

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093977.D
 Acq On : 28 Mar 2017 7:29
 Operator : SJ/MA
 Sample : PB97833BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Quant Time: Mar 28 07:50:26 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	171886	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	693053	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	302266	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	490447	20.00	ng	0.00
75) Chrysene-d12	14.67	240	303875	20.00	ng	-0.01
86) Perylene-d12	16.30	264	276486	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	886704	87.13	ng	0.00
7) Phenol-d6	5.54	99	1114745	88.55	ng	-0.01
23) Nitrobenzene-d5	6.59	82	978005	80.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	215086	90.05	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1735245	87.56	ng	0.00
78) Terphenyl-d14	13.39	244	1187739	87.61	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	160130	32.75	ng	98
3) Pyridine	2.84	79	473819	35.56	ng	99
4) n-Nitrosodimethylamine	2.80	42	221393	40.38	ng	91
6) Aniline	5.56	93	321349	18.35	ng	# 90
8) 2-Chlorophenol	5.70	128	498448	44.56	ng	97
9) Benzaldehyde	5.43	77	83184	9.79	ng	97
10) Phenol	5.56	94	595709	41.58	ng	97
11) bis(2-Chloroethyl)ether	5.65	93	464135	41.46	ng	97
12) 1,3-Dichlorobenzene	5.87	146	513972	40.96	ng	99
13) 1,4-Dichlorobenzene	5.96	146	520440	40.95	ng	96
14) 1,2-Dichlorobenzene	6.13	146	486968	41.61	ng	97
15) Benzyl Alcohol	6.10	79	406422	44.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	647768	37.55	ng	98
17) 2-Methylphenol	6.25	107	416592	43.49	ng	97
18) Hexachloroethane	6.53	117	176519	39.52	ng	# 84
19) n-Nitroso-di-n-propylamine	6.43	70	328952	40.65	ng	97
20) 3+4-Methylphenols	6.43	107	512284	44.15	ng	# 64
22) Acetophenone	6.42	105	673363	43.59	ng	# 89
24) Nitrobenzene	6.61	77	498094	41.59	ng	97
25) Isophorone	6.90	82	898377	42.10	ng	95
26) 2-Nitrophenol	6.99	139	265358	46.46	ng	93
27) 2,4-Dimethylphenol	7.05	122	443637	45.08	ng	97
28) bis(2-Chloroethoxy)methane	7.16	93	578331	41.10	ng	99
29) 2,4-Dichlorophenol	7.29	162	420031	45.65	ng	99
30) 1,2,4-Trichlorobenzene	7.38	180	403164	42.54	ng	99
31) Naphthalene	7.47	128	1363892	40.93	ng	100
32) Benzoic acid	7.22	122	314331	47.98	ng	97
33) 4-Chloroaniline	7.53	127	121568	9.00	ng	# 94
34) Hexachlorobutadiene	7.63	225	204689	42.11	ng	98
35) Caprolactam	7.99	113	90965	31.00	ng	90
36) 4-Chloro-3-methylphenol	8.16	107	436195	45.36	ng	92
37) 2-Methylnaphthalene	8.32	142	937139	42.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	351879	42.55	ng	99
40) Hexachlorocyclopentadiene	8.52	237	247855	64.05	ng	98

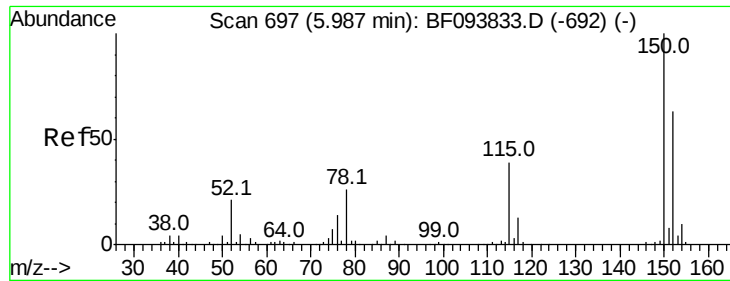
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093977.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	274665	46.95	nq	96
43) 2,4,5-Trichlorophenol	8.72	196	280066	44.24	nq	95
45) 1,1'-Biphenyl	8.89	154	1050589	43.09	nq	98
46) 2-Chloronaphthalene	8.91	162	828931	43.43	nq	# 93
47) 2-Nitroaniline	9.04	65	251474	44.42	nq	# 81
48) Acenaphthylene	9.42	152	1305088	41.15	nq	99
49) Dimethylphthalate	9.28	163	994559	46.29	nq	99
50) 2,6-Dinitrotoluene	9.35	165	217189	44.10	nq	94
51) Acenaphthene	9.63	154	765184	41.34	nq	99
52) 3-Nitroaniline	9.54	138	119478	20.66	nq	90
53) 2,4-Dinitrophenol	9.67	184	118386	46.96	nq	# 68
54) Dibenzofuran	9.85	168	1112729	44.17	nq	100
55) 4-Nitrophenol	9.78	139	350537	77.39	nq	# 69
56) 2,4-Dinitrotoluene	9.84	165	266487	43.07	nq	# 75
57) Fluorene	10.27	166	824504	39.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	203944	46.95	nq	98
59) Diethylphthalate	10.14	149	937455	44.14	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	358957	40.33	nq	88
61) 4-Nitroaniline	10.30	138	215655	38.86	nq	97
62) Azobenzene	10.47	77	889988	44.30	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	86972	28.96	nq	# 67
65) n-Nitrosodiphenylamine	10.42	169	775552	45.73	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	222465	46.12	nq	95
67) Hexachlorobenzene	10.94	284	221300	45.32	nq	# 92
68) Atrazine	11.09	200	188085	37.02	nq	98
69) Pentachlorophenol	11.19	266	222058	73.06	nq	99
70) Phenanthrene	11.44	178	1171943	42.96	nq	99
71) Anthracene	11.51	178	1202111	42.79	nq	99
72) Carbazole	11.71	167	1107555	38.45	nq	99
73) Di-n-butylphthalate	12.16	149	1383980	46.20	nq	99
74) Fluoranthene	12.91	202	1058734	37.90	nq	97
76) Benzidine	13.07	184	260241	21.64	nq	# 93
77) Pyrene	13.19	202	1024352	46.45	nq	98
79) Butylbenzylphthalate	14.00	149	502226	53.45	nq	# 85
80) Benzo(a)anthracene	14.65	228	772453	43.59	nq	98
81) 3,3'-Dichlorobenzidine	14.63	252	225089	35.54	nq	# 97
82) Chrysene	14.70	228	694473	42.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	677616	52.86	nq	# 100
84) Di-n-octyl phthalate	15.47	149	1048633	48.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	681775	47.87	nq	100
87) Benzo(b)fluoranthene	15.89	252	754241	44.50	nq	99
88) Benzo(k)fluoranthene	15.89	252	754241	45.49	nq	97
89) Benzo(a)pyrene	16.24	252	685492	43.92	nq	99
90) Dibenzo(a,h)anthracene	17.69	278	578568	43.77	nq	97
91) Benzo(g,h,i)perylene	18.07	276	537943	40.39	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

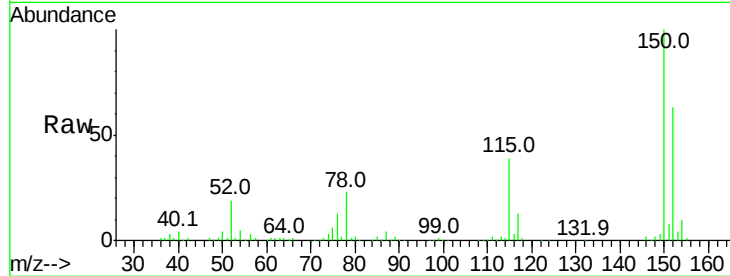
Tot Ion:152 Resp: 171886

Ion Ratio Lower Upper

152 100

150 159.6 126.2 189.2

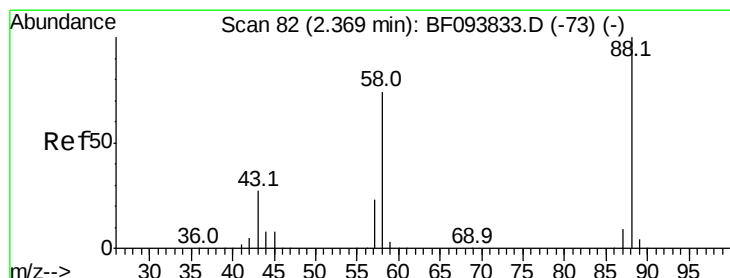
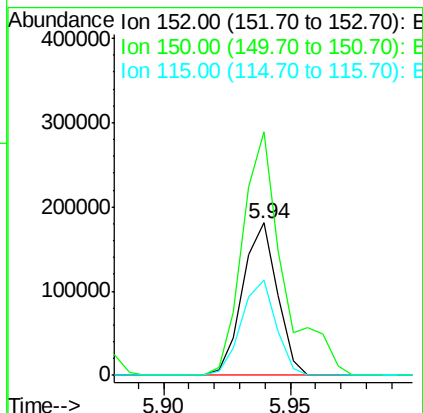
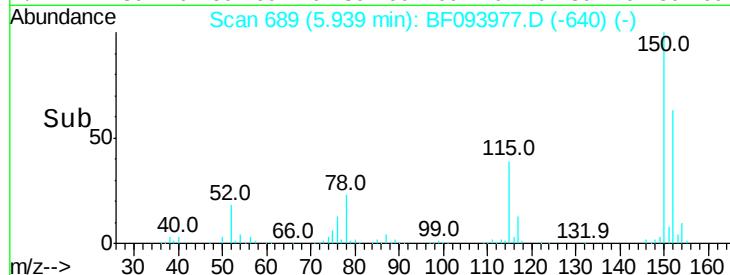
115 62.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.75 ng

RT: 2.37 min Scan# 82

Delta R.T. 0.05 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

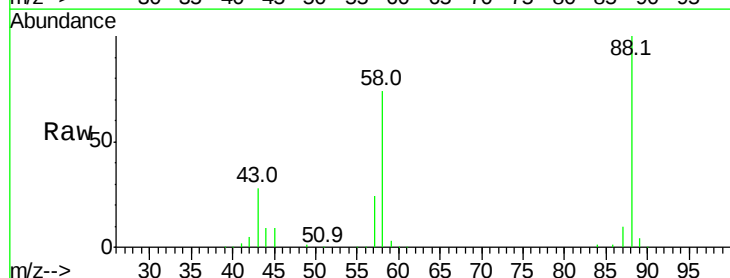
Tgt Ion: 88 Resp: 160130

Ion Ratio Lower Upper

88 100

58 74.3 61.4 92.0

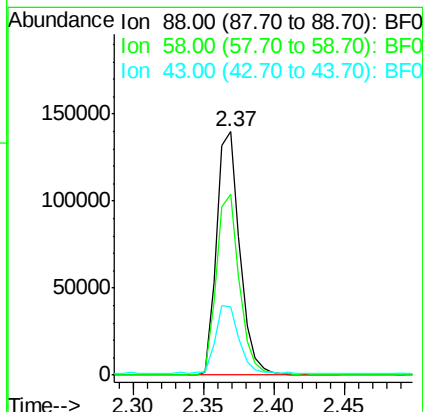
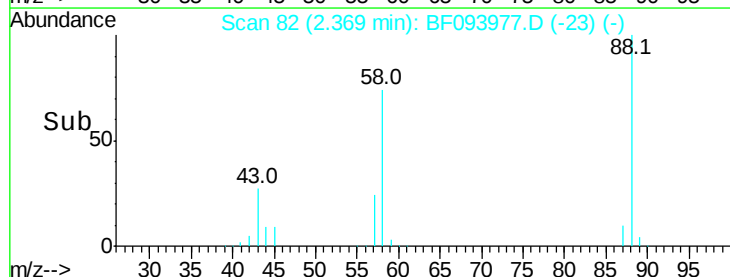
43 28.5 23.4 35.0

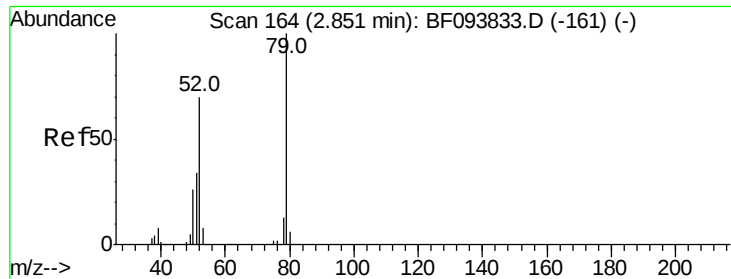


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.56 ng

RT: 2.84 min Scan# 162

Delta R.T. 0.03 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

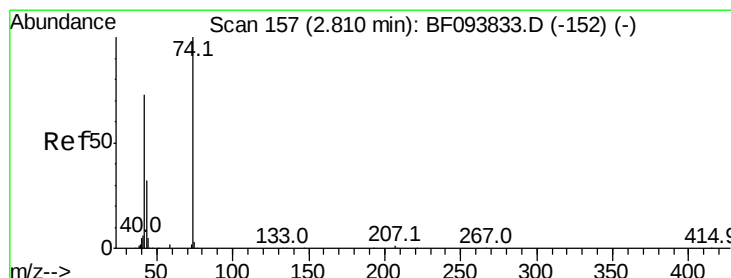
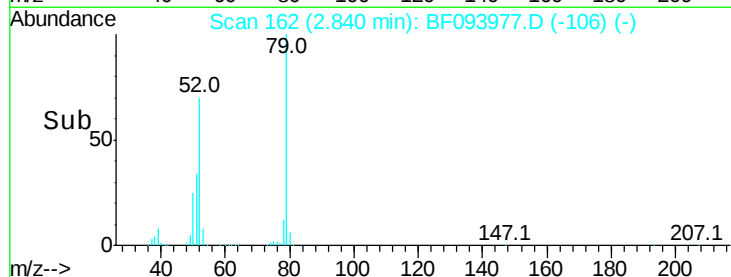
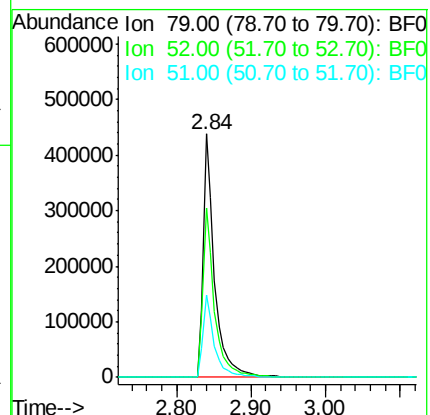
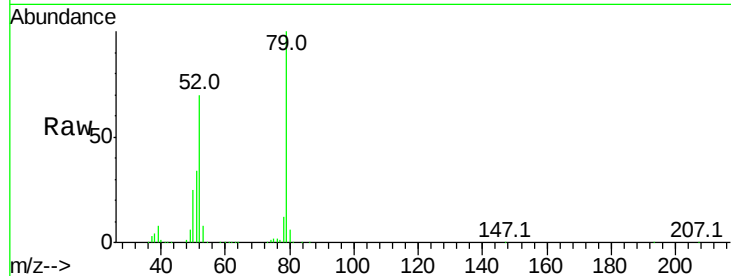
Tot Ion: 79 Resp: 473819

Ion Ratio Lower Upper

79 100

52 69.6 54.8 82.2

51 33.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.38 ng

RT: 2.80 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

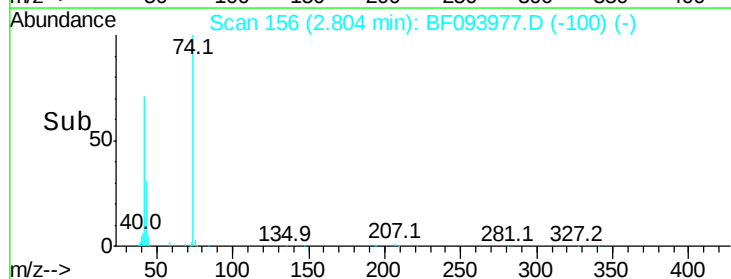
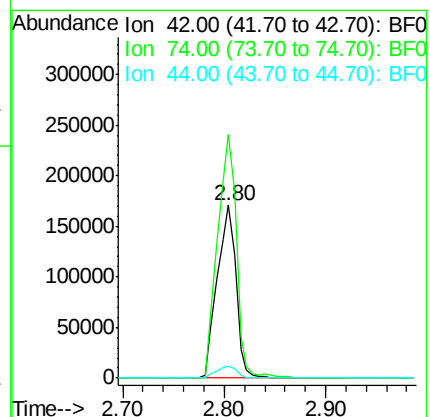
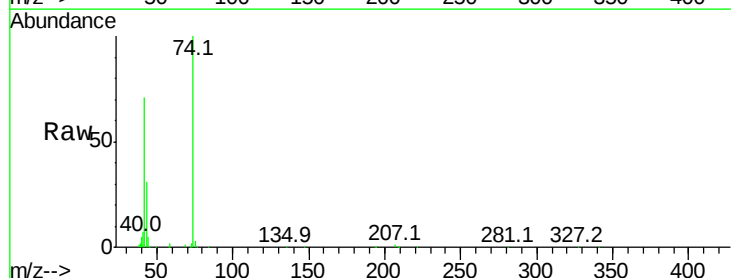
Tgt Ion: 42 Resp: 221393

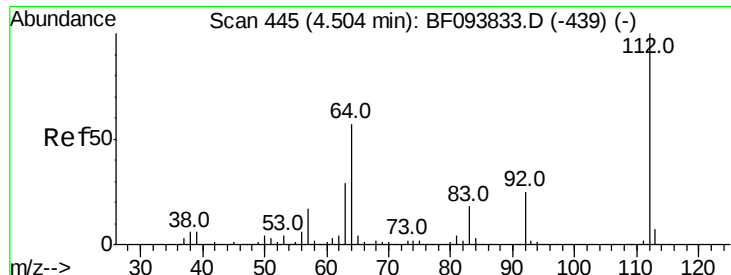
Ion Ratio Lower Upper

42 100

74 140.8 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 87.13 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

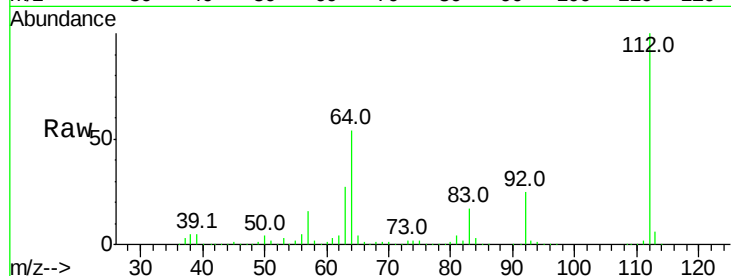
Tot Ion:112 Resp: 886704

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

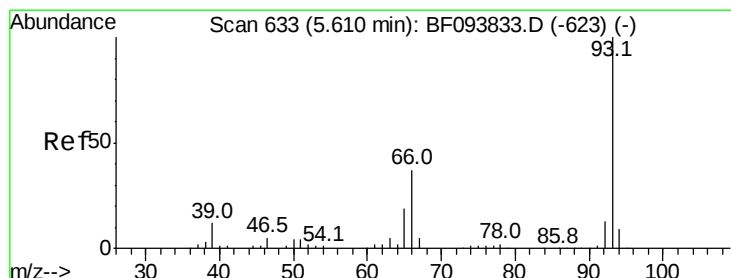
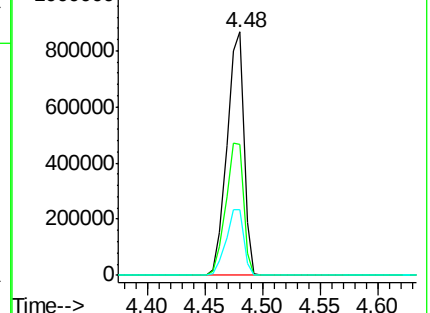
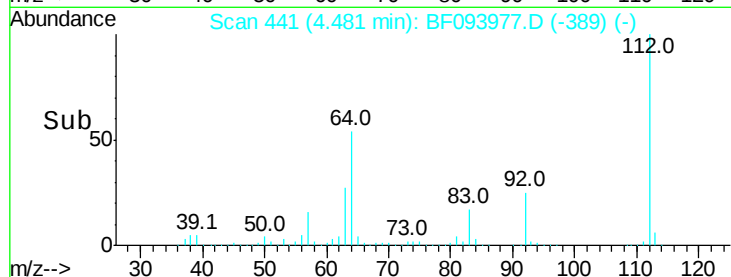
63 26.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.35 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

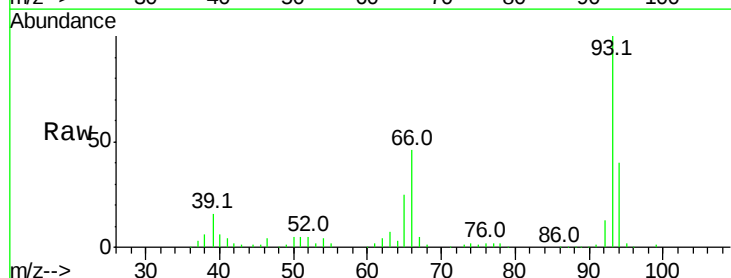
Tgt Ion: 93 Resp: 321349

Ion Ratio Lower Upper

93 100

66 46.5 32.9 49.3

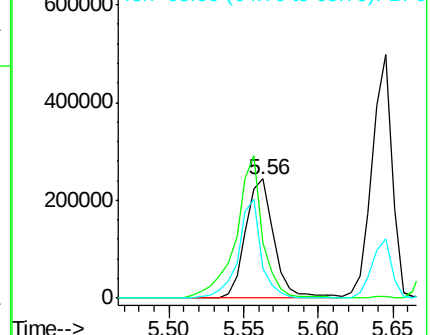
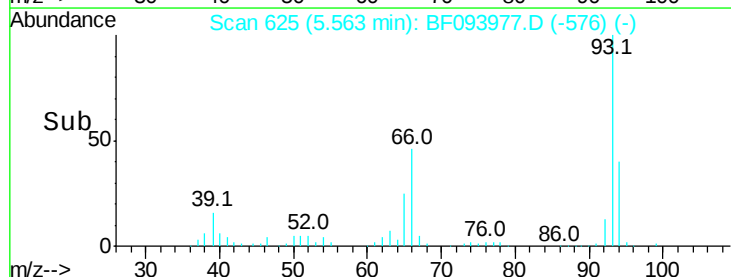
65 25.3 16.0 24.0#

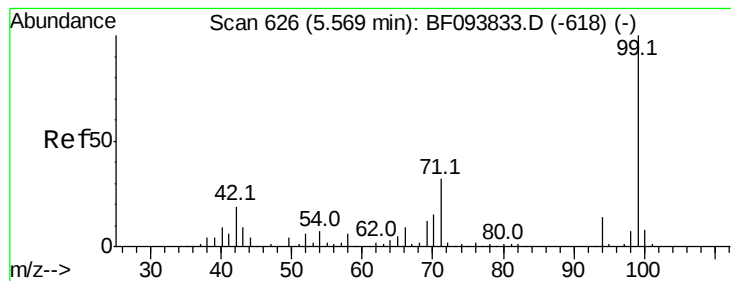


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.55 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

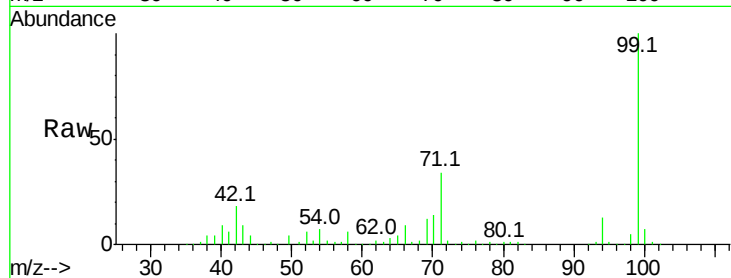
BNA_F

ClientSampleId :

PB97833BSD

Tot Ion: 99 Resp: 1114745

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.6	24.5	36.7

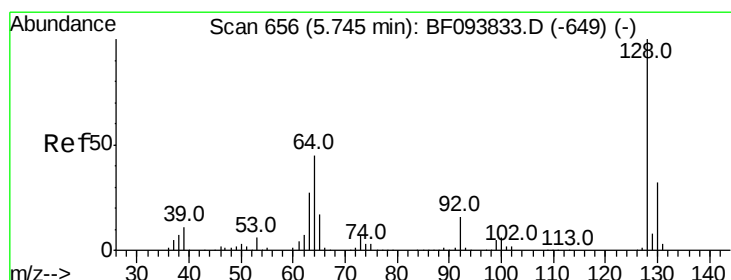
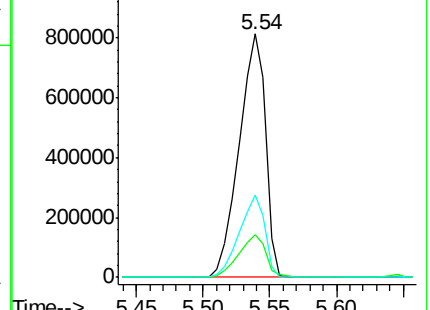
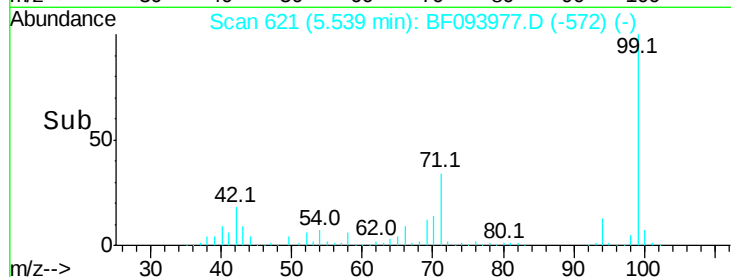


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.56 ng

RT: 5.70 min Scan# 649

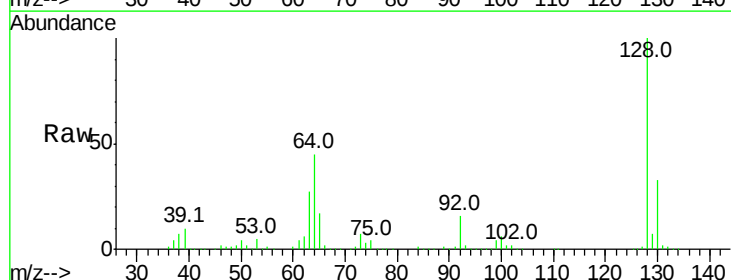
Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion: 128 Resp: 498448

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	44.5	28.4	68.4

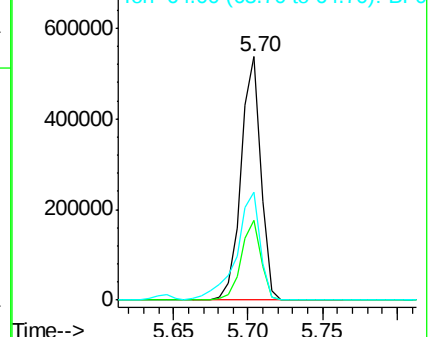
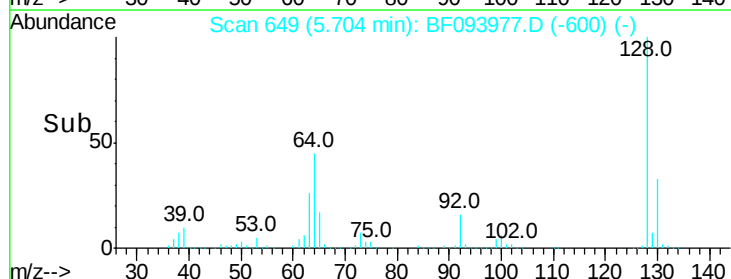


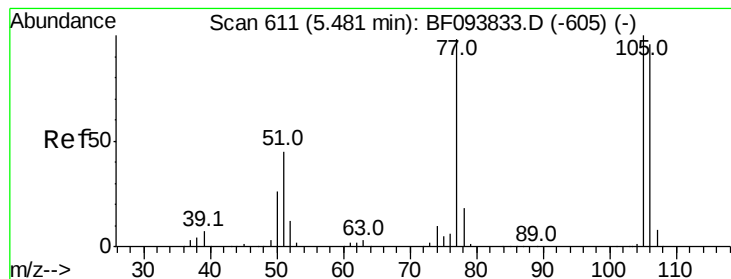
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.79 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

