

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094863.D
 Acq On : 4 May 2017 7:48
 Operator : SJ/MA
 Sample : I2897-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 08:26:52 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	97711	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	357515	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	162610	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	254502	20.00	ng	0.00
75) Chrysene-d12	18.64	240	193920	20.00	ng	-0.01
86) Perylene-d12	20.31	264	157349	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	760171	129.71	ng	0.02
7) Phenol-d6	7.28	99	871156	123.88	ng	0.00
23) Nitrobenzene-d5	8.63	82	581690	102.60	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	189794	142.52	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1097917	97.18	ng	0.00
78) Terphenyl-d14	17.30	244	721768	81.98	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	94546	32.89	ng	# 80
3) Pyridine	2.96	79	144475	21.69	ng	97
4) n-Nitrosodimethylamine	2.79	42	113652	40.93	ng	86
6) Aniline	7.24	93	167930	18.92	ng	95
8) 2-Chlorophenol	7.42	128	310674	46.57	ng	94
9) Benzaldehyde	7.05	77	20817	4.85	ng	98
10) Phenol	7.30	94	324582	43.80	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	281943	46.09	ng	94
12) 1,3-Dichlorobenzene	7.64	146	321022	42.42	ng	98
13) 1,4-Dichlorobenzene	7.76	146	335388	43.71	ng	97
14) 1,2-Dichlorobenzene	8.00	146	320878	44.80	ng	95
15) Benzyl Alcohol	8.02	79	244597	54.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	368105	42.51	ng	75
17) 2-Methylphenol	8.23	107	246276	45.11	ng	97
18) Hexachloroethane	8.51	117	102318	39.36	ng	# 84
19) n-Nitroso-di-n-propylamine	8.44	70	215309	45.27	ng	95
20) 3+4-Methylphenols	8.48	107	400140	53.94	ng	# 58
22) Acetophenone	8.40	105	432826	50.46	ng	# 84
24) Nitrobenzene	8.66	77	297315	50.03	ng	94
25) Isophorone	9.06	82	548250	54.16	ng	# 94
26) 2-Nitrophenol	9.17	139	170273	53.10	ng	97
27) 2,4-Dimethylphenol	9.31	122	269464	51.97	ng	99
28) bis(2-Chloroethoxy)methane	9.43	93	354676	50.64	ng	98
29) 2,4-Dichlorophenol	9.58	162	264634	54.06	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	251470	47.95	ng	99
31) Naphthalene	9.78	128	870097	48.42	ng	100
32) Benzoic acid	9.65	122	154031	45.54	ng	96
33) 4-Chloroaniline	9.94	127	130794	19.53	ng	94
34) Hexachlorobutadiene	10.00	225	128306	46.37	ng	99
35) Caprolactam	10.67	113	60693	41.29	ng	91
36) 4-Chloro-3-methylphenol	10.78	107	258279	49.35	ng	# 88
37) 2-Methylnaphthalene	10.91	142	587950	49.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	236448	47.28	ng	99
40) Hexachlorocyclopentadiene	11.17	237	54174	29.87	ng	97

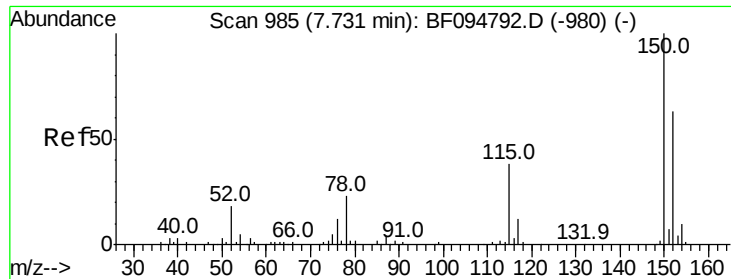
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
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 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	166338	49.82	nq	98
43) 2,4,5-Trichlorophenol	11.49	196	177254	49.39	nq	# 91
45) 1,1'-Biphenyl	11.68	154	669956	48.93	nq	97
46) 2-Chloronaphthalene	11.69	162	520490	47.08	nq	95
47) 2-Nitroaniline	11.90	65	149670	49.47	nq	# 79
48) Acenaphthylene	12.35	152	812781	46.94	nq	99
49) Dimethylphthalate	12.22	163	657456	49.25	nq	99
50) 2,6-Dinitrotoluene	12.31	165	133707	49.10	nq	93
51) Acenaphthene	12.63	154	495185	47.88	nq	99
52) 3-Nitroaniline	12.58	138	47836	16.36	nq	# 86
53) 2,4-Dinitrophenol	12.77	184	72063	50.54	nq	# 66
54) Dibenzofuran	12.92	168	745038	52.06	nq	98
55) 4-Nitrophenol	12.96	139	168658	96.07	nq	# 72
56) 2,4-Dinitrotoluene	12.97	165	171598	49.03	nq	# 84
57) Fluorene	13.47	166	588970	47.33	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	132806	58.80	nq	# 93
59) Diethylphthalate	13.37	149	595469	46.54	nq	99
60) 4-Chlorophenyl-phenylether	13.50	204	265981	48.63	nq	90
61) 4-Nitroaniline	13.57	138	117093	43.64	nq	98
62) Azobenzene	13.75	77	518280	50.41	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	50761	29.75	nq	# 73
65) n-Nitrosodiphenylamine	13.71	169	475177	51.44	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	144217	53.64	nq	99
67) Hexachlorobenzene	14.37	284	139477	50.62	nq	# 88
68) Atrazine	14.62	200	118387	45.39	nq	96
69) Pentachlorophenol	14.72	266	136714	107.55	nq	99
70) Phenanthrene	15.01	178	723451	49.47	nq	99
71) Anthracene	15.09	178	717226	48.02	nq	98
72) Carbazole	15.38	167	669943	49.29	nq	97
73) Di-n-butylphthalate	15.95	149	845912	49.91	nq	99
74) Fluoranthene	16.75	202	691942	46.13	nq	99
76) Benzidine	16.98	184	32359	11.91	nq	# 94
77) Pyrene	17.05	202	687292	47.39	nq	99
79) Butylbenzylphthalate	17.97	149	326827	48.45	nq	92
80) Benzo(a)anthracene	18.63	228	555349	49.21	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	146802	37.66	nq	# 96
82) Chrysene	18.68	228	517054	47.38	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	444311	46.23	nq	# 99
84) Di-n-octyl phthalate	19.48	149	735182	46.65	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	409667	46.23	nq	100
87) Benzo(b)fluoranthene	19.90	252	483871	49.77	nq	99
88) Benzo(k)fluoranthene	19.93	252	495305	52.81	nq	# 95
89) Benzo(a)pyrene	20.25	252	461639	51.45	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	349772	47.21	nq	99
91) Benzo(g,h,i)perylene	21.96	276	336662	46.30	nq	99

(#) = 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: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

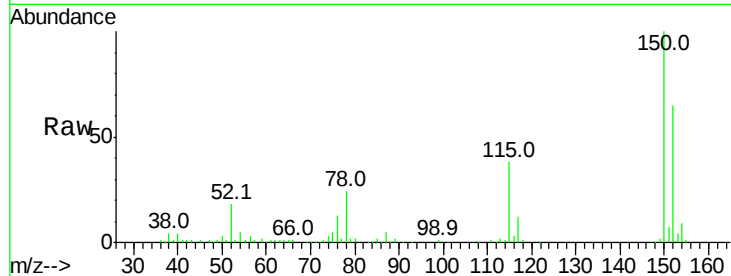
Tot Ion:152 Resp: 97711

Ion Ratio Lower Upper

152 100

150 153.8 126.2 189.2

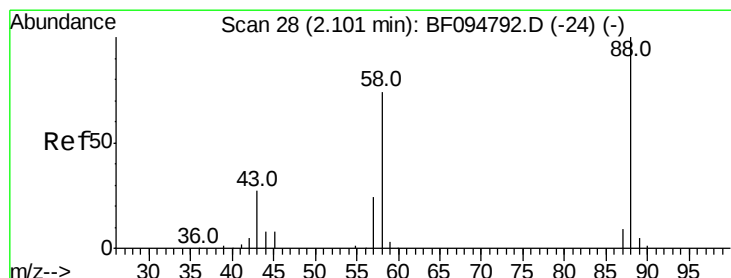
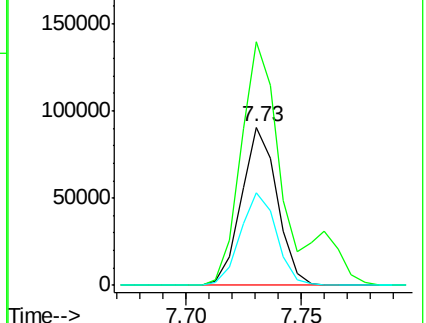
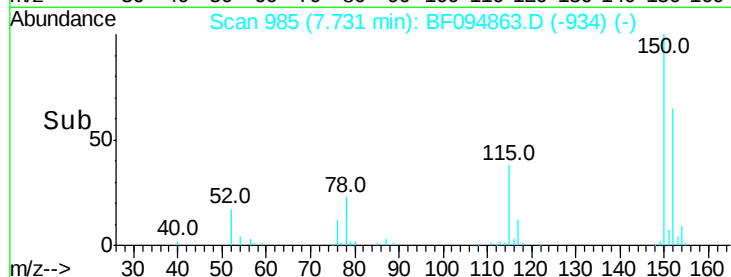
115 58.4 52.2 78.2



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: 32.89 ng

RT: 2.24 min Scan# 52

Delta R.T. 0.14 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

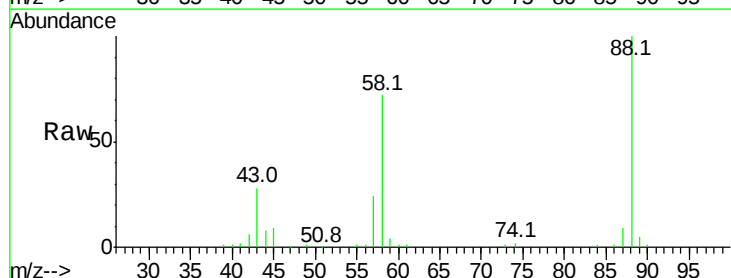
Tgt Ion: 88 Resp: 94546

Ion Ratio Lower Upper

88 100

58 71.1 61.4 92.0

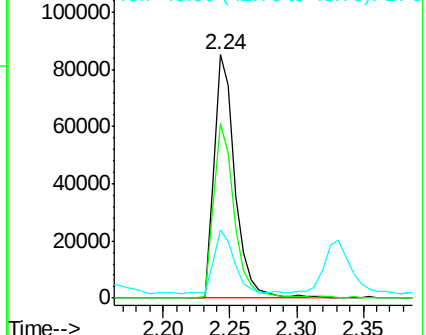
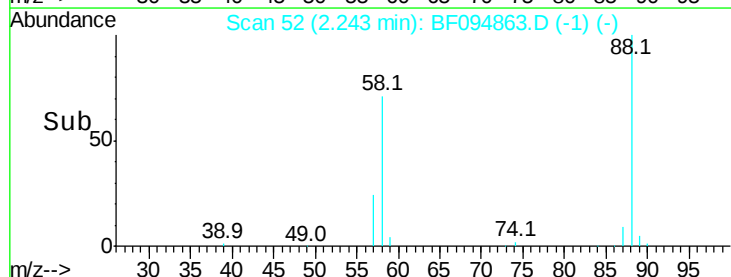
43 0.0 23.4 35.0#

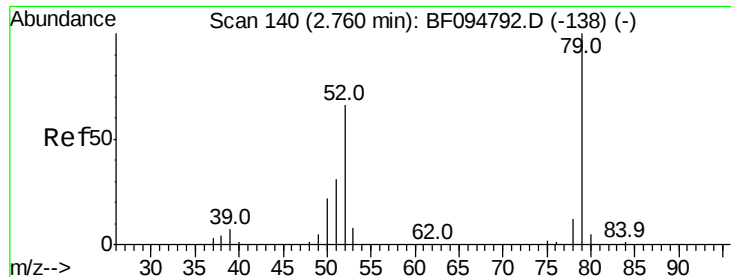


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.69 ng

RT: 2.96 min Scan# 174

Delta R.T. 0.20 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampled :

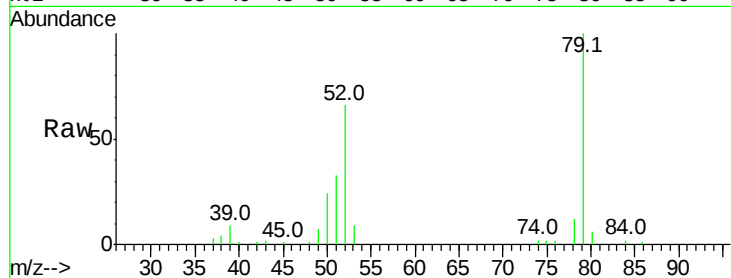
Tot Ion: 79 Resp: 144475

Ion Ratio Lower Upper

79 100

52 65.6 54.8 82.2

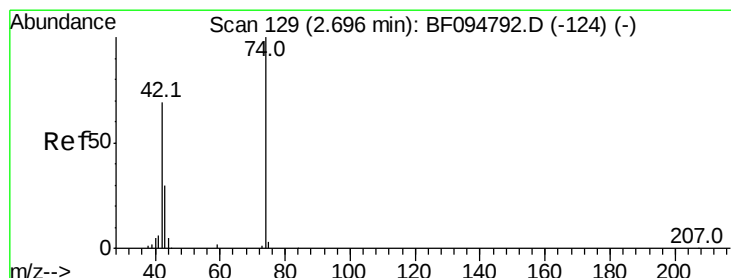
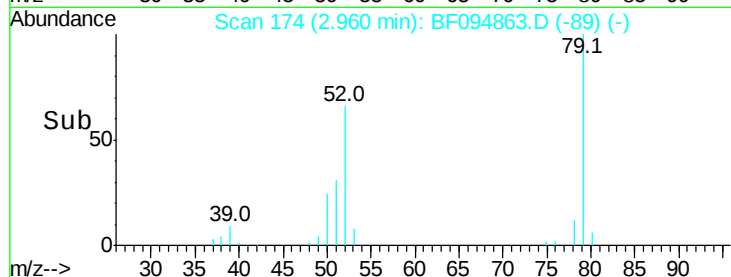
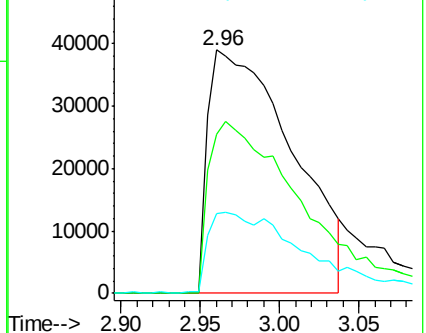
51 32.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.93 ng

RT: 2.79 min Scan# 145

Delta R.T. 0.09 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

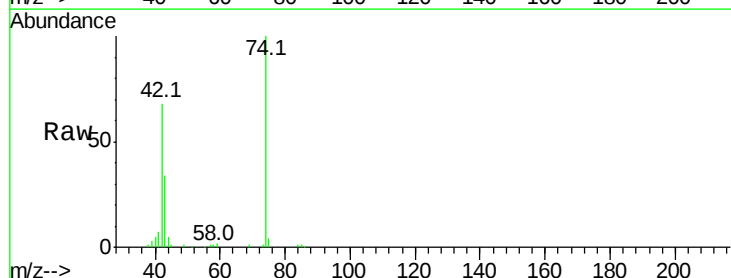
Tgt Ion: 42 Resp: 113652

Ion Ratio Lower Upper

42 100

74 147.1 103.9 155.9

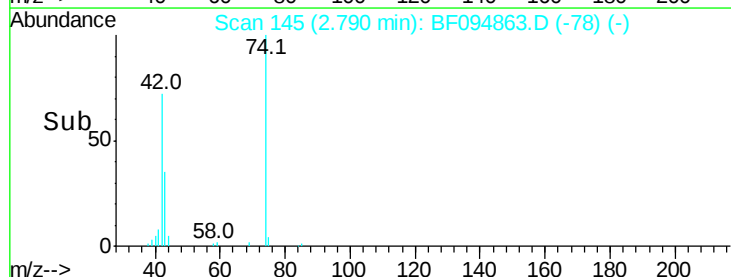
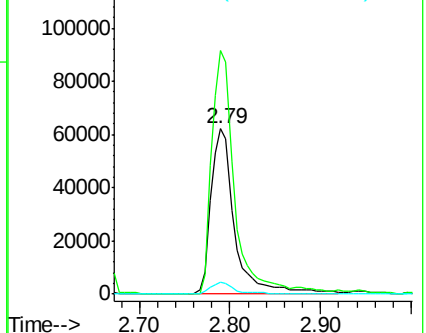
44 7.0 5.7 8.5

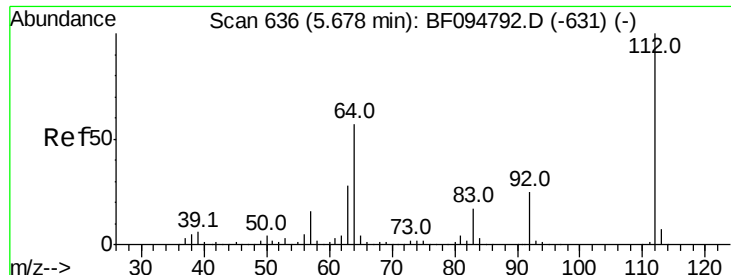


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

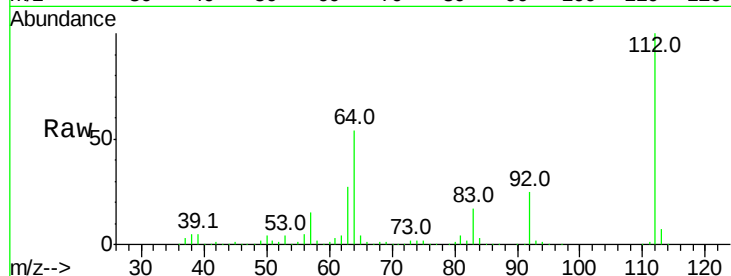




#5
 2-Fluorophenol
 Concen: 129.71 ng
 RT: 5.70 min Scan# 640
 Delta R.T. 0.02 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :

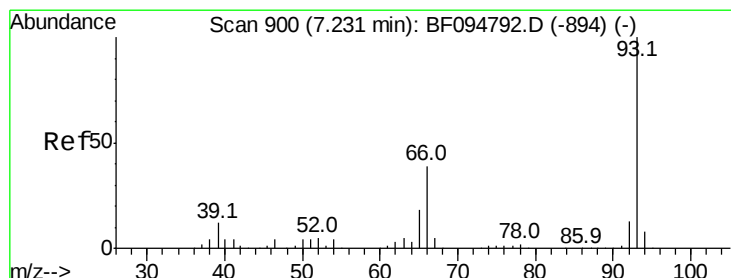
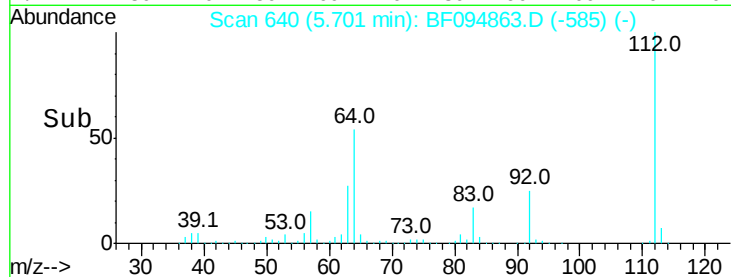
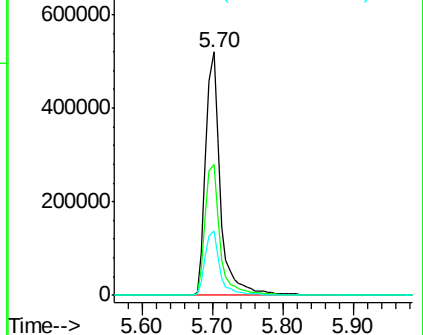
Tot Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

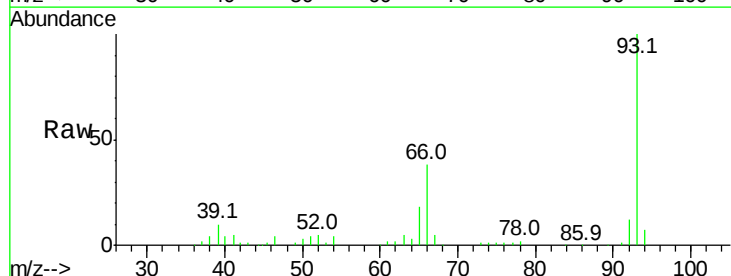
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 18.92 ng
 RT: 7.24 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

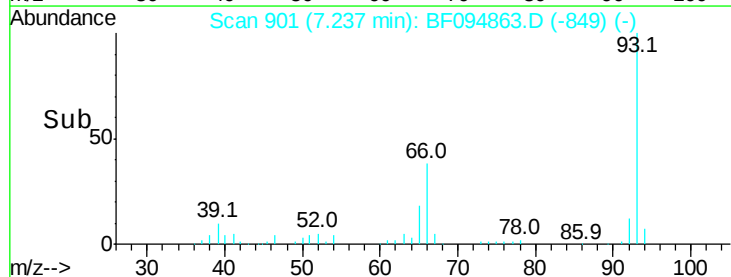
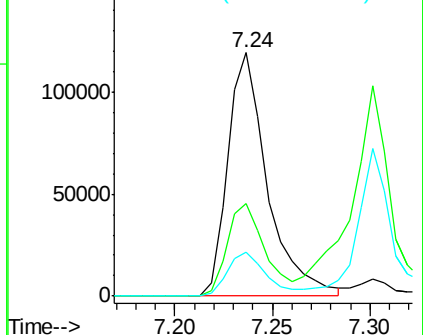
Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.8	32.9	49.3
65	18.2	16.0	24.0

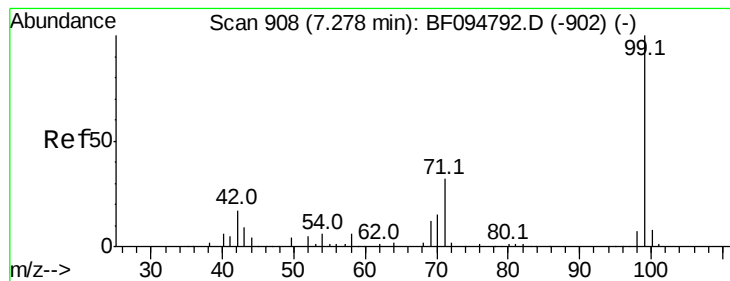


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.88 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

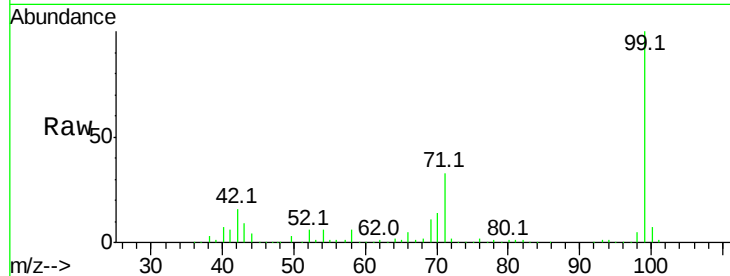
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 871156

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.8	24.5	36.7

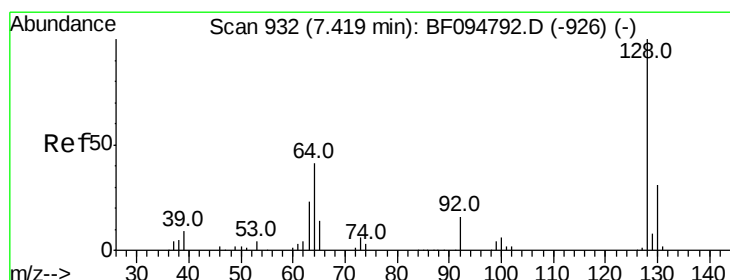
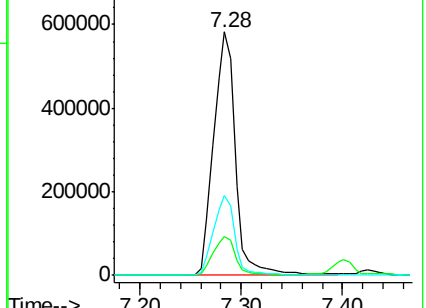
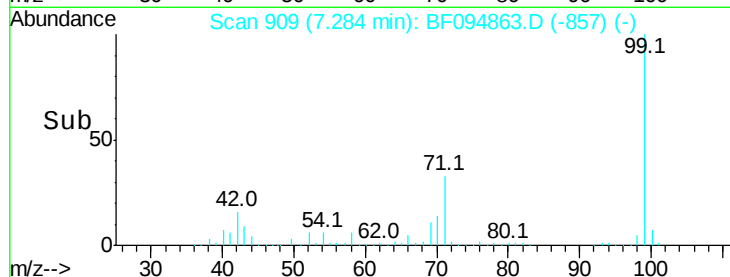


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.57 ng

RT: 7.42 min Scan# 933

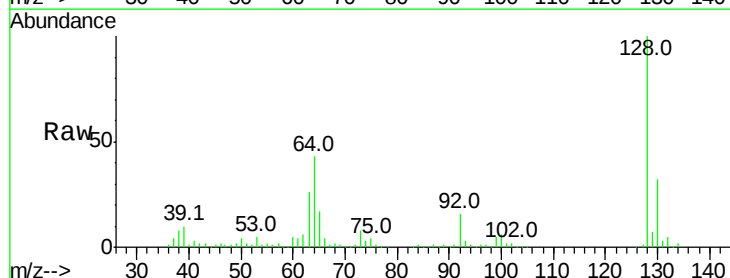
Delta R.T. 0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Tgt Ion: 128 Resp: 310674

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	43.0	28.4	68.4

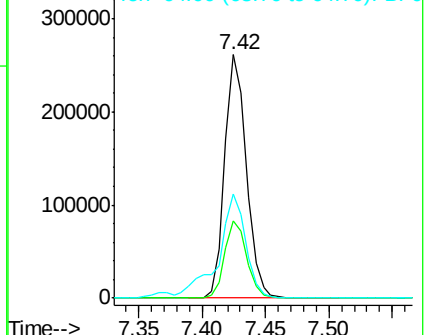
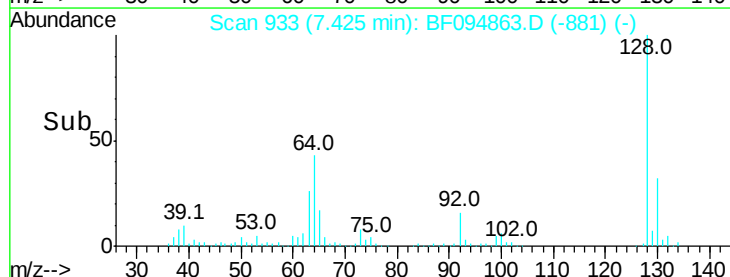


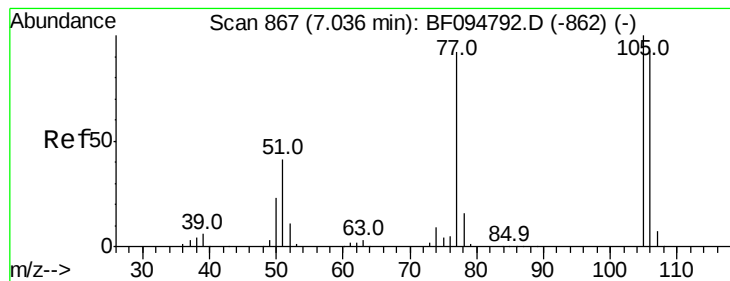
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.85 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

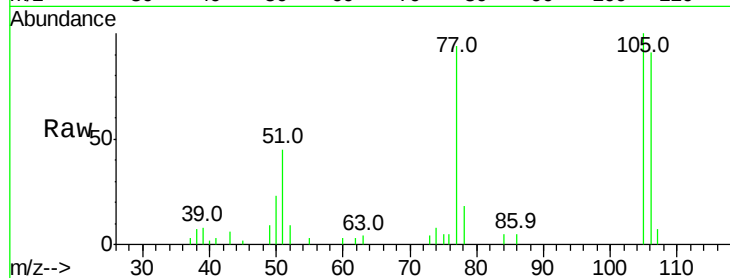
Tot Ion: 77 Resp: 20817

Ion Ratio Lower Upper

77 100

105 106.3 83.8 123.8

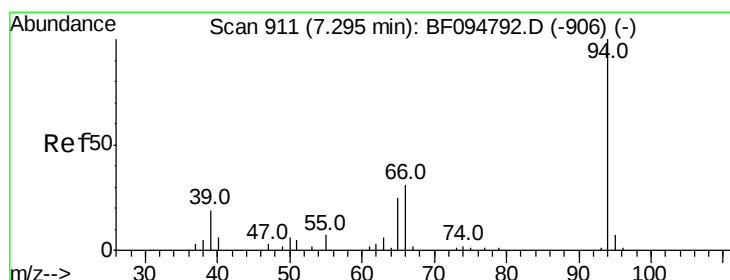
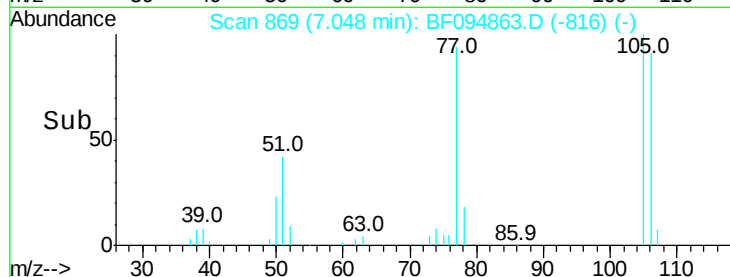
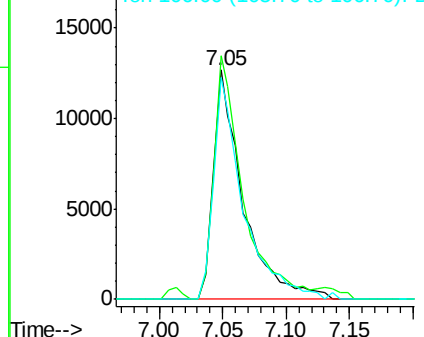
106 97.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.80 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

