

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096783.D
 Acq On : 14 Jul 2017 20:38
 Operator : SJ/JU
 Sample : PB100646BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:52:14 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	6.62	152	111997	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	477326	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	181287	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	318021	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	217076	20.00	ng	-0.01
86) Perylene-d12	15.14	264	185287	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	608564	81.70	ng	0.00
7) Phenol-d6	6.27	99	728095	81.45	ng	-0.01
23) Nitrobenzene-d5	7.19	82	629705	81.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	142177	91.88	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1084958	94.55	ng	-0.01
78) Terphenyl-d14	12.72	244	831278	66.41	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	109597	28.59	ng	# 78
3) Pyridine	2.96	79	283586	35.21	ng	# 61
4) n-Nitrosodimethylamine	2.91	42	170276	37.80	ng	# 82
6) Aniline	6.29	93	273195	24.81	ng	# 4
8) 2-Chlorophenol	6.41	128	323387	40.24	ng	# 95
9) Benzaldehyde	6.17	77	157644	30.51	ng	# 97
10) Phenol	6.29	94	386515	38.25	ng	# 79
11) bis(2-Chloroethyl)ether	6.36	93	304447	40.07	ng	# 89
12) 1,3-Dichlorobenzene	6.56	146	335843	39.32	ng	# 96
13) 1,4-Dichlorobenzene	6.56	146	335843	38.83	ng	# 93
14) 1,2-Dichlorobenzene	6.80	146	304196	38.66	ng	# 97
15) Benzyl Alcohol	6.77	79	253290	43.28	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	659001	42.02	ng	# 91
17) 2-Methylphenol	6.89	107	259411	41.51	ng	# 98
18) Hexachloroethane	7.14	117	125347	40.87	ng	# 85
19) n-Nitroso-di-n-propylamine	7.05	70	207708	38.57	ng	# 85
20) 3+4-Methylphenols	7.05	107	305879	40.34	ng	# 82
22) Acetophenone	7.04	105	416128	39.01	ng	# 95
24) Nitrobenzene	7.21	77	315450	39.58	ng	# 91
25) Isophorone	7.45	82	507396	35.39	ng	# 96
26) 2-Nitrophenol	7.53	139	172036	38.82	ng	# 90
27) 2,4-Dimethylphenol	7.57	122	287248	39.40	ng	# 97
28) bis(2-Chloroethoxy)methane	7.66	93	384700	39.71	ng	# 98
29) 2,4-Dichlorophenol	7.77	162	263065	39.86	ng	# 96
30) 1,2,4-Trichlorobenzene	7.85	180	248772	39.65	ng	# 96
31) Naphthalene	7.93	128	915217	40.47	ng	# 100
32) Benzoic acid	7.71	122	204487	43.88	ng	# 93
33) 4-Chloroaniline	7.98	127	132974	14.84	ng	# 96
34) Hexachlorobutadiene	8.05	225	114183	34.09	ng	# 97
35) Caprolactam	8.35	113	45017	21.29	ng	# 65
36) 4-Chloro-3-methylphenol	8.47	107	259531	36.57	ng	# 90
37) 2-Methylnaphthalene	8.62	142	613694	42.57	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	208232	42.49	ng	# 99
40) Hexachlorocyclopentadiene	8.78	237	184918	99.06	ng	# 99

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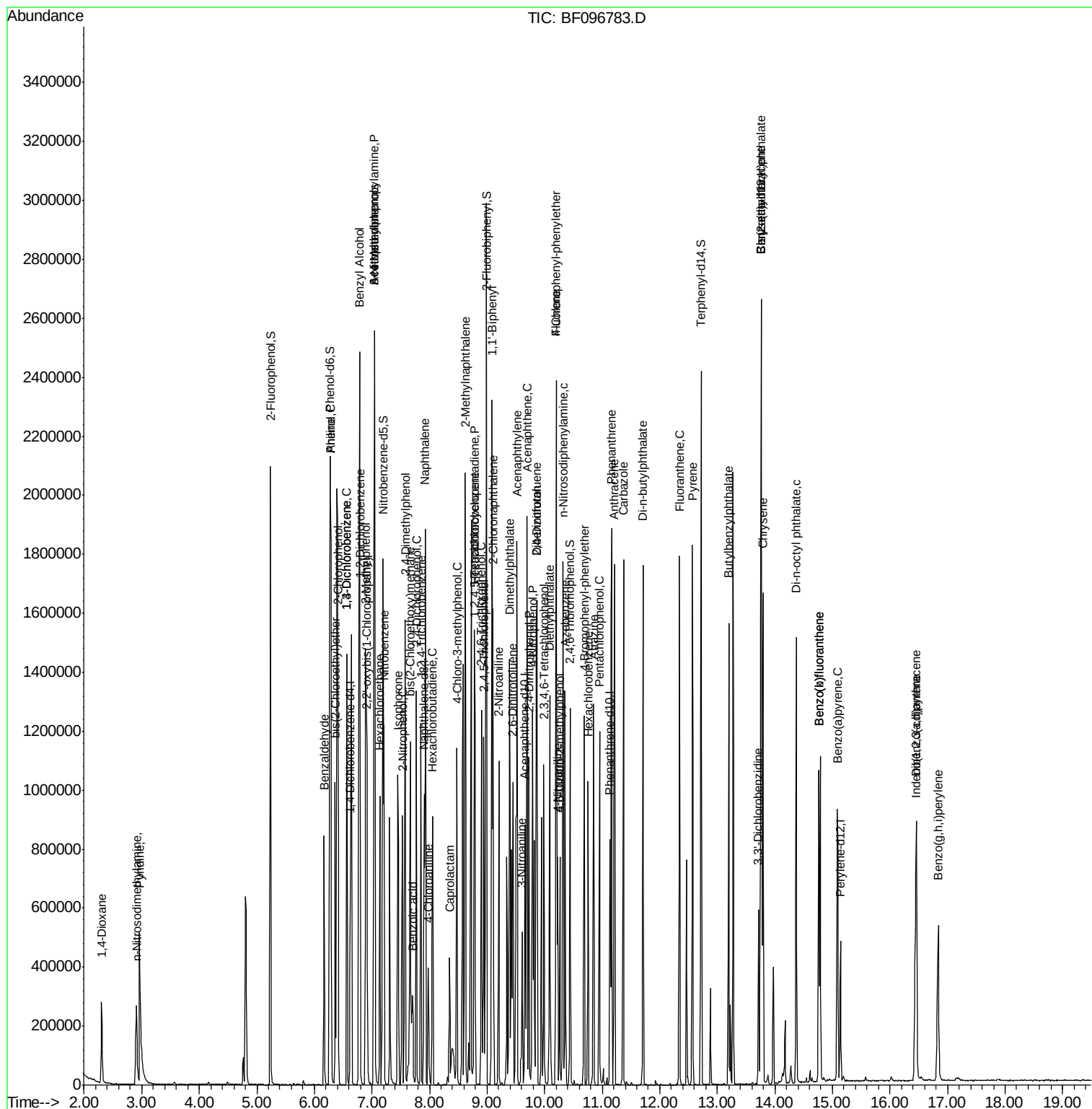
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	166716	46.12	nq	98
43) 2,4,5-Trichlorophenol	8.95	196	171544	47.05	nq	97
45) 1,1'-Biphenyl	9.09	154	683275	43.95	nq	98
46) 2-Chloronaphthalene	9.11	162	535770	46.80	nq	96
47) 2-Nitroaniline	9.20	65	188950	48.01	nq	95
48) Acenaphthylene	9.52	152	842201	46.17	nq	99
49) Dimethylphthalate	9.39	163	634018	46.45	nq	99
50) 2,6-Dinitrotoluene	9.45	165	141907	48.00	nq	# 91
51) Acenaphthene	9.69	154	433020	40.18	nq	100
52) 3-Nitroaniline	9.61	138	77142	22.02	nq	91
53) 2,4-Dinitrophenol	9.73	184	127477	86.48	nq	# 78
54) Dibenzofuran	9.86	168	650026	43.05	nq	97
55) 4-Nitrophenol	9.79	139	214299	83.75	nq	# 70
56) 2,4-Dinitrotoluene	9.86	165	162306	42.72	nq	# 80
57) Fluorene	10.20	166	483391	43.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	120037	47.48	nq	98
59) Diethylphthalate	10.09	149	543448	40.90	nq	99
60) 4-Chlorophenyl-phenylether	10.20	204	200409	42.80	nq	96
61) 4-Nitroaniline	10.23	138	144850	44.04	nq	93
62) Azobenzene	10.36	77	511247	43.61	nq	93
64) 4,6-Dinitro-2-methylphenol	10.26	198	88879	44.51	nq	84
65) n-Nitrosodiphenylamine	10.32	169	454193	39.95	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	133376	41.08	nq	98
67) Hexachlorobenzene	10.76	284	142385	39.37	nq	# 94
68) Atrazine	10.85	200	138126	42.65	nq	94
69) Pentachlorophenol	10.95	266	141478	80.98	nq	97
70) Phenanthrene	11.16	178	725650	41.96	nq	99
71) Anthracene	11.21	178	757258	43.31	nq	98
72) Carbazole	11.37	167	724805	42.81	nq	98
73) Di-n-butylphthalate	11.71	149	860600	40.81	nq	99
74) Fluoranthene	12.34	202	744944	45.01	nq	99
77) Pyrene	12.57	202	771022	39.14	nq	99
79) Butylbenzylphthalate	13.20	149	363883	77.75	nq	# 80
80) Benzo(a)anthracene	13.76	228	579518	42.85	nq	99
81) 3,3'-Dichlorobenzidine	13.72	252	112829	23.20	nq	# 94
82) Chrysene	13.79	228	557166	41.84	nq	98
83) Bis(2-ethylhexyl)phthalate	13.76	149	440674	38.66	nq	99
84) Di-n-octyl phthalate	14.37	149	768348	40.78	nq	96
85) Indeno(1,2,3-cd)pyrene	16.44	276	444713	36.37	nq	99
87) Benzo(b)fluoranthene	14.76	252	473696	42.39	nq	98
88) Benzo(k)fluoranthene	14.76	252	473696	44.76	nq	97
89) Benzo(a)pyrene	15.09	252	431780	42.13	nq	98
90) Dibenzo(a,h)anthracene	16.46	278	364856	38.69	nq	98
91) Benzo(g,h,i)perylene	16.84	276	384352	38.06	nq	96

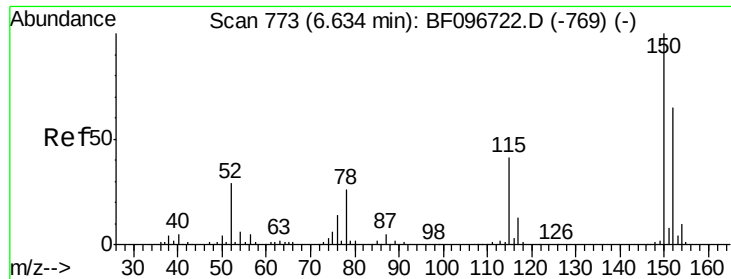
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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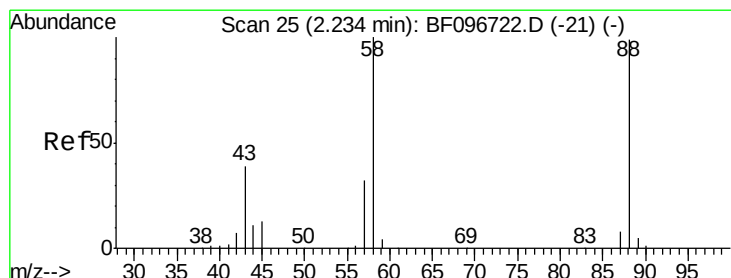
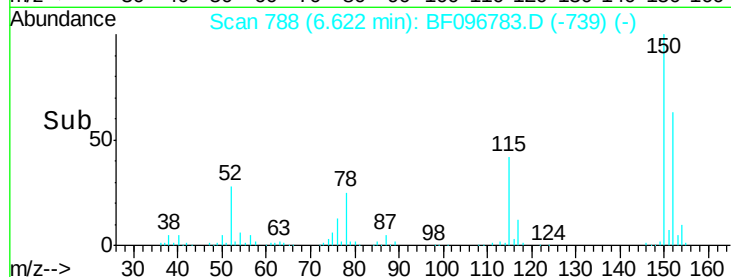
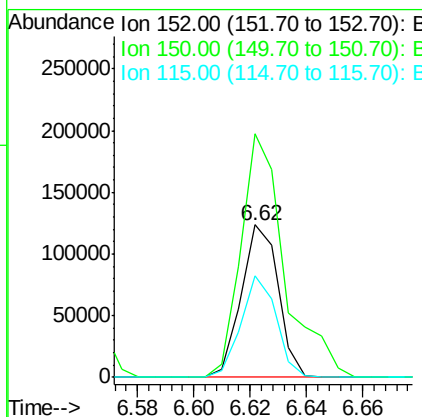
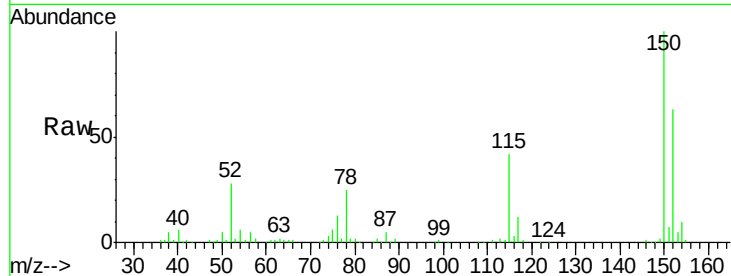


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

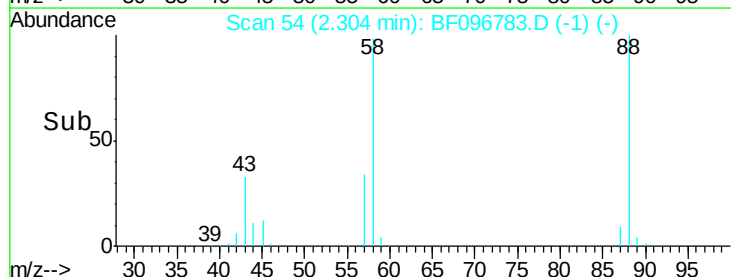
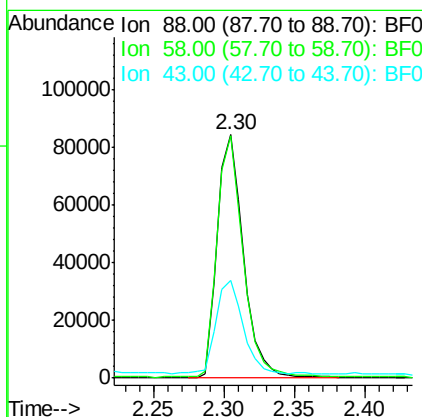
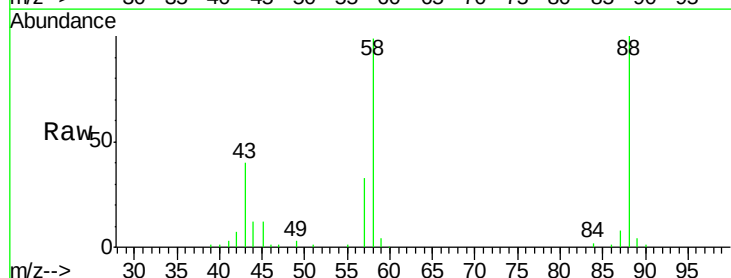
Tot Ion:152 Resp: 111997
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 66.7 52.2 78.2

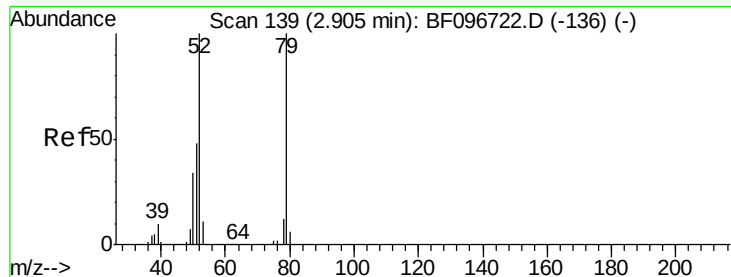


#2

1,4-Dioxane
Concen: 28.59 ng
RT: 2.30 min Scan# 54
Delta R.T. 0.07 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion: 88 Resp: 109597
Ion Ratio Lower Upper
88 100
58 97.3 61.4 92.0#
43 38.9 23.4 35.0#





#3

Pvridine

Concen: 35.21 ng

RT: 2.96 min Scan# 166

Delta R.T. 0.06 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

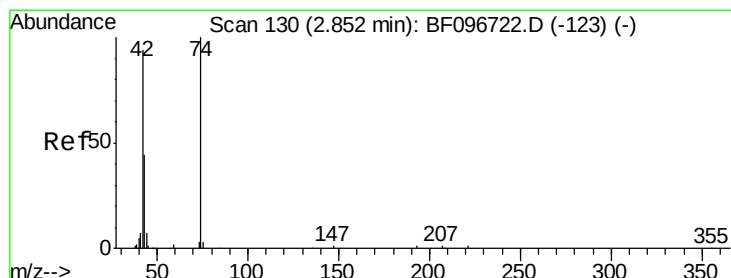
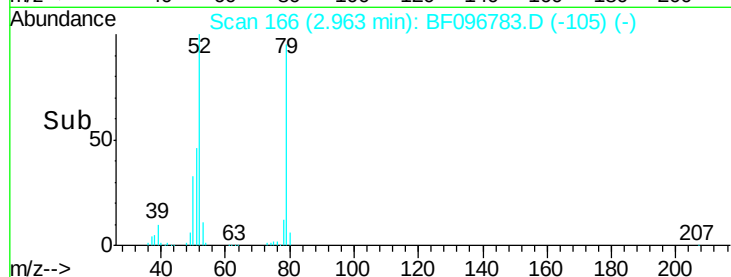
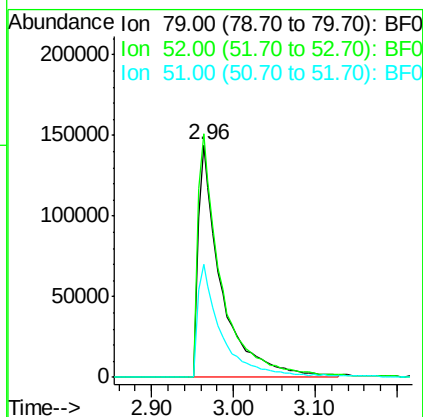
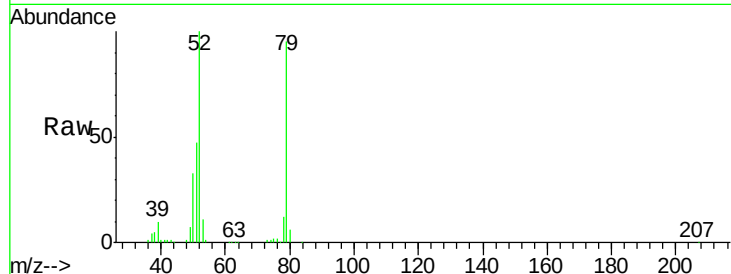
Tot Ion: 79 Resp: 283586

Ion Ratio Lower Upper

79 100

52 104.7 54.8 82.2#

51 48.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 37.80 ng

RT: 2.91 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

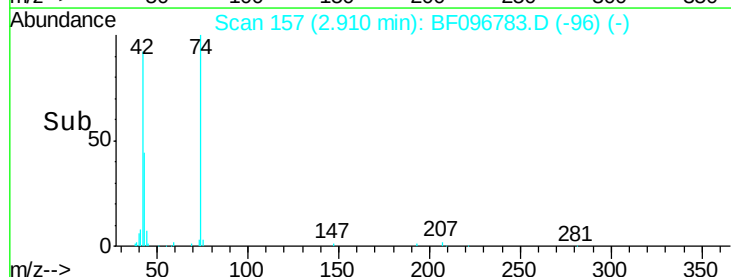
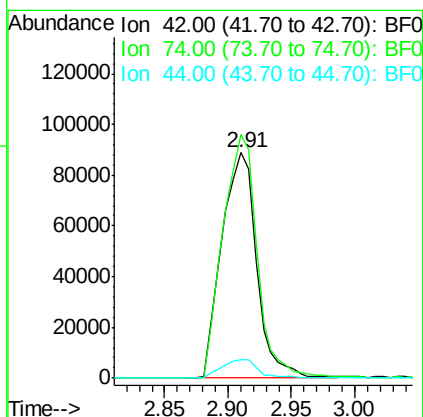
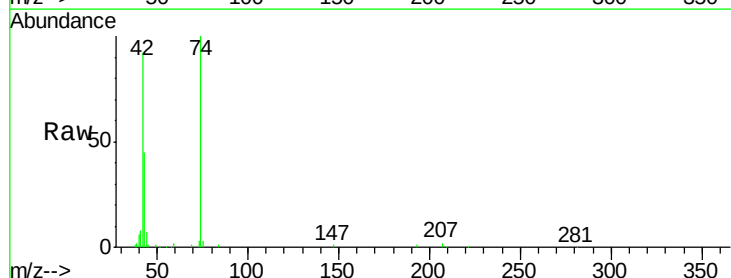
Tgt Ion: 42 Resp: 170276

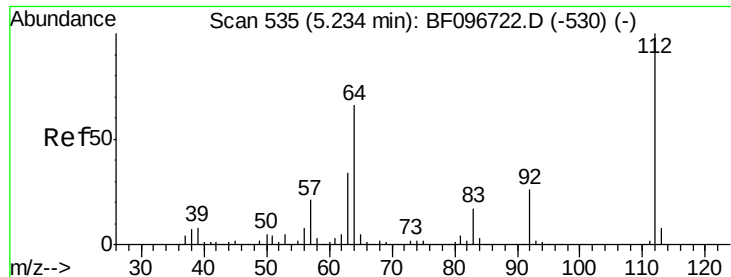
Ion Ratio Lower Upper

42 100

74 108.1 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 81.70 ng

RT: 5.23 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF096783.D

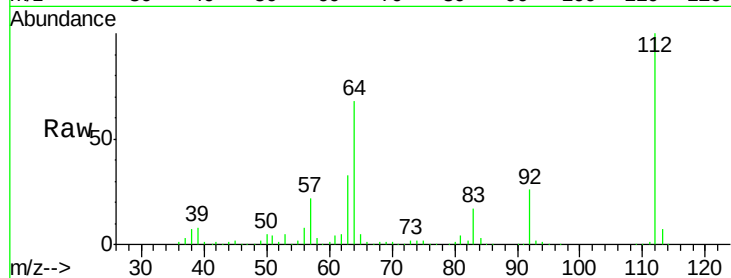
Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

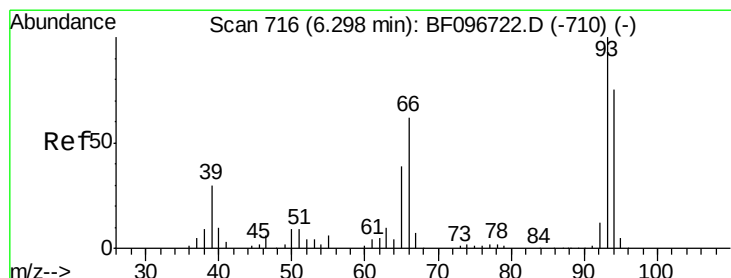
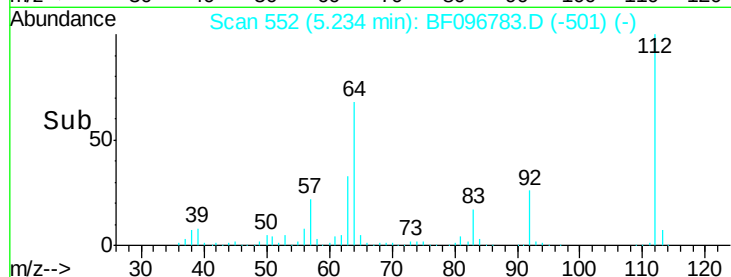
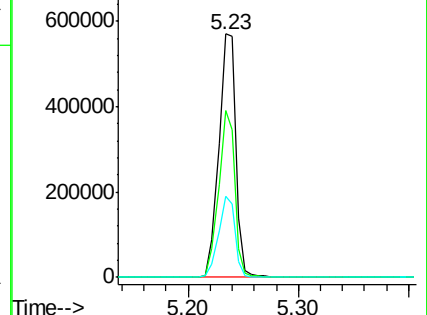
Tot Ion:	112	Resp:	608564
Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.0	69.0
63	33.3	23.4	35.0



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: 24.81 ng

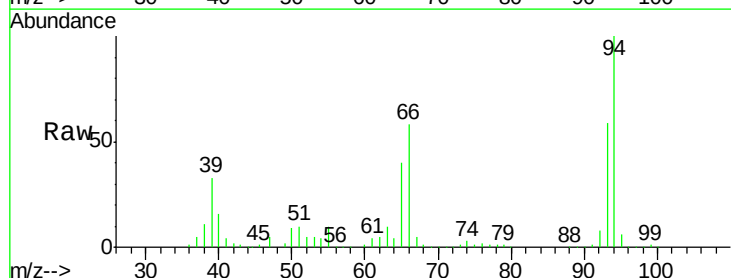
RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

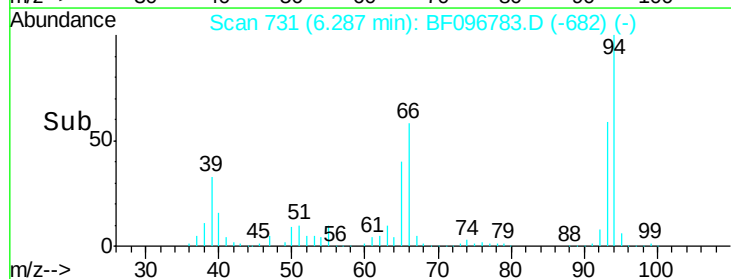
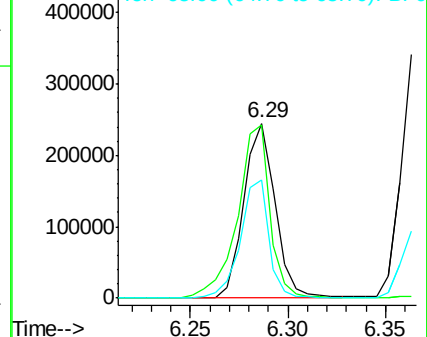
Tgt Ion:	93	Resp:	273195
Ion	Ratio	Lower	Upper
93	100		
66	99.1	32.9	49.3#
65	67.2	16.0	24.0#

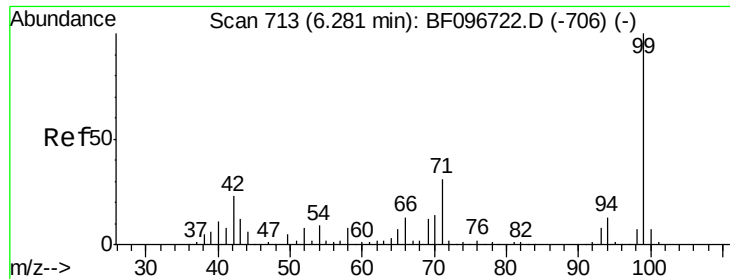


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.45 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

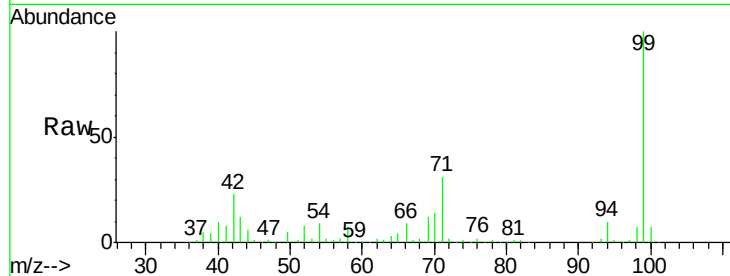
Instrument :

BNA_F

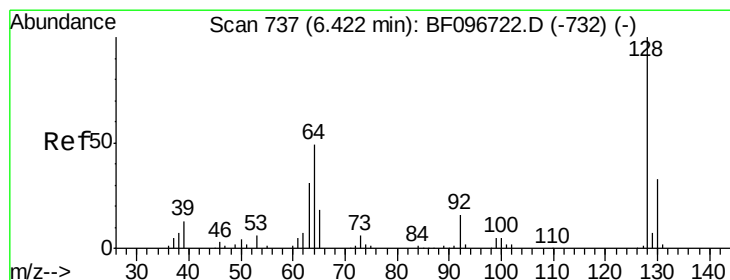
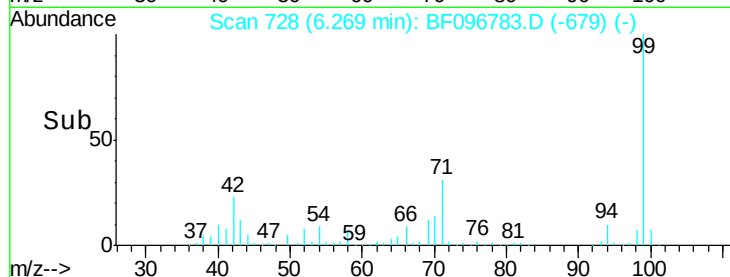
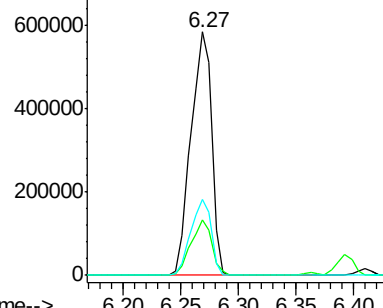
ClientSampleId :

Tot Ion: 99 Resp: 728095

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.4	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: 40.24 ng

RT: 6.41 min Scan# 752

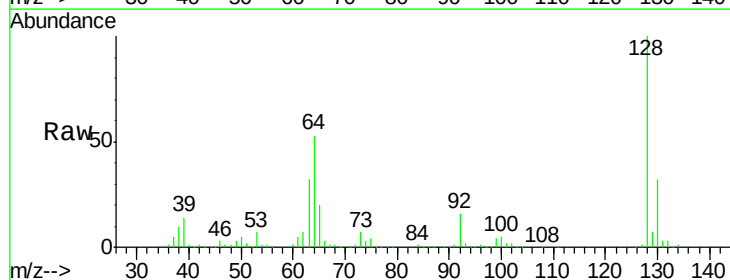
Delta R.T. -0.01 min

Lab File: BF096783.D

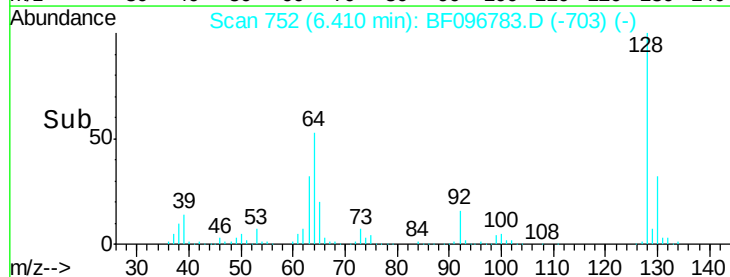
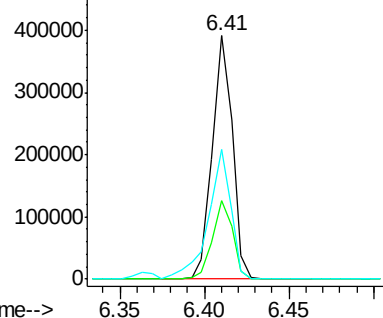
Acq: 14 Jul 2017 20:38

