

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096203.D
 Acq On : 25 Jun 2017 00:32
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:25:37 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	56799	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	217916	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	84293	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	144047	20.00	ng	-0.03
75) Chrysene-d12	18.26	240	121443	20.00	ng	-0.02
86) Perylene-d12	19.93	264	92998	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	308995	86.69	ng	-0.04
7) Phenol-d6	6.85	99	343525	80.50	ng	-0.03
23) Nitrobenzene-d5	8.19	82	296858	84.60	ng	-0.03
41) 2,4,6-Tribromophenol	13.42	330	57806	77.51	ng	-0.03
44) 2-Fluorobiphenyl	11.08	172	546064	90.15	ng	-0.03
78) Terphenyl-d14	16.90	244	423504	86.54	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.55	88	100521	59.28	ng	# 69
3) Pyridine	2.08	79	155420	39.00	ng	97
4) n-Nitrosodimethylamine	2.05	42	60189	39.72	ng	# 78
6) Aniline	6.76	93	233996	41.91	ng	94
8) 2-Chlorophenol	6.96	128	157314	41.51	ng	95
9) Benzaldehyde	6.57	77	110047	38.23	ng	99
10) Phenol	6.87	94	184919	41.77	ng	94
11) bis(2-Chloroethyl)ether	6.91	93	155132	44.24	ng	97
12) 1,3-Dichlorobenzene	7.16	146	179280	41.79	ng	98
13) 1,4-Dichlorobenzene	7.29	146	183108	42.09	ng	97
14) 1,2-Dichlorobenzene	7.52	146	170815	42.59	ng	97
15) Benzyl Alcohol	7.59	79	112546	38.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.77	45	202584	41.12	ng	95
17) 2-Methylphenol	7.82	107	132551	41.67	ng	94
18) Hexachloroethane	8.03	117	44278	30.82	ng	# 83
19) n-Nitroso-di-n-propylamine	8.00	70	111479	41.22	ng	93
20) 3+4-Methylphenols	8.09	107	175114	43.37	ng	# 56
22) Acetophenone	7.96	105	217930	42.73	ng	# 82
24) Nitrobenzene	8.22	77	157657	42.06	ng	95
25) Isophorone	8.62	82	266636	40.70	ng	95
26) 2-Nitrophenol	8.73	139	56017	28.54	ng	95
27) 2,4-Dimethylphenol	8.89	122	130779	42.93	ng	97
28) bis(2-Chloroethoxy)methane	9.00	93	183827	42.56	ng	99
29) 2,4-Dichlorophenol	9.19	162	111750	38.09	ng	99
30) 1,2,4-Trichlorobenzene	9.23	180	126455	41.43	ng	97
31) Naphthalene	9.33	128	442092	40.42	ng	100
32) Benzoic acid	9.23	122	16514	12.87	ng	96
33) 4-Chloroaniline	9.49	127	175788	41.12	ng	# 92
34) Hexachlorobutadiene	9.55	225	66664	42.27	ng	99
35) Caprolactam	10.13	113	33409	38.27	ng	86
36) 4-Chloro-3-methylphenol	10.38	107	117528	38.27	ng	# 87
37) 2-Methylnaphthalene	10.46	142	290302	39.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	111039	44.02	ng	98
42) 2,4,6-Trichlorophenol	10.99	196	68320	42.12	ng	99

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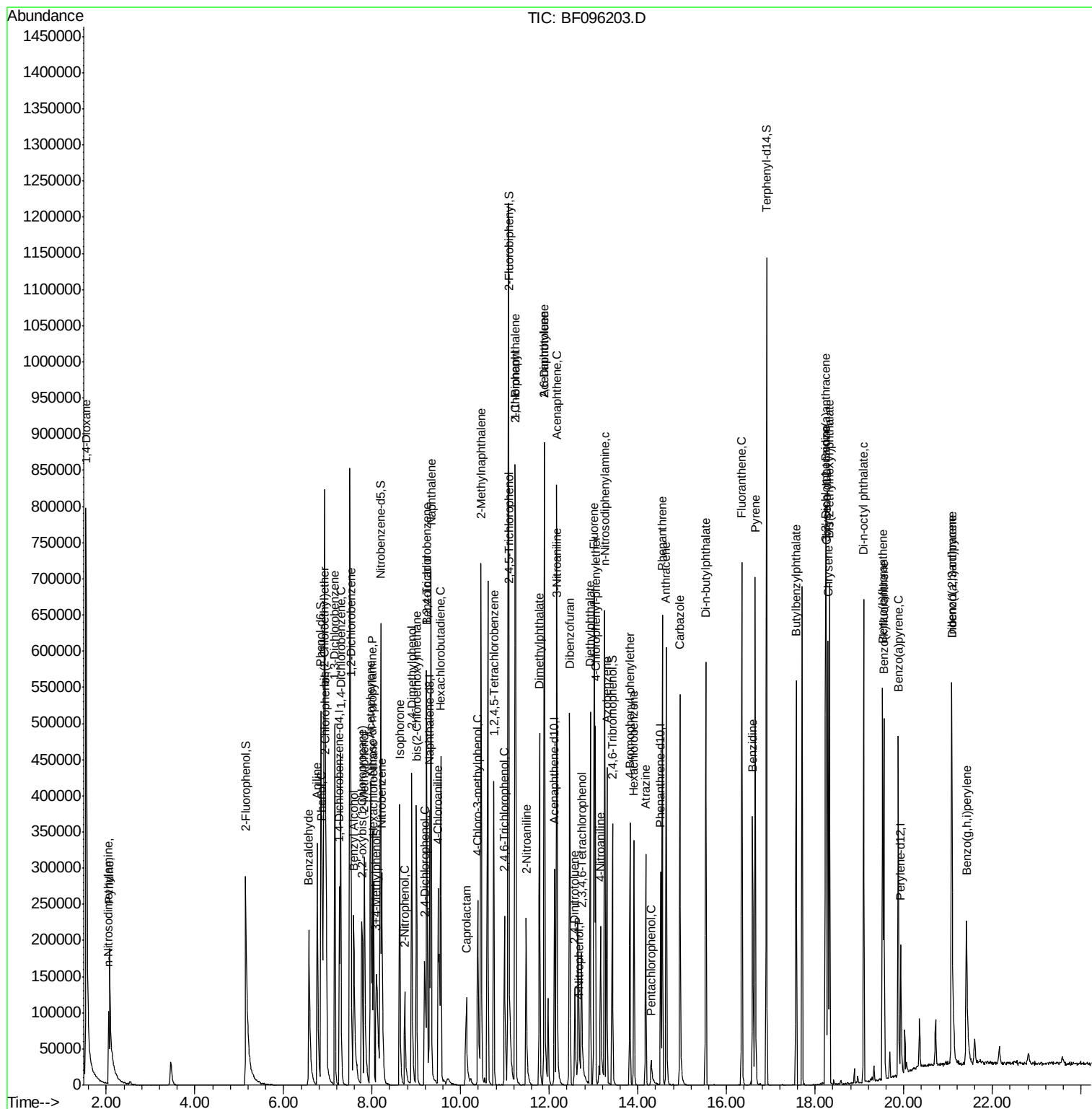
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.09	196	70238	40.71	ng	94
45) 1,1'-Biphenyl	11.23	154	311646	44.86	ng	97
46) 2-Chloronaphthalene	11.24	162	234703	43.24	ng	95
47) 2-Nitroaniline	11.47	65	69239	43.59	ng	# 81
48) Acenaphthylene	11.89	152	370056	39.87	ng	98
49) Dimethylphthalate	11.78	163	277176	43.31	ng	99
50) 2,6-Dinitrotoluene	11.89	165	48185	34.52	ng	# 62
51) Acenaphthene	12.17	154	217546	40.58	ng	99
52) 3-Nitroaniline	12.16	138	74357	45.72	ng	87
54) Dibenzofuran	12.46	168	302939	40.15	ng	97
55) 4-Nitrophenol	12.68	139	23404	27.85	ng	# 72
56) 2,4-Dinitrotoluene	12.57	165	59001	31.29	ng	# 88
57) Fluorene	13.01	166	260900	39.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.73	232	45326	38.40	ng	# 88
59) Diethylphthalate	12.92	149	261666	42.48	ng	99
60) 4-Chlorophenyl-phenylether	13.04	204	114935	40.25	ng	89
61) 4-Nitroaniline	13.16	138	68413	45.05	ng	93
62) Azobenzene	13.30	77	208722	37.39	ng	94
65) n-Nitrosodiphenylamine	13.25	169	216189	41.77	ng	98
66) 4-Bromophenyl-phenylether	13.82	248	61717	41.23	ng	95
67) Hexachlorobenzene	13.91	284	61202	41.49	ng	# 87
68) Atrazine	14.18	200	55251	38.35	ng	96
69) Pentachlorophenol	14.30	266	15325	31.74	ng	86
70) Phenanthrene	14.55	178	342925	41.26	ng	98
71) Anthracene	14.64	178	359334	41.41	ng	97
72) Carbazole	14.94	167	365269	43.20	ng	98
73) Di-n-butylphthalate	15.53	149	400667	44.54	ng	98
74) Fluoranthene	16.34	202	370092	44.99	ng	99
76) Benzidine	16.59	184	251855	54.00	ng	# 94
77) Pyrene	16.65	202	382255	42.18	ng	98
79) Butylbenzylphthalate	17.57	149	172750	43.65	ng	90
80) Benzo(a)anthracene	18.24	228	288643	40.88	ng	99
81) 3,3'-Dichlorobenzidine	18.23	252	116343	46.35	ng	# 97
82) Chrysene	18.29	228	288896	40.94	ng	99
83) Bis(2-ethylhexyl)phthalate	18.33	149	251835	45.11	ng	99
84) Di-n-octyl phthalate	19.09	149	416078	45.23	ng	# 95
85) Indeno(1,2,3-cd)pyrene	21.09	276	216185	35.81	ng	99
87) Benzo(b)fluoranthene	19.52	252	249339	42.82	ng	99
88) Benzo(k)fluoranthene	19.55	252	230287	41.37	ng	95
89) Benzo(a)pyrene	19.87	252	221160	41.32	ng	98
90) Dibenzo(a,h)anthracene	21.08	278	185596	40.88	ng	98
91) Benzo(g,h,i)perylene	21.42	276	181429	39.20	ng	95

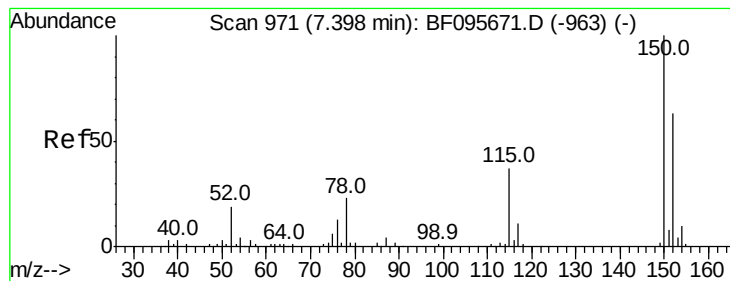
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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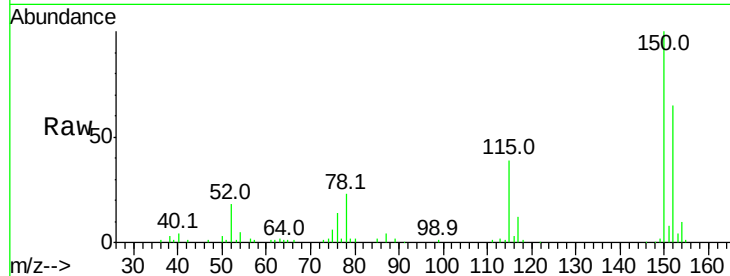


#1

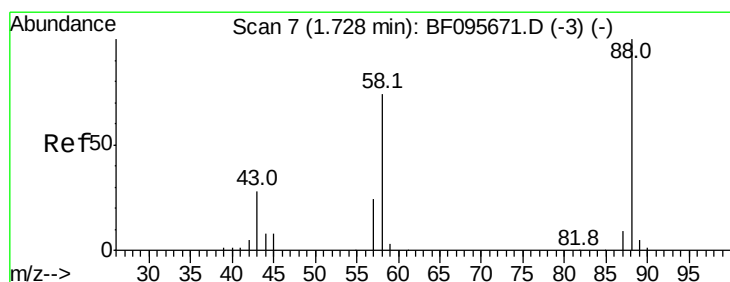
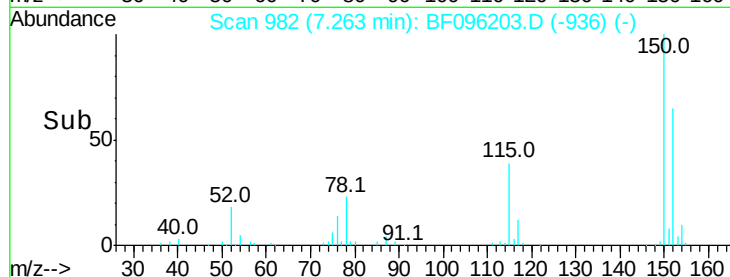
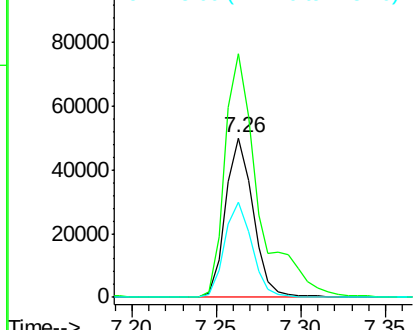
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56799
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 59.5 52.2 78.2



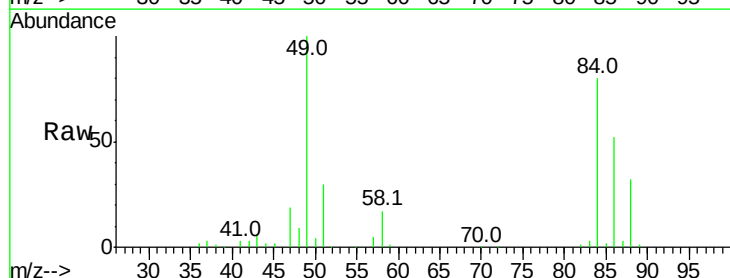
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



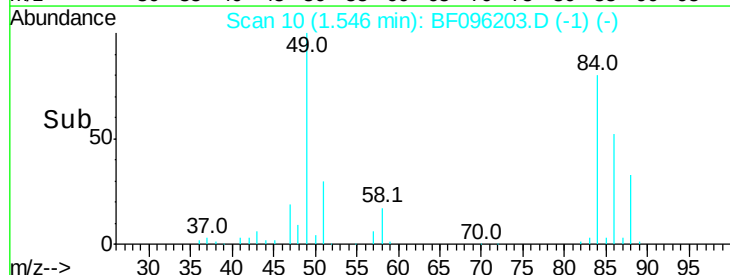
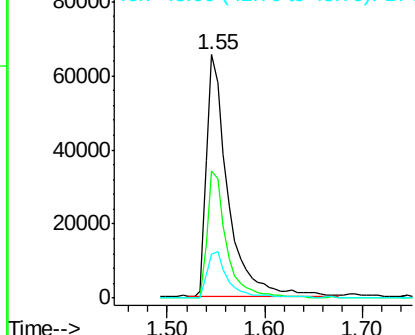
#2

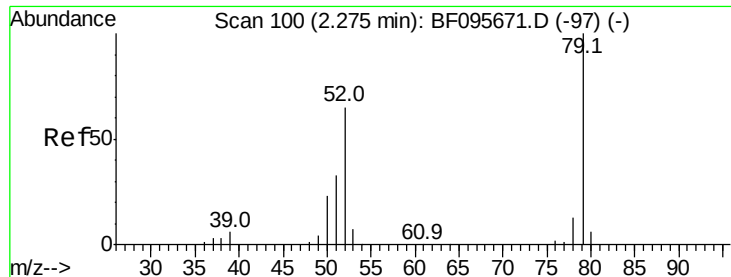
1,4-Dioxane
Concen: 59.28 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion: 88 Resp: 100521
Ion Ratio Lower Upper
88 100
58 46.8 61.4 92.0#
43 18.5 23.4 35.0#



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





#3

Pvridine

Concen: 39.00 ng

RT: 2.08 min Scan# 100

Delta R.T. -0.06 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampled :

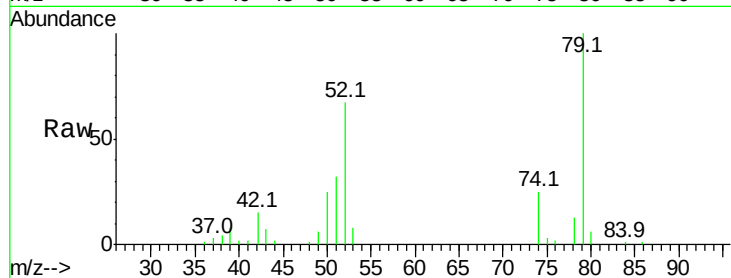
Tot Ion: 79 Resp: 155420

Ion Ratio Lower Upper

79 100

52 66.6 54.8 82.2

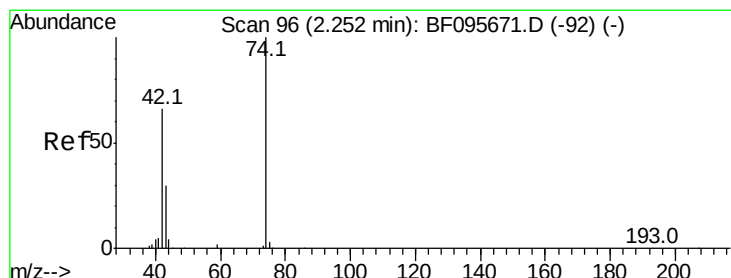
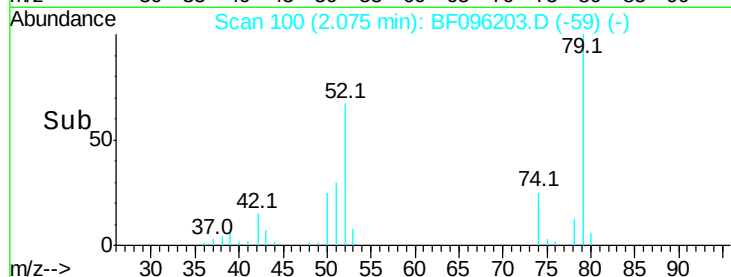
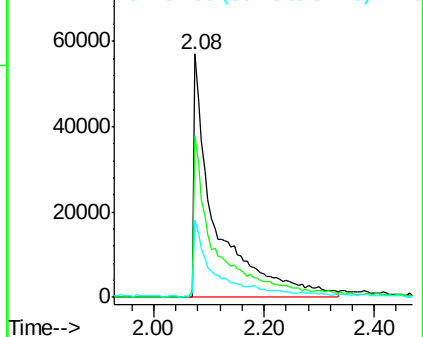
51 31.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.72 ng

