

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093987.D
 Acq On : 28 Mar 2017 12:04
 Operator : SJ/MA
 Sample : I2411-03MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 13:48:23 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	173313	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	700827	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	304815	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	493196	20.00	ng	0.00
75) Chrysene-d12	14.66	240	312279	20.00	ng	-0.02
86) Perylene-d12	16.30	264	289570	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	1456240	141.92	ng	0.00
7) Phenol-d6	5.55	99	1895365	149.31	ng	0.00
23) Nitrobenzene-d5	6.59	82	1169984	95.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	353926	146.94	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1853374	92.74	ng	0.00
78) Terphenyl-d14	13.39	244	1279537	91.84	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	202611	41.10	ng	97
3) Pyridine	2.84	79	568073	42.28	ng	99
4) n-Nitrosodimethylamine	2.80	42	268343	48.54	ng	94
6) Aniline	5.57	93	314936	17.84	ng	# 83
8) 2-Chlorophenol	5.70	128	564533	50.05	ng	98
9) Benzaldehyde	5.43	77	129921	15.16	ng	98
10) Phenol	5.56	94	688904	47.69	ng	100
11) bis(2-Chloroethyl)ether	5.65	93	530816	47.02	ng	95
12) 1,3-Dichlorobenzene	5.87	146	605170	47.83	ng	98
13) 1,4-Dichlorobenzene	5.96	146	610528	47.65	ng	96
14) 1,2-Dichlorobenzene	6.14	146	560209	47.47	ng	95
15) Benzyl Alcohol	6.11	79	469886	50.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.27	45	755456	43.43	ng	98
17) 2-Methylphenol	6.25	107	483978	50.10	ng	100
18) Hexachloroethane	6.53	117	204751	45.46	ng	# 84
19) n-Nitroso-di-n-propylamine	6.43	70	386256	47.34	ng	97
20) 3+4-Methylphenols	6.43	107	580851	49.65	ng	# 67
22) Acetophenone	6.42	105	792903	50.76	ng	# 89
24) Nitrobenzene	6.62	77	585949	48.38	ng	96
25) Isophorone	6.90	82	1049819	48.65	ng	95
26) 2-Nitrophenol	6.99	139	320049	55.41	ng	99
27) 2,4-Dimethylphenol	7.06	122	510035	51.25	ng	98
28) bis(2-Chloroethoxy)methane	7.16	93	686137	48.22	ng	98
29) 2,4-Dichlorophenol	7.29	162	487280	52.37	ng	99
30) 1,2,4-Trichlorobenzene	7.38	180	469531	48.99	ng	99
31) Naphthalene	7.47	128	1588945	47.15	ng	100
32) Benzoic acid	7.14	122	27735	4.19	ng	96
33) 4-Chloroaniline	7.53	127	124660	9.13	ng	93
34) Hexachlorobutadiene	7.63	225	231868	47.18	ng	99
35) Caprolactam	7.99	113	93592	31.54	ng	91
36) 4-Chloro-3-methylphenol	8.16	107	507734	52.22	ng	88
37) 2-Methylnaphthalene	8.32	142	1073272	47.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	398894	47.84	ng	100
40) Hexachlorocyclopentadiene	8.52	237	242870	62.24	ng	99

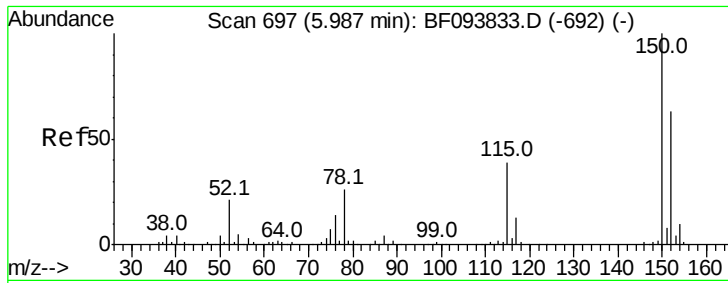
Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
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Quant Time: Mar 28 13:48:23 2017
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 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	319066	54.08	nq	97
43) 2,4,5-Trichlorophenol	8.72	196	316080	49.51	nq	95
45) 1,1'-Biphenyl	8.89	154	1161522	47.24	nq	98
46) 2-Chloronaphthalene	8.91	162	937085	48.69	nq	95
47) 2-Nitroaniline	9.04	65	286108	50.11	nq	# 82
48) Acenaphthylene	9.42	152	1438493	44.97	nq	99
49) Dimethylphthalate	9.28	163	1213344	56.00	nq	100
50) 2,6-Dinitrotoluene	9.35	165	253793	51.10	nq	92
51) Acenaphthene	9.63	154	852185	45.66	nq	100
52) 3-Nitroaniline	9.54	138	143461	24.60	nq	93
53) 2,4-Dinitrophenol	9.67	184	80807	33.29	nq	# 66
54) Dibenzofuran	9.85	168	1227689	48.32	nq	100
55) 4-Nitrophenol	9.78	139	406894	89.08	nq	# 69
56) 2,4-Dinitrotoluene	9.84	165	302626	48.50	nq	# 73
57) Fluorene	10.27	166	900887	42.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	226813	51.78	nq	98
59) Diethylphthalate	10.15	149	1046950	48.89	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	393994	43.90	nq	90
61) 4-Nitroaniline	10.30	138	240383	42.95	nq	97
62) Azobenzene	10.47	77	994463	49.09	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	89480	29.62	nq	# 74
65) n-Nitrosodiphenylamine	10.42	169	875628	51.34	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	245708	50.65	nq	94
67) Hexachlorobenzene	10.95	284	241068	49.09	nq	# 88
68) Atrazine	11.09	200	257487	50.40	nq	96
69) Pentachlorophenol	11.19	266	251985	82.45	nq	99
70) Phenanthrene	11.44	178	1267167	46.19	nq	99
71) Anthracene	11.51	178	1314462	46.53	nq	99
72) Carbazole	11.71	167	1237743	42.73	nq	98
73) Di-n-butylphthalate	12.16	149	1526635	50.68	nq	99
74) Fluoranthene	12.90	202	1159928	41.29	nq	99
76) Benzidine	13.07	184	443138	35.85	nq	# 92
77) Pyrene	13.18	202	1127624	49.76	nq	100
79) Butylbenzylphthalate	14.00	149	558680	57.86	nq	# 84
80) Benzo(a)anthracene	14.65	228	864367	47.47	nq	99
81) 3,3'-Dichlorobenzidine	14.63	252	251720	38.67	nq	# 96
82) Chrysene	14.70	228	768149	45.46	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	757578	57.50	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1190782	54.11	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	766041	52.34	nq	99
87) Benzo(b)fluoranthene	15.89	252	860263	48.47	nq	97
88) Benzo(k)fluoranthene	15.92	252	724032	41.69	nq	97
89) Benzo(a)pyrene	16.24	252	776124	47.48	nq	99
90) Dibenzo(a,h)anthracene	17.69	278	650048	46.96	nq	97
91) Benzo(g,h,i)perylene	18.07	276	609975	43.72	nq	99

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

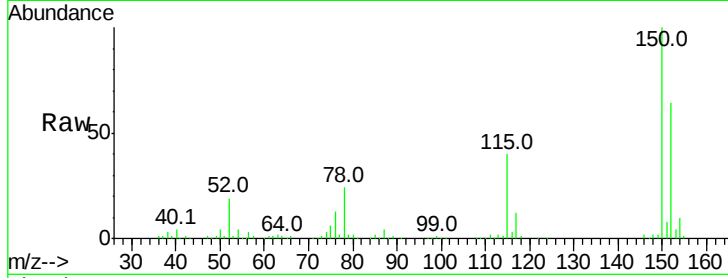


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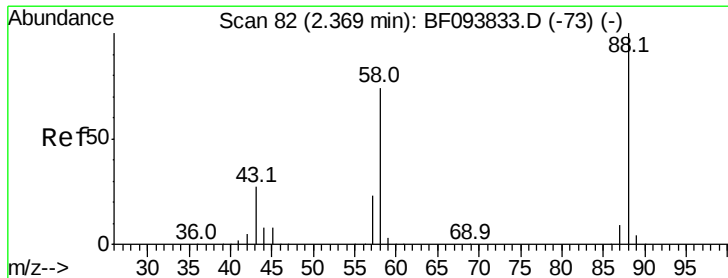
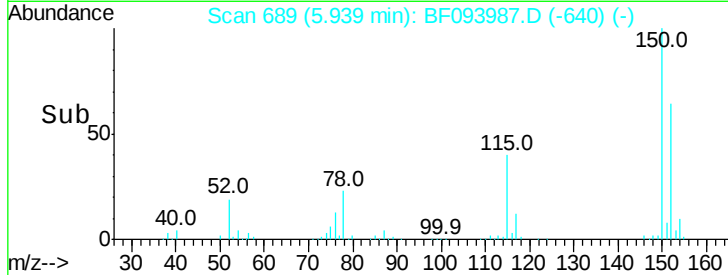
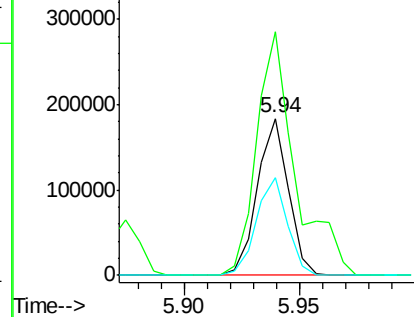
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173313
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 61.9 52.2 78.2



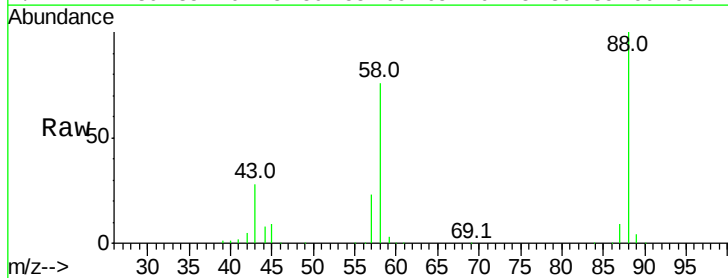
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



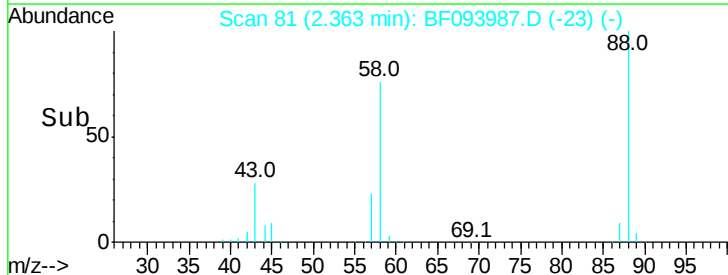
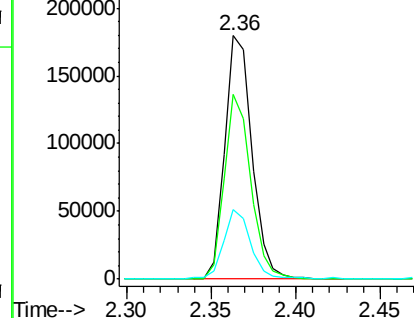
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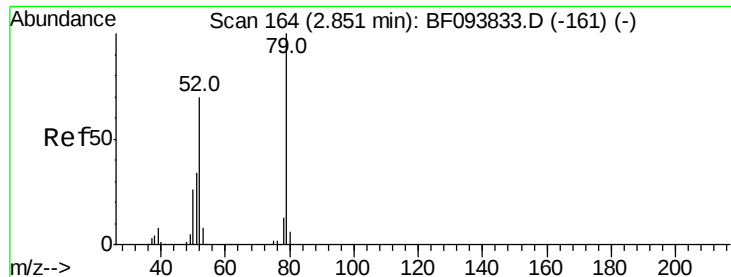
1,4-Dioxane
Concen: 41.10 ng
RT: 2.36 min Scan# 81
Delta R.T. 0.04 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion: 88 Resp: 202611
Ion Ratio Lower Upper
88 100
58 73.9 61.4 92.0
43 27.9 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.28 ng

RT: 2.84 min Scan# 162

Delta R.T. 0.03 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

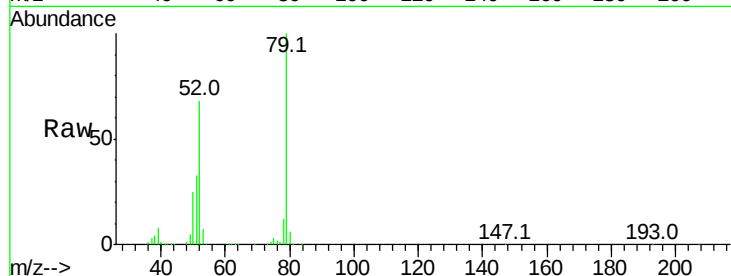
Tot Ion: 79 Resp: 568073

Ion Ratio Lower Upper

79 100

52 68.2 54.8 82.2

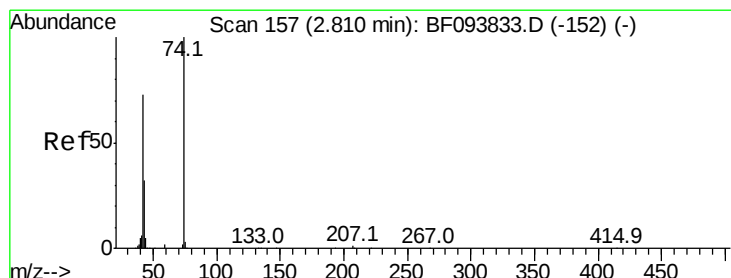
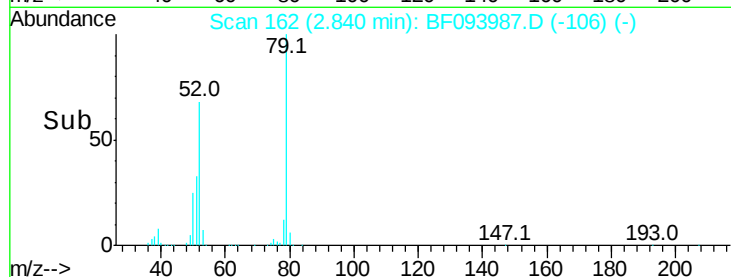
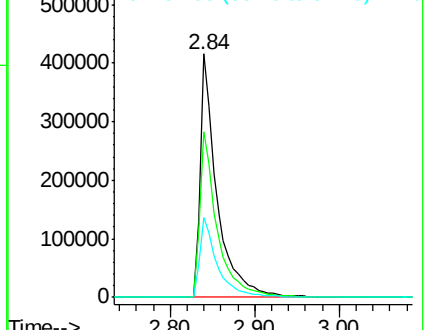
51 33.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.54 ng

RT: 2.80 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

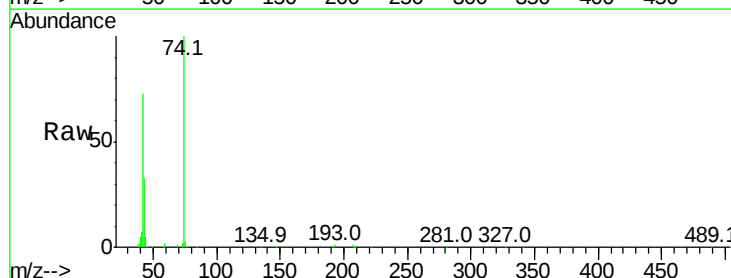
Tgt Ion: 42 Resp: 268343

Ion Ratio Lower Upper

42 100

74 136.9 103.9 155.9

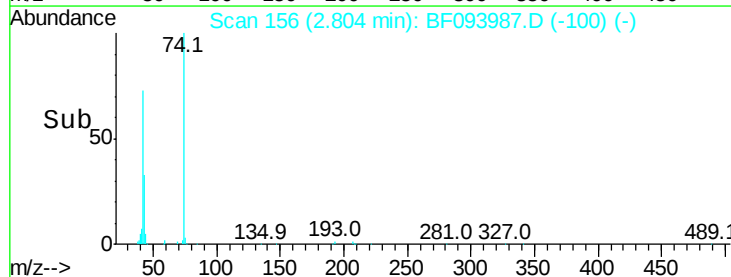
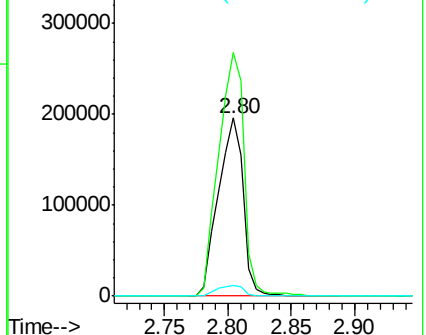
44 6.3 5.7 8.5

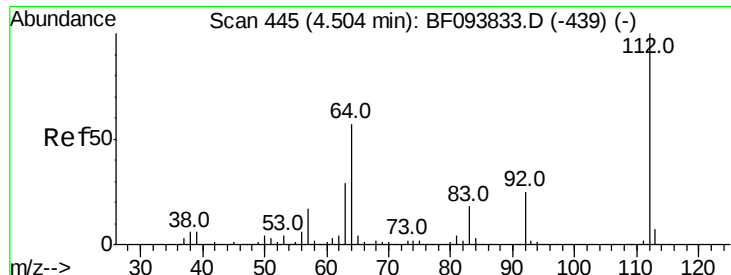


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.92 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

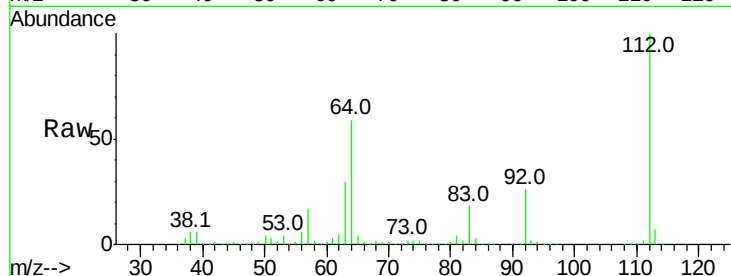
Tot Ion:112 Resp: 1456240

Ion Ratio Lower Upper

112 100

64 58.6 46.0 69.0

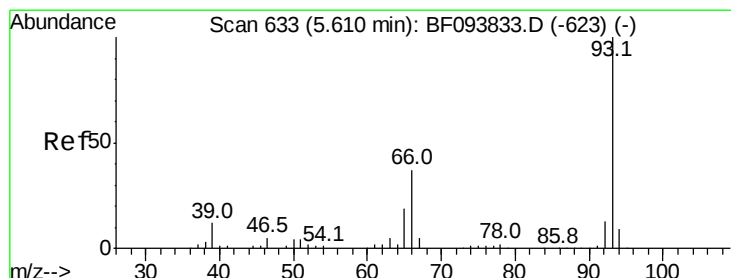
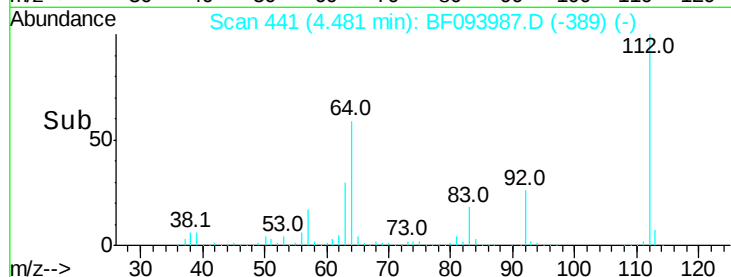
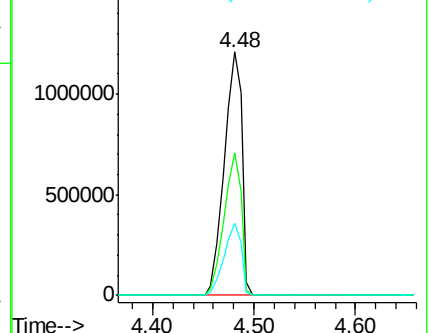
63 29.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.84 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

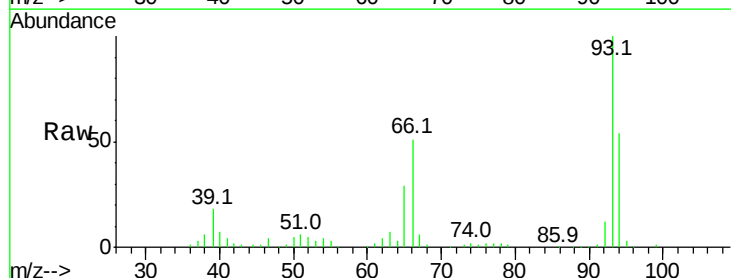
Tgt Ion: 93 Resp: 314936

Ion Ratio Lower Upper

93 100

66 50.9 32.9 49.3#

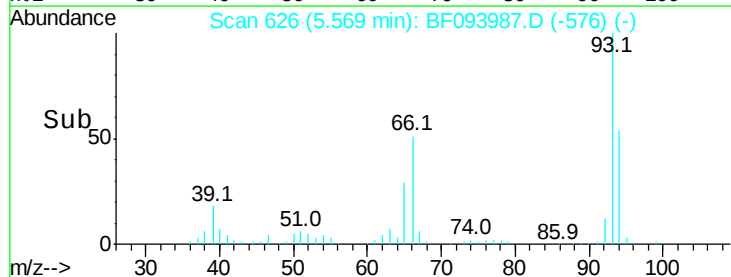
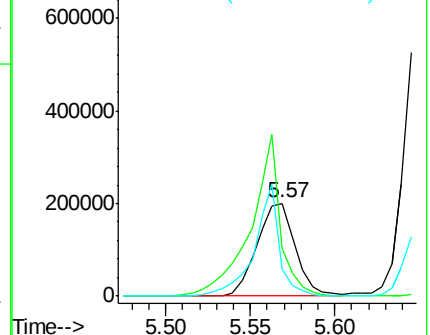
65 29.1 16.0 24.0#

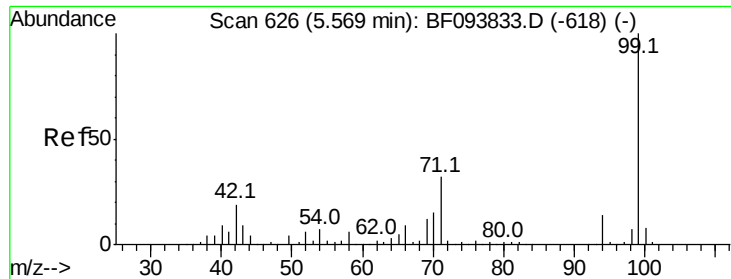


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.31 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampled :

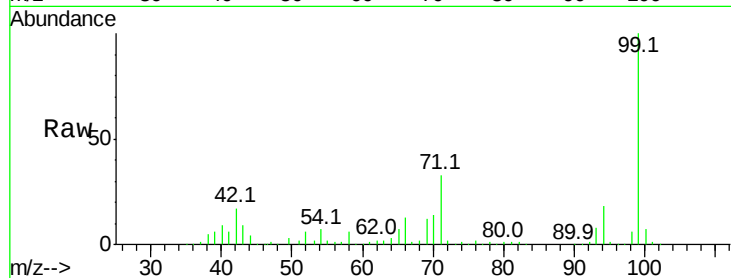
Tot Ion: 99 Resp: 1895365

Ion Ratio Lower Upper

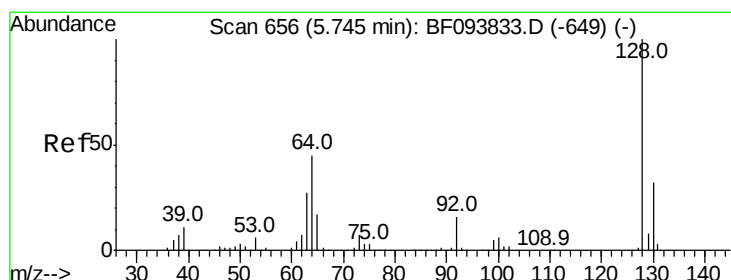
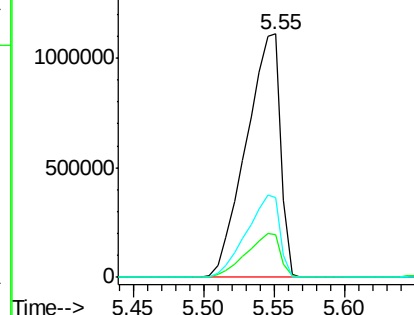
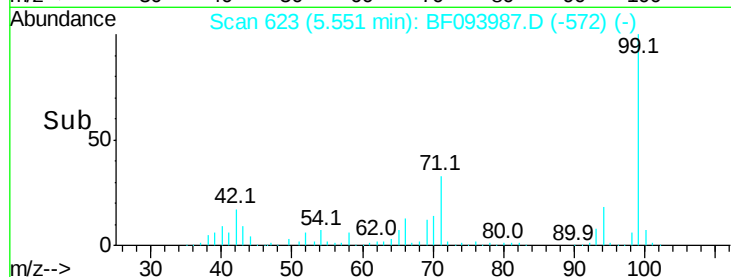
99 100

42 17.3 13.5 20.3

71 33.0 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: 50.05 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

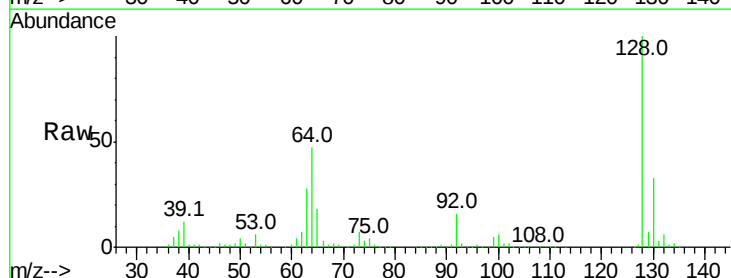
Tgt Ion:128 Resp: 564533

Ion Ratio Lower Upper

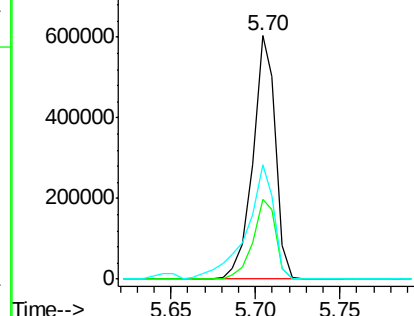
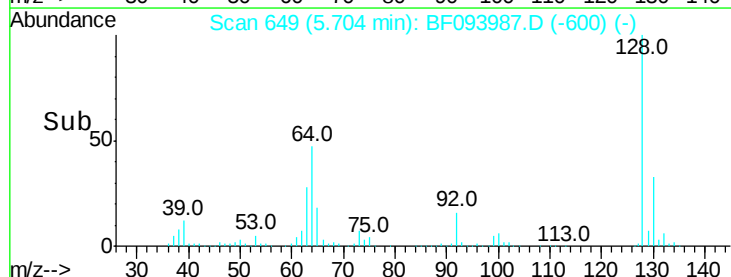
128 100

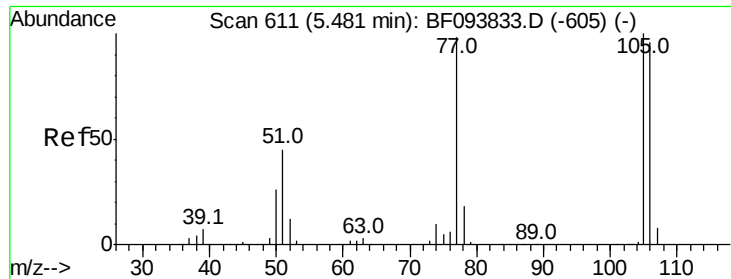
130 32.6 12.9 52.9

64 46.8 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

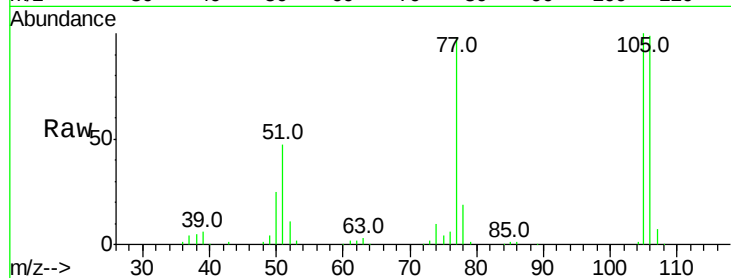




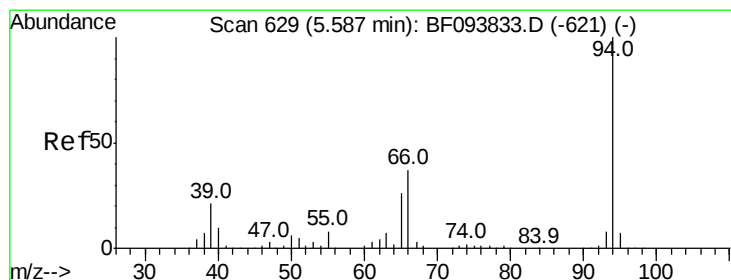
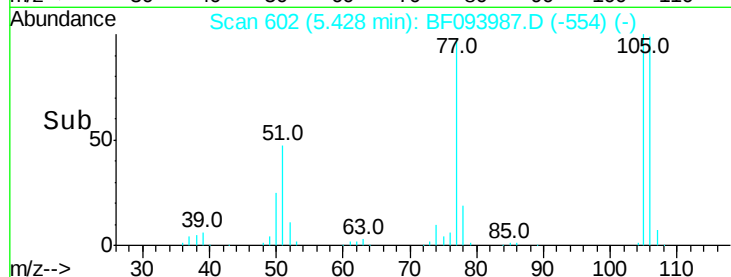
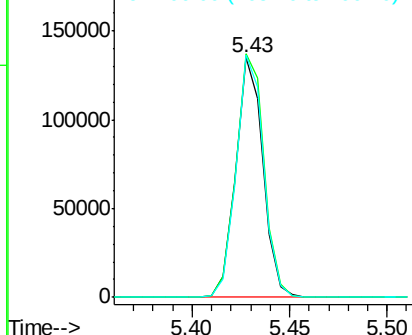
#9
Benzaldehyde
Concen: 15.16 ng
RT: 5.43 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 129921
Ion Ratio Lower Upper
77 100
105 101.6 83.8 123.8
106 100.9 79.1 119.1

