dioxane
Concen: 33.04 ng
RT: 2.12 min Scan# 31
Delta R.T. 0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion: 88 Resp: 83612
Ion Ratio Lower Upper
88 100
58 70.8 61.4 92.0
43 26.0 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: 35.73 ng

RT: 2.79 min Scan# 145

Delta R.T. 0.03 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :

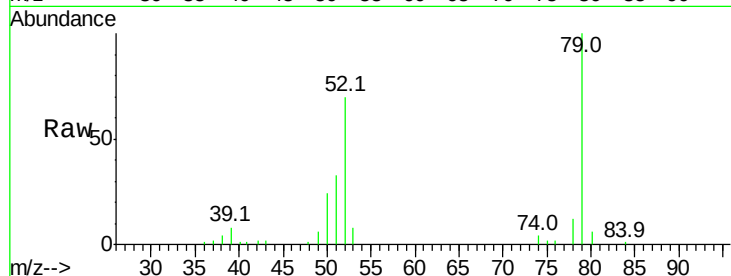
Tot Ion: 79 Resp: 209566

Ion Ratio Lower Upper

79 100

52 70.1 54.8 82.2

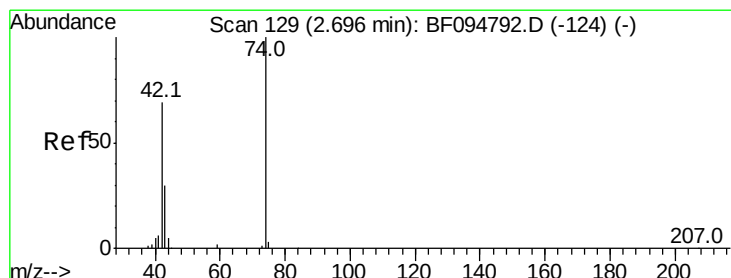
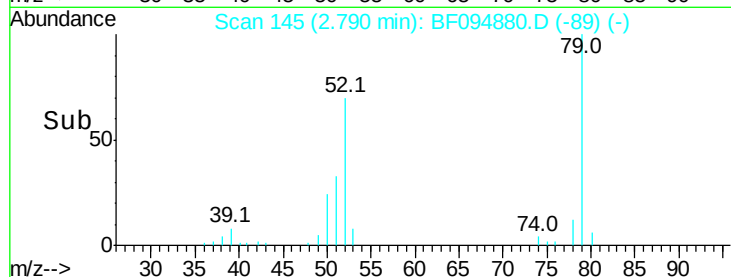
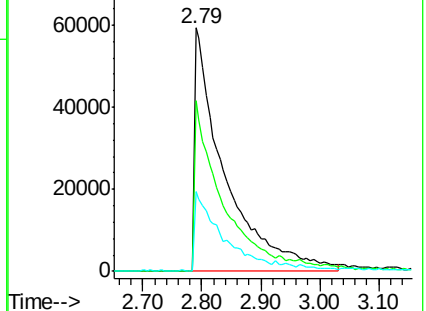
51 33.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.71 ng

RT: 2.71 min Scan# 132

Delta R.T. 0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

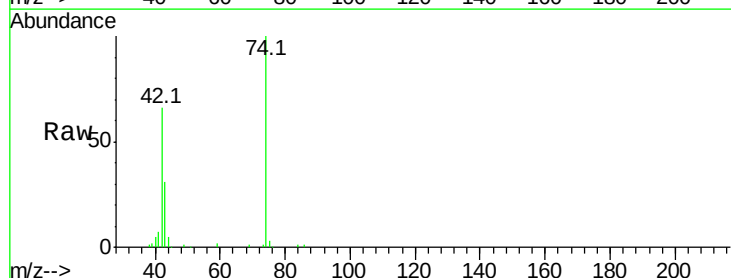
Tgt Ion: 42 Resp: 97079

Ion Ratio Lower Upper

42 100

74 151.8 103.9 155.9

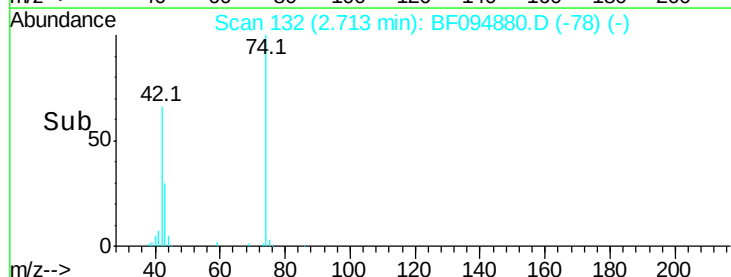
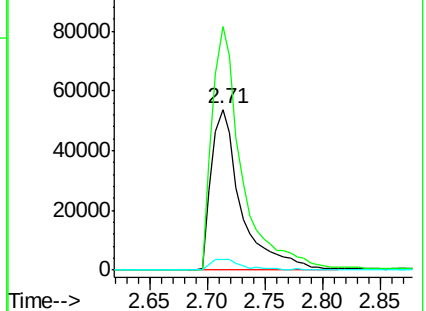
44 7.0 5.7 8.5

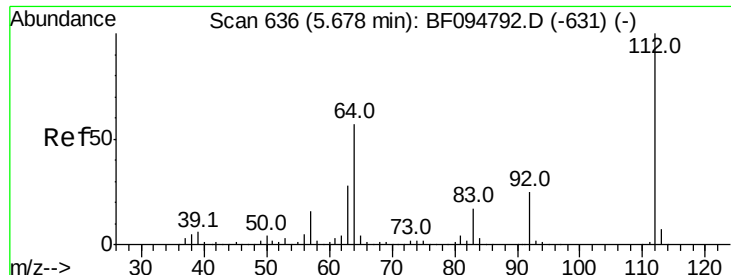


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.27 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :

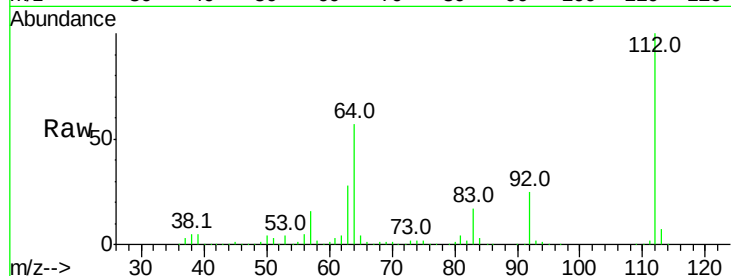
Tot Ion:112 Resp: 708298

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

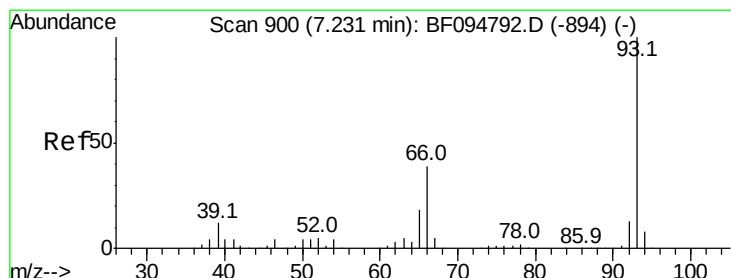
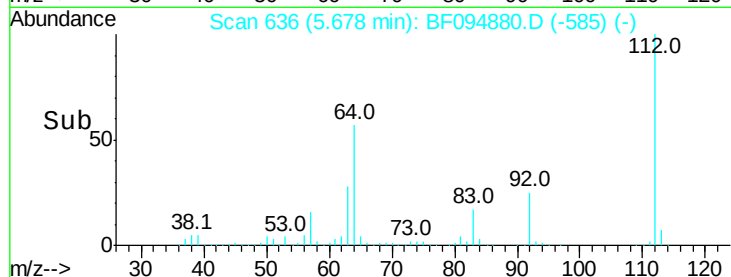
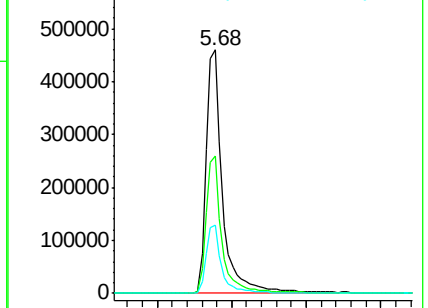
63 27.9 23.4 35.0



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: 31.94 ng

RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

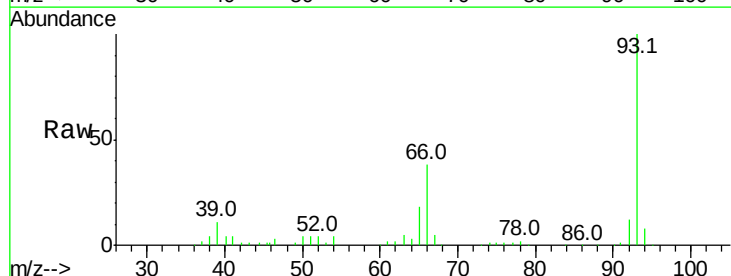
Tgt Ion: 93 Resp: 249621

Ion Ratio Lower Upper

93 100

66 38.0 32.9 49.3

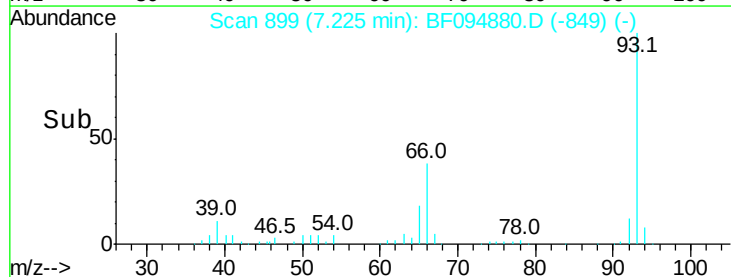
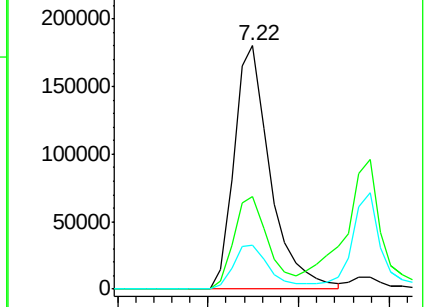
65 18.0 16.0 24.0

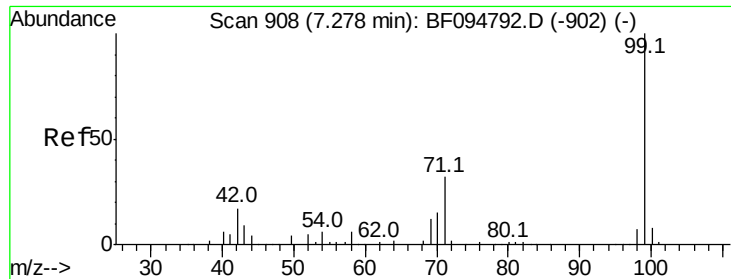


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.20 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :

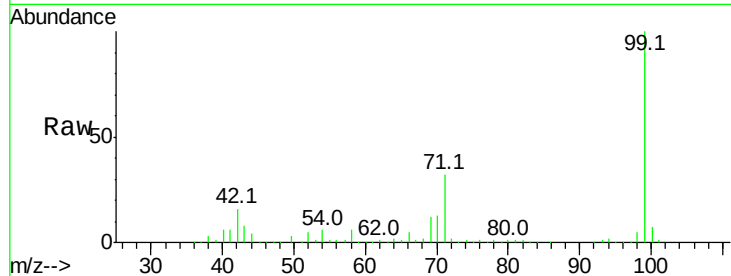
Tot Ion: 99 Resp: 855614

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

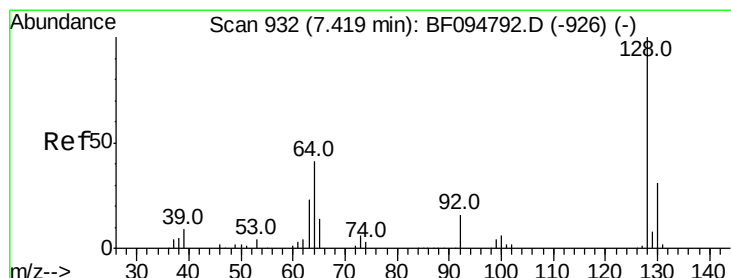
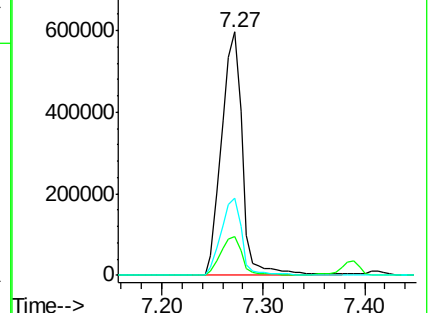
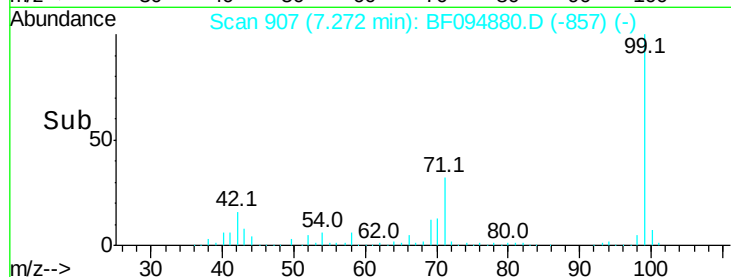
71 31.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.06 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

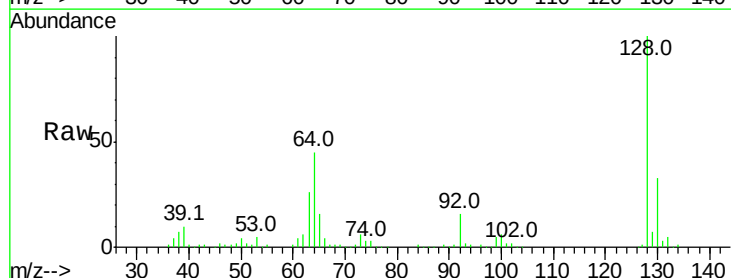
Tgt Ion: 128 Resp: 270496

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

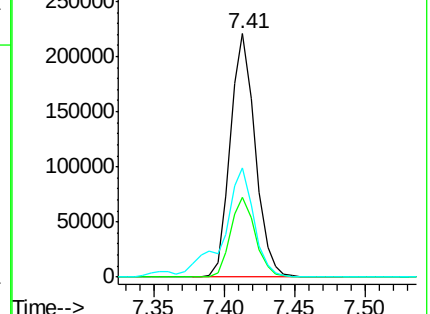
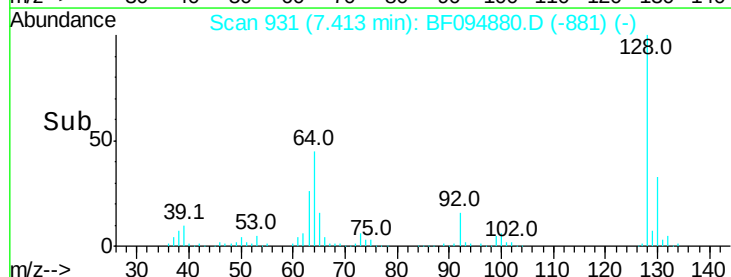
64 45.1 28.4 68.4

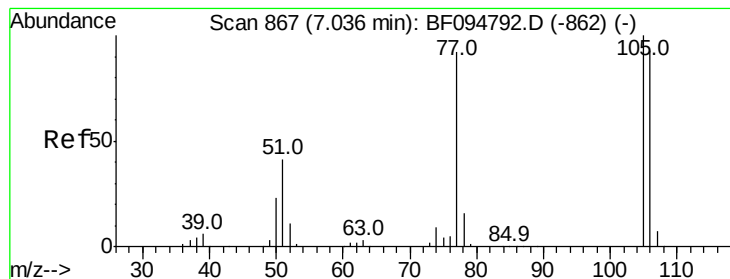


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.98 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

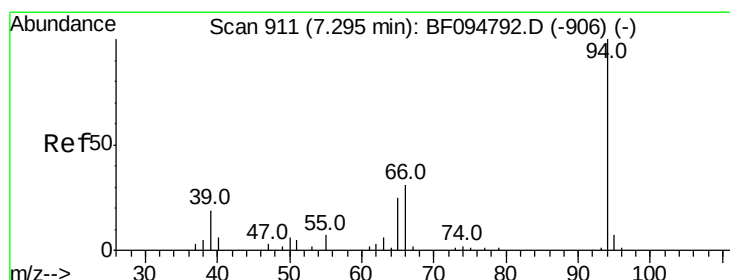
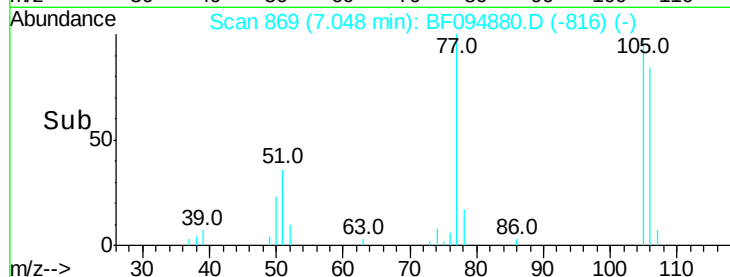
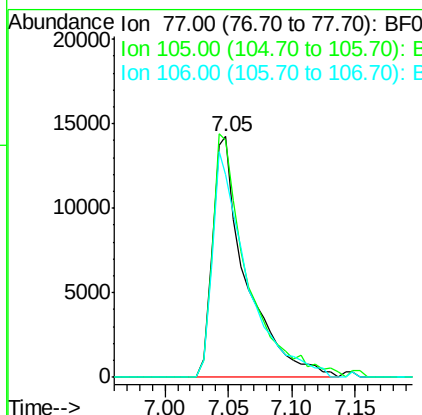
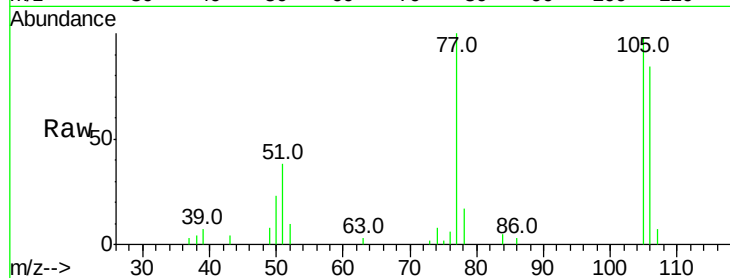
Tot Ion: 77 Resp: 26396

Ion Ratio Lower Upper

77 100

105 98.2 83.8 123.8

106 83.9 79.1 119.1



#10

Phenol

Concen: 46.72 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

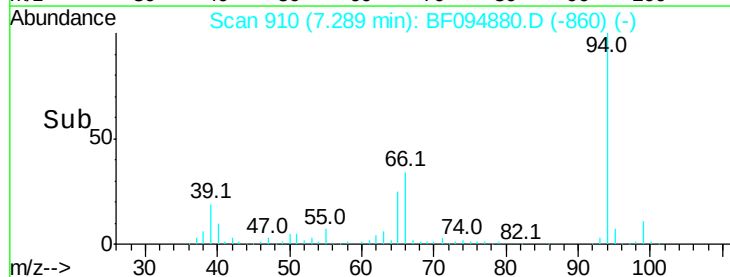
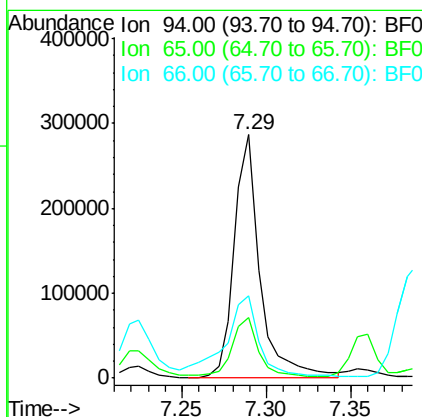
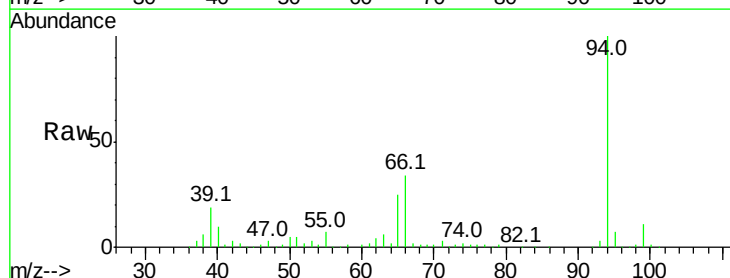
Tgt Ion: 94 Resp: 304829

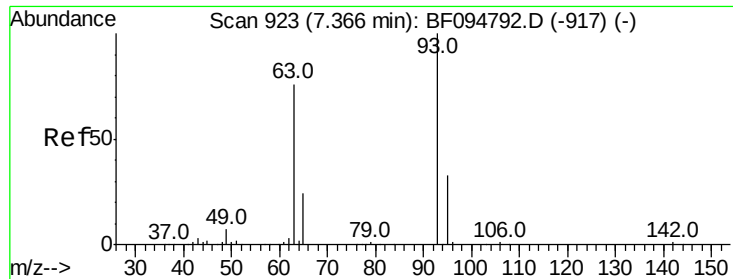
Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

66 33.6 23.1 63.1

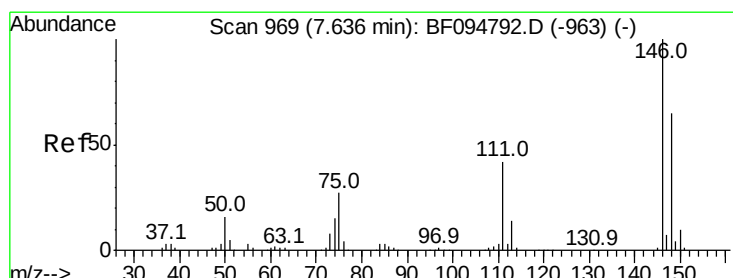
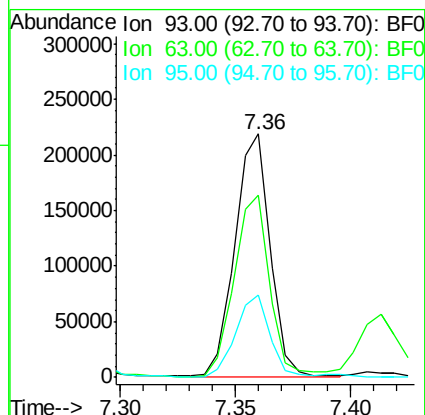
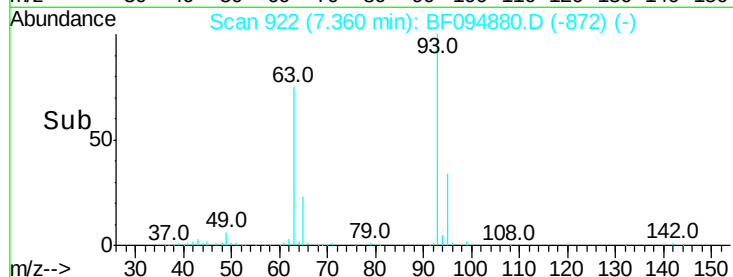
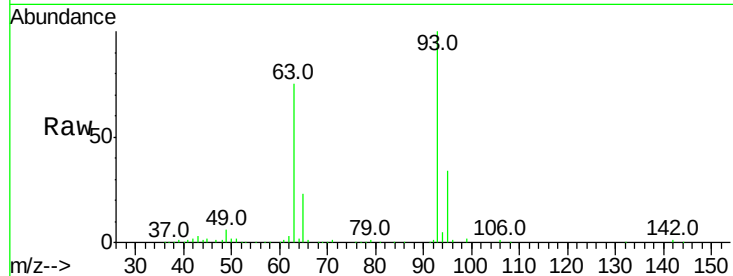




#11
 bis(2-Chloroethyl)ether
 Concen: 43.40 ng
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

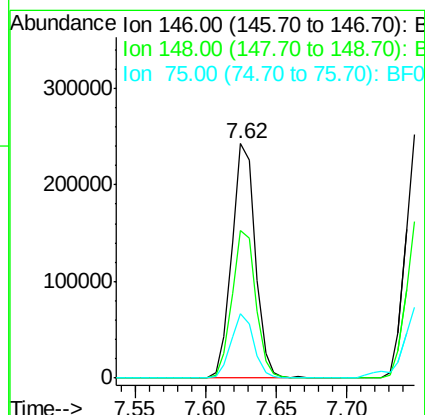
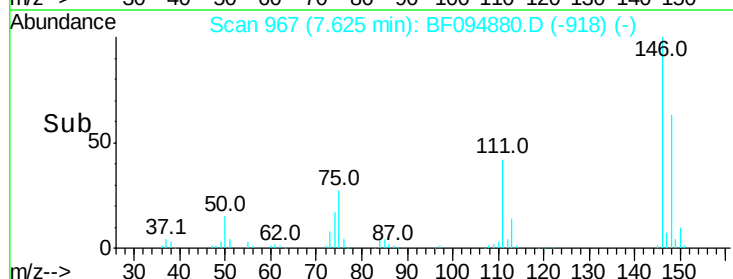
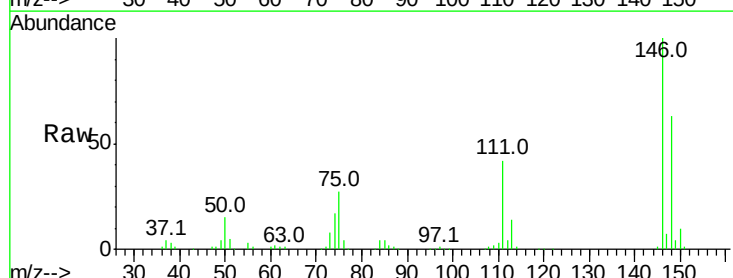
Instrument :
 BNA_F
 ClientSampled :

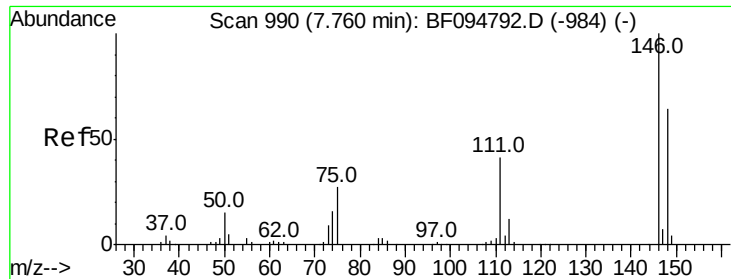
Tot Ion:	93	Resp:	233765
Ion	Ratio	Lower	Upper
93	100		
63	74.7	59.2	99.2
95	33.7	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.12 ng
 RT: 7.62 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:	146	Resp:	280625
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.6
75	27.4	23.1	34.7

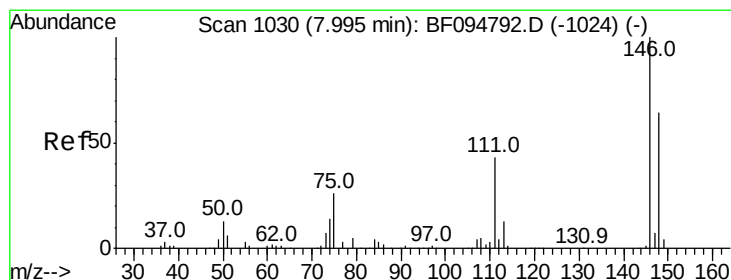
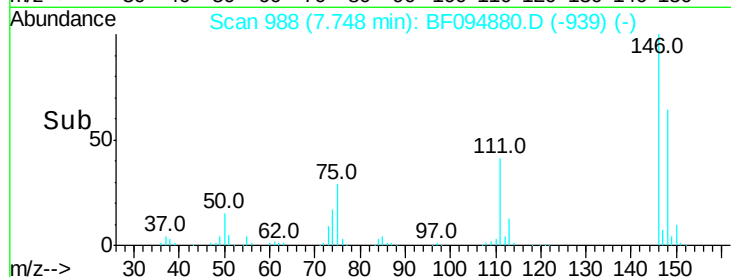
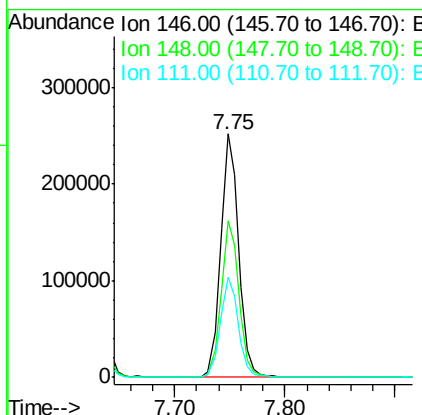
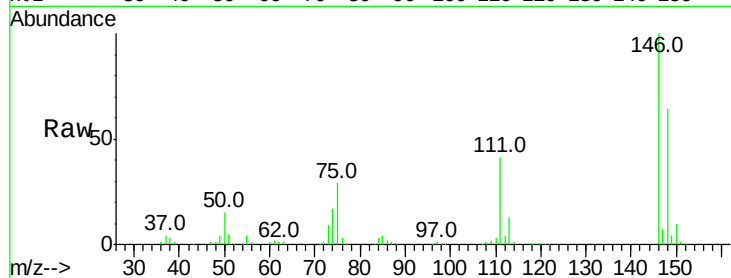