RT: 2.05 min Scan# 96

Delta R.T. -0.06 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

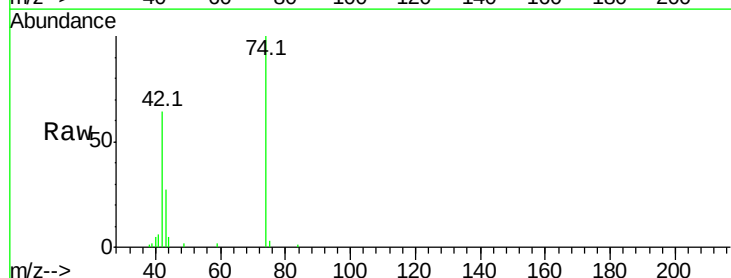
Tgt Ion: 42 Resp: 60189

Ion Ratio Lower Upper

42 100

74 157.3 103.9 155.9#

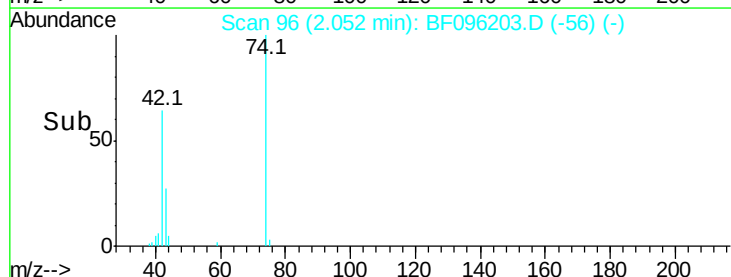
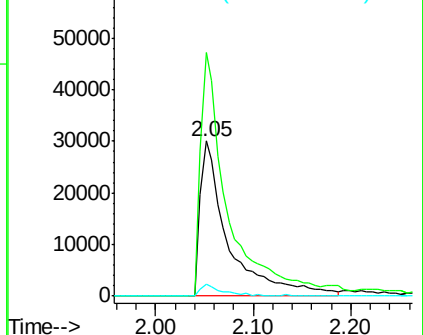
44 7.5 5.7 8.5

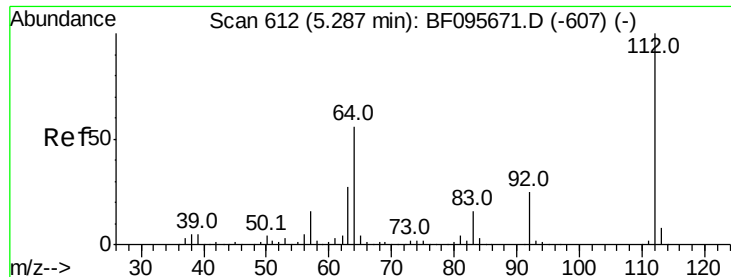


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.69 ng

RT: 5.15 min Scan# 622

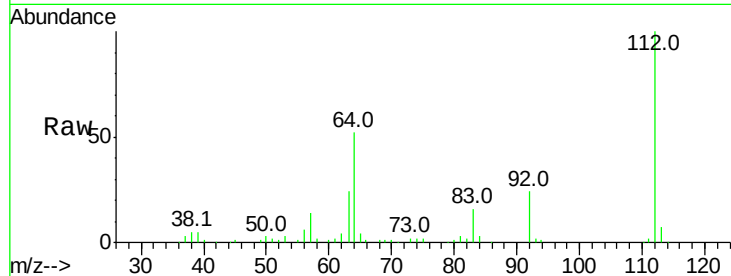
Delta R.T. -0.04 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

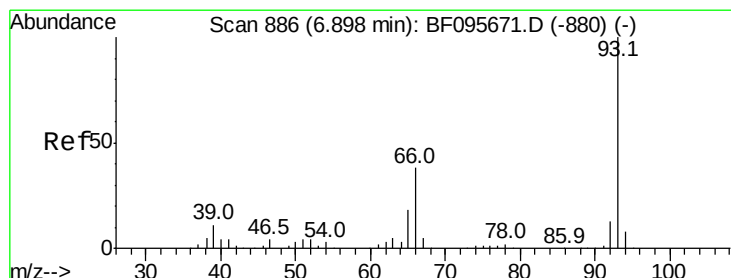
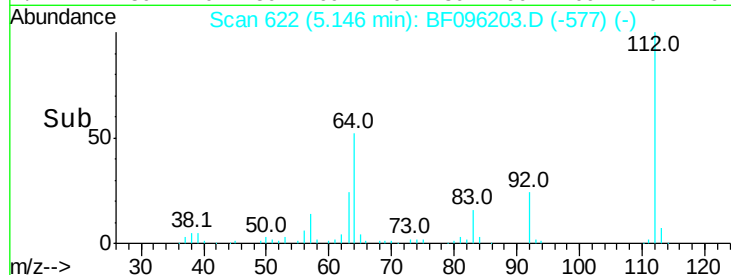
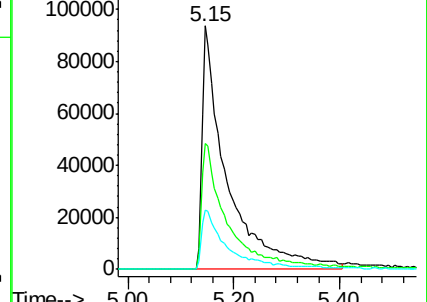
Tot Ion:	112	Resp:	308995
Ion	Ratio	Lower	Upper
112	100		
64	51.8	46.0	69.0
63	24.4	23.4	35.0



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: 41.91 ng

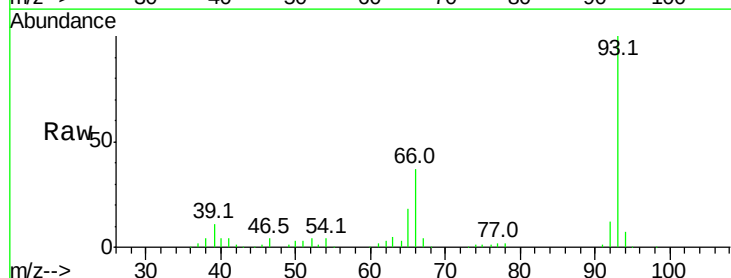
RT: 6.76 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

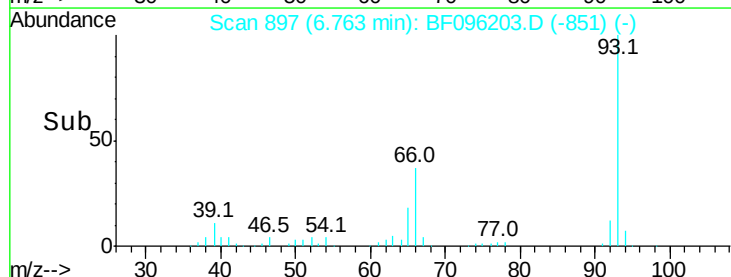
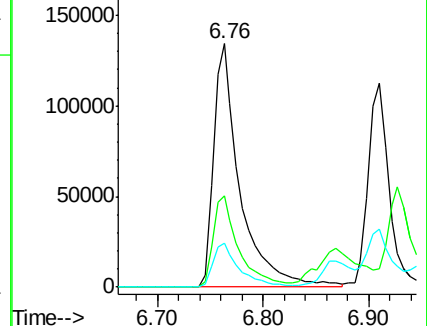
Tgt Ion:	93	Resp:	233996
Ion	Ratio	Lower	Upper
93	100		
66	37.3	32.9	49.3
65	17.9	16.0	24.0

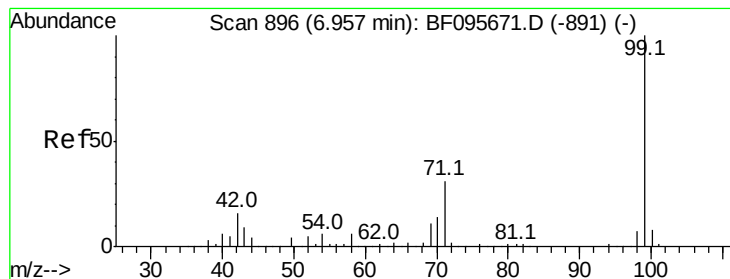


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.50 ng

RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

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BNA_F

ClientSampleId :

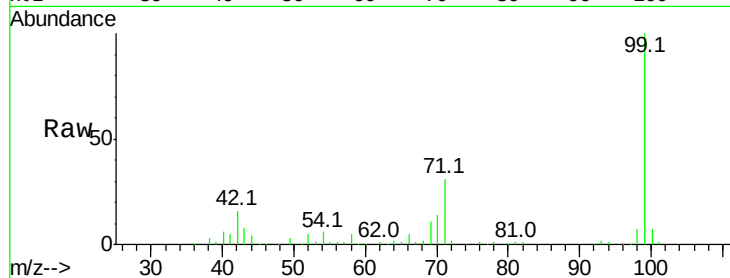
Tot Ion: 99 Resp: 343525

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

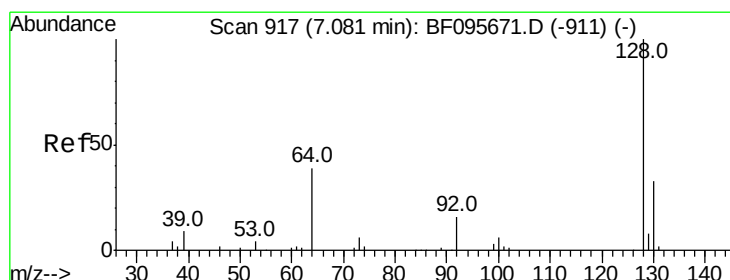
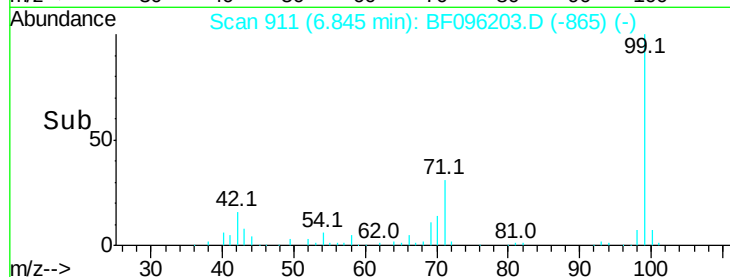
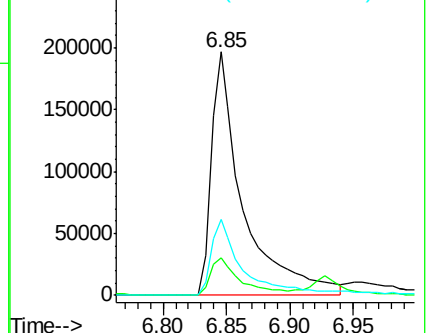
71 31.3 24.5 36.7



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: 41.51 ng

RT: 6.96 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

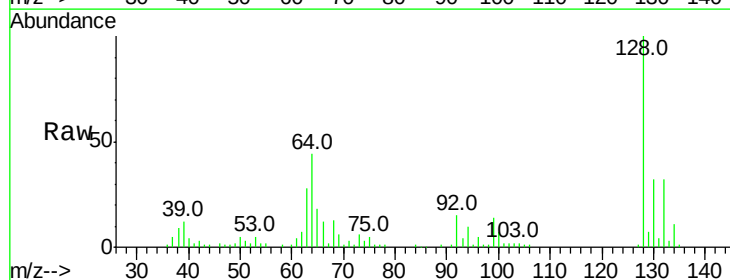
Tgt Ion:128 Resp: 157314

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

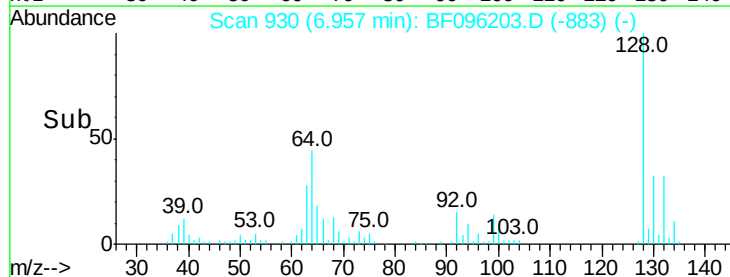
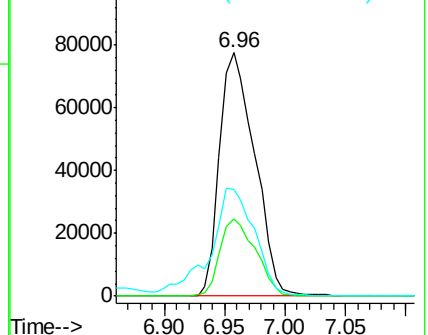
64 43.9 28.4 68.4

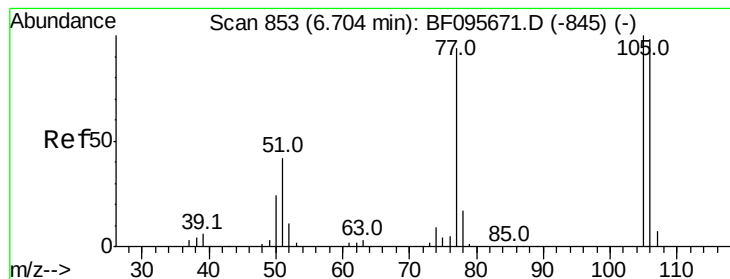


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.23 ng

RT: 6.57 min Scan# 865

Delta R.T. -0.02 min

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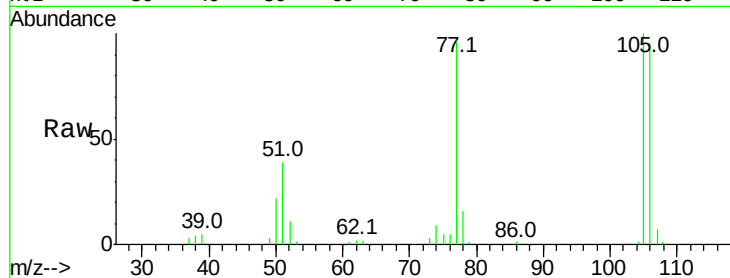
Tot Ion: 77 Resp: 110047

Ion Ratio Lower Upper

77 100

105 103.7 83.8 123.8

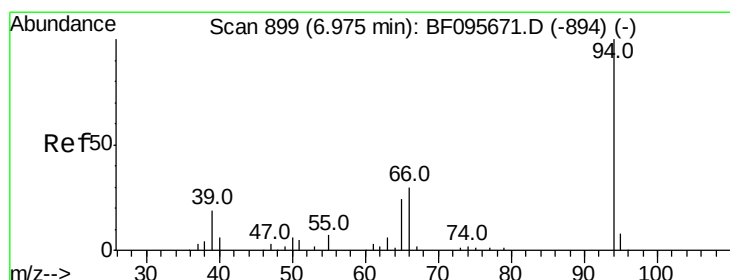
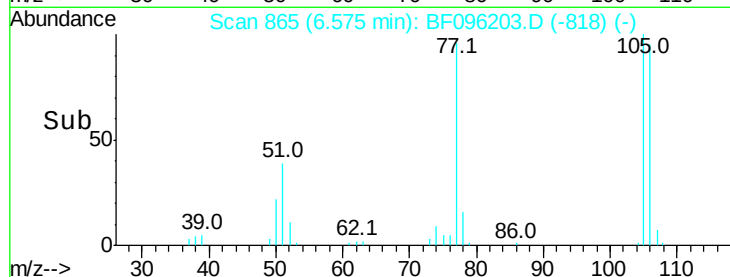
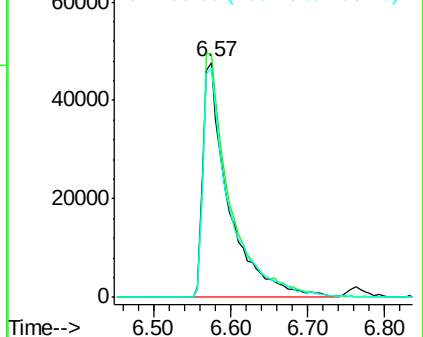
106 98.0 79.1 119.1



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: 41.77 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

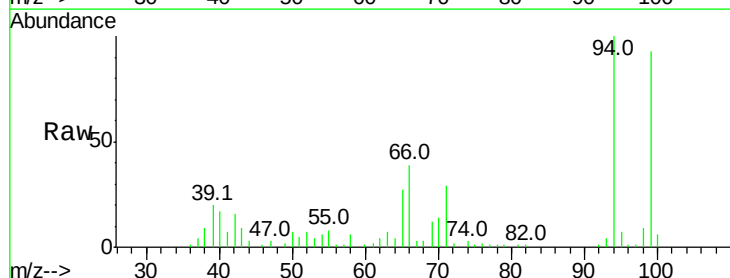
Tgt Ion: 94 Resp: 184919

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

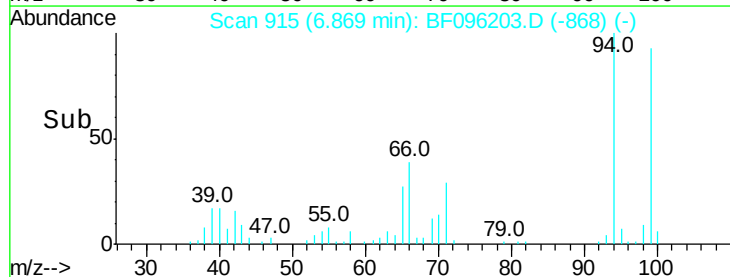
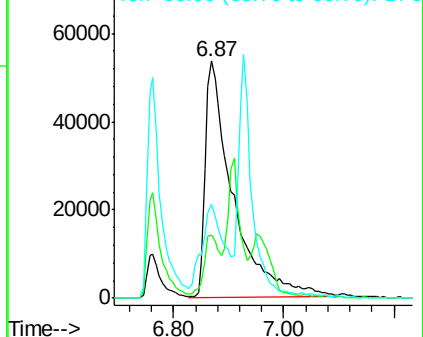
66 39.4 23.1 63.1

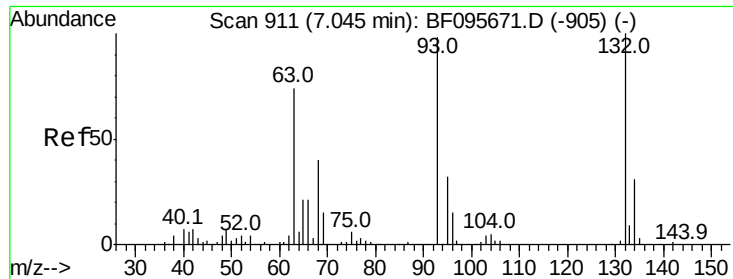


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

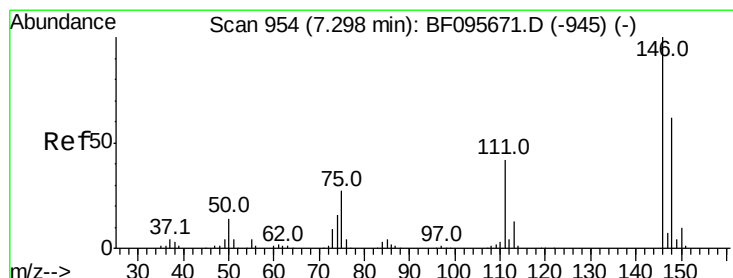
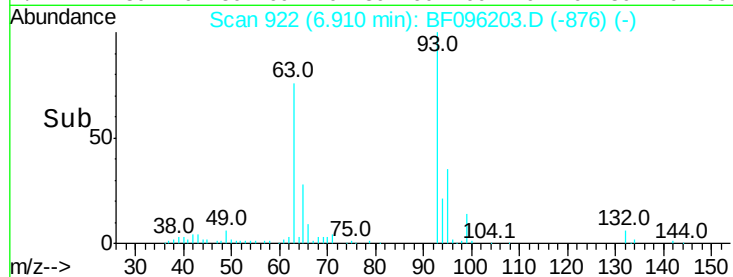
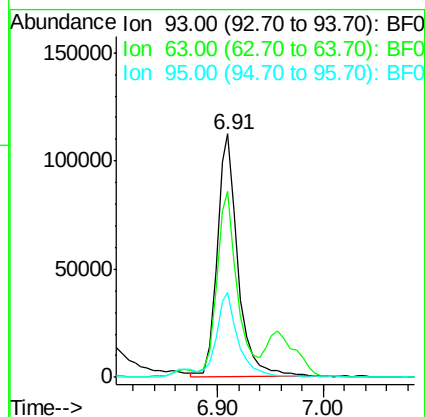
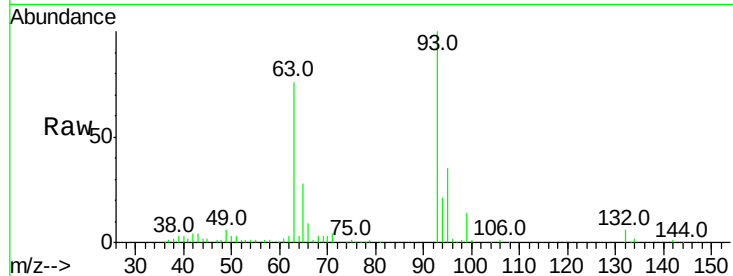