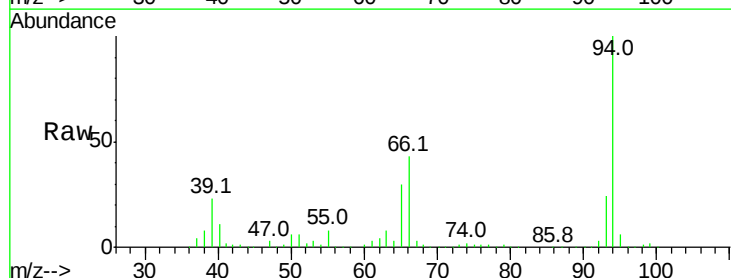


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

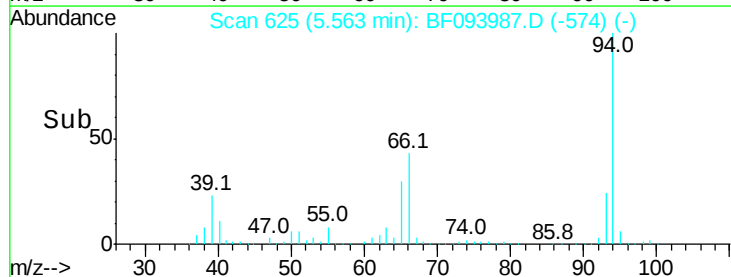
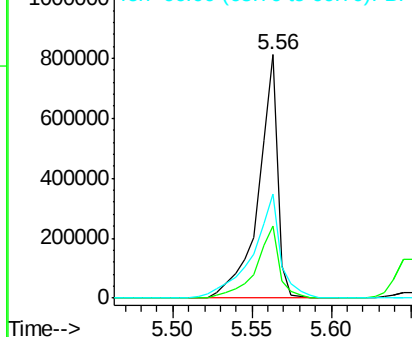


#10
Phenol
Concen: 47.69 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion: 94 Resp: 688904
Ion Ratio Lower Upper
94 100
65 29.7 9.9 49.9
66 43.0 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: 47.02 ng

RT: 5.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

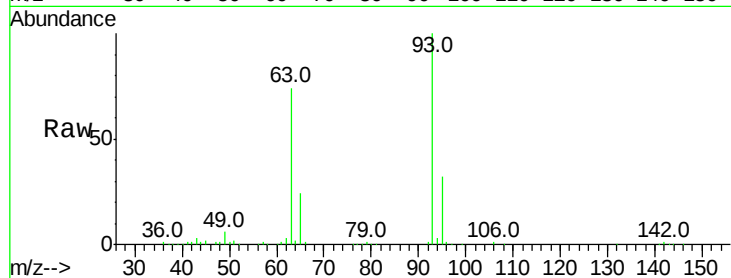
Tot Ion: 93 Resp: 530816

Ion Ratio Lower Upper

93 100

63 73.6 59.2 99.2

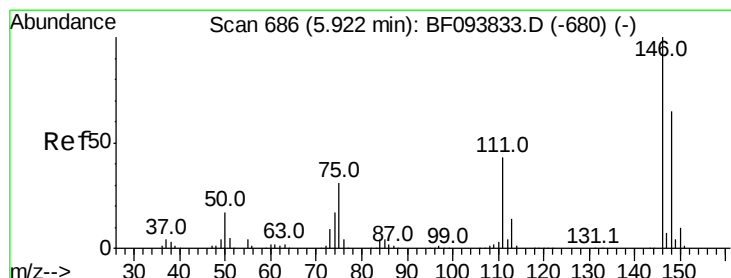
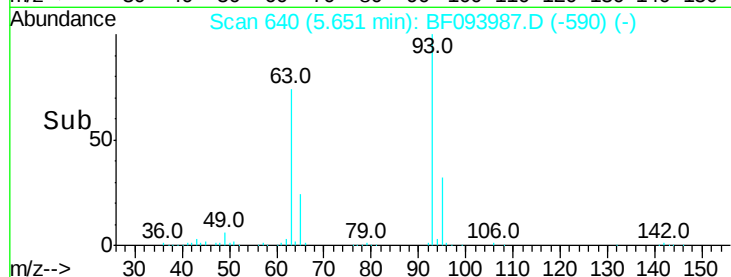
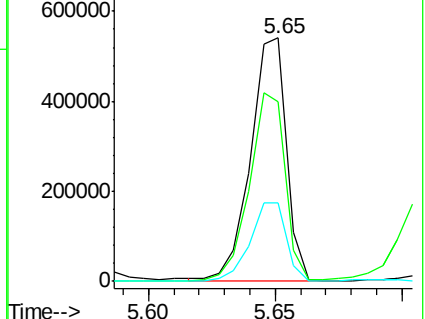
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.83 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

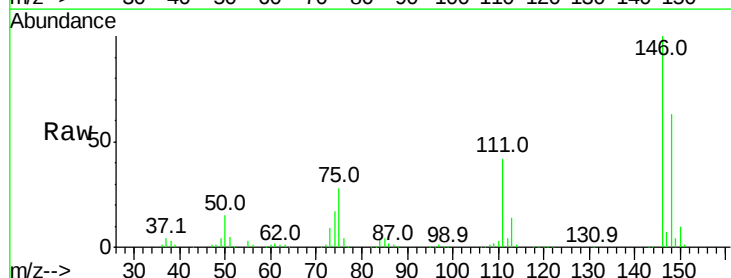
Tgt Ion: 146 Resp: 605170

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

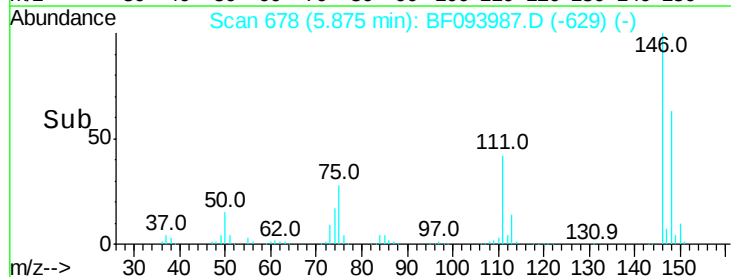
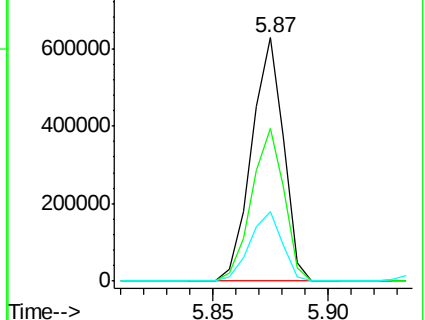
75 28.5 23.1 34.7

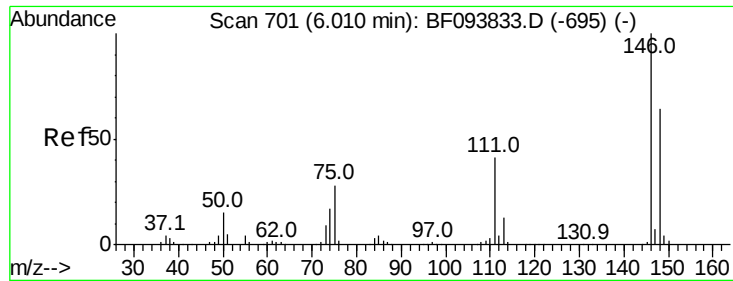


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

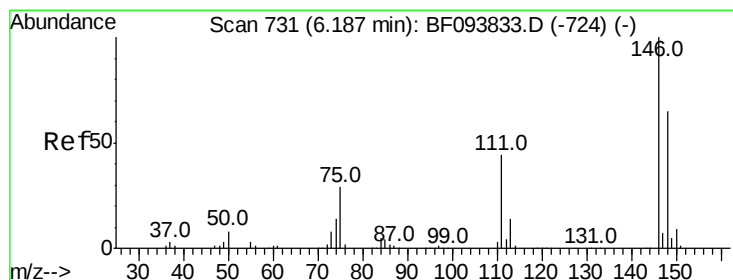
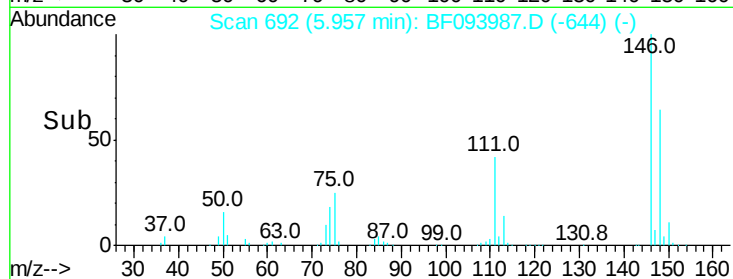
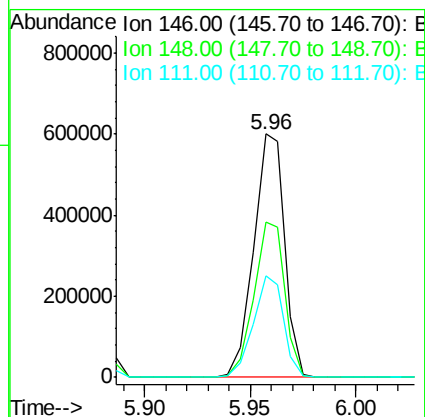
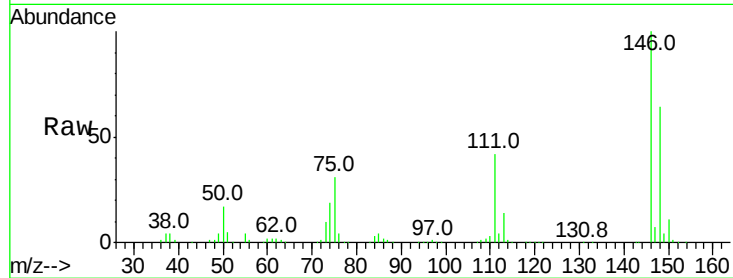




#13
 1,4-Dichlorobenzene
 Concen: 47.65 ng
 RT: 5.96 min Scan# 692
 Delta R.T. -0.02 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

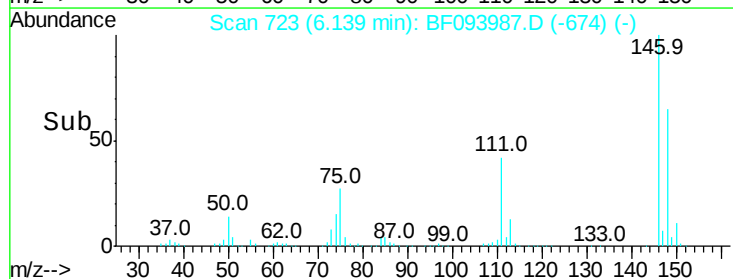
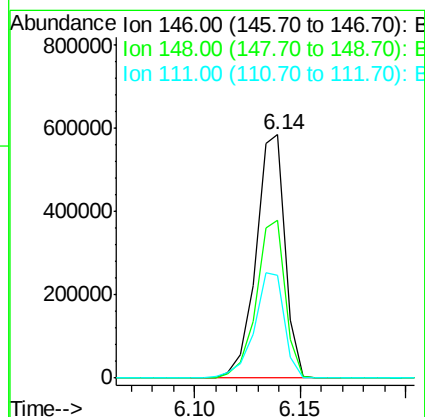
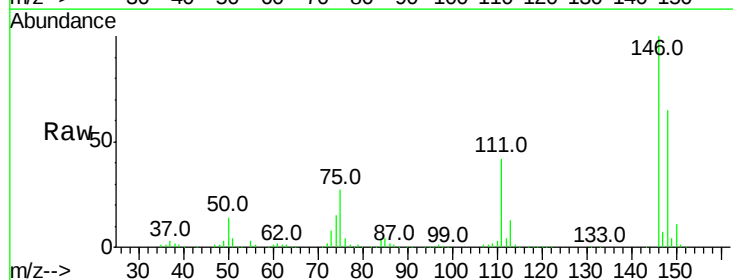
Instrument :
 BNA_F
 ClientSampleId :

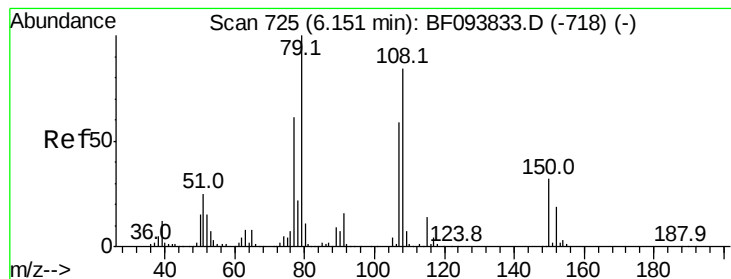
Tot Ion:146 Resp: 610528
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 41.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 47.47 ng
 RT: 6.14 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:146 Resp: 560209
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.4 75.6
 111 42.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 50.57 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampled :

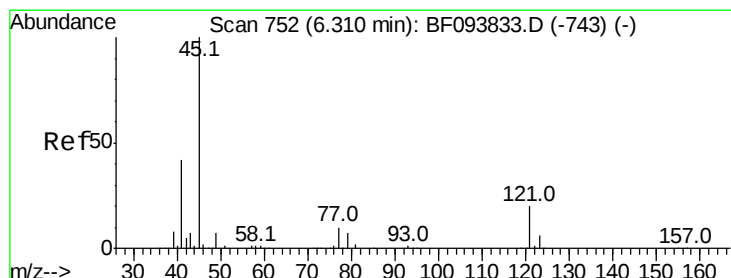
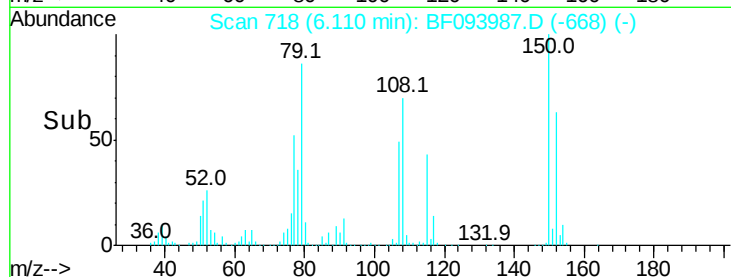
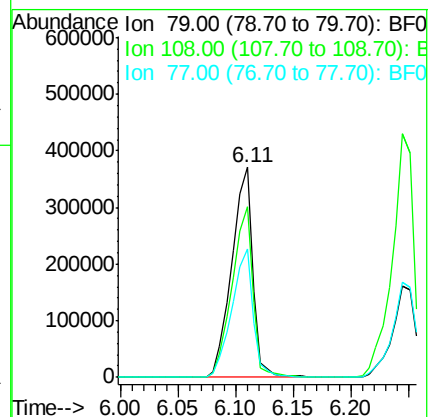
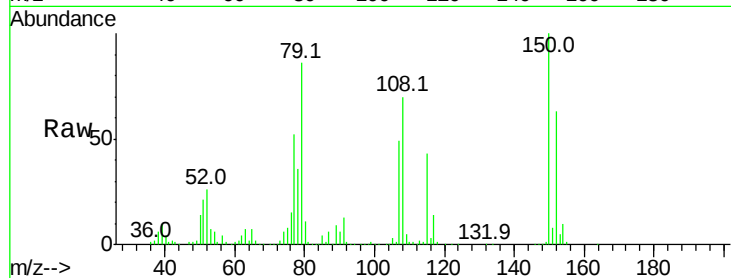
Tot Ion: 79 Resp: 469886

Ion Ratio Lower Upper

79 100

108 81.3 63.4 95.0

77 61.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.43 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

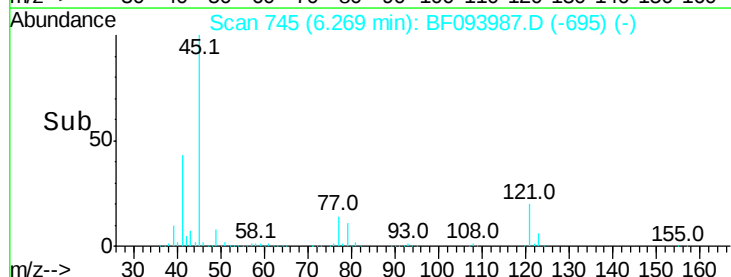
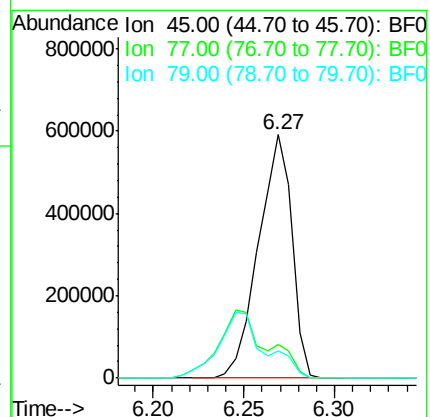
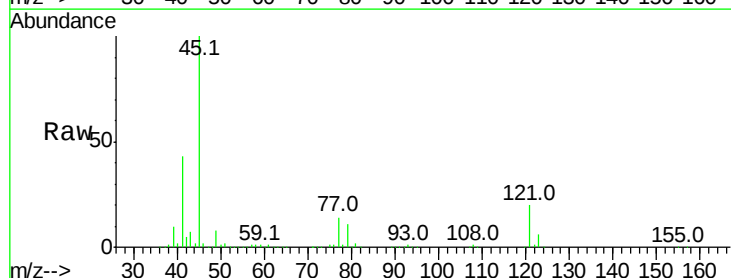
Tgt Ion: 45 Resp: 755456

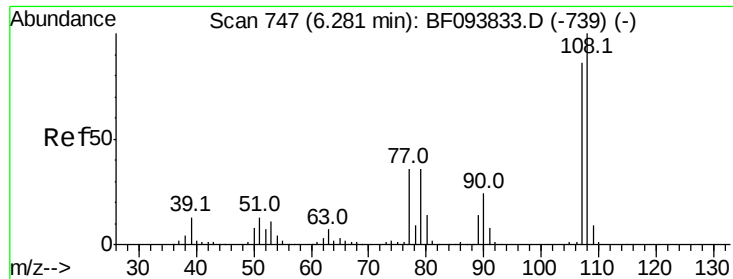
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.2

79 11.4 0.0 30.0





#17

2-Methylphenol

Concen: 50.10 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 483978

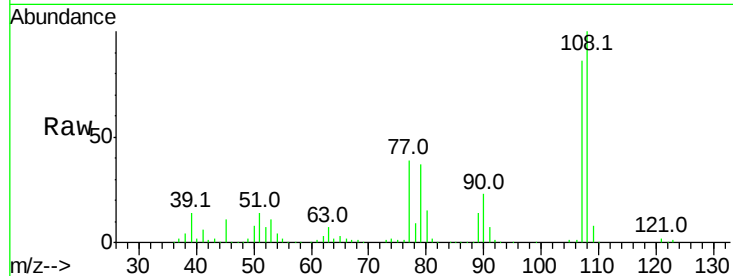
Ion Ratio Lower Upper

107 100

108 116.3 93.4 140.0

77 45.1 35.8 53.6

79 43.4 34.8 52.2

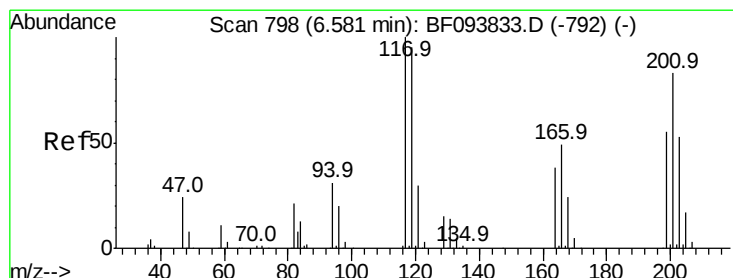
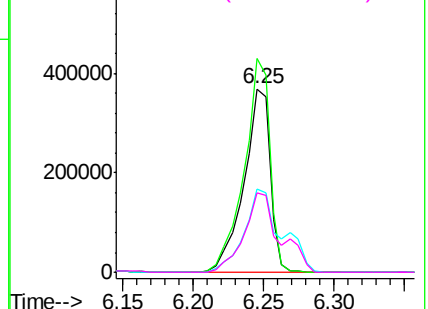
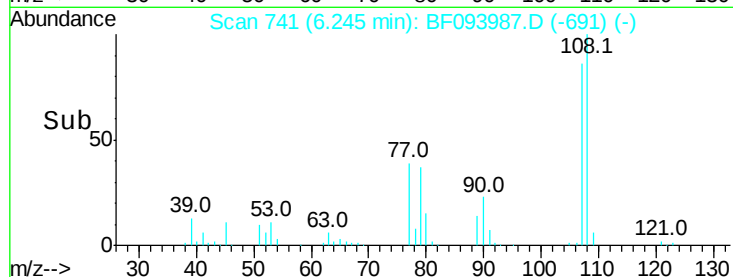


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.46 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

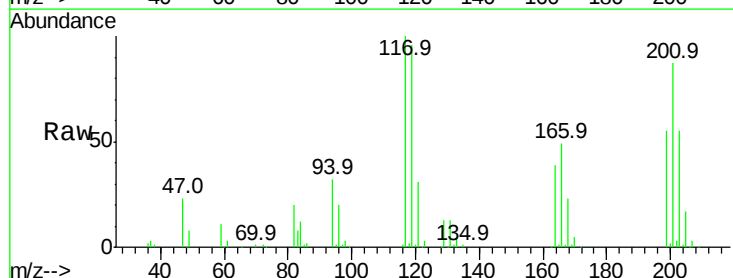
Tgt Ion:117 Resp: 204751

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

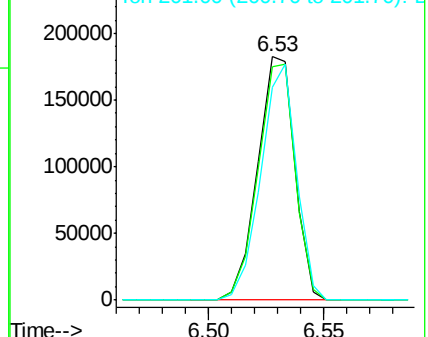
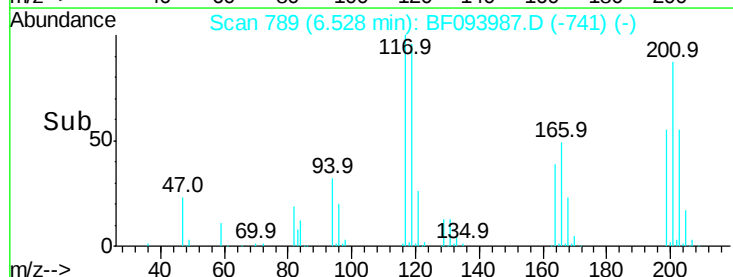
201 87.3 94.6 141.8#

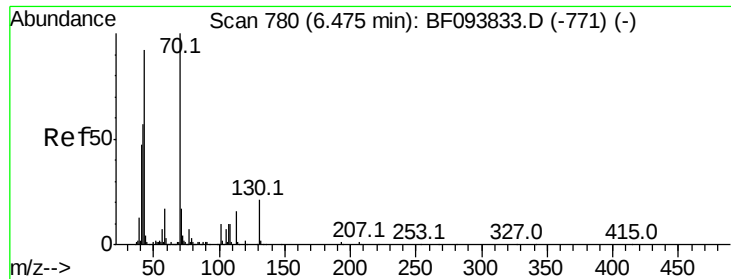


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

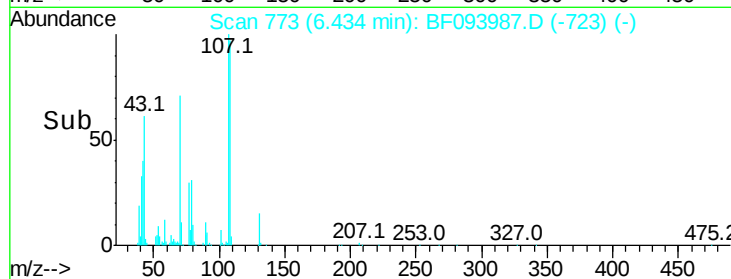
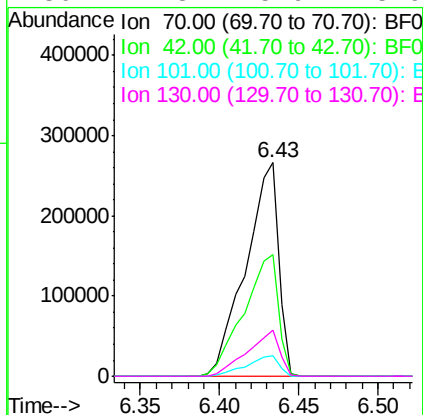
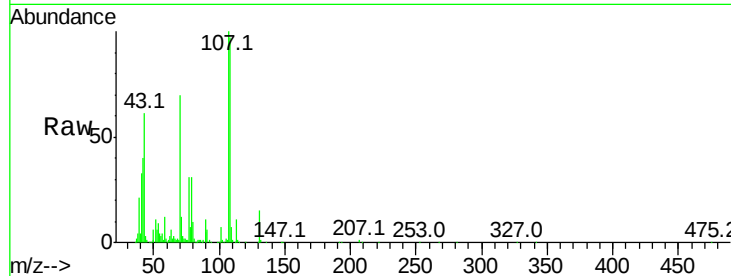




#19
n-Nitroso-di-n-propylamine
Concen: 47.34 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

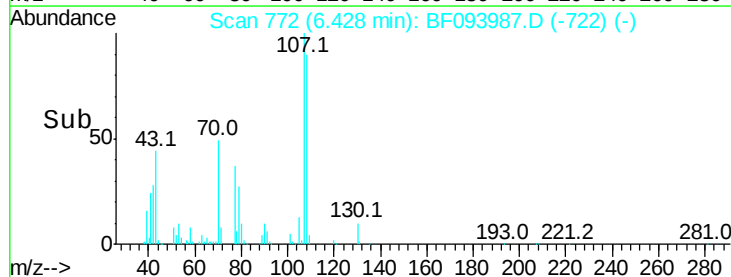
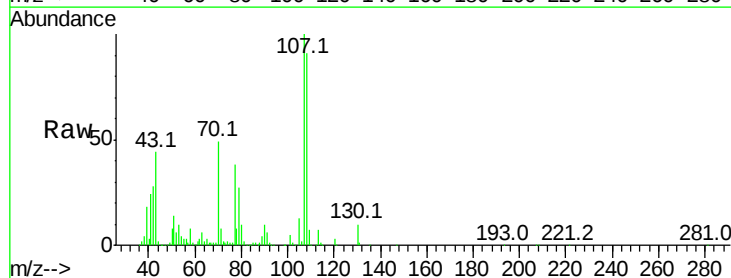
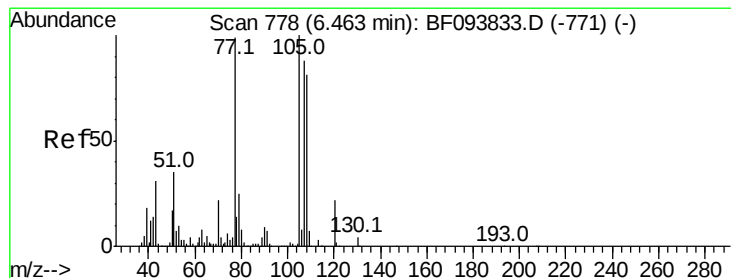
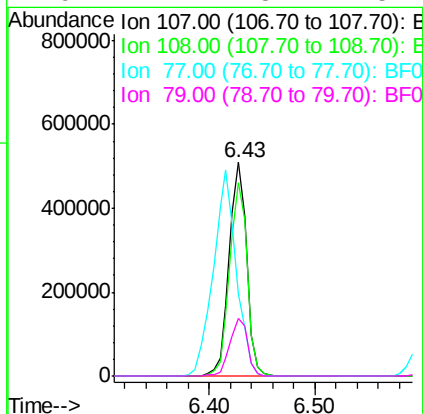
Instrument :
BNA_F
ClientSampleId :

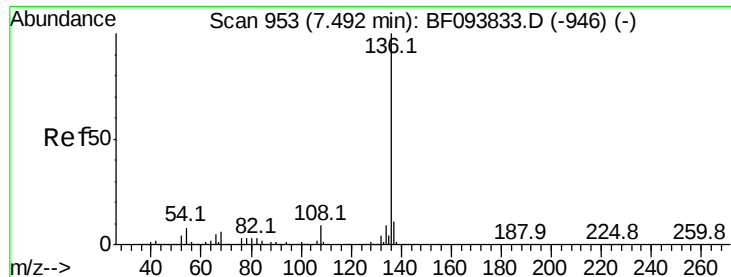
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.0	47.2	70.8	
101	9.5	7.2	10.8	
130	21.8	15.9	23.9	



#20
3+4-Methylphenols
Concen: 49.65 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	71.0	111.0	
77	38.1	90.5	130.5#	
79	27.2	8.4	48.4	

