

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094851.D
 Acq On : 4 May 2017 00:18
 Operator : SJ/MA
 Sample : I2940-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:13:45 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	7.73	152	96111	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	383443	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	172072	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	283611	20.00	ng	0.00
75) Chrysene-d12	18.64	240	188591	20.00	ng	-0.01
86) Perylene-d12	20.30	264	176918	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	760695	131.96	ng	0.01
7) Phenol-d6	7.28	99	924897	133.72	ng	0.00
23) Nitrobenzene-d5	8.63	82	547764	90.08	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	182000	129.15	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1011739	84.63	ng	0.00
78) Terphenyl-d14	17.30	244	681781	79.63	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.15	88	108248	38.29	ng	95
3) Pyridine	2.83	79	240664	36.73	ng	96
4) n-Nitrosodimethylamine	2.75	42	120935	44.28	ng	90
6) Aniline	7.23	93	130642	14.96	ng	96
8) 2-Chlorophenol	7.42	128	292868	44.63	ng	96
9) Benzaldehyde	7.04	77	50384	11.93	ng	96
10) Phenol	7.30	94	332993	45.69	ng	88
11) bis(2-Chloroethyl)ether	7.37	93	255612	42.48	ng	96
12) 1,3-Dichlorobenzene	7.64	146	303031	40.71	ng	98
13) 1,4-Dichlorobenzene	7.75	146	310036	41.07	ng	97
14) 1,2-Dichlorobenzene	7.99	146	295897	42.00	ng	97
15) Benzyl Alcohol	8.01	79	226805	50.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	333092	39.11	ng	53
17) 2-Methylphenol	8.22	107	229399	42.72	ng	# 89
18) Hexachloroethane	8.51	117	102018	39.90	ng	88
19) n-Nitroso-di-n-propylamine	8.44	70	197572	42.23	ng	96
20) 3+4-Methylphenols	8.48	107	311110	42.64	ng	# 59
22) Acetophenone	8.40	105	400675	43.55	ng	# 85
24) Nitrobenzene	8.66	77	278045	43.62	ng	91
25) Isophorone	9.05	82	496394	45.72	ng	96
26) 2-Nitrophenol	9.16	139	157838	45.89	ng	97
27) 2,4-Dimethylphenol	9.30	122	247289	44.47	ng	98
28) bis(2-Chloroethoxy)methane	9.42	93	318748	42.44	ng	99
29) 2,4-Dichlorophenol	9.58	162	244645	46.60	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	237468	42.22	ng	99
31) Naphthalene	9.78	128	809593	42.01	ng	99
32) Benzoic acid	9.57	122	72471	22.83	ng	93
33) 4-Chloroaniline	9.94	127	81647	11.37	ng	92
34) Hexachlorobutadiene	10.00	225	120987	40.76	ng	98
35) Caprolactam	10.54	113	39226	24.88	ng	92
36) 4-Chloro-3-methylphenol	10.78	107	246105	43.84	ng	91
37) 2-Methylnaphthalene	10.91	142	552993	43.72	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	218830	41.35	ng	99
40) Hexachlorocyclopentadiene	11.17	237	117922	55.05	ng	99

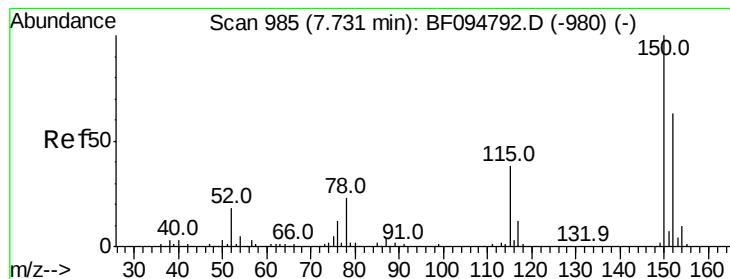
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094851.D
 Acq On : 4 May 2017 00:18
 Operator : SJ/MA
 Sample : I2940-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:13:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	158933	44.98	nq	98
43) 2,4,5-Trichlorophenol	11.49	196	161775	42.60	nq	# 92
45) 1,1'-Biphenyl	11.67	154	616322	42.54	nq	98
46) 2-Chloronaphthalene	11.69	162	484536	41.42	nq	96
47) 2-Nitroaniline	11.90	65	135275	42.25	nq	# 80
48) Acenaphthylene	12.35	152	784267	42.80	nq	98
49) Dimethylphthalate	12.22	163	665879	47.14	nq	100
50) 2,6-Dinitrotoluene	12.31	165	127467	44.23	nq	94
51) Acenaphthene	12.63	154	454211	41.50	nq	100
52) 3-Nitroaniline	12.57	138	63780	20.62	nq	# 88
53) 2,4-Dinitrophenol	12.77	184	108526	69.28	nq	# 69
54) Dibenzofuran	12.92	168	689250	45.51	nq	98
55) 4-Nitrophenol	12.95	139	164658	88.63	nq	# 72
56) 2,4-Dinitrotoluene	12.97	165	165916	44.80	nq	# 89
57) Fluorene	13.47	166	546436	41.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	116208	48.62	nq	# 94
59) Diethylphthalate	13.37	149	538348	39.76	nq	100
60) 4-Chlorophenyl-phenylether	13.49	204	242898	41.97	nq	93
61) 4-Nitroaniline	13.57	138	106731	37.59	nq	96
62) Azobenzene	13.75	77	494062	45.41	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	79932	42.04	nq	# 67
65) n-Nitrosodiphenylamine	13.71	169	459688	44.66	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	131978	44.05	nq	100
67) Hexachlorobenzene	14.37	284	128383	41.81	nq	# 91
68) Atrazine	14.62	200	132262	45.51	nq	96
69) Pentachlorophenol	14.71	266	122719	87.77	nq	98
70) Phenanthrene	15.01	178	712430	43.72	nq	98
71) Anthracene	15.09	178	731797	43.96	nq	98
72) Carbazole	15.38	167	639659	42.24	nq	97
73) Di-n-butylphthalate	15.95	149	795117	42.10	nq	98
74) Fluoranthene	16.75	202	708466	42.38	nq	99
76) Benzidine	16.98	184	33344	12.23	nq	# 92
77) Pyrene	17.05	202	685310	48.59	nq	98
79) Butylbenzylphthalate	17.96	149	288311	43.95	nq	# 87
80) Benzo(a)anthracene	18.63	228	498501	45.42	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	87672	23.13	nq	# 95
82) Chrysene	18.67	228	463289	43.65	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	401341	42.94	nq	# 99
84) Di-n-octyl phthalate	19.48	149	649328	42.37	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	444724	51.60	nq	98
87) Benzo(b)fluoranthene	19.90	252	491007	44.91	nq	98
88) Benzo(k)fluoranthene	19.93	252	432797	41.04	nq	# 94
89) Benzo(a)pyrene	20.25	252	444126	44.03	nq	98
90) Dibenzo(a,h)anthracene	21.61	278	357168	42.87	nq	98
91) Benzo(g,h,i)perylene	21.97	276	363538	44.47	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

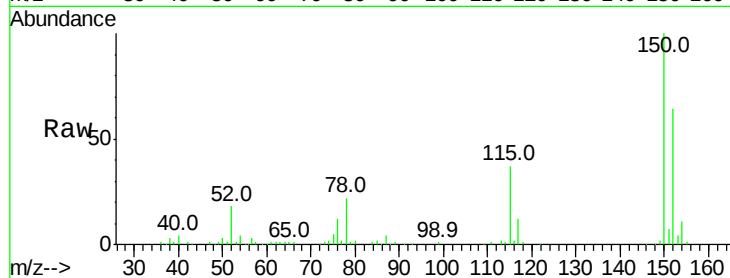
Tot Ion:152 Resp: 96111

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

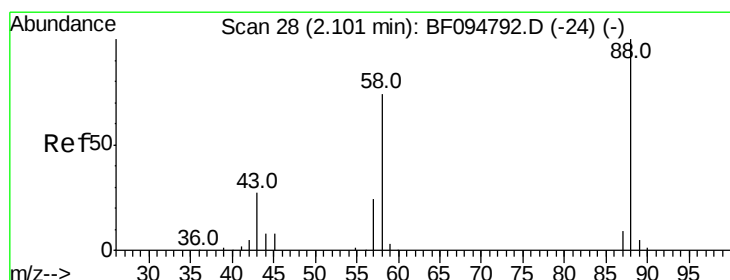
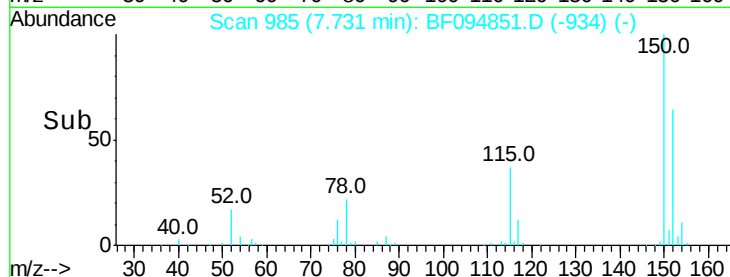
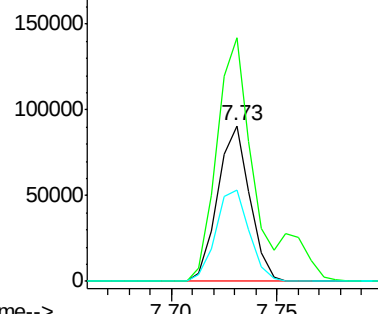
115 58.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.15 min Scan# 37

Delta R.T. 0.05 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

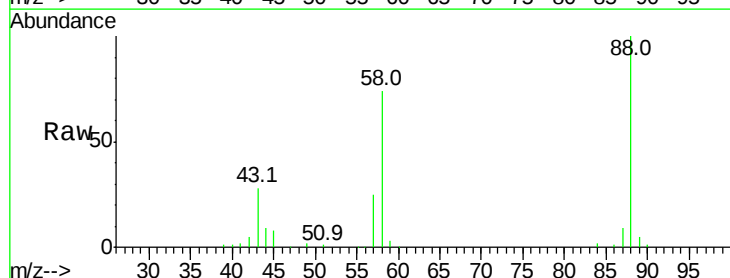
Tgt Ion: 88 Resp: 108248

Ion Ratio Lower Upper

88 100

58 72.4 61.4 92.0

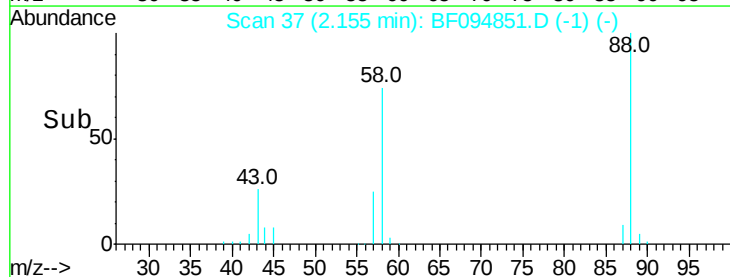
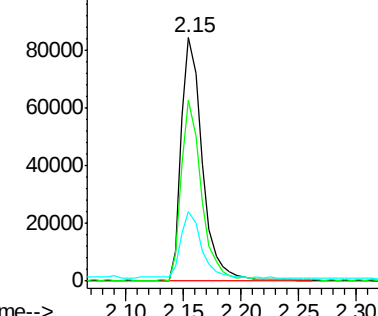
43 26.8 23.4 35.0



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

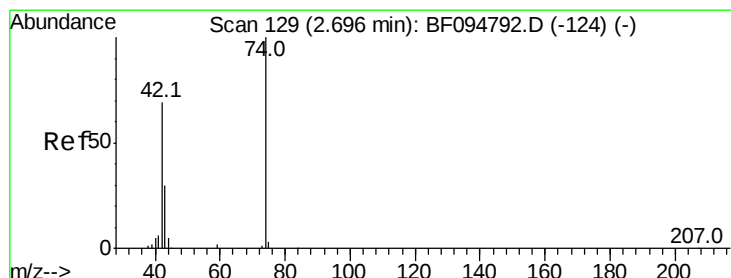
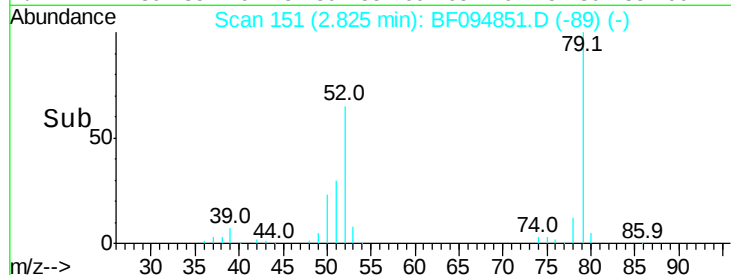
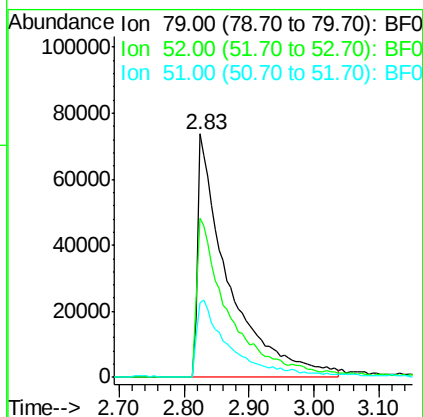
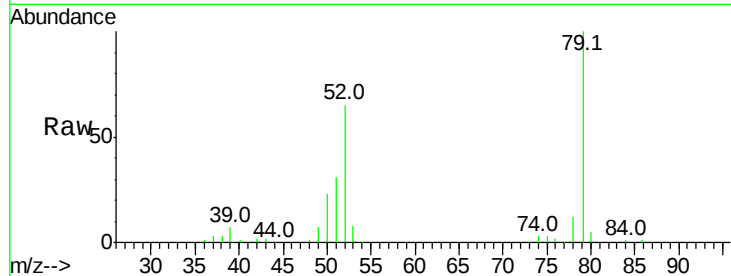




#3
 Pvridine
 Concen: 36.73 ng
 RT: 2.83 min Scan# 151
 Delta R.T. 0.06 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

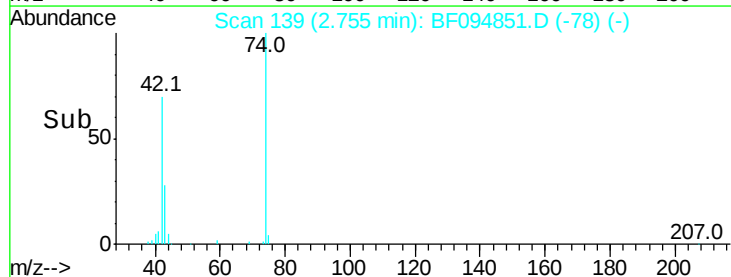
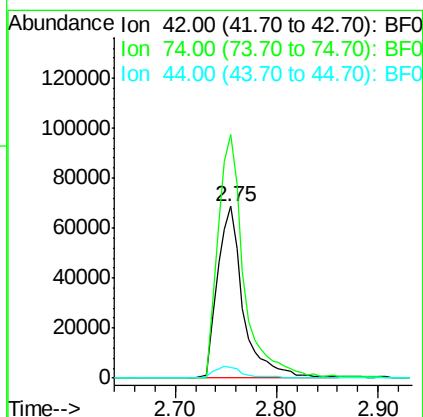
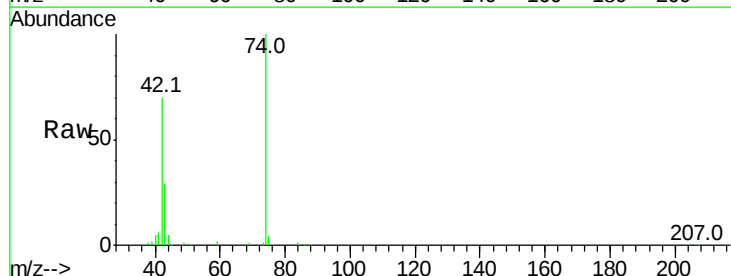
Instrument :
 BNA_F
 ClientSampled :

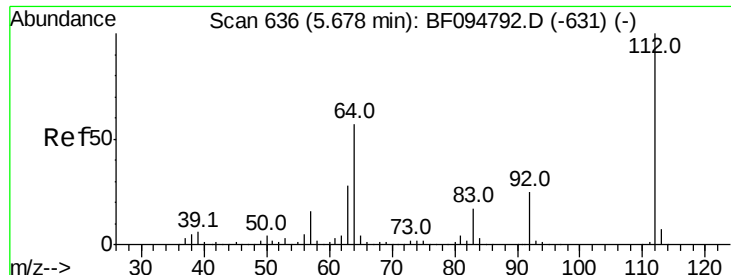
Tot Ion: 79 Resp: 240664
 Ion Ratio Lower Upper
 79 100
 52 65.4 54.8 82.2
 51 30.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 44.28 ng
 RT: 2.75 min Scan# 139
 Delta R.T. 0.06 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion: 42 Resp: 120935
 Ion Ratio Lower Upper
 42 100
 74 141.9 103.9 155.9
 44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 131.96 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

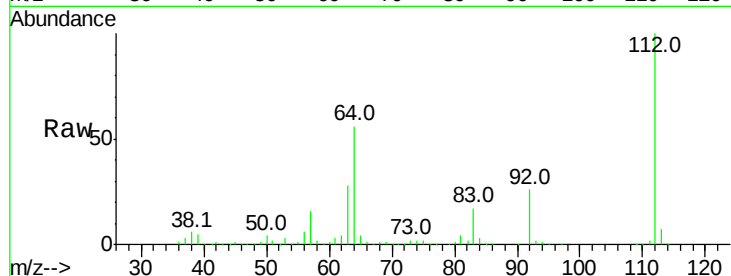
Tot Ion:112 Resp: 760695

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

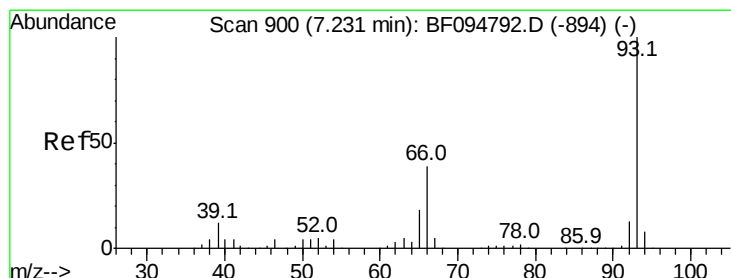
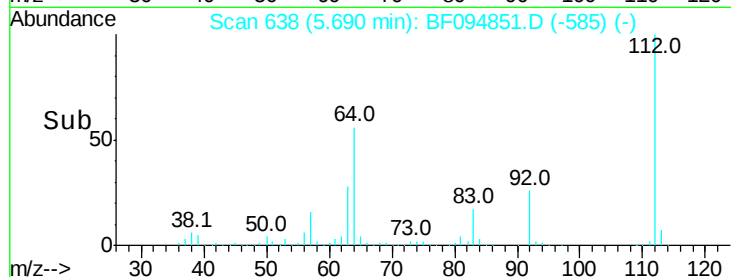
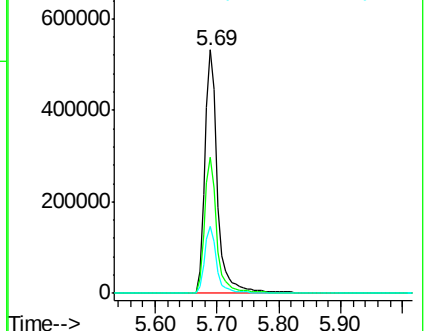
63 27.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.96 ng

RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

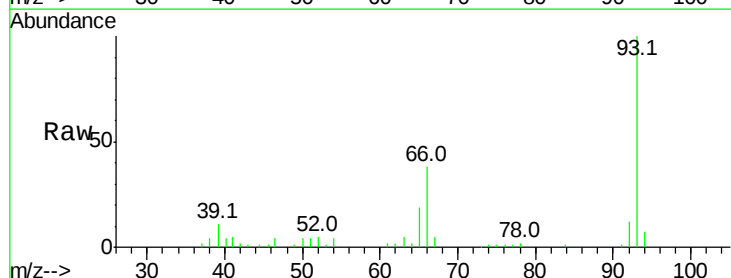
Tgt Ion: 93 Resp: 130642

Ion Ratio Lower Upper

93 100

66 37.8 32.9 49.3

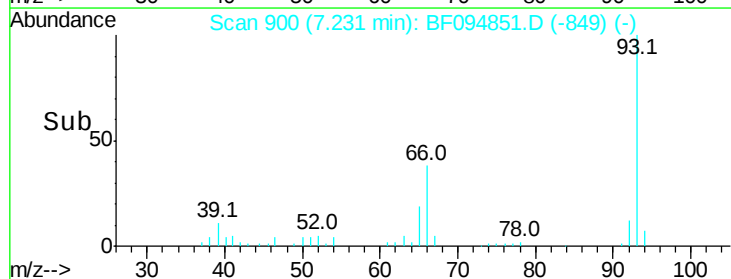
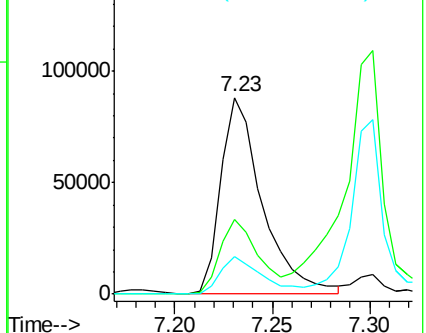
65 19.0 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.72 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

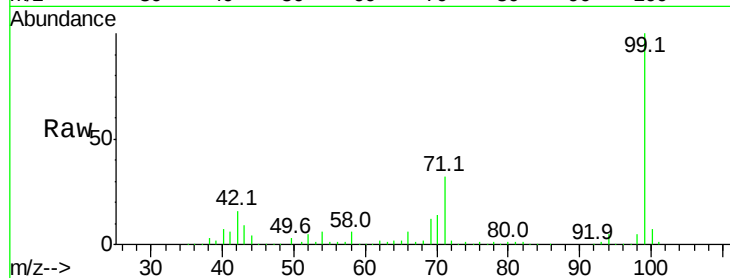
Tot Ion: 99 Resp: 924897

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.5	24.5	36.7

99 100

42 16.5 13.5 20.3

71 32.5 24.5 36.7

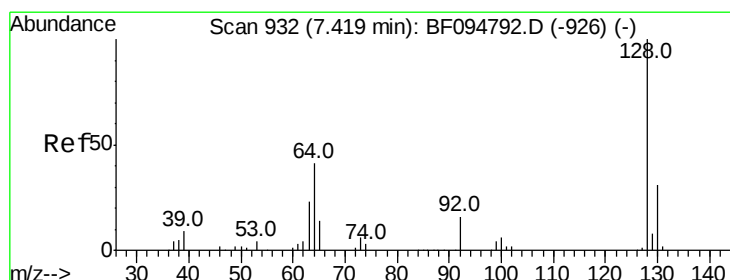
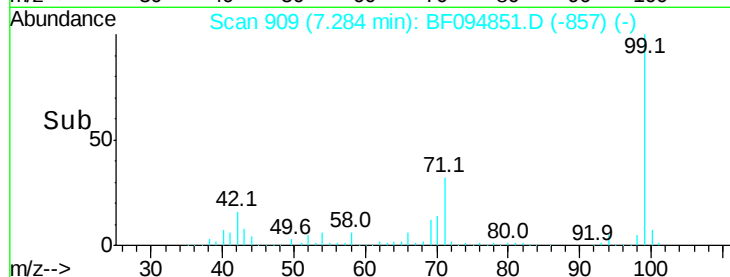
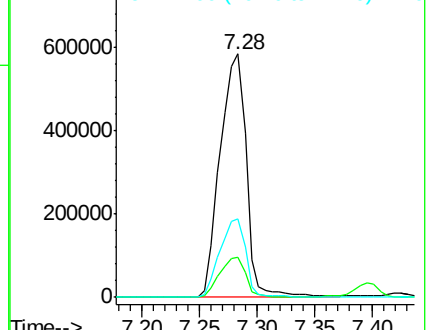


Abundance

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: 44.63 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

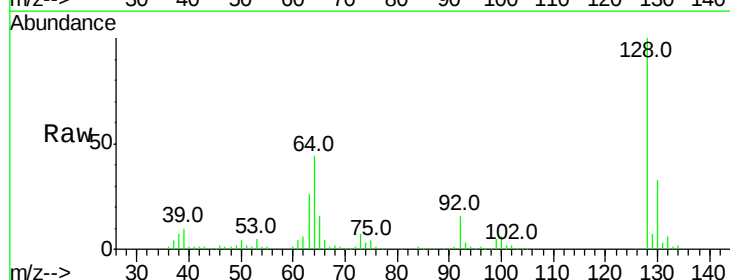
Tgt Ion:128 Resp: 292868

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	44.3	28.4	68.4

128 100

130 32.8 12.9 52.9

64 44.3 28.4 68.4

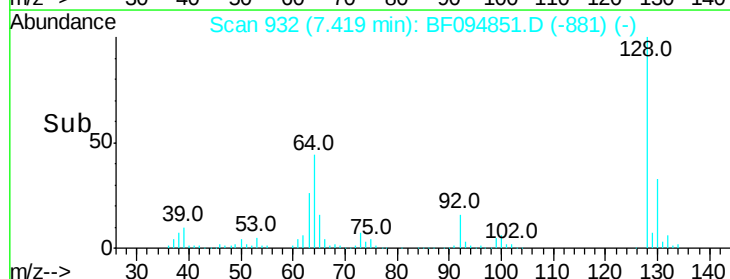
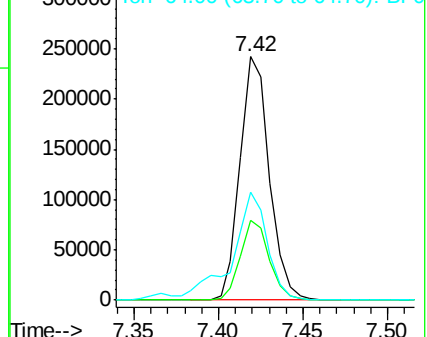


Abundance

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: 11.93 ng

RT: 7.04 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampled :

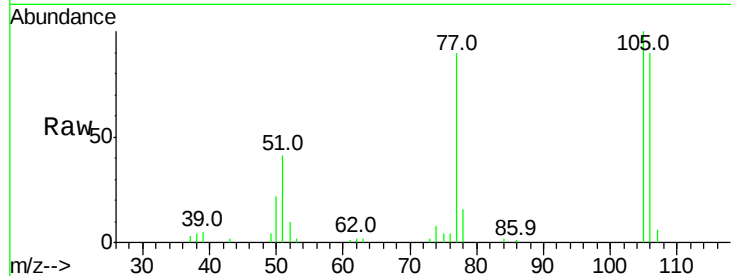
Tot Ion: 77 Resp: 50384

Ion Ratio Lower Upper

77 100

105 110.9 83.8 123.8

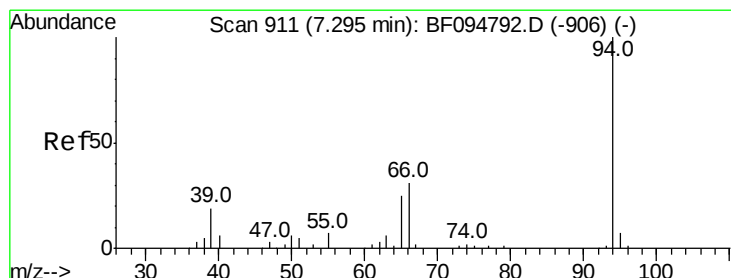
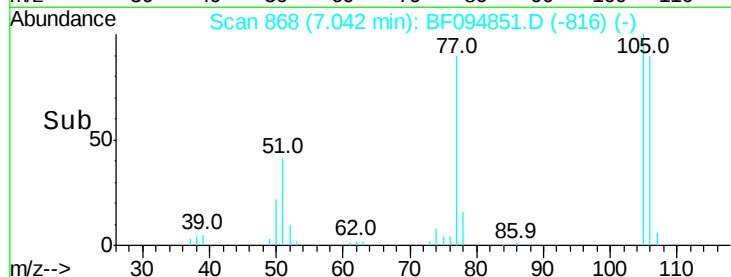
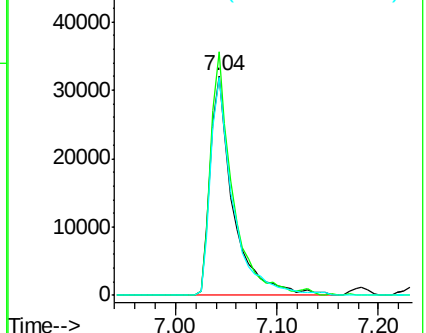
106 99.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.69 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