#11
bis(2-Chloroethyl)ether
Concen: 44.24 ng
RT: 6.91 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

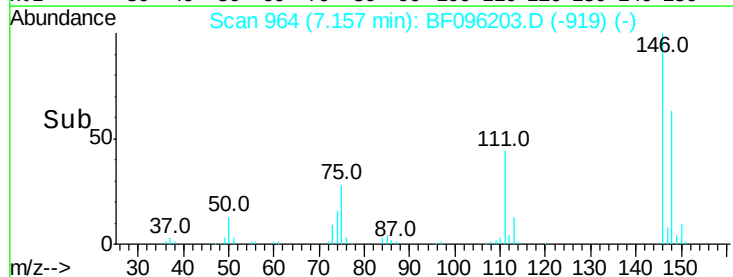
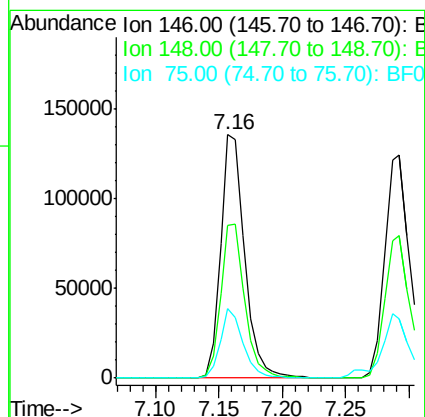
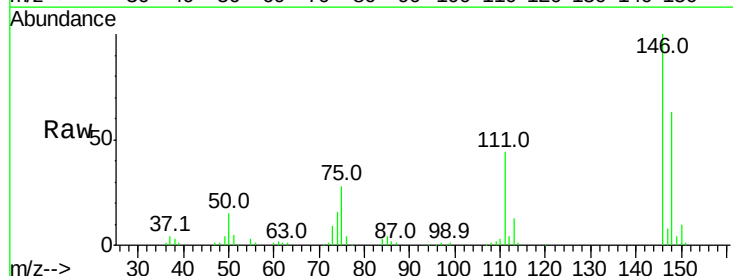
Instrument :
BNA_F
ClientSampleId :

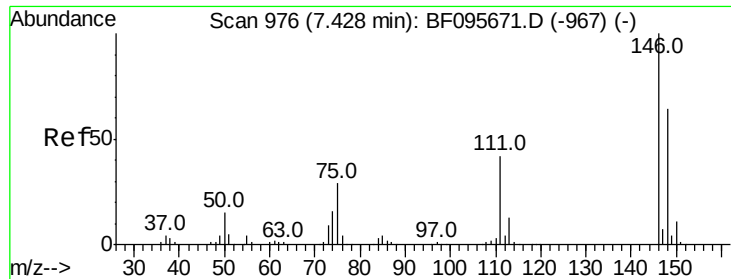
Tot Ion: 93 Resp: 155132
Ion Ratio Lower Upper
93 100
63 76.5 59.2 99.2
95 35.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.79 ng
RT: 7.16 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion: 146 Resp: 179280
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.6
75 28.4 23.1 34.7

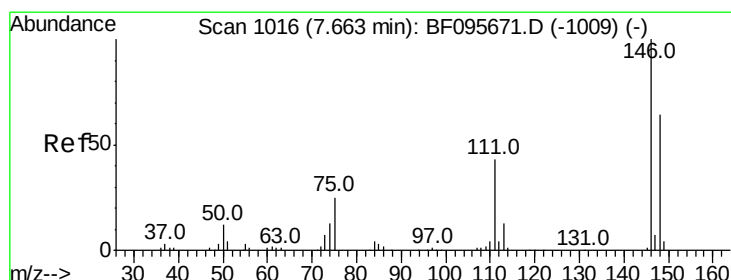
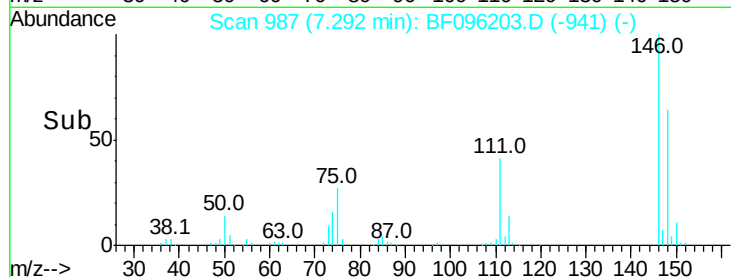
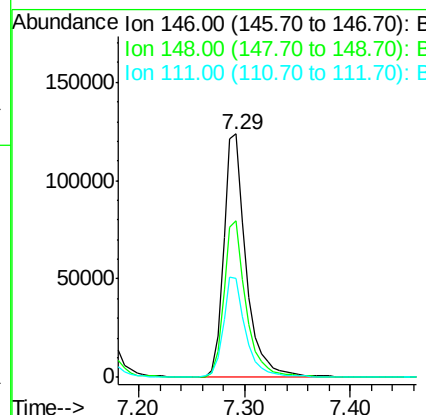
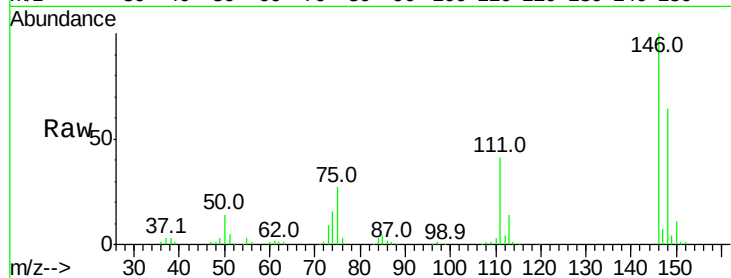




#13
 1,4-Dichlorobenzene
 Concen: 42.09 ng
 RT: 7.29 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

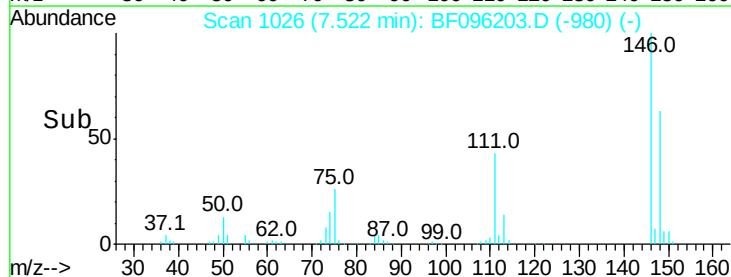
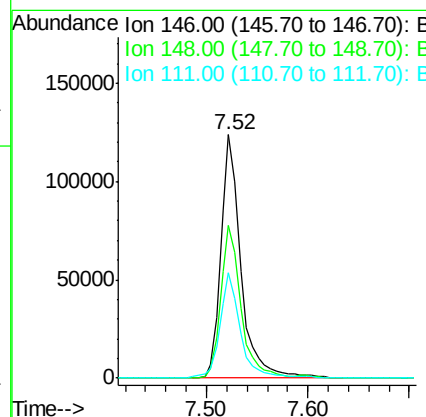
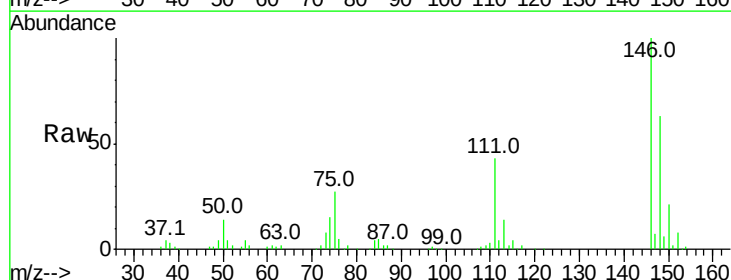
Instrument :
 BNA_F
 ClientSampleId :

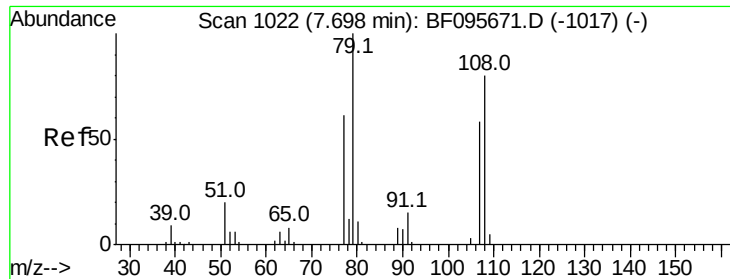
Tot Ion:146 Resp: 183108
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 40.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.59 ng
 RT: 7.52 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:146 Resp: 170815
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.4 75.6
 111 43.1 38.2 57.4

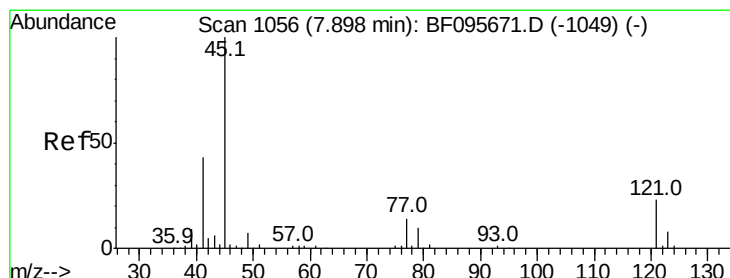
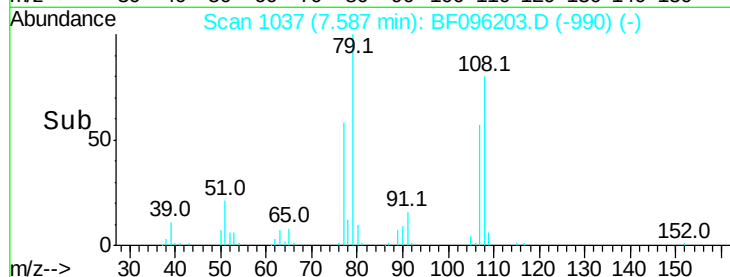
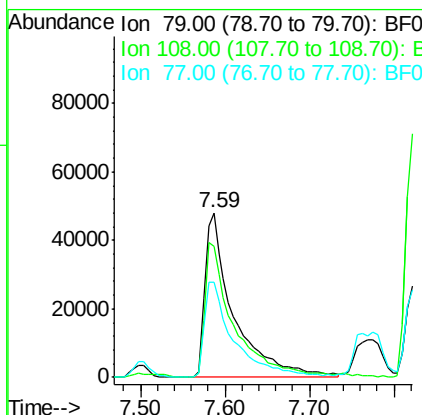
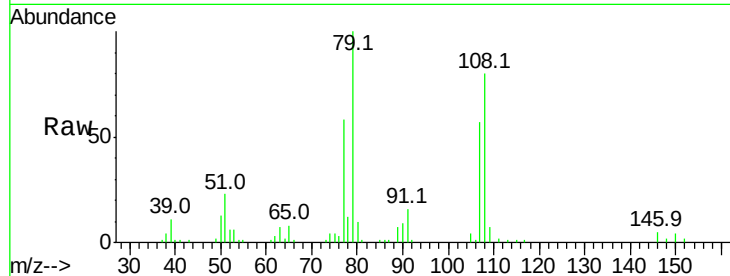




#15
Benzyl Alcohol
Concen: 38.43 ng
RT: 7.59 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

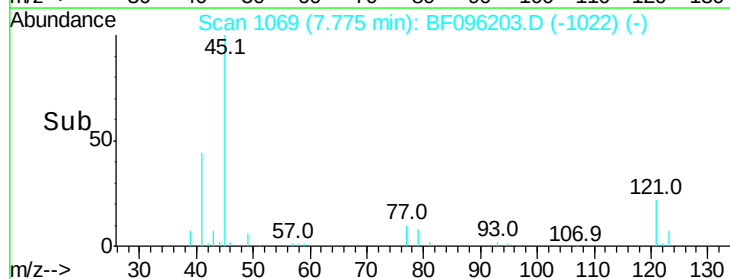
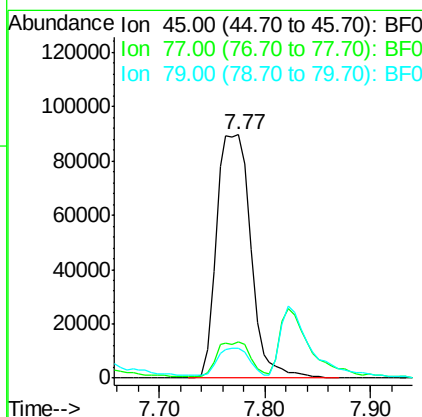
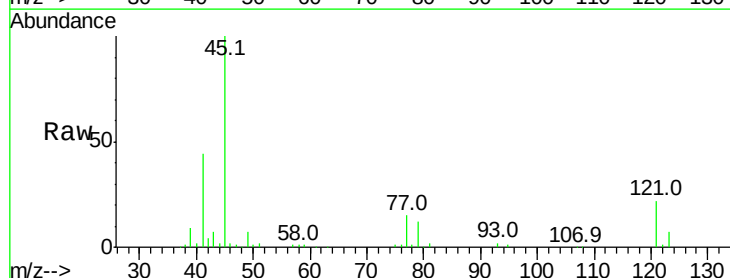
Instrument :
BNA_F
ClientSampled :

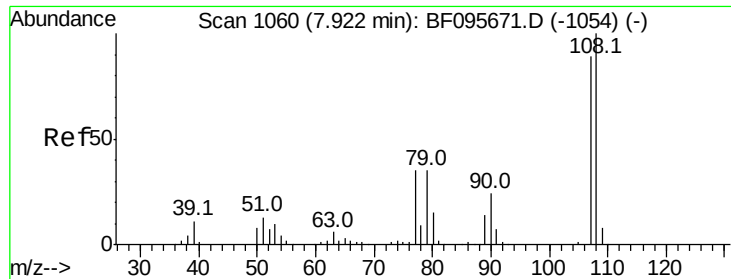
Tot Ion: 79 Resp: 112546
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 58.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.12 ng
RT: 7.77 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion: 45 Resp: 202584
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.2
79 12.2 0.0 30.0





#17

2-Methylphenol

Concen: 41.67 ng

RT: 7.82 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 132551

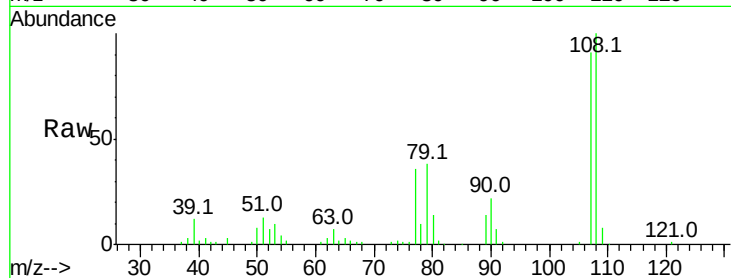
Ion Ratio Lower Upper

107 100

108 109.4 93.4 140.0

77 39.6 35.8 53.6

79 41.2 34.8 52.2

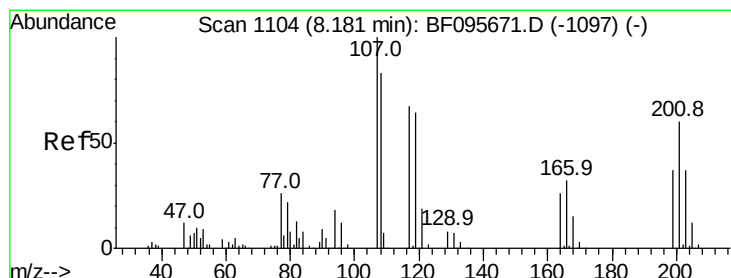
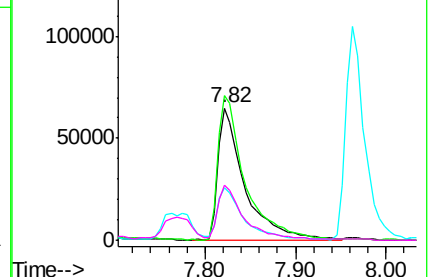
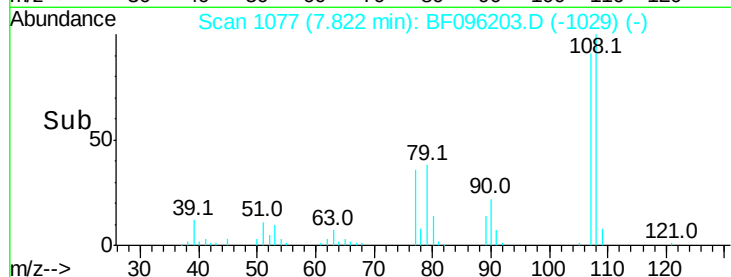


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.82 ng

RT: 8.03 min Scan# 1113

Delta R.T. -0.04 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

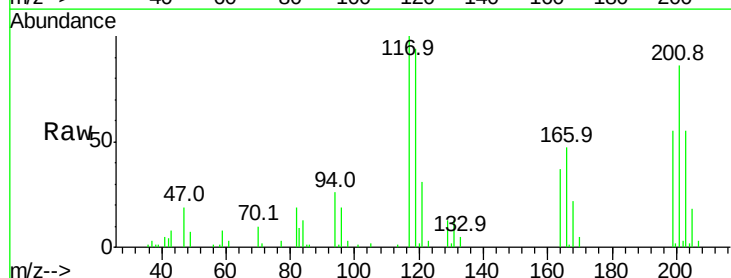
Tgt Ion:117 Resp: 44278

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

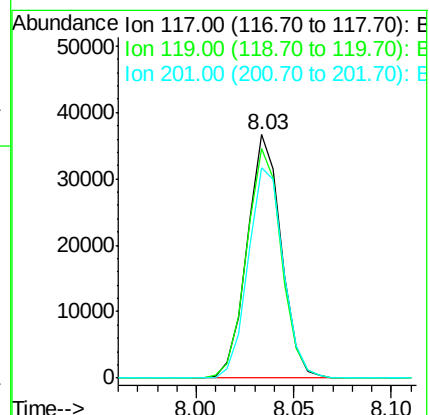
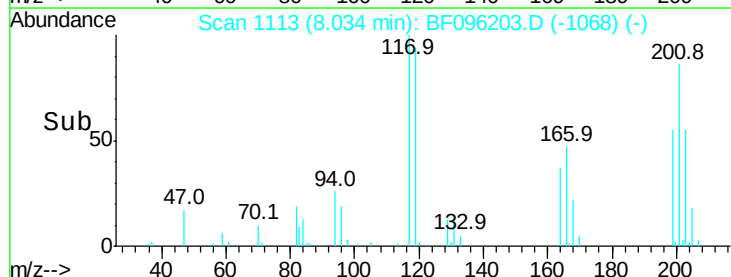
201 86.3 94.6 141.8#