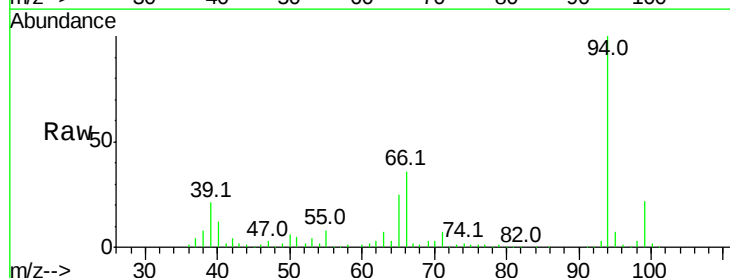
Tgt Ion: 94 Resp: 324582

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

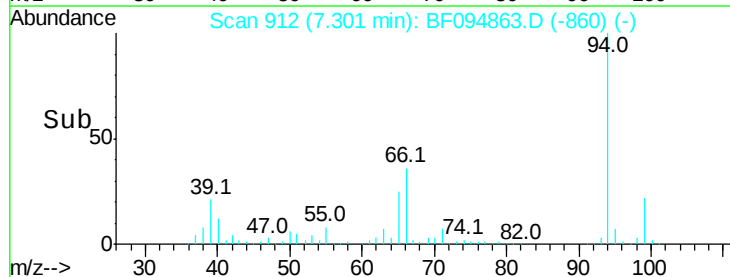
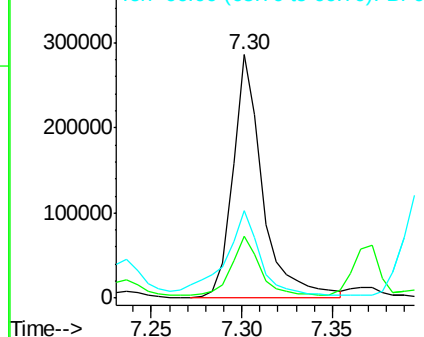
66 36.1 23.1 63.1

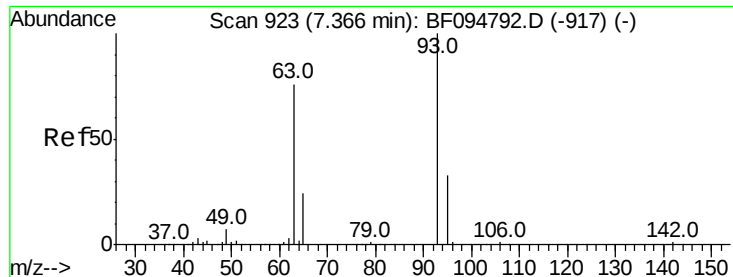


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

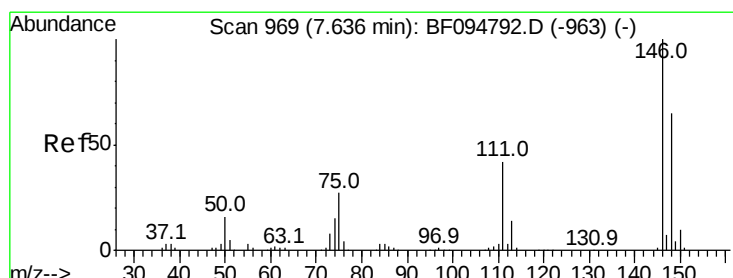
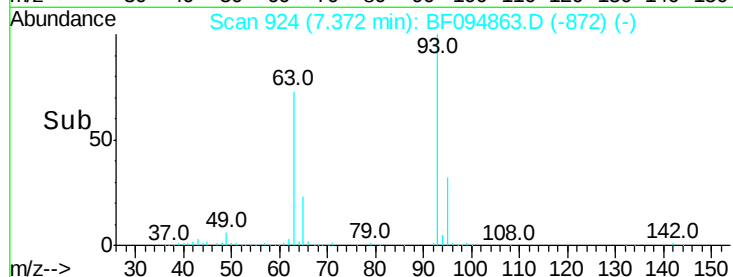
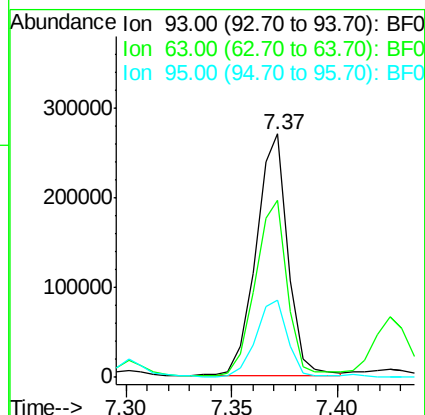
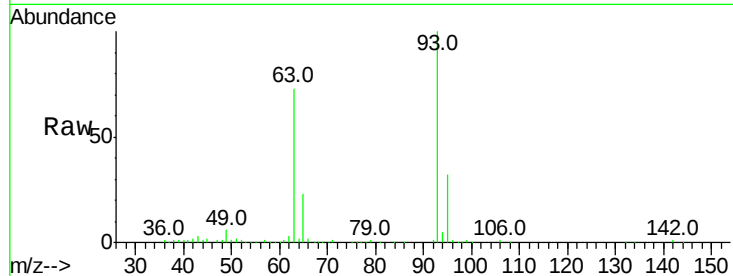




#11
bis(2-Chloroethyl)ether
Concen: 46.09 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

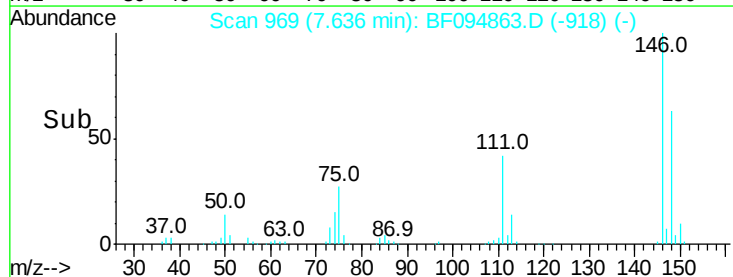
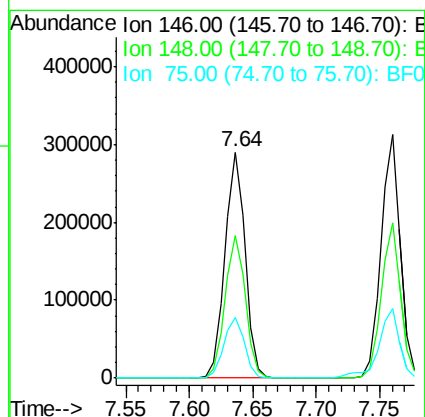
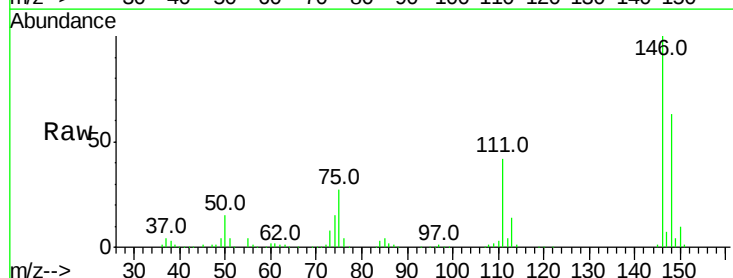
Instrument :
BNA_F
ClientSampleId :

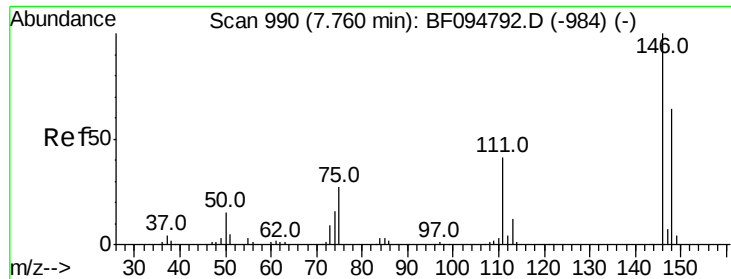
Tot Ion: 93 Resp: 281943
Ion Ratio Lower Upper
93 100
63 72.8 59.2 99.2
95 31.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.42 ng
RT: 7.64 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 146 Resp: 321022
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
75 26.9 23.1 34.7

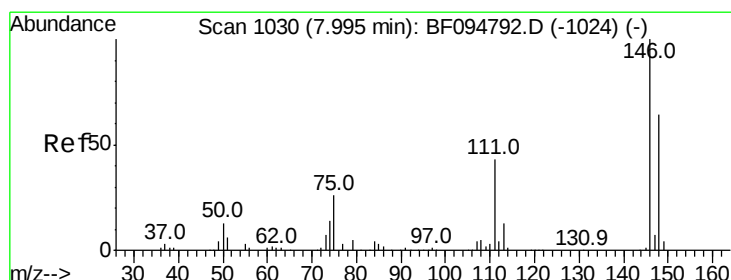
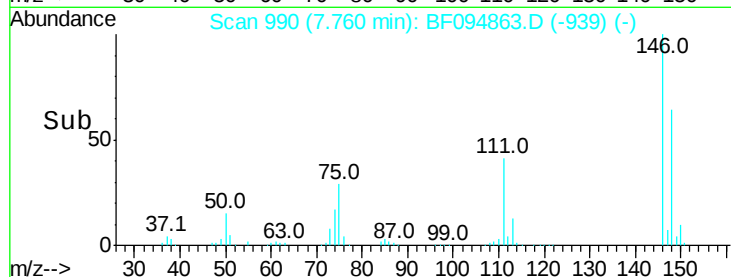
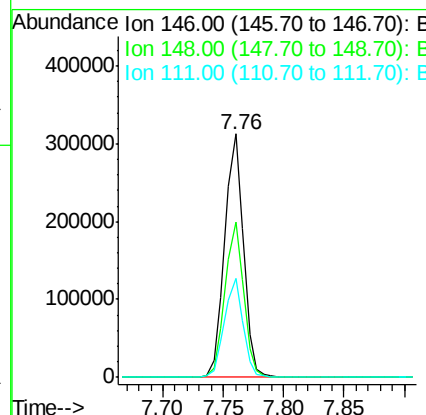
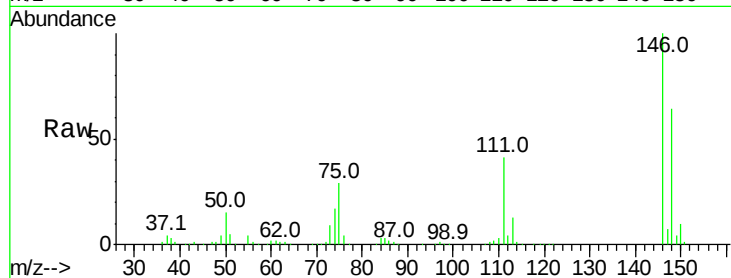




#13
 1,4-Dichlorobenzene
 Concen: 43.71 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

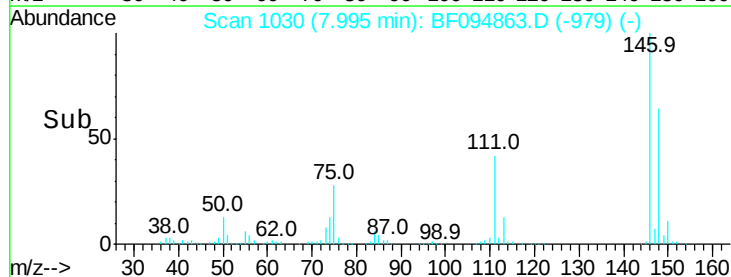
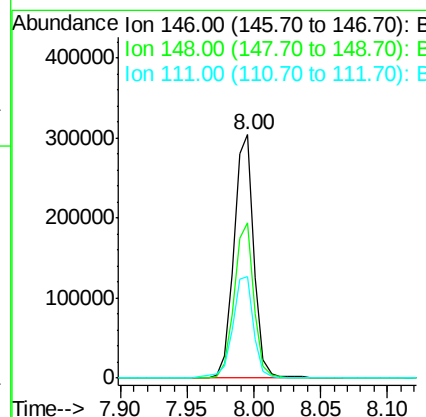
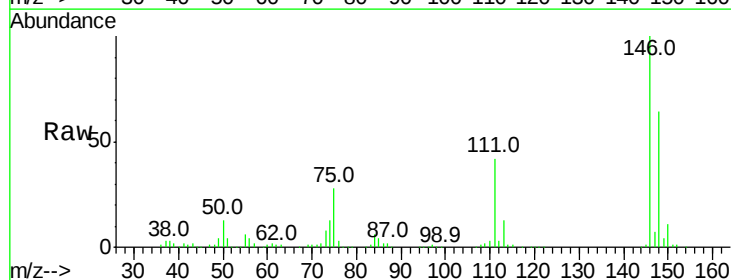
Instrument :
 BNA_F
 ClientSampleId :

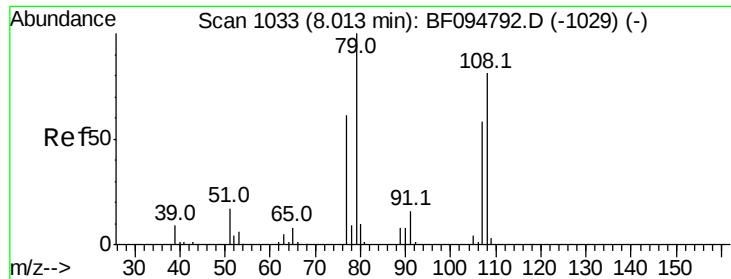
Tot Ion:146 Resp: 335388
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.80 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:146 Resp: 320878
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 41.5 38.2 57.4

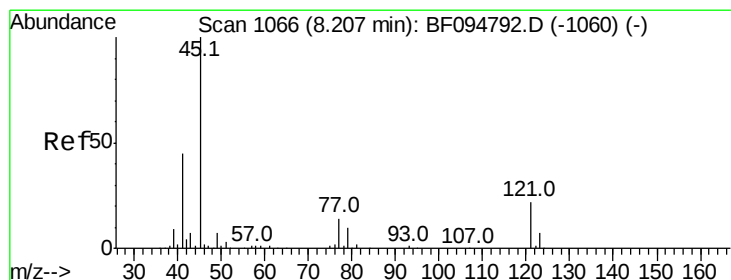
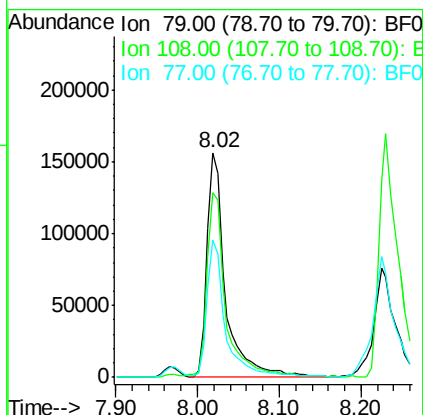
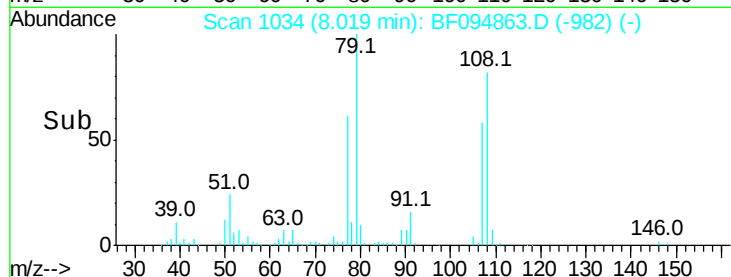
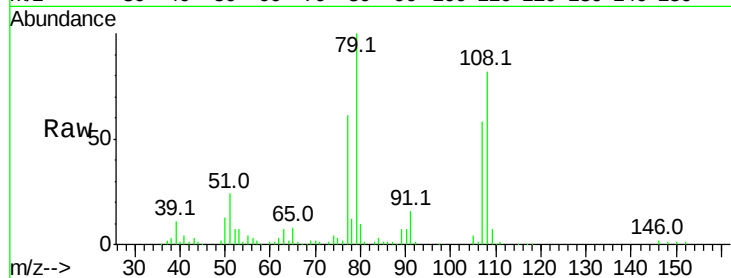




#15
Benzyl Alcohol
Concen: 54.08 ng
RT: 8.02 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

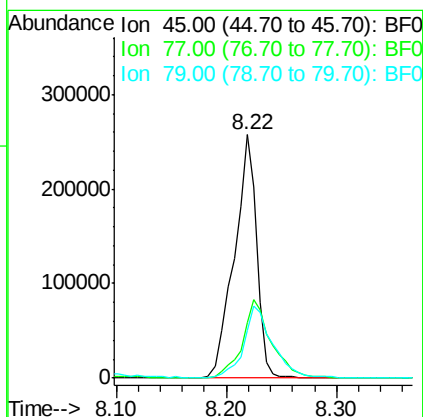
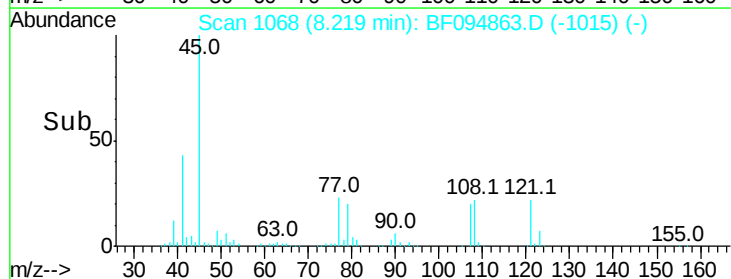
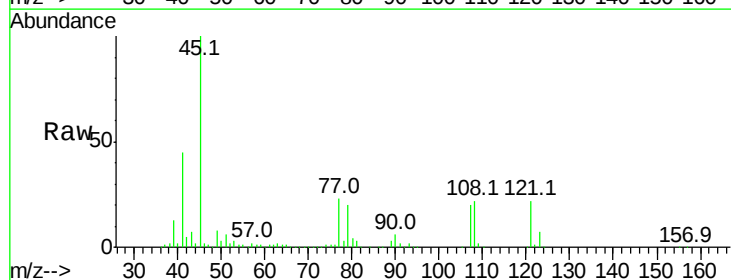
Instrument :
BNA_F
ClientSampleId :

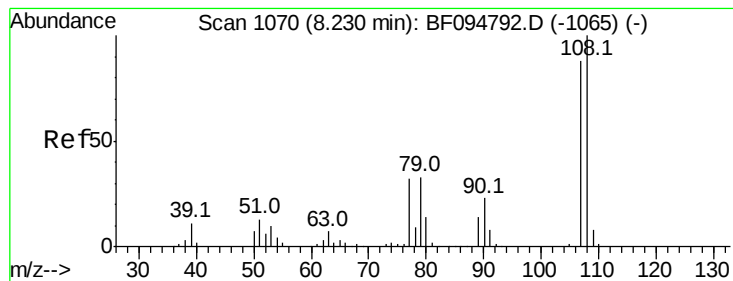
Tot Ion: 79 Resp: 244597
Ion Ratio Lower Upper
79 100
108 81.9 63.4 95.0
77 61.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.51 ng
RT: 8.22 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 45 Resp: 368105
Ion Ratio Lower Upper
45 100
77 22.8 0.0 33.2
79 19.9 0.0 30.0

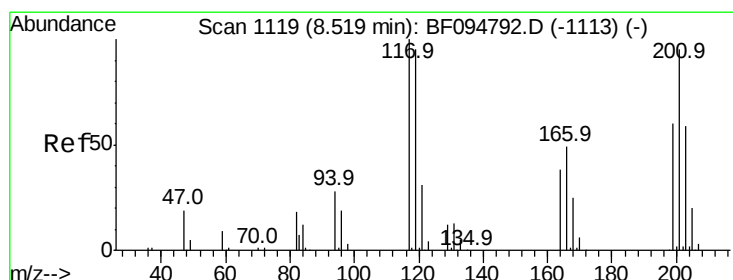
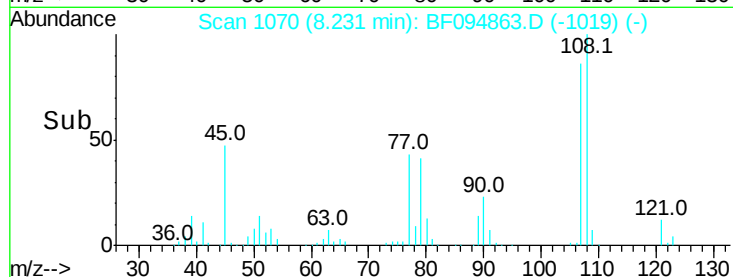
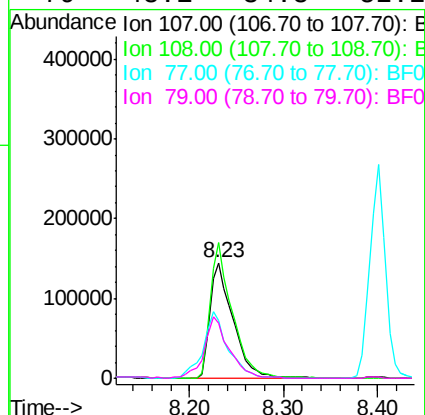
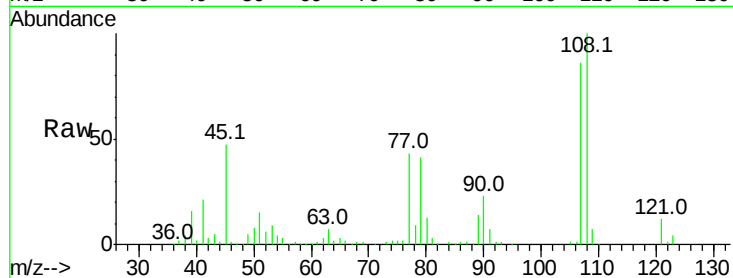




#17
 2-Methylphenol
 Concen: 45.11 ng
 RT: 8.23 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

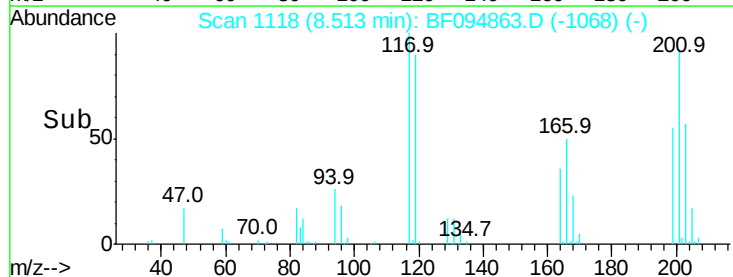
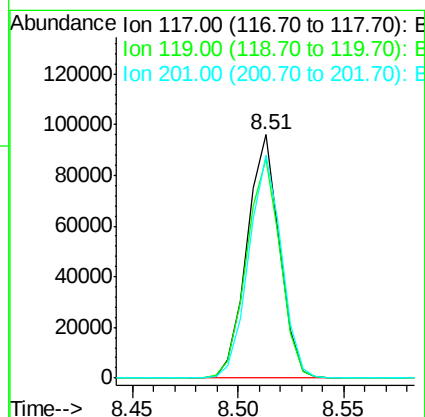
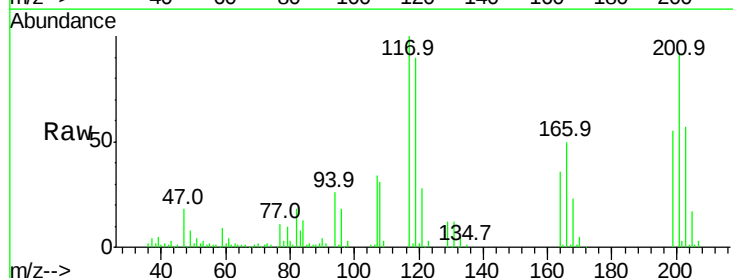
Instrument :
 BNA_F
 ClientSampled :

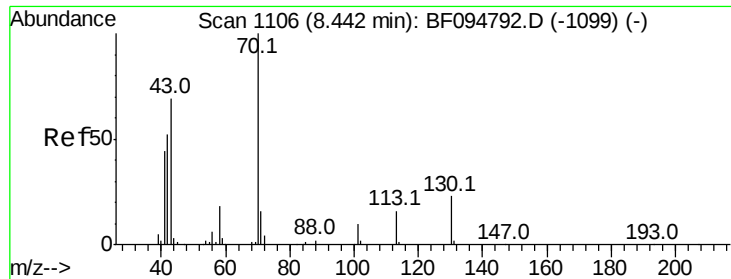
Tot Ion:	107	Resp:	246276
Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	49.9	35.8	53.6
79	48.1	34.8	52.2



#18
 Hexachloroethane
 Concen: 39.36 ng
 RT: 8.51 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:	117	Resp:	102318
Ion	Ratio	Lower	Upper
117	100		
119	90.0	77.4	116.0
201	91.7	94.6	141.8#

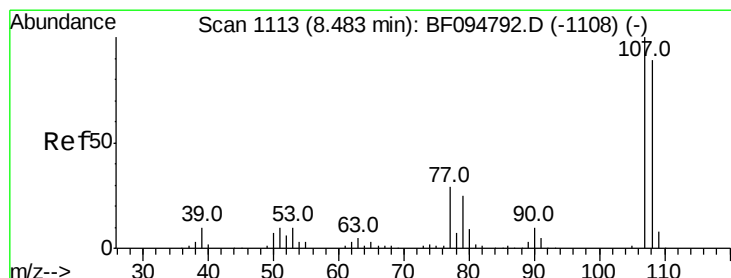
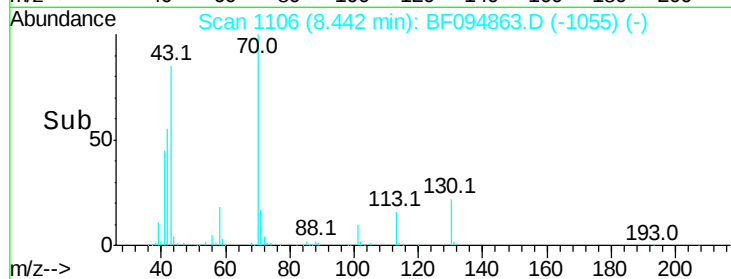
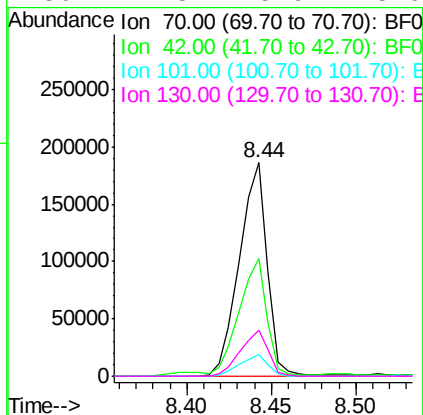
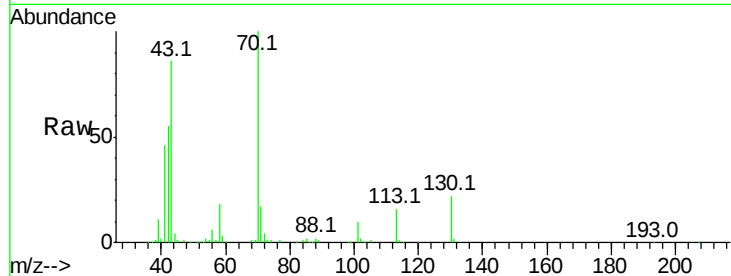




#19
n-Nitroso-di-n-propylamine
Concen: 45.27 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

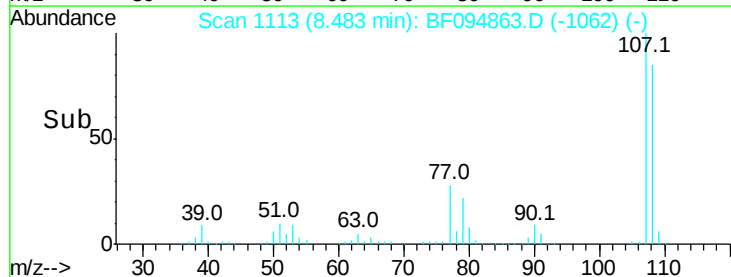
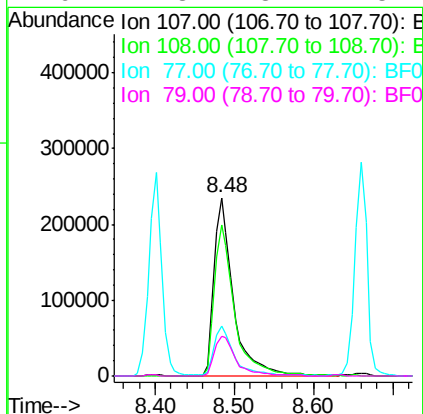
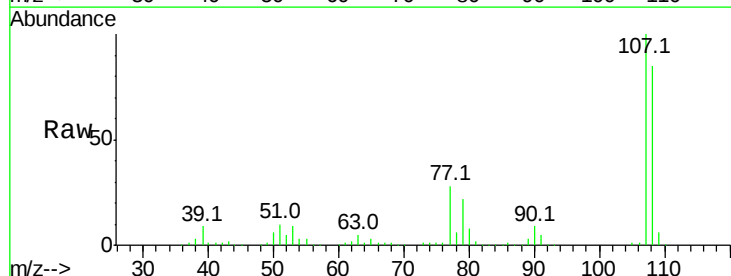
Instrument :
BNA_F
ClientSampleId :

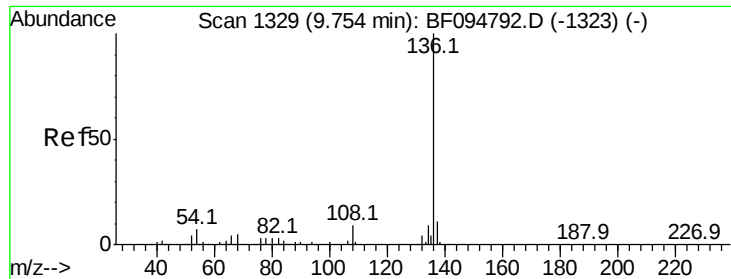
Tot Ion: 70 Resp: 215309
Ion Ratio Lower Upper
70 100
42 55.4 47.2 70.8
101 10.2 7.2 10.8
130 21.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 53.94 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:107 Resp: 400140
Ion Ratio Lower Upper
107 100
108 84.6 71.0 111.0
77 28.0 90.5 130.5#
79 22.3 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: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 357515

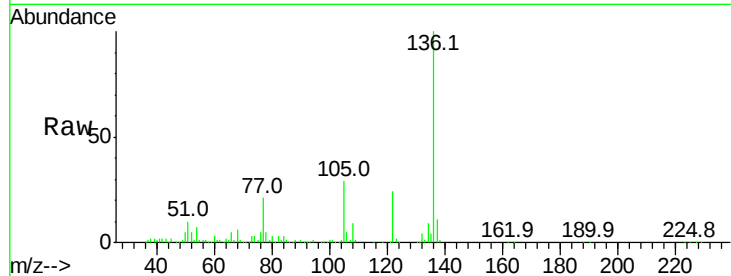
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

