

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096747.D
 Acq On : 14 Jul 2017 00:26
 Operator : SJ/JU
 Sample : I4150-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3591

Quant Time: Jul 14 01:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	101162	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	329456	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	131970	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	221367	20.00	ng	0.00
75) Chrysene-d12	13.79	240	135021	20.00	ng	0.02
86) Perylene-d12	15.20	264	89465	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	326785	48.57	ng	0.00
7) Phenol-d6	6.27	99	250552	31.03	ng	0.00
23) Nitrobenzene-d5	7.20	82	480273	90.30	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	131471	116.71	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	794783	95.15	ng	0.00
78) Terphenyl-d14	12.75	244	491975	63.19	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	228	0.07	ng	# 25
3) Pyridine	2.92	79	118	0.02	ng	# 1
4) n-Nitrosodimethylamine	2.83	42	290	0.07	ng	# 1
6) Aniline	6.32	93	505	0.05	ng	# 1
8) 2-Chlorophenol	6.40	128	121	0.02	ng	# 1
9) Benzaldehyde	6.18	77	1801	0.39	ng	81
10) Phenol	6.29	94	2973	0.33	ng	74
11) bis(2-Chloroethyl)ether	6.40	93	1408	0.21	ng	# 1
12) 1,3-Dichlorobenzene	6.80	146	392	0.05	ng	# 1
13) 1,4-Dichlorobenzene	6.80	146	392	0.05	ng	# 1
14) 1,2-Dichlorobenzene	6.80	146	392	0.06	ng	# 1
15) Benzyl Alcohol	6.79	79	9438	1.79	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1763	0.12	ng	# 1
17) 2-Methylphenol	6.92	107	320	0.06	ng	# 1
18) Hexachloroethane	7.19	117	328	0.12	ng	# 1
19) n-Nitroso-di-n-propylamine	7.07	70	13335	2.74	ng	# 74
20) 3+4-Methylphenols	7.06	107	700	0.10	ng	# 7
22) Acetophenone	7.05	105	4781	0.65	ng	# 44
24) Nitrobenzene	7.25	77	2308	0.42	ng	# 34
25) Isophorone	7.45	82	28344	2.86	ng	# 1
26) 2-Nitrophenol	7.56	139	7102	2.32	ng	# 1
27) 2,4-Dimethylphenol	7.58	122	6368	1.27	ng	# 12
28) bis(2-Chloroethoxy)methane	7.69	93	3556	0.53	ng	# 1
29) 2,4-Dichlorophenol	7.77	162	3912	0.86	ng	# 1
30) 1,2,4-Trichlorobenzene	7.88	180	558	0.13	ng	# 60
31) Naphthalene	7.95	128	8488	0.54	ng	# 46
32) Benzoic acid	7.73	122	5374	1.67	ng	# 42
33) 4-Chloroaniline	8.01	127	2351	0.38	ng	# 1
35) Caprolactam	8.37	113	24184	16.57	ng	# 1
36) 4-Chloro-3-methylphenol	8.46	107	2221	0.45	ng	# 18
37) 2-Methylnaphthalene	8.62	142	650	0.07	ng	# 1
42) 2,4,6-Trichlorophenol	8.90	196	332	0.13	ng	# 13
43) 2,4,5-Trichlorophenol	8.95	196	1584	0.60	ng	# 1
45) 1,1'-Biphenyl	9.10	154	2917	0.26	ng	75

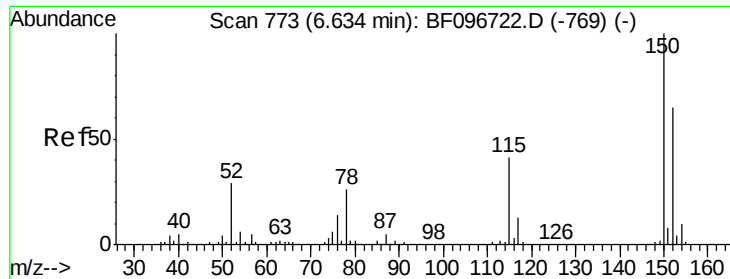
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096747.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.09	162	1453	0.17	nq	# 1
47) 2-Nitroaniline	9.20	65	1145	0.40	nq	# 61
48) Acenaphthylene	9.53	152	5021	0.38	nq	# 25
49) Dimethylphthalate	9.39	163	45316	4.56	nq	# 96
50) 2,6-Dinitrotoluene	9.45	165	1826	0.85	nq	# 70
51) Acenaphthene	9.56	154	793	0.10	nq	# 94
52) 3-Nitroaniline	9.63	138	1429	0.56	nq	# 22
53) 2,4-Dinitrophenol	9.87	184	120	6.84	nq	# 1
54) Dibenzofuran	9.87	168	653	0.06	nq	# 1
55) 4-Nitrophenol	9.79	139	786	0.42	nq	# 1
56) 2,4-Dinitrotoluene	9.89	165	827	0.30	nq	# 66
57) Fluorene	10.21	166	1554	0.19	nq	# 11
58) 2,3,4,6-Tetrachlorophenol	10.11	232	119	0.06	nq	# 1
59) Diethylphthalate	10.09	149	1539	0.16	nq	# 1
60) 4-Chlorophenyl-phenylether	10.22	204	1046	Below Cal	#	1
61) 4-Nitroaniline	10.25	138	971	0.41	nq	# 39
62) Azobenzene	10.38	77	850	0.10	nq	# 23
64) 4,6-Dinitro-2-methylphenol	10.28	198	247	0.18	nq	# 1
65) n-Nitrosodiphenylamine	10.59	169	8922	1.13	nq	# 89
66) 4-Bromophenyl-phenylether	10.86	248	299	0.13	nq	# 1
68) Atrazine	10.86	200	290	0.13	nq	# 1
69) Pentachlorophenol	10.80	266	126	0.10	nq	# 18
70) Phenanthrene	11.17	178	3565	0.30	nq	# 1
71) Anthracene	11.22	178	1666	0.14	nq	# 1
72) Carbazole	11.36	167	961	0.08	nq	# 1
73) Di-n-butylphthalate	11.72	149	5569	0.38	nq	# 65
74) Fluoranthene	12.59	202	21911	1.90	nq	# 79
76) Benzidine	12.52	184	442	0.10	nq	# 1
77) Pvrene	12.59	202	20967	1.71	nq	# 88
79) Butylbenzylphthalate	13.22	149	1857	0.64	nq	# 10
80) Benzo(a)anthracene	13.79	228	6033	0.72	nq	# 1
81) 3,3'-Dichlorobenzidine	13.72	252	1549	0.51	nq	# 1
82) Chrysene	13.80	228	11101	1.34	nq	# 1
83) Bis(2-ethylhexyl)phthalate	13.79	149	7431	1.05	nq	# 47
84) Di-n-octyl phthalate	14.42	149	8915	0.76	nq	# 70
85) Indeno(1,2,3-cd)pyrene	16.47	276	266	3.36	nq	# 1
87) Benzo(b)fluoranthene	14.80	252	5131	0.95	nq	# 1
88) Benzo(k)fluoranthene	14.86	252	1268	0.25	nq	# 1
89) Benzo(a)pyrene	15.14	252	3876	0.78	nq	# 1
90) Dibenzo(a,h)anthracene	16.50	278	208	0.05	nq	# 1
91) Benzo(g,h,i)perylene	16.92	276	4434	0.91	nq	# 1

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

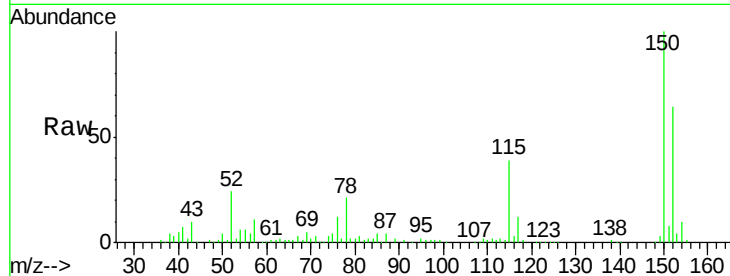


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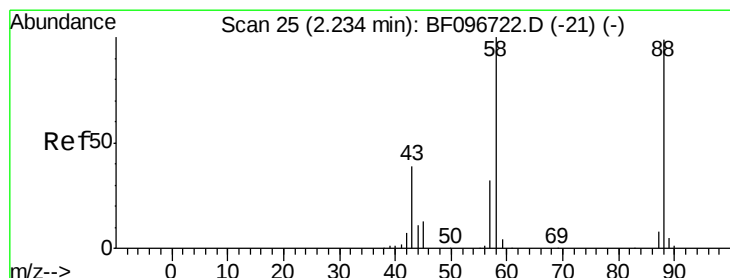
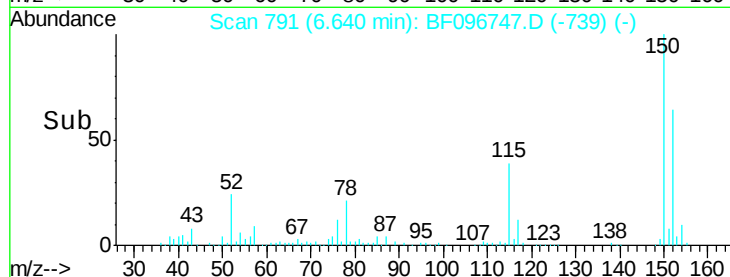
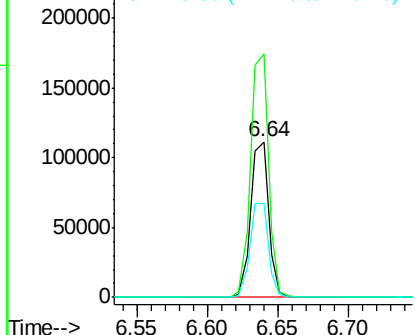
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Instrument :
BNA_F
ClientSampleId :
A3591

Tot Ion:152 Resp: 101162
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 60.4 52.2 78.2



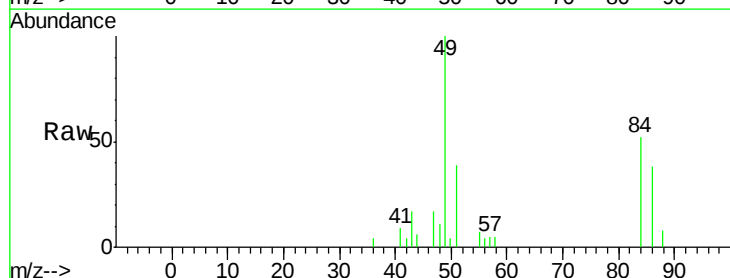
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



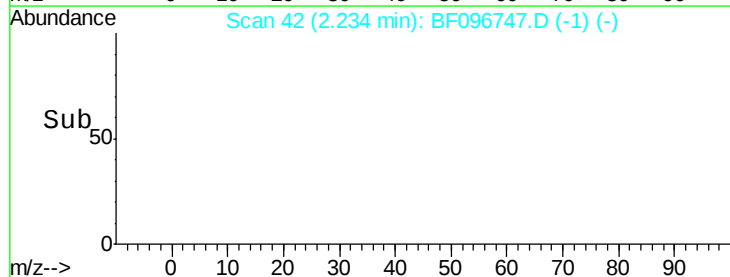
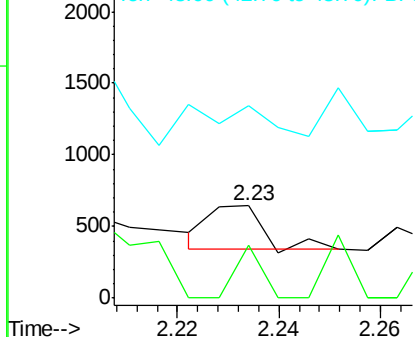
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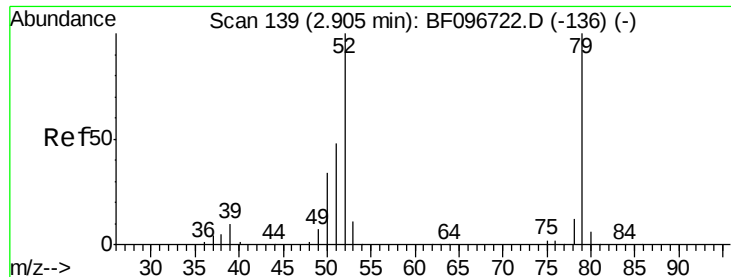
1,4-Dioxane
Concen: 0.07 ng
RT: 2.23 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
58 56.6 61.4 92.0#
43 141.7 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: 0.02 ng

RT: 2.92 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

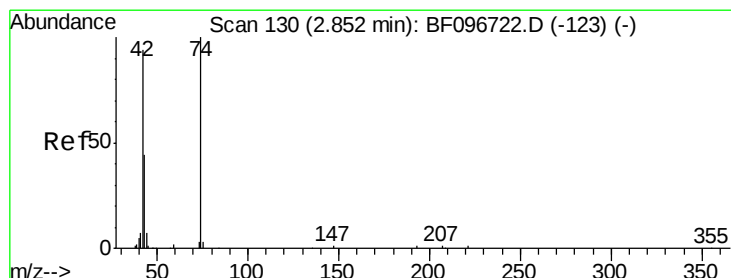
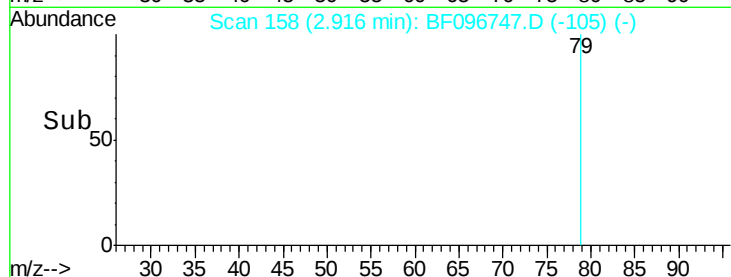
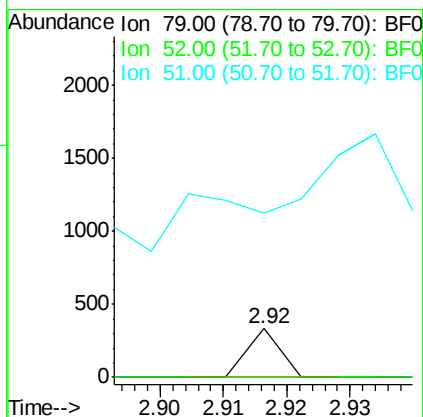
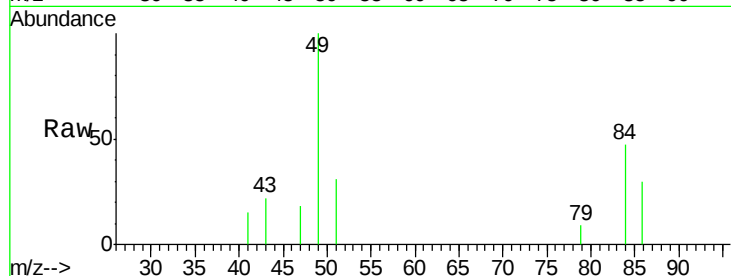
Tot Ion: 79 Resp: 118

Ion Ratio Lower Upper

79 100

52 0.0 54.8 82.2#

51 336.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 2.83 min Scan# 143

Delta R.T. -0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

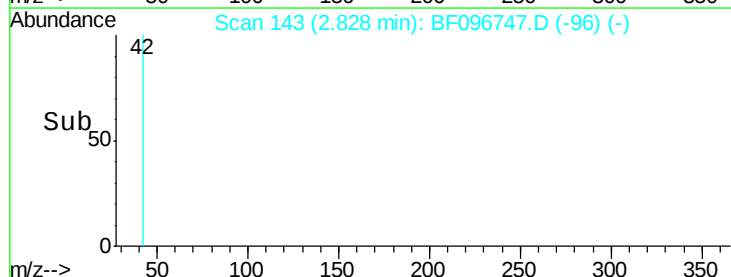
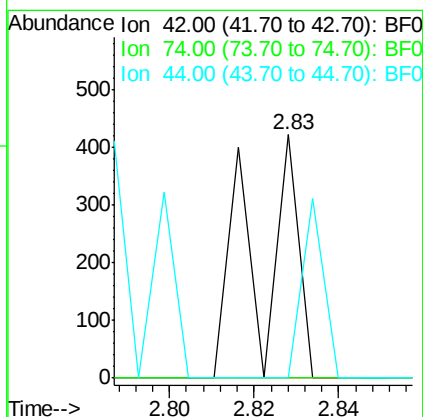
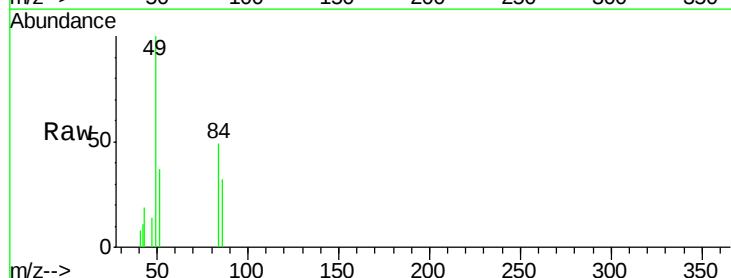
Tgt Ion: 42 Resp: 290

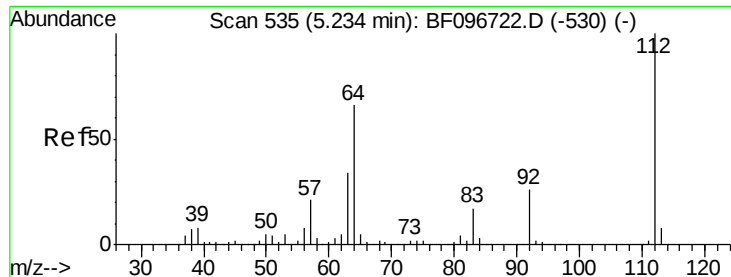
Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

44 0.0 5.7 8.5#





#5

2-Fluorophenol

Concen: 48.57 ng

RT: 5.24 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

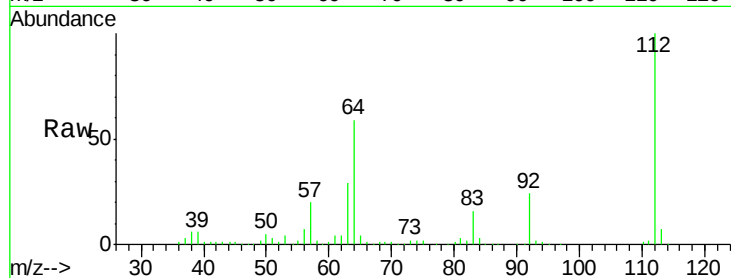
Tot Ion:112 Resp: 326785

Ion Ratio Lower Upper

112 100

64 59.2 46.0 69.0

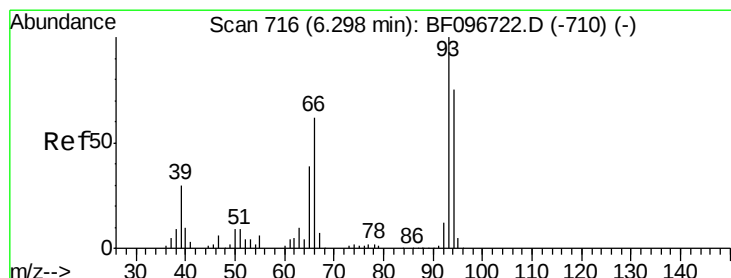
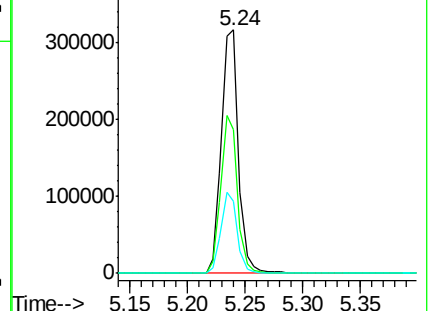
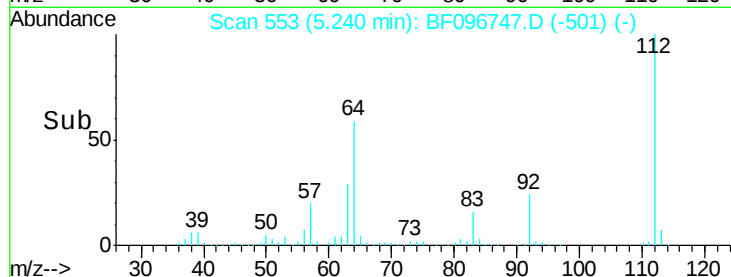
63 29.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.05 ng

RT: 6.32 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

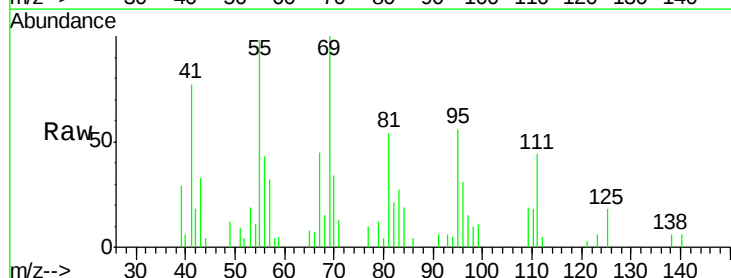
Tgt Ion: 93 Resp: 505

Ion Ratio Lower Upper

93 100

66 106.5 32.9 49.3#

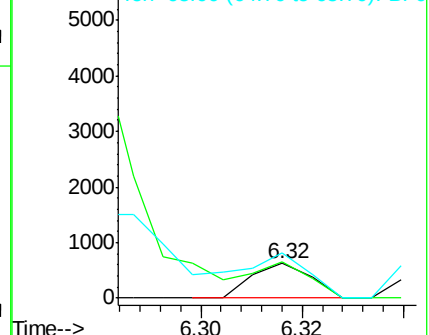
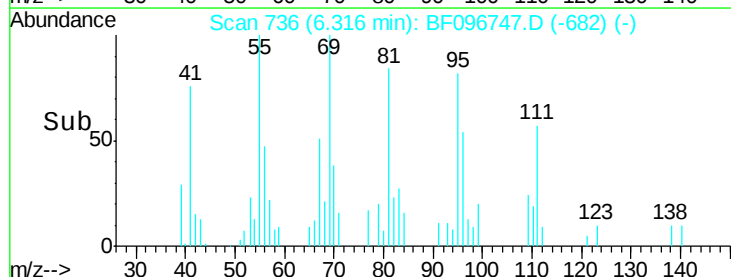
65 131.2 16.0 24.0#

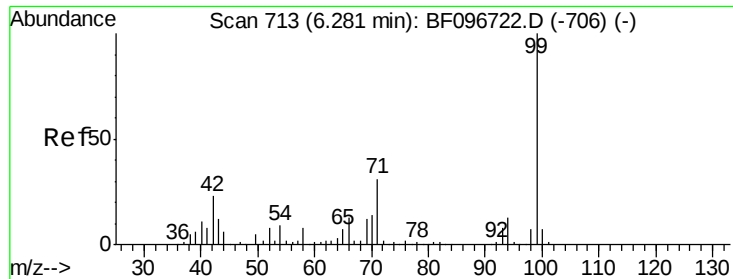


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 31.03 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

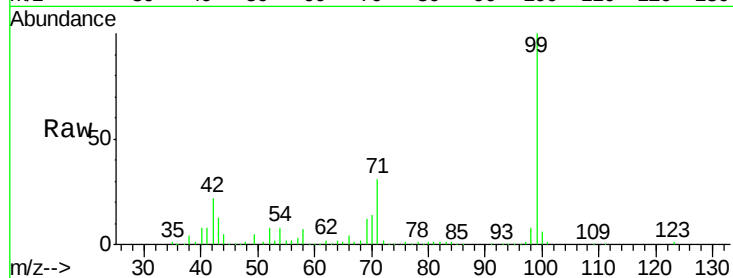
Tot Ion: 99 Resp: 250552

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

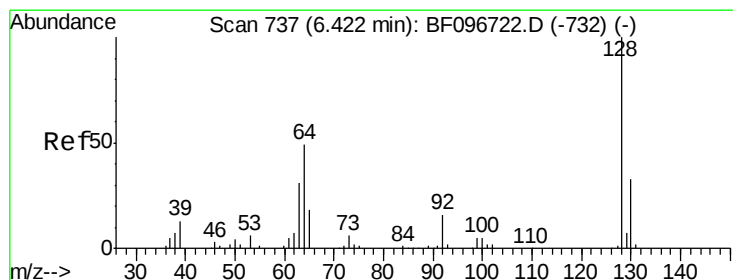
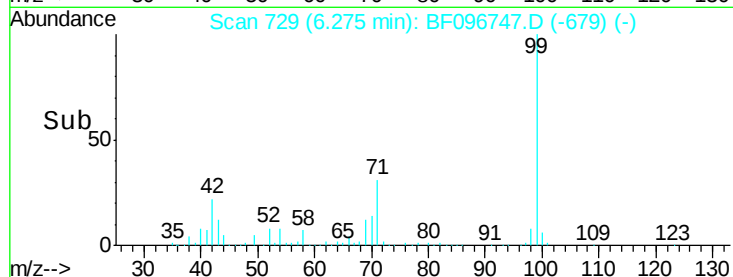
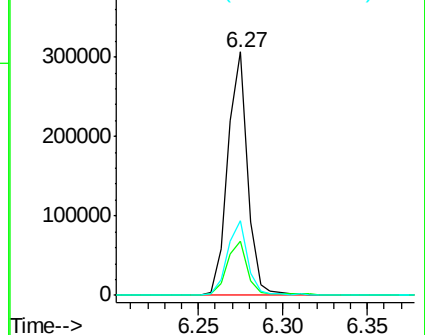
71 30.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.02 ng

RT: 6.40 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

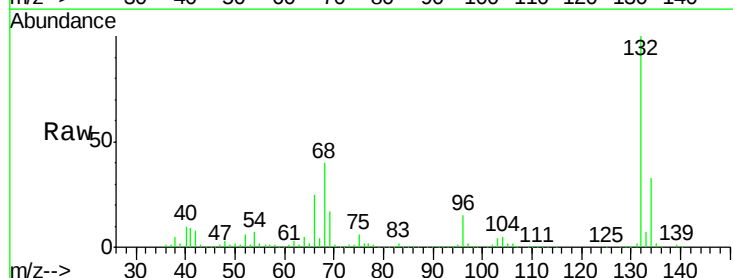
Tgt Ion: 128 Resp: 121

Ion Ratio Lower Upper

128 100

130 176.9 12.9 52.9#

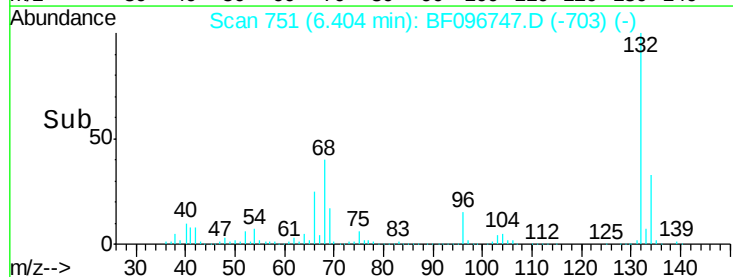
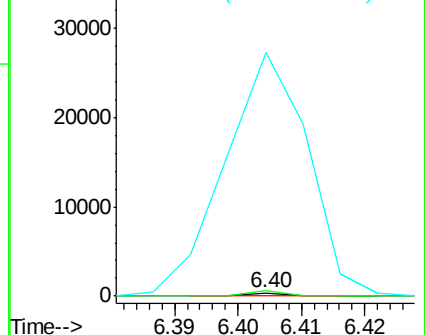
64 7983.6 28.4 68.4#

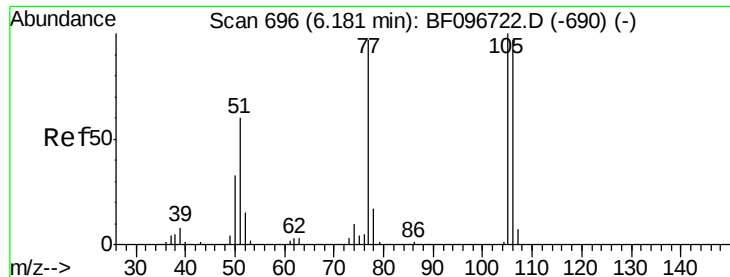


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.39 ng

RT: 6.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampled :

A3591

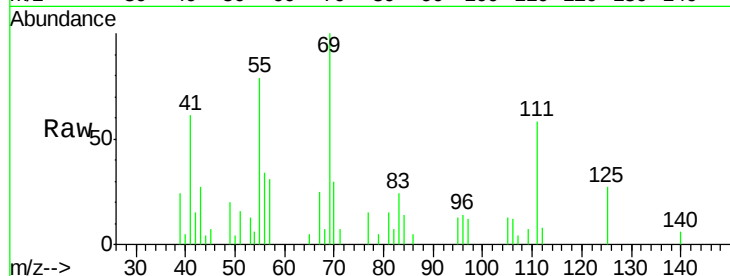
Tot Ion: 77 Resp: 1801

Ion Ratio Lower Upper

77 100

105 84.3 83.8 123.8

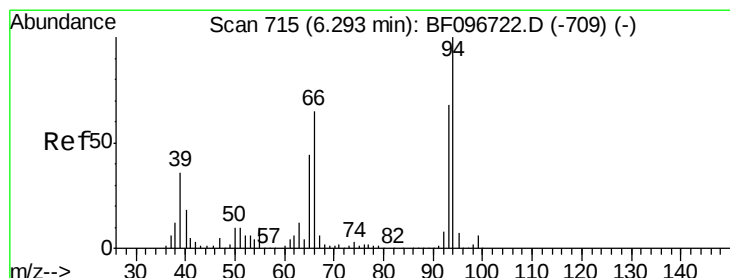
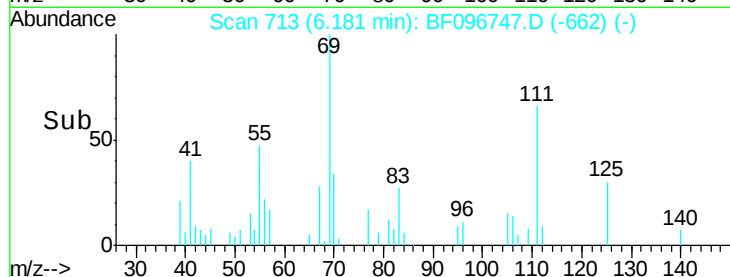
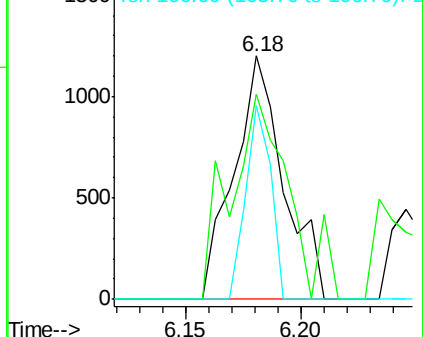
106 79.4 79.1 119.1