#13
 1,4-Dichlorobenzene
 Concen: 42.30 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

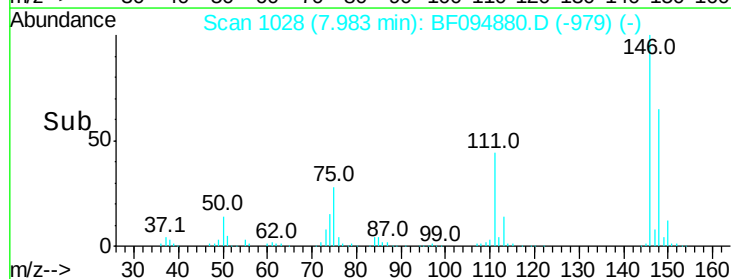
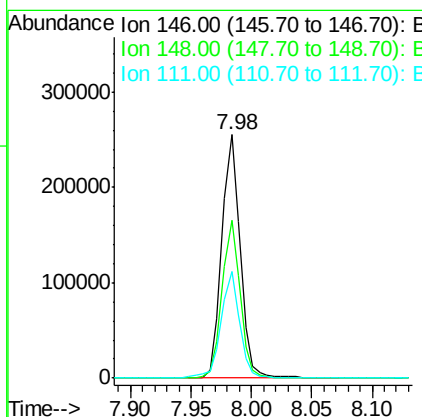
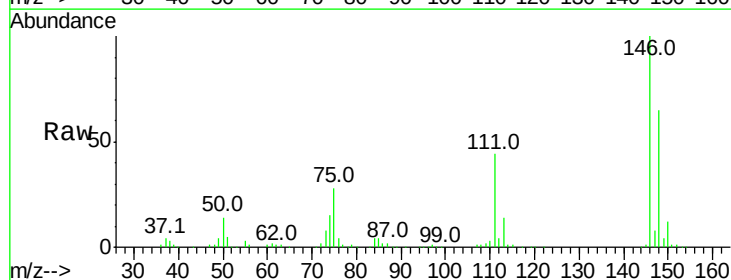
Instrument :
 BNA_F
 ClientSampleId :

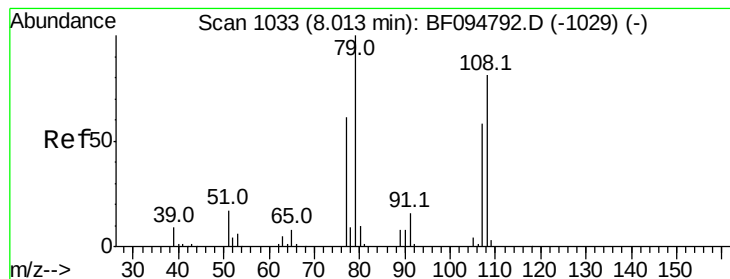
Tot Ion:146 Resp: 285778
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.73 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:146 Resp: 269490
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.4 75.6
 111 43.6 38.2 57.4





#15

Benzyl Alcohol

Concen: 53.25 ng

RT: 8.00 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :

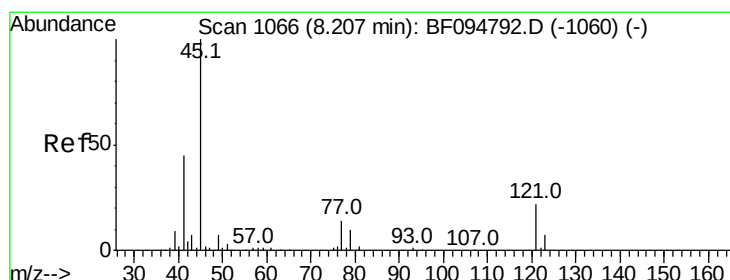
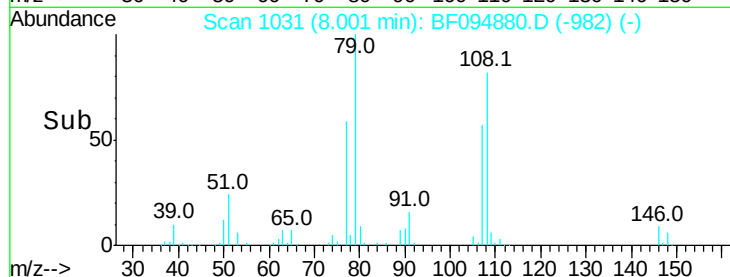
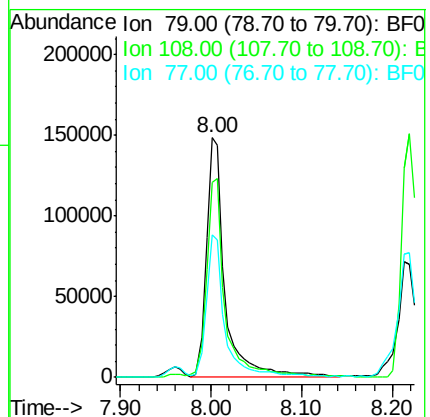
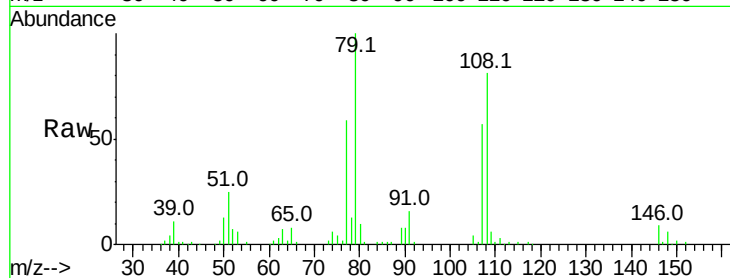
Tot Ion: 79 Resp: 212058

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

77 59.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.90 ng

RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

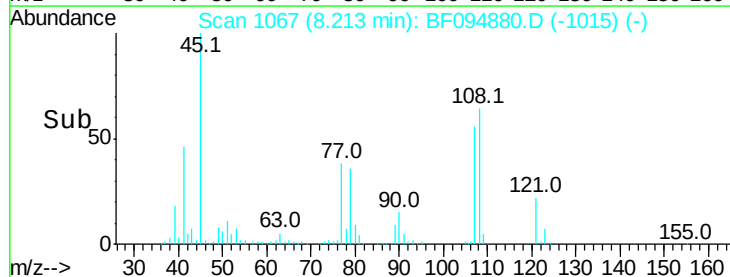
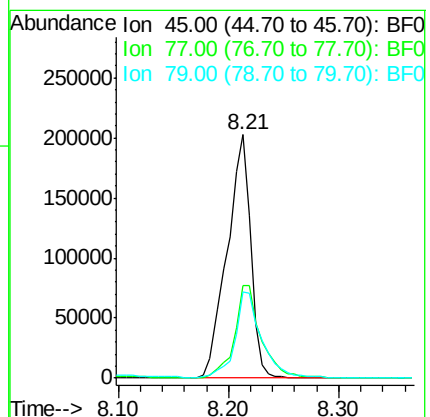
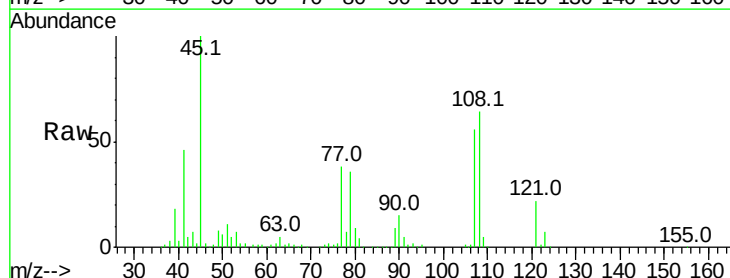
Tgt Ion: 45 Resp: 304174

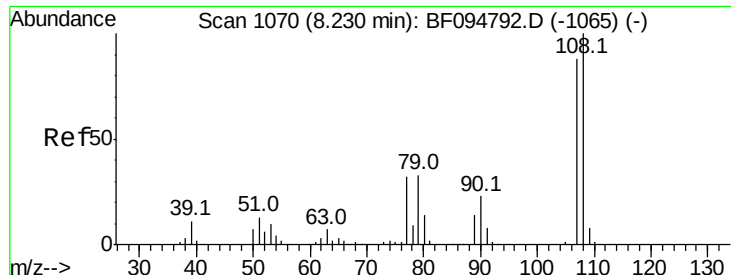
Ion Ratio Lower Upper

45 100

77 37.8 0.0 33.2#

79 35.5 0.0 30.0#

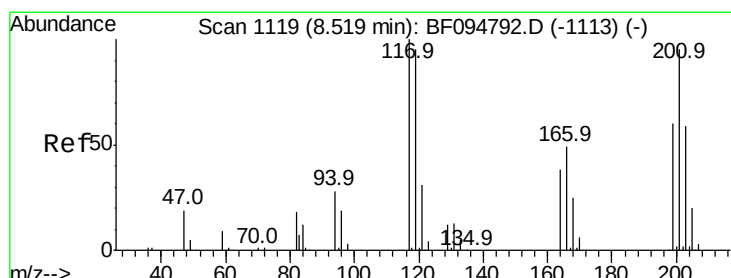
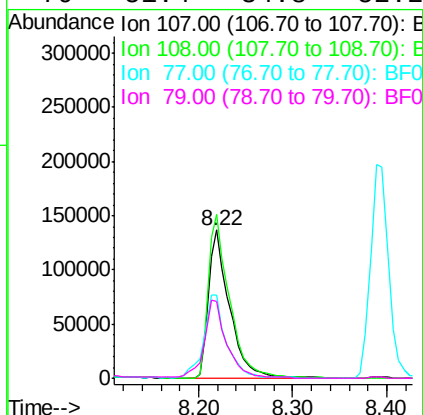
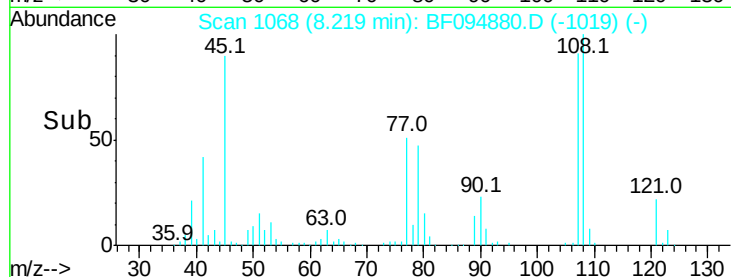
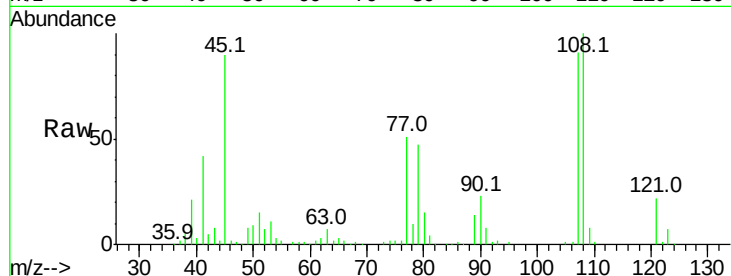




#17
 2-Methylphenol
 Concen: 44.85 ng
 RT: 8.22 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

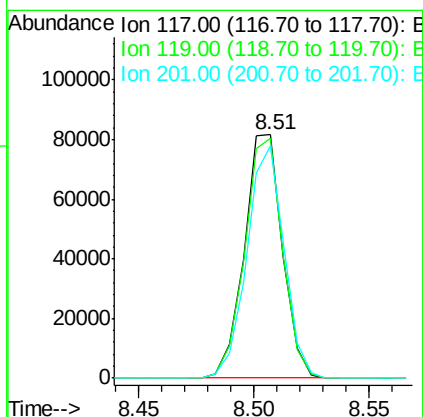
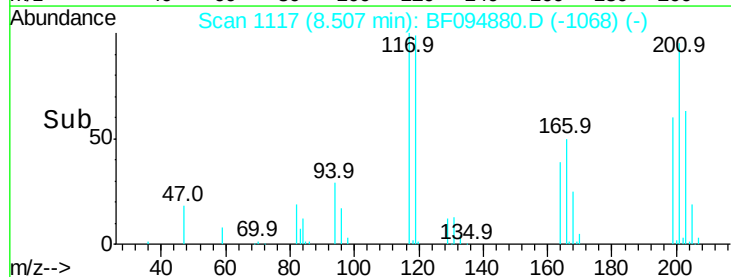
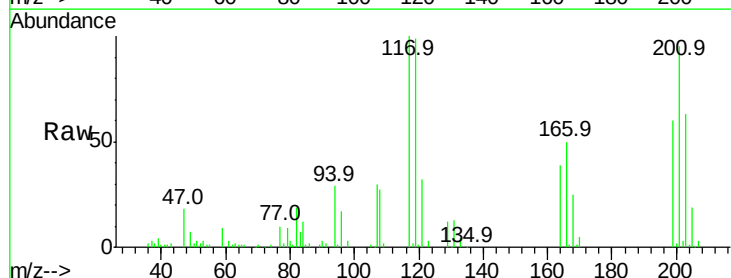
Instrument :
 BNA_F
 ClientSampleId :

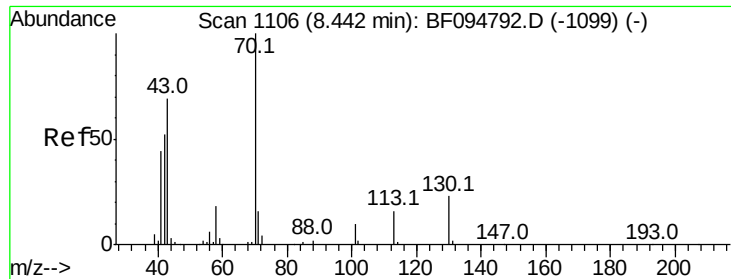
Tot Ion:	107	Resp:	215554
Ion	Ratio	Lower	Upper
107	100		
108	110.1	93.4	140.0
77	56.2	35.8	53.6#
79	51.4	34.8	52.2



#18
 Hexachloroethane
 Concen: 41.20 ng
 RT: 8.51 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:	117	Resp:	94302
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.4	116.0
201	95.2	94.6	141.8

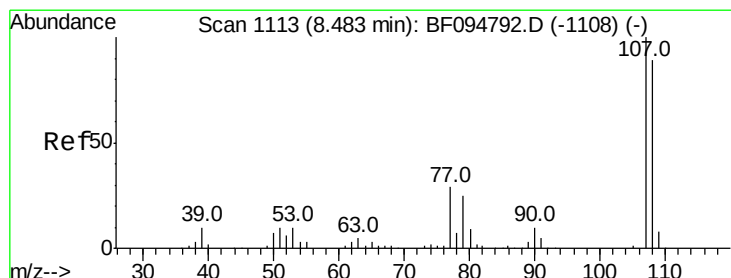
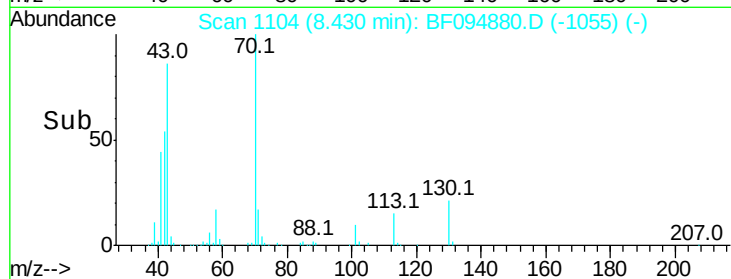
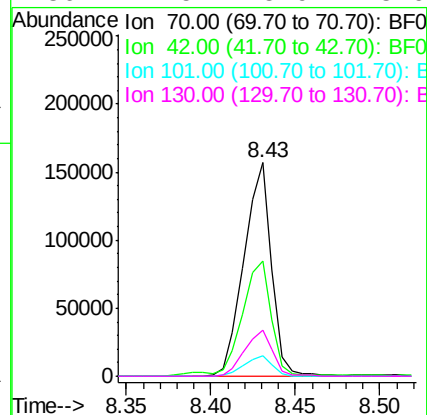
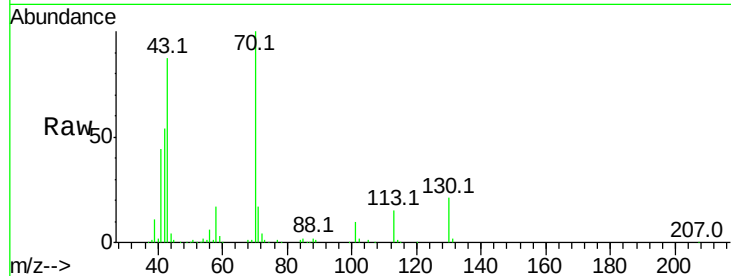




#19
n-Nitroso-di-n-propylamine
Concen: 42.78 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

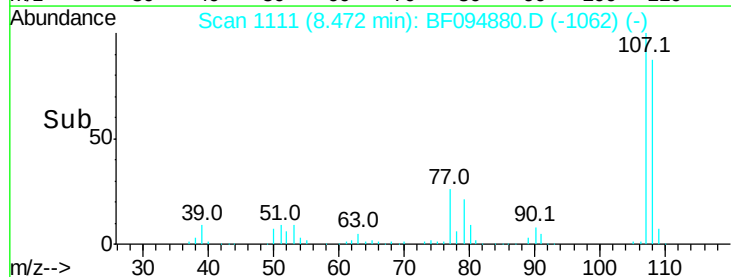
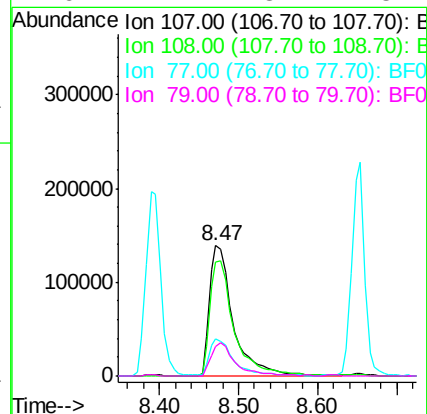
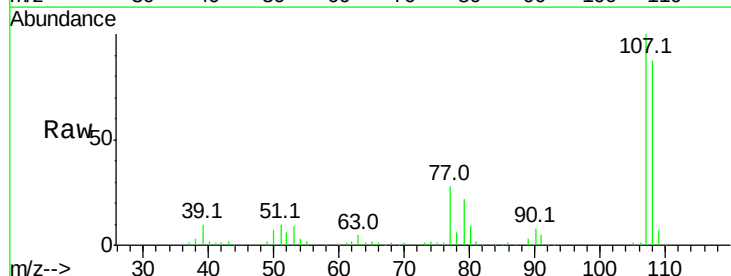
Instrument :
BNA_F
ClientSampleId :

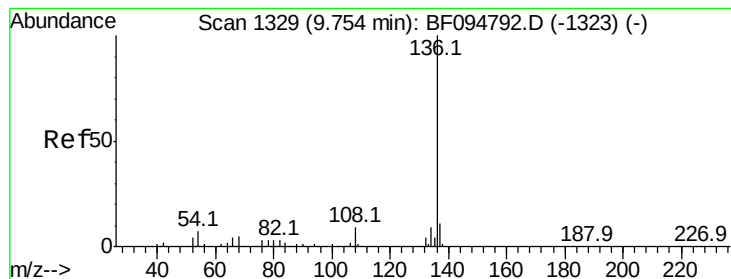
Tot Ion: 70 Resp: 179125
Ion Ratio Lower Upper
70 100
42 53.8 47.2 70.8
101 9.7 7.2 10.8
130 21.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.83 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion:107 Resp: 292802
Ion Ratio Lower Upper
107 100
108 87.0 71.0 111.0
77 28.2 90.5 130.5#
79 22.4 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: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 346489

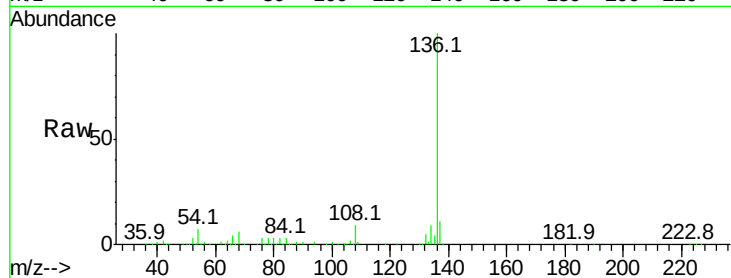
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

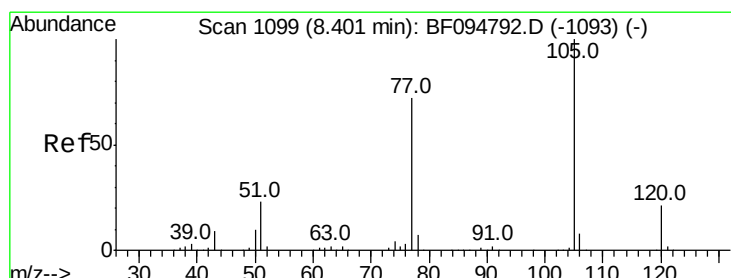
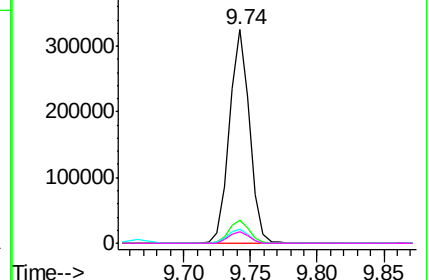
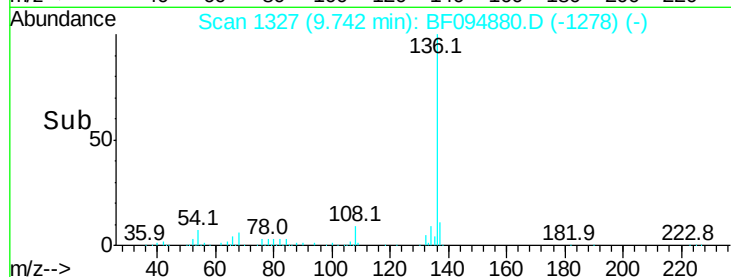


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.66 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:105 Resp: 362987

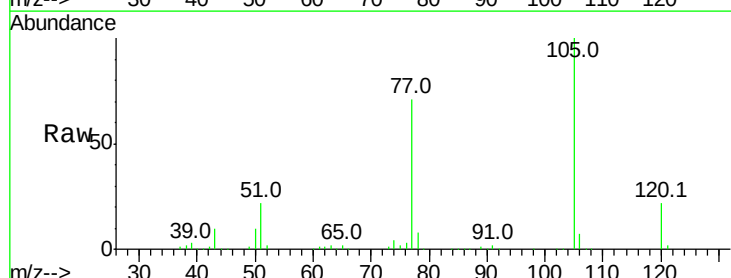
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.5 30.7 46.1#

120 22.0 17.4 26.0

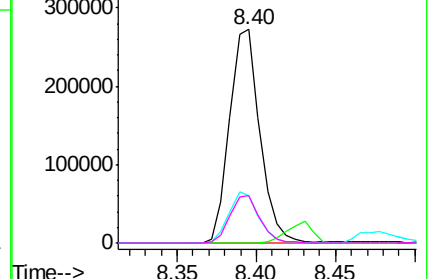
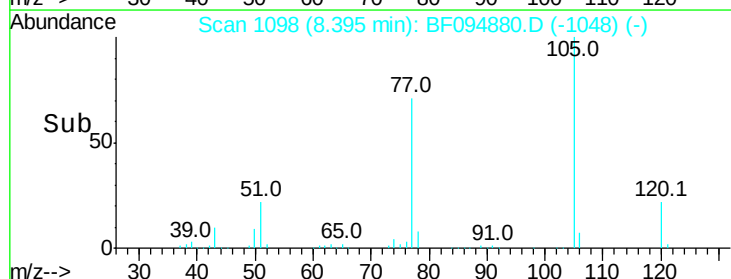


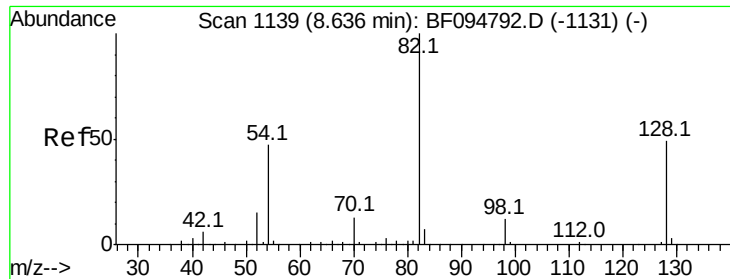
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

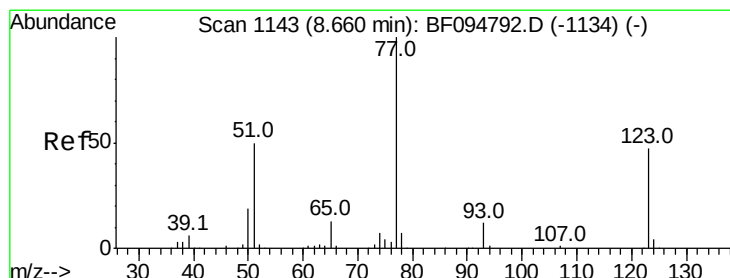
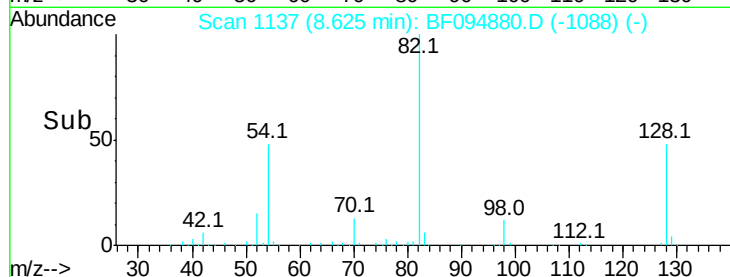
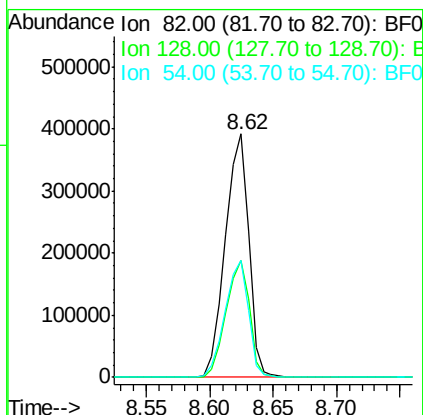
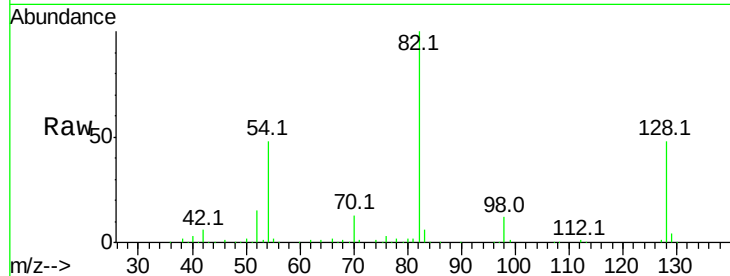




#23
Nitrobenzene-d5
Concen: 91.42 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

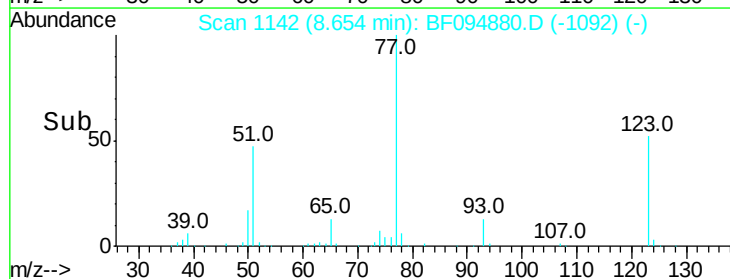
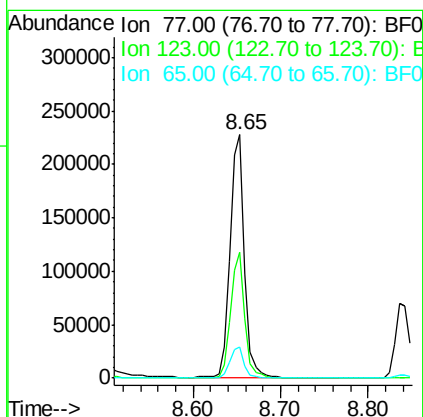
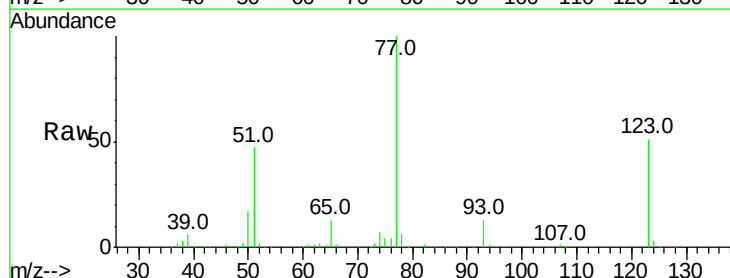
Instrument :
BNA_F
ClientSampled :

