

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094862.D
 Acq On : 4 May 2017 7:13
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 07:54:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	146257	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	574377	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	244077	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	402490	20.00	ng	0.00
75) Chrysene-d12	18.65	240	294589	20.00	ng	0.00
86) Perylene-d12	20.31	264	252581	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	731341	83.37	ng	-0.01
7) Phenol-d6	7.28	99	869472	82.60	ng	0.00
23) Nitrobenzene-d5	8.63	82	765068	83.99	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	160684	80.39	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1350869	79.66	ng	0.00
78) Terphenyl-d14	17.31	244	1094866	81.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	167434	38.92	ng	93
3) Pyridine	2.73	79	404912	40.61	ng	97
4) n-Nitrosodimethylamine	2.68	42	165129	39.73	ng	88
6) Aniline	7.23	93	562136	42.30	ng	96
8) 2-Chlorophenol	7.42	128	397657	39.83	ng	96
9) Benzaldehyde	7.03	77	250580	38.99	ng	98
10) Phenol	7.30	94	459559	41.43	ng	88
11) bis(2-Chloroethyl)ether	7.37	93	353329	38.59	ng	96
12) 1,3-Dichlorobenzene	7.63	146	453427	40.03	ng	98
13) 1,4-Dichlorobenzene	7.75	146	446837	38.90	ng	97
14) 1,2-Dichlorobenzene	7.99	146	420764	39.24	ng	96
15) Benzyl Alcohol	8.01	79	290367	42.89	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	511571	39.47	ng	66
17) 2-Methylphenol	8.22	107	336292	41.15	ng	96
18) Hexachloroethane	8.51	117	139886	35.95	ng	# 85
19) n-Nitroso-di-n-propylamine	8.44	70	295748	41.55	ng	94
20) 3+4-Methylphenols	8.48	107	460126	41.44	ng	# 63
22) Acetophenone	8.40	105	585678	42.50	ng	# 84
24) Nitrobenzene	8.66	77	389631	40.81	ng	95
25) Isophorone	9.06	82	672946	41.38	ng	95
26) 2-Nitrophenol	9.16	139	208525	40.48	ng	95
27) 2,4-Dimethylphenol	9.30	122	332361	39.90	ng	99
28) bis(2-Chloroethoxy)methane	9.43	93	448664	39.88	ng	100
29) 2,4-Dichlorophenol	9.58	162	322496	41.01	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	336165	39.90	ng	98
31) Naphthalene	9.78	128	1130635	39.17	ng	100
32) Benzoic acid	9.63	122	215822	40.37	ng	94
33) 4-Chloroaniline	9.91	127	445127	41.38	ng	94
34) Hexachlorobutadiene	10.00	225	164989	37.11	ng	97
35) Caprolactam	10.55	113	80884	34.25	ng	# 85
36) 4-Chloro-3-methylphenol	10.78	107	344045	40.92	ng	90
37) 2-Methylnaphthalene	10.91	142	741988	39.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	305042	40.64	ng	99
40) Hexachlorocyclopentadiene	11.17	237	30520	15.00	ng	96

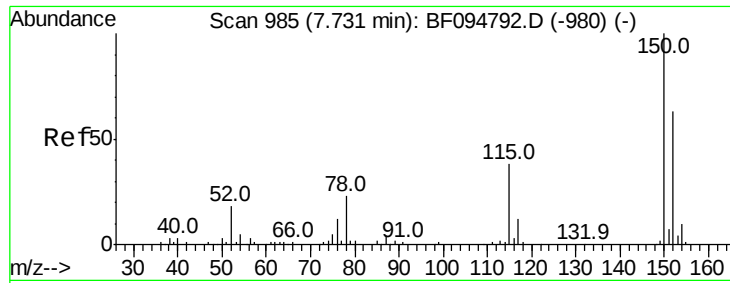
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
 Data File : BF094862.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	211124	42.13	nq	97
43) 2,4,5-Trichlorophenol	11.48	196	228197	42.37	nq	92
45) 1,1'-Biphenyl	11.68	154	837240	40.74	nq	98
46) 2-Chloronaphthalene	11.69	162	655032	39.48	nq	95
47) 2-Nitroaniline	11.90	65	192939	42.48	nq	# 81
48) Acenaphthylene	12.35	152	1028416	39.57	nq	99
49) Dimethylphthalate	12.22	163	844617	42.15	nq	99
50) 2,6-Dinitrotoluene	12.31	165	168151	41.13	nq	94
51) Acenaphthene	12.64	154	607387	39.13	nq	98
52) 3-Nitroaniline	12.58	138	185678	42.32	nq	89
53) 2,4-Dinitrophenol	12.78	184	38952	22.20	nq	# 68
54) Dibenzofuran	12.92	168	867536	40.38	nq	99
55) 4-Nitrophenol	12.95	139	109675	41.62	nq	# 76
56) 2,4-Dinitrotoluene	12.97	165	206666	39.34	nq	# 89
57) Fluorene	13.48	166	726743	38.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	144159	42.53	nq	# 95
59) Diethylphthalate	13.37	149	785593	40.90	nq	99
60) 4-Chlorophenyl-phenylether	13.50	204	317596	38.69	nq	91
61) 4-Nitroaniline	13.58	138	161462	40.09	nq	98
62) Azobenzene	13.76	77	614111	39.79	nq	93
64) 4,6-Dinitro-2-methylphenol	13.64	198	66145	24.51	nq	# 67
65) n-Nitrosodiphenylamine	13.71	169	625646	42.83	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	169499	39.86	nq	96
67) Hexachlorobenzene	14.37	284	167381	38.41	nq	# 87
68) Atrazine	14.62	200	167553	40.62	nq	94
69) Pentachlorophenol	14.71	266	76116	41.66	nq	99
70) Phenanthrene	15.02	178	906187	39.18	nq	99
71) Anthracene	15.10	178	923849	39.11	nq	99
72) Carbazole	15.38	167	831298	38.68	nq	98
73) Di-n-butylphthalate	15.95	149	1156145	43.13	nq	98
74) Fluoranthene	16.75	202	884485	37.28	nq	98
76) Benzidine	16.97	184	288215	37.80	nq	95
77) Pyrene	17.06	202	915713	41.56	nq	99
79) Butylbenzylphthalate	17.97	149	445125	43.44	nq	89
80) Benzo(a)anthracene	18.63	228	669860	39.07	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	240945	40.69	nq	# 95
82) Chrysene	18.68	228	656506	39.60	nq	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	576592	39.49	nq	# 99
84) Di-n-octyl phthalate	19.48	149	1004259	41.95	nq	96
85) Indeno(1,2,3-cd)pyrene	21.60	276	525398	39.03	nq	99
87) Benzo(b)fluoranthene	19.90	252	642126	41.14	nq	98
88) Benzo(k)fluoranthene	19.90	252	642126	42.65	nq	97
89) Benzo(a)pyrene	20.25	252	551160	38.27	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	460630	38.73	nq	98
91) Benzo(g,h,i)perylene	21.97	276	437157	37.45	nq	97

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

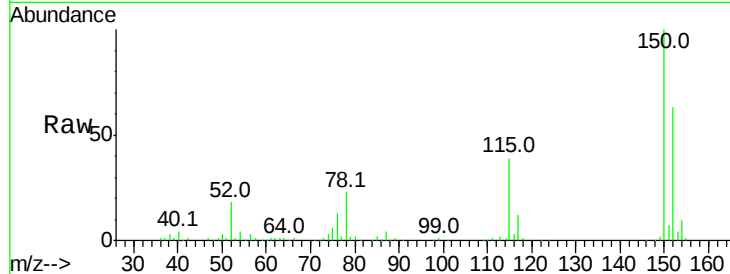


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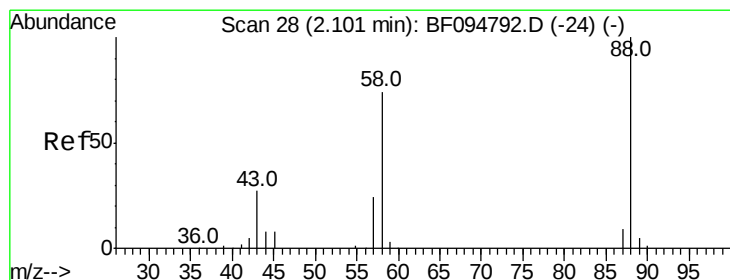
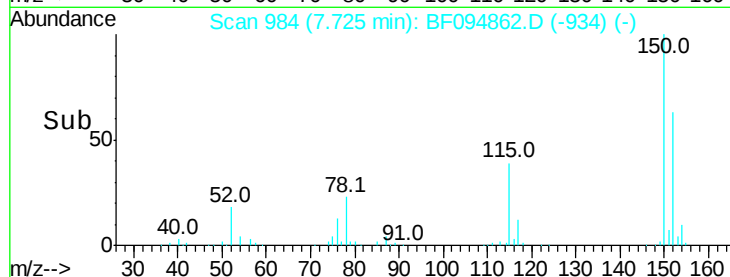
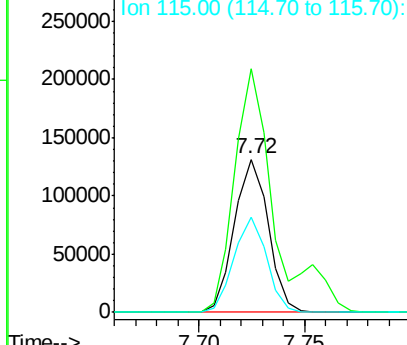
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 146257
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 61.8 52.2 78.2



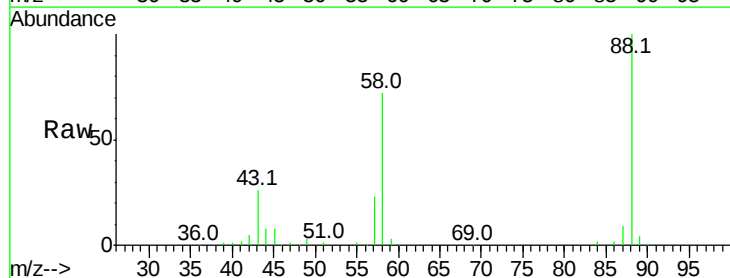
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



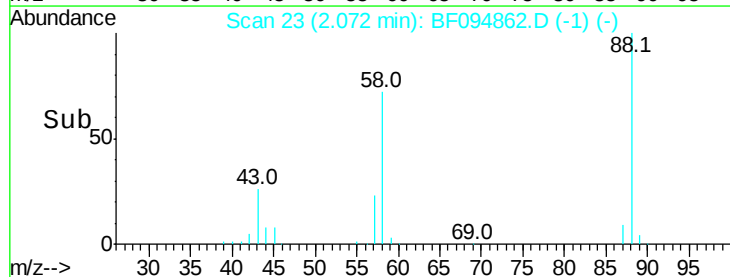
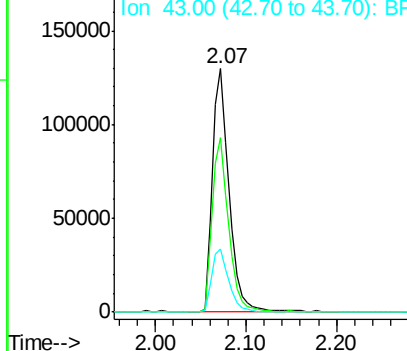
#2

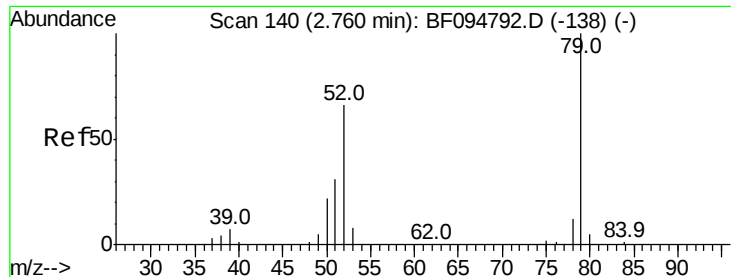
1,4-Dioxane
 Concen: 38.92 ng
 RT: 2.07 min Scan# 23
 Delta R.T. -0.03 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion: 88 Resp: 167434
 Ion Ratio Lower Upper
 88 100
 58 70.4 61.4 92.0
 43 26.4 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: 40.61 ng

RT: 2.73 min Scan# 135

Delta R.T. -0.03 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampled :

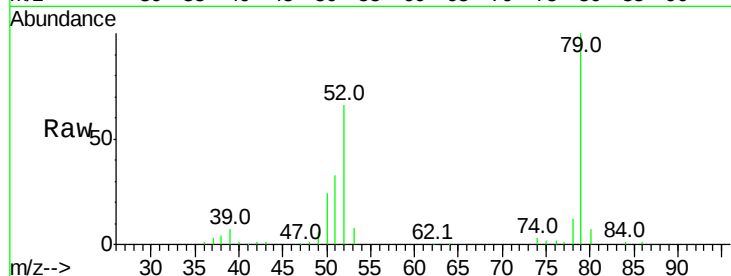
Tot Ion: 79 Resp: 404912

Ion Ratio Lower Upper

79 100

52 66.1 54.8 82.2

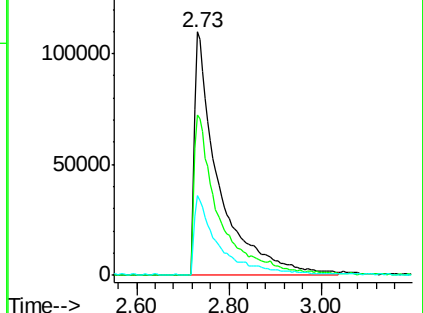
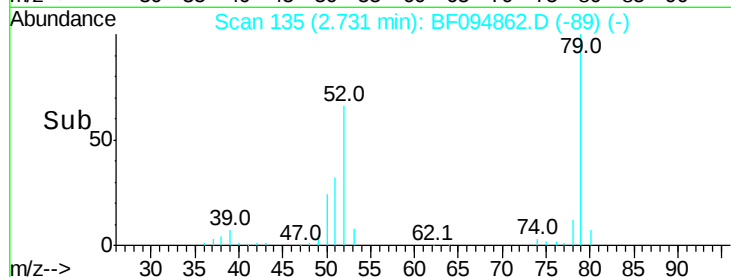
51 32.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.73 ng

RT: 2.68 min Scan# 126

Delta R.T. -0.02 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

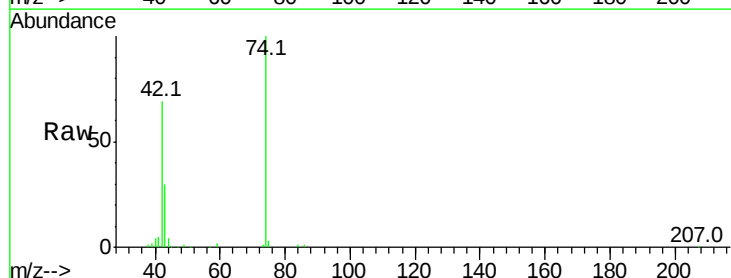
Tgt Ion: 42 Resp: 165129

Ion Ratio Lower Upper

42 100

74 144.1 103.9 155.9

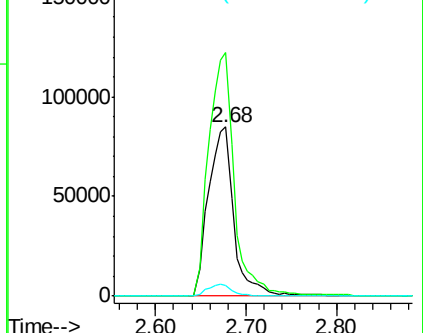
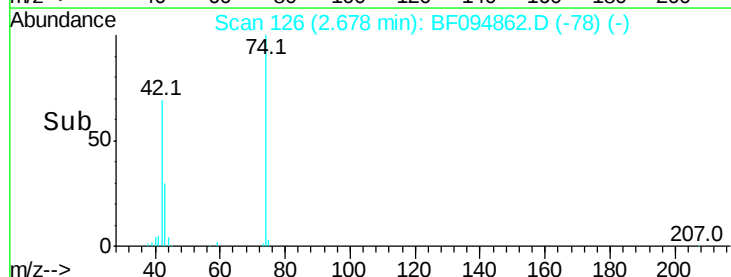
44 6.2 5.7 8.5

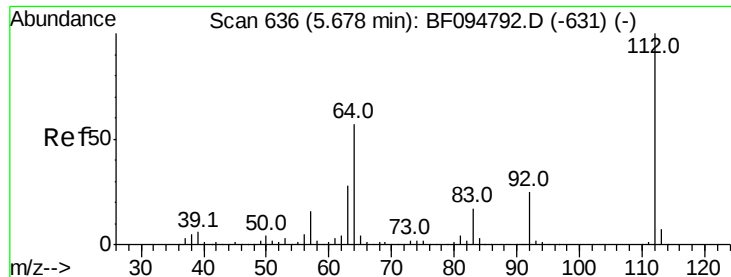


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.37 ng

RT: 5.67 min Scan# 634

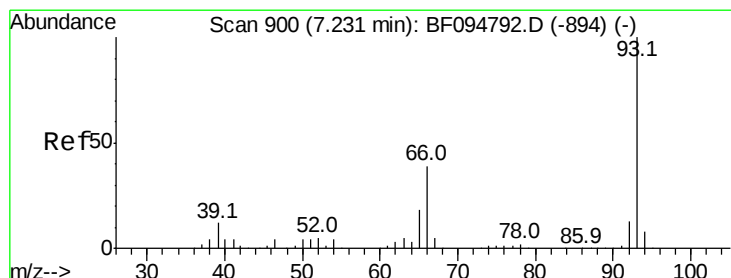
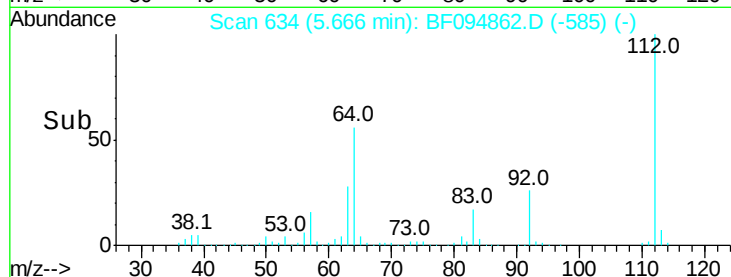
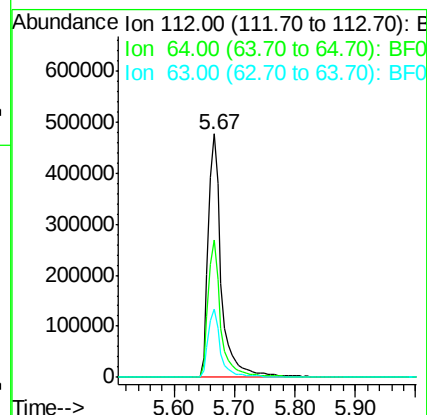
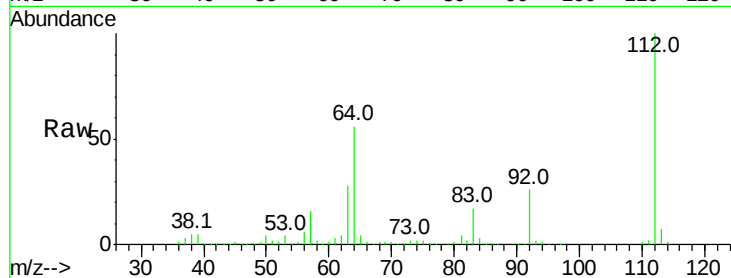
Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	731341
Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	27.9	23.4	35.0



#6

Aniline

Concen: 42.30 ng

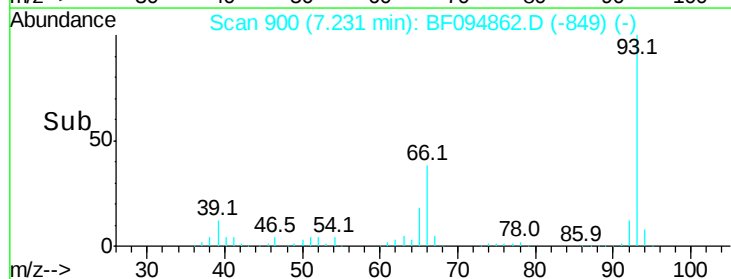
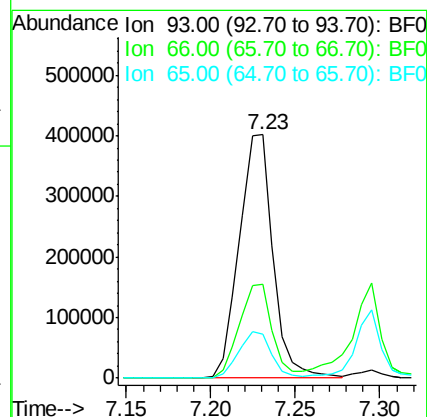
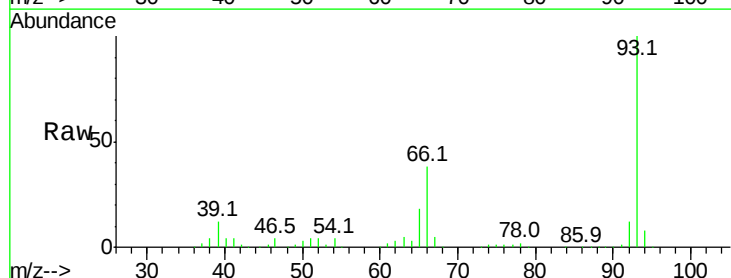
RT: 7.23 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Tgt Ion:	93	Resp:	562136
Ion	Ratio	Lower	Upper
93	100		
66	38.5	32.9	49.3
65	18.3	16.0	24.0





#7

Phenol-d6

Concen: 82.60 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

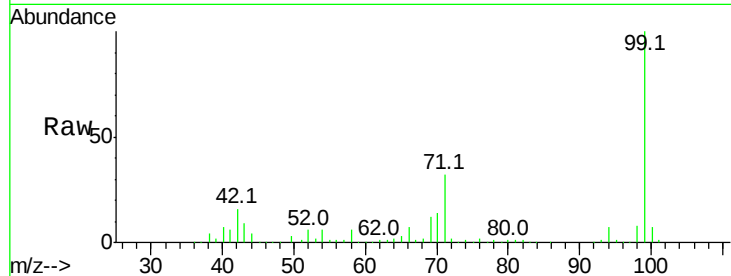
Tot Ion: 99 Resp: 869472

Ion Ratio Lower Upper

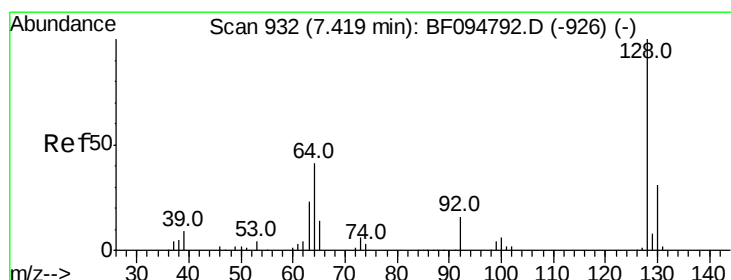
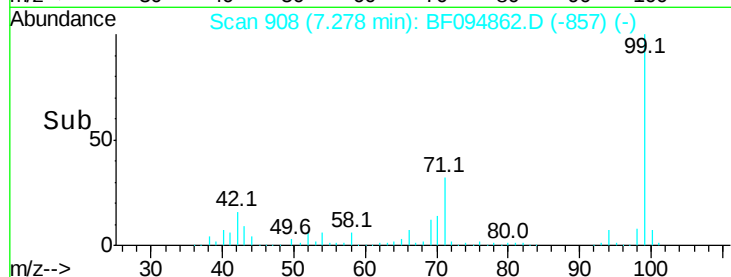
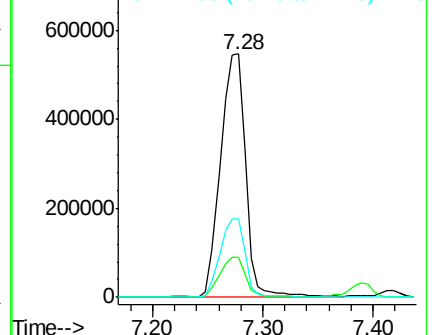
99 100

42 16.4 13.5 20.3

71 32.1 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: 39.83 ng

RT: 7.42 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

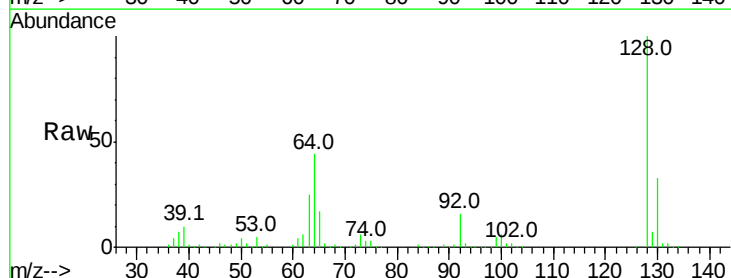
Tgt Ion: 128 Resp: 397657

Ion Ratio Lower Upper

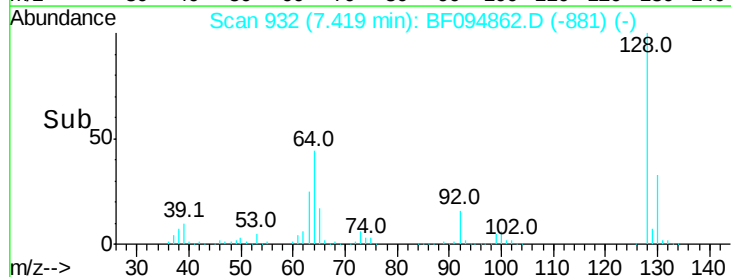
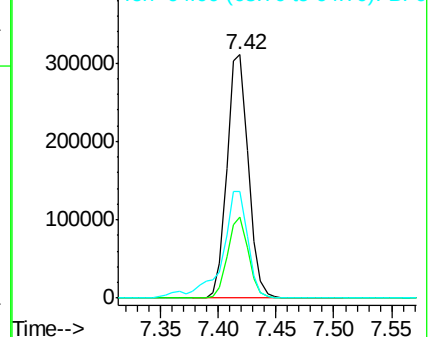
128 100

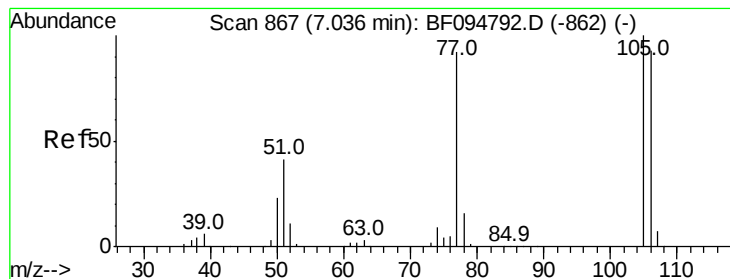
130 33.1 12.9 52.9

64 43.9 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.99 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampled :

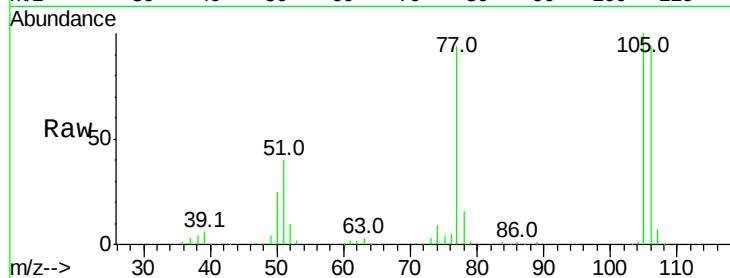
Tot Ion: 77 Resp: 250580

Ion Ratio Lower Upper

77 100

105 106.6 83.8 123.8

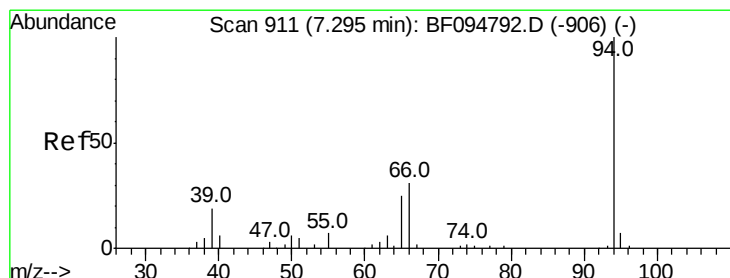
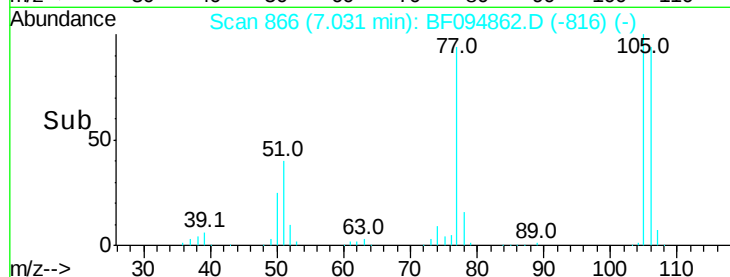
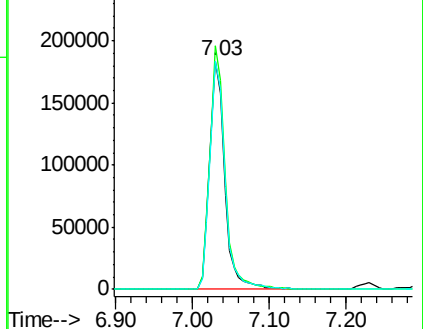
106 99.7 79.1 119.1



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: 41.43 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

