

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096180.D
 Acq On : 24 Jun 2017 9:36
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:18:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	70869	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	299834	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	141306	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	254444	20.00	ng	-0.03
75) Chrysene-d12	18.26	240	210836	20.00	ng	-0.02
86) Perylene-d12	19.93	264	181485	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	376950	84.76	ng	-0.04
7) Phenol-d6	6.85	99	436987	82.07	ng	-0.03
23) Nitrobenzene-d5	8.19	82	392622	81.32	ng	-0.03
41) 2,4,6-Tribromophenol	13.42	330	101528	81.21	ng	-0.03
44) 2-Fluorobiphenyl	11.08	172	783350	77.14	ng	-0.03
78) Terphenyl-d14	16.90	244	683198	80.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.58	88	87934	41.56	ng	87
3) Pyridine	2.10	79	198139	39.85	ng	98
4) n-Nitrosodimethylamine	2.08	42	75659	40.02	ng	81
6) Aniline	6.76	93	292137	41.94	ng	94
8) 2-Chlorophenol	6.95	128	199824	42.26	ng	96
9) Benzaldehyde	6.57	77	131621	36.65	ng	99
10) Phenol	6.86	94	241702	43.76	ng	91
11) bis(2-Chloroethyl)ether	6.91	93	188793	43.15	ng	97
12) 1,3-Dichlorobenzene	7.16	146	220787	41.25	ng	96
13) 1,4-Dichlorobenzene	7.29	146	231505	42.65	ng	95
14) 1,2-Dichlorobenzene	7.52	146	214656	42.90	ng	96
15) Benzyl Alcohol	7.58	79	156741	42.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.76	45	256433	41.71	ng	98
17) 2-Methylphenol	7.82	107	165270	41.65	ng	97
18) Hexachloroethane	8.03	117	77351	43.15	ng	# 85
19) n-Nitroso-di-n-propylamine	8.01	70	144511	42.83	ng	93
20) 3+4-Methylphenols	8.08	107	230593	45.77	ng	# 59
22) Acetophenone	7.96	105	284191	40.50	ng	# 83
24) Nitrobenzene	8.22	77	206414	40.02	ng	93
25) Isophorone	8.62	82	359721	39.90	ng	97
26) 2-Nitrophenol	8.73	139	111905	41.44	ng	97
27) 2,4-Dimethylphenol	8.89	122	171982	41.04	ng	98
28) bis(2-Chloroethoxy)methane	9.00	93	243814	41.03	ng	98
29) 2,4-Dichlorophenol	9.17	162	157806	39.10	ng	97
30) 1,2,4-Trichlorobenzene	9.23	180	168704	40.17	ng	99
31) Naphthalene	9.33	128	608834	40.46	ng	100
32) Benzoic acid	9.28	122	80297	32.51	ng	93
33) 4-Chloroaniline	9.49	127	245897	41.81	ng	# 92
34) Hexachlorobutadiene	9.55	225	86897	40.04	ng	98
35) Caprolactam	10.14	113	52882	44.03	ng	86
36) 4-Chloro-3-methylphenol	10.38	107	173498	41.06	ng	89
37) 2-Methylnaphthalene	10.46	142	423238	41.63	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	167286	39.56	ng	98
40) Hexachlorocyclopentadiene	10.71	237	36710	35.04	ng	95

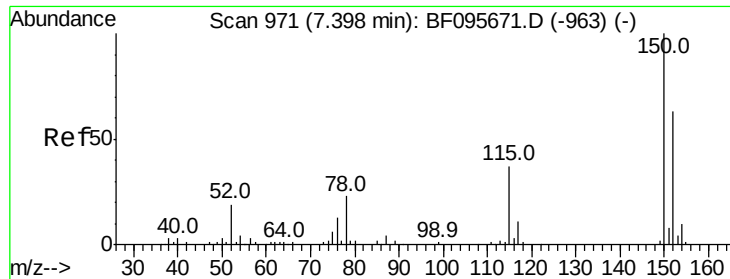
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096180.D
 Acq On : 24 Jun 2017 9:36
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Quant Time: Jun 26 01:18:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.98	196	105169	38.68	nq	96
43) 2,4,5-Trichlorophenol	11.08	196	102852	35.56	nq	96
45) 1,1'-Biphenyl	11.23	154	458290	39.35	nq	97
46) 2-Chloronaphthalene	11.24	162	354745	38.98	nq	94
47) 2-Nitroaniline	11.47	65	104477	39.23	nq	# 79
48) Acenaphthylene	11.89	152	581980	37.40	nq	97
49) Dimethylphthalate	11.79	163	417926	38.95	nq	99
50) 2,6-Dinitrotoluene	11.89	165	88686	37.90	nq	# 65
51) Acenaphthene	12.17	154	350376	38.99	nq	98
52) 3-Nitroaniline	12.16	138	108979	39.97	nq	94
53) 2,4-Dinitrophenol	12.41	184	27239	25.37	nq	# 74
54) Dibenzofuran	12.46	168	495850	39.20	nq	98
55) 4-Nitrophenol	12.63	139	39463	27.98	nq	# 83
56) 2,4-Dinitrotoluene	12.57	165	133085	42.10	nq	95
57) Fluorene	13.02	166	439182	39.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.72	232	71127	35.94	nq	# 91
59) Diethylphthalate	12.93	149	416157	40.30	nq	99
60) 4-Chlorophenyl-phenylether	13.04	204	189620	39.61	nq	91
61) 4-Nitroaniline	13.16	138	104410	41.01	nq	96
62) Azobenzene	13.30	77	370297	39.57	nq	95
64) 4,6-Dinitro-2-methylphenol	13.24	198	62405	37.31	nq	# 63
65) n-Nitrosodiphenylamine	13.26	169	357994	39.16	nq	99
66) 4-Bromophenyl-phenylether	13.82	248	107566	40.68	nq	96
67) Hexachlorobenzene	13.91	284	107029	41.07	nq	# 91
68) Atrazine	14.19	200	97946	38.49	nq	97
69) Pentachlorophenol	14.29	266	20191	25.35	nq	88
70) Phenanthrene	14.55	178	590850	40.25	nq	99
71) Anthracene	14.64	178	621656	40.56	nq	98
72) Carbazole	14.94	167	621293	41.60	nq	98
73) Di-n-butylphthalate	15.53	149	674594	42.45	nq	97
74) Fluoranthene	16.34	202	615610	42.37	nq	99
76) Benzidine	16.58	184	344092	42.49	nq	# 93
77) Pyrene	16.64	202	631591	40.15	nq	99
79) Butylbenzylphthalate	17.57	149	280940	40.89	nq	89
80) Benzo(a)anthracene	18.24	228	495549	40.43	nq	98
81) 3,3'-Dichlorobenzidine	18.23	252	181891	41.74	nq	# 98
82) Chrysene	18.29	228	487442	39.79	nq	100
83) Bis(2-ethylhexyl)phthalate	18.33	149	401295	41.41	nq	# 99
84) Di-n-octyl phthalate	19.09	149	652445	40.85	nq	96
85) Indeno(1,2,3-cd)pyrene	21.08	276	382638	36.51	nq	99
87) Benzo(b)fluoranthene	19.52	252	448307	39.45	nq	98
88) Benzo(k)fluoranthene	19.52	252	448307	41.27	nq	95
89) Benzo(a)pyrene	19.87	252	418405	40.06	nq	98
90) Dibenzo(a,h)anthracene	21.07	278	327833	37.00	nq	97
91) Benzo(g,h,i)perylene	21.40	276	331023	36.65	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampled :

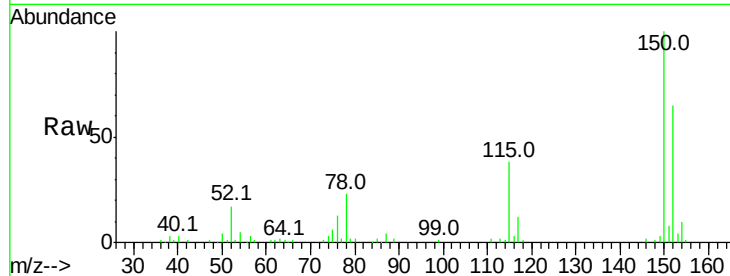
Tot Ion:152 Resp: 70869

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

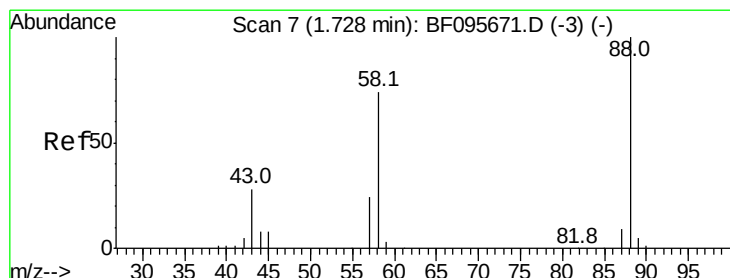
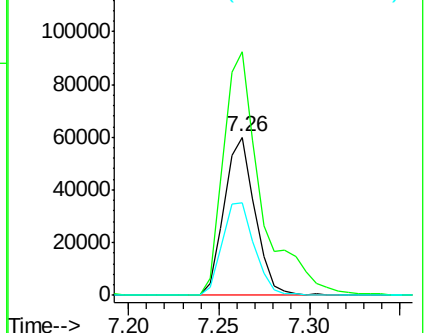
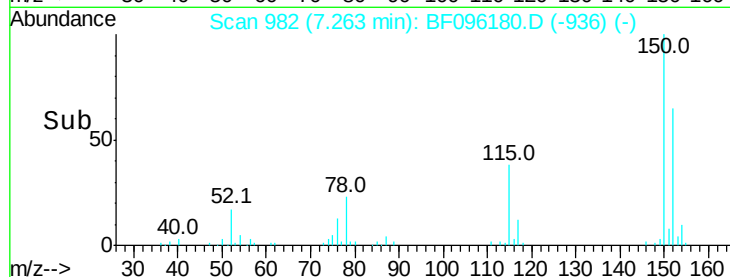
115 58.5 52.2 78.2



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



#2

1,4-Dioxane

Concen: 41.56 ng

RT: 1.58 min Scan# 16

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

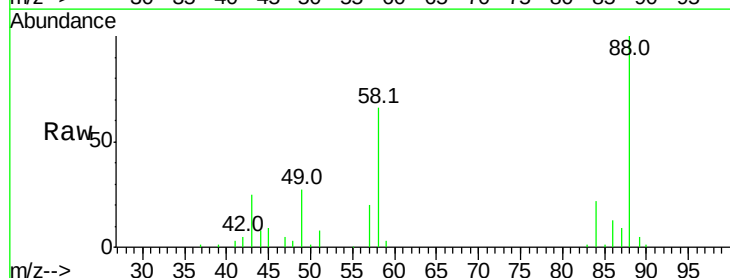
Tgt Ion: 88 Resp: 87934

Ion Ratio Lower Upper

88 100

58 63.8 61.4 92.0

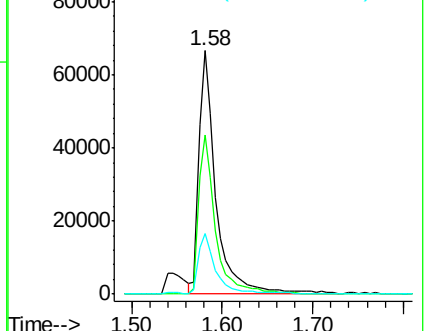
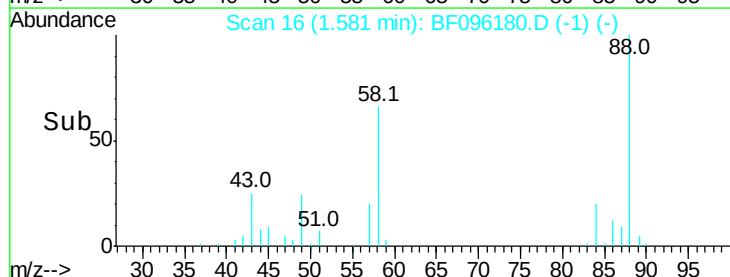
43 25.7 23.4 35.0

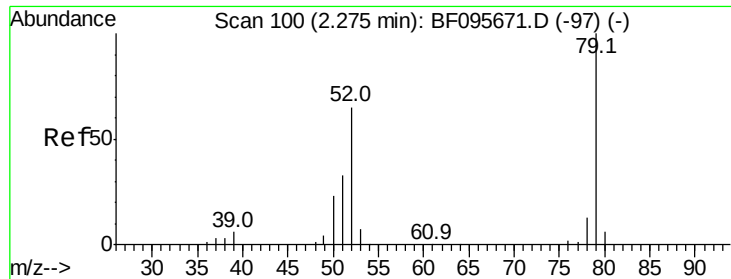


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

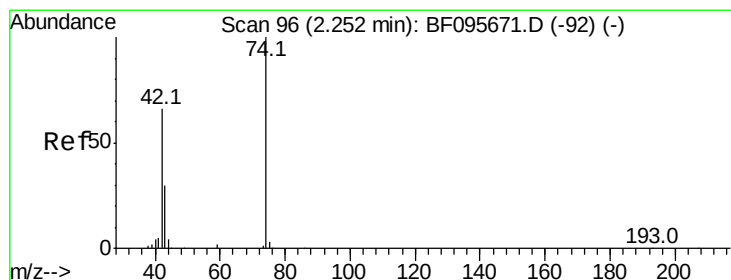
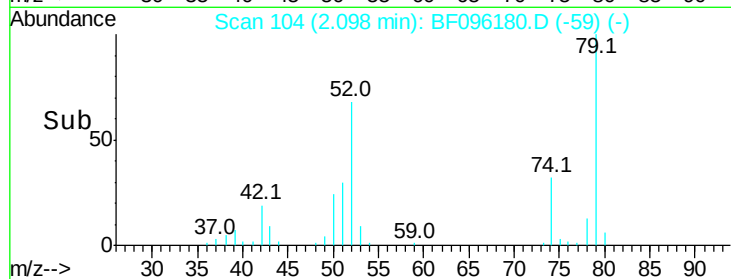
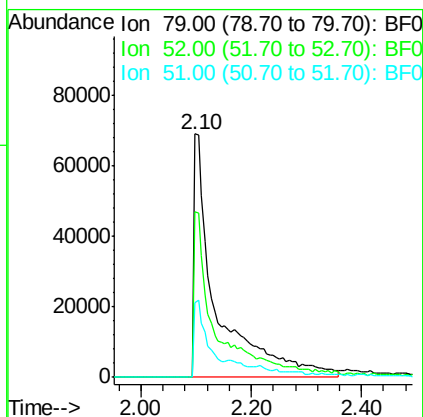
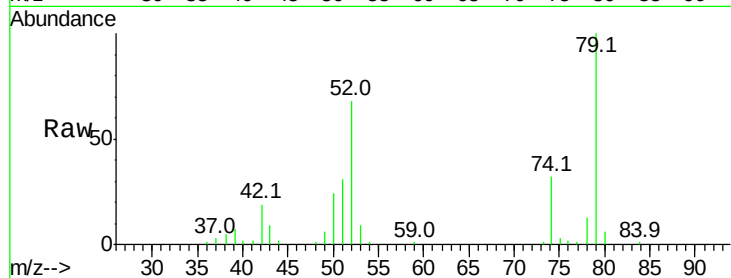




#3
 Pvridine
 Concen: 39.85 ng
 RT: 2.10 min Scan# 104
 Delta R.T. -0.04 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

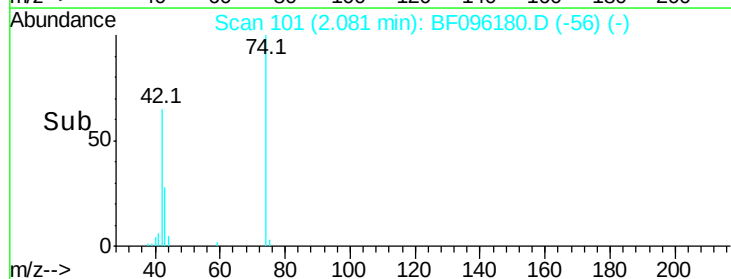
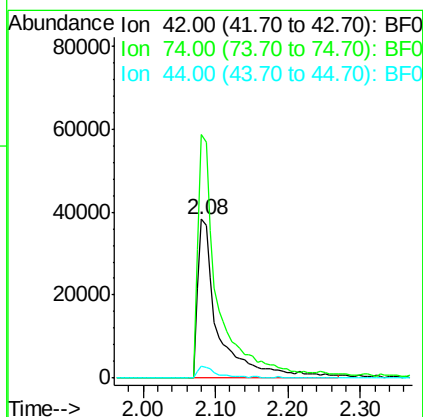
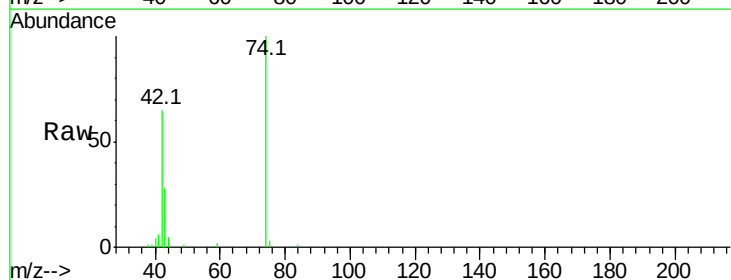
Instrument :
 BNA_F
 ClientSampled :

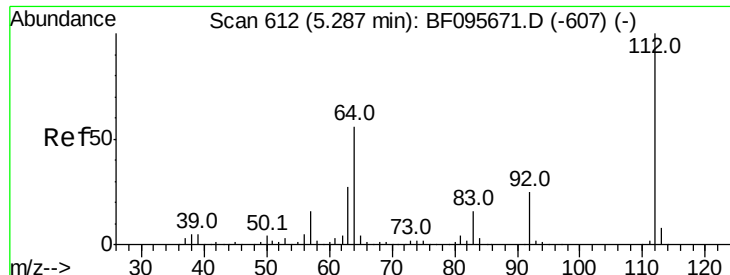
Tot Ion: 79 Resp: 198139
 Ion Ratio Lower Upper
 79 100
 52 68.1 54.8 82.2
 51 30.8 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.02 ng
 RT: 2.08 min Scan# 101
 Delta R.T. -0.04 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion: 42 Resp: 75659
 Ion Ratio Lower Upper
 42 100
 74 153.5 103.9 155.9
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 84.76 ng

RT: 5.15 min Scan# 622

Delta R.T. -0.04 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

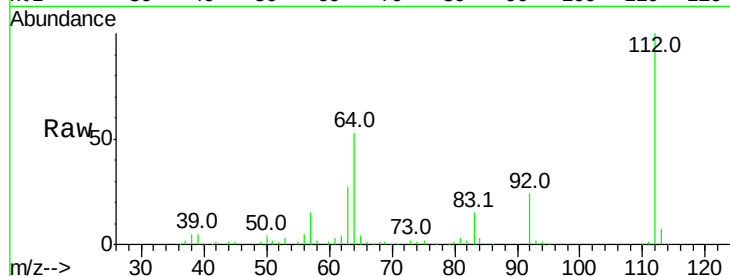
Tot Ion:112 Resp: 376950

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

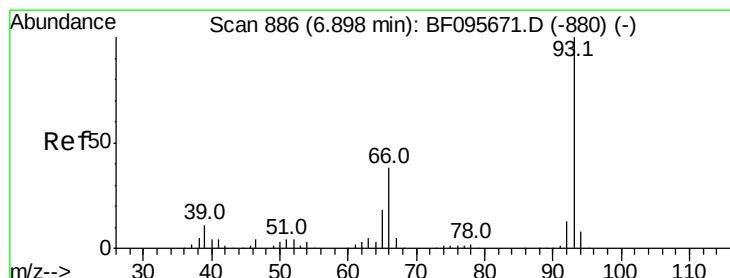
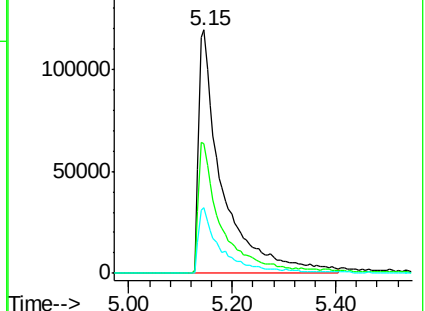
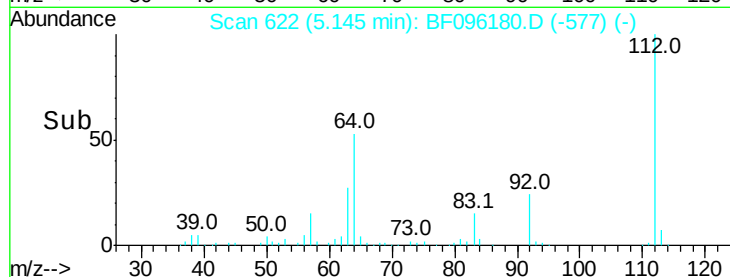
63 26.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.94 ng

RT: 6.76 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

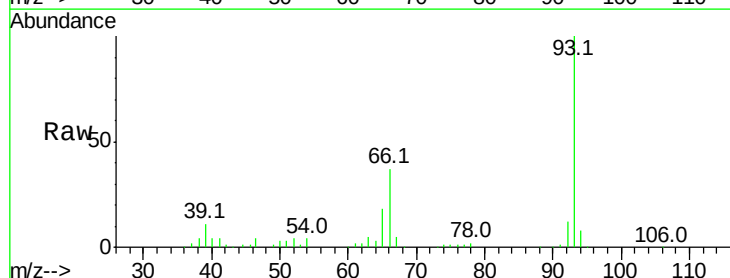
Tgt Ion: 93 Resp: 292137

Ion Ratio Lower Upper

93 100

66 36.6 32.9 49.3

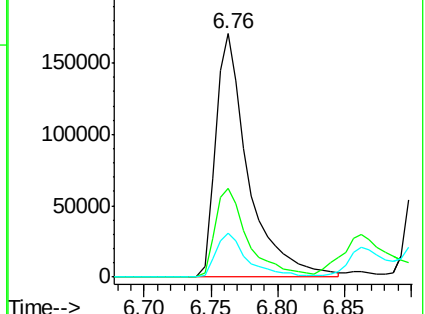
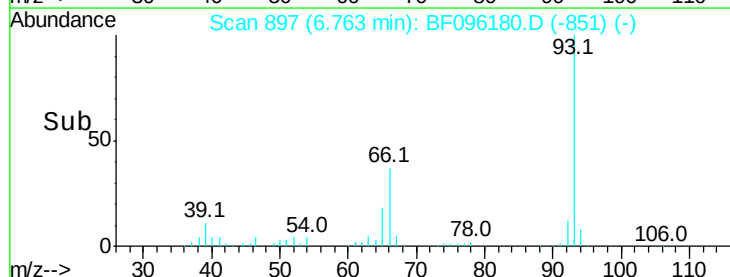
65 18.0 16.0 24.0

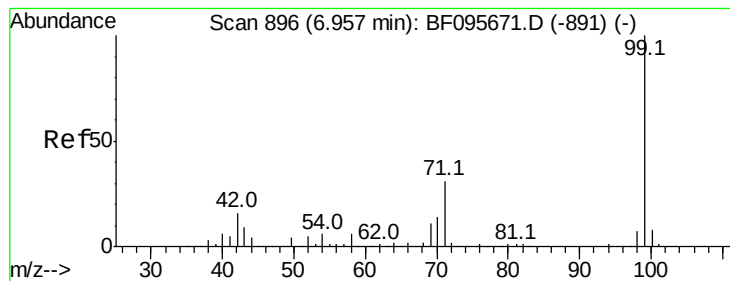


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.07 ng

RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

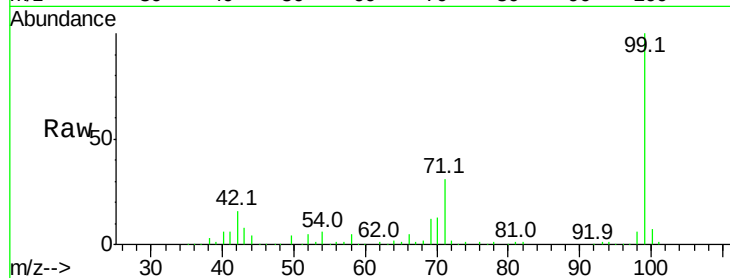
Tot Ion: 99 Resp: 436987

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

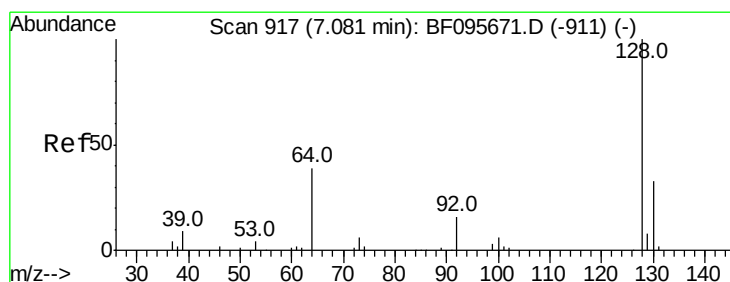
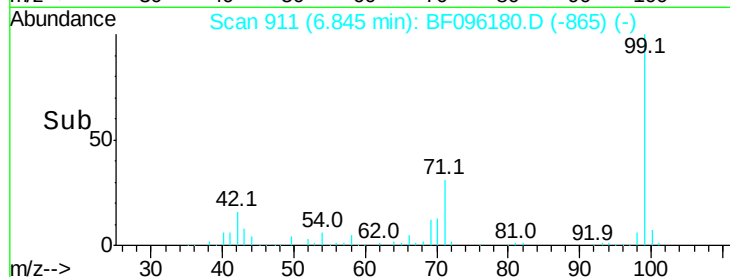
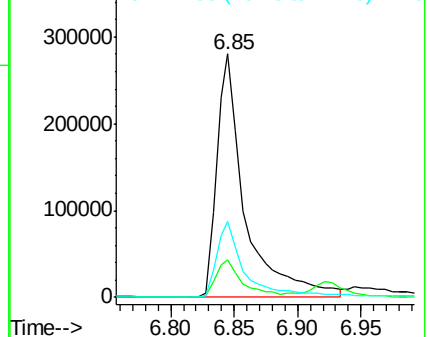
71 31.2 24.5 36.7



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: 42.26 ng

RT: 6.95 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

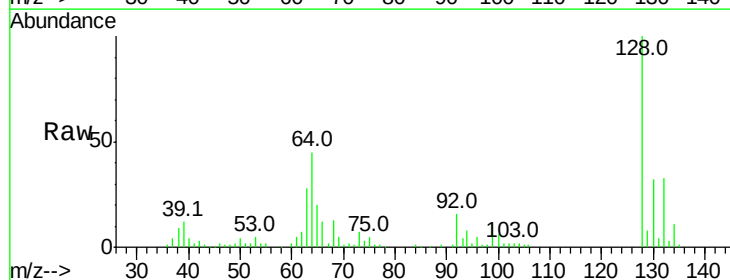
Tgt Ion:128 Resp: 199824

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

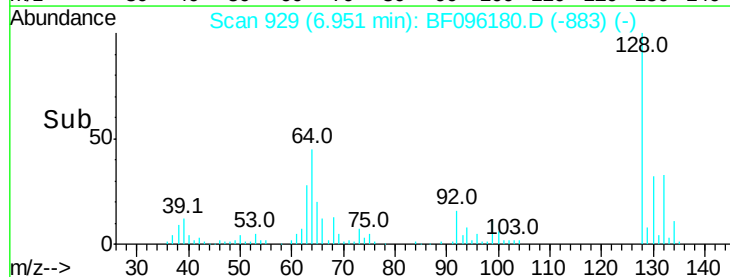
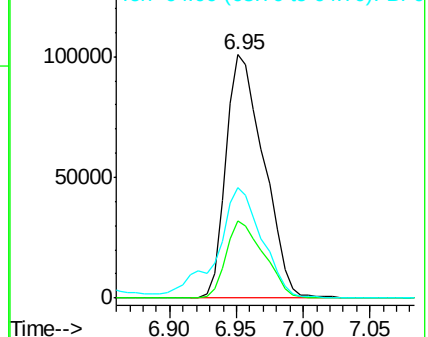
64 45.3 28.4 68.4

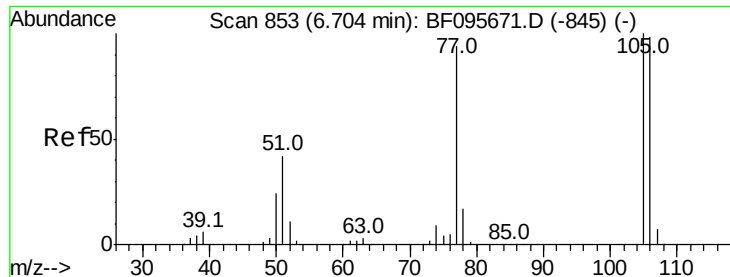


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.65 ng

RT: 6.57 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampled :

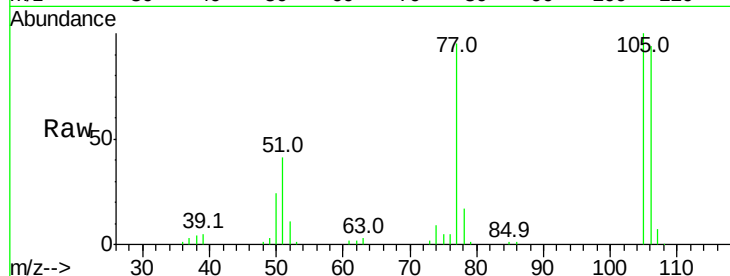
Tot Ion: 77 Resp: 131621

Ion Ratio Lower Upper

77 100

105 105.0 83.8 123.8

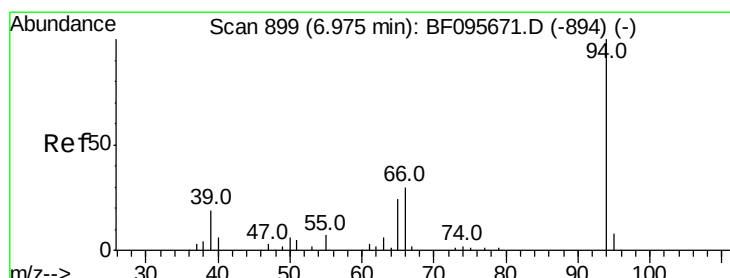
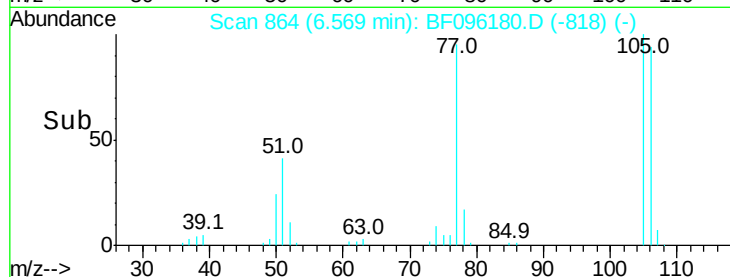
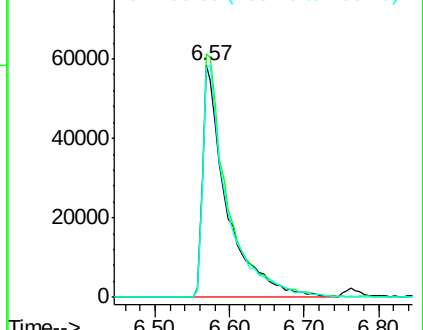
106 99.1 79.1 119.1