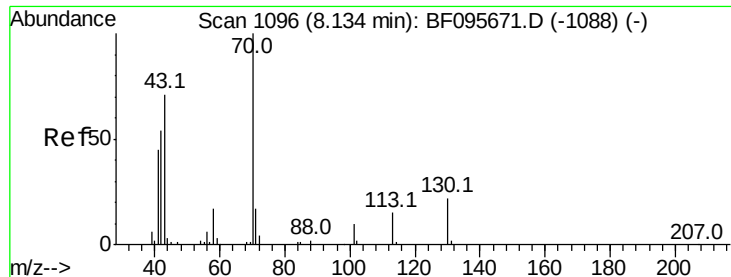


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

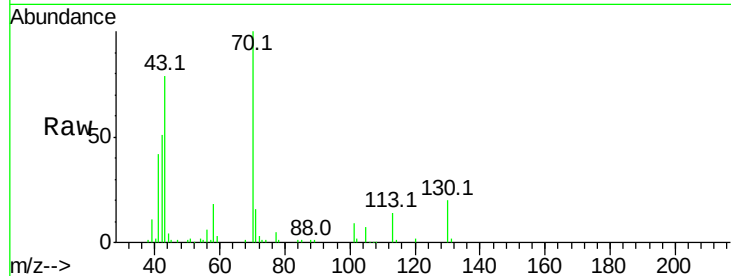




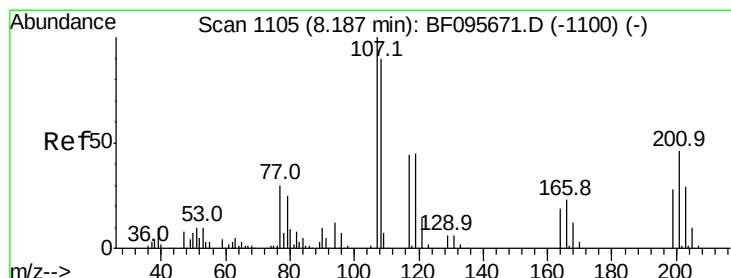
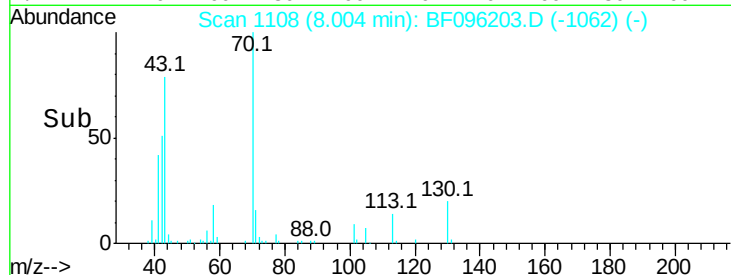
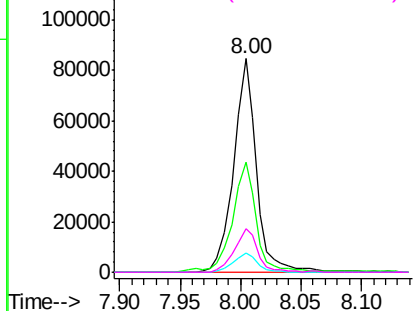
#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 8.00 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 111479
Ion Ratio Lower Upper
70 100
42 51.3 47.2 70.8
101 9.2 7.2 10.8
130 20.1 15.9 23.9

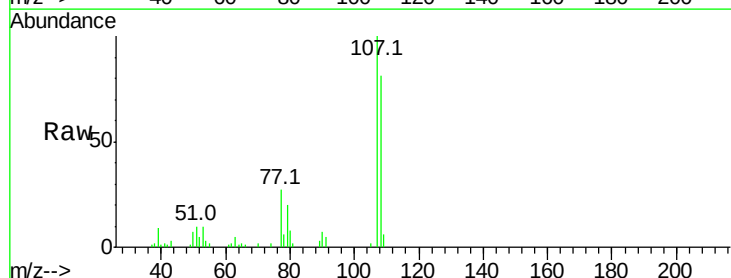


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

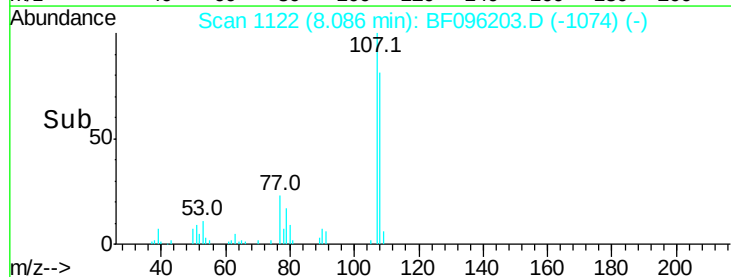
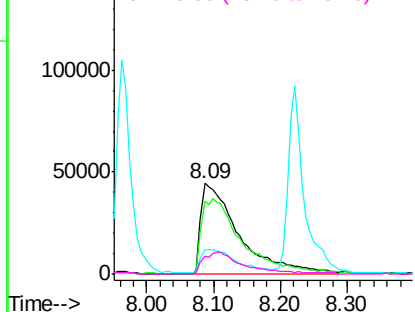


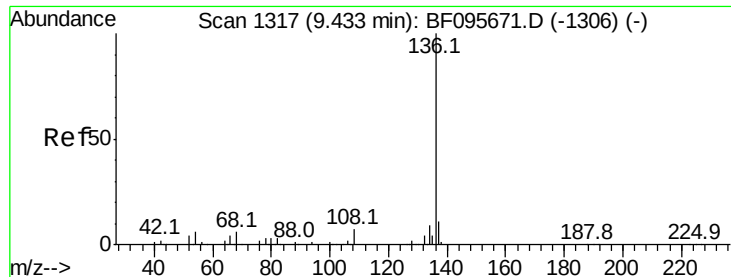
#20
3+4-Methylphenols
Concen: 43.37 ng
RT: 8.09 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion: 107 Resp: 175114
Ion Ratio Lower Upper
107 100
108 81.4 71.0 111.0
77 26.9 90.5 130.5#
79 19.9 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 217916

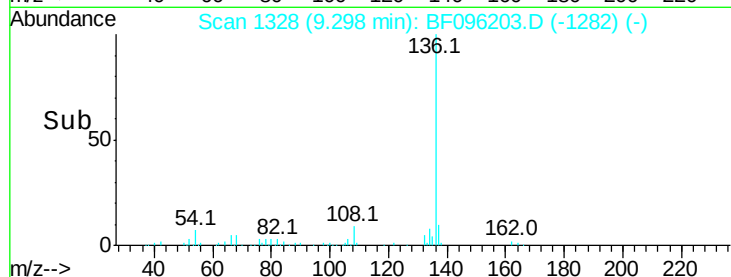
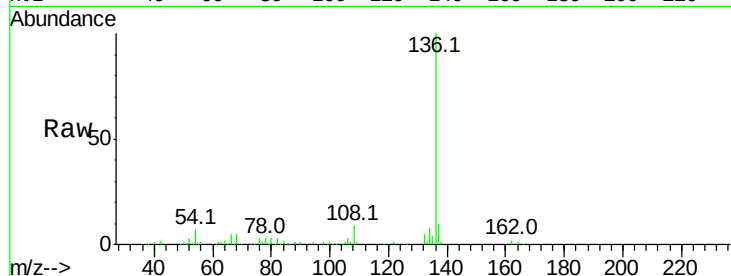
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

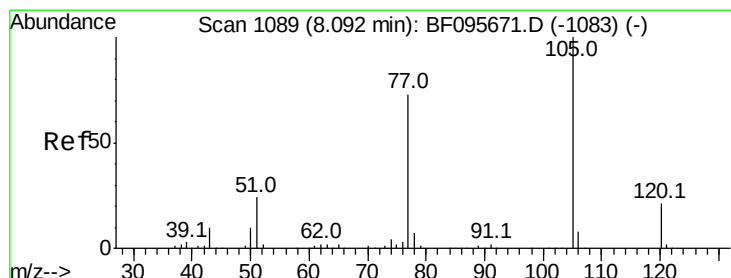
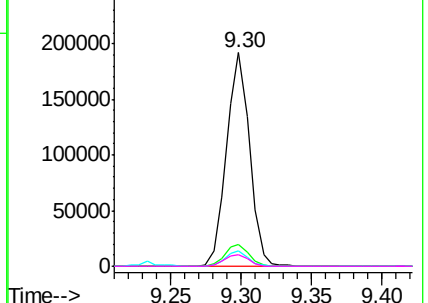


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.73 ng

RT: 7.96 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Tgt Ion:105 Resp: 217930

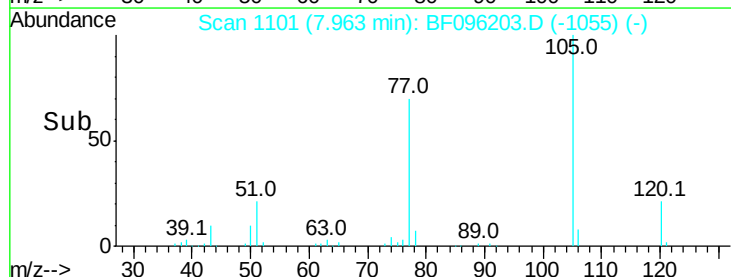
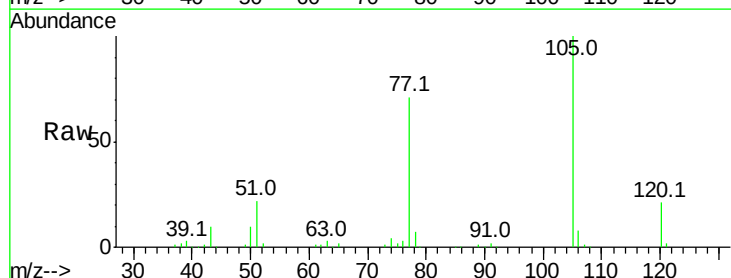
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.8 30.7 46.1#

120 21.1 17.4 26.0

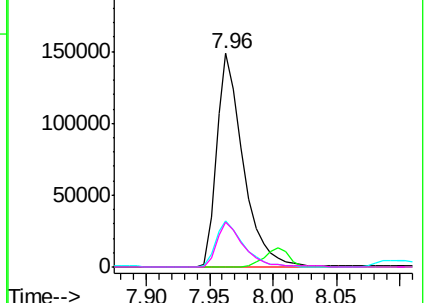


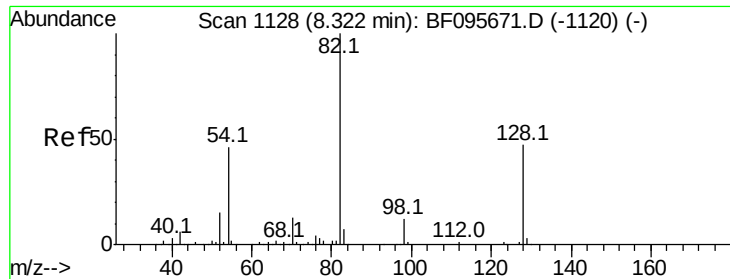
Abundance Ion 105.00 (104.70 to 105.70): E

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

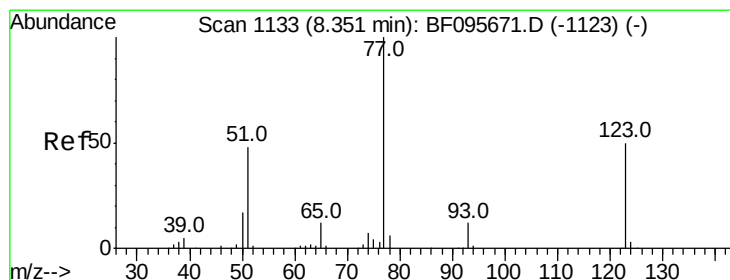
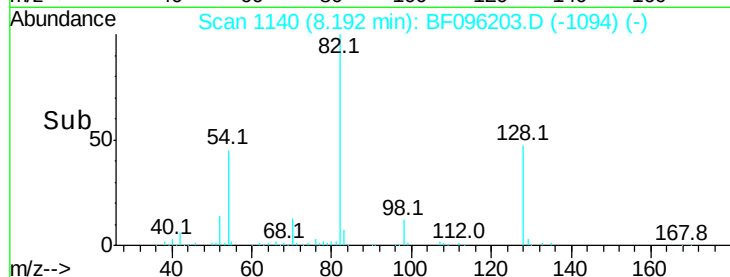
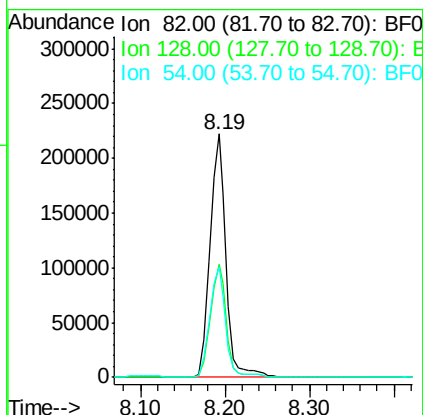
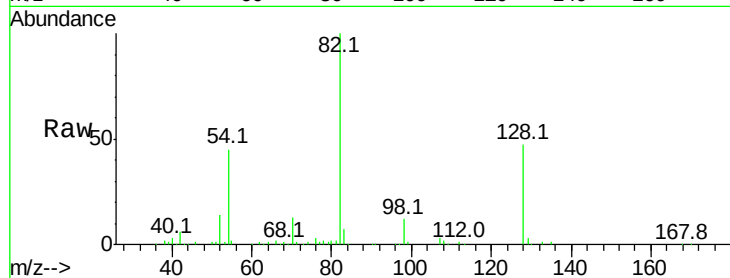




#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 8.19 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

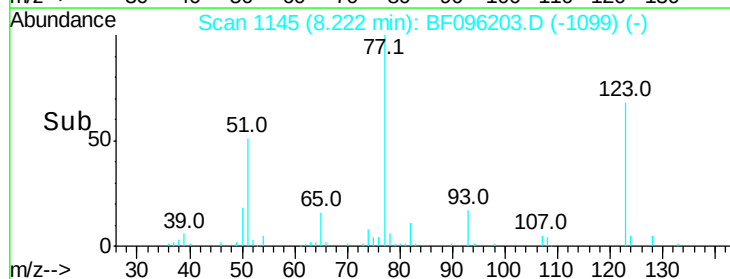
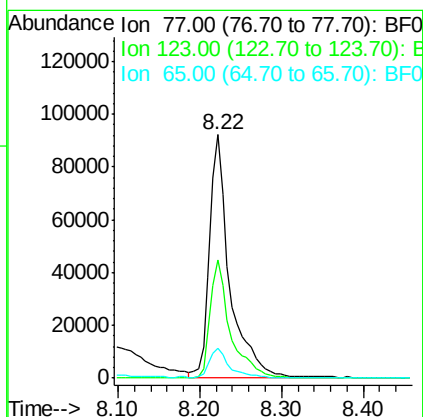
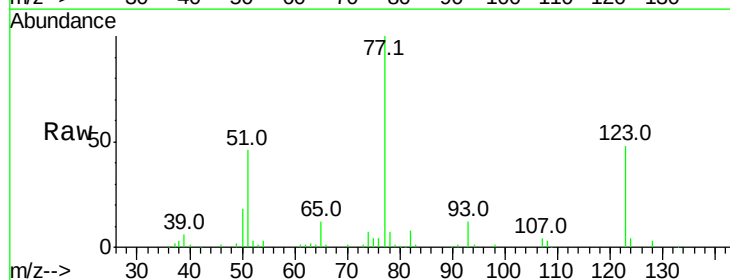
Instrument :
BNA_F
ClientSampled :

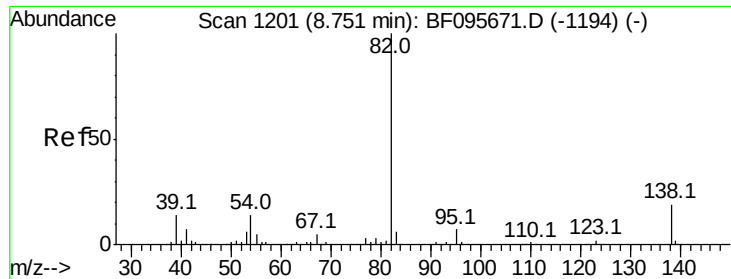
Tot Ion: 82 Resp: 296858
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 45.2 42.2 63.2



#24
Nitrobenzene
Concen: 42.06 ng
RT: 8.22 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion: 77 Resp: 157657
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.8
65 12.4 10.6 15.8





#25

Isophorone

Concen: 40.70 ng

RT: 8.62 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampled :

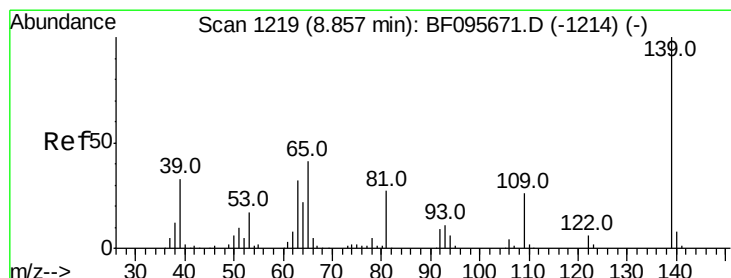
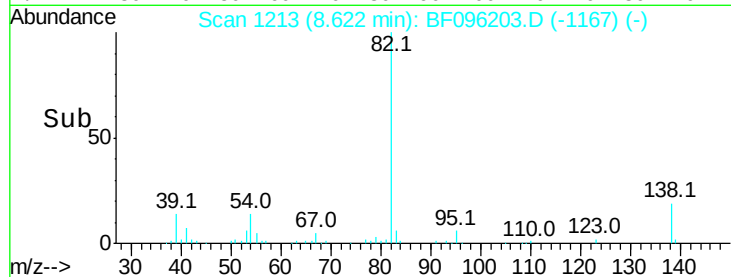
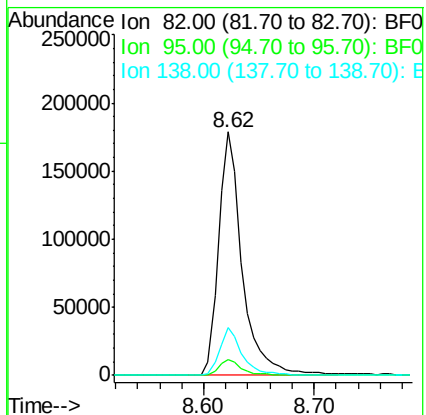
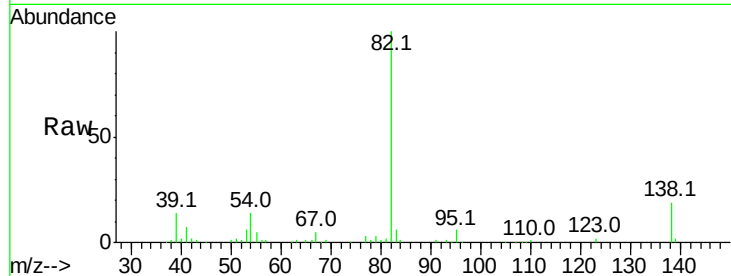
Tot Ion: 82 Resp: 266636

