

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095009.D
 Acq On : 9 May 2017 7:18
 Operator : SJ/MA
 Sample : PB98739BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 07:46:53 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	104940	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	399276	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	183147	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	280291	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	215176	20.00	ng	-0.02
86) Perylene-d12	20.30	264	146735	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	783879	124.54	ng	0.00
7) Phenol-d6	7.27	99	946687	125.35	ng	-0.01
23) Nitrobenzene-d5	8.62	82	557330	88.02	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	189123	126.09	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1040362	81.76	ng	-0.02
78) Terphenyl-d14	17.29	244	789796	80.84	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	94720	30.68	ng	95
3) Pyridine	2.82	79	238801	33.38	ng	98
4) n-Nitrosodimethylamine	2.74	42	114667	38.45	ng	82
6) Aniline	7.22	93	256498	26.90	ng	94
8) 2-Chlorophenol	7.41	128	308514	43.06	ng	94
9) Benzaldehyde	7.04	77	36987	8.02	ng	96
10) Phenol	7.28	94	330785	41.56	ng	91
11) bis(2-Chloroethyl)ether	7.35	93	269194	40.97	ng	96
12) 1,3-Dichlorobenzene	7.62	146	328865	40.47	ng	99
13) 1,4-Dichlorobenzene	7.75	146	335638	40.72	ng	96
14) 1,2-Dichlorobenzene	7.98	146	319330	41.51	ng	97
15) Benzyl Alcohol	8.00	79	237892	48.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	347108	37.33	ng	53
17) 2-Methylphenol	8.21	107	239827	40.91	ng	# 90
18) Hexachloroethane	8.50	117	100946	36.16	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	203629	39.87	ng	92
20) 3+4-Methylphenols	8.47	107	324254	40.70	ng	# 62
22) Acetophenone	8.39	105	415846	43.41	ng	# 84
24) Nitrobenzene	8.65	77	293839	44.27	ng	95
25) Isophorone	9.05	82	514986	45.55	ng	97
26) 2-Nitrophenol	9.15	139	162854	45.47	ng	99
27) 2,4-Dimethylphenol	9.29	122	265195	45.80	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	341491	43.66	ng	97
29) 2,4-Dichlorophenol	9.57	162	238825	43.68	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	240663	41.09	ng	97
31) Naphthalene	9.77	128	819609	40.84	ng	99
32) Benzoic acid	9.61	122	139911	37.99	ng	97
33) 4-Chloroaniline	9.92	127	70347	9.41	ng	97
34) Hexachlorobutadiene	9.99	225	122867	39.76	ng	96
35) Caprolactam	10.53	113	46171	28.12	ng	# 87
36) 4-Chloro-3-methylphenol	10.77	107	250893	42.92	ng	91
37) 2-Methylnaphthalene	10.90	142	584532	44.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	230107	40.86	ng	99
40) Hexachlorocyclopentadiene	11.15	237	83243	38.55	ng	98

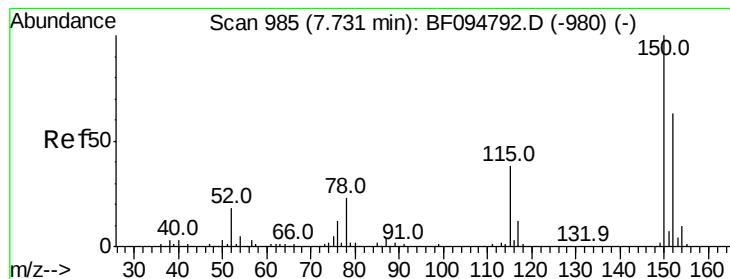
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	155206	41.27	nq	96
43) 2,4,5-Trichlorophenol	11.48	196	160455	39.70	nq	# 92
45) 1,1'-Biphenyl	11.66	154	635455	41.21	nq	98
46) 2-Chloronaphthalene	11.68	162	498341	40.02	nq	95
47) 2-Nitroaniline	11.89	65	142843	41.92	nq	# 77
48) Acenaphthylene	12.34	152	835510	42.84	nq	98
49) Dimethylphthalate	12.21	163	618803	41.16	nq	99
50) 2,6-Dinitrotoluene	12.30	165	134511	43.85	nq	97
51) Acenaphthene	12.62	154	480006	41.21	nq	99
52) 3-Nitroaniline	12.57	138	70344	21.37	nq	91
53) 2,4-Dinitrophenol	12.77	184	56365	37.00	nq	# 66
54) Dibenzofuran	12.91	168	736950	45.72	nq	98
55) 4-Nitrophenol	12.95	139	153685	77.72	nq	# 75
56) 2,4-Dinitrotoluene	12.97	165	171978	43.63	nq	# 90
57) Fluorene	13.46	166	583598	41.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	128313	50.44	nq	# 94
59) Diethylphthalate	13.36	149	597086	41.43	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	259449	42.12	nq	91
61) 4-Nitroaniline	13.57	138	119933	39.68	nq	97
62) Azobenzene	13.74	77	545008	47.06	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	45993	24.48	nq	# 68
65) n-Nitrosodiphenylamine	13.69	169	510911	50.22	nq	100
66) 4-Bromophenyl-phenylether	14.27	248	130386	44.03	nq	99
67) Hexachlorobenzene	14.35	284	126969	41.84	nq	# 91
68) Atrazine	14.61	200	132536	46.14	nq	97
69) Pentachlorophenol	14.71	266	105625	77.20	nq	98
70) Phenanthrene	15.01	178	702943	43.65	nq	98
71) Anthracene	15.09	178	729669	44.36	nq	97
72) Carbazole	15.37	167	660548	44.13	nq	97
73) Di-n-butylphthalate	15.94	149	857738	45.95	nq	99
74) Fluoranthene	16.75	202	676571	40.95	nq	98
76) Benzidine	16.97	184	387857	64.09	nq	# 92
77) Pyrene	17.05	202	692157	43.01	nq	99
79) Butylbenzylphthalate	17.95	149	339531	45.36	nq	91
80) Benzo(a)anthracene	18.62	228	546810	43.66	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	172291	39.83	nq	# 95
82) Chrysene	18.67	228	517575	42.74	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	477072	44.73	nq	# 100
84) Di-n-octyl phthalate	19.47	149	753550	43.10	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	377394	38.38	nq	99
87) Benzo(b)fluoranthene	19.89	252	412822	45.53	nq	98
88) Benzo(k)fluoranthene	19.92	252	431142	49.30	nq	# 95
89) Benzo(a)pyrene	20.24	252	391704	46.82	nq	98
90) Dibenzo(a,h)anthracene	21.60	278	322353	46.65	nq	98
91) Benzo(g,h,i)perylene	21.96	276	323449	47.70	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampled :

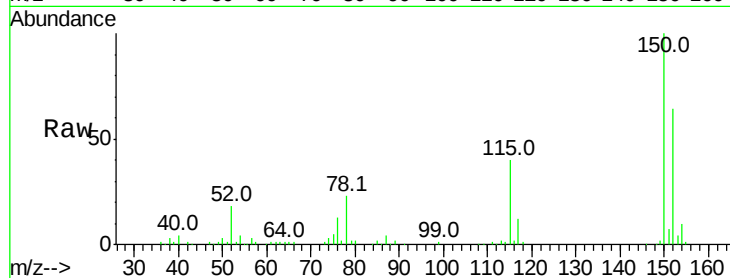
Tot Ion:152 Resp: 104940

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

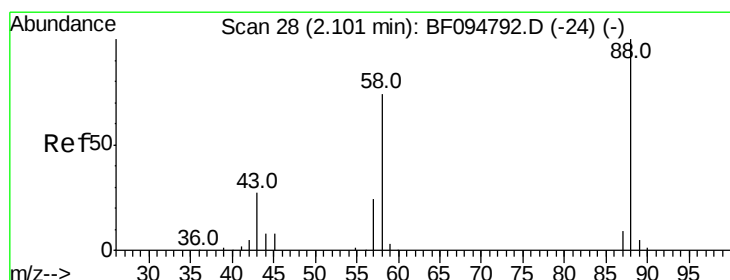
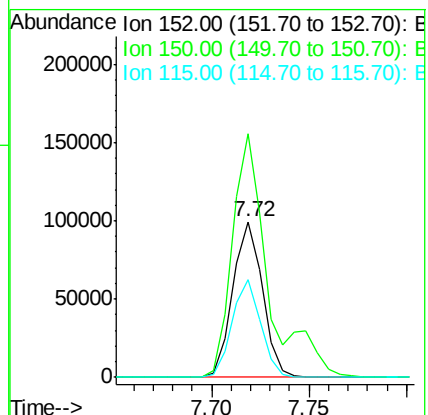
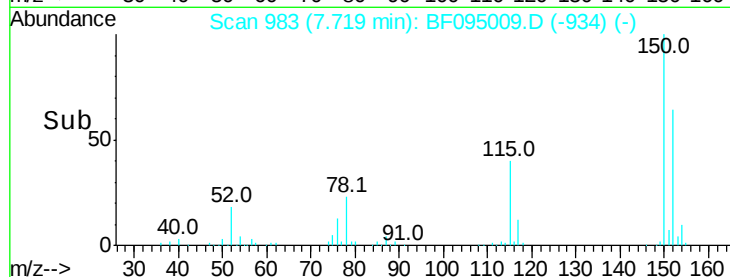
115 62.9 52.2 78.2



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: 30.68 ng

RT: 2.14 min Scan# 35

Delta R.T. 0.04 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

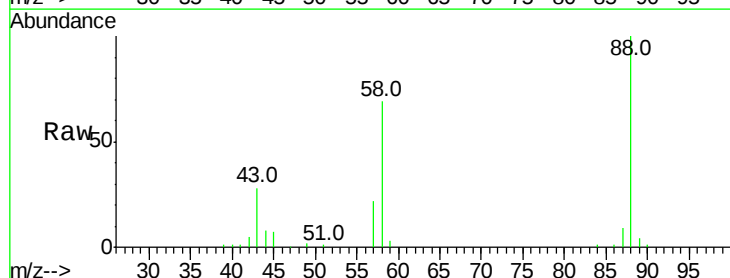
Tgt Ion: 88 Resp: 94720

Ion Ratio Lower Upper

88 100

58 72.4 61.4 92.0

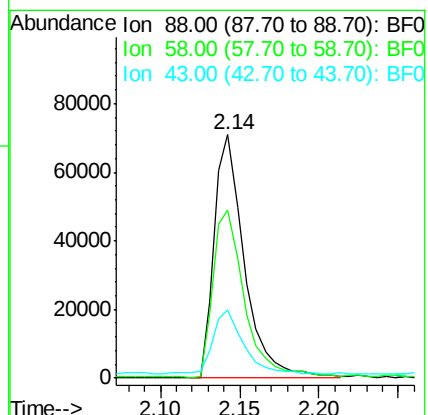
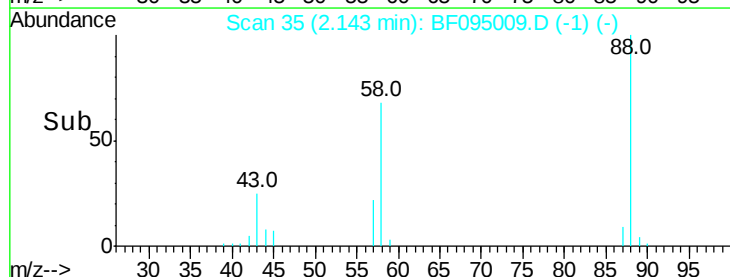
43 26.5 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.38 ng

RT: 2.82 min Scan# 150

Delta R.T. 0.06 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

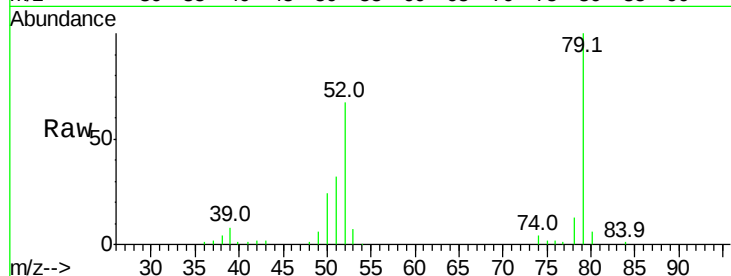
Tot Ion: 79 Resp: 238801

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

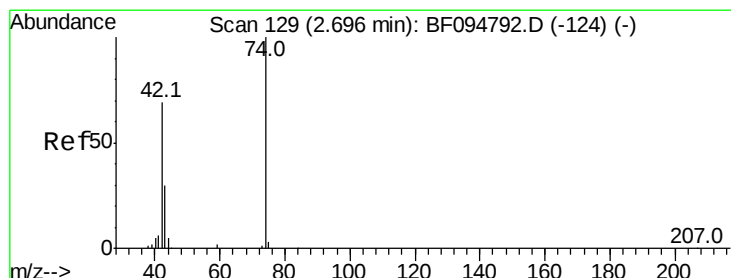
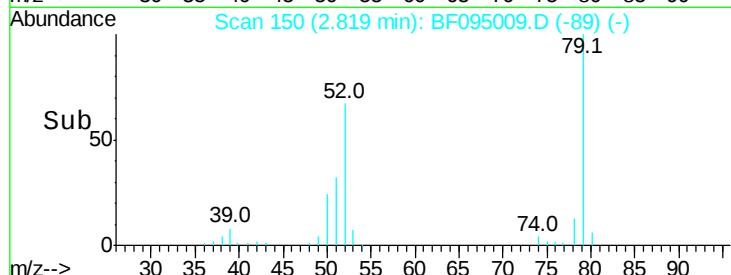
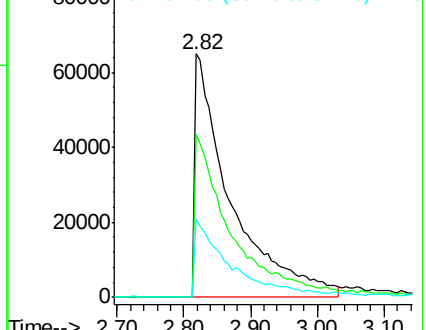
51 32.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.45 ng

RT: 2.74 min Scan# 137

Delta R.T. 0.05 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

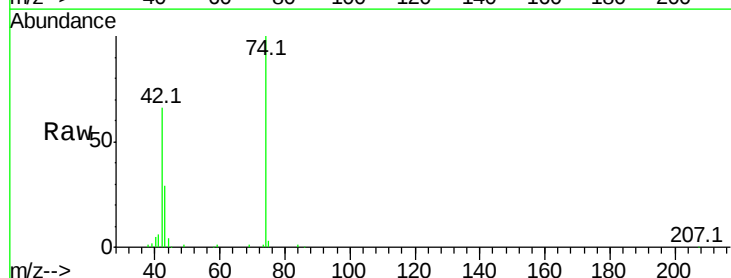
Tgt Ion: 42 Resp: 114667

Ion Ratio Lower Upper

42 100

74 152.2 103.9 155.9

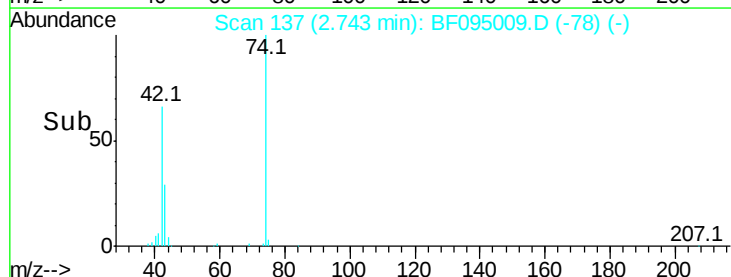
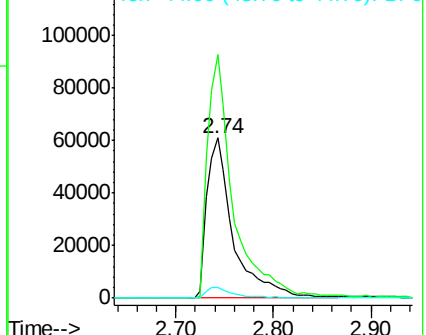
44 6.3 5.7 8.5

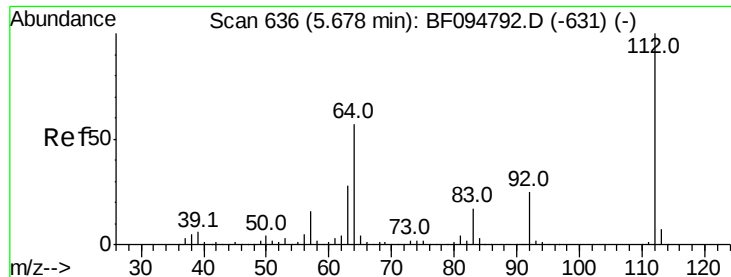


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.54 ng

RT: 5.67 min Scan# 635

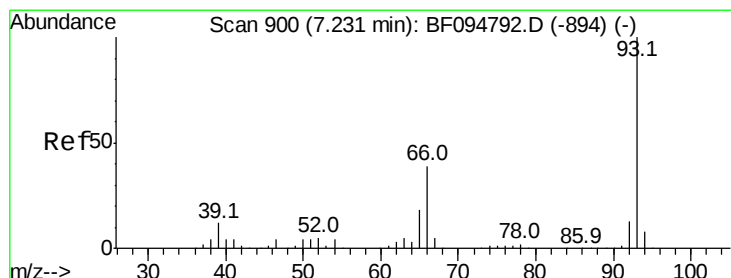
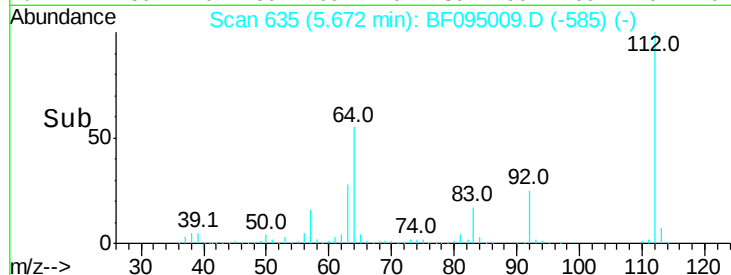
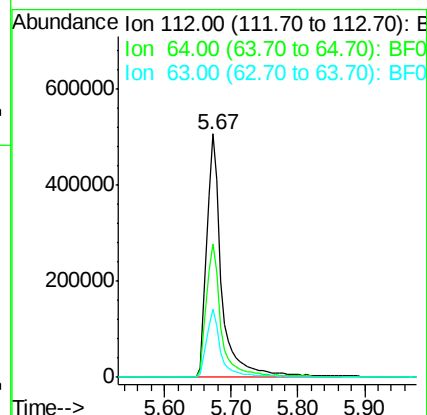
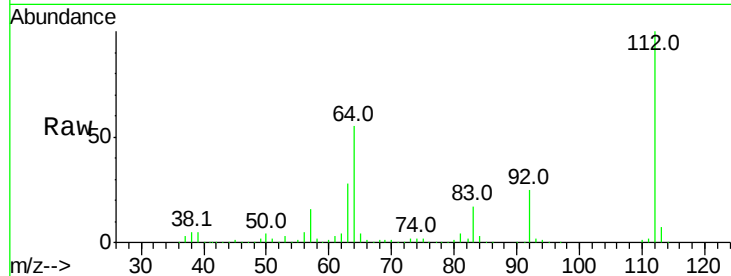
Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	783879
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.9	23.4	35.0



#6

Aniline

Concen: 26.90 ng

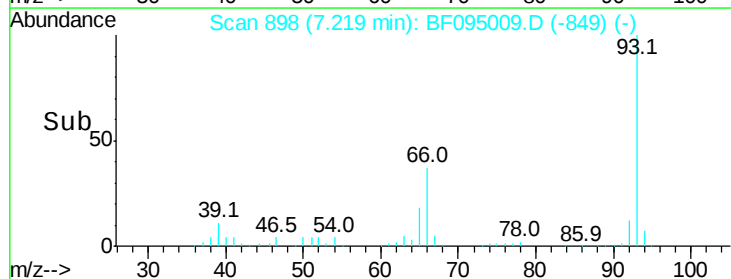
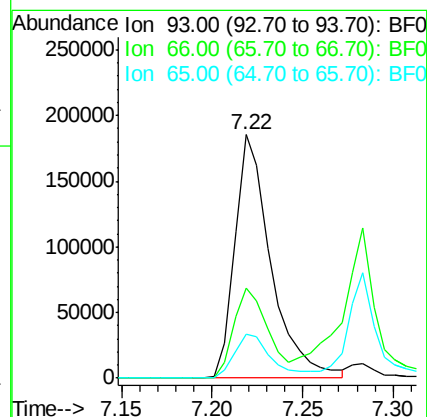
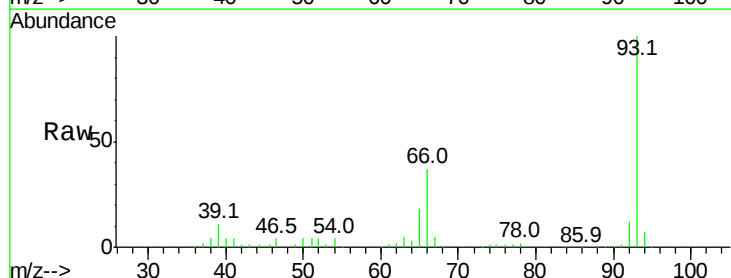
RT: 7.22 min Scan# 898

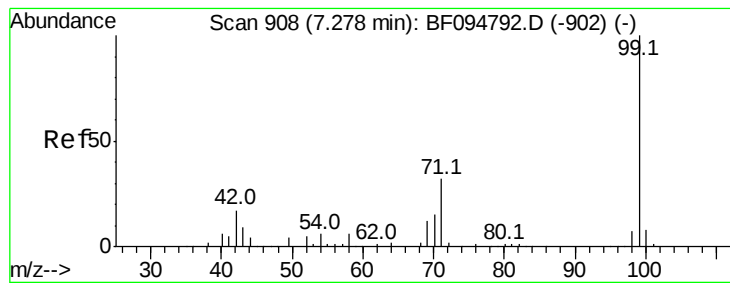
Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Tgt Ion:	93	Resp:	256498
Ion	Ratio	Lower	Upper
93	100		
66	36.9	32.9	49.3
65	18.1	16.0	24.0





#7

Phenol-d6

Concen: 125.35 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

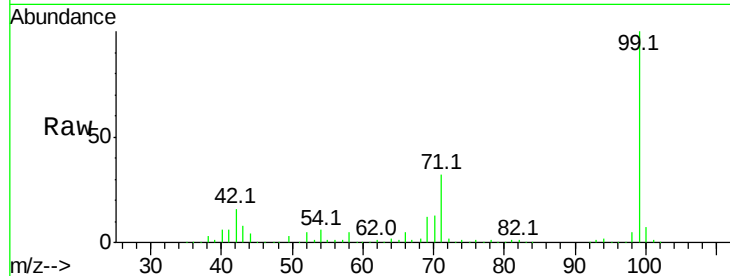
Tot Ion: 99 Resp: 946687

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

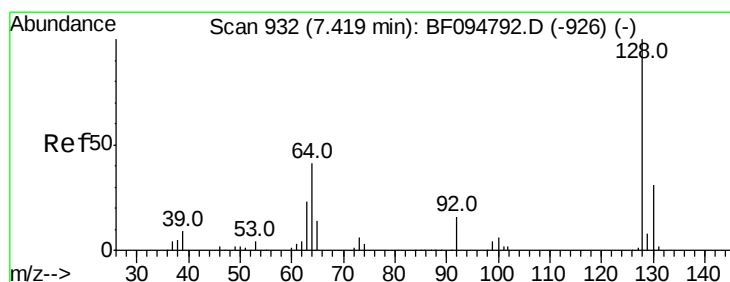
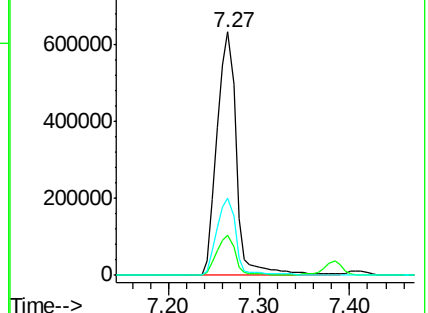
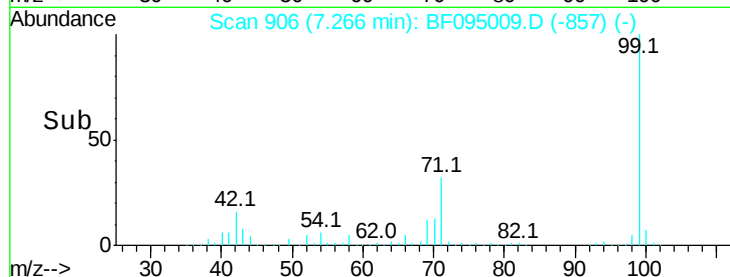
71 31.6 24.5 36.7



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: 43.06 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

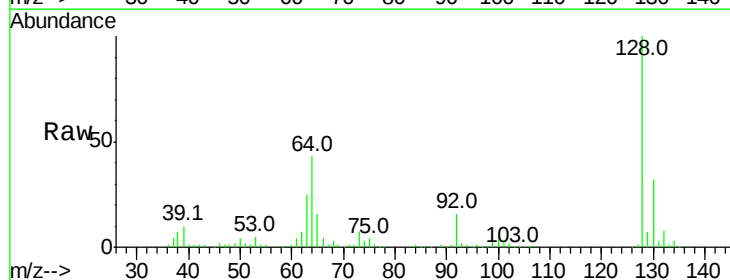
Tgt Ion: 128 Resp: 308514

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

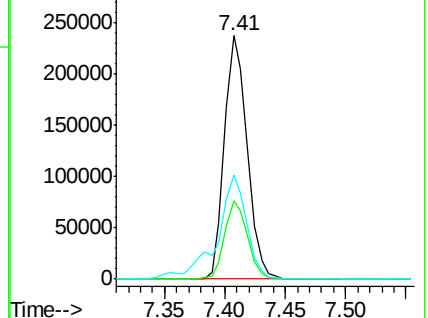
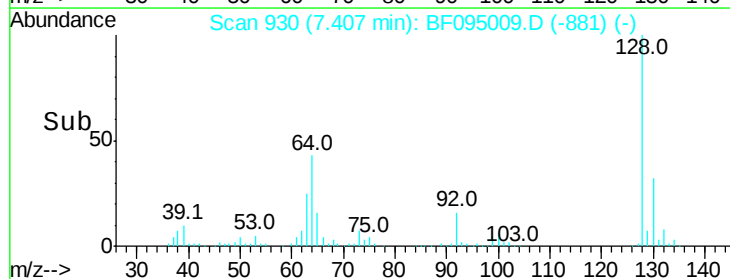
64 42.8 28.4 68.4

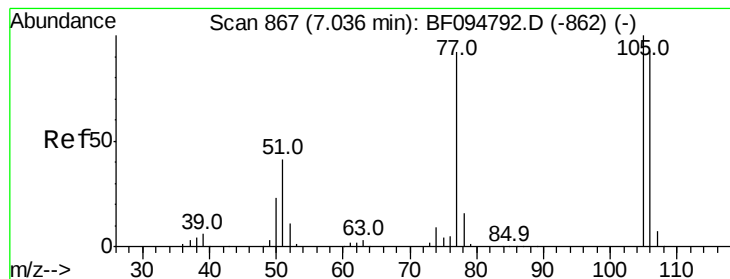


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.02 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampled :

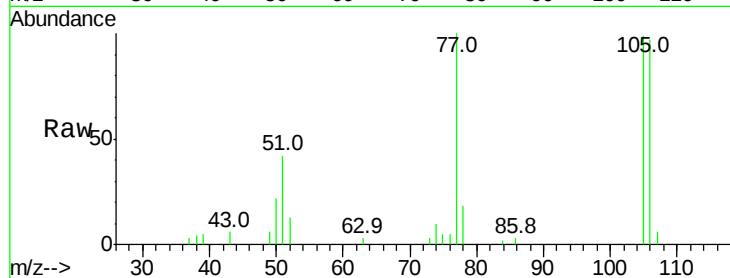
Tot Ion: 77 Resp: 36987

Ion Ratio Lower Upper

77 100

105 98.7 83.8 123.8

106 96.5 79.1 119.1

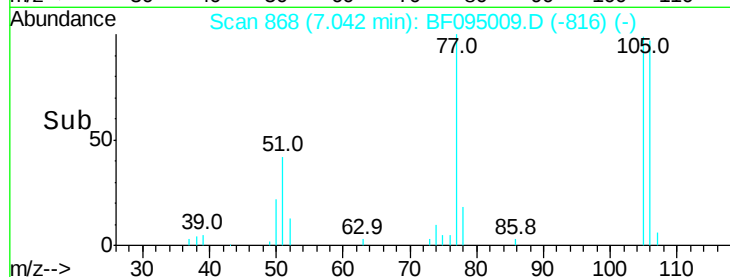


Abundance Ion 77.00 (76.70 to 77.70): BF0

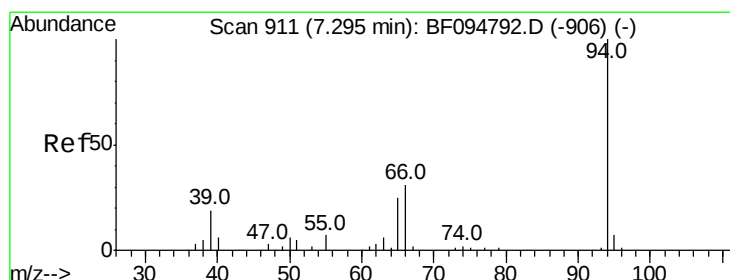
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

