

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096780.D
 Acq On : 14 Jul 2017 19:14
 Operator : SJ/JU
 Sample : PB100644BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:50:32 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	6.63	152	104395	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	418347	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	173111	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	310977	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	211650	20.00	ng	0.00
86) Perylene-d12	15.14	264	178467	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	896142	129.07	ng	0.00
7) Phenol-d6	6.28	99	953133	114.40	ng	0.00
23) Nitrobenzene-d5	7.19	82	654081	96.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	207162	140.20	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1019533	93.05	ng	-0.01
78) Terphenyl-d14	12.72	244	913646	74.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	110925	31.05	ng	# 76
3) Pyridine	2.96	79	279524	37.23	ng	# 61
4) n-Nitrosodimethylamine	2.90	42	177271	42.22	ng	# 77
6) Aniline	6.29	93	350647	34.17	ng	# 23
8) 2-Chlorophenol	6.42	128	294501	39.32	ng	100
9) Benzaldehyde	6.17	77	143346	29.77	ng	100
10) Phenol	6.29	94	354435	37.63	ng	78
11) bis(2-Chloroethyl)ether	6.37	93	278152	39.27	ng	92
12) 1,3-Dichlorobenzene	6.57	146	339037	42.58	ng	99
13) 1,4-Dichlorobenzene	6.65	146	352841	43.76	ng	97
14) 1,2-Dichlorobenzene	6.80	146	324661	44.27	ng	96
15) Benzyl Alcohol	6.77	79	262939	48.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	660976	45.22	ng	93
17) 2-Methylphenol	6.89	107	267821	45.98	ng	99
18) Hexachloroethane	7.14	117	122165	42.73	ng	# 82
19) n-Nitroso-di-n-propylamine	7.05	70	213752	42.58	ng	# 85
20) 3+4-Methylphenols	7.05	107	316117	44.72	ng	# 70
22) Acetophenone	7.04	105	433413	46.35	ng	# 97
24) Nitrobenzene	7.21	77	319991	45.81	ng	94
25) Isophorone	7.46	82	537609	42.79	ng	95
26) 2-Nitrophenol	7.53	139	186647	48.05	ng	# 88
27) 2,4-Dimethylphenol	7.57	122	306693	48.00	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	398724	46.96	ng	100
29) 2,4-Dichlorophenol	7.77	162	276006	47.72	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	235745	42.87	ng	97
31) Naphthalene	7.93	128	945102	47.69	ng	99
32) Benzoic acid	7.72	122	231713	56.74	ng	93
33) 4-Chloroaniline	7.98	127	313690	39.95	ng	97
34) Hexachlorobutadiene	8.06	225	132343	45.08	ng	99
35) Caprolactam	8.36	113	42115	22.72	ng	# 65
36) 4-Chloro-3-methylphenol	8.47	107	257670	41.43	ng	89
37) 2-Methylnaphthalene	8.62	142	566915	44.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	196782	42.05	ng	99
40) Hexachlorocyclopentadiene	8.78	237	184509	103.29	ng	99

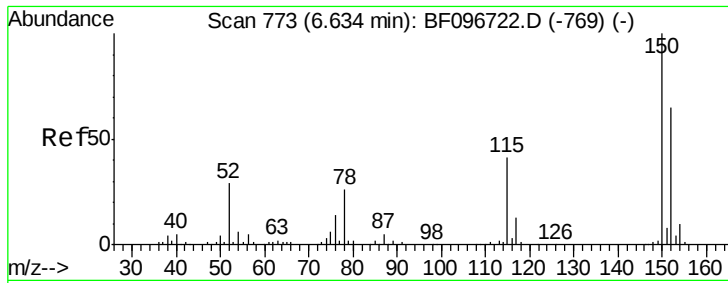
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	155626	45.09	nq	100
43) 2,4,5-Trichlorophenol	8.95	196	167828	48.21	nq	95
45) 1,1'-Biphenyl	9.09	154	638488	43.01	nq	98
46) 2-Chloronaphthalene	9.11	162	497602	45.52	nq	94
47) 2-Nitroaniline	9.20	65	176507	46.97	nq	93
48) Acenaphthylene	9.52	152	795816	45.69	nq	99
49) Dimethylphthalate	9.39	163	603589	46.31	nq	99
50) 2,6-Dinitrotoluene	9.45	165	131575	46.60	nq	# 86
51) Acenaphthene	9.69	154	459257	44.63	nq	98
52) 3-Nitroaniline	9.62	138	125854	37.63	nq	92
53) 2,4-Dinitrophenol	9.73	184	145063	101.77	nq	# 75
54) Dibenzofuran	9.87	168	687170	47.65	nq	98
55) 4-Nitrophenol	9.79	139	237026	97.00	nq	# 67
56) 2,4-Dinitrotoluene	9.86	165	172906	47.66	nq	# 76
57) Fluorene	10.21	166	503160	47.22	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	130733	54.15	nq	# 97
59) Diethylphthalate	10.09	149	580924	45.78	nq	99
60) 4-Chlorophenyl-phenylether	10.20	204	209630	48.53	nq	92
61) 4-Nitroaniline	10.23	138	165682	52.75	nq	93
62) Azobenzene	10.36	77	551027	49.22	nq	92
64) 4,6-Dinitro-2-methylphenol	10.27	198	96894	49.63	nq	# 75
65) n-Nitrosodiphenylamine	10.32	169	484529	43.59	nq	98
66) 4-Bromophenyl-phenylether	10.69	248	142086	44.75	nq	97
67) Hexachlorobenzene	10.76	284	151375	42.81	nq	# 92
68) Atrazine	10.85	200	149102	47.08	nq	93
69) Pentachlorophenol	10.95	266	154175	90.25	nq	99
70) Phenanthrene	11.16	178	774784	45.82	nq	99
71) Anthracene	11.22	178	806974	47.20	nq	99
72) Carbazole	11.37	167	766628	46.31	nq	99
73) Di-n-butylphthalate	11.71	149	937611	45.47	nq	99
74) Fluoranthene	12.34	202	846556	52.31	nq	99
76) Benzidine	12.47	184	469743	67.75	nq	# 92
77) Pyrene	12.57	202	878208	45.72	nq	100
79) Butylbenzylphthalate	13.20	149	426265	93.41	nq	# 83
80) Benzo(a)anthracene	13.75	228	627172	47.56	nq	100
81) 3,3'-Dichlorobenzidine	13.72	252	183403	38.67	nq	# 94
82) Chrysene	13.79	228	623492	48.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	487989	43.91	nq	99
84) Di-n-octyl phthalate	14.37	149	737044	40.12	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.45	276	470388	39.02	nq	99
87) Benzo(b)fluoranthene	14.76	252	480573	44.65	nq	97
88) Benzo(k)fluoranthene	14.76	252	480573	47.15	nq	96
89) Benzo(a)pyrene	15.09	252	456430	46.23	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	385767	42.47	nq	96
91) Benzo(g,h,i)perylene	16.84	276	414389	42.60	nq	99

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

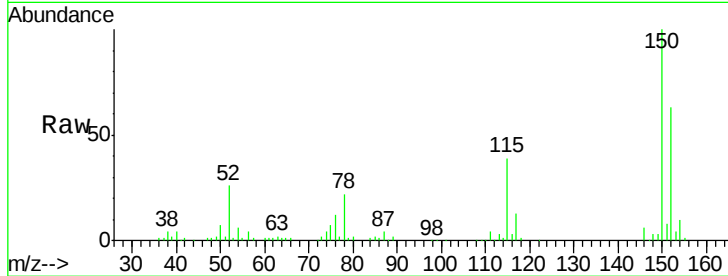


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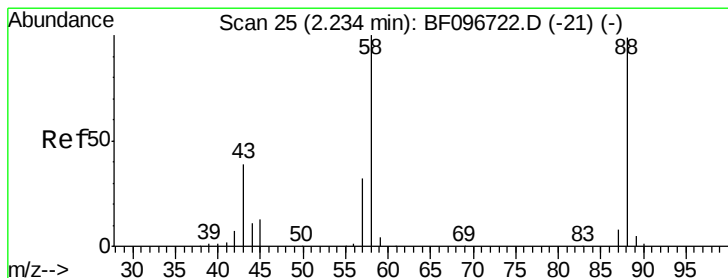
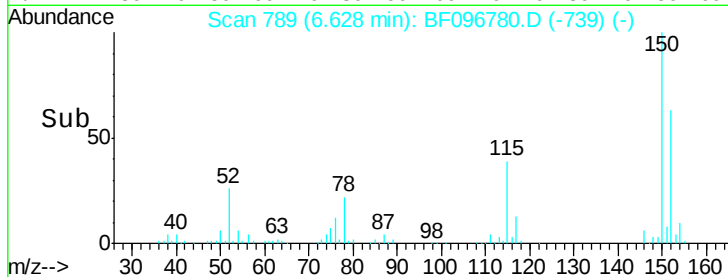
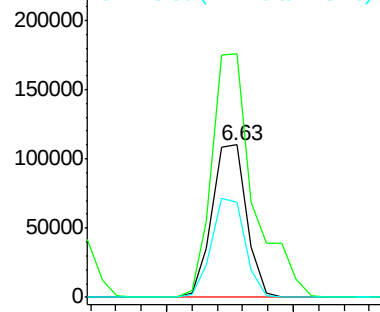
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104395
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 62.3 52.2 78.2



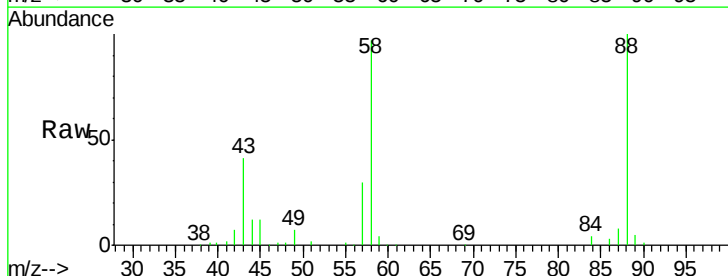
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



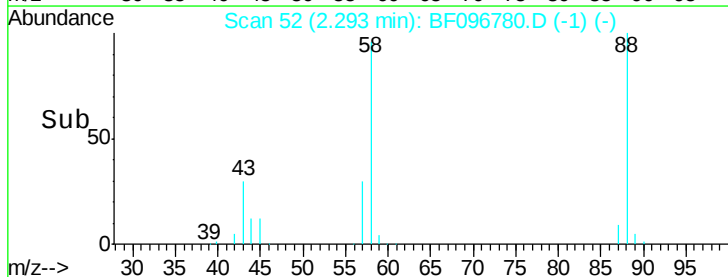
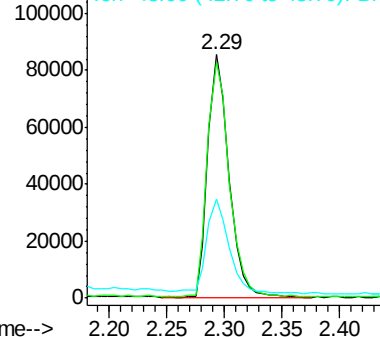
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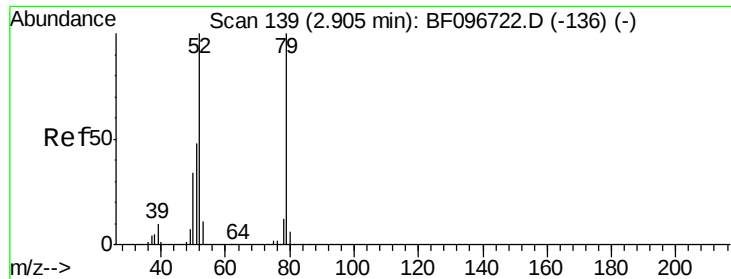
1,4-Dioxane
Concen: 31.05 ng
RT: 2.29 min Scan# 52
Delta R.T. 0.06 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion: 88 Resp: 110925
Ion Ratio Lower Upper
88 100
58 98.6 61.4 92.0#
43 40.5 23.4 35.0#



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

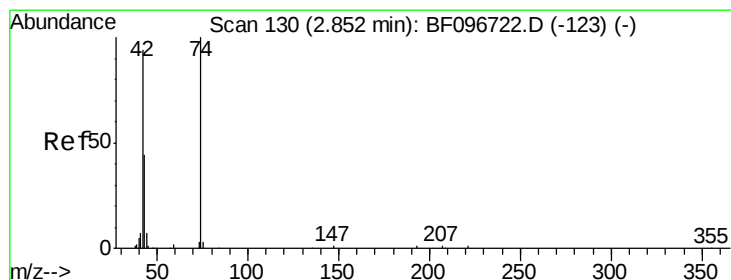
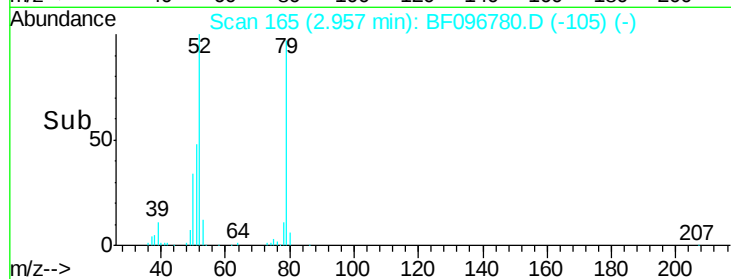
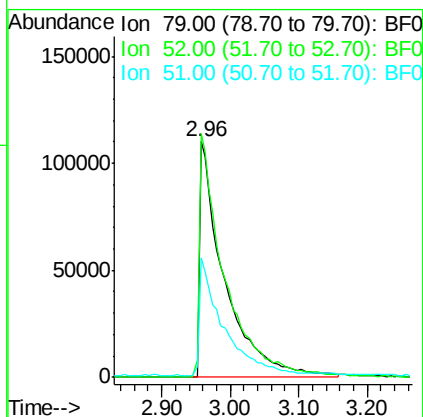
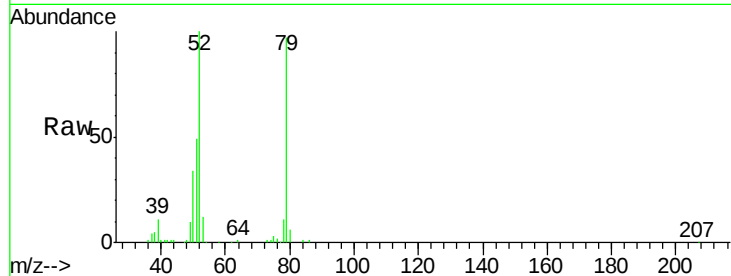




#3
 Pvridine
 Concen: 37.23 ng
 RT: 2.96 min Scan# 165
 Delta R.T. 0.05 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

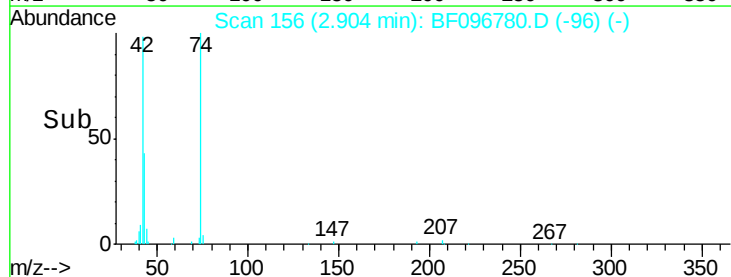
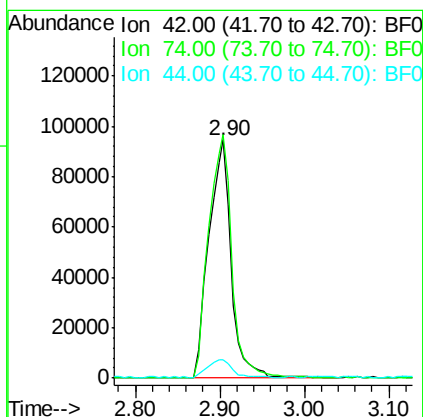
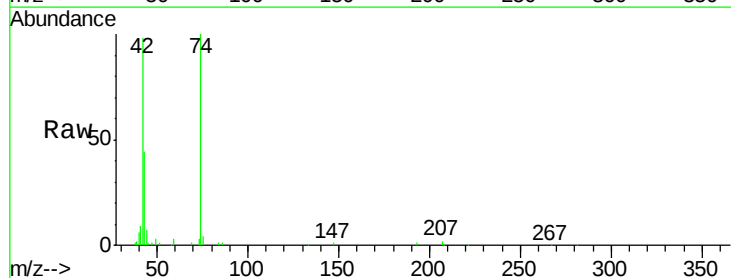
Instrument :
 BNA_F
 ClientSampleId :

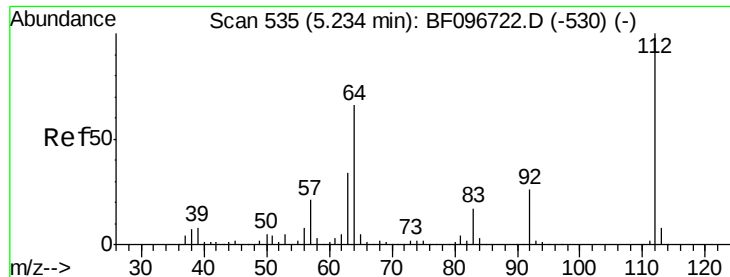
Tot Ion: 79 Resp: 279524
 Ion Ratio Lower Upper
 79 100
 52 103.3 54.8 82.2#
 51 50.7 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 42.22 ng
 RT: 2.90 min Scan# 156
 Delta R.T. 0.05 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion: 42 Resp: 177271
 Ion Ratio Lower Upper
 42 100
 74 102.3 103.9 155.9#
 44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 129.07 ng

RT: 5.24 min Scan# 553

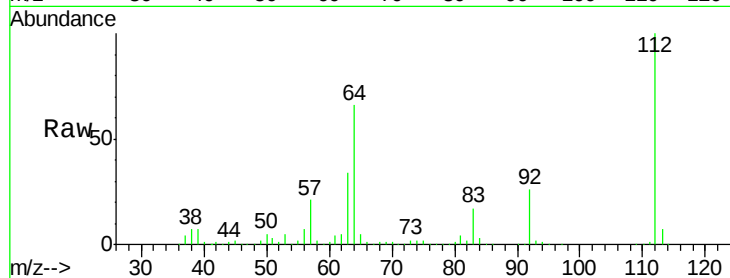
Delta R.T. 0.01 min

Lab File: BF096780.D

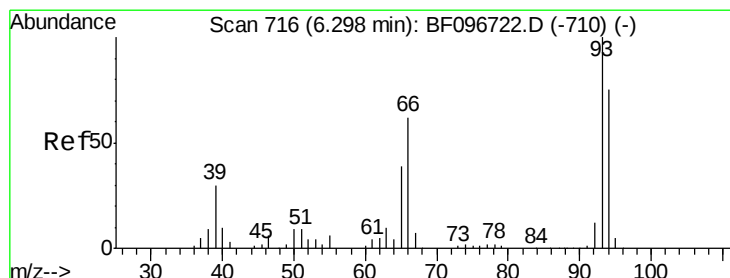
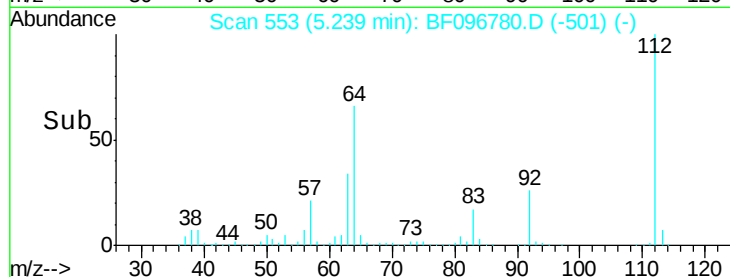
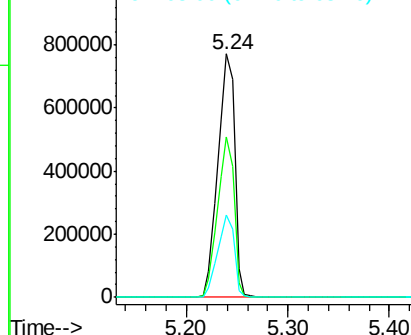
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	896142
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.0	69.0
63	33.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.17 ng

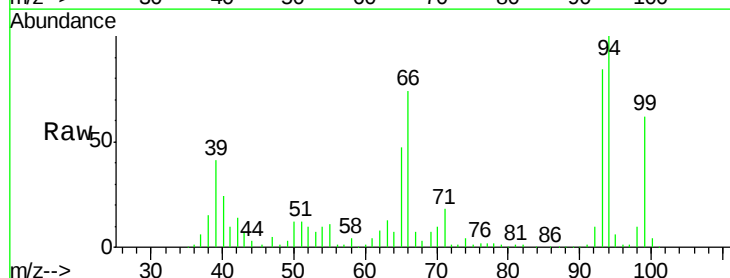
RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

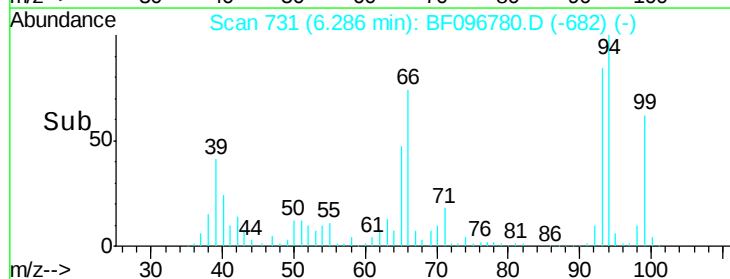
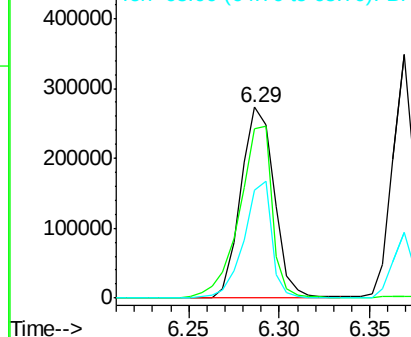
Lab File: BF096780.D

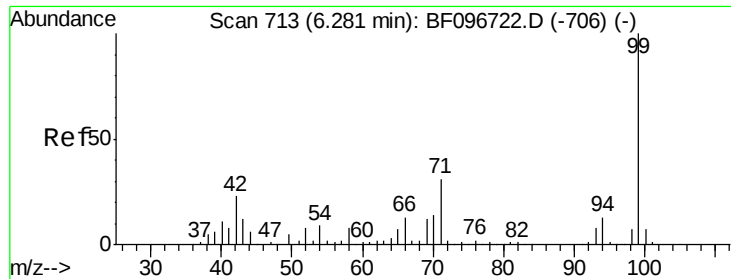
Acq: 14 Jul 2017 19:14

Tgt Ion:	93	Resp:	350647
Ion Ratio	Lower	Upper	
93	100		
66	88.6	32.9	49.3#
65	56.7	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: 114.40 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampled :

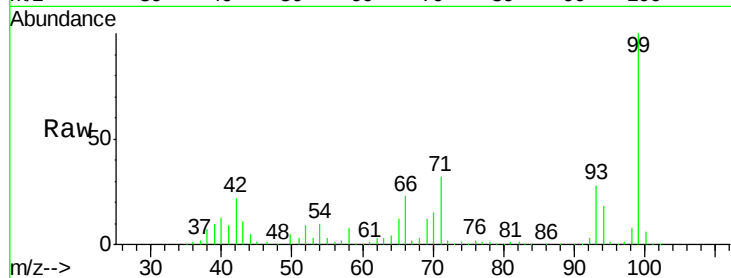
Tot Ion: 99 Resp: 953133

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

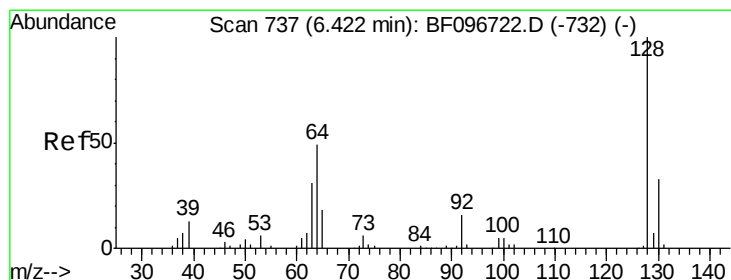
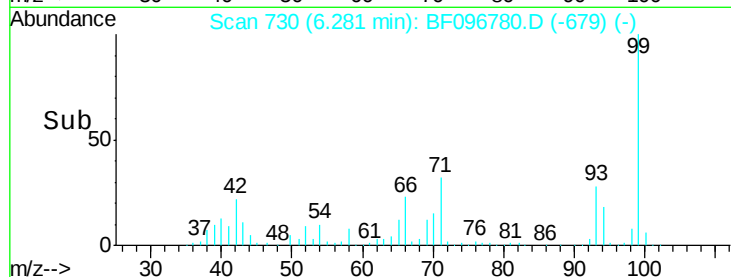
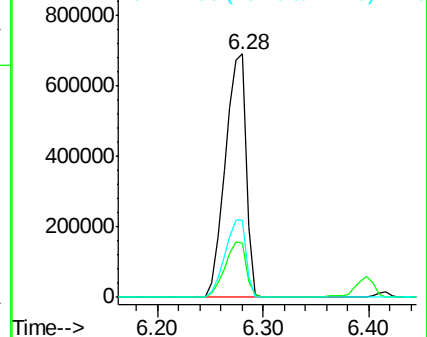
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.32 ng

RT: 6.42 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

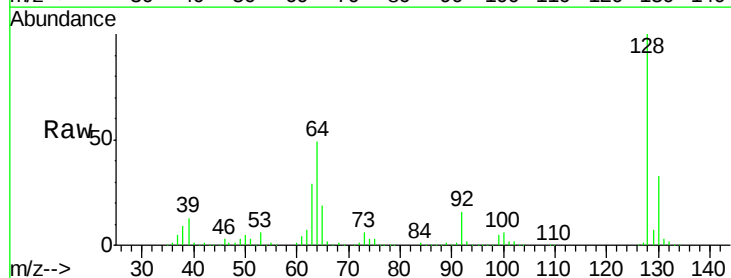
Tgt Ion: 128 Resp: 294501

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

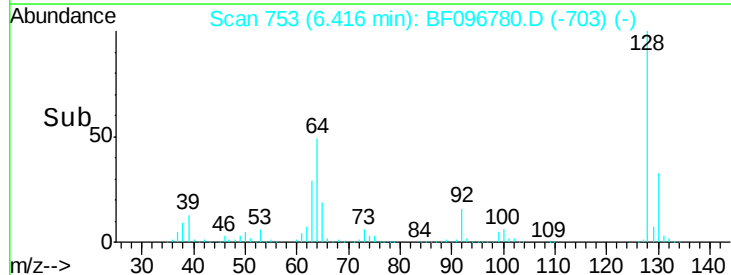
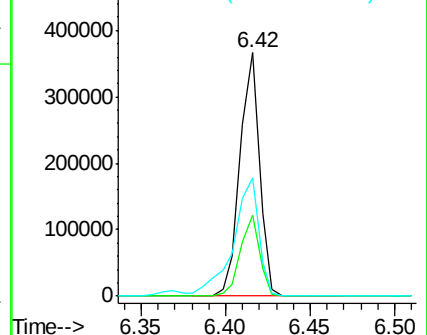
64 48.7 28.4 68.4

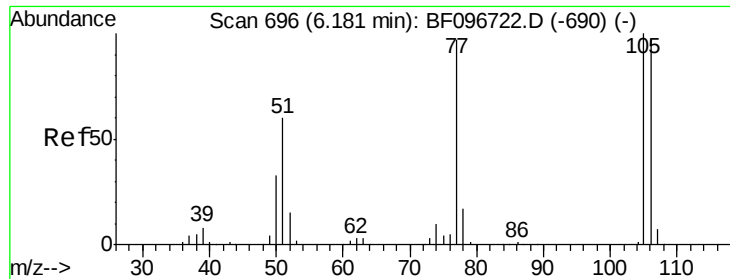


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.77 ng

RT: 6.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

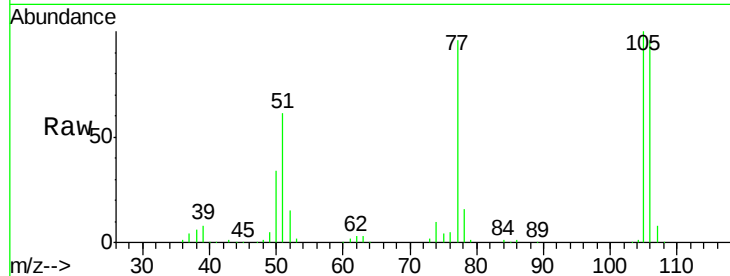
Tot Ion: 77 Resp: 143346

Ion Ratio Lower Upper

77 100

105 103.8 83.8 123.8

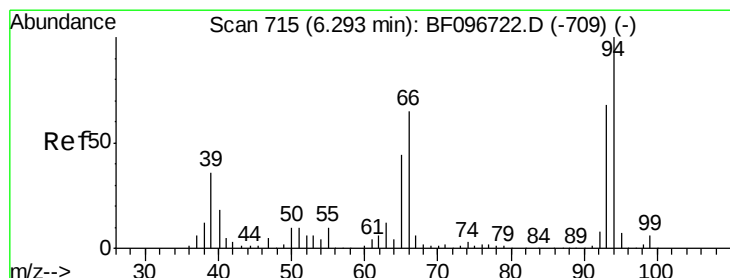
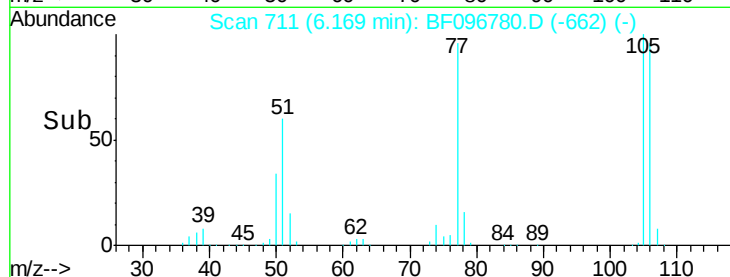
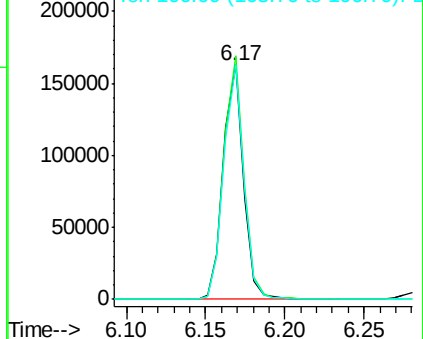
106 99.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.63 ng