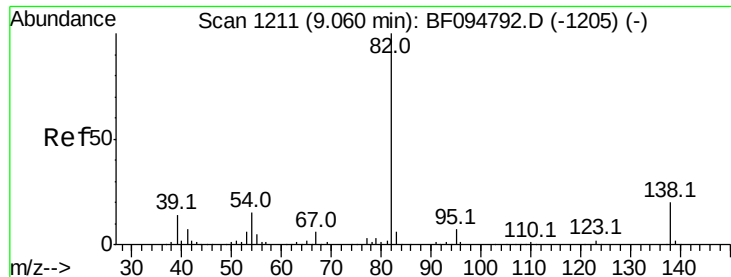
Tot Ion: 82 Resp: 502333
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 48.0 42.2 63.2



#24
Nitrobenzene
Concen: 45.10 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion: 77 Resp: 259739
Ion Ratio Lower Upper
77 100
123 51.5 35.8 53.8
65 13.0 10.6 15.8





#25

Isophorone

Concen: 47.53 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

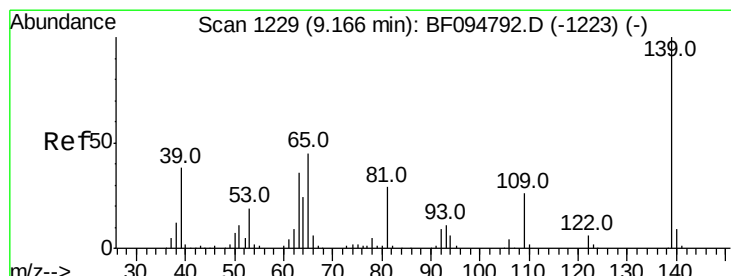
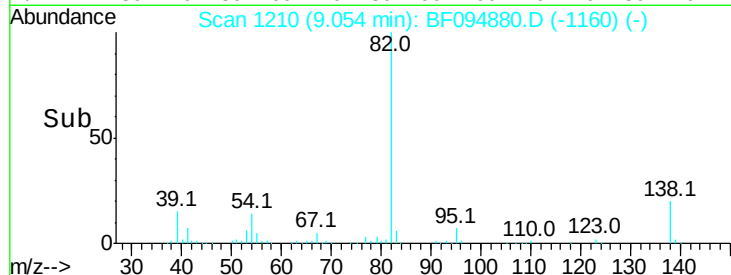
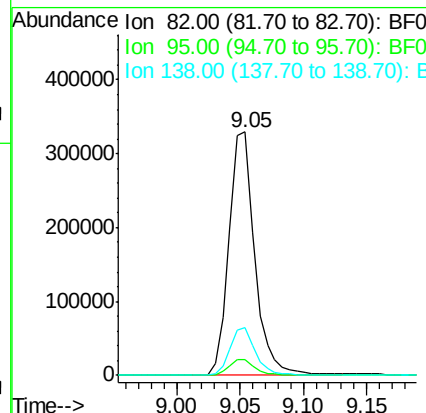
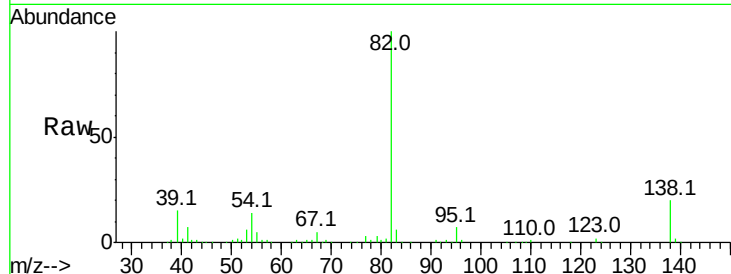
Tot Ion: 82 Resp: 466322

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 46.75 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

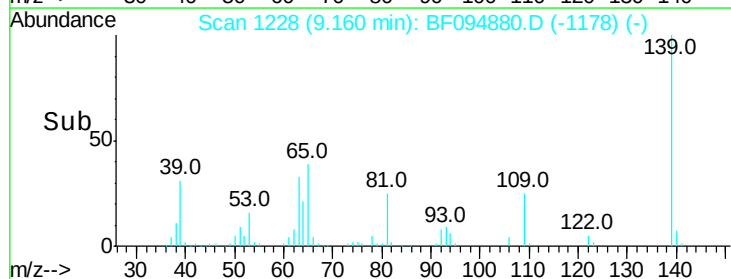
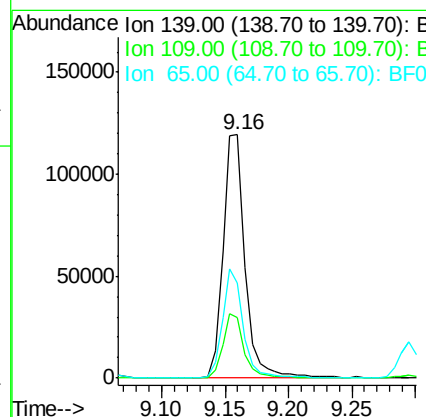
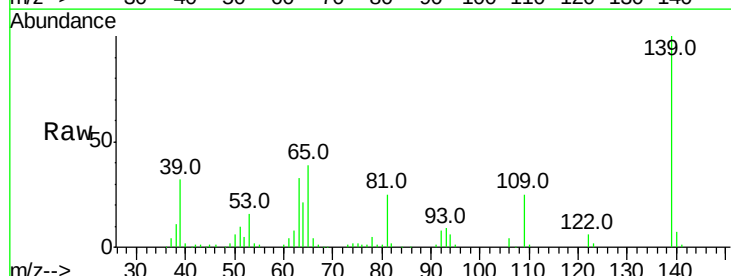
Tgt Ion:139 Resp: 145288

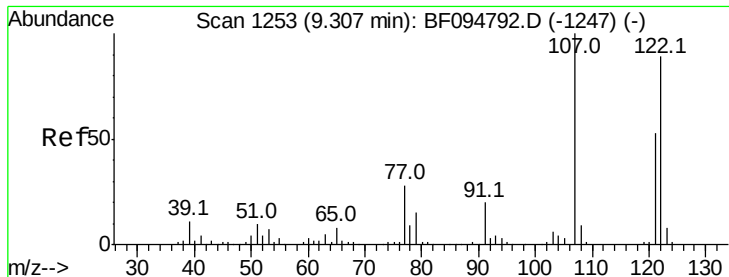
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 38.8 33.0 49.6

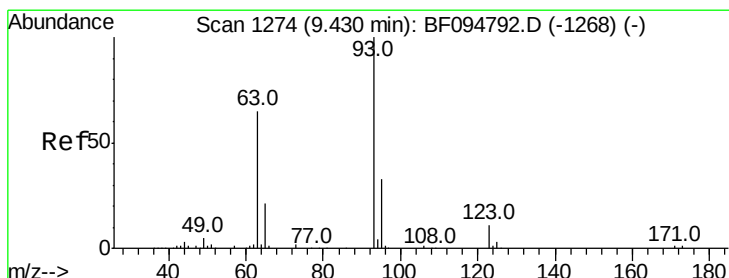
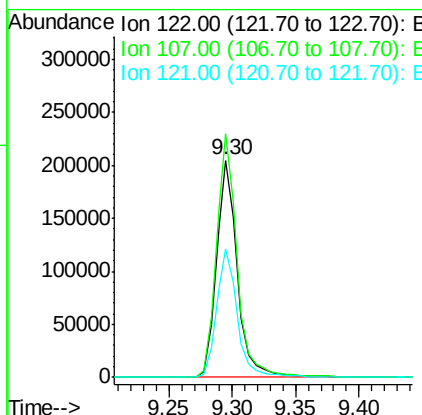
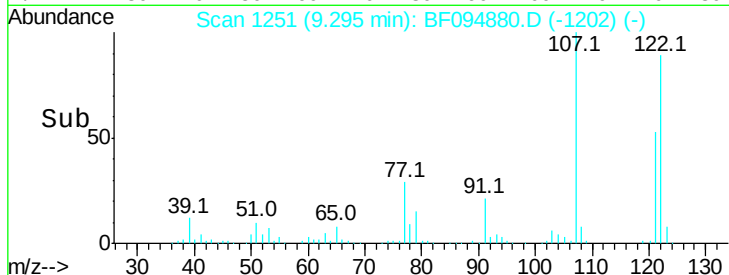
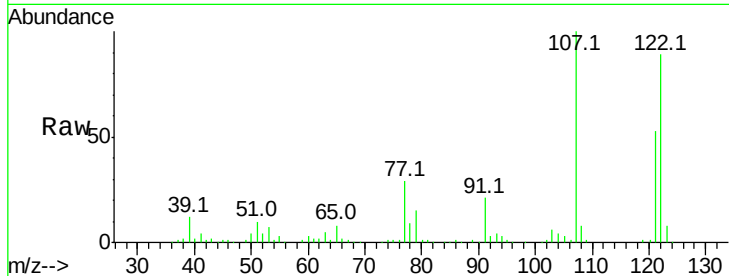




#27
 2,4-Dimethylphenol
 Concen: 47.12 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

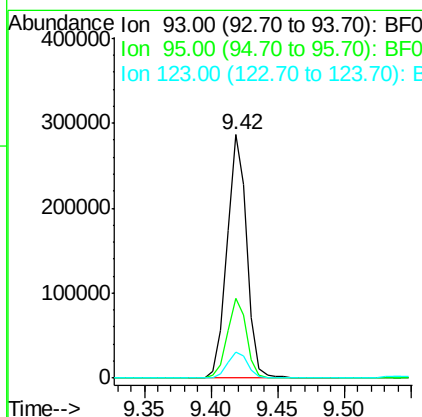
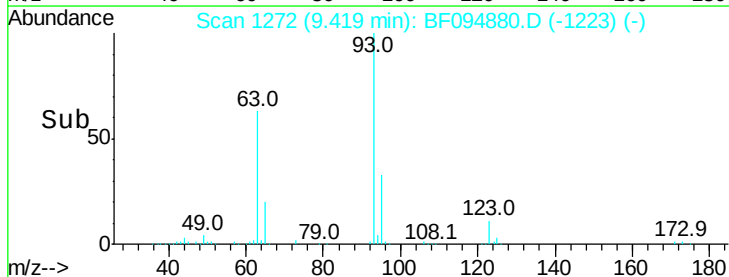
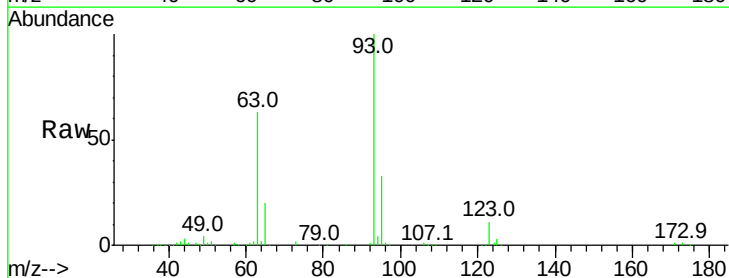
Instrument :
 BNA_F
 ClientSampleId :

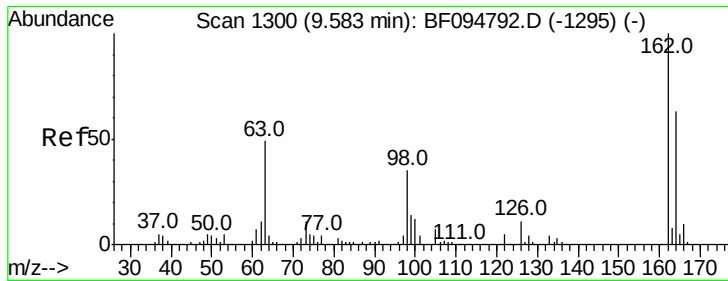
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.2	133.8
121	59.1	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.04 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	10.7	9.0	13.4

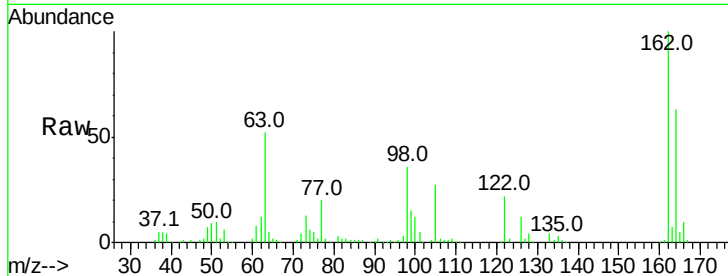




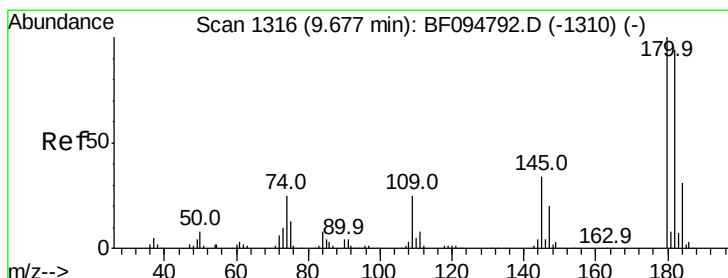
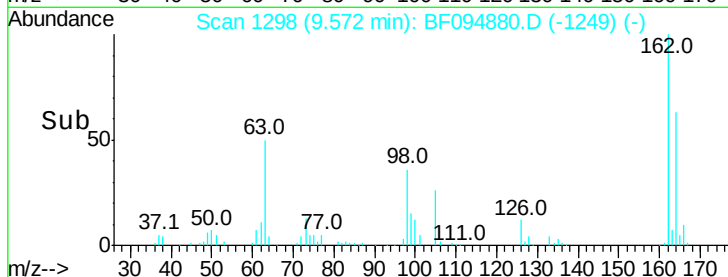
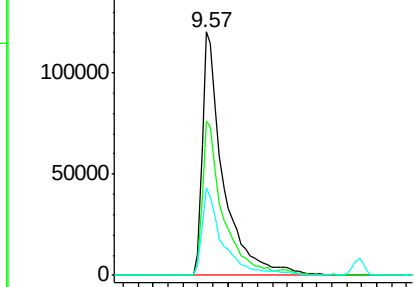
#29
 2,4-Dichlorophenol
 Concen: 49.76 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.0	14.8	54.8

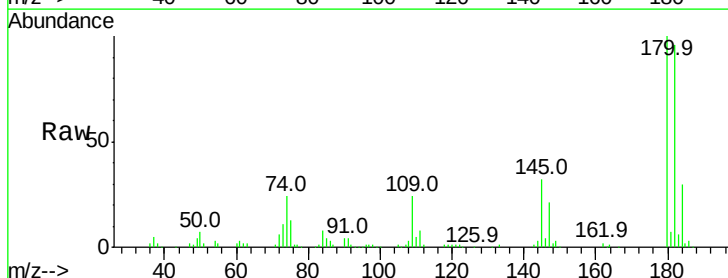


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

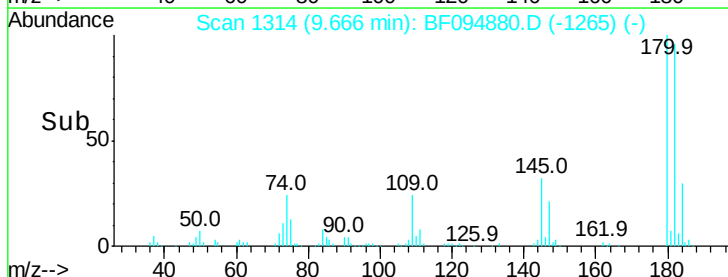
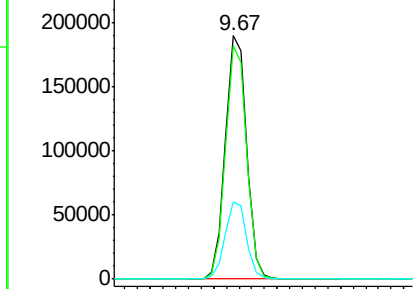


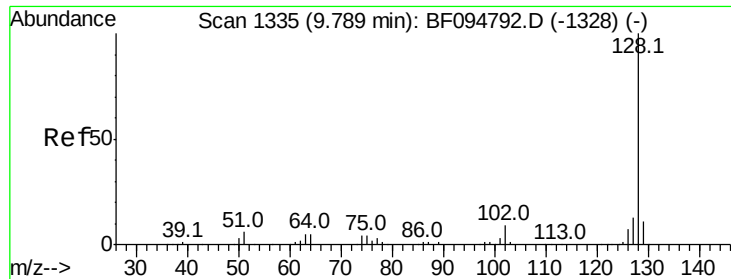
#30
 1,2,4-Trichlorobenzene
 Concen: 43.44 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	32.0	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

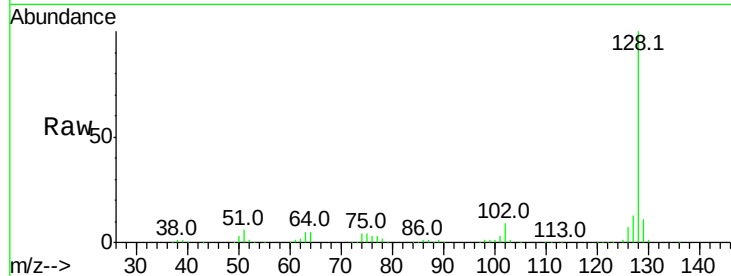




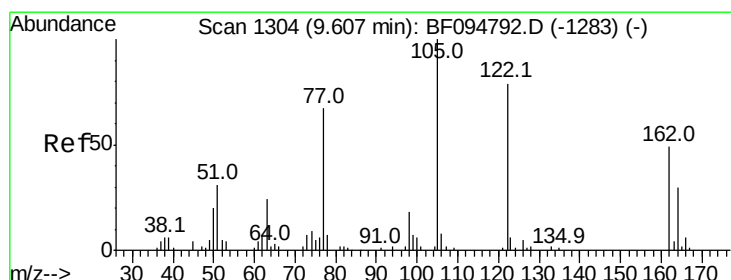
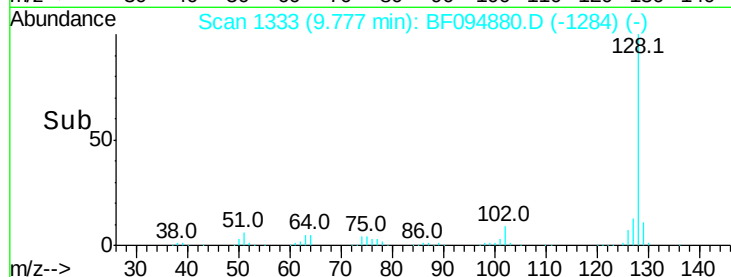
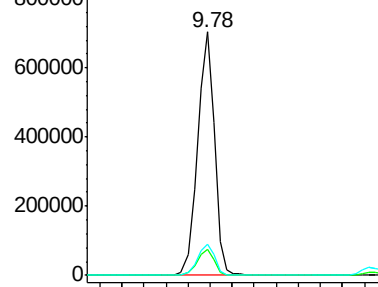
#31
Naphthalene
Concen: 43.25 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 753220
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.0 10.8 16.2

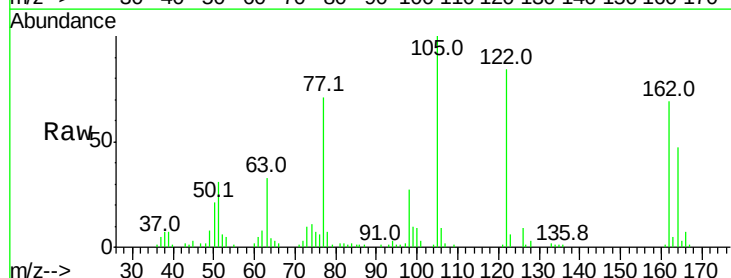


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

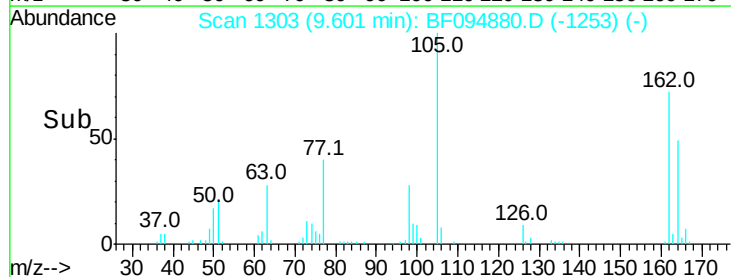
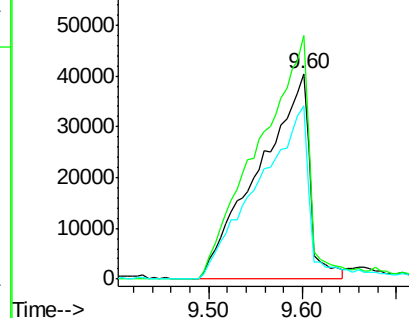


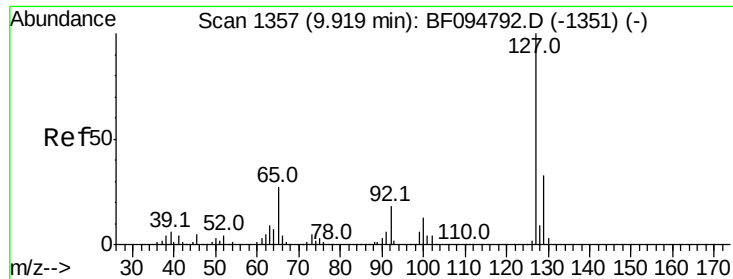
#32
Benzoic acid
Concen: 45.84 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion:122 Resp: 150375
Ion Ratio Lower Upper
122 100
105 118.6 103.3 143.3
77 84.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

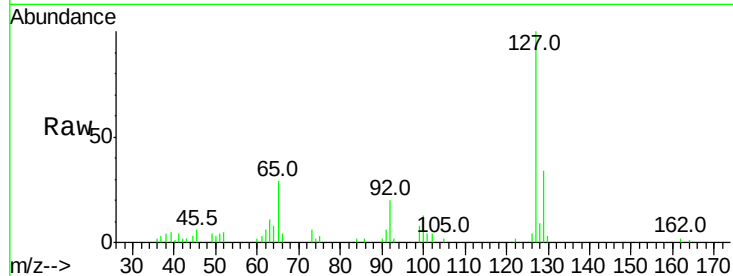




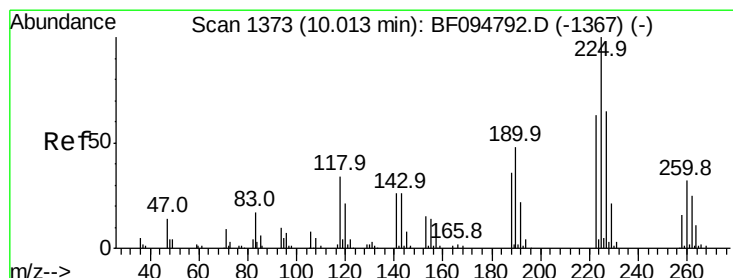
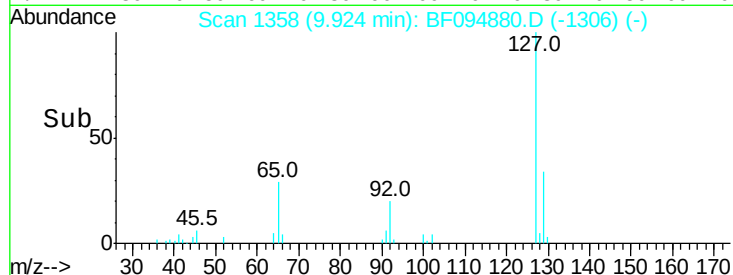
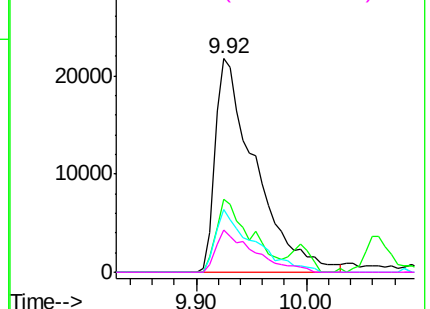
#33
4-Chloroaniline
Concen: 8.48 ng
RT: 9.92 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	55009
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.2	39.2
65	29.1	27.8	41.8
92	20.0	16.8	25.2

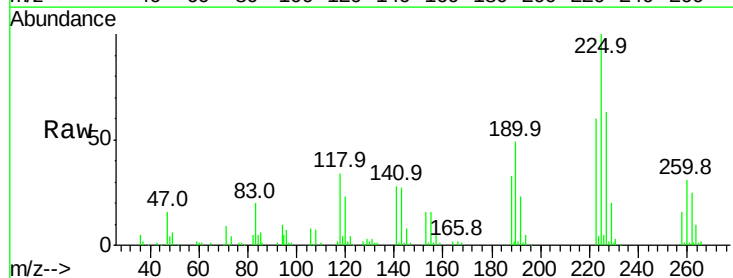


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

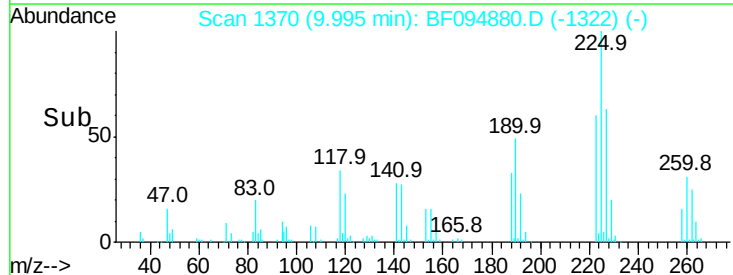
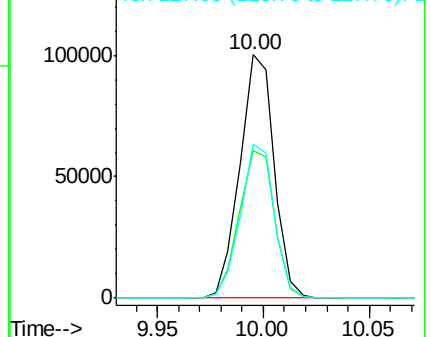


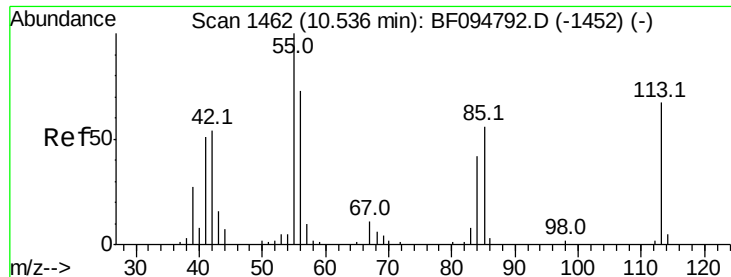
#34
Hexachlorobutadiene
Concen: 42.00 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion:	225	Resp:	112633
Ion	Ratio	Lower	Upper
225	100		
223	60.4	48.8	73.2
227	63.3	51.1	76.7



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





#35

Caprolactam

Concen: 26.52 ng

RT: 10.54 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

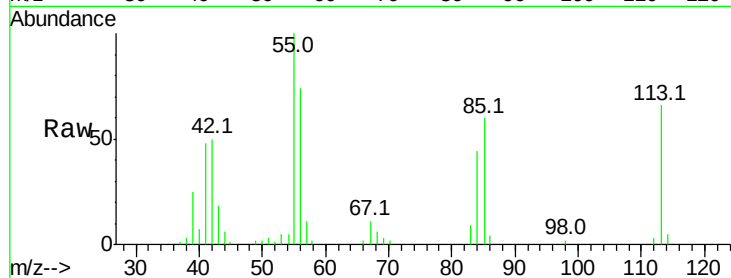
Tot Ion:113 Resp: 37776

Ion Ratio Lower Upper

113 100

55 152.6 150.2 190.2

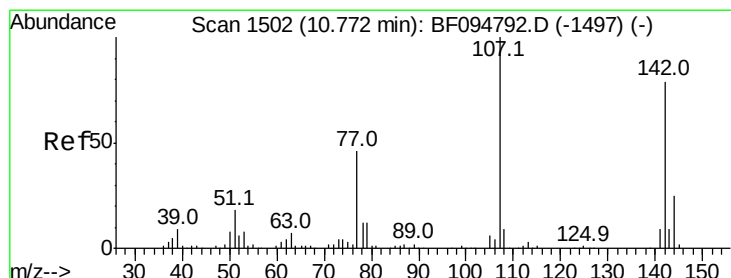
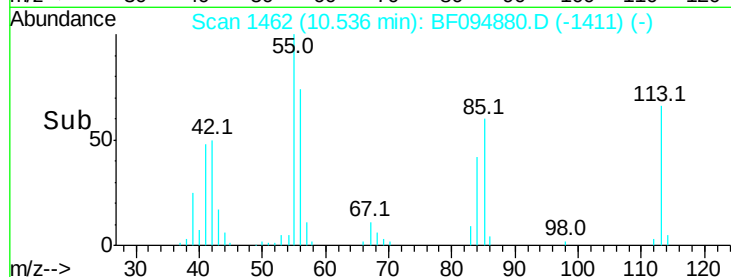
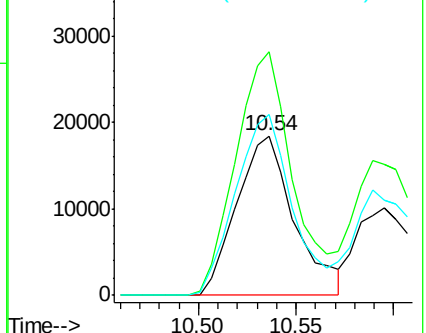
56 113.0 107.8 147.8



