

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093951.D
 Acq On : 27 Mar 2017 19:33
 Operator : SJ/MA
 Sample : PB97837BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Quant Time: Mar 28 00:27:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	157320	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	638002	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	296639	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	529489	20.00	ng	0.00
75) Chrysene-d12	14.67	240	440070	20.00	ng	-0.01
86) Perylene-d12	16.30	264	354146	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	1129962	121.31	ng	0.00
7) Phenol-d6	5.54	99	1432185	124.29	ng	-0.01
23) Nitrobenzene-d5	6.59	82	874731	78.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	322394	137.54	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1629158	83.77	ng	-0.01
78) Terphenyl-d14	13.39	244	1383155	70.45	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	154598	34.55	ng	97
3) Pyridine	2.85	79	445369	36.52	ng	99
4) n-Nitrosodimethylamine	2.80	42	195970	39.05	ng	91
6) Aniline	5.56	93	280579	17.50	ng	# 87
8) 2-Chlorophenol	5.70	128	432657	42.26	ng	95
9) Benzaldehyde	5.43	77	95162	12.23	ng	96
10) Phenol	5.56	94	515929	39.35	ng	98
11) bis(2-Chloroethyl)ether	5.65	93	401143	39.15	ng	97
12) 1,3-Dichlorobenzene	5.87	146	459336	40.00	ng	99
13) 1,4-Dichlorobenzene	5.96	146	463558	39.85	ng	97
14) 1,2-Dichlorobenzene	6.13	146	430620	40.20	ng	98
15) Benzyl Alcohol	6.10	79	364507	43.22	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.27	45	566910	35.90	ng	97
17) 2-Methylphenol	6.25	107	364961	41.62	ng	97
18) Hexachloroethane	6.53	117	163815	40.07	ng	# 81
19) n-Nitroso-di-n-propylamine	6.42	70	290031	39.16	ng	99
20) 3+4-Methylphenols	6.42	107	451451	42.51	ng	# 69
22) Acetophenone	6.41	105	594144	41.78	ng	# 89
24) Nitrobenzene	6.61	77	436773	39.61	ng	93
25) Isophorone	6.90	82	790953	40.26	ng	95
26) 2-Nitrophenol	6.99	139	242212	46.06	ng	97
27) 2,4-Dimethylphenol	7.05	122	397808	43.91	ng	99
28) bis(2-Chloroethoxy)methane	7.16	93	504466	38.94	ng	99
29) 2,4-Dichlorophenol	7.28	162	375074	44.28	ng	99
30) 1,2,4-Trichlorobenzene	7.38	180	363886	41.71	ng	100
31) Naphthalene	7.47	128	1220163	39.77	ng	100
32) Benzoic acid	7.20	122	283916	47.07	ng	94
33) 4-Chloroaniline	7.53	127	132673	10.67	ng	92
34) Hexachlorobutadiene	7.63	225	181786	40.63	ng	99
35) Caprolactam	7.97	113	67541	25.00	ng	100
36) 4-Chloro-3-methylphenol	8.15	107	397274	44.88	ng	91
37) 2-Methylnaphthalene	8.32	142	861743	42.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	310893	38.31	ng	99
40) Hexachlorocyclopentadiene	8.52	237	335855	88.44	ng	98

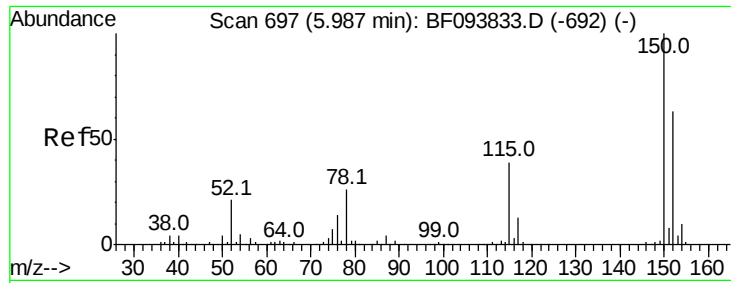
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	260233	45.33	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	259489	41.77	nq	95
45) 1,1'-Biphenyl	8.89	154	963181	40.26	nq	99
46) 2-Chloronaphthalene	8.91	162	755330	40.33	nq	95
47) 2-Nitroaniline	9.03	65	235919	42.46	nq	90
48) Acenaphthylene	9.42	152	1237507	39.76	nq	99
49) Dimethylphthalate	9.28	163	905036	42.92	nq	99
50) 2,6-Dinitrotoluene	9.34	165	206291	42.68	nq	# 84
51) Acenaphthene	9.63	154	727063	40.03	nq	99
52) 3-Nitroaniline	9.54	138	100626	17.73	nq	88
53) 2,4-Dinitrophenol	9.67	184	228674	87.91	nq	# 76
54) Dibenzofuran	9.85	168	1069854	43.27	nq	100
55) 4-Nitrophenol	9.78	139	370259	83.30	nq	# 73
56) 2,4-Dinitrotoluene	9.84	165	263304	43.36	nq	# 76
57) Fluorene	10.26	166	809778	39.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	199860	46.89	nq	98
59) Diethylphthalate	10.15	149	885545	42.49	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	347349	39.77	nq	89
61) 4-Nitroaniline	10.30	138	227407	41.75	nq	94
62) Azobenzene	10.47	77	860673	43.66	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	148593	45.82	nq	# 74
65) n-Nitrosodiphenylamine	10.42	169	753556	41.15	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	213974	41.09	nq	96
67) Hexachlorobenzene	10.95	284	224537	42.59	nq	# 92
68) Atrazine	11.09	200	229900	41.92	nq	96
69) Pentachlorophenol	11.19	266	245503	74.82	nq	99
70) Phenanthrene	11.45	178	1200143	40.75	nq	99
71) Anthracene	11.51	178	1245361	41.06	nq	99
72) Carbazole	11.71	167	1181864	38.00	nq	98
73) Di-n-butylphthalate	12.16	149	1373690	42.48	nq	100
74) Fluoranthene	12.91	202	1252311	41.52	nq	99
76) Benzidine	13.07	184	465748	26.74	nq	# 93
77) Pyrene	13.19	202	1258786	39.41	nq	100
79) Butylbenzylphthalate	14.00	149	597738	43.93	nq	# 83
80) Benzo(a)anthracene	14.66	228	1063728	41.45	nq	99
81) 3,3'-Dichlorobenzidine	14.63	252	172937	18.85	nq	# 96
82) Chrysene	14.70	228	914969	38.42	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	794481	42.79	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1376115	44.37	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	764305	37.06	nq	99
87) Benzo(b)fluoranthene	15.89	252	916524	42.22	nq	99
88) Benzo(k)fluoranthene	15.92	252	881119	41.48	nq	96
89) Benzo(a)pyrene	16.24	252	828449	41.44	nq	100
90) Dibenzo(a,h)anthracene	17.70	278	629477	37.18	nq	99
91) Benzo(g,h,i)perylene	18.08	276	616169	36.11	nq	98

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

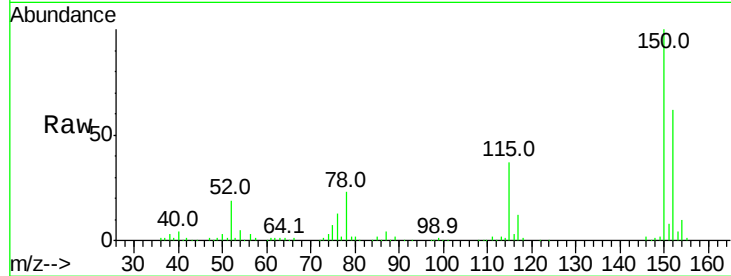


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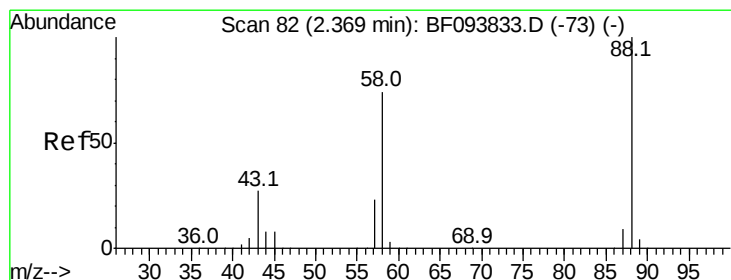
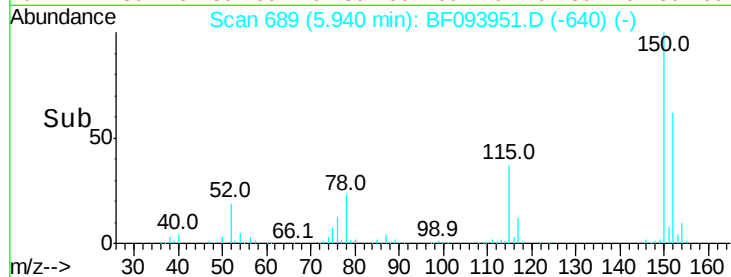
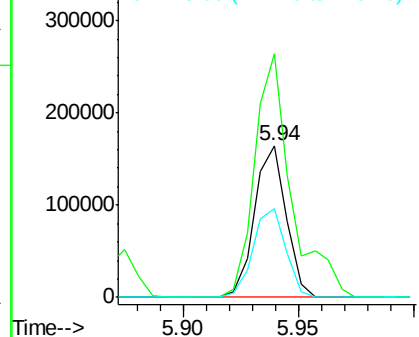
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion:152 Resp: 157320
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 58.8 52.2 78.2



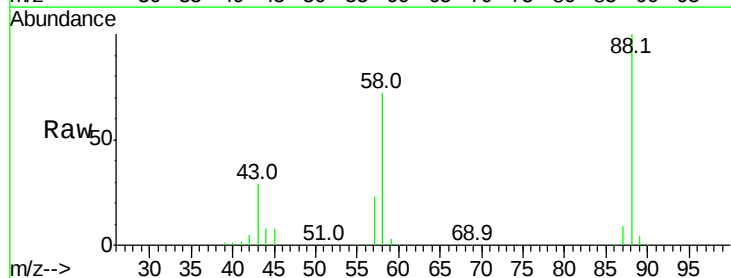
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



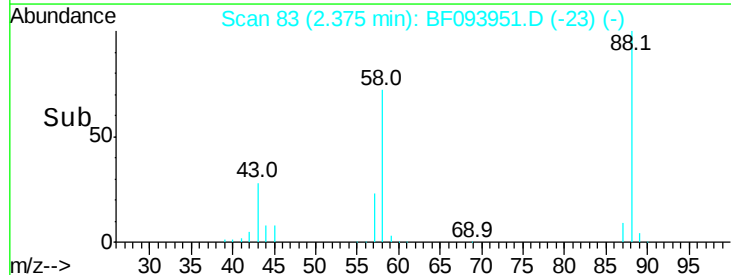
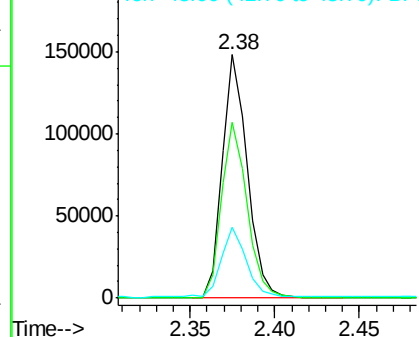
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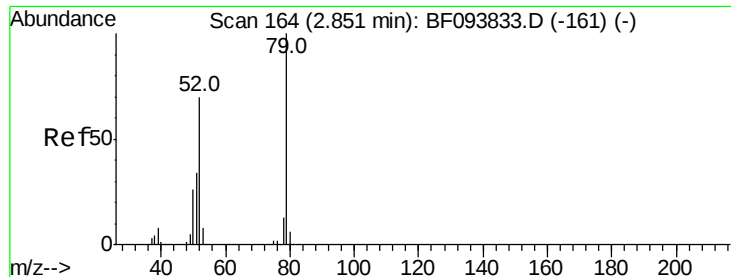
1,4-Dioxane
Concen: 34.55 ng
RT: 2.38 min Scan# 83
Delta R.T. 0.05 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion: 88 Resp: 154598
Ion Ratio Lower Upper
88 100
58 73.6 61.4 92.0
43 29.1 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: 36.52 ng

RT: 2.85 min Scan# 164

Delta R.T. 0.04 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

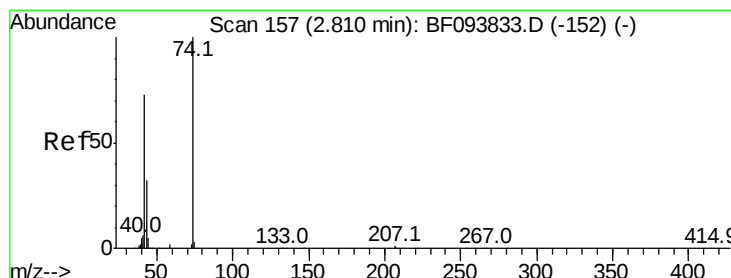
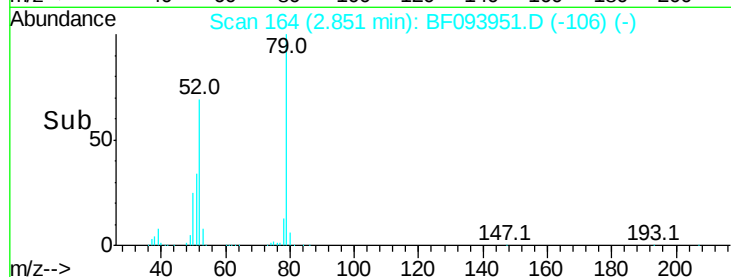
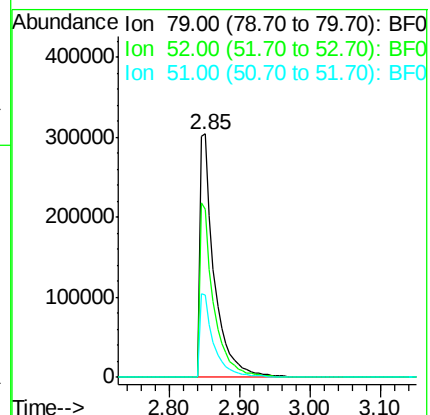
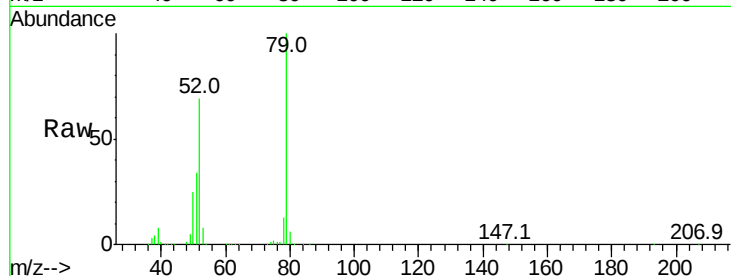
Tot Ion: 79 Resp: 445369

Ion Ratio Lower Upper

79 100

52 69.3 54.8 82.2

51 33.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 39.05 ng

RT: 2.80 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

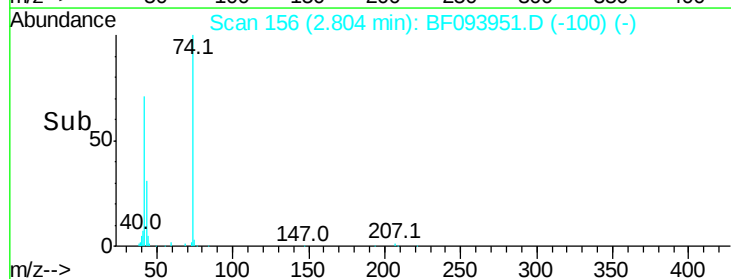
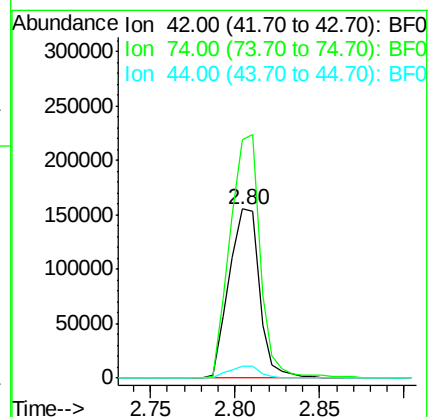
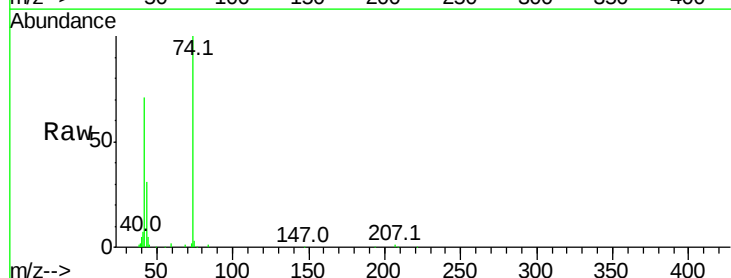
Tgt Ion: 42 Resp: 195970

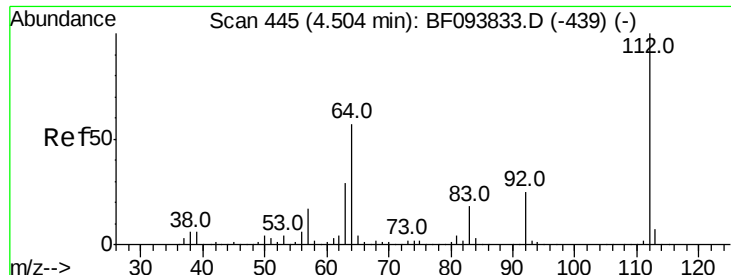
Ion Ratio Lower Upper

42 100

74 140.7 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 121.31 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampled :

PB97837BS

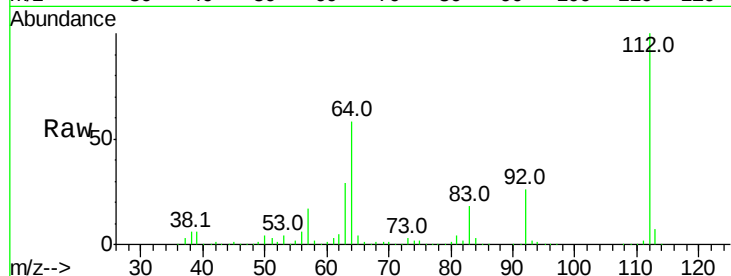
Tot Ion:112 Resp: 1129962

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

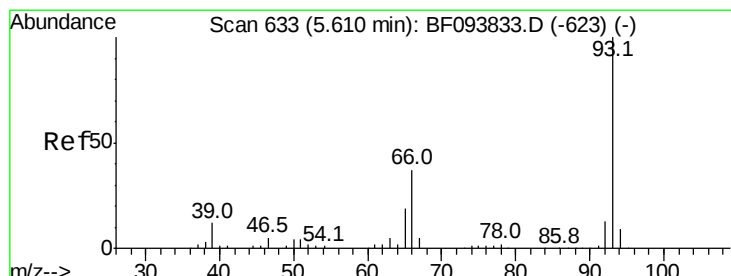
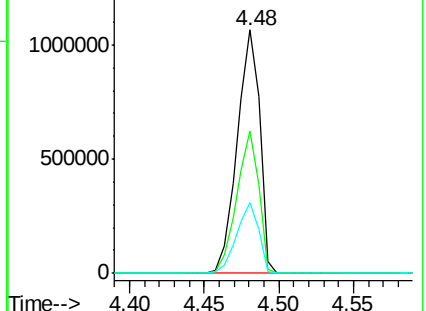
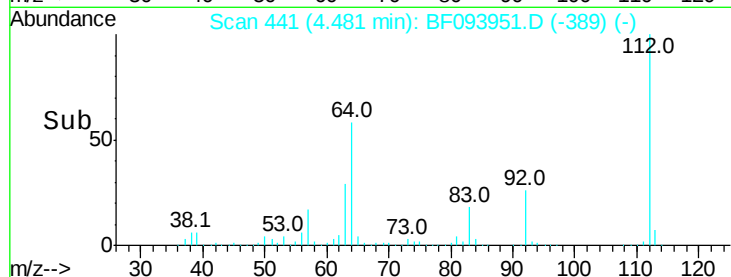
63 29.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.50 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

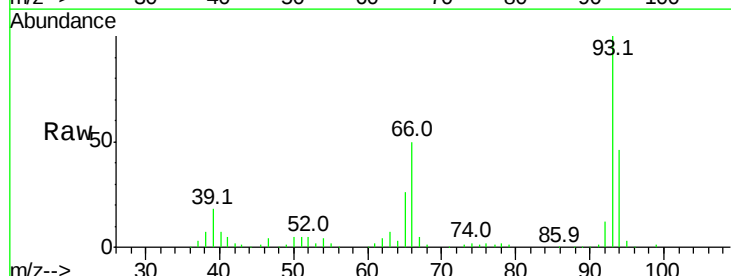
Tgt Ion: 93 Resp: 280579

Ion Ratio Lower Upper

93 100

66 49.6 32.9 49.3#

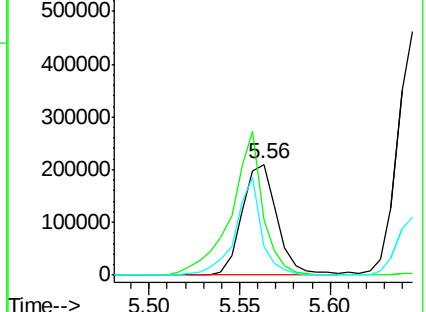
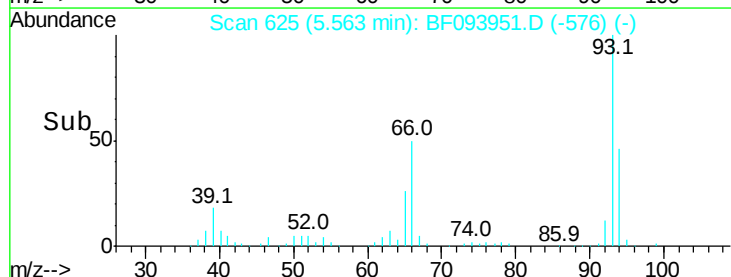
65 25.9 16.0 24.0#

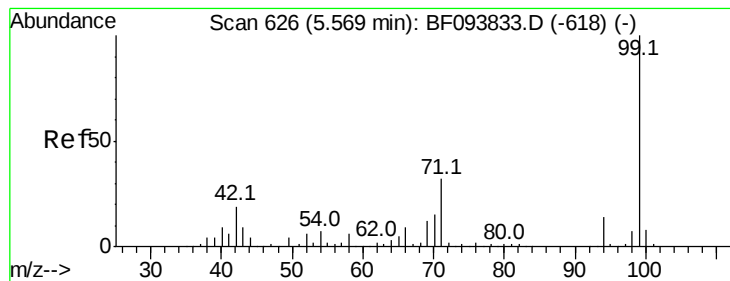


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.29 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

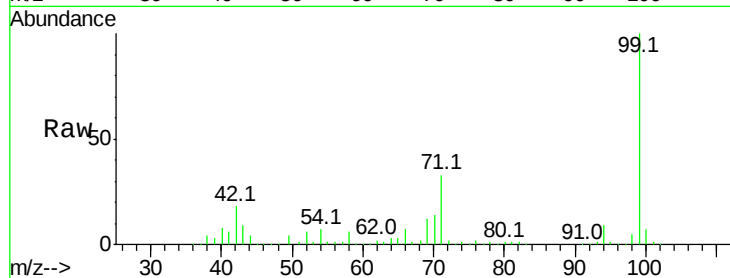
Tot Ion: 99 Resp: 1432185

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

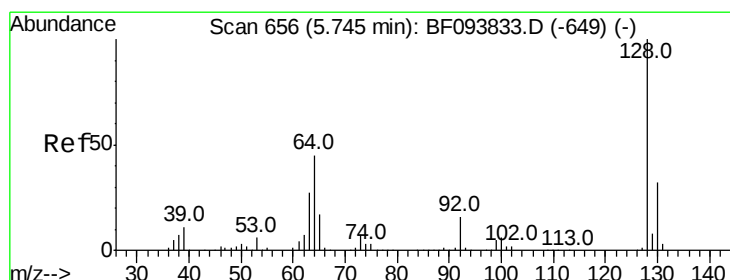
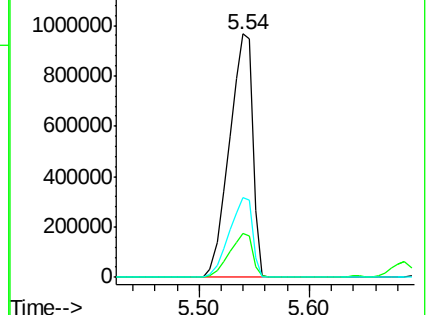
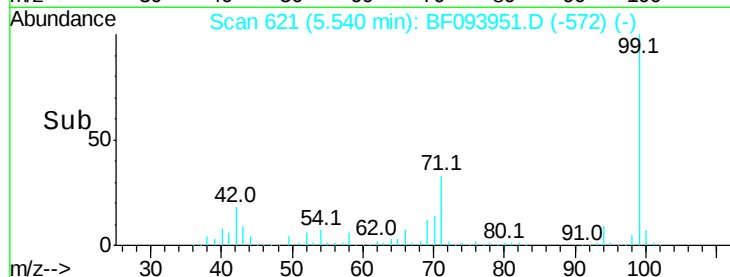
71 32.7 24.5 36.7



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: 42.26 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

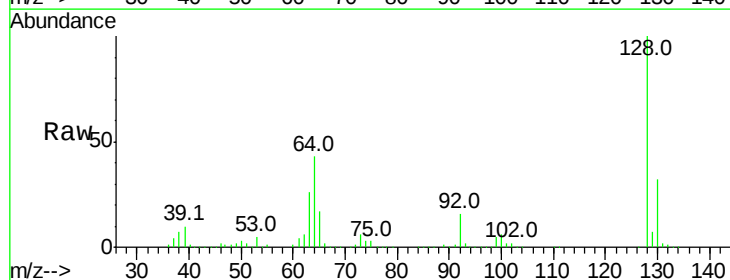
Tgt Ion:128 Resp: 432657

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

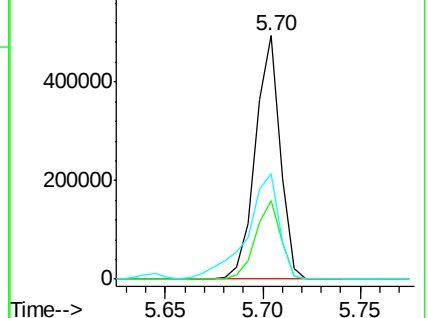
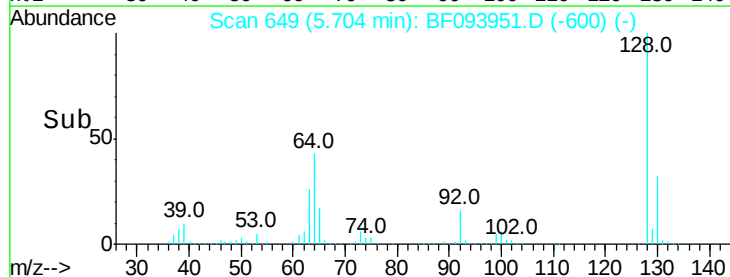
64 43.3 28.4 68.4

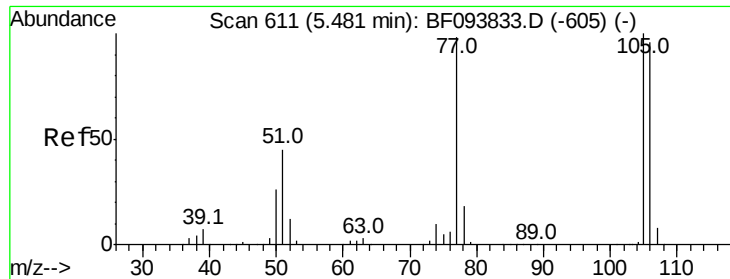


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.23 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampled :

PB97837BS

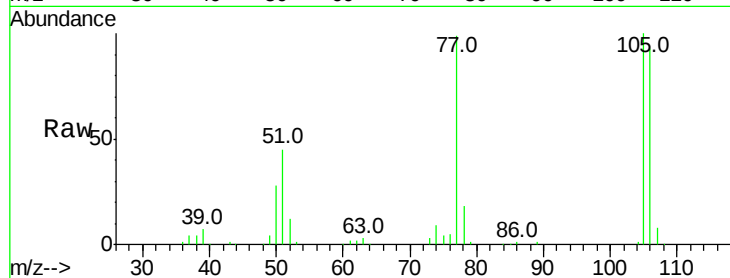
Tot Ion: 77 Resp: 95162

Ion Ratio Lower Upper

77 100

105 101.1 83.8 123.8

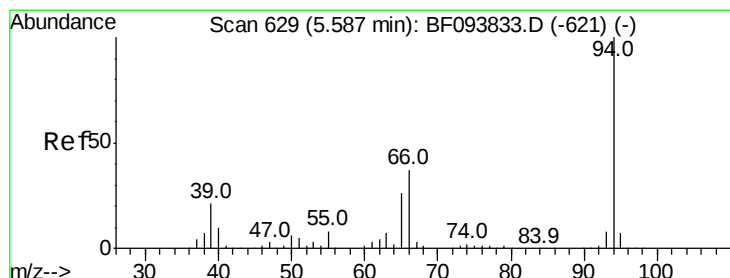
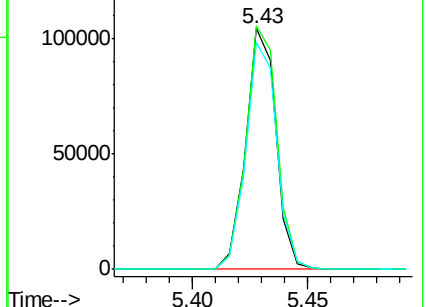
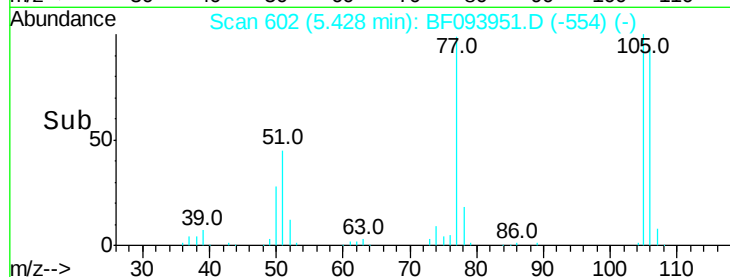
106 94.5 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.35 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

