

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094120.D
 Acq On : 3 Apr 2017 14:59
 Operator : SJ/MA
 Sample : PB97987BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Quant Time: Apr 04 01:03:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	170605	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	689569	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	321805	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	572554	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	450289	20.00	ng	-0.01
86) Perylene-d12	16.24	264	328346	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1285138	127.23	ng	0.00
7) Phenol-d6	5.50	99	1596223	127.74	ng	0.00
23) Nitrobenzene-d5	6.54	82	1014501	83.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	364254	143.24	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	1878794	89.05	ng	-0.01
78) Terphenyl-d14	13.34	244	1610506	80.17	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	166513	34.31	ng	97
3) Pyridine	2.78	79	486375	36.77	ng	97
4) n-Nitrosodimethylamine	2.74	42	230087	42.28	ng	89
6) Aniline	5.52	93	478298	27.52	ng	# 1
8) 2-Chlorophenol	5.66	128	503798	45.38	ng	97
9) Benzaldehyde	5.38	77	383929	45.50	ng	97
10) Phenol	5.52	94	592222	41.65	ng	86
11) bis(2-Chloroethyl)ether	5.60	93	472886	42.55	ng	98
12) 1,3-Dichlorobenzene	5.82	146	540905	43.43	ng	100
13) 1,4-Dichlorobenzene	5.91	146	543361	43.08	ng	97
14) 1,2-Dichlorobenzene	6.09	146	505873	43.55	ng	95
15) Benzyl Alcohol	6.06	79	409467	44.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.22	45	656228	38.32	ng	96
17) 2-Methylphenol	6.20	107	419304	44.10	ng	97
18) Hexachloroethane	6.47	117	194013	43.76	ng	# 82
19) n-Nitroso-di-n-propylamine	6.37	70	352942	43.95	ng	98
20) 3+4-Methylphenols	6.39	107	549913	47.75	ng	# 62
22) Acetophenone	6.36	105	704314	45.83	ng	# 86
24) Nitrobenzene	6.56	77	520209	43.65	ng	94
25) Isophorone	6.85	82	929424	43.77	ng	96
26) 2-Nitrophenol	6.94	139	286492	50.41	ng	100
27) 2,4-Dimethylphenol	7.01	122	463202	47.30	ng	97
28) bis(2-Chloroethoxy)methane	7.11	93	606761	43.34	ng	99
29) 2,4-Dichlorophenol	7.23	162	444999	48.60	ng	97
30) 1,2,4-Trichlorobenzene	7.33	180	427581	45.34	ng	98
31) Naphthalene	7.42	128	1426366	43.02	ng	99
32) Benzoic acid	7.16	122	141141	21.65	ng	95
33) 4-Chloroaniline	7.49	127	286806	21.34	ng	94
34) Hexachlorobutadiene	7.57	225	217496	44.97	ng	98
35) Caprolactam	7.93	113	71285	24.41	ng	94
36) 4-Chloro-3-methylphenol	8.11	107	472432	49.38	ng	88
37) 2-Methylnaphthalene	8.26	142	1016860	46.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.47	216	372015	42.26	ng	99
40) Hexachlorocyclopentadiene	8.46	237	374843	90.99	ng	98

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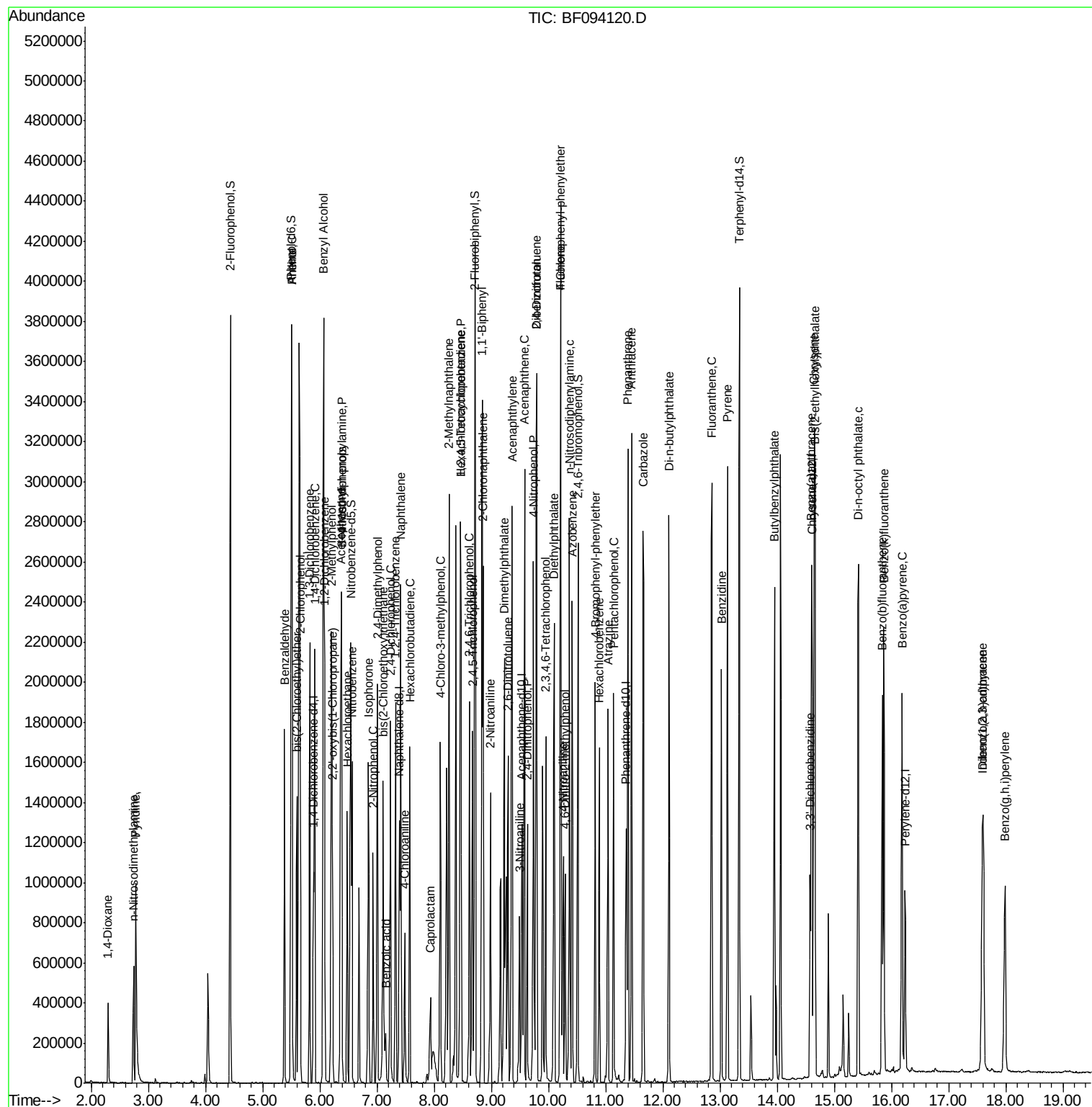
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.62	196	301515	48.41	nq	100
43) 2,4,5-Trichlorophenol	8.67	196	301843	44.79	nq	94
45) 1,1'-Biphenyl	8.84	154	1127330	43.43	nq	98
46) 2-Chloronaphthalene	8.86	162	899297	44.26	nq	95
47) 2-Nitroaniline	8.99	65	274332	45.51	nq	# 84
48) Acenaphthylene	9.36	152	1421377	42.09	nq	99
49) Dimethylphthalate	9.23	163	1083160	47.35	nq	99
50) 2,6-Dinitrotoluene	9.29	165	250245	47.72	nq	94
51) Acenaphthene	9.58	154	845208	42.90	nq	99
52) 3-Nitroaniline	9.49	138	160982	26.14	nq	89
53) 2,4-Dinitrophenol	9.63	184	194268	69.86	nq	# 71
54) Dibenzofuran	9.79	168	1226276	45.72	nq	100
55) 4-Nitrophenol	9.75	139	376168	78.01	nq	# 71
56) 2,4-Dinitrotoluene	9.79	165	301319	45.74	nq	# 65
57) Fluorene	10.21	166	944331	42.45	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	222867	48.20	nq	98
59) Diethylphthalate	10.10	149	1058696	46.83	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	408133	43.07	nq	88
61) 4-Nitroaniline	10.26	138	278825	47.19	nq	95
62) Azobenzene	10.42	77	1026754	48.01	nq	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	149828	42.73	nq	# 74
65) n-Nitrosodiphenylamine	10.37	169	896531	45.28	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	260751	46.31	nq	95
67) Hexachlorobenzene	10.89	284	266695	46.79	nq	# 93
68) Atrazine	11.05	200	267364	45.08	nq	97
69) Pentachlorophenol	11.14	266	228059	64.28	nq	99
70) Phenanthrene	11.39	178	1397962	43.89	nq	99
71) Anthracene	11.46	178	1451481	44.26	nq	99
72) Carbazole	11.66	167	1371188	40.78	nq	98
73) Di-n-butylphthalate	12.11	149	1660491	47.48	nq	100
74) Fluoranthene	12.86	202	1467028	44.98	nq	98
76) Benzidine	13.03	184	869176	48.77	nq	# 93
77) Pyrene	13.13	202	1465177	44.84	nq	99
79) Butylbenzylphthalate	13.95	149	695891	49.98	nq	# 87
80) Benzo(a)anthracene	14.60	228	1200988	45.74	nq	100
81) 3,3'-Dichlorobenzidine	14.57	252	200080	21.32	nq	# 95
82) Chrysene	14.65	228	1038226	42.61	nq	99
83) Bis(2-ethylhexyl)phthalate	14.66	149	945016	49.75	nq	# 100
84) Di-n-octyl phthalate	15.42	149	1509699	47.57	nq	97
85) Indeno(1,2,3-cd)pyrene	17.59	276	814347	38.59	nq	99
87) Benzo(b)fluoranthene	15.84	252	955308	47.47	nq	98
88) Benzo(k)fluoranthene	15.87	252	916029	46.52	nq	97
89) Benzo(a)pyrene	16.19	252	867888	46.83	nq	99
90) Dibenzo(a,h)anthracene	17.61	278	682559	43.49	nq	98
91) Benzo(g,h,i)perylene	17.99	276	687183	43.44	nq	98

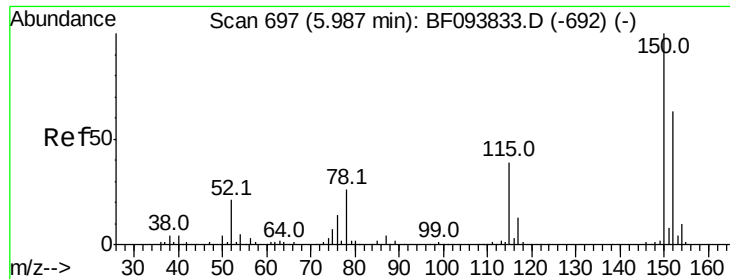
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

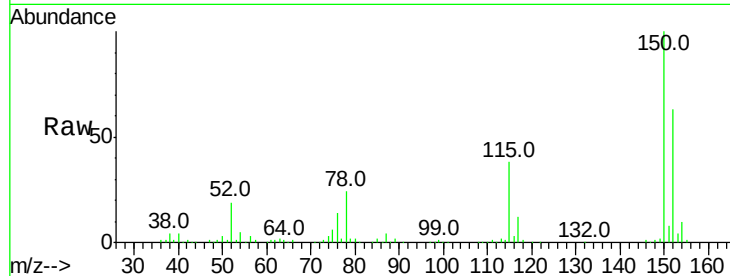
Tot Ion:152 Resp: 170605

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

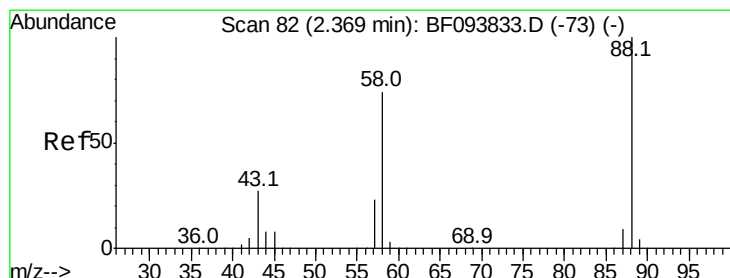
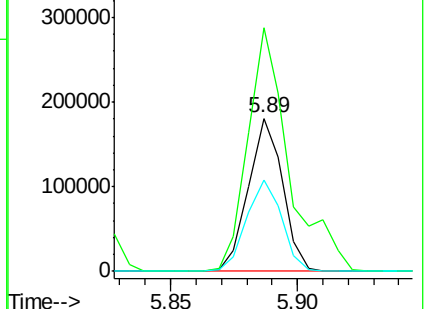
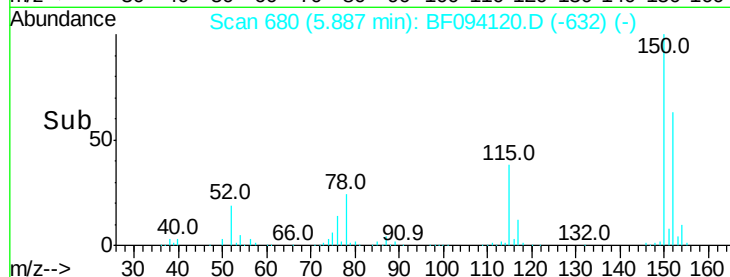
115 59.6 52.2 78.2



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: 34.31 ng

RT: 2.29 min Scan# 69

Delta R.T. 0.04 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

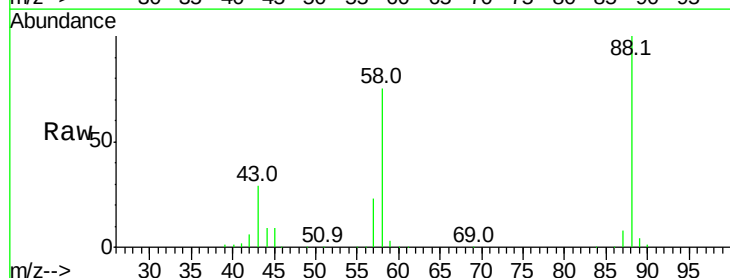
Tgt Ion: 88 Resp: 166513

Ion Ratio Lower Upper

88 100

58 73.4 61.4 92.0

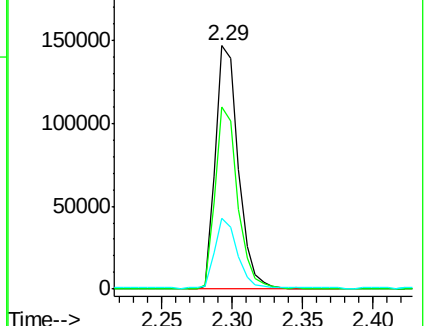
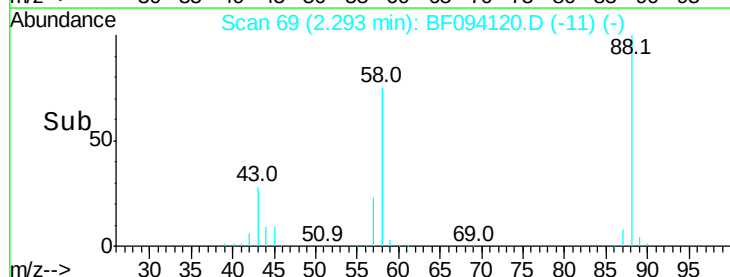
43 27.9 23.4 35.0

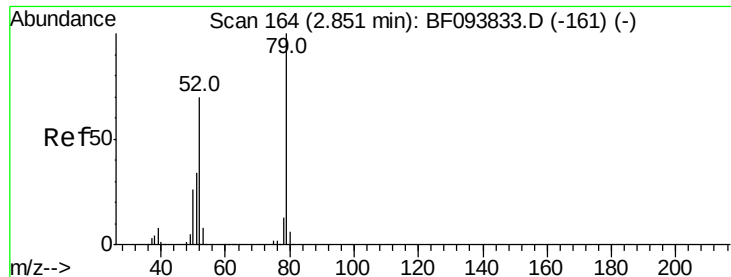


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.77 ng

RT: 2.78 min Scan# 151

Delta R.T. 0.03 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

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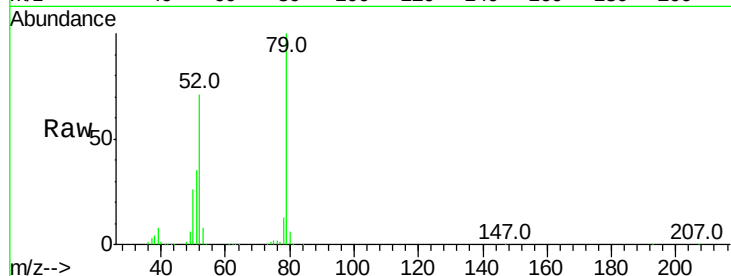
Tot Ion: 79 Resp: 486375

Ion Ratio Lower Upper

79 100

52 71.3 54.8 82.2

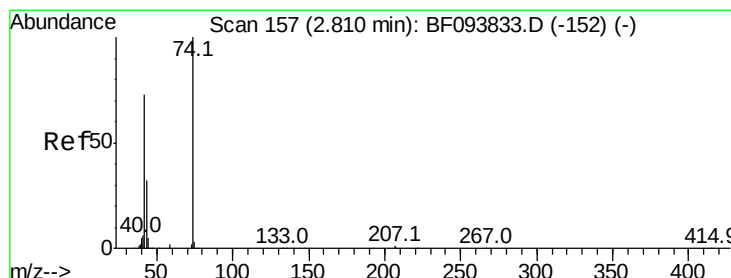
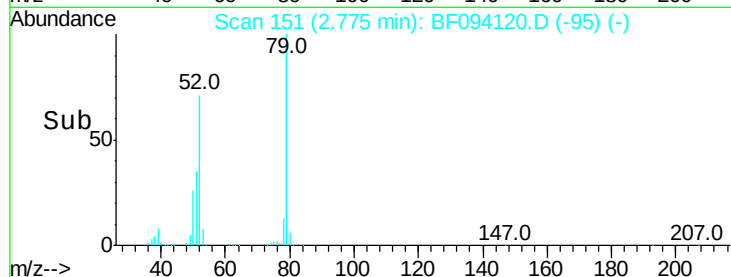
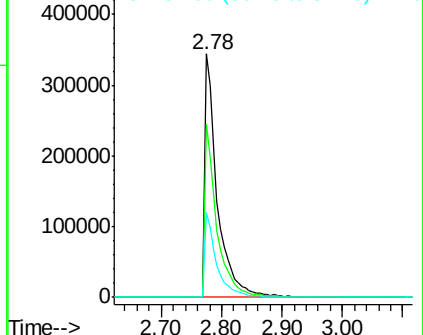
51 35.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.28 ng

RT: 2.74 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

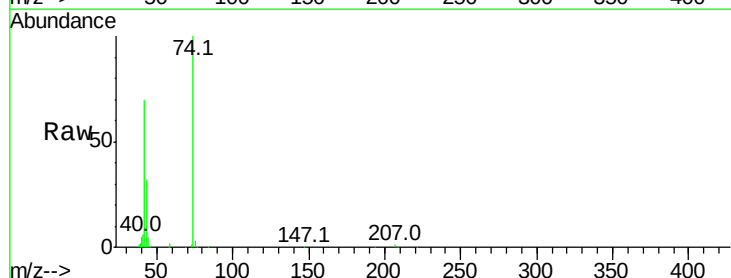
Tgt Ion: 42 Resp: 230087

Ion Ratio Lower Upper

42 100

74 143.8 103.9 155.9

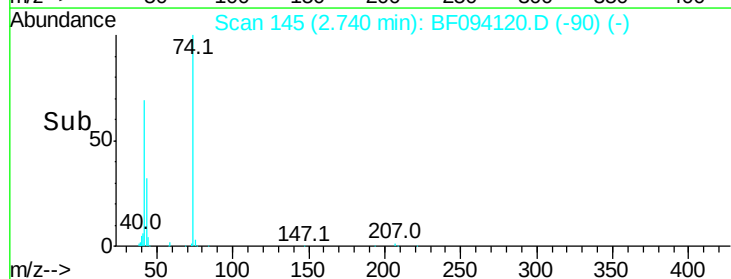
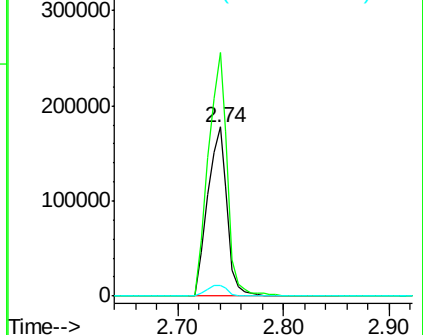
44 6.6 5.7 8.5

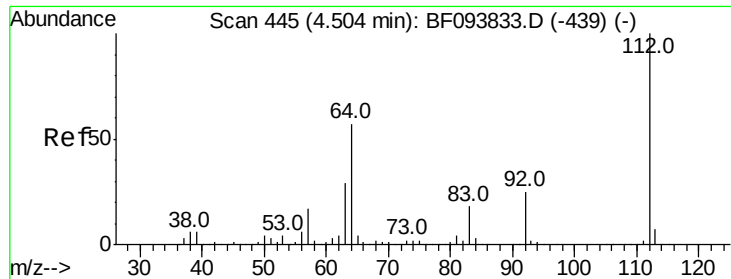


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

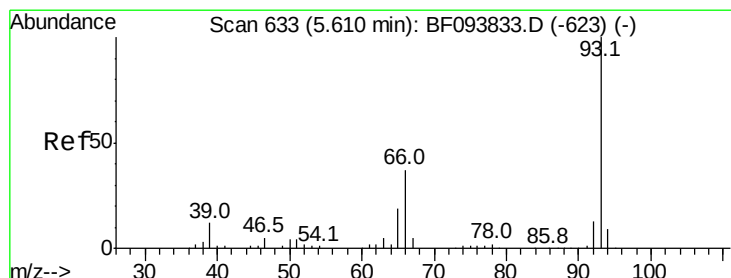
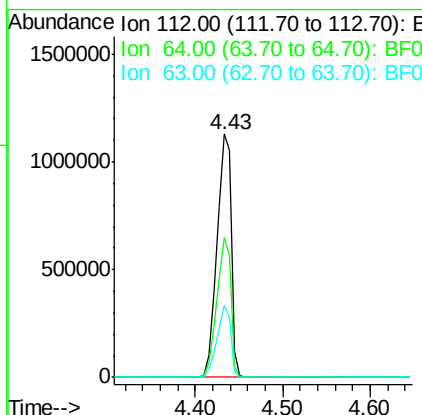
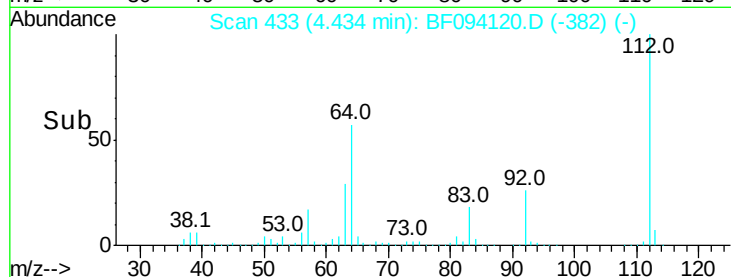
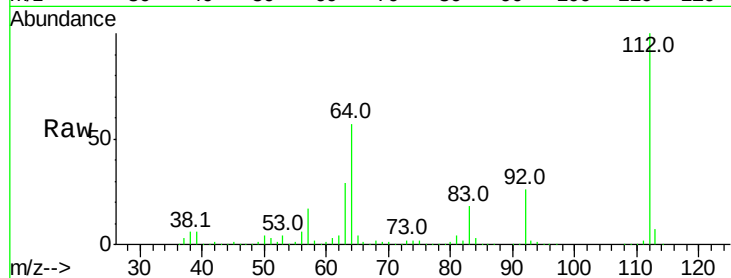




#5
 2-Fluorophenol
 Concen: 127.23 ng
 RT: 4.43 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

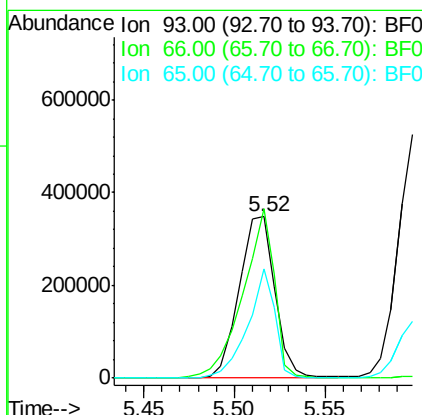
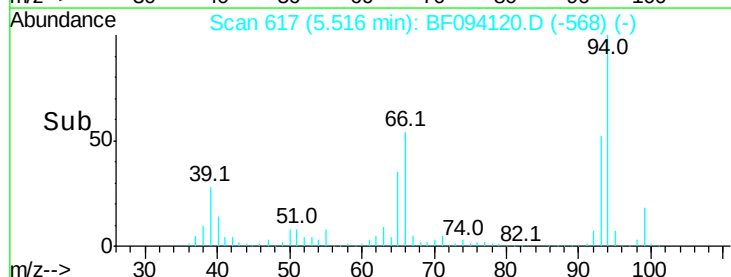
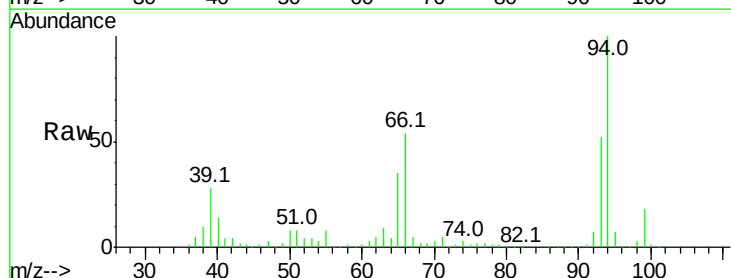
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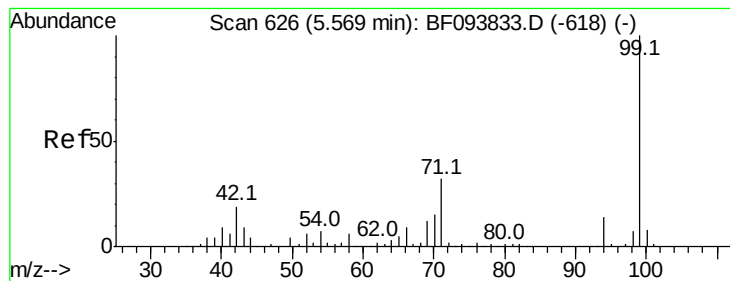
Tot Ion:112 Resp: 1285138
 Ion Ratio Lower Upper
 112 100
 64 57.5 46.0 69.0
 63 29.4 23.4 35.0



#6
 Aniline
 Concen: 27.52 ng
 RT: 5.52 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion: 93 Resp: 478298
 Ion Ratio Lower Upper
 93 100
 66 104.6 32.9 49.3#
 65 67.6 16.0 24.0#





#7

Phenol-d6

Concen: 127.74 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

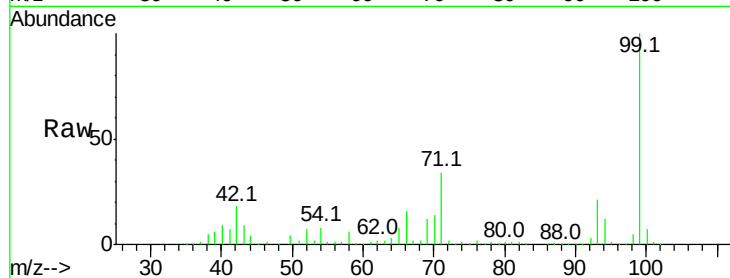
Tot Ion: 99 Resp: 1596223

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

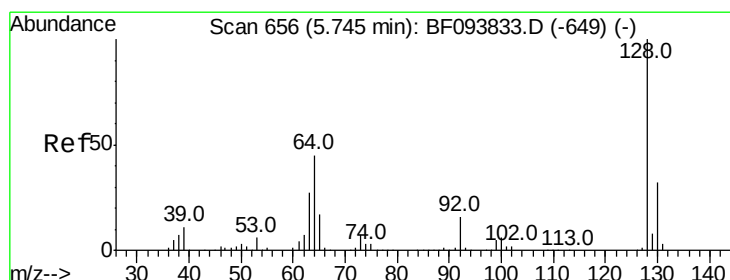
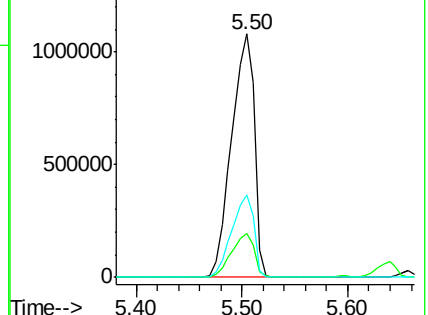
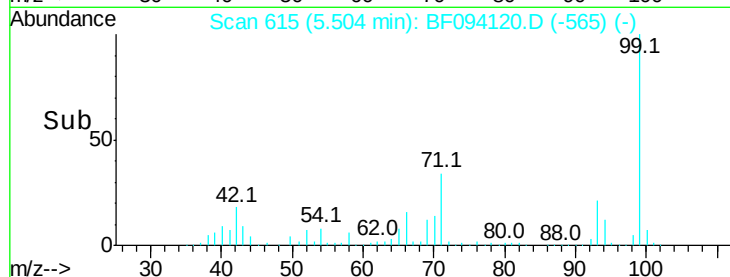
71 33.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.38 ng

RT: 5.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

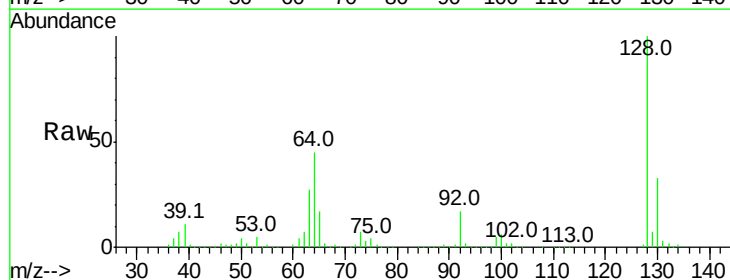
Tgt Ion:128 Resp: 503798

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

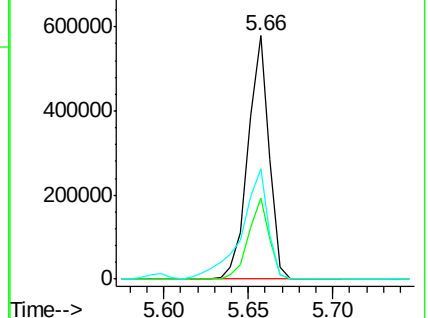
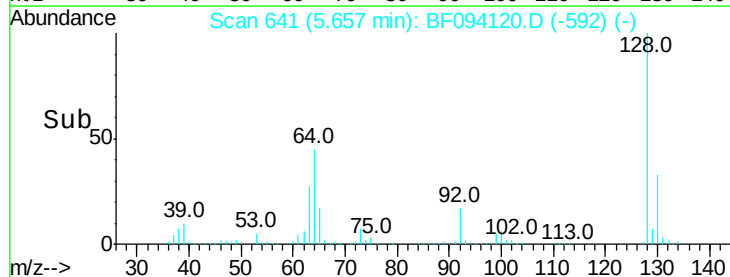
64 45.5 28.4 68.4

