

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096934.D
 Acq On : 21 Jul 2017 5:55
 Operator : SJ/JU
 Sample : I4253-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 21 08:55:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	26628	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	79344	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	6123	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	77172	20.00	ng	0.05
75) Chrysene-d12	13.82	240	28576	20.00	ng	0.08
86) Perylene-d12	15.19	264	109978	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	708848	400.26	ng	-0.03
7) Phenol-d6	6.23	99	545947	256.89	ng	-0.02
23) Nitrobenzene-d5	7.15	82	44115	34.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	48957	936.71	ng	0.08
44) 2-Fluorobiphenyl	9.05	172	199865	515.71	ng	0.09
78) Terphenyl-d14	12.73	244	289233	175.53	ng	0.04

Target Compounds						Qvalue
6) Aniline	6.32	93	530207	202.54	ng	# 51
9) Benzaldehyde	6.13	77	109418	89.08	ng	# 1
10) Phenol	6.24	94	39878	16.60	ng	# 12
11) bis(2-Chloroethyl)ether	6.32	93	530207	293.48	ng	86
12) 1,3-Dichlorobenzene	6.52	146	484380	238.51	ng	98
13) 1,4-Dichlorobenzene	6.60	146	1507462	732.98	ng	95
14) 1,2-Dichlorobenzene	6.76	146	816976	436.74	ng	99
15) Benzyl Alcohol	6.72	79	277953	199.77	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	6.90	45	761387	204.21	ng	# 24
17) 2-Methylphenol	6.90	107	151997	102.31	ng	# 1
18) Hexachloroethane	7.13	117	387883	531.88	ng	# 1
19) n-Nitroso-di-n-propylamine	6.95	70	18297	14.29	ng	# 41
20) 3+4-Methylphenols	7.05	107	142494	79.04	ng	# 74
22) Acetophenone	6.92	105	1305571	736.21	ng	# 62
24) Nitrobenzene	7.13	77	42038	31.73	ng	# 29
25) Isophorone	7.40	82	7684	3.22	ng	# 1
26) 2-Nitrophenol	7.52	139	2087	2.83	ng	# 1
27) 2,4-Dimethylphenol	7.80	122	219776	181.35	ng	89
29) 2,4-Dichlorophenol	7.88	162	159816	145.69	ng	# 8
30) 1,2,4-Trichlorobenzene	7.86	180	29937	28.70	ng	# 54
31) Naphthalene	7.99	128	9859289	2623.06	ng	95
32) Benzoic acid	7.80	122	220015	284.05	ng	# 1
33) 4-Chloroaniline	7.99	127	1301098	873.69	ng	# 43
35) Caprolactam	8.32	113	8473	24.11	ng	# 1
36) 4-Chloro-3-methylphenol	8.32	107	385443	326.77	ng	# 21
37) 2-Methylnaphthalene	8.80	142	15181487	6335.40	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	3689	22.29	ng	# 1
42) 2,4,6-Trichlorophenol	8.90	196	2427	19.88	ng	# 13
43) 2,4,5-Trichlorophenol	8.93	196	1225	9.95	ng	# 1
45) 1,1'-Biphenyl	9.18	154	1653017	3147.80	ng	96
46) 2-Chloronaphthalene	8.99	162	29569	76.47	ng	# 1
47) 2-Nitroaniline	9.21	65	11276	84.83	ng	# 42
48) Acenaphthylene	9.47	152	408387	662.84	ng	# 1
49) Dimethylphthalate	9.33	163	24407	52.94	ng	# 28

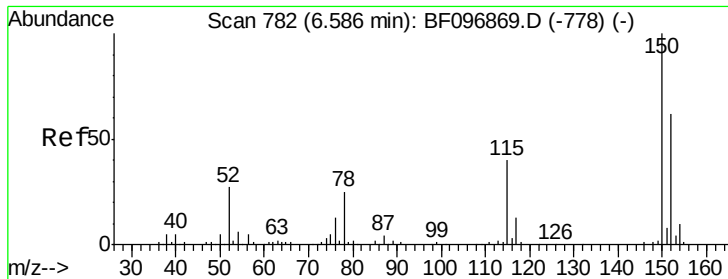
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.43	165	8467	84.79	nq	# 1
51) Acenaphthene	9.78	154	1387925	3813.36	nq	90
52) 3-Nitroaniline	9.59	138	1526	12.90	nq	# 11
53) 2,4-Dinitrophenol	9.71	184	2713	56.99	nq	# 1
54) Dibenzofuran	9.90	168	273537	536.31	nq	# 88
55) 4-Nitrophenol	9.77	139	24162	279.56	nq	89
56) 2,4-Dinitrotoluene	9.79	165	70827	551.95	nq	# 34
57) Fluorene	10.15	166	63585	168.71	nq	# 2
58) 2,3,4,6-Tetrachlorophenol	10.03	232	5813	68.07	nq	# 12
59) Diethylphthalate	10.07	149	4155	9.26	nq	# 1
60) 4-Chlorophenyl-phenylether	10.19	204	8757	62.63	nq	# 1
61) 4-Nitroaniline	10.17	138	16571	149.17	nq	84
62) Azobenzene	10.37	77	34904	88.15	nq	# 29
64) 4,6-Dinitro-2-methylphenol	10.31	198	6029	12.44	nq	# 1
65) n-Nitrosodiphenylamine	10.31	169	580360	210.38	nq	# 82
67) Hexachlorobenzene	10.83	284	11546	13.16	nq	# 1
68) Atrazine	10.88	200	2155	2.74	nq	# 1
70) Phenanthrene	11.24	178	9828668	2342.33	nq	98
71) Anthracene	11.24	178	9828668	2316.67	nq	98
72) Carbazole	11.40	167	1771018	431.07	nq	98
74) Fluoranthene	12.41	202	9018407	2245.39	nq	99
76) Benzidine	12.43	184	5106	5.45	nq	# 1
77) Pyrene	12.41	202	8181913	3154.87	nq	99
79) Butylbenzylphthalate	13.28	149	3767	3.06	nq	# 1
80) Benzo(a)anthracene	13.83	228	5464303	3068.97	nq	# 89
81) 3,3'-Dichlorobenzidine	13.72	252	3096	4.84	nq	# 1
82) Chrysene	13.86	228	1318928	752.46	nq	# 95
84) Di-n-octyl phthalate	14.42	149	5283	2.13	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.52	276	2333419	668.86	nq	97
87) Benzo(b)fluoranthene	14.83	252	4713313	710.59	nq	99
88) Benzo(k)fluoranthene	14.90	252	792755	126.21	nq	94
89) Benzo(a)pyrene	15.15	252	2566762	421.92	nq	98
90) Dibenzo(a,h)anthracene	16.49	278	873968	156.13	nq	93
91) Benzo(g,h,i)perylene	16.92	276	2146839	358.14	nq	97

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

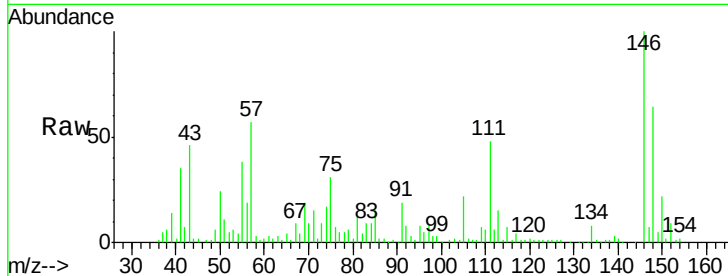


#1

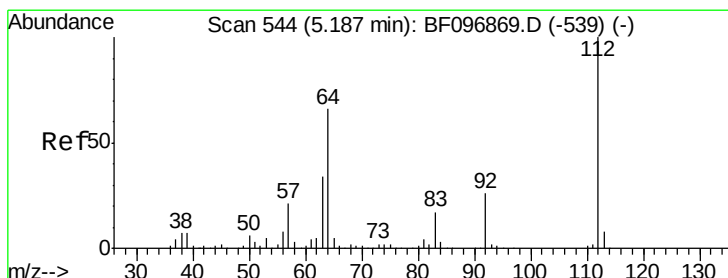
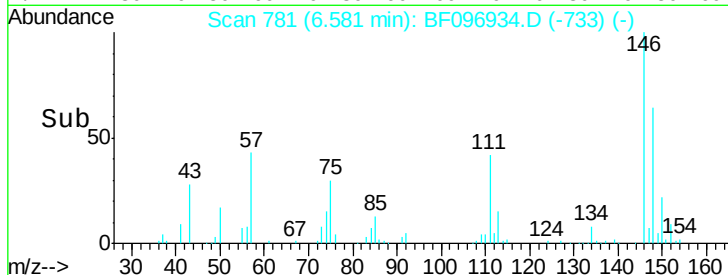
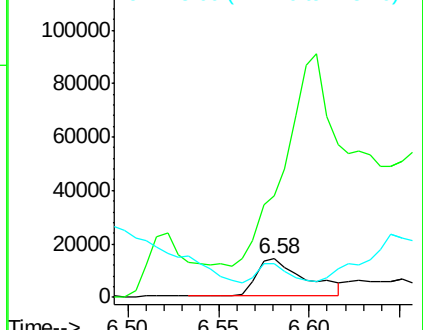
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 26628
Ion Ratio Lower Upper
152 100
150 262.8 126.2 189.2#
115 87.4 52.2 78.2#



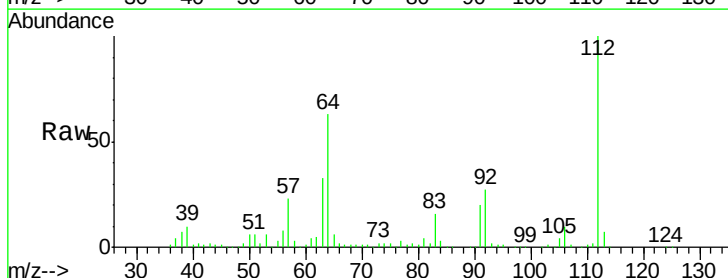
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



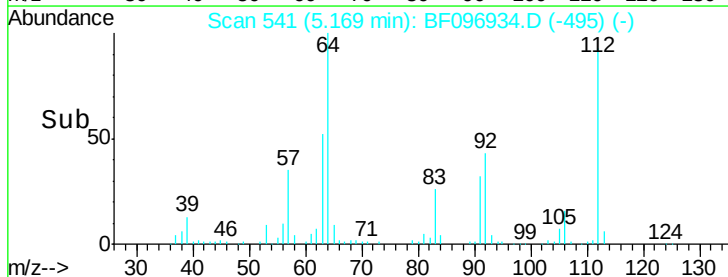
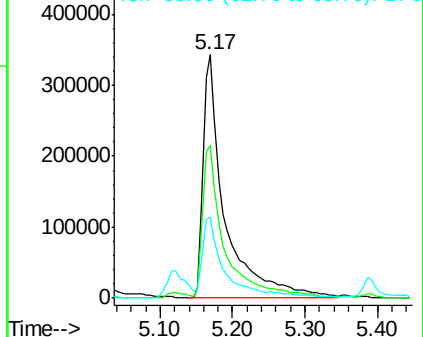
#5

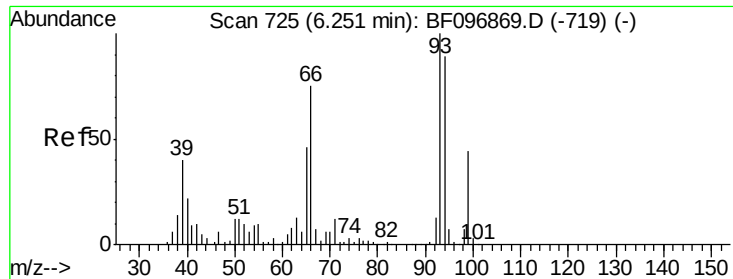
2-Fluorophenol
Concen: 400.26 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:112 Resp: 708848
Ion Ratio Lower Upper
112 100
64 62.9 46.0 69.0
63 33.5 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: 202.54 ng

RT: 6.32 min Scan# 736

Delta R.T. 0.05 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

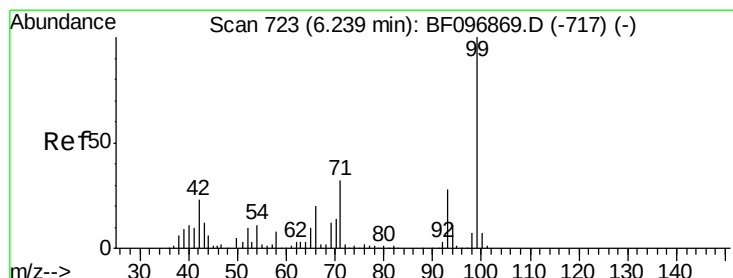
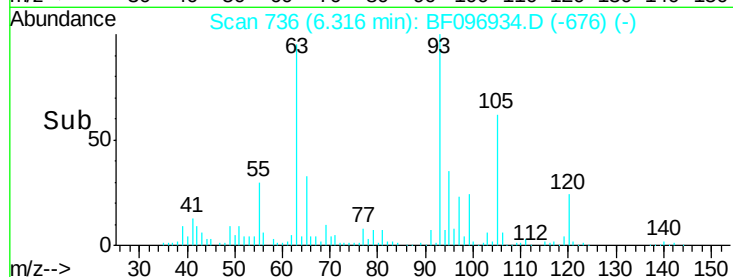
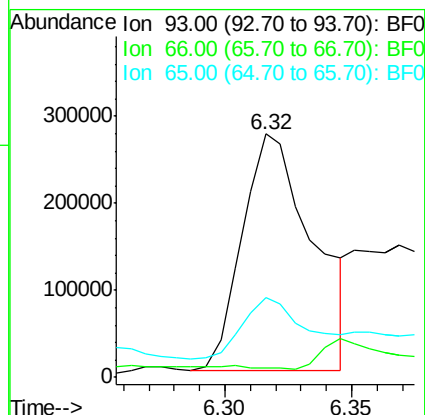
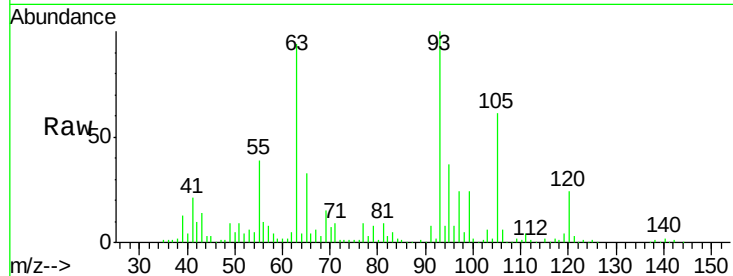
Tot Ion: 93 Resp: 530207

Ion Ratio Lower Upper

93 100

66 4.0 32.9 49.3#

65 32.9 16.0 24.0#



#7

Phenol-d6

Concen: 256.89 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

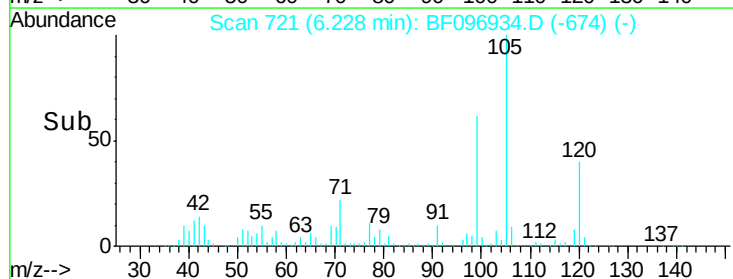
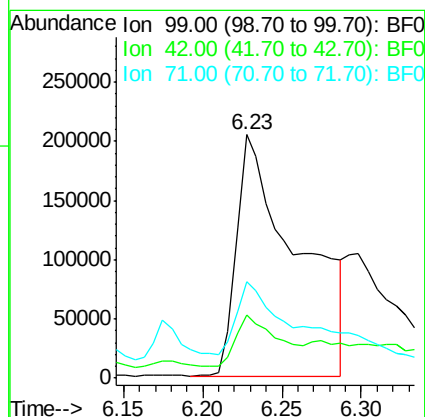
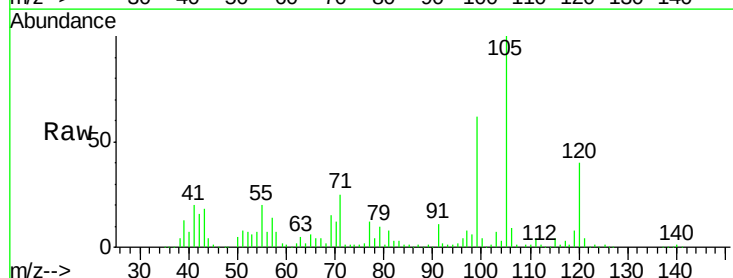
Tgt Ion: 99 Resp: 545947

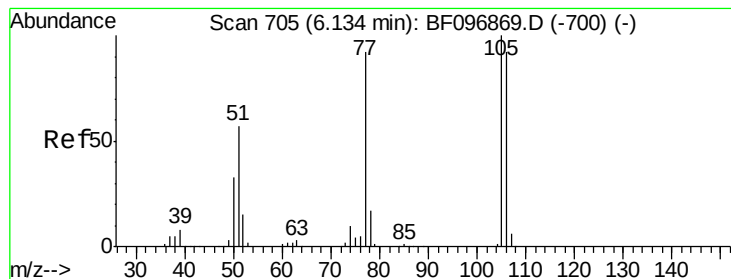
Ion Ratio Lower Upper

99 100

42 25.8 13.5 20.3#

71 39.6 24.5 36.7#





#9

Benzaldehyde

Concen: 89.08 ng

RT: 6.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

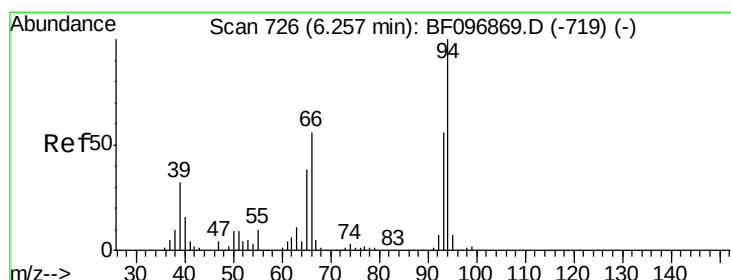
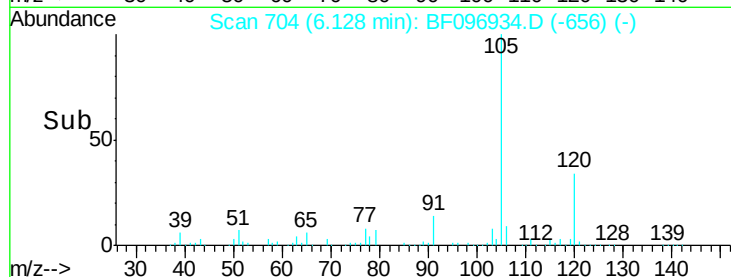
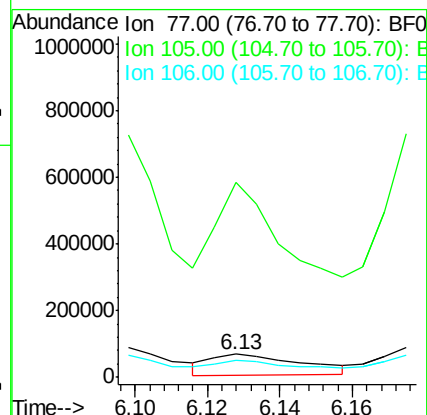
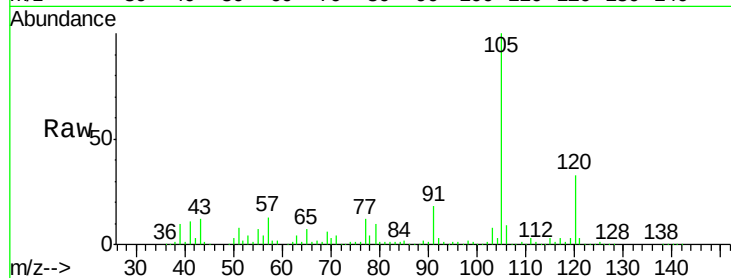
Tot Ion: 77 Resp: 109418

Ion Ratio Lower Upper

77 100

105 843.0 83.8 123.8#

106 76.0 79.1 119.1#



#10

Phenol

Concen: 16.60 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

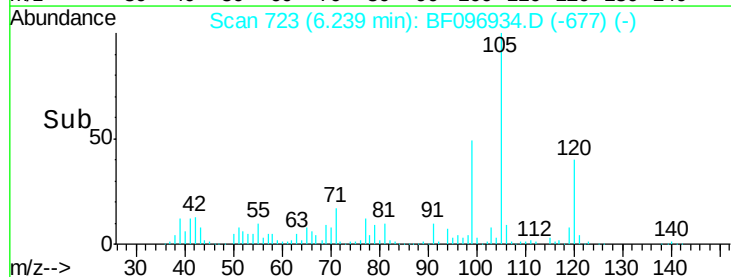
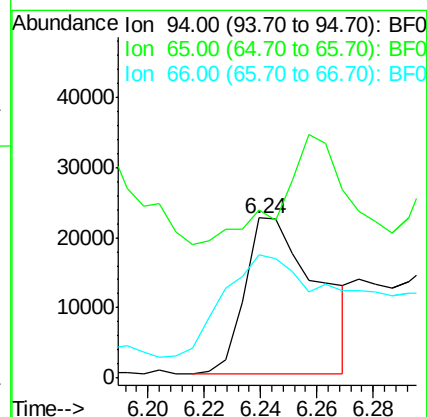
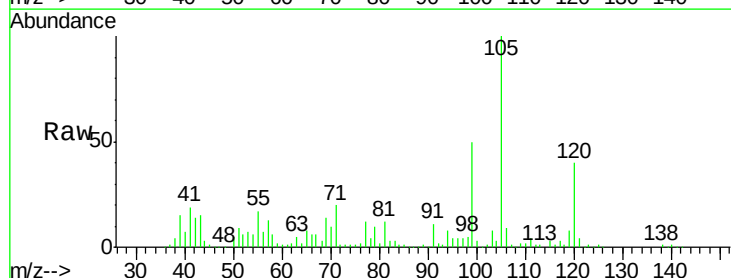
Tgt Ion: 94 Resp: 39878

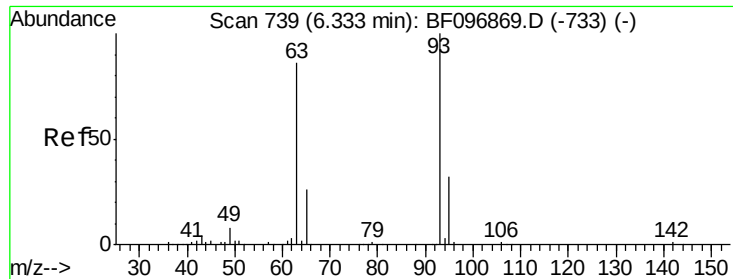
Ion Ratio Lower Upper

94 100

65 104.8 9.9 49.9#

66 76.9 23.1 63.1#

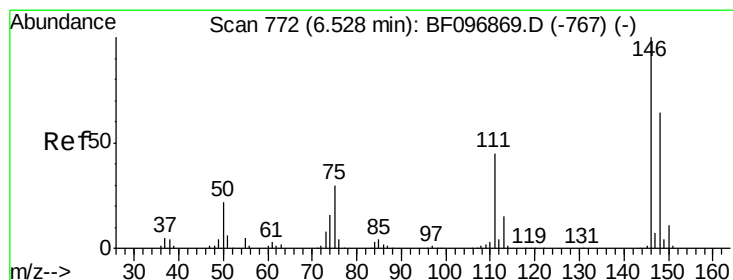
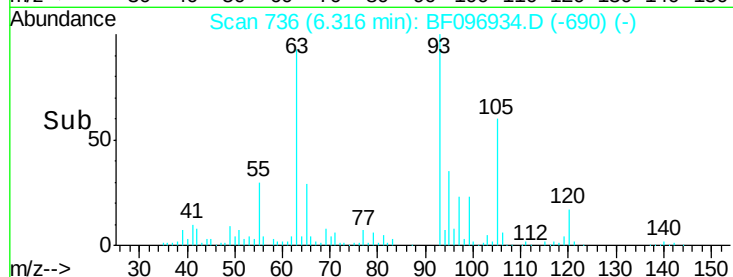
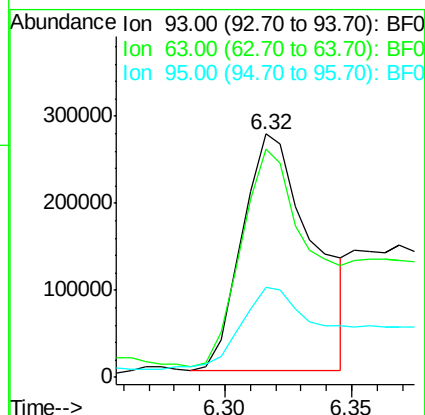
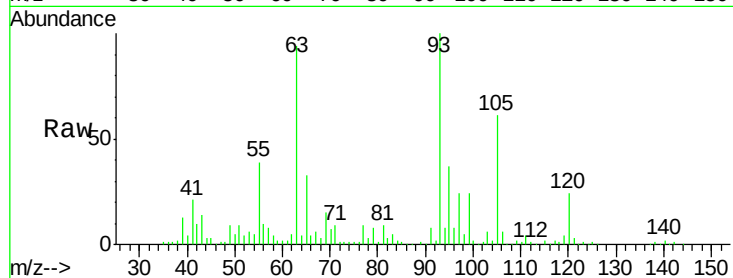




#11
bis(2-Chloroethyl)ether
Concen: 293.48 ng
RT: 6.32 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

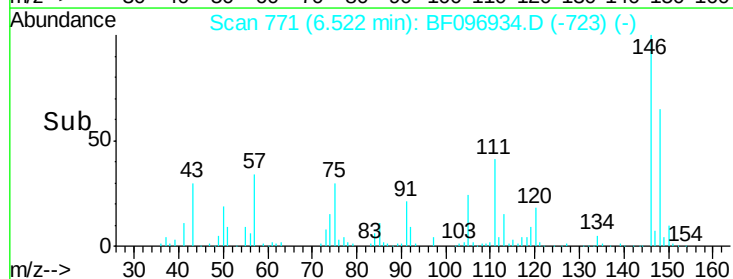
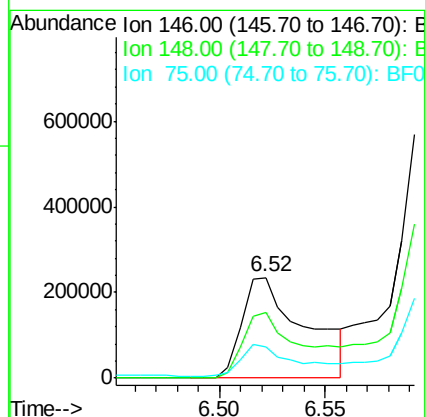
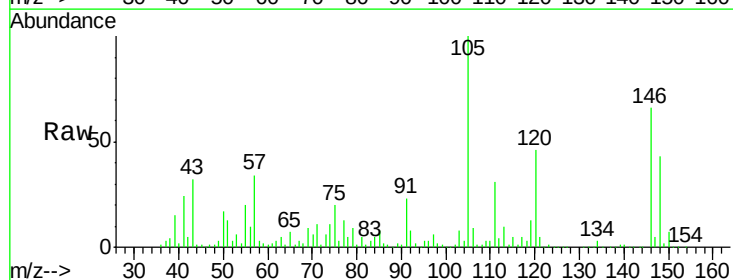
Instrument :
BNA_F
ClientSampled :

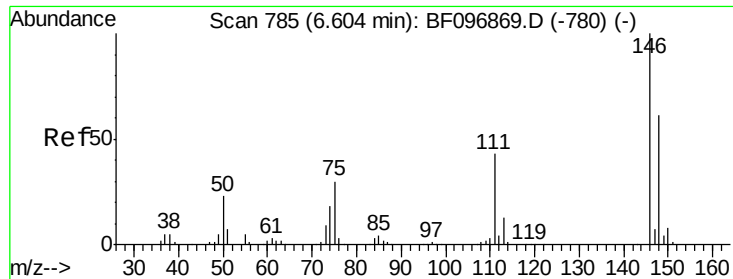
Tot Ion: 93 Resp: 530207
Ion Ratio Lower Upper
93 100
63 93.9 59.2 99.2
95 36.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 238.51 ng
RT: 6.52 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 146 Resp: 484380
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.6
75 30.8 23.1 34.7