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: 0.33 ng

RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

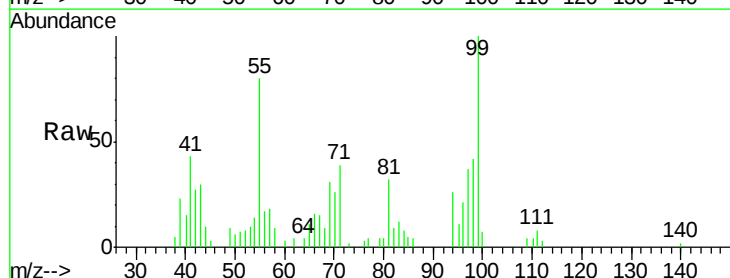
Tgt Ion: 94 Resp: 2973

Ion Ratio Lower Upper

94 100

65 41.8 9.9 49.9

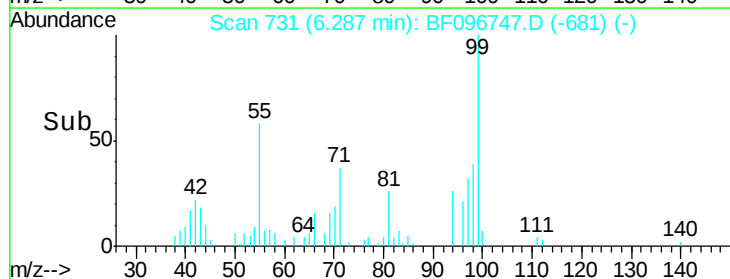
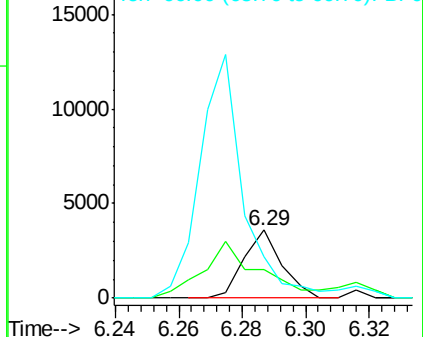
66 61.0 23.1 63.1

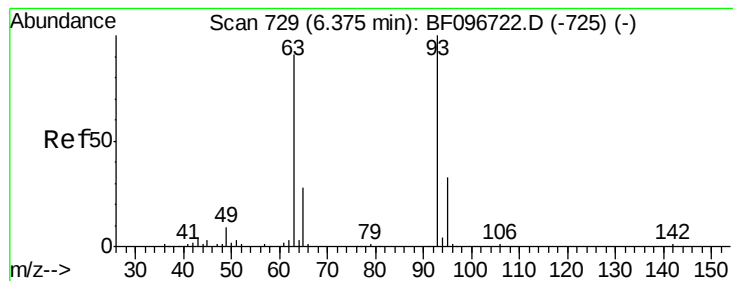


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

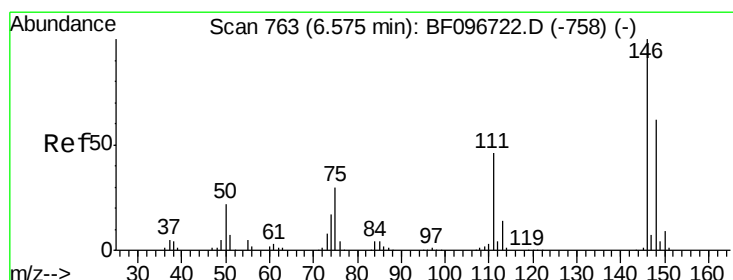
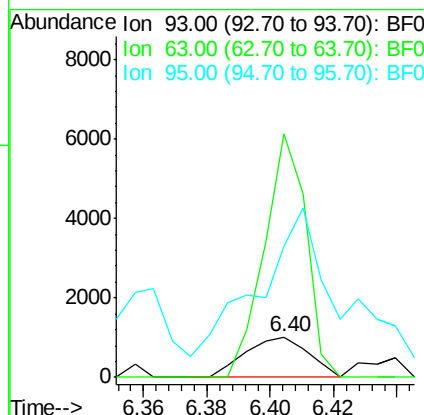
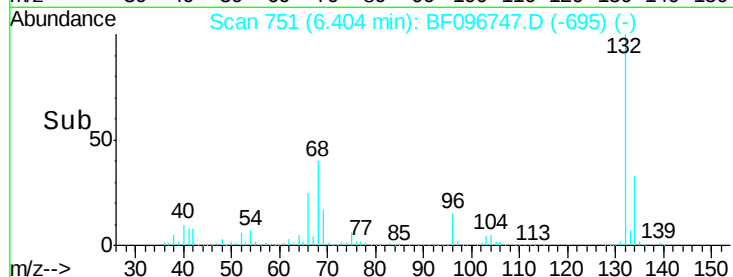
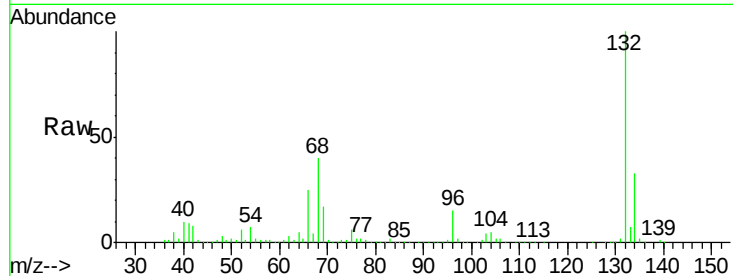




#11
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 6.40 min Scan# 751
Delta R.T. 0.03 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

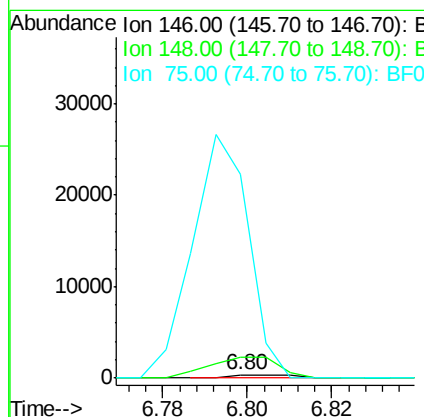
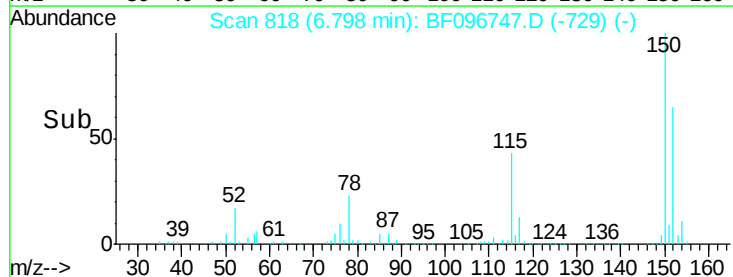
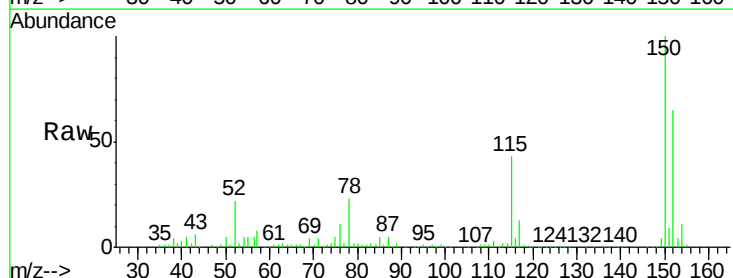
Instrument :
BNA_F
ClientSampleId :
A3591

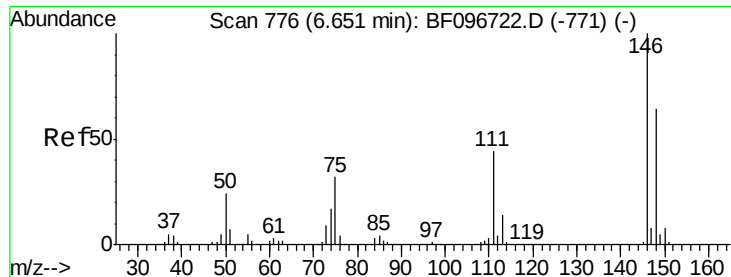
Tot Ion: 93 Resp: 1408
Ion Ratio Lower Upper
93 100
63 598.3 59.2 99.2#
95 322.2 12.8 52.8#



#12
1,3-Dichlorobenzene
Concen: 0.05 ng
RT: 6.80 min Scan# 818
Delta R.T. 0.22 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion: 146 Resp: 392
Ion Ratio Lower Upper
146 100
148 600.5 51.8 77.6#
75 5765.4 23.1 34.7#

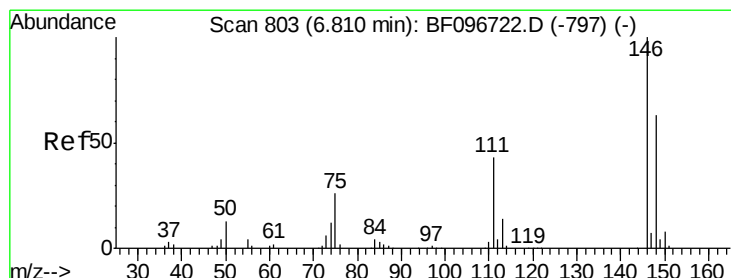
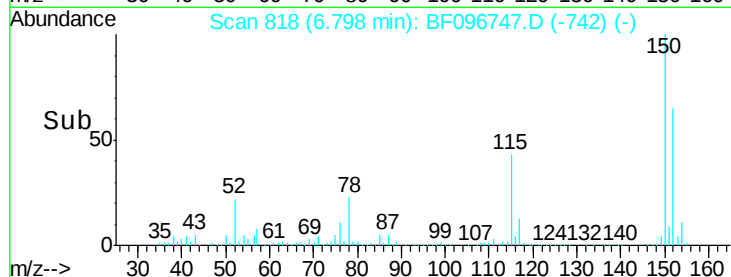
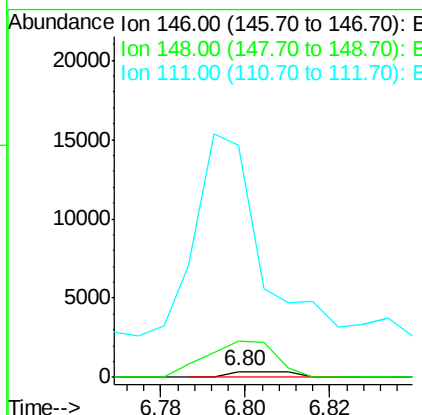
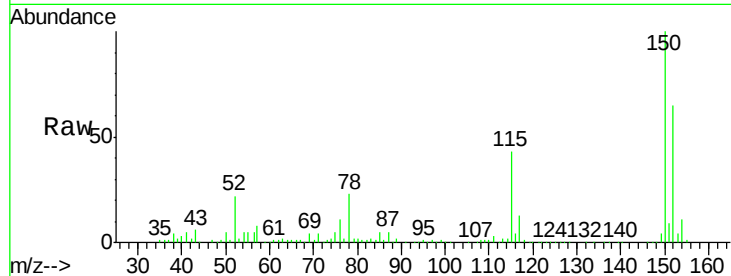




#13
 1,4-Dichlorobenzene
 Concen: 0.05 ng
 RT: 6.80 min Scan# 818
 Delta R.T. 0.15 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

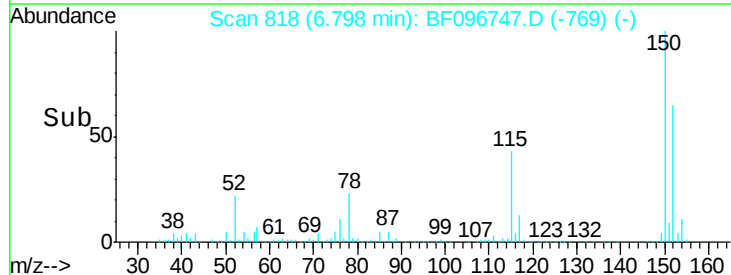
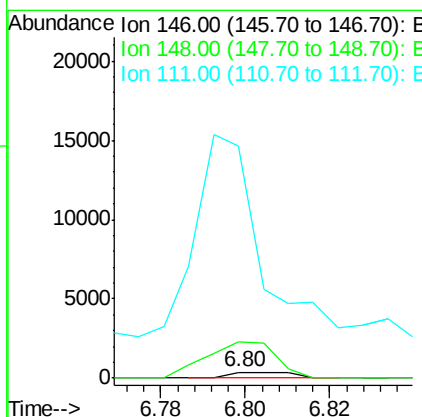
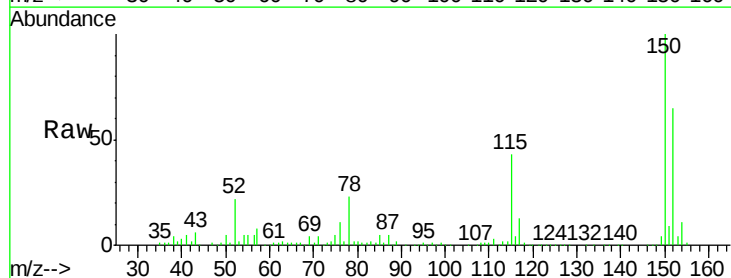
Instrument :
 BNA_F
 ClientSampleId :
 A3591

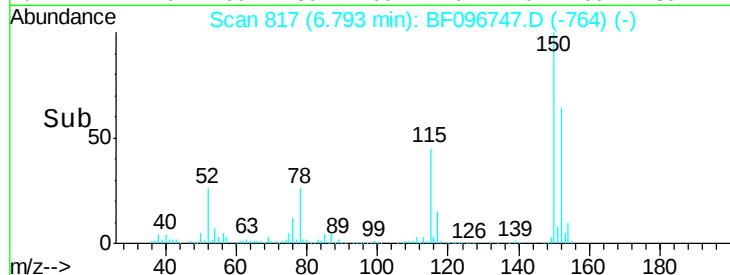
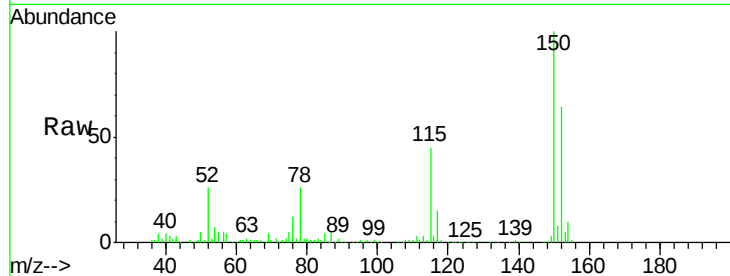
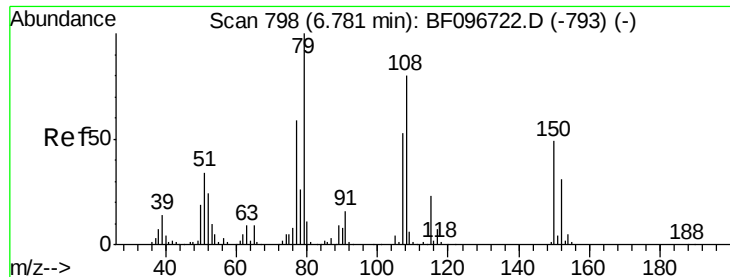
Tot Ion:146 Resp: 392
 Ion Ratio Lower Upper
 146 100
 148 600.5 52.2 78.2#
 111 3788.4 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 0.06 ng
 RT: 6.80 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:146 Resp: 392
 Ion Ratio Lower Upper
 146 100
 148 600.5 50.4 75.6#
 111 3788.4 38.2 57.4#





#15

Benzyl Alcohol

Concen: 1.79 ng

RT: 6.79 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampled :

A3591

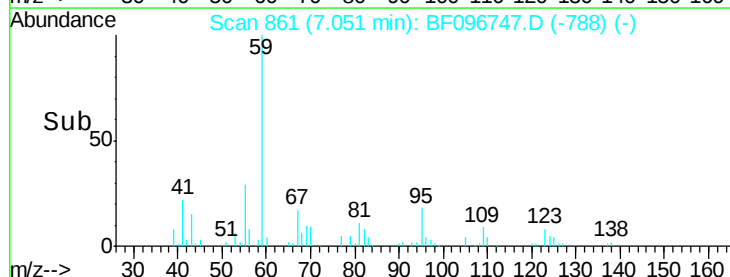
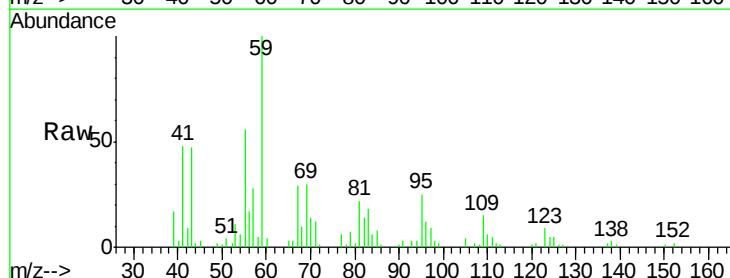
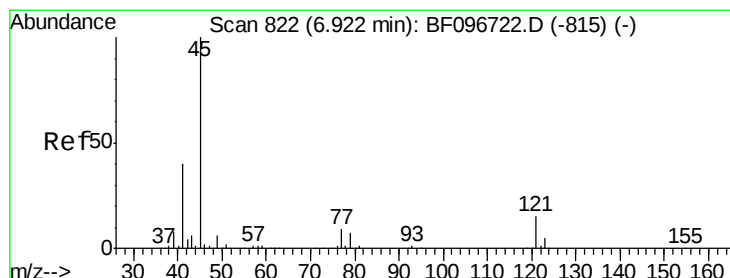
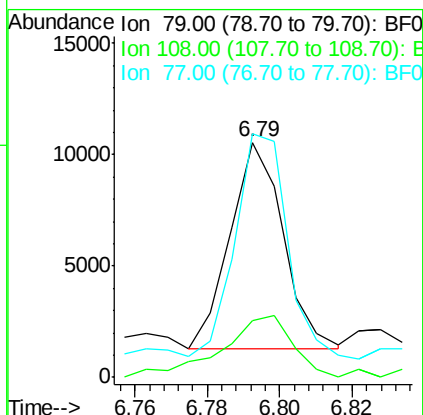
Tot Ion: 79 Resp: 9438

Ion Ratio Lower Upper

79 100

108 24.1 63.4 95.0#

77 103.7 49.2 73.8#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.12 ng

RT: 7.05 min Scan# 861

Delta R.T. 0.13 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

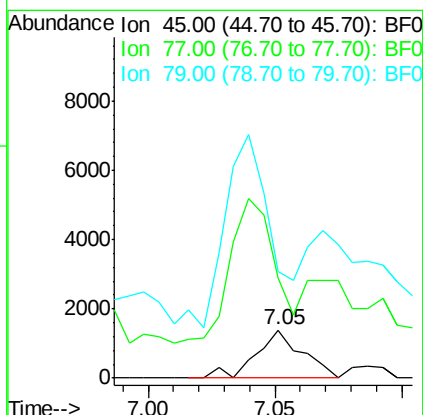
Tgt Ion: 45 Resp: 1763

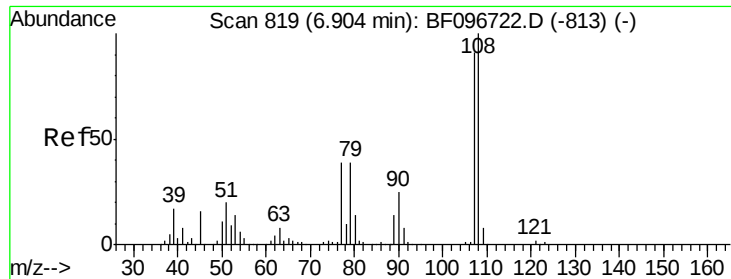
Ion Ratio Lower Upper

45 100

77 208.1 0.0 33.2#

79 222.0 0.0 30.0#

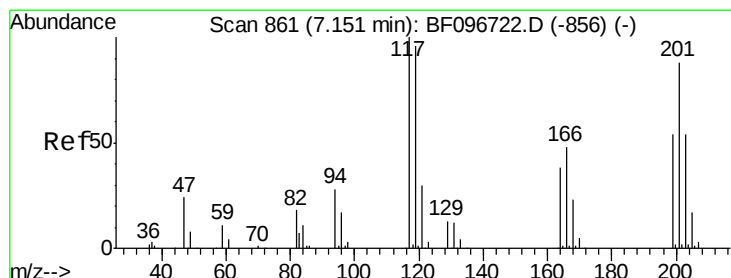
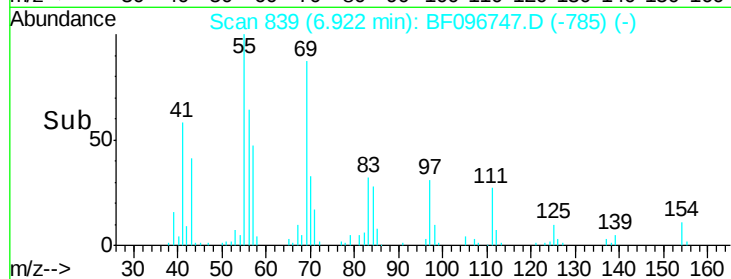
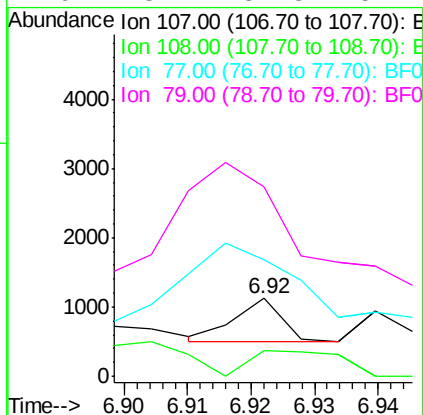
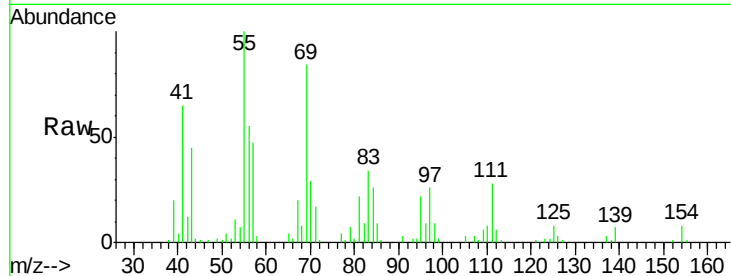




#17
2-Methylphenol
Concen: 0.06 ng
RT: 6.92 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

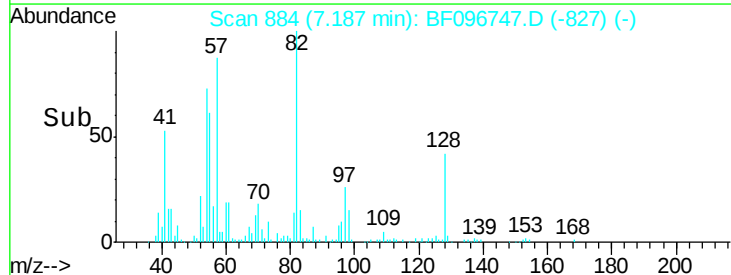
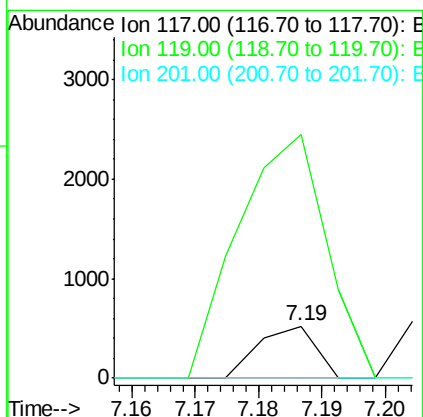
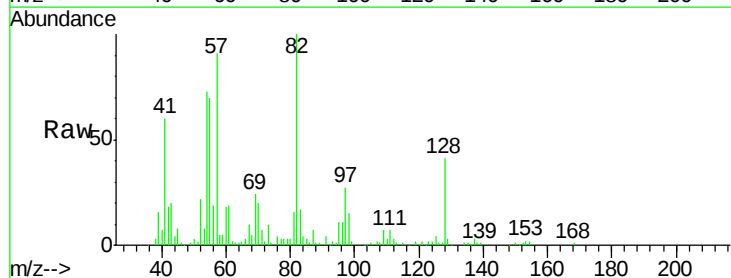
Instrument :
BNA_F
ClientSampleId :
A3591

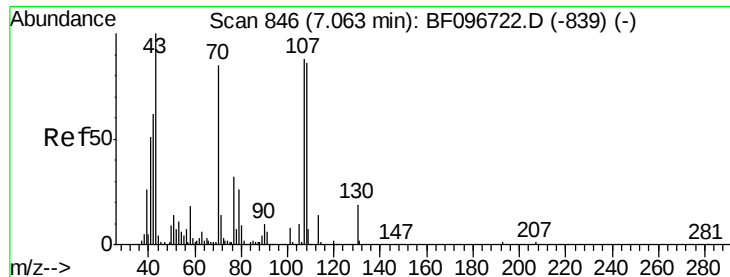
Tot Ion:107 Resp: 320
Ion Ratio Lower Upper
107 100
108 33.4 93.4 140.0#
77 149.5 35.8 53.6#
79 243.7 34.8 52.2#



#18
Hexachloroethane
Concen: 0.12 ng
RT: 7.19 min Scan# 884
Delta R.T. 0.04 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:117 Resp: 328
Ion Ratio Lower Upper
117 100
119 466.3 77.4 116.0#
201 0.0 94.6 141.8#

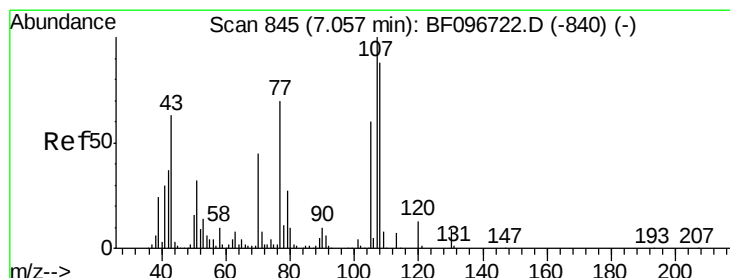
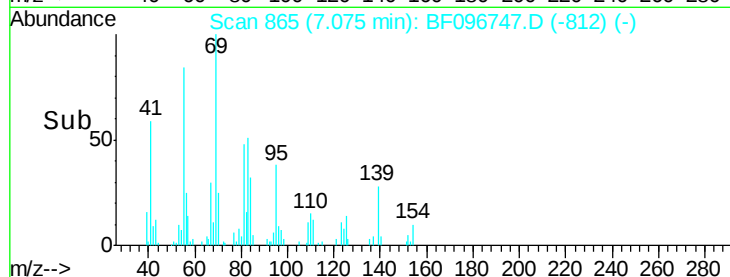
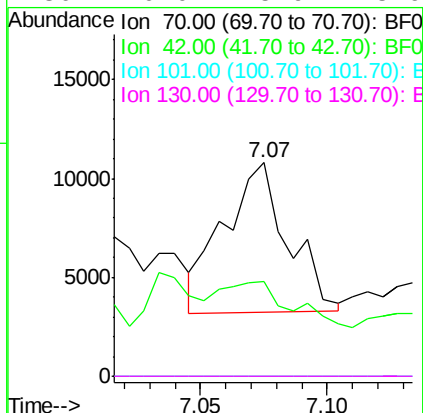
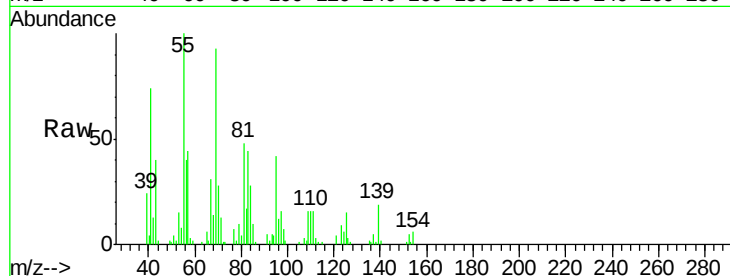




#19
n-Nitroso-di-n-propylamine
Concen: 2.74 ng
RT: 7.07 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

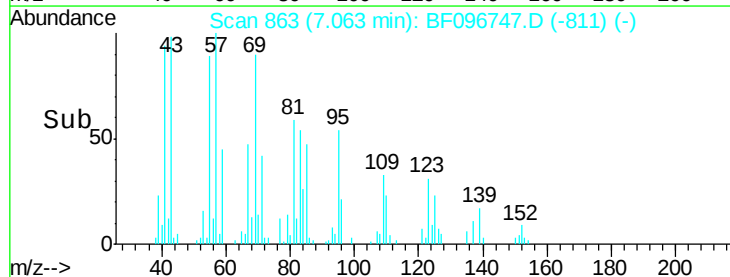
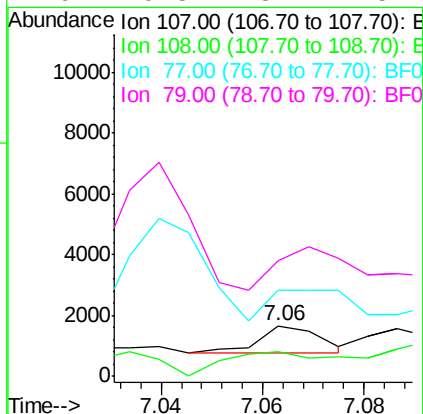
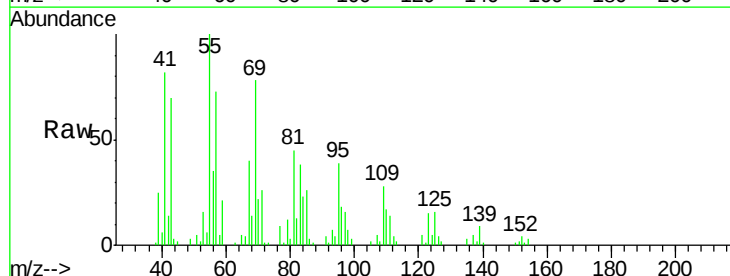
Instrument :
BNA_F
ClientSampleId :
A3591