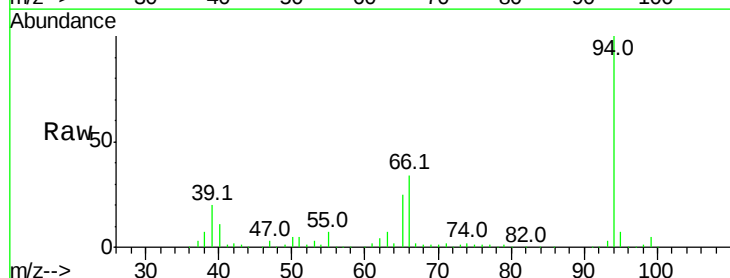
Tgt Ion: 94 Resp: 459559

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

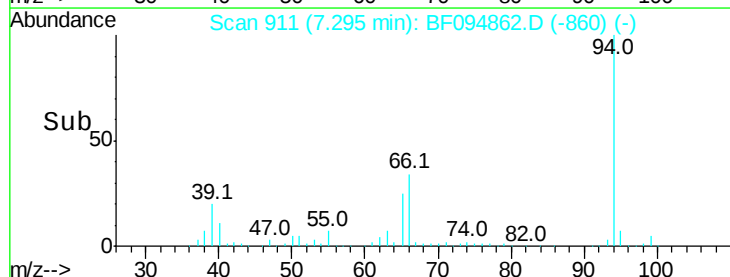
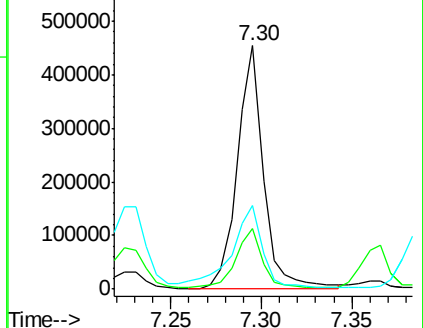
66 34.5 23.1 63.1



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

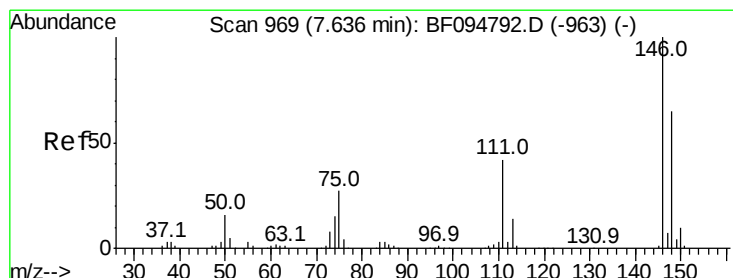
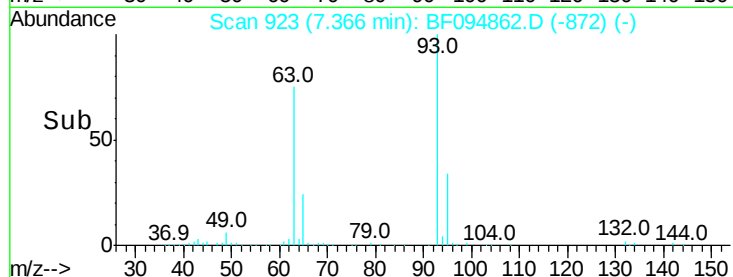
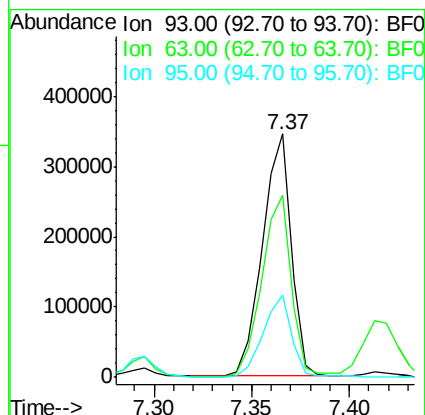
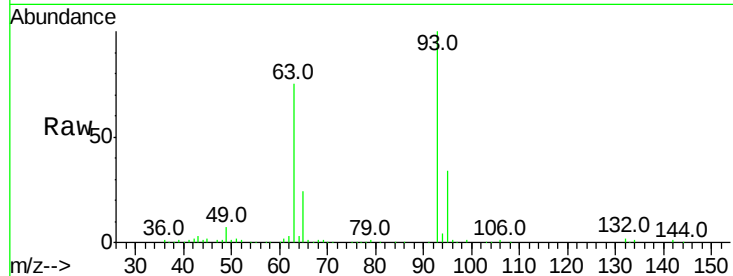




#11
bis(2-Chloroethyl)ether
Concen: 38.59 ng
RT: 7.37 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

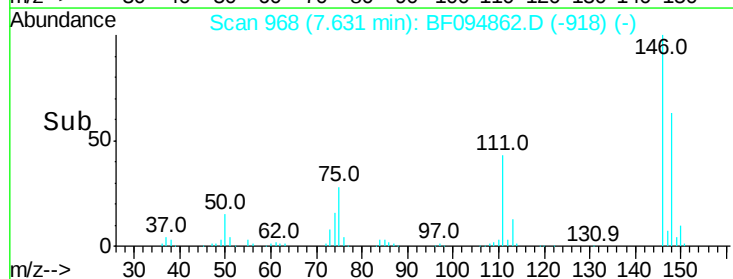
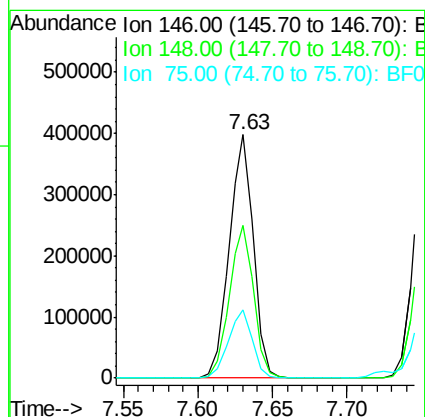
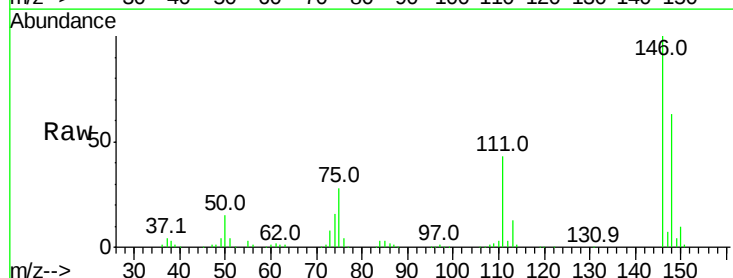
Instrument :
BNA_F
ClientSampleId :

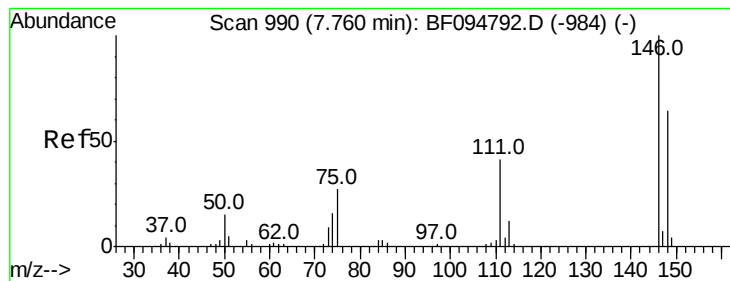
Tot Ion: 93 Resp: 353329
Ion Ratio Lower Upper
93 100
63 74.7 59.2 99.2
95 33.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.03 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion: 146 Resp: 453427
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.90 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampled :

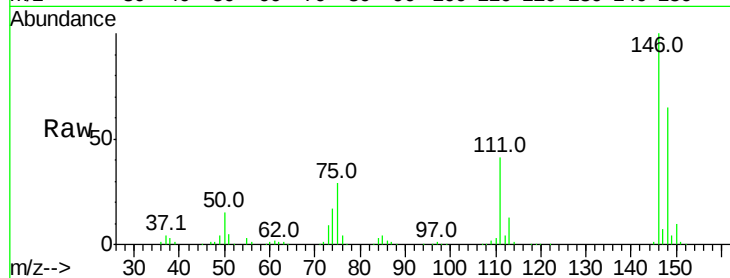
Tot Ion:146 Resp: 446837

Ion Ratio Lower Upper

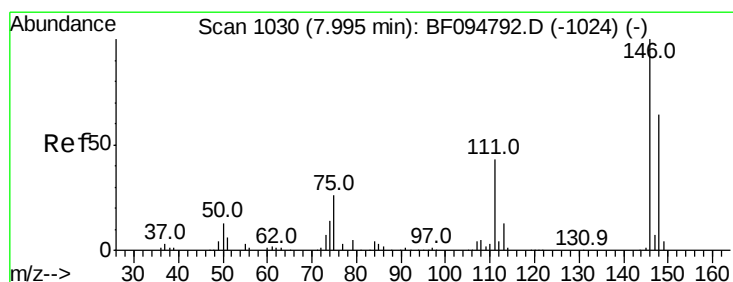
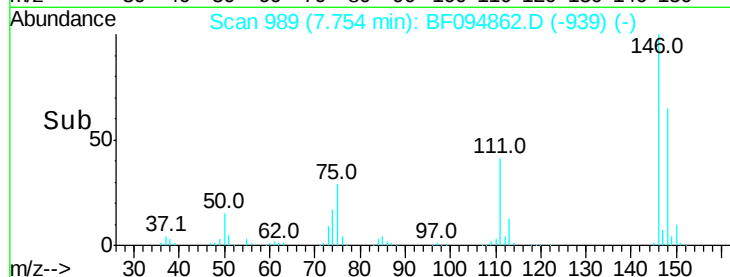
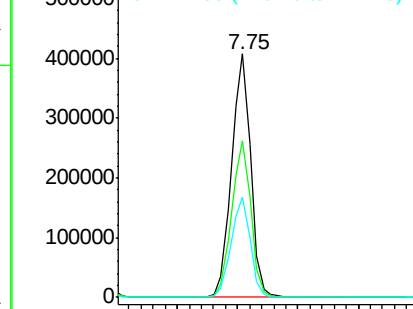
146 100

148 64.5 52.2 78.2

111 41.3 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.24 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

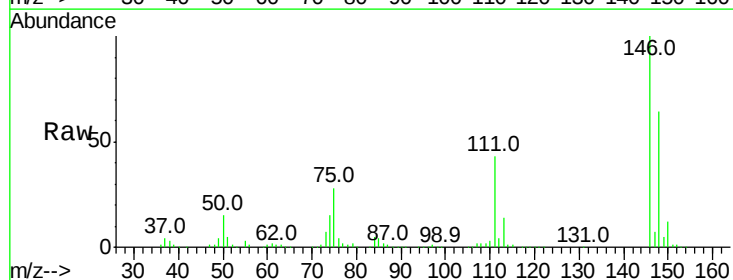
Tgt Ion:146 Resp: 420764

Ion Ratio Lower Upper

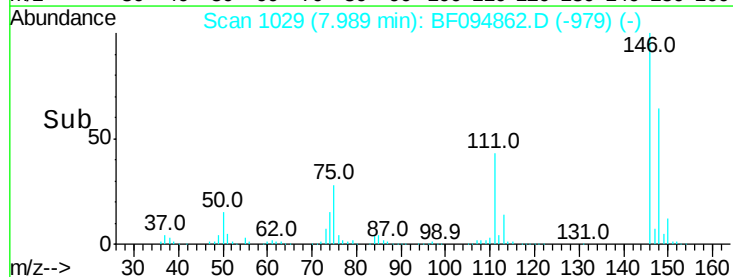
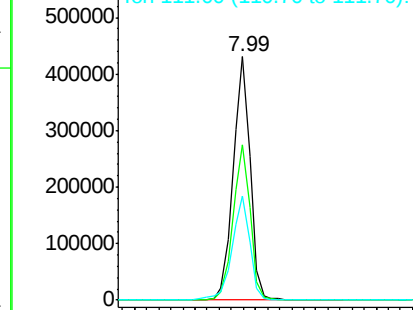
146 100

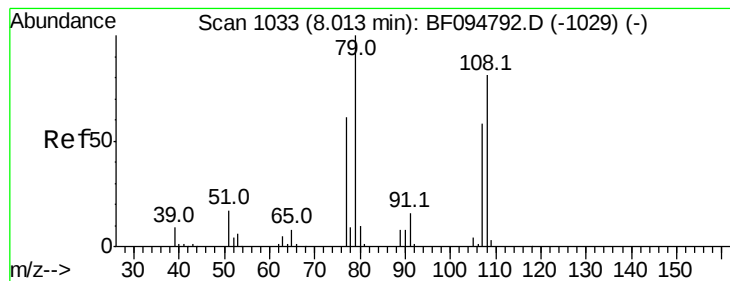
148 63.7 50.4 75.6

111 42.7 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 42.89 ng

RT: 8.01 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

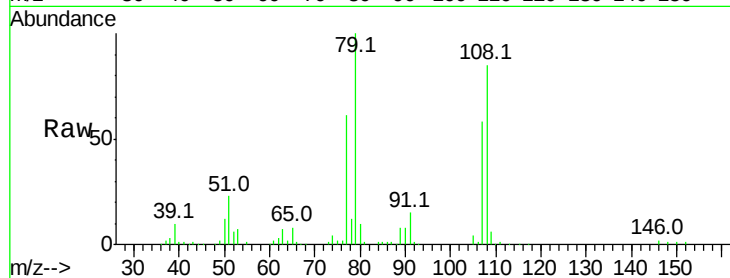
Tot Ion: 79 Resp: 290367

Ion Ratio Lower Upper

79 100

108 85.2 63.4 95.0

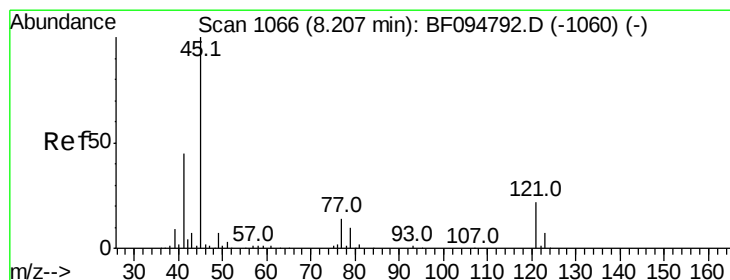
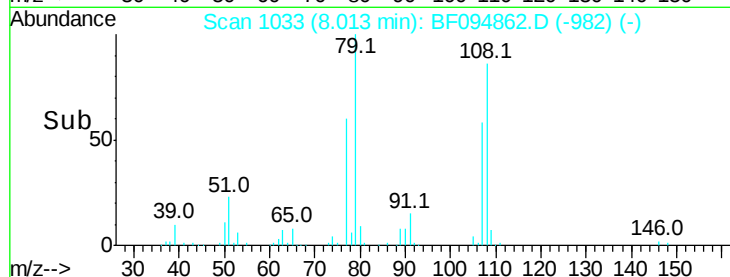
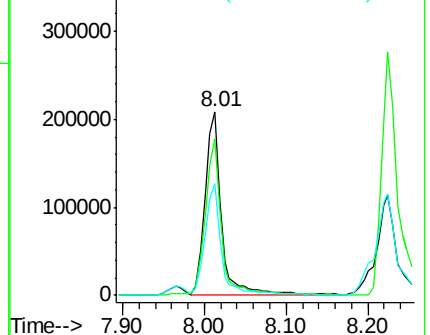
77 60.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.47 ng

RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

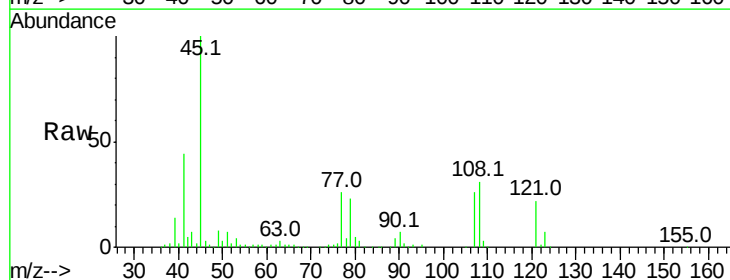
Tgt Ion: 45 Resp: 511571

Ion Ratio Lower Upper

45 100

77 26.1 0.0 33.2

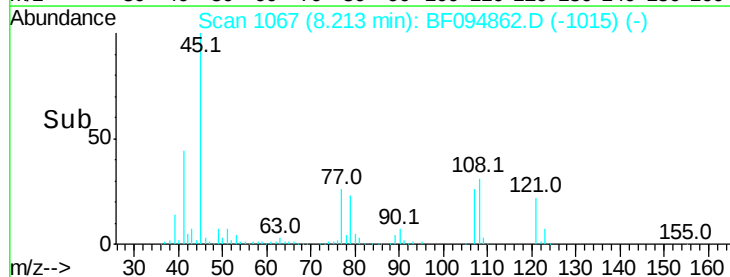
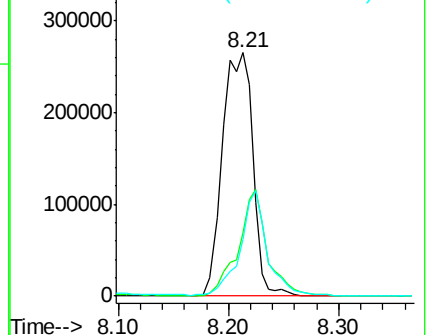
79 23.2 0.0 30.0

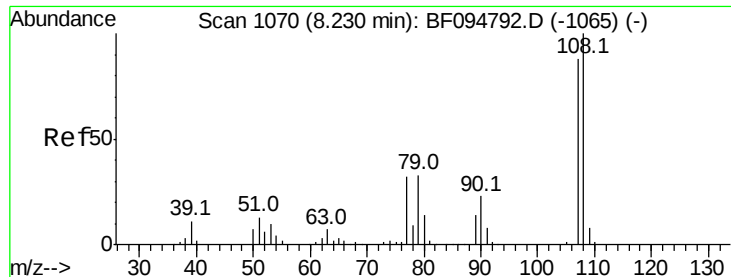


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

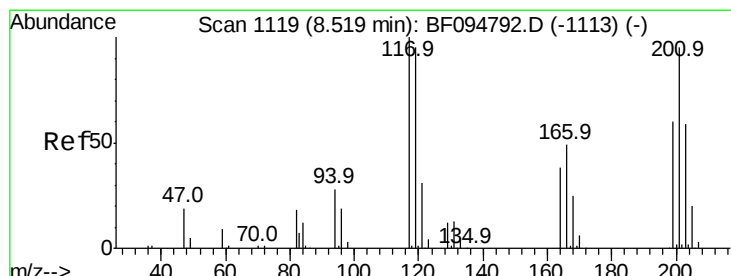
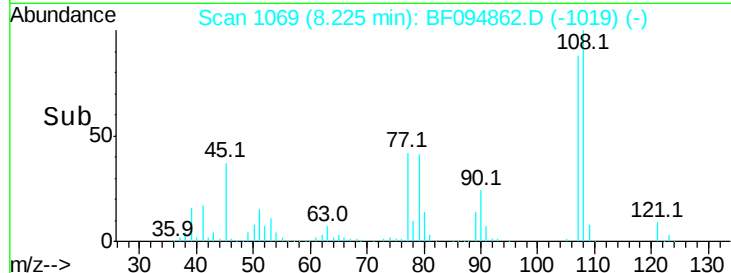
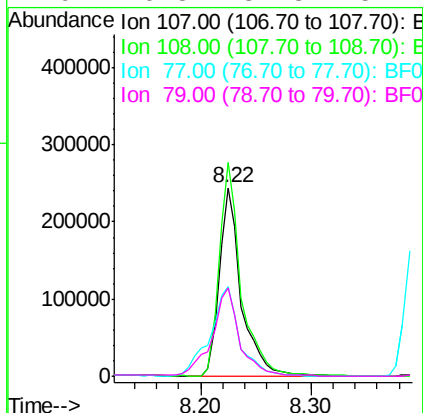
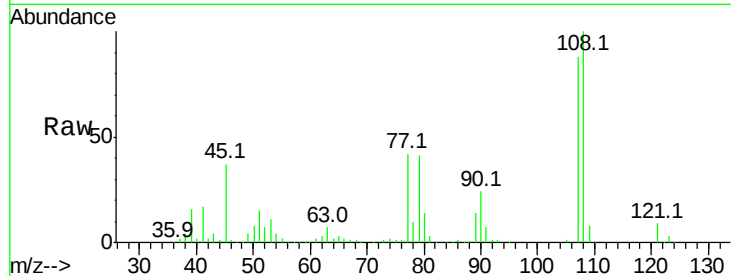




#17
2-Methylphenol
Concen: 41.15 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

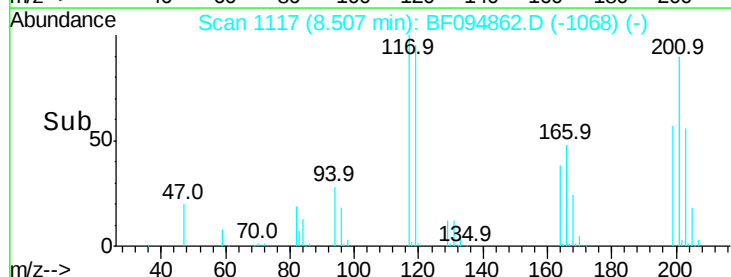
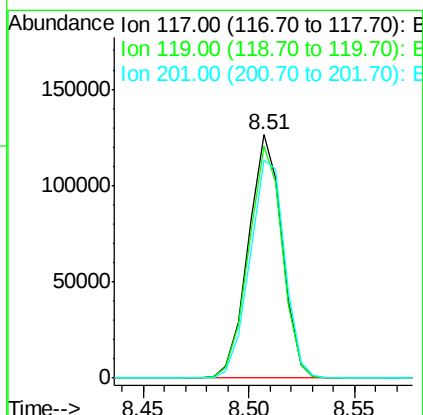
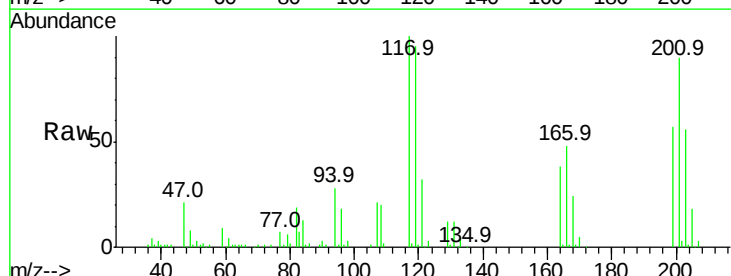
Instrument :
BNA_F
ClientSampleId :

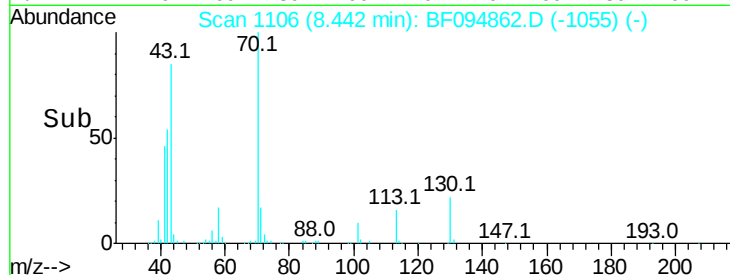
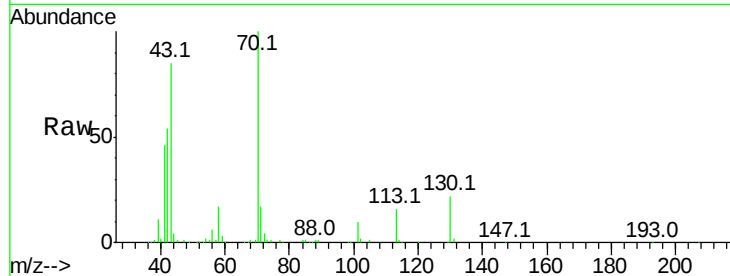
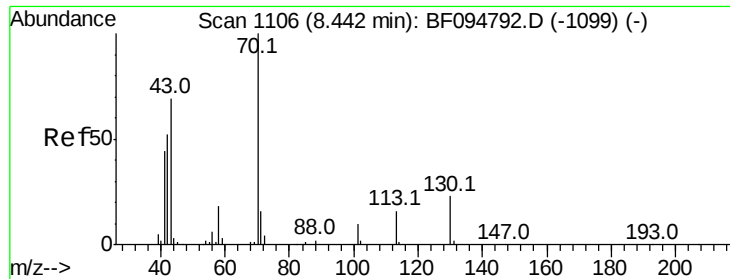
Tot Ion:107 Resp: 336292
Ion Ratio Lower Upper
107 100
108 113.3 93.4 140.0
77 47.3 35.8 53.6
79 46.8 34.8 52.2



#18
Hexachloroethane
Concen: 35.95 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:117 Resp: 139886
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 89.7 94.6 141.8#

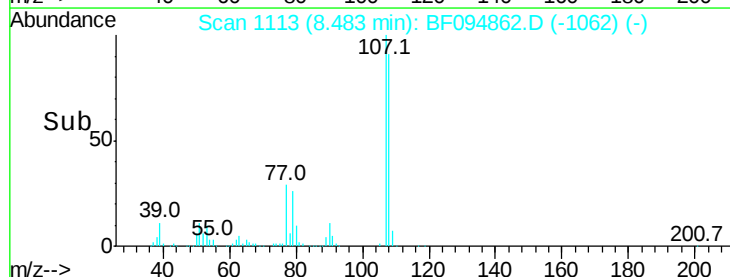
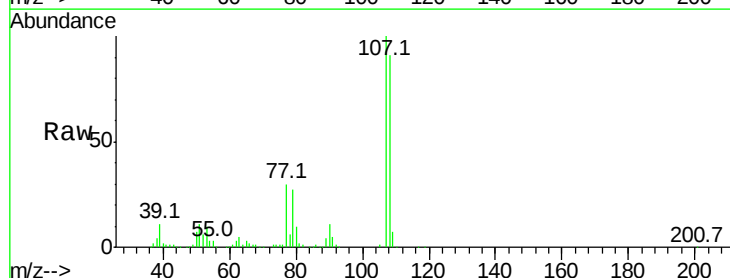
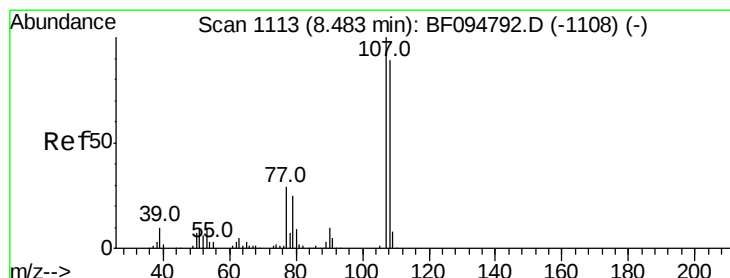
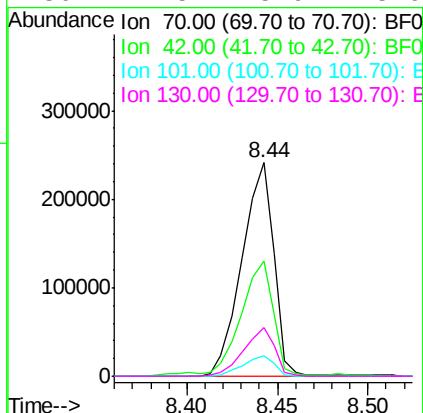




#19
n-Nitroso-di-n-propylamine
Concen: 41.55 ng
RT: 8.44 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

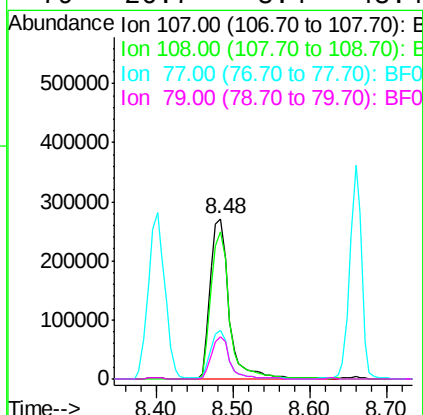
Instrument :
BNA_F
ClientSampleId :

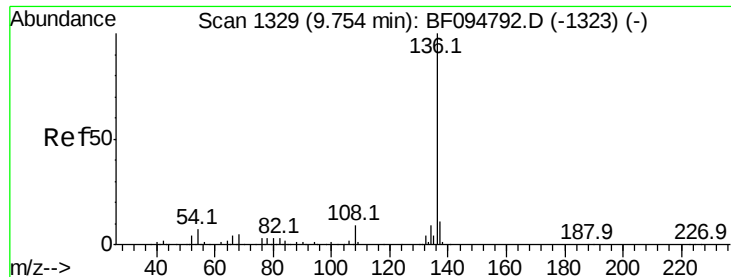
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	47.2	70.8	
101	9.7	7.2	10.8	
130	22.5	15.9	23.9	



#20
3+4-Methylphenols
Concen: 41.44 ng
RT: 8.48 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	71.0	111.0	
77	30.4	90.5	130.5#	
79	26.7	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1328