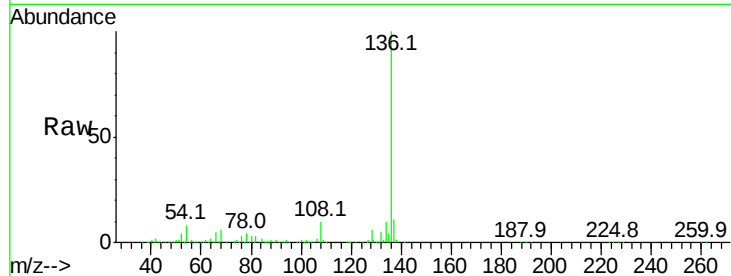




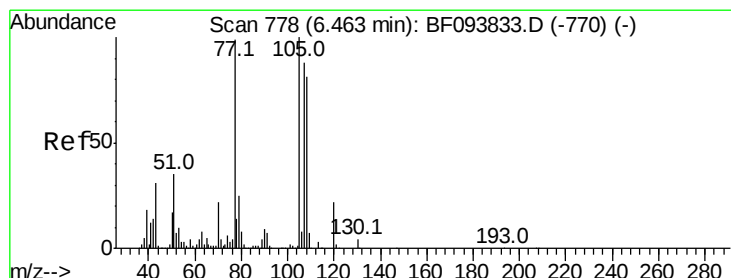
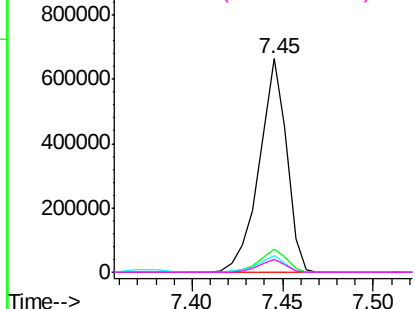
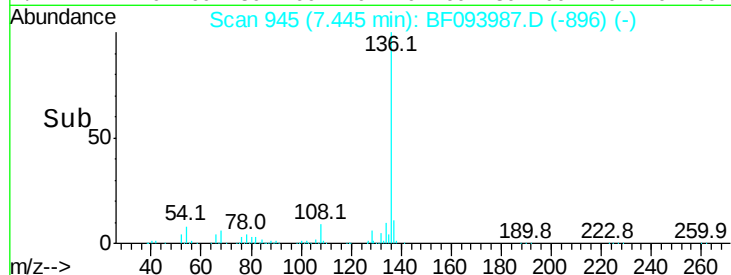
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	700827
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.5	12.7
54 7.6	4.9	7.3#
68 6.0	4.1	6.1

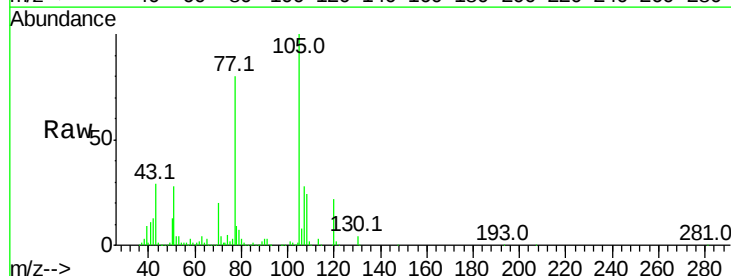


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

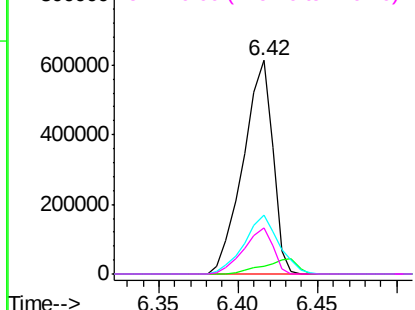
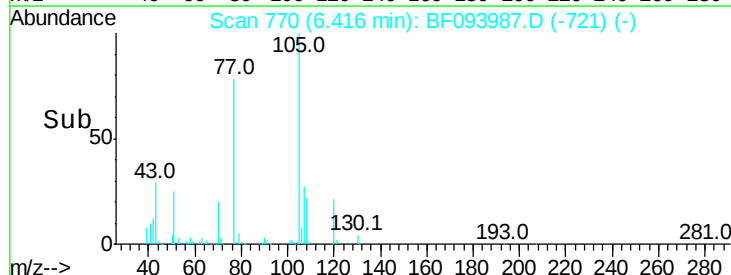


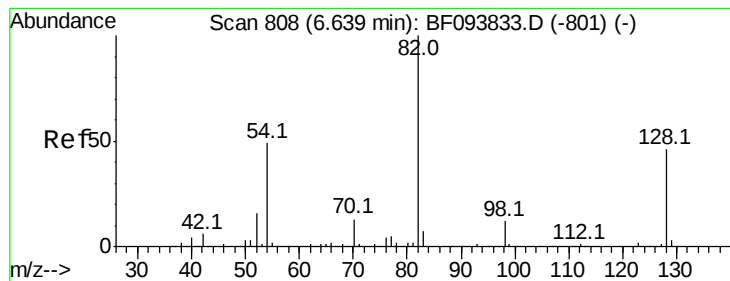
#22
Acetophenone
Concen: 50.76 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:105	Resp:	792903
Ion Ratio	Lower	Upper
105 100		
71 3.5	2.8	4.2
51 27.6	30.7	46.1#
120 21.6	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 95.27 ng

RT: 6.59 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

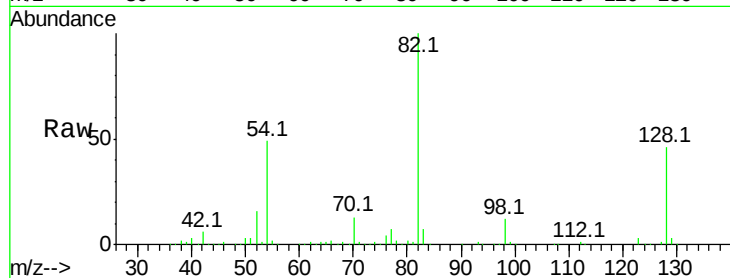
Tot Ion: 82 Resp: 1169984

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

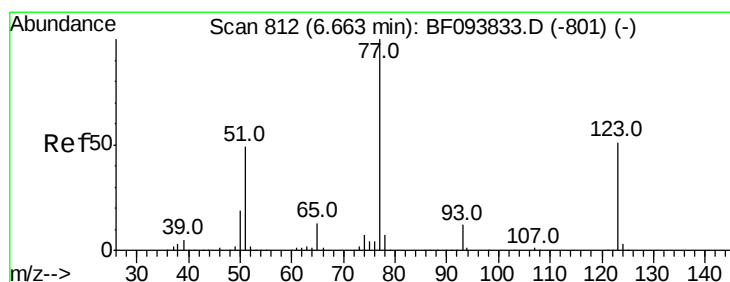
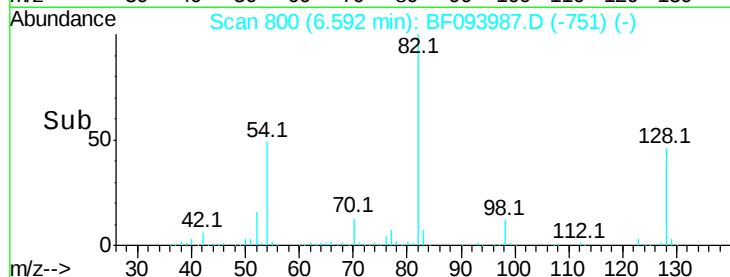
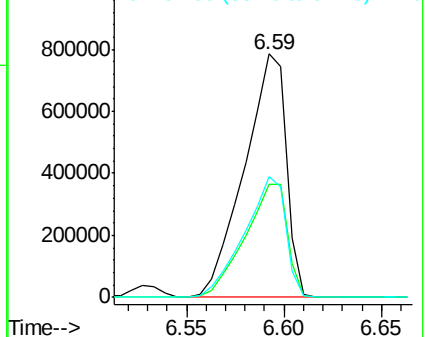
54 49.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.38 ng

RT: 6.62 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

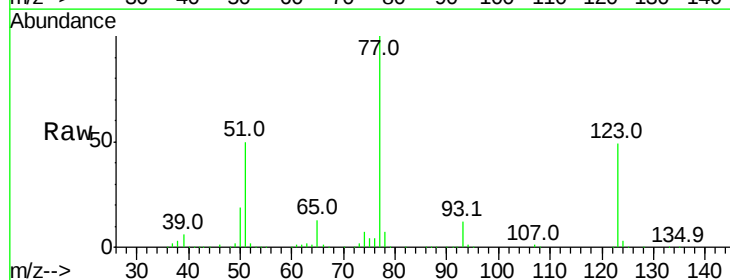
Tgt Ion: 77 Resp: 585949

Ion Ratio Lower Upper

77 100

123 48.5 35.8 53.8

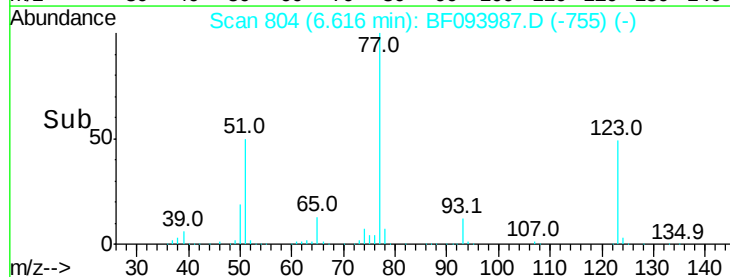
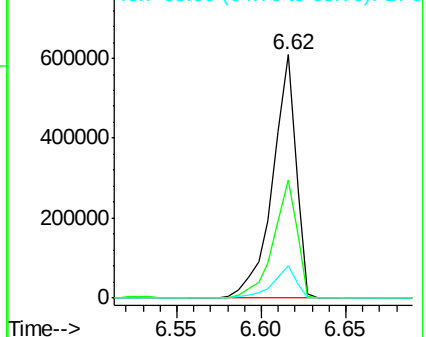
65 13.3 10.6 15.8

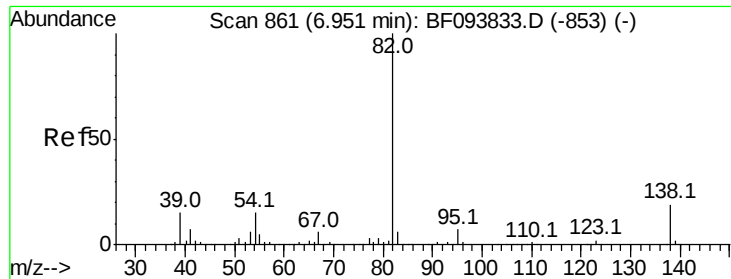


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

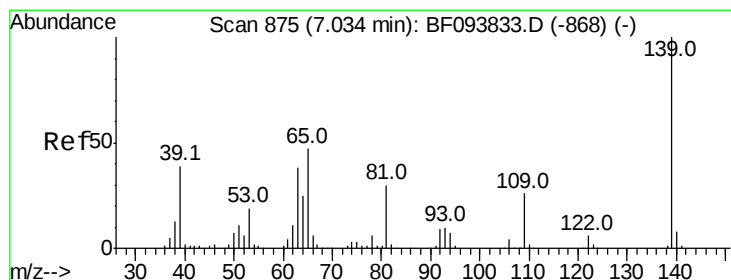
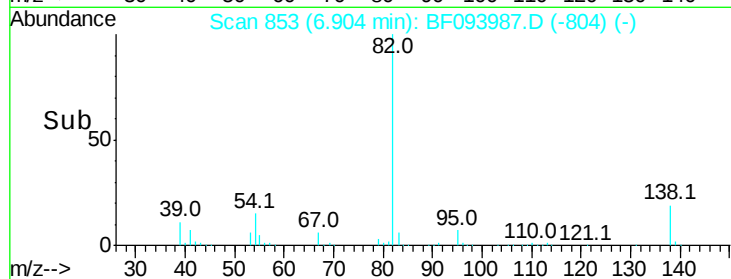
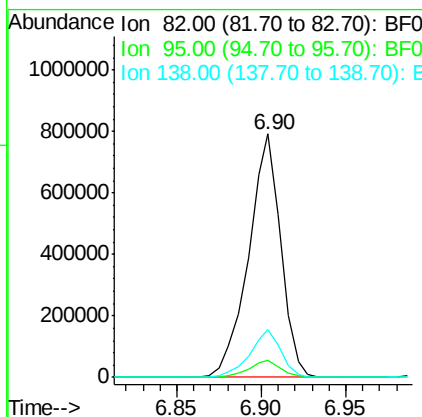
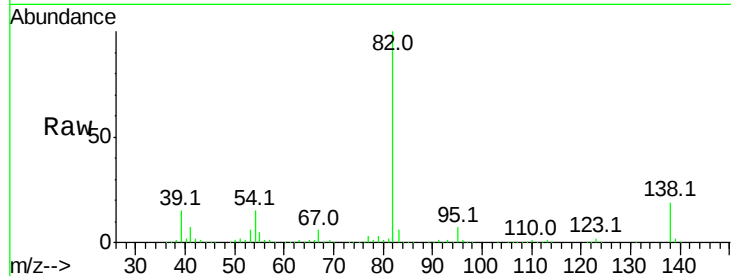




#25
Isophorone
Concen: 48.65 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

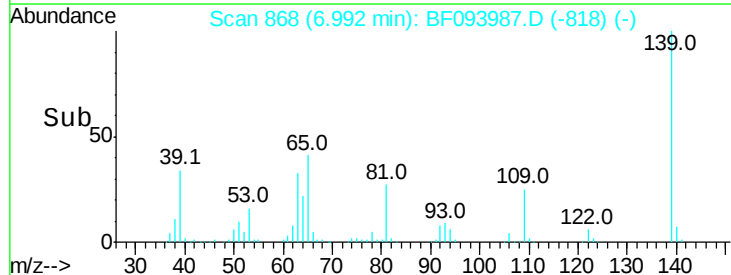
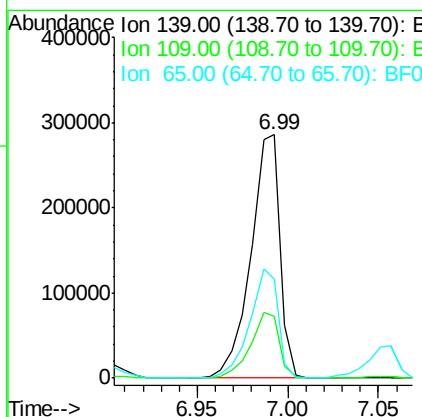
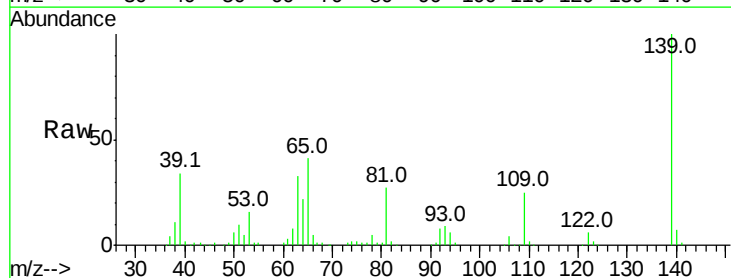
Instrument :
BNA_F
ClientSampleId :

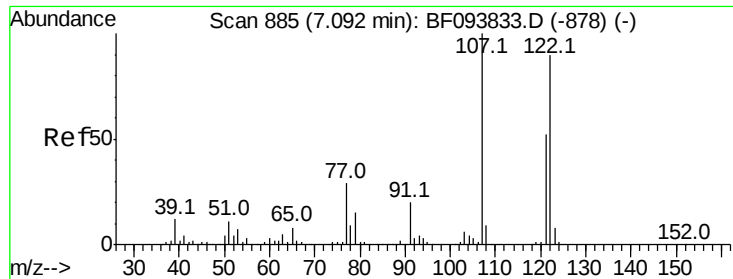
Tot Ion: 82 Resp: 1049819
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 19.5 13.1 19.7



#26
2-Nitrophenol
Concen: 55.41 ng
RT: 6.99 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion: 139 Resp: 320049
Ion Ratio Lower Upper
139 100
109 25.5 21.0 31.6
65 40.6 33.0 49.6

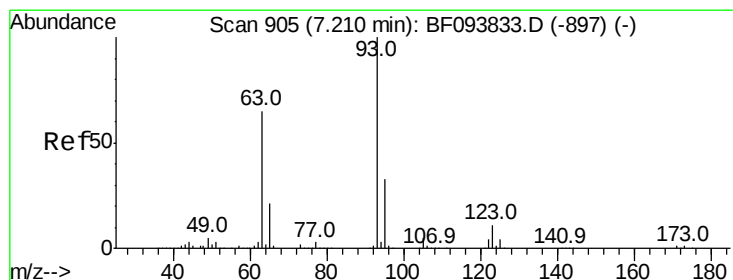
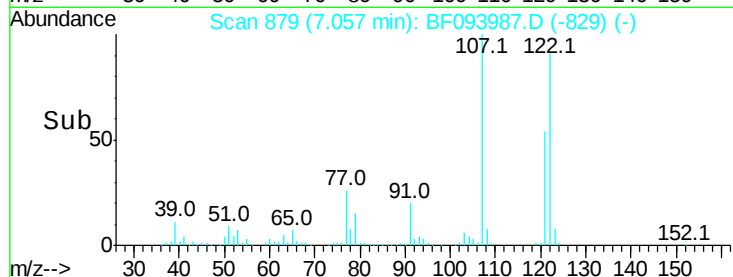
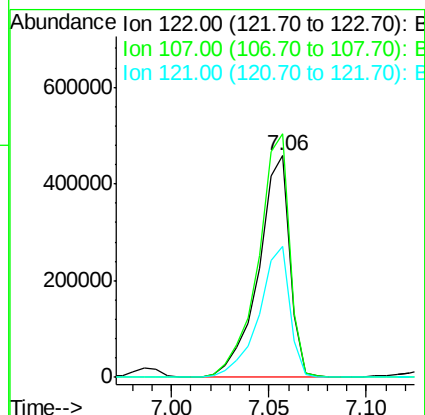
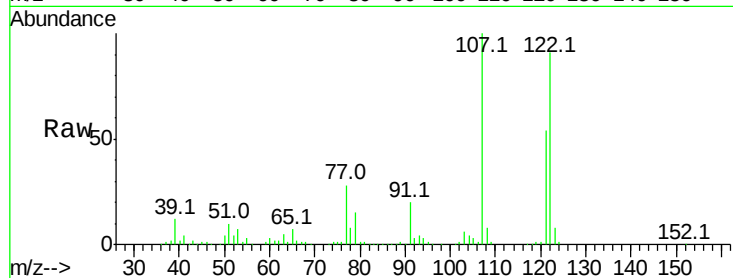




#27
 2,4-Dimethylphenol
 Concen: 51.25 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

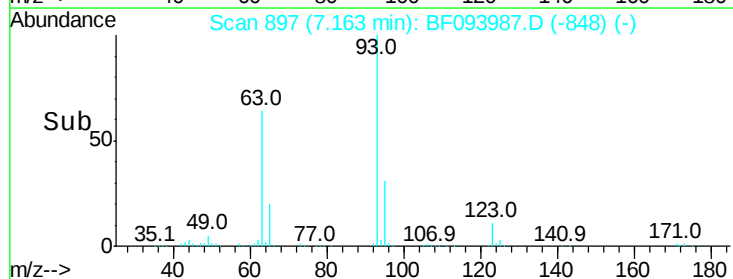
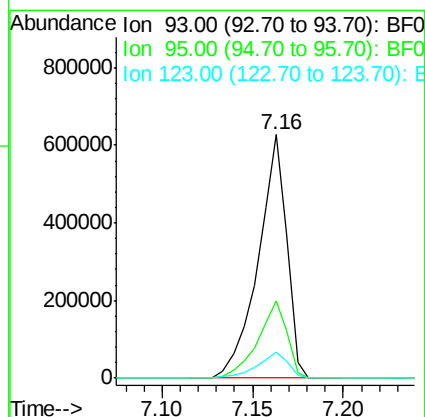
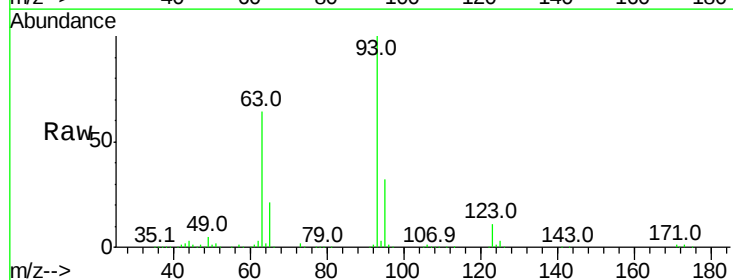
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 510035
 Ion Ratio Lower Upper
 122 100
 107 110.0 89.2 133.8
 121 59.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.22 ng
 RT: 7.16 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion: 93 Resp: 686137
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 10.8 9.0 13.4

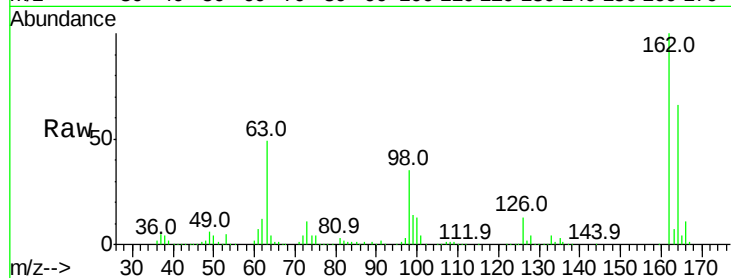




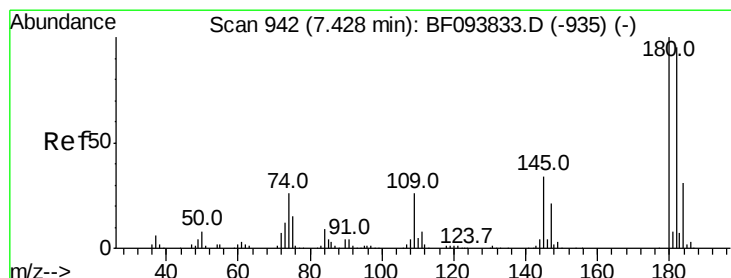
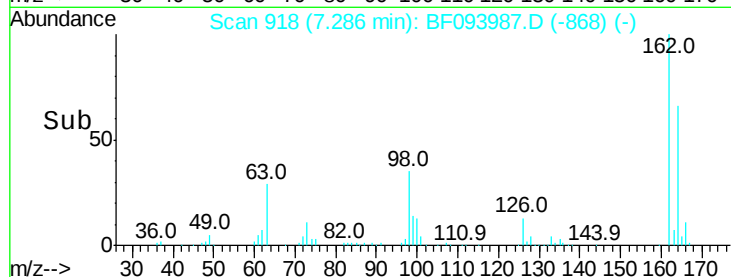
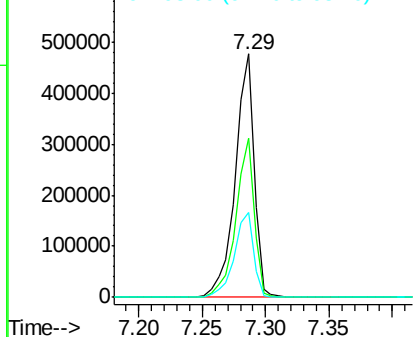
#29
 2,4-Dichlorophenol
 Concen: 52.37 ng
 RT: 7.29 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 487280
 Ion Ratio Lower Upper
 162 100
 164 65.6 44.6 84.6
 98 34.9 14.8 54.8

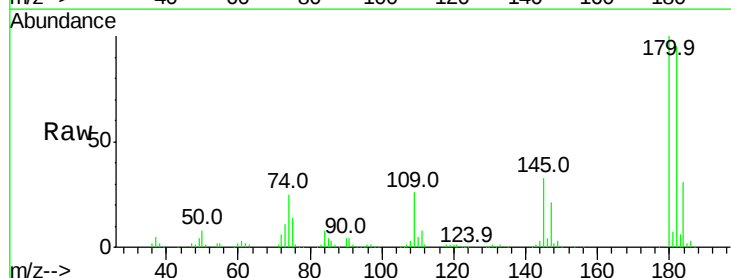


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

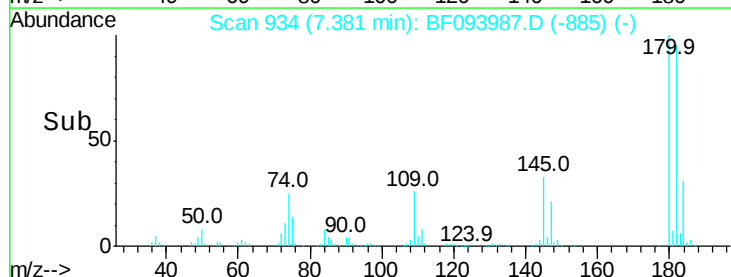
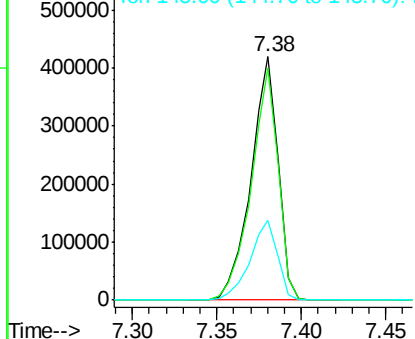


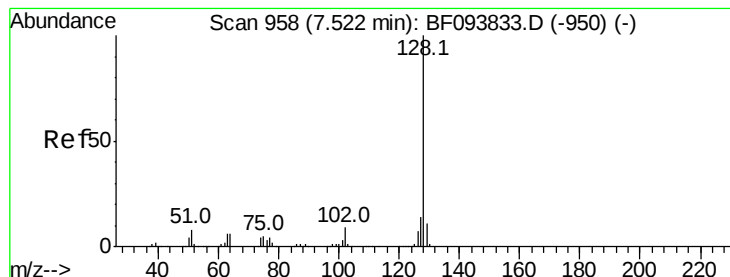
#30
 1,2,4-Trichlorobenzene
 Concen: 48.99 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:180 Resp: 469531
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.8 113.6
 145 32.9 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

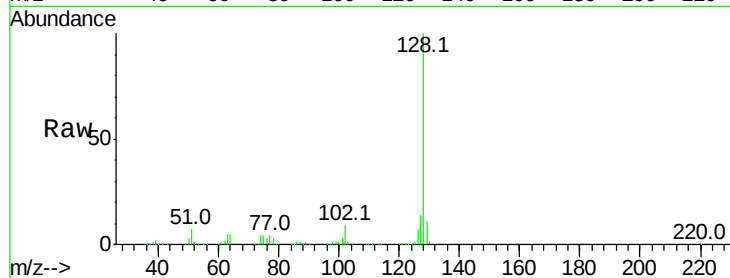




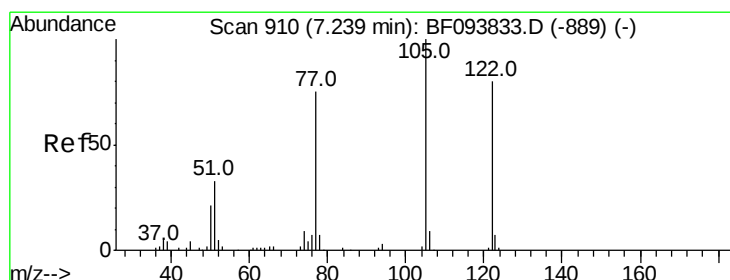
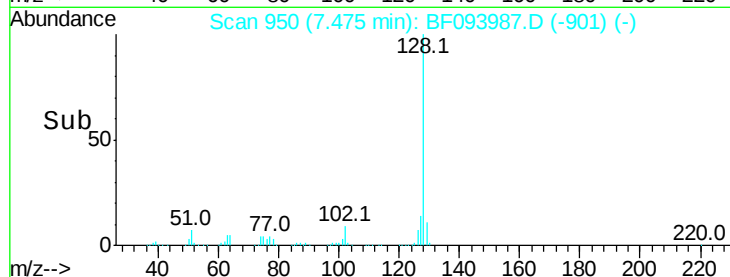
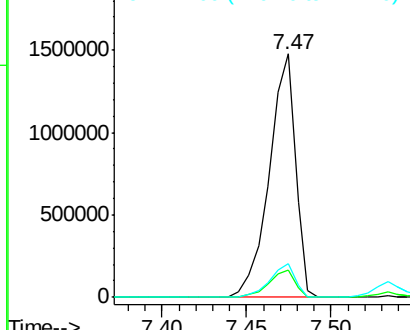
#31
Naphthalene
Concen: 47.15 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1588945
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.8 16.2

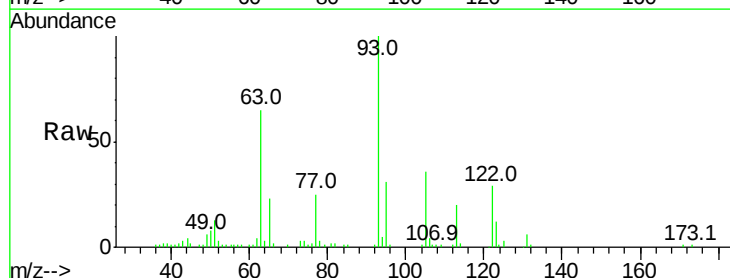


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

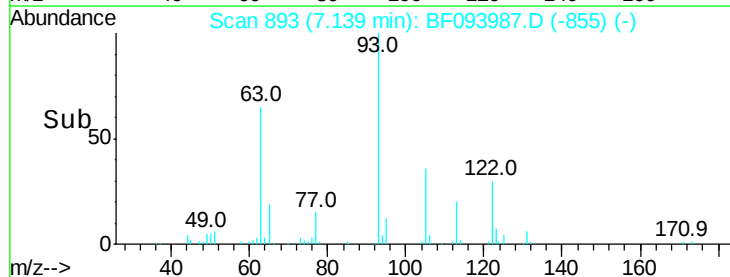
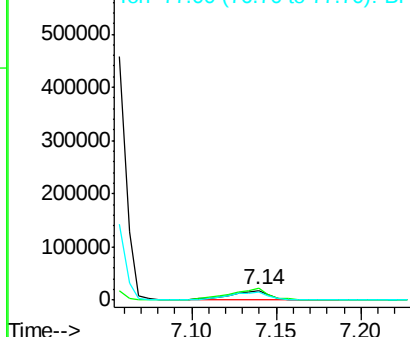