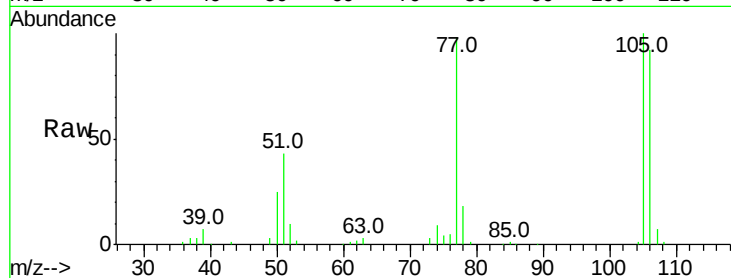
Tot Ion: 77 Resp: 83184

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

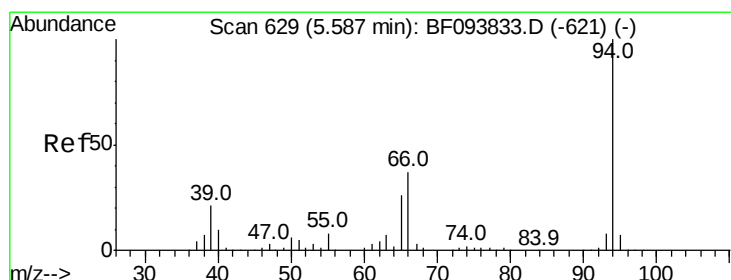
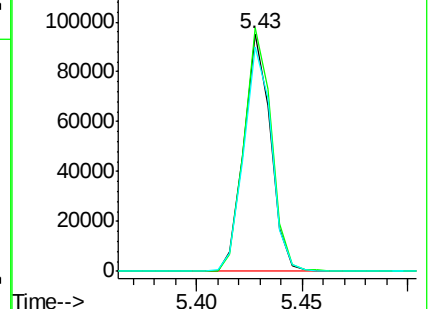
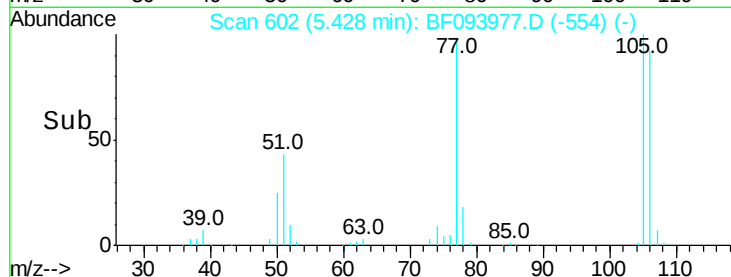
106 94.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.58 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

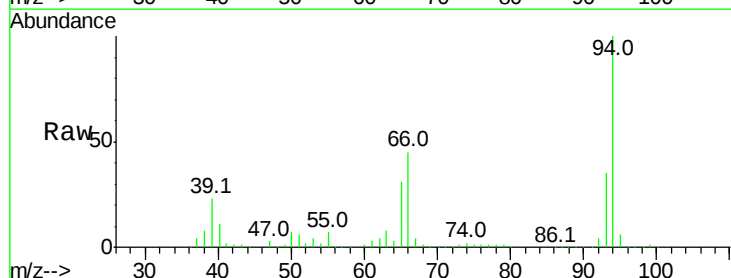
Tgt Ion: 94 Resp: 595709

Ion Ratio Lower Upper

94 100

65 31.3 9.9 49.9

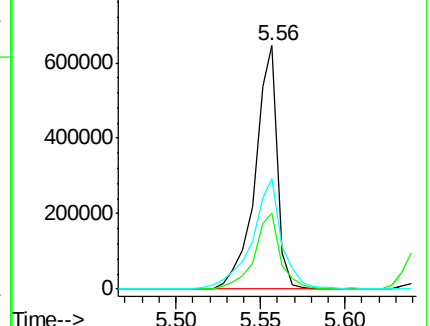
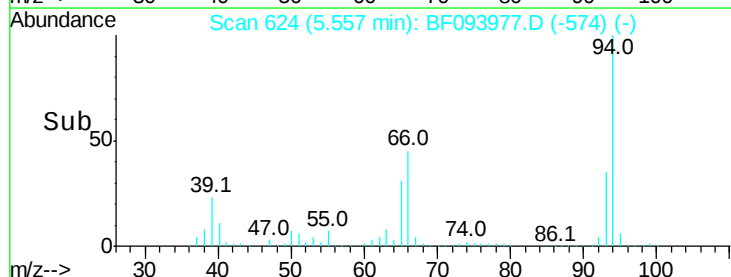
66 45.3 23.1 63.1



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

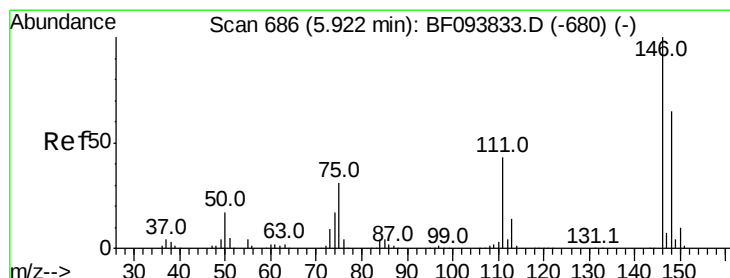
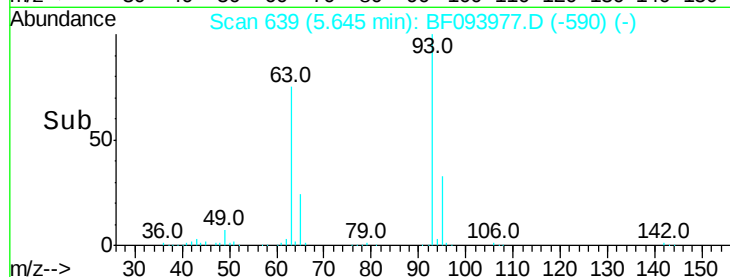
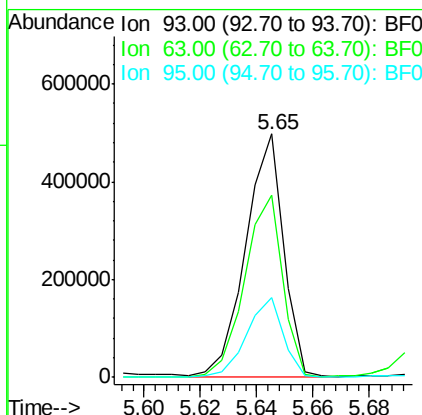
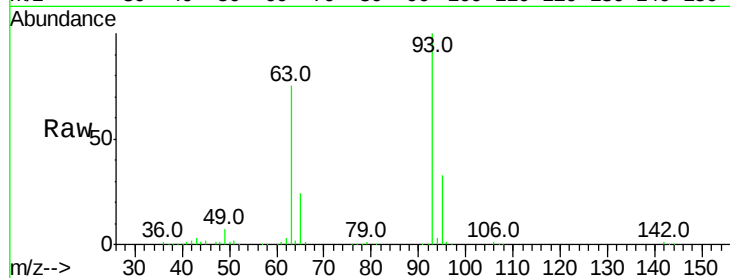




#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 5.65 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

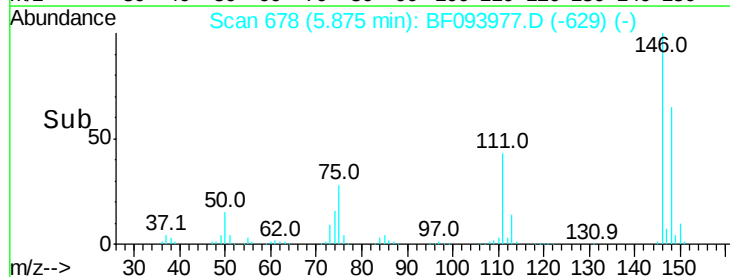
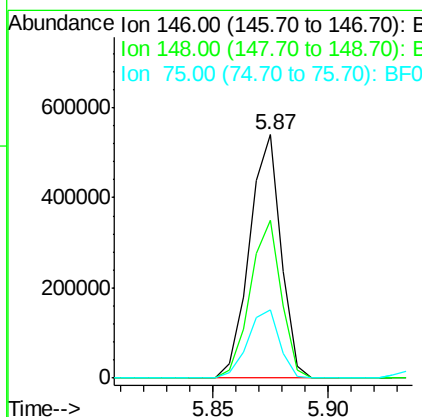
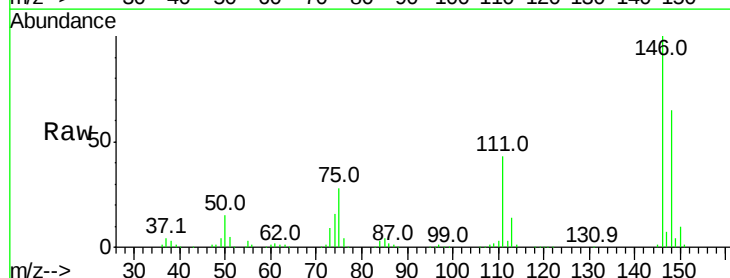
Instrument :
BNA_F
ClientSampleId :
PB97833BSD

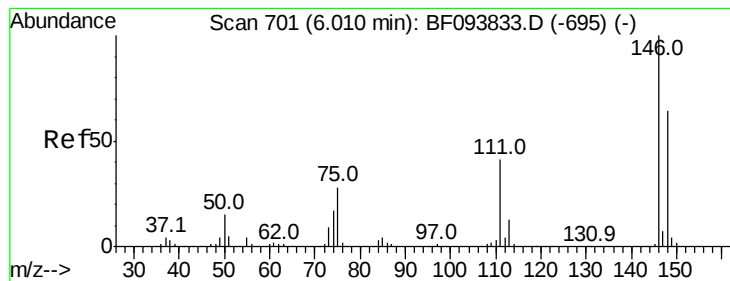
Tot Ion: 93 Resp: 464135
Ion Ratio Lower Upper
93 100
63 75.1 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.96 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion: 146 Resp: 513972
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
75 28.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.95 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

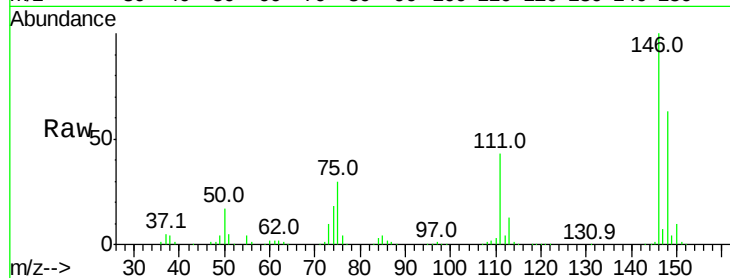
Tot Ion:146 Resp: 520440

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

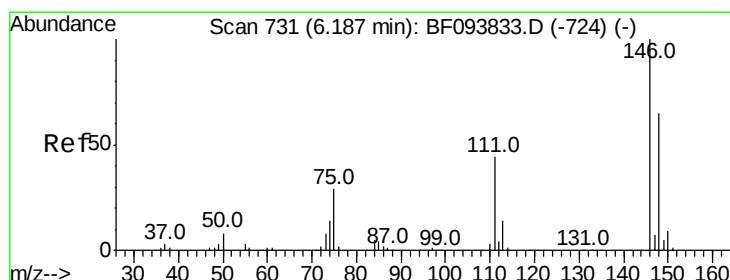
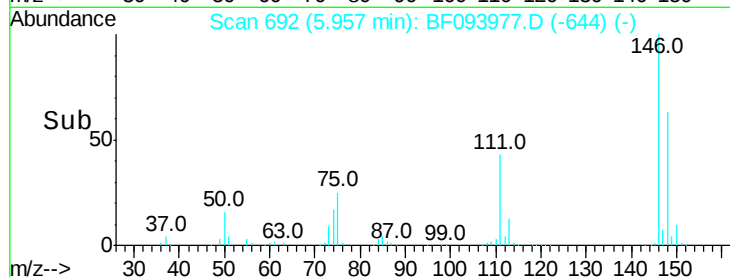
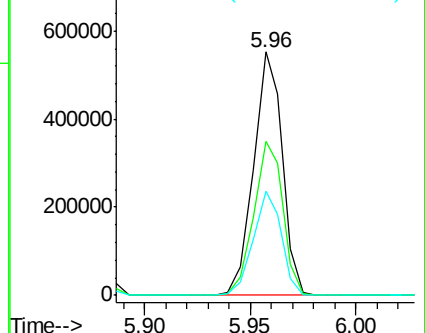
111 42.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.61 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

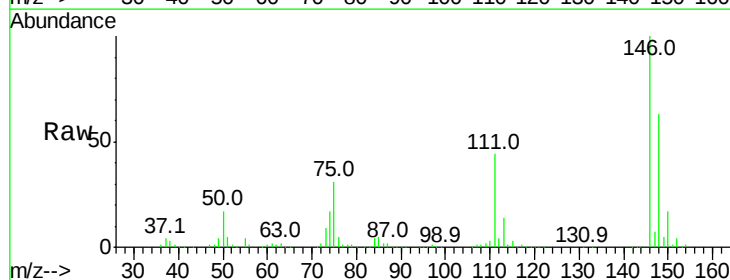
Tgt Ion:146 Resp: 486968

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

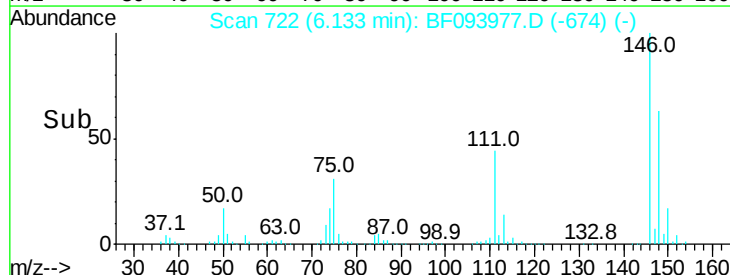
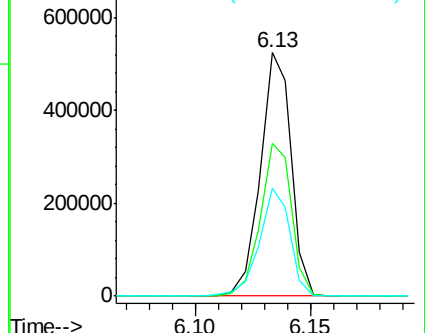
111 44.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.11 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

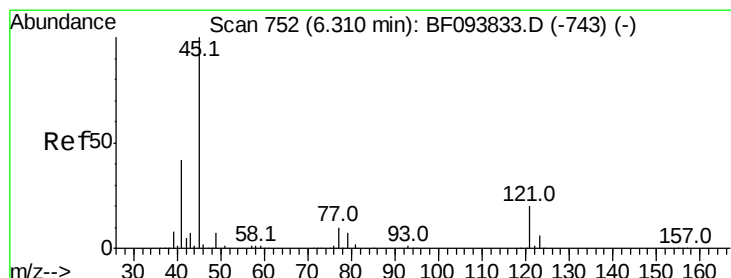
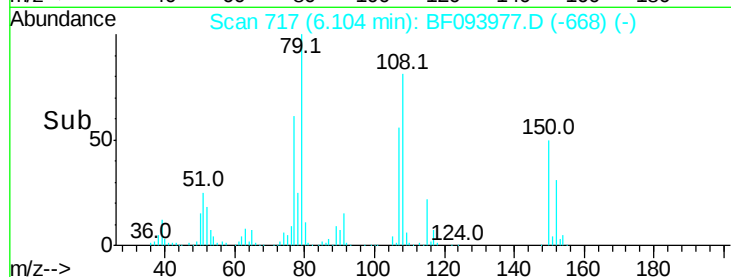
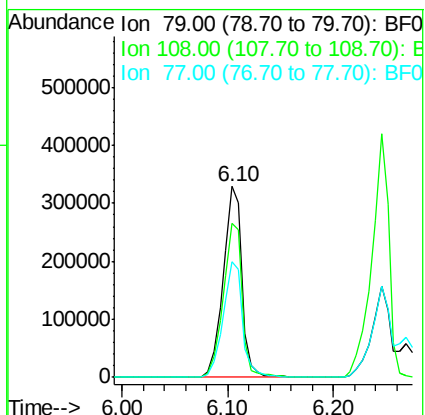
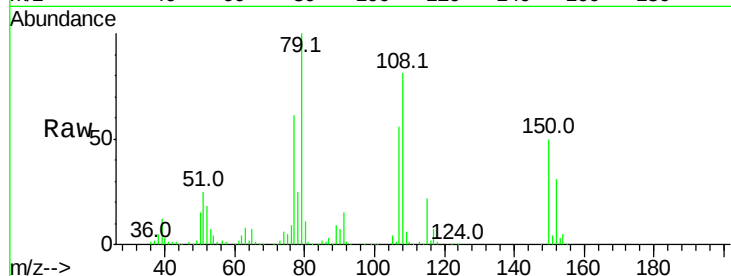
Tot Ion: 79 Resp: 406422

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.55 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

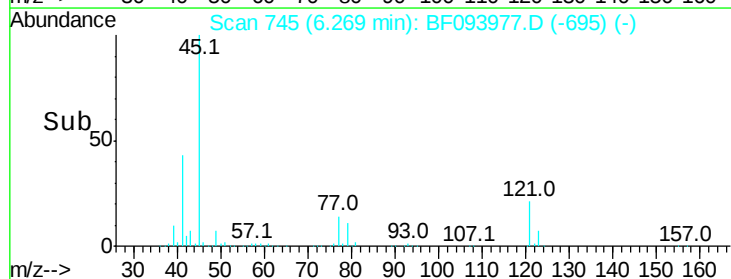
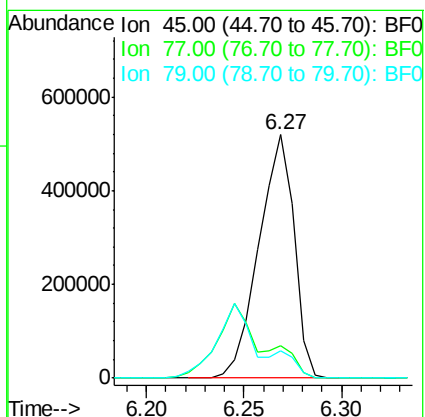
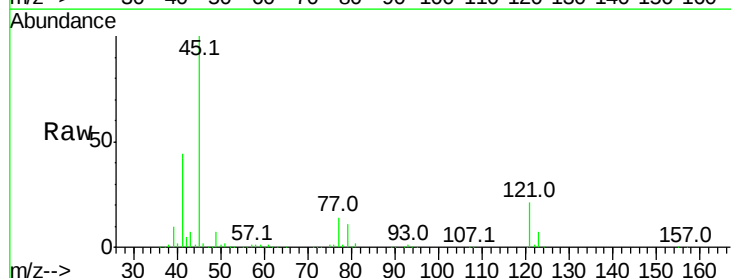
Tgt Ion: 45 Resp: 647768

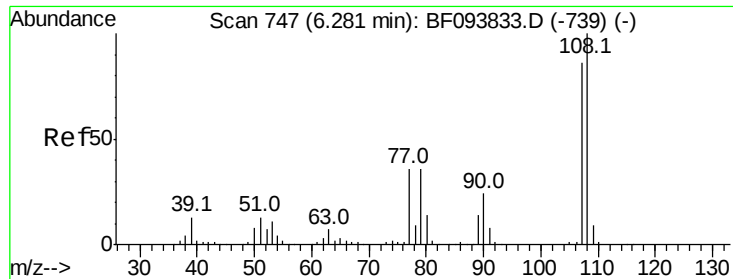
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

79 11.1 0.0 30.0

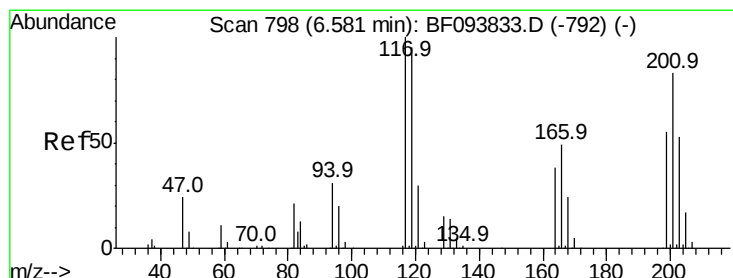
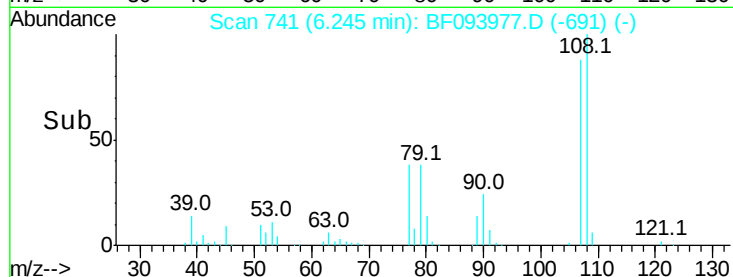
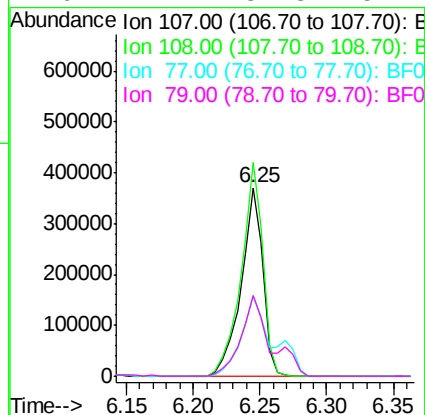
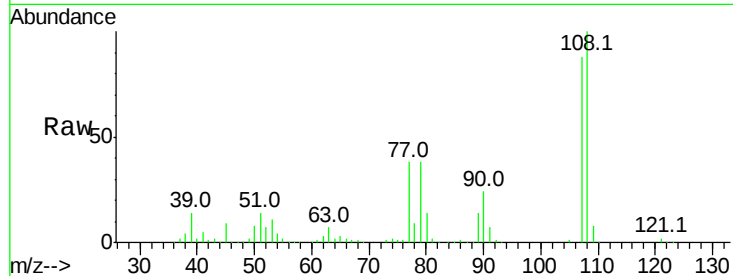




#17
2-Methylphenol
Concen: 43.49 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

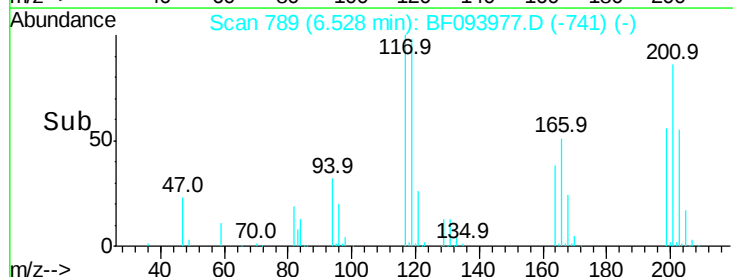
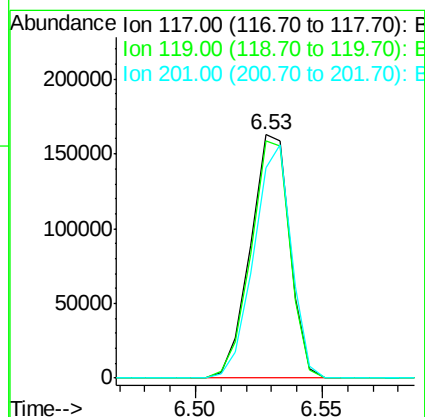
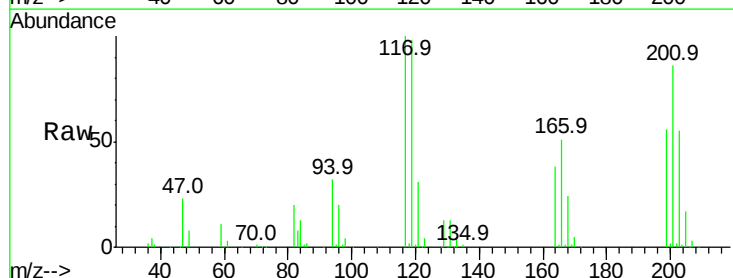
Instrument :
BNA_F
ClientSampleId :
PB97833BSD

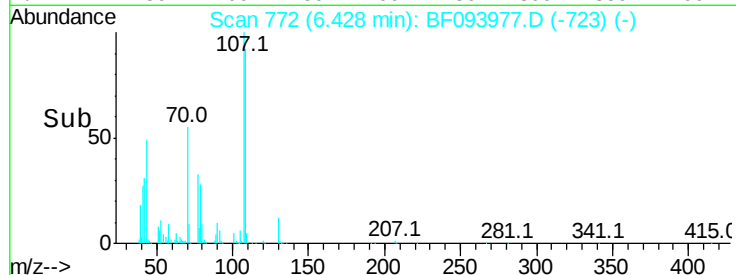
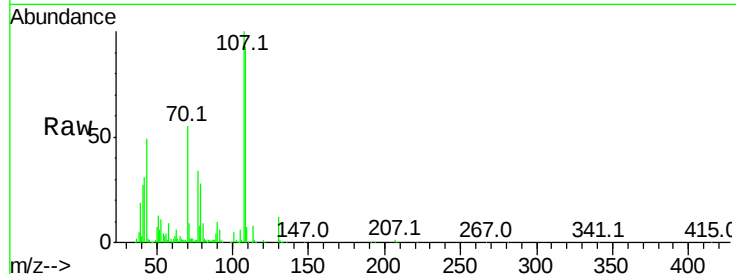
Tot Ion:107 Resp: 416592
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.0
77 42.8 35.8 53.6
79 42.7 34.8 52.2



#18
Hexachloroethane
Concen: 39.52 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion:117 Resp: 176519
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0
201 86.2 94.6 141.8#

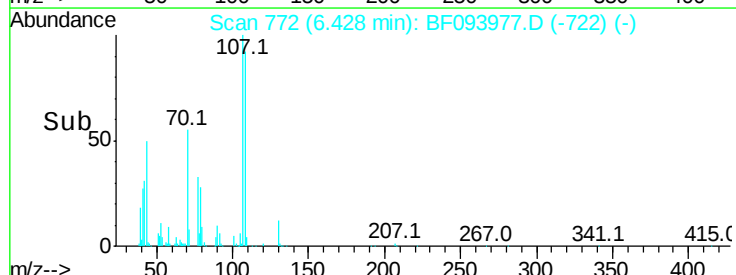
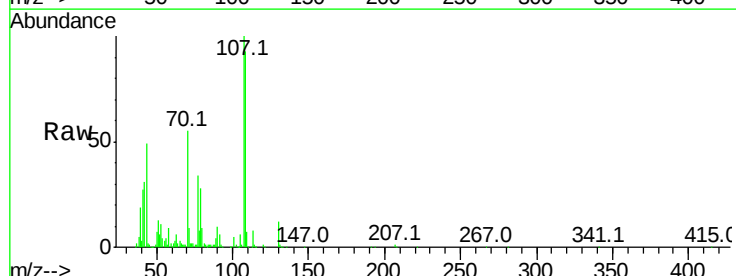
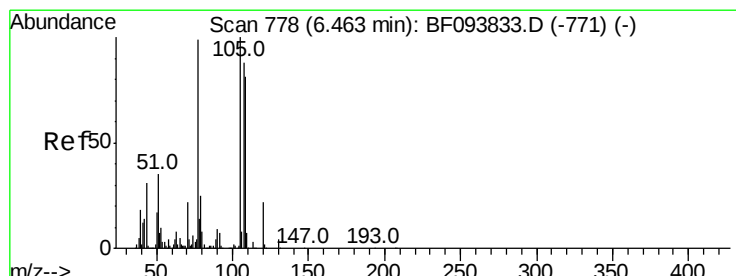
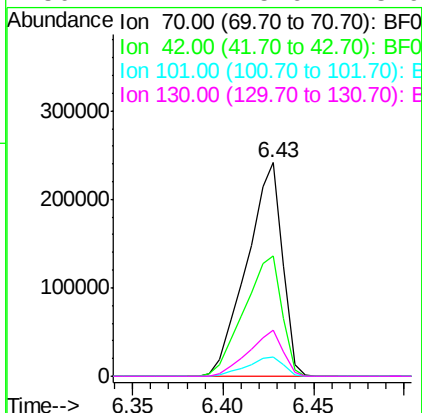




#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

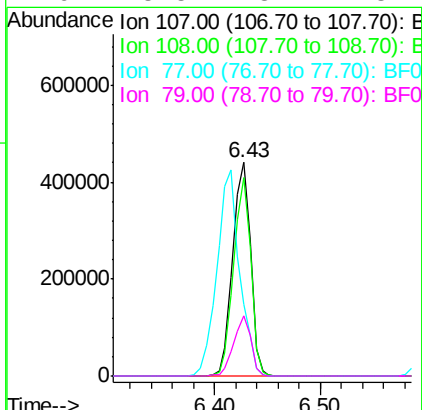
Instrument :
BNA_F
ClientSampleId :
PB97833BSD

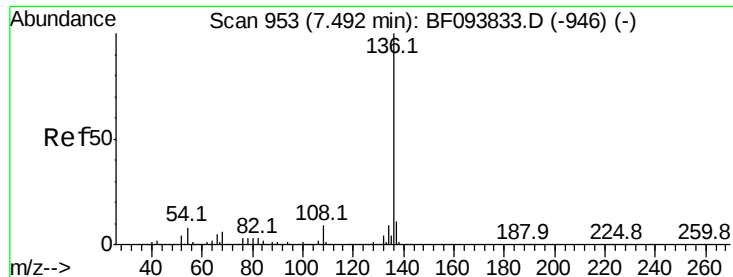
Tot Ion:	70	Resp:	328952
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.2	70.8
101	9.2	7.2	10.8
130	21.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.15 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion:	107	Resp:	512284
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	33.6	90.5	130.5#
79	28.5	8.4	48.4