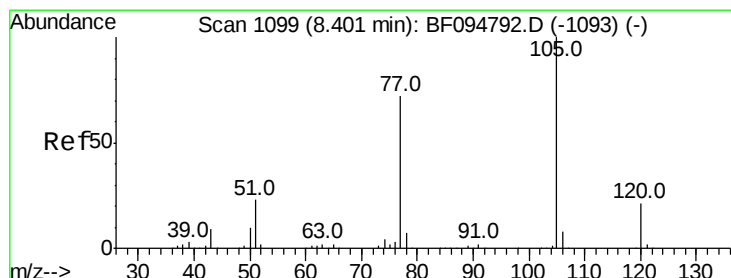
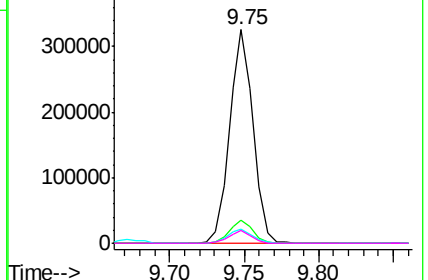
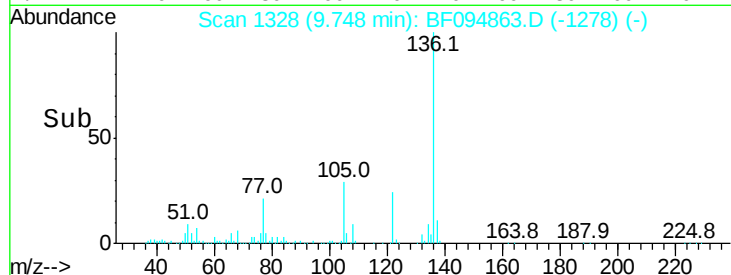


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.46 ng

RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Tgt Ion:105 Resp: 432826

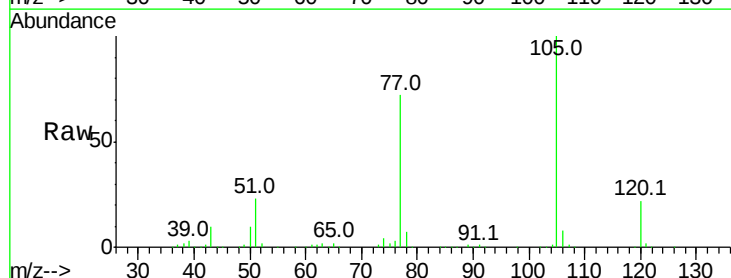
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.3 30.7 46.1#

120 21.8 17.4 26.0

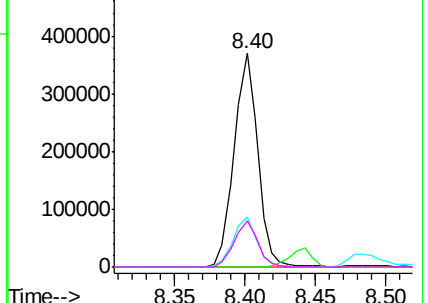
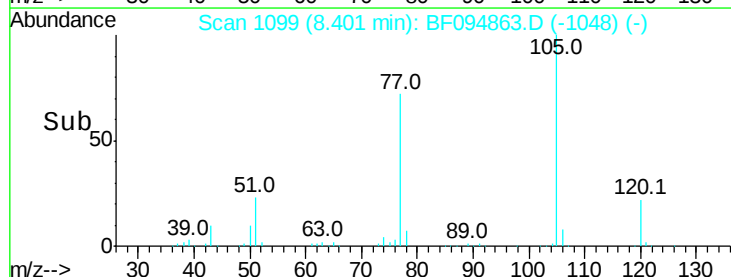


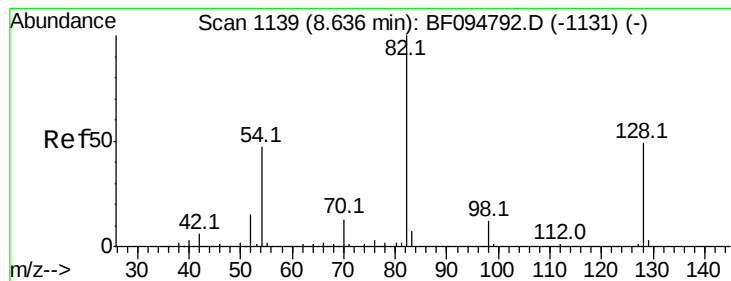
Abundance Ion 105.00 (104.70 to 105.70): E

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: 102.60 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

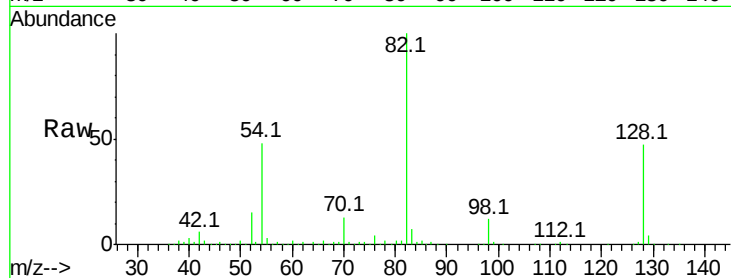
Tot Ion: 82 Resp: 581690

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

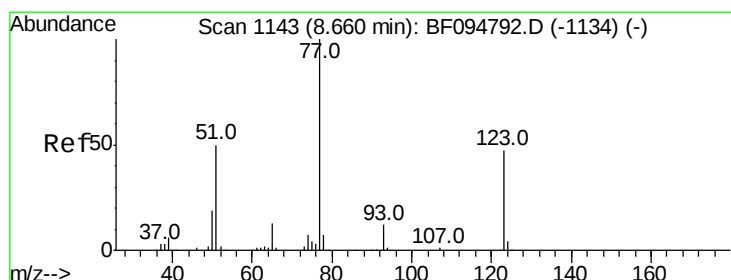
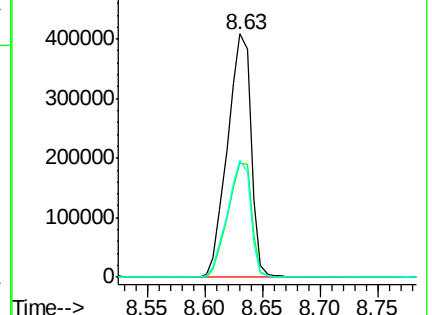
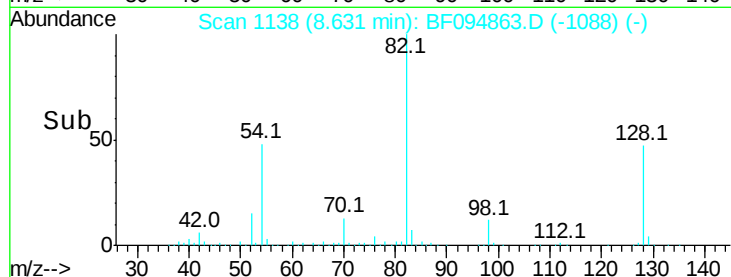
54 47.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 50.03 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

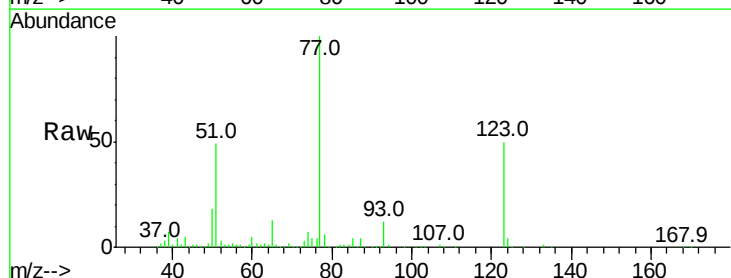
Tgt Ion: 77 Resp: 297315

Ion Ratio Lower Upper

77 100

123 50.0 35.8 53.8

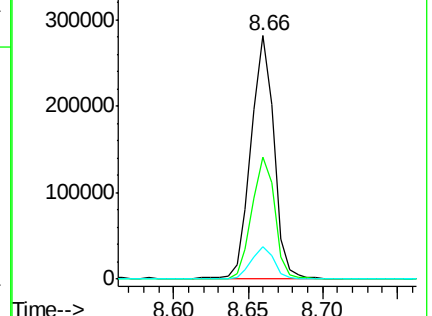
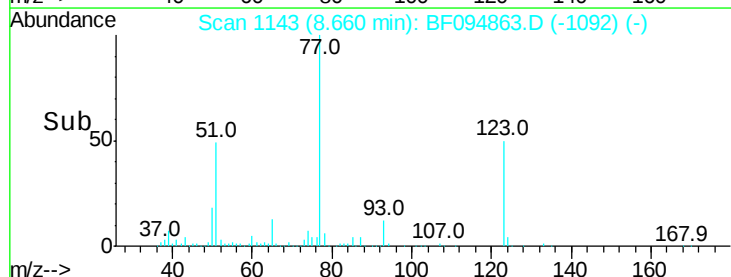
65 13.2 10.6 15.8

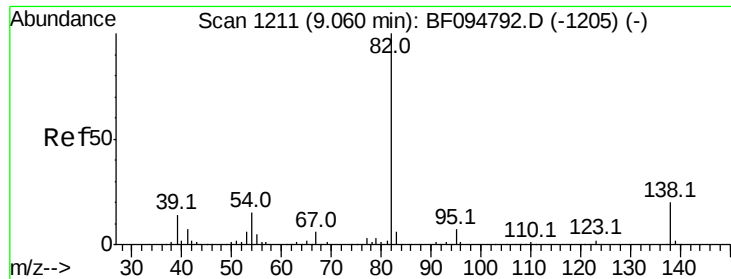


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

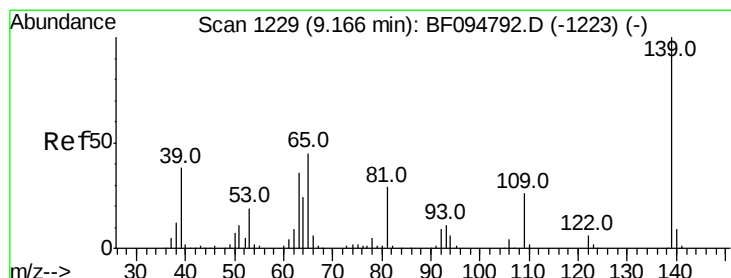
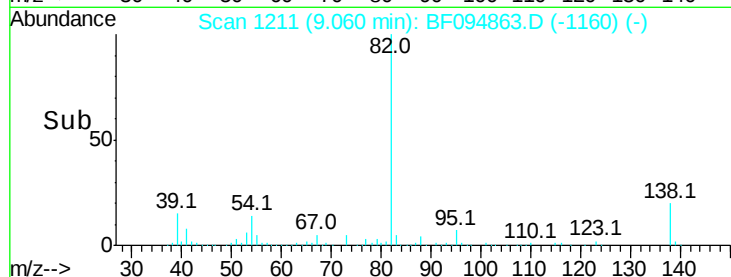
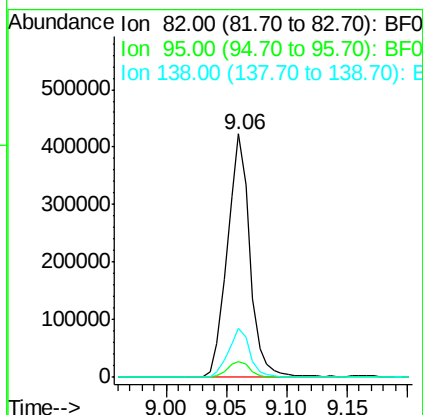
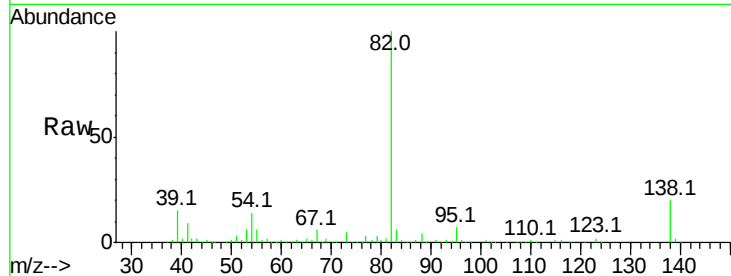




#25
Isophorone
Concen: 54.16 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

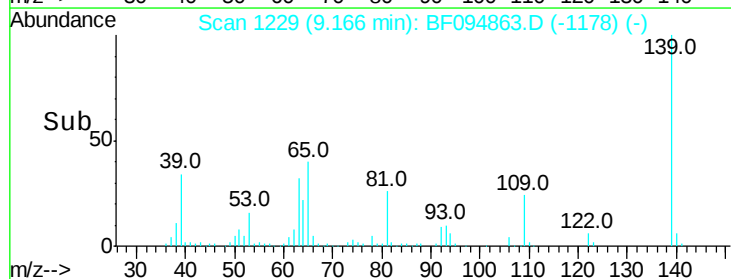
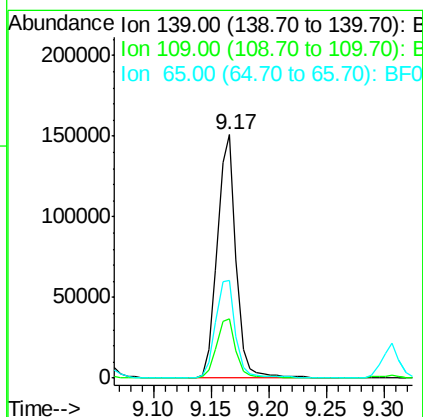
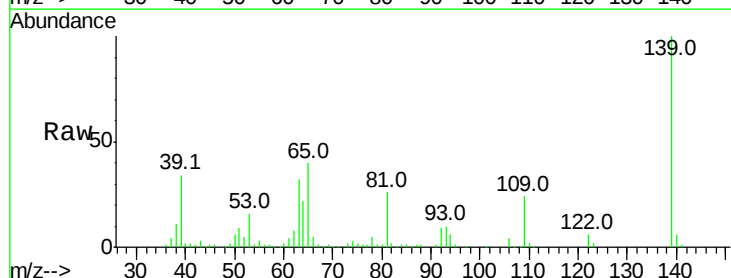
Instrument :
BNA_F
ClientSampleId :

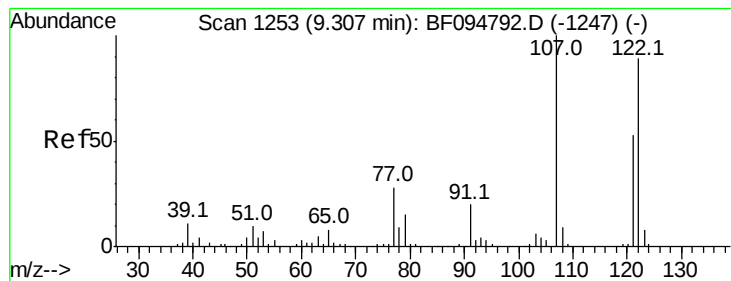
Tot Ion: 82 Resp: 548250
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 20.1 13.1 19.7#



#26
2-Nitrophenol
Concen: 53.10 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:139 Resp: 170273
Ion Ratio Lower Upper
139 100
109 24.1 21.0 31.6
65 40.2 33.0 49.6

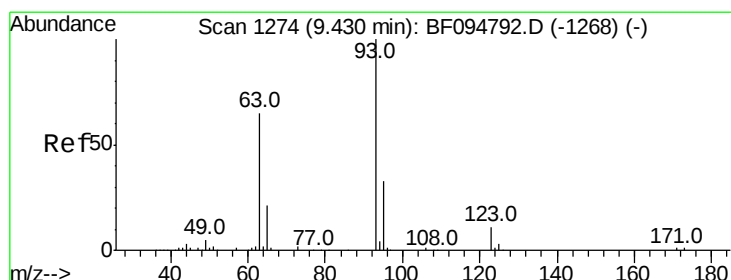
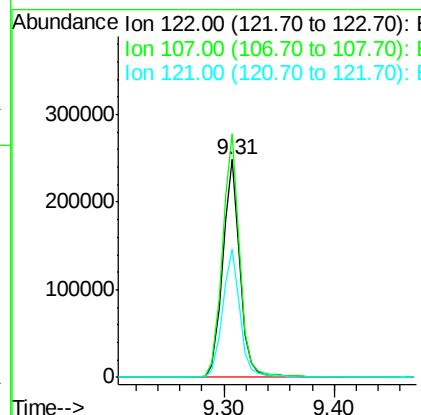
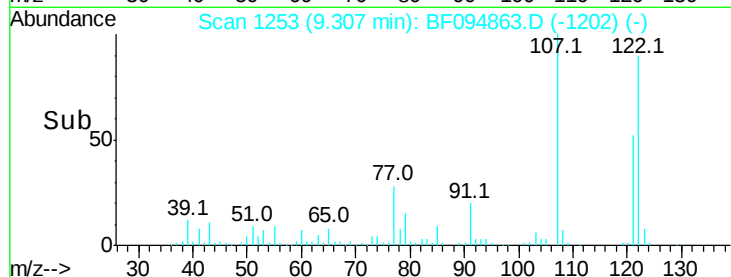
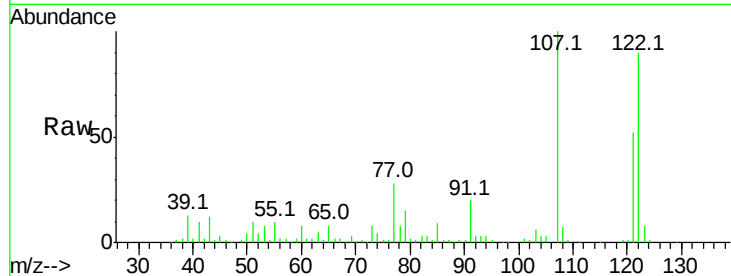




#27
 2,4-Dimethylphenol
 Concen: 51.97 ng
 RT: 9.31 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

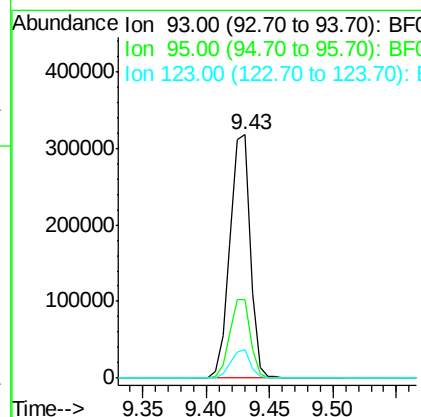
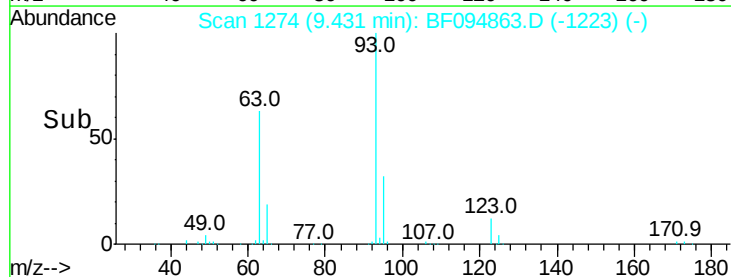
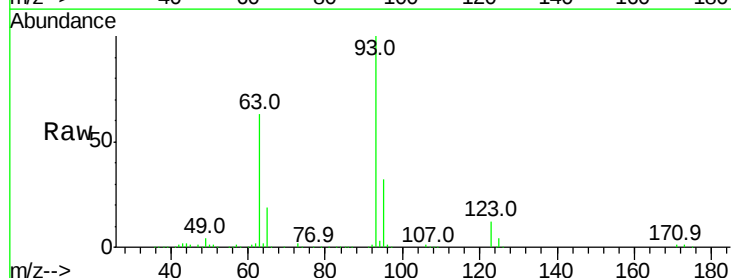
Instrument :
 BNA_F
 ClientSampleId :

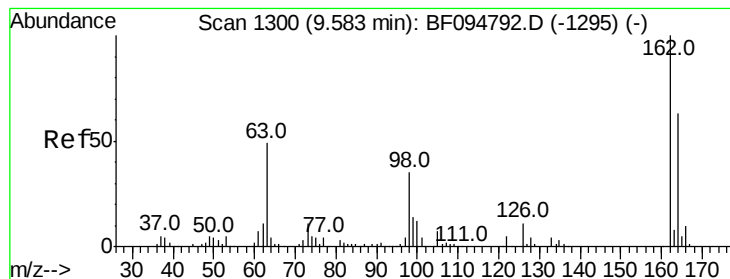
Tot Ion:122 Resp: 269464
 Ion Ratio Lower Upper
 122 100
 107 111.7 89.2 133.8
 121 58.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.64 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion: 93 Resp: 354676
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 11.6 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 54.06 ng

RT: 9.58 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampled :

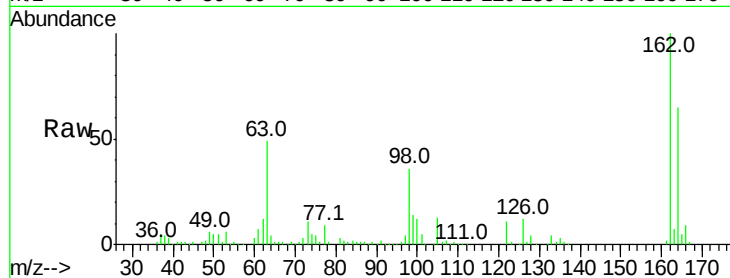
Tot Ion:162 Resp: 264634

Ion Ratio Lower Upper

162 100

164 65.0 44.6 84.6

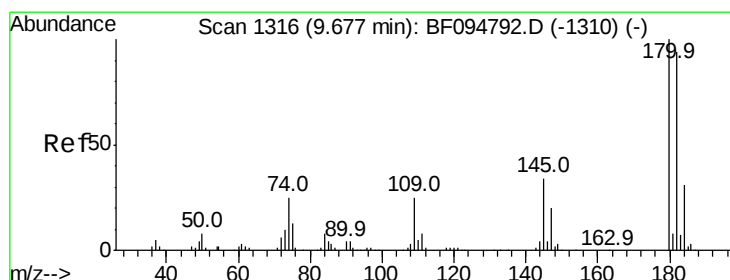
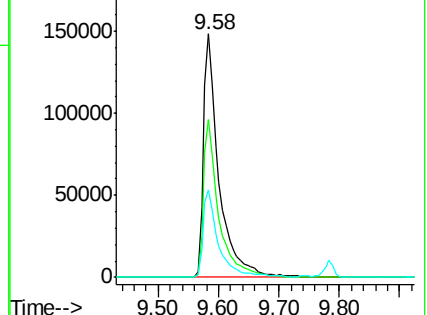
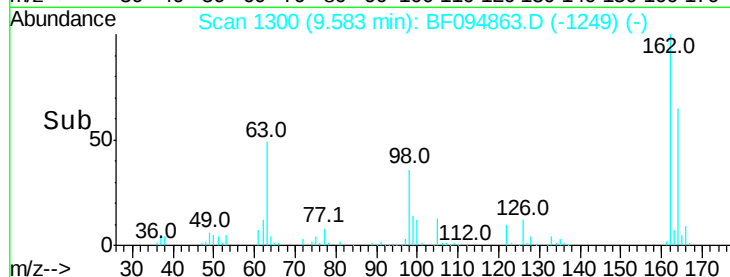
98 36.0 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 47.95 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

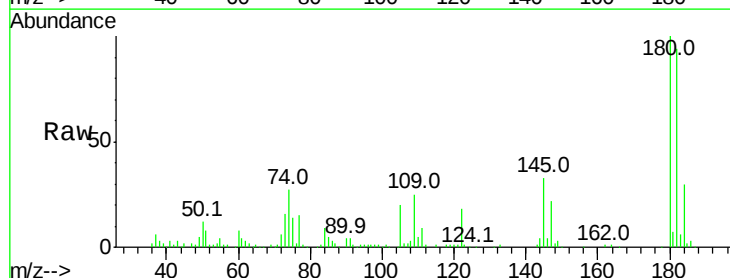
Tgt Ion:180 Resp: 251470

Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.6

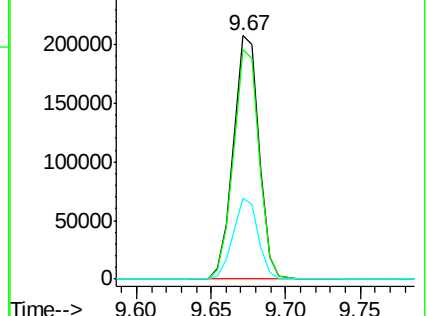
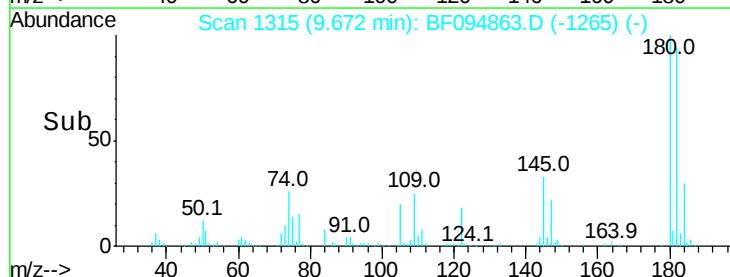
145 33.1 25.3 37.9

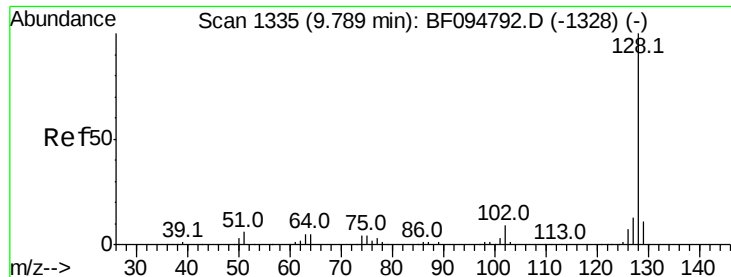


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

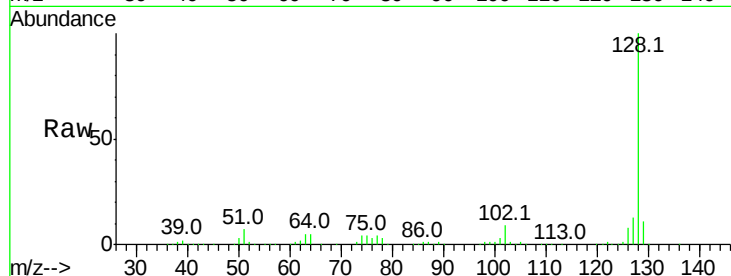




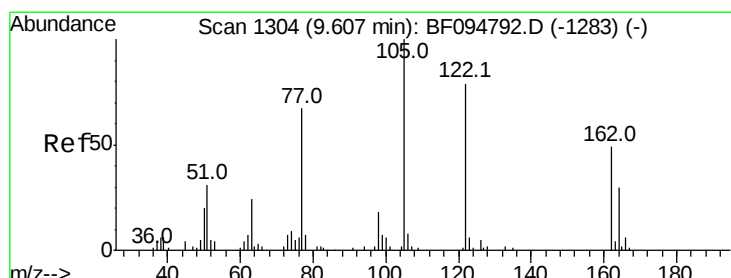
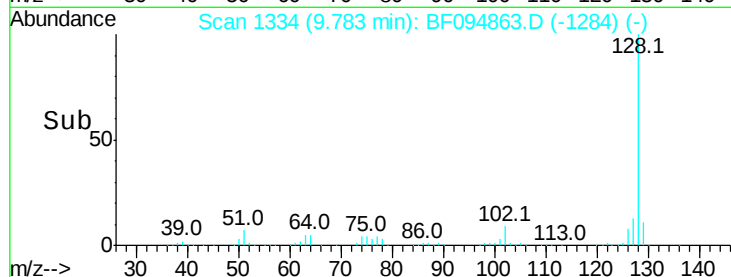
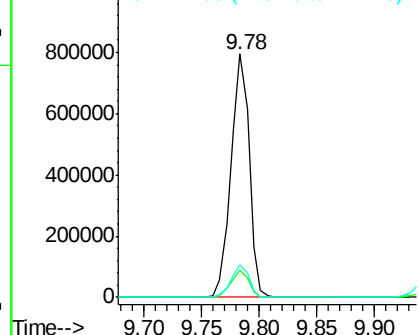
#31
Naphthalene
Concen: 48.42 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 870097
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2

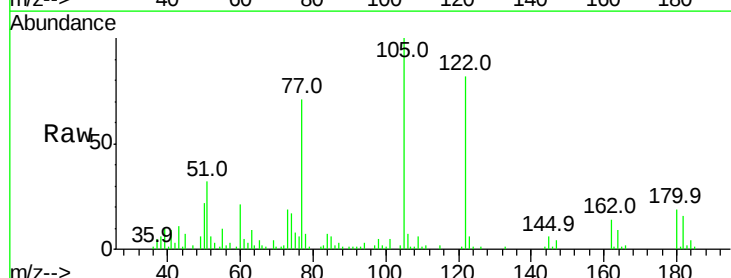


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

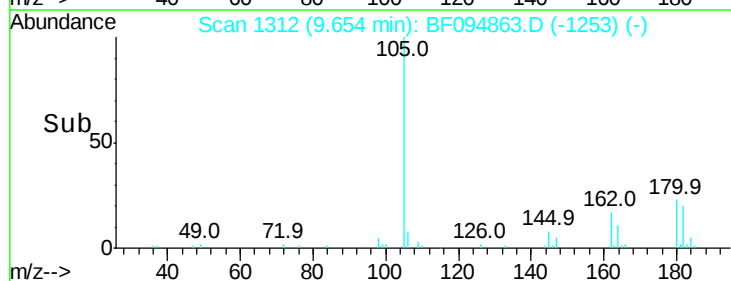
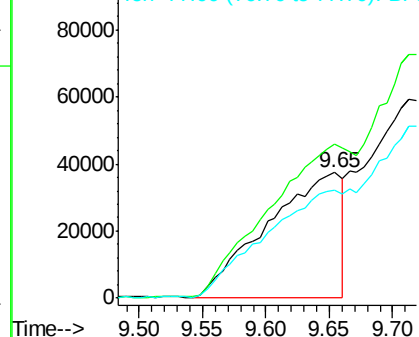


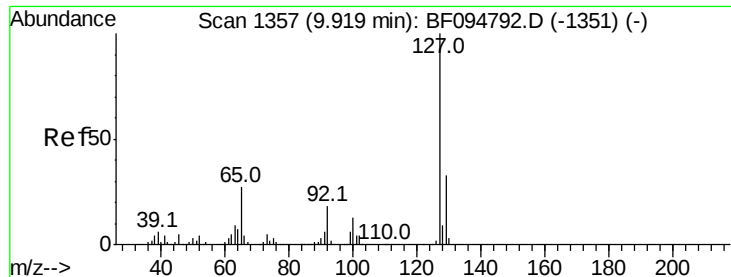
#32
Benzoic acid
Concen: 45.54 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.05 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:122 Resp: 154031
Ion Ratio Lower Upper
122 100
105 122.3 103.3 143.3
77 86.3 73.7 113.7