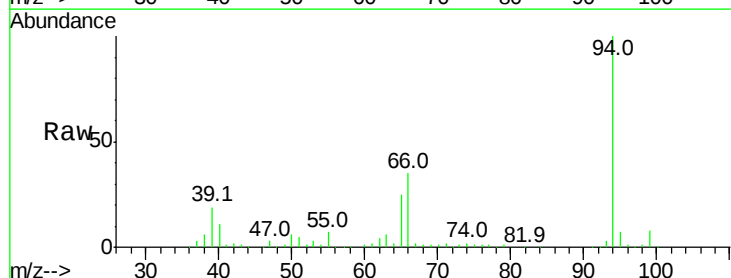
Tgt Ion: 94 Resp: 332993

Ion Ratio Lower Upper

94 100

65 24.8 9.9 49.9

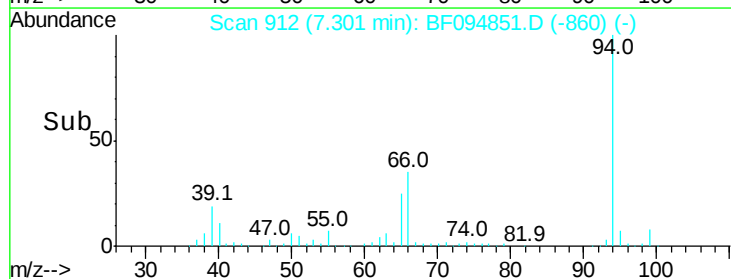
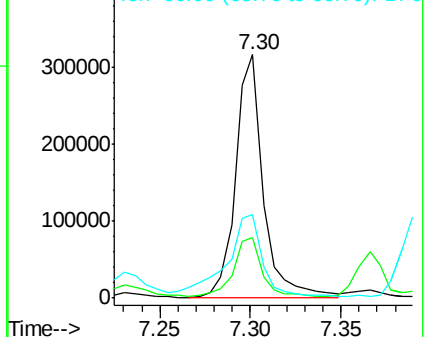
66 34.6 23.1 63.1

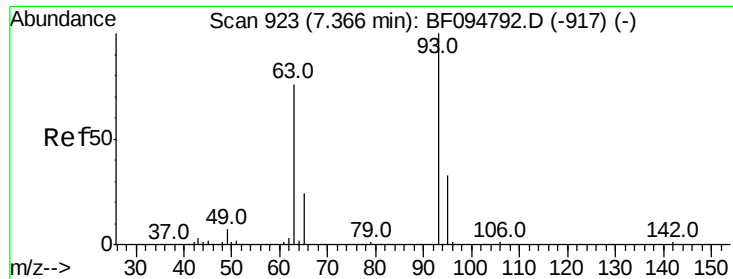


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

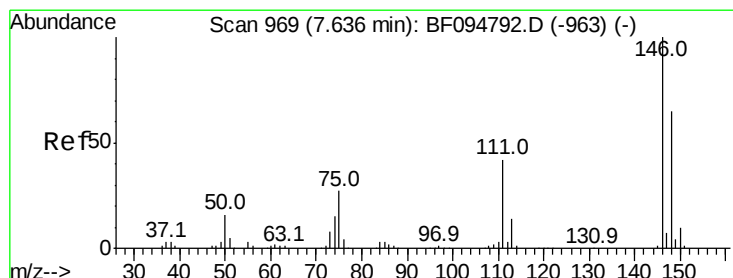
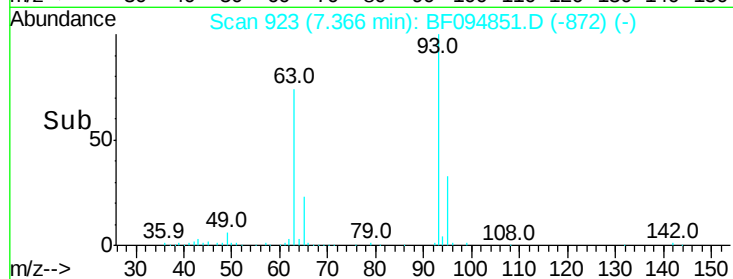
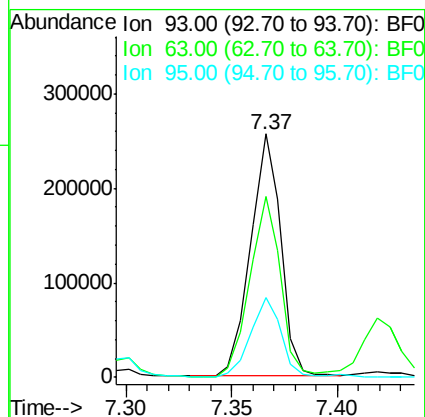
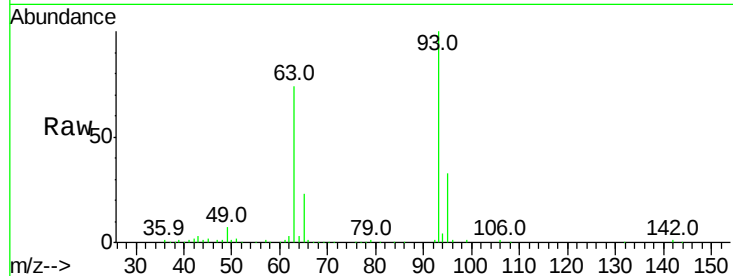




#11
bis(2-Chloroethyl)ether
Concen: 42.48 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

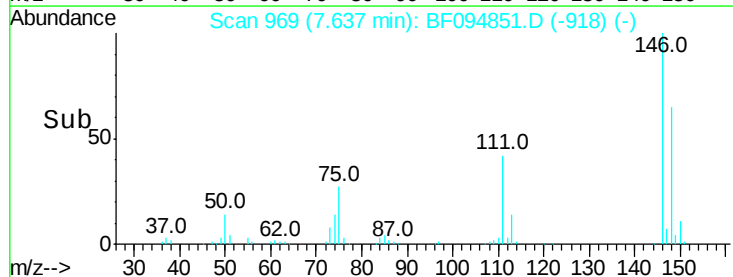
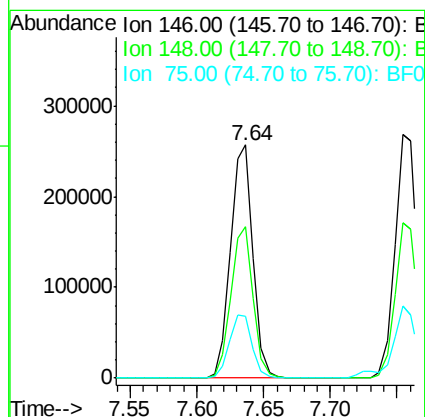
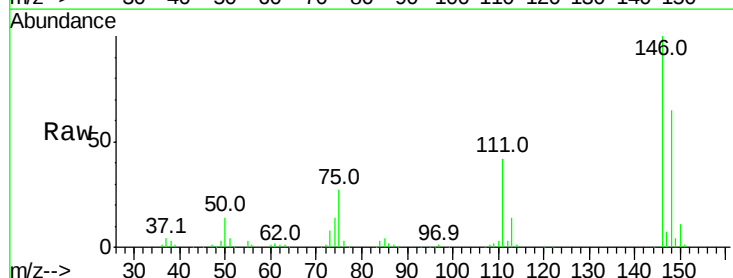
Instrument :
BNA_F
ClientSampleId :

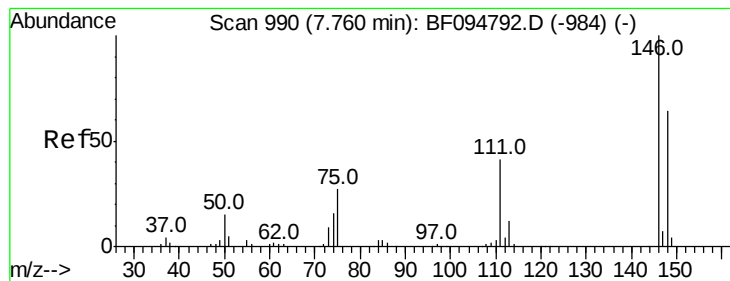
Tot Ion: 93 Resp: 255612
Ion Ratio Lower Upper
93 100
63 74.3 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 7.64 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion: 146 Resp: 303031
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
75 26.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.07 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

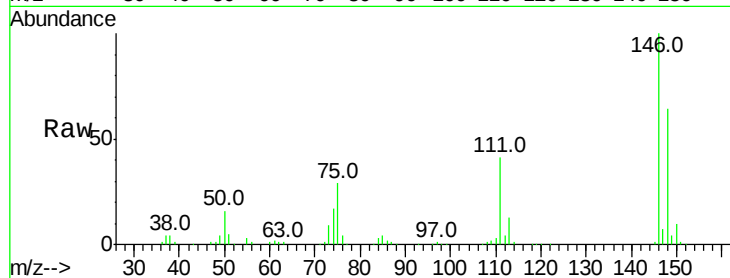
Tot Ion:146 Resp: 310036

Ion Ratio Lower Upper

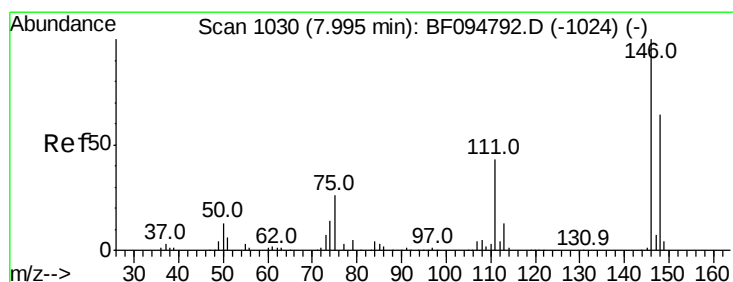
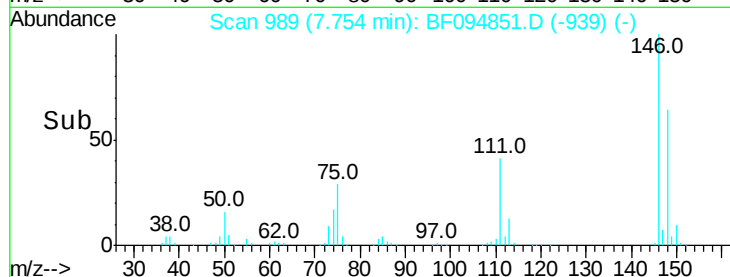
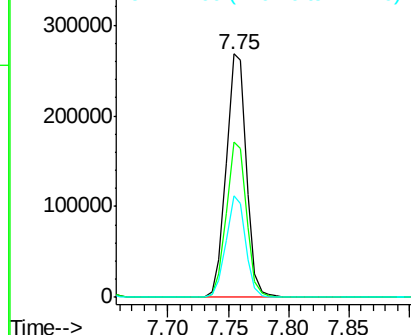
146 100

148 64.0 52.2 78.2

111 41.5 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.00 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

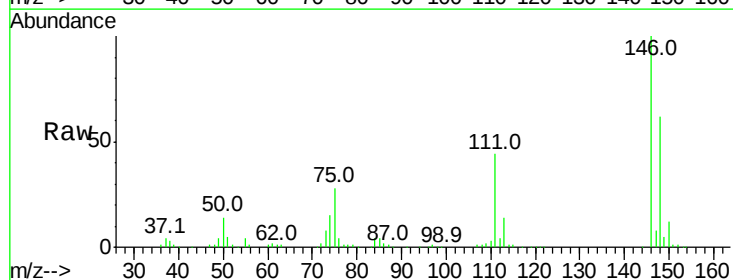
Tgt Ion:146 Resp: 295897

Ion Ratio Lower Upper

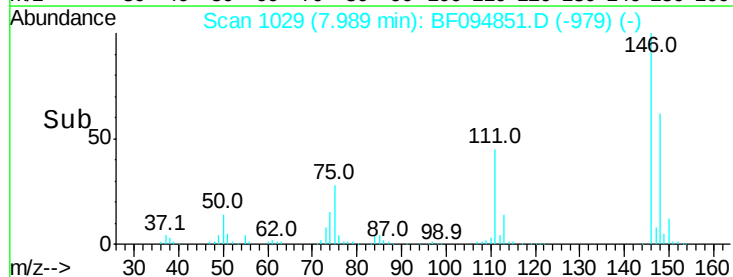
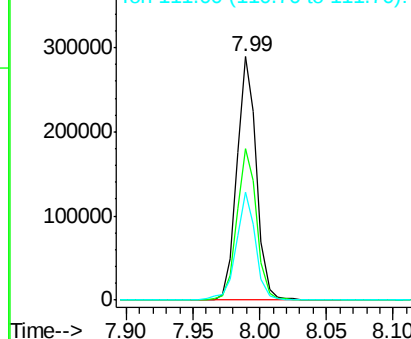
146 100

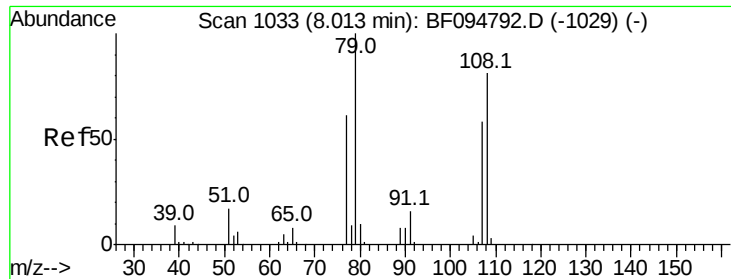
148 62.4 50.4 75.6

111 44.5 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

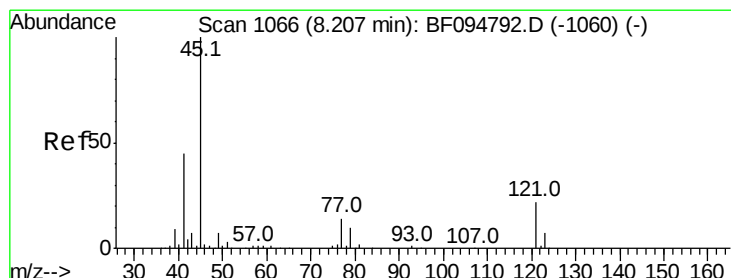
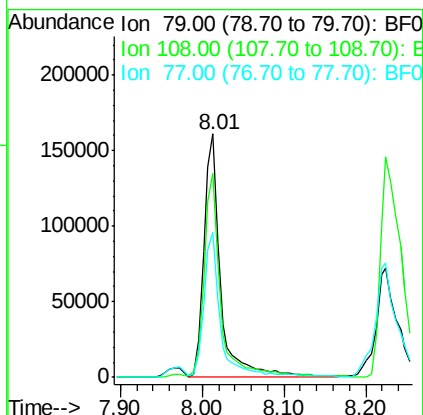
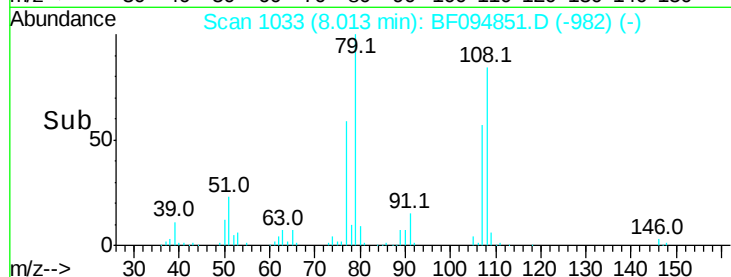
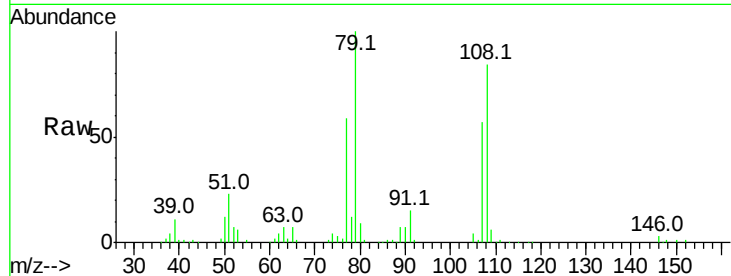




#15
Benzyl Alcohol
Concen: 50.98 ng
RT: 8.01 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

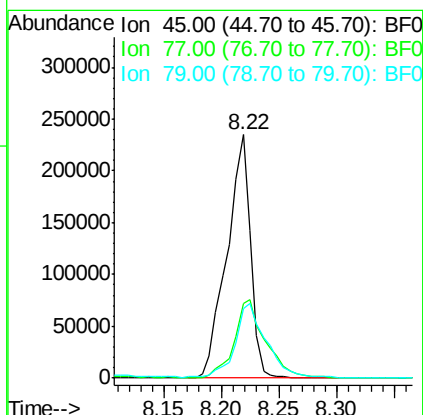
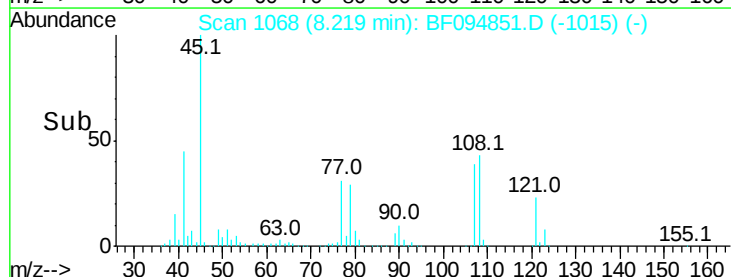
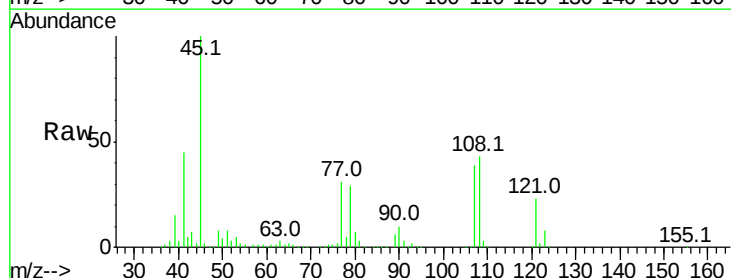
Instrument :
BNA_F
ClientSampleId :

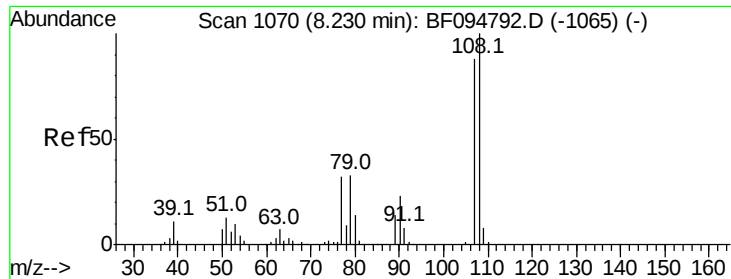
Tot Ion: 79 Resp: 226805
Ion Ratio Lower Upper
79 100
108 83.6 63.4 95.0
77 59.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.11 ng
RT: 8.22 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion: 45 Resp: 333092
Ion Ratio Lower Upper
45 100
77 30.8 0.0 33.2
79 28.8 0.0 30.0

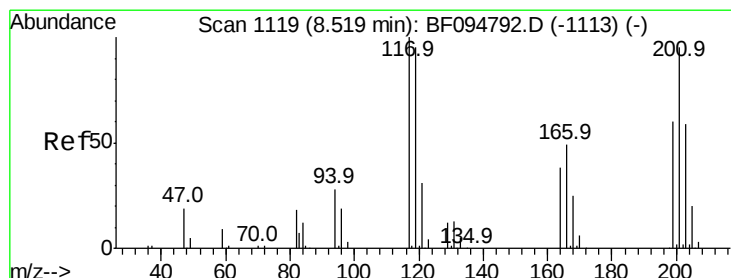
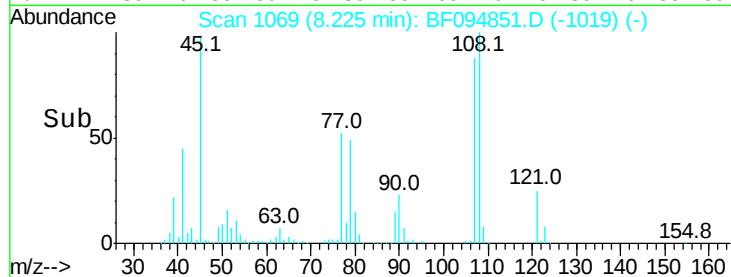
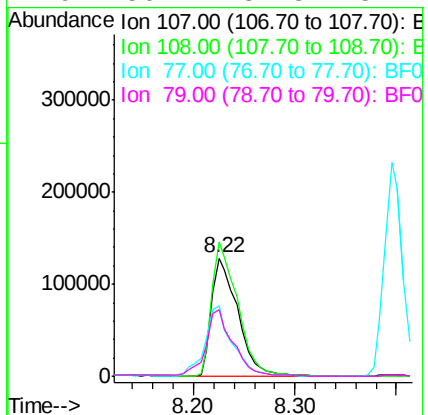
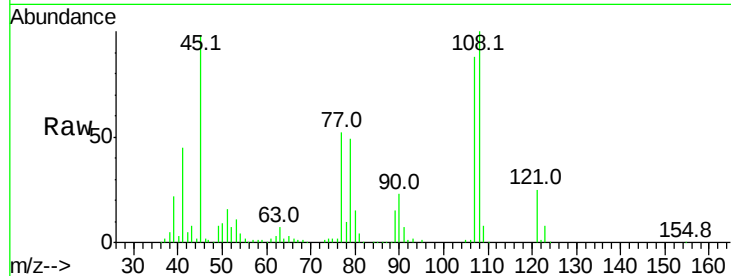




#17
2-Methylphenol
Concen: 42.72 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

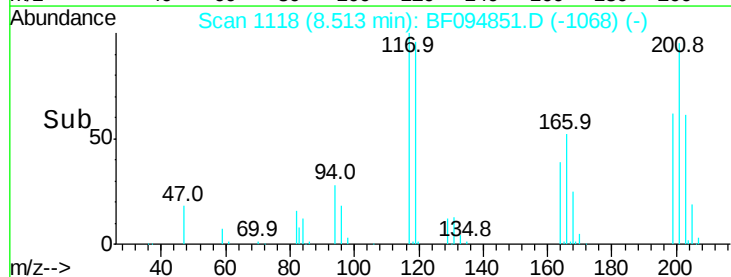
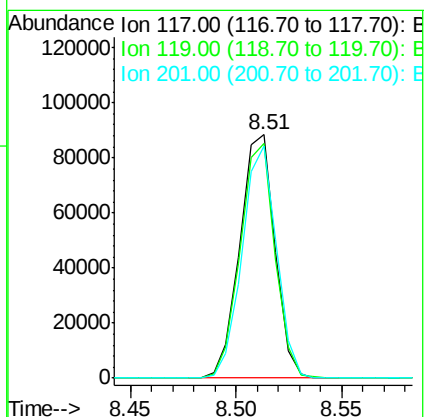
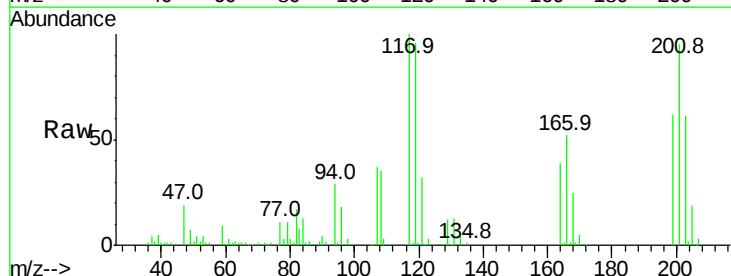
Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 229399
Ion Ratio Lower Upper
107 100
108 113.7 93.4 140.0
77 59.3 35.8 53.6#
79 56.1 34.8 52.2#



#18
Hexachloroethane
Concen: 39.90 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:117 Resp: 102018
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 95.4 94.6 141.8

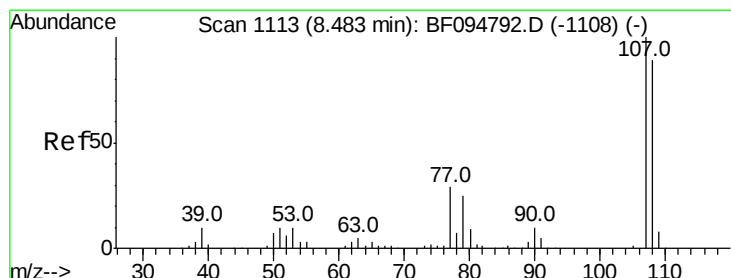
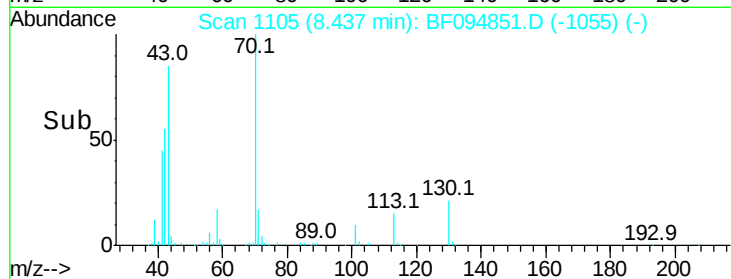
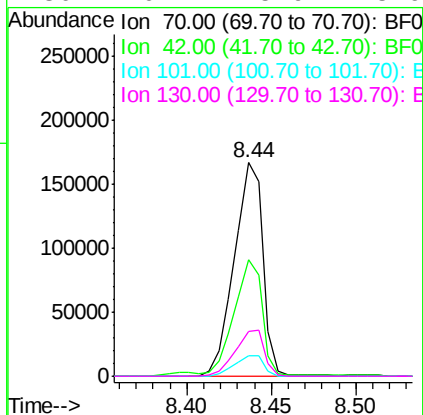
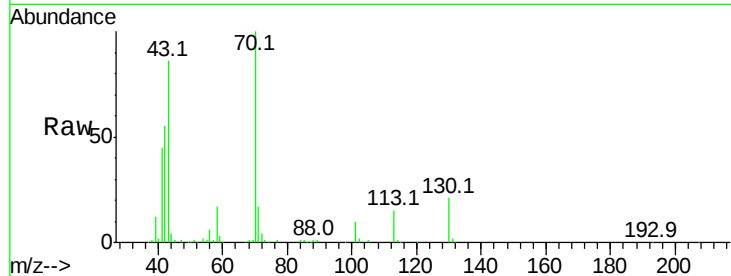




#19
n-Nitroso-di-n-propylamine
Concen: 42.23 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

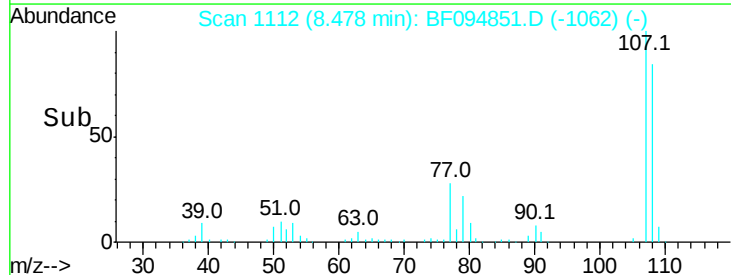
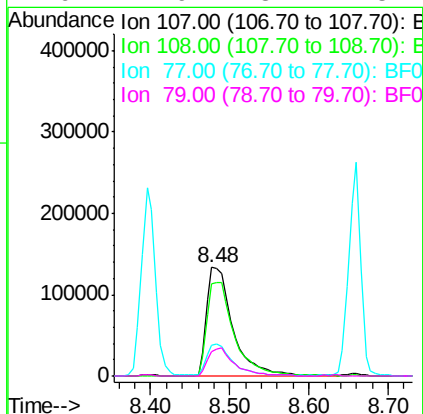
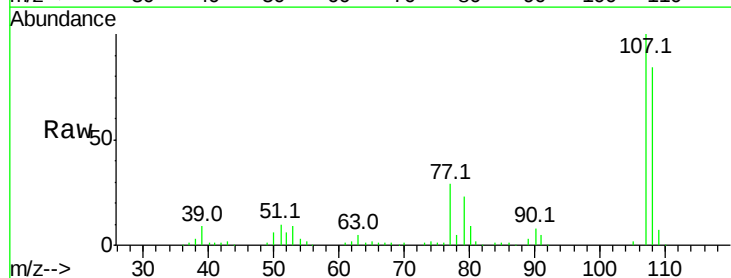
Instrument :
BNA_F
ClientSampleId :

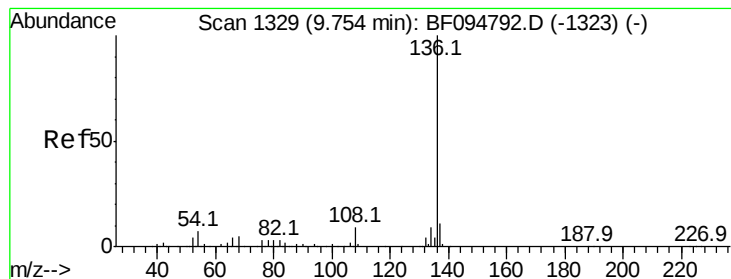
Tot Ion: 70 Resp: 197572
Ion Ratio Lower Upper
70 100
42 54.6 47.2 70.8
101 9.5 7.2 10.8
130 20.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.64 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:107 Resp: 311110
Ion Ratio Lower Upper
107 100
108 84.4 71.0 111.0
77 28.5 90.5 130.5#
79 22.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 383443