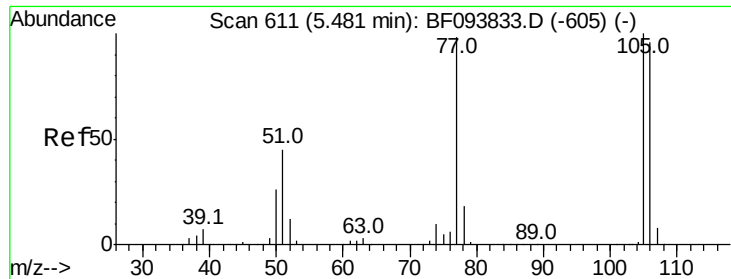


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

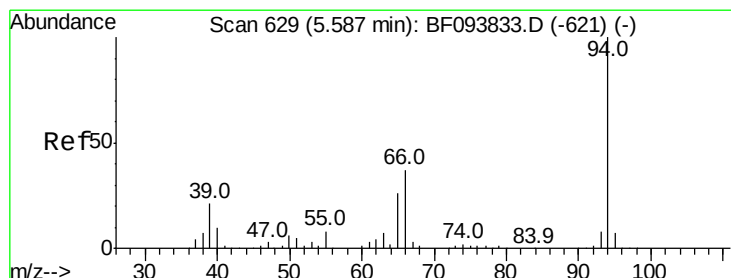
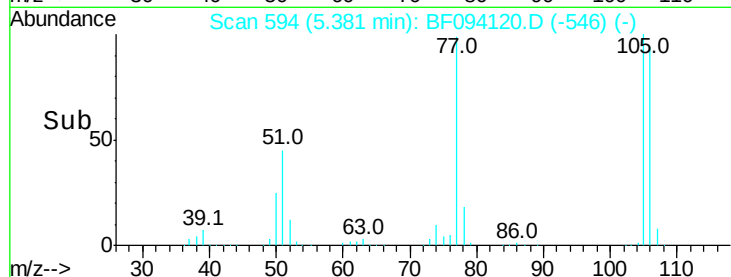
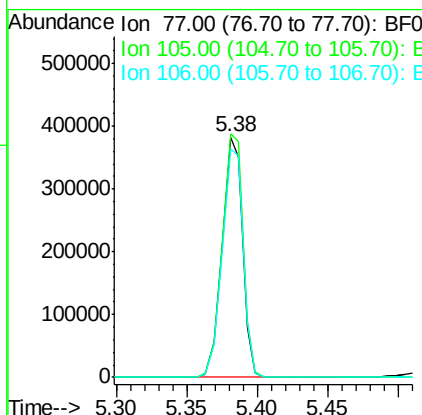
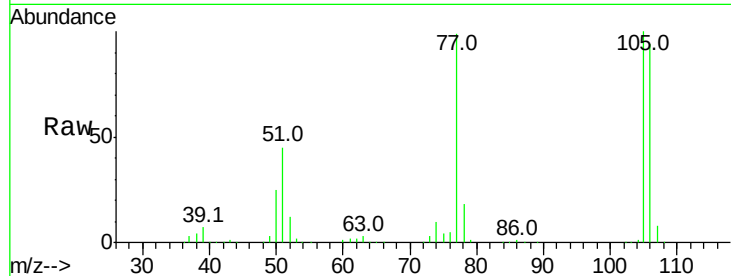




#9
Benzaldehyde
Concen: 45.50 ng
RT: 5.38 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

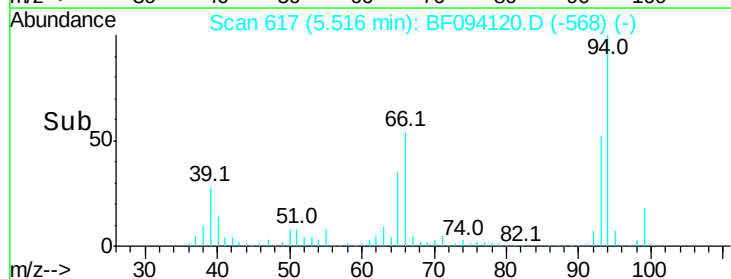
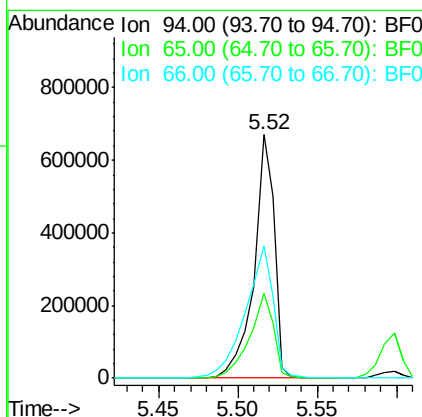
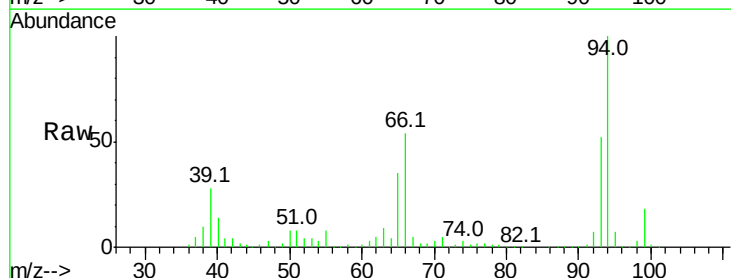
Instrument :
BNA_F
ClientSampleId :
PB97987BS

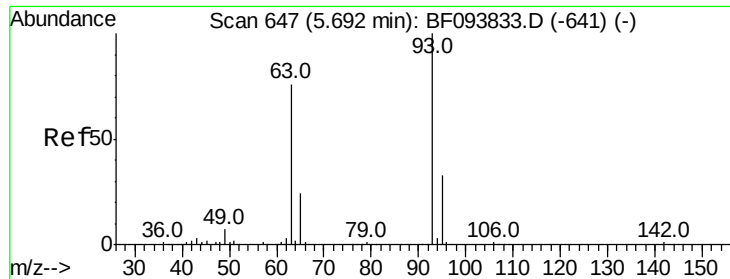
Tot Ion: 77 Resp: 383929
Ion Ratio Lower Upper
77 100
105 101.3 83.8 123.8
106 94.7 79.1 119.1



#10
Phenol
Concen: 41.65 ng
RT: 5.52 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion: 94 Resp: 592222
Ion Ratio Lower Upper
94 100
65 35.1 9.9 49.9
66 54.4 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.55 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

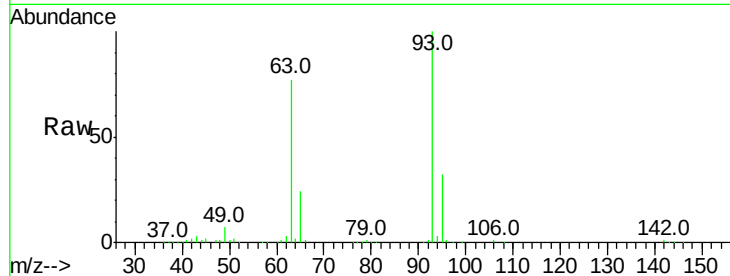
Tot Ion: 93 Resp: 472886

Ion Ratio Lower Upper

93 100

63 76.6 59.2 99.2

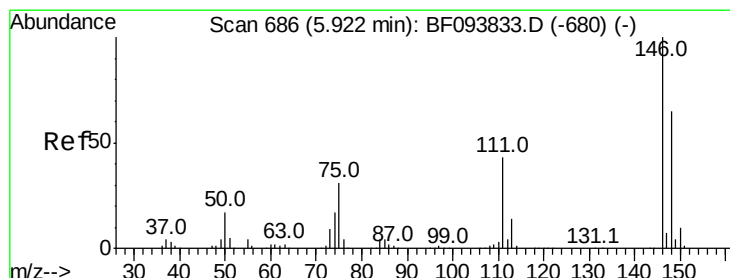
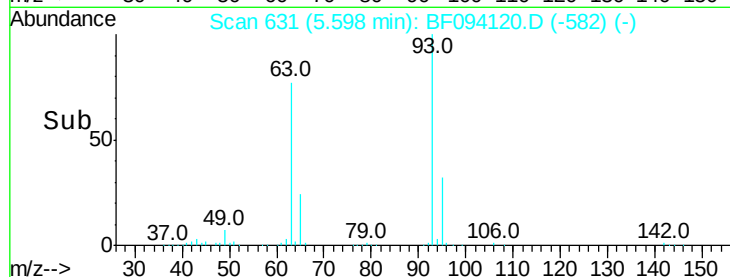
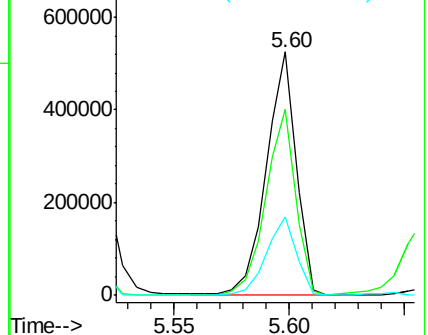
95 32.4 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.43 ng

RT: 5.82 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

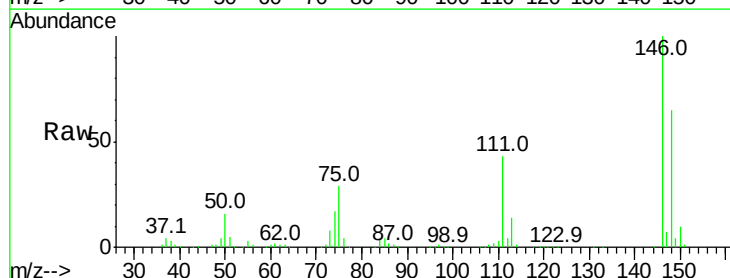
Tgt Ion: 146 Resp: 540905

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

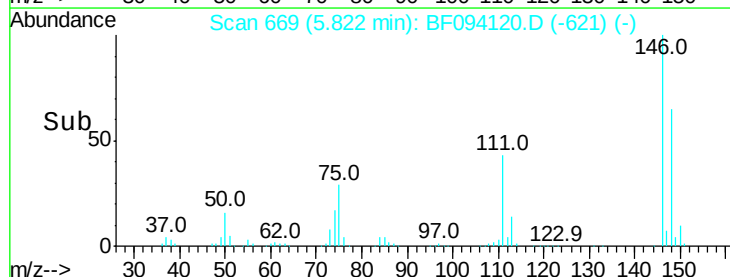
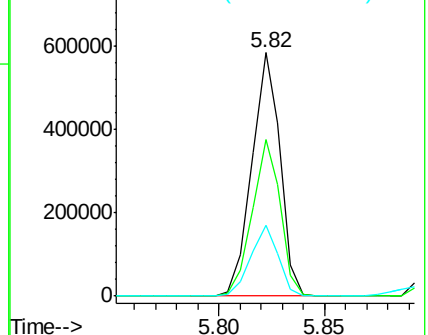
75 29.3 23.1 34.7

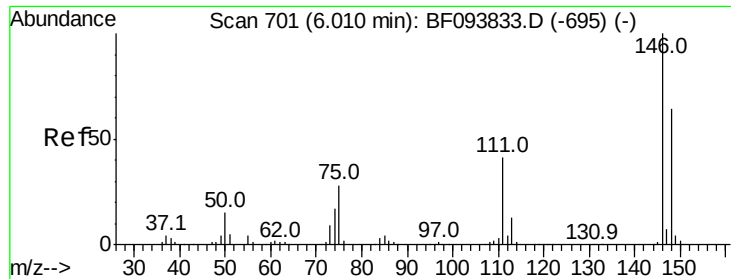


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

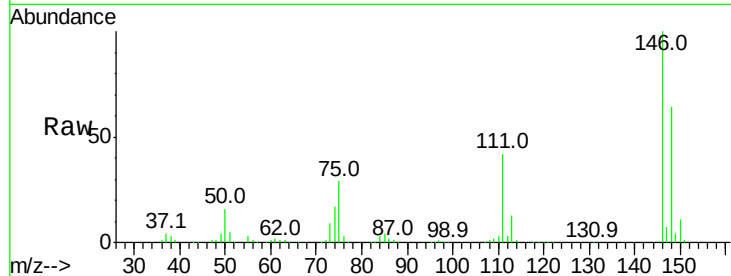




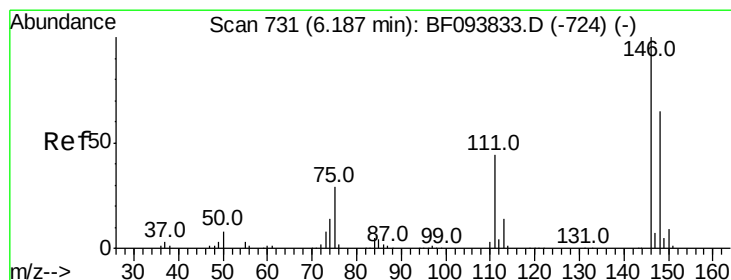
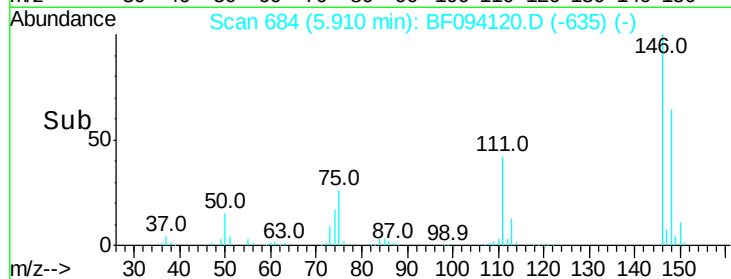
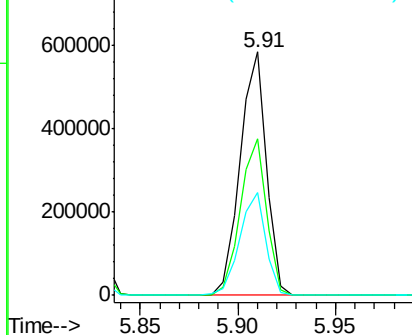
#13
 1,4-Dichlorobenzene
 Concen: 43.08 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion:146 Resp: 543361
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 42.2 30.3 45.5

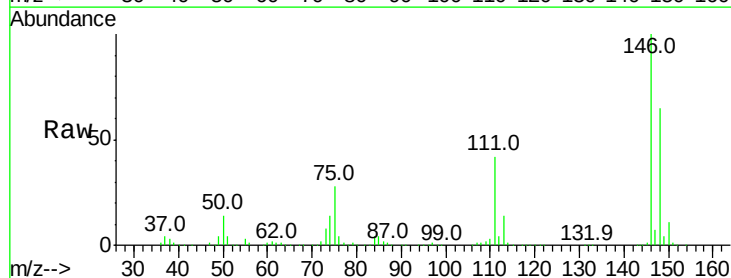


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

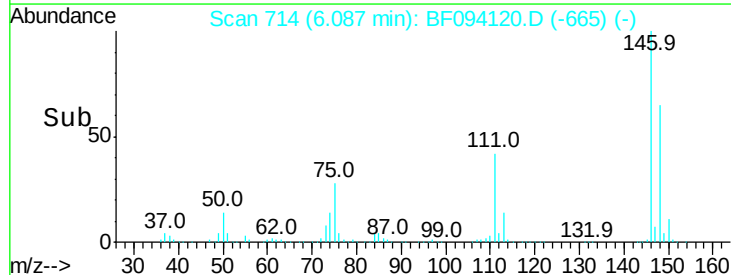
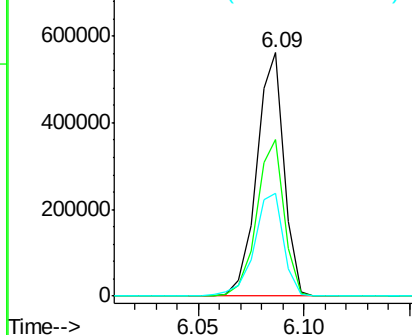


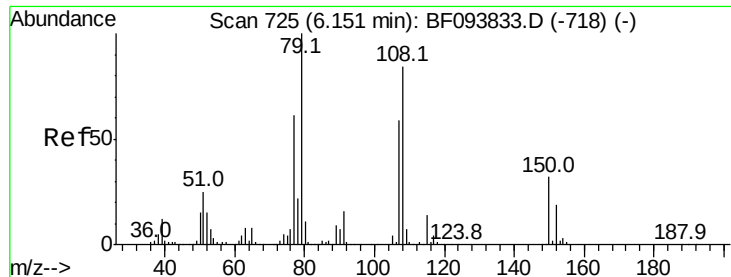
#14
 1,2-Dichlorobenzene
 Concen: 43.55 ng
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:146 Resp: 505873
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 42.0 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: 44.77 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

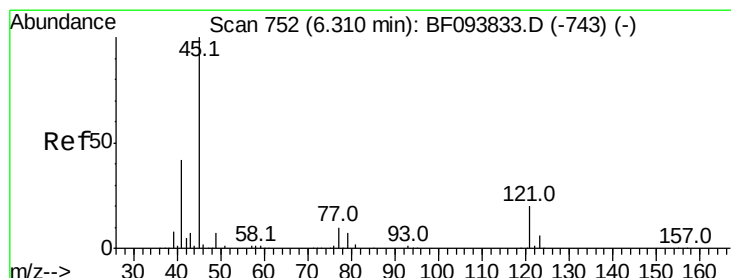
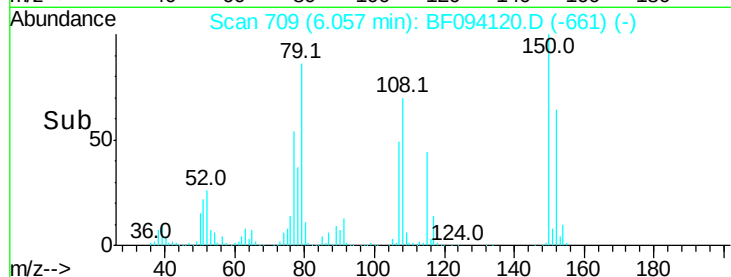
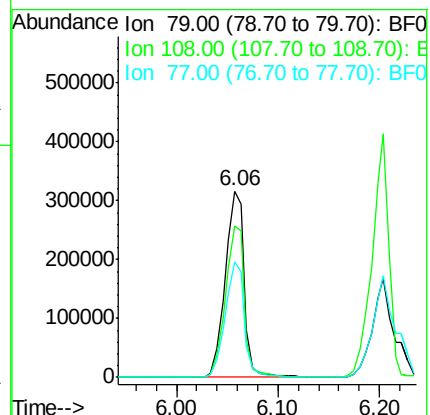
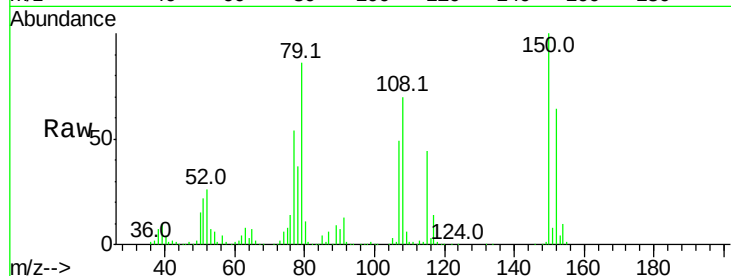
Tot Ion: 79 Resp: 409467

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

77 62.3 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.32 ng

RT: 6.22 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

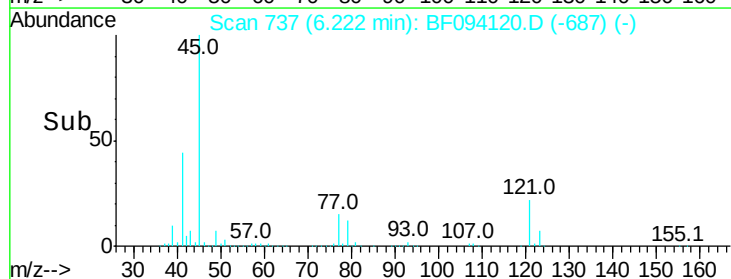
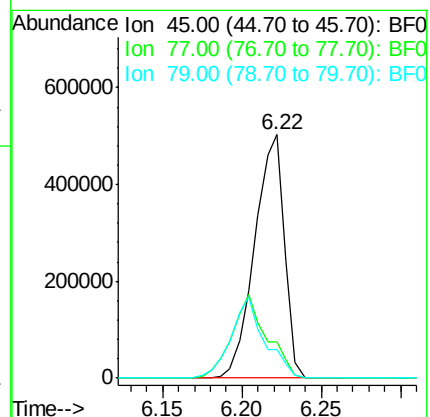
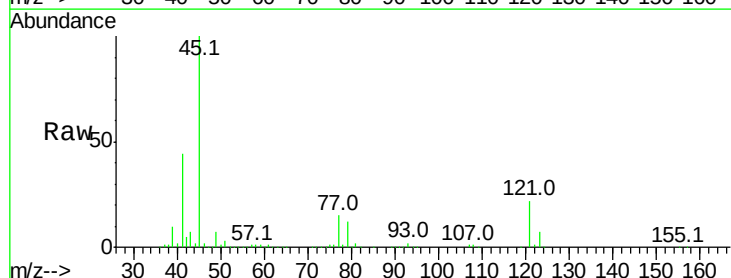
Tgt Ion: 45 Resp: 656228

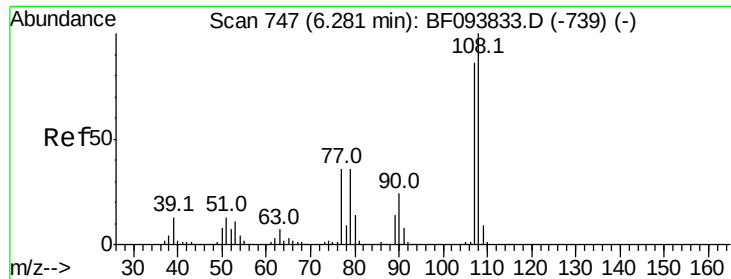
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.2

79 11.7 0.0 30.0

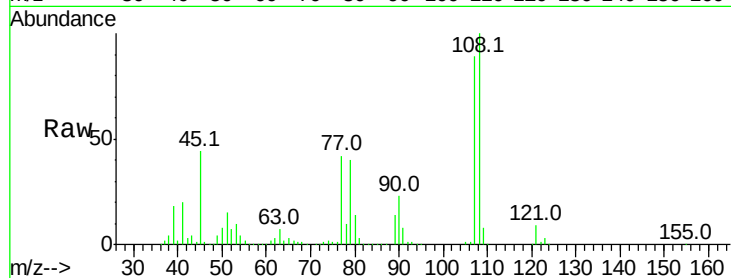




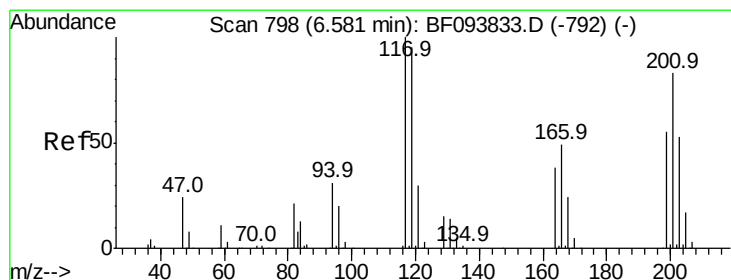
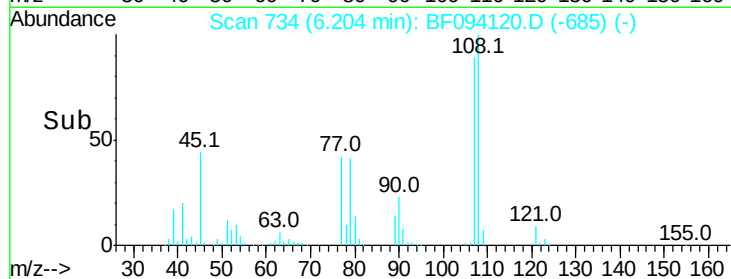
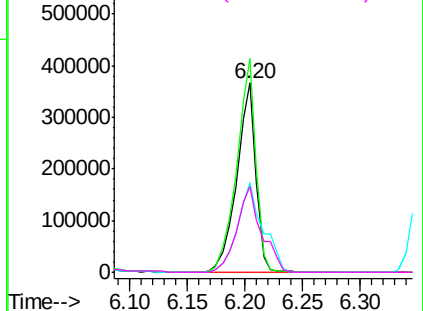
#17
2-Methylphenol
Concen: 44.10 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion:	107	Resp:	419304
Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.4	140.0
77	47.0	35.8	53.6
79	45.6	34.8	52.2

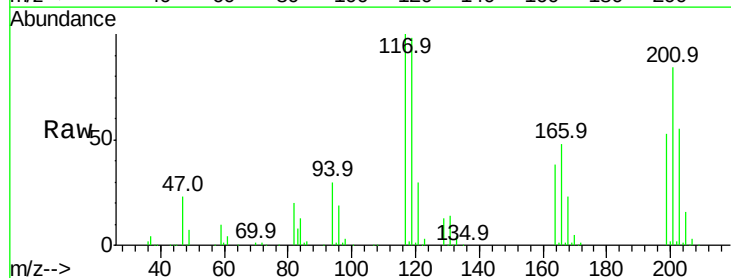


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

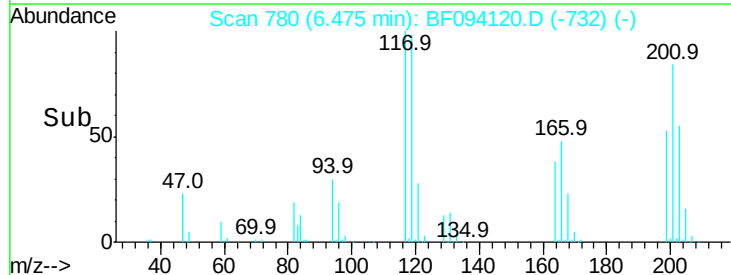
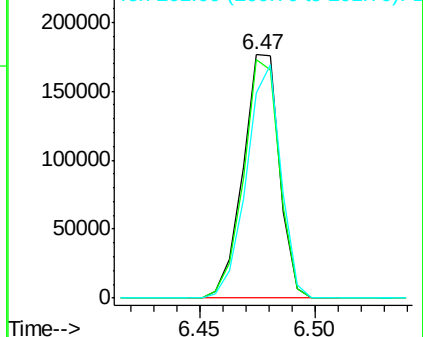


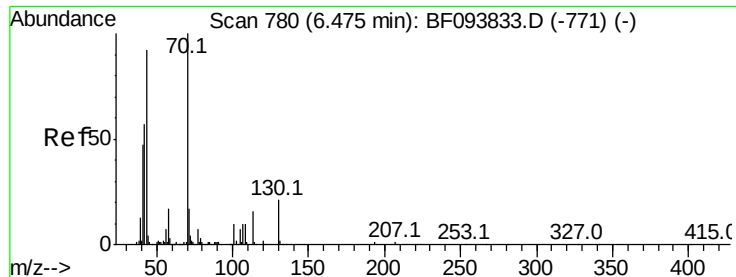
#18
Hexachloroethane
Concen: 43.76 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:	117	Resp:	194013
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
201	84.4	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

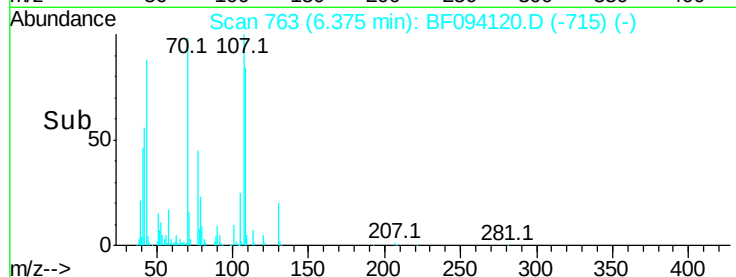
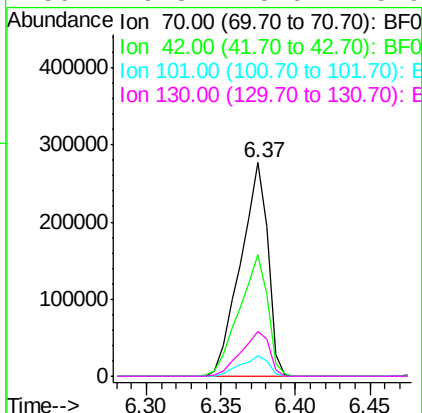
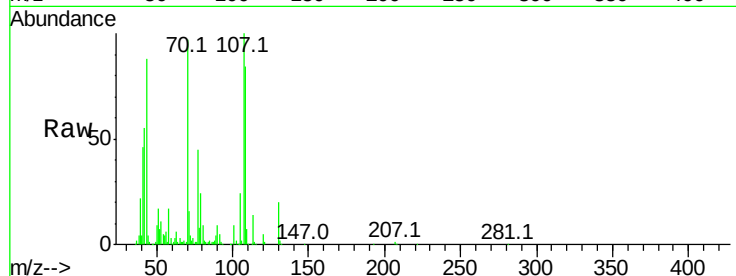




#19
n-Nitroso-di-n-propylamine
Concen: 43.95 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

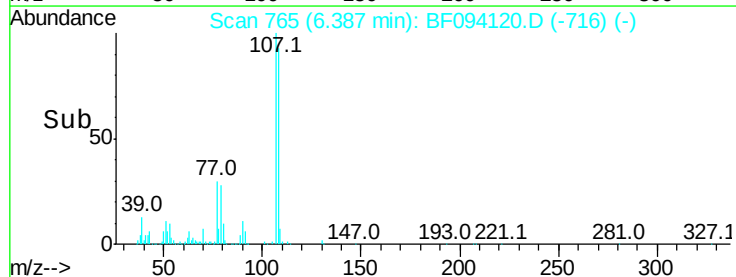
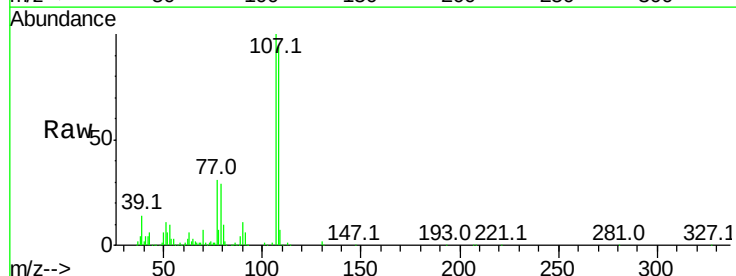
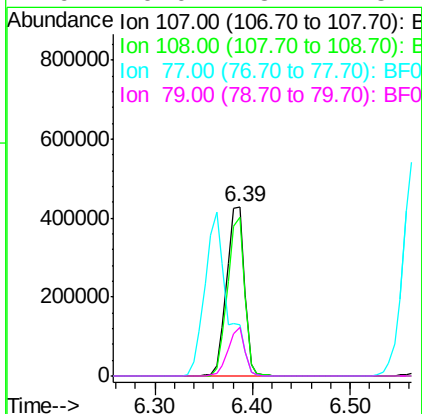
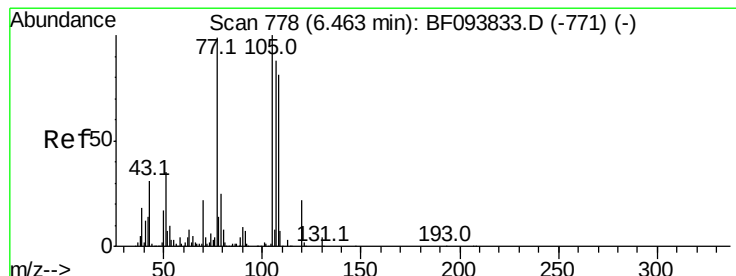
Instrument :
BNA_F
ClientSampleId :
PB97987BS