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: 43.76 ng

RT: 6.86 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

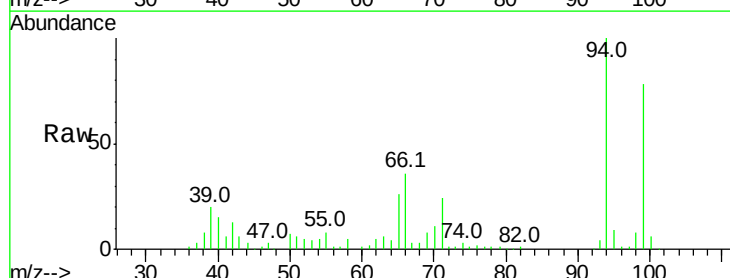
Tgt Ion: 94 Resp: 241702

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

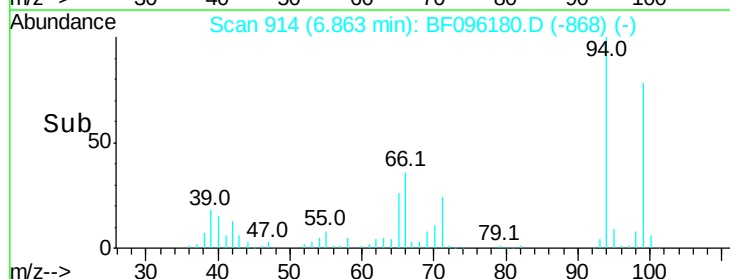
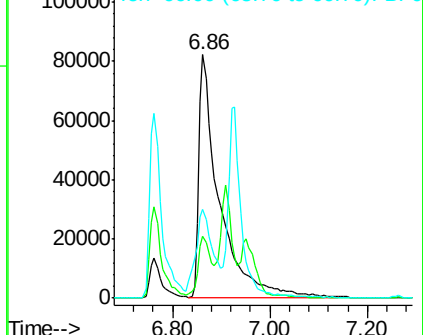
66 36.4 23.1 63.1

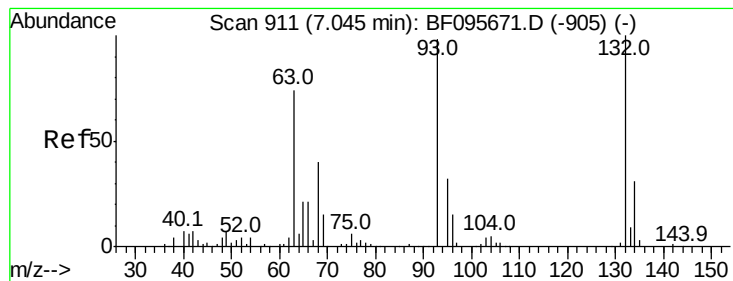


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

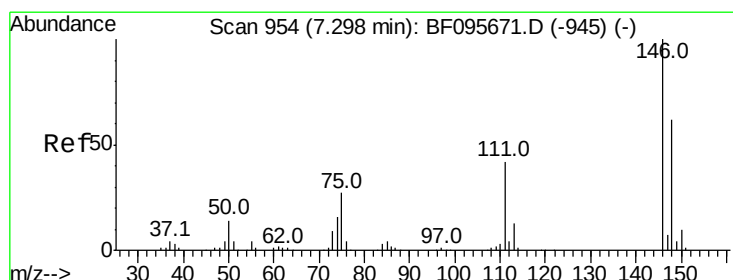
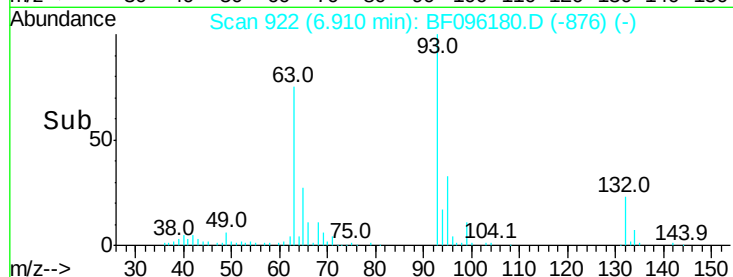
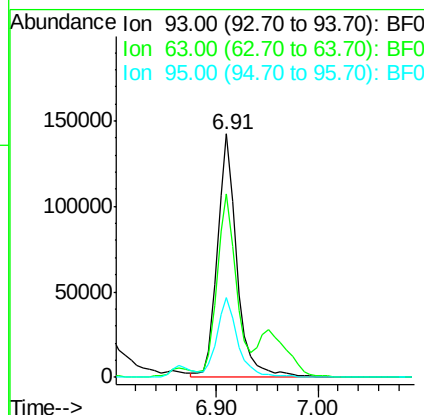
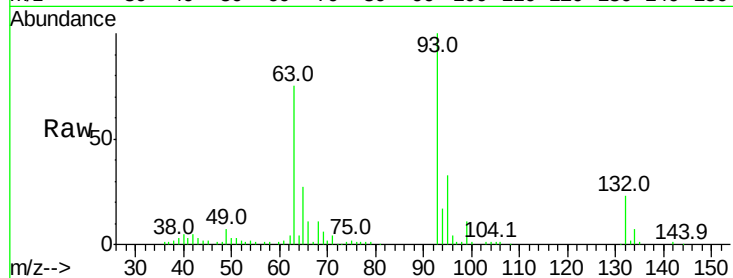




#11
bis(2-Chloroethyl)ether
Concen: 43.15 ng
RT: 6.91 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

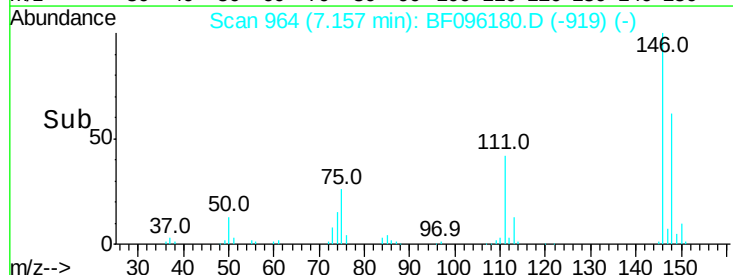
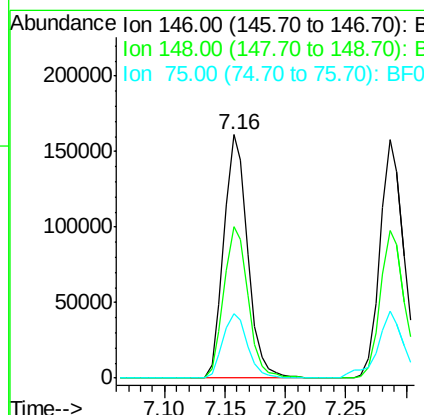
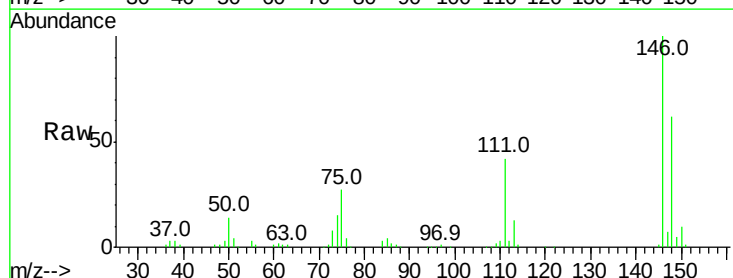
Instrument :
BNA_F
ClientSampleId :

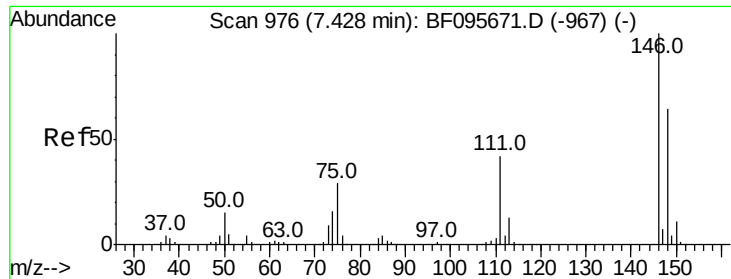
Tot Ion: 93 Resp: 188793
Ion Ratio Lower Upper
93 100
63 75.3 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.25 ng
RT: 7.16 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion: 146 Resp: 220787
Ion Ratio Lower Upper
146 100
148 62.0 51.8 77.6
75 26.7 23.1 34.7

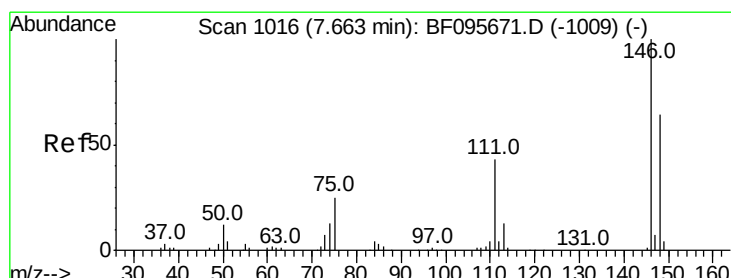
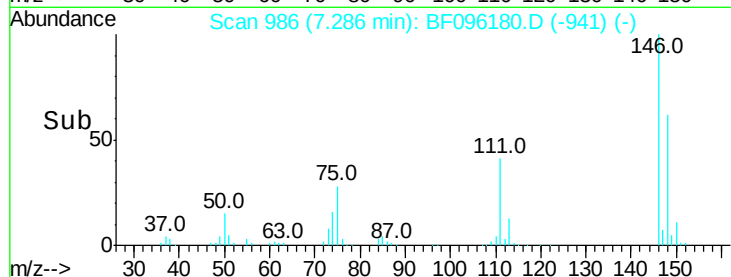
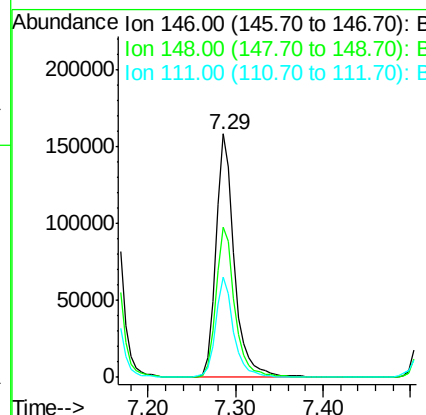
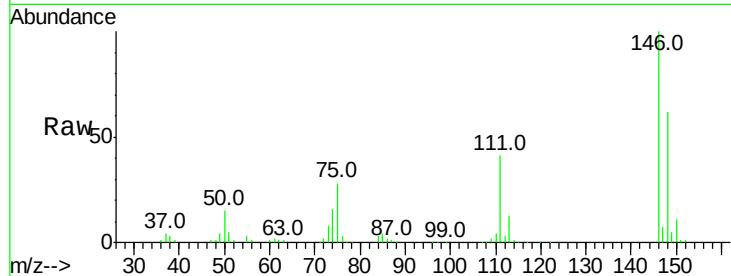




#13
 1,4-Dichlorobenzene
 Concen: 42.65 ng
 RT: 7.29 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

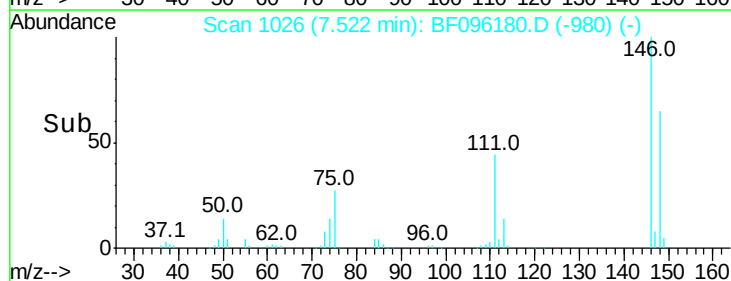
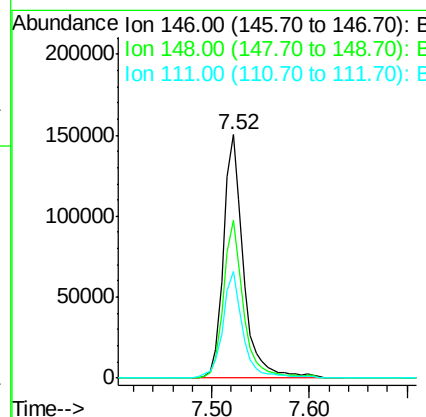
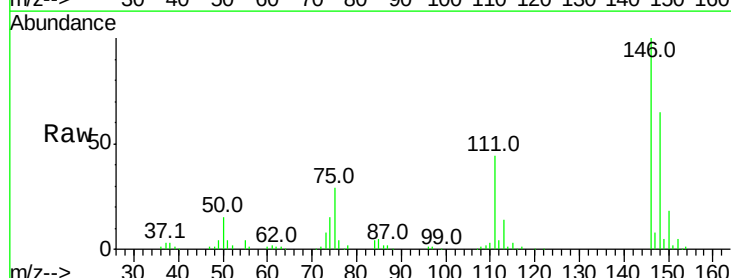
Instrument :
 BNA_F
 ClientSampleId :

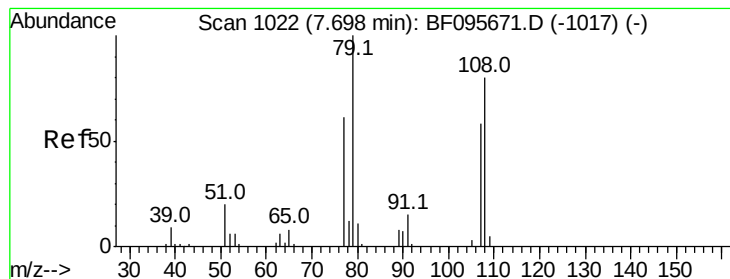
Tot Ion:146 Resp: 231505
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.2 78.2
 111 41.3 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.90 ng
 RT: 7.52 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:146 Resp: 214656
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 43.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 42.89 ng

RT: 7.58 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampled :

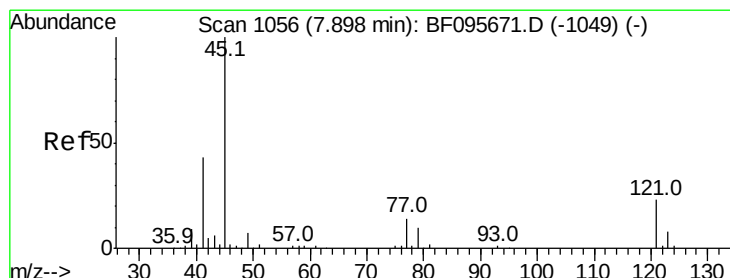
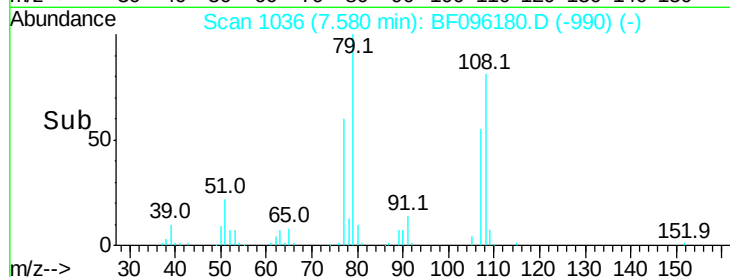
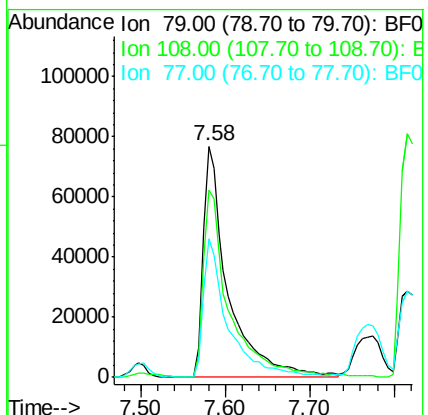
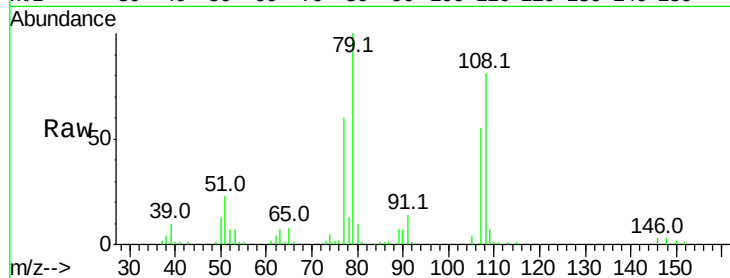
Tot Ion: 79 Resp: 156741

Ion Ratio Lower Upper

79 100

108 80.9 63.4 95.0

77 59.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.71 ng

RT: 7.76 min Scan# 1067

Delta R.T. -0.04 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

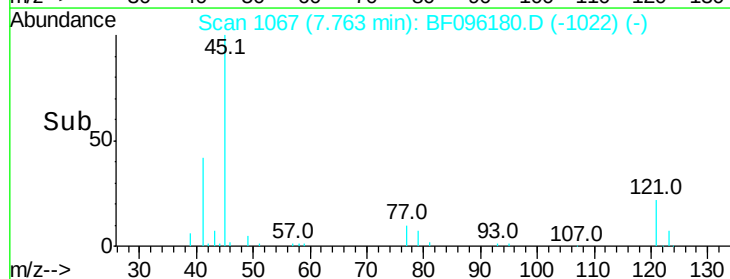
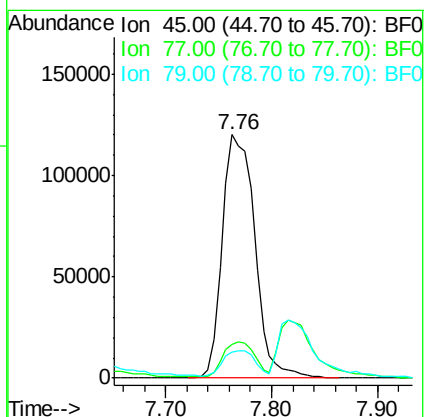
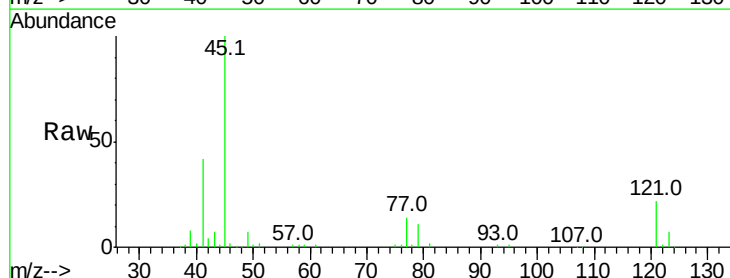
Tgt Ion: 45 Resp: 256433

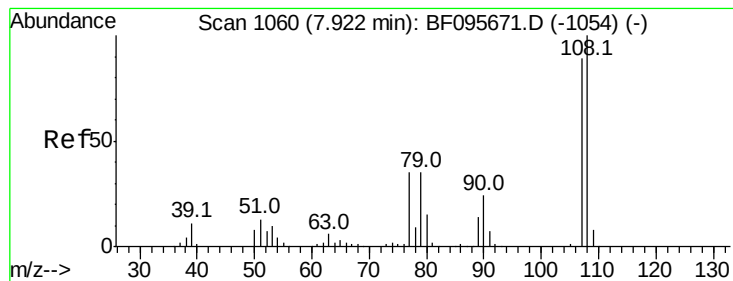
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

79 10.8 0.0 30.0

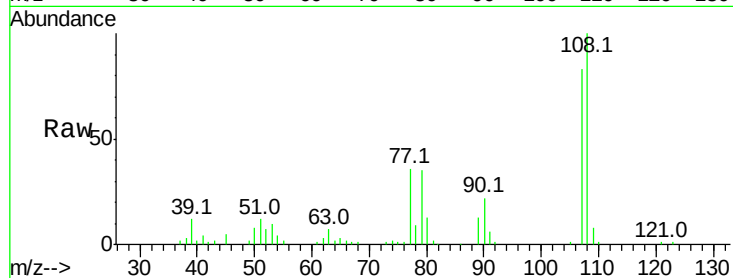




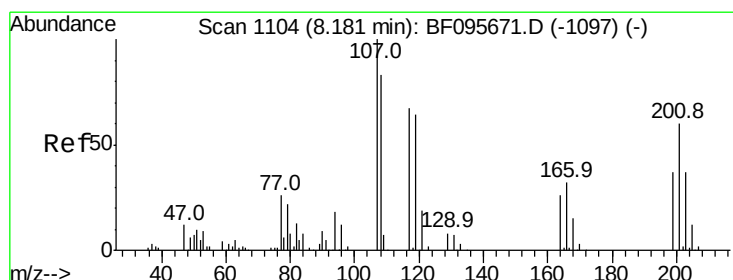
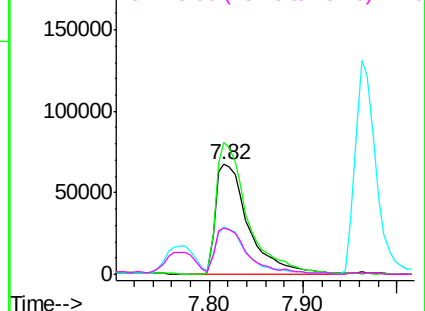
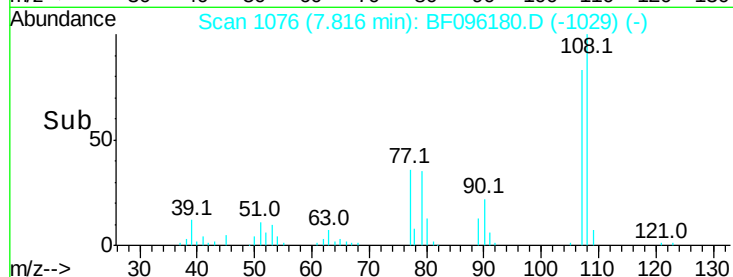
#17
2-Methylphenol
Concen: 41.65 ng
RT: 7.82 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	120.0	93.4	140.0
77	42.7	35.8	53.6
79	42.4	34.8	52.2

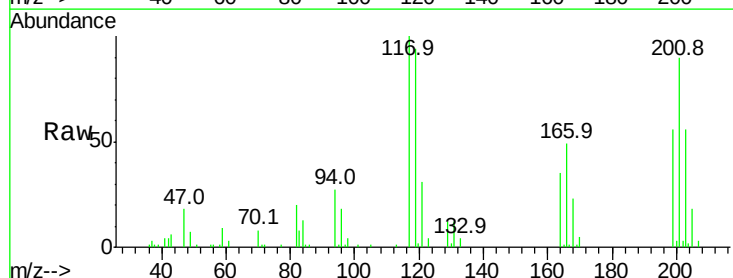


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

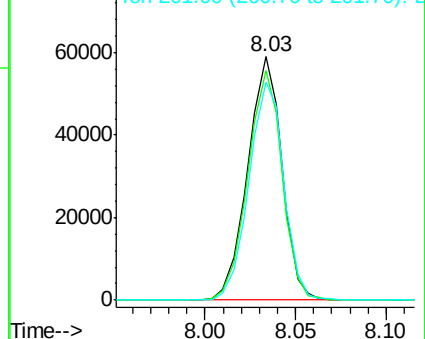
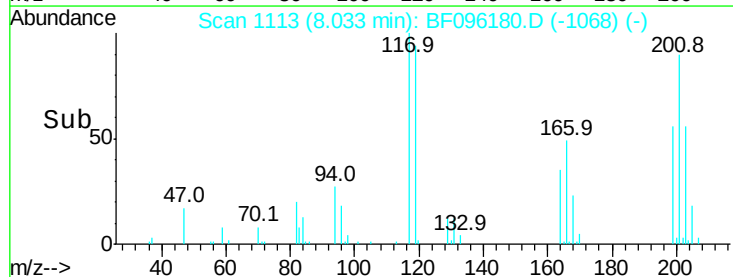


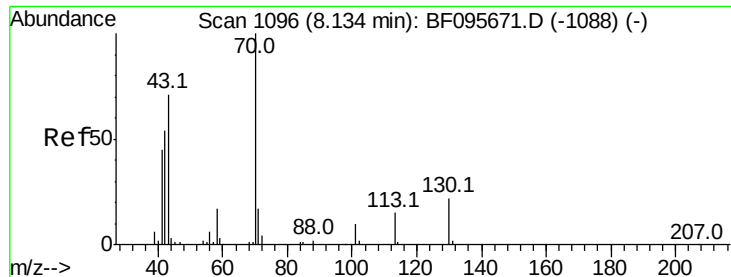
#18
Hexachloroethane
Concen: 43.15 ng
RT: 8.03 min Scan# 1113
Delta R.T. -0.04 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
201	89.7	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

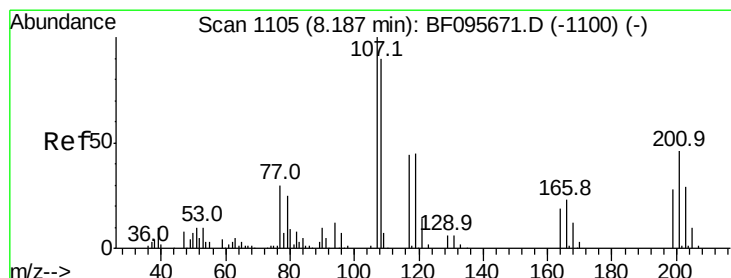
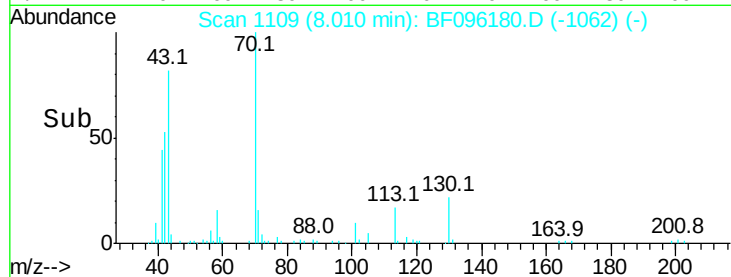
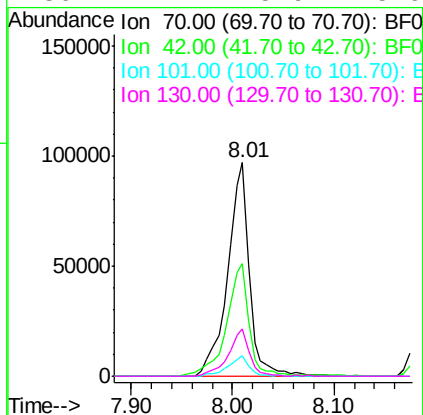
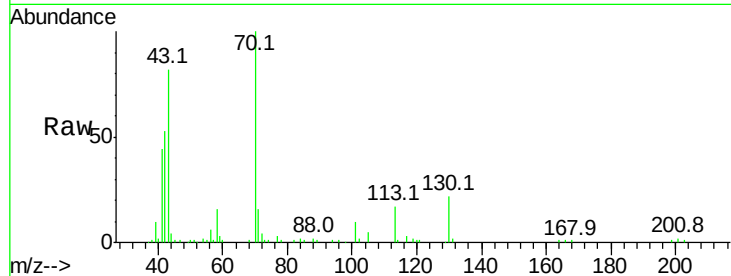




#19
n-Nitroso-di-n-propylamine
Concen: 42.83 ng
RT: 8.01 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

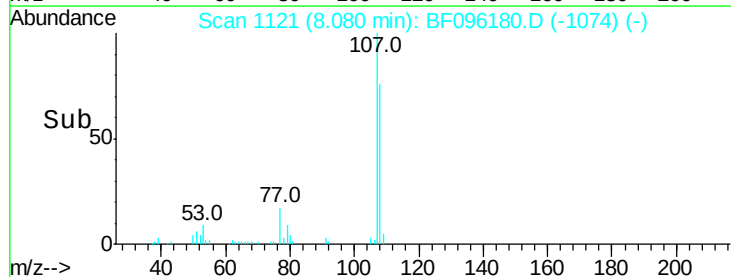
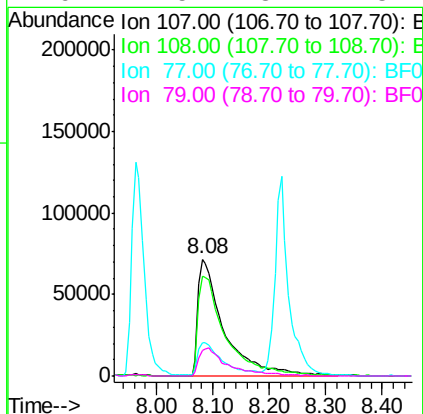
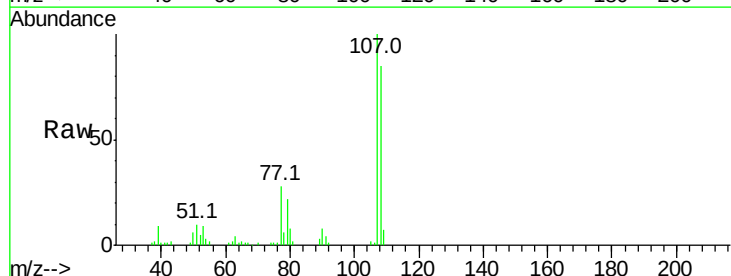
Instrument :
BNA_F
ClientSampled :

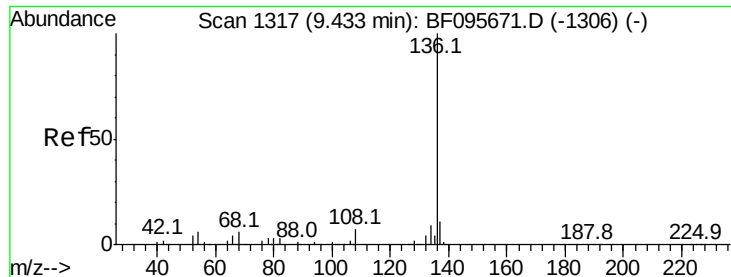
Tot Ion: 70 Resp: 144511
Ion Ratio Lower Upper
70 100
42 52.8 47.2 70.8
101 9.6 7.2 10.8
130 22.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.77 ng
RT: 8.08 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion: 107 Resp: 230593
Ion Ratio Lower Upper
107 100
108 85.4 71.0 111.0
77 28.3 90.5 130.5#
79 21.5 8.4 48.4