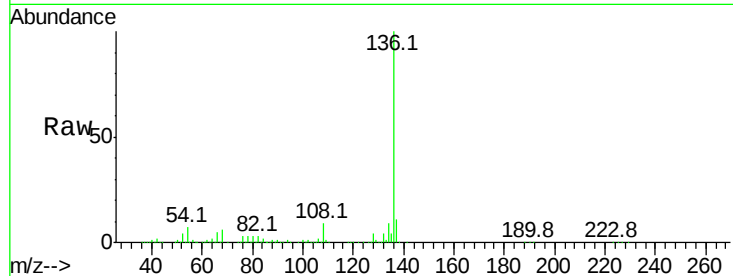




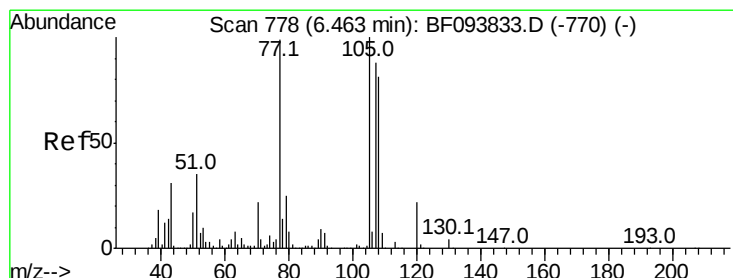
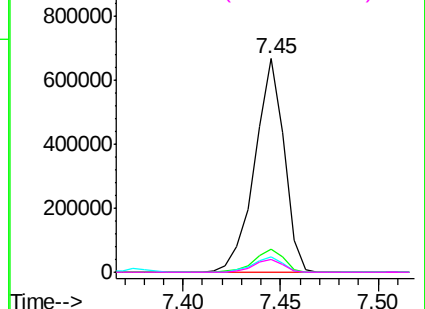
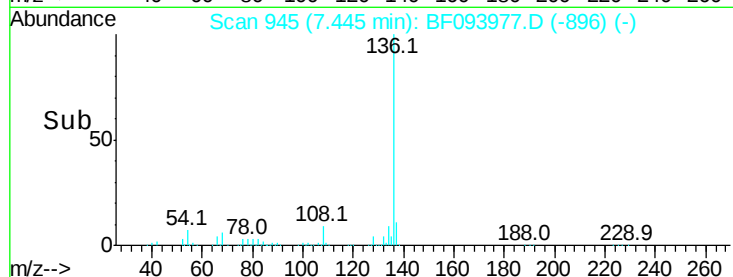
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion:136	Resp: 693053
Ion Ratio	Lower Upper
136 100	
137 10.7	8.5 12.7
54 7.0	4.9 7.3
68 5.8	4.1 6.1

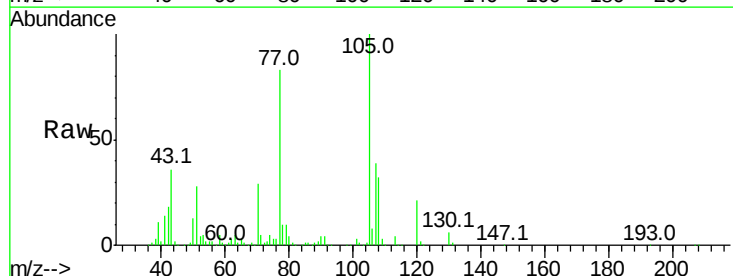


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

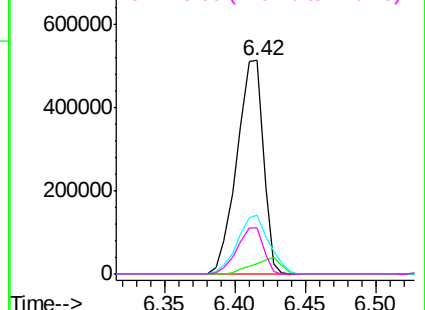
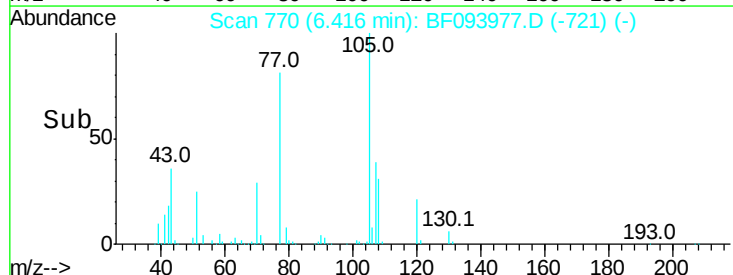


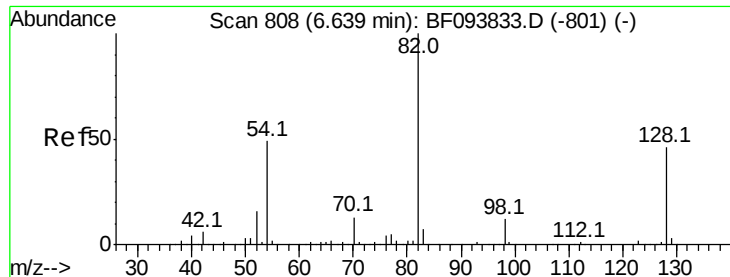
#22
Acetophenone
Concen: 43.59 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion:105	Resp: 673363
Ion Ratio	Lower Upper
105 100	
71 4.6	2.8 4.2#
51 27.8	30.7 46.1#
120 21.4	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

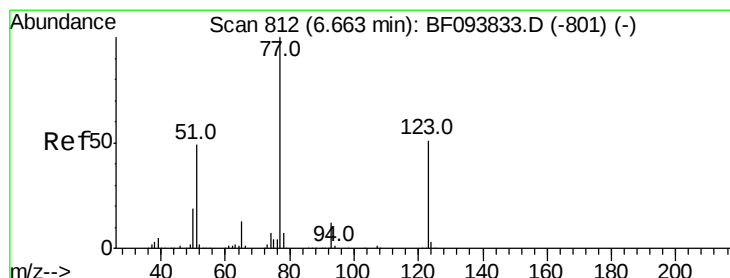
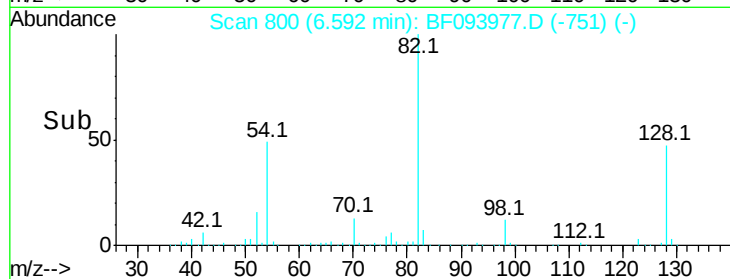
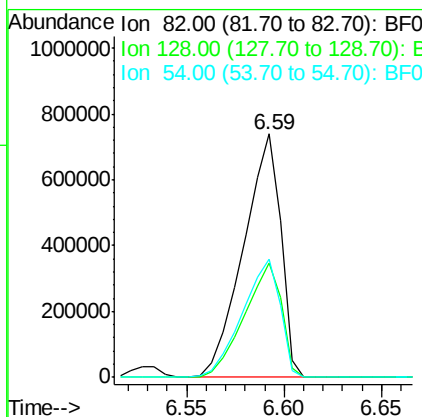
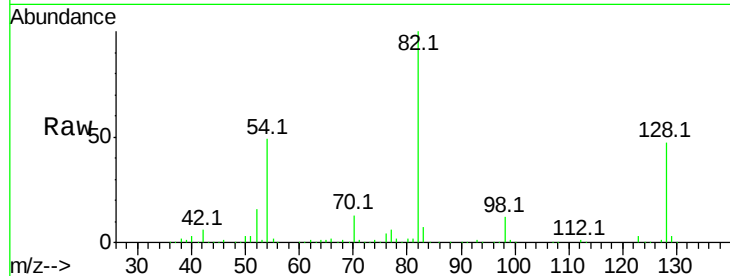




#23
 Nitrobenzene-d5
 Concen: 80.53 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

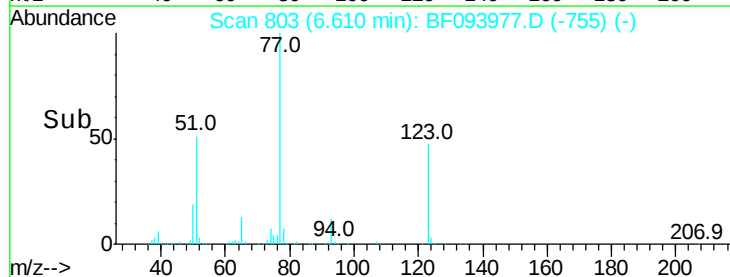
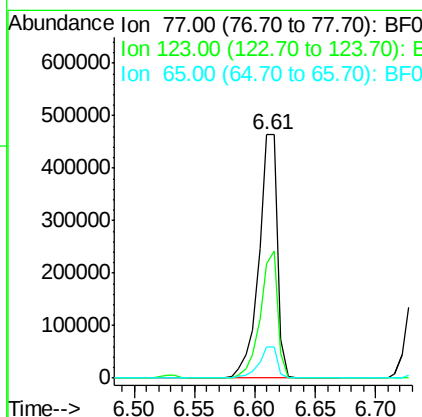
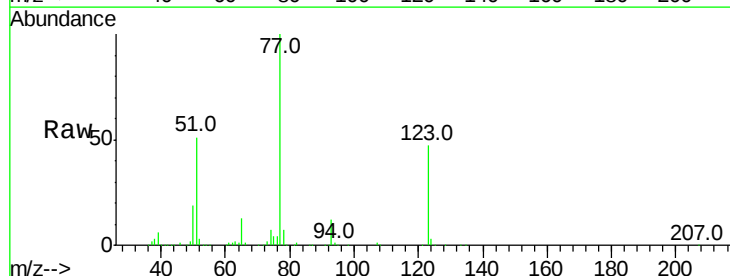
Instrument :
 BNA_F
 ClientSampleID :
 PB97833BSD

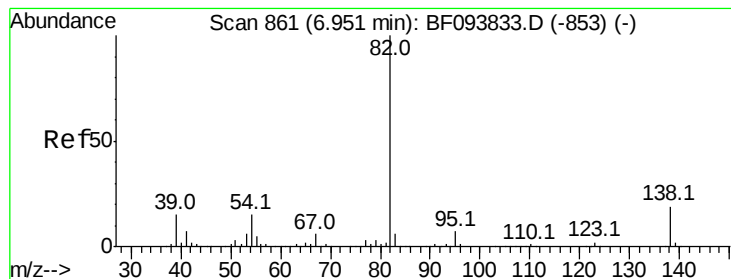
Tot Ion	82	Resp	978005
Ion Ratio	100	Lower	Upper
128	46.9	34.0	51.0
54	48.6	42.2	63.2



#24
 Nitrobenzene
 Concen: 41.59 ng
 RT: 6.61 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	77	Resp	498094
Ion Ratio	100	Lower	Upper
123	46.9	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 42.10 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

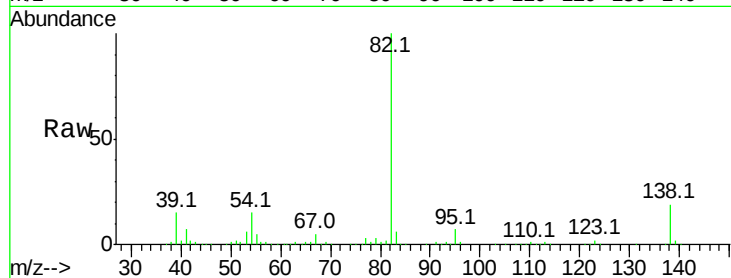
Tot Ion: 82 Resp: 898377

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

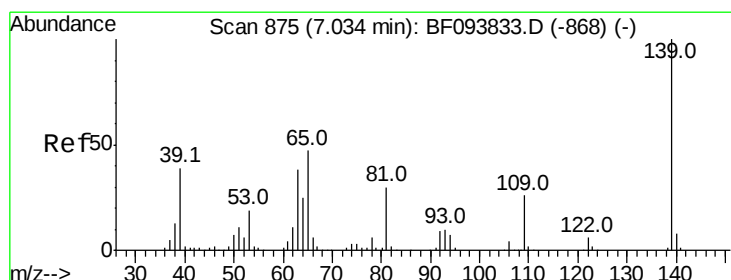
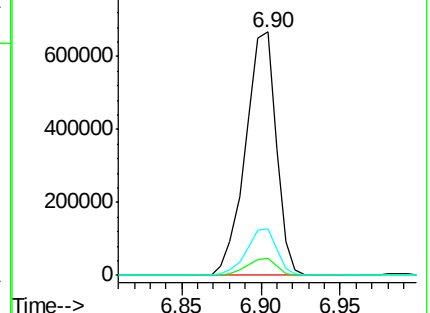
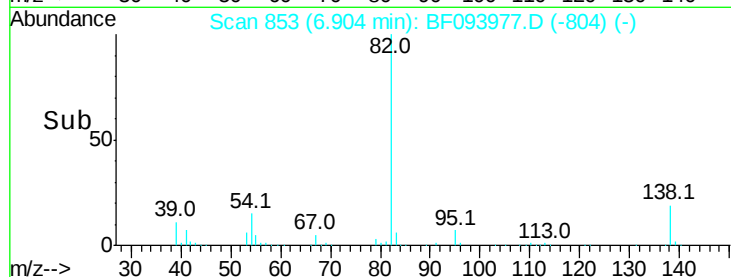
138 19.2 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.46 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

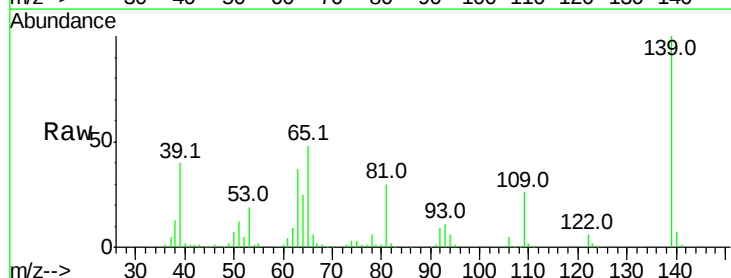
Tgt Ion:139 Resp: 265358

Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

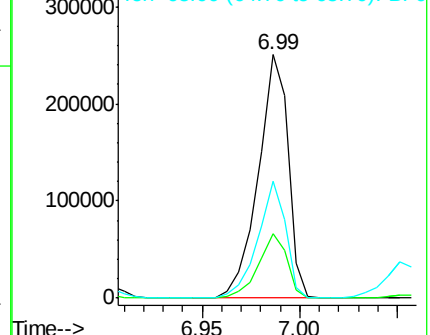
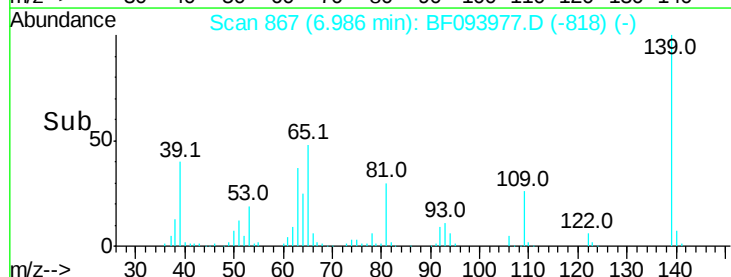
65 48.1 33.0 49.6

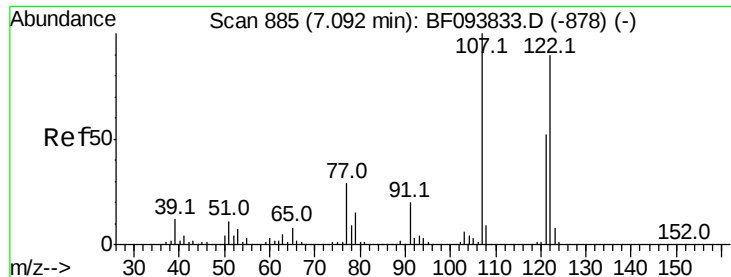


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

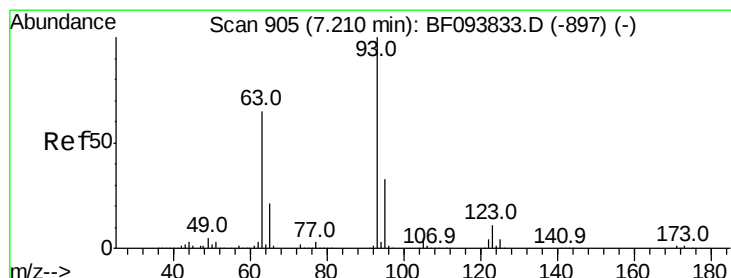
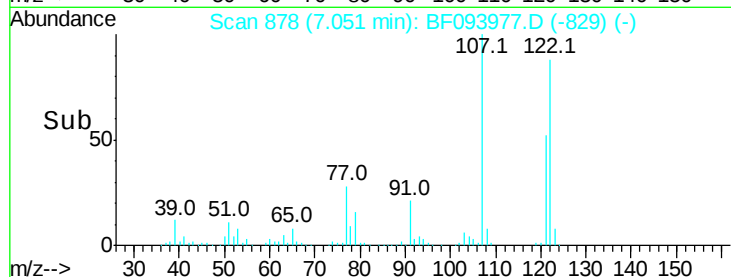
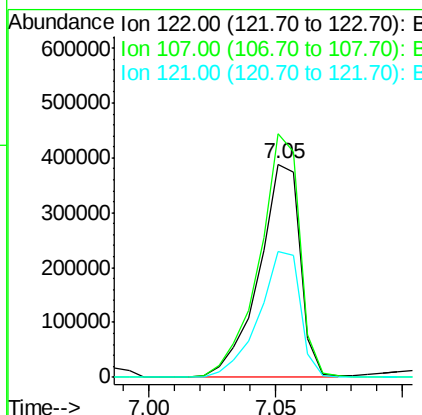
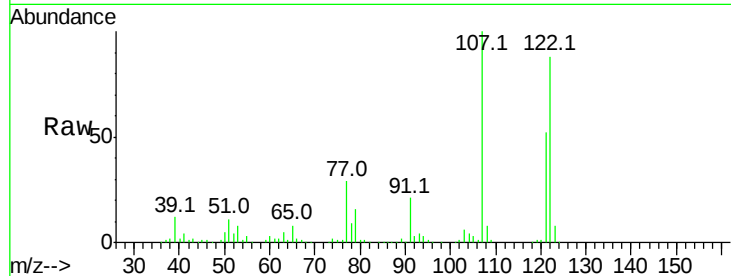




#27
 2,4-Dimethylphenol
 Concen: 45.08 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

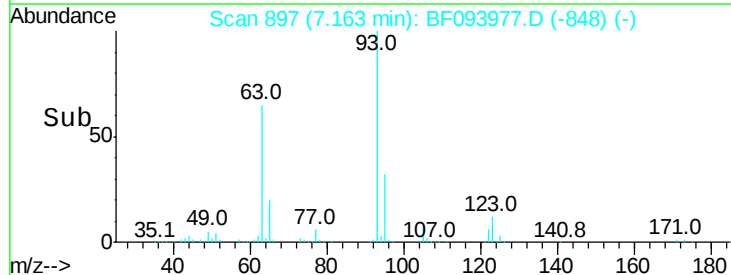
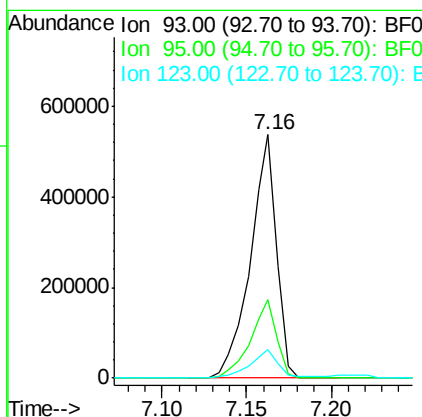
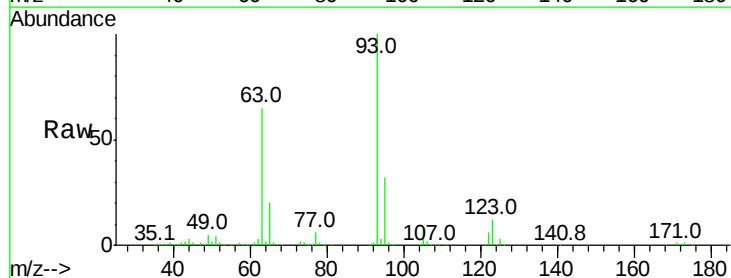
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

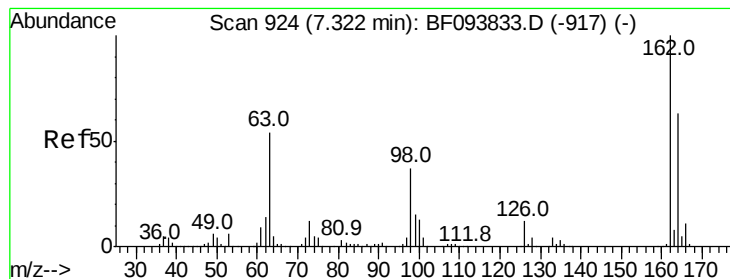
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.2	133.8
121	58.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.10 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.7	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 45.65 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

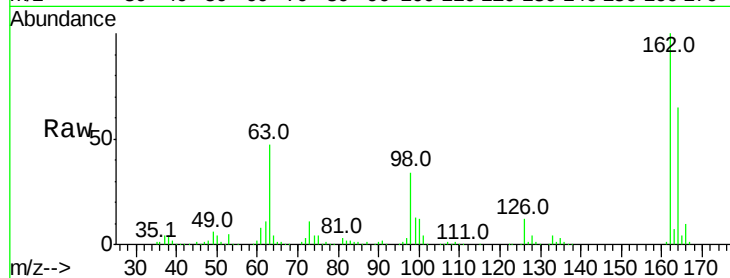
Tot Ion:162 Resp: 420031

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

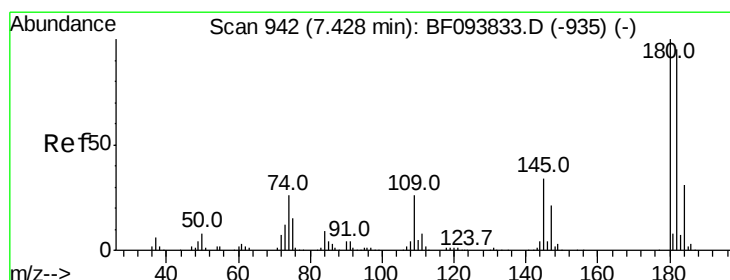
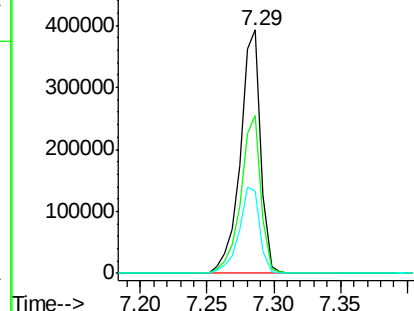
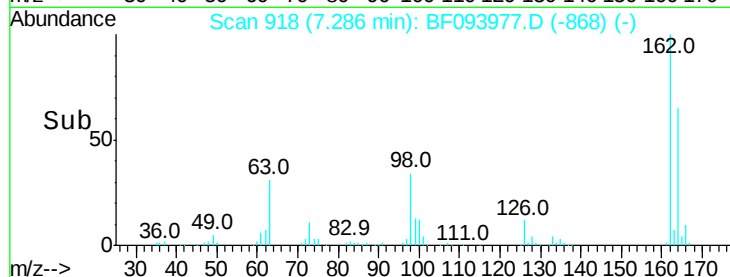
98 33.8 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.54 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

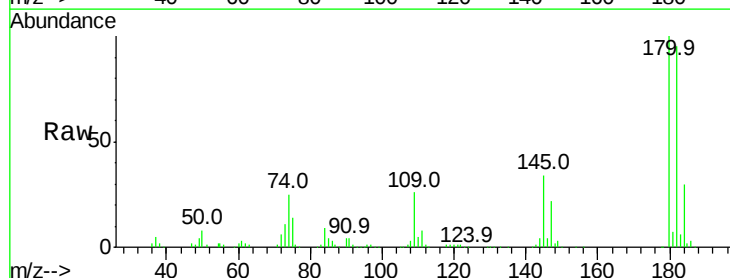
Tgt Ion:180 Resp: 403164

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.6

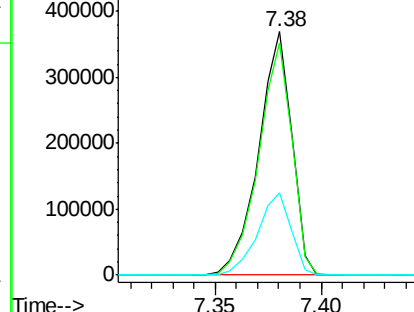
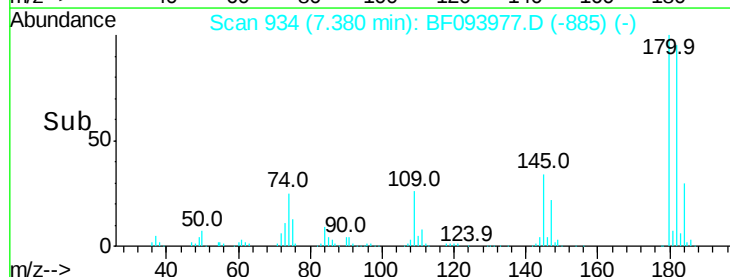
145 33.9 25.3 37.9

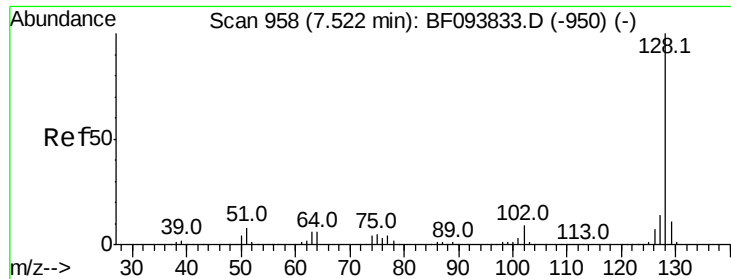


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

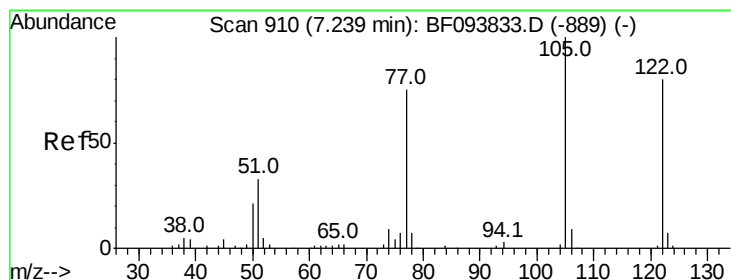
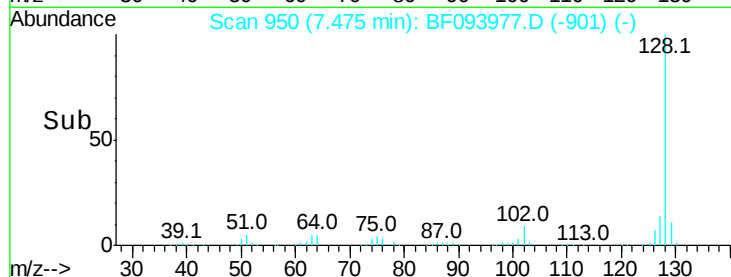
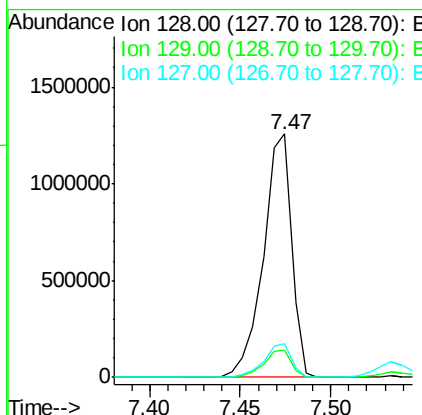
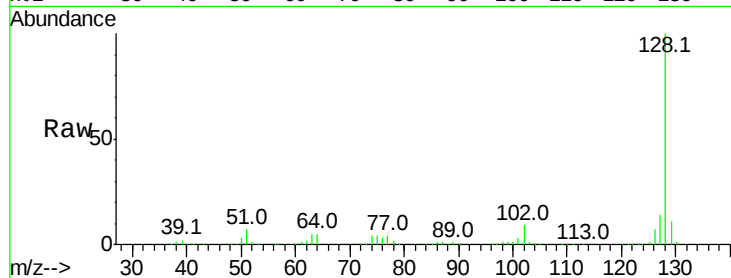




#31
Naphthalene
Concen: 40.93 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