RT: 6.29 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

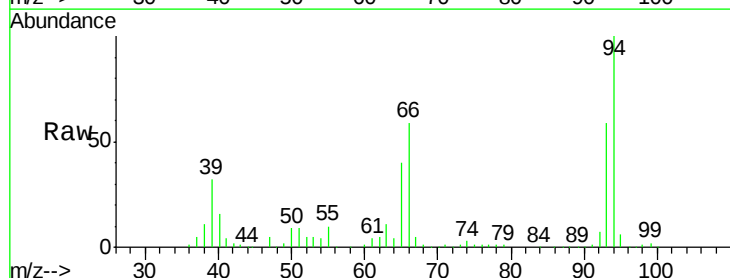
Tgt Ion: 94 Resp: 354435

Ion Ratio Lower Upper

94 100

65 40.1 9.9 49.9

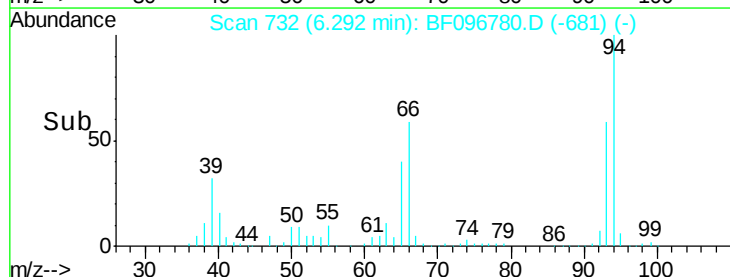
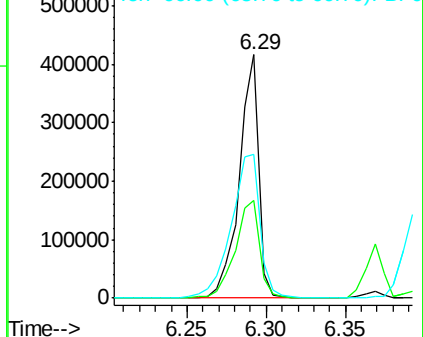
66 59.0 23.1 63.1

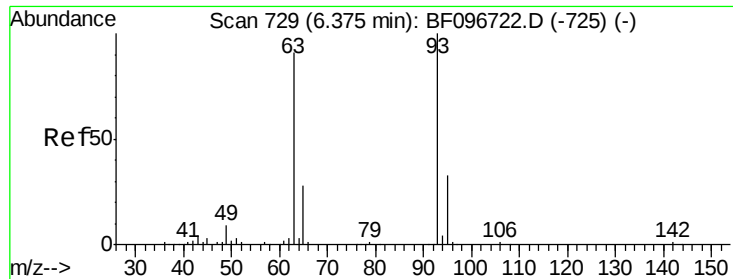


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

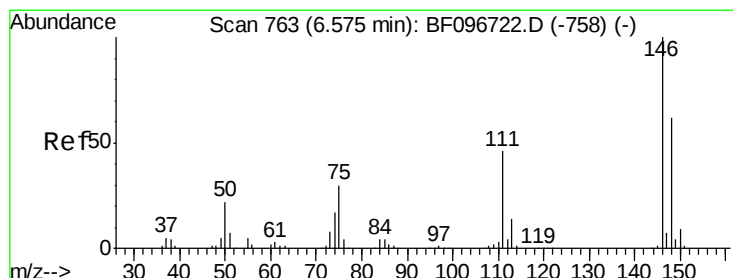
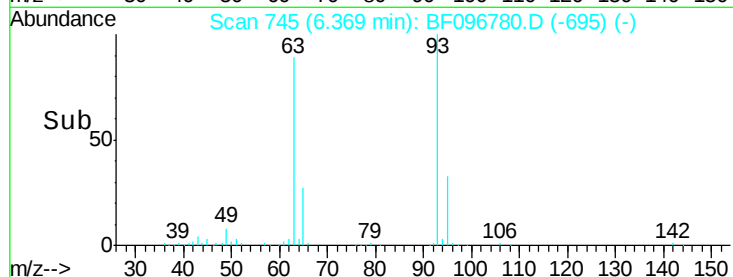
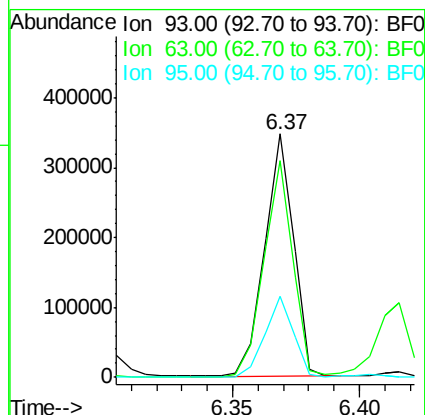
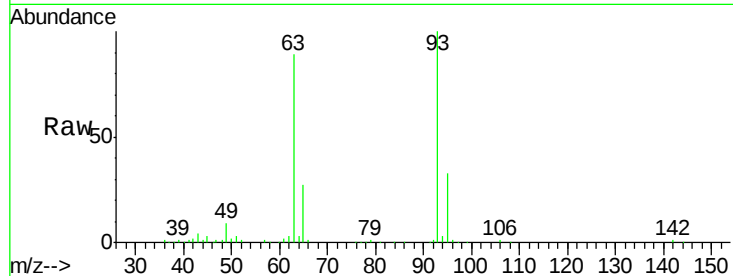




#11
 bis(2-Chloroethyl)ether
 Concen: 39.27 ng
 RT: 6.37 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

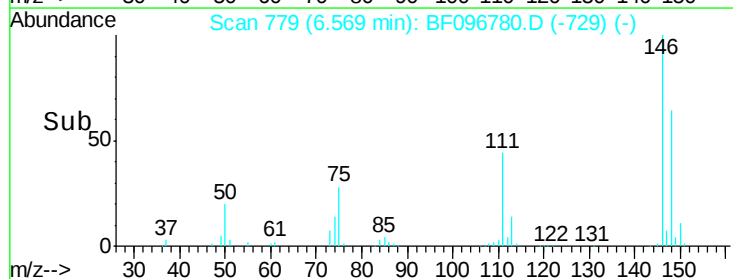
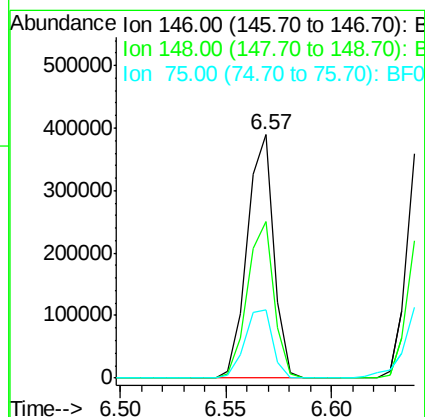
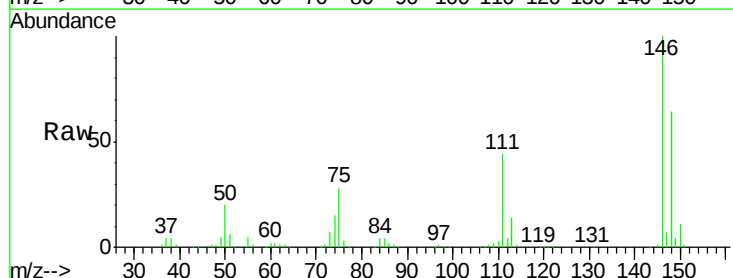
Instrument :
 BNA_F
 ClientSampleId :

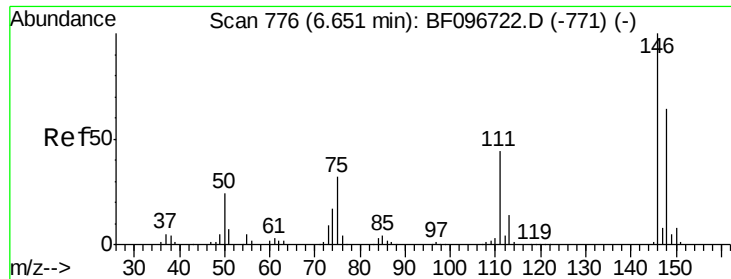
Tot Ion: 93 Resp: 278152
 Ion Ratio Lower Upper
 93 100
 63 88.9 59.2 99.2
 95 33.3 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.58 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion: 146 Resp: 339037
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 75 28.0 23.1 34.7

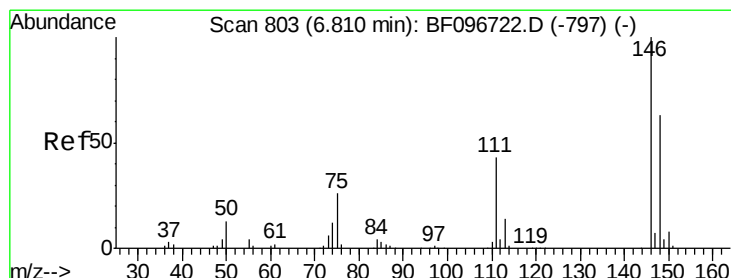
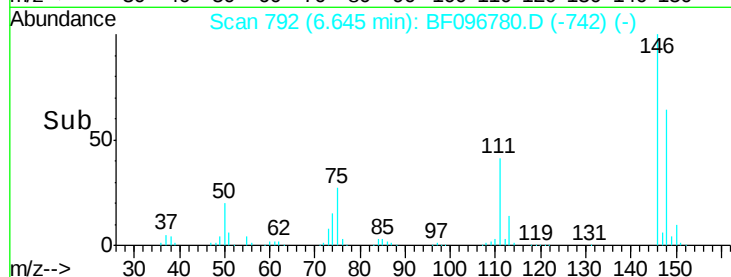
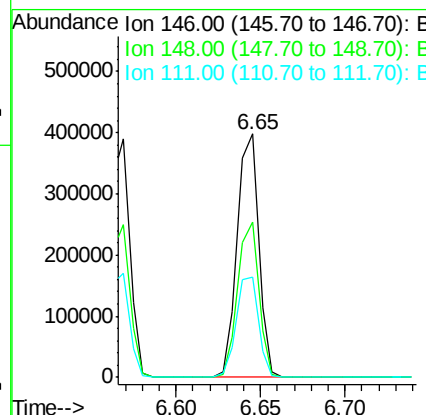
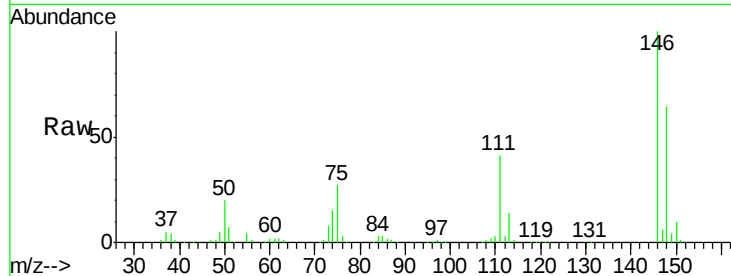




#13
 1,4-Dichlorobenzene
 Concen: 43.76 ng
 RT: 6.65 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

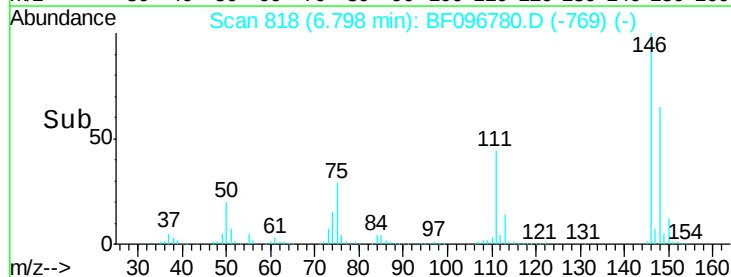
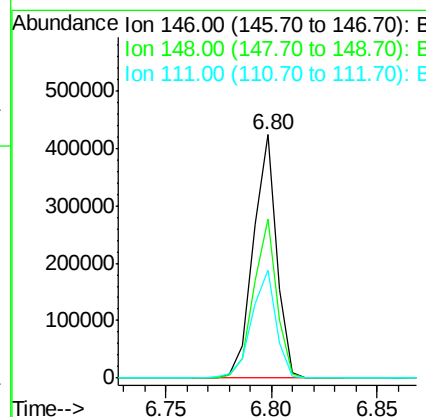
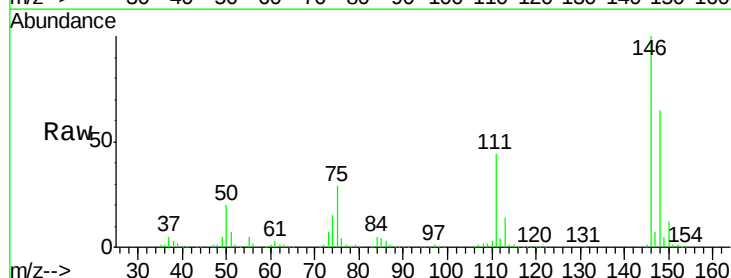
Instrument :
 BNA_F
 ClientSampleId :

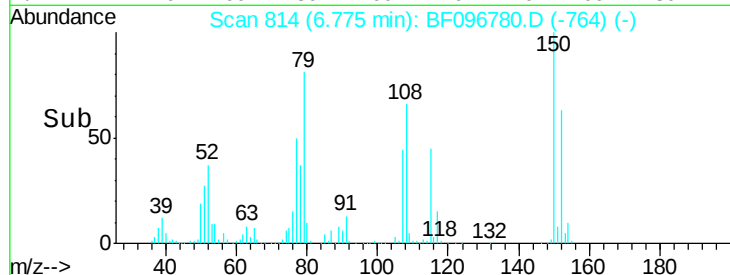
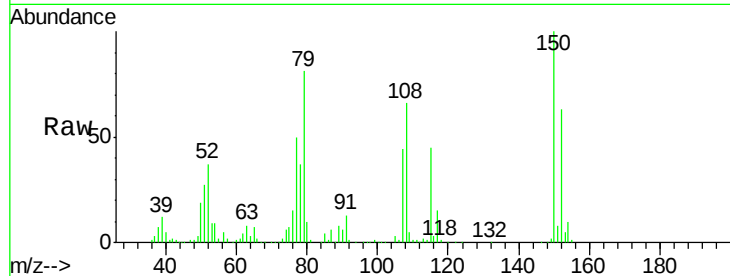
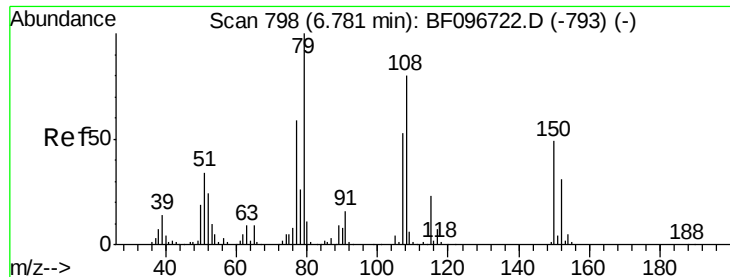
Tot Ion:146 Resp: 352841
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.27 ng
 RT: 6.80 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

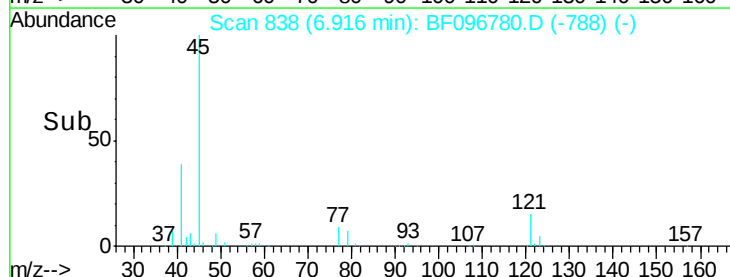
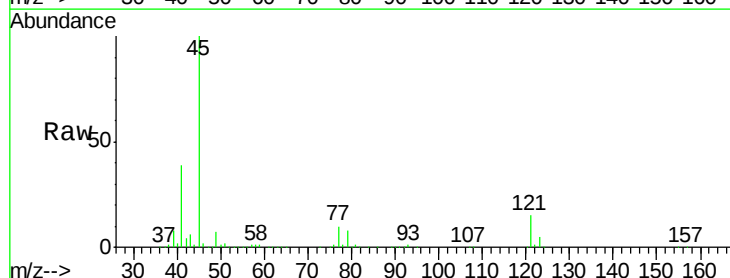
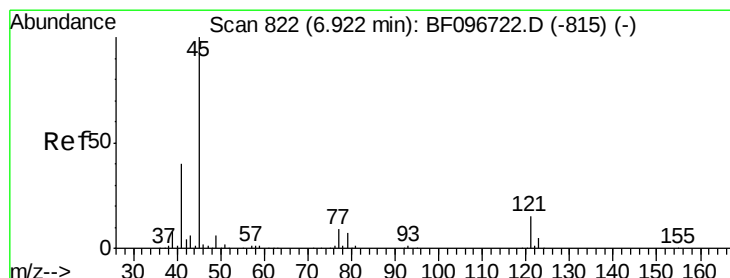
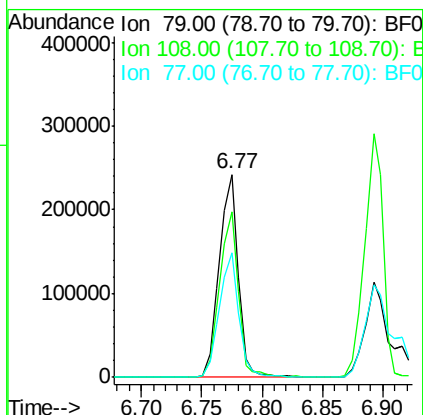
Tgt Ion:146 Resp: 324661
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 44.2 38.2 57.4





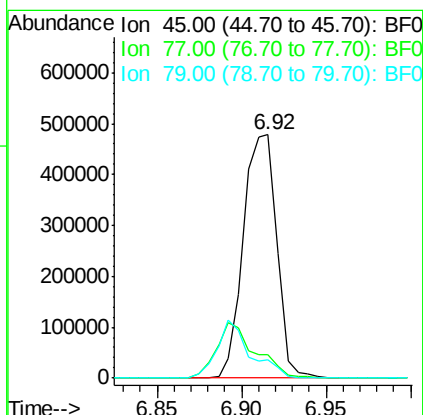
#15
Benzyl Alcohol
Concen: 48.20 ng
RT: 6.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

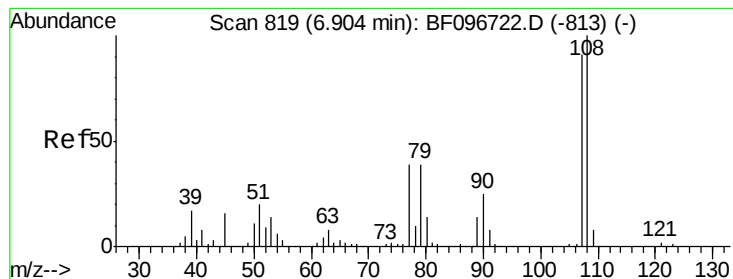
Tot Ion	79	108	77
Resp	262939	81.6	61.7
Lower		63.4	49.2
Upper		95.0	73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.22 ng
RT: 6.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion	45	77	79
Resp	660976	9.9	7.7
Lower		0.0	0.0
Upper		33.2	30.0





#17

2-Methylphenol

Concen: 45.98 ng

RT: 6.89 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 267821

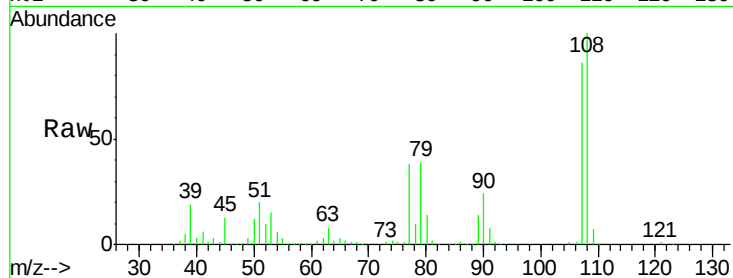
Ion Ratio Lower Upper

107 100

108 116.6 93.4 140.0

77 44.2 35.8 53.6

79 45.8 34.8 52.2

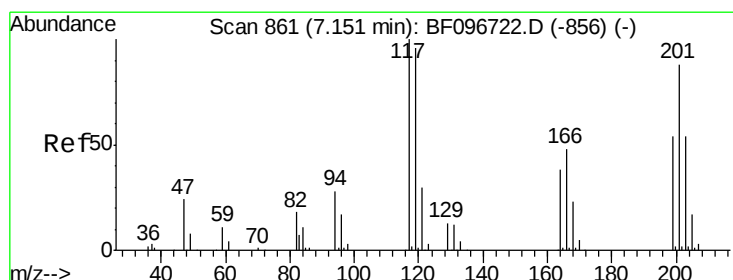
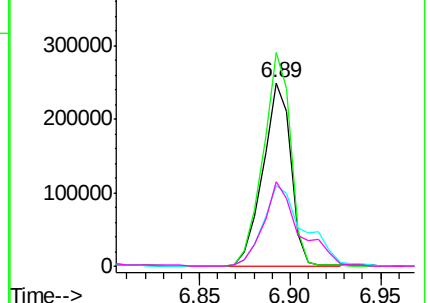
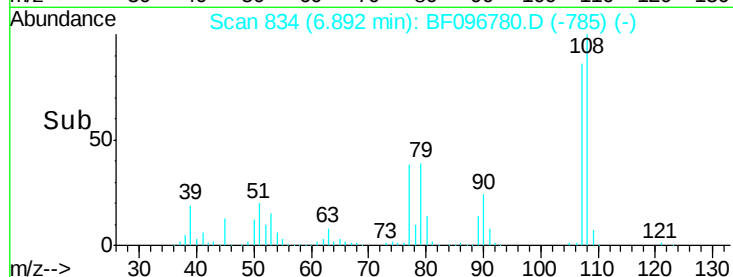


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.73 ng

RT: 7.14 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

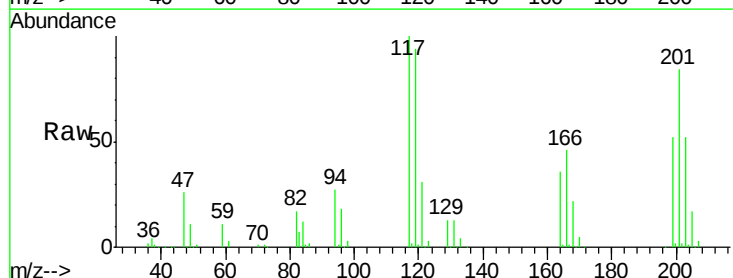
Tgt Ion:117 Resp: 122165

Ion Ratio Lower Upper

117 100

119 94.3 77.4 116.0

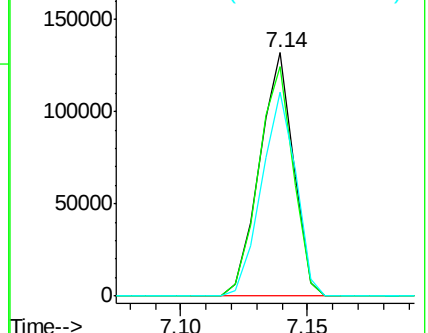
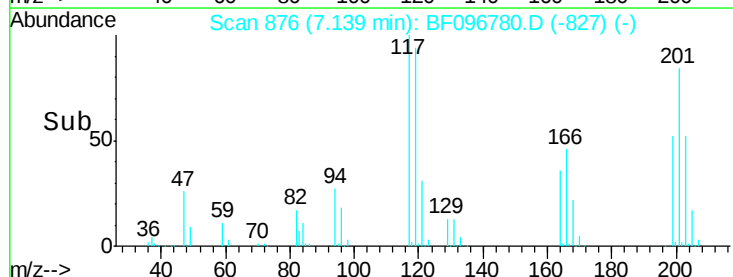
201 83.8 94.6 141.8#

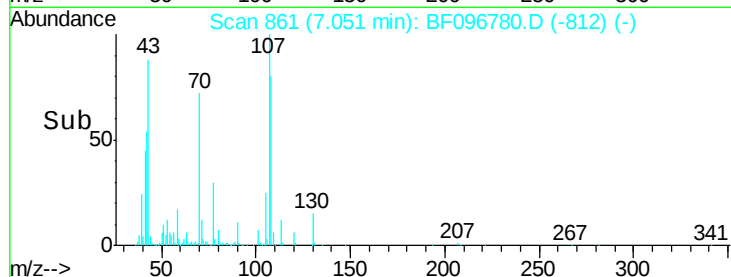
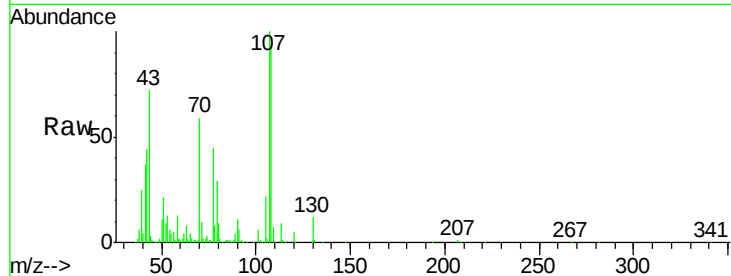
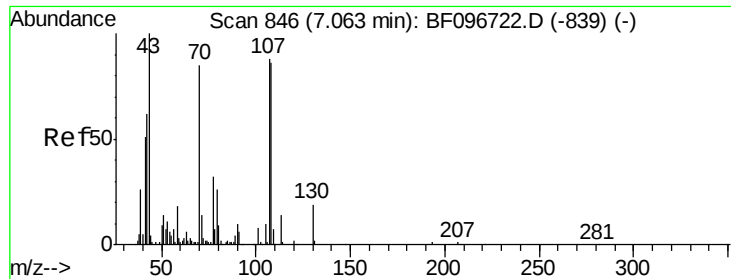


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

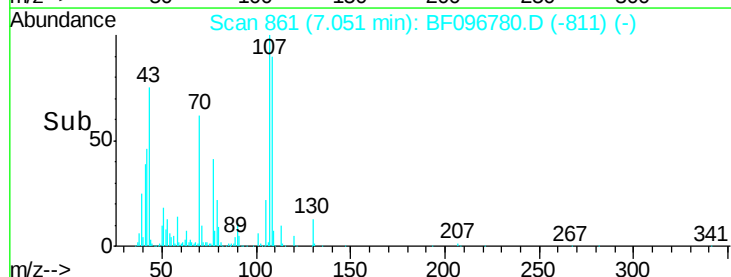
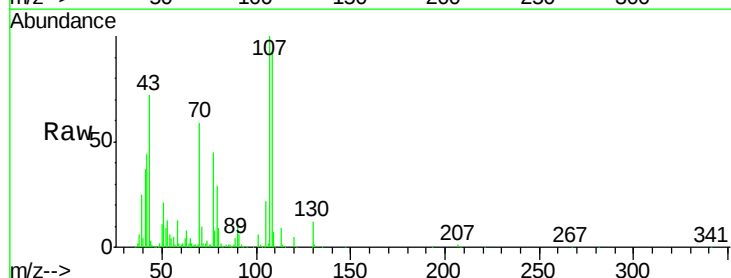
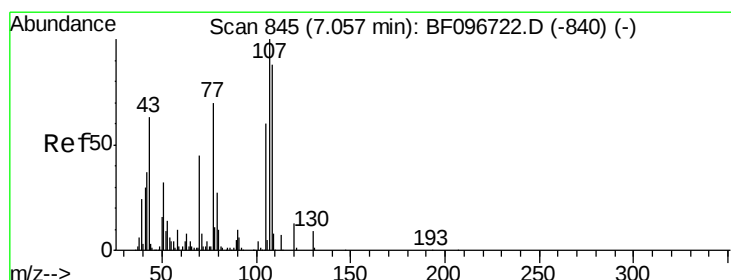
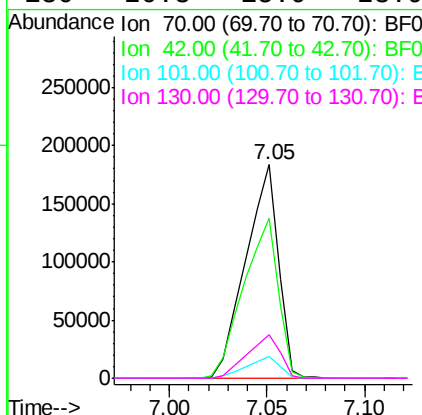




#19
n-Nitroso-di-n-propylamine
Concen: 42.58 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

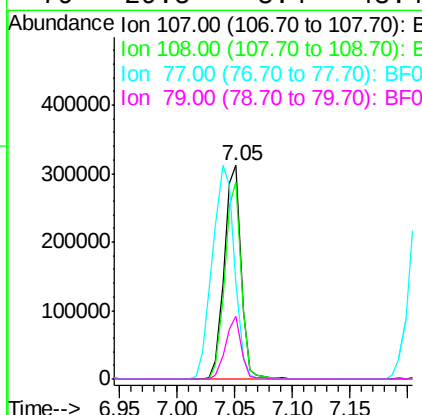
Instrument :
BNA_F
ClientSampled :

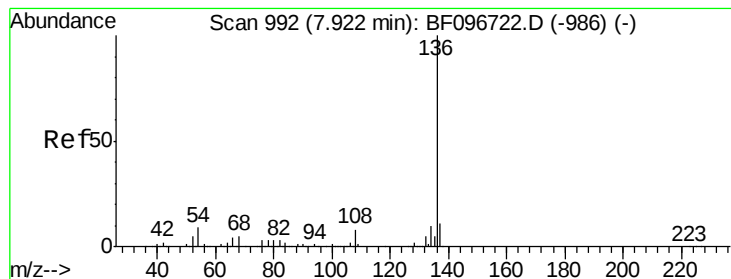
Tot Ion: 70 Resp: 213752
Ion Ratio Lower Upper
70 100
42 75.1 47.2 70.8#
101 10.2 7.2 10.8
130 20.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion: 107 Resp: 316117
Ion Ratio Lower Upper
107 100
108 92.0 71.0 111.0
77 45.0 90.5 130.5#
79 29.5 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: BF096780.D

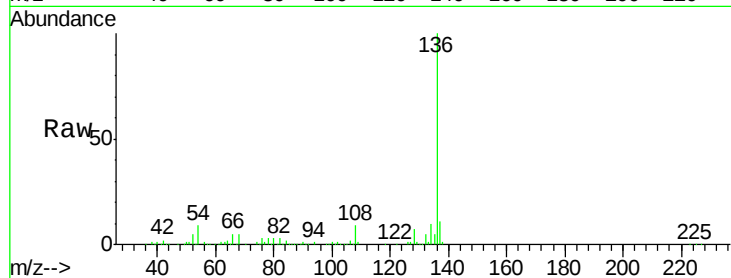
Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	418347
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	9.1	4.9 7.3#
68	4.9	4.1 6.1