Time-->



Time-->



#10

Phenol

Concen: 41.56 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

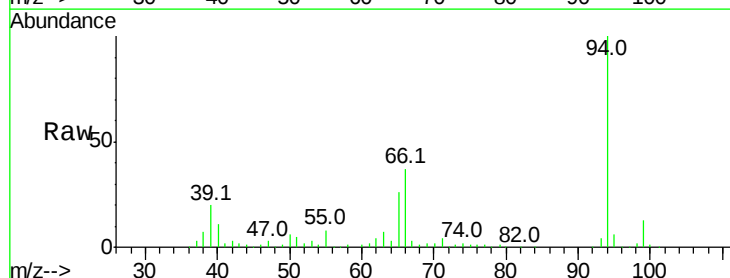
Tgt Ion: 94 Resp: 330785

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

66 36.7 23.1 63.1

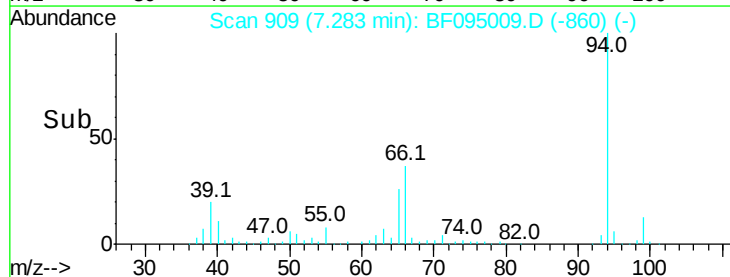


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Time-->



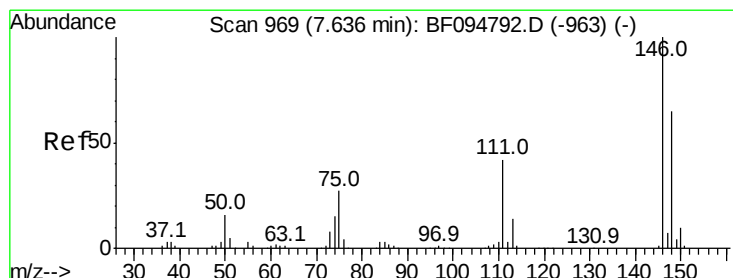
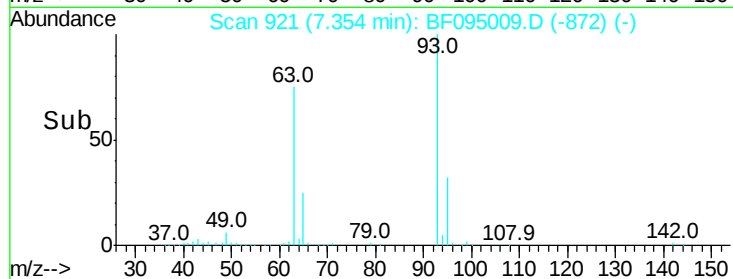
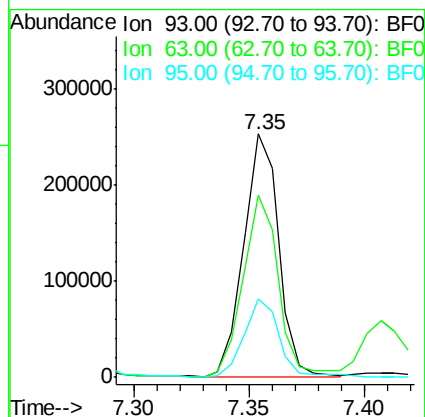
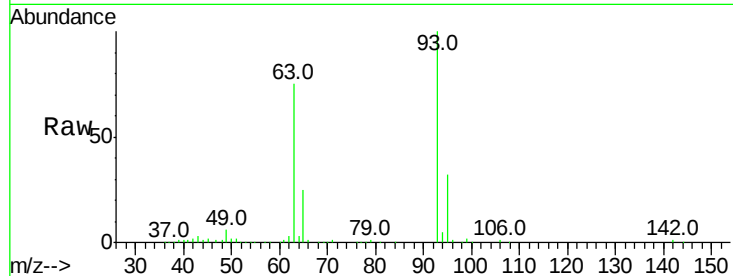
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 40.97 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

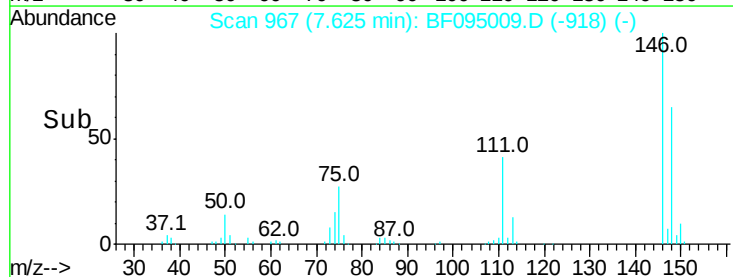
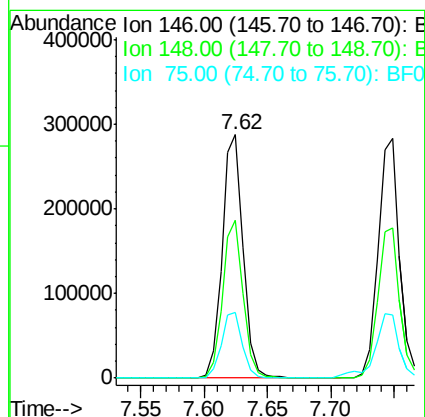
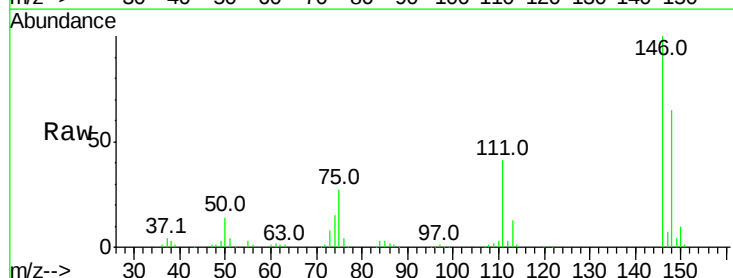
Instrument :
BNA_F
ClientSampleId :

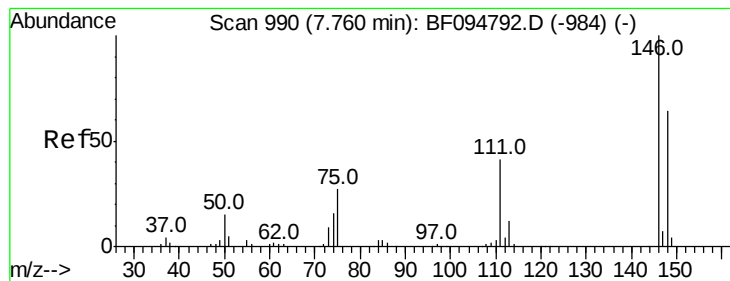
Tot Ion: 93 Resp: 269194
Ion Ratio Lower Upper
93 100
63 74.7 59.2 99.2
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.47 ng
RT: 7.62 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion: 146 Resp: 328865
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.6
75 27.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.72 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

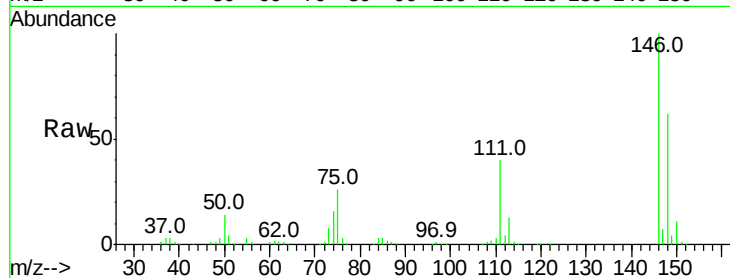
Tot Ion:146 Resp: 335638

Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

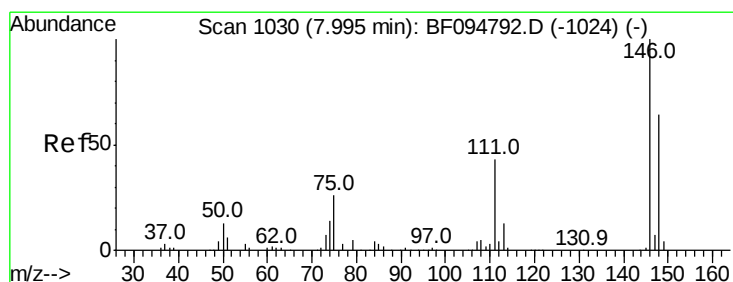
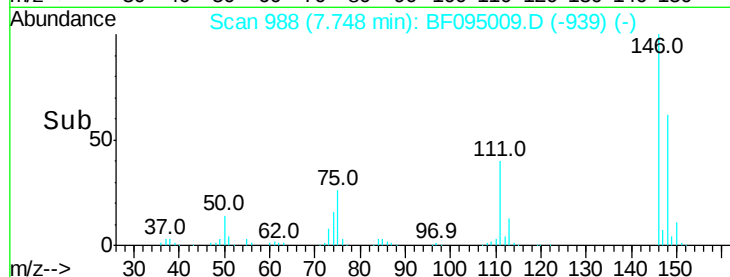
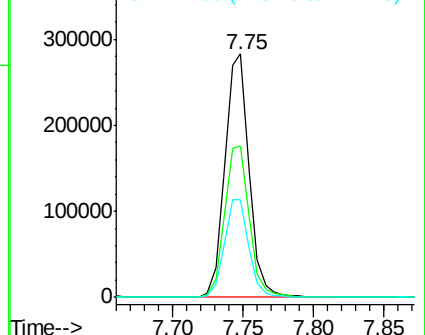
111 40.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.51 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

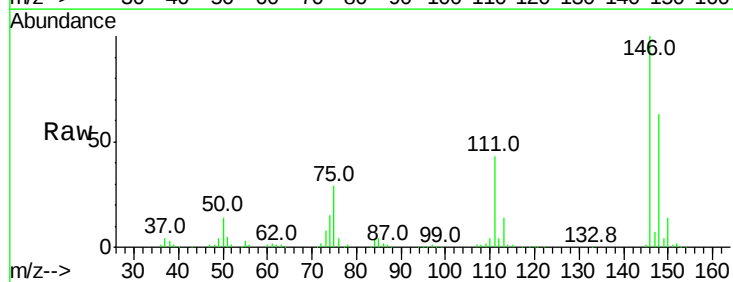
Tgt Ion:146 Resp: 319330

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

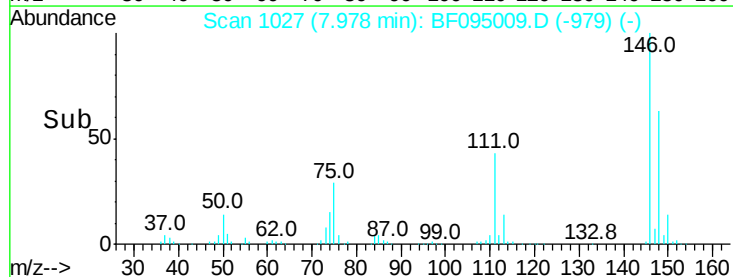
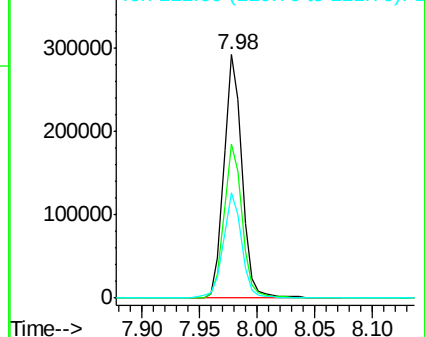
111 43.1 38.2 57.4

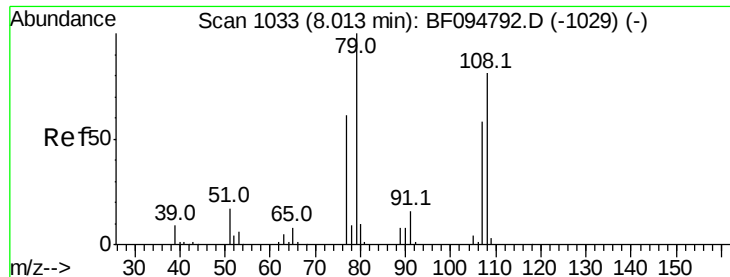


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

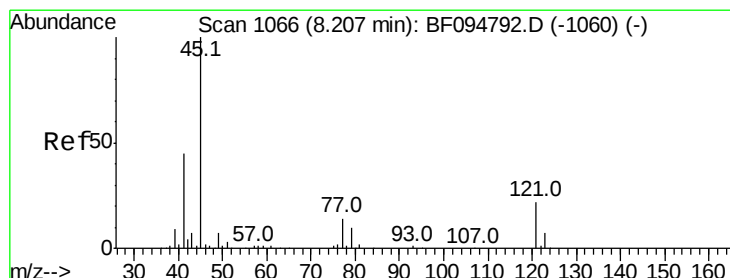
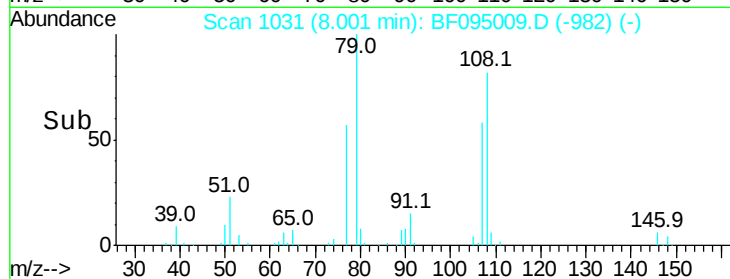
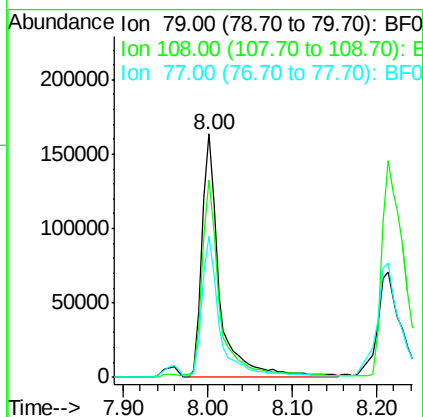
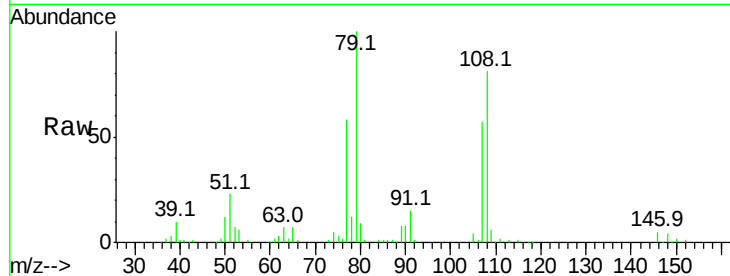




#15
Benzyl Alcohol
Concen: 48.97 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

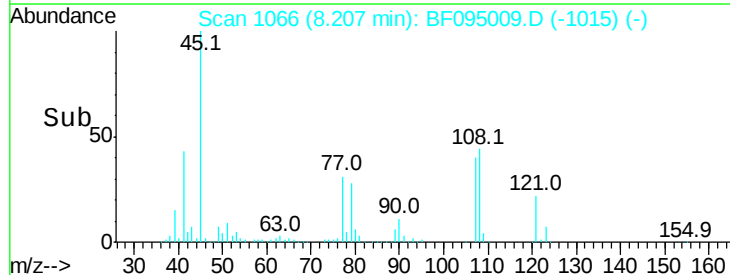
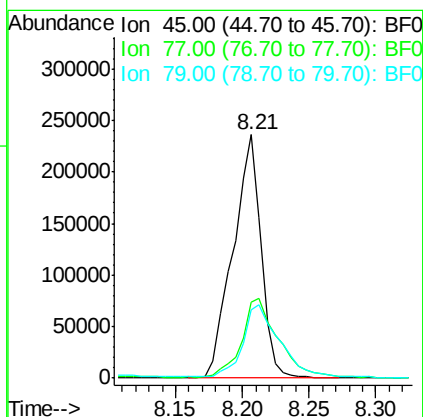
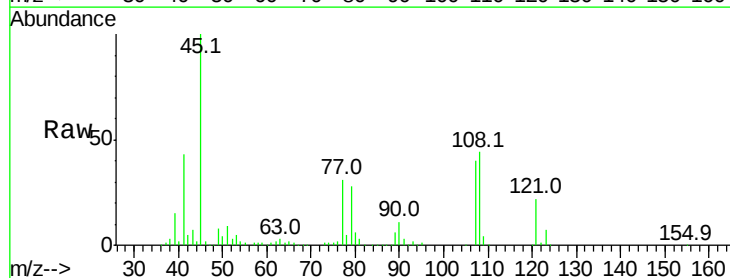
Instrument :
BNA_F
ClientSampleId :

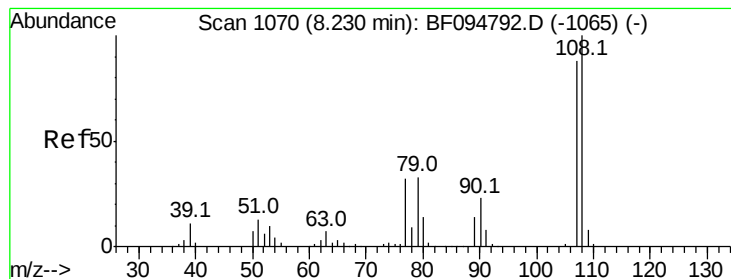
Tot Ion: 79 Resp: 237892
Ion Ratio Lower Upper
79 100
108 81.0 63.4 95.0
77 57.8 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.33 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion: 45 Resp: 347108
Ion Ratio Lower Upper
45 100
77 31.1 0.0 33.2
79 28.3 0.0 30.0

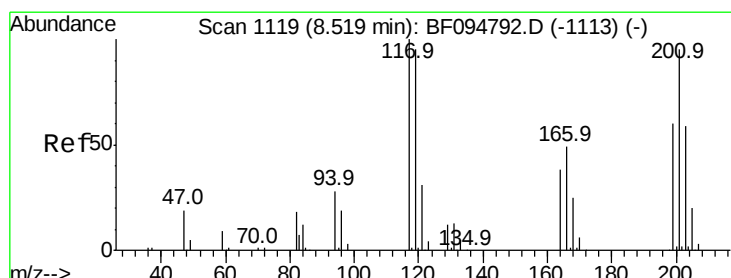
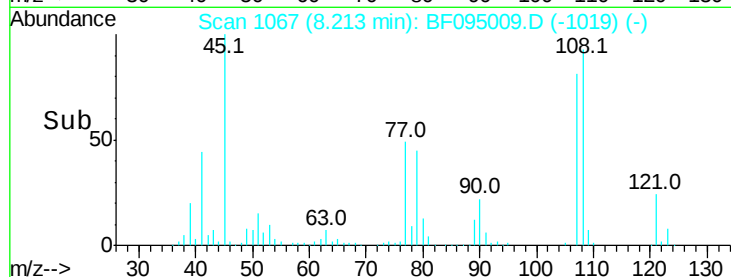
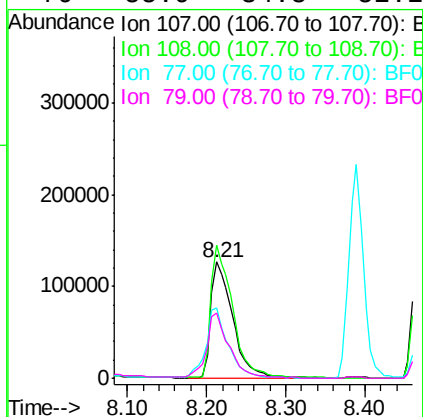
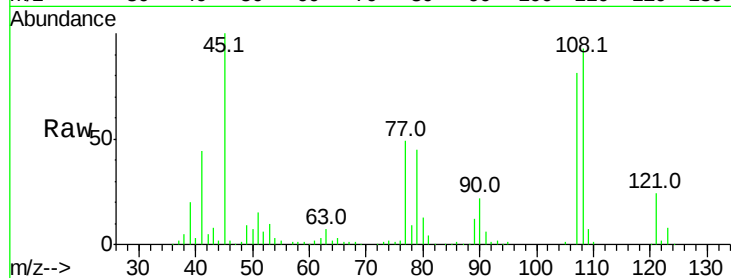




#17
 2-Methylphenol
 Concen: 40.91 ng
 RT: 8.21 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

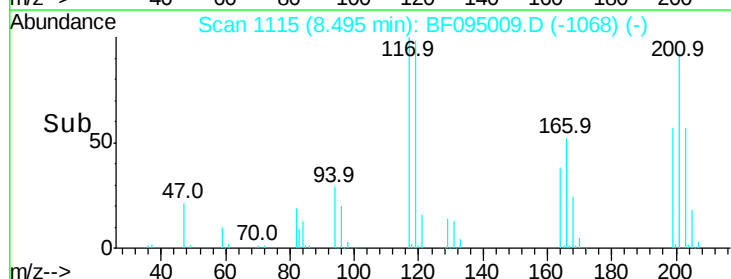
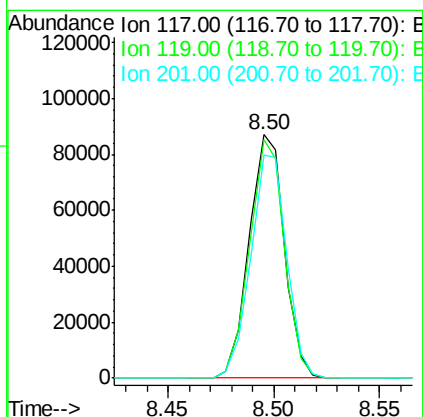
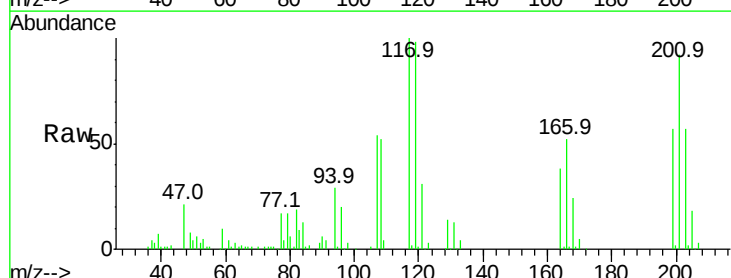
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:	107	Resp:	239827
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.4	140.0
77	60.8	35.8	53.6#
79	55.9	34.8	52.2#



#18
 Hexachloroethane
 Concen: 36.16 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion:	117	Resp:	100946
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	91.9	94.6	141.8#

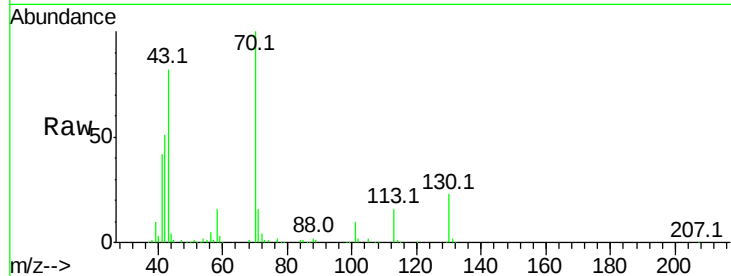




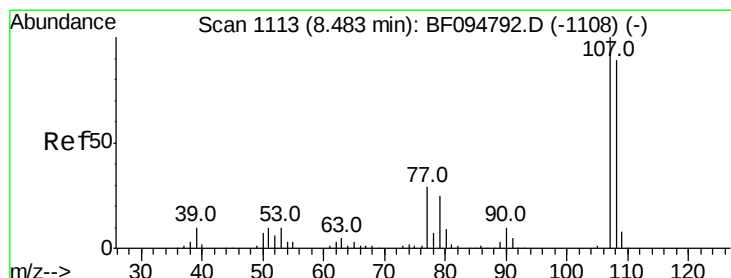
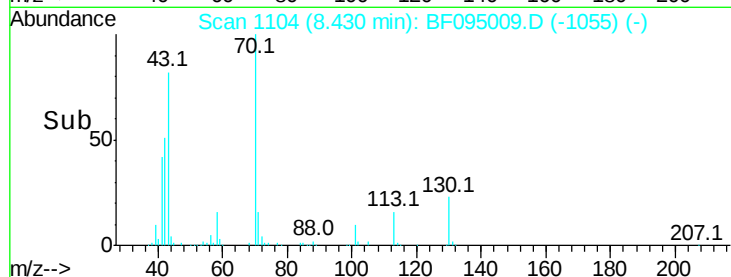
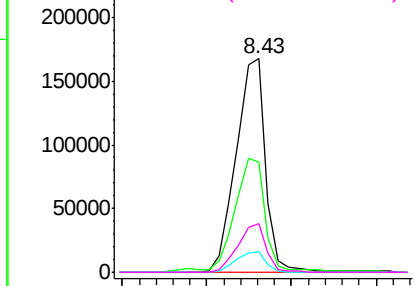
#19
n-Nitroso-di-n-propylamine
Concen: 39.87 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 203629
Ion Ratio Lower Upper
70 100
42 51.4 47.2 70.8
101 9.8 7.2 10.8
130 22.7 15.9 23.9

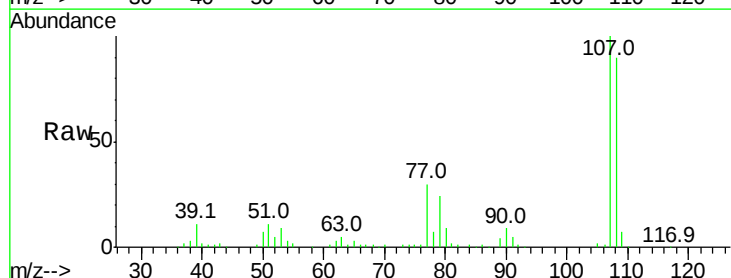


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

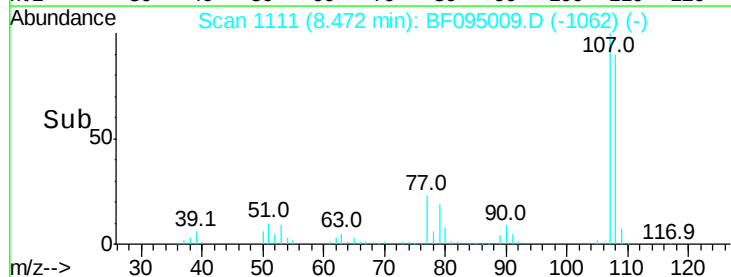
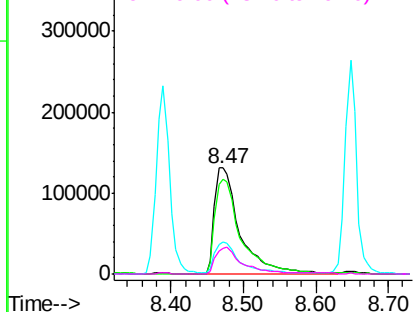


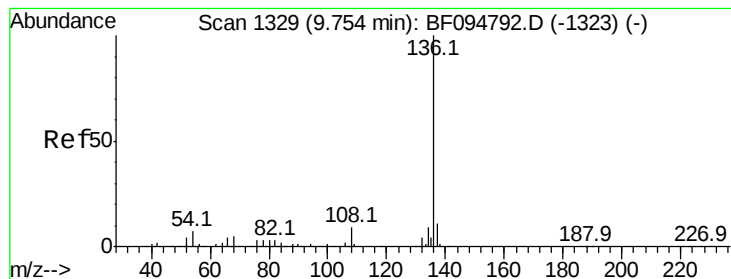
#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion: 107 Resp: 324254
Ion Ratio Lower Upper
107 100
108 90.1 71.0 111.0
77 29.9 90.5 130.5#
79 24.2 8.4 48.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 399276

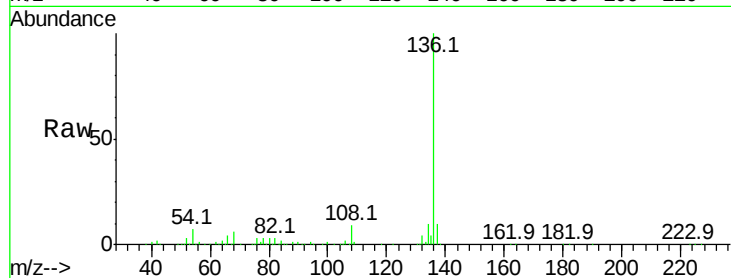
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

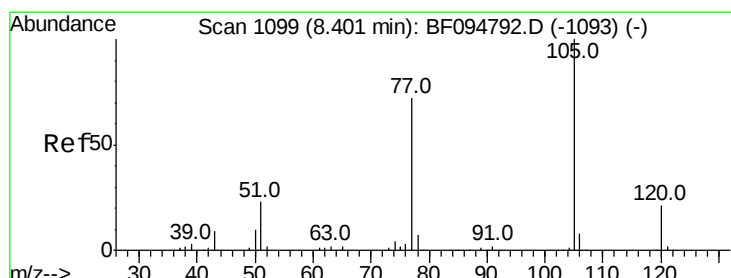
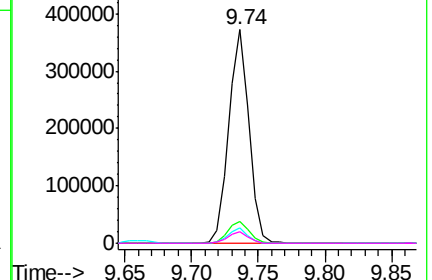
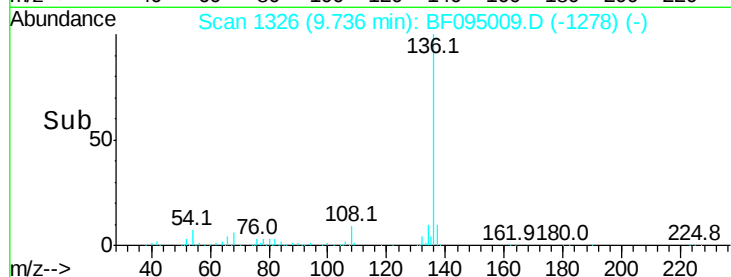