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: 50.03 ng

RT: 10.77 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

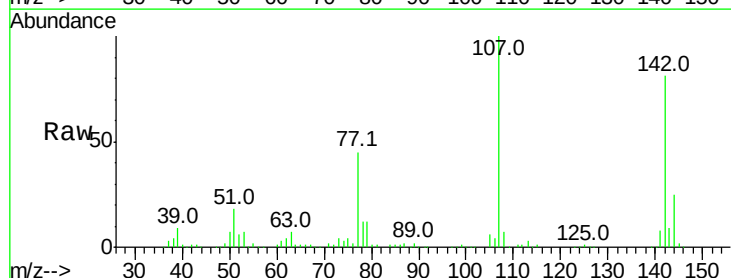
Tgt Ion:107 Resp: 253779

Ion Ratio Lower Upper

107 100

144 25.0 24.2 36.4

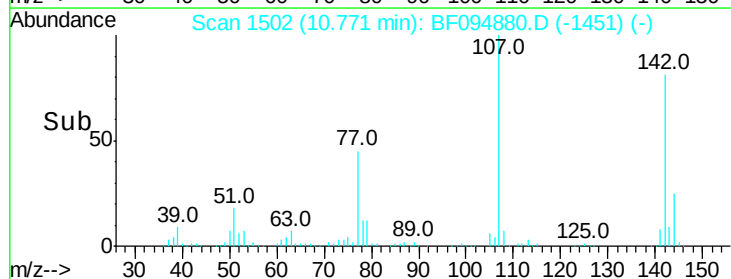
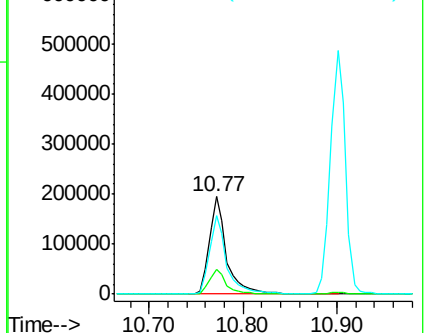
142 80.5 73.4 110.0

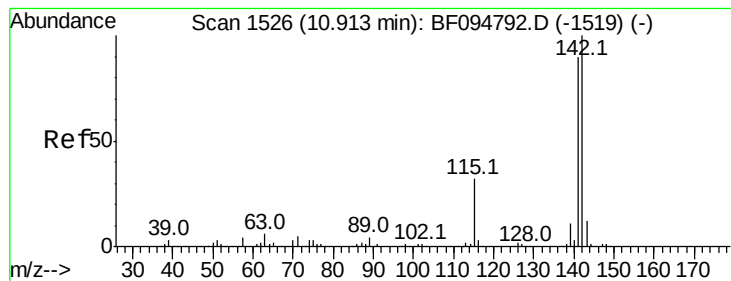


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.78 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

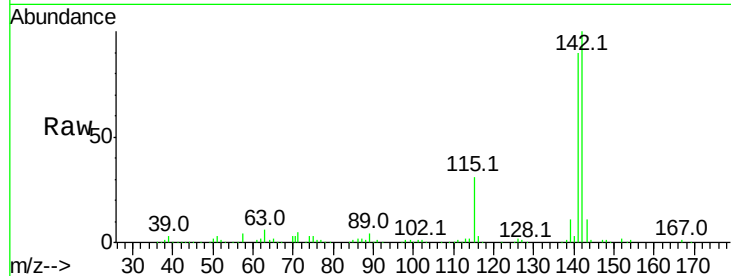
Tot Ion:142 Resp: 546097

Ion Ratio Lower Upper

142 100

141 89.9 71.3 106.9

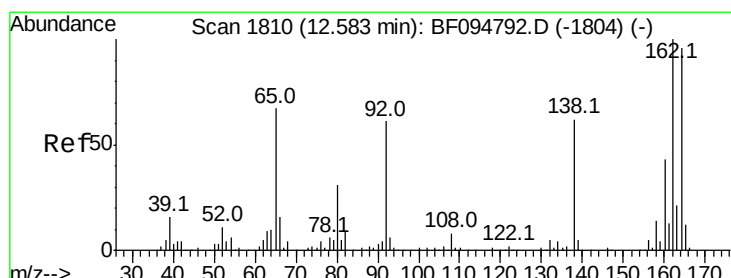
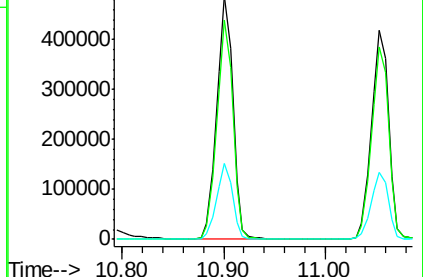
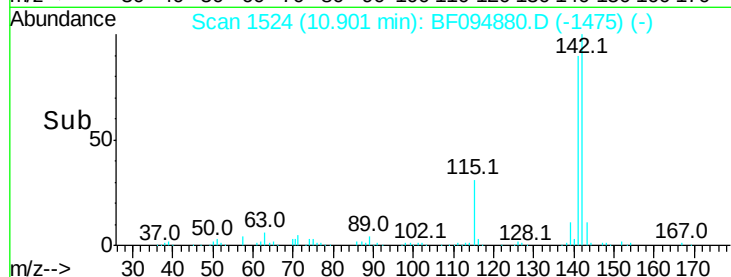
115 31.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

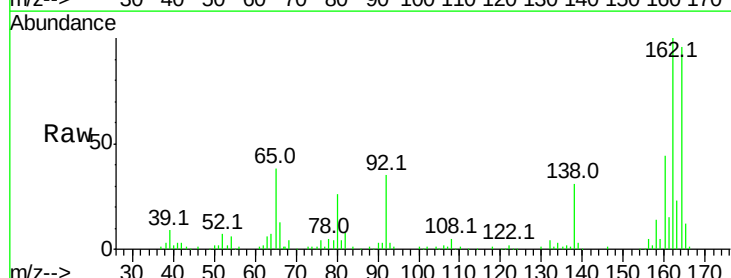
Tgt Ion:164 Resp: 165536

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

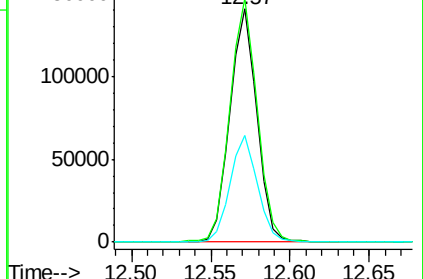
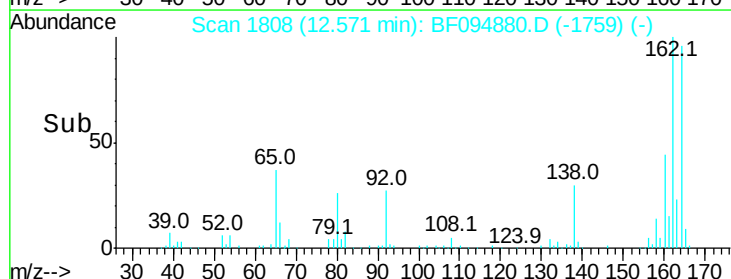
160 45.8 36.2 54.2

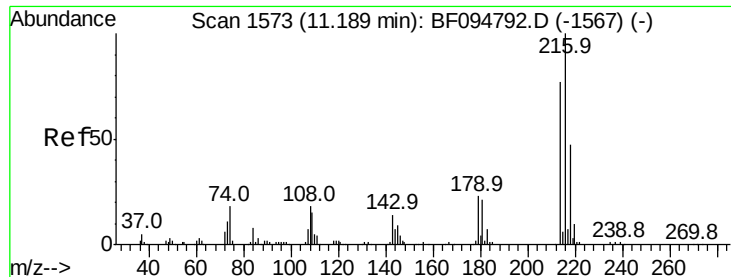


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.79 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

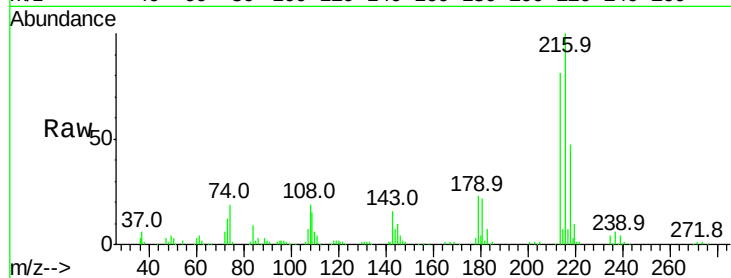
Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :



Tot Ion:216 Resp: 212754

Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 22.1 17.9 26.9

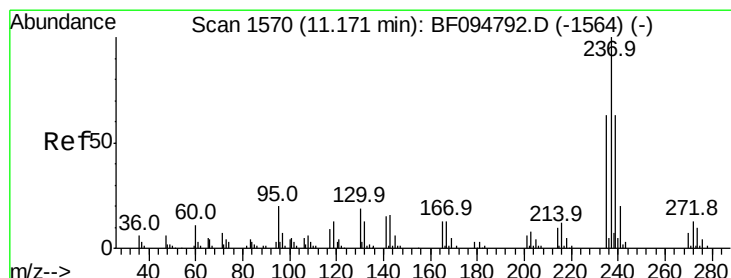
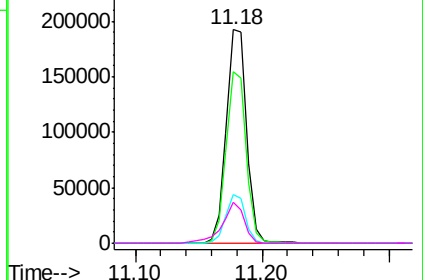
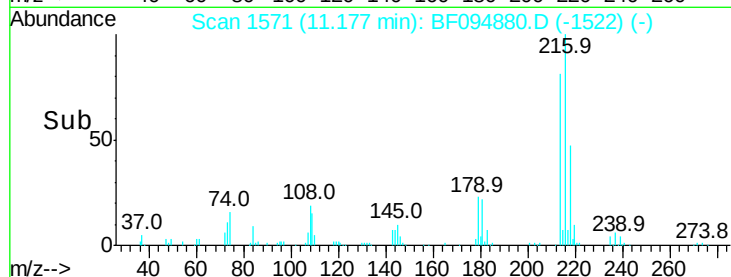
108 20.7 16.5 24.7

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: 82.73 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

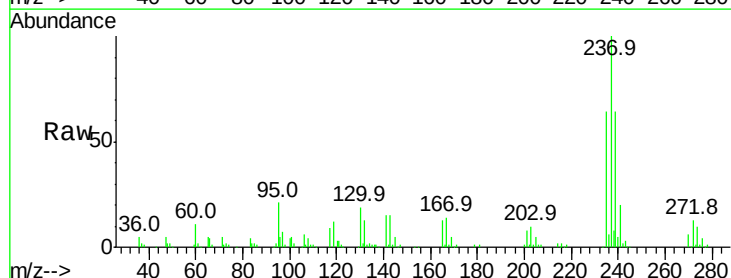
Tgt Ion:237 Resp: 177520

Ion Ratio Lower Upper

237 100

235 64.1 42.6 82.6

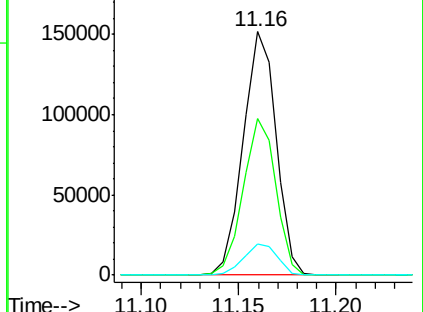
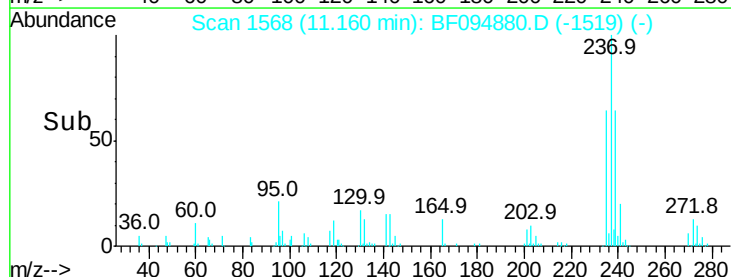
272 12.7 0.0 31.9

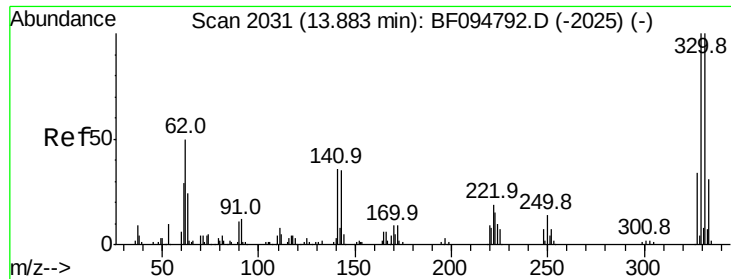


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.08 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

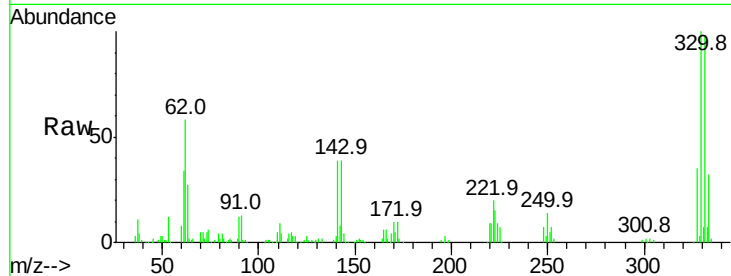
Tot Ion:330 Resp: 198043

Ion Ratio Lower Upper

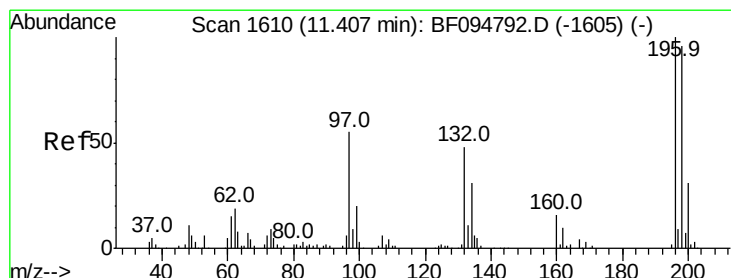
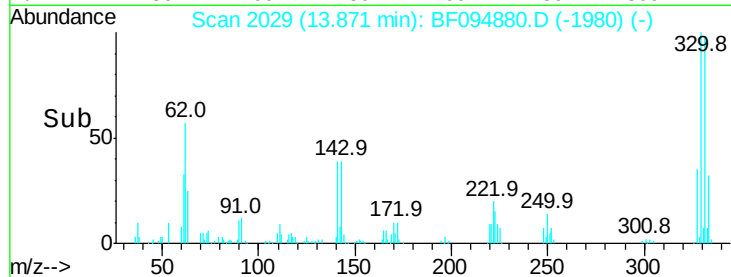
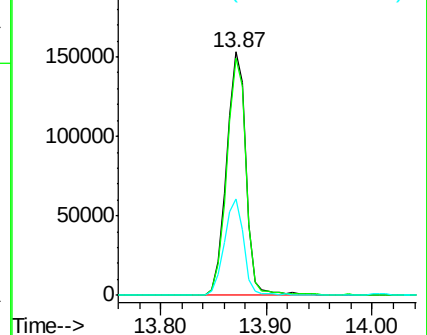
330 100

332 96.4 76.6 115.0

141 39.8 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: 45.77 ng

RT: 11.39 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

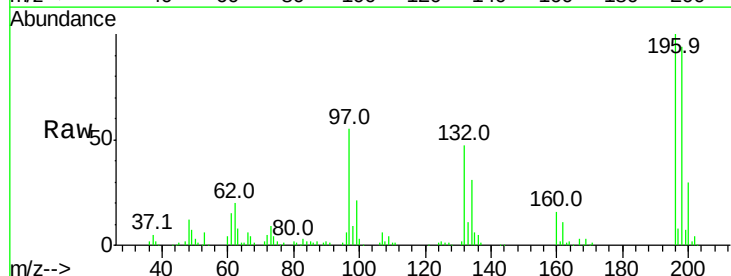
Tgt Ion:196 Resp: 155565

Ion Ratio Lower Upper

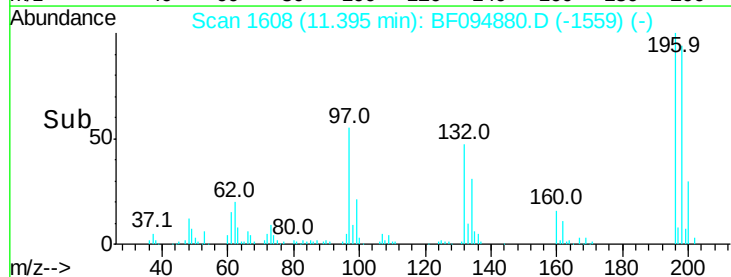
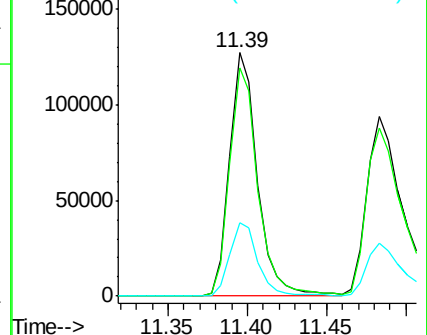
196 100

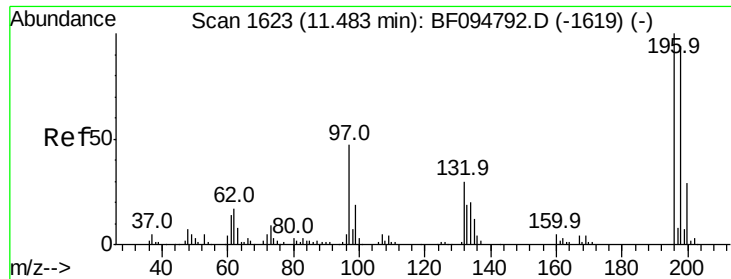
198 93.8 74.2 111.4

200 30.1 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

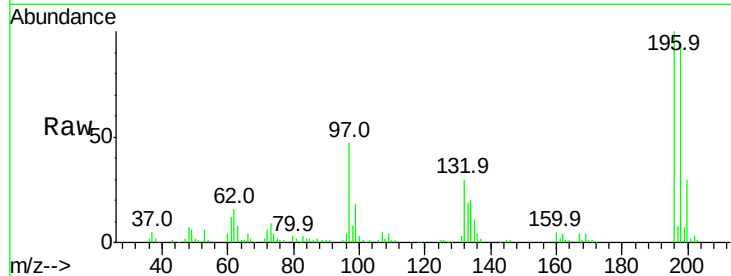




#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.7	113.5
97	47.3	47.7	71.5#
132	30.5	28.0	42.0



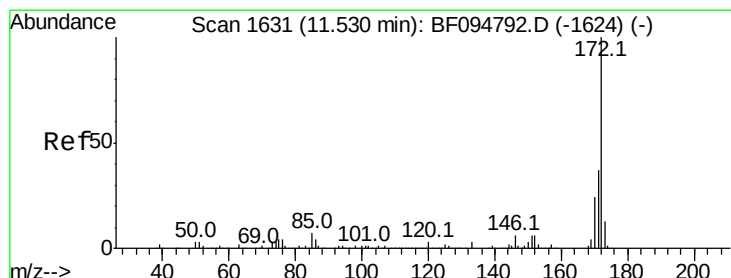
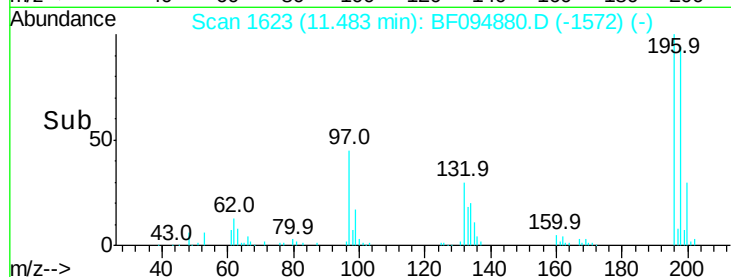
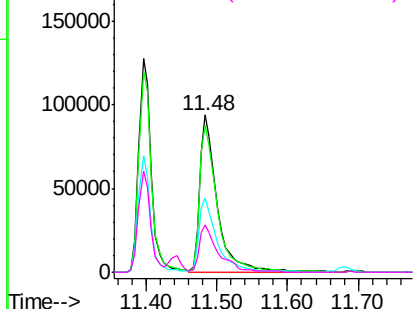
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

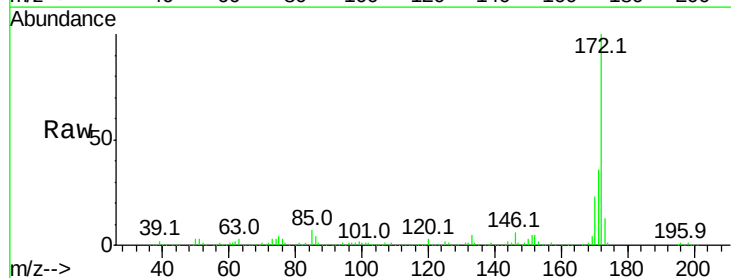
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.34 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8

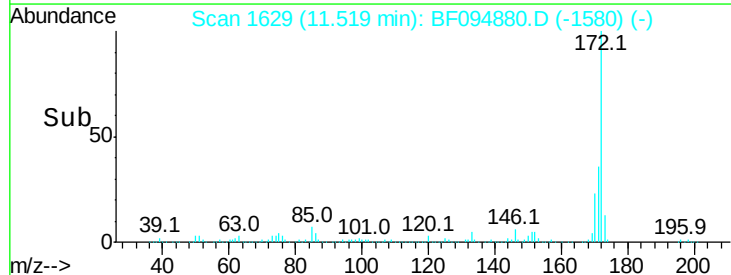
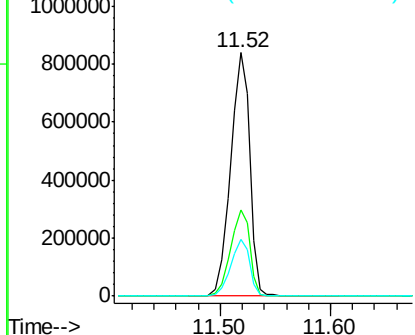


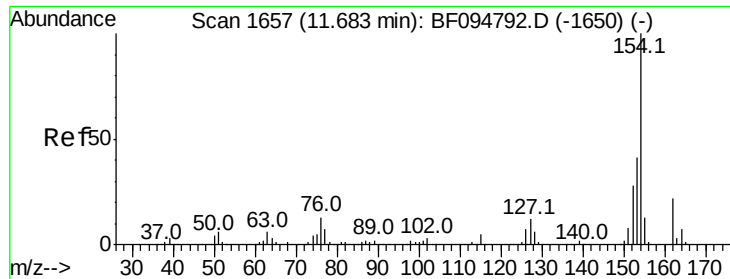
Abundance

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

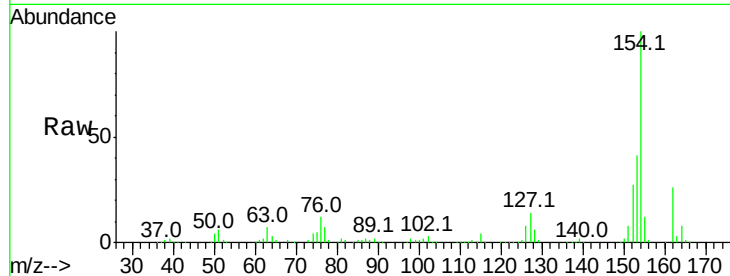




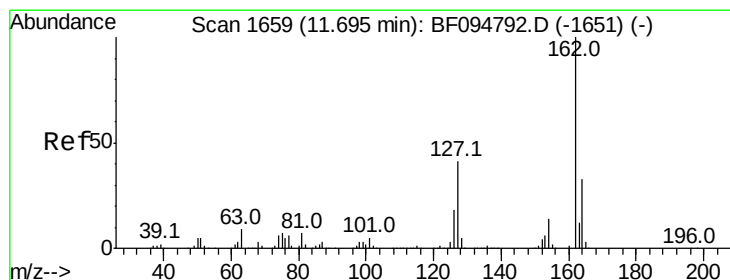
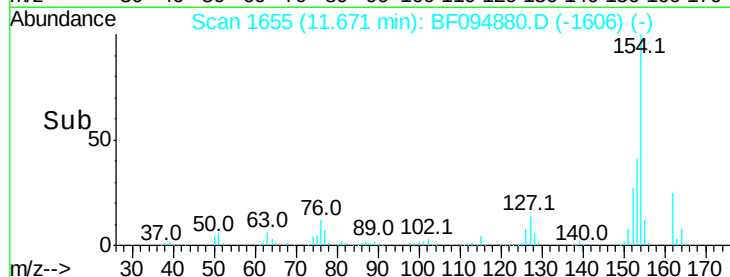
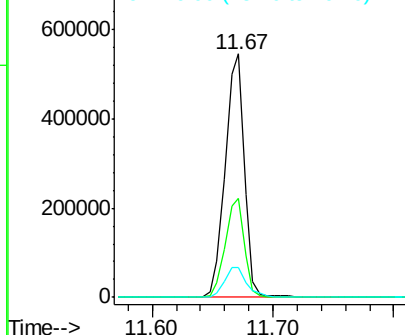
#45
 1,1'-Biphenyl
 Concen: 43.12 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 600936
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.2 61.2
 76 12.2 0.0 29.9

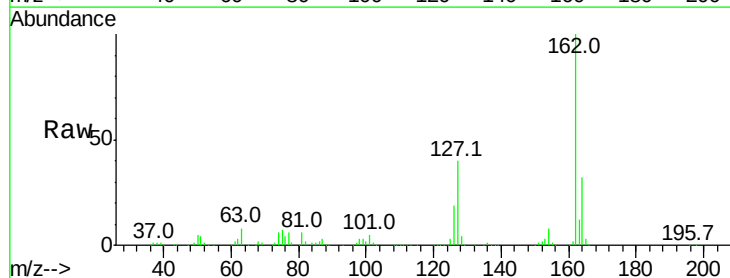


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

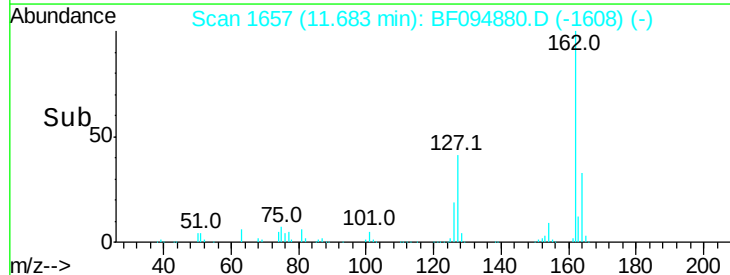
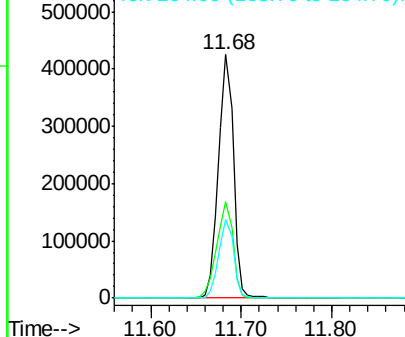


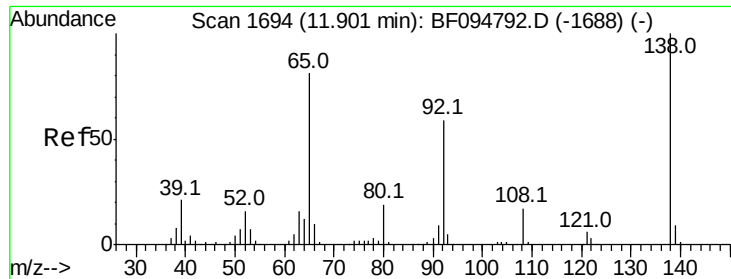
#46
 2-Chloronaphthalene
 Concen: 43.09 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:162 Resp: 484879
 Ion Ratio Lower Upper
 162 100
 127 39.8 28.3 42.5
 164 32.1 27.0 40.4