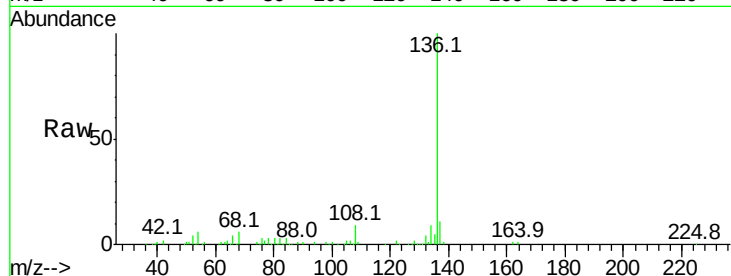




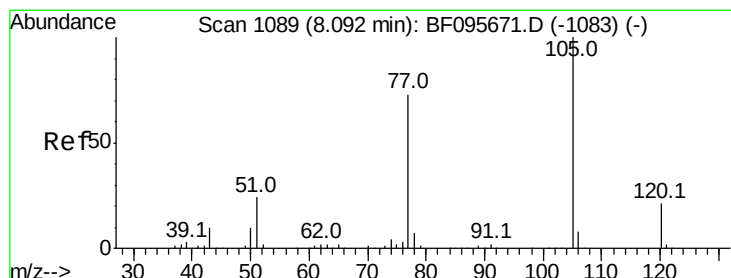
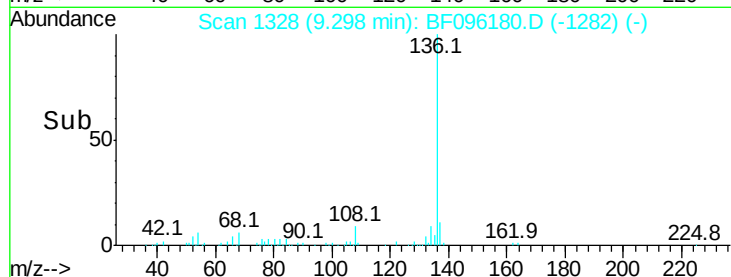
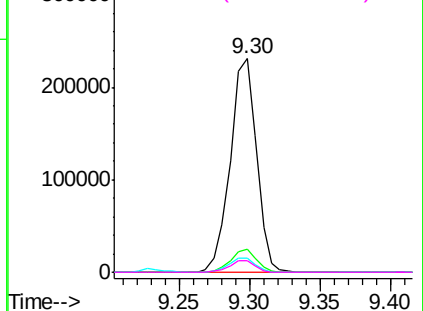
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.30 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	299834
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.4	4.9 7.3
68	5.7	4.1 6.1

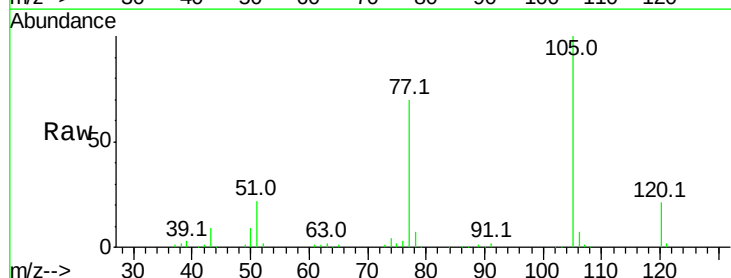


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

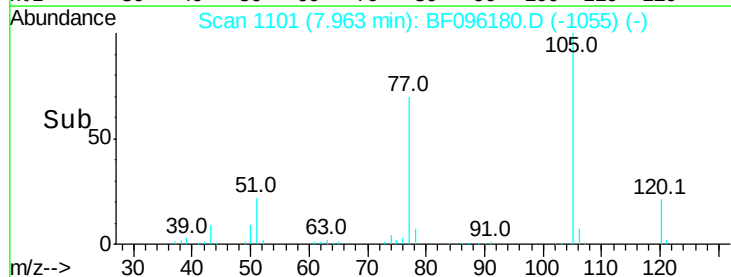
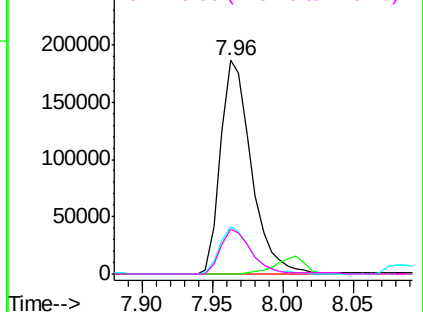


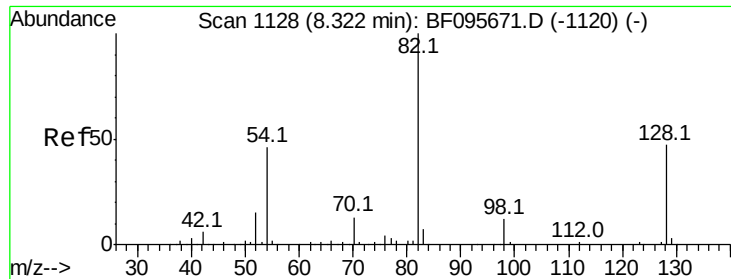
#22
Acetophenone
Concen: 40.50 ng
RT: 7.96 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:105	Resp:	284191
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.2	30.7 46.1#
120	21.3	17.4 26.0



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

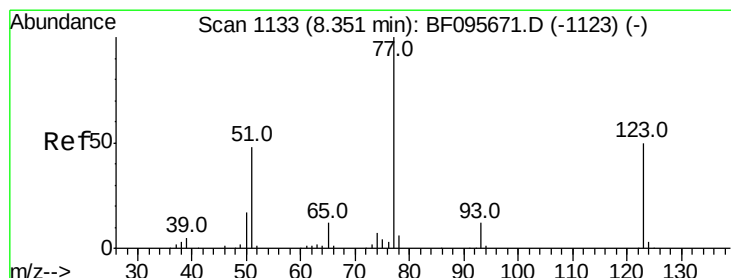
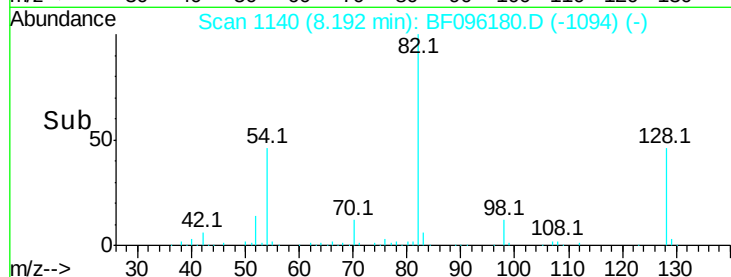
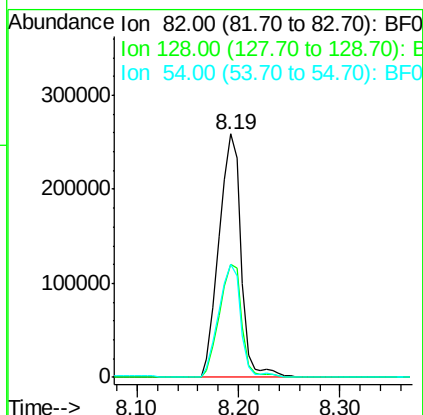
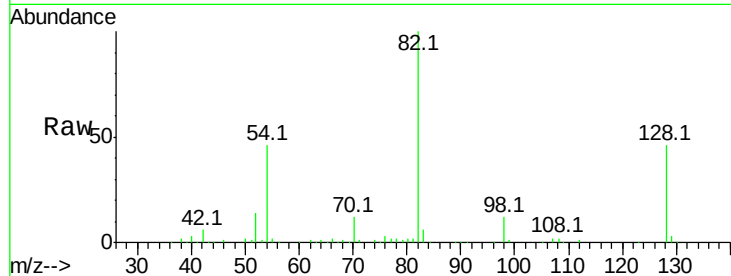




#23
Nitrobenzene-d5
Concen: 81.32 ng
RT: 8.19 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

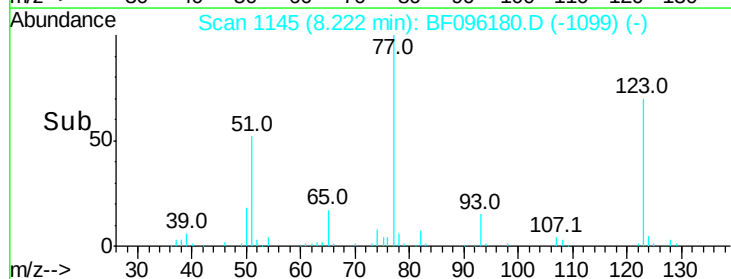
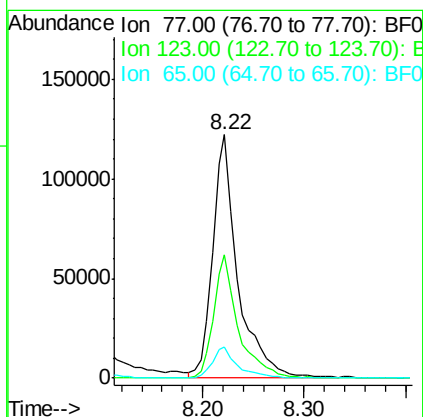
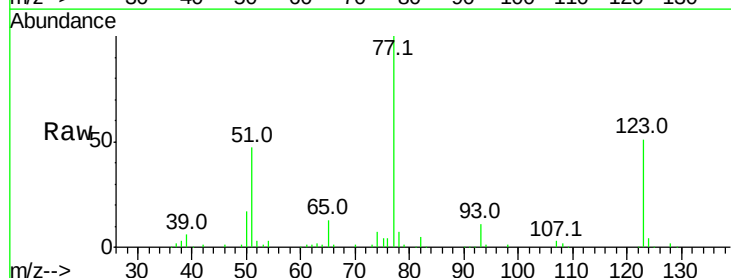
Instrument :
BNA_F
ClientSampleId :

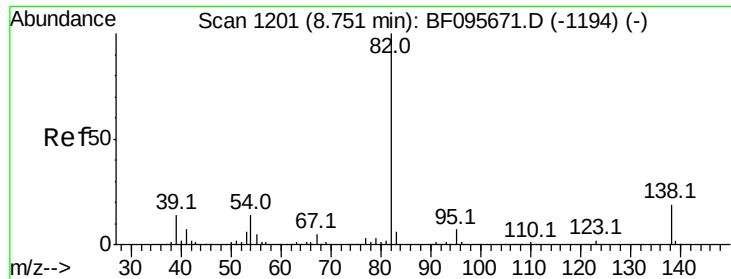
Tot Ion: 82 Resp: 392622
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 46.3 42.2 63.2



#24
Nitrobenzene
Concen: 40.02 ng
RT: 8.22 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion: 77 Resp: 206414
Ion Ratio Lower Upper
77 100
123 50.9 35.8 53.8
65 13.1 10.6 15.8





#25

Isophorone

Concen: 39.90 ng

RT: 8.62 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampled :

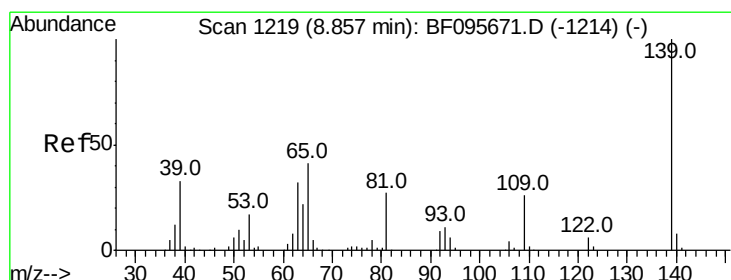
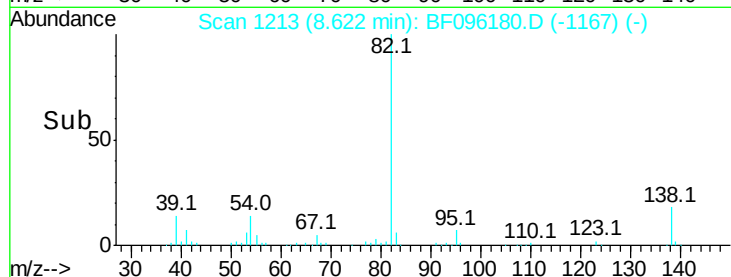
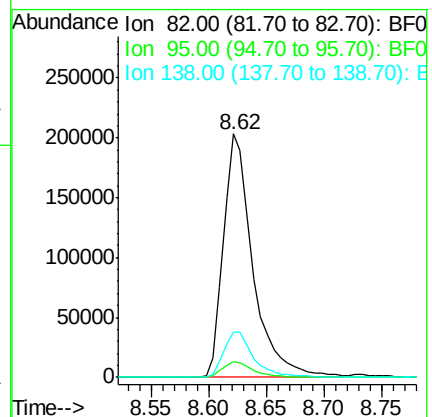
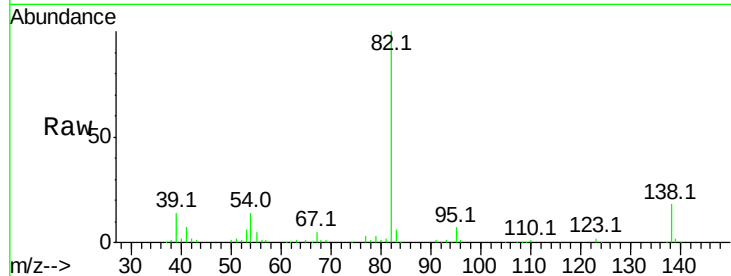
Tot Ion: 82 Resp: 359721

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 41.44 ng

RT: 8.73 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

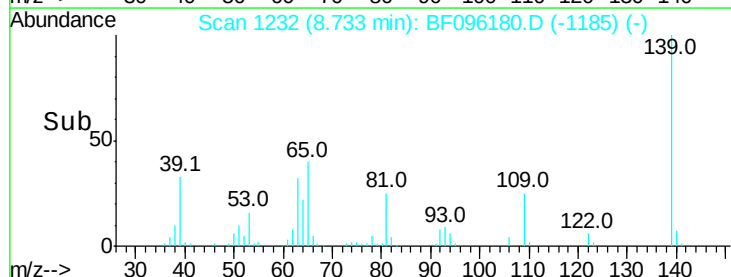
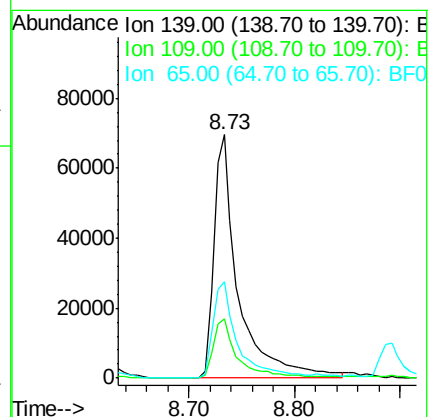
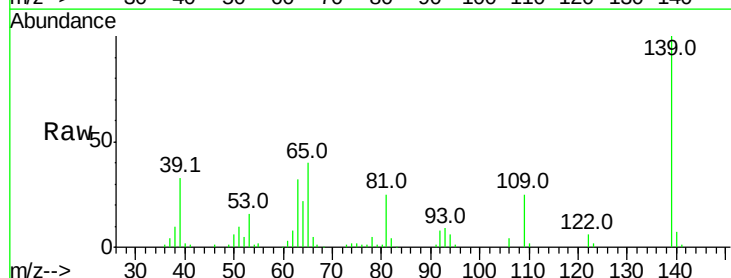
Tgt Ion: 139 Resp: 111905

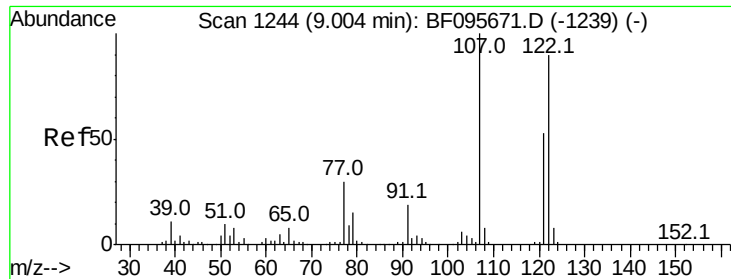
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 39.6 33.0 49.6

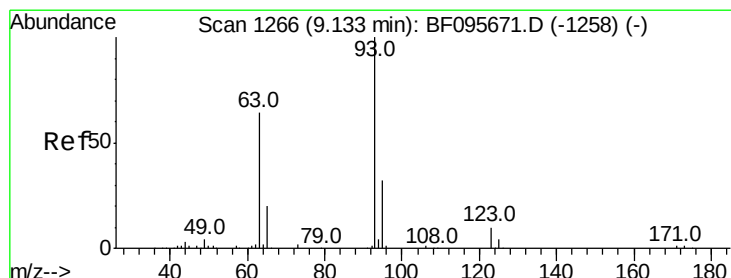
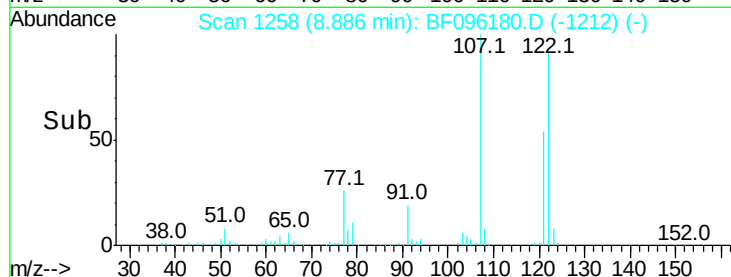
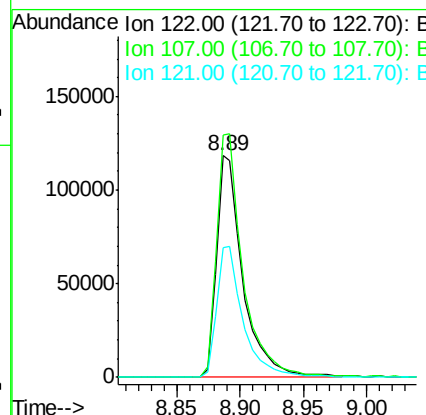
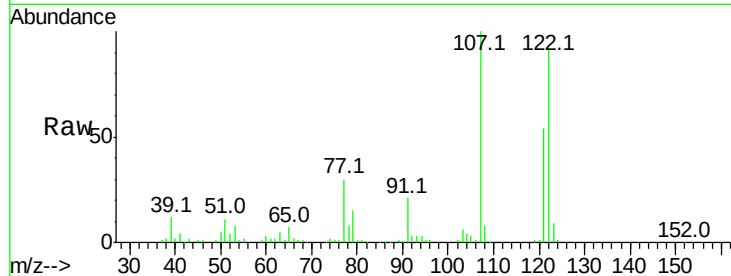




#27
 2,4-Dimethylphenol
 Concen: 41.04 ng
 RT: 8.89 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

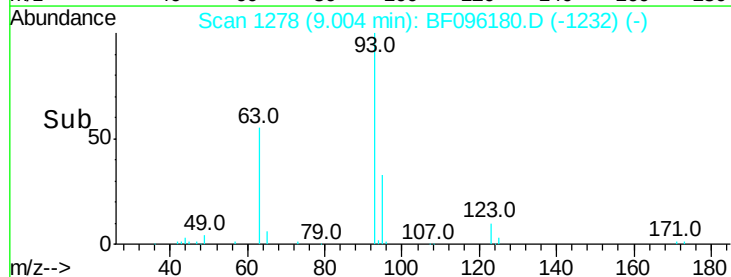
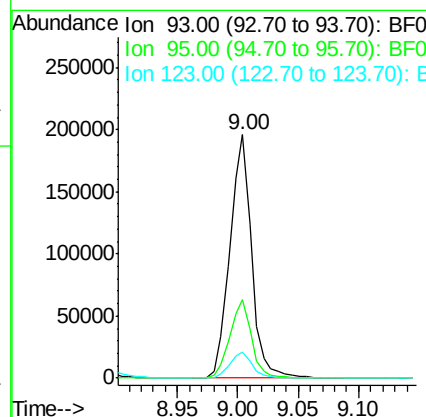
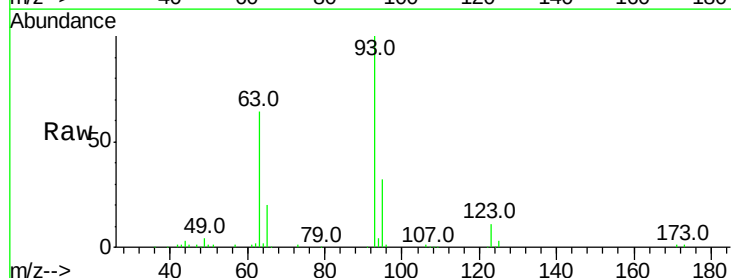
Instrument :
 BNA_F
 ClientSampleId :

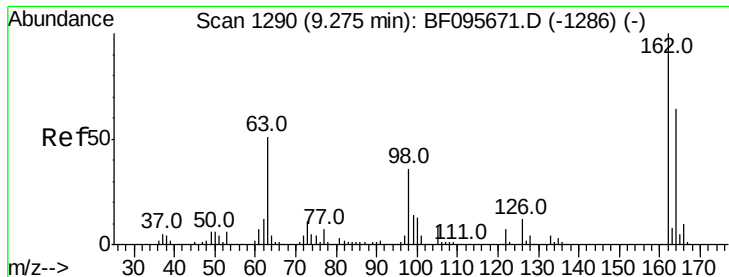
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	89.2	133.8
121	58.8	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.03 ng
 RT: 9.00 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.6	9.0	13.4

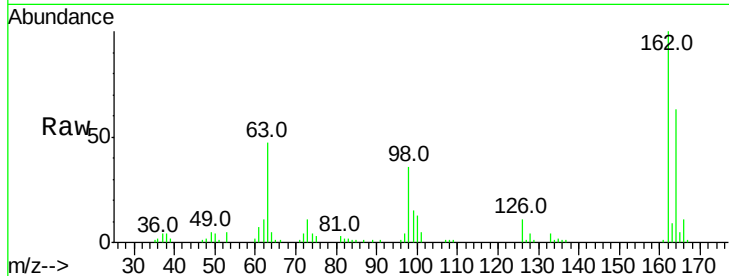




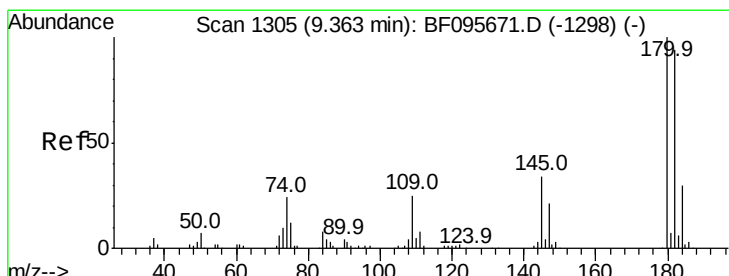
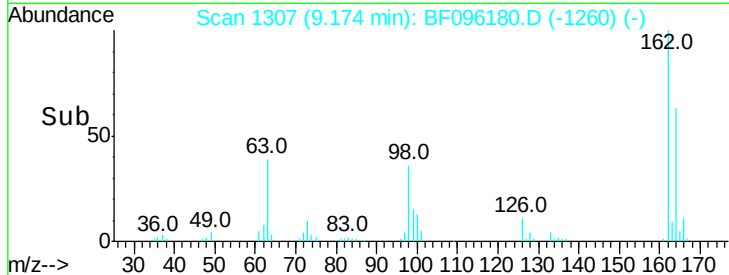
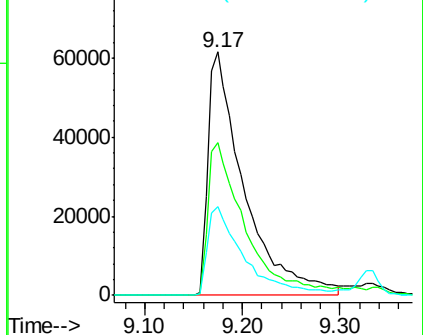
#29
 2,4-Dichlorophenol
 Concen: 39.10 ng
 RT: 9.17 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	36.5	14.8	54.8

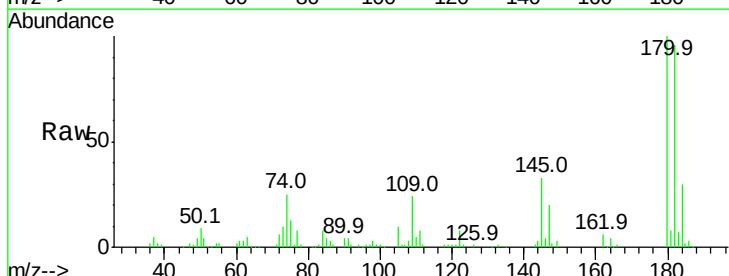


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

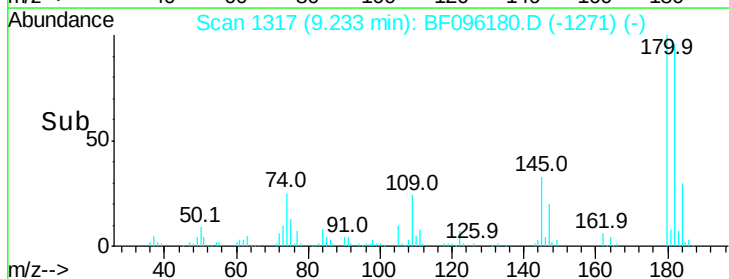
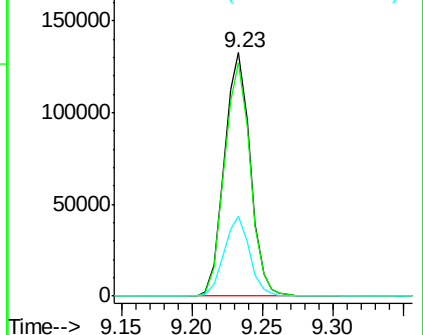


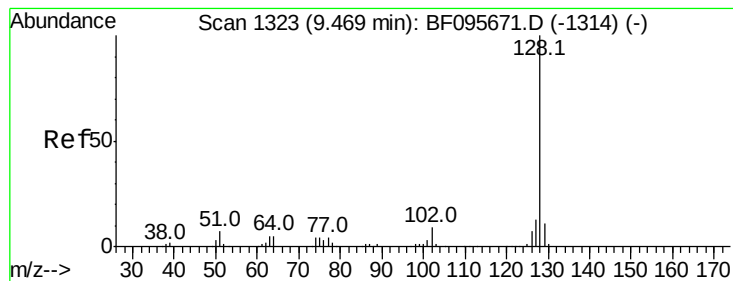
#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 9.23 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.6
145	32.6	25.3	37.9



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





#31

Naphthalene

Concen: 40.46 ng

RT: 9.33 min Scan# 1333

Delta R.T. -0.04 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampled :

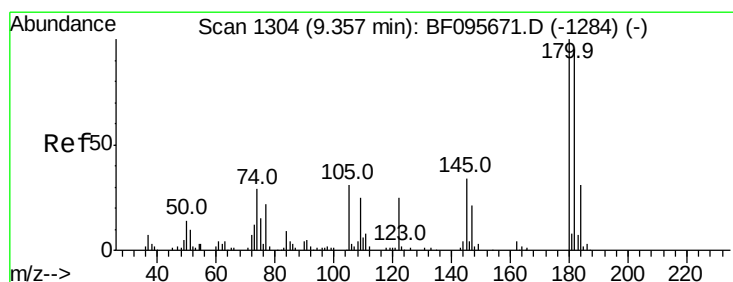
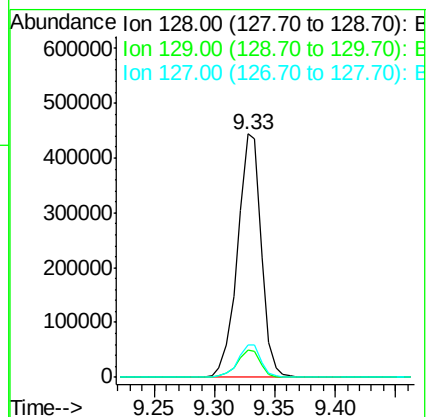
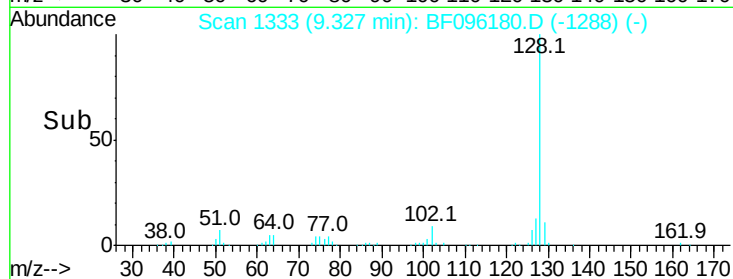
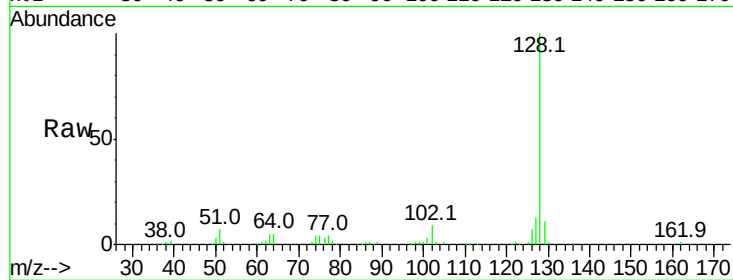
Tot Ion:128 Resp: 608834

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 32.51 ng

RT: 9.28 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

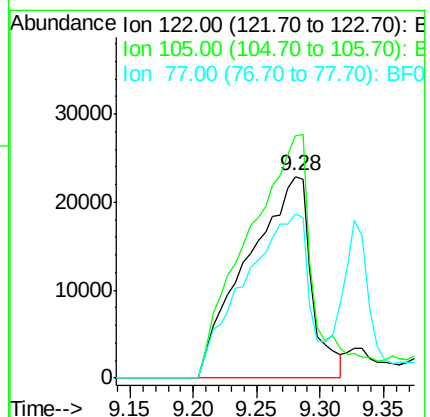
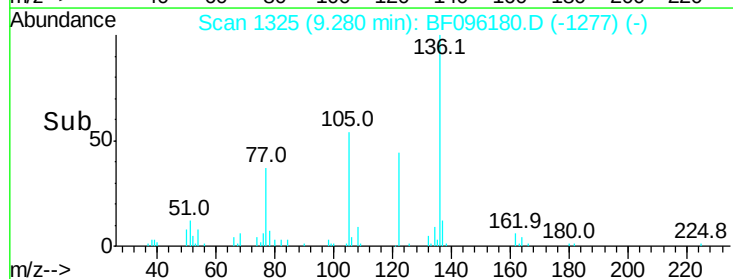
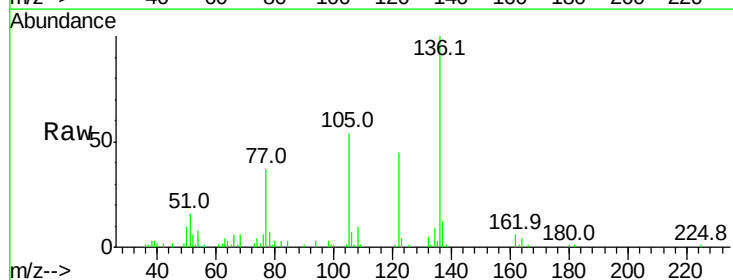
Tgt Ion:122 Resp: 80297

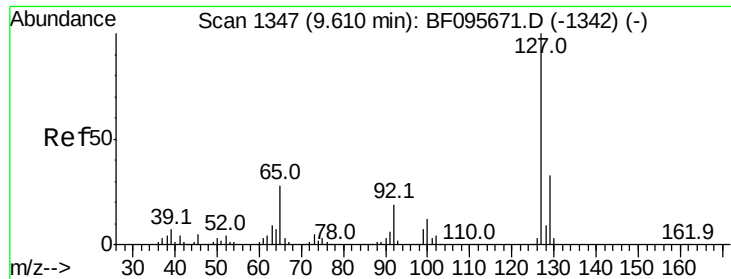
Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