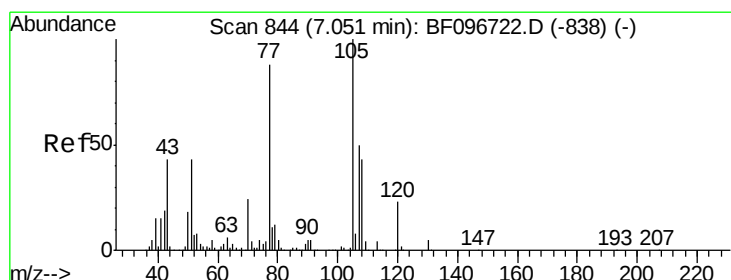
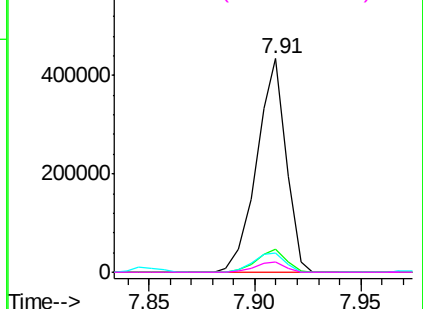
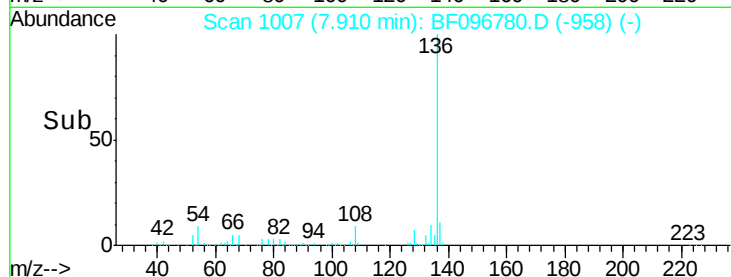


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.35 ng

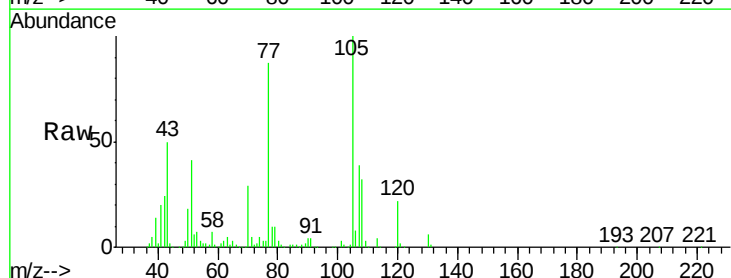
RT: 7.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Tgt Ion:105	Resp:	433413
Ion Ratio	Lower	Upper
105	100	
71	4.8	2.8 4.2#
51	41.5	30.7 46.1
120	21.9	17.4 26.0

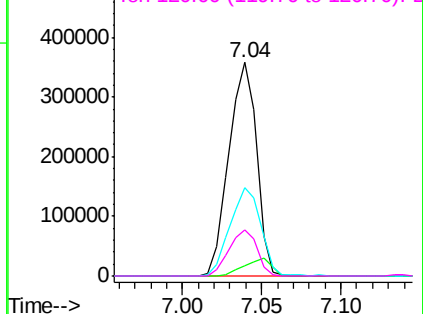
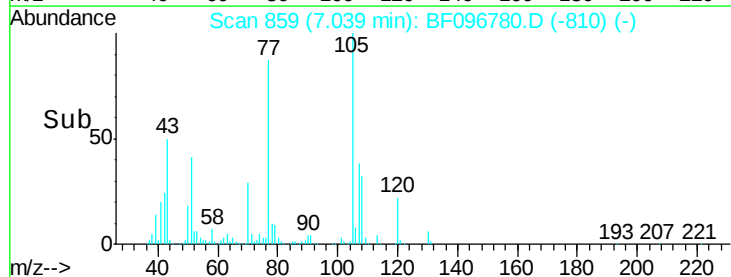


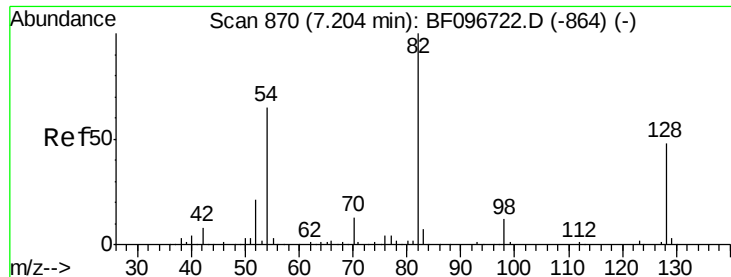
Abundance Ion 105.00 (104.70 to 105.70): E

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

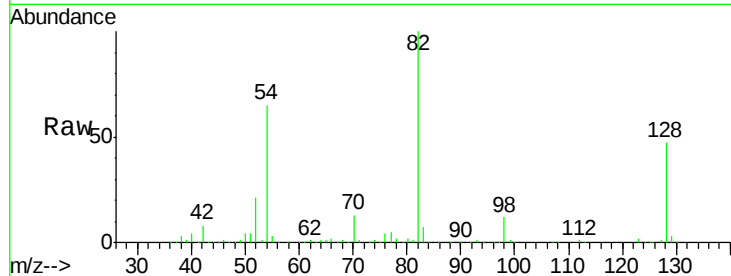




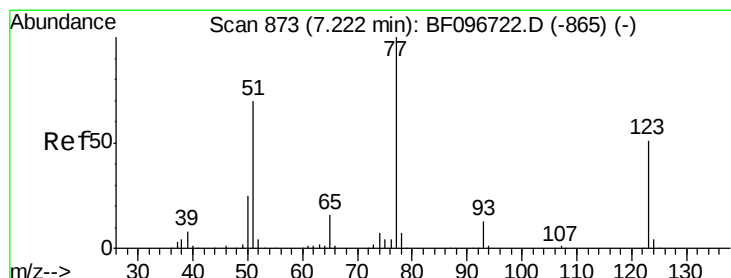
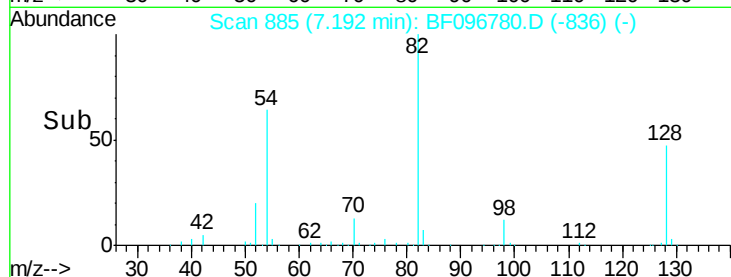
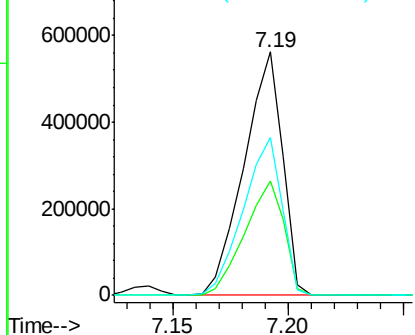
#23
Nitrobenzene-d5
Concen: 96.84 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 654081
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 64.8 42.2 63.2#

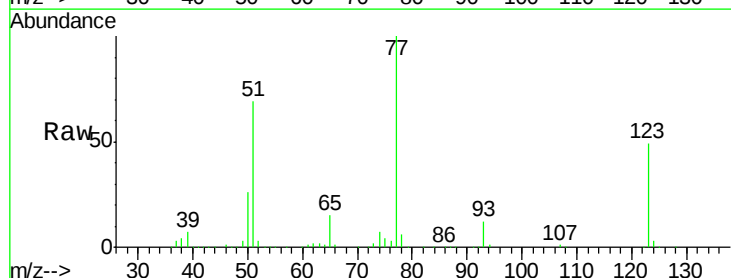


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

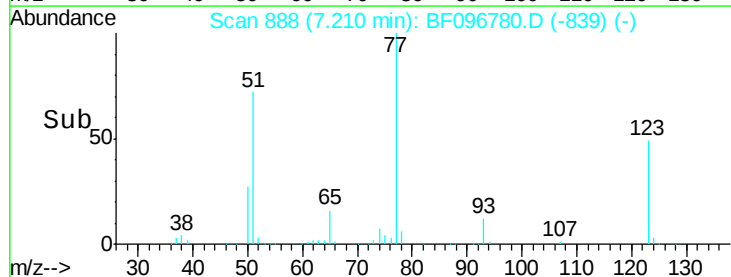
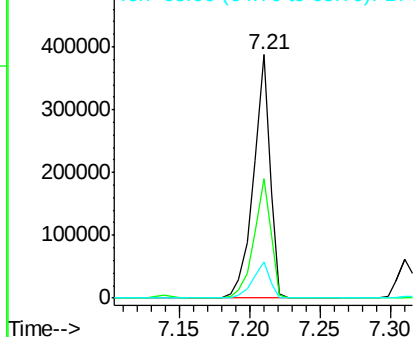


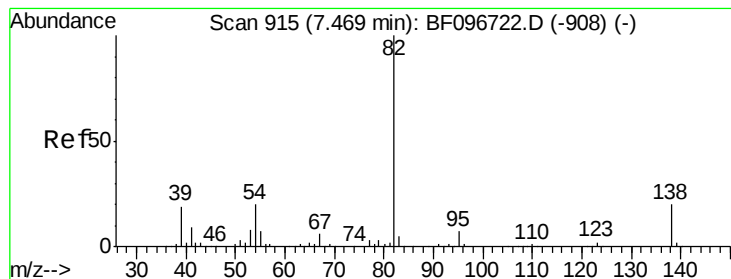
#24
Nitrobenzene
Concen: 45.81 ng
RT: 7.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion: 77 Resp: 319991
Ion Ratio Lower Upper
77 100
123 49.0 35.8 53.8
65 14.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.79 ng

RT: 7.46 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

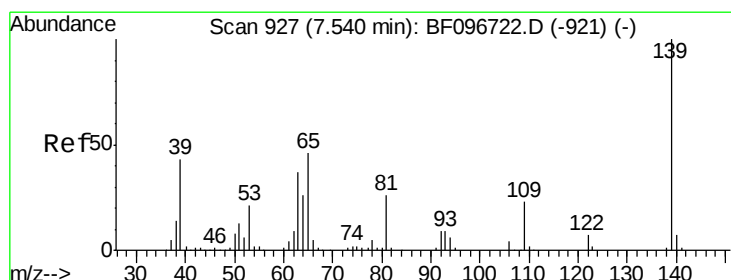
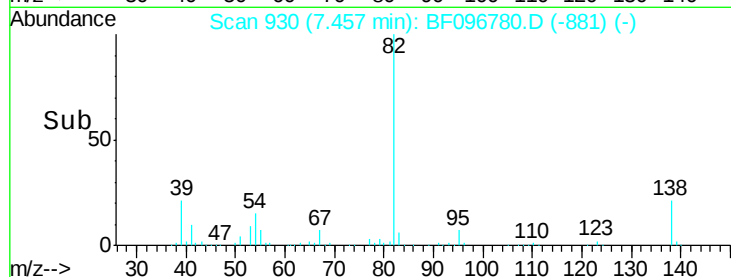
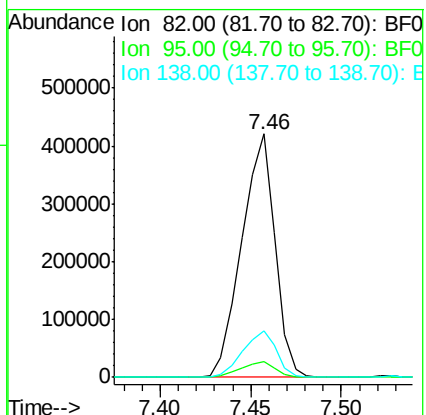
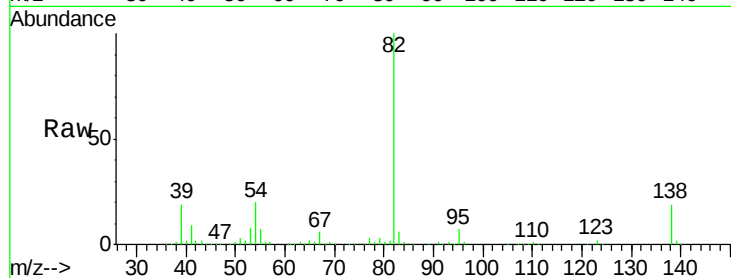
Tot Ion: 82 Resp: 537609

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 48.05 ng

RT: 7.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

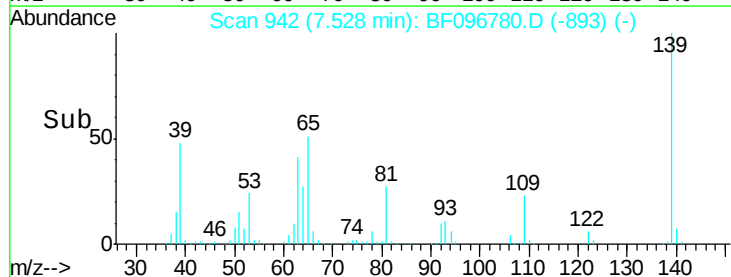
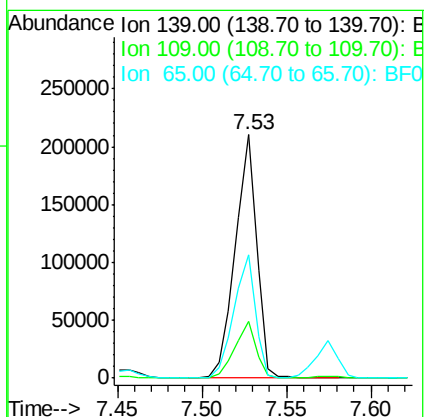
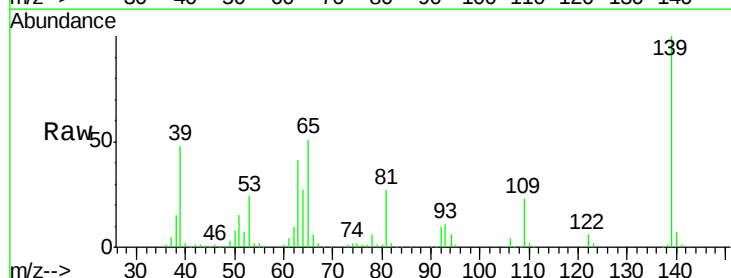
Tgt Ion: 139 Resp: 186647

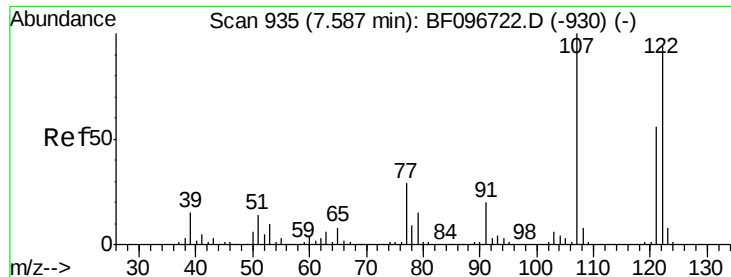
Ion Ratio Lower Upper

139 100

109 23.3 21.0 31.6

65 50.8 33.0 49.6#

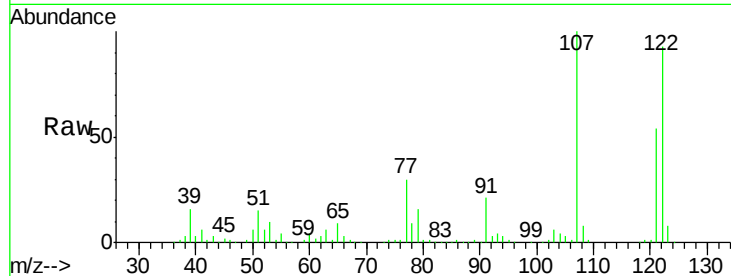




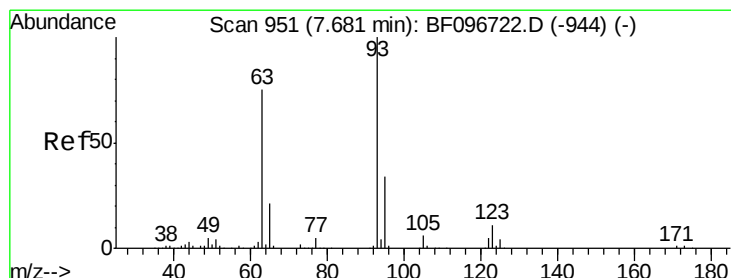
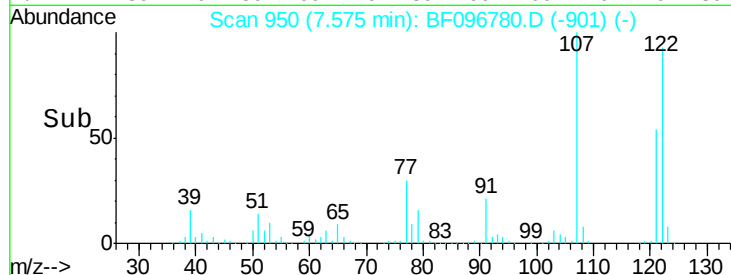
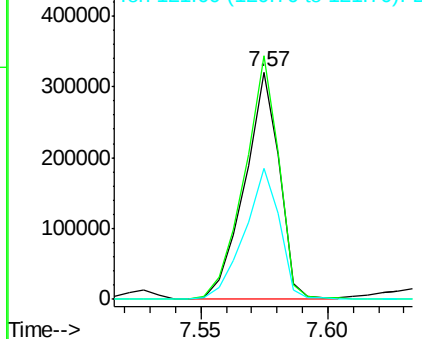
#27
 2,4-Dimethylphenol
 Concen: 48.00 ng
 RT: 7.57 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 306693
 Ion Ratio Lower Upper
 122 100
 107 107.2 89.2 133.8
 121 57.8 45.2 67.8

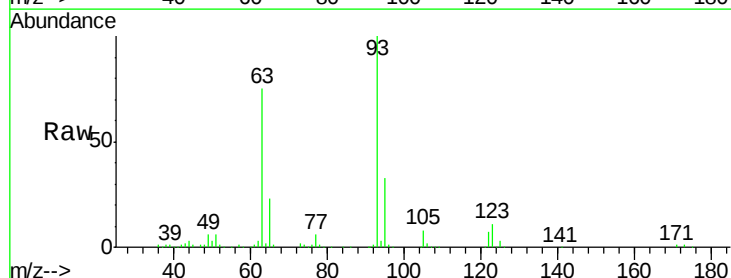


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

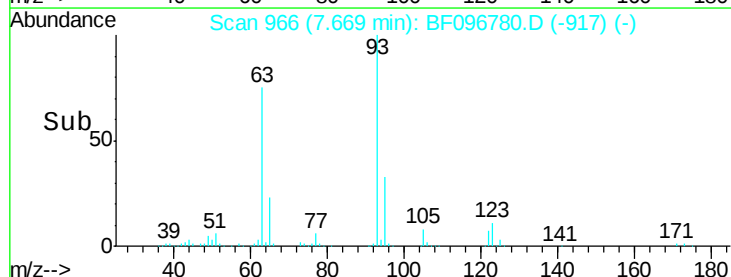
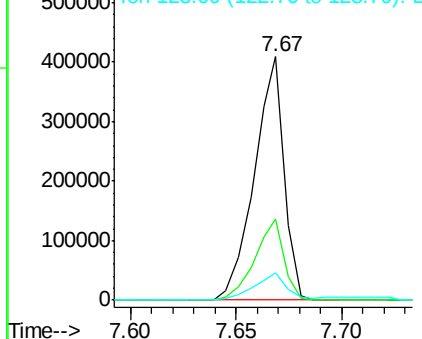


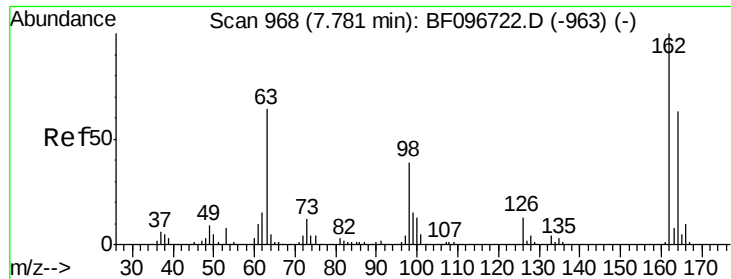
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.96 ng
 RT: 7.67 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion: 93 Resp: 398724
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.5 39.7
 123 11.0 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

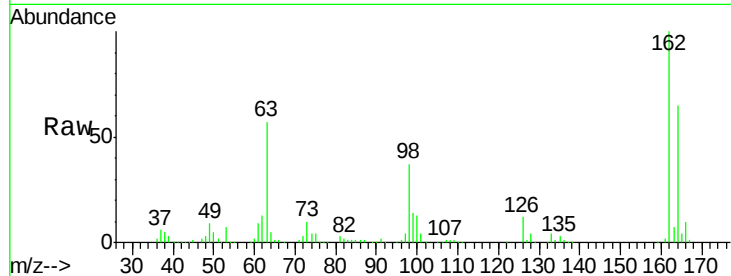




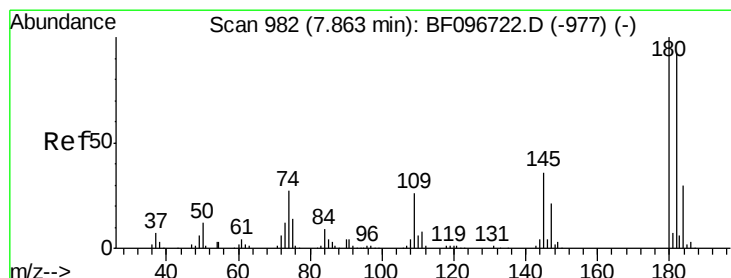
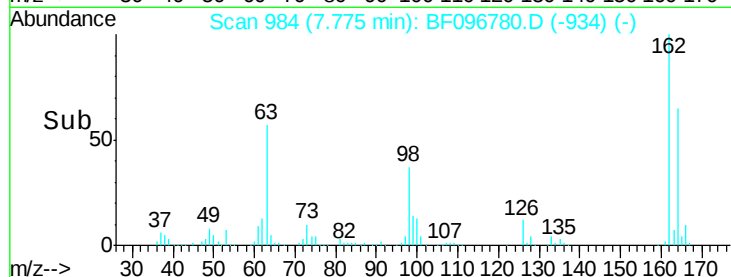
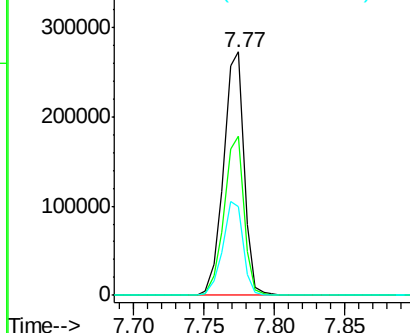
#29
 2,4-Dichlorophenol
 Concen: 47.72 ng
 RT: 7.77 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	36.5	14.8	54.8

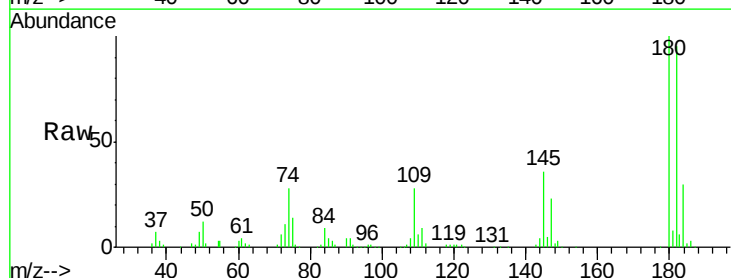


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

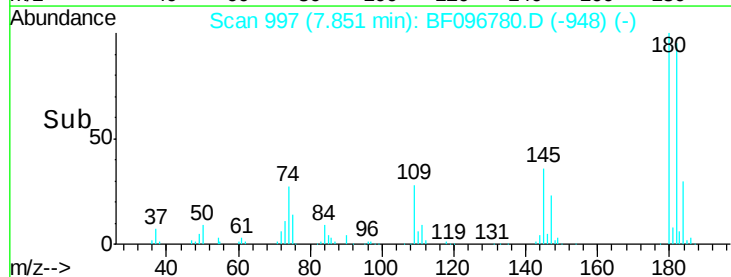
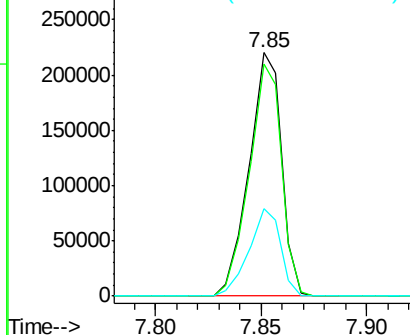


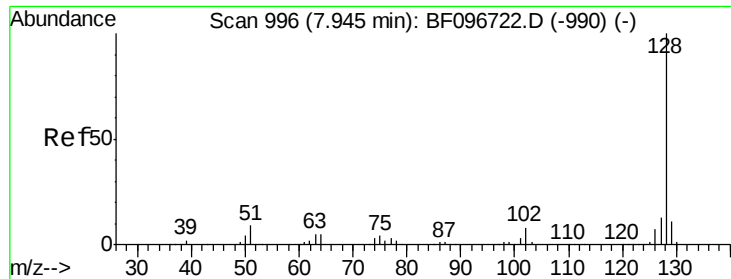
#30
 1,2,4-Trichlorobenzene
 Concen: 42.87 ng
 RT: 7.85 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	36.0	25.3	37.9



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

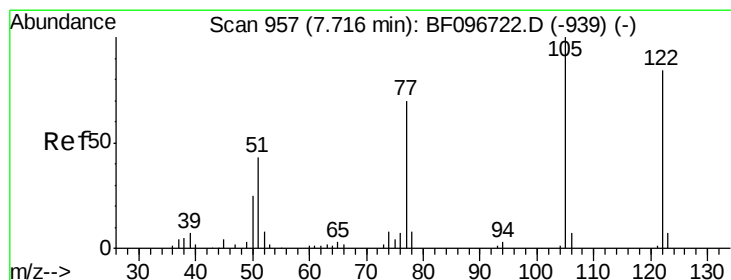
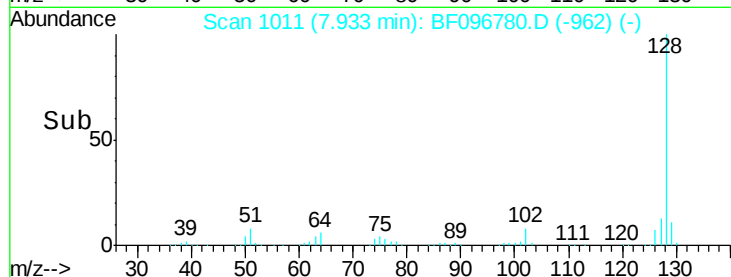
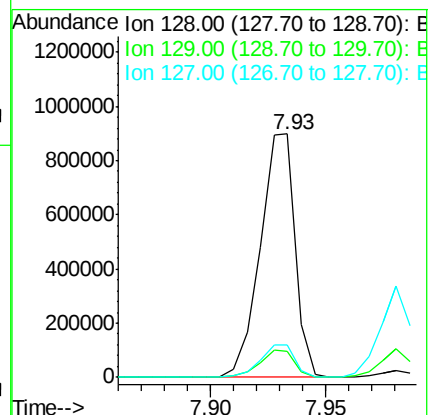
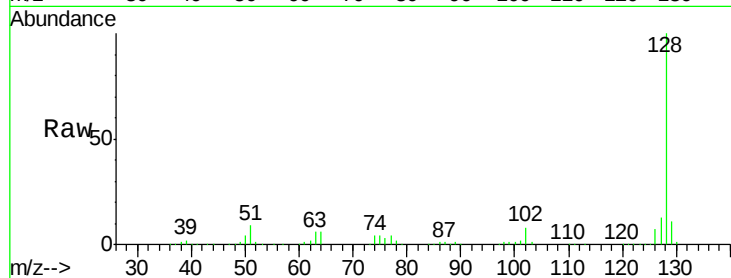




#31
Naphthalene
Concen: 47.69 ng
RT: 7.93 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

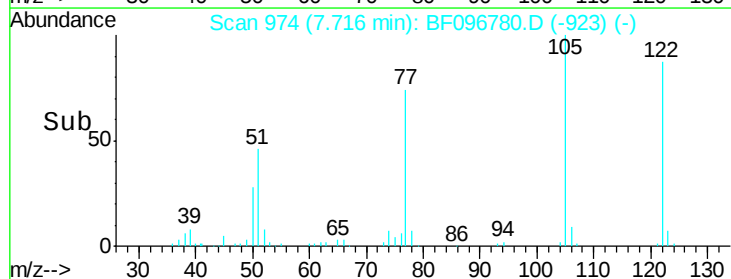
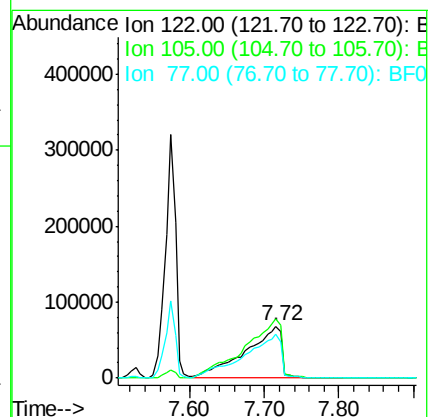
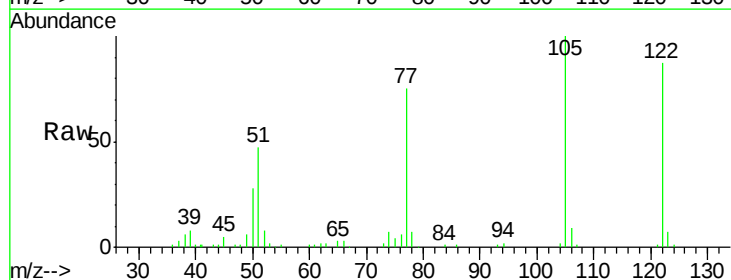
Instrument :
BNA_F
ClientSampled :

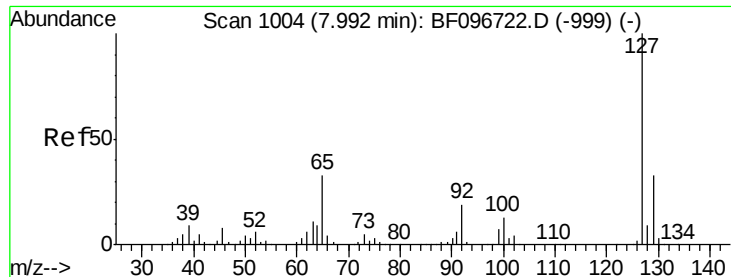
Tot Ion:128 Resp: 945102
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 56.74 ng
RT: 7.72 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:122 Resp: 231713
Ion Ratio Lower Upper
122 100
105 115.4 103.3 143.3
77 86.1 73.7 113.7