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.41 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Tgt Ion:105 Resp: 415846

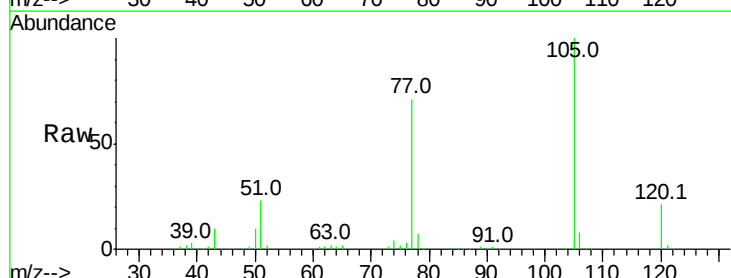
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.0 30.7 46.1#

120 21.5 17.4 26.0

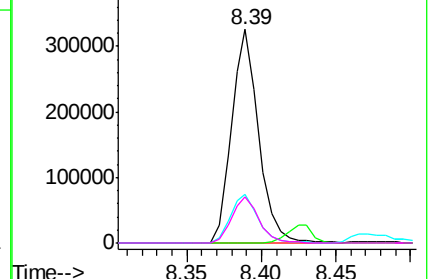
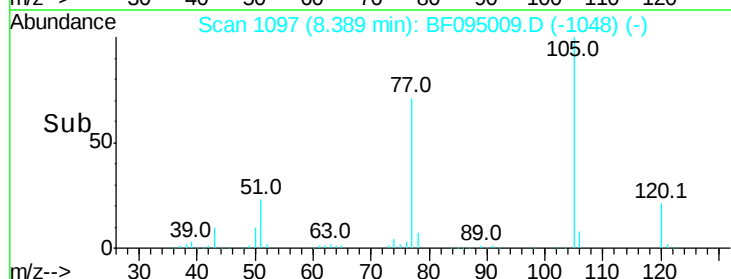


Abundance Ion 105.00 (104.70 to 105.70): E

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

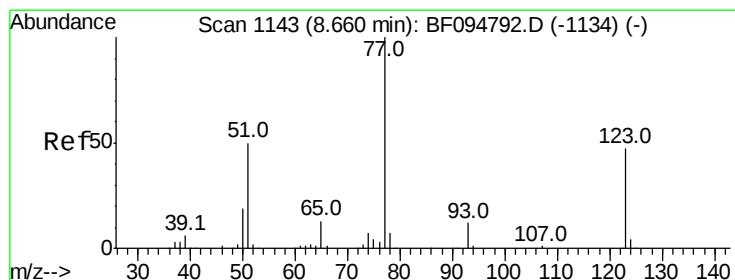
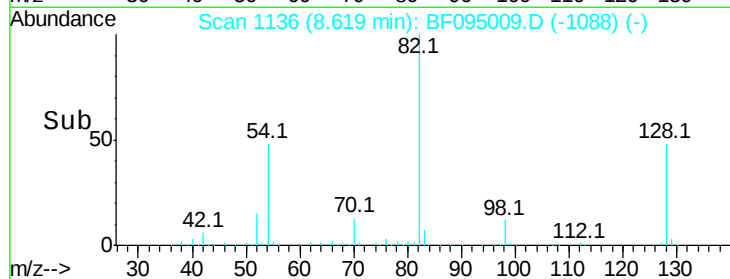
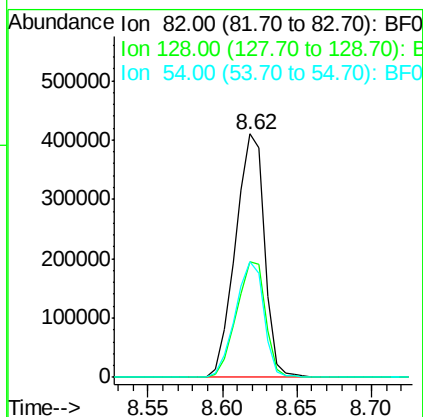
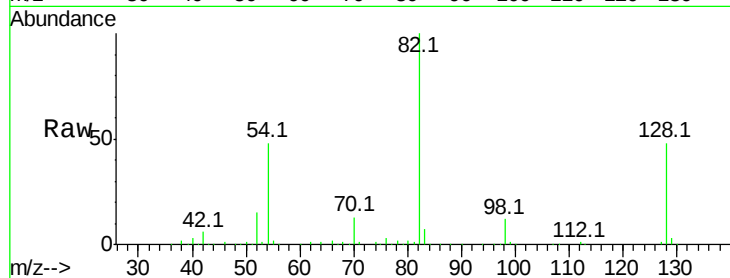




#23
 Nitrobenzene-d5
 Concen: 88.02 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

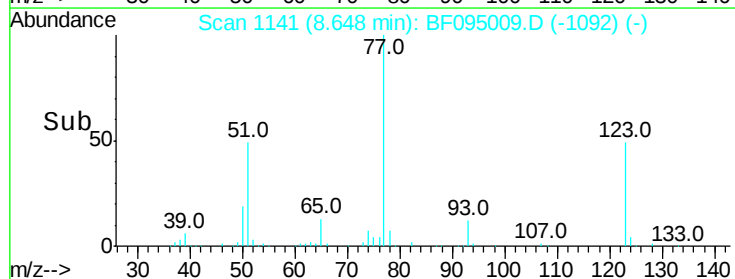
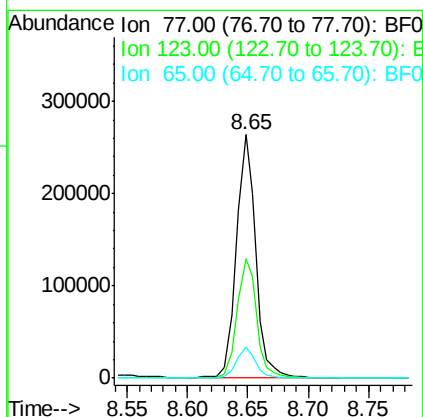
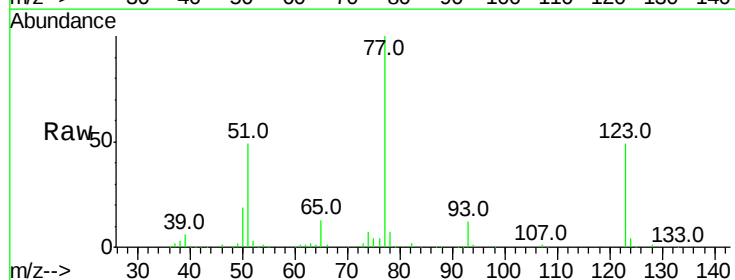
Instrument :
 BNA_F
 ClientSampleId :

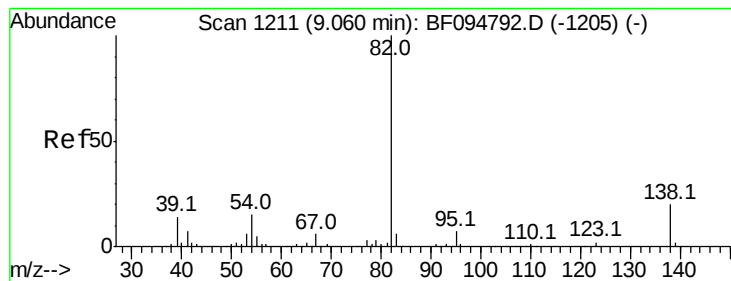
Tot Ion: 82 Resp: 557330
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 47.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 44.27 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion: 77 Resp: 293839
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 45.55 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampled :

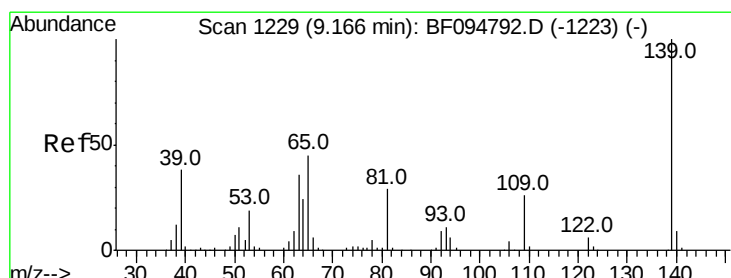
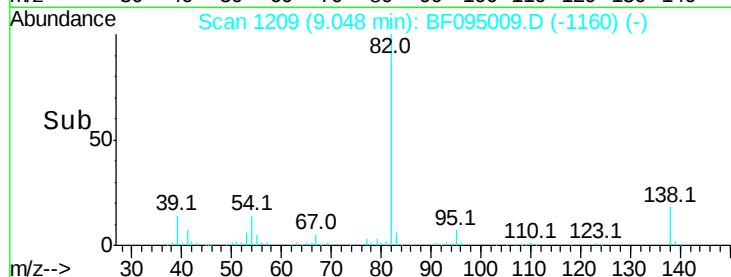
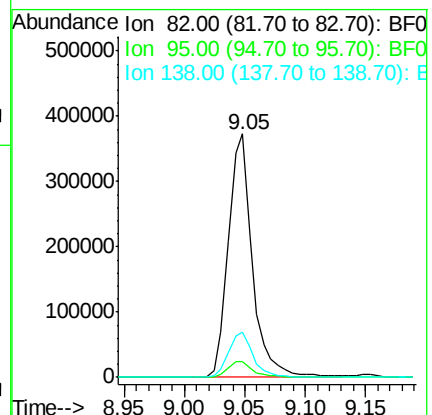
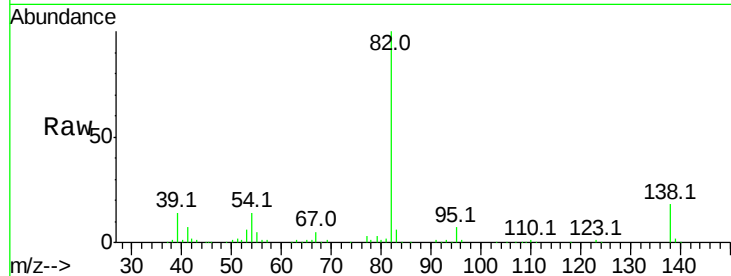
Tot Ion: 82 Resp: 514986

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 45.47 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

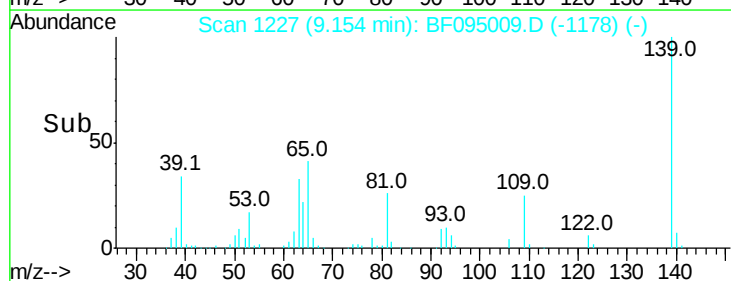
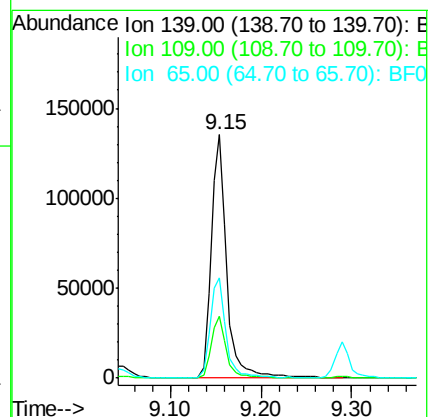
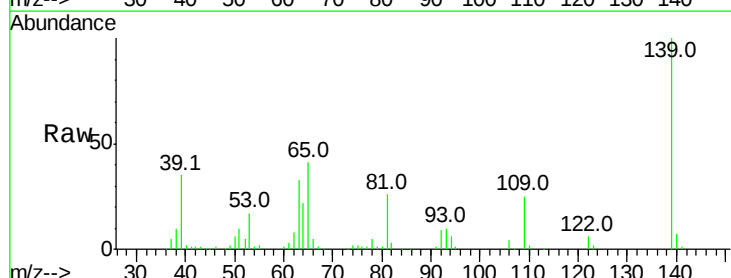
Tgt Ion: 139 Resp: 162854

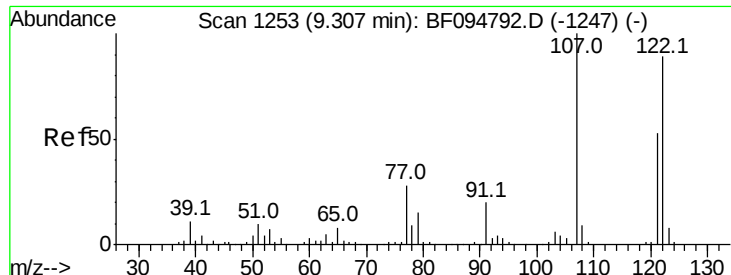
Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.6

65 41.3 33.0 49.6

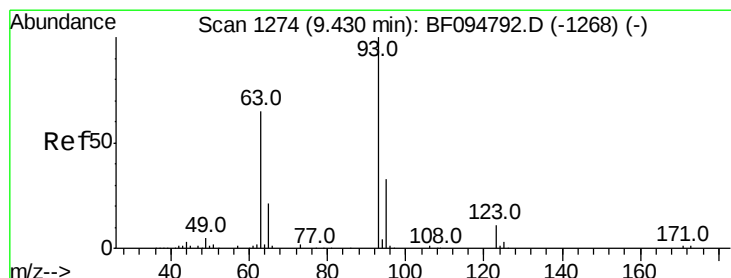
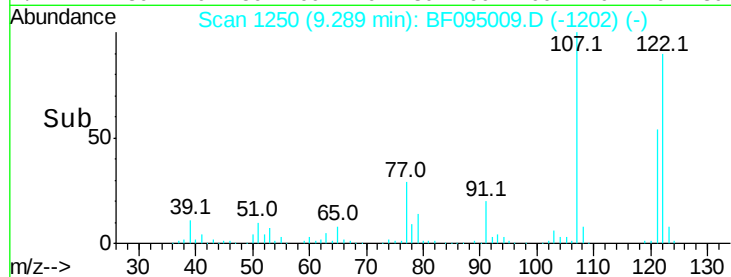
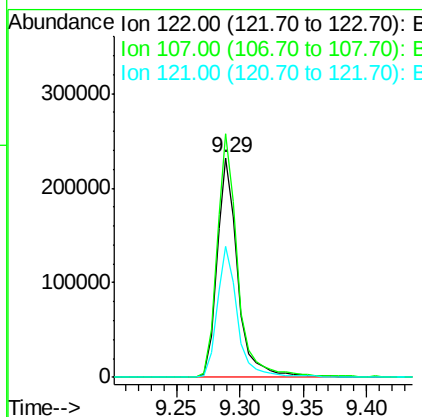
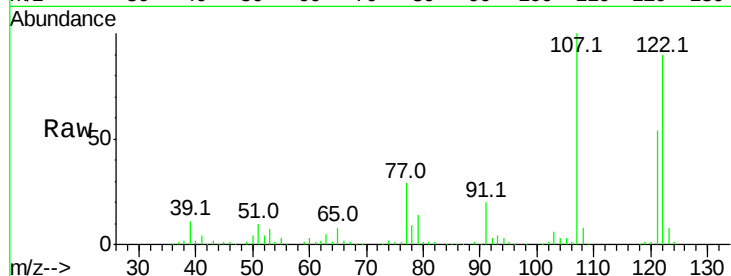




#27
 2,4-Dimethylphenol
 Concen: 45.80 ng
 RT: 9.29 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

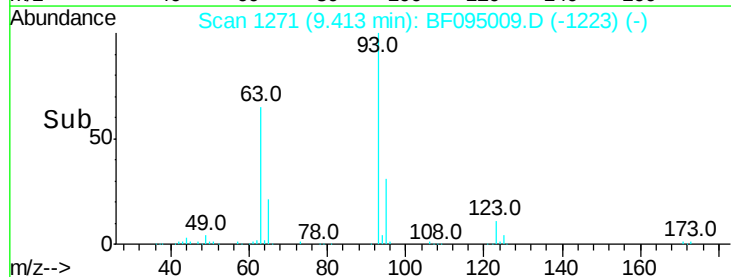
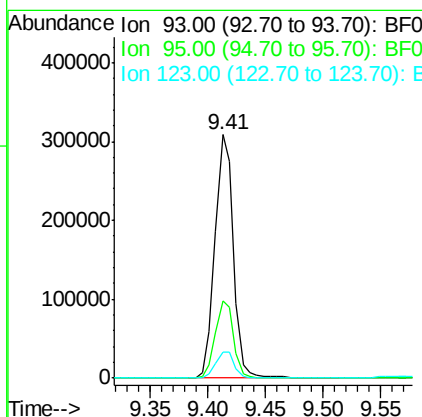
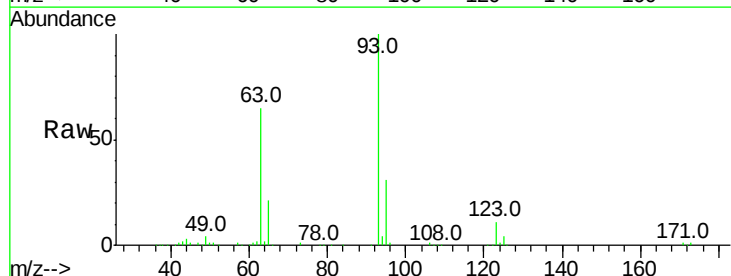
Instrument :
 BNA_F
 ClientSampleId :

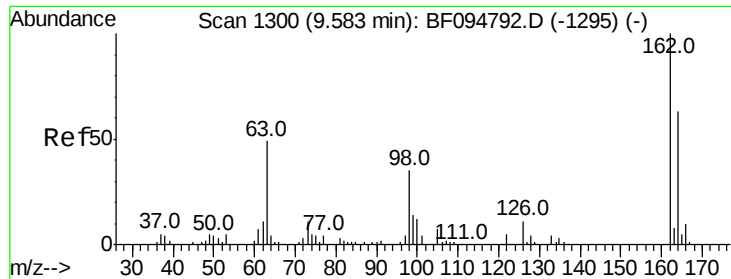
Tot Ion:	122	Resp:	265195
Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.2	133.8
121	59.7	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.66 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion:	93	Resp:	341491
Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.5	39.7
123	10.6	9.0	13.4

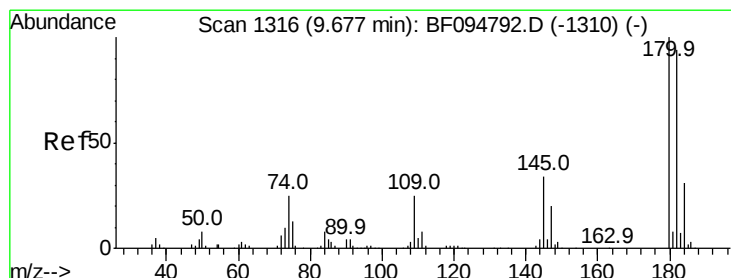
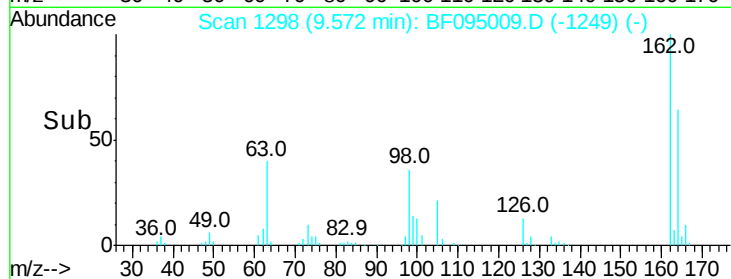
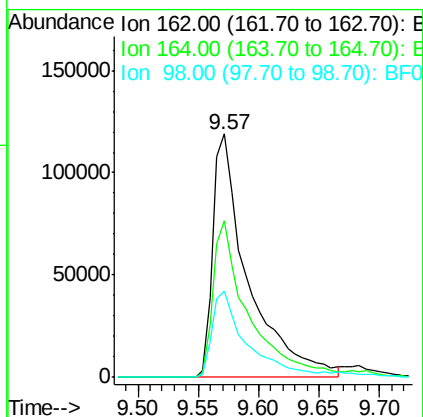
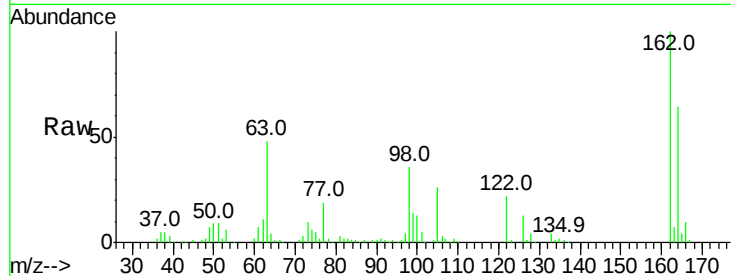




#29
 2,4-Dichlorophenol
 Concen: 43.68 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

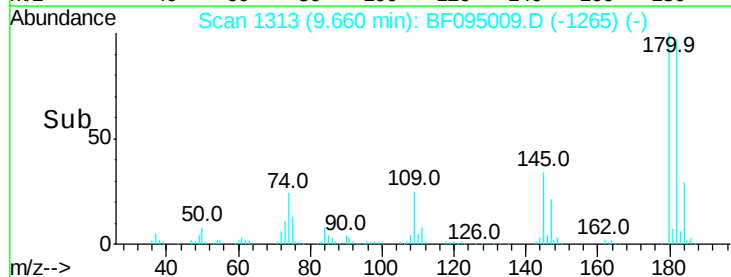
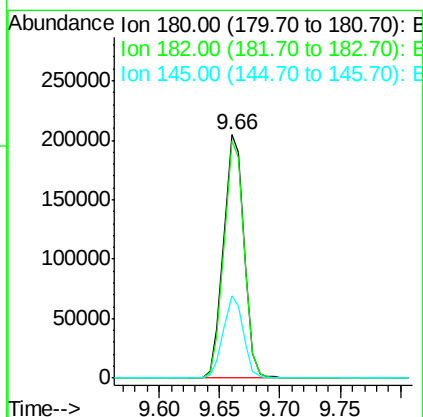
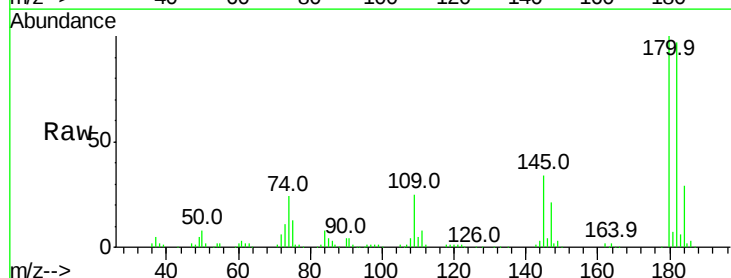
Instrument :
 BNA_F
 ClientSampleId :

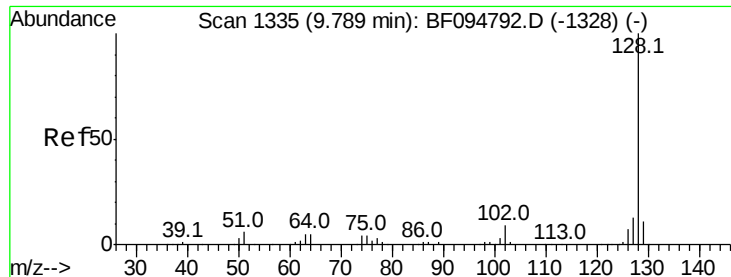
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	35.6	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.09 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.8	113.6
145	33.8	25.3	37.9

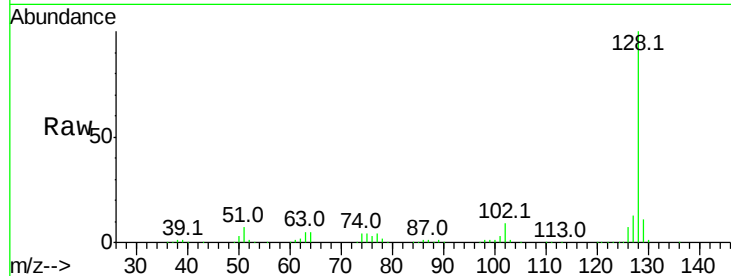




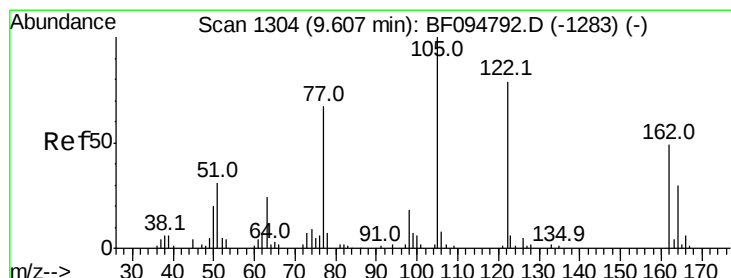
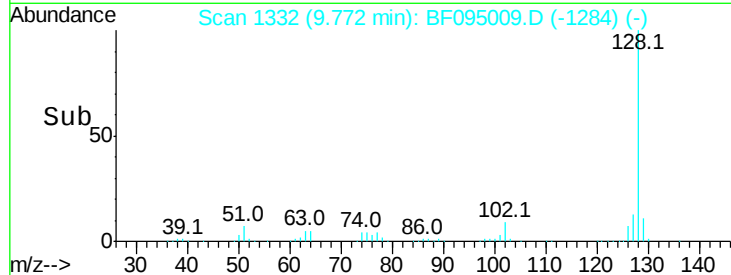
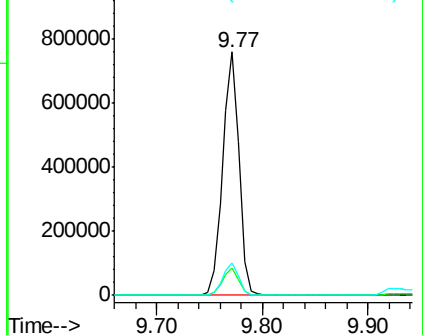
#31
Naphthalene
Concen: 40.84 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 819609
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2

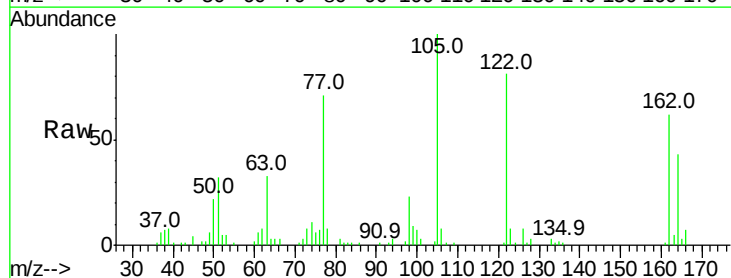


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

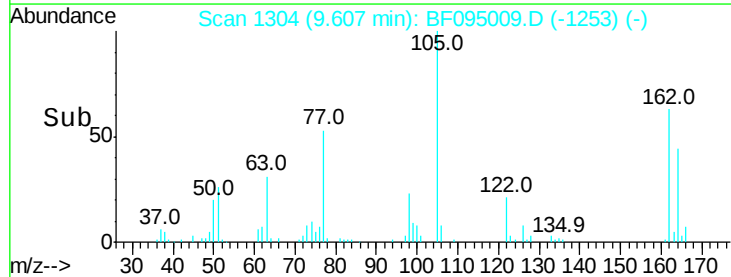
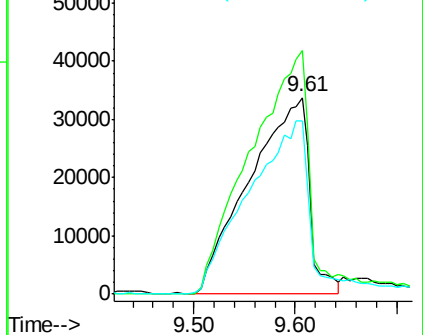


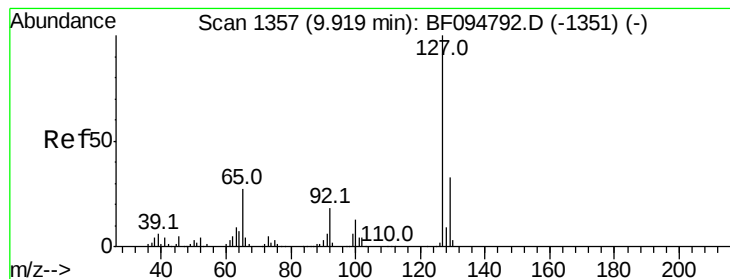
#32
Benzoic acid
Concen: 37.99 ng
RT: 9.61 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:122 Resp: 139911
Ion Ratio Lower Upper
122 100
105 124.0 103.3 143.3
77 88.5 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: 9.41 ng