77 81.4 73.7 113.7

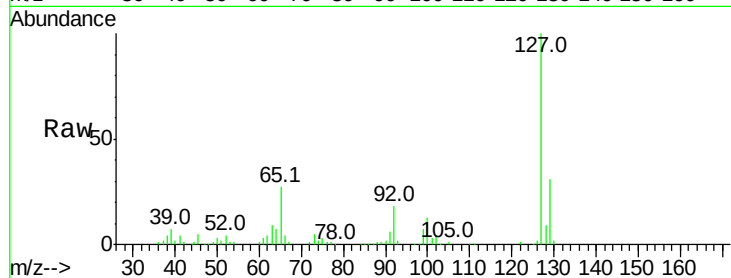




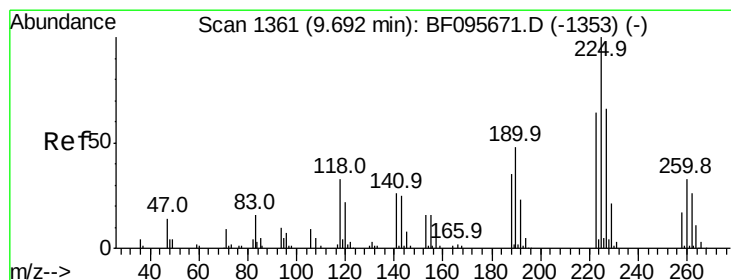
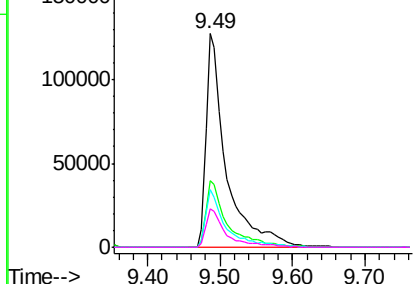
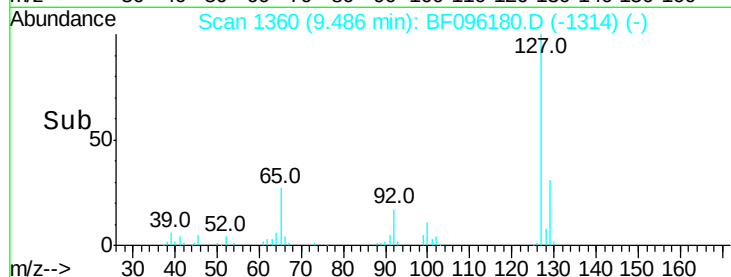
#33
4-Chloroaniline
Concen: 41.81 ng
RT: 9.49 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	245897
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	27.2	27.8	41.8#
92	17.7	16.8	25.2

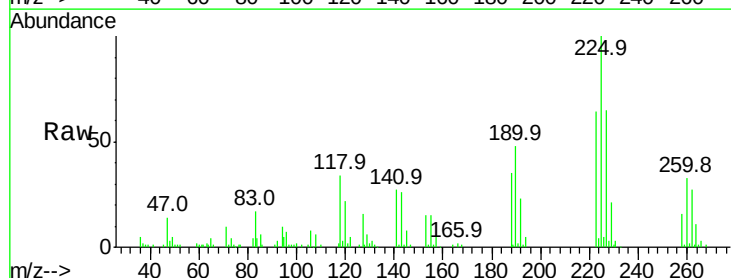


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

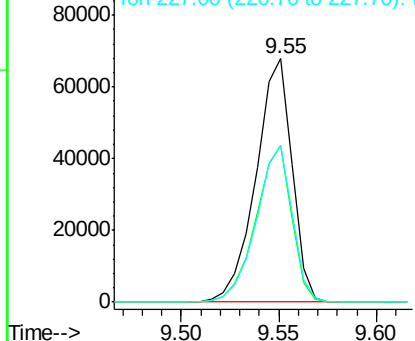
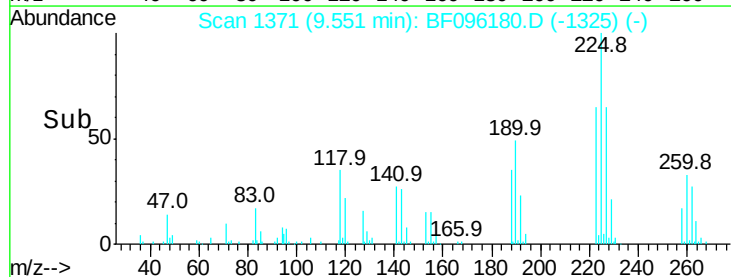


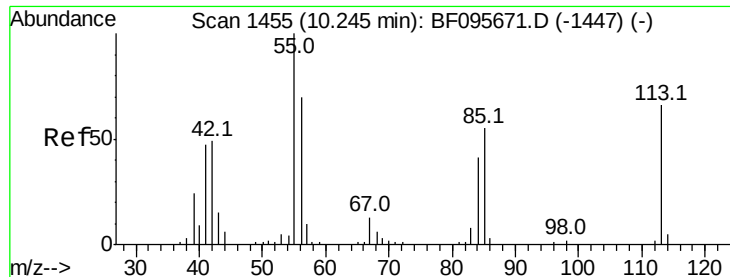
#34
Hexachlorobutadiene
Concen: 40.04 ng
RT: 9.55 min Scan# 1371
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:	225	Resp:	86897
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	64.6	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: 44.03 ng

RT: 10.14 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampled :

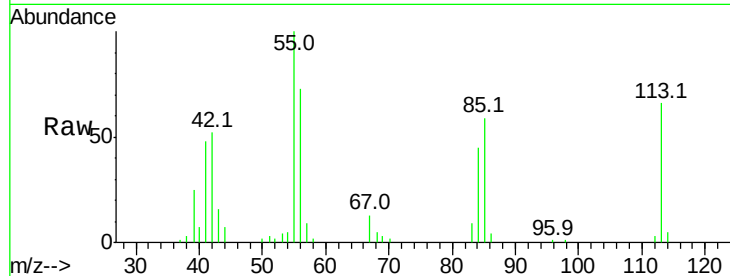
Tot Ion:113 Resp: 52882

Ion Ratio Lower Upper

113 100

55 151.7 150.2 190.2

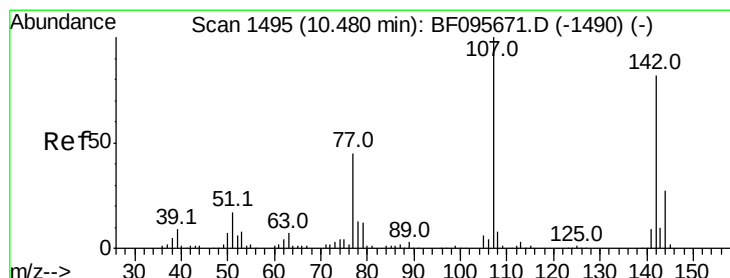
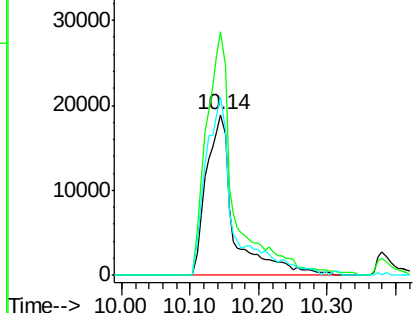
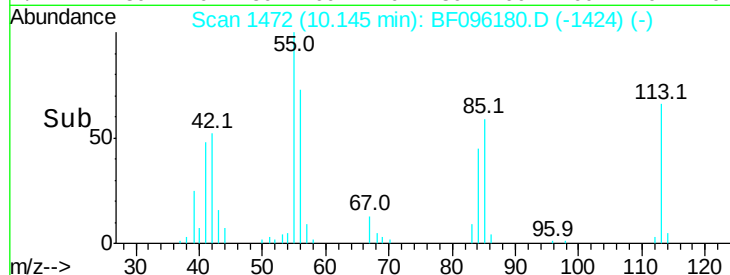
56 111.1 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.06 ng

RT: 10.38 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

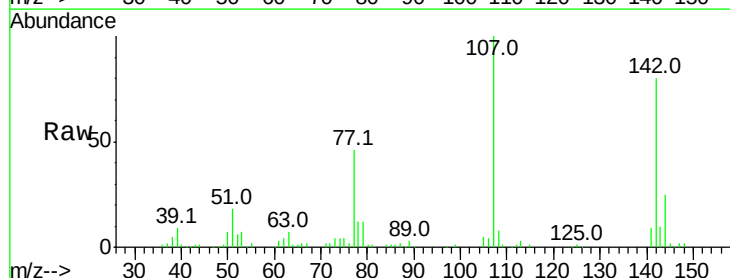
Tgt Ion:107 Resp: 173498

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

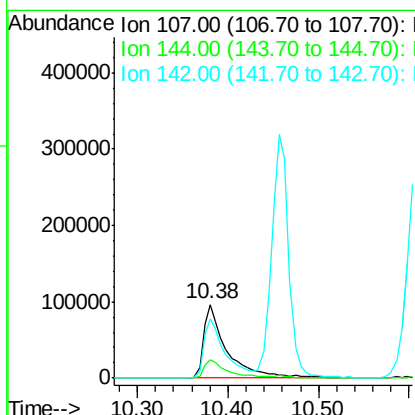
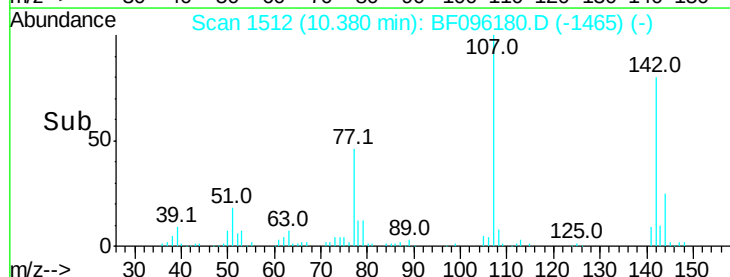
142 80.0 73.4 110.0

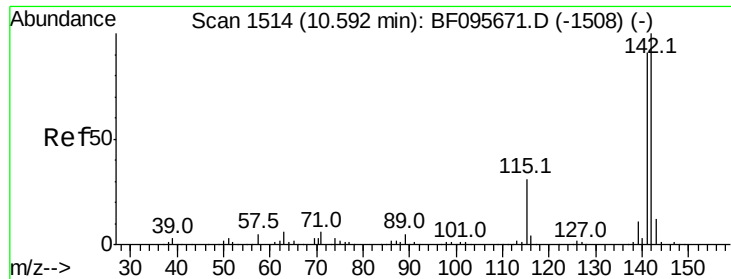


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

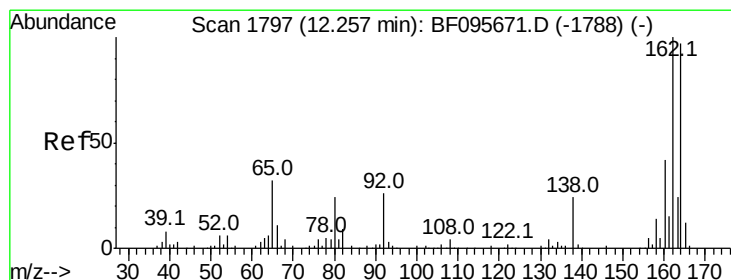
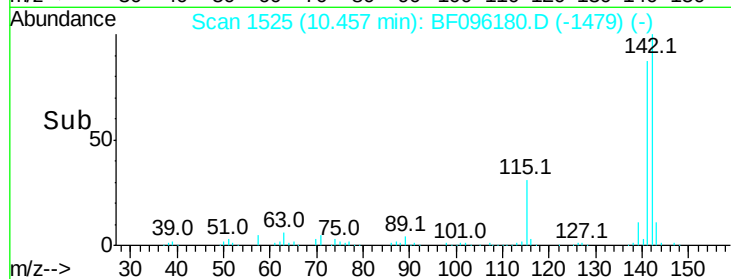
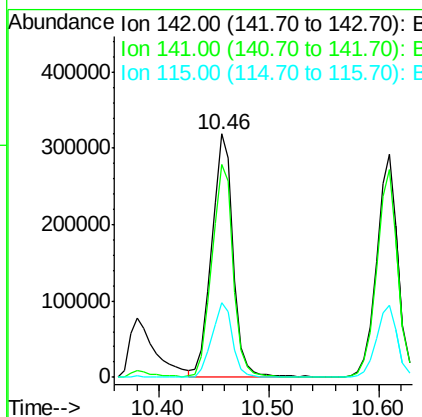
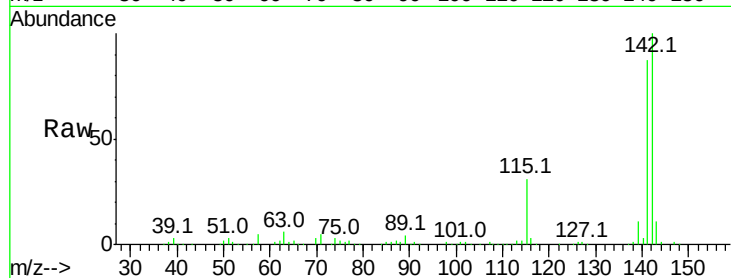




#37
 2-Methylnaphthalene
 Concen: 41.63 ng
 RT: 10.46 min Scan# 1525
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

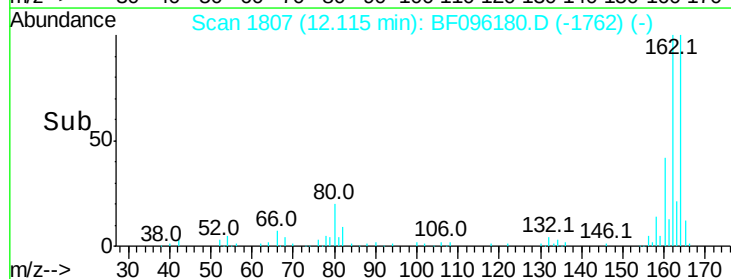
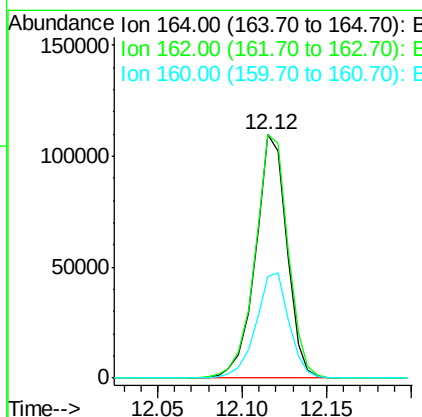
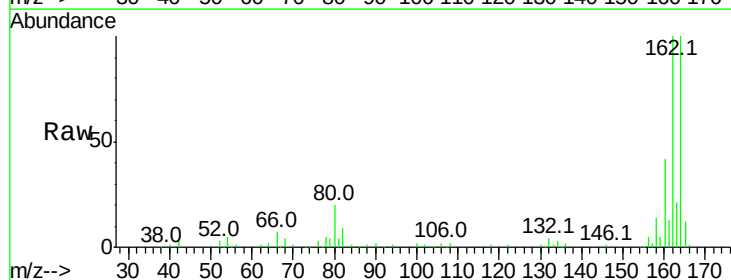
Instrument :
 BNA_F
 ClientSampleId :

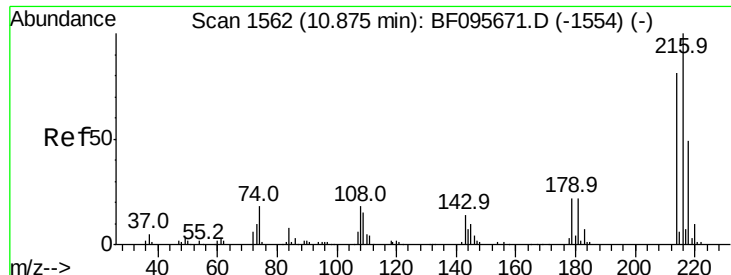
Tot Ion:142 Resp: 423238
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.3 106.9
 115 30.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:164 Resp: 141306
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 123.8
 160 41.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.56 ng

RT: 10.74 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 167286

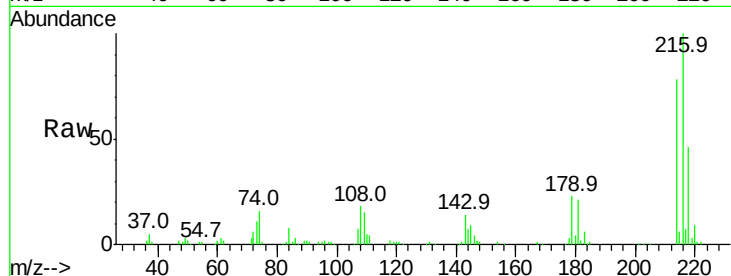
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 21.7 17.9 26.9

108 18.6 16.5 24.7

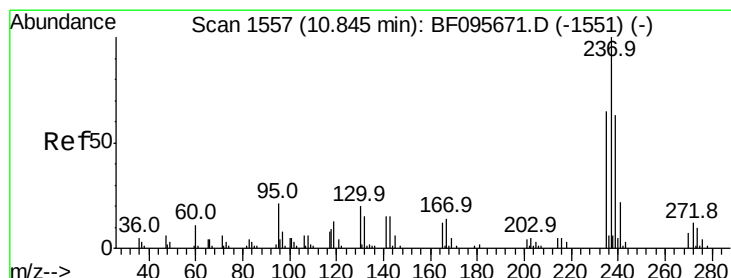
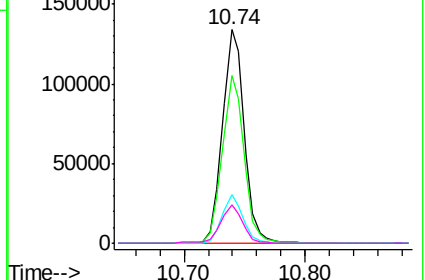
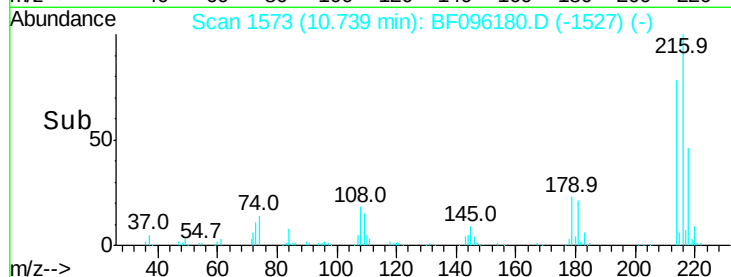


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.04 ng

RT: 10.71 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

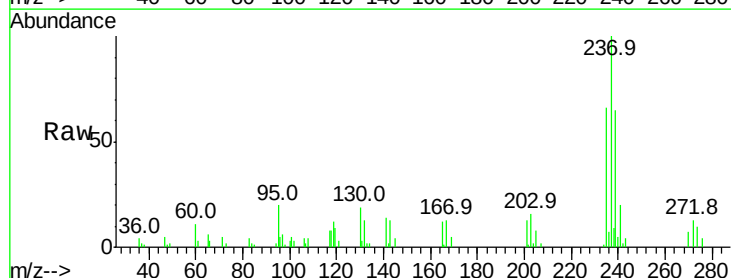
Tgt Ion:237 Resp: 36710

Ion Ratio Lower Upper

237 100

235 66.5 42.6 82.6

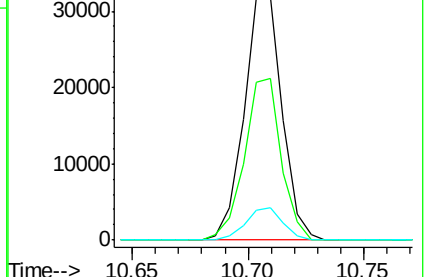
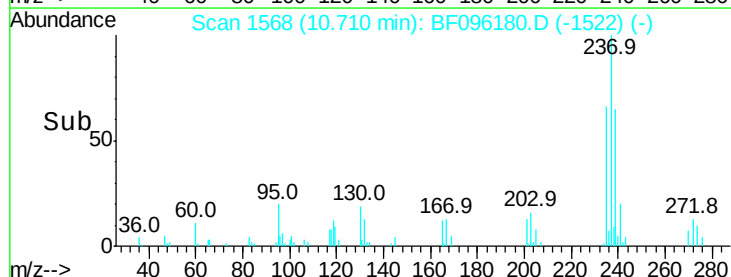
272 13.4 0.0 31.9

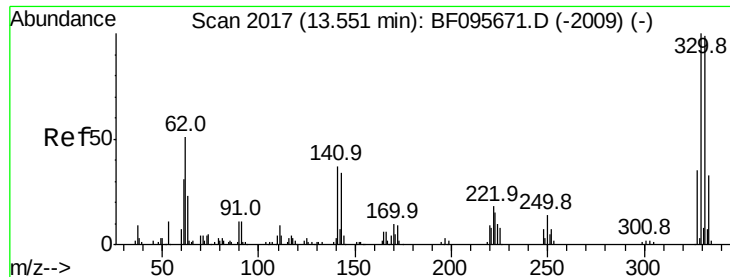


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

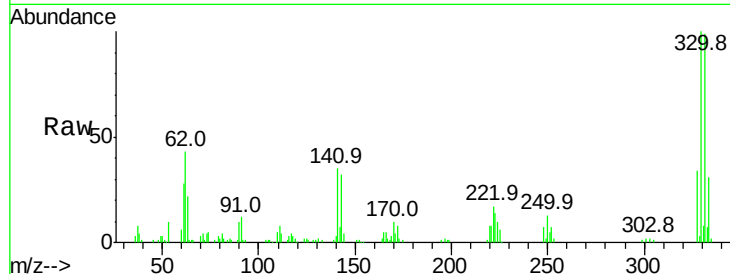




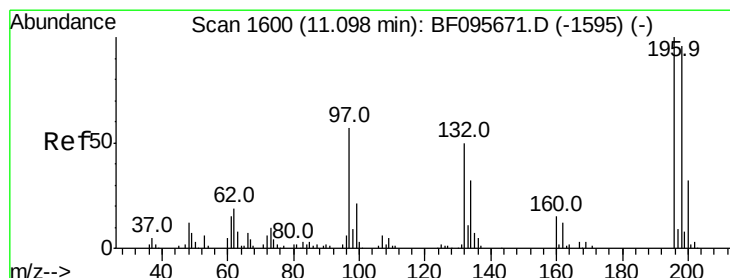
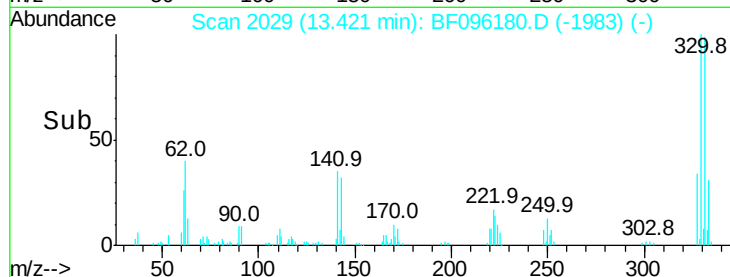
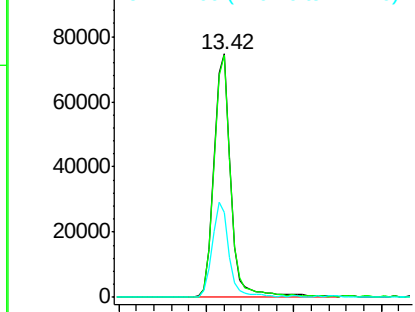
#41
 2,4,6-Tribromophenol
 Concen: 81.21 ng
 RT: 13.42 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	38.3	31.4	47.2

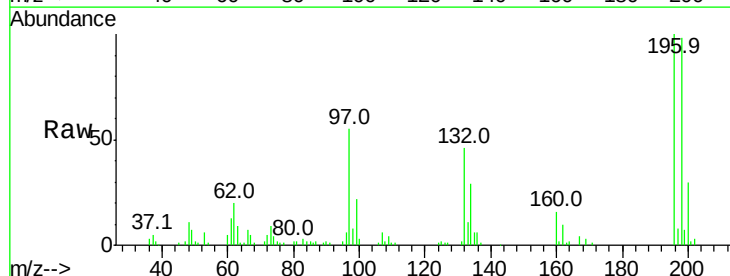


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

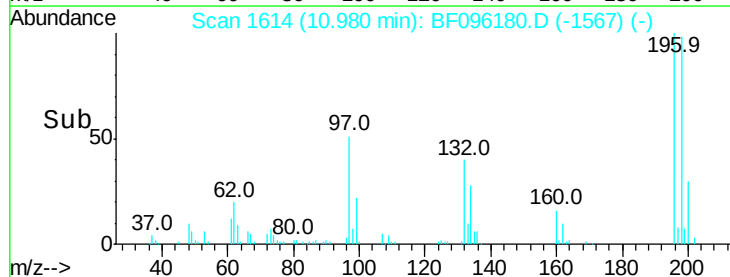
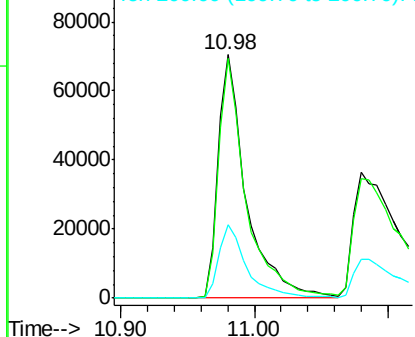


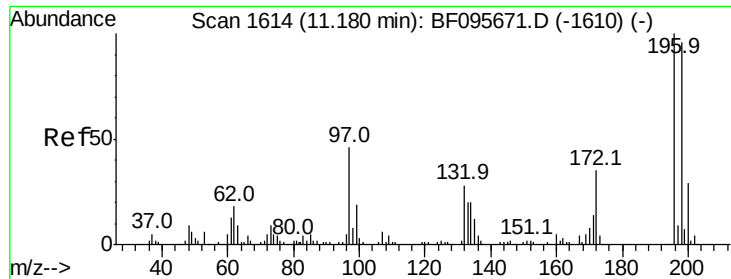
#42
 2,4,6-Trichlorophenol
 Concen: 38.68 ng
 RT: 10.98 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	74.2	111.4
200	30.1	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

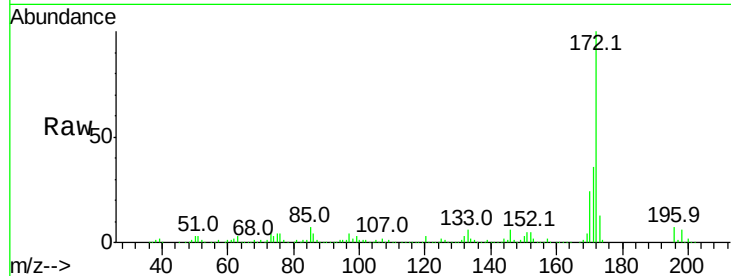




#43
 2,4,5-Trichlorophenol
 Concen: 35.56 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
97	54.5	47.7	71.5
132	38.8	28.0	42.0



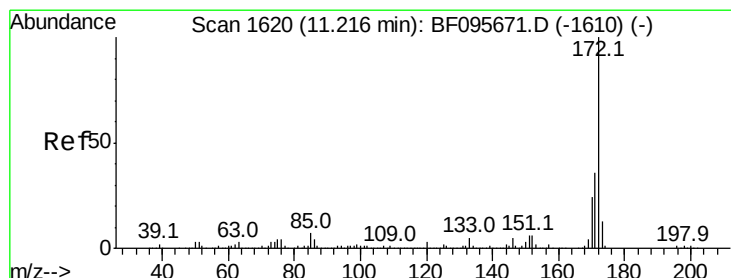
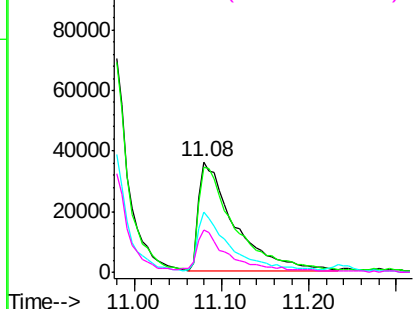
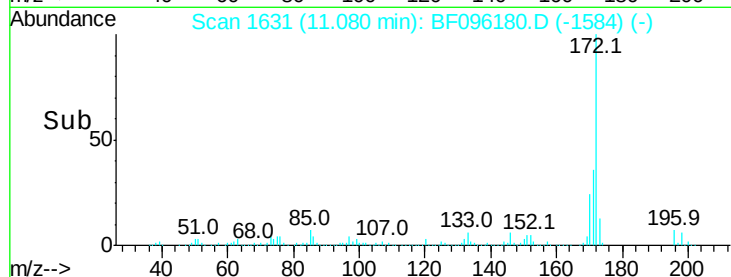
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

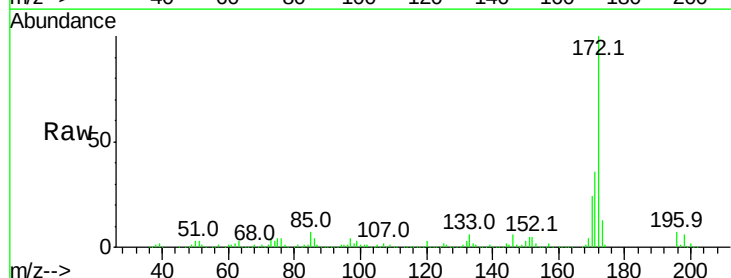
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.14 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8

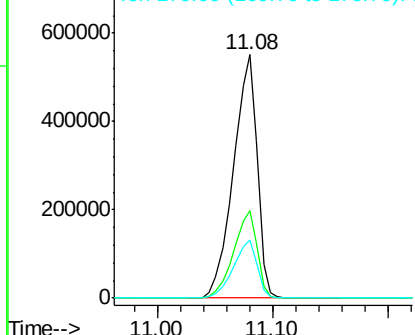
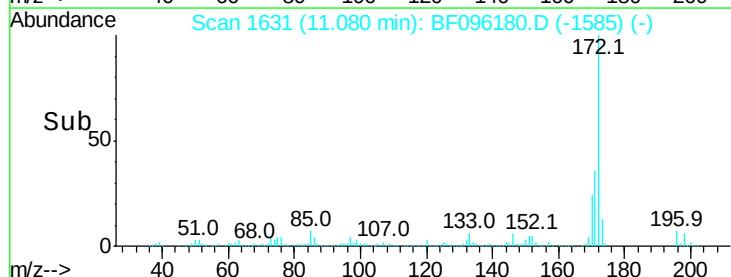