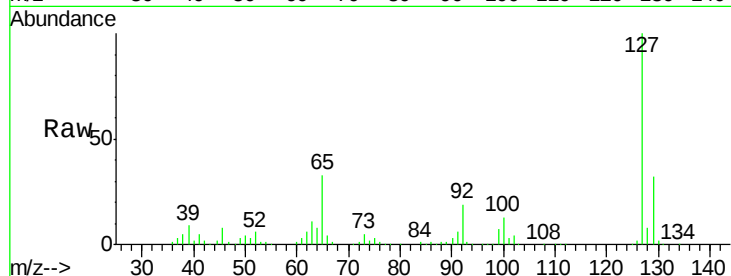




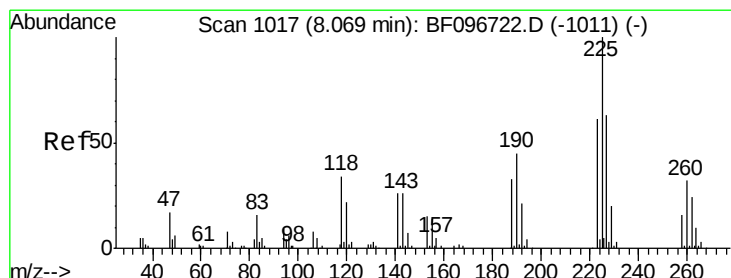
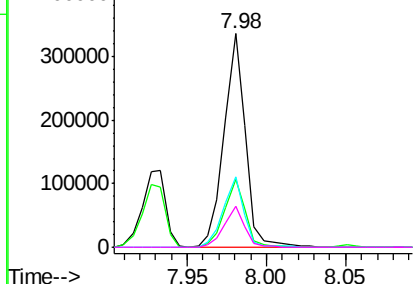
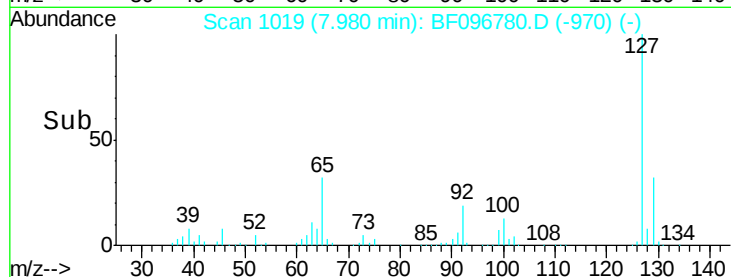
#33
4-Chloroaniline
Concen: 39.95 ng
RT: 7.98 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	313690
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	33.0	27.8	41.8
92	19.1	16.8	25.2

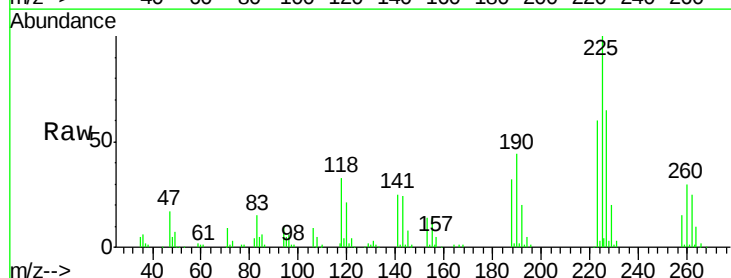


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

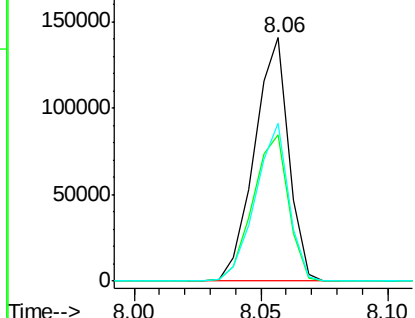
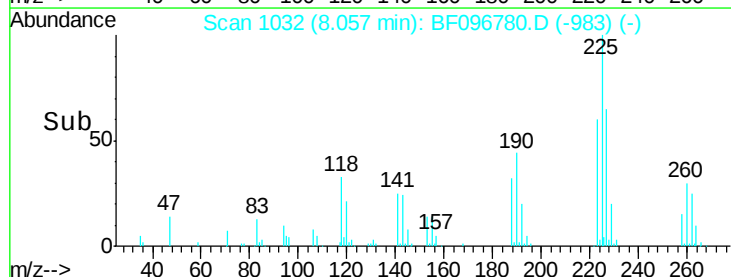


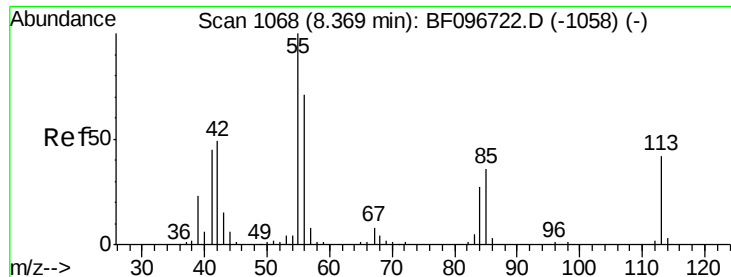
#34
Hexachlorobutadiene
Concen: 45.08 ng
RT: 8.06 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:	225	Resp:	132343
Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.8	73.2
227	65.0	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

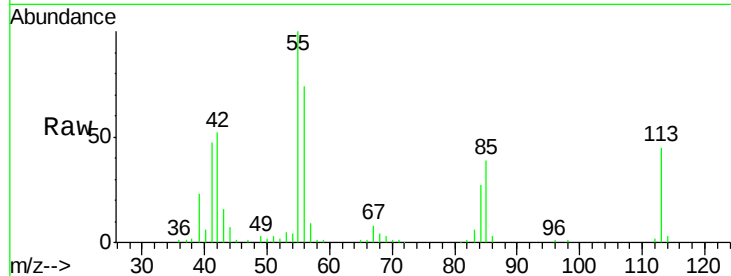




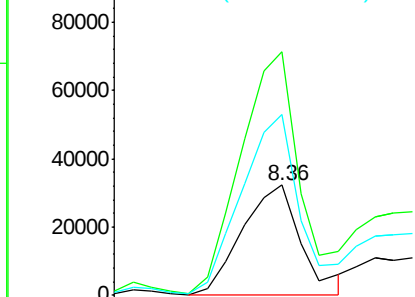
#35
 Caprolactam
 Concen: 22.72 ng
 RT: 8.36 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

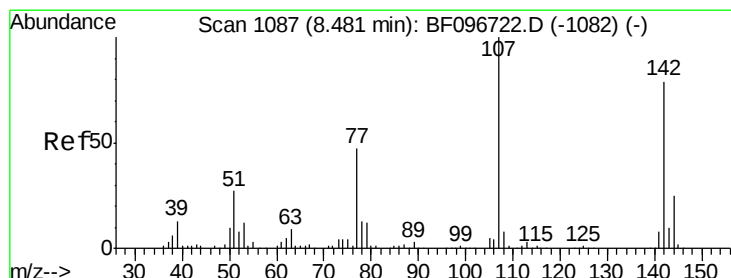
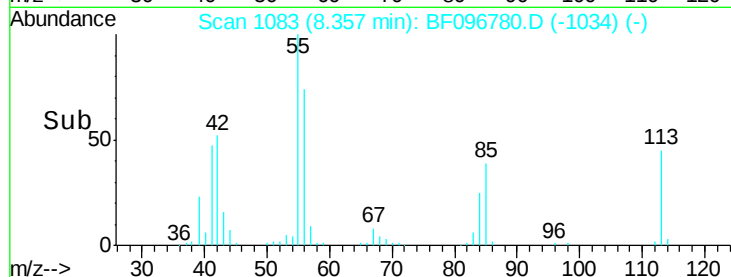
Tot Ion:113 Resp: 42115
 Ion Ratio Lower Upper
 113 100
 55 221.5 150.2 190.2#
 56 164.8 107.8 147.8#



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

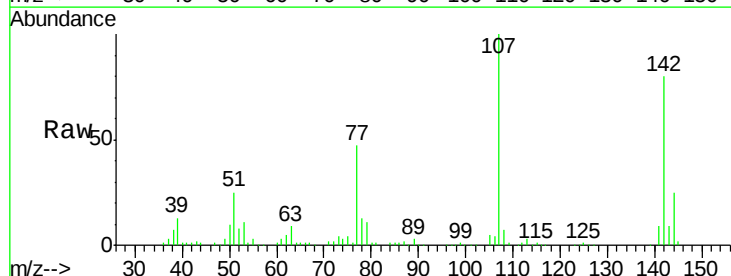


Time-->

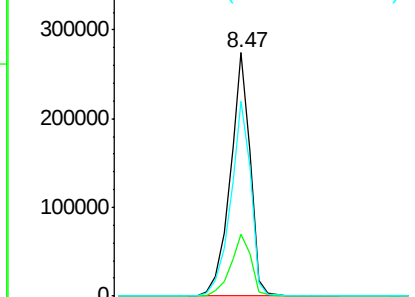


#36
 4-Chloro-3-methylphenol
 Concen: 41.43 ng
 RT: 8.47 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

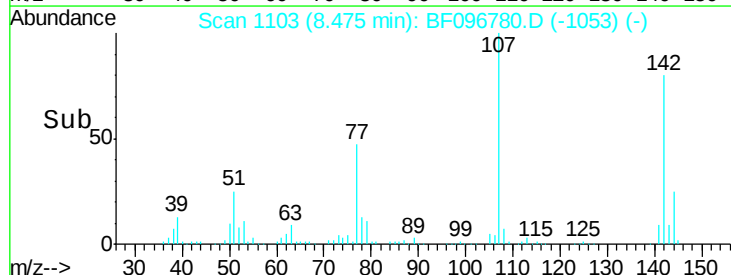
Tgt Ion:107 Resp: 257670
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 80.3 73.4 110.0

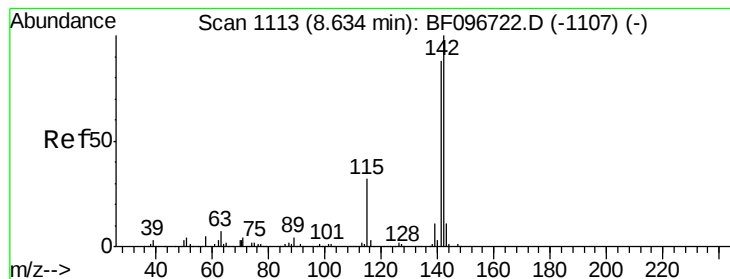


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->

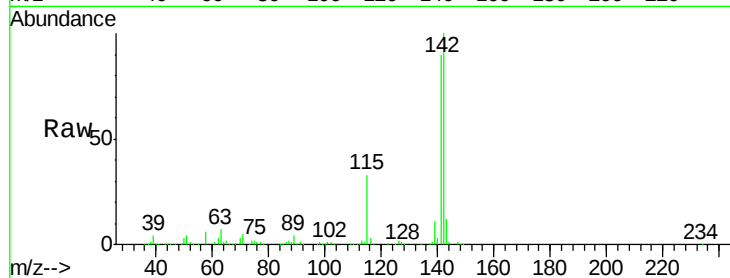




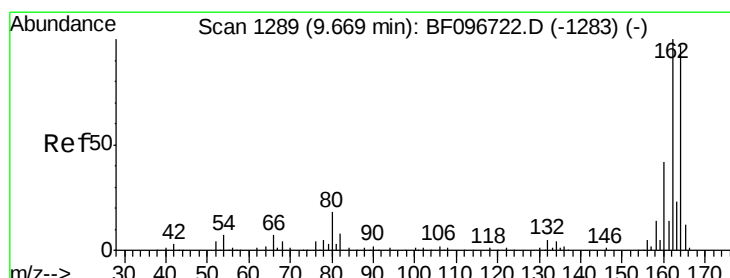
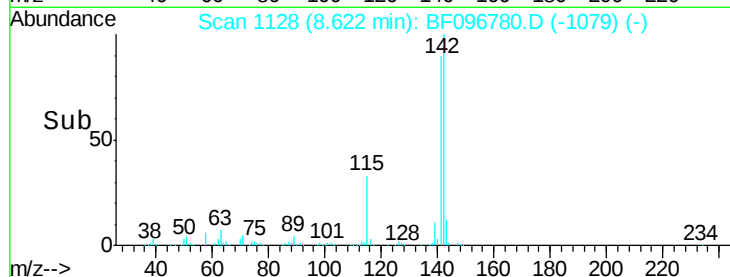
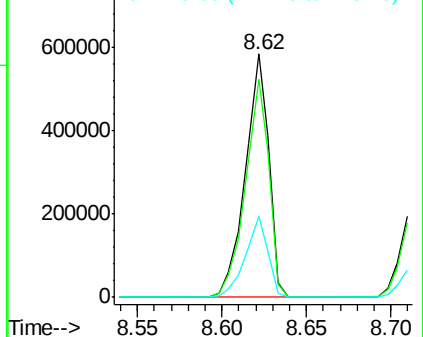
#37
 2-Methylnaphthalene
 Concen: 44.87 ng
 RT: 8.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	33.2	27.1	40.7

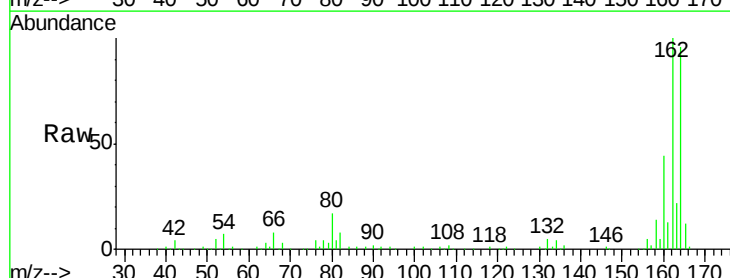


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

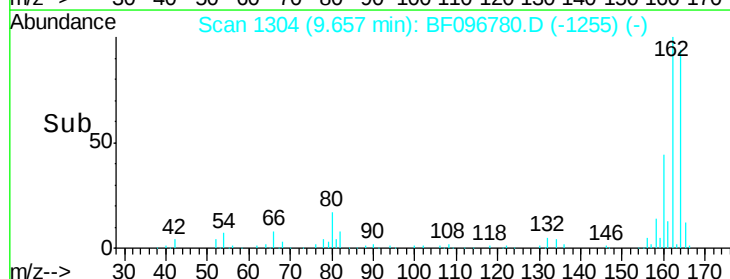
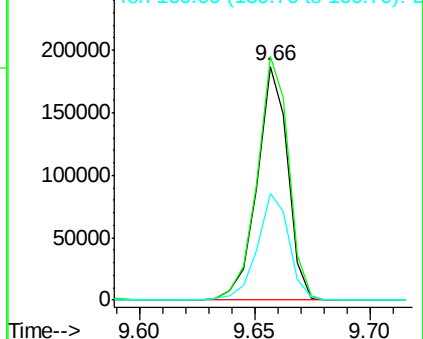


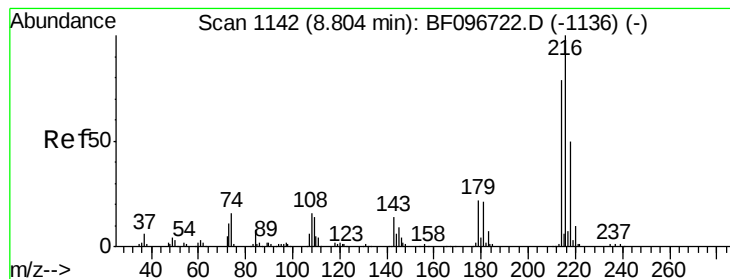
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	45.6	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.05 ng

RT: 8.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 196782

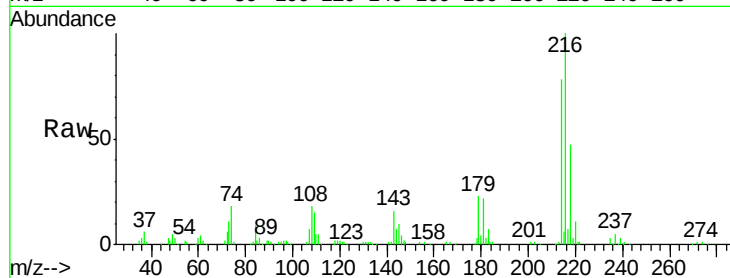
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 23.2 17.9 26.9

108 22.2 16.5 24.7

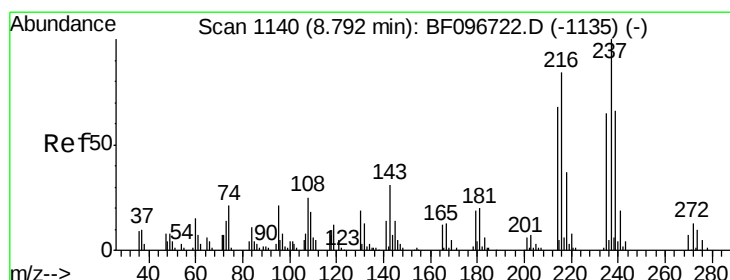
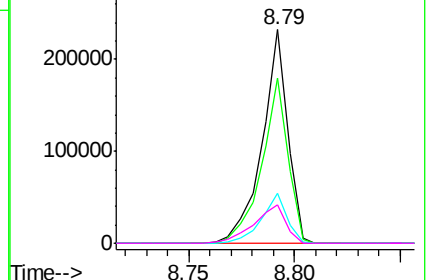
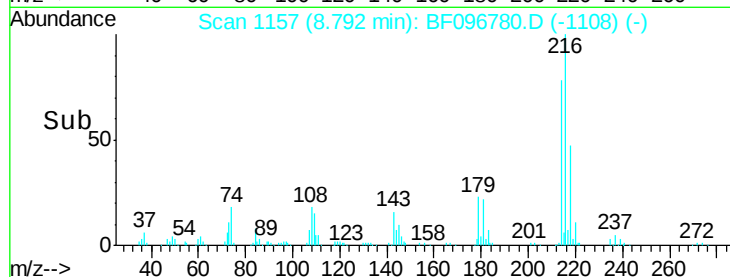


Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.29 ng

RT: 8.78 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

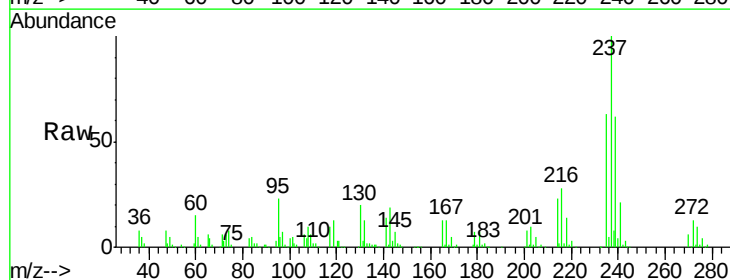
Tgt Ion:237 Resp: 184509

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

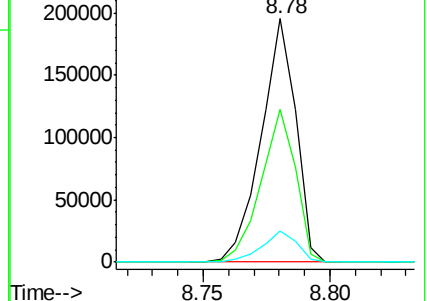
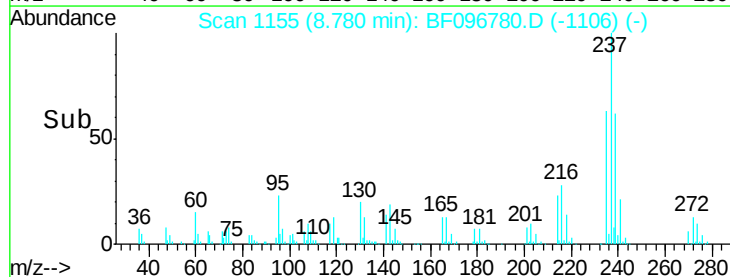
272 12.6 0.0 31.9

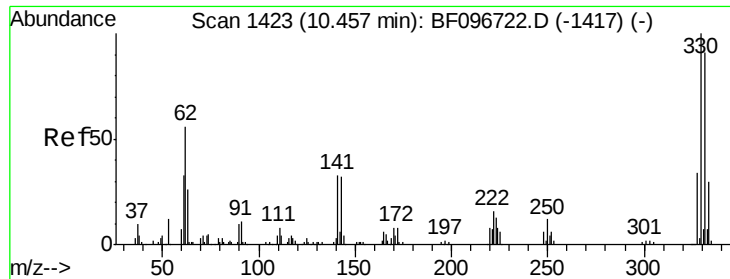


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

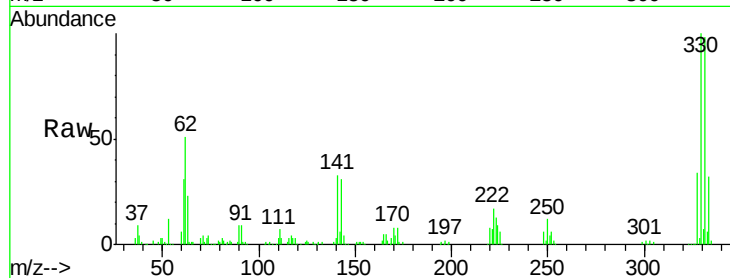




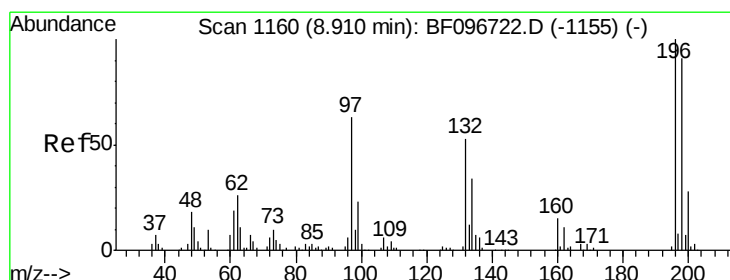
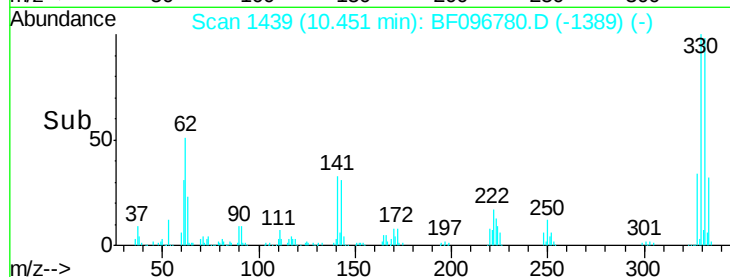
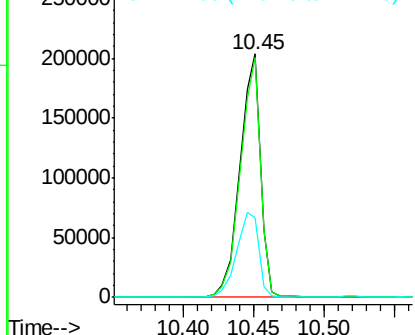
#41
 2,4,6-Tribromophenol
 Concen: 140.20 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	37.5	31.4	47.2

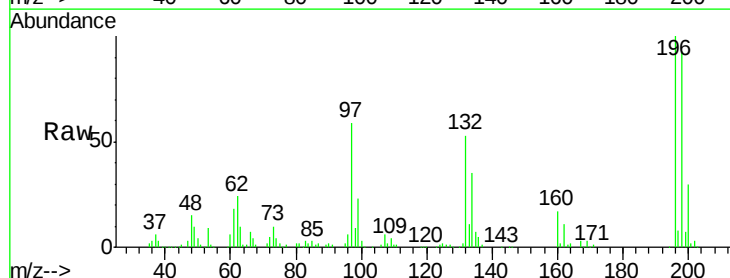


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

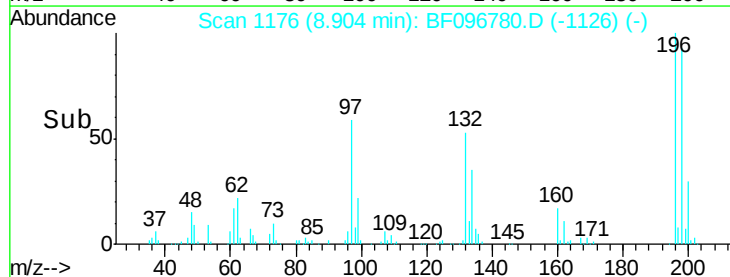
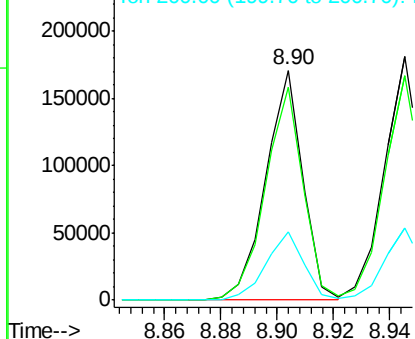


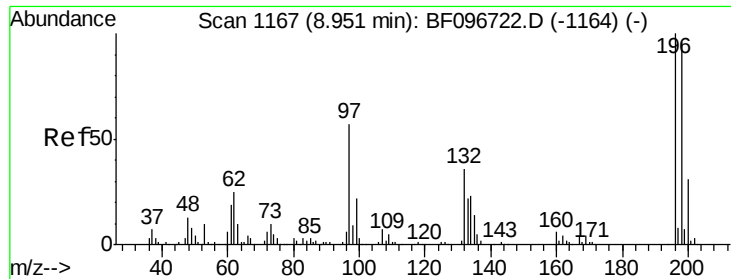
#42
 2,4,6-Trichlorophenol
 Concen: 45.09 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	74.2	111.4
200	29.6	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

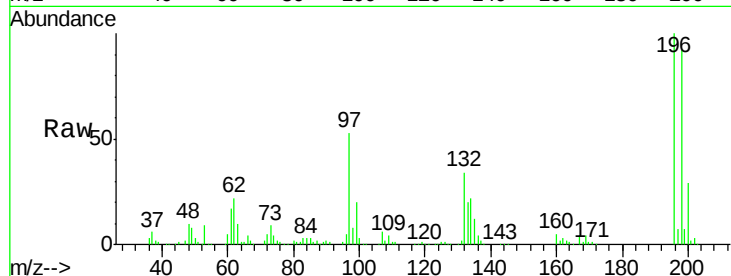




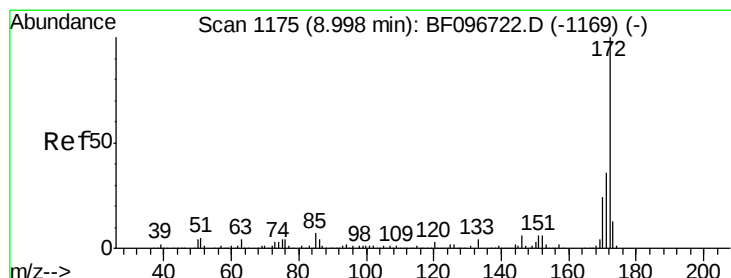
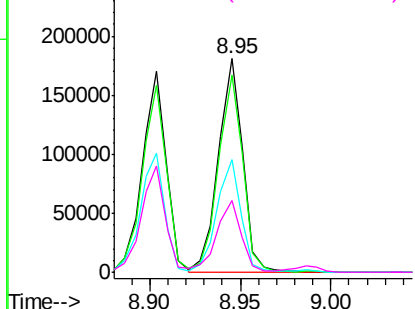
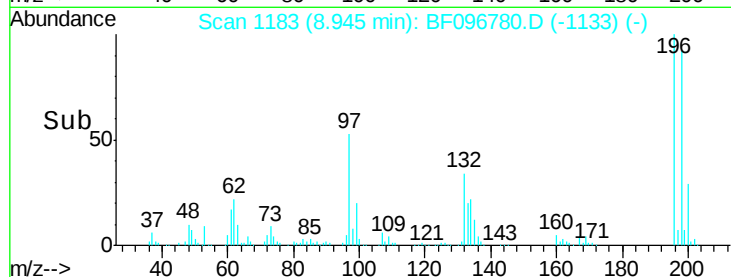
#43
 2,4,5-Trichlorophenol
 Concen: 48.21 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 167828
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.7 113.5
 97 52.9 47.7 71.5
 132 33.6 28.0 42.0

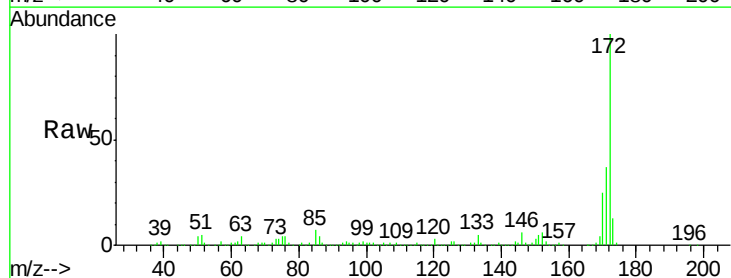


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

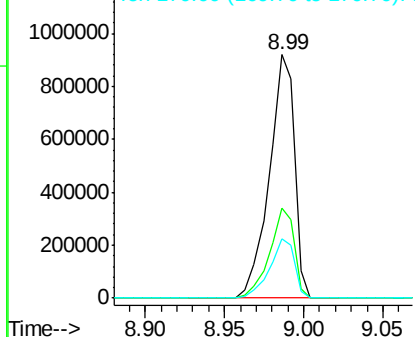
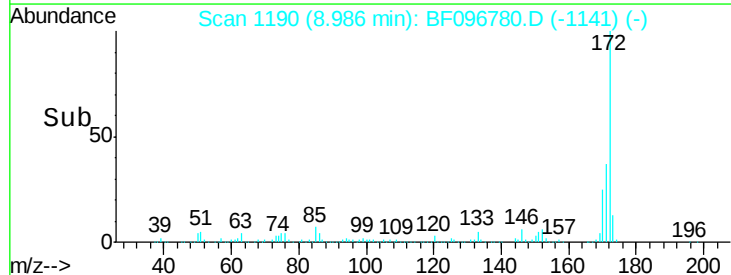


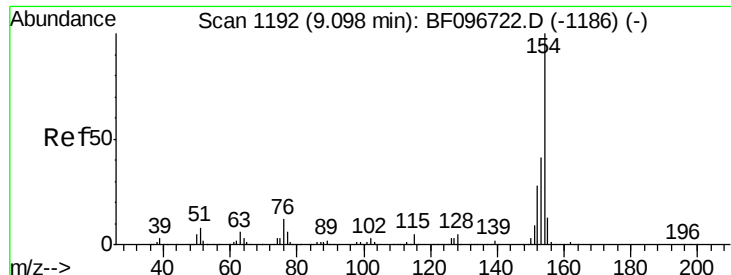
#44
 2-Fluorobiphenyl
 Concen: 93.05 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:172 Resp: 1019533
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.5 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