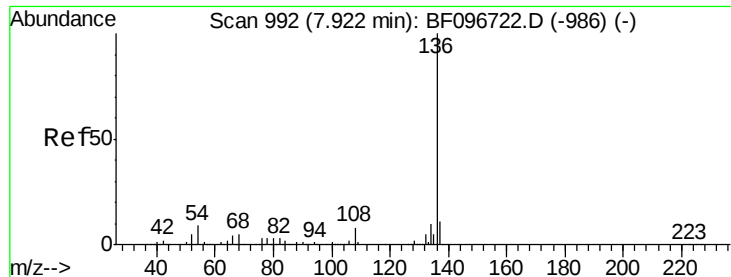
Tot Ion:	70	Resp:	13335
Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



#20
3+4-Methylphenols
Concen: 0.10 ng
RT: 7.06 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:	107	Resp:	700
Ion	Ratio	Lower	Upper
107	100		
108	47.3	71.0	111.0#
77	171.1	90.5	130.5#
79	229.8	8.4	48.4#

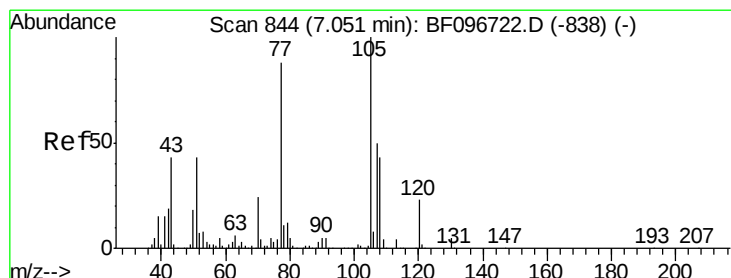
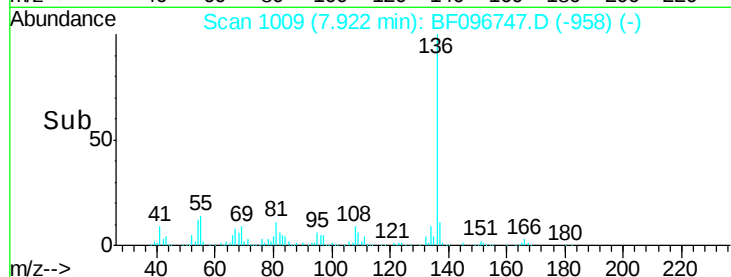
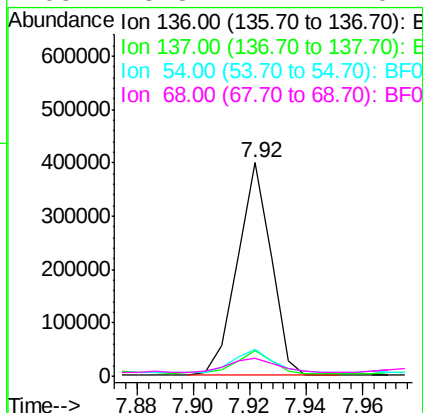
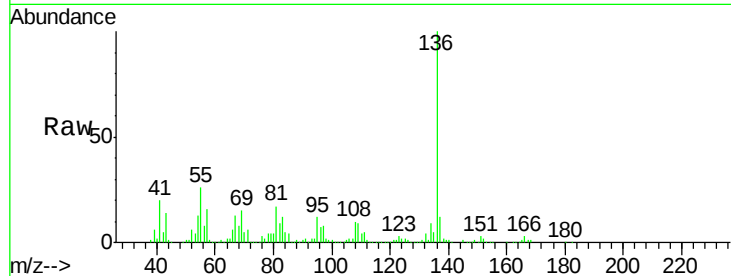




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

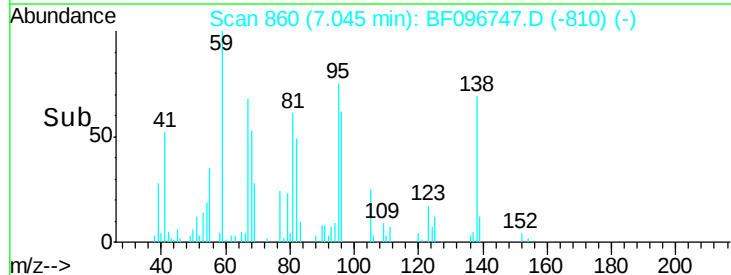
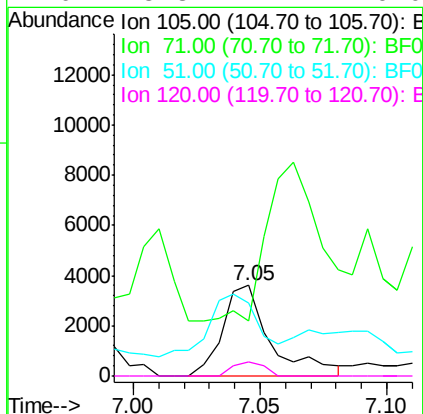
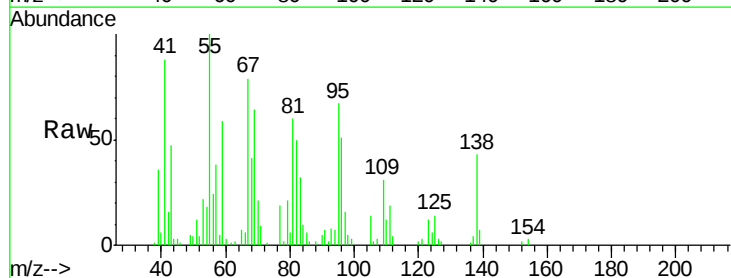
Instrument :
BNA_F
ClientSampleId :
A3591

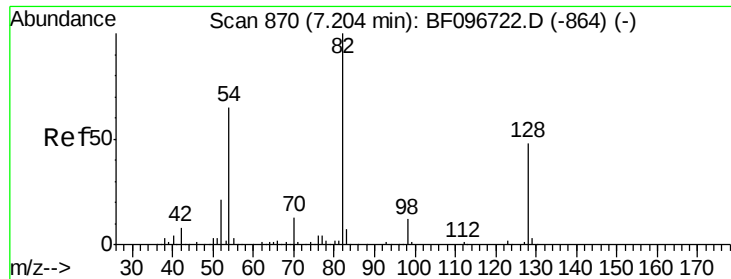
Tot Ion:136	Resp:	329456
Ion Ratio	Lower	Upper
136	100	
137	12.3	8.5 12.7
54	12.8	4.9 7.3#
68	8.3	4.1 6.1#



#22
Acetophenone
Concen: 0.65 ng
RT: 7.05 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:105	Resp:	4781
Ion Ratio	Lower	Upper
105	100	
71	60.5	2.8 4.2#
51	80.7	30.7 46.1#
120	15.3	17.4 26.0#

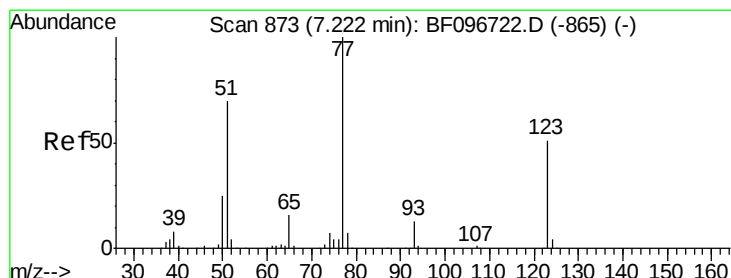
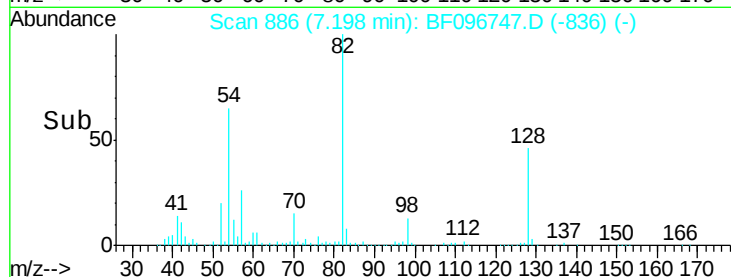
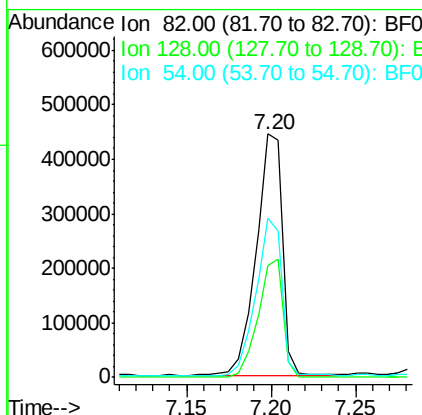
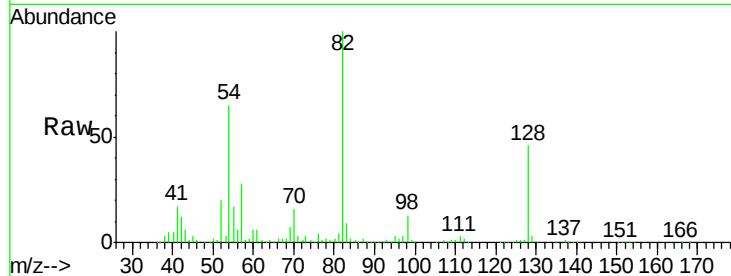




#23
Nitrobenzene-d5
Concen: 90.30 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

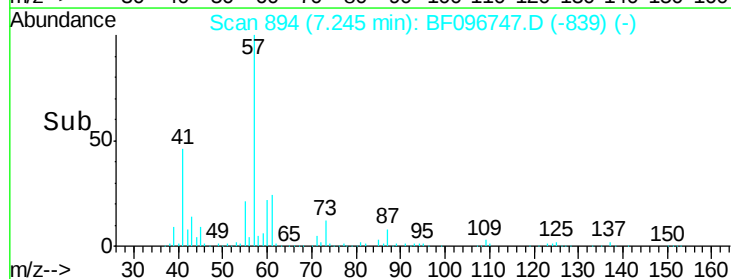
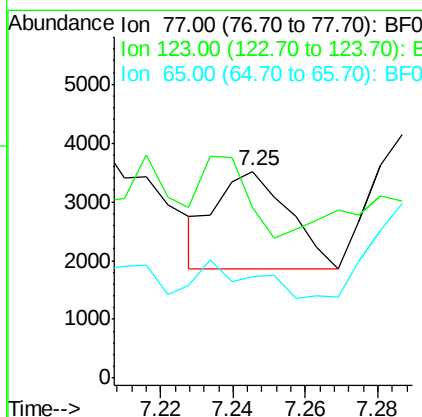
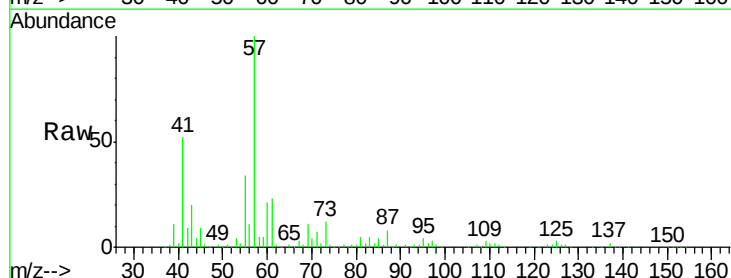
Instrument :
BNA_F
ClientSampleId :
A3591

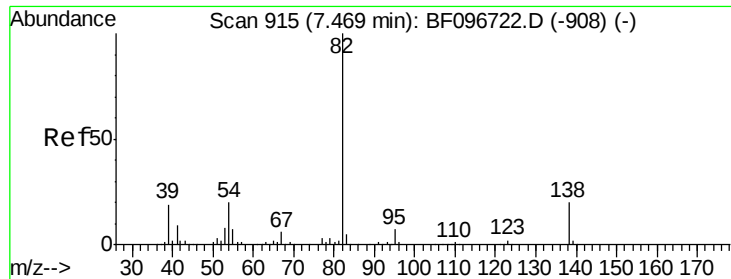
Tot Ion: 82 Resp: 480273
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 65.3 42.2 63.2#



#24
Nitrobenzene
Concen: 0.42 ng
RT: 7.25 min Scan# 894
Delta R.T. 0.02 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion: 77 Resp: 2308
Ion Ratio Lower Upper
77 100
123 82.8 35.8 53.8#
65 49.3 10.6 15.8#





#25

Isophorone

Concen: 2.86 ng

RT: 7.45 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampled :

A3591

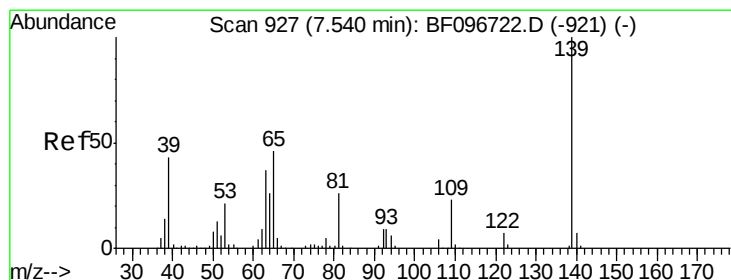
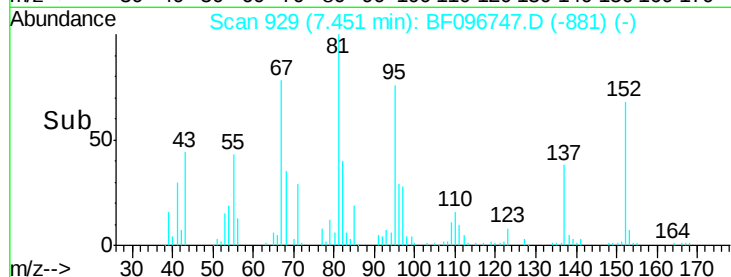
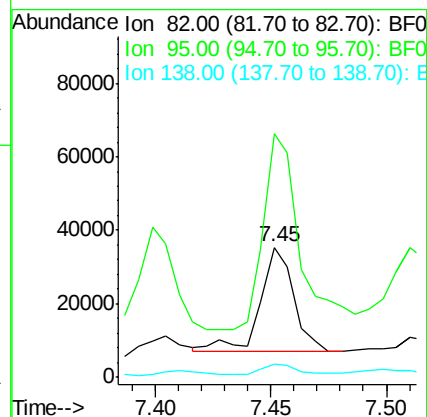
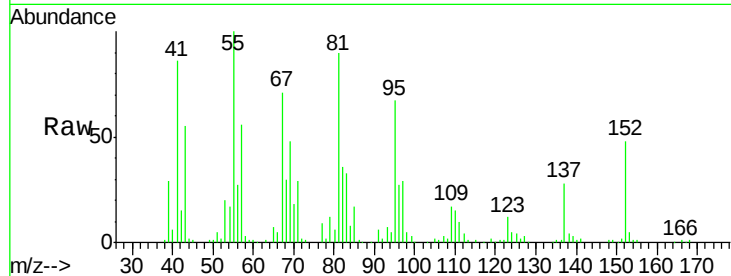
Tot Ion: 82 Resp: 28344

Ion Ratio Lower Upper

82 100

95 187.3 5.3 7.9#

138 10.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 2.32 ng

RT: 7.56 min Scan# 947

Delta R.T. 0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

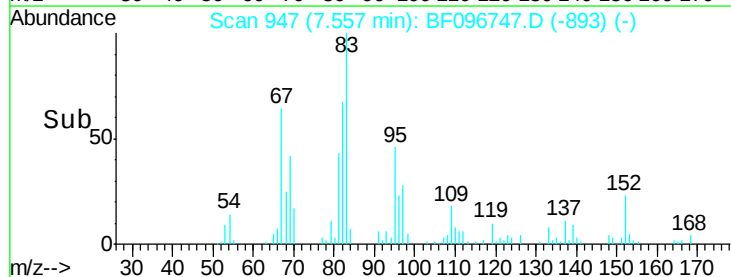
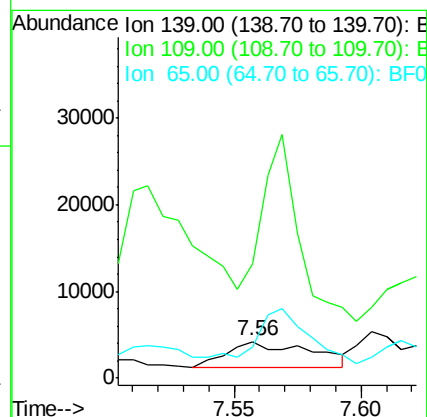
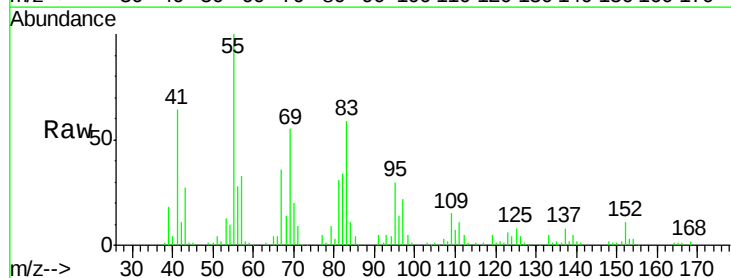
Tgt Ion: 139 Resp: 7102

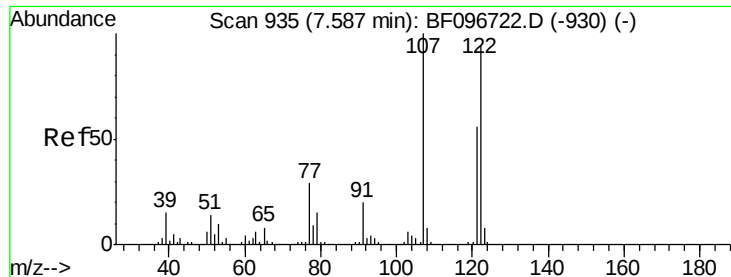
Ion Ratio Lower Upper

139 100

109 312.7 21.0 31.6#

65 85.5 33.0 49.6#

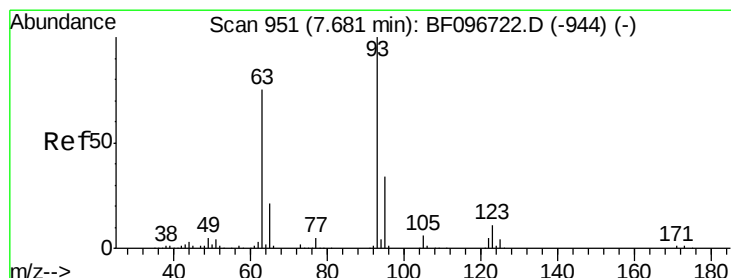
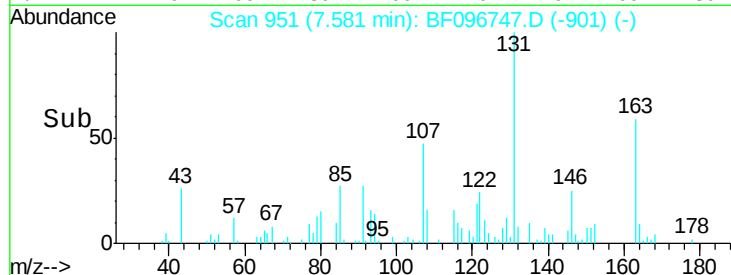
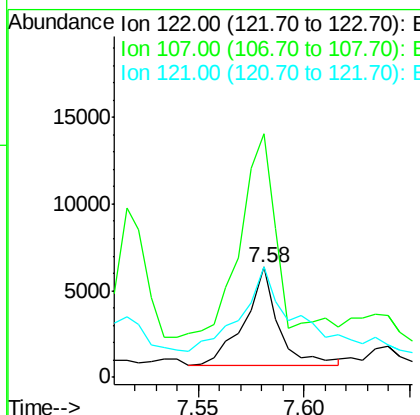
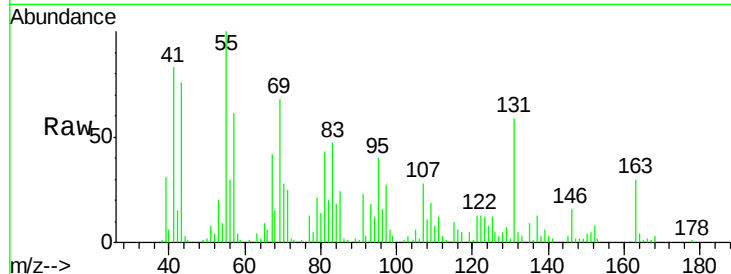




#27
 2,4-Dimethylphenol
 Concen: 1.27 ng
 RT: 7.58 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

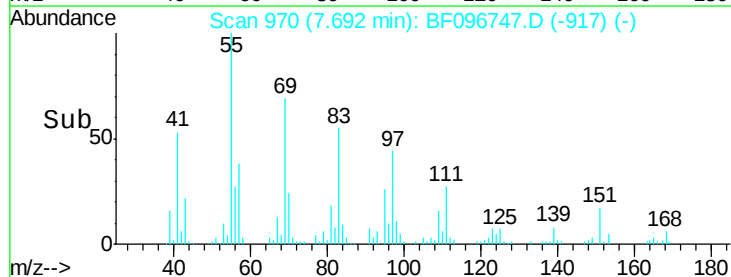
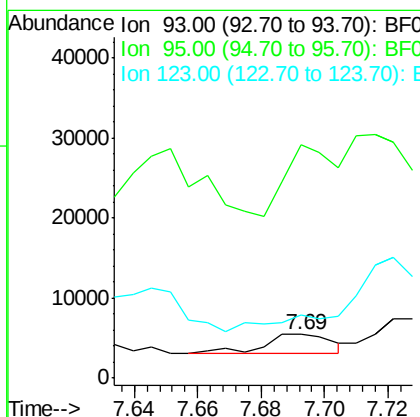
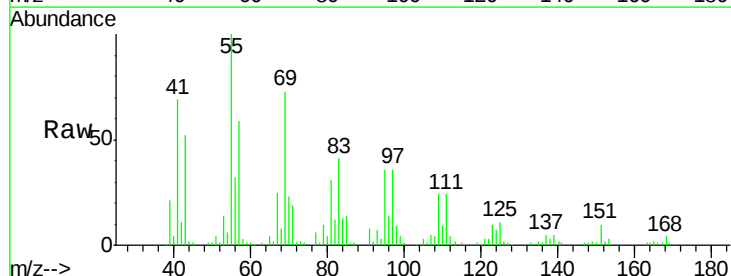
Instrument :
 BNA_F
 ClientSampled :
 A3591

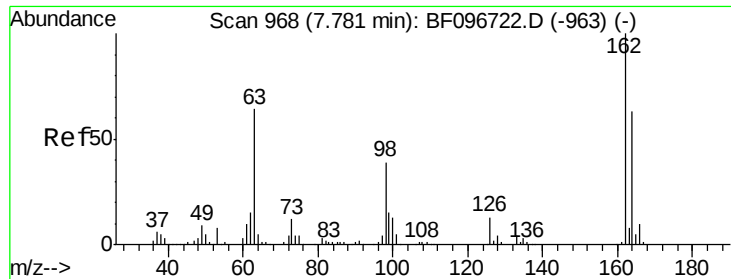
Tot Ion:122 Resp: 6368
 Ion Ratio Lower Upper
 122 100
 107 221.2 89.2 133.8#
 121 100.3 45.2 67.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.53 ng
 RT: 7.69 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion: 93 Resp: 3556
 Ion Ratio Lower Upper
 93 100
 95 536.0 26.5 39.7#
 123 144.9 9.0 13.4#

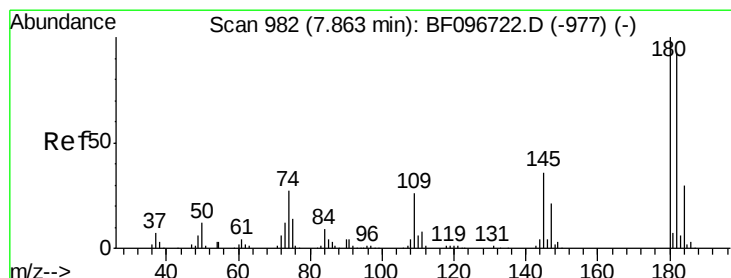
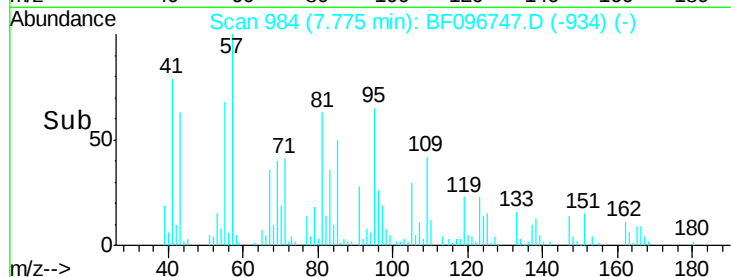
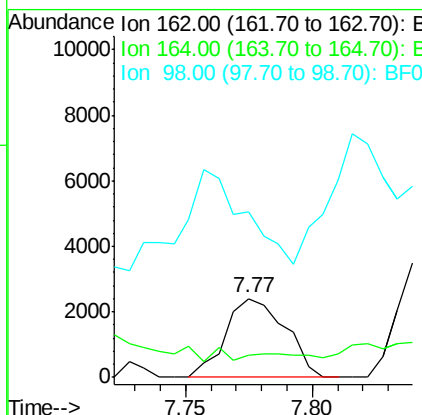
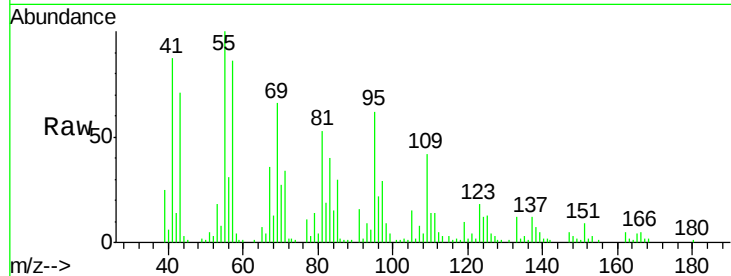




#29
2,4-Dichlorophenol
Concen: 0.86 ng
RT: 7.77 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

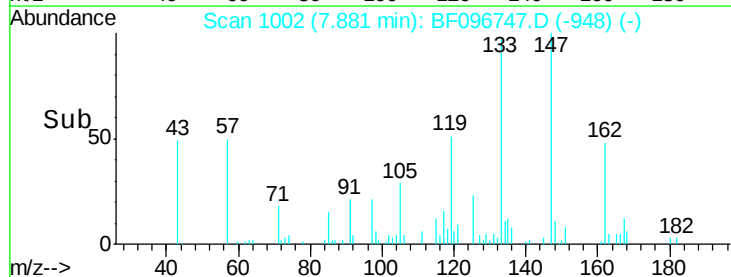
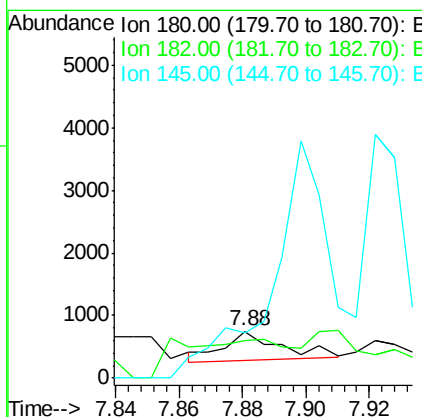
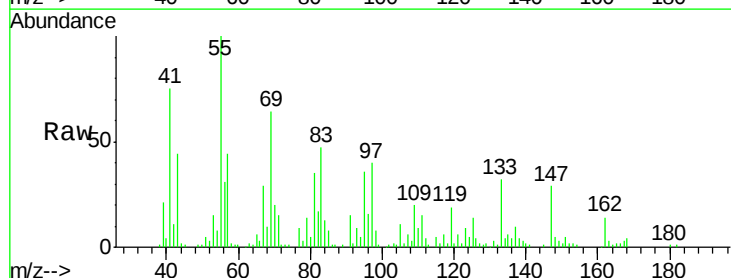
Instrument :
BNA_F
ClientSampleId :
A3591

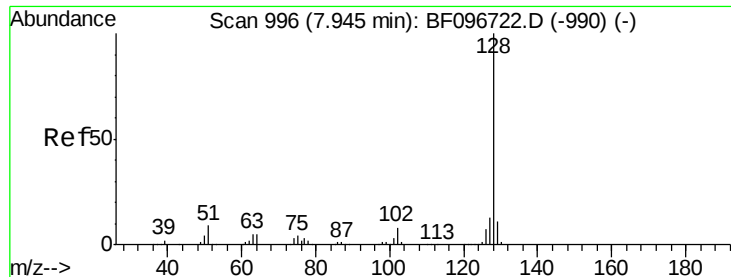
Tot Ion:162 Resp: 3912
Ion Ratio Lower Upper
162 100
164 27.5 44.6 84.6#
98 210.3 14.8 54.8#



#30
1,2,4-Trichlorobenzene
Concen: 0.13 ng
RT: 7.88 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:180 Resp: 558
Ion Ratio Lower Upper
180 100
182 80.9 75.8 113.6
145 96.3 25.3 37.9#