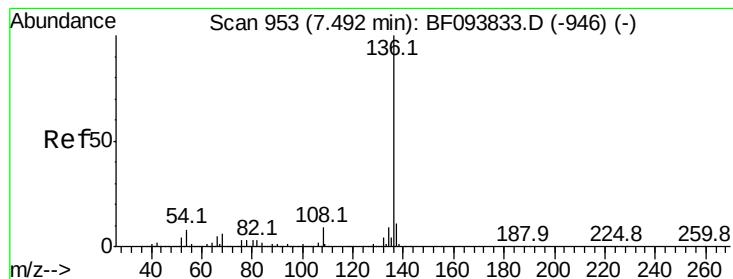
Tot Ion:	70	Resp:	352942
Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.2	70.8
101	9.7	7.2	10.8
130	20.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.75 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:	107	Resp:	549913
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.0	111.0
77	30.6	90.5	130.5#
79	29.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

Tot Ion:136 Resp: 689569

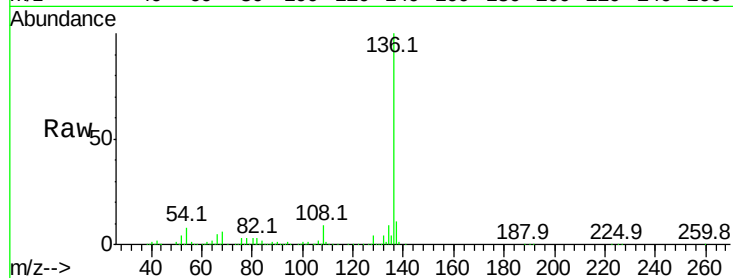
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 5.8 4.1 6.1

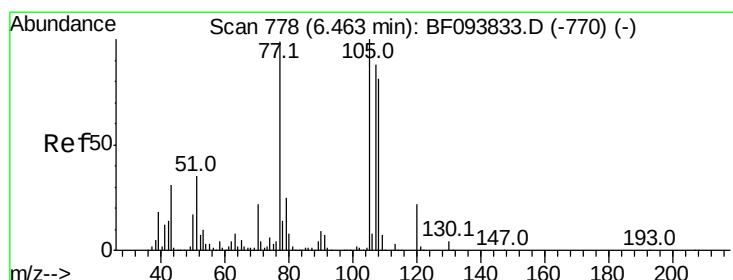
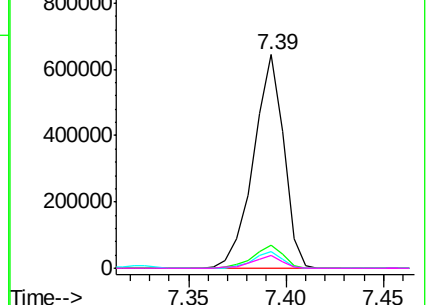
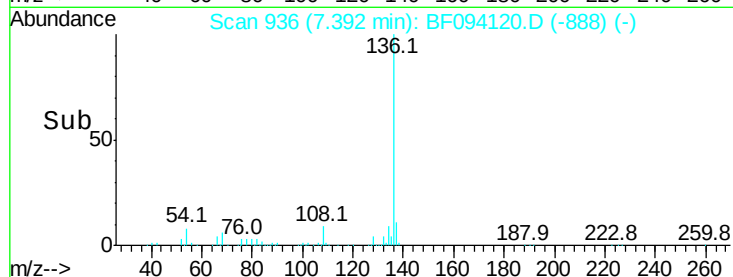


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.83 ng

RT: 6.36 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:105 Resp: 704314

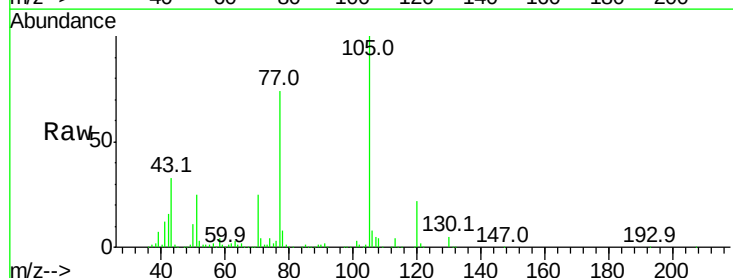
Ion Ratio Lower Upper

105 100

71 4.2 2.8 4.2

51 24.6 30.7 46.1#

120 22.2 17.4 26.0

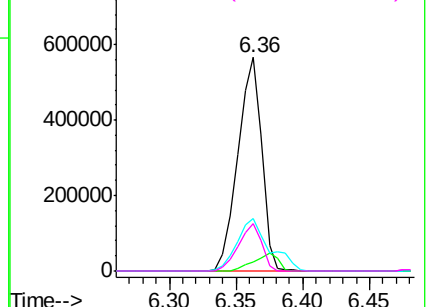
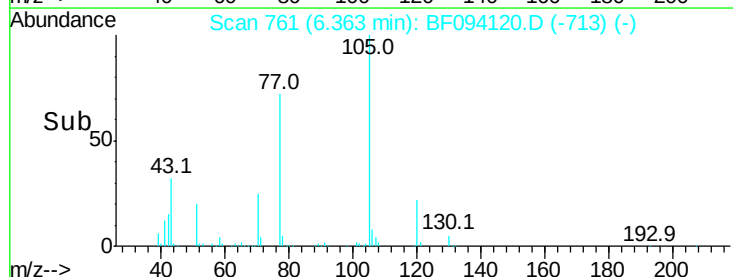


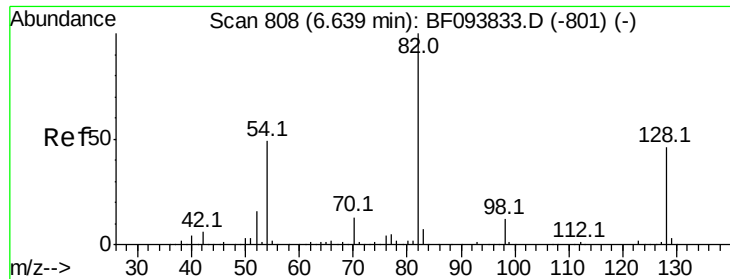
Abundance Ion 105.00 (104.70 to 105.70): E

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



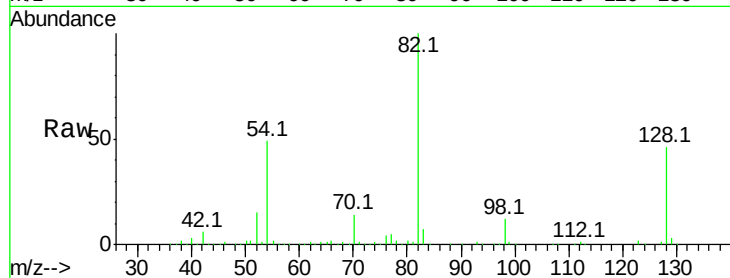


#23
 Nitrobenzene-d5
 Concen: 83.96 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

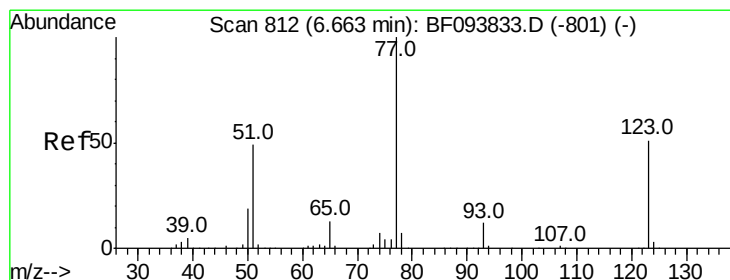
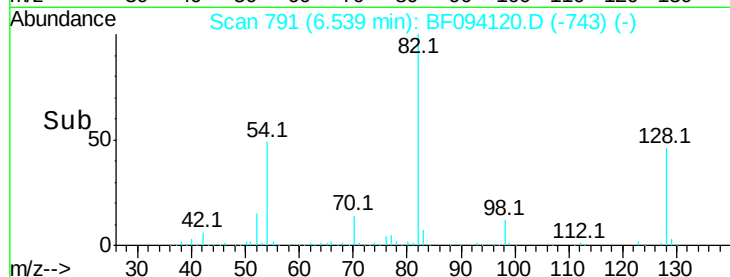
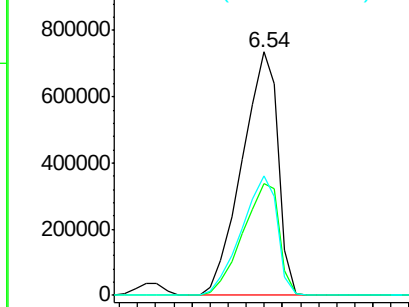
Instrument :
 BNA_F
 ClientSampled :
 PB97987BS

Tot Ion: 82 Resp: 1014501

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	49.0	42.2	63.2



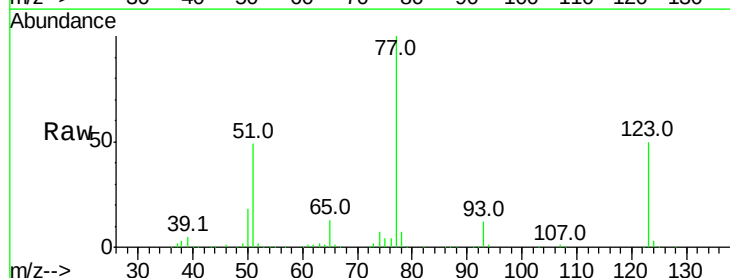
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



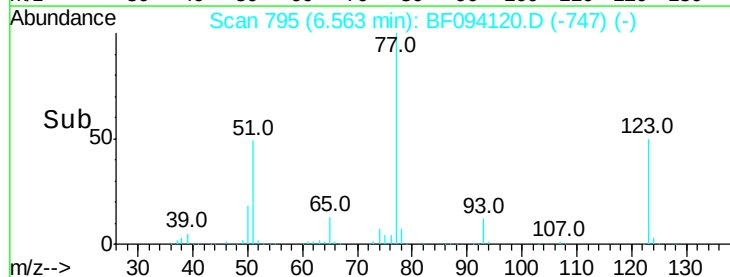
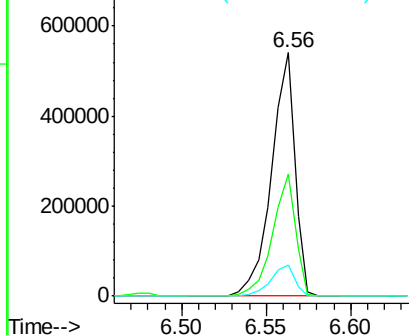
#24
 Nitrobenzene
 Concen: 43.65 ng
 RT: 6.56 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

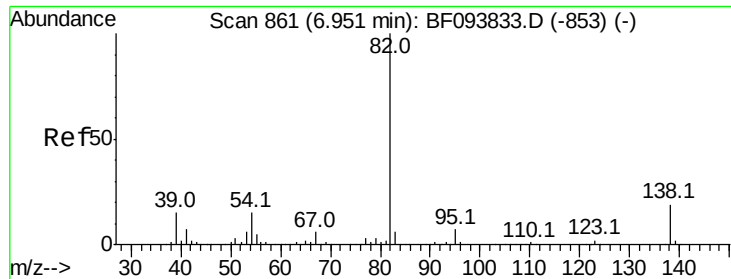
Tgt Ion: 77 Resp: 520209

Ion	Ratio	Lower	Upper
77	100		
123	49.9	35.8	53.8
65	12.9	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.77 ng

RT: 6.85 min Scan# 844

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

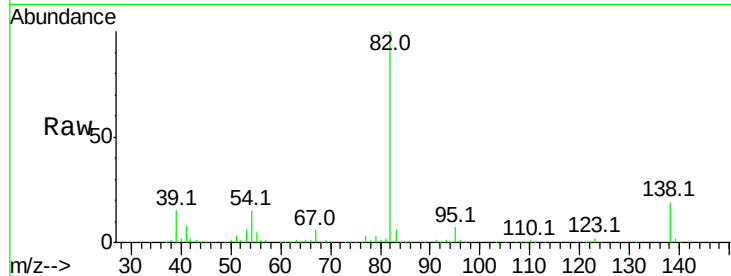
Tot Ion: 82 Resp: 929424

Ion Ratio Lower Upper

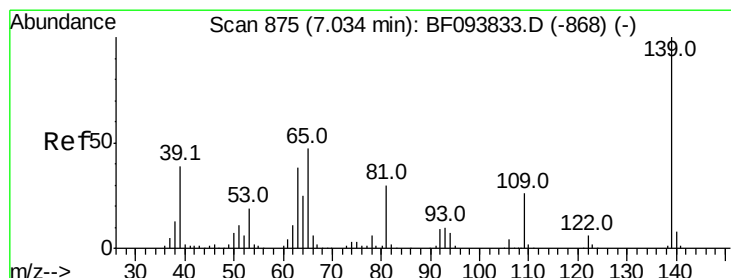
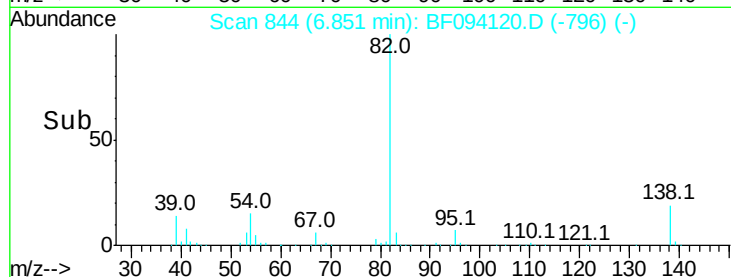
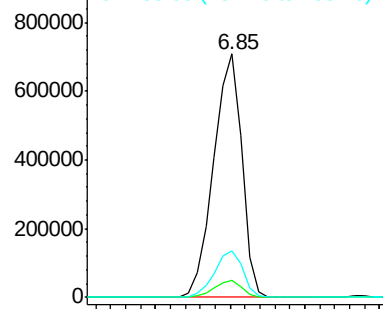
82 100

95 6.8 5.3 7.9

138 18.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.41 ng

RT: 6.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

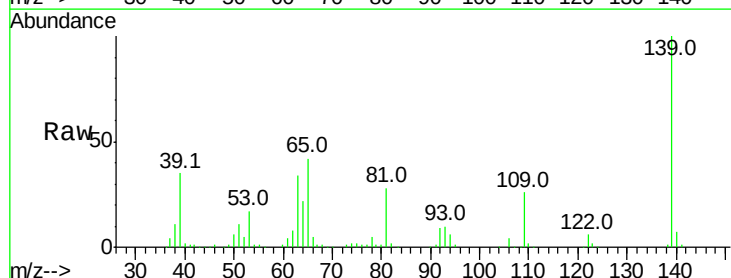
Tgt Ion:139 Resp: 286492

Ion Ratio Lower Upper

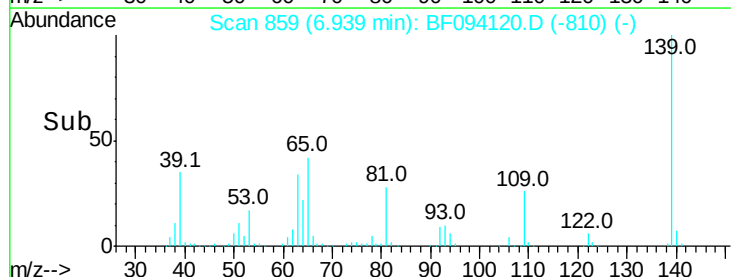
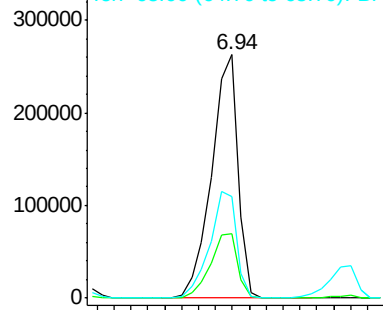
139 100

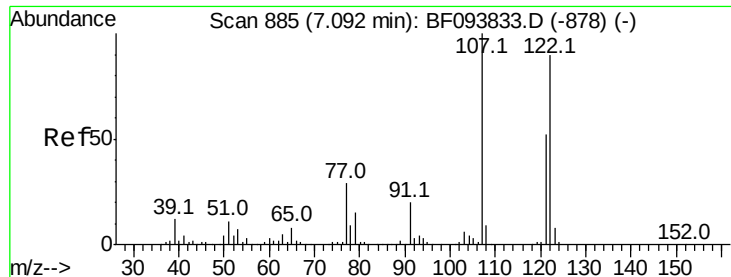
109 26.5 21.0 31.6

65 41.6 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 47.30 ng

RT: 7.01 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

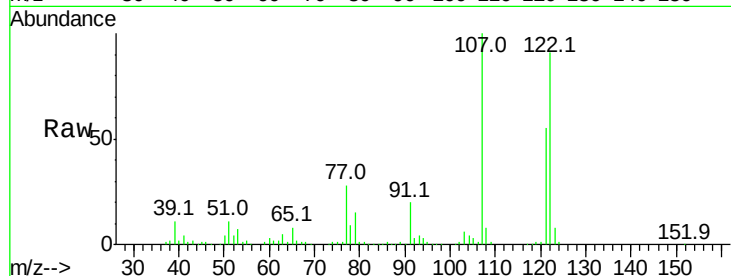
Tot Ion:122 Resp: 463202

Ion Ratio Lower Upper

122 100

107 109.6 89.2 133.8

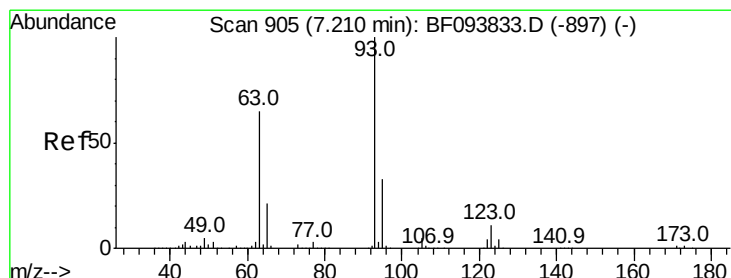
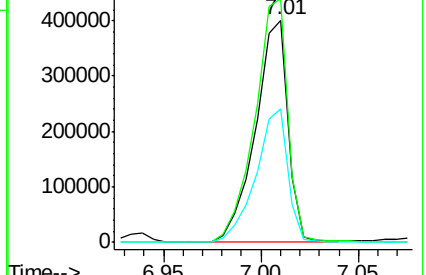
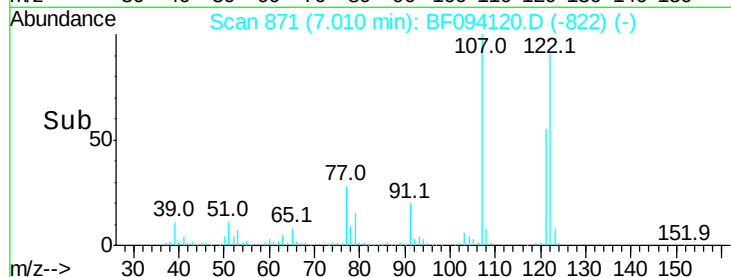
121 60.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.34 ng

RT: 7.11 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

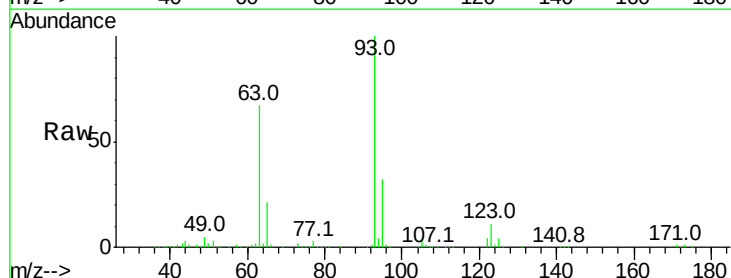
Tgt Ion: 93 Resp: 606761

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

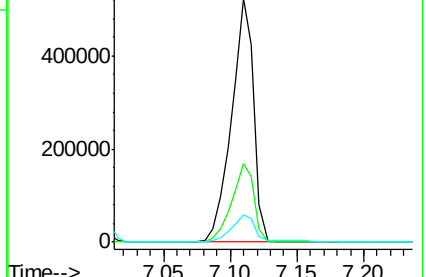
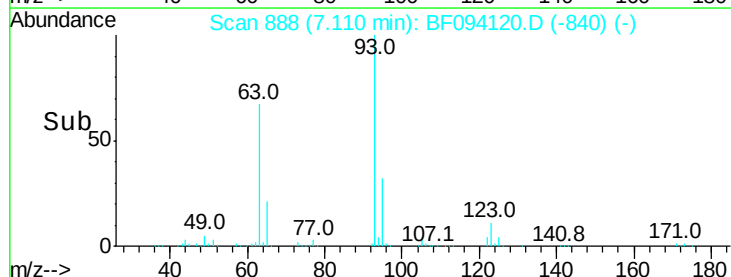
123 11.4 9.0 13.4

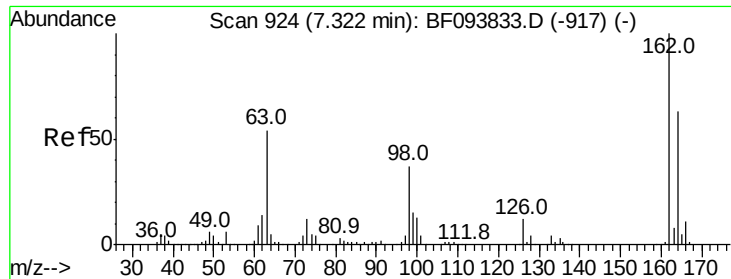


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

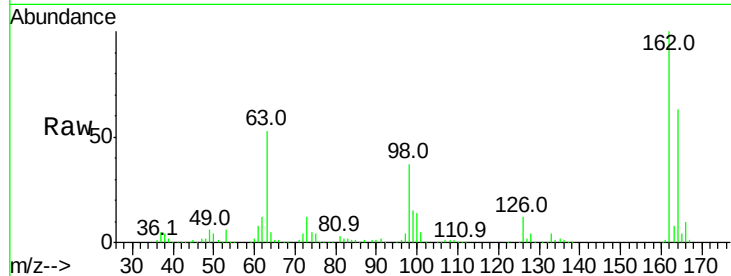




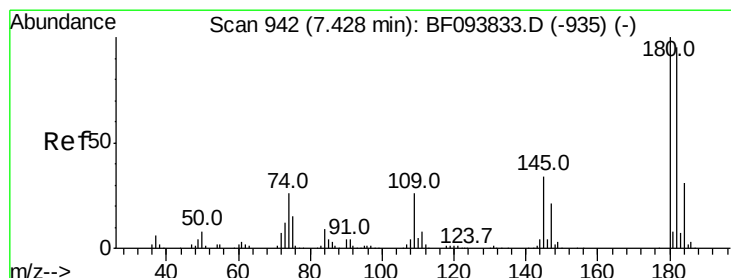
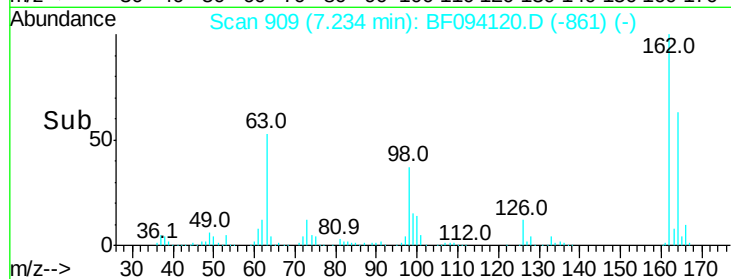
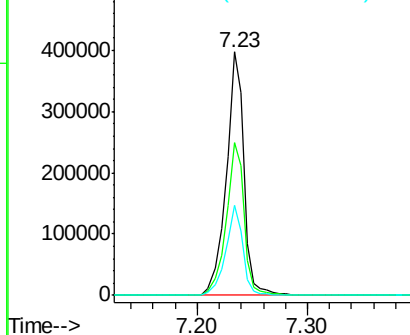
#29
 2,4-Dichlorophenol
 Concen: 48.60 ng
 RT: 7.23 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	36.8	14.8	54.8

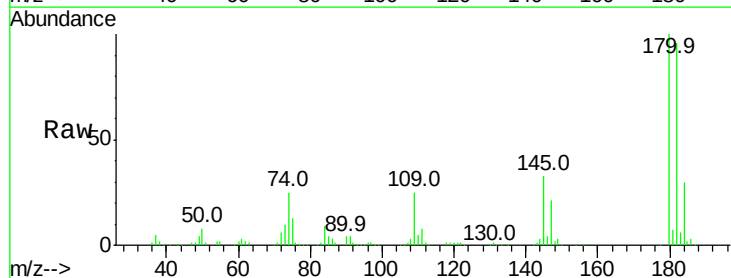


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

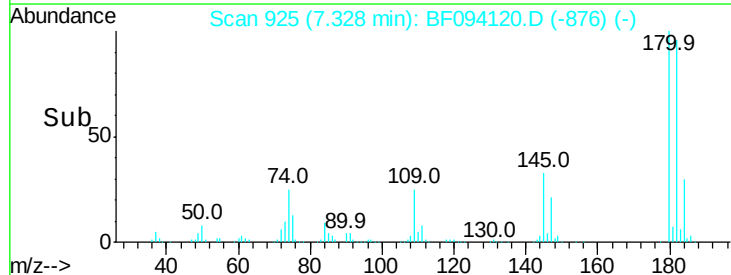
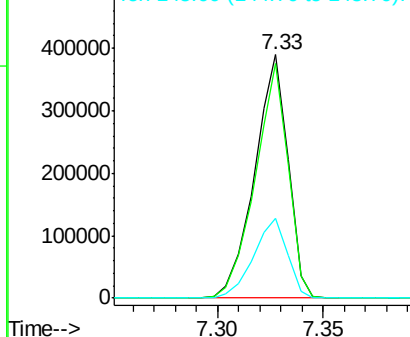


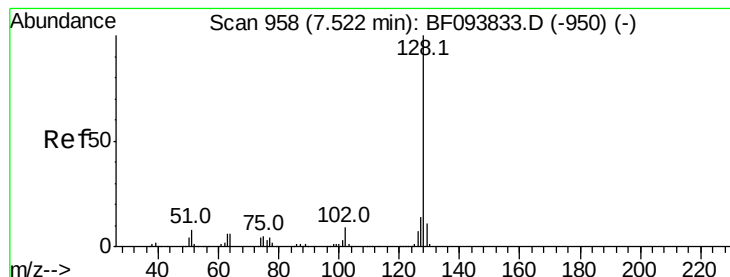
#30
 1,2,4-Trichlorobenzene
 Concen: 45.34 ng
 RT: 7.33 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.6
145	32.7	25.3	37.9



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





#31

Naphthalene

Concen: 43.02 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

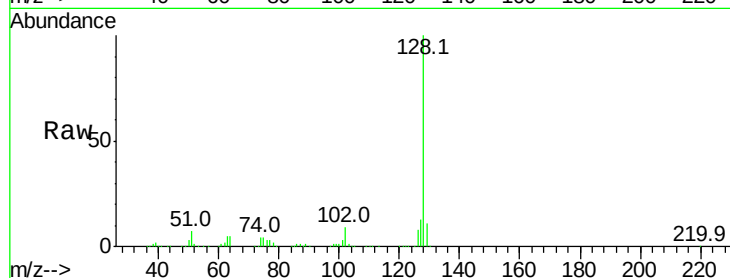
Tot Ion:128 Resp: 1426366

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

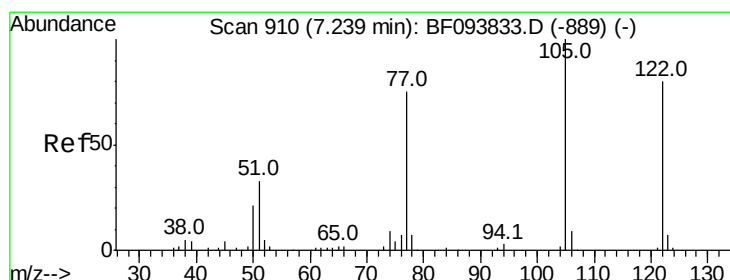
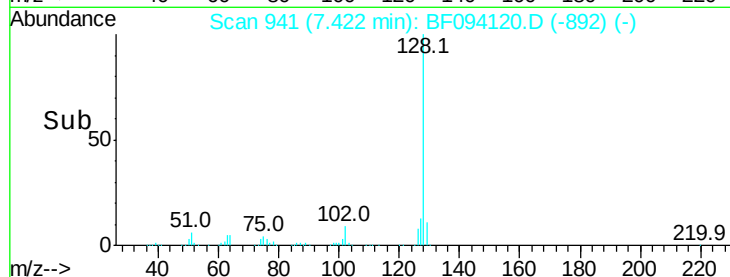
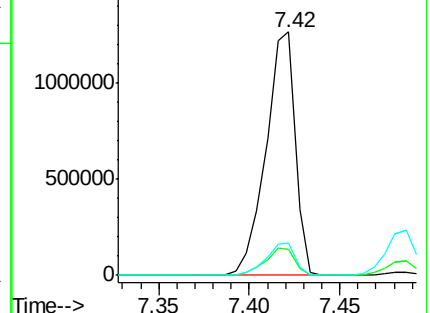
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.65 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

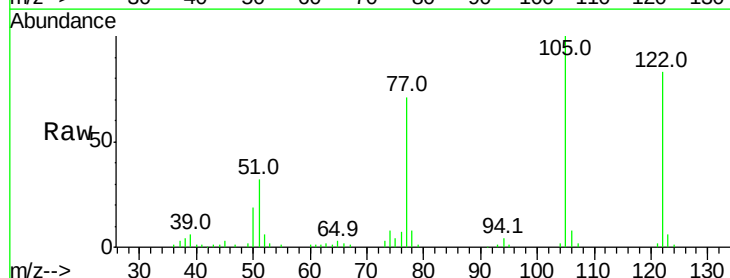
Tgt Ion:122 Resp: 141141

Ion Ratio Lower Upper

122 100

105 120.2 103.3 143.3

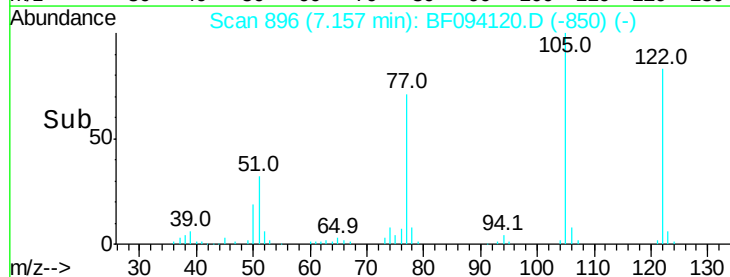
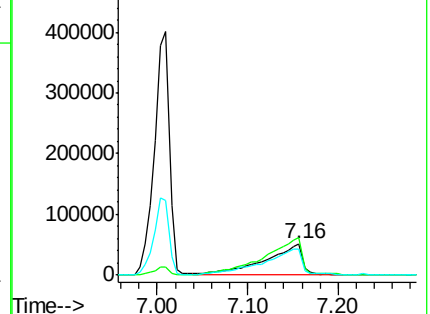
77 85.3 73.7 113.7