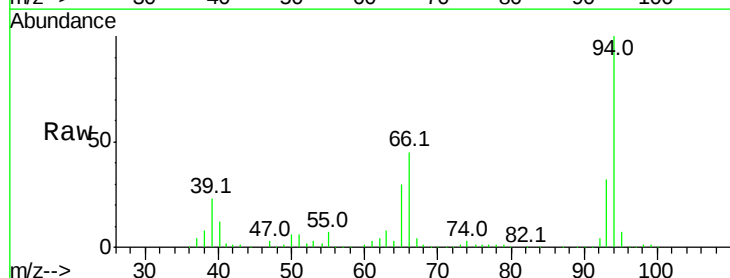
Tgt Ion: 94 Resp: 515929

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

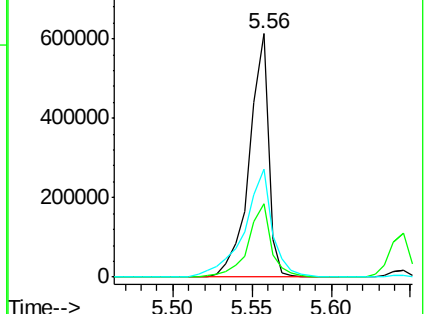
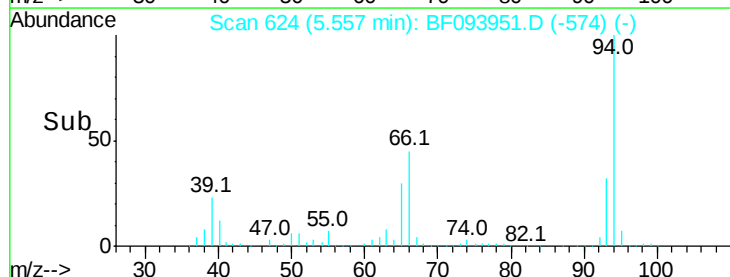
66 44.6 23.1 63.1

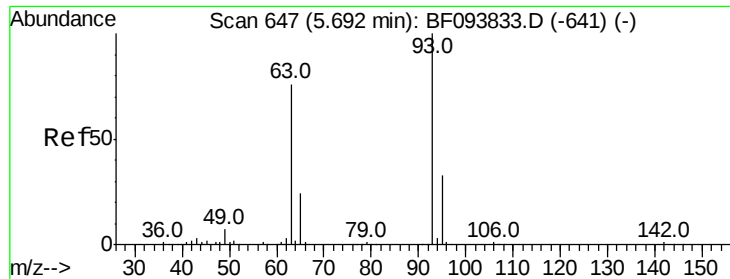


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

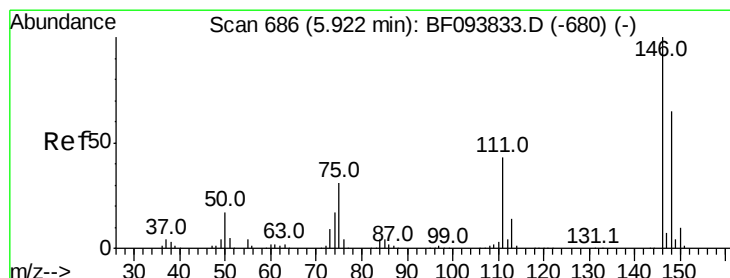
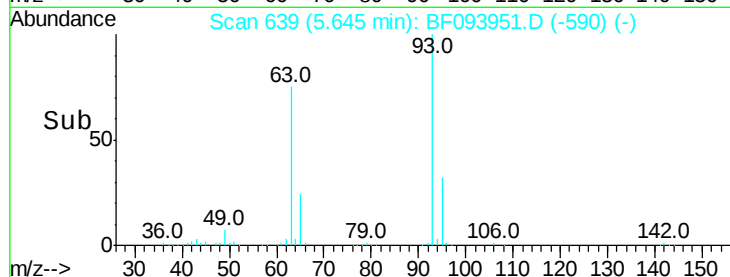
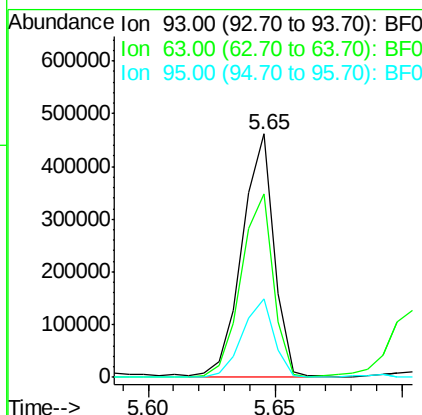
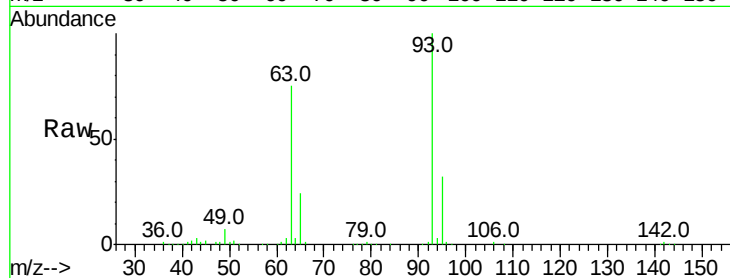




#11
bis(2-Chloroethyl)ether
Concen: 39.15 ng
RT: 5.65 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

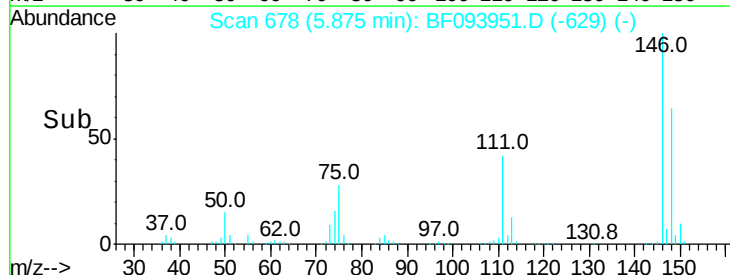
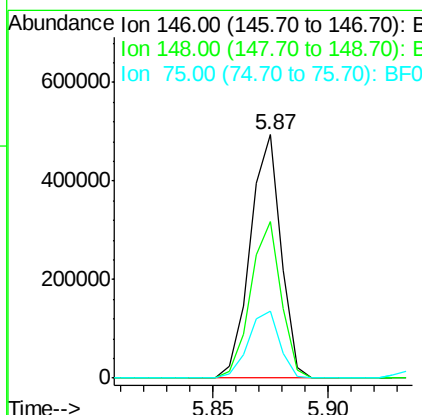
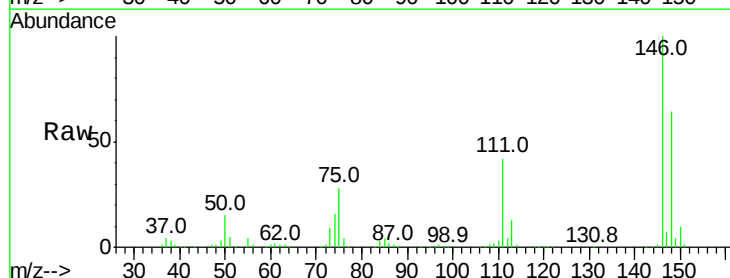
Instrument :
BNA_F
ClientSampleId :
PB97837BS

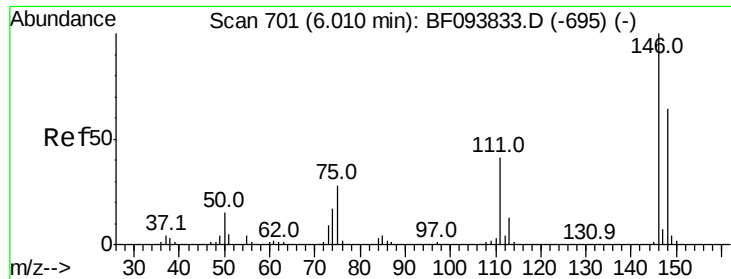
Tot Ion: 93 Resp: 401143
Ion Ratio Lower Upper
93 100
63 75.4 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.00 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion: 146 Resp: 459336
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 27.6 23.1 34.7

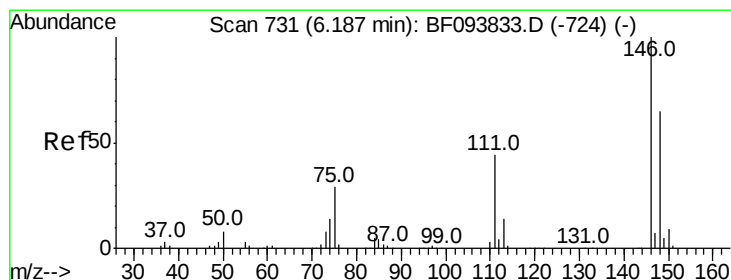
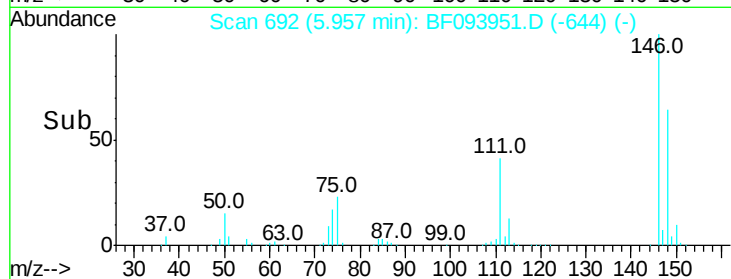
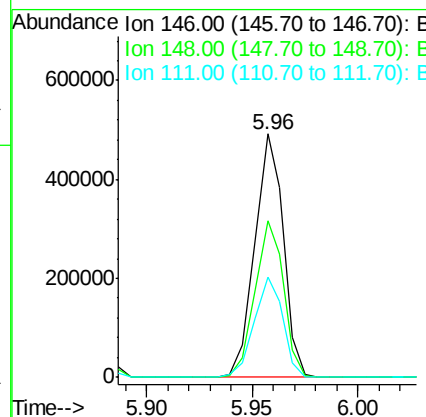
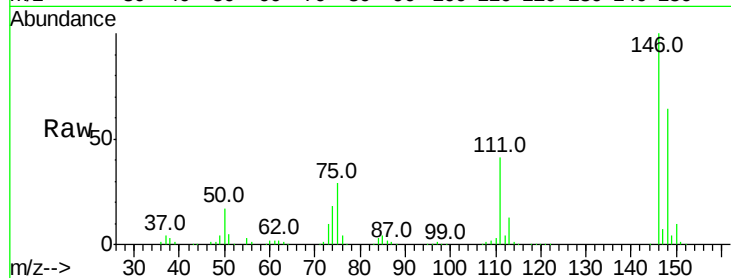




#13
 1,4-Dichlorobenzene
 Concen: 39.85 ng
 RT: 5.96 min Scan# 692
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

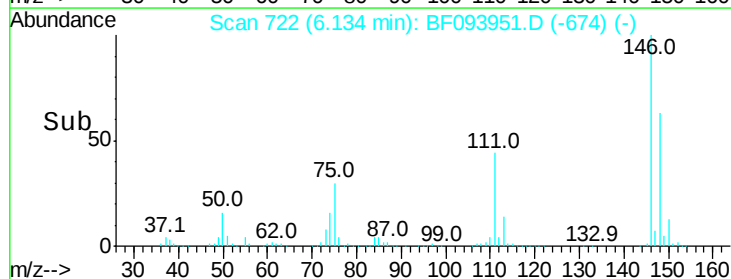
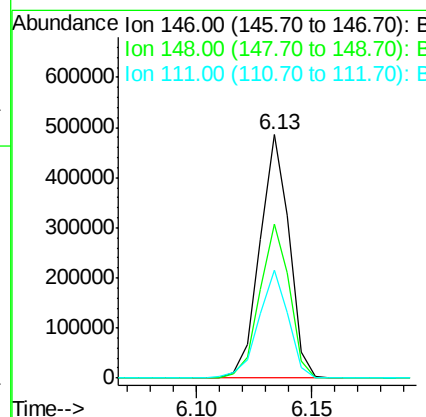
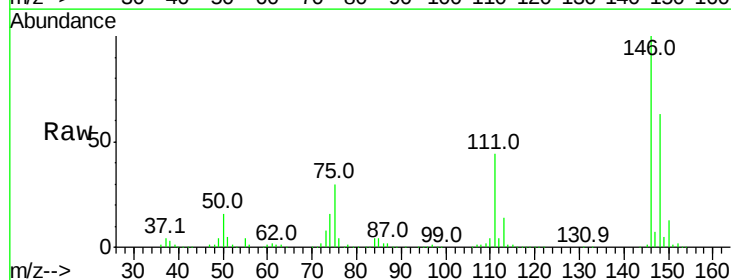
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

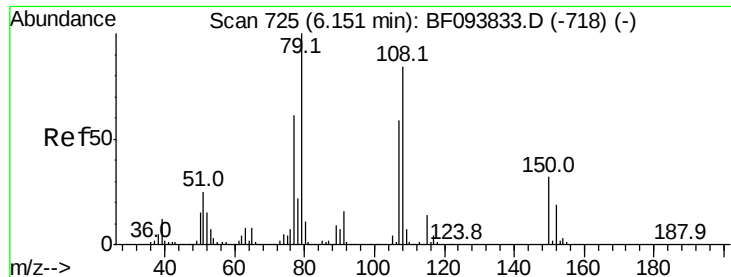
Tot Ion:146 Resp: 463558
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.20 ng
 RT: 6.13 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:146 Resp: 430620
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 44.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 43.22 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

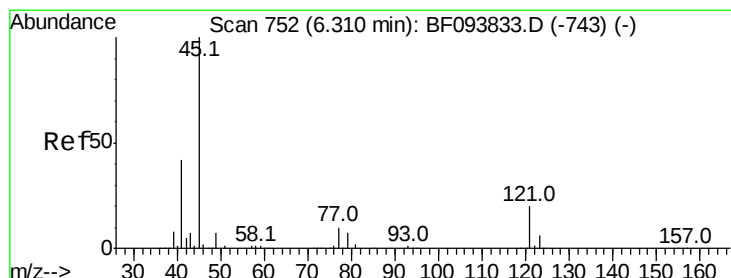
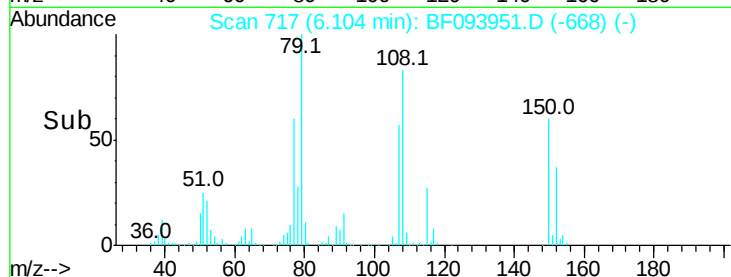
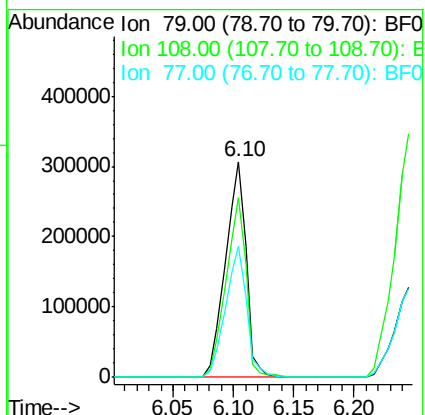
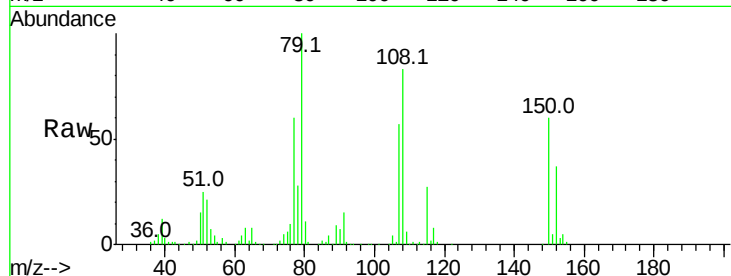
Tot Ion: 79 Resp: 364507

Ion Ratio Lower Upper

79 100

108 83.1 63.4 95.0

77 60.4 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.90 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

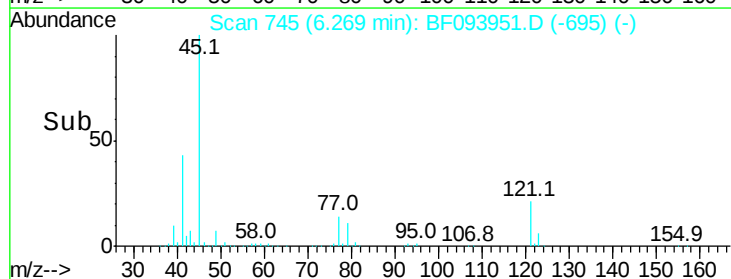
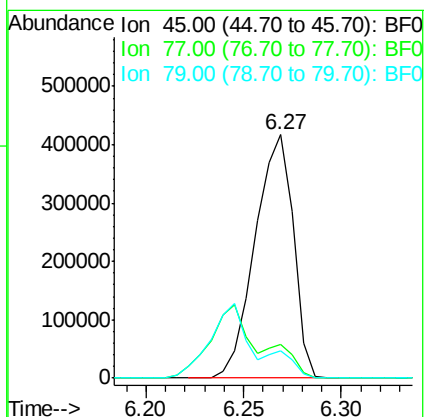
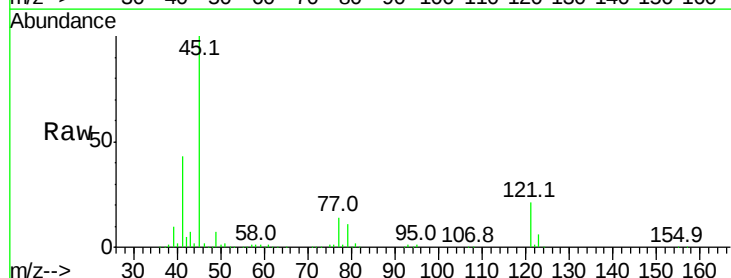
Tgt Ion: 45 Resp: 566910

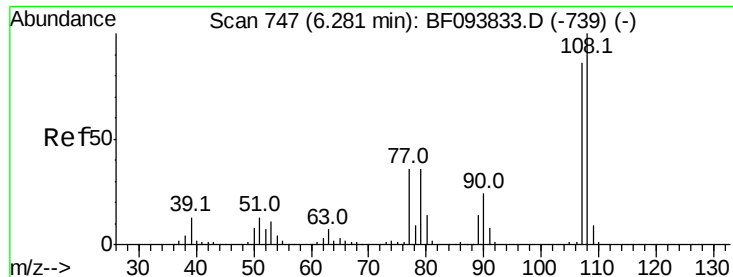
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

79 11.2 0.0 30.0

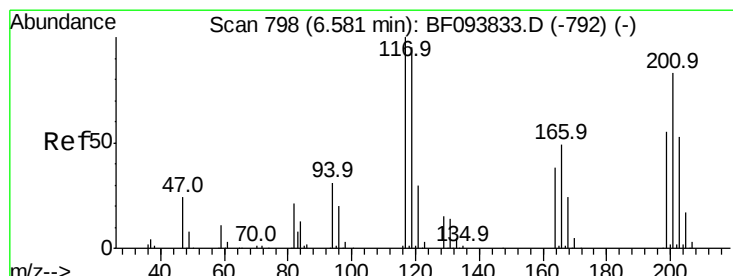
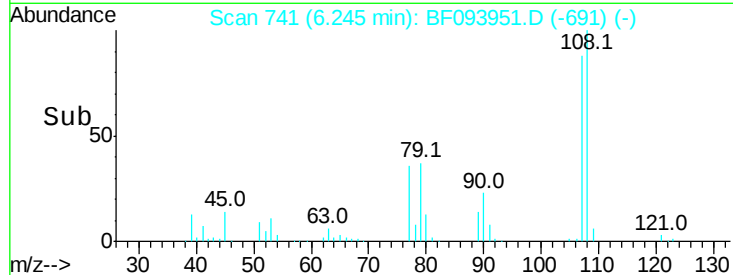
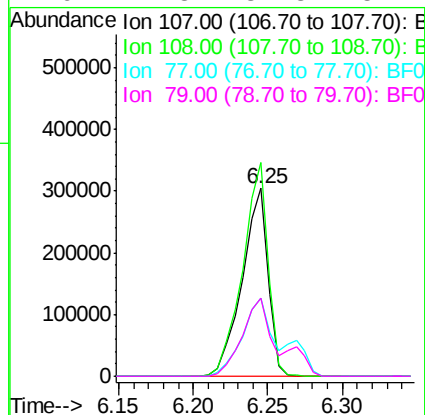
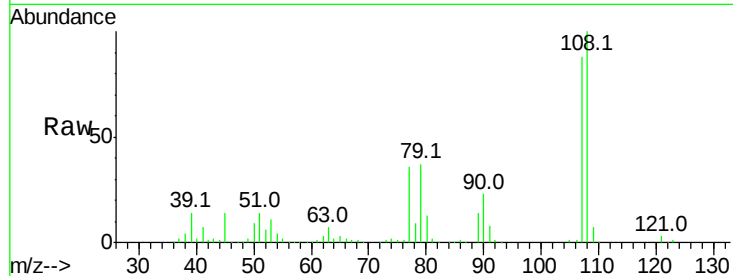




#17
 2-Methylphenol
 Concen: 41.62 ng
 RT: 6.25 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

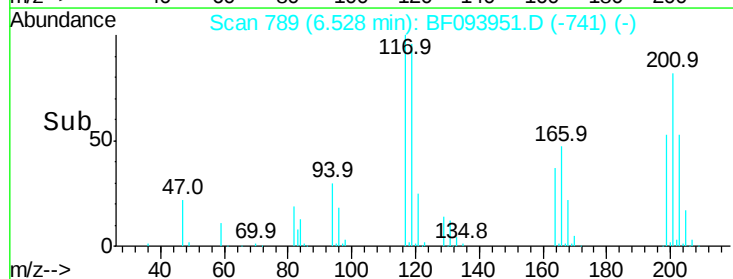
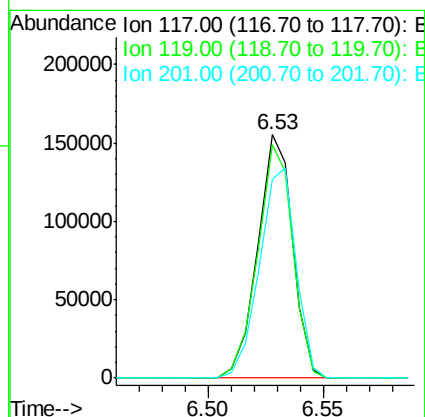
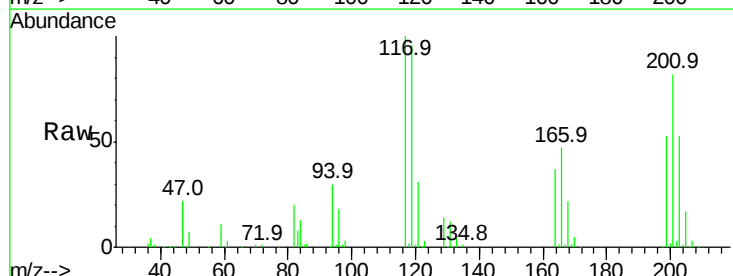
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

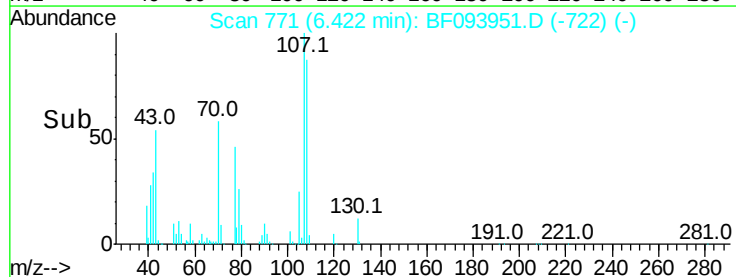
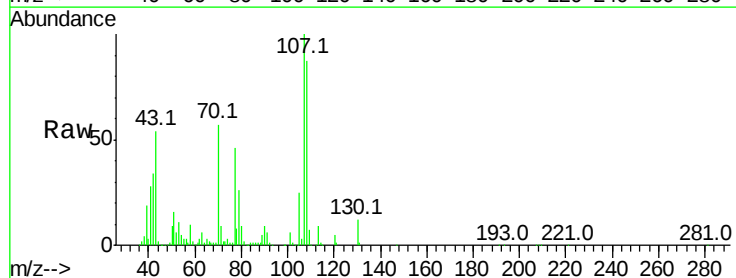
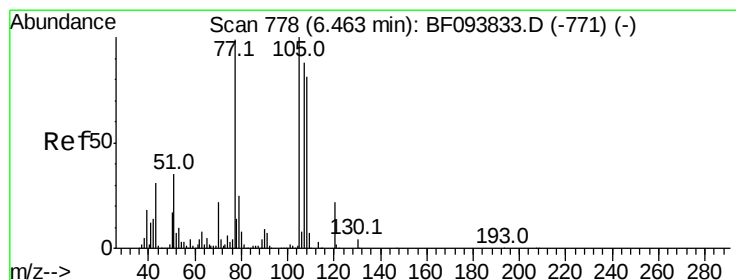
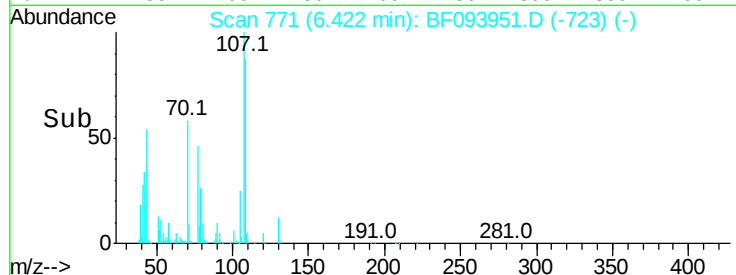
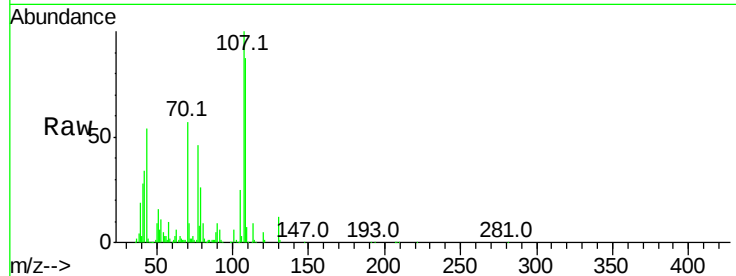
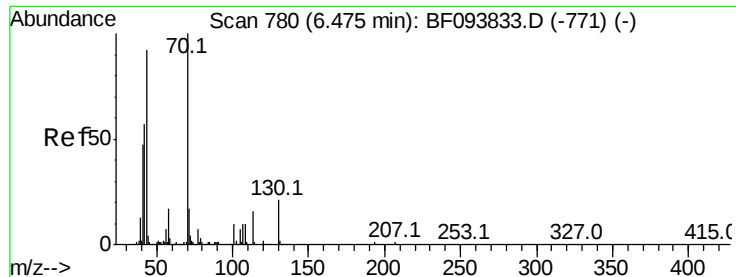
Tot Ion:	107	Resp:	364961
Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.4	140.0
77	41.4	35.8	53.6
79	41.8	34.8	52.2



#18
 Hexachloroethane
 Concen: 40.07 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:	117	Resp:	163815
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
201	81.5	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.16 ng

RT: 6.42 min Scan# 771

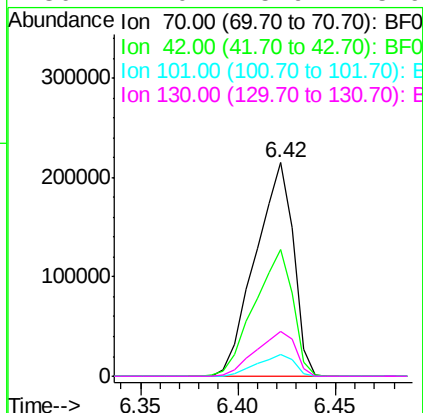
Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.2	70.8
101	10.4	7.2	10.8
130	21.0	15.9	23.9



#20

3+4-Methylphenols

Concen: 42.51 ng

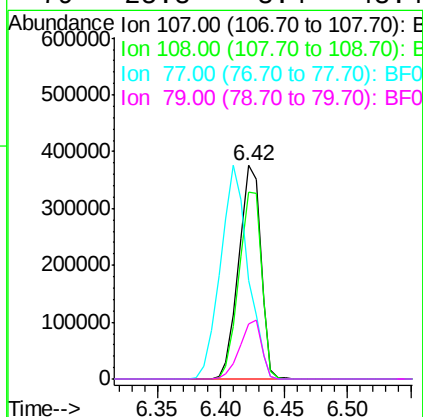
RT: 6.42 min Scan# 771

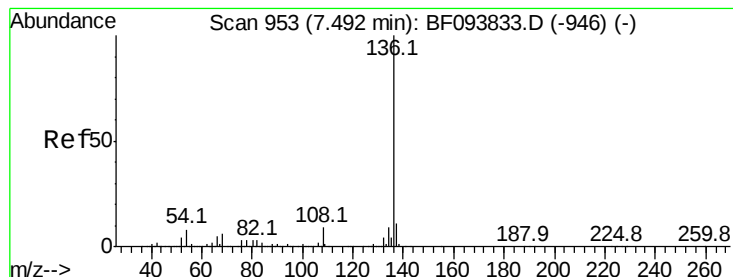
Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.0	111.0
77	46.1	90.5	130.5#
79	25.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion:136 Resp: 638002

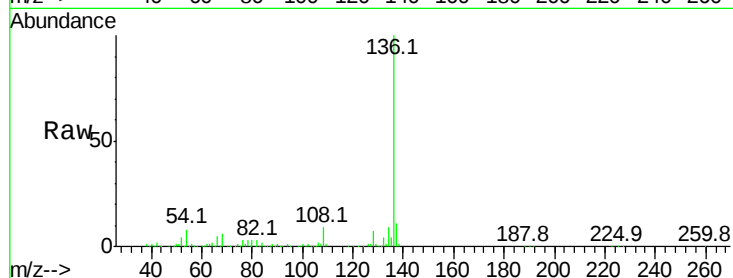
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 5.6 4.1 6.1