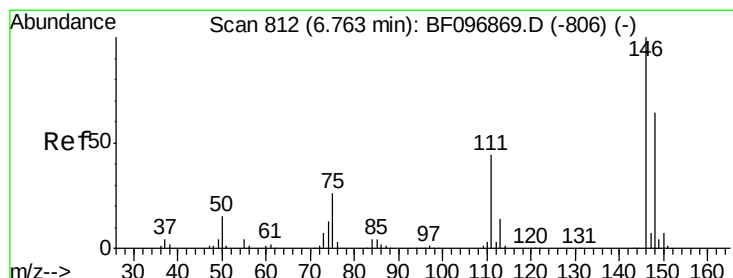
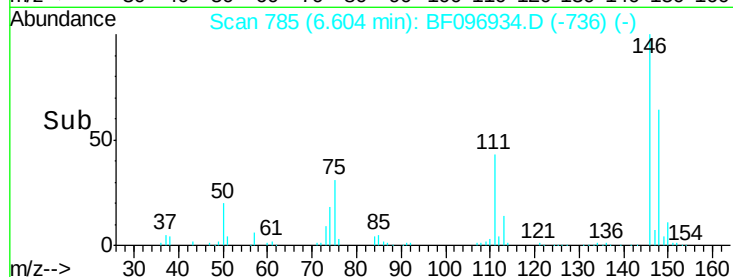
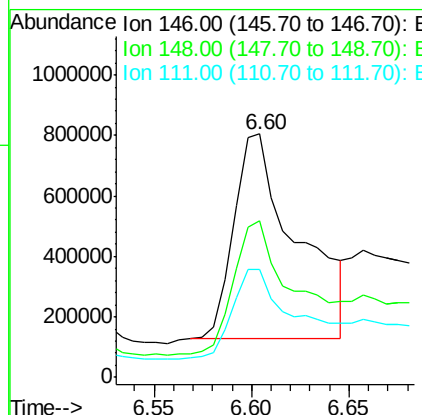
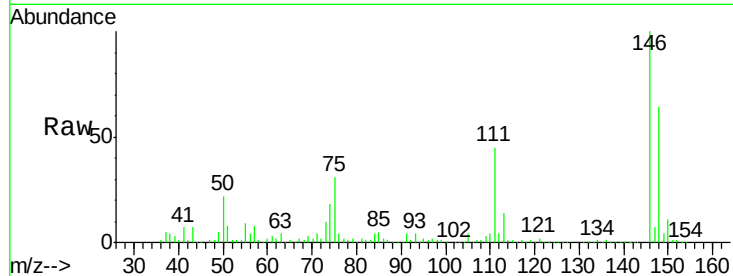




#13
 1,4-Dichlorobenzene
 Concen: 732.98 ng
 RT: 6.60 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

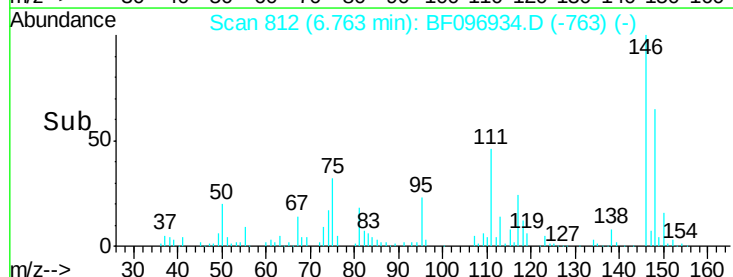
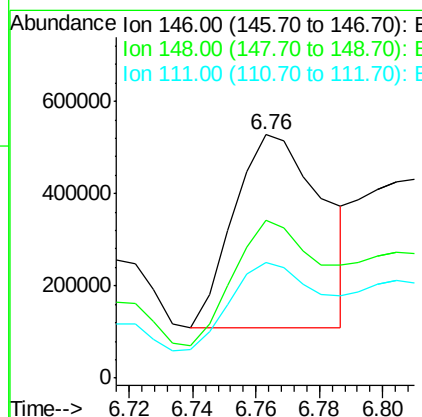
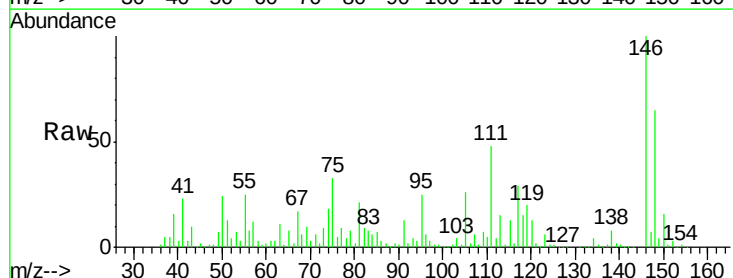
Instrument :
 BNA_F
 ClientSampleId :

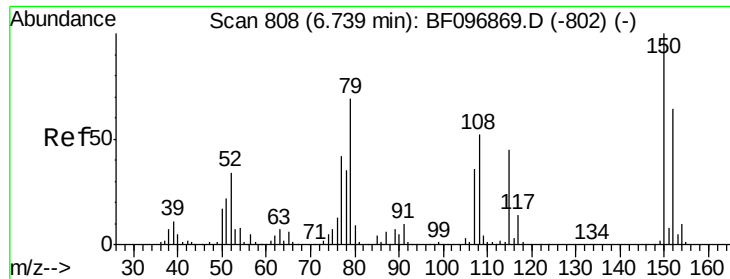
Tot Ion:146 Resp: 1507462
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 44.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 436.74 ng
 RT: 6.76 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:146 Resp: 816976
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 47.7 38.2 57.4

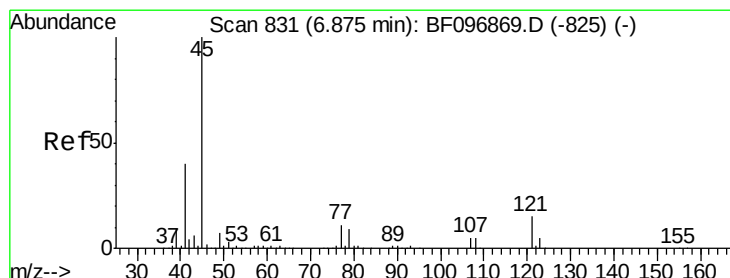
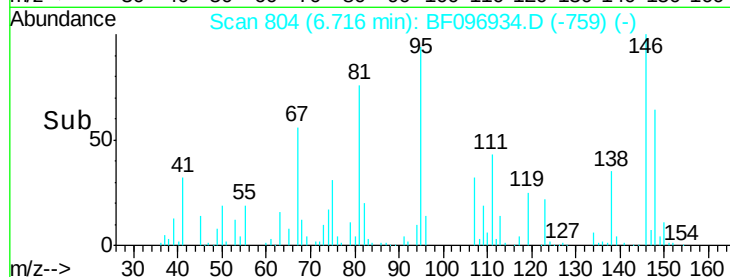
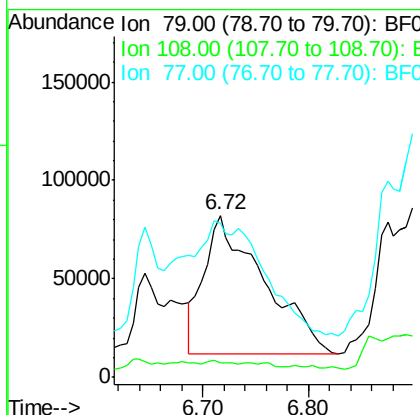
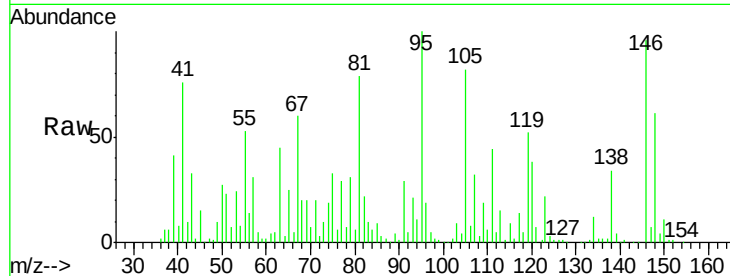




#15
Benzvl Alcohol
Concen: 199.77 ng
RT: 6.72 min Scan# 804
Delta R.T. -0.04 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

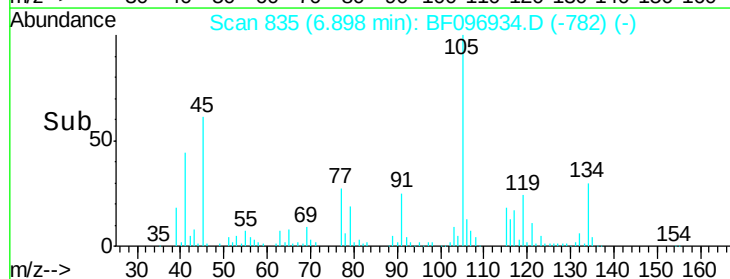
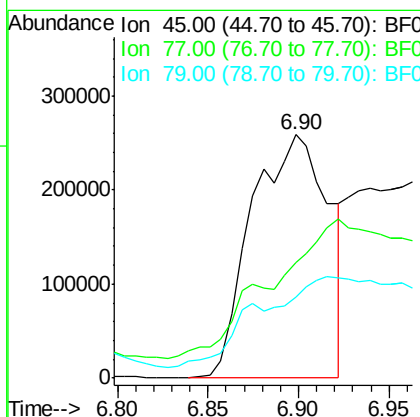
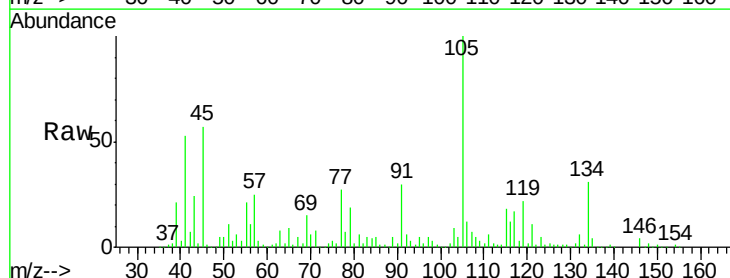
Instrument :
BNA_F
ClientSampleId :

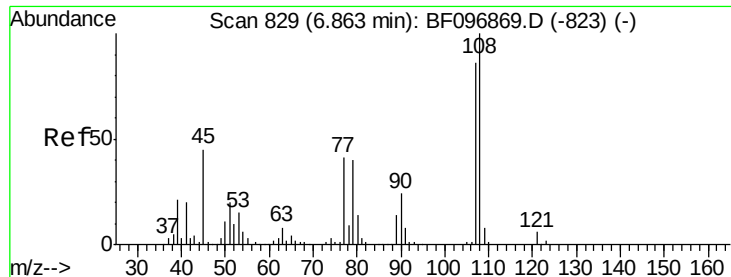
Tot Ion: 79 Resp: 277953
Ion Ratio Lower Upper
79 100
108 9.3 63.4 95.0#
77 94.8 49.2 73.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 204.21 ng
RT: 6.90 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 45 Resp: 761387
Ion Ratio Lower Upper
45 100
77 47.7 0.0 33.2#
79 33.2 0.0 30.0#





#17

2-Methylphenol

Concen: 102.31 ng

RT: 6.90 min Scan# 835

Delta R.T. 0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 151997

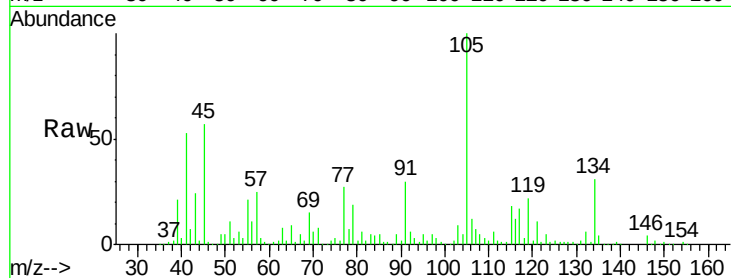
Ion Ratio Lower Upper

107 100

108 62.4 93.4 140.0#

77 372.1 35.8 53.6#

79 258.8 34.8 52.2#



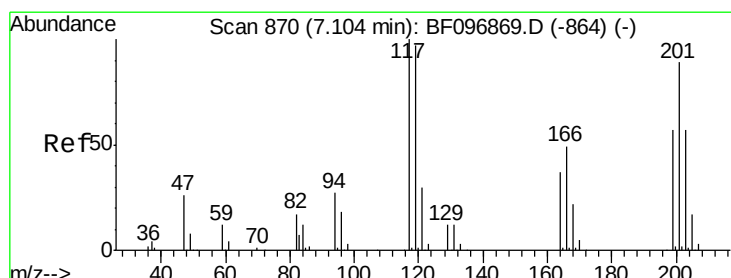
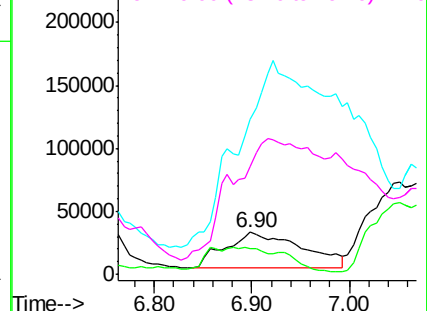
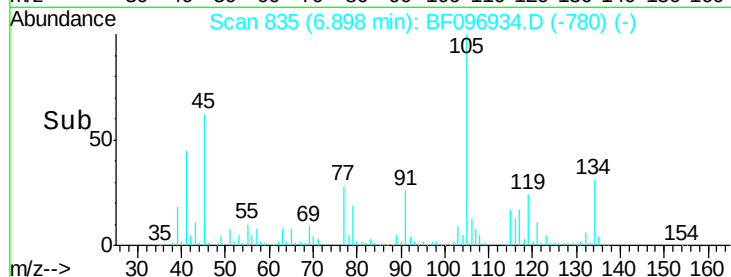
Abundance

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: 531.88 ng

RT: 7.13 min Scan# 874

Delta R.T. 0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

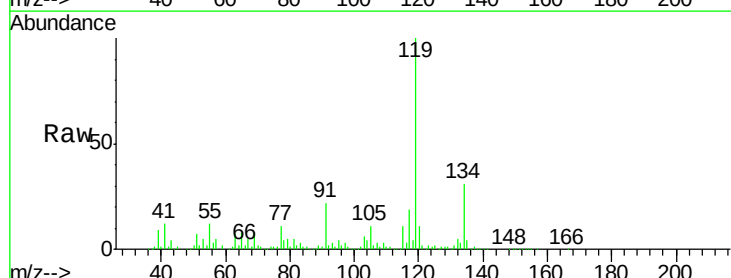
Tgt Ion:117 Resp: 387883

Ion Ratio Lower Upper

117 100

119 524.1 77.4 116.0#

201 0.0 94.6 141.8#

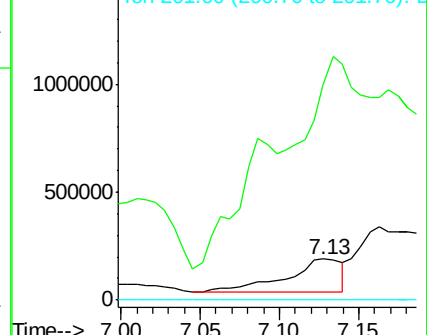
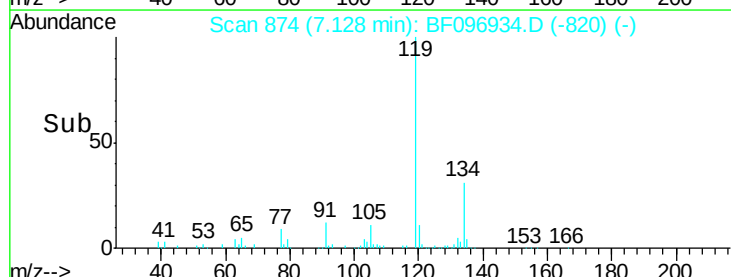


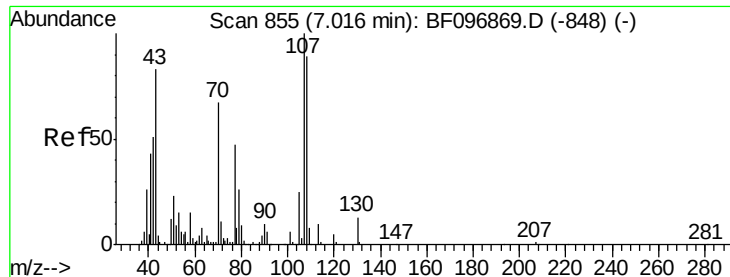
Abundance

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

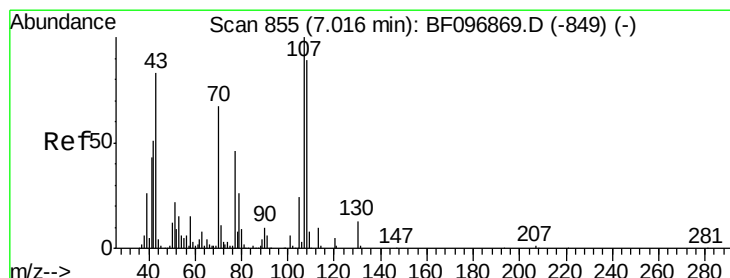
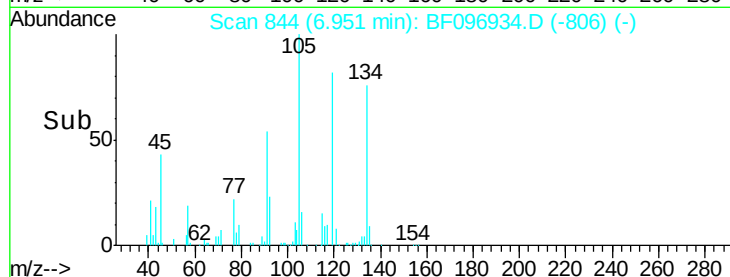
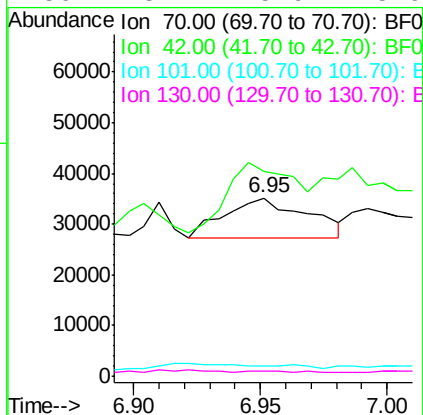
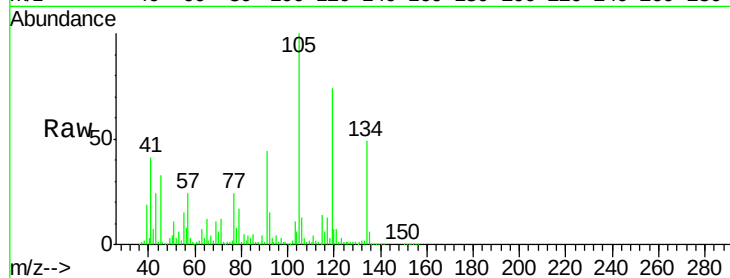




#19
n-Nitroso-di-n-propylamine
Concen: 14.29 ng
RT: 6.95 min Scan# 844
Delta R.T. -0.08 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

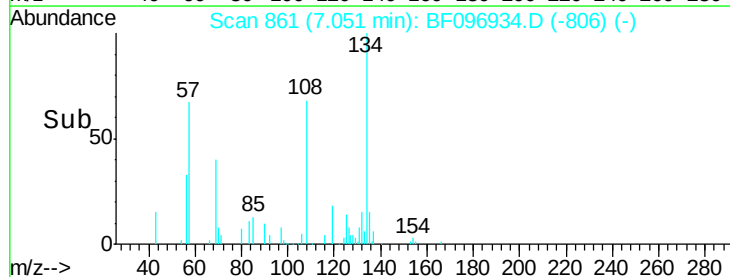
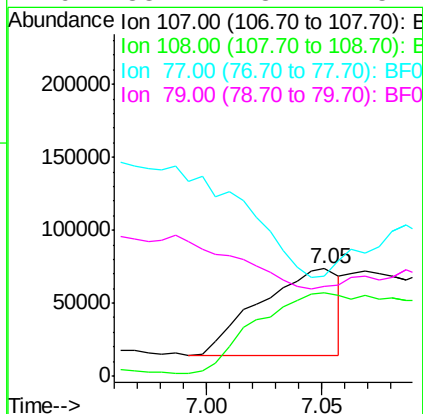
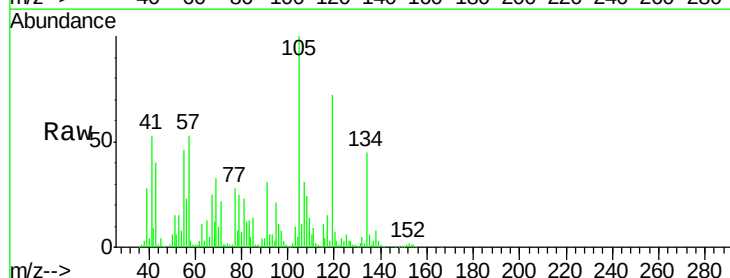
Instrument :
BNA_F
ClientSampleId :

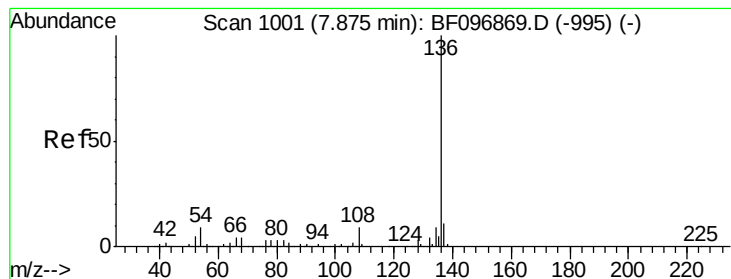
Tot Ion: 70 Resp: 18297
Ion Ratio Lower Upper
70 100
42 114.4 47.2 70.8#
101 5.6 7.2 10.8#
130 3.1 15.9 23.9#



#20
3+4-Methylphenols
Concen: 79.04 ng
RT: 7.05 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 107 Resp: 142494
Ion Ratio Lower Upper
107 100
108 77.1 71.0 111.0
77 93.2 90.5 130.5
79 83.1 8.4 48.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 79344

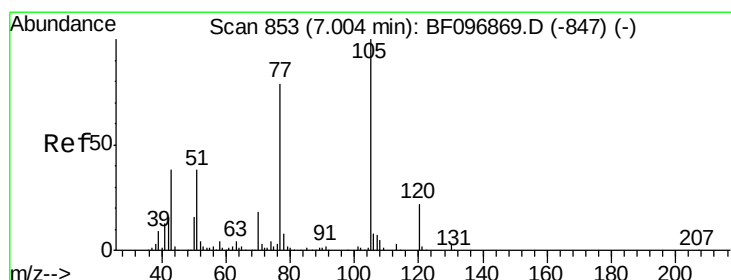
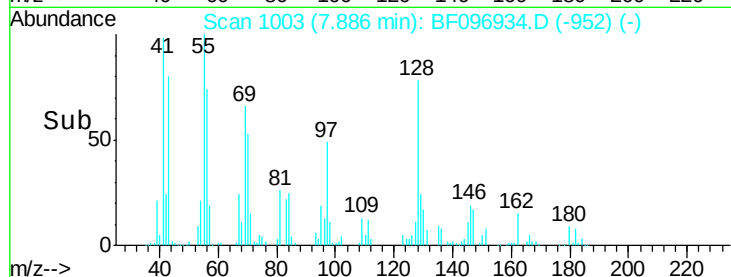
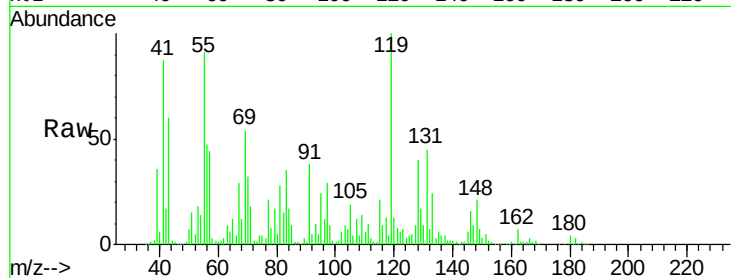
Ion Ratio Lower Upper

136 100

137 107.3 8.5 12.7#

54 369.9 4.9 7.3#

68 309.7 4.1 6.1#



#22

Acetophenone

Concen: 736.21 ng

RT: 6.92 min Scan# 838

Delta R.T. -0.10 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Tgt Ion:105 Resp: 1305571

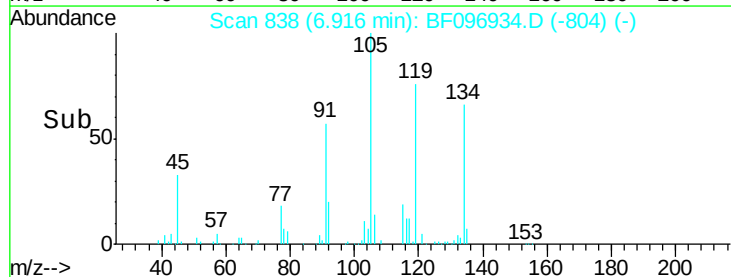
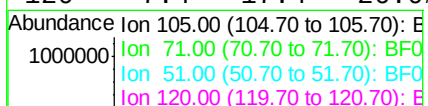
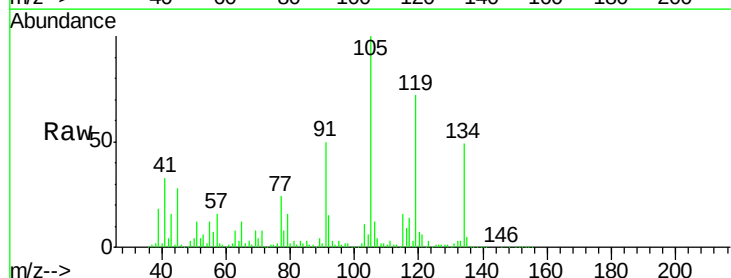
Ion Ratio Lower Upper

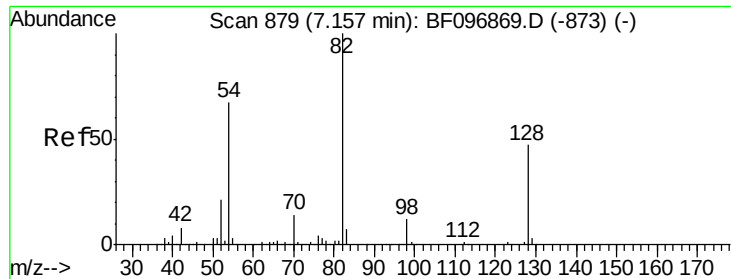
105 100

71 7.9 2.8 4.2#

51 11.7 30.7 46.1#

120 7.4 17.4 26.0#

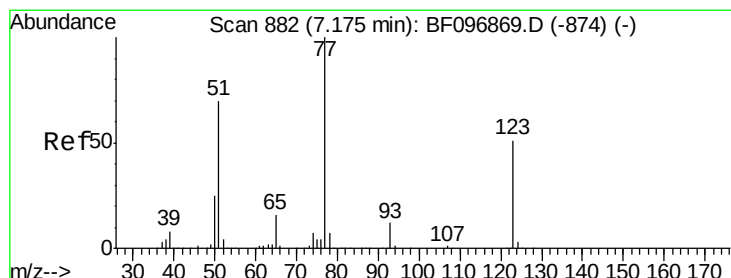
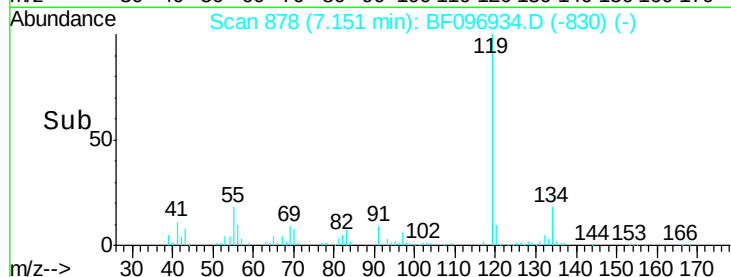
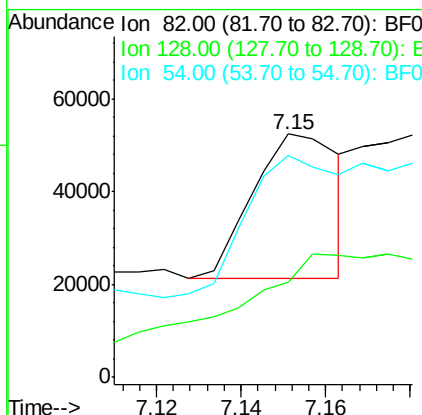
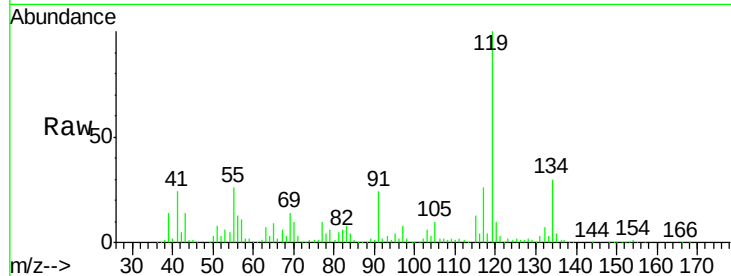