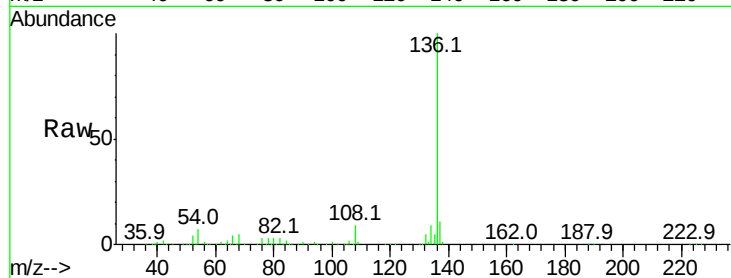
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

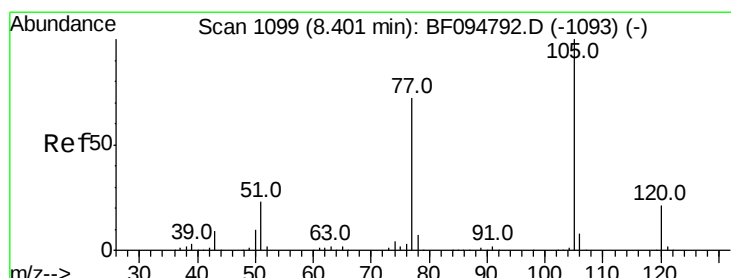
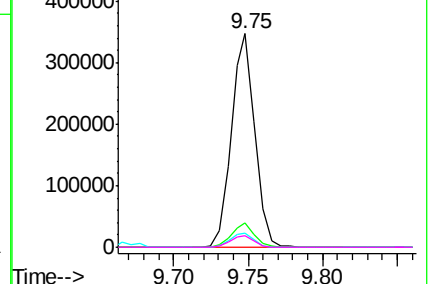
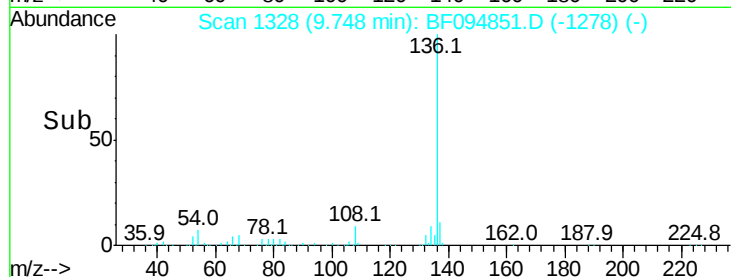


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.55 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:105 Resp: 400675

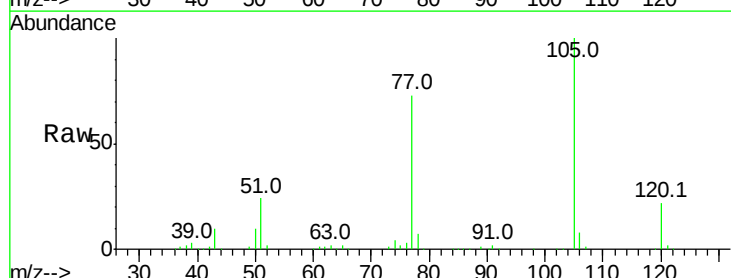
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.1 30.7 46.1#

120 21.7 17.4 26.0

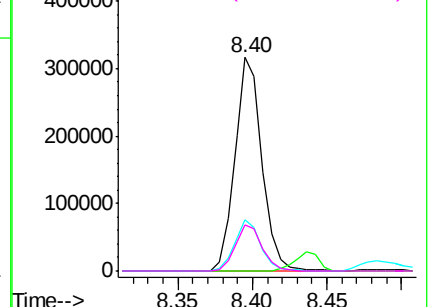
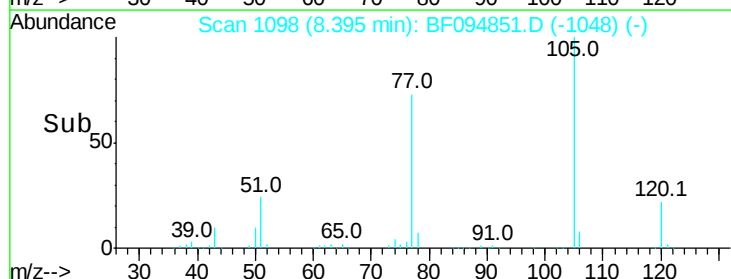


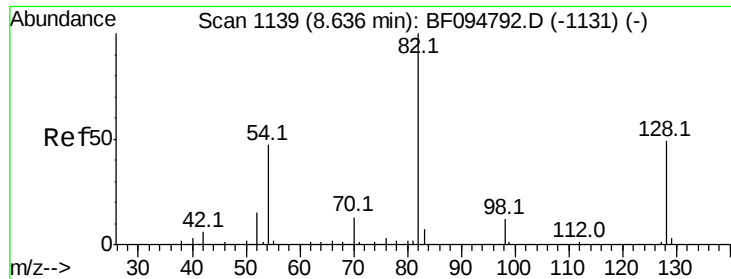
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

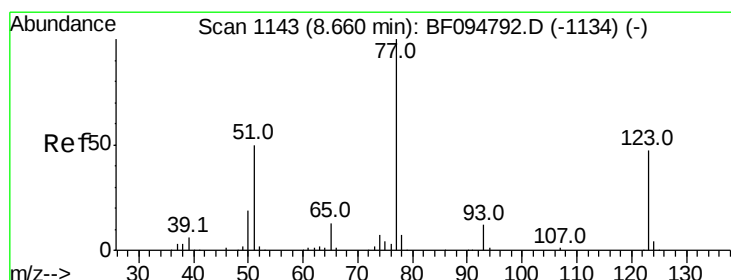
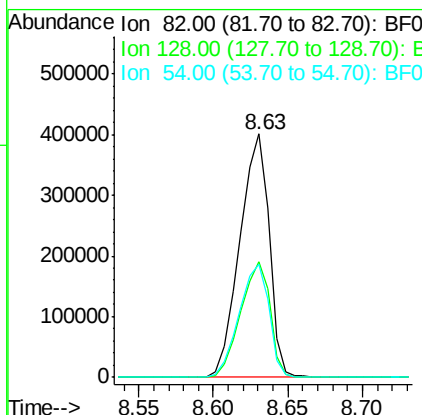
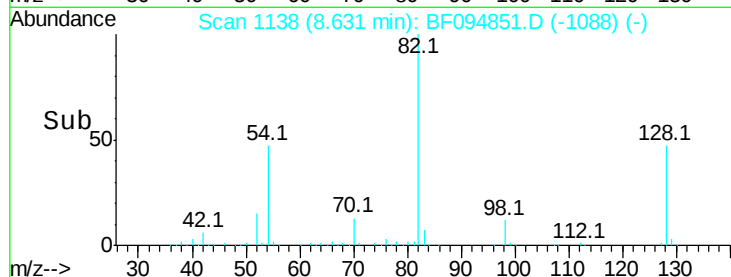
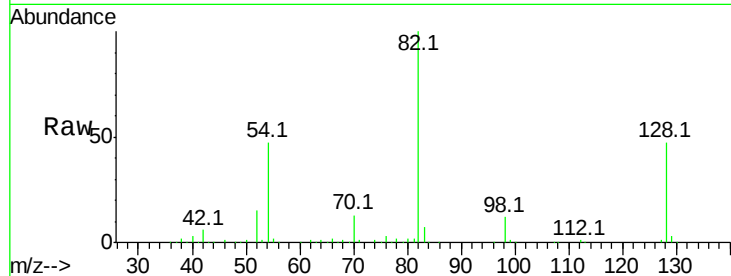




#23
Nitrobenzene-d5
Concen: 90.08 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

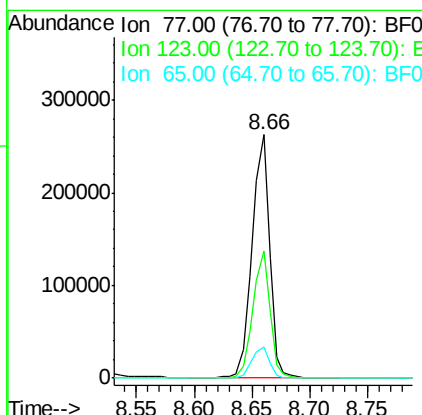
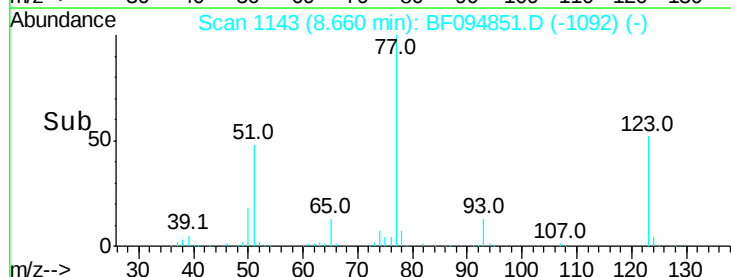
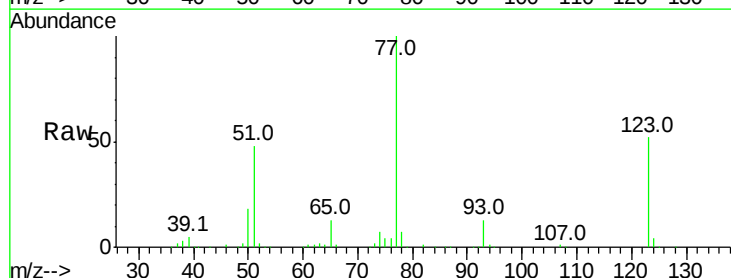
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 547764
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 46.5 42.2 63.2



#24
Nitrobenzene
Concen: 43.62 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion: 77 Resp: 278045
Ion Ratio Lower Upper
77 100
123 52.4 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 45.72 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

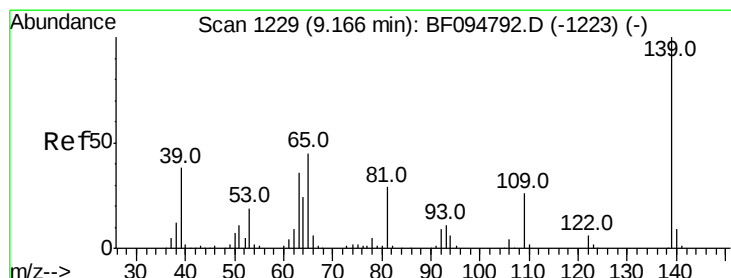
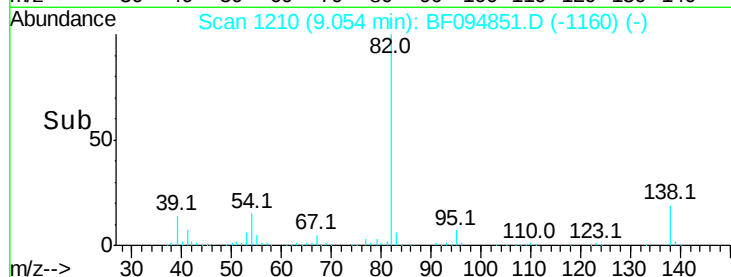
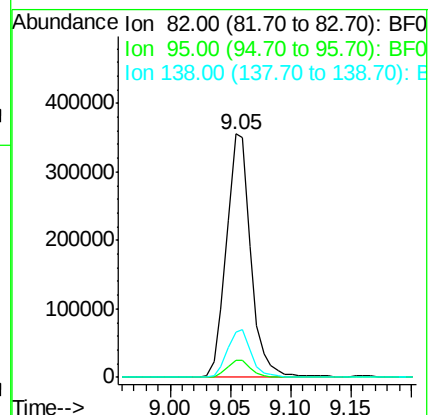
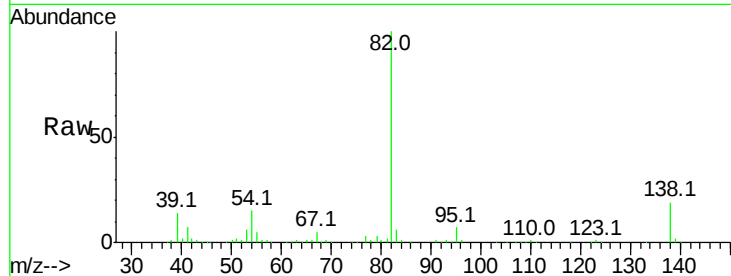
Tot Ion: 82 Resp: 496394

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 45.89 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

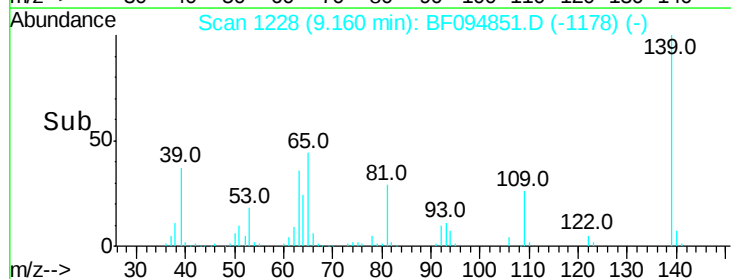
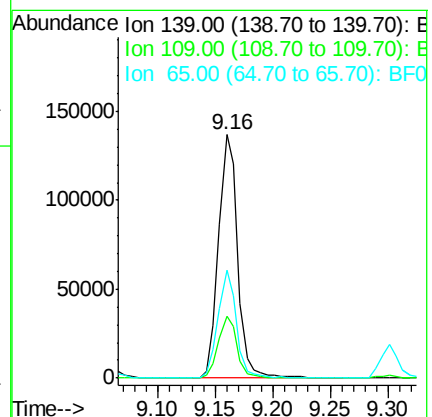
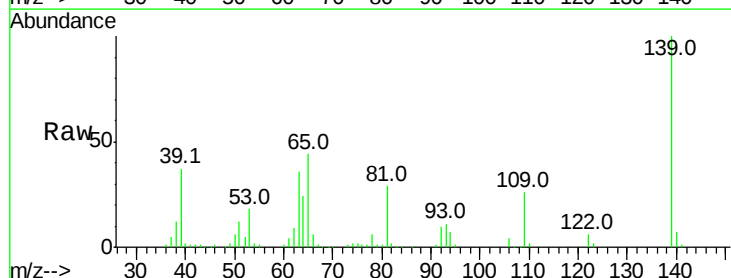
Tgt Ion:139 Resp: 157838

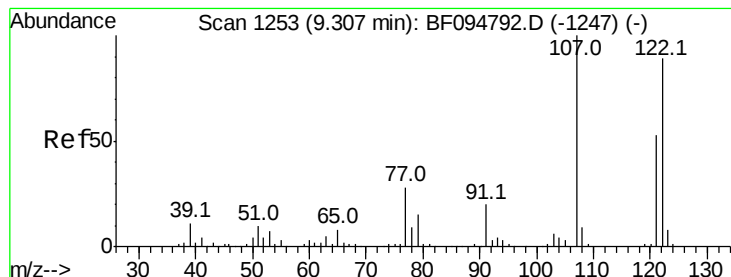
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 44.4 33.0 49.6

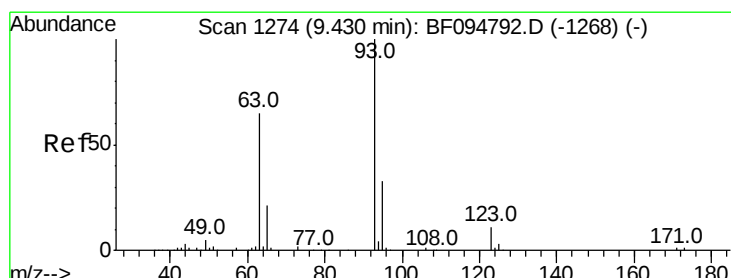
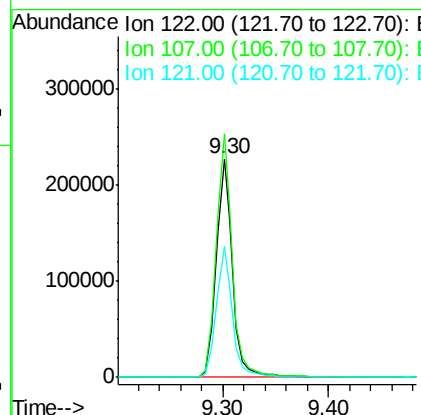
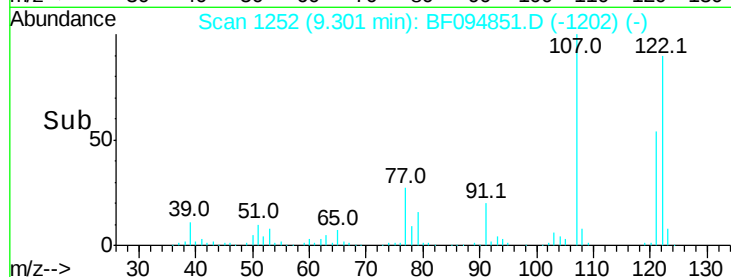
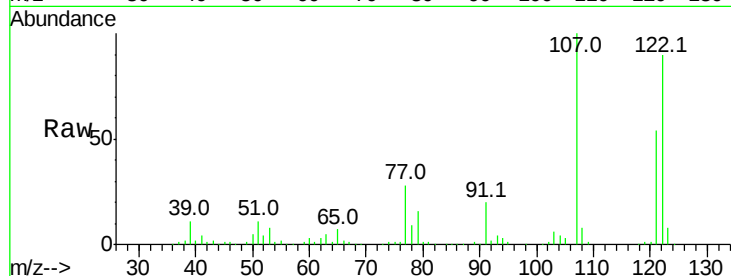




#27
 2,4-Dimethylphenol
 Concen: 44.47 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

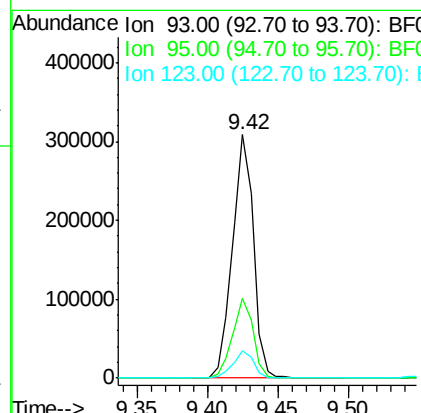
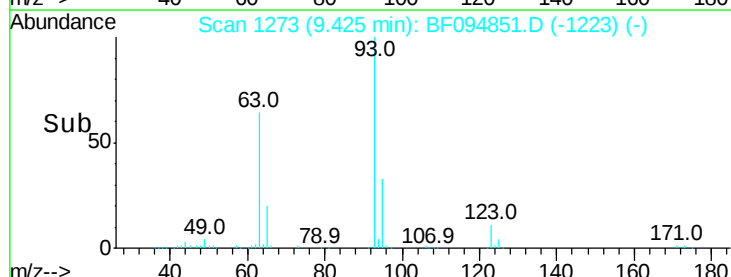
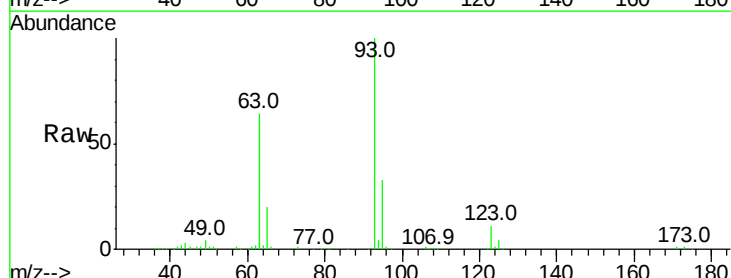
Instrument :
 BNA_F
 ClientSampleId :

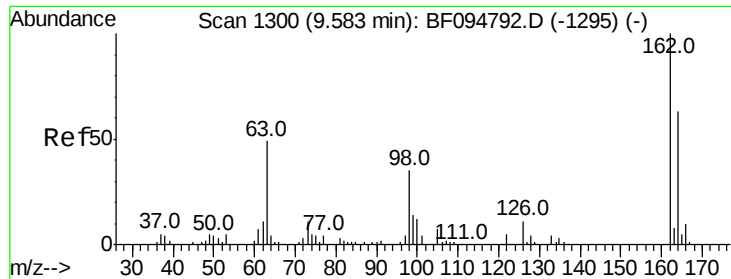
Tot Ion:	122	Resp:	247289
Ion	Ratio	Lower	Upper
122	100		
107	111.5	89.2	133.8
121	60.2	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.44 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:	93	Resp:	318748
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.1	9.0	13.4

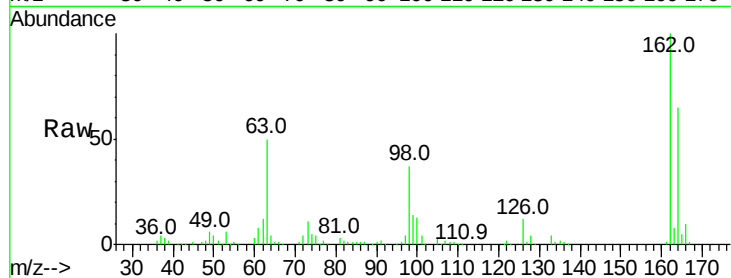




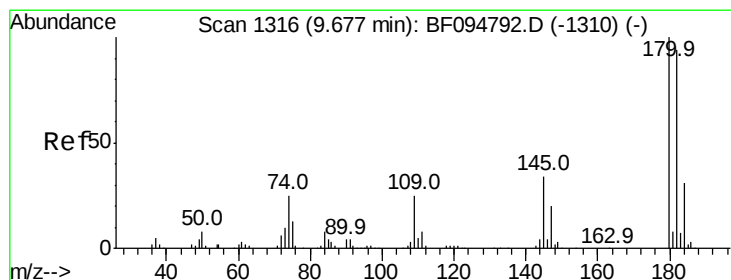
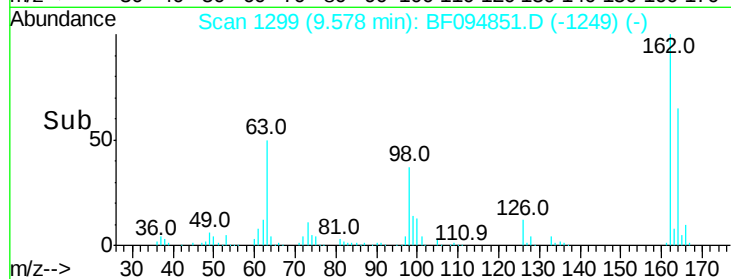
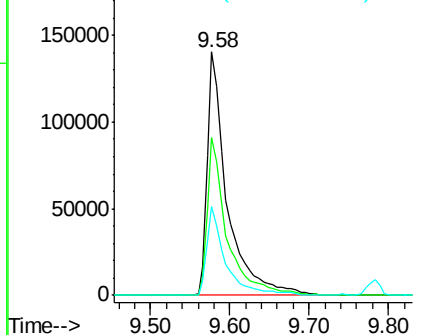
#29
 2,4-Dichlorophenol
 Concen: 46.60 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.6	14.8	54.8

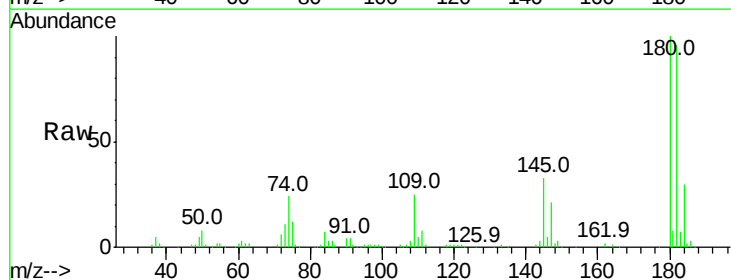


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

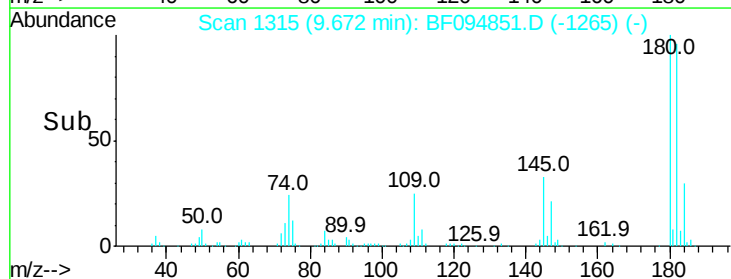
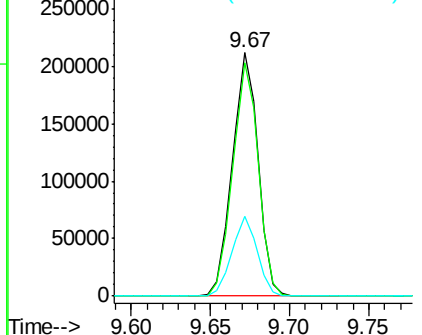


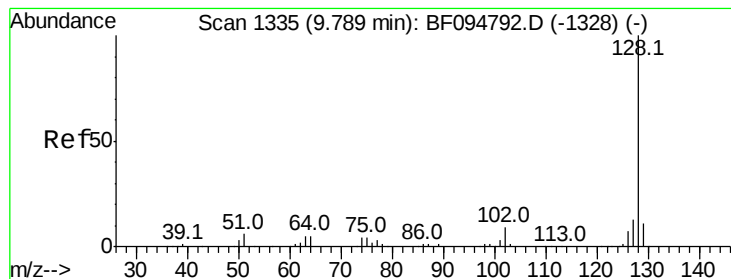
#30
 1,2,4-Trichlorobenzene
 Concen: 42.22 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	32.8	25.3	37.9



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





#31

Naphthalene

Concen: 42.01 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampled :

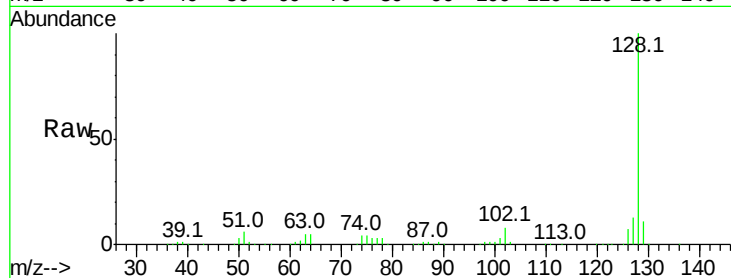
Tot Ion:128 Resp: 809593

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

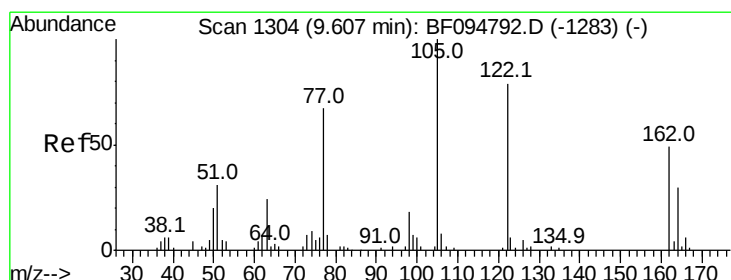
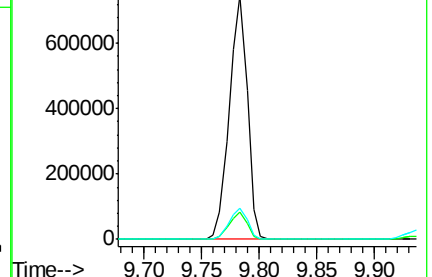
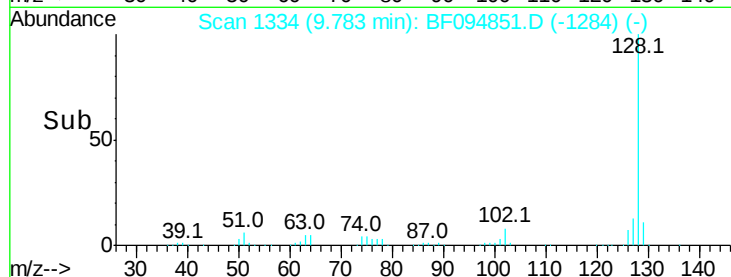
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.83 ng

RT: 9.57 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

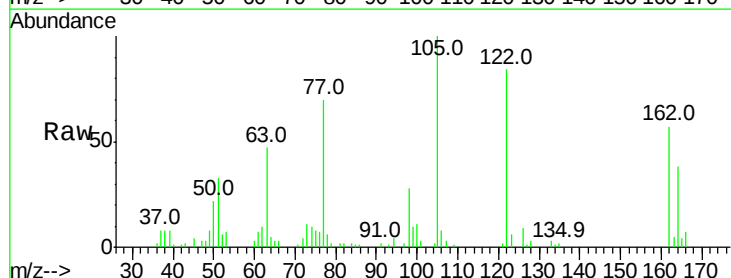
Tgt Ion:122 Resp: 72471

Ion Ratio Lower Upper

122 100

105 118.9 103.3 143.3

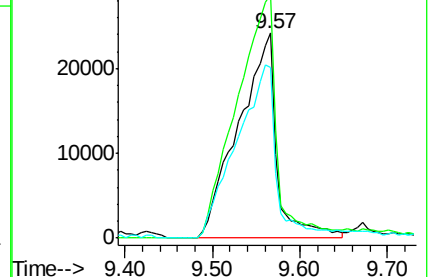
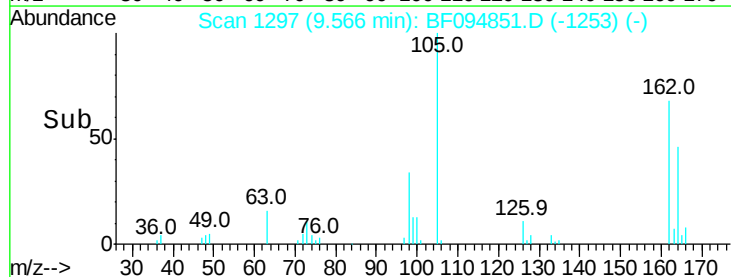
77 83.4 73.7 113.7