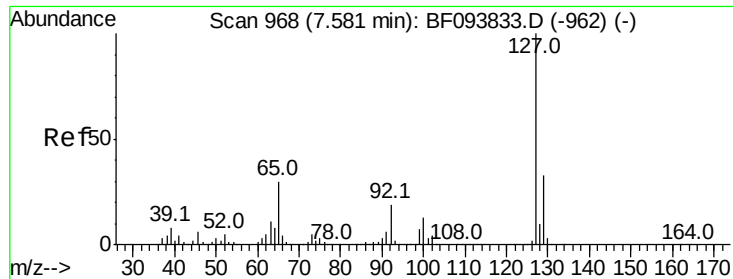


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

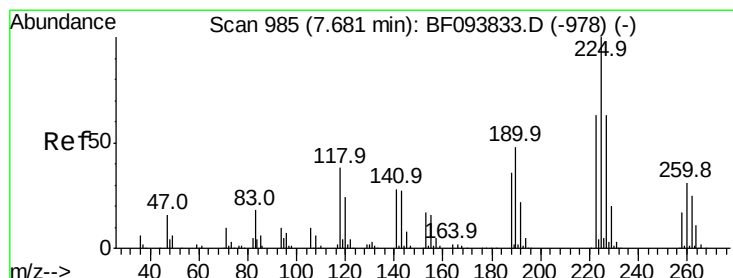
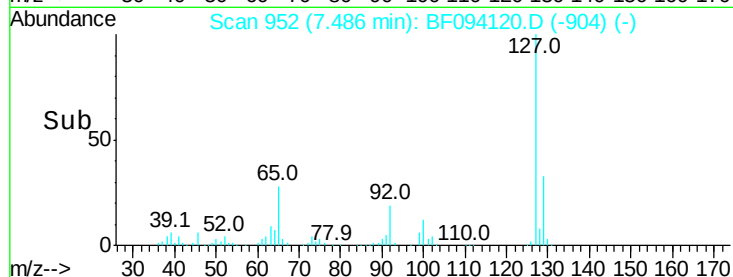
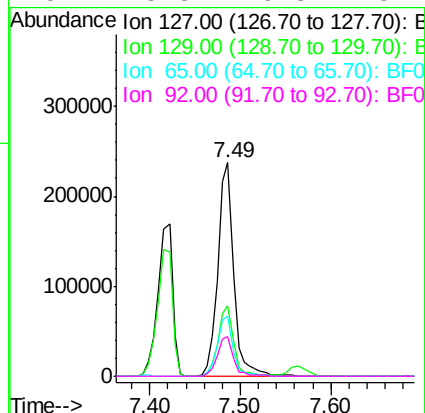
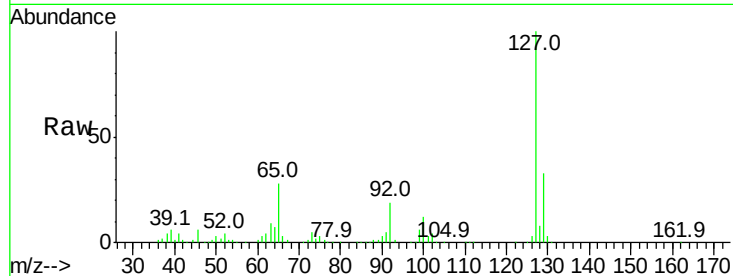




#33
4-Chloroaniline
Concen: 21.34 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

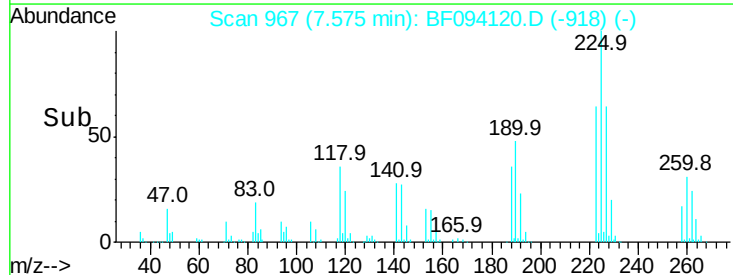
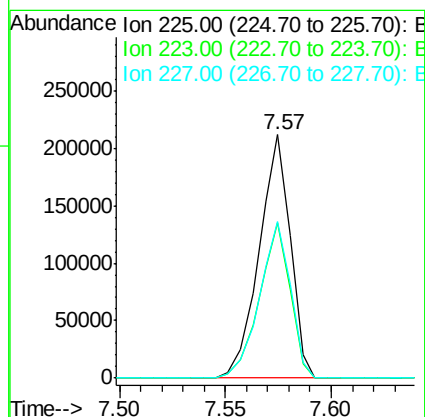
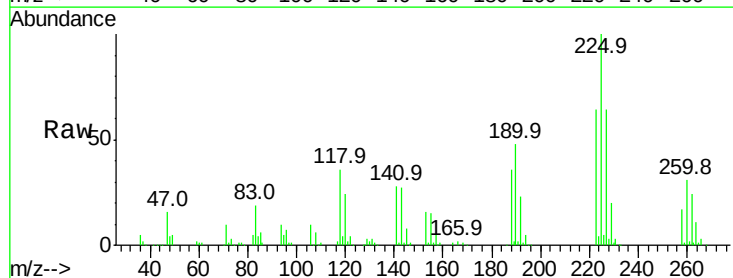
Instrument :
BNA_F
ClientSampleId :
PB97987BS

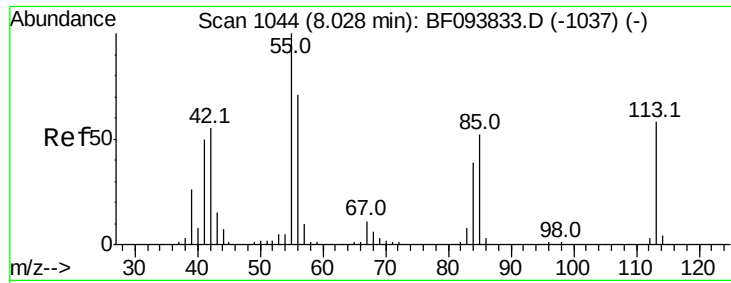
Tot Ion:	127	Resp:	286806
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	28.0	27.8	41.8
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.97 ng
RT: 7.57 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:	225	Resp:	217496
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	64.2	51.1	76.7

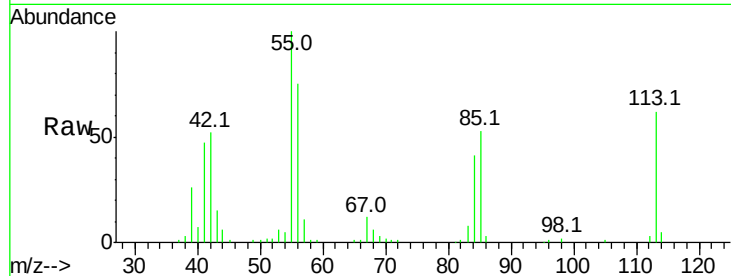




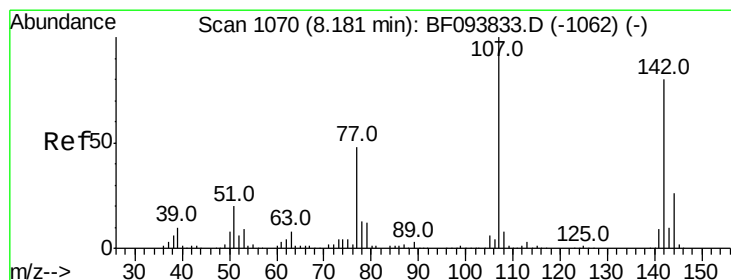
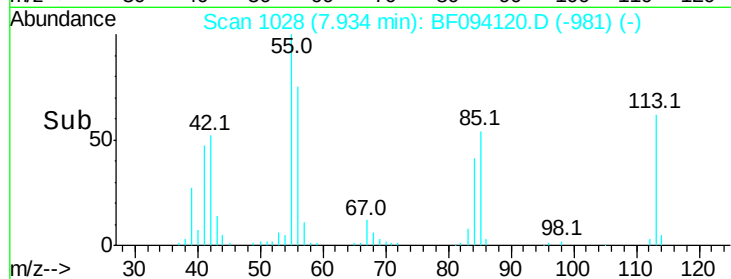
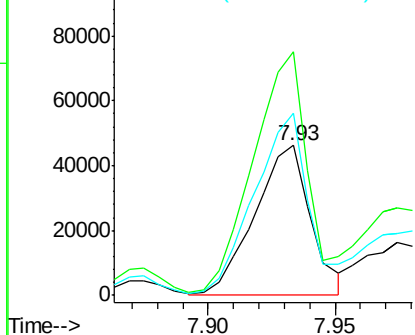
#35
 Caprolactam
 Concen: 24.41 ng
 RT: 7.93 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleID :
 PB97987BS

Tot Ion:113 Resp: 71285
 Ion Ratio Lower Upper
 113 100
 55 162.3 150.2 190.2
 56 121.8 107.8 147.8

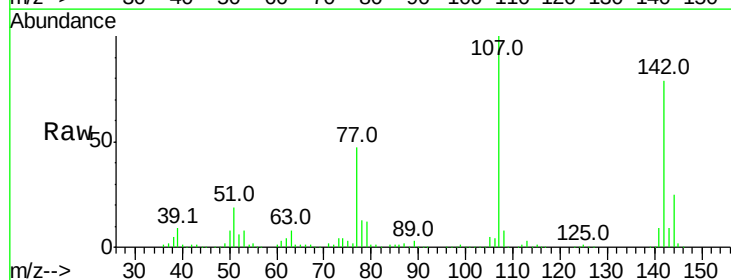


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

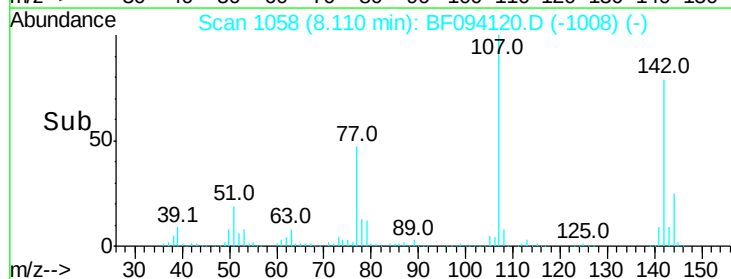
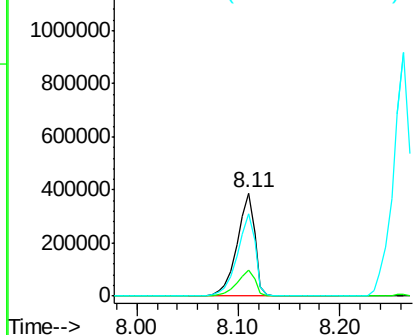


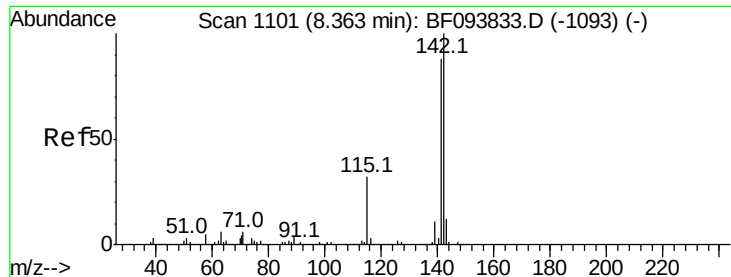
#36
 4-Chloro-3-methylphenol
 Concen: 49.38 ng
 RT: 8.11 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:107 Resp: 472432
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 79.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.01 ng

RT: 8.26 min Scan# 1084

Delta R.T. -0.01 min

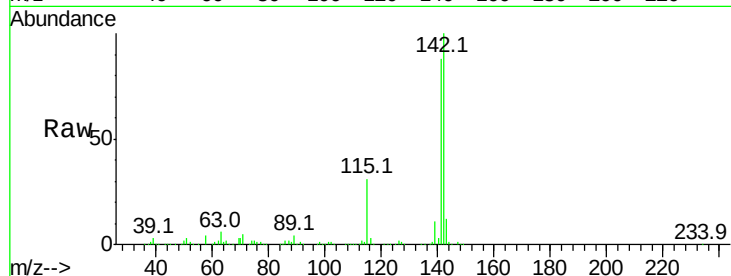
Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion:142 Resp: 1016860

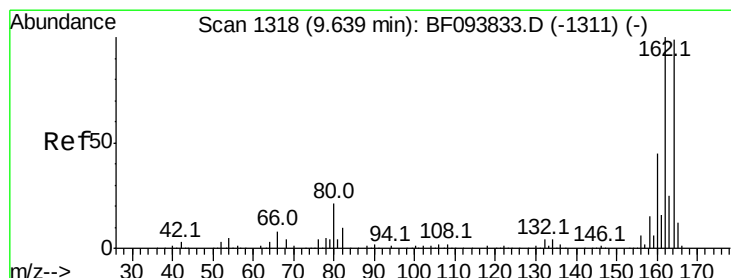
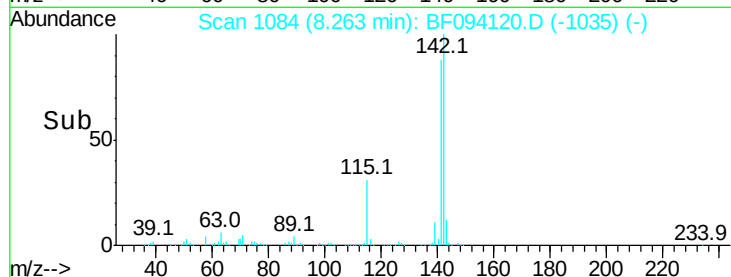
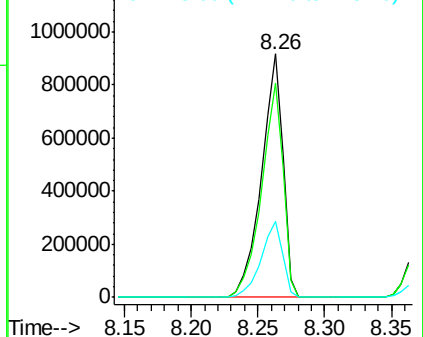
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	31.4	27.1	40.7



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: 9.53 min Scan# 1300

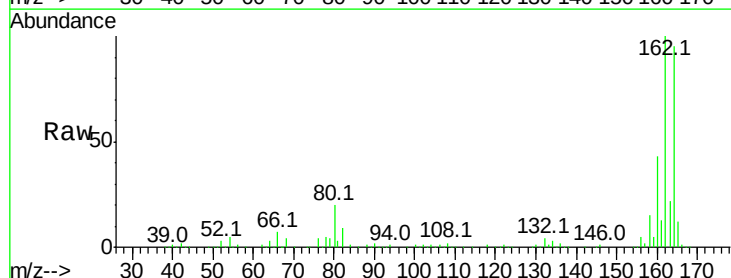
Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:164 Resp: 321805

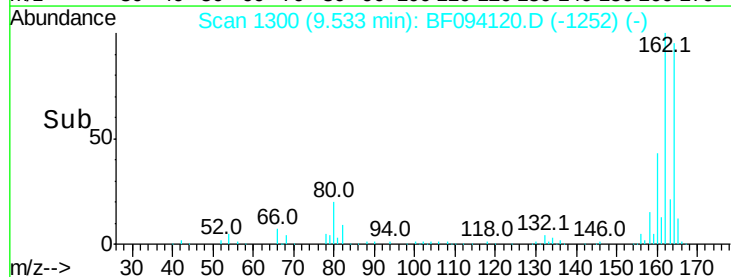
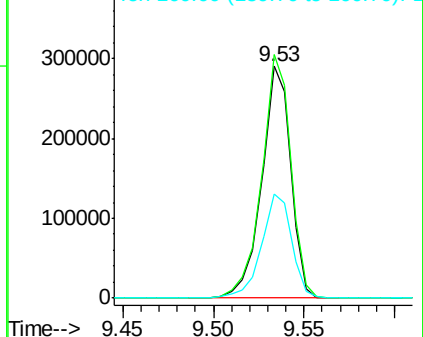
Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	45.2	36.2	54.2

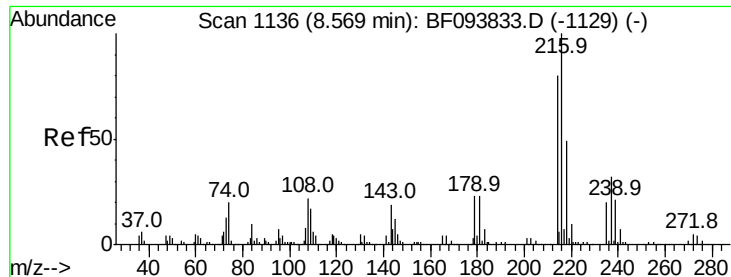


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

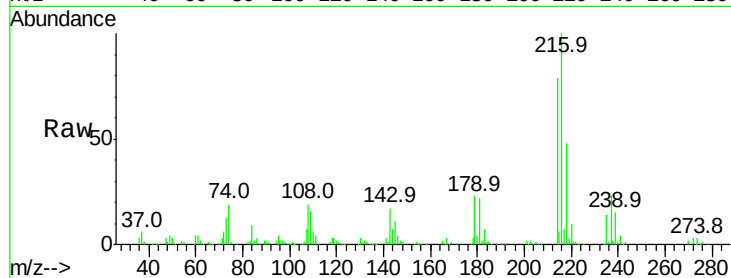




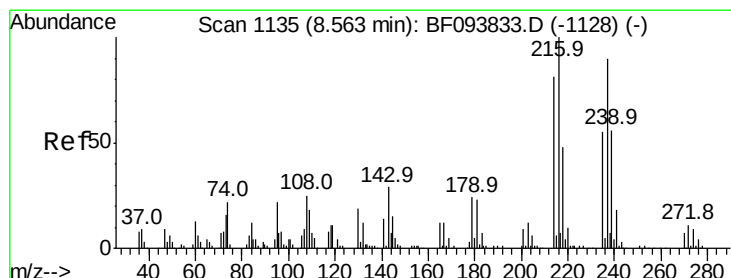
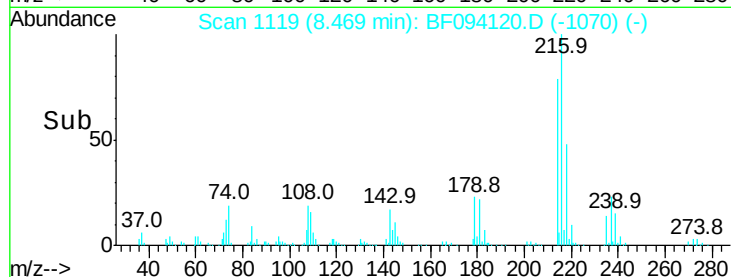
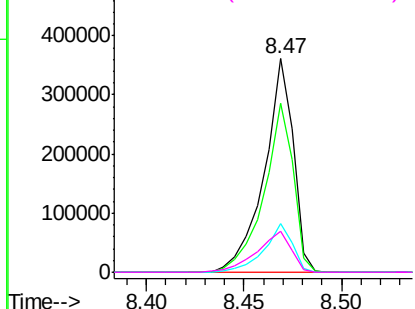
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.26 ng
 RT: 8.47 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion:	216	Resp:	372015
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.3	17.9	26.9
108	22.2	16.5	24.7

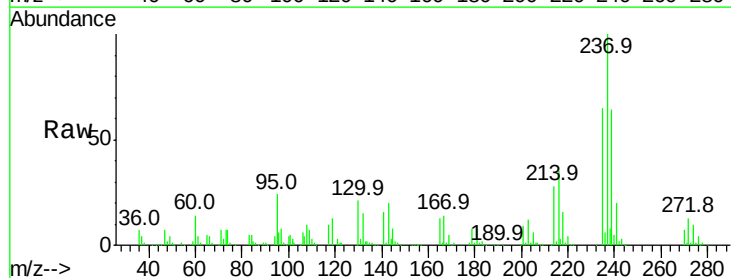


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

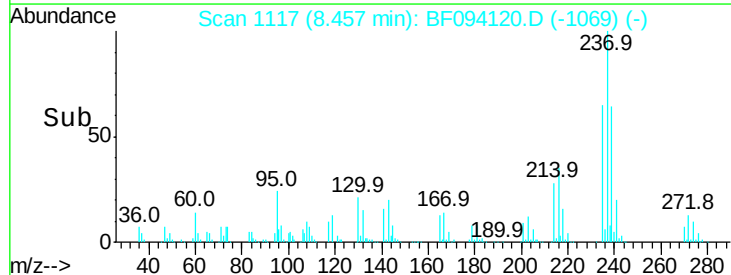
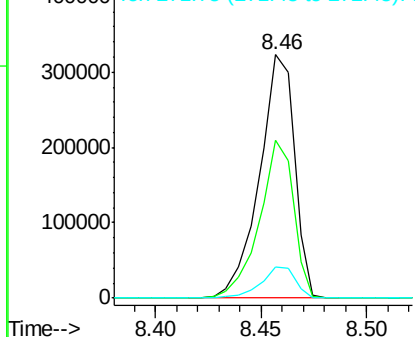


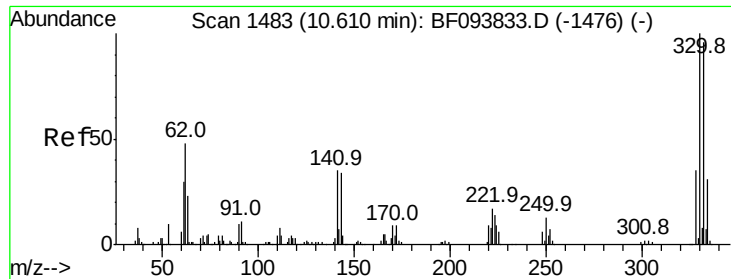
#40
 Hexachlorocyclopentadiene
 Concen: 90.99 ng
 RT: 8.46 min Scan# 1117
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:	237	Resp:	374843
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.6	82.6
272	12.7	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

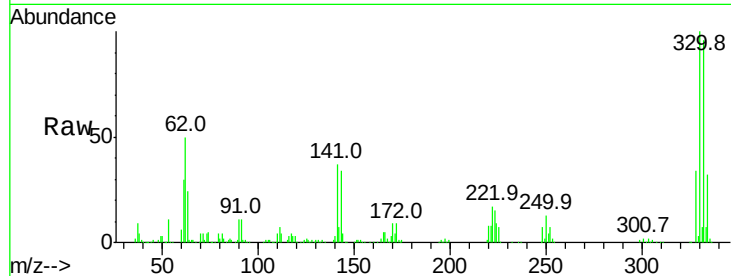




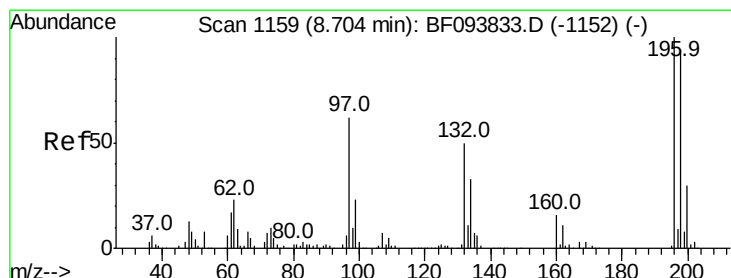
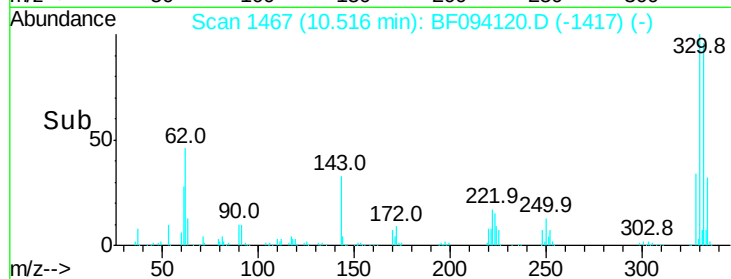
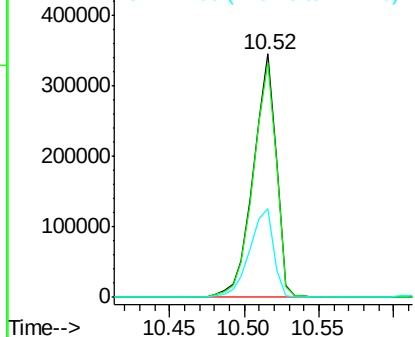
#41
 2,4,6-Tribromophenol
 Concen: 143.24 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	38.6	31.4	47.2

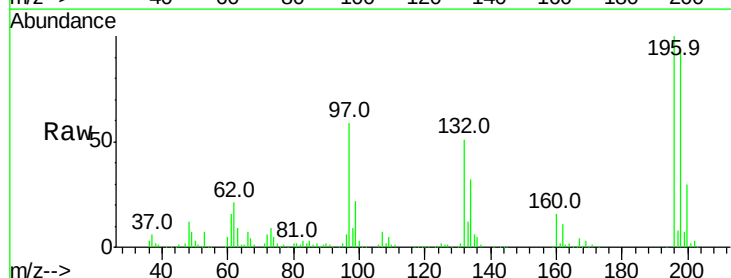


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

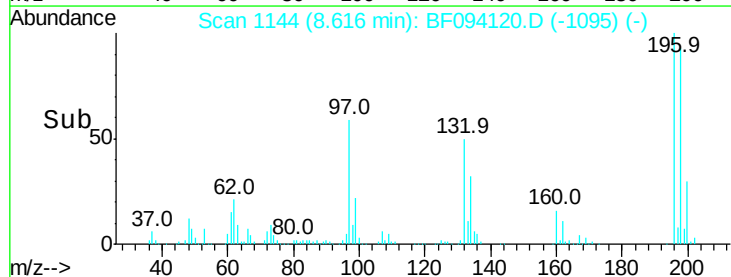
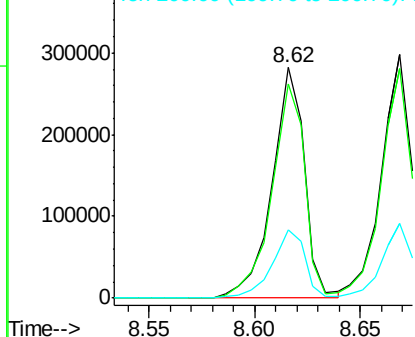


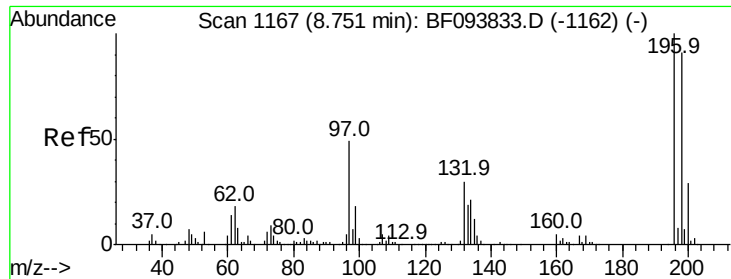
#42
 2,4,6-Trichlorophenol
 Concen: 48.41 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.2	111.4
200	29.8	24.0	36.0



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

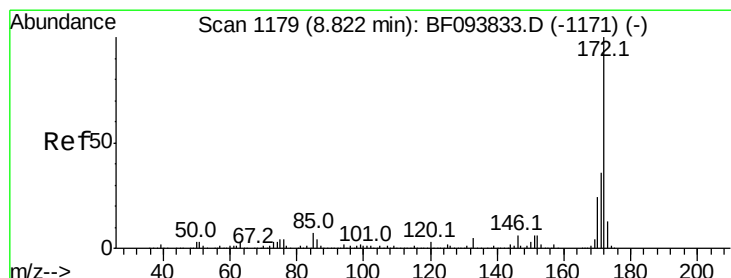
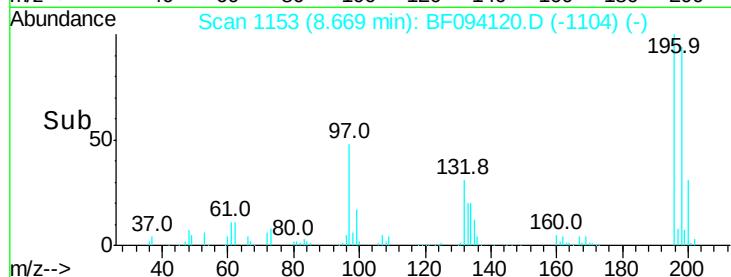
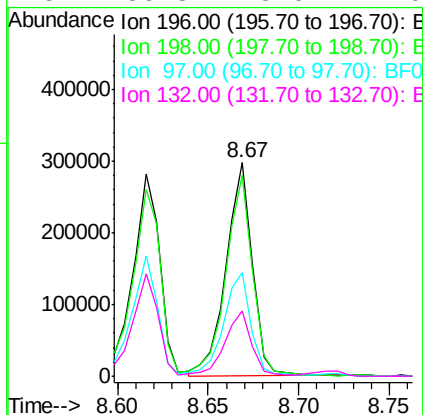
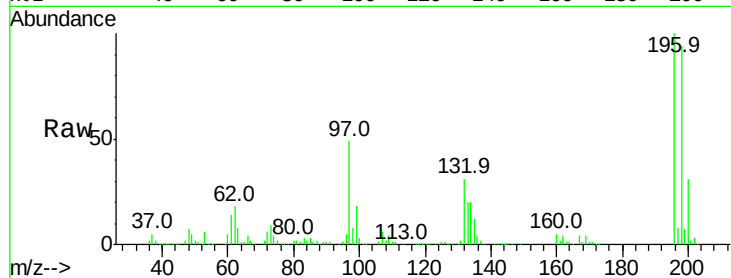