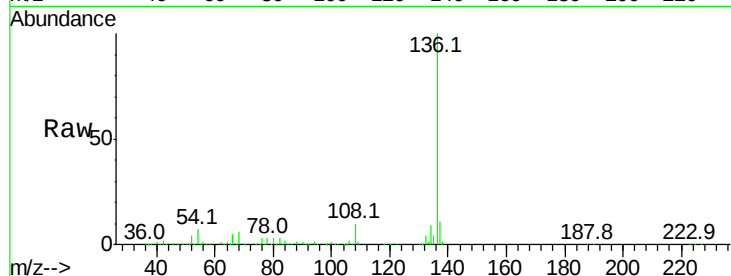
Delta R.T. -0.01 min

Lab File: BF094862.D

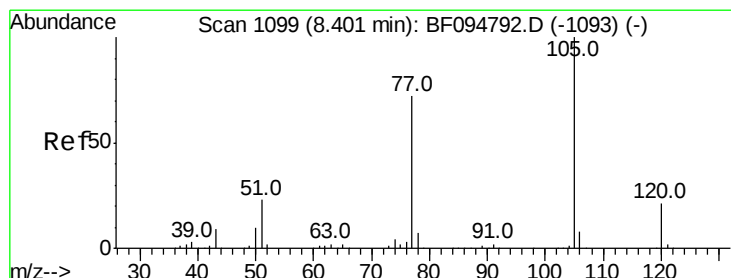
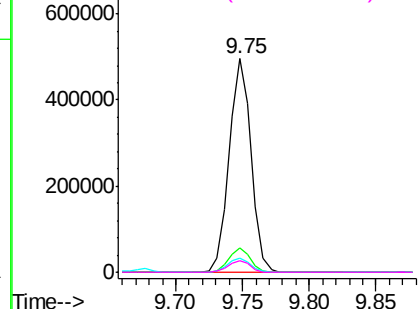
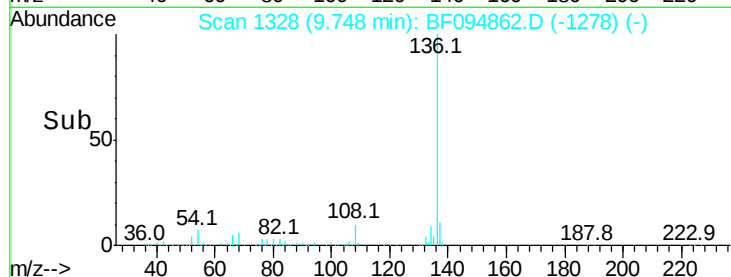
Acq: 4 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 574377
Ion Ratio	Lower Upper
136 100	
137 11.3	8.5 12.7
54 6.8	4.9 7.3
68 5.5	4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.50 ng

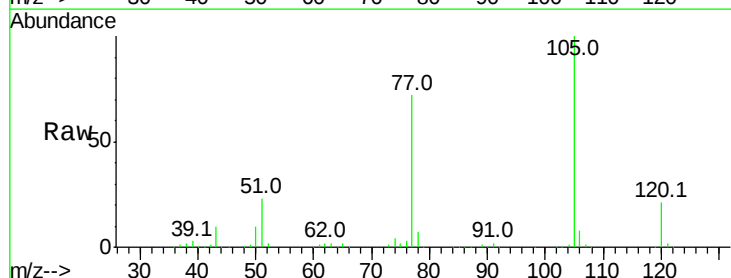
RT: 8.40 min Scan# 1099

Delta R.T. -0.00 min

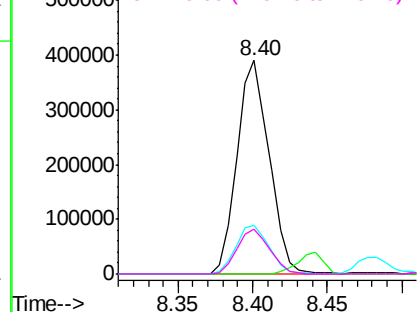
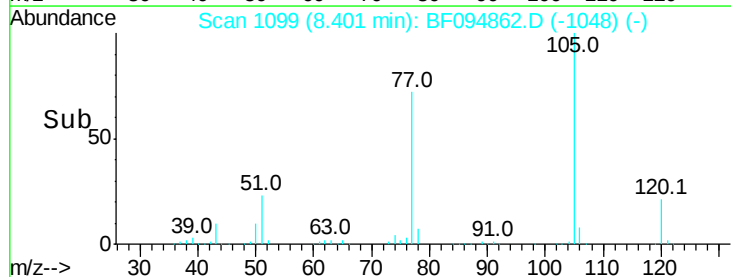
Lab File: BF094862.D

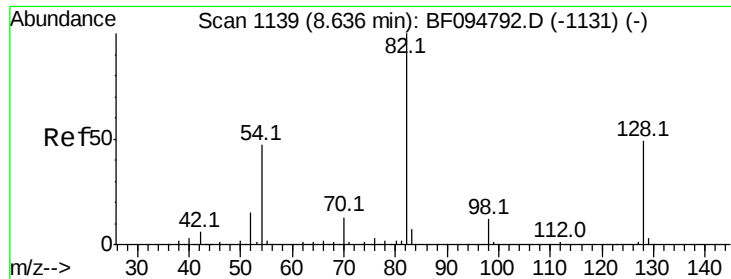
Acq: 4 May 2017 7:13

Tgt Ion:105	Resp: 585678
Ion Ratio	Lower Upper
105 100	
71 0.0	2.8 4.2#
51 22.9	30.7 46.1#
120 21.2	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

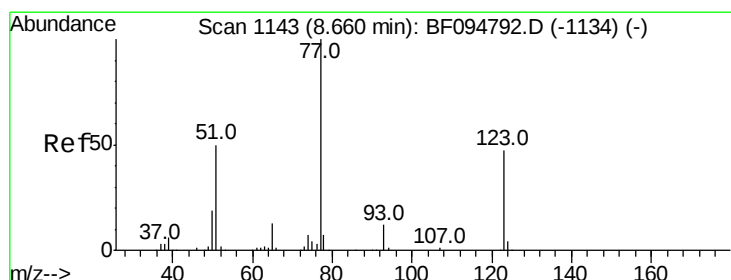
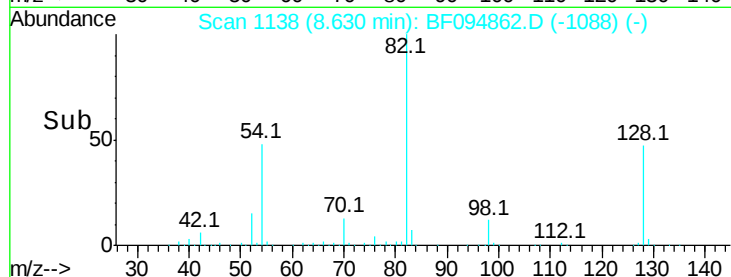
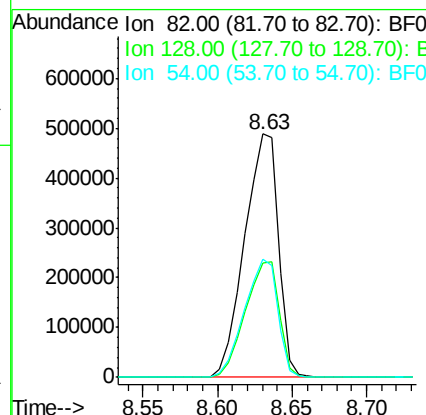
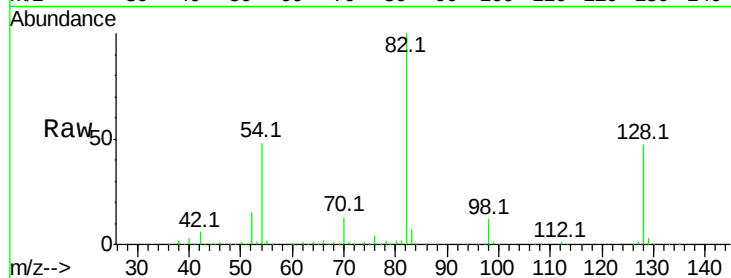




#23
 Nitrobenzene-d5
 Concen: 83.99 ng
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

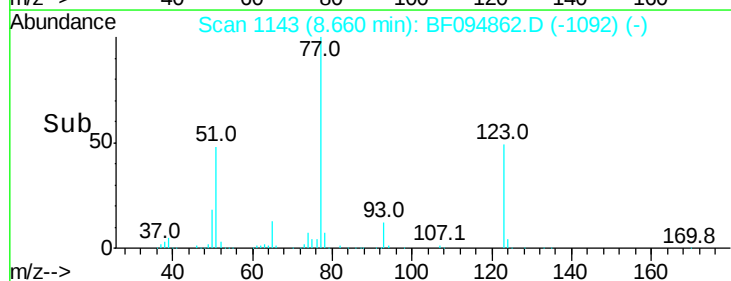
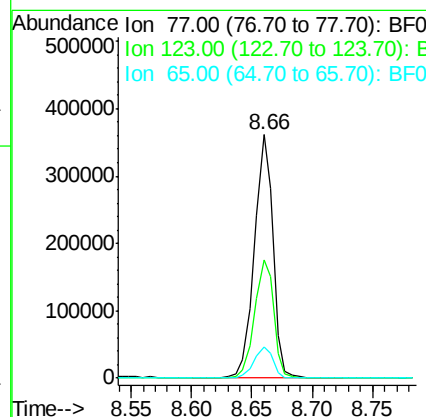
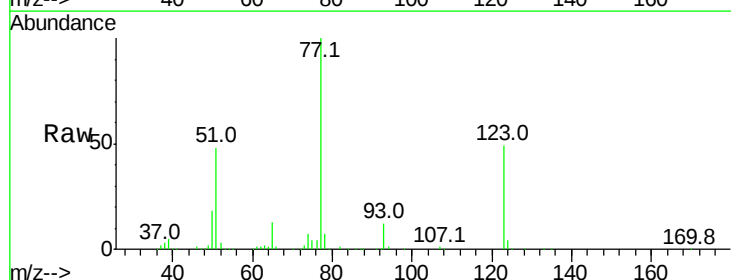
Instrument :
 BNA_F
 ClientSampleId :

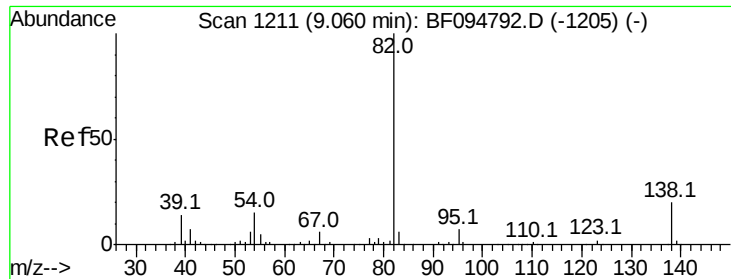
Tot Ion	82	Resp	765068
Ion Ratio	100	Lower	Upper
128	46.7	34.0	51.0
54	48.3	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.81 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion	77	Resp	389631
Ion Ratio	100	Lower	Upper
123	48.8	35.8	53.8
65	12.6	10.6	15.8

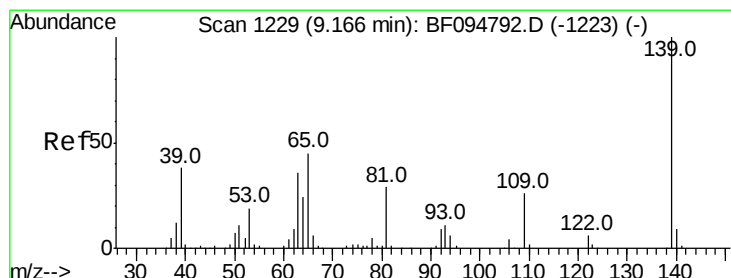
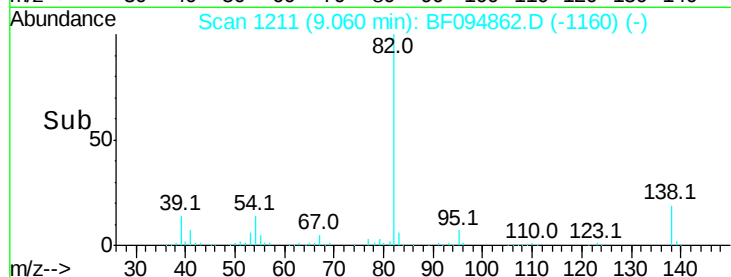
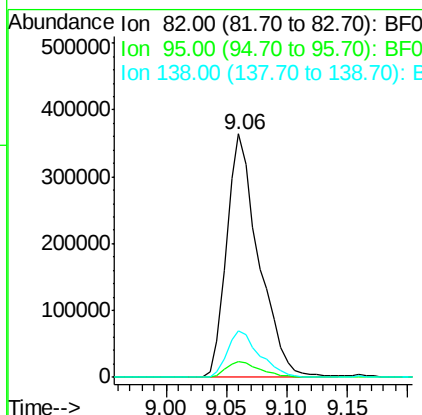
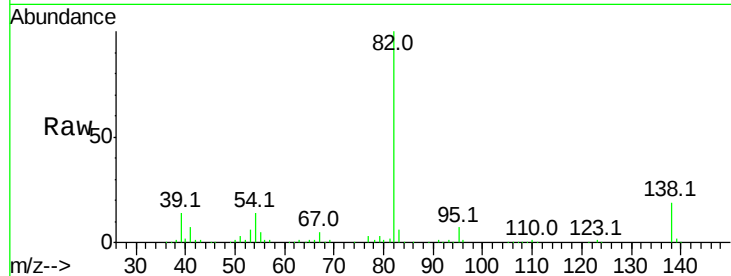




#25
Isophorone
Concen: 41.38 ng
RT: 9.06 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

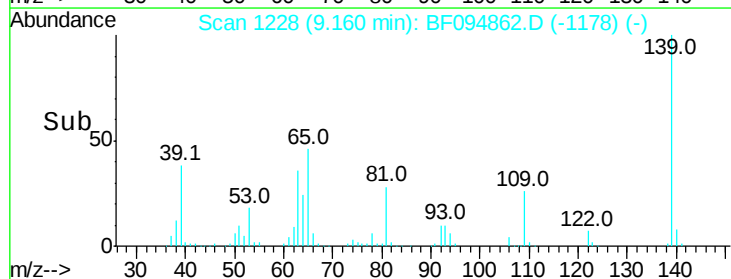
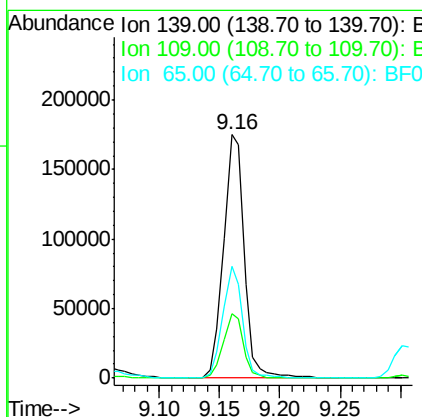
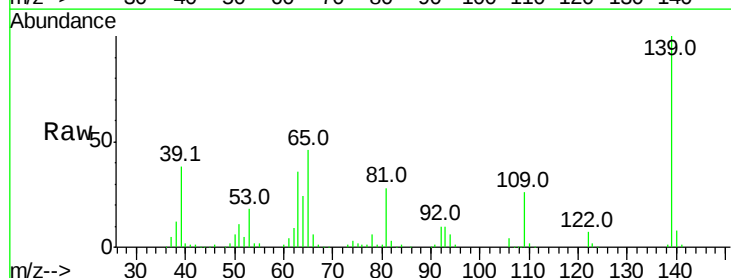
Instrument :
BNA_F
ClientSampled :

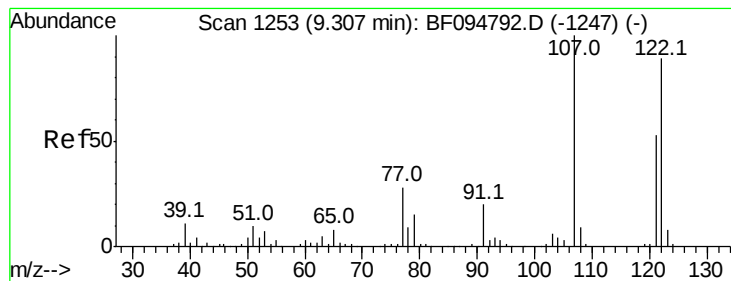
Tot Ion: 82 Resp: 672946
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 19.1 13.1 19.7



#26
2-Nitrophenol
Concen: 40.48 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:139 Resp: 208525
Ion Ratio Lower Upper
139 100
109 26.3 21.0 31.6
65 45.9 33.0 49.6

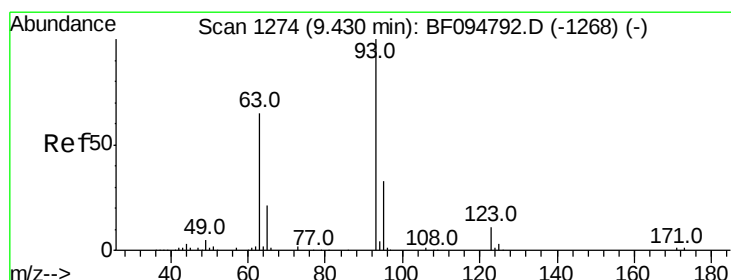
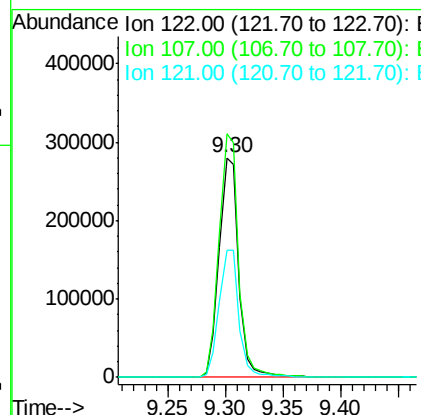
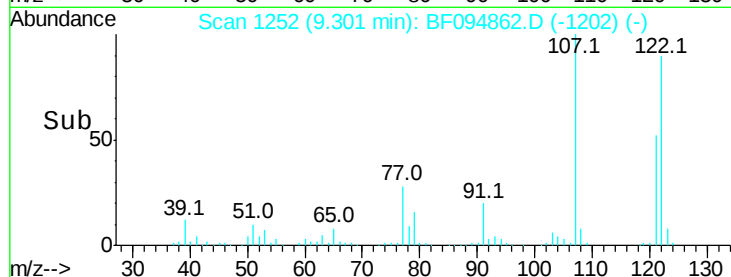
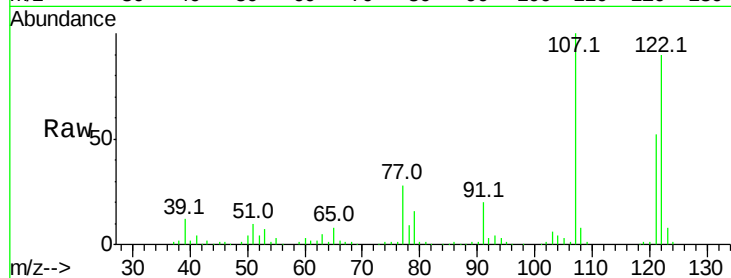




#27
 2,4-Dimethylphenol
 Concen: 39.90 ng
 RT: 9.30 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

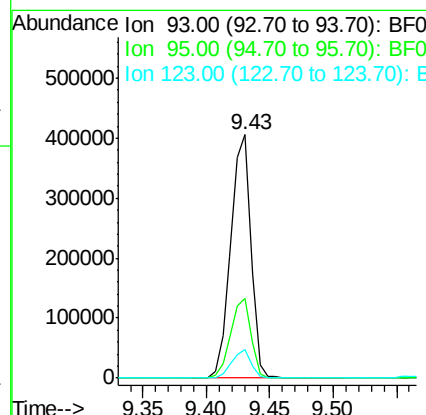
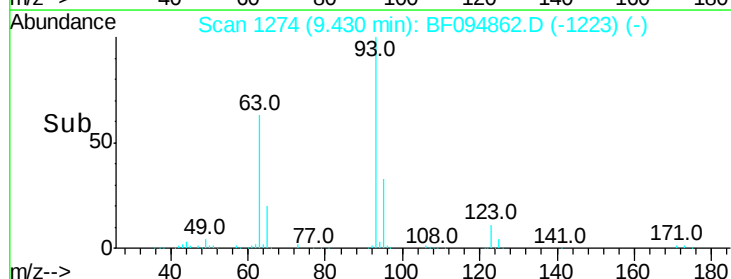
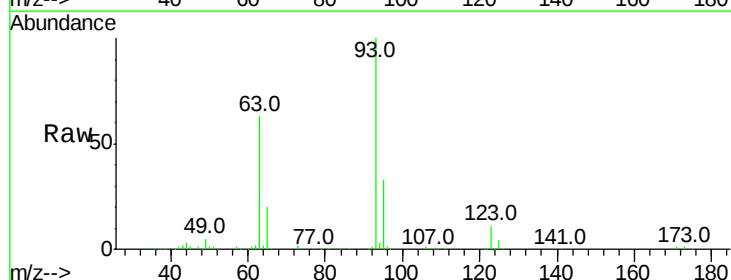
Instrument :
 BNA_F
 ClientSampleId :

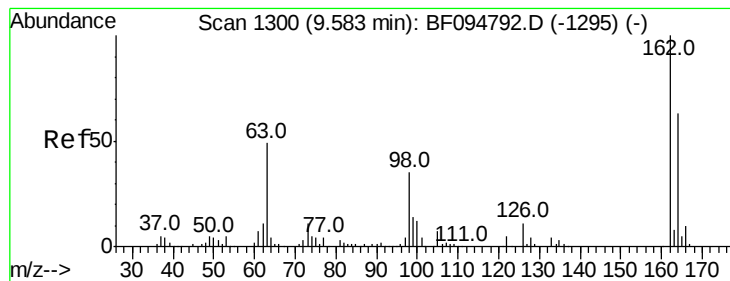
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	89.2	133.8
121	57.6	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.88 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.5	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 41.01 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampled :

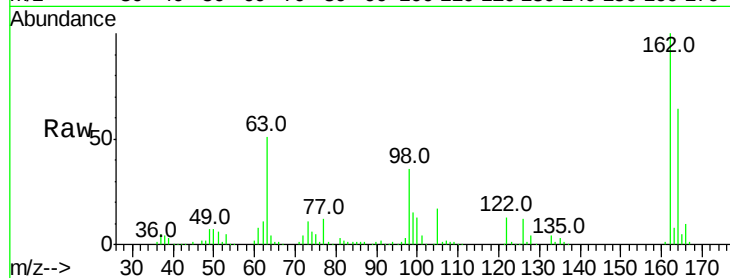
Tot Ion:162 Resp: 322496

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

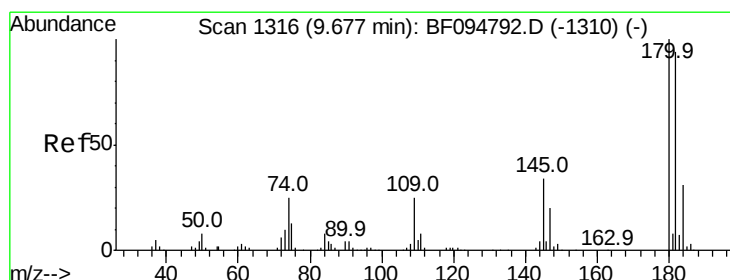
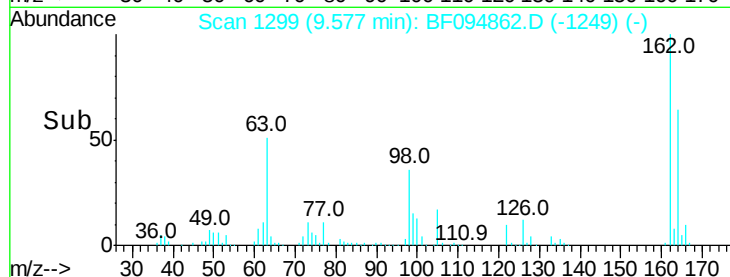
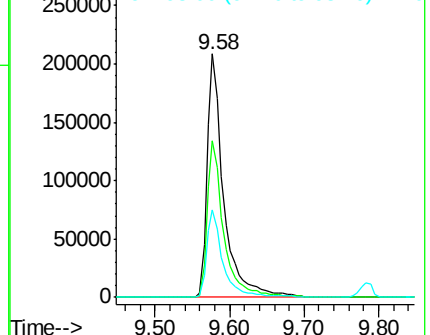
98 36.2 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.90 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

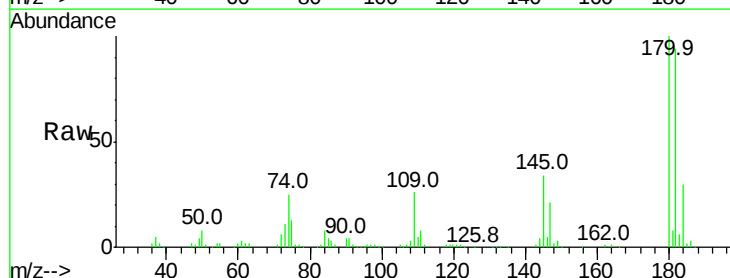
Tgt Ion:180 Resp: 336165

Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

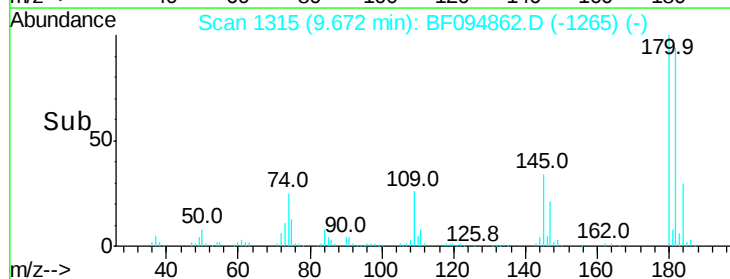
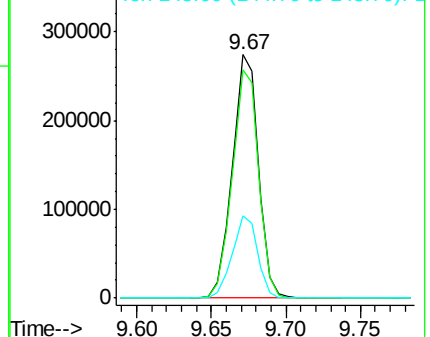
145 34.1 25.3 37.9

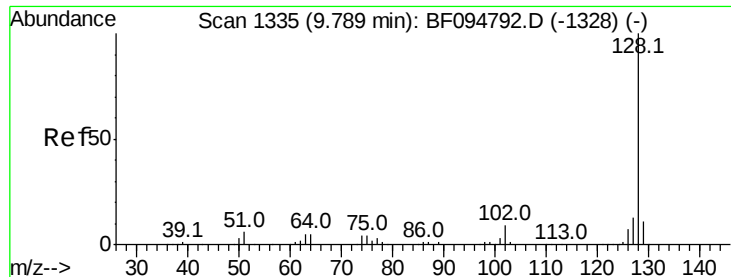


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

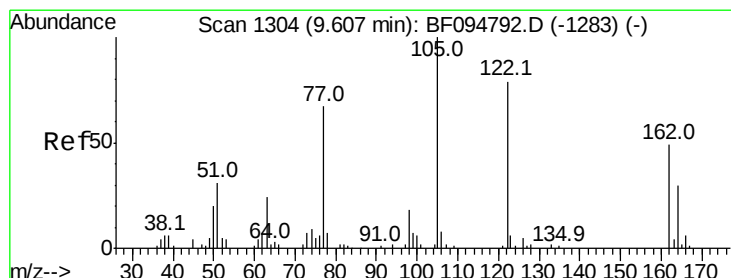
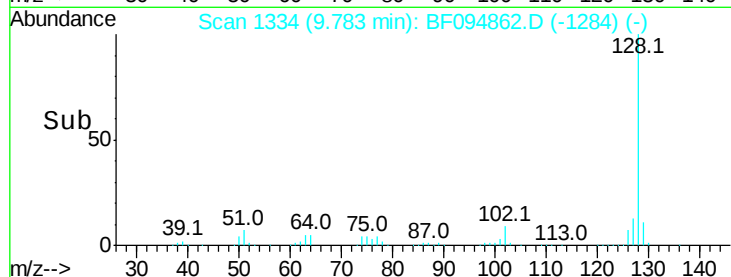
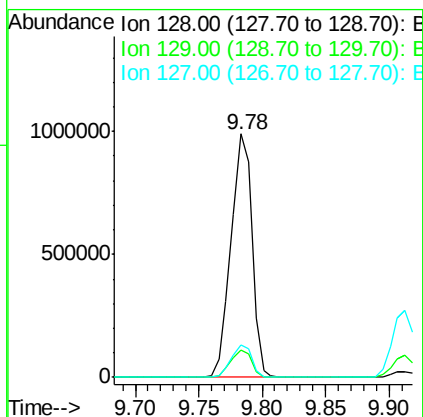
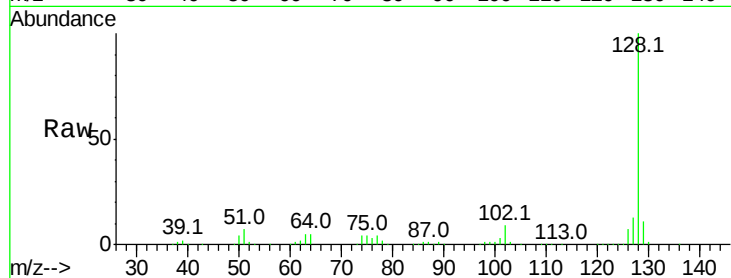




#31
Naphthalene
Concen: 39.17 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