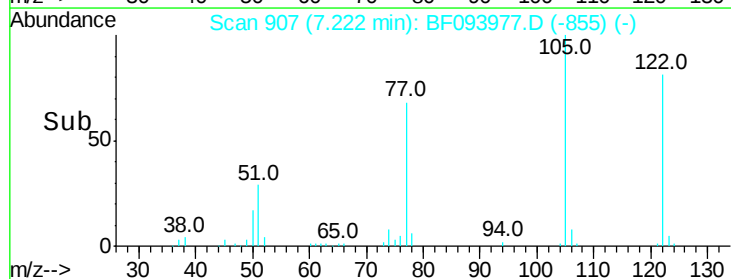
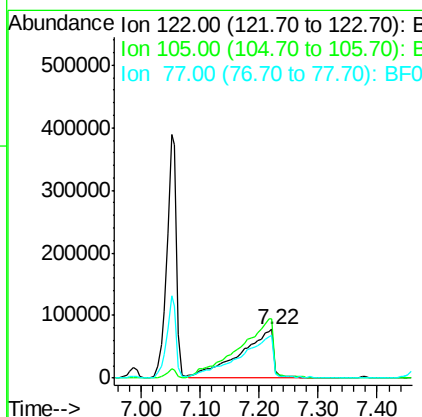
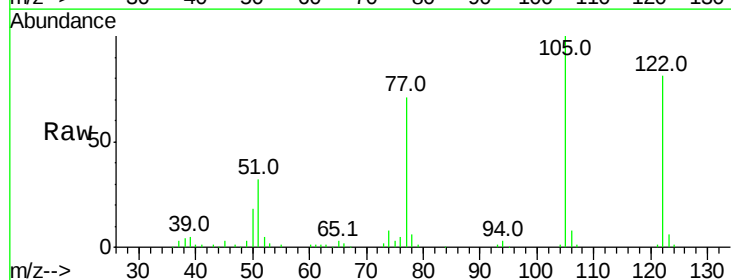
Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion:128 Resp: 1363892
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 47.98 ng
RT: 7.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion:122 Resp: 314331
Ion Ratio Lower Upper
122 100
105 123.3 103.3 143.3
77 87.5 73.7 113.7





#33

4-Chloroaniline

Concen: 9.00 ng

RT: 7.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

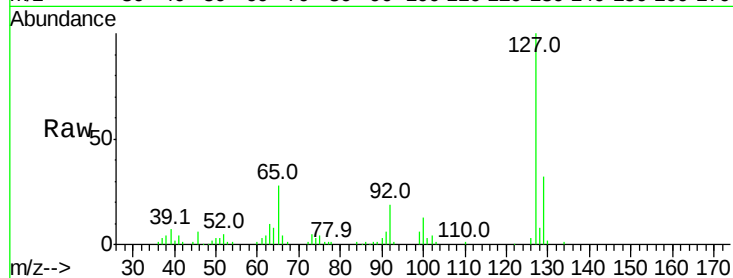
Instrument :

BNA_F

ClientSampleId :

PB97833BSD

Tot Ion:	127	Resp:	121568
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.8	27.8	41.8#
92	19.0	16.8	25.2

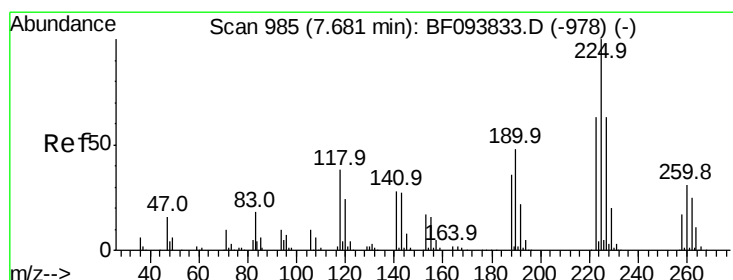
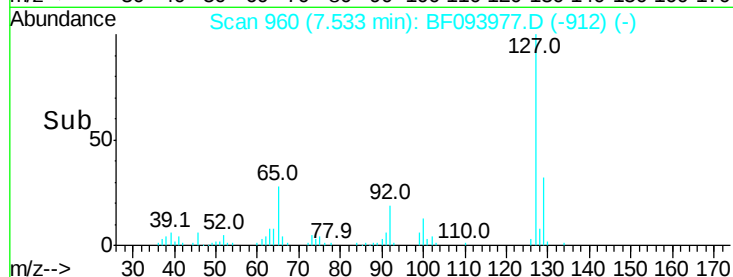
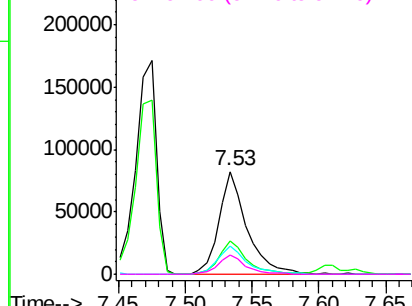


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.11 ng

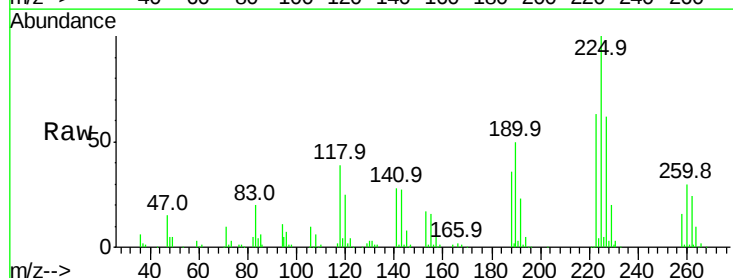
RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

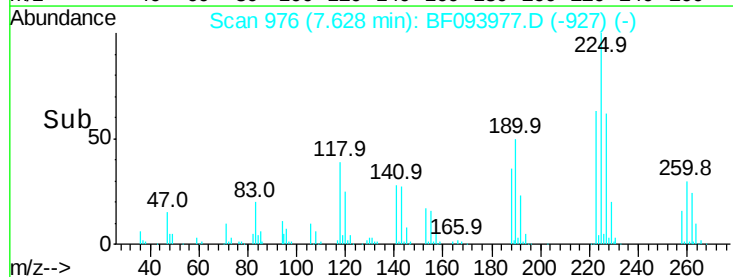
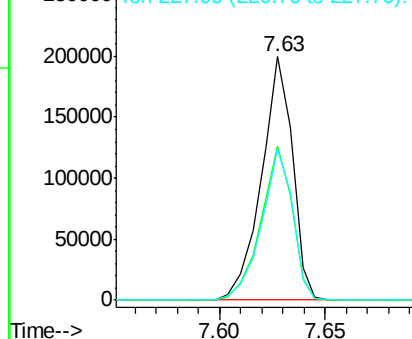
Tgt Ion:	225	Resp:	204689
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	62.4	51.1	76.7

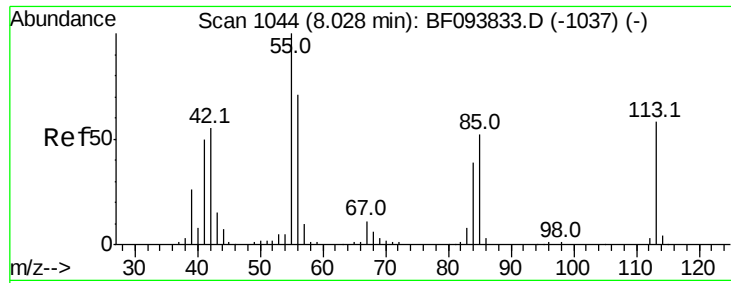


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

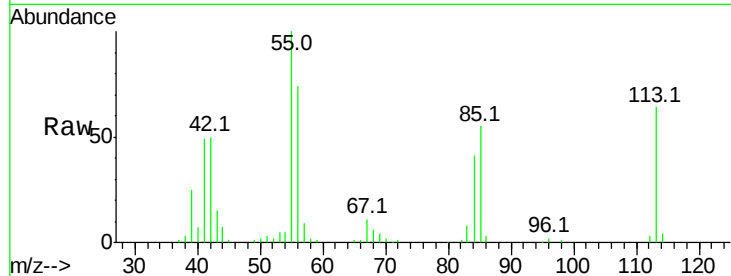




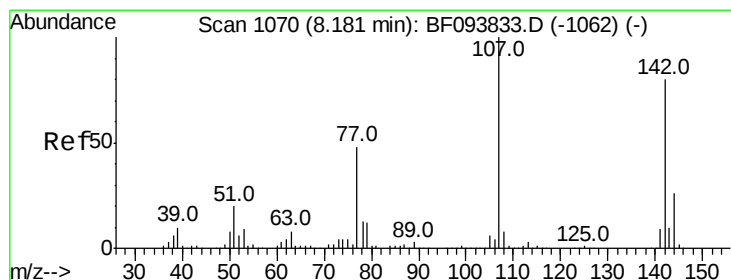
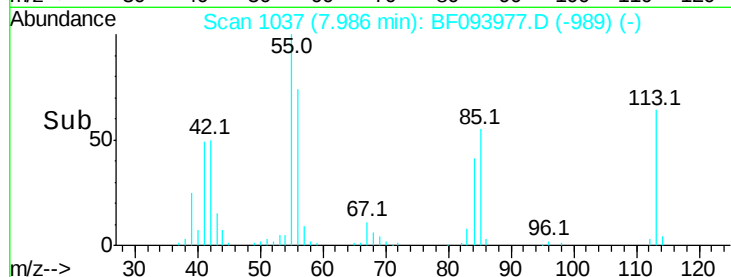
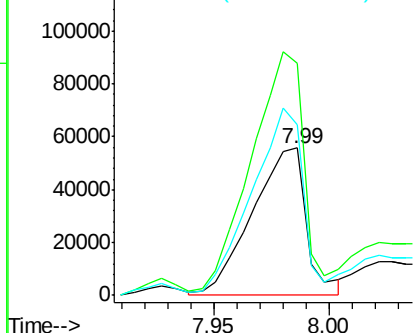
#35
 Caprolactam
 Concen: 31.00 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion:113 Resp: 90965
 Ion Ratio Lower Upper
 113 100
 55 157.1 150.2 190.2
 56 115.8 107.8 147.8

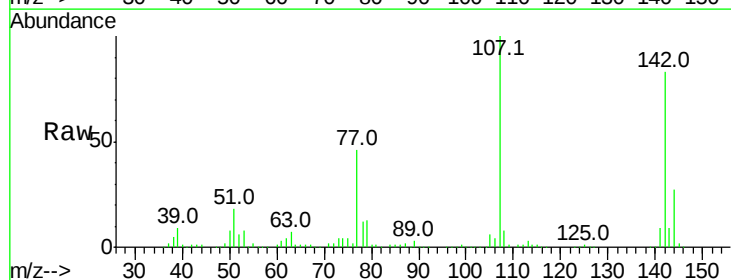


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

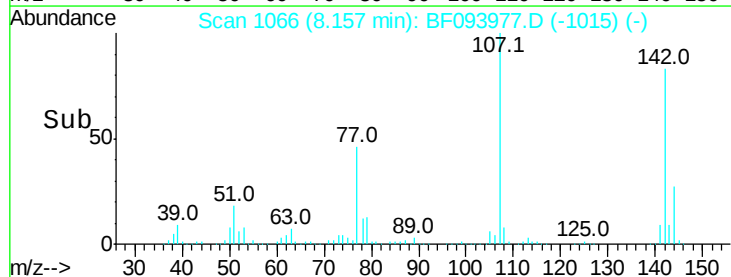
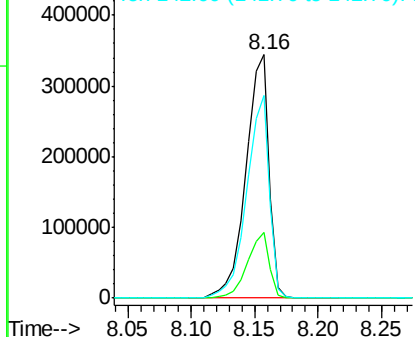


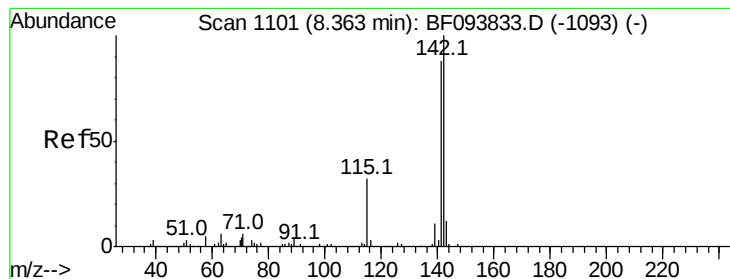
#36
 4-Chloro-3-methylphenol
 Concen: 45.36 ng
 RT: 8.16 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:107 Resp: 436195
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 83.4 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: 42.19 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

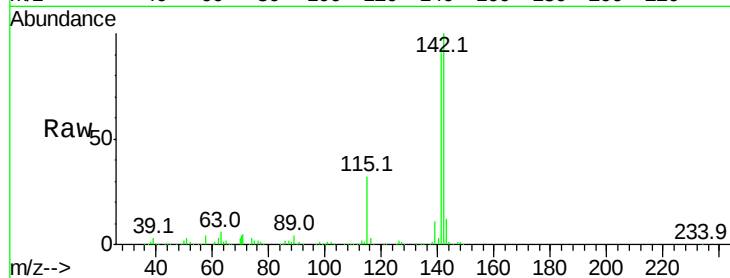
Tot Ion:142 Resp: 937139

Ion Ratio Lower Upper

142 100

141 90.9 71.3 106.9

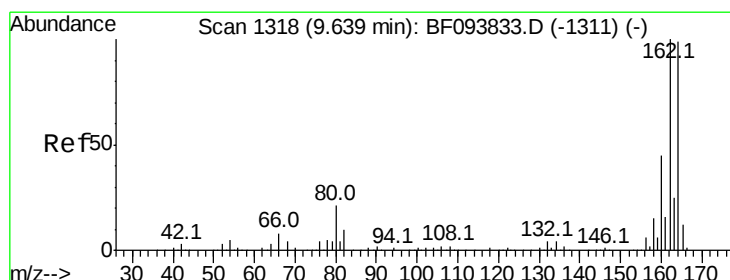
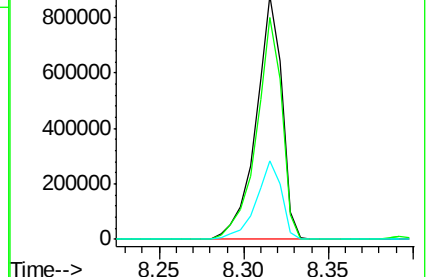
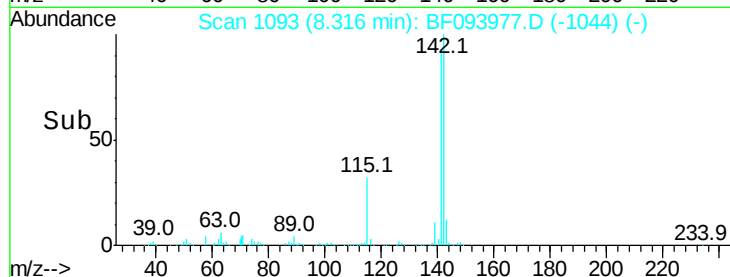
115 32.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

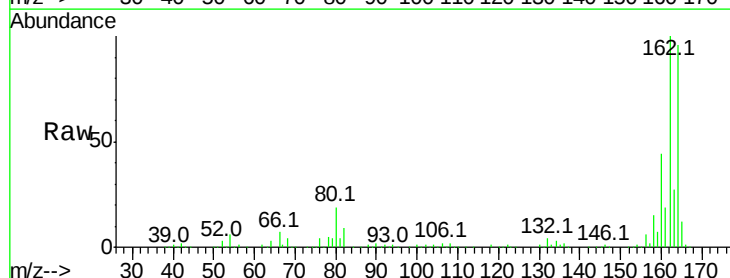
Tgt Ion:164 Resp: 302266

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

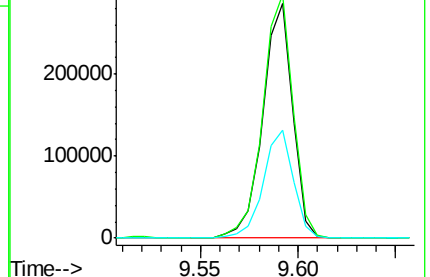
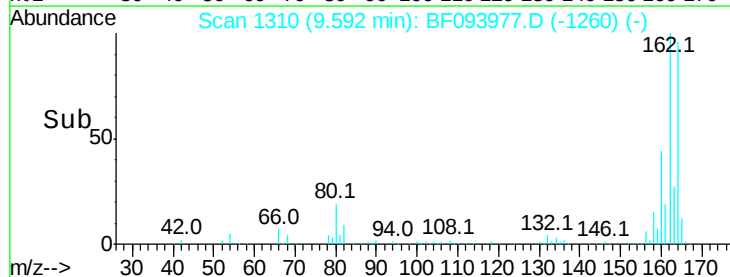
160 45.9 36.2 54.2

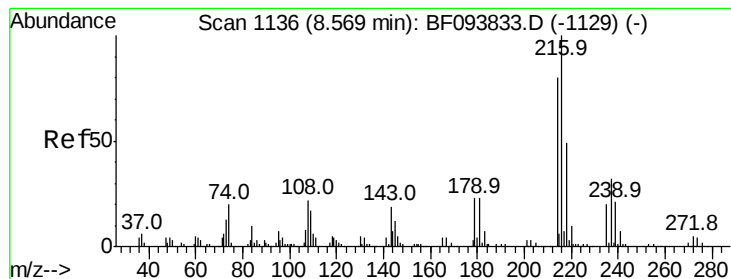


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.55 ng

RT: 8.52 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

Tot Ion:216 Resp: 351879

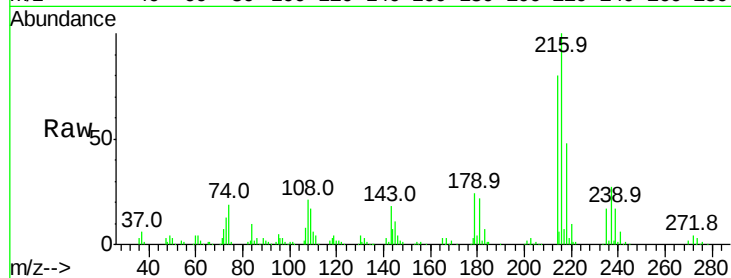
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 22.5 17.9 26.9

108 21.5 16.5 24.7

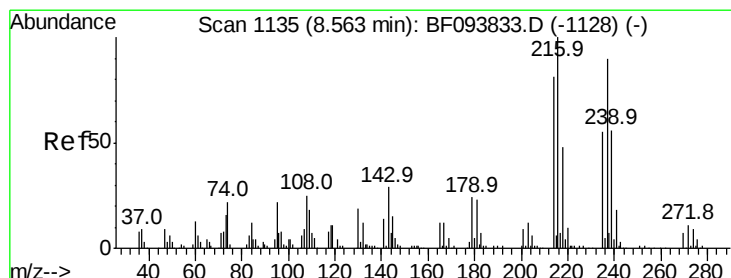
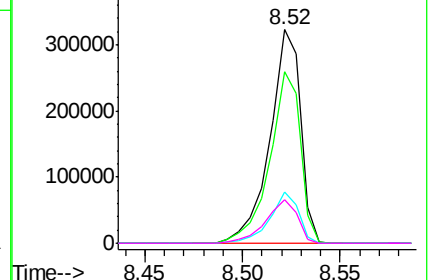
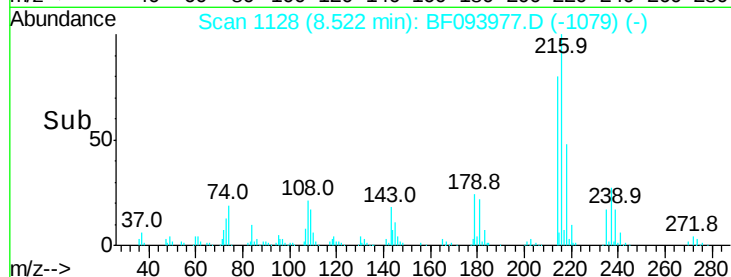


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.05 ng

RT: 8.52 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

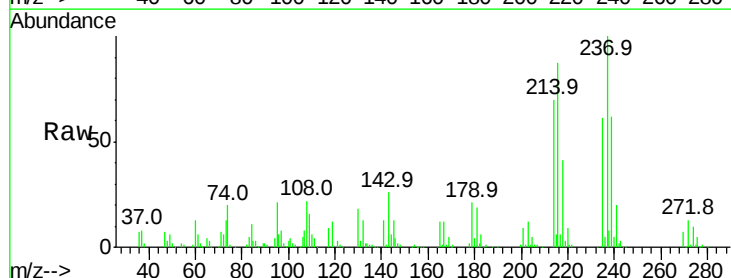
Tgt Ion:237 Resp: 247855

Ion Ratio Lower Upper

237 100

235 61.3 42.6 82.6

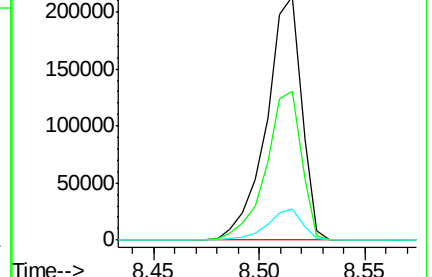
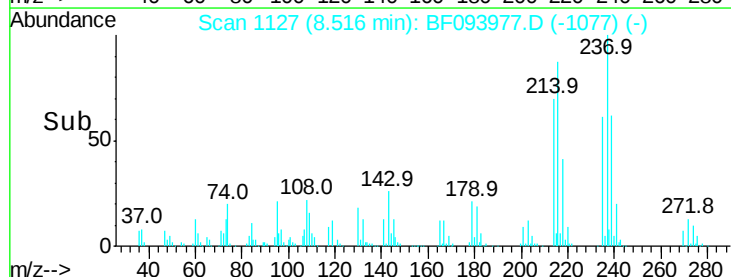
272 12.9 0.0 31.9

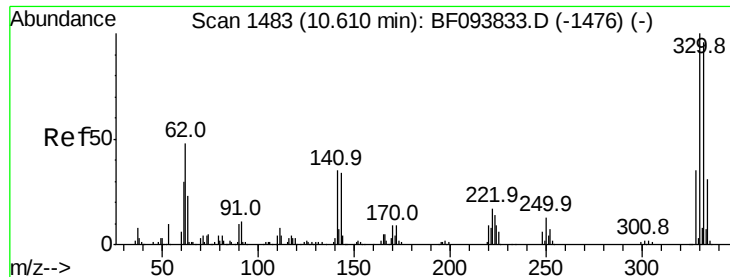


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

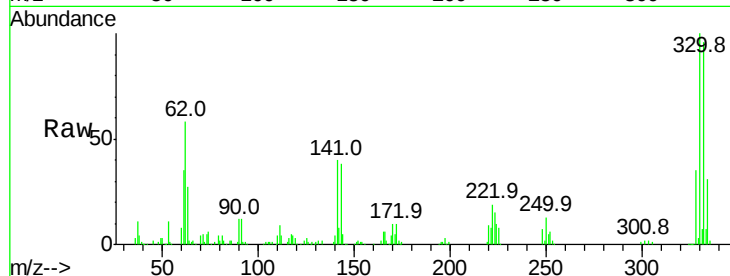




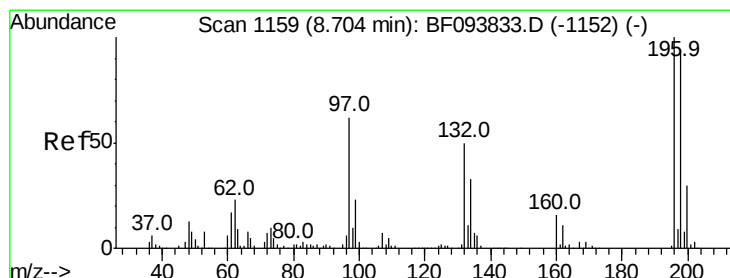
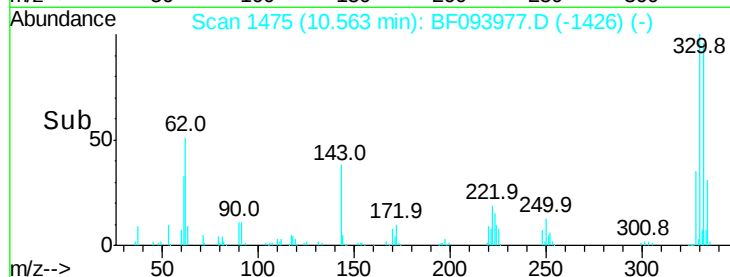
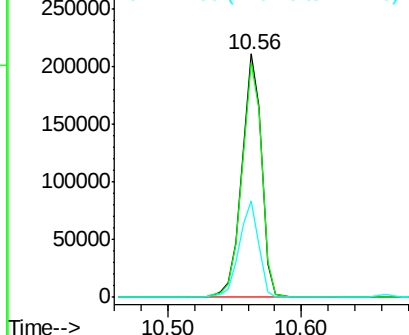
#41
 2,4,6-Tribromophenol
 Concen: 90.05 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	39.8	31.4	47.2

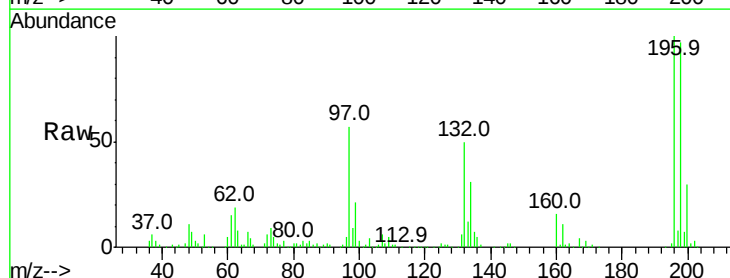


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

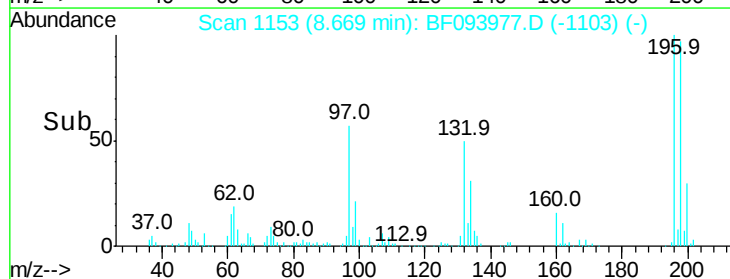
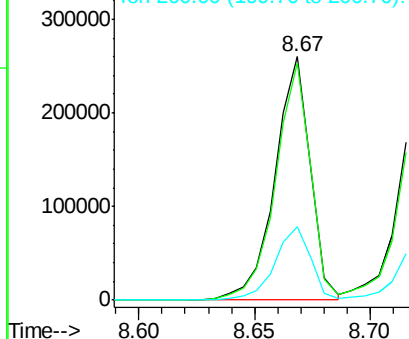


#42
 2,4,6-Trichlorophenol
 Concen: 46.95 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.2	111.4
200	30.3	24.0	36.0



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

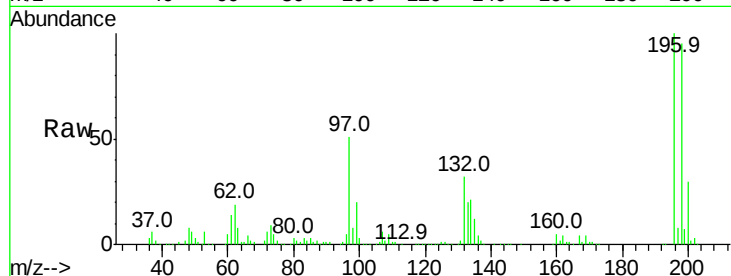




#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion:	196	Resp:	280066
Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
97	50.8	47.7	71.5
132	31.7	28.0	42.0



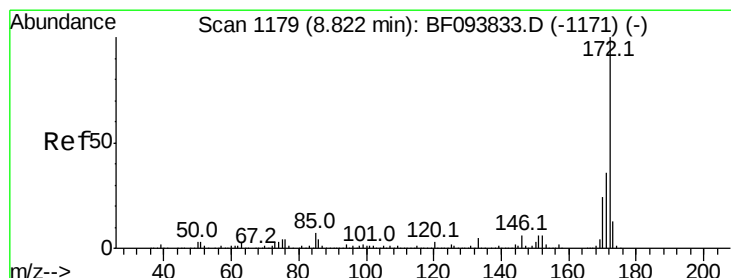
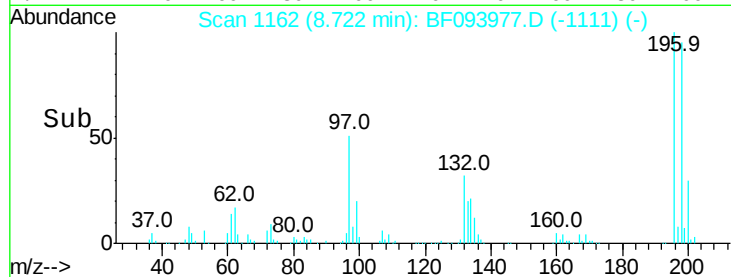
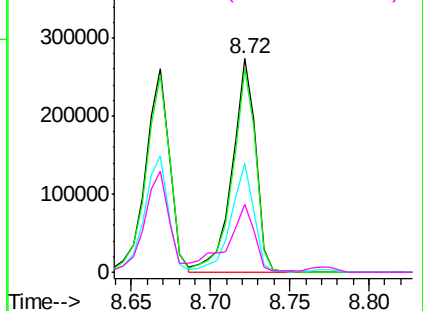
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