#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

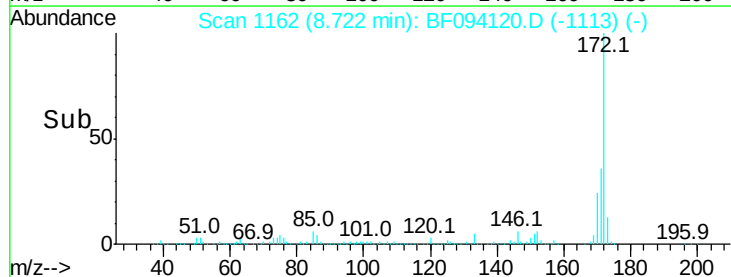
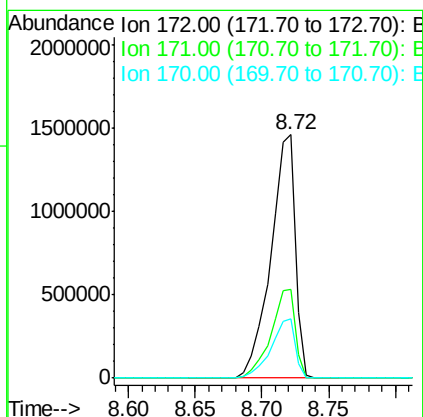
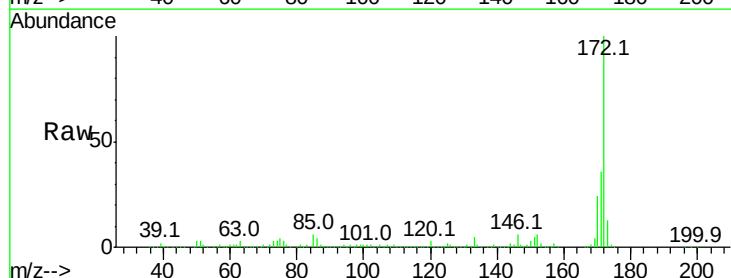
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

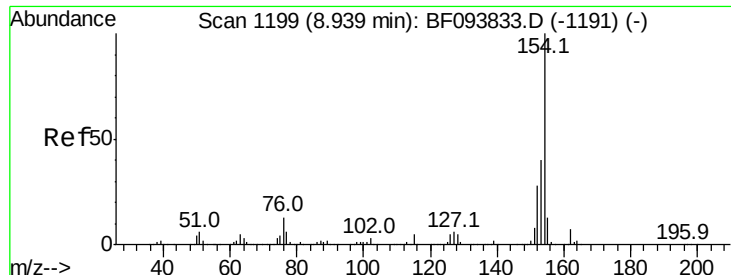
Tot Ion:196 Resp: 301843
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 97 48.6 47.7 71.5
 132 30.8 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 89.05 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:172 Resp: 1878794
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.2 19.8 29.8





#45

1,1'-Biphenyl

Concen: 43.43 ng

RT: 8.84 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

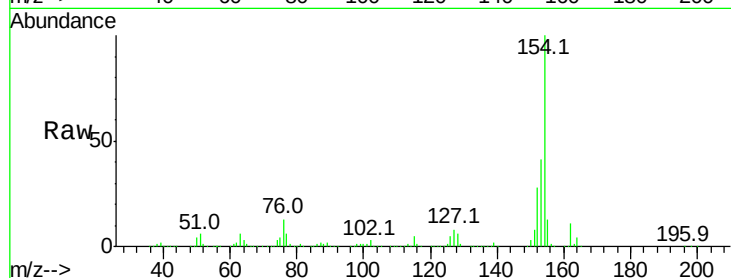
Tot Ion:154 Resp: 1127330

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

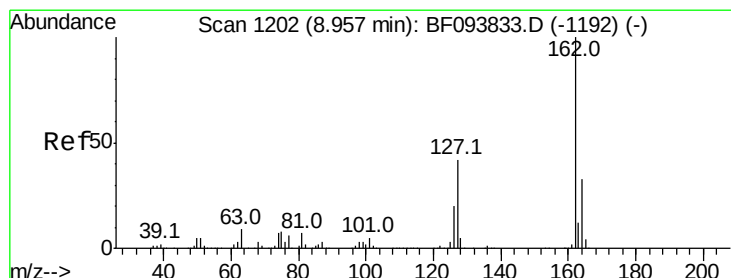
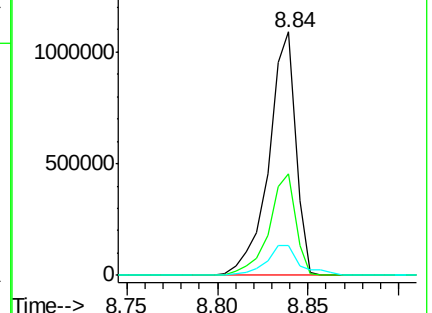
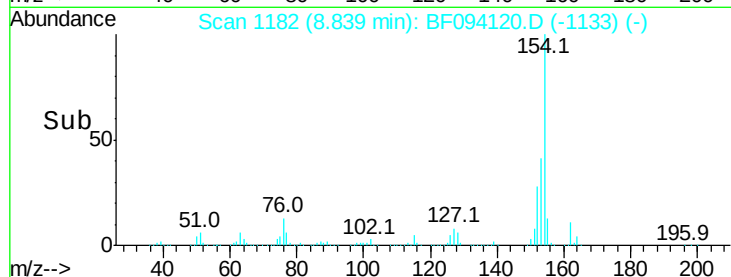
76 12.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.26 ng

RT: 8.86 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

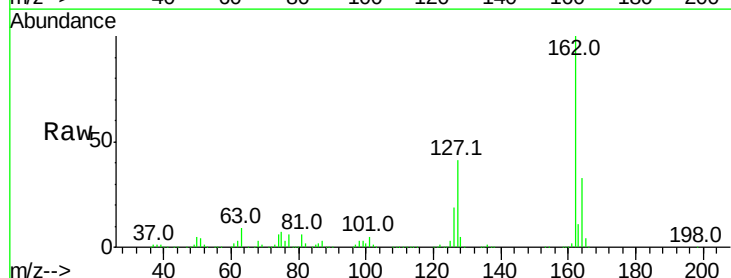
Tgt Ion:162 Resp: 899297

Ion Ratio Lower Upper

162 100

127 41.2 28.3 42.5

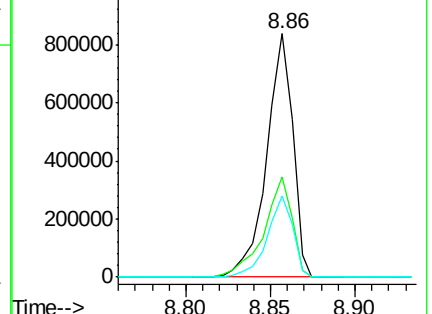
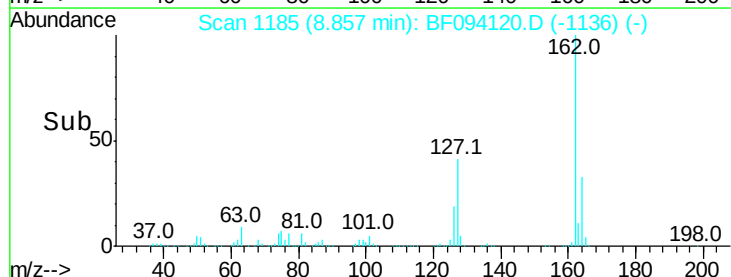
164 33.4 27.0 40.4

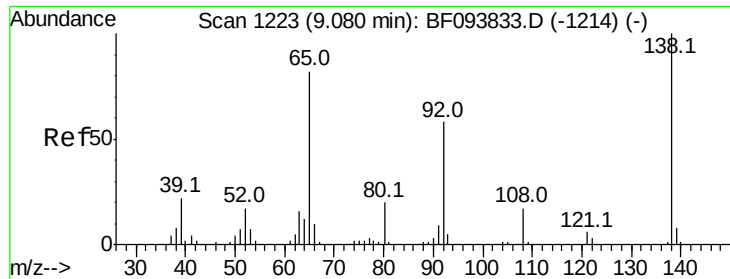


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

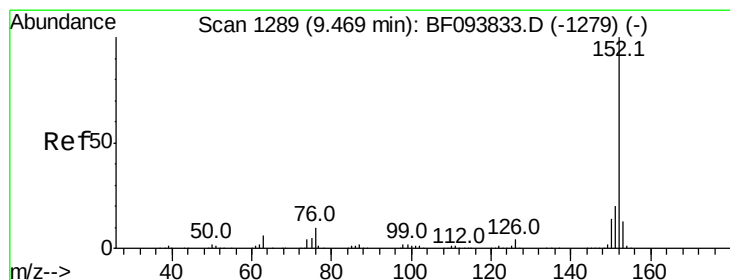
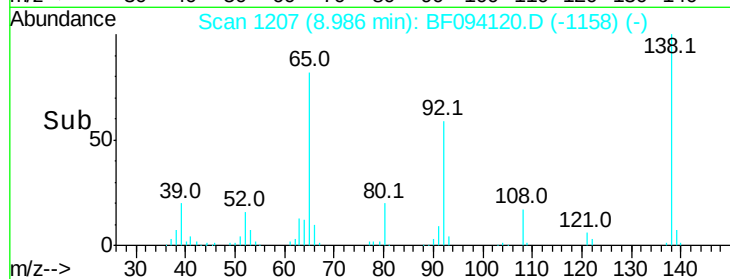
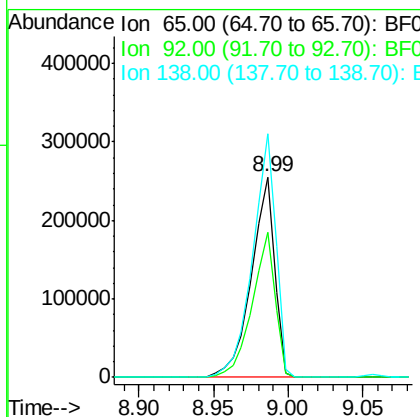
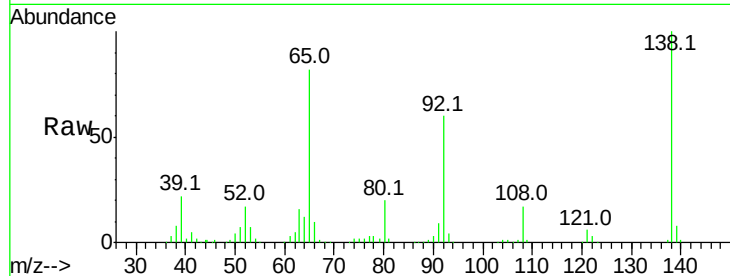




#47
 2-Nitroaniline
 Concen: 45.51 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

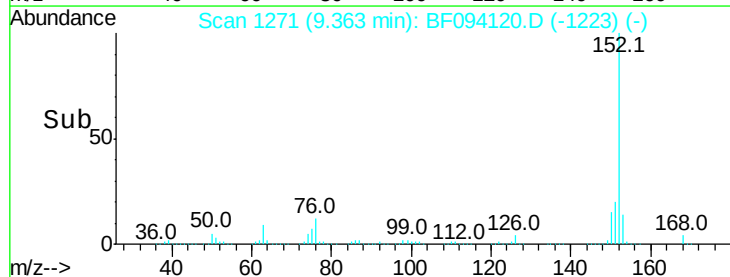
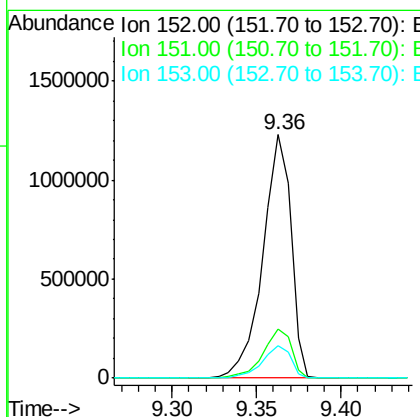
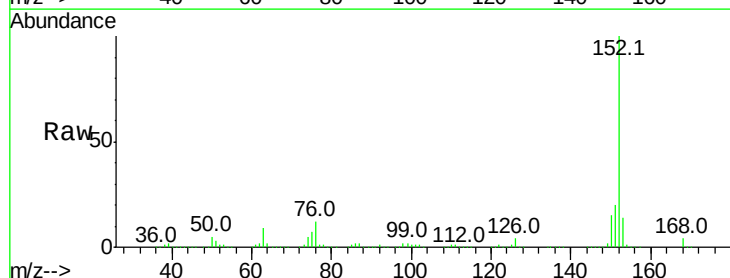
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

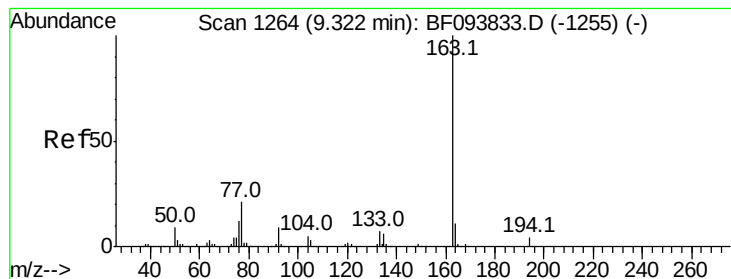
Tot Ion: 65 Resp: 274332
 Ion Ratio Lower Upper
 65 100
 92 72.5 53.9 80.9
 138 121.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.09 ng
 RT: 9.36 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:152 Resp: 1421377
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 47.35 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

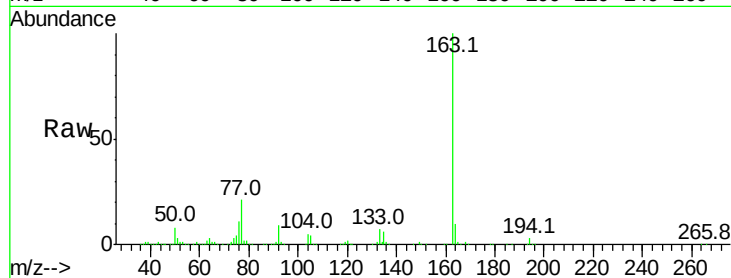
Tot Ion:163 Resp: 1083160

Ion Ratio Lower Upper

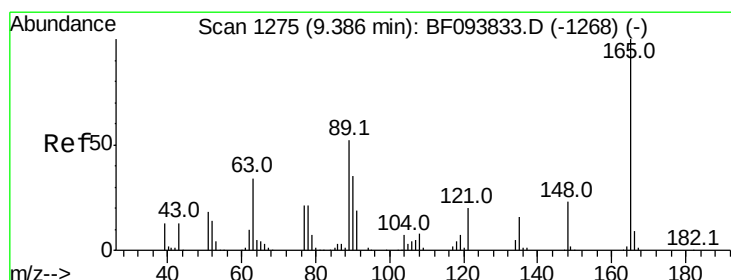
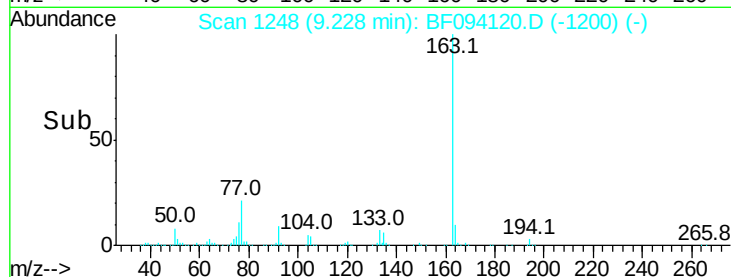
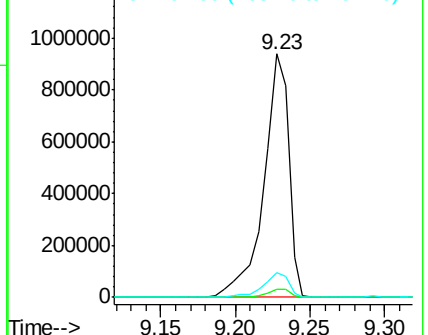
163 100

194 3.4 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: 47.72 ng

RT: 9.29 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

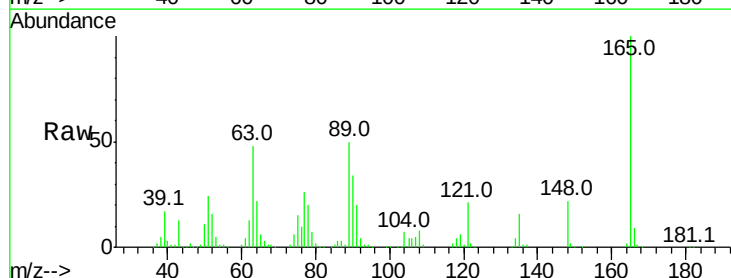
Tgt Ion:165 Resp: 250245

Ion Ratio Lower Upper

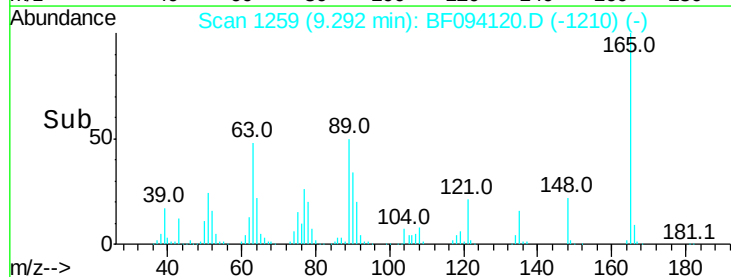
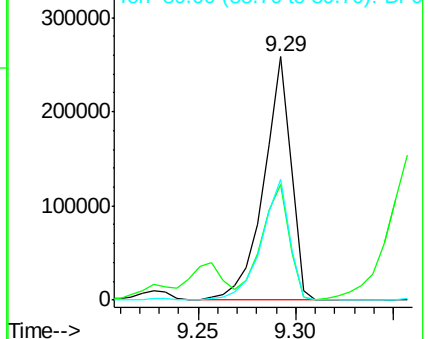
165 100

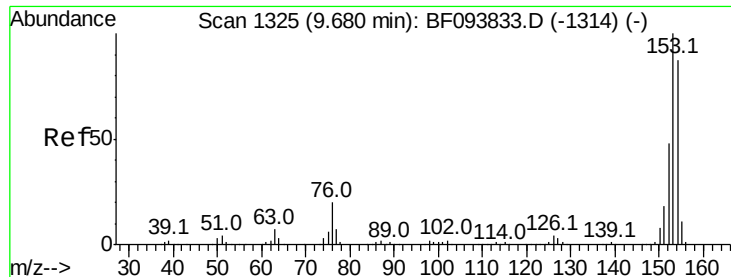
63 47.6 34.3 51.5

89 49.6 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: 42.90 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

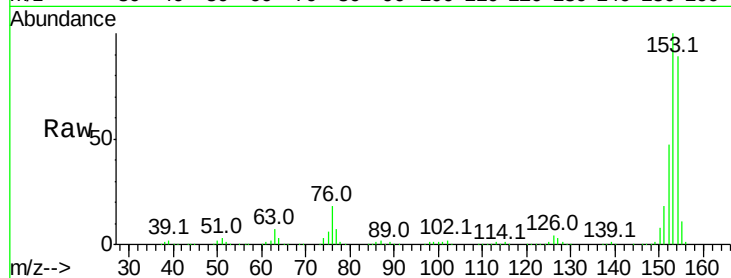
Tot Ion:154 Resp: 845208

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

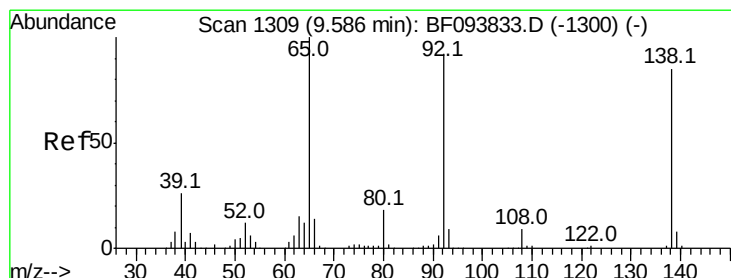
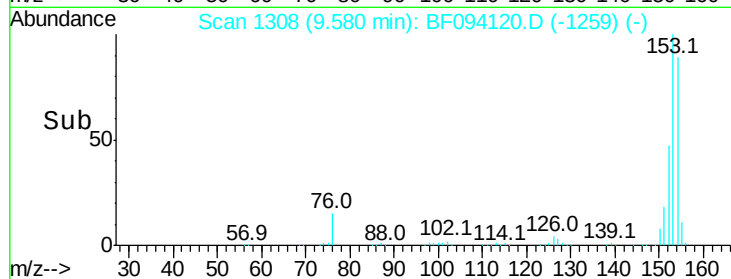
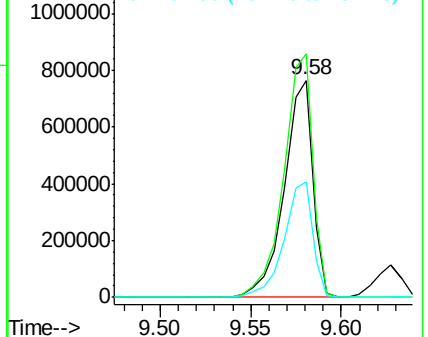
152 53.2 43.6 65.4



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: 26.14 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

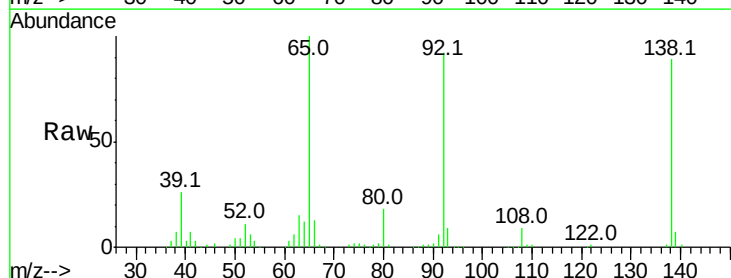
Tgt Ion:138 Resp: 160982

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

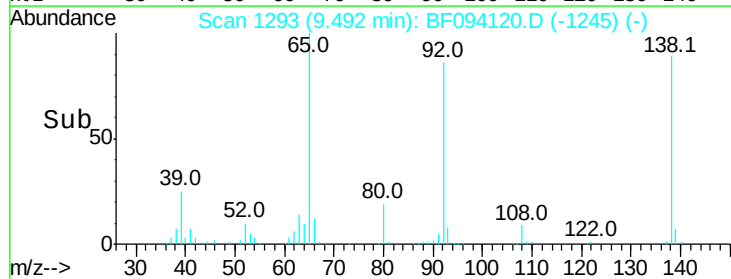
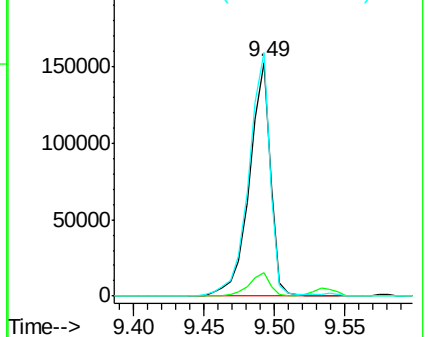
92 104.3 93.8 140.6

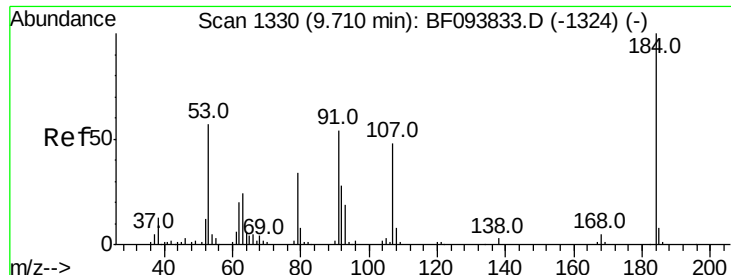


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

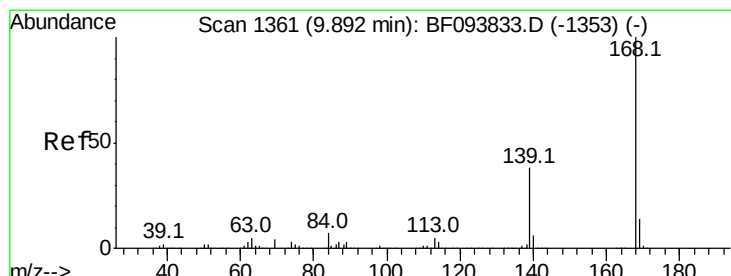
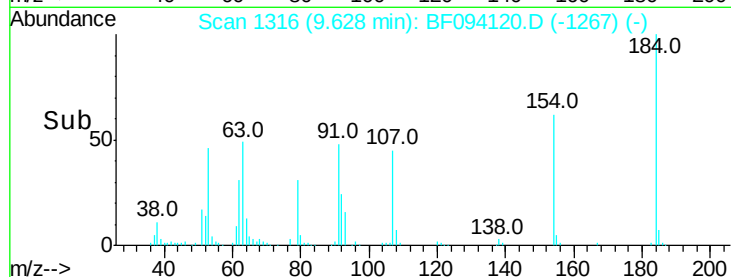
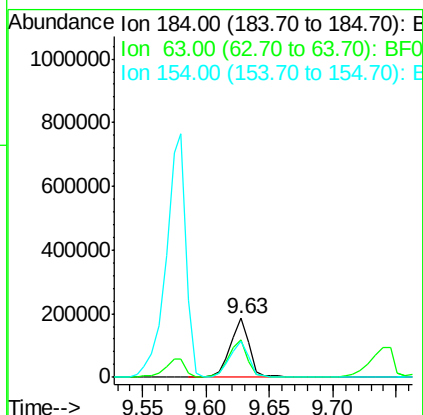
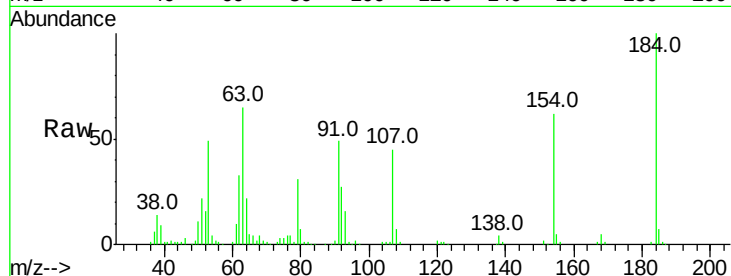




#53
2,4-Dinitrophenol
Concen: 69.86 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

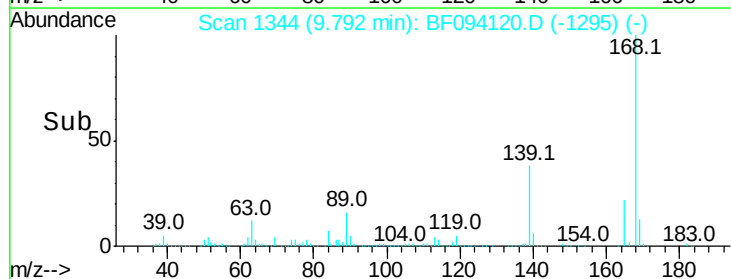
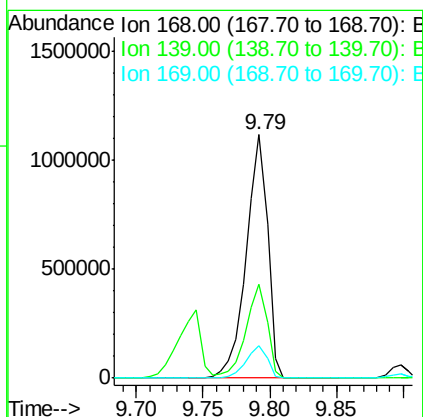
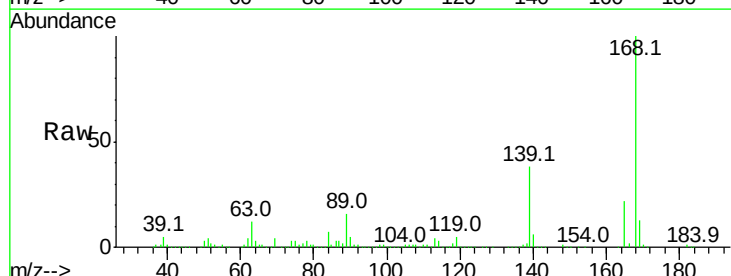
Instrument :
BNA_F
ClientSampleId :
PB97987BS

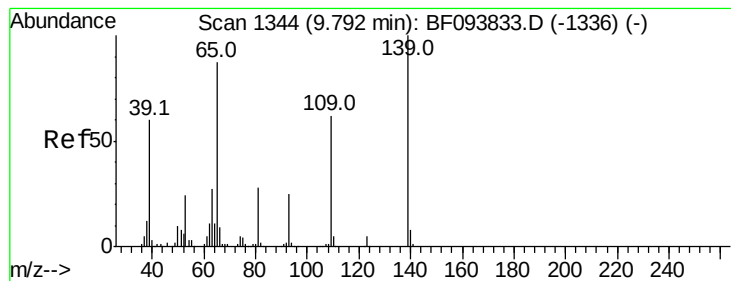
Tot Ion:184 Resp: 194268
Ion Ratio Lower Upper
184 100
63 64.5 62.7 94.1
154 62.3 81.1 121.7#



#54
Dibenzofuran
Concen: 45.72 ng
RT: 9.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:168 Resp: 1226276
Ion Ratio Lower Upper
168 100
139 38.3 30.6 45.8
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 78.01 ng

RT: 9.75 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

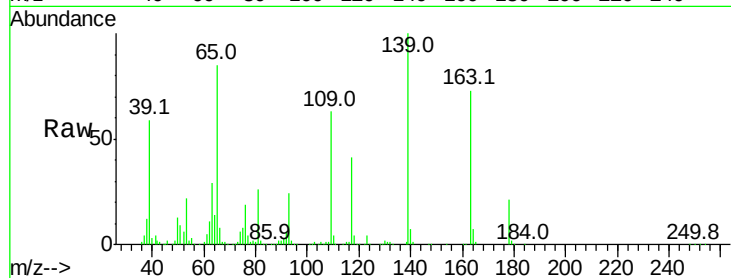
Tot Ion:139 Resp: 376168

Ion Ratio Lower Upper

139 100

109 62.7 34.1 74.1

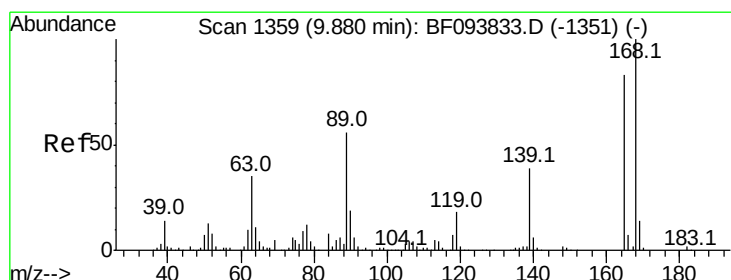
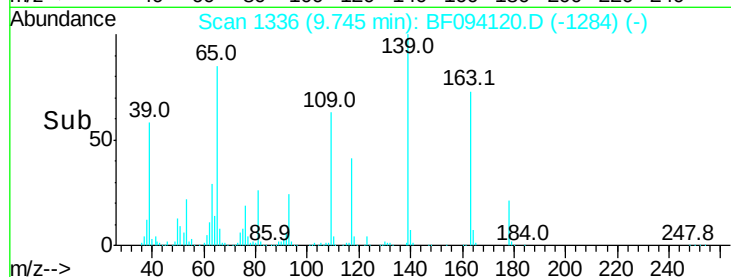
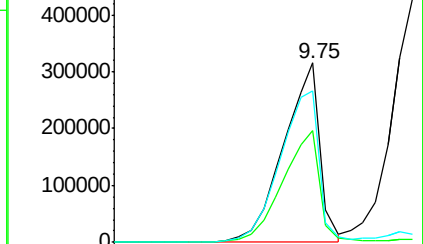
65 84.8 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.74 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion:165 Resp: 301319