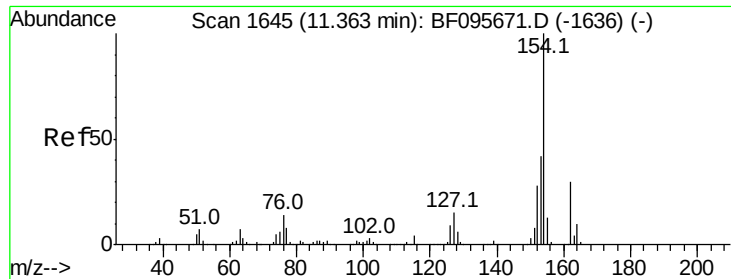
Abundance

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

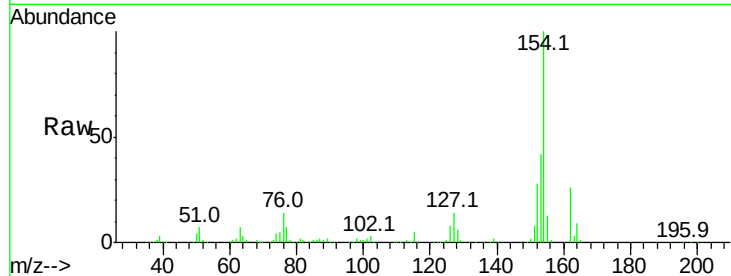




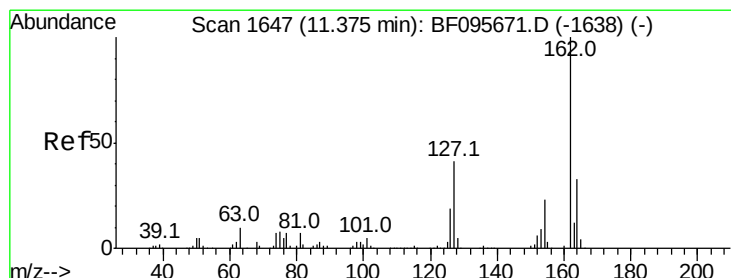
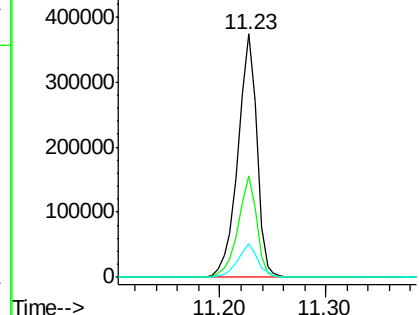
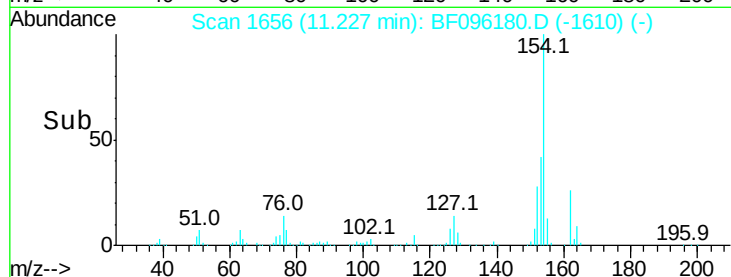
#45
 1,1'-Biphenyl
 Concen: 39.35 ng
 RT: 11.23 min Scan# 1656
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.2	61.2
76	14.0	0.0	29.9

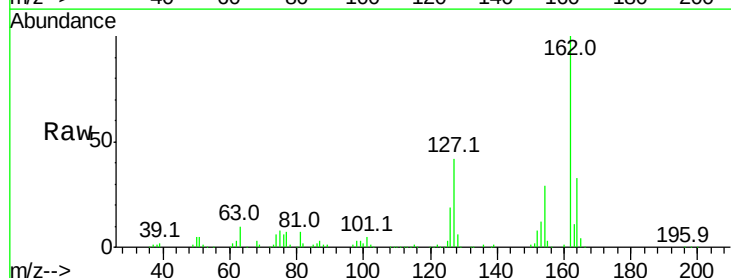


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

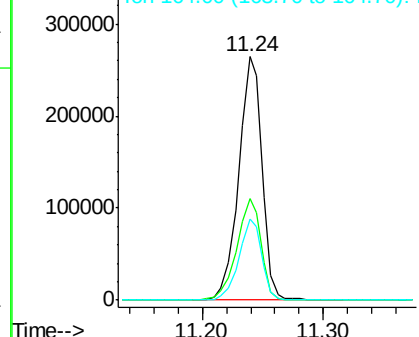
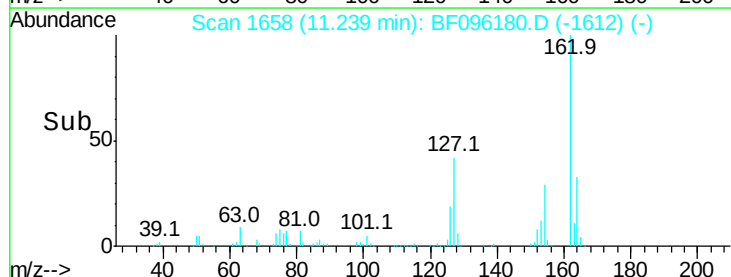


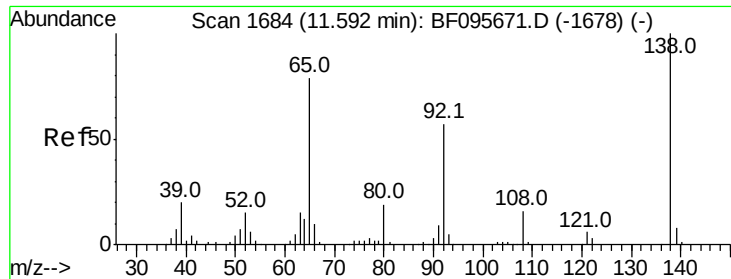
#46
 2-Chloronaphthalene
 Concen: 38.98 ng
 RT: 11.24 min Scan# 1658
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	28.3	42.5
164	33.2	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

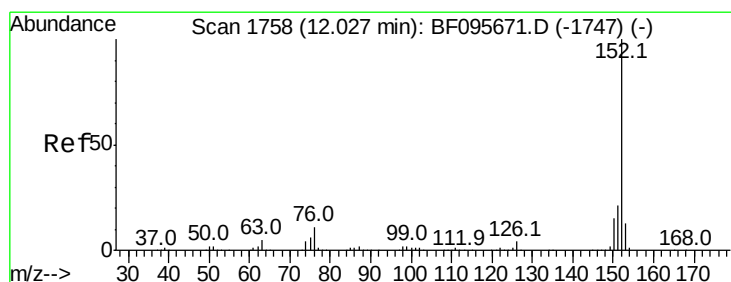
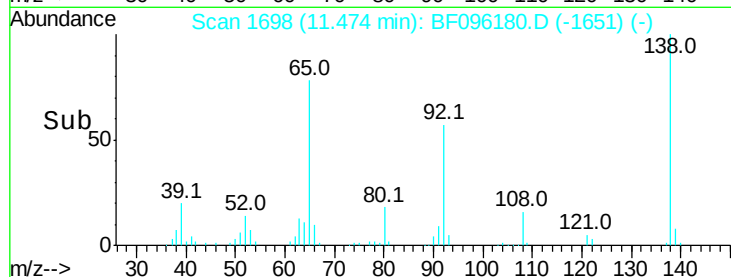
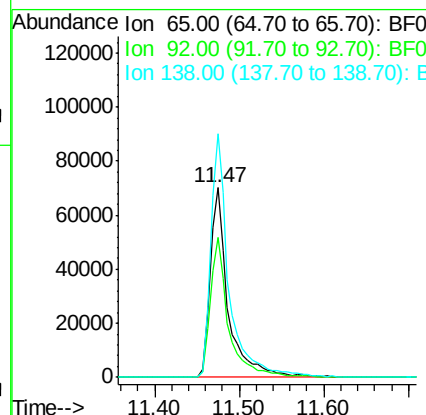
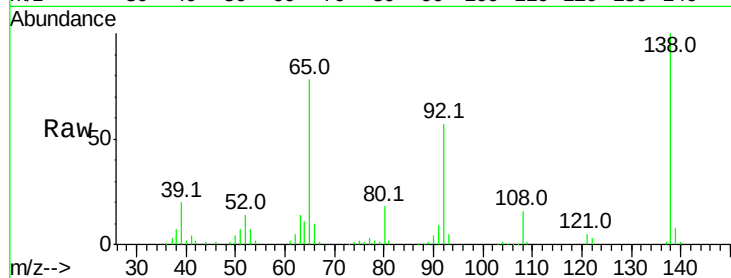




#47
2-Nitroaniline
Concen: 39.23 ng
RT: 11.47 min Scan# 1698
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

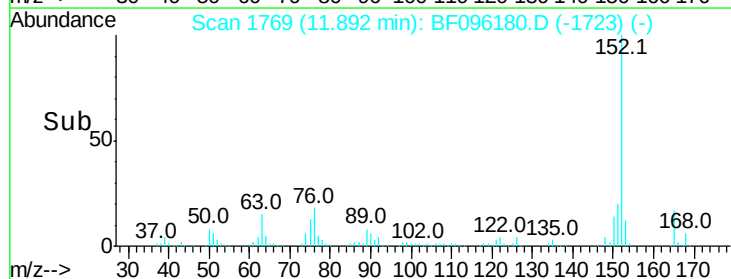
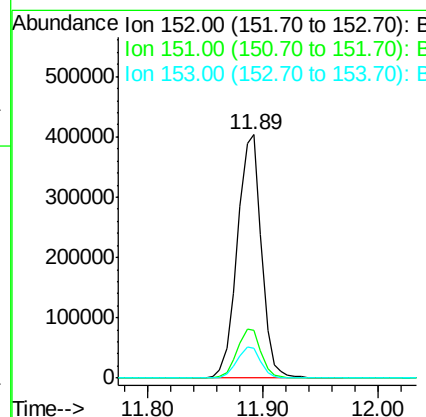
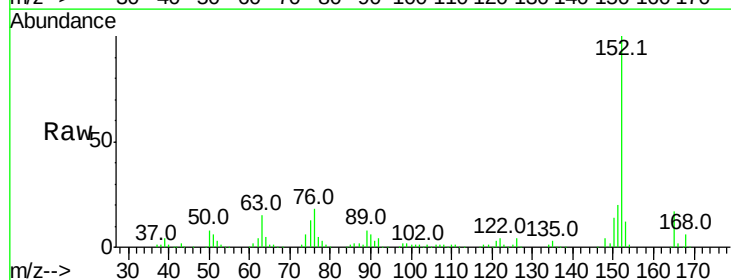
Instrument :
BNA_F
ClientSampleId :

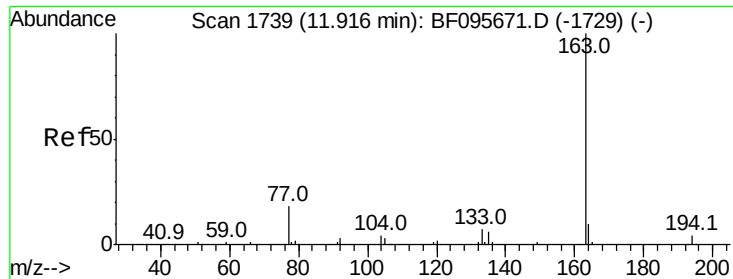
Tot Ion: 65 Resp: 104477
Ion Ratio Lower Upper
65 100
92 73.6 53.9 80.9
138 128.5 78.8 118.2#



#48
Acenaphthylene
Concen: 37.40 ng
RT: 11.89 min Scan# 1769
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:152 Resp: 581980
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 12.3 10.8 16.2





#49

Dimethylphthalate

Concen: 38.95 ng

RT: 11.79 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

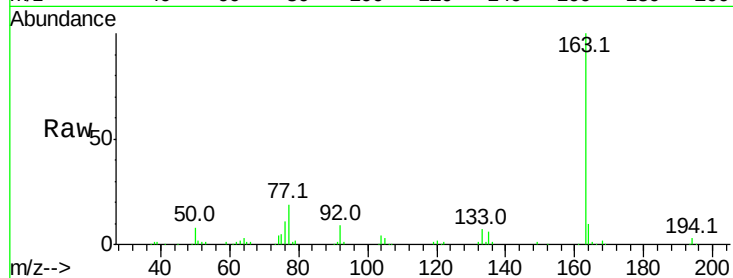
Tot Ion:163 Resp: 417926

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

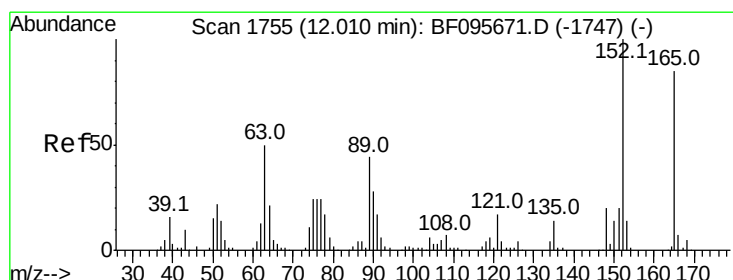
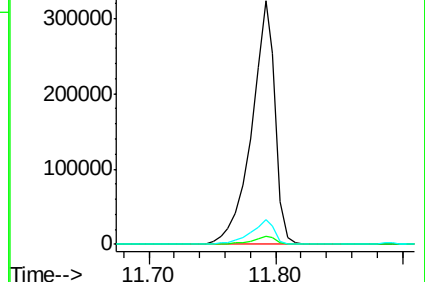
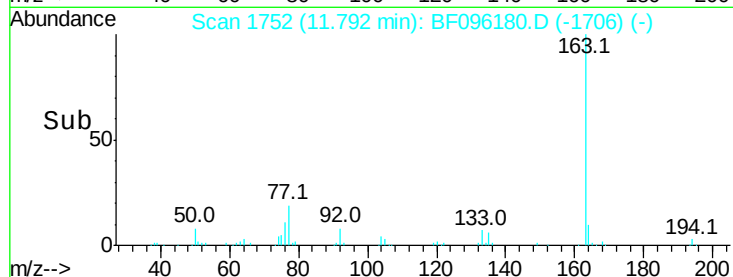
164 10.3 8.4 12.6



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: 37.90 ng

RT: 11.89 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

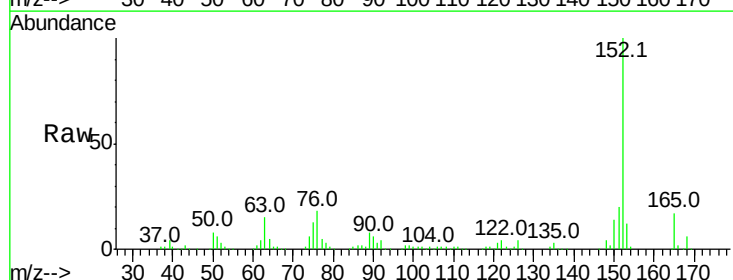
Tgt Ion:165 Resp: 88686

Ion Ratio Lower Upper

165 100

63 87.2 34.3 51.5#

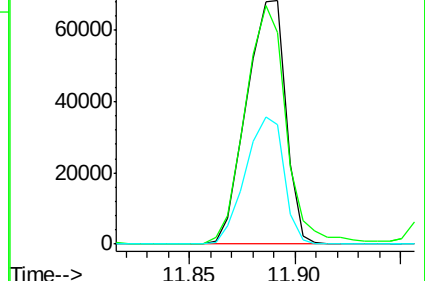
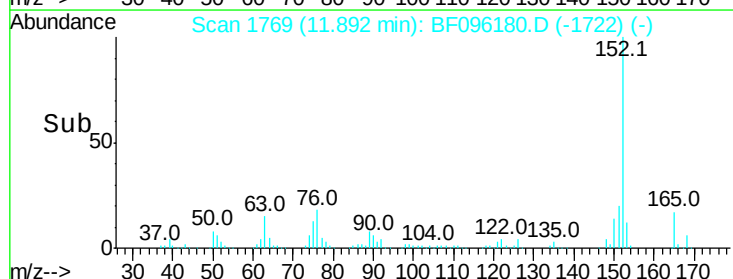
89 48.9 37.1 55.7

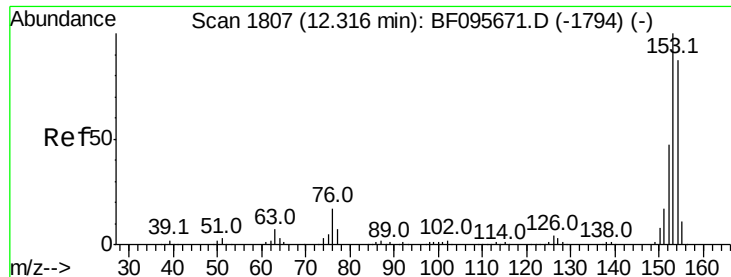


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.99 ng

RT: 12.17 min Scan# 1817

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

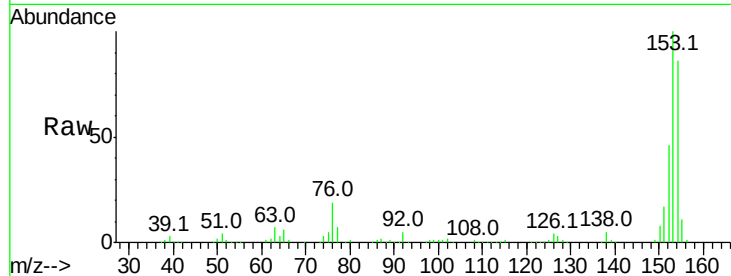
Tot Ion:154 Resp: 350376

Ion Ratio Lower Upper

154 100

153 115.8 90.5 135.7

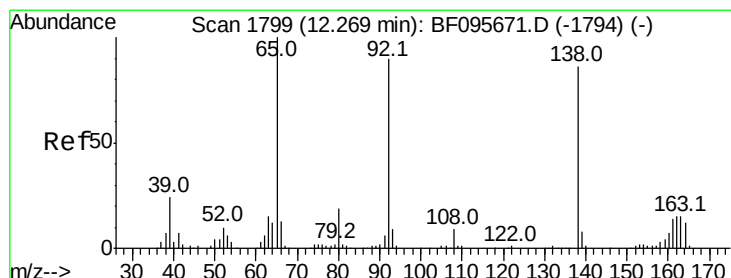
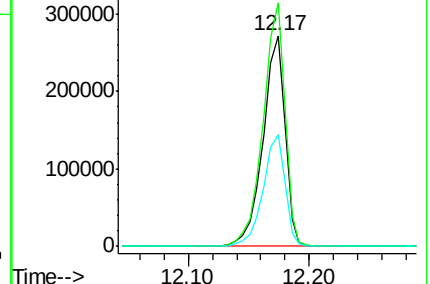
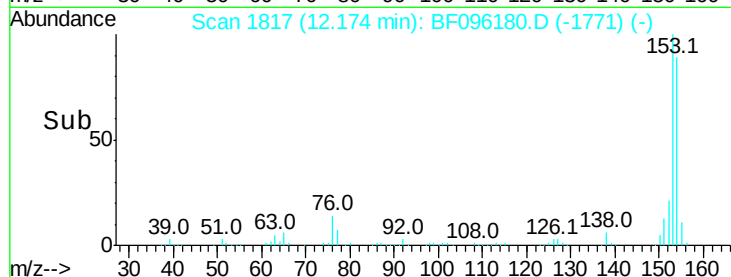
152 53.4 43.6 65.4



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: 39.97 ng

RT: 12.16 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

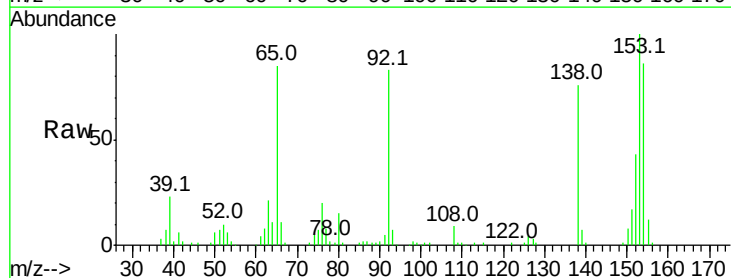
Tgt Ion:138 Resp: 108979

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

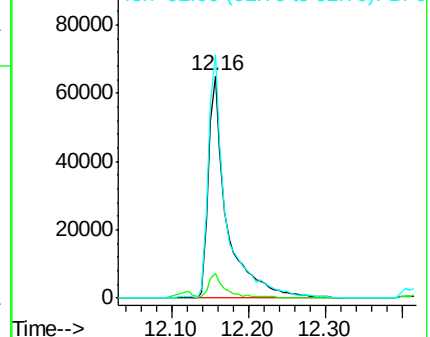
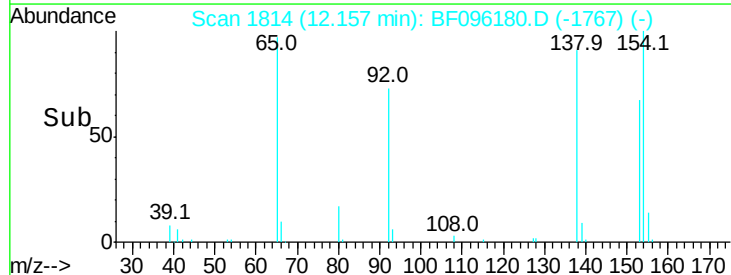
92 109.6 93.8 140.6

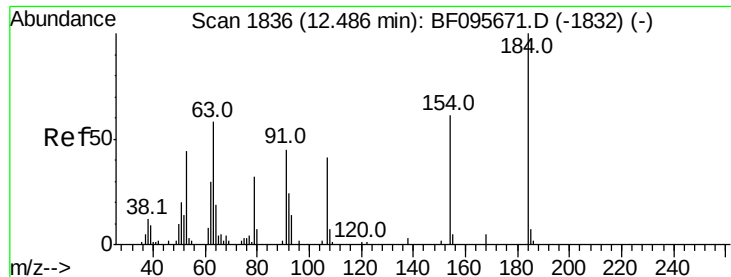


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

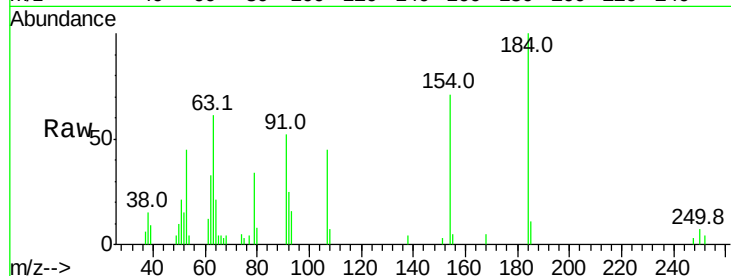




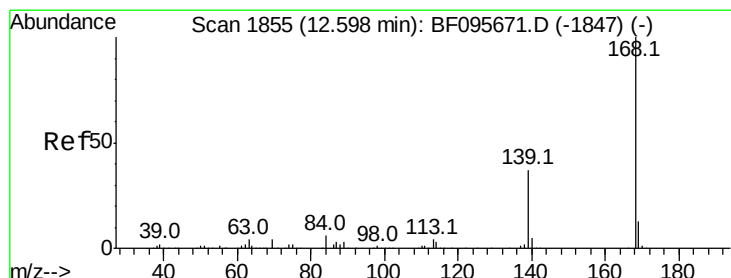
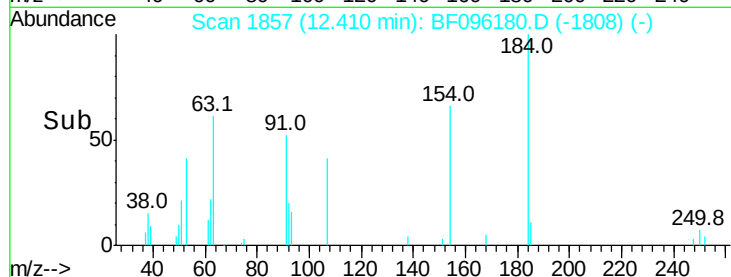
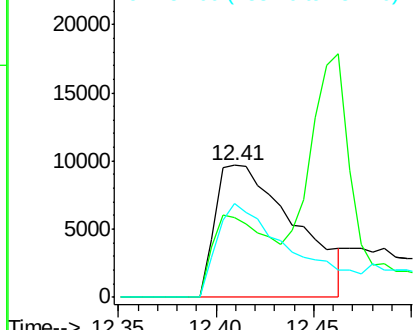
#53
2,4-Dinitrophenol
Concen: 25.37 ng
RT: 12.41 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 27239
Ion Ratio Lower Upper
184 100
63 60.8 62.7 94.1#
154 70.6 81.1 121.7#

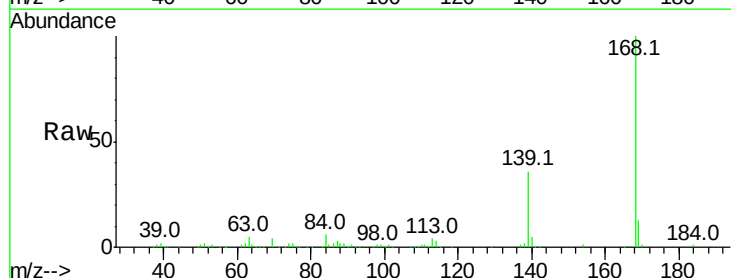


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

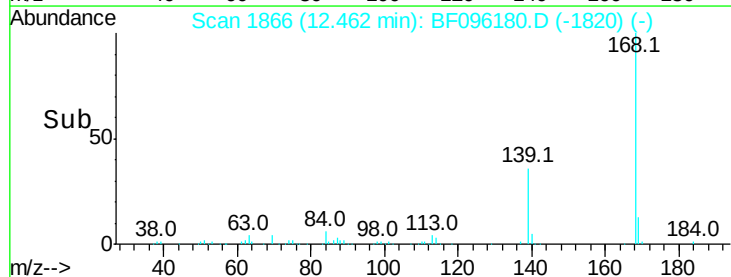
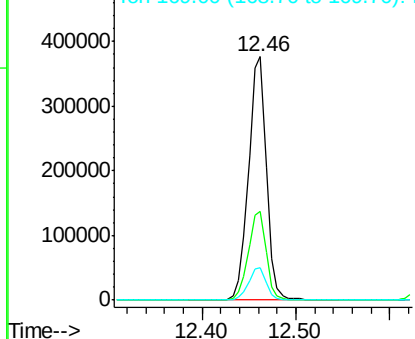


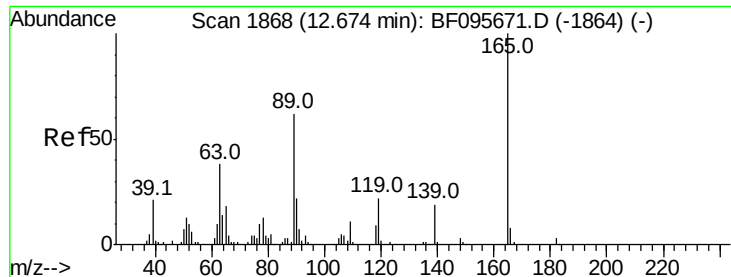
#54
Dibenzofuran
Concen: 39.20 ng
RT: 12.46 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:168 Resp: 495850
Ion Ratio Lower Upper
168 100
139 36.4 30.6 45.8
169 13.2 10.8 16.2



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

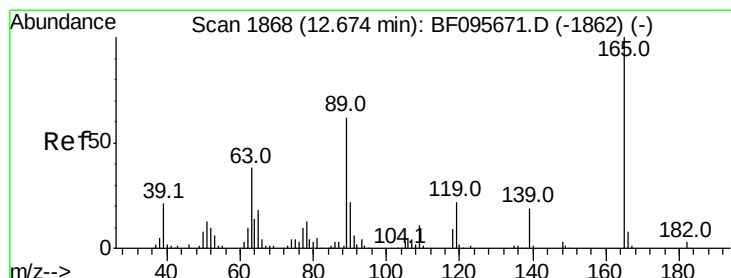
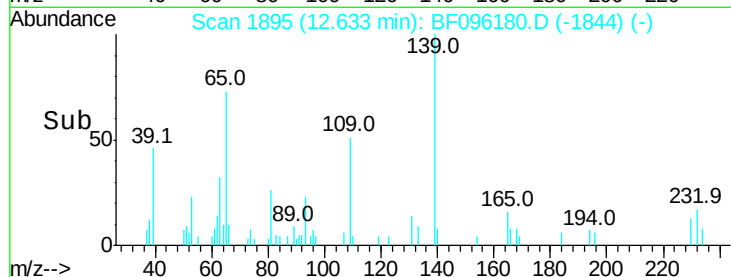
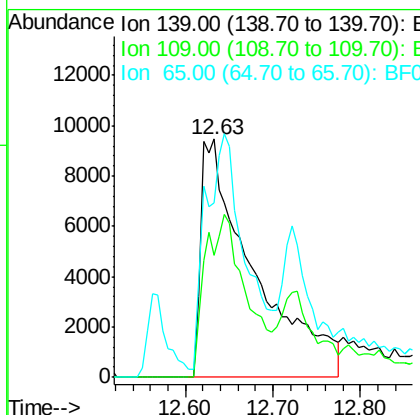
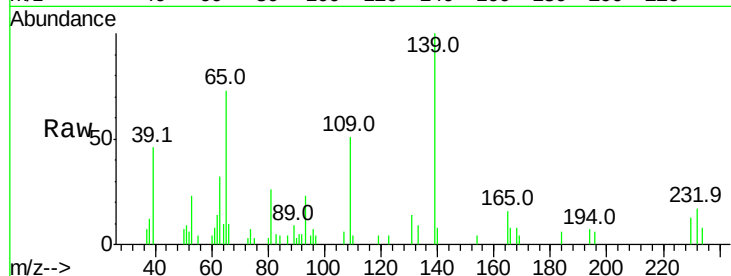




#55
4-Nitrophenol
Concen: 27.98 ng
RT: 12.63 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

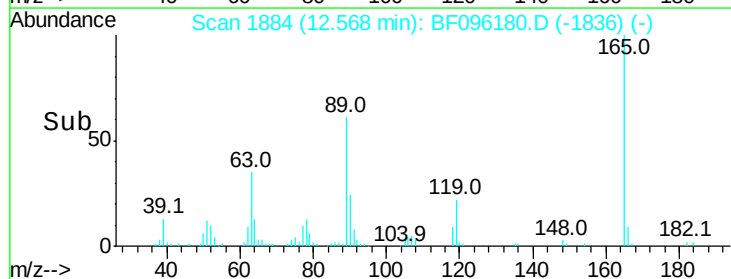
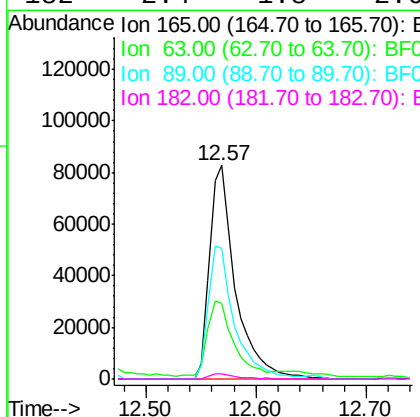
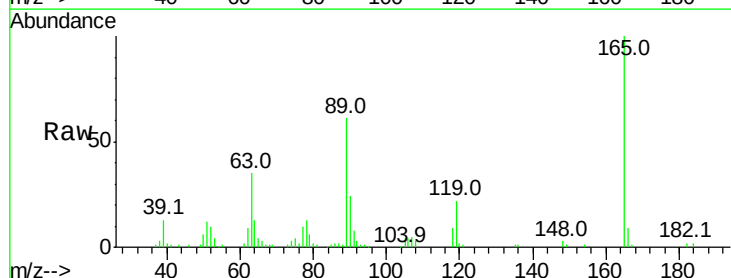
Instrument :
BNA_F
ClientSampleId :