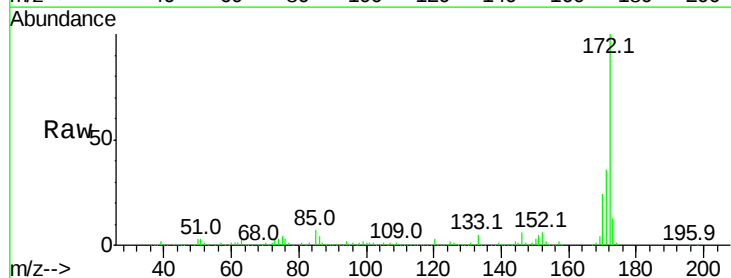
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.56 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:	172	Resp:	1735245
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8

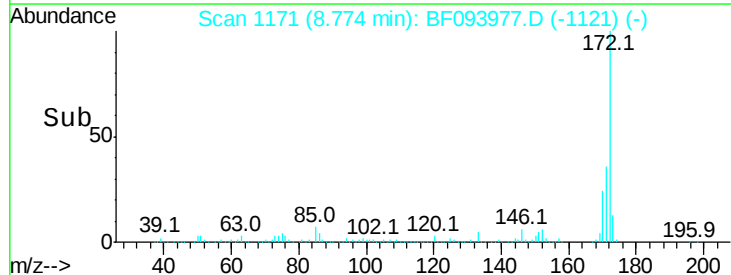
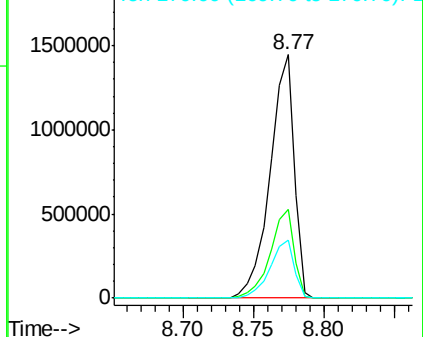


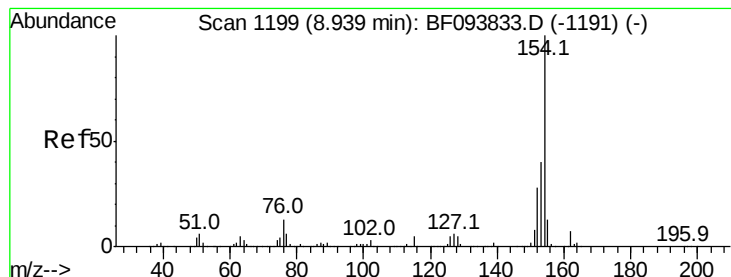
Abundance

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: 43.09 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

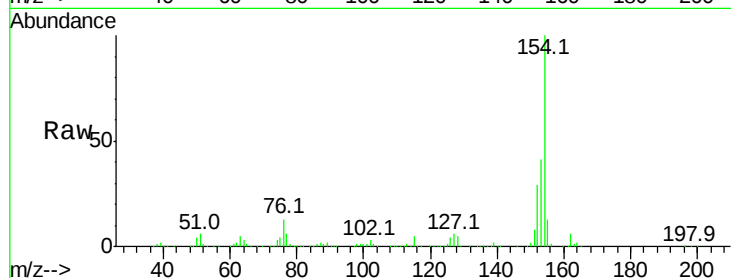
Tot Ion:154 Resp: 1050589

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

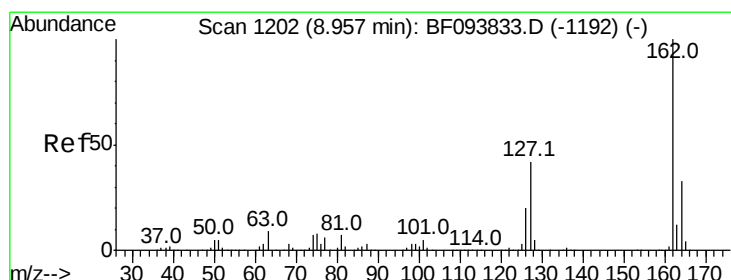
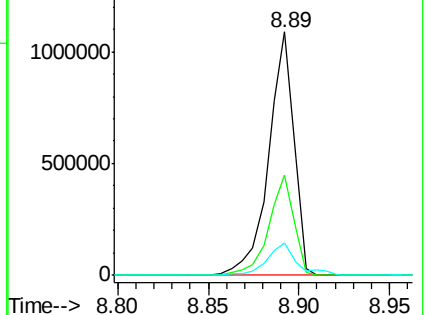
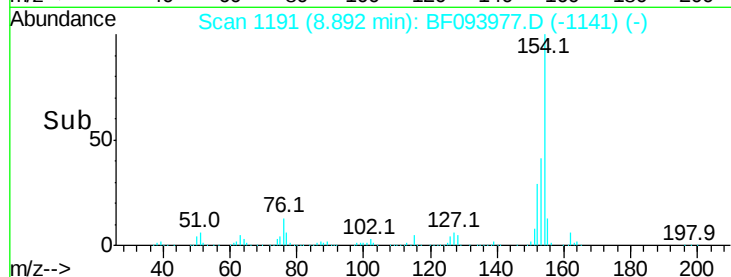
76 13.3 0.0 29.9



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): E



#46

2-Chloronaphthalene

Concen: 43.43 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

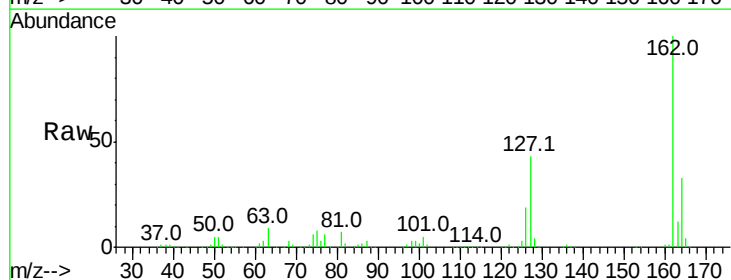
Tgt Ion:162 Resp: 828931

Ion Ratio Lower Upper

162 100

127 42.5 28.3 42.5#

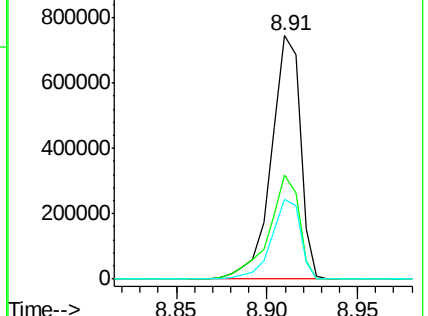
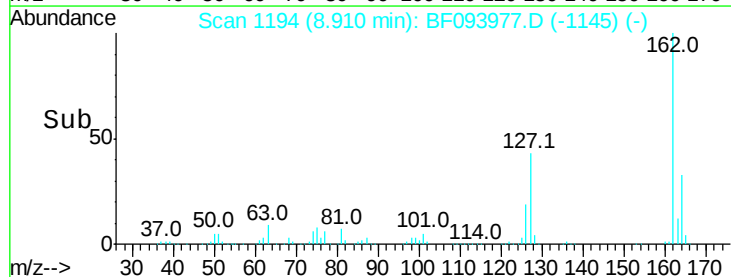
164 32.8 27.0 40.4

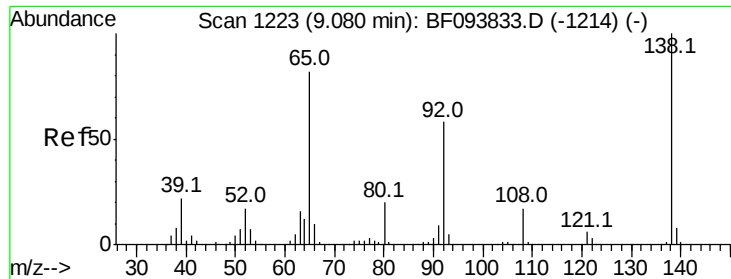


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

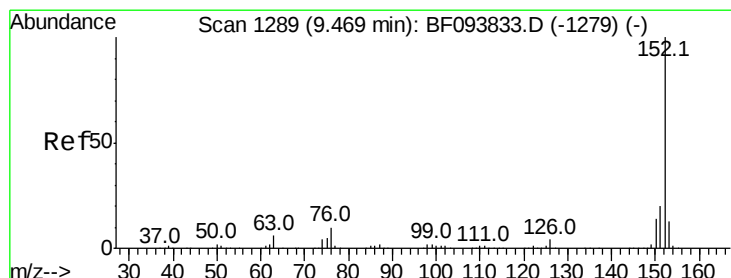
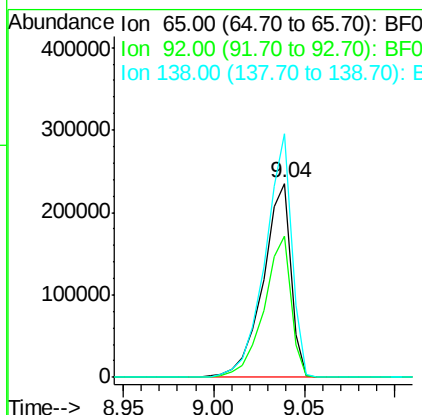
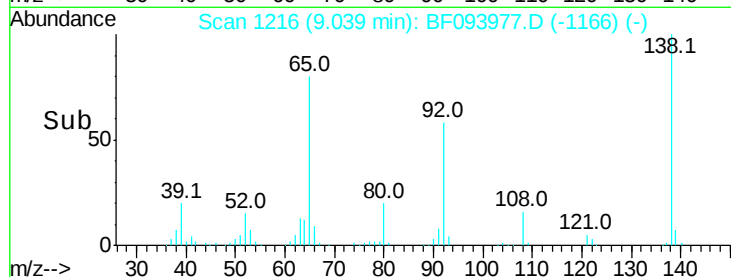
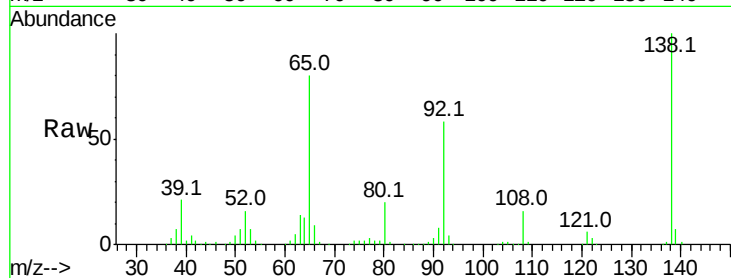




#47
 2-Nitroaniline
 Concen: 44.42 ng
 RT: 9.04 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

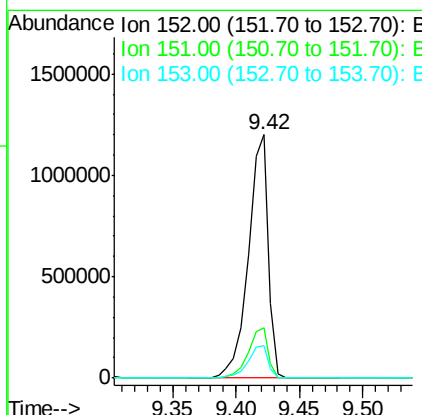
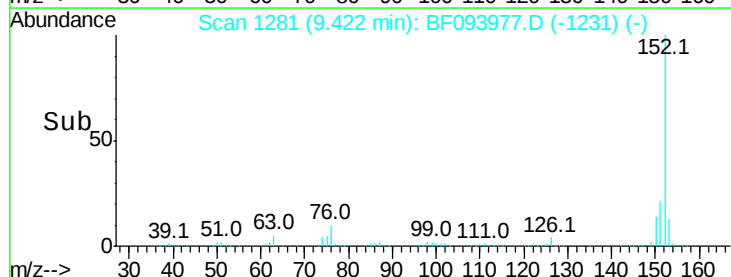
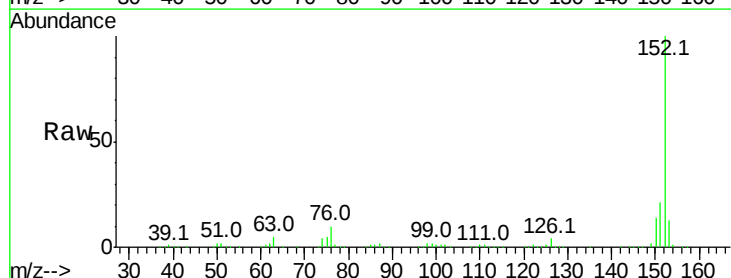
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

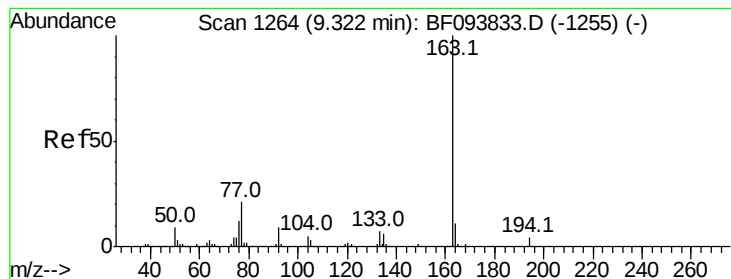
Tot Ion: 65 Resp: 251474
 Ion Ratio Lower Upper
 65 100
 92 73.0 53.9 80.9
 138 125.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.15 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:152 Resp: 1305088
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 46.29 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

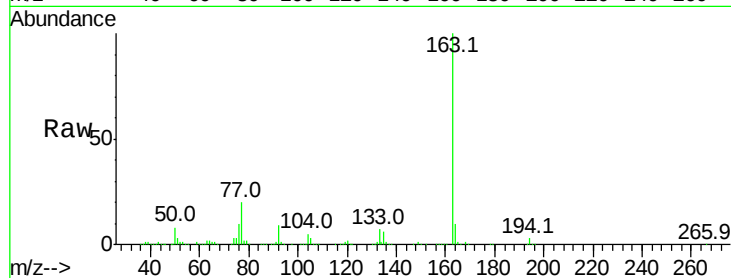
Tot Ion:163 Resp: 994559

Ion Ratio Lower Upper

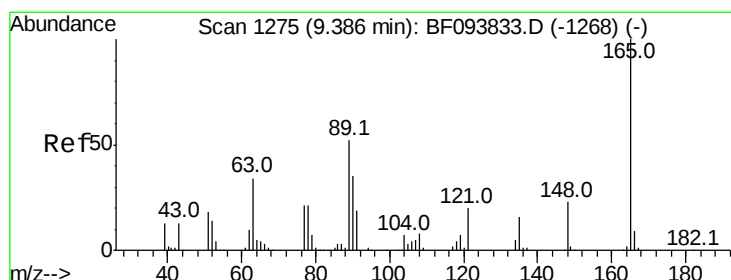
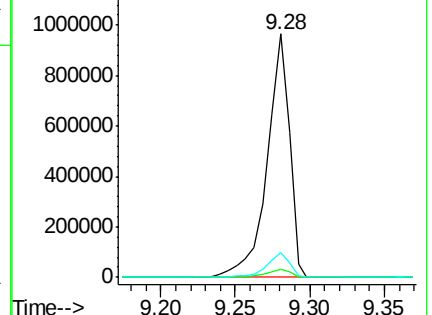
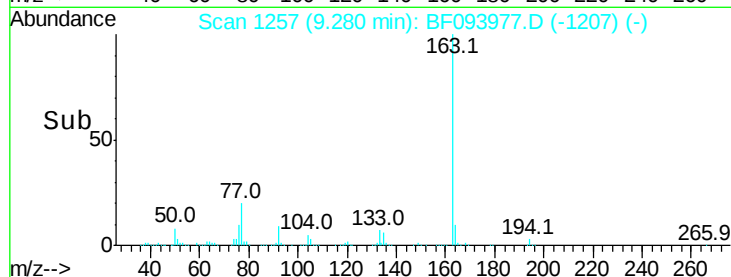
163 100

194 3.3 2.6 4.0

164 9.9 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 44.10 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

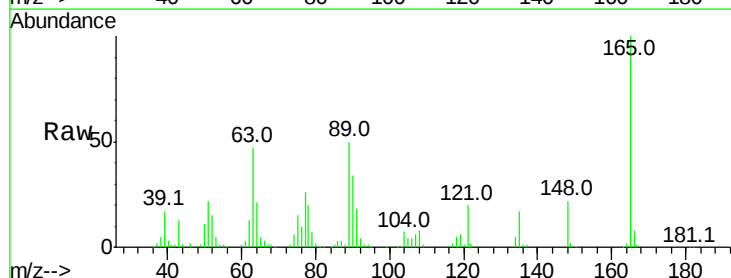
Tgt Ion:165 Resp: 217189

Ion Ratio Lower Upper

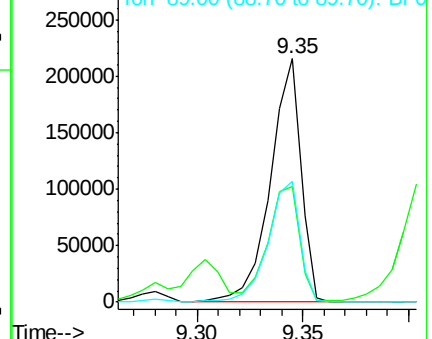
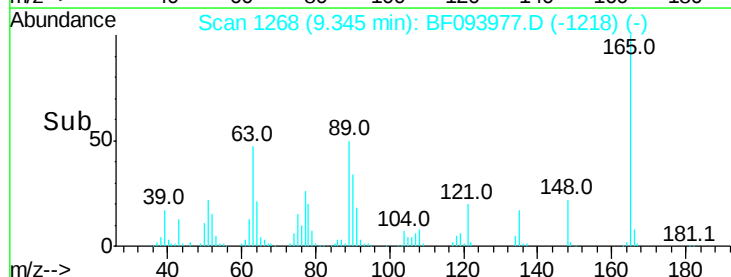
165 100

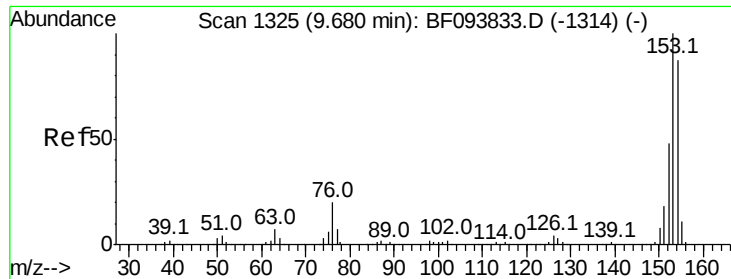
63 47.3 34.3 51.5

89 49.6 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.34 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

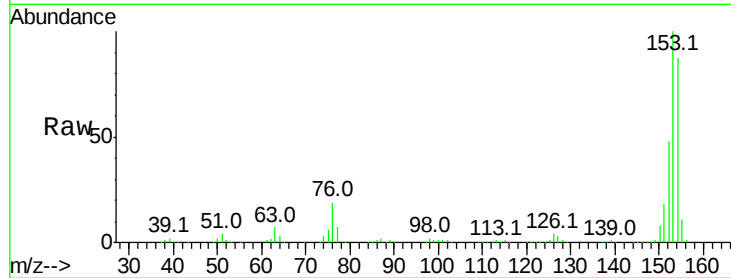
Tot Ion:154 Resp: 765184

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

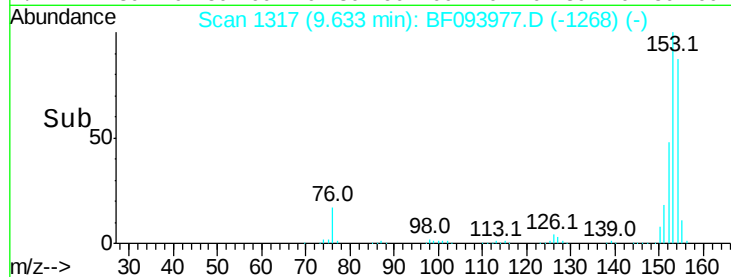
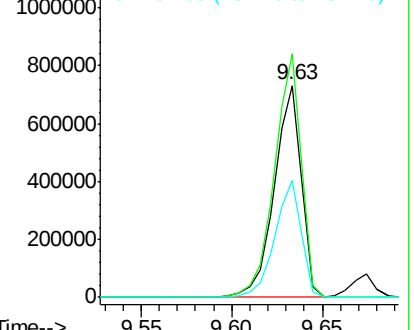
152 54.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.66 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

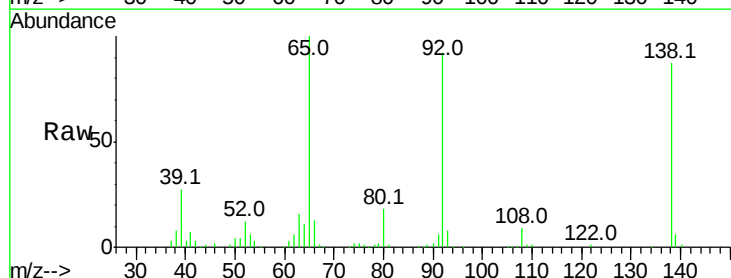
Tgt Ion:138 Resp: 119478

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

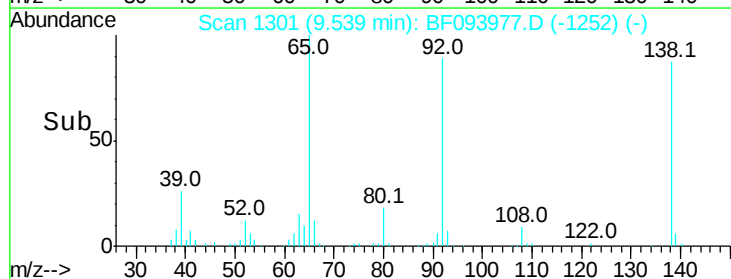
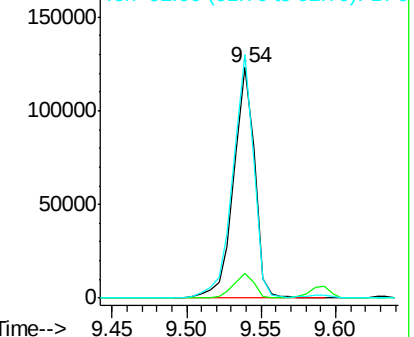
92 105.8 93.8 140.6

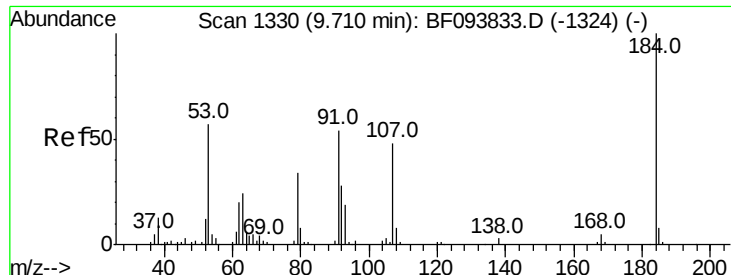


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

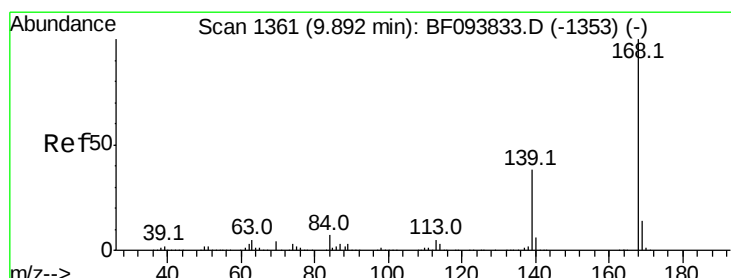
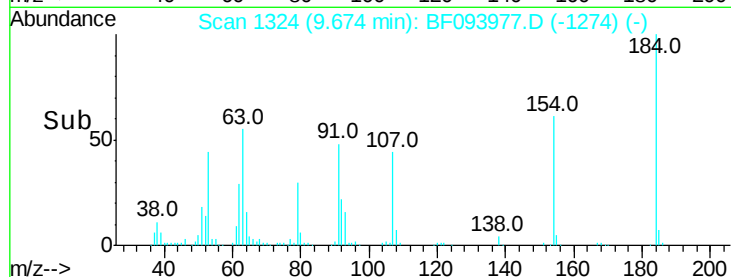
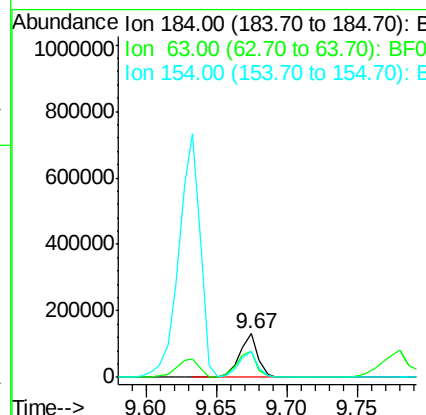
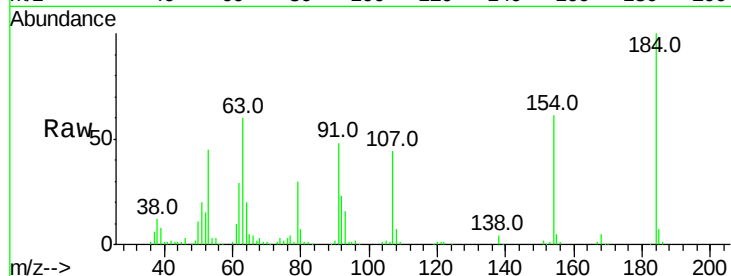




#53
 2,4-Dinitrophenol
 Concen: 46.96 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

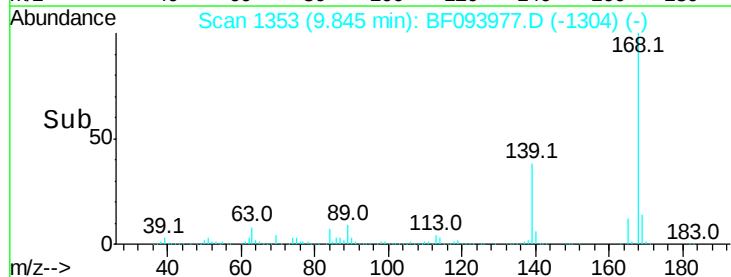
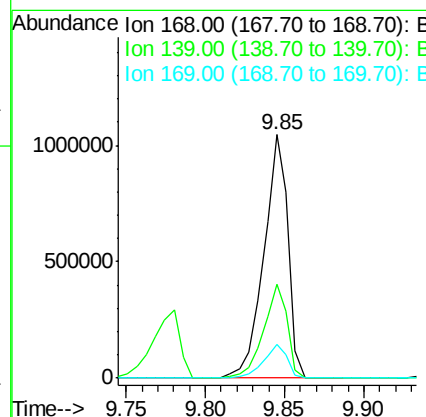
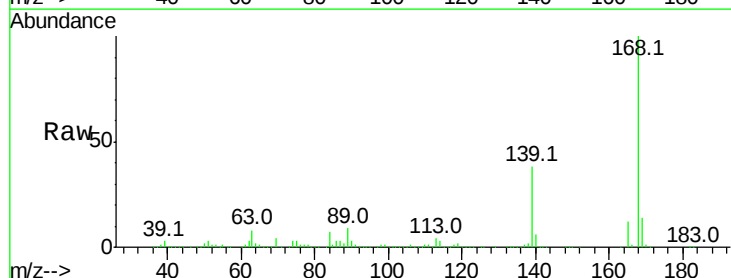
Instrument :
 BNA_F
 ClientSampleID :
 PB97833BSD

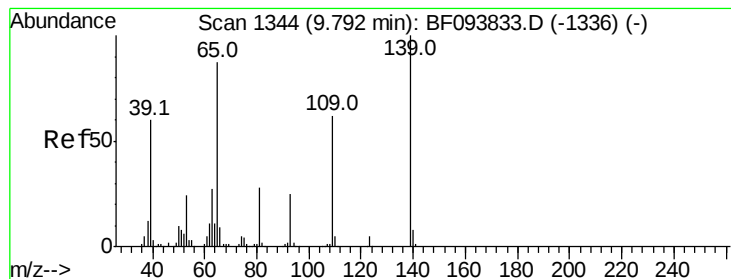
Tot Ion:184 Resp: 118386
 Ion Ratio Lower Upper
 184 100
 63 59.9 62.7 94.1#
 154 61.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 44.17 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:168 Resp: 1112729
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.6 45.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 77.39 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