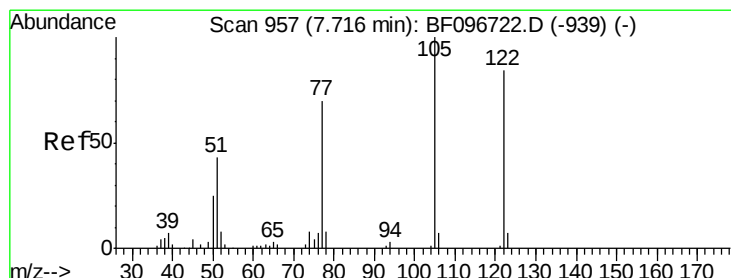
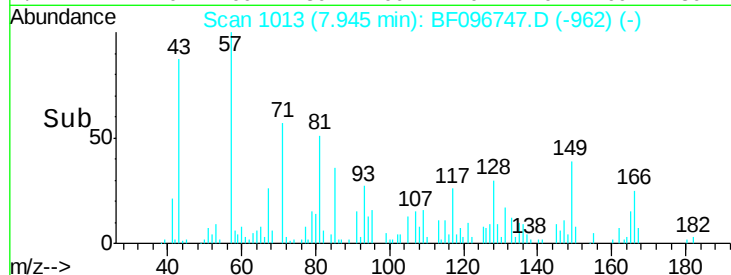
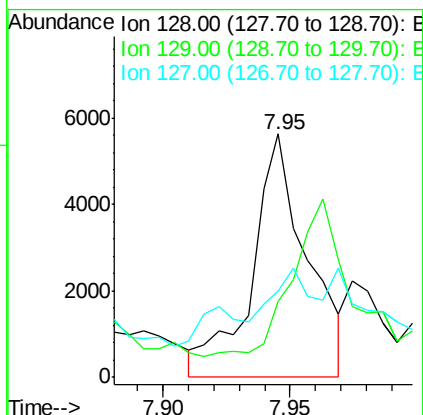
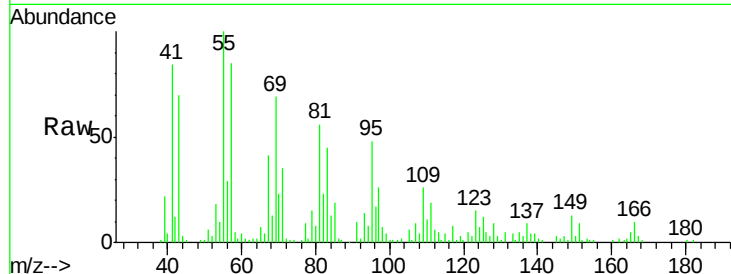




#31
Naphthalene
Concen: 0.54 ng
RT: 7.95 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

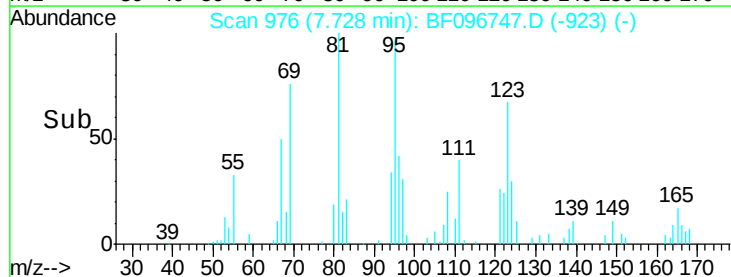
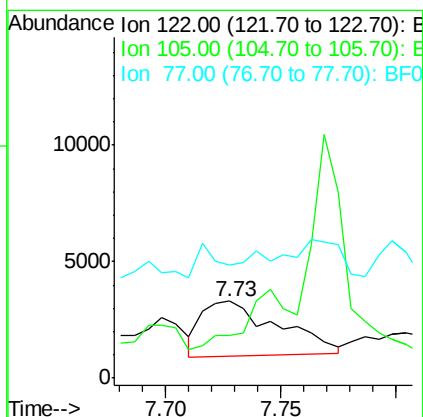
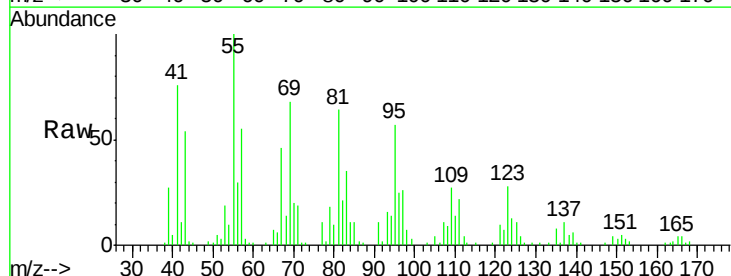
Instrument :
BNA_F
ClientSampleId :
A3591

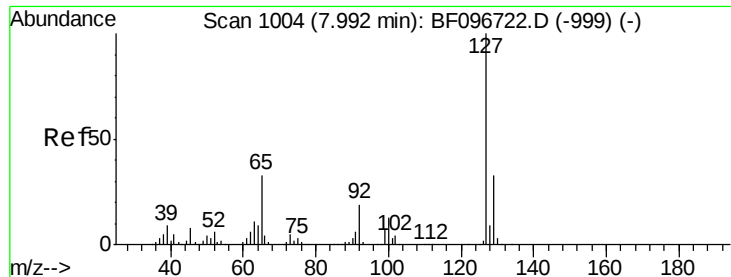
Tot Ion:128 Resp: 8488
Ion Ratio Lower Upper
128 100
129 31.4 9.0 13.6#
127 35.4 10.8 16.2#



#32
Benzoic acid
Concen: 1.67 ng
RT: 7.73 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:122 Resp: 5374
Ion Ratio Lower Upper
122 100
105 55.6 103.3 143.3#
77 146.9 73.7 113.7#

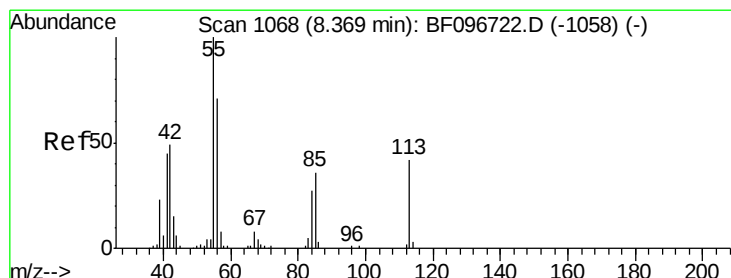
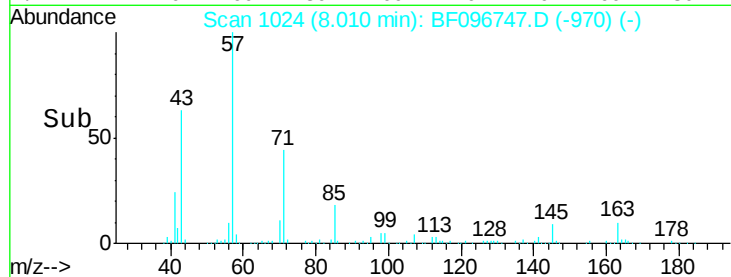
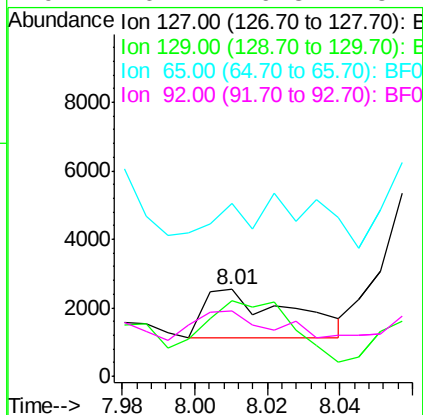
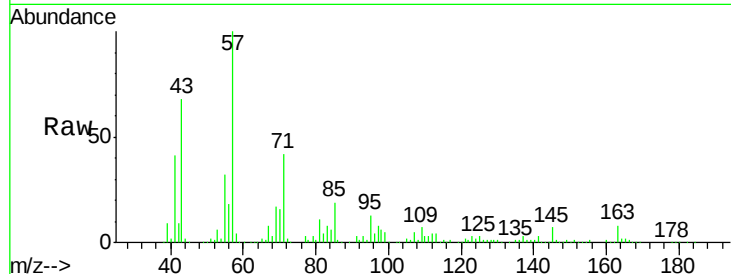




#33
4-Chloroaniline
Concen: 0.38 ng
RT: 8.01 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

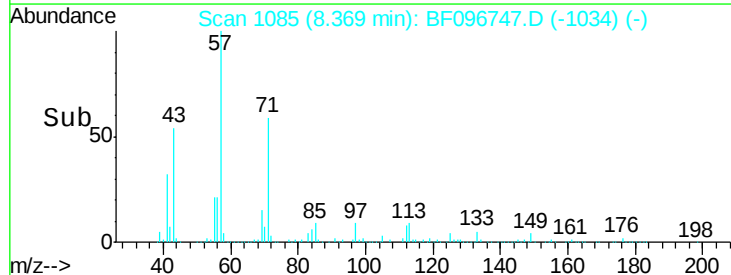
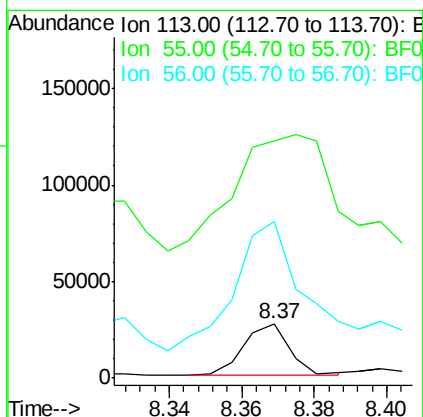
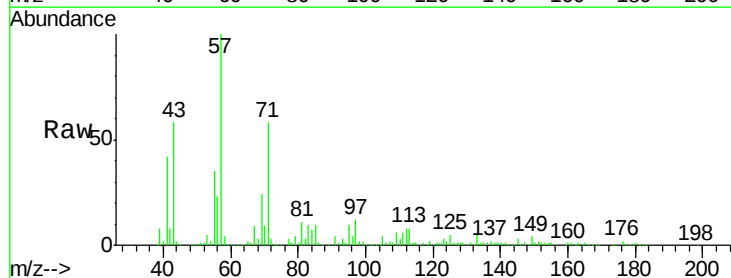
Instrument :
BNA_F
ClientSampleId :
A3591

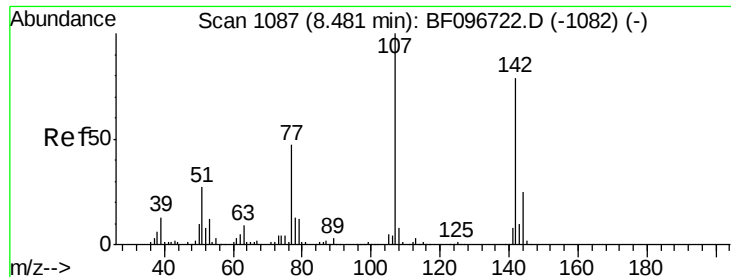
Tot Ion:127 Resp: 2351
Ion Ratio Lower Upper
127 100
129 87.9 26.2 39.2#
65 199.5 27.8 41.8#
92 76.2 16.8 25.2#



#35
Caprolactam
Concen: 16.57 ng
RT: 8.37 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:113 Resp: 24184
Ion Ratio Lower Upper
113 100
55 434.1 150.2 190.2#
56 286.4 107.8 147.8#

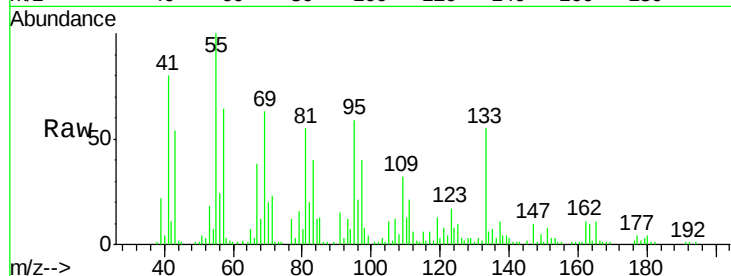




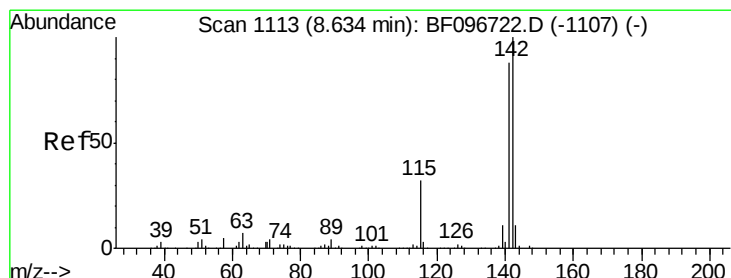
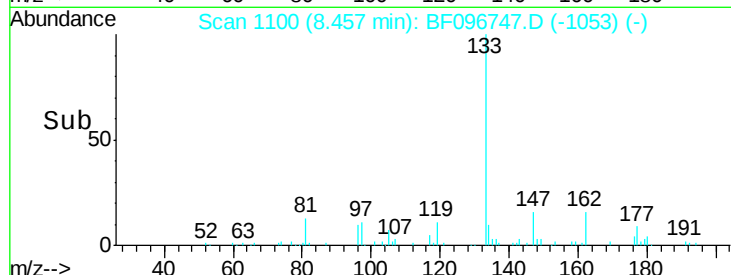
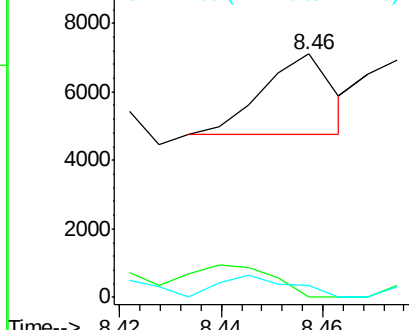
#36
 4-Chloro-3-methylphenol
 Concen: 0.45 ng
 RT: 8.46 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Instrument :
 BNA_F
 ClientSampleId :
 A3591

Tot Ion:107 Resp: 2221
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.2 36.4#
 142 5.1 73.4 110.0#

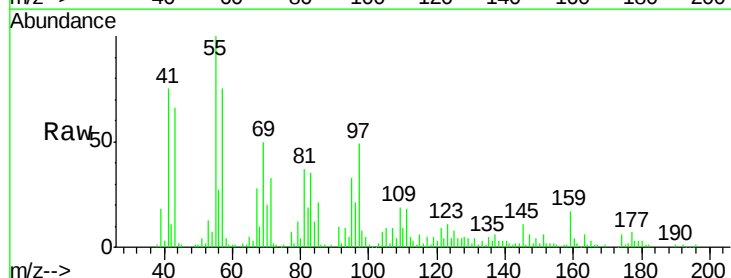


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

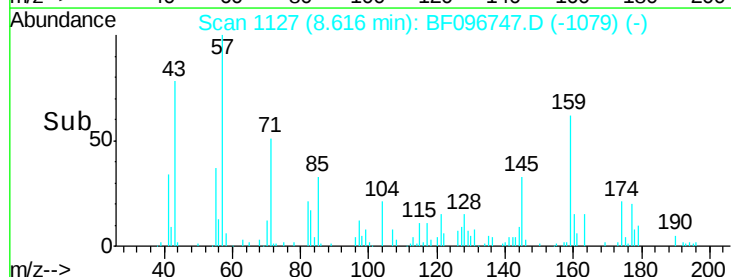
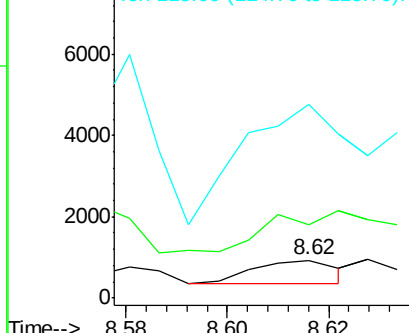


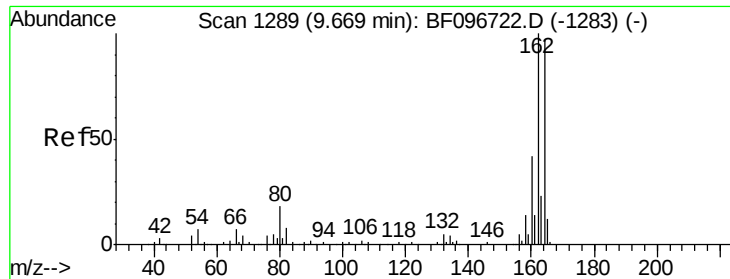
#37
 2-Methylnaphthalene
 Concen: 0.07 ng
 RT: 8.62 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:142 Resp: 650
 Ion Ratio Lower Upper
 142 100
 141 193.7 71.3 106.9#
 115 513.7 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: 9.67 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

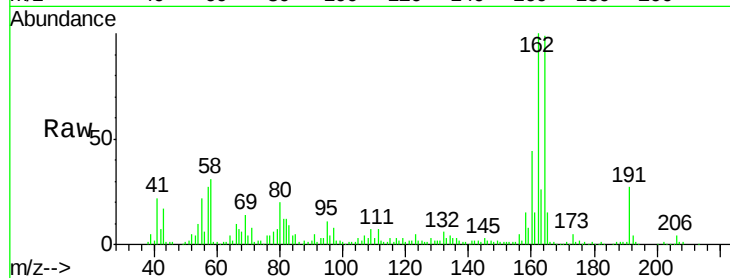
Tot Ion:164 Resp: 131970

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

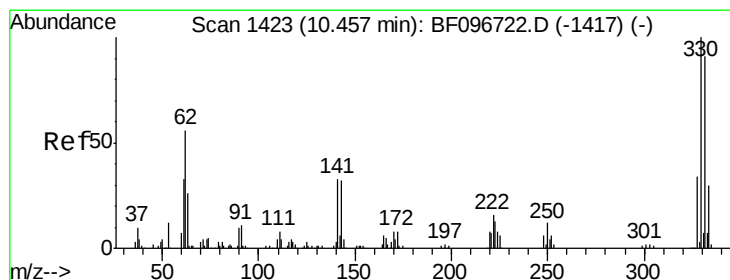
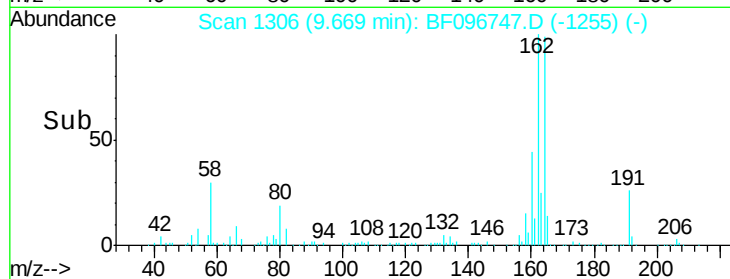
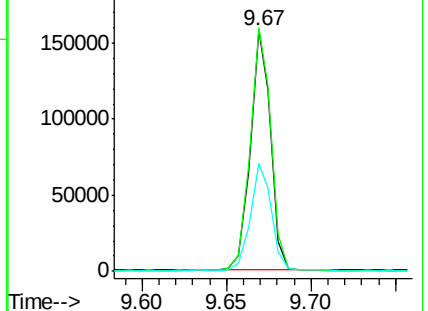
160 44.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 116.71 ng

RT: 10.46 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

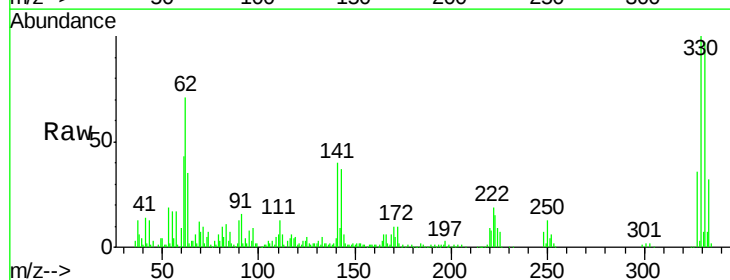
Tgt Ion:330 Resp: 131471

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

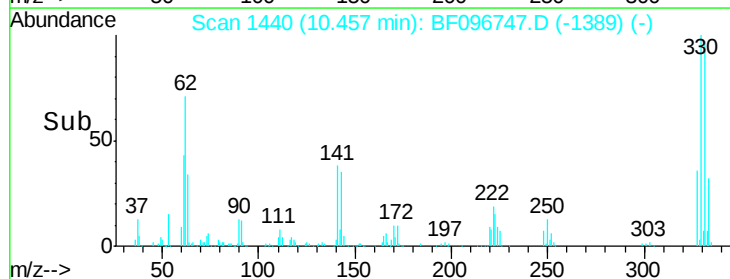
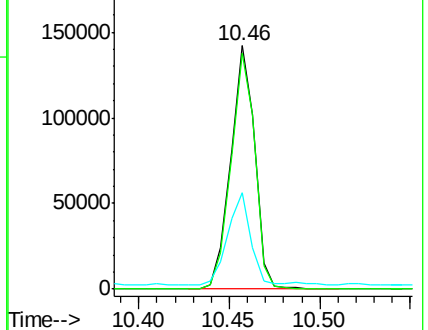
141 37.2 31.4 47.2

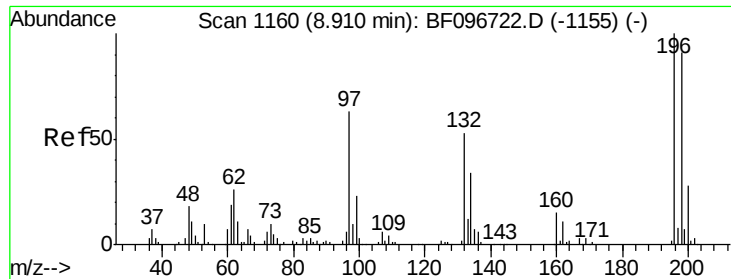


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

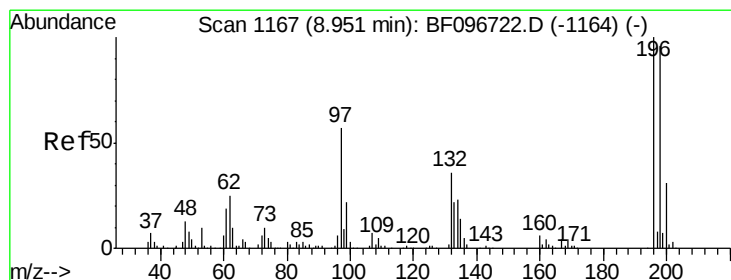
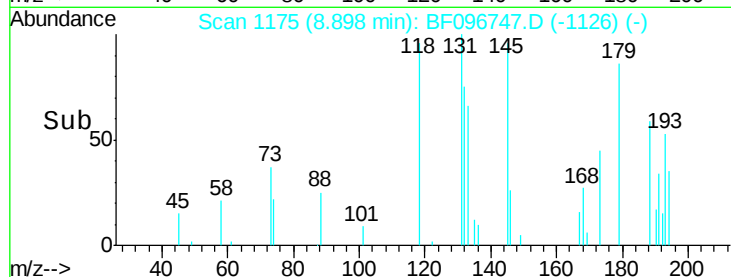
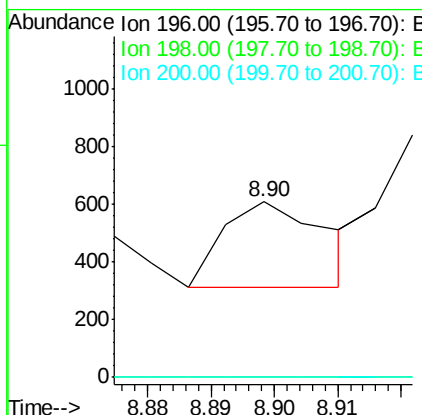
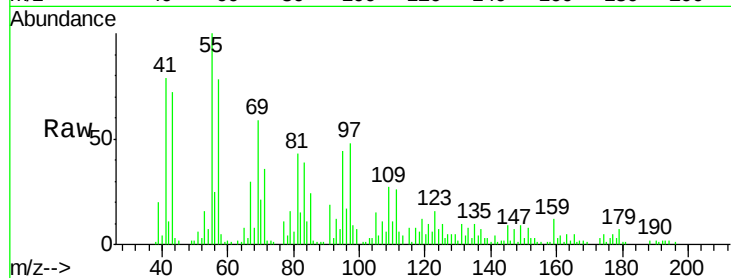




#42
 2,4,6-Trichlorophenol
 Concen: 0.13 ng
 RT: 8.90 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

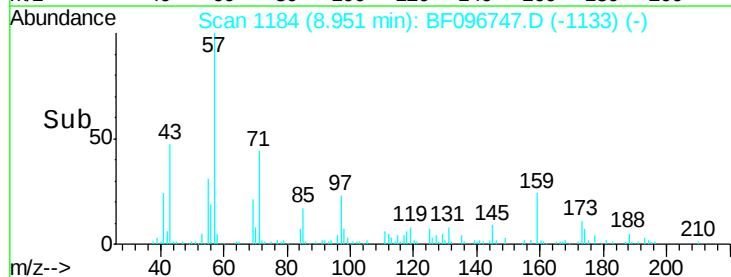
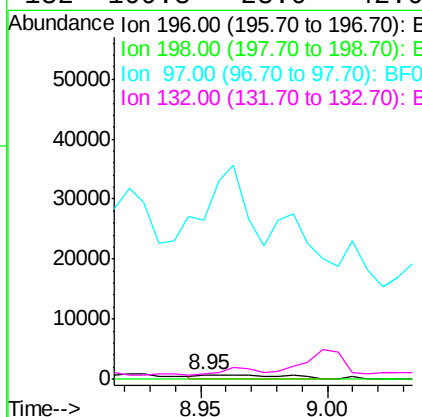
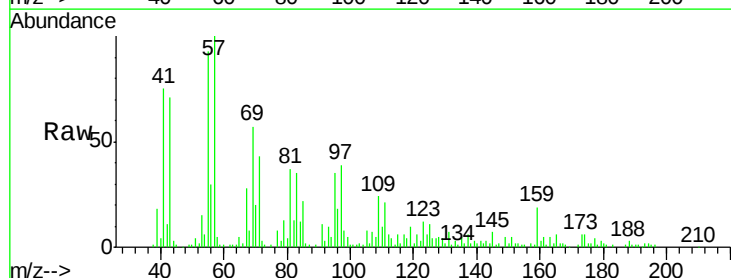
Instrument :
 BNA_F
 ClientSampled :
 A3591

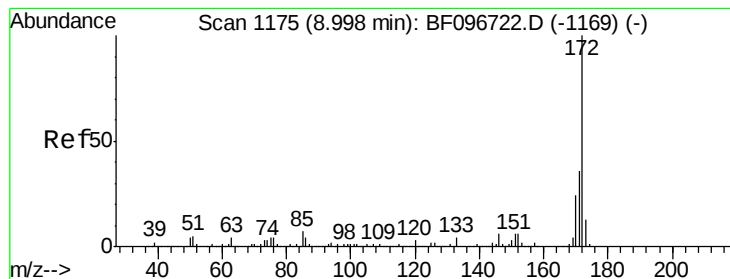
Tot Ion:196 Resp: 332
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.2 111.4#
 200 0.0 24.0 36.0#



#43
 2,4,5-Trichlorophenol
 Concen: 0.60 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:196 Resp: 1584
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 97 3804.0 47.7 71.5#
 132 109.3 28.0 42.0#

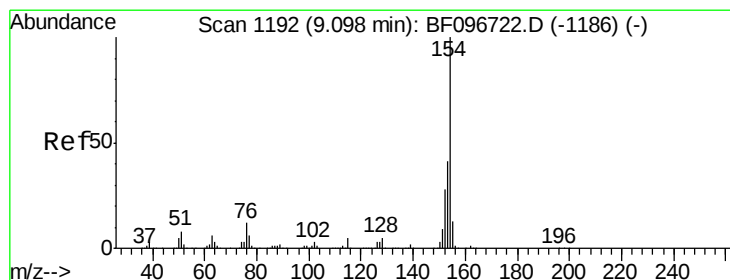
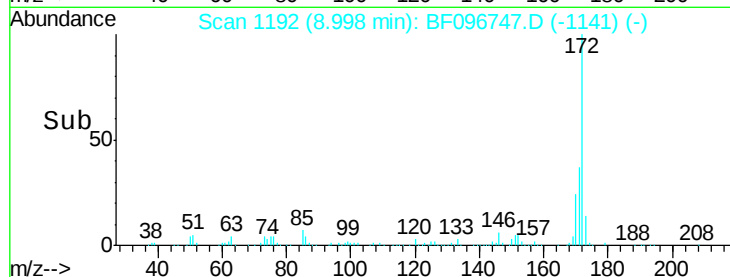
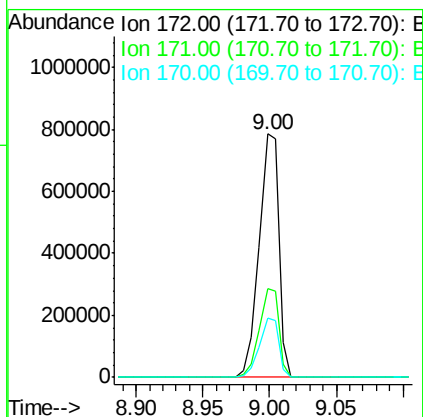
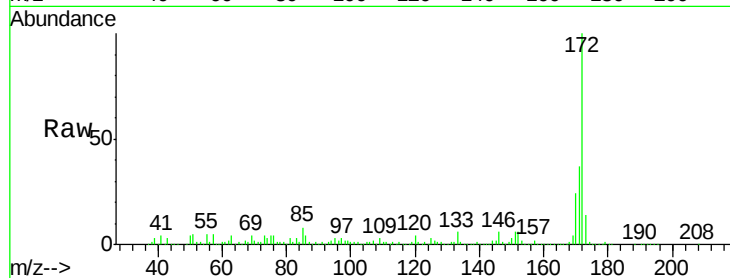




#44
 2-Fluorobiphenyl
 Concen: 95.15 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