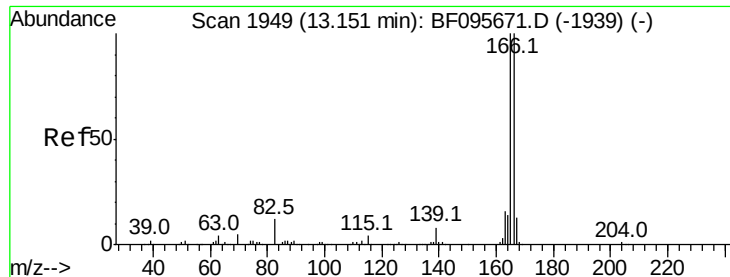
Tot Ion:139 Resp: 39463
Ion Ratio Lower Upper
139 100
109 51.2 34.1 74.1
65 73.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.10 ng
RT: 12.57 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:165 Resp: 133085
Ion Ratio Lower Upper
165 100
63 35.4 25.4 38.0
89 60.9 46.4 69.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 39.90 ng

RT: 13.02 min Scan# 1960

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

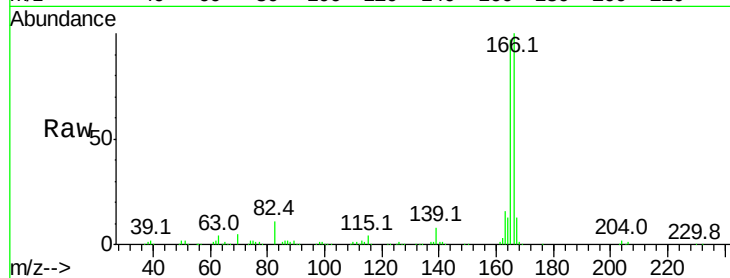
Tot Ion:166 Resp: 439182

Ion Ratio Lower Upper

166 100

165 96.7 78.8 118.2

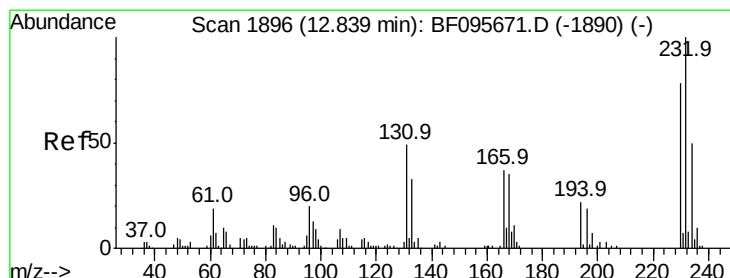
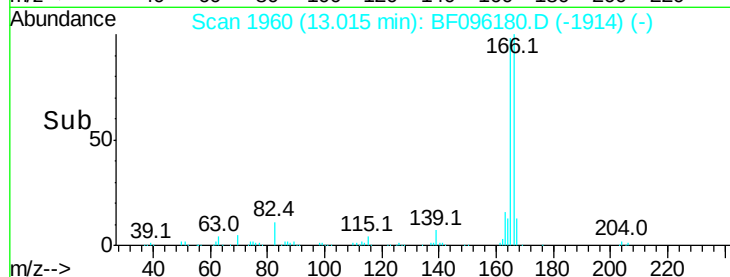
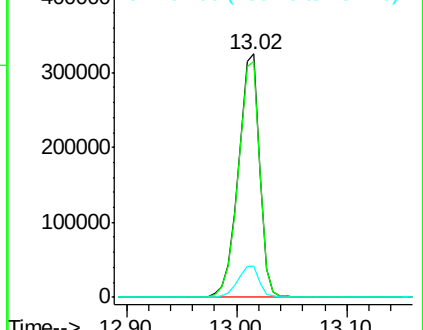
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.94 ng

RT: 12.72 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Tgt Ion:232 Resp: 71127

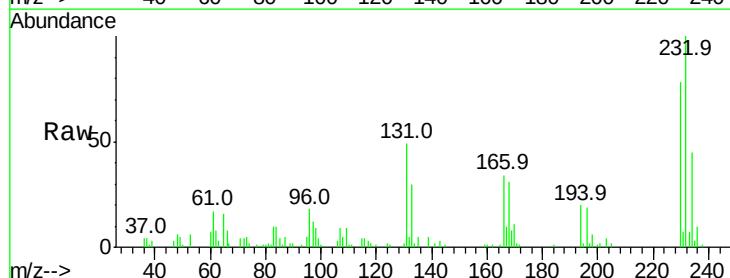
Ion Ratio Lower Upper

232 100

131 47.6 44.8 67.2

130 1.8 2.3 3.5#

166 32.8 29.0 43.4

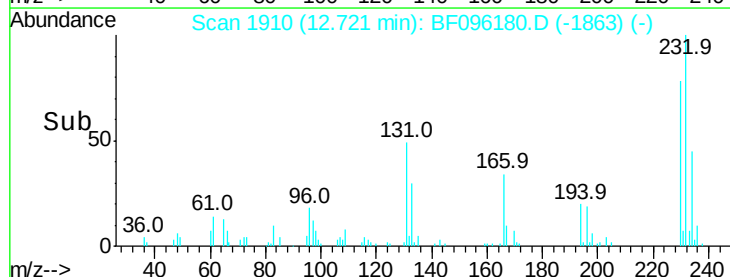
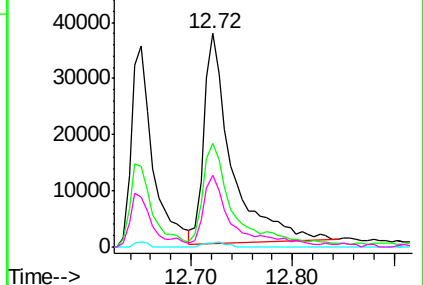


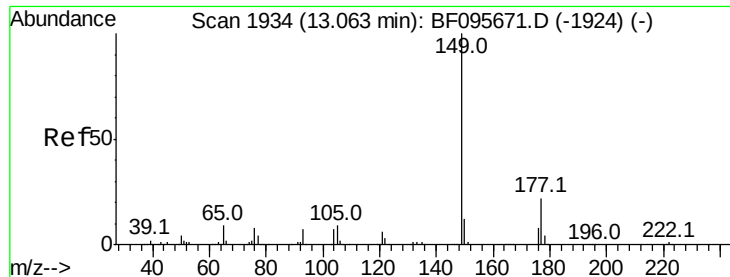
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

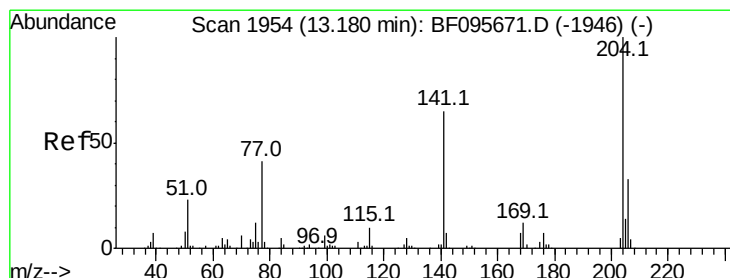
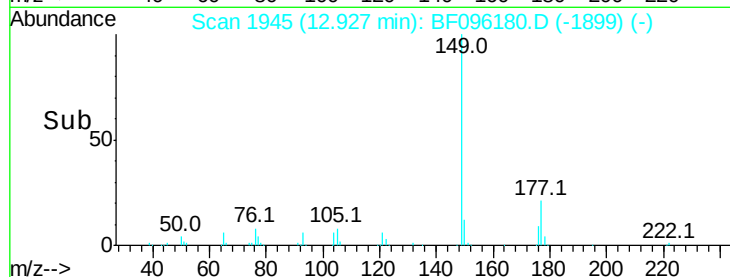
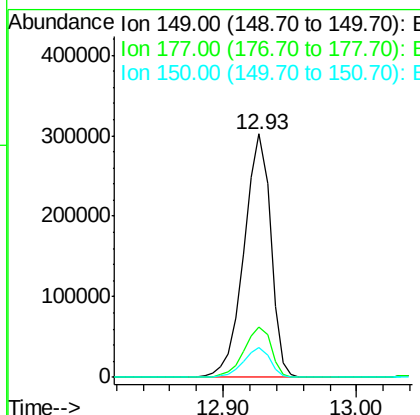
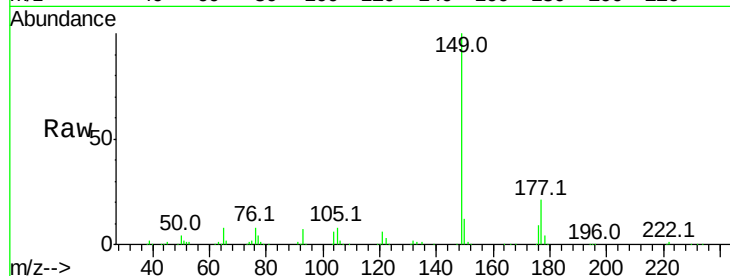




#59
Diethylphthalate
Concen: 40.30 ng
RT: 12.93 min Scan# 1945
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

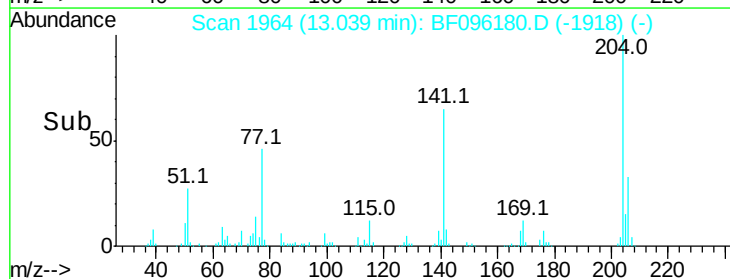
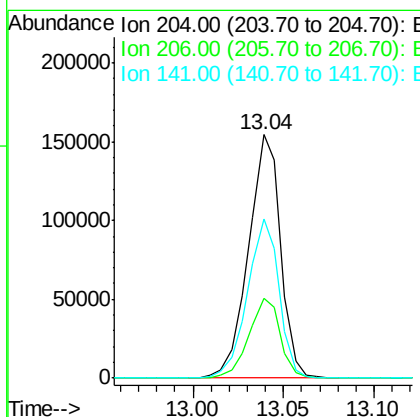
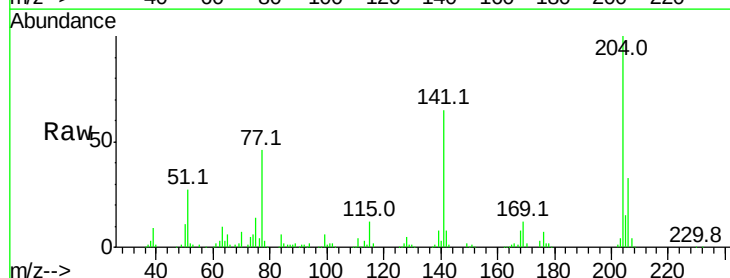
Instrument :
BNA_F
ClientSampleId :

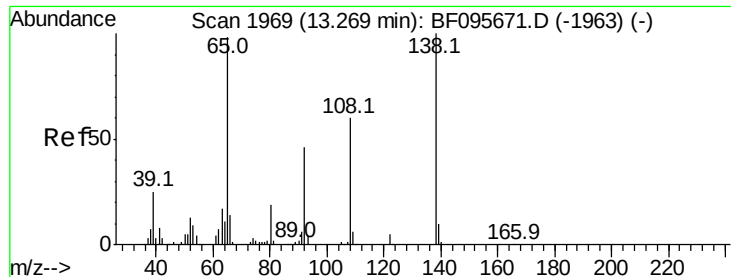
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.2	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.61 ng
RT: 13.04 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	65.2	60.8	91.2





#61

4-Nitroaniline

Concen: 41.01 ng

RT: 13.16 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

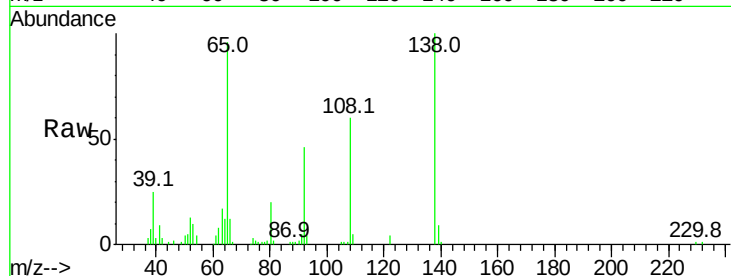
Tot Ion:138 Resp: 104410

Ion Ratio Lower Upper

138 100

92 45.7 21.8 61.8

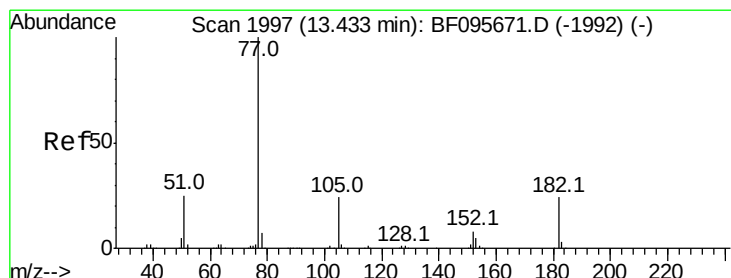
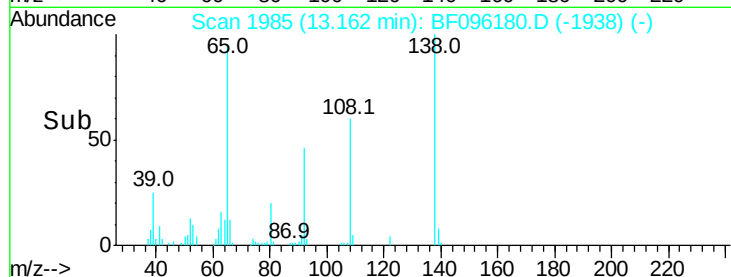
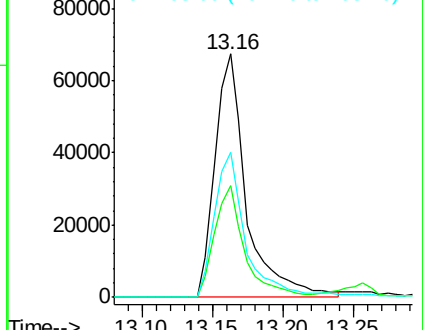
108 59.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.57 ng

RT: 13.30 min Scan# 2008

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Tgt Ion: 77 Resp: 370297

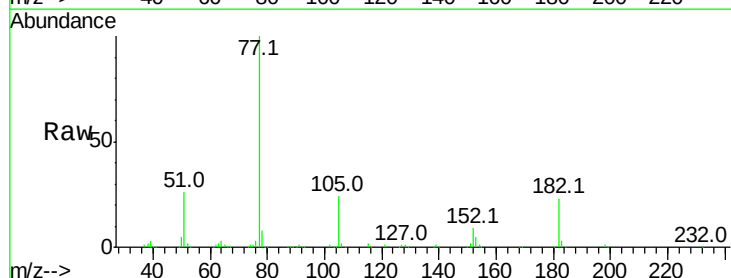
Ion Ratio Lower Upper

77 100

182 23.3 0.1 40.1

105 24.1 3.6 43.6

51 25.9 9.4 49.4

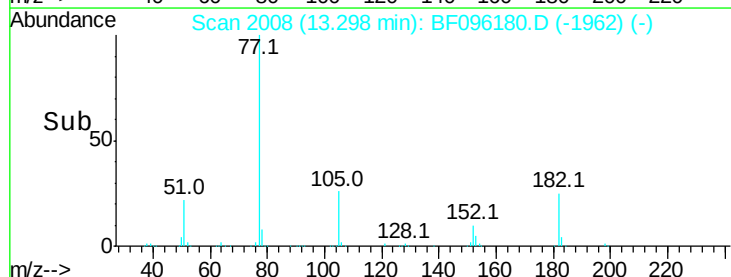
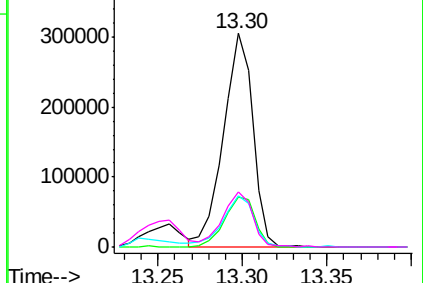


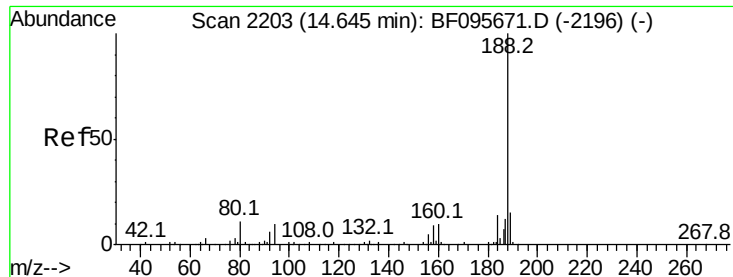
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

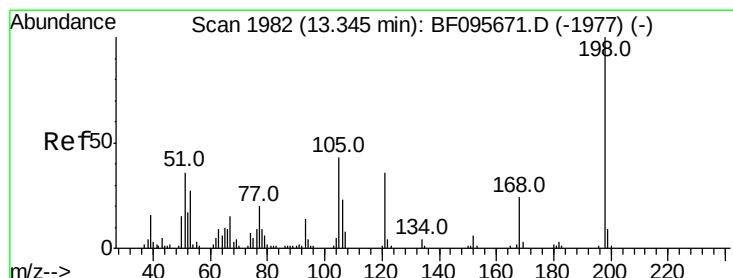
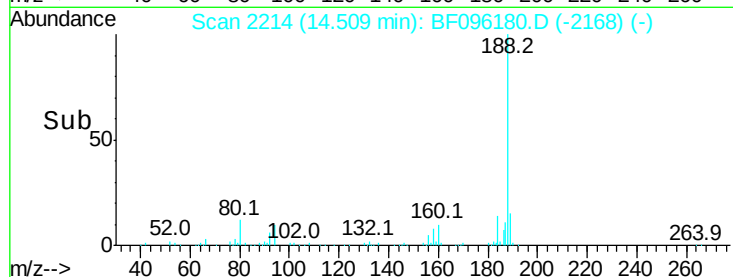
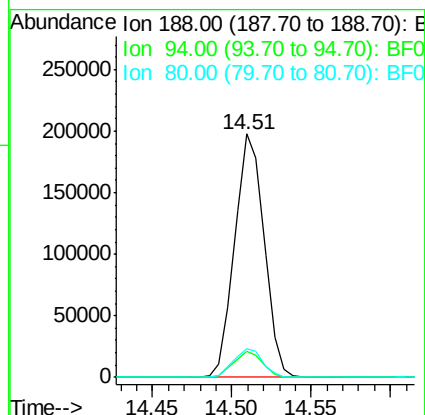
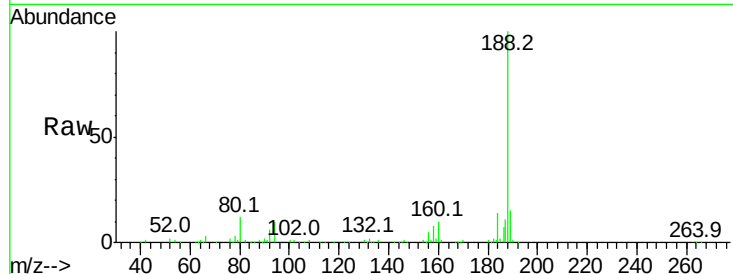




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

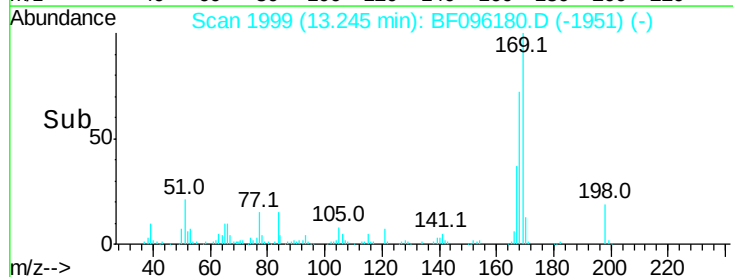
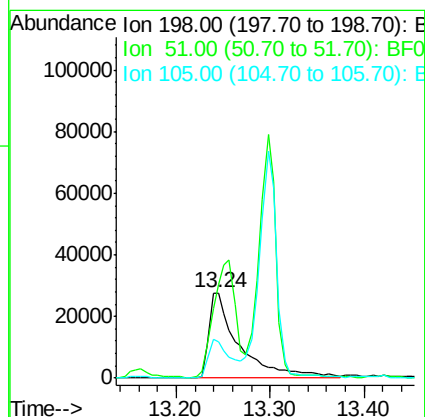
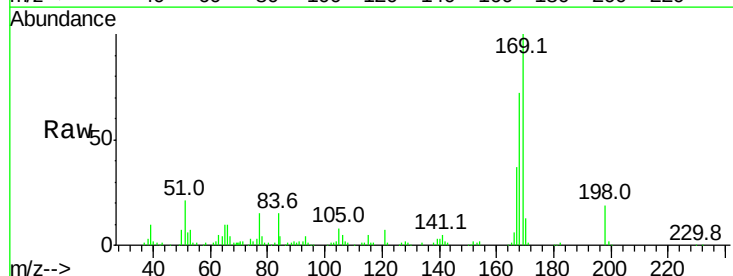
Instrument :
BNA_F
ClientSampleId :

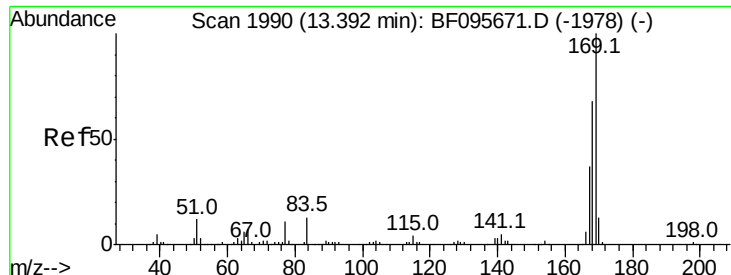
Tot Ion:188 Resp: 254444
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 37.31 ng
RT: 13.24 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:198 Resp: 62405
Ion Ratio Lower Upper
198 100
51 110.6 53.2 93.2#
105 42.3 45.8 85.8#

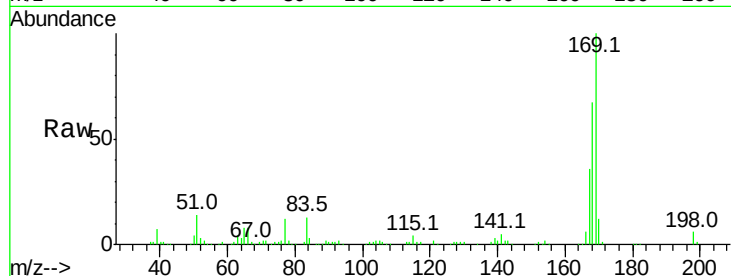




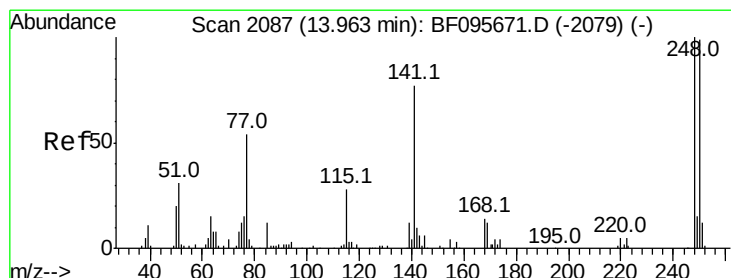
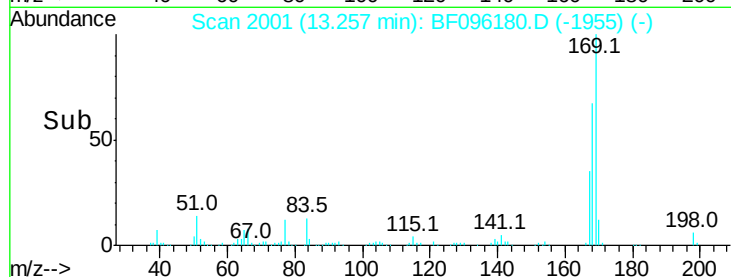
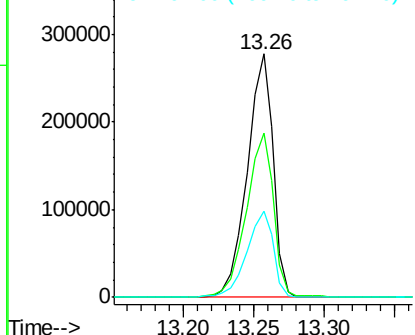
#65
n-Nitrosodiphenylamine
Concen: 39.16 ng
RT: 13.26 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 357994
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 35.6 29.5 44.3

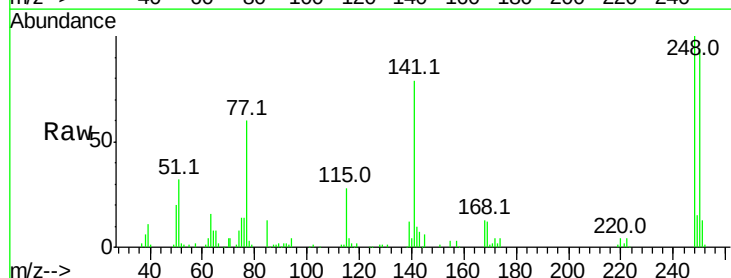


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

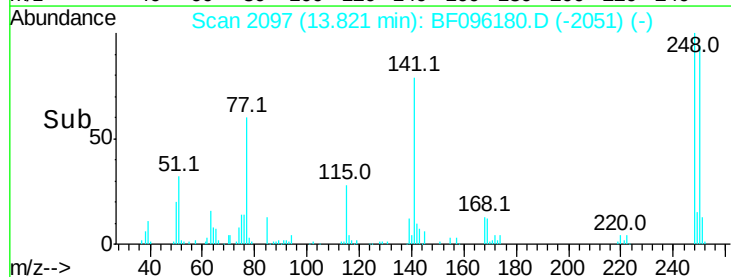
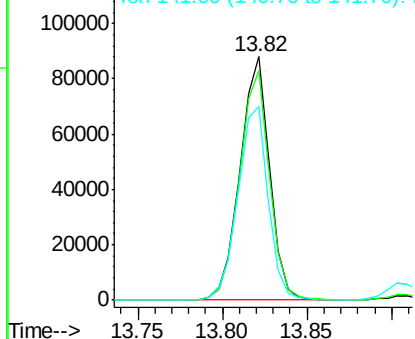


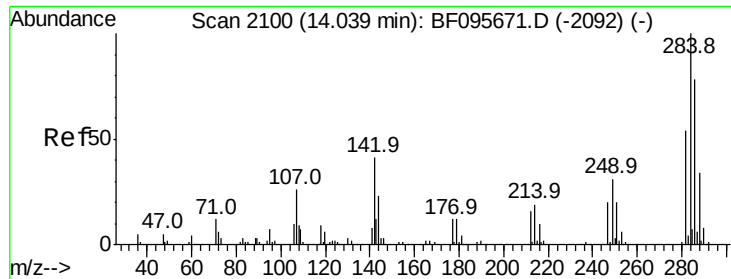
#66
4-Bromophenyl-phenylether
Concen: 40.68 ng
RT: 13.82 min Scan# 2097
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:248 Resp: 107566
Ion Ratio Lower Upper
248 100
250 94.3 76.8 115.2
141 79.4 68.6 103.0



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

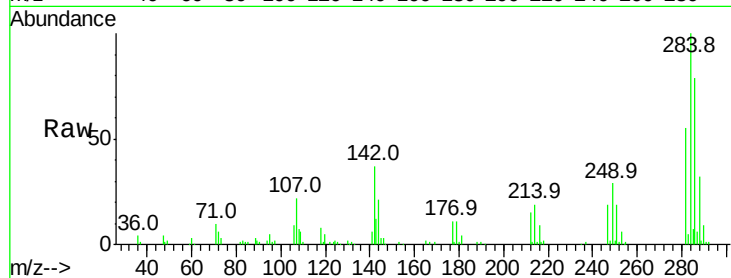




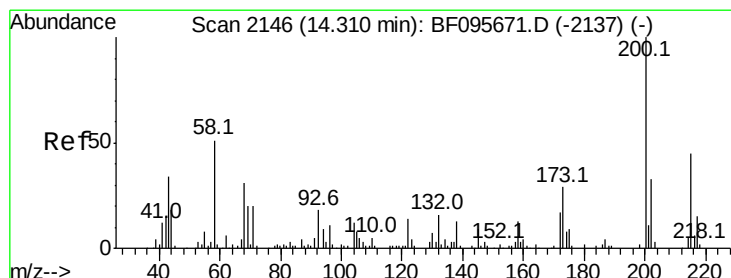
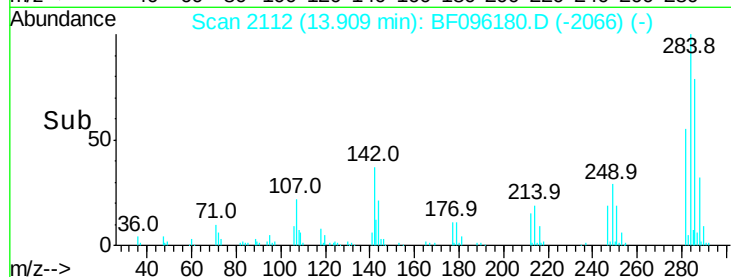
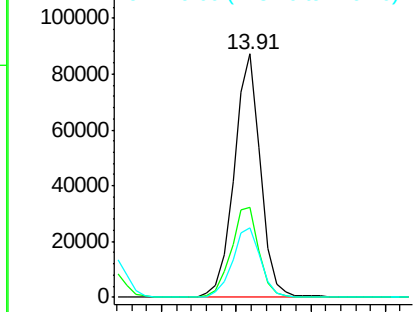
#67
Hexachlorobenzene
Concen: 41.07 ng
RT: 13.91 min Scan# 2112
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 107029
Ion Ratio Lower Upper
284 100
142 36.7 22.8 34.2#
249 28.8 24.0 36.0

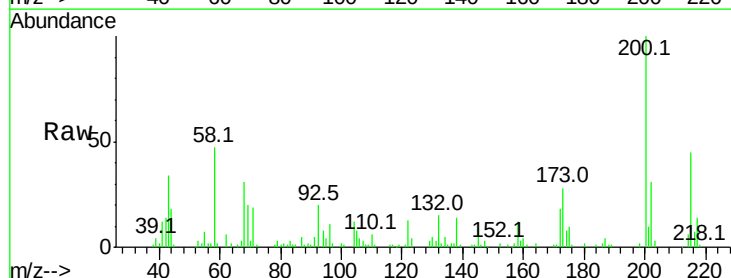


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

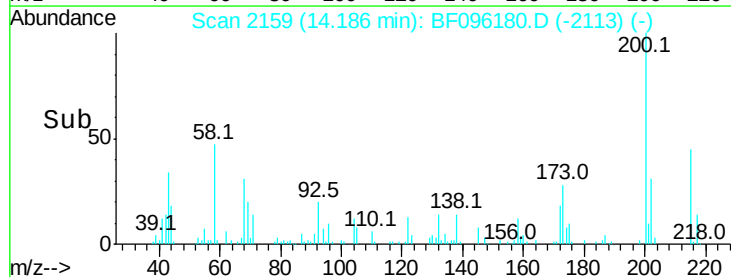
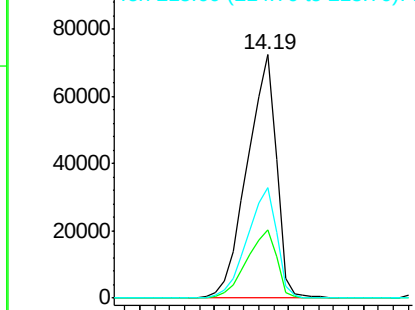