#23
Nitrobenzene-d5
Concen: 34.44 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

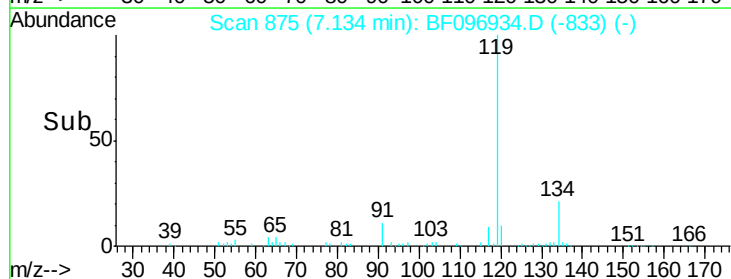
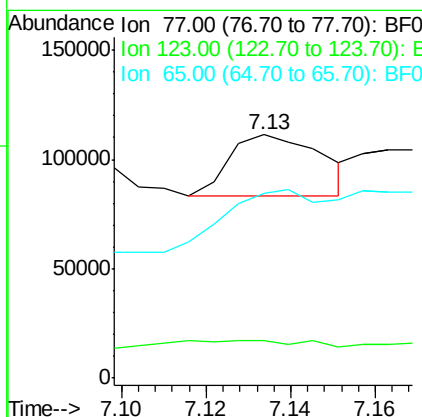
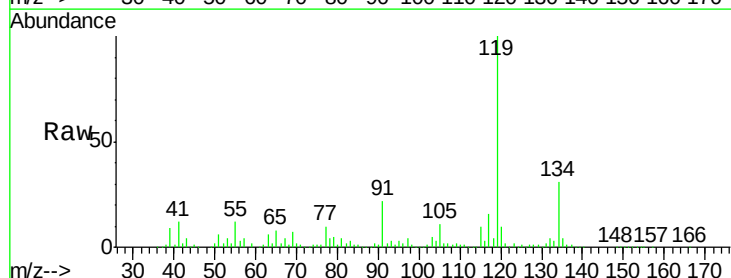
Instrument :
BNA_F
ClientSampleId :

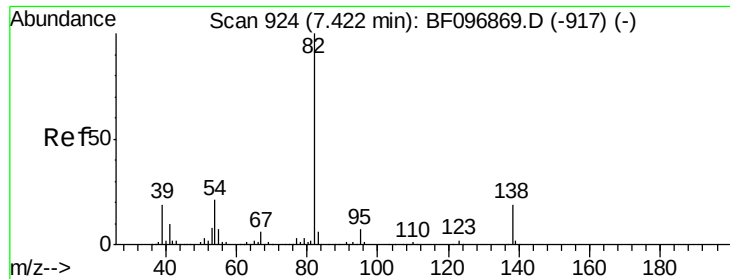
Tot Ion: 82 Resp: 44115
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 91.2 42.2 63.2#



#24
Nitrobenzene
Concen: 31.73 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.05 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 77 Resp: 42038
Ion Ratio Lower Upper
77 100
123 15.3 35.8 53.8#
65 76.1 10.6 15.8#

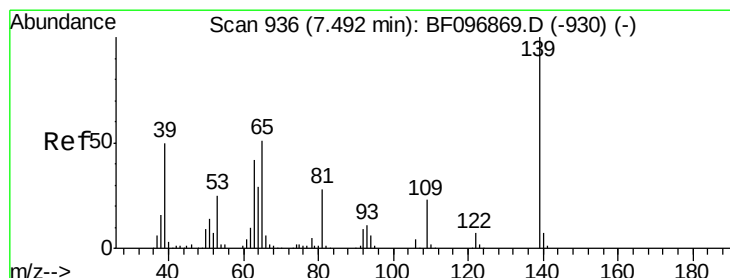
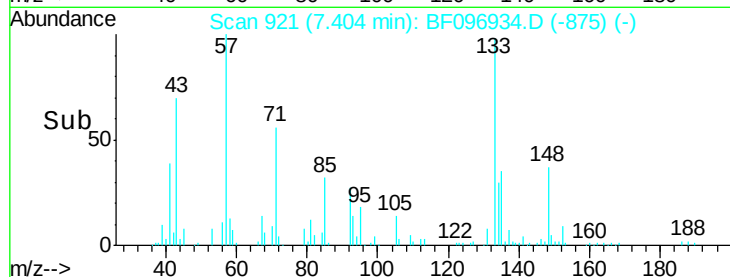
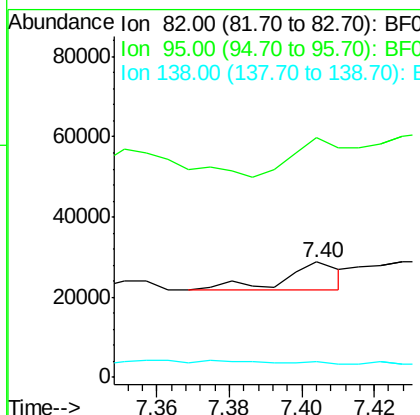
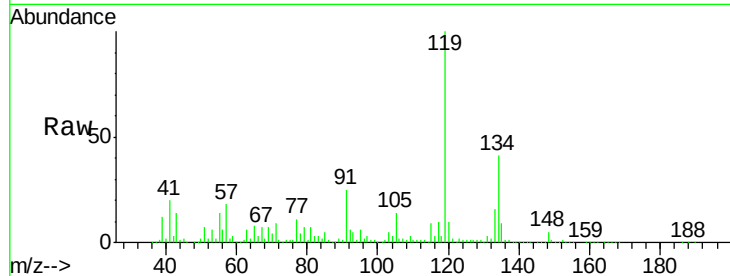




#25
Isophorone
Concen: 3.22 ng
RT: 7.40 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

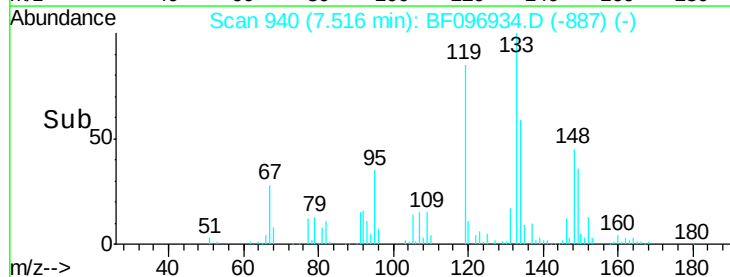
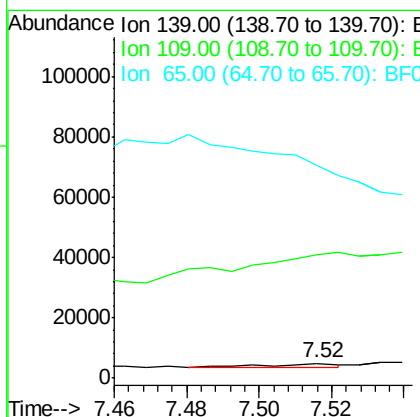
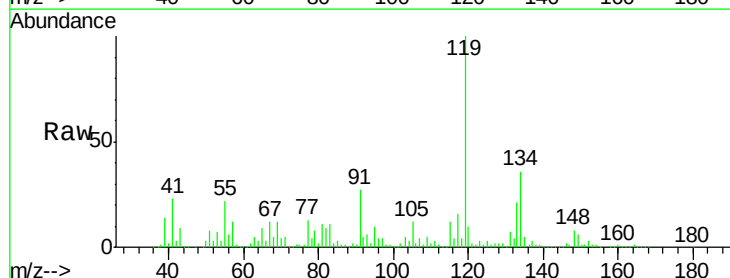
Instrument :
BNA_F
ClientSampled :

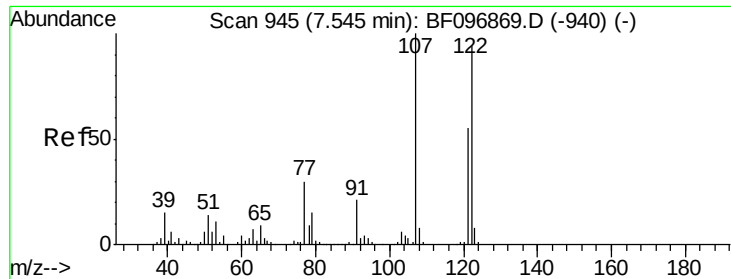
Tot Ion: 82 Resp: 7684
Ion Ratio Lower Upper
82 100
95 208.0 5.3 7.9#
138 13.4 13.1 19.7



#26
2-Nitrophenol
Concen: 2.83 ng
RT: 7.52 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 139 Resp: 2087
Ion Ratio Lower Upper
139 100
109 823.6 21.0 31.6#
65 1424.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 181.35 ng

RT: 7.80 min Scan# 988

Delta R.T. 0.24 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

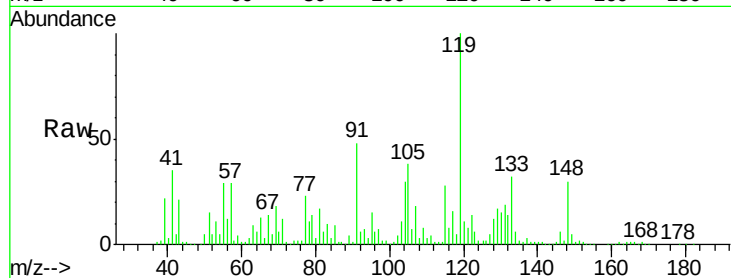
Tot Ion:122 Resp: 219776

Ion Ratio Lower Upper

122 100

107 126.6 89.2 133.8

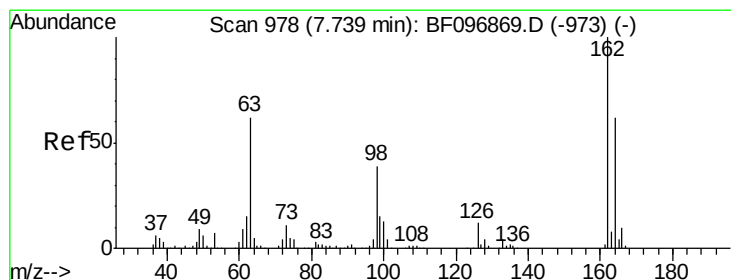
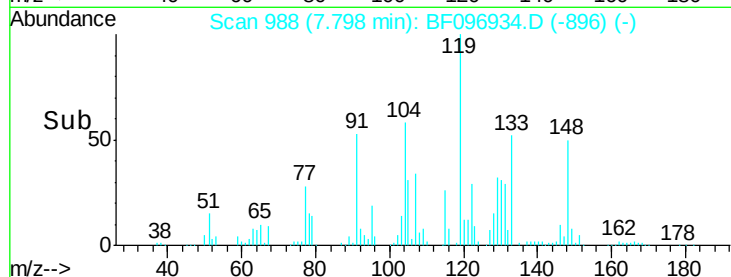
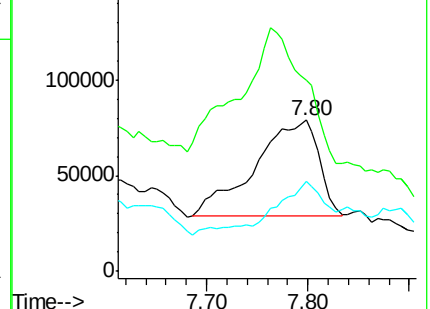
121 59.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#29

2,4-Dichlorophenol

Concen: 145.69 ng

RT: 7.88 min Scan# 1002

Delta R.T. 0.13 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

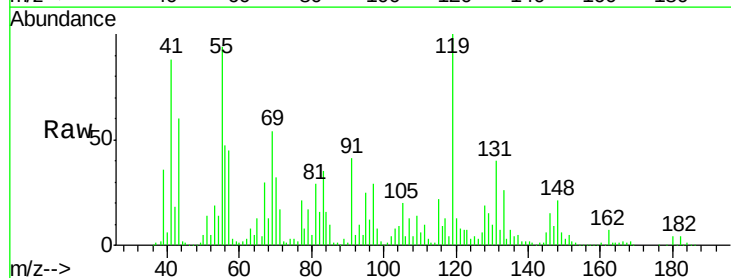
Tgt Ion:162 Resp: 159816

Ion Ratio Lower Upper

162 100

164 17.4 44.6 84.6#

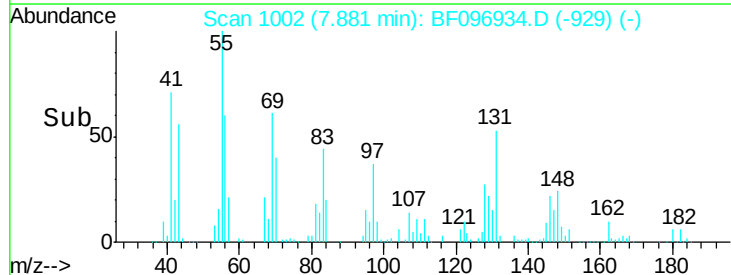
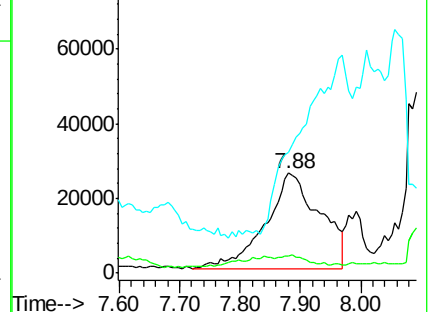
98 121.6 14.8 54.8#

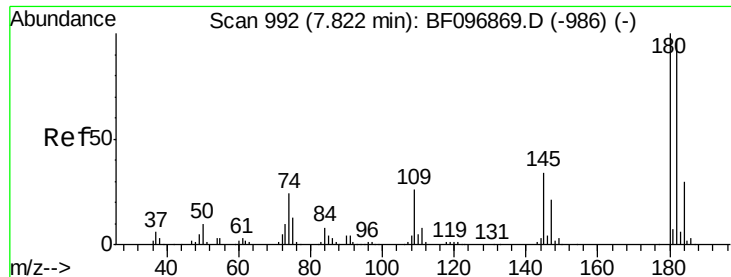


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

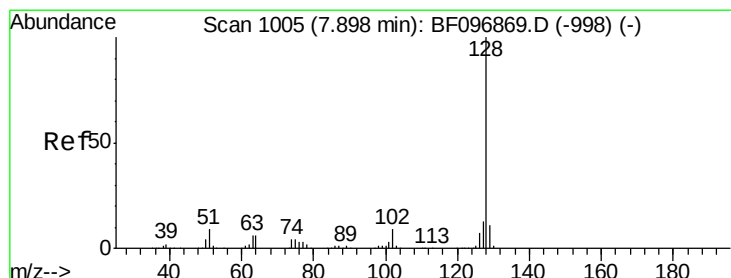
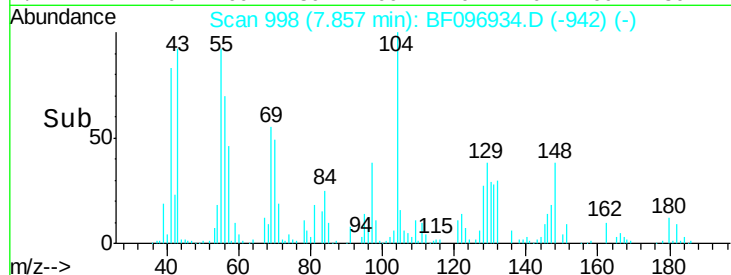
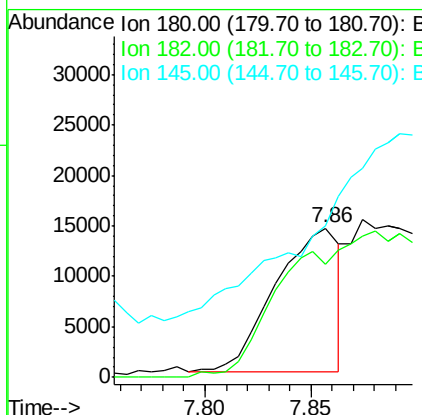
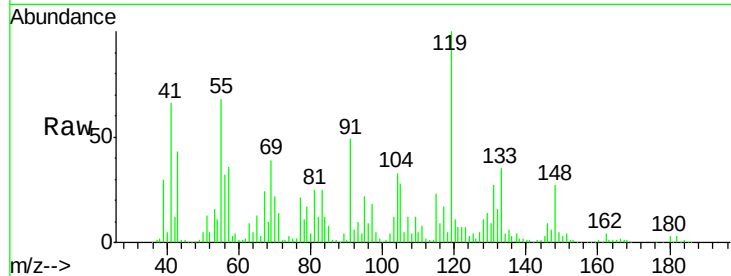




#30
1,2,4-Trichlorobenzene
Concen: 28.70 ng
RT: 7.86 min Scan# 998
Delta R.T. 0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

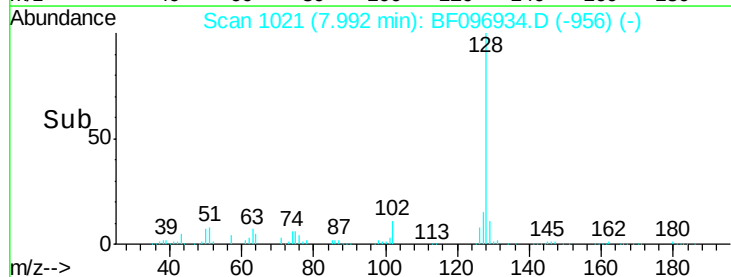
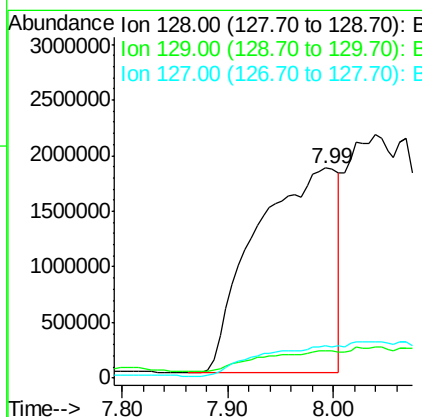
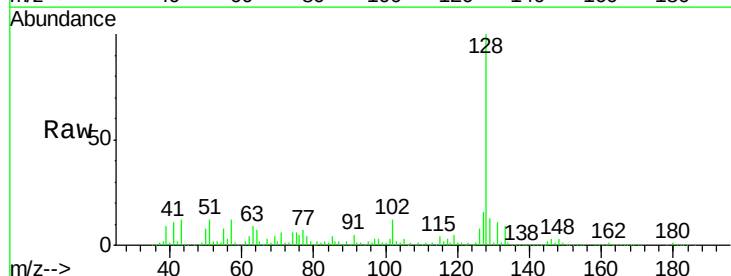
Instrument :
BNA_F
ClientSampled :

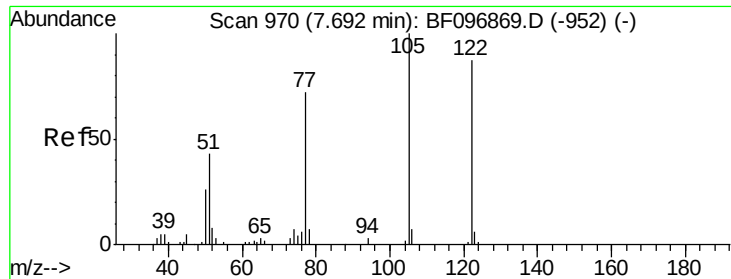
Tot Ion:180 Resp: 29937
Ion Ratio Lower Upper
180 100
182 75.6 75.8 113.6#
145 101.8 25.3 37.9#



#31
Naphthalene
Concen: 2623.06 ng
RT: 7.99 min Scan# 1021
Delta R.T. 0.08 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:128 Resp: 9859289
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 15.6 10.8 16.2





#32

Benzoic acid

Concen: 284.05 ng

RT: 7.80 min Scan# 988

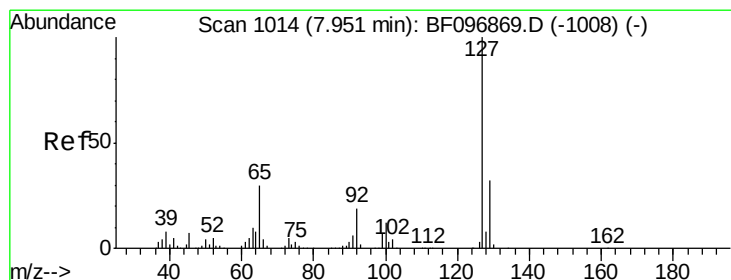
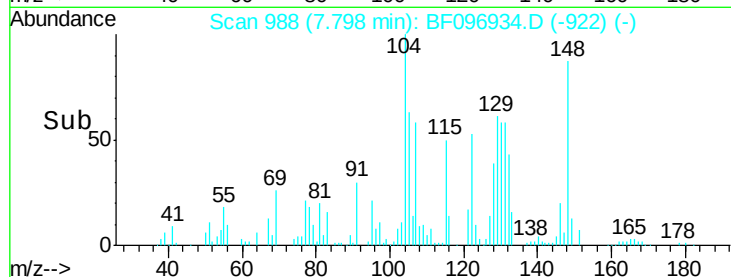
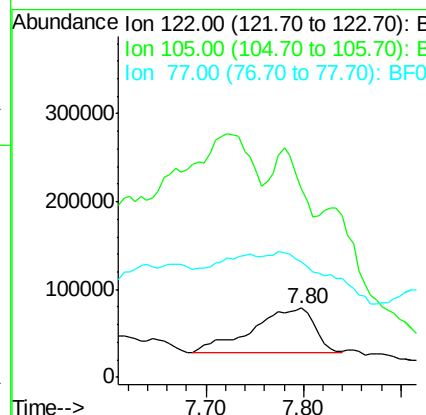
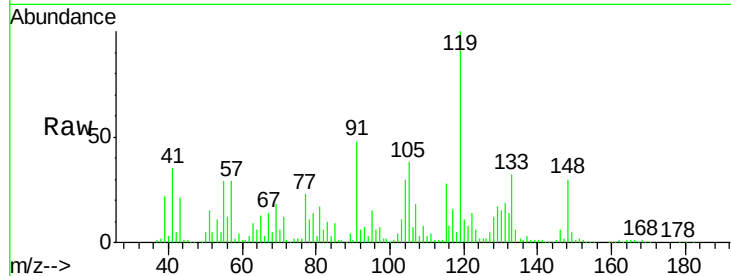
Delta R.T. 0.09 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 220015
Ion Ratio Lower Upper
122 100
105 272.2 103.3 143.3#
77 166.0 73.7 113.7#



#33

4-Chloroaniline

Concen: 873.69 ng

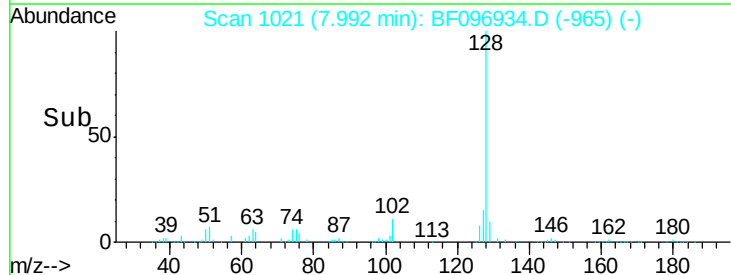
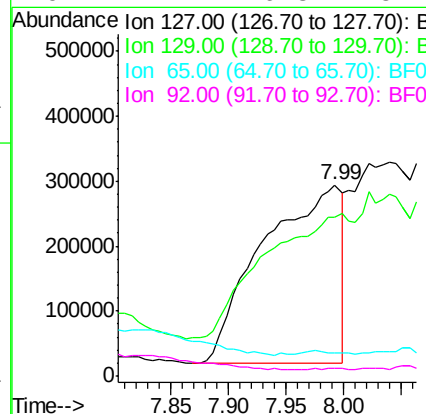
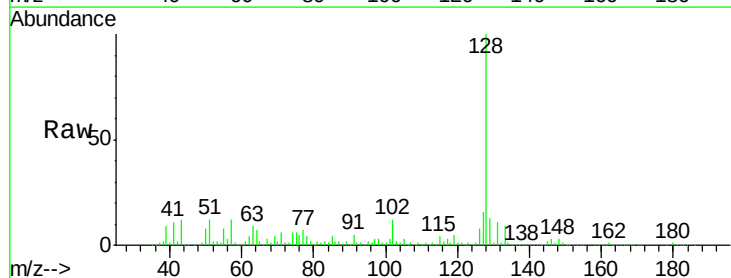
RT: 7.99 min Scan# 1021

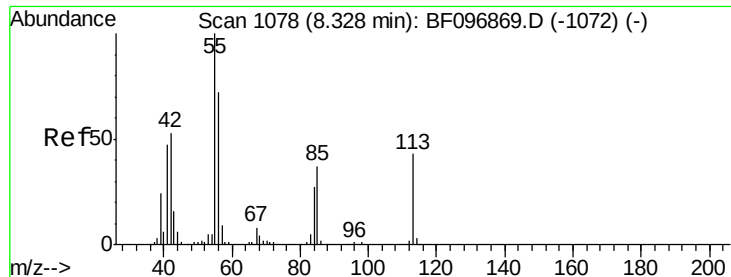
Delta R.T. 0.03 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Tgt Ion:127 Resp: 1301098
Ion Ratio Lower Upper
127 100
129 82.9 26.2 39.2#
65 12.2 27.8 41.8#
92 4.2 16.8 25.2#