RT: 9.92 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 70347

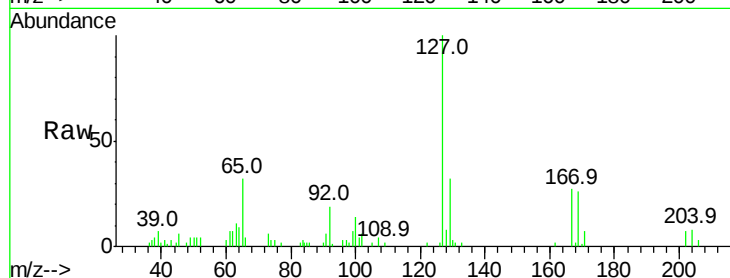
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.2

65 32.0 27.8 41.8

92 18.9 16.8 25.2

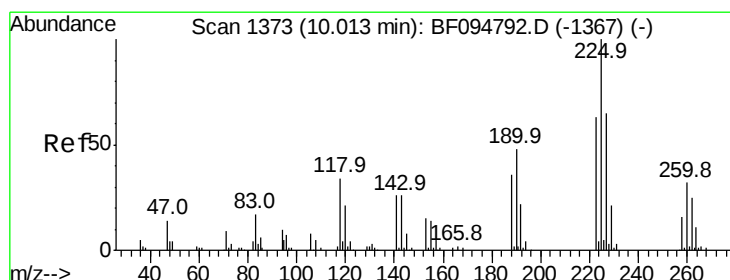
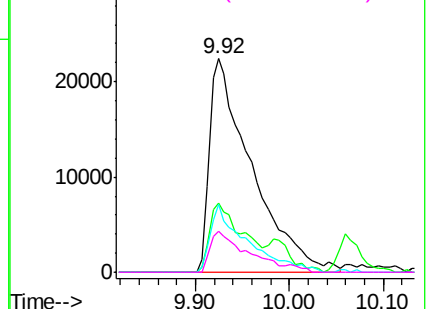
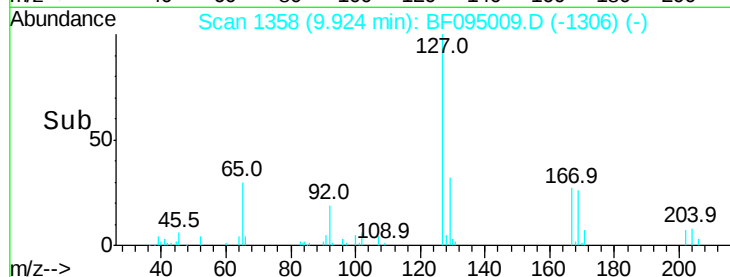


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.76 ng

RT: 9.99 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

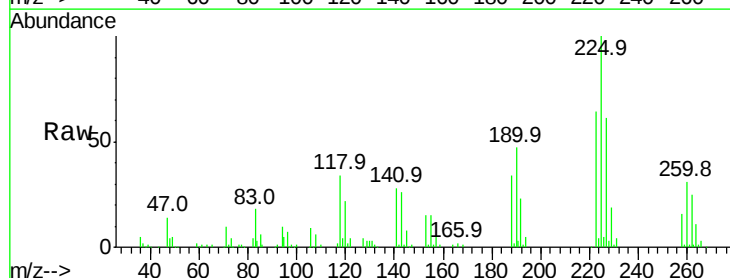
Tgt Ion:225 Resp: 122867

Ion Ratio Lower Upper

225 100

223 63.9 48.8 73.2

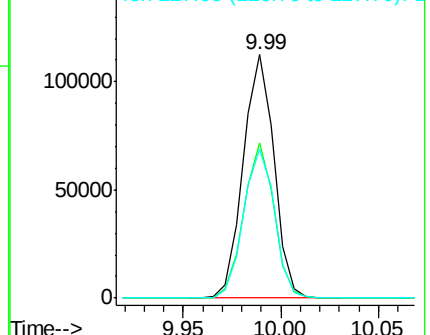
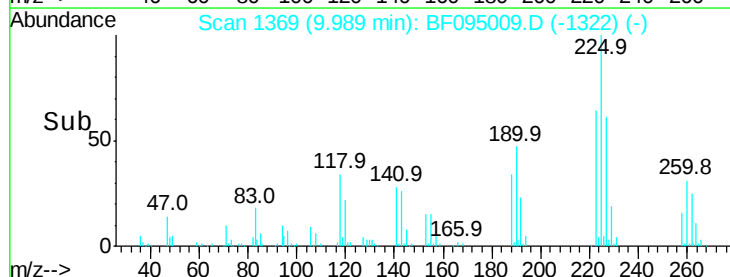
227 61.3 51.1 76.7



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: 28.12 ng

RT: 10.53 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

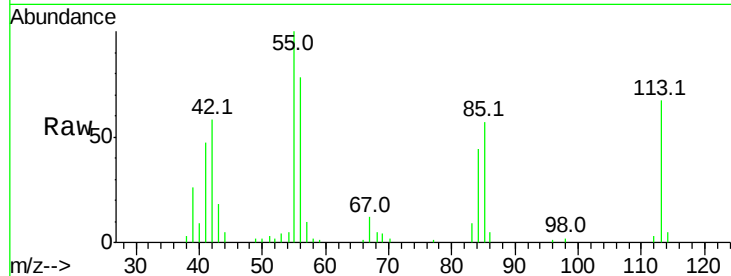
Tot Ion:113 Resp: 46171

Ion Ratio Lower Upper

113 100

55 149.4 150.2 190.2#

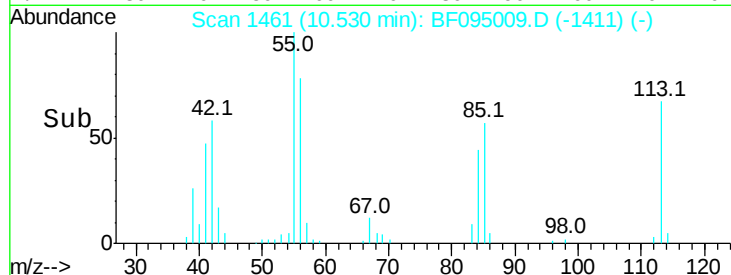
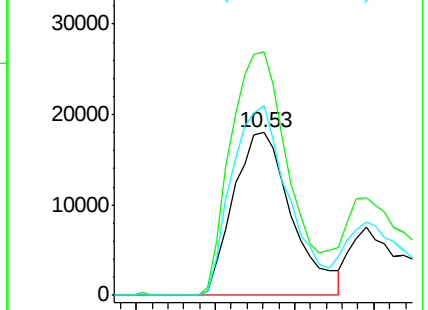
56 116.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.92 ng

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

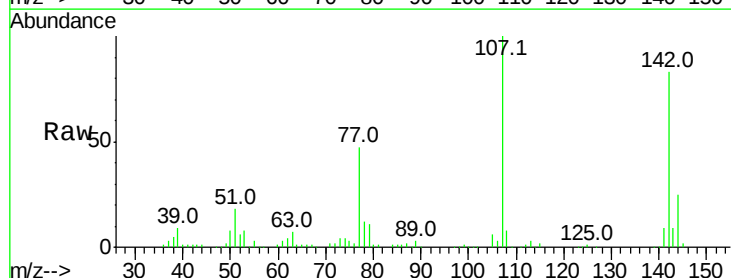
Tgt Ion:107 Resp: 250893

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

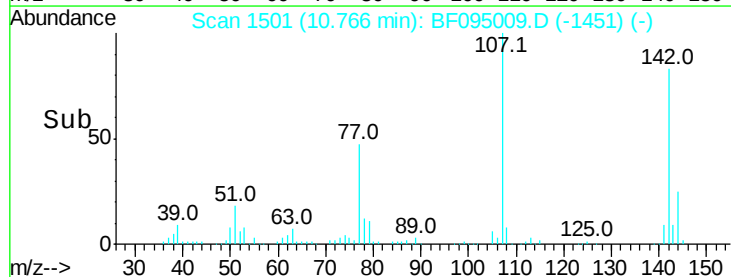
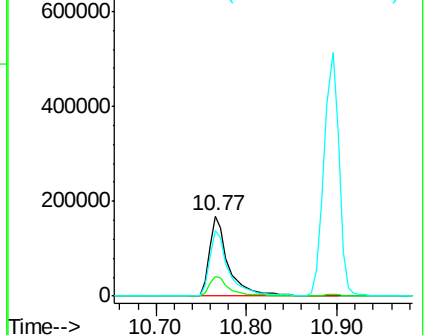
142 82.9 73.4 110.0

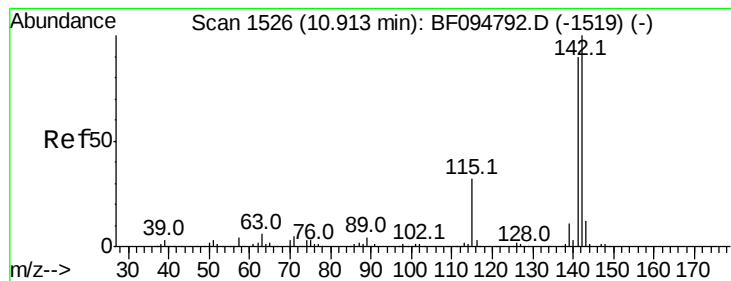


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.38 ng

RT: 10.90 min Scan# 1523

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

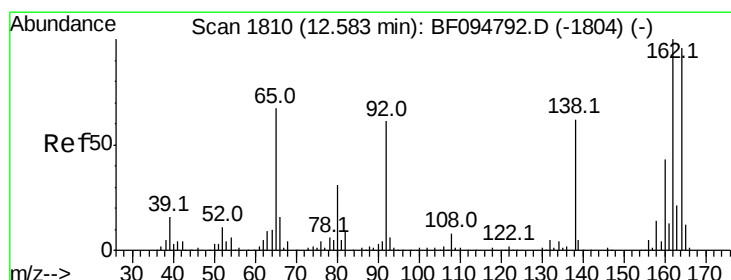
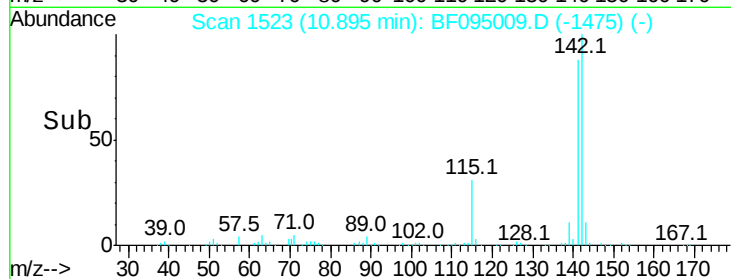
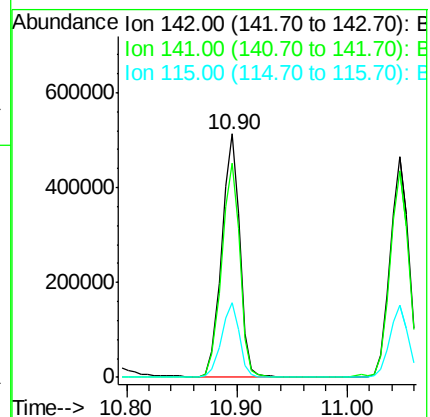
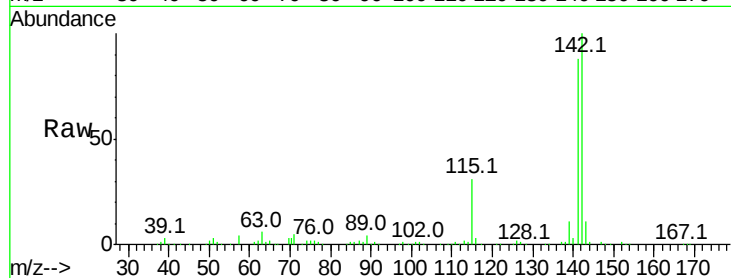
Tot Ion:142 Resp: 584532

Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9

115 30.7 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

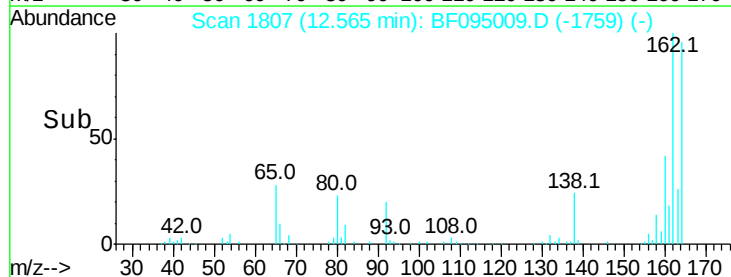
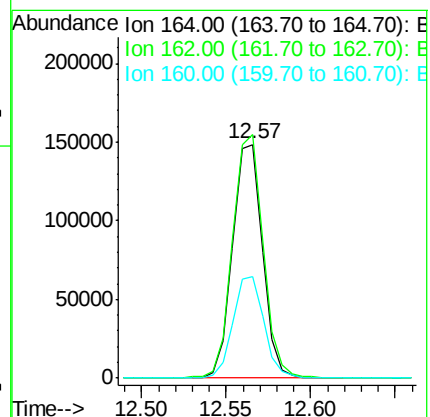
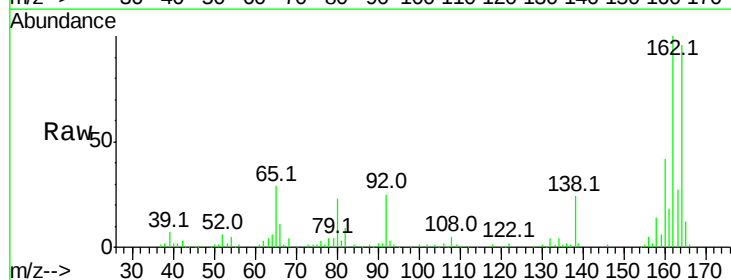
Tgt Ion:164 Resp: 183147

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

160 43.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.86 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 230107

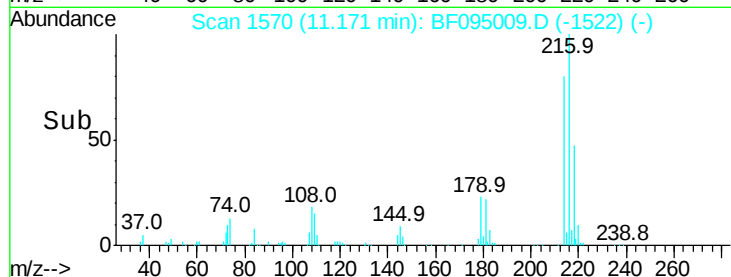
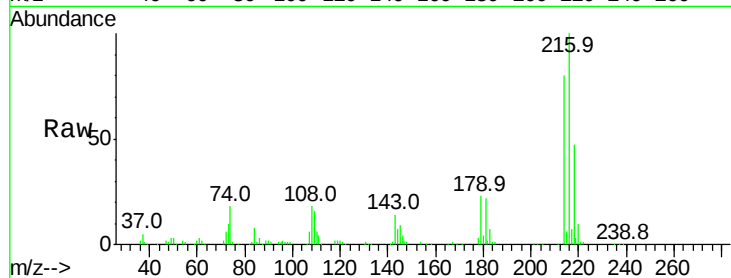
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 21.9 17.9 26.9

108 19.5 16.5 24.7

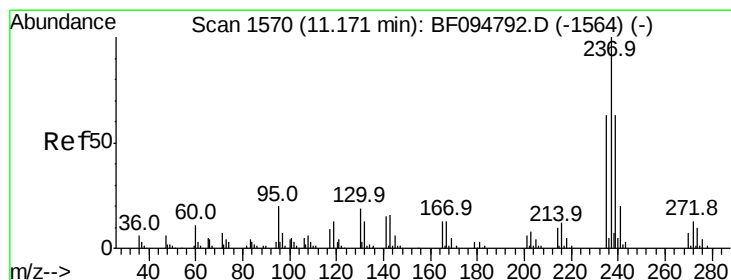
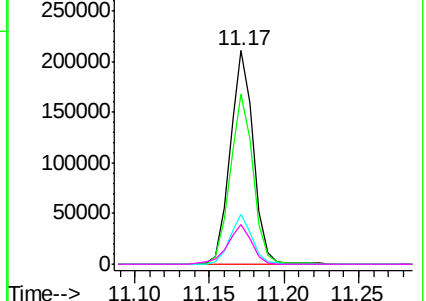


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.55 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

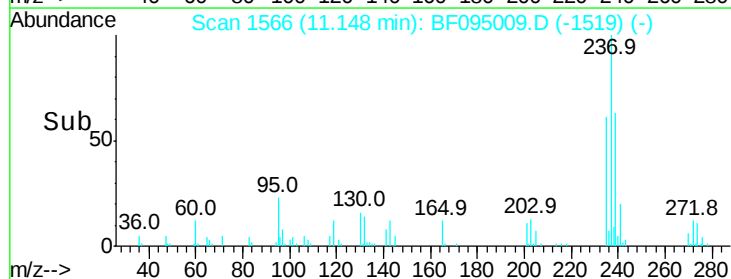
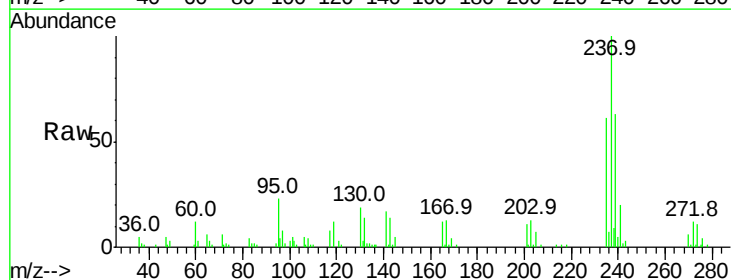
Tgt Ion:237 Resp: 83243

Ion Ratio Lower Upper

237 100

235 60.8 42.6 82.6

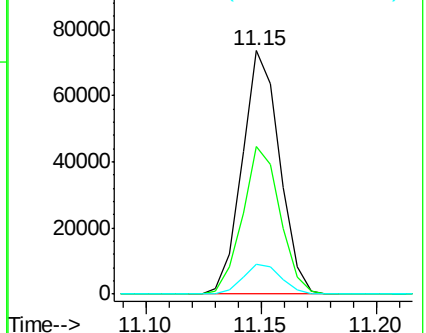
272 12.3 0.0 31.9

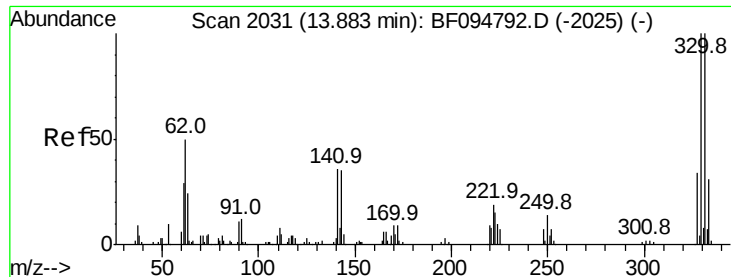


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

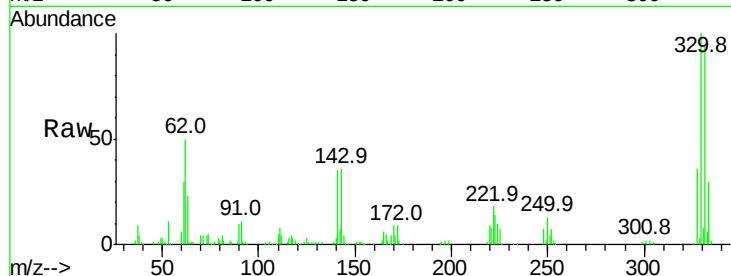




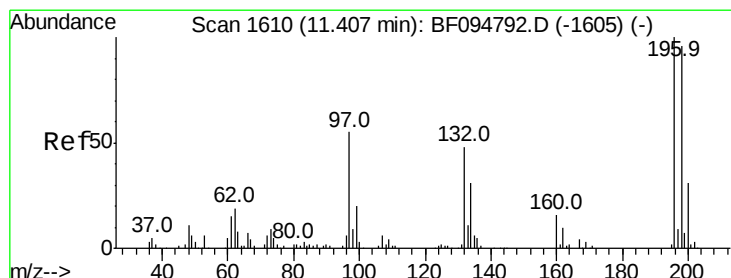
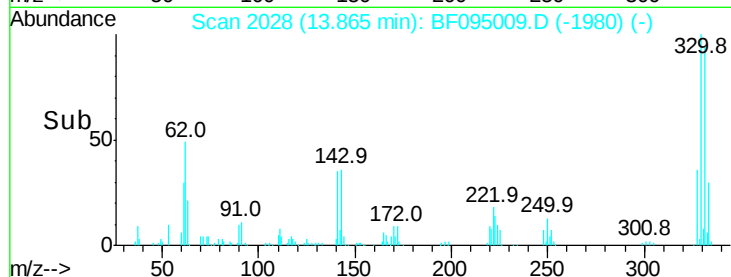
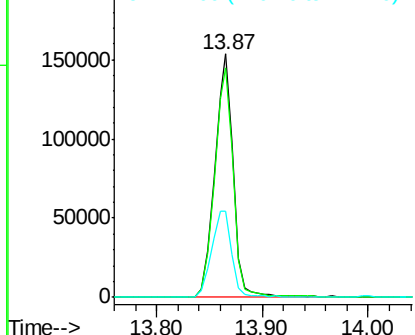
#41
 2,4,6-Tribromophenol
 Concen: 126.09 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.2	31.4	47.2

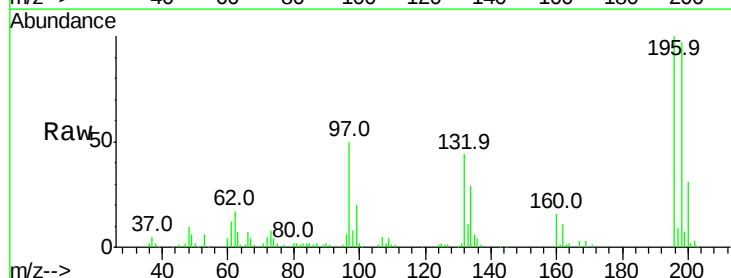


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

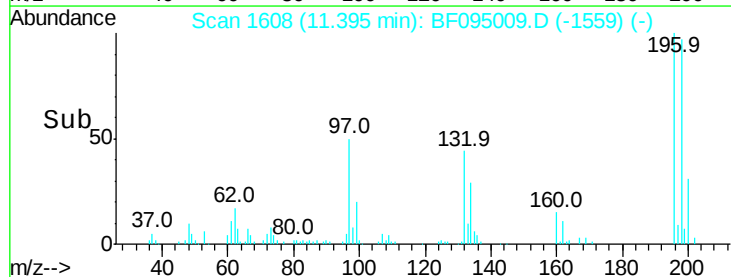
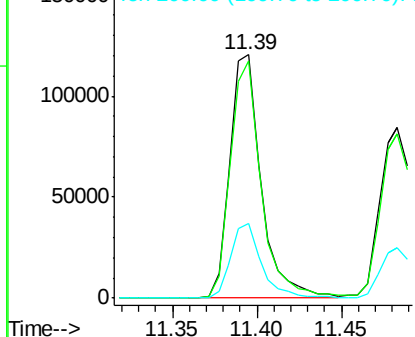


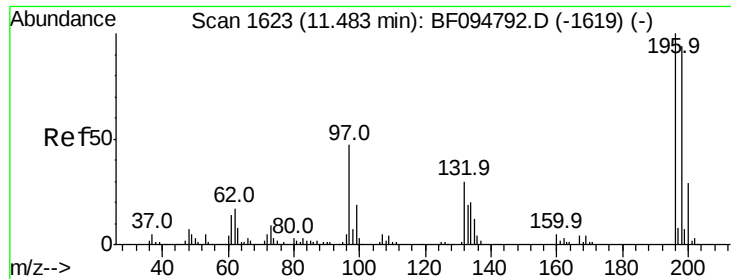
#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.2	111.4
200	30.8	24.0	36.0



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

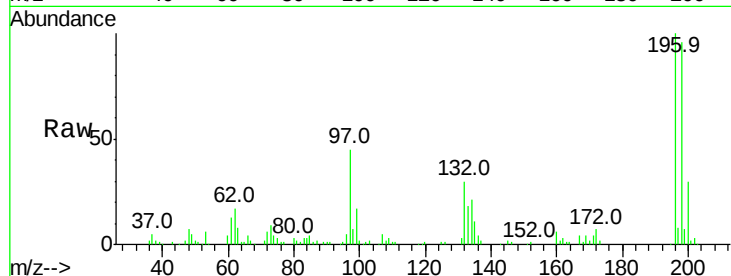




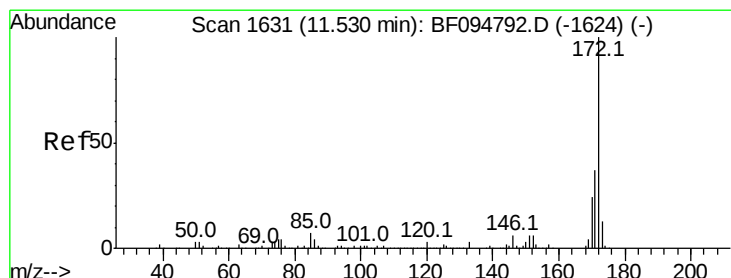
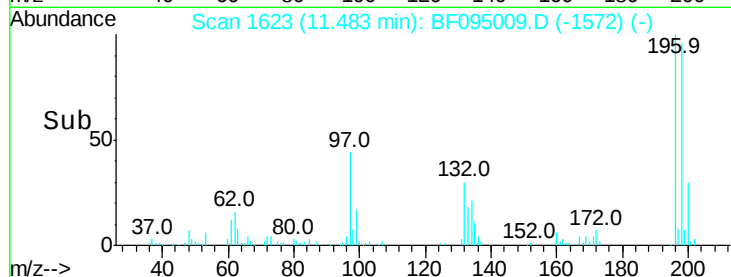
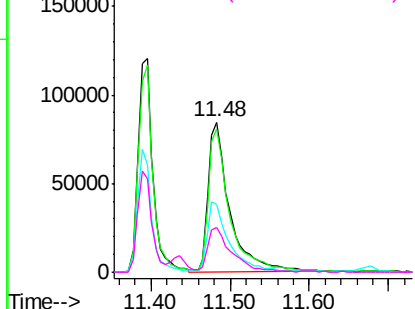
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 160455
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 97 44.8 47.7 71.5#
 132 30.1 28.0 42.0

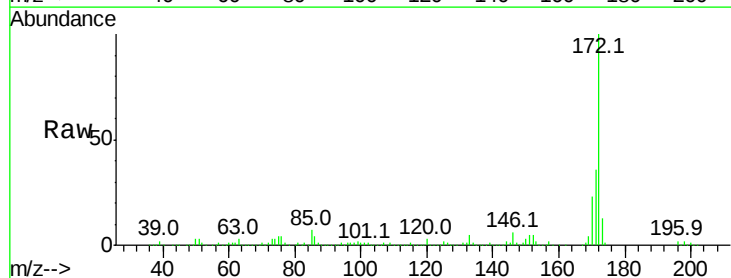


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

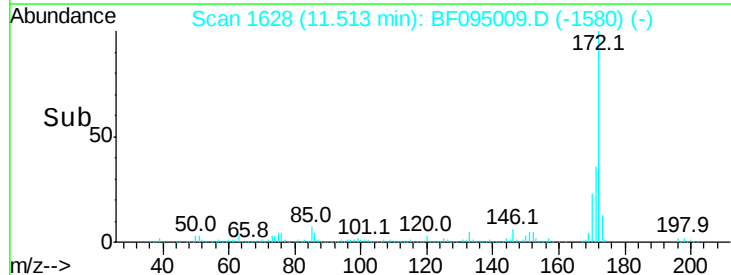
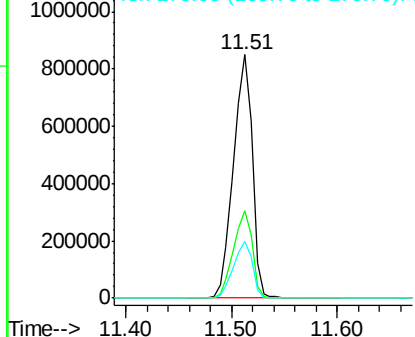


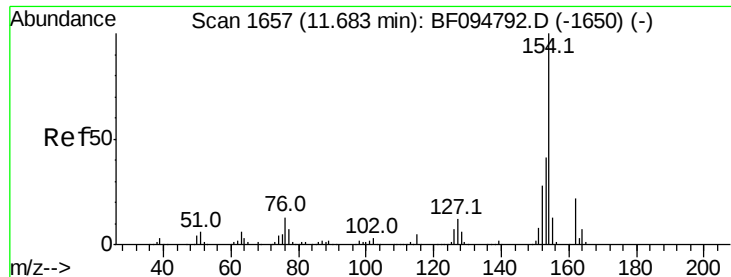
#44
 2-Fluorobiphenyl
 Concen: 81.76 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion:172 Resp: 1040362
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.21 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