#32
Benzoic acid
Concen: 4.19 ng
RT: 7.14 min Scan# 893
Delta R.T. -0.08 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:122 Resp: 27735
Ion Ratio Lower Upper
122 100
105 123.7 103.3 143.3
77 86.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

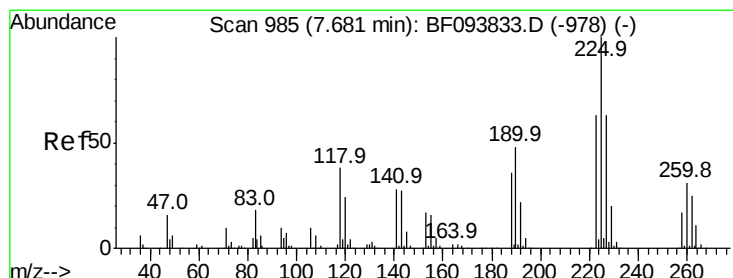
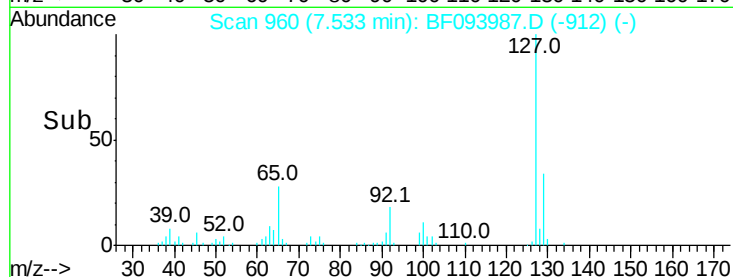
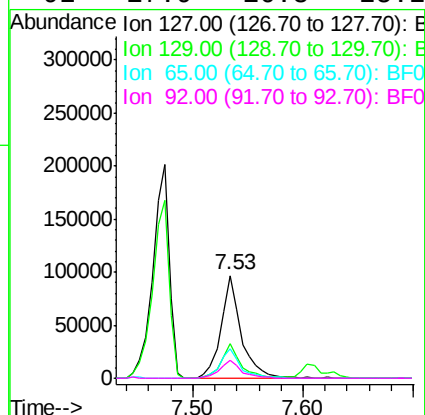
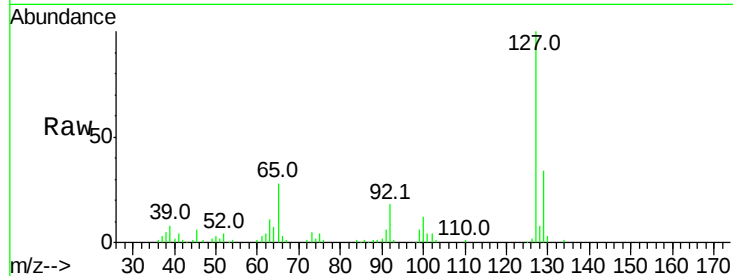




#33
4-Chloroaniline
Concen: 9.13 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

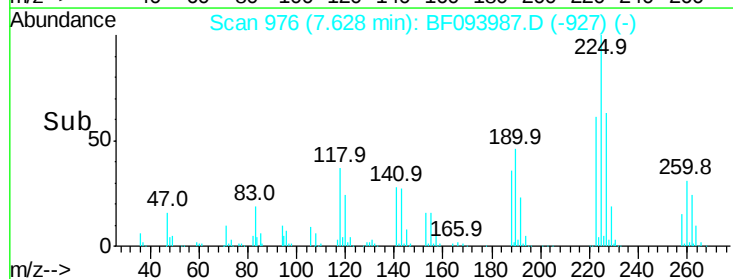
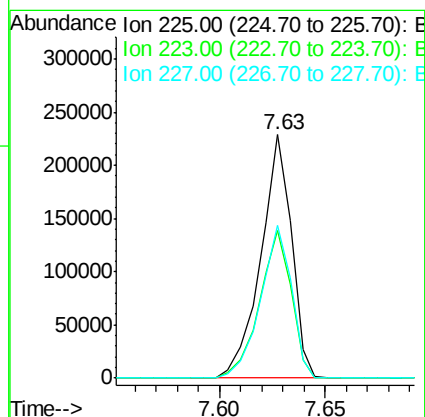
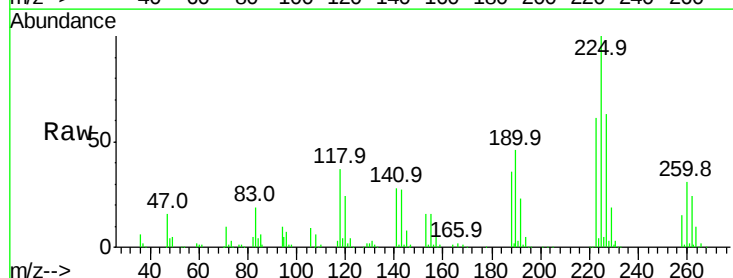
Instrument :
BNA_F
ClientSampleId :

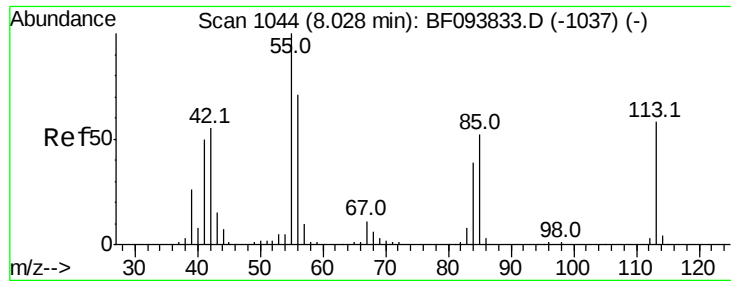
Tot Ion:	127	Resp:	124660
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.2	39.2
65	28.1	27.8	41.8
92	17.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 47.18 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:	225	Resp:	231868
Ion	Ratio	Lower	Upper
225	100		
223	60.9	48.8	73.2
227	62.6	51.1	76.7

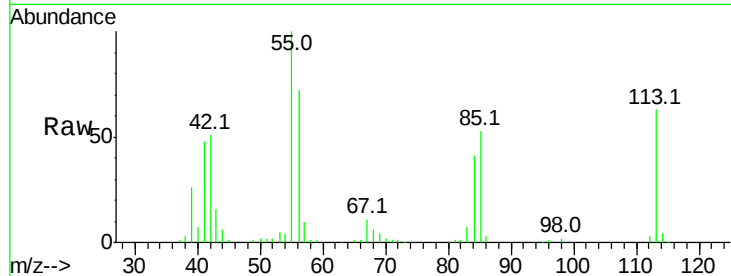




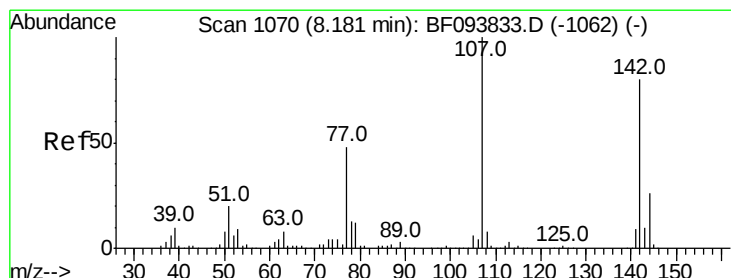
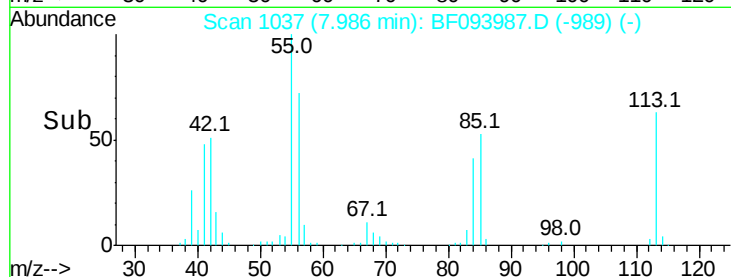
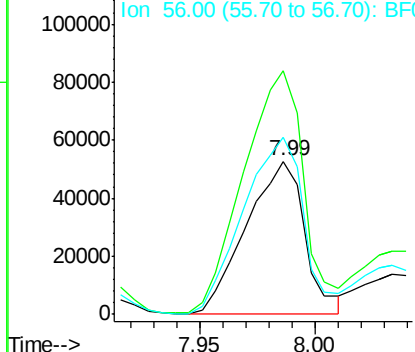
#35
Caprolactam
Concen: 31.54 ng
RT: 7.99 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 93592
Ion Ratio Lower Upper
113 100
55 159.1 150.2 190.2
56 115.4 107.8 147.8

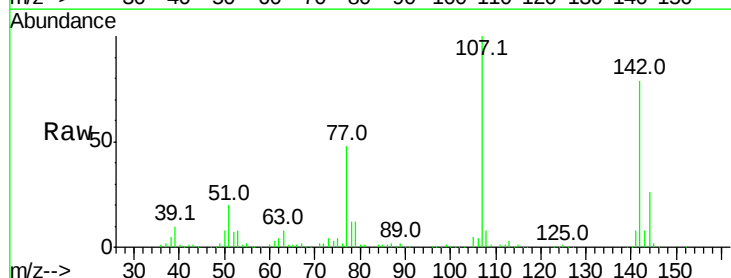


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

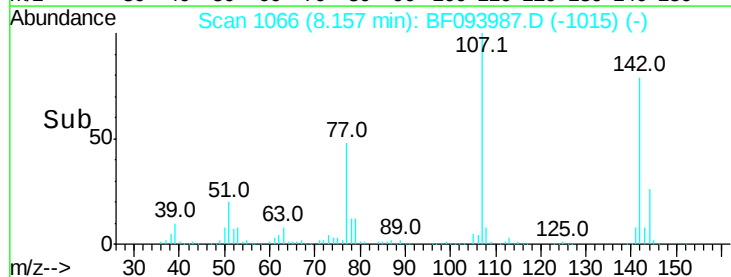
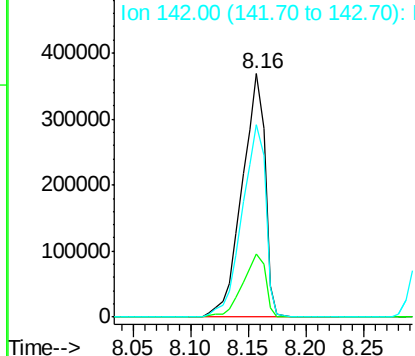


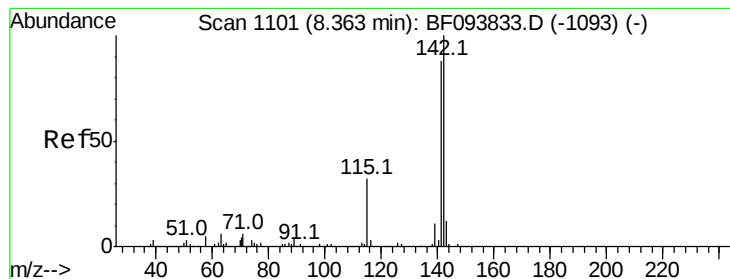
#36
4-Chloro-3-methylphenol
Concen: 52.22 ng
RT: 8.16 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:107 Resp: 507734
Ion Ratio Lower Upper
107 100
144 25.8 24.2 36.4
142 78.9 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: 47.78 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

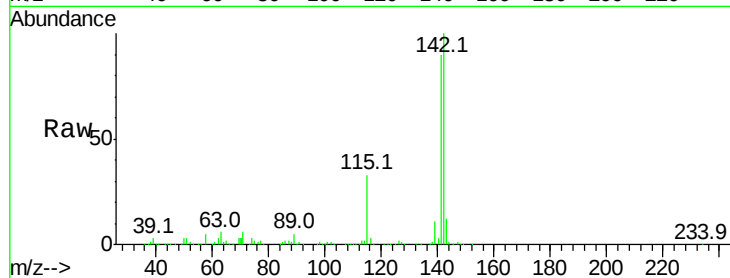
Tot Ion:142 Resp: 1073272

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

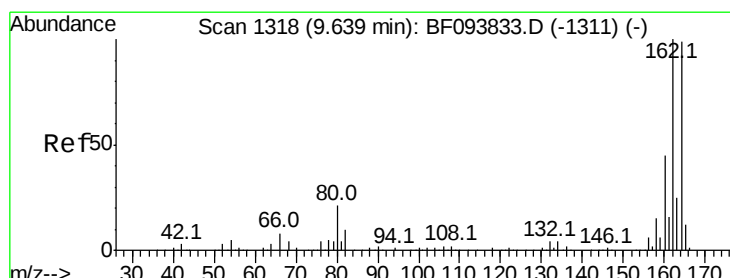
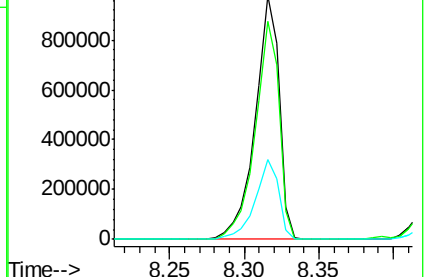
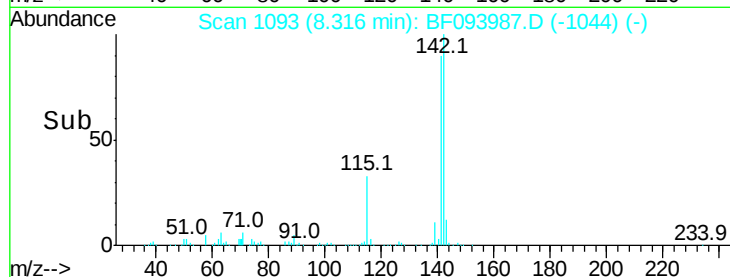
115 32.6 27.1 40.7



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: BF093987.D

Acq: 28 Mar 2017 12:04

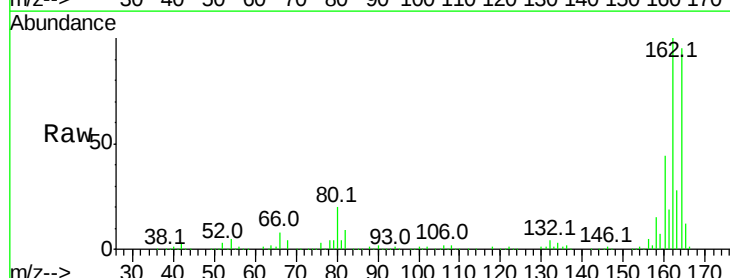
Tgt Ion:164 Resp: 304815

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

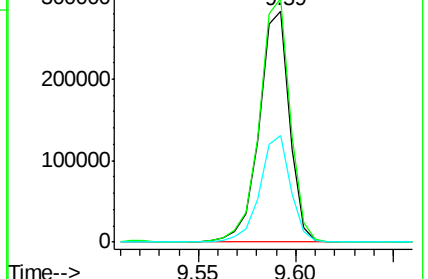
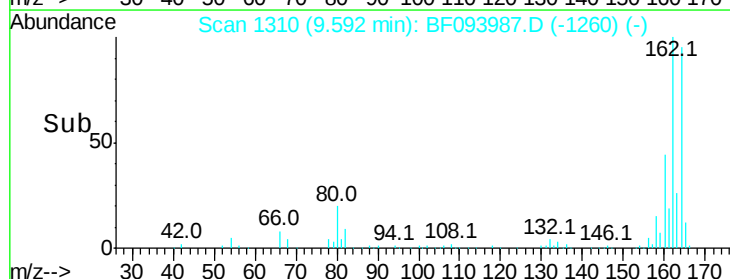
160 46.0 36.2 54.2



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

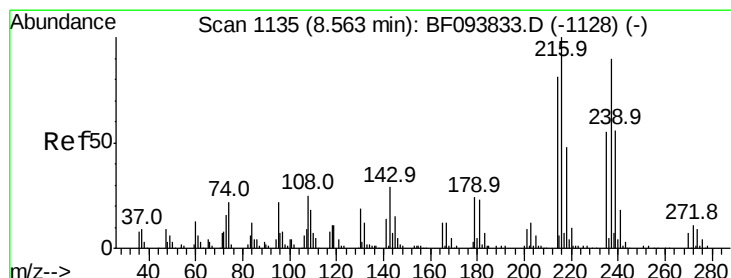
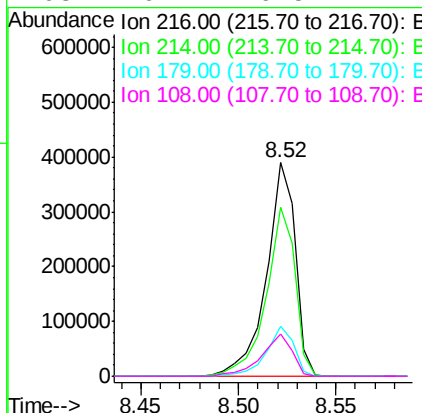
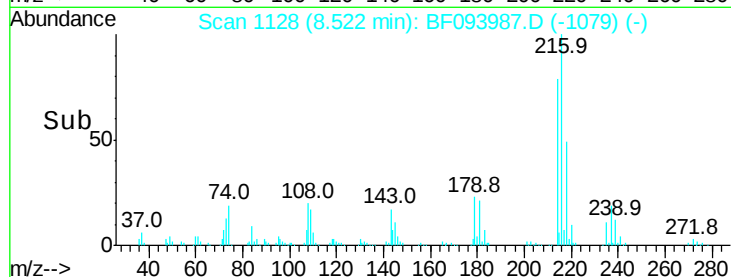
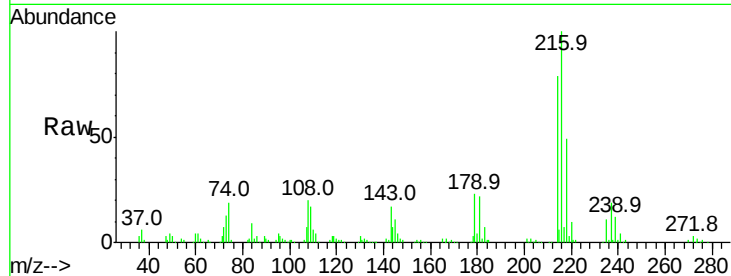




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.84 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

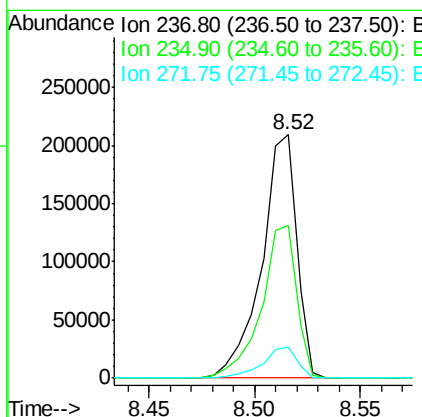
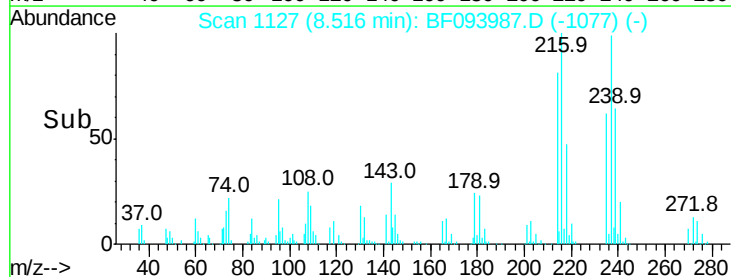
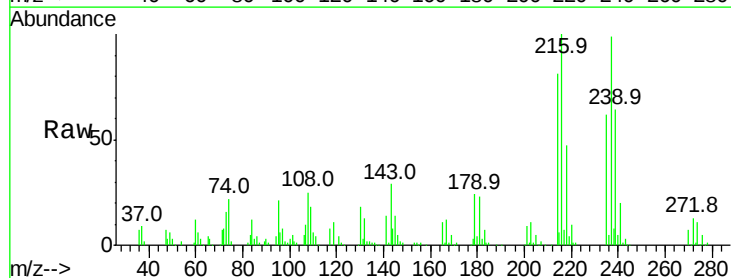
Instrument :
 BNA_F
 ClientSampleId :

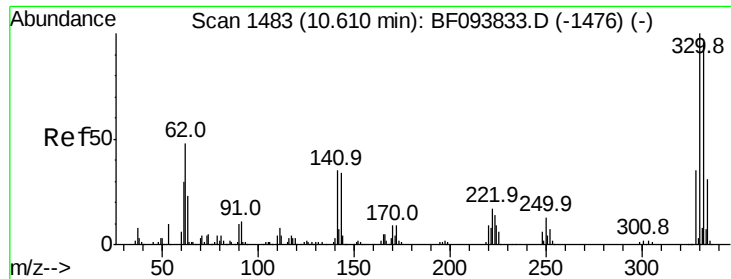
Tot Ion:	216	Resp:	398894
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.6	17.9	26.9
108	20.7	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 62.24 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:	237	Resp:	242870
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.6	82.6
272	12.8	0.0	31.9

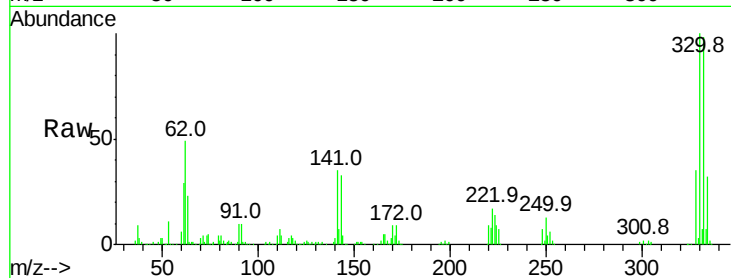




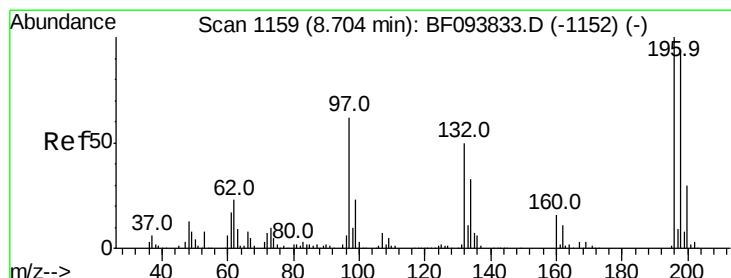
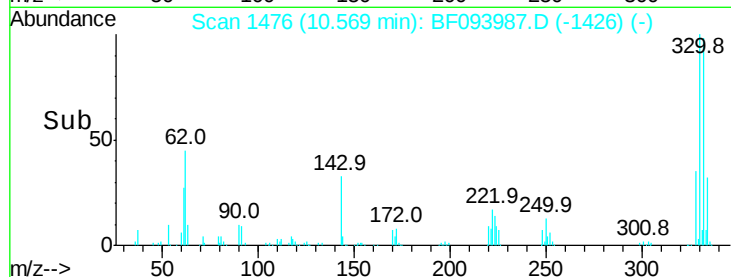
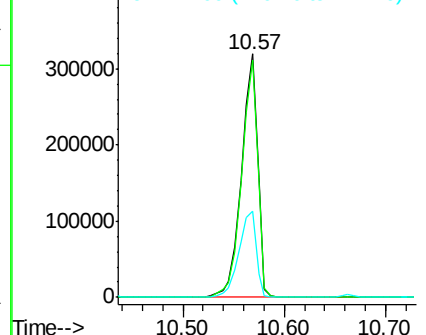
#41
 2,4,6-Tribromophenol
 Concen: 146.94 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 353926
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.3 31.4 47.2

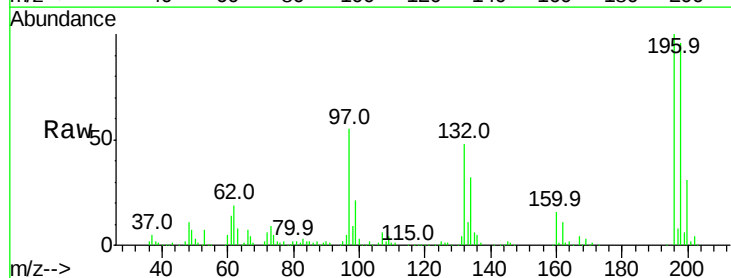


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

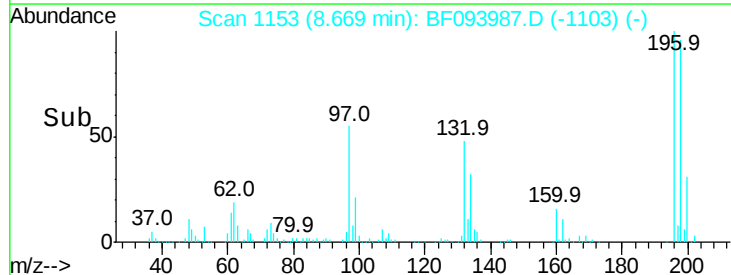
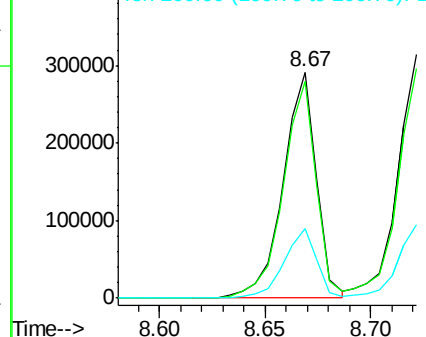


#42
 2,4,6-Trichlorophenol
 Concen: 54.08 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:196 Resp: 319066
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.2 111.4
 200 30.9 24.0 36.0



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

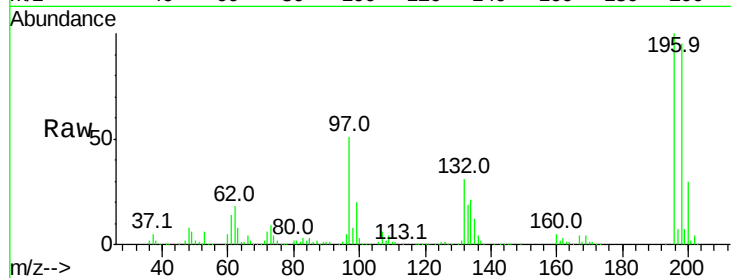




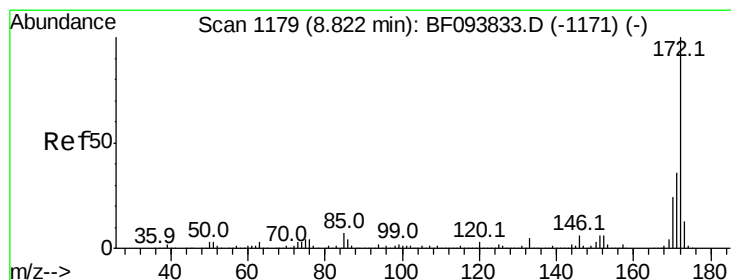
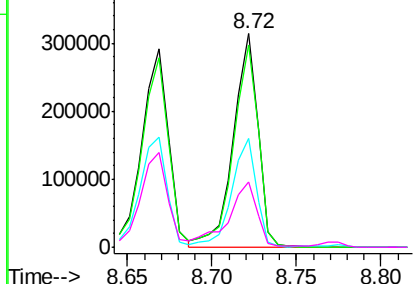
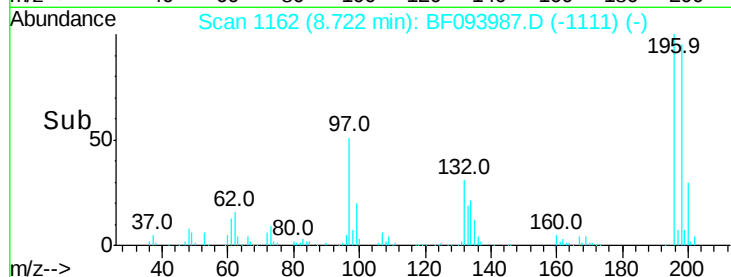
#43
 2,4,5-Trichlorophenol
 Concen: 49.51 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 316080
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 97 51.2 47.7 71.5
 132 30.7 28.0 42.0

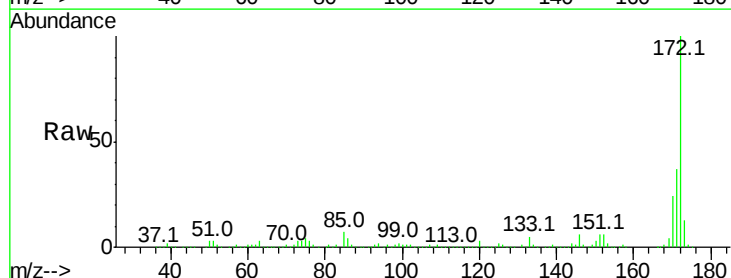


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

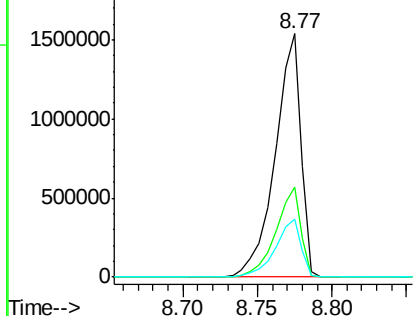
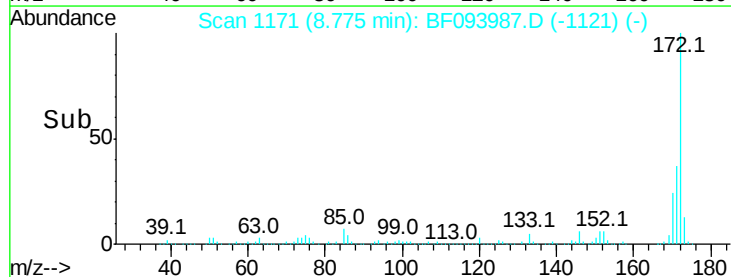