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

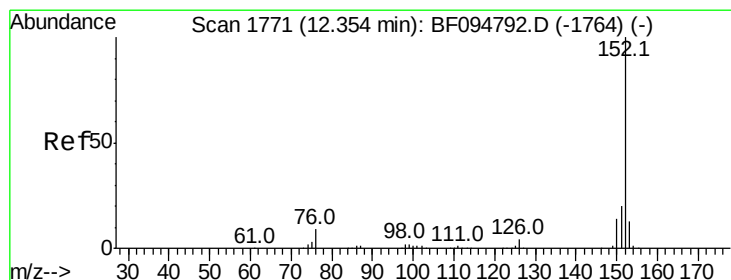
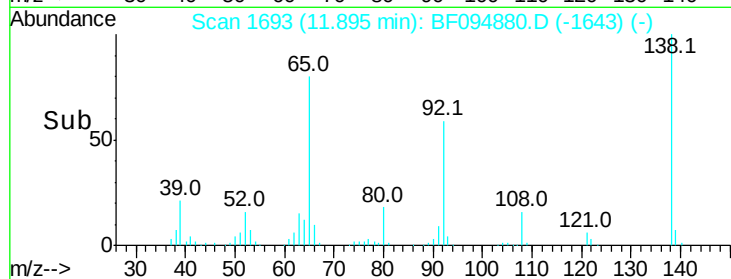
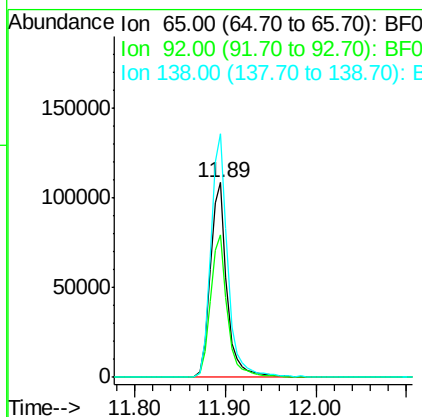
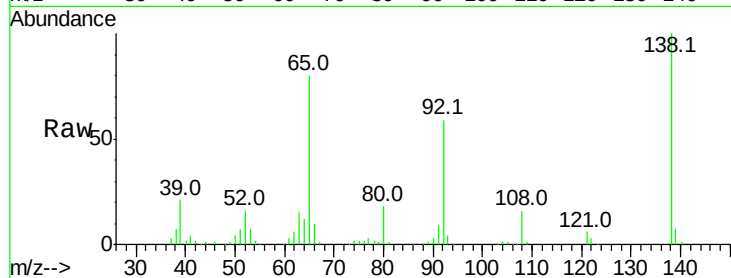




#47
 2-Nitroaniline
 Concen: 45.61 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

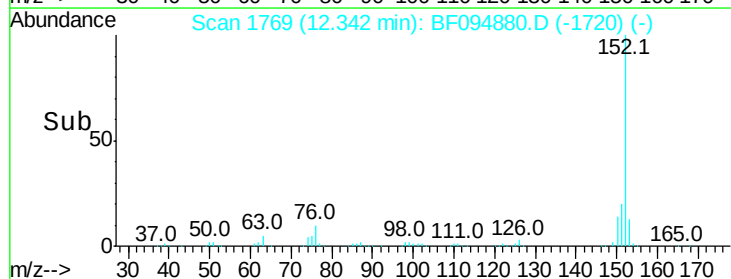
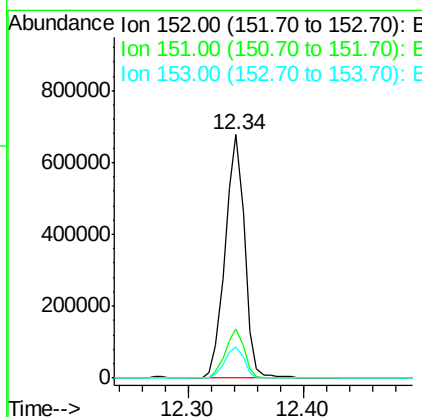
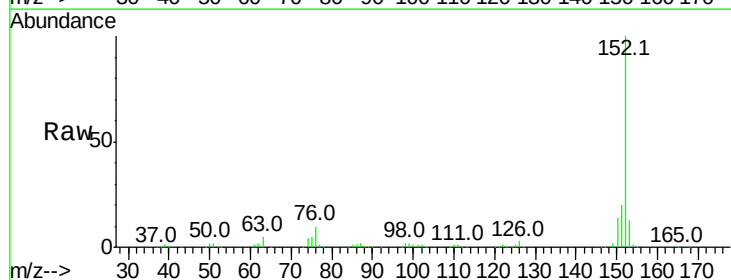
Instrument :
 BNA_F
 ClientSampleId :

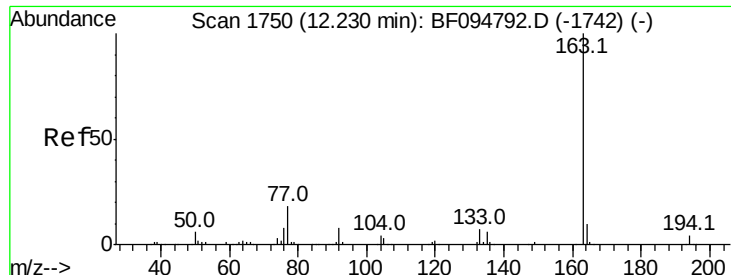
Tot Ion: 65 Resp: 140498
 Ion Ratio Lower Upper
 65 100
 92 73.5 53.9 80.9
 138 125.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 44.77 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:152 Resp: 789194
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 44.27 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampled :

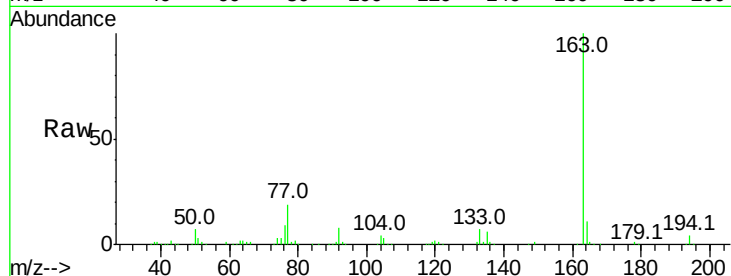
Tot Ion:163 Resp: 601674

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

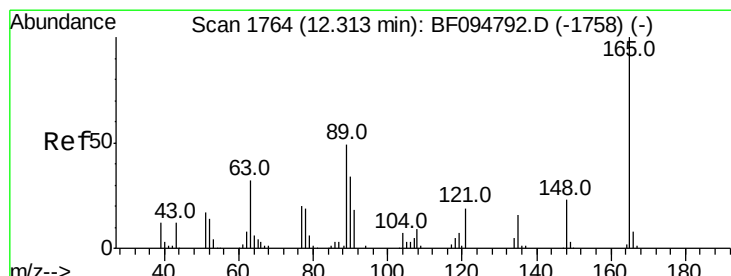
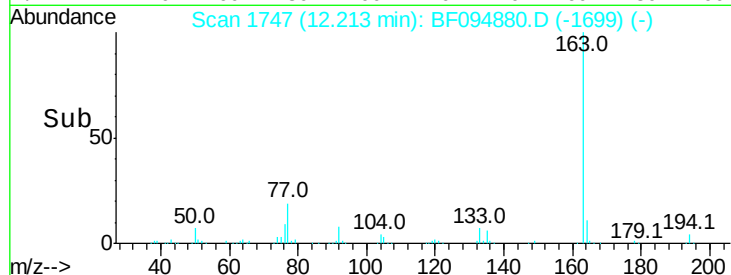
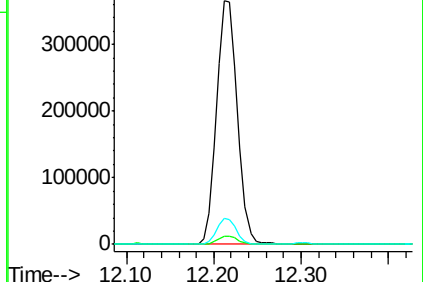
164 10.8 8.4 12.6



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: 47.38 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

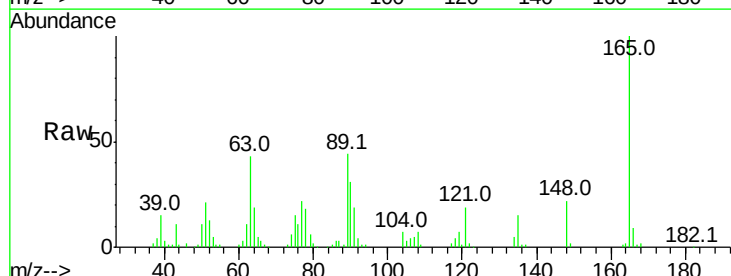
Tgt Ion:165 Resp: 131355

Ion Ratio Lower Upper

165 100

63 42.8 34.3 51.5

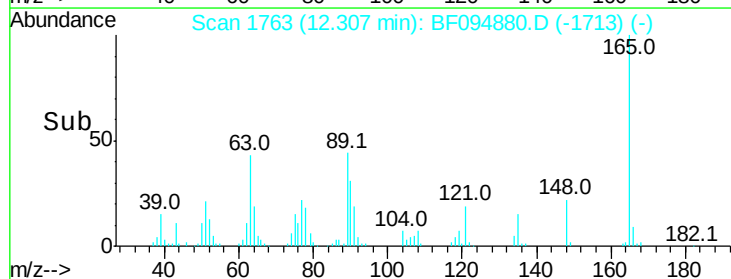
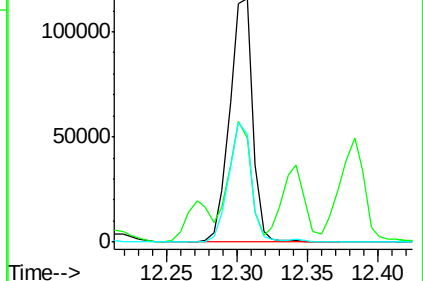
89 44.4 37.1 55.7

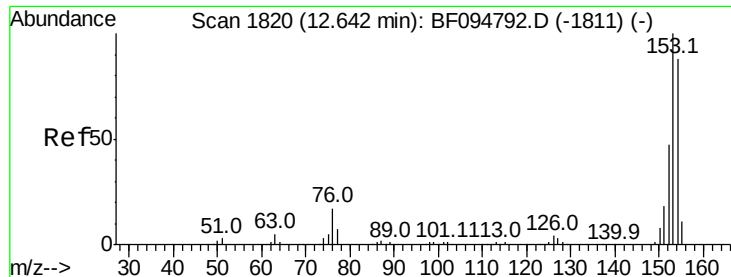


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.84 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

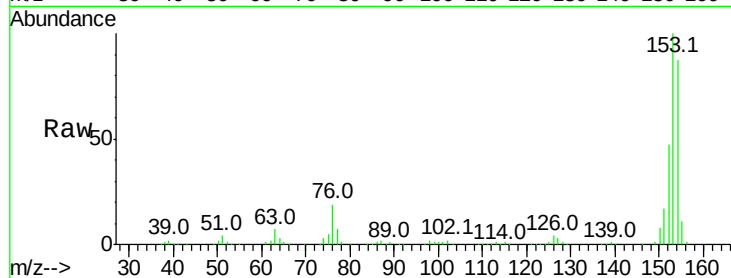
Tot Ion:154 Resp: 461577

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

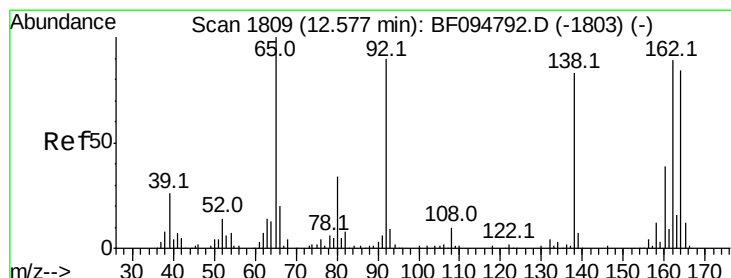
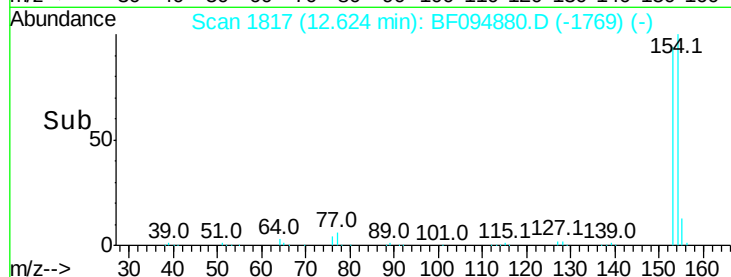
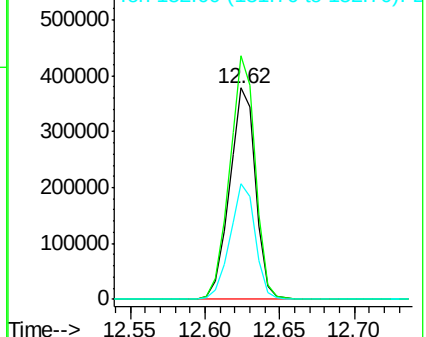
152 54.6 43.6 65.4



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: 22.36 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

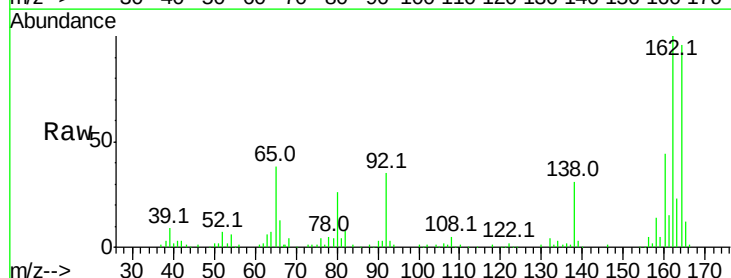
Tgt Ion:138 Resp: 66542

Ion Ratio Lower Upper

138 100

108 17.5 9.1 13.7#

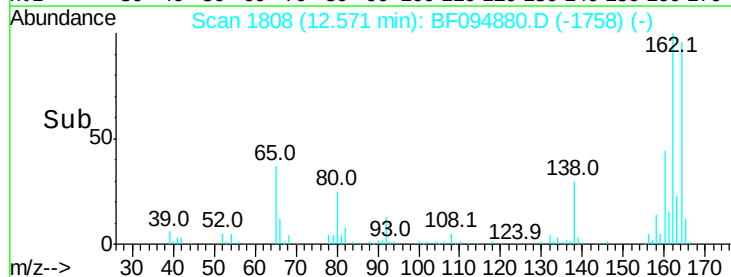
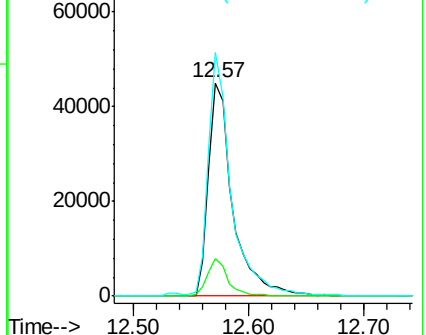
92 114.0 93.8 140.6

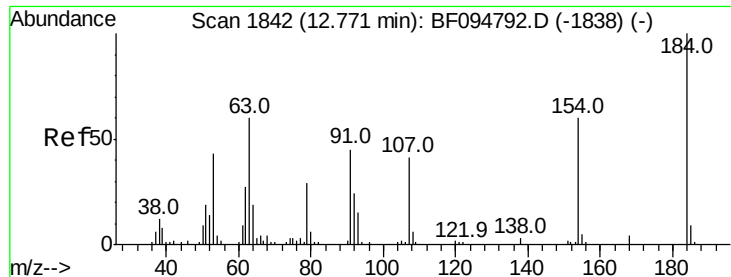


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

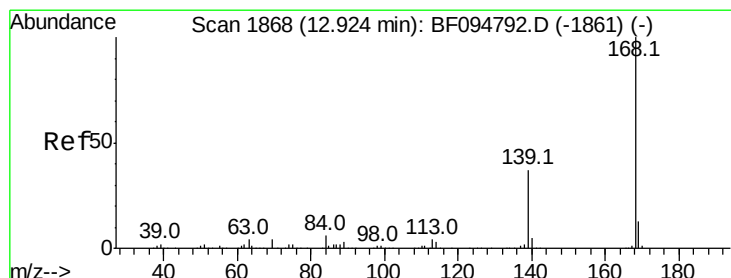
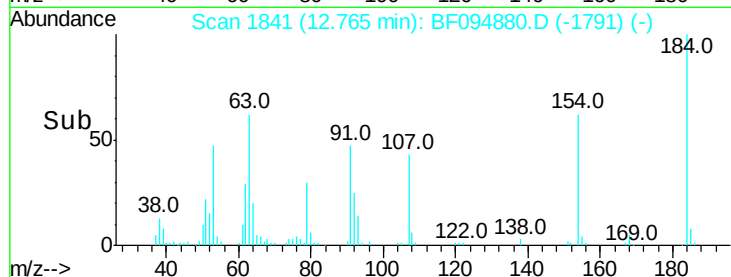
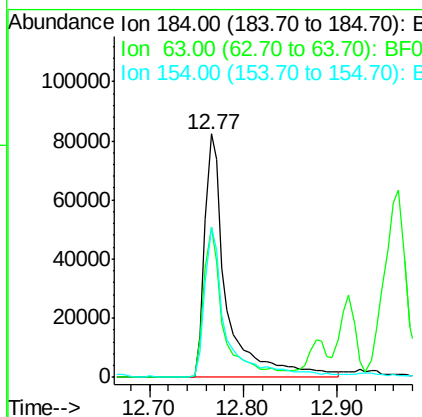
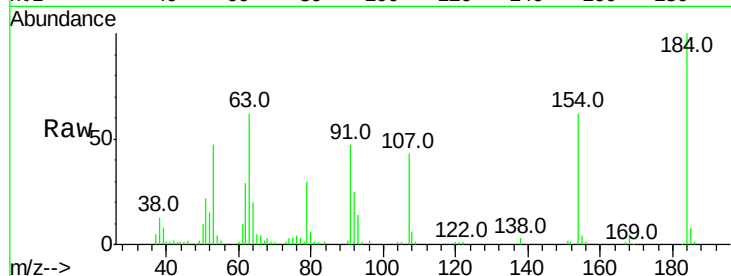




#53
 2,4-Dinitrophenol
 Concen: 87.71 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

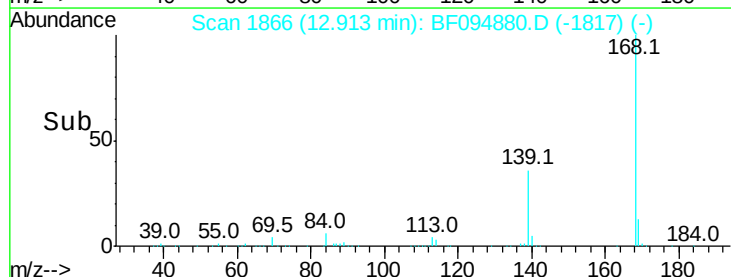
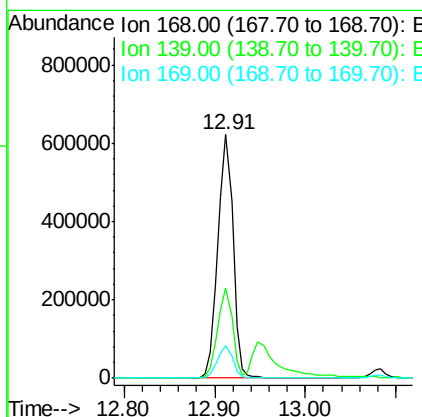
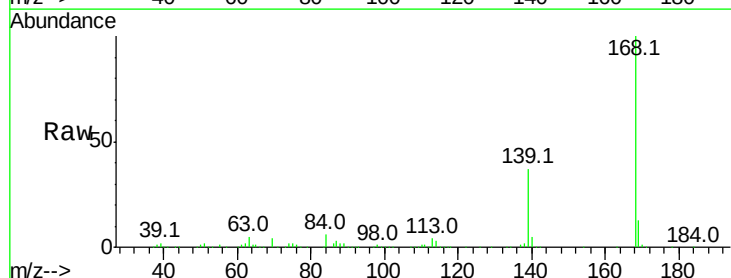
Instrument :
 BNA_F
 ClientSampled :

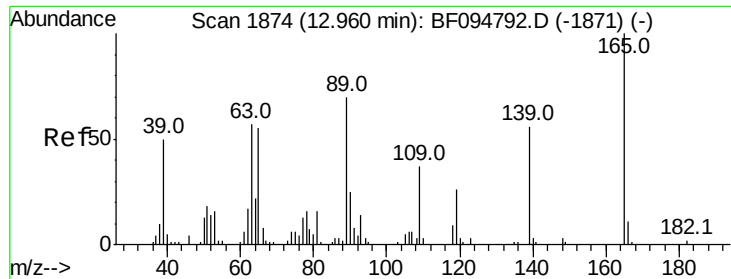
Tot Ion:184 Resp: 134929
 Ion Ratio Lower Upper
 184 100
 63 61.7 62.7 94.1#
 154 61.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.22 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:168 Resp: 717086
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.2 10.8 16.2

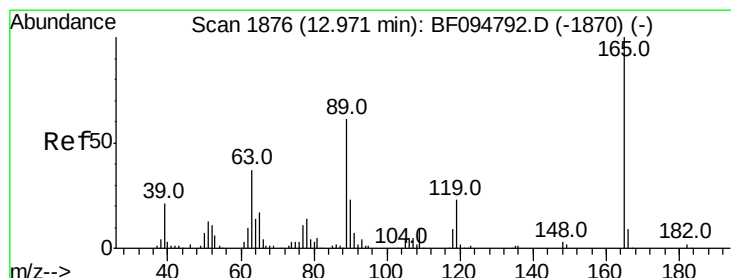
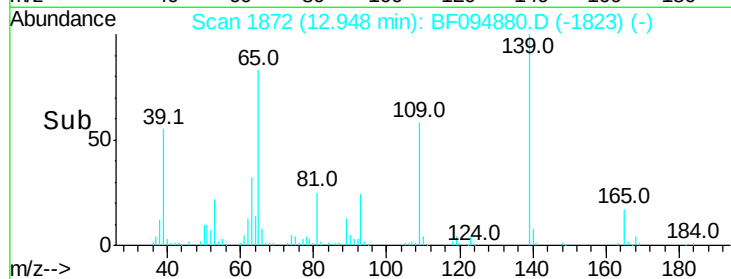
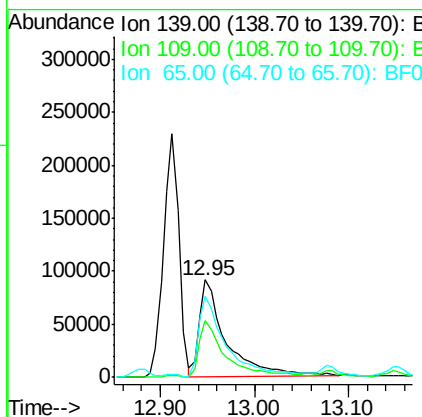
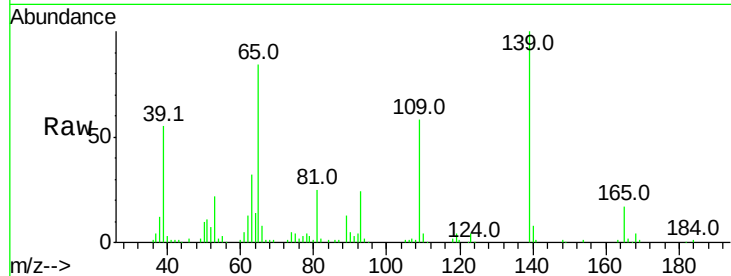




#55
4-Nitrophenol
Concen: 99.99 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

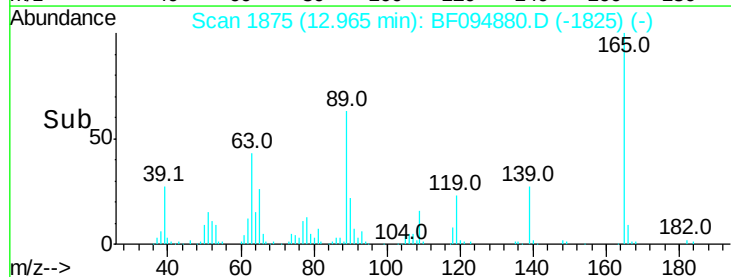
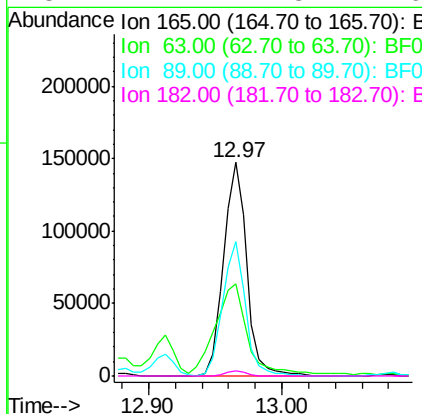
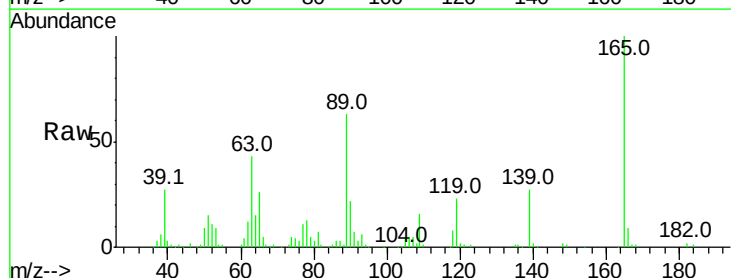
Instrument :
BNA_F
ClientSampleId :

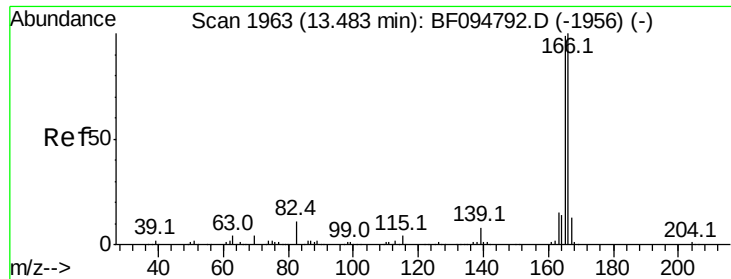
Tot Ion:139 Resp: 178698
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 83.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.86 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion:165 Resp: 181207
Ion Ratio Lower Upper
165 100
63 42.9 25.4 38.0#
89 63.1 46.4 69.6
182 2.4 1.8 2.6

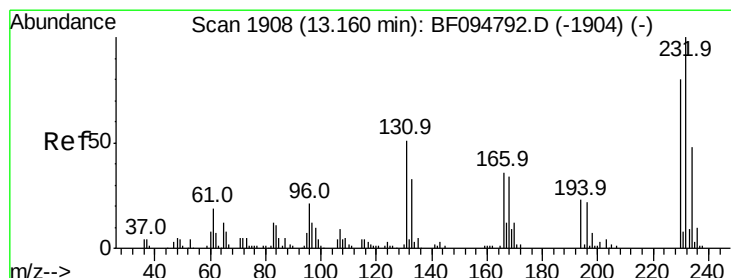
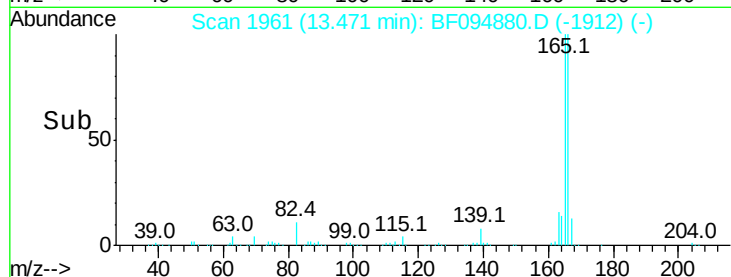
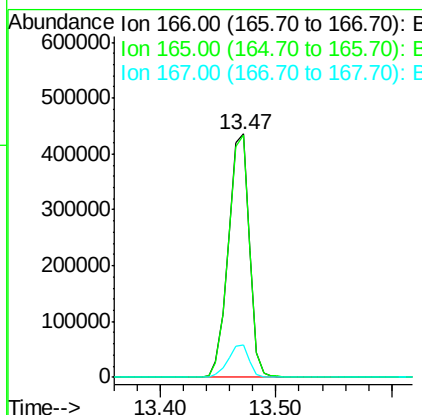
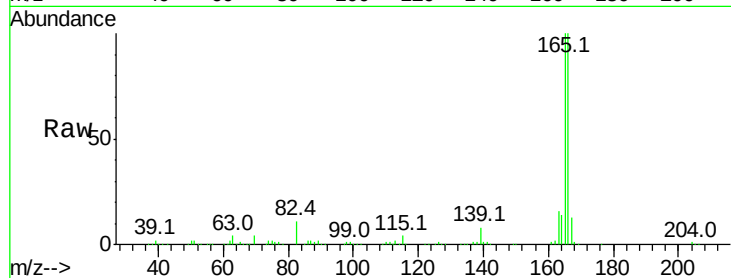