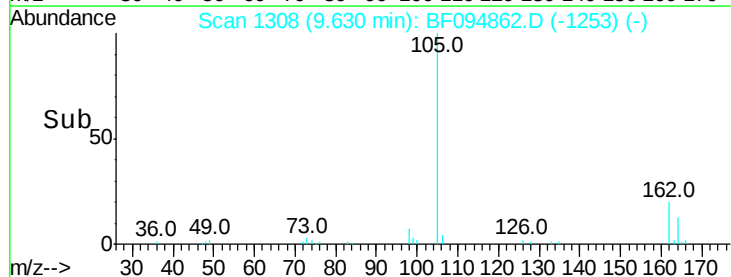
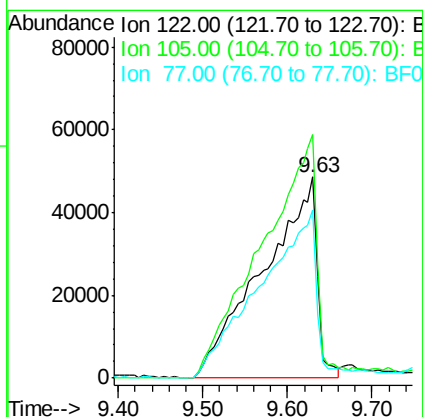
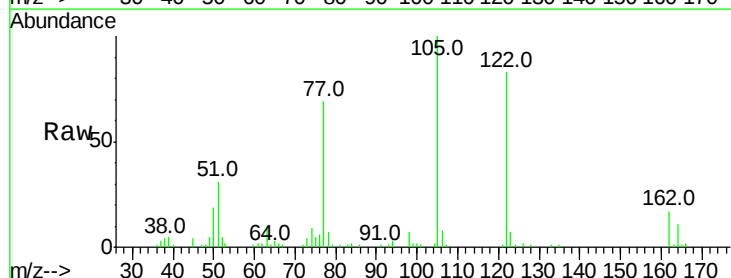
Instrument :
BNA_F
ClientSampleId :

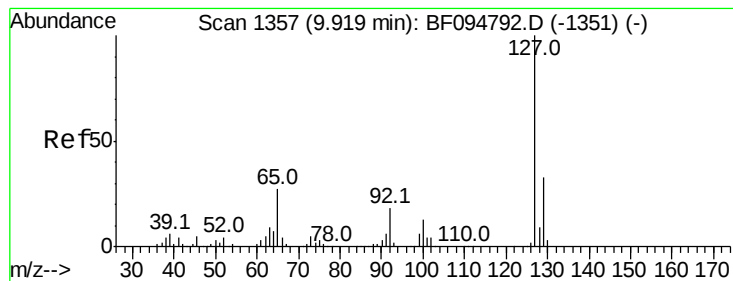
Tot Ion:128 Resp: 1130635
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 40.37 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:122 Resp: 215822
Ion Ratio Lower Upper
122 100
105 121.1 103.3 143.3
77 83.5 73.7 113.7





#33

4-Chloroaniline

Concen: 41.38 ng

RT: 9.91 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF094862.D

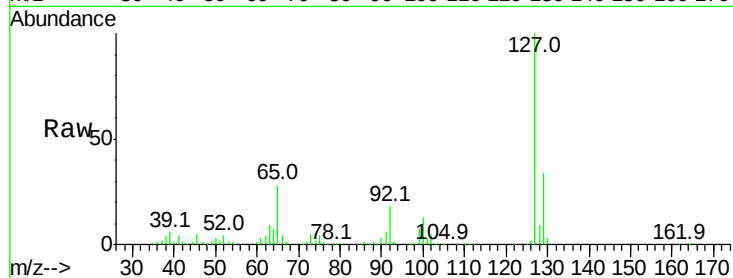
Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	445127
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	28.2	27.8	41.8
92	18.4	16.8	25.2

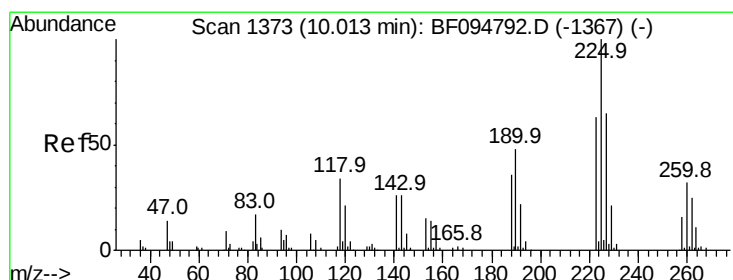
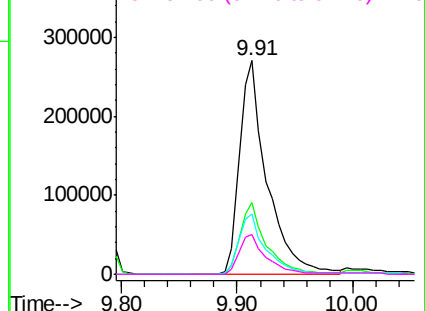
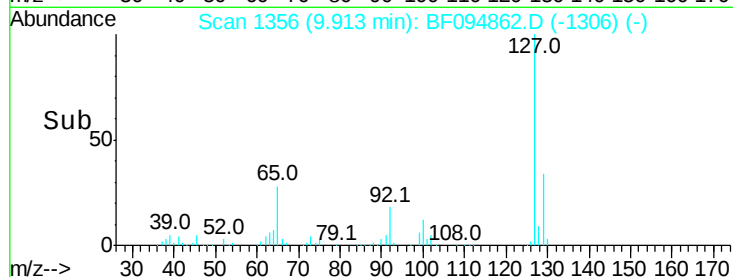


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.11 ng

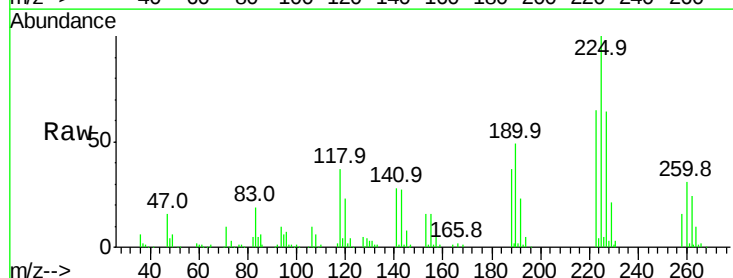
RT: 10.00 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

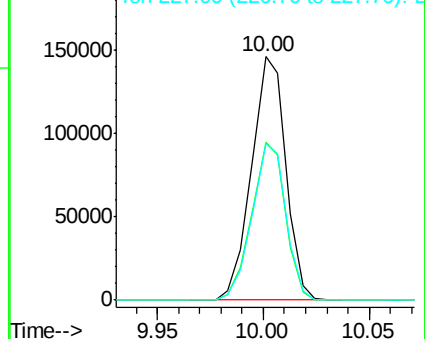
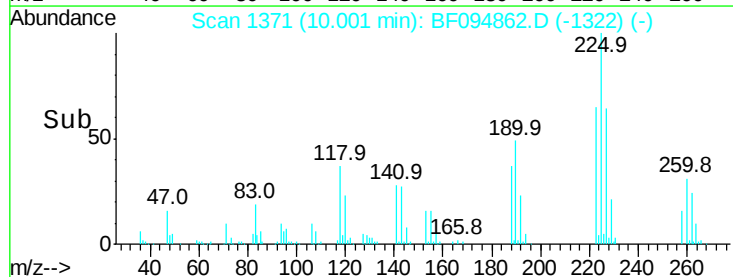
Tgt Ion:	225	Resp:	164989
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	64.4	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.25 ng

RT: 10.55 min Scan# 1465

Delta R.T. 0.02 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

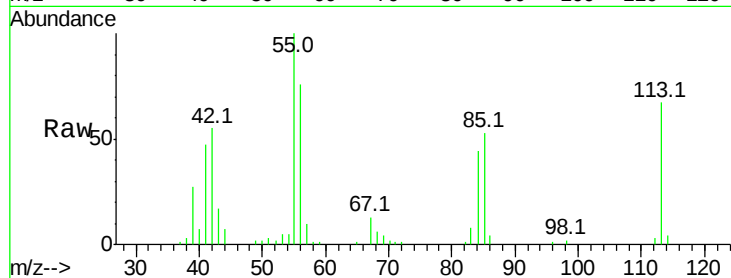
Tot Ion:113 Resp: 80884

Ion Ratio Lower Upper

113 100

55 148.7 150.2 190.2#

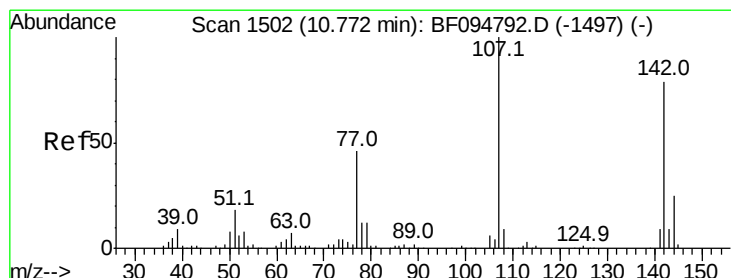
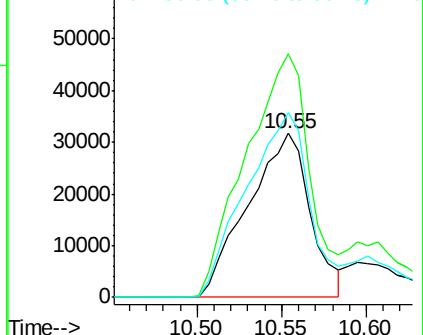
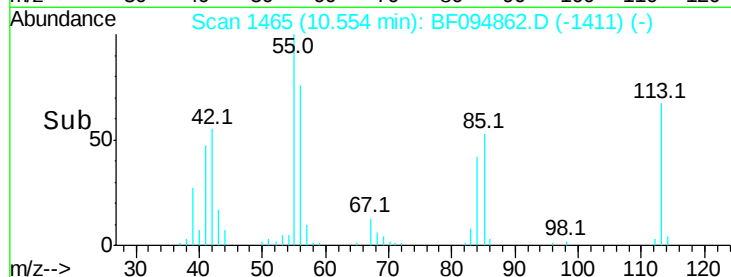
56 112.7 107.8 147.8



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: 40.92 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

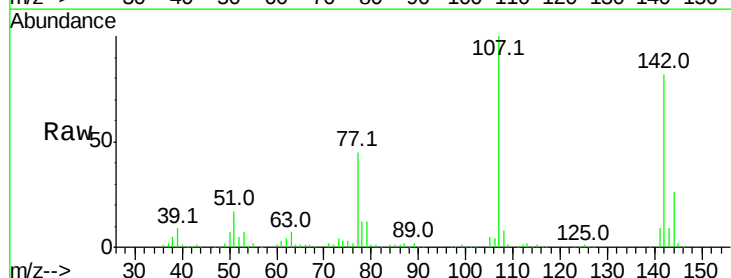
Tgt Ion:107 Resp: 344045

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

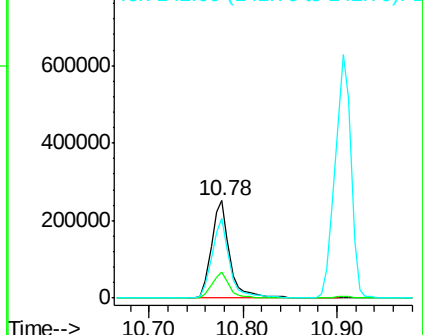
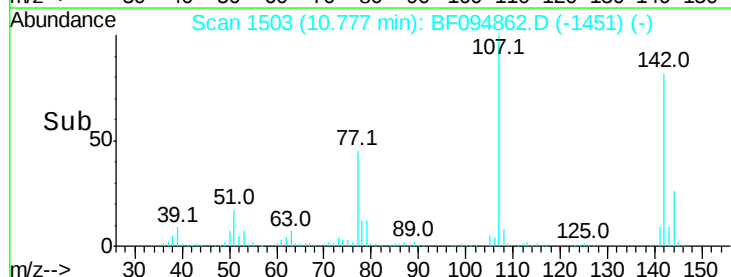
142 81.5 73.4 110.0

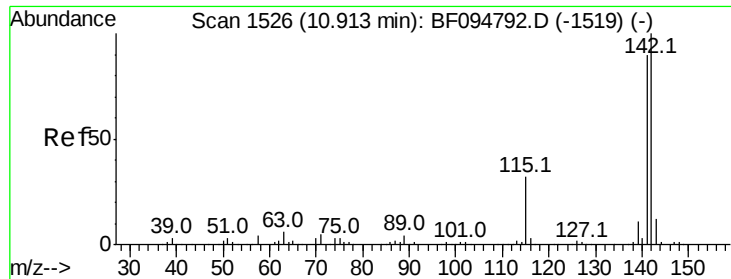


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

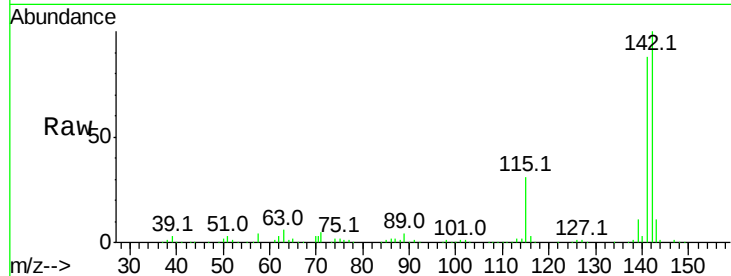




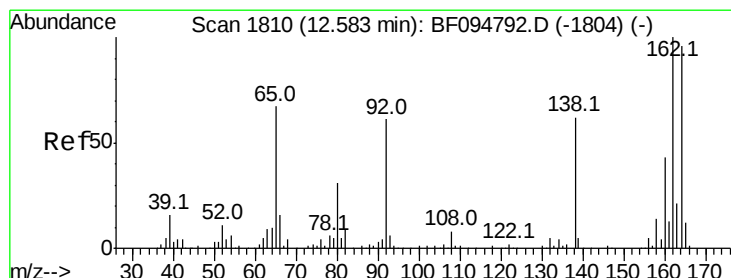
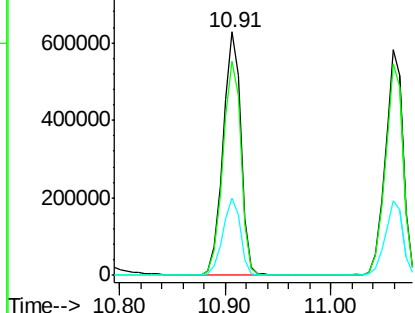
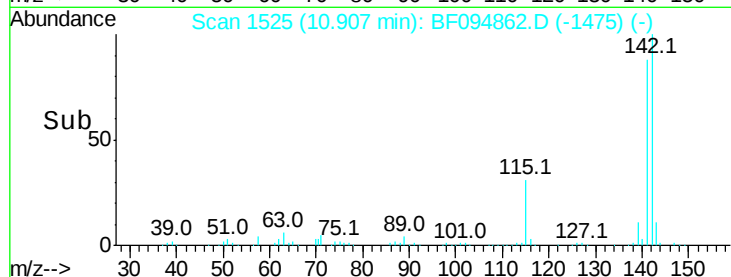
#37
2-Methylnaphthalene
Concen: 39.16 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 741988
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9
115 31.5 27.1 40.7

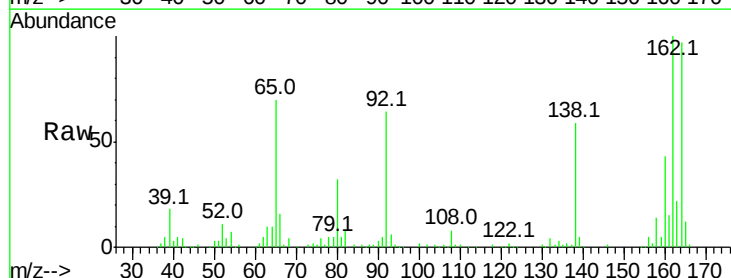


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

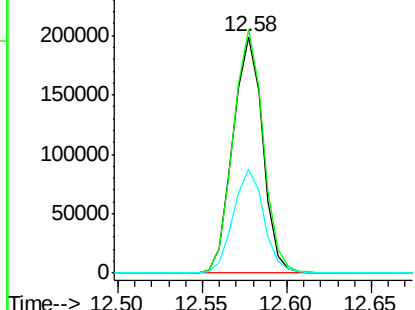
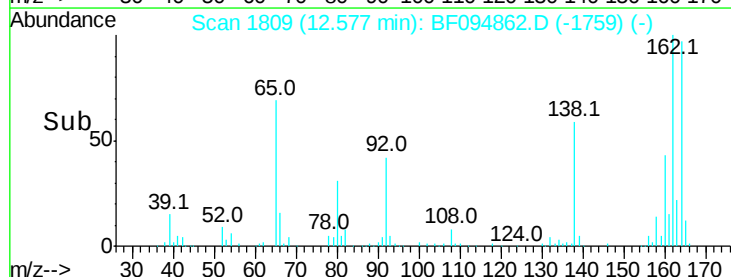


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:164 Resp: 244077
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.64 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 305042

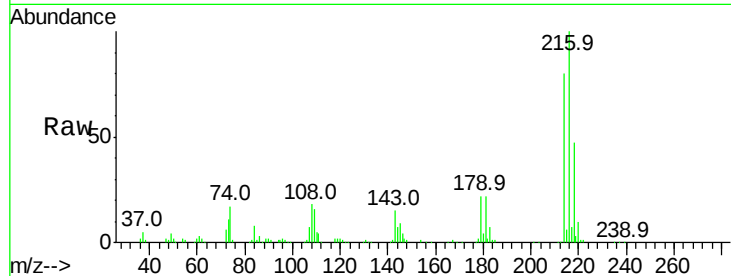
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.2

179 22.1 17.9 26.9

108 18.3 16.5 24.7

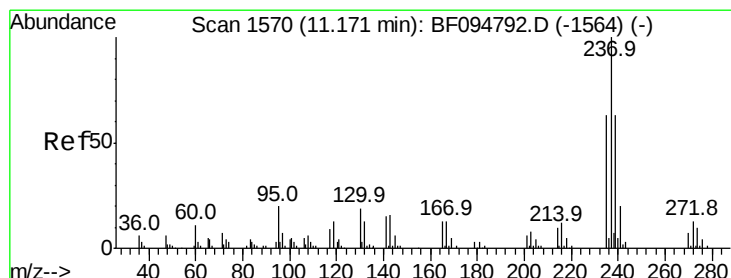
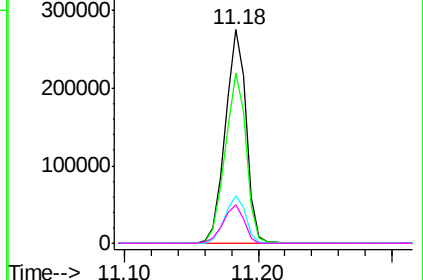
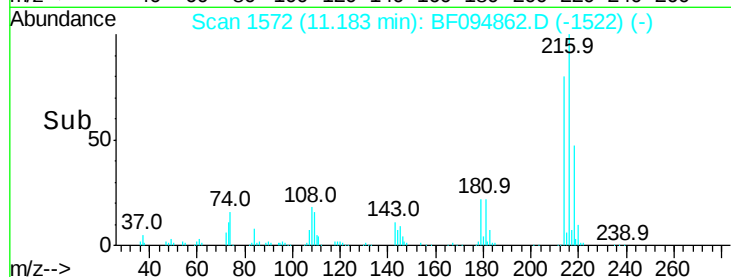


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.00 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

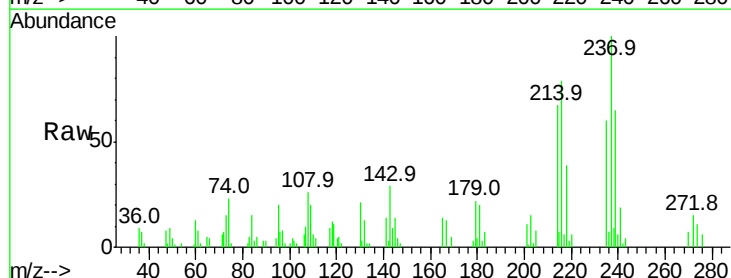
Tgt Ion:237 Resp: 30520

Ion Ratio Lower Upper

237 100

235 60.1 42.6 82.6

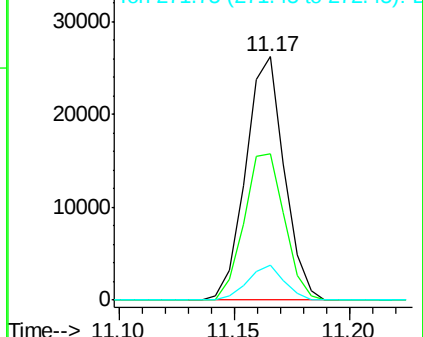
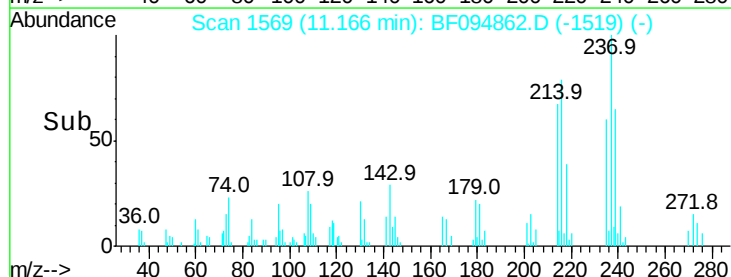
272 14.6 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

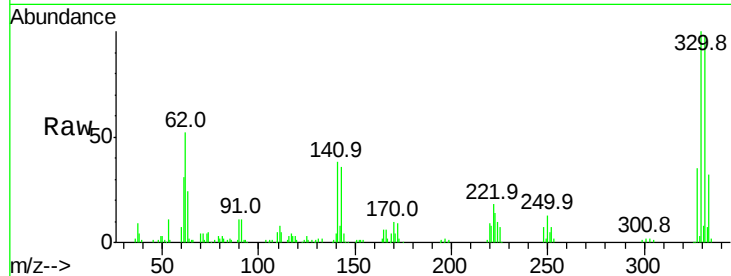




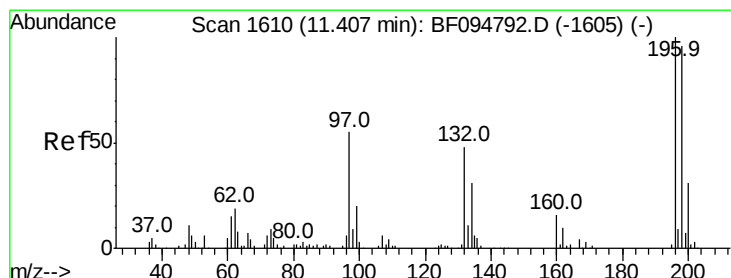
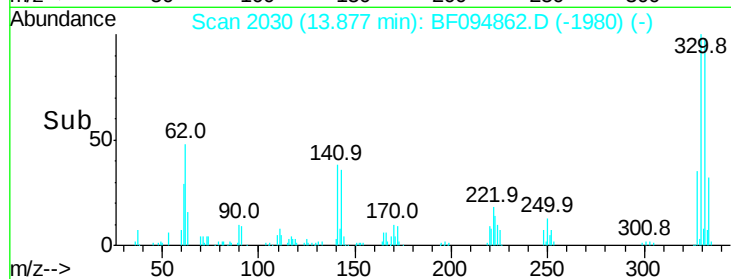
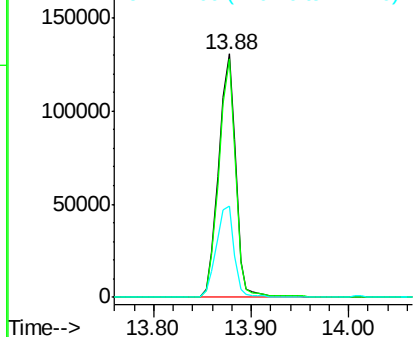
#41
 2,4,6-Tribromophenol
 Concen: 80.39 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 160684
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.2 31.4 47.2

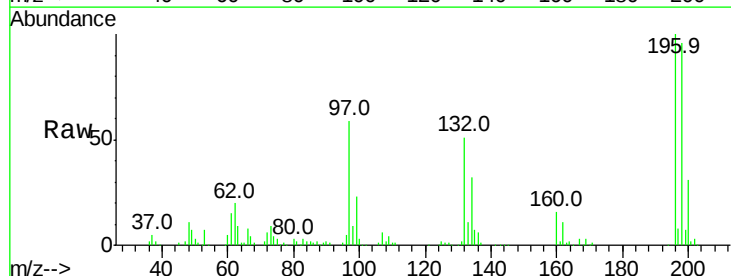


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

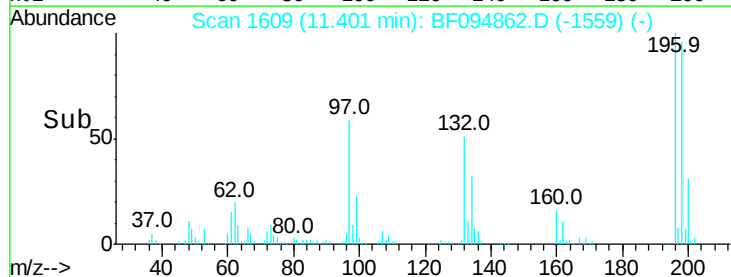
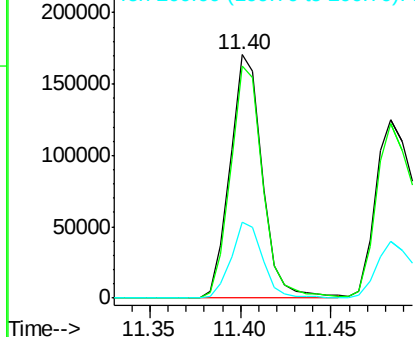


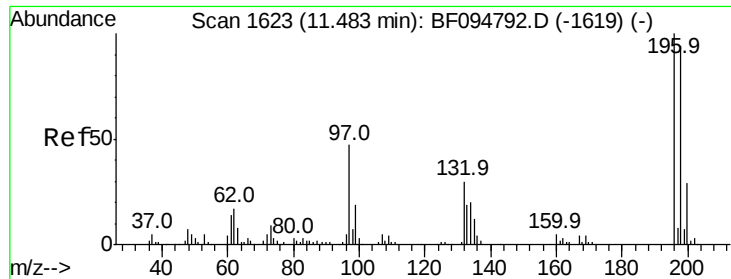
#42
 2,4,6-Trichlorophenol
 Concen: 42.13 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:196 Resp: 211124
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 31.0 24.0 36.0



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

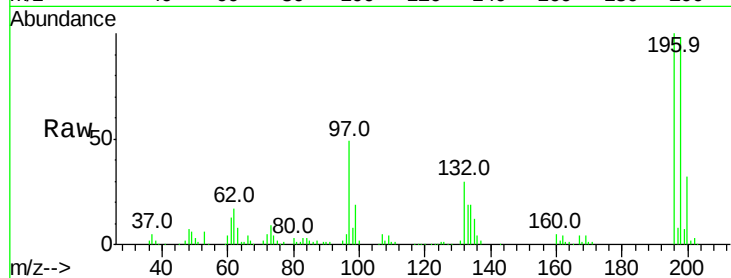




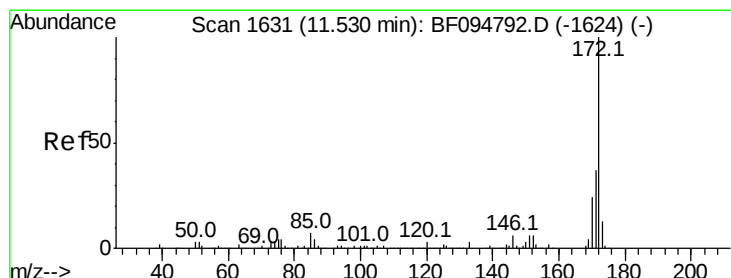
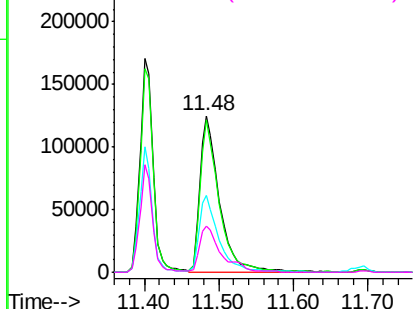
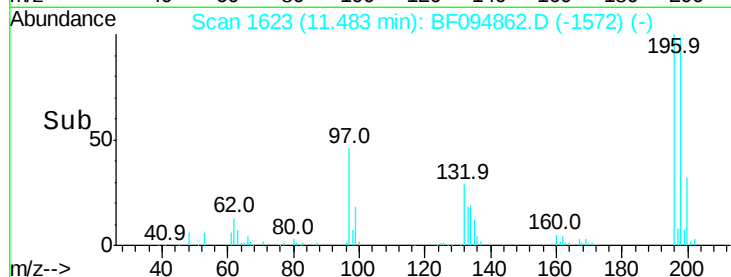
#43
2,4,5-Trichlorophenol
Concen: 42.37 ng
RT: 11.48 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 228197
Ion Ratio Lower Upper
196 100
198 97.7 75.7 113.5
97 48.9 47.7 71.5
132 29.6 28.0 42.0