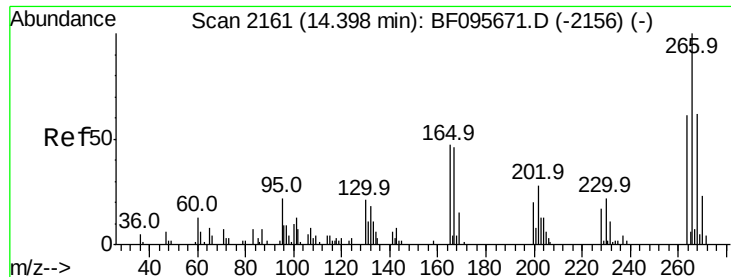
#68
Atrazine
Concen: 38.49 ng
RT: 14.19 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:200 Resp: 97946
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 45.2 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

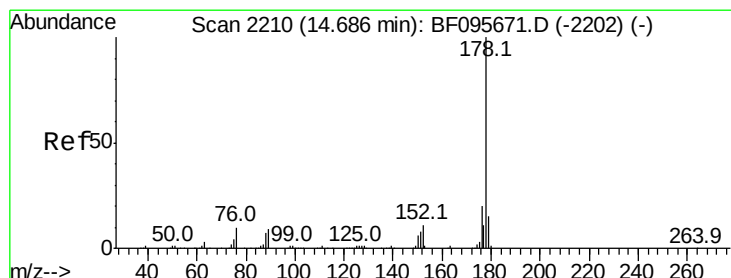
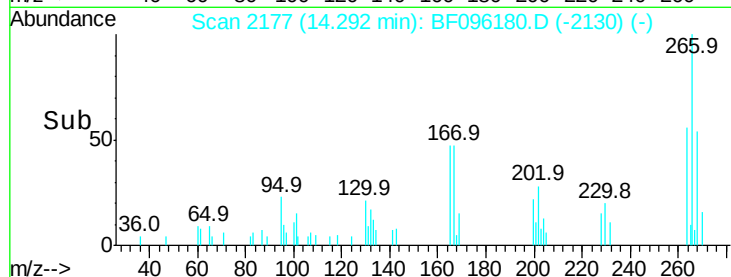
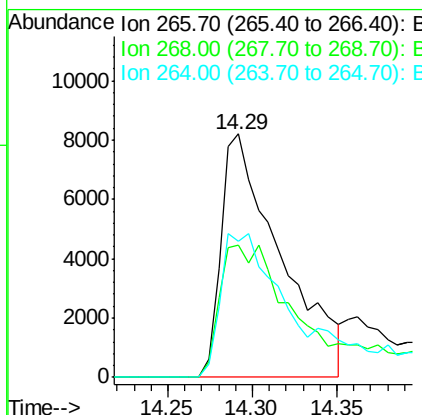
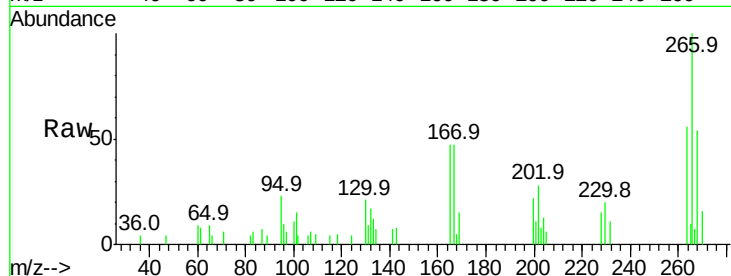




#69
 Pentachlorophenol
 Concen: 25.35 ng
 RT: 14.29 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

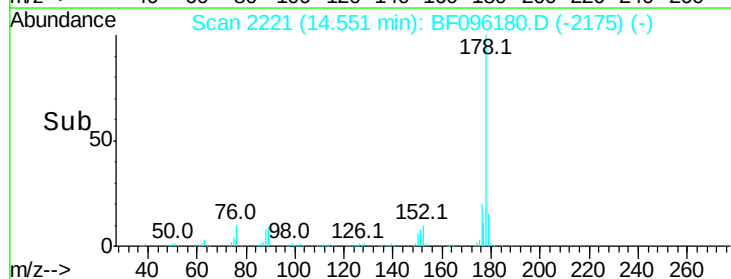
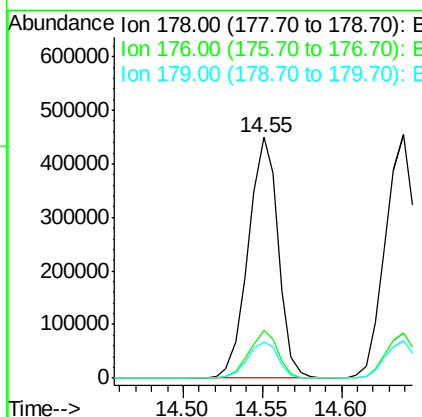
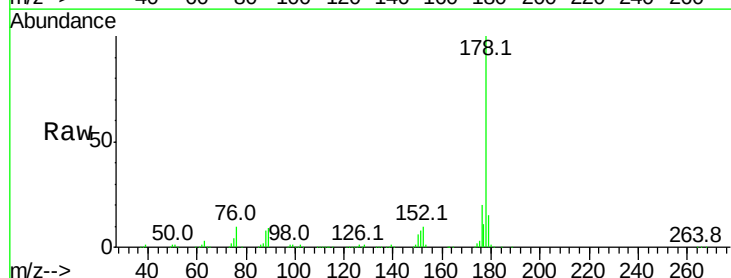
Instrument :
 BNA_F
 ClientSampled :

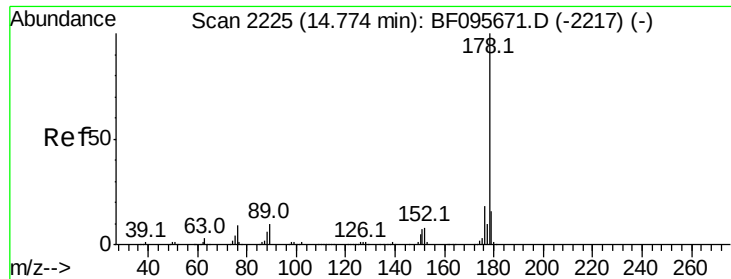
Tot Ion:266 Resp: 20191
 Ion Ratio Lower Upper
 266 100
 268 54.3 51.1 76.7
 264 55.7 51.7 77.5



#70
 Phenanthrene
 Concen: 40.25 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:178 Resp: 590850
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.0 12.6 19.0

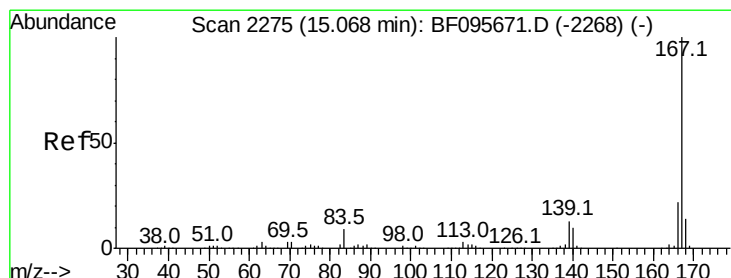
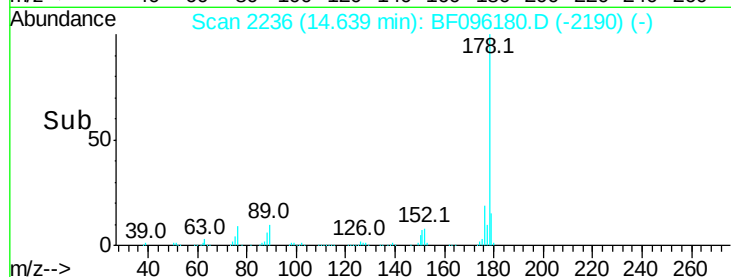
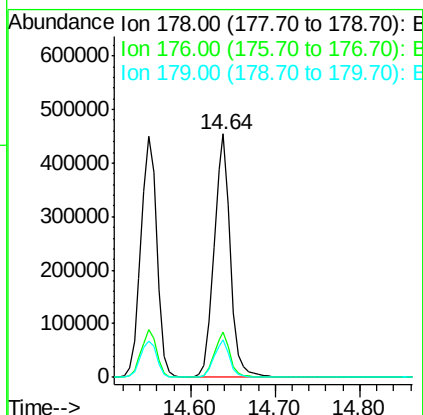
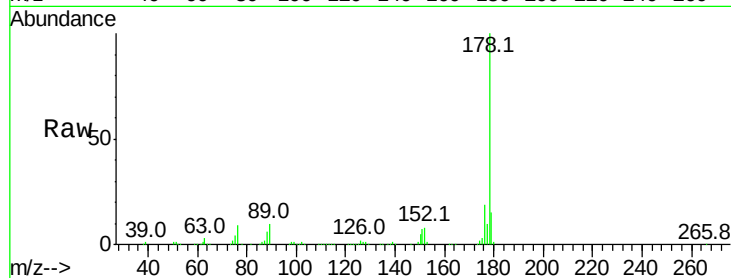




#71
 Anthracene
 Concen: 40.56 ng
 RT: 14.64 min Scan# 2236
 Delta R.T. -0.03 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

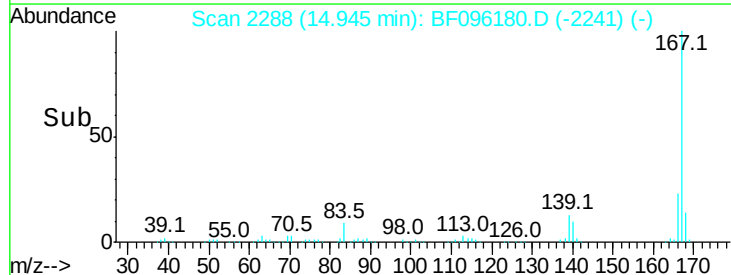
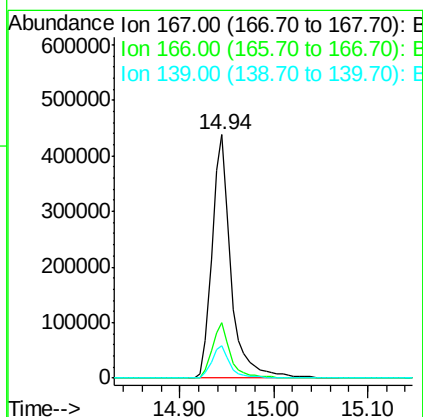
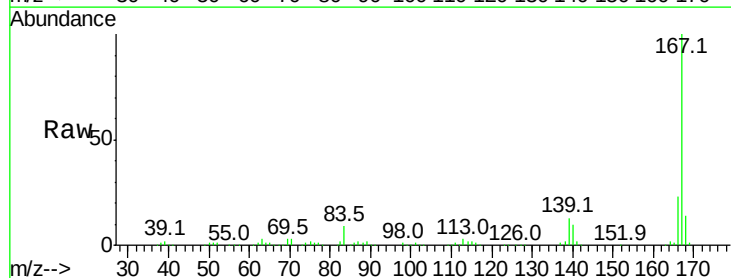
Instrument :
 BNA_F
 ClientSampleId :

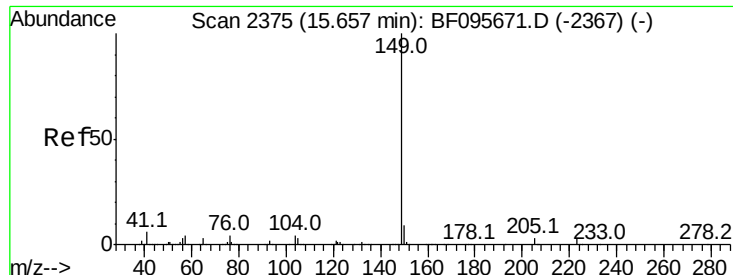
Tot Ion:178 Resp: 621656
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 41.60 ng
 RT: 14.94 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:167 Resp: 621293
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.45 ng

RT: 15.53 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

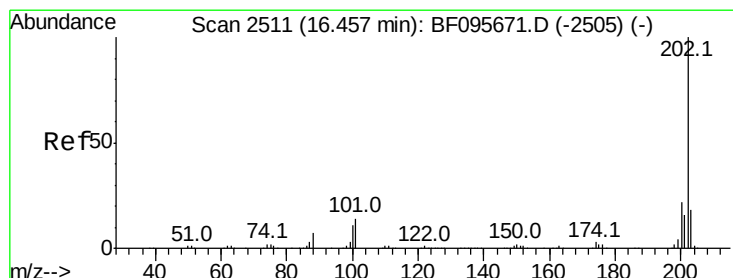
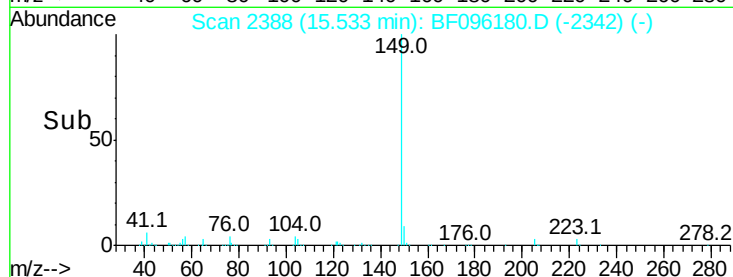
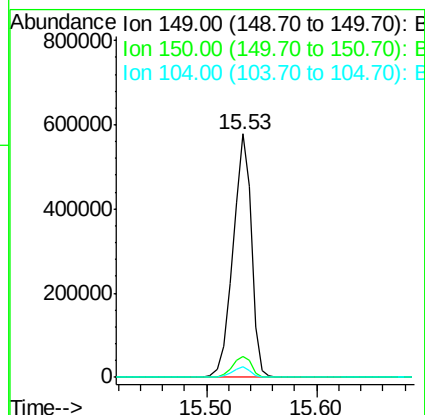
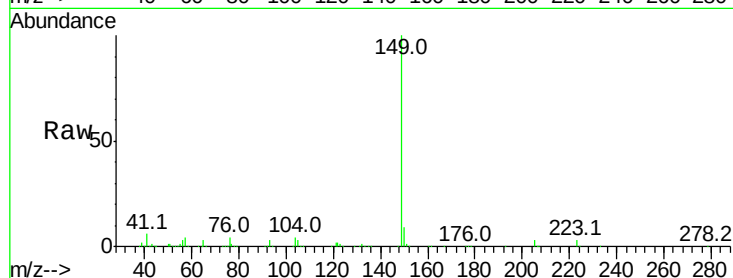
Tot Ion:149 Resp: 674594

Ion Ratio Lower Upper

149 100

150 8.6 7.7 11.5

104 4.3 4.0 6.0



#74

Fluoranthene

Concen: 42.37 ng

RT: 16.34 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

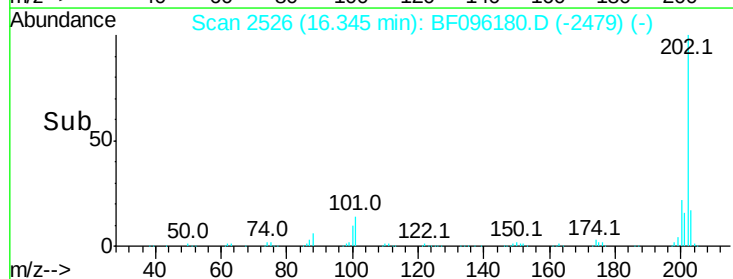
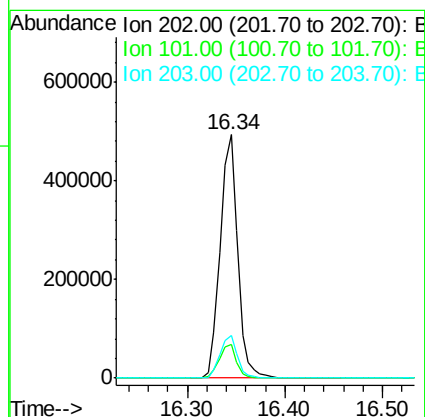
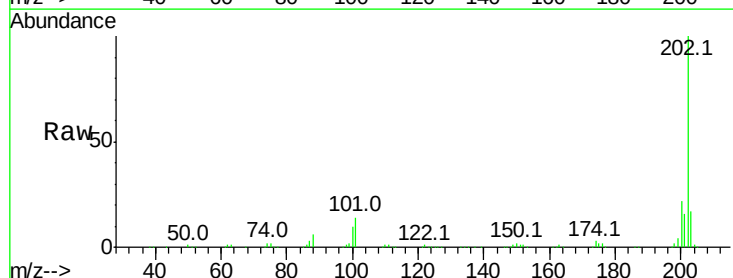
Tgt Ion:202 Resp: 615610

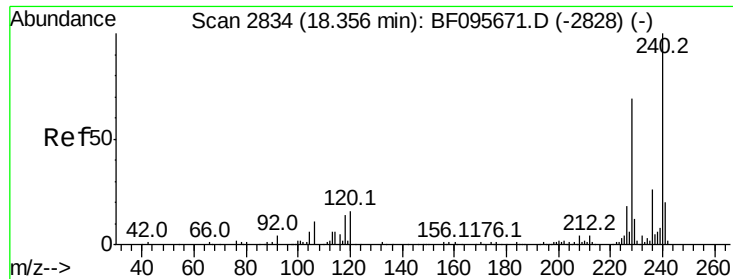
Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

203 17.5 0.0 38.1

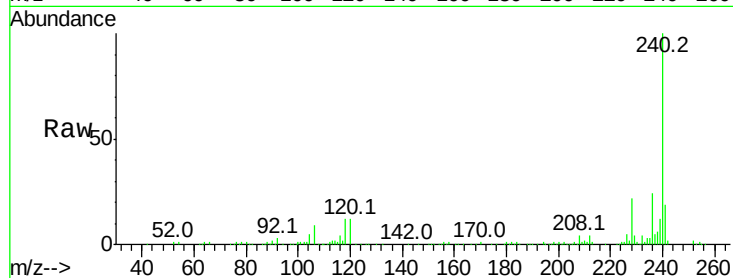




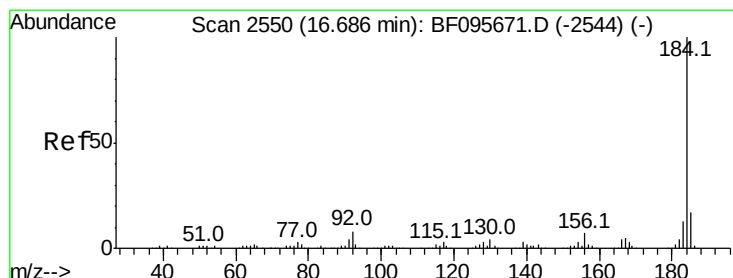
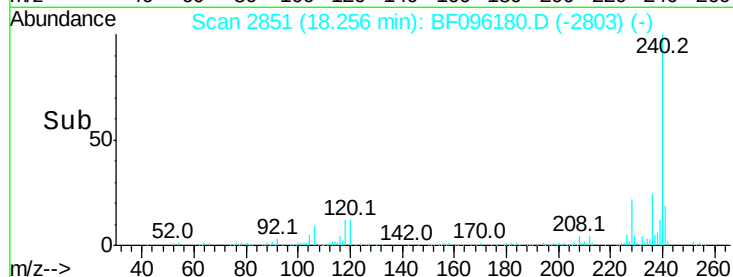
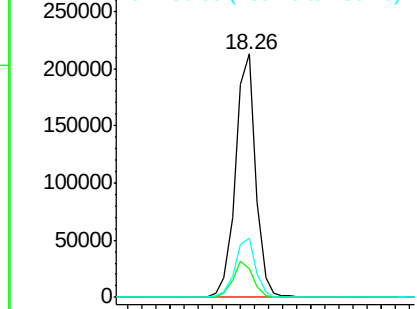
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.26 min Scan# 2851
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 210836
 Ion Ratio Lower Upper
 240 100
 120 11.9 5.8 8.8#
 236 24.2 20.5 30.7

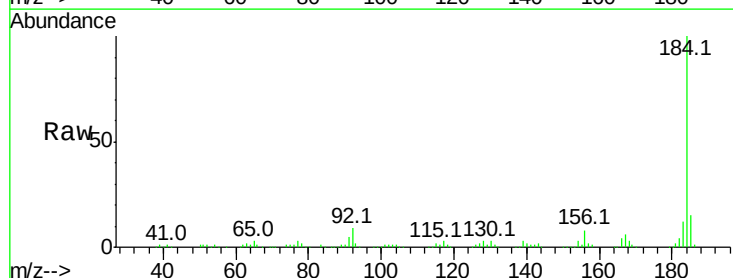


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

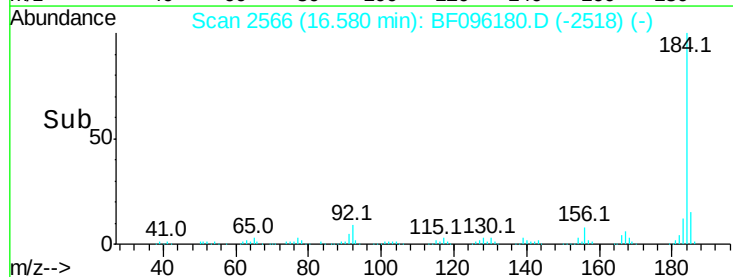
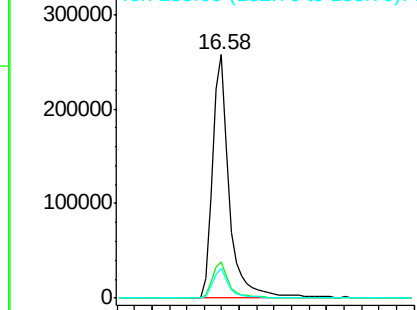


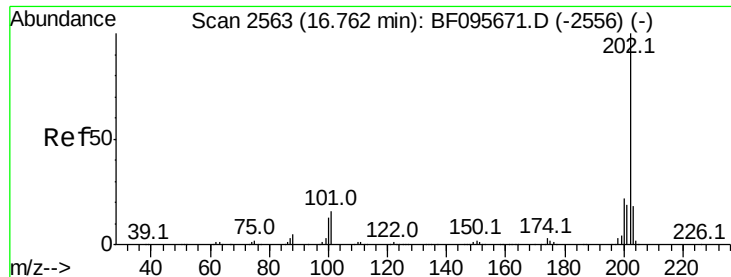
#76
 Benzidine
 Concen: 42.49 ng
 RT: 16.58 min Scan# 2566
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:184 Resp: 344092
 Ion Ratio Lower Upper
 184 100
 185 14.6 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

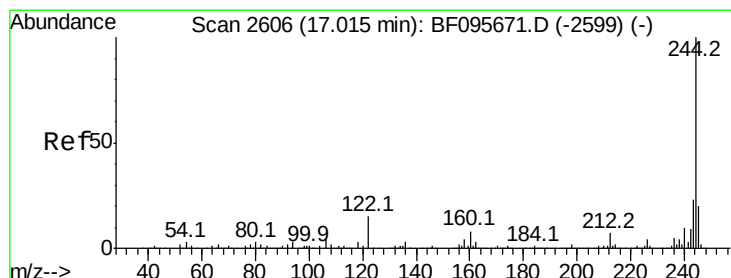
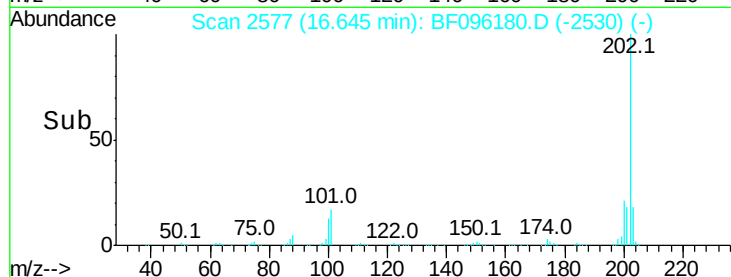
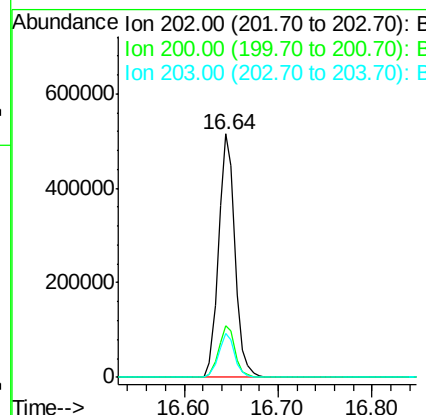
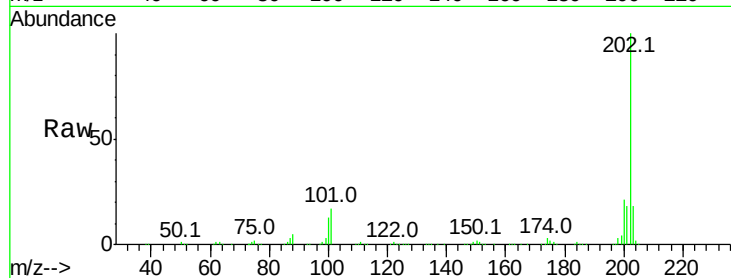




#77
Pvrene
Concen: 40.15 ng
RT: 16.64 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

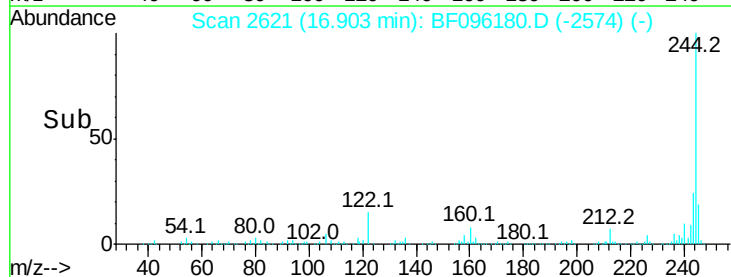
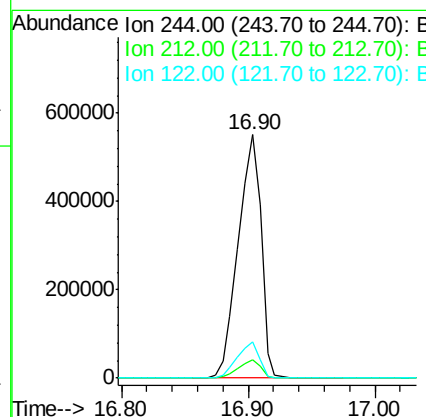
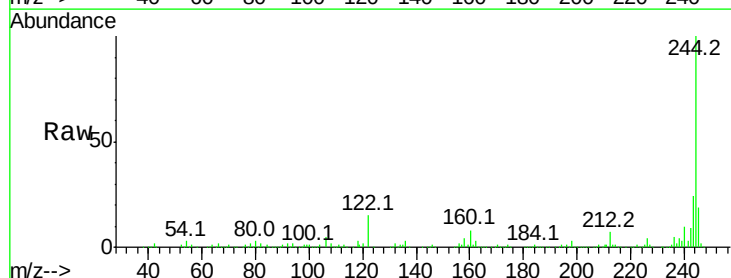
Instrument :
BNA_F
ClientSampleId :

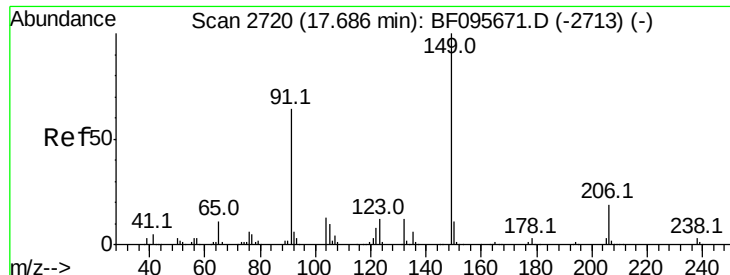
Tot Ion:202 Resp: 631591
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 80.42 ng
RT: 16.90 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:244 Resp: 683198
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 14.7 10.3 15.5

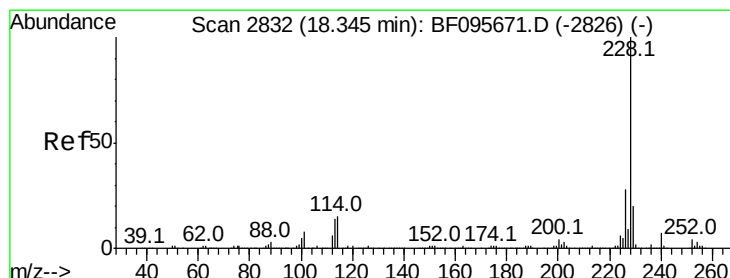
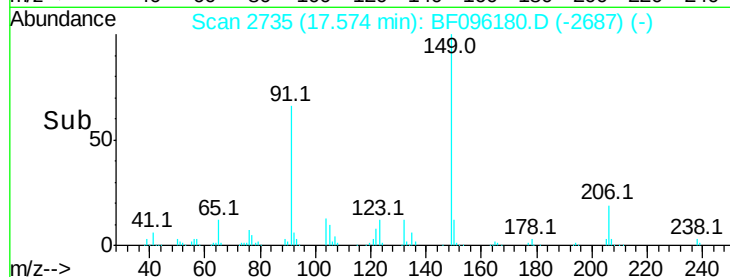
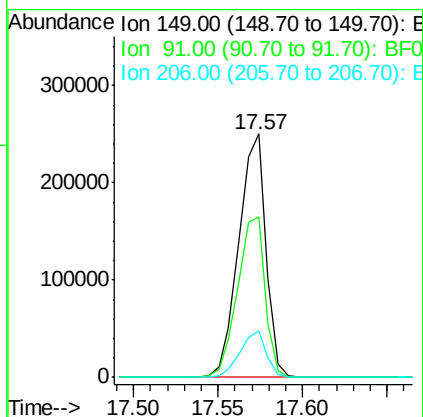
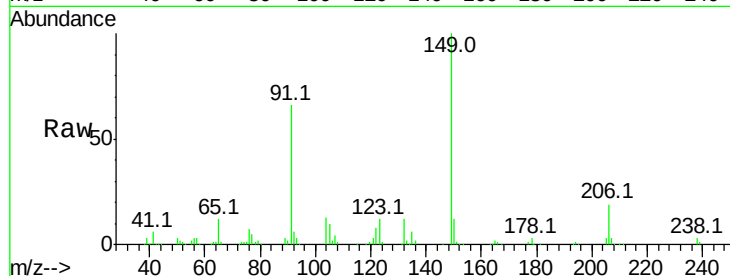




#79
Butylbenzylphthalate
Concen: 40.89 ng
RT: 17.57 min Scan# 2735
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