#57
 Fluorene
 Concen: 43.27 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

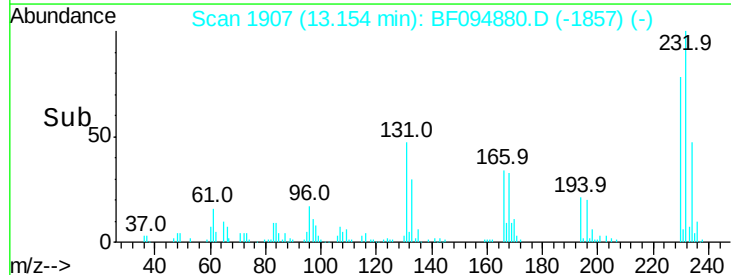
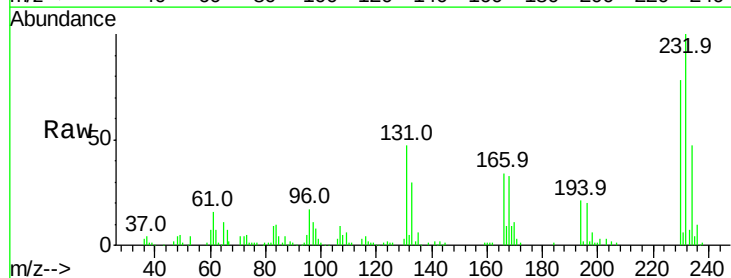
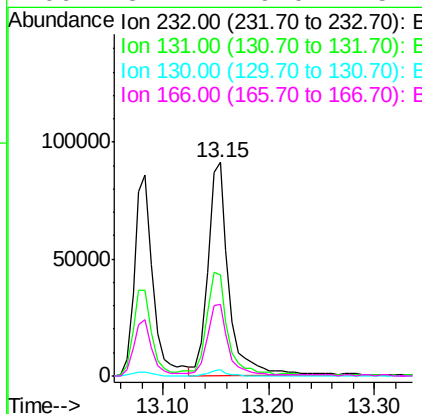
Instrument :
 BNA_F
 ClientSampleId :

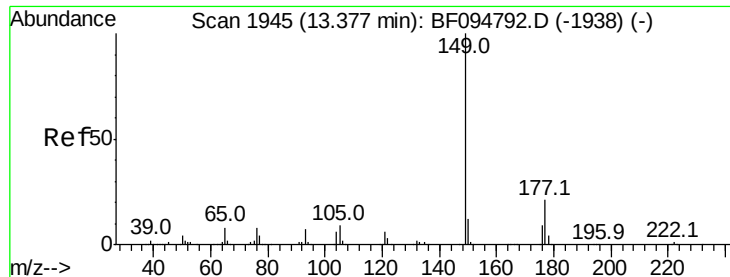
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.30 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.4	44.8	67.2
130	2.4	2.3	3.5
166	34.4	29.0	43.4

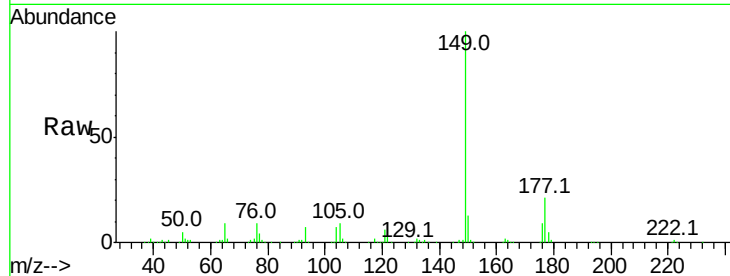




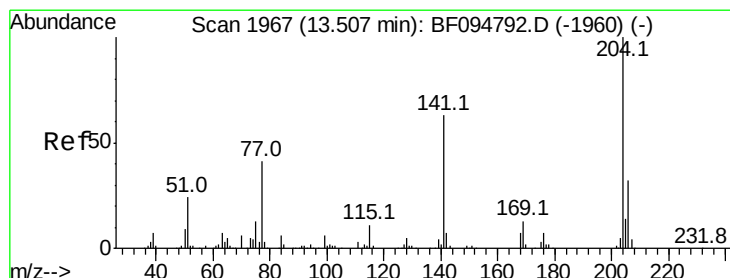
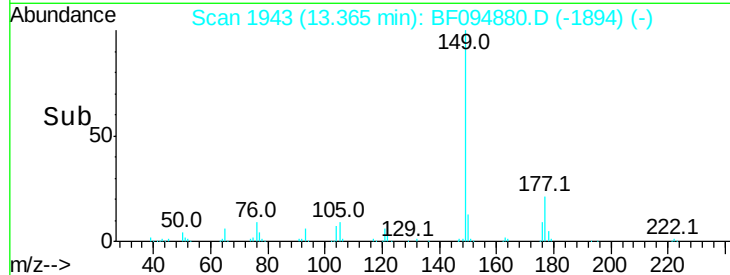
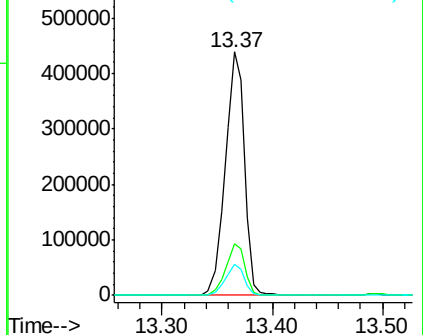
#59
Diethylphthalate
Concen: 40.97 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	13.0	10.2	15.2

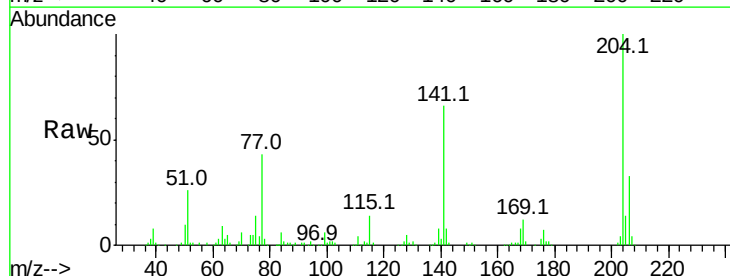


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

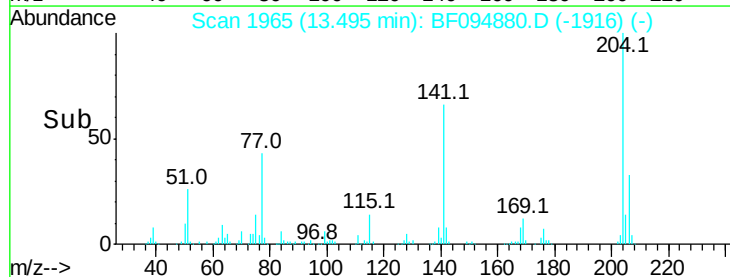
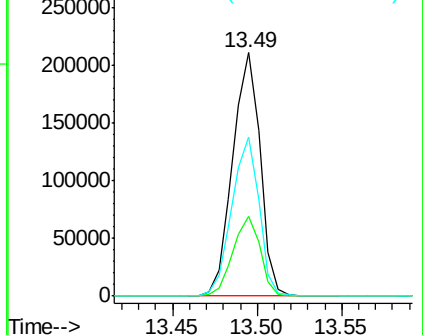


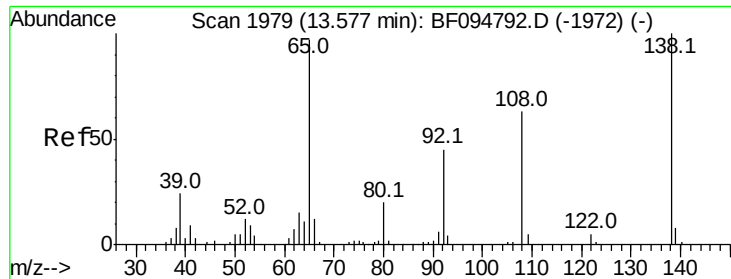
#60
4-Chlorophenyl-phenylether
Concen: 42.91 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	65.5	60.8	91.2



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

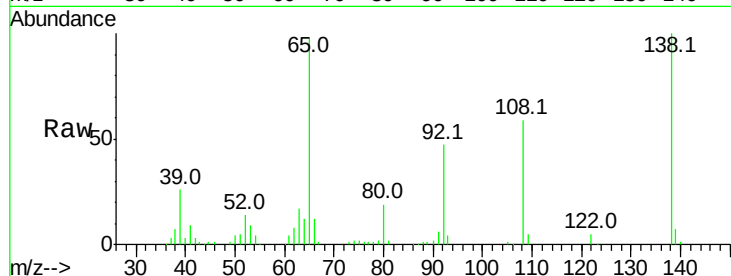




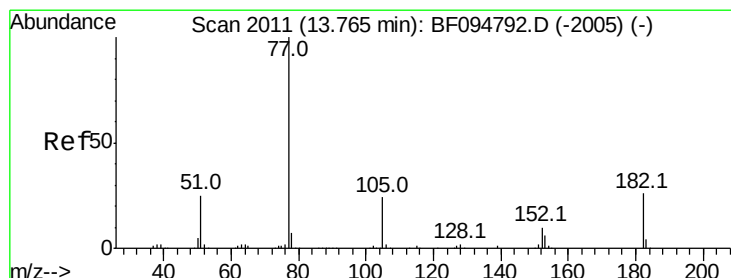
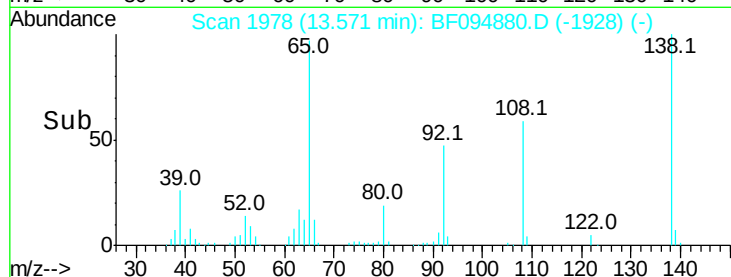
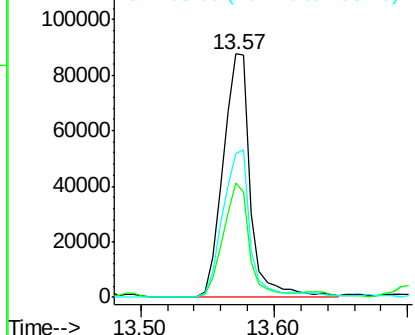
#61
4-Nitroaniline
Concen: 46.55 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 127154
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 59.1 42.3 82.3

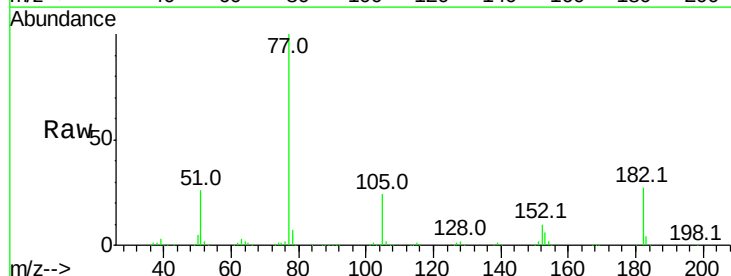


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

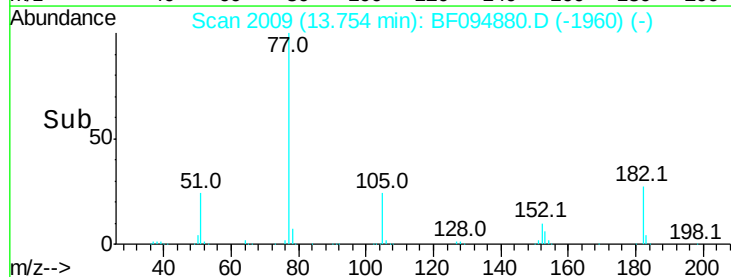
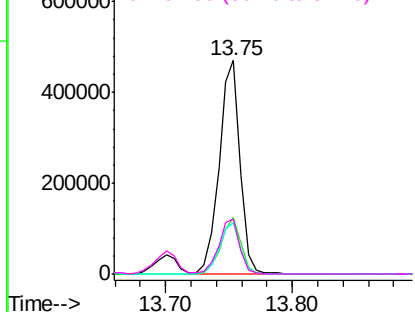


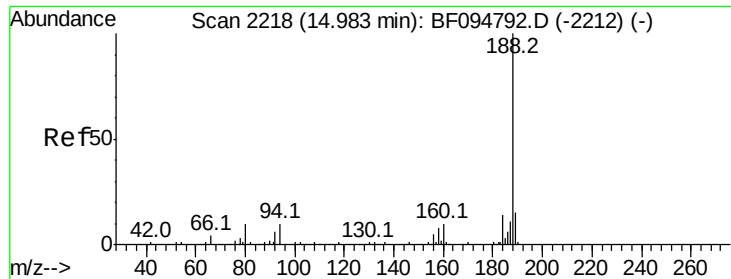
#62
Azobenzene
Concen: 51.25 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion: 77 Resp: 536445
Ion Ratio Lower Upper
77 100
182 26.7 0.1 40.1
105 24.1 3.6 43.6
51 25.7 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

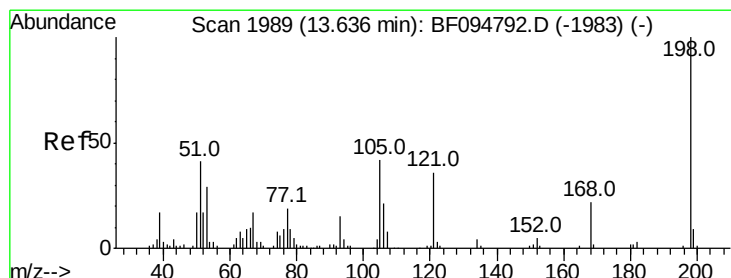
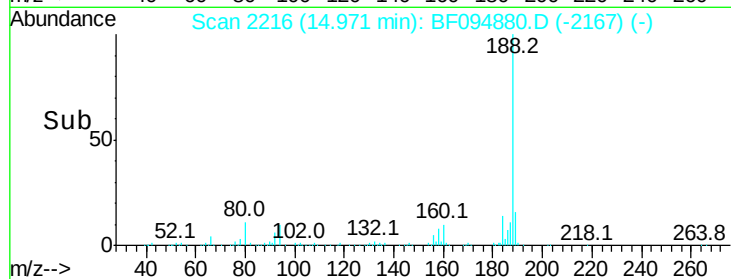
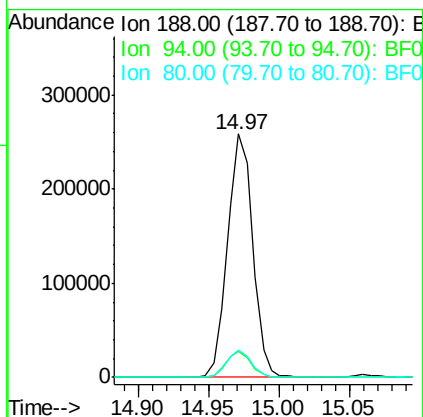
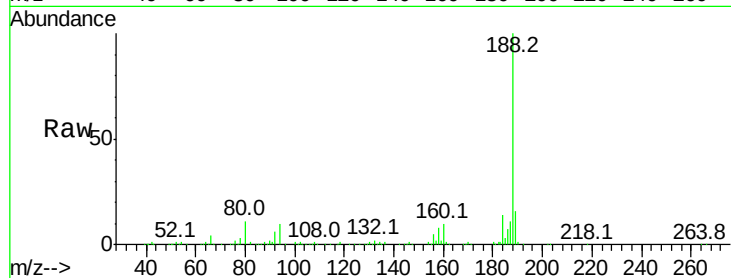




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

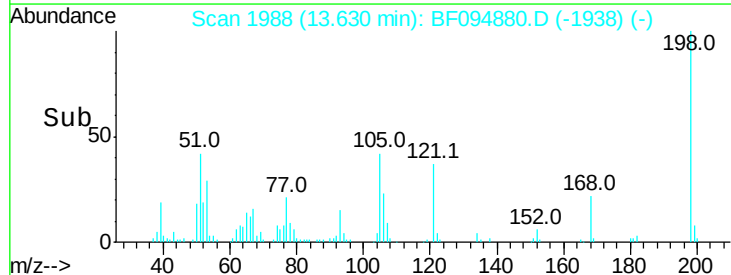
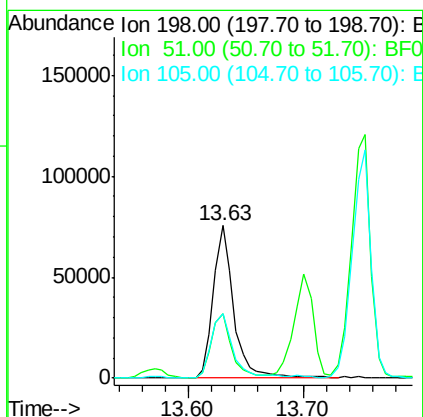
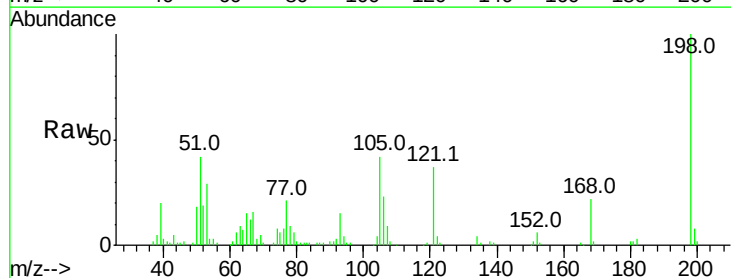
Instrument :
 BNA_F
 ClientSampleId :

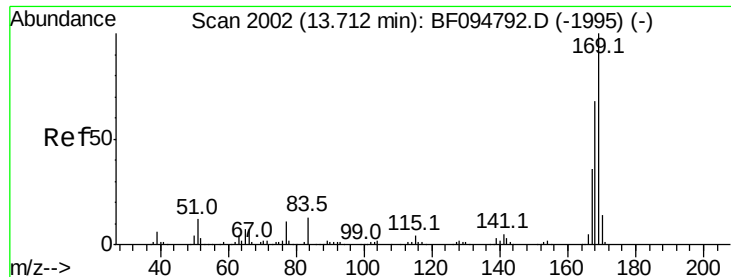
Tot Ion:188 Resp: 321356
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.35 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:198 Resp: 93396
 Ion Ratio Lower Upper
 198 100
 51 42.4 53.2 93.2#
 105 42.4 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 42.38 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

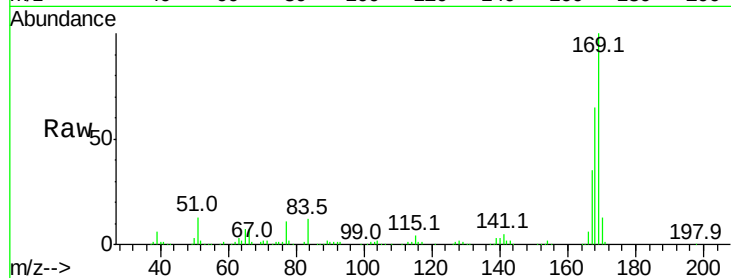
Tot Ion:169 Resp: 494314

Ion Ratio Lower Upper

169 100

168 65.3 53.2 79.8

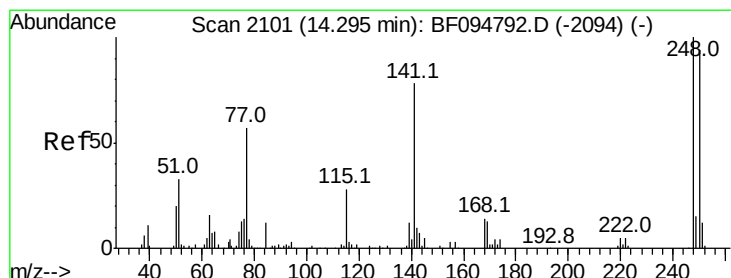
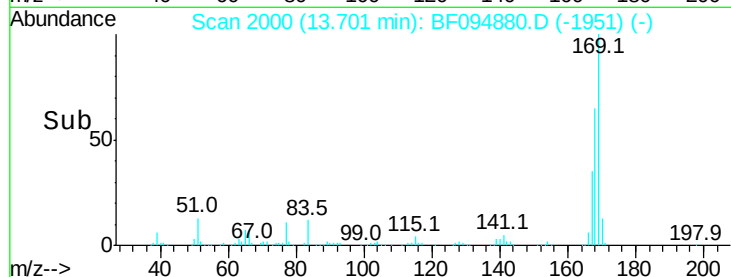
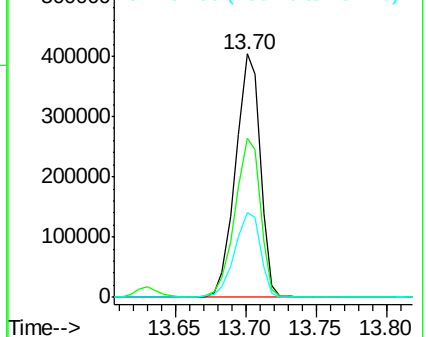
167 35.1 29.5 44.3



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: 42.81 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

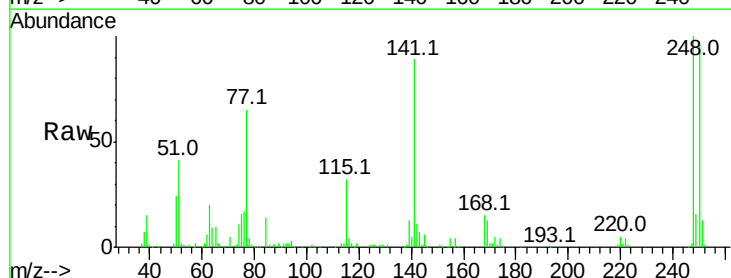
Tgt Ion:248 Resp: 145333

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

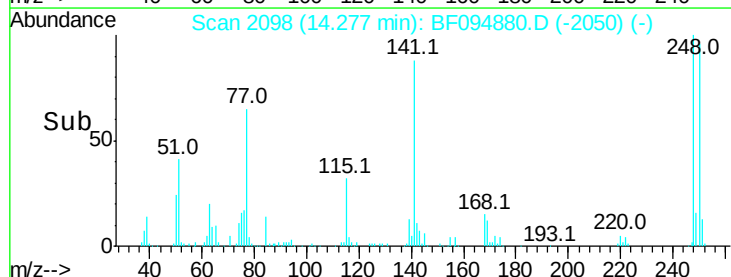
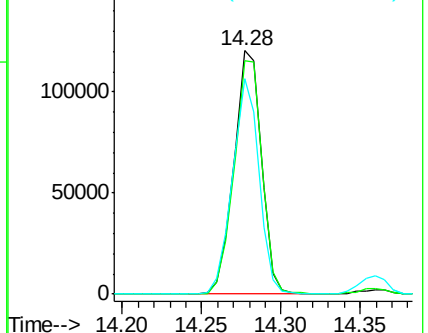
141 88.5 68.6 103.0

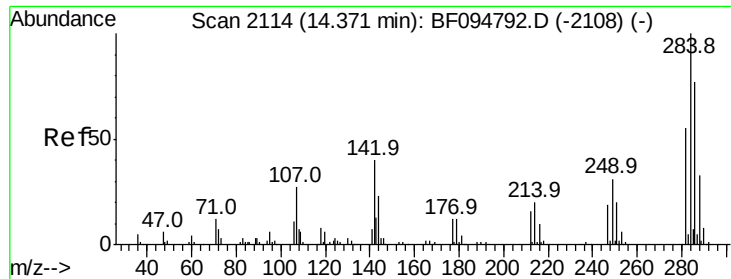


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

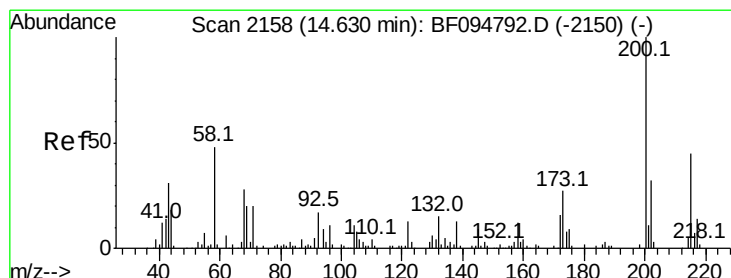
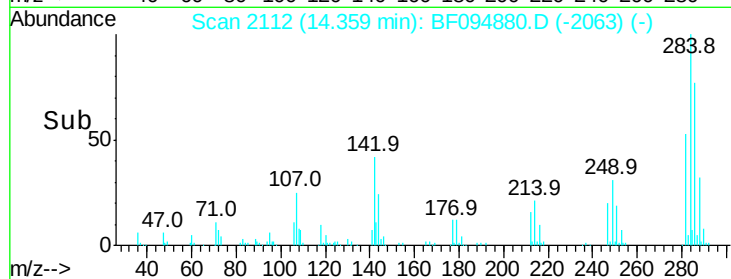
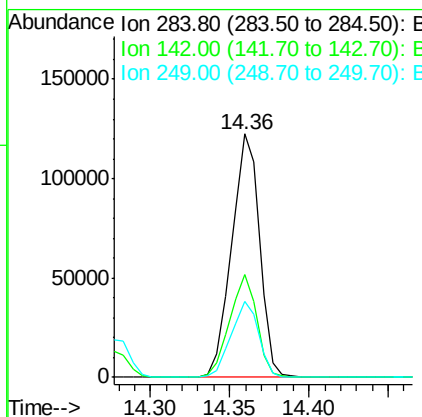
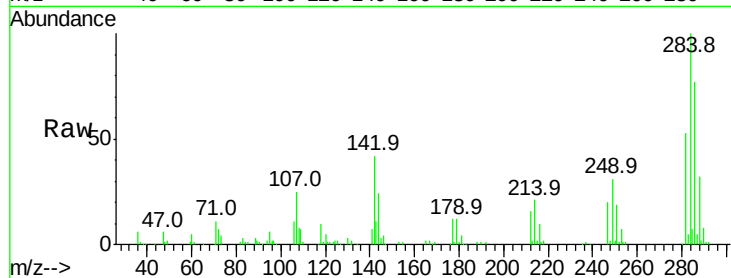




#67
Hexachlorobenzene
Concen: 42.98 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

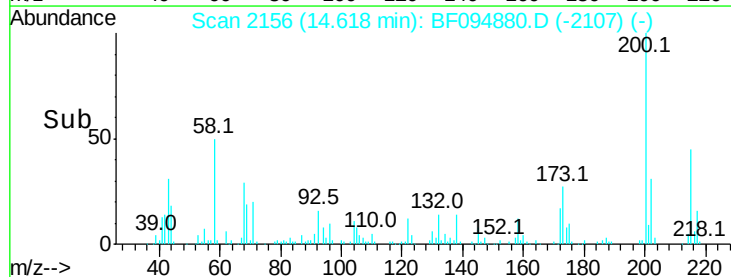
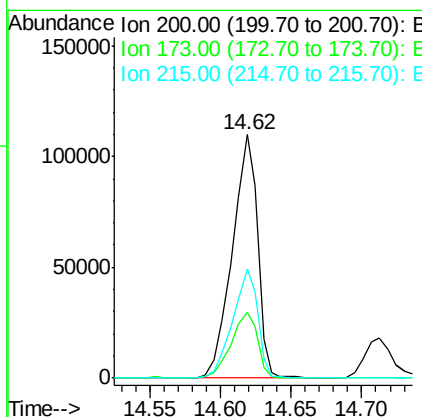
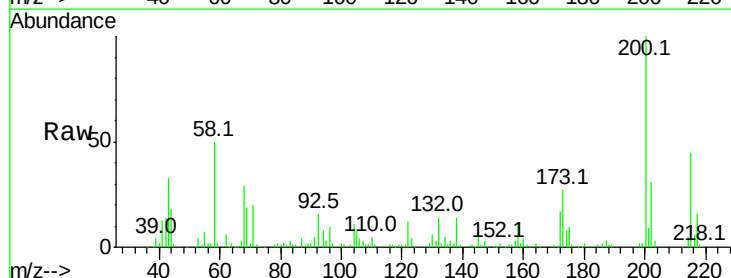
Instrument :
BNA_F
ClientSampleId :

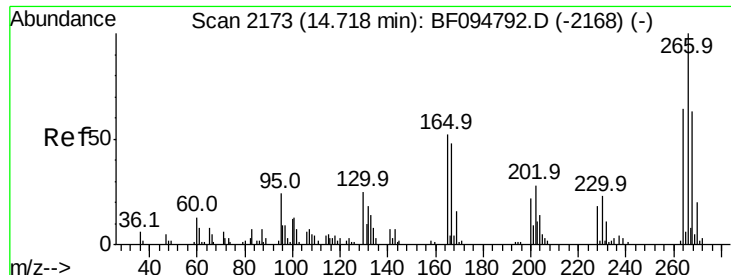
Tot Ion	Ratio	Lower	Upper
284	100		
142	42.5	22.8	34.2
249	31.3	24.0	36.0