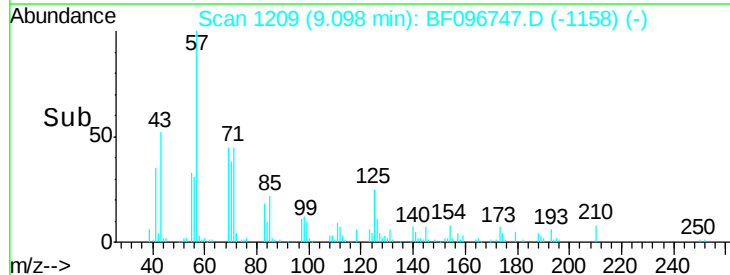
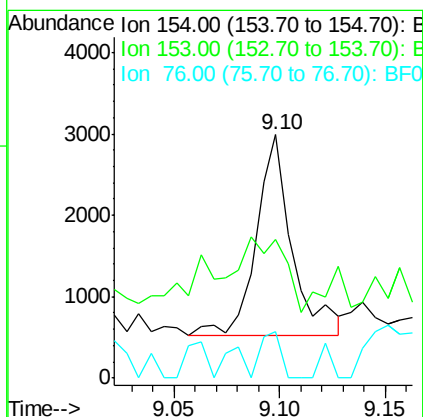
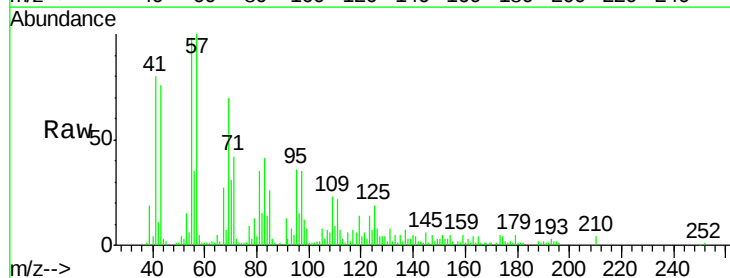
Instrument :
 BNA_F
 ClientSampleId :
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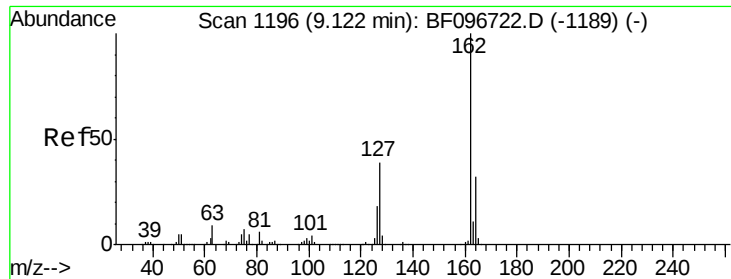
Tot Ion:172 Resp: 794783
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.3 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 0.26 ng
 RT: 9.10 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:154 Resp: 2917
 Ion Ratio Lower Upper
 154 100
 153 57.0 21.2 61.2
 76 19.1 0.0 29.9

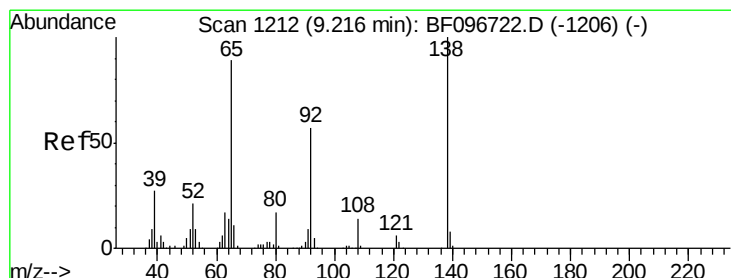
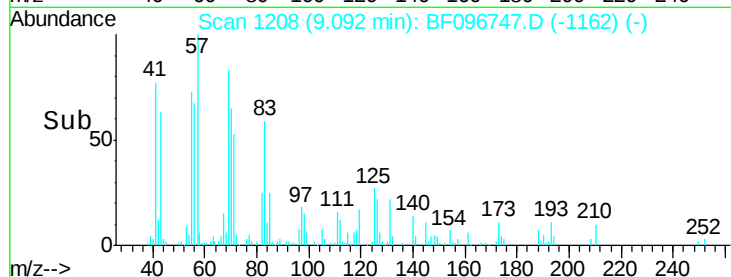
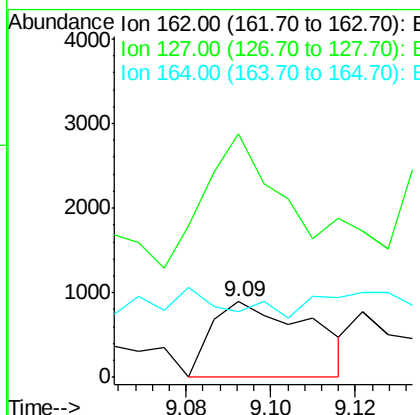
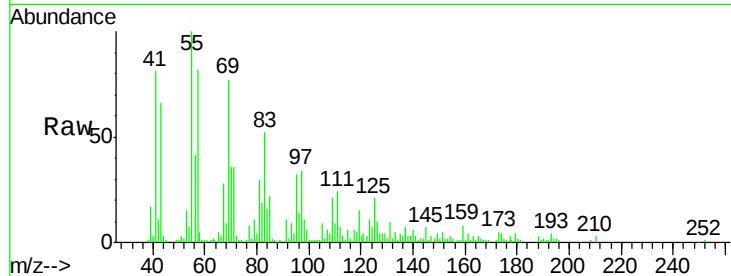




#46
2-Chloronaphthalene
Concen: 0.17 ng
RT: 9.09 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

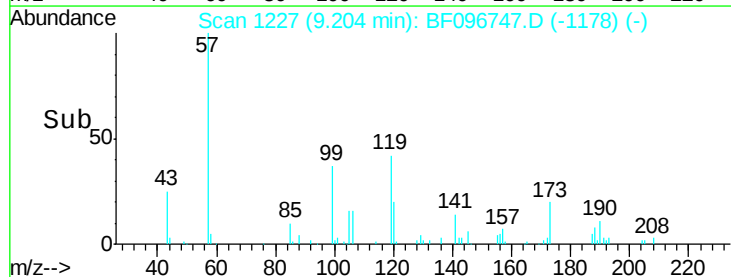
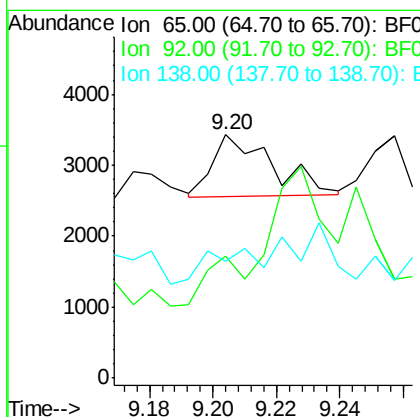
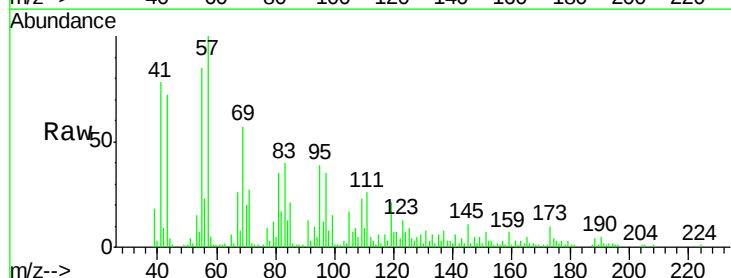
Instrument :
BNA_F
ClientSampled :
A3591

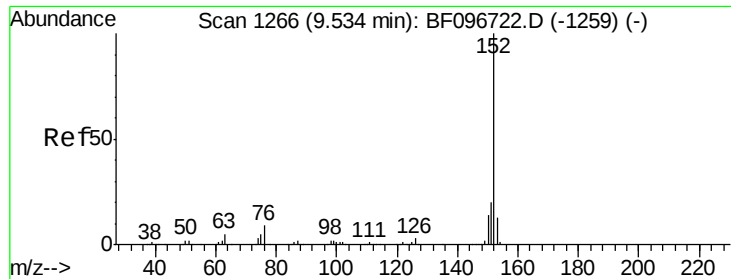
Tot Ion: 162 Resp: 1453
Ion Ratio Lower Upper
162 100
127 321.2 28.3 42.5#
164 87.3 27.0 40.4#



#47
2-Nitroaniline
Concen: 0.40 ng
RT: 9.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion: 65 Resp: 1145
Ion Ratio Lower Upper
65 100
92 50.2 53.9 80.9#
138 47.8 78.8 118.2#





#48

Acenaphthylene

Concen: 0.38 ng

RT: 9.53 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampled :

A3591

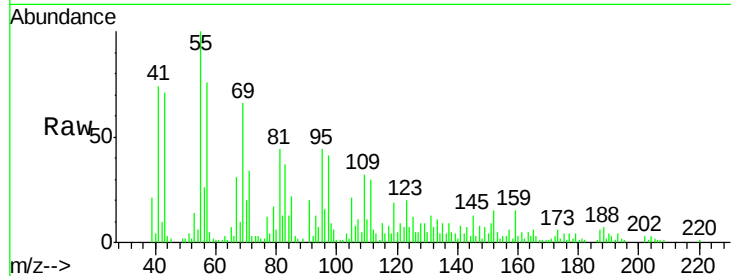
Tot Ion:152 Resp: 5021

Ion Ratio Lower Upper

152 100

151 61.7 16.8 25.2#

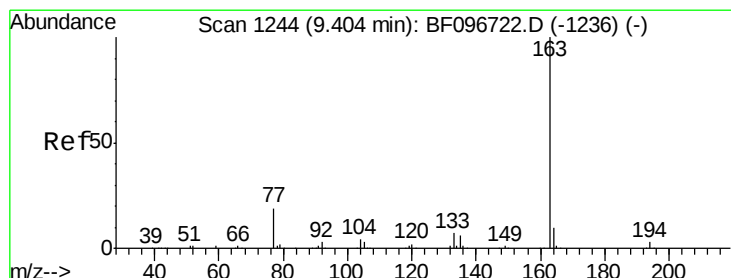
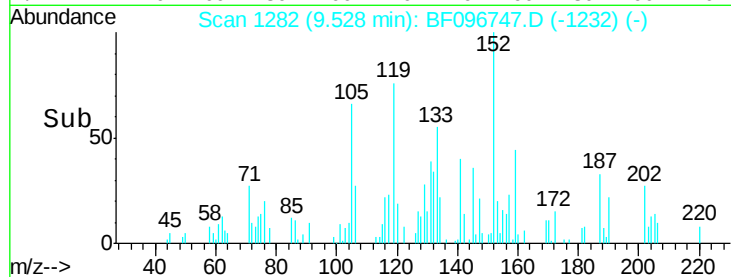
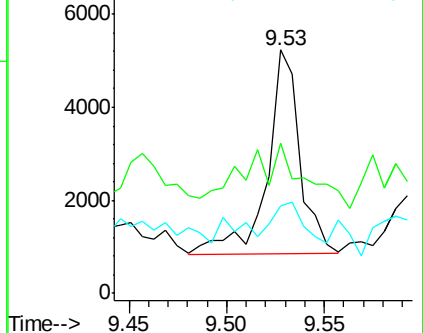
153 35.8 10.8 16.2#



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: 4.56 ng

RT: 9.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

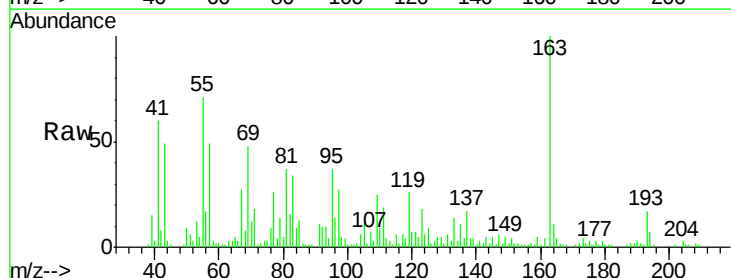
Tgt Ion:163 Resp: 45316

Ion Ratio Lower Upper

163 100

194 7.3 2.6 4.0#

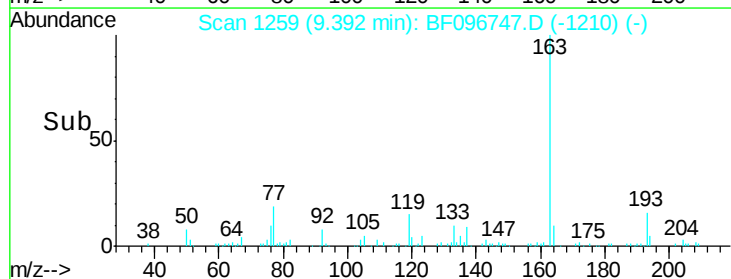
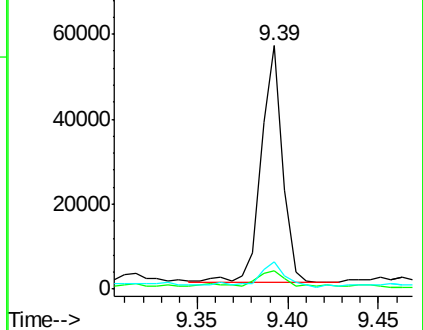
164 11.1 8.4 12.6

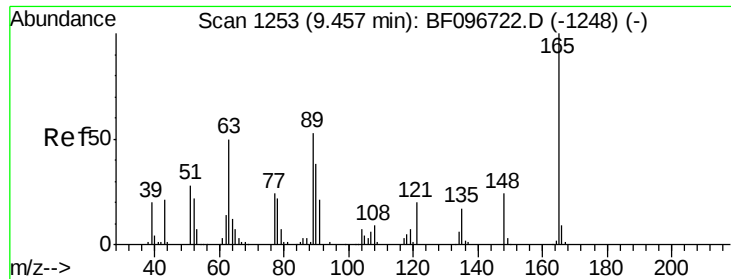


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

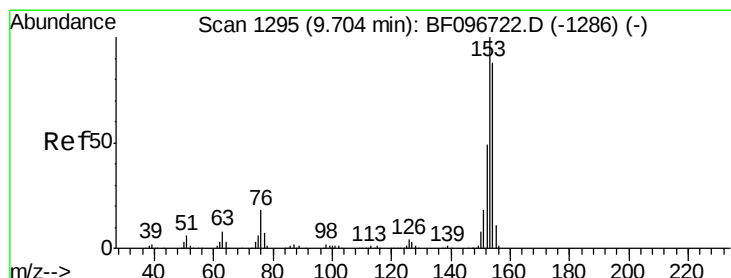
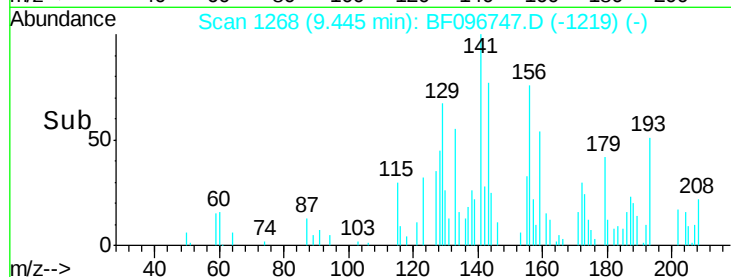
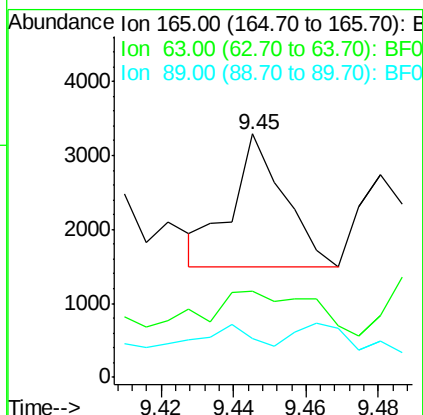
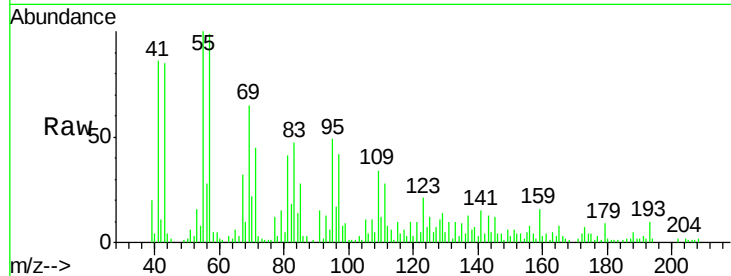




#50
2,6-Dinitrotoluene
Concen: 0.85 ng
RT: 9.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

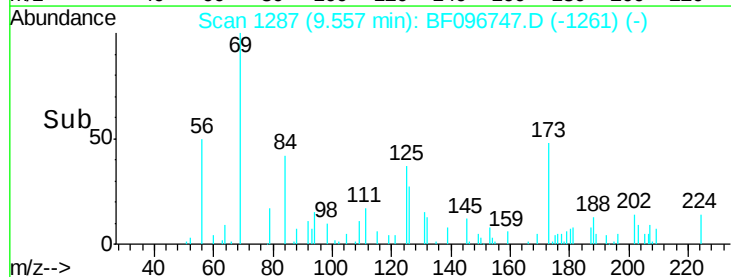
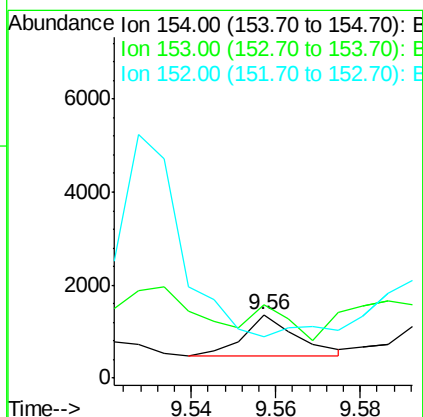
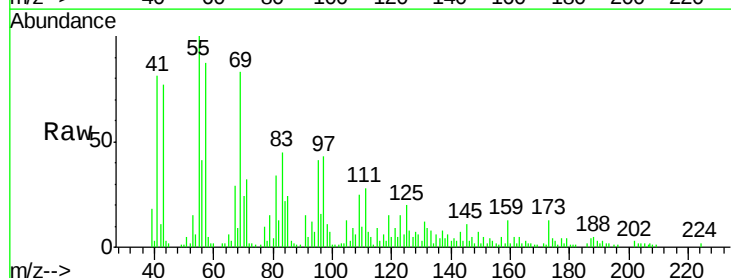
Instrument :
BNA_F
ClientSampleId :
A3591

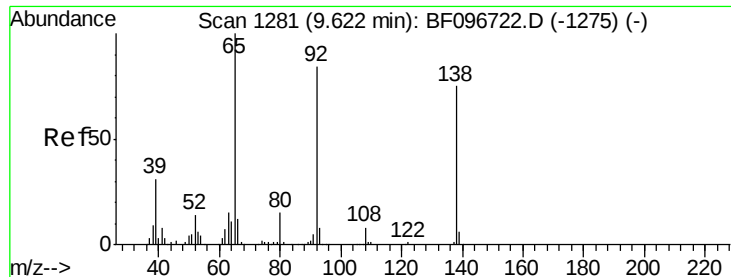
Tot Ion:165 Resp: 1826
Ion Ratio Lower Upper
165 100
63 35.3 34.3 51.5
89 15.9 37.1 55.7#



#51
Acenaphthene
Concen: 0.10 ng
RT: 9.56 min Scan# 1287
Delta R.T. -0.15 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:154 Resp: 793
Ion Ratio Lower Upper
154 100
153 114.6 90.5 135.7
152 65.3 43.6 65.4

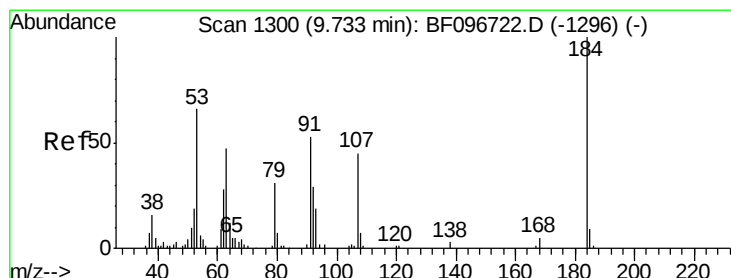
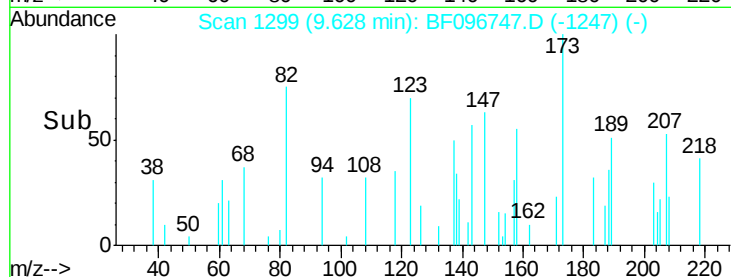
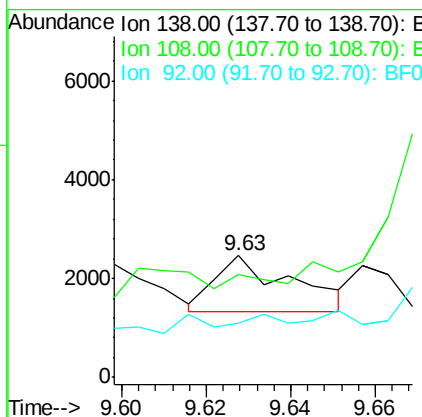
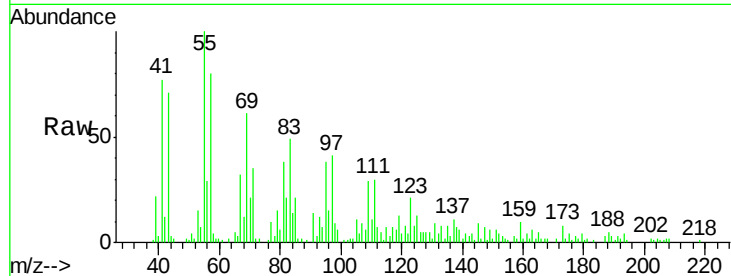




#52
3-Nitroaniline
Concen: 0.56 ng
RT: 9.63 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

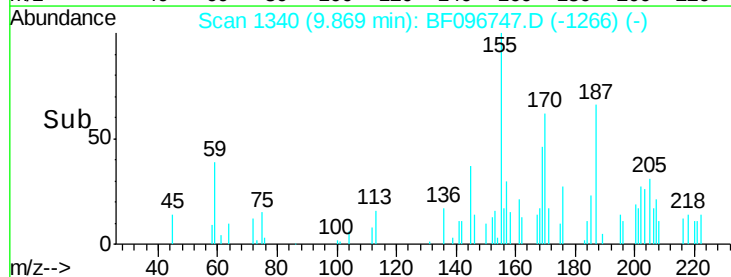
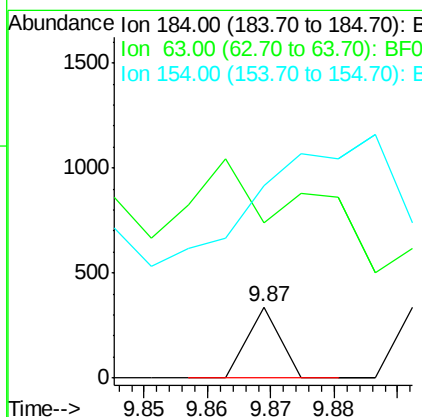
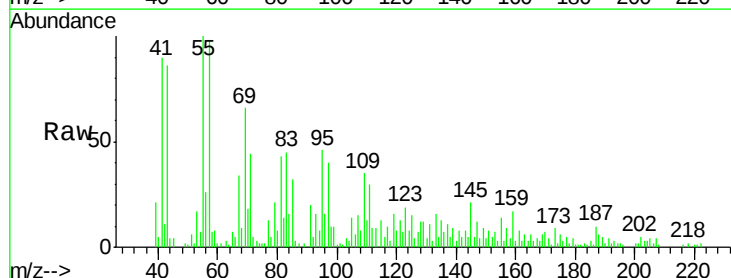
Instrument :
BNA_F
ClientSampled :
A3591

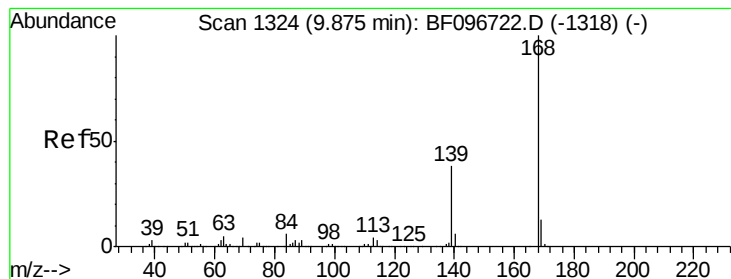
Tot Ion:138 Resp: 1429
Ion Ratio Lower Upper
138 100
108 84.5 9.1 13.7#
92 44.1 93.8 140.6#



#53
2,4-Dinitrophenol
Concen: 6.84 ng
RT: 9.87 min Scan# 1340
Delta R.T. 0.14 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 217.1 62.7 94.1#
154 268.8 81.1 121.7#





#54

Dibenzofuran

Concen: 0.06 ng

RT: 9.87 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampled :

A3591

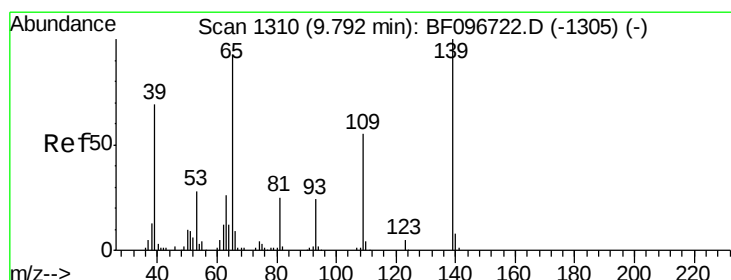
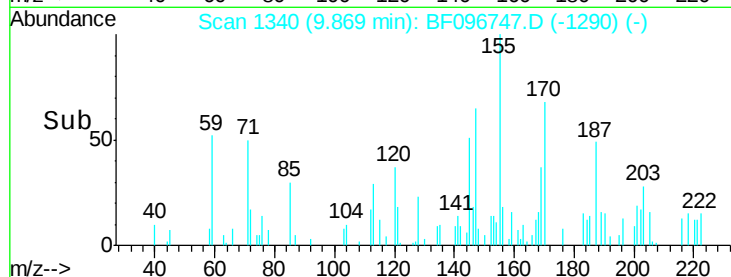
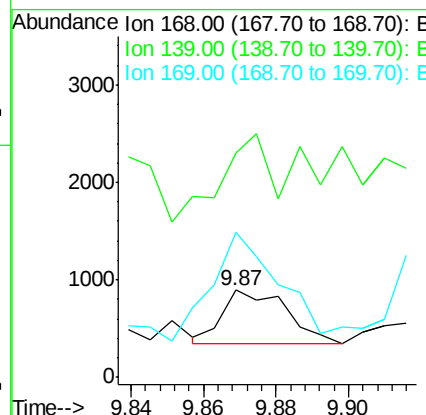
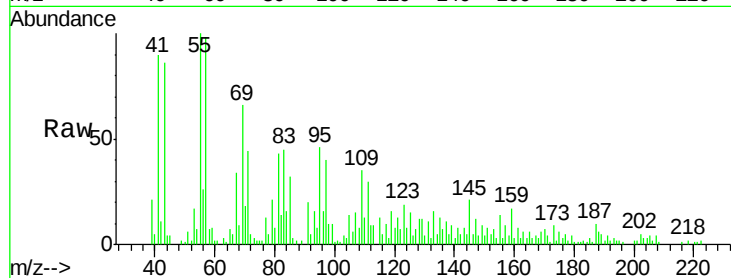
Tot Ion:168 Resp: 653

Ion Ratio Lower Upper

168 100

139 258.7 30.6 45.8#

169 167.1 10.8 16.2#



#55

4-Nitrophenol

Concen: 0.42 ng

RT: 9.79 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

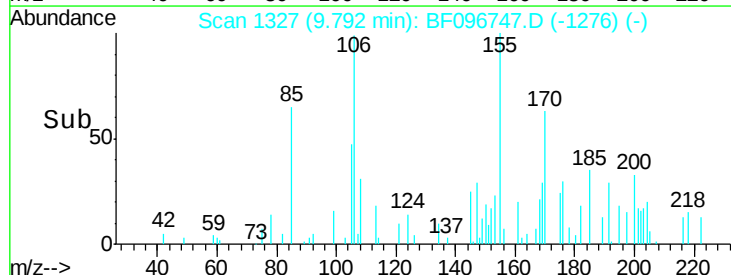
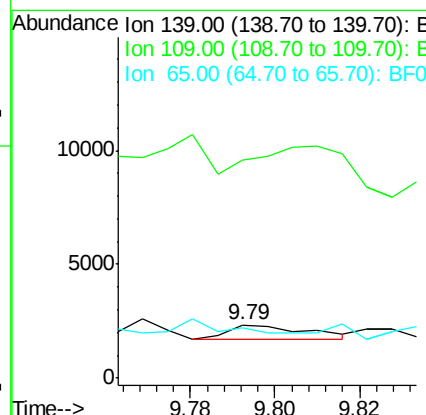
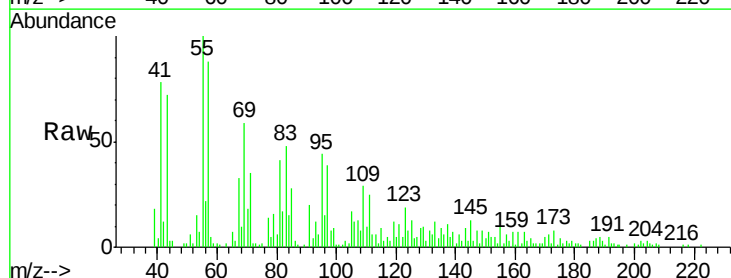
Tgt Ion:139 Resp: 786