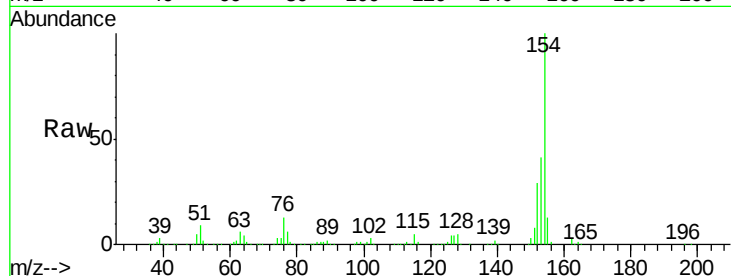




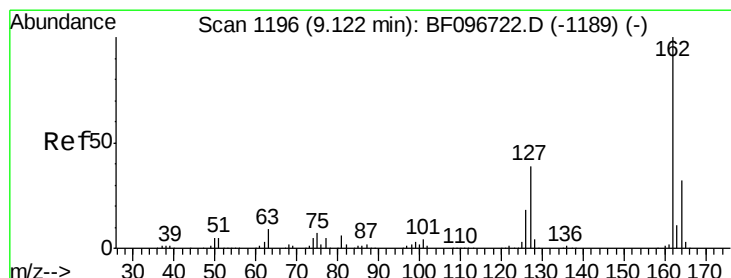
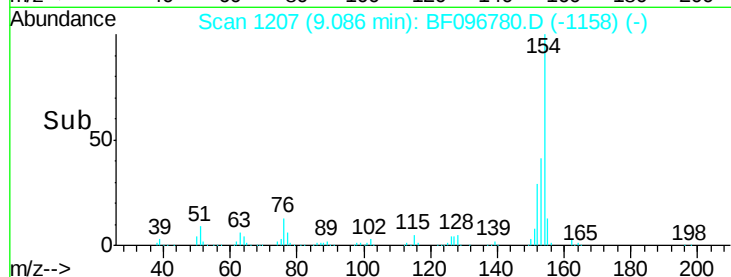
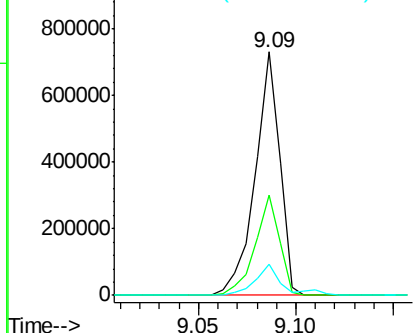
#45
 1,1'-Biphenyl
 Concen: 43.01 ng
 RT: 9.09 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.6	0.0	29.9

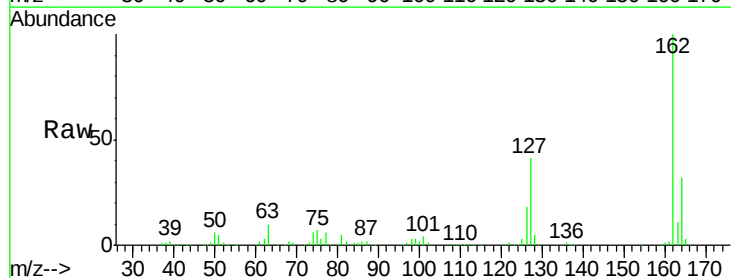


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

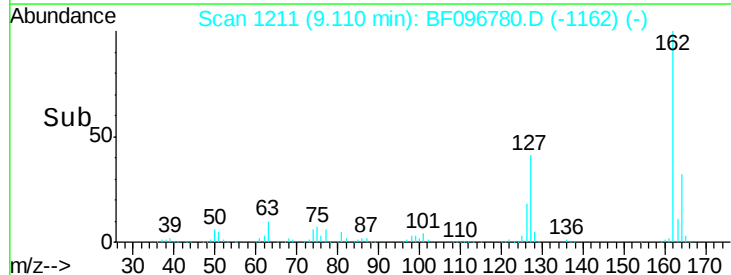
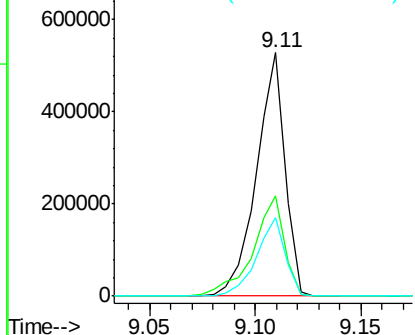


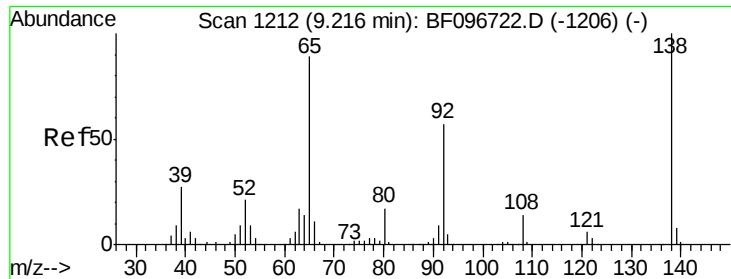
#46
 2-Chloronaphthalene
 Concen: 45.52 ng
 RT: 9.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	32.4	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

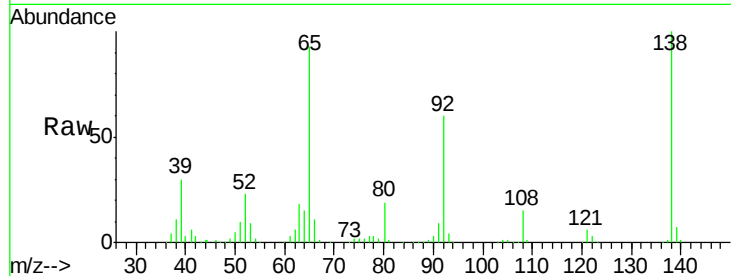




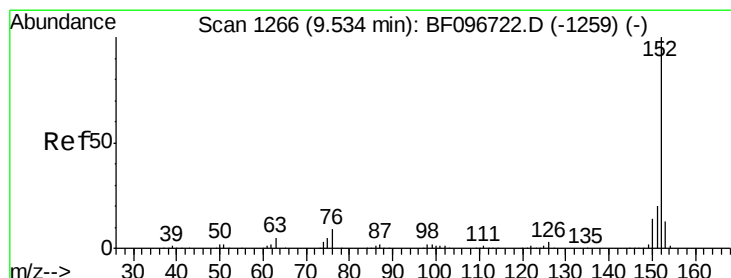
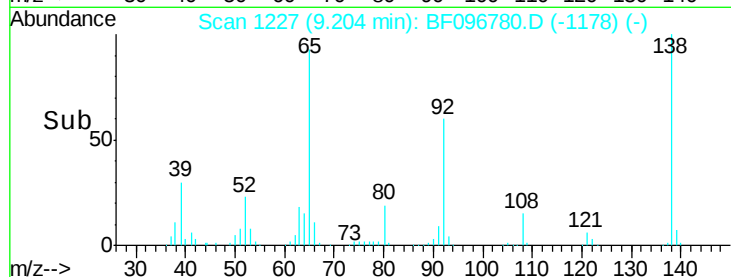
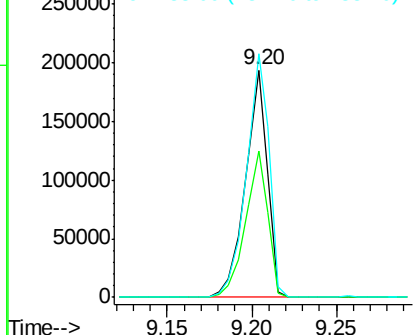
#47
 2-Nitroaniline
 Concen: 46.97 ng
 RT: 9.20 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 176507
 Ion Ratio Lower Upper
 65 100
 92 64.3 53.9 80.9
 138 107.2 78.8 118.2

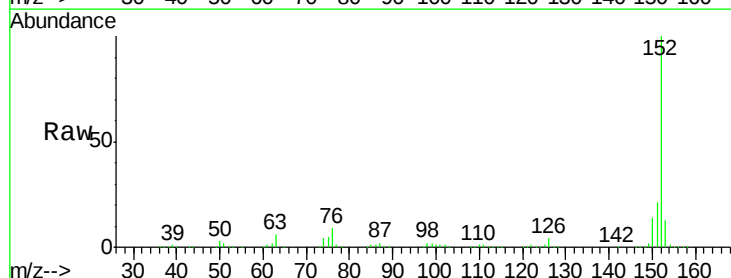


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

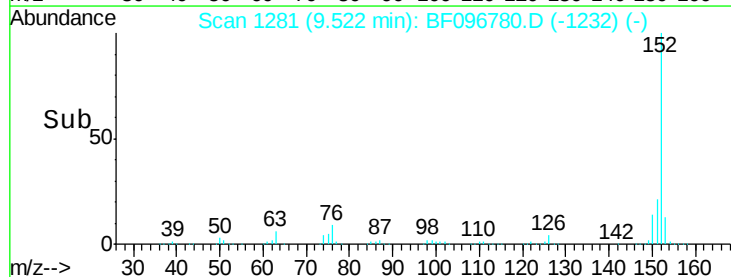
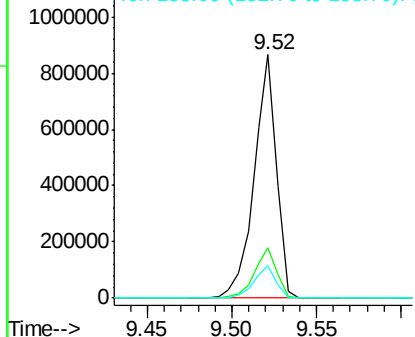


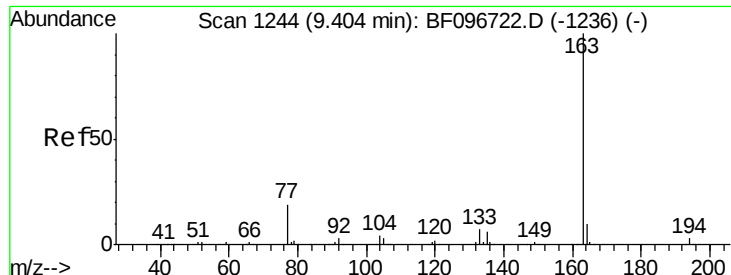
#48
 Acenaphthylene
 Concen: 45.69 ng
 RT: 9.52 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion: 152 Resp: 795816
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

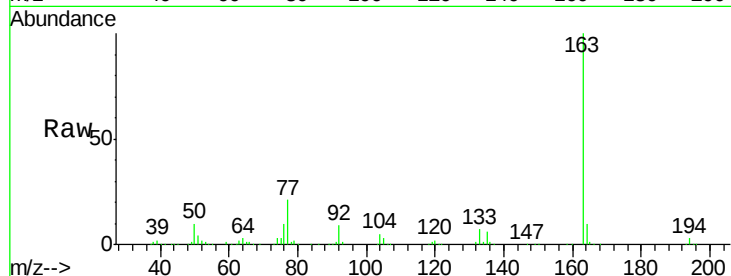




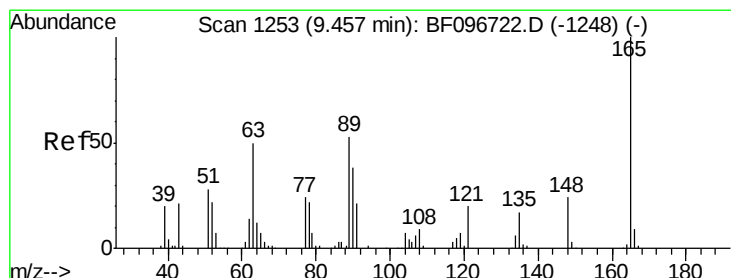
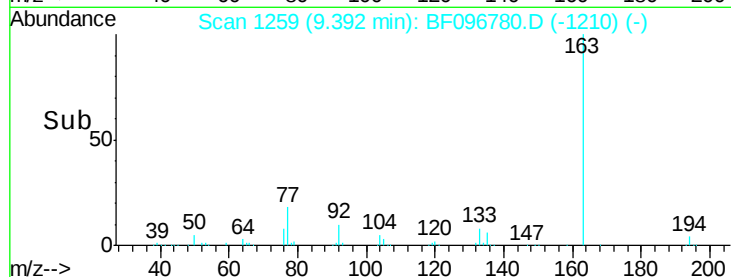
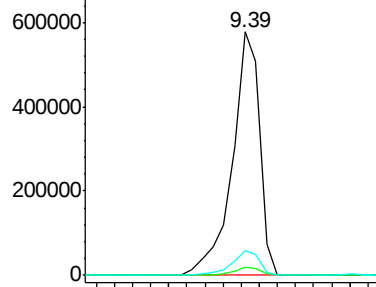
#49
Dimethylphthalate
Concen: 46.31 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

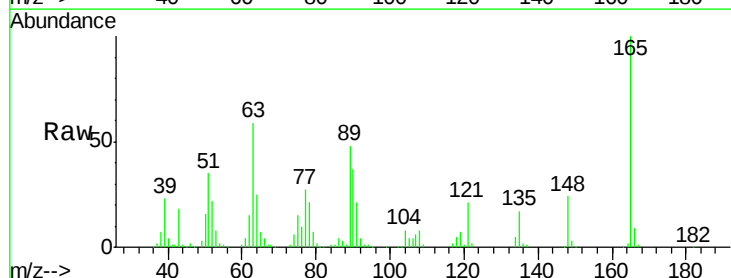


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

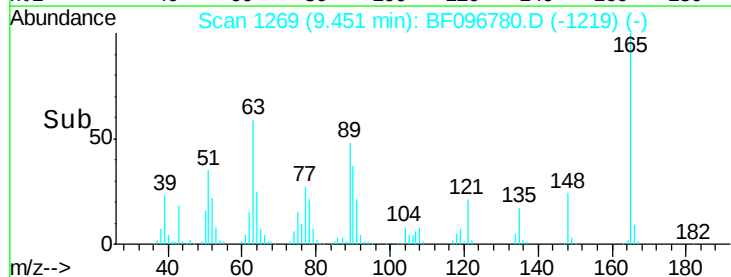
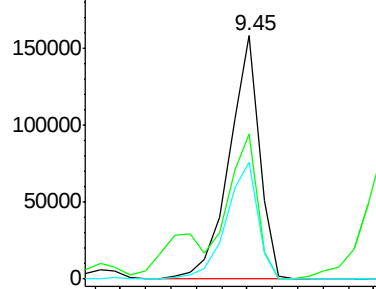


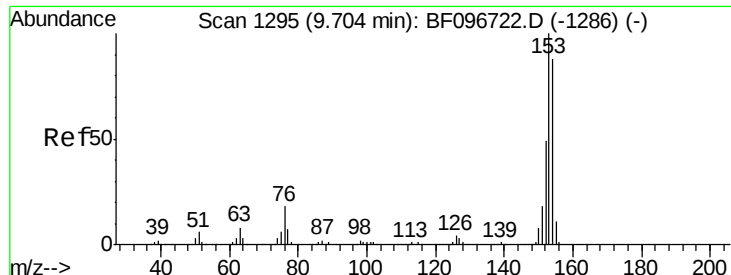
#50
2,6-Dinitrotoluene
Concen: 46.60 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.5	34.3	51.5#
89	47.9	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: 44.63 ng

RT: 9.69 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

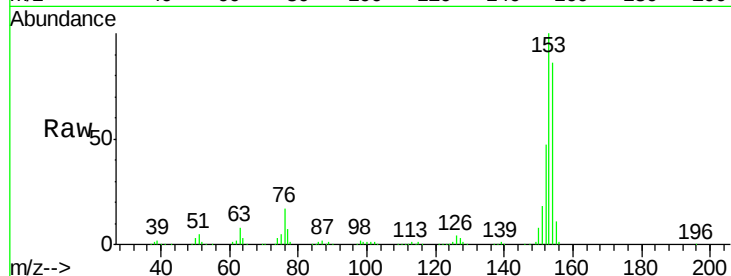
Tot Ion:154 Resp: 459257

Ion Ratio Lower Upper

154 100

153 116.0 90.5 135.7

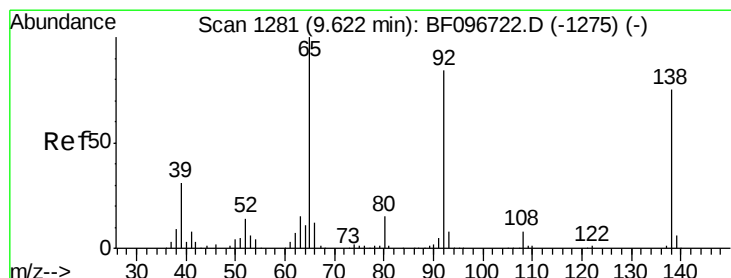
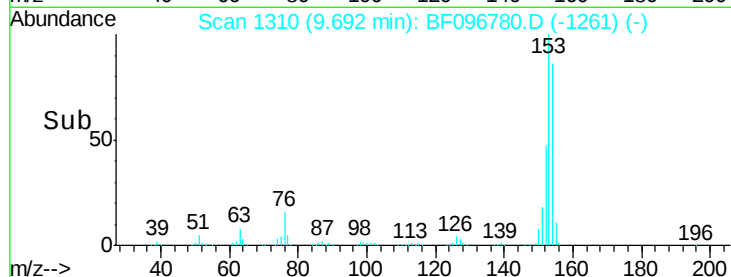
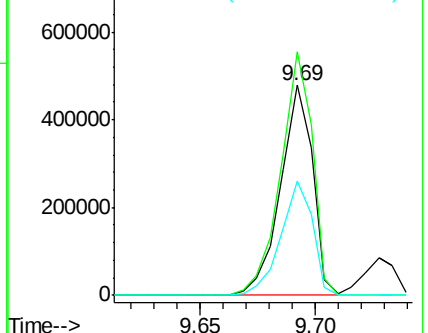
152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.63 ng

RT: 9.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

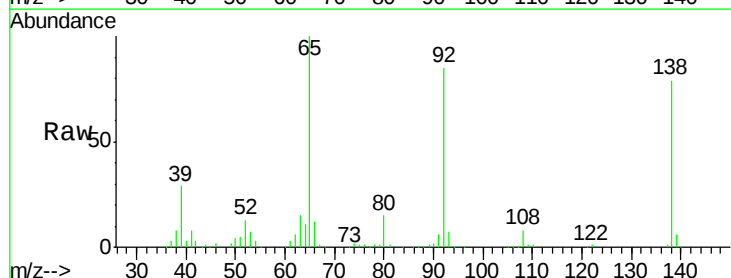
Tgt Ion:138 Resp: 125854

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

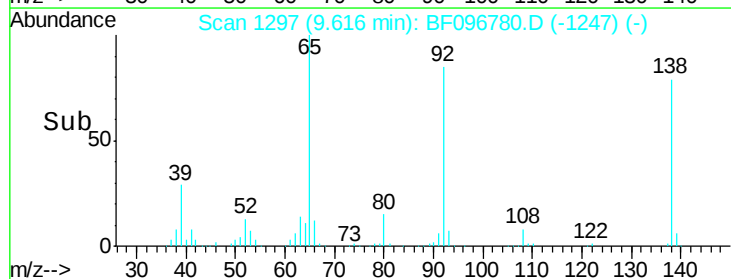
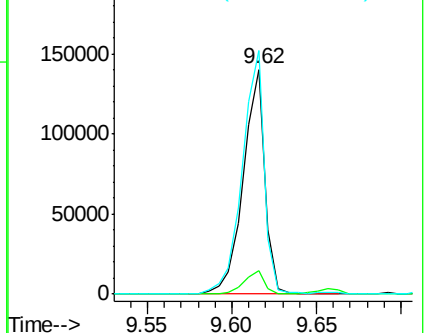
92 108.3 93.8 140.6

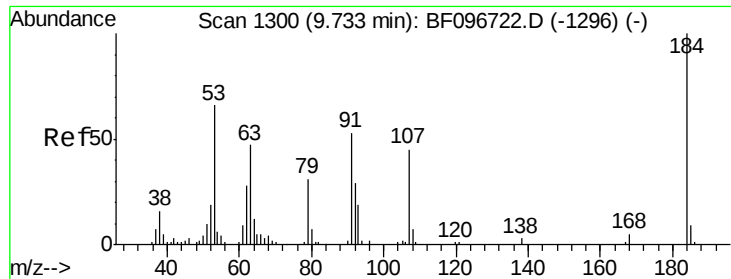


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

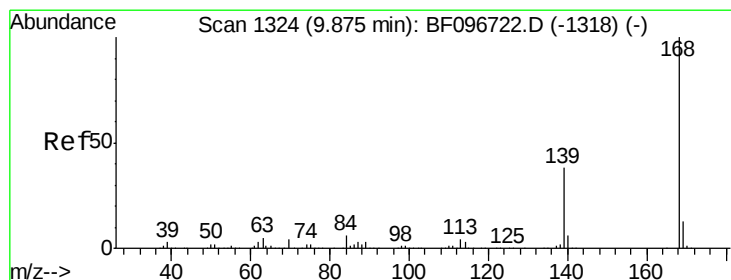
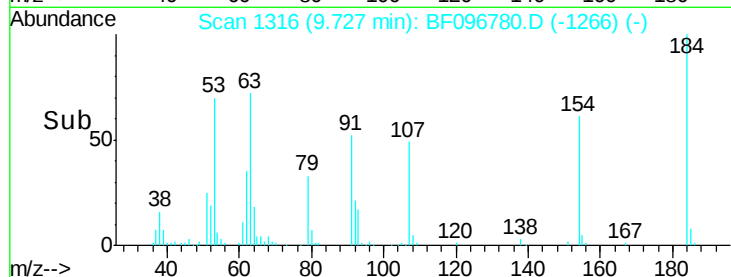
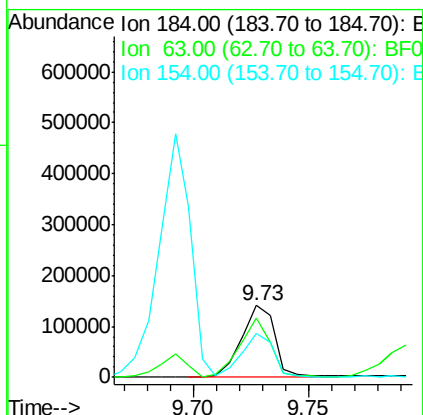
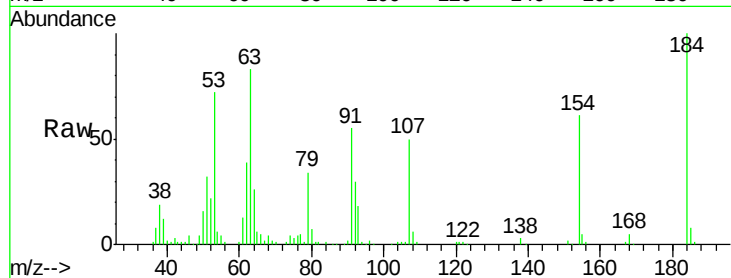




#53
2,4-Dinitrophenol
Concen: 101.77 ng
RT: 9.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

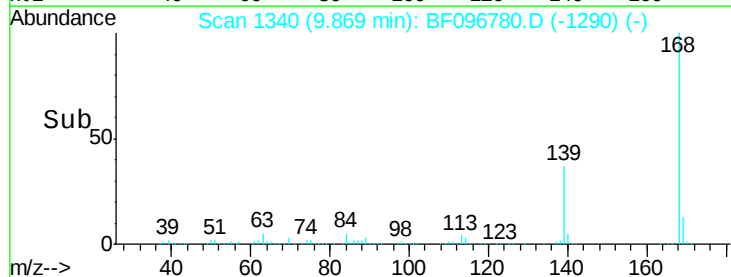
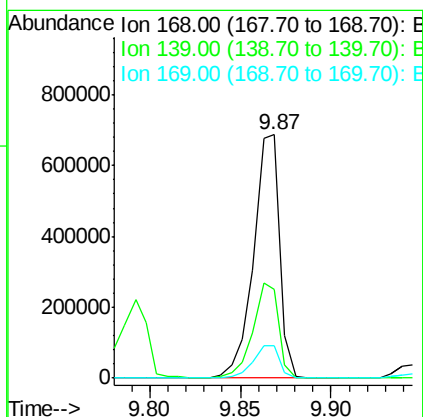
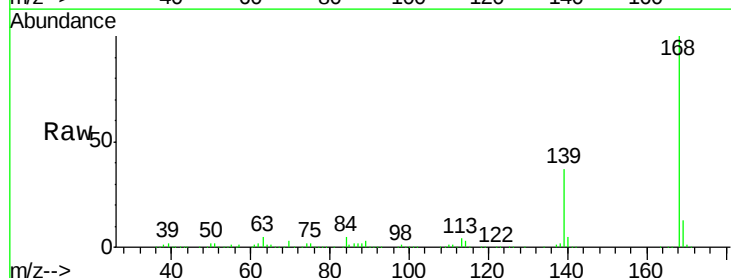
Instrument :
BNA_F
ClientSampleId :

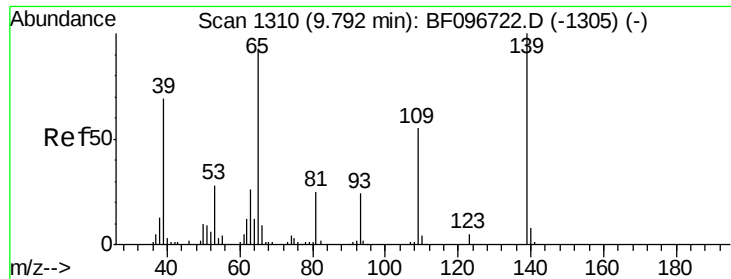
Tot Ion:184 Resp: 145063
Ion Ratio Lower Upper
184 100
63 83.4 62.7 94.1
154 60.9 81.1 121.7#



#54
Dibenzofuran
Concen: 47.65 ng
RT: 9.87 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:168 Resp: 687170
Ion Ratio Lower Upper
168 100
139 36.7 30.6 45.8
169 13.2 10.8 16.2

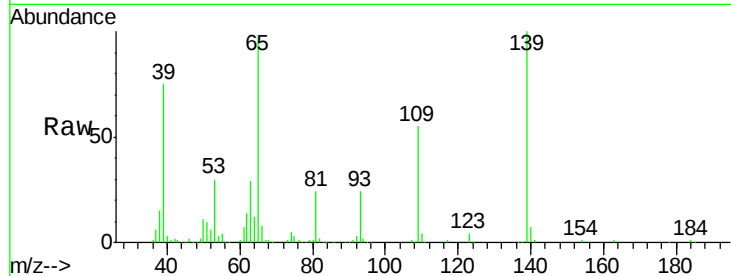




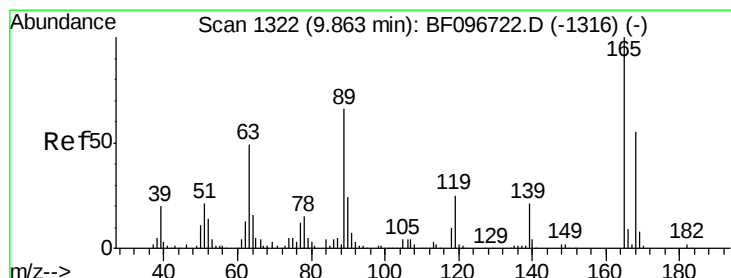
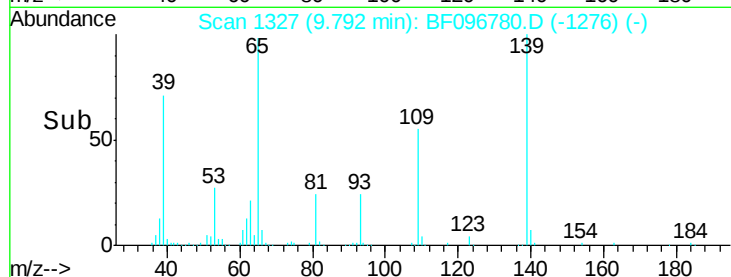
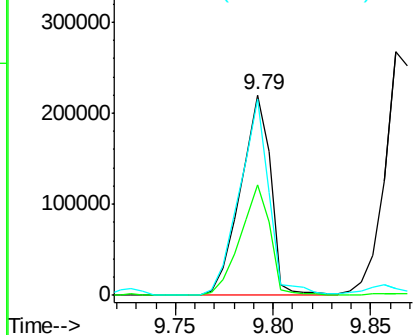
#55
4-Nitrophenol
Concen: 97.00 ng
RT: 9.79 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 237026
Ion Ratio Lower Upper
139 100
109 55.4 34.1 74.1
65 98.1 31.4 71.4#

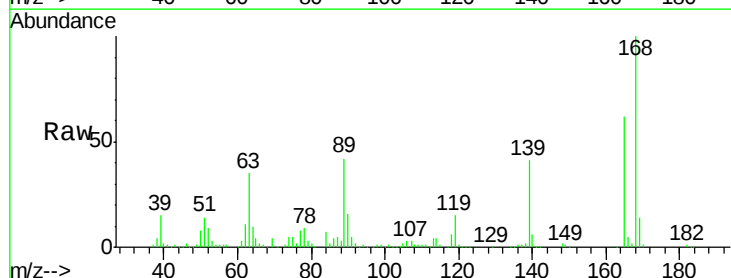


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

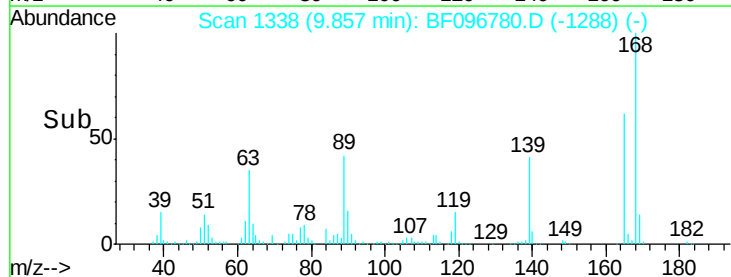
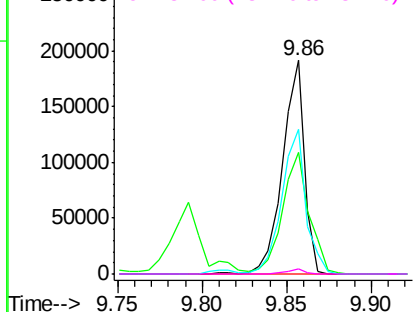


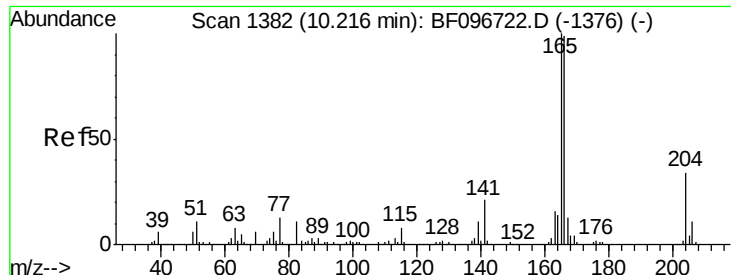
#56
2,4-Dinitrotoluene
Concen: 47.66 ng
RT: 9.86 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:165 Resp: 172906
Ion Ratio Lower Upper
165 100
63 56.7 25.4 38.0#
89 67.6 46.4 69.6
182 2.2 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