#68
Atrazine
Concen: 41.65 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.3	46.3
215	45.0	27.2	67.2

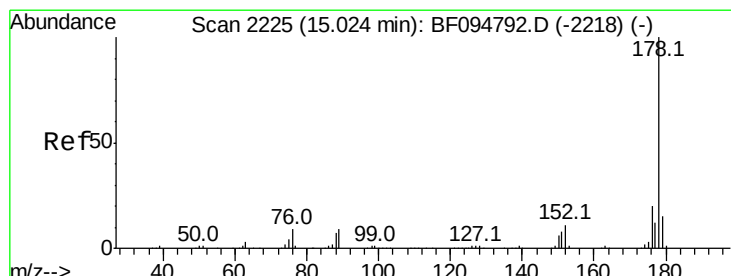
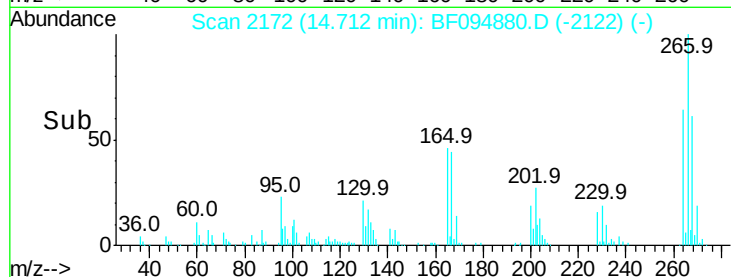
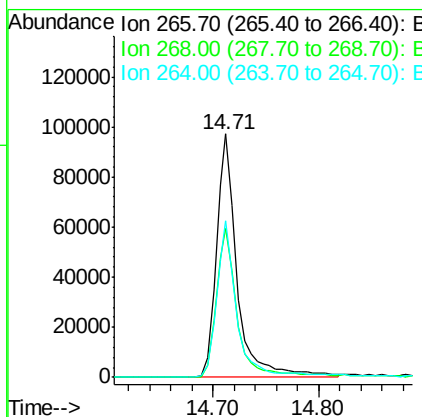
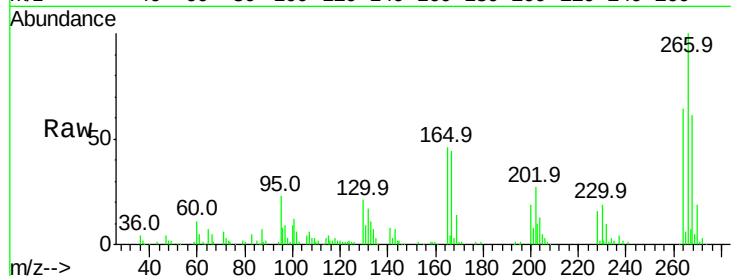




#69
 Pentachlorophenol
 Concen: 84.94 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

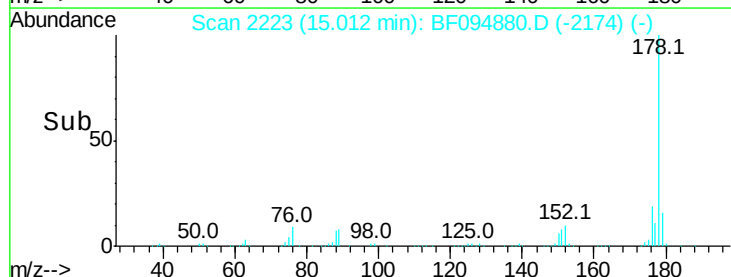
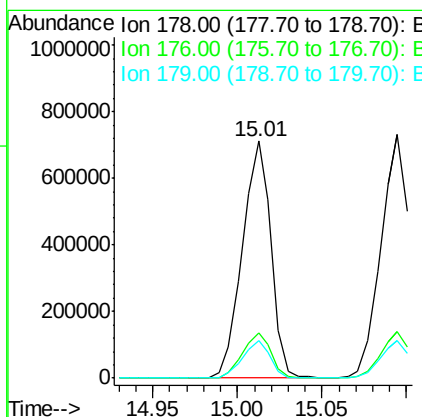
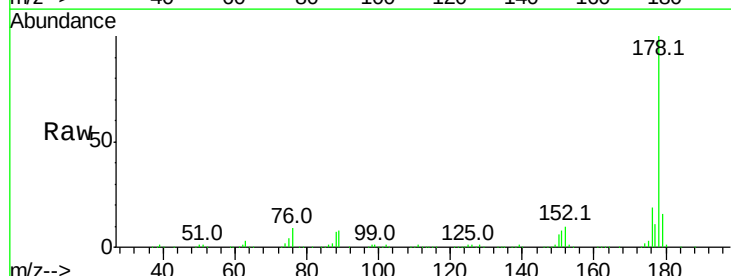
Instrument :
 BNA_F
 ClientSampleId :

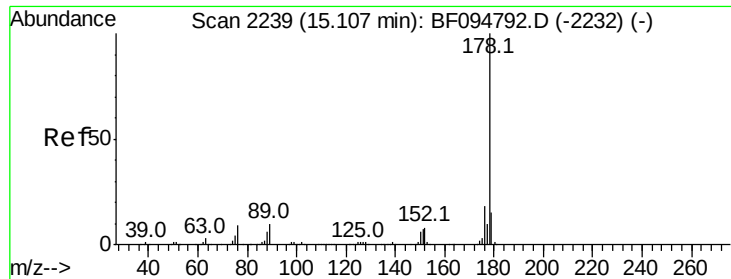
Tot Ion:266 Resp: 134250
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 64.2 51.7 77.5



#70
 Phenanthrene
 Concen: 45.68 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:178 Resp: 843400
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.8 12.6 19.0

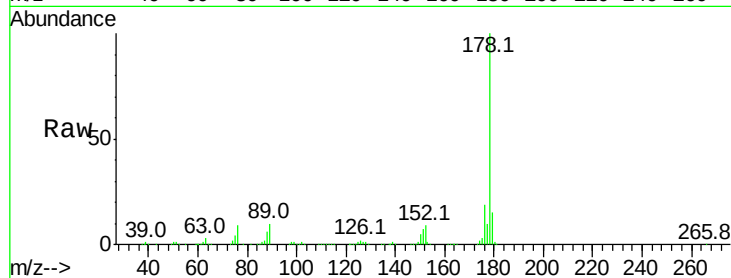




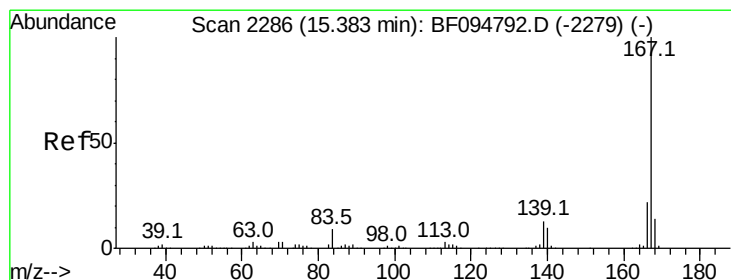
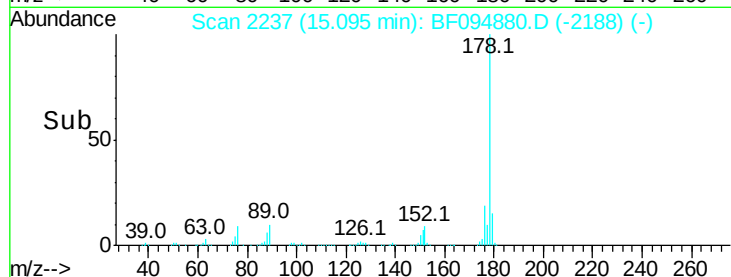
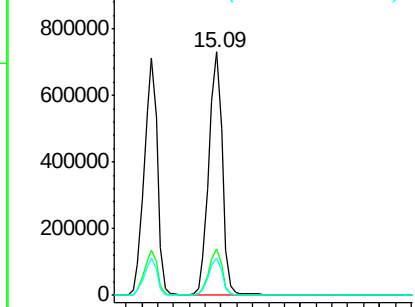
#71
 Anthracene
 Concen: 46.43 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 875610
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 12.7 19.1

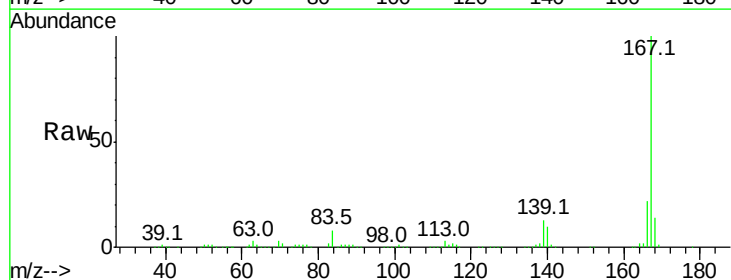


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

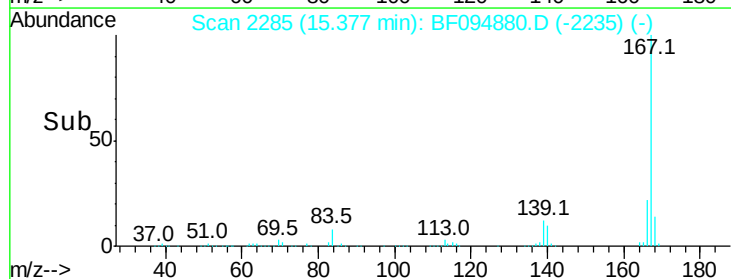
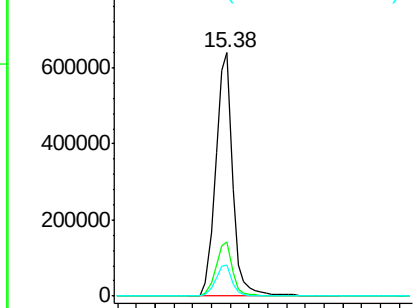


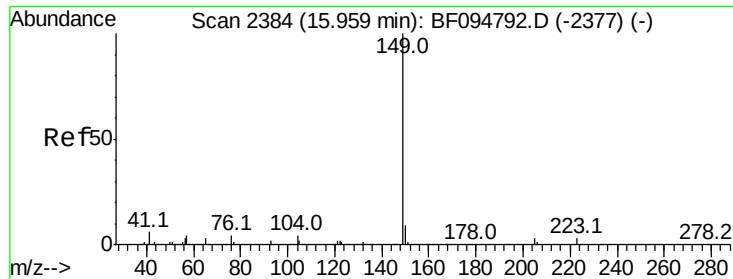
#72
 Carbazole
 Concen: 47.27 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:167 Resp: 811104
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.8 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: 44.00 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

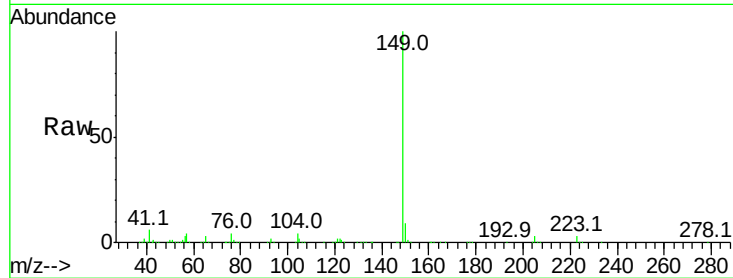
Tot Ion:149 Resp: 941633

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

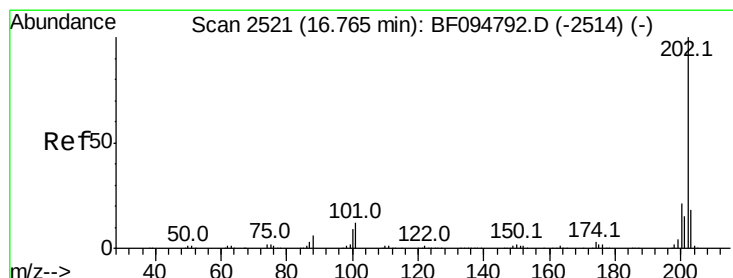
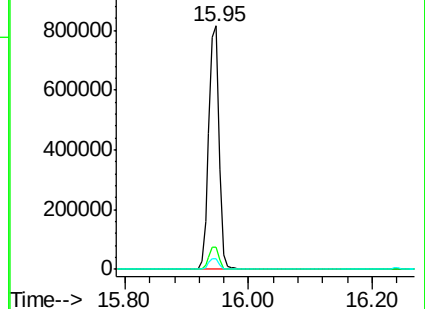
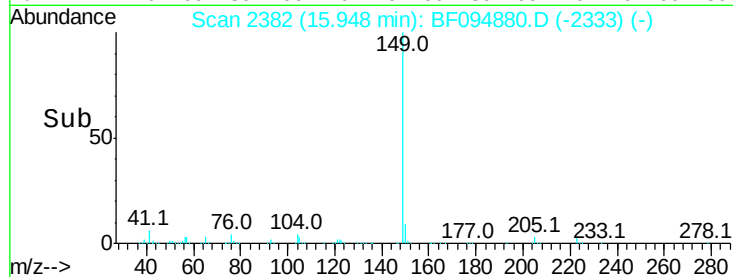
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.08 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

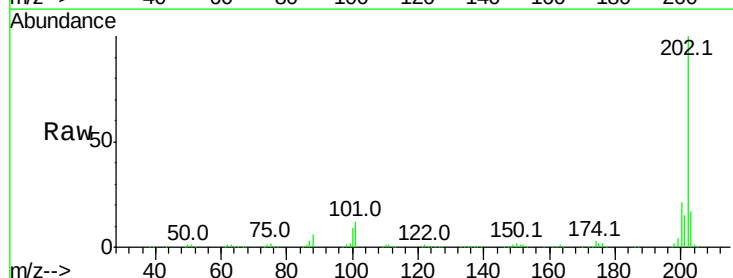
Tgt Ion:202 Resp: 872774

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.2

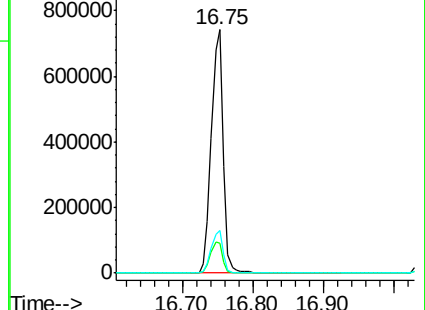
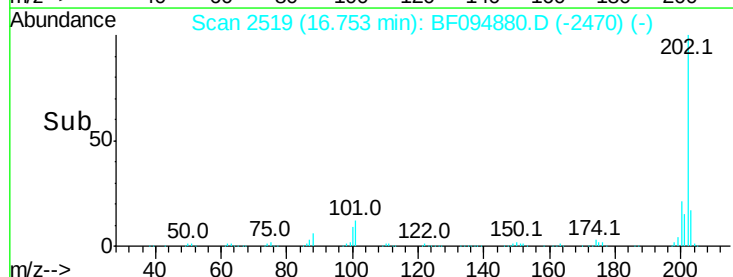
203 17.5 0.0 38.1

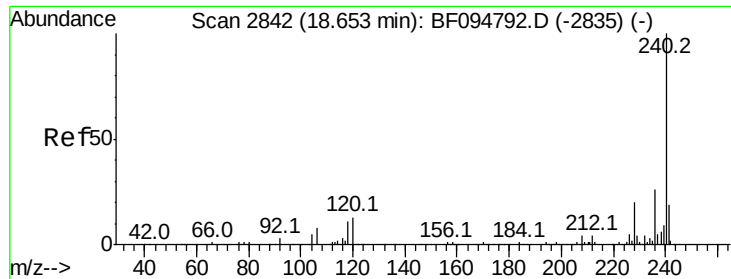


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

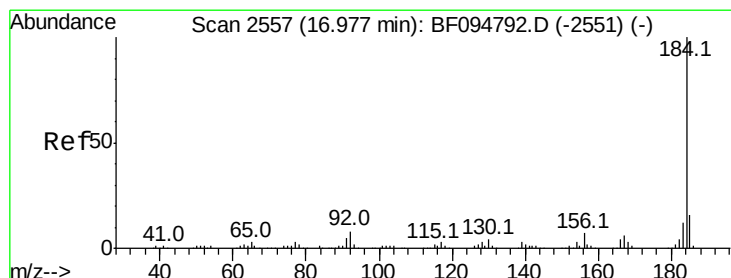
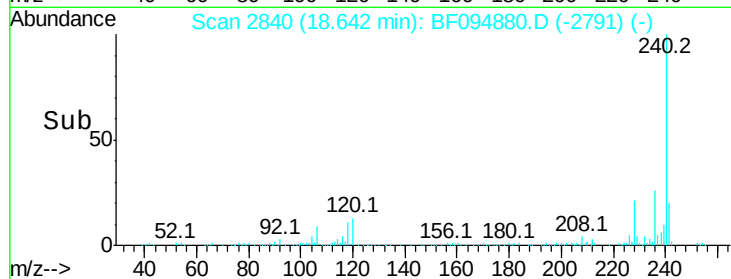
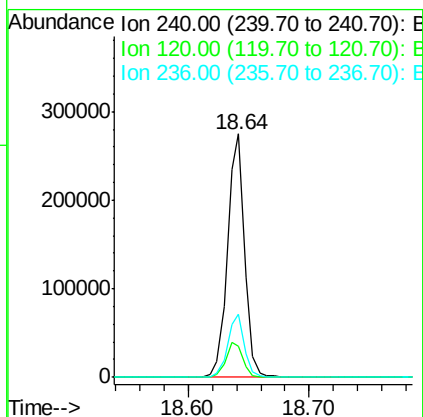
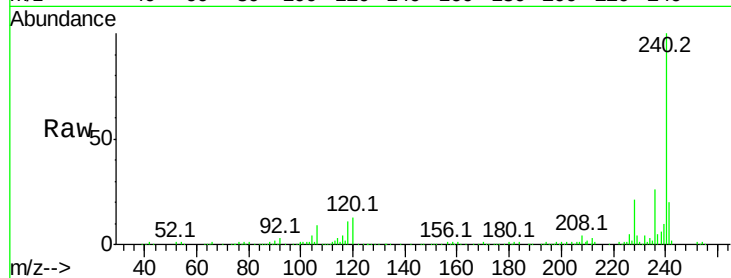




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

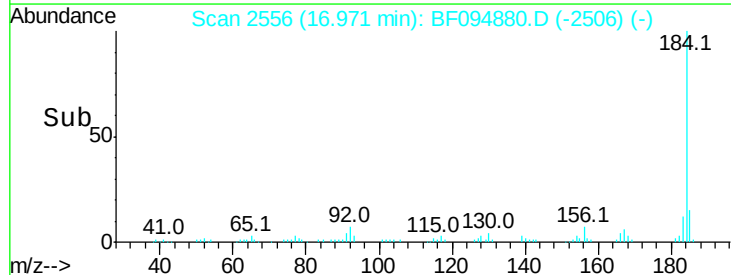
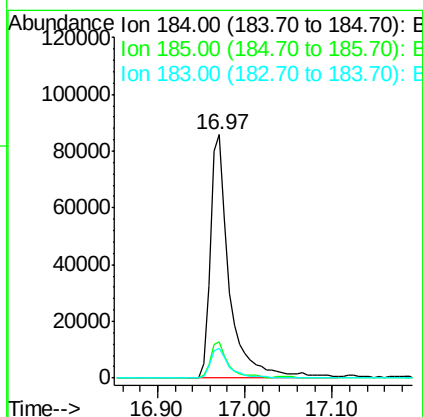
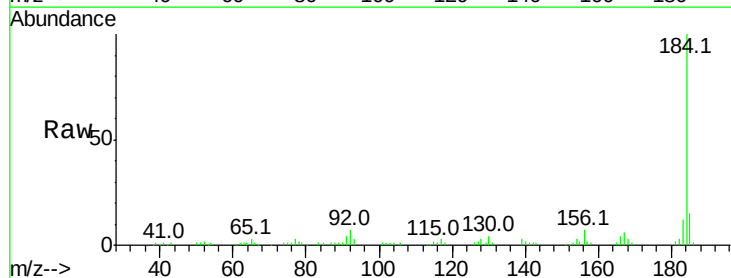
Instrument :
 BNA_F
 ClientSampleId :

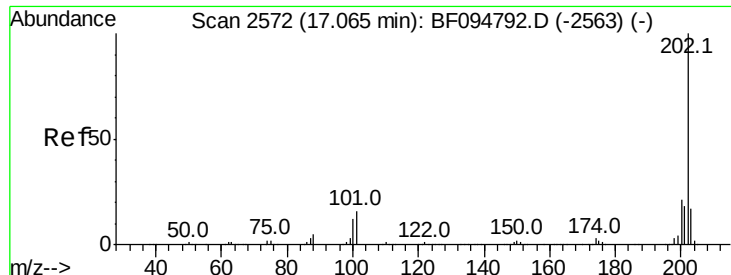
Tot Ion:240 Resp: 268592
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 25.7 20.5 30.7



#76
 Benzidine
 Concen: 21.99 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion:184 Resp: 129710
 Ion Ratio Lower Upper
 184 100
 185 15.1 15.5 23.3#
 183 12.0 9.8 14.6





#77

Pvrene

Concen: 44.36 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

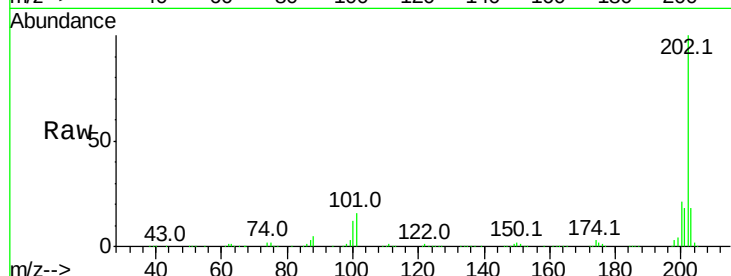
Tot Ion:202 Resp: 891100

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

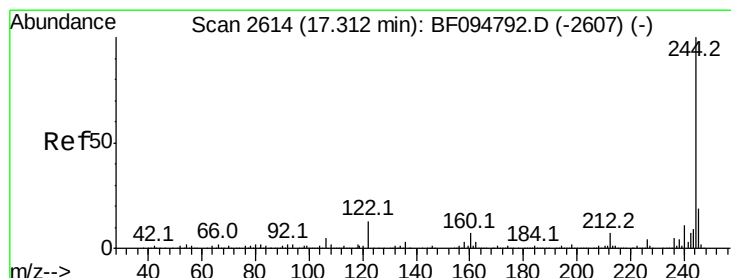
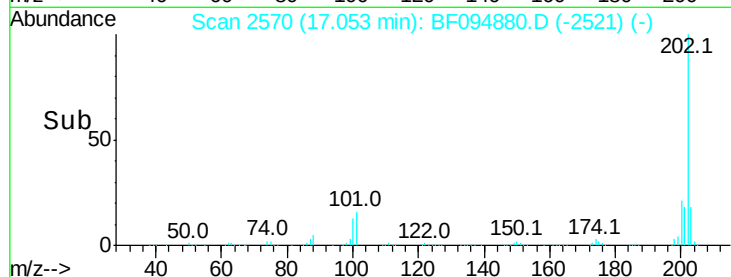
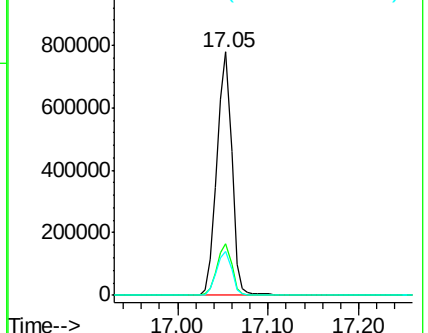
203 18.1 14.4 21.6



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: 74.93 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

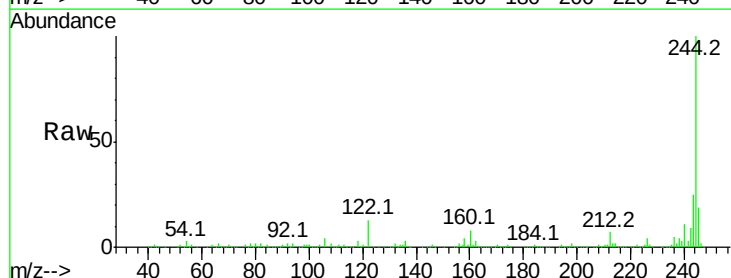
Tgt Ion:244 Resp: 913793

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

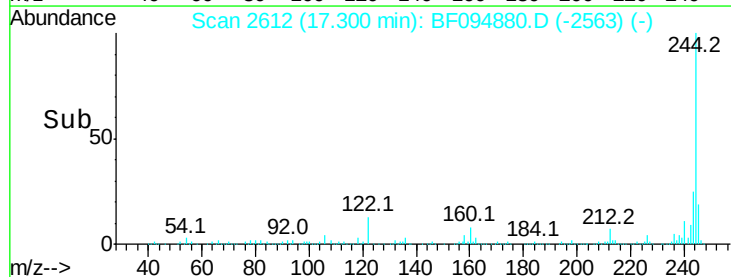
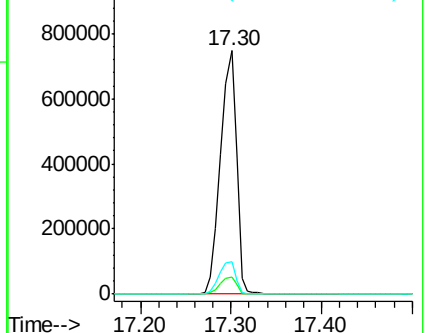
122 13.5 10.3 15.5

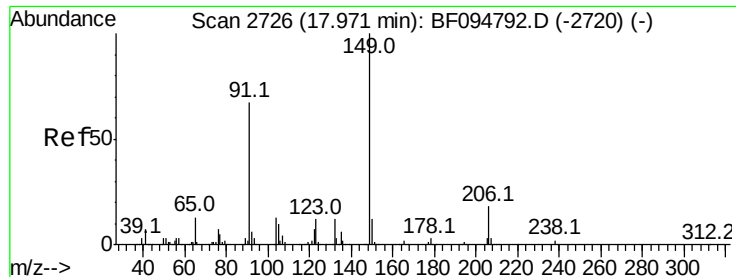


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

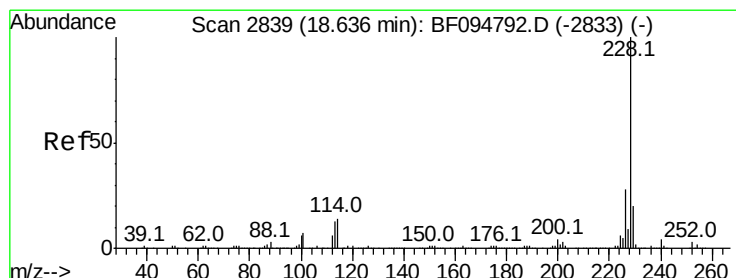
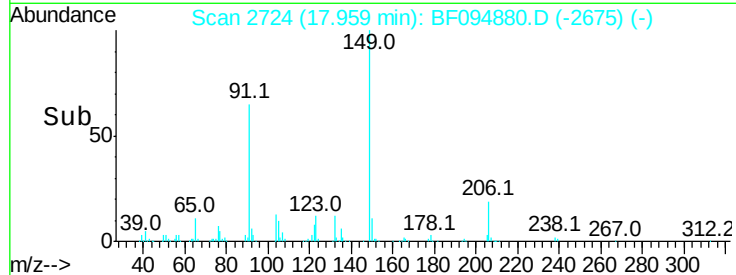
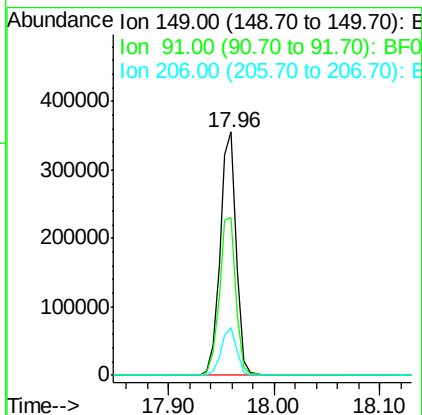
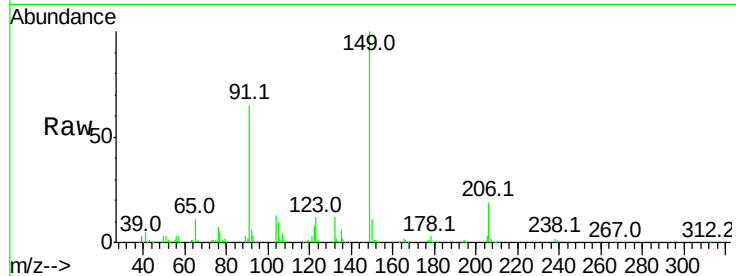




#79
Butylbenzylphthalate
Concen: 40.78 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