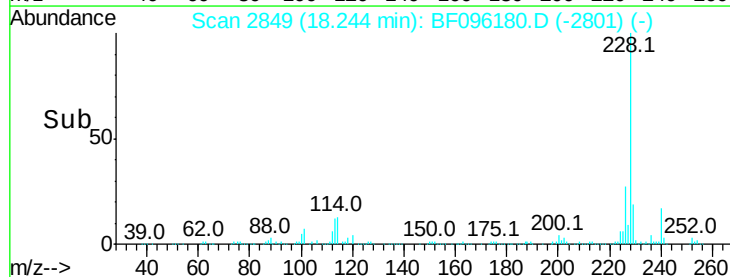
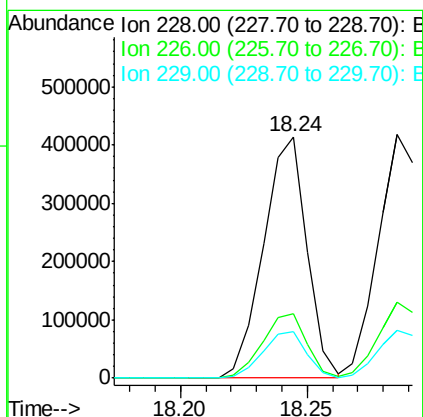
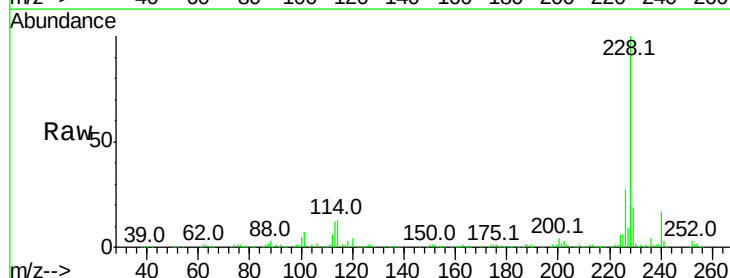
Instrument :
BNA_F
ClientSampleId :

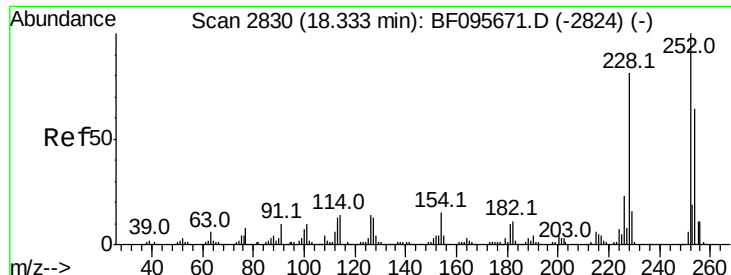
Tot Ion:149 Resp: 280940
Ion Ratio Lower Upper
149 100
91 66.1 45.0 67.4
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.43 ng
RT: 18.24 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion:228 Resp: 495549
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 19.5 16.3 24.5

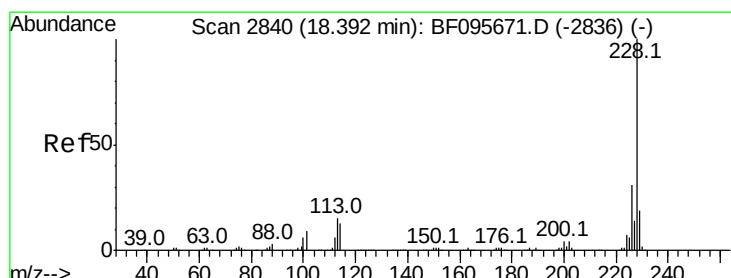
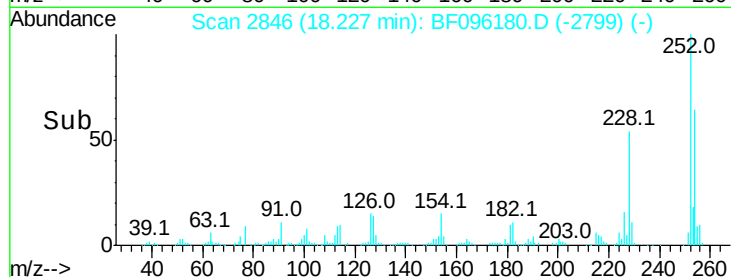
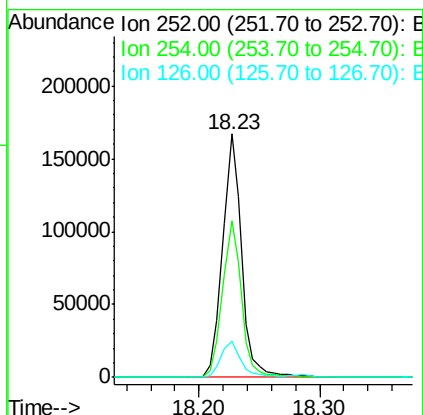
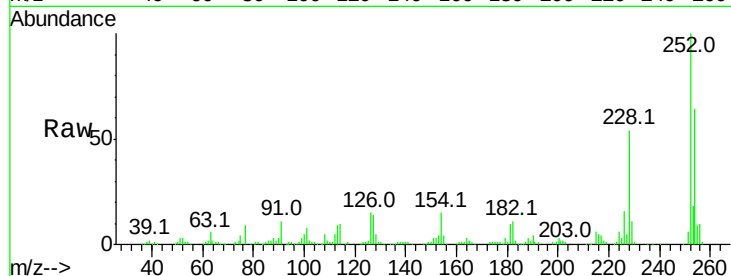




#81
 3,3'-Dichlorobenzidine
 Concen: 41.74 ng
 RT: 18.23 min Scan# 2846
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

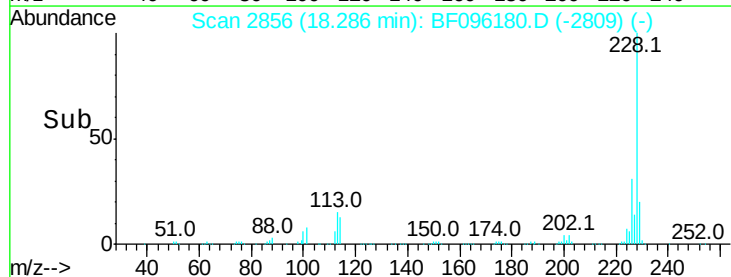
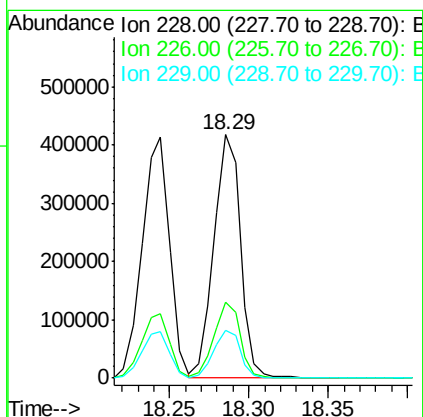
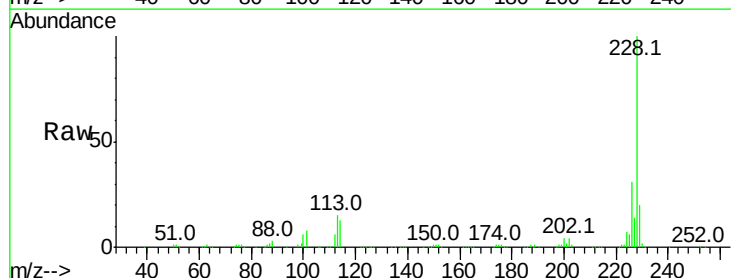
Instrument :
 BNA_F
 ClientSampleId :

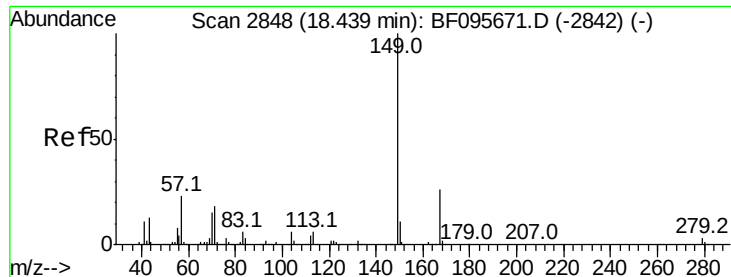
Tot Ion:252 Resp: 181891
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 15.1 15.8 23.8#



#82
 Chrysene
 Concen: 39.79 ng
 RT: 18.29 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:228 Resp: 487442
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.8 15.8 23.6

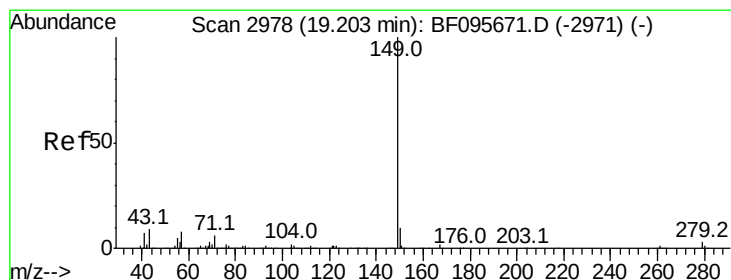
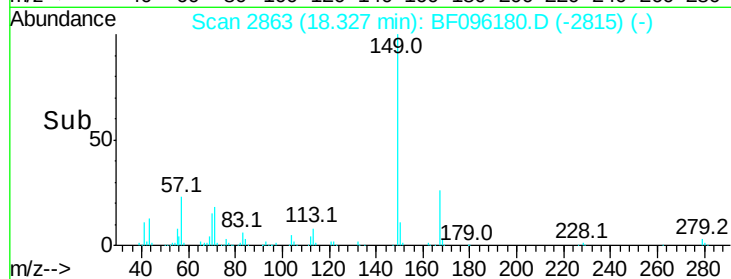
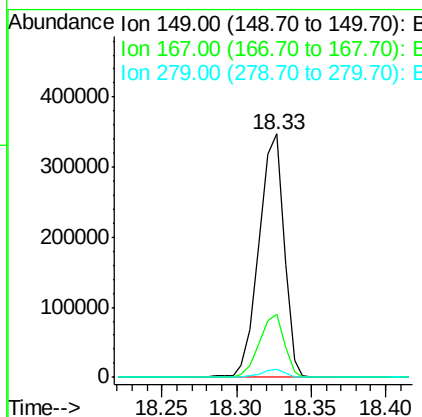
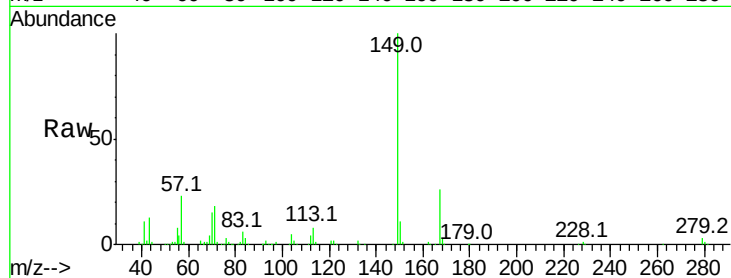




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.41 ng
 RT: 18.33 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

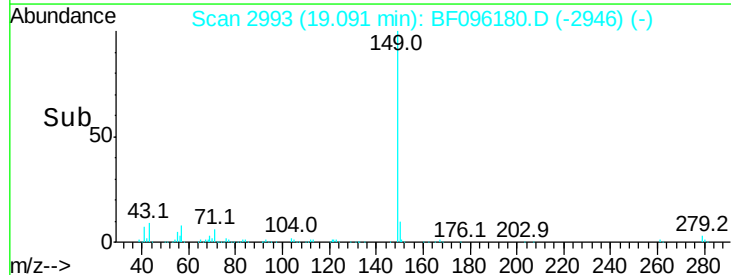
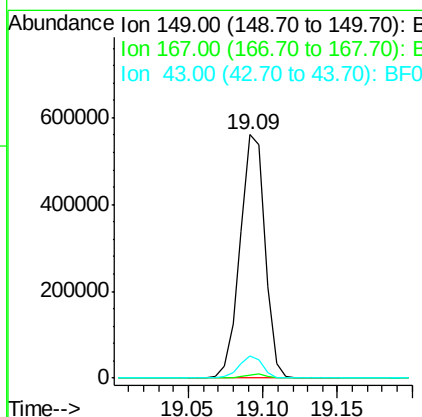
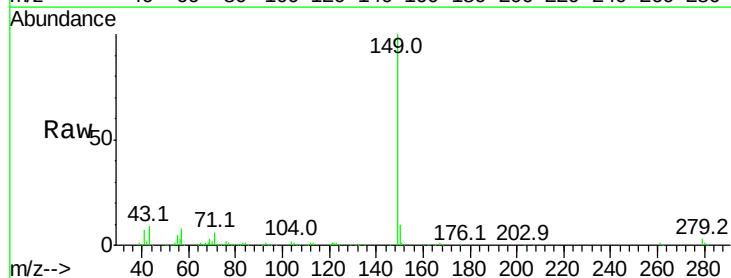
Instrument :
 BNA_F
 ClientSampleId :

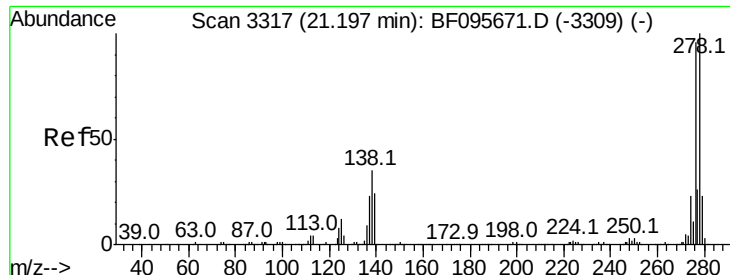
Tot Ion:149 Resp: 401295
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 40.85 ng
 RT: 19.09 min Scan# 2993
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion:149 Resp: 652445
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.5 12.7

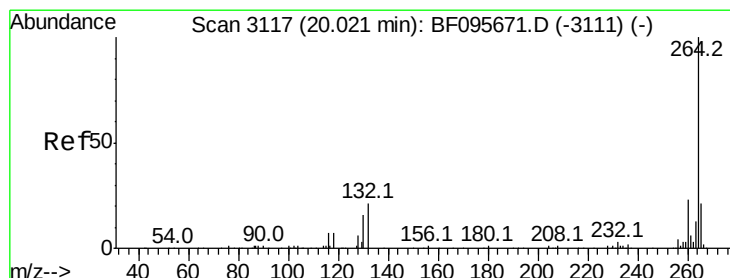
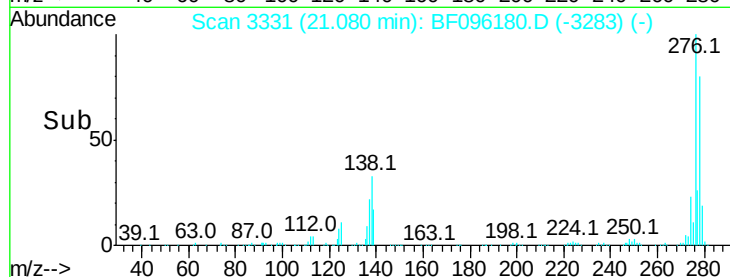
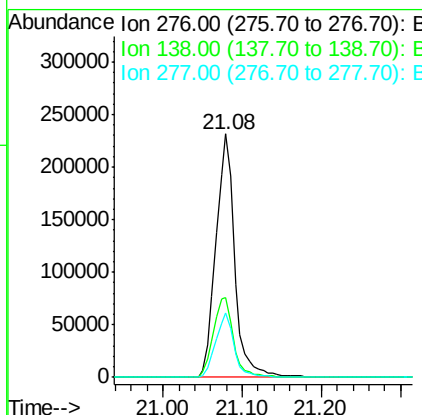
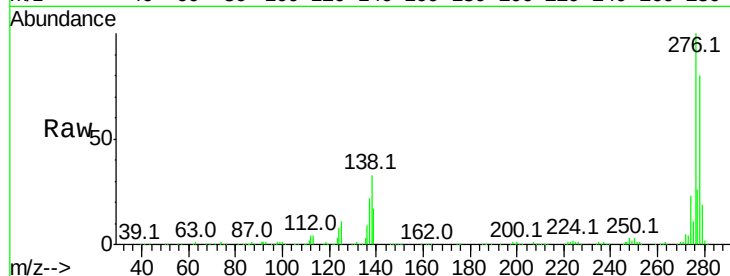




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.51 ng
 RT: 21.08 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

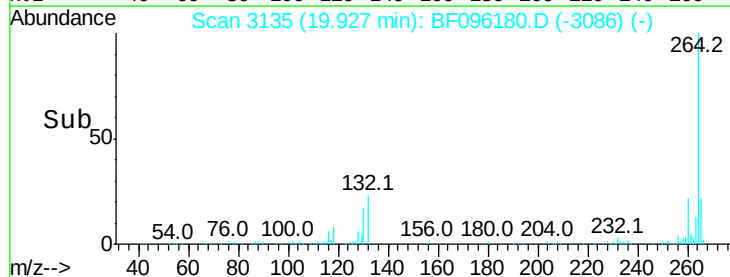
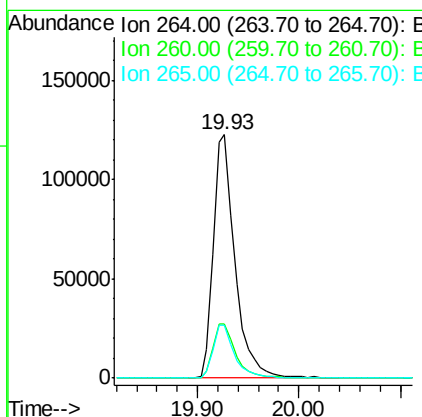
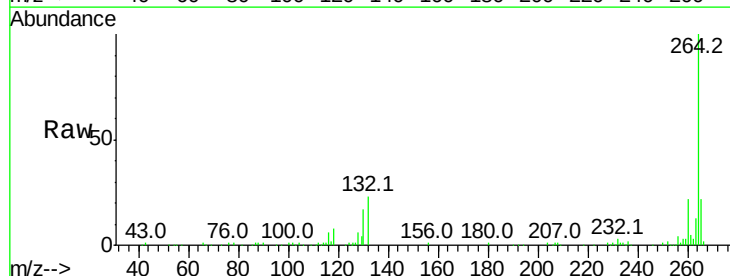
Instrument :
 BNA_F
 ClientSampleId :

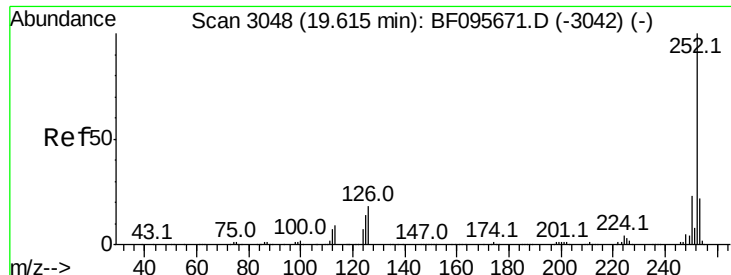
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BF096180.D
 Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.7	17.2	25.8

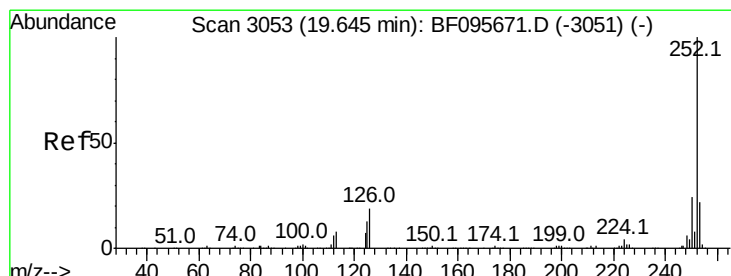
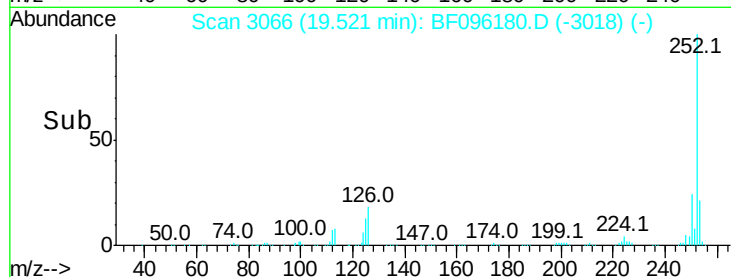
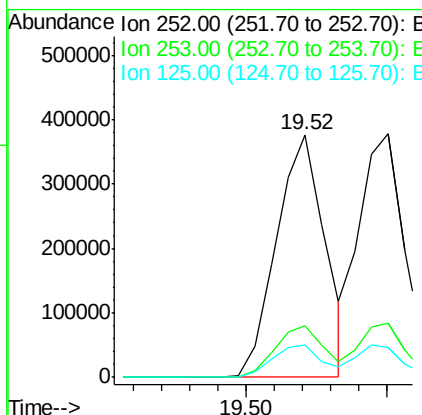
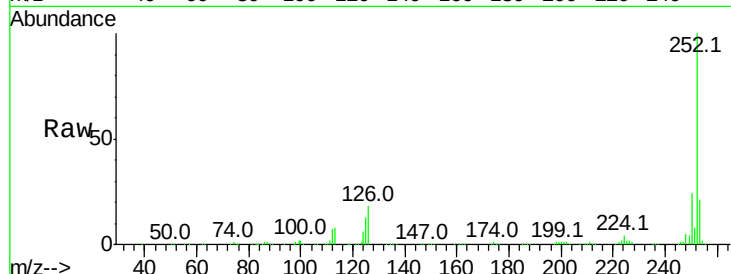




#87
Benzo(b)fluoranthene
Concen: 39.45 ng
RT: 19.52 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

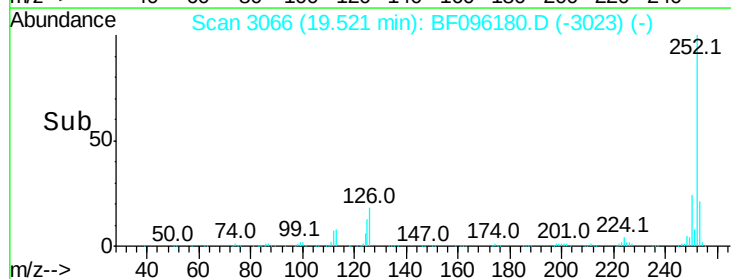
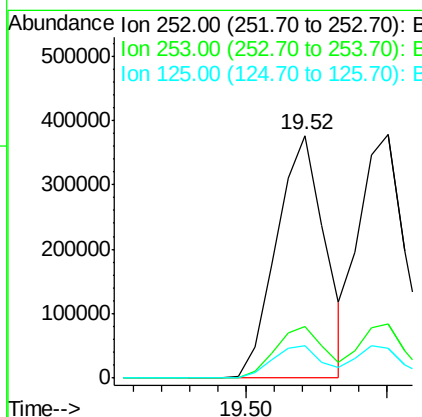
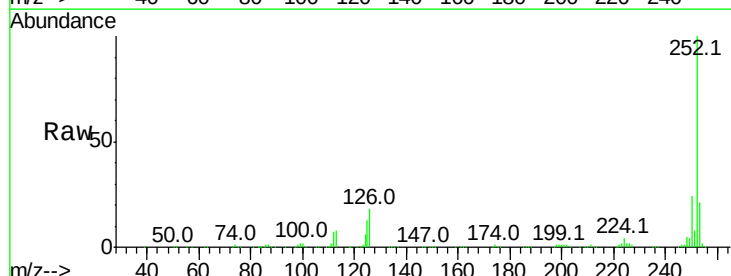
Instrument :
BNA_F
ClientSampleId :

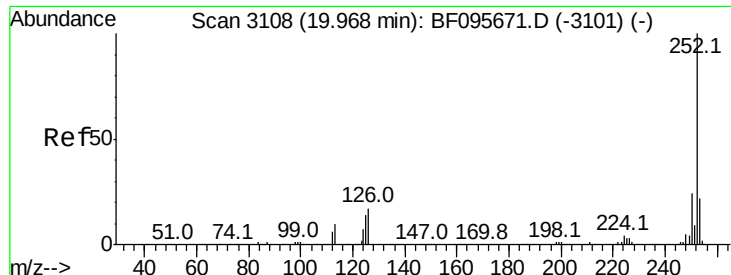
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.2	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 41.27 ng
RT: 19.52 min Scan# 3066
Delta R.T. -0.05 min
Lab File: BF096180.D
Acq: 24 Jun 2017 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.2	13.1	19.7





#89

Benzo(a)pyrene

Concen: 40.06 ng

RT: 19.87 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

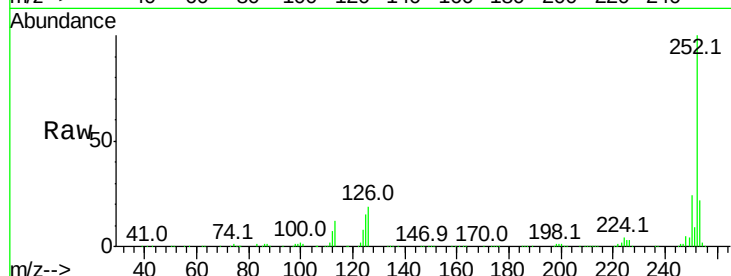
Tot Ion:252 Resp: 418405

Ion Ratio Lower Upper

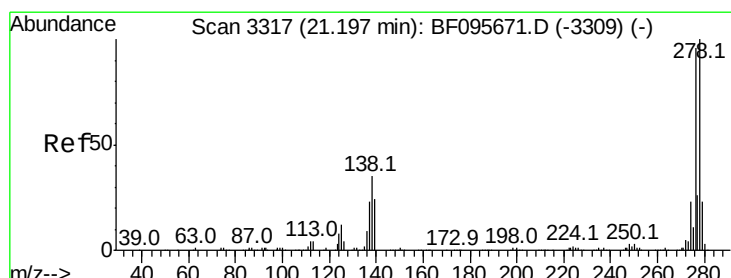
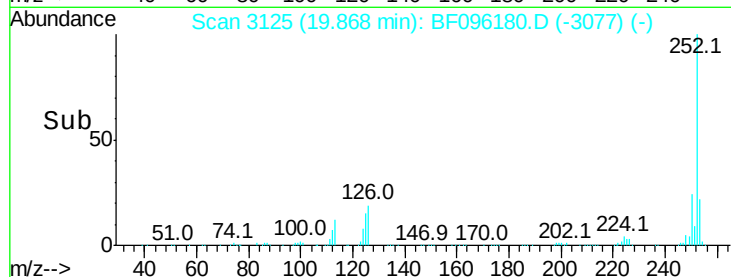
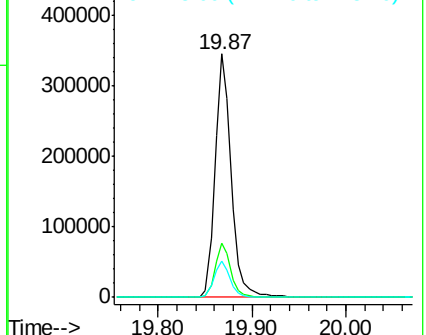
252 100

253 22.3 17.5 26.3

125 15.1 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: 37.00 ng

RT: 21.07 min Scan# 3330

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

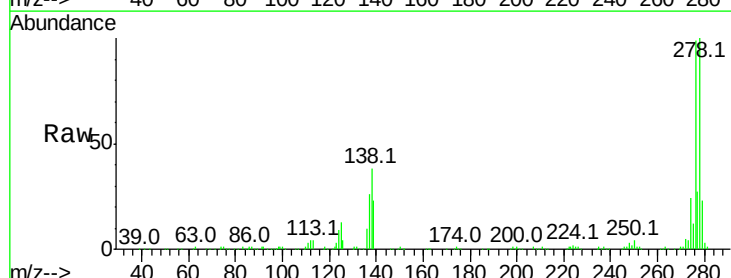
Tgt Ion:278 Resp: 327833

Ion Ratio Lower Upper

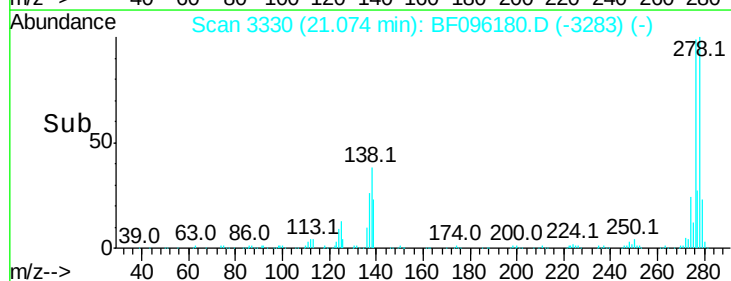
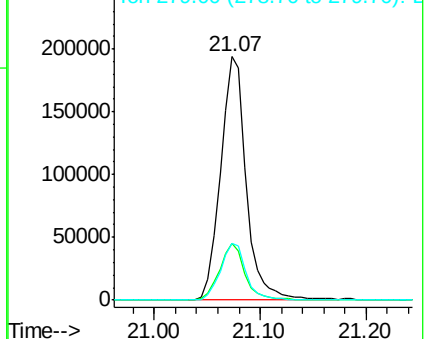
278 100

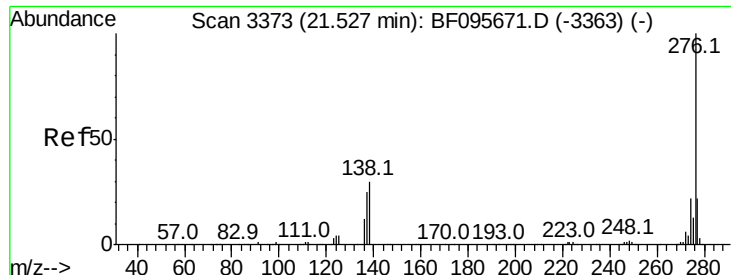
139 23.1 16.6 24.8

279 23.4 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: 36.65 ng

RT: 21.40 min Scan# 3385

Delta R.T. -0.02 min

Lab File: BF096180.D

Acq: 24 Jun 2017 9:36

Instrument :

BNA_F

ClientSampleId :

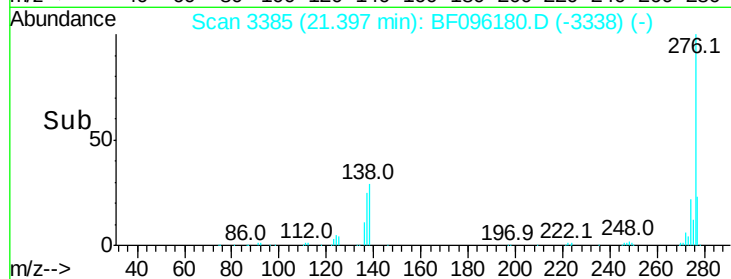
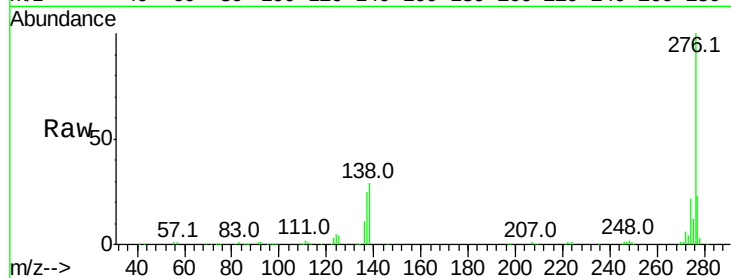
Tot Ion:276 Resp: 331023

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 29.3 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