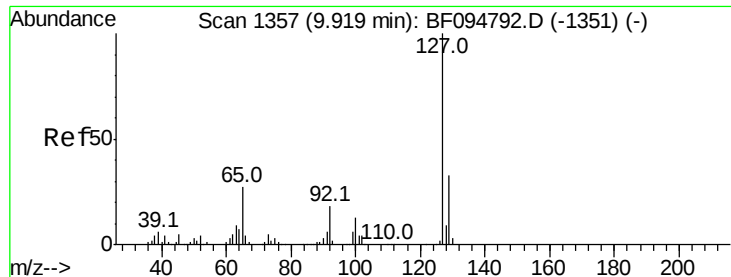


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

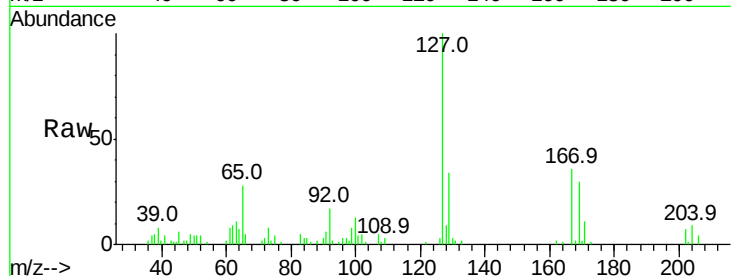




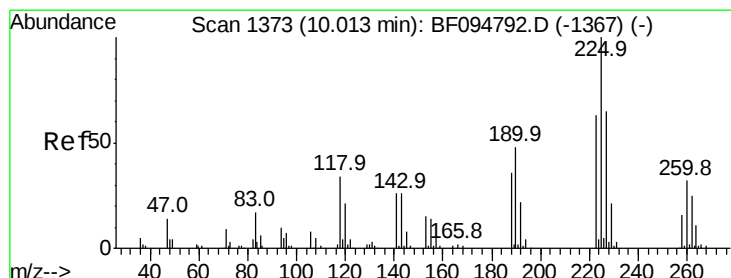
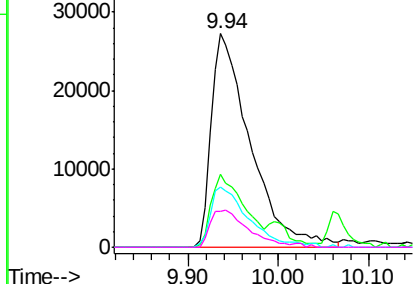
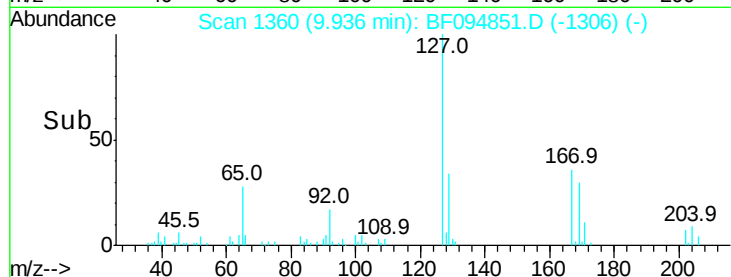
#33
4-Chloroaniline
Concen: 11.37 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	81647
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.2
65	28.0	27.8	41.8
92	16.8	16.8	25.2

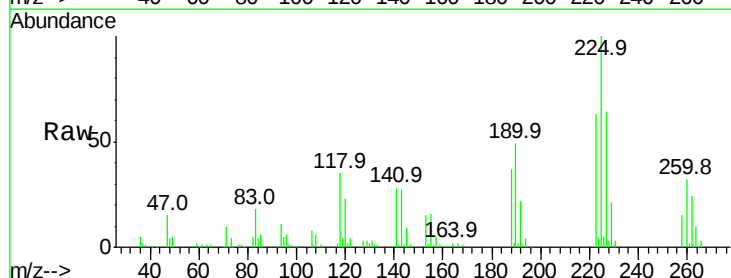


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

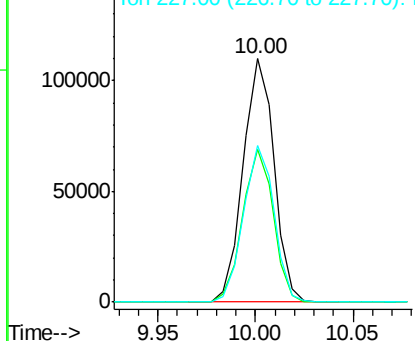
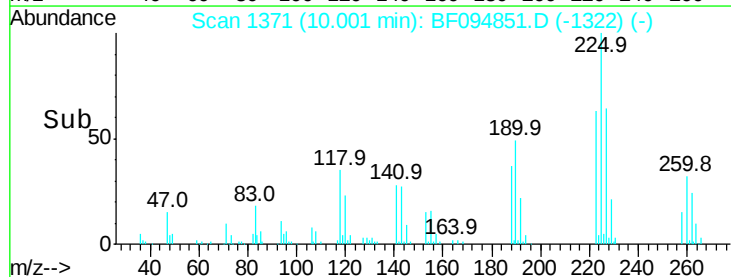


#34
Hexachlorobutadiene
Concen: 40.76 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:	225	Resp:	120987
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	64.4	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: 24.88 ng

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

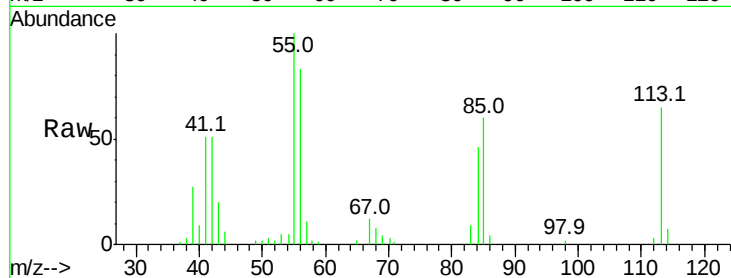
Tot Ion:113 Resp: 39226

Ion Ratio Lower Upper

113 100

55 152.7 150.2 190.2

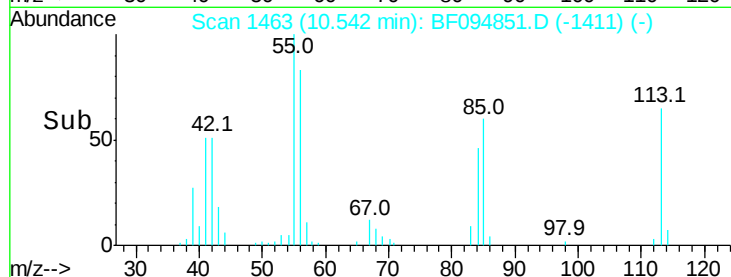
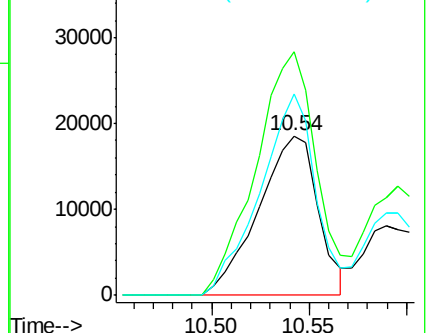
56 126.3 107.8 147.8



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: 43.84 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

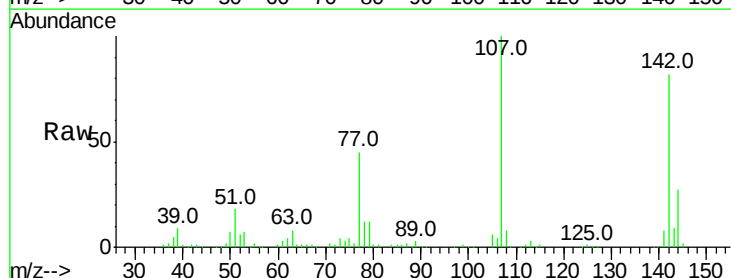
Tgt Ion:107 Resp: 246105

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

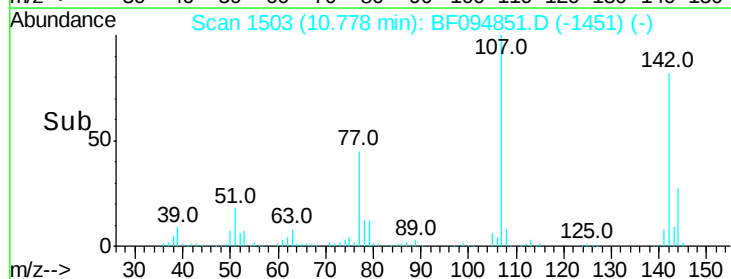
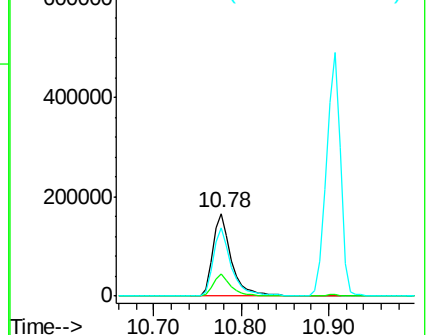
142 82.2 73.4 110.0

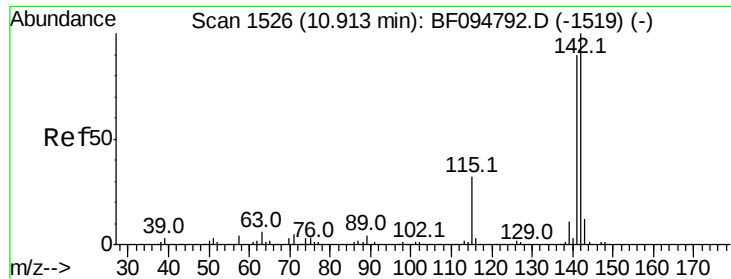


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

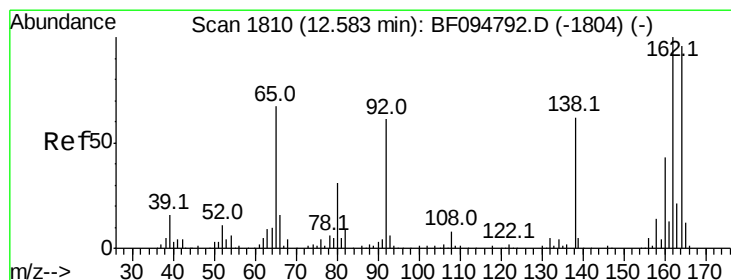
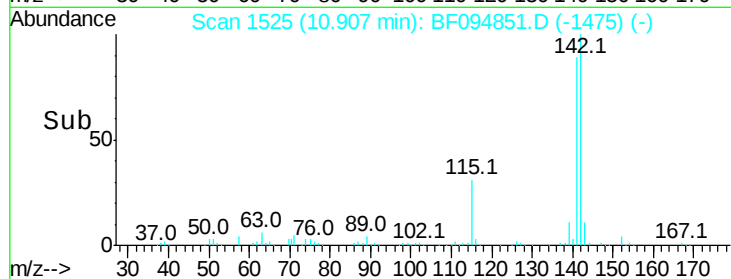
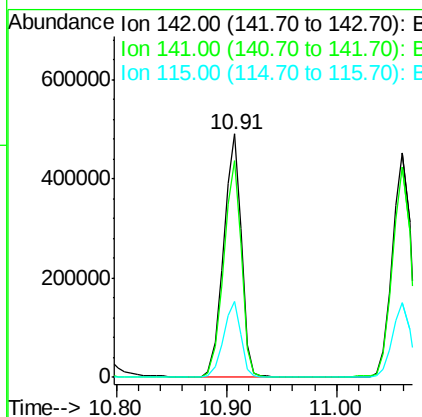
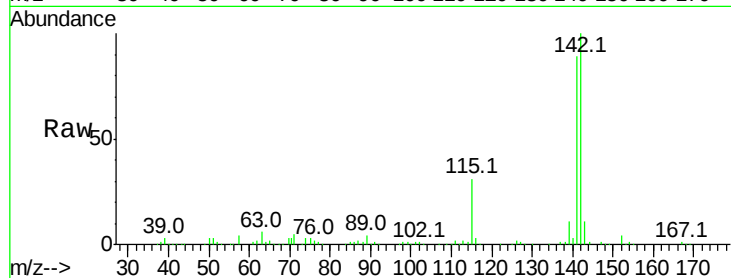




#37
2-Methylnaphthalene
Concen: 43.72 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

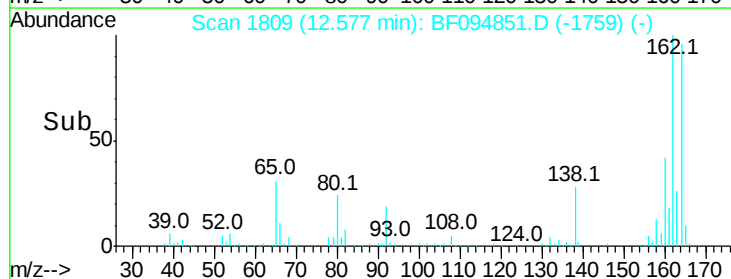
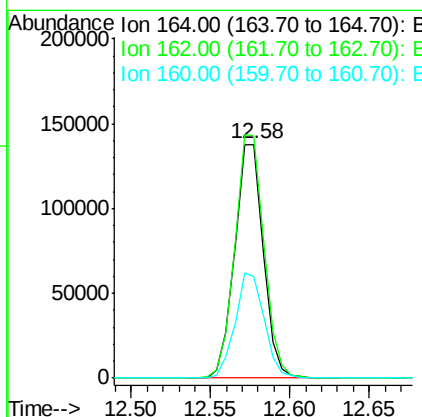
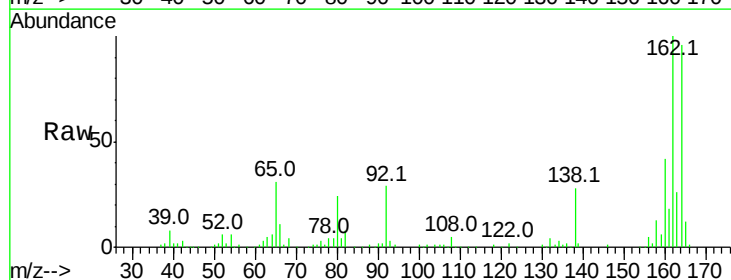
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 552993
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 31.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:164 Resp: 172072
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 43.8 36.2 54.2

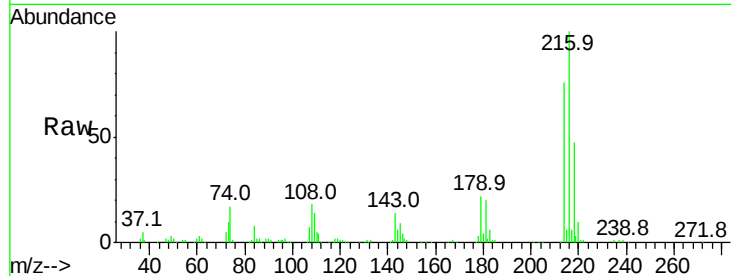




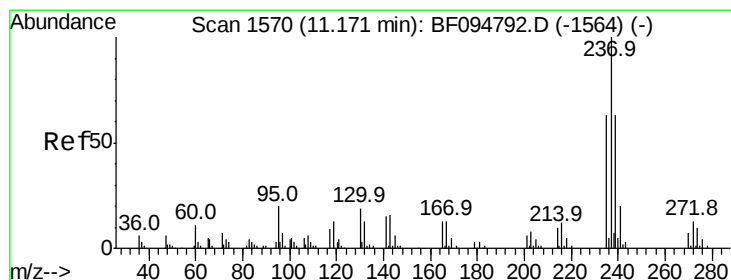
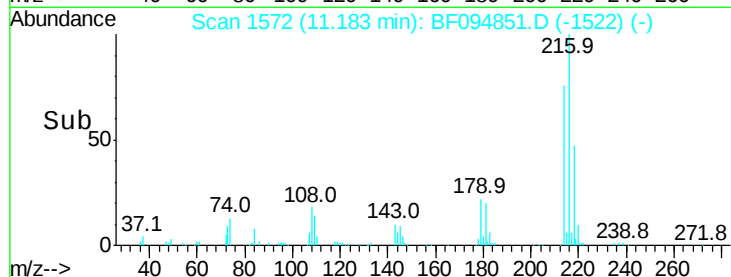
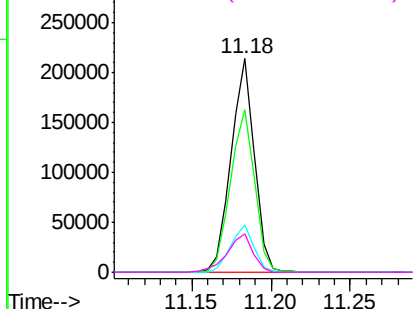
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.35 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	218830
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	21.9	17.9	26.9
108	19.9	16.5	24.7

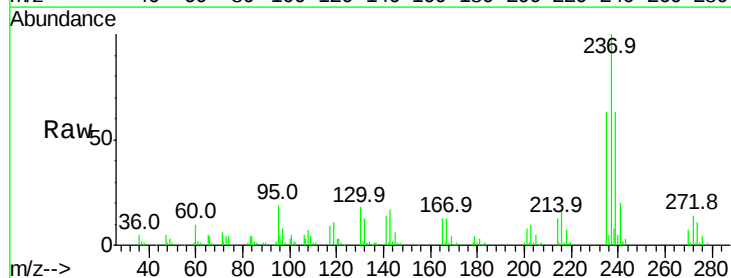


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

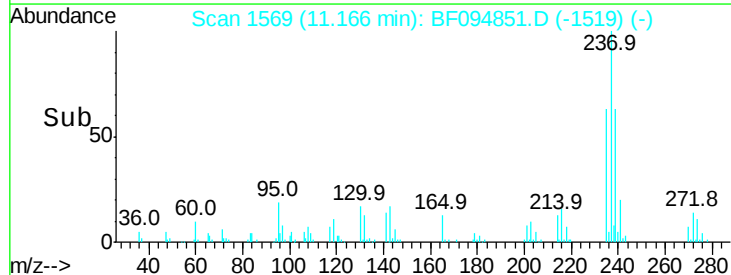
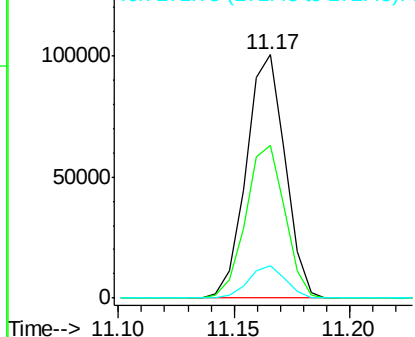


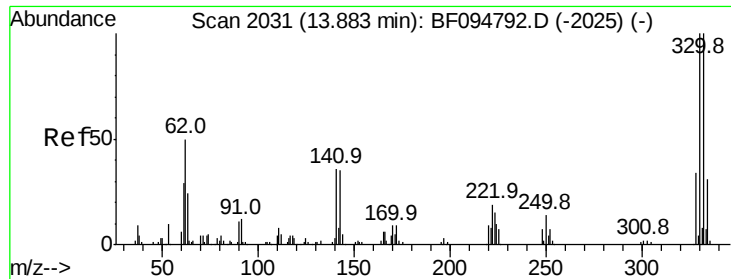
#40
 Hexachlorocyclopentadiene
 Concen: 55.05 ng
 RT: 11.17 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:	237	Resp:	117922
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.6	82.6
272	13.6	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

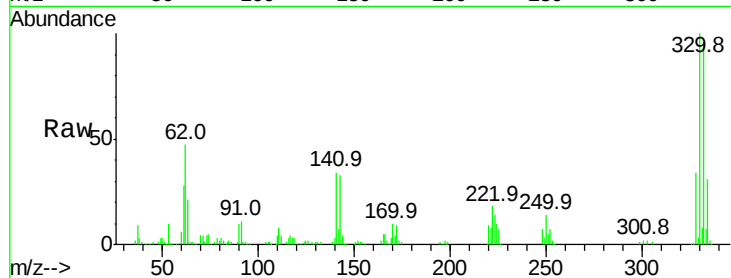




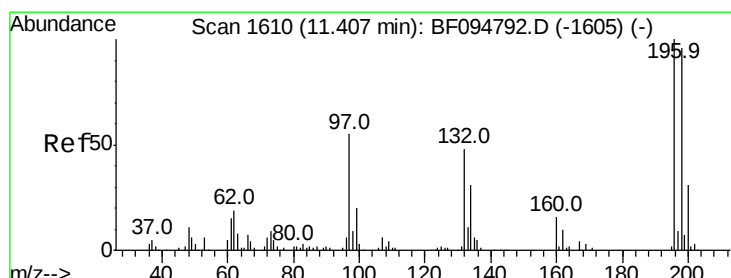
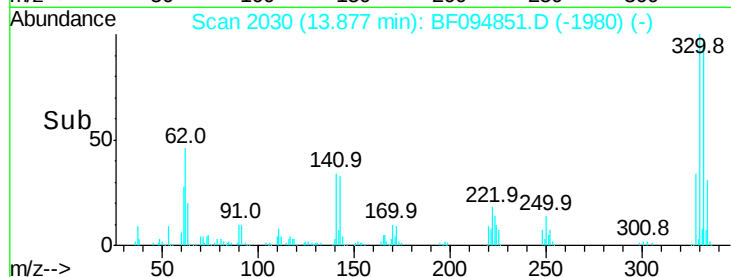
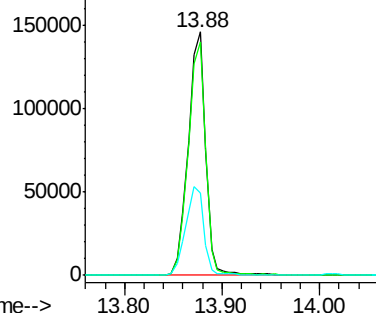
#41
 2,4,6-Tribromophenol
 Concen: 129.15 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	37.9	31.4	47.2

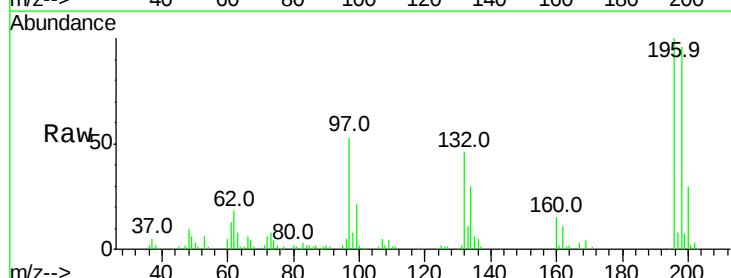


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

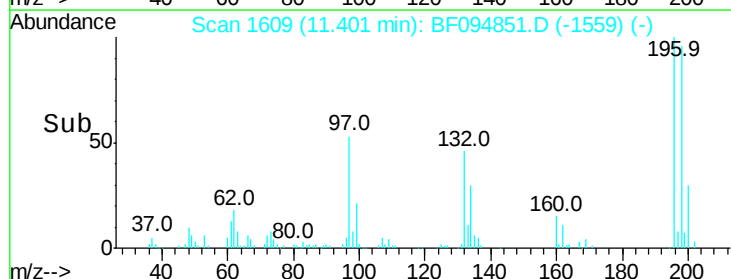
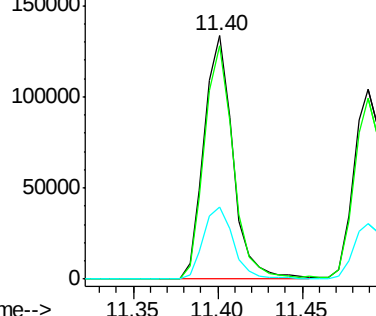


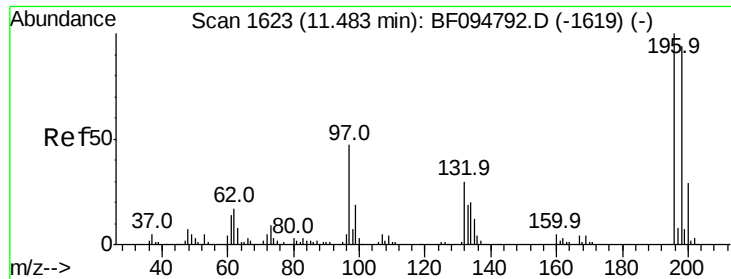
#42
 2,4,6-Trichlorophenol
 Concen: 44.98 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.2	111.4
200	29.8	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

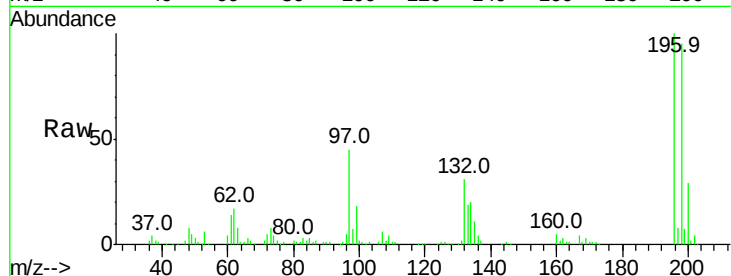




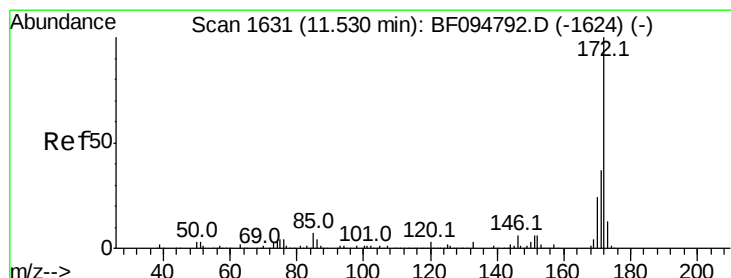
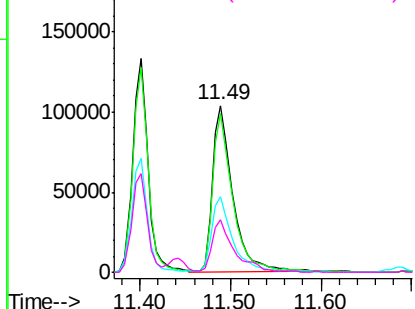
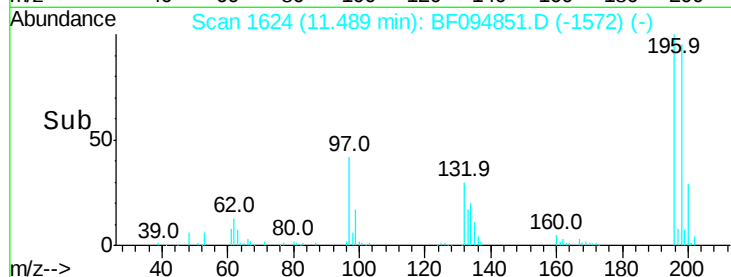
#43
 2,4,5-Trichlorophenol
 Concen: 42.60 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 161775
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 97 45.1 47.7 71.5#
 132 31.1 28.0 42.0

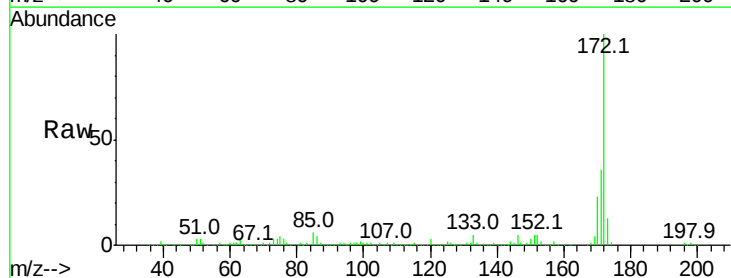


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

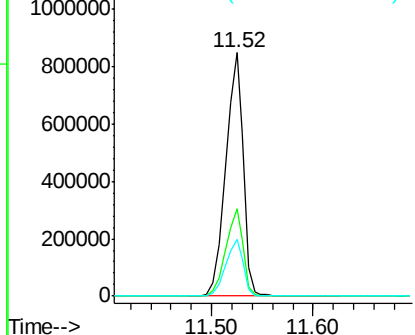
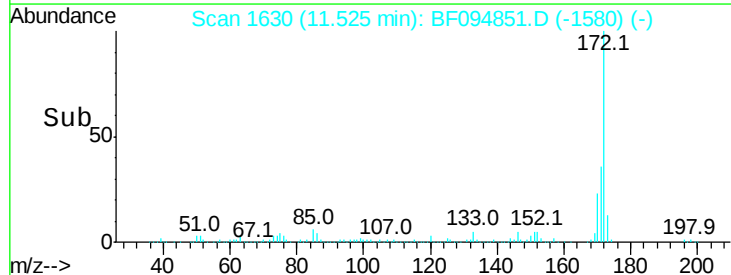