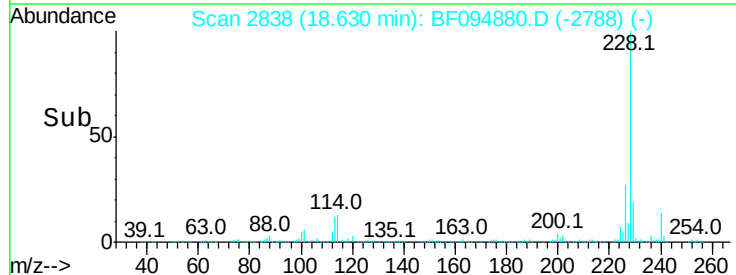
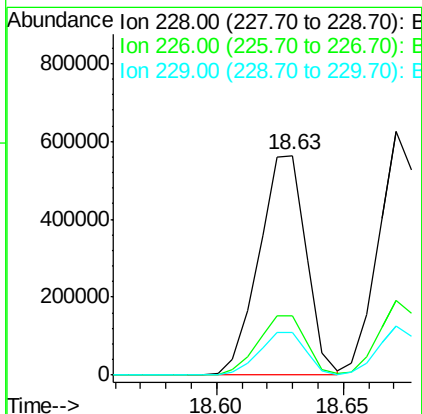
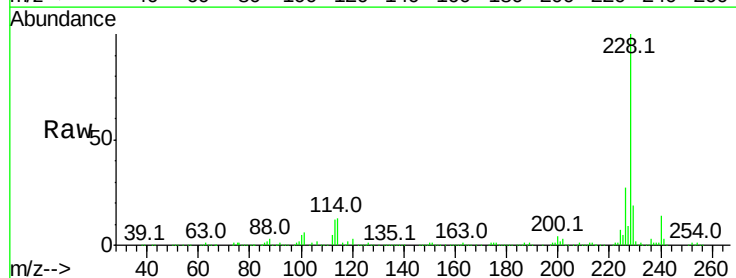
Instrument :
BNA_F
ClientSampleId :

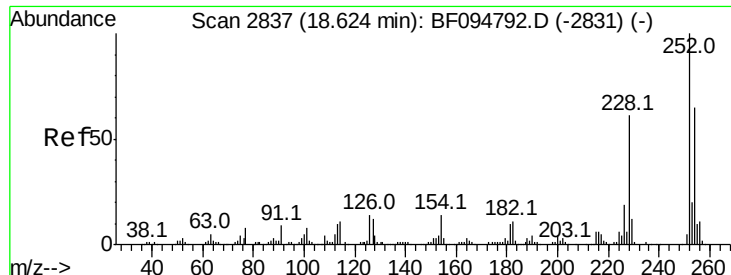
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.1	45.0	67.4
206	19.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 46.40 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094880.D
Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.3	16.3	24.5

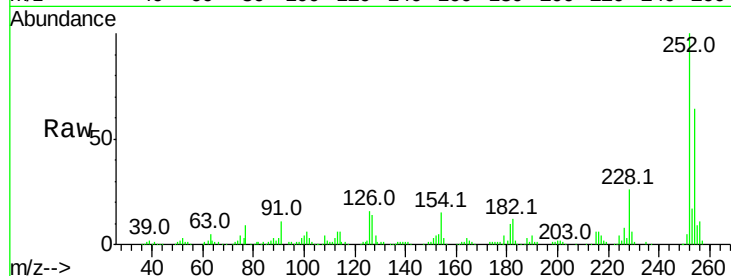




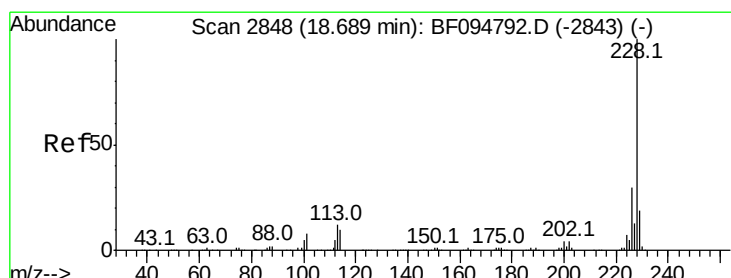
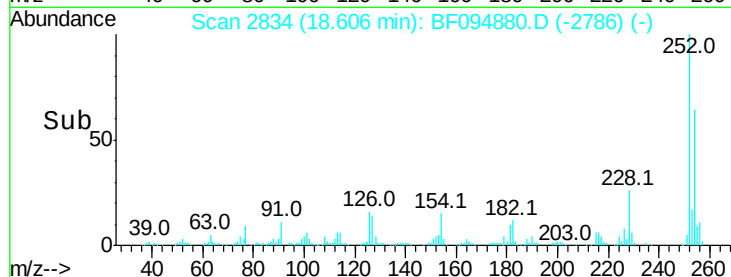
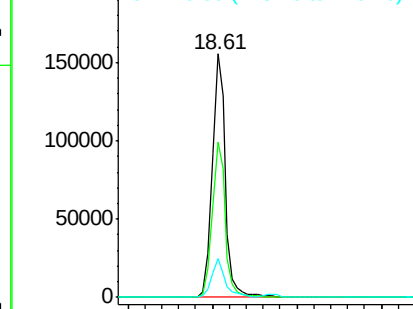
#81
 3,3'-Dichlorobenzidine
 Concen: 31.54 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	15.7	15.8	23.8#

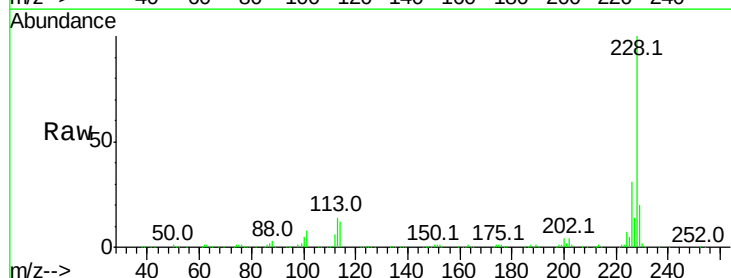


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

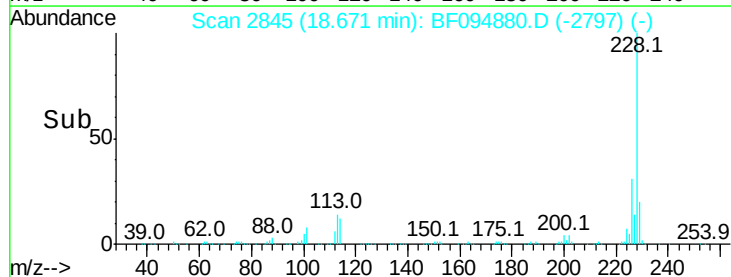
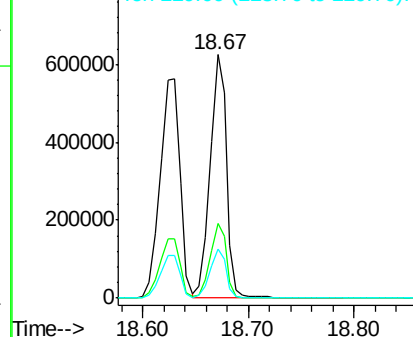


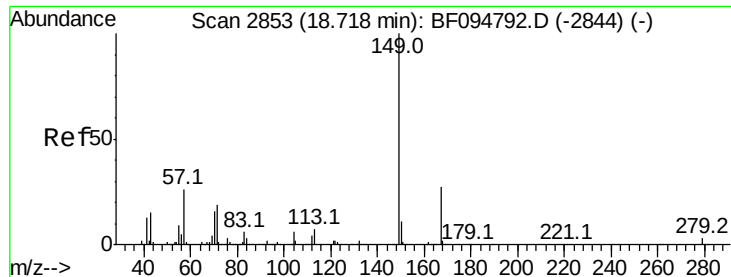
#82
 Chrysene
 Concen: 44.91 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.4	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

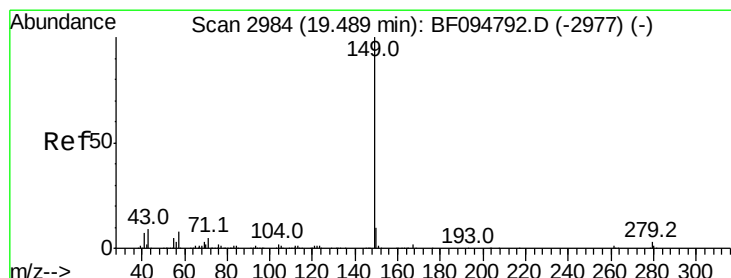
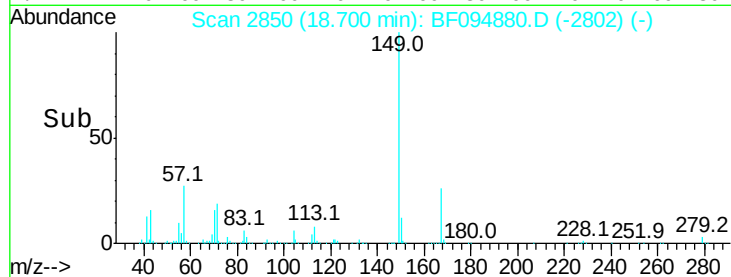
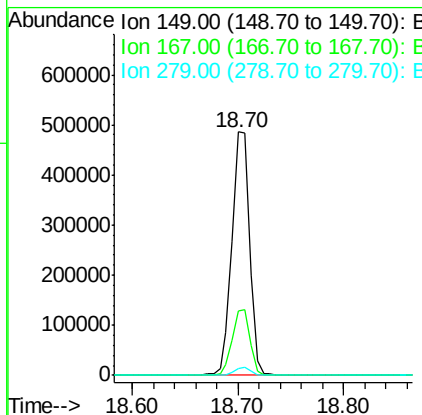
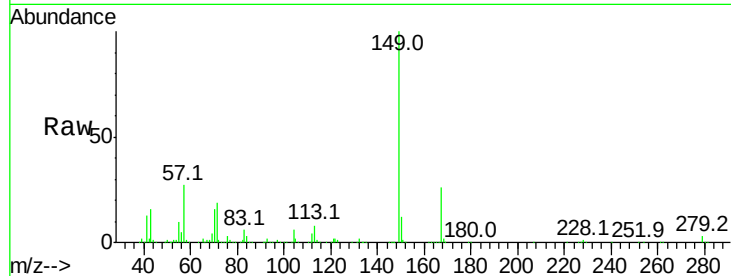




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.08 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

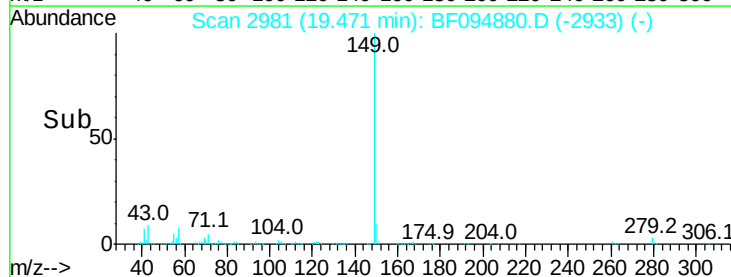
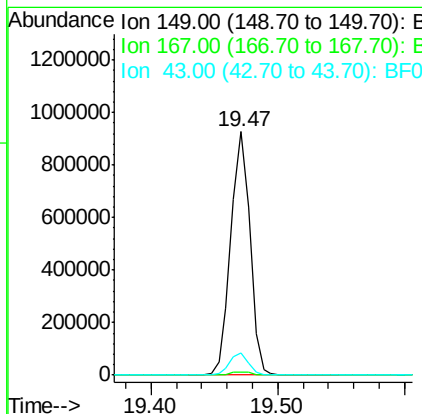
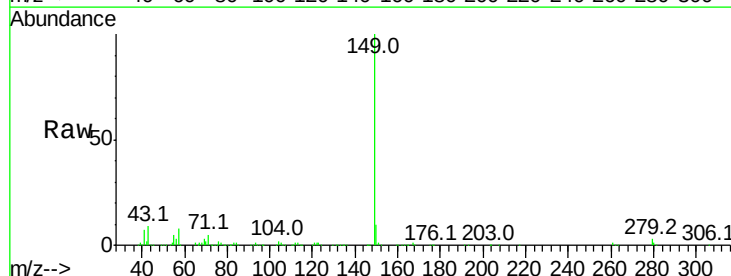
Instrument :
 BNA_F
 ClientSampleId :

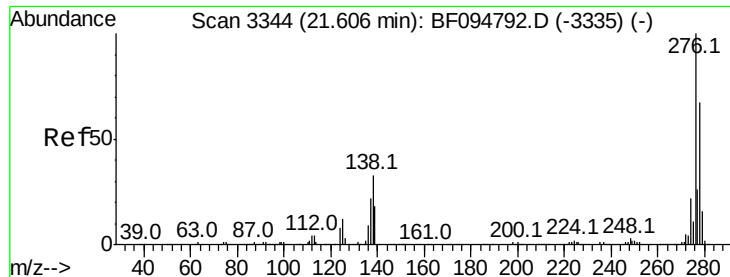
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.47 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	8.5	12.7

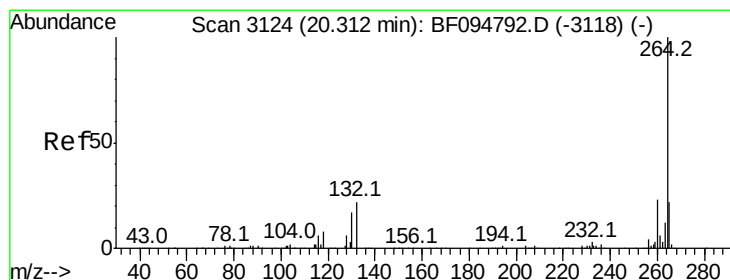
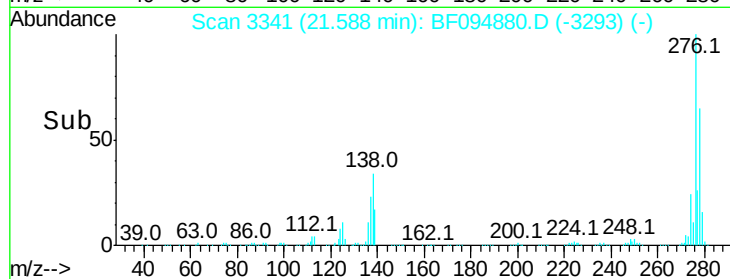
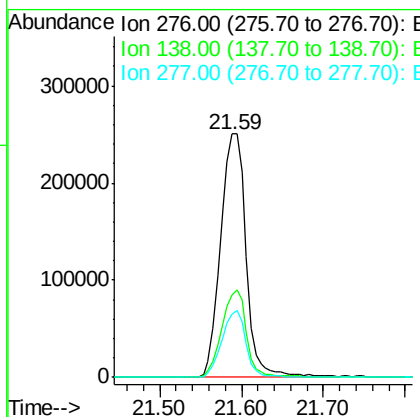
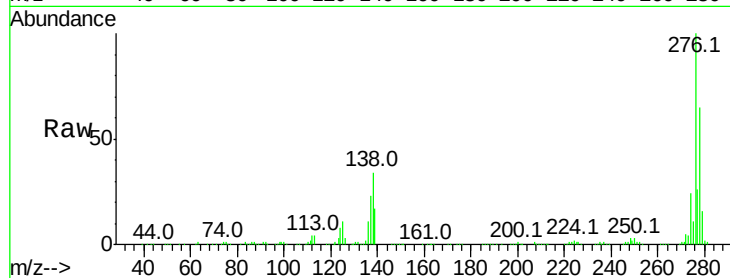




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.55 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

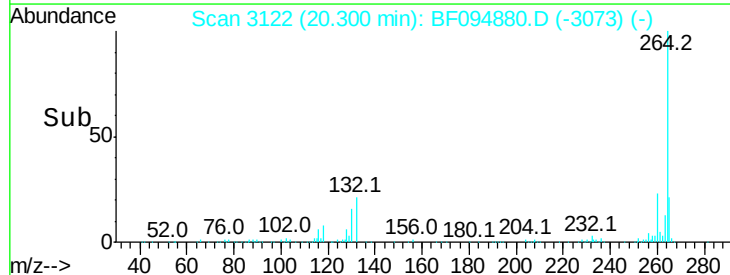
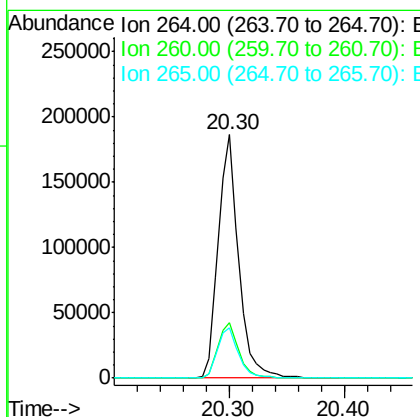
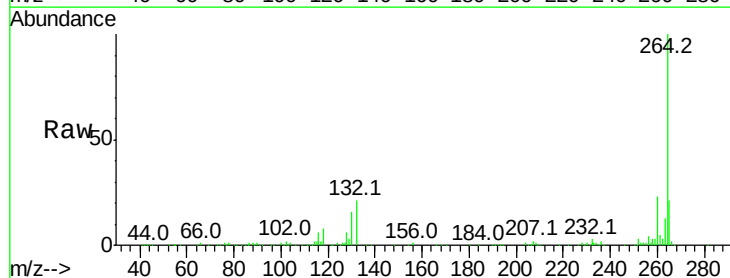
Instrument :
 BNA_F
 ClientSampleId :

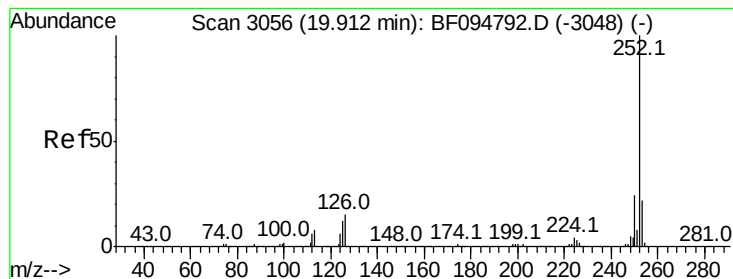
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094880.D
 Acq: 4 May 2017 18:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.87 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

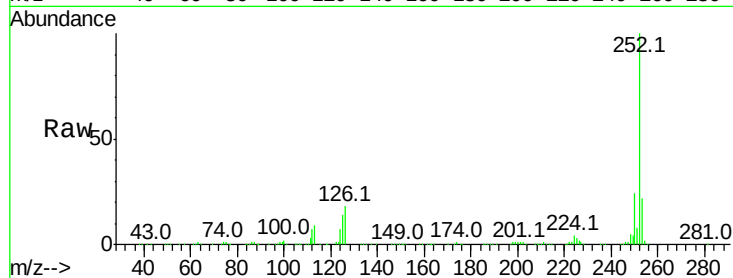
Tot Ion:252 Resp: 703810

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

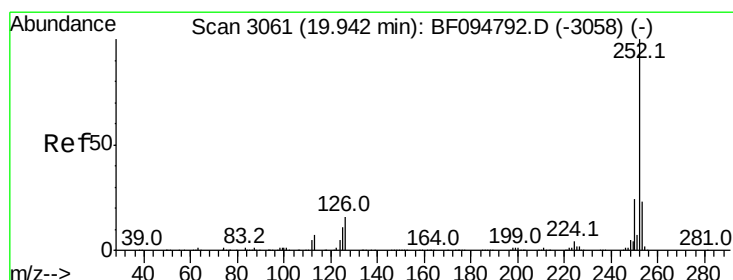
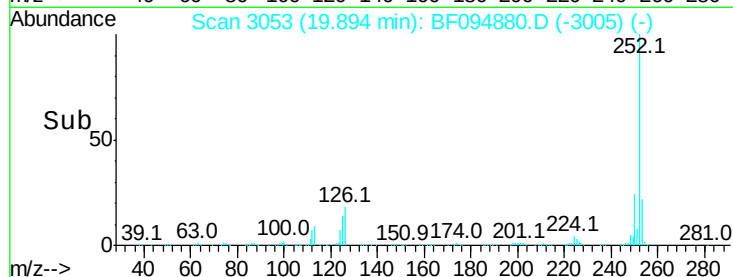
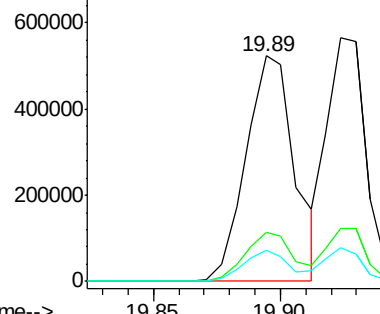
125 13.9 9.8 14.8



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: 45.23 ng

RT: 19.92 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

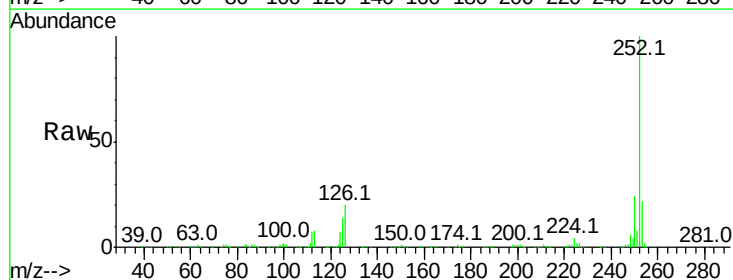
Tgt Ion:252 Resp: 615825

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

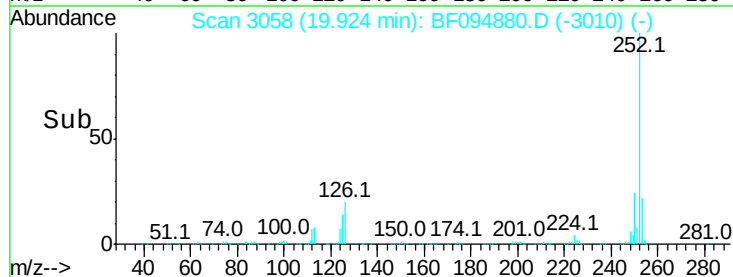
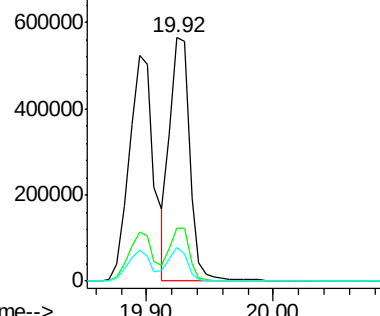
125 14.0 13.1 19.7

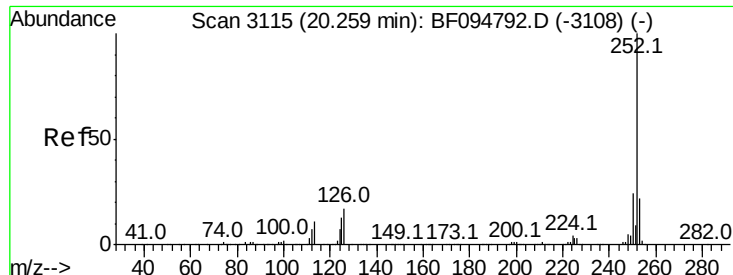


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.33 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

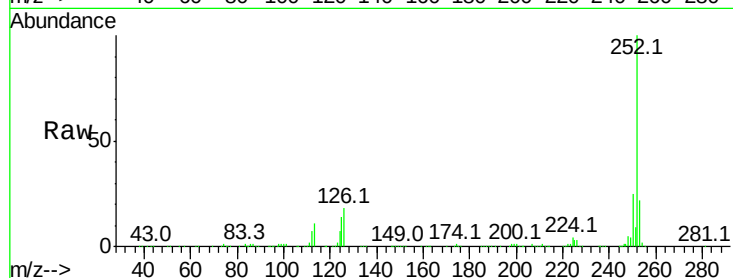
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 603337

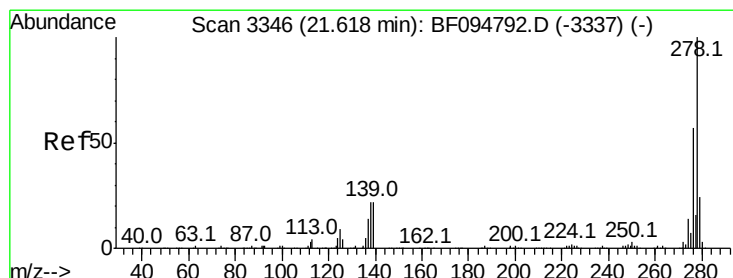
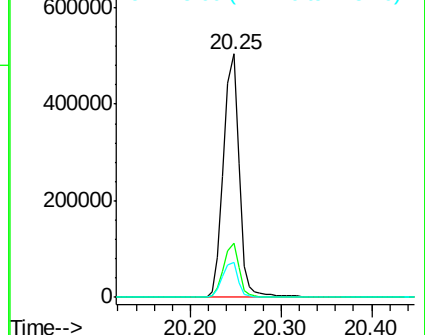
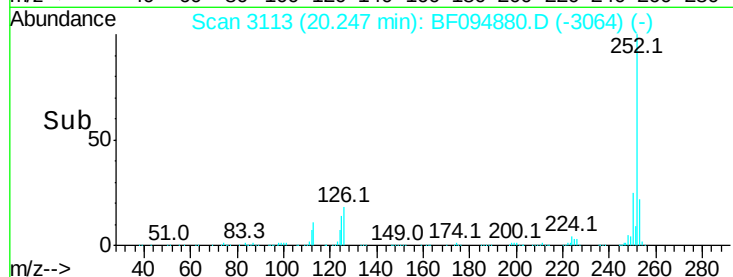
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.3	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.86 ng

RT: 21.60 min Scan# 3343

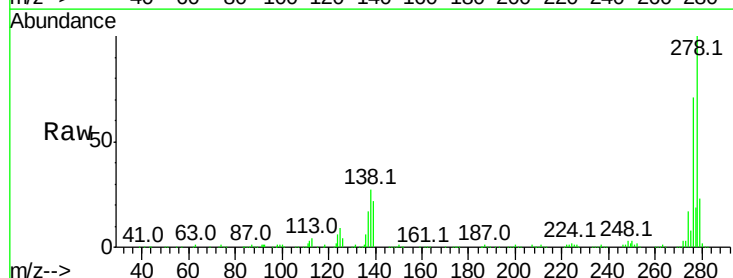
Delta R.T. -0.02 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Tgt Ion:278 Resp: 461043

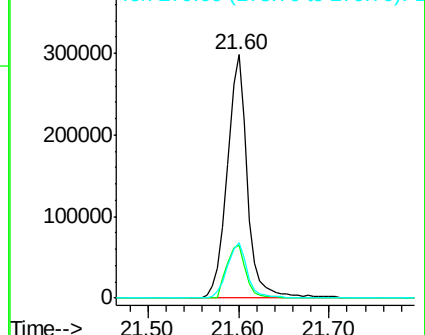
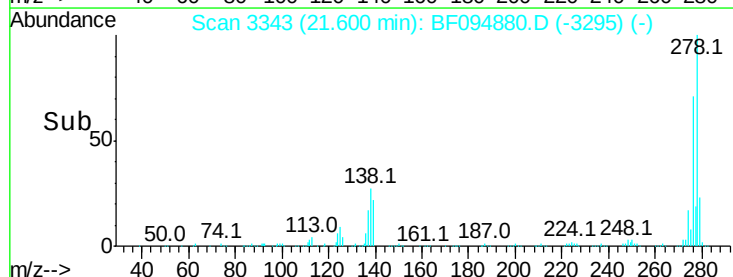
Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.0	19.3	28.9

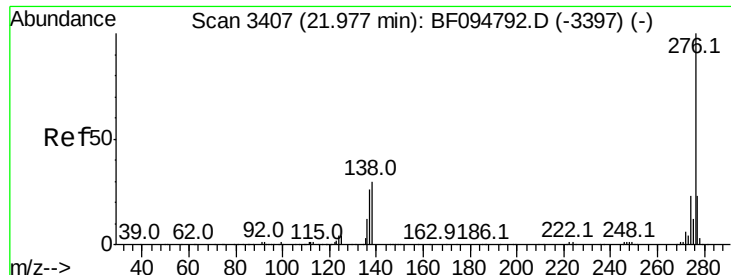


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.37 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094880.D

Acq: 4 May 2017 18:30

Instrument :

BNA_F

ClientSampleId :

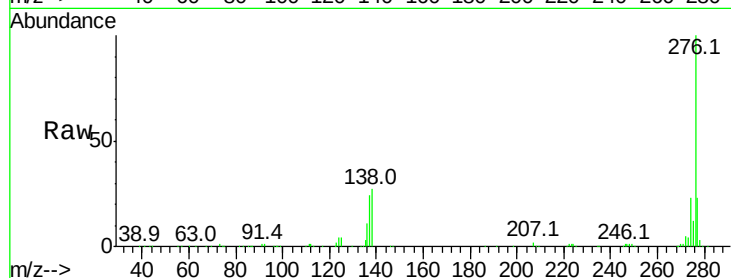
Tot Ion: 276 Resp: 415556

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 26.6 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