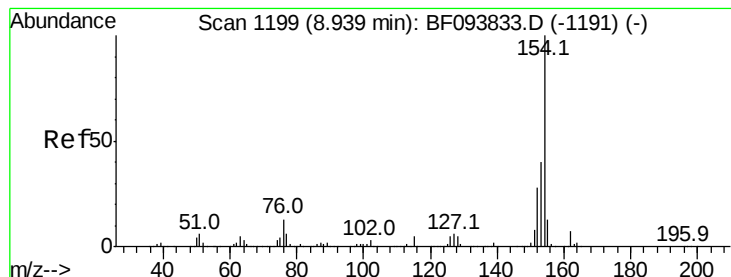
#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:172 Resp: 1853374
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 47.24 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

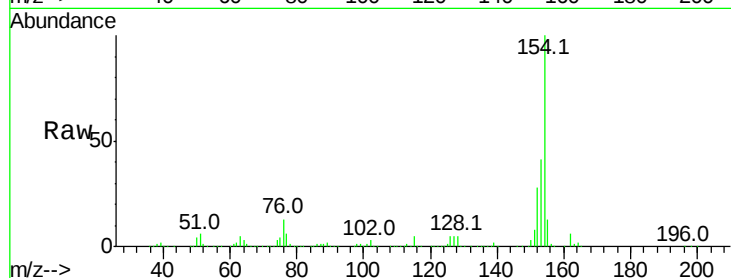
Tot Ion:154 Resp: 1161522

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

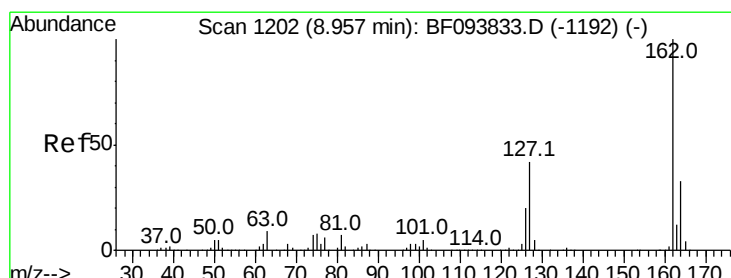
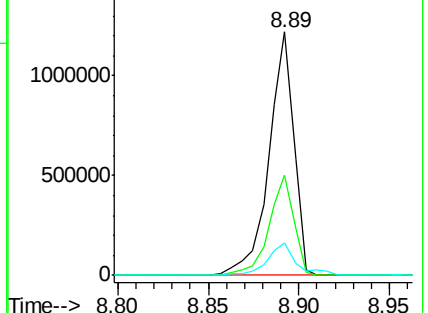
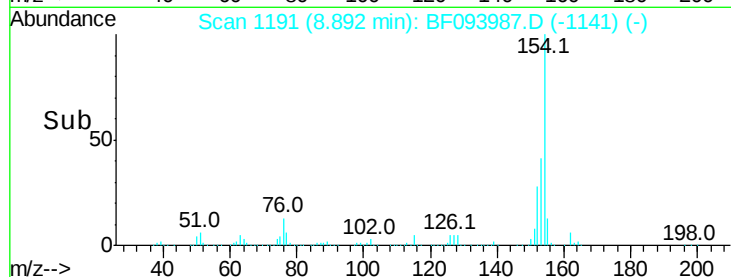
76 13.3 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 48.69 ng

RT: 8.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

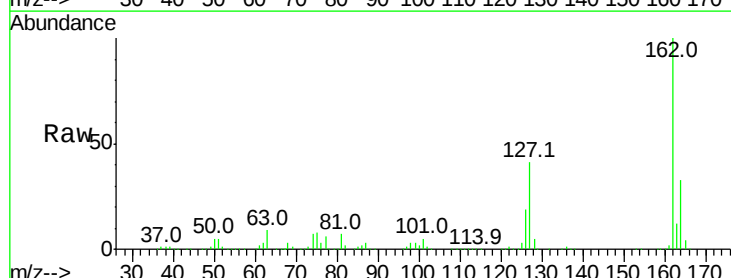
Tgt Ion:162 Resp: 937085

Ion Ratio Lower Upper

162 100

127 40.7 28.3 42.5

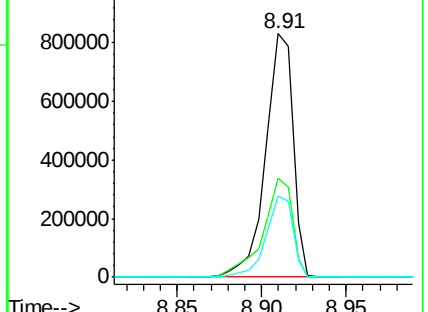
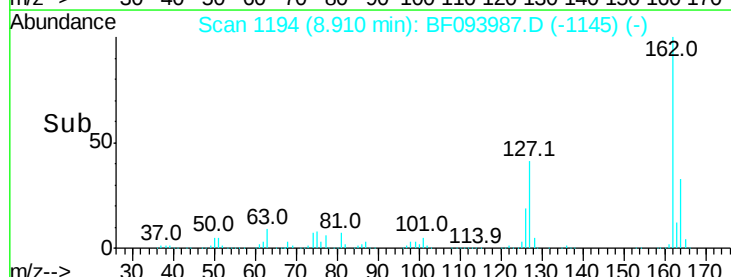
164 33.1 27.0 40.4

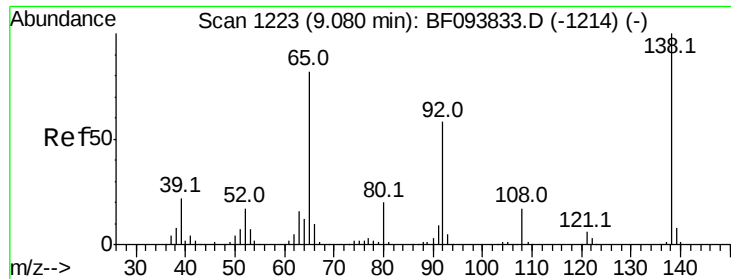


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

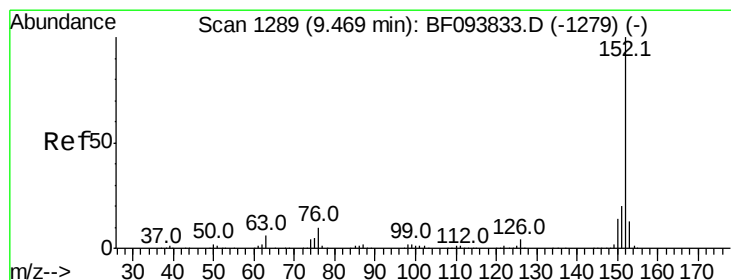
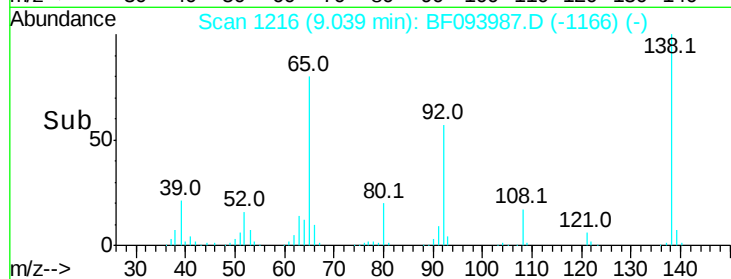
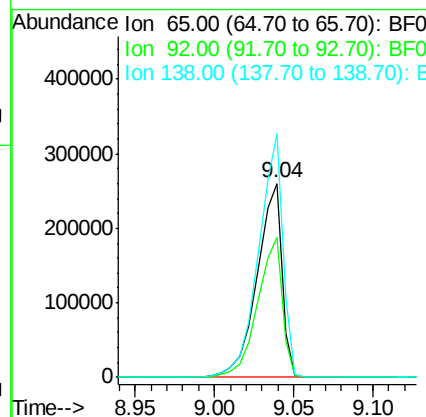
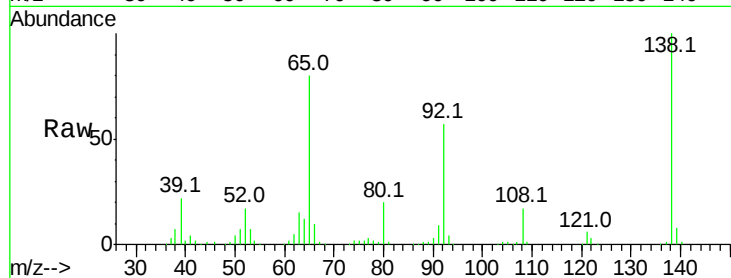




#47
 2-Nitroaniline
 Concen: 50.11 ng
 RT: 9.04 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

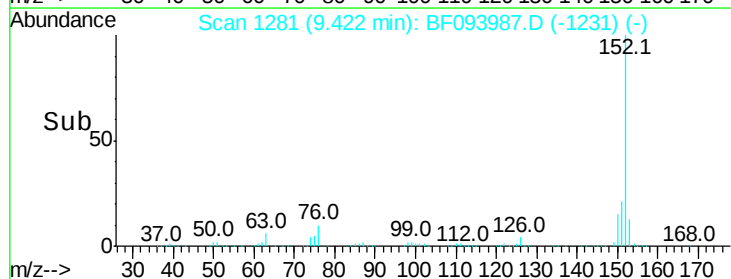
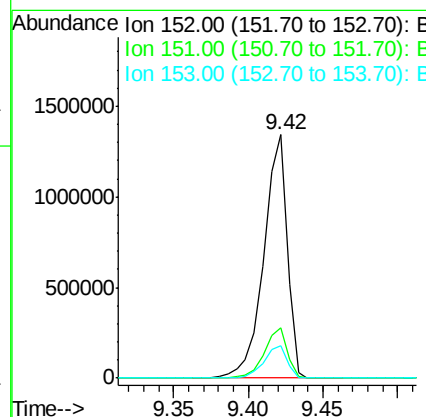
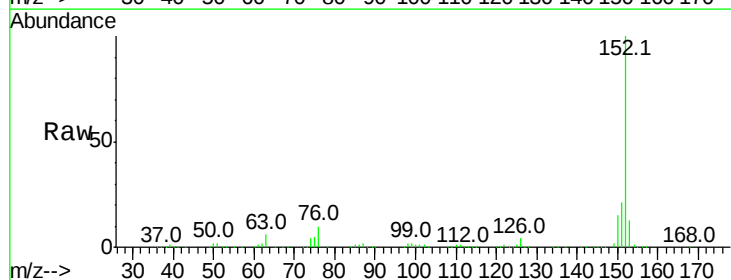
Instrument :
 BNA_F
 ClientSampled :

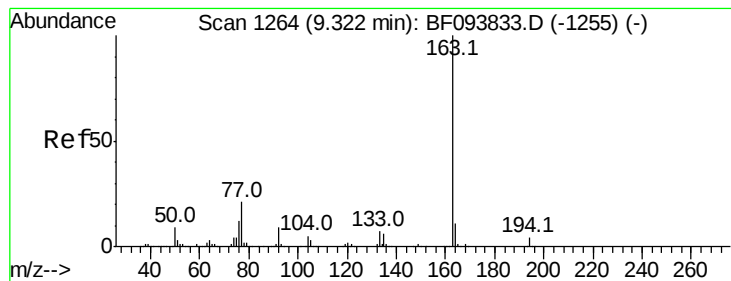
Tot Ion: 65 Resp: 286108
 Ion Ratio Lower Upper
 65 100
 92 72.0 53.9 80.9
 138 125.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 44.97 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:152 Resp: 1438493
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 56.00 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

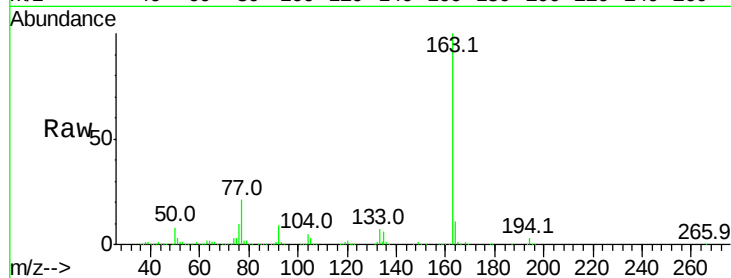
Tot Ion:163 Resp: 1213344

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

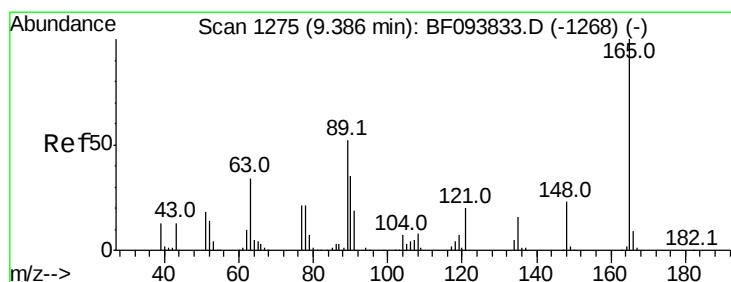
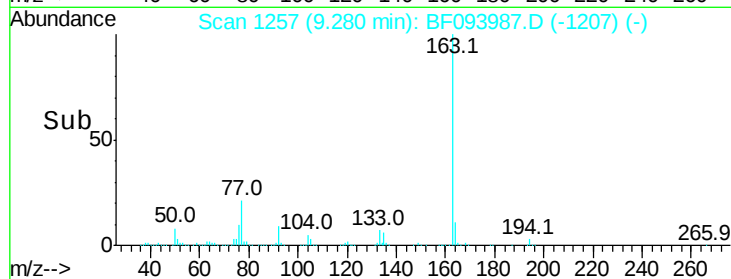
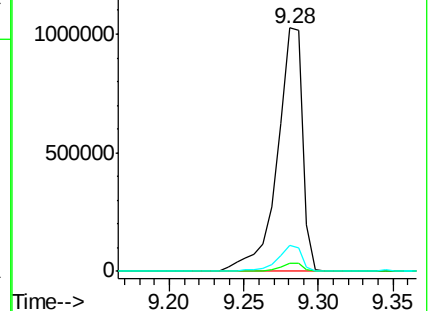
164 10.5 8.4 12.6



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: 51.10 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

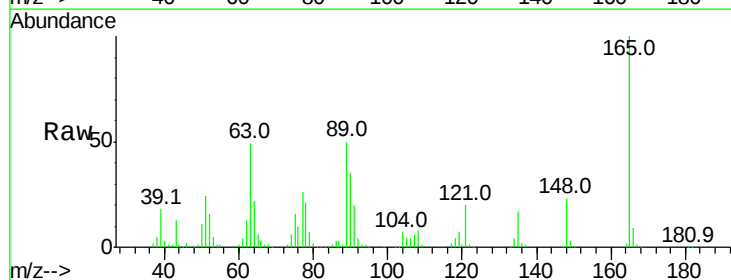
Tgt Ion:165 Resp: 253793

Ion Ratio Lower Upper

165 100

63 49.3 34.3 51.5

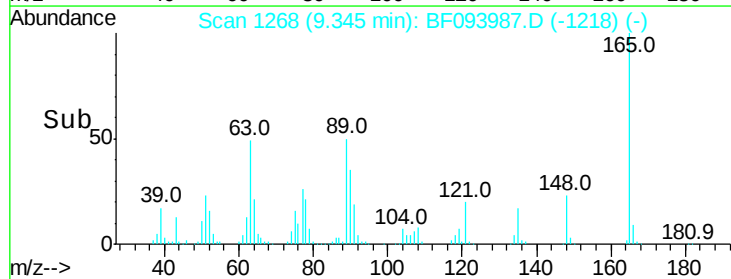
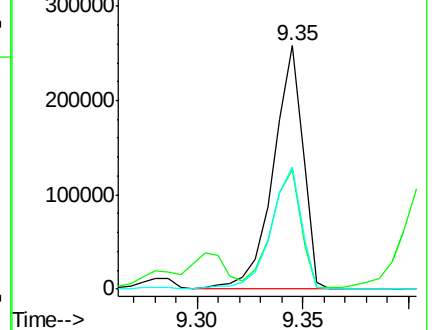
89 50.2 37.1 55.7

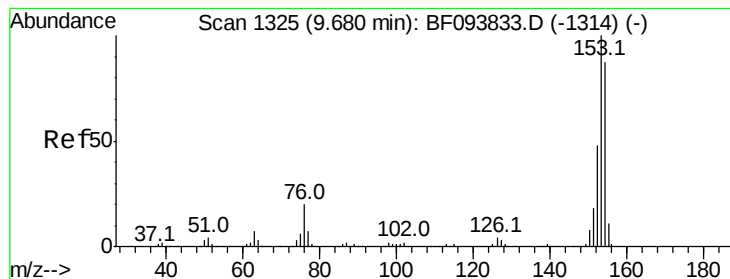


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.66 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

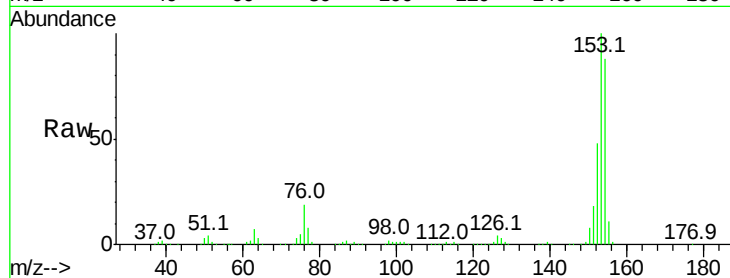
Tot Ion:154 Resp: 852185

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

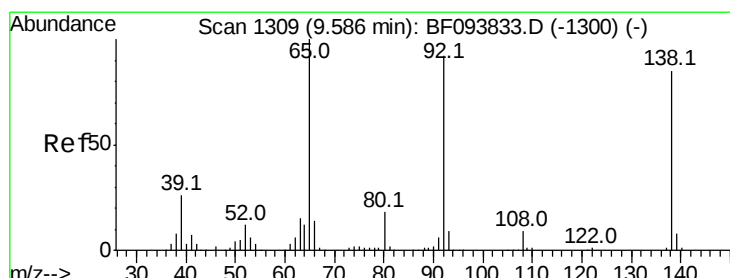
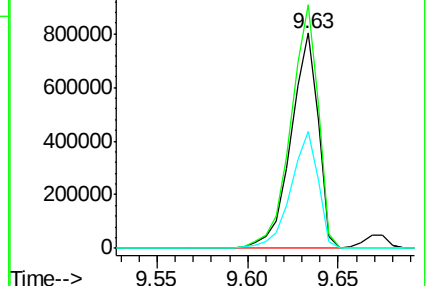
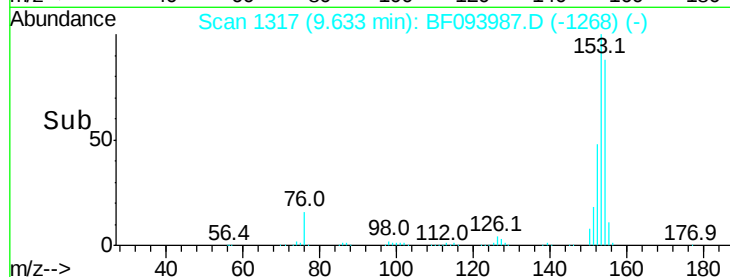
152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.60 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

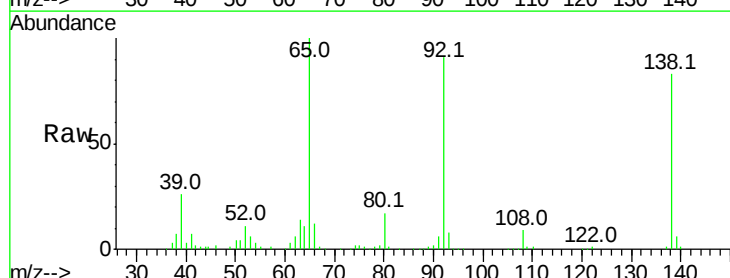
Tgt Ion:138 Resp: 143461

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

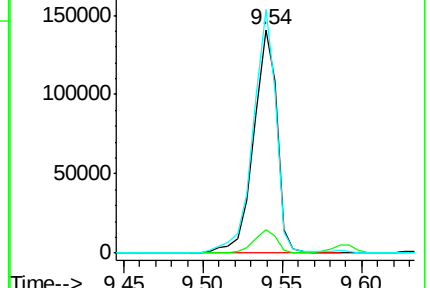
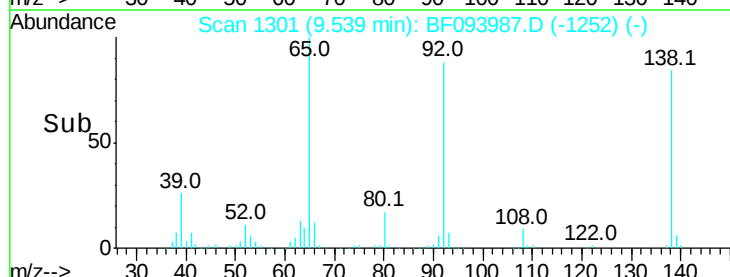
92 109.1 93.8 140.6

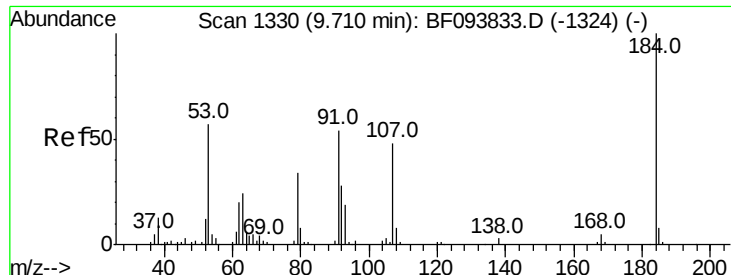


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

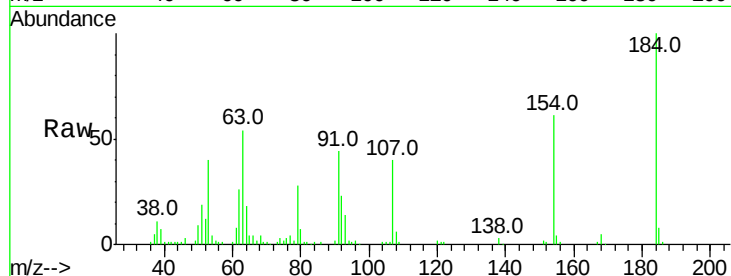




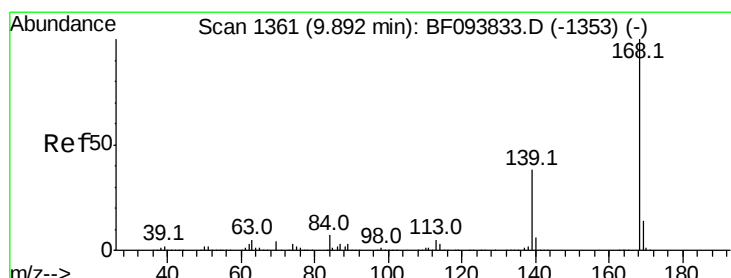
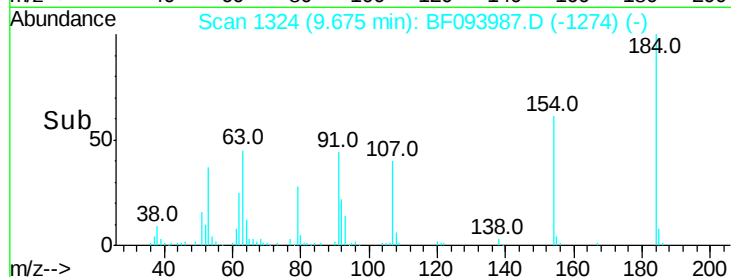
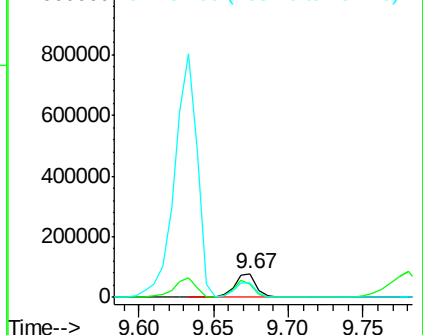
#53
2,4-Dinitrophenol
Concen: 33.29 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 80807
Ion Ratio Lower Upper
184 100
63 54.3 62.7 94.1#
154 61.5 81.1 121.7#

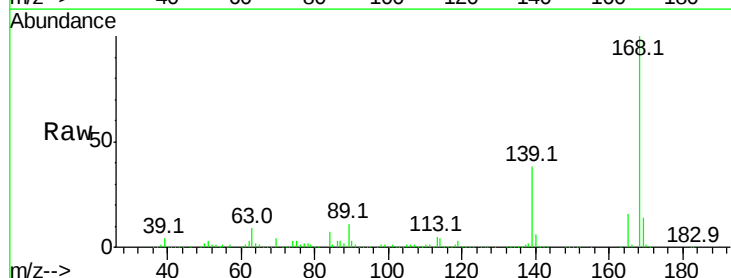


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

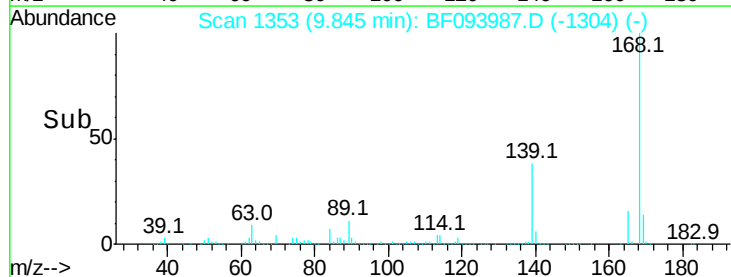
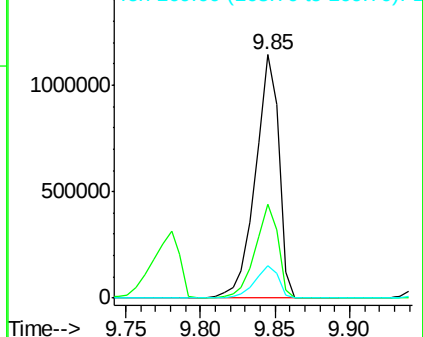


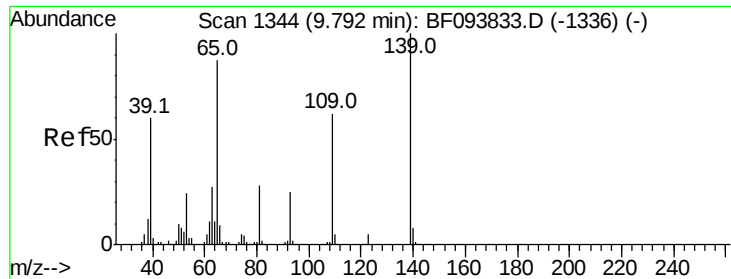
#54
Dibenzofuran
Concen: 48.32 ng
RT: 9.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:168 Resp: 1227689
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.5 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 89.08 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampled :

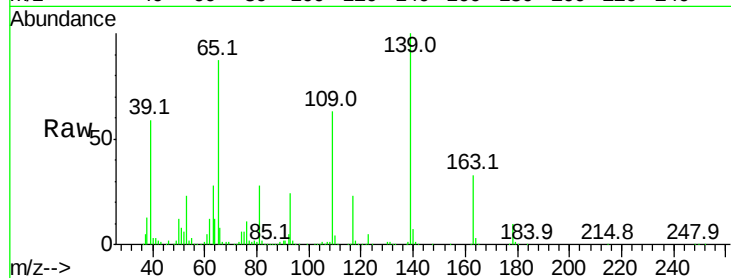
Tot Ion:139 Resp: 406894

Ion Ratio Lower Upper

139 100

109 62.9 34.1 74.1

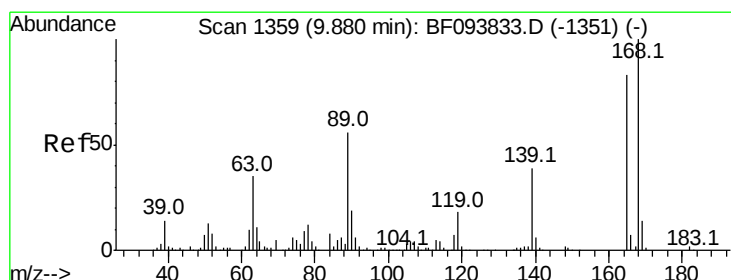
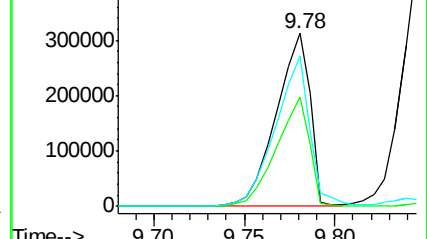
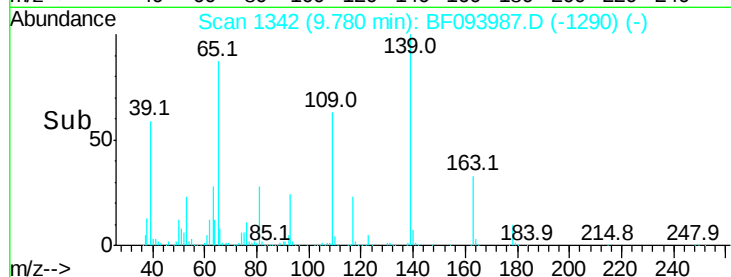
65 87.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.50 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Tgt Ion:165 Resp: 302626