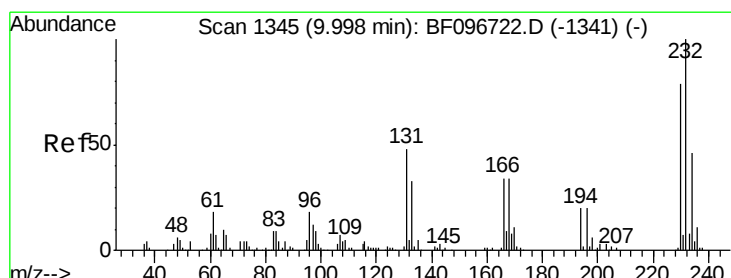
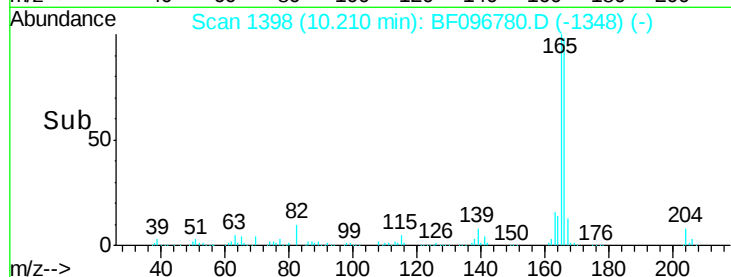
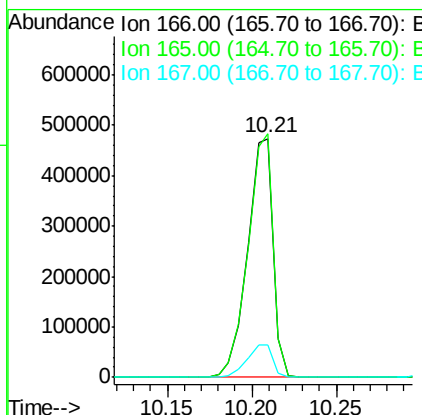
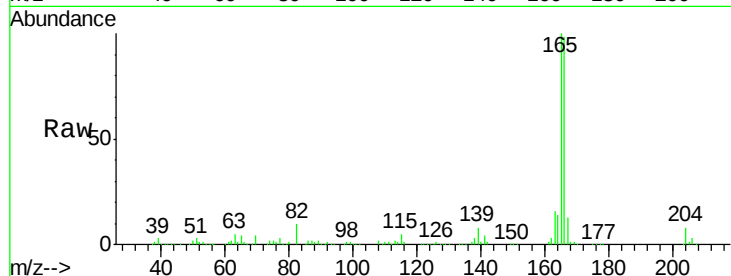




#57
 Fluorene
 Concen: 47.22 ng
 RT: 10.21 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

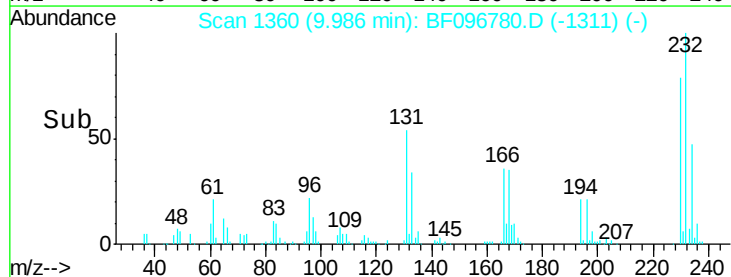
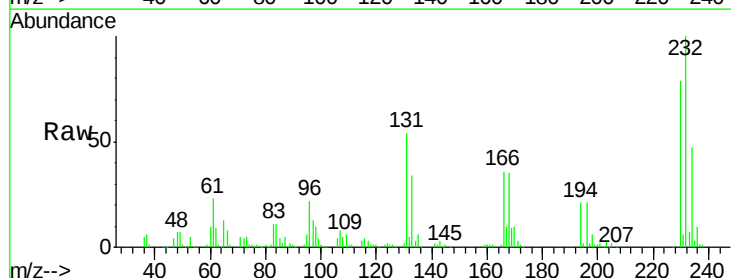
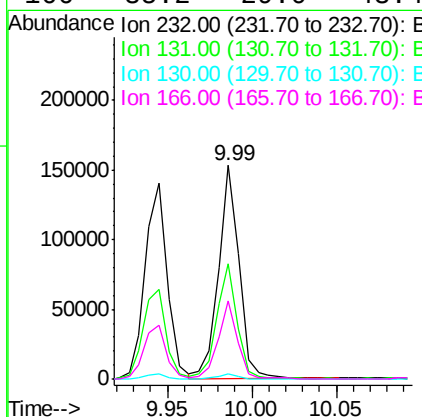
Instrument :
 BNA_F
 ClientSampleId :

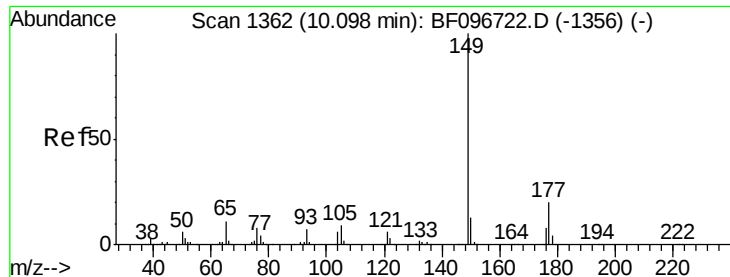
Tot Ion:166 Resp: 503160
 Ion Ratio Lower Upper
 166 100
 165 102.0 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.15 ng
 RT: 9.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:232 Resp: 130733
 Ion Ratio Lower Upper
 232 100
 131 53.3 44.8 67.2
 130 2.2 2.3 3.5#
 166 35.2 29.0 43.4

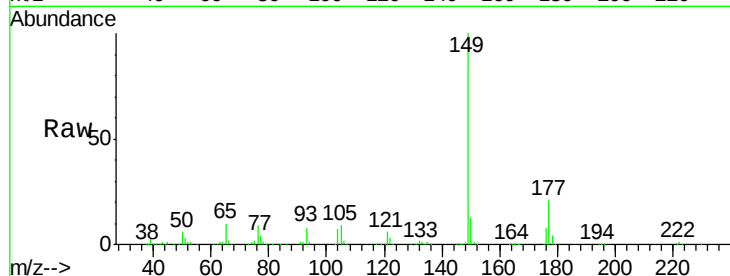




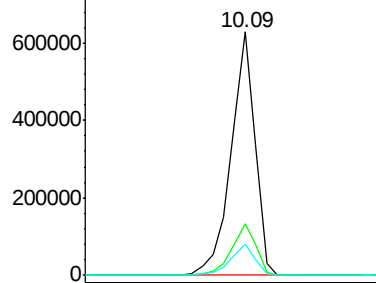
#59
Diethylphthalate
Concen: 45.78 ng
RT: 10.09 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Instrument :
BNA_F
ClientSampleId :

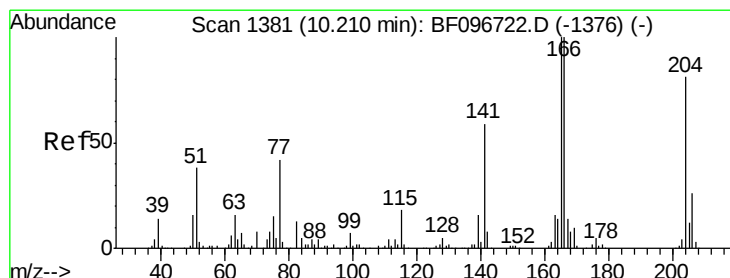
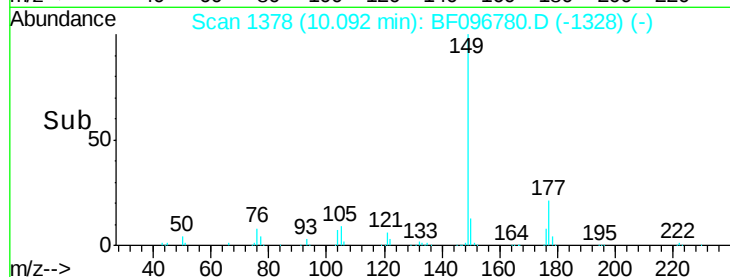
Tot Ion:149 Resp: 580924
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.7 10.2 15.2



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

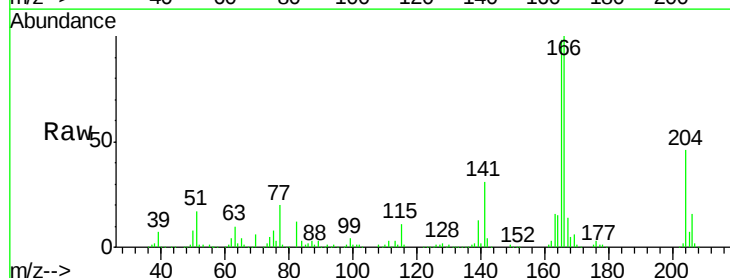


Time-->

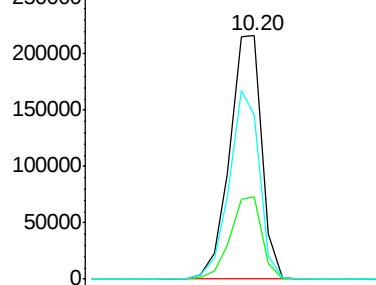


#60
4-Chlorophenyl-phenylether
Concen: 48.53 ng
RT: 10.20 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

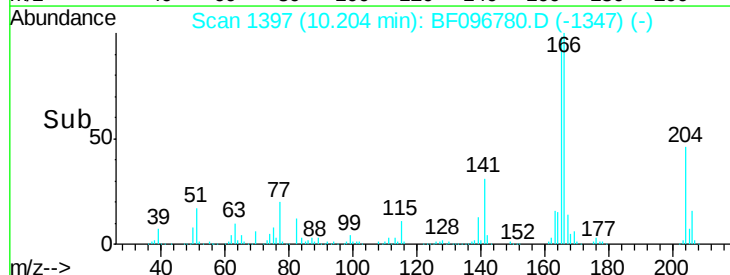
Tgt Ion:204 Resp: 209630
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 67.5 60.8 91.2

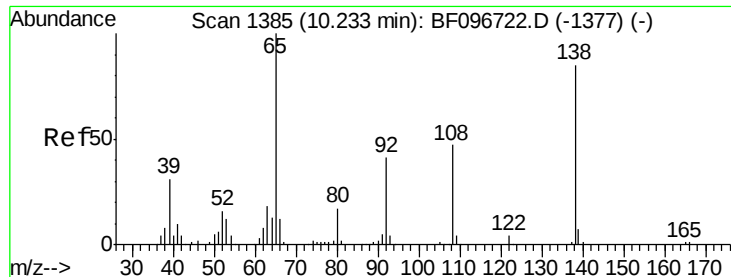


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

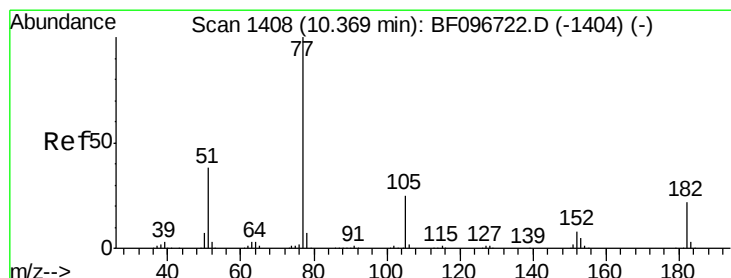
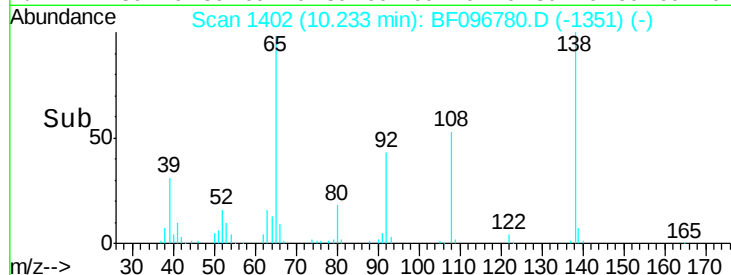
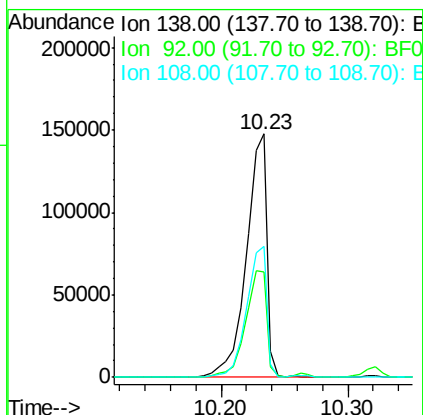
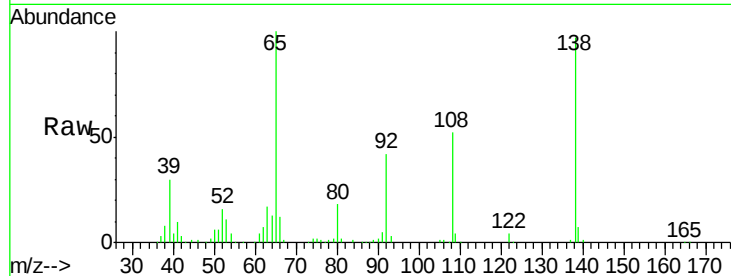




#61
4-Nitroaniline
Concen: 52.75 ng
RT: 10.23 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

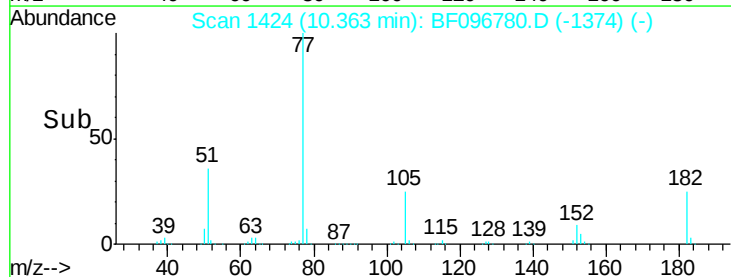
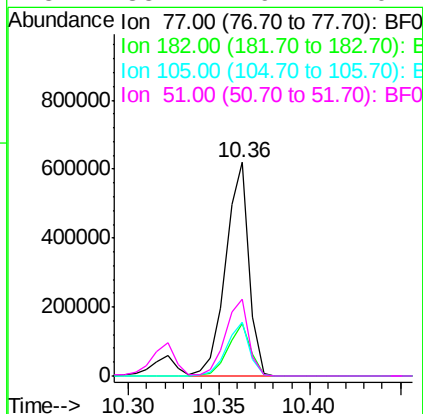
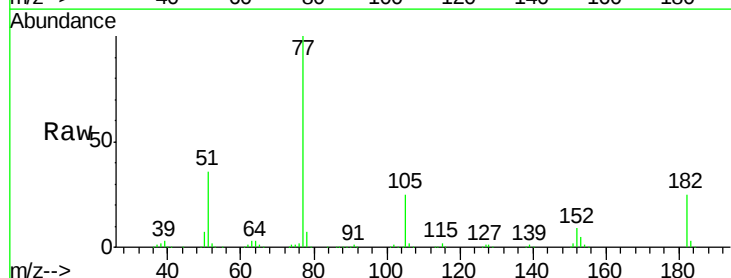
Instrument :
BNA_F
ClientSampleId :

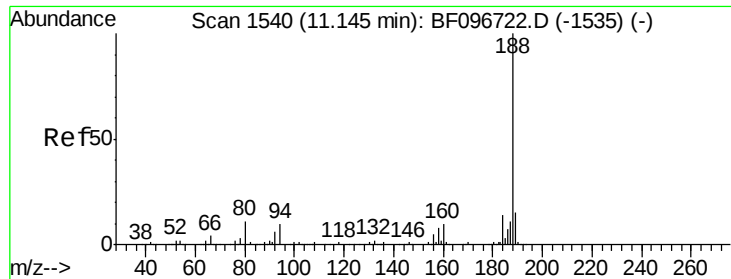
Tot Ion:138 Resp: 165682
Ion Ratio Lower Upper
138 100
92 43.1 21.8 61.8
108 53.8 42.3 82.3



#62
Azobenzene
Concen: 49.22 ng
RT: 10.36 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion: 77 Resp: 551027
Ion Ratio Lower Upper
77 100
182 24.6 0.1 40.1
105 25.1 3.6 43.6
51 35.7 9.4 49.4

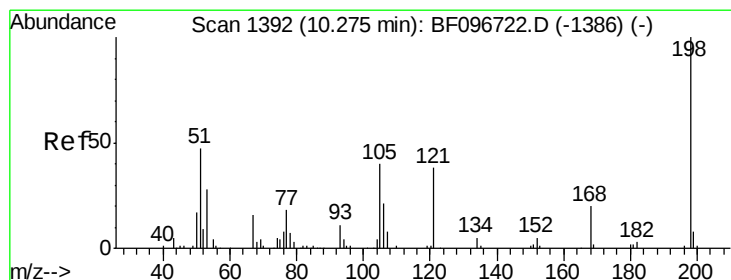
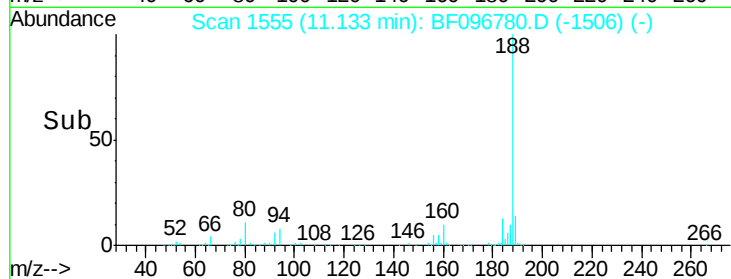
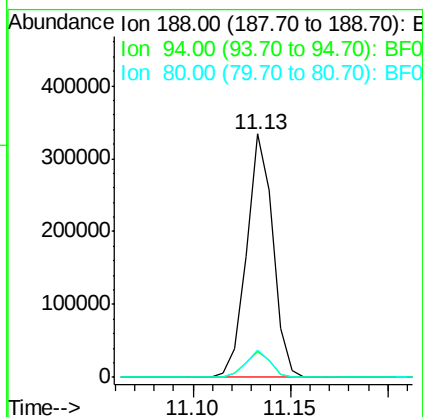
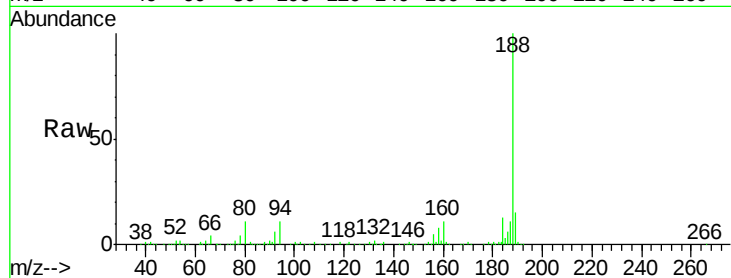




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

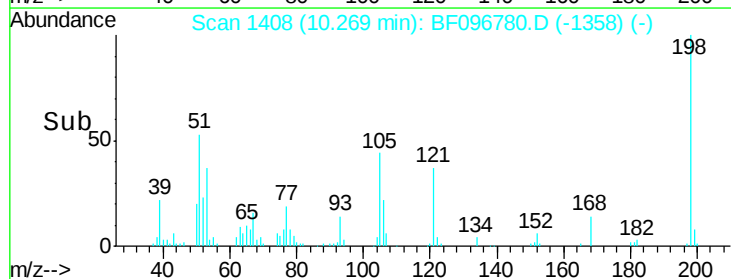
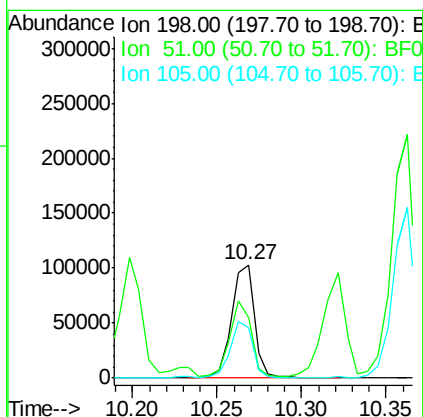
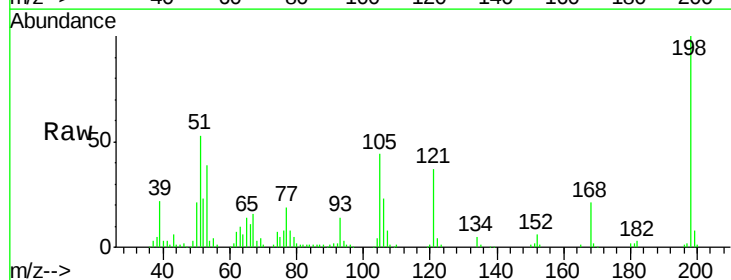
Instrument :
 BNA_F
 ClientSampled :

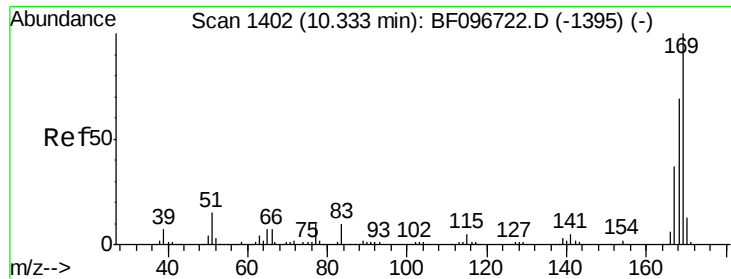
Tot Ion:188 Resp: 310977
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.0 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.63 ng
 RT: 10.27 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:198 Resp: 96894
 Ion Ratio Lower Upper
 198 100
 51 53.5 53.2 93.2
 105 43.9 45.8 85.8#

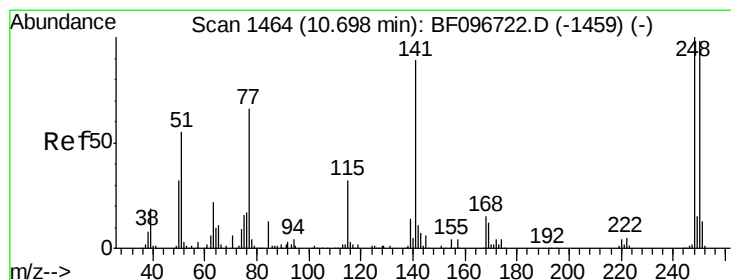
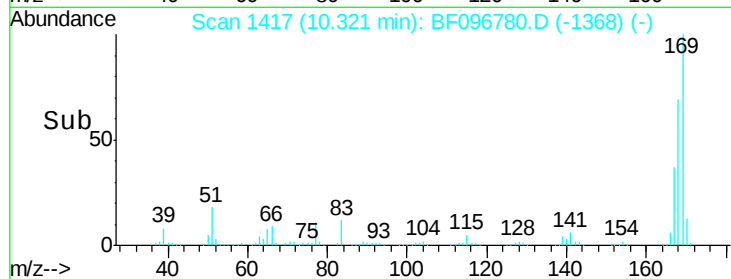
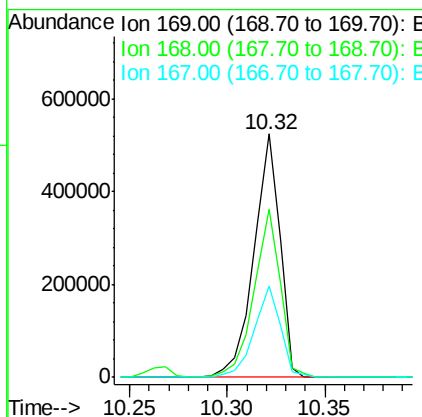
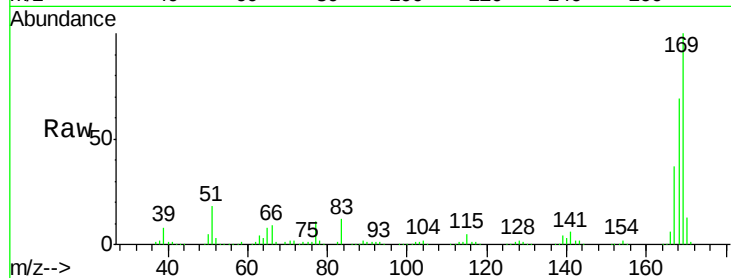




#65
 n-Nitrosodiphenylamine
 Concen: 43.59 ng
 RT: 10.32 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

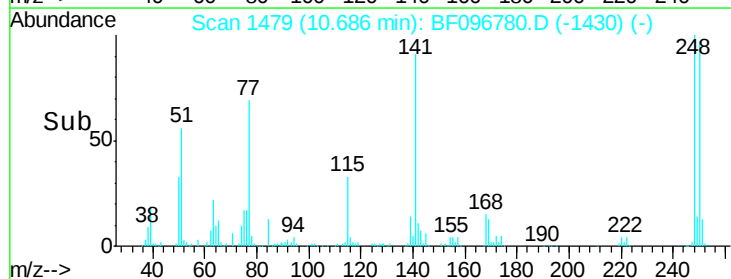
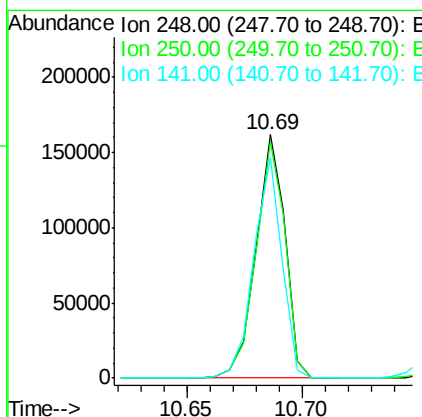
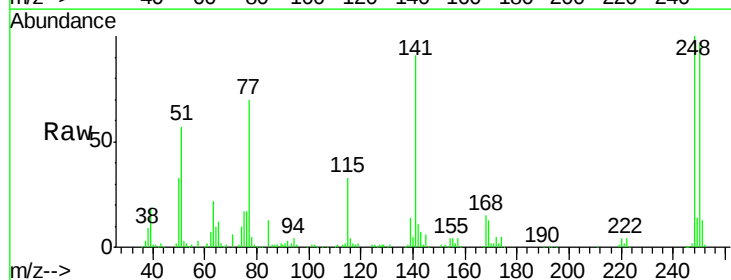
Instrument :
 BNA_F
 ClientSampleId :

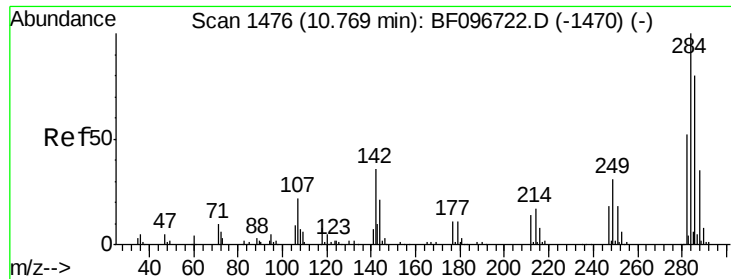
Tot Ion:169 Resp: 484529
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.75 ng
 RT: 10.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:248 Resp: 142086
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.8 115.2
 141 90.7 68.6 103.0

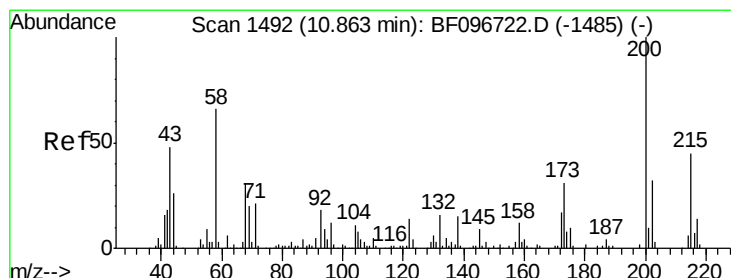
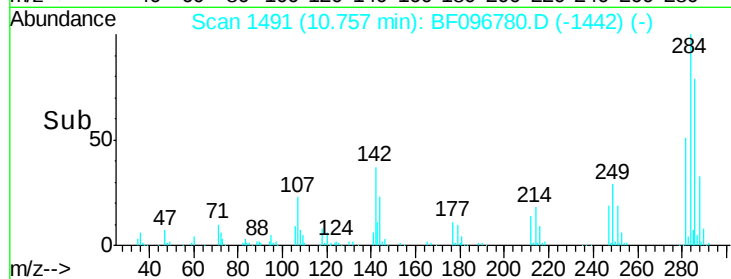
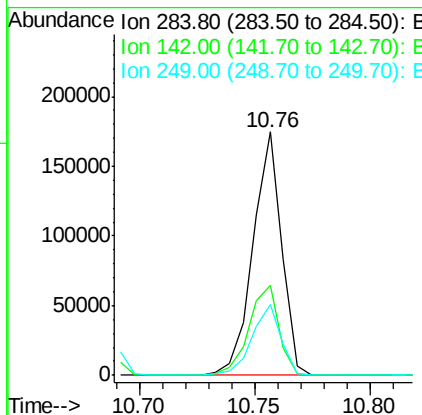
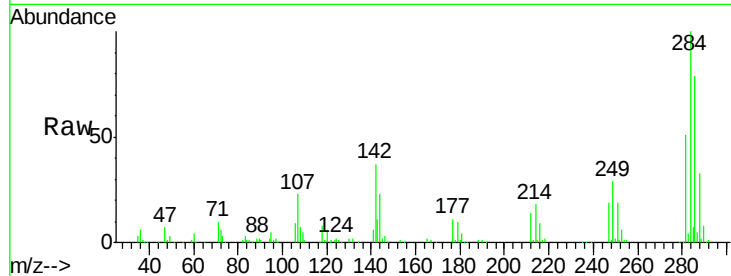




#67
Hexachlorobenzene
Concen: 42.81 ng
RT: 10.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