#35

Caprolactam

Concen: 24.11 ng

RT: 8.32 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

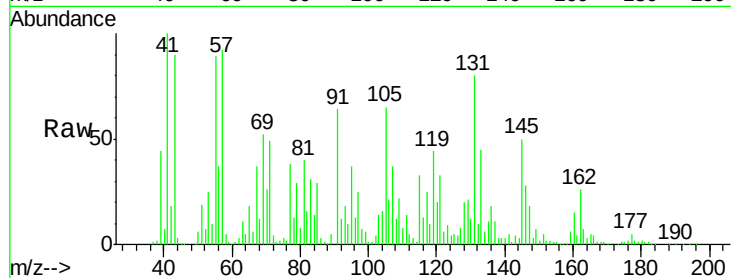
Tot Ion:113 Resp: 8473

Ion Ratio Lower Upper

113 100

55 2627.1 150.2 190.2#

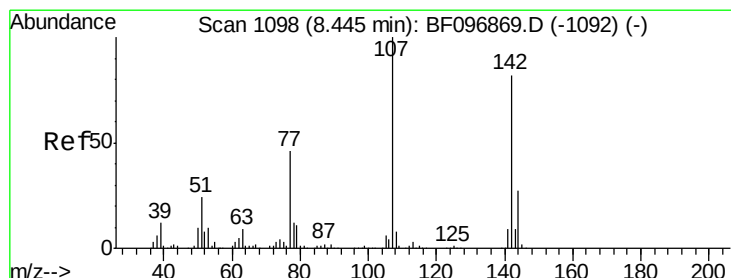
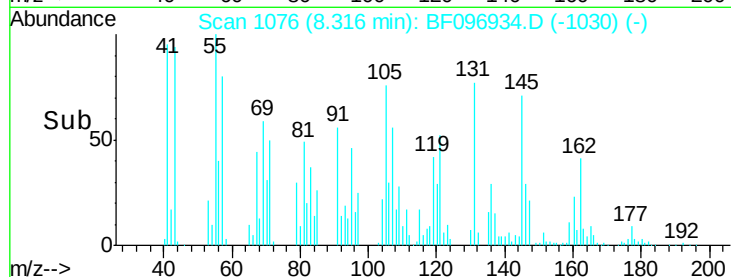
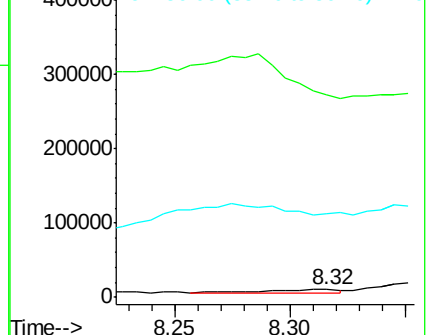
56 1083.1 107.8 147.8#



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: 326.77 ng

RT: 8.32 min Scan# 1077

Delta R.T. -0.13 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

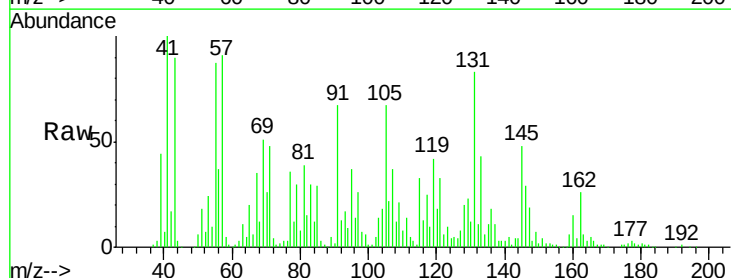
Tgt Ion:107 Resp: 385443

Ion Ratio Lower Upper

107 100

144 10.1 24.2 36.4#

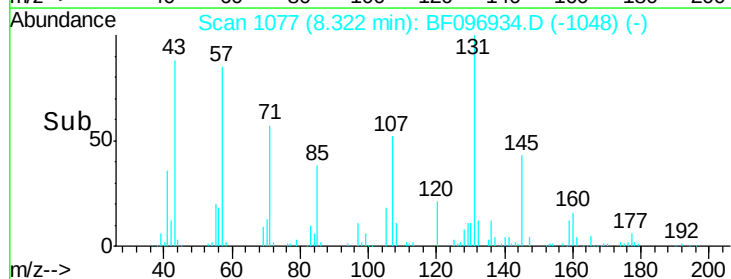
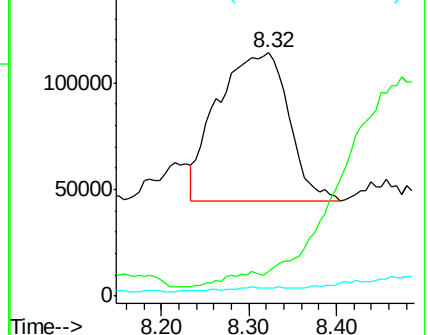
142 3.4 73.4 110.0#

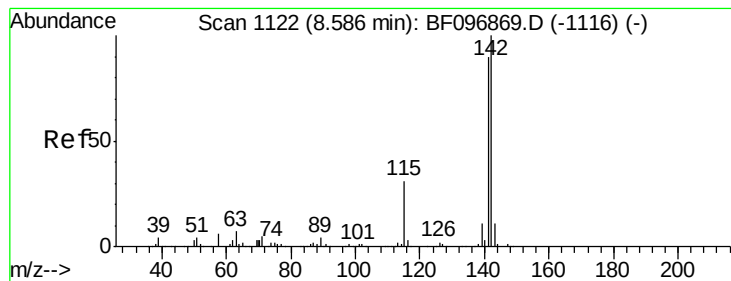


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6335.40 ng

RT: 8.80 min Scan# 1159

Delta R.T. 0.21 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

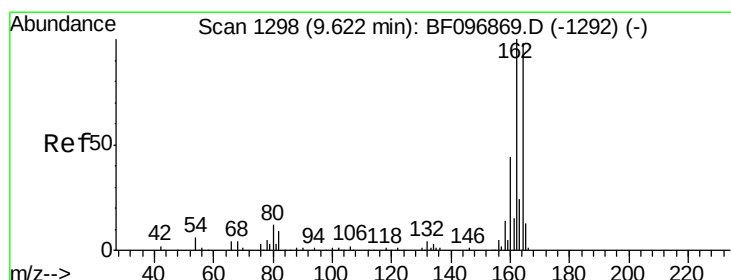
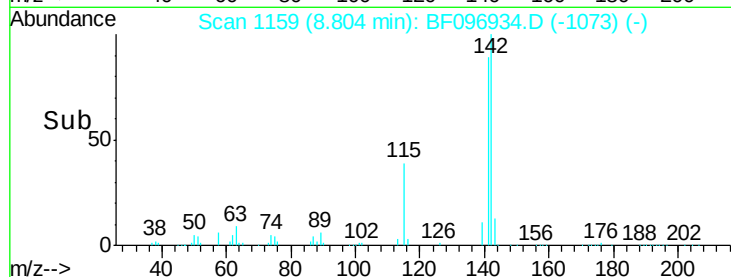
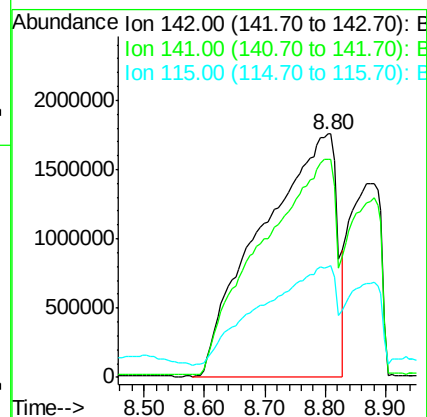
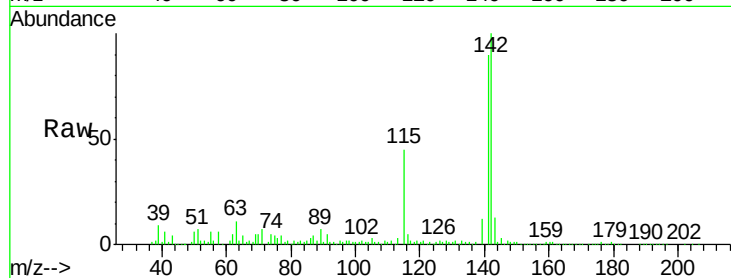
Tot Ion:142 Resp:15181487

Ion Ratio Lower Upper

142 100

141 89.5 71.3 106.9

115 45.1 27.1 40.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

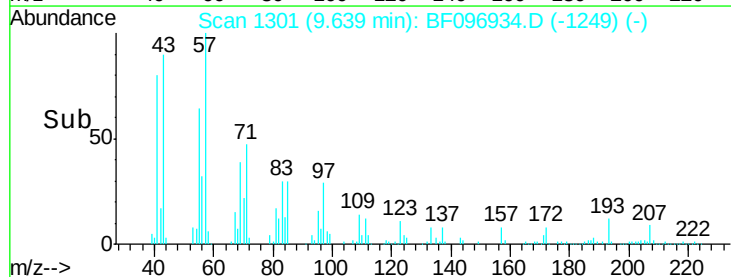
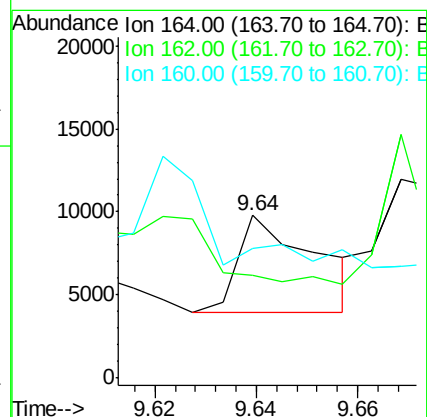
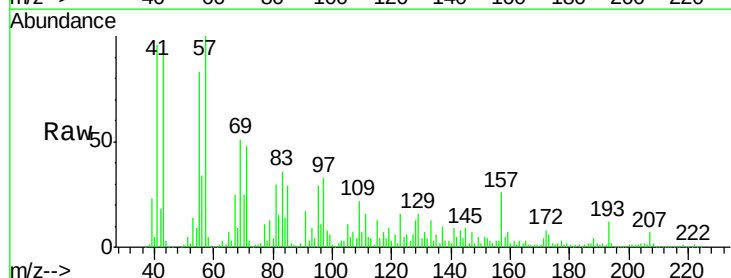
Tgt Ion:164 Resp: 6123

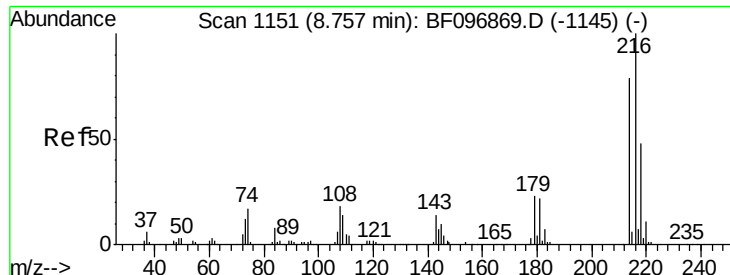
Ion Ratio Lower Upper

164 100

162 63.2 82.6 123.8#

160 79.7 36.2 54.2#

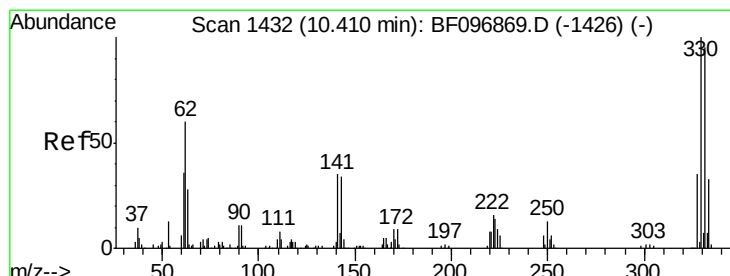
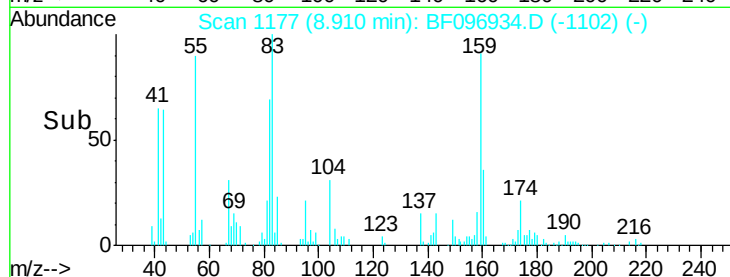
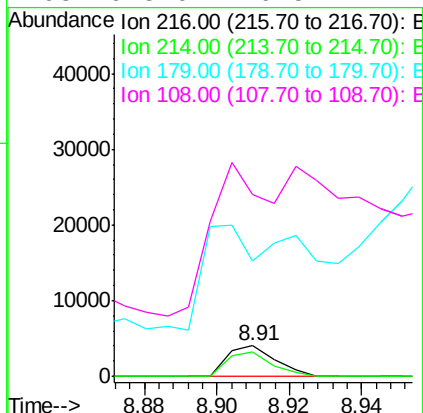
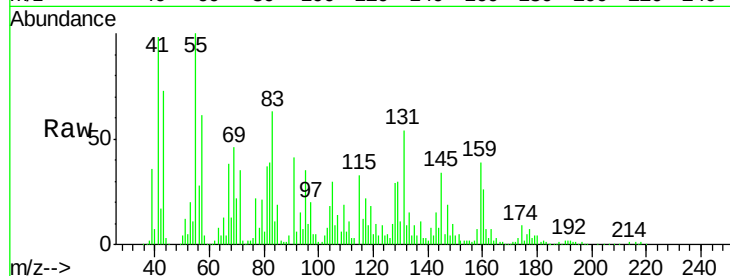




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.29 ng
 RT: 8.91 min Scan# 1177
 Delta R.T. 0.14 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

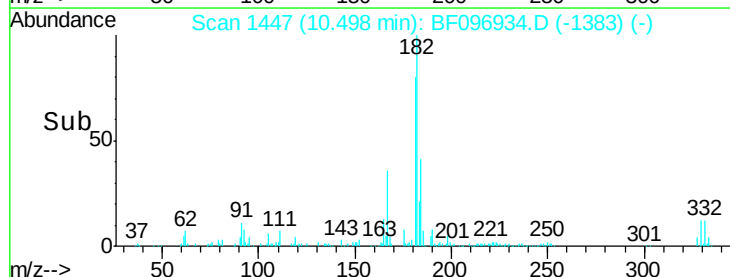
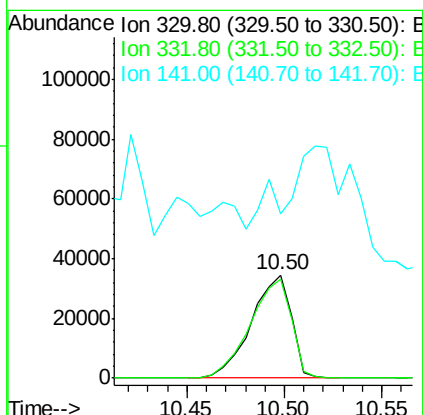
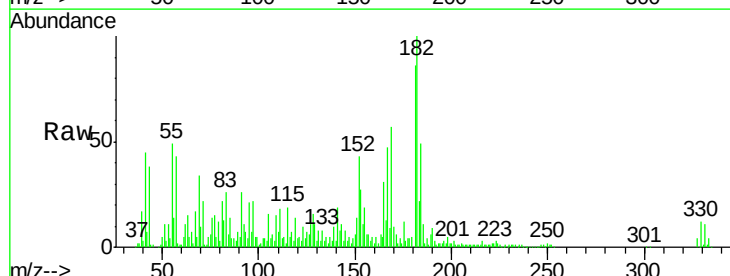
Instrument :
 BNA_F
 ClientSampleId :

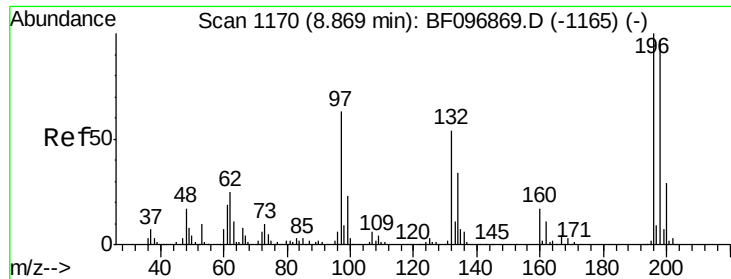
Tot Ion	Ratio	Lower	Upper
216	100		
214	72.4	63.4	95.2
179	347.3	17.9	26.9#
108	623.0	16.5	24.7#



#41
 2,4,6-Tribromophenol
 Concen: 936.71 ng
 RT: 10.50 min Scan# 1447
 Delta R.T. 0.08 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.6	115.0
141	20.4	31.4	47.2#





#42

2,4,6-Trichlorophenol

Concen: 19.88 ng

RT: 8.90 min Scan# 1175

Delta R.T. 0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

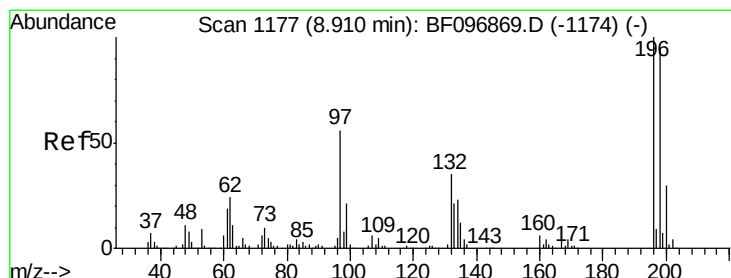
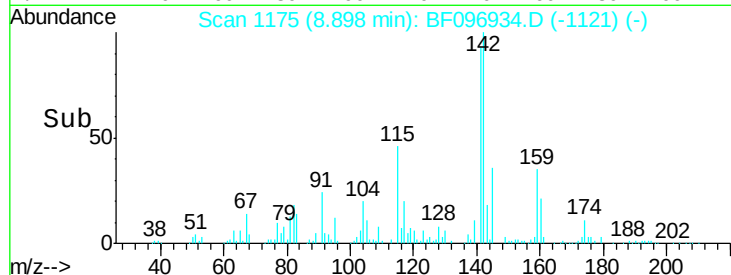
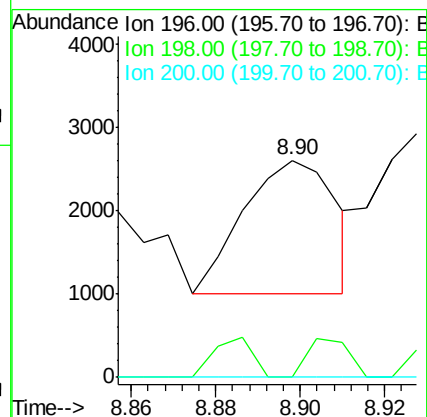
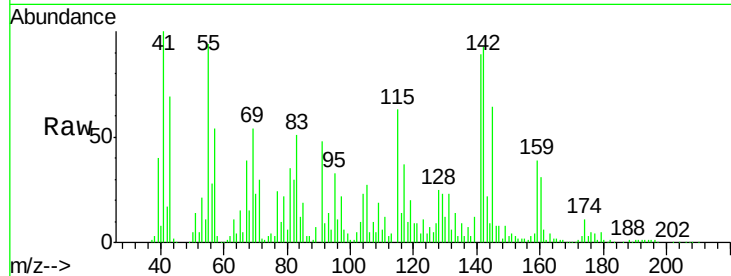
Tot Ion:196 Resp: 2427

Ion Ratio Lower Upper

196 100

198 0.0 74.2 111.4#

200 0.0 24.0 36.0#



#43

2,4,5-Trichlorophenol

Concen: 9.95 ng

RT: 8.93 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Tgt Ion:196 Resp: 1225

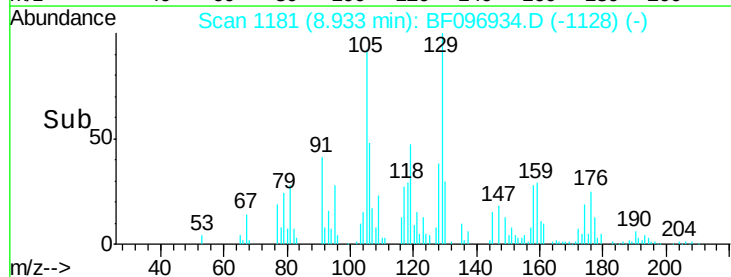
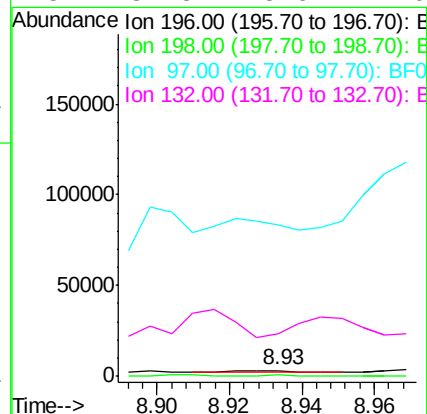
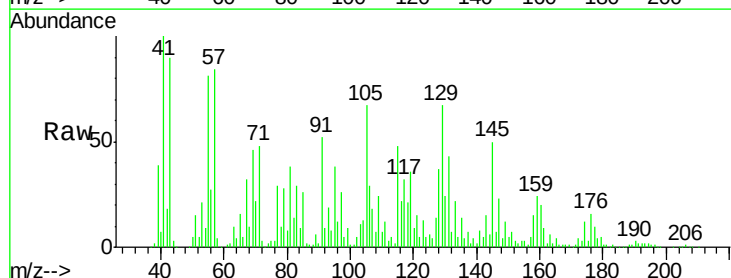
Ion Ratio Lower Upper

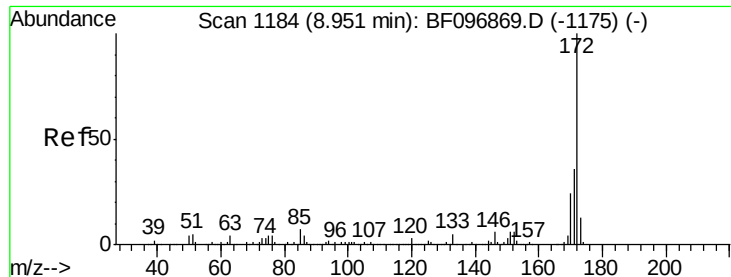
196 100

198 12.1 75.7 113.5#

97 2628.6 47.7 71.5#

132 731.8 28.0 42.0#





#44

2-Fluorobiphenyl

Concen: 515.71 ng

RT: 9.05 min Scan# 1201

Delta R.T. 0.09 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

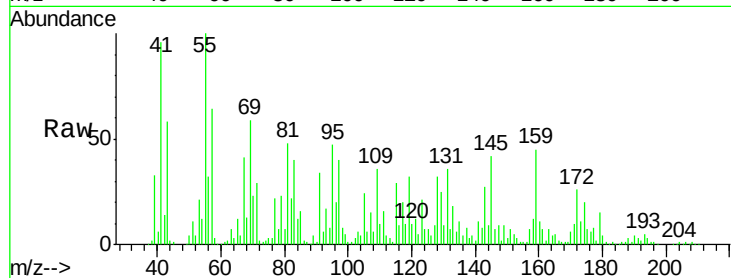
Tot Ion:172 Resp: 199865

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

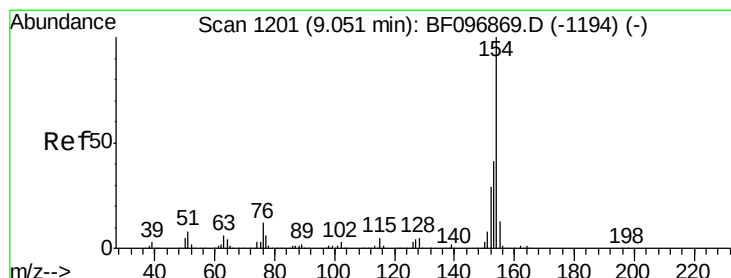
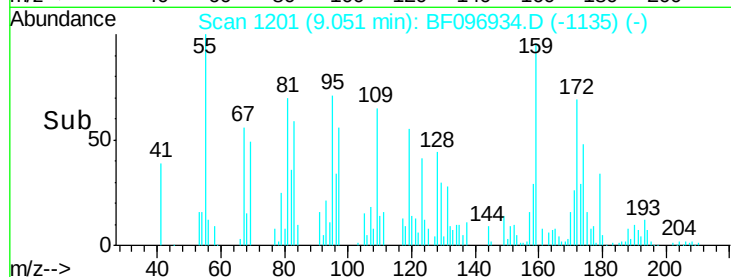
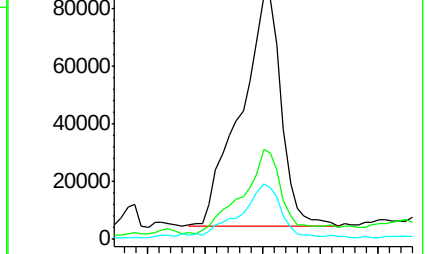
170 22.9 19.8 29.8



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: 3147.80 ng

RT: 9.18 min Scan# 1223

Delta R.T. 0.12 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

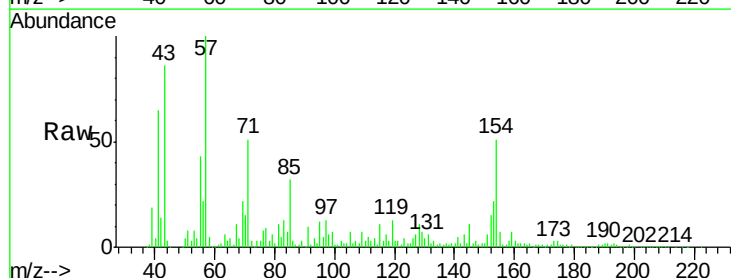
Tgt Ion:154 Resp: 1653017

Ion Ratio Lower Upper

154 100

153 42.3 21.2 61.2

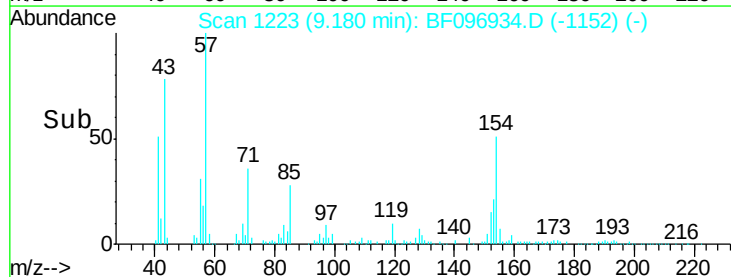
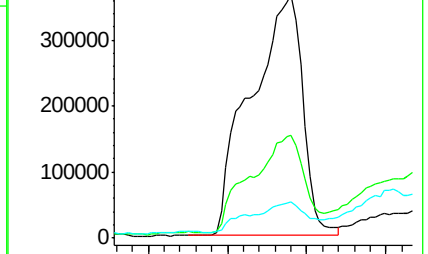
76 15.1 0.0 29.9

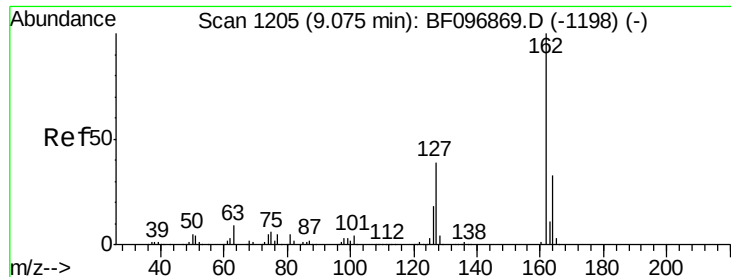


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

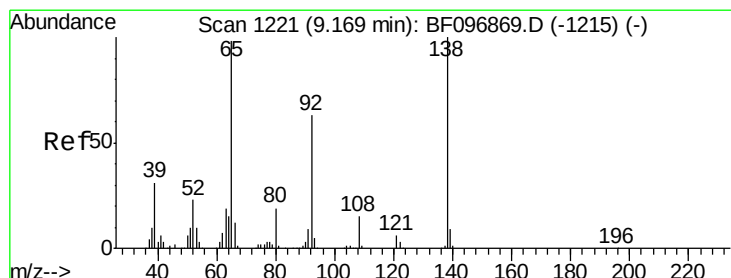
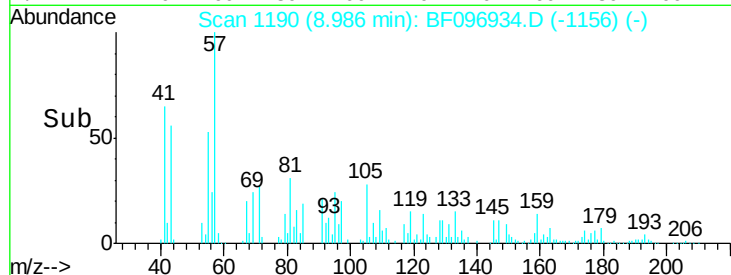
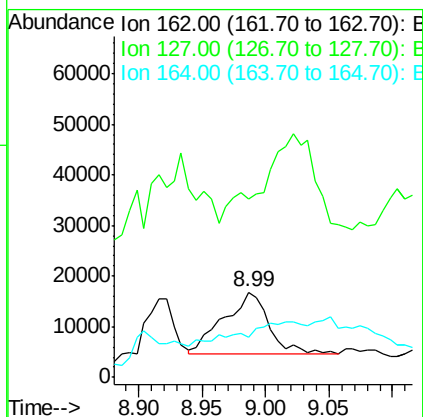
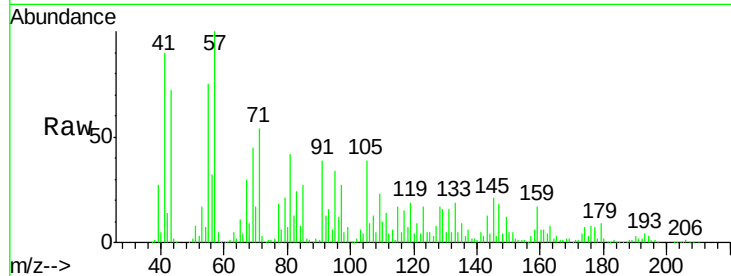