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 28.54 ng

RT: 8.73 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

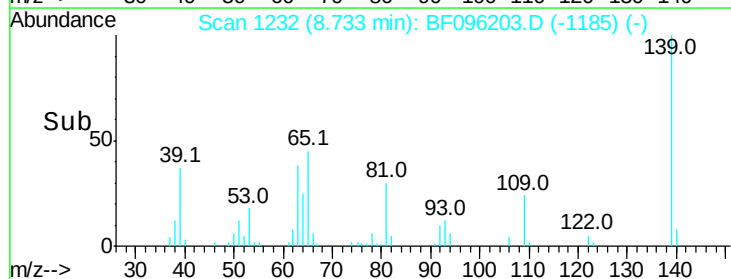
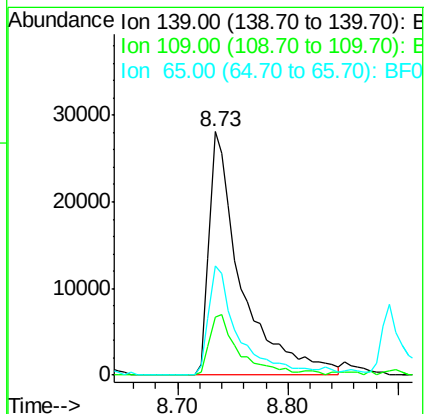
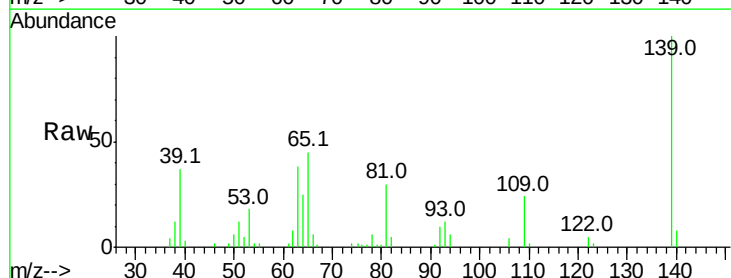
Tgt Ion: 139 Resp: 56017

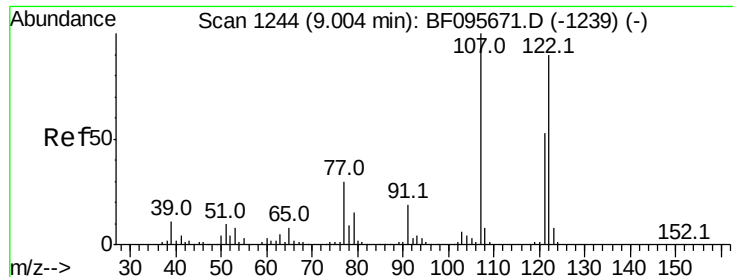
Ion Ratio Lower Upper

139 100

109 23.8 21.0 31.6

65 44.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.93 ng

RT: 8.89 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampleId :

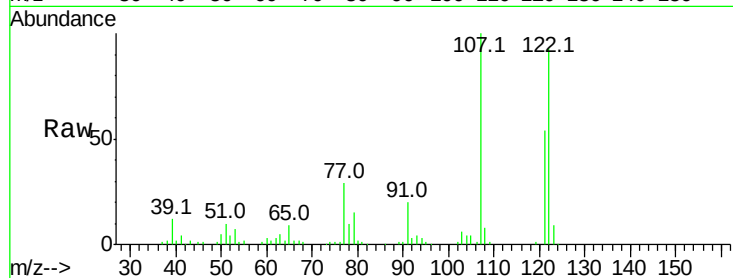
Tot Ion:122 Resp: 130779

Ion Ratio Lower Upper

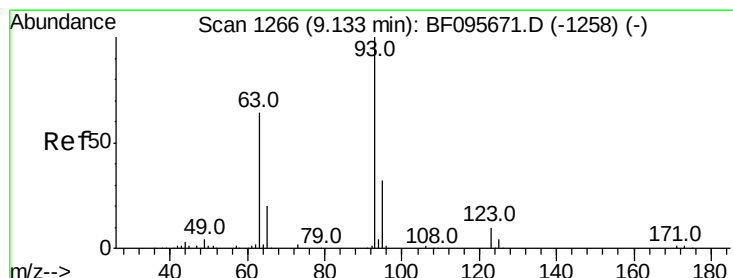
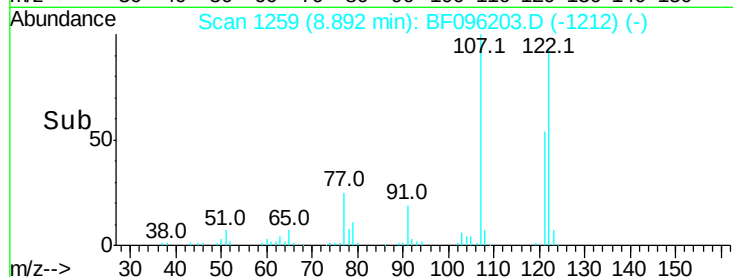
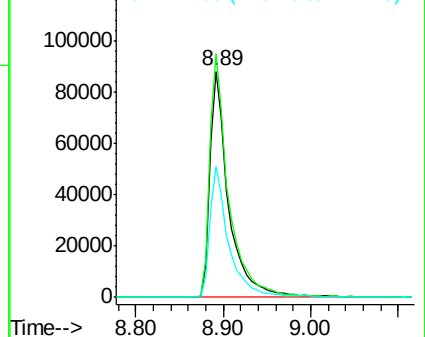
122 100

107 107.9 89.2 133.8

121 57.9 45.2 67.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 42.56 ng

RT: 9.00 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

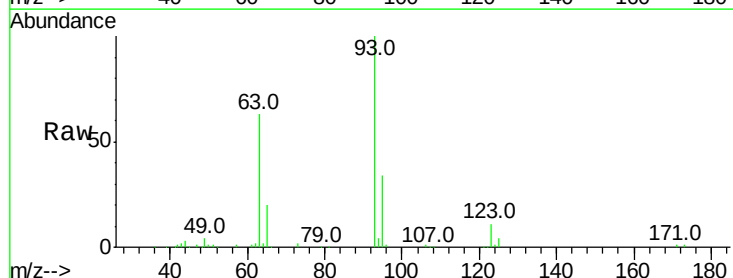
Tgt Ion: 93 Resp: 183827

Ion Ratio Lower Upper

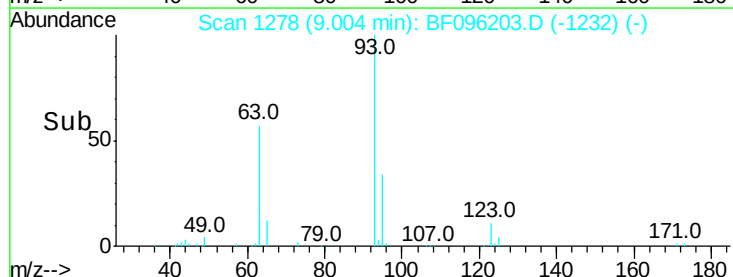
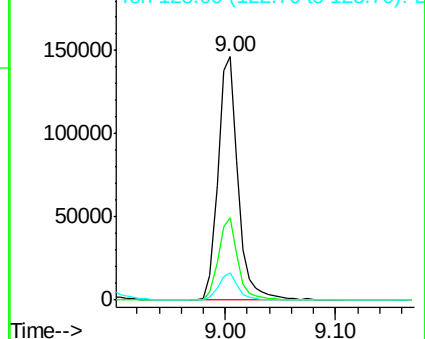
93 100

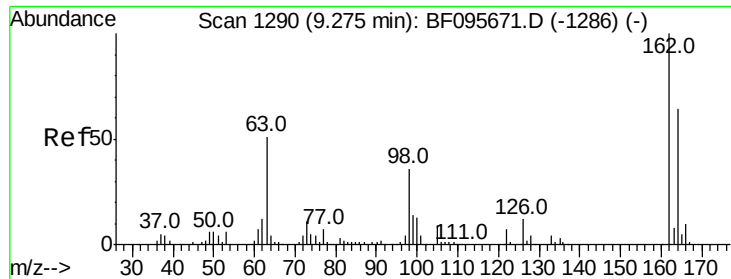
95 33.6 26.5 39.7

123 11.5 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

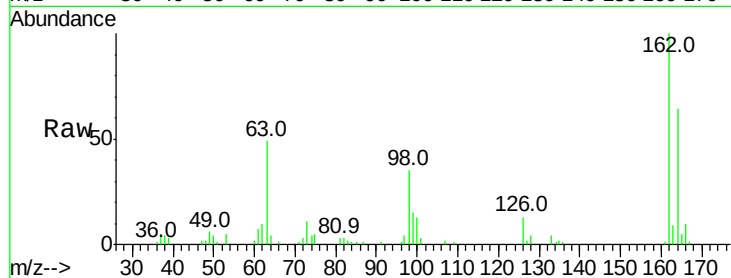




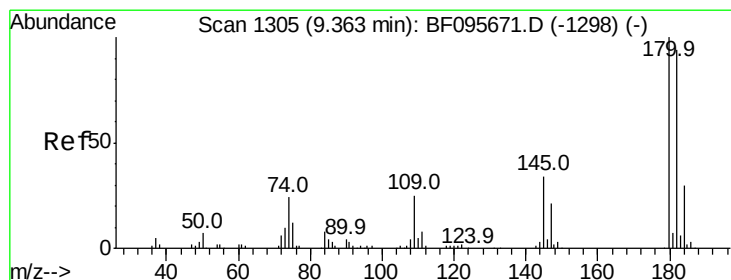
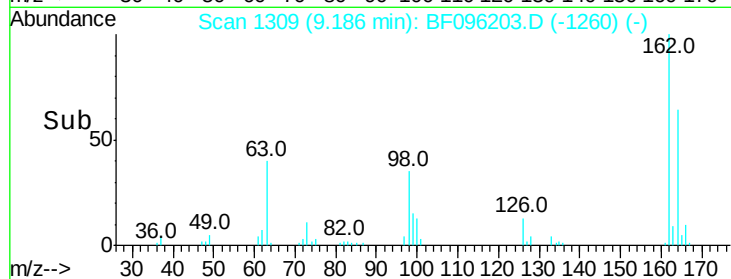
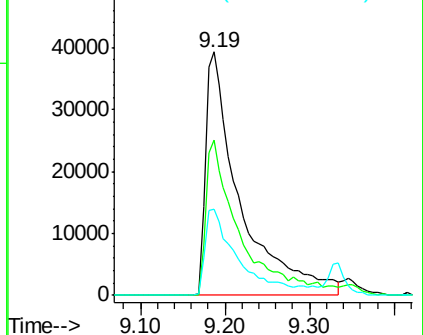
#29
 2,4-Dichlorophenol
 Concen: 38.09 ng
 RT: 9.19 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 111750
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.6 84.6
 98 35.1 14.8 54.8

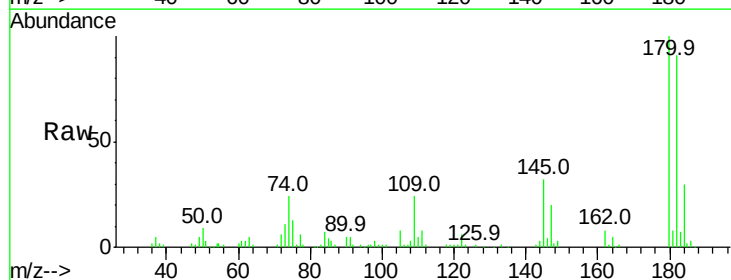


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

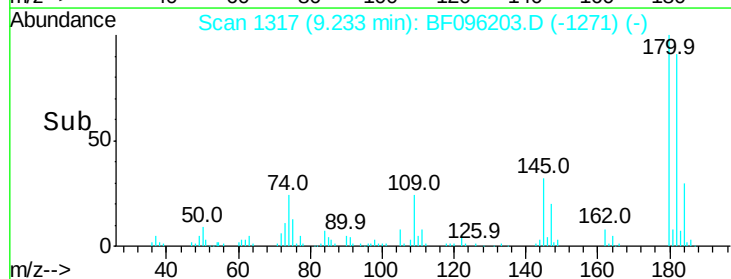
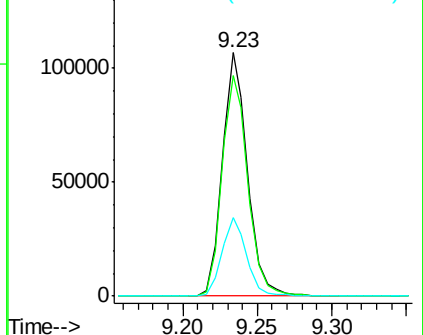


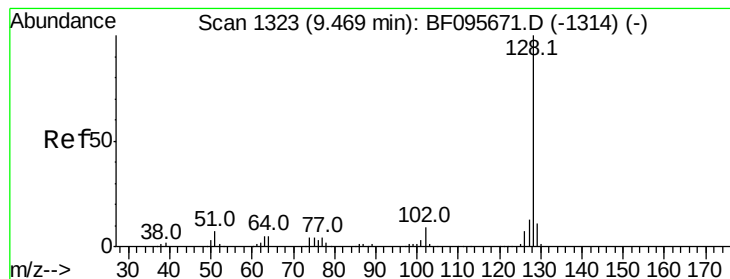
#30
 1,2,4-Trichlorobenzene
 Concen: 41.43 ng
 RT: 9.23 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:180 Resp: 126455
 Ion Ratio Lower Upper
 180 100
 182 90.8 75.8 113.6
 145 32.0 25.3 37.9



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





#31

Naphthalene

Concen: 40.42 ng

RT: 9.33 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampled :

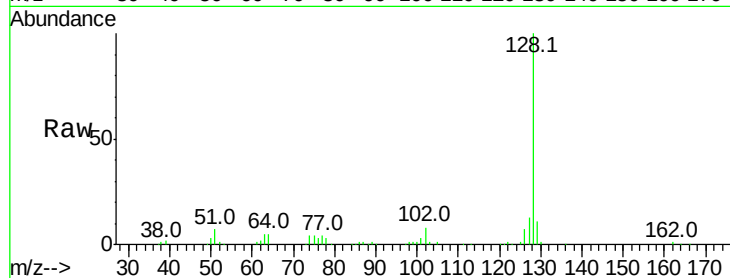
Tot Ion:128 Resp: 442092

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

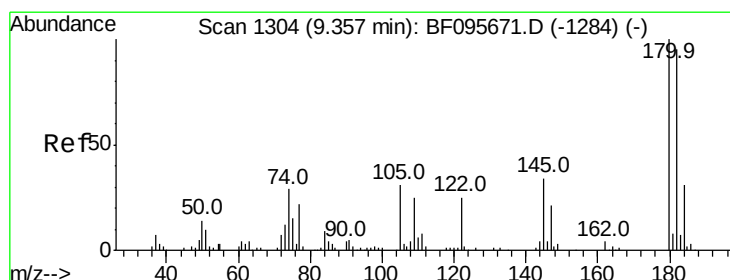
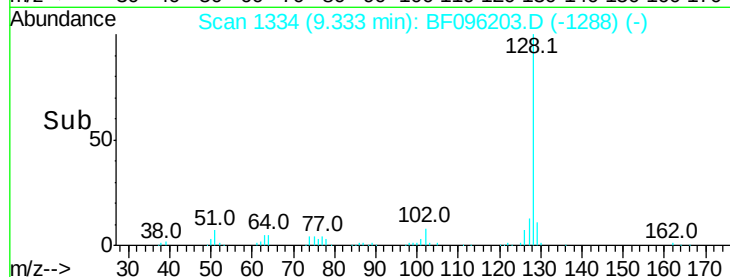
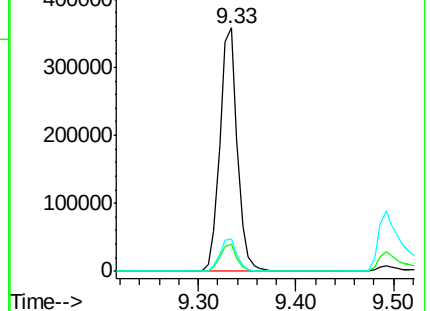
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.87 ng

RT: 9.23 min Scan# 1317

Delta R.T. -0.06 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

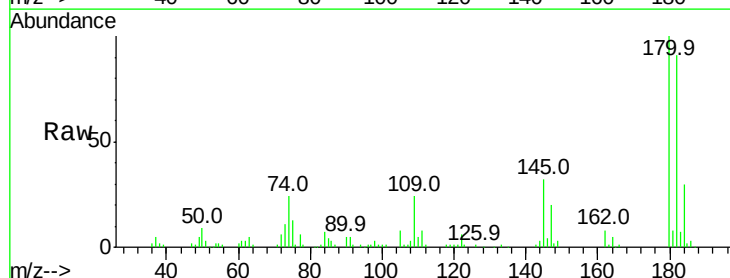
Tgt Ion:122 Resp: 16514

Ion Ratio Lower Upper

122 100

105 127.6 103.3 143.3

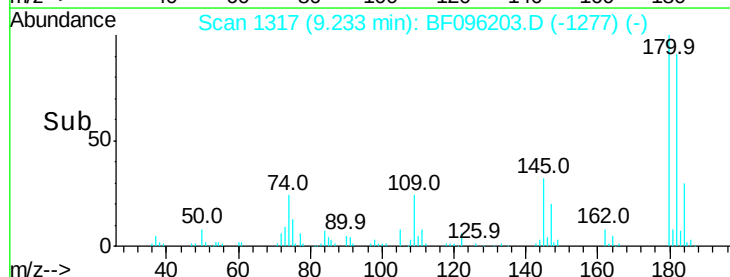
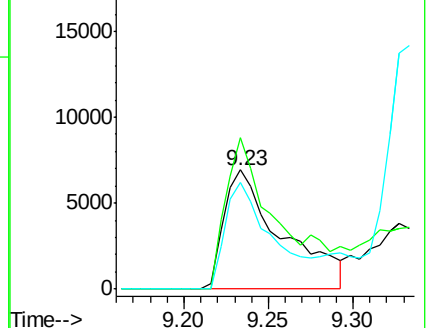
77 89.4 73.7 113.7

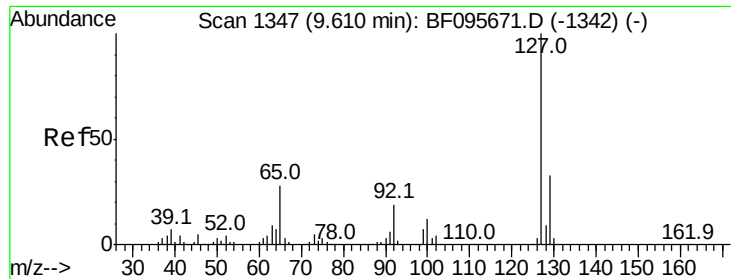


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

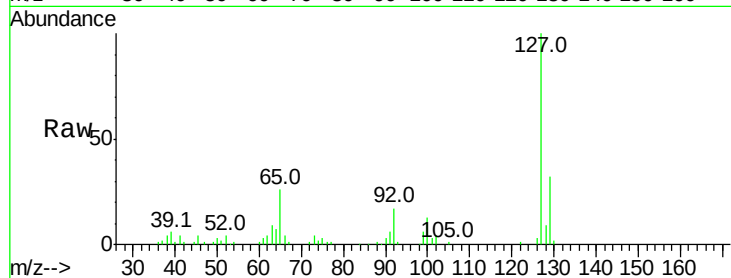




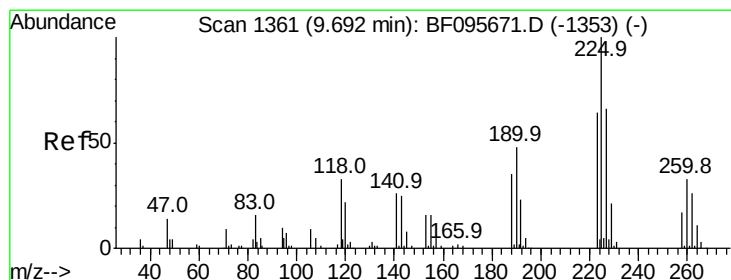
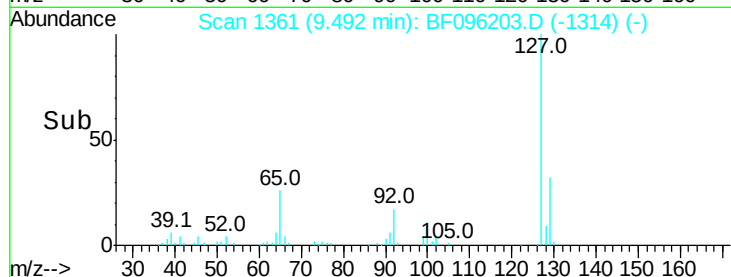
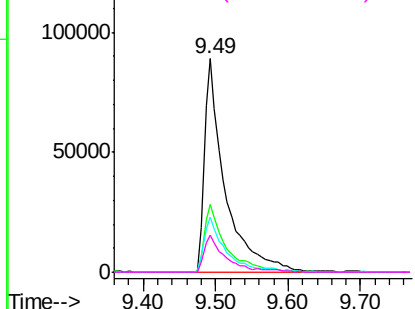
#33
4-Chloroaniline
Concen: 41.12 ng
RT: 9.49 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	175788
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	25.8	27.8	41.8#
92	17.4	16.8	25.2