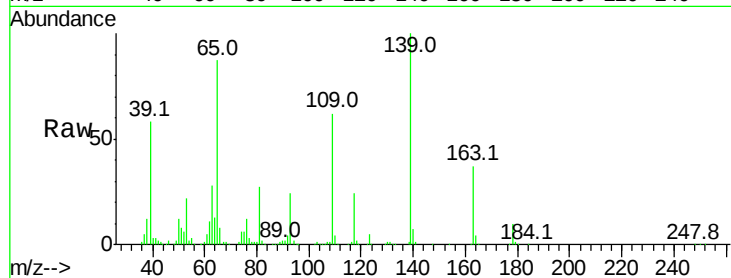
Tot Ion:139 Resp: 350537

Ion Ratio Lower Upper

139 100

109 62.3 34.1 74.1

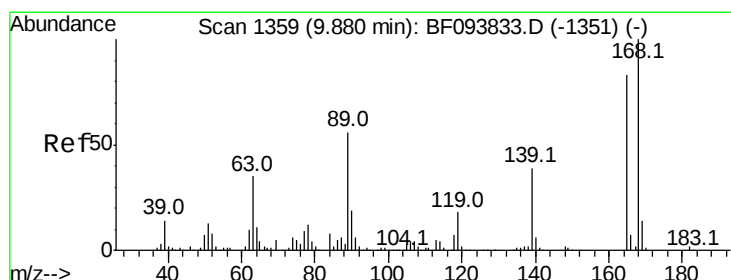
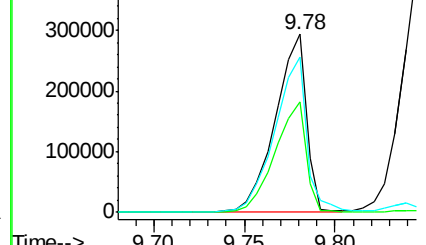
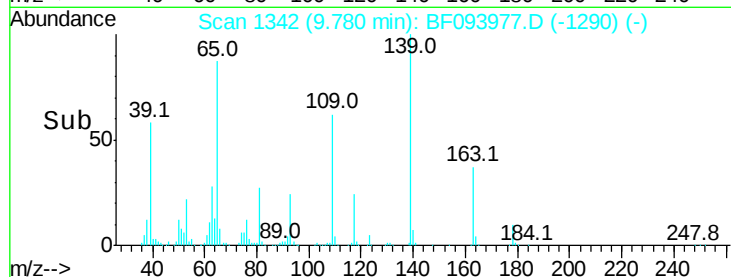
65 86.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.07 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion:165 Resp: 266487

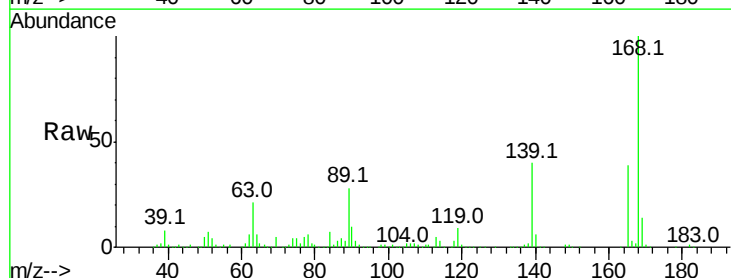
Ion Ratio Lower Upper

165 100

63 52.9 25.4 38.0#

89 71.9 46.4 69.6#

182 2.4 1.8 2.6

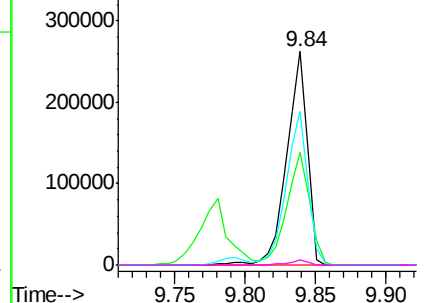
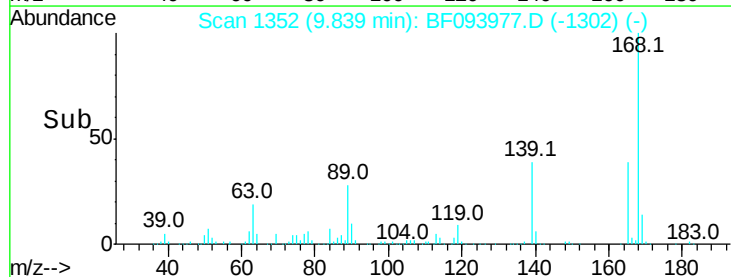


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

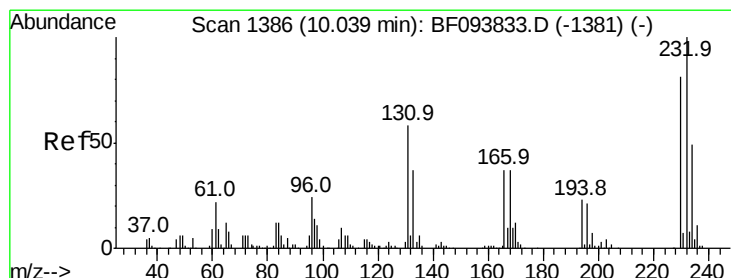
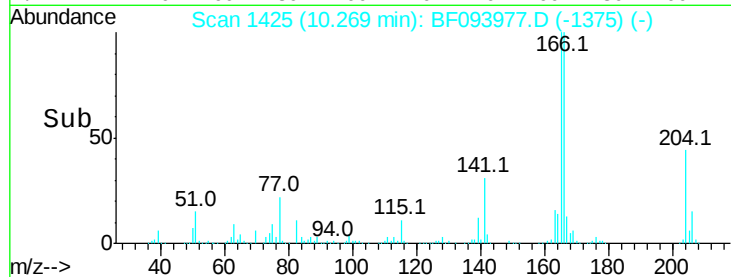
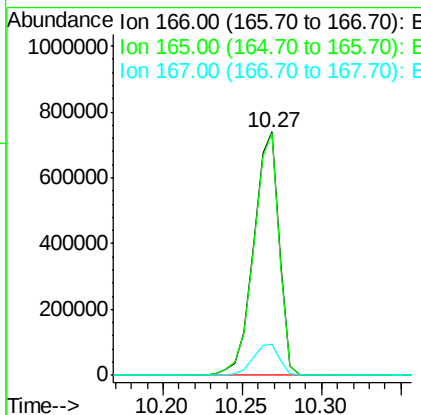
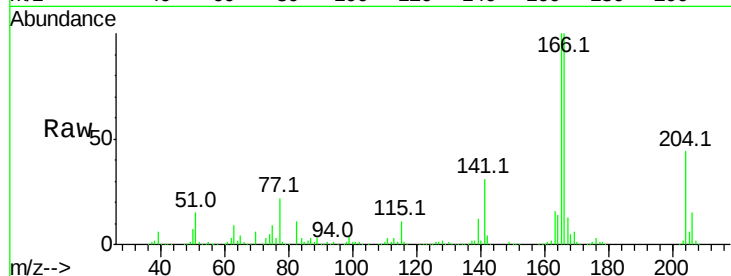




#57
Fluorene
 Concen: 39.46 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

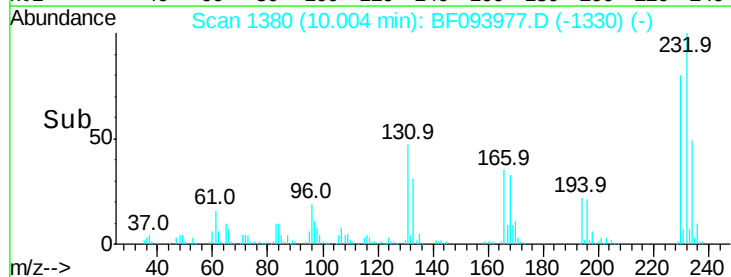
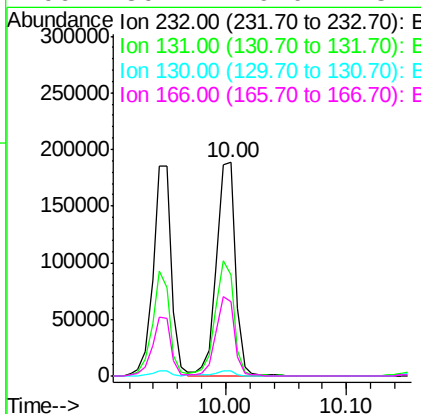
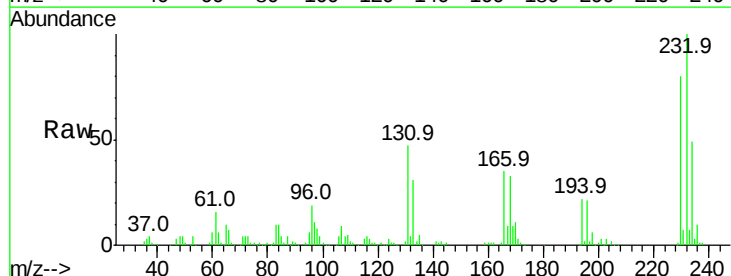
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

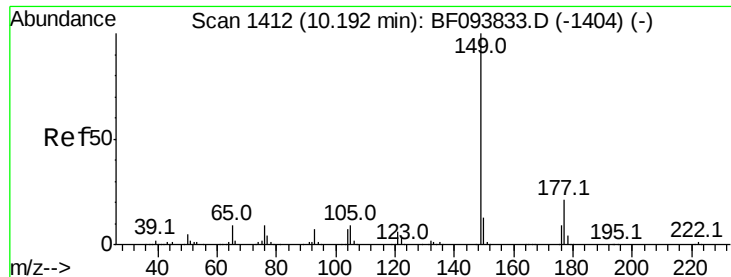
Tot Ion:166 Resp: 824504
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.8 118.2
 167 13.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.95 ng
 RT: 10.00 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:232 Resp: 203944
 Ion Ratio Lower Upper
 232 100
 131 53.0 44.8 67.2
 130 2.5 2.3 3.5
 166 36.1 29.0 43.4

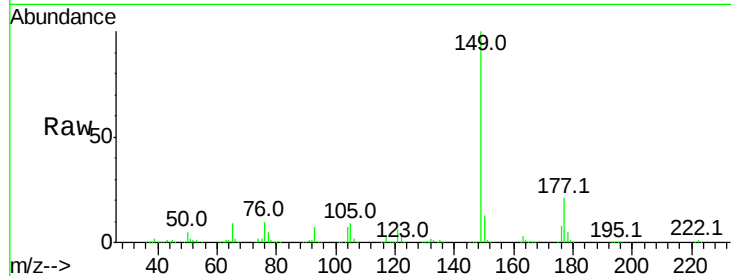




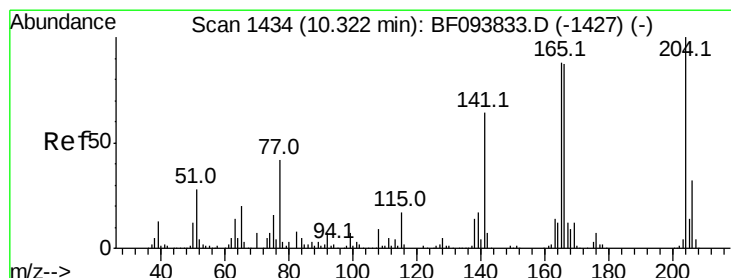
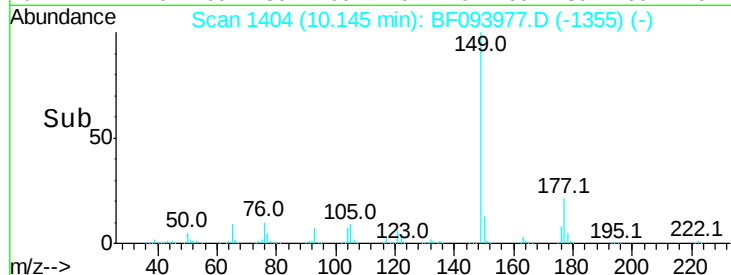
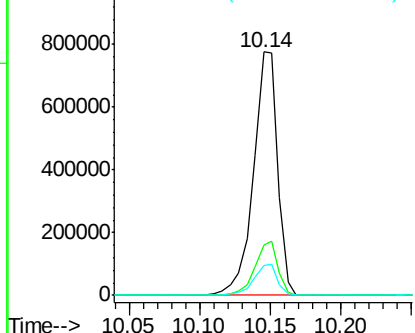
#59
Diethylphthalate
Concen: 44.14 ng
RT: 10.14 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampled :
PB97833BSD

Tot Ion:149 Resp: 937455
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.5 10.2 15.2

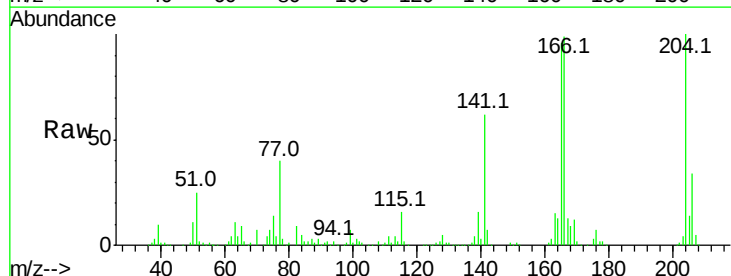


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

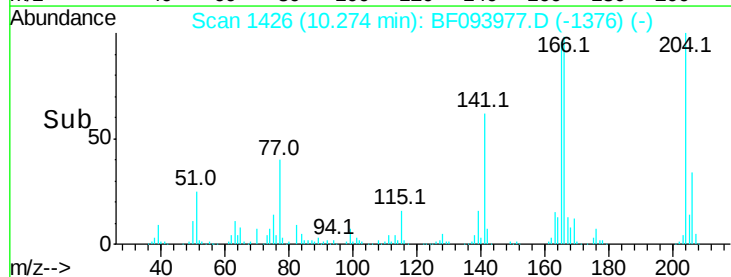
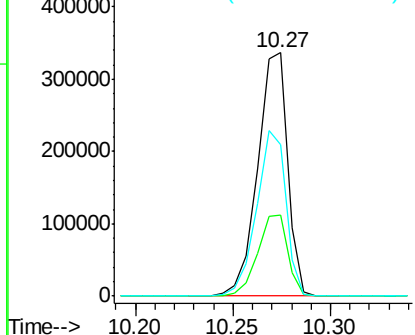


#60
4-Chlorophenyl-phenylether
Concen: 40.33 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion:204 Resp: 358957
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 62.1 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

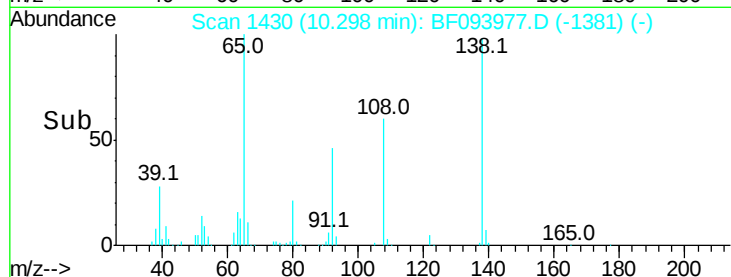
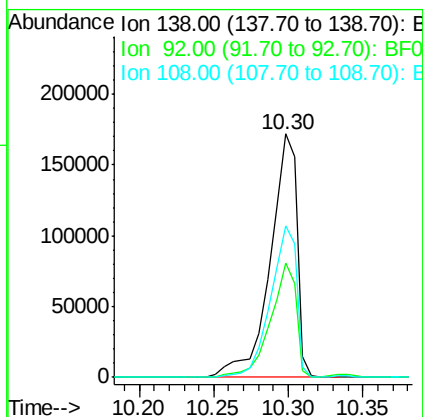
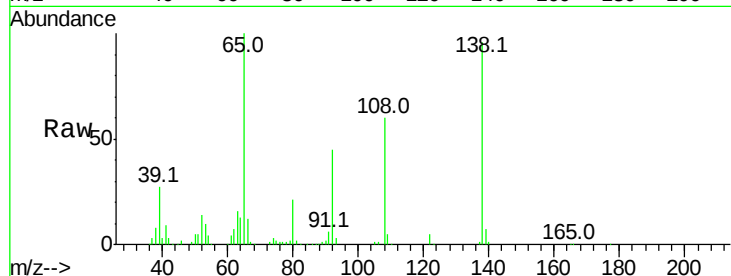




#61
4-Nitroaniline
Concen: 38.86 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

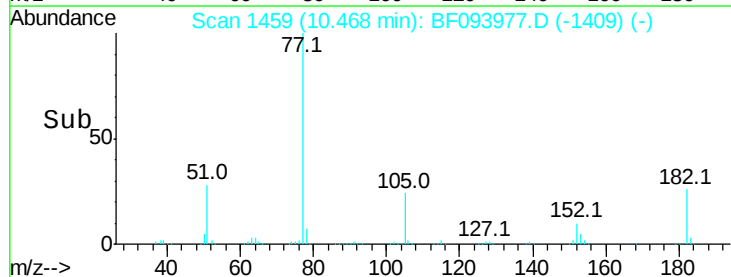
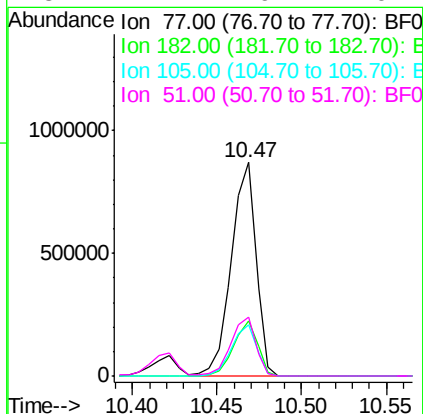
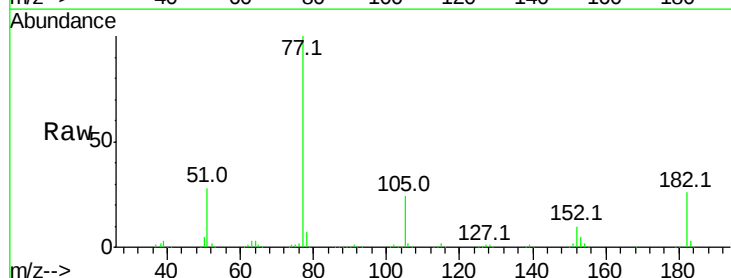
Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion:138 Resp: 215655
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 62.1 42.3 82.3



#62
Azobenzene
Concen: 44.30 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion: 77 Resp: 889988
Ion Ratio Lower Upper
77 100
182 25.7 0.1 40.1
105 24.3 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: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

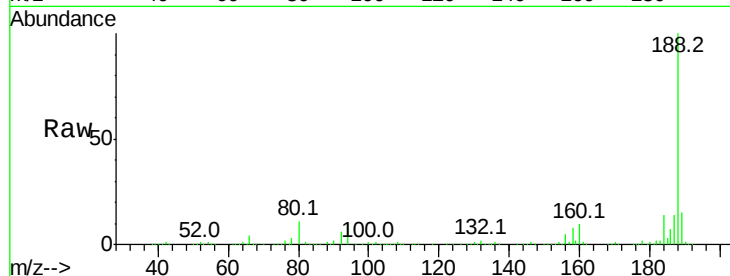
Tot Ion:188 Resp: 490447

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

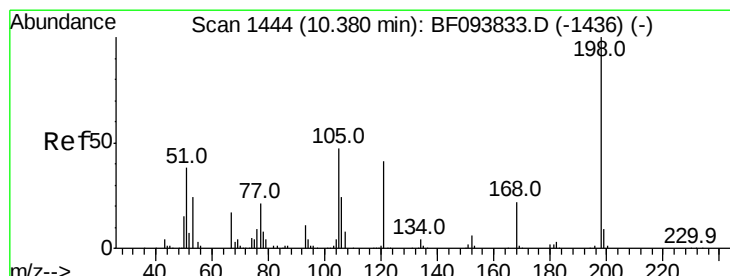
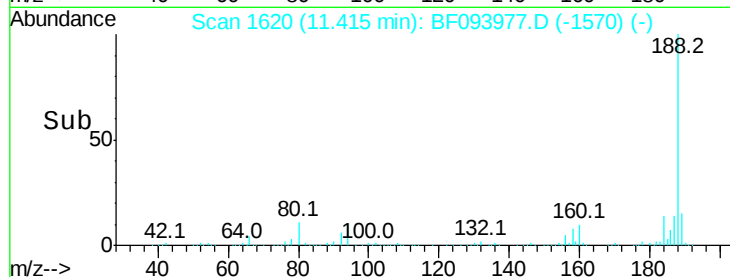
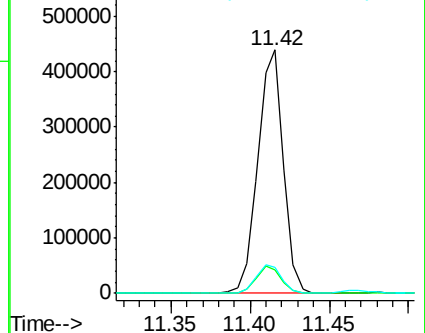
80 10.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.96 ng

RT: 10.34 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

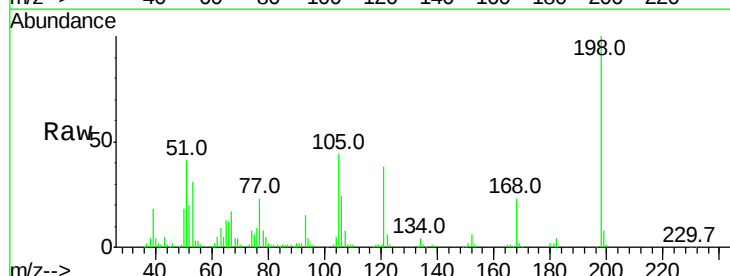
Tgt Ion:198 Resp: 86972

Ion Ratio Lower Upper

198 100

51 40.9 53.2 93.2#

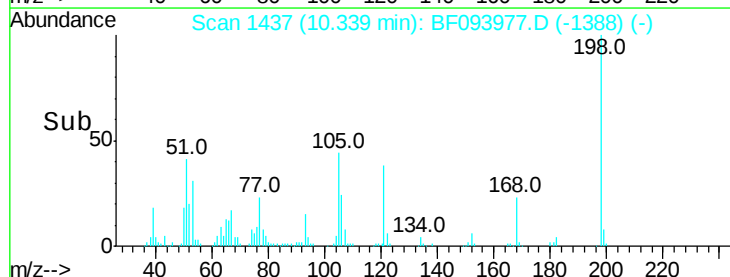
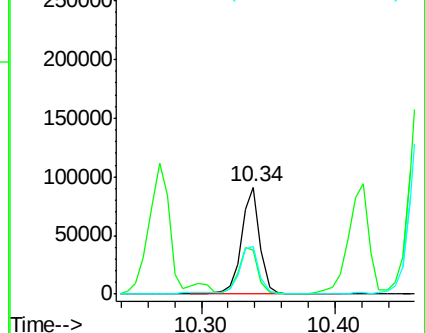
105 44.4 45.8 85.8#

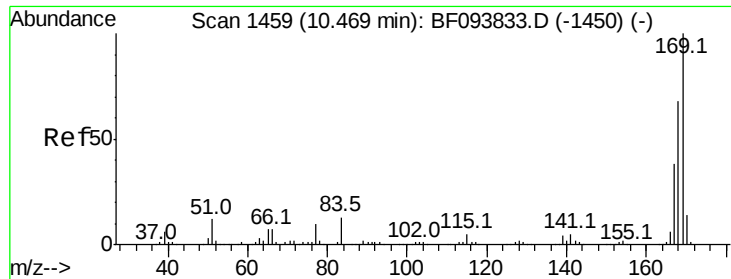


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

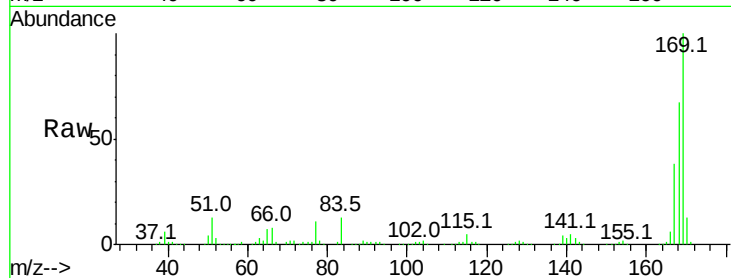




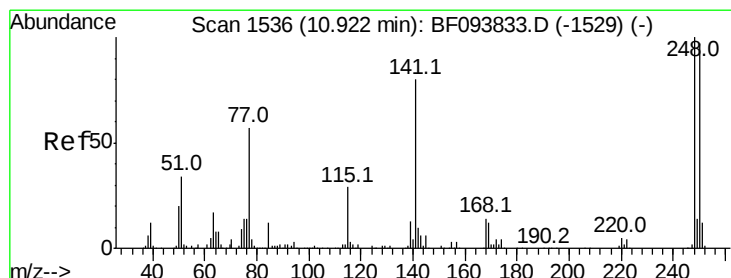
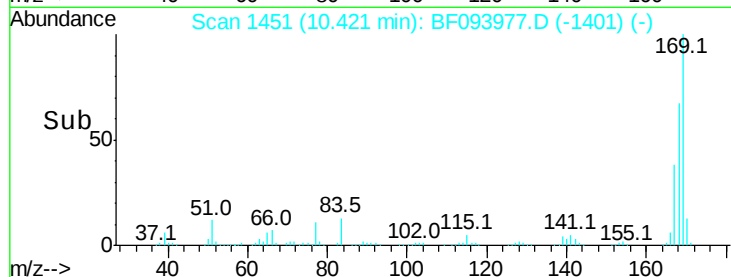
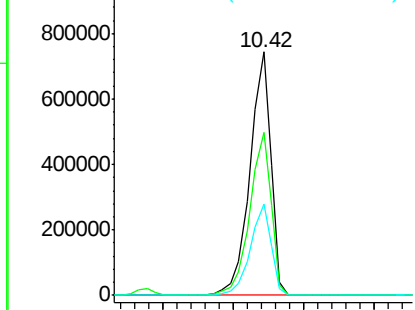
#65
 n-Nitrosodiphenylamine
 Concen: 45.73 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	37.5	29.5	44.3

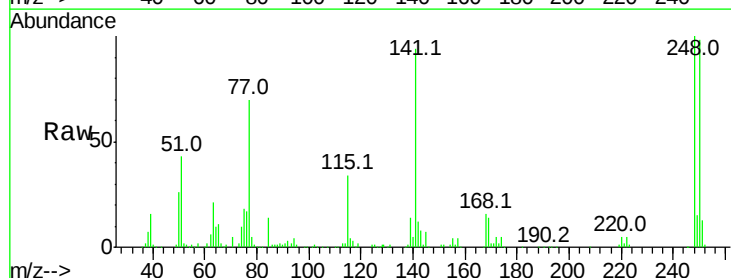


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

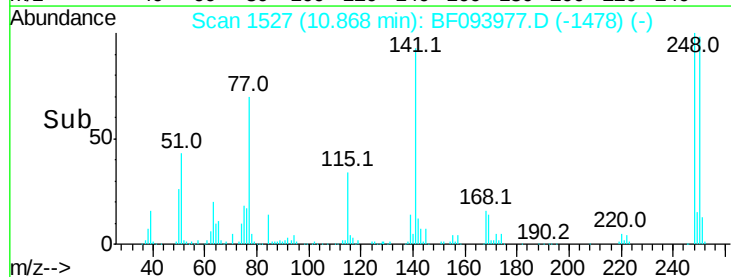
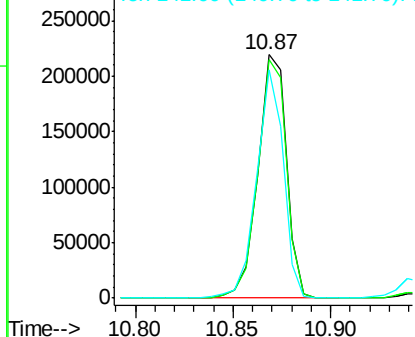


#66
 4-Bromophenyl-phenylether
 Concen: 46.12 ng
 RT: 10.87 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.8	115.2
141	93.7	68.6	103.0



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





#67

Hexachlorobenzene

Concen: 45.32 ng

RT: 10.94 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

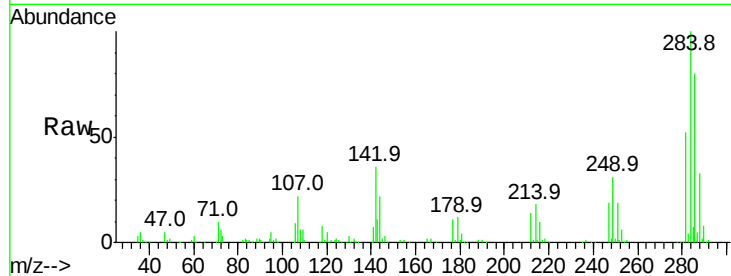
Tot Ion:284 Resp: 221300

Ion Ratio Lower Upper

284 100

142 36.3 22.8 34.2#

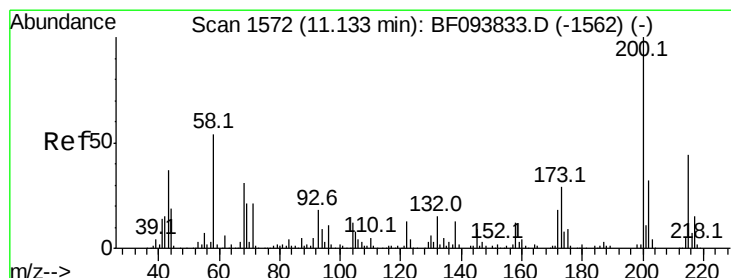
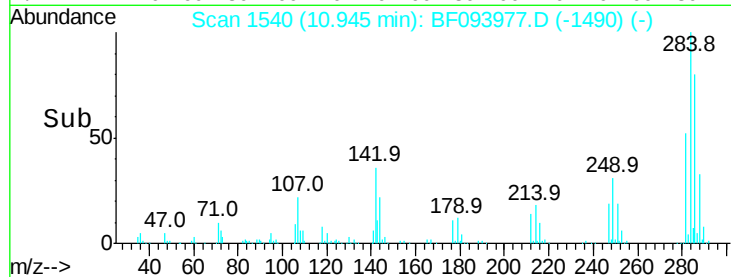
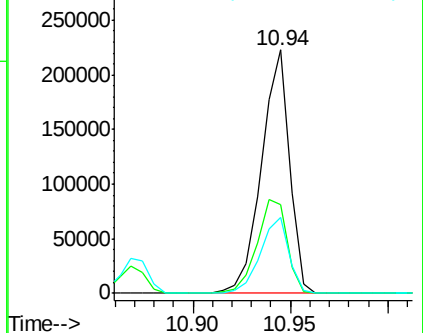
249 31.3 24.0 36.0