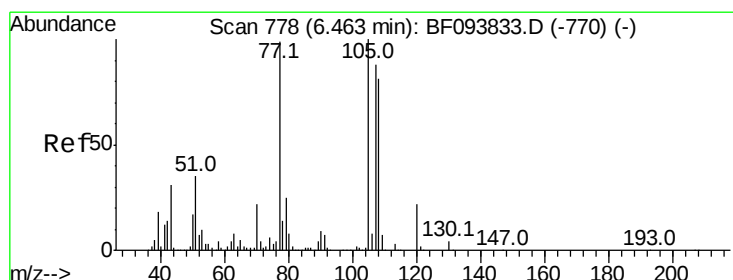
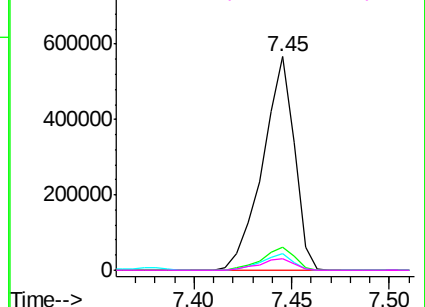
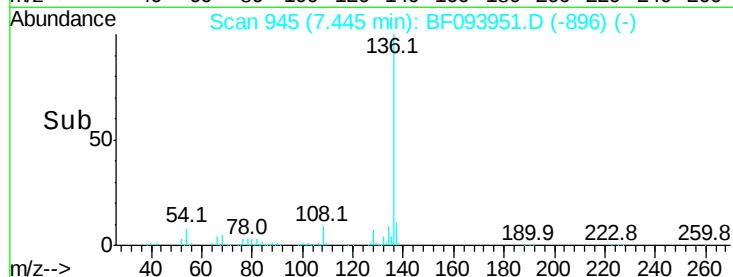


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.78 ng

RT: 6.41 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:105 Resp: 594144

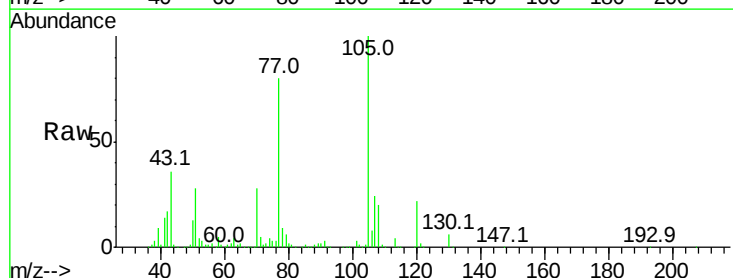
Ion Ratio Lower Upper

105 100

71 4.7 2.8 4.2#

51 27.6 30.7 46.1#

120 21.6 17.4 26.0

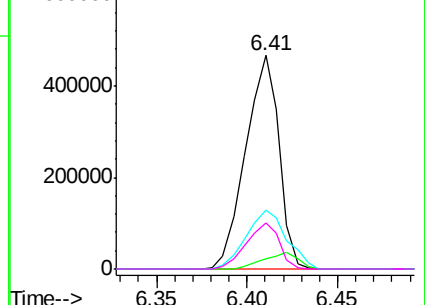
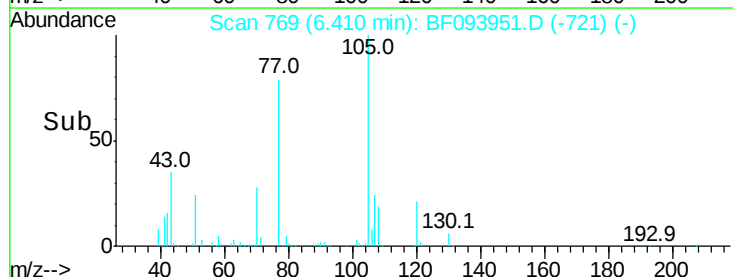


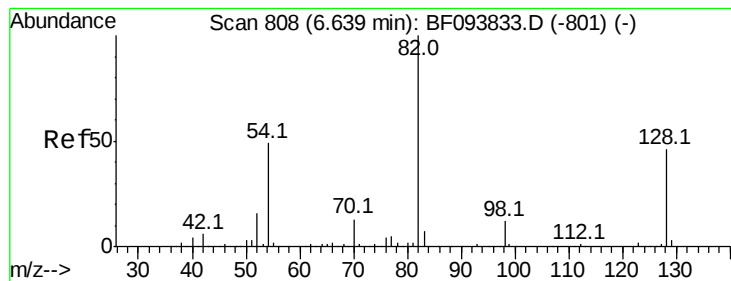
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.24 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleID :

PB97837BS

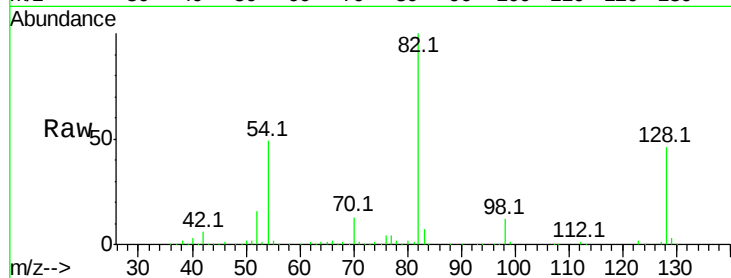
Tot Ion: 82 Resp: 874731

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

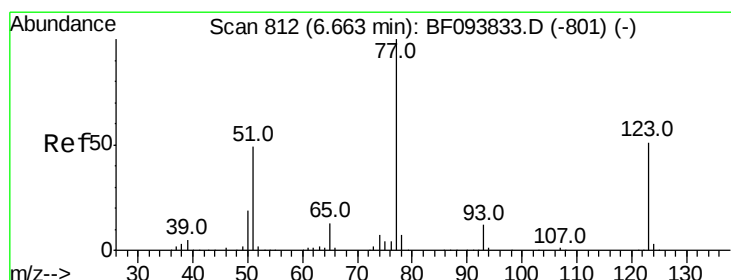
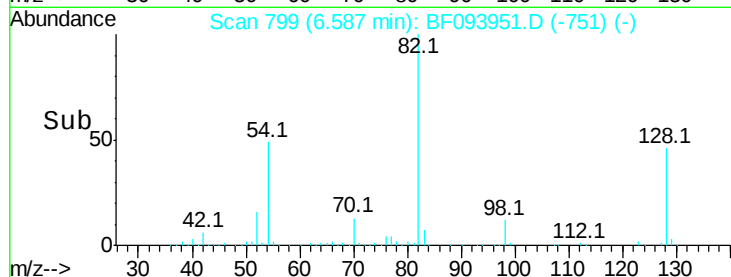
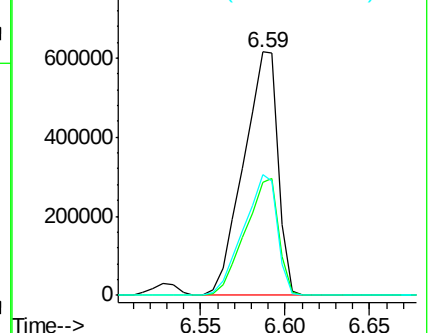
54 49.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.61 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

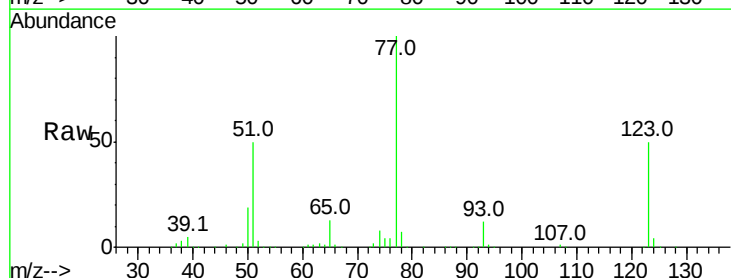
Tgt Ion: 77 Resp: 436773

Ion Ratio Lower Upper

77 100

123 50.3 35.8 53.8

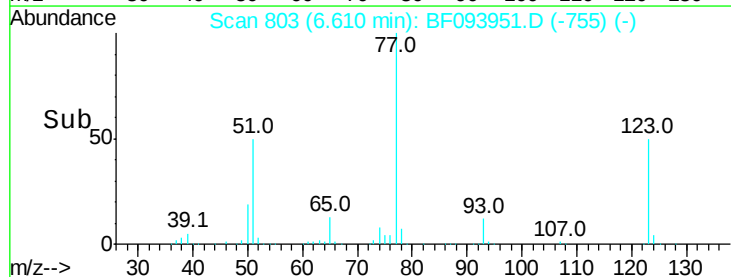
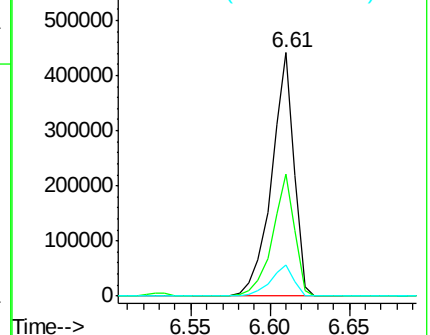
65 12.8 10.6 15.8

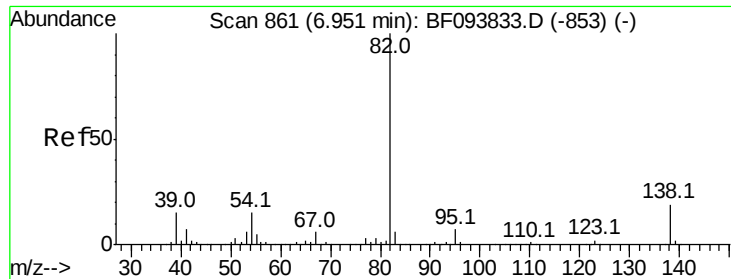


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.26 ng

RT: 6.90 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

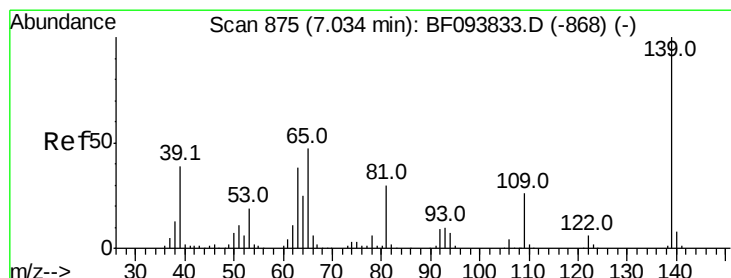
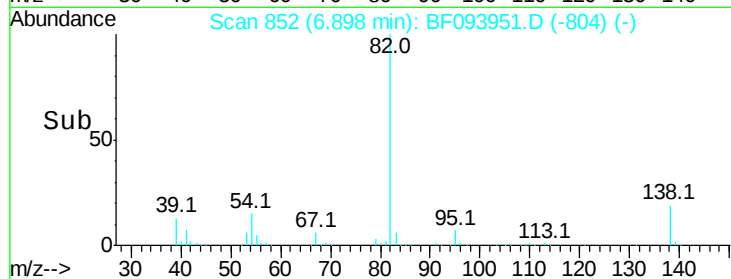
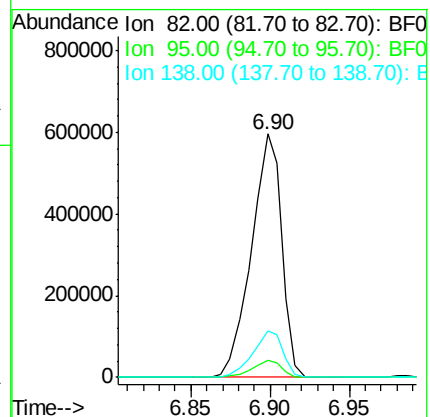
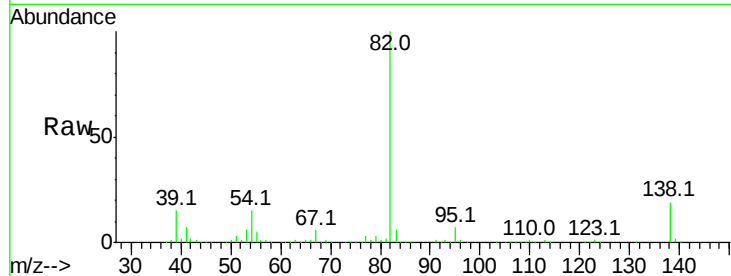
Tot Ion: 82 Resp: 790953

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 46.06 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

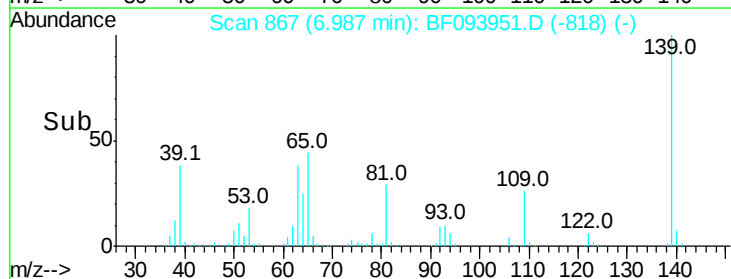
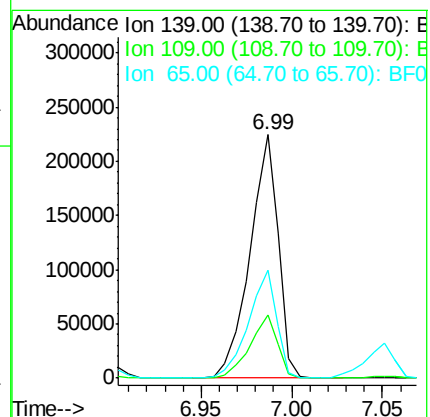
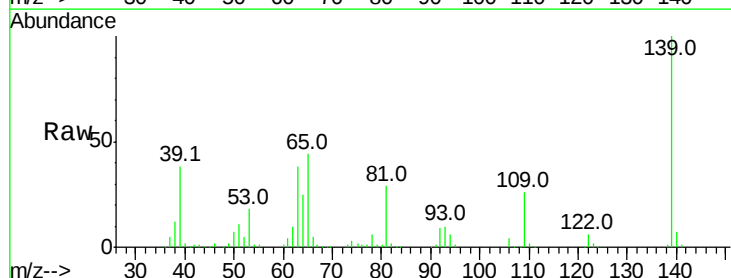
Tgt Ion: 139 Resp: 242212

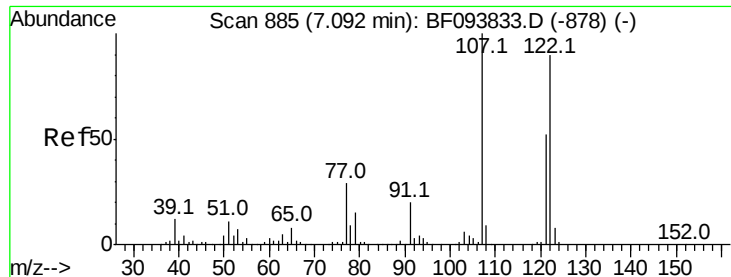
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 44.2 33.0 49.6

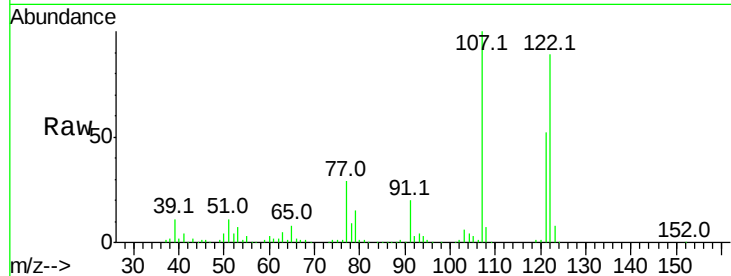




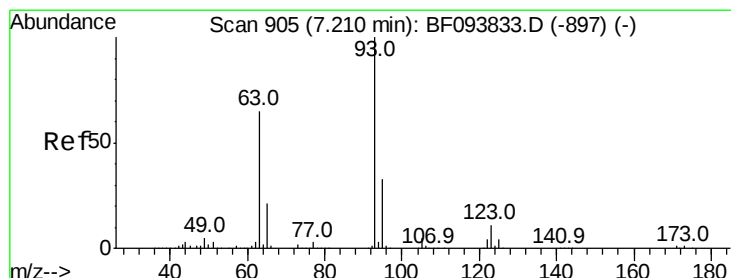
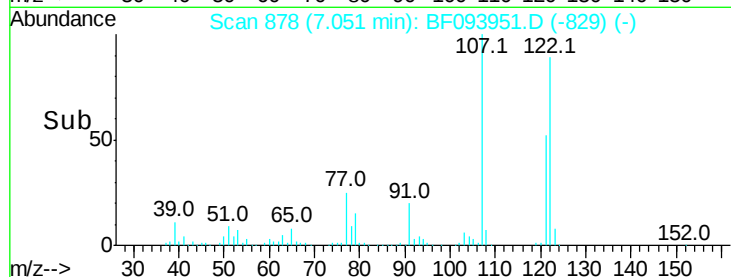
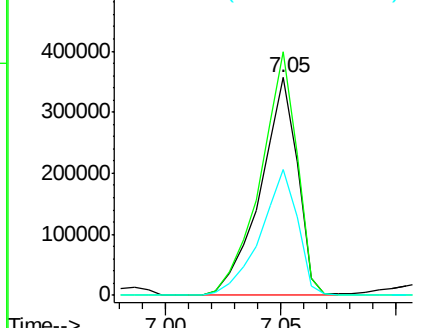
#27
 2,4-Dimethylphenol
 Concen: 43.91 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion:122 Resp: 397808
 Ion Ratio Lower Upper
 122 100
 107 111.9 89.2 133.8
 121 58.1 45.2 67.8

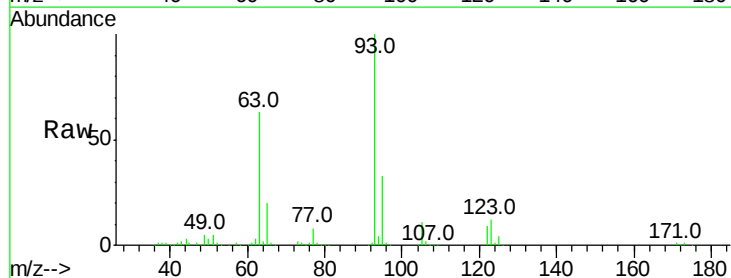


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

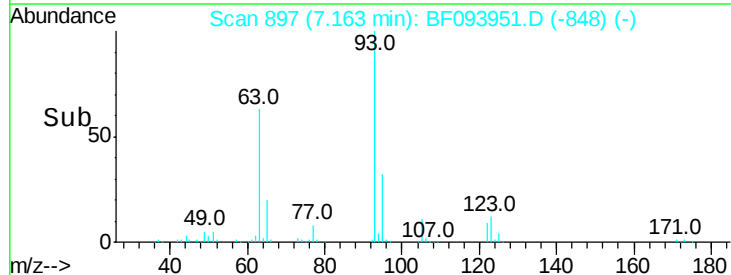
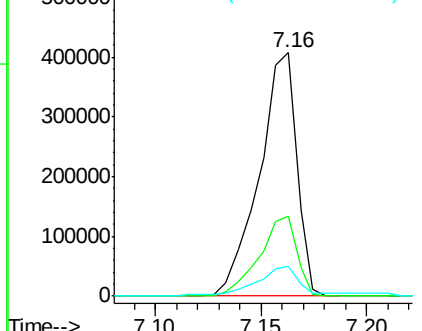


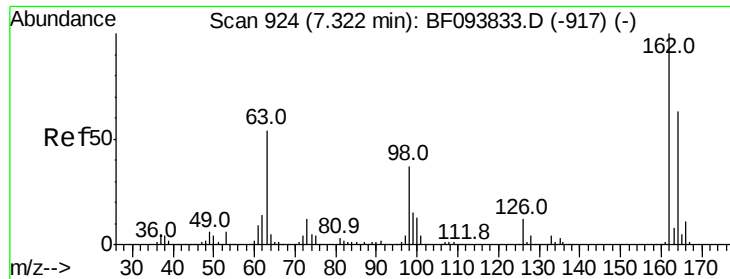
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.94 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion: 93 Resp: 504466
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 12.0 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

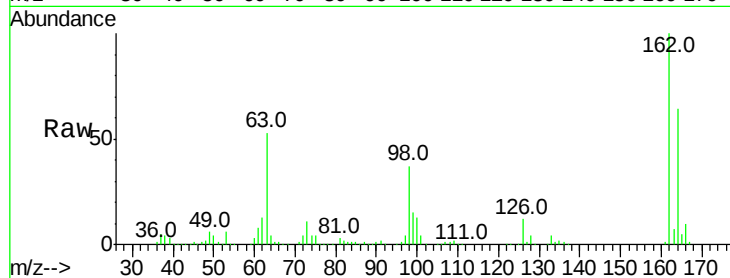




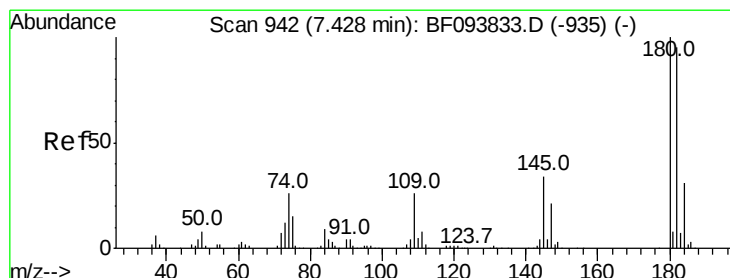
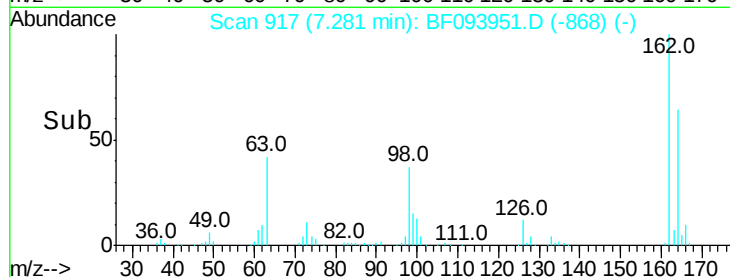
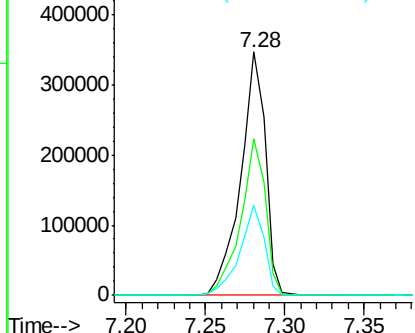
#29
 2,4-Dichlorophenol
 Concen: 44.28 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion:162 Resp: 375074
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.6 84.6
 98 36.7 14.8 54.8

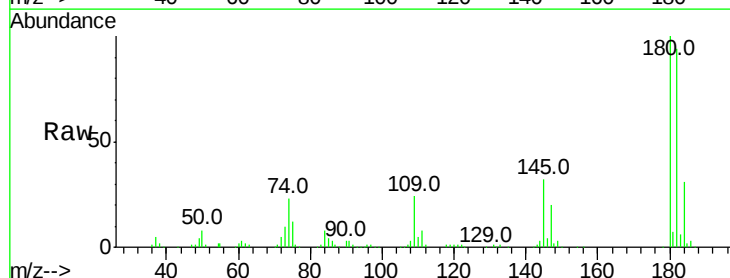


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

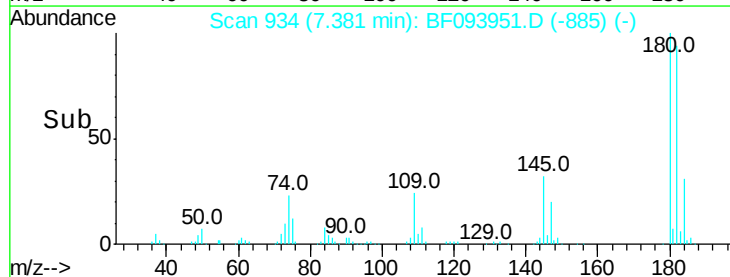
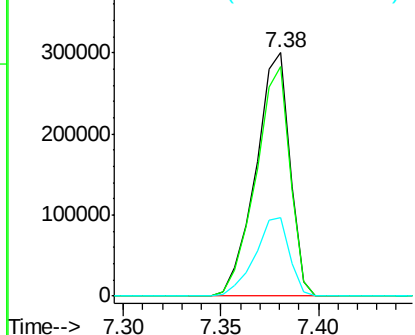


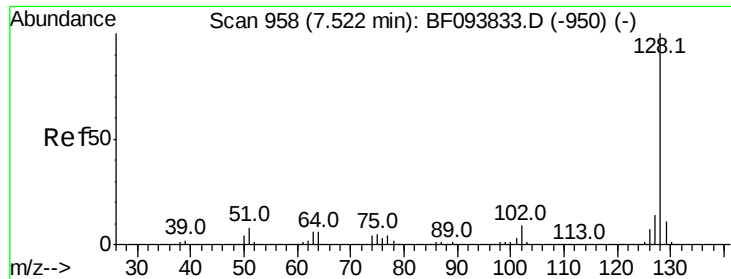
#30
 1,2,4-Trichlorobenzene
 Concen: 41.71 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:180 Resp: 363886
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.8 113.6
 145 32.2 25.3 37.9



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

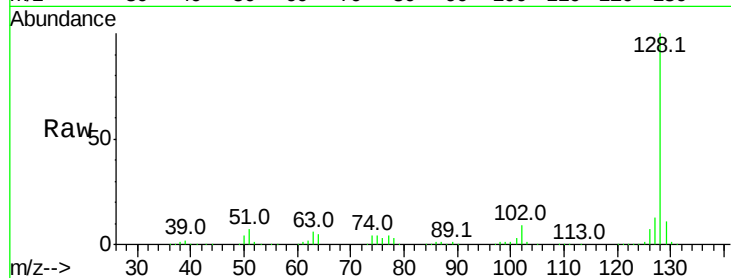




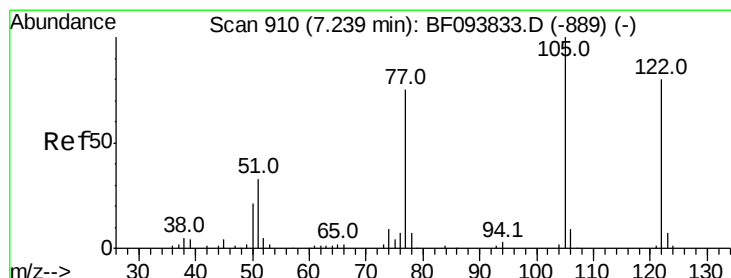
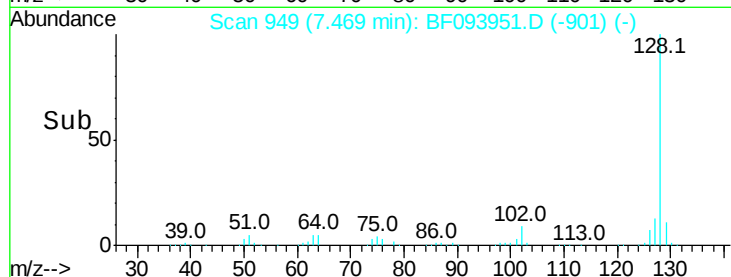
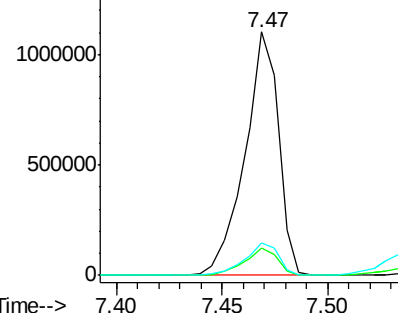
#31
Naphthalene
Concen: 39.77 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampled :
PB97837BS

Tot Ion:128 Resp: 1220163
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

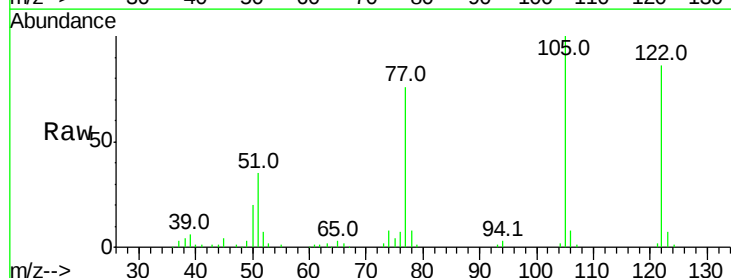


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

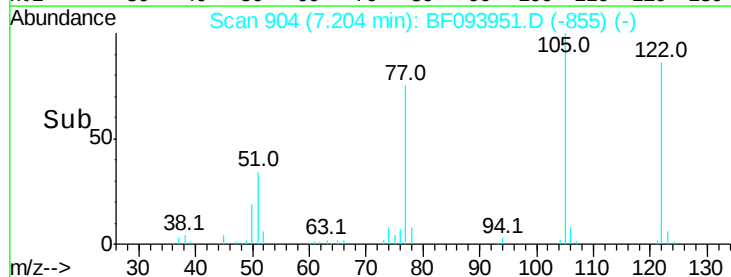
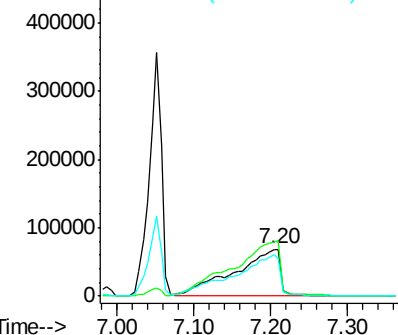


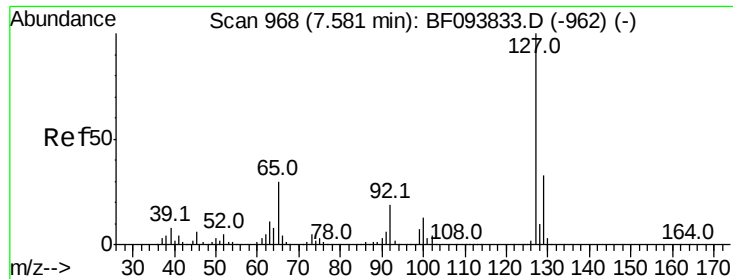
#32
Benzoic acid
Concen: 47.07 ng
RT: 7.20 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:122 Resp: 283916
Ion Ratio Lower Upper
122 100
105 115.9 103.3 143.3
77 88.1 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