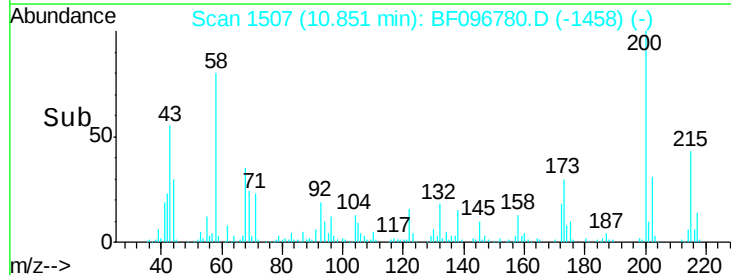
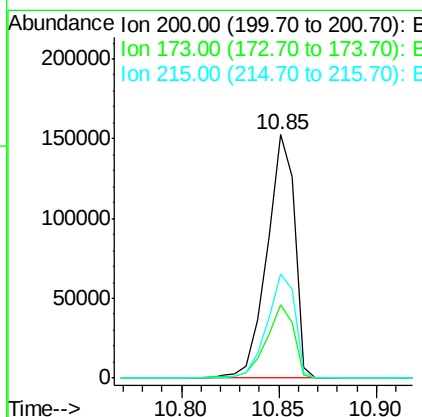
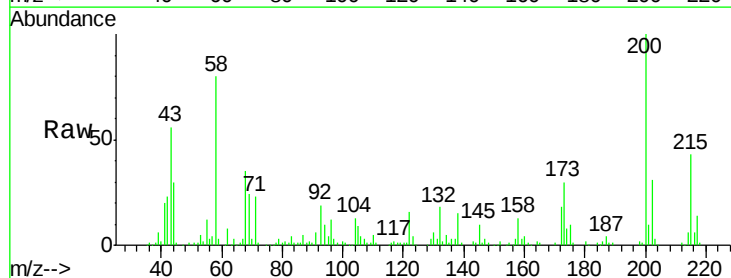
Instrument :
BNA_F
ClientSampleId :

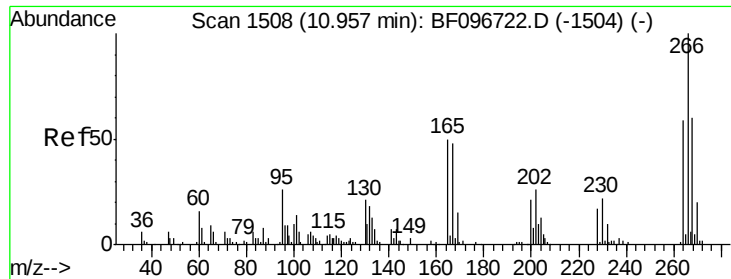
Tot Ion:284 Resp: 151375
Ion Ratio Lower Upper
284 100
142 36.7 22.8 34.2#
249 29.2 24.0 36.0



#68
Atrazine
Concen: 47.08 ng
RT: 10.85 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:200 Resp: 149102
Ion Ratio Lower Upper
200 100
173 30.1 6.3 46.3
215 42.8 27.2 67.2

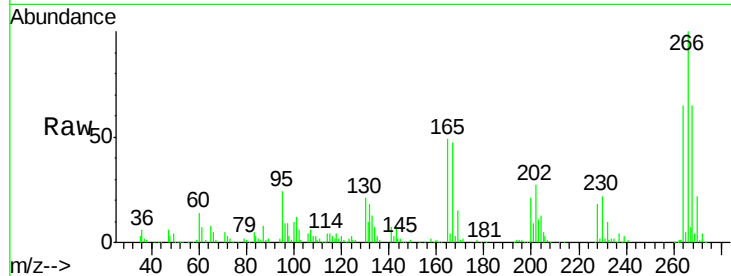




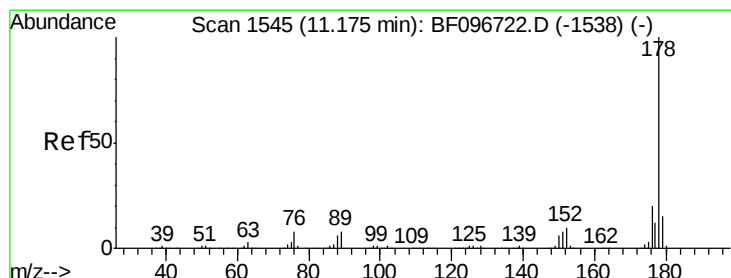
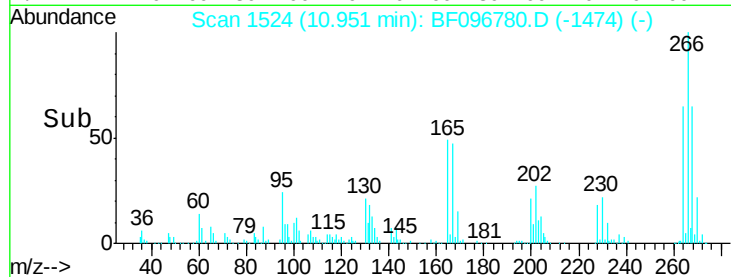
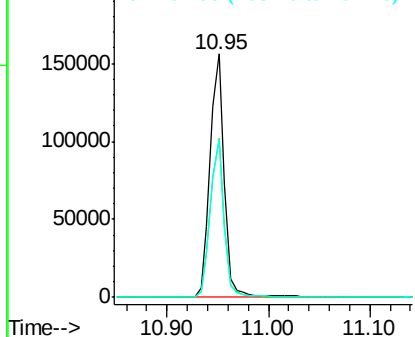
#69
 Pentachlorophenol
 Concen: 90.25 ng
 RT: 10.95 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 154175
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 64.6 51.7 77.5

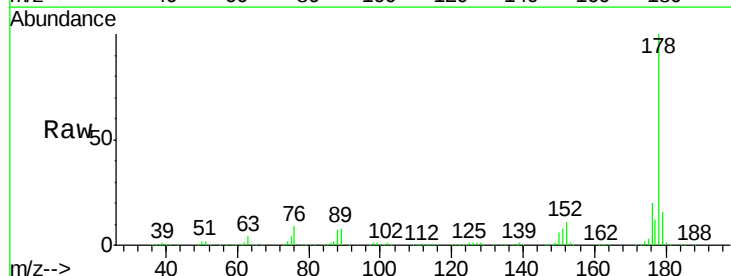


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

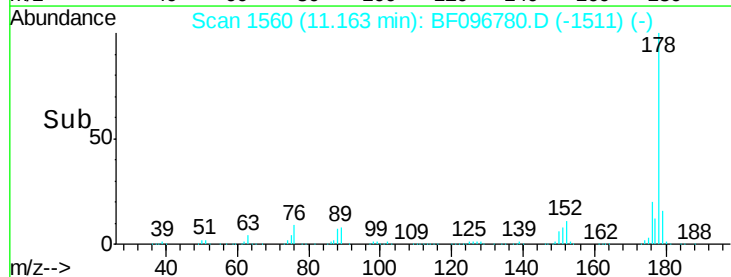
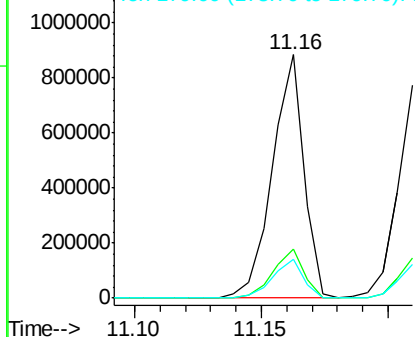


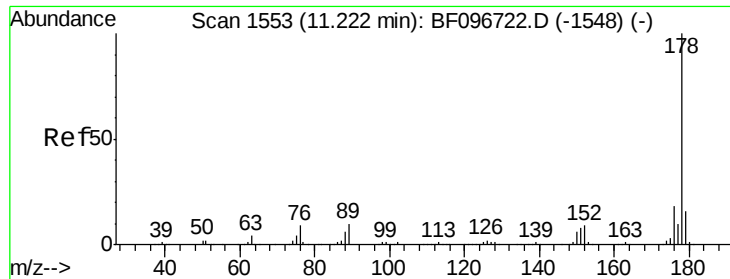
#70
 Phenanthrene
 Concen: 45.82 ng
 RT: 11.16 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:178 Resp: 774784
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.7 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

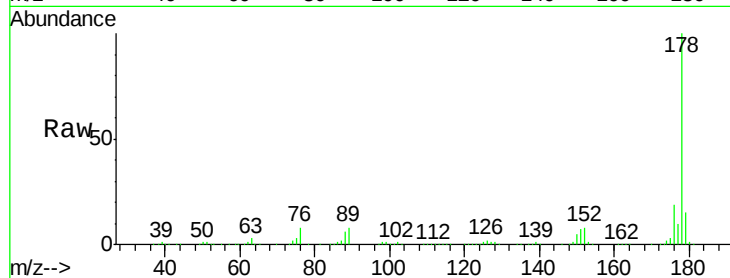




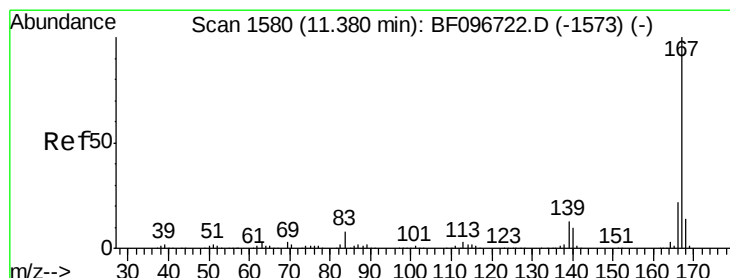
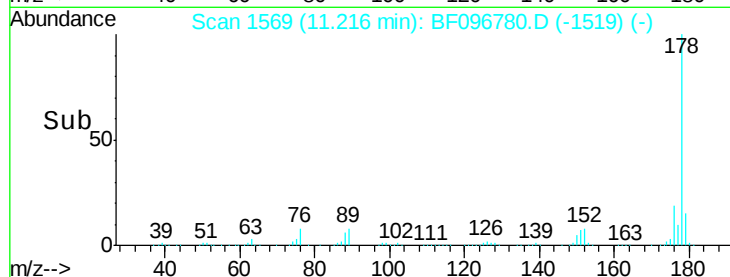
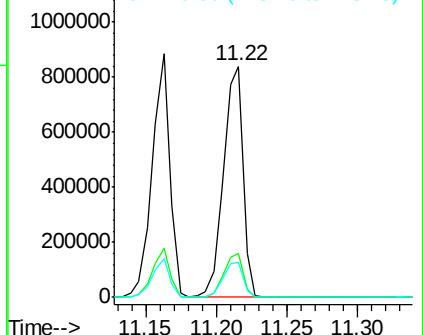
#71
 Anthracene
 Concen: 47.20 ng
 RT: 11.22 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 806974
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.2 12.7 19.1

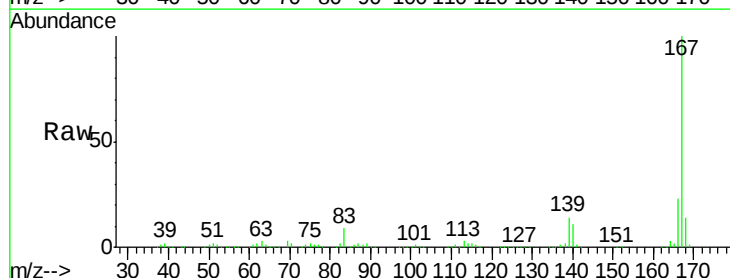


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

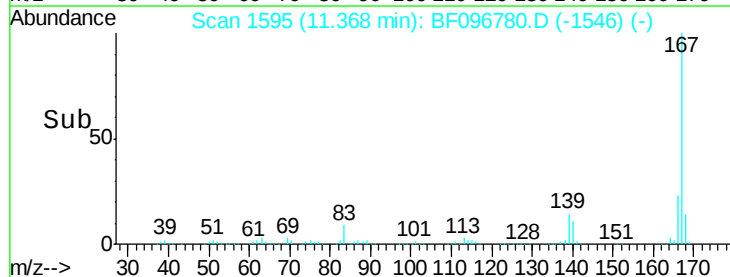
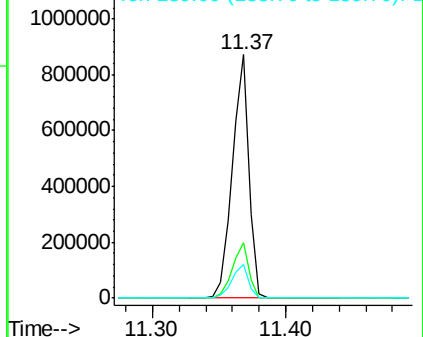


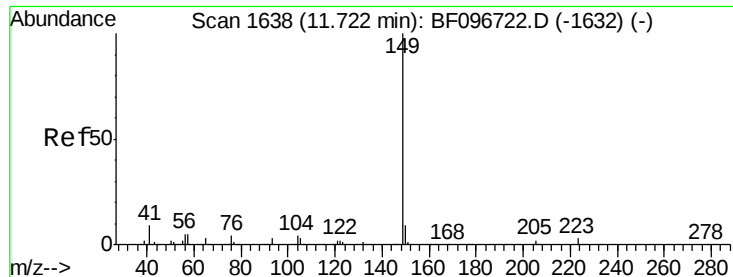
#72
 Carbazole
 Concen: 46.31 ng
 RT: 11.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:167 Resp: 766628
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.6 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

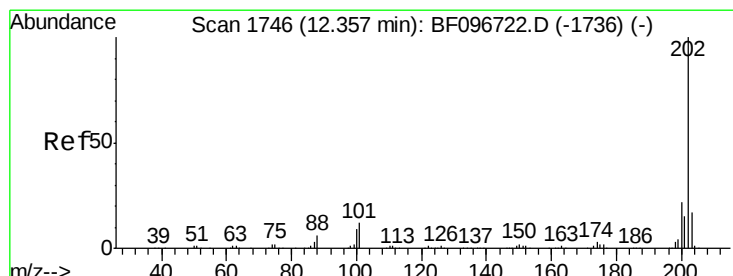
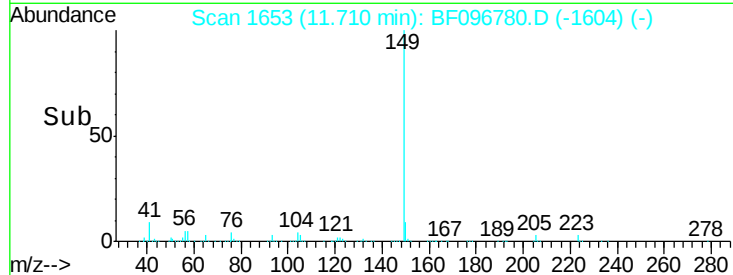
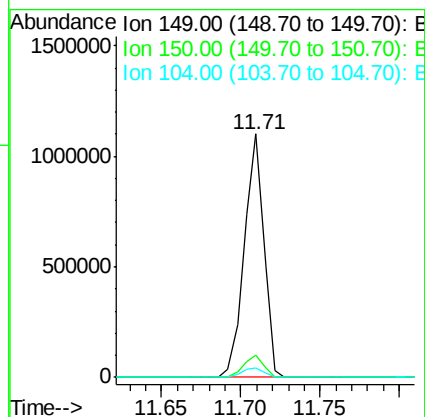
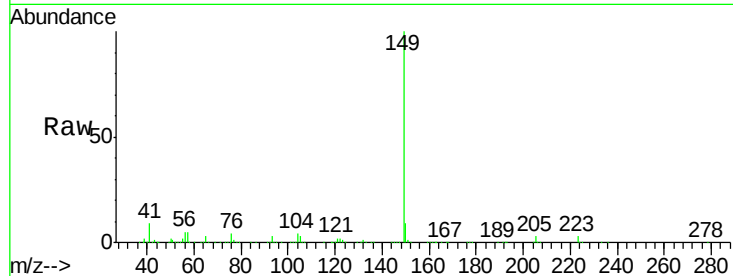




#73
Di-n-butylphthalate
Concen: 45.47 ng
RT: 11.71 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

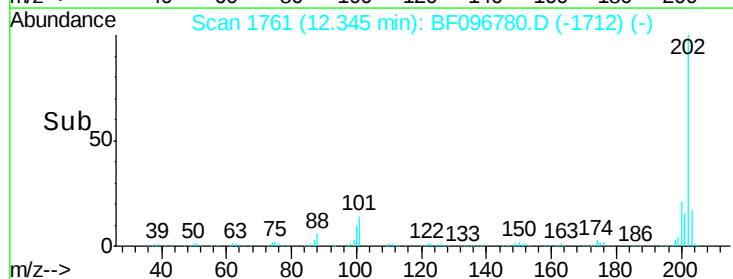
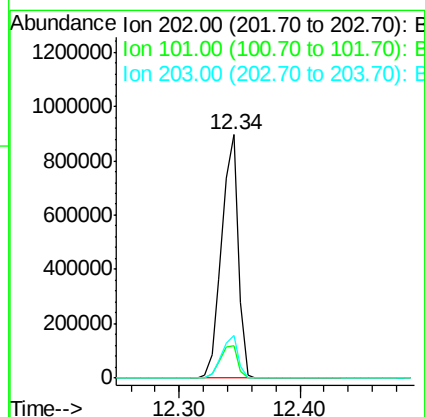
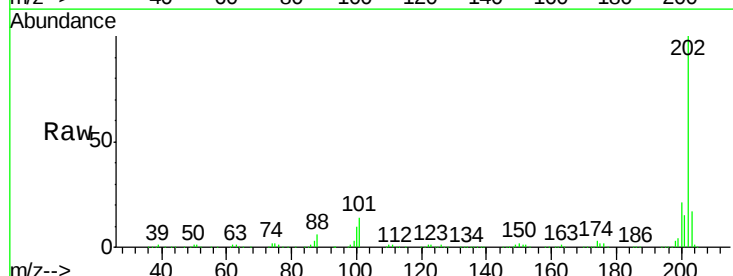
Instrument :
BNA_F
ClientSampled :

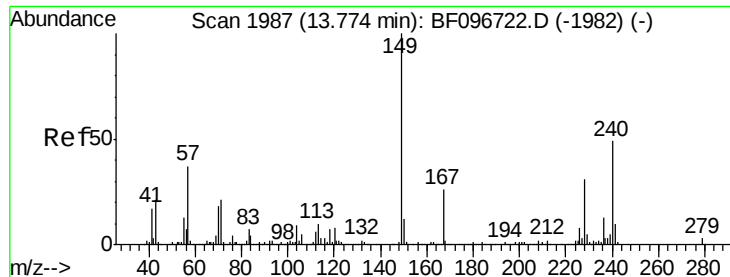
Tot Ion:149 Resp: 937611
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 52.31 ng
RT: 12.34 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:202 Resp: 846556
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampled :

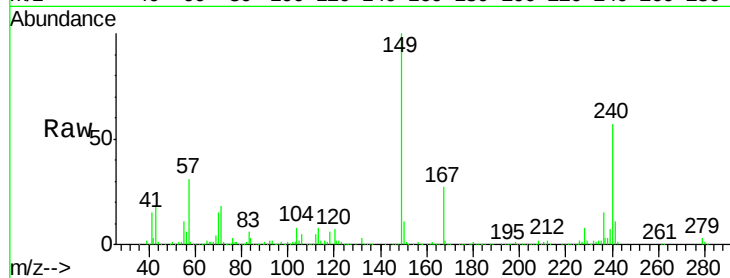
Tot Ion:240 Resp: 211650

Ion Ratio Lower Upper

240 100

120 11.7 5.8 8.8#

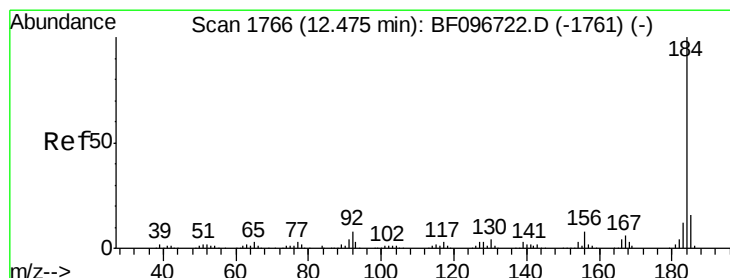
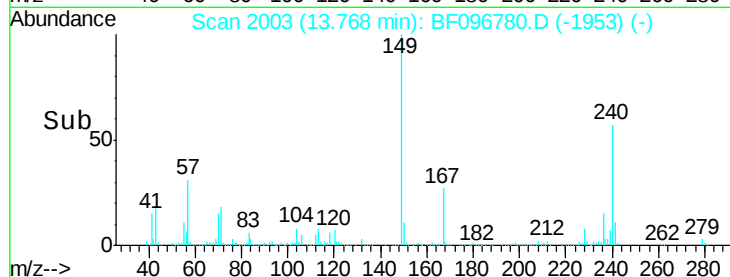
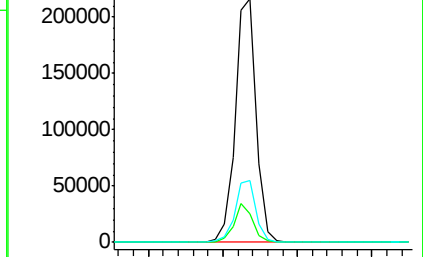
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.75 ng

RT: 12.47 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

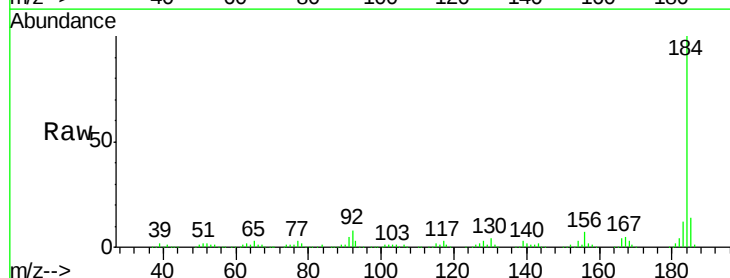
Tgt Ion:184 Resp: 469743

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

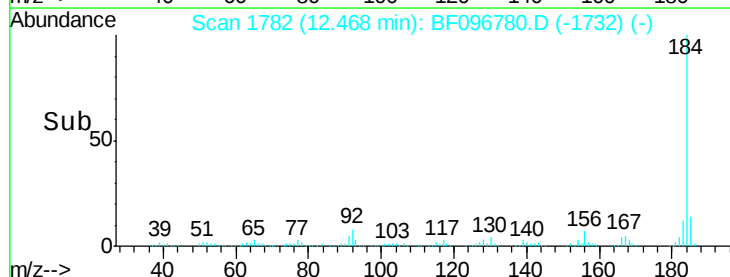
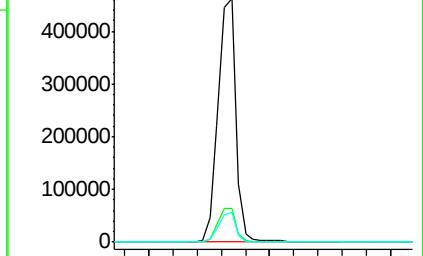
183 12.0 9.8 14.6

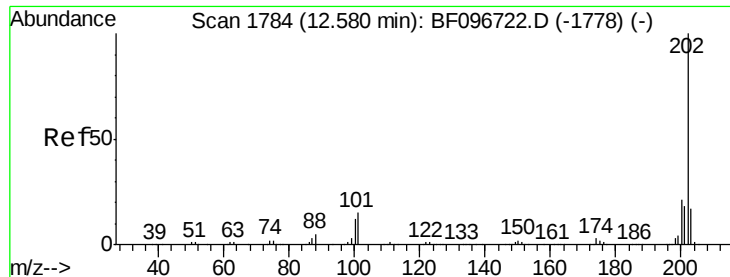


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

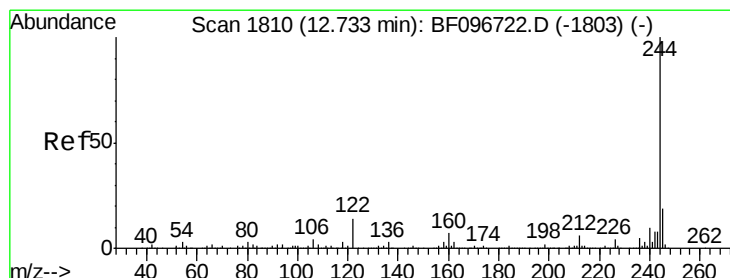
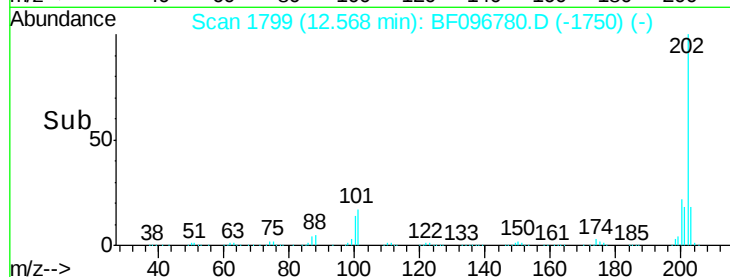
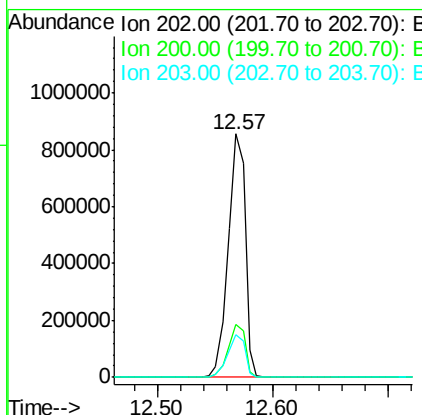
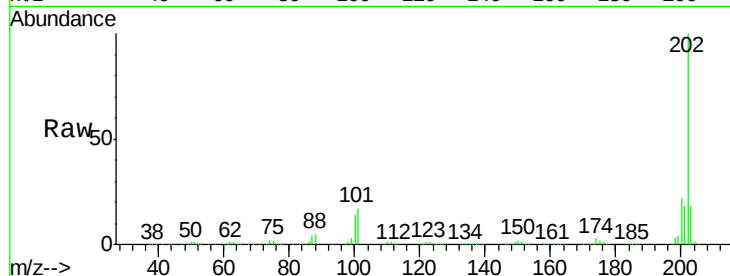




#77
Pvrene
Concen: 45.72 ng
RT: 12.57 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

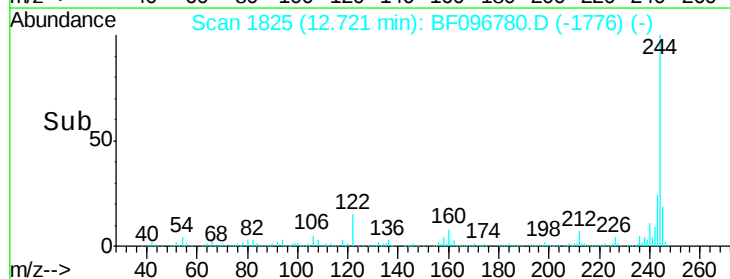
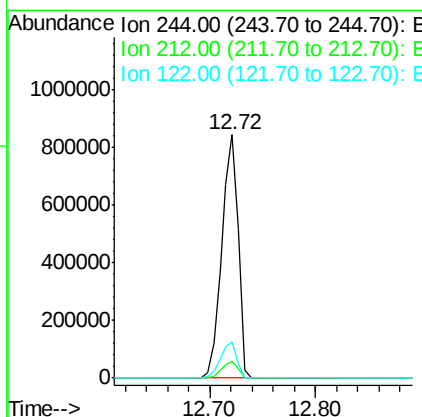
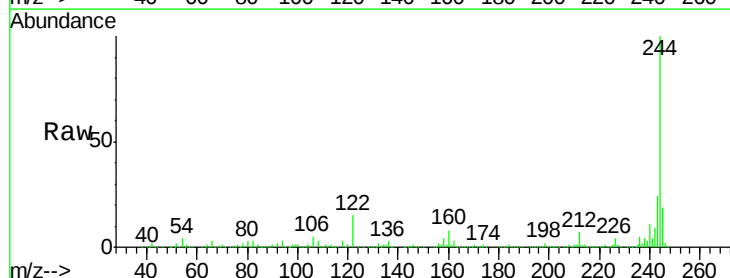
Instrument :
BNA_F
ClientSampleId :

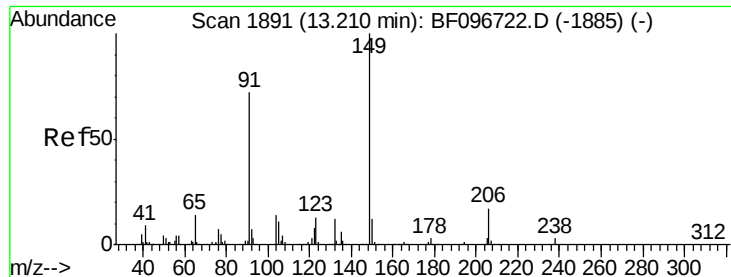
Tot Ion:202 Resp: 878208
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 74.86 ng
RT: 12.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:244 Resp: 913646
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 15.1 10.3 15.5

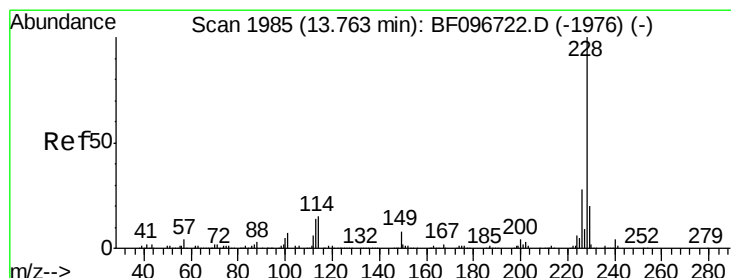
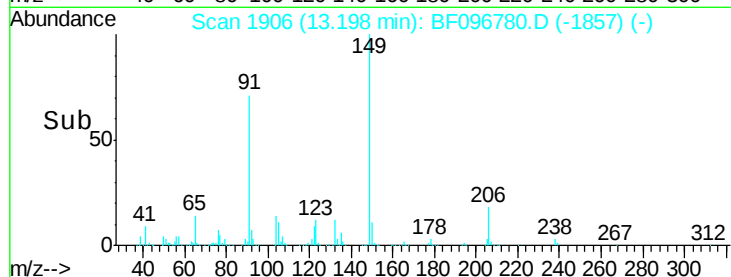
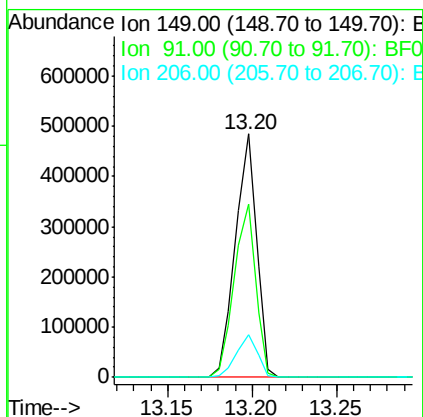
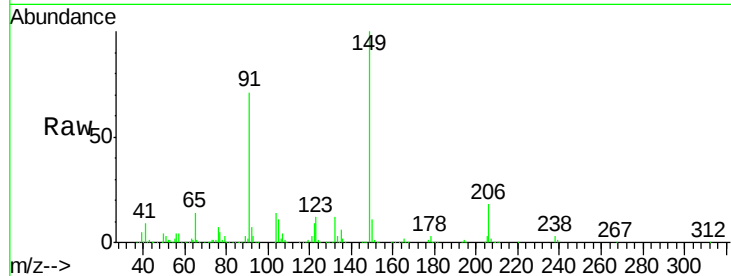