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

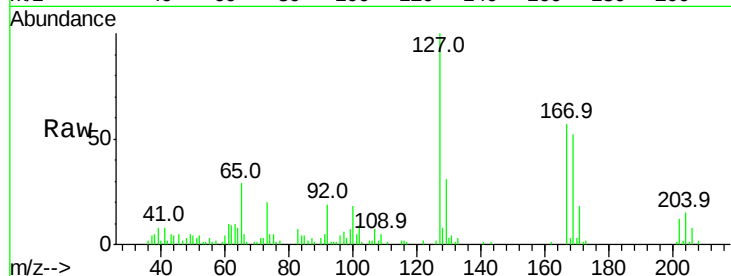




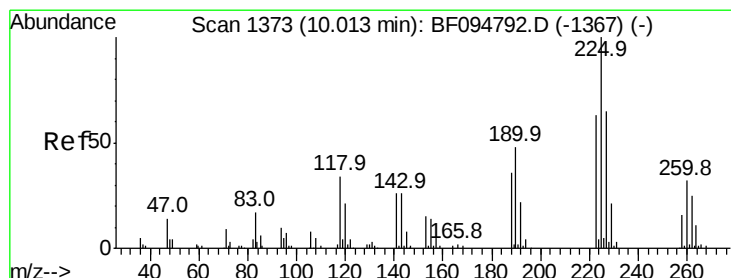
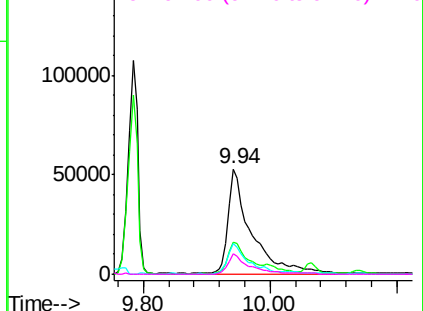
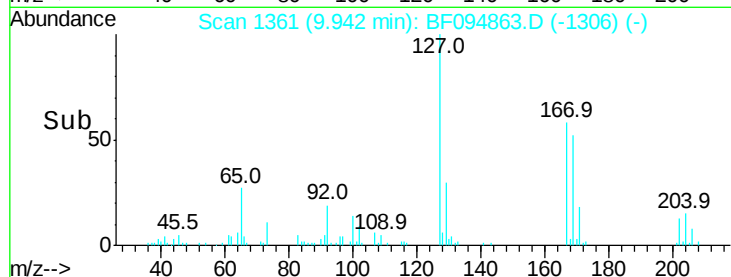
#33
4-Chloroaniline
Concen: 19.53 ng
RT: 9.94 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	130794
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	29.3	27.8	41.8
92	18.9	16.8	25.2

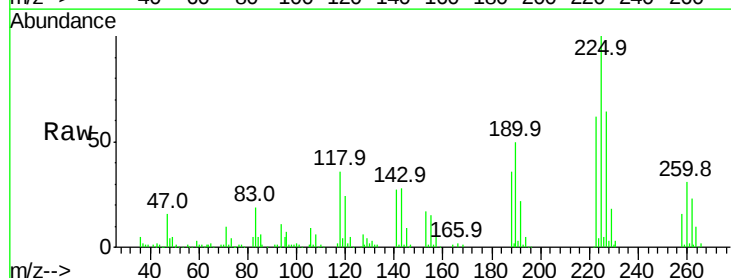


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

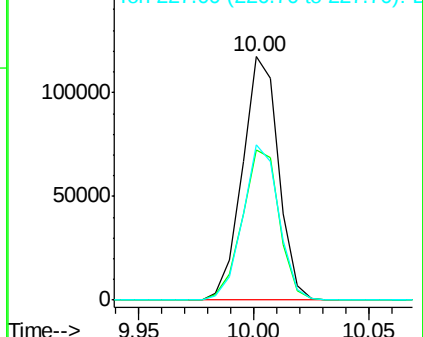
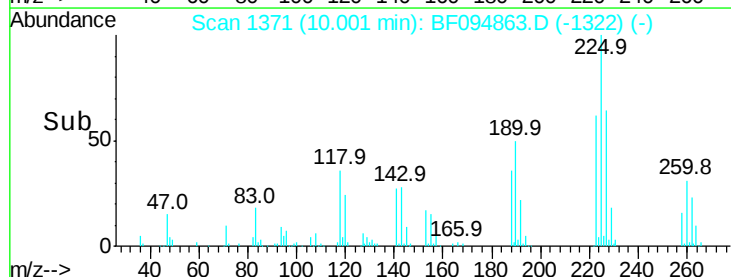


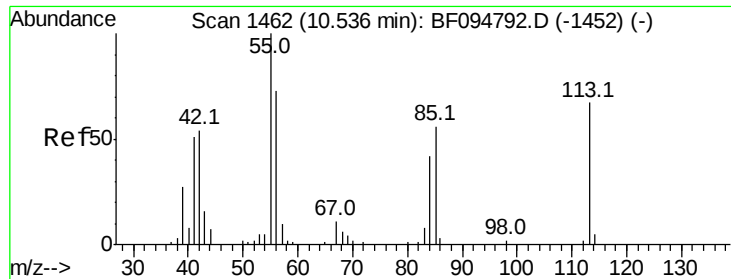
#34
Hexachlorobutadiene
Concen: 46.37 ng
RT: 10.00 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:	225	Resp:	128306
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	63.8	51.1	76.7



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





#35

Caprolactam

Concen: 41.29 ng

RT: 10.67 min Scan# 1484

Delta R.T. 0.13 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

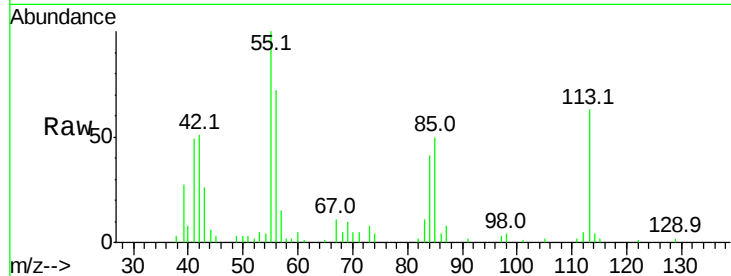
Tot Ion:113 Resp: 60693

Ion Ratio Lower Upper

113 100

55 159.5 150.2 190.2

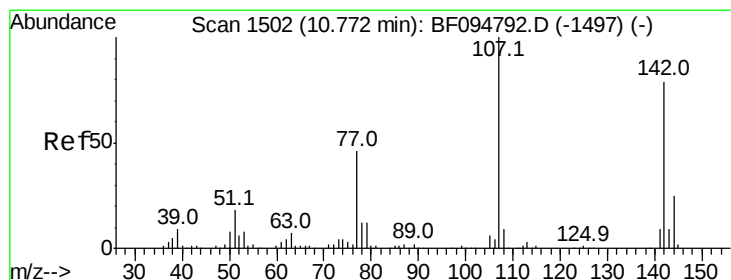
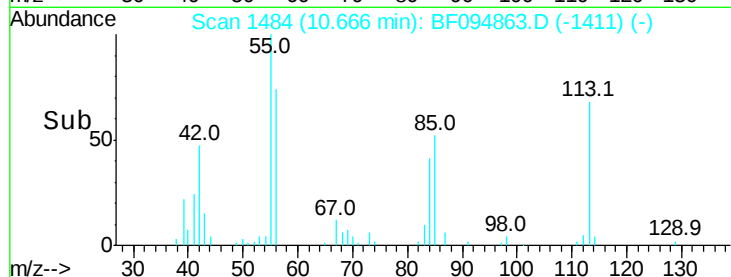
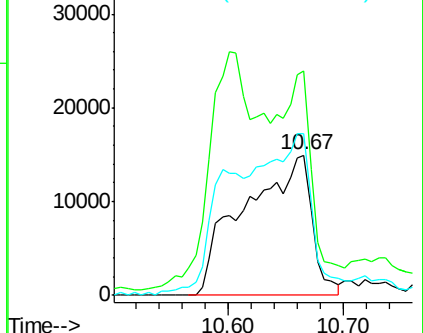
56 115.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.35 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

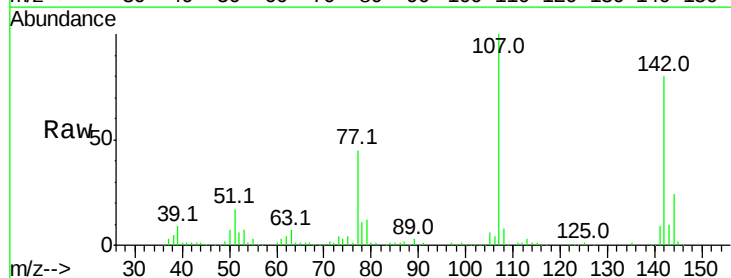
Tgt Ion:107 Resp: 258279

Ion Ratio Lower Upper

107 100

144 23.9 24.2 36.4#

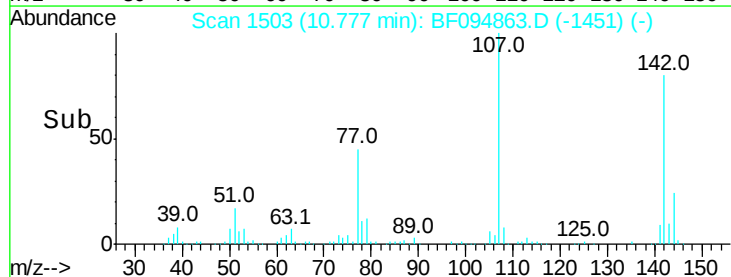
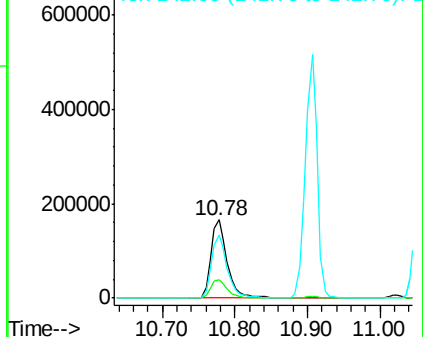
142 80.5 73.4 110.0

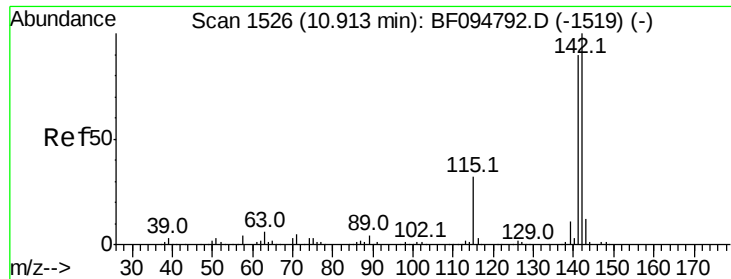


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

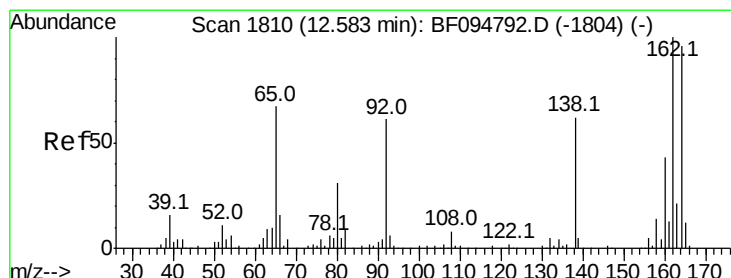
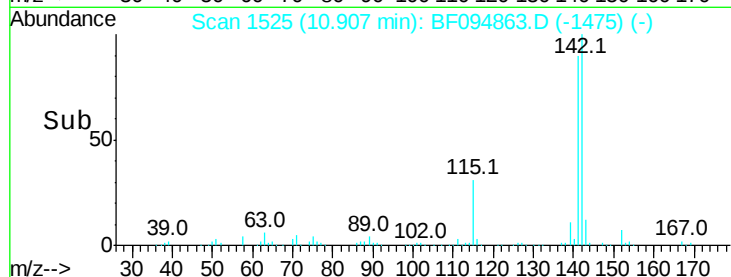
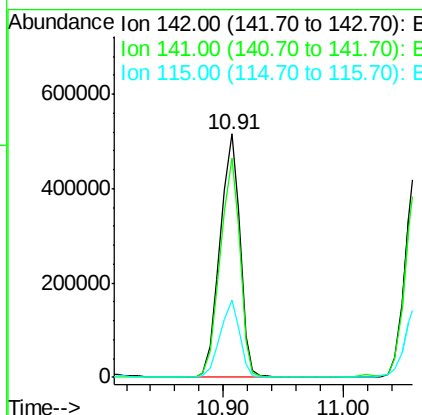
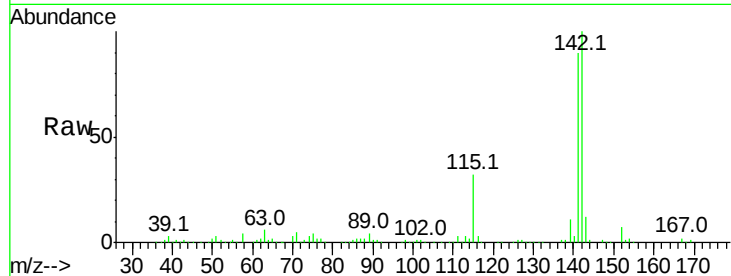




#37
2-Methylnaphthalene
Concen: 49.86 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

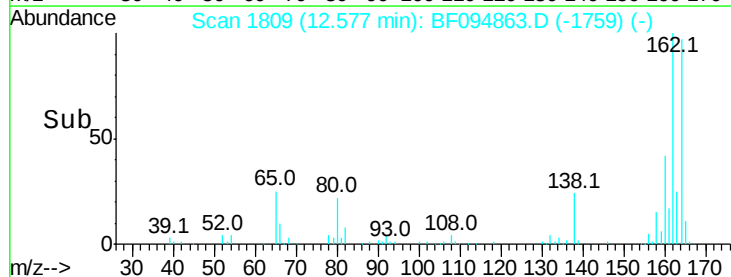
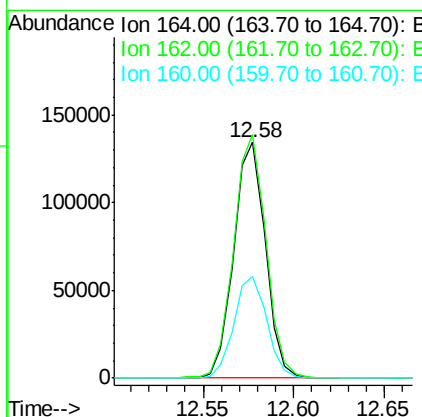
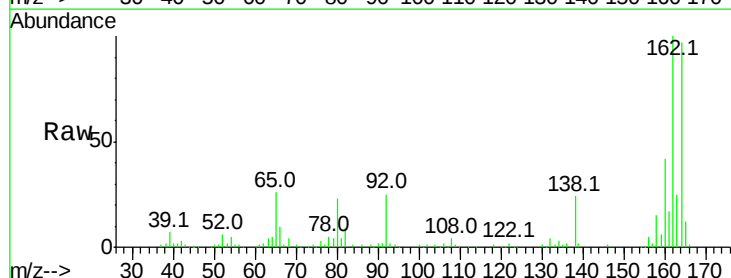
Instrument :
BNA_F
ClientSampleId :

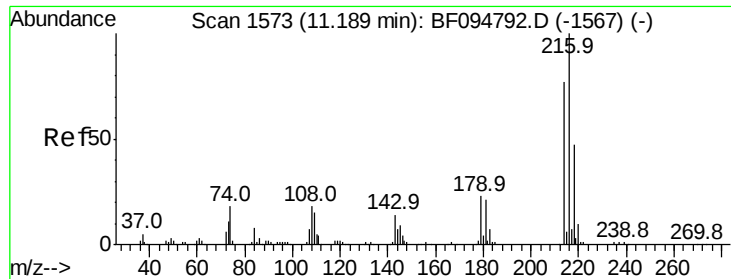
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	31.5	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	43.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.28 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 236448

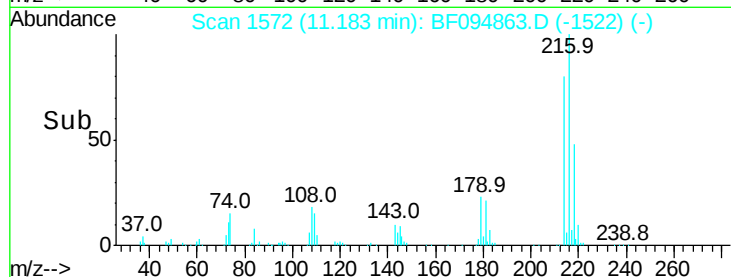
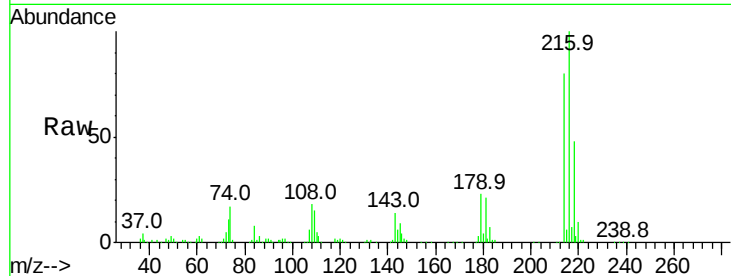
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.1 17.9 26.9

108 18.9 16.5 24.7

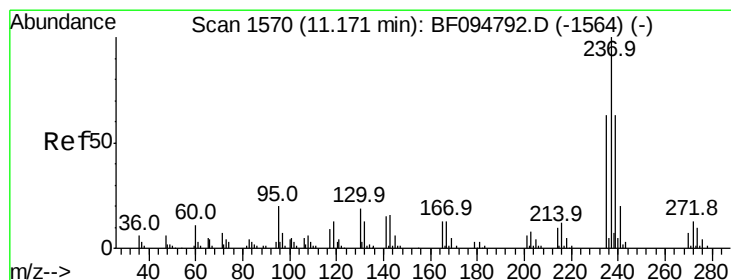
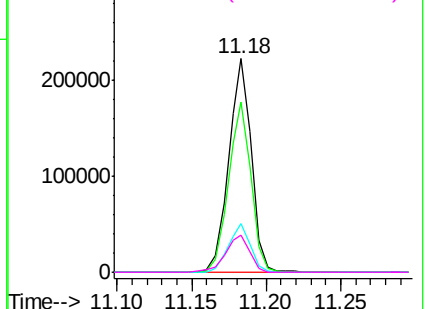


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.87 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

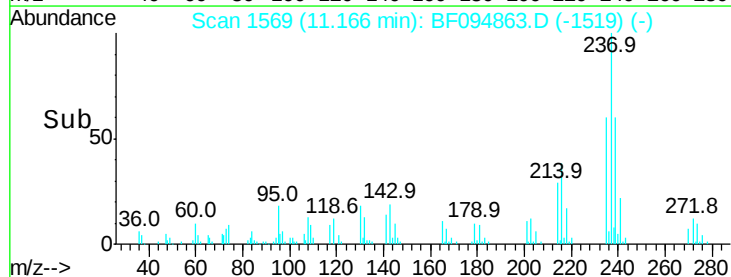
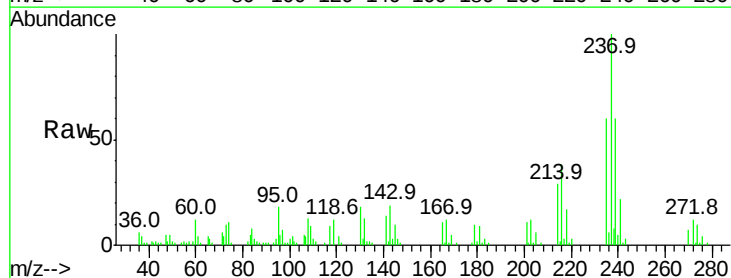
Tgt Ion:237 Resp: 54174

Ion Ratio Lower Upper

237 100

235 60.4 42.6 82.6

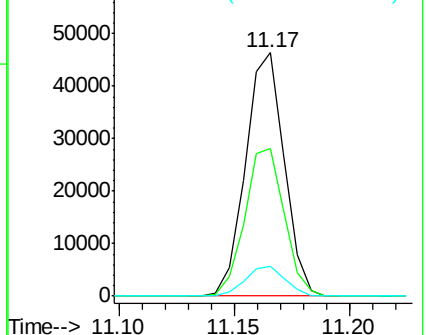
272 12.3 0.0 31.9

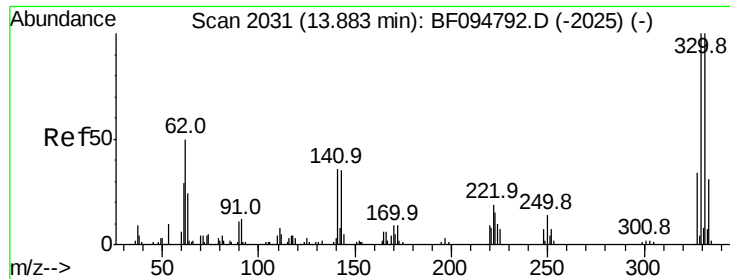


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

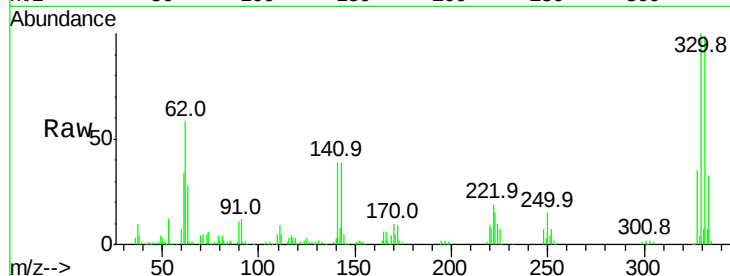




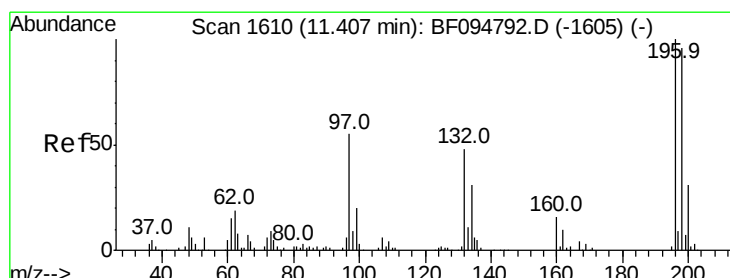
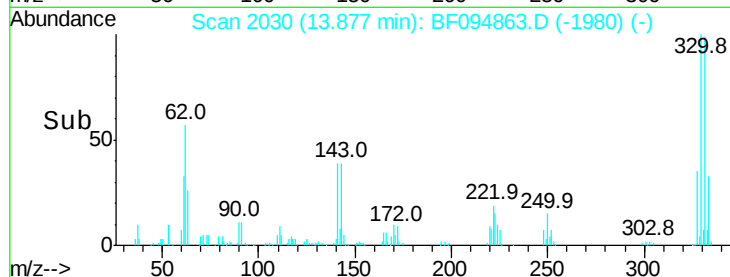
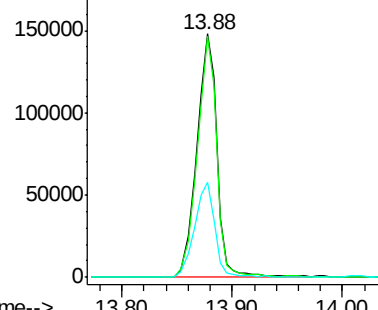
#41
 2,4,6-Tribromophenol
 Concen: 142.52 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.3	31.4	47.2

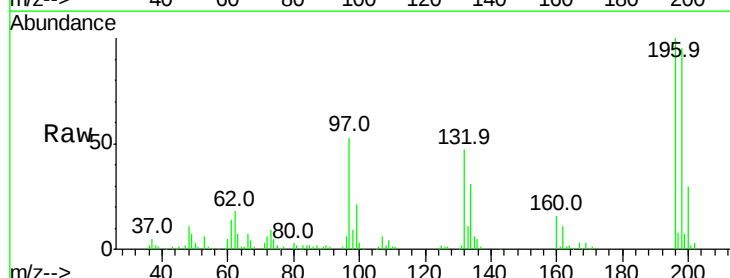


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

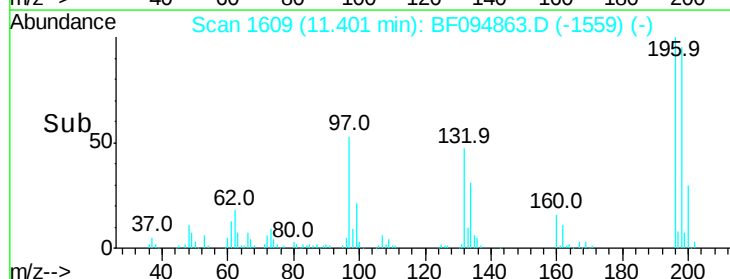
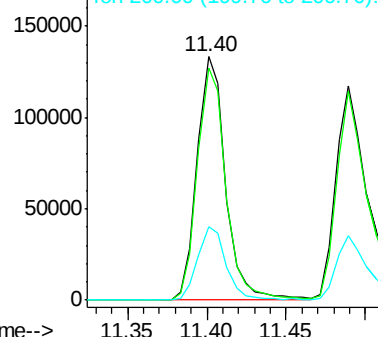


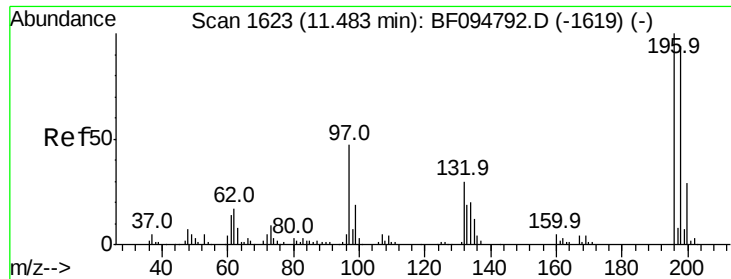
#42
 2,4,6-Trichlorophenol
 Concen: 49.82 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.2	111.4
200	30.1	24.0	36.0



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

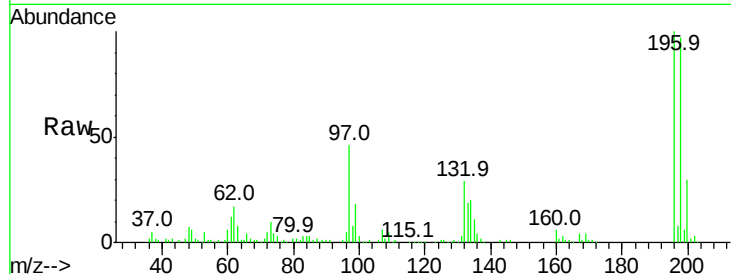




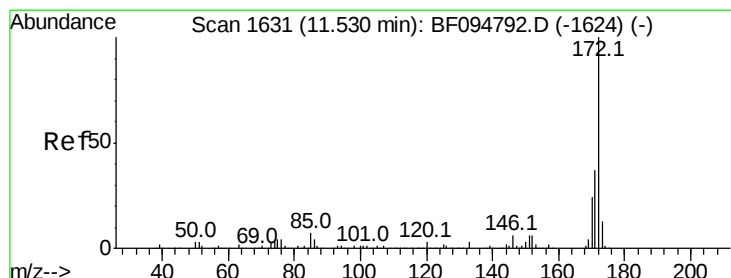
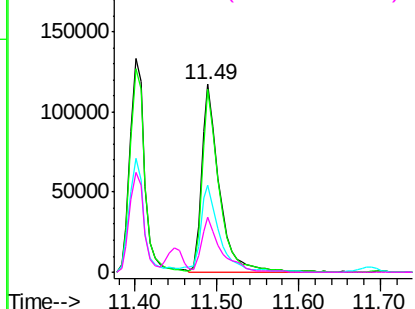
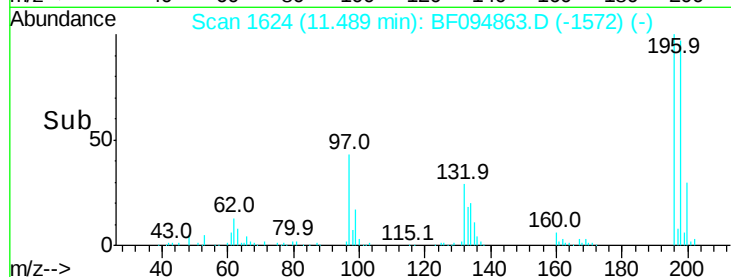
#43
 2,4,5-Trichlorophenol
 Concen: 49.39 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 177254
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 97 46.2 47.7 71.5#
 132 29.1 28.0 42.0

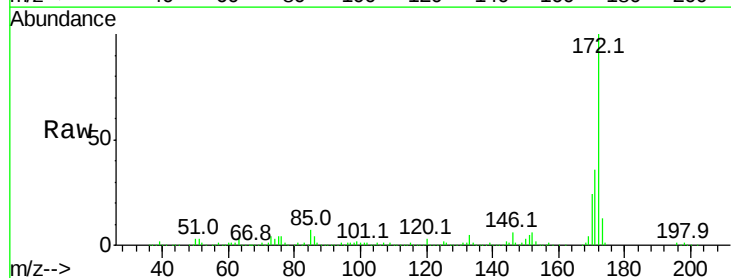


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

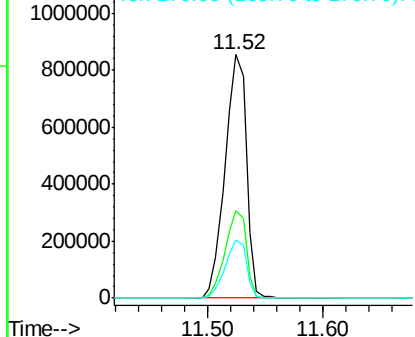
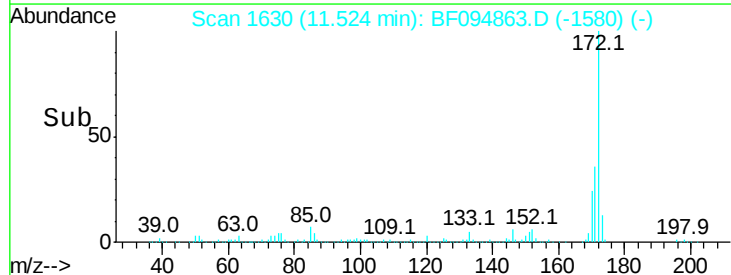