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: 37.02 ng

RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

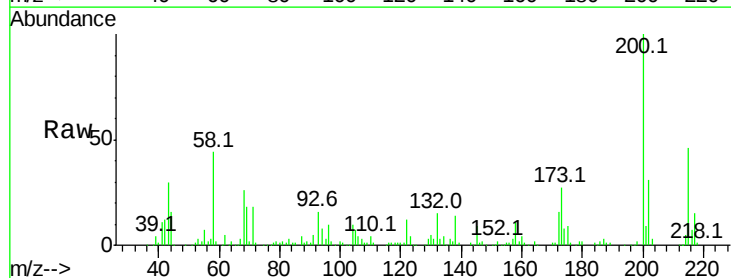
Tgt Ion:200 Resp: 188085

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

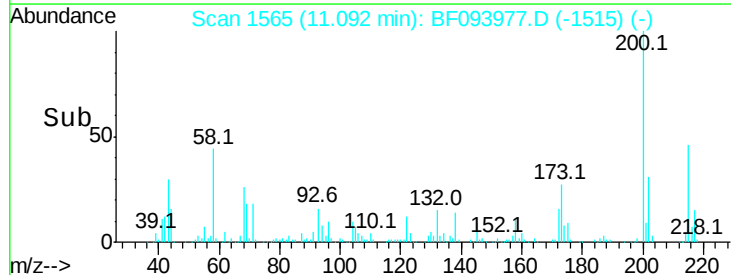
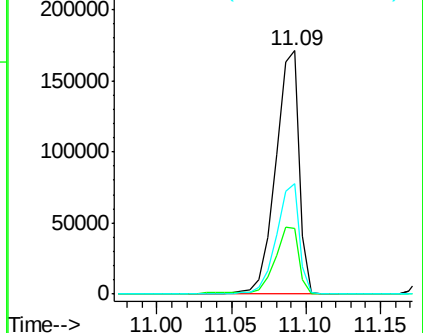
215 45.5 27.2 67.2



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

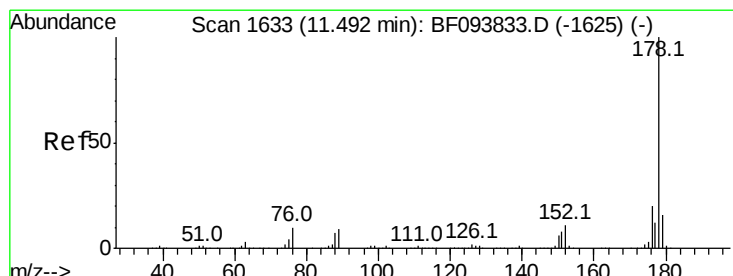
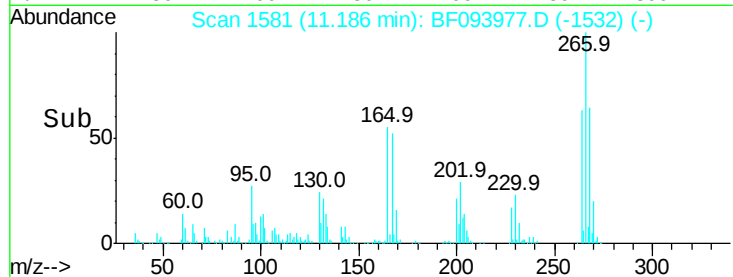
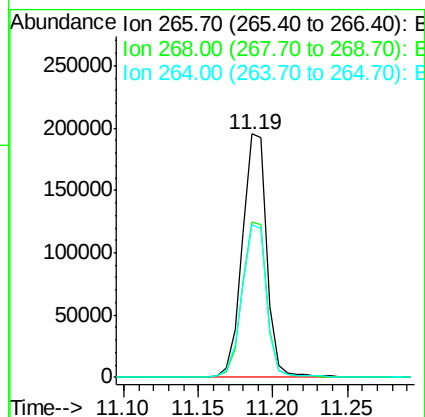
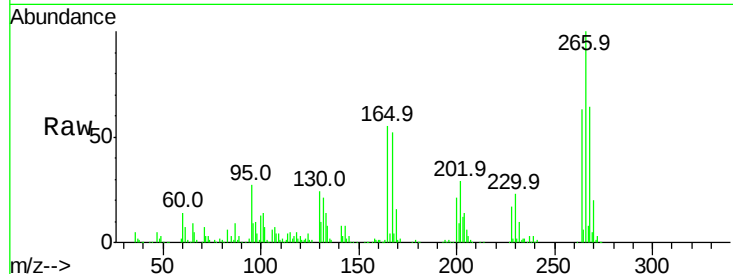




#69
 Pentachlorophenol
 Concen: 73.06 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

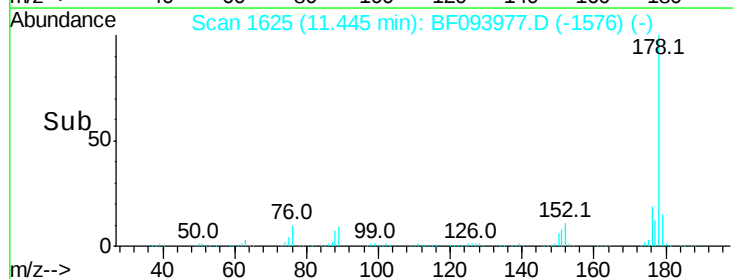
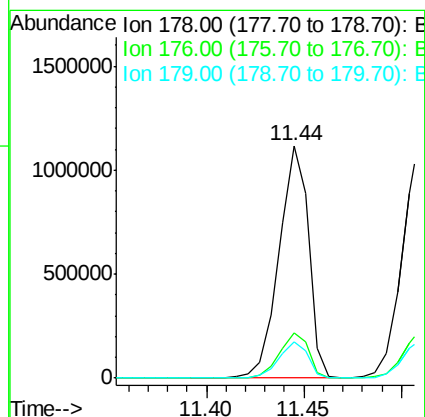
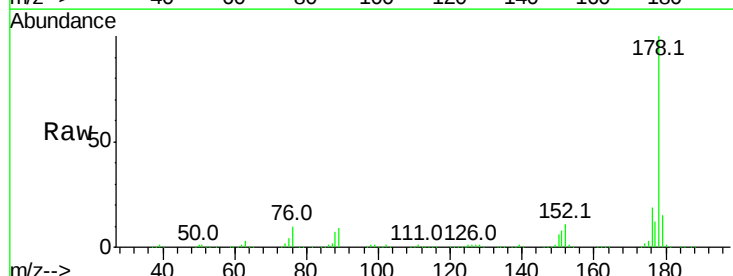
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.0	51.7	77.5



#70
 Phenanthrene
 Concen: 42.96 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.4	12.6	19.0





#71

Anthracene

Concen: 42.79 ng

RT: 11.51 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

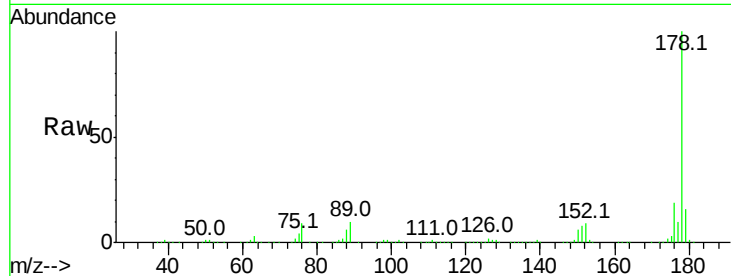
Tot Ion:178 Resp: 1202111

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

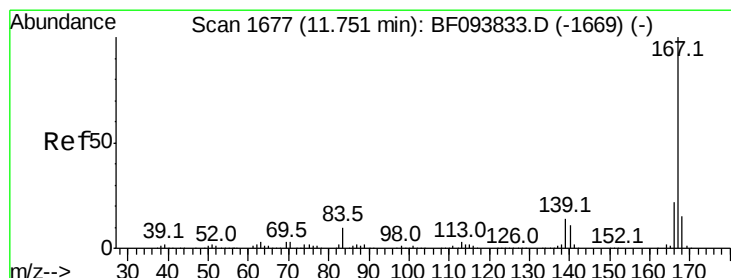
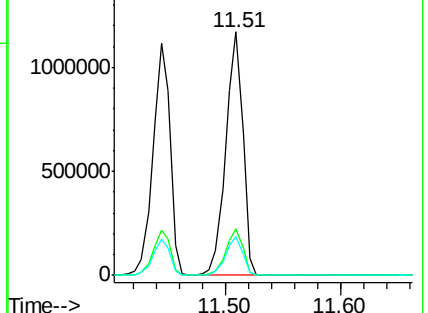
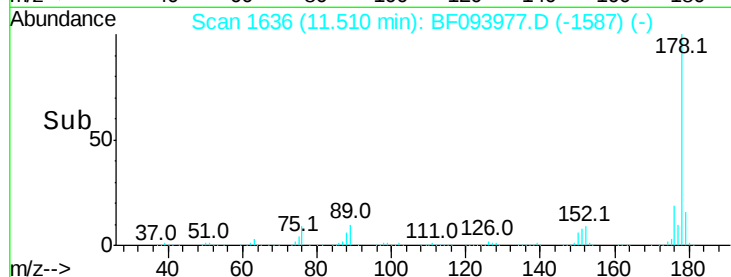
179 15.9 12.7 19.1



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: 38.45 ng

RT: 11.71 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

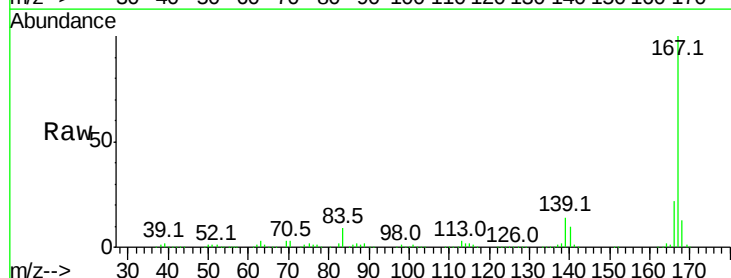
Tgt Ion:167 Resp: 1107555

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

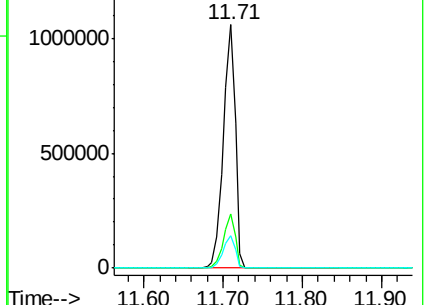
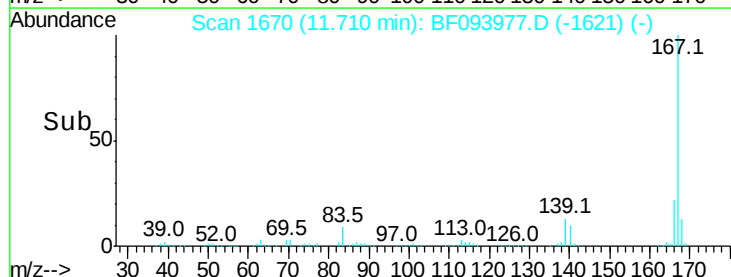
139 13.5 11.7 17.5

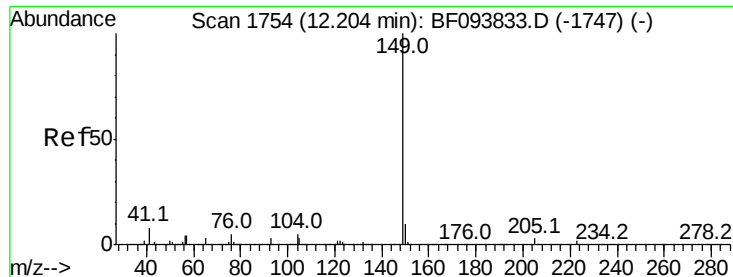


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.20 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

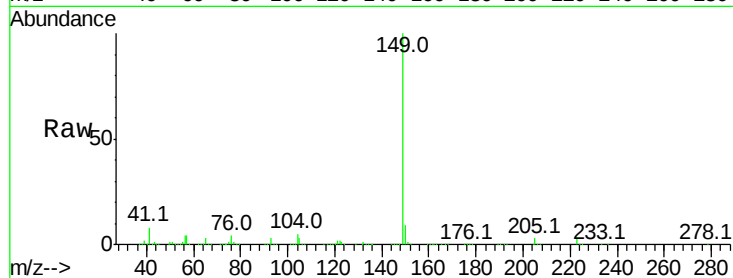
Tot Ion:149 Resp: 1383980

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

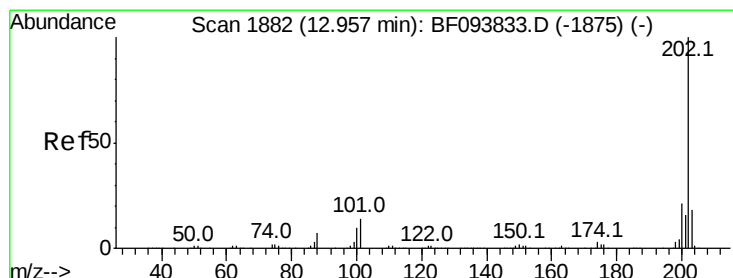
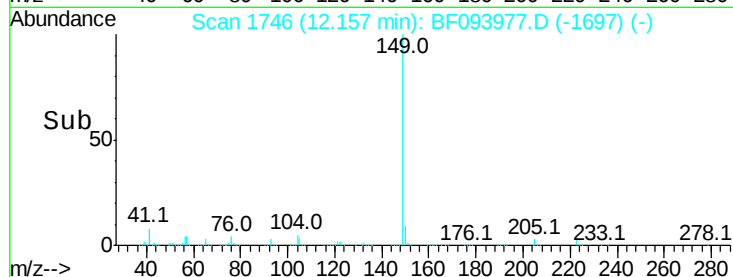
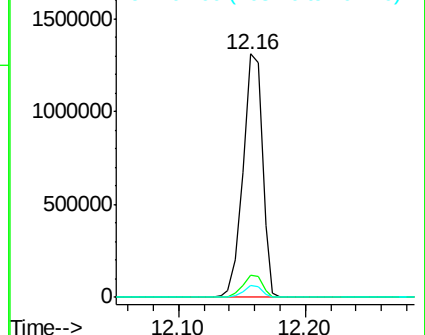
104 4.7 4.0 6.0



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: 37.90 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

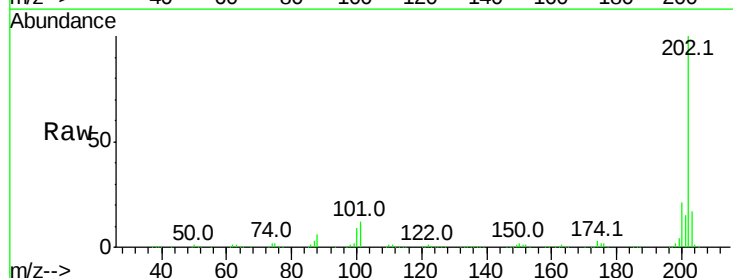
Tgt Ion:202 Resp: 1058734

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

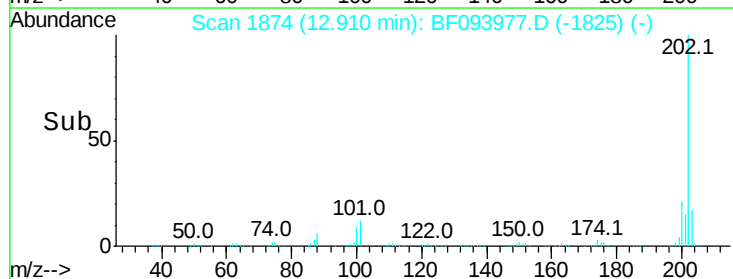
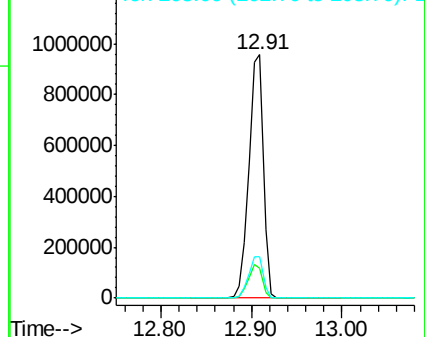
203 17.0 0.0 38.1

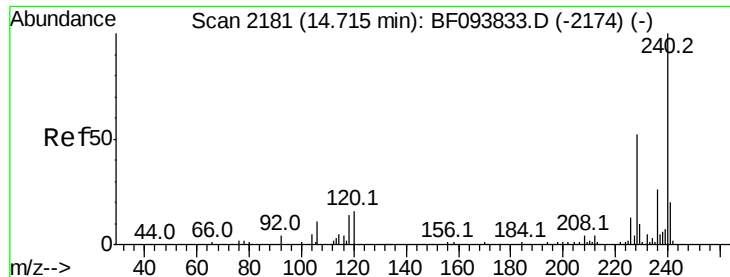


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

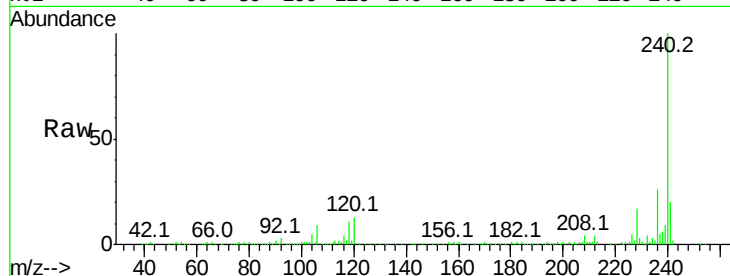
Tot Ion:240 Resp: 303875

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

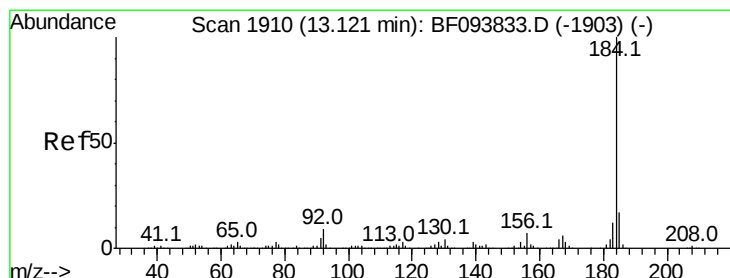
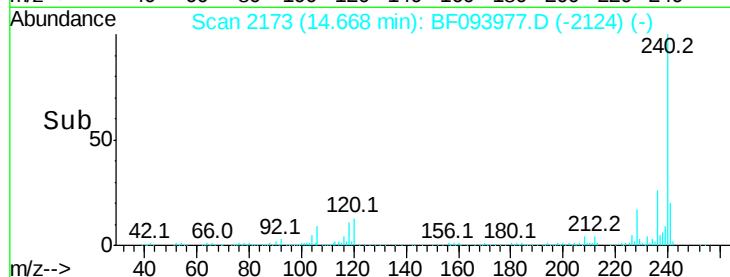
14.67

200000

100000

0

Time--> 14.60 14.70



#76

Benzidine

Concen: 21.64 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

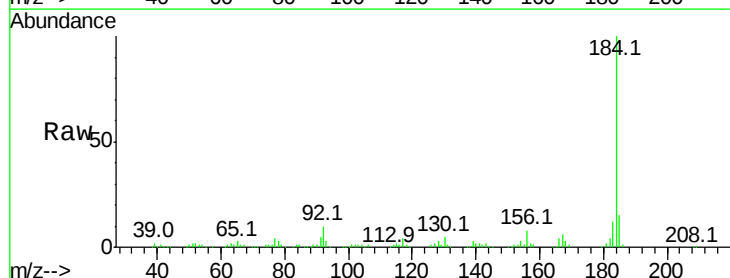
Tgt Ion:184 Resp: 260241

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

13.07

250000

200000

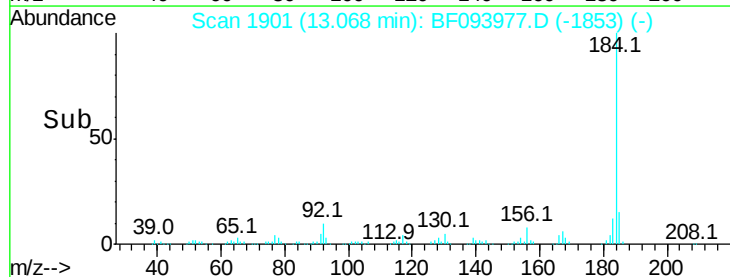
150000

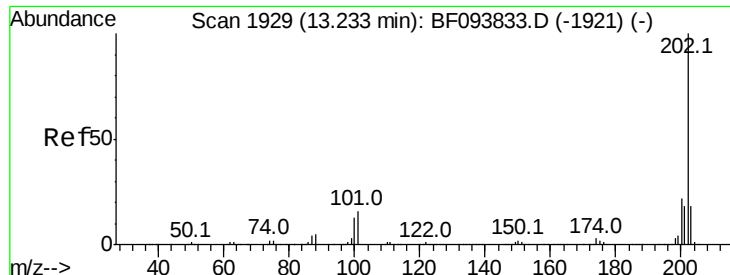
100000

50000

0

Time--> 13.00 13.10 13.20





#77

Pvrene

Concen: 46.45 ng

RT: 13.19 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

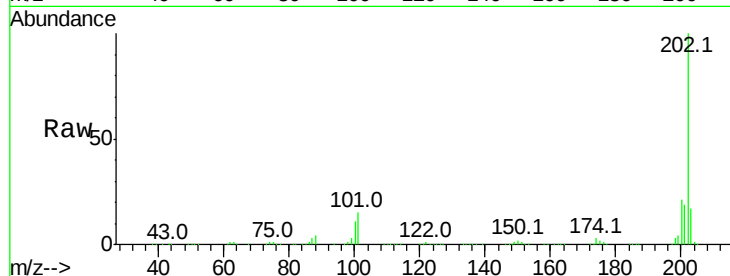
Tot Ion:202 Resp: 1024352

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

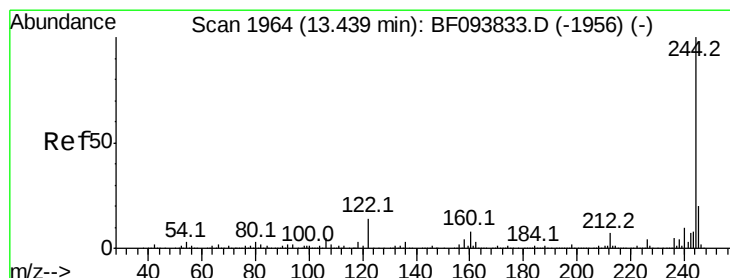
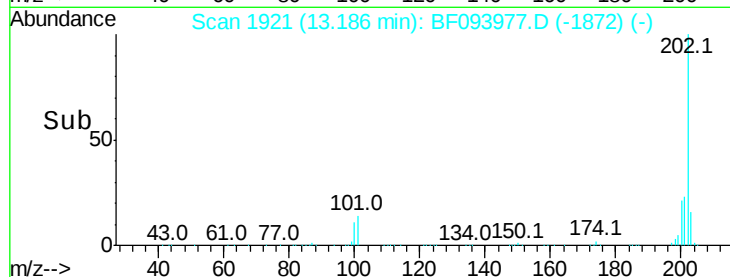
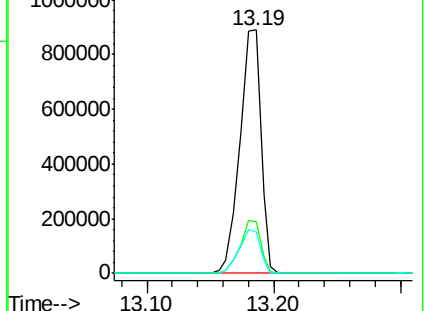
203 17.2 14.4 21.6



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: 87.61 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

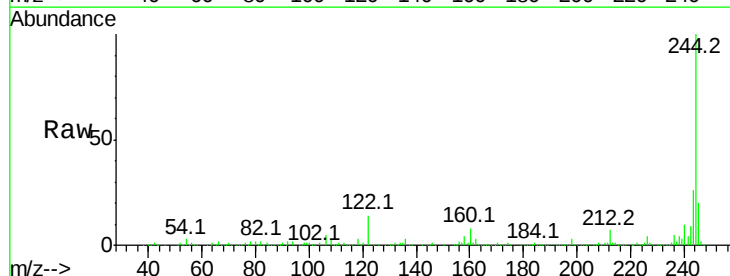
Tgt Ion:244 Resp: 1187739

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

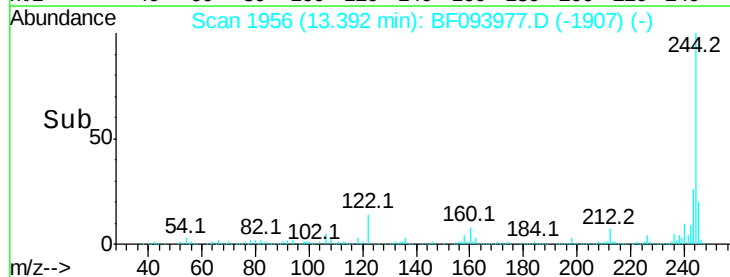
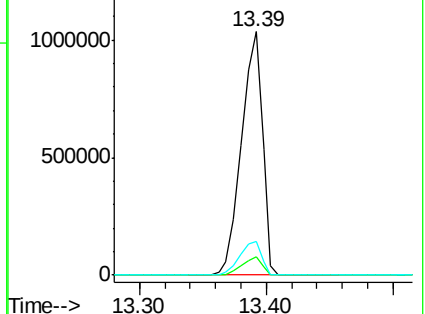
122 13.9 10.3 15.5



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

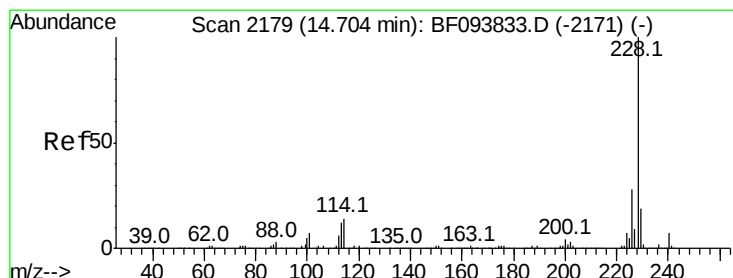
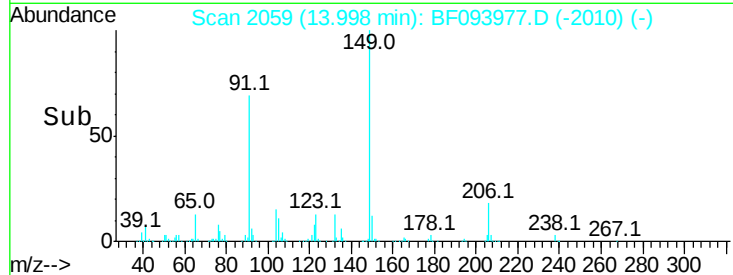
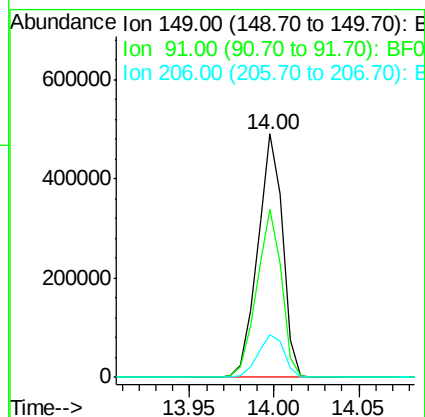
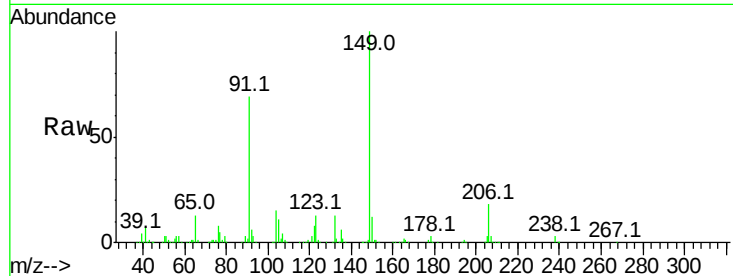