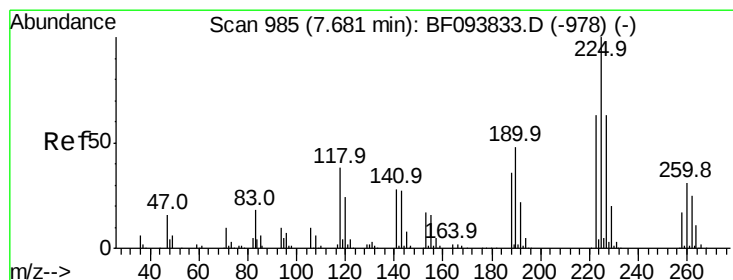
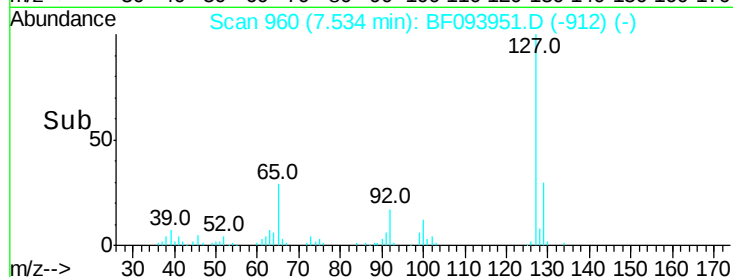
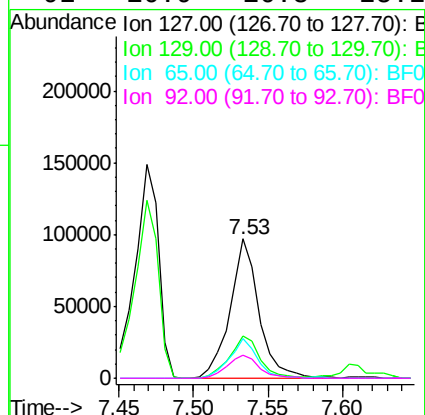
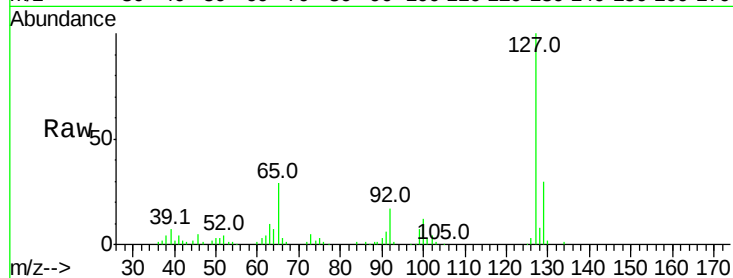




#33
4-Chloroaniline
Concen: 10.67 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

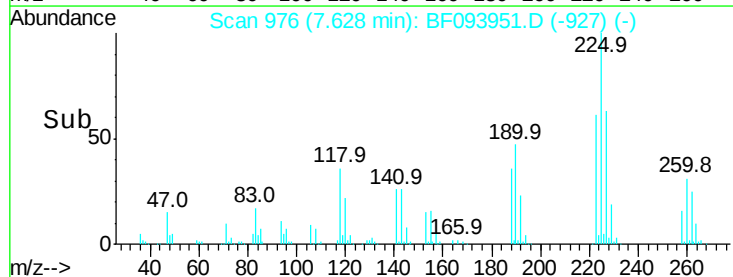
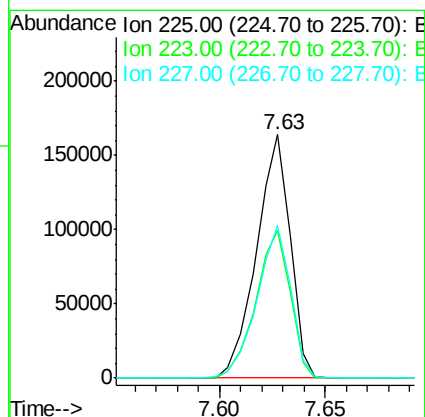
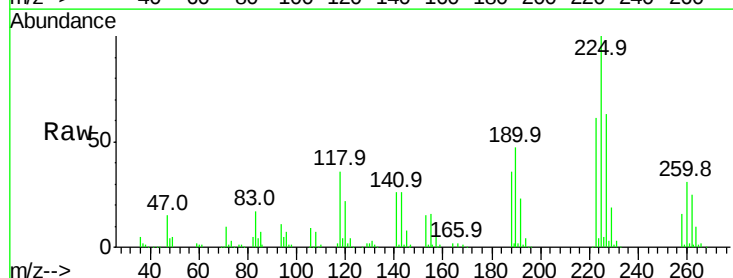
Instrument :
BNA_F
ClientSampleId :
PB97837BS

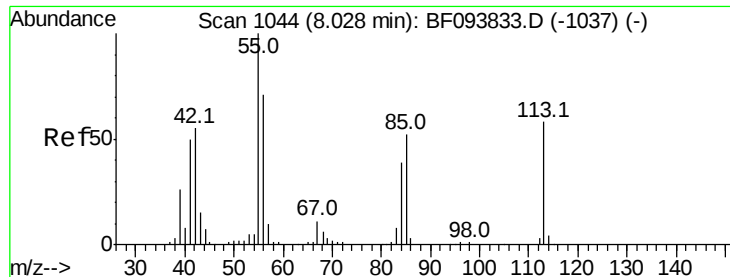
Tot Ion:	127	Resp:	132673
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	28.8	27.8	41.8
92	16.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.63 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:	225	Resp:	181786
Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.8	73.2
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 25.00 ng

RT: 7.97 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

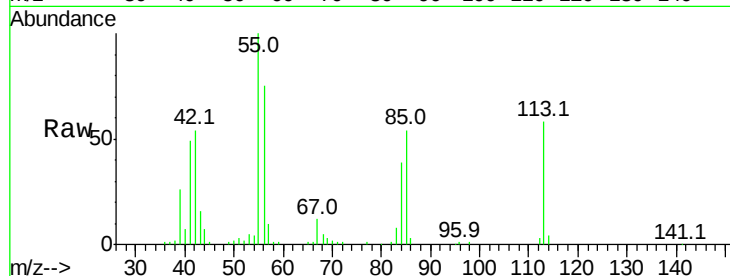
Tot Ion:113 Resp: 67541

Ion Ratio Lower Upper

113 100

55 171.2 150.2 190.2

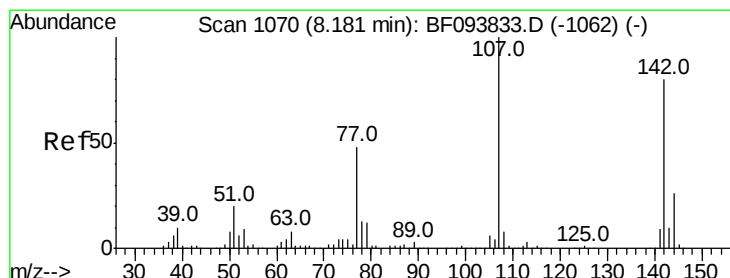
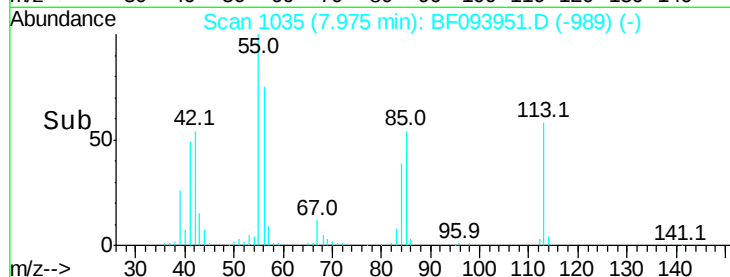
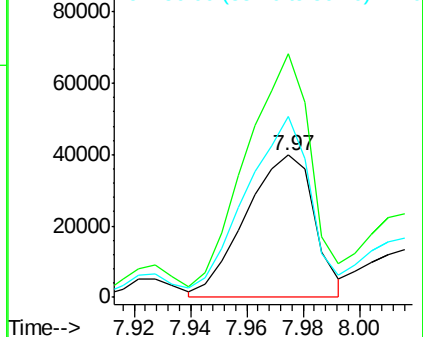
56 127.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.88 ng

RT: 8.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

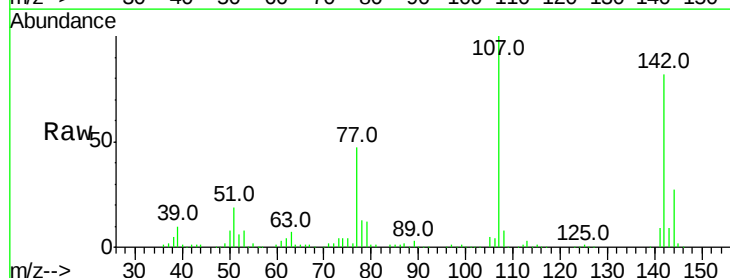
Tgt Ion:107 Resp: 397274

Ion Ratio Lower Upper

107 100

144 26.8 24.2 36.4

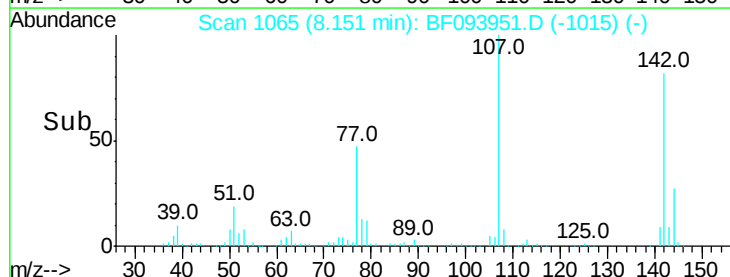
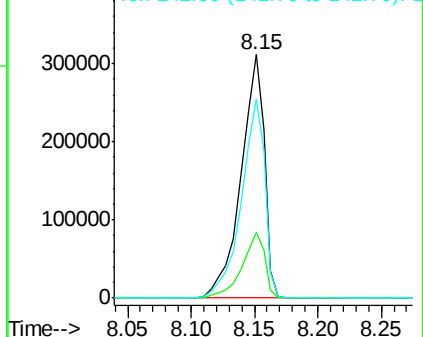
142 81.7 73.4 110.0

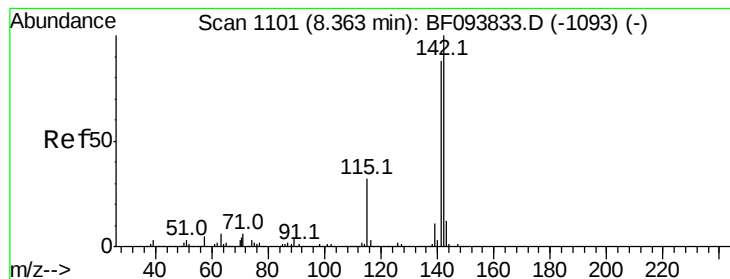


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.14 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

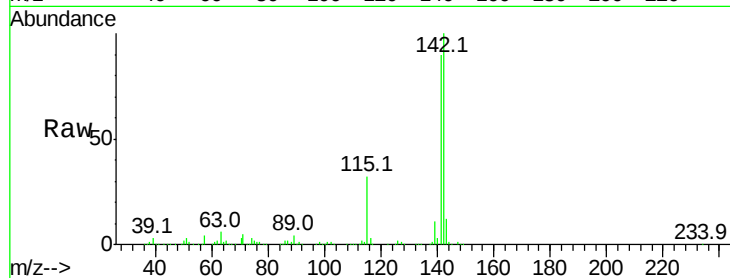
Tot Ion:142 Resp: 861743

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9

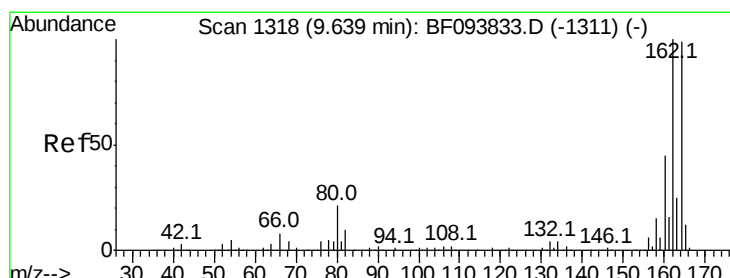
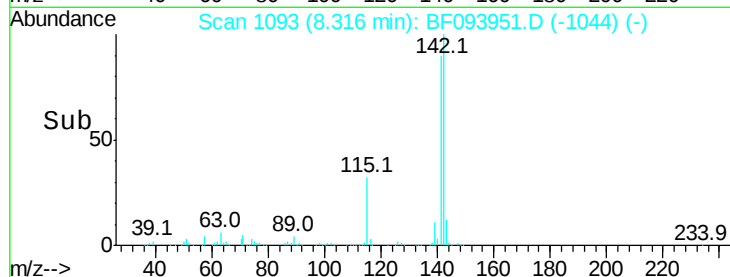
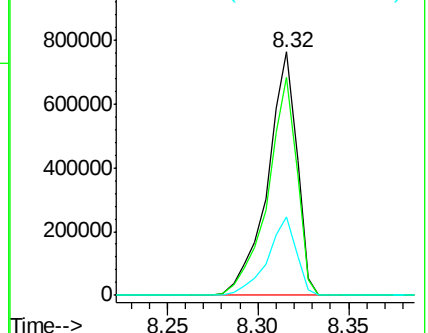
115 32.0 27.1 40.7



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: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

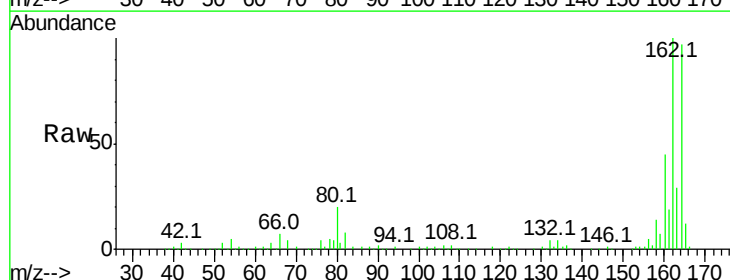
Tgt Ion:164 Resp: 296639

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

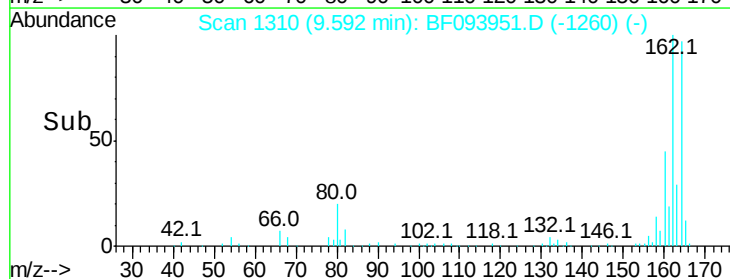
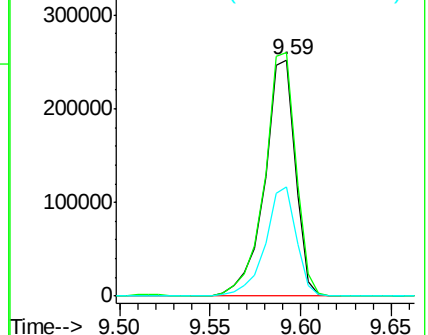
160 46.5 36.2 54.2

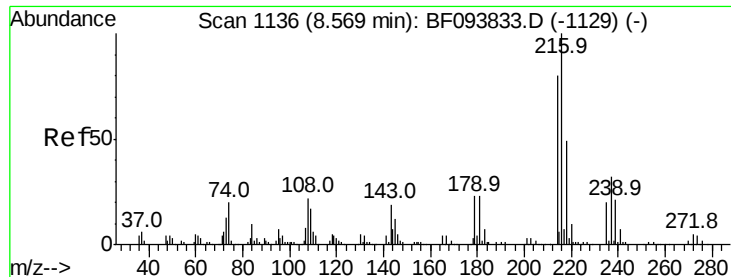


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

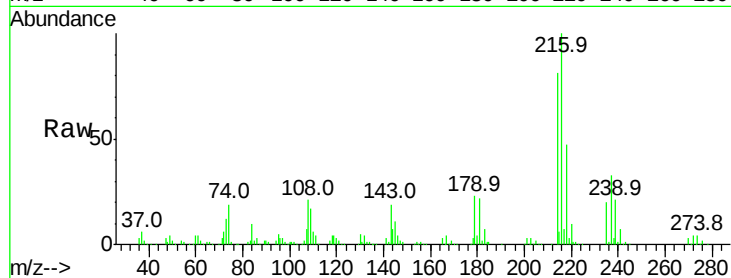




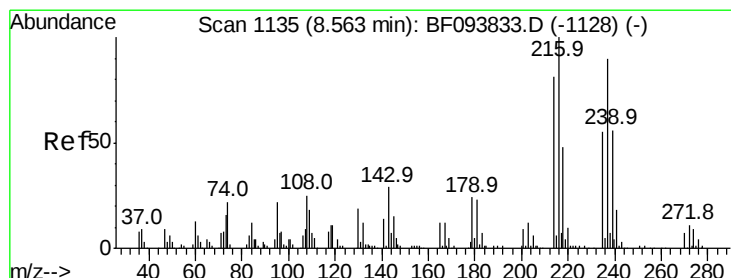
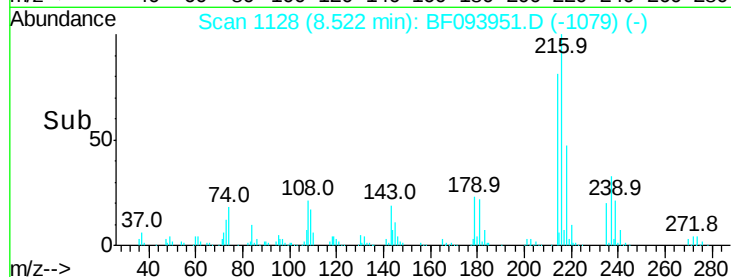
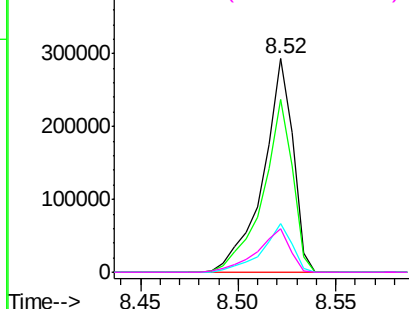
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.31 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion:	216	Resp:	310893
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	22.6	17.9	26.9
108	22.6	16.5	24.7

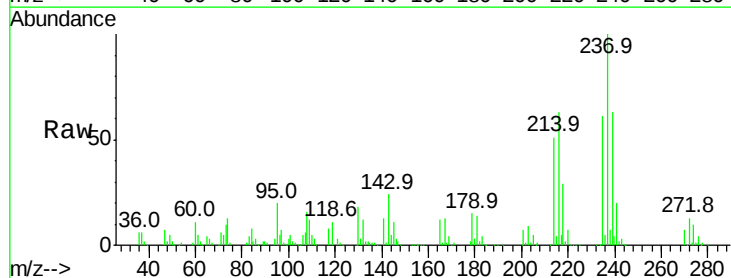


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

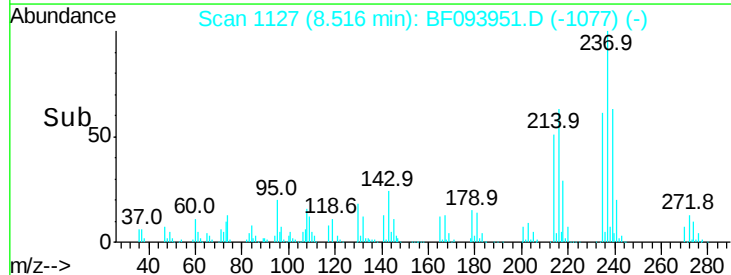
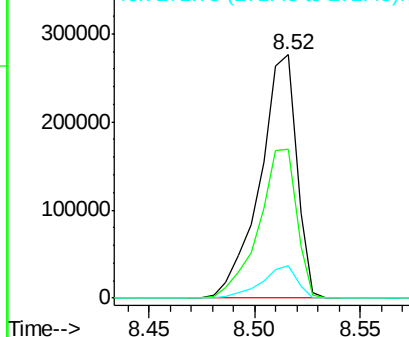


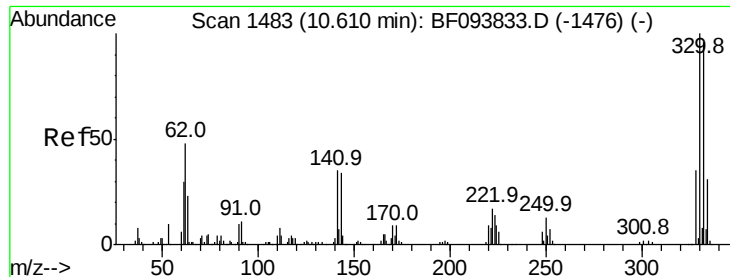
#40
 Hexachlorocyclopentadiene
 Concen: 88.44 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:	237	Resp:	335855
Ion	Ratio	Lower	Upper
237	100		
235	61.1	42.6	82.6
272	13.3	0.0	31.9



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

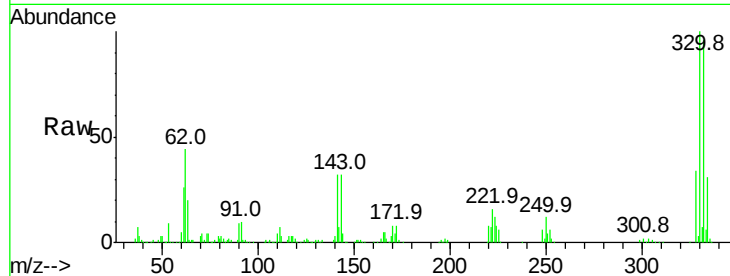




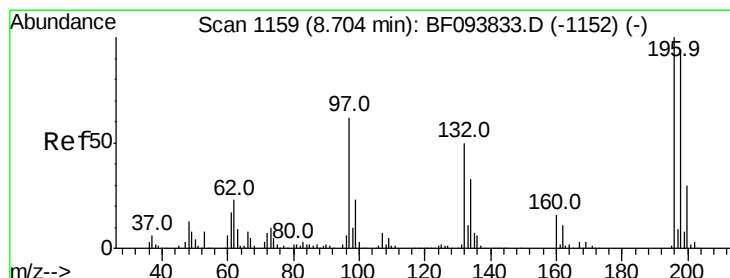
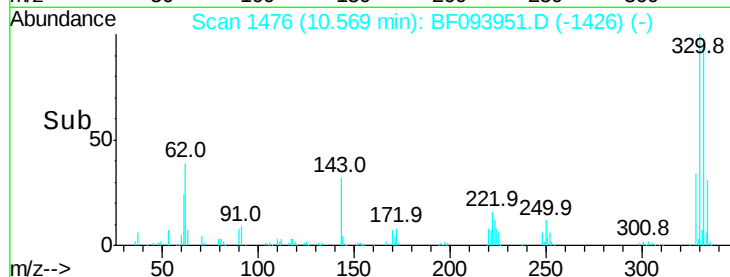
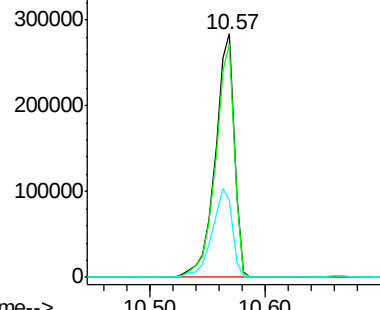
#41
 2,4,6-Tribromophenol
 Concen: 137.54 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.6	31.4	47.2

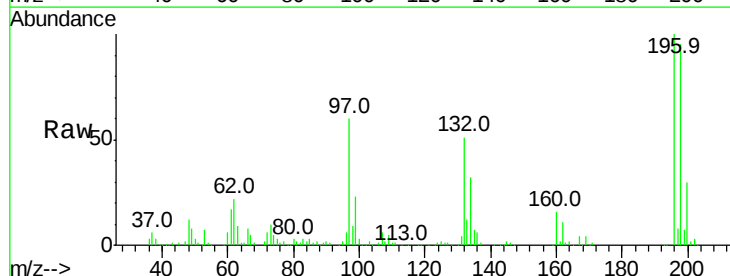


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

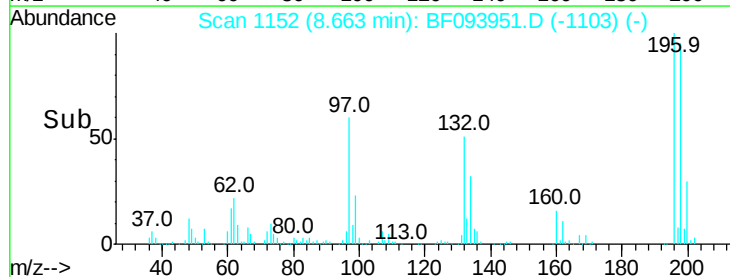
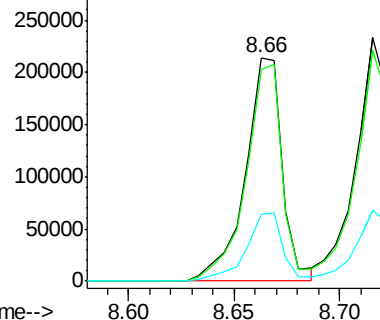


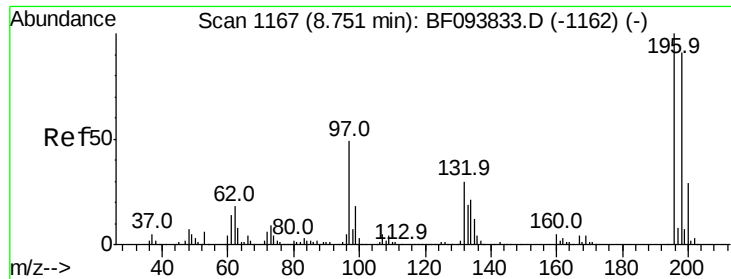
#42
 2,4,6-Trichlorophenol
 Concen: 45.33 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
200	30.0	24.0	36.0



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

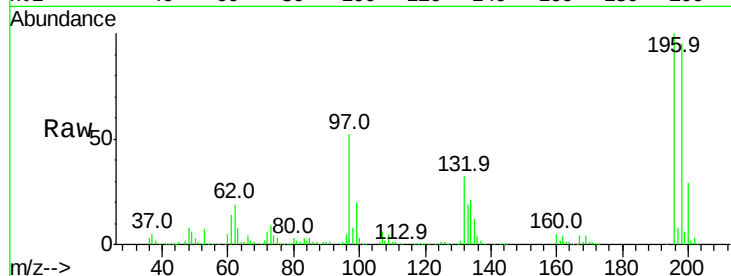




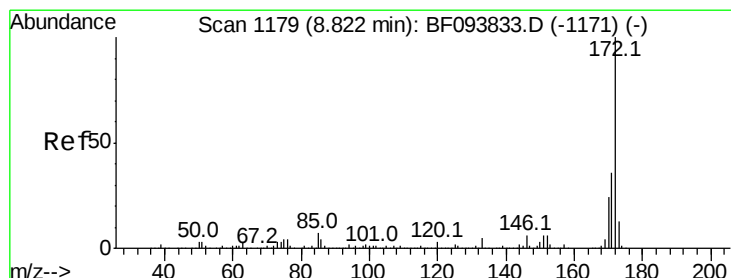
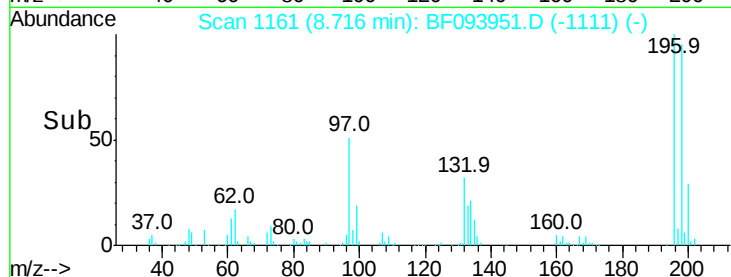
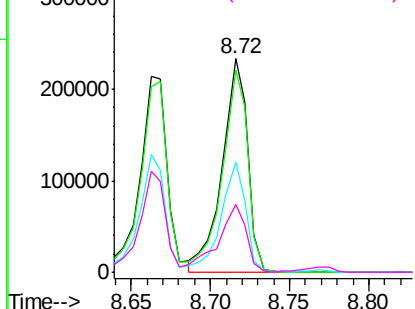
#43
 2,4,5-Trichlorophenol
 Concen: 41.77 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion:196 Resp: 259489
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 51.6 47.7 71.5
 132 31.8 28.0 42.0

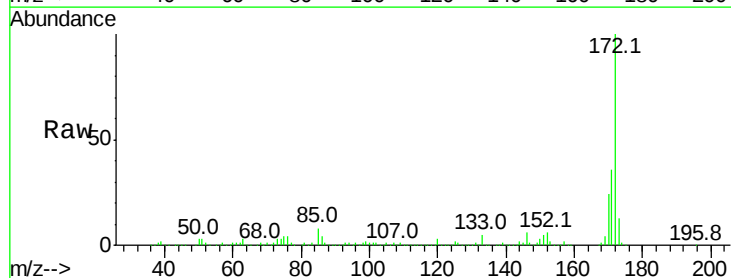


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

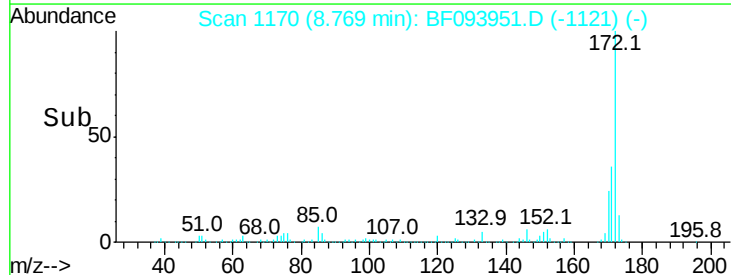
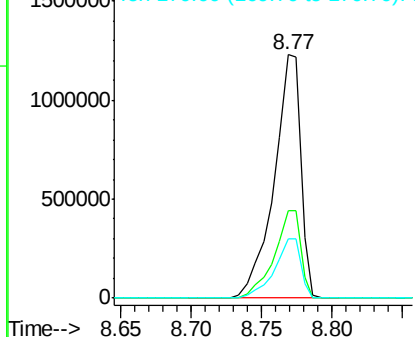