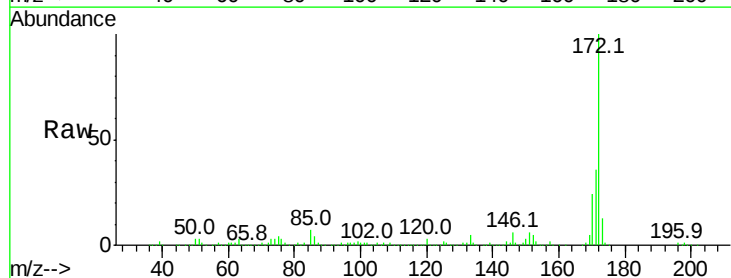


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

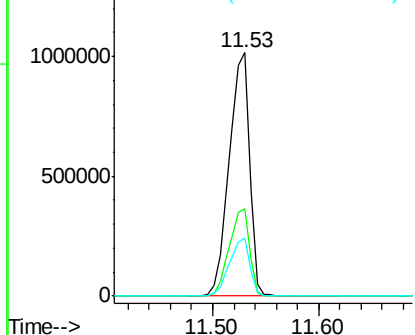
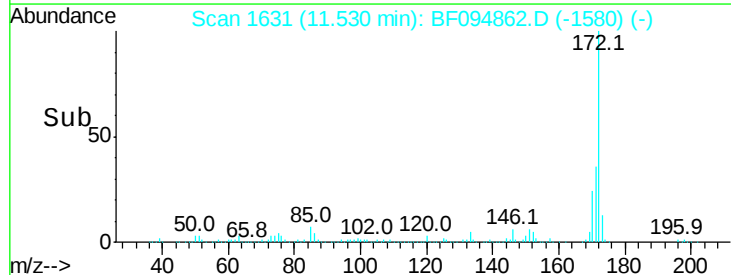


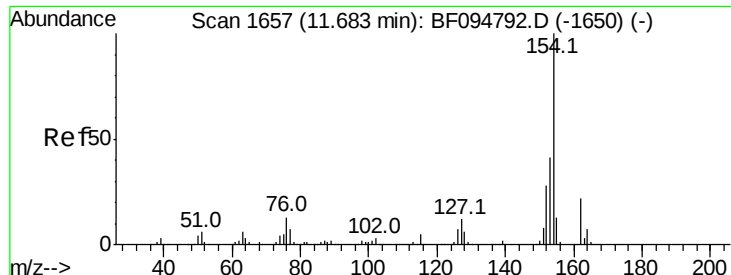
#44
2-Fluorobiphenyl
Concen: 79.66 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:172 Resp: 1350869
Ion Ratio Lower Upper
172 100
171 36.1 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

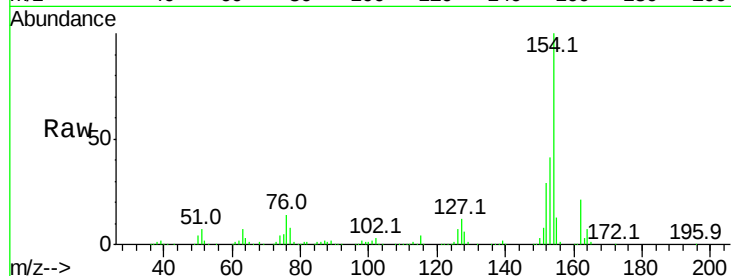




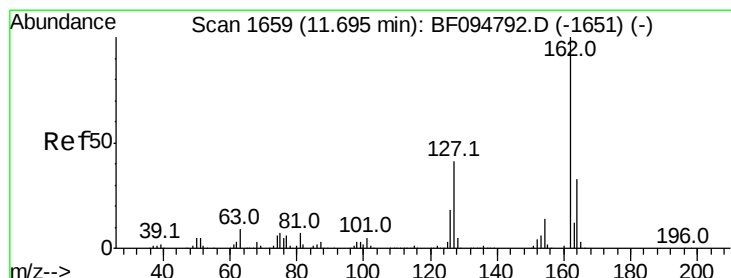
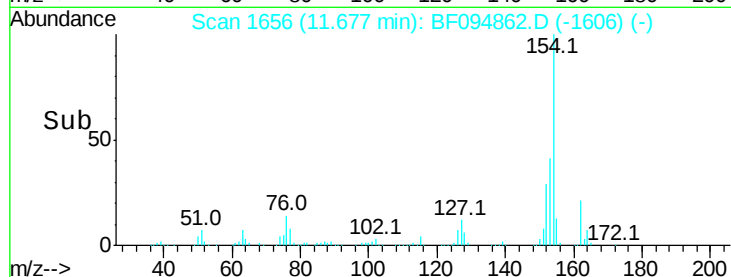
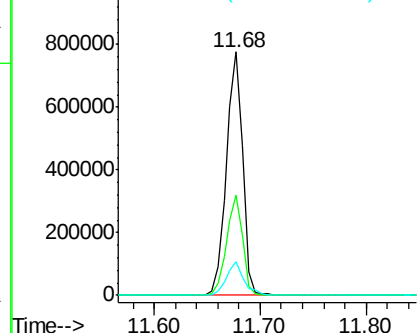
#45
 1,1'-Biphenyl
 Concen: 40.74 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 837240
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 13.7 0.0 29.9

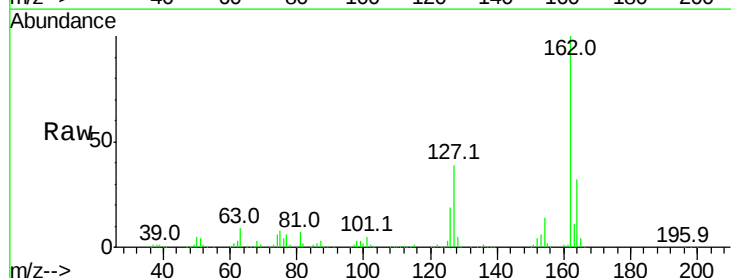


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

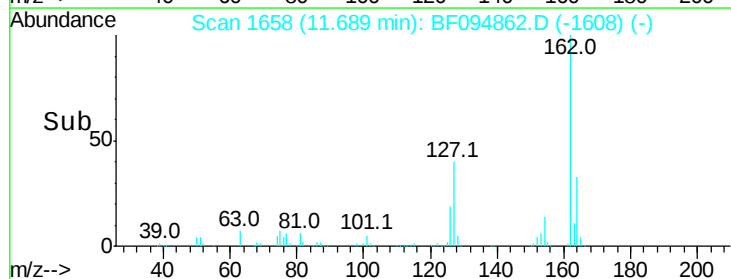
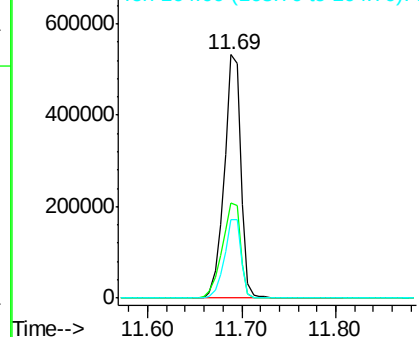


#46
 2-Chloronaphthalene
 Concen: 39.48 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:162 Resp: 655032
 Ion Ratio Lower Upper
 162 100
 127 39.3 28.3 42.5
 164 32.2 27.0 40.4



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

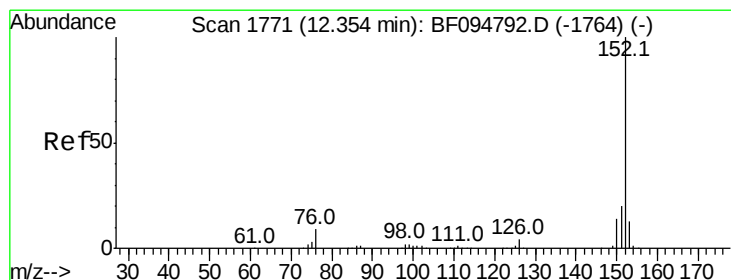
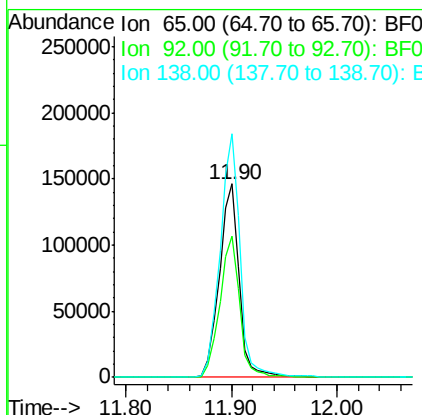
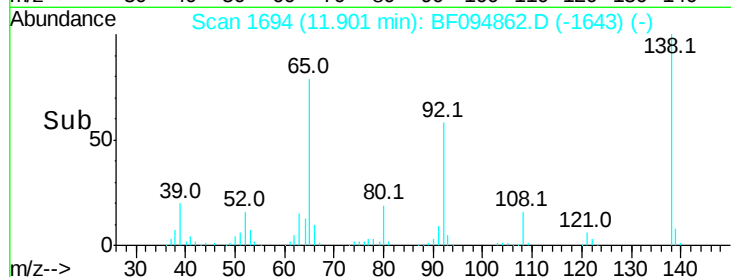
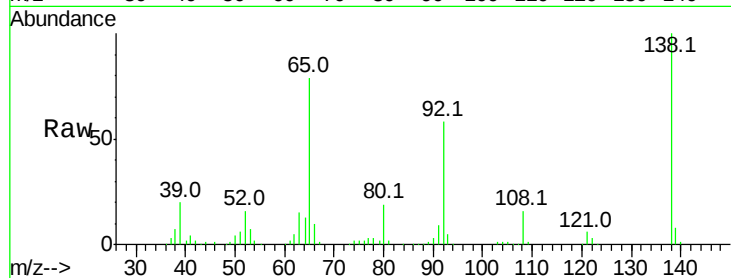




#47
2-Nitroaniline
Concen: 42.48 ng
RT: 11.90 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

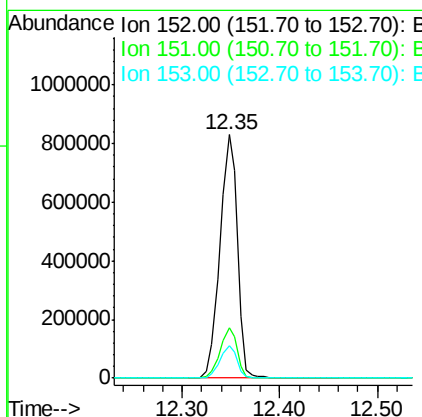
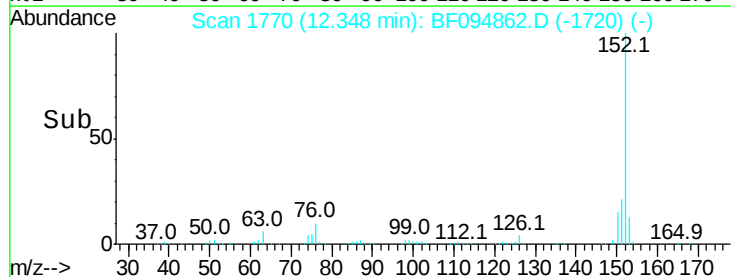
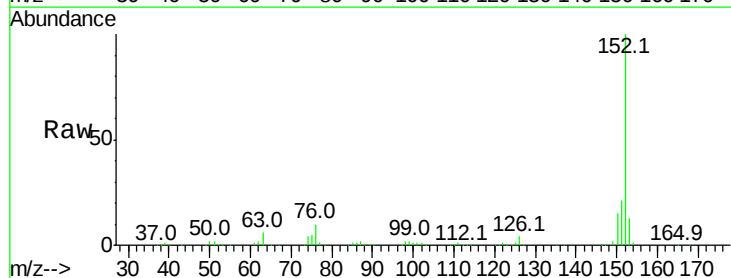
Instrument :
BNA_F
ClientSampleId :

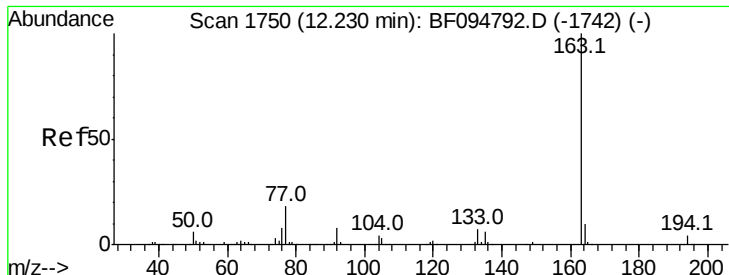
Tot Ion: 65 Resp: 192939
Ion Ratio Lower Upper
65 100
92 73.3 53.9 80.9
138 125.8 78.8 118.2#



#48
Acenaphthylene
Concen: 39.57 ng
RT: 12.35 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:152 Resp: 1028416
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 42.15 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

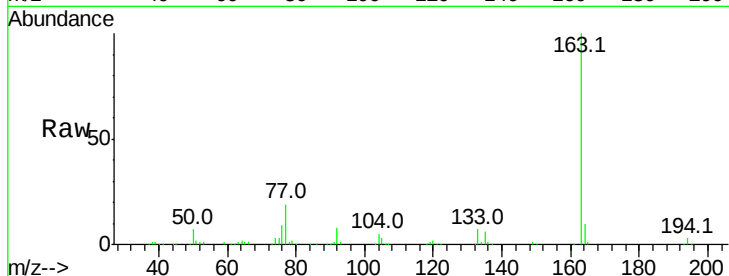
Tot Ion:163 Resp: 844617

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

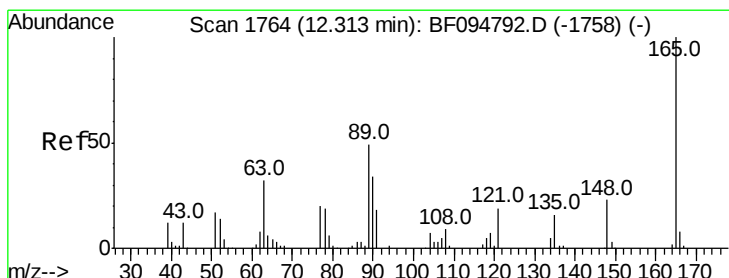
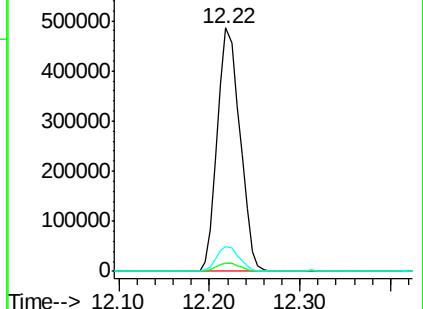
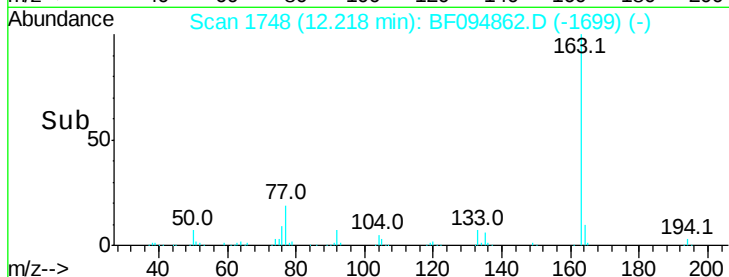
164 10.2 8.4 12.6



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: 41.13 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

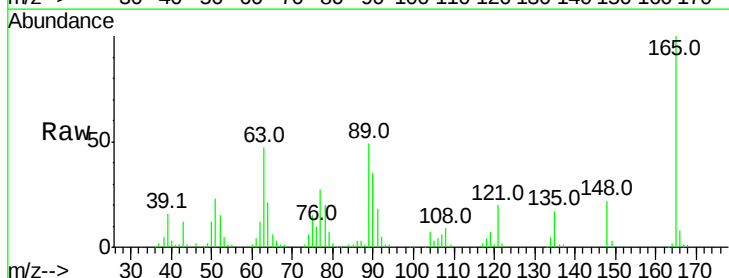
Tgt Ion:165 Resp: 168151

Ion Ratio Lower Upper

165 100

63 47.2 34.3 51.5

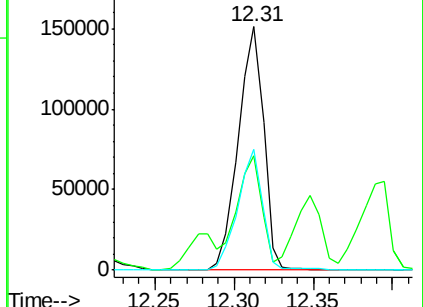
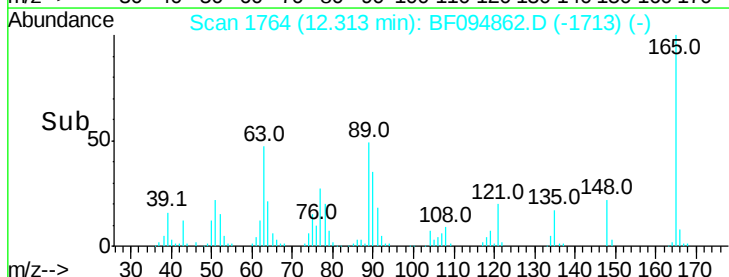
89 49.4 37.1 55.7

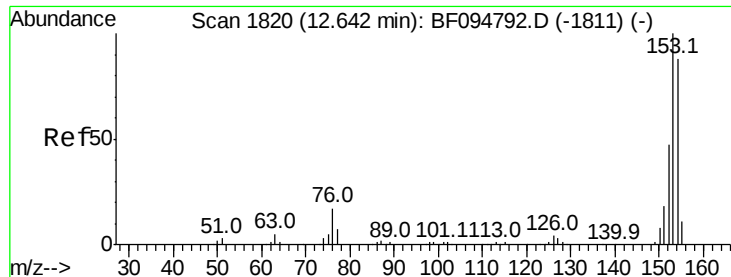


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.13 ng

RT: 12.64 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

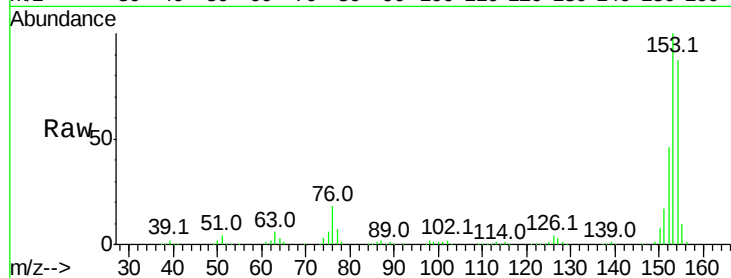
Tot Ion:154 Resp: 607387

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

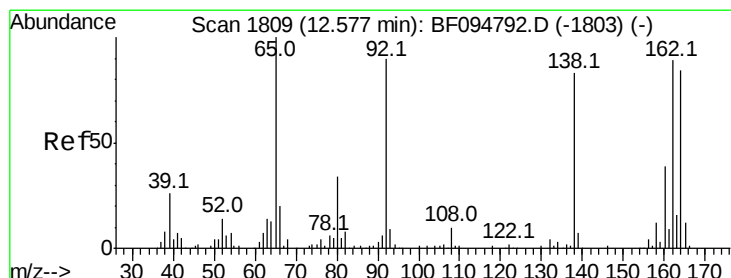
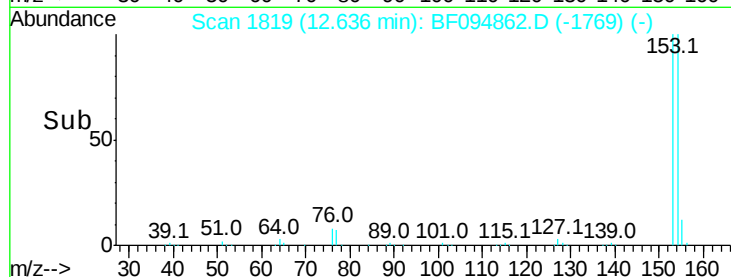
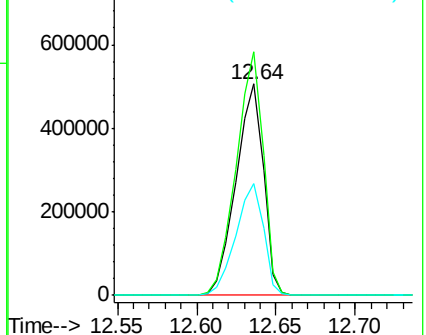
152 53.2 43.6 65.4



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: 42.32 ng

RT: 12.58 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

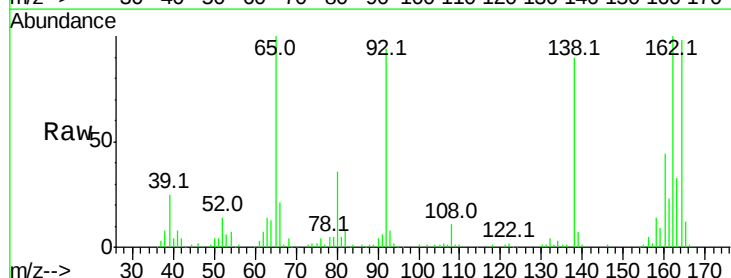
Tgt Ion:138 Resp: 185678

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

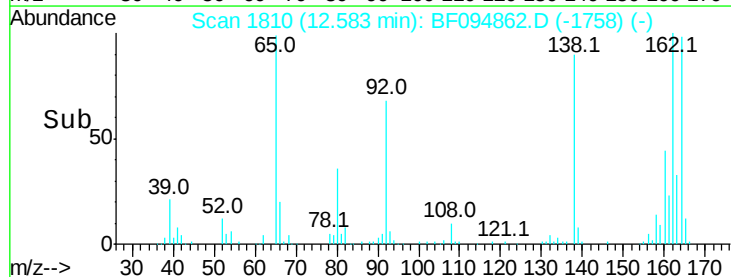
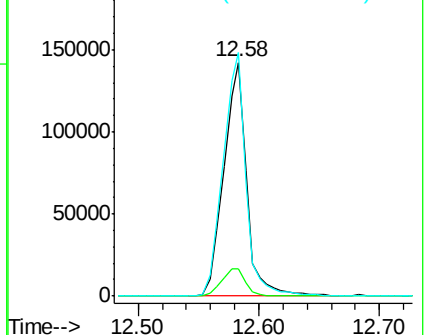
92 104.3 93.8 140.6

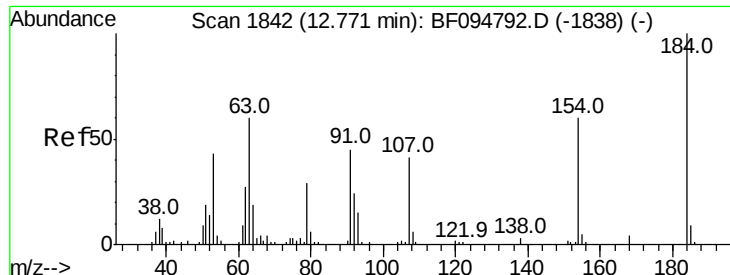


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

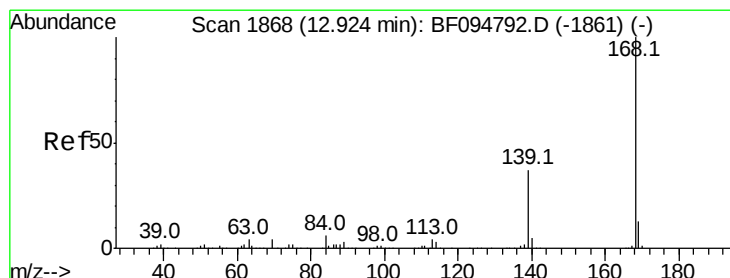
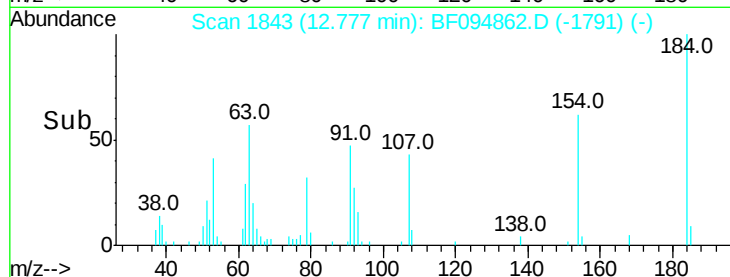
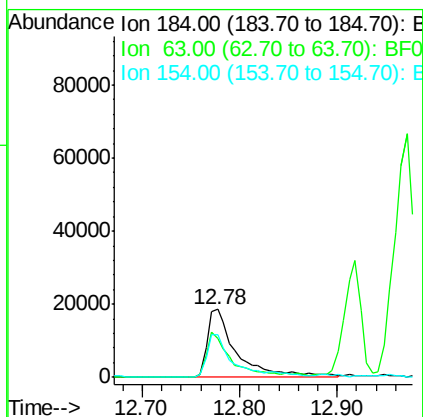
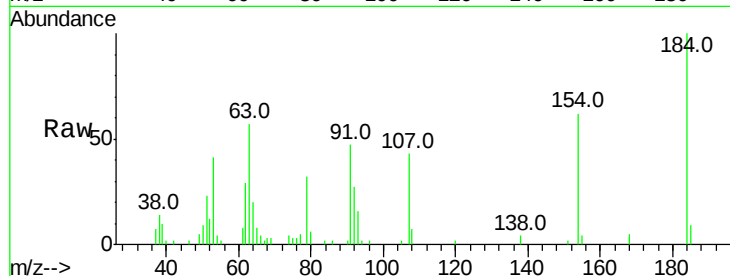




#53
 2,4-Dinitrophenol
 Concen: 22.20 ng
 RT: 12.78 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

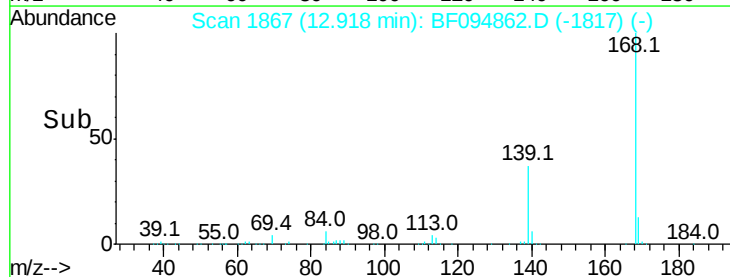
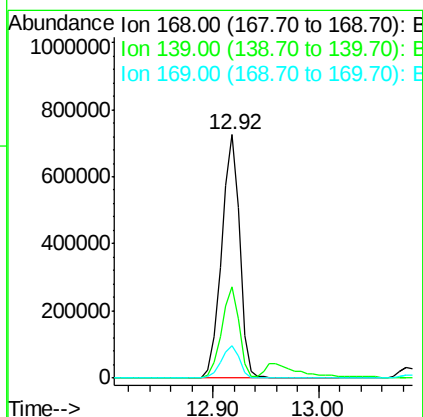
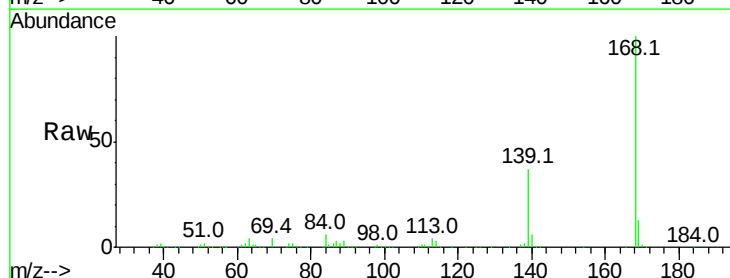
Instrument :
 BNA_F
 ClientSampled :

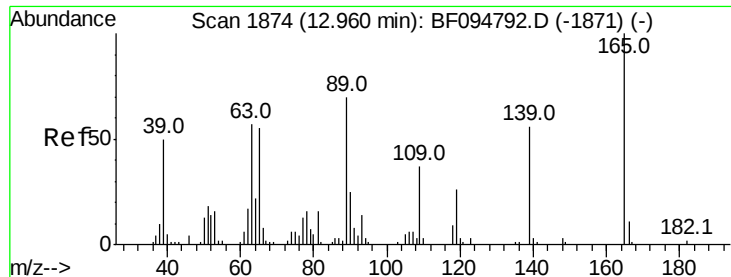
Tot Ion:184 Resp: 38952
 Ion Ratio Lower Upper
 184 100
 63 57.3 62.7 94.1#
 154 62.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.38 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:168 Resp: 867536
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.3 10.8 16.2

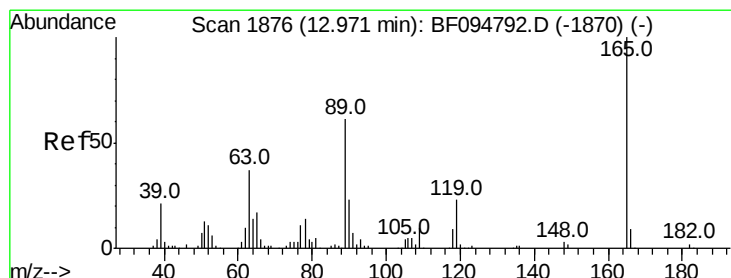
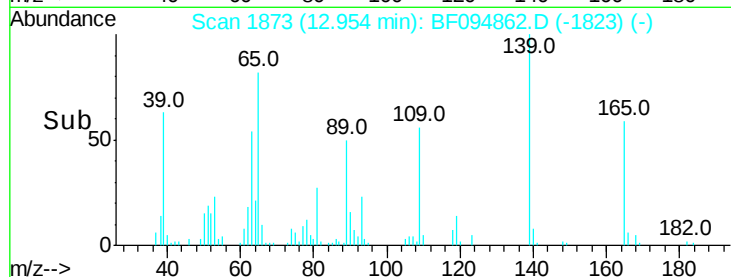
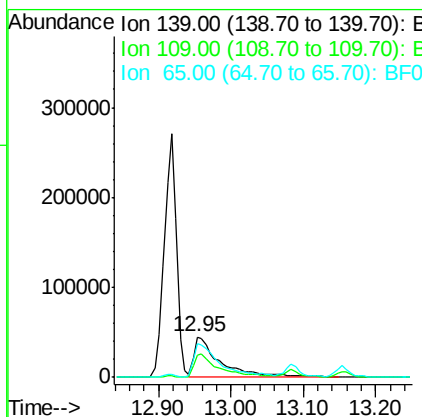
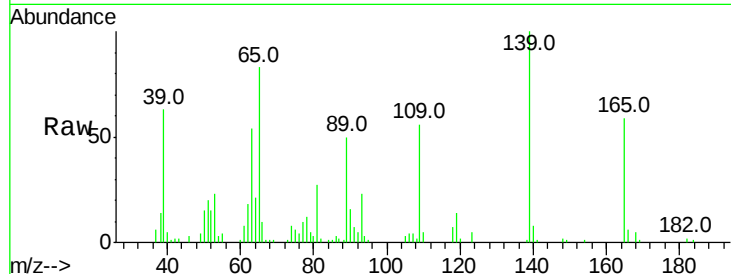