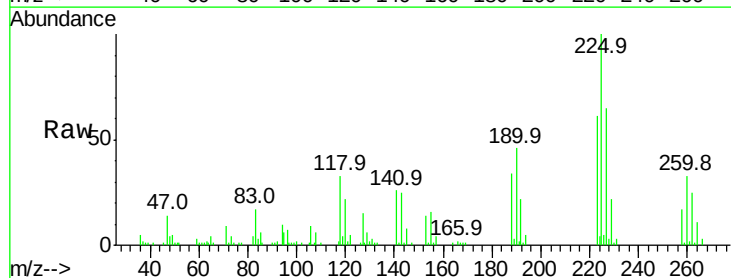


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

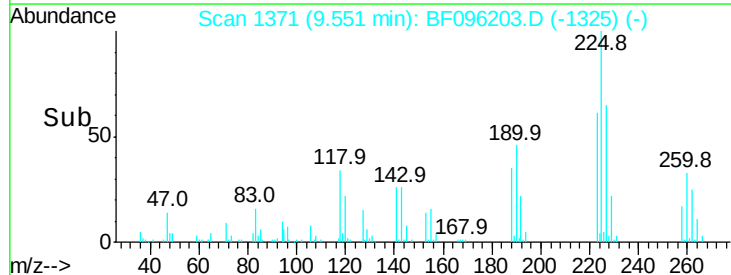
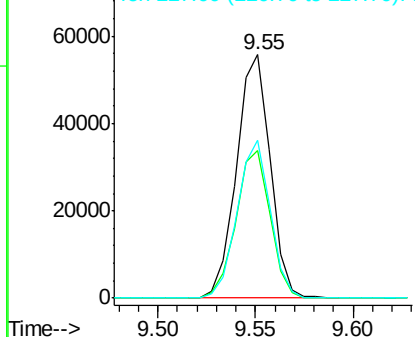


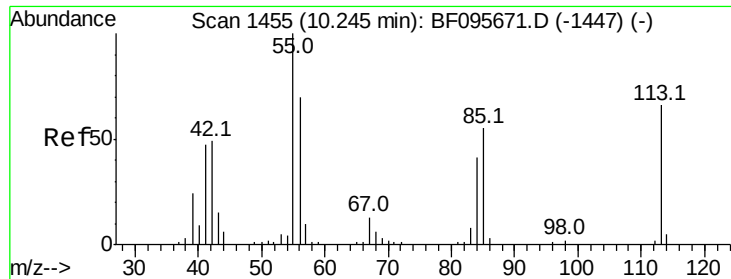
#34
Hexachlorobutadiene
Concen: 42.27 ng
RT: 9.55 min Scan# 1371
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:	225	Resp:	66664
Ion	Ratio	Lower	Upper
225	100		
223	60.8	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: 38.27 ng

RT: 10.13 min Scan# 1469

Delta R.T. -0.04 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampled :

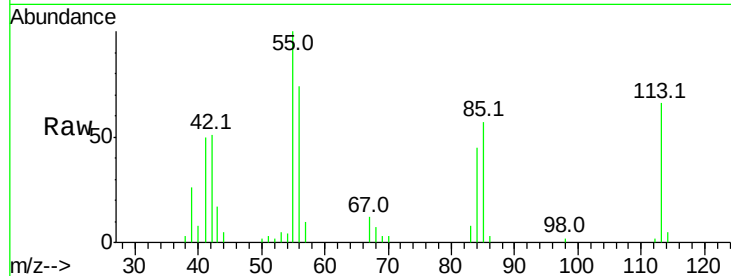
Tot Ion:113 Resp: 33409

Ion Ratio Lower Upper

113 100

55 151.1 150.2 190.2

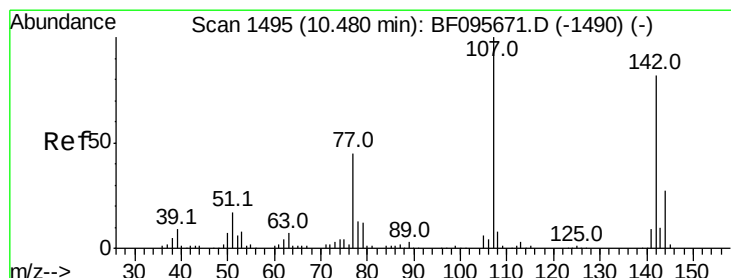
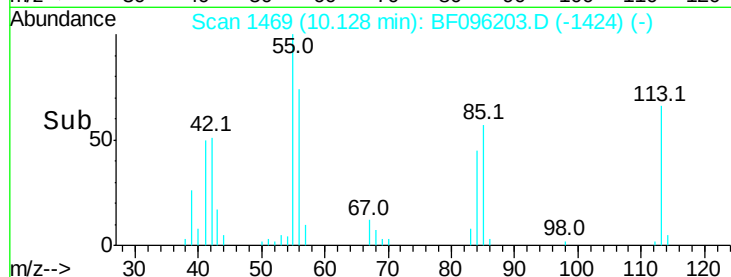
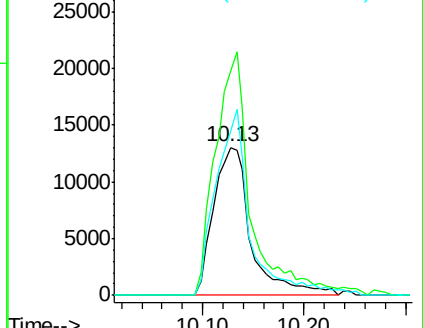
56 111.2 107.8 147.8



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: 38.27 ng

RT: 10.38 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

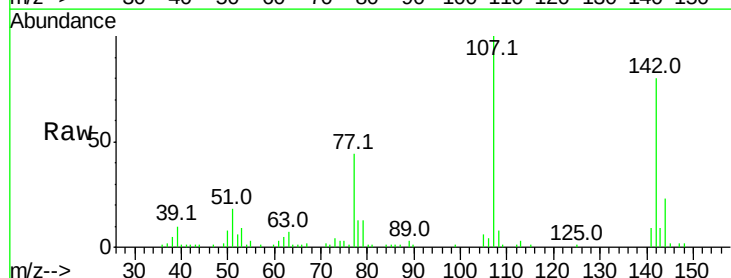
Tgt Ion:107 Resp: 117528

Ion Ratio Lower Upper

107 100

144 23.1 24.2 36.4#

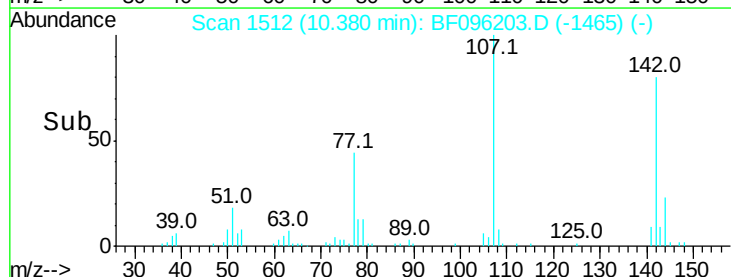
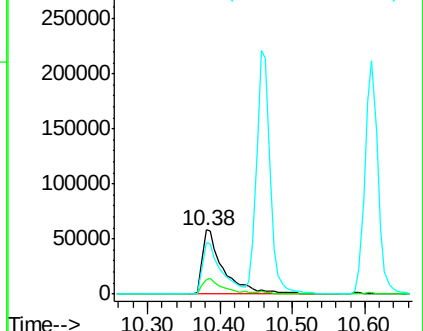
142 79.8 73.4 110.0

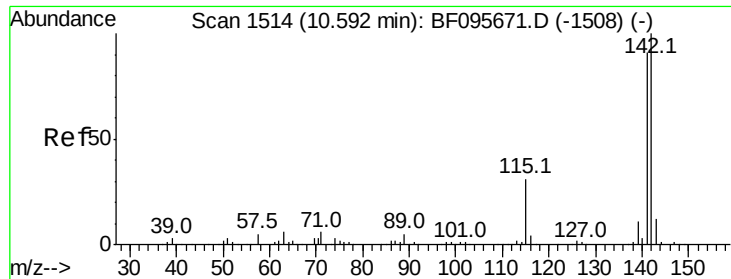


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

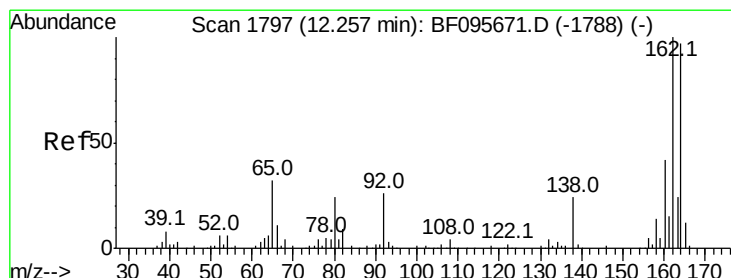
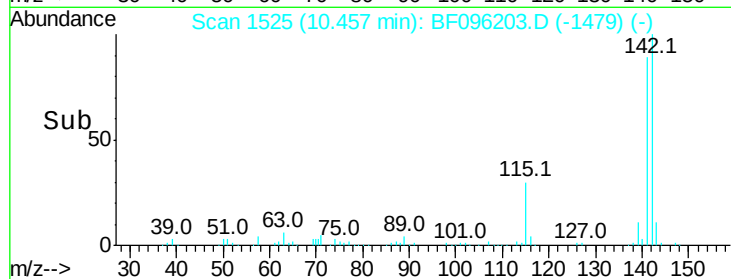
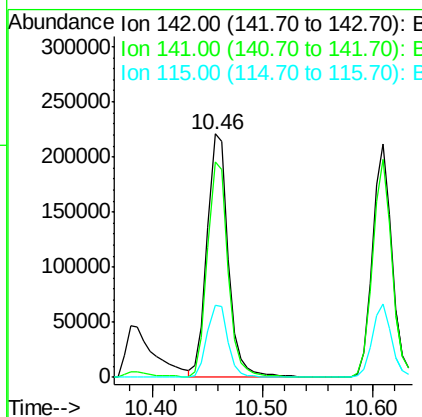
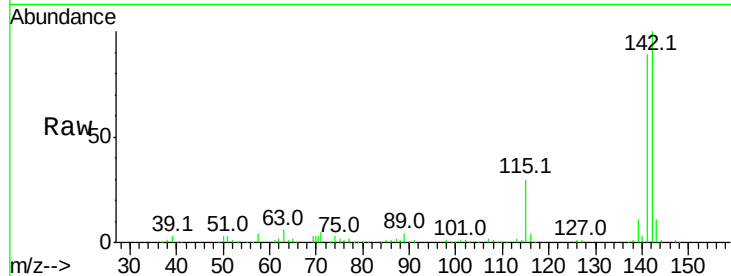




#37
 2-Methylnaphthalene
 Concen: 39.29 ng
 RT: 10.46 min Scan# 1525
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

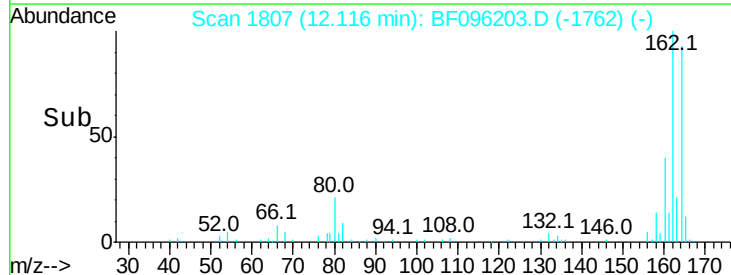
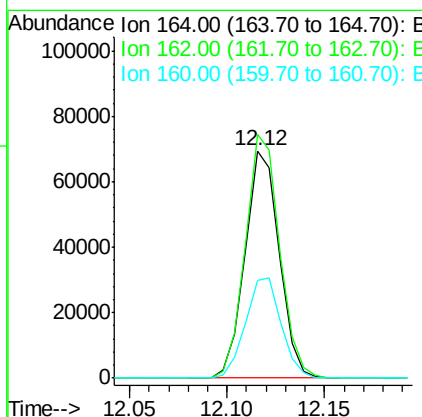
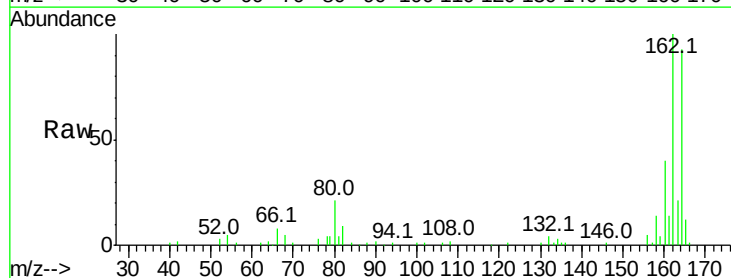
Instrument :
 BNA_F
 ClientSampled :

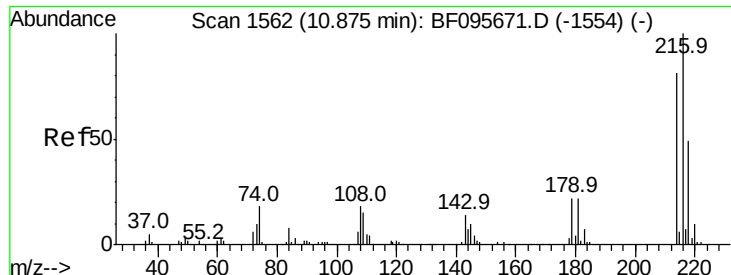
Tot Ion:142 Resp: 290302
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9
 115 29.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:164 Resp: 84293
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.6 123.8
 160 42.8 36.2 54.2

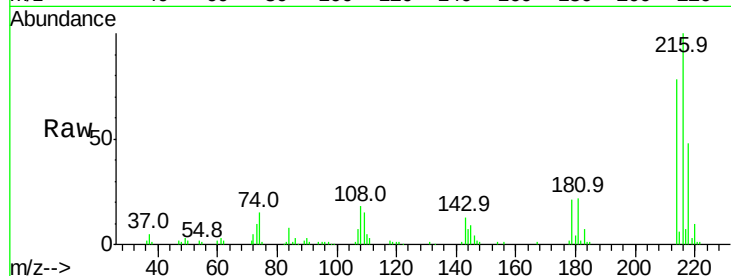




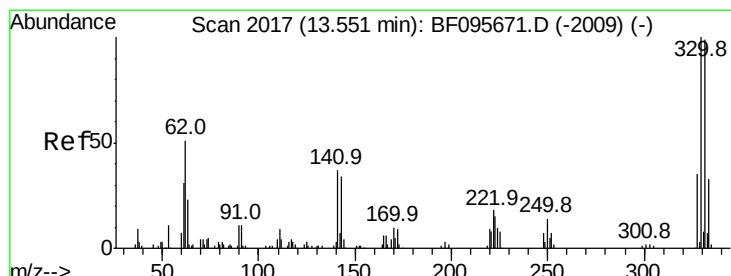
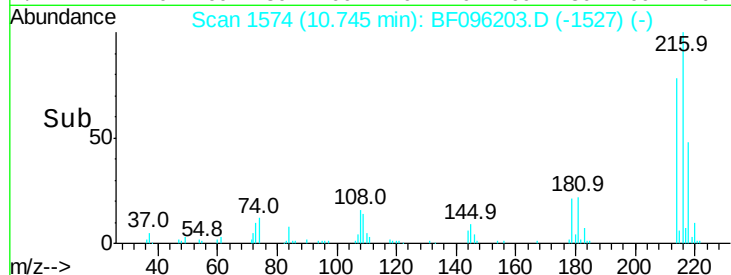
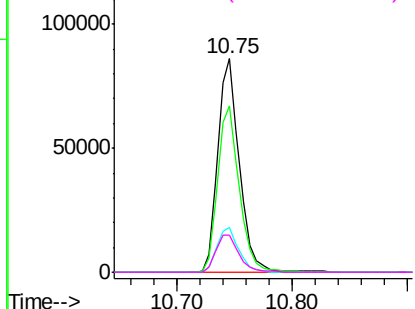
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.02 ng
 RT: 10.75 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	111039
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.2
179	21.1	17.9	26.9
108	18.6	16.5	24.7

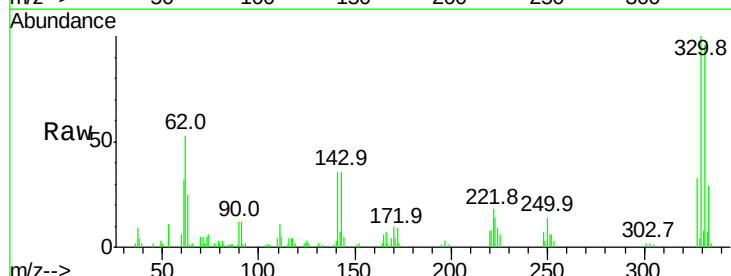


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

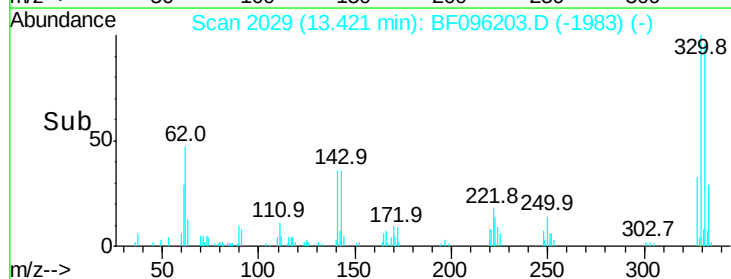
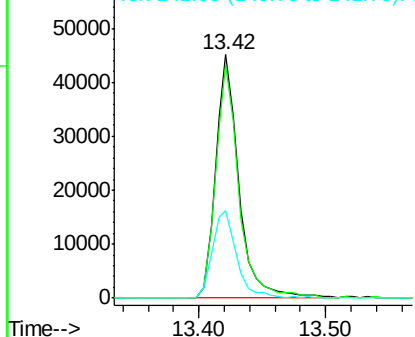


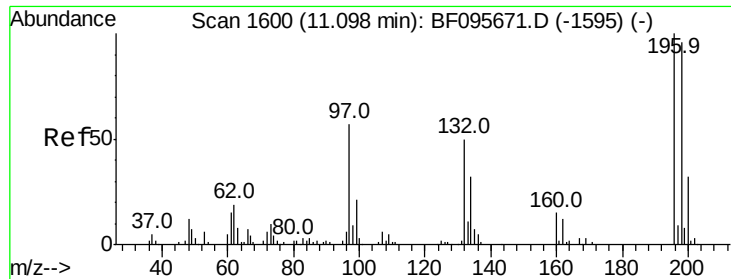
#41
 2,4,6-Tribromophenol
 Concen: 77.51 ng
 RT: 13.42 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:	330	Resp:	57806
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	37.5	31.4	47.2