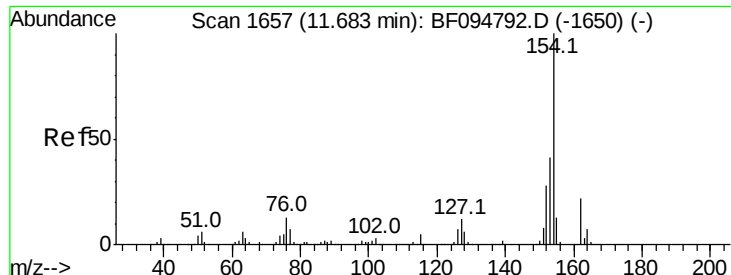
#44
 2-Fluorobiphenyl
 Concen: 84.63 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:172 Resp: 1011739
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.4 19.8 29.8



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

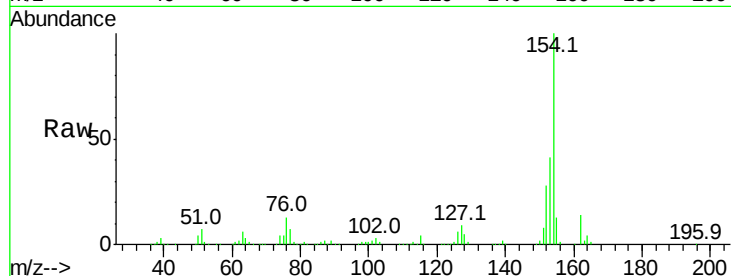




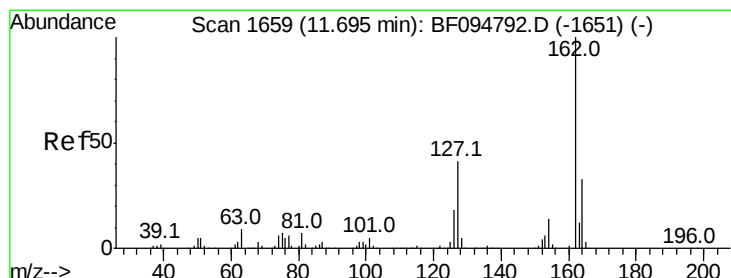
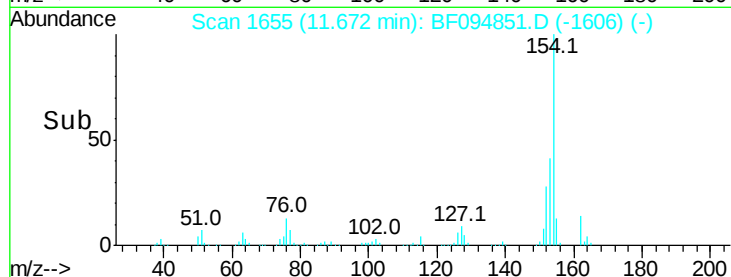
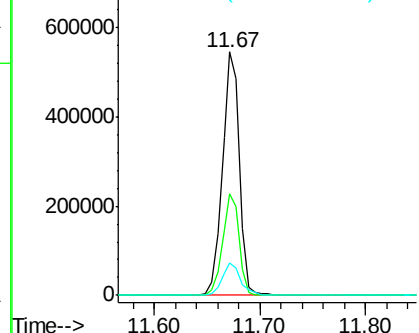
#45
 1,1'-Biphenyl
 Concen: 42.54 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 616322
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.2 61.2
 76 13.1 0.0 29.9

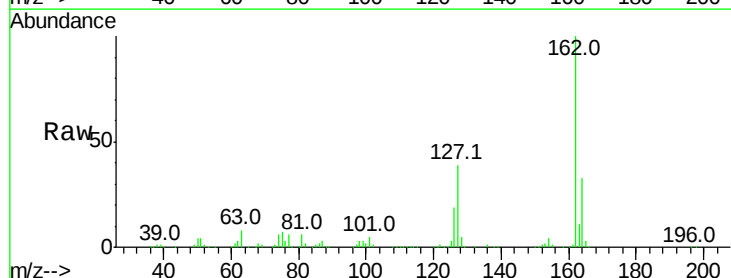


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

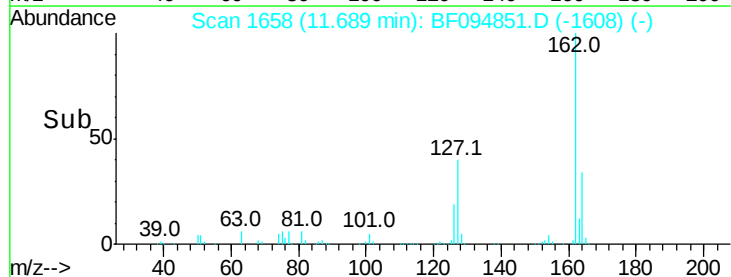
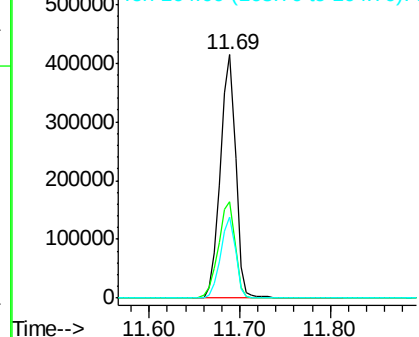


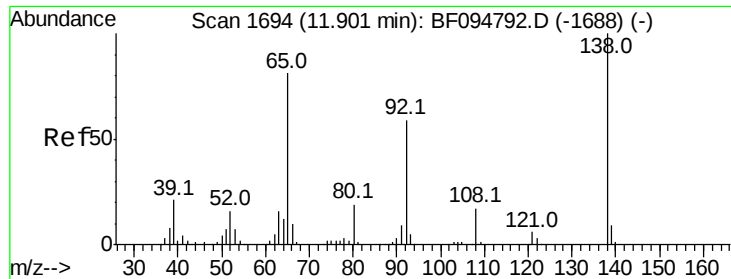
#46
 2-Chloronaphthalene
 Concen: 41.42 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:162 Resp: 484536
 Ion Ratio Lower Upper
 162 100
 127 39.4 28.3 42.5
 164 33.1 27.0 40.4



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





#47

2-Nitroaniline

Concen: 42.25 ng

RT: 11.90 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

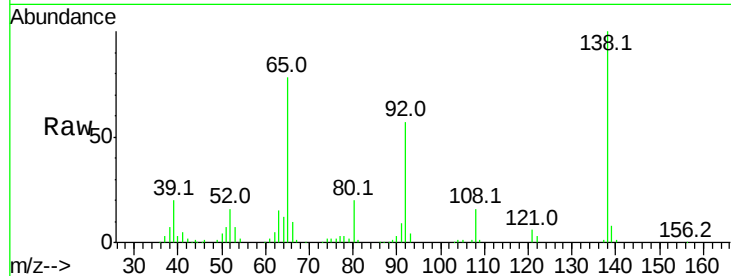
Tot Ion: 65 Resp: 135275

Ion Ratio Lower Upper

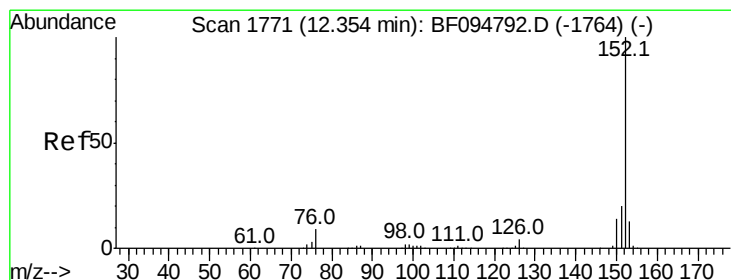
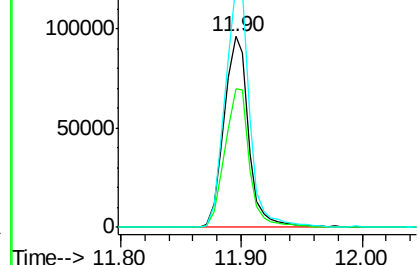
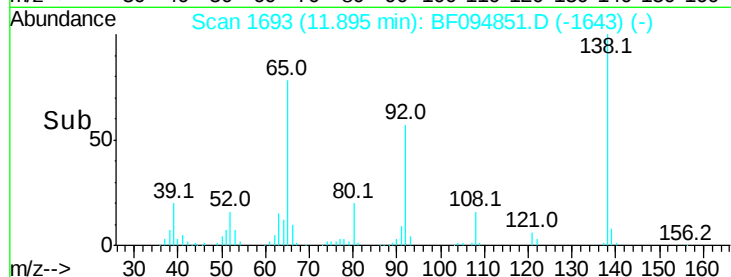
65 100

92 72.5 53.9 80.9

138 127.7 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.80 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

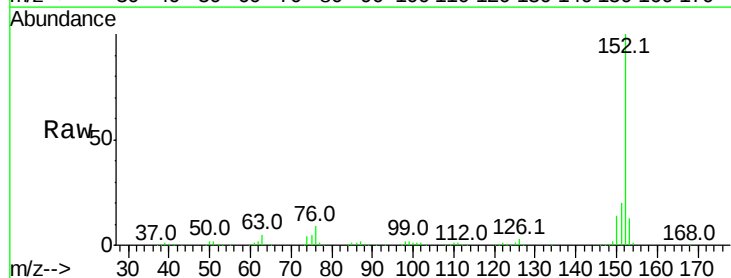
Tgt Ion:152 Resp: 784267

Ion Ratio Lower Upper

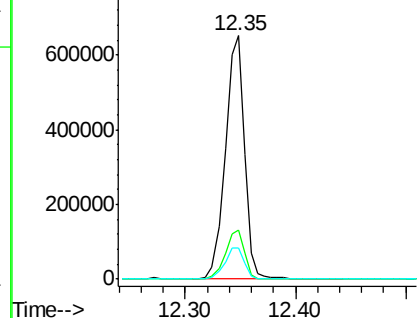
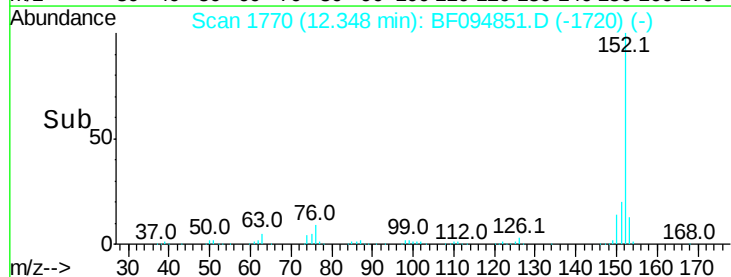
152 100

151 20.3 16.8 25.2

153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

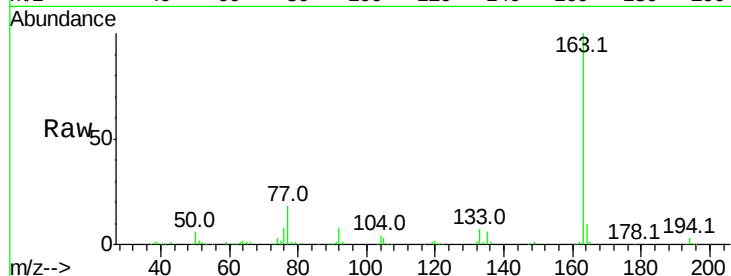




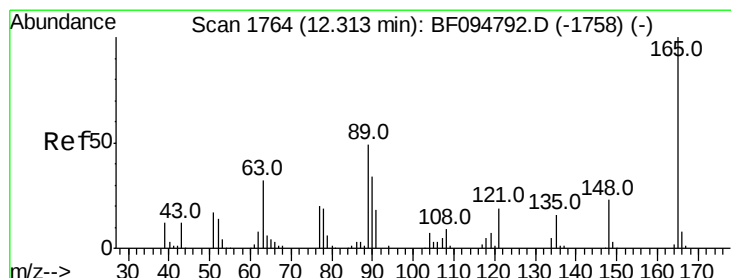
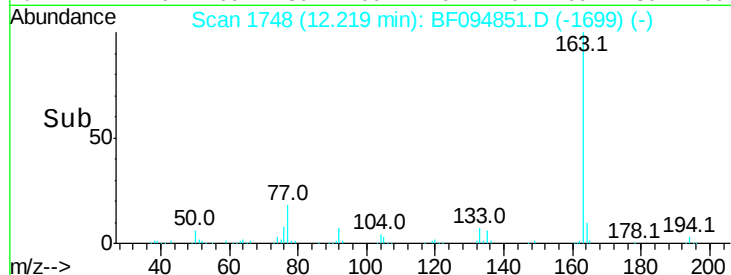
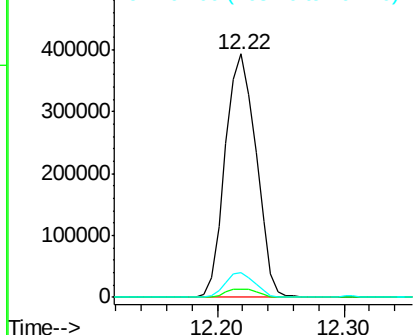
#49
Dimethylphthalate
Concen: 47.14 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 665879
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

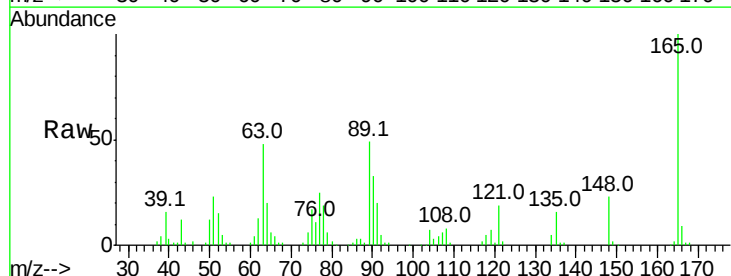


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

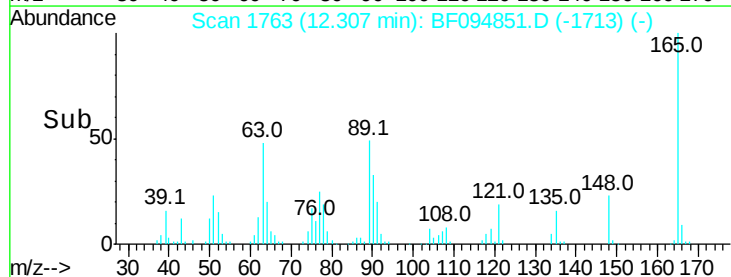
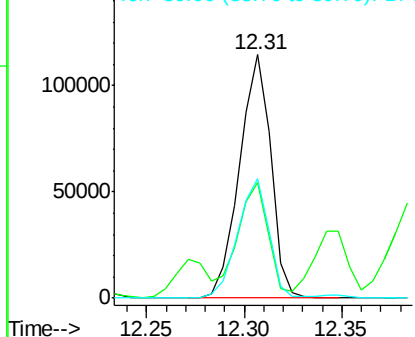


#50
2,6-Dinitrotoluene
Concen: 44.23 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:165 Resp: 127467
Ion Ratio Lower Upper
165 100
63 47.7 34.3 51.5
89 48.9 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: 41.50 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

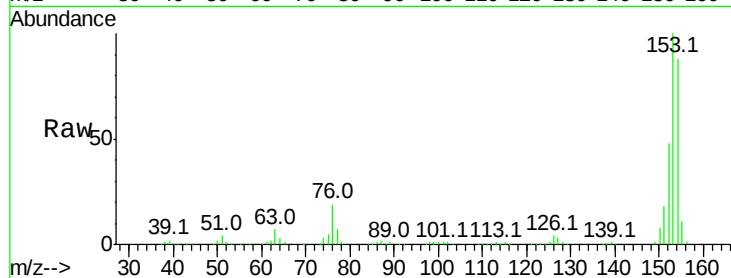
Tot Ion:154 Resp: 454211

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

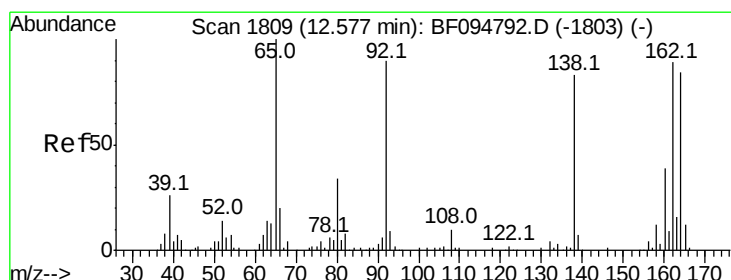
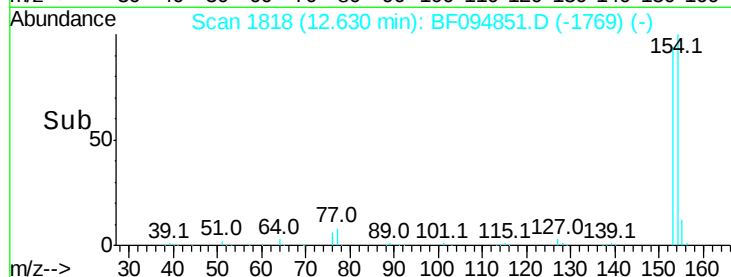
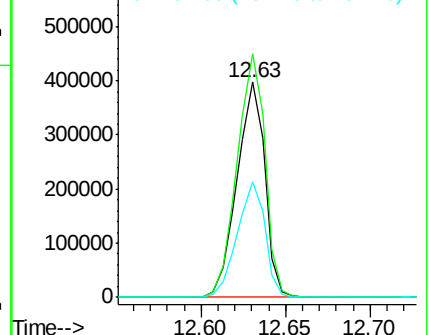
152 53.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.62 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

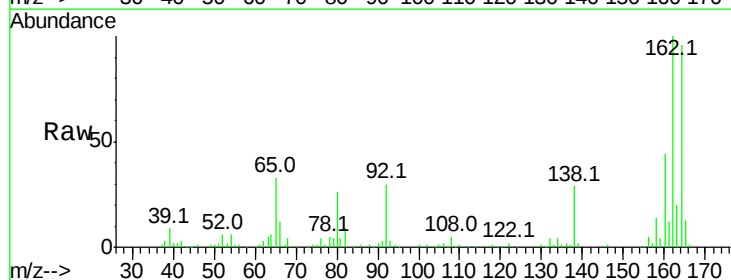
Tgt Ion:138 Resp: 63780

Ion Ratio Lower Upper

138 100

108 15.6 9.1 13.7#

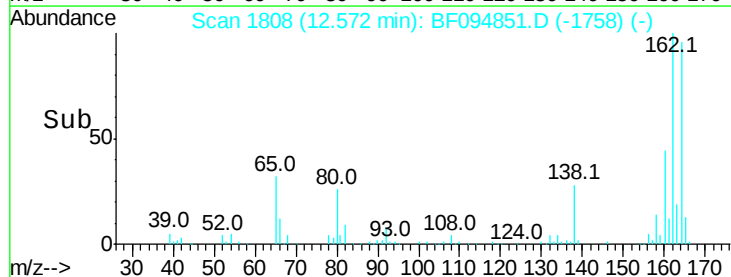
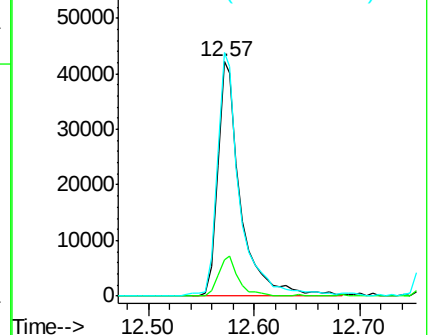
92 103.8 93.8 140.6

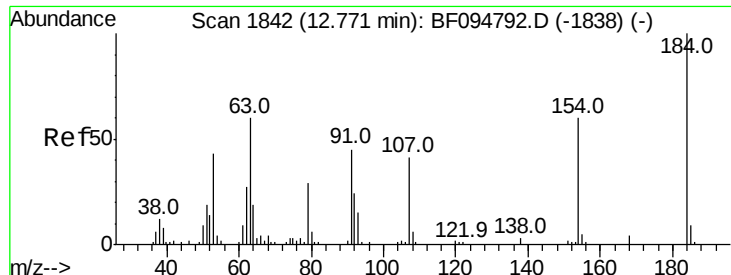


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

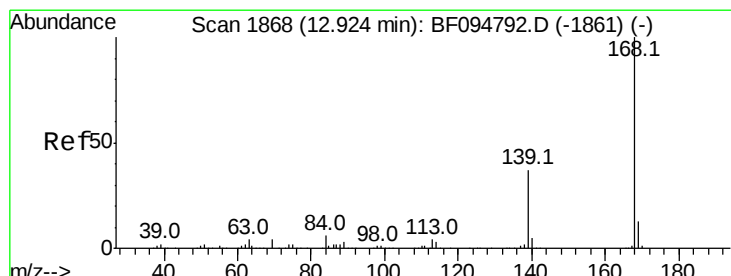
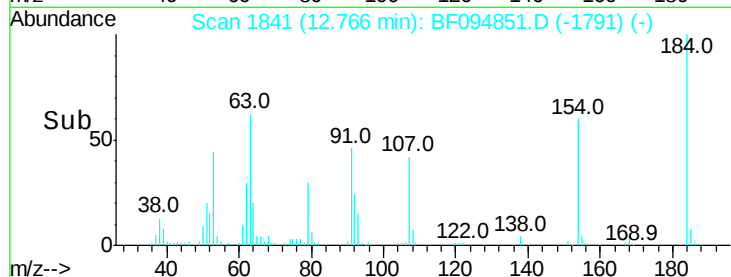
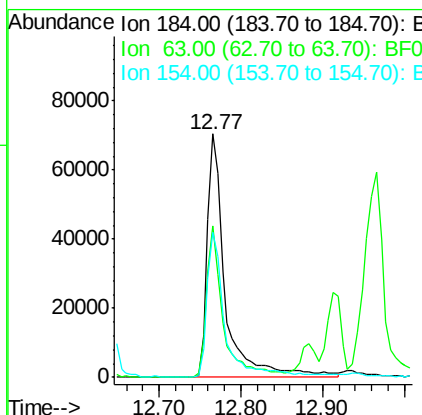
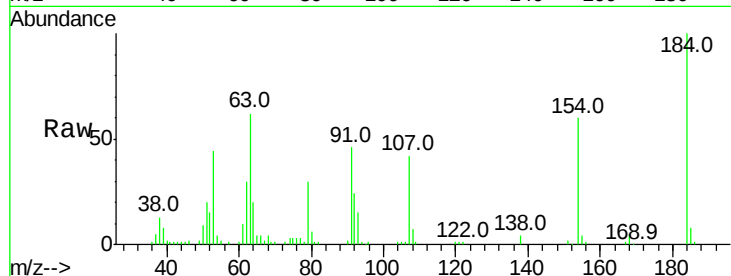




#53
 2,4-Dinitrophenol
 Concen: 69.28 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

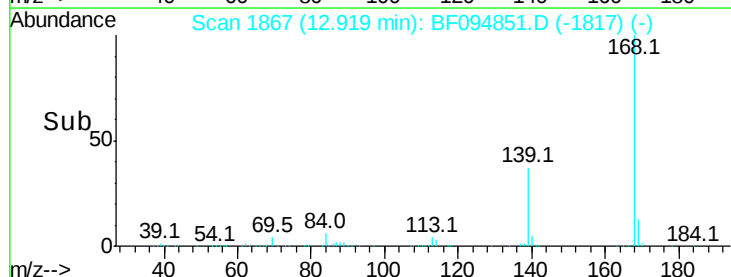
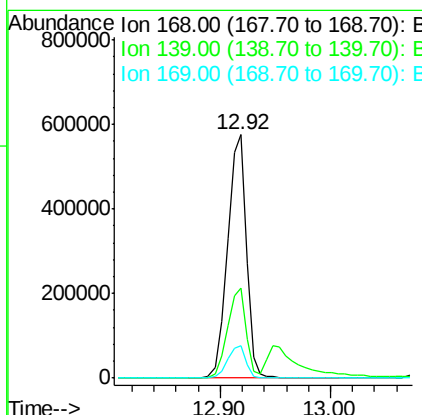
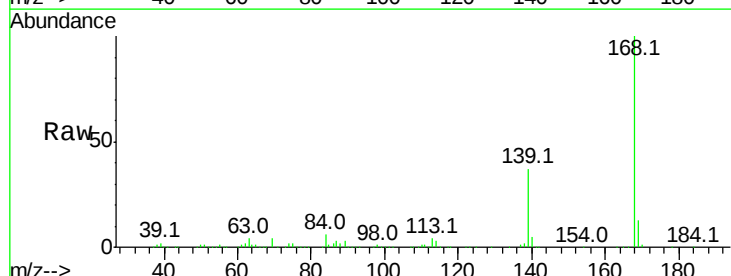
Instrument :
 BNA_F
 ClientSampled :

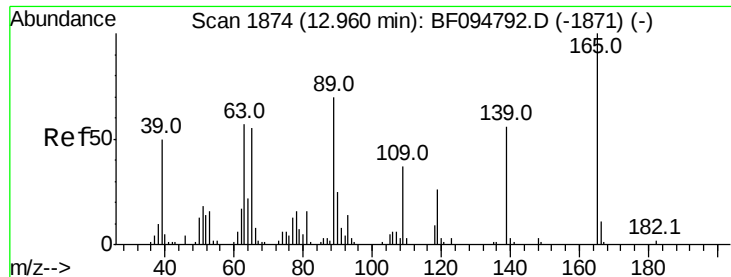
Tot Ion:184 Resp: 108526
 Ion Ratio Lower Upper
 184 100
 63 62.3 62.7 94.1#
 154 59.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.51 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:168 Resp: 689250
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.6 45.8
 169 13.3 10.8 16.2

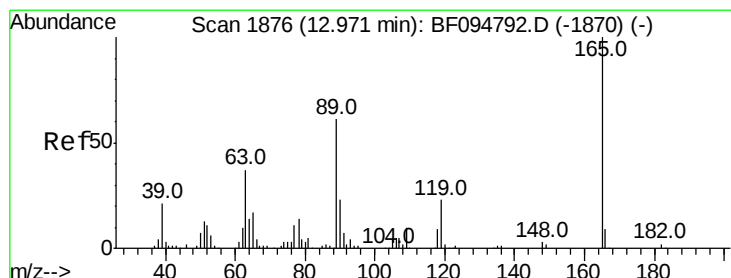
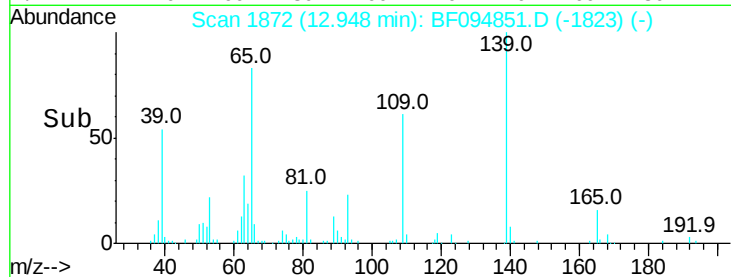
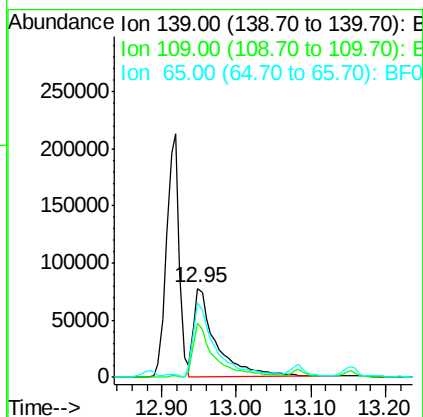
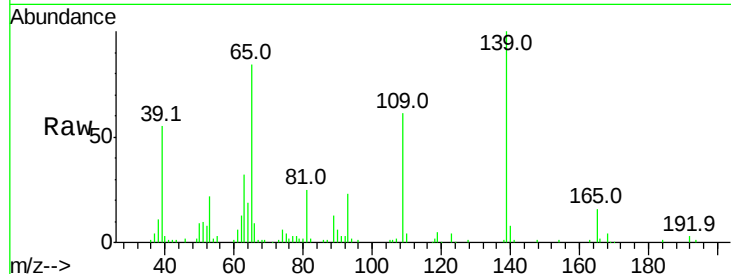




#55
4-Nitrophenol
Concen: 88.63 ng
RT: 12.95 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