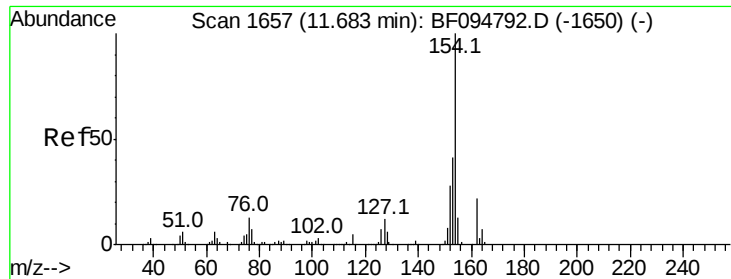
#44
 2-Fluorobiphenyl
 Concen: 97.18 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:172 Resp: 1097917
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.7 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: 48.93 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampled :

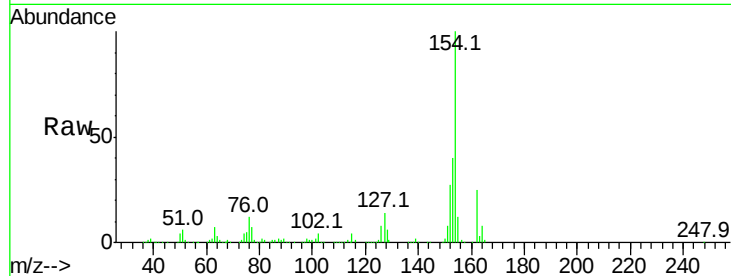
Tot Ion:154 Resp: 669956

Ion Ratio Lower Upper

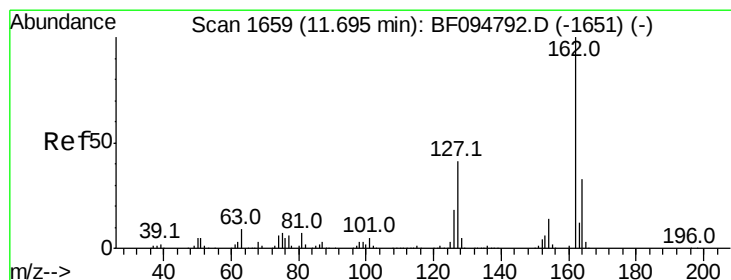
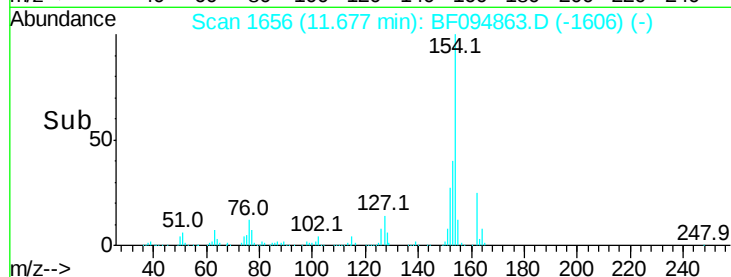
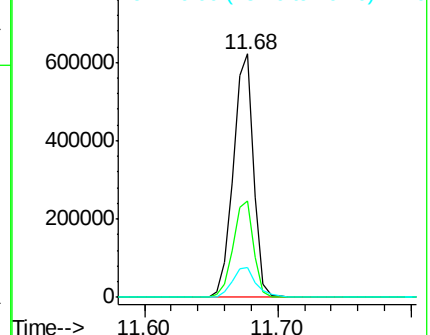
154 100

153 39.7 21.2 61.2

76 12.5 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: 47.08 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

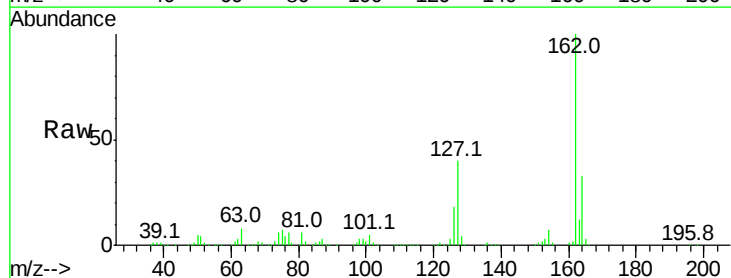
Tgt Ion:162 Resp: 520490

Ion Ratio Lower Upper

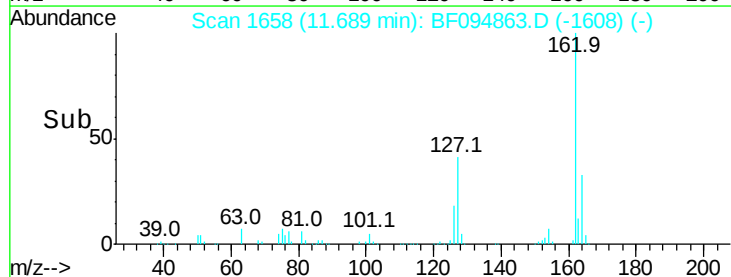
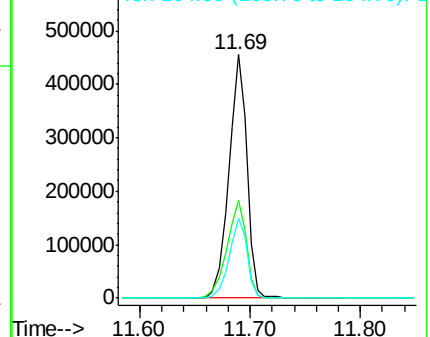
162 100

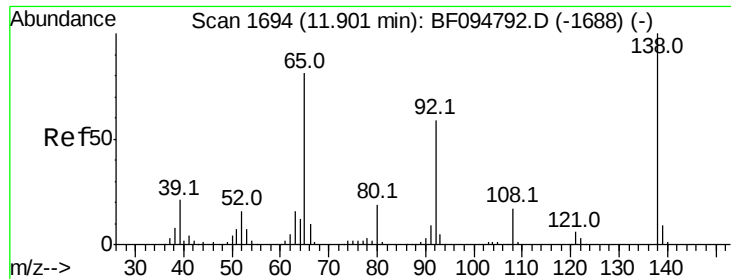
127 40.0 28.3 42.5

164 32.7 27.0 40.4



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

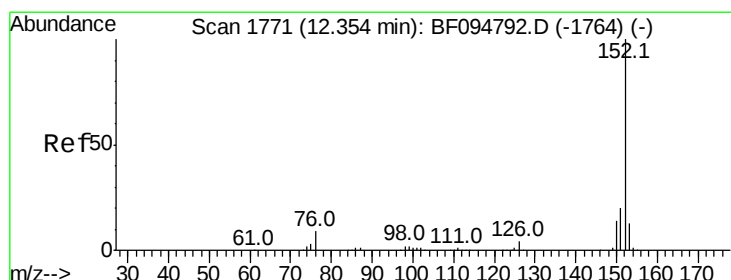
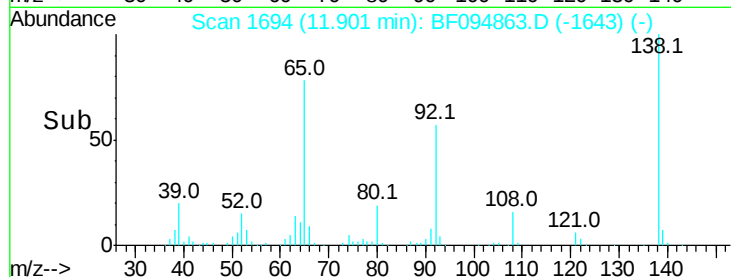
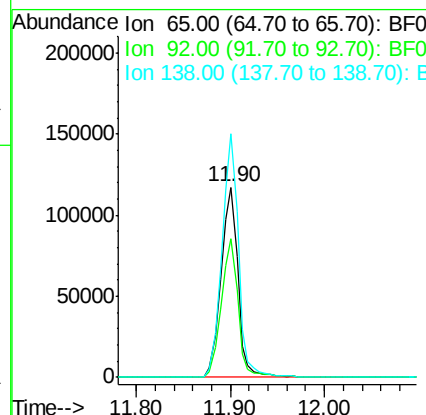
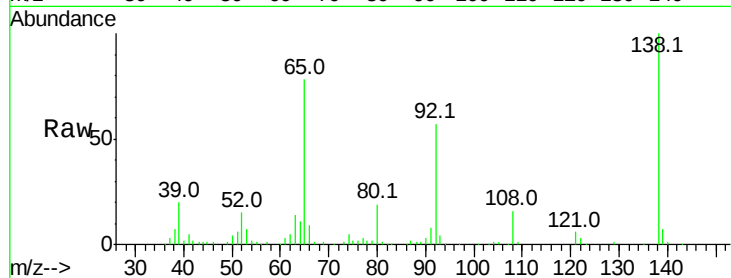




#47
 2-Nitroaniline
 Concen: 49.47 ng
 RT: 11.90 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

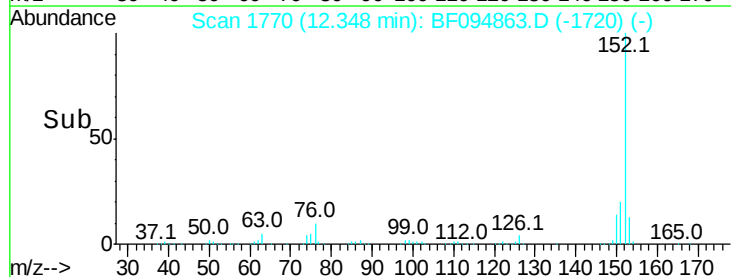
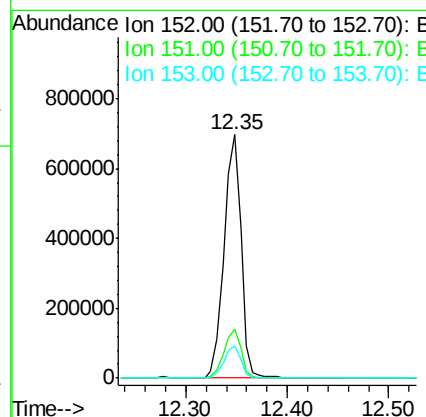
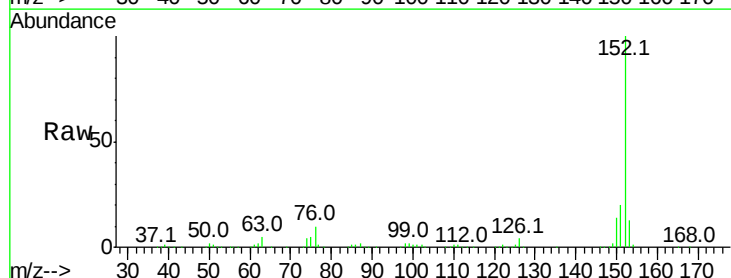
Instrument :
 BNA_F
 ClientSampled :

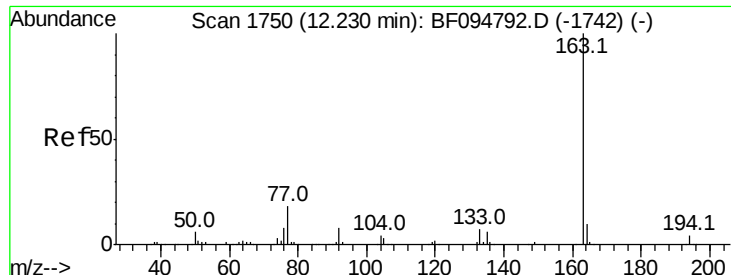
Tot Ion: 65 Resp: 149670
 Ion Ratio Lower Upper
 65 100
 92 73.1 53.9 80.9
 138 128.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 46.94 ng
 RT: 12.35 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion: 152 Resp: 812781
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 49.25 ng

RT: 12.22 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

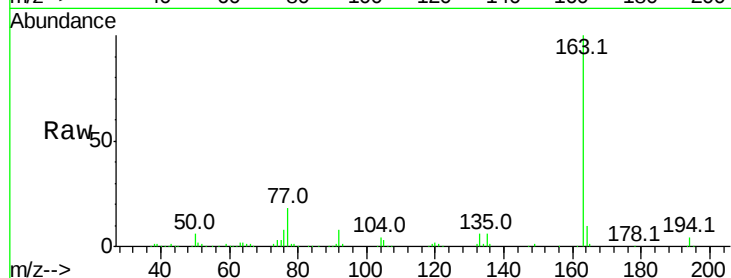
Tot Ion:163 Resp: 657456

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

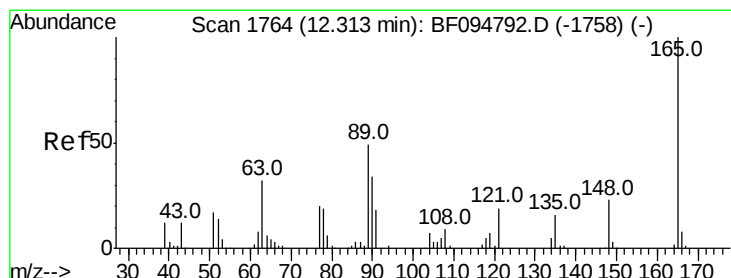
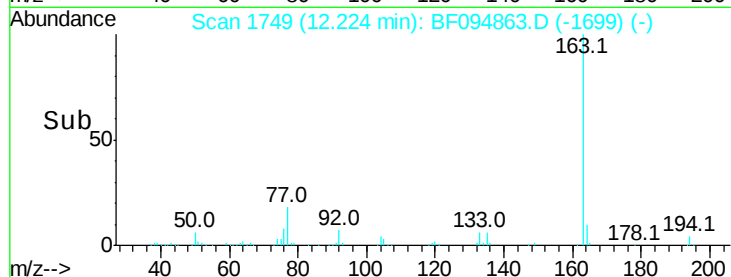
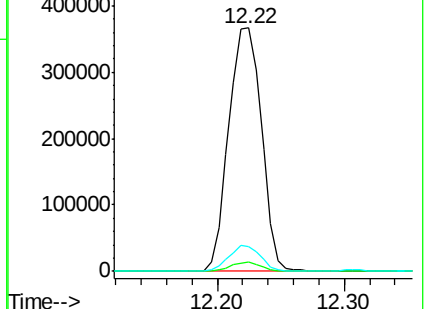
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.10 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

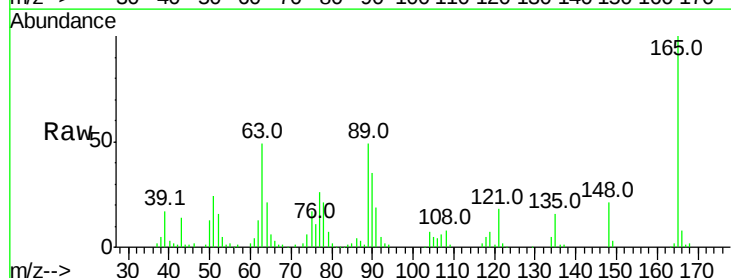
Tgt Ion:165 Resp: 133707

Ion Ratio Lower Upper

165 100

63 49.3 34.3 51.5

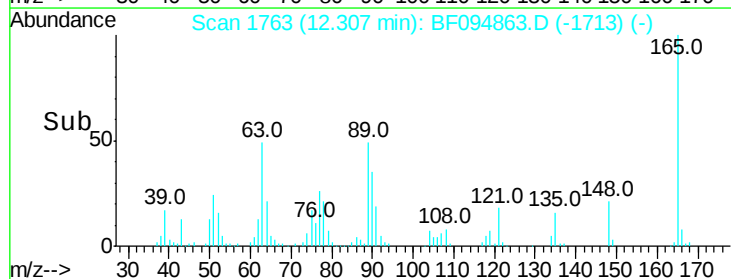
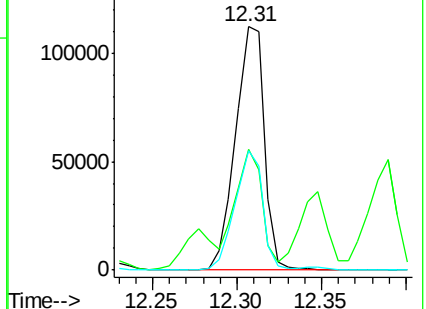
89 49.3 37.1 55.7

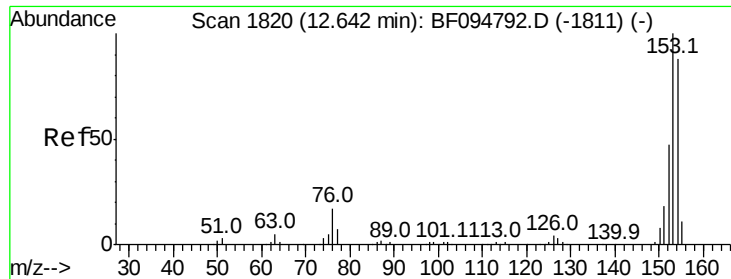


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.88 ng

RT: 12.63 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

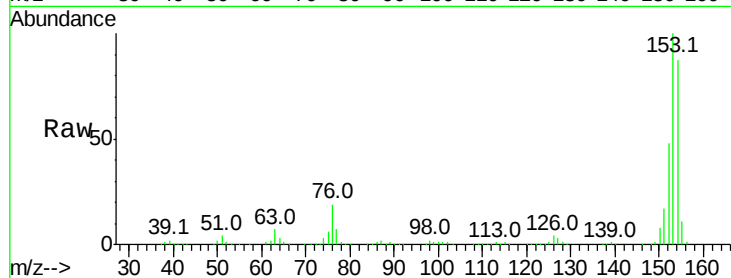
Tot Ion:154 Resp: 495185

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

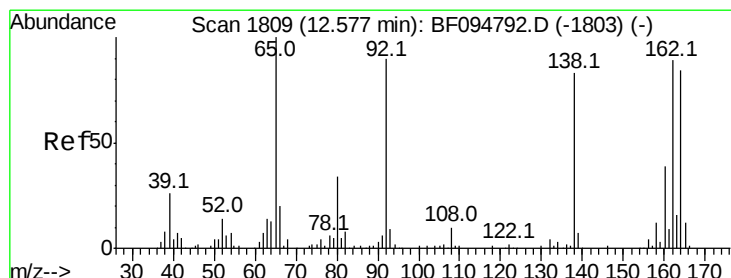
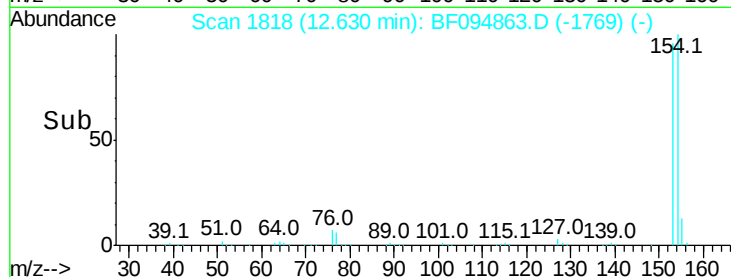
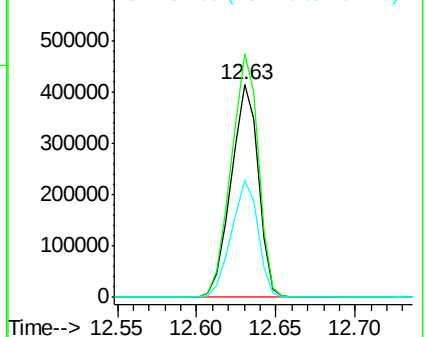
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.36 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

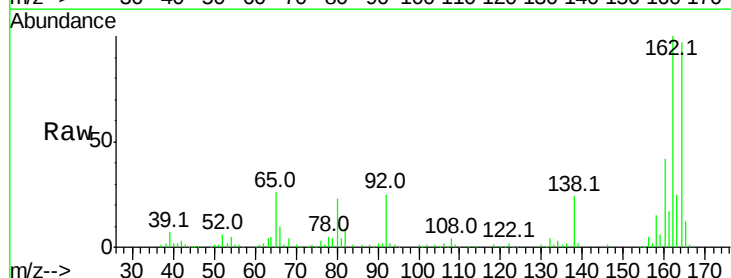
Tgt Ion:138 Resp: 47836

Ion Ratio Lower Upper

138 100

108 17.5 9.1 13.7#

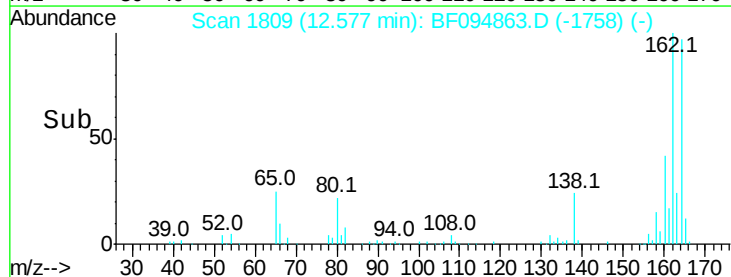
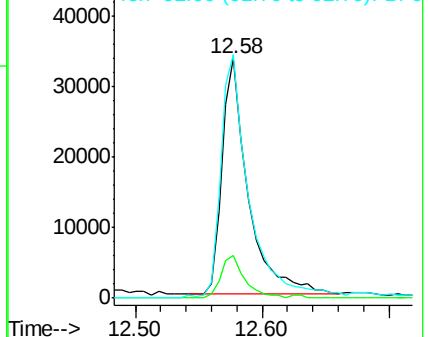
92 101.7 93.8 140.6

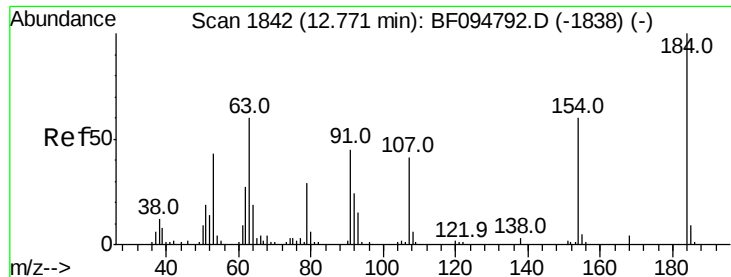


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

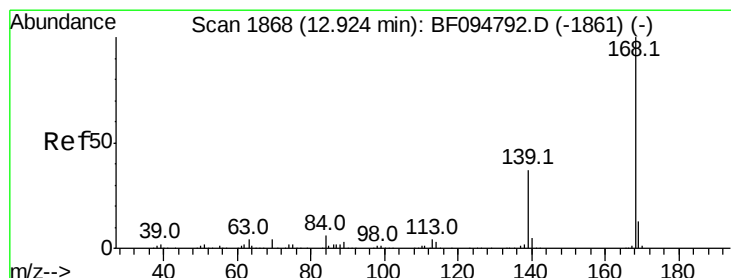
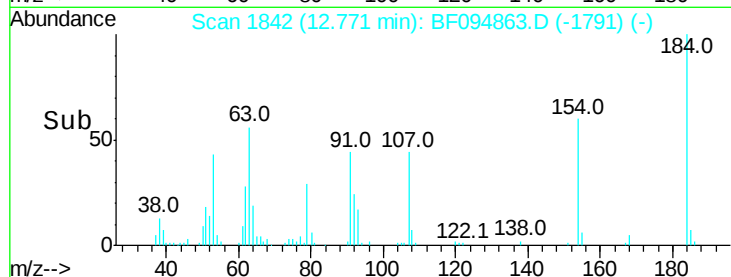
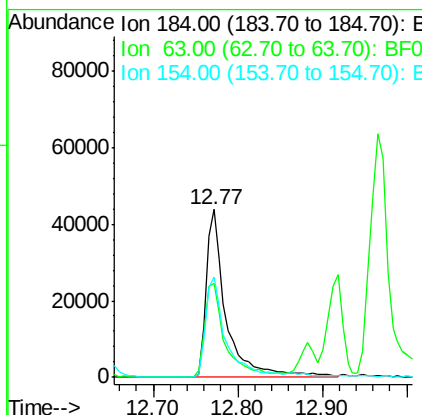
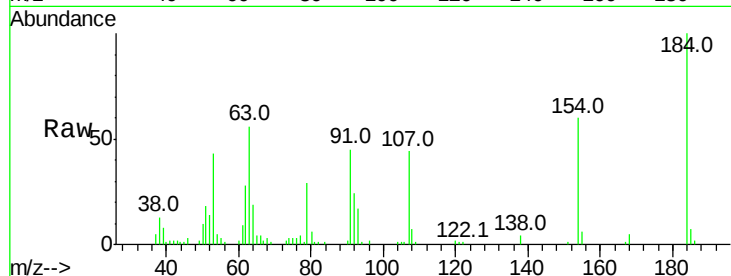




#53
 2,4-Dinitrophenol
 Concen: 50.54 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

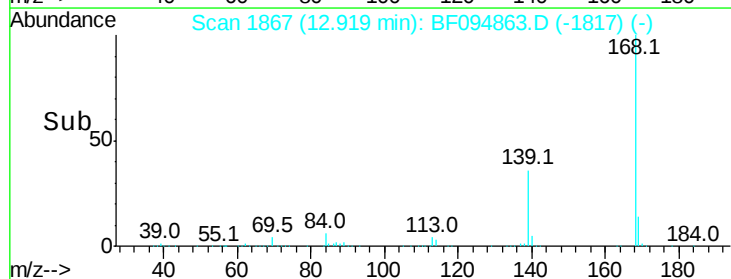
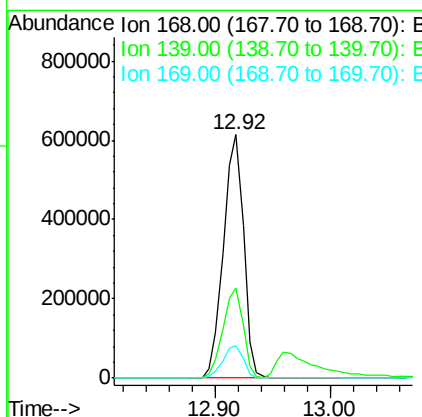
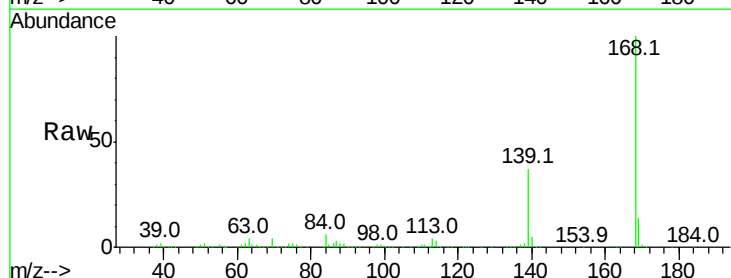
Instrument :
 BNA_F
 ClientSampled :

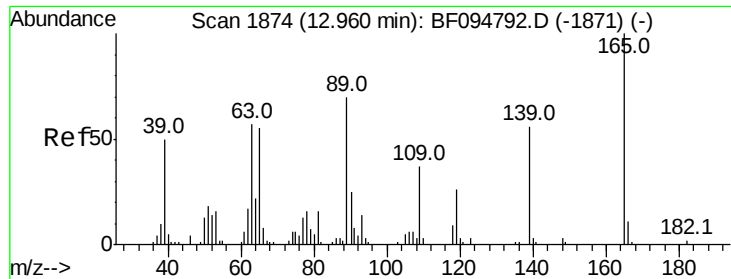
Tot Ion:184 Resp: 72063
 Ion Ratio Lower Upper
 184 100
 63 56.2 62.7 94.1#
 154 59.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 52.06 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:168 Resp: 745038
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.6 45.8
 169 13.5 10.8 16.2

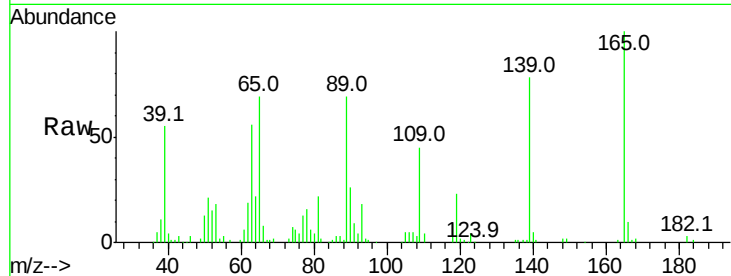




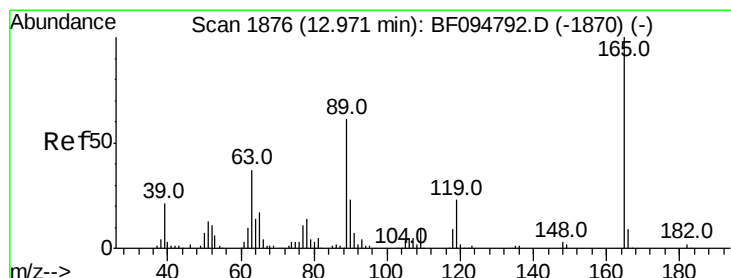
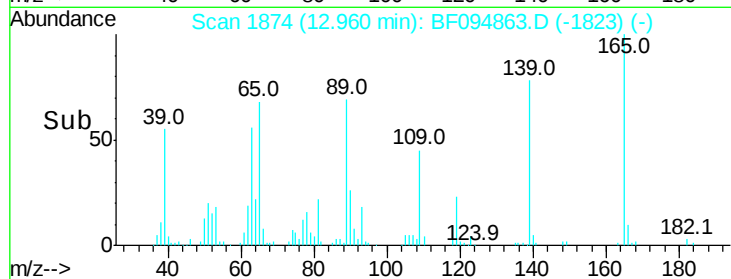
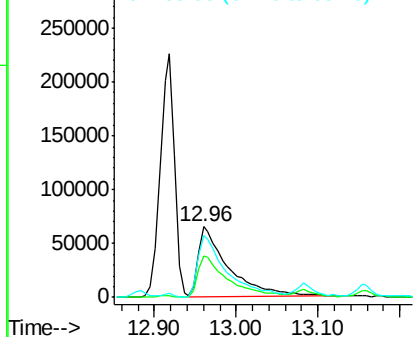
#55
4-Nitrophenol
Concen: 96.07 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 168658
Ion Ratio Lower Upper
139 100
109 58.1 34.1 74.1
65 88.0 31.4 71.4#