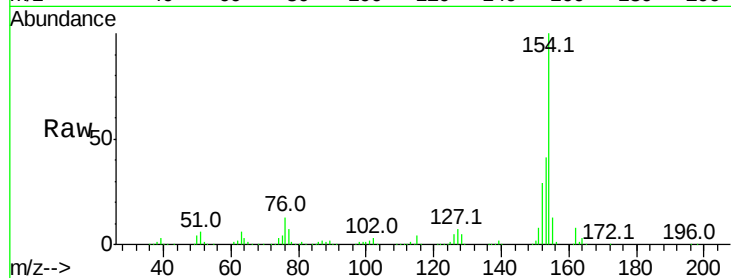
Tot Ion:154 Resp: 635455

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

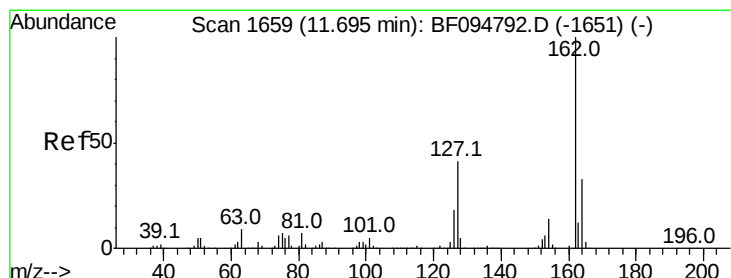
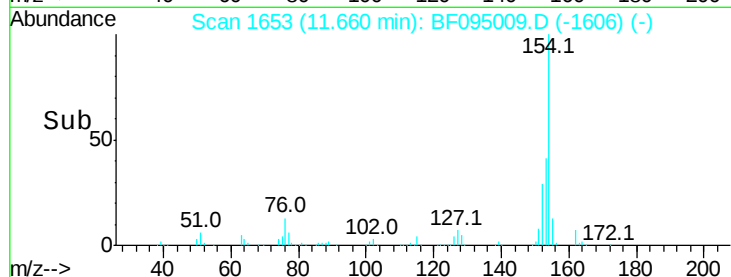
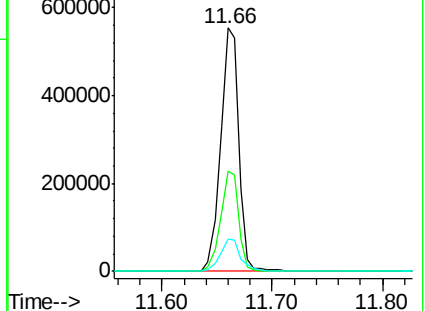
76 13.3 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.02 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

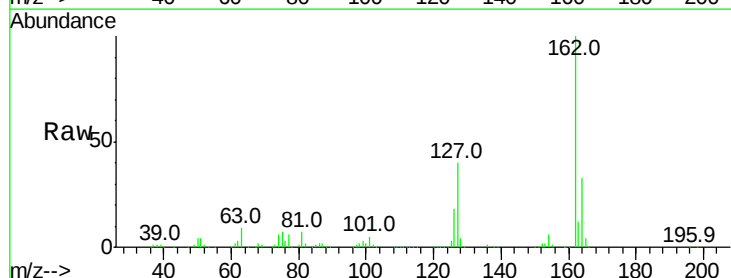
Tgt Ion:162 Resp: 498341

Ion Ratio Lower Upper

162 100

127 39.8 28.3 42.5

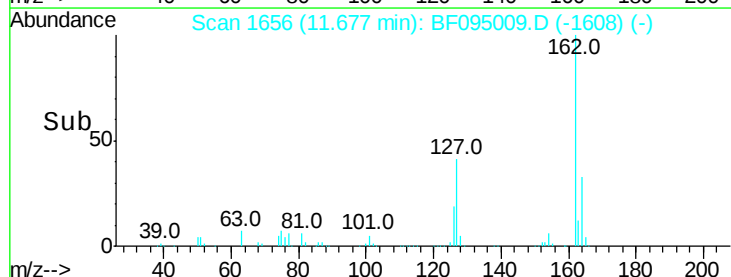
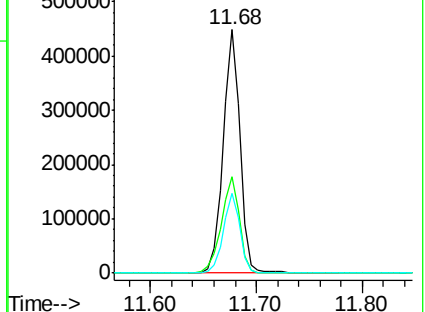
164 32.9 27.0 40.4

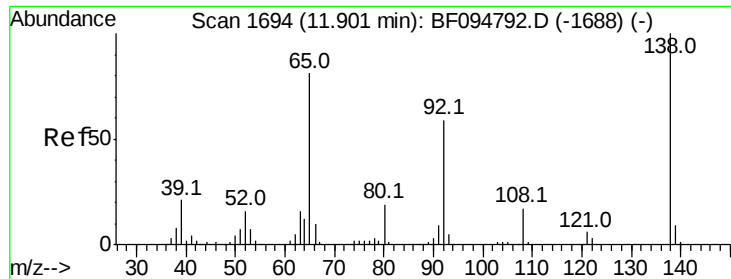


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

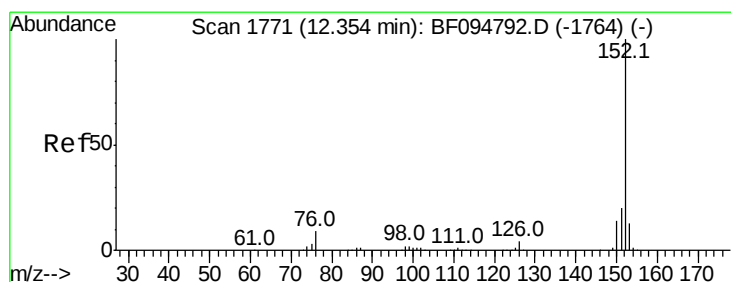
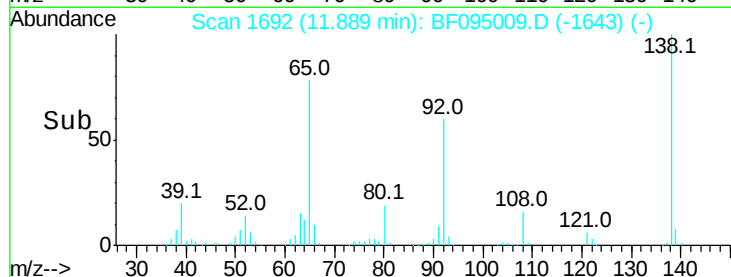
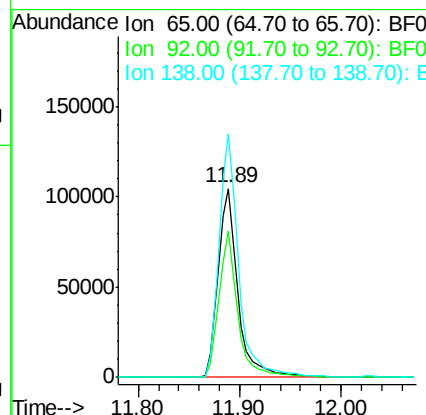
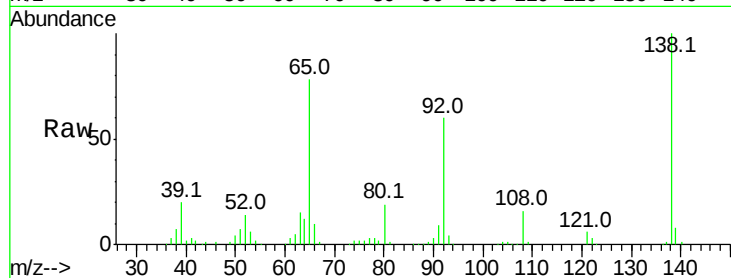




#47
2-Nitroaniline
Concen: 41.92 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

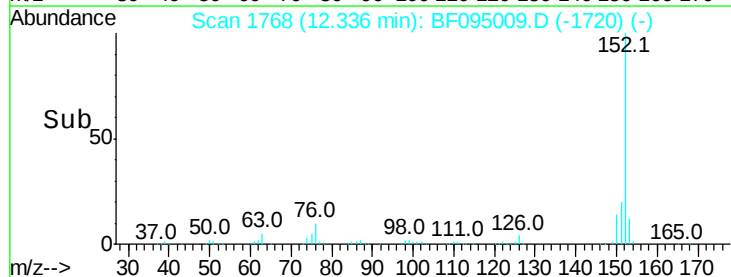
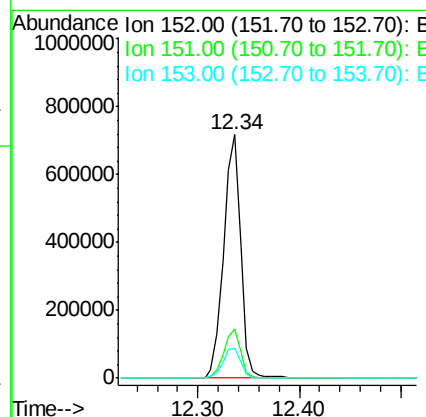
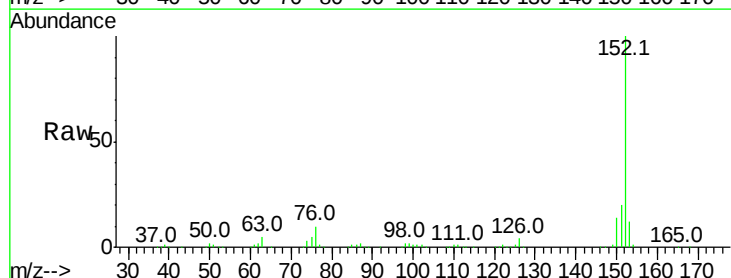
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 142843
Ion Ratio Lower Upper
65 100
92 77.2 53.9 80.9
138 128.8 78.8 118.2#



#48
Acenaphthylene
Concen: 42.84 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:152 Resp: 835510
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 12.3 10.8 16.2





#49

Dimethylphthalate

Concen: 41.16 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

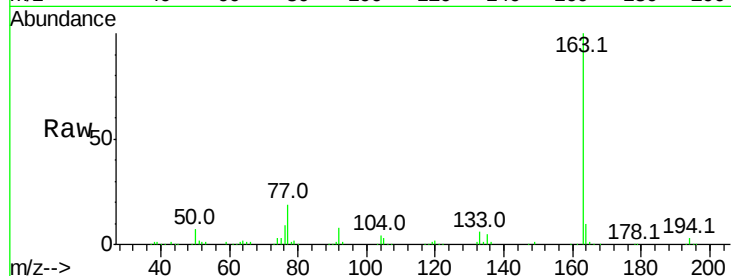
Tot Ion:163 Resp: 618803

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

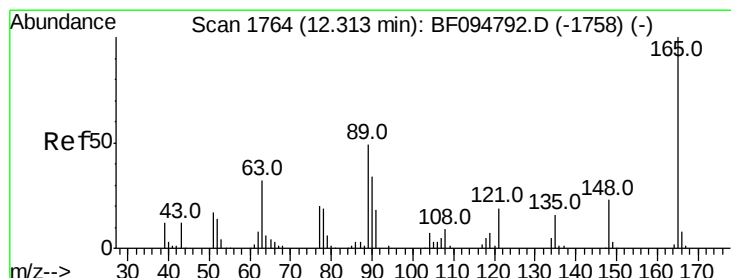
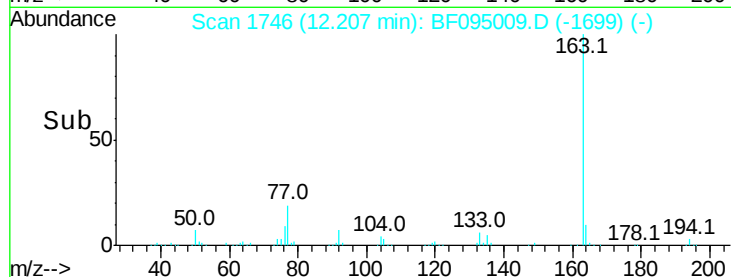
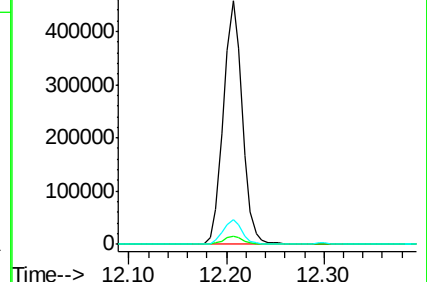
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.85 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

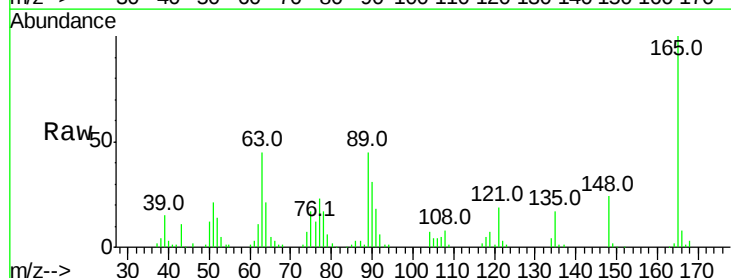
Tgt Ion:165 Resp: 134511

Ion Ratio Lower Upper

165 100

63 44.6 34.3 51.5

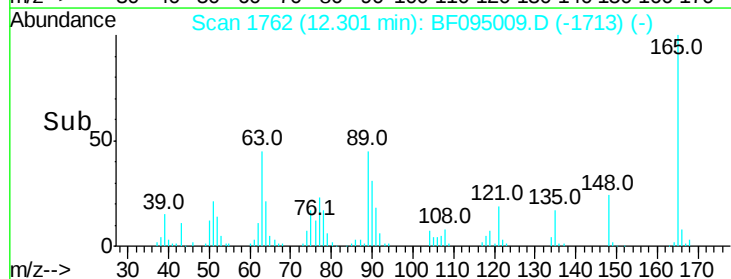
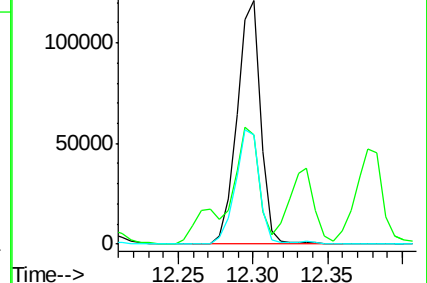
89 44.7 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.21 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

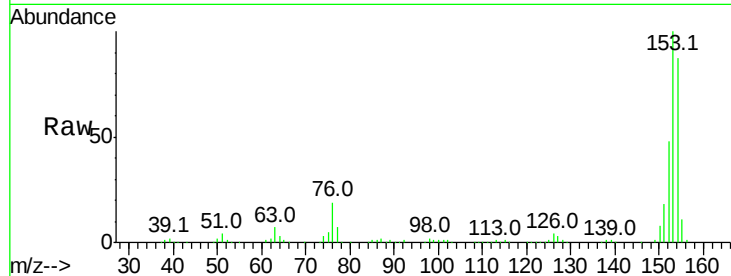
Tot Ion:154 Resp: 480006

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

600000

500000

400000

300000

200000

100000

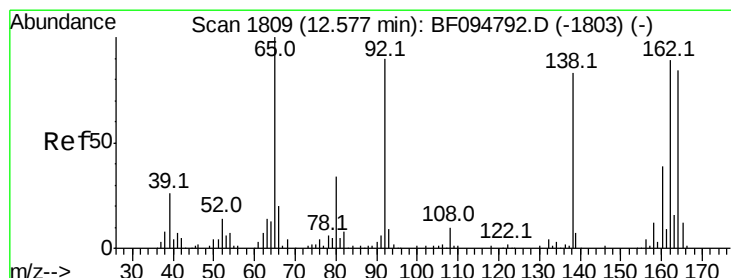
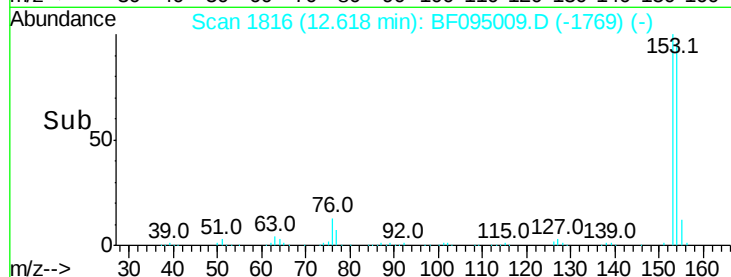
0

12.60

12.62

12.70

Time-->



#52

3-Nitroaniline

Concen: 21.37 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

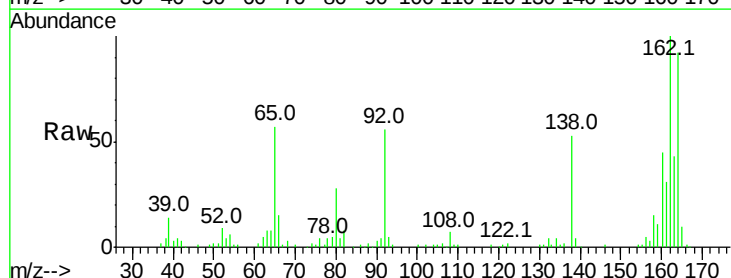
Tgt Ion:138 Resp: 70344

Ion Ratio Lower Upper

138 100

108 13.5 9.1 13.7

92 106.7 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

60000

50000

40000

30000

20000

10000

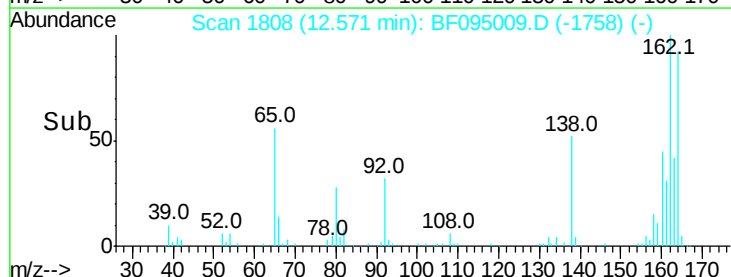
0

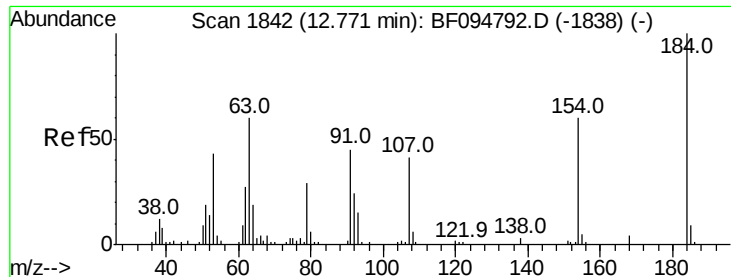
12.55

12.57

12.70

Time-->

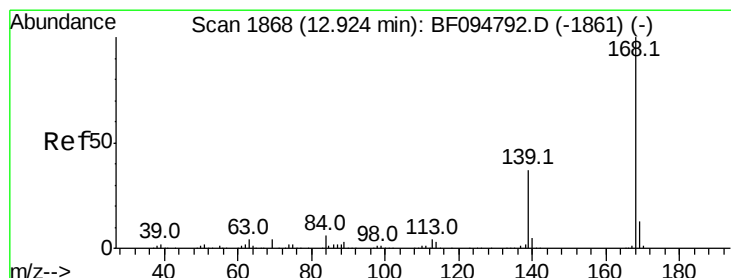
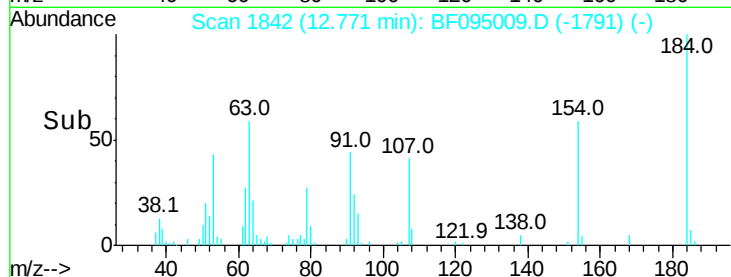
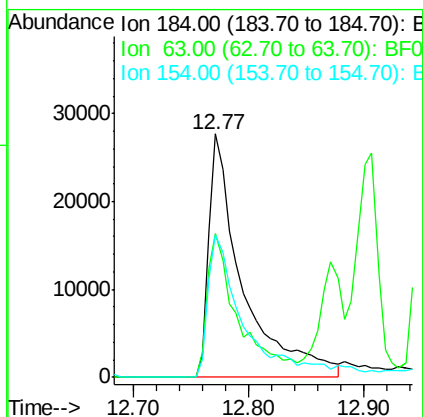
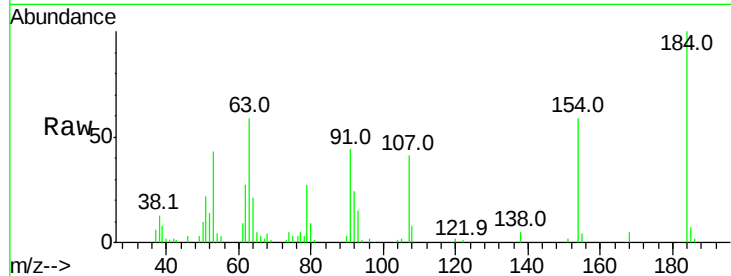




#53
 2,4-Dinitrophenol
 Concen: 37.00 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

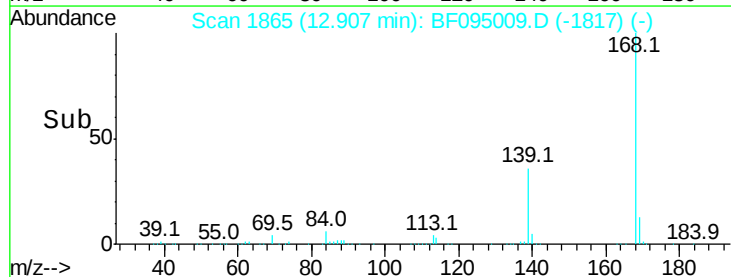
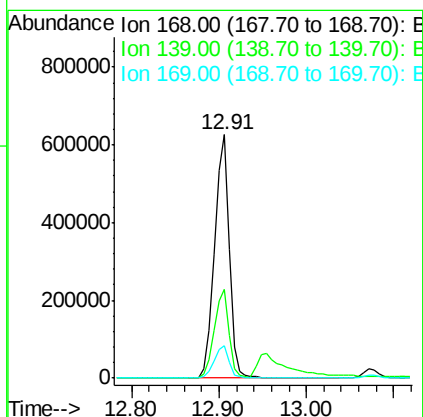
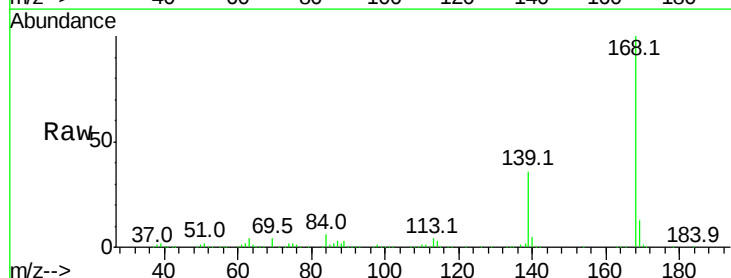
Instrument :
 BNA_F
 ClientSampleId :

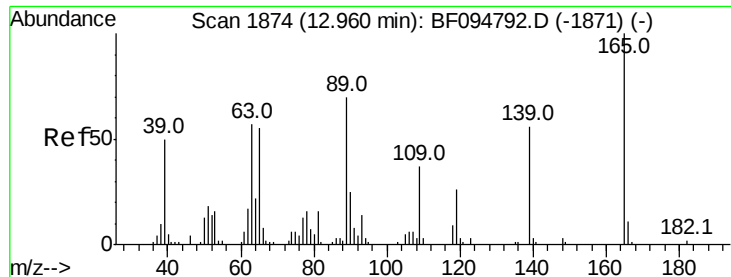
Tot Ion:184 Resp: 56365
 Ion Ratio Lower Upper
 184 100
 63 59.2 62.7 94.1#
 154 58.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.72 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion:168 Resp: 736950
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.2 10.8 16.2

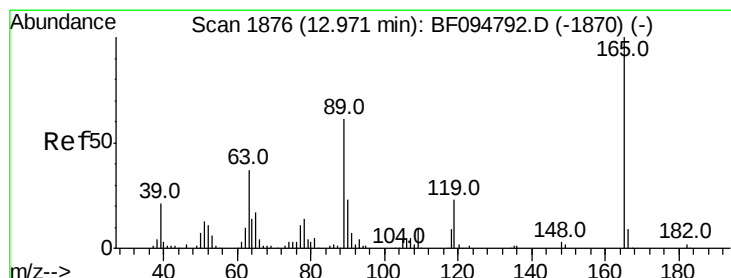
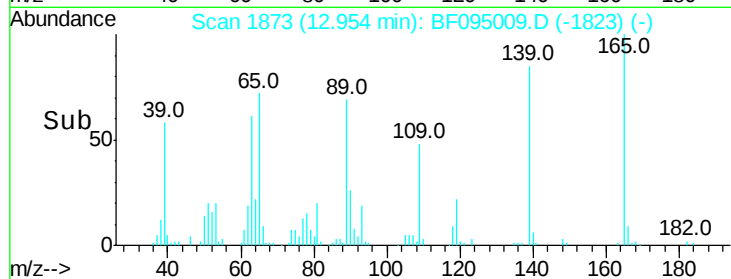
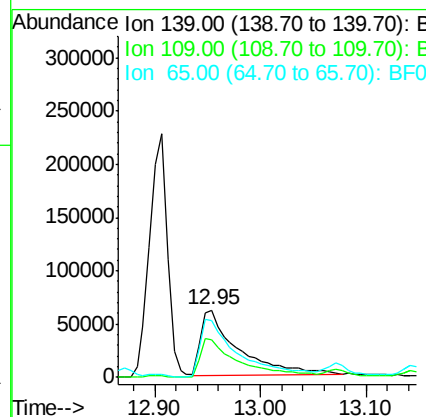
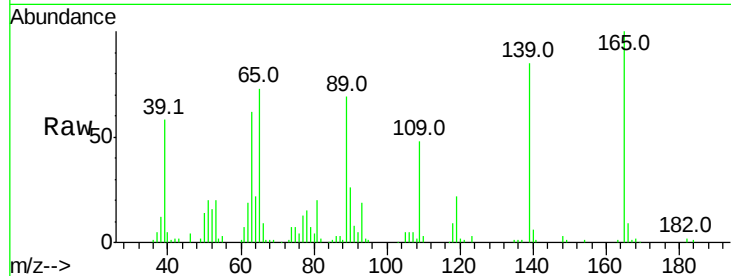




#55
4-Nitrophenol
Concen: 77.72 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

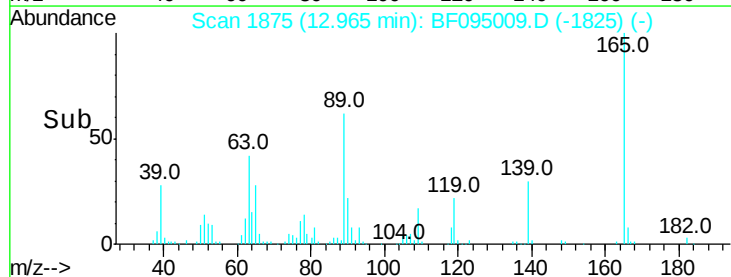
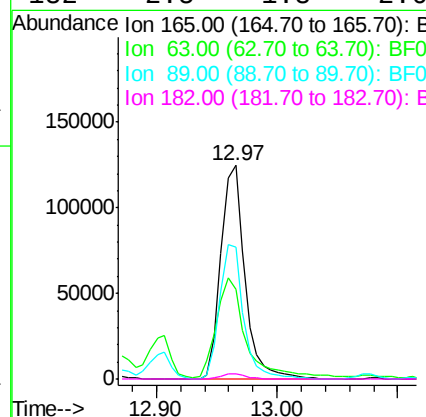
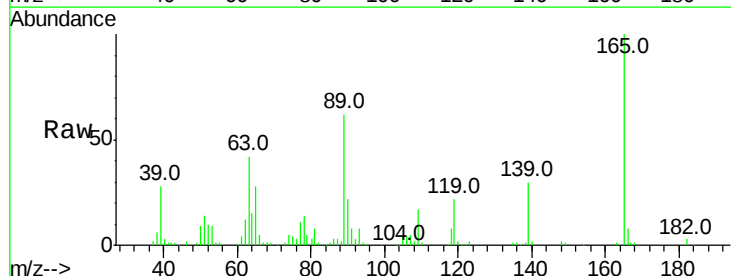
Instrument :
BNA_F
ClientSampled :

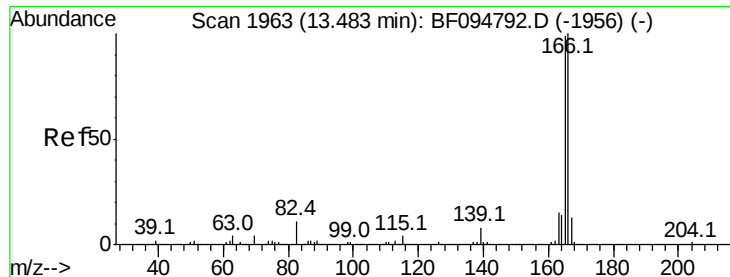
Tot Ion:139 Resp: 153685
Ion Ratio Lower Upper
139 100
109 56.7 34.1 74.1
65 85.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.63 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:165 Resp: 171978
Ion Ratio Lower Upper
165 100
63 42.1 25.4 38.0#
89 61.7 46.4 69.6
182 2.5 1.8 2.6