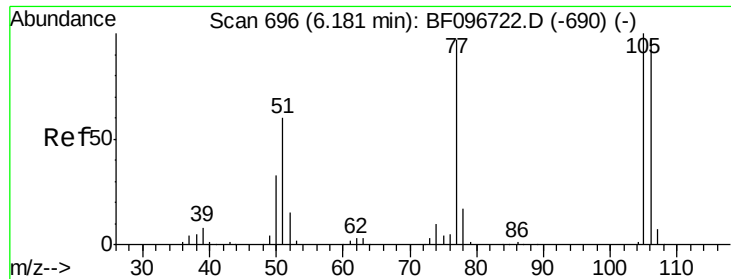
Tgt Ion: 128 Resp: 323387

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	53.0	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: 30.51 ng

RT: 6.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

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ClientSampleId :

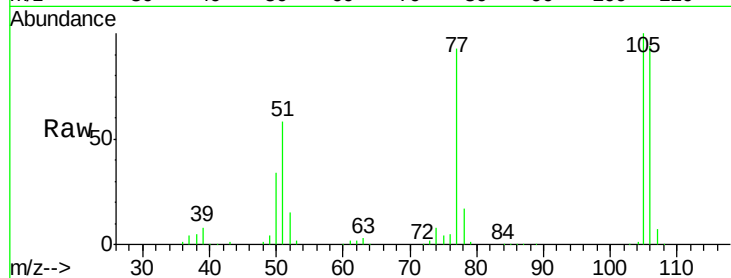
Tot Ion: 77 Resp: 157644

Ion Ratio Lower Upper

77 100

105 107.8 83.8 123.8

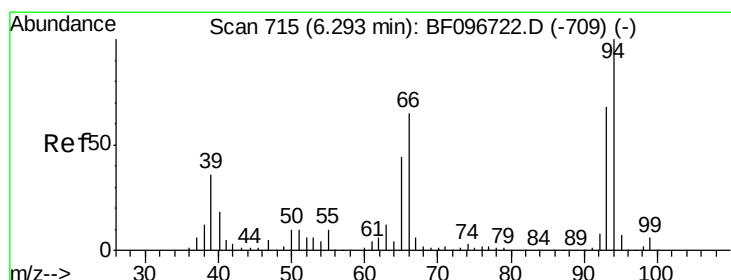
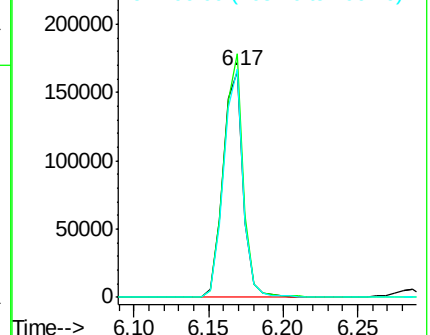
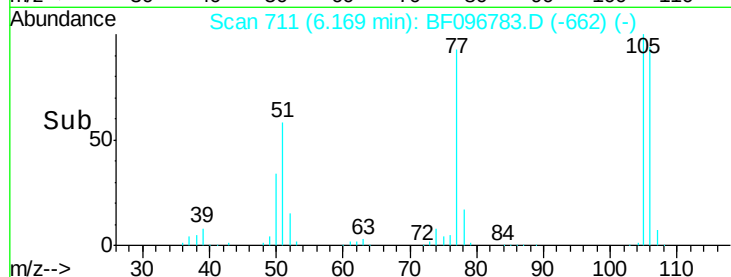
106 100.8 79.1 119.1



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: 38.25 ng

RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

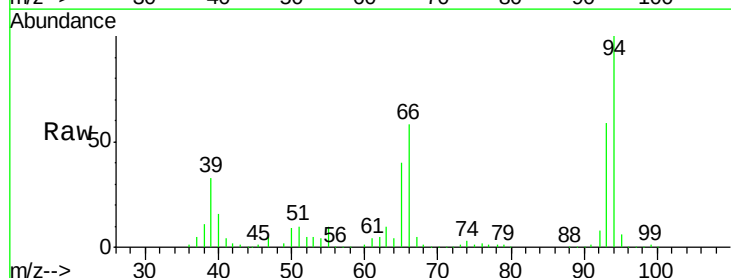
Tgt Ion: 94 Resp: 386515

Ion Ratio Lower Upper

94 100

65 39.6 9.9 49.9

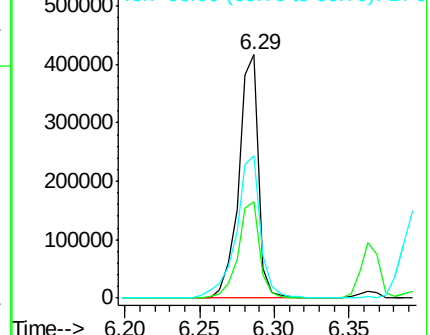
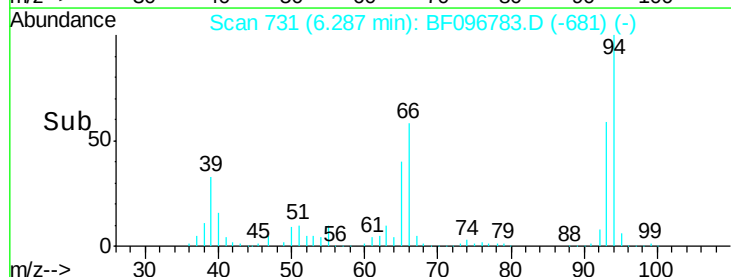
66 58.3 23.1 63.1

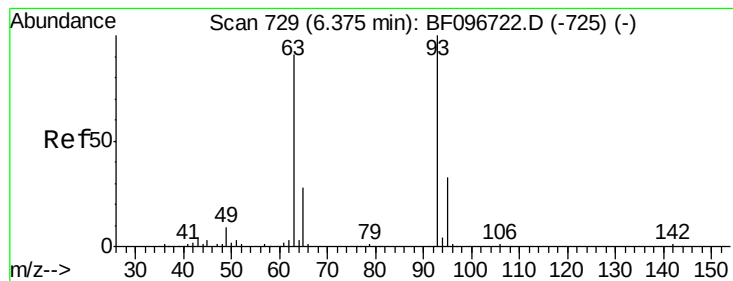


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

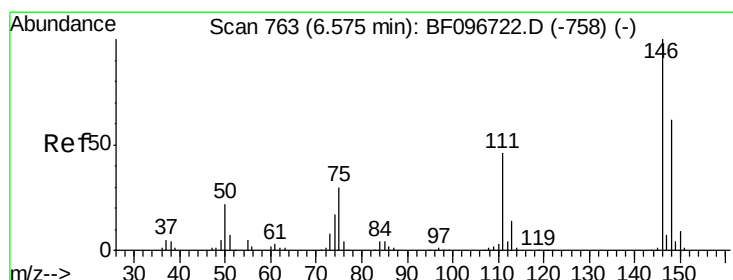
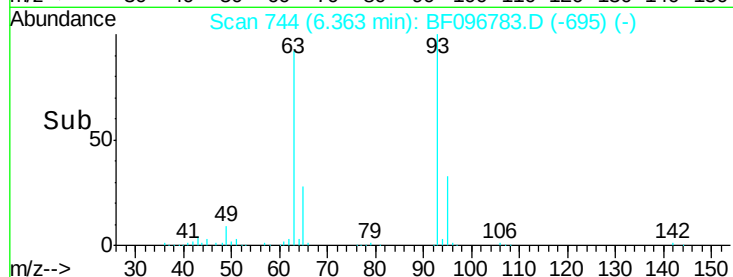
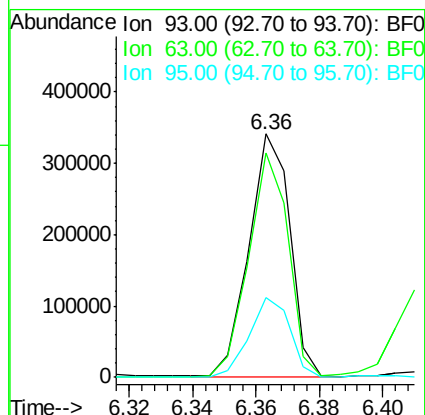
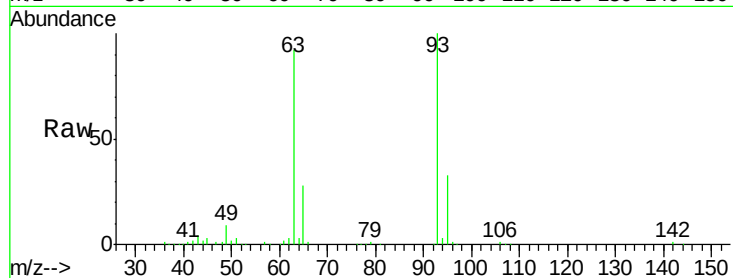




#11
bis(2-Chloroethyl)ether
Concen: 40.07 ng
RT: 6.36 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

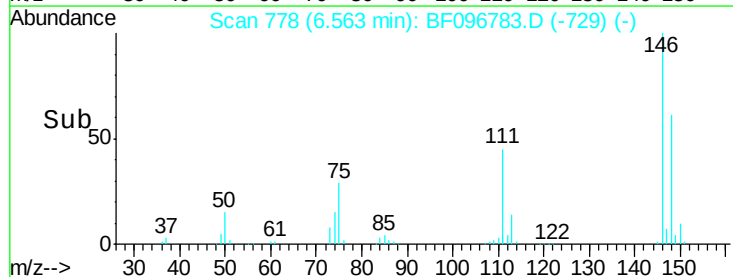
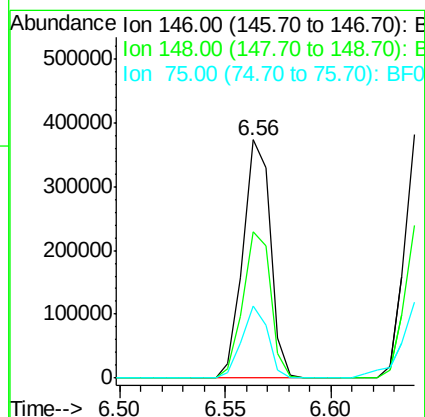
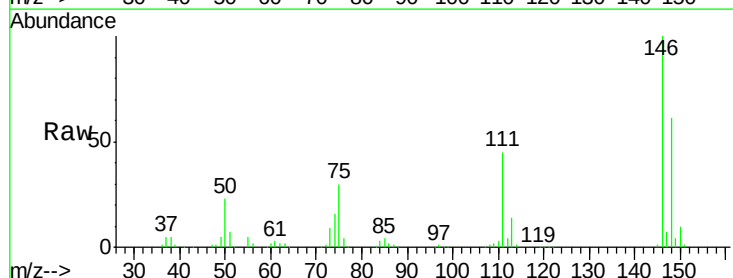
Instrument :
BNA_F
ClientSampleId :

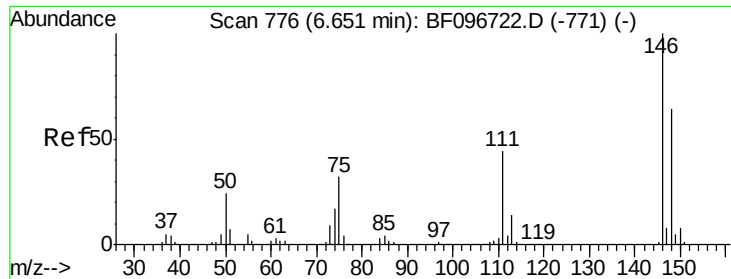
Tot Ion: 93 Resp: 304447
Ion Ratio Lower Upper
93 100
63 92.1 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.32 ng
RT: 6.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion: 146 Resp: 335843
Ion Ratio Lower Upper
146 100
148 61.3 51.8 77.6
75 30.1 23.1 34.7

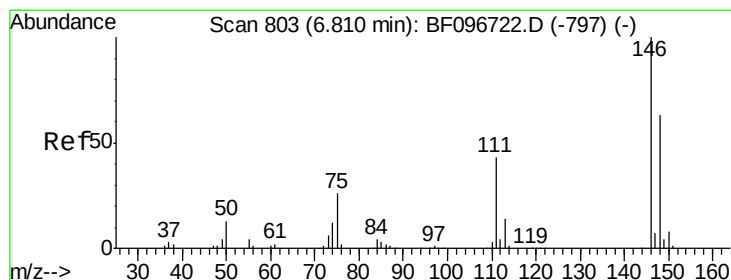
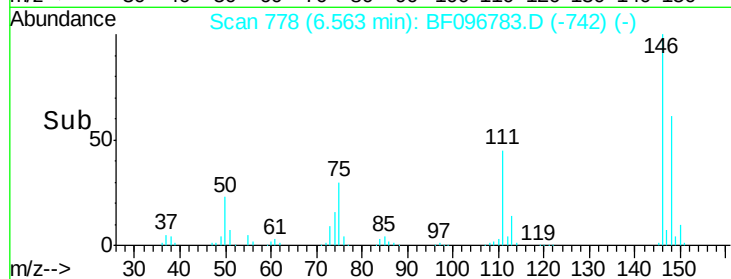
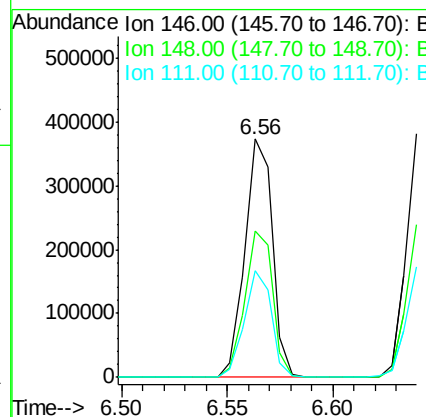
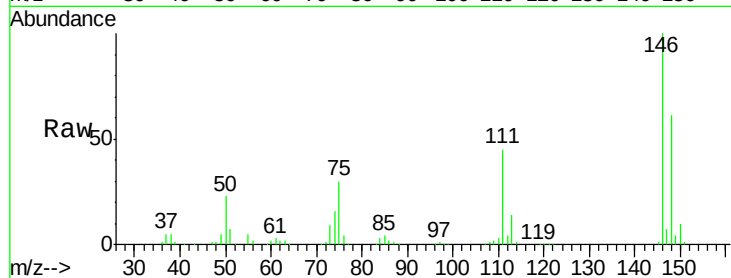




#13
 1,4-Dichlorobenzene
 Concen: 38.83 ng
 RT: 6.56 min Scan# 778
 Delta R.T. -0.09 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

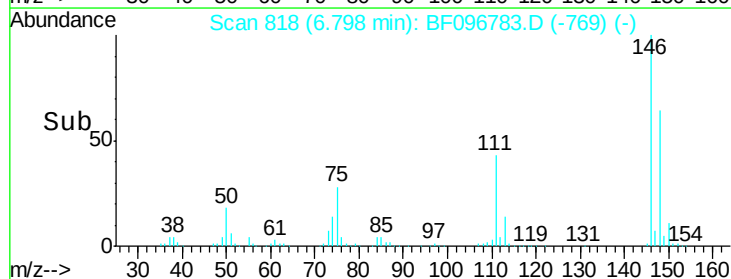
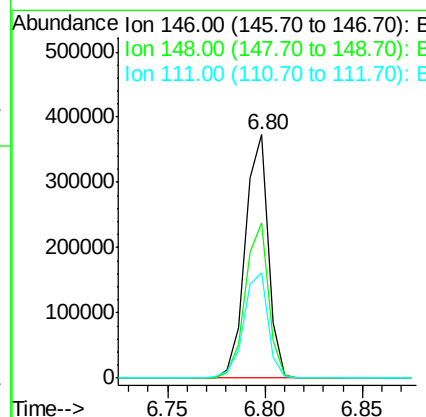
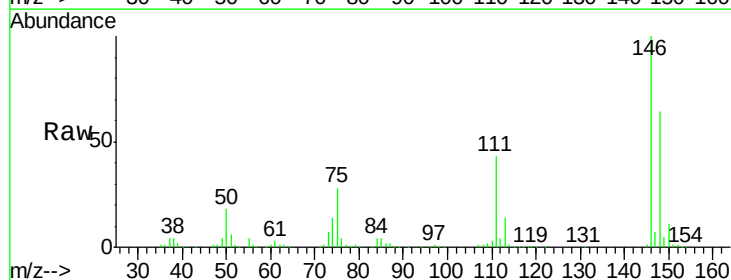
Instrument :
 BNA_F
 ClientSampleId :

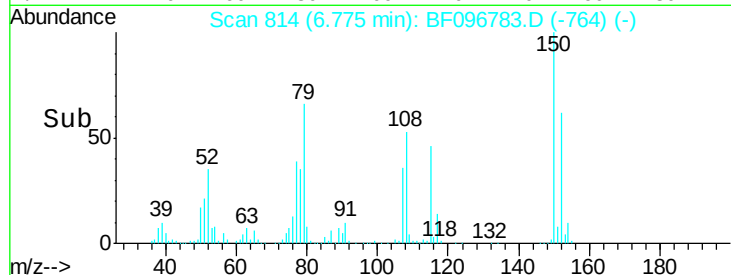
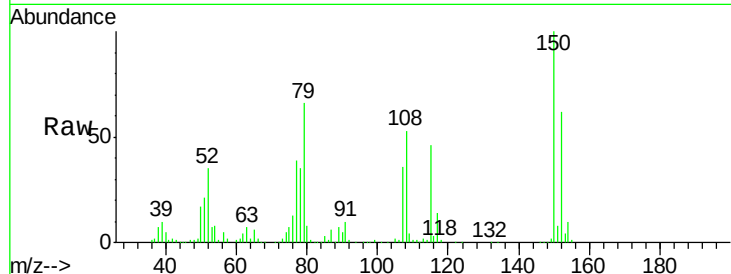
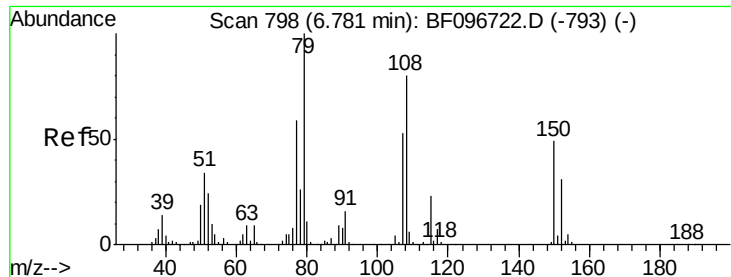
Tot Ion:146 Resp: 335843
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.2 78.2
 111 45.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.66 ng
 RT: 6.80 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

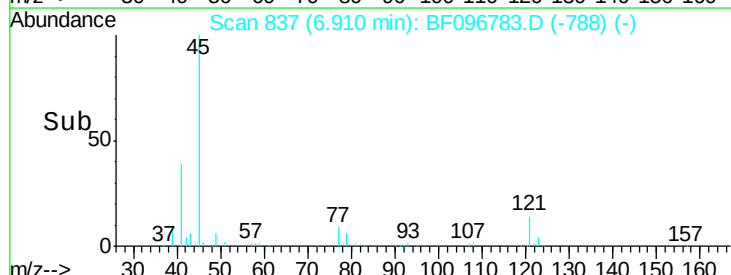
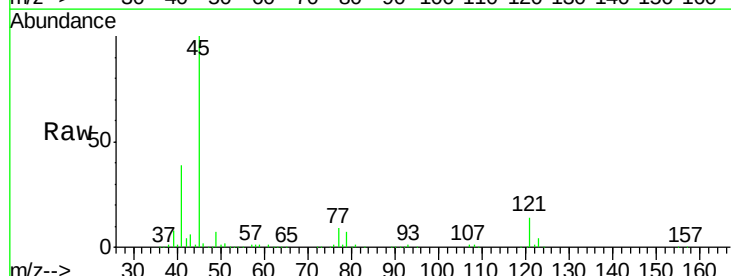
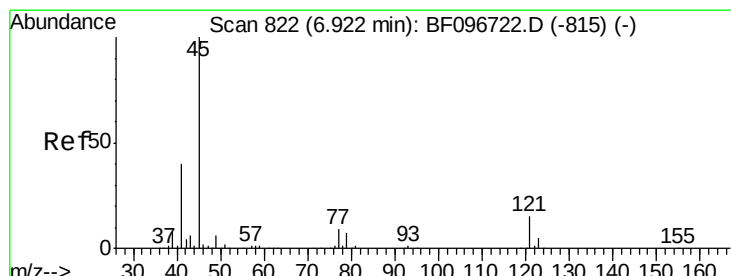
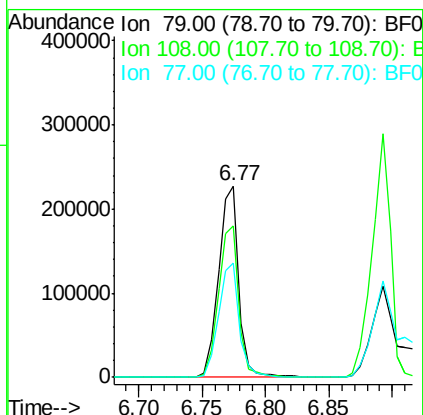
Tgt Ion:146 Resp: 304196
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 43.3 38.2 57.4





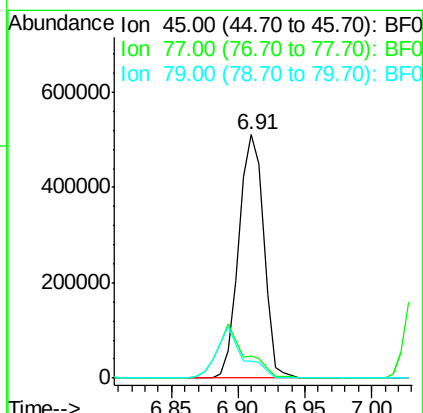
#15
Benzyl Alcohol
Concen: 43.28 ng
RT: 6.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

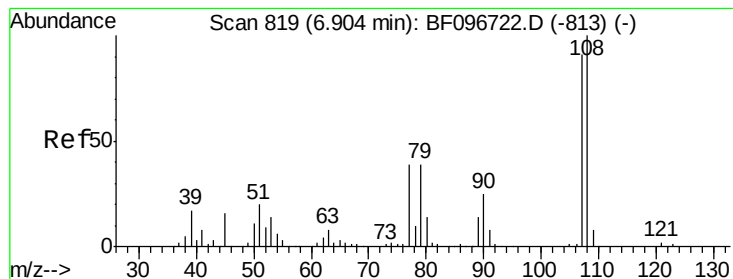
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.0
77	59.4	49.2	73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.02 ng
RT: 6.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.3	0.0	33.2
79	7.1	0.0	30.0





#17

2-Methylphenol

Concen: 41.51 ng

RT: 6.89 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 259411

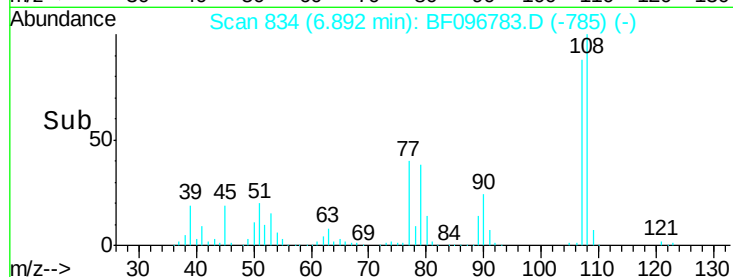
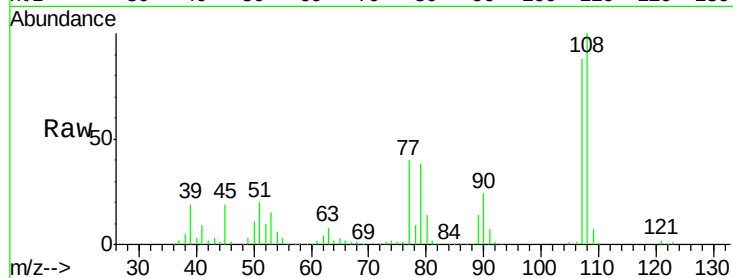
Ion Ratio Lower Upper

107 100

108 113.8 93.4 140.0

77 45.0 35.8 53.6

79 43.0 34.8 52.2

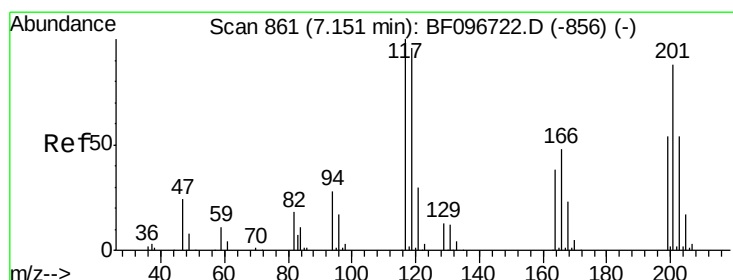
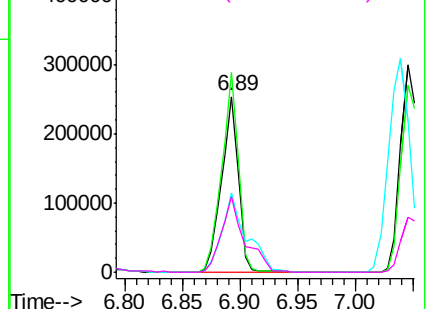


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.87 ng

RT: 7.14 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

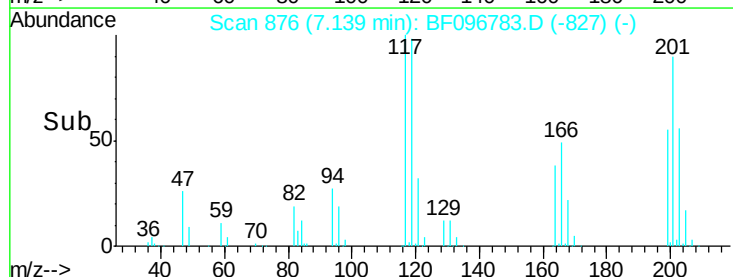
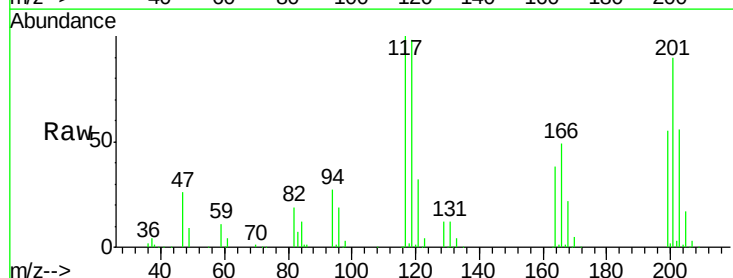
Tgt Ion:117 Resp: 125347

Ion Ratio Lower Upper

117 100

119 97.9 77.4 116.0

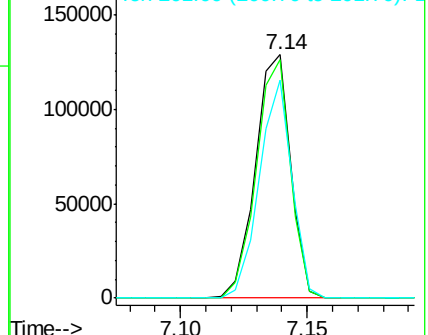
201 89.6 94.6 141.8#

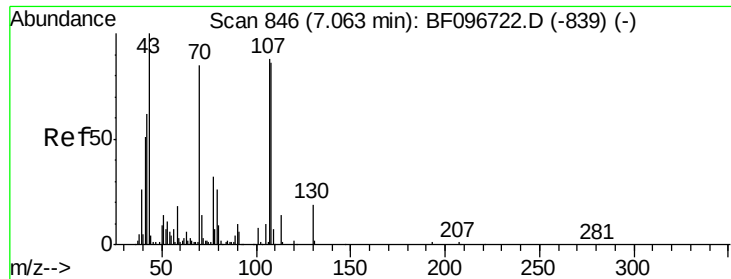


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

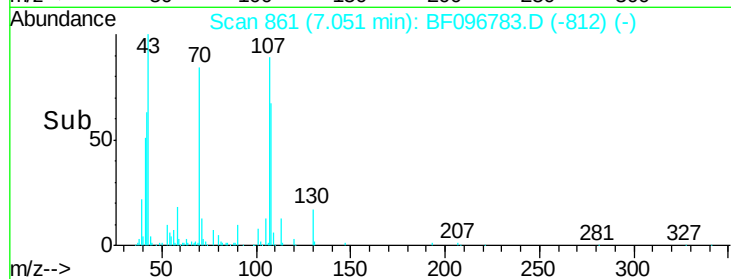
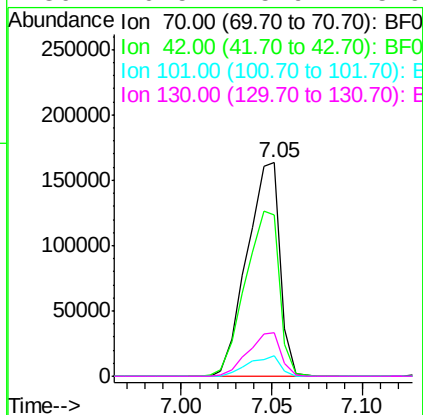
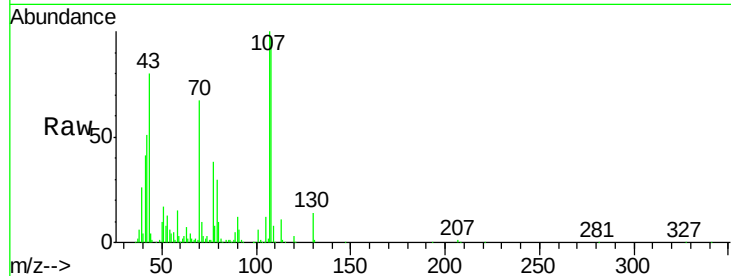




#19
n-Nitroso-di-n-propylamine
Concen: 38.57 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