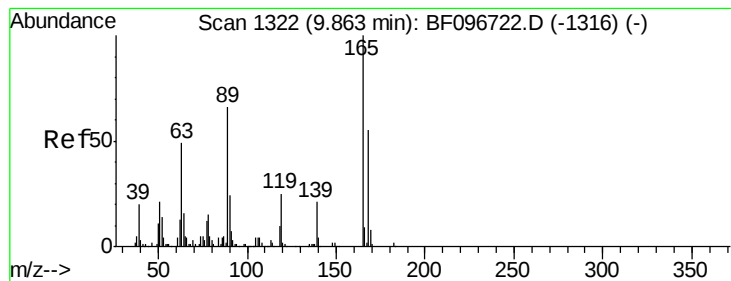
Ion Ratio Lower Upper

139 100

109 408.8 34.1 74.1#

65 95.3 31.4 71.4#





#56

2,4-Dinitrotoluene

Concen: 0.30 ng

RT: 9.89 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

Tot Ion:165 Resp: 827

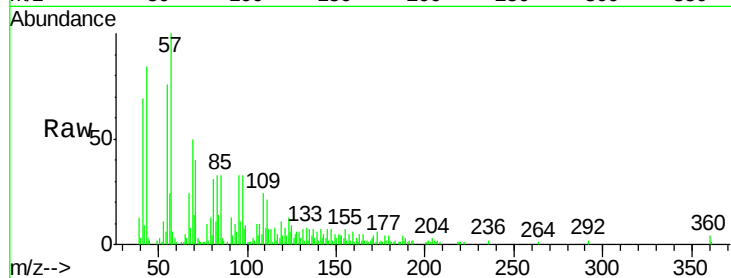
Ion Ratio Lower Upper

165 100

63 25.3 25.4 38.0#

89 24.3 46.4 69.6#

182 16.6 1.8 2.6#

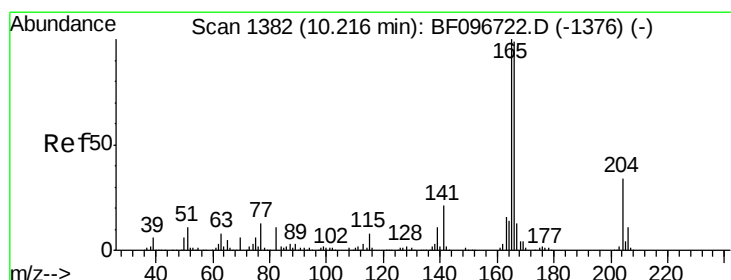
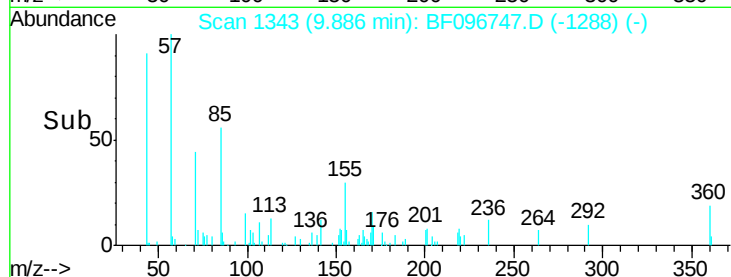
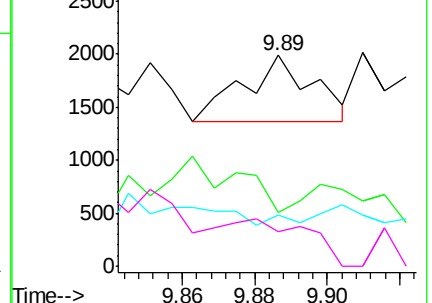


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.19 ng

RT: 10.21 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

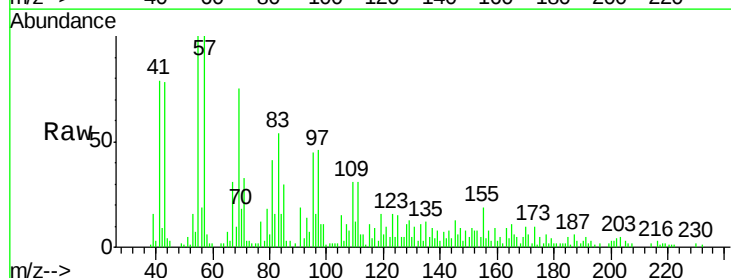
Tgt Ion:166 Resp: 1554

Ion Ratio Lower Upper

166 100

165 174.5 78.8 118.2#

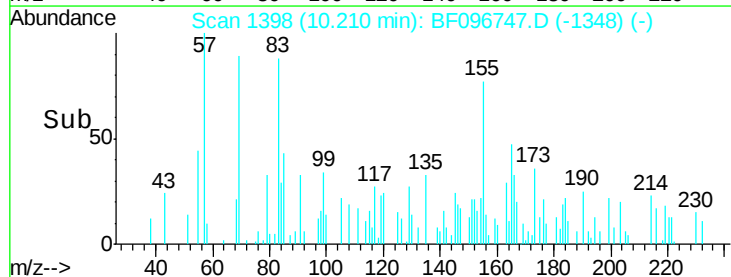
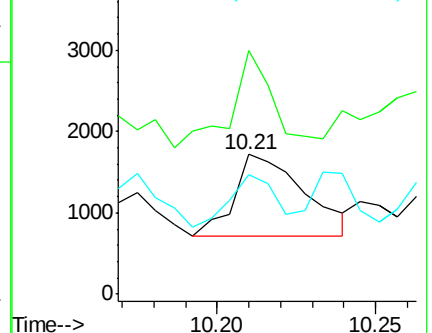
167 85.7 10.6 16.0#

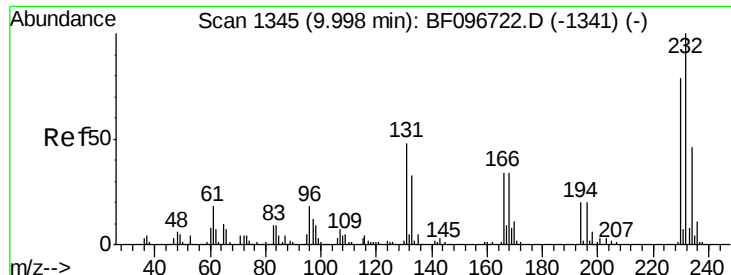


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

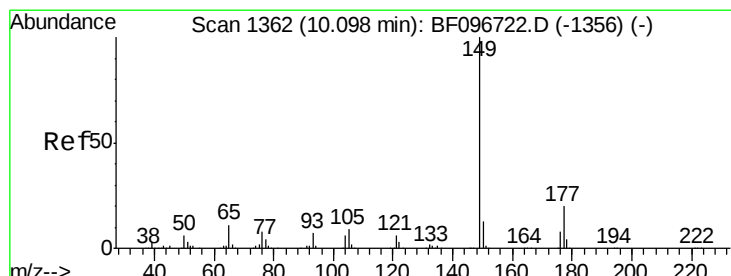
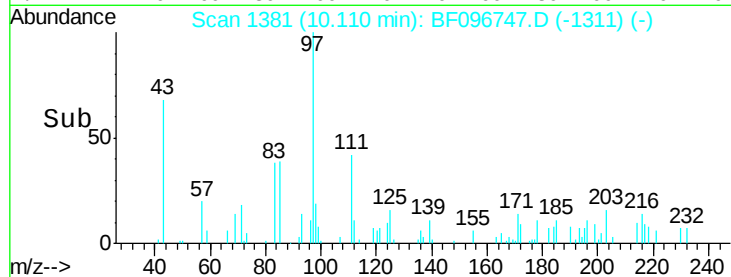
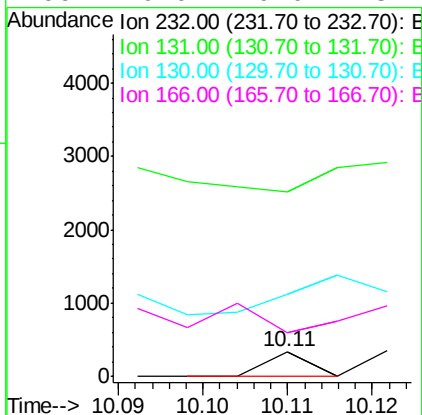
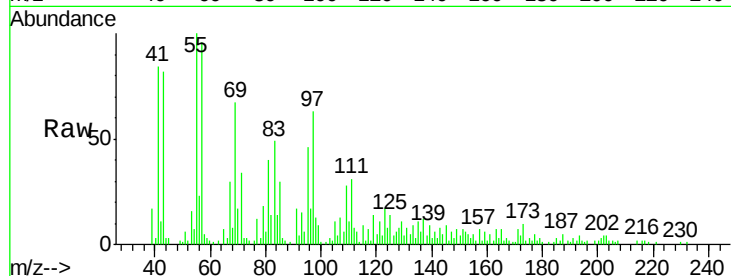




#58
2,3,4,6-Tetrachlorophenol
Concen: 0.06 ng
RT: 10.11 min Scan# 1381
Delta R.T. 0.11 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

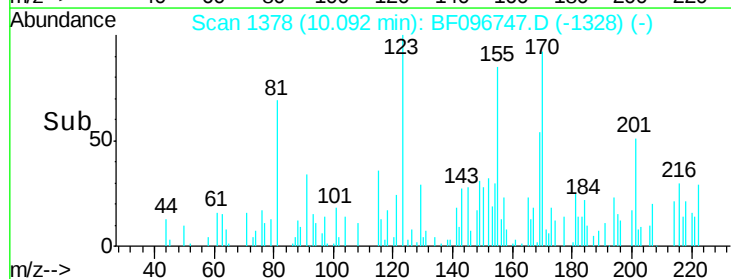
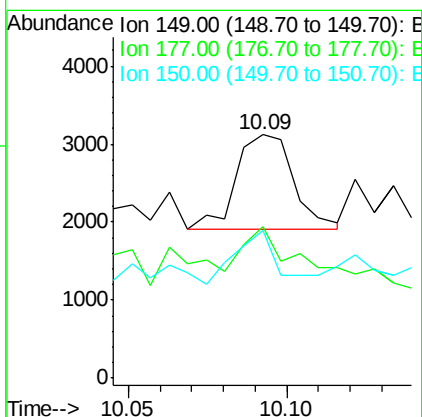
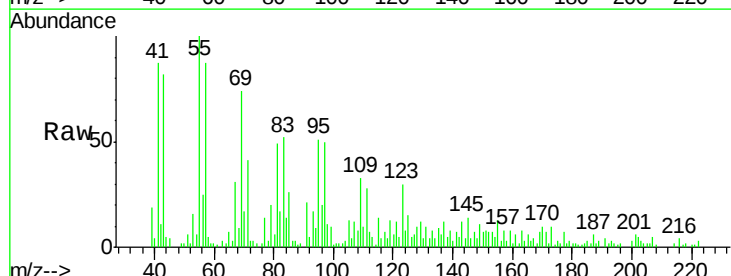
Instrument :
BNA_F
ClientSampleId :
A3591

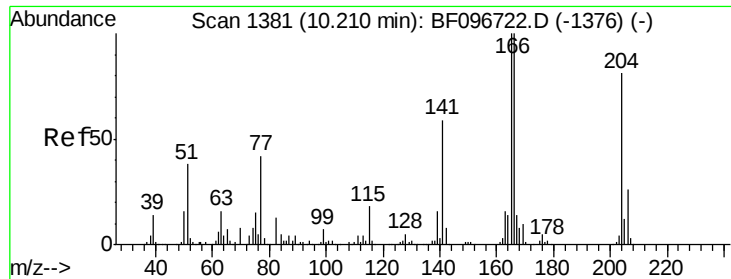
Tot Ion:232 Resp: 119
Ion Ratio Lower Upper
232 100
131 0.0 44.8 67.2#
130 615.1 2.3 3.5#
166 0.0 29.0 43.4#



#59
Diethylphthalate
Concen: 0.16 ng
RT: 10.09 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:149 Resp: 1539
Ion Ratio Lower Upper
149 100
177 62.2 16.7 25.1#
150 60.5 10.2 15.2#

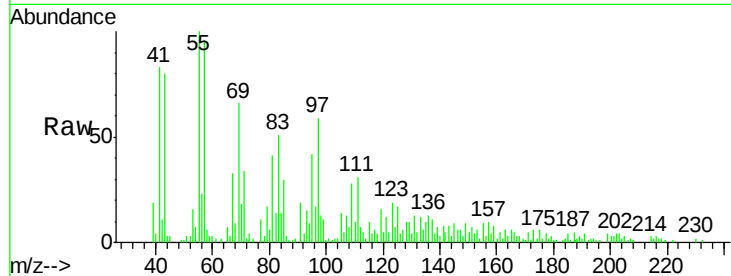




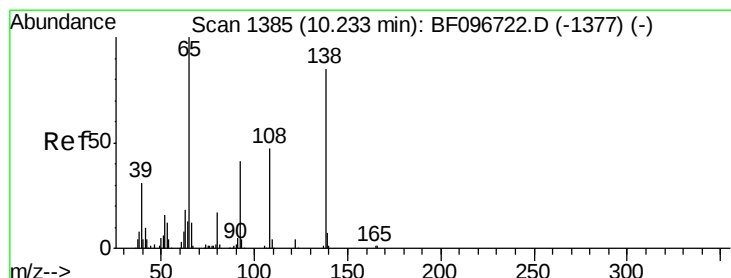
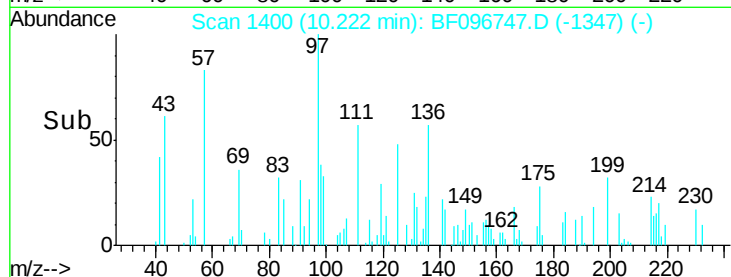
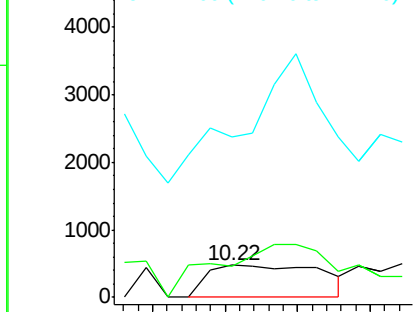
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.22 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Instrument :
BNA_F
ClientSampleId :
A3591

Tot Ion:204 Resp: 1046
Ion Ratio Lower Upper
204 100
206 96.2 26.2 39.2#
141 504.2 60.8 91.2#

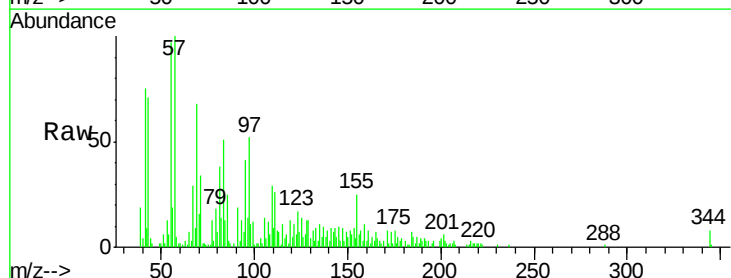


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

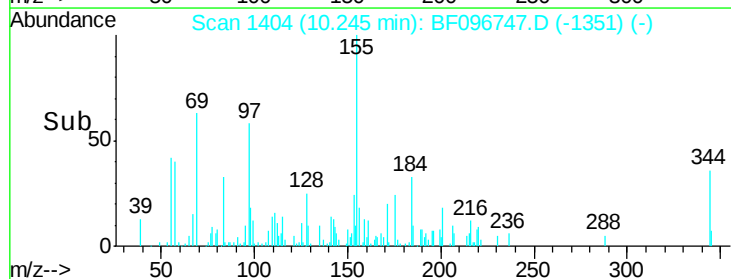
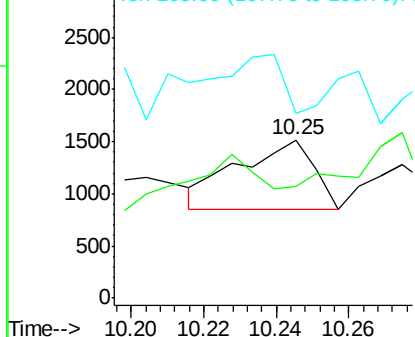


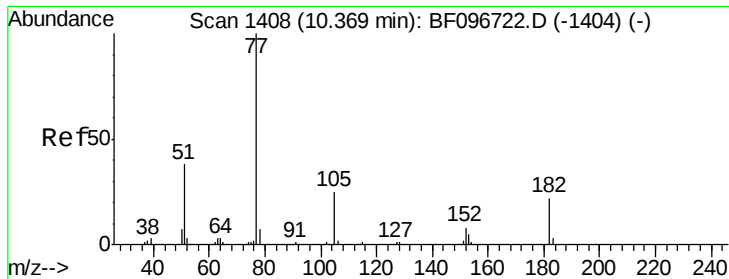
#61
4-Nitroaniline
Concen: 0.41 ng
RT: 10.25 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:138 Resp: 971
Ion Ratio Lower Upper
138 100
92 71.1 21.8 61.8#
108 116.9 42.3 82.3#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.10 ng

RT: 10.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

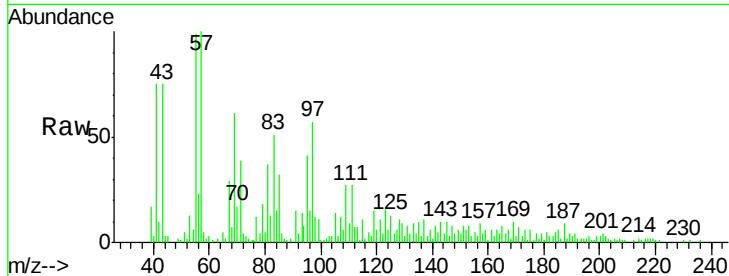
ClientSampleId :

A3591

Tot Ion: 77 Resp: 850

Ion Ratio Lower Upper

77	100		
182	25.3	0.1	40.1
105	119.1	3.6	43.6
51	43.6	9.4	49.4

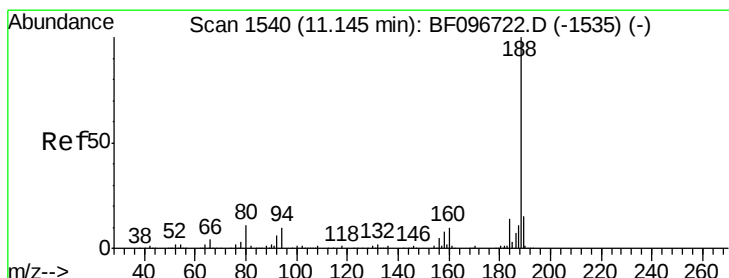
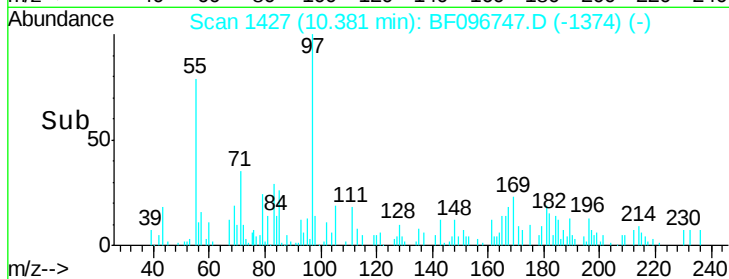
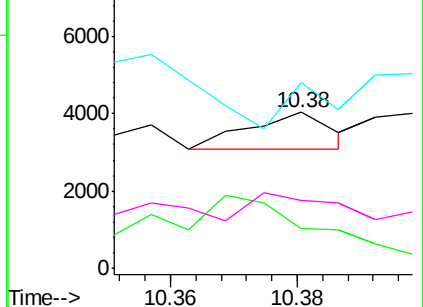


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 1557

Delta R.T. 0.00 min

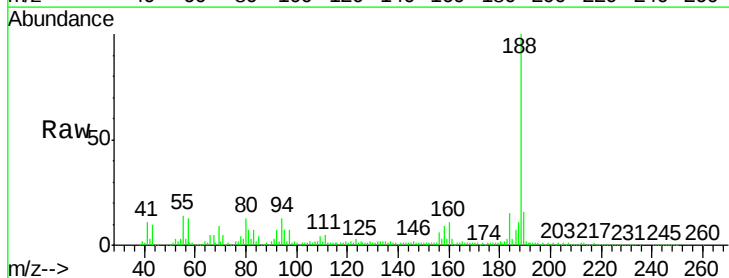
Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Tgt Ion: 188 Resp: 221367

Ion Ratio Lower Upper

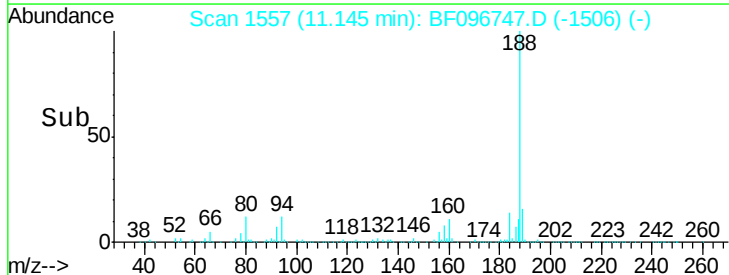
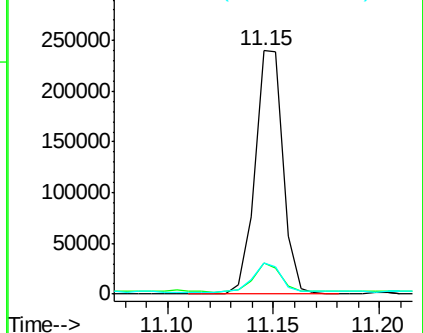
188	100		
94	12.9	9.4	14.2
80	13.0	10.2	15.2

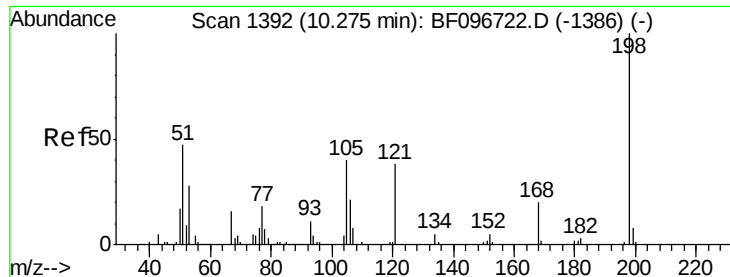


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.18 ng

RT: 10.28 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

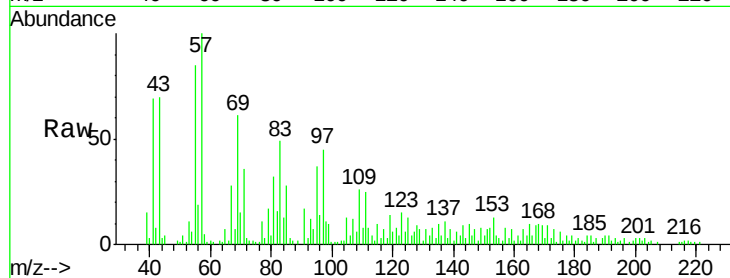
Tot Ion:198 Resp: 247

Ion Ratio Lower Upper

198 100

51 398.6 53.2 93.2#

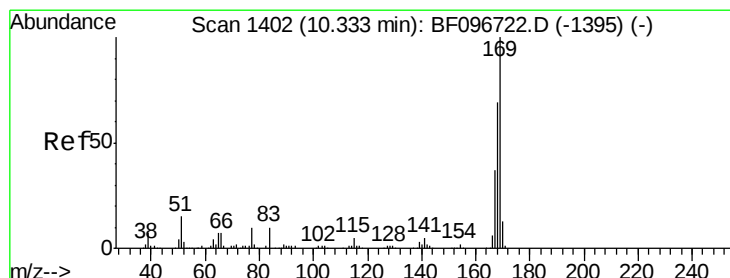
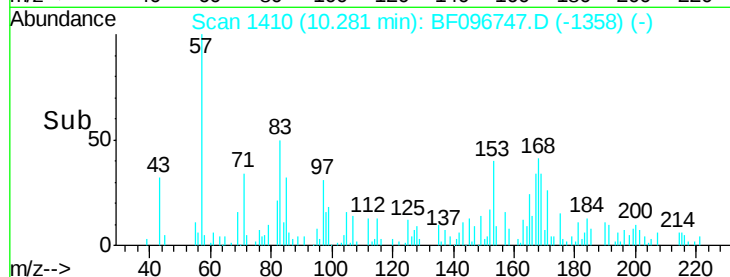
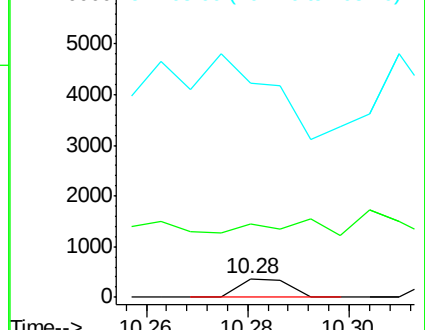
105 1159.7 45.8 85.8#



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: 1.13 ng

RT: 10.59 min Scan# 1462

Delta R.T. 0.25 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

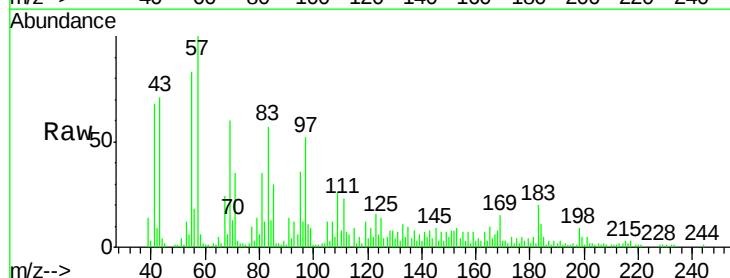
Tgt Ion:169 Resp: 8922

Ion Ratio Lower Upper

169 100

168 57.2 53.2 79.8

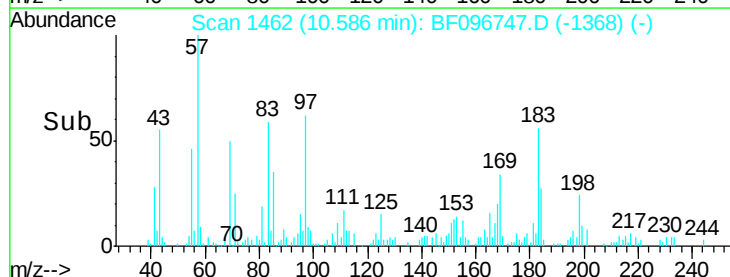
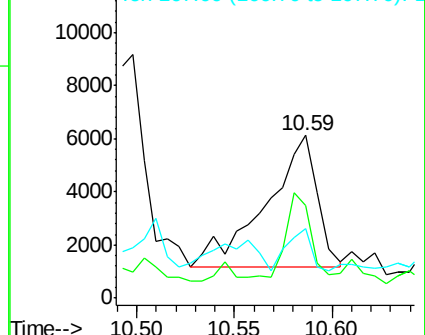
167 42.4 29.5 44.3

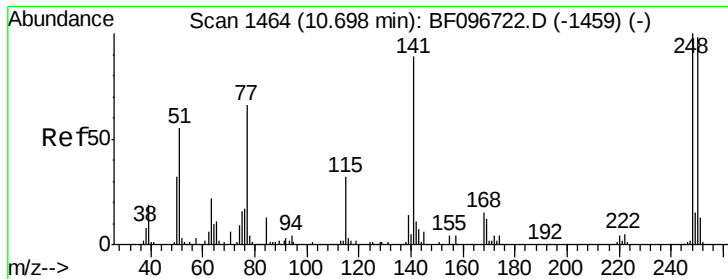


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

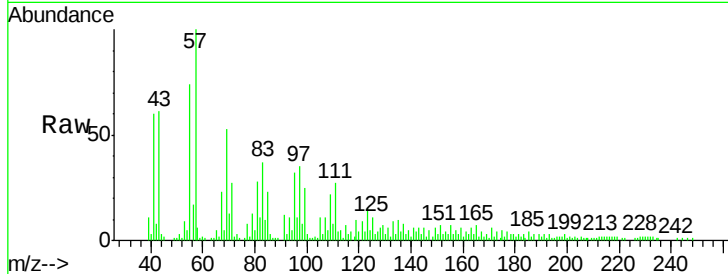




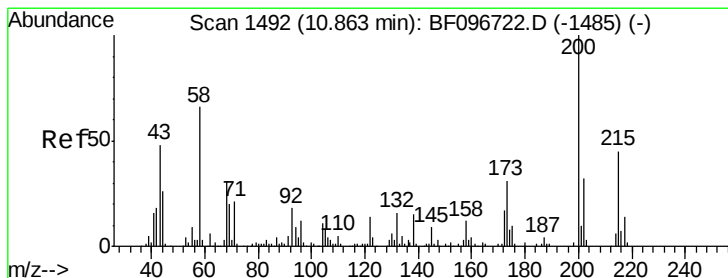
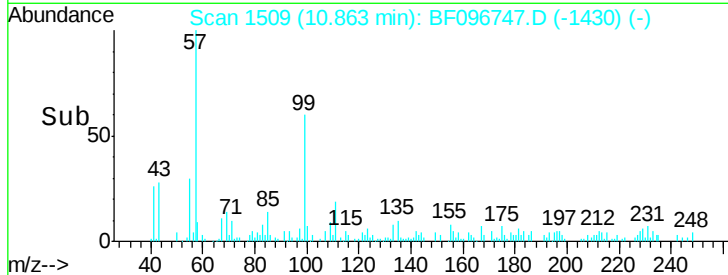
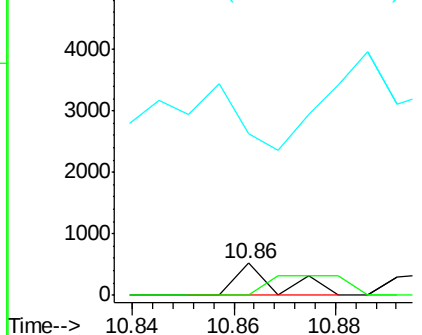
#66
 4-Bromophenyl-phenylether
 Concen: 0.13 ng
 RT: 10.86 min Scan# 1509
 Delta R.T. 0.16 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Instrument :
 BNA_F
 ClientSampled :
 A3591

Tot Ion:248 Resp: 299
 Ion Ratio Lower Upper
 248 100
 250 0.0 76.8 115.2#
 141 502.1 68.6 103.0#

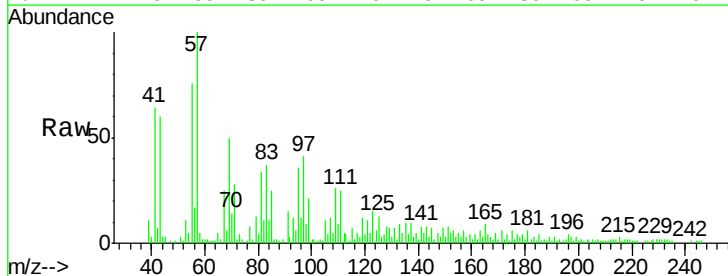


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

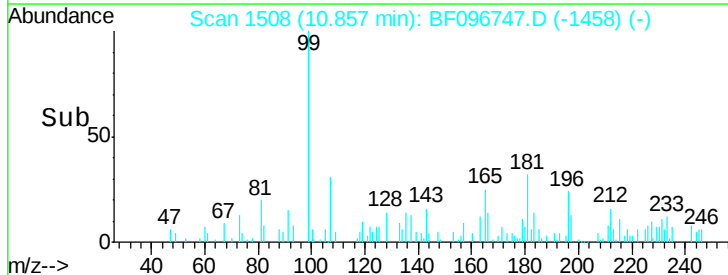
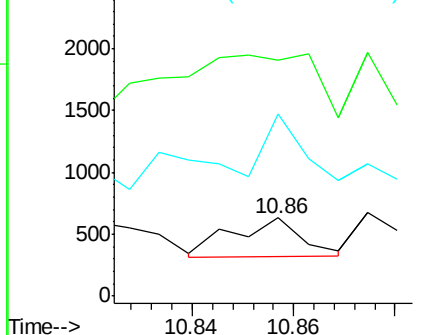