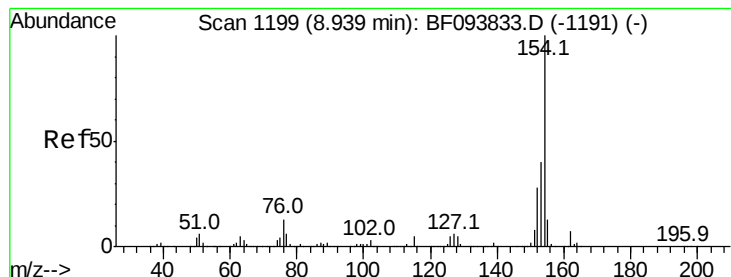
#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:172 Resp: 1629158
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.3 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 40.26 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampled :

PB97837BS

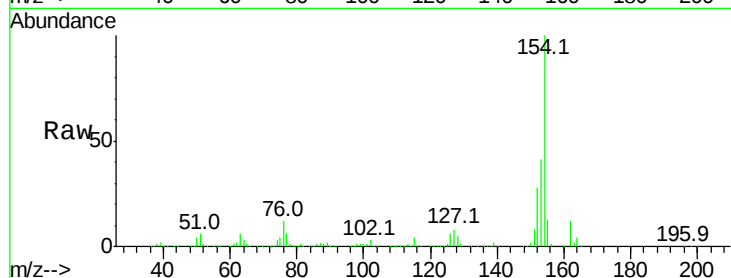
Tot Ion:154 Resp: 963181

Ion Ratio Lower Upper

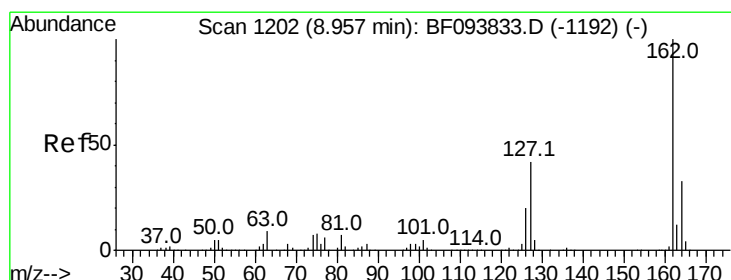
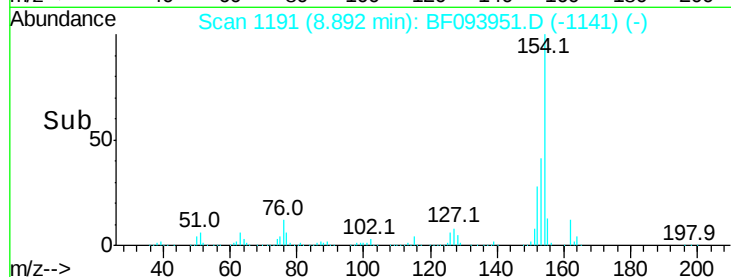
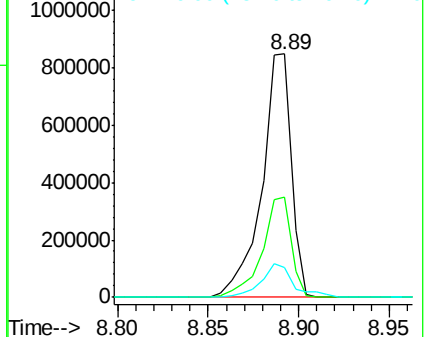
154 100

153 41.0 21.2 61.2

76 12.3 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 40.33 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

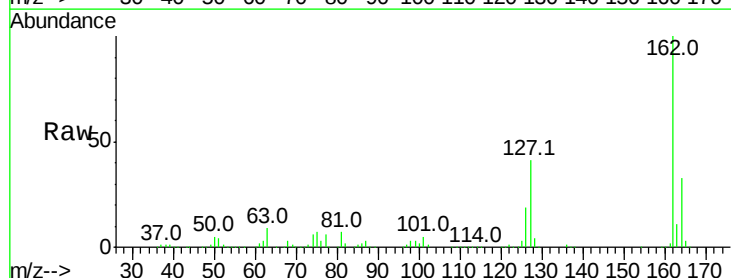
Tgt Ion:162 Resp: 755330

Ion Ratio Lower Upper

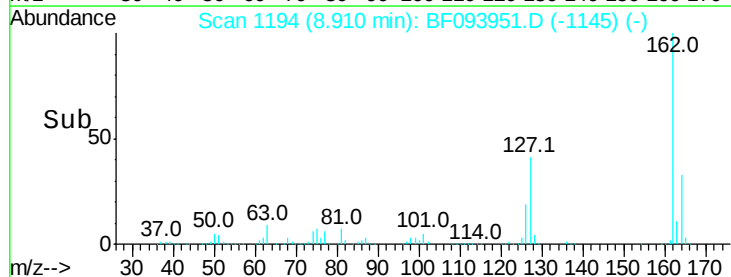
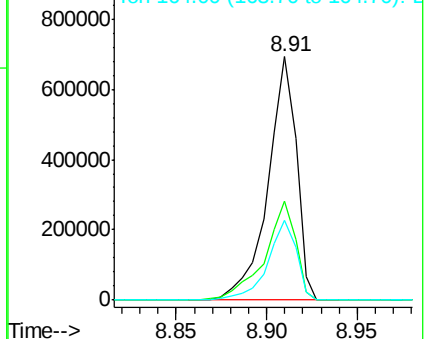
162 100

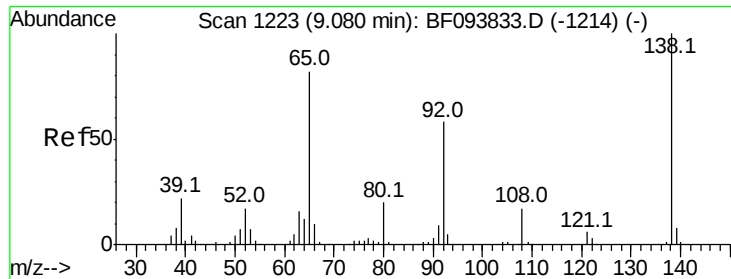
127 40.5 28.3 42.5

164 32.8 27.0 40.4



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

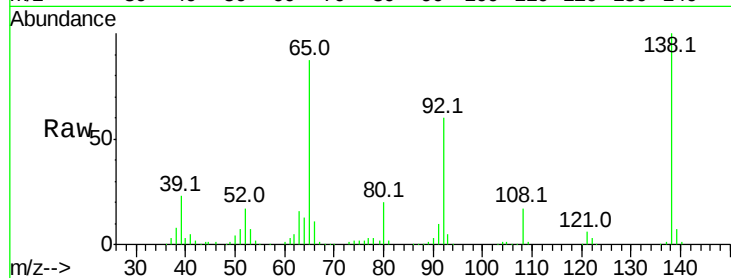




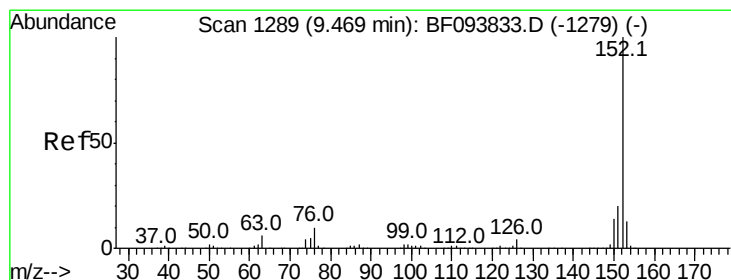
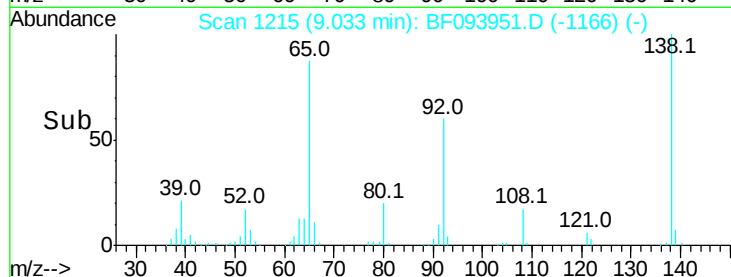
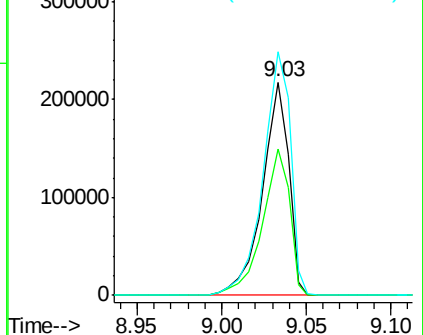
#47
2-Nitroaniline
Concen: 42.46 ng
RT: 9.03 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion: 65 Resp: 235919
Ion Ratio Lower Upper
65 100
92 68.8 53.9 80.9
138 114.3 78.8 118.2

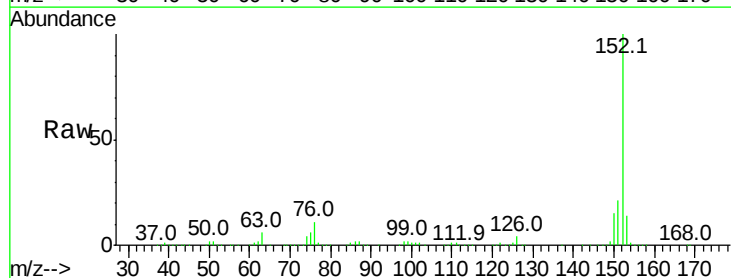


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

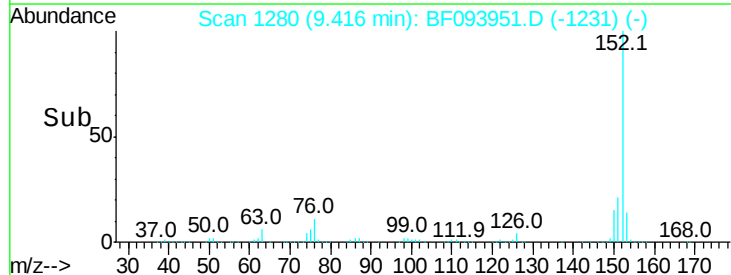
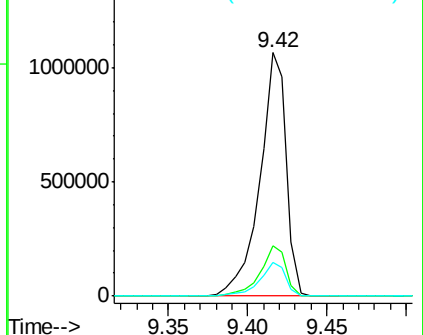


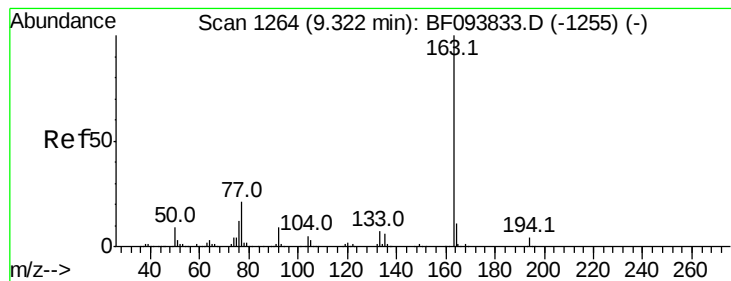
#48
Acenaphthylene
Concen: 39.76 ng
RT: 9.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:152 Resp: 1237507
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.6 10.8 16.2



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





#49

Dimethylphthalate

Concen: 42.92 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

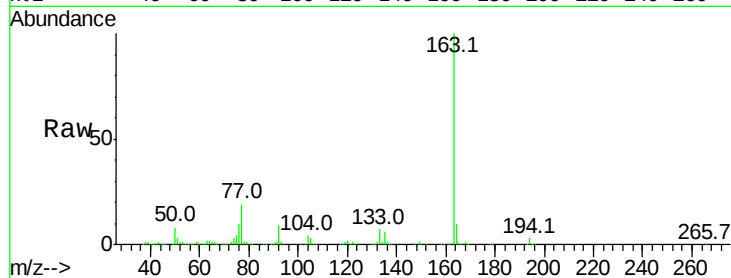
Tot Ion:163 Resp: 905036

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

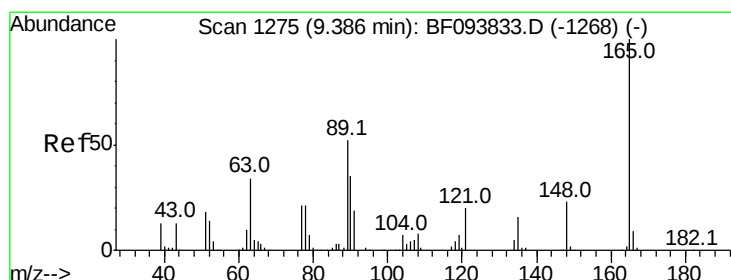
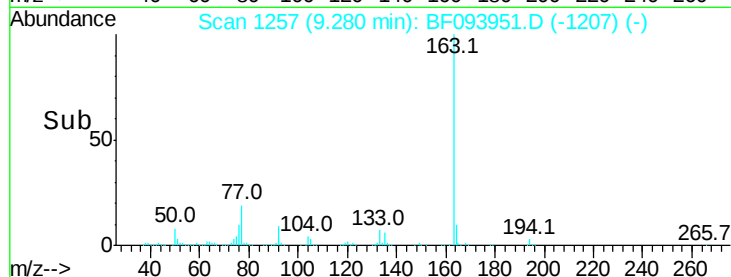
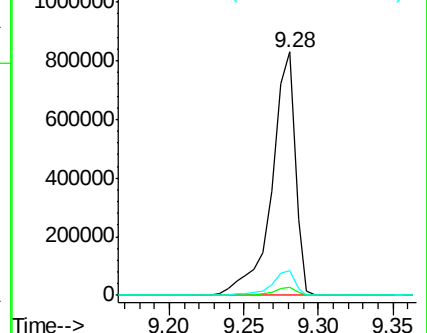
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.68 ng

RT: 9.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

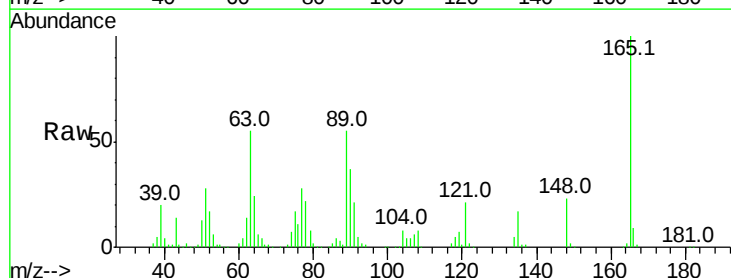
Tgt Ion:165 Resp: 206291

Ion Ratio Lower Upper

165 100

63 55.2 34.3 51.5#

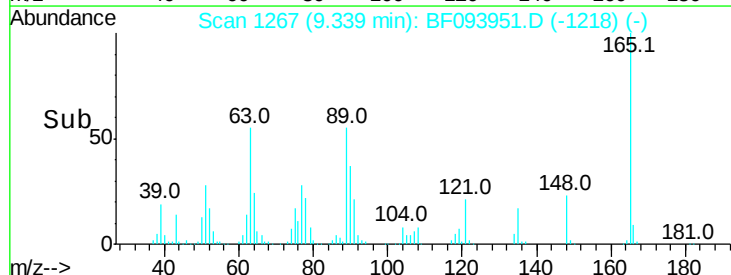
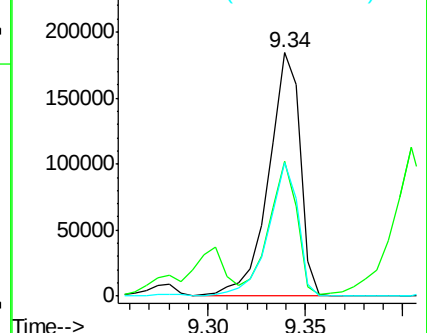
89 55.1 37.1 55.7

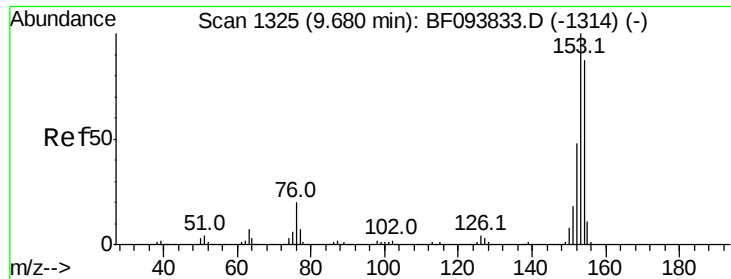


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.03 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

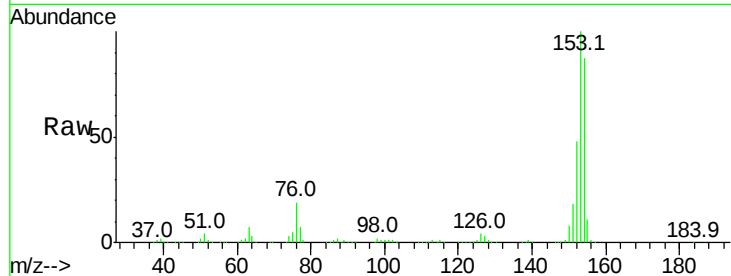
Tot Ion:154 Resp: 727063

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

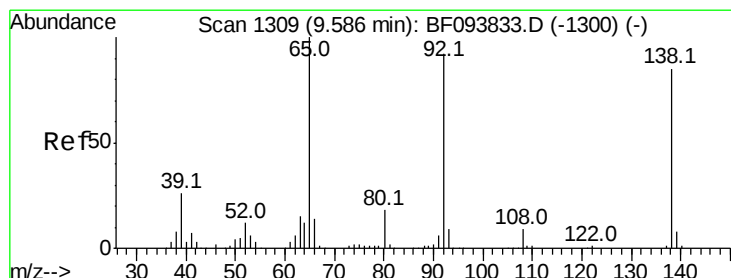
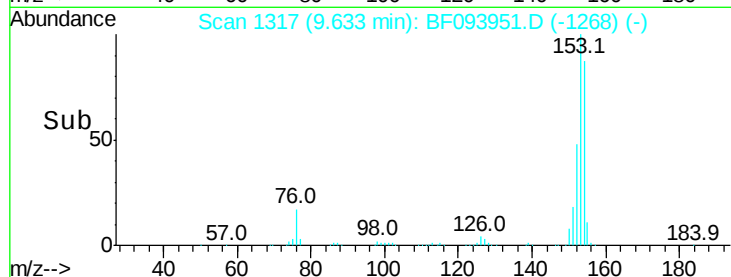
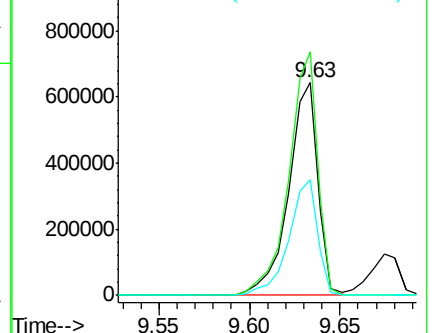
152 54.5 43.6 65.4



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: 17.73 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

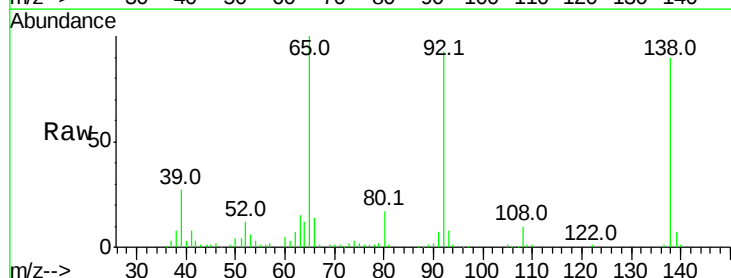
Tgt Ion:138 Resp: 100626

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

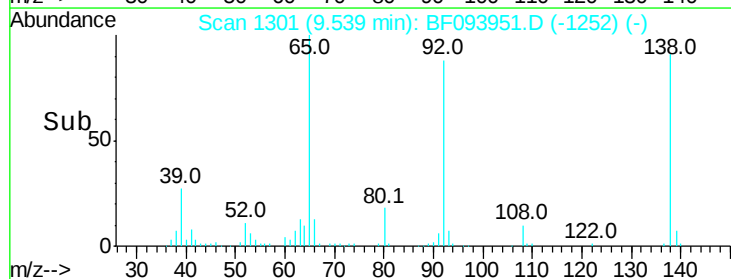
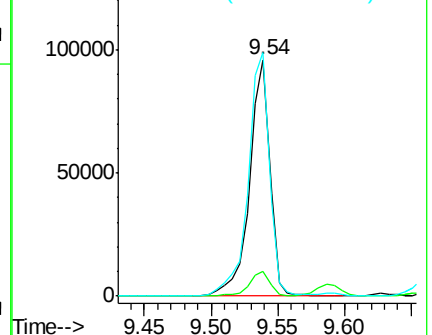
92 103.1 93.8 140.6

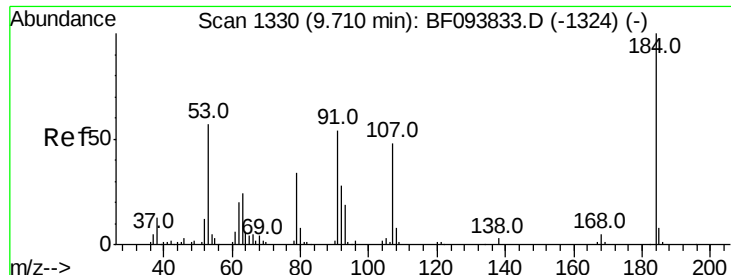


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

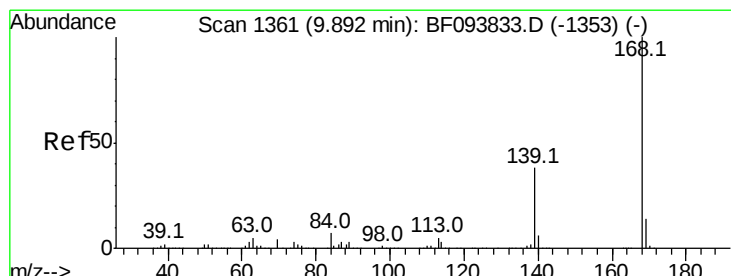
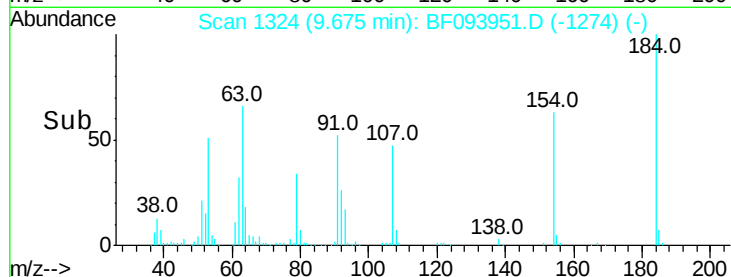
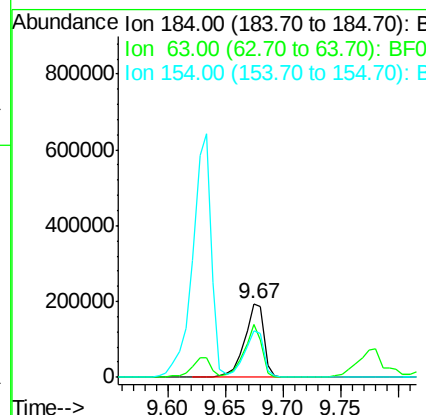
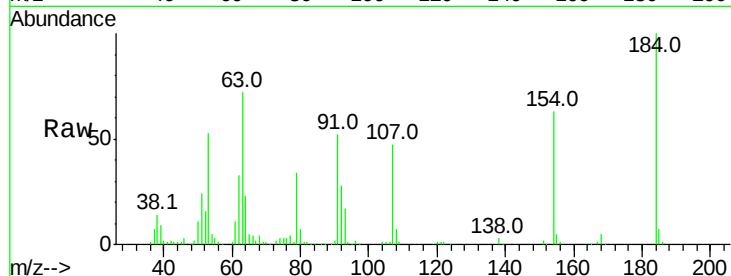




#53
2,4-Dinitrophenol
Concen: 87.91 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

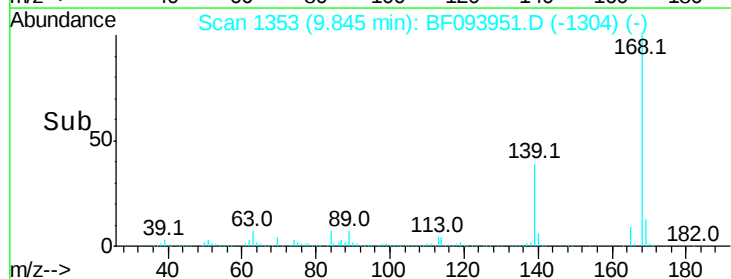
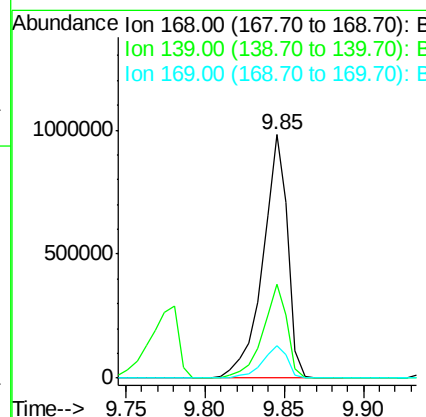
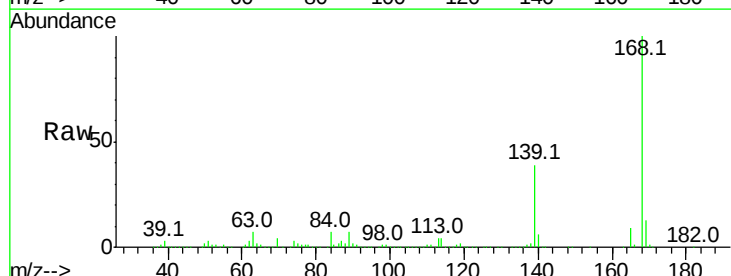
Instrument :
BNA_F
ClientSampleId :
PB97837BS

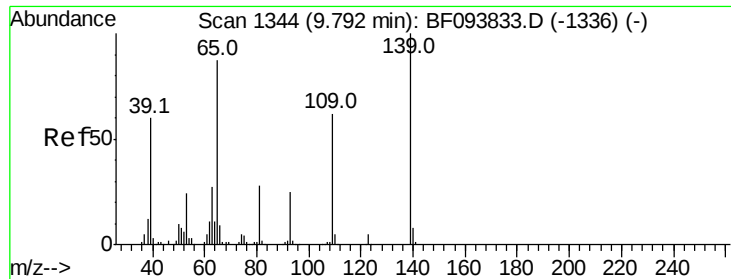
Tot Ion:184 Resp: 228674
Ion Ratio Lower Upper
184 100
63 72.1 62.7 94.1
154 63.3 81.1 121.7#



#54
Dibenzofuran
Concen: 43.27 ng
RT: 9.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:168 Resp: 1069854
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 83.30 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

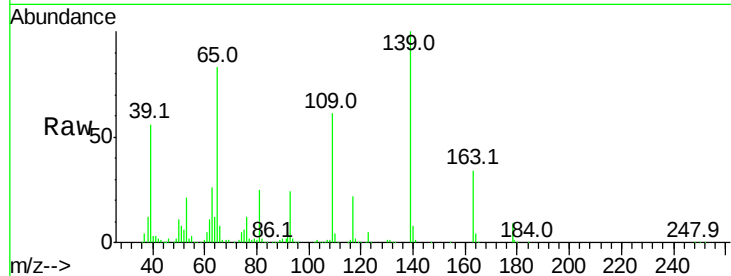
Tot Ion:139 Resp: 370259

Ion Ratio Lower Upper

139 100

109 60.7 34.1 74.1

65 83.3 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

9.78

300000

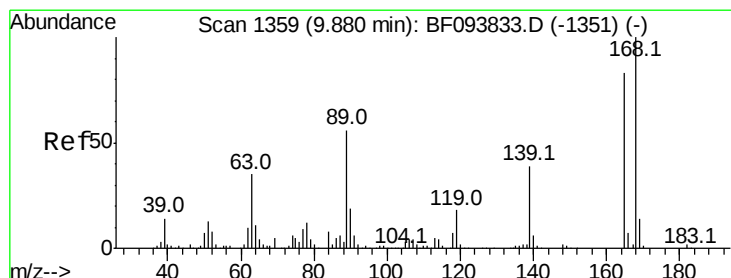
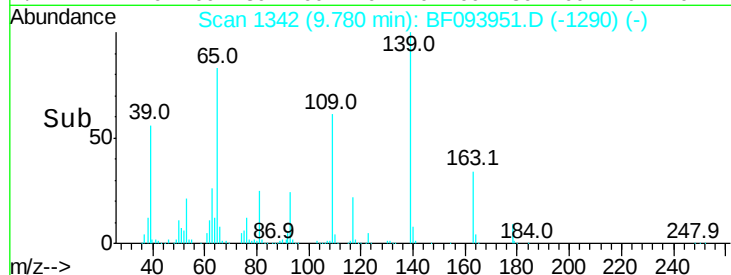
200000

100000

0

9.70 9.75 9.80

Time-->



#56

2,4-Dinitrotoluene

Concen: 43.36 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:165 Resp: 263304