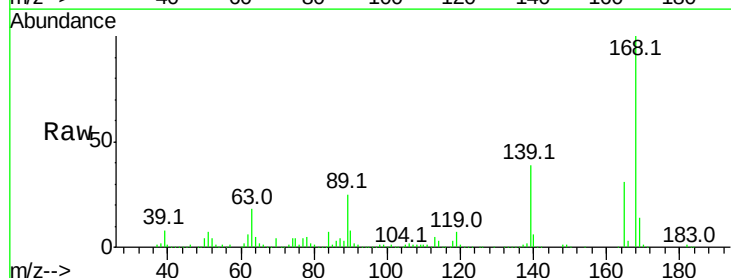
Ion Ratio Lower Upper

165 100

63 58.8 25.4 38.0#

89 79.0 46.4 69.6#

182 2.4 1.8 2.6

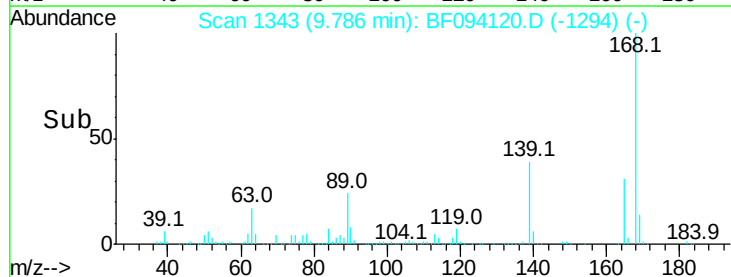
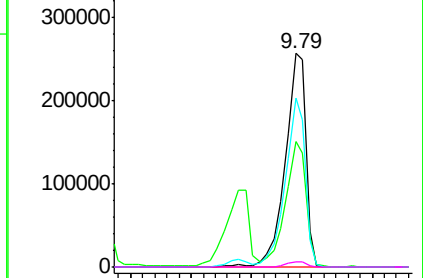


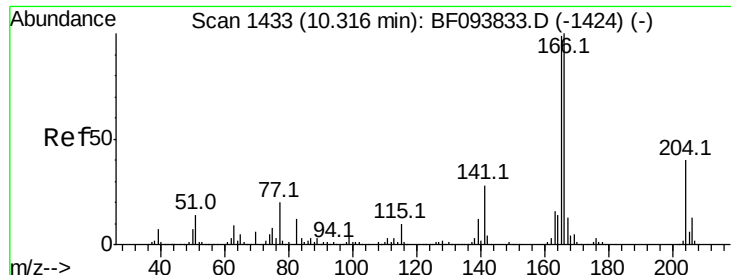
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

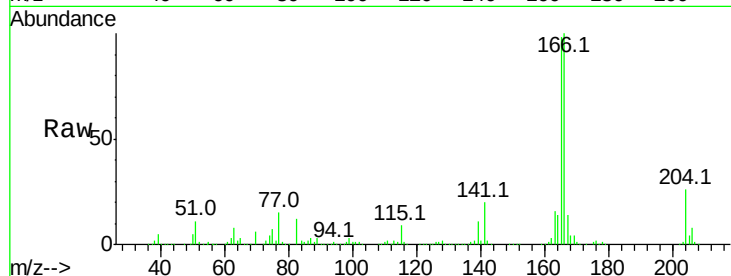




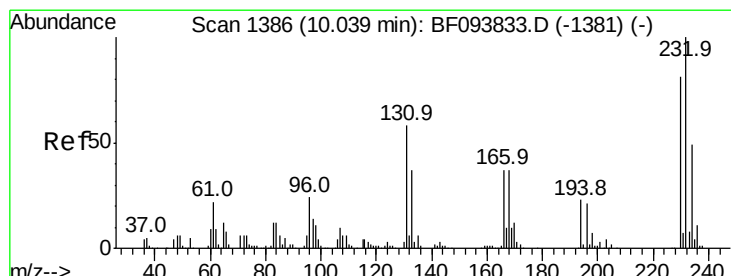
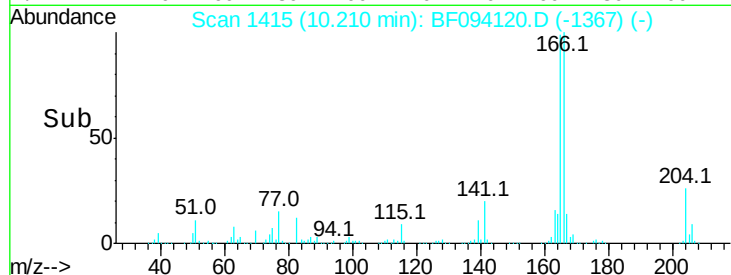
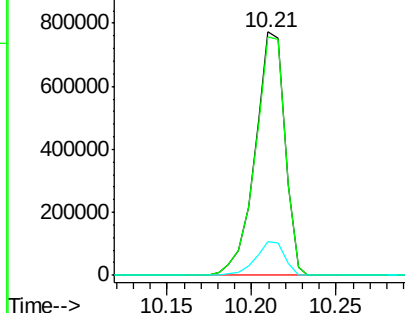
#57
 Fluorene
 Concen: 42.45 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion:166 Resp: 944331
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.8 118.2
 167 13.7 10.6 16.0

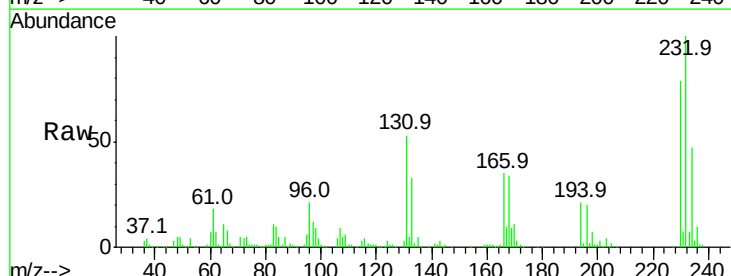


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

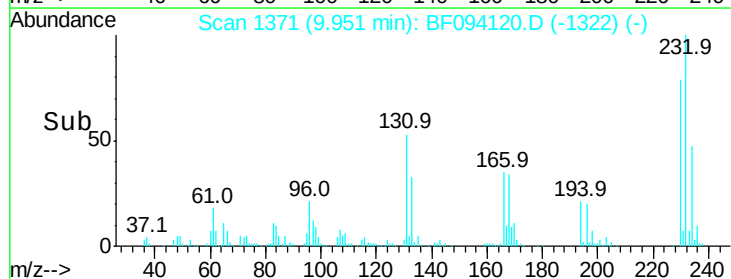
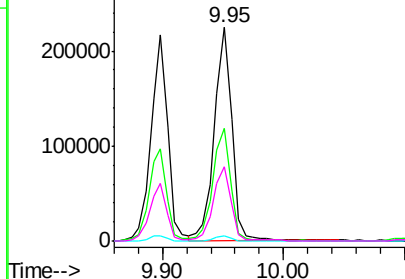


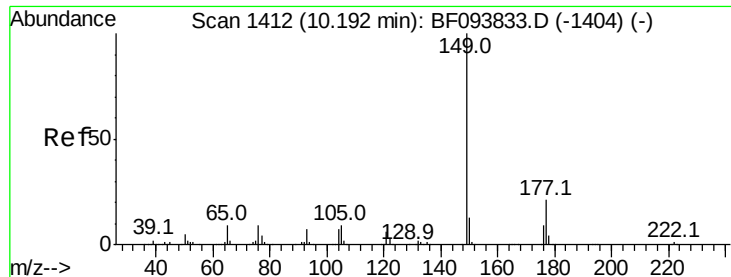
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.20 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:232 Resp: 222867
 Ion Ratio Lower Upper
 232 100
 131 54.3 44.8 67.2
 130 2.6 2.3 3.5
 166 36.4 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

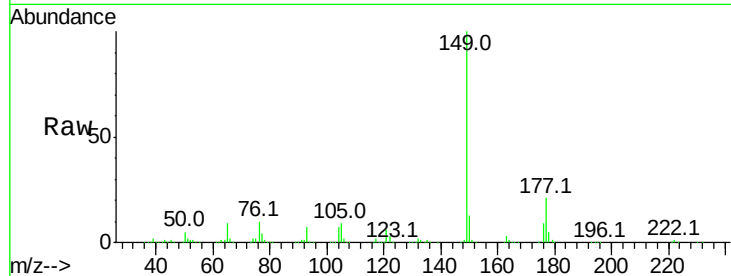




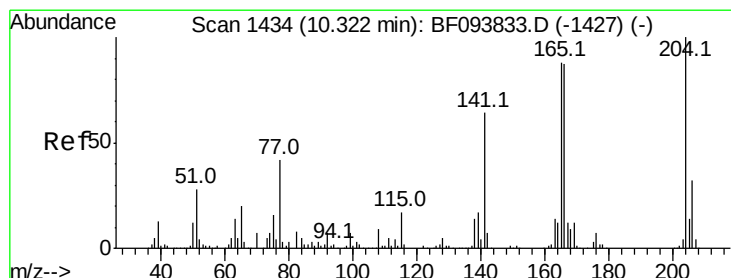
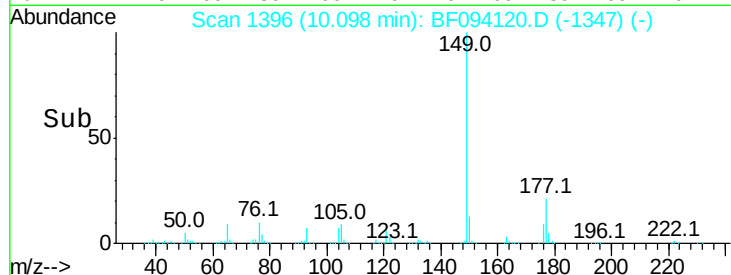
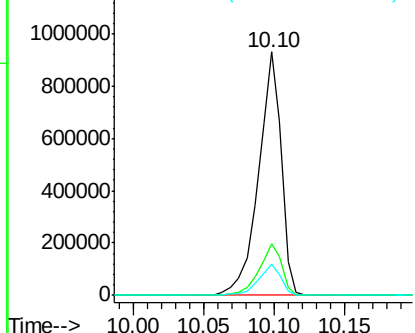
#59
Diethylphthalate
Concen: 46.83 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Tot Ion:149 Resp: 1058696
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.8 10.2 15.2

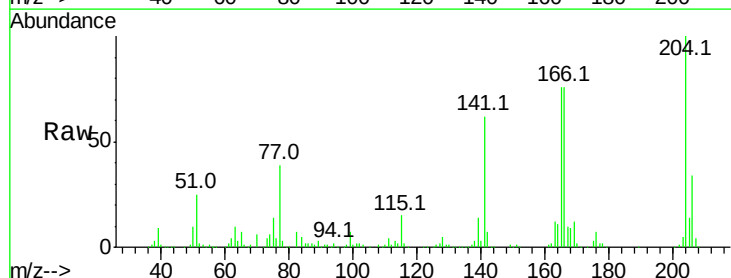


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

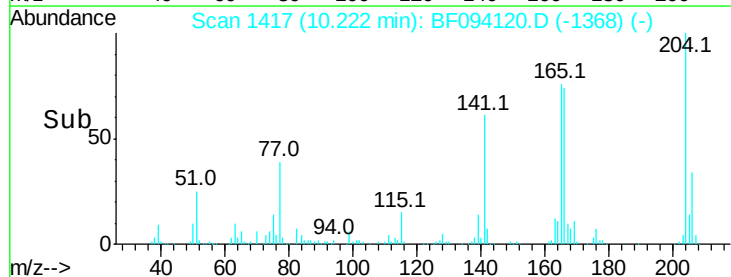
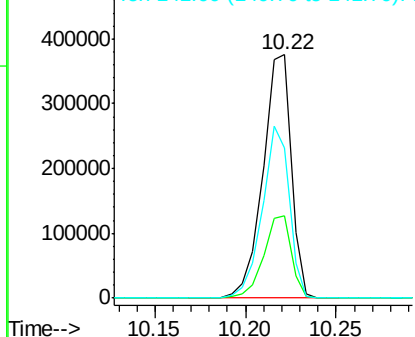


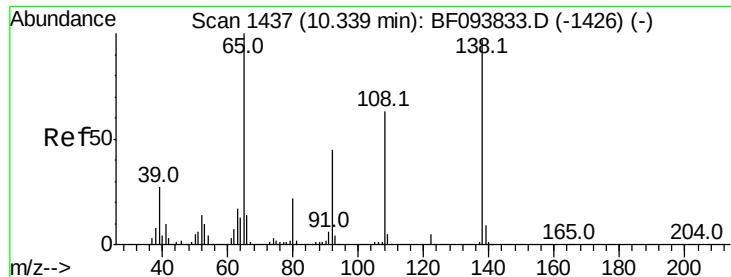
#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:204 Resp: 408133
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 61.6 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: 47.19 ng

RT: 10.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

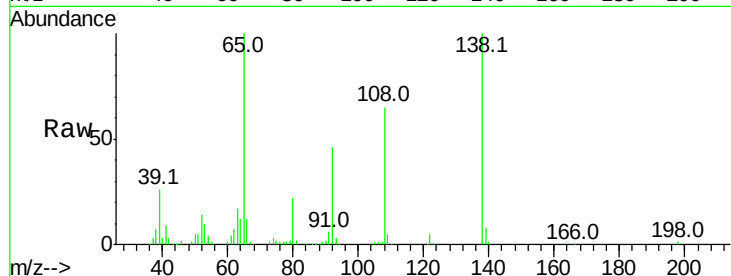
Tot Ion:138 Resp: 278825

Ion Ratio Lower Upper

138 100

92 45.8 21.8 61.8

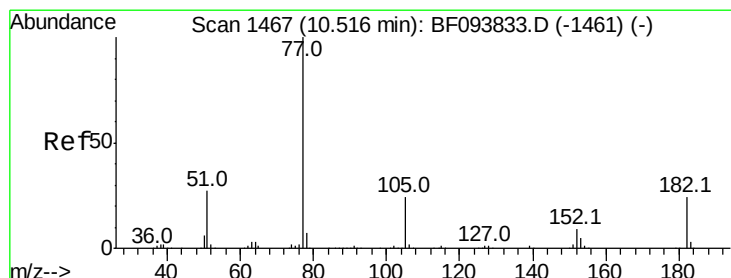
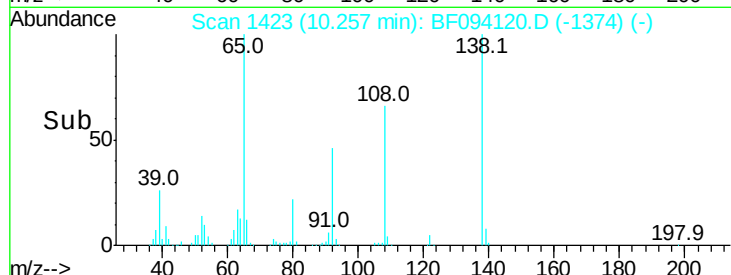
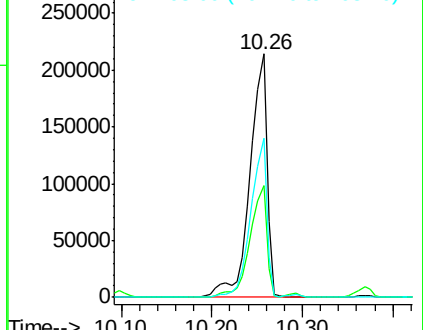
108 65.5 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.01 ng

RT: 10.42 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Tgt Ion: 77 Resp: 1026754

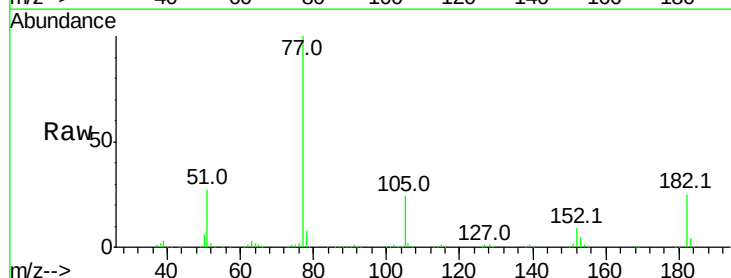
Ion Ratio Lower Upper

77 100

182 24.6 0.1 40.1

105 24.0 3.6 43.6

51 27.0 9.4 49.4

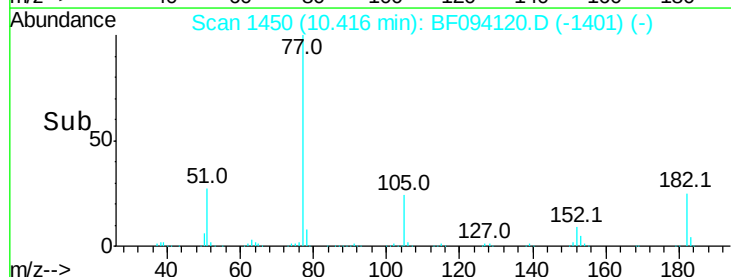
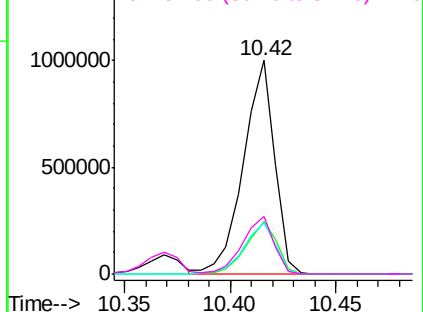


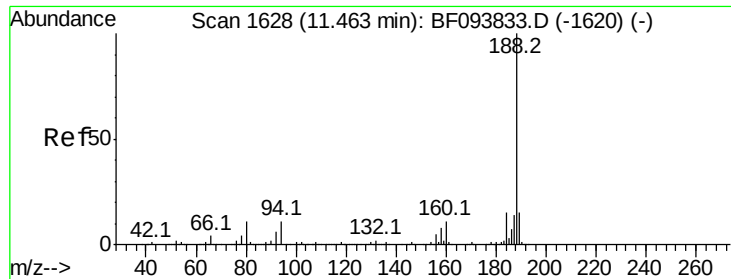
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

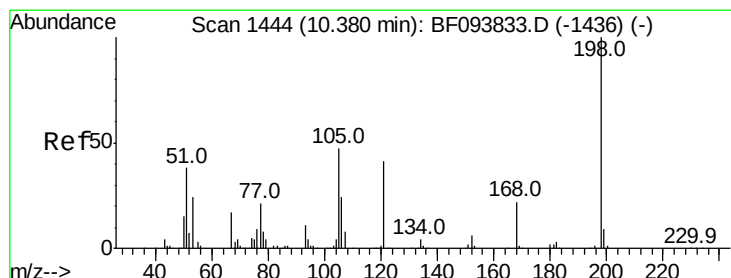
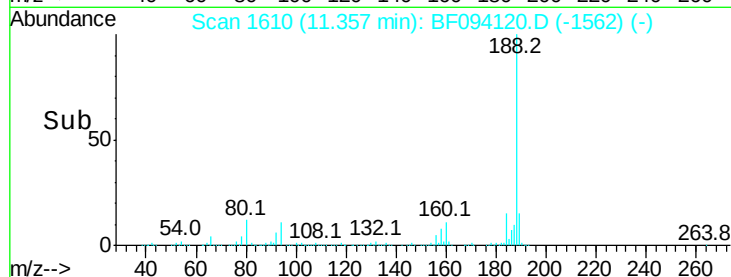
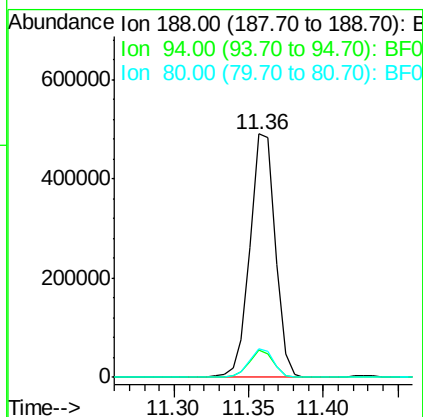
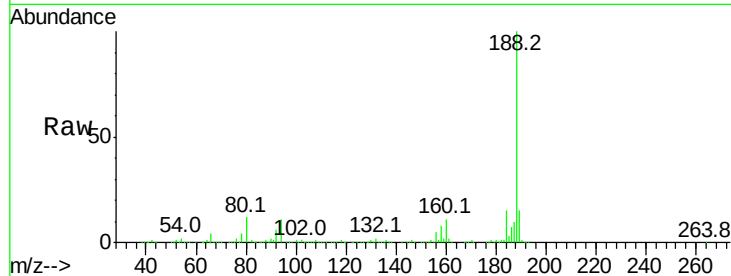




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

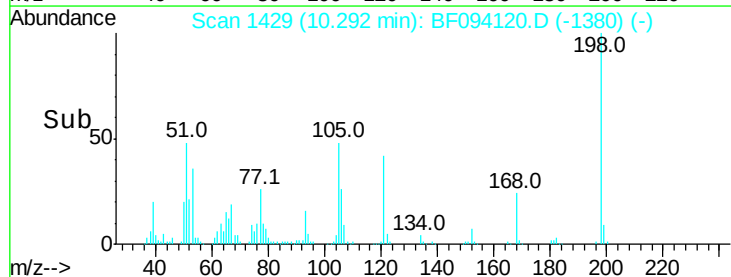
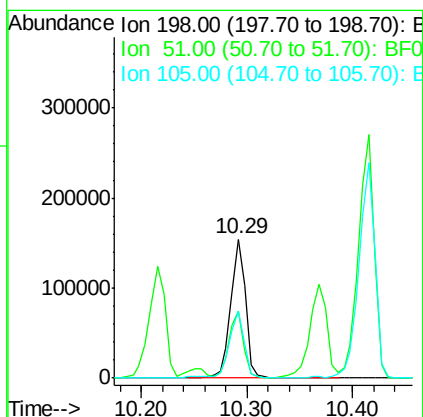
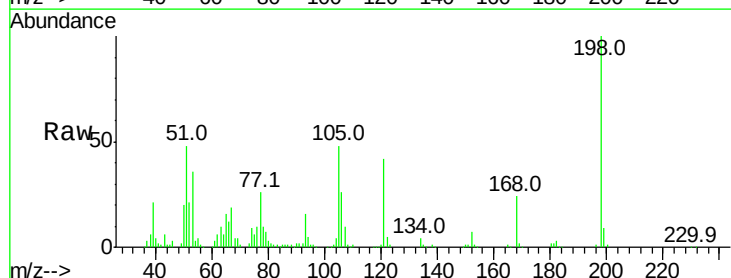
Instrument :
BNA_F
ClientSampleId :
PB97987BS

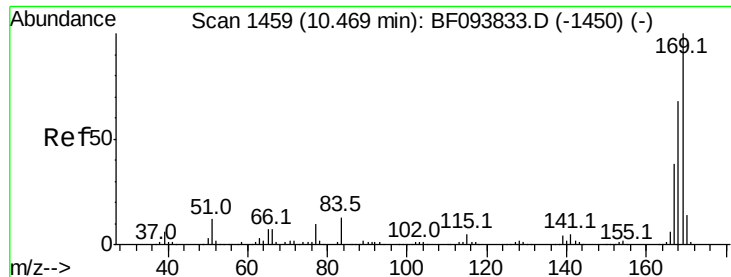
Tot Ion:188 Resp: 572554
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.73 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:198 Resp: 149828
Ion Ratio Lower Upper
198 100
51 48.0 53.2 93.2#
105 48.3 45.8 85.8

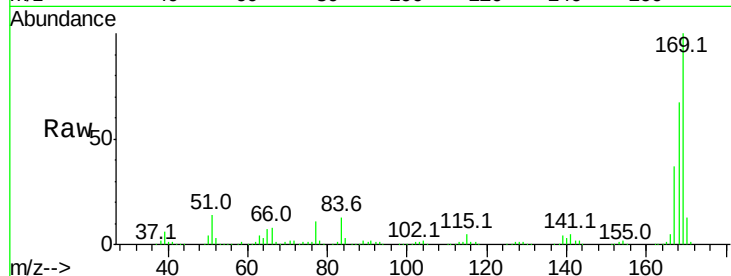




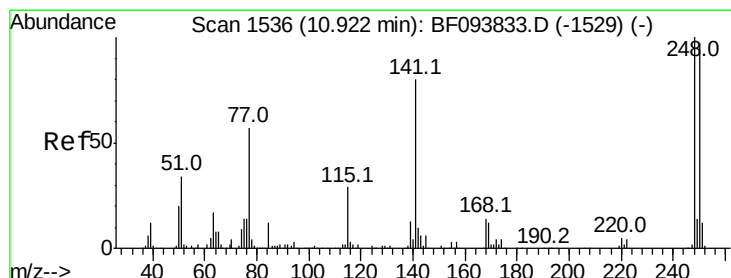
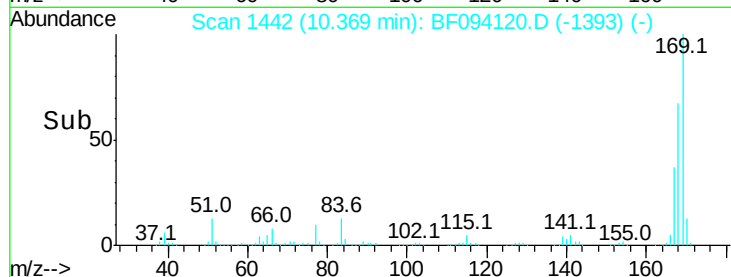
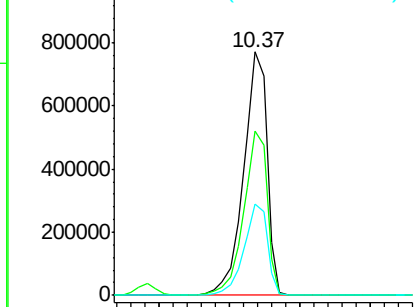
#65
 n-Nitrosodiphenylamine
 Concen: 45.28 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

Tot Ion:169 Resp: 896531
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.2 79.8
 167 37.4 29.5 44.3

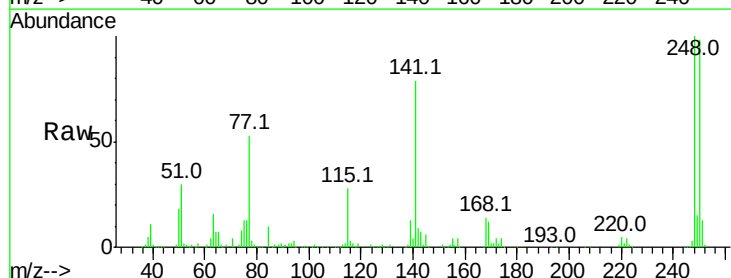


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

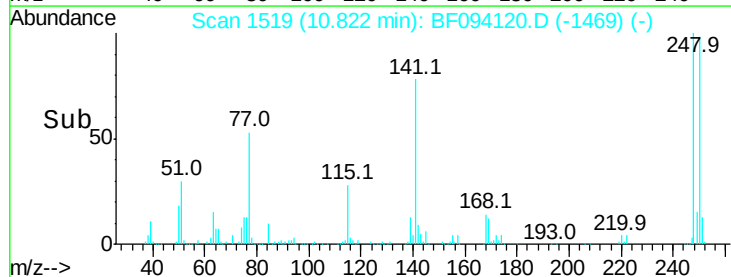
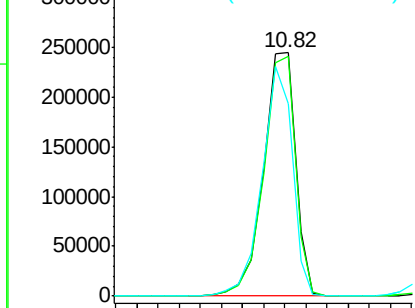


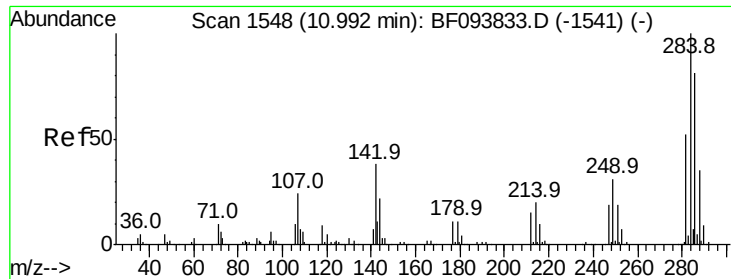
#66
 4-Bromophenyl-phenylether
 Concen: 46.31 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:248 Resp: 260751
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.8 115.2
 141 79.2 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

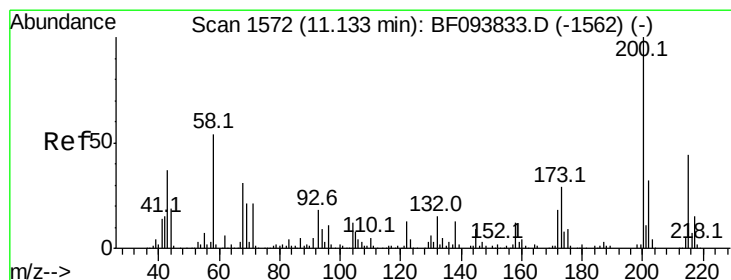
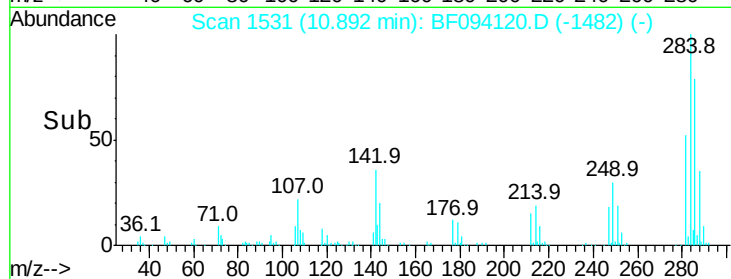
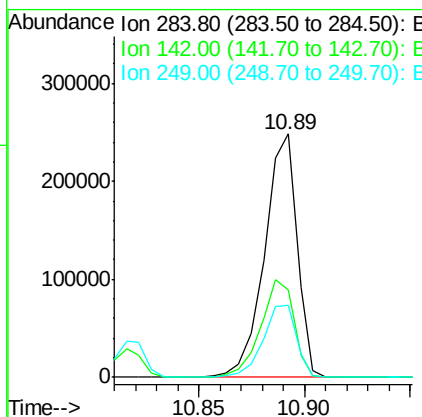
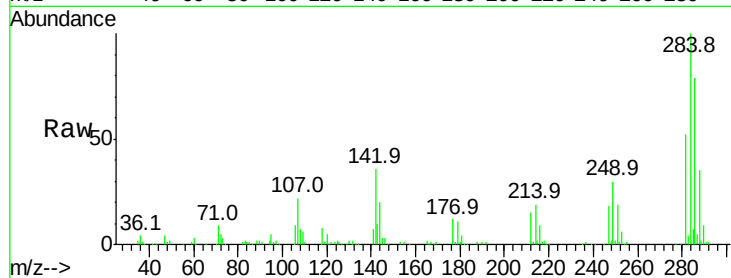




#67
Hexachlorobenzene
Concen: 46.79 ng
RT: 10.89 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