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





#42

2,4,6-Trichlorophenol

Concen: 42.12 ng

RT: 10.99 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampled :

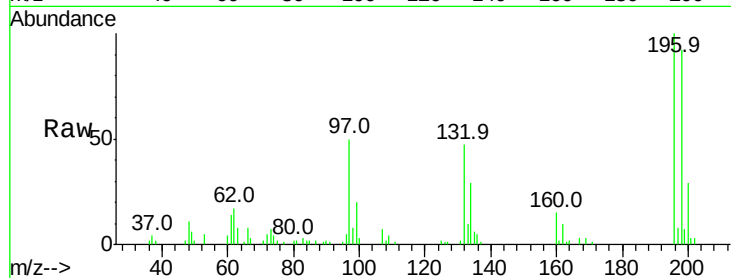
Tot Ion:196 Resp: 68320

Ion Ratio Lower Upper

196 100

198 91.9 74.2 111.4

200 29.0 24.0 36.0

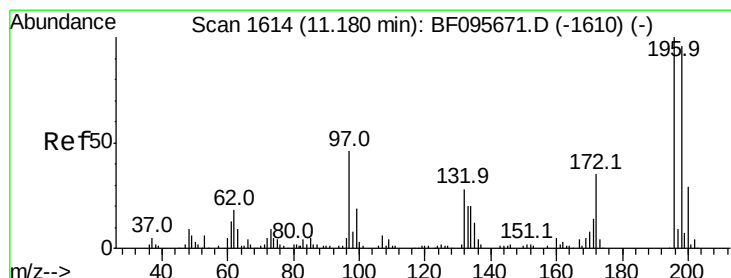
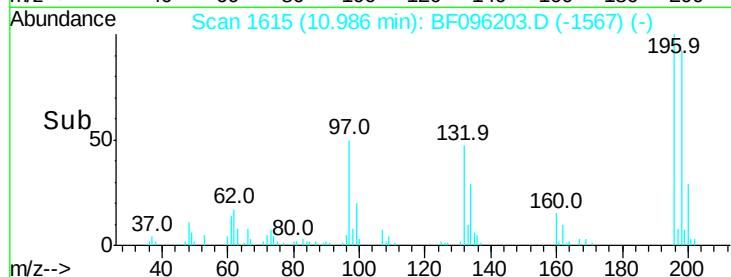
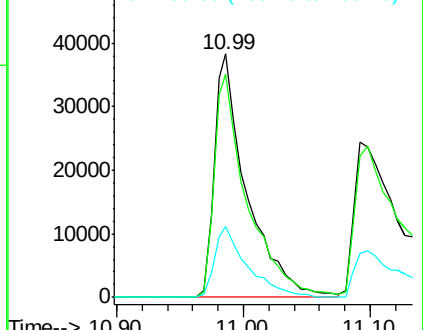


Abundance

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: 40.71 ng

RT: 11.09 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Tgt Ion:196 Resp: 70238

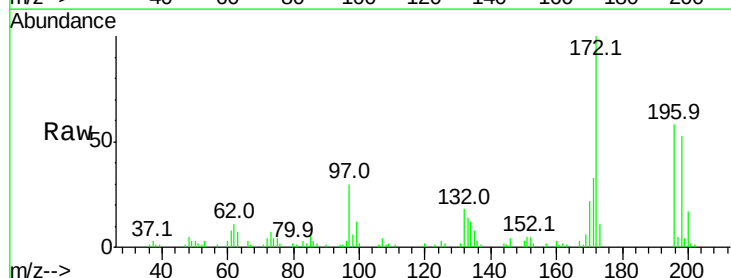
Ion Ratio Lower Upper

196 100

198 91.3 75.7 113.5

97 51.0 47.7 71.5

132 31.6 28.0 42.0



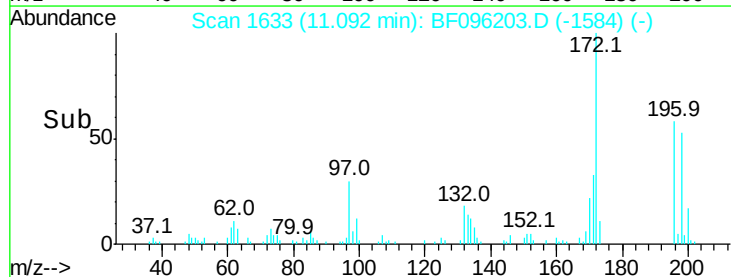
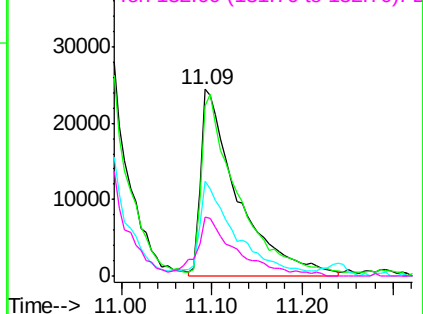
Abundance

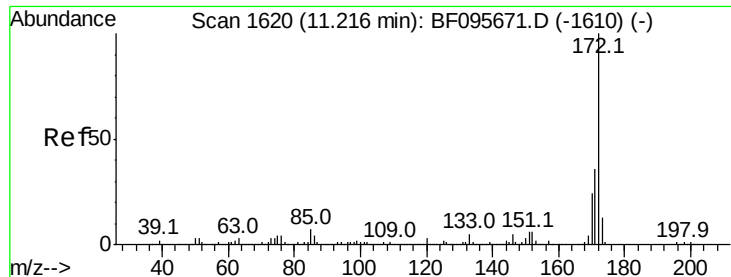
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

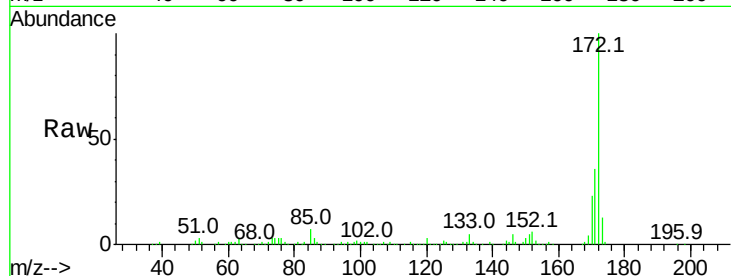




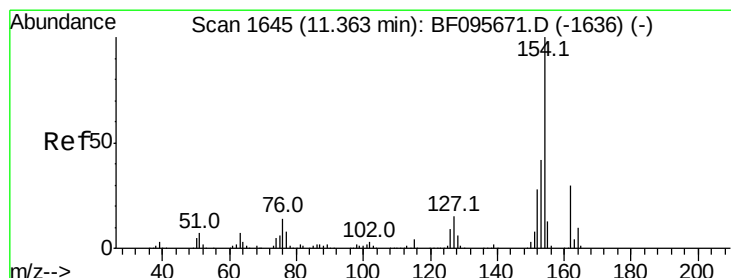
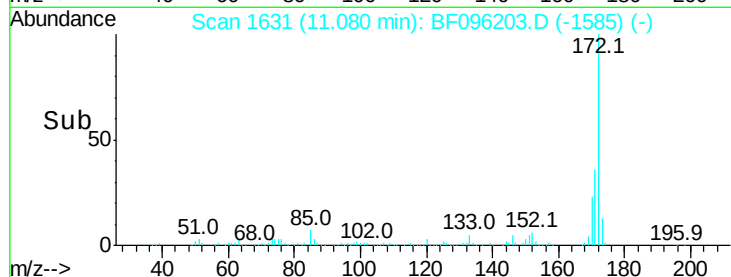
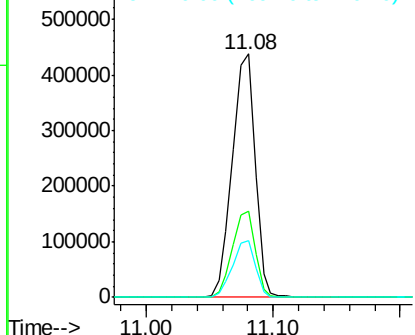
#44
2-Fluorobiphenyl
Concen: 90.15 ng
RT: 11.08 min Scan# 1631
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 546064
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.5 19.8 29.8

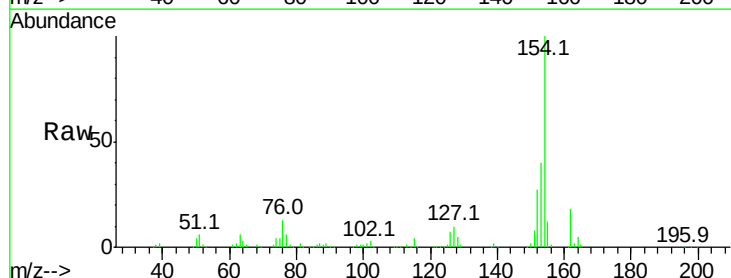


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

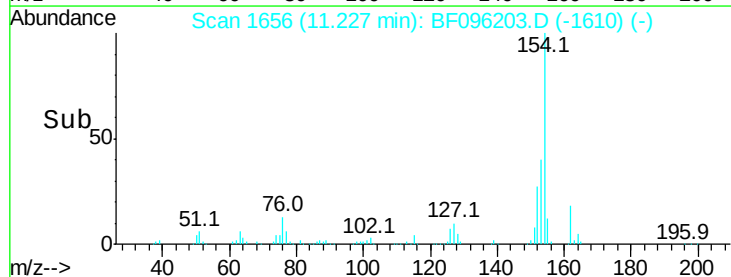
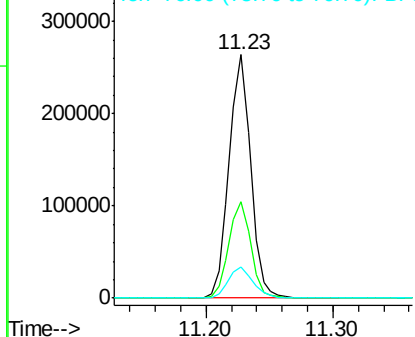


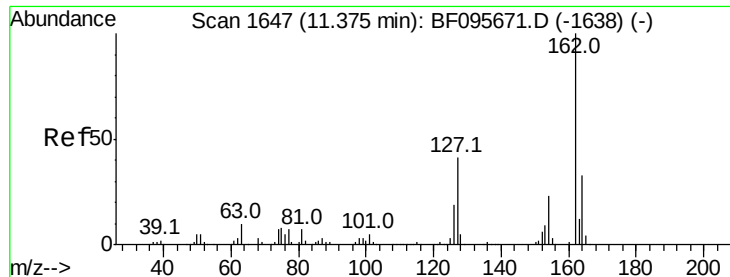
#45
1,1'-Biphenyl
Concen: 44.86 ng
RT: 11.23 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:154 Resp: 311646
Ion Ratio Lower Upper
154 100
153 39.9 21.2 61.2
76 12.8 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

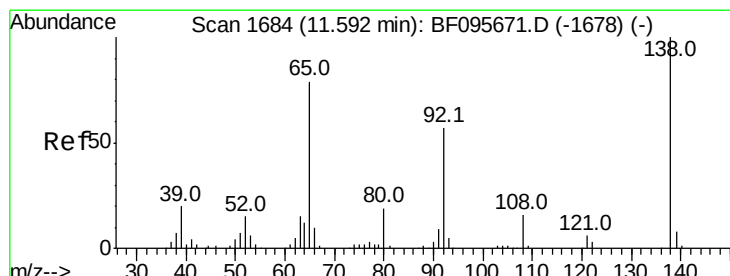
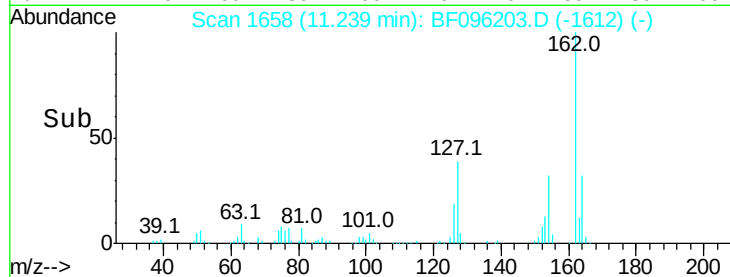
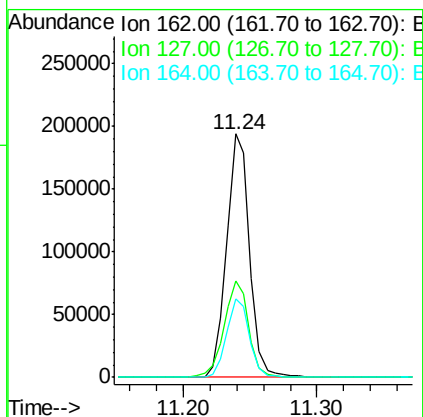
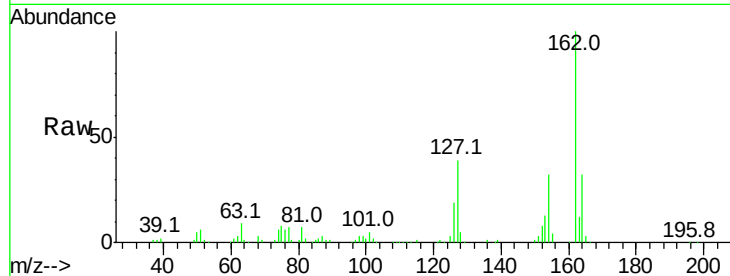




#46
2-Chloronaphthalene
Concen: 43.24 ng
RT: 11.24 min Scan# 1658
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

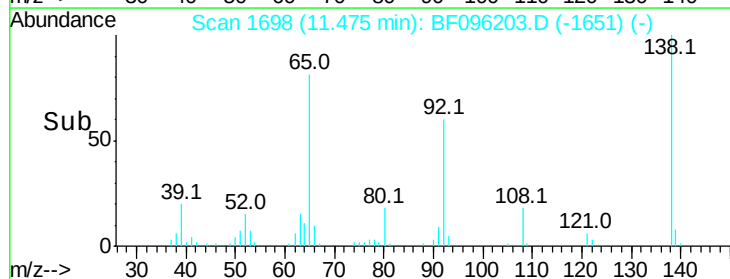
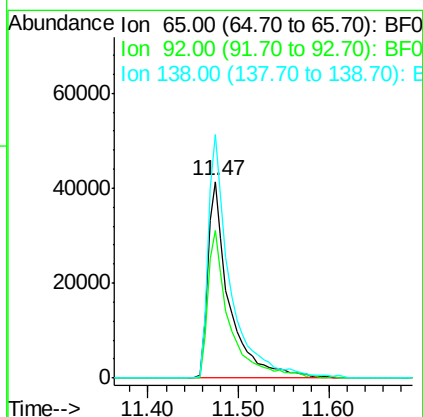
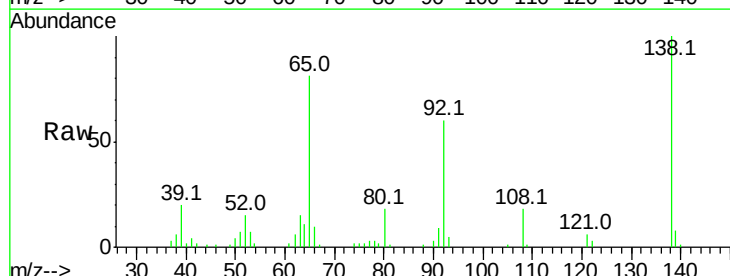
Instrument :
BNA_F
ClientSampleID :

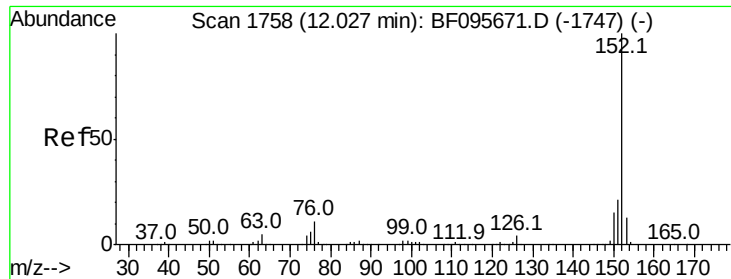
Tot Ion:162 Resp: 234703
Ion Ratio Lower Upper
162 100
127 39.5 28.3 42.5
164 32.3 27.0 40.4



#47
2-Nitroaniline
Concen: 43.59 ng
RT: 11.47 min Scan# 1698
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion: 65 Resp: 69239
Ion Ratio Lower Upper
65 100
92 74.9 53.9 80.9
138 123.9 78.8 118.2#





#48

Acenaphthylene

Concen: 39.87 ng

RT: 11.89 min Scan# 1768

Delta R.T. -0.04 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

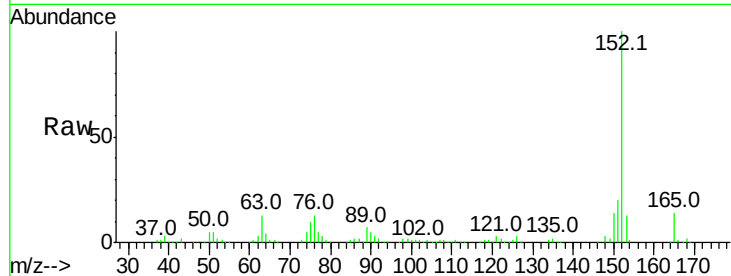
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 370056

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.7	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

11.89

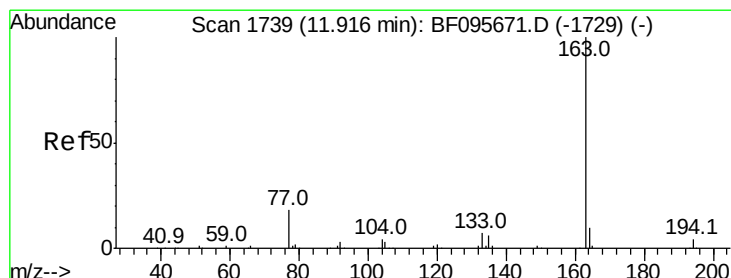
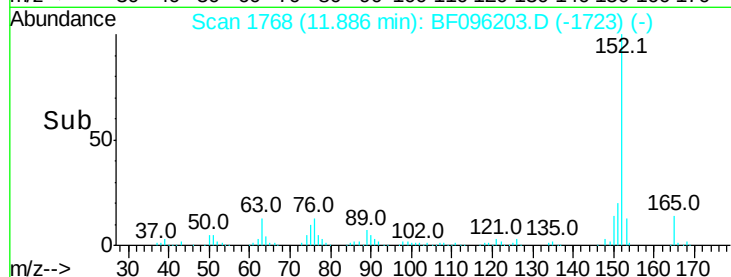
300000

200000

100000

0

Time--> 11.80 11.85 11.90 11.95



#49

Dimethylphthalate

Concen: 43.31 ng

RT: 11.78 min Scan# 1750

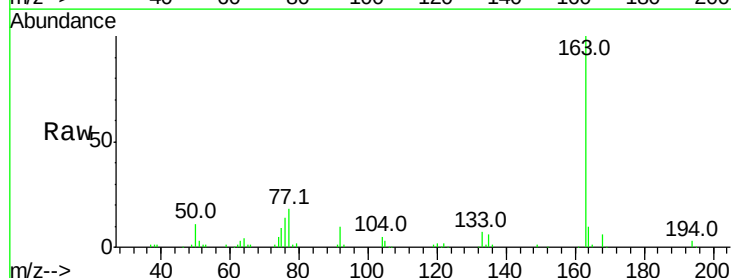
Delta R.T. -0.04 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Tgt Ion:163 Resp: 277176