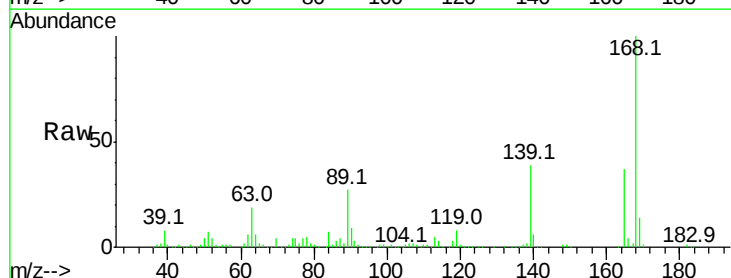
Ion Ratio Lower Upper

165 100

63 50.8 25.4 38.0#

89 72.0 46.4 69.6#

182 2.7 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

9.84

300000

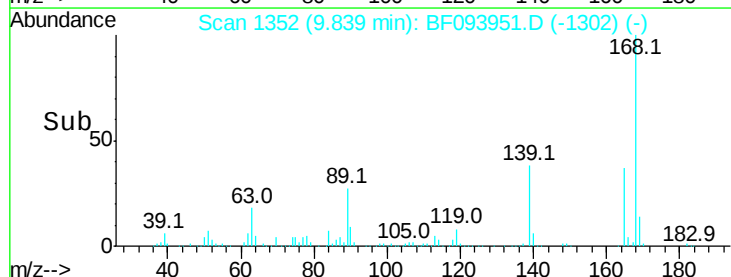
200000

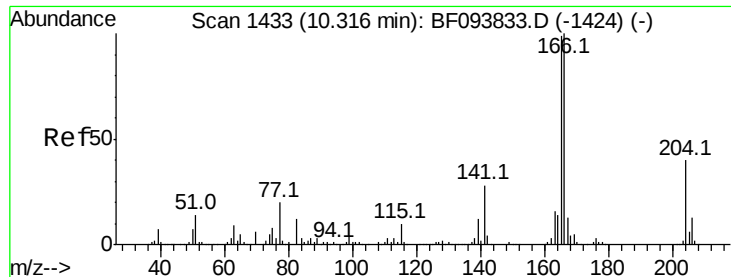
100000

0

9.75 9.80 9.85 9.90

Time-->

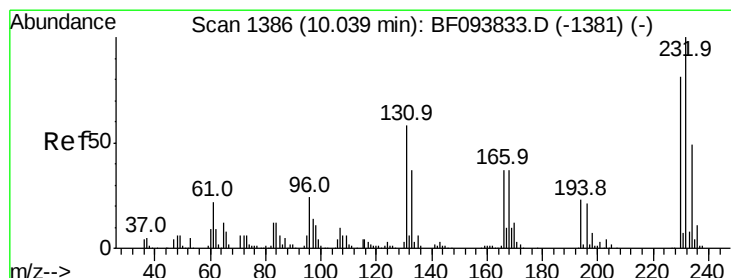
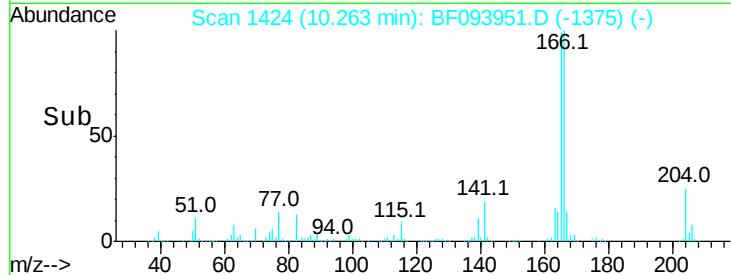
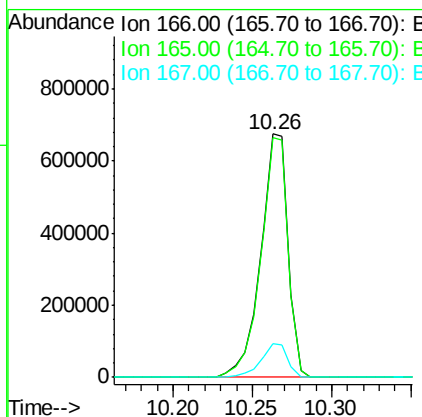
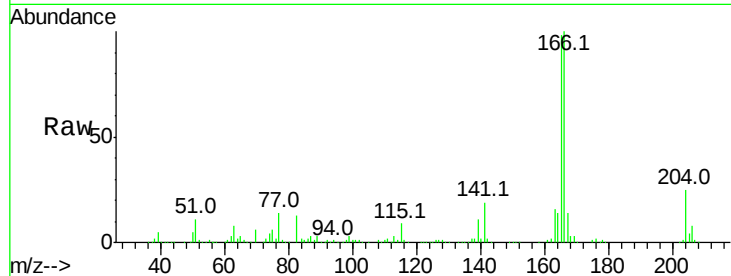




#57
Fluorene
 Concen: 39.49 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

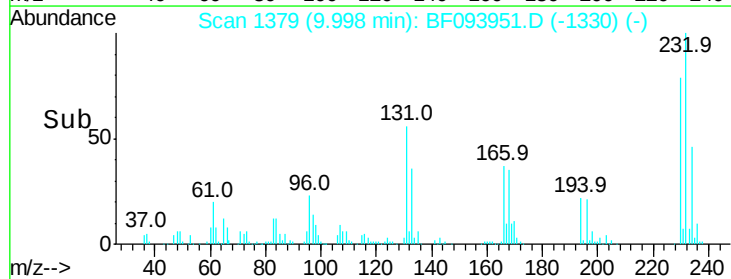
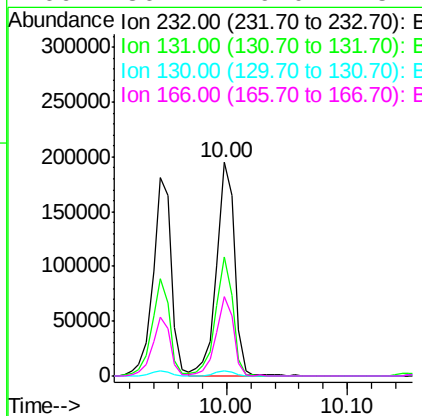
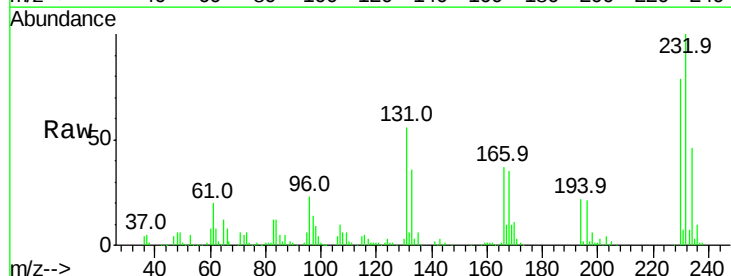
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

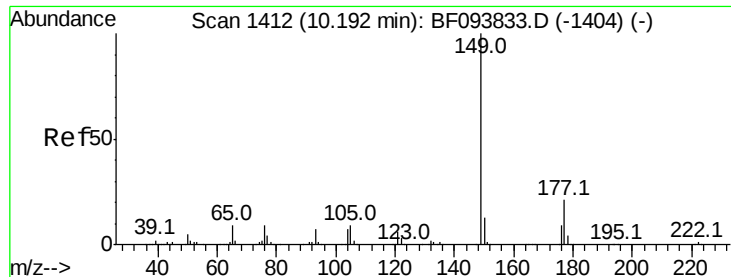
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	13.8	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.89 ng
 RT: 10.00 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.1	44.8	67.2
130	2.6	2.3	3.5
166	36.2	29.0	43.4

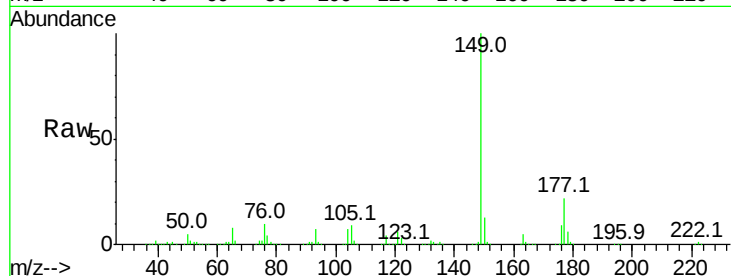




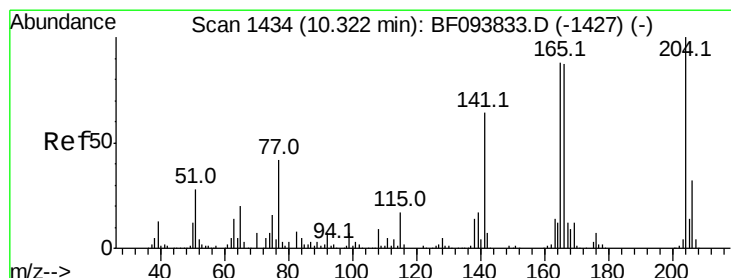
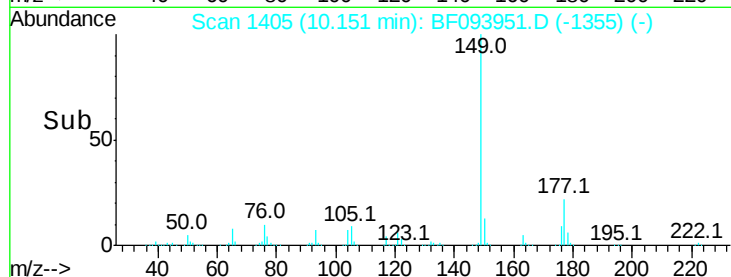
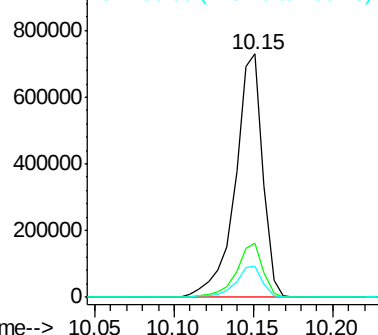
#59
Diethylphthalate
Concen: 42.49 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion:149 Resp: 885545
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.6 10.2 15.2

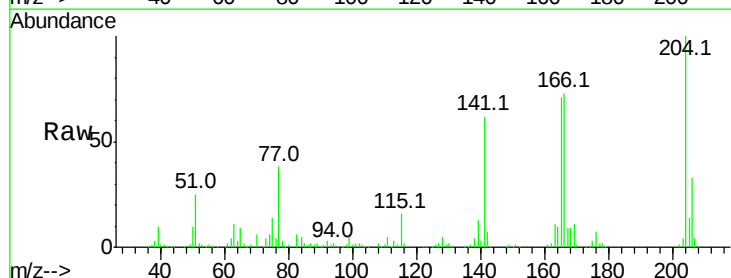


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

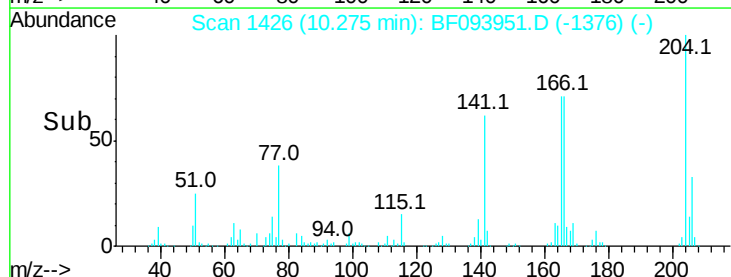
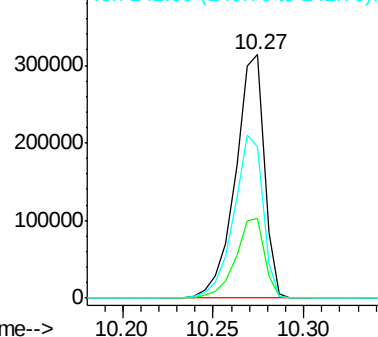


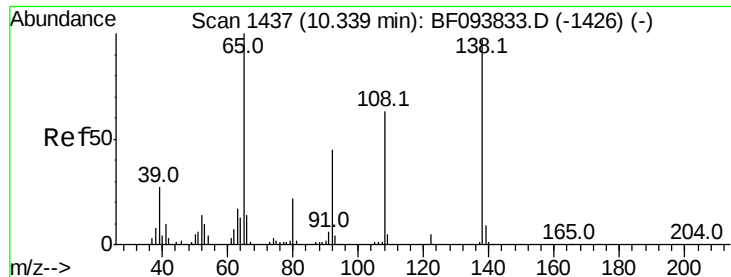
#60
4-Chlorophenyl-phenylether
Concen: 39.77 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:204 Resp: 347349
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 62.2 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

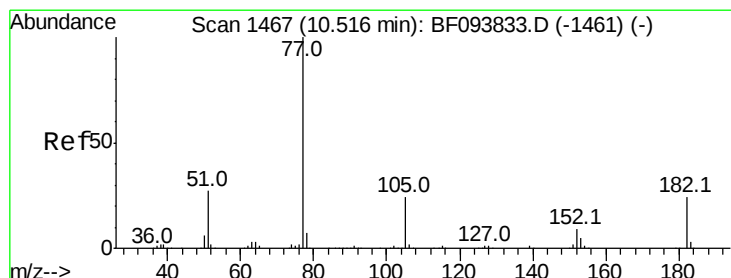
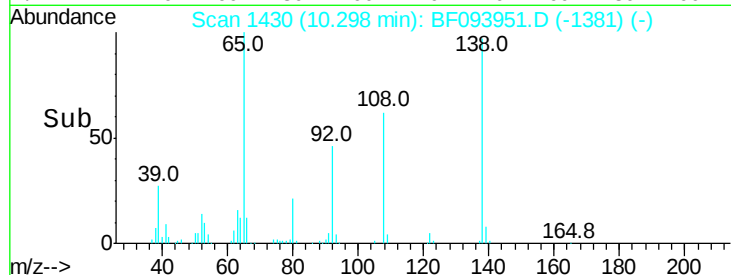
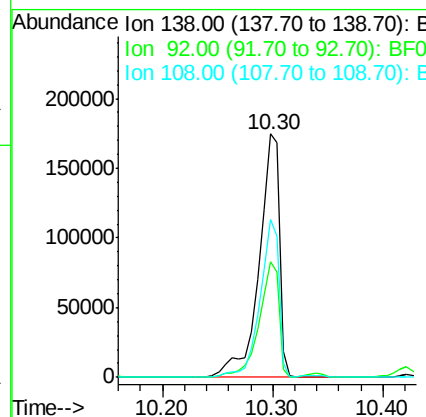
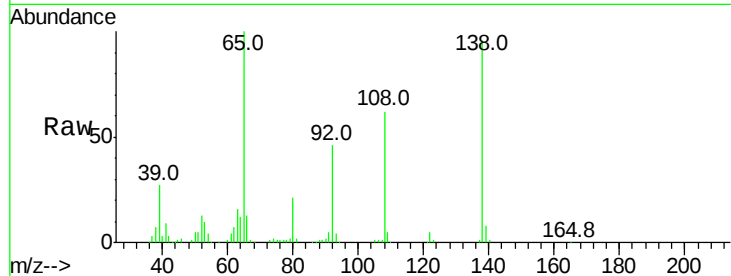




#61
4-Nitroaniline
Concen: 41.75 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

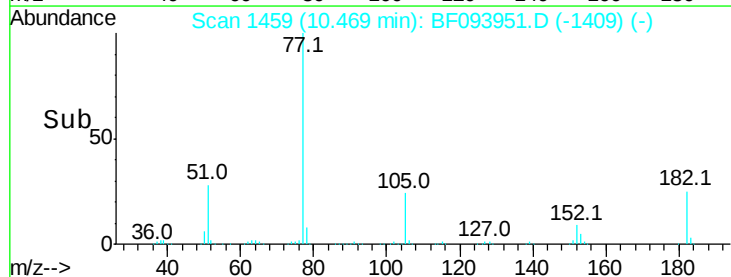
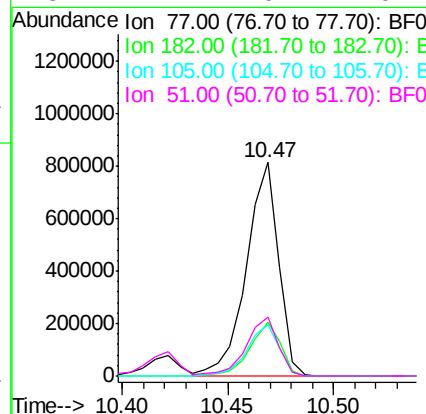
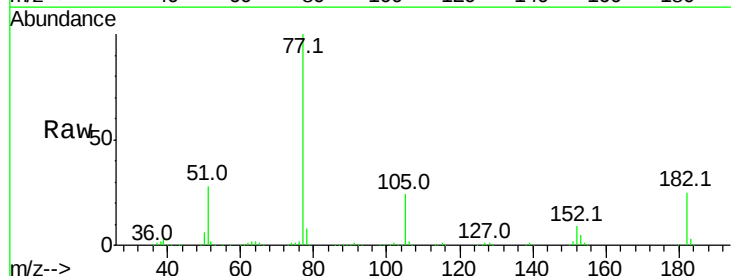
Instrument :
BNA_F
ClientSampleId :
PB97837BS

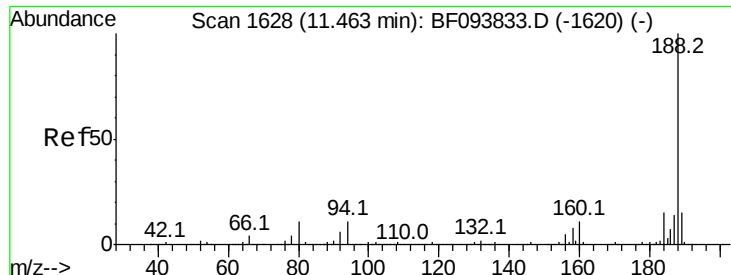
Tot Ion:138 Resp: 227407
Ion Ratio Lower Upper
138 100
92 47.6 21.8 61.8
108 64.7 42.3 82.3



#62
Azobenzene
Concen: 43.66 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion: 77 Resp: 860673
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 24.2 3.6 43.6
51 27.7 9.4 49.4

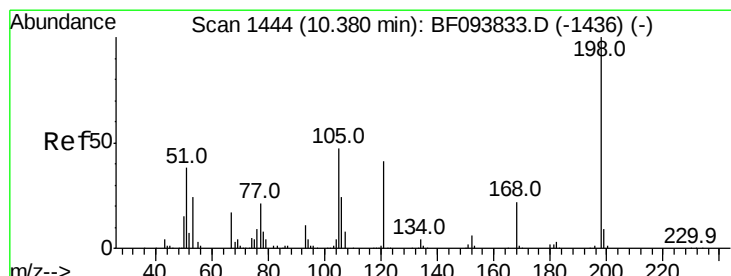
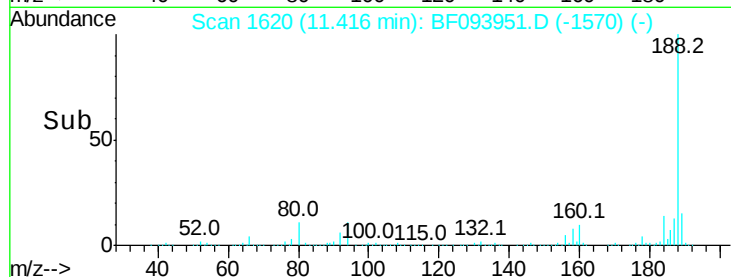
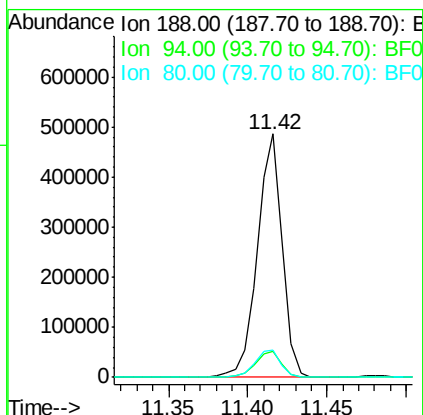
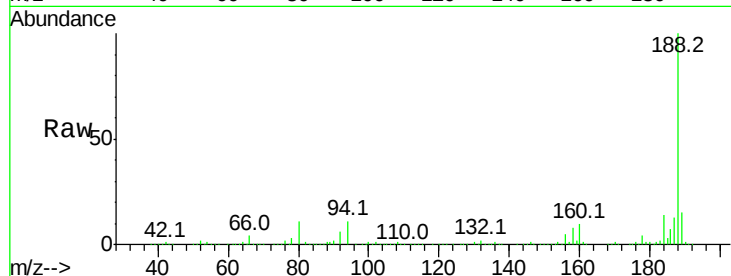




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

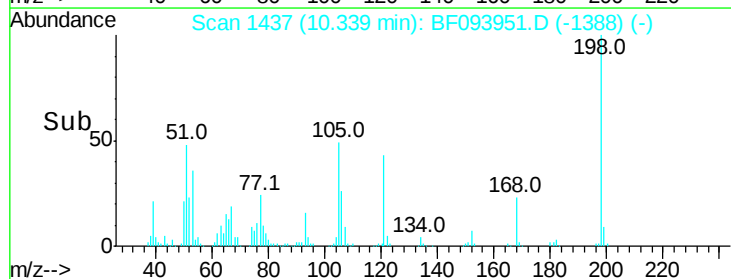
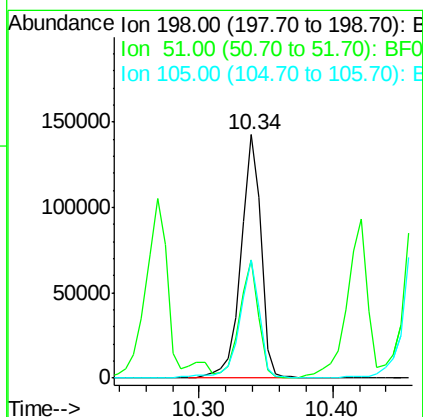
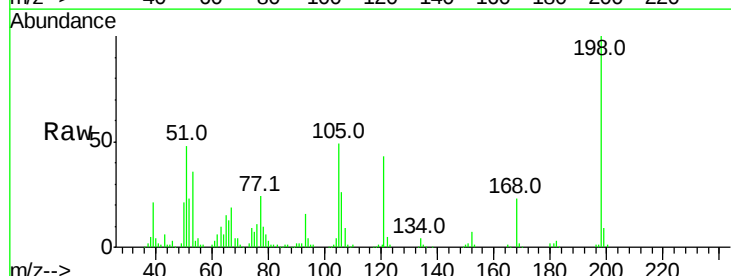
Instrument :
BNA_F
ClientSampleId :
PB97837BS

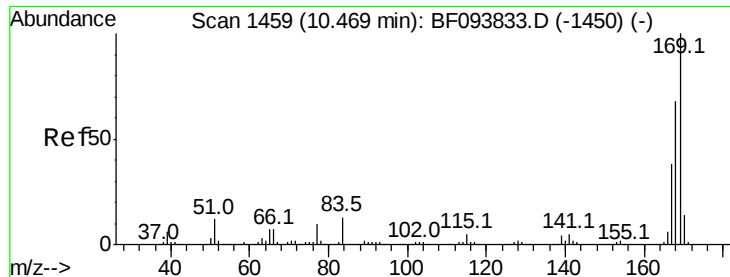
Tot Ion:188 Resp: 529489
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.82 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:198 Resp: 148593
Ion Ratio Lower Upper
198 100
51 48.3 53.2 93.2#
105 48.7 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 41.15 ng

RT: 10.42 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

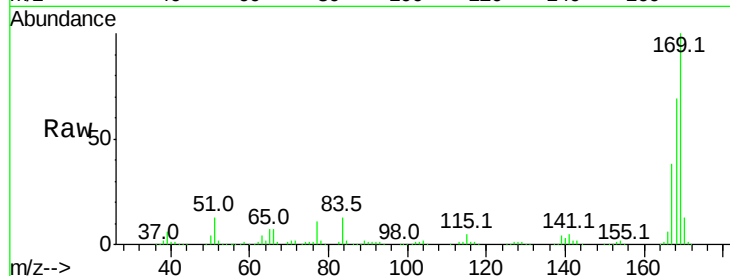
BNA_F

ClientSampleId :

PB97837BS

Tot Ion:169 Resp: 753556

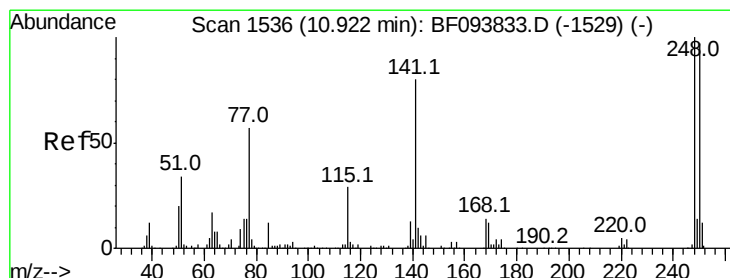
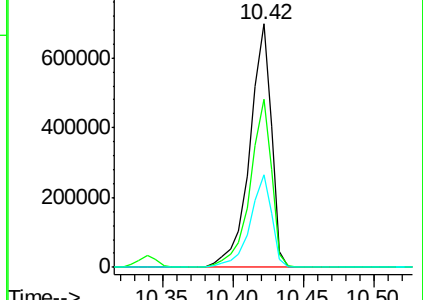
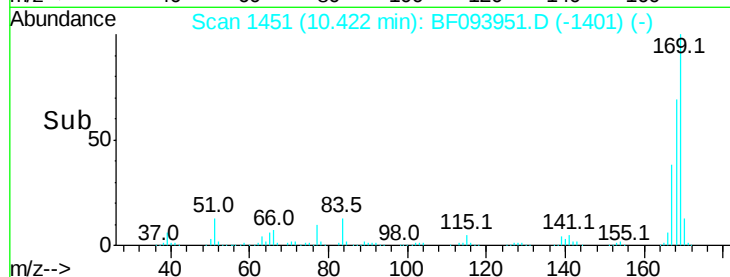
Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.2	79.8
167	38.2	29.5	44.3



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: 41.09 ng

RT: 10.87 min Scan# 1527

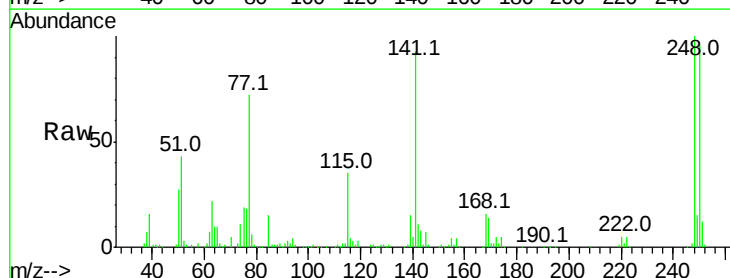
Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:248 Resp: 213974

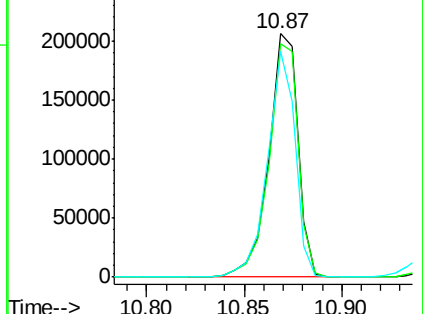
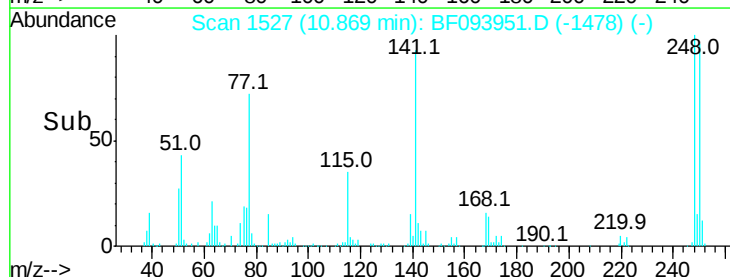
Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.8	115.2
141	93.0	68.6	103.0

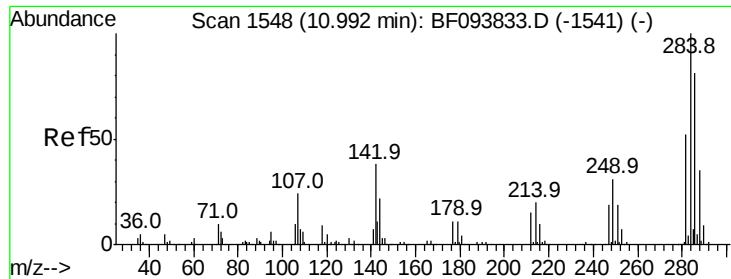


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.59 ng

RT: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

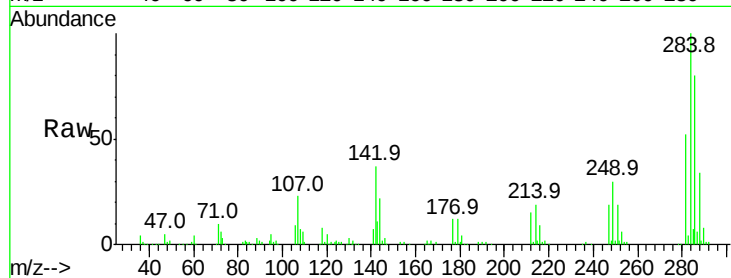
Tot Ion:284 Resp: 224537

Ion Ratio Lower Upper

284 100

142 37.3 22.8 34.2#

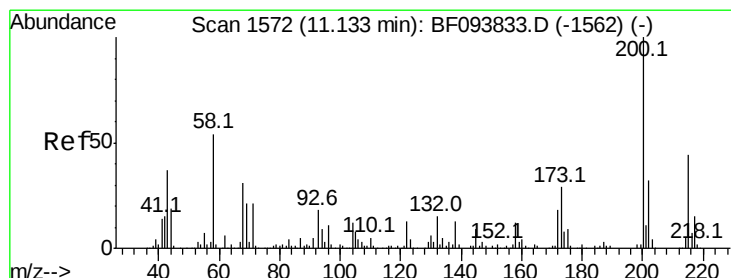
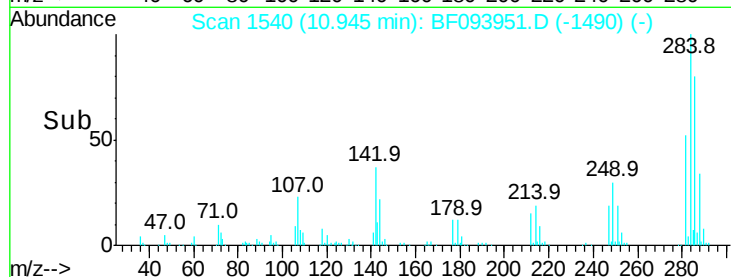
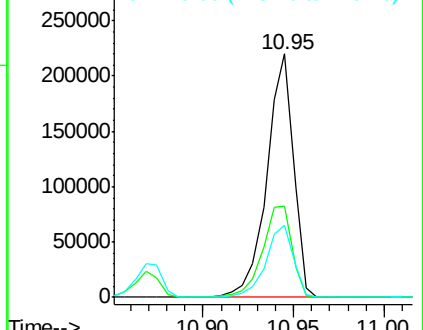
249 29.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.92 ng

RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

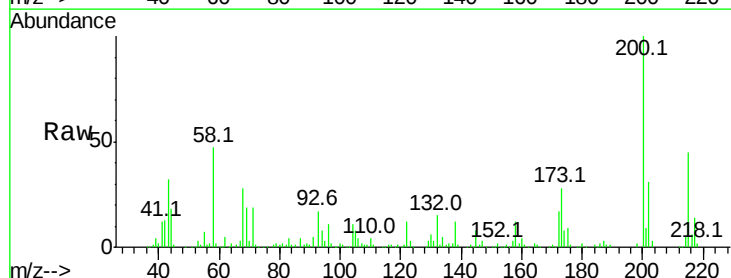
Tgt Ion:200 Resp: 229900

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

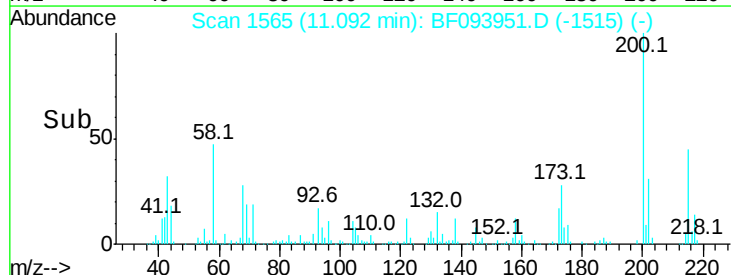
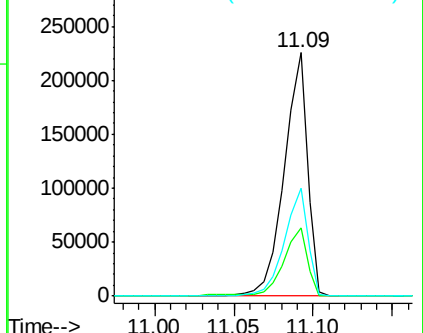
215 44.5 27.2 67.2

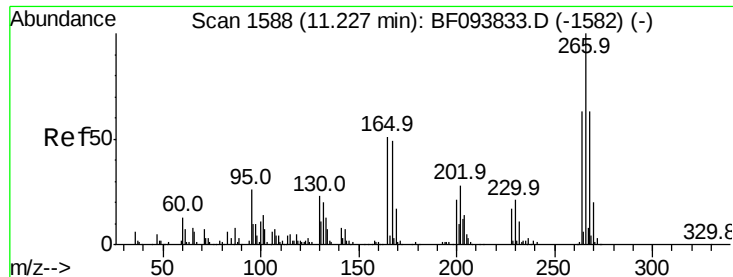


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

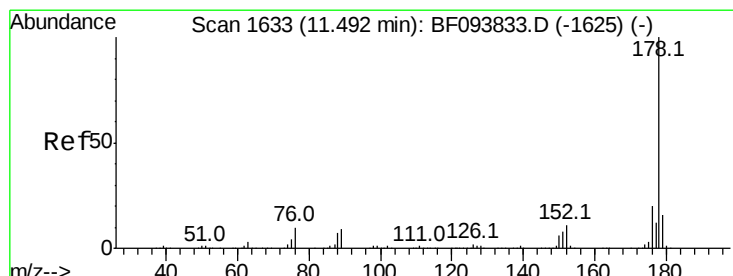
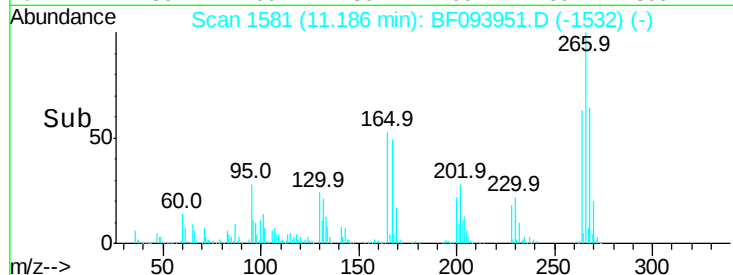
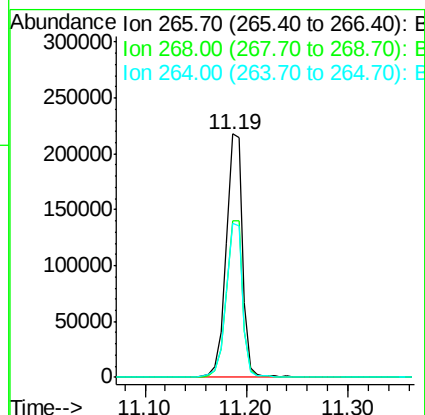
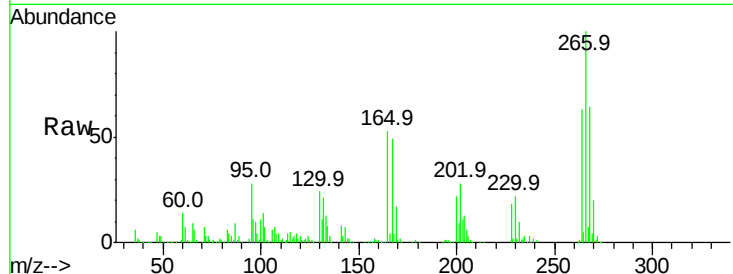




#69
 Pentachlorophenol
 Concen: 74.82 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

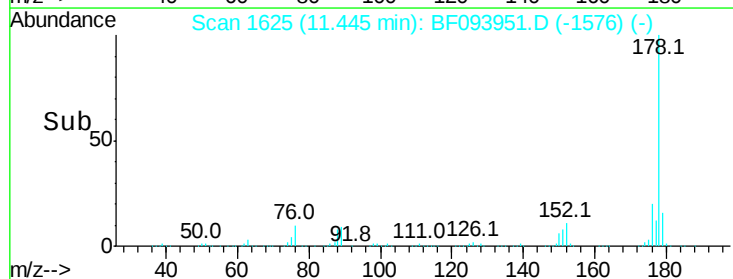
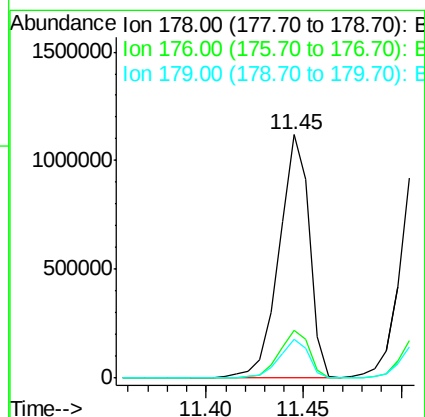
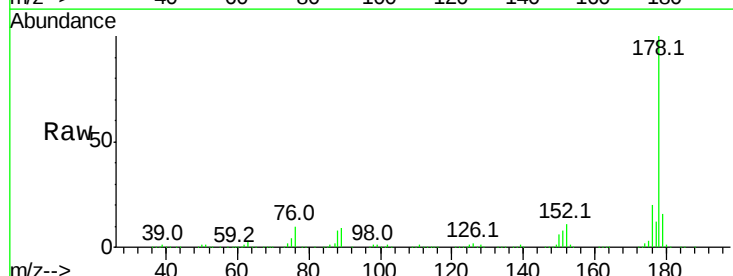
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

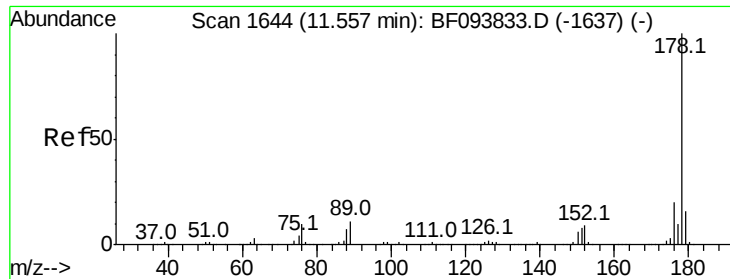
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.2	51.7	77.5



#70
 Phenanthrene
 Concen: 40.75 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.8	12.6	19.0





#71

Anthracene

Concen: 41.06 ng

RT: 11.51 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

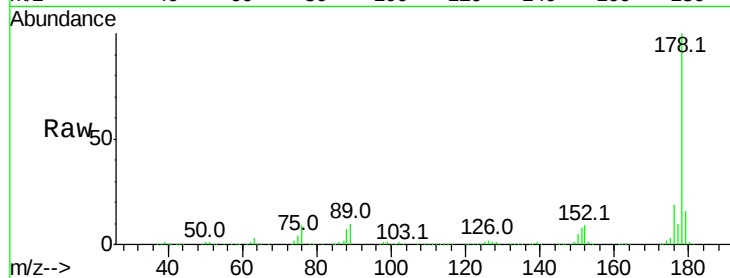
Tot Ion:178 Resp: 1245361

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

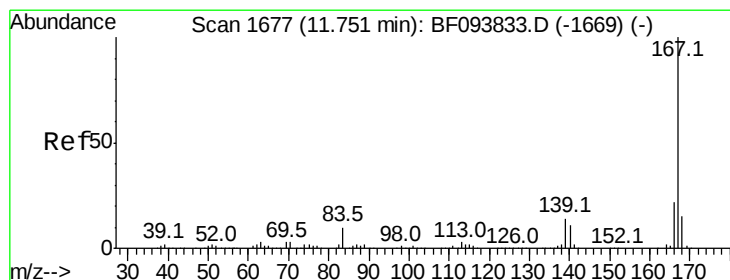
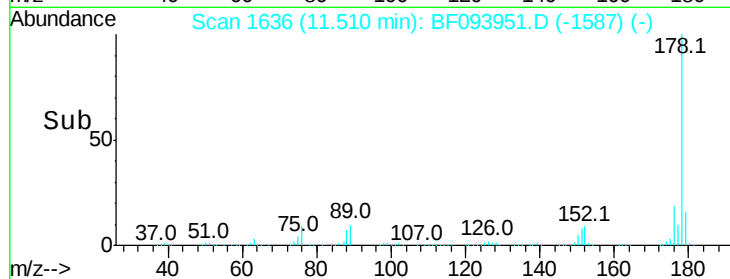
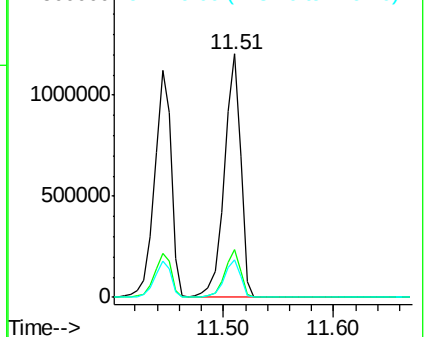
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.00 ng

RT: 11.71 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

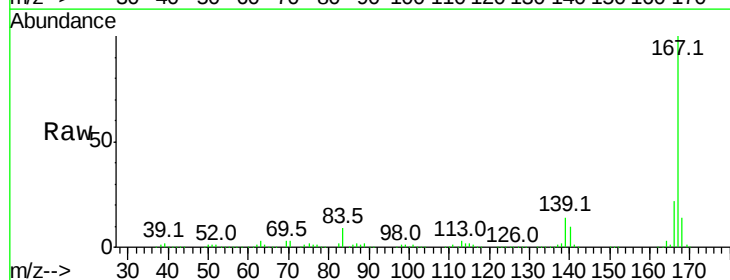
Tgt Ion:167 Resp: 1181864

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

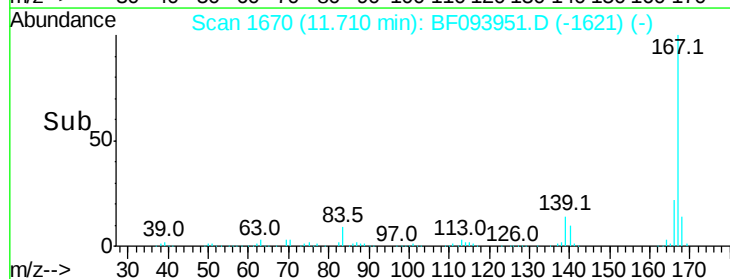
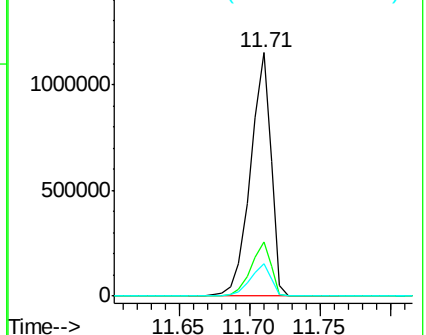
139 13.6 11.7 17.5

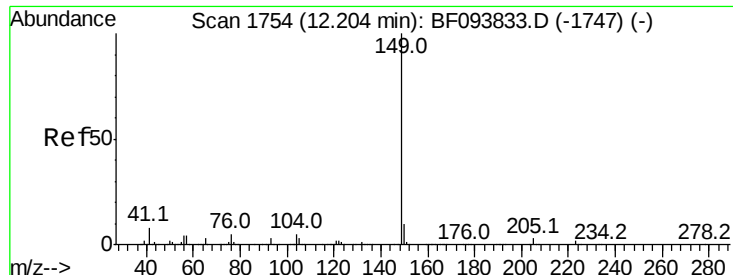


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.48 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

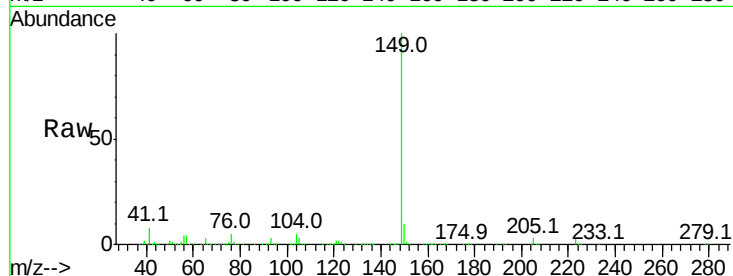
Tot Ion:149 Resp: 1373690

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

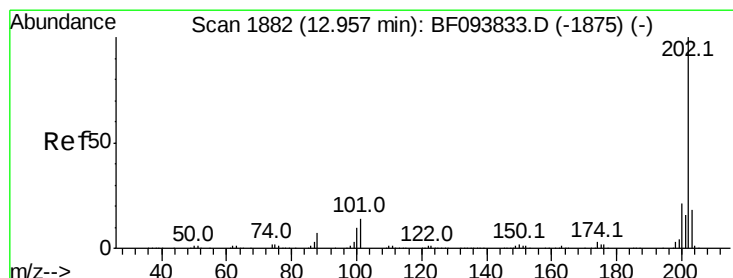
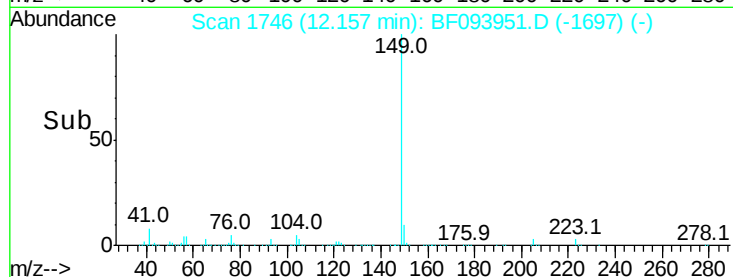
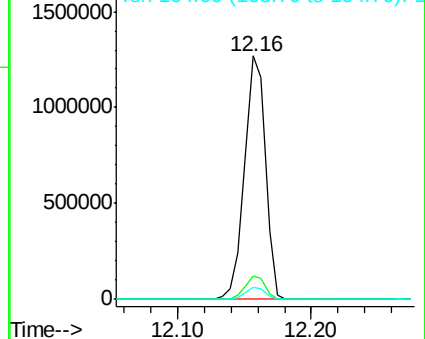
104 4.7 4.0 6.0



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: 41.52 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

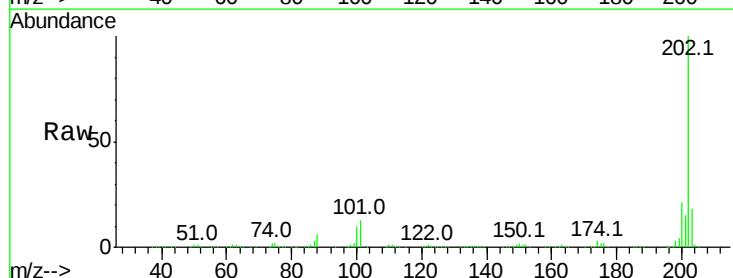
Tgt Ion:202 Resp: 1252311

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

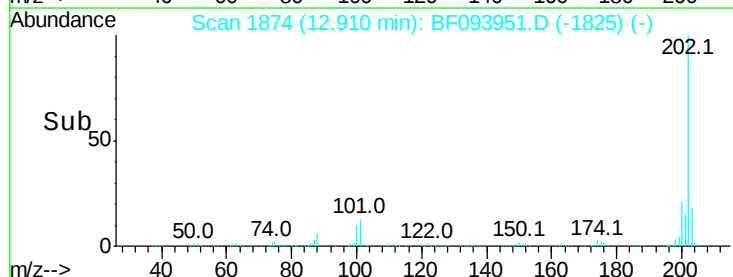
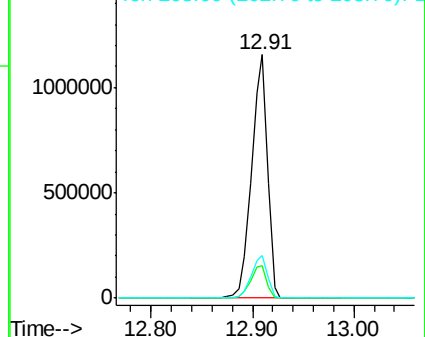
203 17.5 0.0 38.1

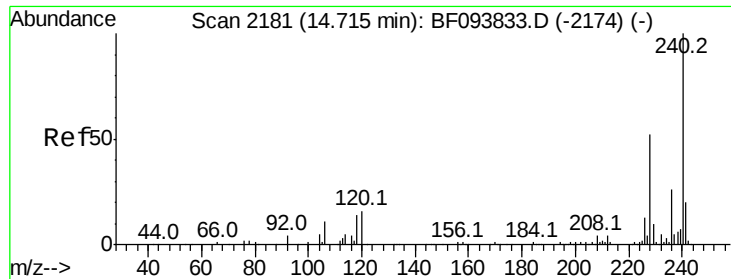


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

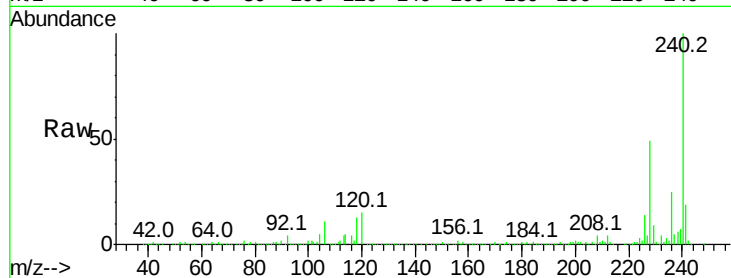
Tot Ion:240 Resp: 440070

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

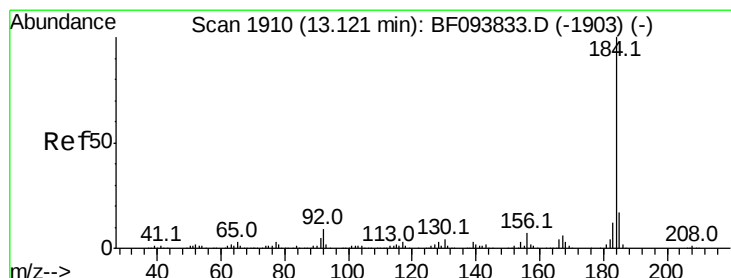
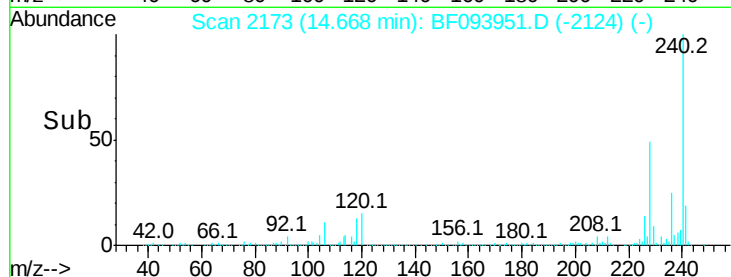
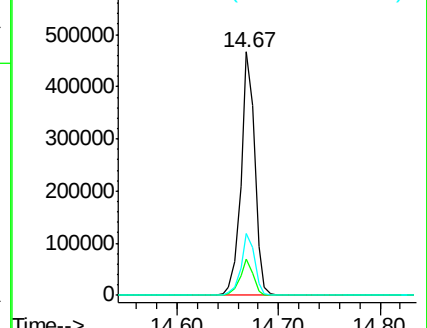
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.74 ng

RT: 13.07 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

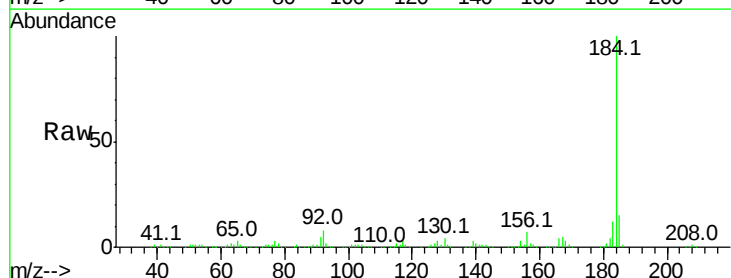
Tgt Ion:184 Resp: 465748

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

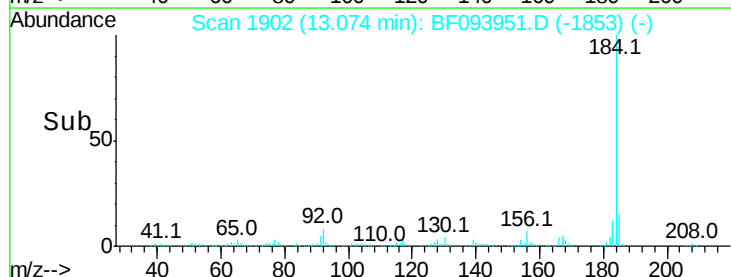
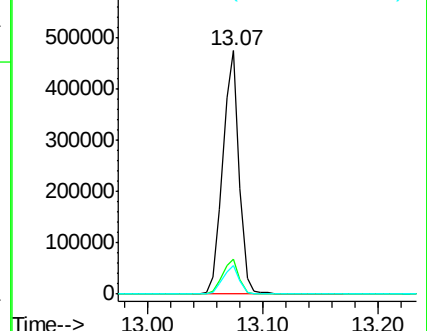
183 11.9 9.8 14.6

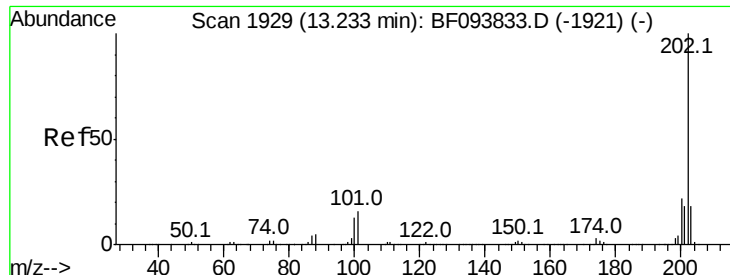


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

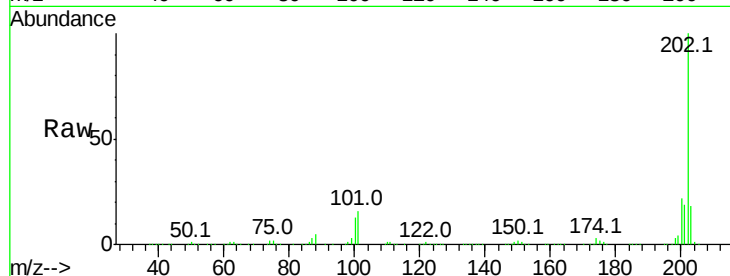




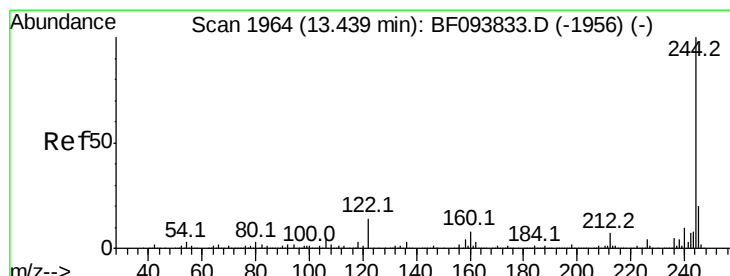
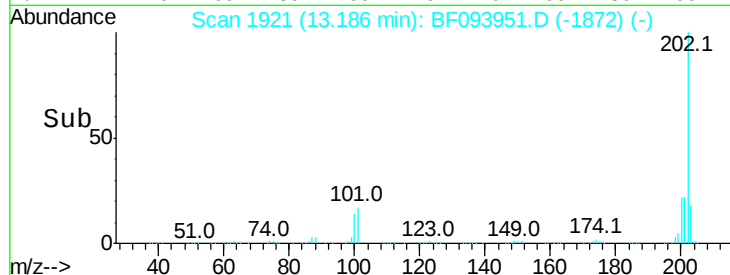
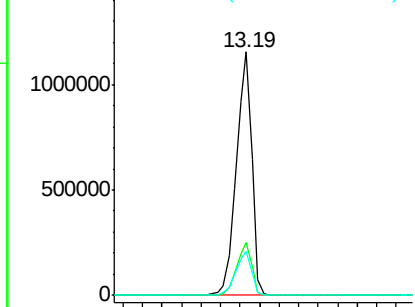
#77
Pvrene
Concen: 39.41 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion:202 Resp: 1258786
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.0 14.4 21.6

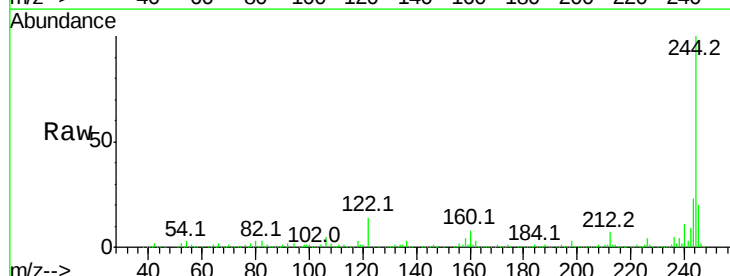


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

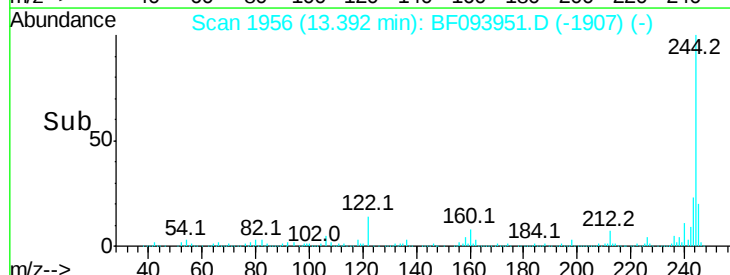
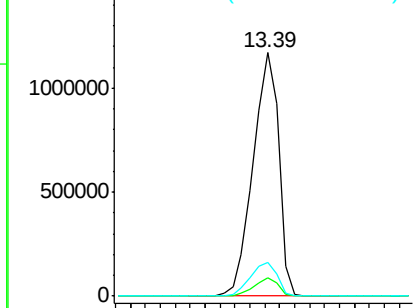


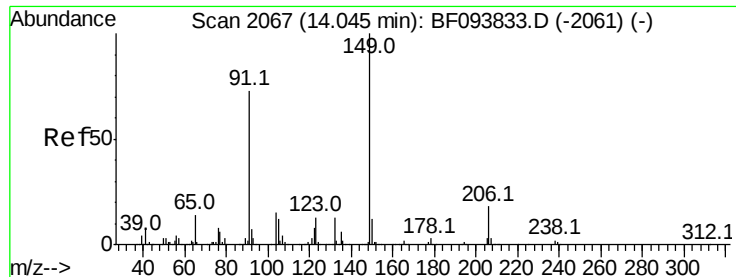
#78
Terphenyl-d14
Concen: 70.45 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:244 Resp: 1383155
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.6 10.3 15.5



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





#79

Butylbenzylphthalate

Concen: 43.93 ng

RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

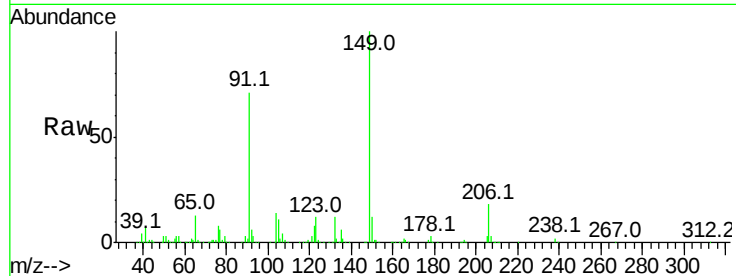
Tot Ion:149 Resp: 597738

Ion Ratio Lower Upper

149 100

91 71.3 45.0 67.4#

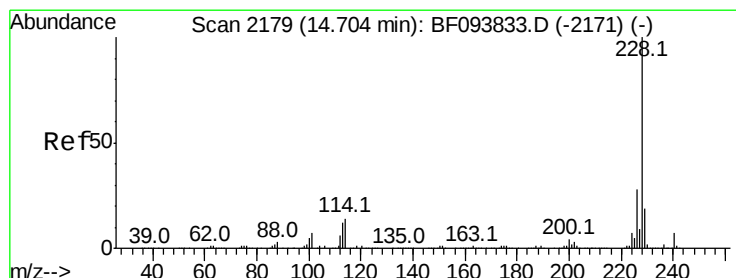
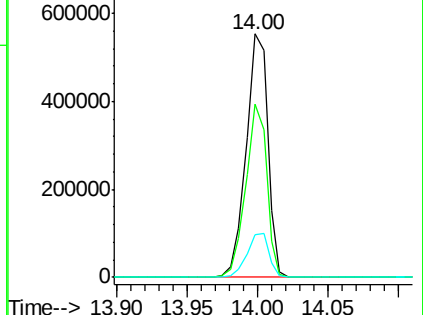
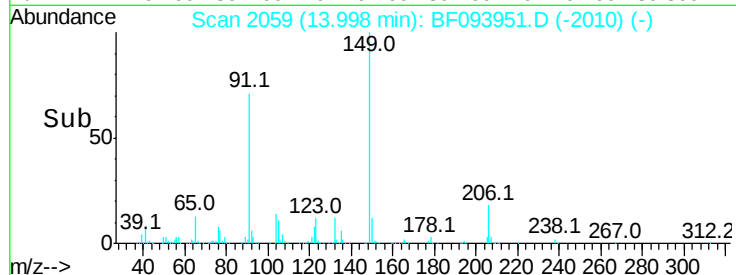
206 17.7 17.0 25.6