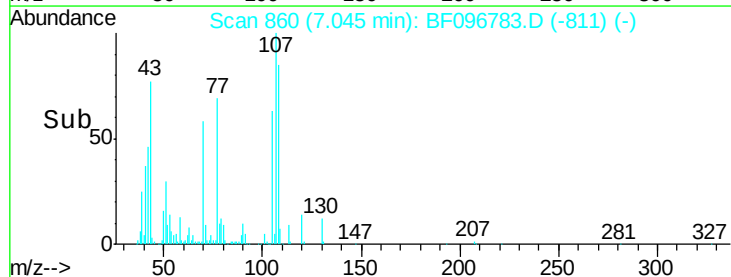
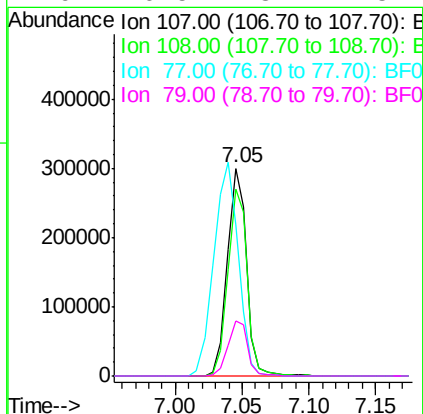
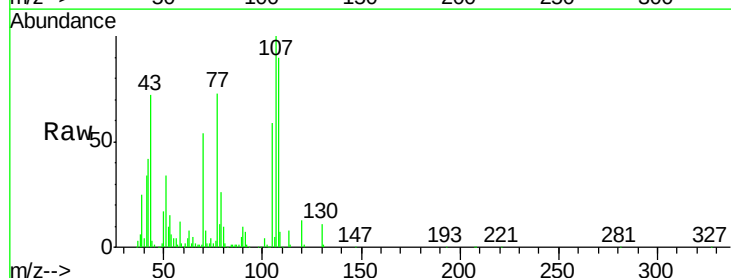
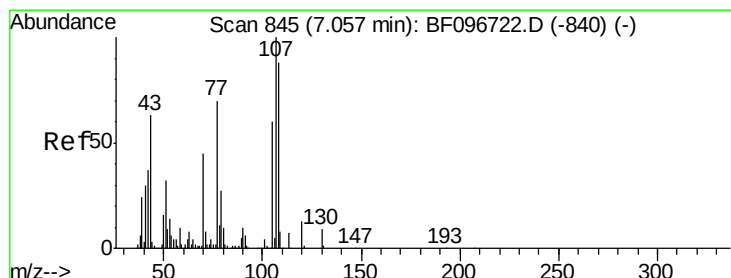
Instrument :
BNA_F
ClientSampled :

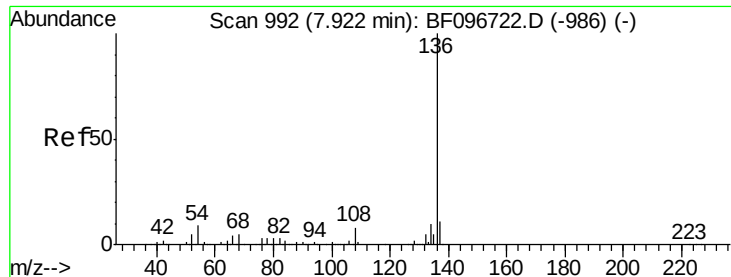
Tot Ion:	70	Resp:	207708
Ion	Ratio	Lower	Upper
70	100		
42	75.5	47.2	70.8#
101	9.4	7.2	10.8
130	20.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.34 ng
RT: 7.05 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:	107	Resp:	305879
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.0	111.0
77	73.0	90.5	130.5#
79	26.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 477326

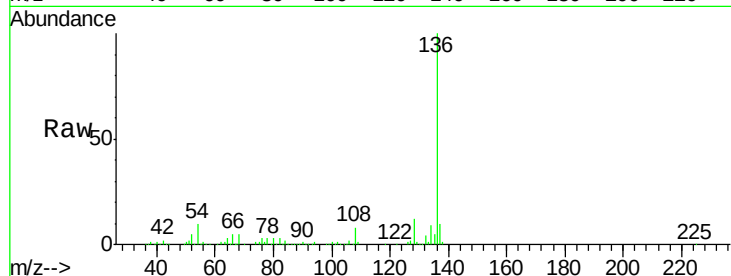
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 9.6 4.9 7.3#

68 5.3 4.1 6.1

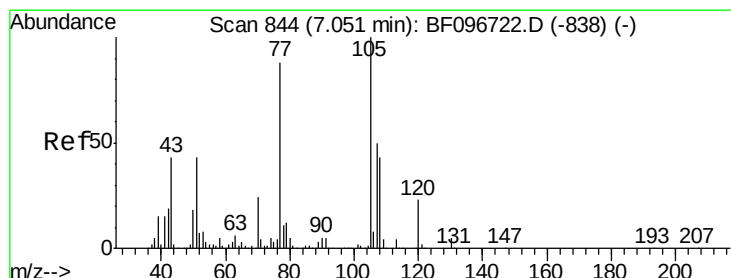
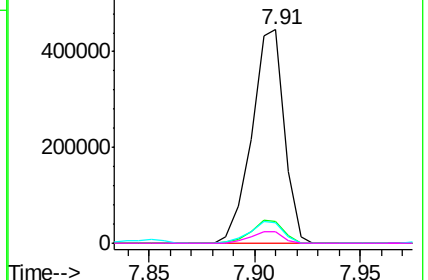
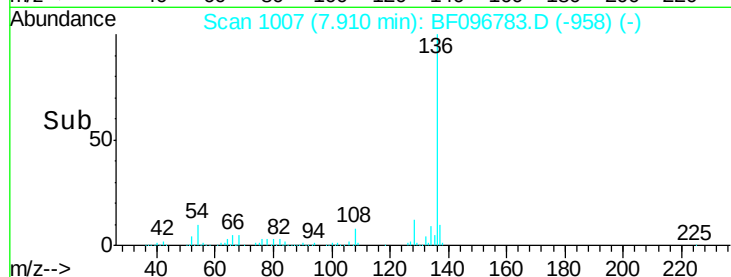


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.01 ng

RT: 7.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:105 Resp: 416128

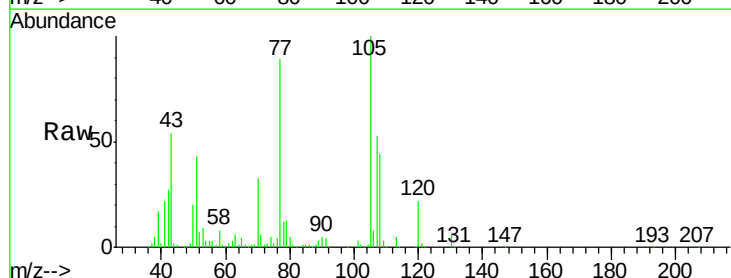
Ion Ratio Lower Upper

105 100

71 5.5 2.8 4.2#

51 42.7 30.7 46.1

120 21.7 17.4 26.0

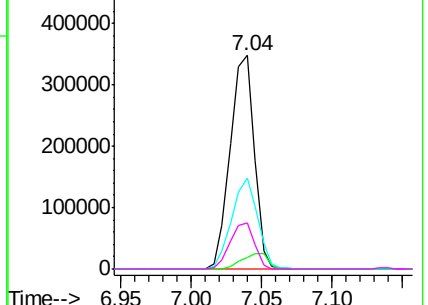
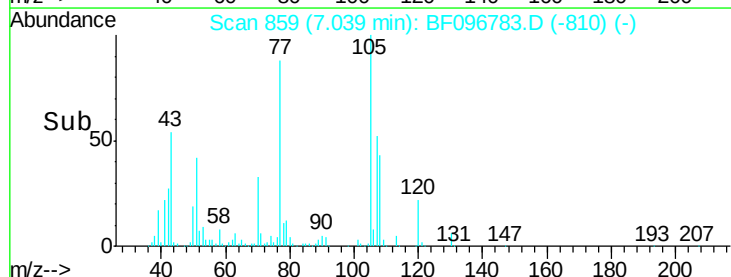


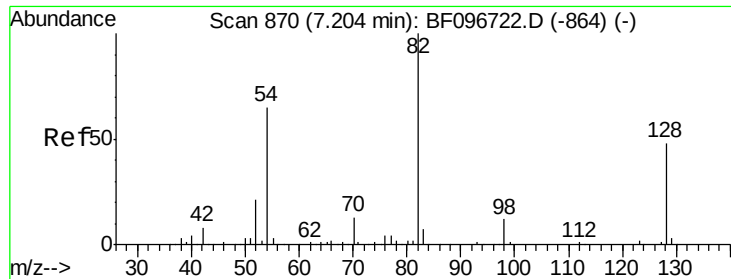
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

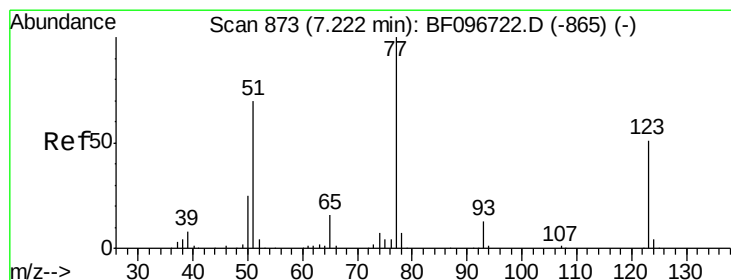
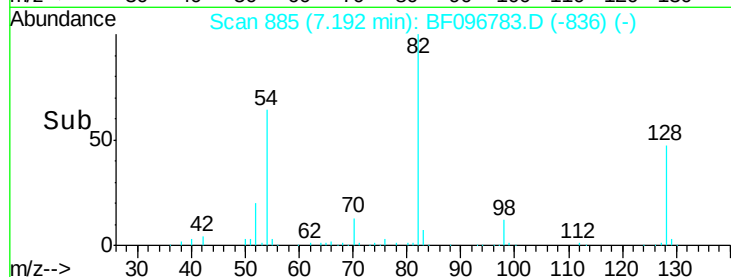
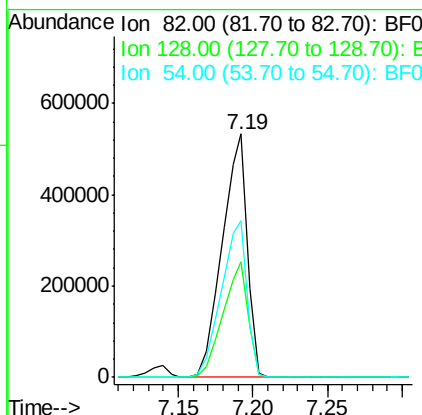
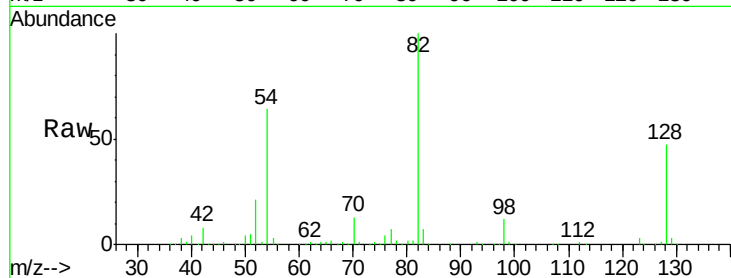




#23
Nitrobenzene-d5
Concen: 81.71 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

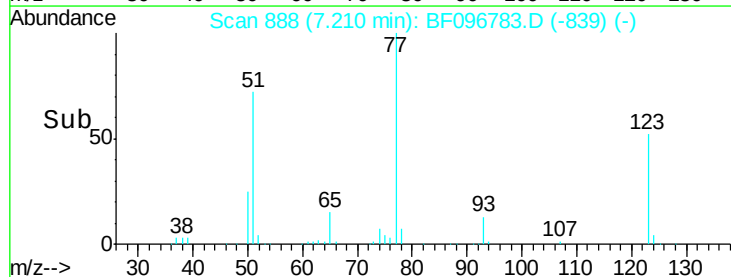
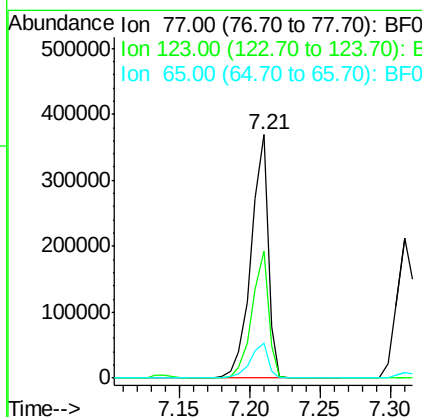
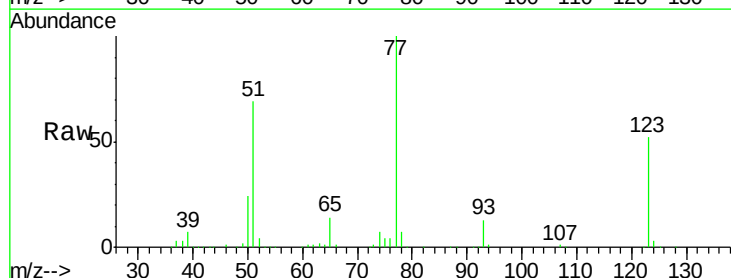
Instrument :
BNA_F
ClientSampleId :

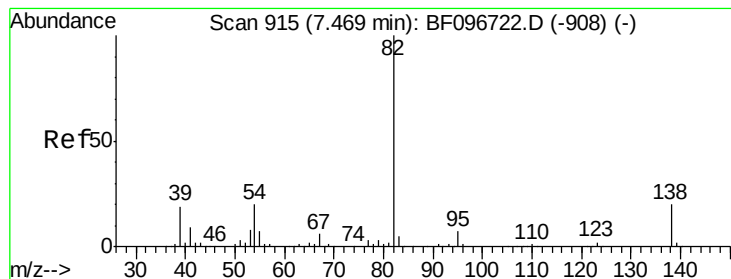
Tot Ion: 82 Resp: 629705
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 64.1 42.2 63.2#



#24
Nitrobenzene
Concen: 39.58 ng
RT: 7.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion: 77 Resp: 315450
Ion Ratio Lower Upper
77 100
123 52.1 35.8 53.8
65 14.4 10.6 15.8





#25

Isophorone

Concen: 35.39 ng

RT: 7.45 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

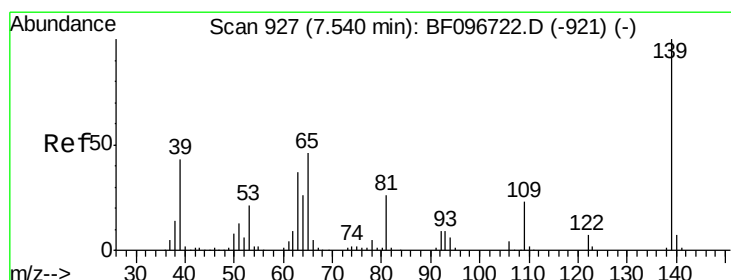
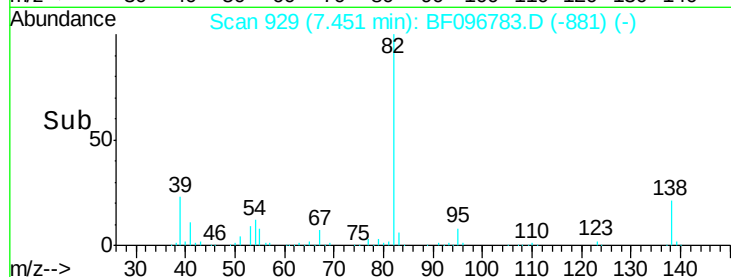
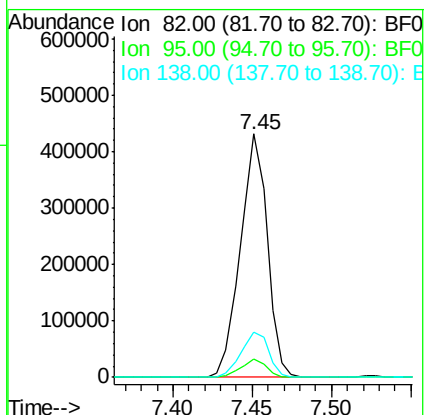
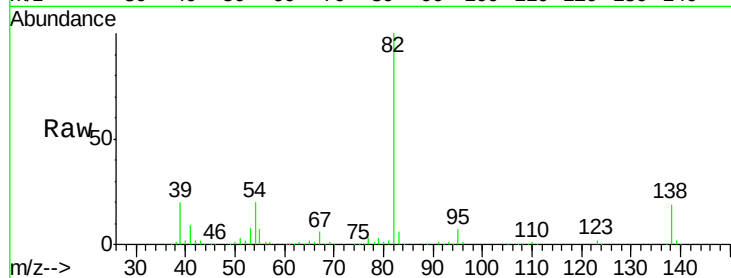
Tot Ion: 82 Resp: 507396

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 38.82 ng

RT: 7.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

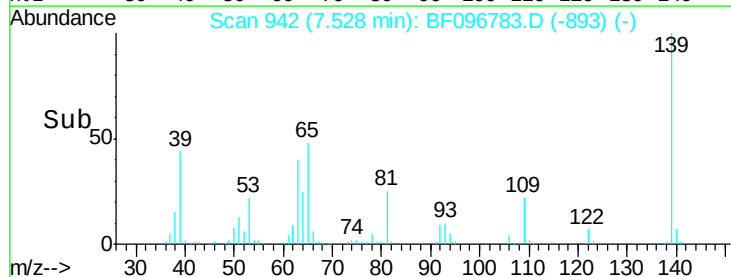
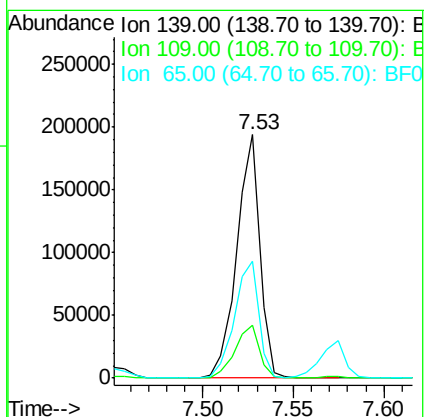
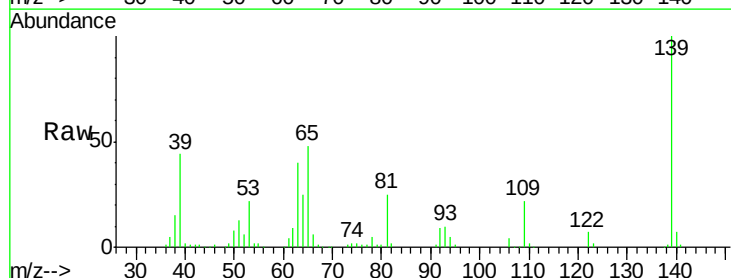
Tgt Ion: 139 Resp: 172036

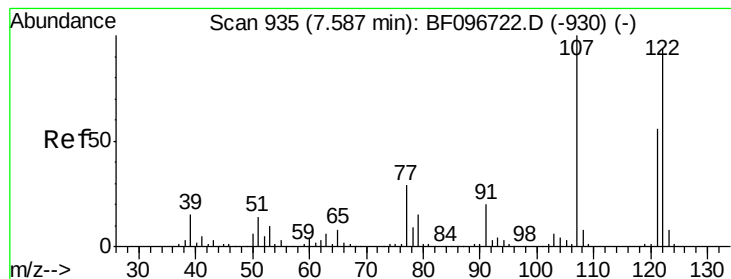
Ion Ratio Lower Upper

139 100

109 22.0 21.0 31.6

65 47.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.40 ng

RT: 7.57 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampled :

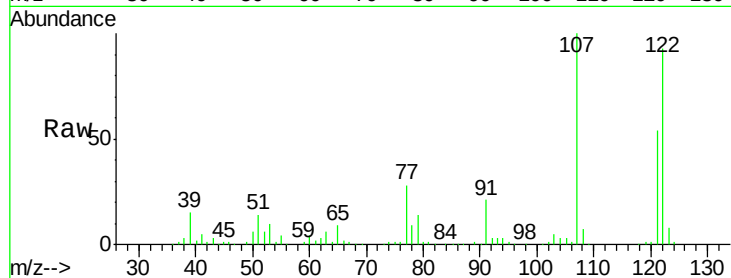
Tot Ion:122 Resp: 287248

Ion Ratio Lower Upper

122 100

107 107.3 89.2 133.8

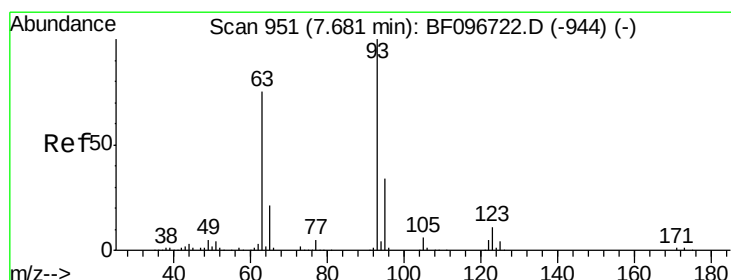
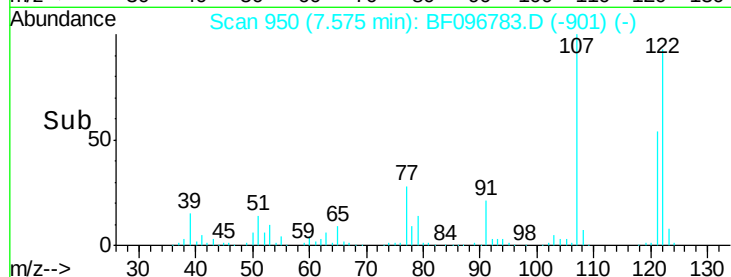
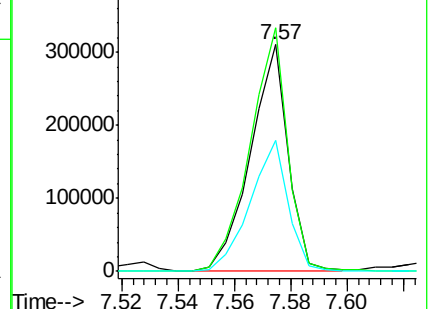
121 57.7 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.71 ng

RT: 7.66 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

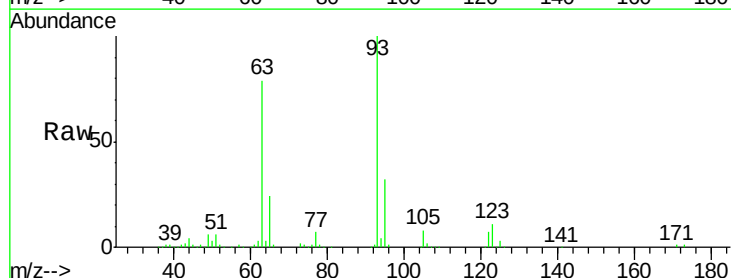
Tgt Ion: 93 Resp: 384700

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

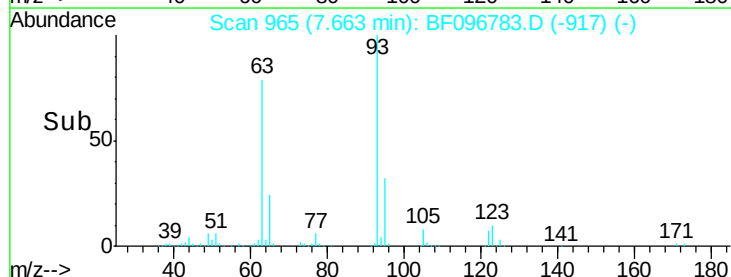
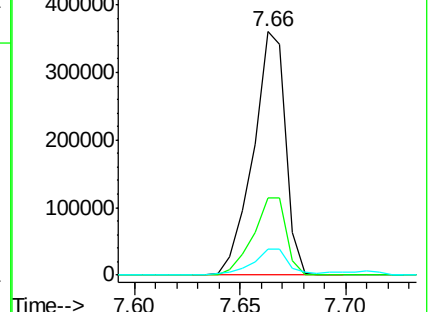
123 10.6 9.0 13.4

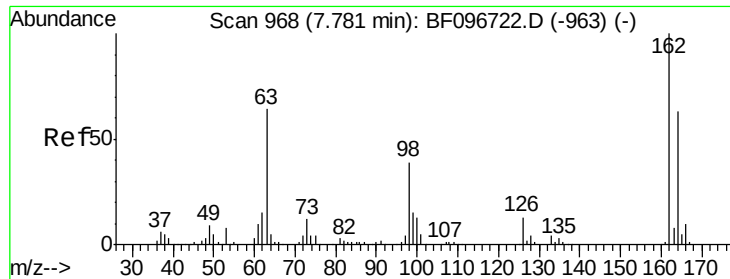


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

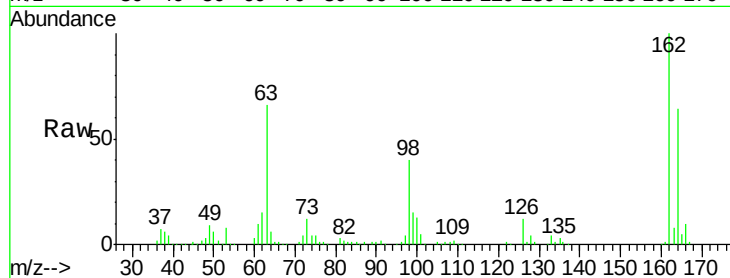




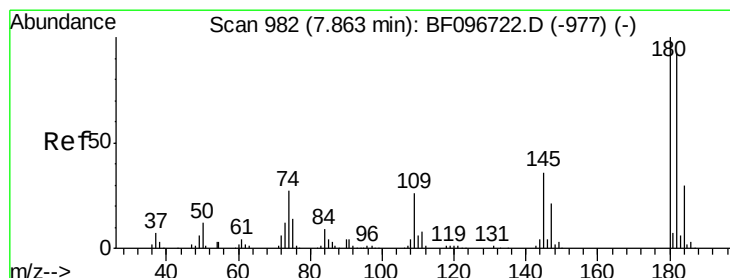
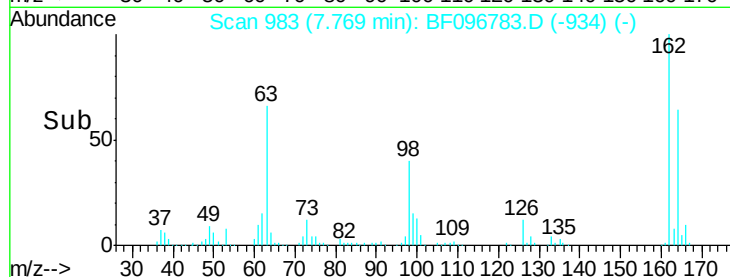
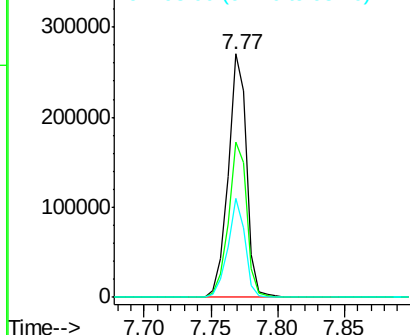
#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 7.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	40.4	14.8	54.8

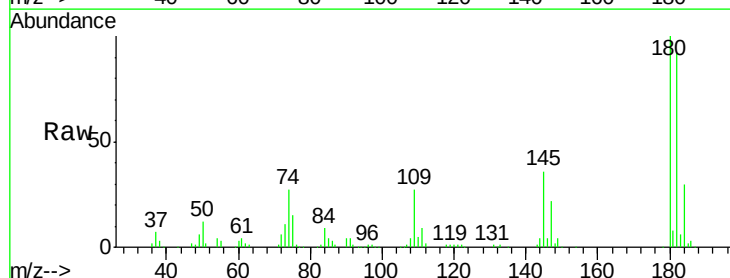


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

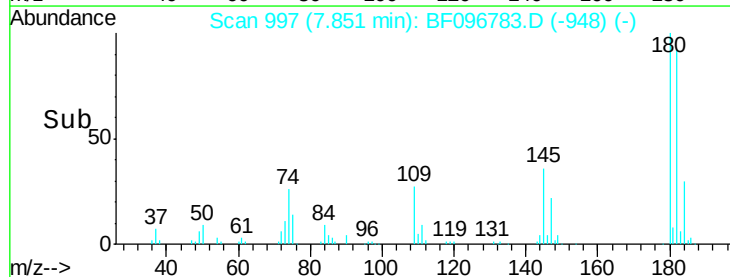
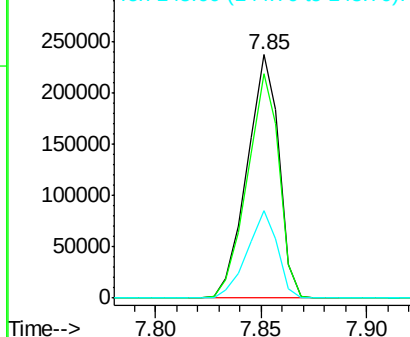


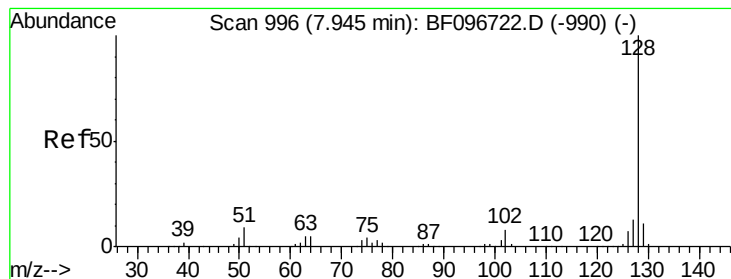
#30
 1,2,4-Trichlorobenzene
 Concen: 39.65 ng
 RT: 7.85 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.8	113.6
145	36.1	25.3	37.9



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





#31

Naphthalene

Concen: 40.47 ng

RT: 7.93 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

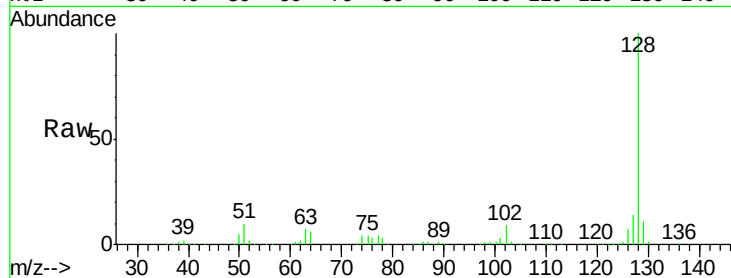
Tot Ion:128 Resp: 915217

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

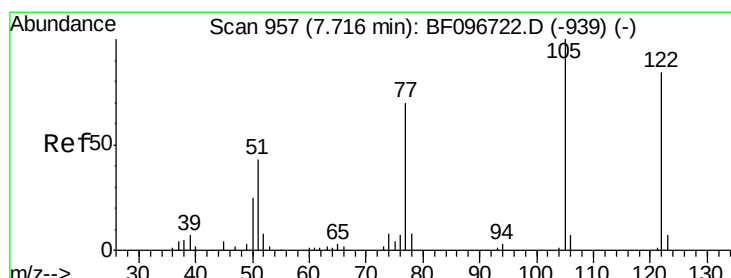
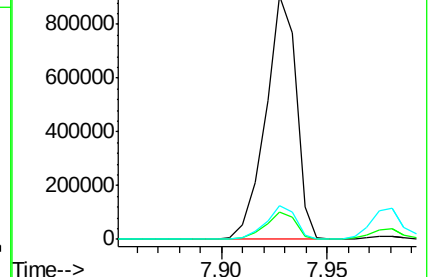
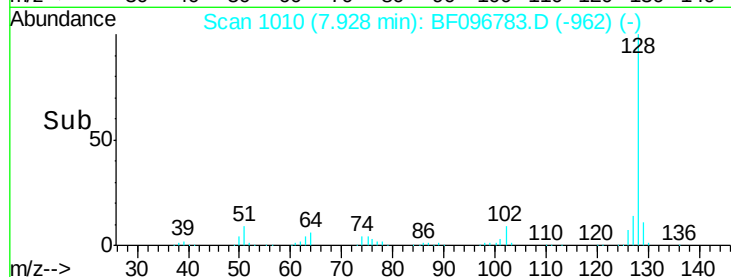
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.88 ng