#57

Fluorene

Concen: 41.64 ng

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

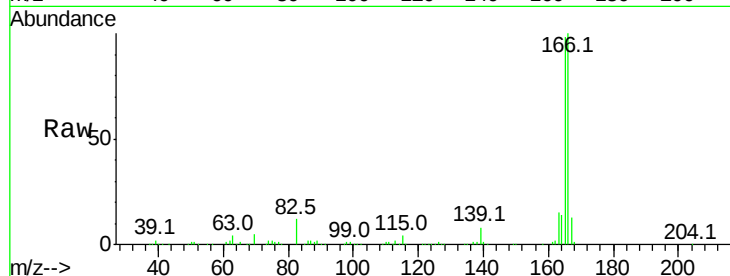
Tot Ion:166 Resp: 583598

Ion Ratio Lower Upper

166 100

165 98.1 78.8 118.2

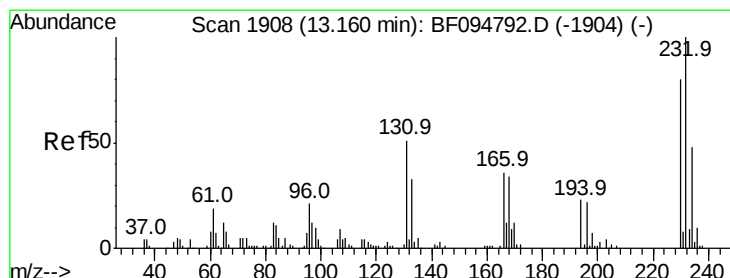
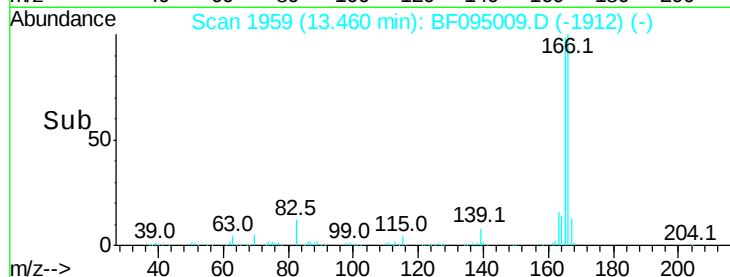
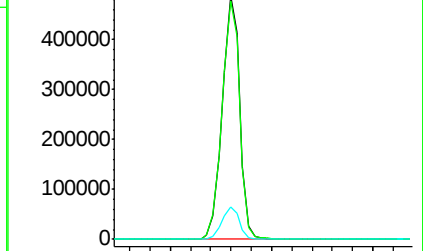
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.44 ng

RT: 13.15 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Tgt Ion:232 Resp: 128313

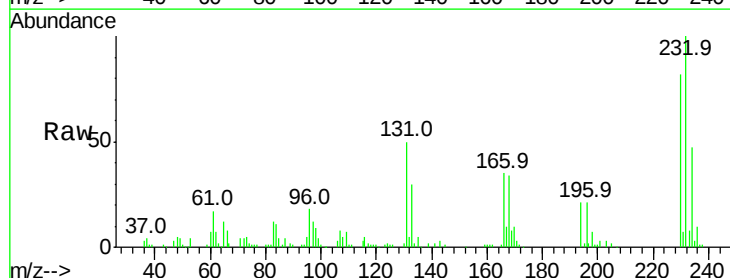
Ion Ratio Lower Upper

232 100

131 50.0 44.8 67.2

130 2.2 2.3 3.5#

166 34.5 29.0 43.4

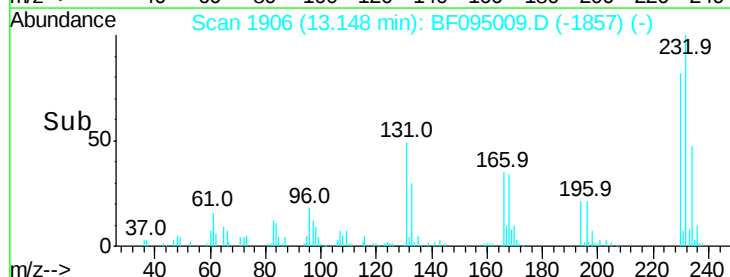
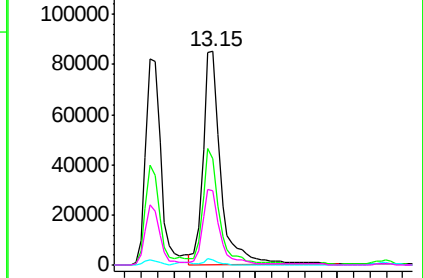


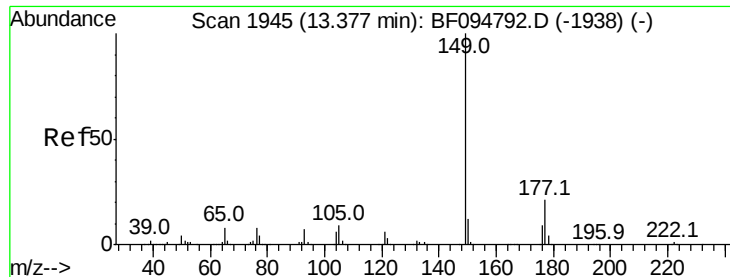
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

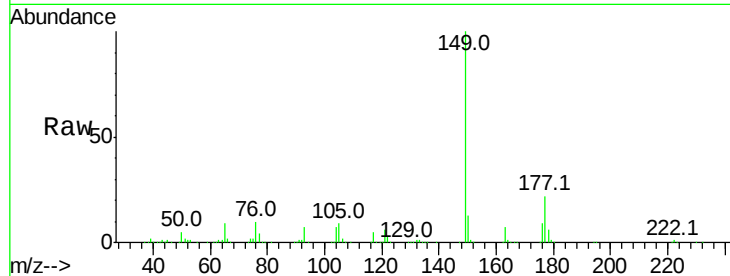




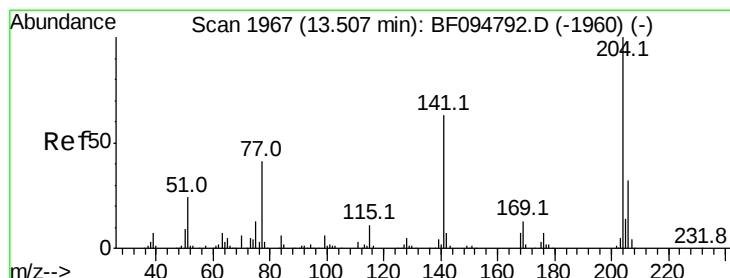
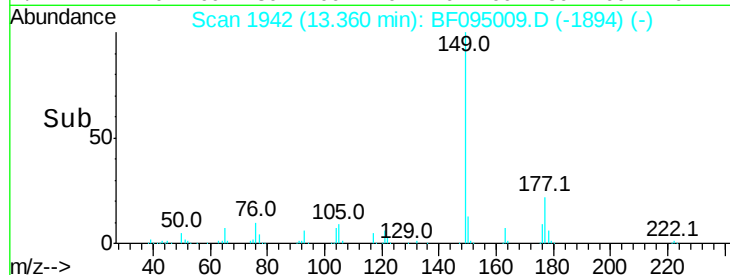
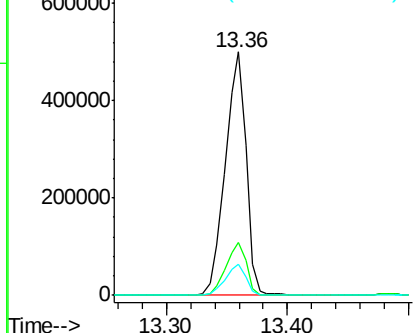
#59
Diethylphthalate
Concen: 41.43 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 597086
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.7 10.2 15.2

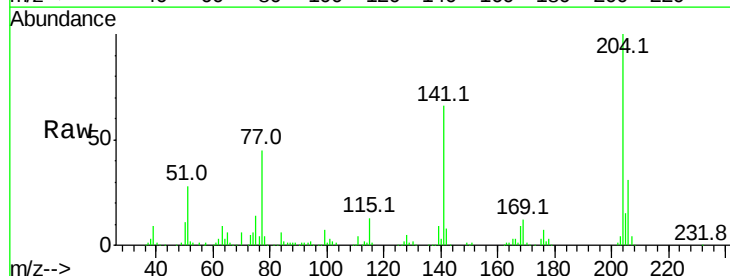


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

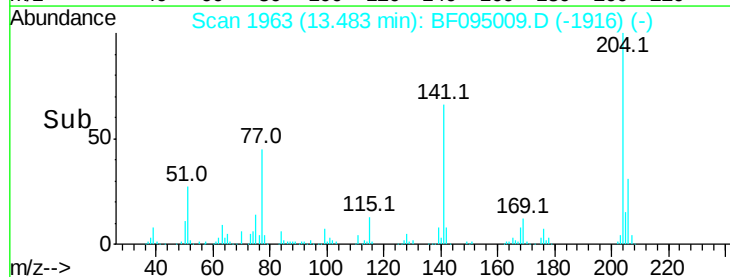
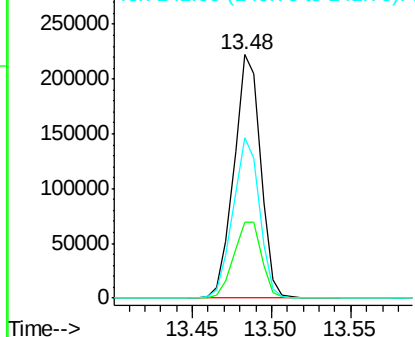


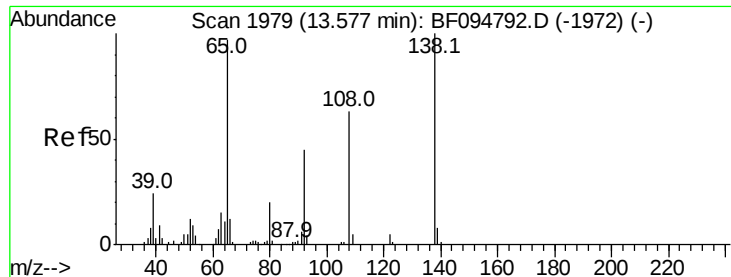
#60
4-Chlorophenyl-phenylether
Concen: 42.12 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:204 Resp: 259449
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.2
141 65.9 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

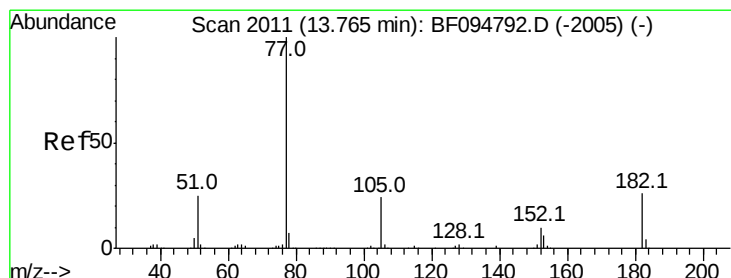
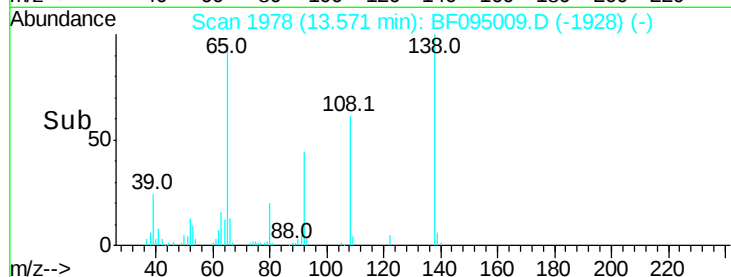
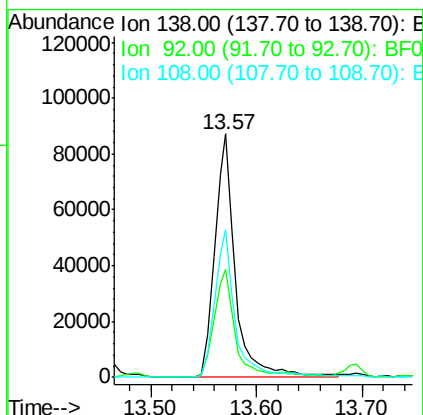
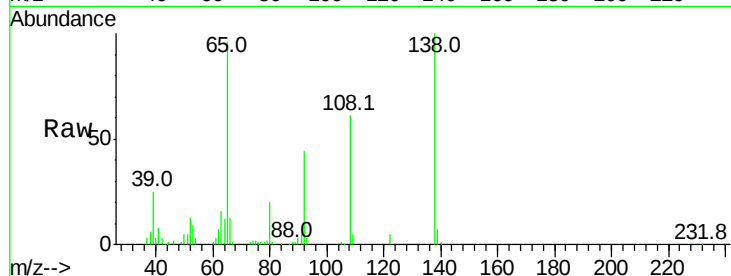




#61
4-Nitroaniline
Concen: 39.68 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

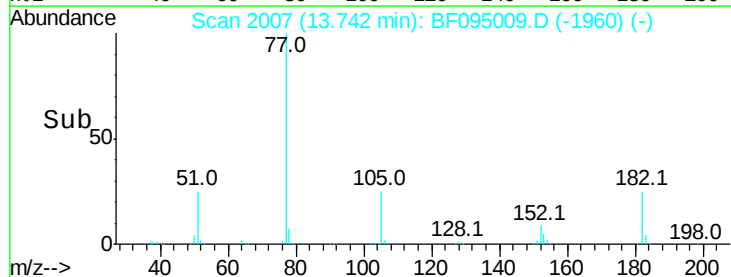
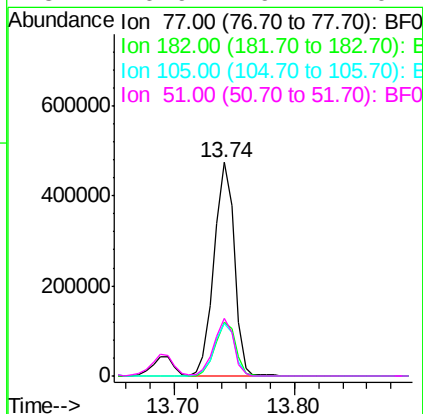
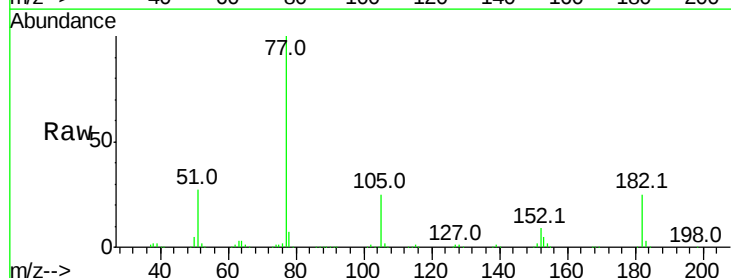
Instrument :
BNA_F
ClientSampled :

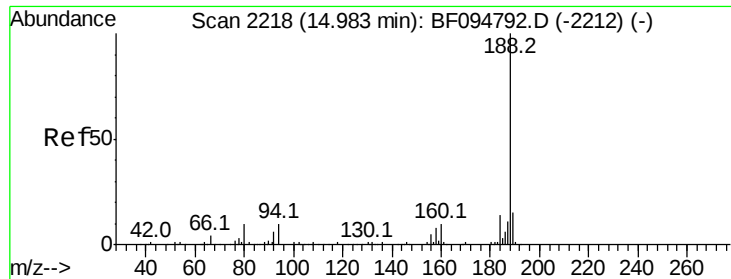
Tot Ion:138 Resp: 119933
Ion Ratio Lower Upper
138 100
92 44.4 21.8 61.8
108 60.5 42.3 82.3



#62
Azobenzene
Concen: 47.06 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion: 77 Resp: 545008
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 24.6 3.6 43.6
51 26.9 9.4 49.4

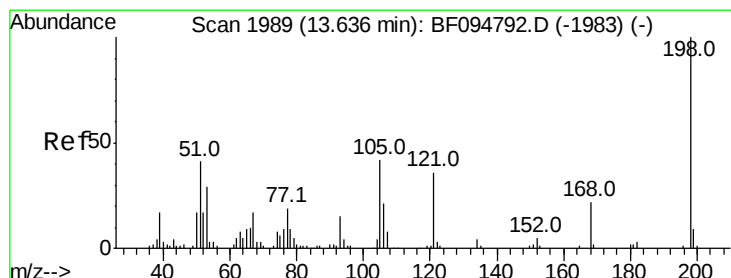
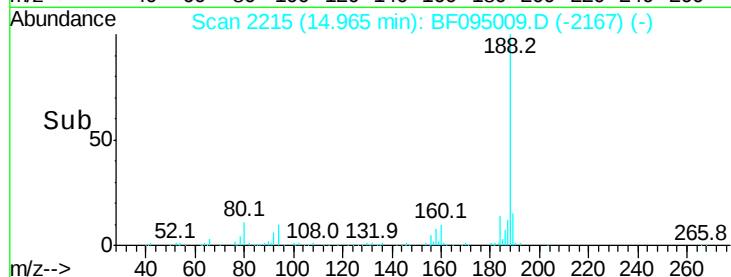
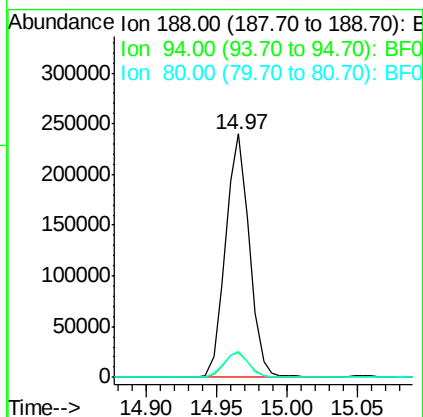
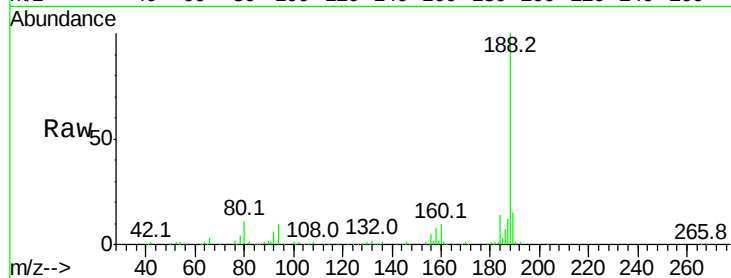




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

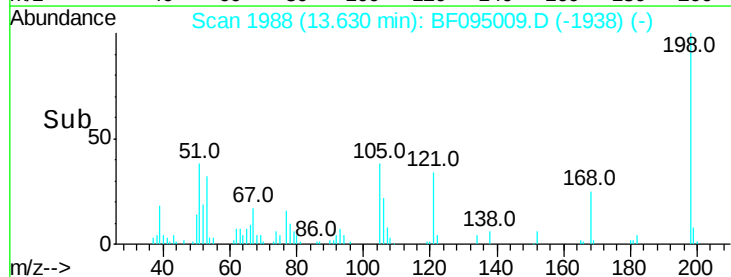
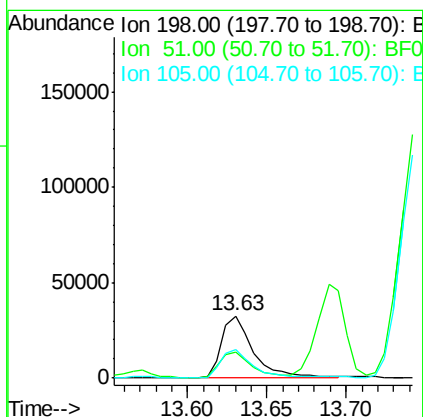
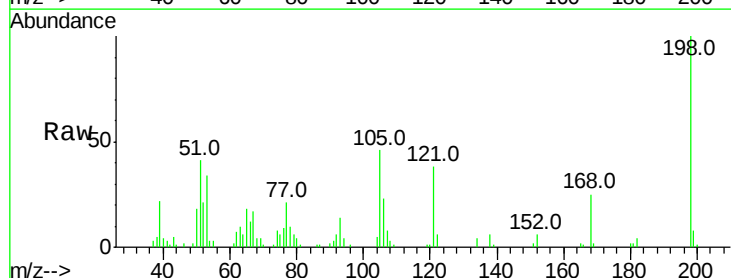
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 280291
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 24.48 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:198 Resp: 45993
Ion Ratio Lower Upper
198 100
51 41.2 53.2 93.2#
105 45.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 50.22 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

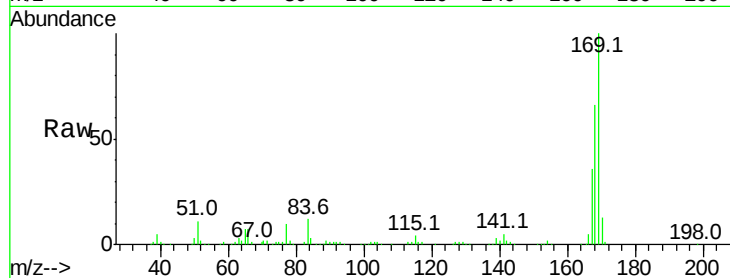
Tot Ion:169 Resp: 510911

Ion Ratio Lower Upper

169 100

168 66.4 53.2 79.8

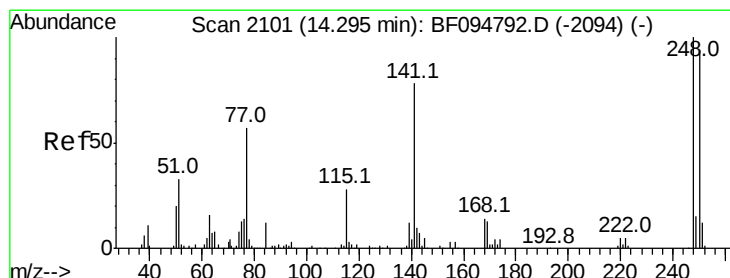
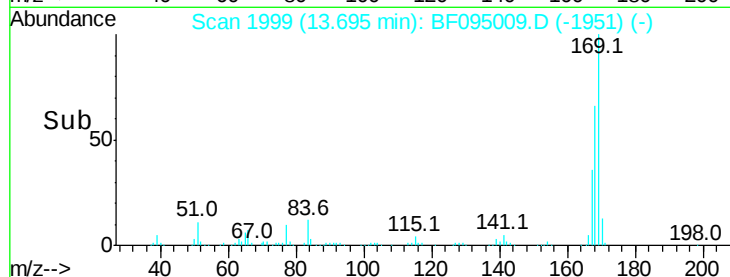
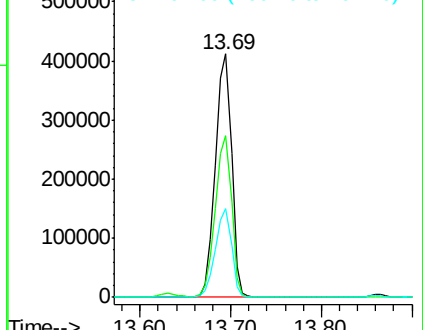
167 36.3 29.5 44.3



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: 44.03 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

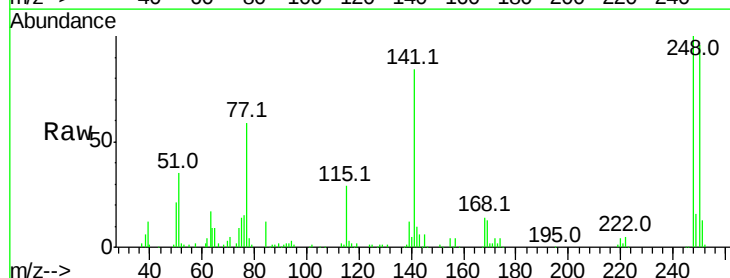
Tgt Ion:248 Resp: 130386

Ion Ratio Lower Upper

248 100

250 95.6 76.8 115.2

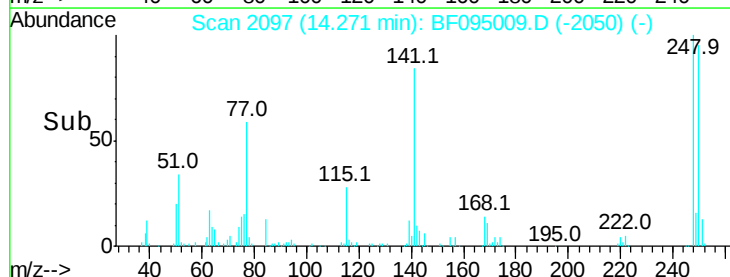
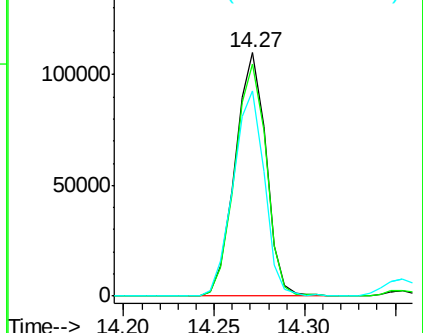
141 84.2 68.6 103.0



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

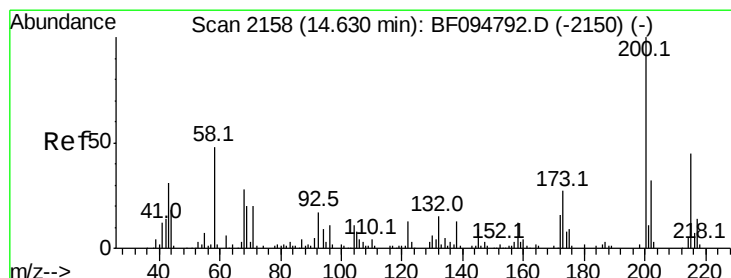
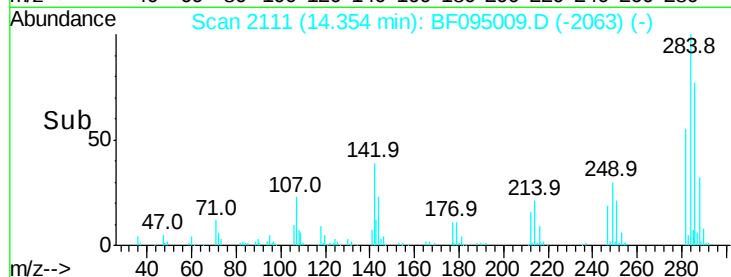
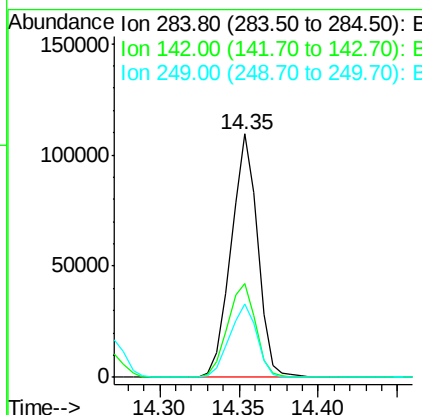
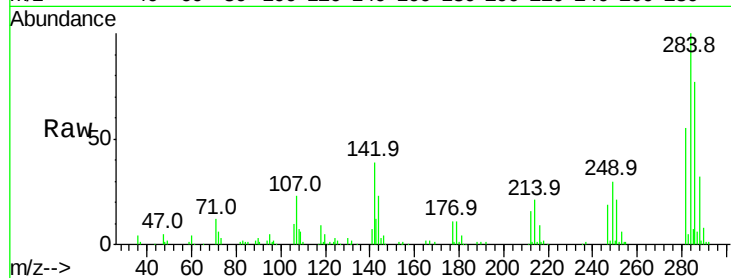




#67
 Hexachlorobenzene
 Concen: 41.84 ng
 RT: 14.35 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

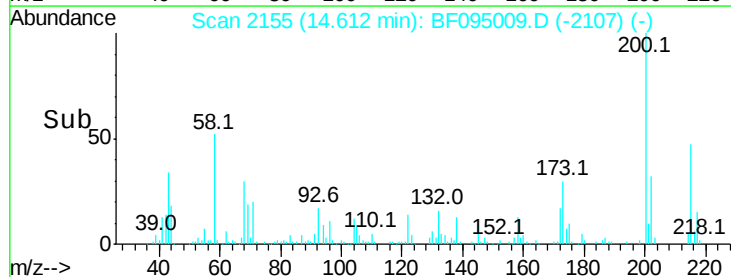
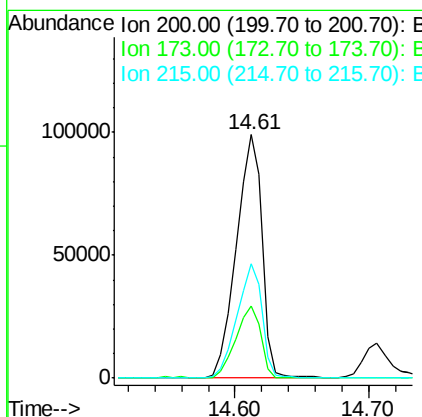
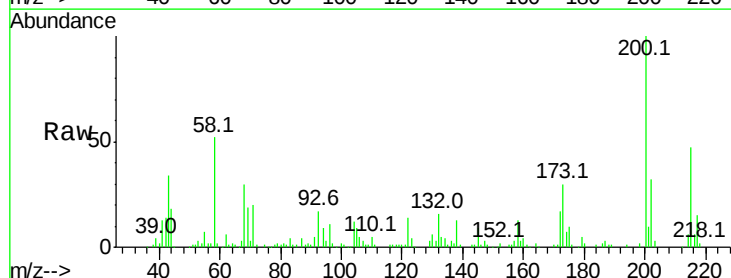
Instrument :
 BNA_F
 ClientSampled :