#46
2-Chloronaphthalene
Concen: 76.47 ng
RT: 8.99 min Scan# 1190
Delta R.T. -0.10 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

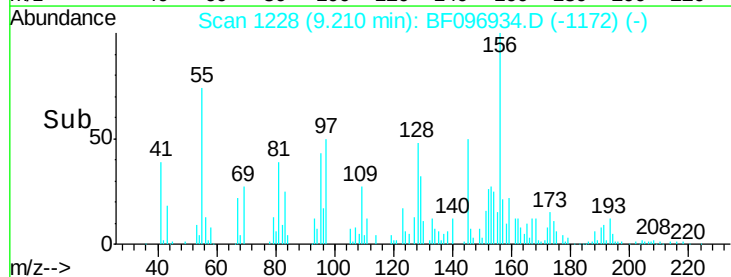
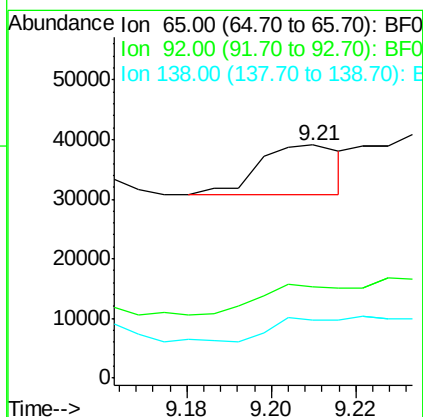
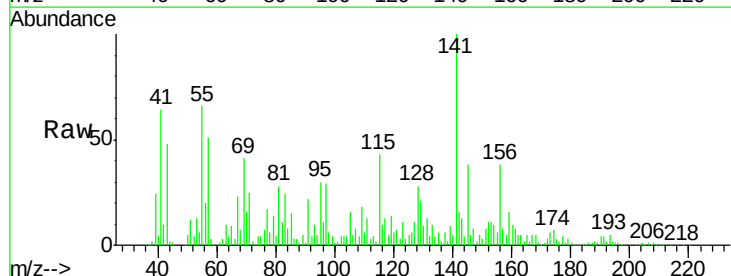
Instrument :
BNA_F
ClientSampleId :

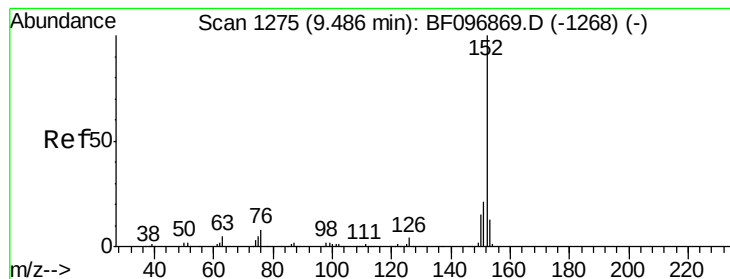
Tot Ion:162 Resp: 29569
Ion Ratio Lower Upper
162 100
127 209.7 28.3 42.5#
164 47.8 27.0 40.4#



#47
2-Nitroaniline
Concen: 84.83 ng
RT: 9.21 min Scan# 1228
Delta R.T. 0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 65 Resp: 11276
Ion Ratio Lower Upper
65 100
92 39.0 53.9 80.9#
138 24.9 78.8 118.2#





#48

Acenaphthylene

Concen: 662.84 ng

RT: 9.47 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

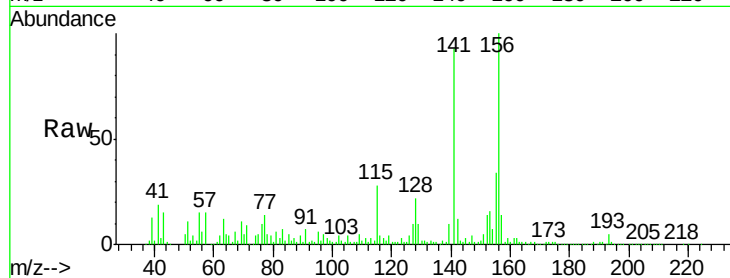
Tot Ion:152 Resp: 408387

Ion Ratio Lower Upper

152 100

151 35.3 16.8 25.2#

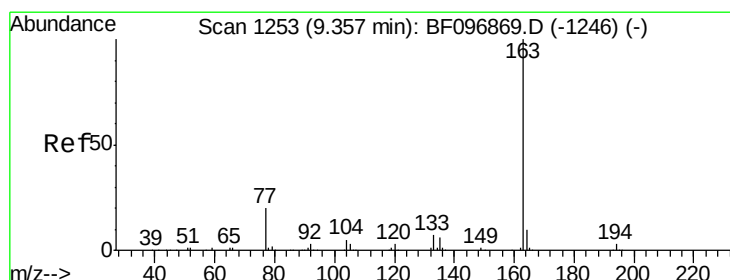
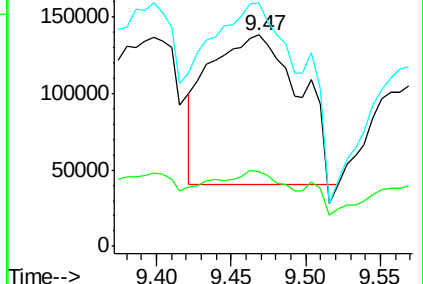
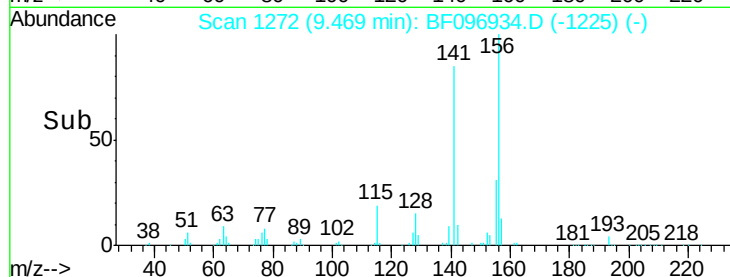
153 115.3 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 52.94 ng

RT: 9.33 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

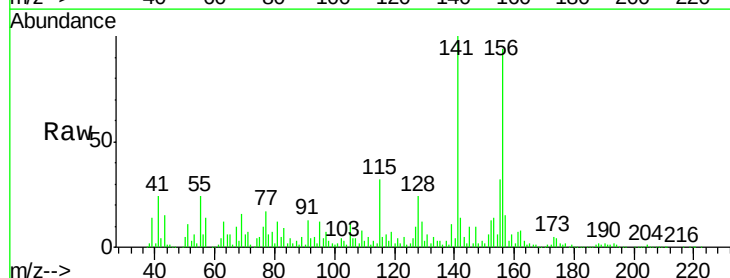
Tgt Ion:163 Resp: 24407

Ion Ratio Lower Upper

163 100

194 24.4 2.6 4.0#

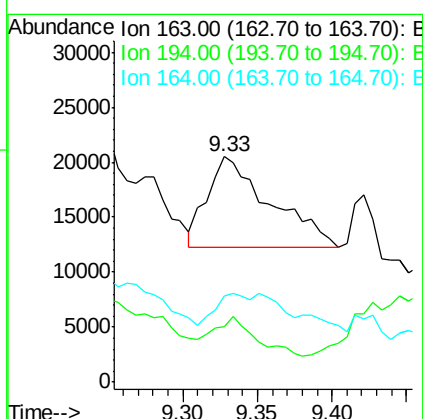
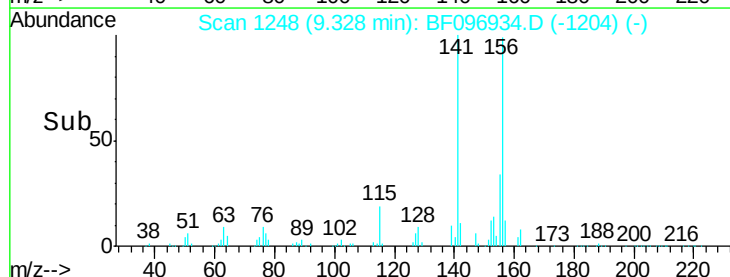
164 38.4 8.4 12.6#

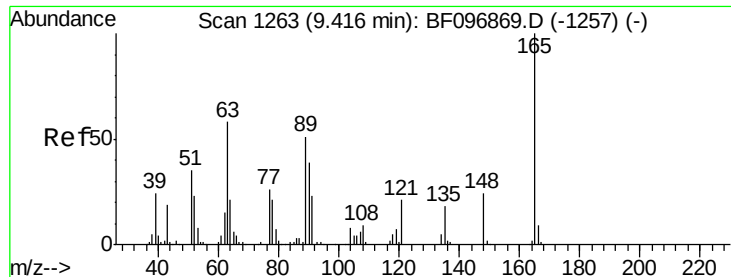


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

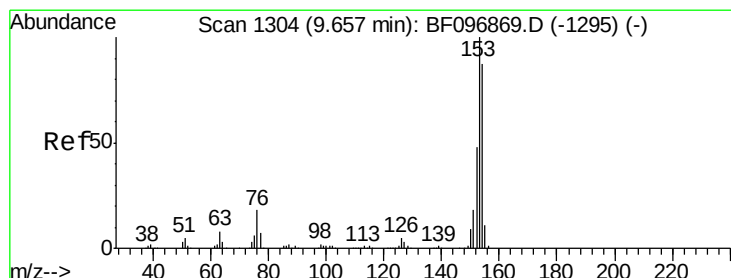
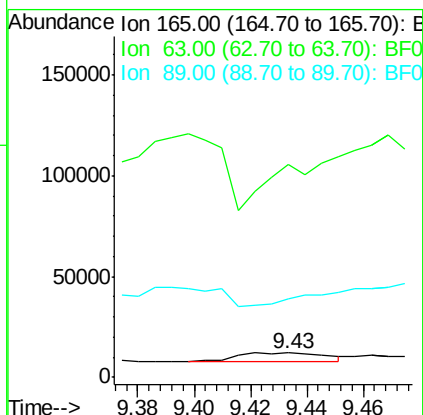
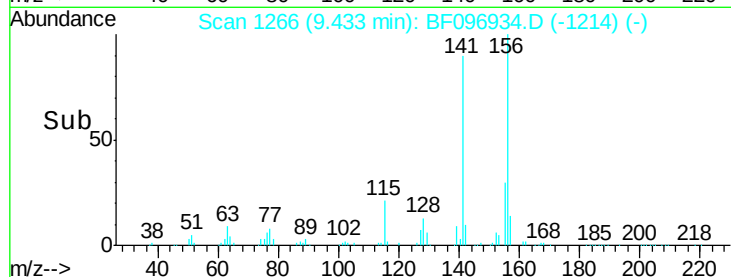
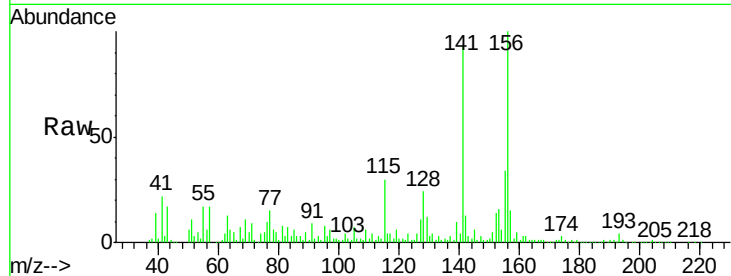




#50
 2,6-Dinitrotoluene
 Concen: 84.79 ng
 RT: 9.43 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

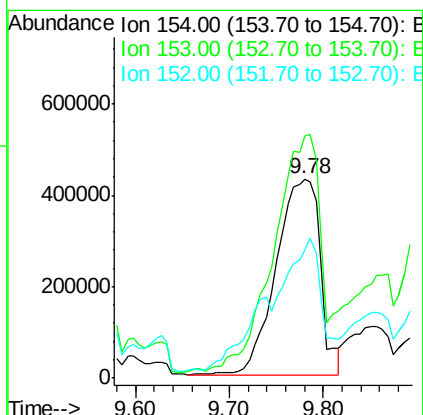
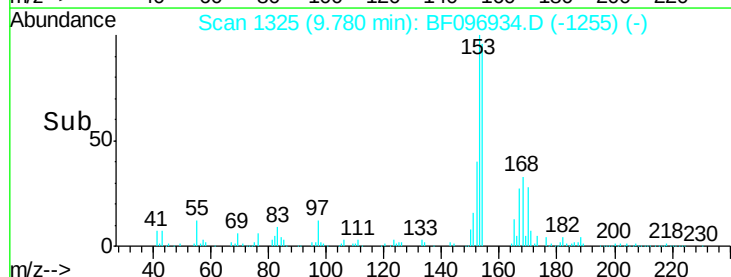
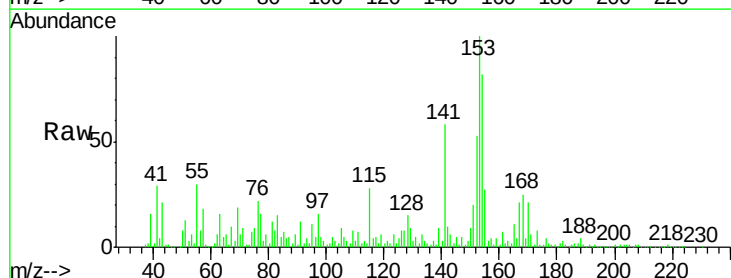
Instrument :
 BNA_F
 ClientSampleId :

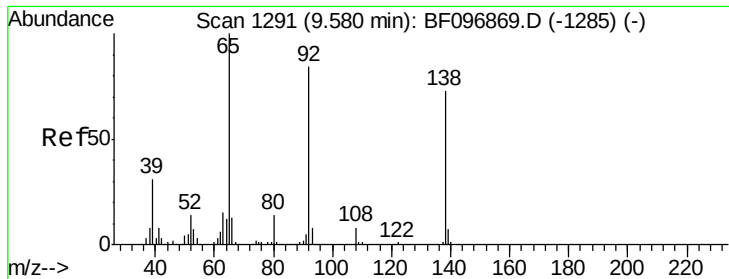
Tot Ion:165 Resp: 8467
 Ion Ratio Lower Upper
 165 100
 63 879.7 34.3 51.5#
 89 323.9 37.1 55.7#



#51
 Acenaphthene
 Concen: 3813.36 ng
 RT: 9.78 min Scan# 1325
 Delta R.T. 0.11 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:154 Resp: 1387925
 Ion Ratio Lower Upper
 154 100
 153 121.6 90.5 135.7
 152 64.6 43.6 65.4





#52

3-Nitroaniline

Concen: 12.90 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

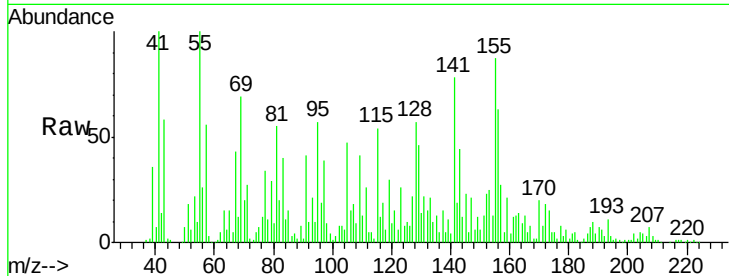
Tot Ion:138 Resp: 1526

Ion Ratio Lower Upper

138 100

108 157.6 9.1 13.7#

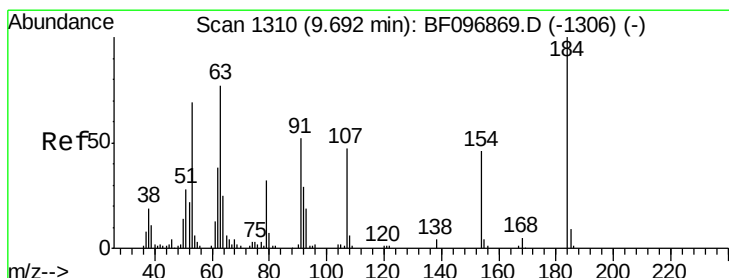
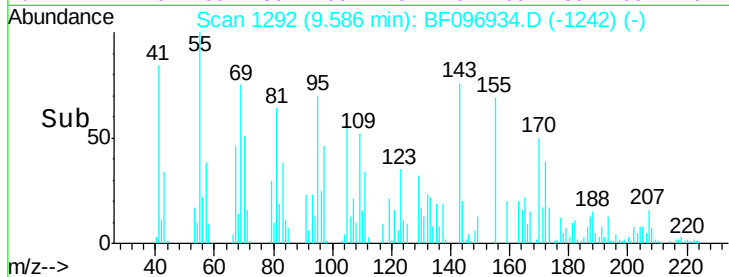
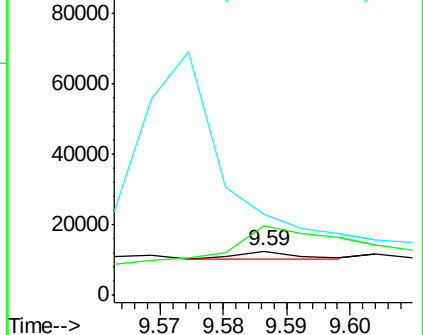
92 183.0 93.8 140.6#



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: 56.99 ng

RT: 9.71 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

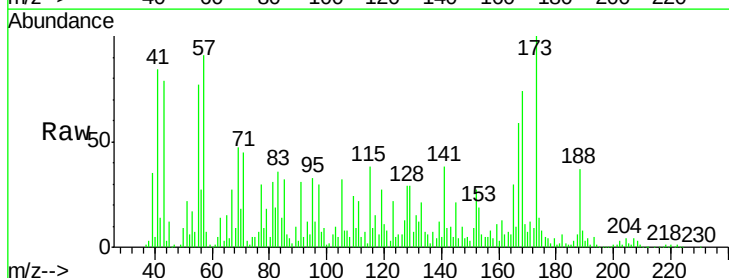
Tgt Ion:184 Resp: 2713

Ion Ratio Lower Upper

184 100

63 1245.0 62.7 94.1#

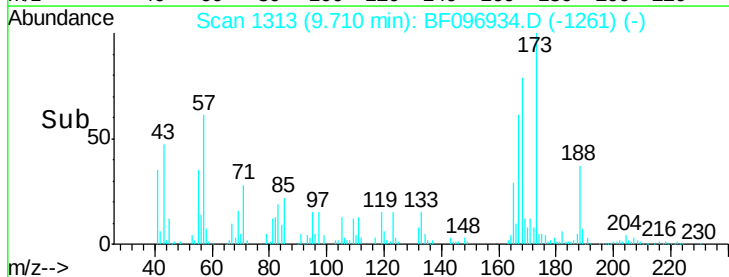
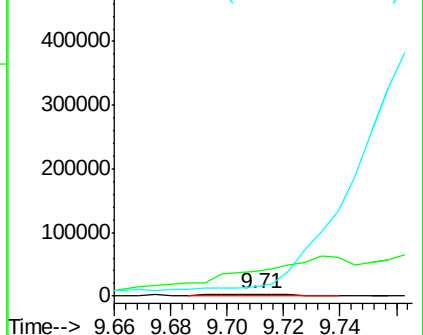
154 484.1 81.1 121.7#

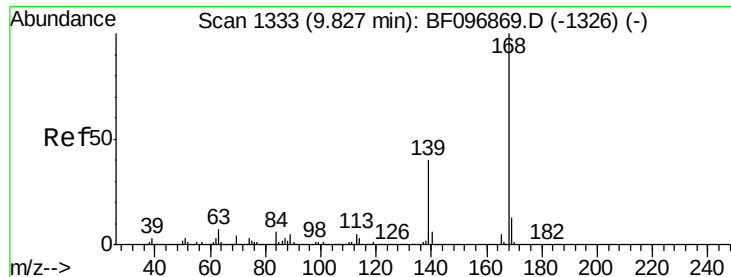


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 536.31 ng

RT: 9.90 min Scan# 1345

Delta R.T. 0.06 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

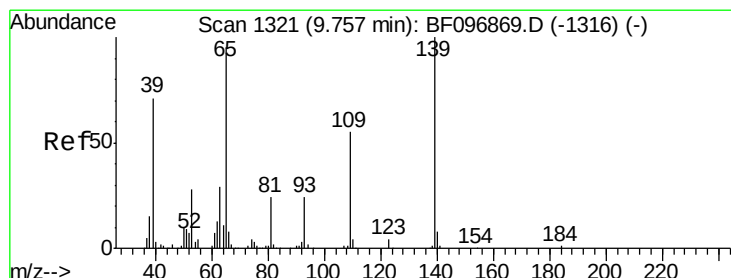
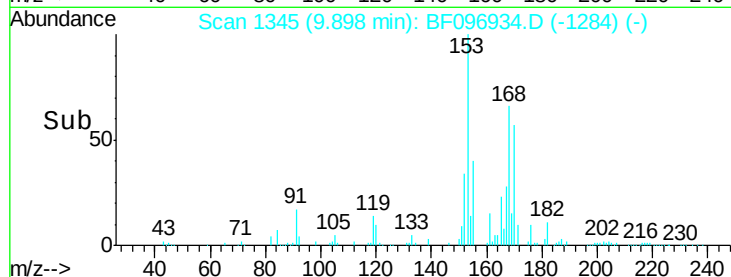
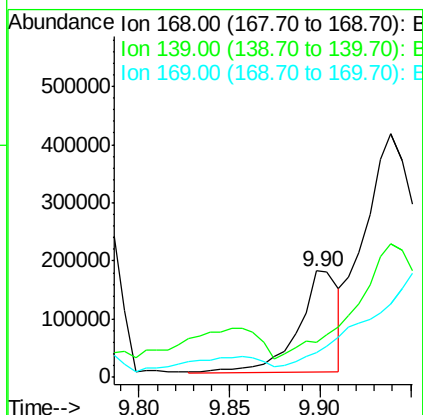
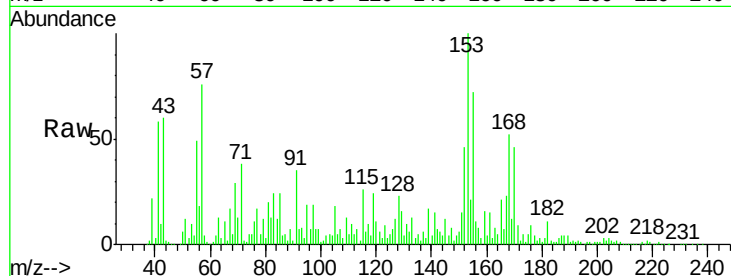
Tot Ion:168 Resp: 273537

Ion Ratio Lower Upper

168 100

139 33.3 30.6 45.8

169 23.2 10.8 16.2#



#55

4-Nitrophenol

Concen: 279.56 ng

RT: 9.77 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

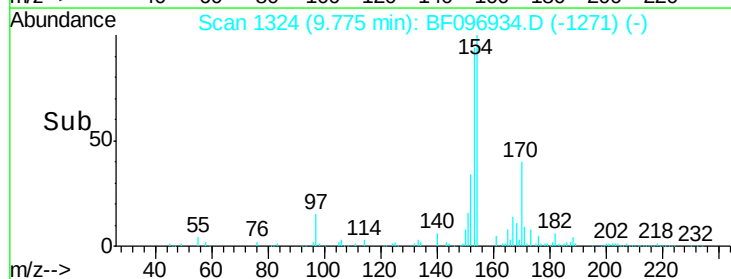
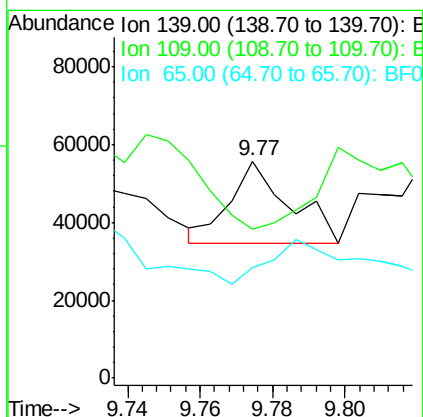
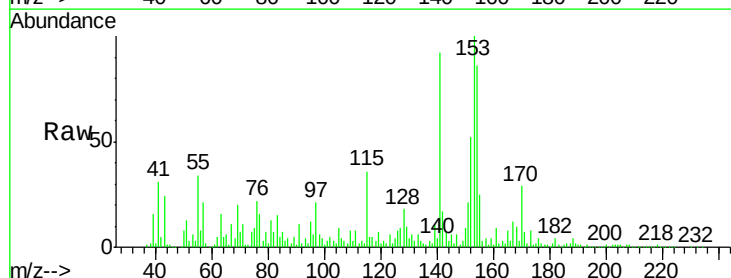
Tgt Ion:139 Resp: 24162

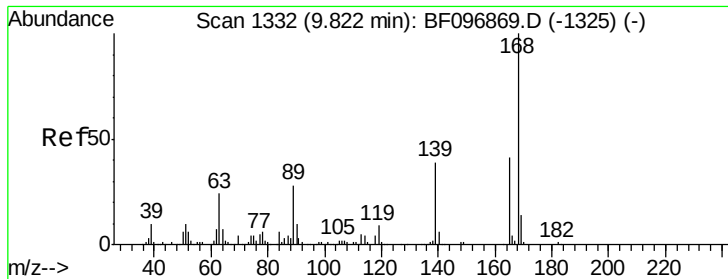
Ion Ratio Lower Upper

139 100

109 68.6 34.1 74.1

65 50.7 31.4 71.4





#56

2,4-Dinitrotoluene

Concen: 551.95 ng

RT: 9.79 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 70827

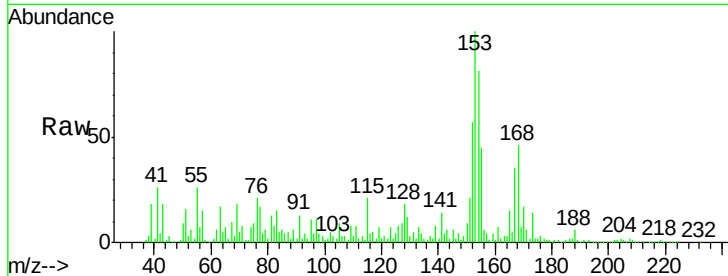
Ion Ratio Lower Upper

165 100

63 110.9 25.4 38.0#

89 38.7 46.4 69.6#

182 7.9 1.8 2.6#

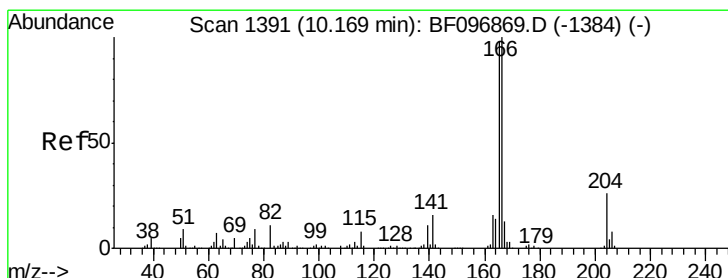
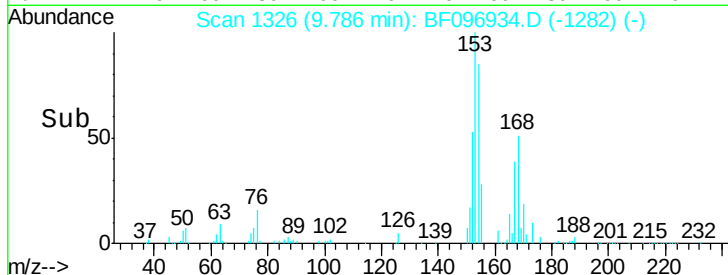
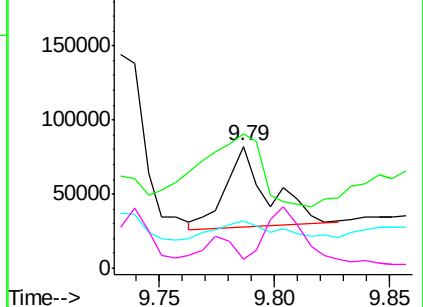