RT: 7.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

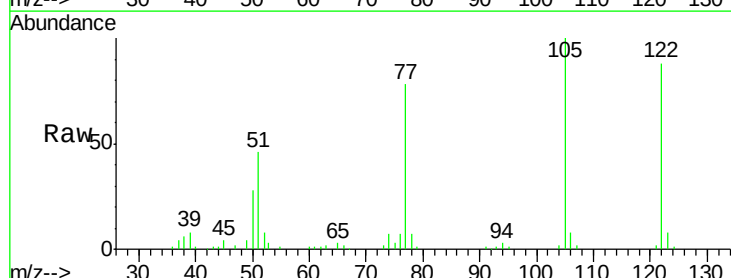
Tgt Ion:122 Resp: 204487

Ion Ratio Lower Upper

122 100

105 113.5 103.3 143.3

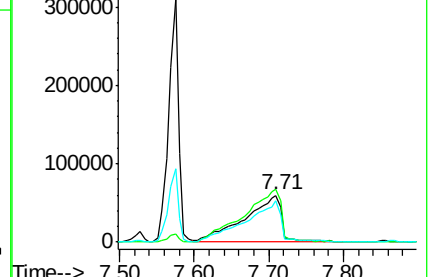
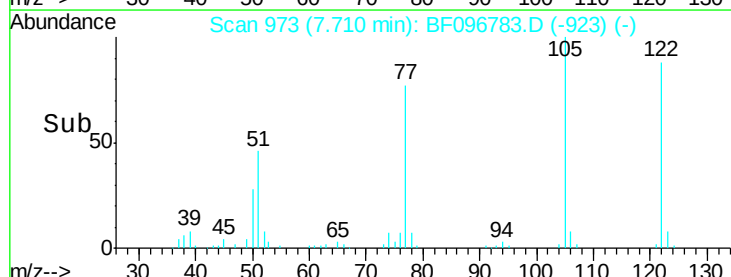
77 88.1 73.7 113.7

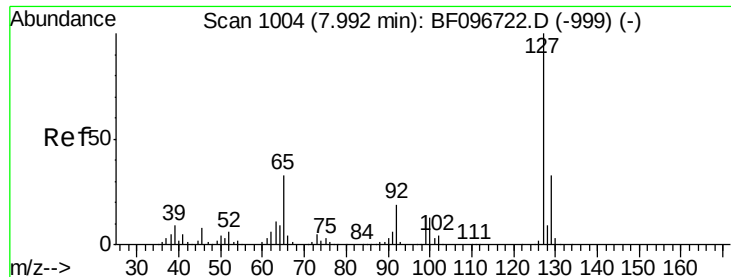


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

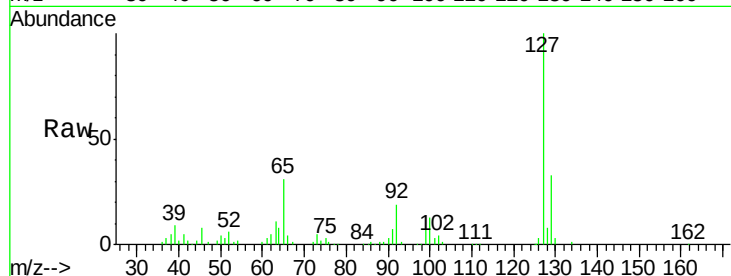




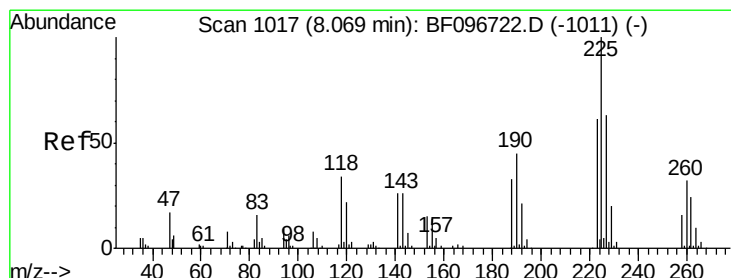
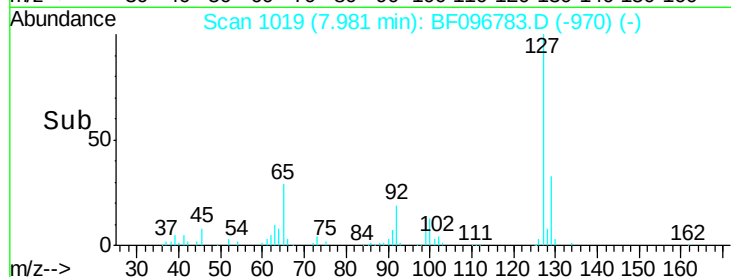
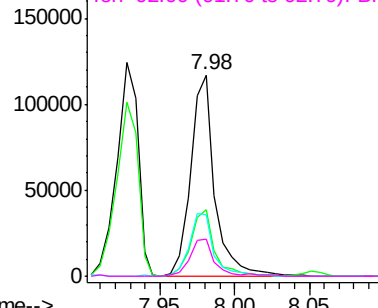
#33
4-Chloroaniline
Concen: 14.84 ng
RT: 7.98 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	132974
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	30.8	27.8	41.8
92	18.7	16.8	25.2

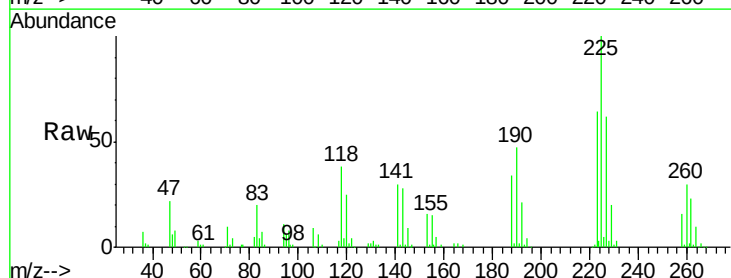


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

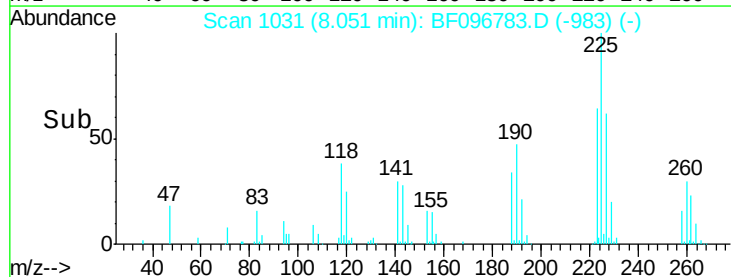
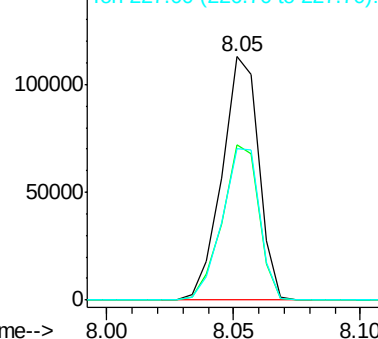


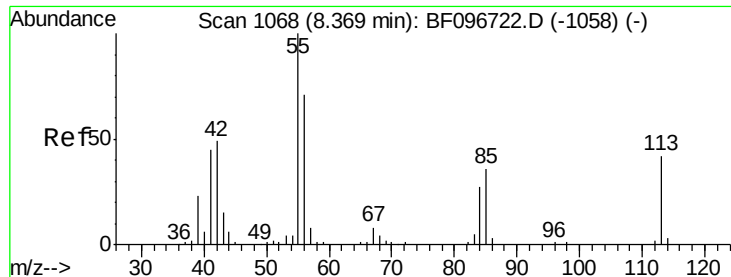
#34
Hexachlorobutadiene
Concen: 34.09 ng
RT: 8.05 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:	225	Resp:	114183
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	62.0	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

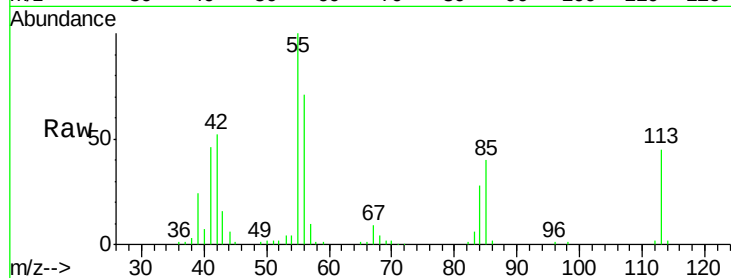




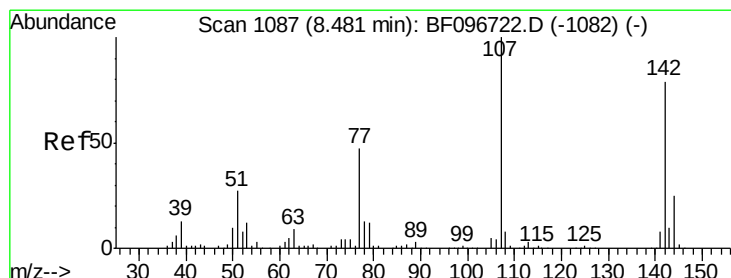
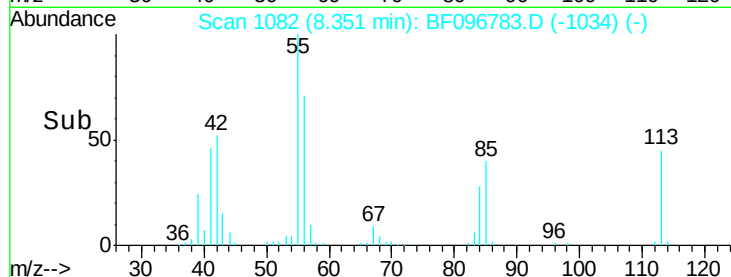
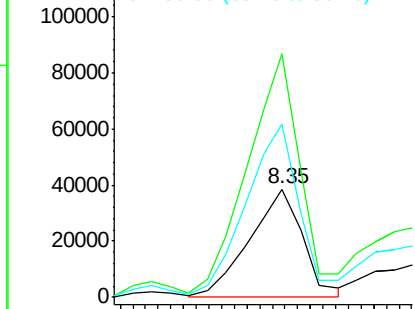
#35
 Caprolactam
 Concen: 21.29 ng
 RT: 8.35 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 45017
 Ion Ratio Lower Upper
 113 100
 55 224.4 150.2 190.2#
 56 159.9 107.8 147.8#

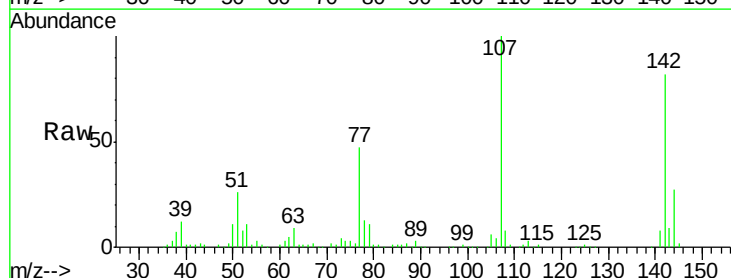


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

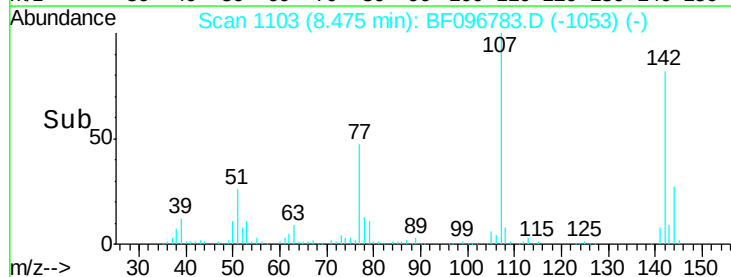
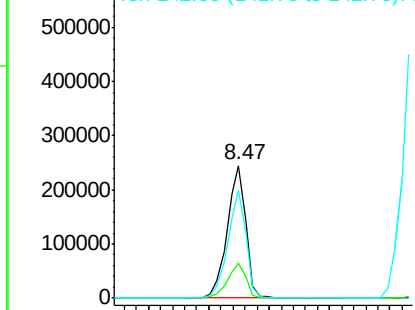


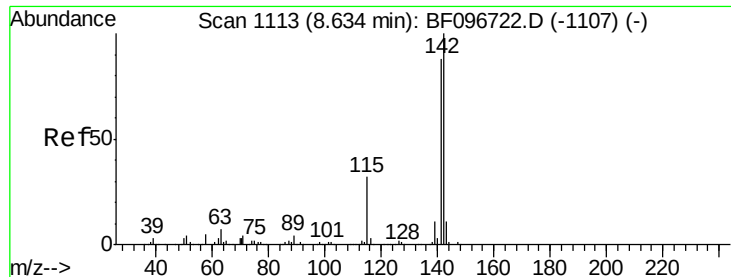
#36
 4-Chloro-3-methylphenol
 Concen: 36.57 ng
 RT: 8.47 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:107 Resp: 259531
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 81.7 73.4 110.0



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

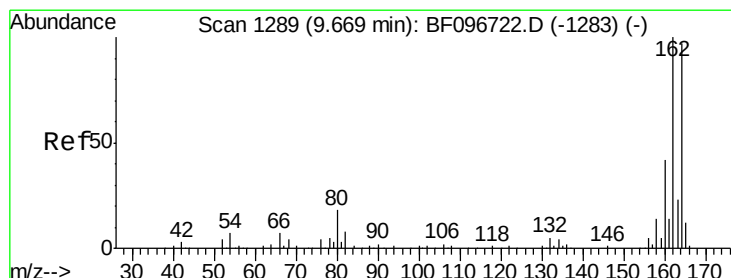
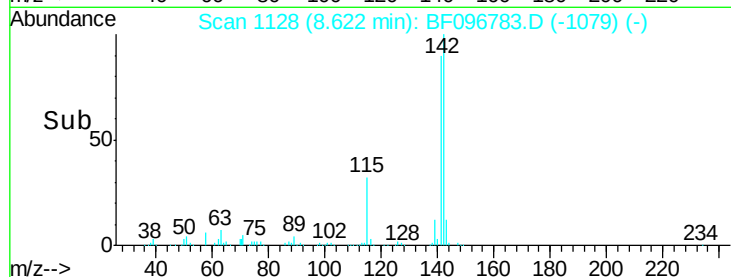
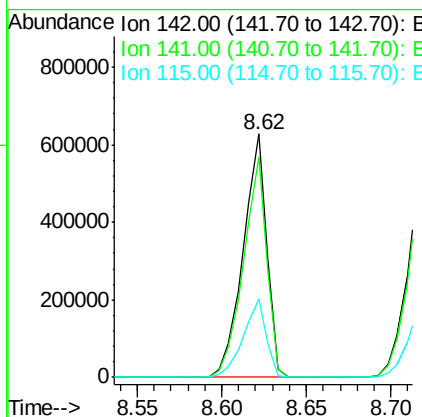
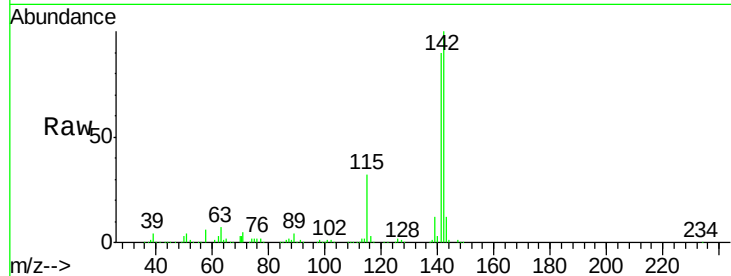




#37
 2-Methylnaphthalene
 Concen: 42.57 ng
 RT: 8.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

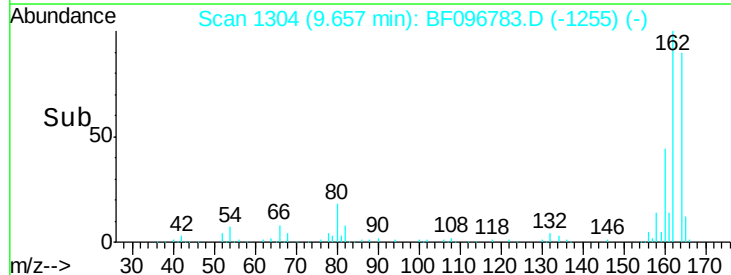
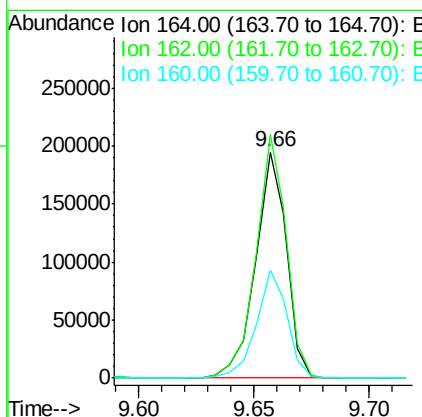
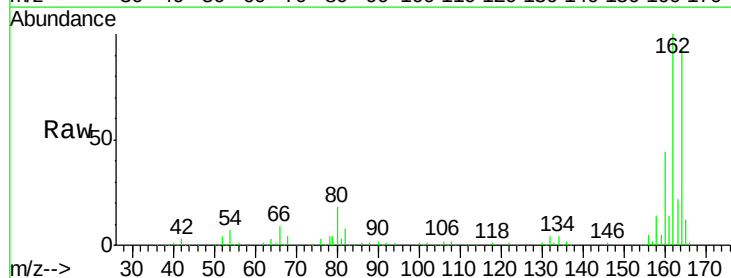
Instrument :
 BNA_F
 ClientSampleId :

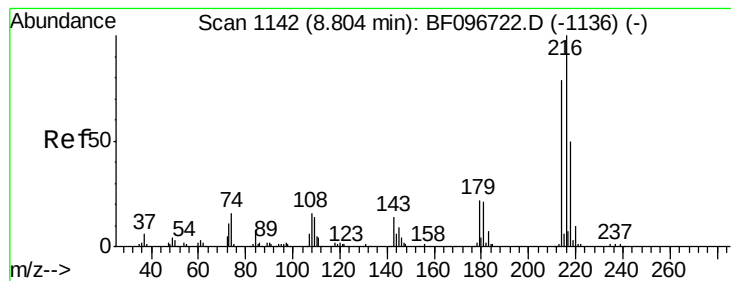
Tot Ion:142 Resp: 613694
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.3 106.9
 115 32.1 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:164 Resp: 181287
 Ion Ratio Lower Upper
 164 100
 162 107.8 82.6 123.8
 160 47.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.49 ng

RT: 8.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 208232

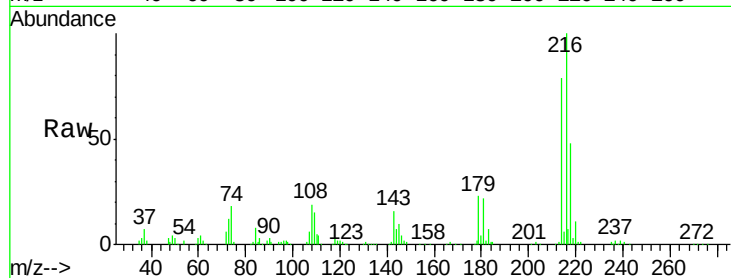
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 23.1 17.9 26.9

108 22.7 16.5 24.7

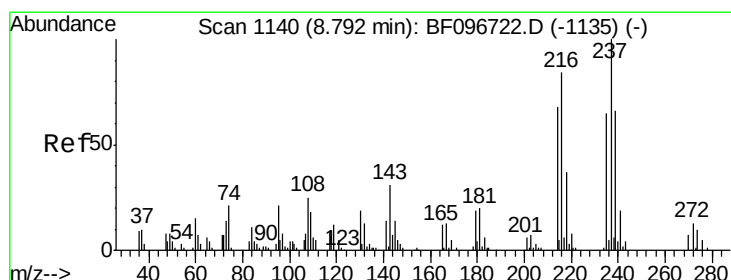
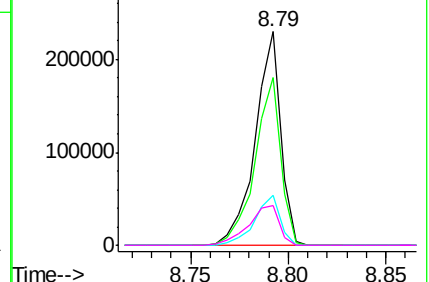
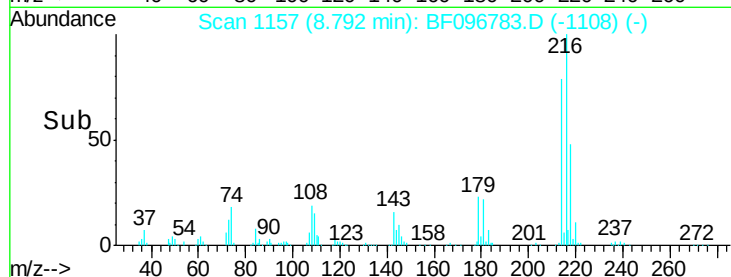


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.06 ng

RT: 8.78 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

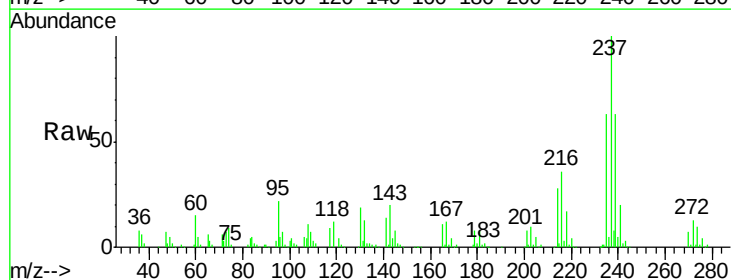
Tgt Ion:237 Resp: 184918

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

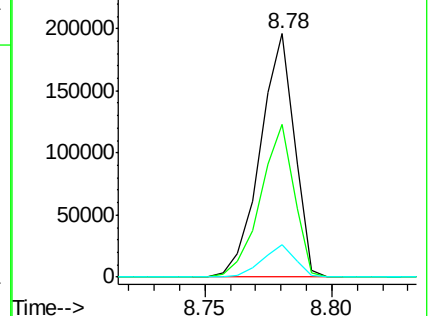
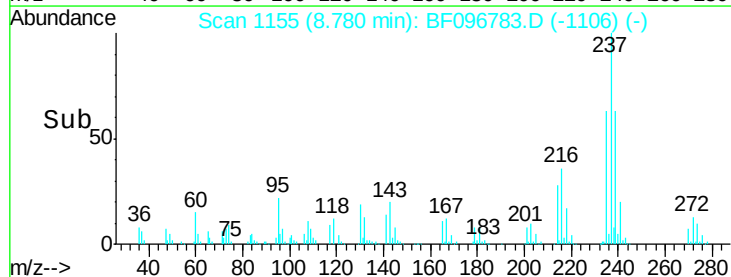
272 13.5 0.0 31.9

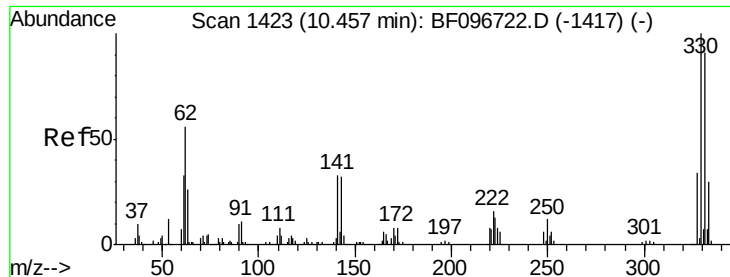


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

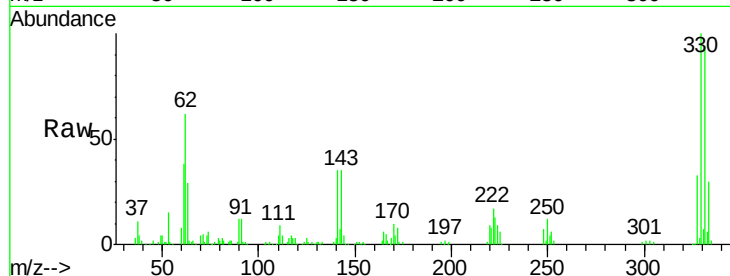




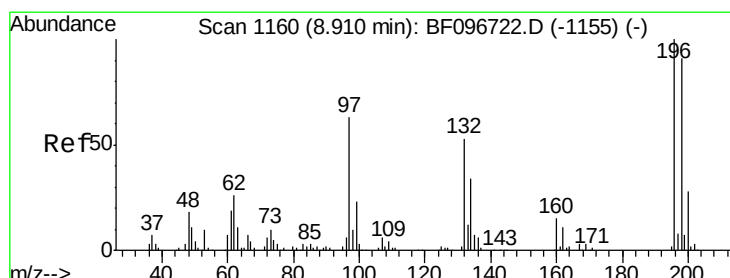
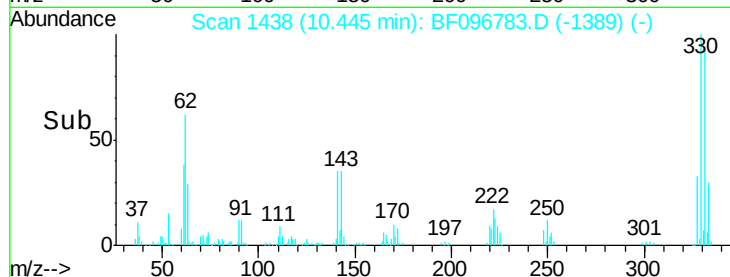
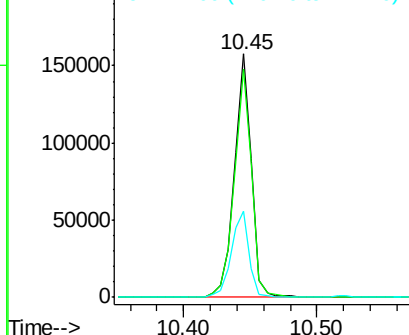
#41
 2,4,6-Tribromophenol
 Concen: 91.88 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 142177
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 36.8 31.4 47.2

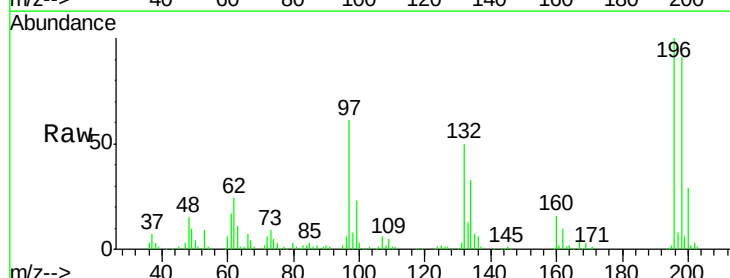


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

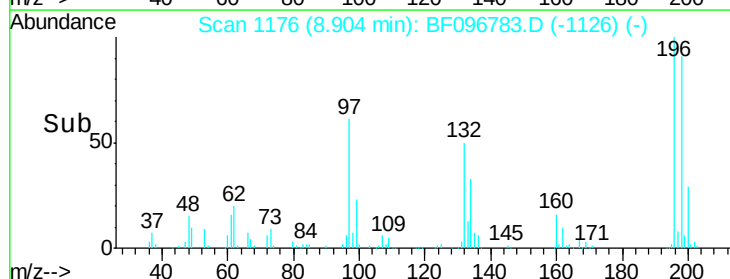
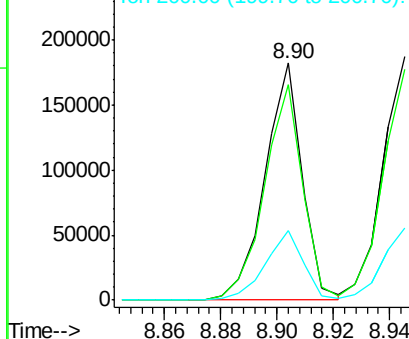


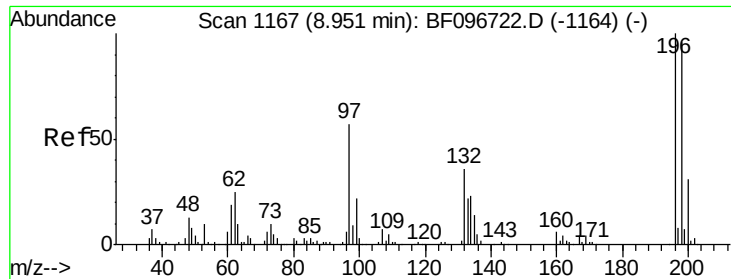
#42
 2,4,6-Trichlorophenol
 Concen: 46.12 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:196 Resp: 166716
 Ion Ratio Lower Upper
 196 100
 198 91.0 74.2 111.4
 200 29.2 24.0 36.0