#55
4-Nitrophenol
Concen: 41.62 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

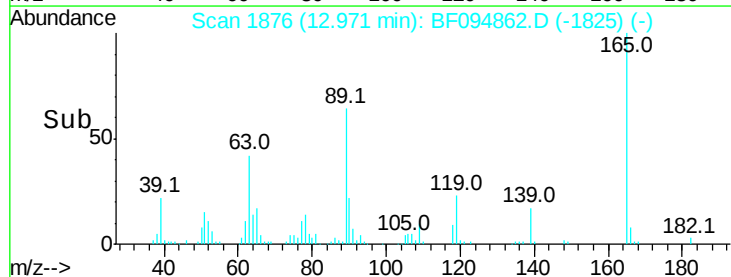
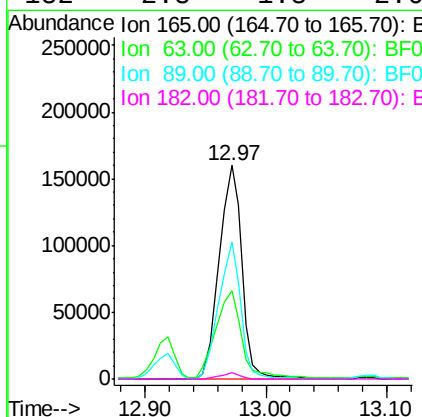
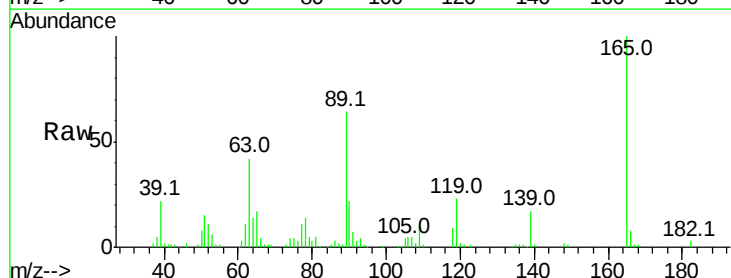
Instrument :
BNA_F
ClientSampleId :

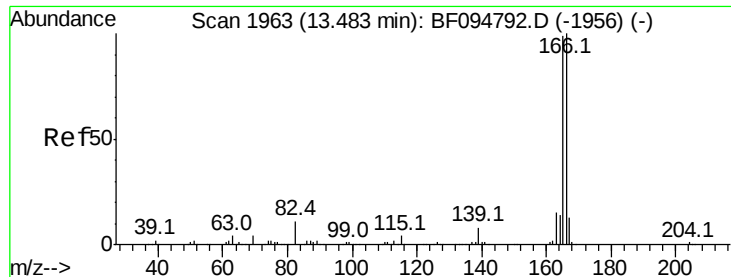
Tot Ion:139 Resp: 109675
Ion Ratio Lower Upper
139 100
109 55.9 34.1 74.1
65 83.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.34 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:165 Resp: 206666
Ion Ratio Lower Upper
165 100
63 41.6 25.4 38.0#
89 64.0 46.4 69.6
182 2.8 1.8 2.6#

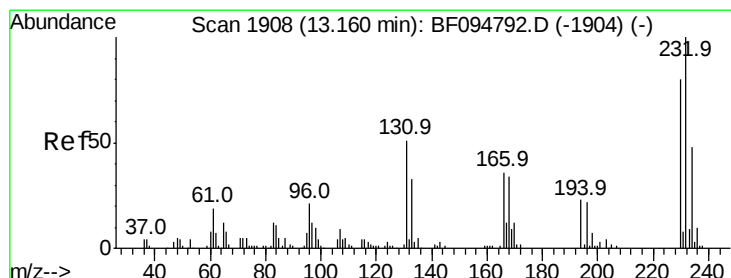
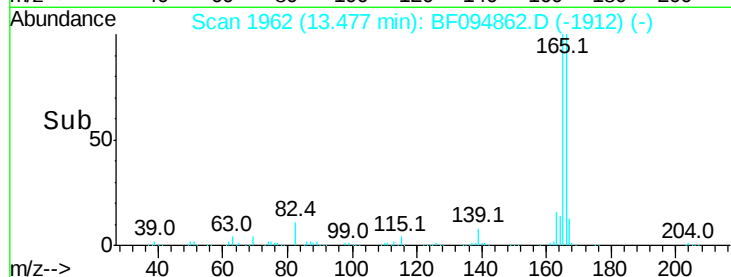
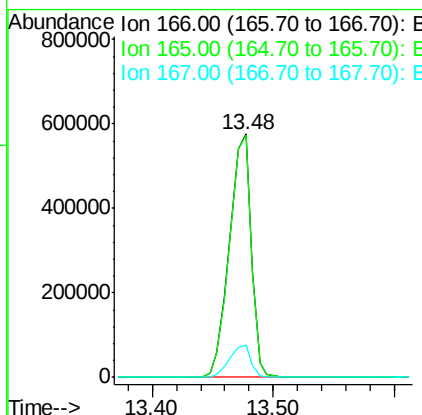
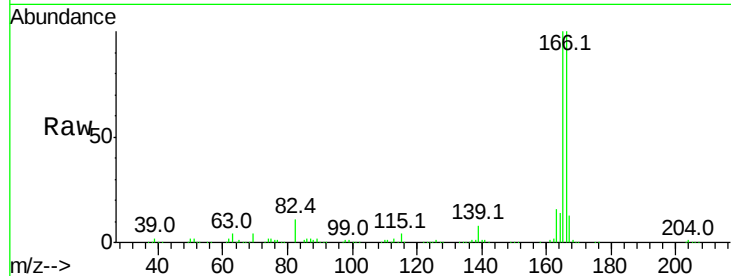




#57
 Fluorene
 Concen: 38.91 ng
 RT: 13.48 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

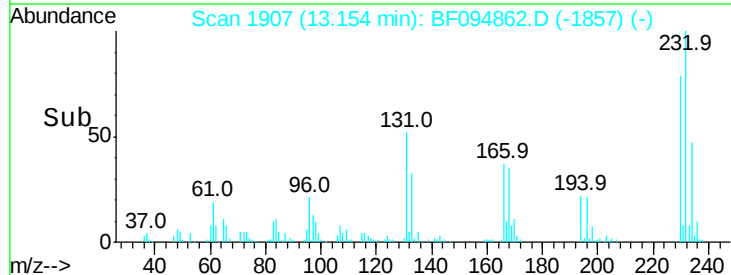
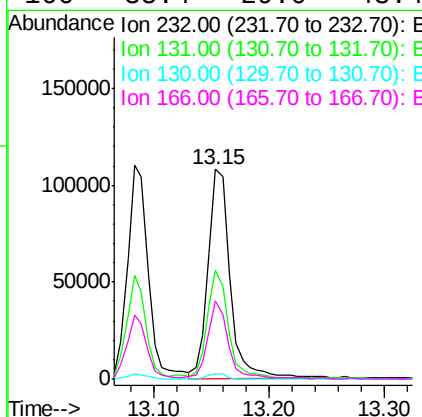
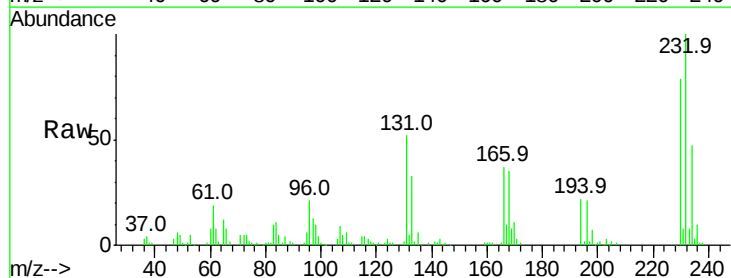
Instrument :
 BNA_F
 ClientSampleId :

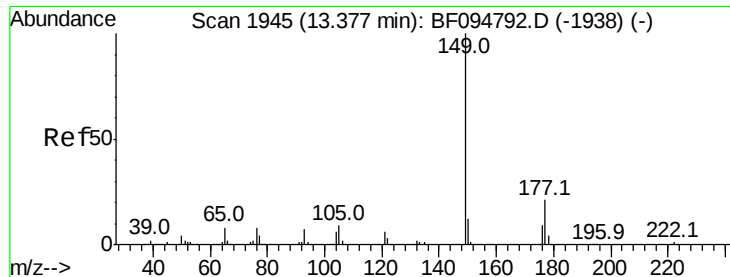
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.8	118.2
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.53 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.3	44.8	67.2
130	2.3	2.3	3.5#
166	35.4	29.0	43.4

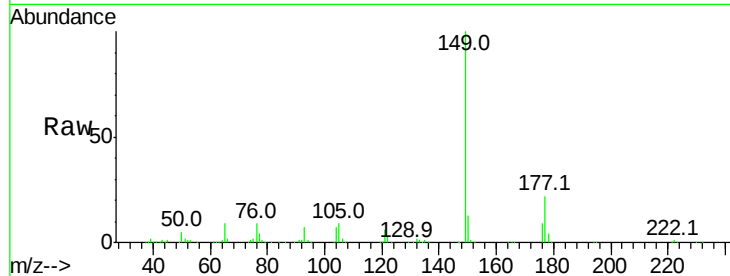




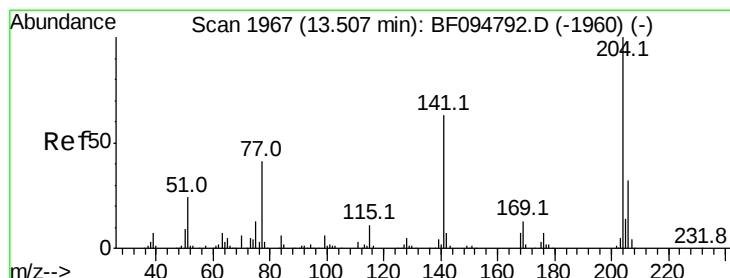
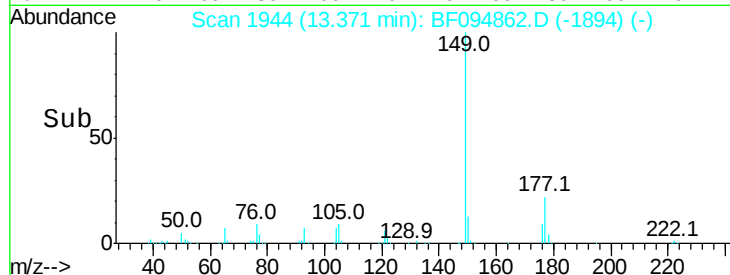
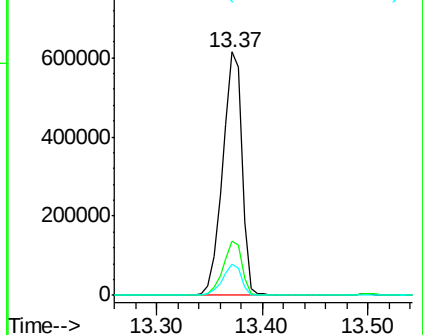
#59
Diethylphthalate
Concen: 40.90 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.7	10.2	15.2

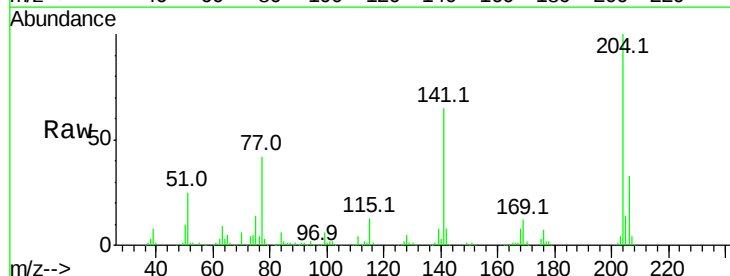


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

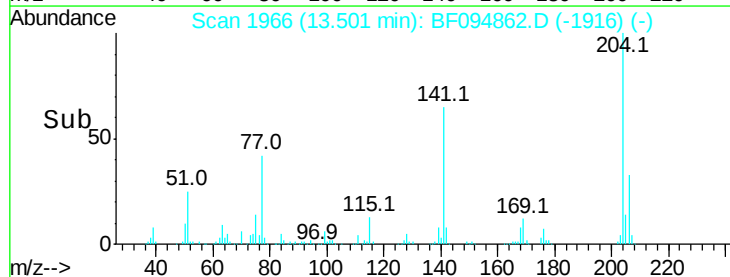
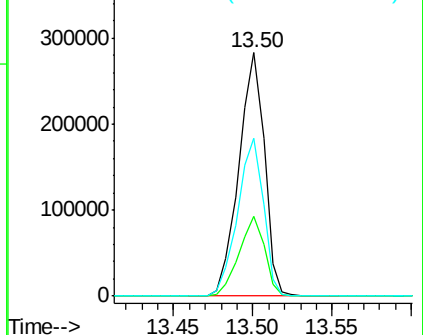


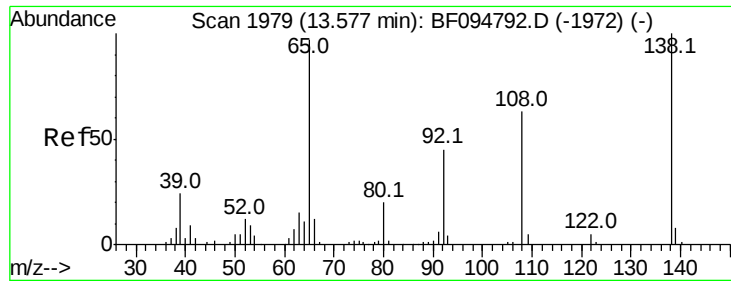
#60
4-Chlorophenyl-phenylether
Concen: 38.69 ng
RT: 13.50 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	64.9	60.8	91.2



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

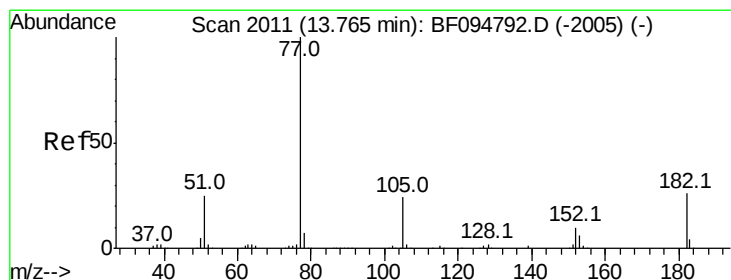
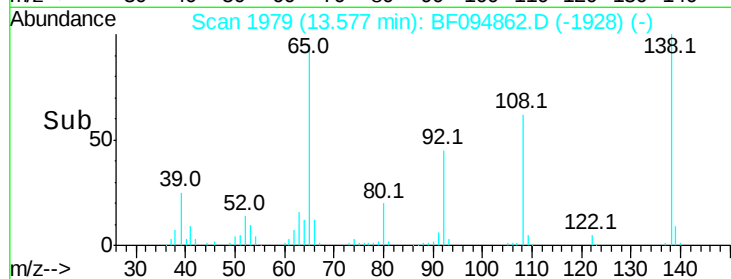
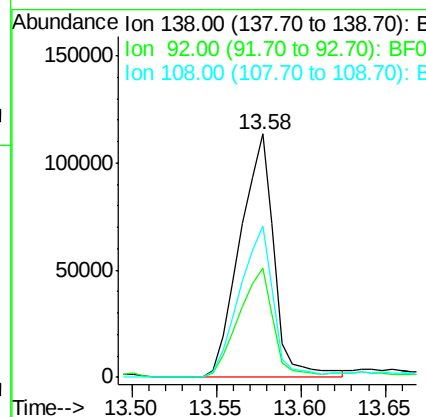
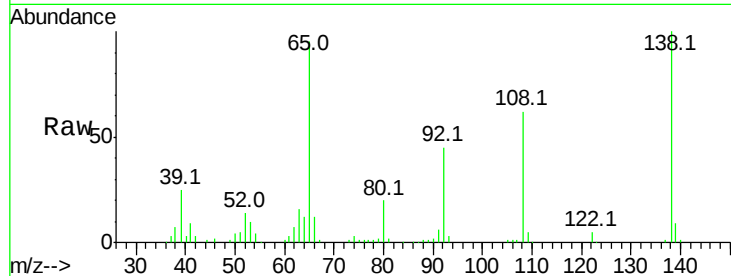




#61
4-Nitroaniline
Concen: 40.09 ng
RT: 13.58 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

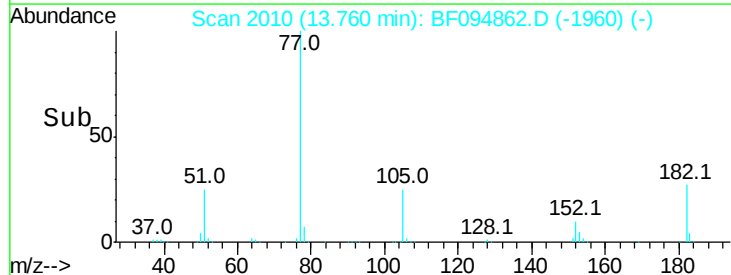
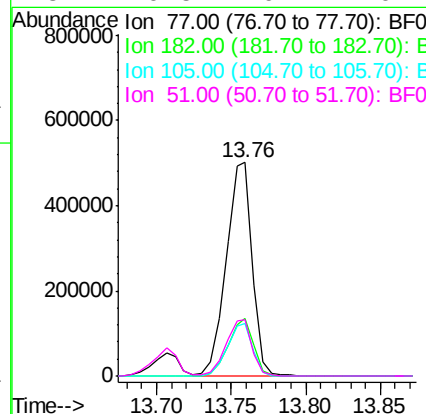
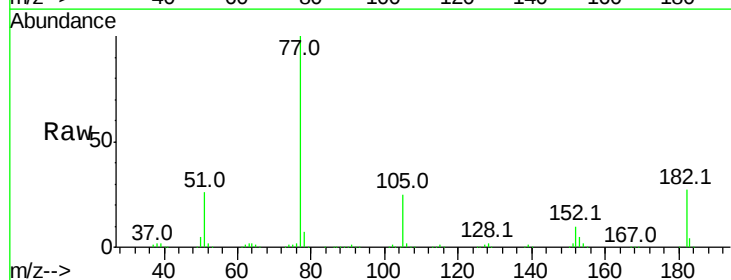
Instrument :
BNA_F
ClientSampleId :

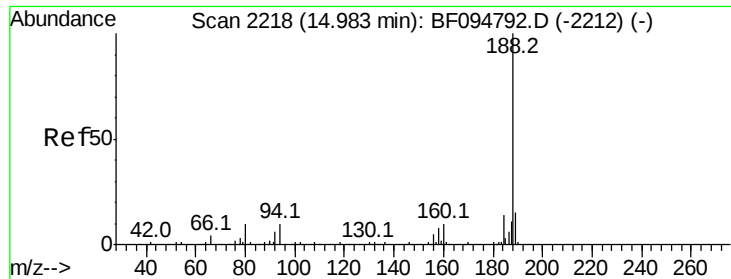
Tot Ion:138 Resp: 161462
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 62.2 42.3 82.3



#62
Azobenzene
Concen: 39.79 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion: 77 Resp: 614111
Ion Ratio Lower Upper
77 100
182 26.7 0.1 40.1
105 24.6 3.6 43.6
51 26.5 9.4 49.4

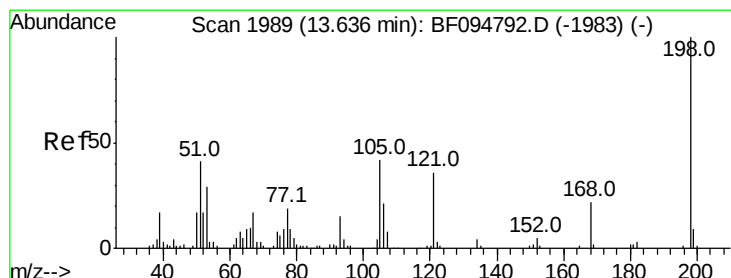
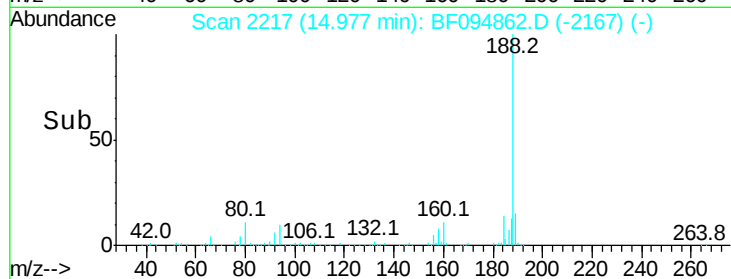
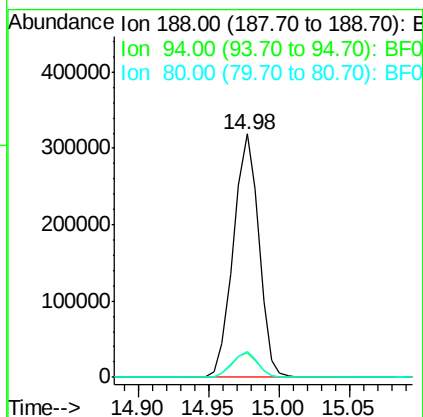
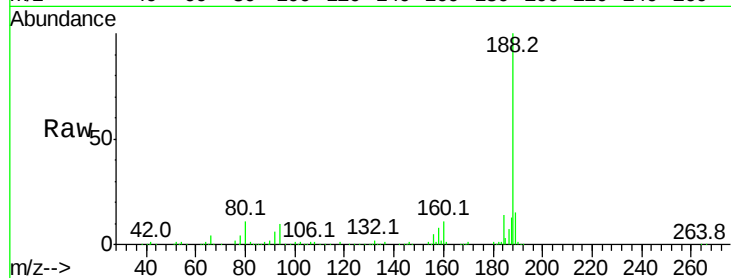




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

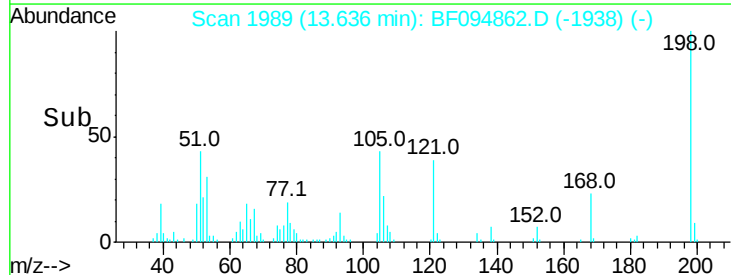
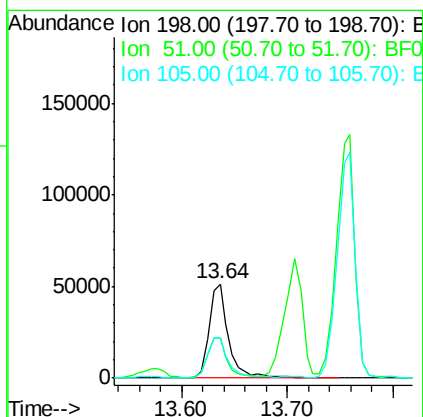
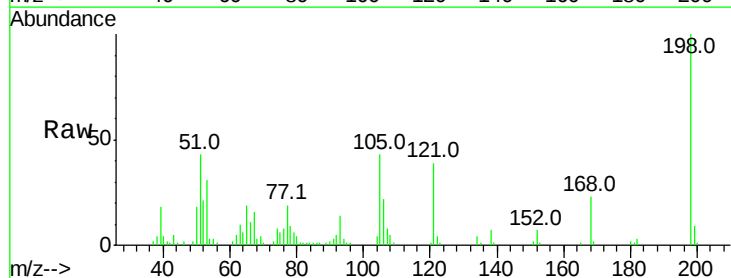
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 402490
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.51 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:198 Resp: 66145
 Ion Ratio Lower Upper
 198 100
 51 42.5 53.2 93.2#
 105 42.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 42.83 ng

RT: 13.71 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

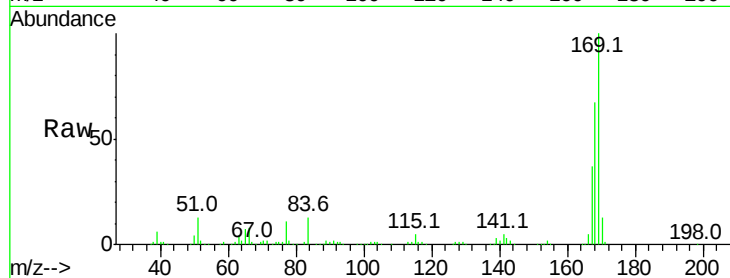
Tot Ion:169 Resp: 625646

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

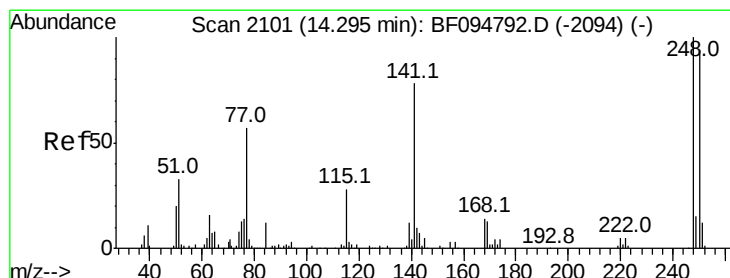
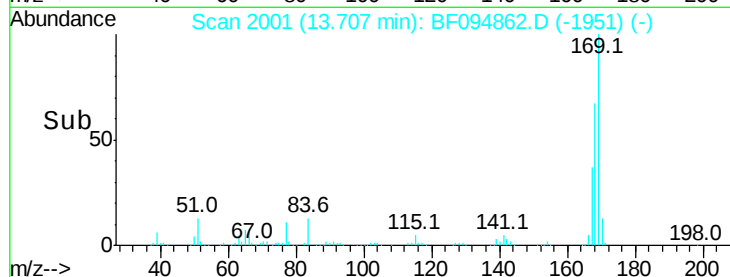
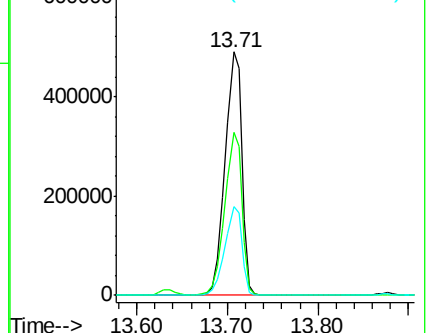
167 36.6 29.5 44.3



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: 39.86 ng

RT: 14.29 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

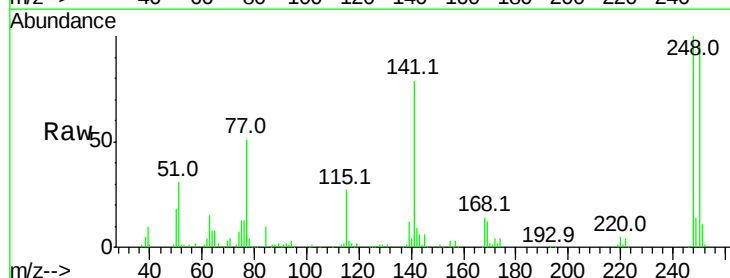
Tgt Ion:248 Resp: 169499

Ion Ratio Lower Upper

248 100

250 95.8 76.8 115.2

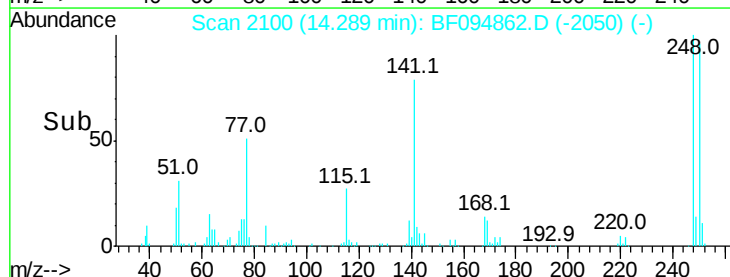
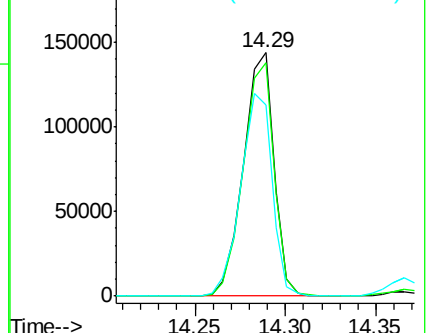
141 78.7 68.6 103.0