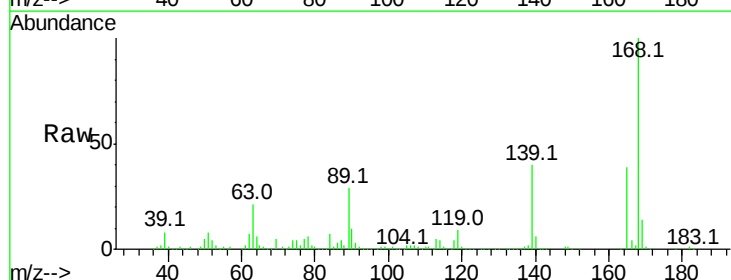
Ion Ratio Lower Upper

165 100

63 53.0 25.4 38.0#

89 74.4 46.4 69.6#

182 2.4 1.8 2.6

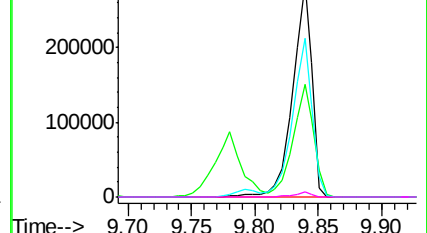
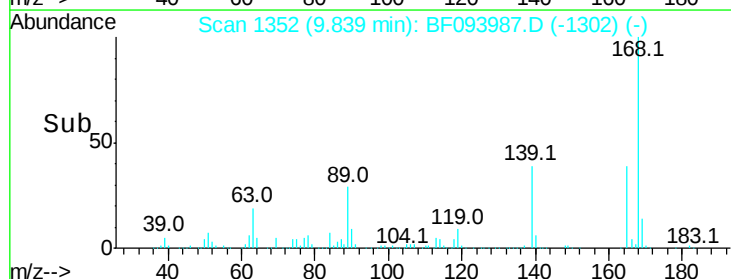


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.76 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

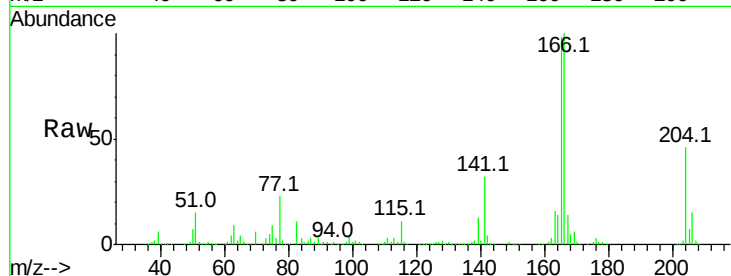
Tot Ion:166 Resp: 900887

Ion Ratio Lower Upper

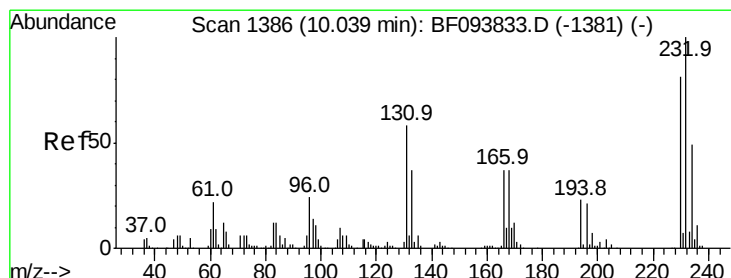
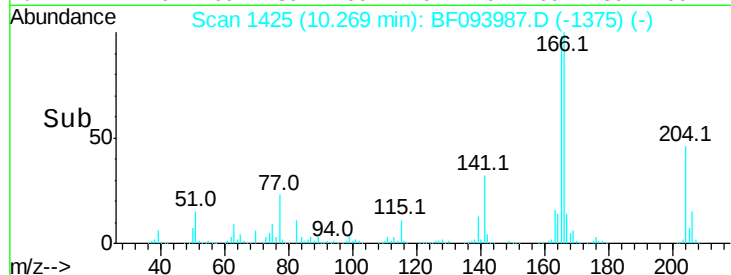
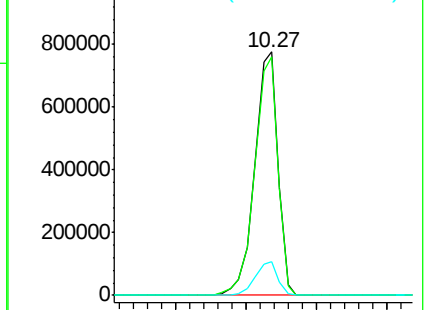
166 100

165 98.2 78.8 118.2

167 13.6 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.78 ng

RT: 10.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Tgt Ion:232 Resp: 226813

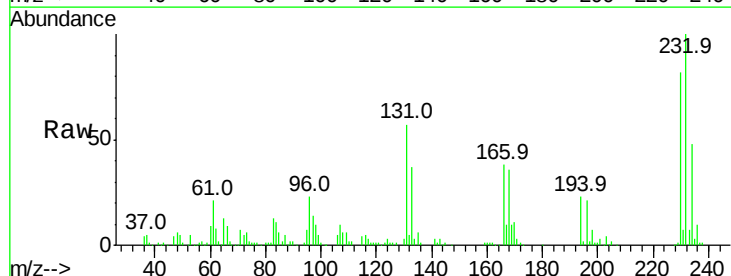
Ion Ratio Lower Upper

232 100

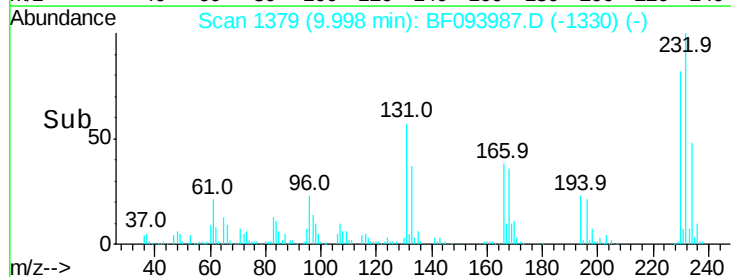
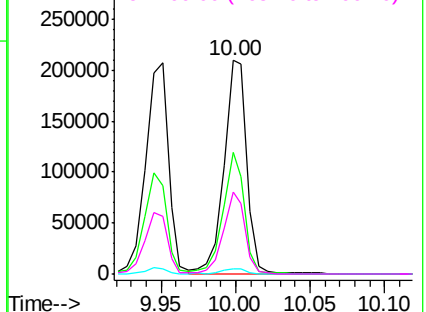
131 53.9 44.8 67.2

130 2.8 2.3 3.5

166 36.6 29.0 43.4



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

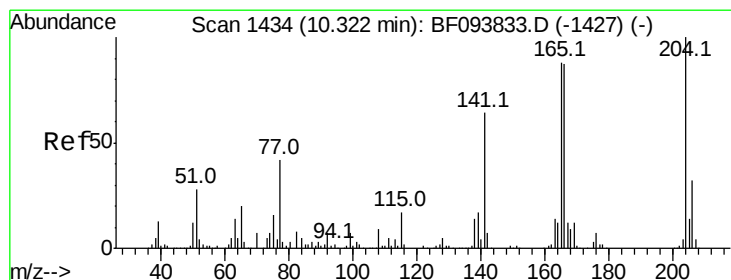
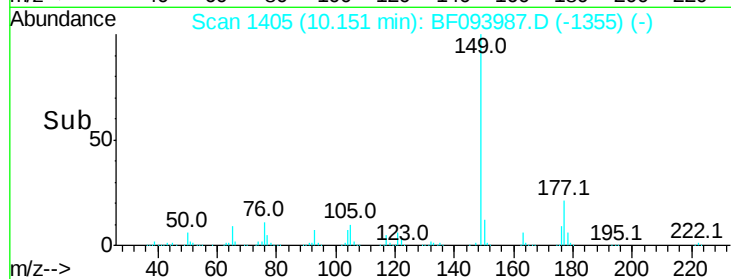
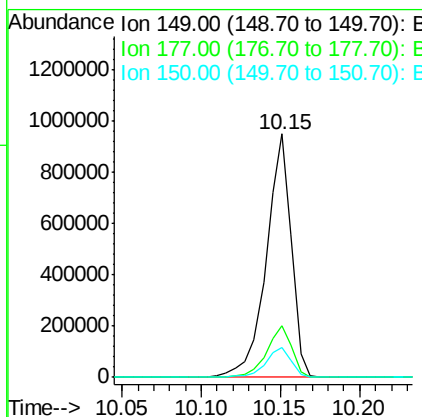
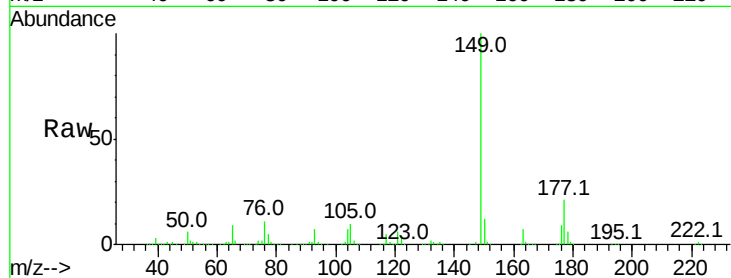




#59
Diethylphthalate
Concen: 48.89 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

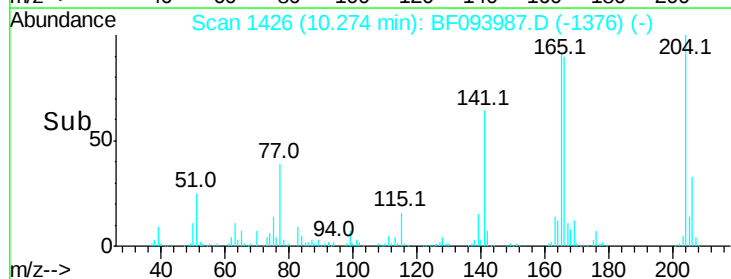
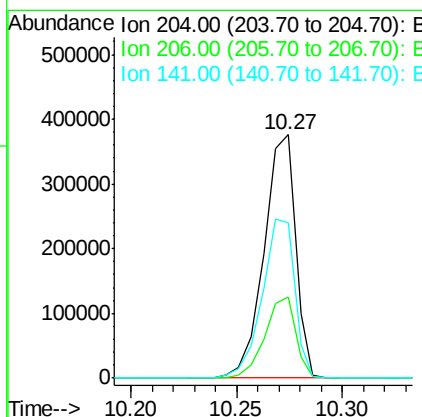
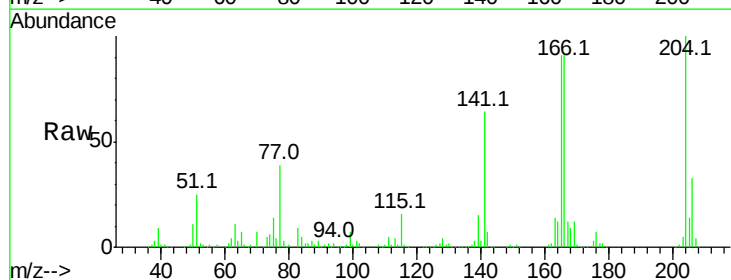
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1046950
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.90 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:204 Resp: 393994
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 63.6 60.8 91.2

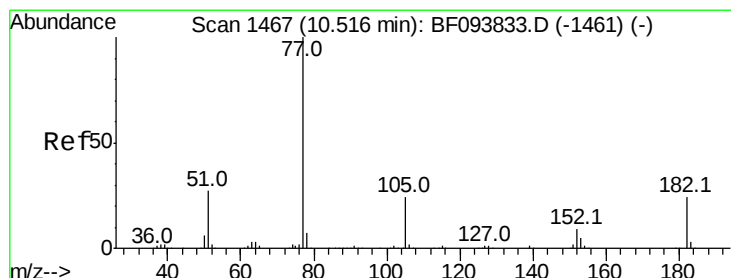
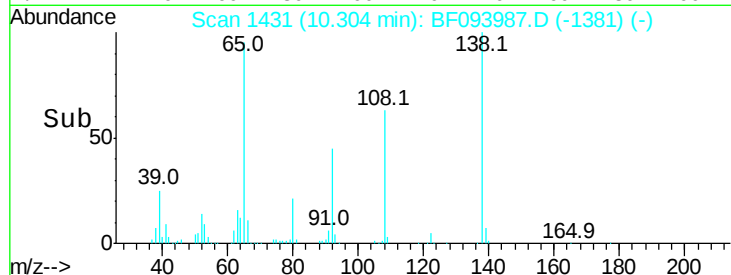
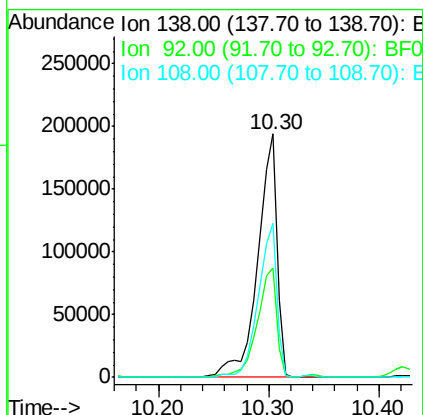
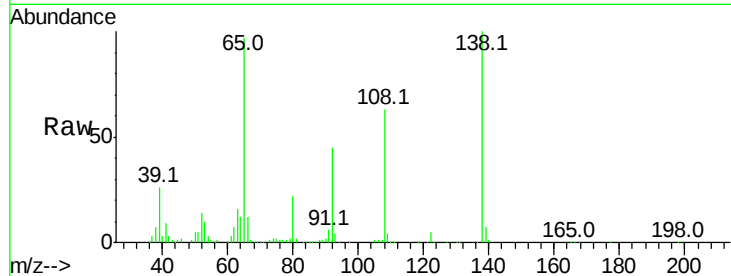




#61
4-Nitroaniline
Concen: 42.95 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

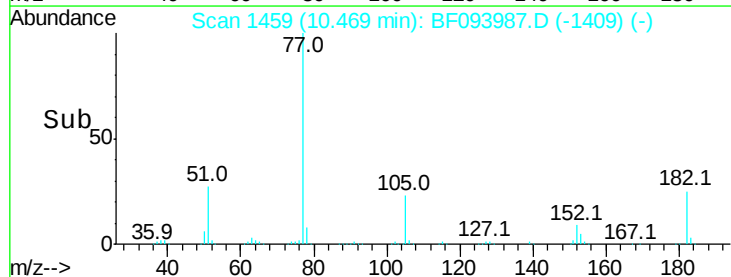
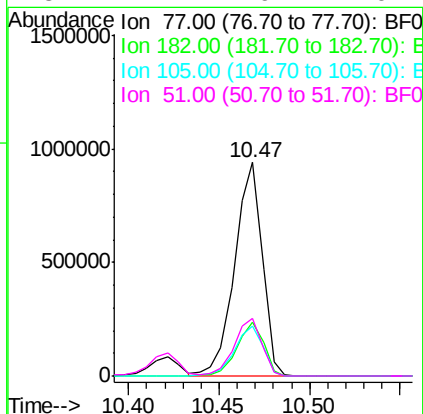
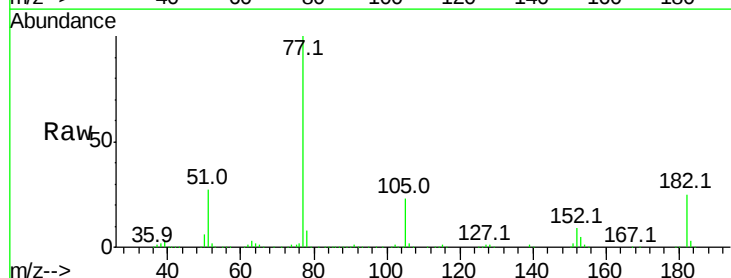
Instrument :
BNA_F
ClientSampled :

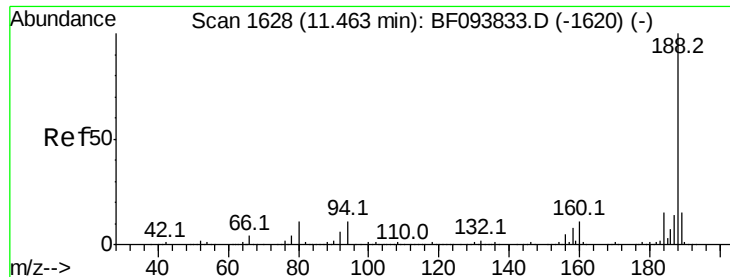
Tot Ion:138 Resp: 240383
Ion Ratio Lower Upper
138 100
92 45.0 21.8 61.8
108 63.4 42.3 82.3



#62
Azobenzene
Concen: 49.09 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion: 77 Resp: 994463
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 23.5 3.6 43.6
51 27.1 9.4 49.4

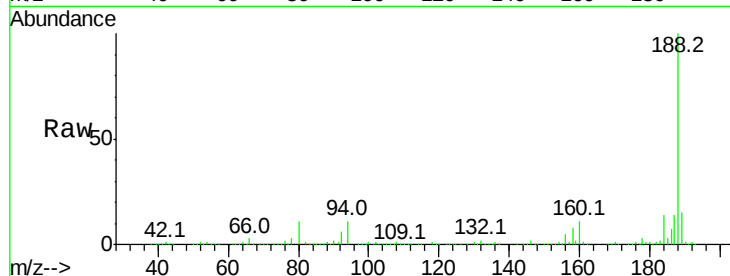




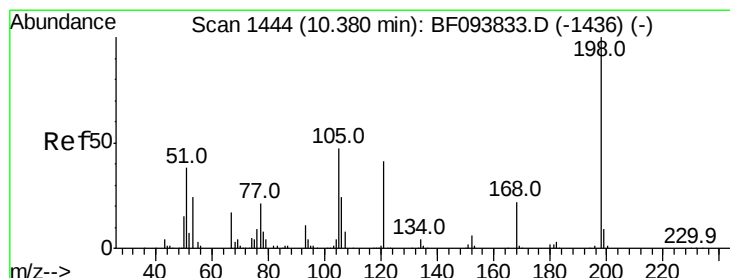
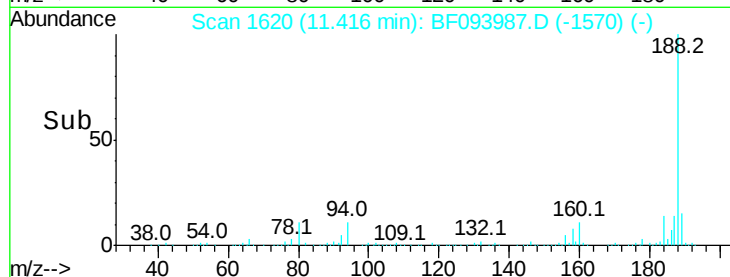
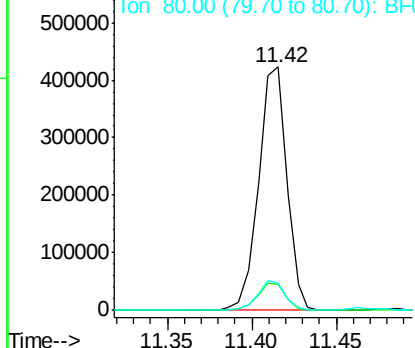
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 493196
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.1 10.2 15.2

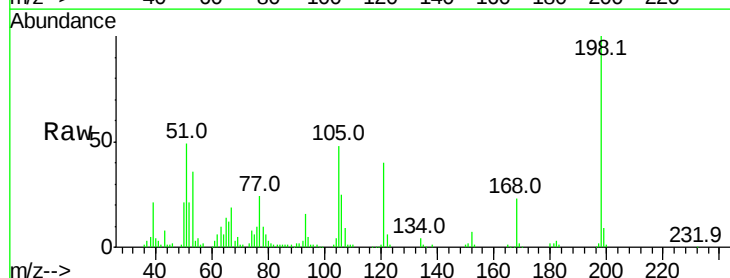


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

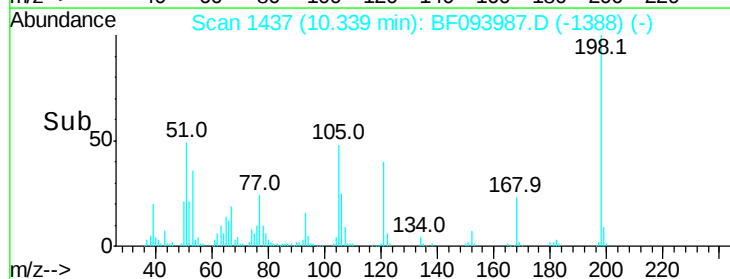
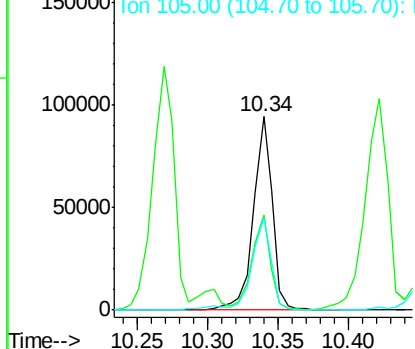


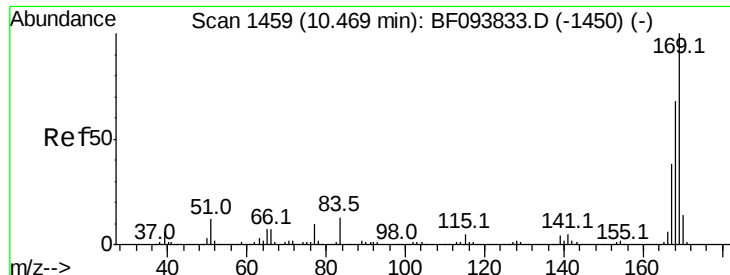
#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.62 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:198 Resp: 89480
 Ion Ratio Lower Upper
 198 100
 51 49.0 53.2 93.2#
 105 48.1 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

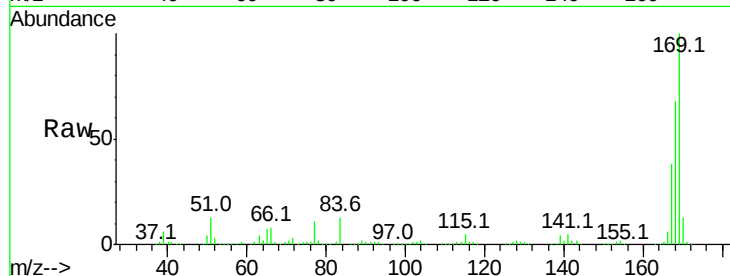




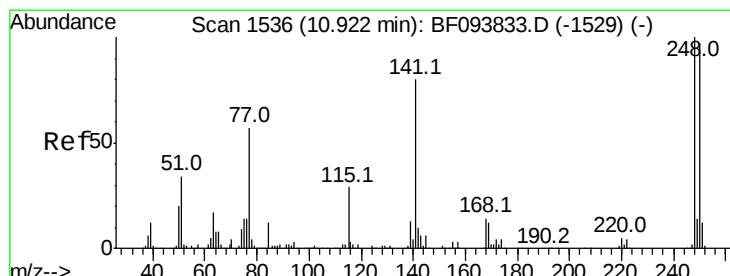
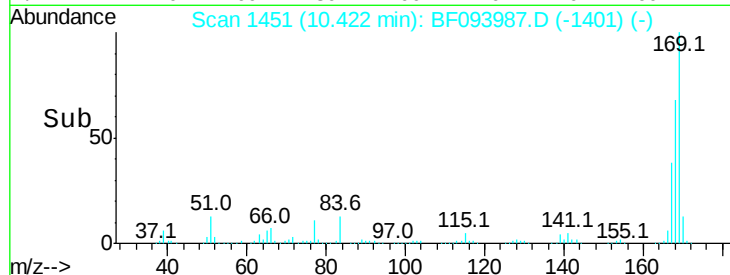
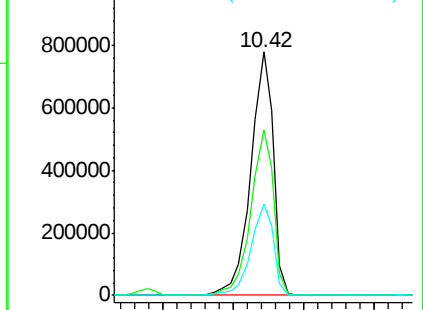
#65
 n-Nitrosodiphenylamine
 Concen: 51.34 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 875628
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.2 79.8
 167 37.5 29.5 44.3

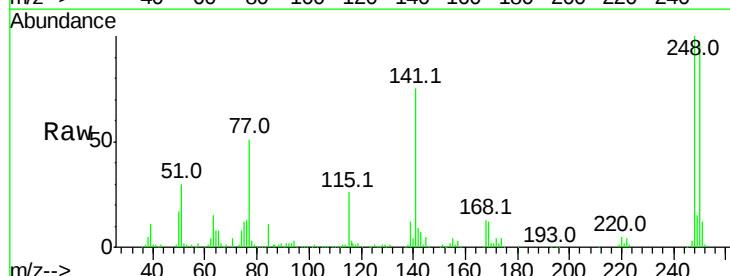


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

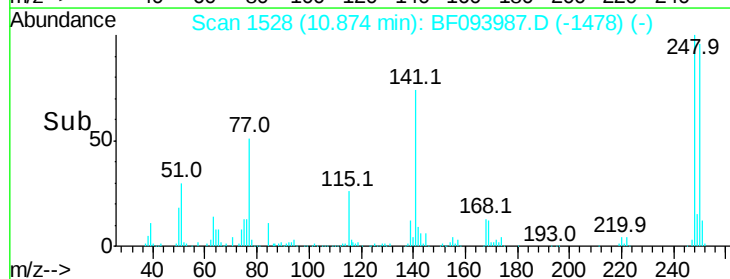
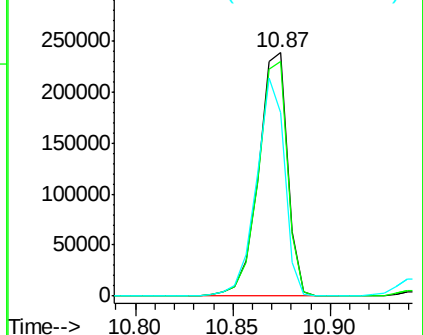


#66
 4-Bromophenyl-phenylether
 Concen: 50.65 ng
 RT: 10.87 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:248 Resp: 245708
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.8 115.2
 141 75.2 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 49.09 ng

RT: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

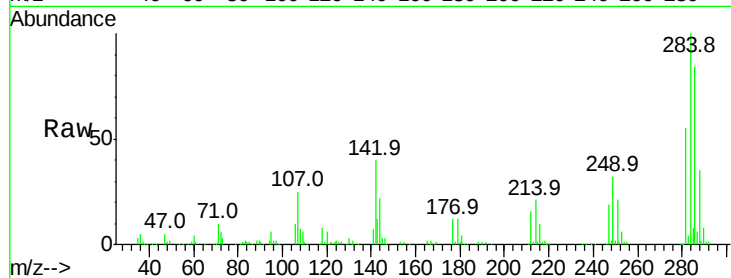
Tot Ion:284 Resp: 241068

Ion Ratio Lower Upper

284 100

142 39.6 22.8 34.2#

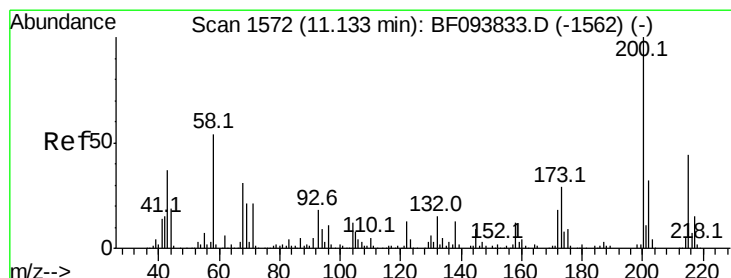
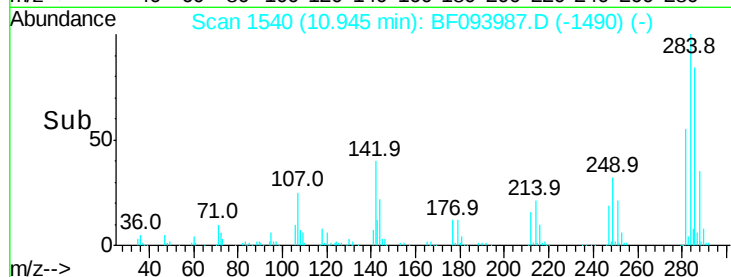
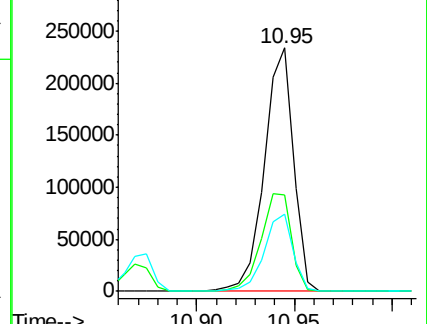
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.40 ng

RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

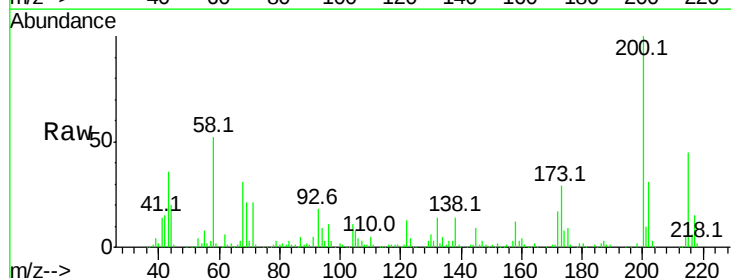
Tgt Ion:200 Resp: 257487

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

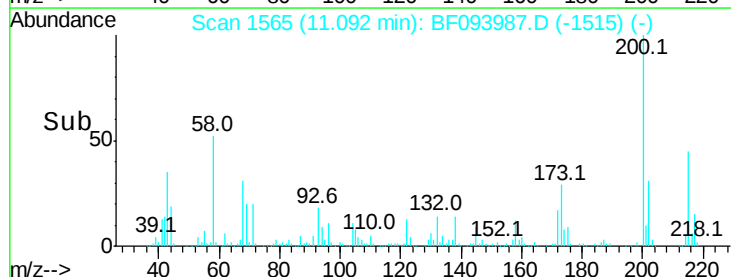
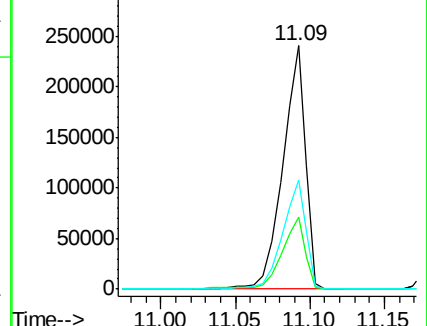
215 45.0 27.2 67.2

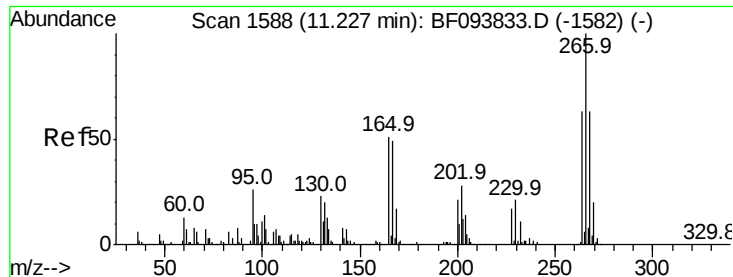


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

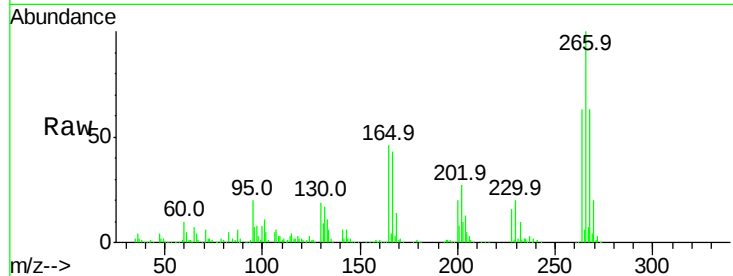




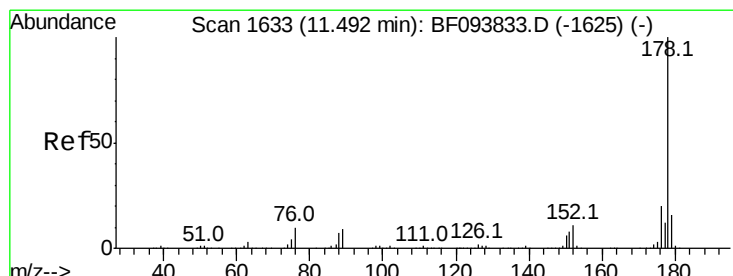
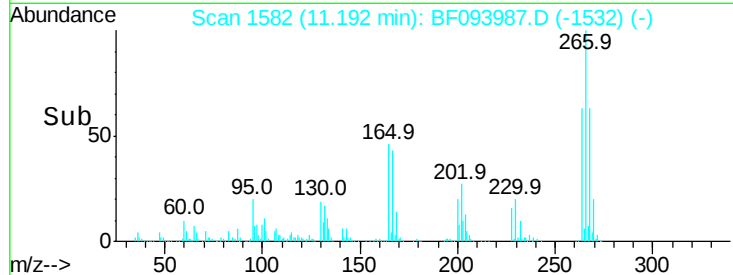
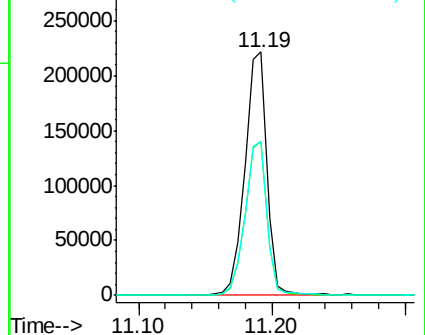
#69
 Pentachlorophenol
 Concen: 82.45 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	63.3	51.7	77.5

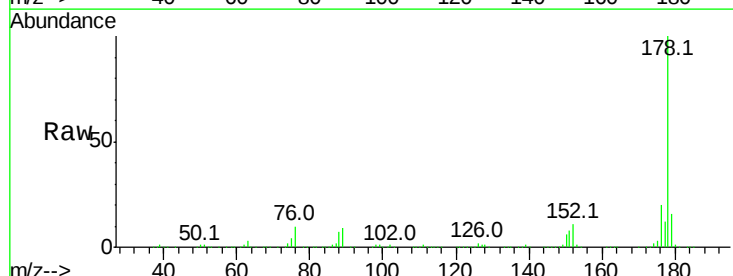


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

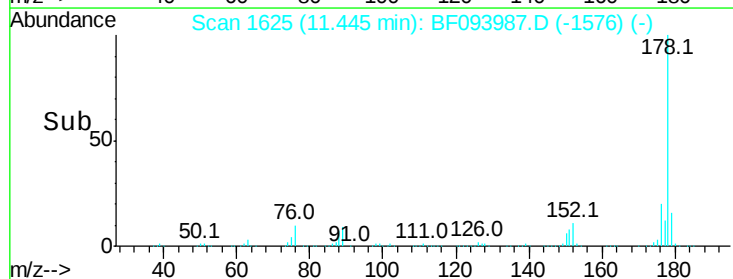
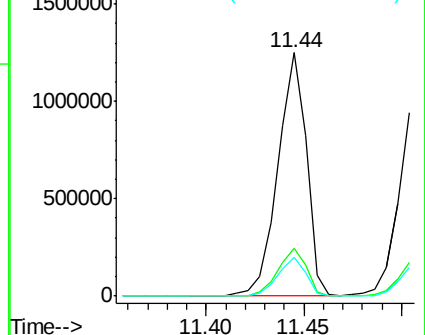


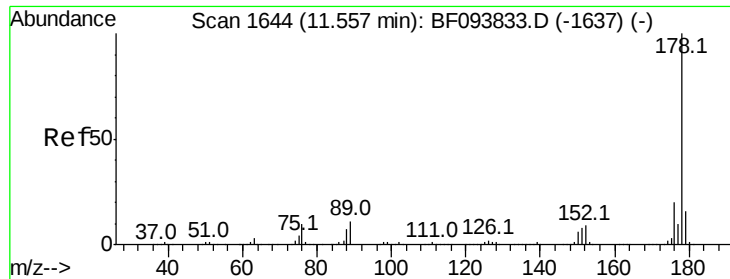
#70
 Phenanthrene
 Concen: 46.19 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.9	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.53 ng

RT: 11.51 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

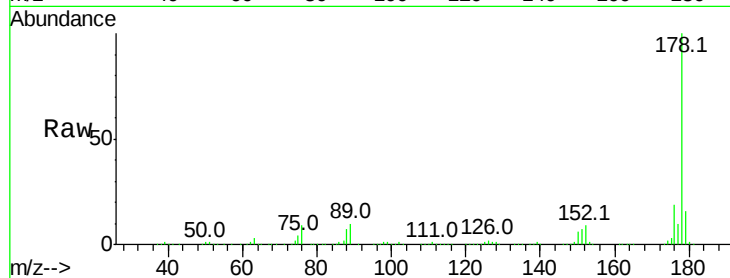
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1314462

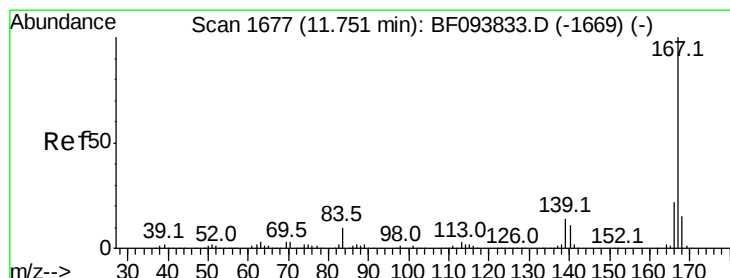
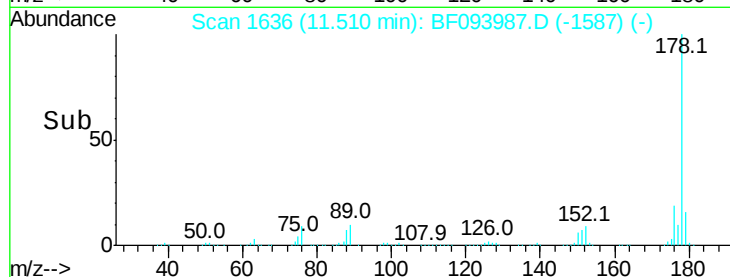
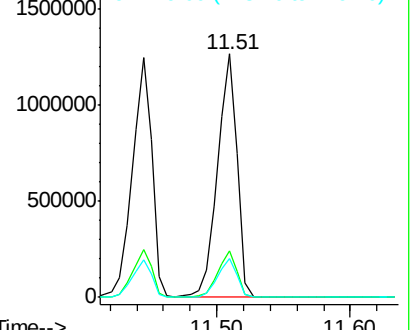
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.9	12.7	19.1



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: 42.73 ng

RT: 11.71 min Scan# 1670

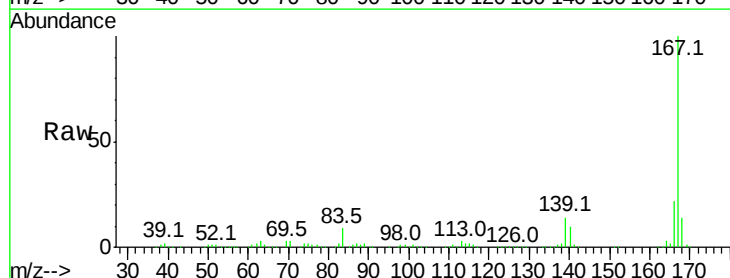
Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Tgt Ion:167 Resp: 1237743

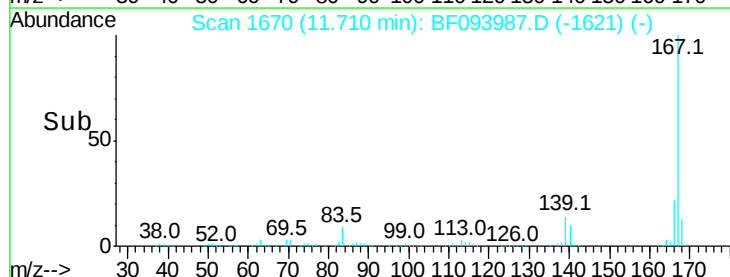
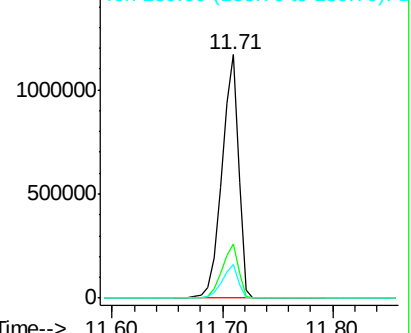
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.6	11.7	17.5

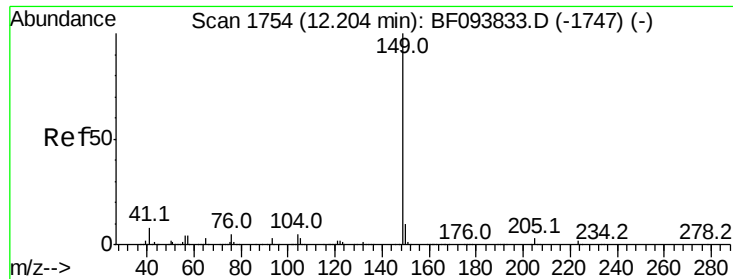


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.68 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

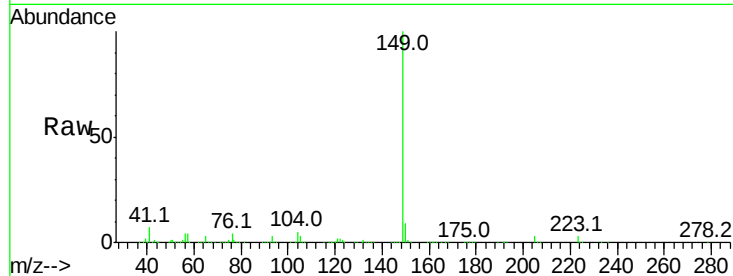
Tot Ion:149 Resp: 1526635

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

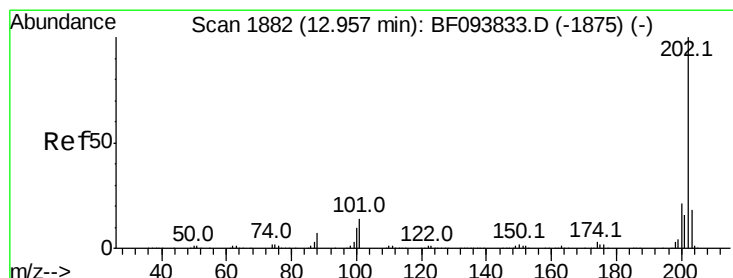
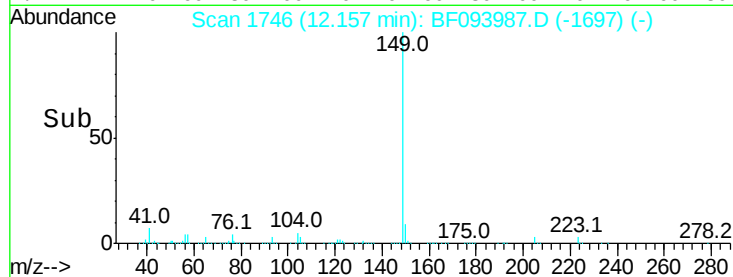
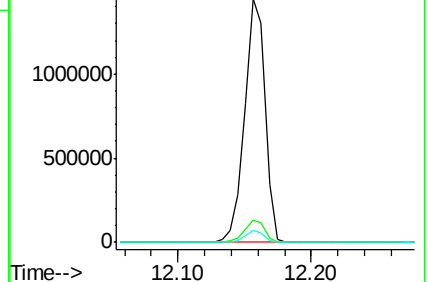
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.29 ng

RT: 12.90 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

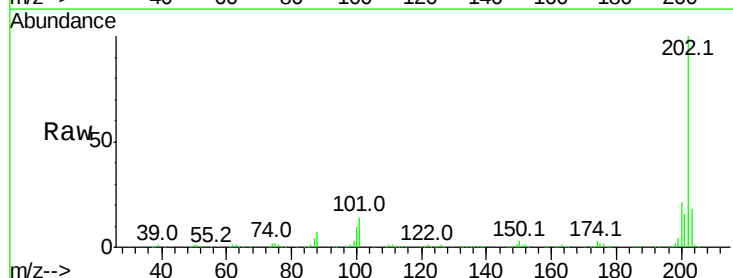
Tgt Ion:202 Resp: 1159928

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

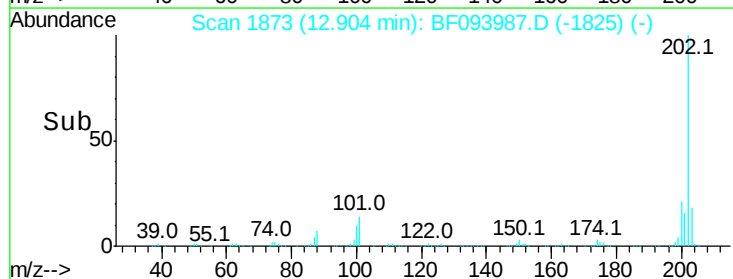
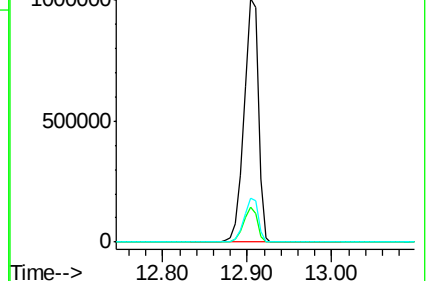
203 17.8 0.0 38.1

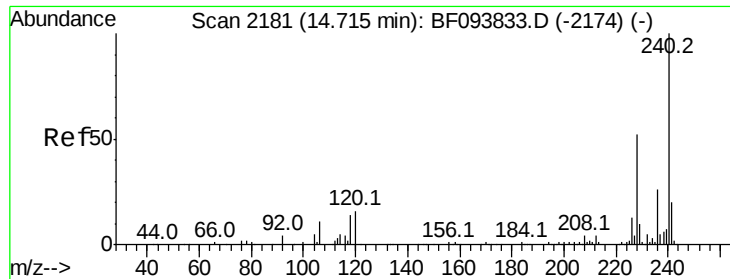


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

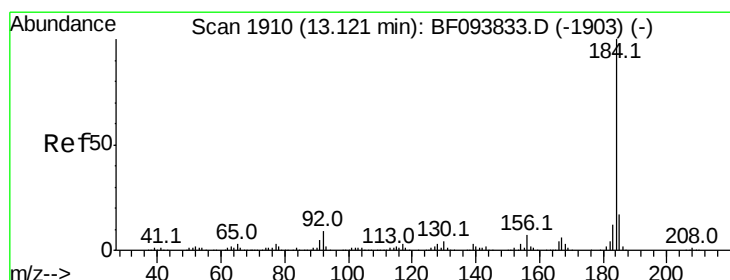
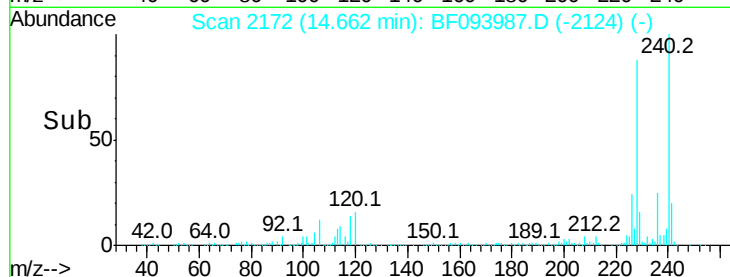
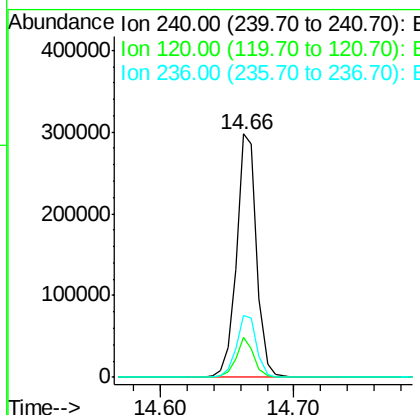
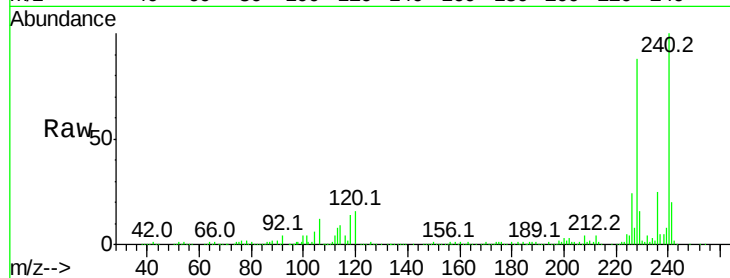




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

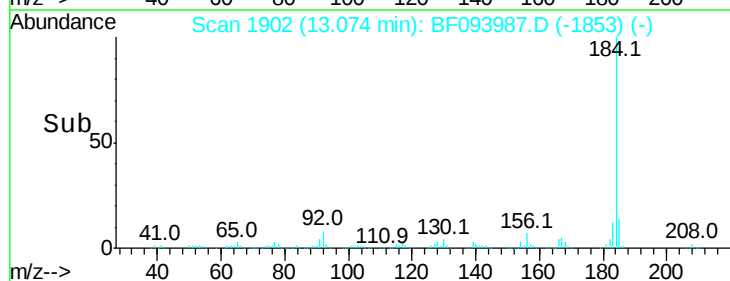
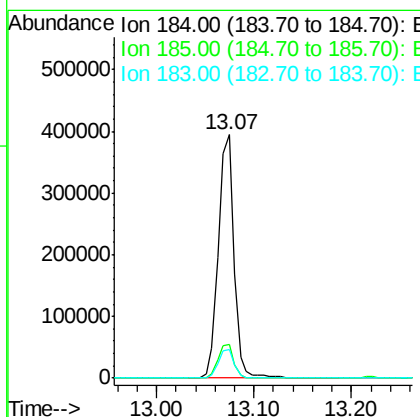
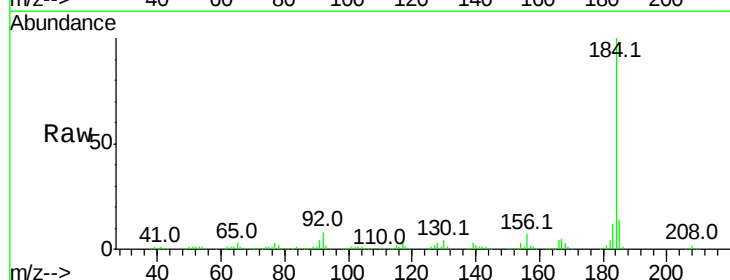
Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 312279
Ion Ratio Lower Upper
240 100
120 16.4 5.8 8.8#
236 25.4 20.5 30.7



#76
Benzidine
Concen: 35.85 ng
RT: 13.07 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:184 Resp: 443138
Ion Ratio Lower Upper
184 100
185 13.8 15.5 23.3#
183 11.7 9.8 14.6

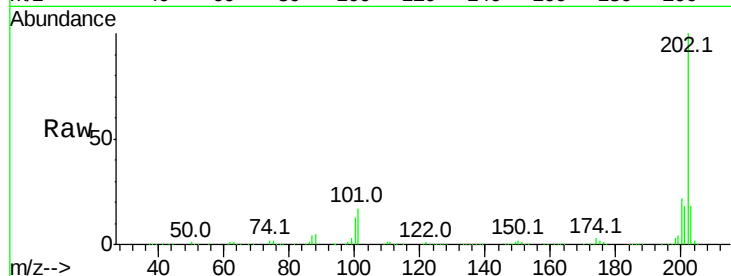




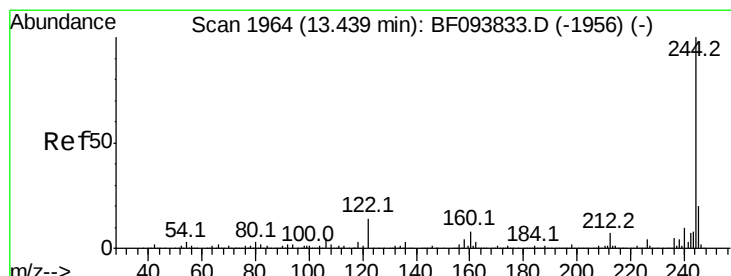
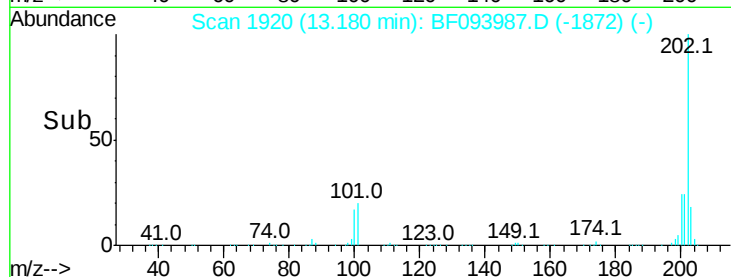
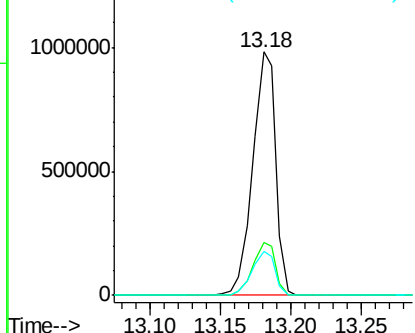
#77
Pvrene
Concen: 49.76 ng
RT: 13.18 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1127624
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.0 14.4 21.6

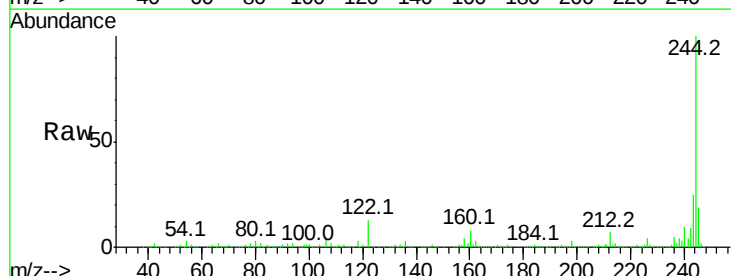


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

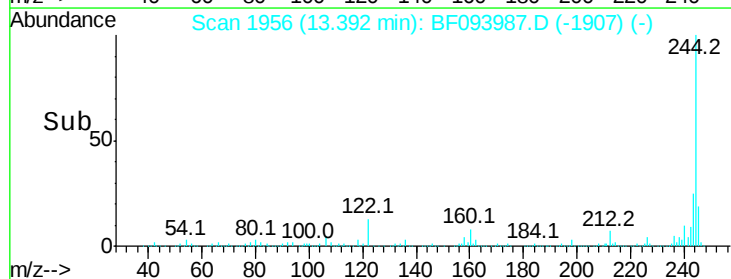
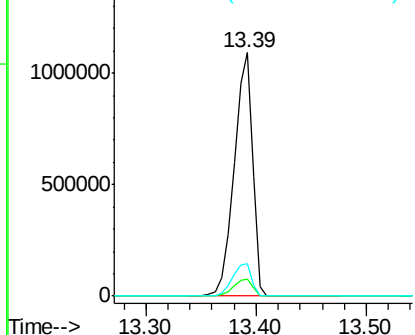


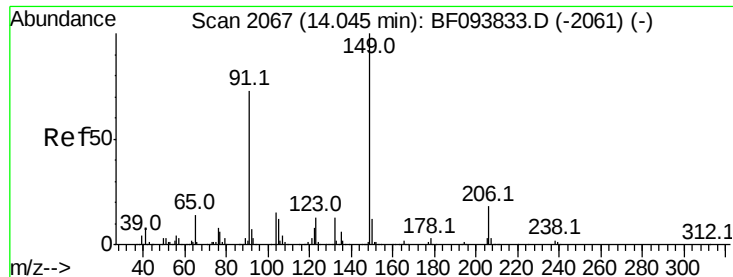
#78
Terphenyl-d14
Concen: 91.84 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:244 Resp: 1279537
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 13.3 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

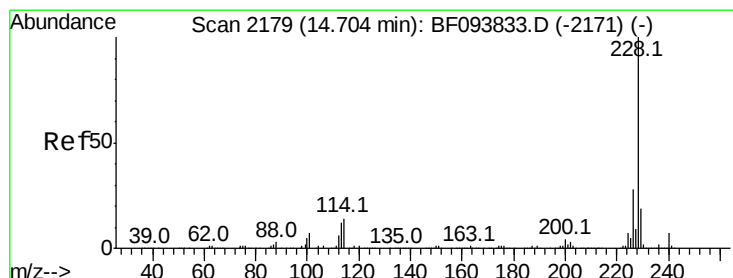
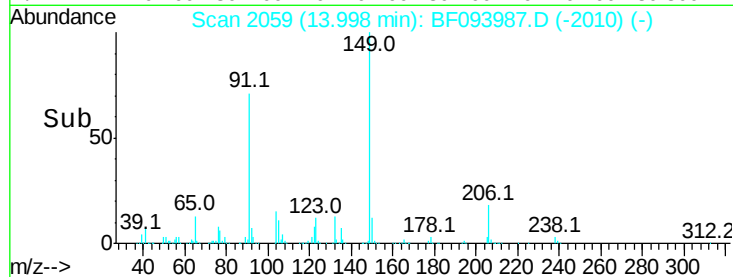
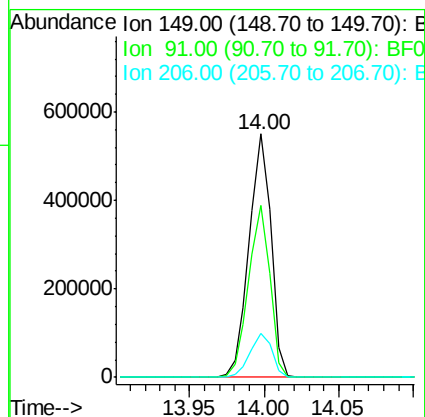
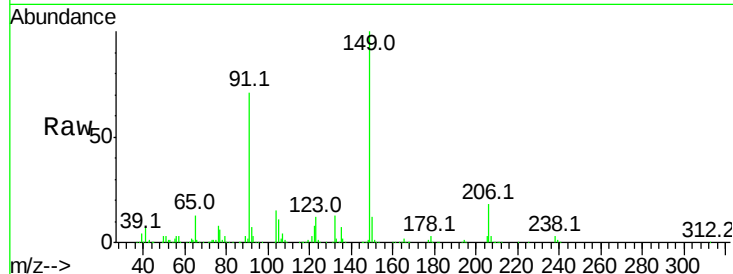