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

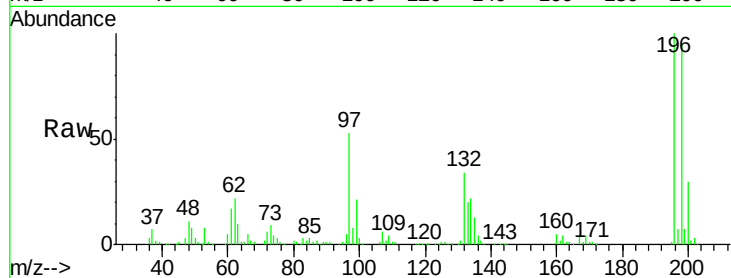




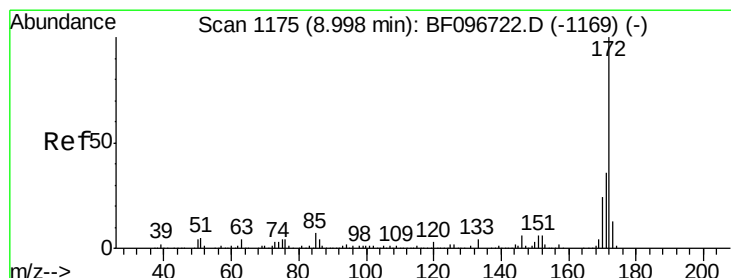
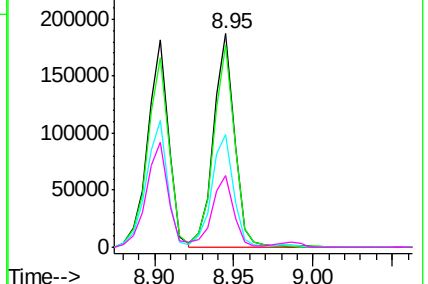
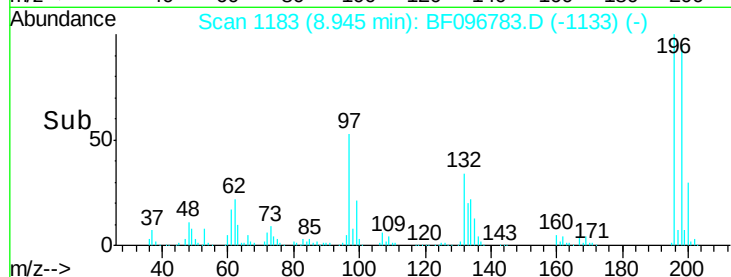
#43
 2,4,5-Trichlorophenol
 Concen: 47.05 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 171544
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 97 52.7 47.7 71.5
 132 33.8 28.0 42.0

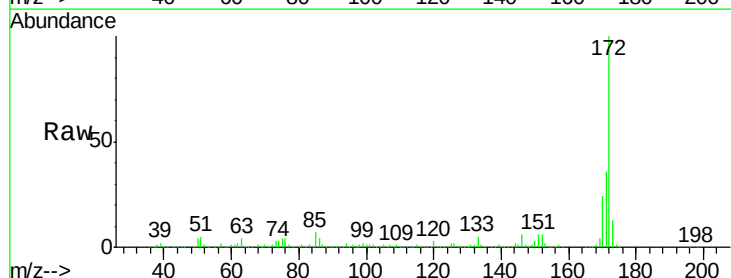


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

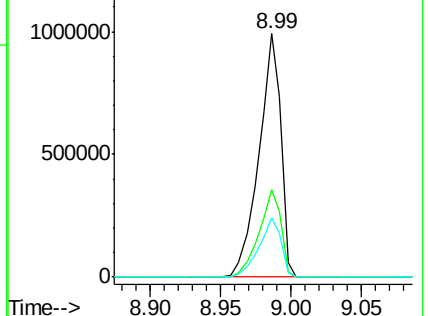
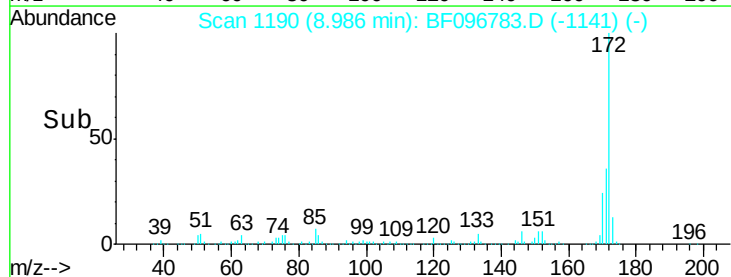


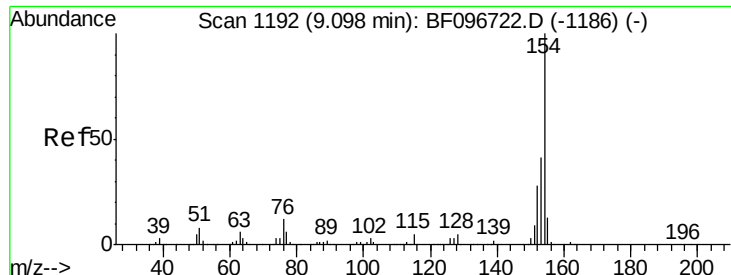
#44
 2-Fluorobiphenyl
 Concen: 94.55 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:172 Resp: 1084958
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.2 19.8 29.8



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

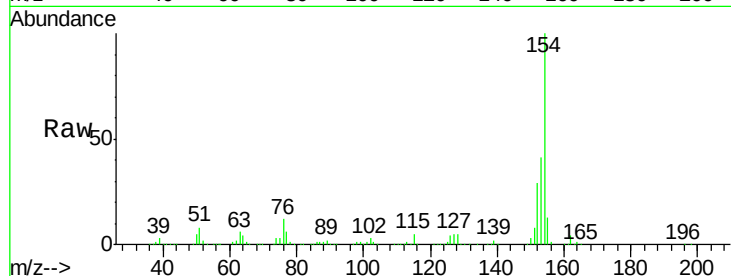




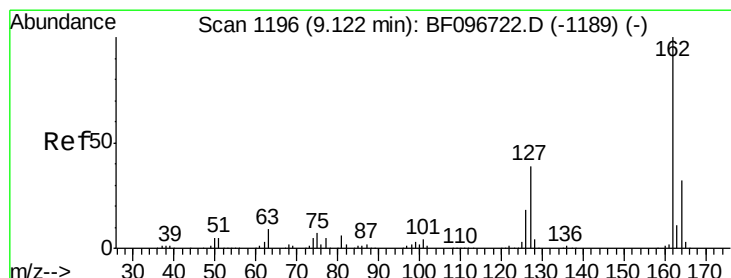
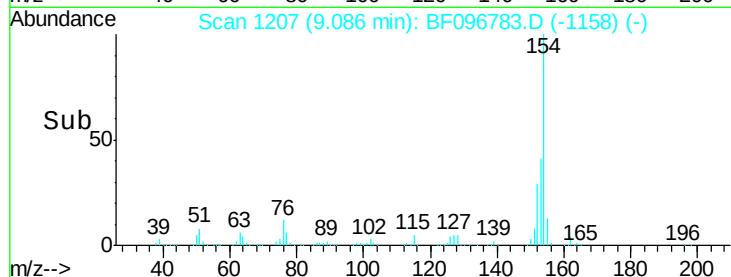
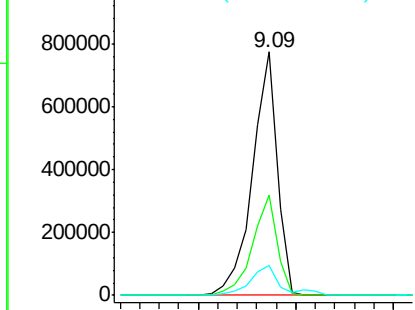
#45
1,1'-Biphenyl
Concen: 43.95 ng
RT: 9.09 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 683275
Ion Ratio Lower Upper
154 100
153 41.0 21.2 61.2
76 12.3 0.0 29.9

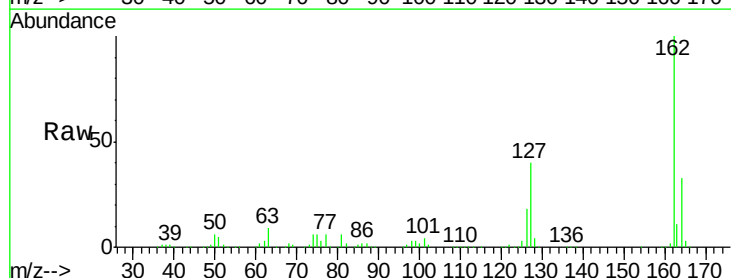


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

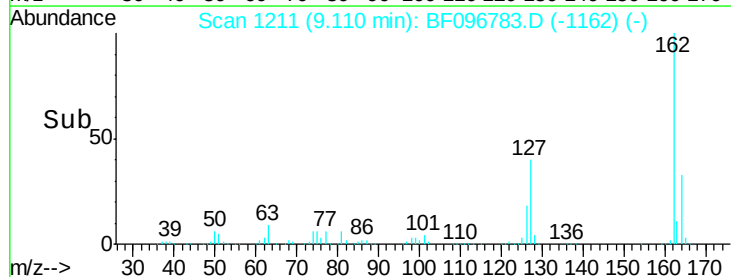
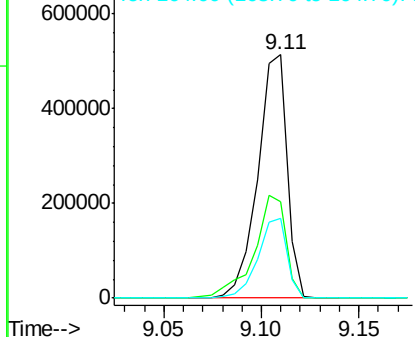


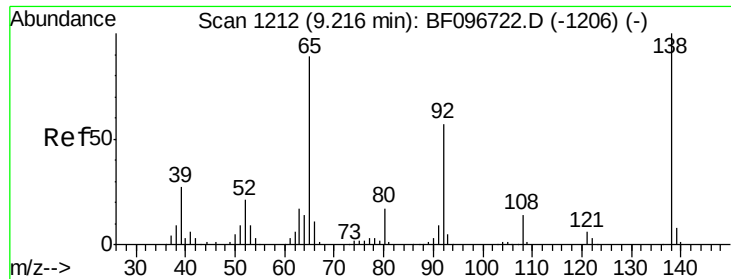
#46
2-Chloronaphthalene
Concen: 46.80 ng
RT: 9.11 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:162 Resp: 535770
Ion Ratio Lower Upper
162 100
127 39.7 28.3 42.5
164 32.9 27.0 40.4



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

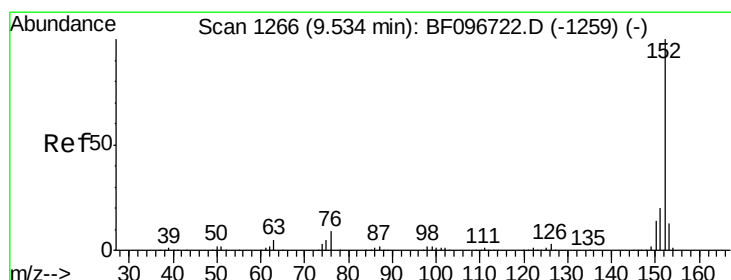
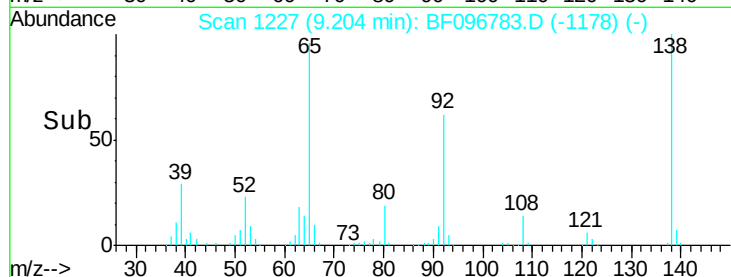
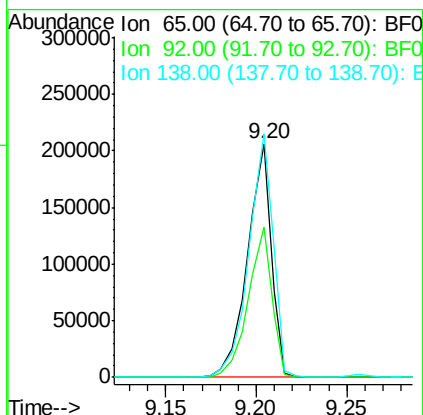
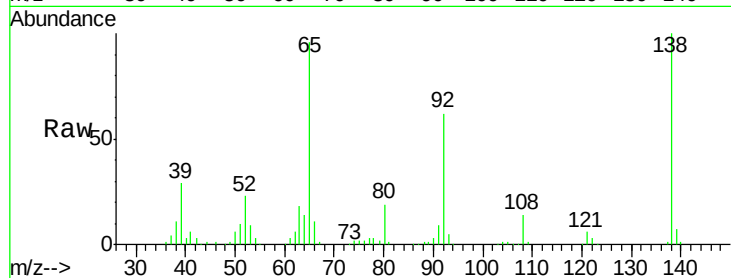




#47
2-Nitroaniline
Concen: 48.01 ng
RT: 9.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

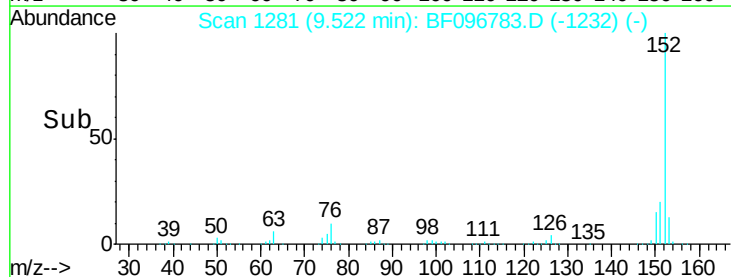
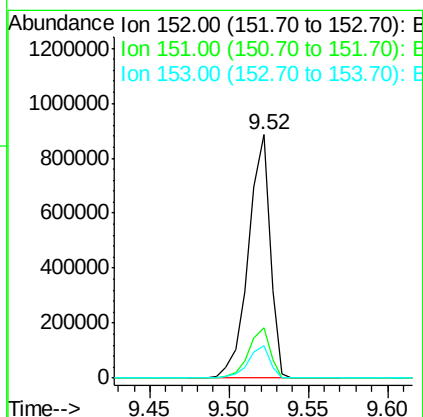
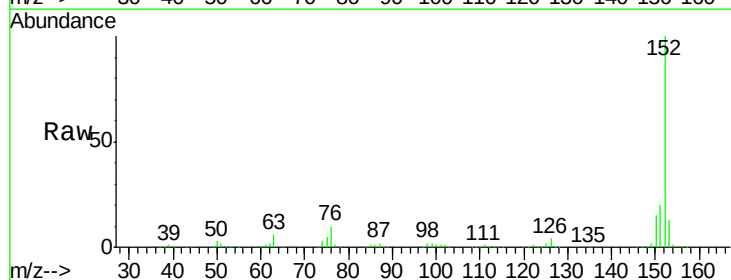
Instrument :
BNA_F
ClientSampled :

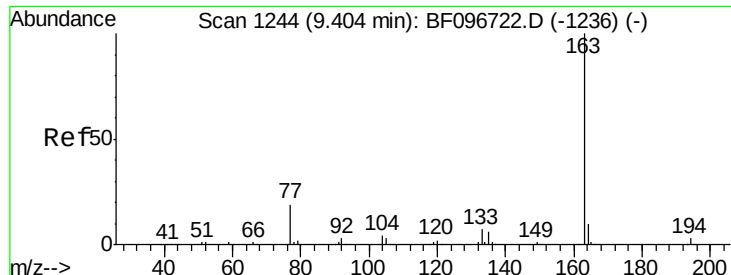
Tot Ion: 65 Resp: 188950
Ion Ratio Lower Upper
65 100
92 64.1 53.9 80.9
138 104.1 78.8 118.2



#48
Acenaphthylene
Concen: 46.17 ng
RT: 9.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion: 152 Resp: 842201
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.1 10.8 16.2

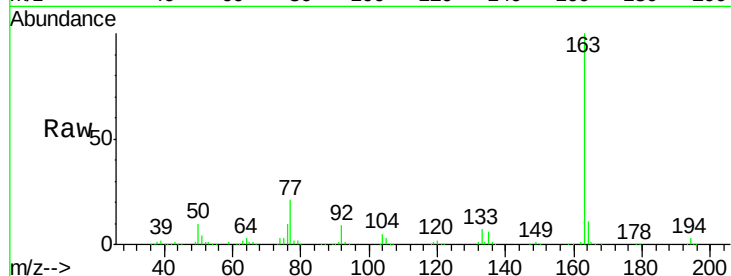




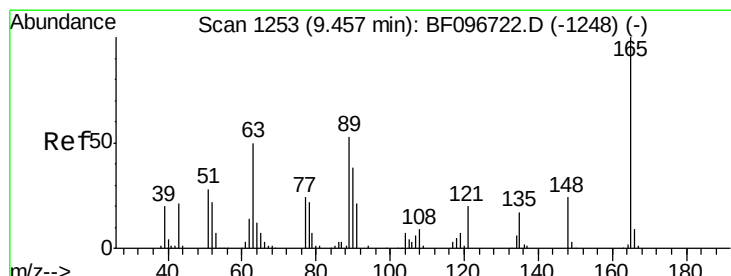
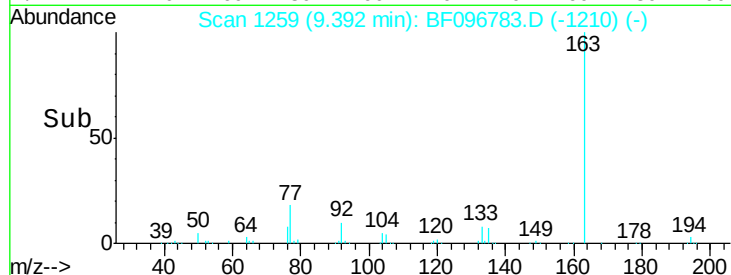
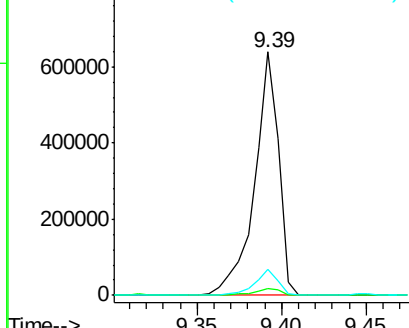
#49
Dimethylphthalate
Concen: 46.45 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 634018
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.6 8.4 12.6

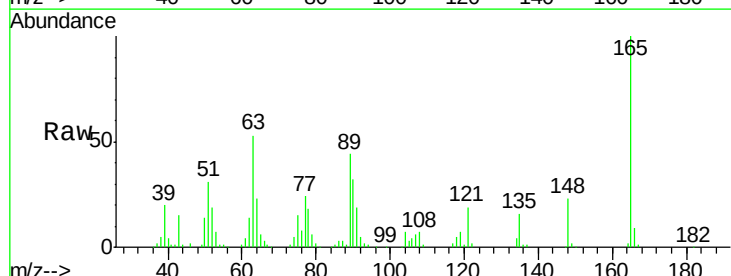


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

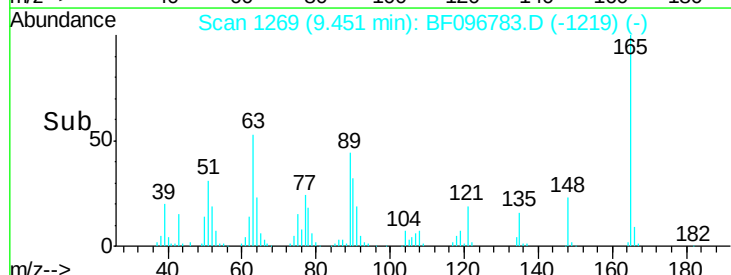
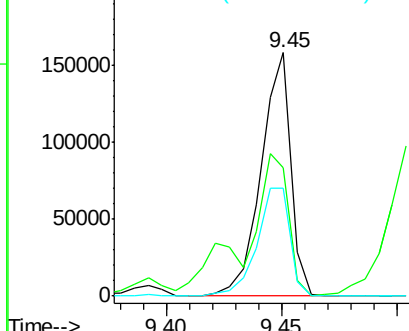


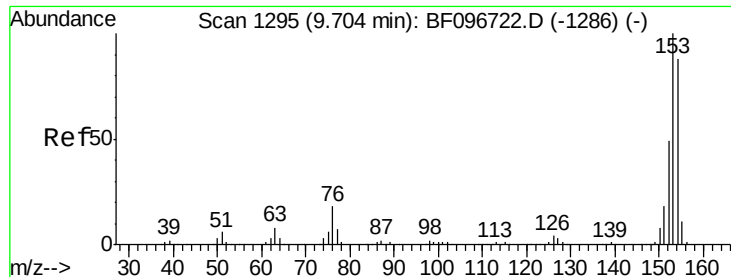
#50
2,6-Dinitrotoluene
Concen: 48.00 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:165 Resp: 141907
Ion Ratio Lower Upper
165 100
63 52.6 34.3 51.5#
89 44.2 37.1 55.7



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





#51

Acenaphthene

Concen: 40.18 ng

RT: 9.69 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

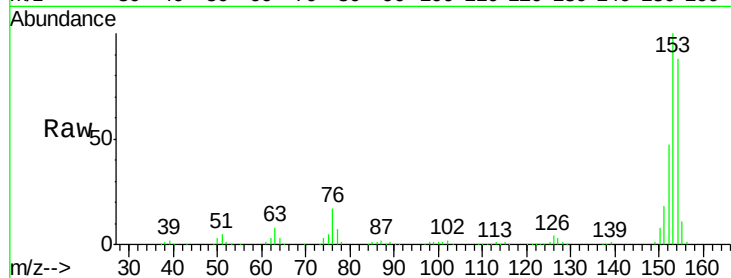
Tot Ion:154 Resp: 433020

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

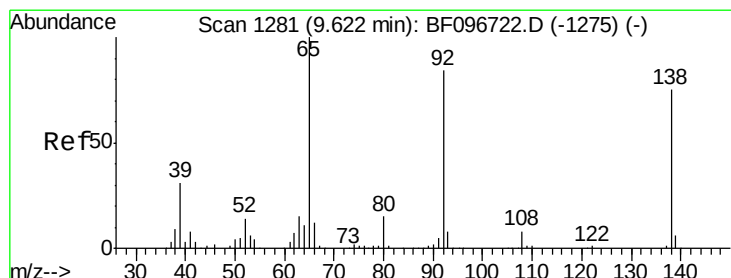
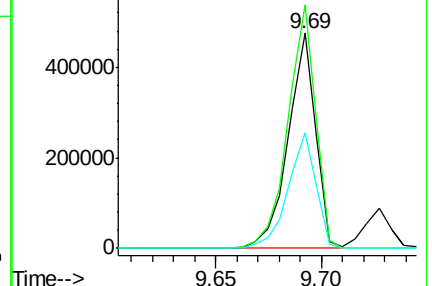
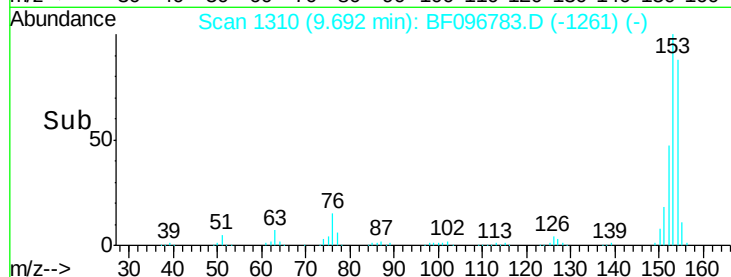
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.02 ng

RT: 9.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

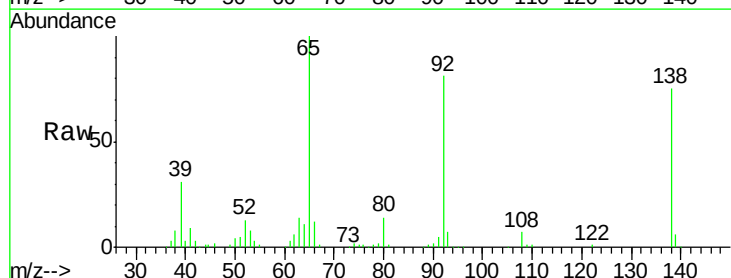
Tgt Ion:138 Resp: 77142

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

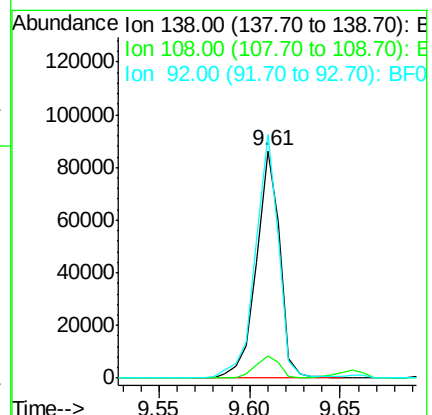
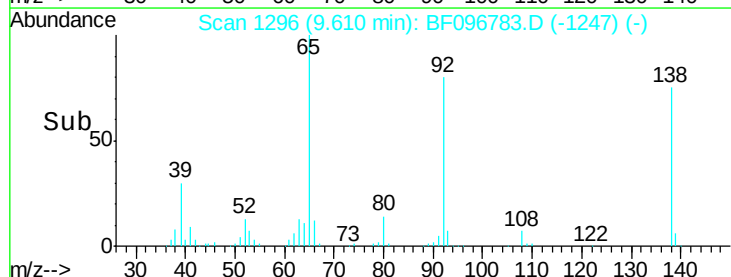
92 107.2 93.8 140.6

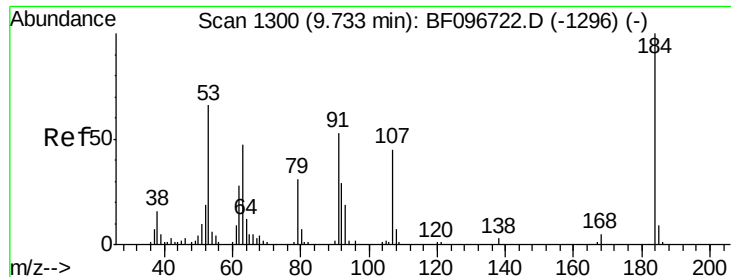


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 86.48 ng

RT: 9.73 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampled :

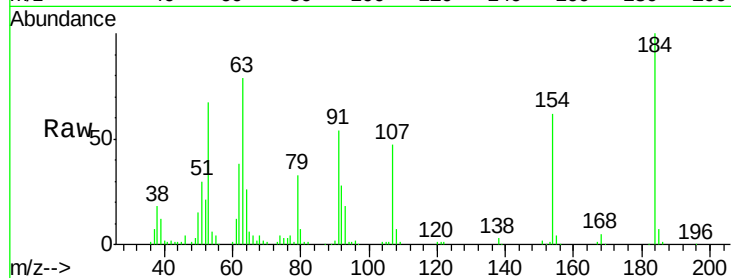
Tot Ion:184 Resp: 127477

Ion Ratio Lower Upper

184 100

63 78.9 62.7 94.1

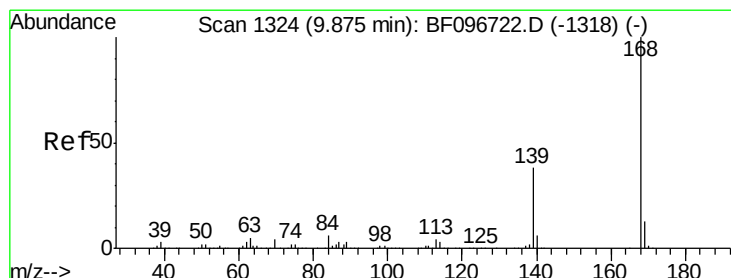
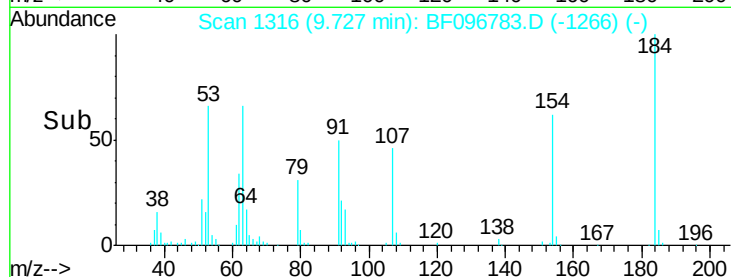
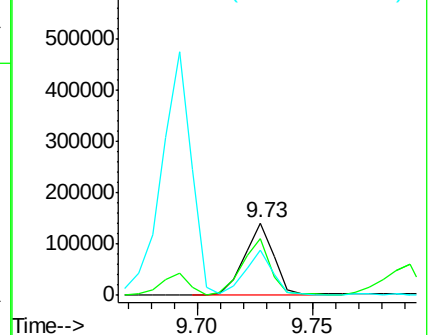
154 61.8 81.1 121.7#



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: 43.05 ng

RT: 9.86 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

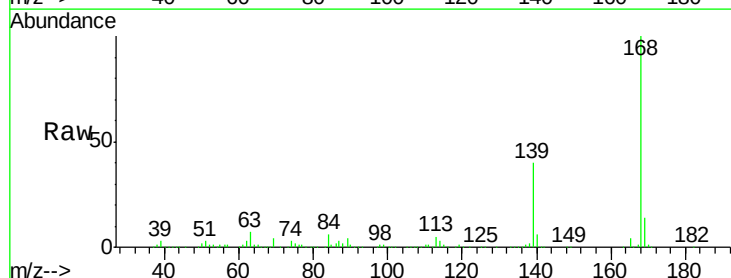
Tgt Ion:168 Resp: 650026

Ion Ratio Lower Upper

168 100

139 40.4 30.6 45.8

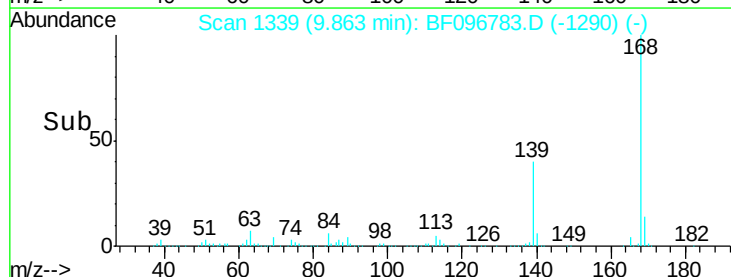
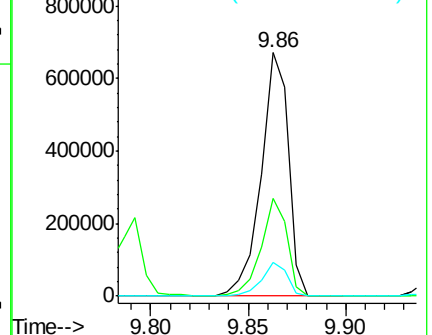
169 13.7 10.8 16.2