Abundance Ion 165.00 (164.70 to 165.70): E

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: 168.71 ng

RT: 10.15 min Scan# 1388

Delta R.T. -0.03 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

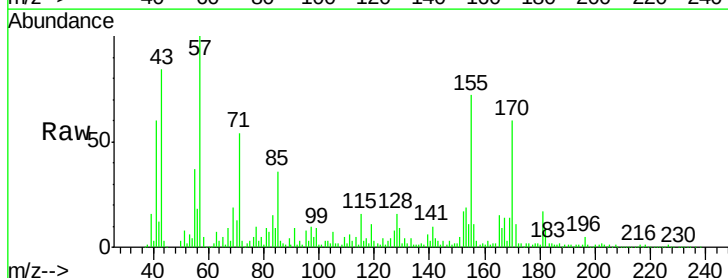
Tgt Ion:166 Resp: 63585

Ion Ratio Lower Upper

166 100

165 161.0 78.8 118.2#

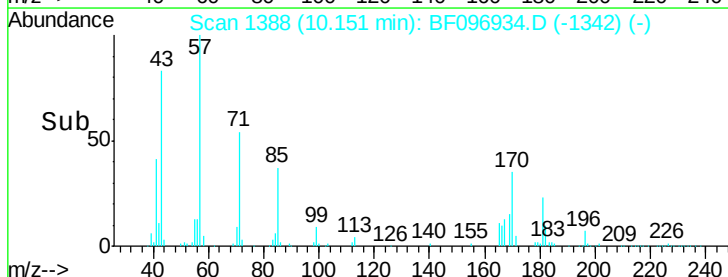
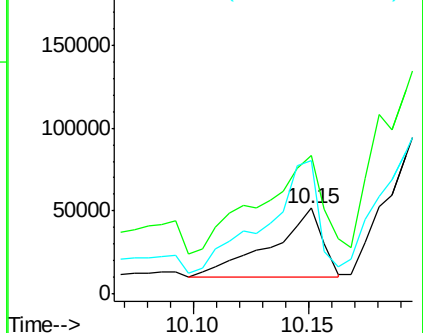
167 155.7 10.6 16.0#

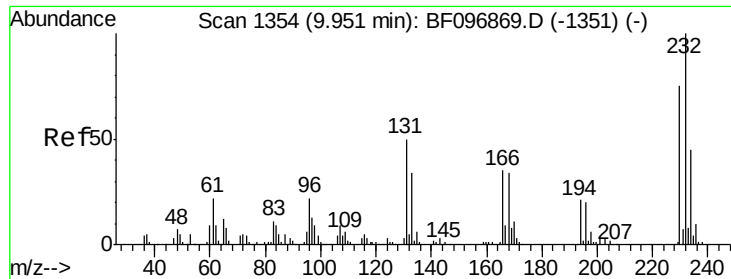


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

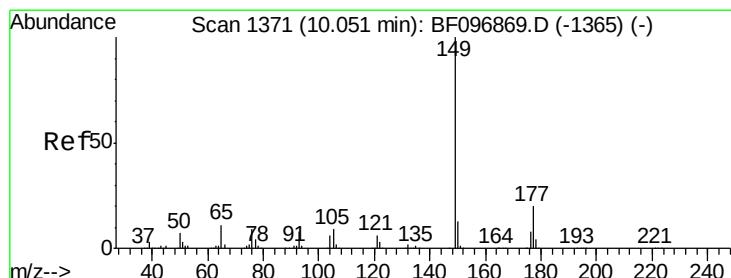
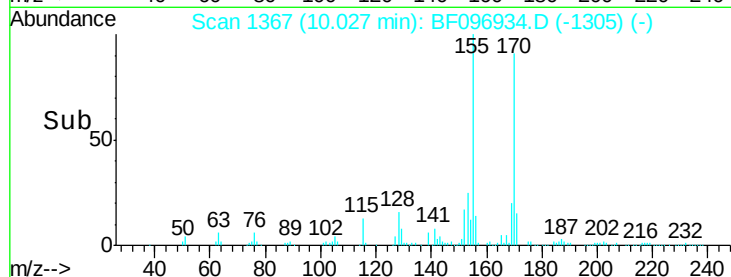
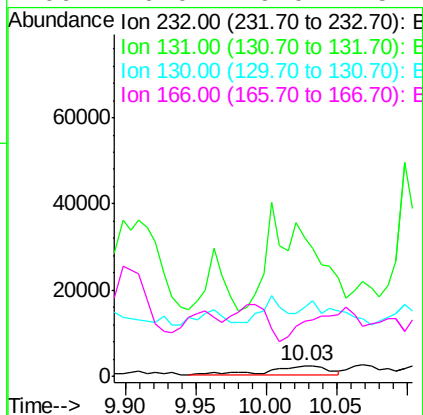
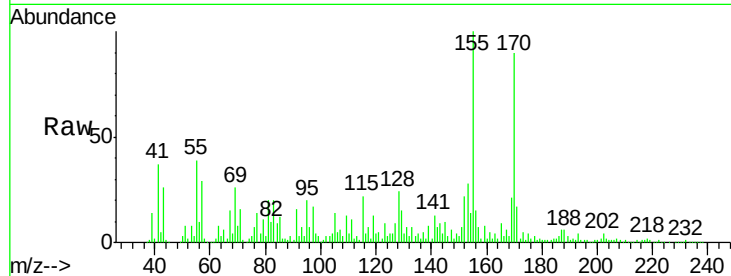




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 68.07 ng
 RT: 10.03 min Scan# 1367
 Delta R.T. 0.06 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

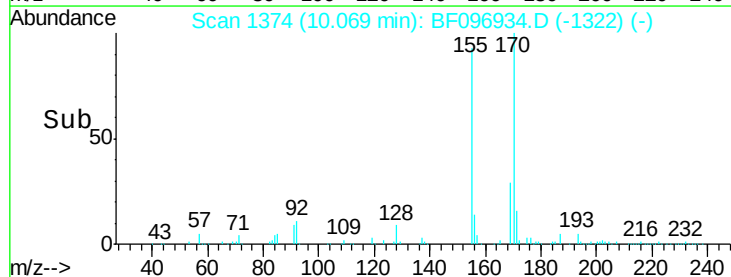
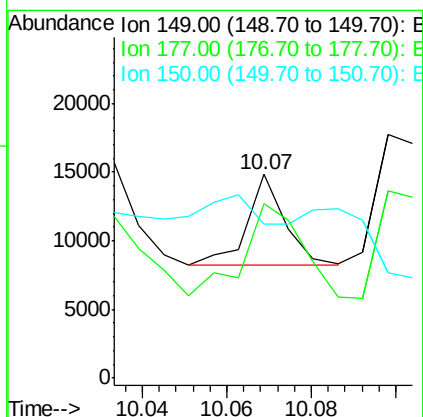
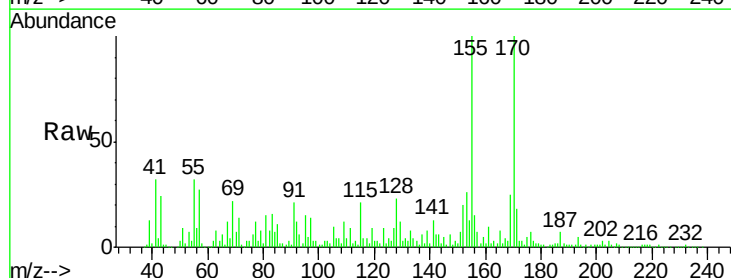
Instrument :
 BNA_F
 ClientSampleId :

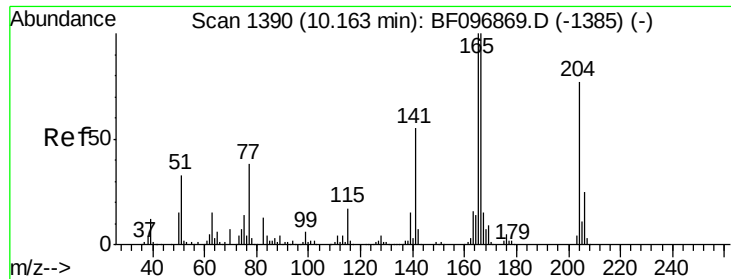
Tot Ion:232 Resp: 5813
 Ion Ratio Lower Upper
 232 100
 131 0.0 44.8 67.2#
 130 215.0 2.3 3.5#
 166 0.0 29.0 43.4#



#59
 Diethylphthalate
 Concen: 9.26 ng
 RT: 10.07 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:149 Resp: 4155
 Ion Ratio Lower Upper
 149 100
 177 85.8 16.7 25.1#
 150 75.8 10.2 15.2#

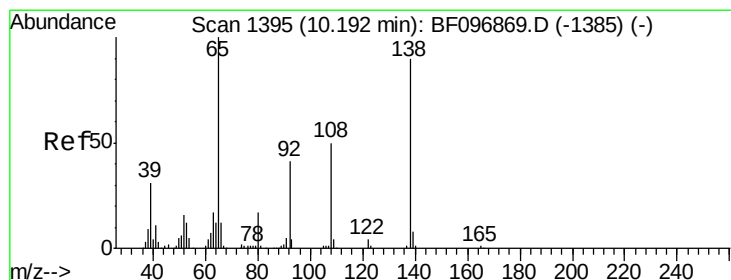
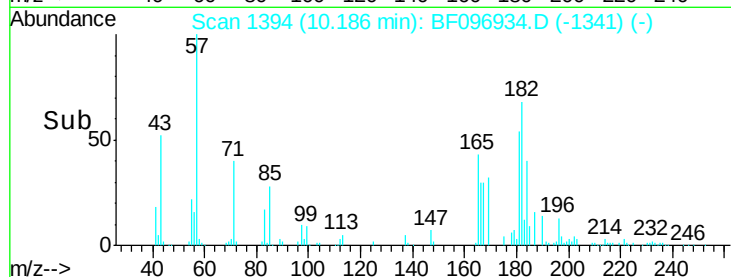
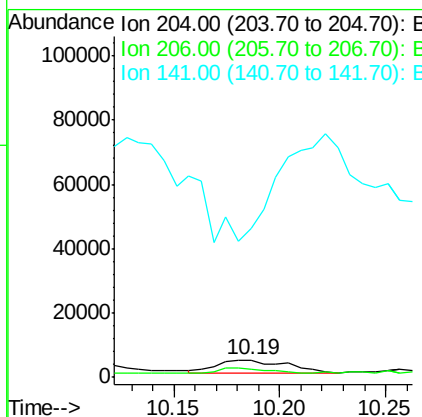
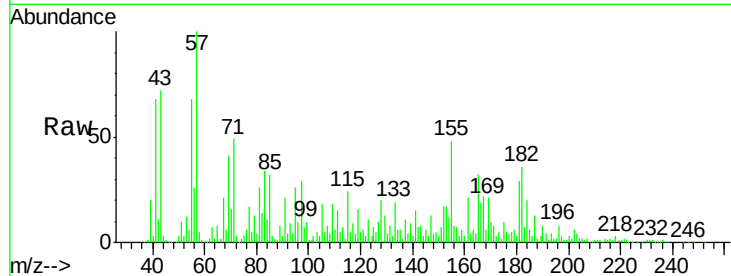




#60
4-Chlorophenyl-phenylether
Concen: 62.63 ng
RT: 10.19 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

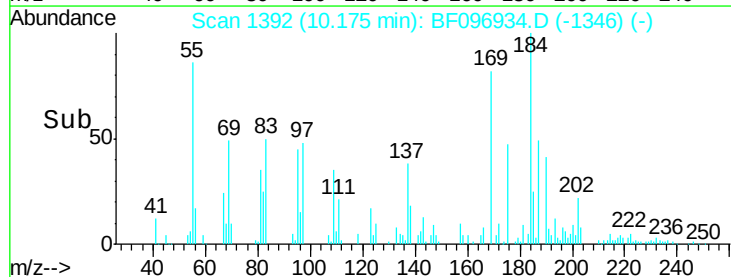
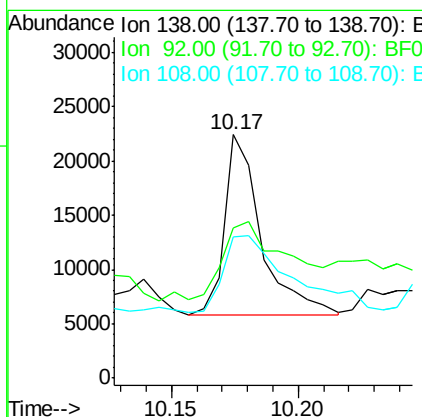
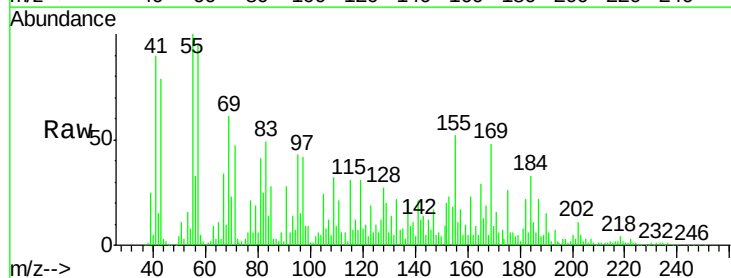
Instrument :
BNA_F
ClientSampled :

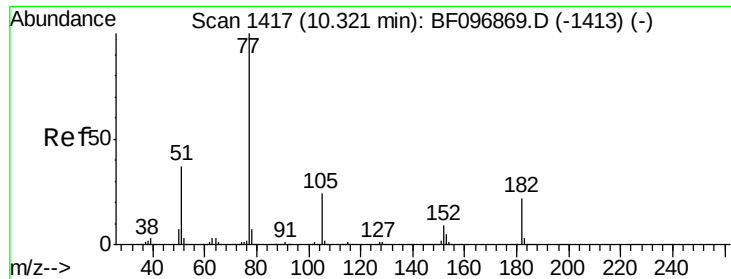
Tot Ion:204 Resp: 8757
Ion Ratio Lower Upper
204 100
206 48.4 26.2 39.2#
141 850.1 60.8 91.2#



#61
4-Nitroaniline
Concen: 149.17 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:138 Resp: 16571
Ion Ratio Lower Upper
138 100
92 61.8 21.8 61.8
108 57.8 42.3 82.3

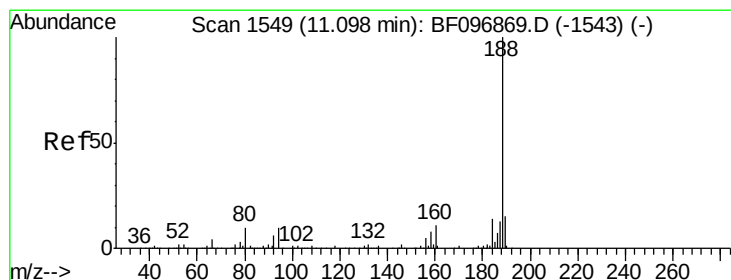
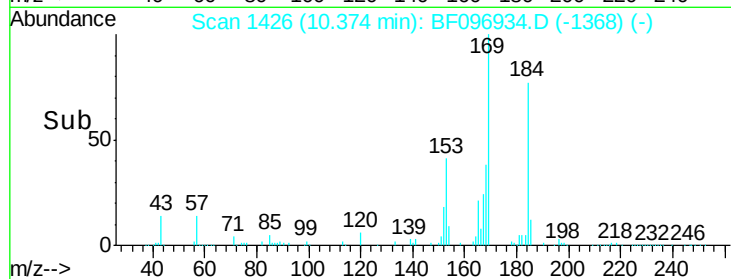
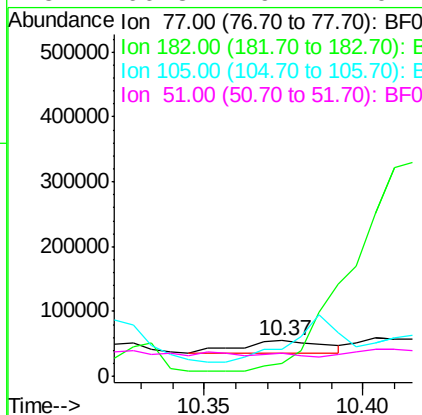
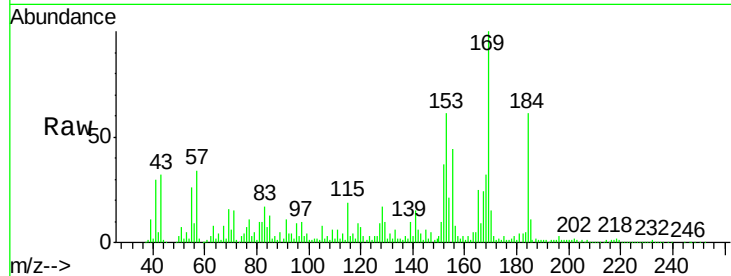




#62
Azobenzene
Concen: 88.15 ng
RT: 10.37 min Scan# 1426
Delta R.T. 0.04 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

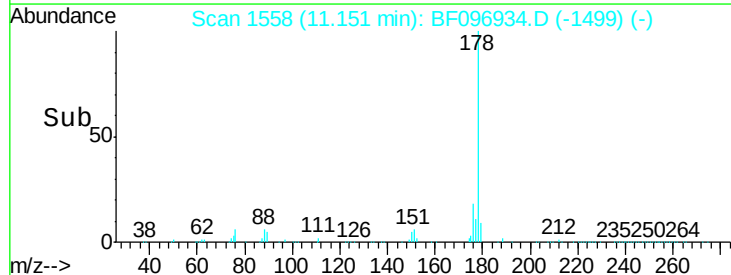
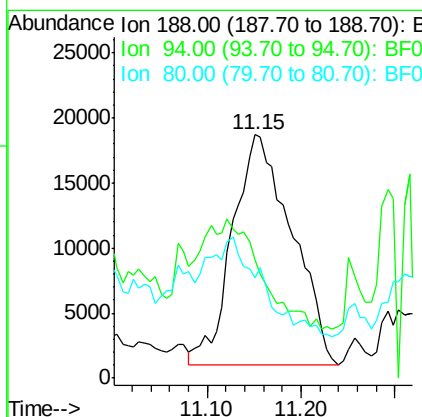
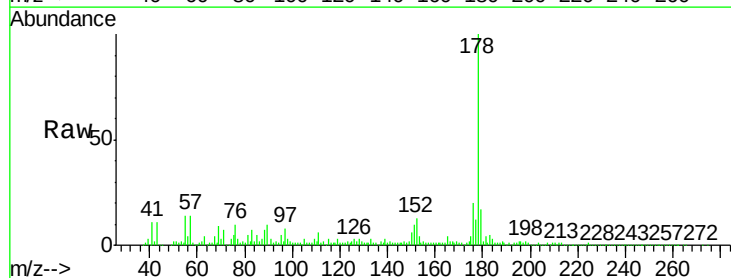
Instrument :
BNA_F
ClientSampleId :

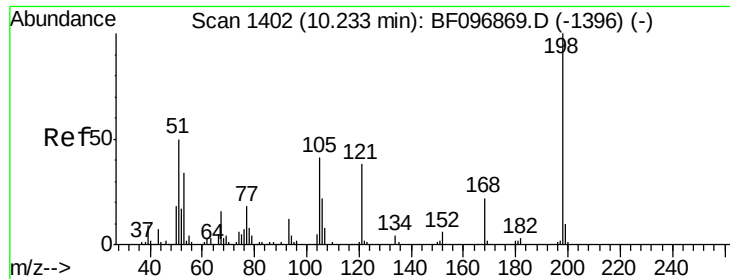
Tot Ion: 77 Resp: 34904
Ion Ratio Lower Upper
77 100
182 36.1 0.1 40.1
105 74.7 3.6 43.6#
51 66.8 9.4 49.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 1558
Delta R.T. 0.05 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion: 188 Resp: 77172
Ion Ratio Lower Upper
188 100
94 48.3 9.4 14.2#
80 41.4 10.2 15.2#

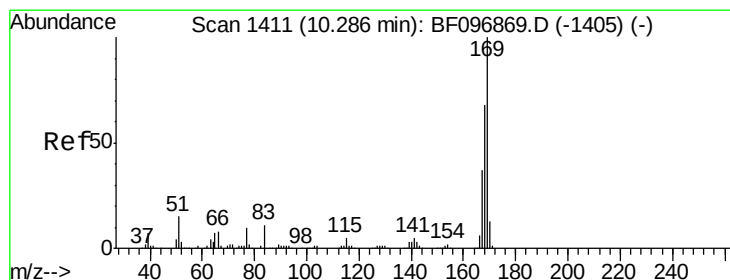
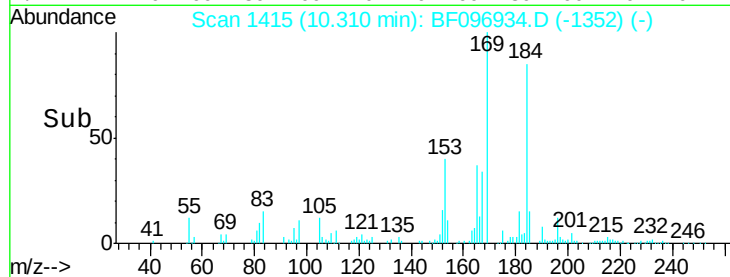
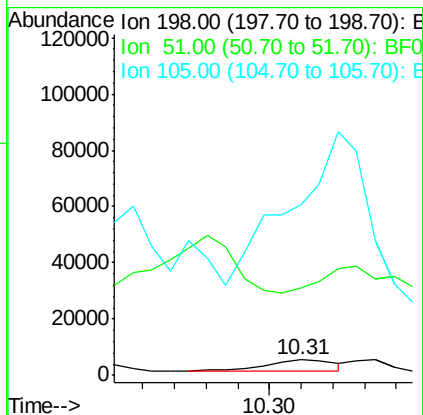
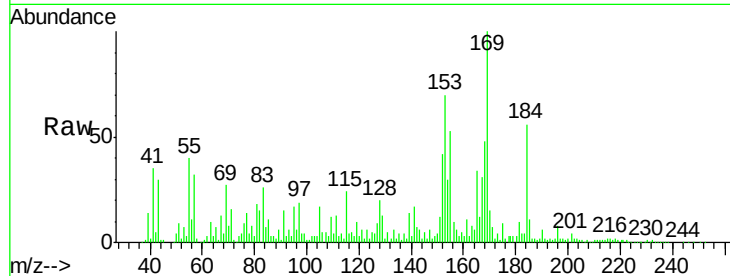




#64
4,6-Dinitro-2-methylphenol
Concen: 12.44 ng
RT: 10.31 min Scan# 1415
Delta R.T. 0.07 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

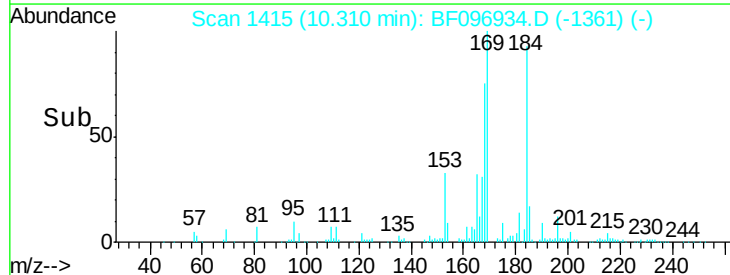
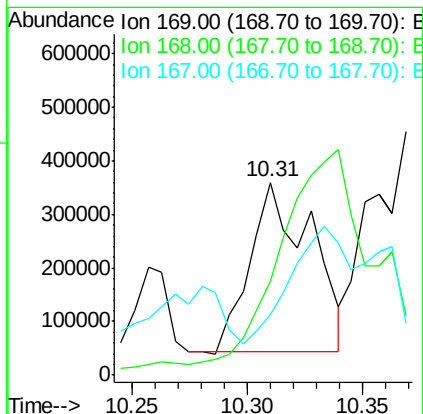
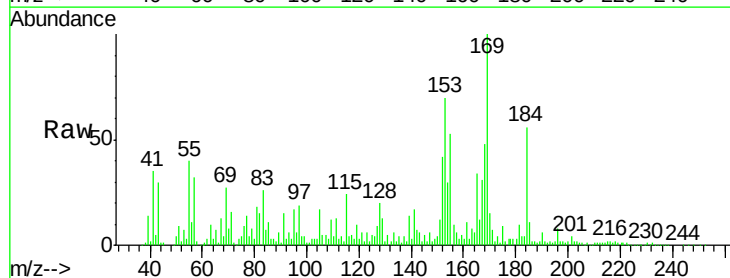
Instrument :
BNA_F
ClientSampleId :

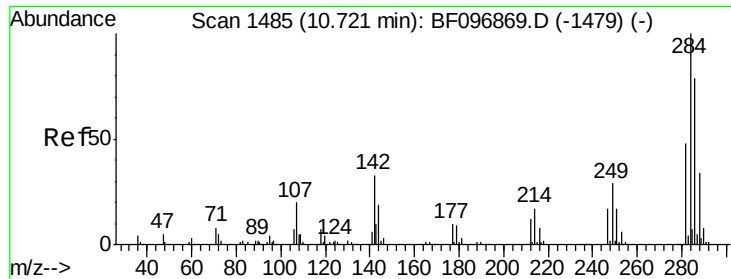
Tot Ion:198 Resp: 6029
Ion Ratio Lower Upper
198 100
51 566.3 53.2 93.2#
105 1095.7 45.8 85.8#



#65
n-Nitrosodiphenylamine
Concen: 210.38 ng
RT: 10.31 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:169 Resp: 580360
Ion Ratio Lower Upper
169 100
168 48.4 53.2 79.8#
167 31.3 29.5 44.3

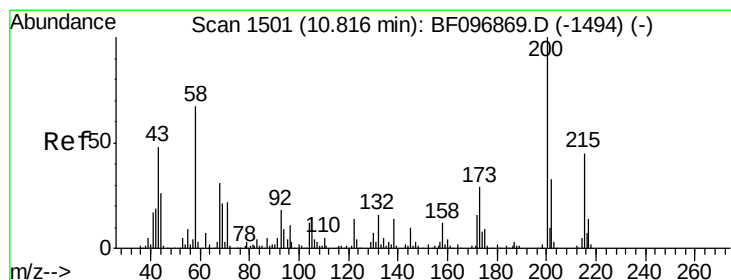
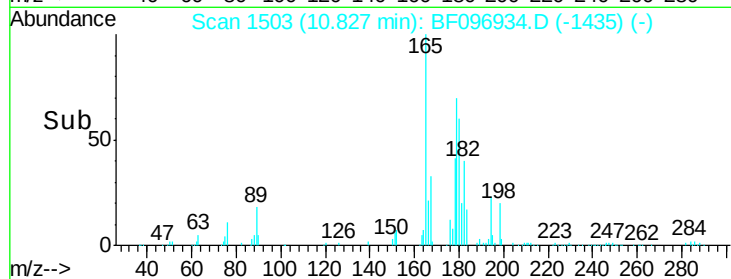
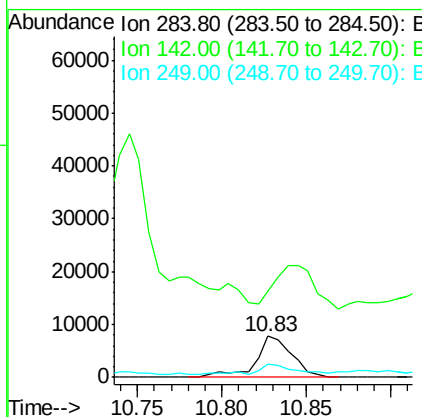
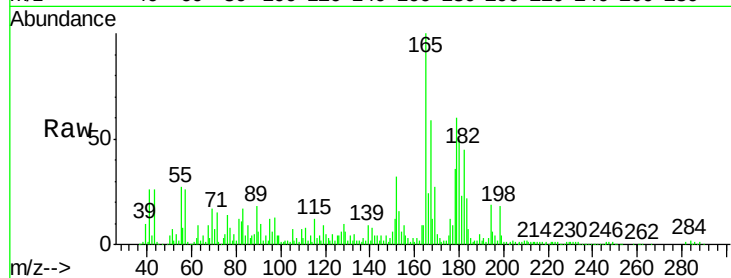