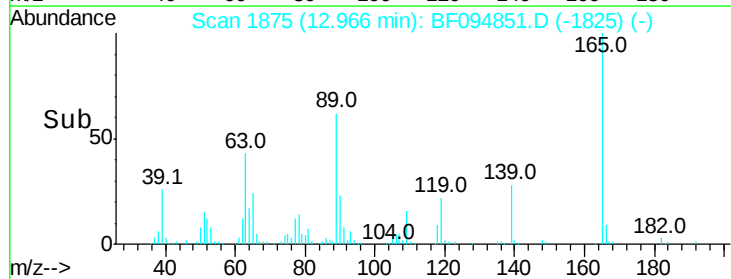
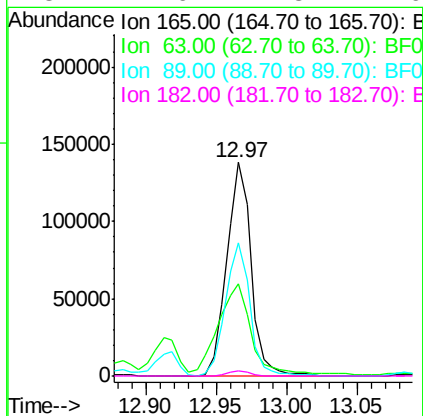
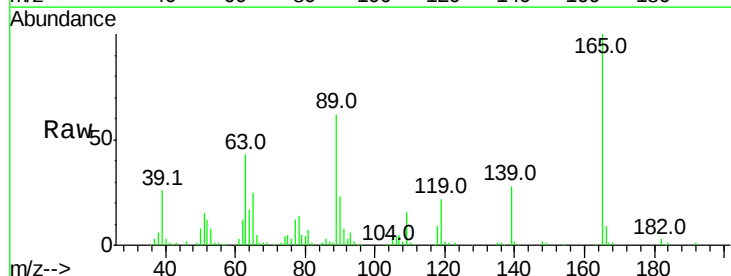
Instrument :
BNA_F
ClientSampled :

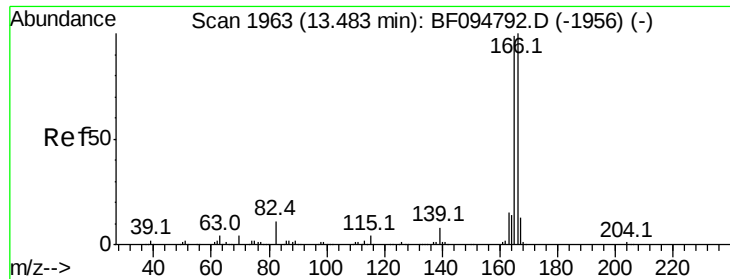
Tot Ion:139 Resp: 164658
Ion Ratio Lower Upper
139 100
109 61.1 34.1 74.1
65 83.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.80 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:165 Resp: 165916
Ion Ratio Lower Upper
165 100
63 43.1 25.4 38.0#
89 62.3 46.4 69.6
182 2.6 1.8 2.6

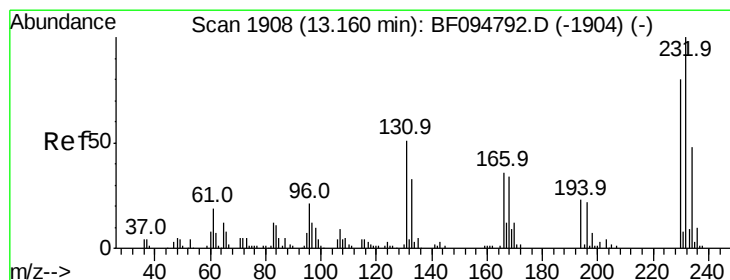
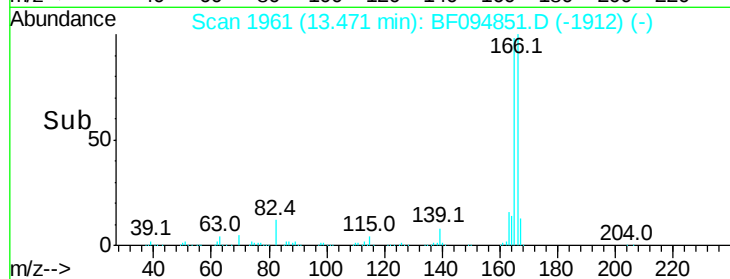
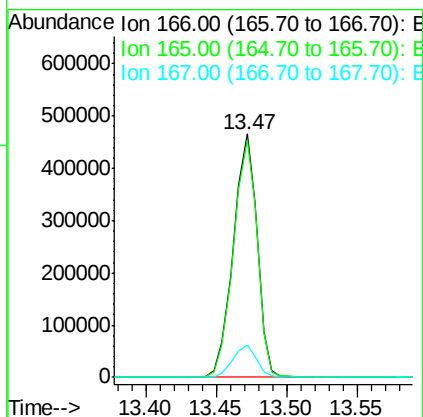
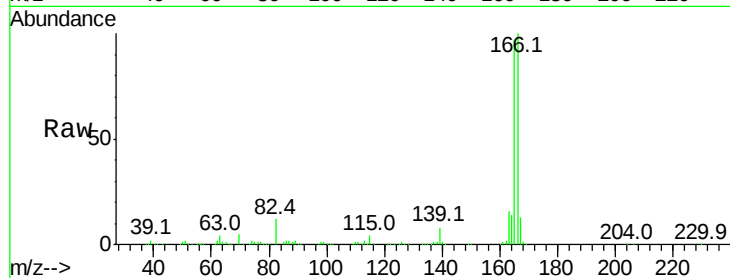




#57
 Fluorene
 Concen: 41.50 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

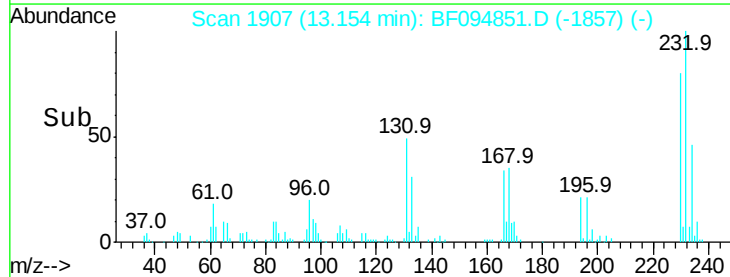
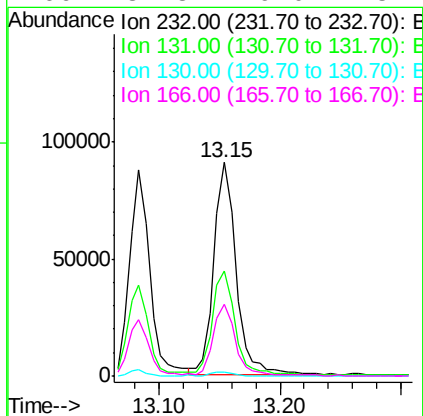
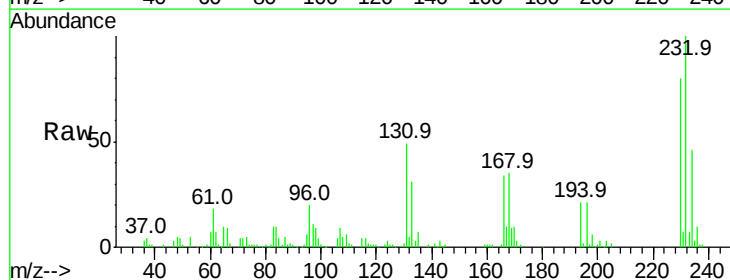
Instrument :
 BNA_F
 ClientSampleId :

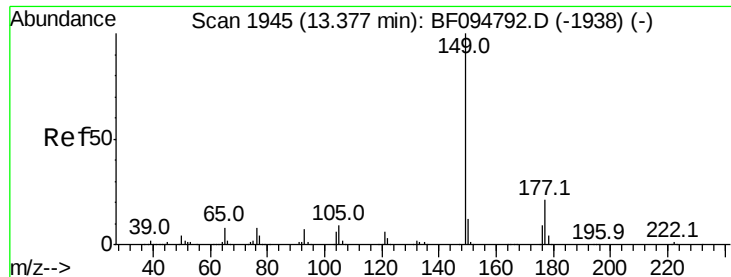
Tot Ion:166 Resp: 546436
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.62 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:232 Resp: 116208
 Ion Ratio Lower Upper
 232 100
 131 50.1 44.8 67.2
 130 2.1 2.3 3.5#
 166 34.8 29.0 43.4

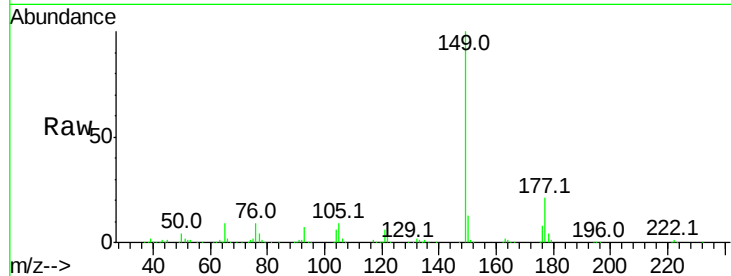




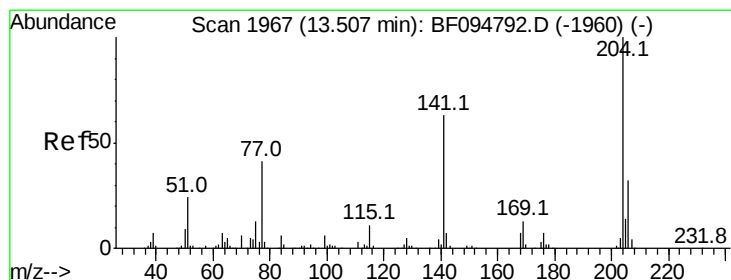
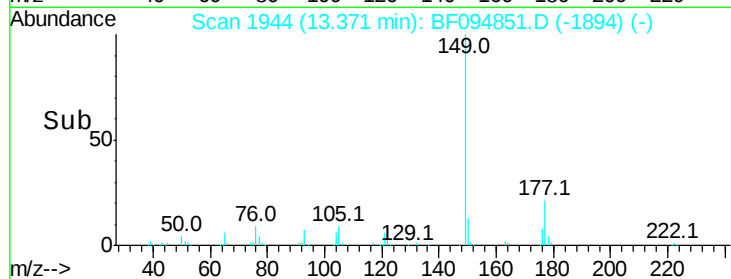
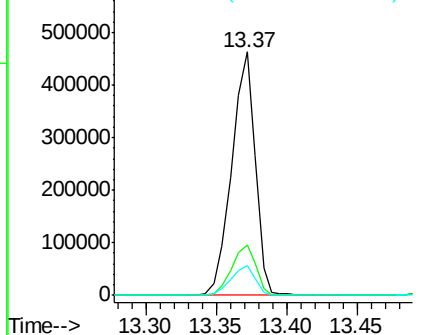
#59
Diethylphthalate
Concen: 39.76 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.5	10.2	15.2

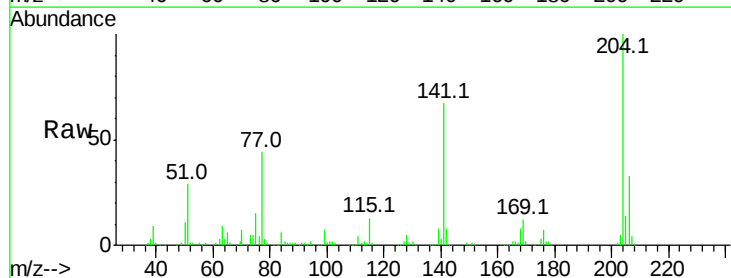


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

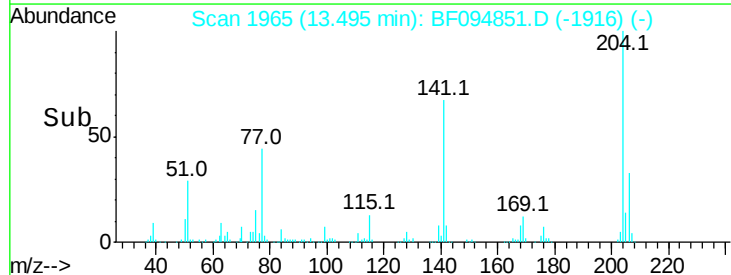
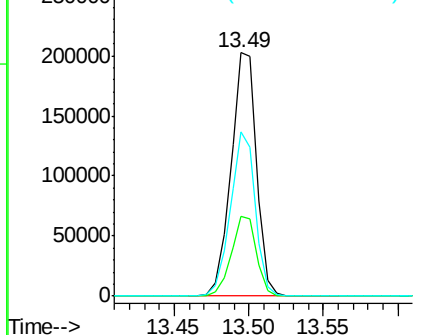


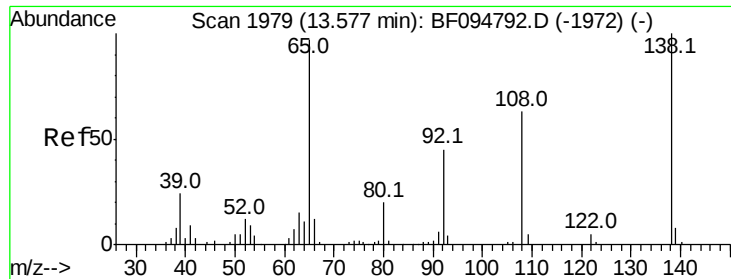
#60
4-Chlorophenyl-phenylether
Concen: 41.97 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	67.3	60.8	91.2



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

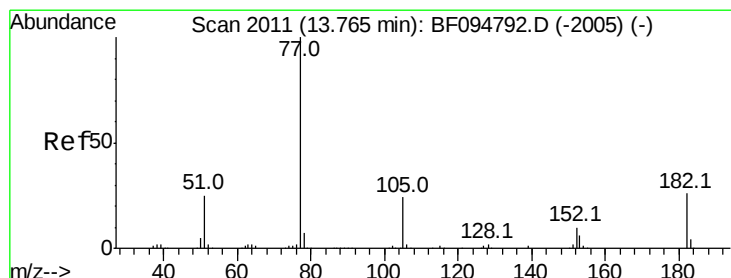
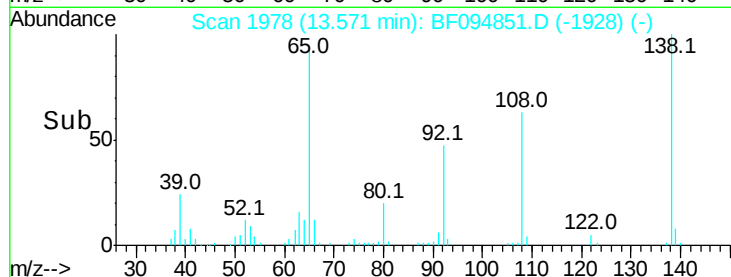
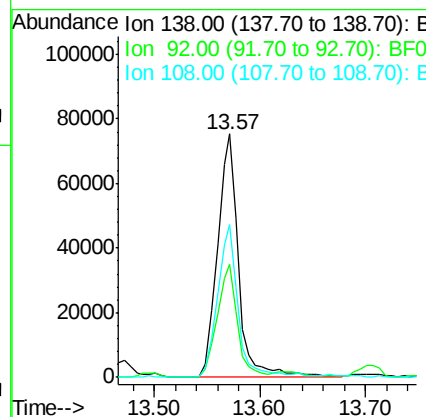
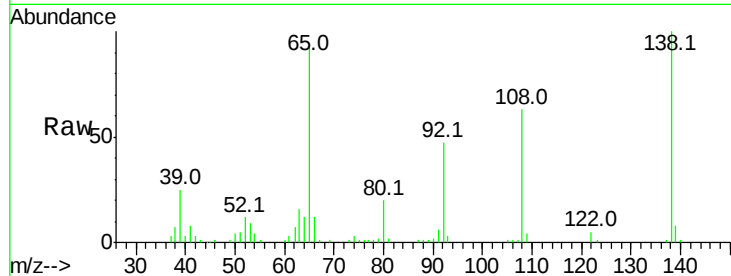




#61
4-Nitroaniline
Concen: 37.59 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

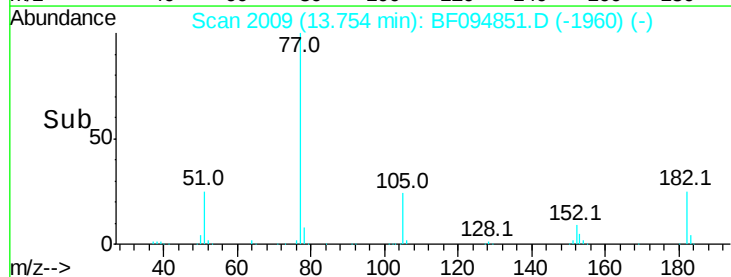
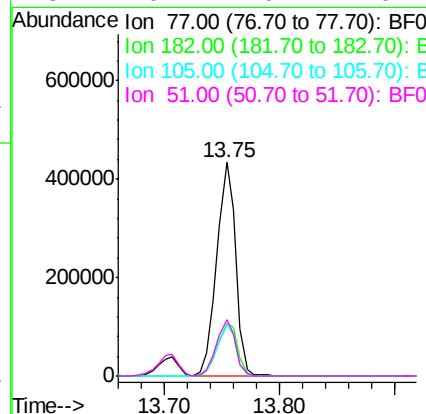
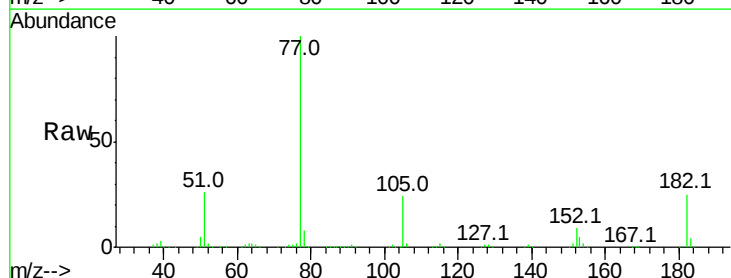
Instrument :
BNA_F
ClientSampled :

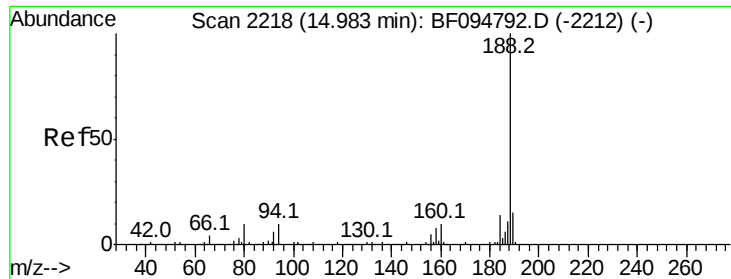
Tot Ion:138 Resp: 106731
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 62.8 42.3 82.3



#62
Azobenzene
Concen: 45.41 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion: 77 Resp: 494062
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 23.8 3.6 43.6
51 26.4 9.4 49.4

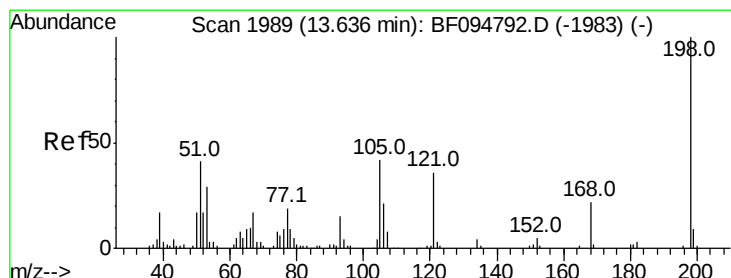
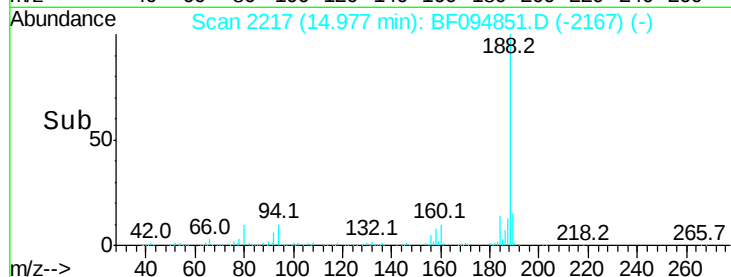
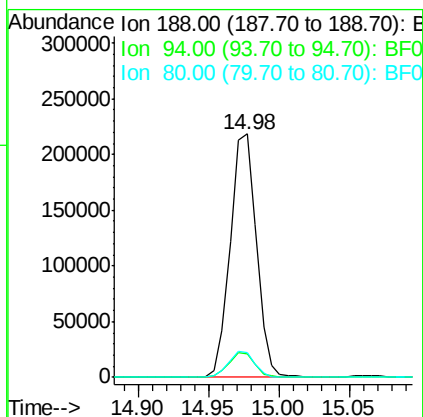
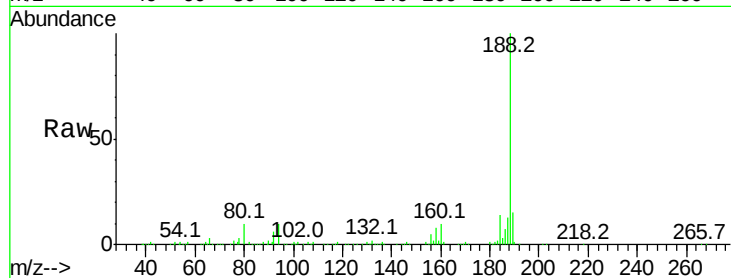




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

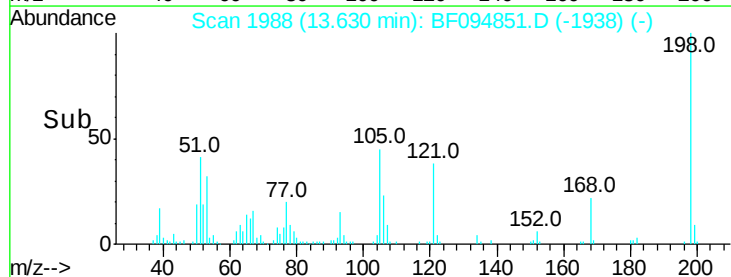
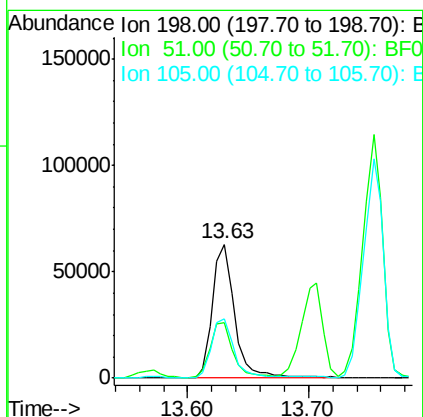
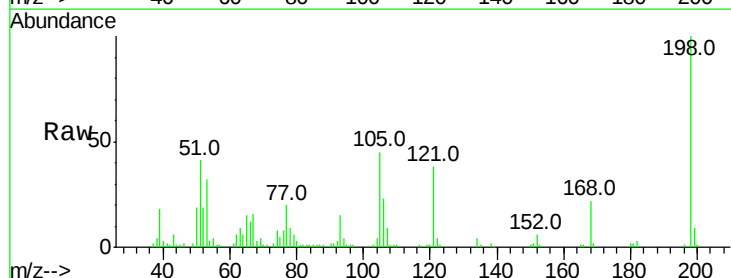
Instrument :
BNA_F
ClientSampleID :

Tot Ion:188 Resp: 283611
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.04 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:198 Resp: 79932
Ion Ratio Lower Upper
198 100
51 41.1 53.2 93.2#
105 44.9 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 44.66 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

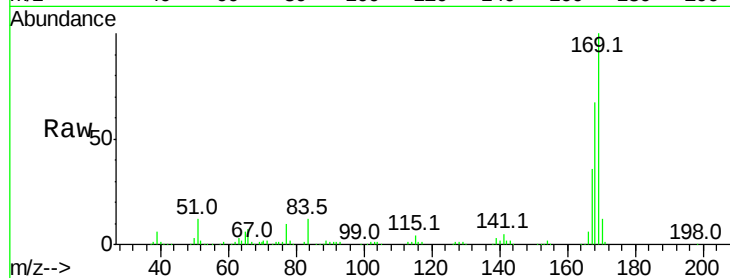
Tot Ion:169 Resp: 459688

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

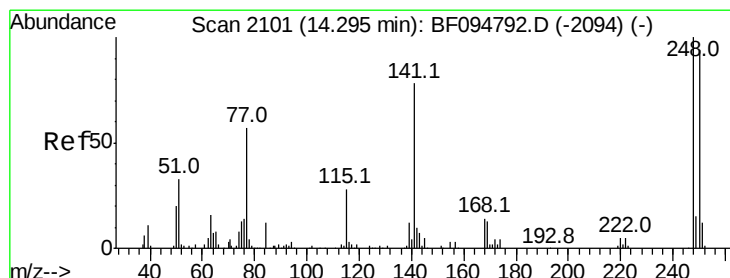
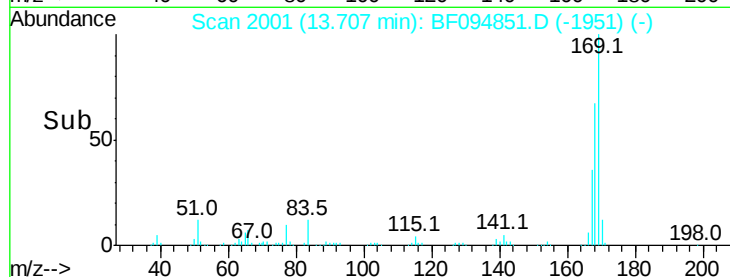
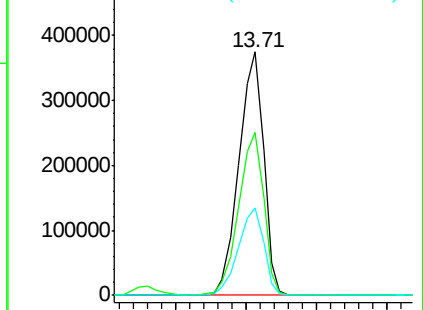
167 36.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.05 ng

RT: 14.28 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

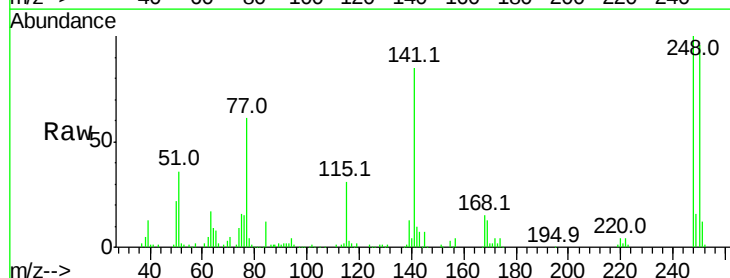
Tgt Ion:248 Resp: 131978

Ion Ratio Lower Upper

248 100

250 96.4 76.8 115.2

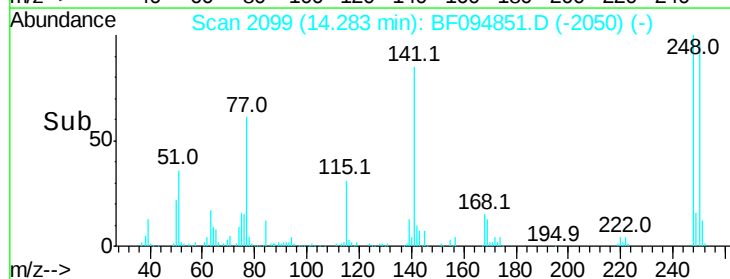
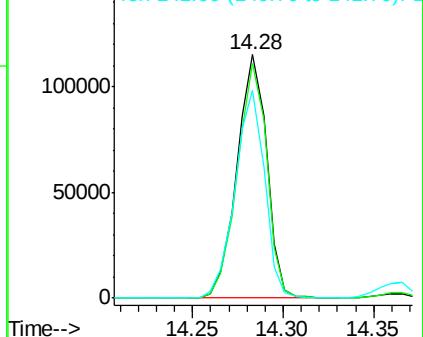
141 85.3 68.6 103.0

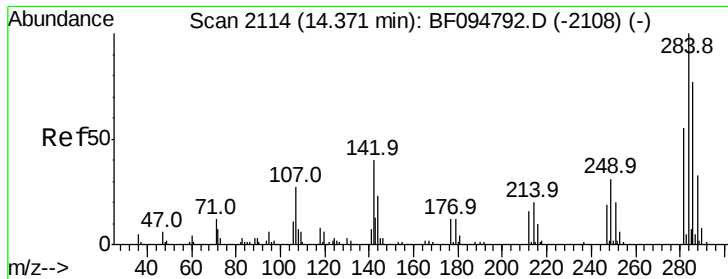


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.81 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