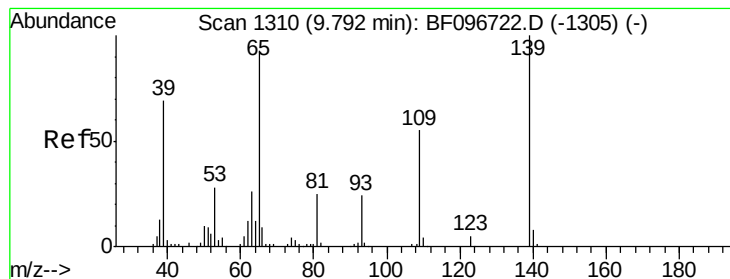


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 83.75 ng

RT: 9.79 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

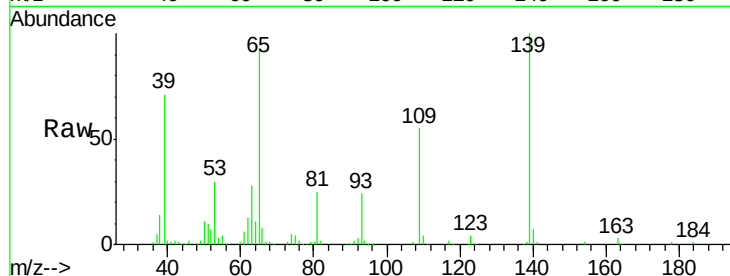
Tot Ion:139 Resp: 214299

Ion Ratio Lower Upper

139 100

109 55.4 34.1 74.1

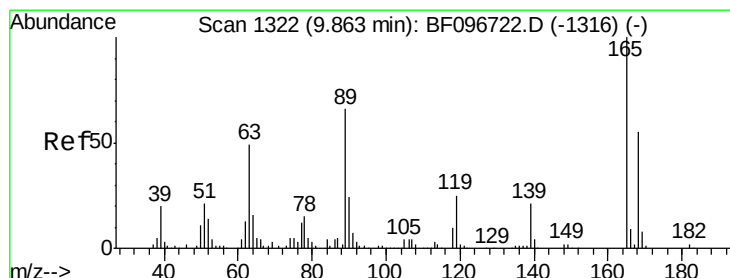
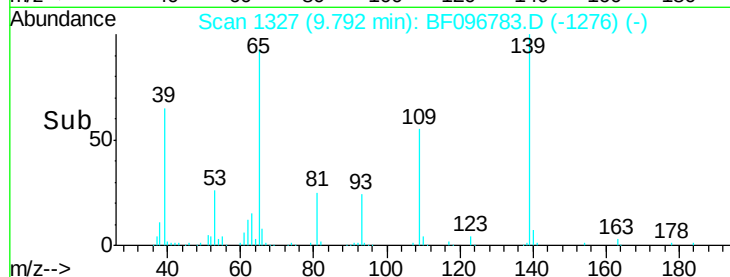
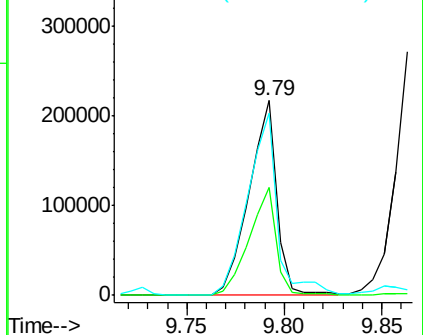
65 93.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.72 ng

RT: 9.86 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:165 Resp: 162306

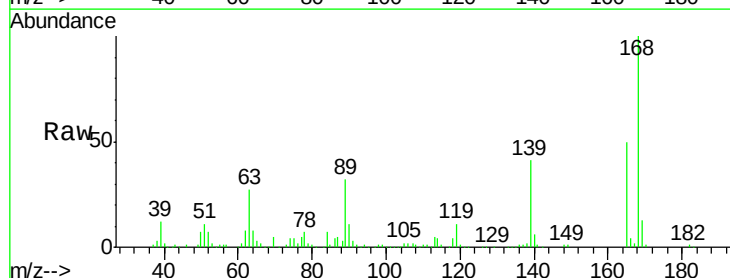
Ion Ratio Lower Upper

165 100

63 54.0 25.4 38.0#

89 64.7 46.4 69.6

182 2.3 1.8 2.6

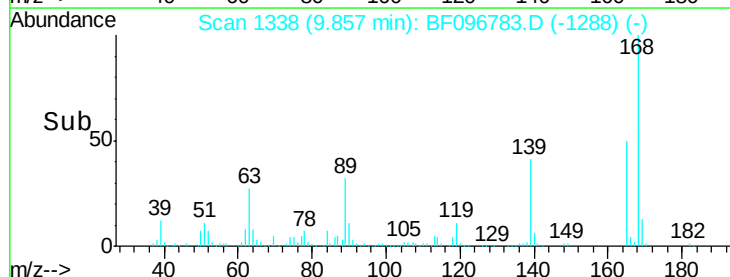
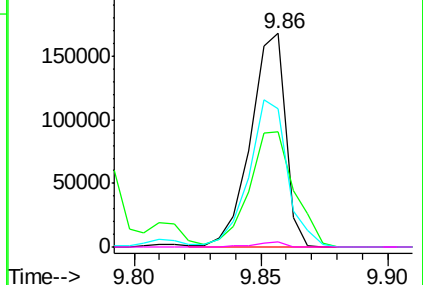


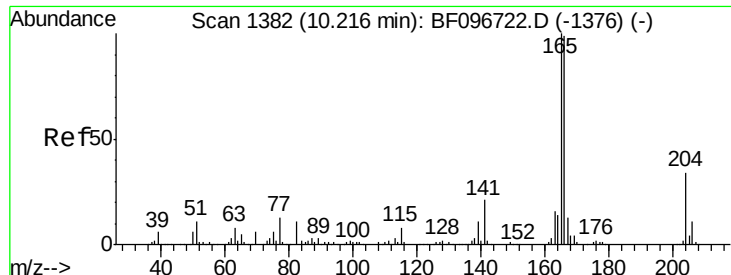
Abundance Ion 165.00 (164.70 to 165.70): E

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

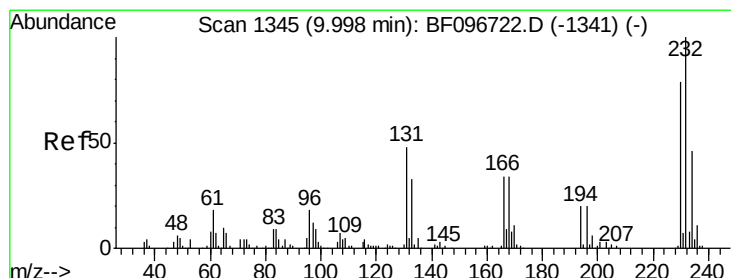
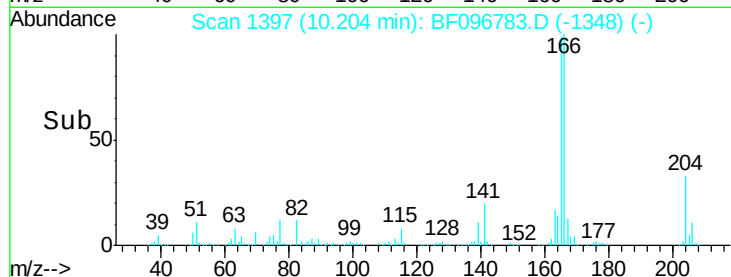
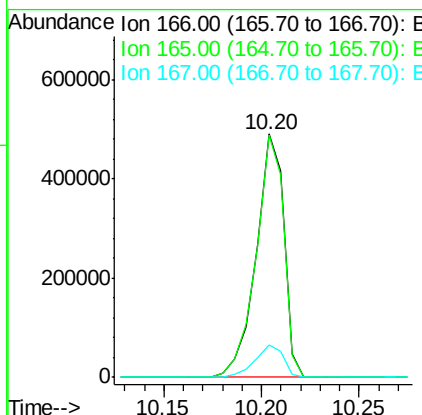
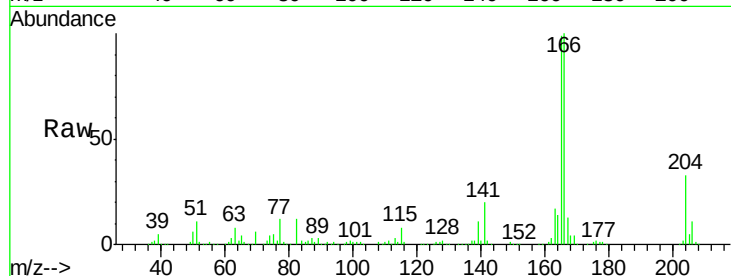




#57
 Fluorene
 Concen: 43.32 ng
 RT: 10.20 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

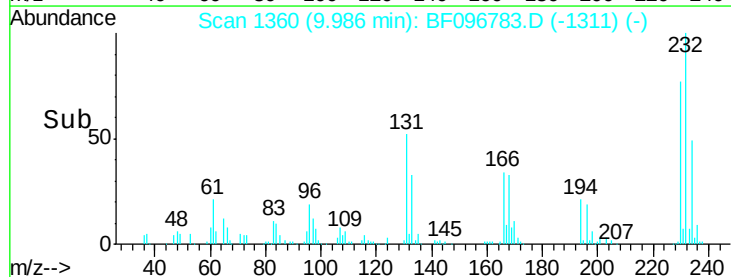
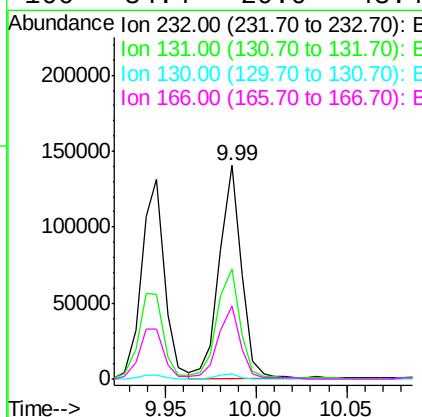
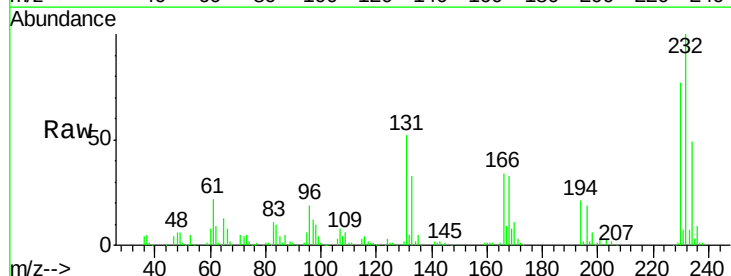
Instrument :
 BNA_F
 ClientSampleId :

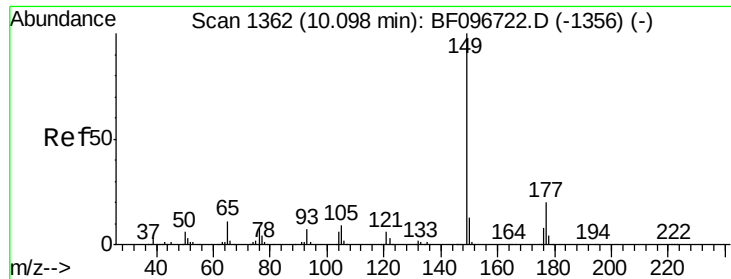
Tot Ion:166 Resp: 483391
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.48 ng
 RT: 9.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:232 Resp: 120037
 Ion Ratio Lower Upper
 232 100
 131 55.6 44.8 67.2
 130 2.3 2.3 3.5
 166 34.4 29.0 43.4





#59

Diethylphthalate

Concen: 40.90 ng

RT: 10.09 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

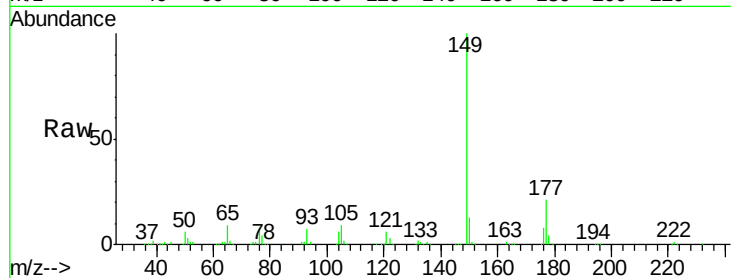
Tot Ion:149 Resp: 543448

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

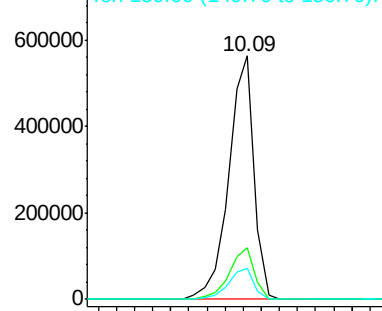
150 12.7 10.2 15.2



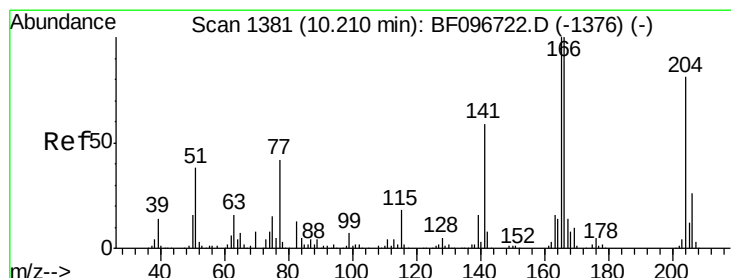
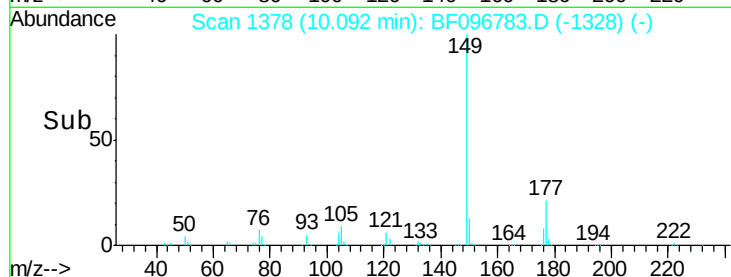
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 42.80 ng

RT: 10.20 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

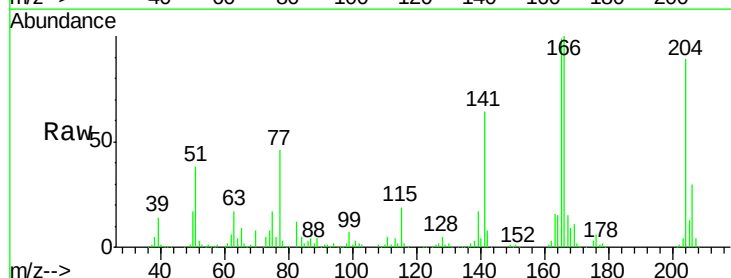
Tgt Ion:204 Resp: 200409

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

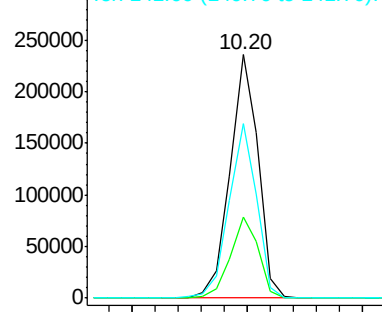
141 71.8 60.8 91.2



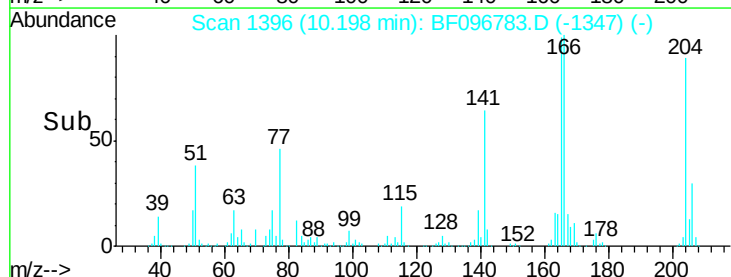
Abundance Ion 204.00 (203.70 to 204.70): E

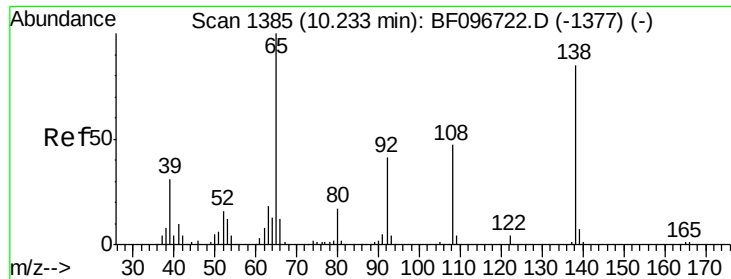
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

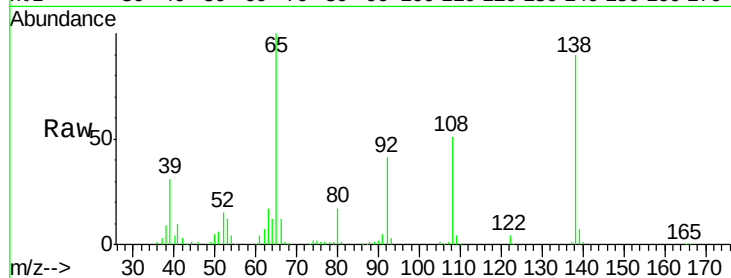




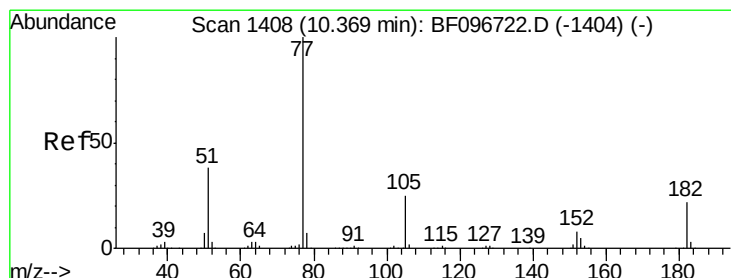
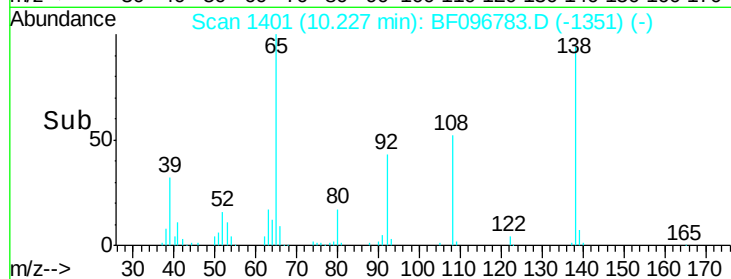
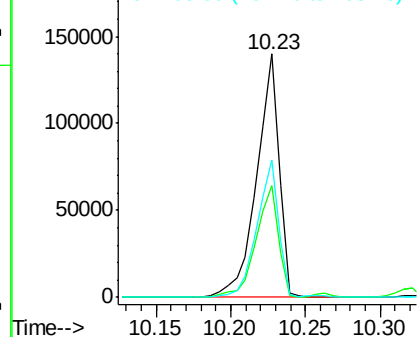
#61
4-Nitroaniline
Concen: 44.04 ng
RT: 10.23 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 144850
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 56.5 42.3 82.3

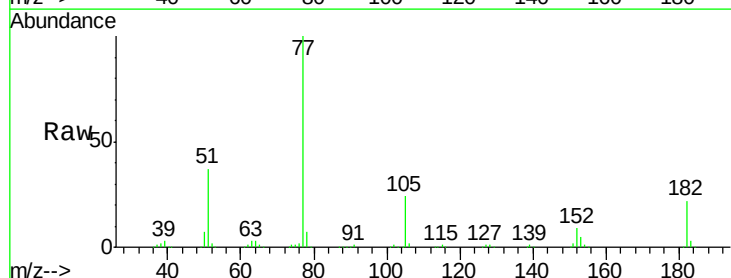


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

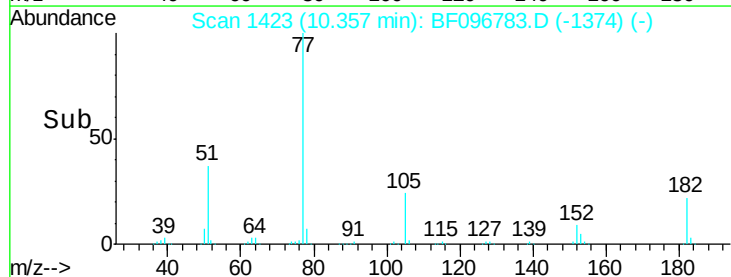
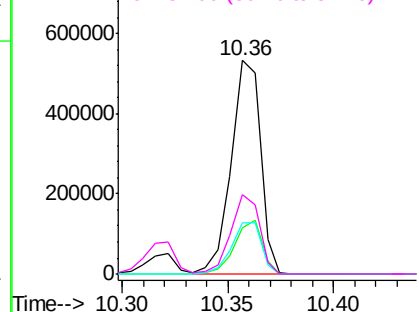


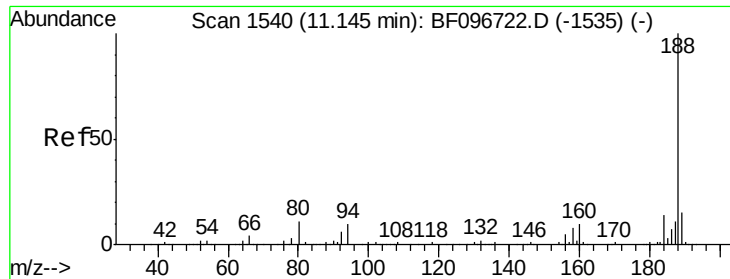
#62
Azobenzene
Concen: 43.61 ng
RT: 10.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion: 77 Resp: 511247
Ion Ratio Lower Upper
77 100
182 21.6 0.1 40.1
105 24.3 3.6 43.6
51 37.4 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

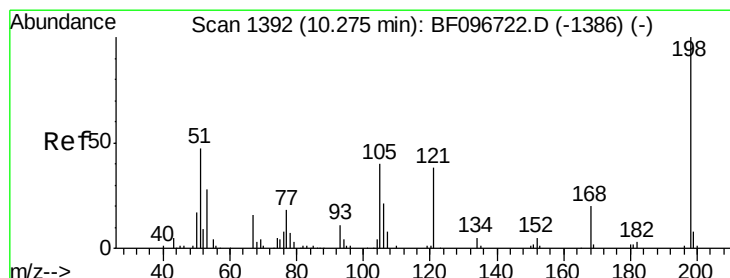
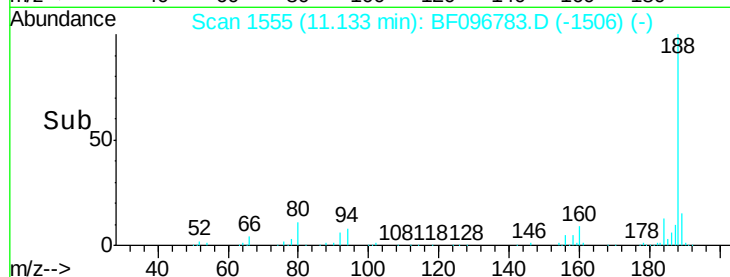
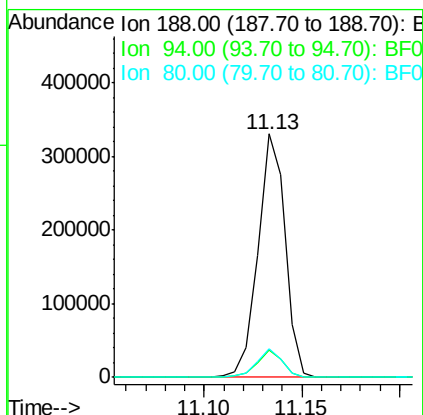
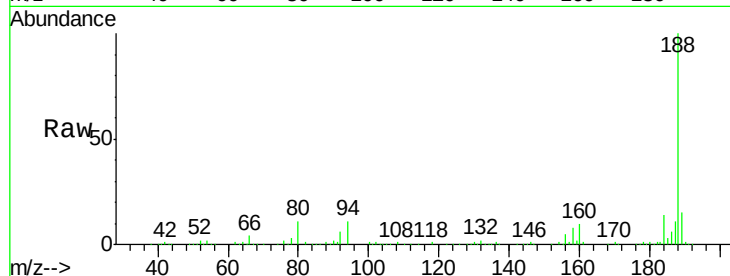




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

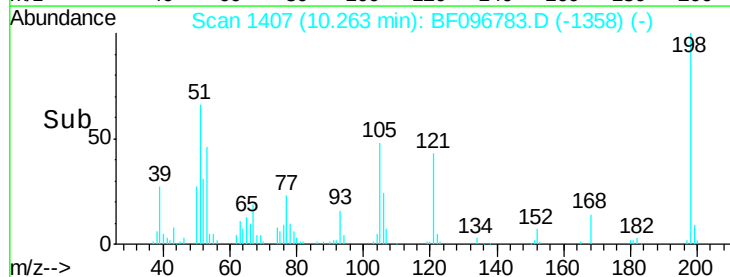
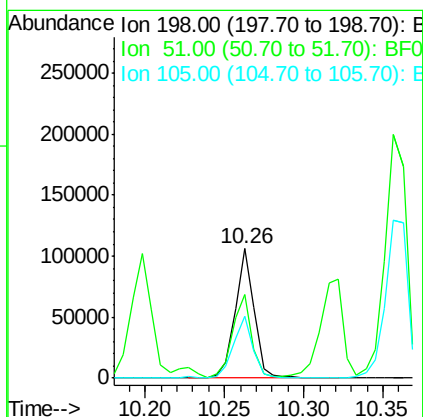
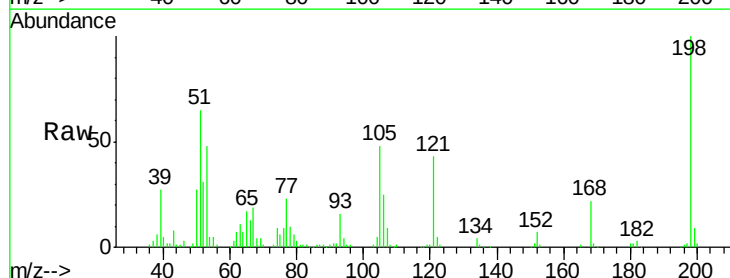
Instrument :
 BNA_F
 ClientSampleId :

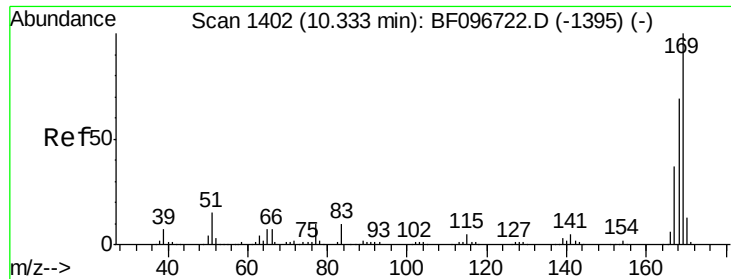
Tot Ion:188 Resp: 318021
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.51 ng
 RT: 10.26 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:198 Resp: 88879
 Ion Ratio Lower Upper
 198 100
 51 64.6 53.2 93.2
 105 47.5 45.8 85.8

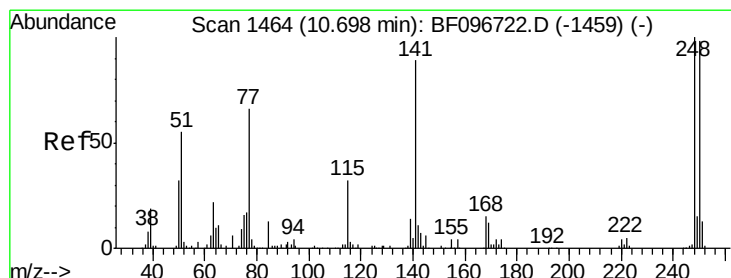
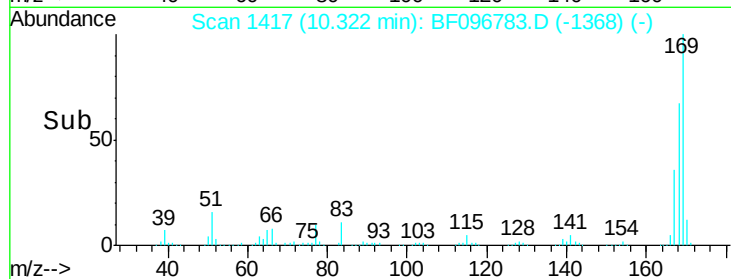
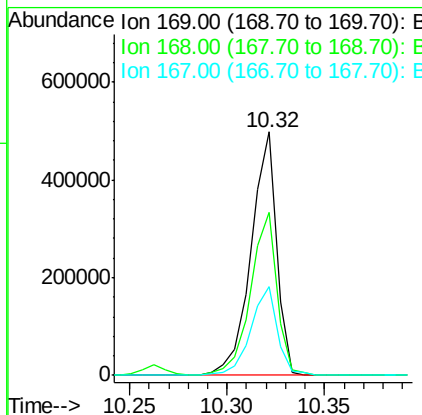
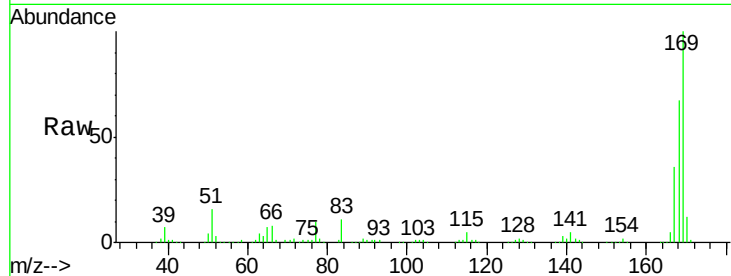




#65
 n-Nitrosodiphenylamine
 Concen: 39.95 ng
 RT: 10.32 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

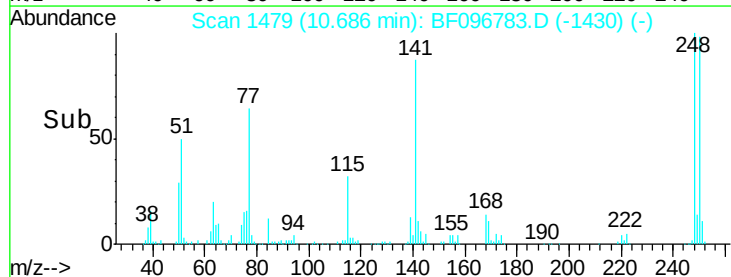
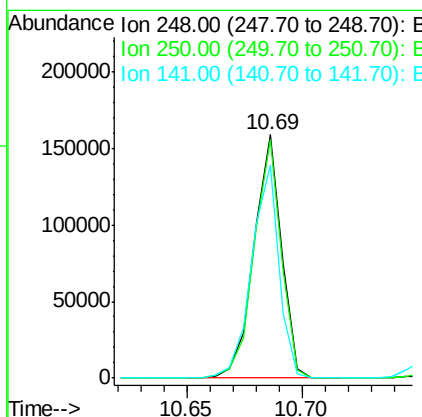
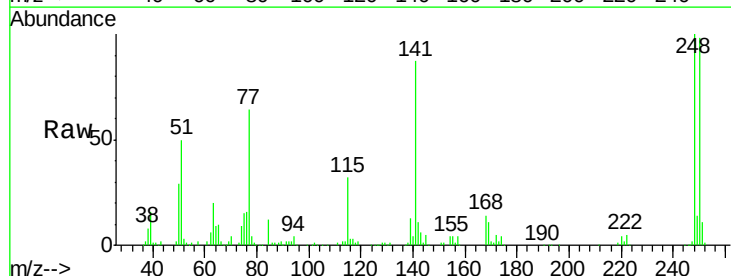
Instrument :
 BNA_F
 ClientSampleId :