#67
Hexachlorobenzene
Concen: 13.16 ng
RT: 10.83 min Scan# 1503
Delta R.T. 0.10 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

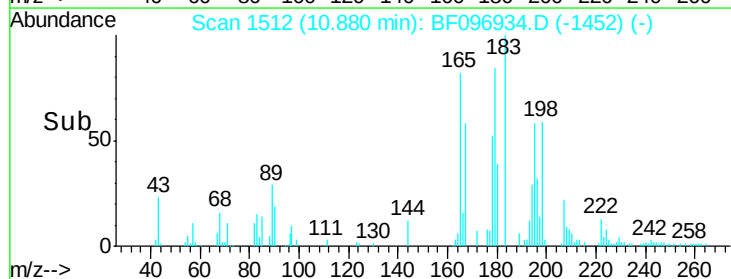
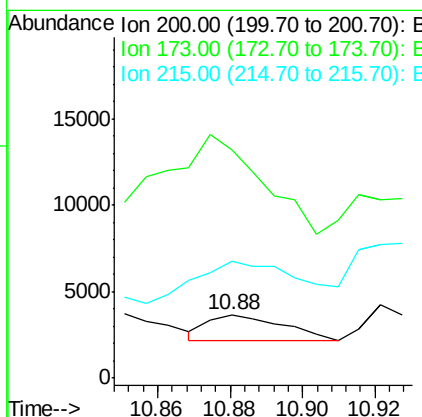
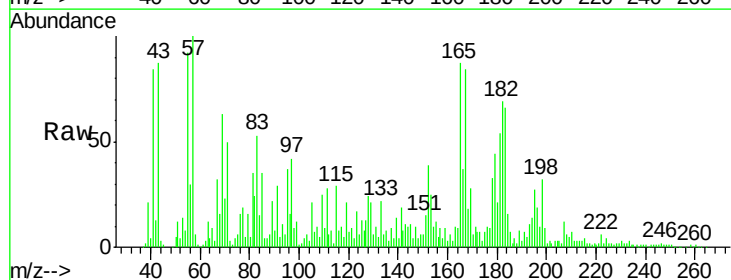
Instrument :
BNA_F
ClientSampleId :

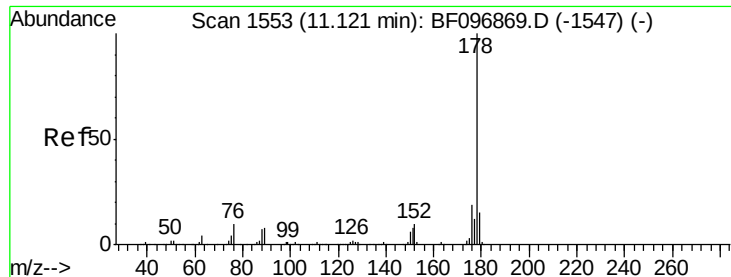
Tot Ion:284 Resp: 11546
Ion Ratio Lower Upper
284 100
142 210.1 22.8 34.2#
249 31.4 24.0 36.0



#68
Atrazine
Concen: 2.74 ng
RT: 10.88 min Scan# 1512
Delta R.T. 0.05 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:200 Resp: 2155
Ion Ratio Lower Upper
200 100
173 361.5 6.3 46.3#
215 185.8 27.2 67.2#





#70

Phenanthrene

Concen: 2342.33 ng

RT: 11.24 min Scan# 1573

Delta R.T. 0.11 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

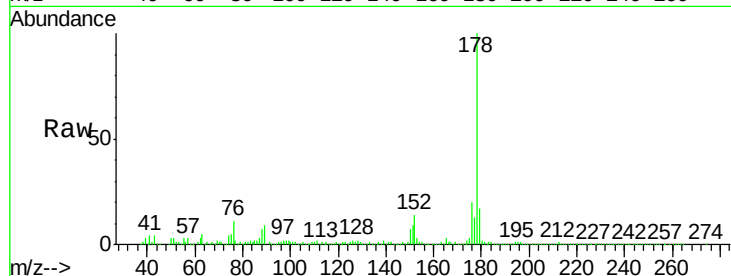
Tot Ion:178 Resp: 9828668

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

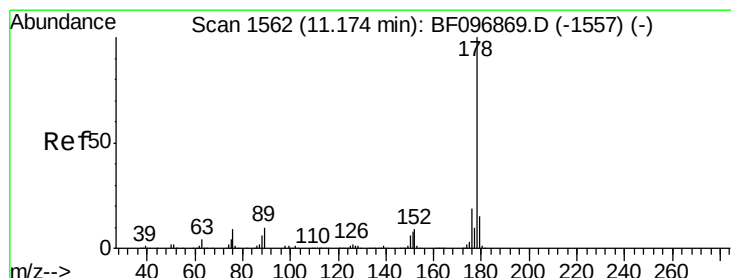
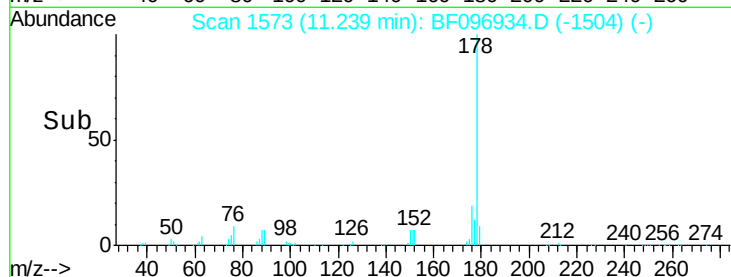
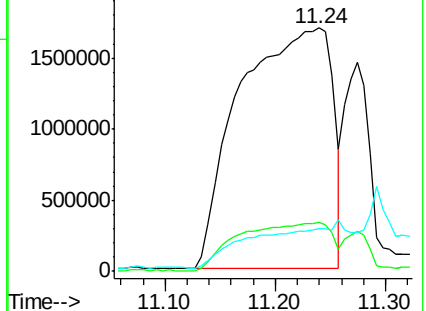
179 17.3 12.6 19.0



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: 2316.67 ng

RT: 11.24 min Scan# 1573

Delta R.T. 0.05 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

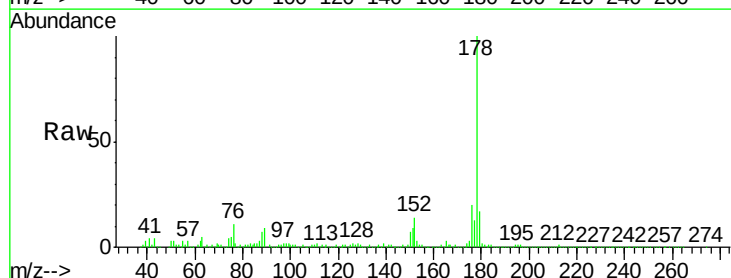
Tgt Ion:178 Resp: 9828668

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

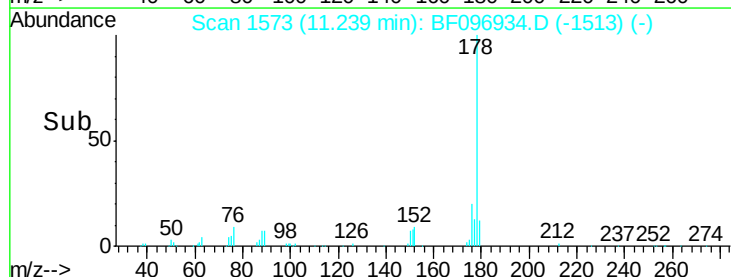
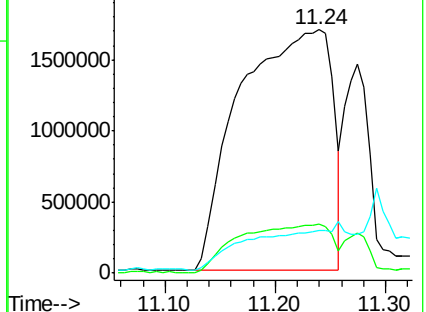
179 17.3 12.7 19.1

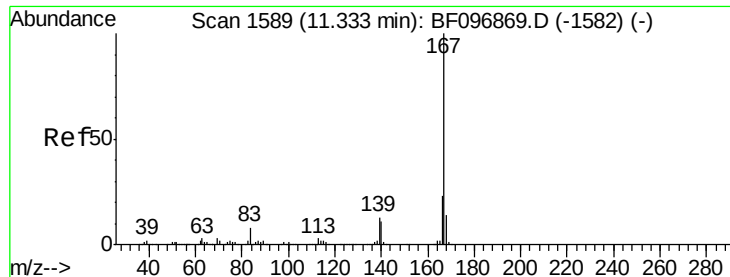


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



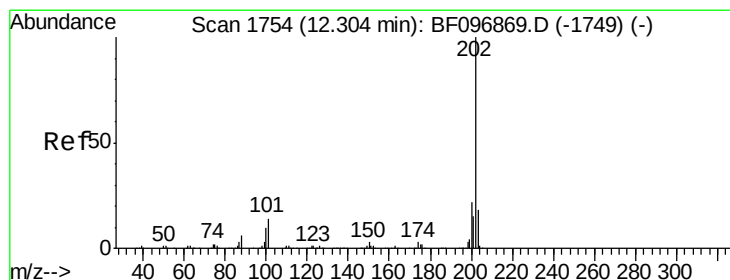
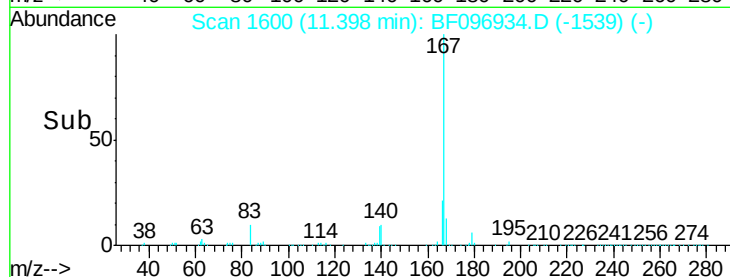
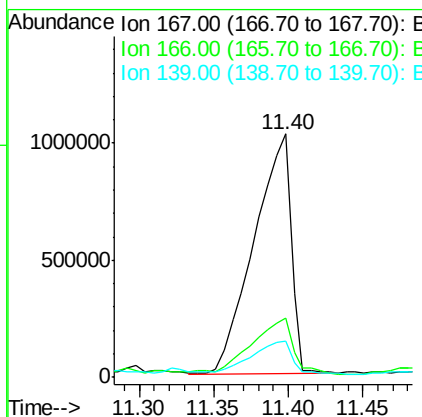
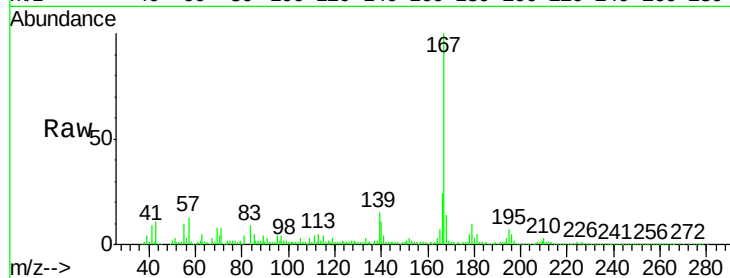


#72
 Carbazole
 Concen: 431.07 ng
 RT: 11.40 min Scan# 1600
 Delta R.T. 0.06 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1771018

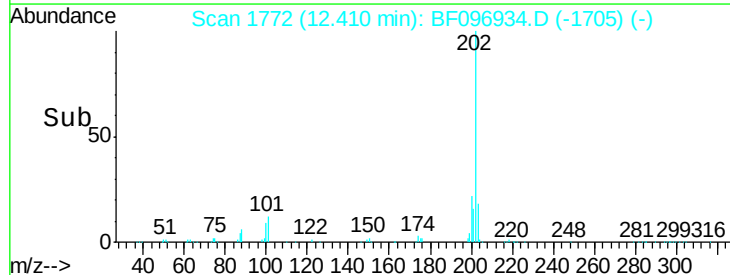
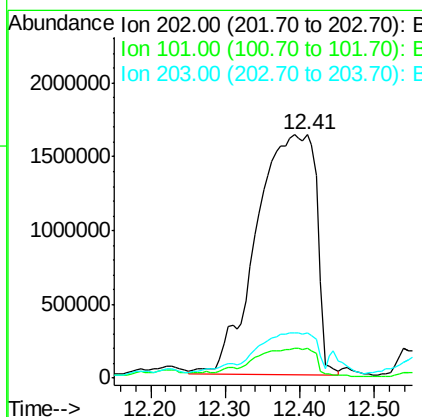
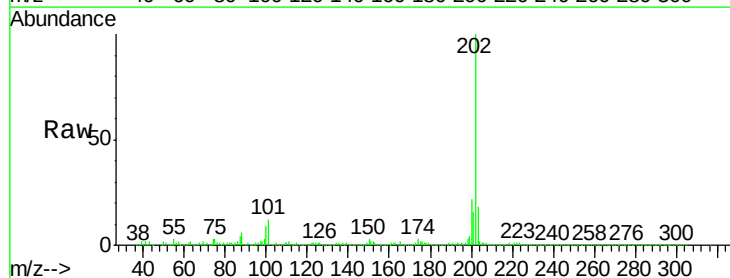
Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.1	27.1
139	15.1	11.7	17.5

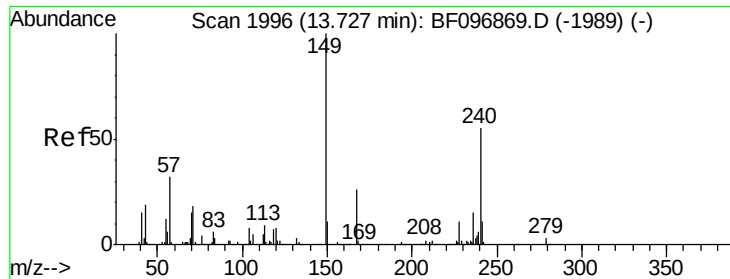


#74
 Fluoranthene
 Concen: 2245.39 ng
 RT: 12.41 min Scan# 1772
 Delta R.T. 0.09 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:202 Resp: 9018407

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 2011

Delta R.T. 0.08 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

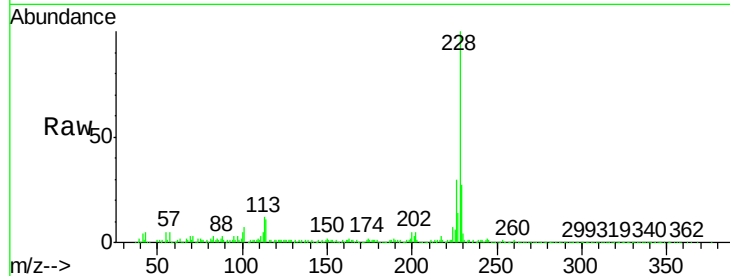
Tot Ion:240 Resp: 28576

Ion Ratio Lower Upper

240 100

120 40.5 5.8 8.8#

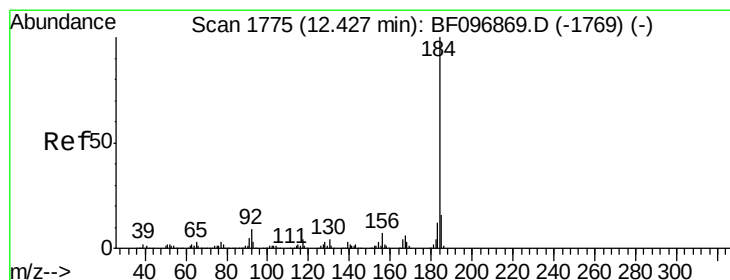
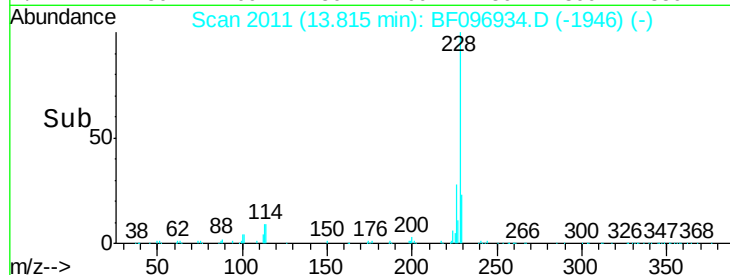
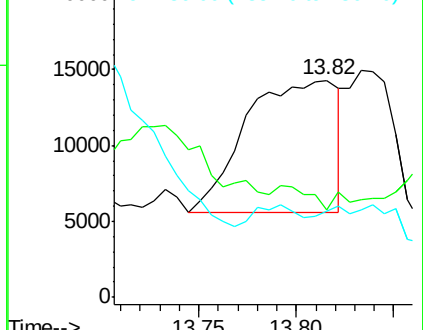
236 39.8 20.5 30.7#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.45 ng

RT: 12.43 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

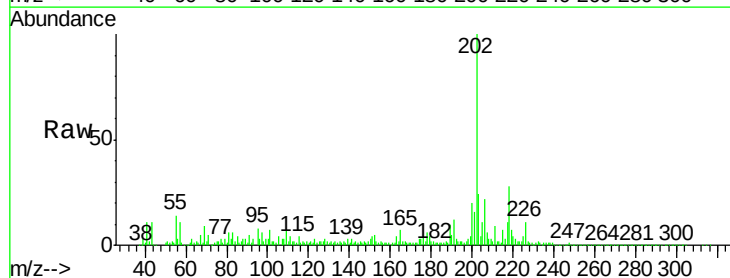
Tgt Ion:184 Resp: 5106

Ion Ratio Lower Upper

184 100

185 90.6 15.5 23.3#

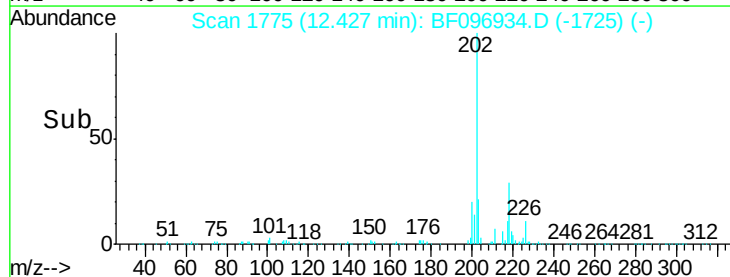
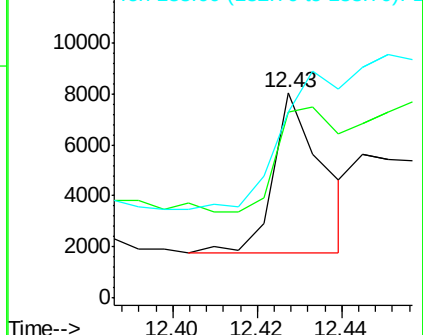
183 90.4 9.8 14.6#

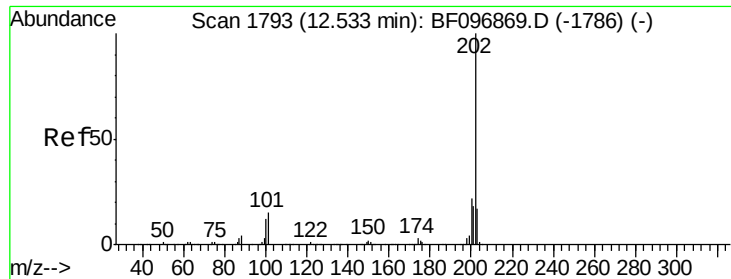


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

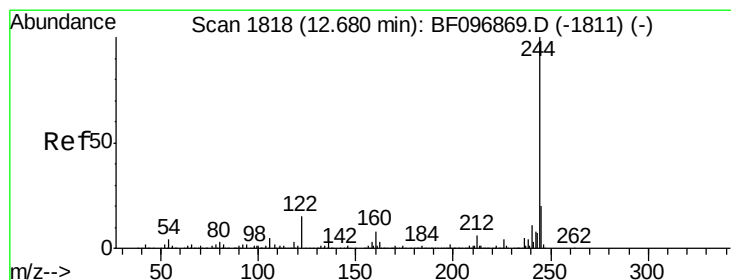
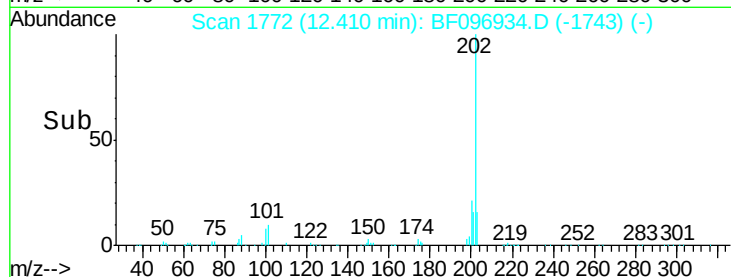
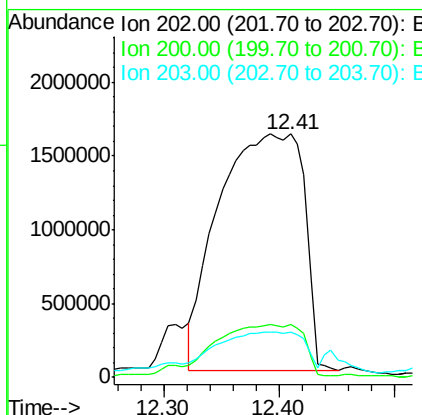
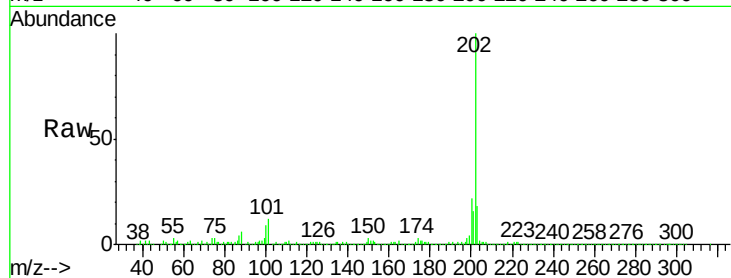




#77
Pvrene
Concen: 3154.87 ng
RT: 12.41 min Scan# 1772
Delta R.T. -0.13 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

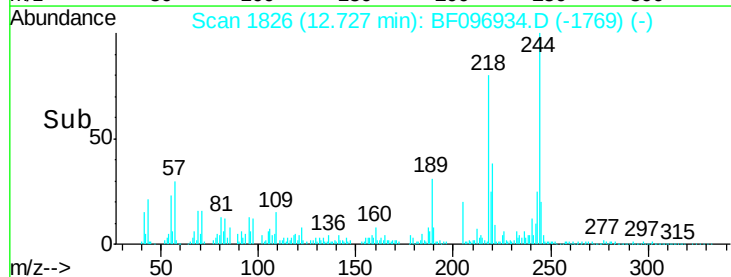
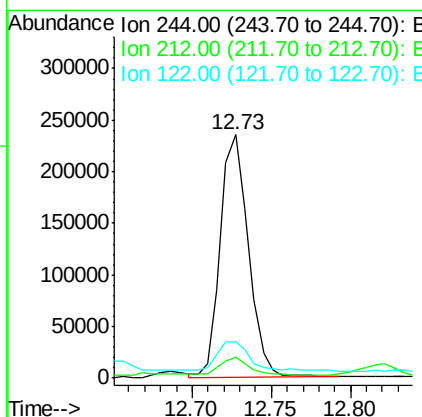
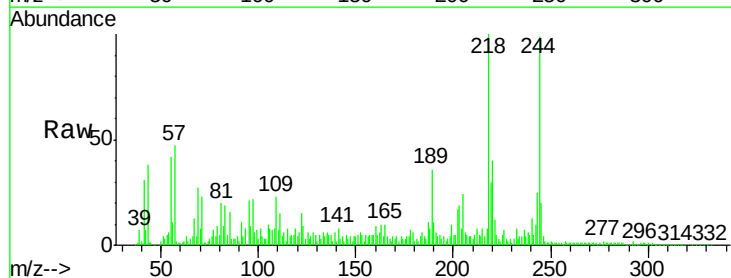
Instrument :
BNA_F
ClientSampleId :

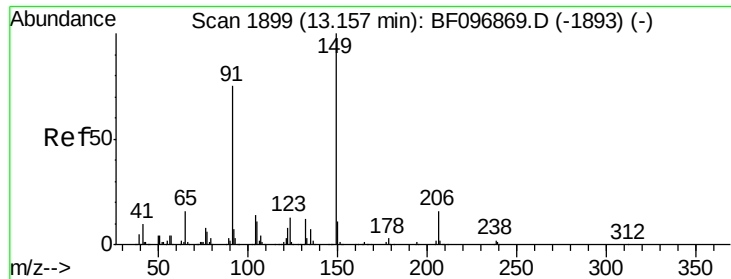
Tot Ion:202 Resp: 8181913
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.4 14.4 21.6



#78
Terphenyl-d14
Concen: 175.53 ng
RT: 12.73 min Scan# 1826
Delta R.T. 0.04 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:244 Resp: 289233
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 15.1 10.3 15.5

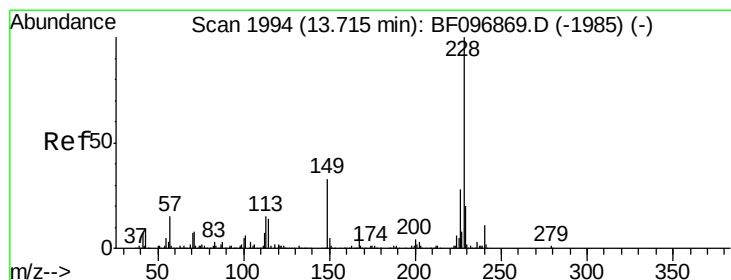
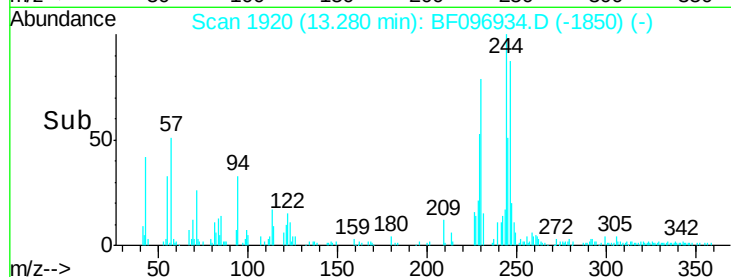
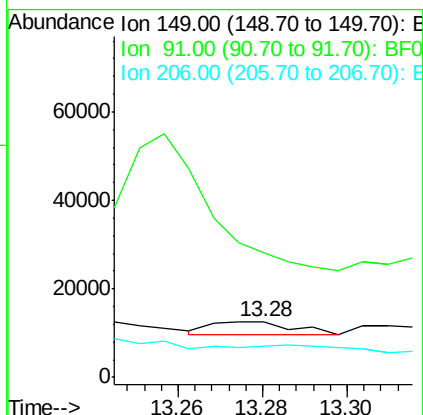
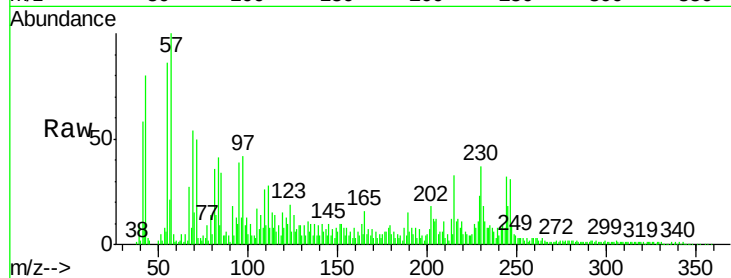




#79
Butylbenzylphthalate
Concen: 3.06 ng
RT: 13.28 min Scan# 1920
Delta R.T. 0.11 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