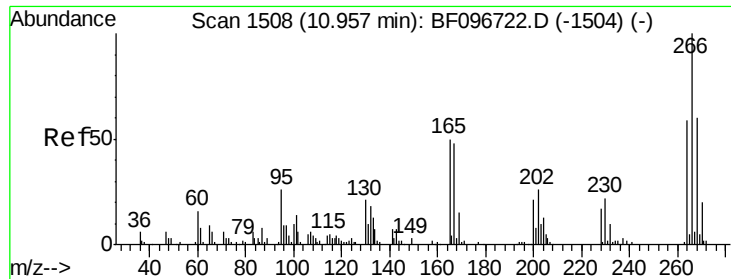
#68
 Atrazine
 Concen: 0.13 ng
 RT: 10.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:200 Resp: 290
 Ion Ratio Lower Upper
 200 100
 173 301.4 6.3 46.3#
 215 232.9 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

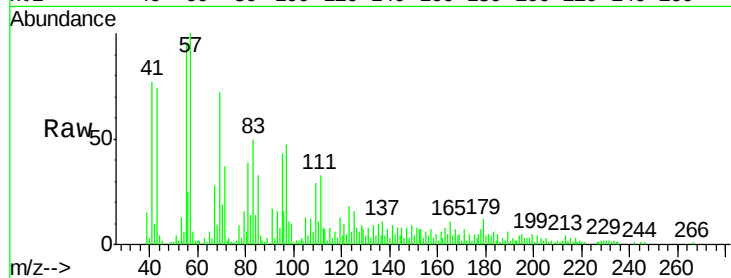




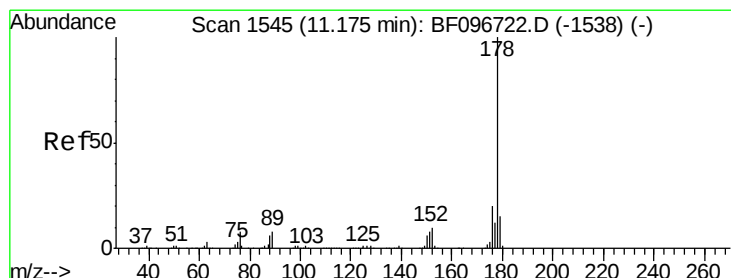
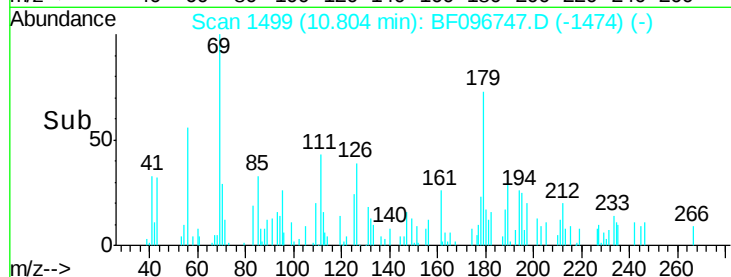
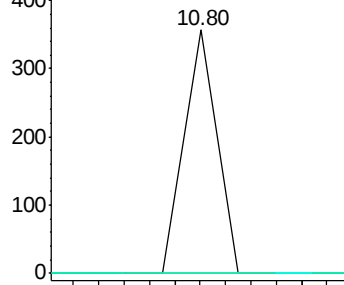
#69
 Pentachlorophenol
 Concen: 0.10 ng
 RT: 10.80 min Scan# 1499
 Delta R.T. -0.15 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Instrument :
 BNA_F
 ClientSampleId :
 A3591

Tot Ion:266 Resp: 126
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 51.7 77.5#

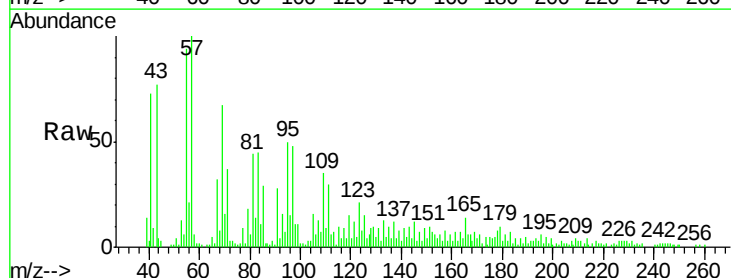


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

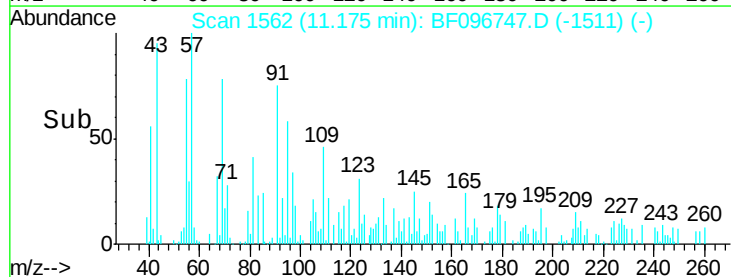
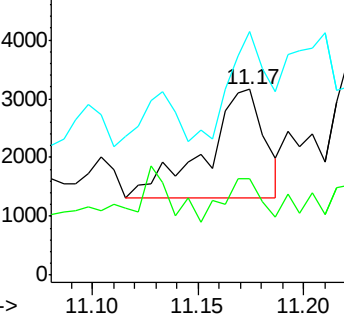


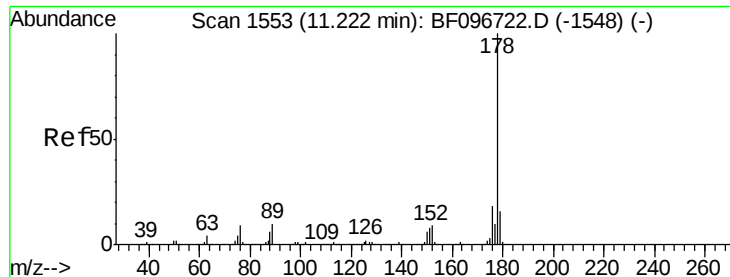
#70
 Phenanthrene
 Concen: 0.30 ng
 RT: 11.17 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:178 Resp: 3565
 Ion Ratio Lower Upper
 178 100
 176 51.7 16.2 24.4#
 179 131.2 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

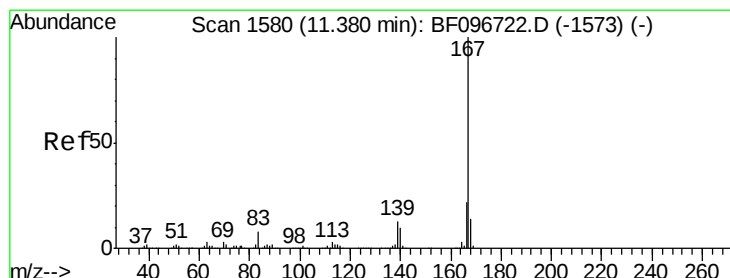
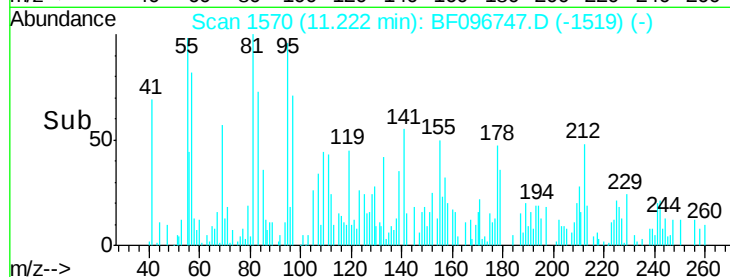
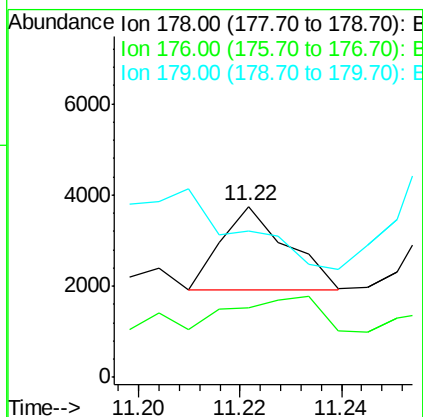
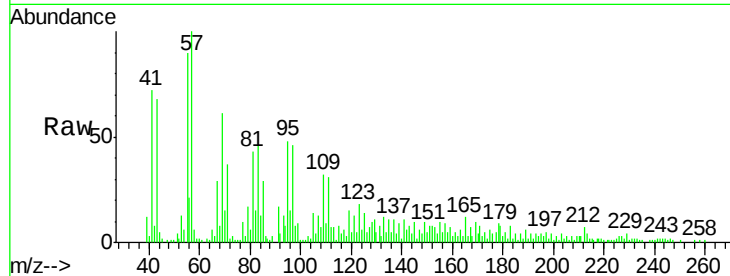




#71
 Anthracene
 Concen: 0.14 ng
 RT: 11.22 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

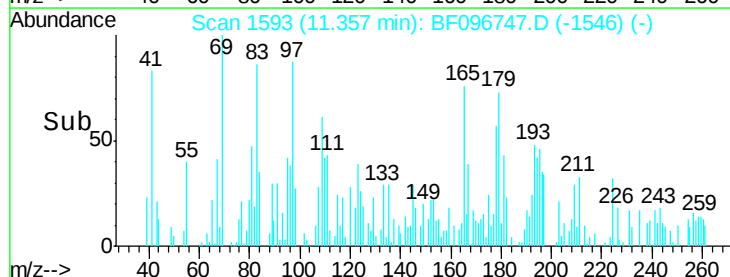
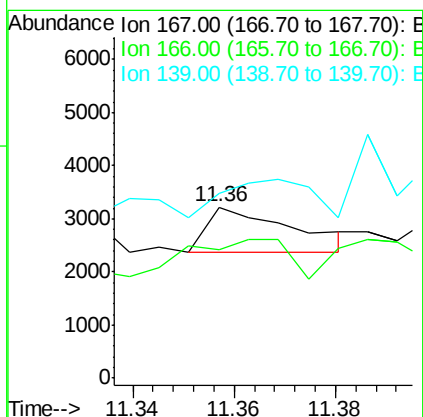
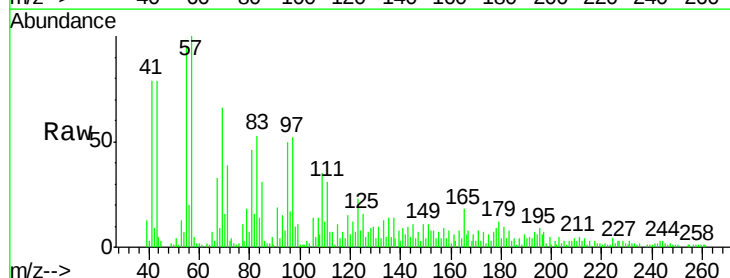
Instrument :
 BNA_F
 ClientSampled :
 A3591

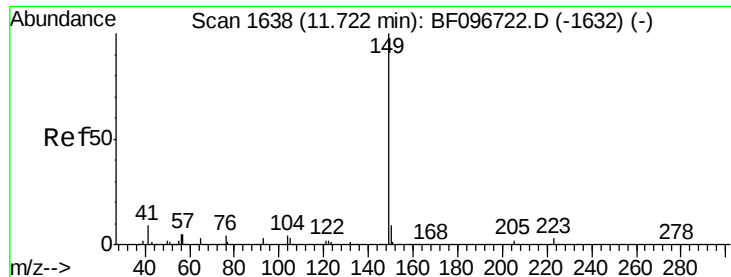
Tot Ion:178 Resp: 1666
 Ion Ratio Lower Upper
 178 100
 176 40.8 15.8 23.8#
 179 85.8 12.7 19.1#



#72
 Carbazole
 Concen: 0.08 ng
 RT: 11.36 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:167 Resp: 961
 Ion Ratio Lower Upper
 167 100
 166 74.8 18.1 27.1#
 139 108.2 11.7 17.5#





#73

Di-n-butylphthalate

Concen: 0.38 ng

RT: 11.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

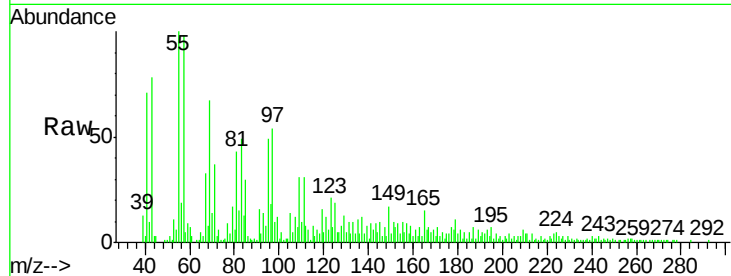
Tot Ion:149 Resp: 5569

Ion Ratio Lower Upper

149 100

150 24.0 7.7 11.5#

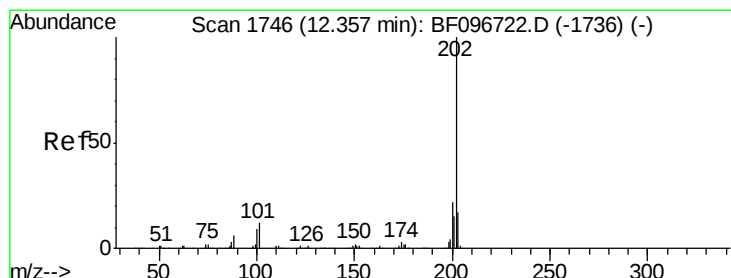
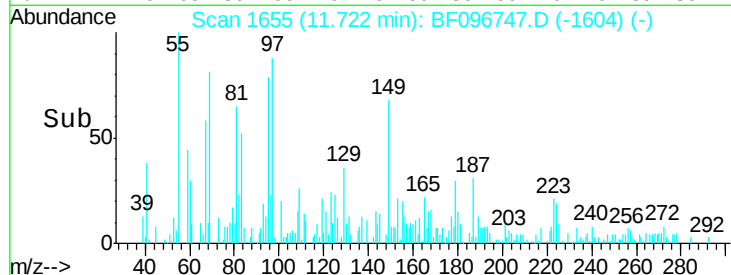
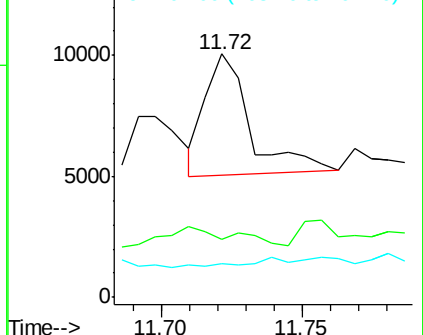
104 13.7 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.90 ng

RT: 12.59 min Scan# 1802

Delta R.T. 0.23 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

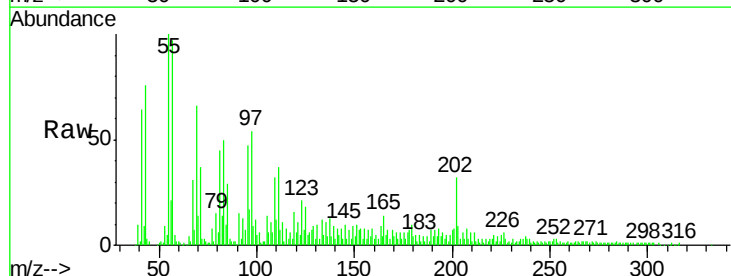
Tgt Ion:202 Resp: 21911

Ion Ratio Lower Upper

202 100

101 20.3 0.0 33.2

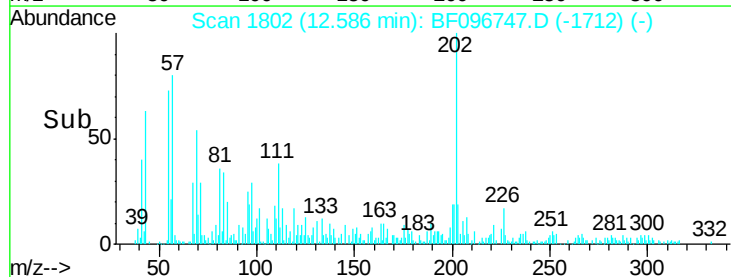
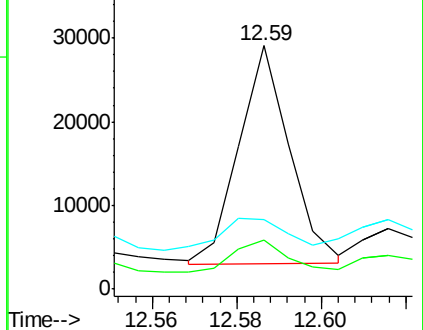
203 28.7 0.0 38.1

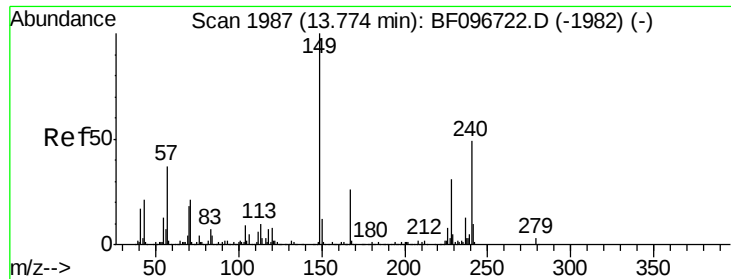


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 2007

Delta R.T. 0.02 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

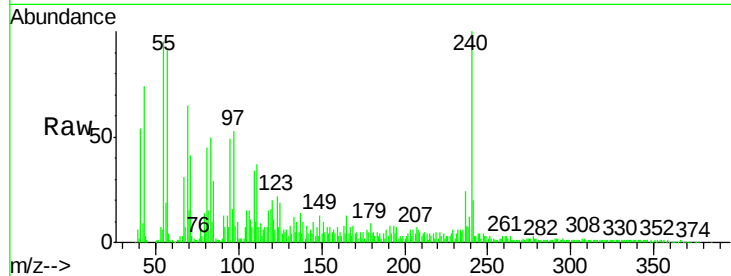
Tot Ion:240 Resp: 135021

Ion Ratio Lower Upper

240 100

120 19.9 5.8 8.8#

236 24.1 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

200000

150000

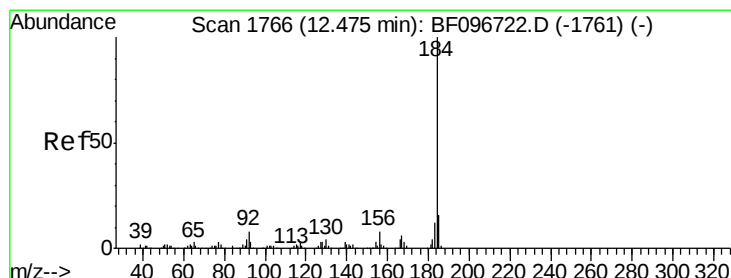
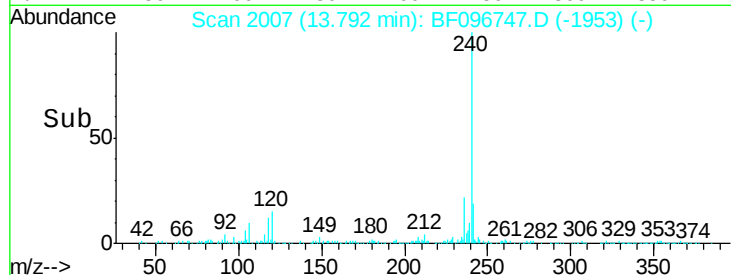
100000

50000

0

13.75 13.80 13.85

Time-->



#76

Benzidine

Concen: 0.10 ng

RT: 12.52 min Scan# 1791

Delta R.T. 0.05 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

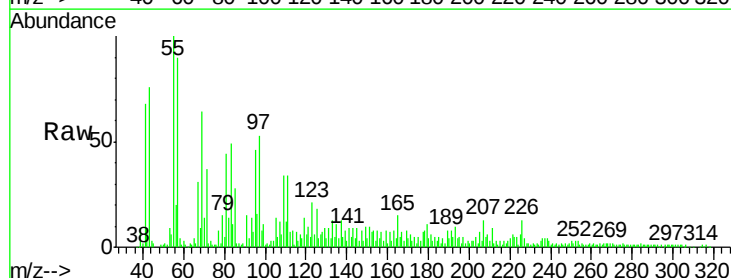
Tgt Ion:184 Resp: 442

Ion Ratio Lower Upper

184 100

185 159.2 15.5 23.3#

183 170.4 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

8000

6000

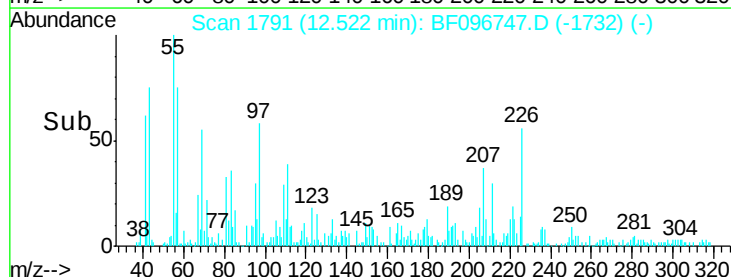
4000

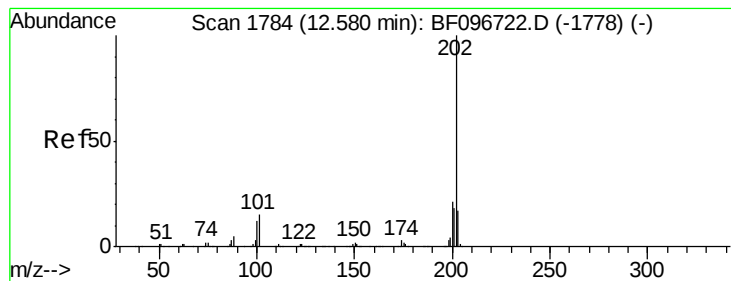
2000

0

12.50 12.52 12.54

Time-->





#77

Pvrene

Concen: 1.71 ng

RT: 12.59 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

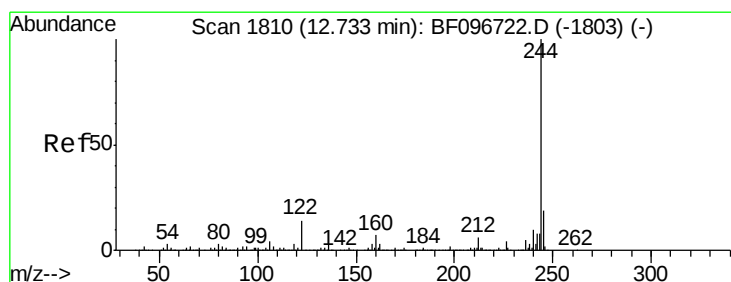
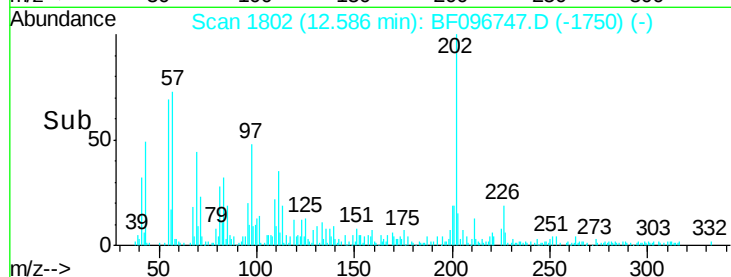
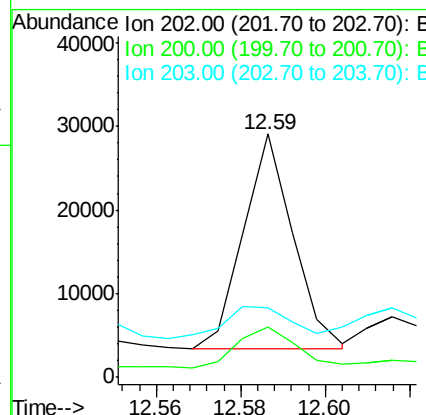
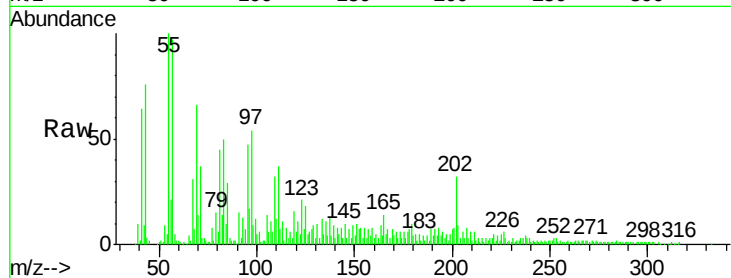
Instrument :

BNA_F

ClientSampleId :

A3591

Tot Ion:202	Resp:	20967
Ion Ratio	Lower	Upper
202	100	
200	20.8	17.6 26.4
203	28.7	14.4 21.6#



#78

Terphenyl-d14

Concen: 63.19 ng

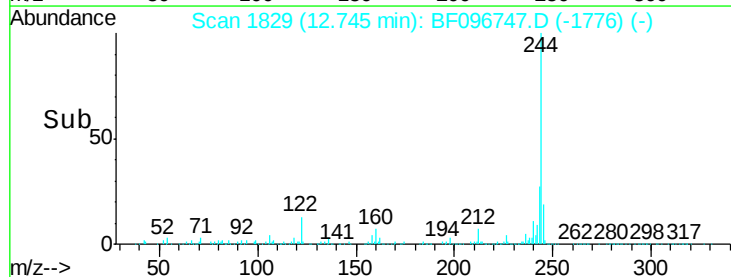
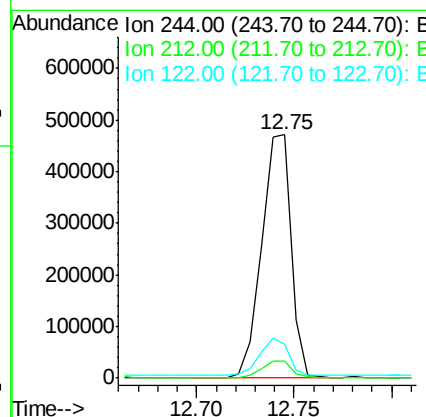
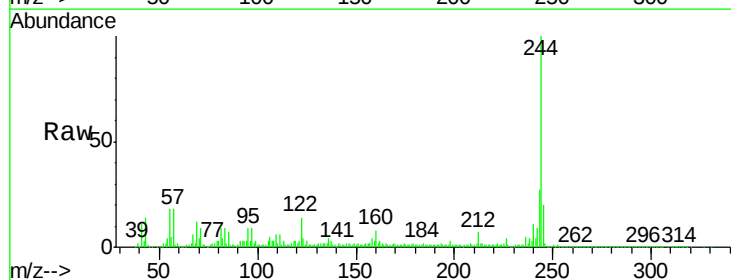
RT: 12.75 min Scan# 1829

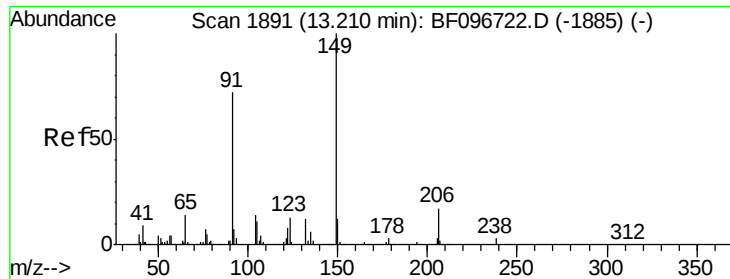
Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Tgt Ion:244	Resp:	491975
Ion Ratio	Lower	Upper
244	100	
212	6.9	6.0 9.0
122	14.0	10.3 15.5

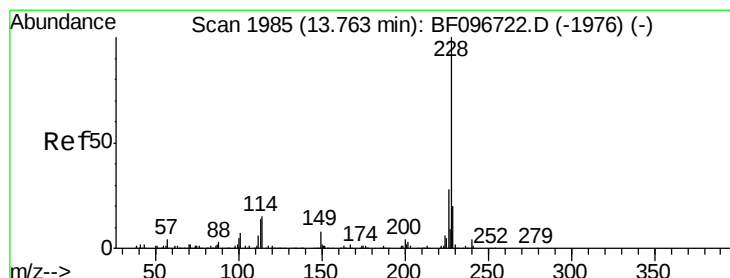
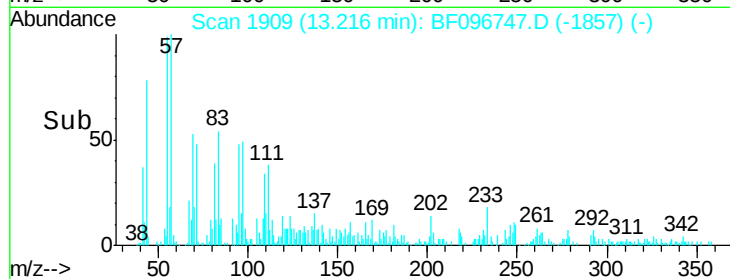
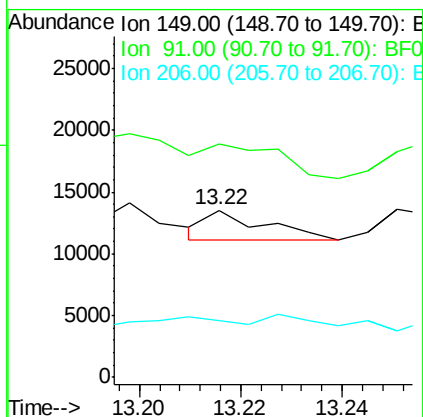
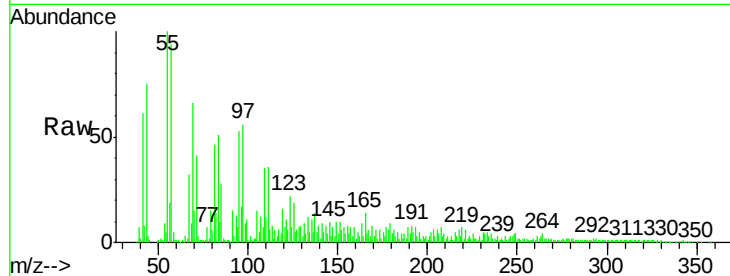