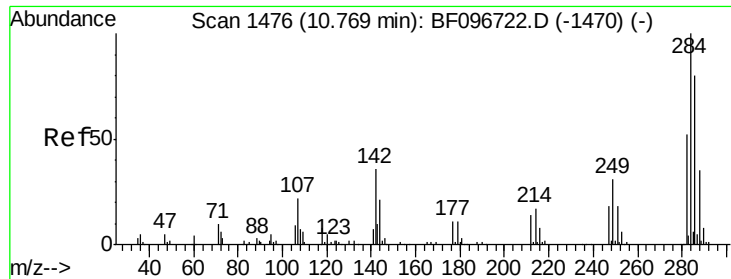
Tot Ion:169 Resp: 454193
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.2 79.8
 167 36.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.08 ng
 RT: 10.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:248 Resp: 133376
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.8 115.2
 141 87.2 68.6 103.0

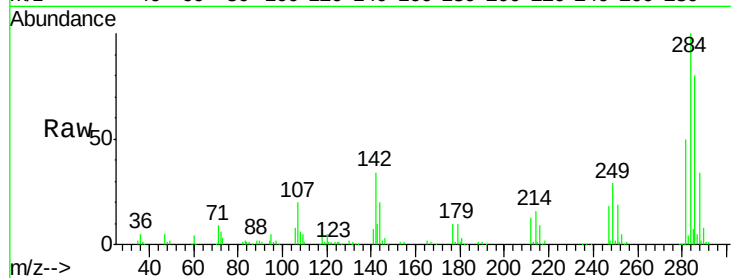




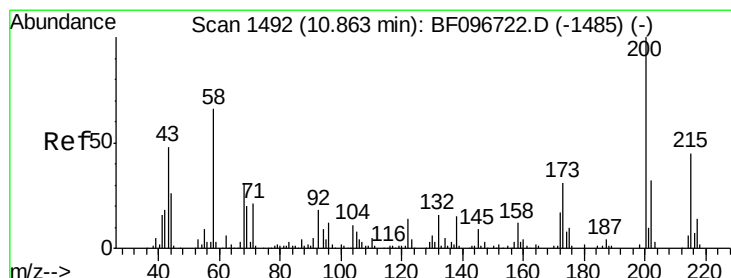
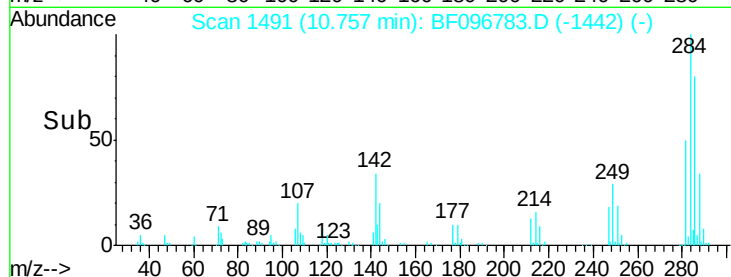
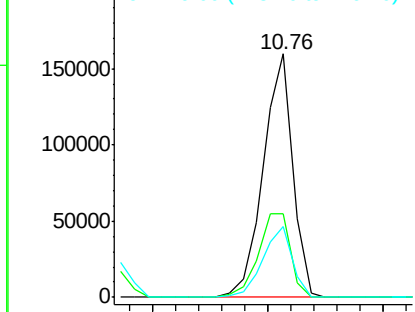
#67
Hexachlorobenzene
Concen: 39.37 ng
RT: 10.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.4	22.8	34.2#
249	29.0	24.0	36.0

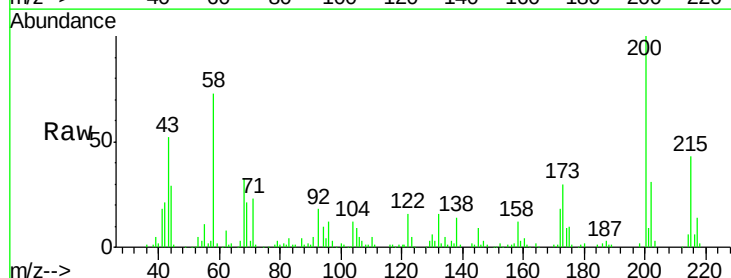


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

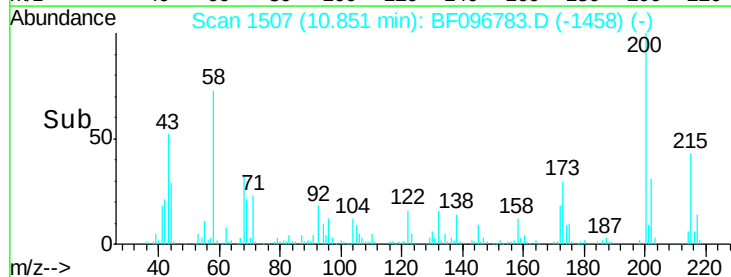
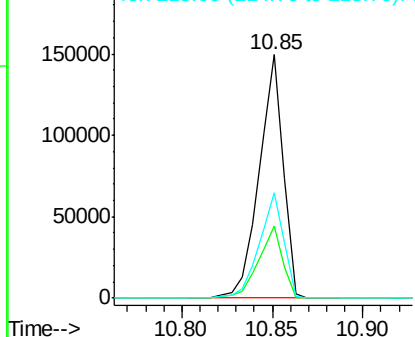


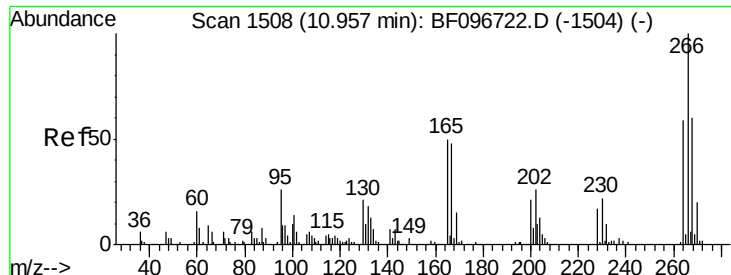
#68
Atrazine
Concen: 42.65 ng
RT: 10.85 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	6.3	46.3
215	43.4	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

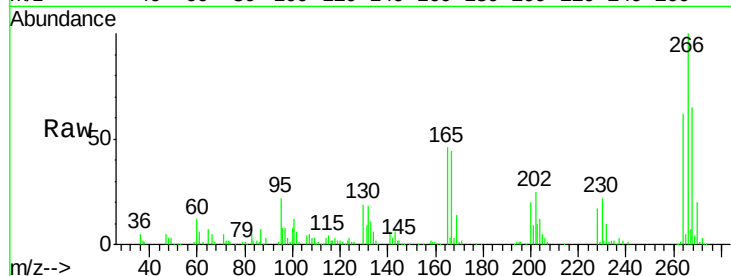




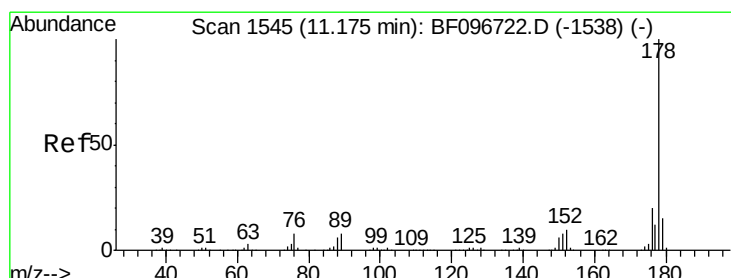
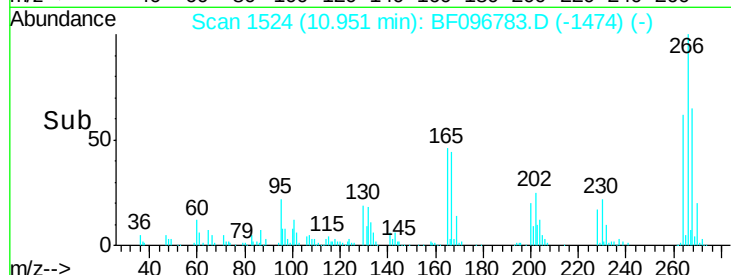
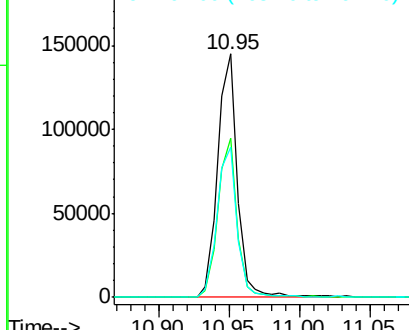
#69
 Pentachlorophenol
 Concen: 80.98 ng
 RT: 10.95 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 141478
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 61.8 51.7 77.5

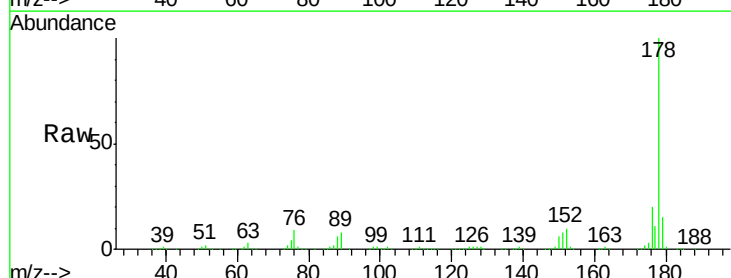


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

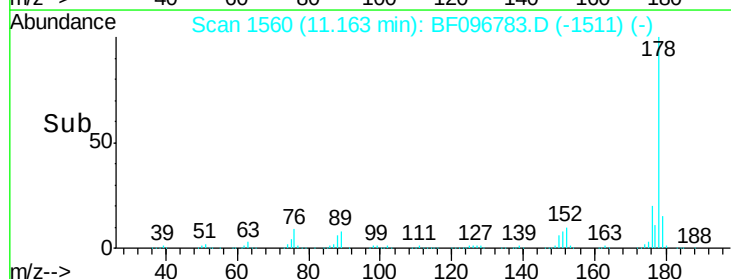
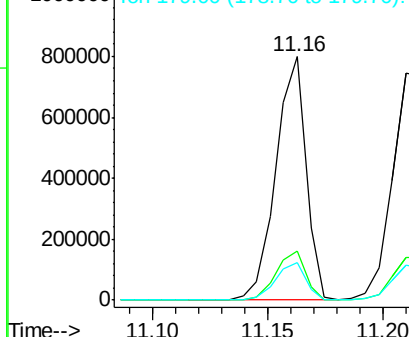


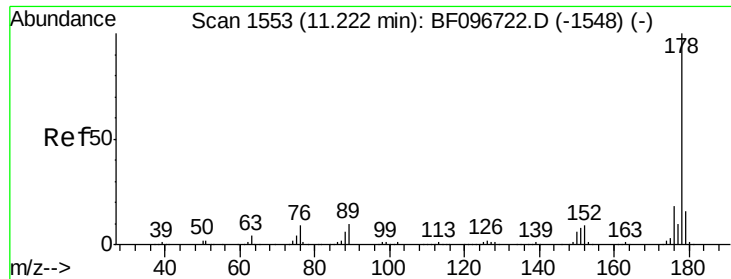
#70
 Phenanthrene
 Concen: 41.96 ng
 RT: 11.16 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:178 Resp: 725650
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.3 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

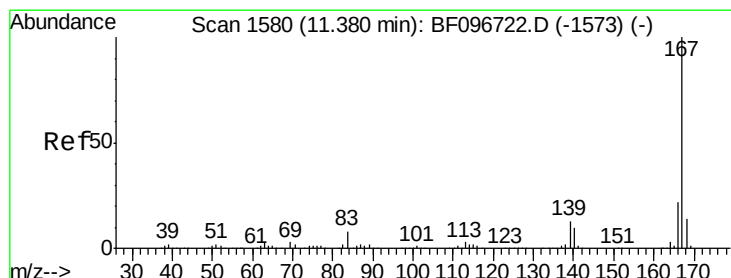
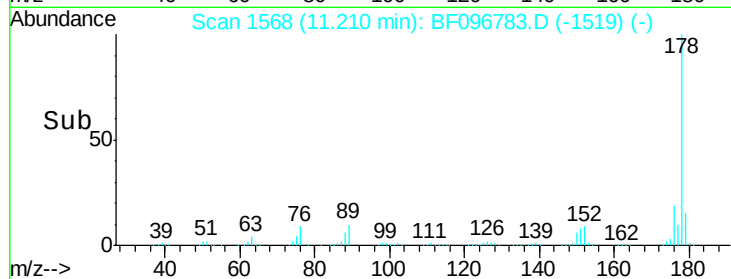
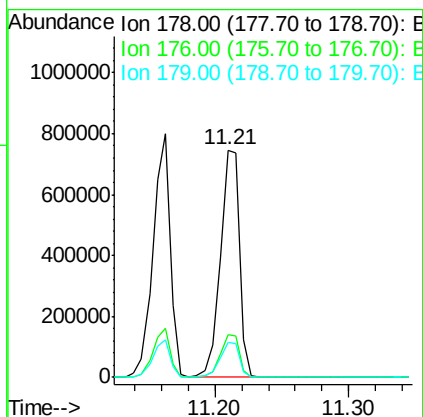
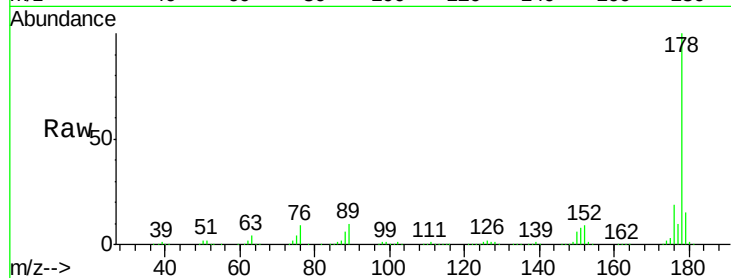




#71
 Anthracene
 Concen: 43.31 ng
 RT: 11.21 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

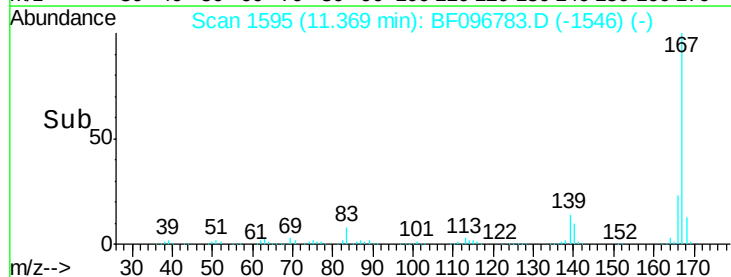
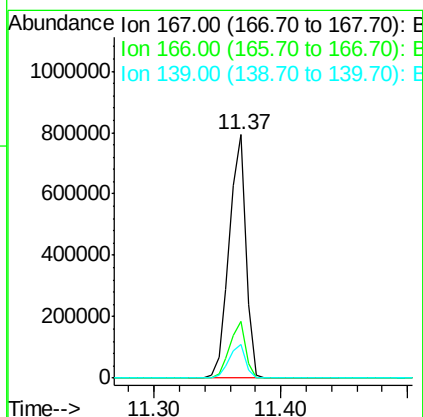
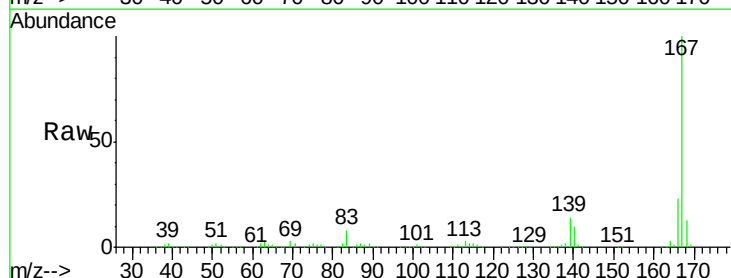
Instrument :
 BNA_F
 ClientSampled :

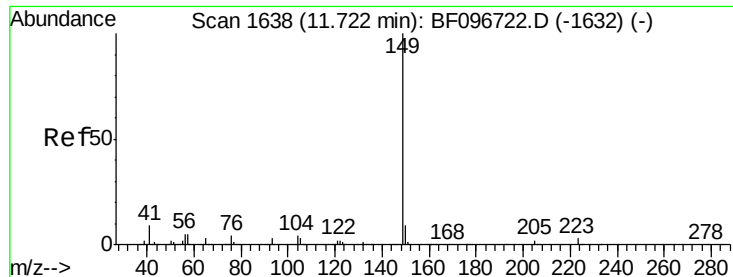
Tot Ion:178 Resp: 757258
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 42.81 ng
 RT: 11.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:167 Resp: 724805
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.81 ng

RT: 11.71 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096783.D

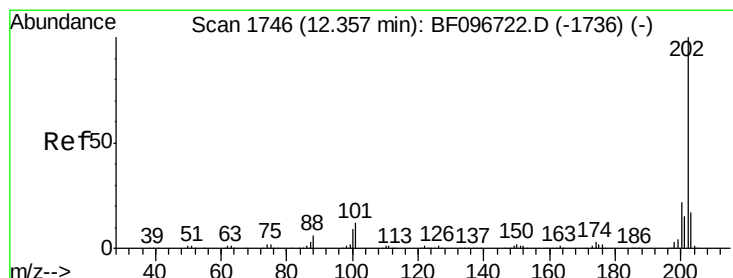
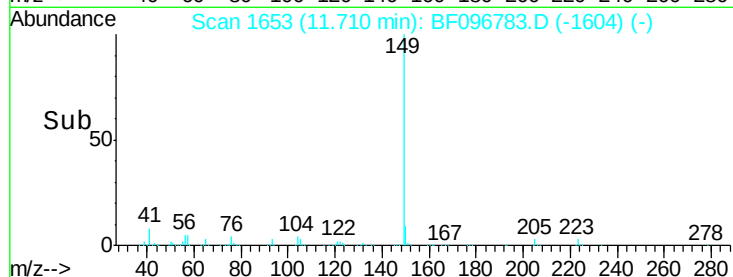
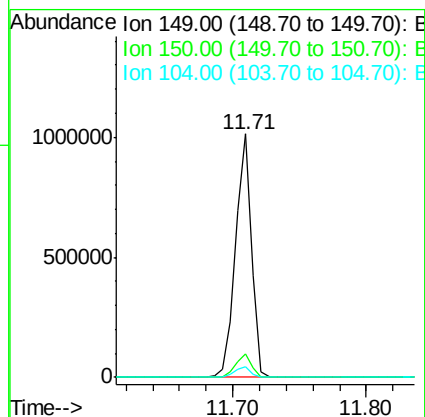
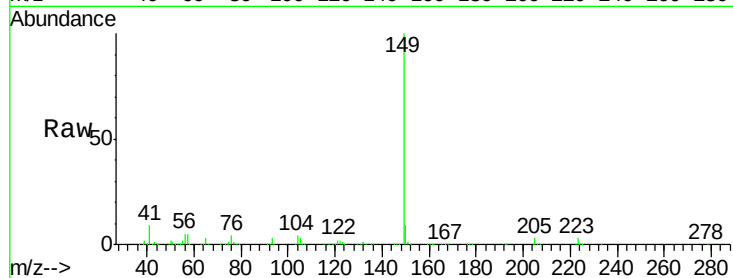
Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	860600
Ion Ratio	Lower	Upper
149	100	
150	9.5	7.7 11.5
104	4.2	4.0 6.0



#74

Fluoranthene

Concen: 45.01 ng

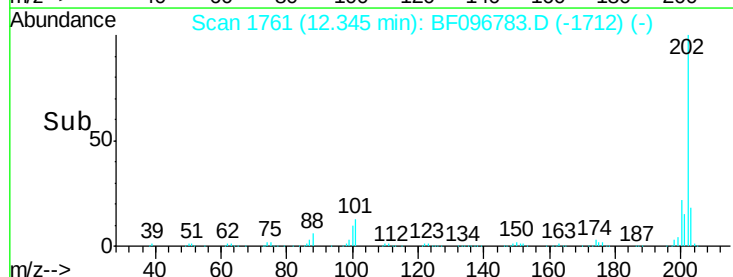
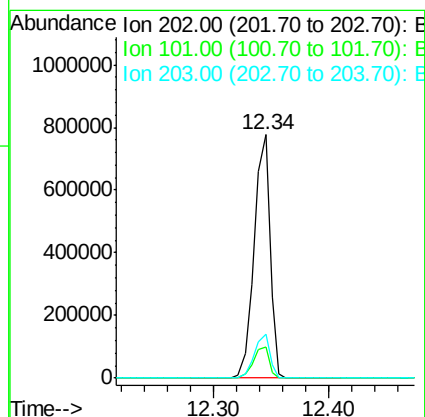
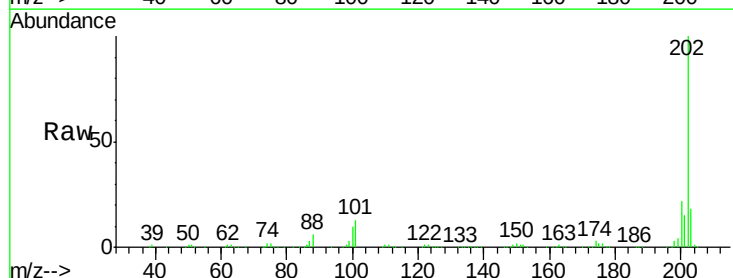
RT: 12.34 min Scan# 1761

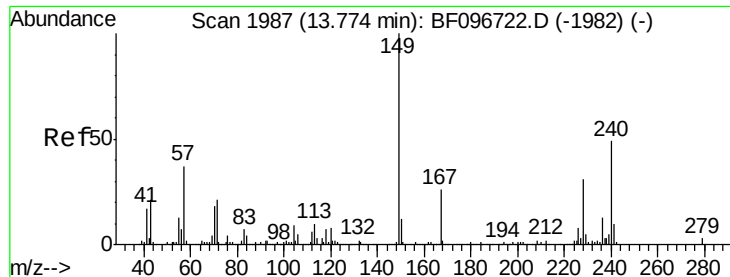
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:202	Resp:	744944
Ion Ratio	Lower	Upper
202	100	
101	12.8	0.0 33.2
203	17.8	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

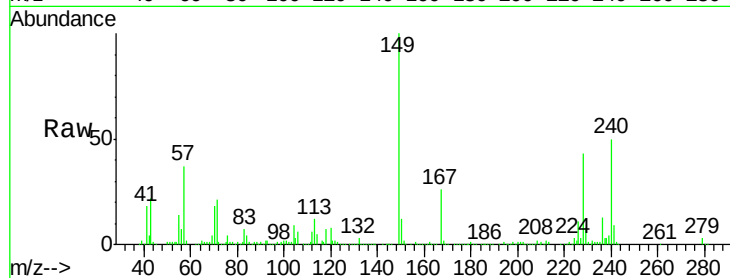
Tot Ion:240 Resp: 217076

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

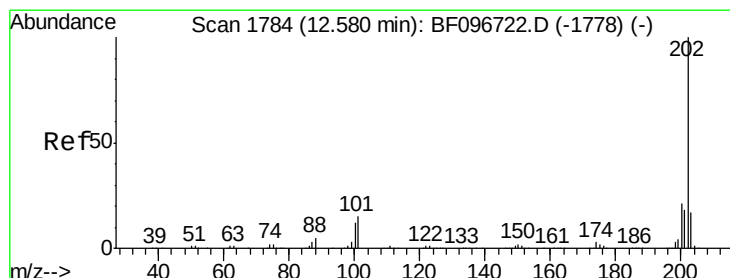
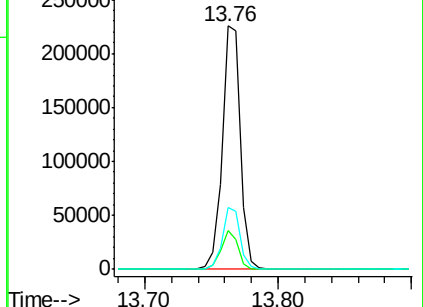
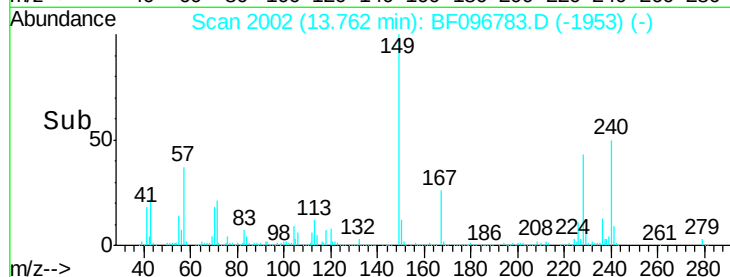
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.14 ng

RT: 12.57 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

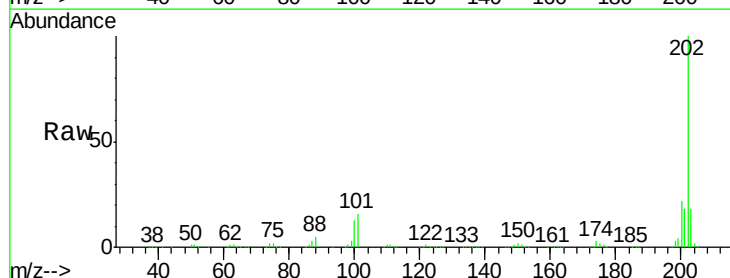
Tgt Ion:202 Resp: 771022

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

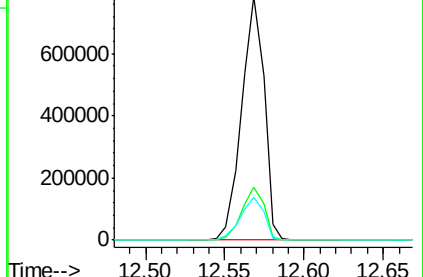
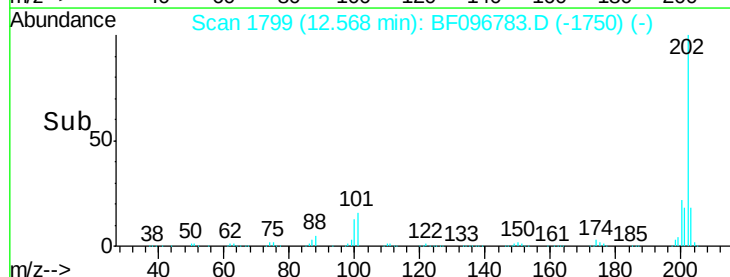
203 17.6 14.4 21.6

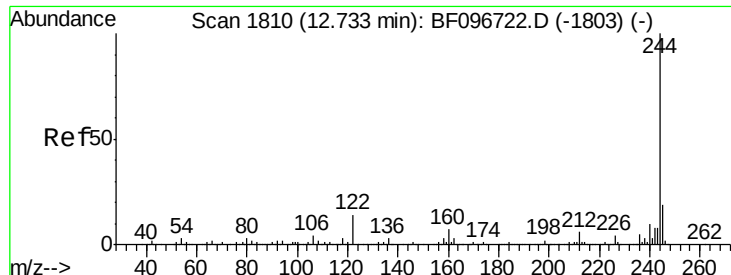


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

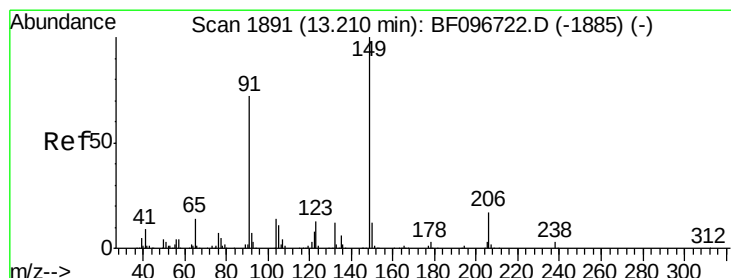
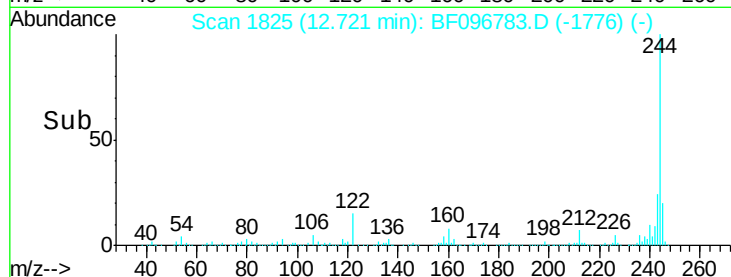
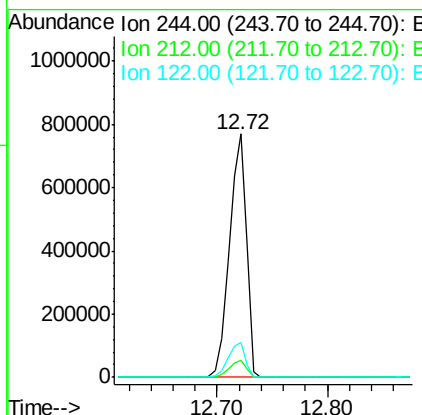
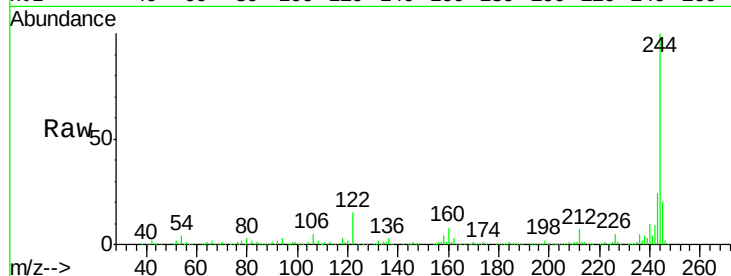




#78
 Terphenyl-d14
 Concen: 66.41 ng
 RT: 12.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

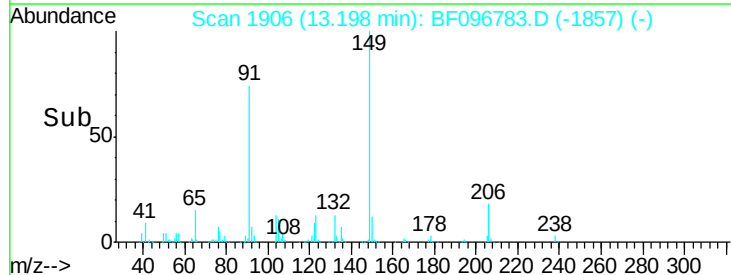
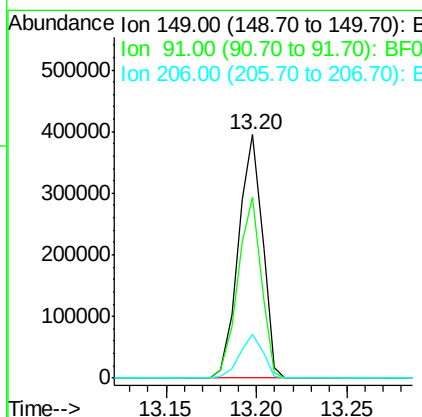
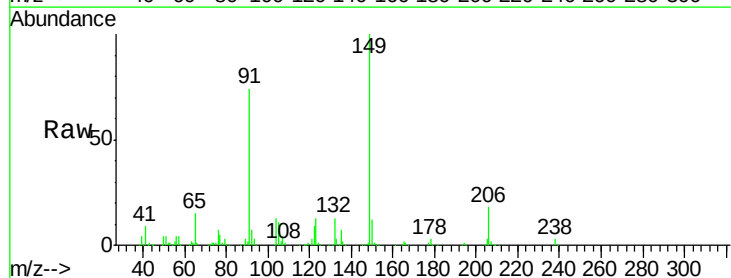
Instrument :
 BNA_F
 ClientSampled :