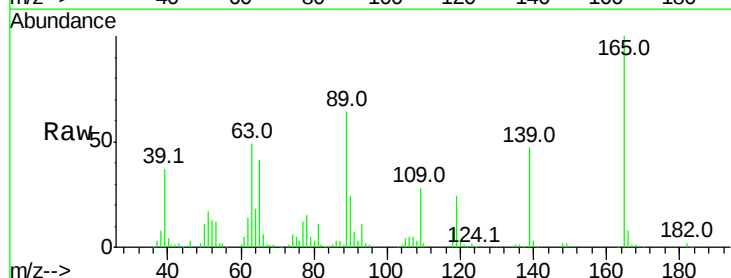


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

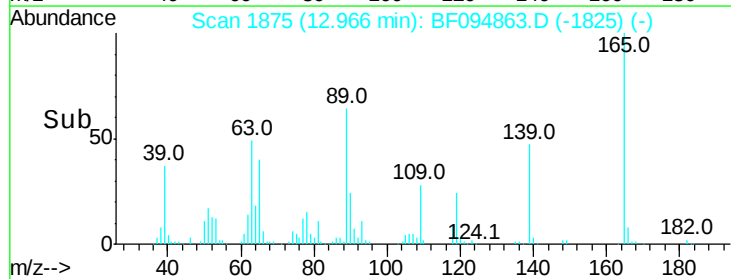
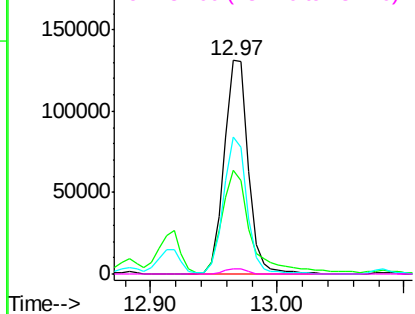


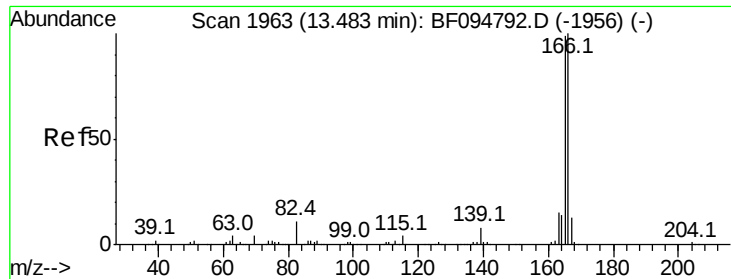
#56
2,4-Dinitrotoluene
Concen: 49.03 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:165 Resp: 171598
Ion Ratio Lower Upper
165 100
63 48.5 25.4 38.0#
89 64.0 46.4 69.6
182 2.4 1.8 2.6



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
Ion 182.00 (181.70 to 182.70): E

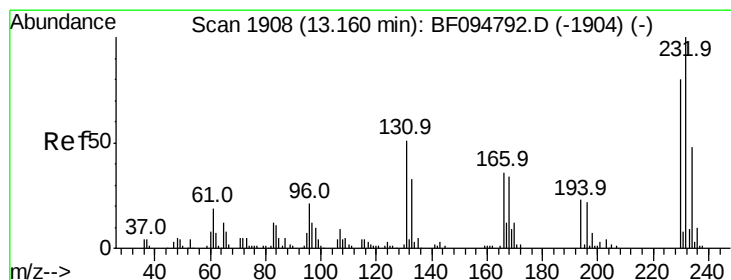
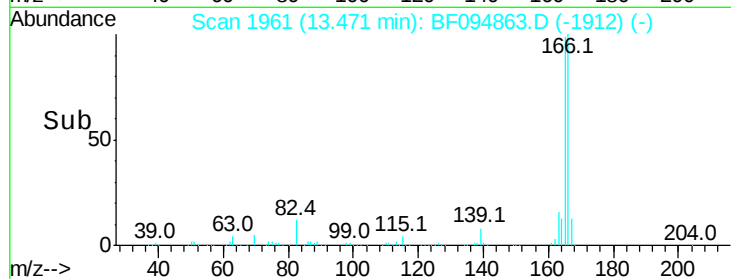
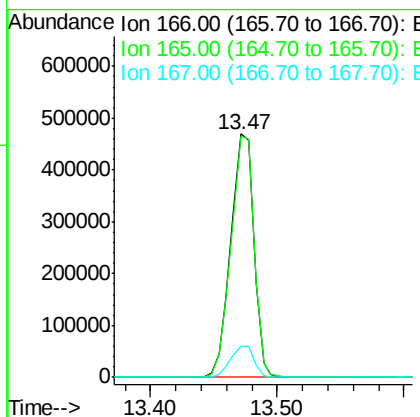
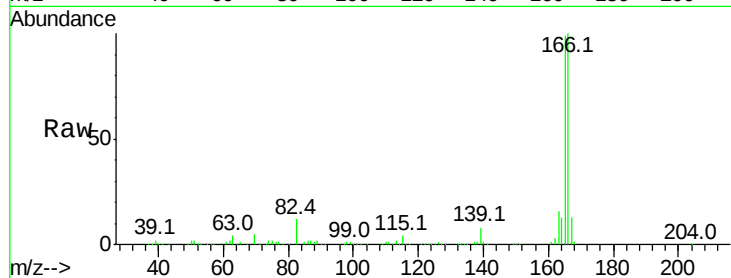




#57
 Fluorene
 Concen: 47.33 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

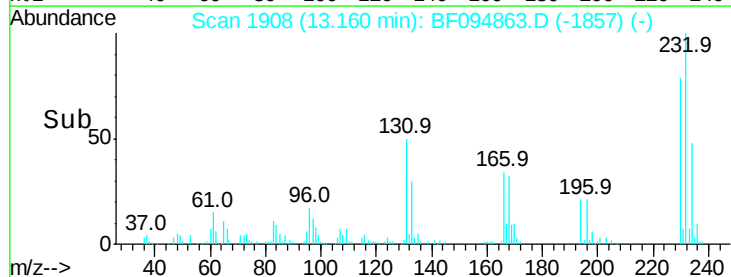
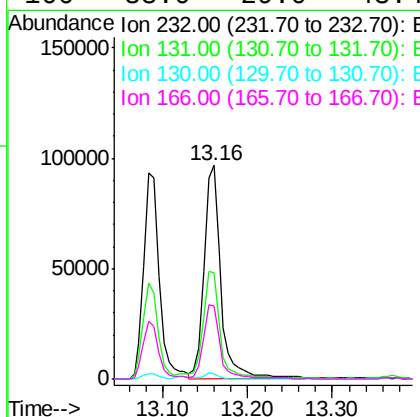
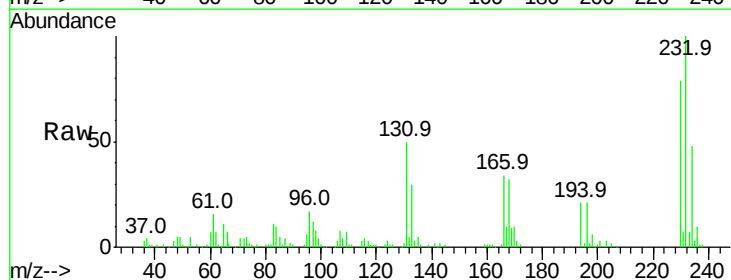
Instrument :
 BNA_F
 ClientSampleId :

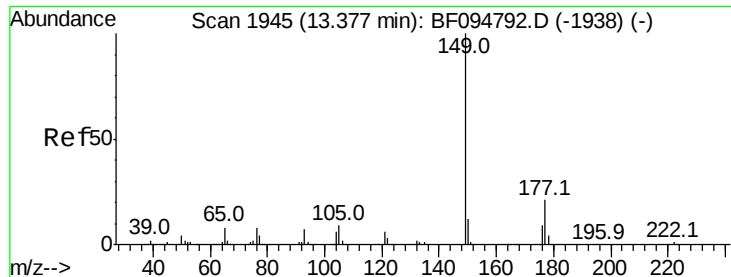
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	12.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.80 ng
 RT: 13.16 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.2	44.8	67.2
130	2.0	2.3	3.5#
166	33.0	29.0	43.4

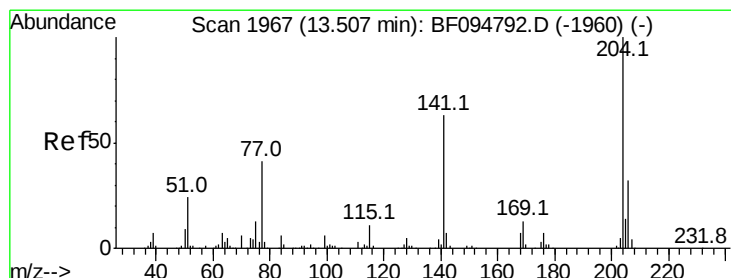
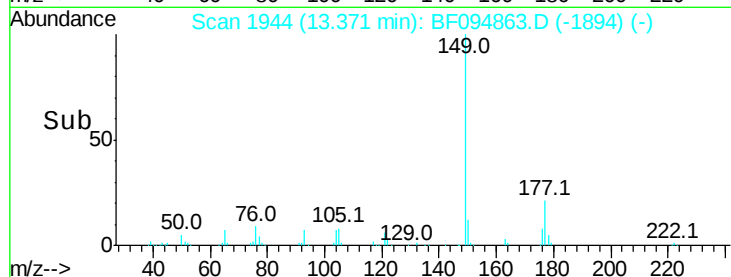
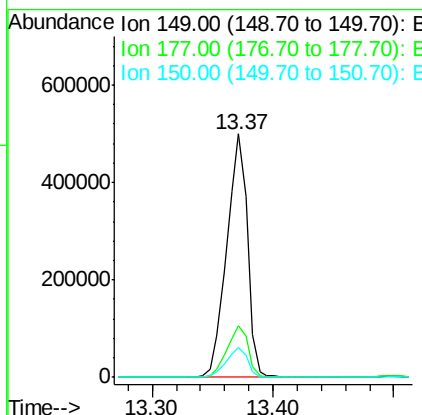
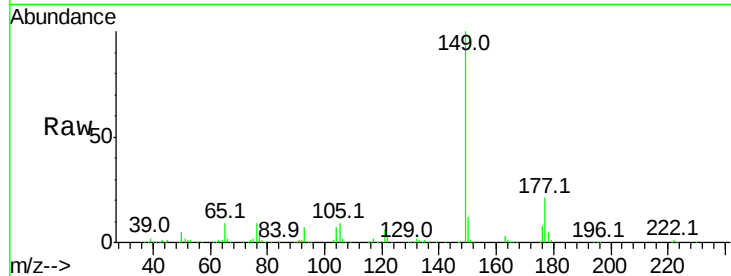




#59
Diethylphthalate
Concen: 46.54 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

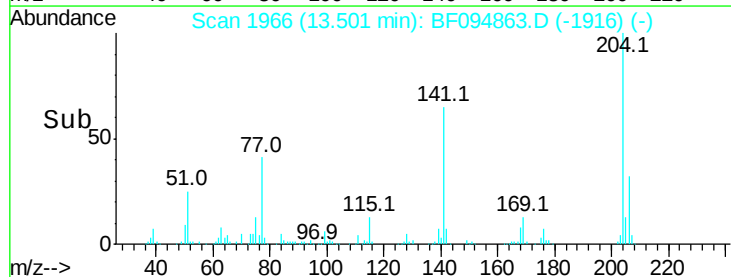
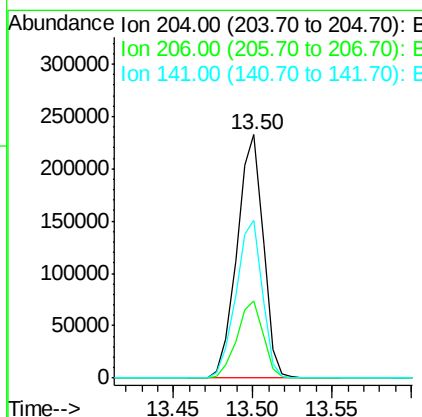
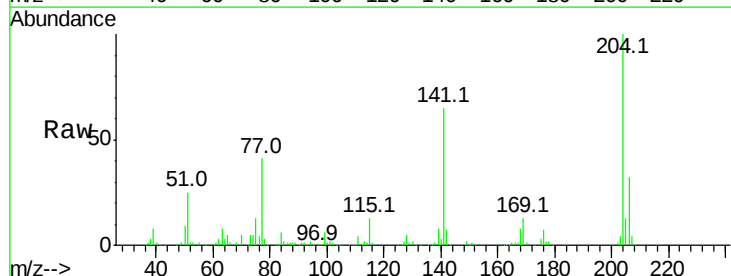
Instrument :
BNA_F
ClientSampleId :

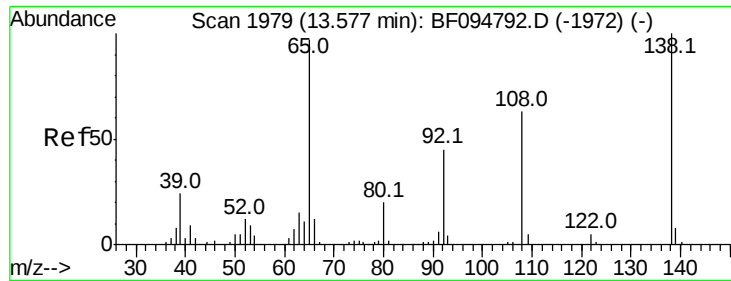
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.63 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.2
141	64.7	60.8	91.2

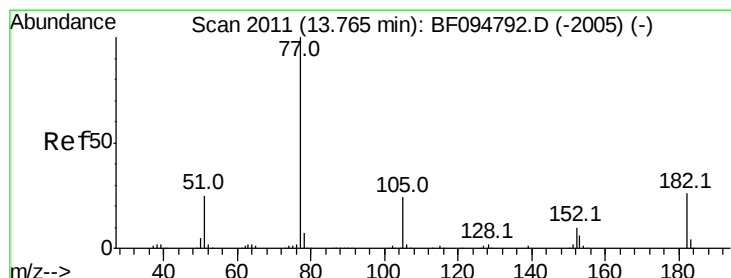
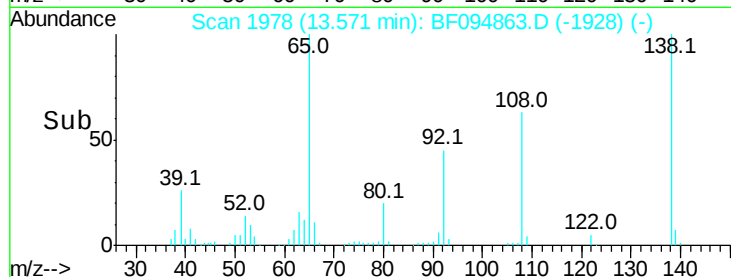
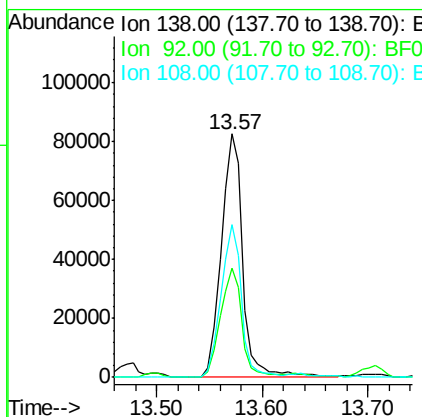
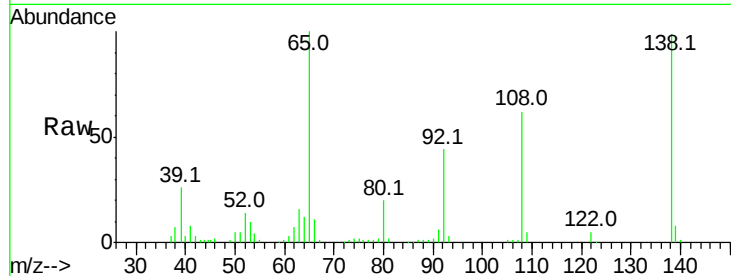




#61
4-Nitroaniline
Concen: 43.64 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

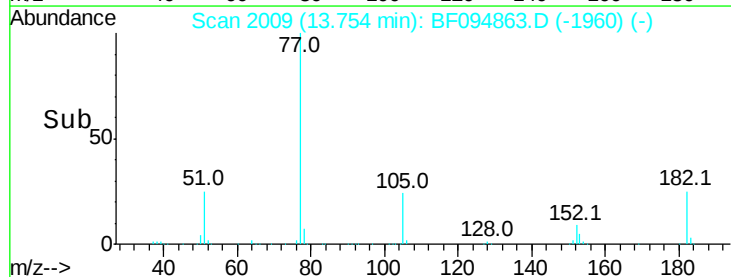
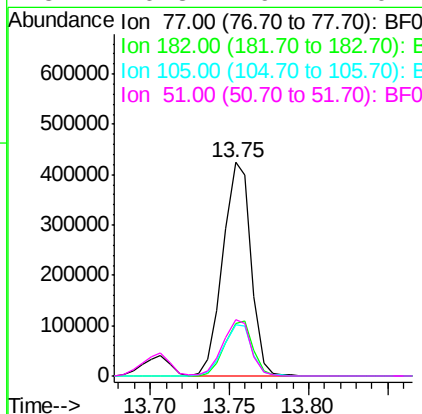
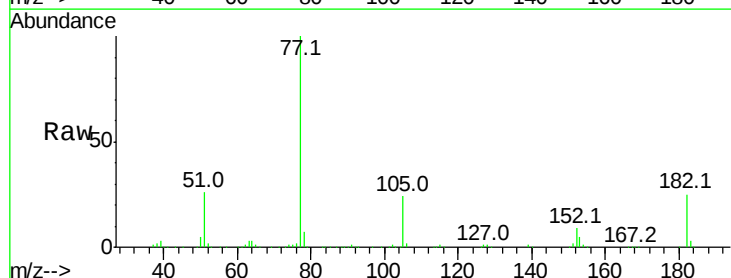
Instrument :
BNA_F
ClientSampled :

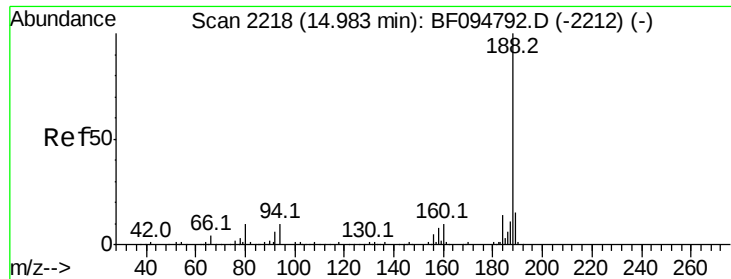
Tot Ion:138 Resp: 117093
Ion Ratio Lower Upper
138 100
92 44.8 21.8 61.8
108 62.6 42.3 82.3



#62
Azobenzene
Concen: 50.41 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion: 77 Resp: 518280
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 24.1 3.6 43.6
51 26.3 9.4 49.4

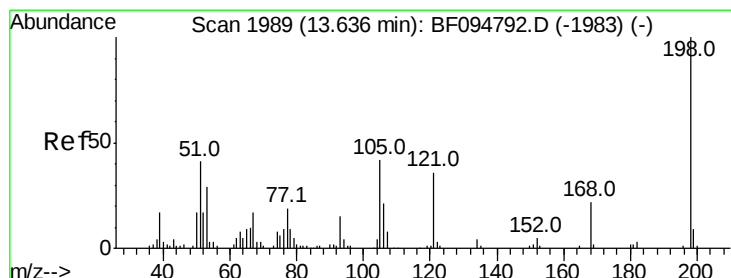
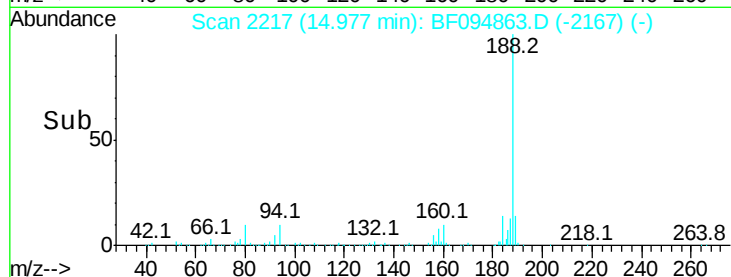
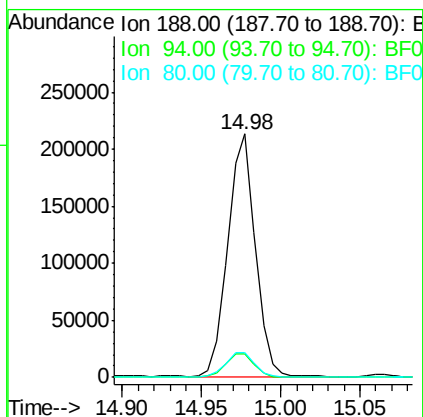
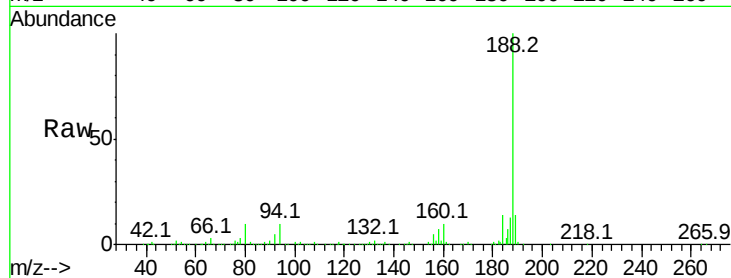




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

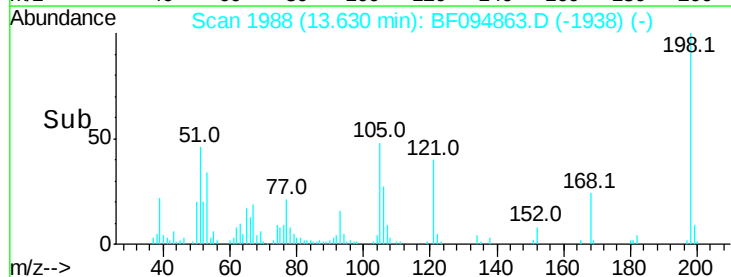
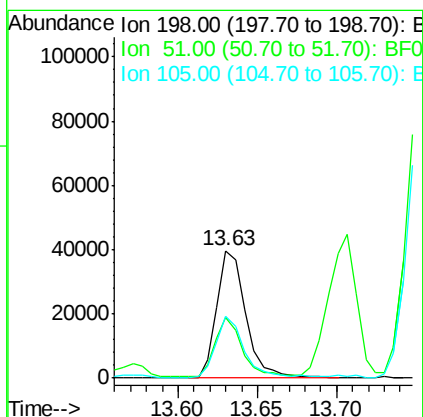
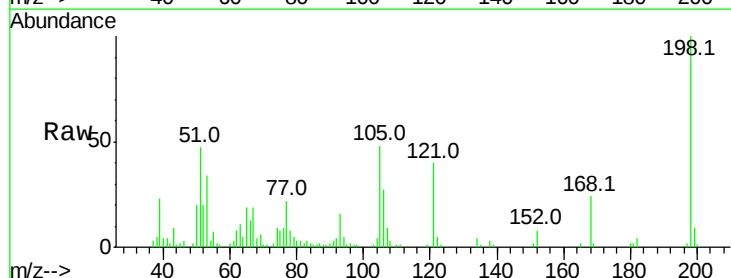
Instrument :
 BNA_F
 ClientSampleId :

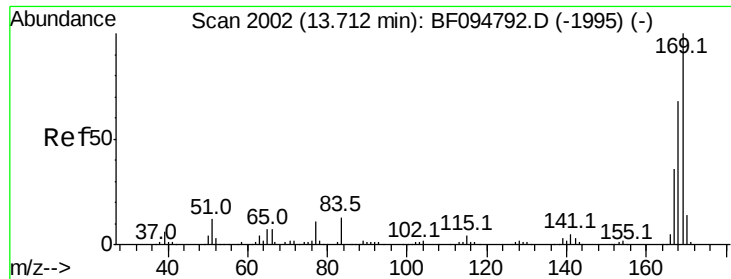
Tot Ion:188 Resp: 254502
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.2 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.75 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:198 Resp: 50761
 Ion Ratio Lower Upper
 198 100
 51 47.2 53.2 93.2#
 105 48.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 51.44 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

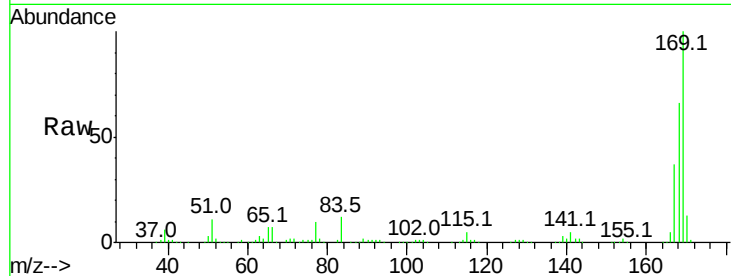
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 475177

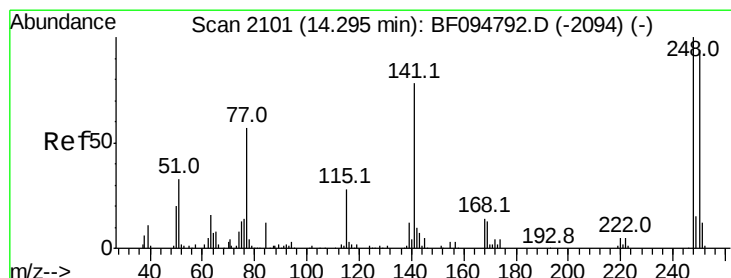
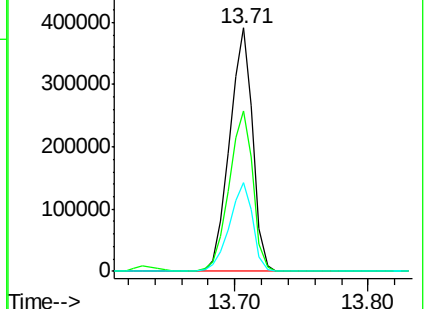
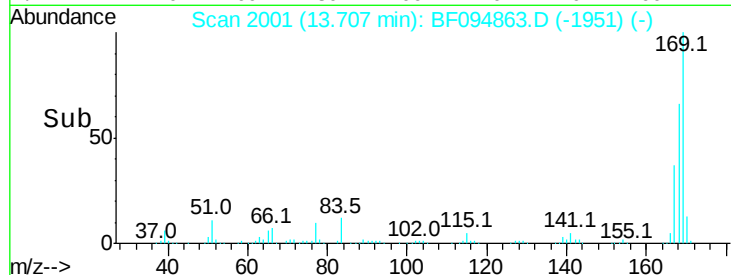
Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.2	79.8
167	36.5	29.5	44.3



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: 53.64 ng

RT: 14.28 min Scan# 2099

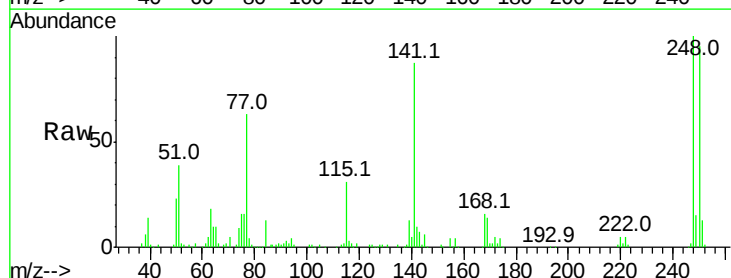
Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Tgt Ion:248 Resp: 144217

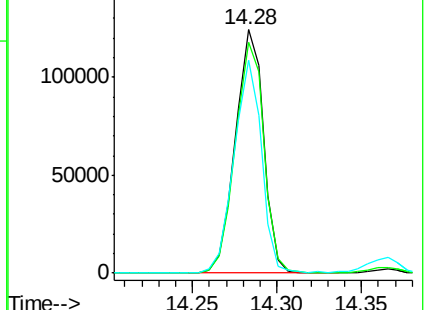
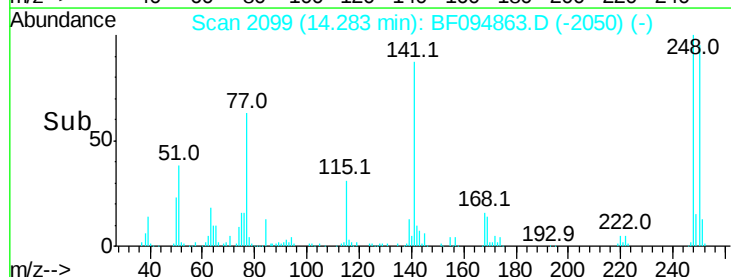
Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.8	115.2
141	87.2	68.6	103.0

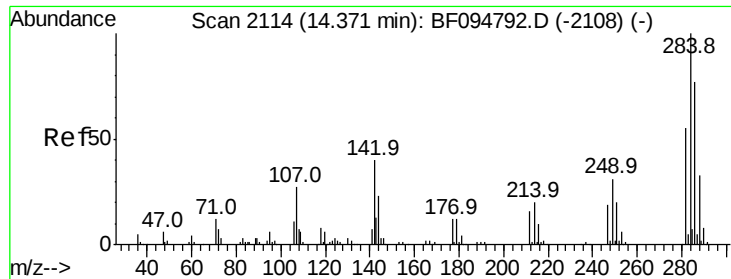


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

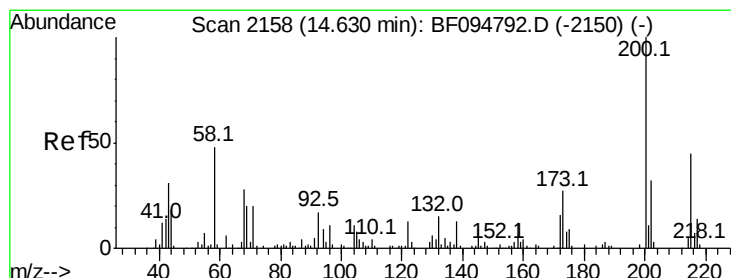
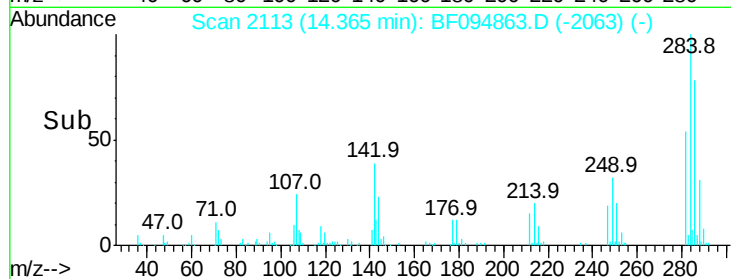
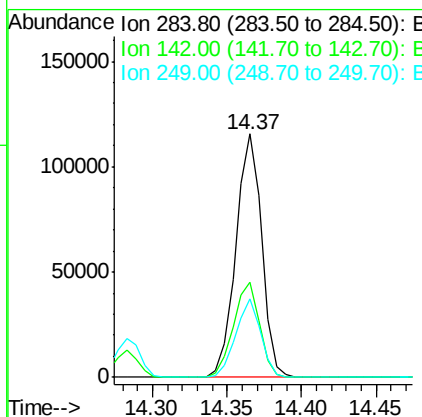
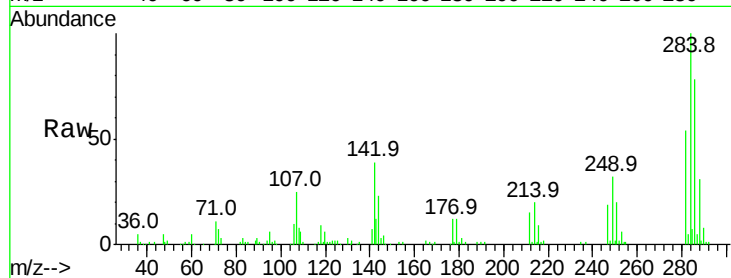