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

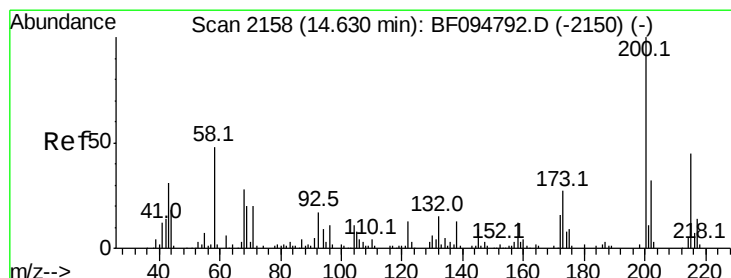
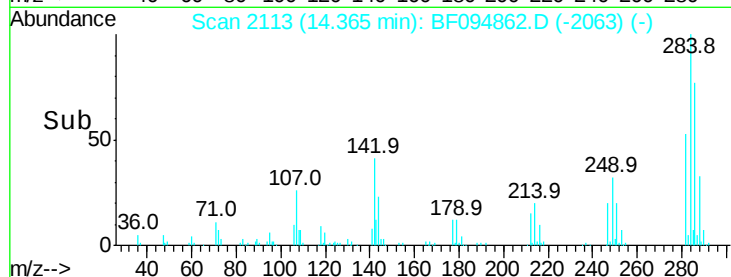
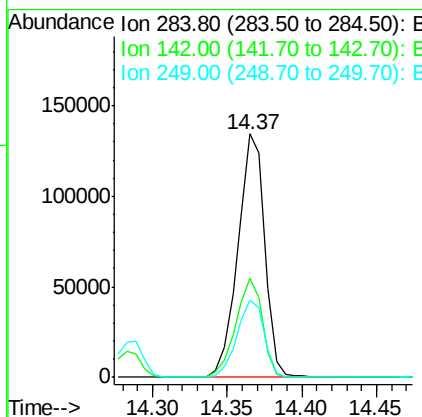
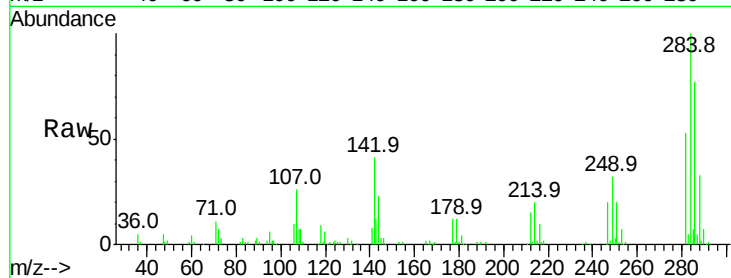




#67
Hexachlorobenzene
Concen: 38.41 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

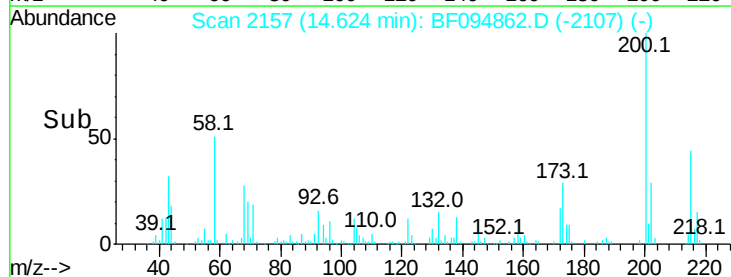
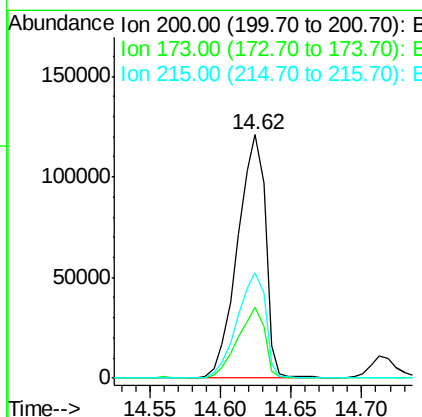
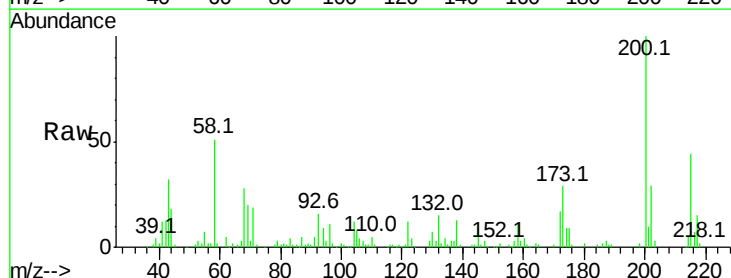
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 167381
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 31.9 24.0 36.0



#68
Atrazine
Concen: 40.62 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:200 Resp: 167553
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 43.5 27.2 67.2

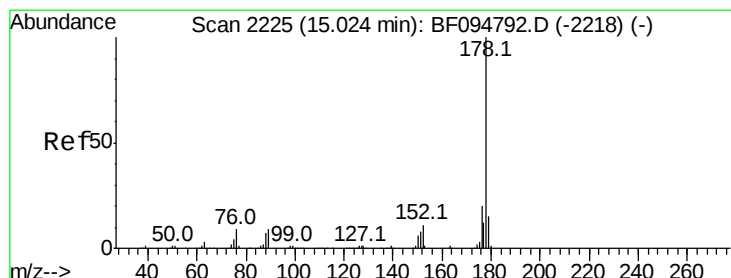
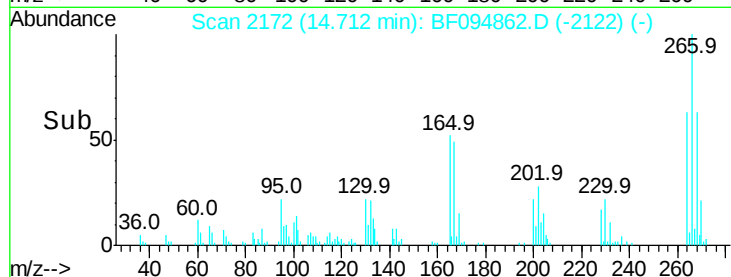
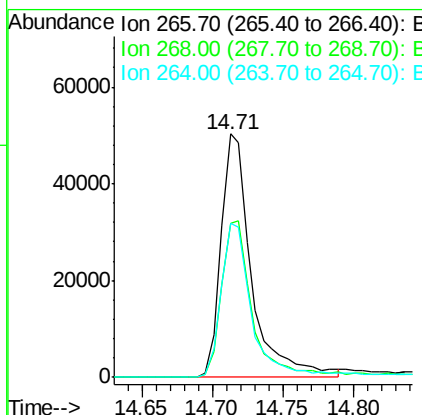
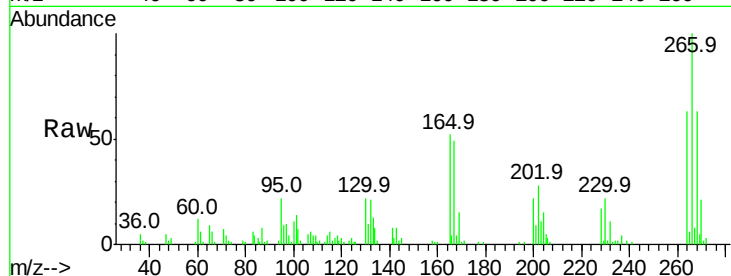




#69
 Pentachlorophenol
 Concen: 41.66 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

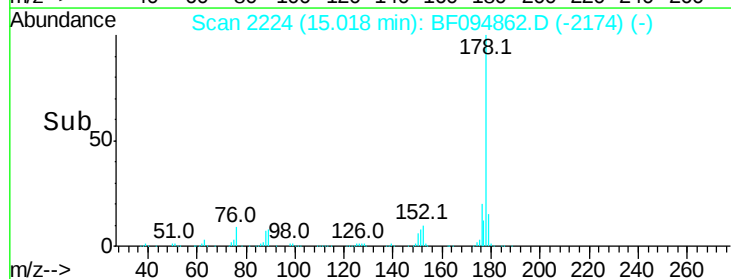
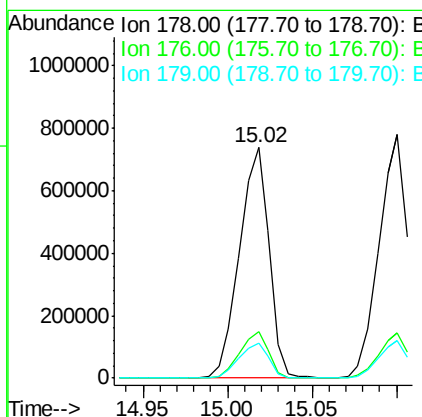
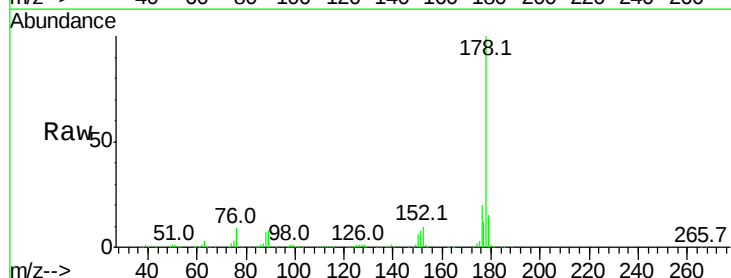
Instrument :
 BNA_F
 ClientSampleId :

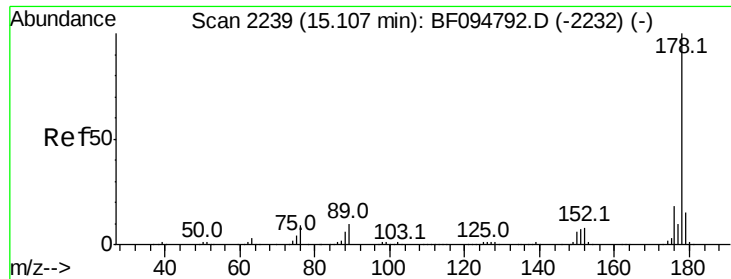
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.1	51.7	77.5



#70
 Phenanthrene
 Concen: 39.18 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.3	12.6	19.0

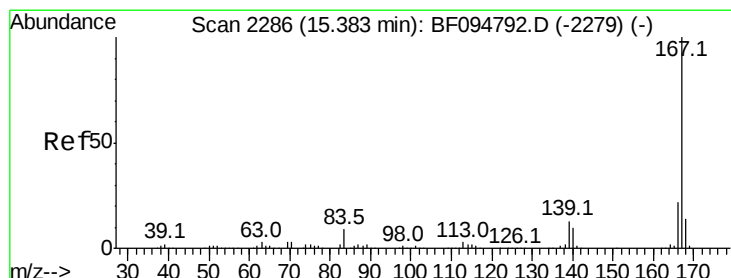
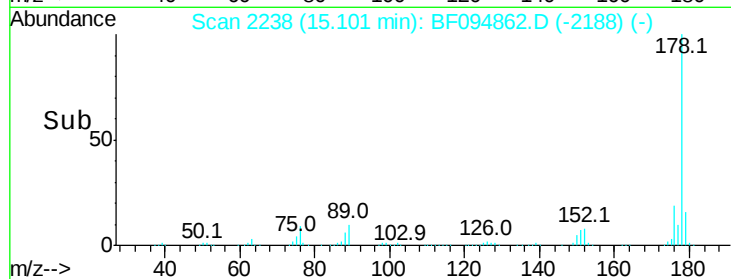
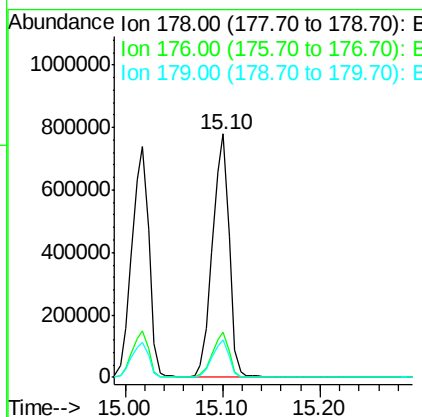
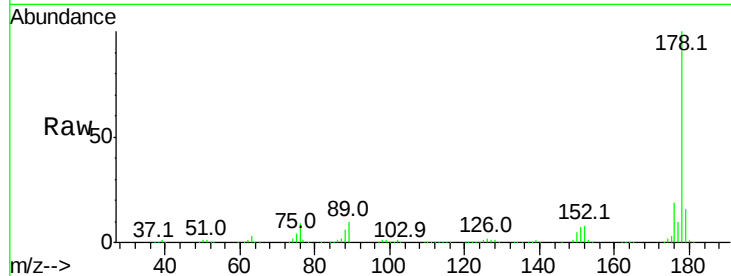




#71
 Anthracene
 Concen: 39.11 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

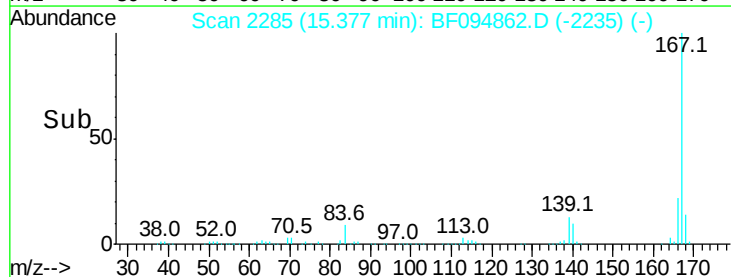
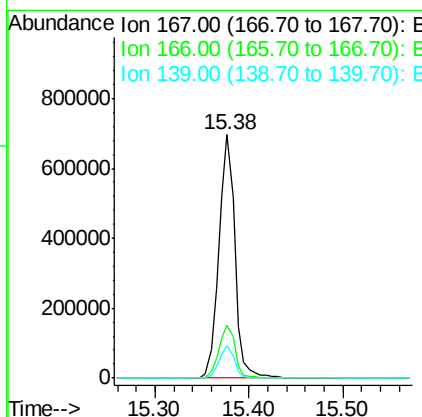
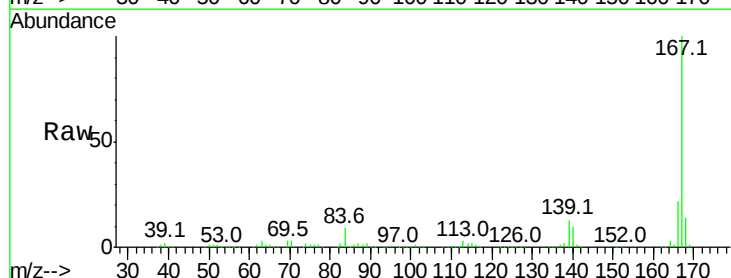
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 923849
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 38.68 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:167 Resp: 831298
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.3 11.7 17.5

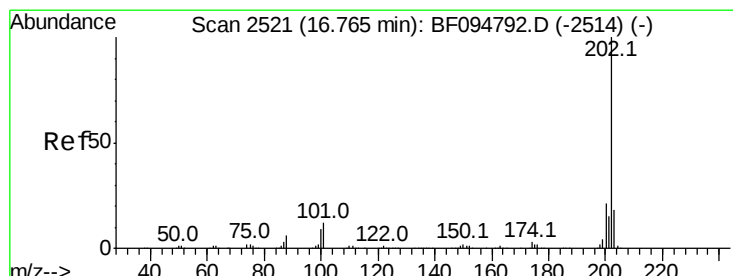
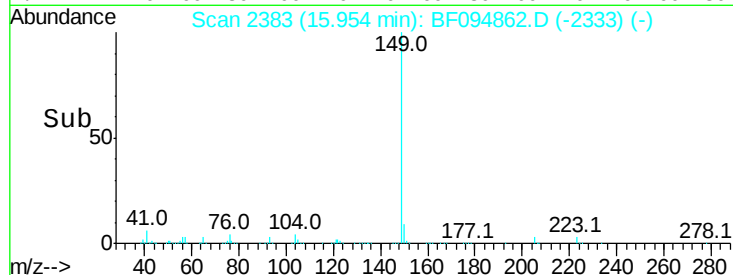
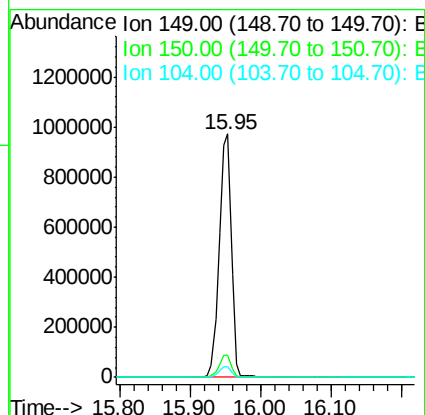
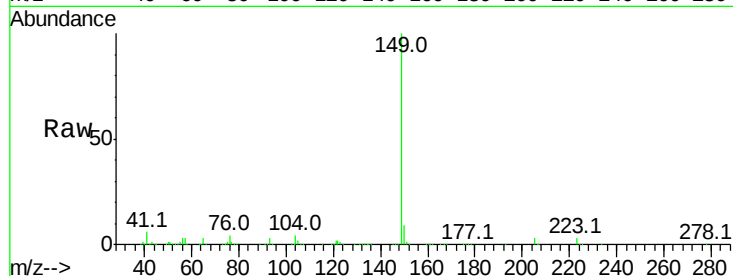




#73
Di-n-butylphthalate
Concen: 43.13 ng
RT: 15.95 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

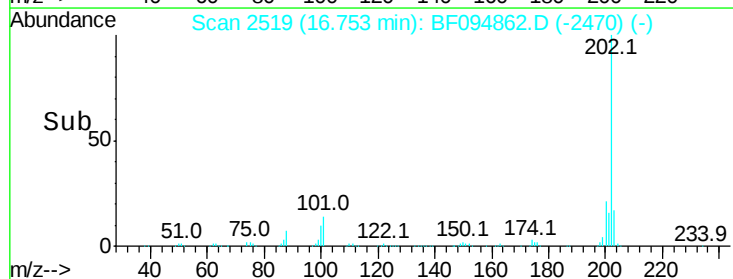
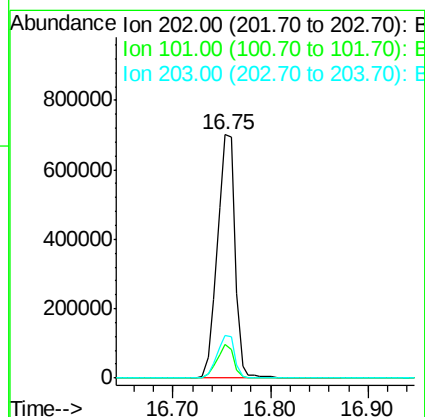
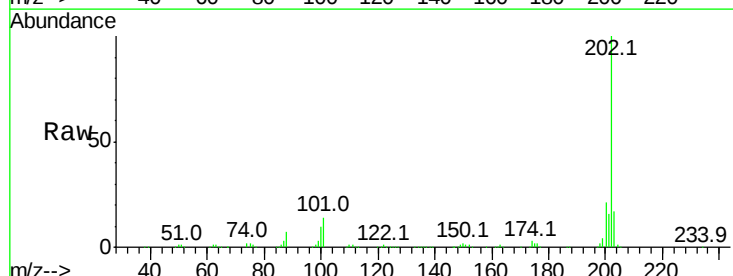
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1156145
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 37.28 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion:202 Resp: 884485
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.4 0.0 38.1

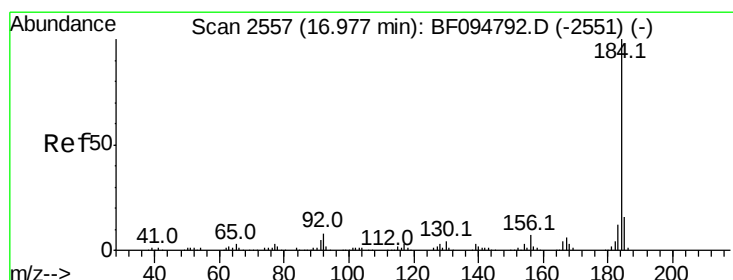
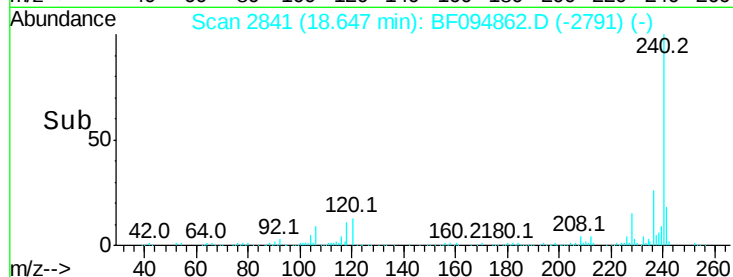
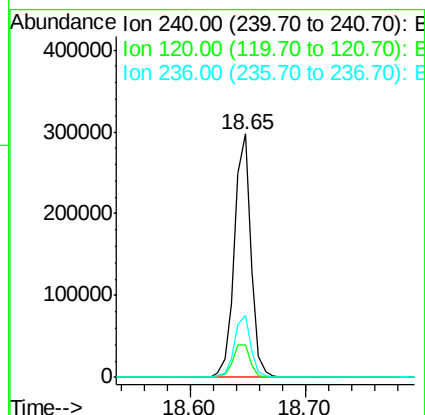
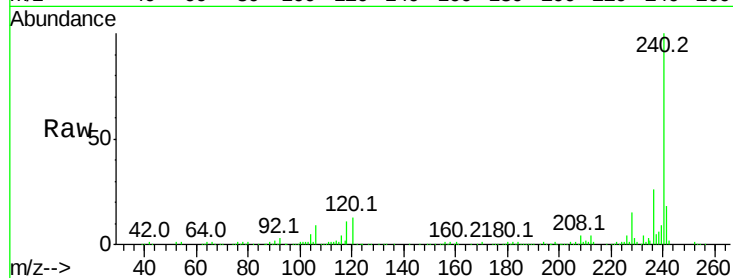




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

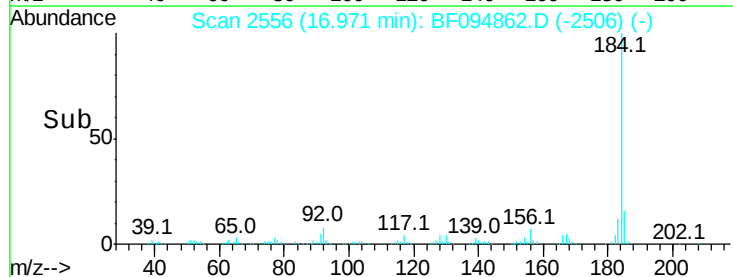
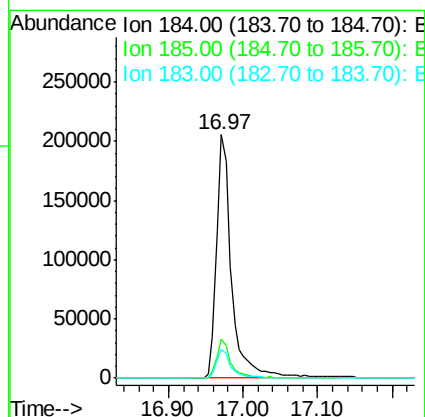
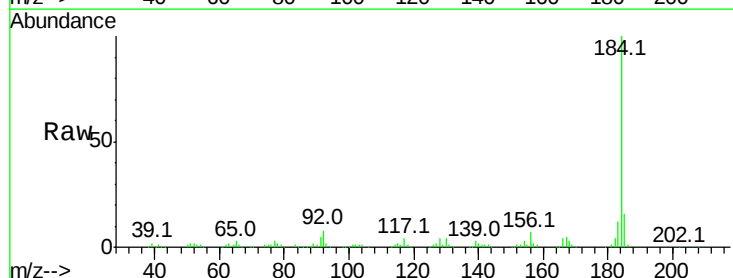
Instrument :
 BNA_F
 ClientSampleId :

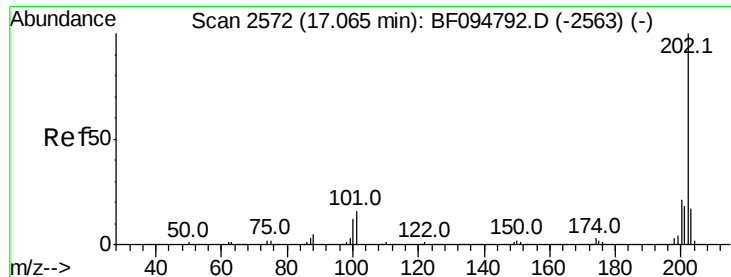
Tot Ion:240 Resp: 294589
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 25.6 20.5 30.7



#76
 Benzidine
 Concen: 37.80 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:184 Resp: 288215
 Ion Ratio Lower Upper
 184 100
 185 16.0 15.5 23.3
 183 11.8 9.8 14.6

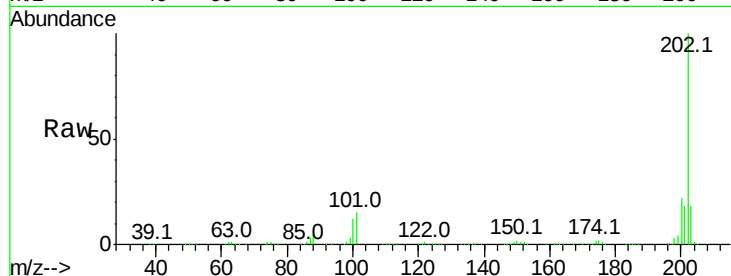




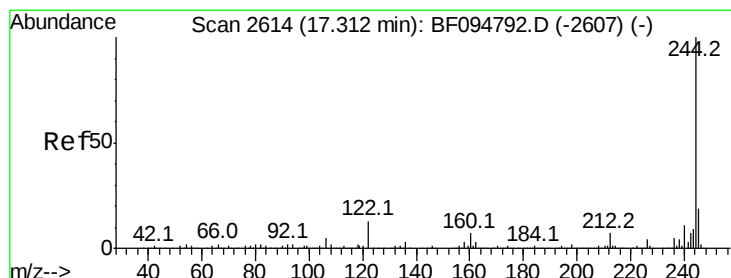
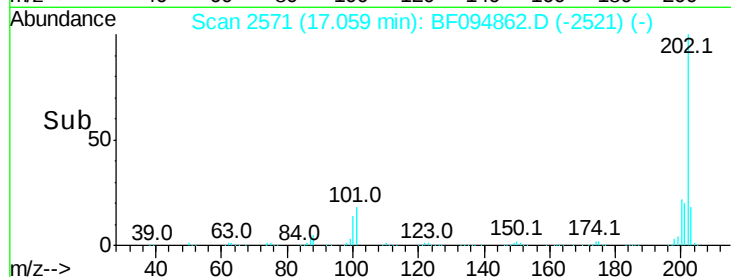
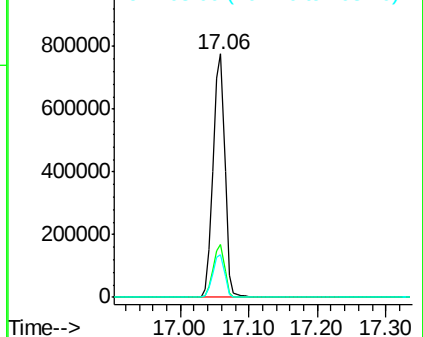
#77
 Pvrene
 Concen: 41.56 ng
 RT: 17.06 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 915713
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.6 26.4
 203 17.6 14.4 21.6

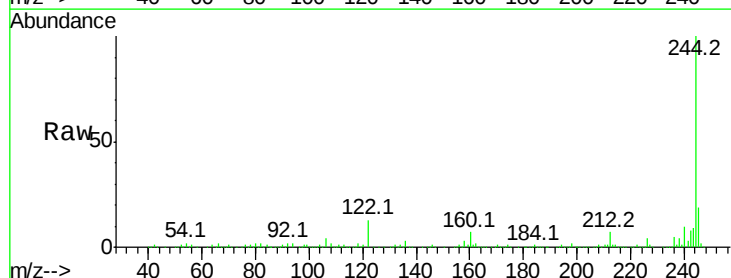


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

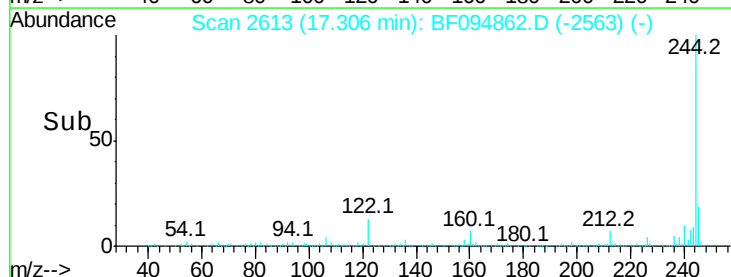
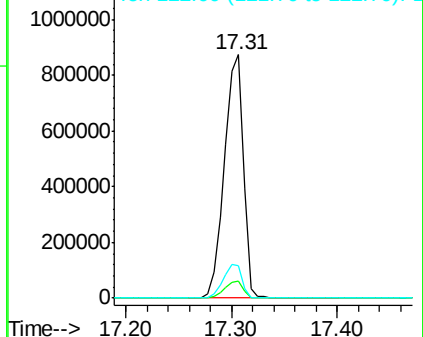


#78
 Terphenyl-d14
 Concen: 81.86 ng
 RT: 17.31 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:244 Resp: 1094866
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.2 10.3 15.5