#79
 Butylbenzylphthalate
 Concen: 57.86 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

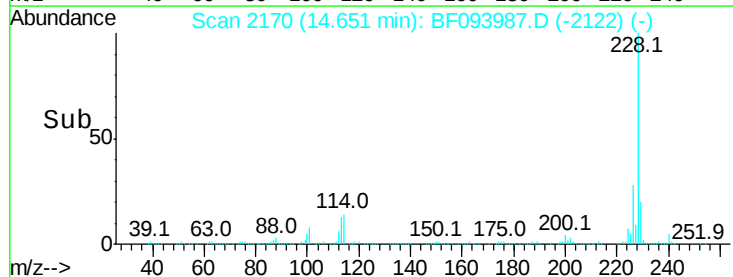
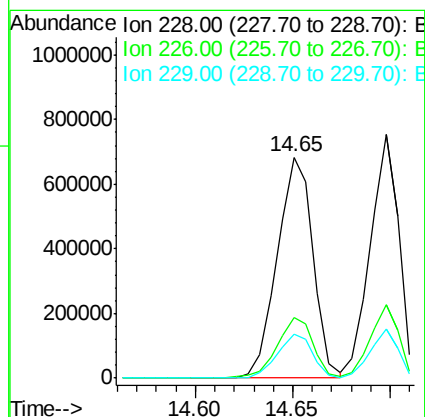
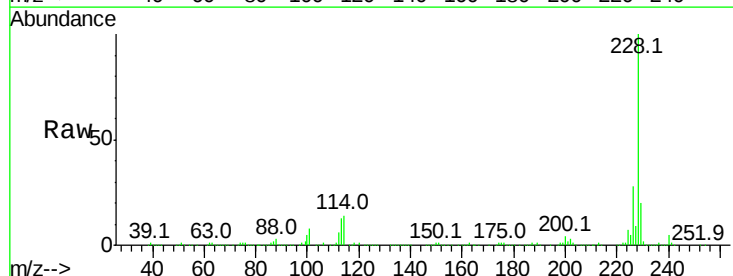
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	558680
Ion Ratio	Lower	Upper	
149	100		
91	70.7	45.0	67.4#
206	17.9	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 47.47 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:	228	Resp:	864367
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.8	16.3	24.5

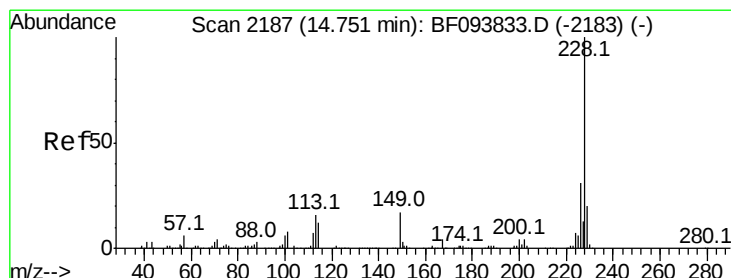
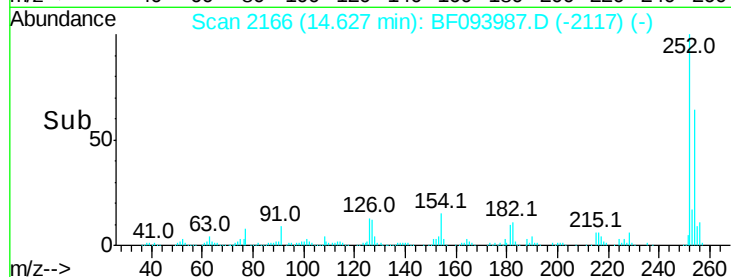
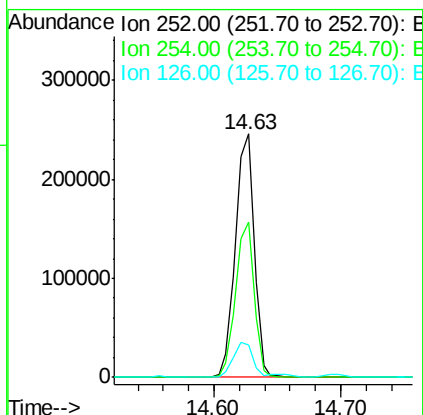
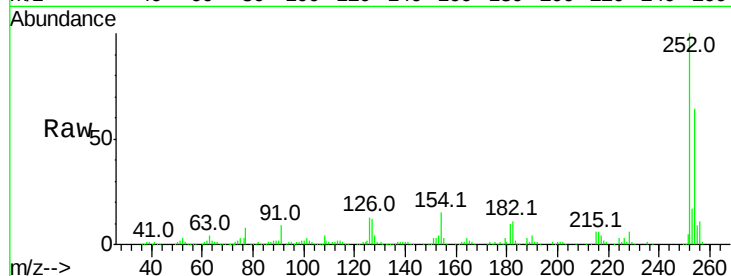




#81
 3,3'-Dichlorobenzidine
 Concen: 38.67 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

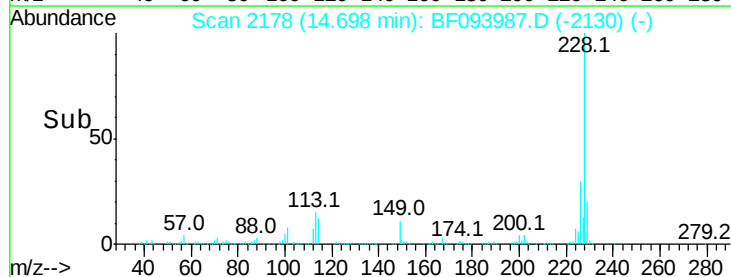
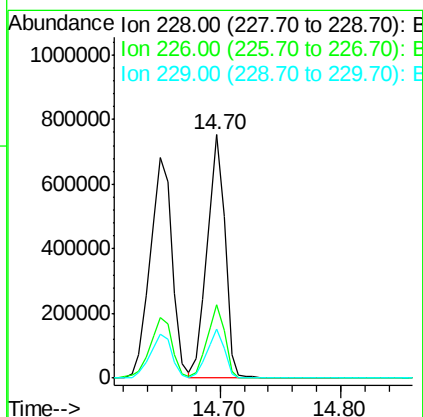
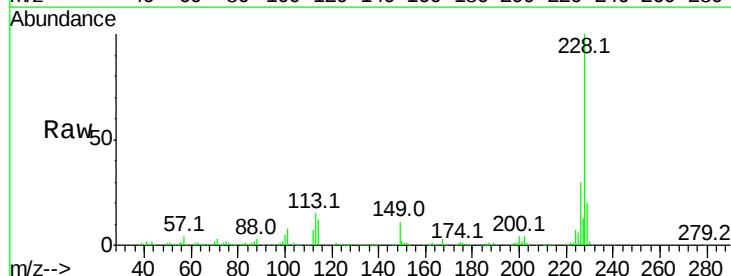
Instrument :
 BNA_F
 ClientSampleId :

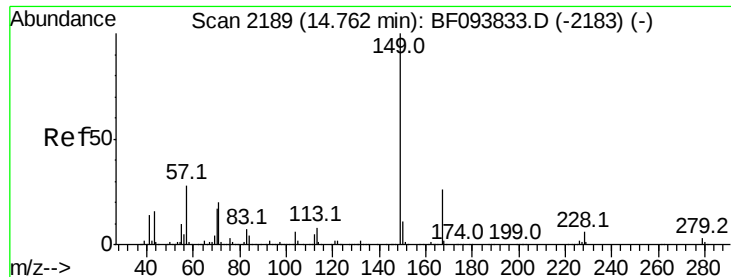
Tot Ion:252 Resp: 251720
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 13.5 15.8 23.8#



#82
 Chrysene
 Concen: 45.46 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:228 Resp: 768149
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.0 15.8 23.6

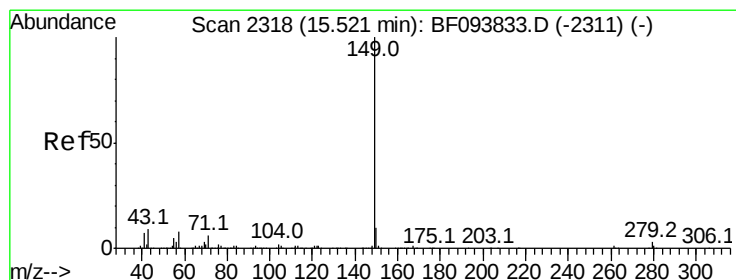
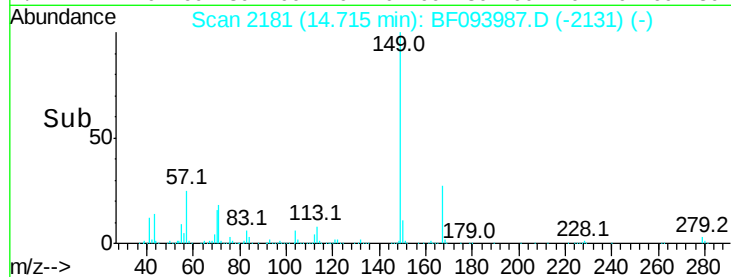
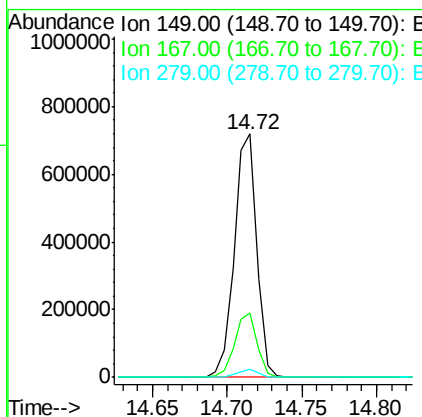
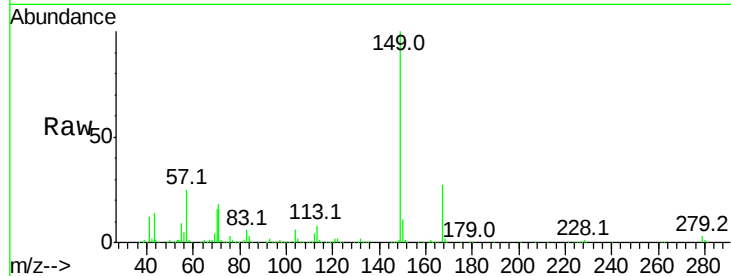




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.50 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

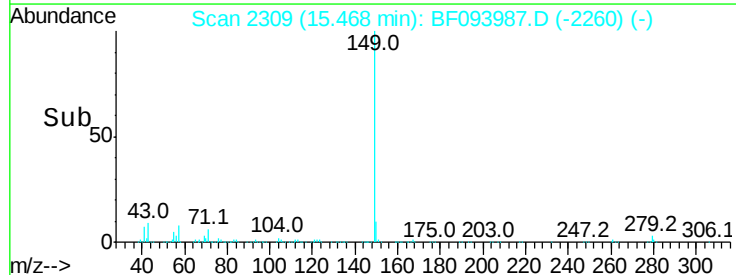
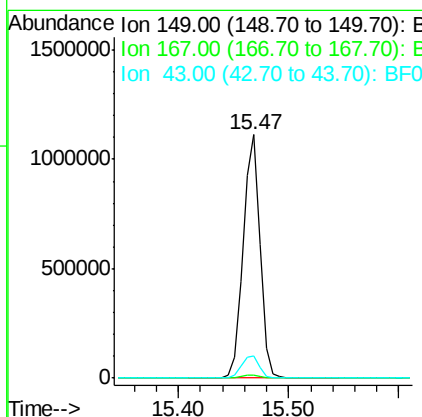
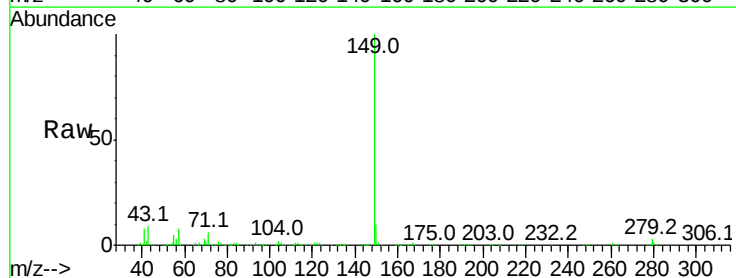
Instrument :
 BNA_F
 ClientSampleId :

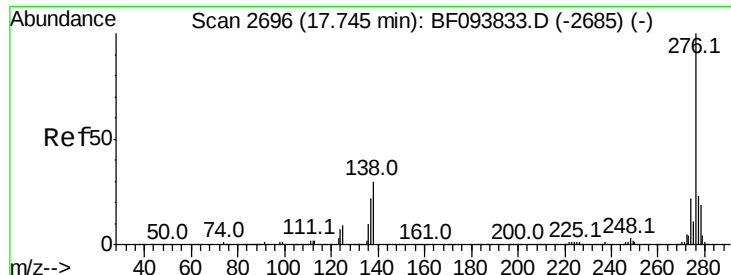
Tot Ion:149 Resp: 757578
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 54.11 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:149 Resp: 1190782
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.5 12.7

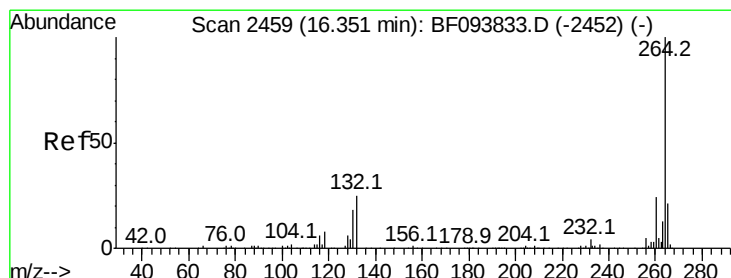
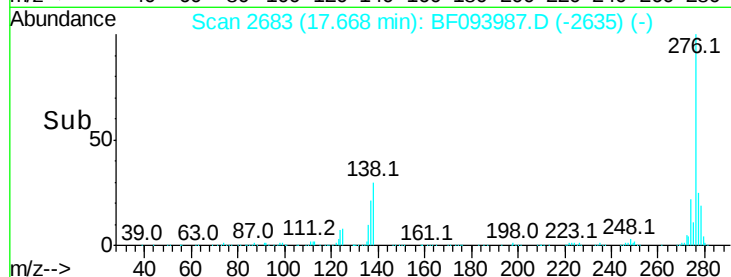
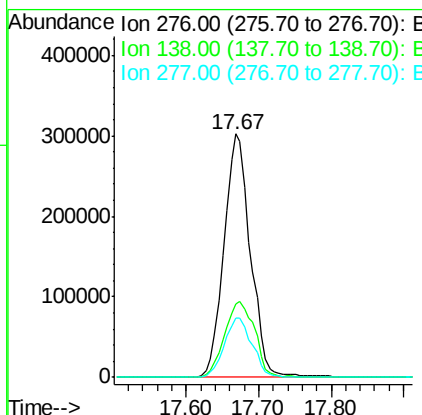
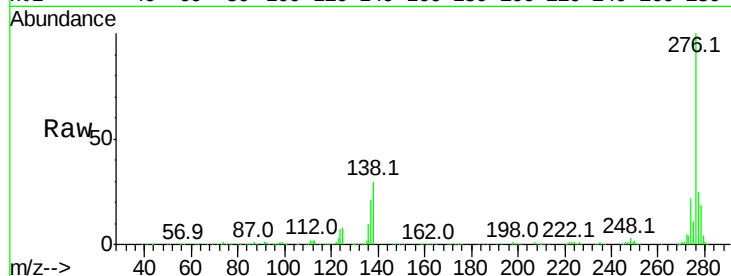




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.34 ng
 RT: 17.67 min Scan# 2683
 Delta R.T. -0.02 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

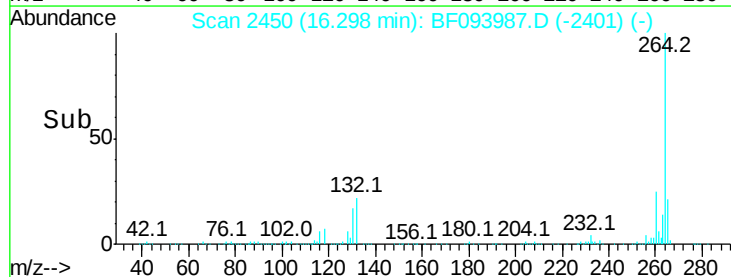
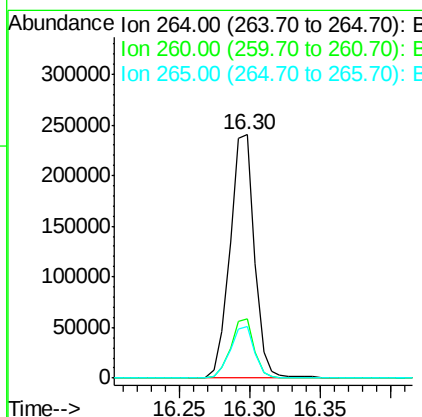
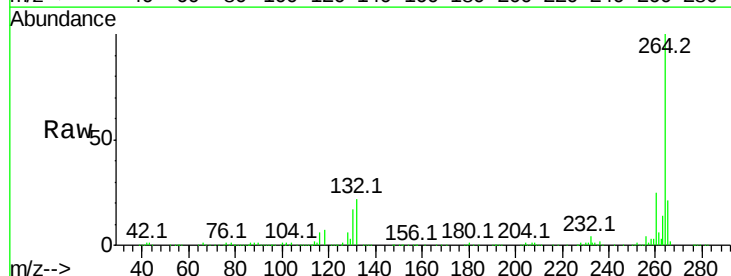
Instrument :
 BNA_F
 ClientSampleId :

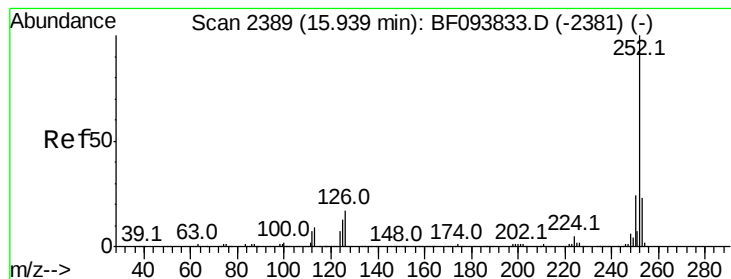
Tot Ion:276 Resp: 766041
 Ion Ratio Lower Upper
 276 100
 138 35.8 27.8 41.6
 277 25.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Tgt Ion:264 Resp: 289570
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 48.47 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

Instrument :

BNA_F

ClientSampleId :

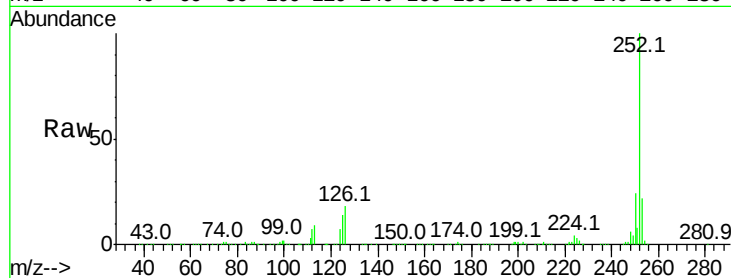
Tot Ion:252 Resp: 860263

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

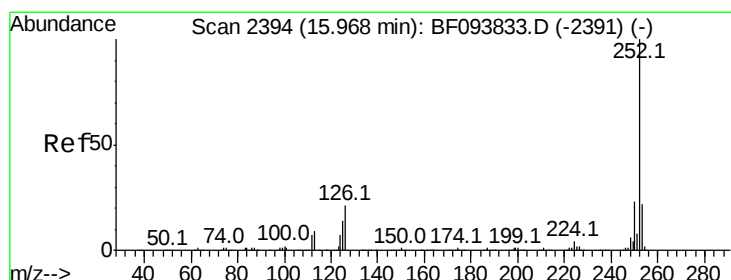
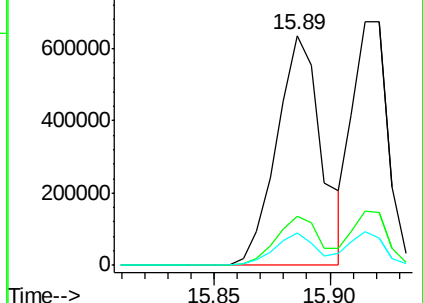
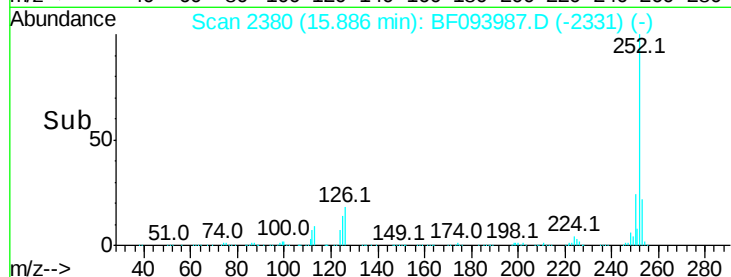
125 13.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.69 ng

RT: 15.92 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF093987.D

Acq: 28 Mar 2017 12:04

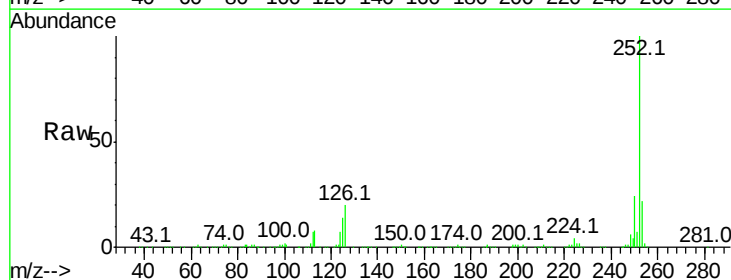
Tgt Ion:252 Resp: 724032

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

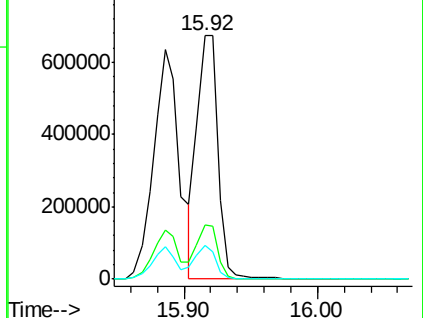
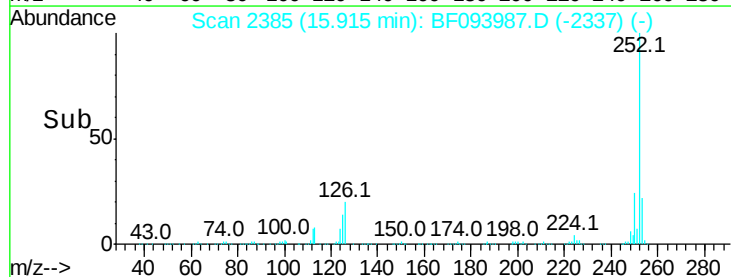
125 14.0 13.1 19.7

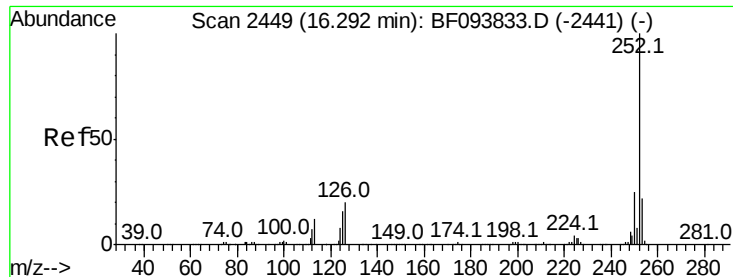


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

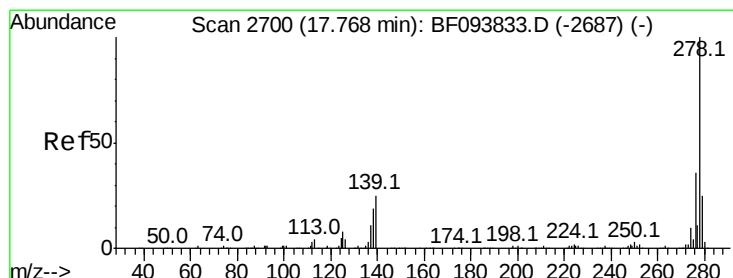
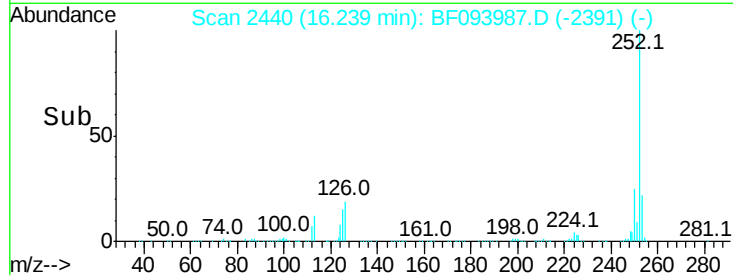
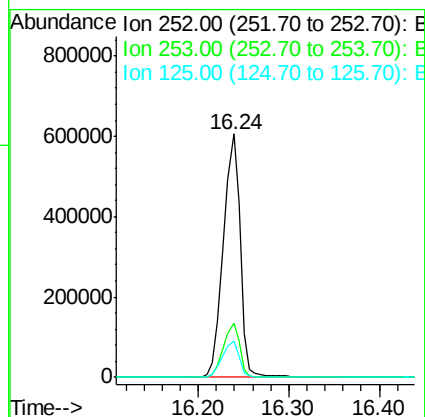
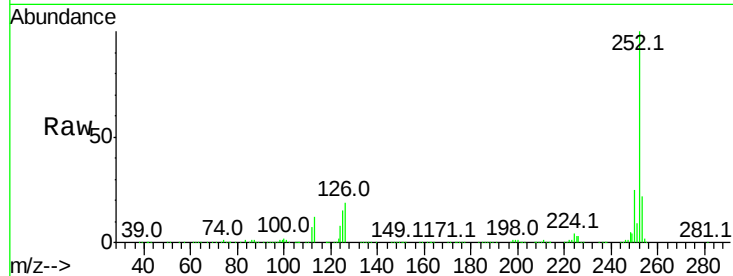




#89
Benzo(a)pyrene
Concen: 47.48 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

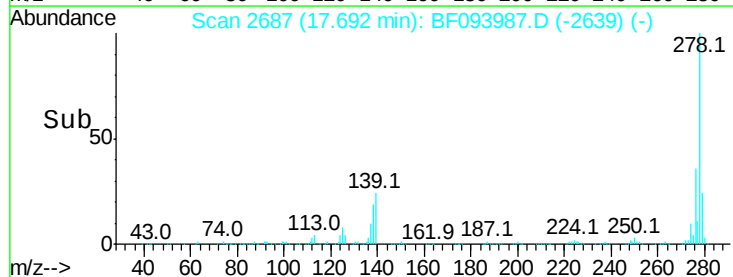
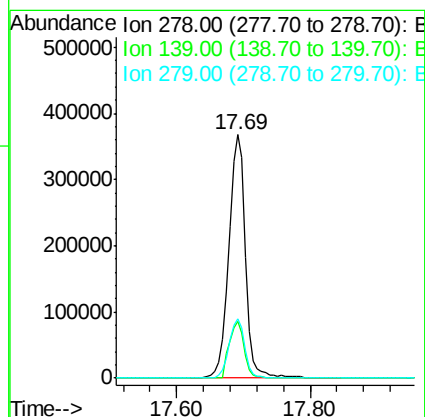
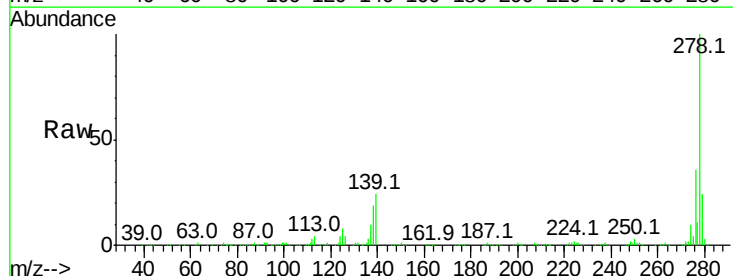
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 776124
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 14.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 46.96 ng
RT: 17.69 min Scan# 2687
Delta R.T. -0.02 min
Lab File: BF093987.D
Acq: 28 Mar 2017 12:04

Tgt Ion:278 Resp: 650048
Ion Ratio Lower Upper
278 100
139 23.6 16.6 24.8
279 24.4 19.3 28.9

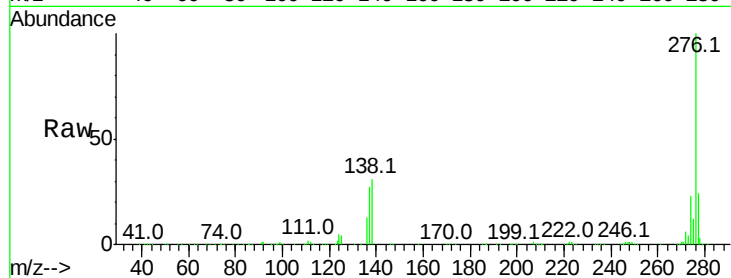




#91
 Benzo(a,h,i)perylene
 Concen: 43.72 ng
 RT: 18.07 min Scan# 2752
 Delta R.T. -0.02 min
 Lab File: BF093987.D
 Acq: 28 Mar 2017 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	31.4	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