#67
Hexachlorobenzene
Concen: 50.62 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

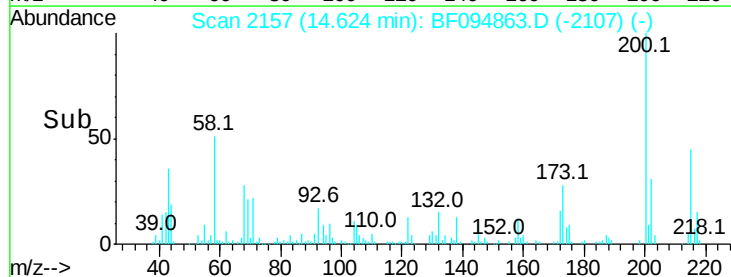
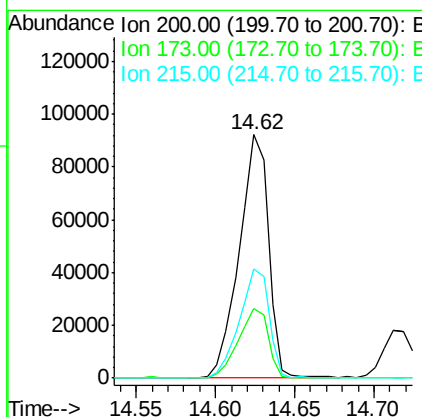
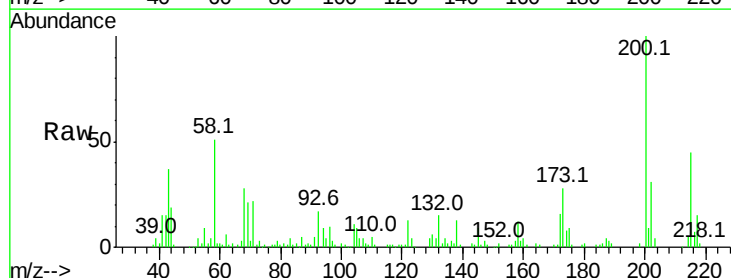
Instrument :
BNA_F
ClientSampleId :

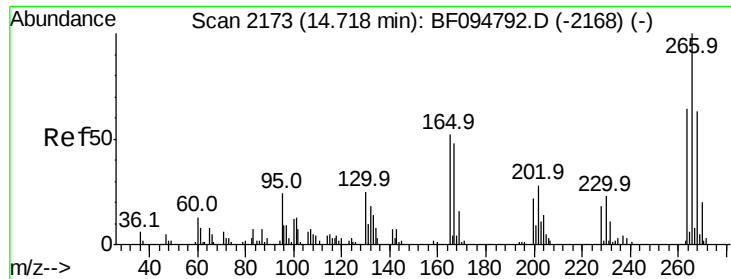
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.0	22.8	34.2#
249	32.0	24.0	36.0



#68
Atrazine
Concen: 45.39 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.3	46.3
215	44.8	27.2	67.2

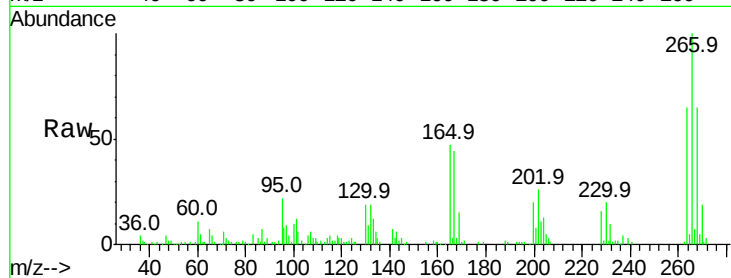




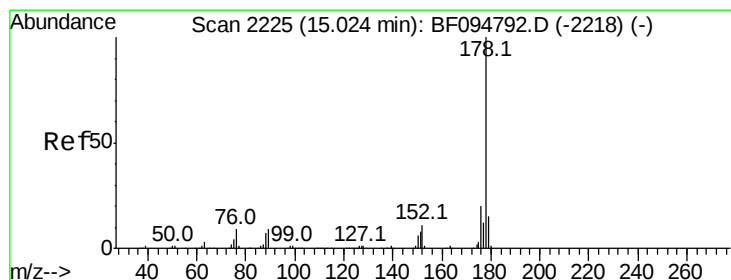
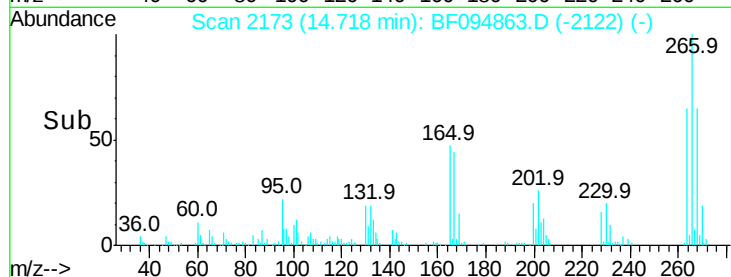
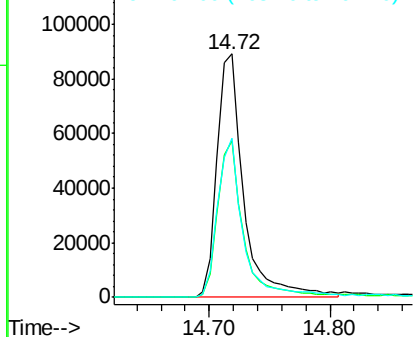
#69
 Pentachlorophenol
 Concen: 107.55 ng
 RT: 14.72 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 136714
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 65.4 51.7 77.5

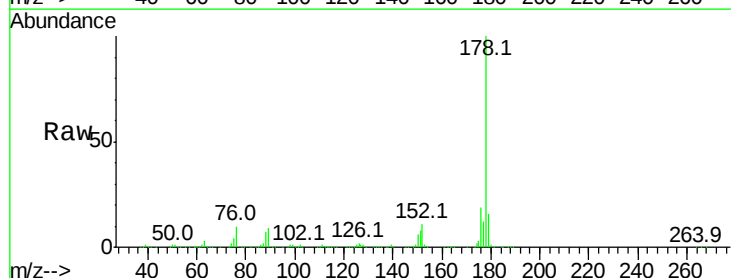


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

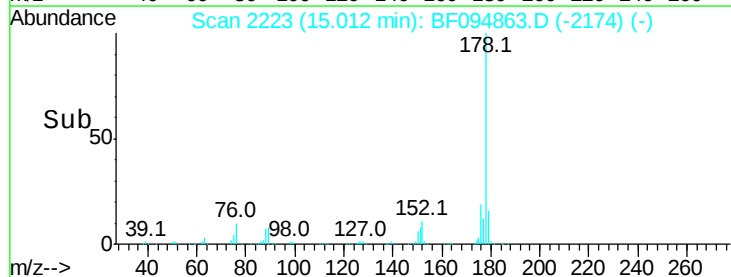
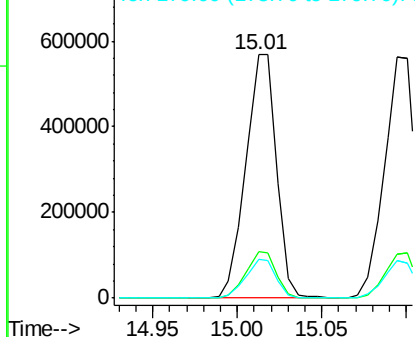


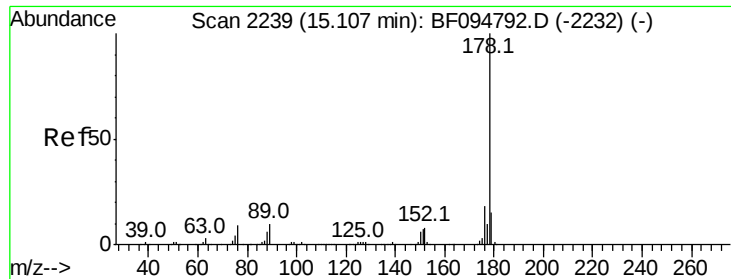
#70
 Phenanthrene
 Concen: 49.47 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:178 Resp: 723451
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.8 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

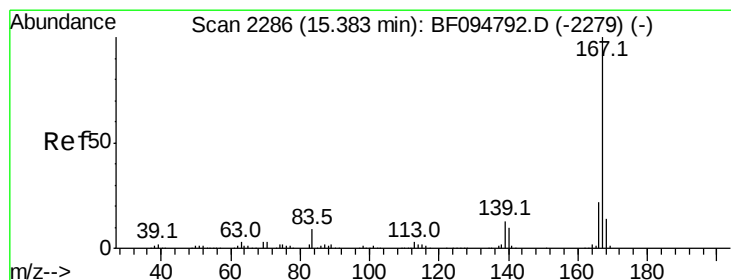
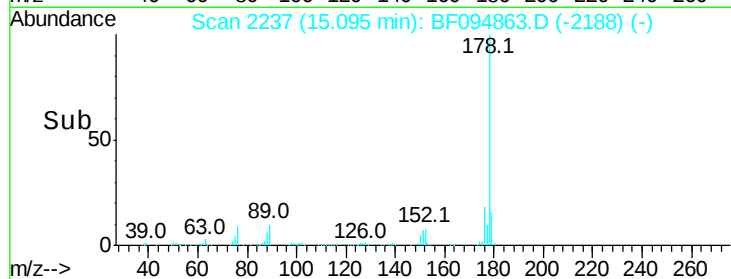
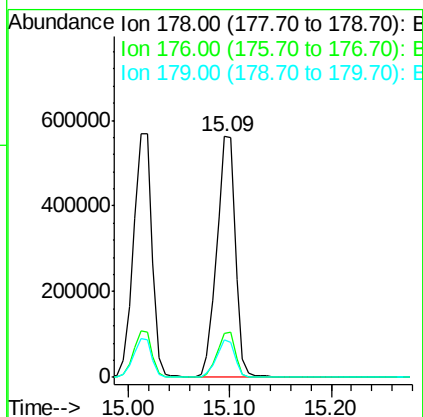
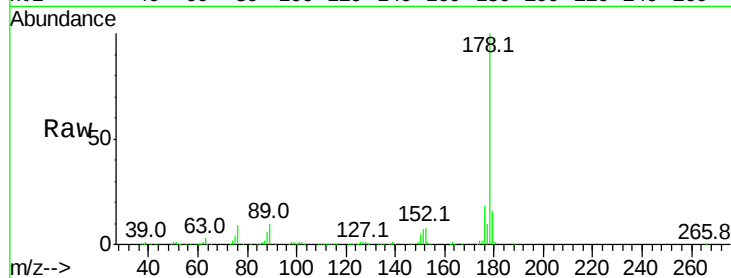




#71
 Anthracene
 Concen: 48.02 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

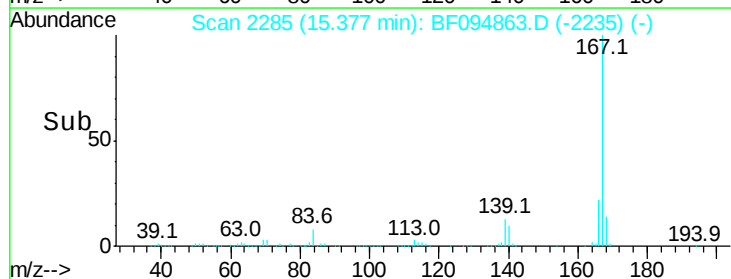
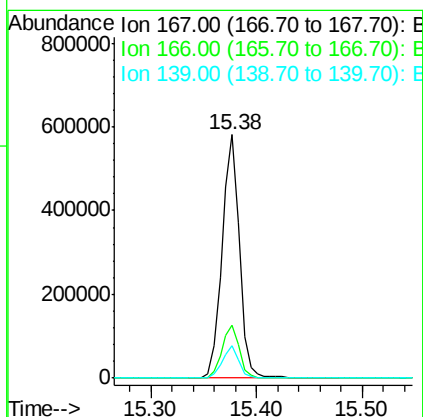
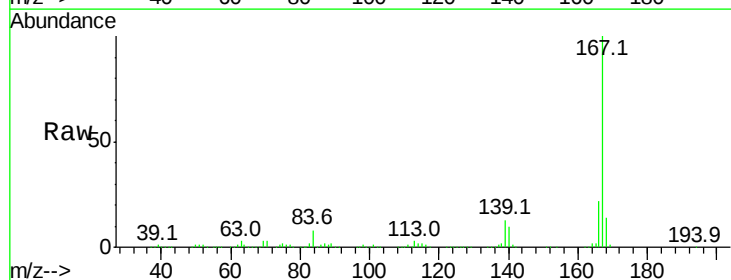
Instrument :
 BNA_F
 ClientSampleId :

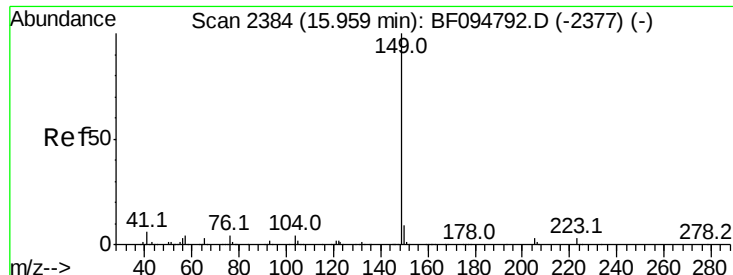
Tot Ion:178 Resp: 717226
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 49.29 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:167 Resp: 669943
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.2 11.7 17.5

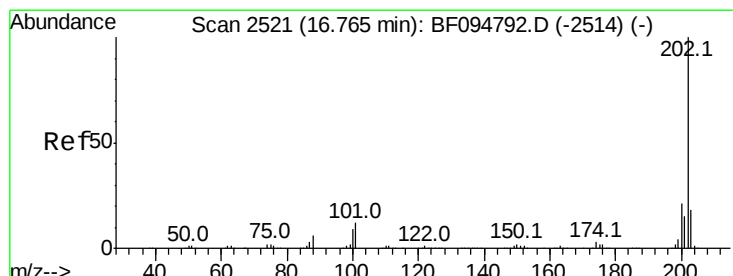
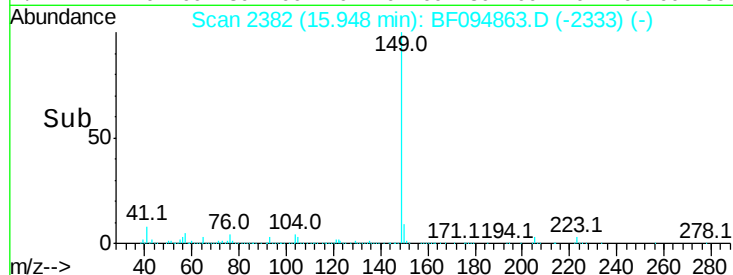
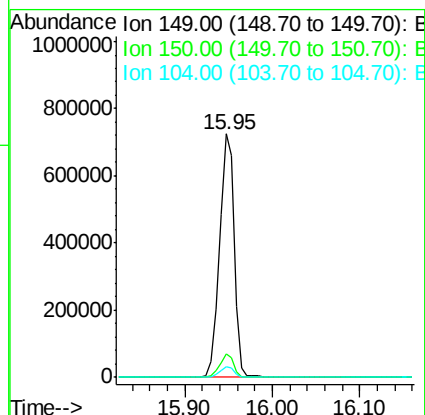
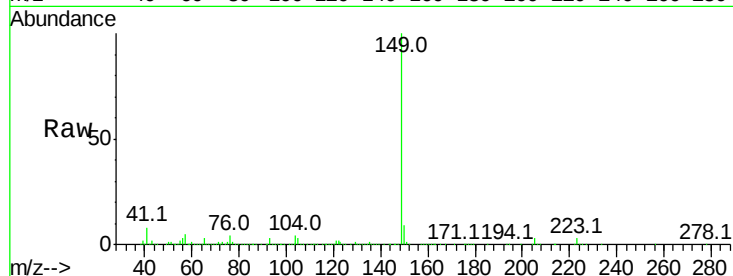




#73
Di-n-butylphthalate
Concen: 49.91 ng
RT: 15.95 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

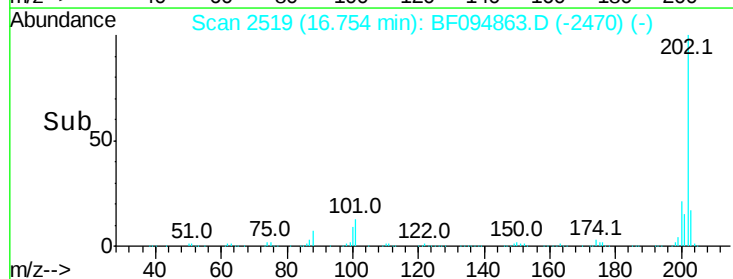
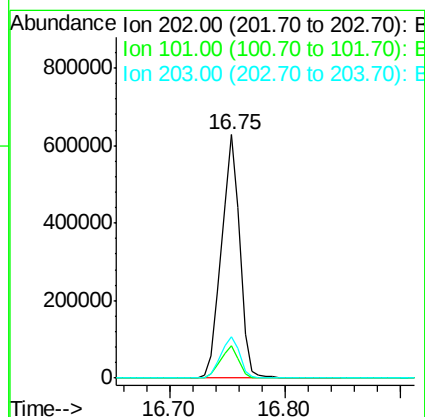
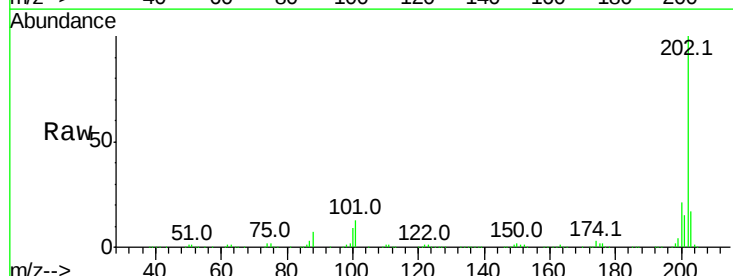
Instrument :
BNA_F
ClientSampleId :

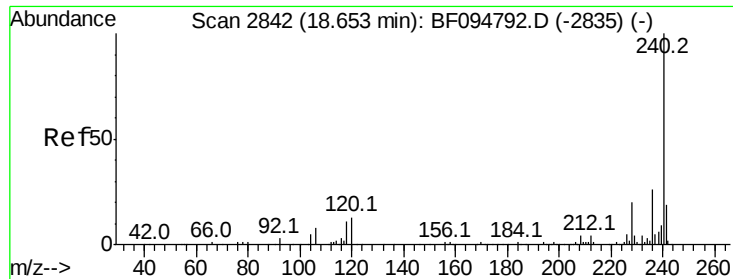
Tot Ion:149 Resp: 845912
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 46.13 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:202 Resp: 691942
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

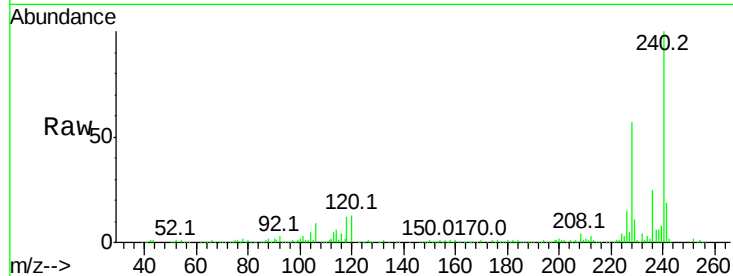
Tot Ion:240 Resp: 193920

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

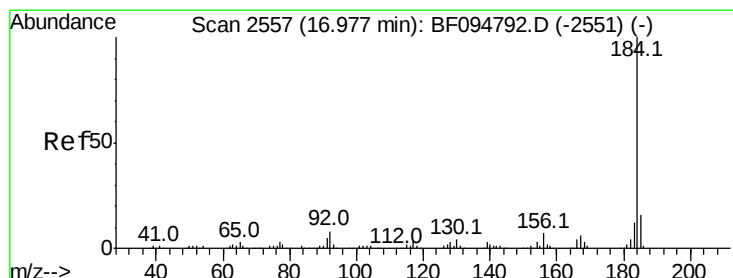
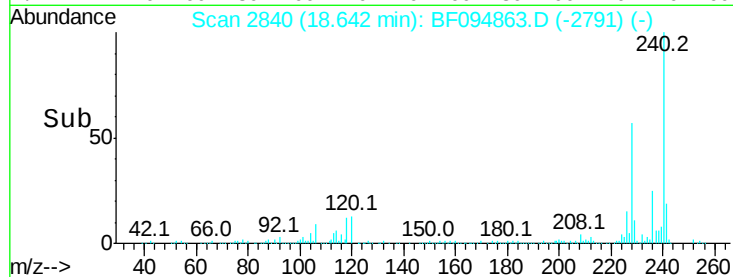
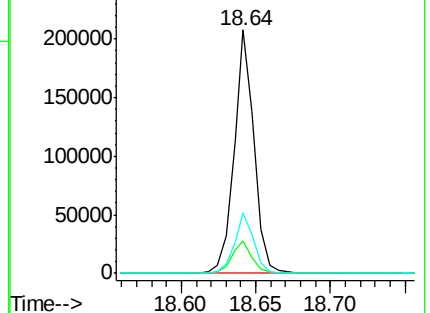
236 24.8 20.5 30.7



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: 11.91 ng

RT: 16.98 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

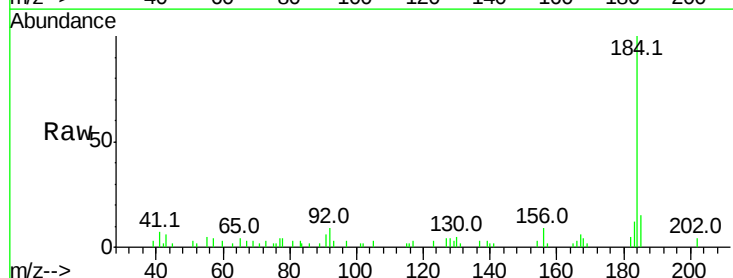
Tgt Ion:184 Resp: 32359

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

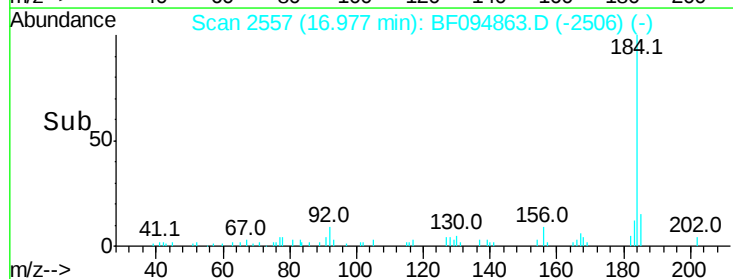
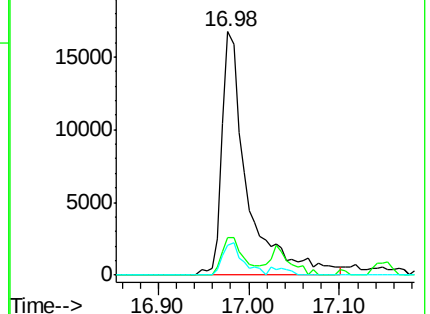
183 12.2 9.8 14.6

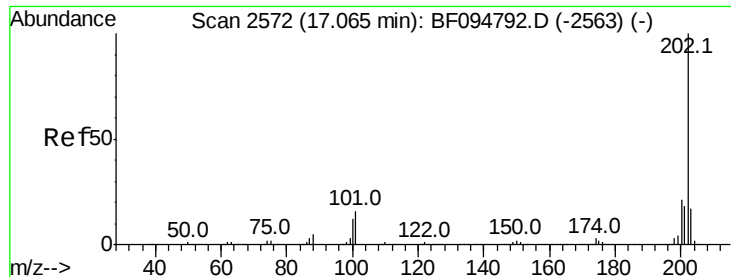


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.39 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

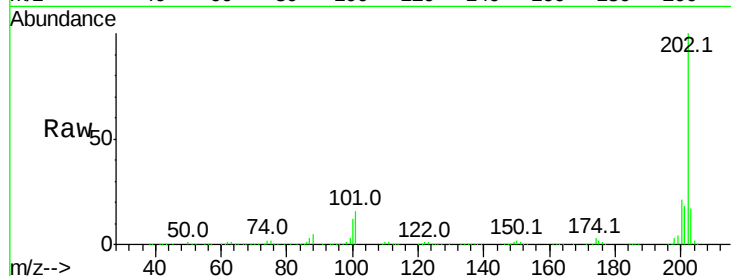
Tot Ion:202 Resp: 687292

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

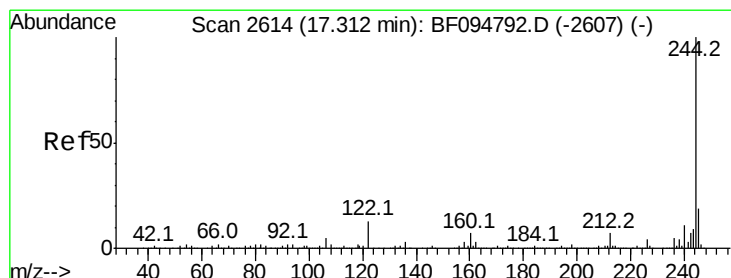
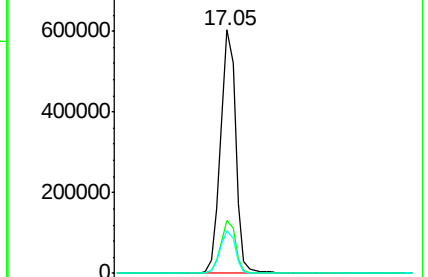
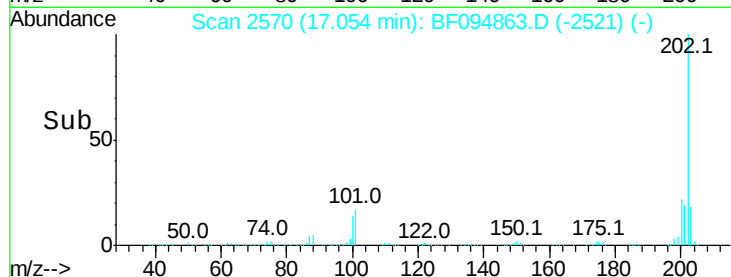
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.98 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

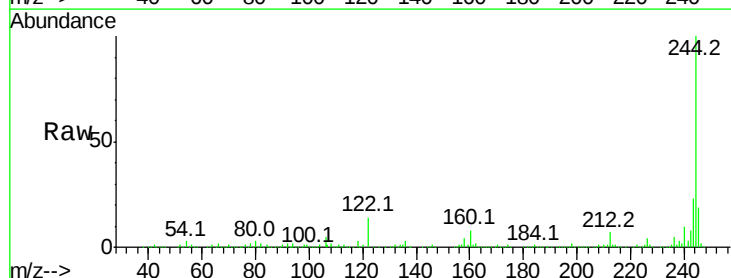
Tgt Ion:244 Resp: 721768

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

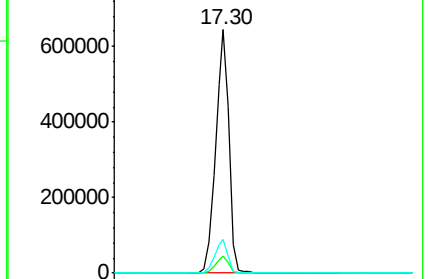
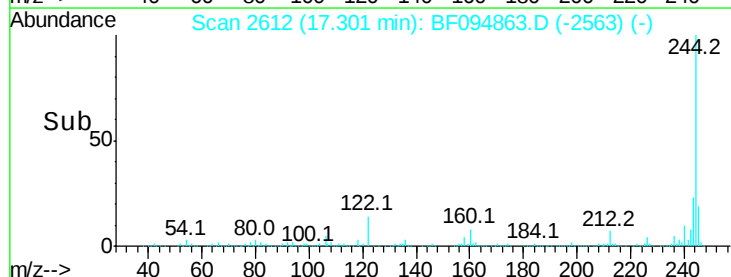
122 13.8 10.3 15.5

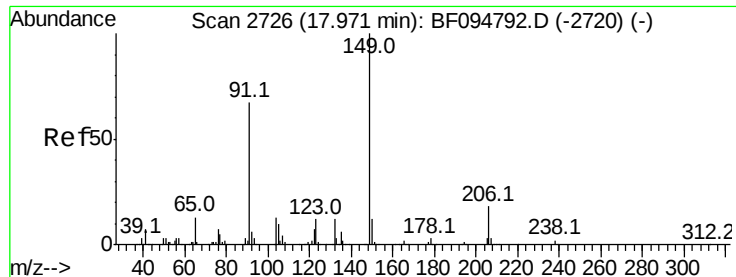


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.45 ng

RT: 17.97 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

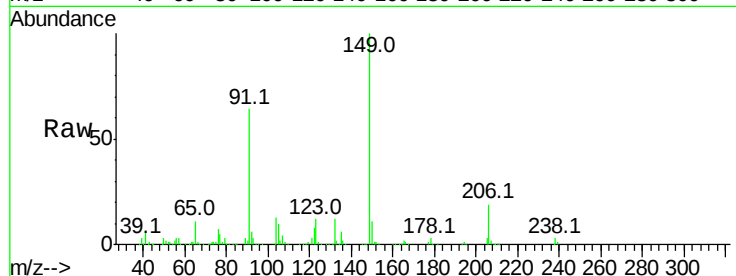
Tot Ion:149 Resp: 326827

Ion Ratio Lower Upper

149 100

91 63.6 45.0 67.4

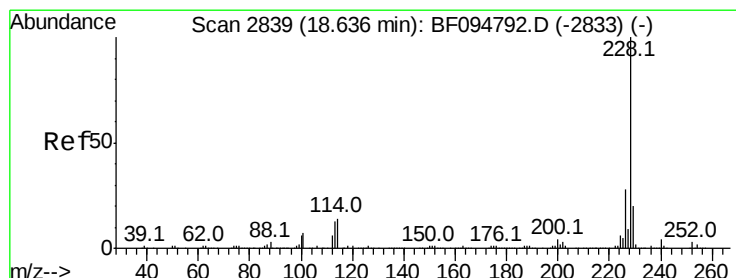
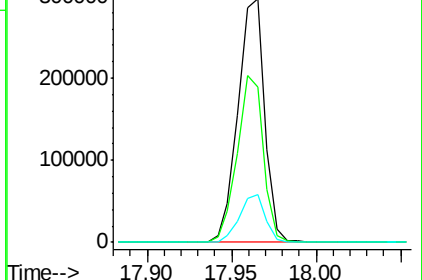
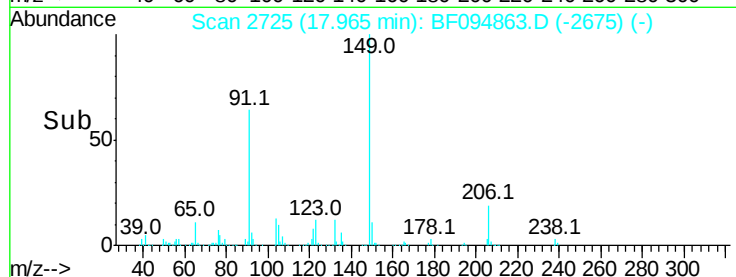
206 19.4 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.21 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