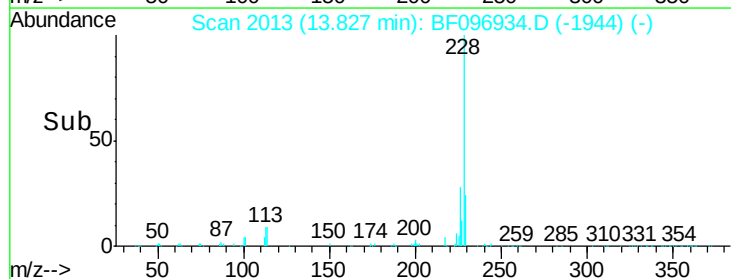
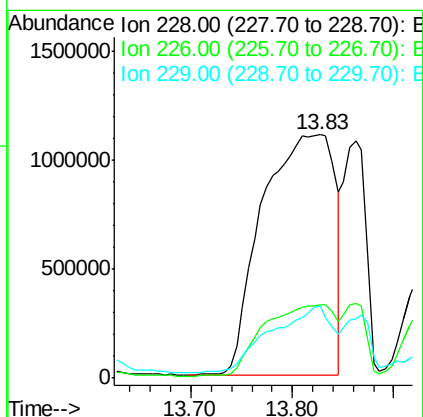
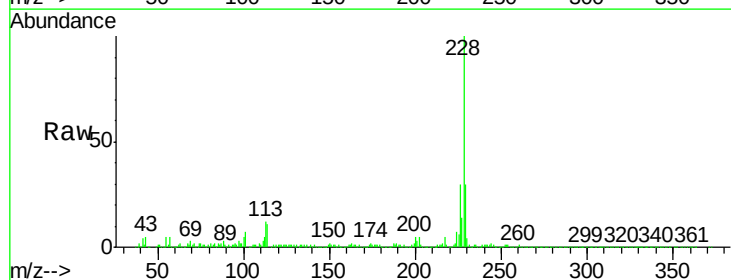
Instrument :
BNA_F
ClientSampleId :

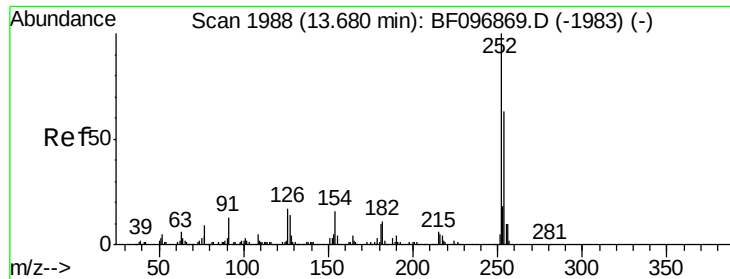
Tot Ion:149 Resp: 3767
Ion Ratio Lower Upper
149 100
91 222.7 45.0 67.4#
206 55.9 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 3068.97 ng
RT: 13.83 min Scan# 2013
Delta R.T. 0.11 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:228 Resp: 5464303
Ion Ratio Lower Upper
228 100
226 30.1 22.6 33.8
229 29.8 16.3 24.5#

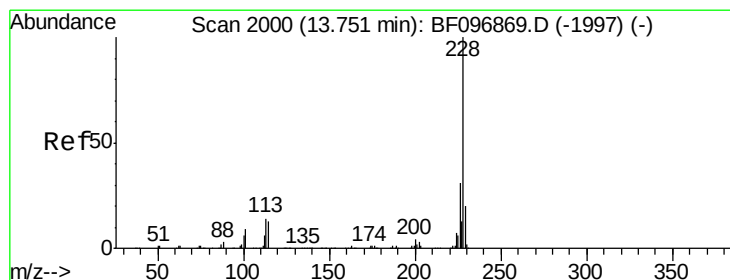
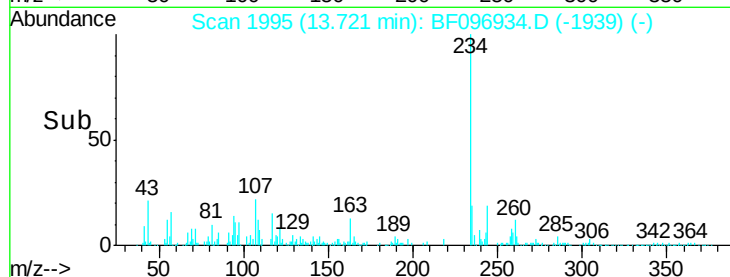
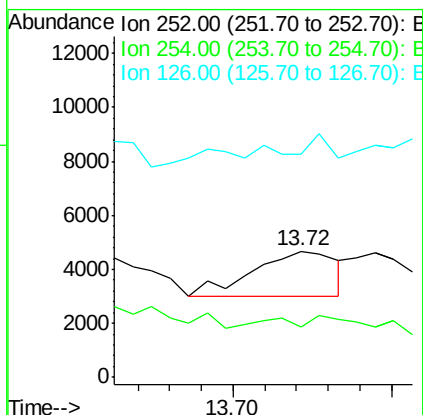
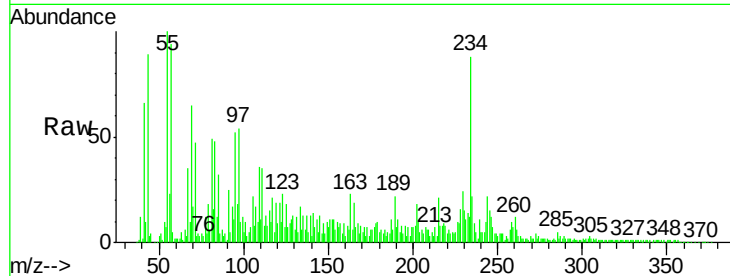




#81
 3,3'-Dichlorobenzidine
 Concen: 4.84 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. 0.03 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

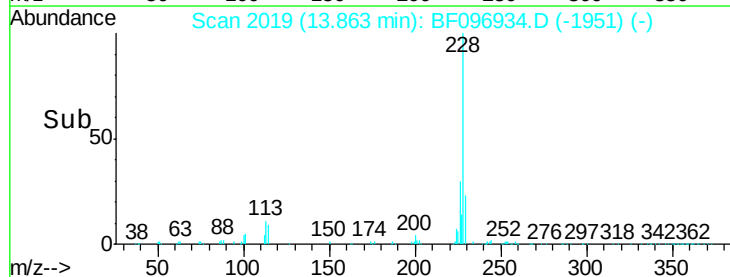
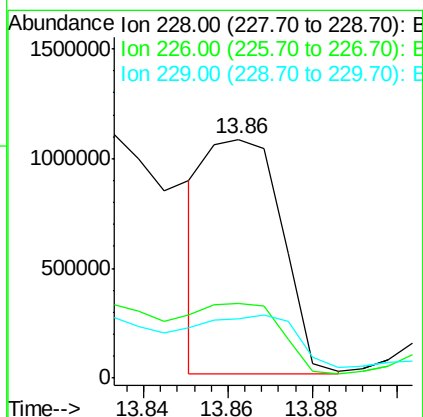
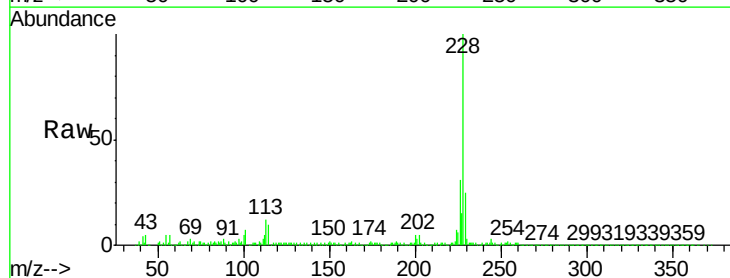
Instrument :
 BNA_F
 ClientSampleId :

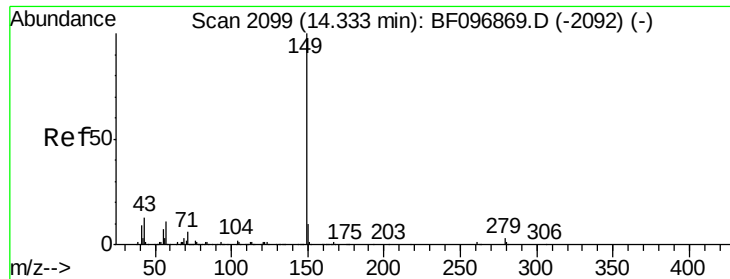
Tot Ion:252 Resp: 3096
 Ion Ratio Lower Upper
 252 100
 254 39.5 51.5 77.3#
 126 177.0 15.8 23.8#



#82
 Chrysene
 Concen: 752.46 ng
 RT: 13.86 min Scan# 2019
 Delta R.T. 0.10 min
 Lab File: BF096934.D
 Acq: 21 Jul 2017 5:55

Tgt Ion:228 Resp: 1318928
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 25.0 15.8 23.6#





#84

Di-n-octyl phthalate

Concen: 2.13 ng

RT: 14.42 min Scan# 2114

Delta R.T. 0.08 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

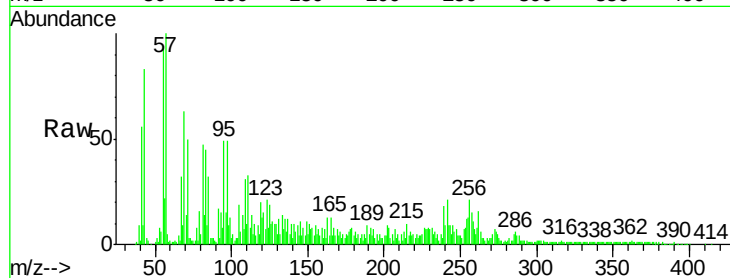
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 5283

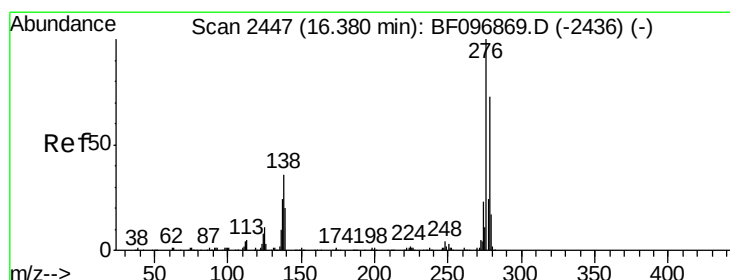
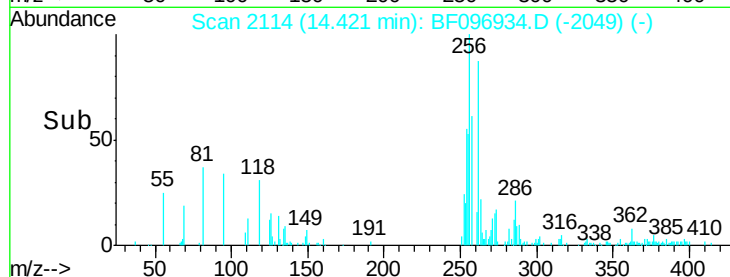
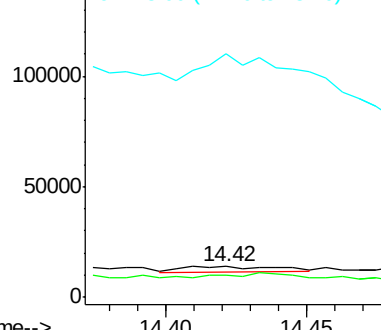
Ion	Ratio	Lower	Upper
149	100		
167	75.0	1.2	1.8#
43	1596.0	8.5	12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 668.86 ng

RT: 16.52 min Scan# 2471

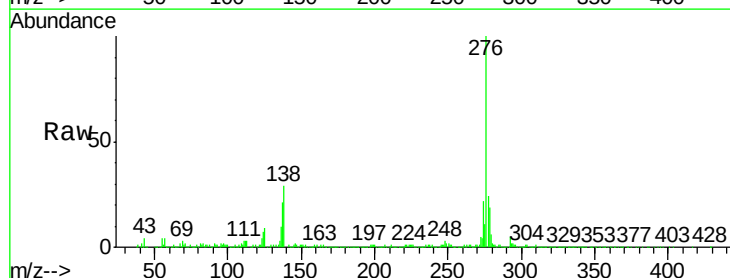
Delta R.T. 0.13 min

Lab File: BF096934.D

Acq: 21 Jul 2017 5:55

Tgt Ion:276 Resp: 2333419

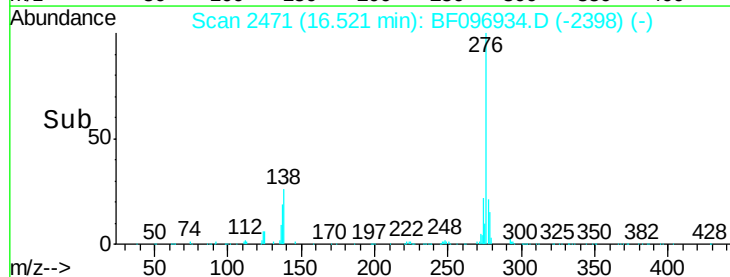
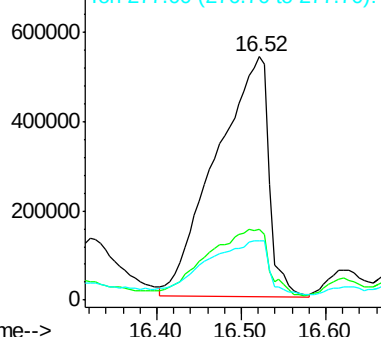
Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	26.3	20.2	30.4

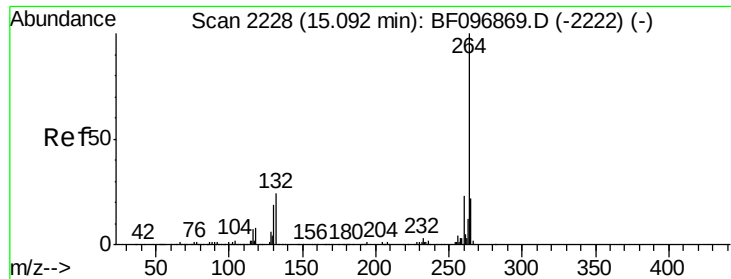


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

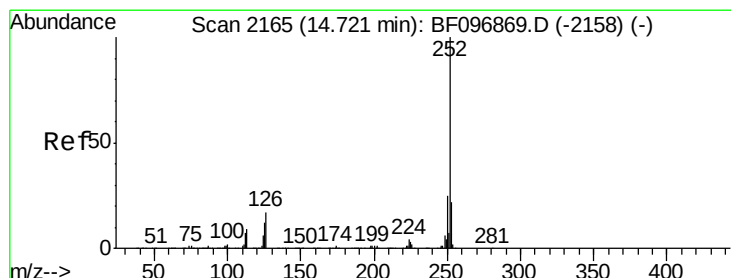
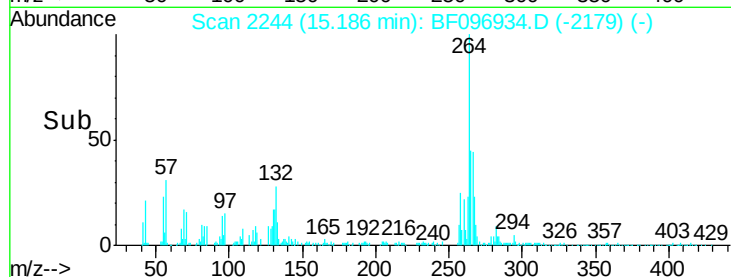
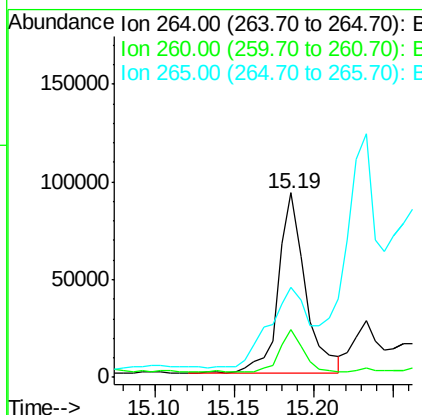
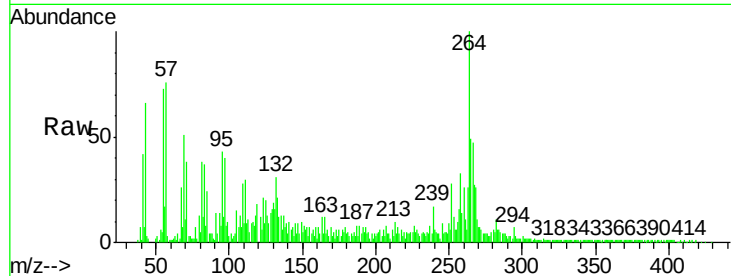




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 2244
Delta R.T. 0.08 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

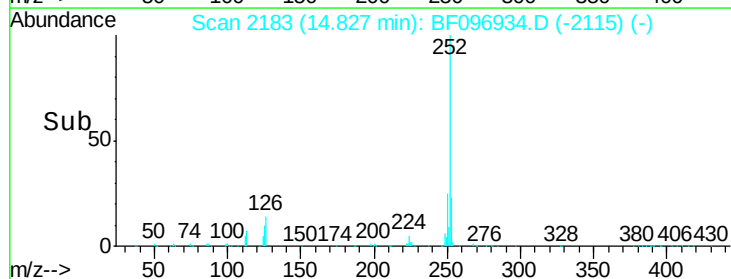
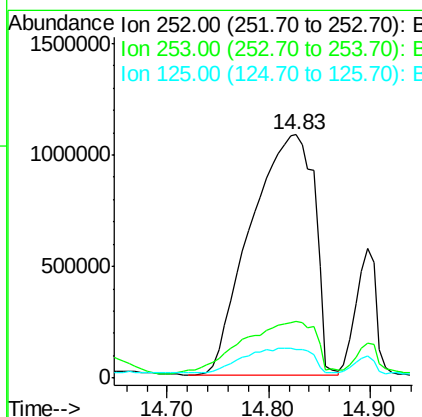
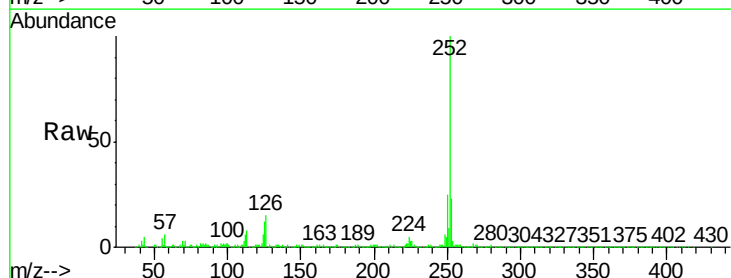
Instrument :
BNA_F
ClientSampleId :

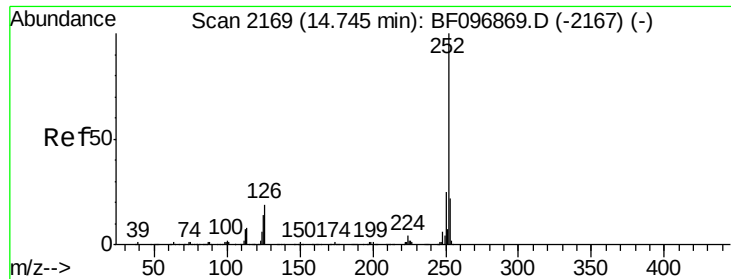
Tot Ion:264 Resp: 109978
Ion Ratio Lower Upper
264 100
260 25.8 19.5 29.3
265 48.6 17.2 25.8#



#87
Benzo(b)fluoranthene
Concen: 710.59 ng
RT: 14.83 min Scan# 2183
Delta R.T. 0.10 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:252 Resp: 4713313
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 12.0 9.8 14.8

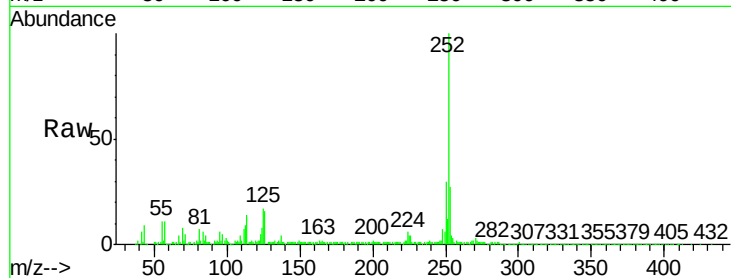




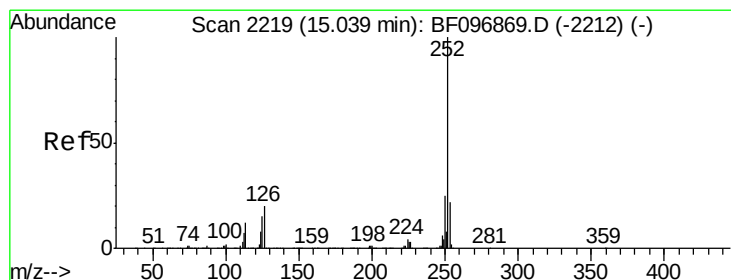
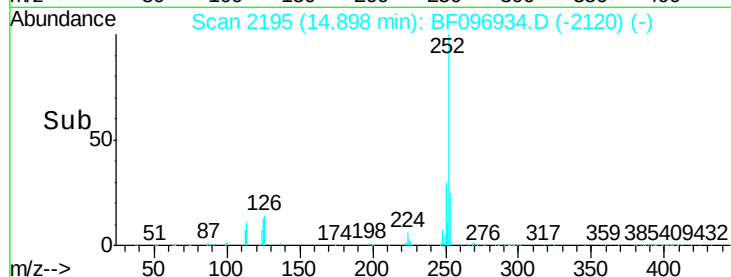
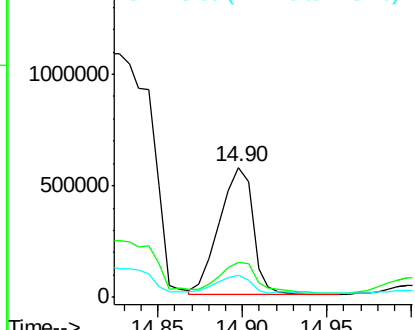
#88
Benzo(k)fluoranthene
Concen: 126.21 ng
RT: 14.90 min Scan# 2195
Delta R.T. 0.14 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 792755
Ion Ratio Lower Upper
252 100
253 27.3 18.4 27.6
125 17.2 13.1 19.7

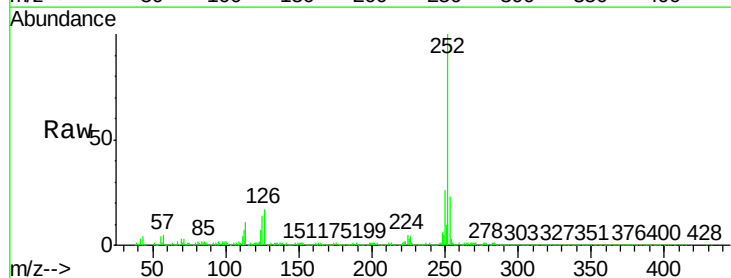


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

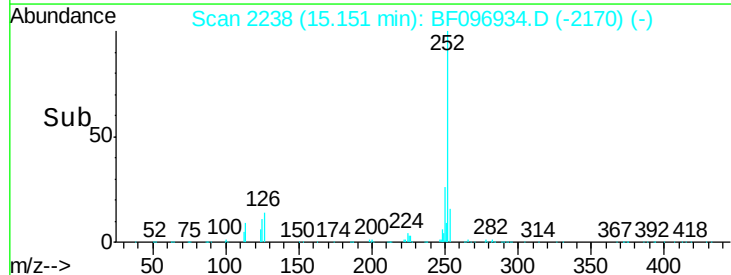
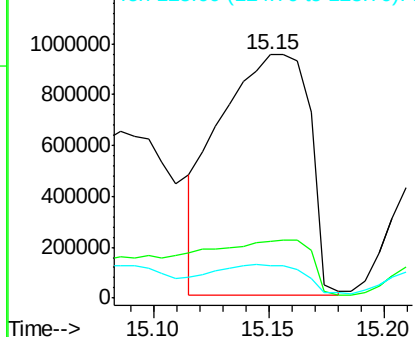


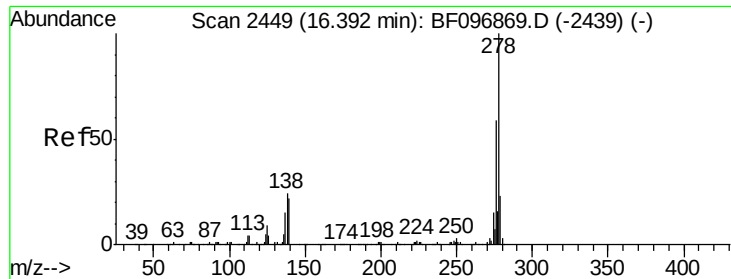
#89
Benzo(a)pyrene
Concen: 421.92 ng
RT: 15.15 min Scan# 2238
Delta R.T. 0.10 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:252 Resp: 2566762
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 13.5 11.0 16.4



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

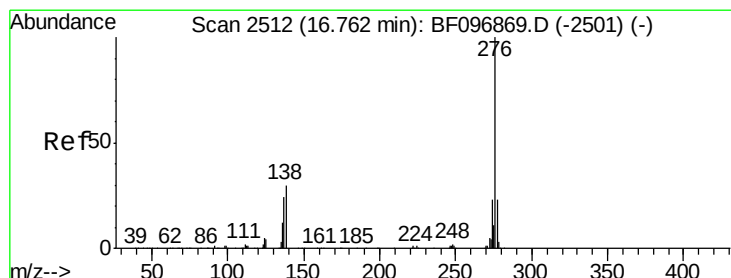
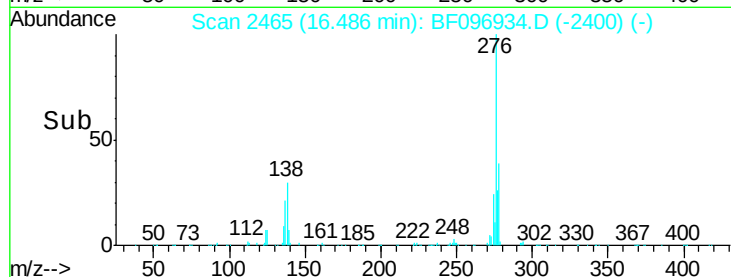
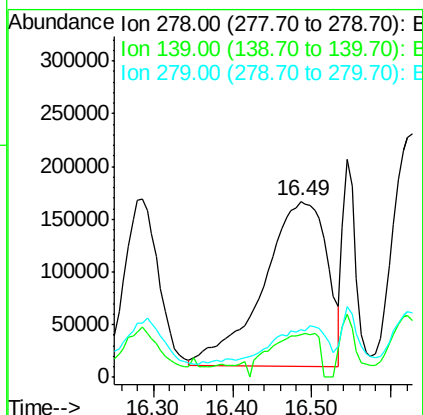
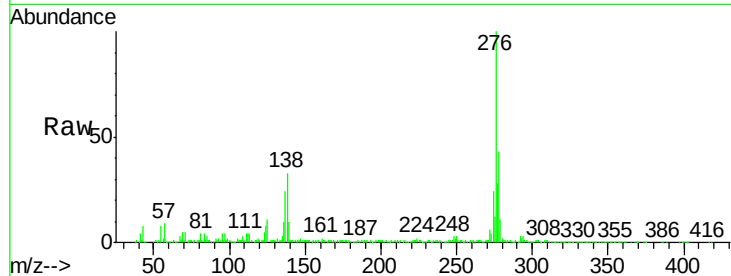




#90
Dibenzo(a,h)anthracene
Concen: 156.13 ng
RT: 16.49 min Scan# 2465
Delta R.T. 0.08 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 873968
Ion Ratio Lower Upper
278 100
139 24.3 16.6 24.8
279 26.8 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 358.14 ng
RT: 16.92 min Scan# 2538
Delta R.T. 0.14 min
Lab File: BF096934.D
Acq: 21 Jul 2017 5:55

Tgt Ion:276 Resp: 2146839
Ion Ratio Lower Upper
276 100
277 26.3 18.6 28.0
138 31.5 25.4 38.0