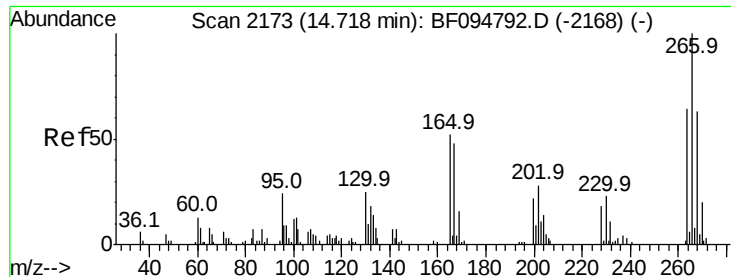
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.6	22.8	34.2#
249	30.0	24.0	36.0



#68
 Atrazine
 Concen: 46.14 ng
 RT: 14.61 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.7	6.3	46.3
215	47.0	27.2	67.2

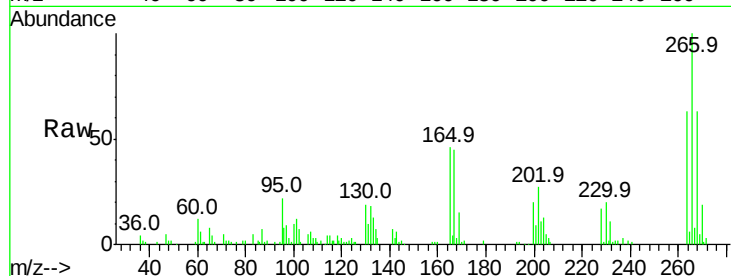




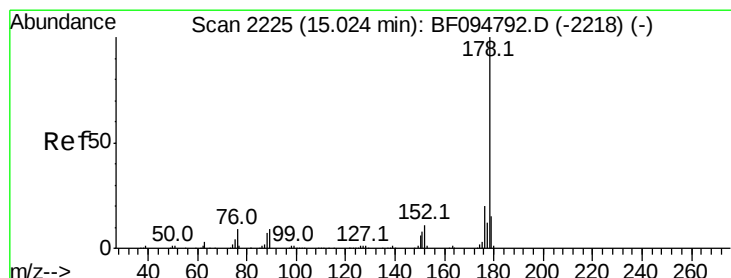
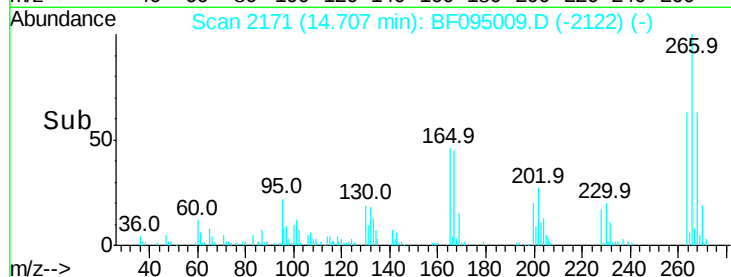
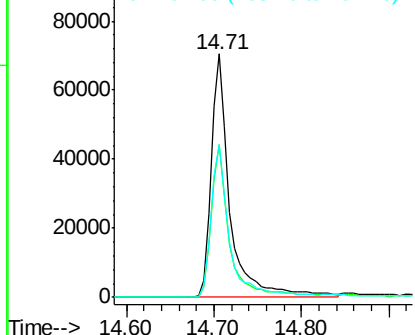
#69
 Pentachlorophenol
 Concen: 77.20 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Instrument :
 BNA_F
 ClientSampled :

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

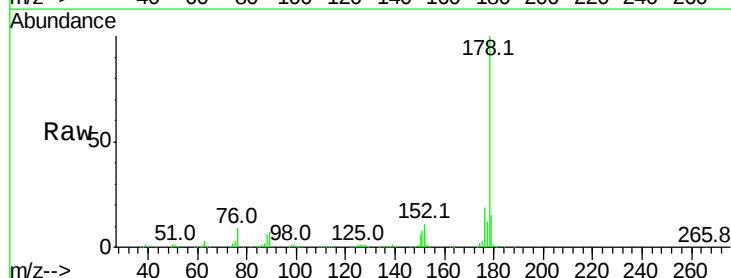


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

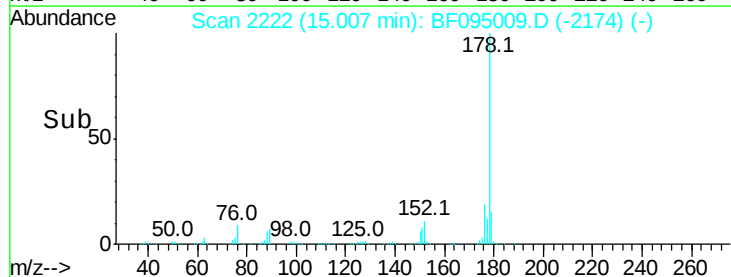
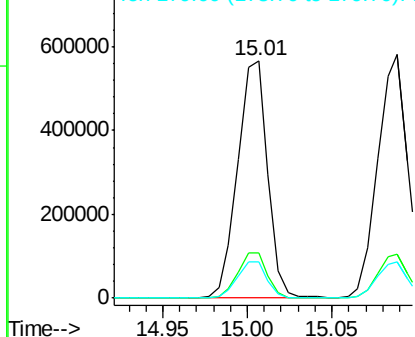


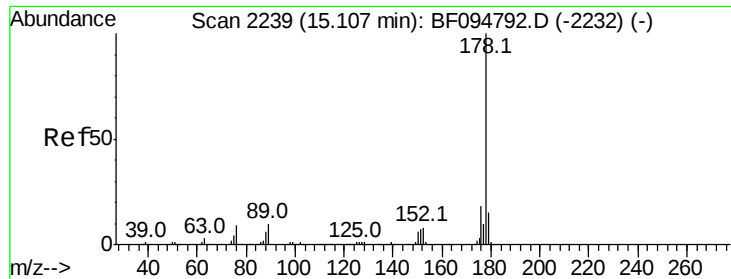
#70
 Phenanthrene
 Concen: 43.65 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.4	12.6	19.0



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

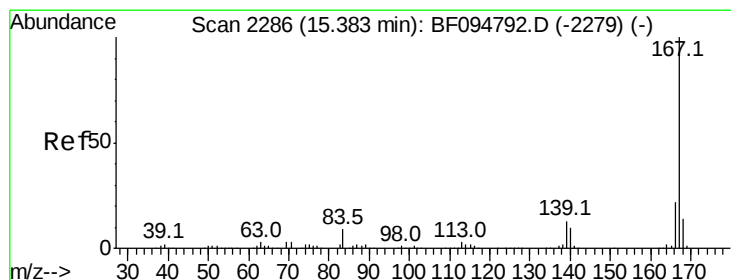
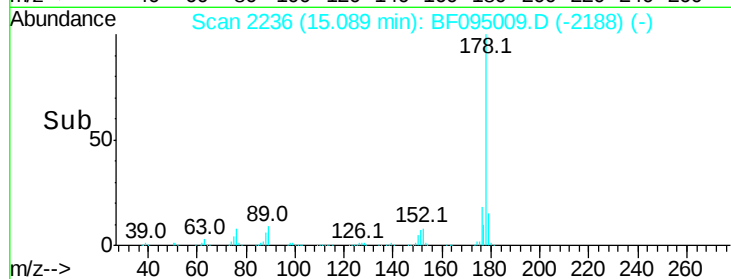
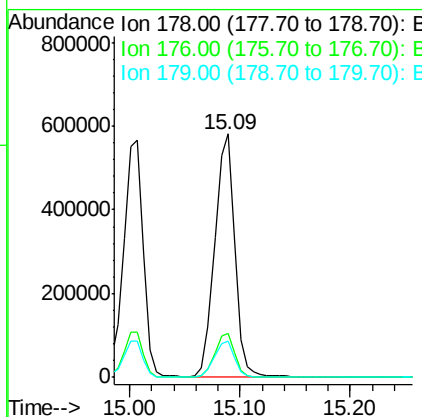
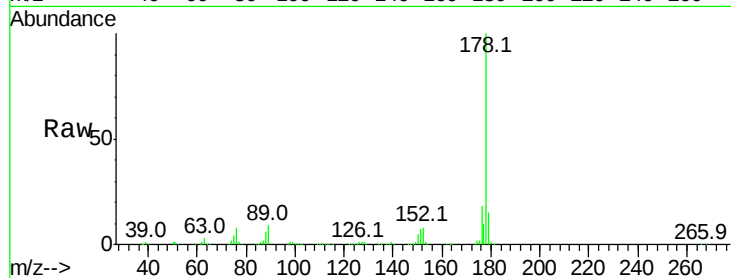




#71
 Anthracene
 Concen: 44.36 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

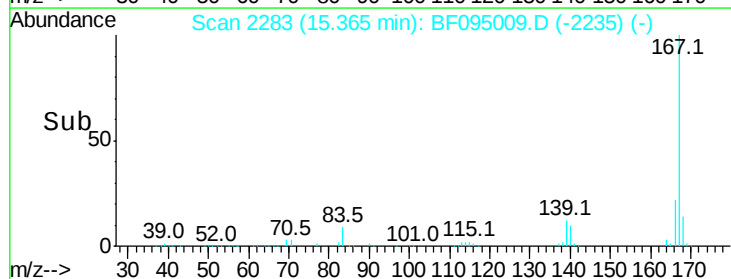
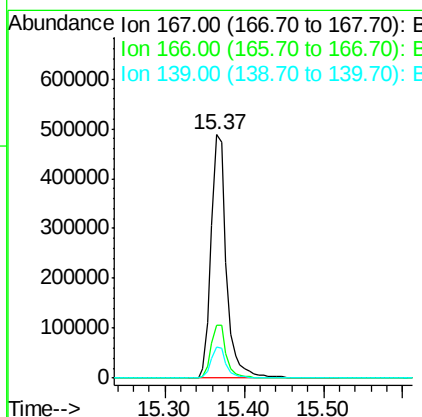
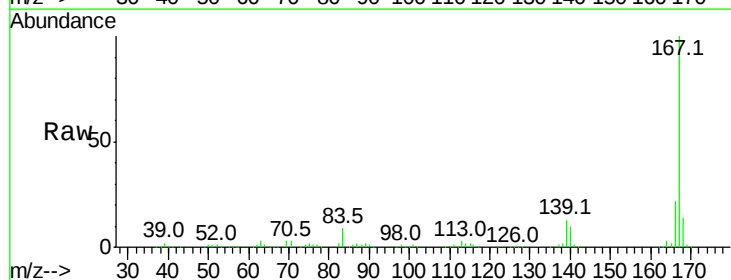
Instrument :
 BNA_F
 ClientSampleId :

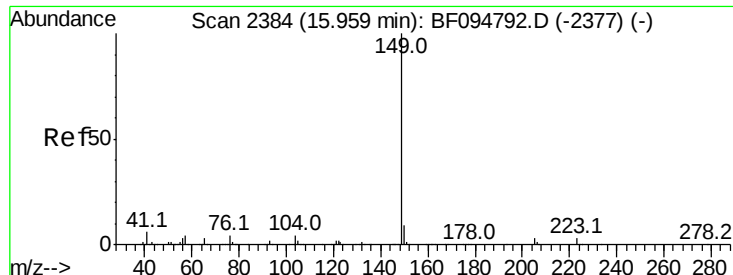
Tot Ion:178 Resp: 729669
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 44.13 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion:167 Resp: 660548
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 13.0 11.7 17.5

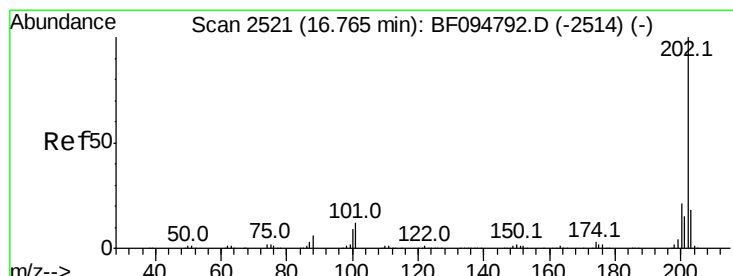
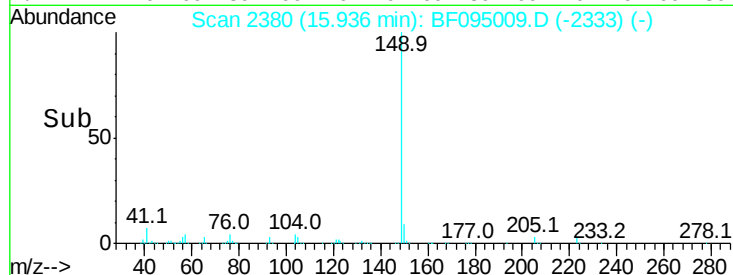
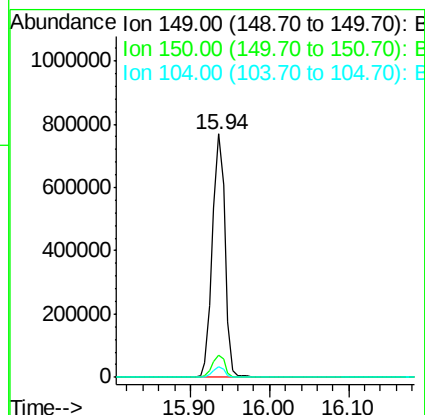
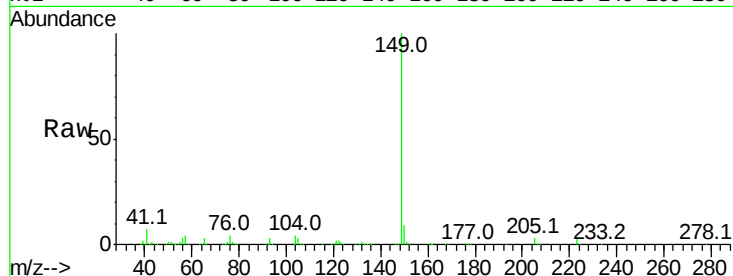




#73
Di-n-butylphthalate
Concen: 45.95 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

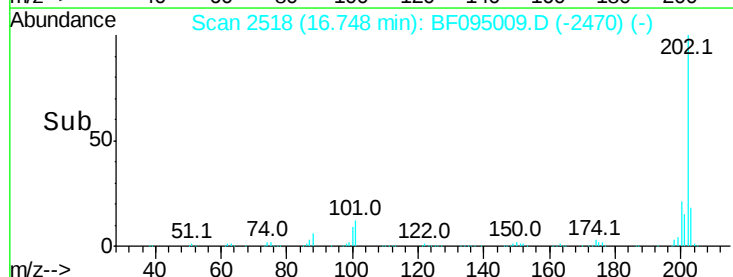
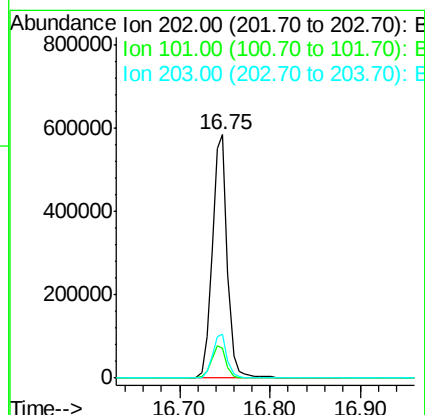
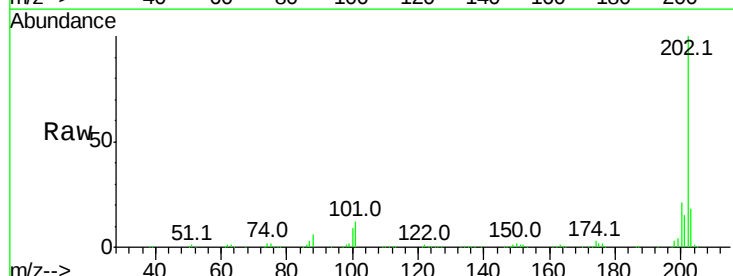
Instrument :
BNA_F
ClientSampleId :

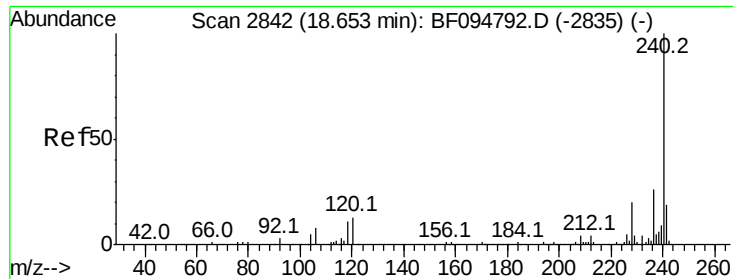
Tot Ion:149 Resp: 857738
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 40.95 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:202 Resp: 676571
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.2
203 17.8 0.0 38.1

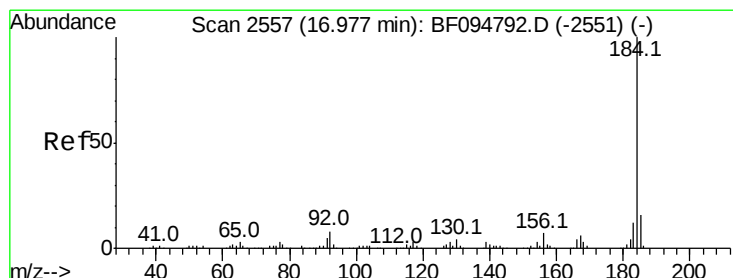
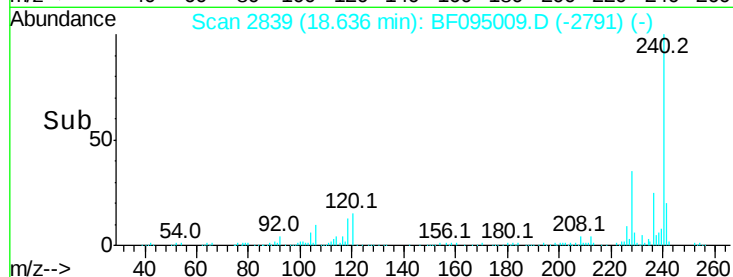
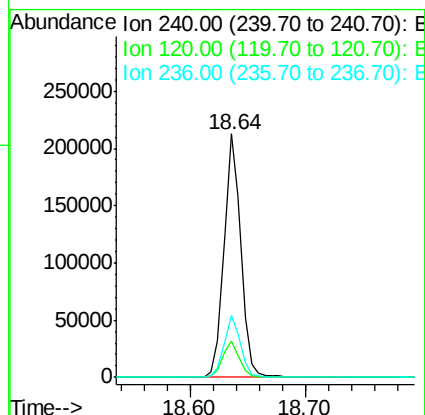
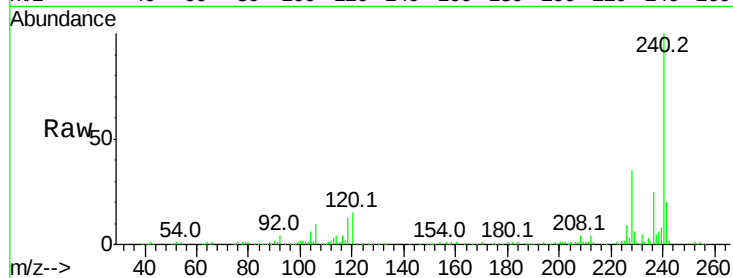




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

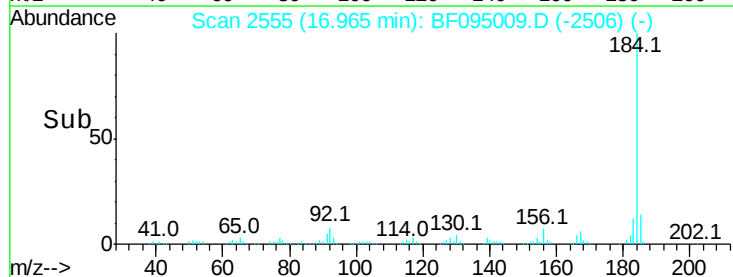
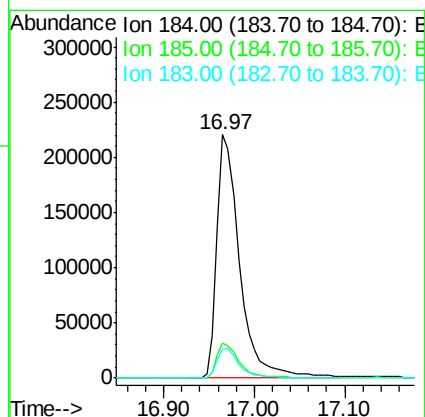
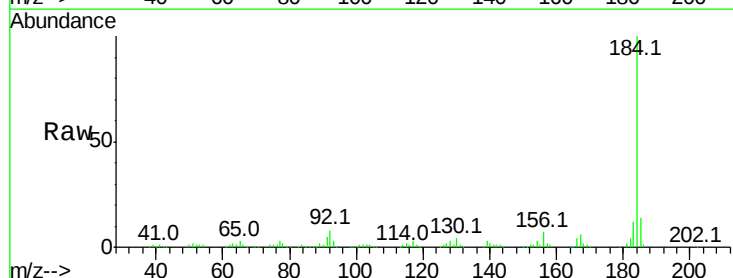
Instrument :
 BNA_F
 ClientSampled :

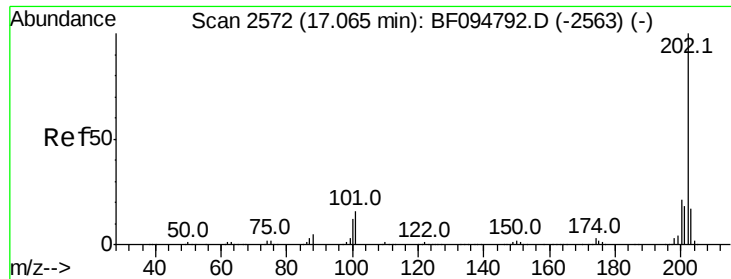
Tot Ion:240 Resp: 215176
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.3 20.5 30.7



#76
 Benzidine
 Concen: 64.09 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion:184 Resp: 387857
 Ion Ratio Lower Upper
 184 100
 185 14.1 15.5 23.3#
 183 11.5 9.8 14.6

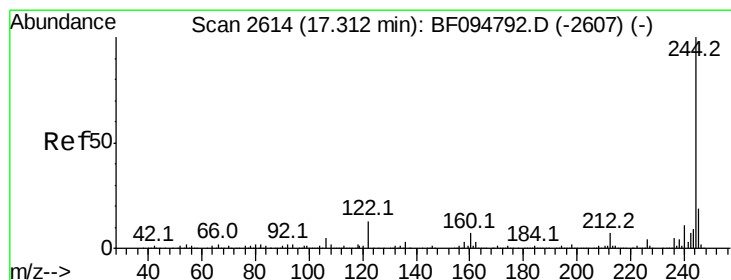
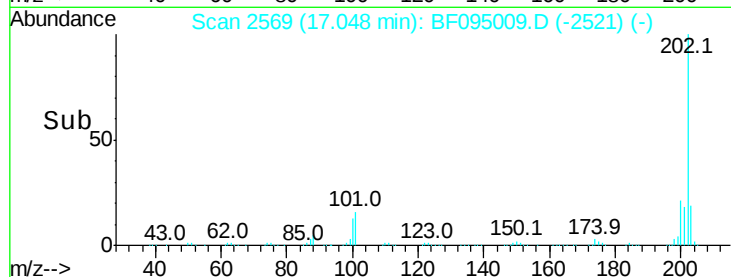
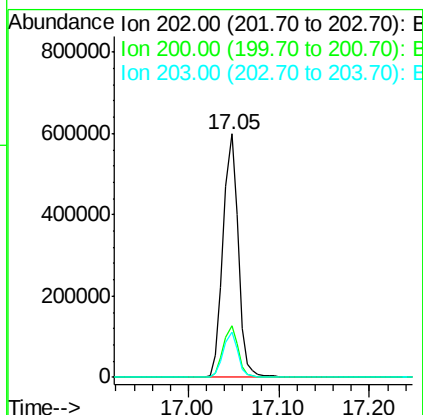
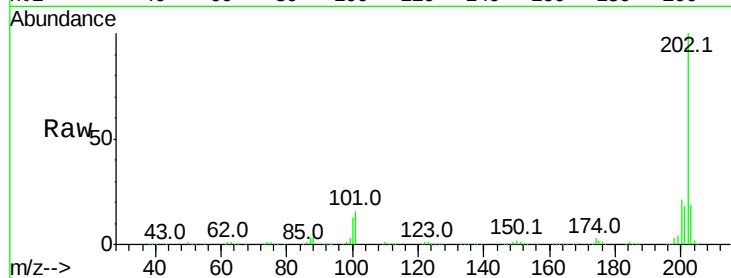




#77
Pvrene
Concen: 43.01 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

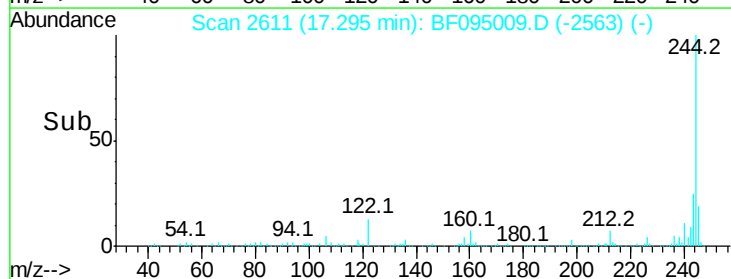
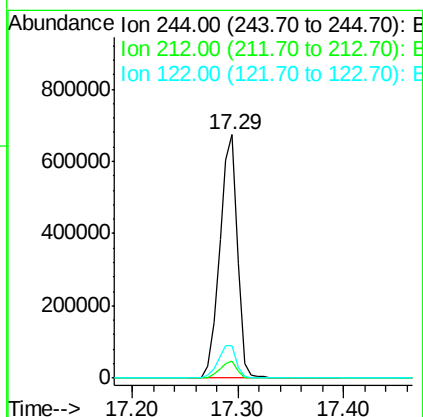
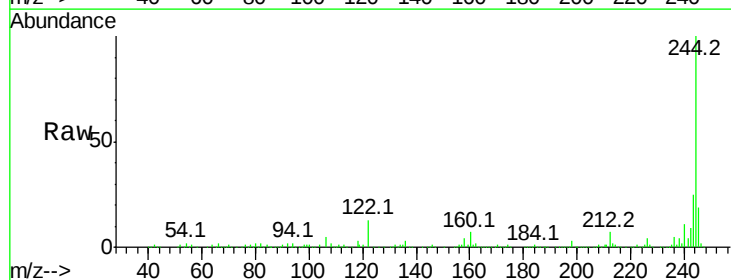
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.5	14.4	21.6



#78
Terphenyl-d14
Concen: 80.84 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.1	10.3	15.5

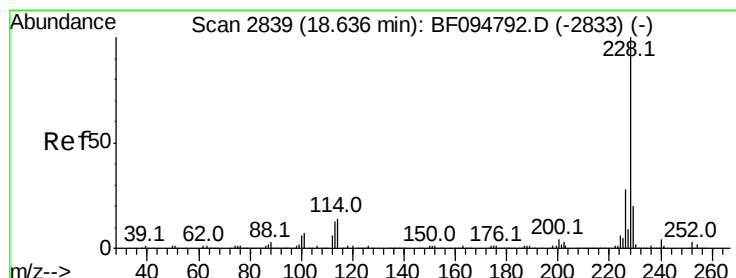
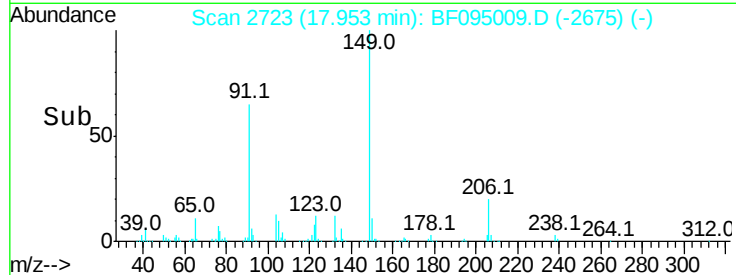
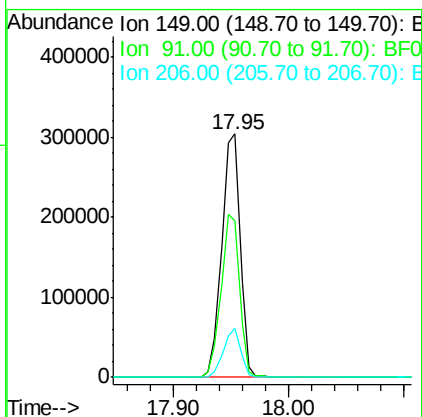
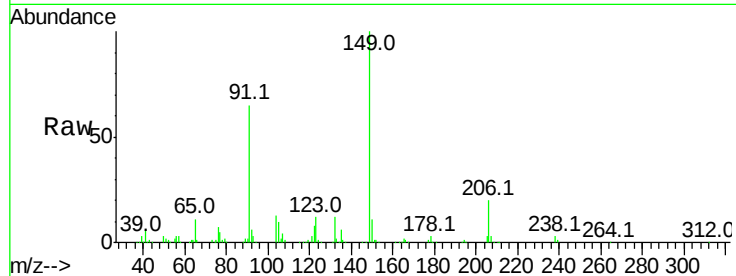




#79
Butylbenzylphthalate
Concen: 45.36 ng
RT: 17.95 min Scan# 2723
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