#79
Butylbenzylphthalate
Concen: 0.64 ng
RT: 13.22 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

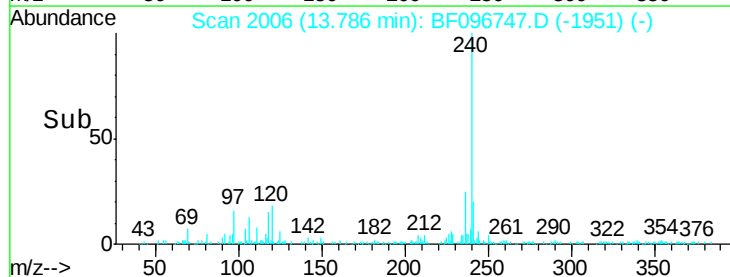
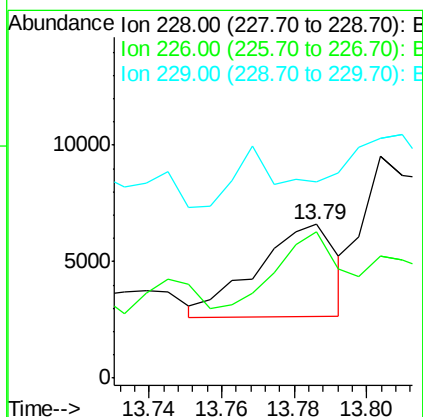
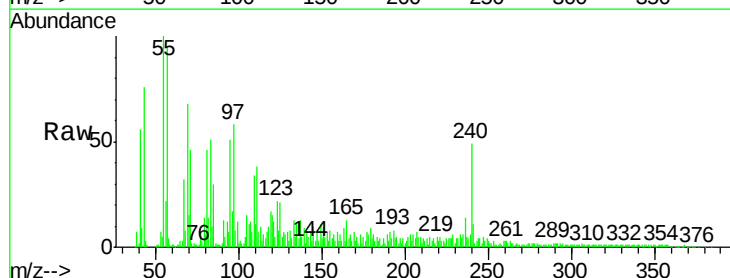
Instrument :
BNA_F
Client Sampled :
A3591

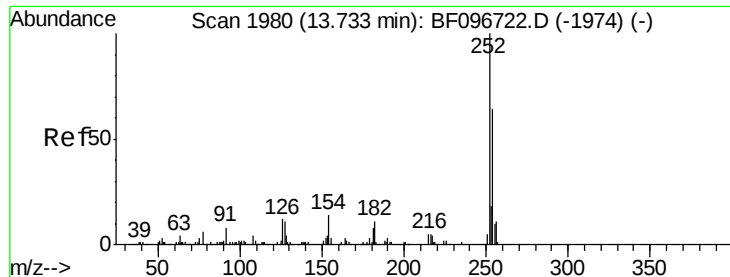
Tot Ion:149 Resp: 1857
Ion Ratio Lower Upper
149 100
91 139.9 45.0 67.4#
206 33.8 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 0.72 ng
RT: 13.79 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BF096747.D
Acq: 14 Jul 2017 00:26

Tgt Ion:228 Resp: 6033
Ion Ratio Lower Upper
228 100
226 95.2 22.6 33.8#
229 128.0 16.3 24.5#

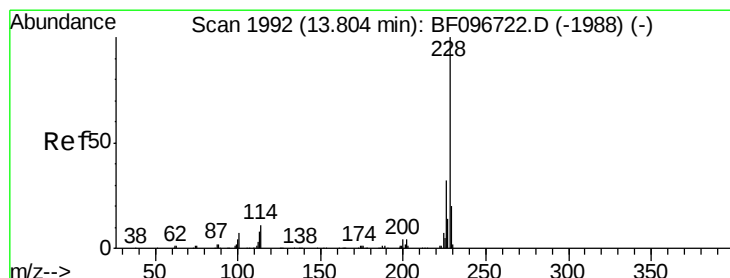
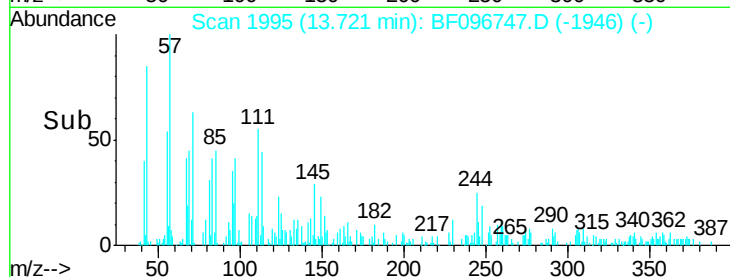
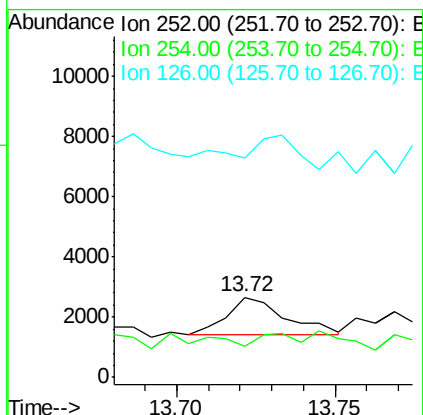
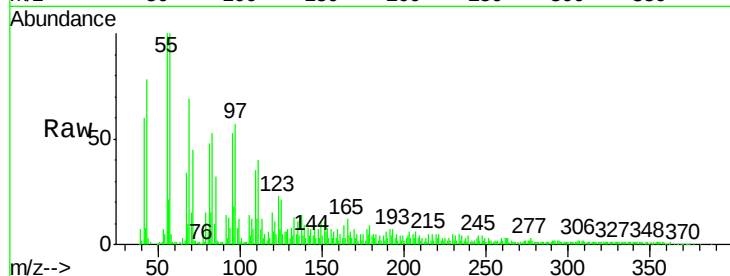




#81
 3,3'-Dichlorobenzidine
 Concen: 0.51 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

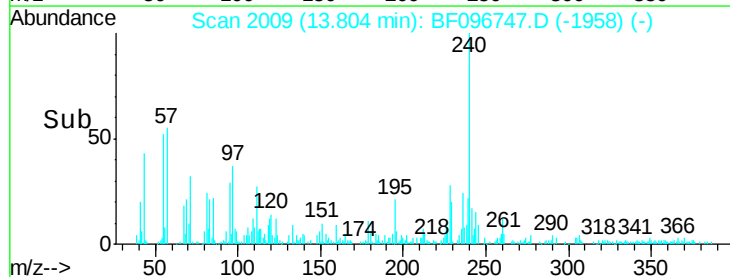
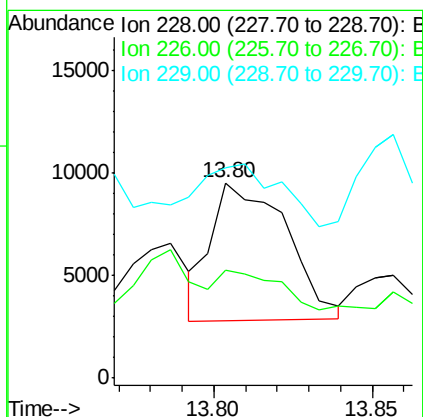
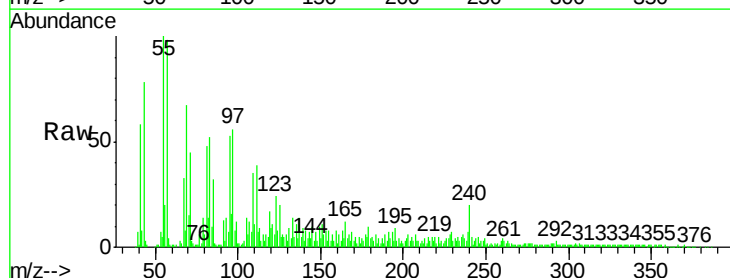
Instrument :
 BNA_F
 ClientSampleId :
 A3591

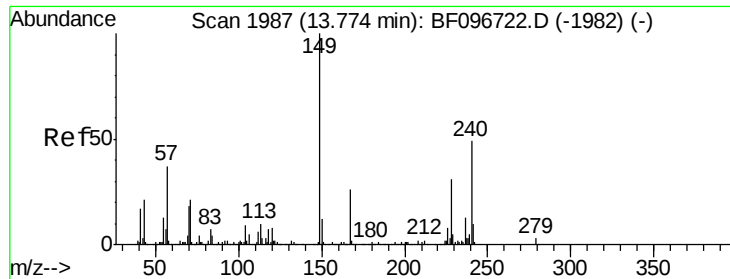
Tot Ion:252 Resp: 1549
 Ion Ratio Lower Upper
 252 100
 254 38.8 51.5 77.3#
 126 275.0 15.8 23.8#



#82
 Chrysene
 Concen: 1.34 ng
 RT: 13.80 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:228 Resp: 11101
 Ion Ratio Lower Upper
 228 100
 226 55.2 24.9 37.3#
 229 107.9 15.8 23.6#

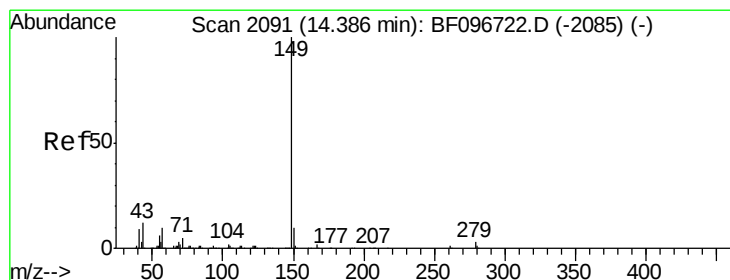
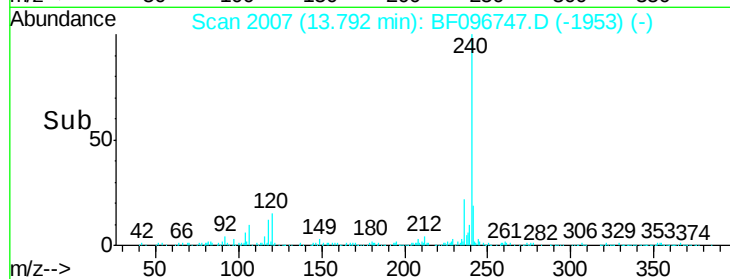
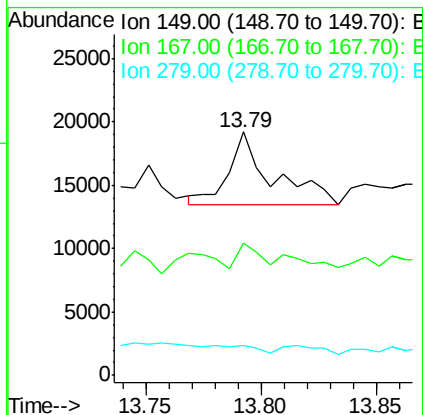
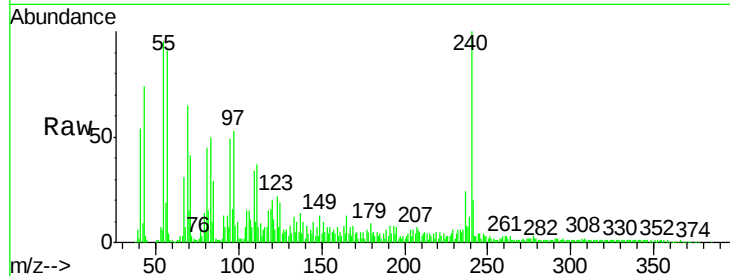




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.05 ng
 RT: 13.79 min Scan# 2007
 Delta R.T. 0.02 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

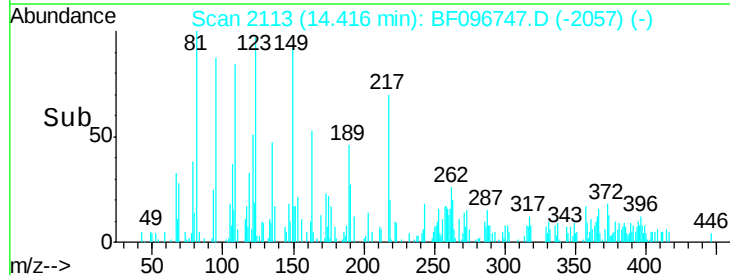
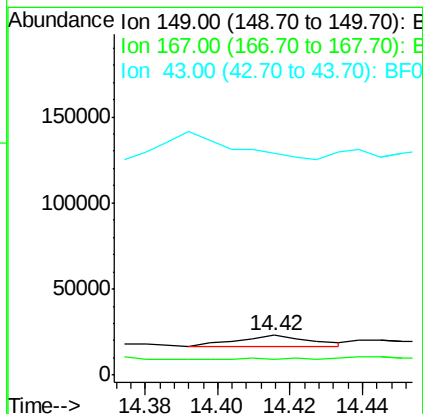
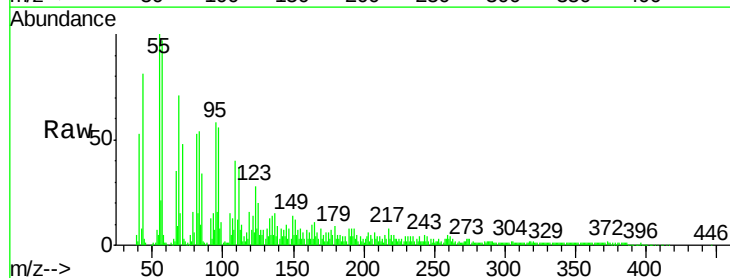
Instrument :
 BNA_F
 ClientSampleId :
 A3591

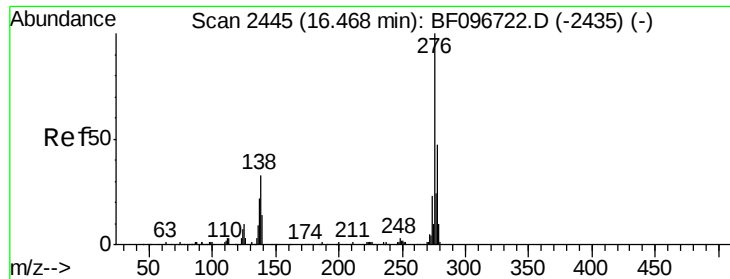
Tot Ion:149 Resp: 7431
 Ion Ratio Lower Upper
 149 100
 167 54.4 21.0 31.4#
 279 12.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 0.76 ng
 RT: 14.42 min Scan# 2113
 Delta R.T. 0.03 min
 Lab File: BF096747.D
 Acq: 14 Jul 2017 00:26

Tgt Ion:149 Resp: 8915
 Ion Ratio Lower Upper
 149 100
 167 17.7 1.2 1.8#
 43 0.0 8.5 12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.36 ng

RT: 16.47 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

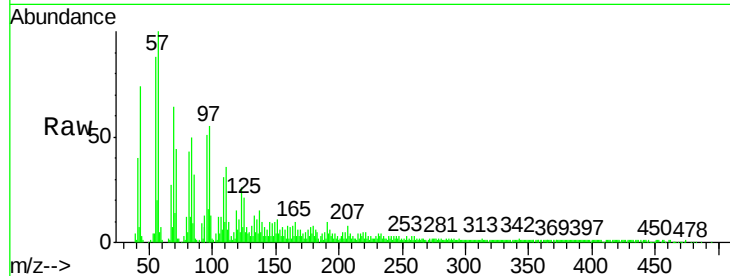
Tot Ion:276 Resp: 266

Ion Ratio Lower Upper

276 100

138 235.7 27.8 41.6#

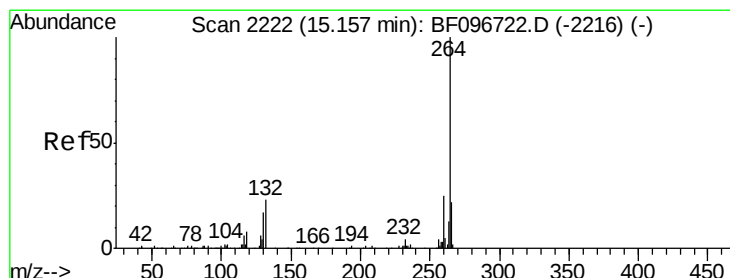
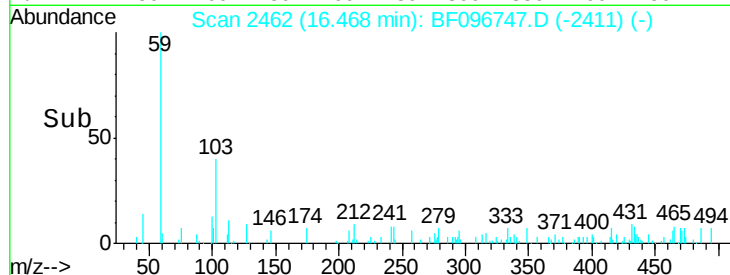
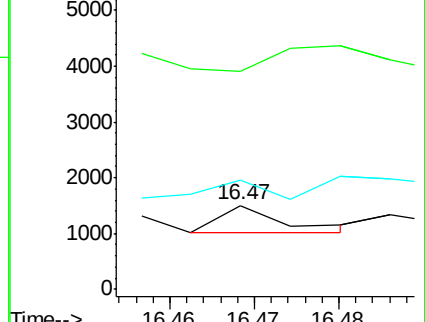
277 133.5 20.2 30.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 2246

Delta R.T. 0.04 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

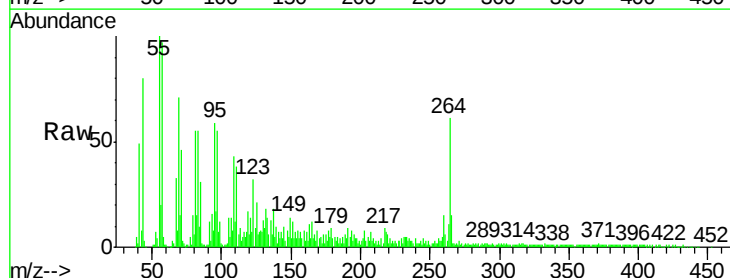
Tgt Ion:264 Resp: 89465

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

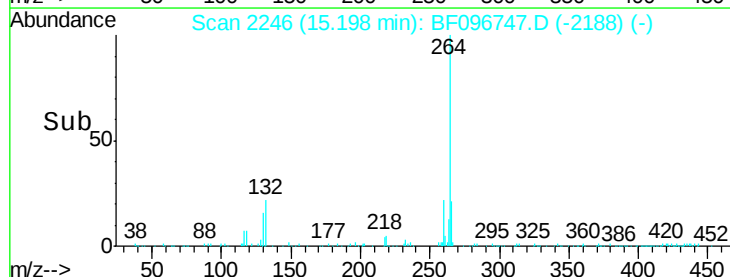
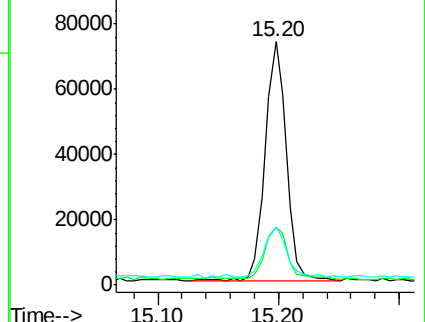
265 24.0 17.2 25.8

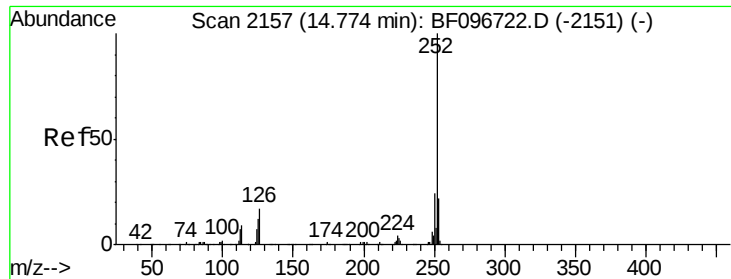


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.95 ng

RT: 14.80 min Scan# 2179

Delta R.T. 0.03 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

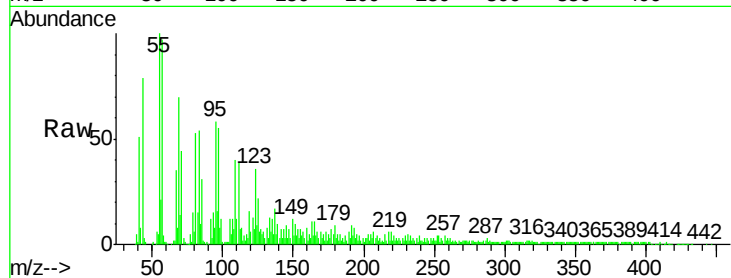
Tot Ion:252 Resp: 5131

Ion Ratio Lower Upper

252 100

253 120.4 18.1 27.1#

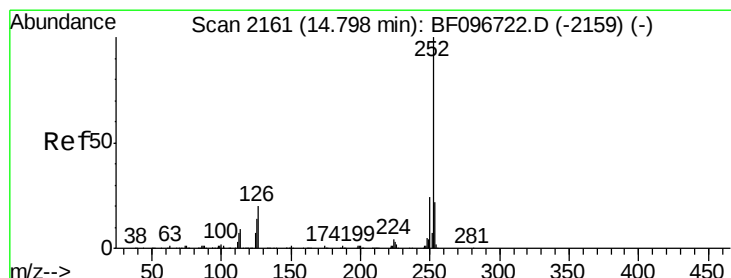
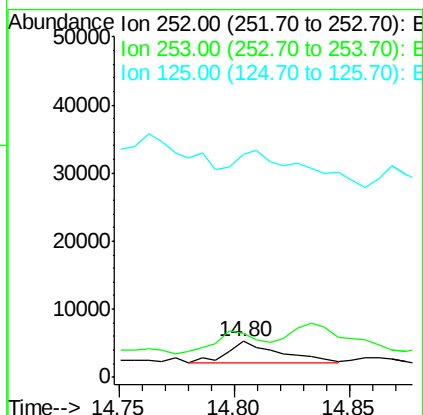
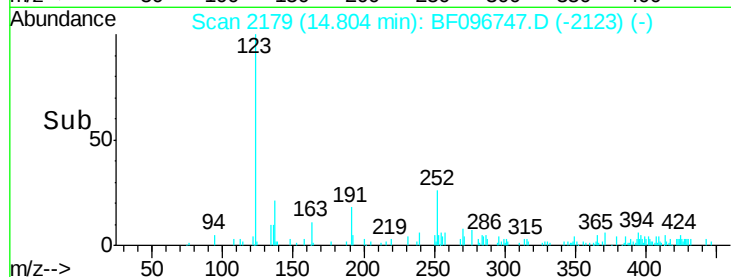
125 616.7 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.25 ng

RT: 14.86 min Scan# 2189

Delta R.T. 0.06 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

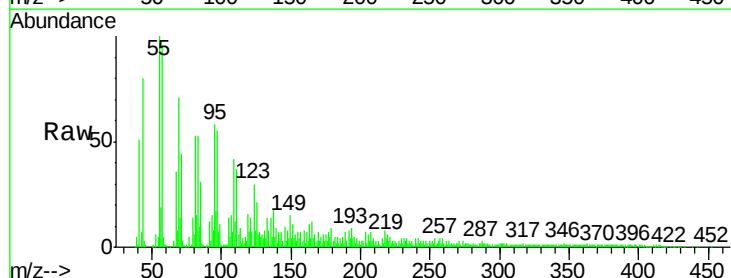
Tgt Ion:252 Resp: 1268

Ion Ratio Lower Upper

252 100

253 170.3 18.4 27.6#

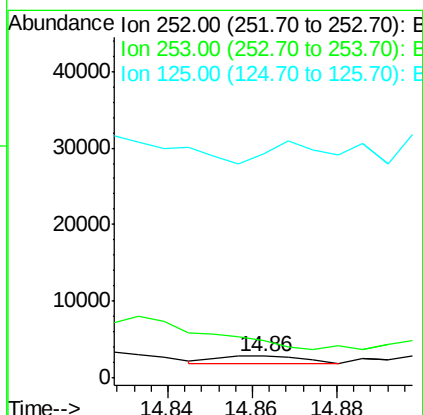
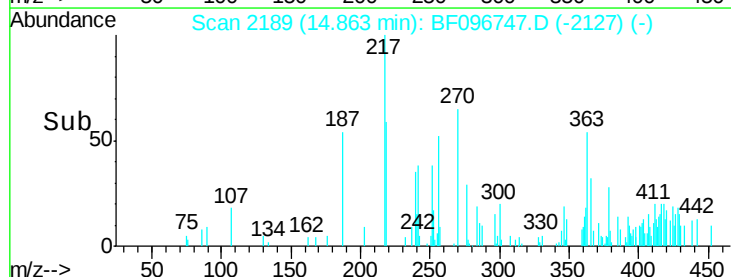
125 1026.7 13.1 19.7#

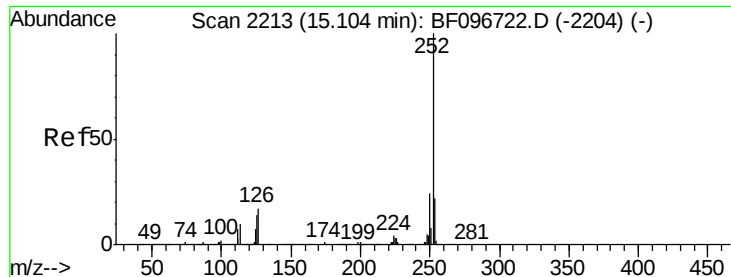


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.78 ng

RT: 15.14 min Scan# 2236

Delta R.T. 0.04 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

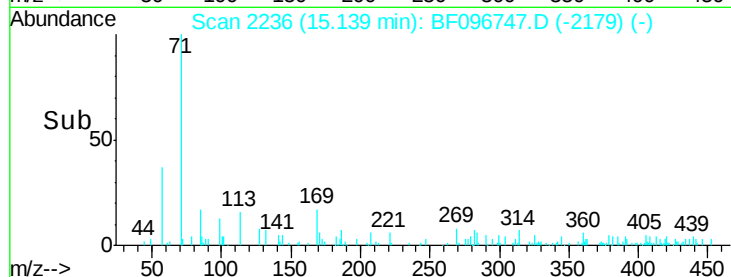
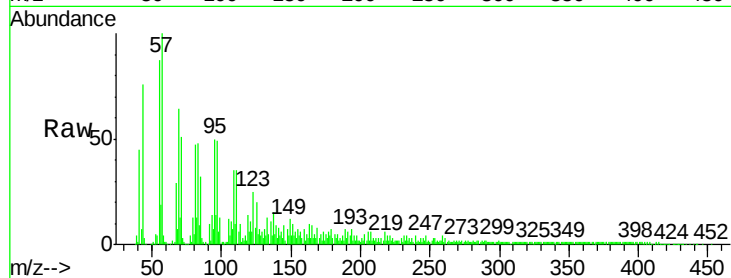
Tot Ion:252 Resp: 3876

Ion Ratio Lower Upper

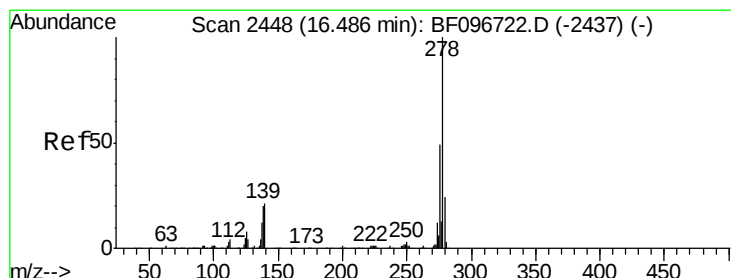
252 100

253 84.3 17.5 26.3#

125 659.9 11.0 16.4#



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 0.05 ng

RT: 16.50 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

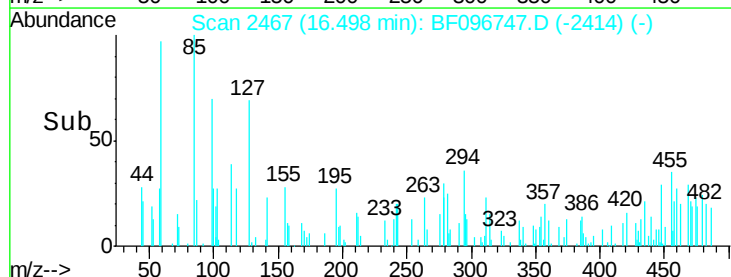
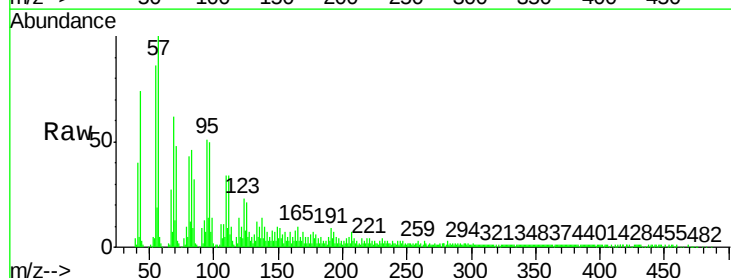
Tgt Ion:278 Resp: 208

Ion Ratio Lower Upper

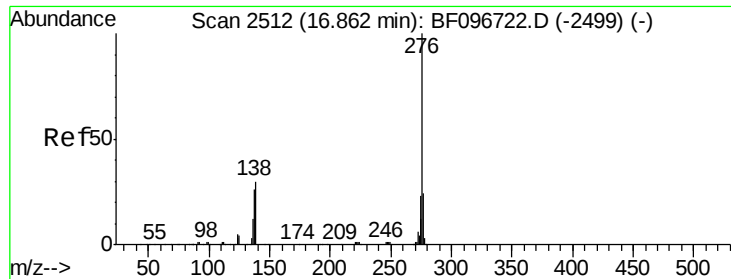
278 100

139 611.2 16.6 24.8#

279 139.6 19.3 28.9#



Time-->



#91

Benzo(a,h,i)perylene

Concen: 0.91 ng

RT: 16.92 min Scan# 2538

Delta R.T. 0.05 min

Lab File: BF096747.D

Acq: 14 Jul 2017 00:26

Instrument :

BNA_F

ClientSampleId :

A3591

Tot Ion: 276 Resp: 4434

Ion Ratio Lower Upper

276 100

277 71.0 18.6 28.0#

138 150.1 25.4 38.0#