#79
Butylbenzylphthalate
Concen: 93.41 ng
RT: 13.20 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

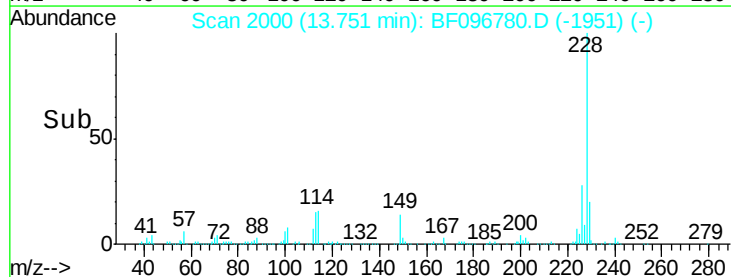
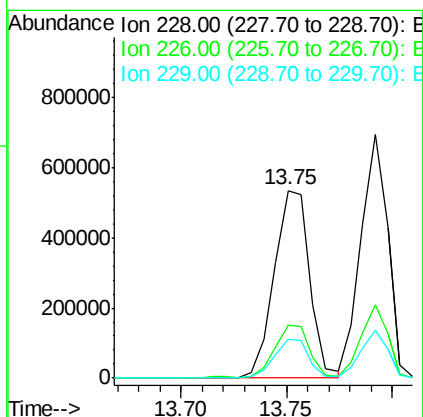
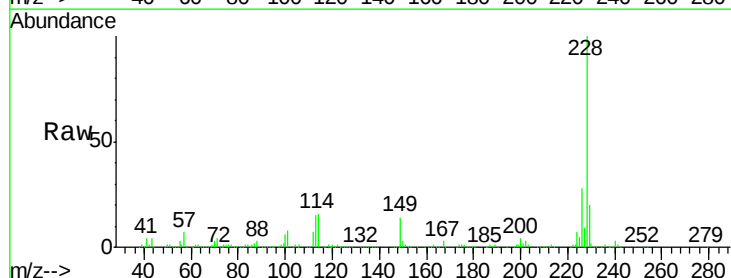
Instrument :
BNA_F
ClientSampleId :

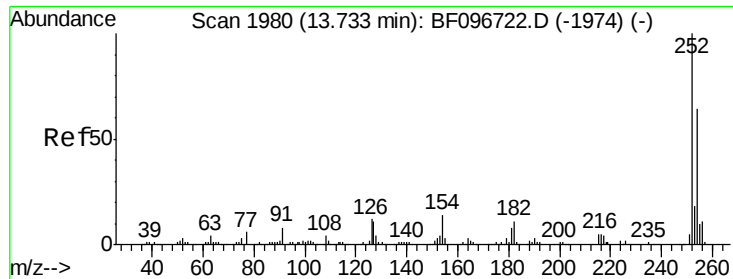
Tot Ion:149 Resp: 426265
Ion Ratio Lower Upper
149 100
91 71.0 45.0 67.4#
206 17.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.56 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096780.D
Acq: 14 Jul 2017 19:14

Tgt Ion:228 Resp: 627172
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.4 16.3 24.5

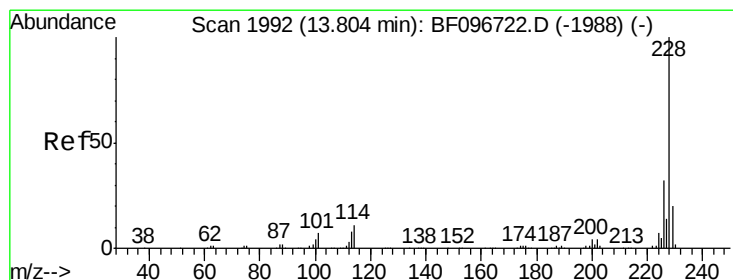
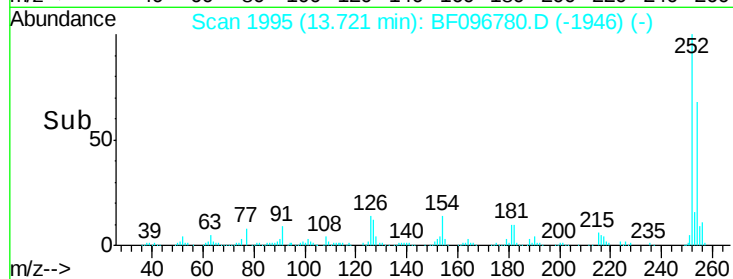
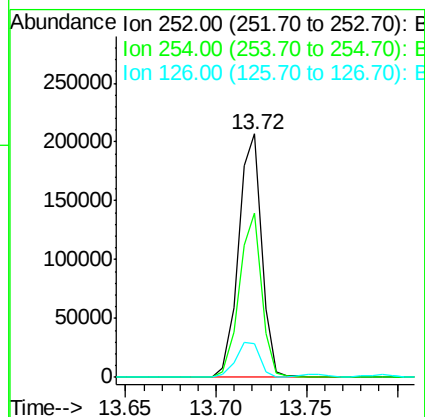
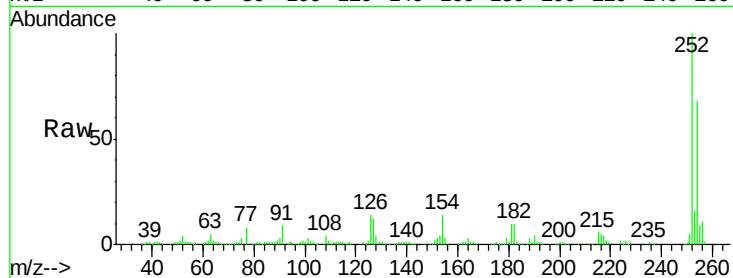




#81
 3,3'-Dichlorobenzidine
 Concen: 38.67 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

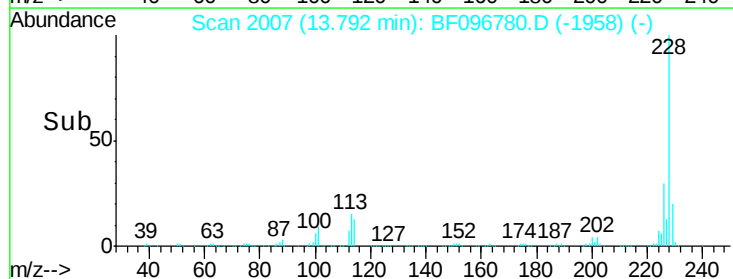
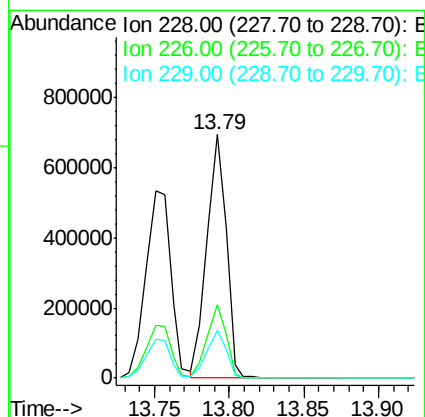
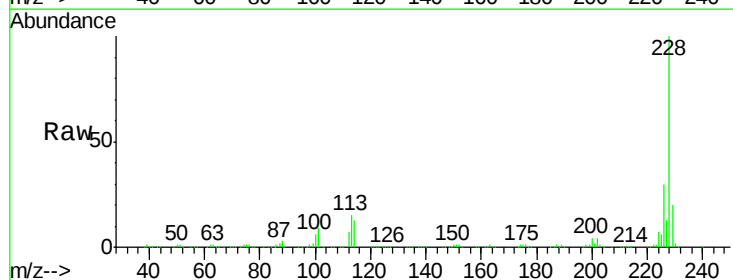
Instrument :
 BNA_F
 ClientSampleId :

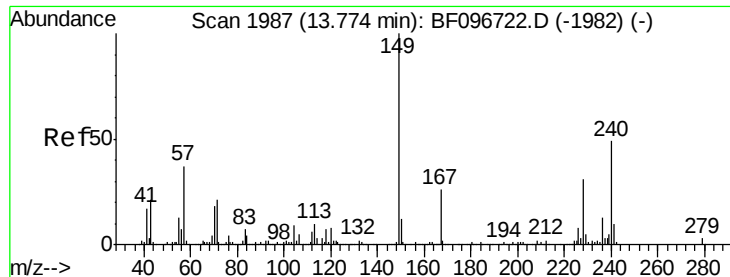
Tot Ion:252 Resp: 183403
 Ion Ratio Lower Upper
 252 100
 254 67.7 51.5 77.3
 126 13.9 15.8 23.8#



#82
 Chrysene
 Concen: 48.03 ng
 RT: 13.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:228 Resp: 623492
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.7 15.8 23.6

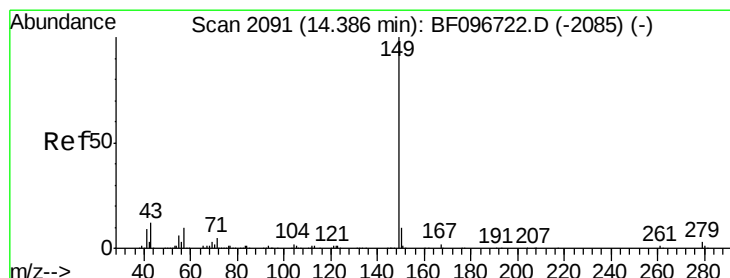
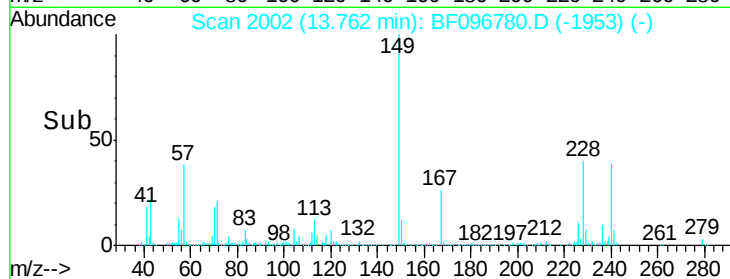
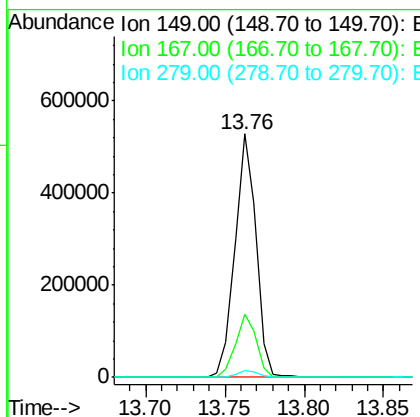
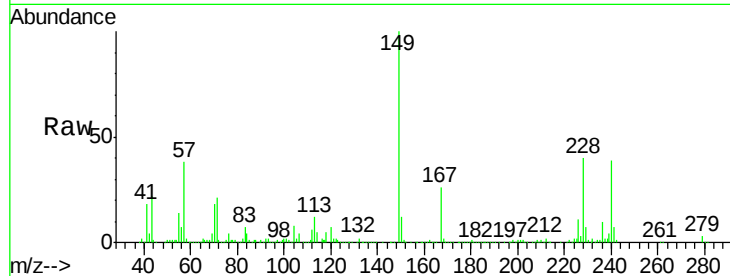




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.91 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

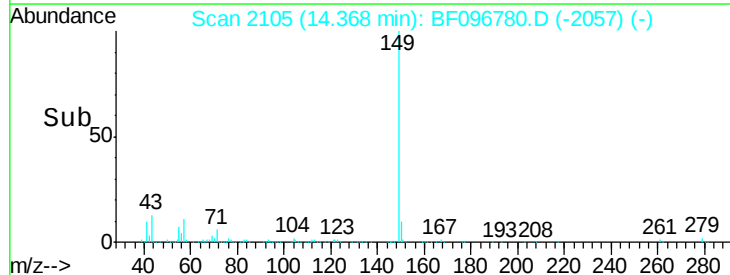
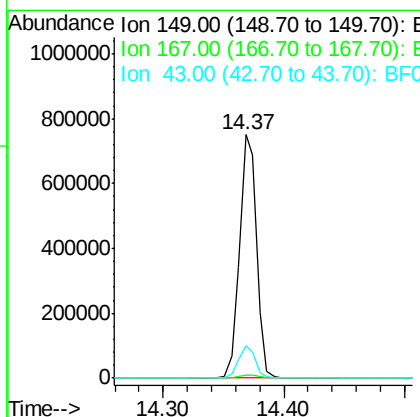
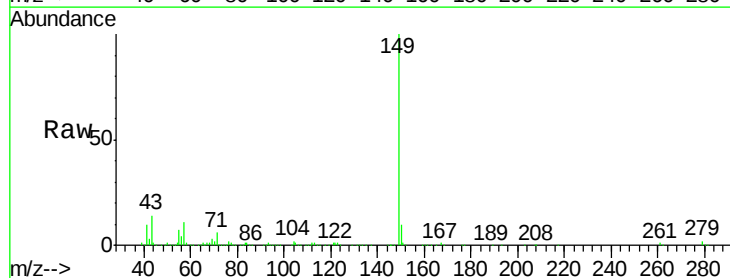
Instrument :
 BNA_F
 ClientSampleId :

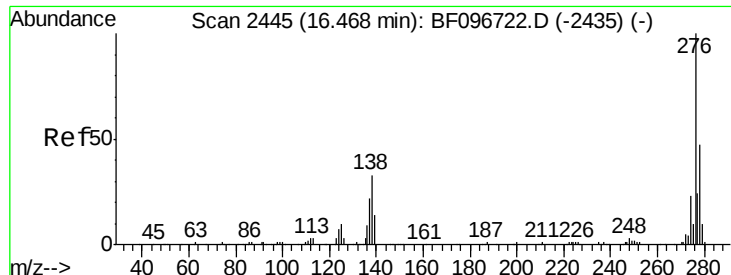
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	2.6	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 40.12 ng
 RT: 14.37 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	12.9	8.5	12.7#

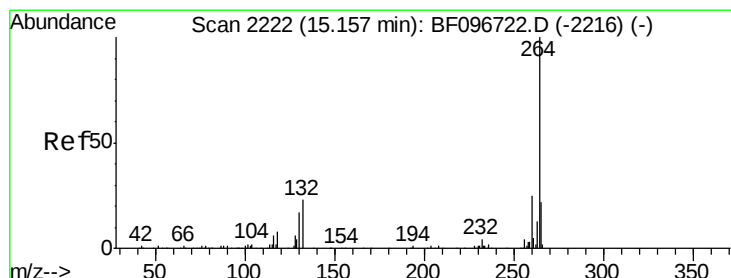
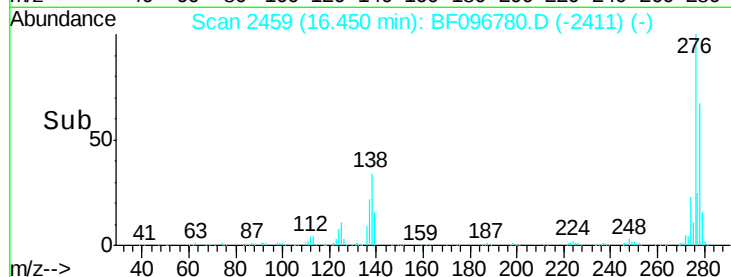
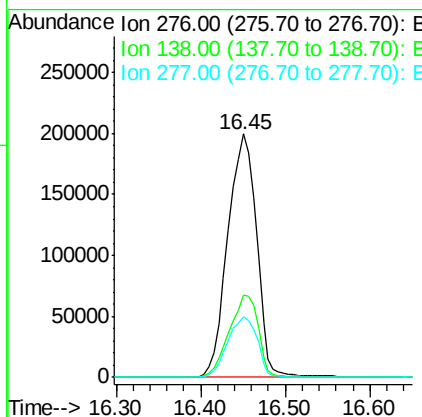
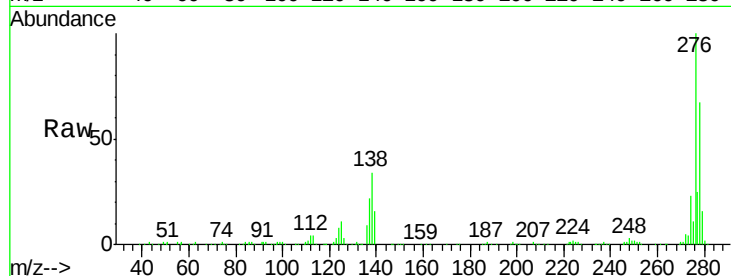




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.02 ng
 RT: 16.45 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

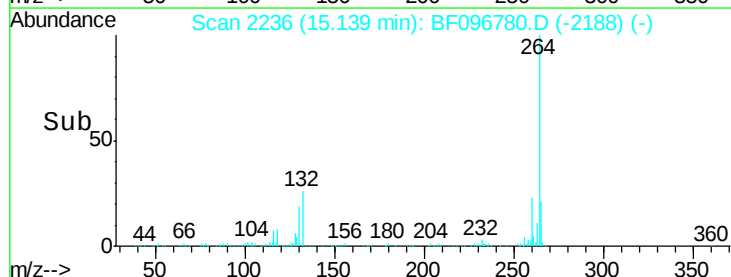
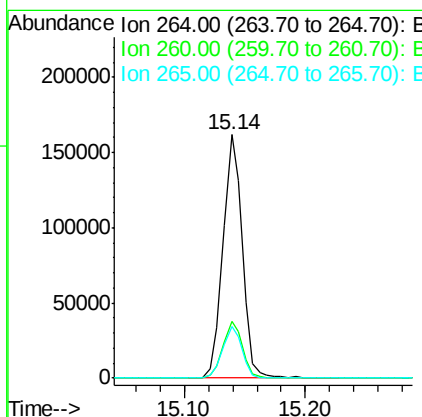
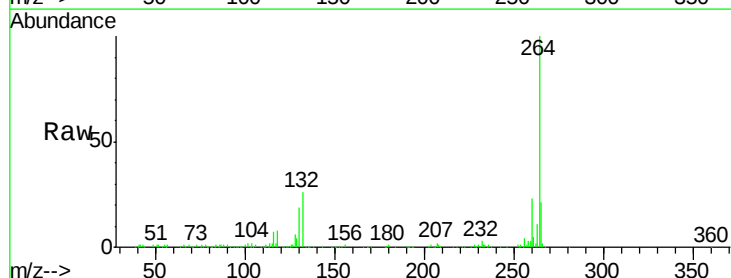
Instrument :
 BNA_F
 ClientSampled :

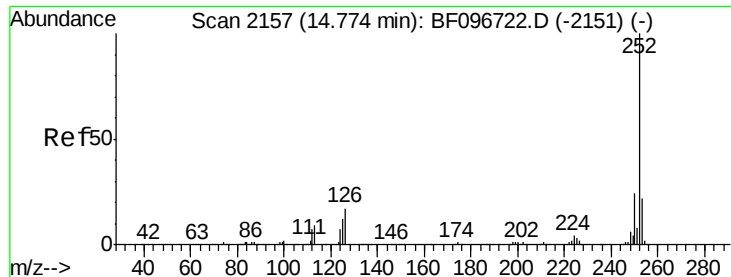
Tot Ion:276 Resp: 470388
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096780.D
 Acq: 14 Jul 2017 19:14

Tgt Ion:264 Resp: 178467
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.65 ng

RT: 14.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampled :

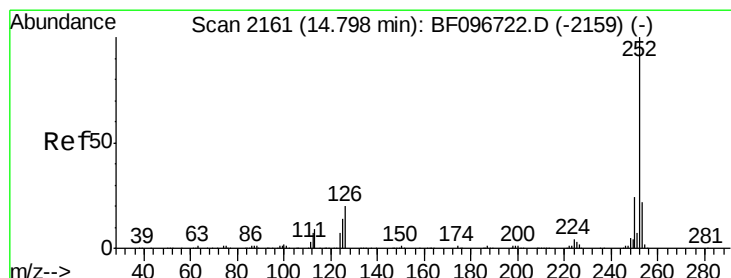
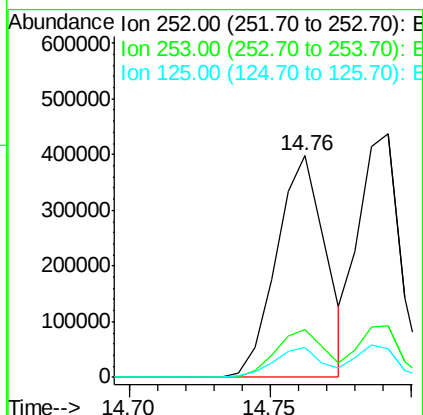
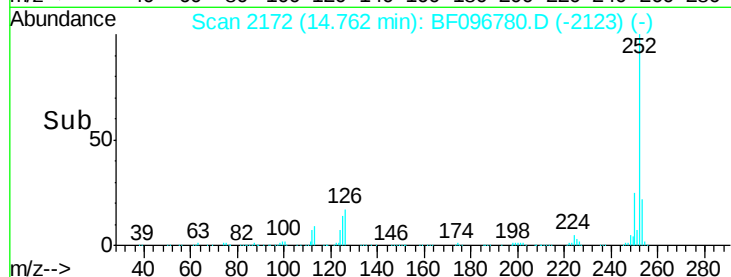
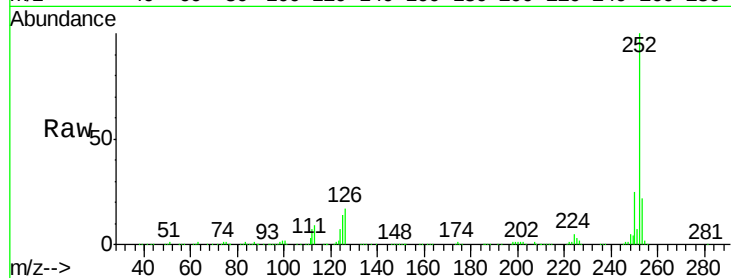
Tot Ion:252 Resp: 480573

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

125 13.6 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 47.15 ng

RT: 14.76 min Scan# 2172

Delta R.T. -0.04 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

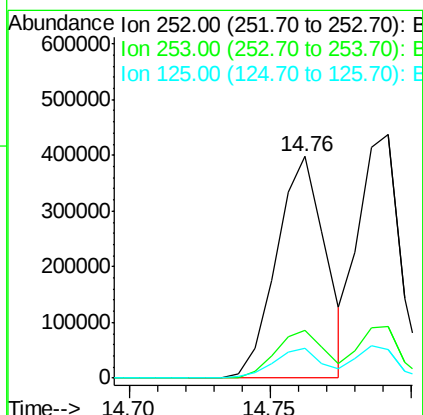
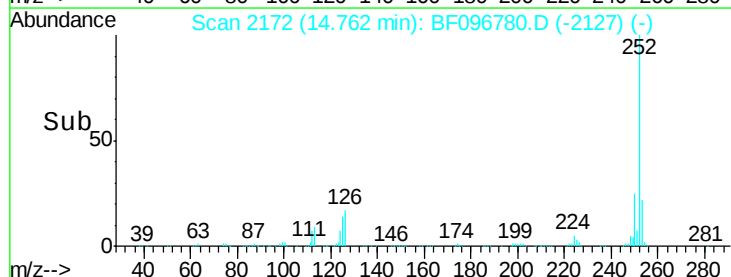
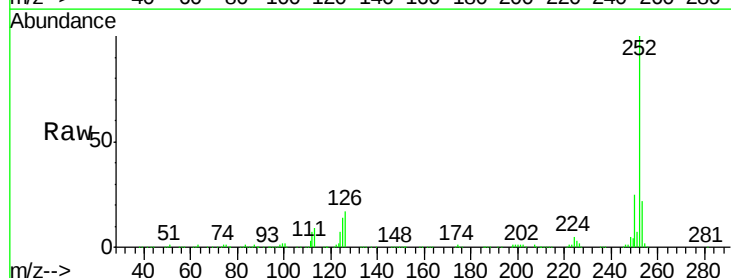
Tgt Ion:252 Resp: 480573

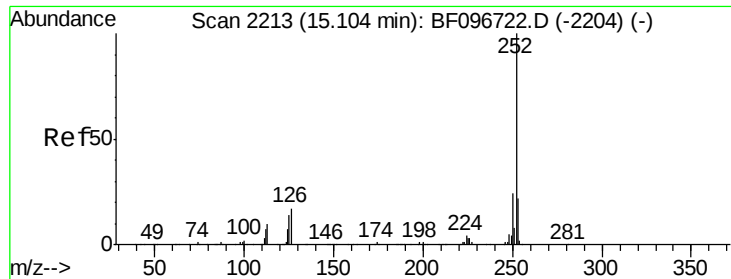
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 46.23 ng

RT: 15.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

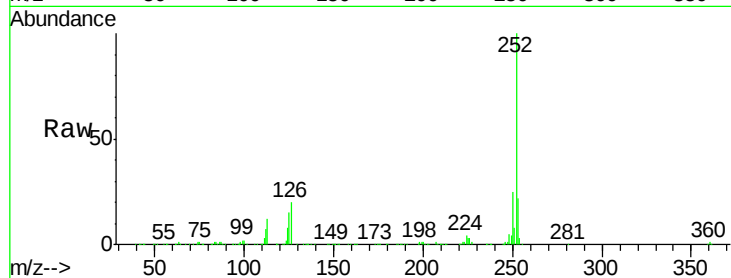
Tot Ion:252 Resp: 456430

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

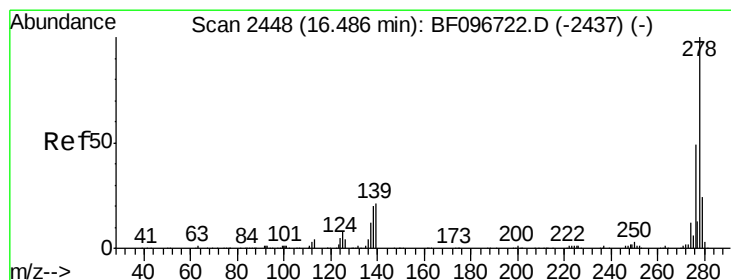
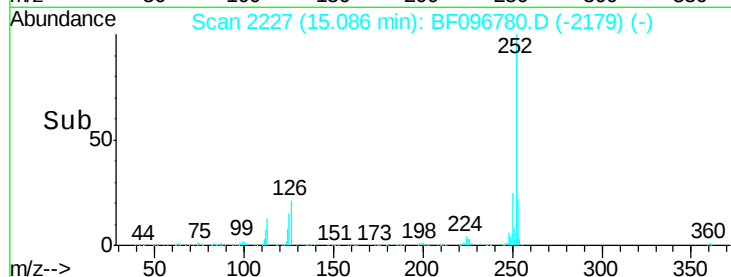
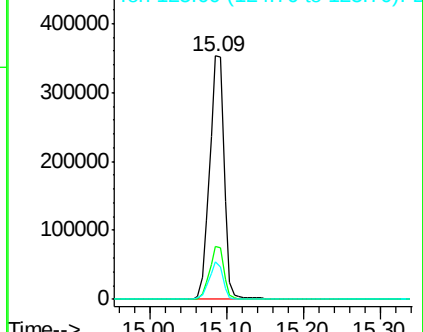
125 15.2 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.47 ng

RT: 16.46 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

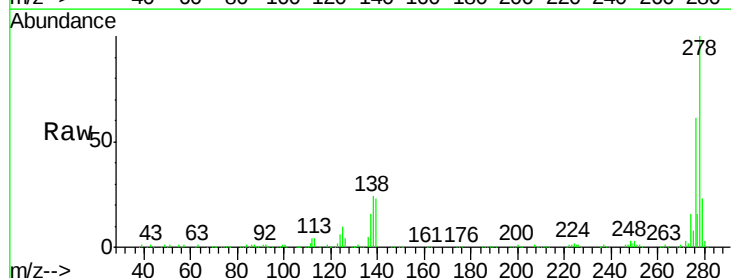
Tgt Ion:278 Resp: 385767

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

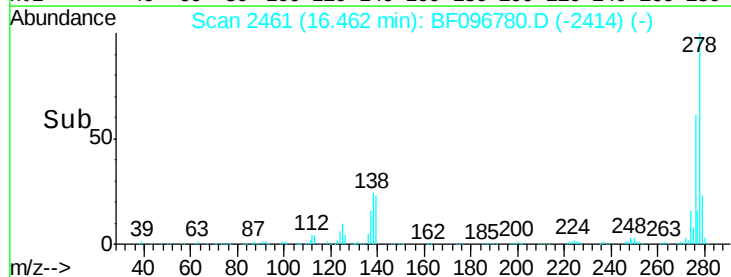
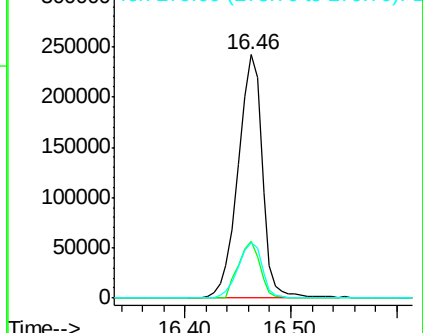
279 22.8 19.3 28.9

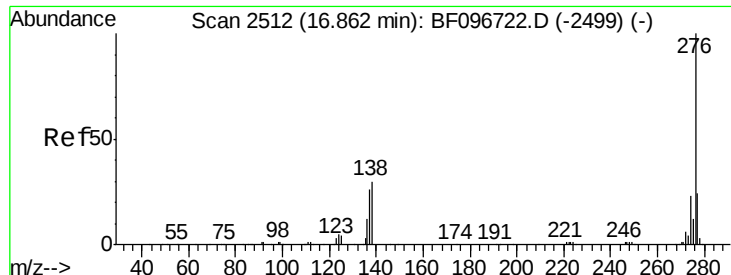


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.60 ng

RT: 16.84 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF096780.D

Acq: 14 Jul 2017 19:14

Instrument :

BNA_F

ClientSampleId :

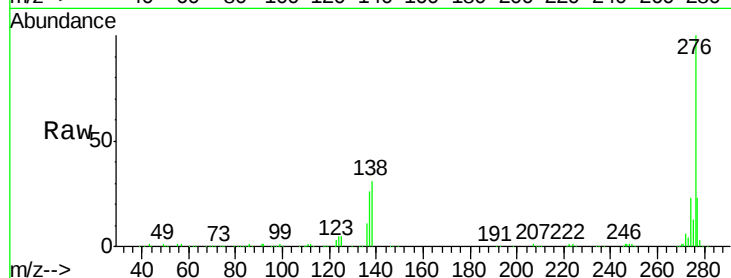
Tot Ion:276 Resp: 414389

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 30.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