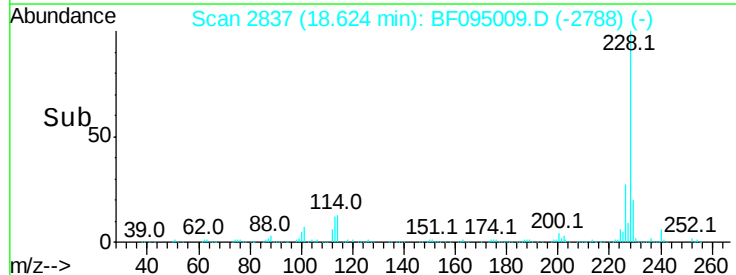
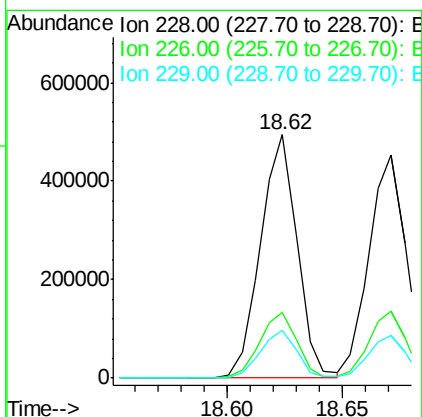
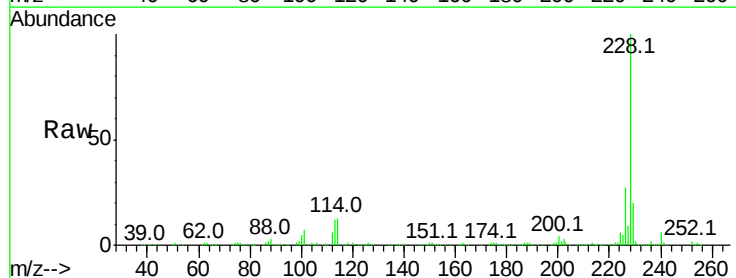
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	45.0	67.4
206	20.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.66 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	16.3	24.5

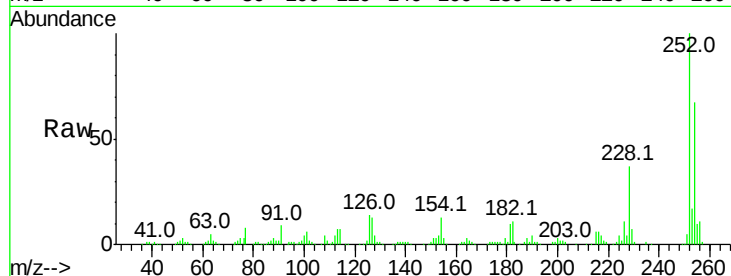




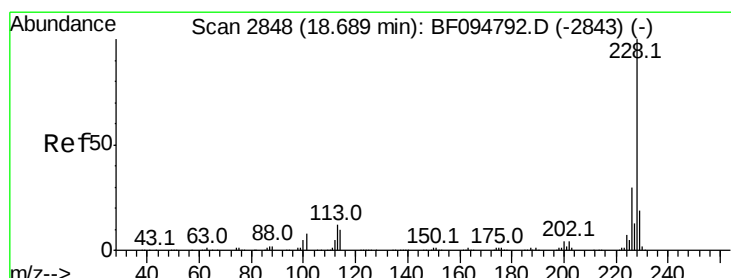
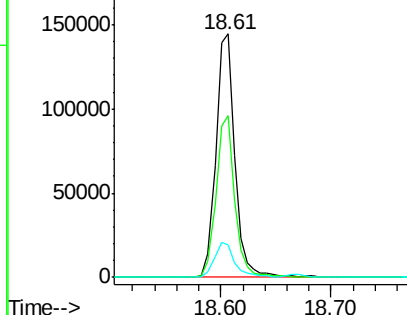
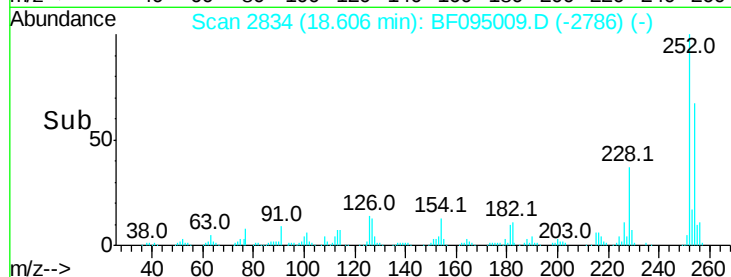
#81
 3,3'-Dichlorobenzidine
 Concen: 39.83 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	51.5	77.3
126	13.6	15.8	23.8#

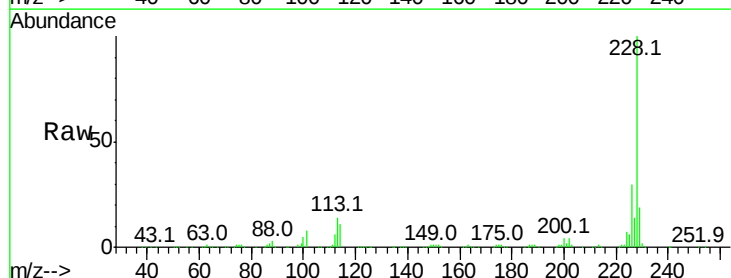


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

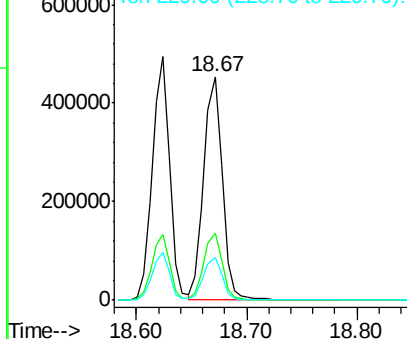
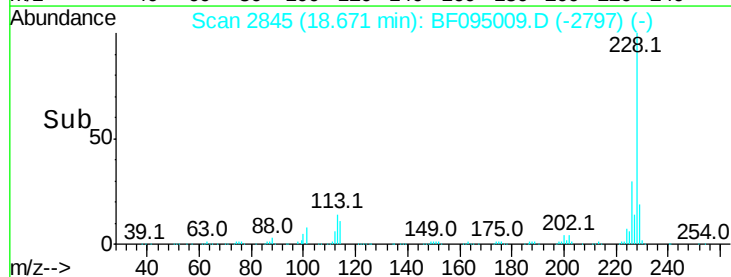


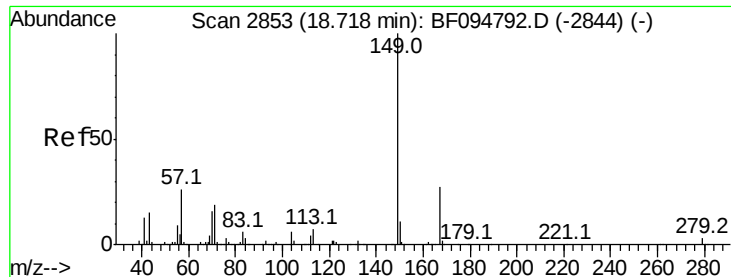
#82
 Chrysene
 Concen: 42.74 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF095009.D
 Acq: 9 May 2017 7:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.3	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.73 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

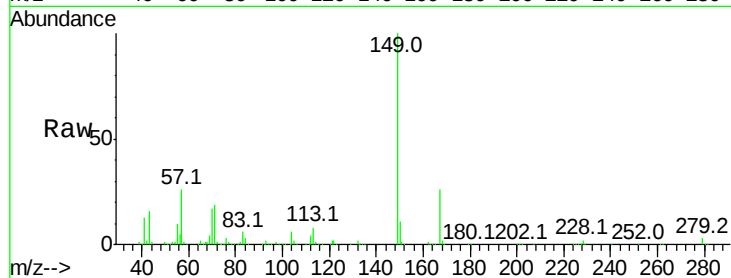
Tot Ion:149 Resp: 477072

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

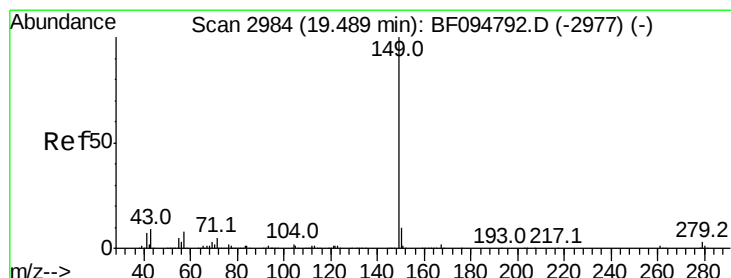
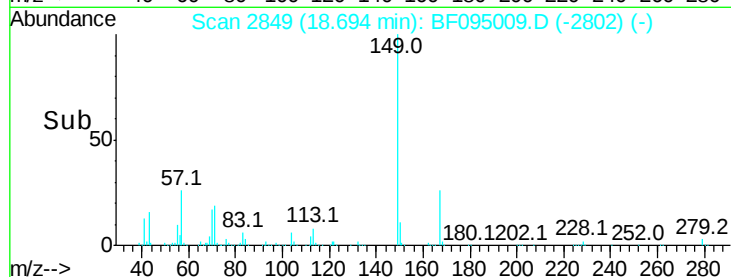
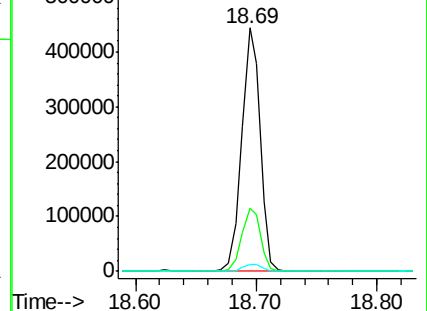
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.10 ng

RT: 19.47 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

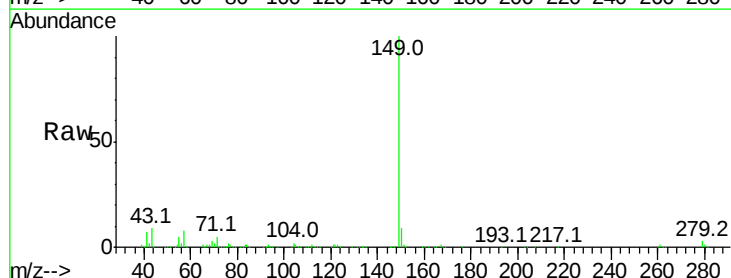
Tgt Ion:149 Resp: 753550

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

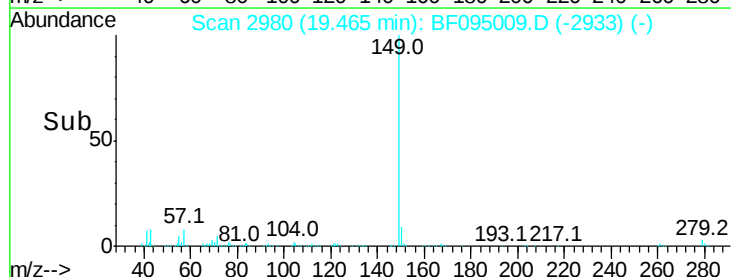
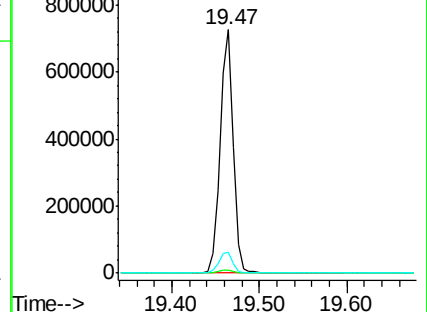
43 9.0 8.5 12.7

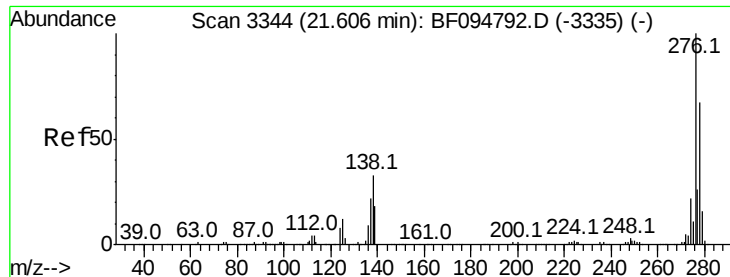


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

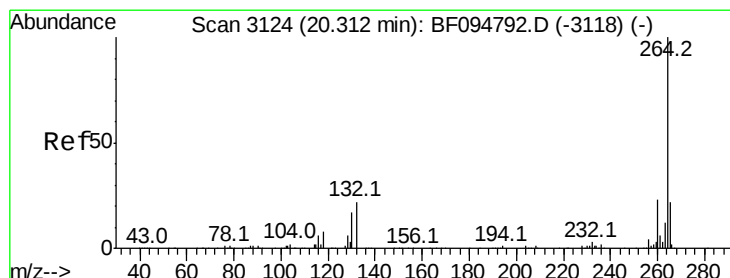
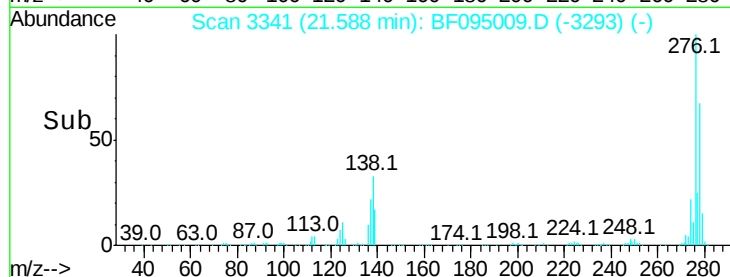
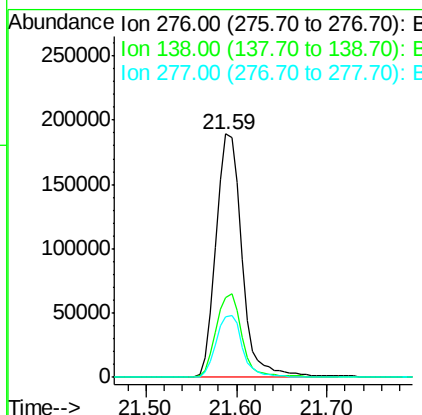
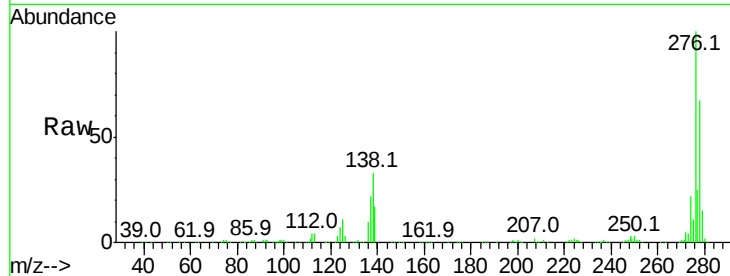




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.38 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

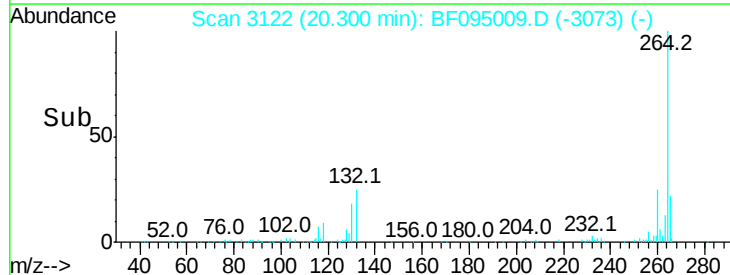
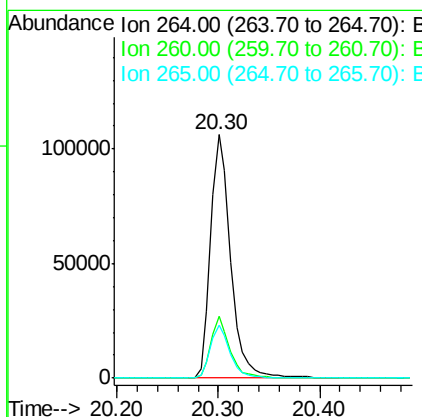
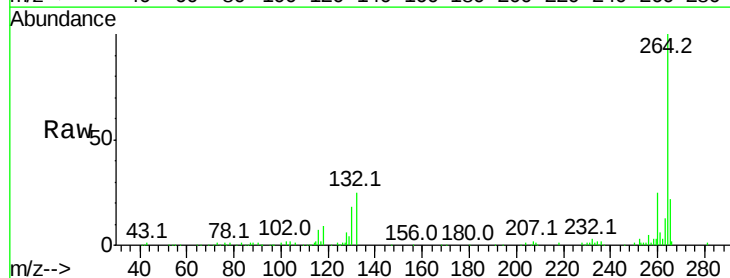
Instrument :
BNA_F
ClientSampleId :

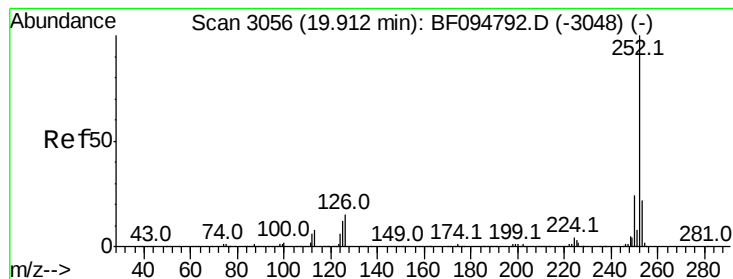
Tot Ion:276 Resp: 377394
Ion Ratio Lower Upper
276 100
138 34.3 27.8 41.6
277 25.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095009.D
Acq: 9 May 2017 7:18

Tgt Ion:264 Resp: 146735
Ion Ratio Lower Upper
264 100
260 25.2 19.5 29.3
265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 45.53 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

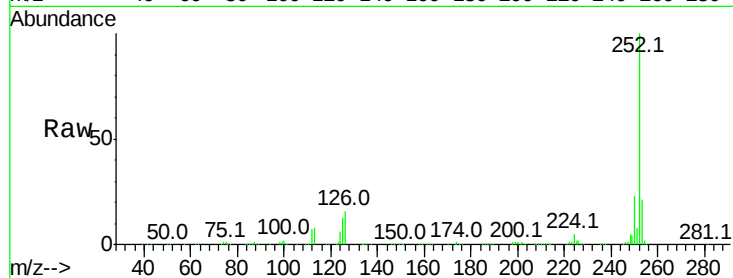
Tot Ion:252 Resp: 412822

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

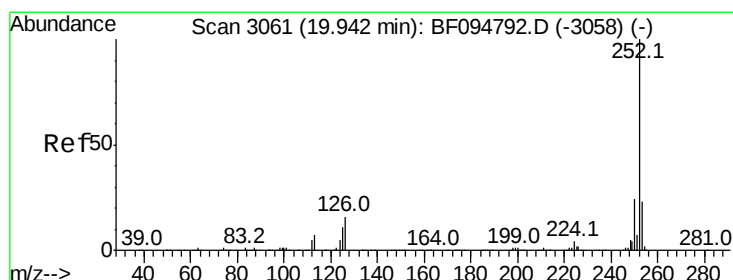
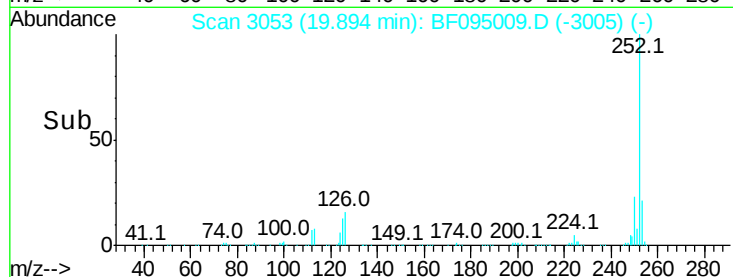
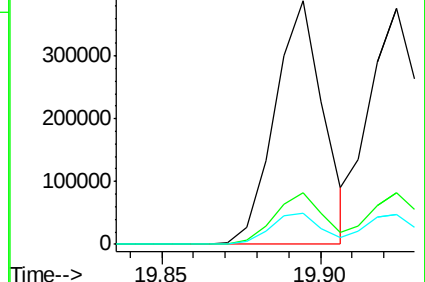
125 12.6 9.8 14.8



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: 49.30 ng

RT: 19.92 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

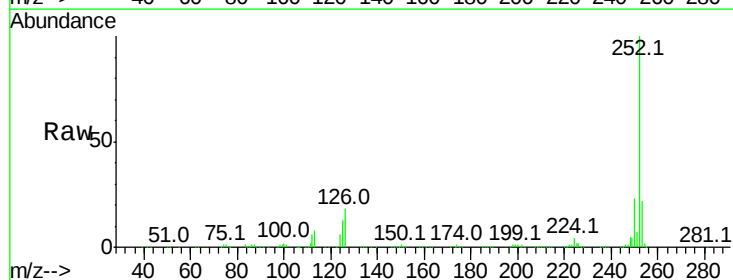
Tgt Ion:252 Resp: 431142

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

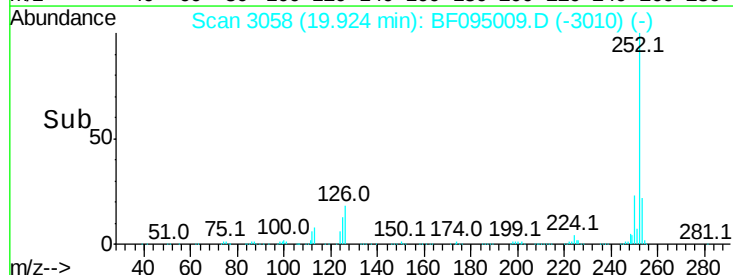
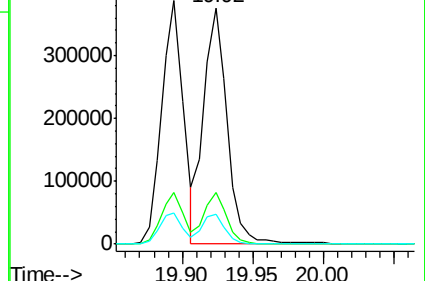
125 12.9 13.1 19.7#

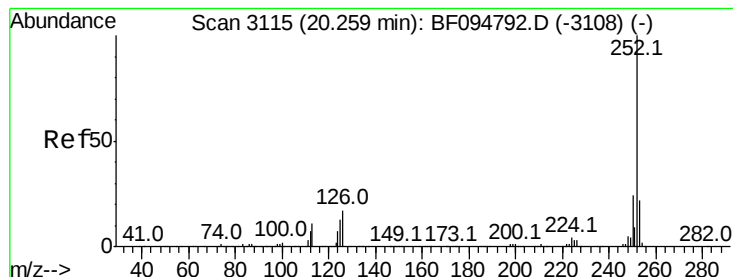


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.82 ng

RT: 20.24 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :

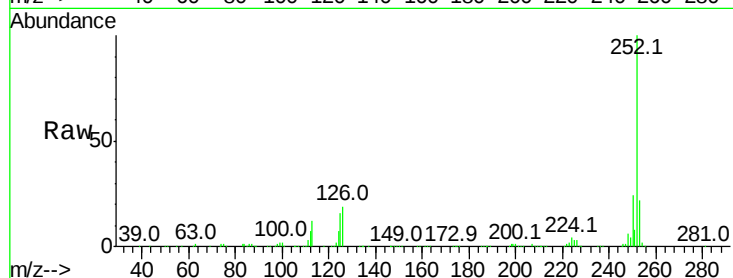
Tot Ion:252 Resp: 391704

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

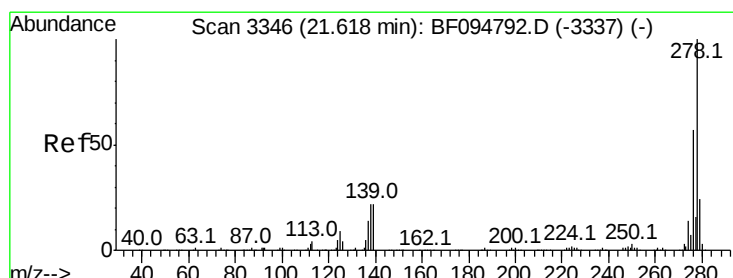
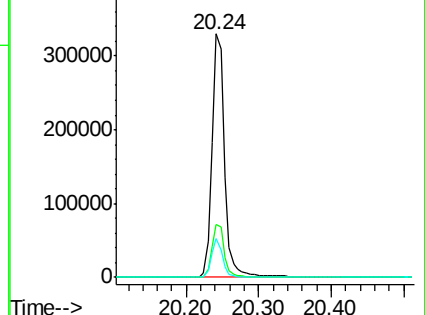
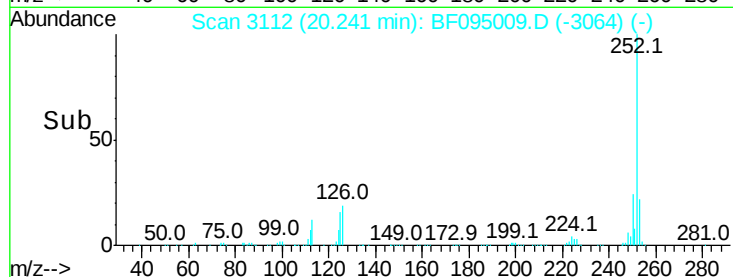
125 15.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.65 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF095009.D

Acq: 9 May 2017 7:18

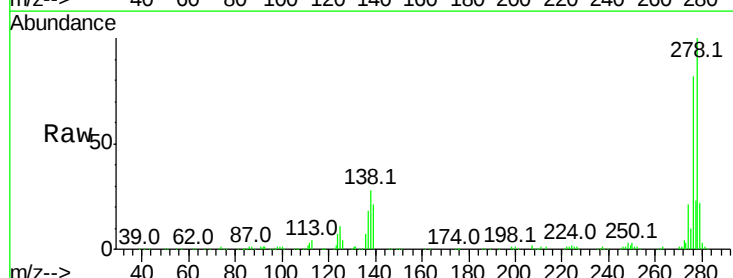
Tgt Ion:278 Resp: 322353

Ion Ratio Lower Upper

278 100

139 21.1 16.6 24.8

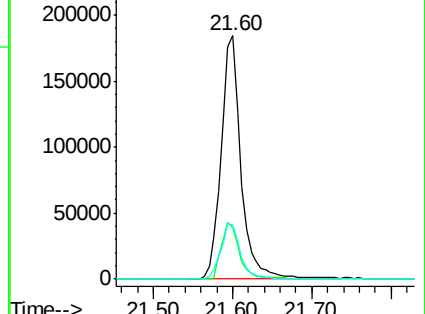
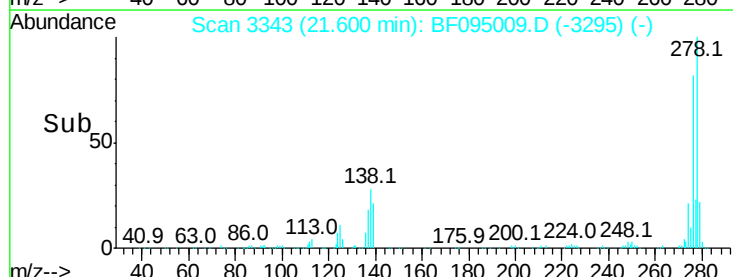
279 22.4 19.3 28.9

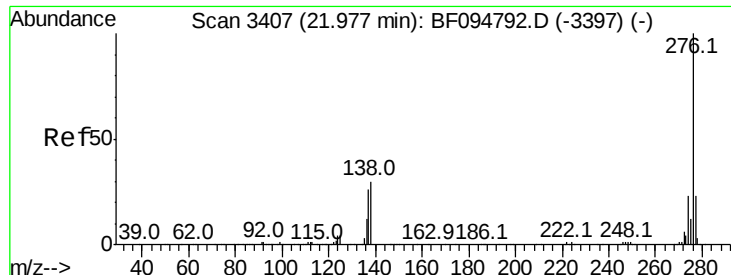


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.70 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

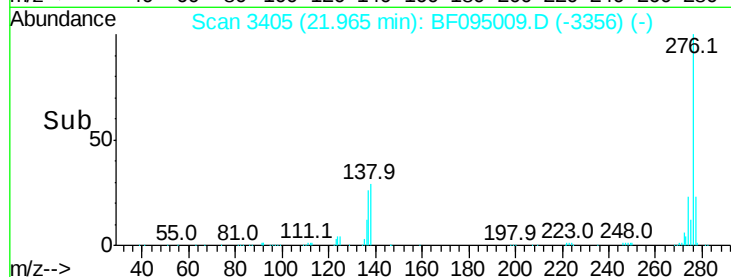
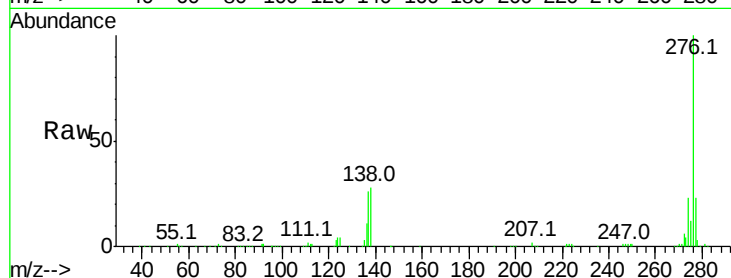
Lab File: BF095009.D

Acq: 9 May 2017 7:18

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	323449
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	28.4	25.4	38.0