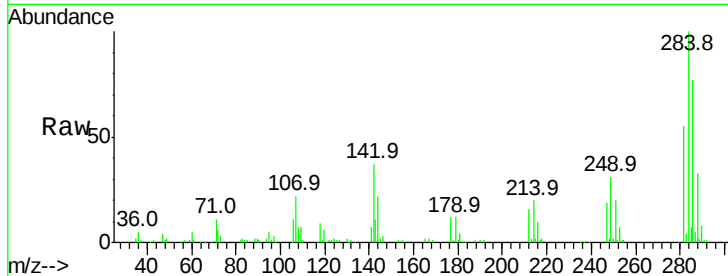
Tot Ion:284 Resp: 128383

Ion Ratio Lower Upper

284 100

142 37.4 22.8 34.2#

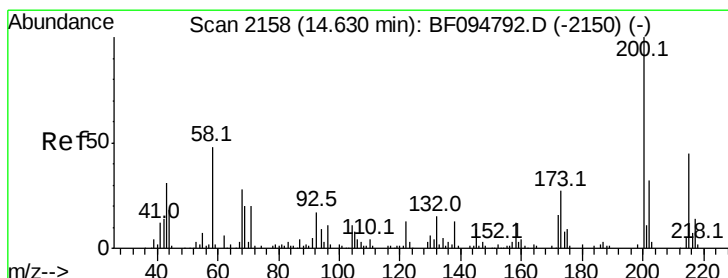
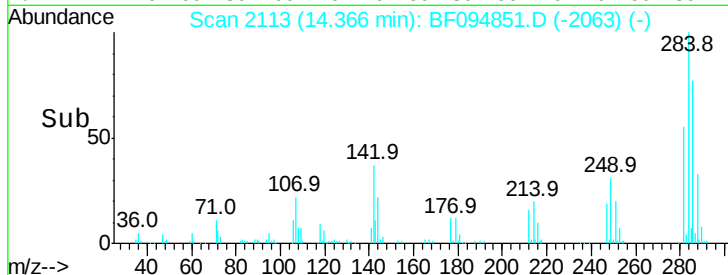
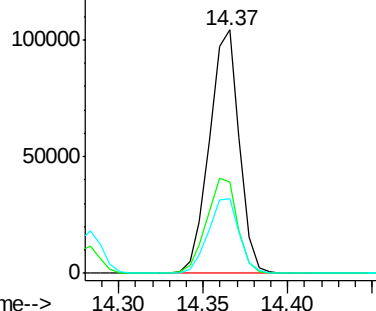
249 30.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.51 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

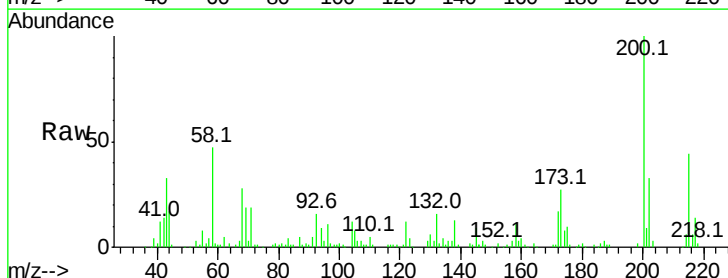
Tgt Ion:200 Resp: 132262

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

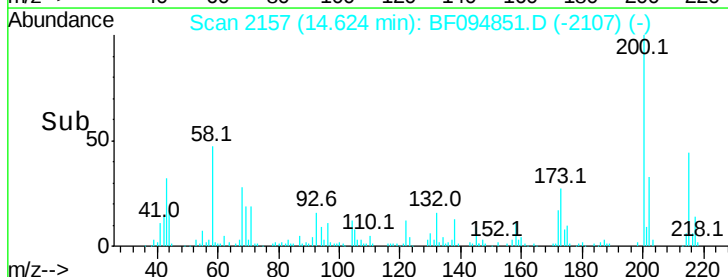
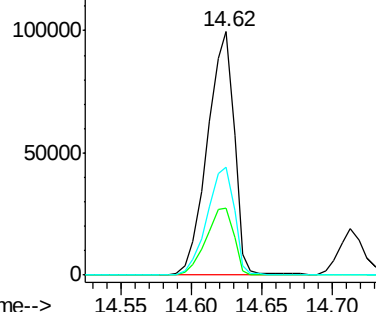
215 44.2 27.2 67.2

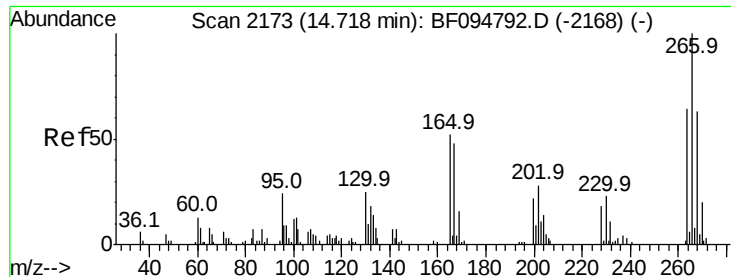


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

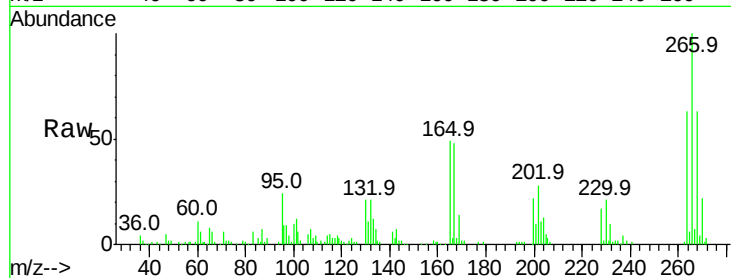




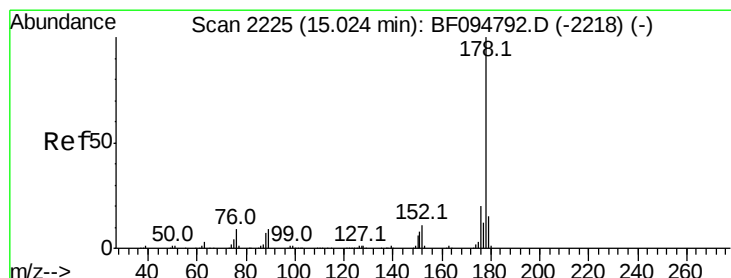
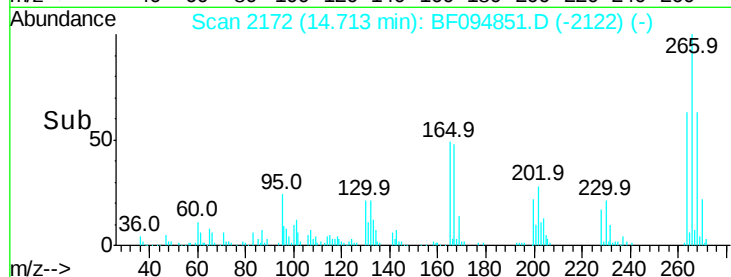
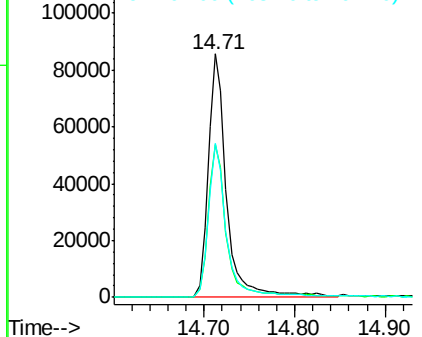
#69
 Pentachlorophenol
 Concen: 87.77 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	63.2	51.7	77.5

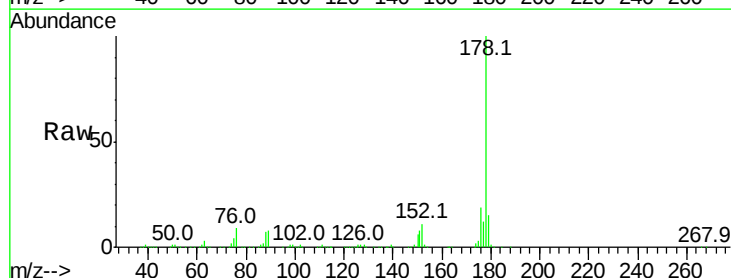


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

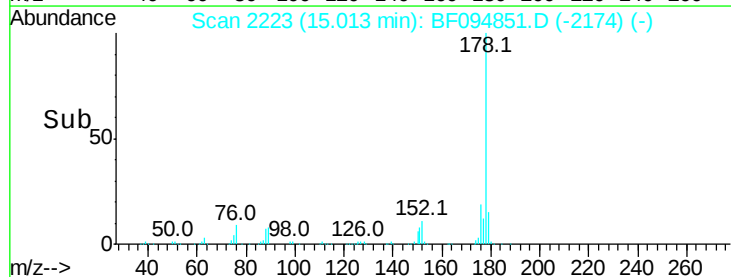
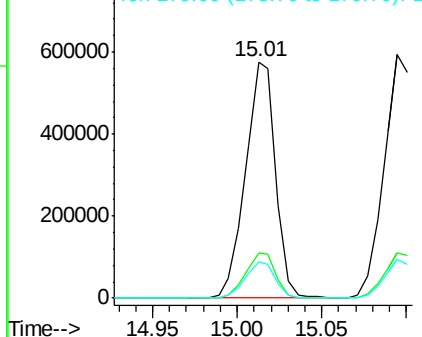


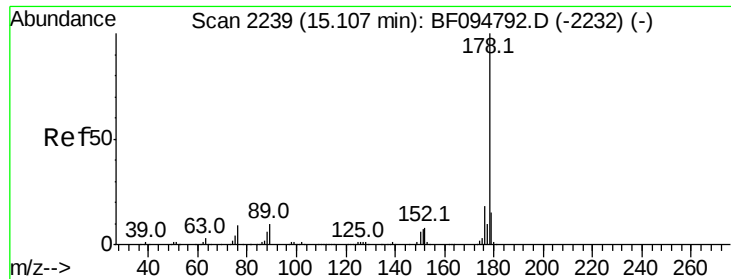
#70
 Phenanthrene
 Concen: 43.72 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

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

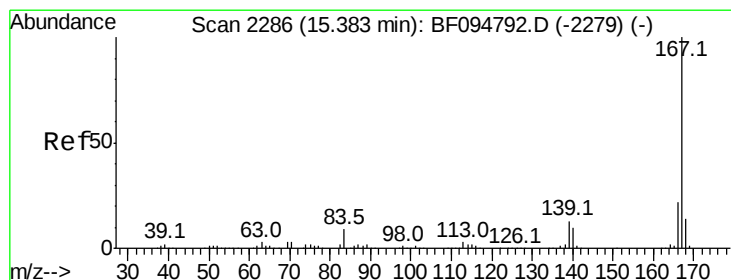
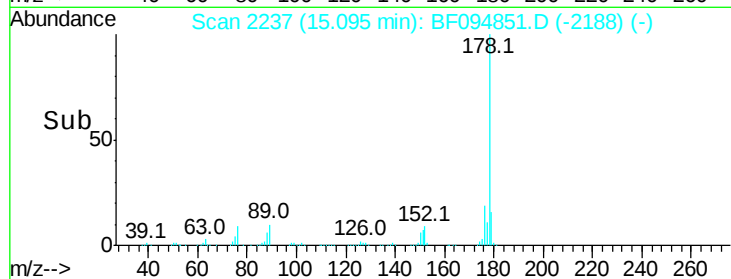
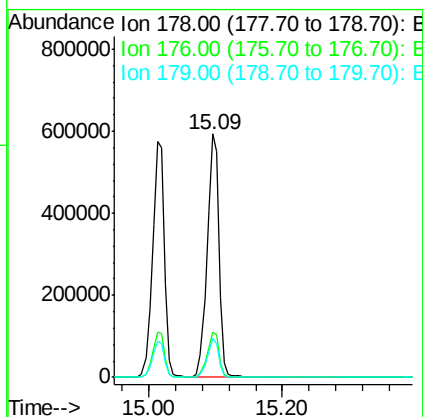
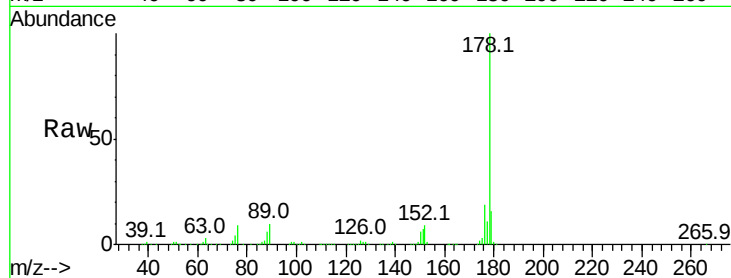




#71
 Anthracene
 Concen: 43.96 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

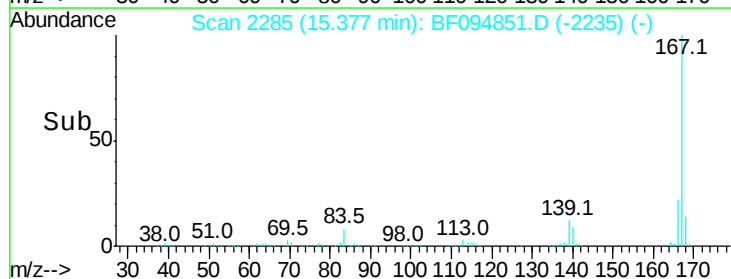
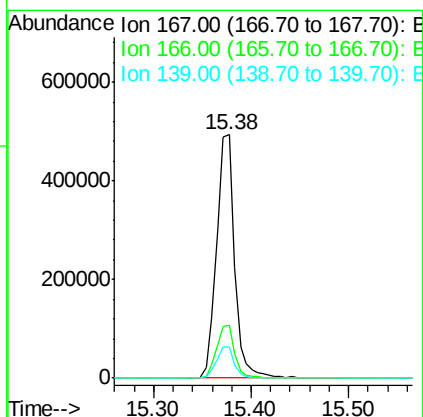
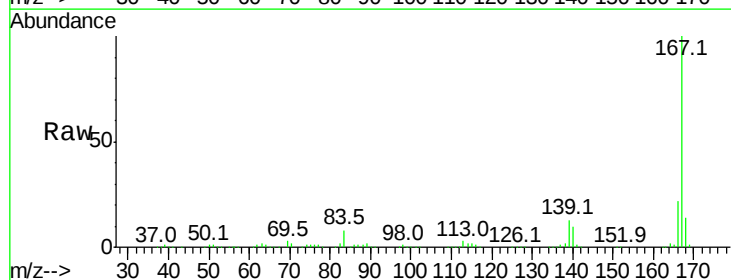
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 731797
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 42.24 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:167 Resp: 639659
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.10 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampled :

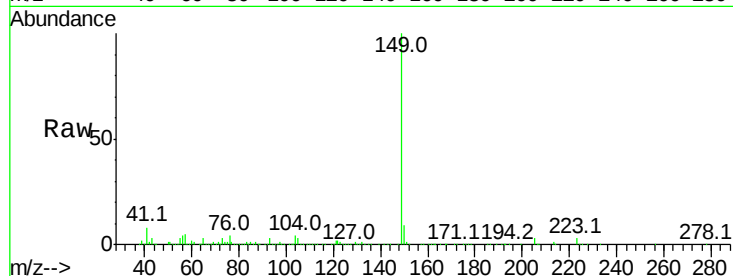
Tot Ion:149 Resp: 795117

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

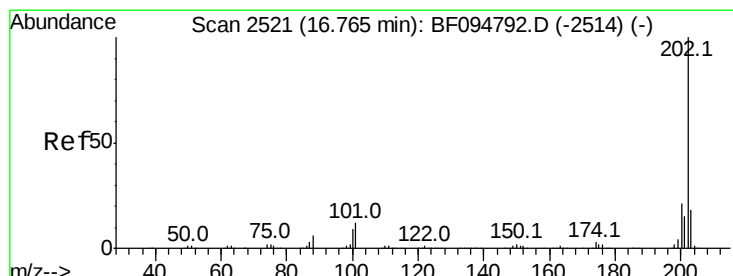
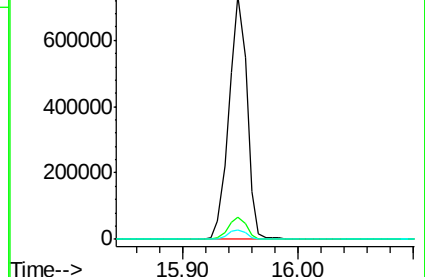
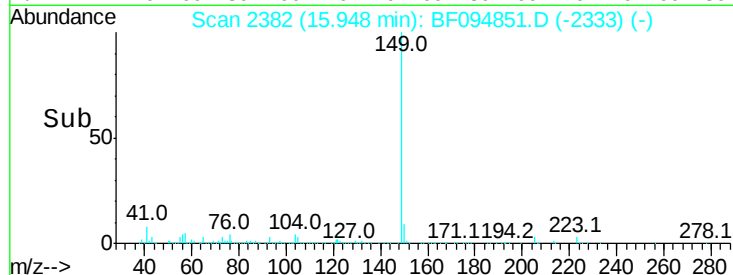
104 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.38 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

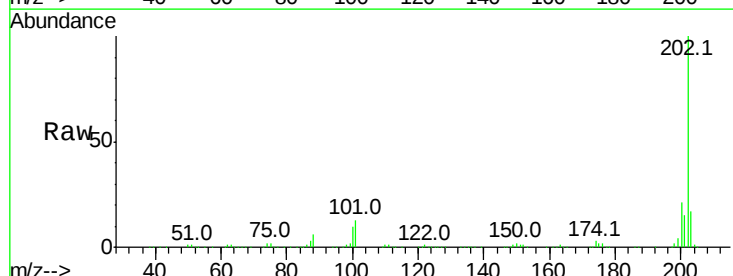
Tgt Ion:202 Resp: 708466

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

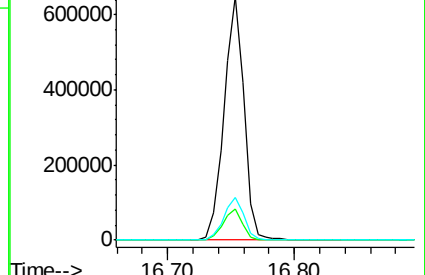
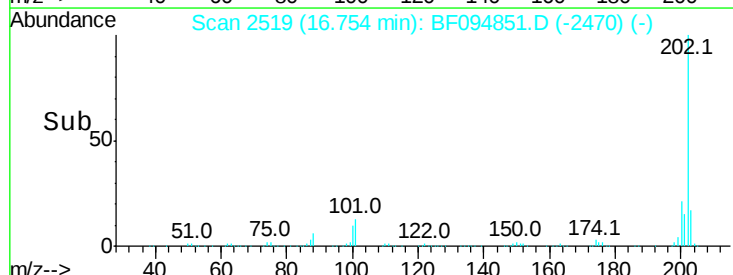
203 17.4 0.0 38.1

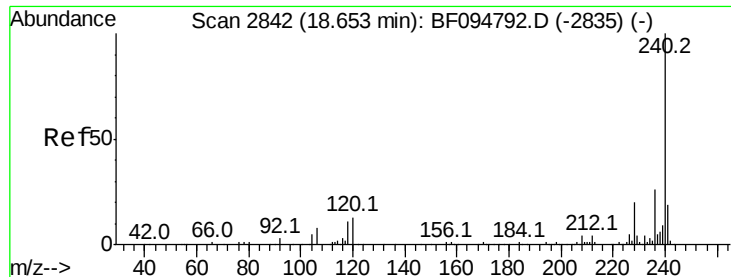


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

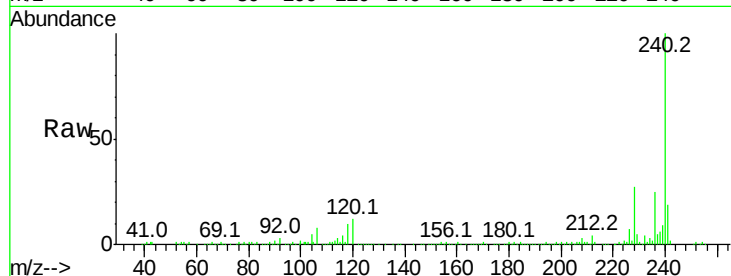
Tot Ion:240 Resp: 188591

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

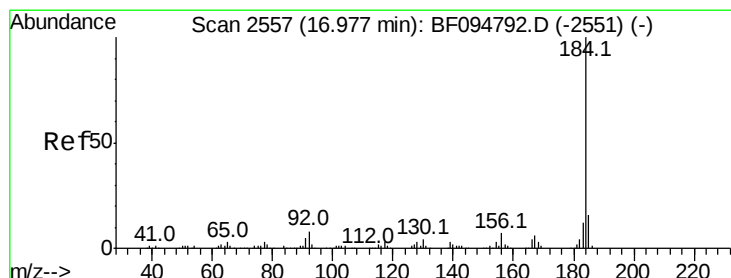
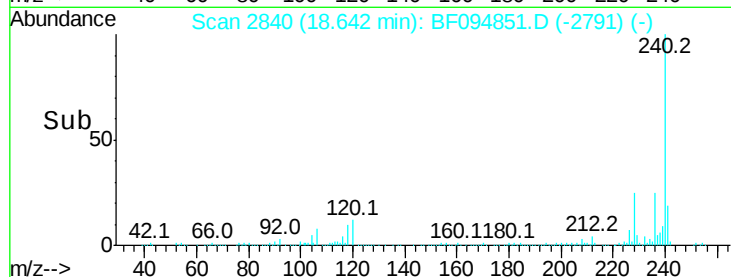
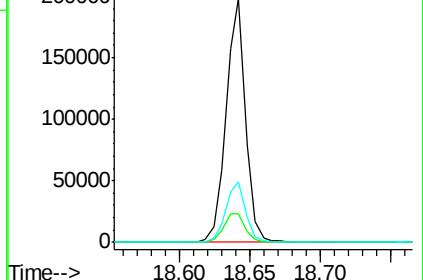
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.23 ng

RT: 16.98 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

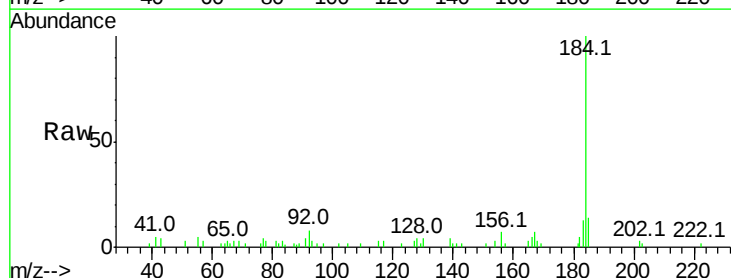
Tgt Ion:184 Resp: 33344

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

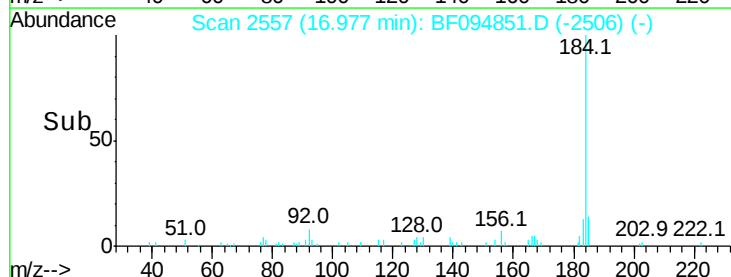
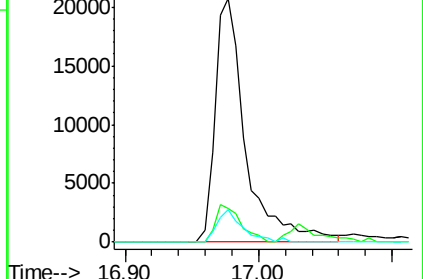
183 13.5 9.8 14.6

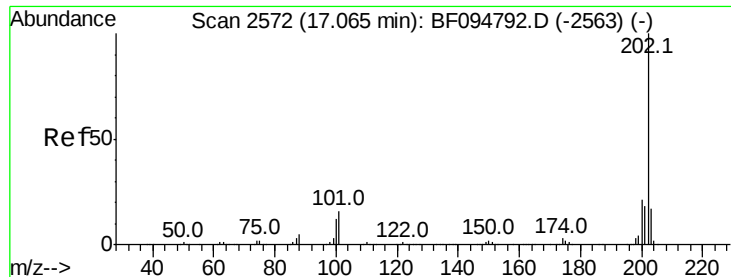


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.59 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

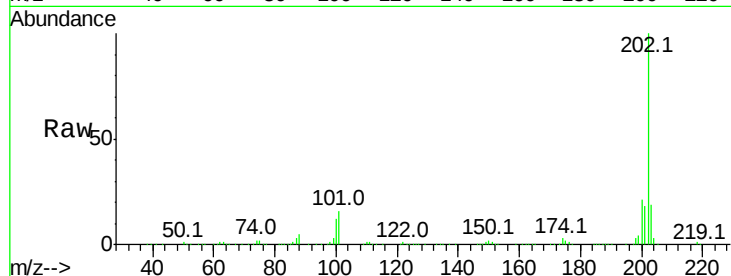
Tot Ion:202 Resp: 685310

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

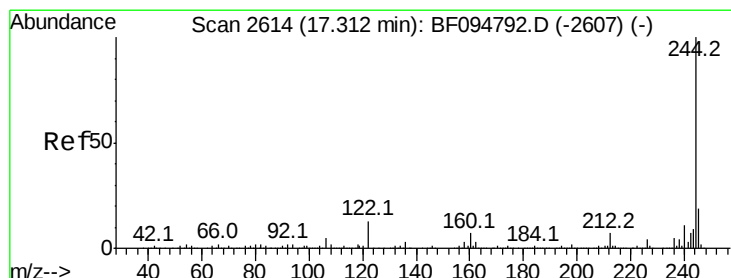
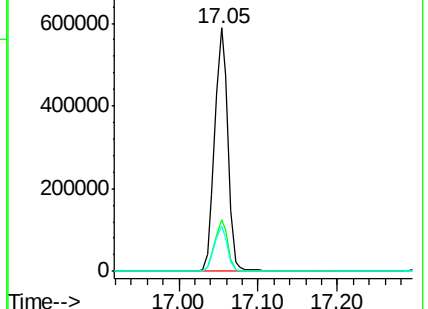
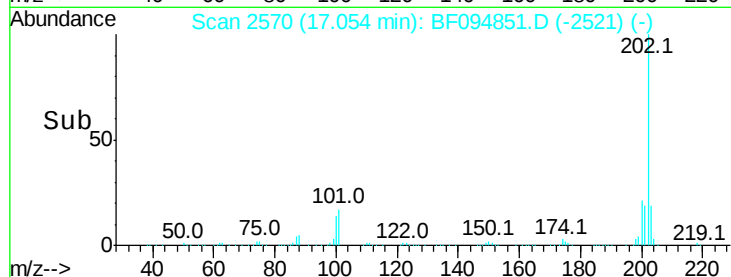
203 18.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.63 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

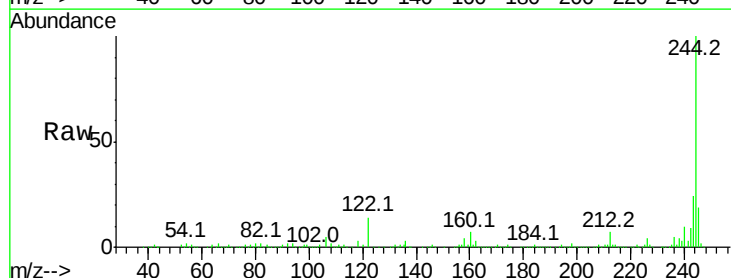
Tgt Ion:244 Resp: 681781

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

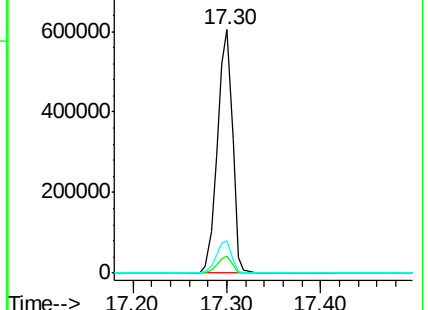
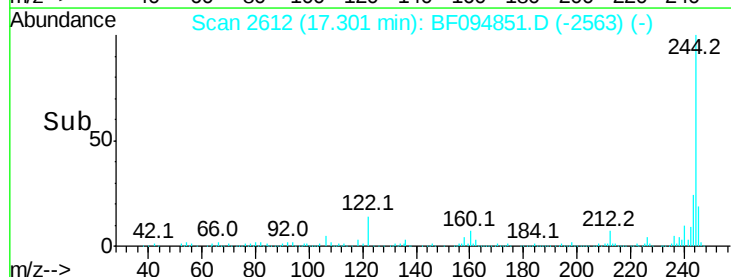
122 13.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