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: 41.45 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

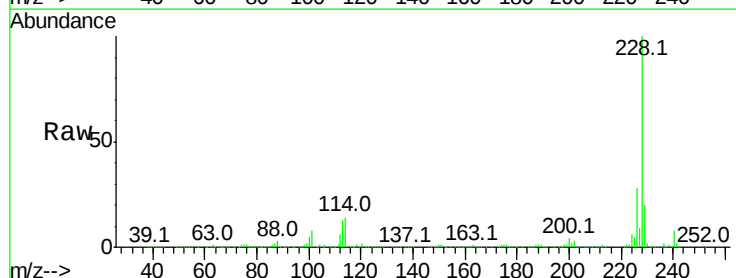
Tgt Ion:228 Resp: 1063728

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

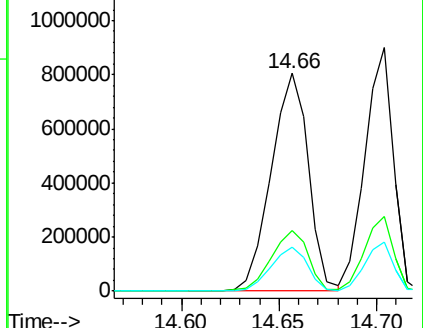
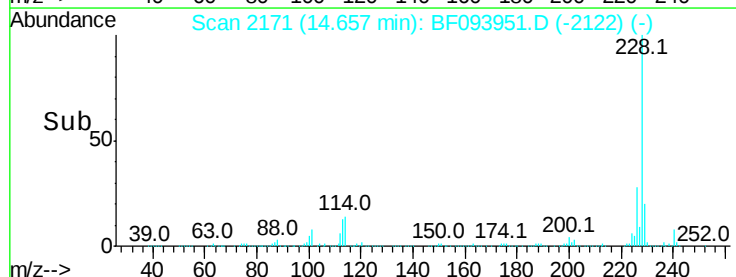
229 20.1 16.3 24.5

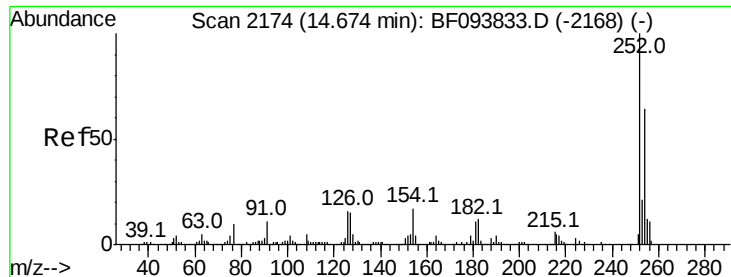


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

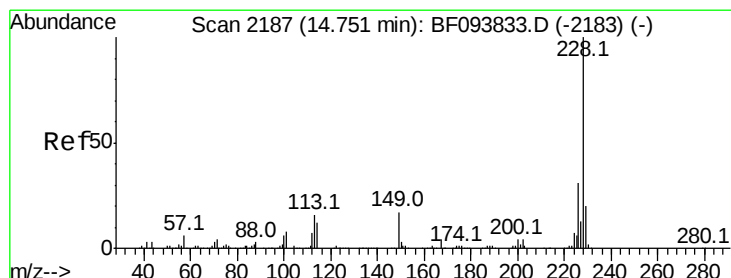
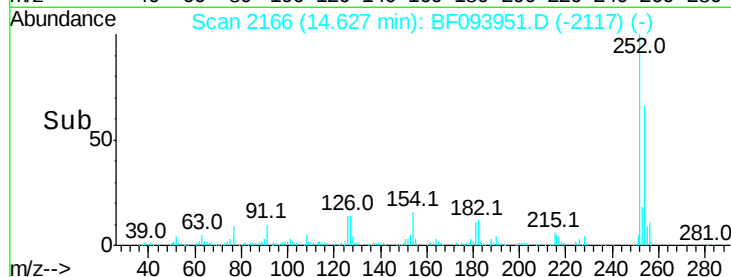
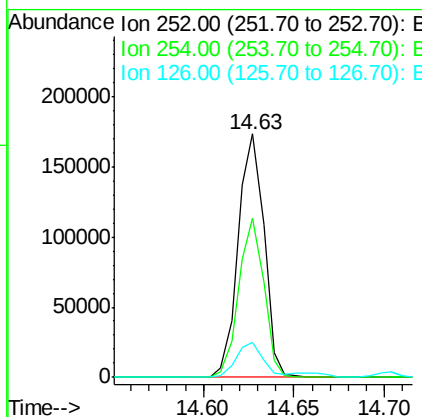
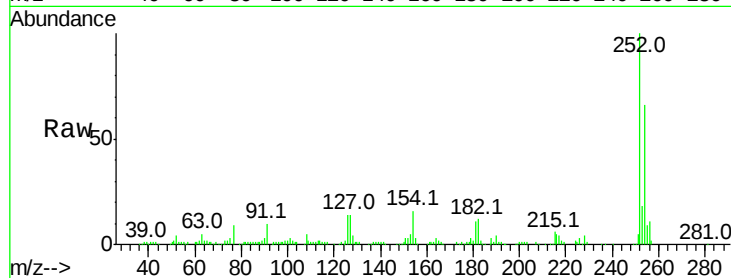




#81
 3,3'-Dichlorobenzidine
 Concen: 18.85 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

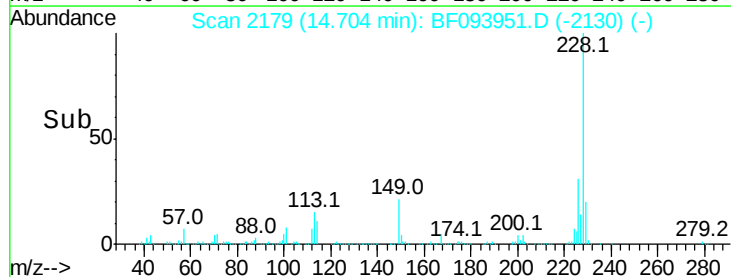
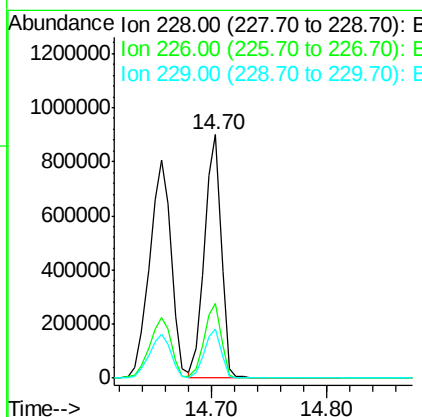
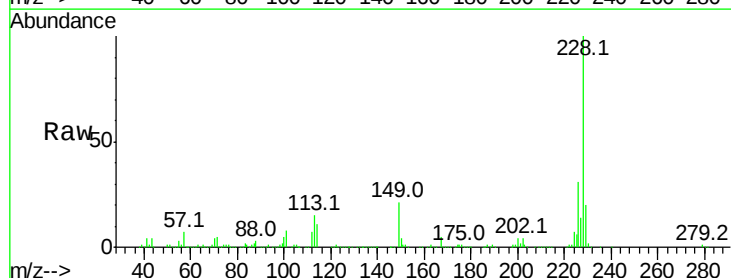
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

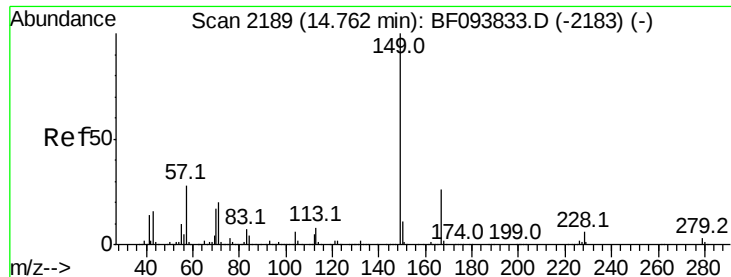
Tot Ion:252 Resp: 172937
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.5 77.3
 126 14.3 15.8 23.8#



#82
 Chrysene
 Concen: 38.42 ng
 RT: 14.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:228 Resp: 914969
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.2 15.8 23.6

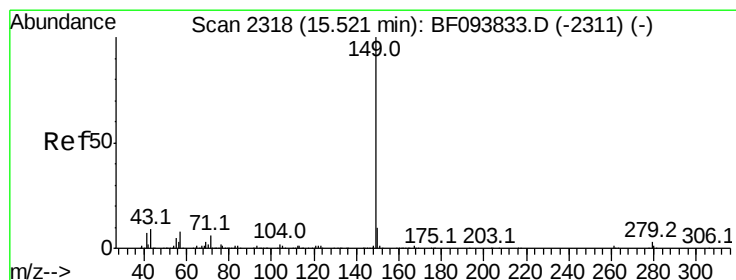
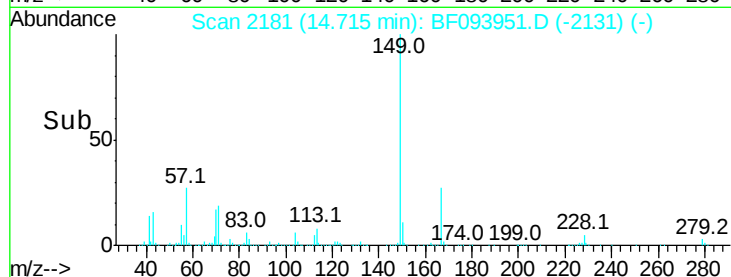
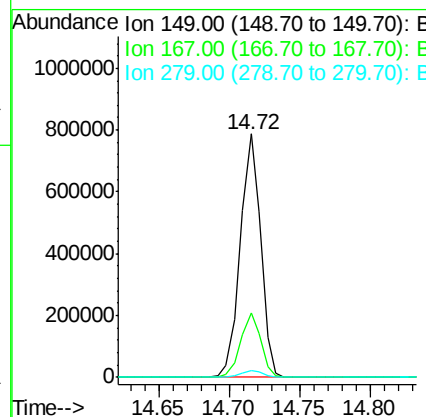
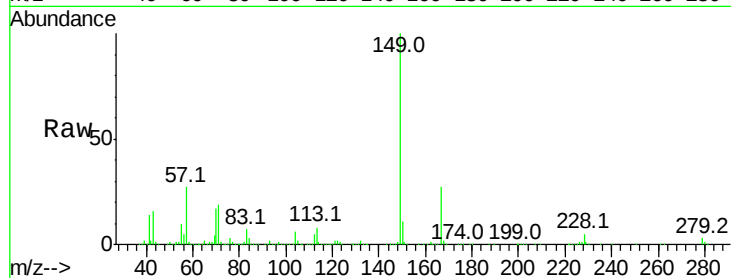




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.79 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

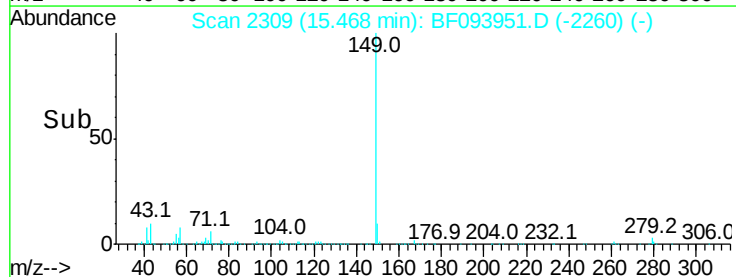
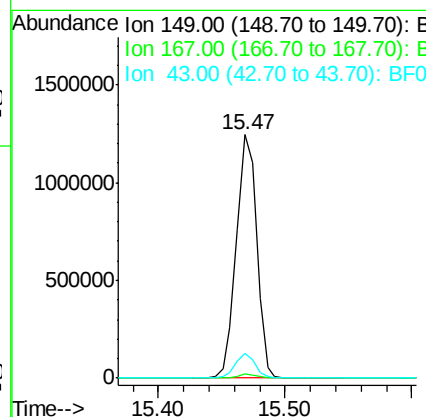
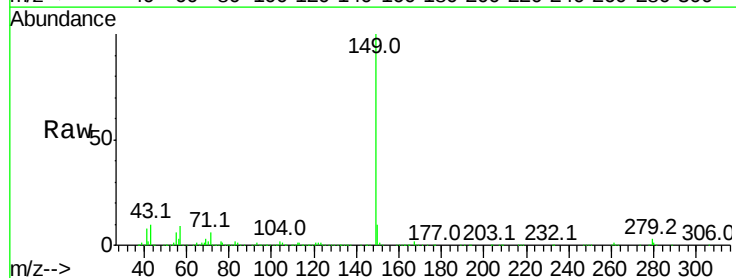
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

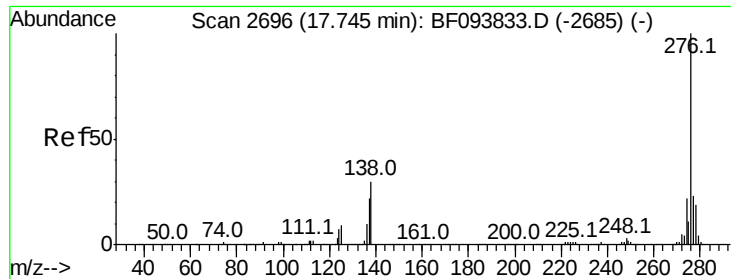
Tot Ion:149 Resp: 794481
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 44.37 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:149 Resp: 1376115
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.6 8.5 12.7

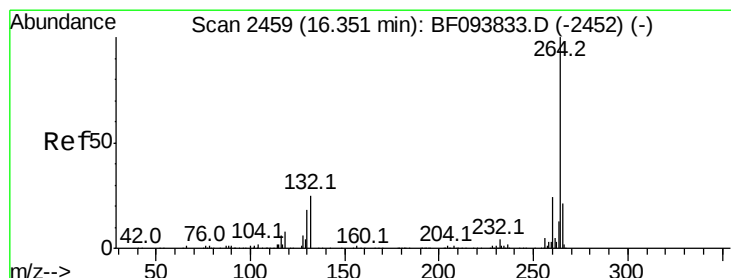
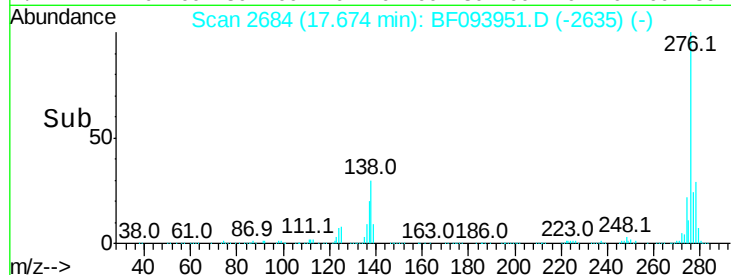
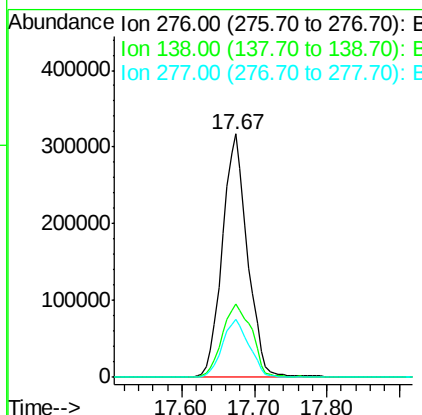
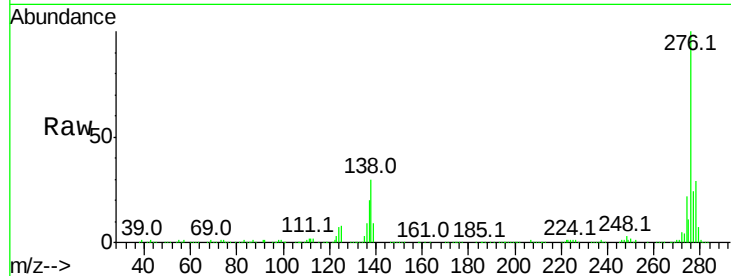




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.06 ng
 RT: 17.67 min Scan# 2684
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

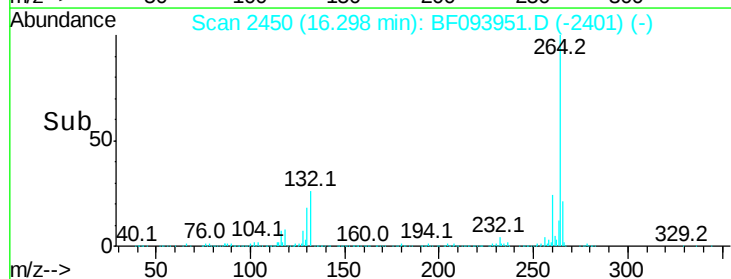
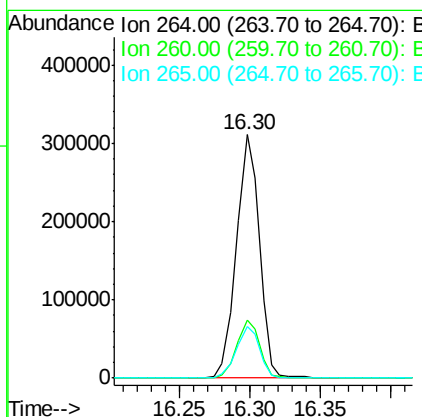
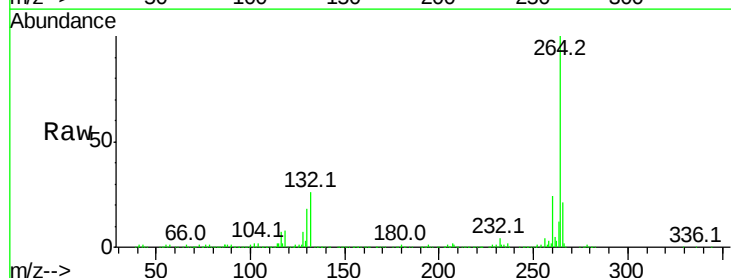
Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

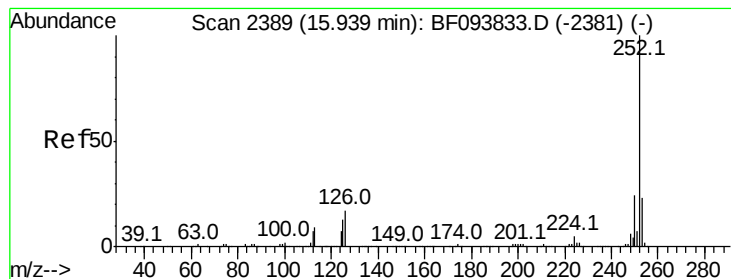
Tot Ion:276 Resp: 764305
 Ion Ratio Lower Upper
 276 100
 138 35.3 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:264 Resp: 354146
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 42.22 ng

RT: 15.89 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

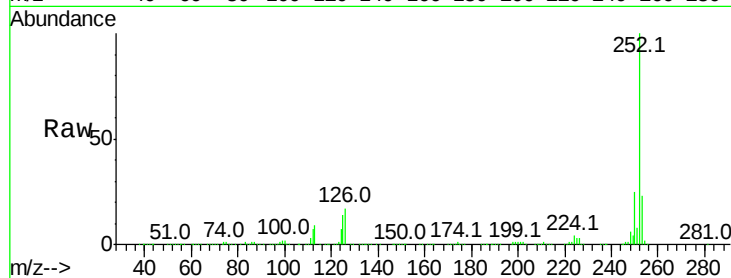
Tot Ion:252 Resp: 916524

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

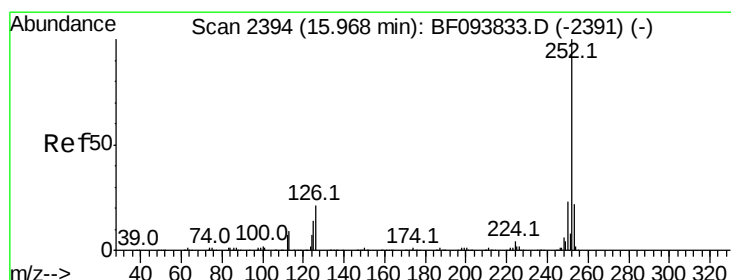
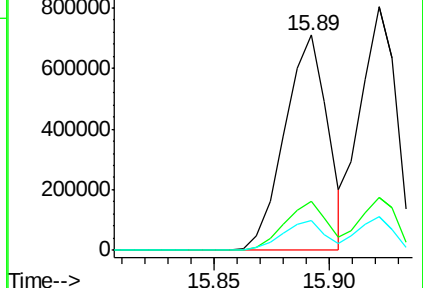
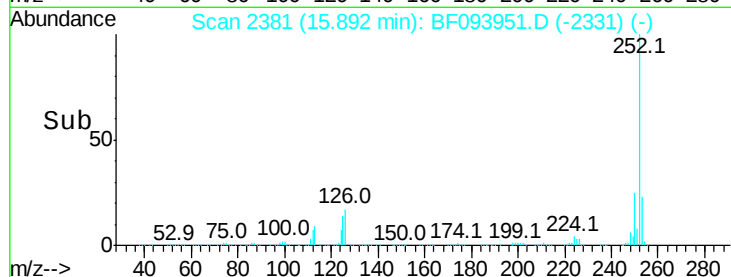
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.48 ng

RT: 15.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

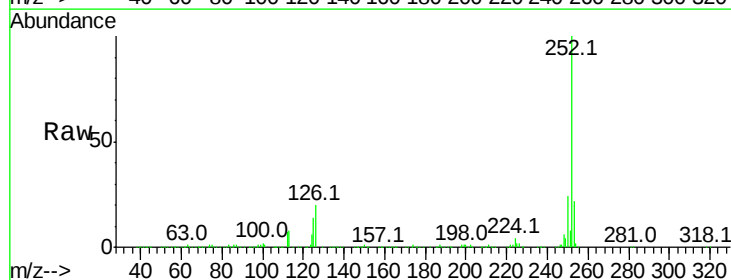
Tgt Ion:252 Resp: 881119

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

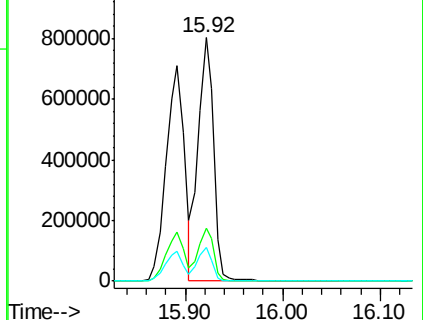
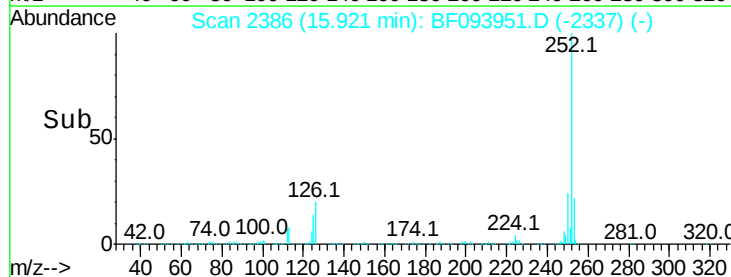
125 13.7 13.1 19.7

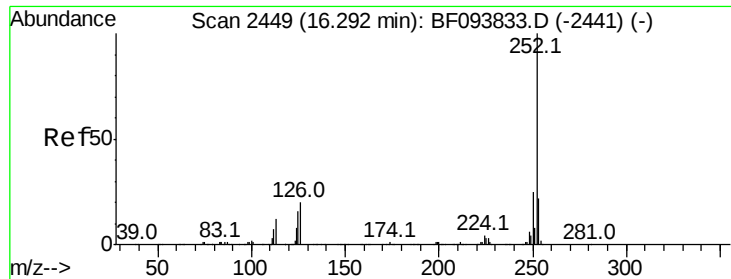


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

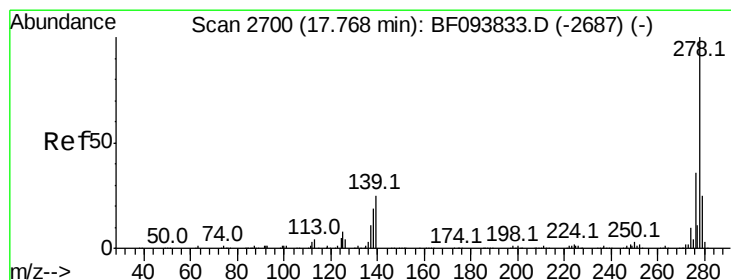
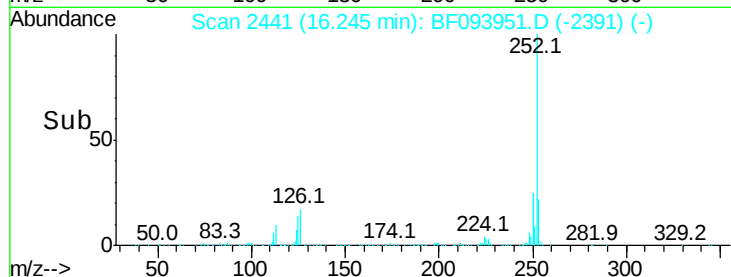
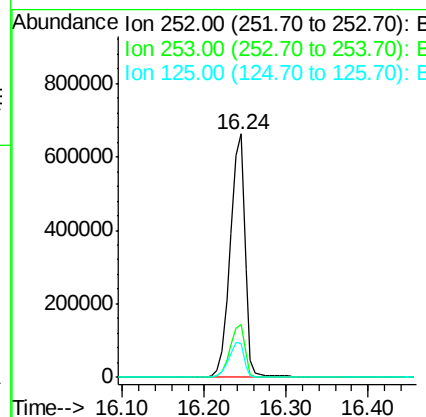
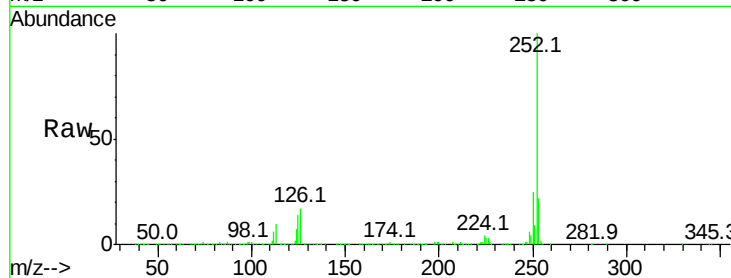




#89
Benzo(a)pyrene
Concen: 41.44 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

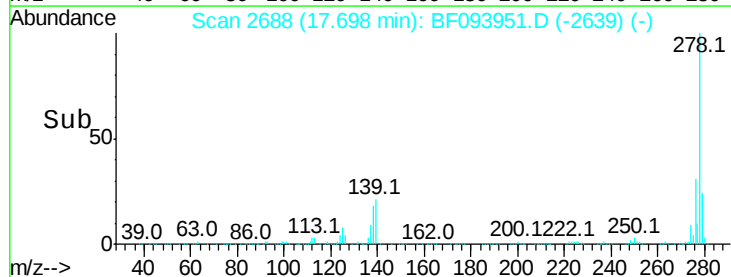
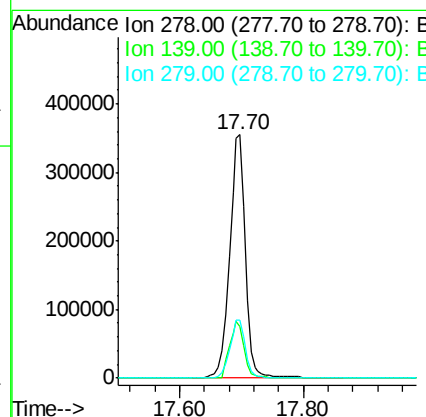
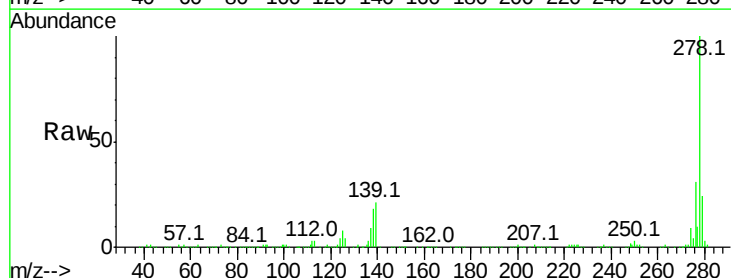
Instrument :
BNA_F
ClientSampleId :
PB97837BS

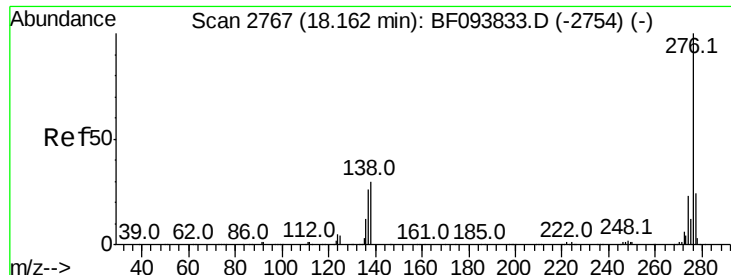
Tot Ion:252 Resp: 828449
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 13.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.18 ng
RT: 17.70 min Scan# 2688
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion:278 Resp: 629477
Ion Ratio Lower Upper
278 100
139 21.4 16.6 24.8
279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 36.11 ng

RT: 18.08 min Scan# 2753

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

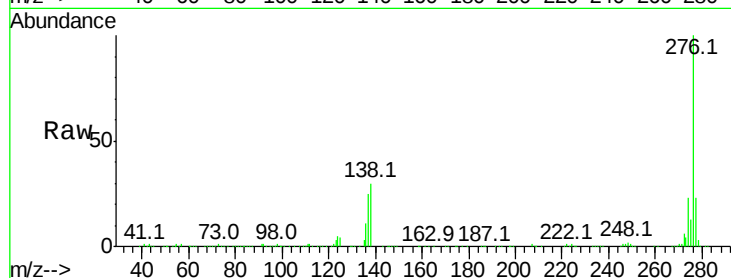
Tot Ion:276 Resp: 616169

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.6 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