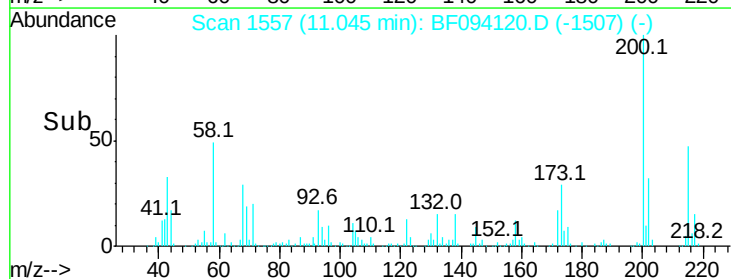
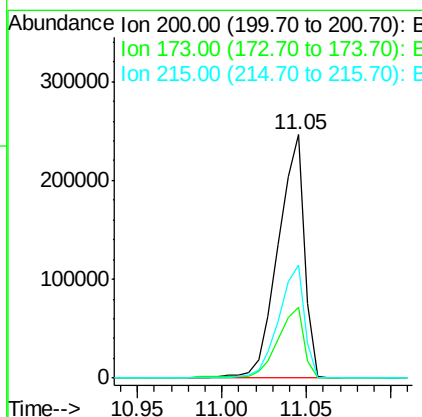
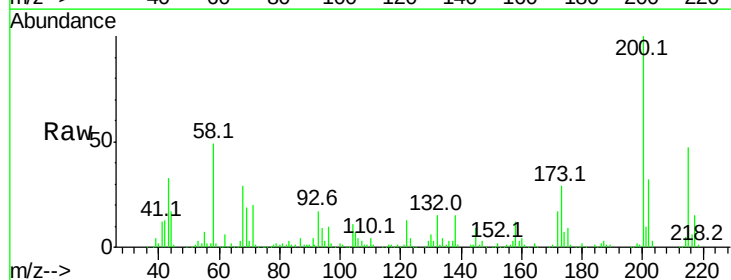
Instrument :
BNA_F
ClientSampleId :
PB97987BS

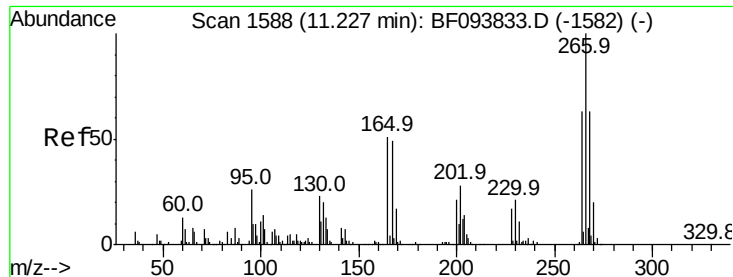
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.7	22.8	34.2#
249	29.7	24.0	36.0



#68
Atrazine
Concen: 45.08 ng
RT: 11.05 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.3	46.3
215	46.6	27.2	67.2

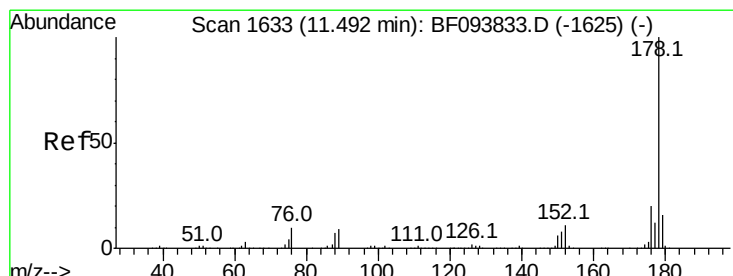
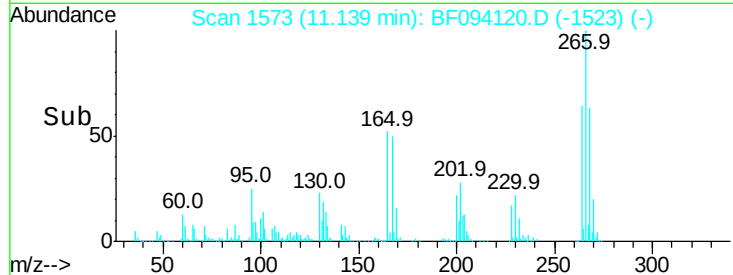
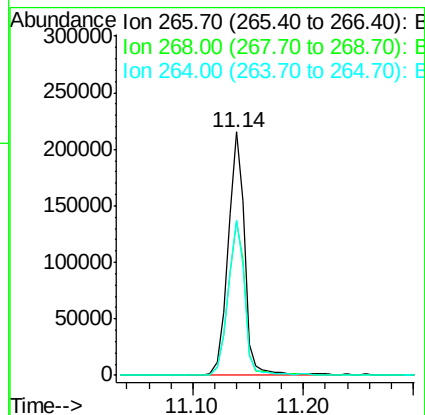
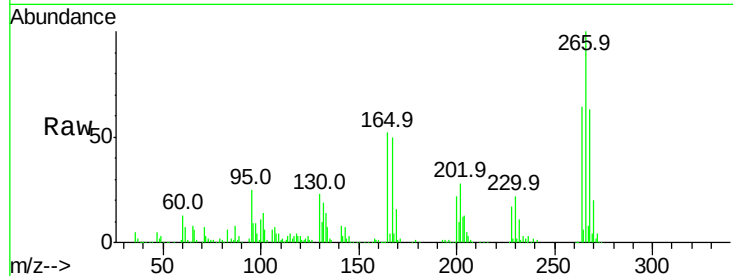




#69
 Pentachlorophenol
 Concen: 64.28 ng
 RT: 11.14 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

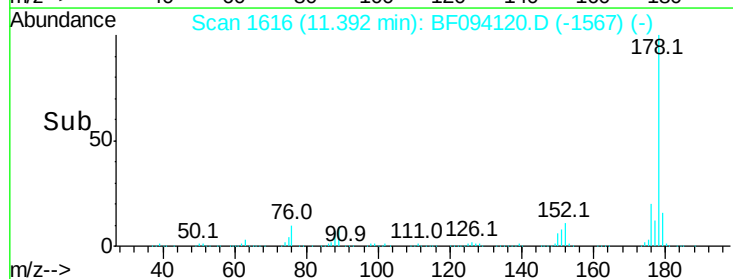
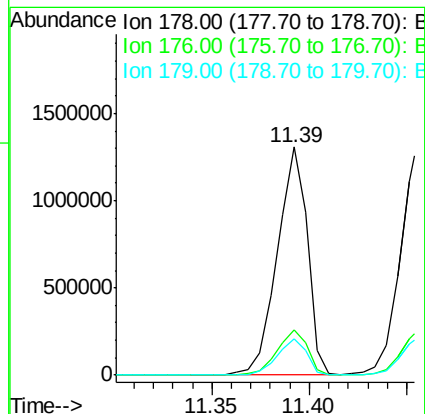
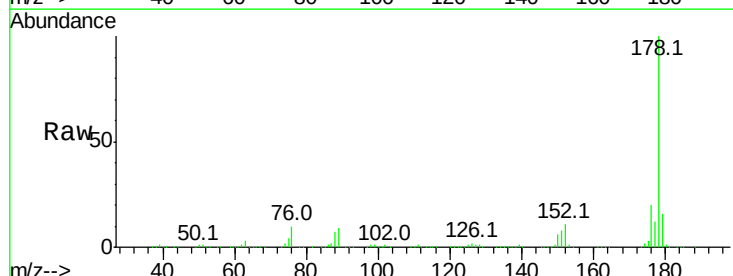
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

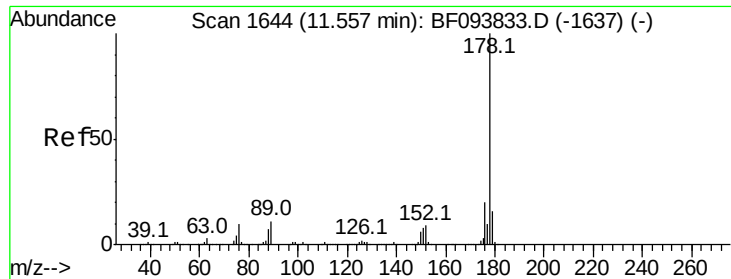
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.9	51.7	77.5



#70
 Phenanthrene
 Concen: 43.89 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.0	12.6	19.0

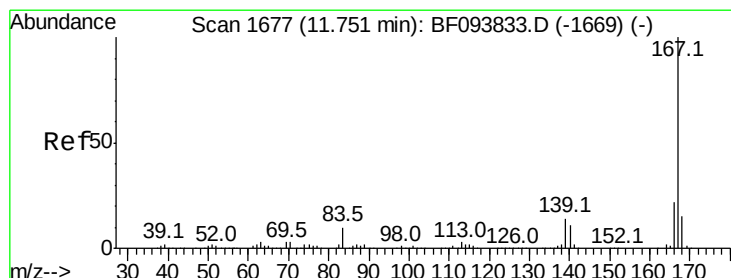
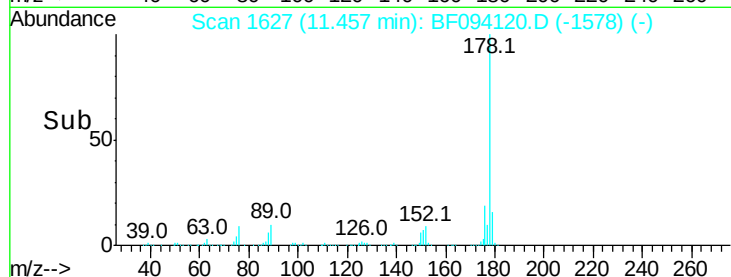
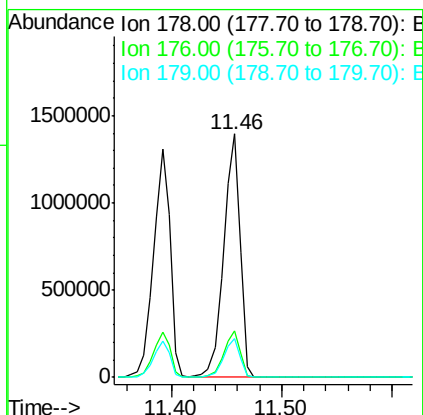
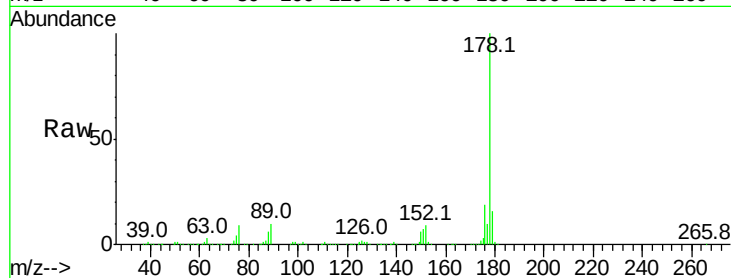




#71
 Anthracene
 Concen: 44.26 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

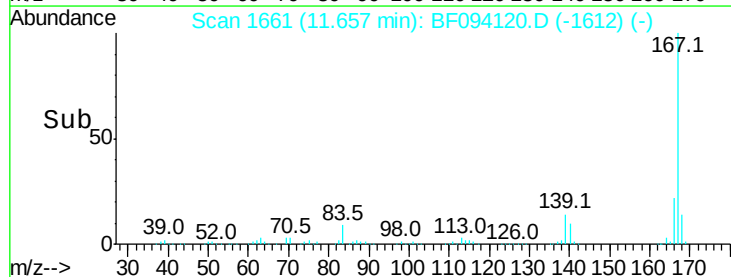
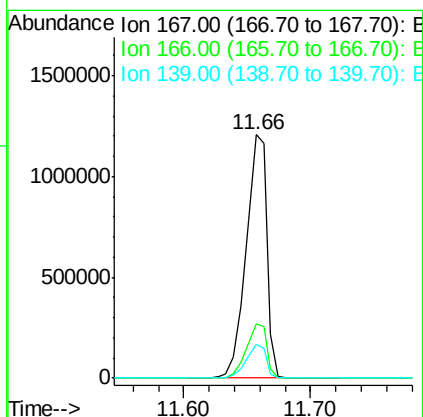
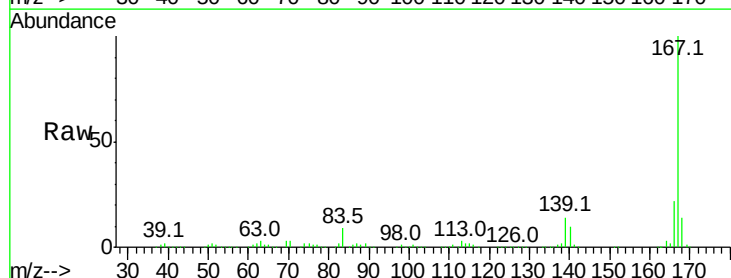
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

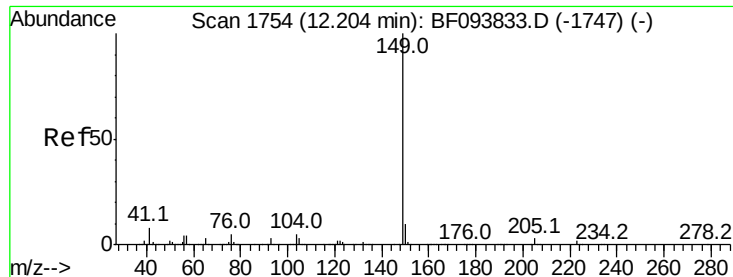
Tot Ion:178 Resp: 1451481
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 40.78 ng
 RT: 11.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:167 Resp: 1371188
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.48 ng

RT: 12.11 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

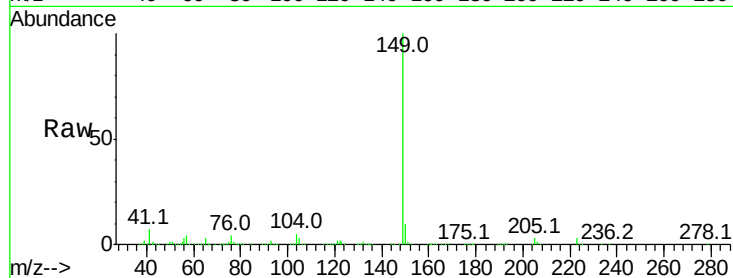
Tot Ion:149 Resp: 1660491

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

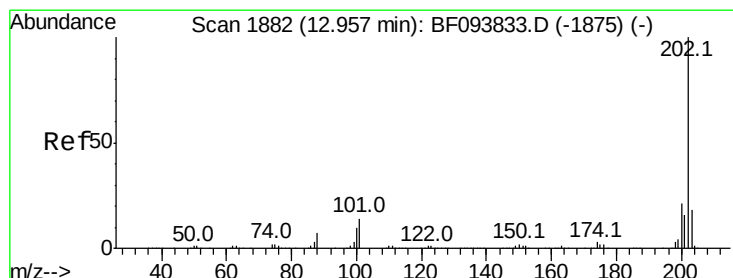
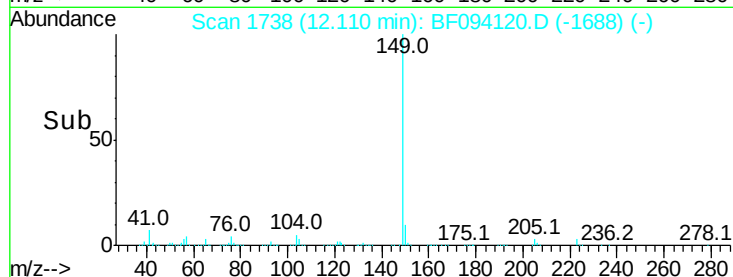
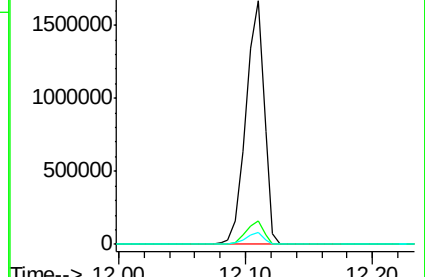
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.98 ng

RT: 12.86 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

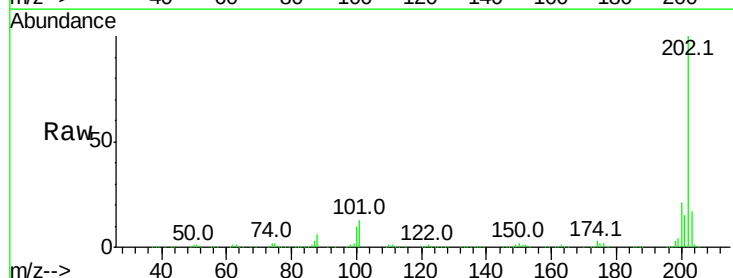
Tgt Ion:202 Resp: 1467028

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

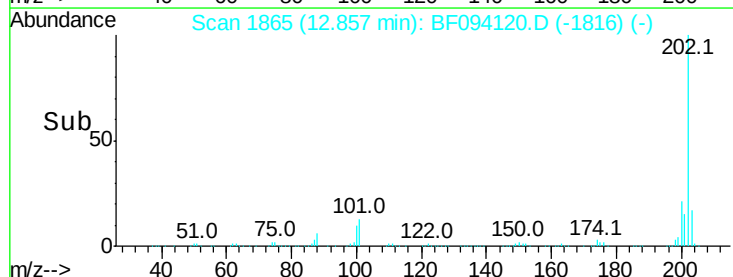
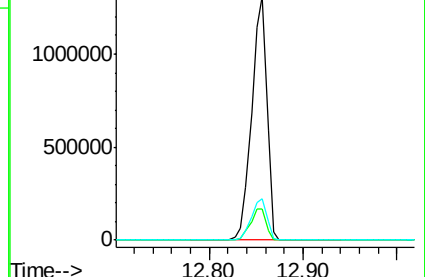
203 17.2 0.0 38.1

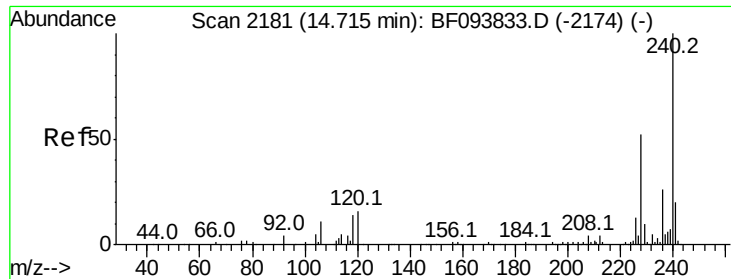


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

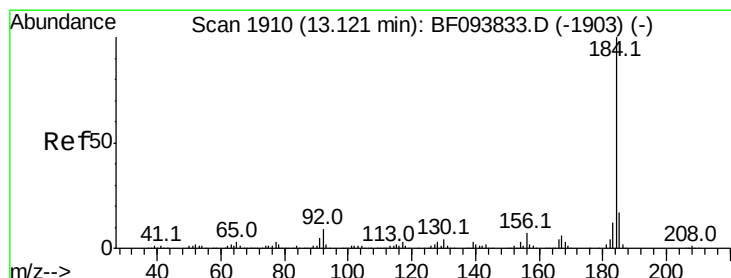
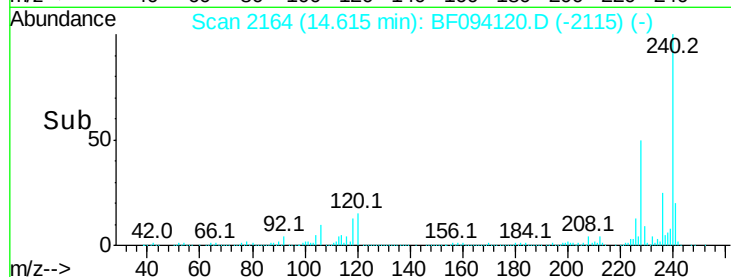
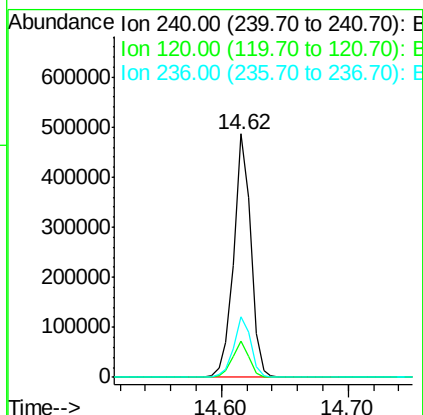
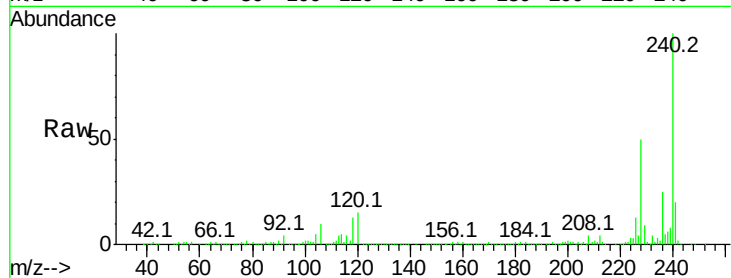




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

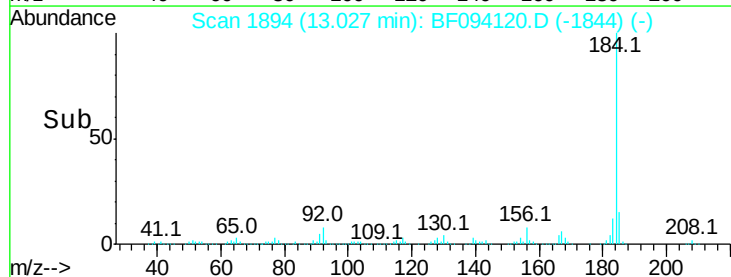
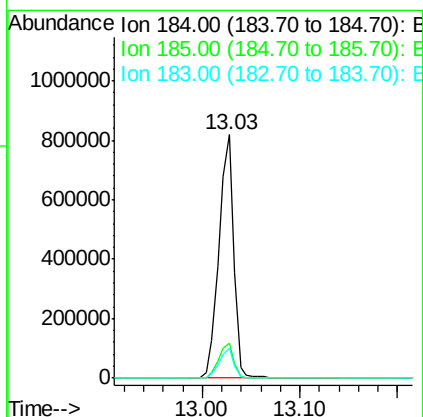
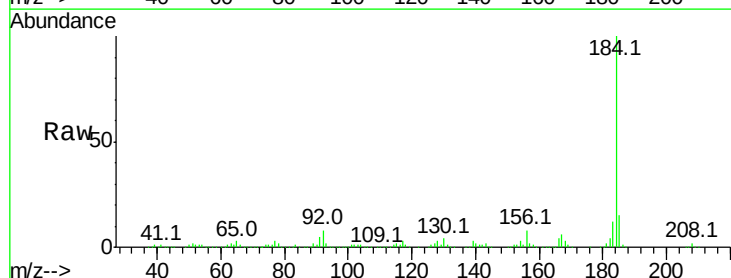
Instrument :
BNA_F
ClientSampleId :
PB97987BS

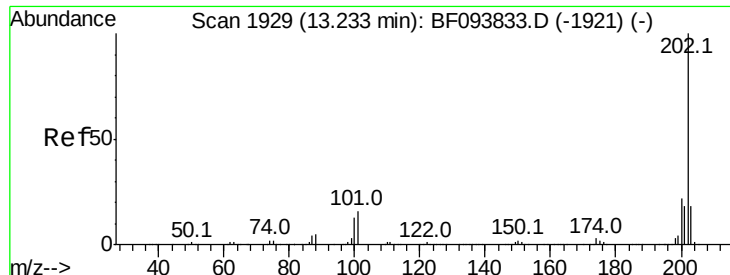
Tot Ion:240 Resp: 450289
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 24.6 20.5 30.7



#76
Benzidine
Concen: 48.77 ng
RT: 13.03 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:184 Resp: 869176
Ion Ratio Lower Upper
184 100
185 14.5 15.5 23.3#
183 12.4 9.8 14.6

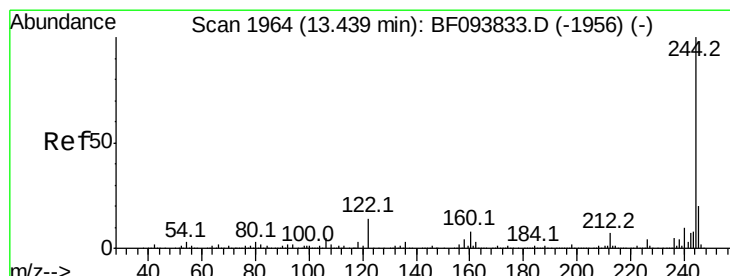
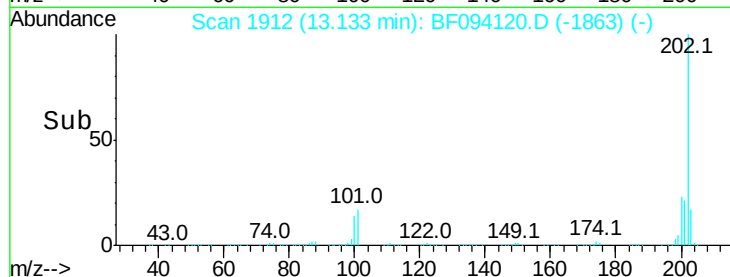
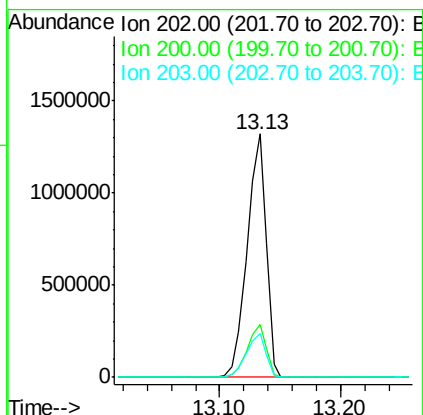
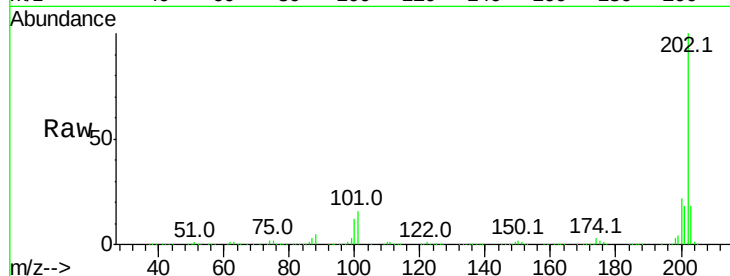




#77
Pvrene
Concen: 44.84 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

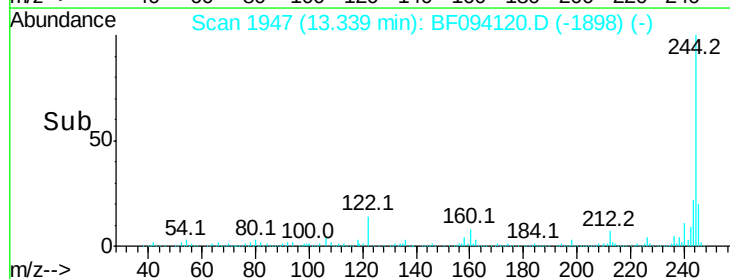
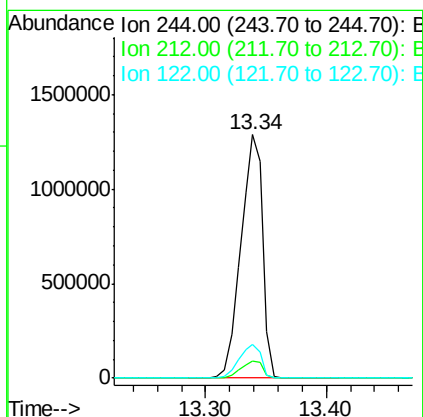
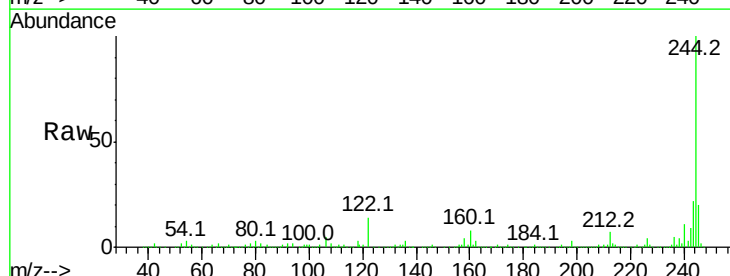
Instrument :
BNA_F
ClientSampleId :
PB97987BS

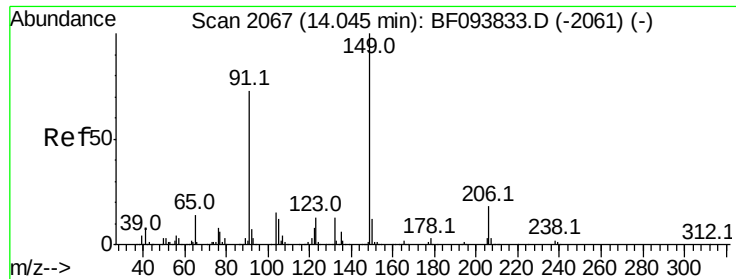
Tot Ion:202 Resp: 1465177
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 80.17 ng
RT: 13.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:244 Resp: 1610506
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.8 10.3 15.5





#79

Butylbenzylphthalate

Concen: 49.98 ng

RT: 13.95 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

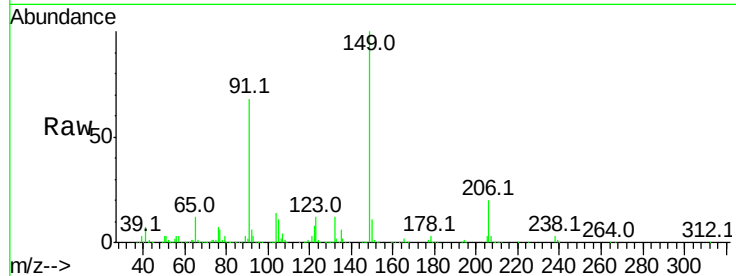
Tot Ion:149 Resp: 695891

Ion Ratio Lower Upper

149 100

91 68.0 45.0 67.4#

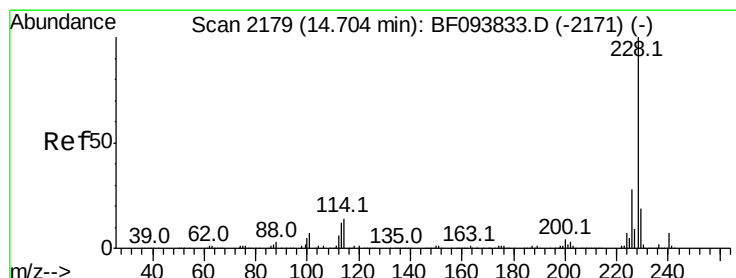
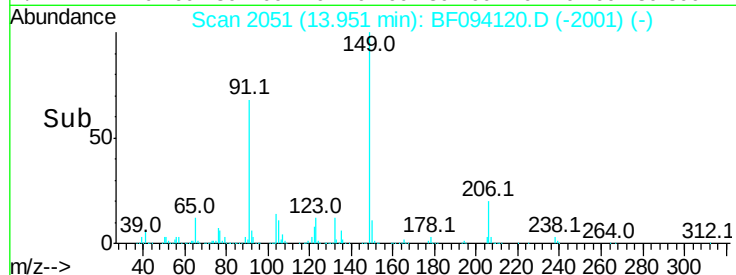
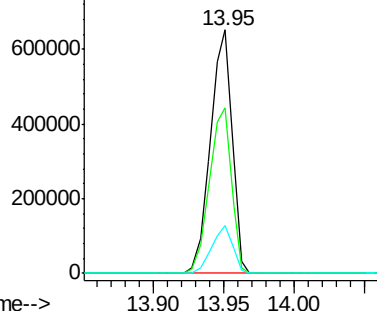
206 19.6 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.74 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