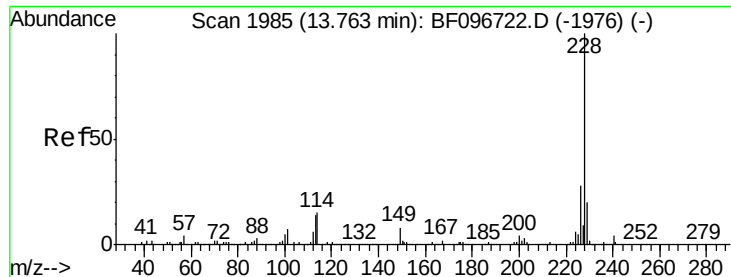
Tot Ion:244 Resp: 831278
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.6 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 77.75 ng
 RT: 13.20 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF096783.D
 Acq: 14 Jul 2017 20:38

Tgt Ion:149 Resp: 363883
 Ion Ratio Lower Upper
 149 100
 91 74.1 45.0 67.4#
 206 18.2 17.0 25.6

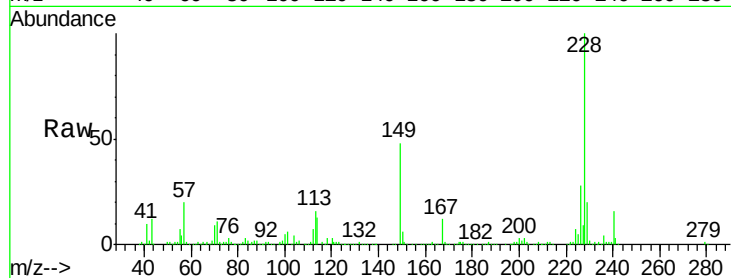




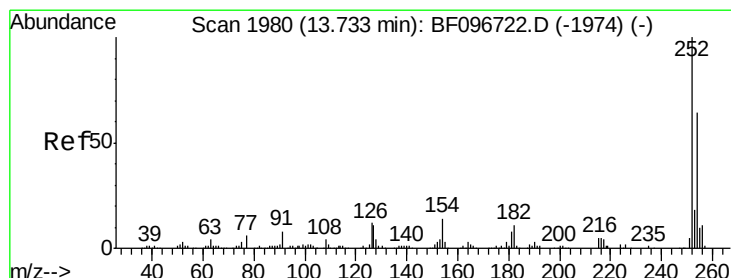
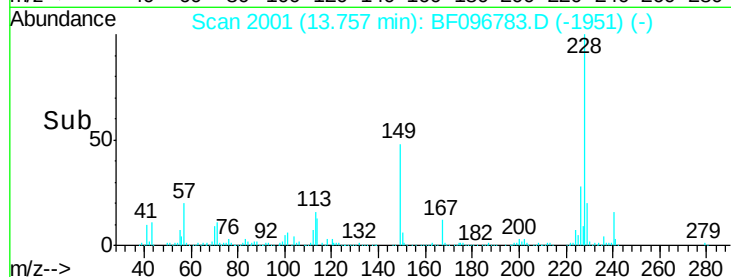
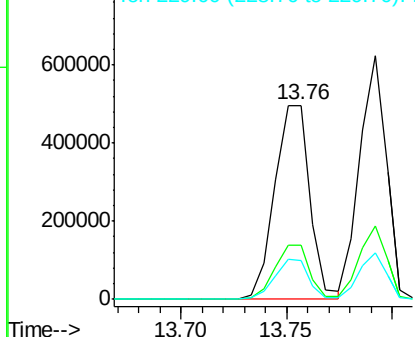
#80
Benzo(a)anthracene
Concen: 42.85 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 579518
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.7 16.3 24.5

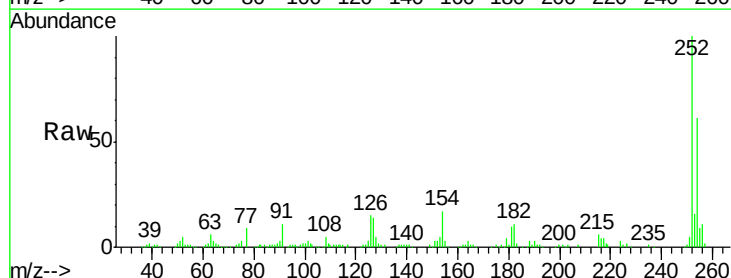


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

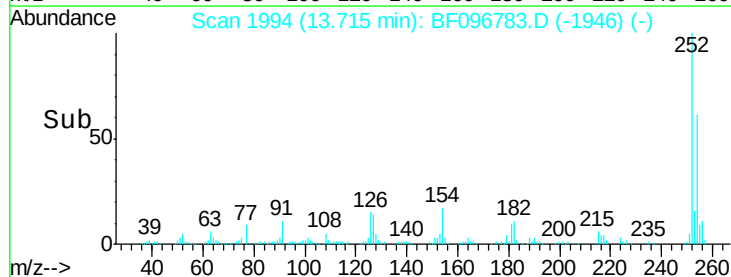
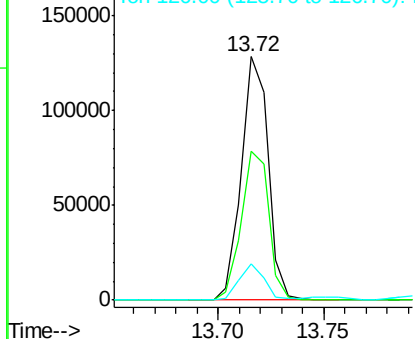


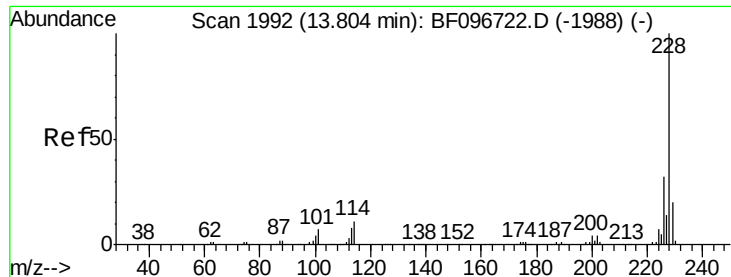
#81
3,3'-Dichlorobenzidine
Concen: 23.20 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:252 Resp: 112829
Ion Ratio Lower Upper
252 100
254 60.9 51.5 77.3
126 15.1 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.84 ng

RT: 13.79 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

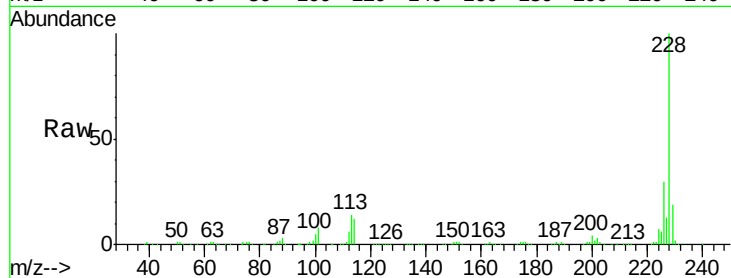
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 557166

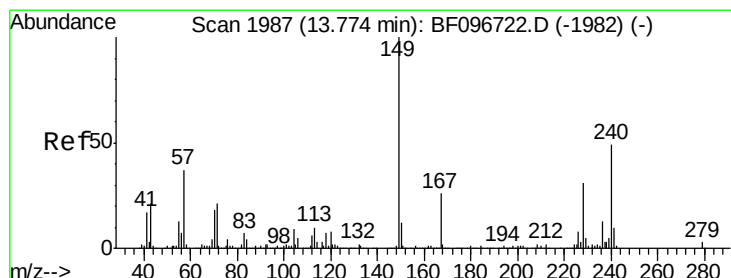
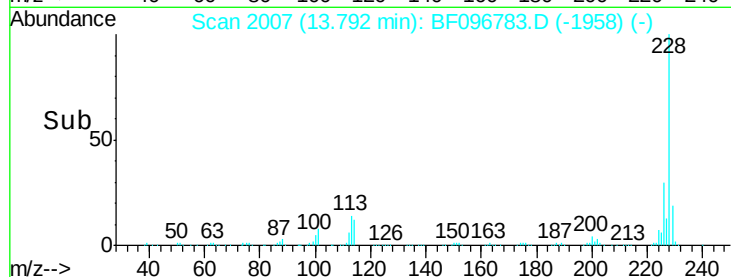
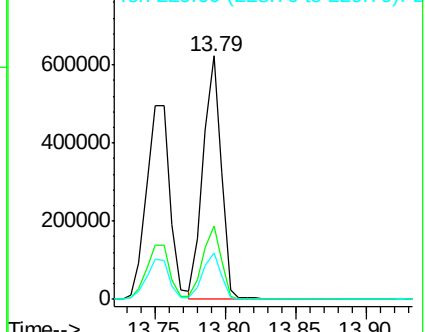
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.66 ng

RT: 13.76 min Scan# 2002

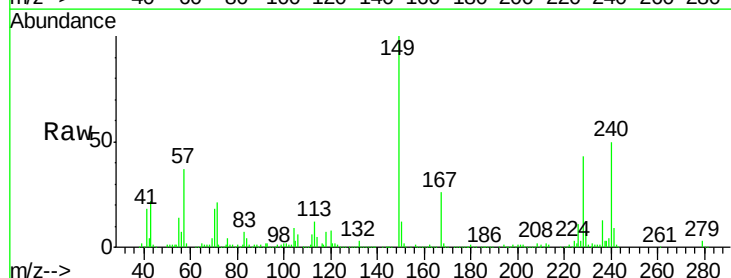
Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Tgt Ion:149 Resp: 440674

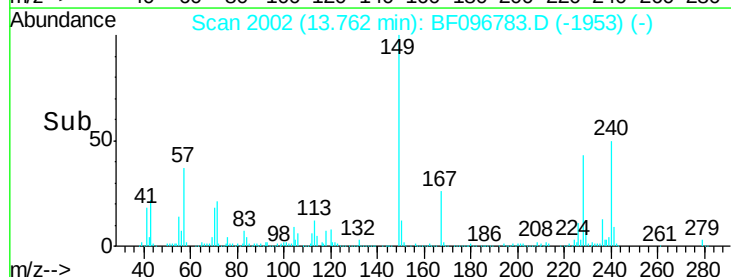
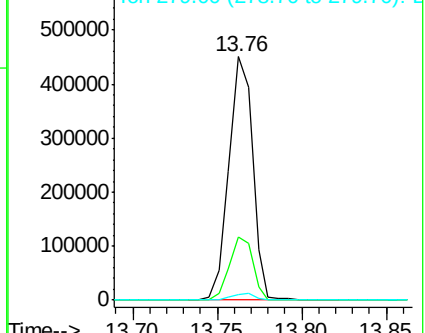
Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.0	31.4
279	2.5	1.9	2.9

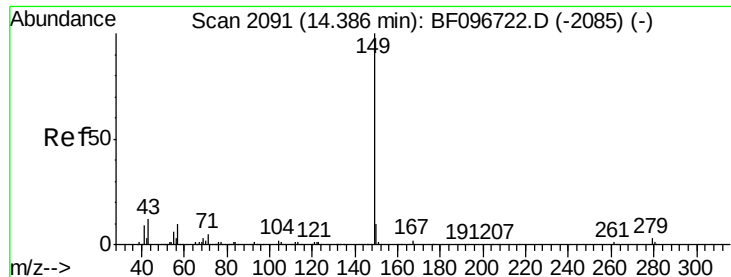


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 40.78 ng

RT: 14.37 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

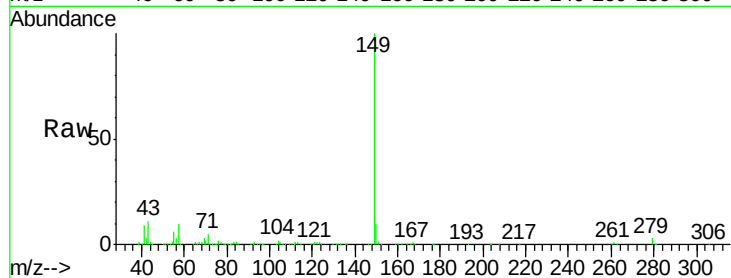
Tot Ion:149 Resp: 768348

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

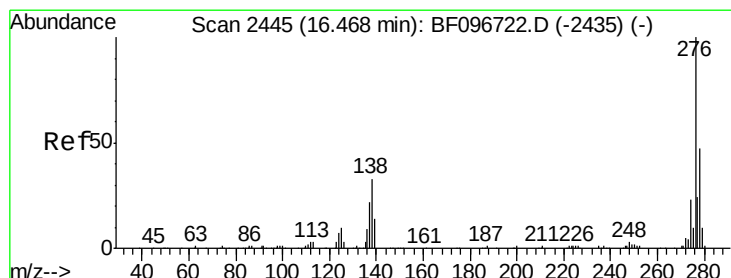
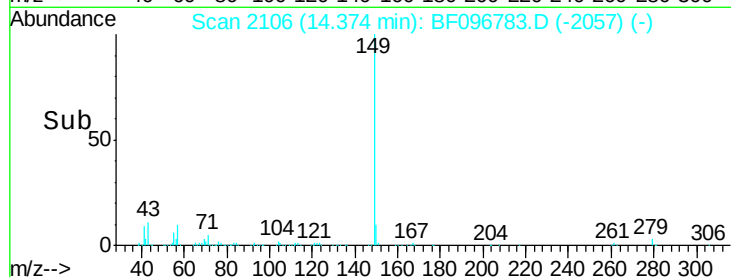
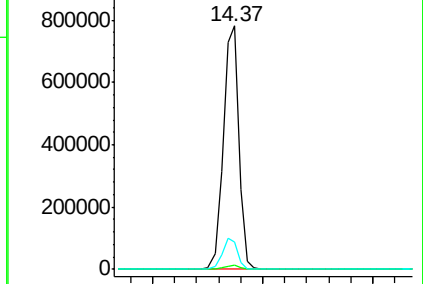
43 12.4 8.5 12.7



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: 36.37 ng

RT: 16.44 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF096783.D

Acq: 14 Jul 2017 20:38

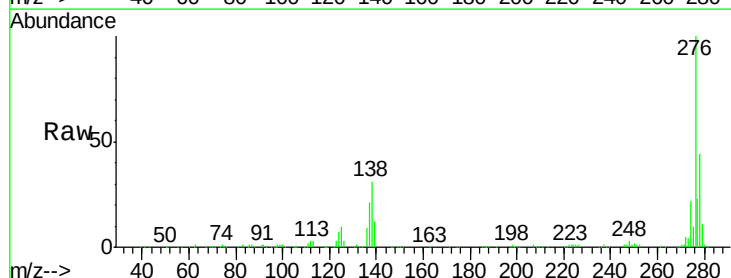
Tgt Ion:276 Resp: 444713

Ion Ratio Lower Upper

276 100

138 34.5 27.8 41.6

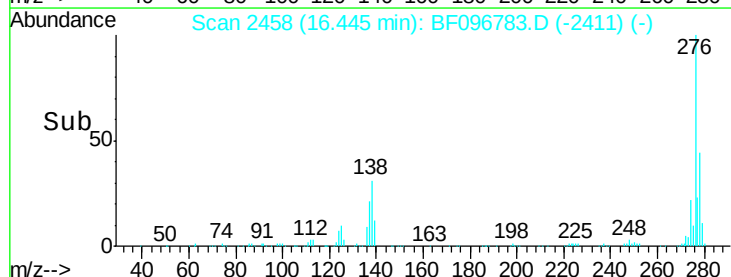
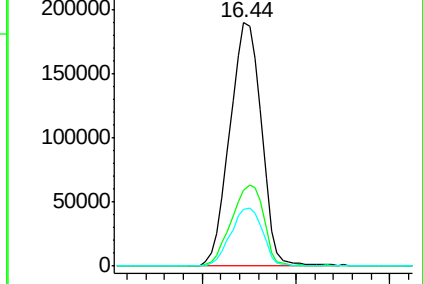
277 24.2 20.2 30.4

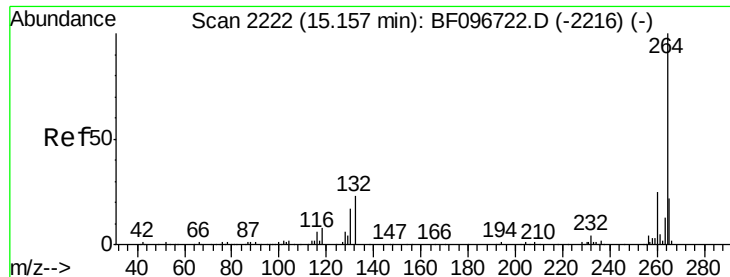


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

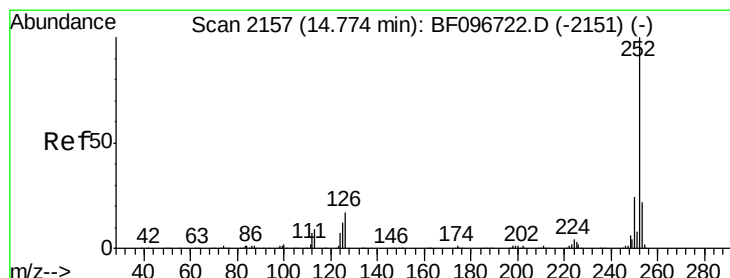
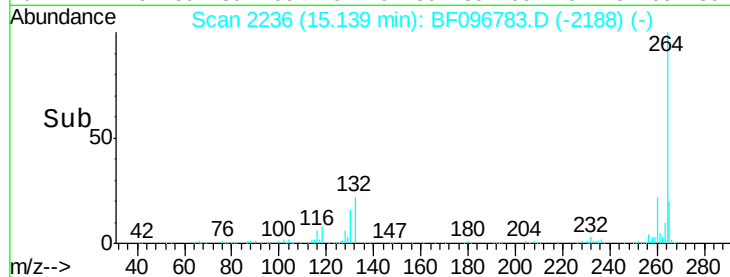
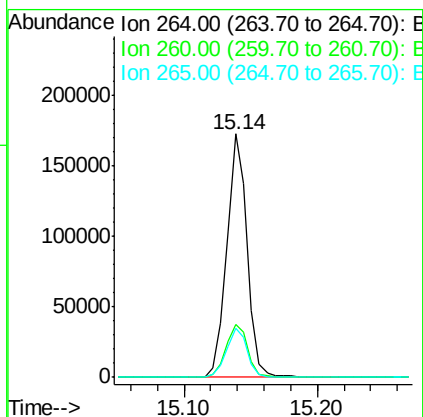
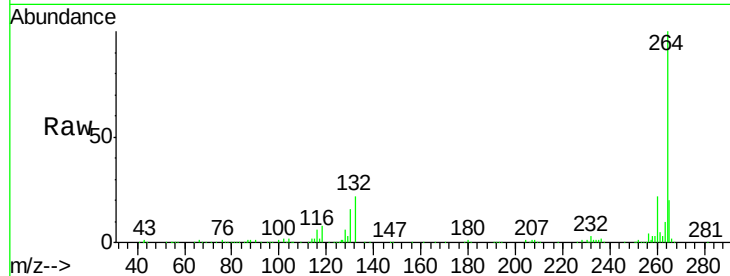




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

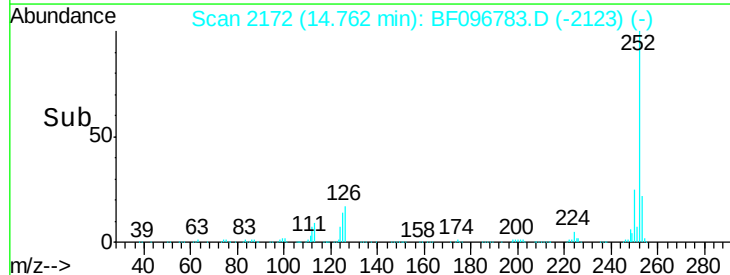
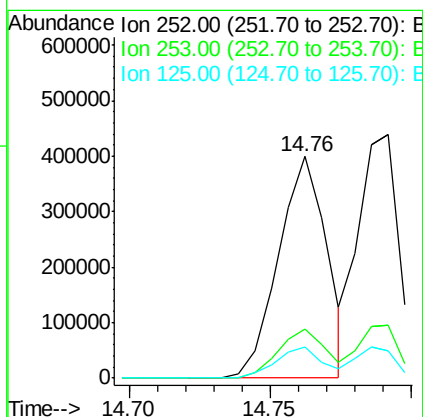
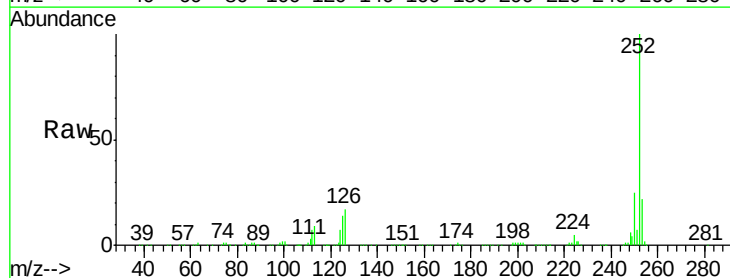
Instrument :
BNA_F
ClientSampleId :

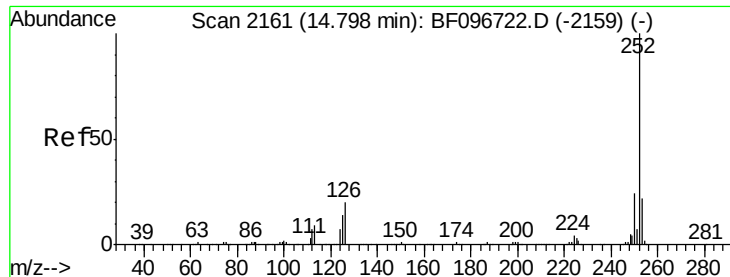
Tot Ion:264 Resp: 185287
Ion Ratio Lower Upper
264 100
260 21.6 19.5 29.3
265 19.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 42.39 ng
RT: 14.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:252 Resp: 473696
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.9 9.8 14.8

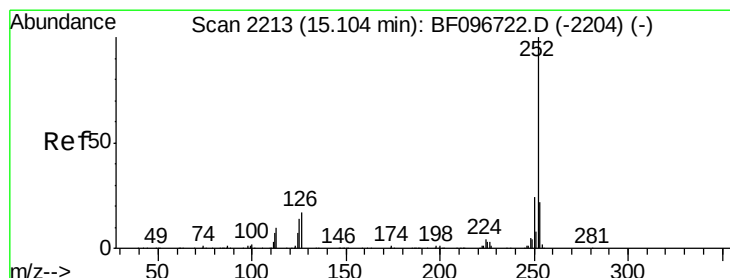
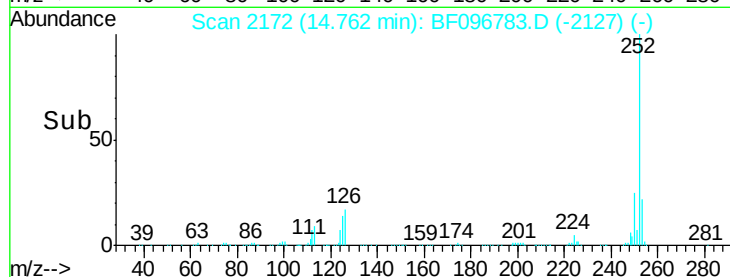
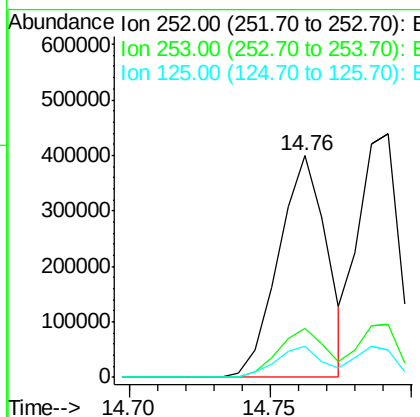
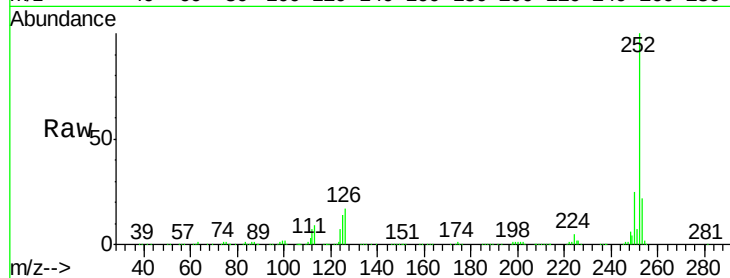




#88
Benzo(k)fluoranthene
Concen: 44.76 ng
RT: 14.76 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

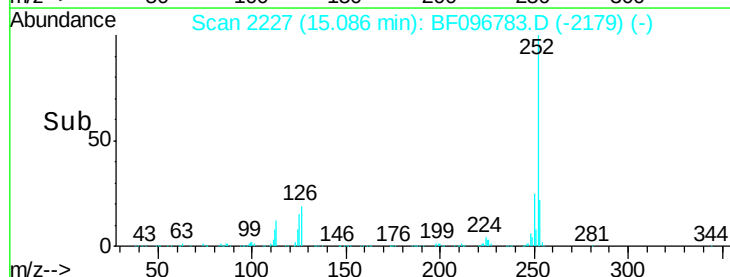
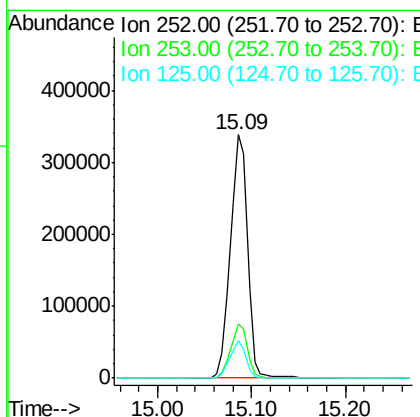
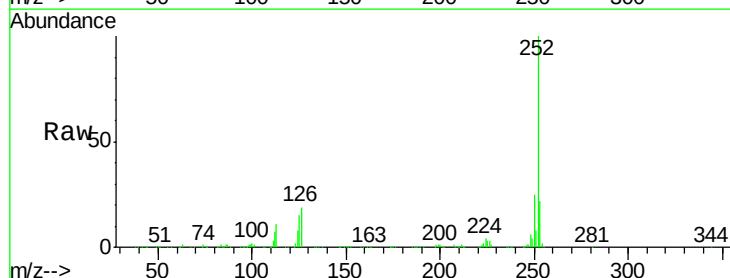
Instrument :
BNA_F
ClientSampled :

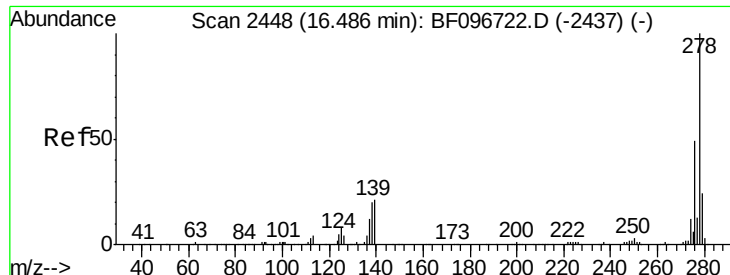
Tot Ion:252 Resp: 473696
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.9 13.1 19.7



#89
Benzo(a)pyrene
Concen: 42.13 ng
RT: 15.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion:252 Resp: 431780
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 15.2 11.0 16.4

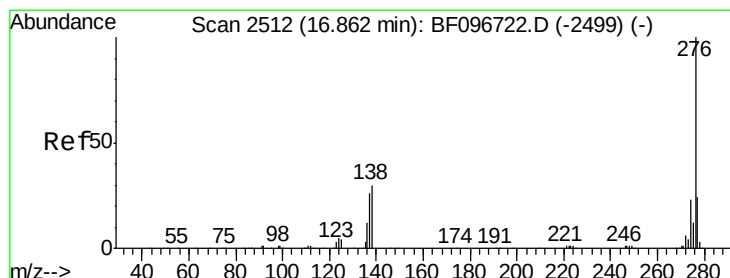
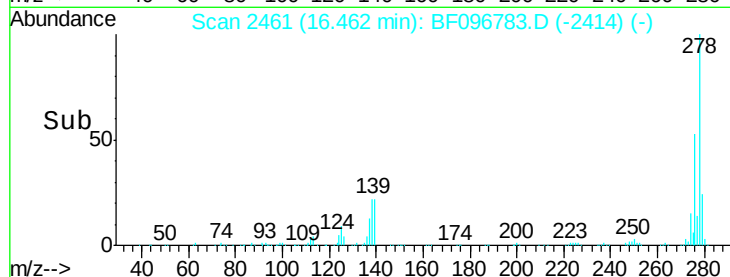
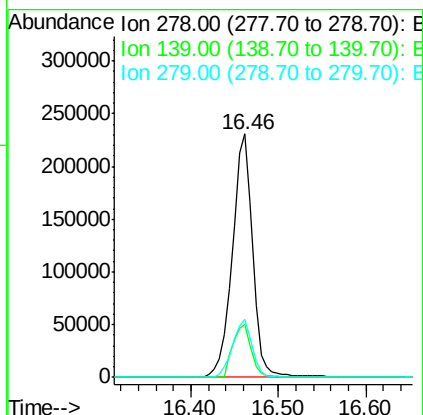
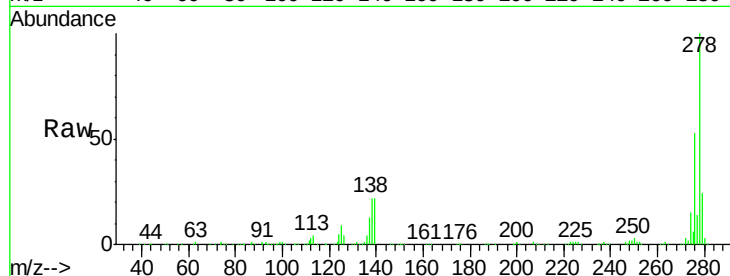




#90
Dibenzo(a,h)anthracene
Concen: 38.69 ng
RT: 16.46 min Scan# 2461
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.6	24.8
279	23.7	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 38.06 ng
RT: 16.84 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF096783.D
Acq: 14 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	28.3	25.4	38.0