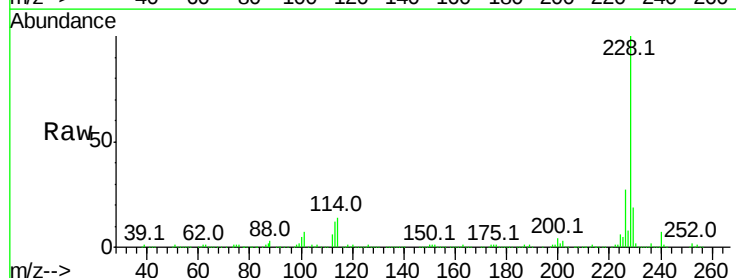
Tgt Ion:228 Resp: 555349

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

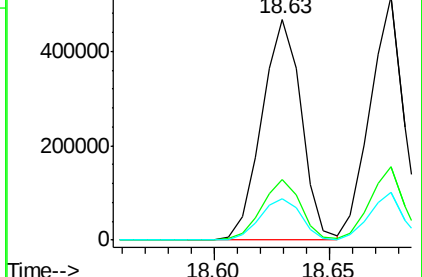
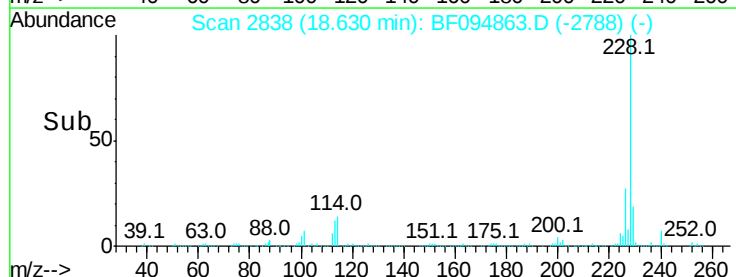
229 18.8 16.3 24.5

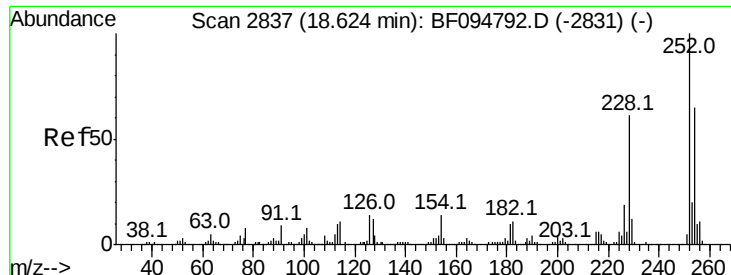


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

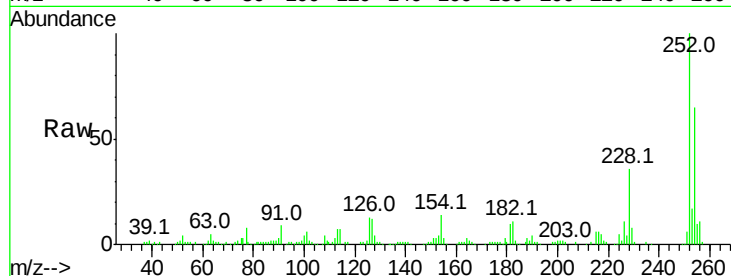




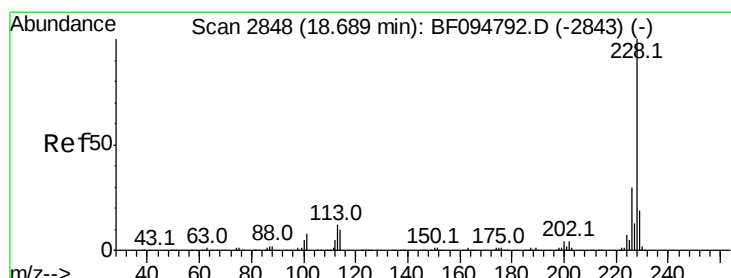
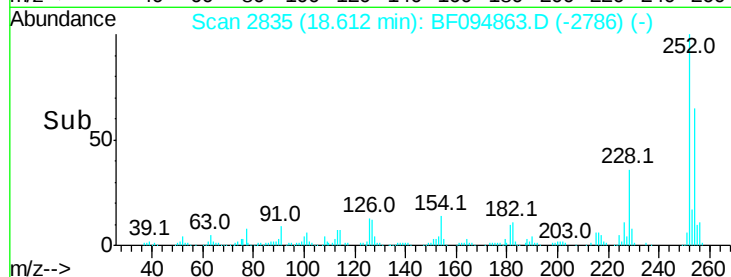
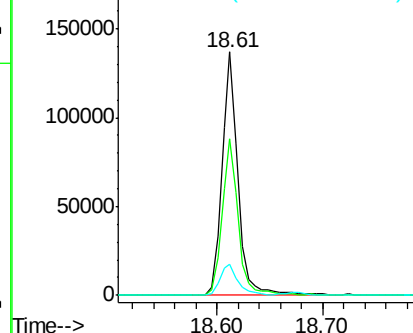
#81
 3,3'-Dichlorobenzidine
 Concen: 37.66 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 146802
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 12.7 15.8 23.8#

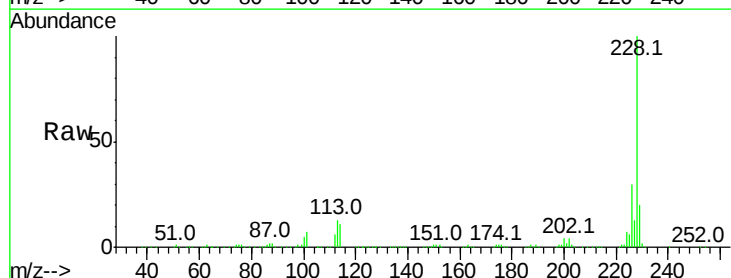


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

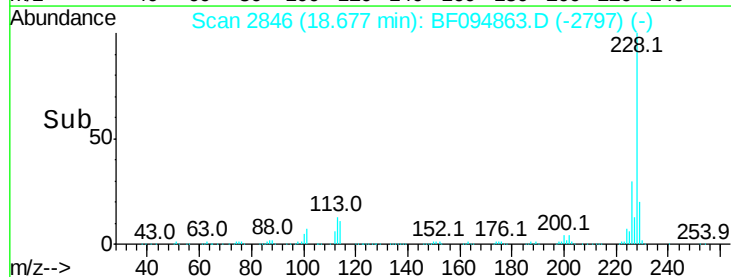
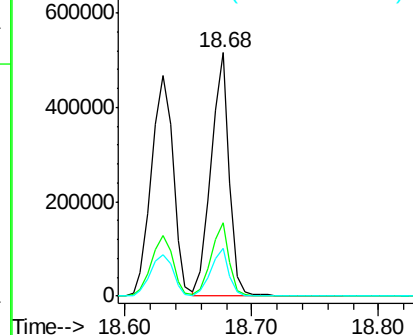


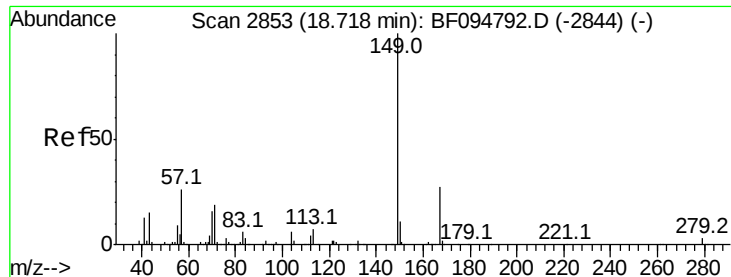
#82
 Chrysene
 Concen: 47.38 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:228 Resp: 517054
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.5 15.8 23.6



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

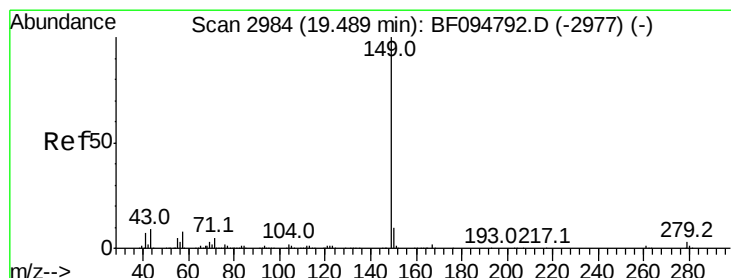
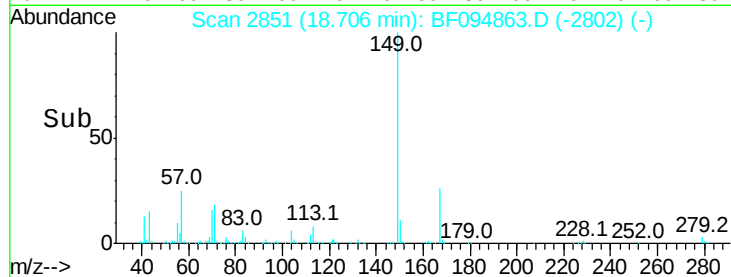
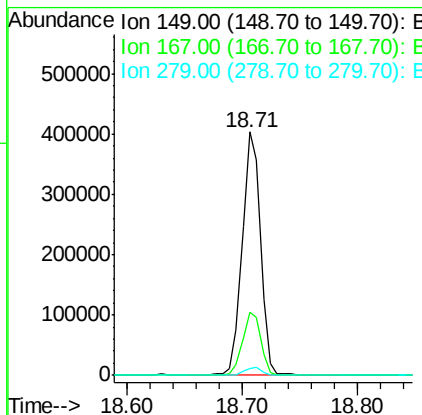
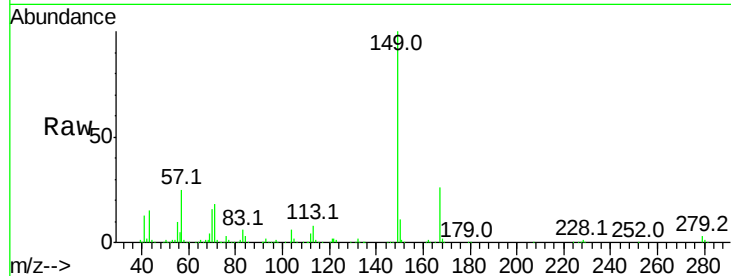




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.23 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

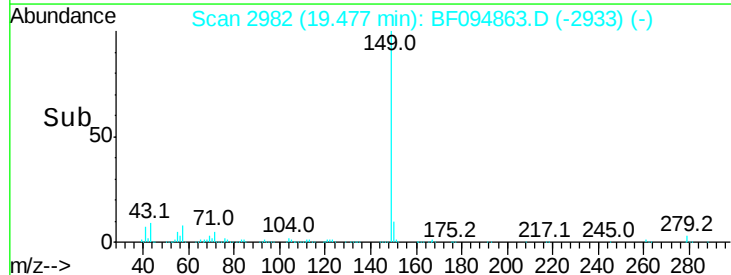
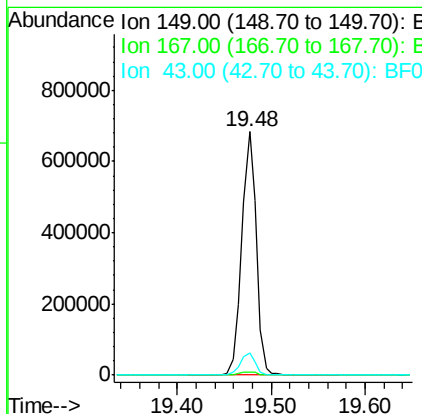
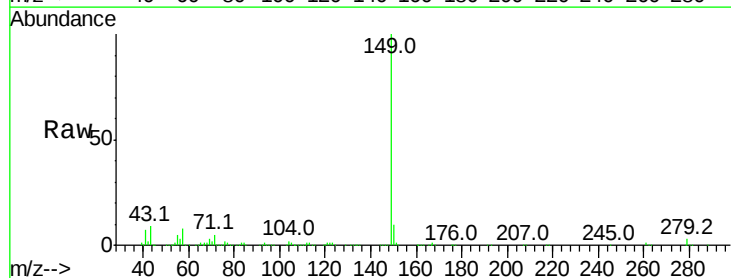
Instrument :
 BNA_F
 ClientSampleId :

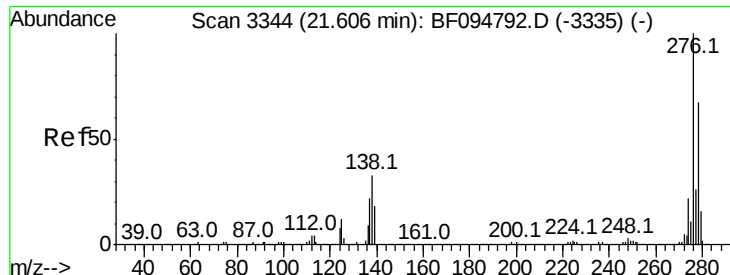
Tot Ion:149 Resp: 444311
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.65 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094863.D
 Acq: 4 May 2017 7:48

Tgt Ion:149 Resp: 735182
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 8.5 12.7

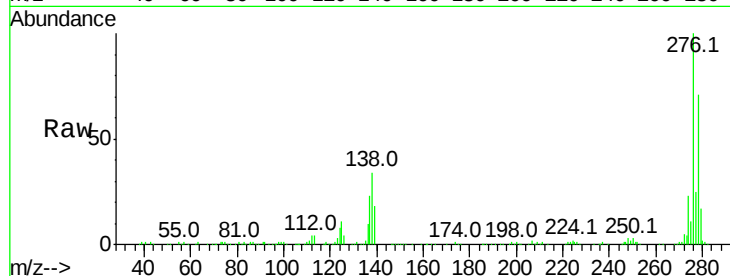




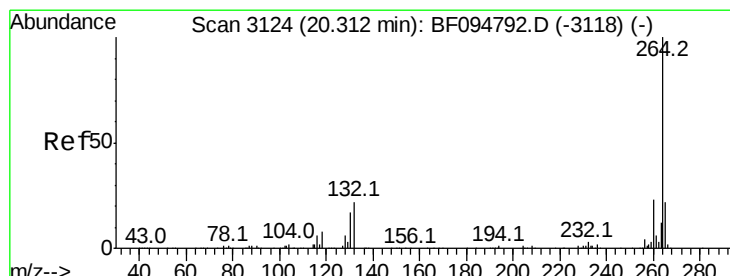
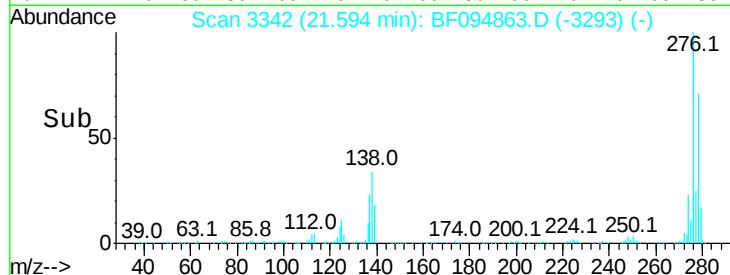
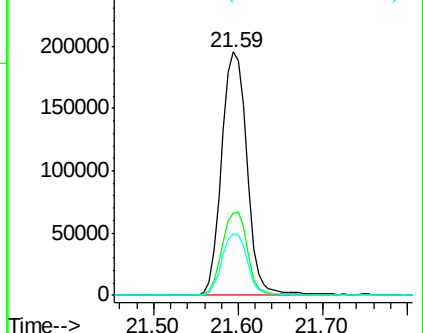
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.23 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 409667
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 25.6 20.2 30.4

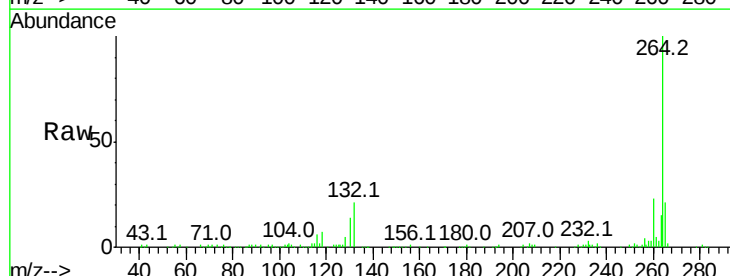


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

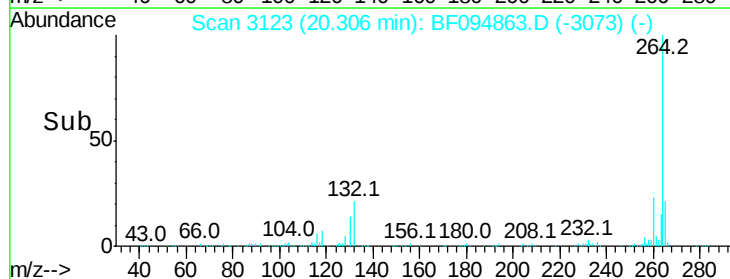
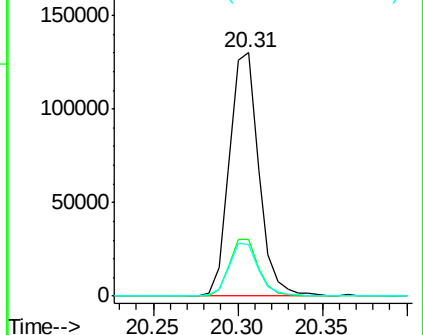


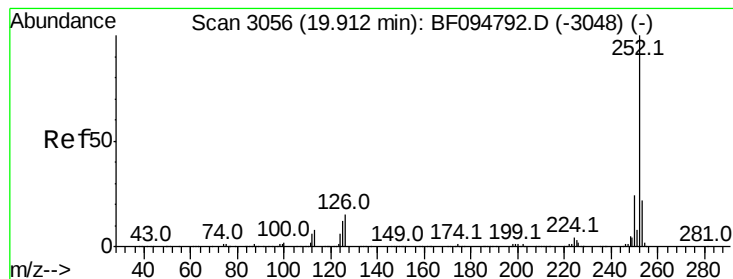
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion:264 Resp: 157349
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.77 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

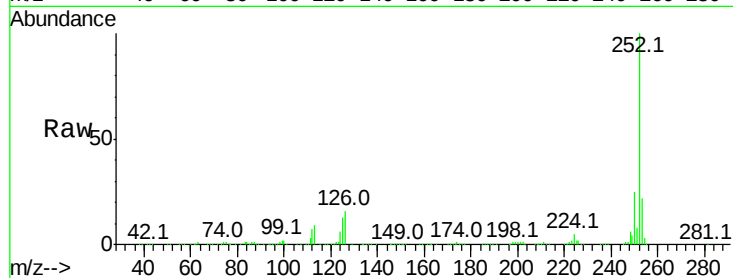
Tot Ion:252 Resp: 483871

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

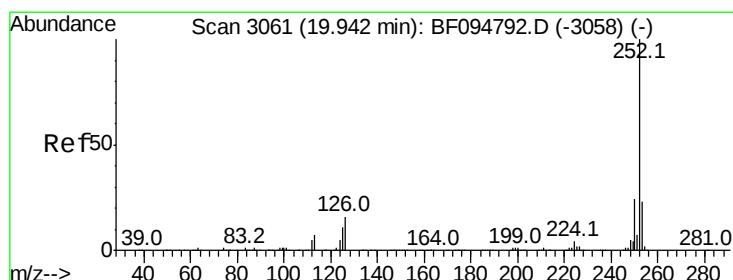
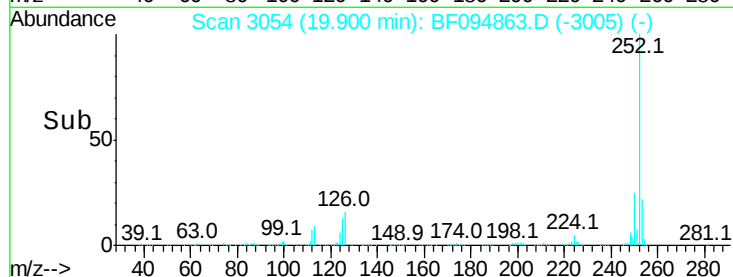
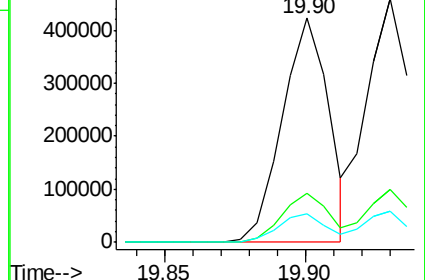
125 12.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 52.81 ng

RT: 19.93 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BF094863.D

Acq: 4 May 2017 7:48

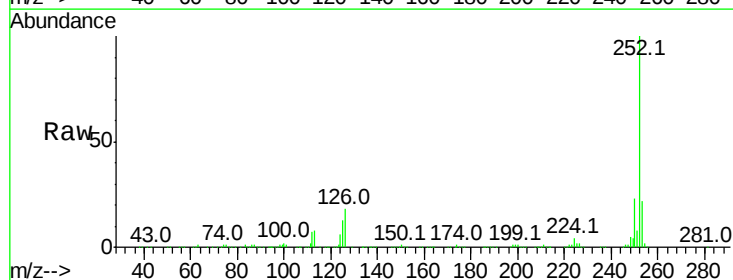
Tgt Ion:252 Resp: 495305

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

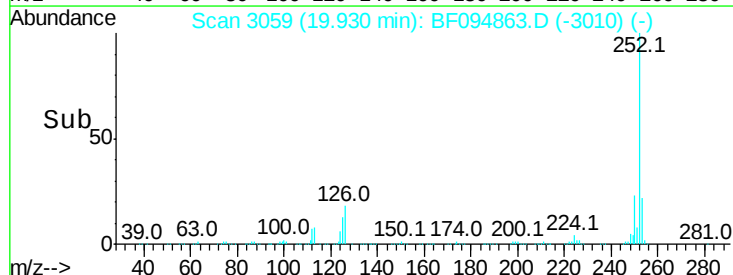
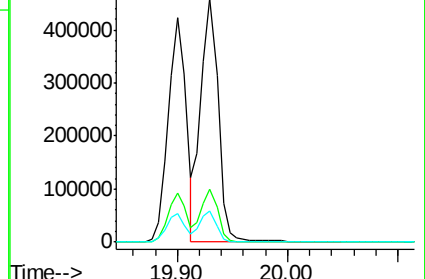
125 13.0 13.1 19.7#

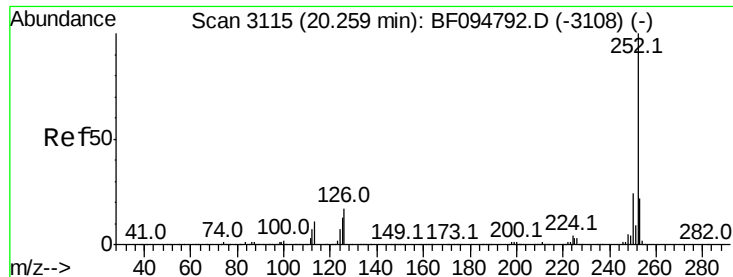


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

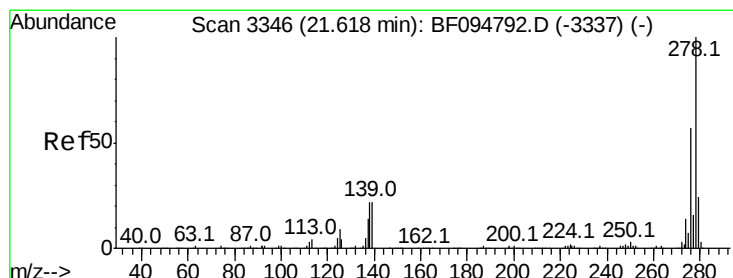
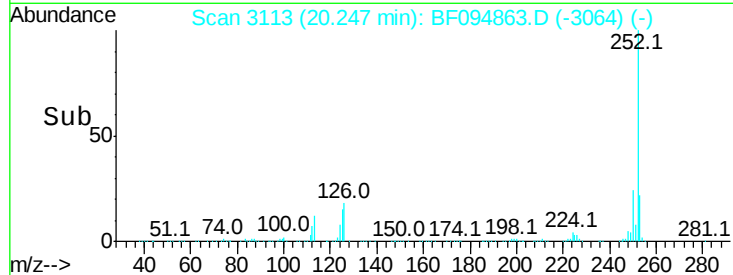
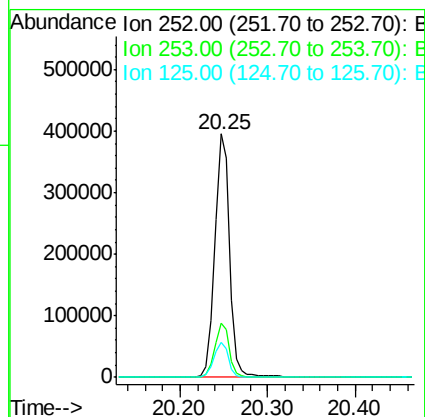
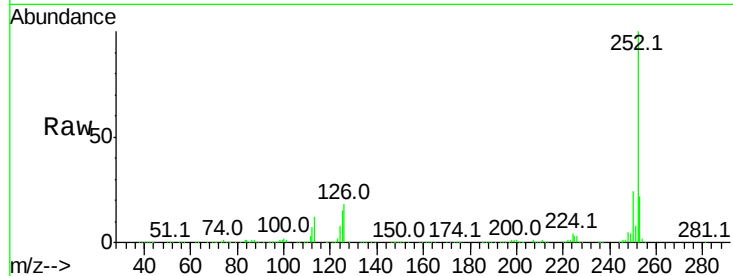




#89
Benzo(a)pyrene
Concen: 51.45 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

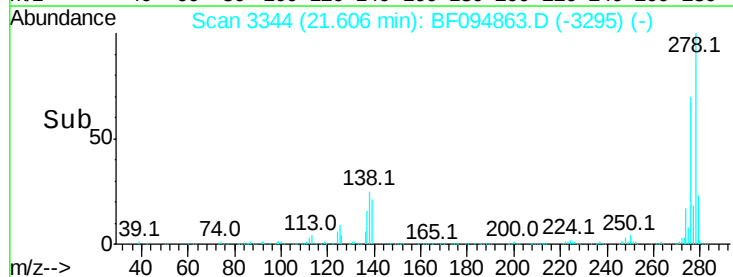
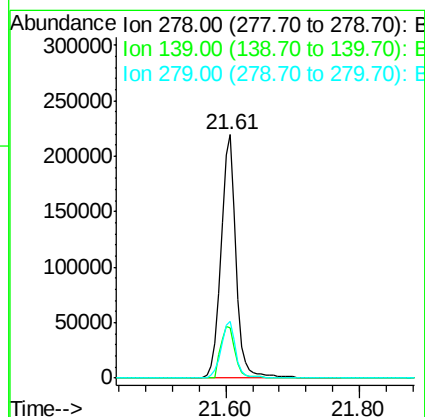
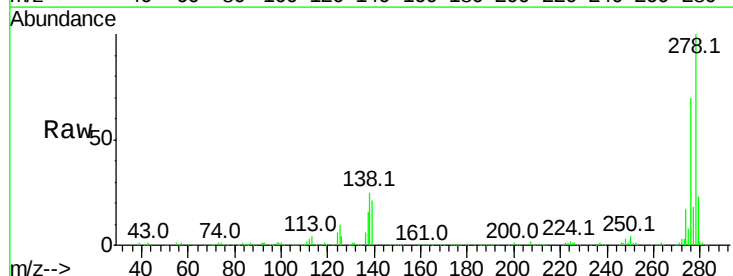
Instrument :
BNA_F
ClientSampled :

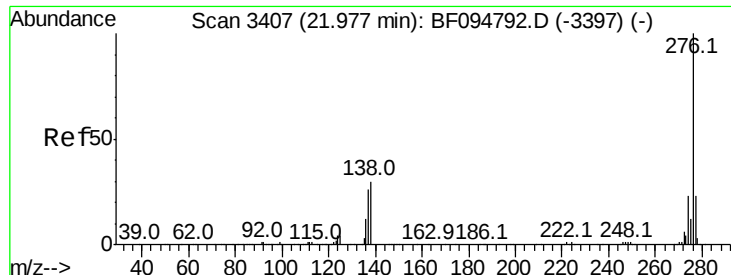
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.21 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094863.D
Acq: 4 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.6	24.8
279	23.5	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 46.30 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

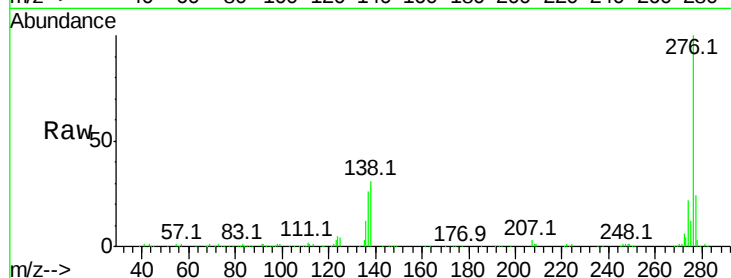
Lab File: BF094863.D

Acq: 4 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :



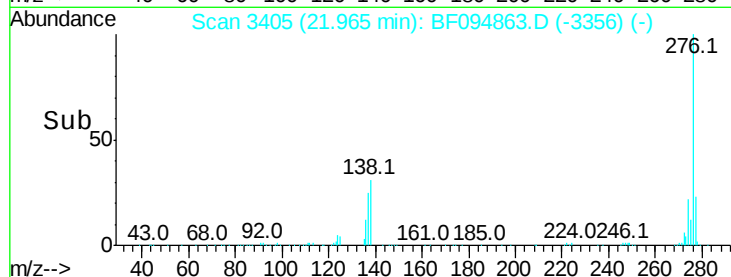
Tot Ion: 276 Resp: 336662

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.9 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