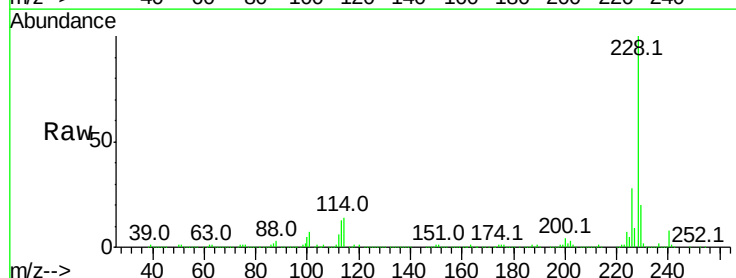
Tgt Ion:228 Resp: 1200988

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

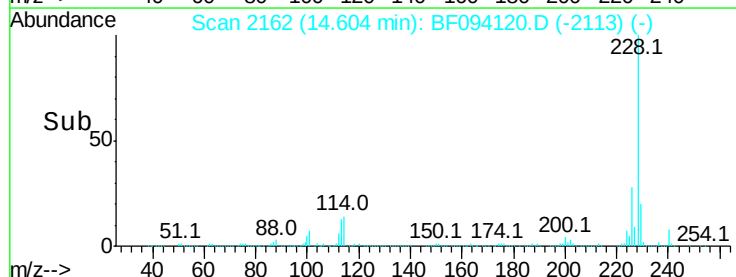
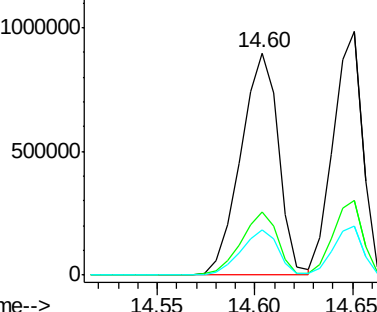
229 20.3 16.3 24.5

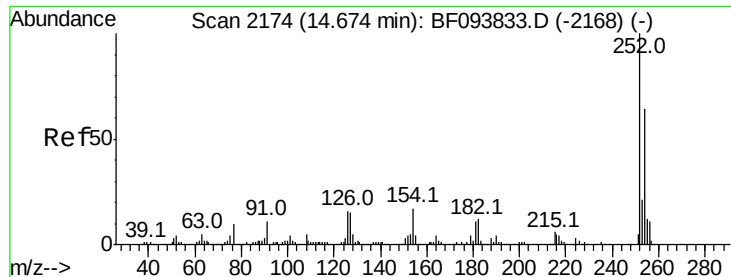


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

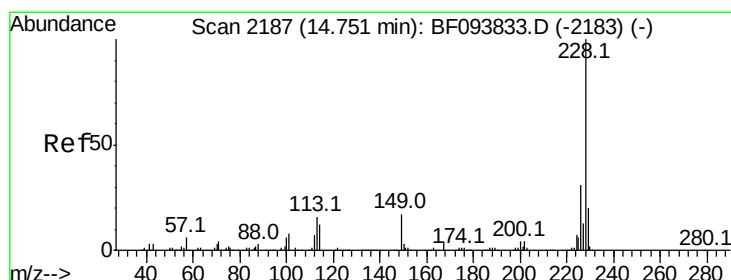
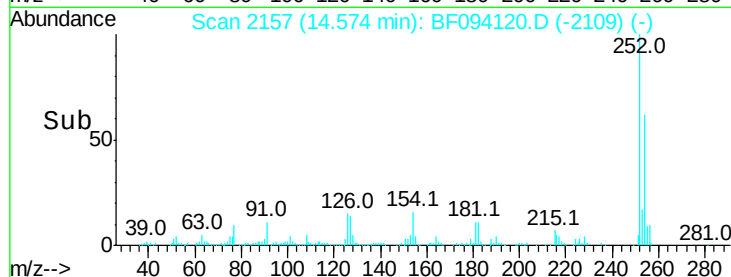
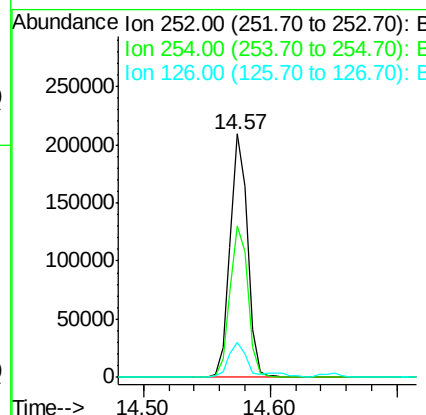
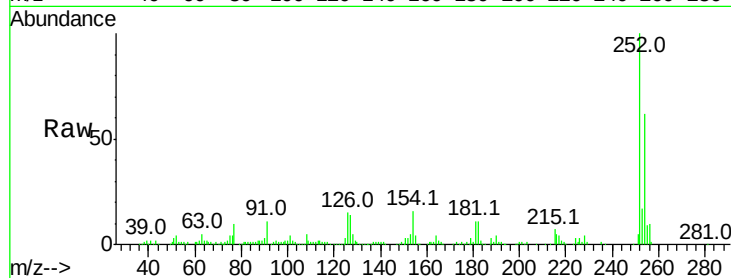




#81
 3,3'-Dichlorobenzidine
 Concen: 21.32 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

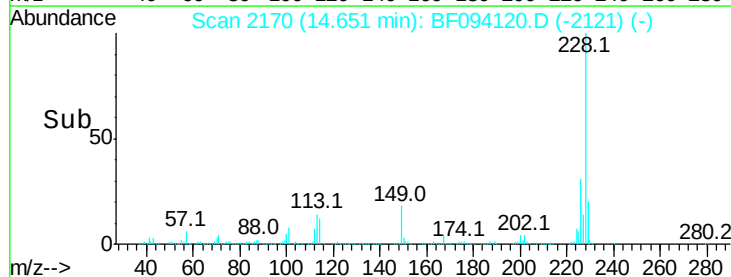
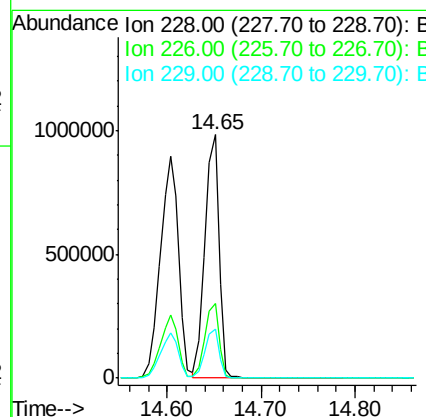
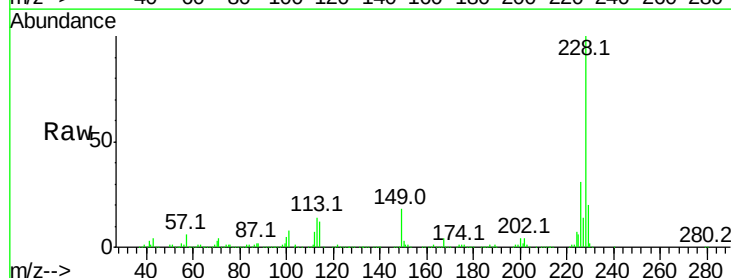
Instrument :
 BNA_F
 ClientSampled :
 PB97987BS

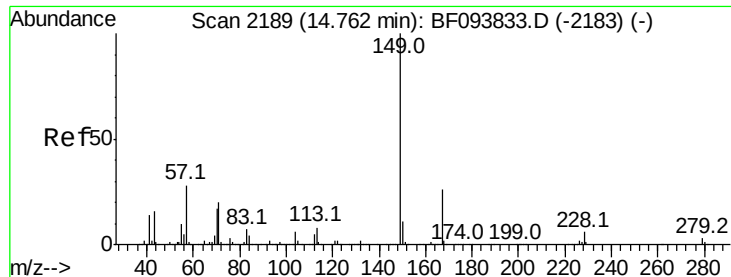
Tot Ion:252 Resp: 200080
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.5 77.3
 126 14.5 15.8 23.8#



#82
 Chrysene
 Concen: 42.61 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:228 Resp: 1038226
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.1 15.8 23.6

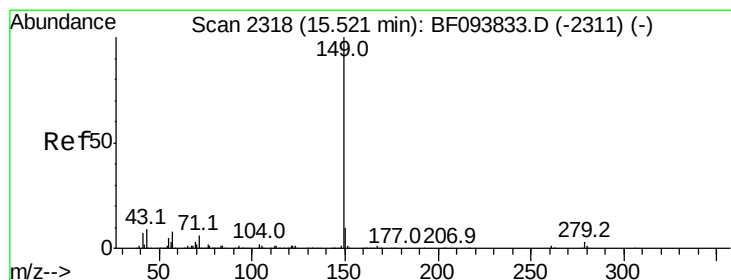
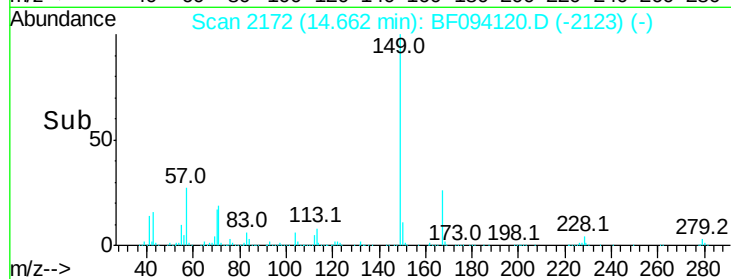
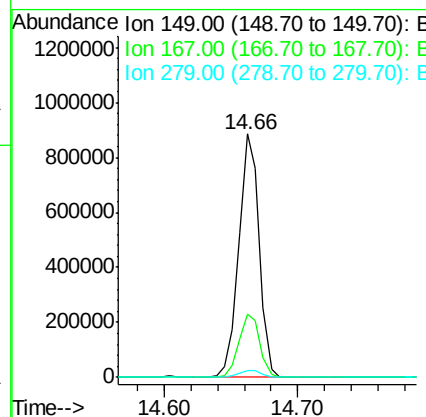
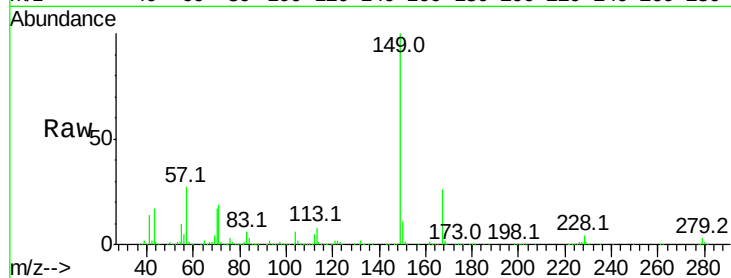




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.75 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

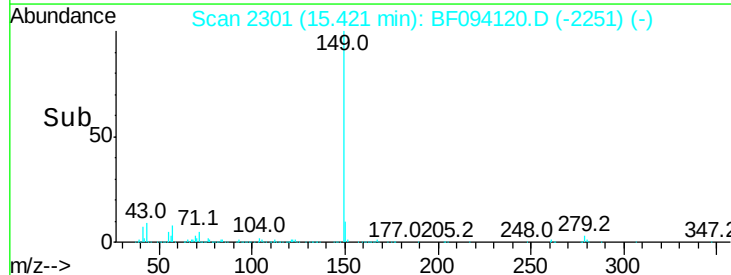
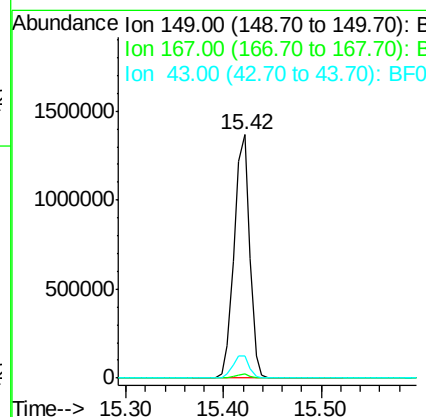
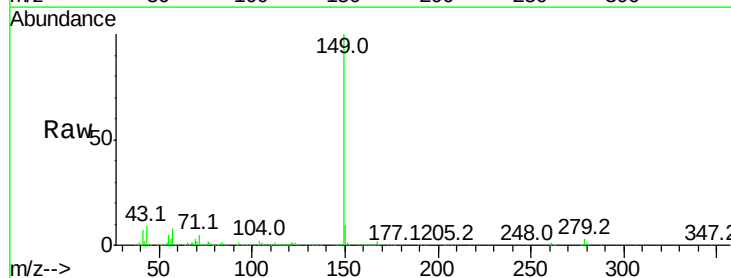
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

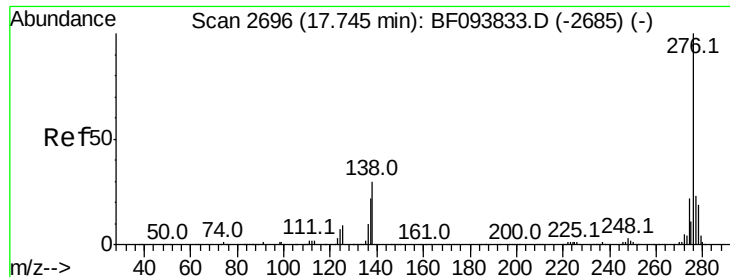
Tot Ion:149 Resp: 945016
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.57 ng
 RT: 15.42 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:149 Resp: 1509699
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7

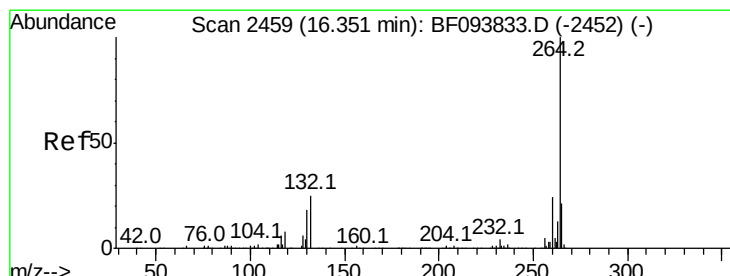
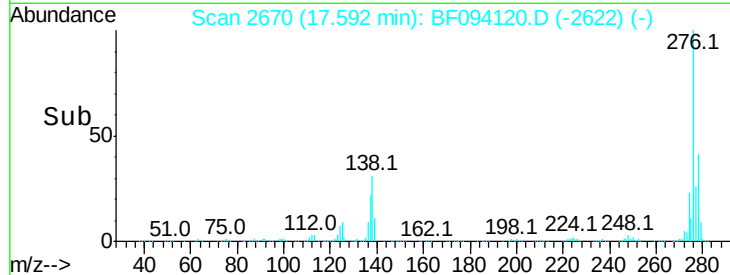
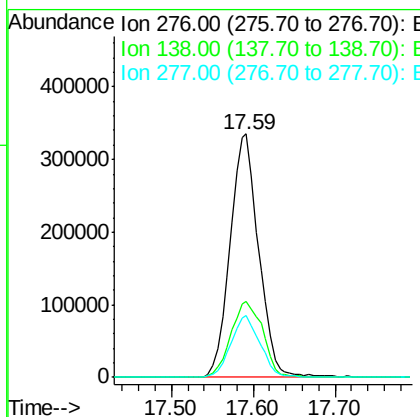
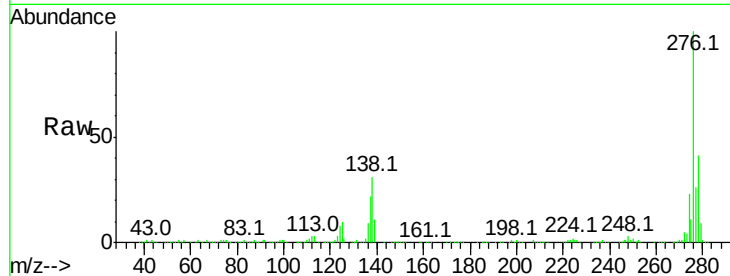




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.59 ng
 RT: 17.59 min Scan# 2670
 Delta R.T. -0.02 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

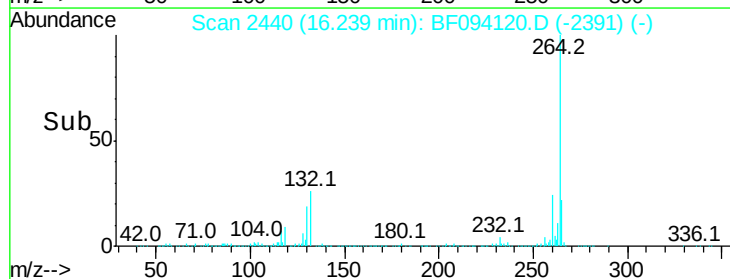
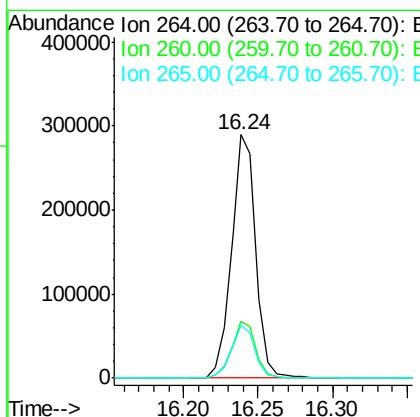
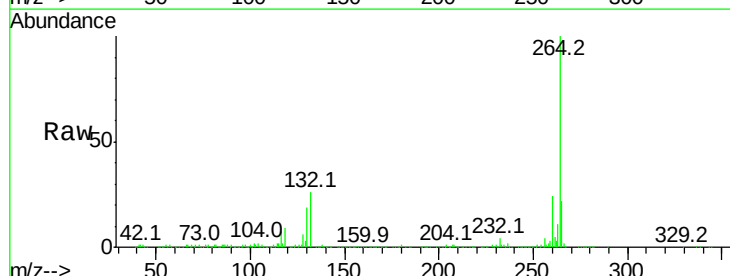
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BS

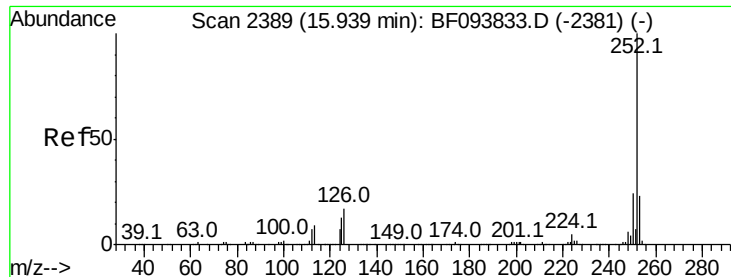
Tot Ion:276 Resp: 814347
 Ion Ratio Lower Upper
 276 100
 138 35.3 27.8 41.6
 277 25.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094120.D
 Acq: 3 Apr 2017 14:59

Tgt Ion:264 Resp: 328346
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.8 17.2 25.8

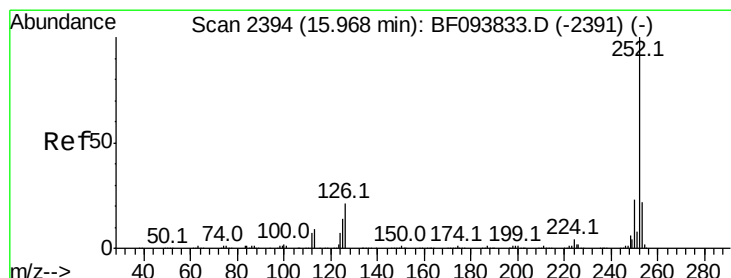
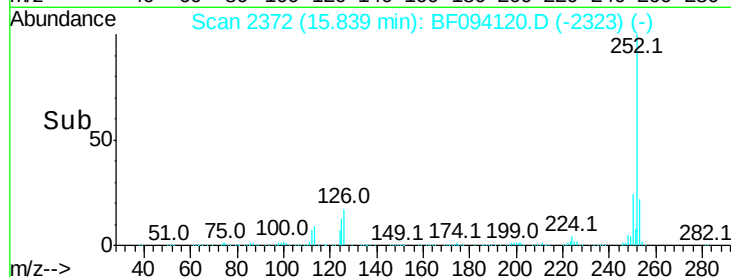
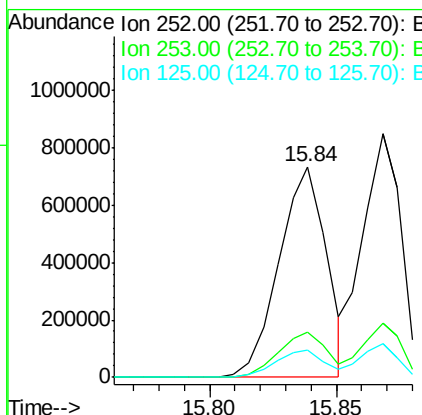
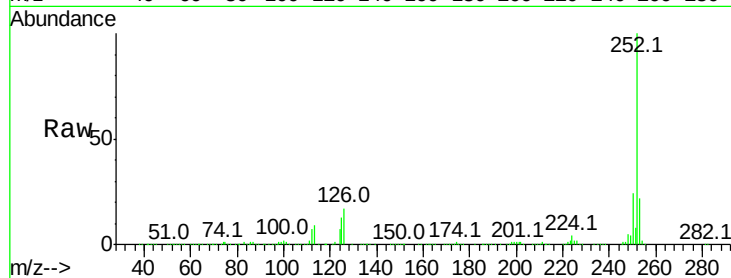




#87
Benzo(b)fluoranthene
Concen: 47.47 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

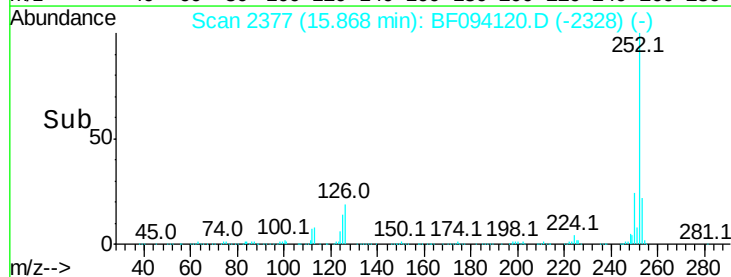
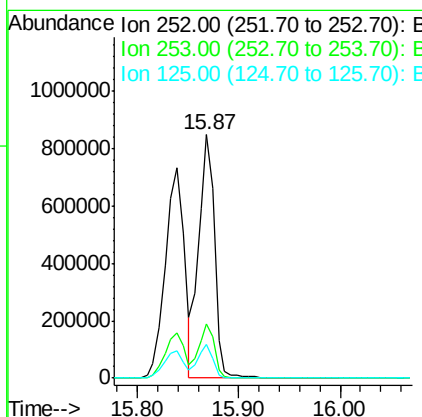
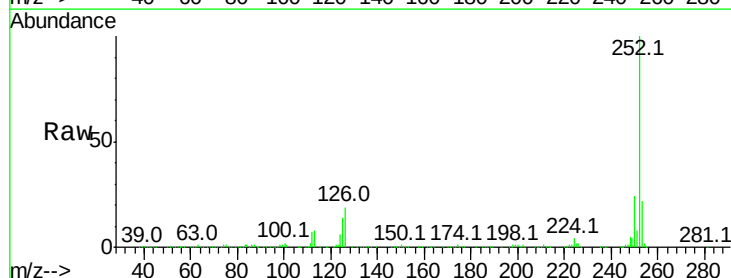
Instrument :
BNA_F
ClientSampleId :
PB97987BS

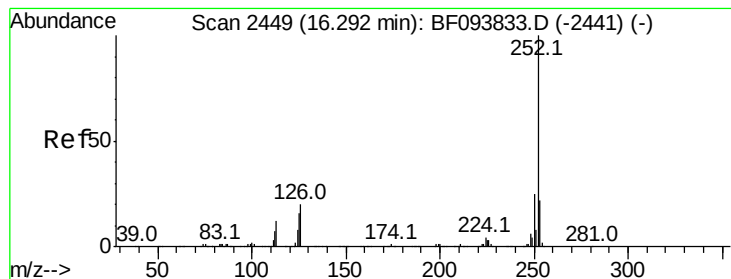
Tot Ion:252 Resp: 955308
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 13.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 46.52 ng
RT: 15.87 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BF094120.D
Acq: 3 Apr 2017 14:59

Tgt Ion:252 Resp: 916029
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 14.0 13.1 19.7





#89

Benzo(a)pyrene

Concen: 46.83 ng

RT: 16.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

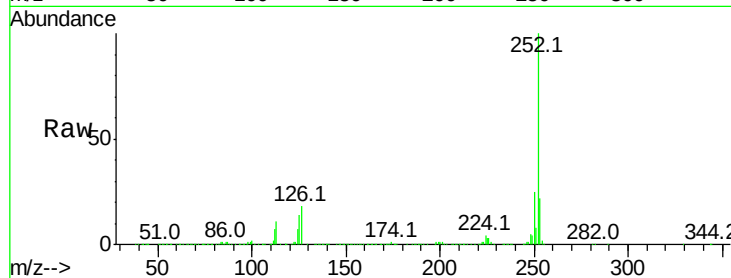
Tot Ion:252 Resp: 867888

Ion Ratio Lower Upper

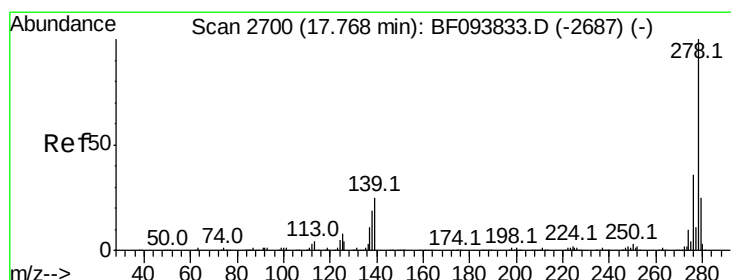
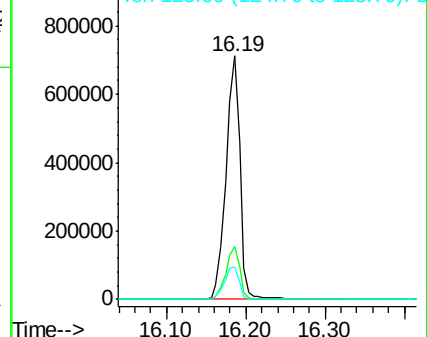
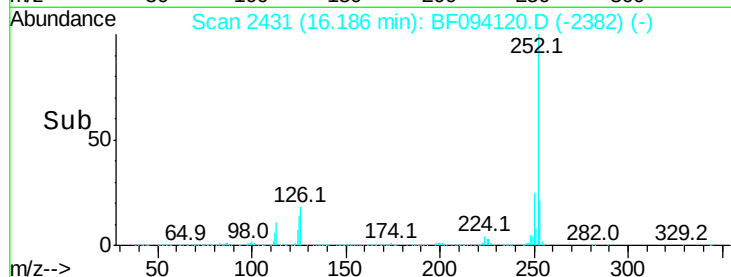
252 100

253 21.5 17.5 26.3

125 13.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.49 ng

RT: 17.61 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

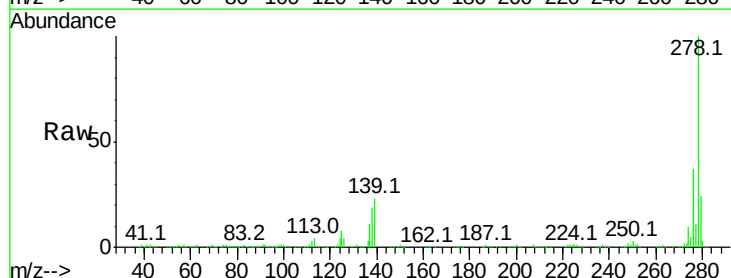
Tgt Ion:278 Resp: 682559

Ion Ratio Lower Upper

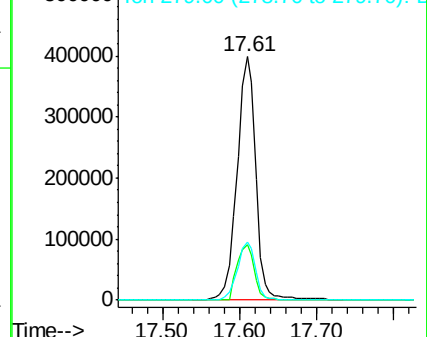
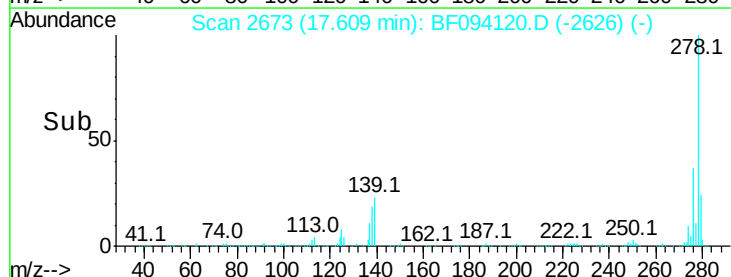
278 100

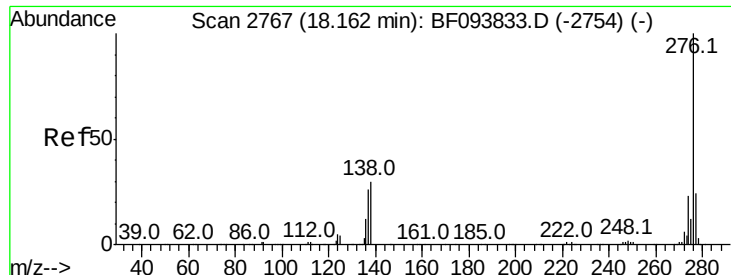
139 22.6 16.6 24.8

279 23.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.44 ng

RT: 17.99 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BF094120.D

Acq: 3 Apr 2017 14:59

Instrument :

BNA_F

ClientSampleId :

PB97987BS

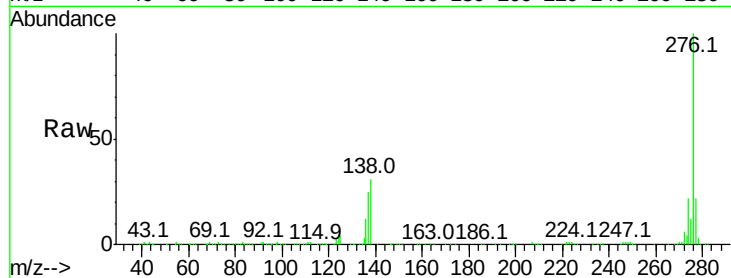
Tot Ion:276 Resp: 687183

Ion Ratio Lower Upper

276 100

277 21.8 18.6 28.0

138 30.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