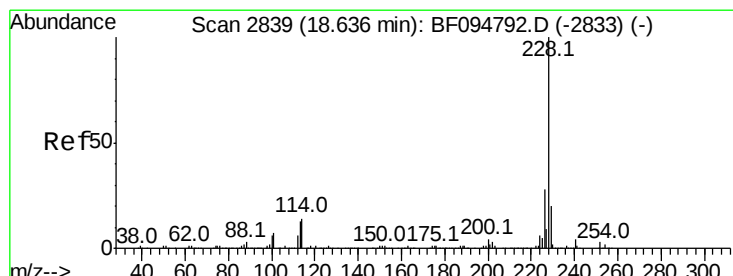
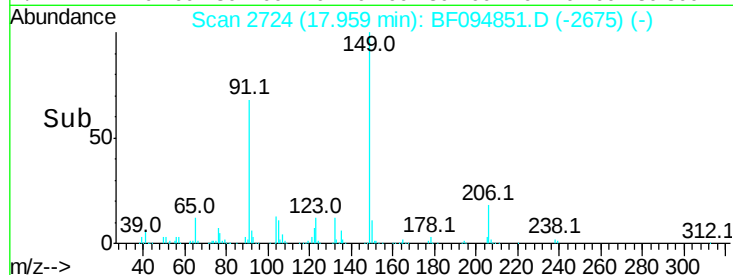
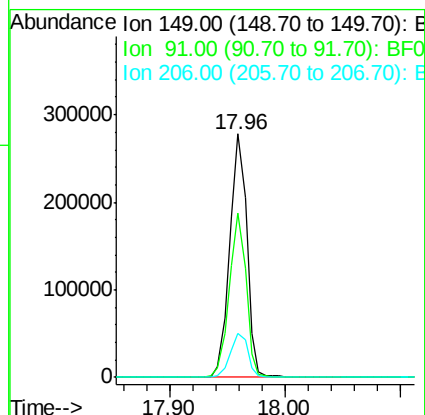
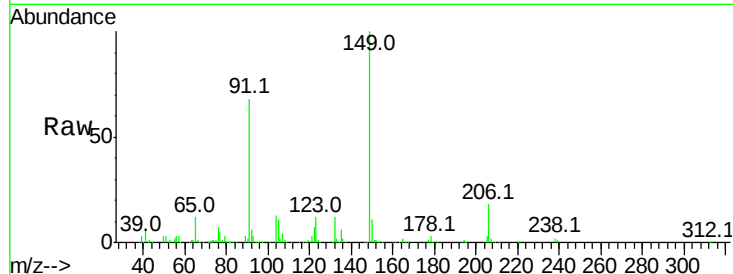




#79
Butylbenzylphthalate
Concen: 43.95 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

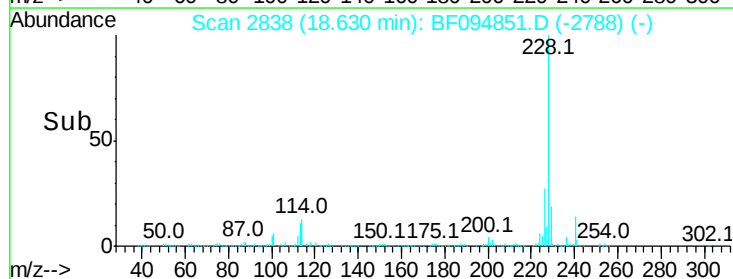
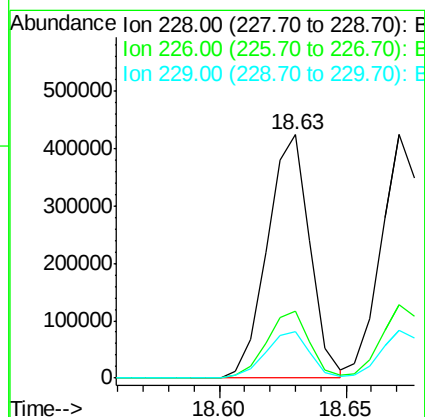
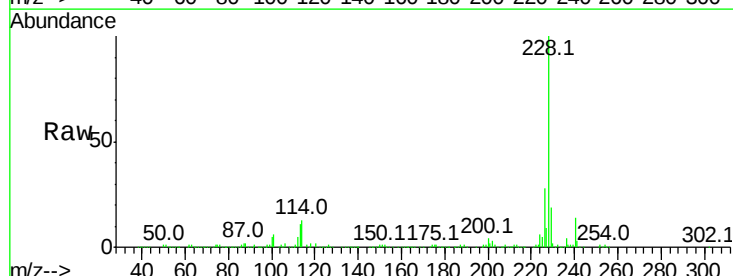
Instrument :
BNA_F
ClientSampleId :

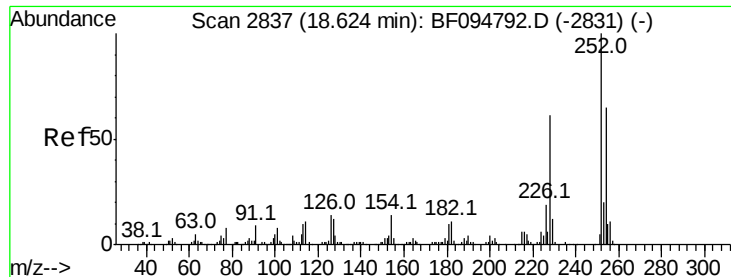
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	45.0	67.4#
206	18.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 45.42 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.1	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 23.13 ng

RT: 18.61 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :

BNA_F

ClientSampleId :

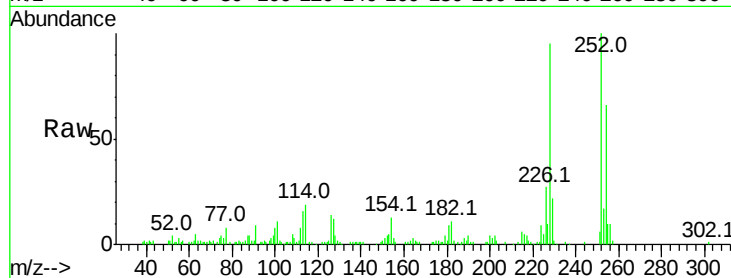
Tot Ion:252 Resp: 87672

Ion Ratio Lower Upper

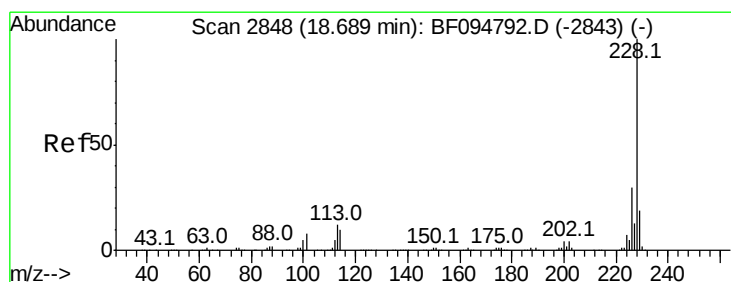
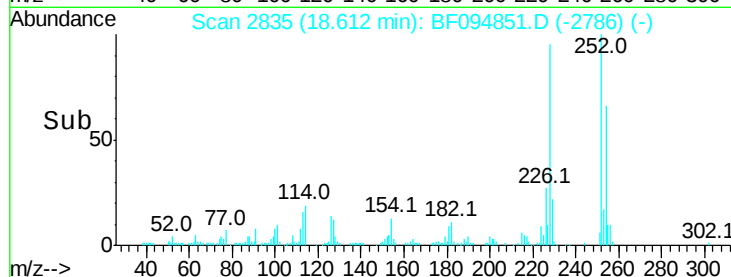
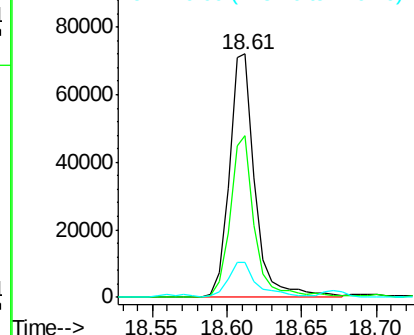
252 100

254 66.3 51.5 77.3

126 14.2 15.8 23.8#



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



#82

Chrysene

Concen: 43.65 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

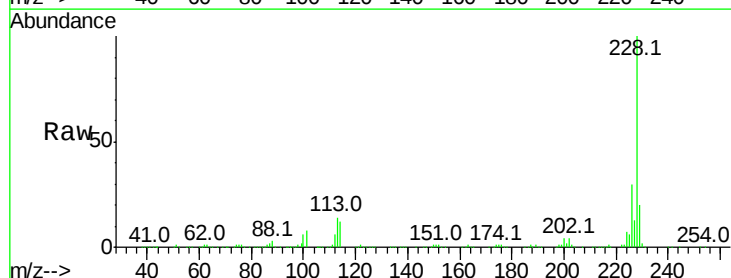
Tgt Ion:228 Resp: 463289

Ion Ratio Lower Upper

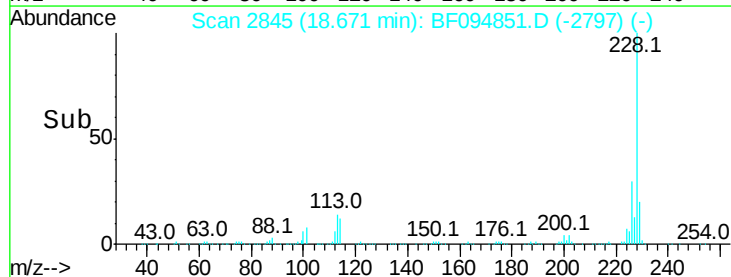
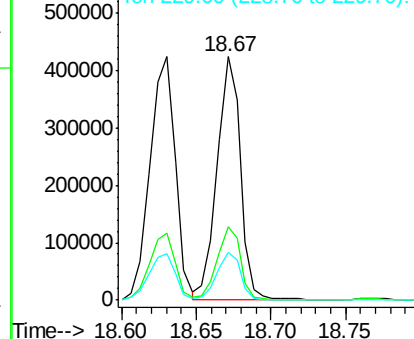
228 100

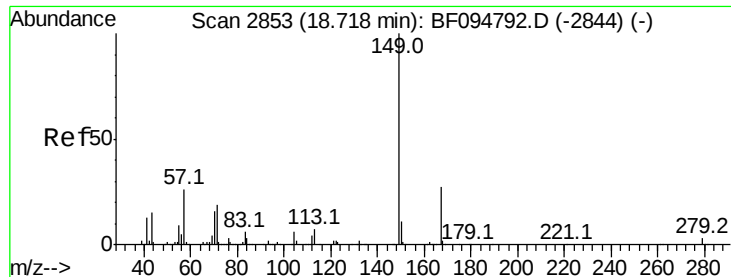
226 30.4 24.9 37.3

229 19.7 15.8 23.6



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

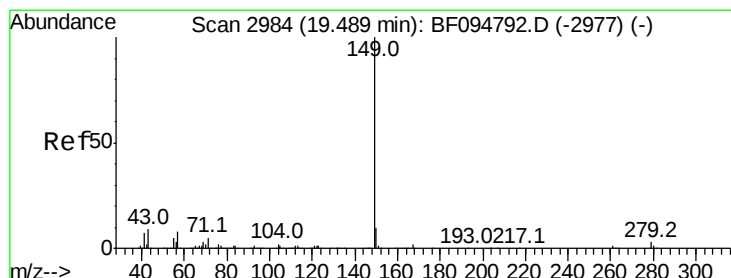
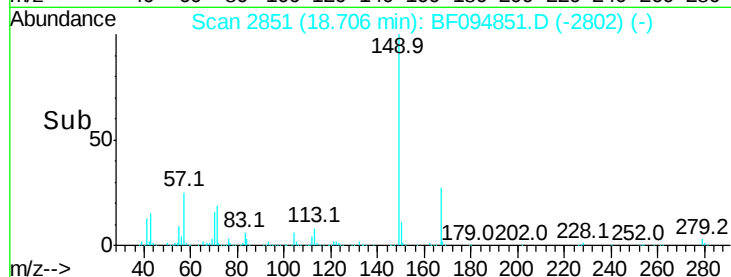
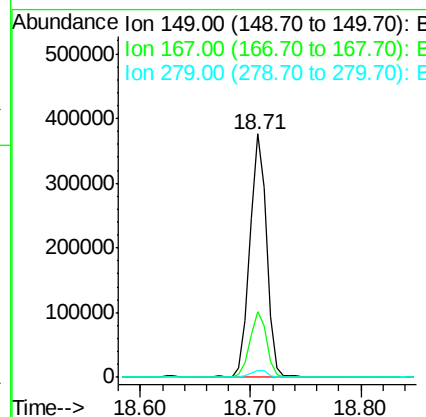
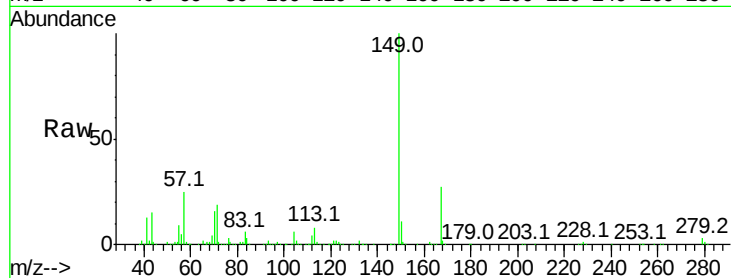




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.94 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

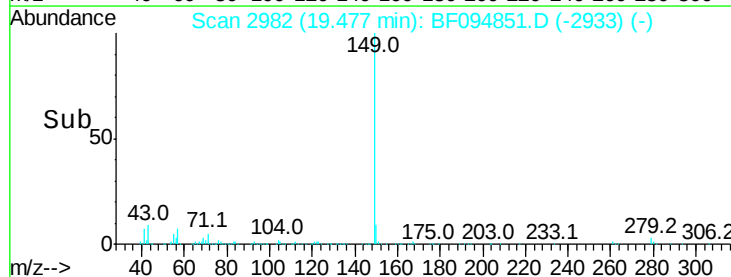
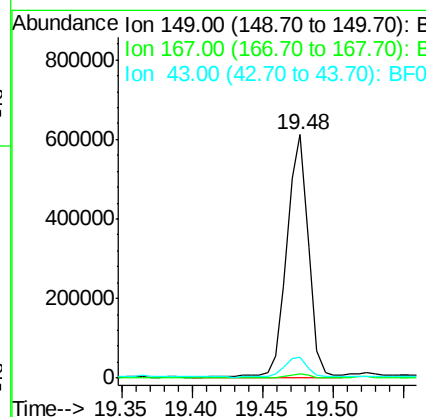
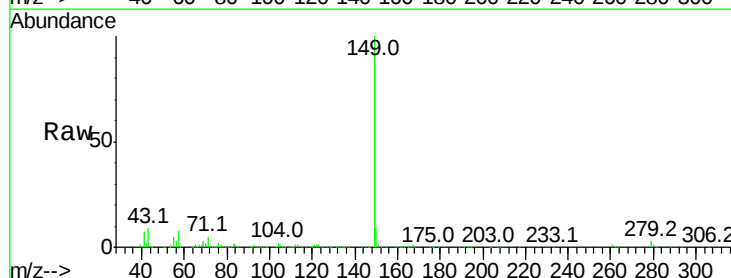
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 401341
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.37 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:149 Resp: 649328
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 8.5 12.7

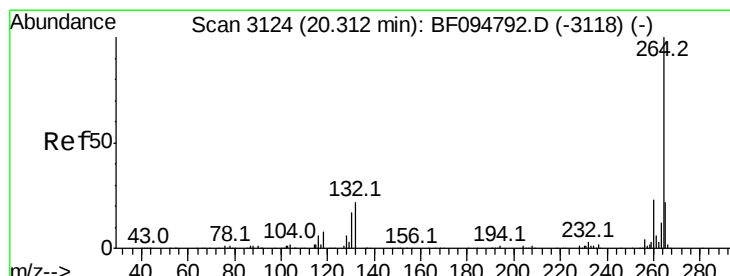
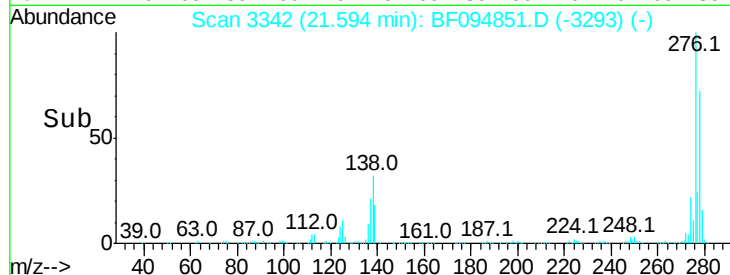
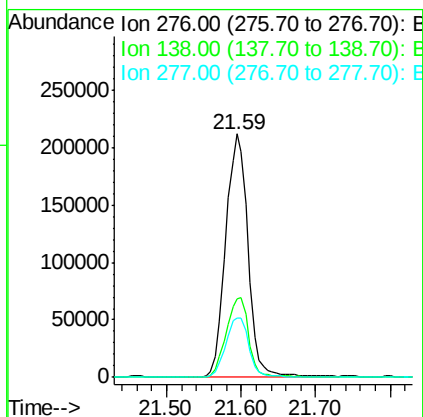
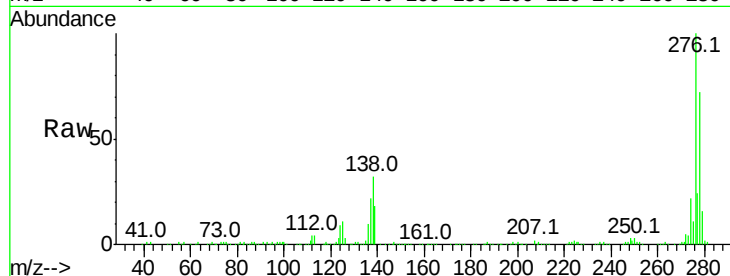




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.60 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

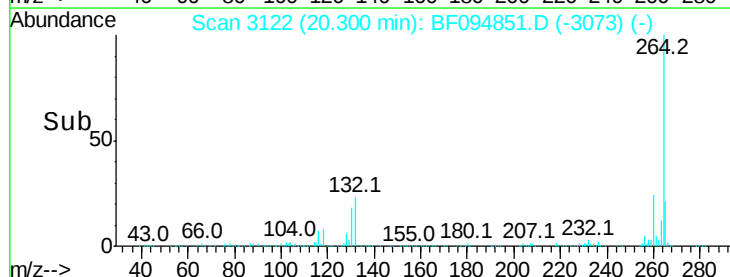
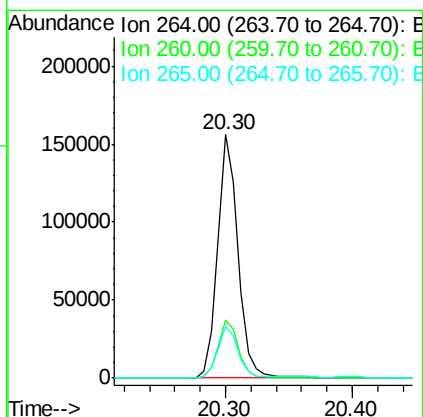
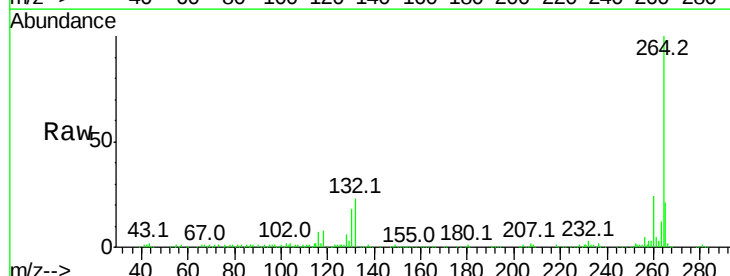
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 444724
 Ion Ratio Lower Upper
 276 100
 138 33.2 27.8 41.6
 277 25.4 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: BF094851.D
 Acq: 4 May 2017 00:18

Tgt Ion:264 Resp: 176918
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.91 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

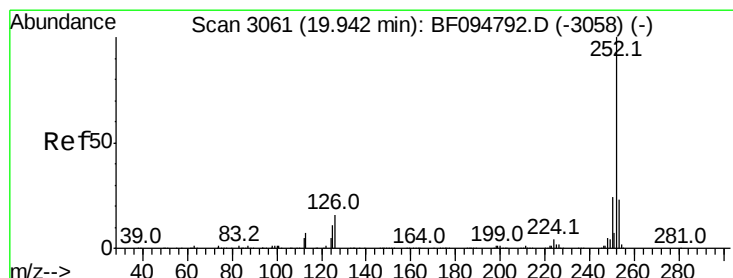
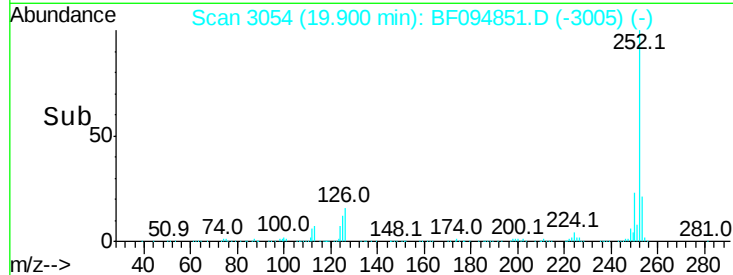
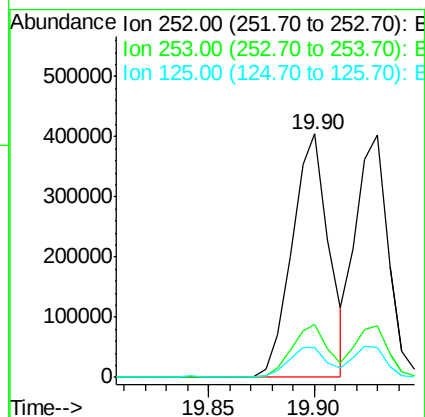
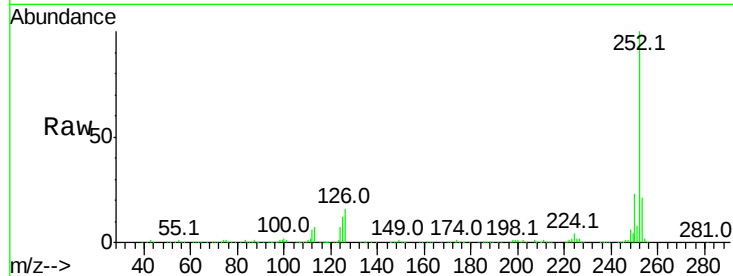
Lab File: BF094851.D

Acq: 4 May 2017 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 491007

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	12.3	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 41.04 ng

RT: 19.93 min Scan# 3059

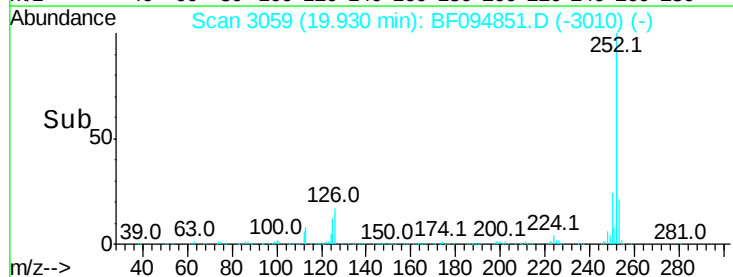
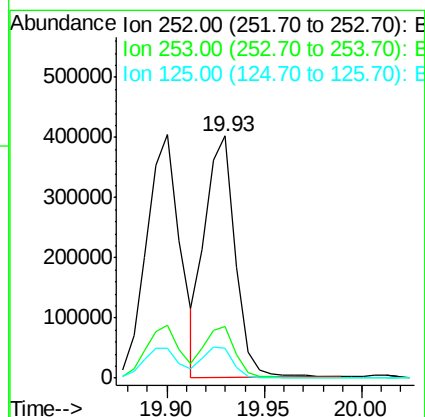
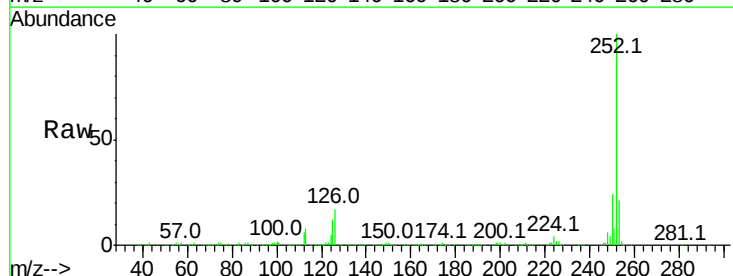
Delta R.T. -0.01 min

Lab File: BF094851.D

Acq: 4 May 2017 00:18

Tgt Ion:252 Resp: 432797

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	12.2	13.1	19.7#

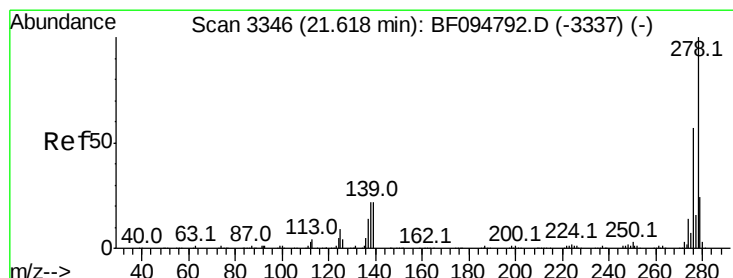
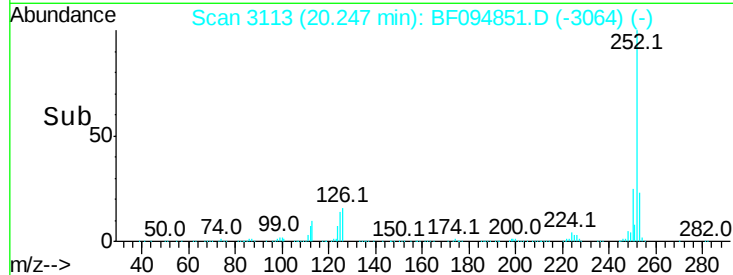
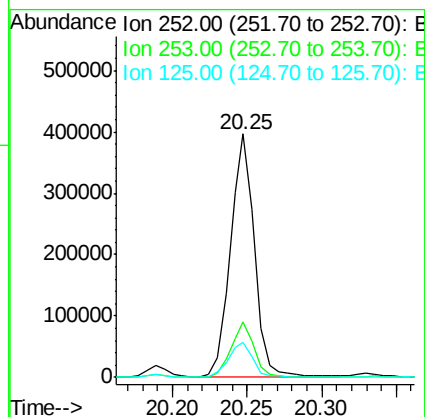
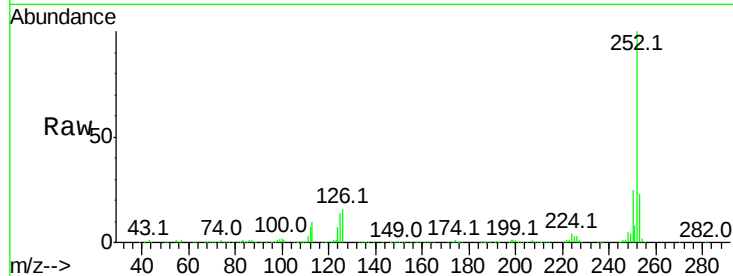




#89
Benzo(a)pyrene
Concen: 44.03 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

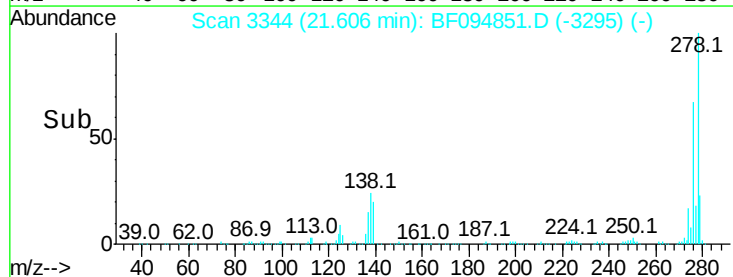
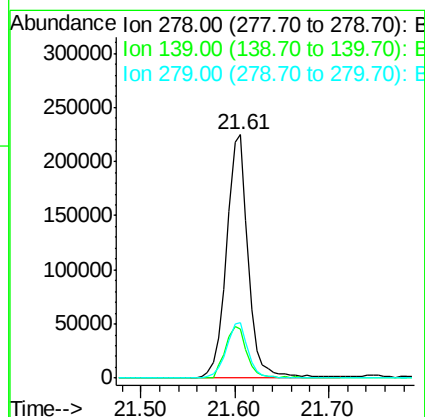
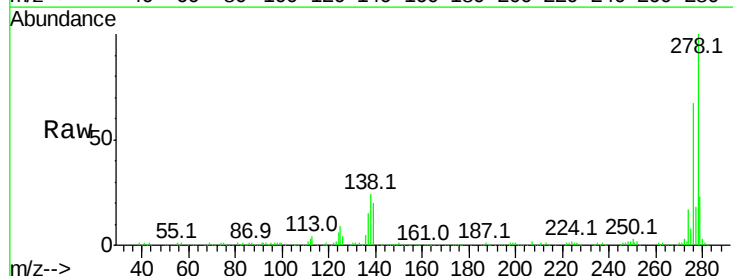
Instrument :
BNA_F
ClientSampled :

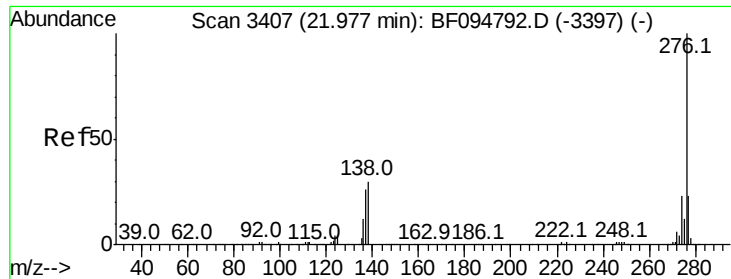
Tot Ion:252 Resp: 444126
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 42.87 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094851.D
Acq: 4 May 2017 00:18

Tgt Ion:278 Resp: 357168
Ion Ratio Lower Upper
278 100
139 20.2 16.6 24.8
279 22.8 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.47 ng
 RT: 21.97 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094851.D
 Acq: 4 May 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	363538
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	28.0	25.4	38.0