#79
Butylbenzylphthalate
Concen: 53.45 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

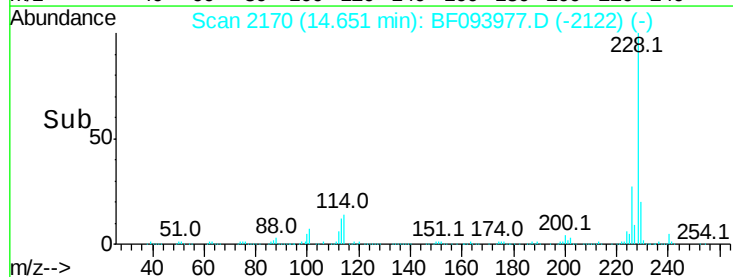
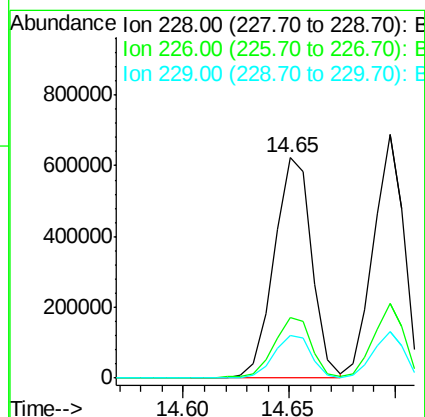
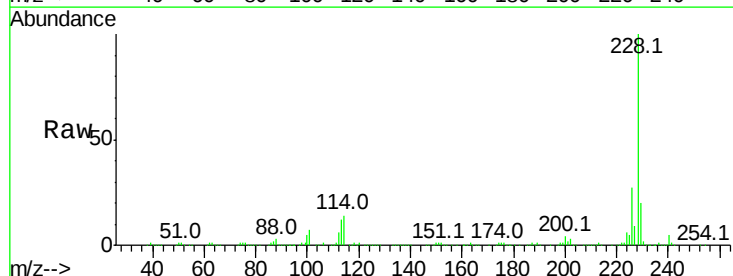
Instrument :
BNA_F
ClientSampleId :
PB97833BSD

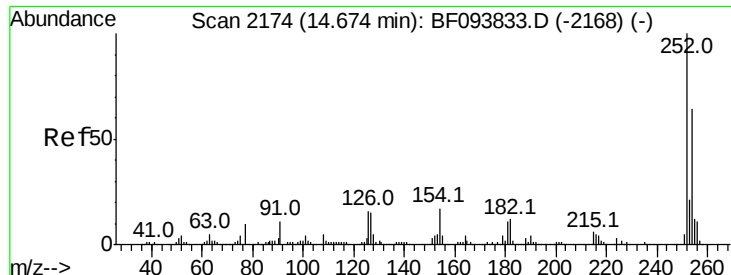
Tot Ion:149 Resp: 502226
Ion Ratio Lower Upper
149 100
91 69.2 45.0 67.4#
206 17.8 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.59 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion:228 Resp: 772453
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.6 16.3 24.5

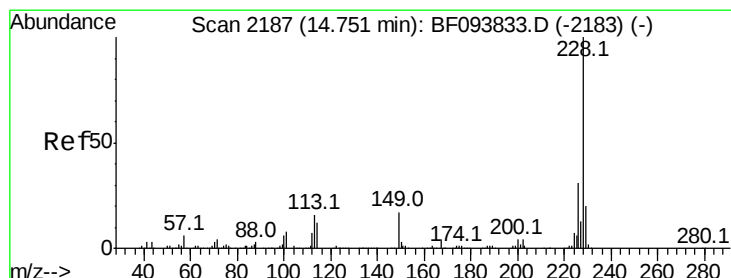
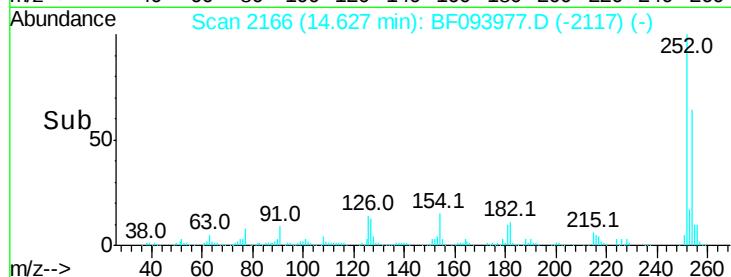
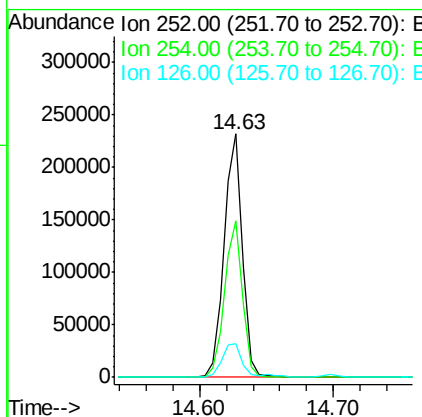
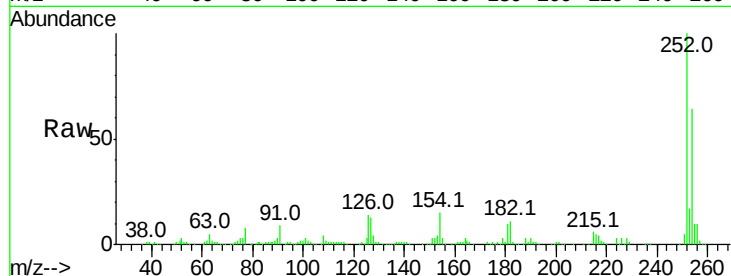




#81
 3,3'-Dichlorobenzidine
 Concen: 35.54 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

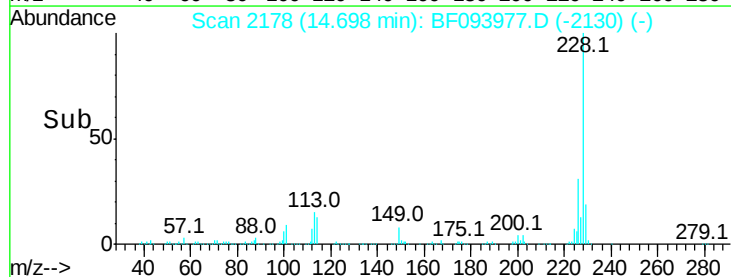
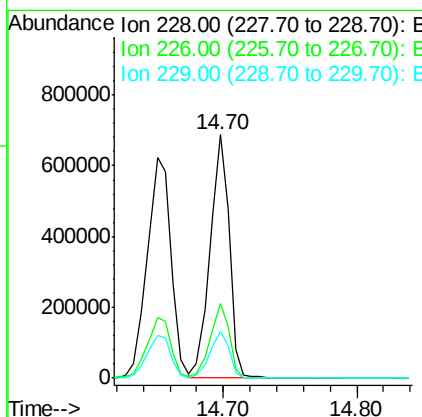
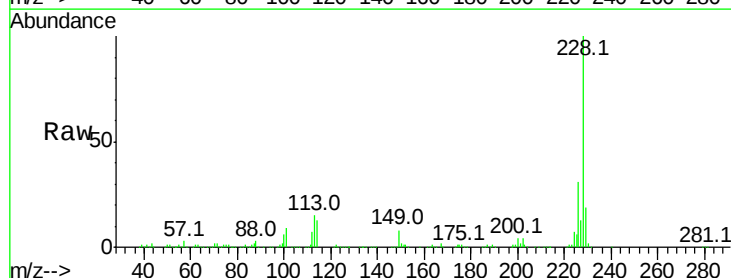
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion:252 Resp: 225089
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 13.7 15.8 23.8#



#82
 Chrysene
 Concen: 42.23 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:228 Resp: 694473
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 19.3 15.8 23.6

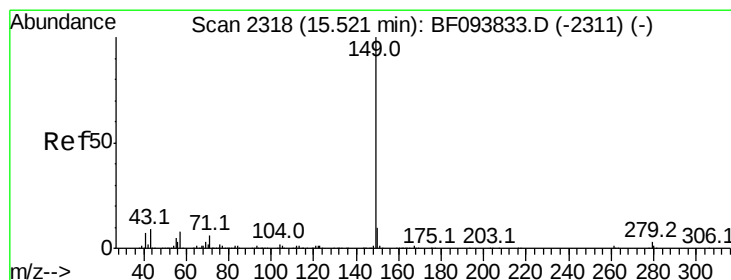
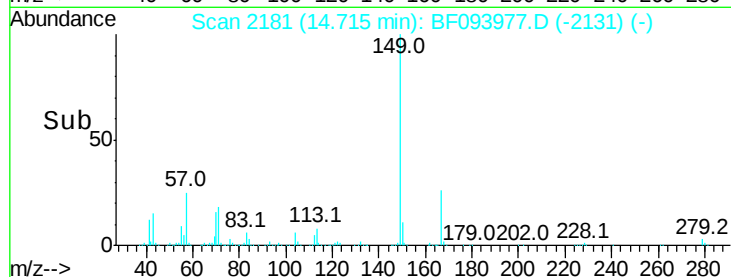
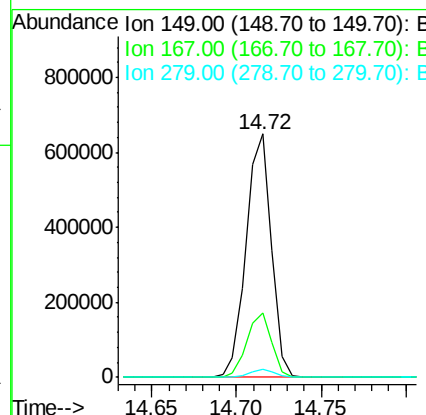
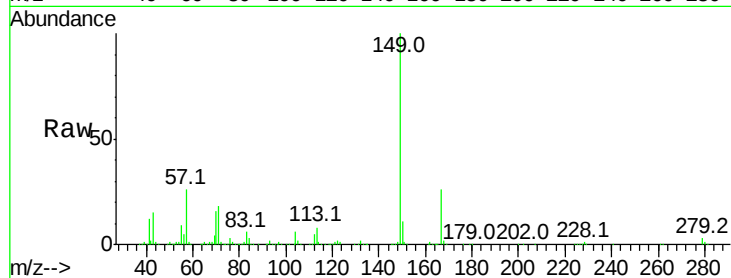




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.86 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

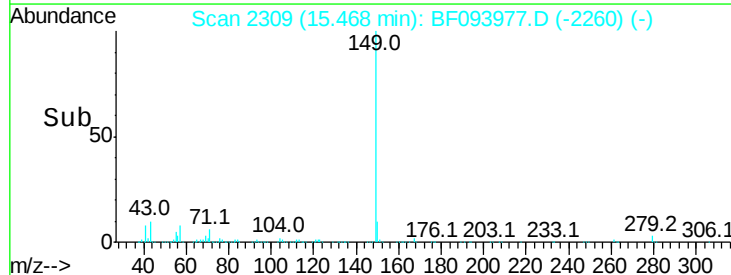
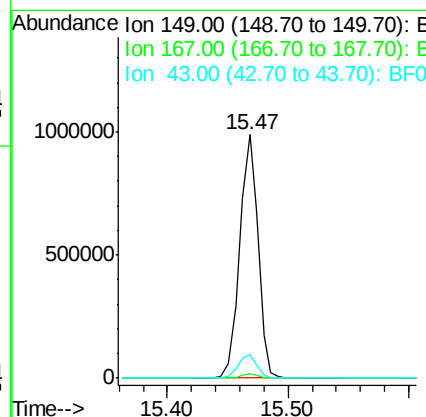
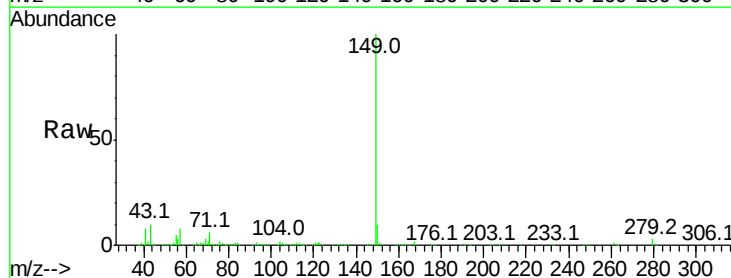
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

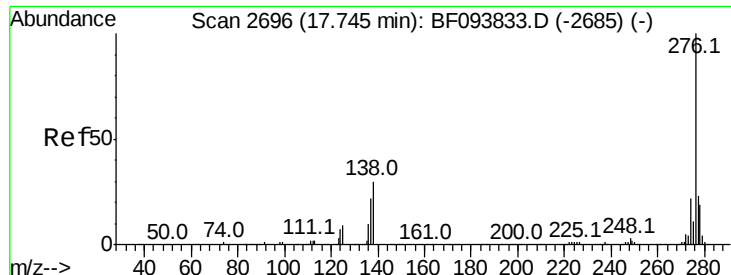
Tot Ion:149 Resp: 677616
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.96 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:149 Resp: 1048633
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7

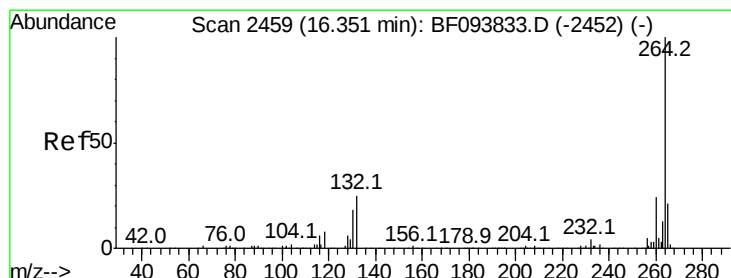
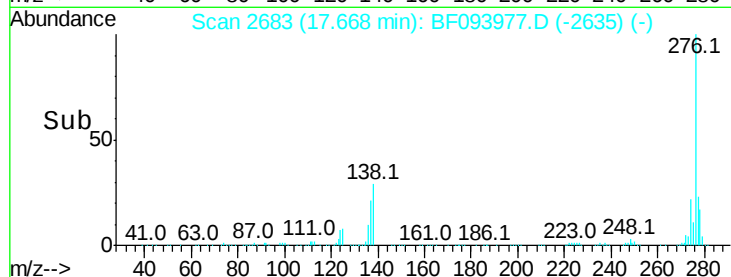
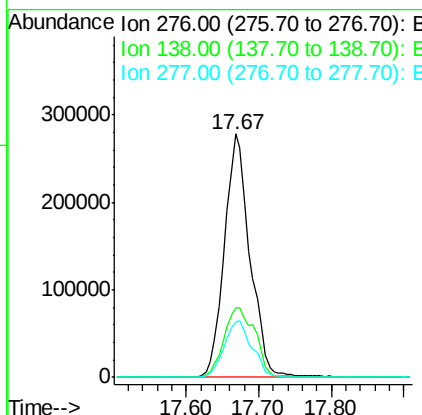
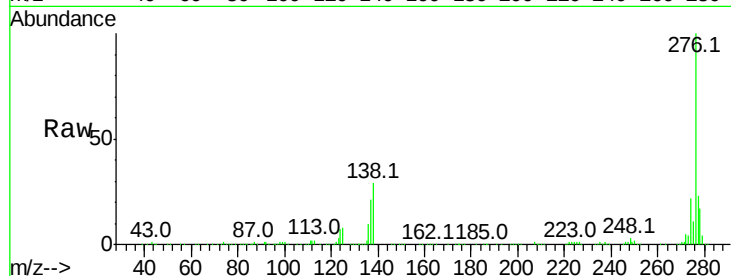




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.87 ng
 RT: 17.67 min Scan# 2683
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

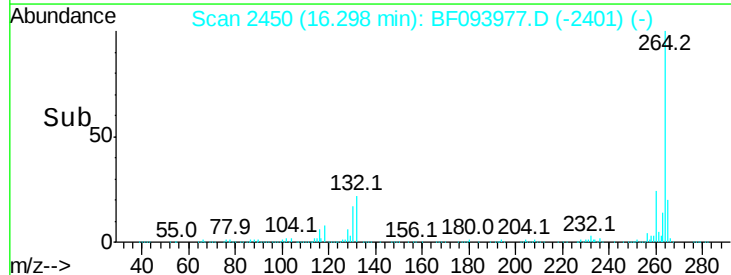
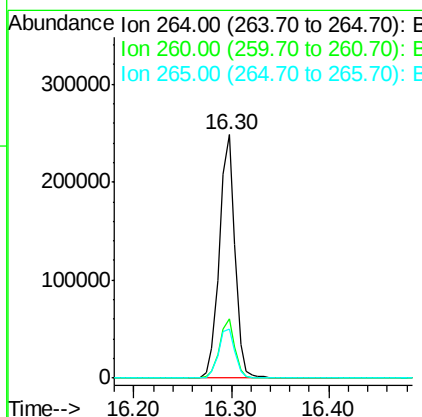
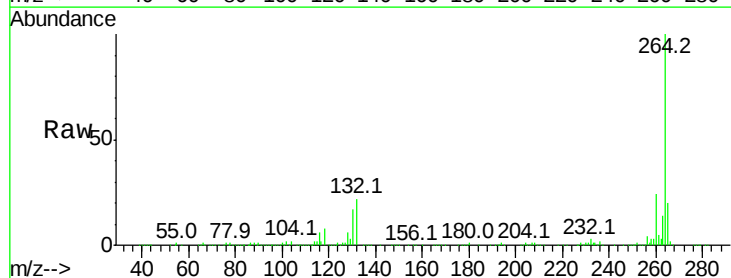
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

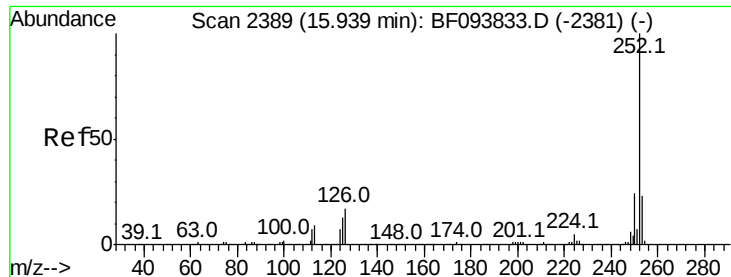
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.50 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

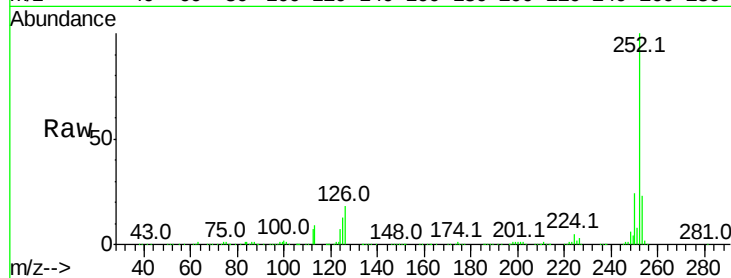
Tot Ion:252 Resp: 754241

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

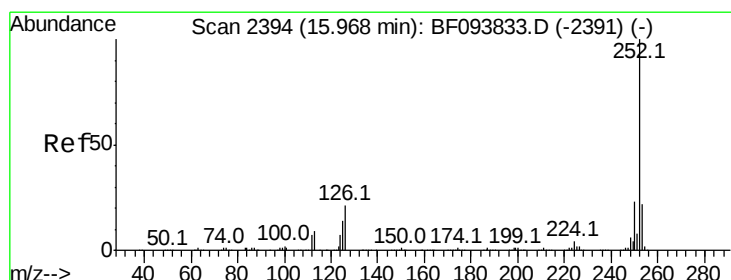
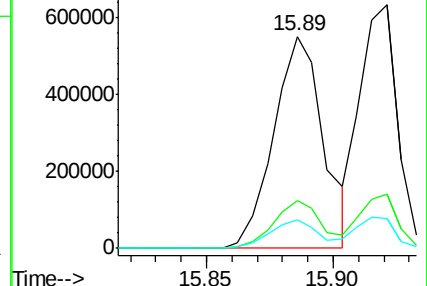
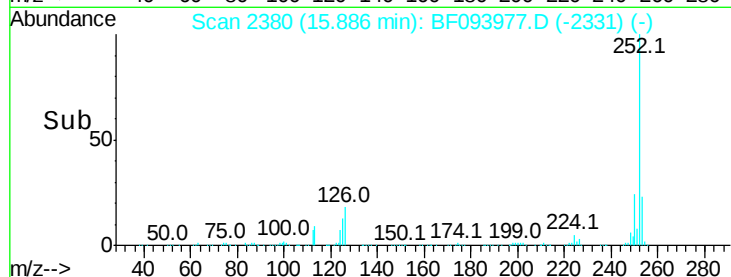
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.49 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.05 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

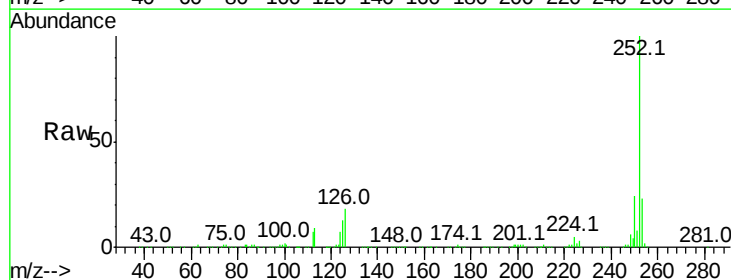
Tgt Ion:252 Resp: 754241

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

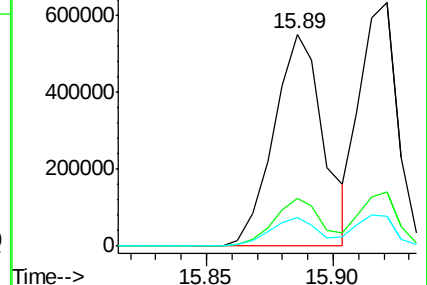
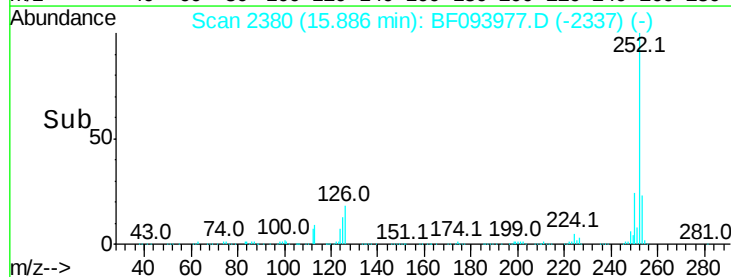
125 13.5 13.1 19.7

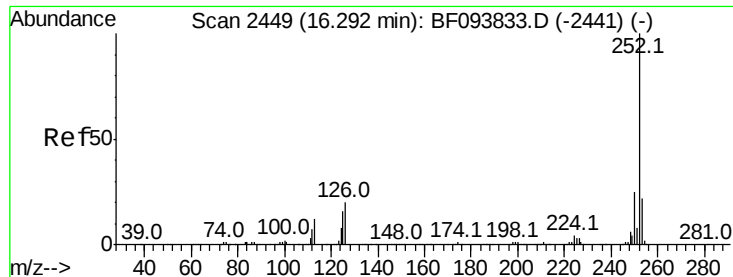


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.92 ng

RT: 16.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

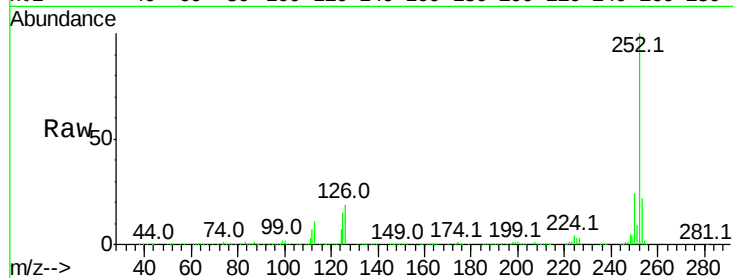
Tot Ion:252 Resp: 685492

Ion Ratio Lower Upper

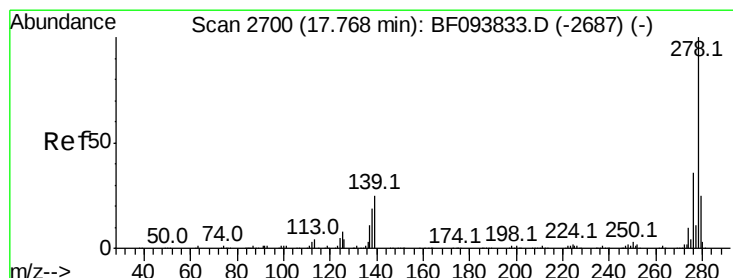
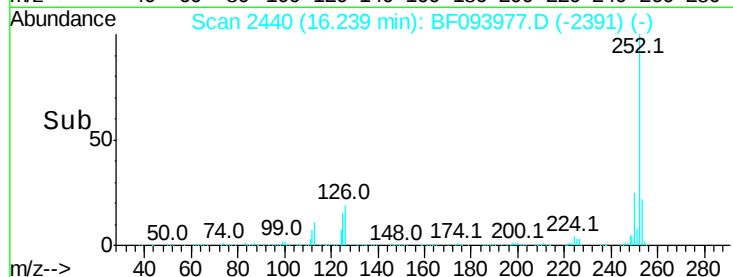
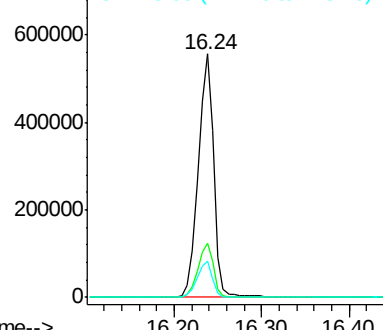
252 100

253 22.2 17.5 26.3

125 14.6 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 43.77 ng

RT: 17.69 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

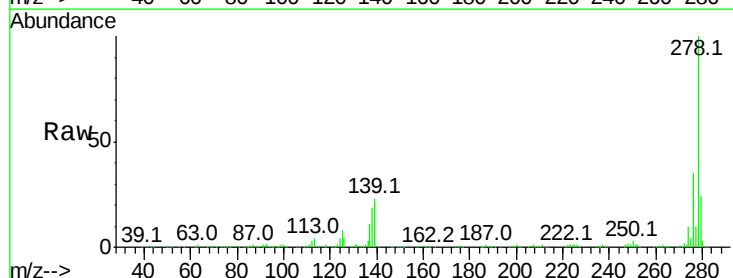
Tgt Ion:278 Resp: 578568

Ion Ratio Lower Upper

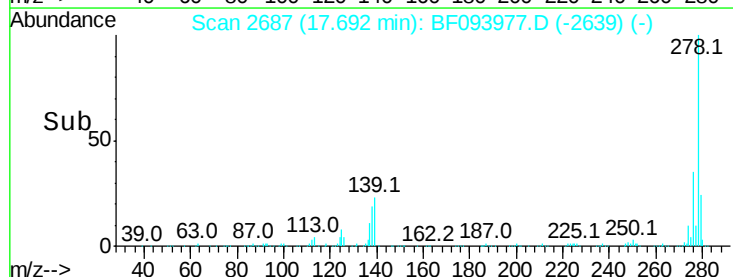
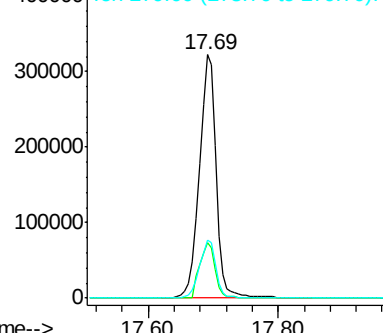
278 100

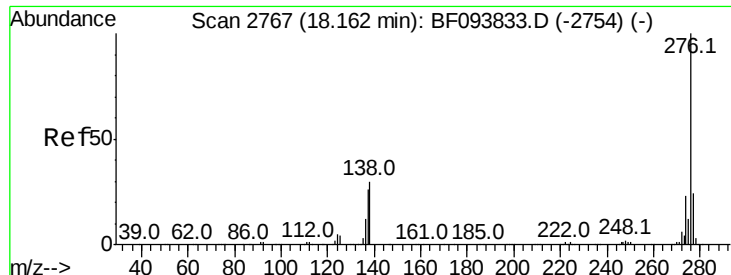
139 23.0 16.6 24.8

279 23.9 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 40.39 ng

RT: 18.07 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

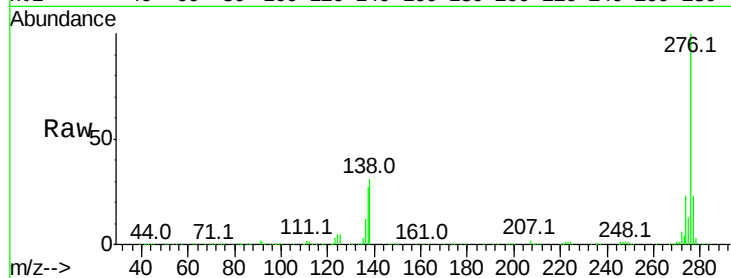
Tot Ion:276 Resp: 537943

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.3 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