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

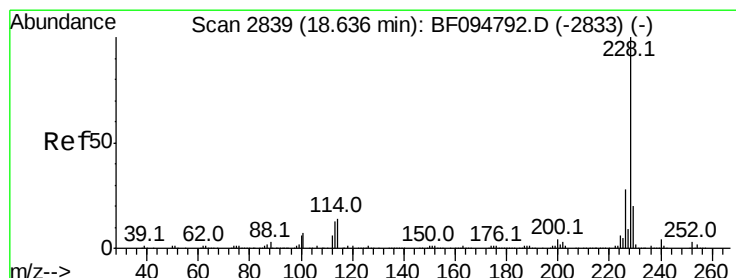
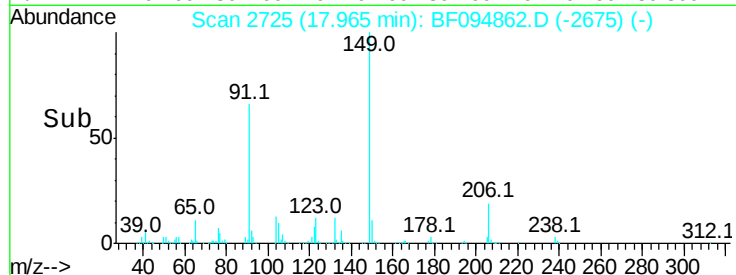
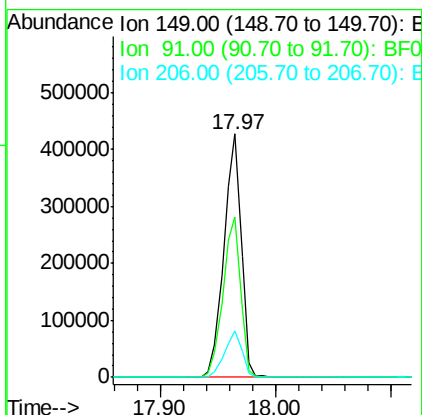
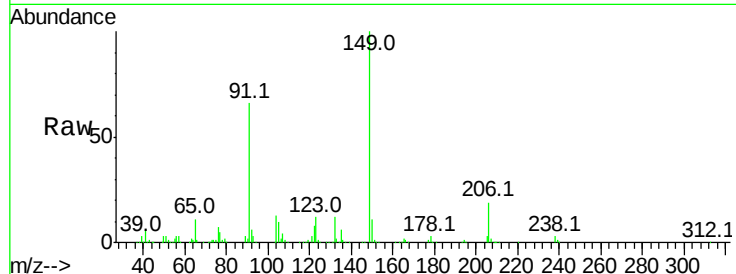




#79
Butylbenzylphthalate
Concen: 43.44 ng
RT: 17.97 min Scan# 2725
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

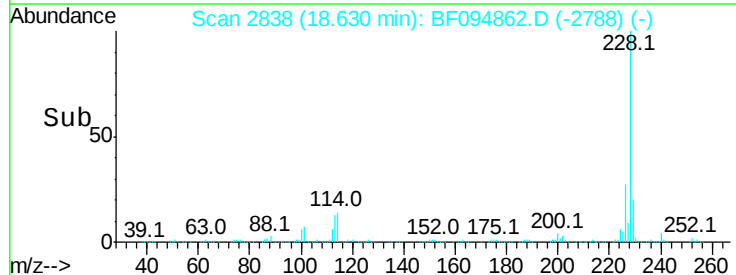
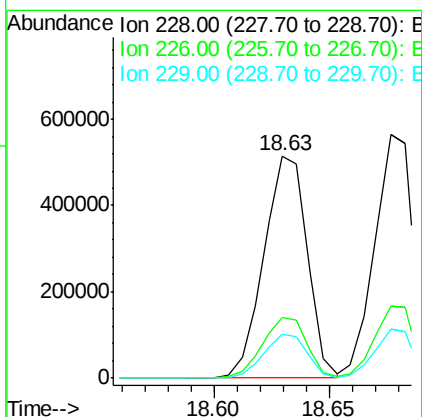
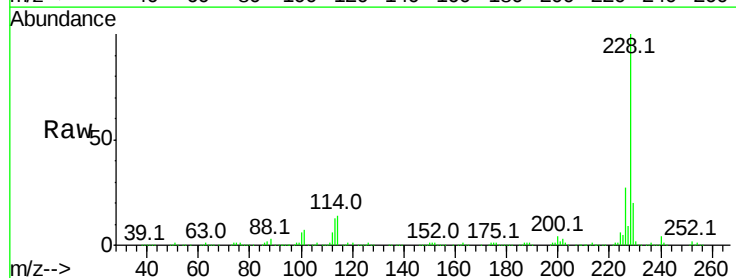
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	45.0	67.4
206	19.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.07 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.7	16.3	24.5

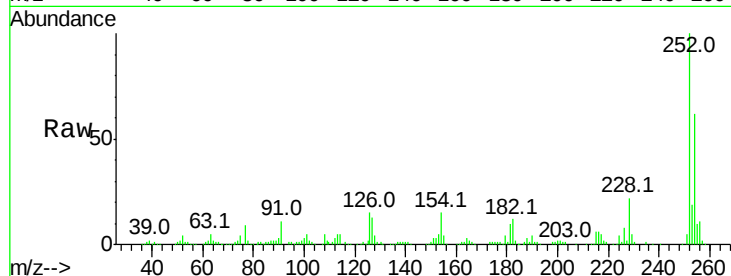




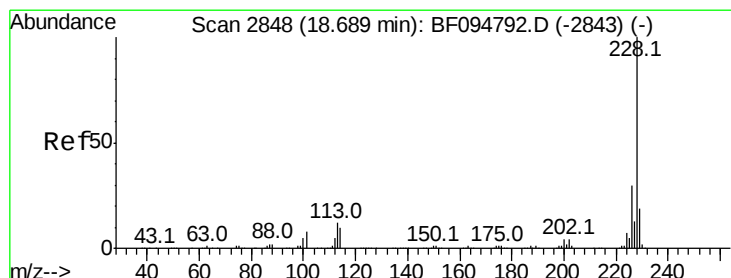
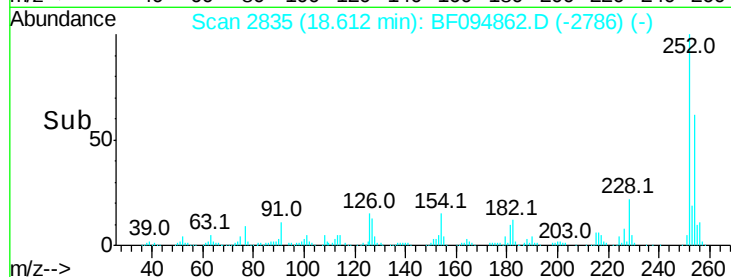
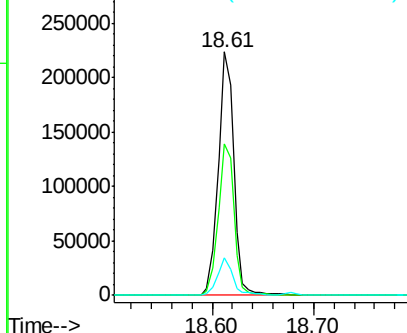
#81
 3,3'-Dichlorobenzidine
 Concen: 40.69 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.5	77.3
126	15.3	15.8	23.8

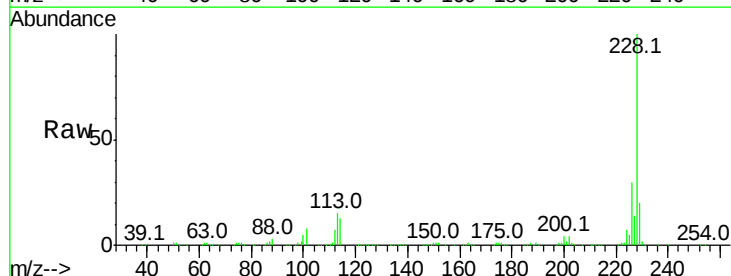


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

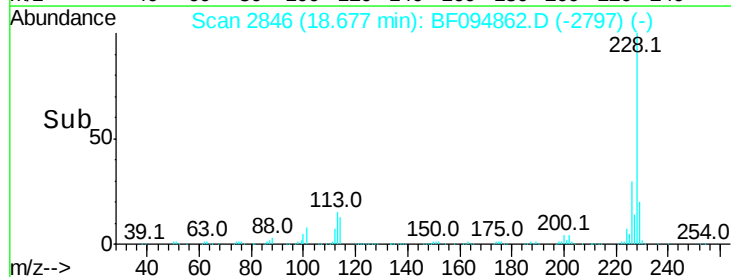
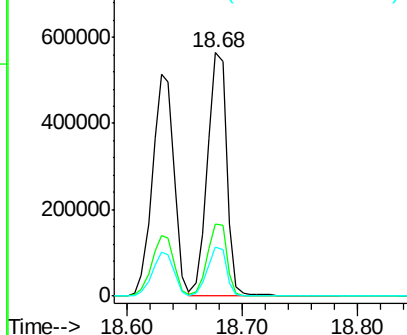


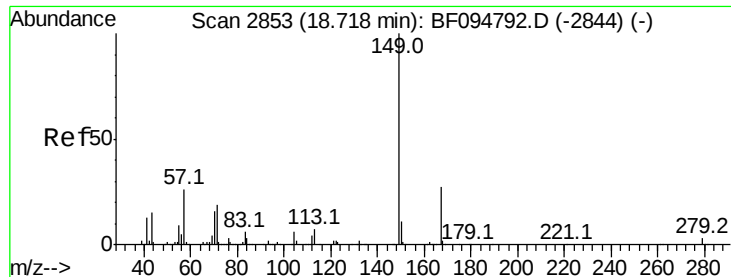
#82
 Chrysene
 Concen: 39.60 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	19.9	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

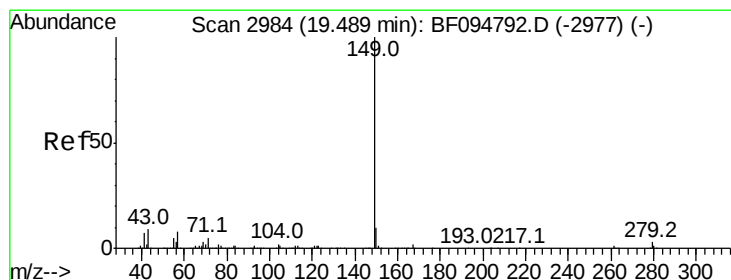
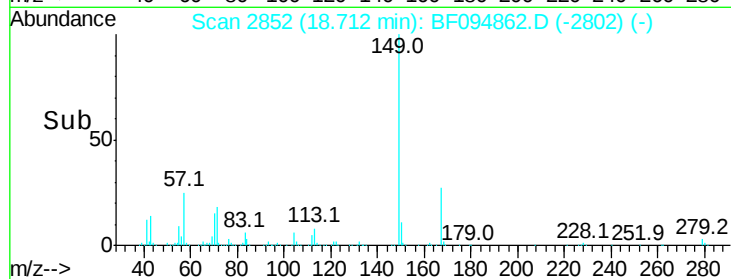
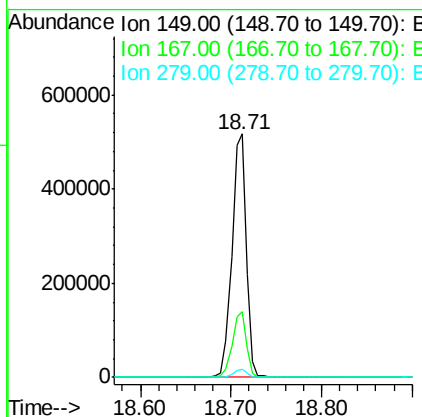
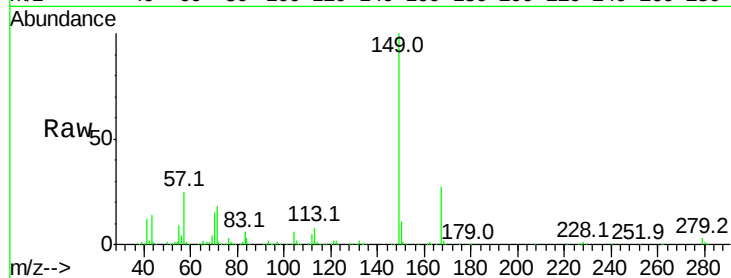




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.49 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

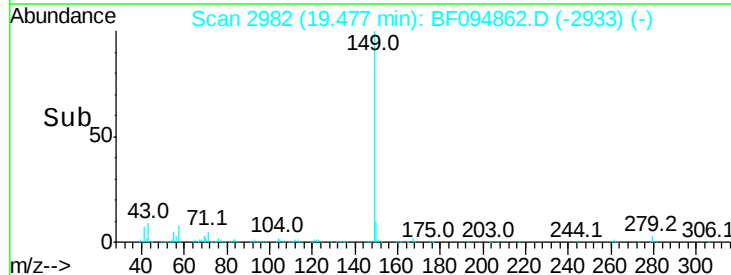
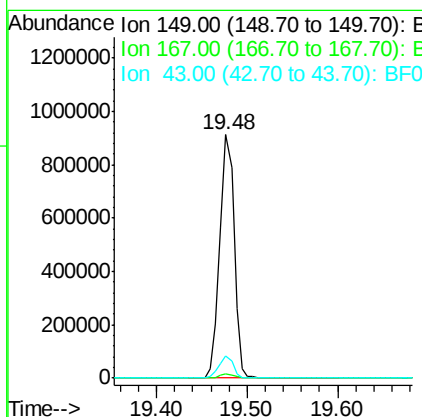
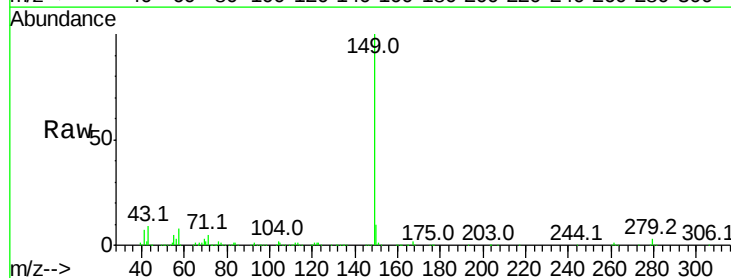
Instrument :
 BNA_F
 ClientSampleId :

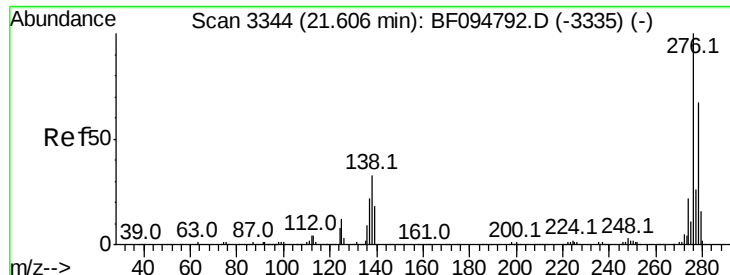
Tot Ion:149 Resp: 576592
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.95 ng
 RT: 19.48 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion:149 Resp: 1004259
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.9 8.5 12.7

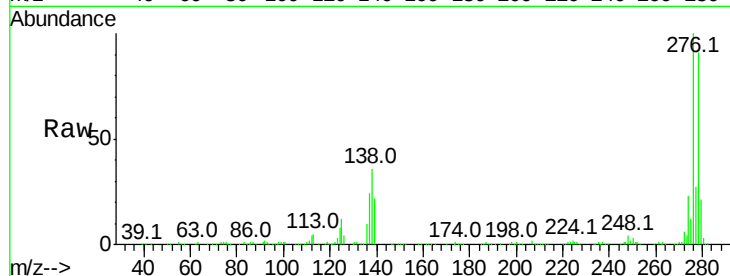




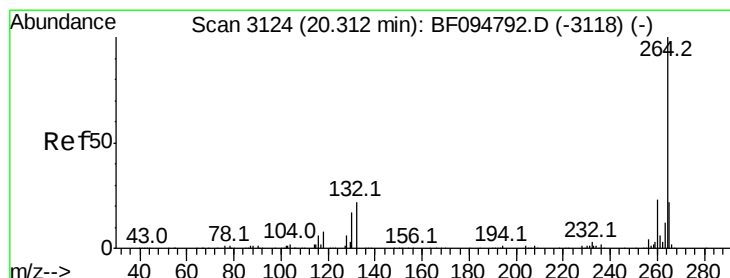
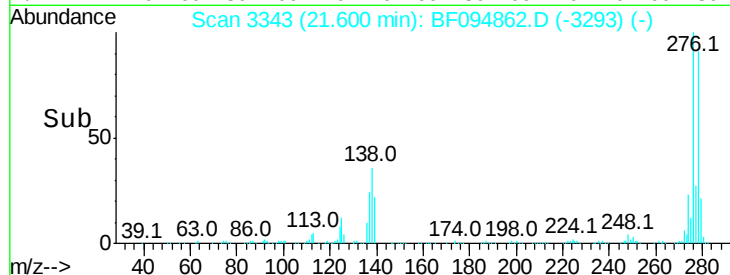
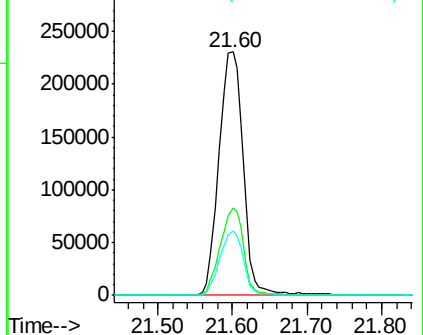
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.03 ng
 RT: 21.60 min Scan# 3343
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	25.8	20.2	30.4

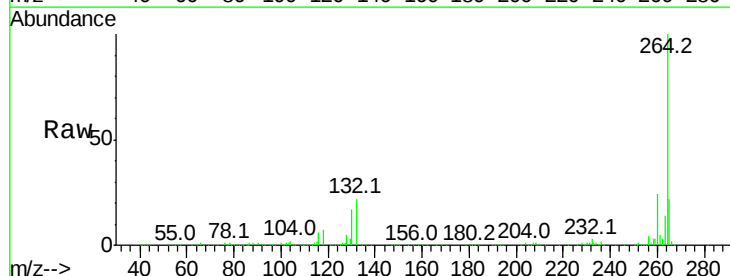


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

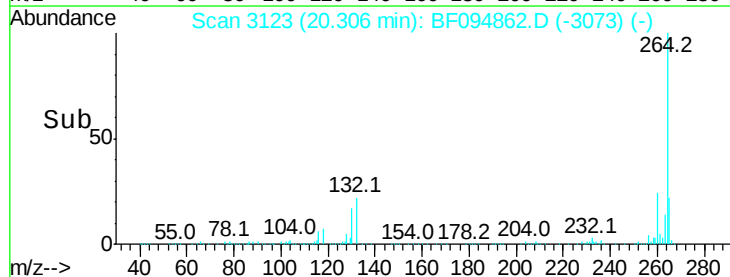
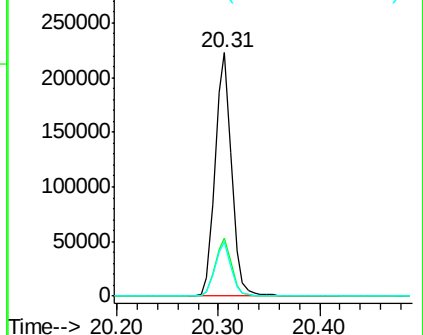


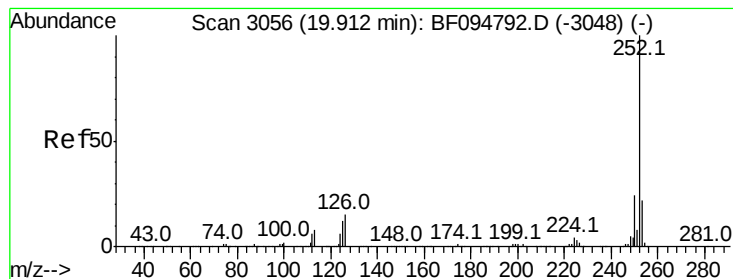
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	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: 41.14 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094862.D

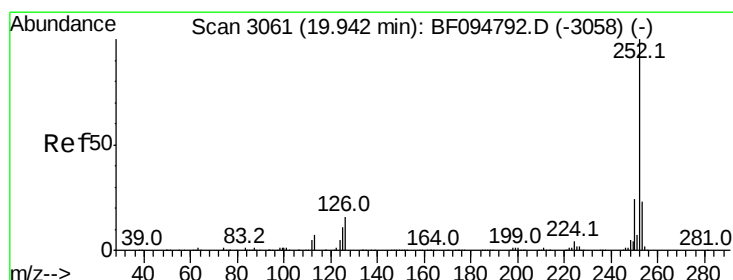
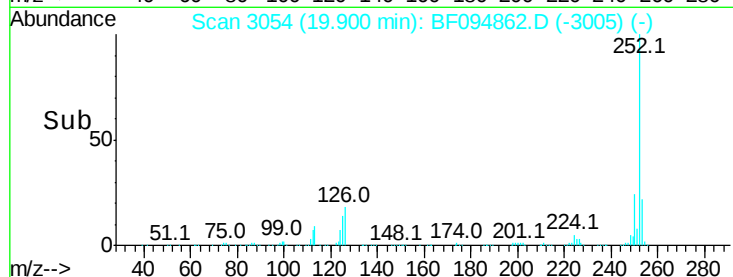
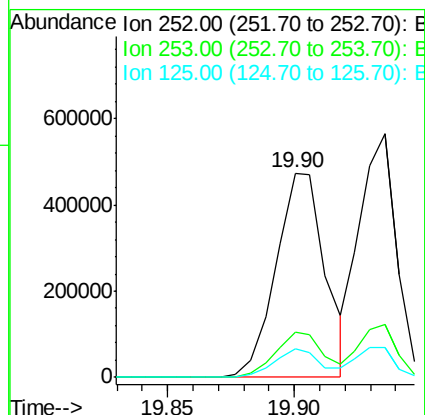
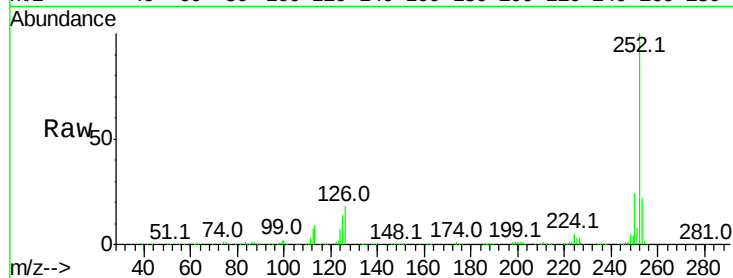
Acq: 4 May 2017 7:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	642126
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.8	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 42.65 ng

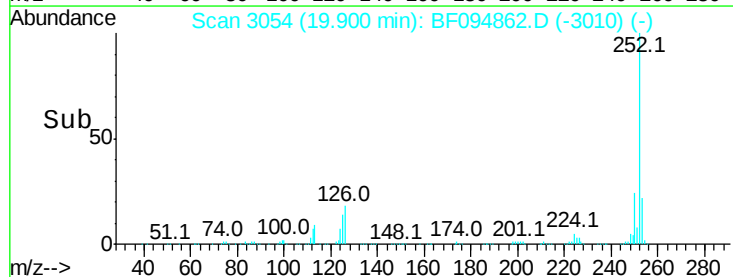
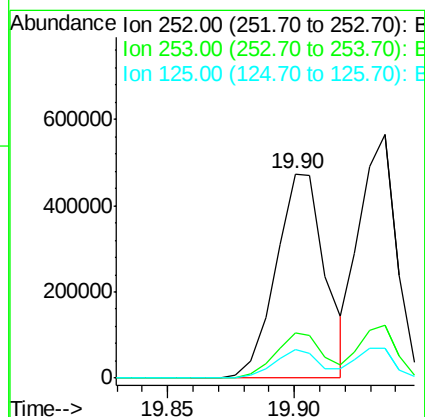
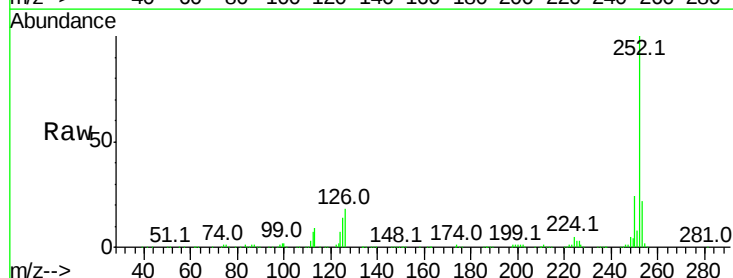
RT: 19.90 min Scan# 3054

Delta R.T. -0.04 min

Lab File: BF094862.D

Acq: 4 May 2017 7:13

Tgt Ion:	252	Resp:	642126
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.8	13.1	19.7

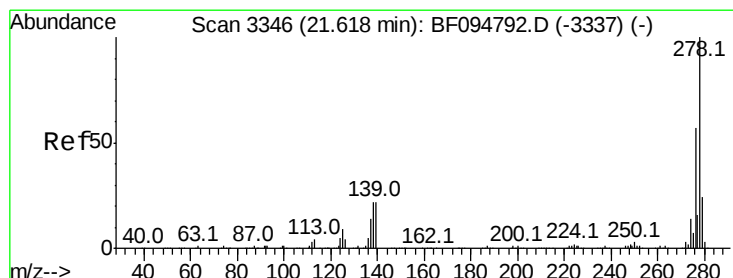
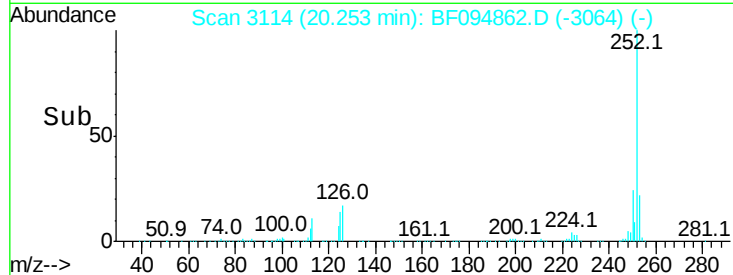
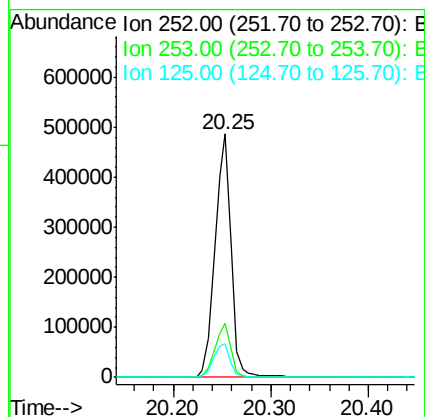
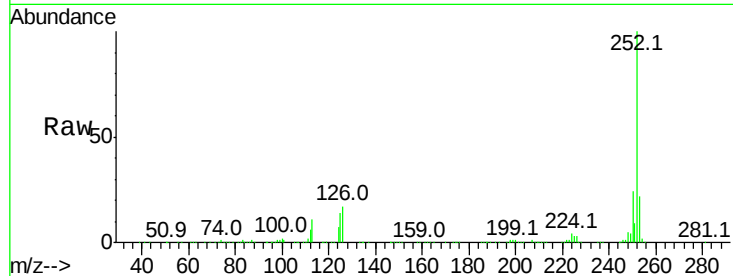




#89
Benzo(a)pyrene
Concen: 38.27 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

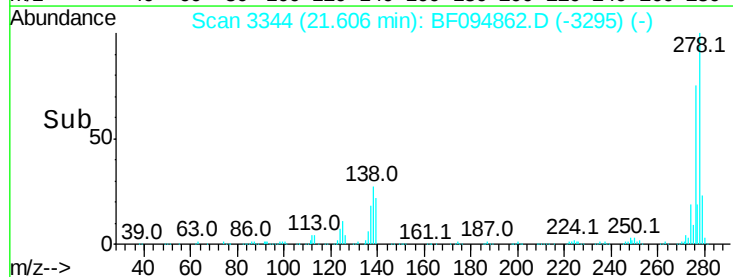
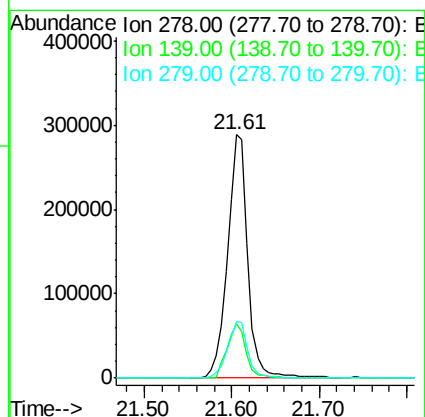
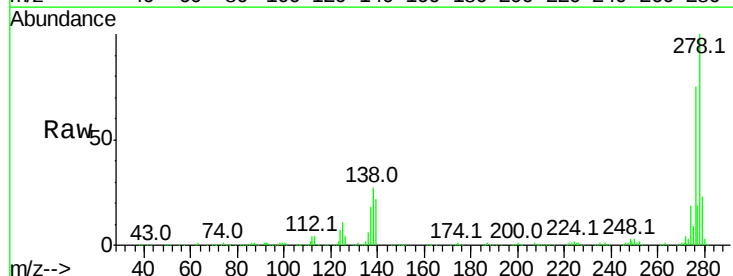
Instrument :
BNA_F
ClientSampleId :

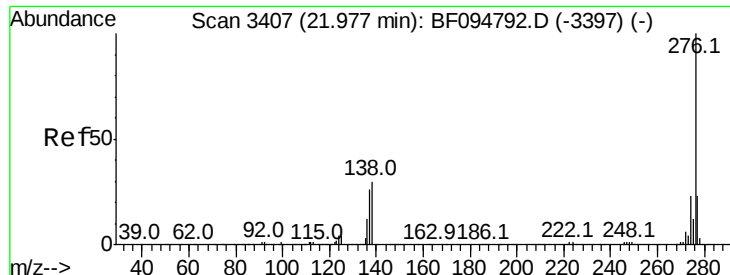
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.73 ng
RT: 21.61 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BF094862.D
Acq: 4 May 2017 7:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	23.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.45 ng
 RT: 21.97 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: BF094862.D
 Acq: 4 May 2017 7:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	437157
Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	29.7	25.4	38.0