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

11.78

250000

200000

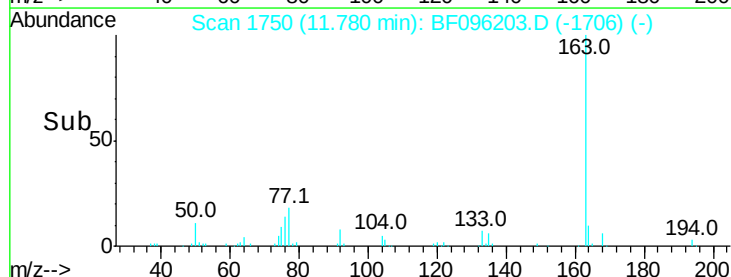
150000

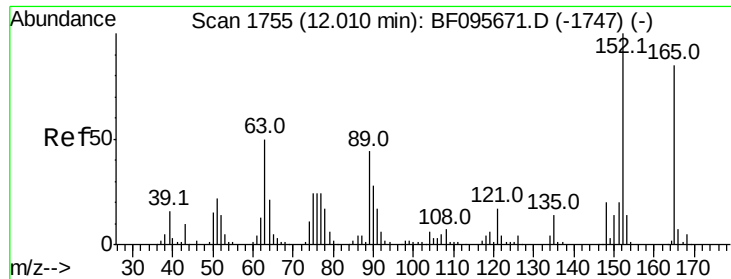
100000

50000

0

Time--> 11.70 11.80 11.90

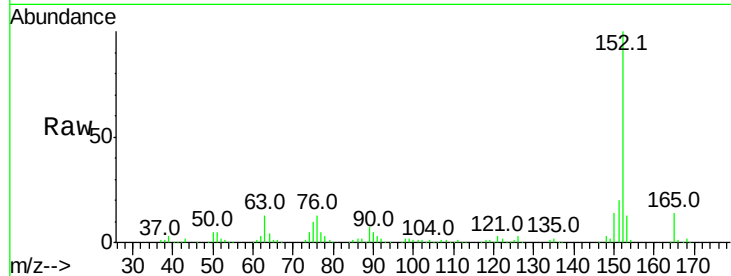




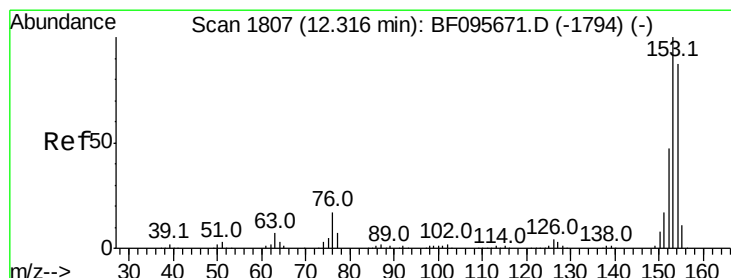
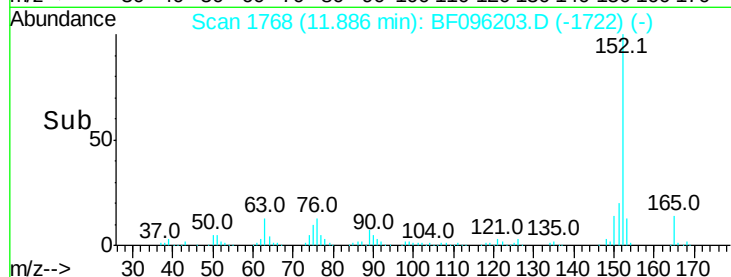
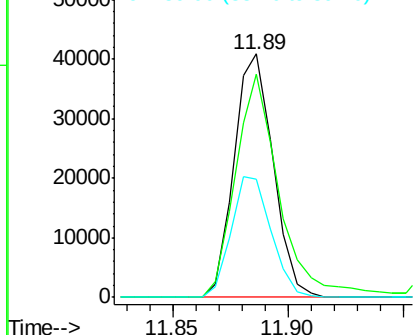
#50
2,6-Dinitrotoluene
Concen: 34.52 ng
RT: 11.89 min Scan# 1768
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 48185
Ion Ratio Lower Upper
165 100
63 91.6 34.3 51.5#
89 48.7 37.1 55.7

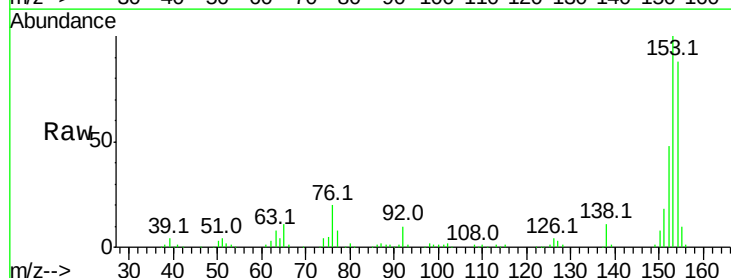


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

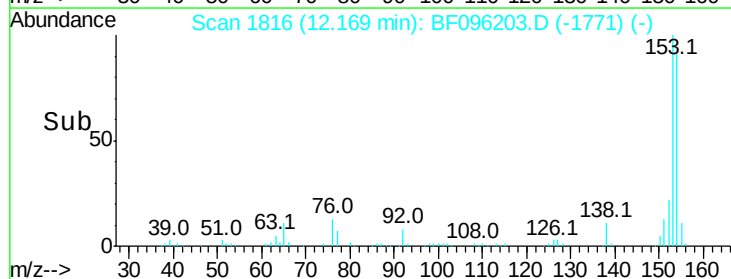
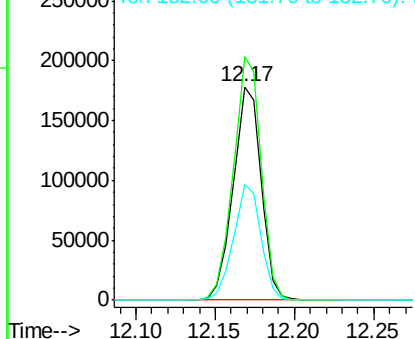


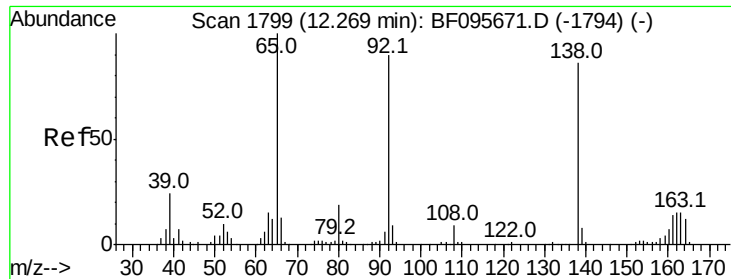
#51
Acenaphthene
Concen: 40.58 ng
RT: 12.17 min Scan# 1816
Delta R.T. -0.04 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:154 Resp: 217546
Ion Ratio Lower Upper
154 100
153 114.0 90.5 135.7
152 54.4 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

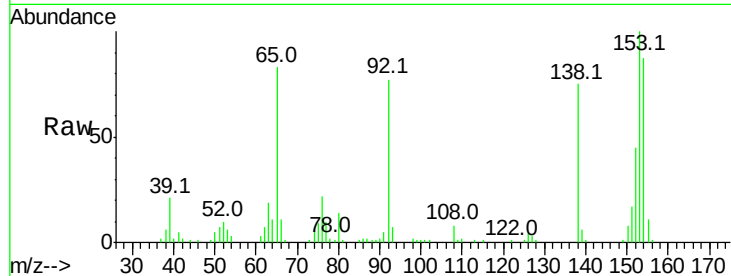




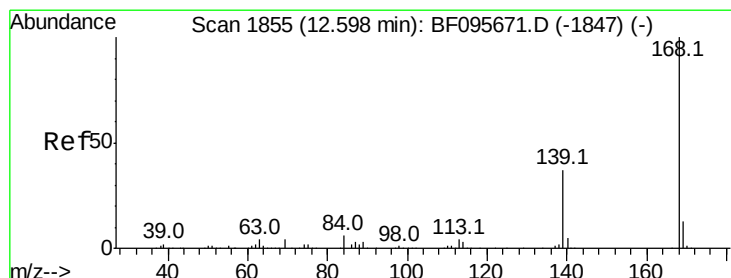
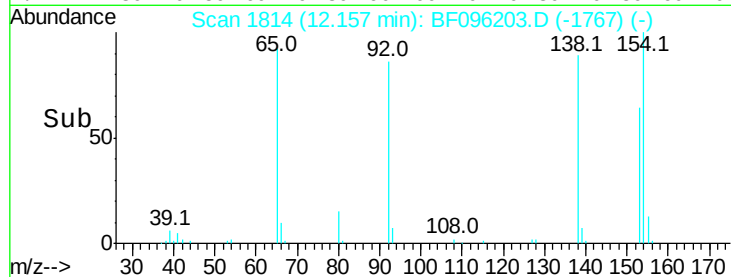
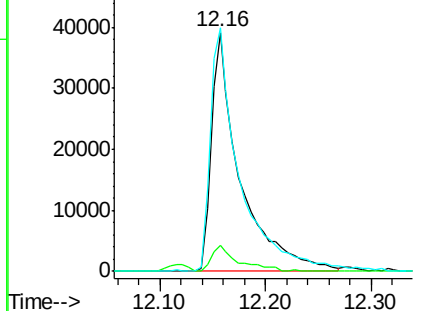
#52
3-Nitroaniline
Concen: 45.72 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 74357
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 101.9 93.8 140.6

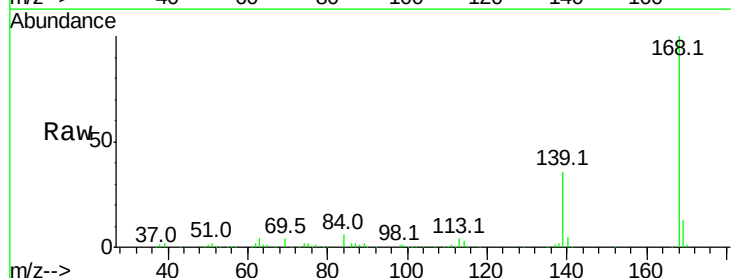


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

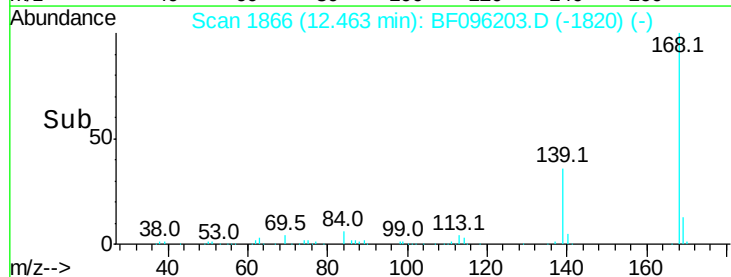
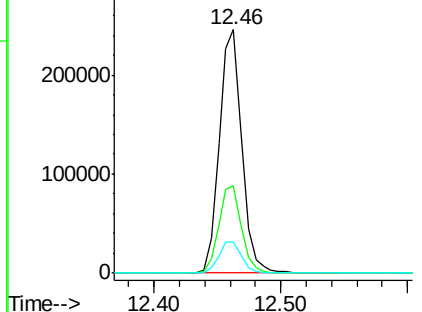


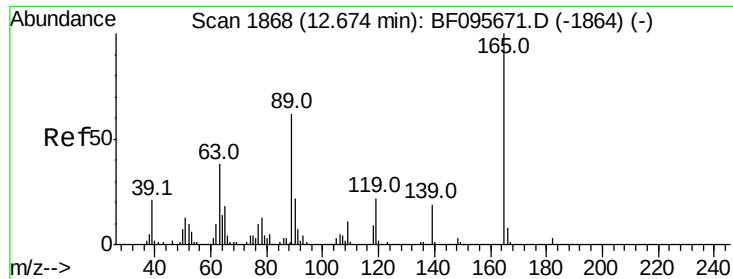
#54
Dibenzofuran
Concen: 40.15 ng
RT: 12.46 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:168 Resp: 302939
Ion Ratio Lower Upper
168 100
139 35.9 30.6 45.8
169 12.7 10.8 16.2



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

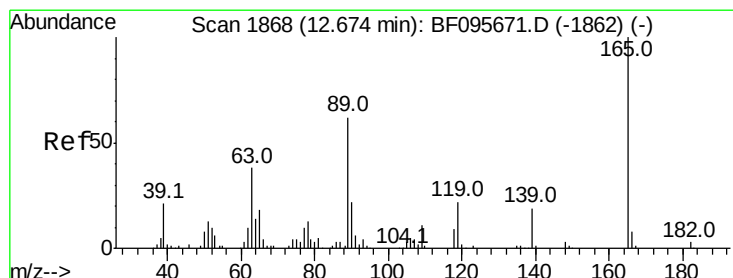
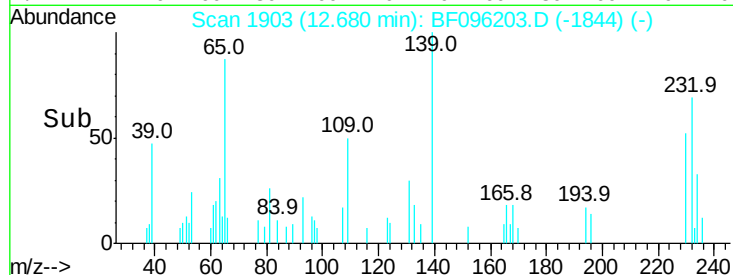
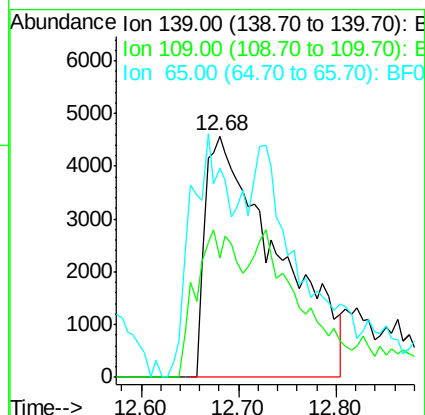
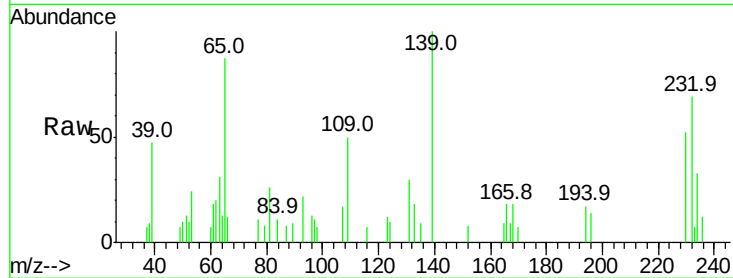




#55
4-Nitrophenol
Concen: 27.85 ng
RT: 12.68 min Scan# 1903
Delta R.T. 0.05 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

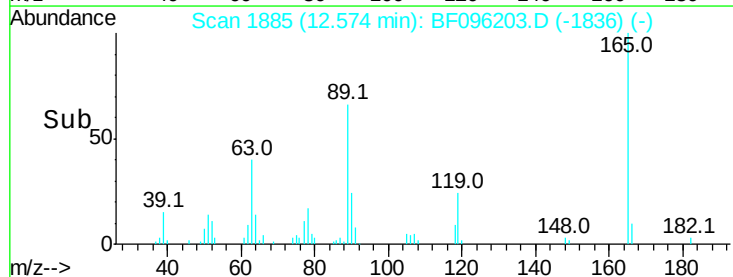
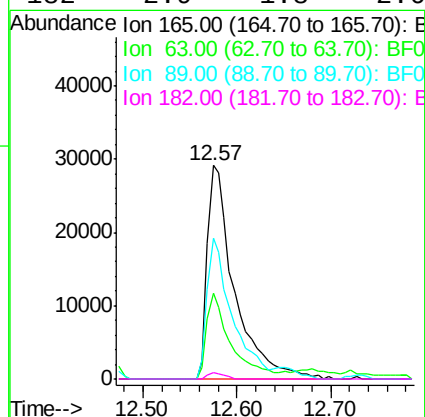
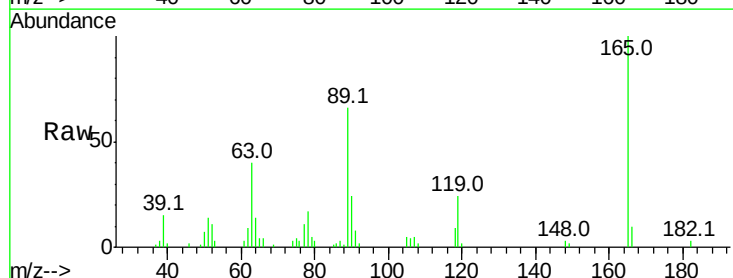
Instrument :
BNA_F
ClientSampleId :

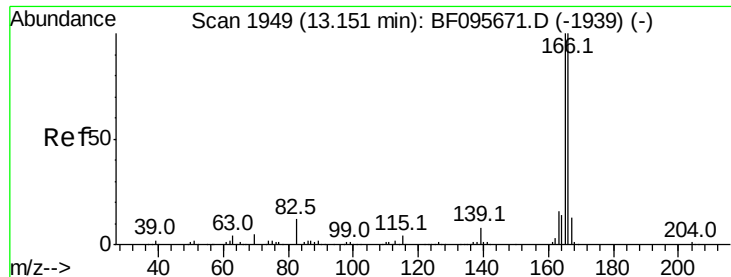
Tot Ion:139 Resp: 23404
Ion Ratio Lower Upper
139 100
109 49.5 34.1 74.1
65 86.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 31.29 ng
RT: 12.57 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:165 Resp: 59001
Ion Ratio Lower Upper
165 100
63 40.1 25.4 38.0#
89 66.2 46.4 69.6
182 2.9 1.8 2.6#

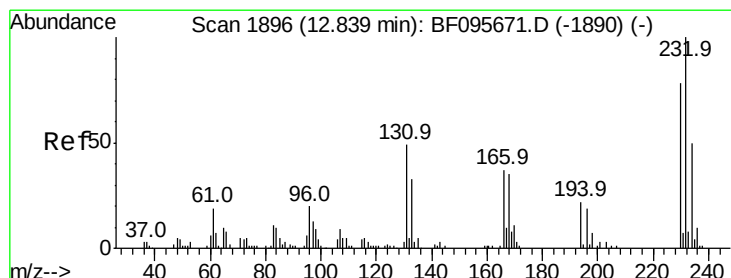
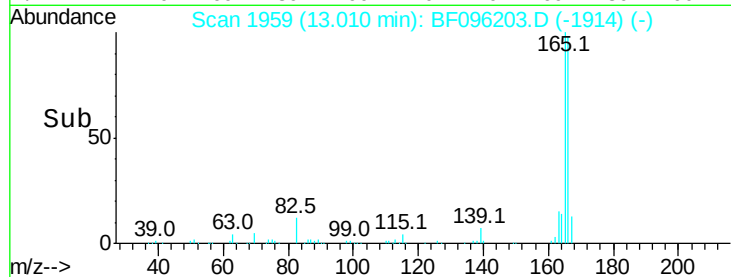
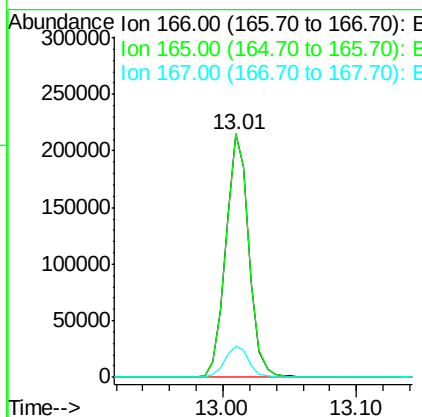
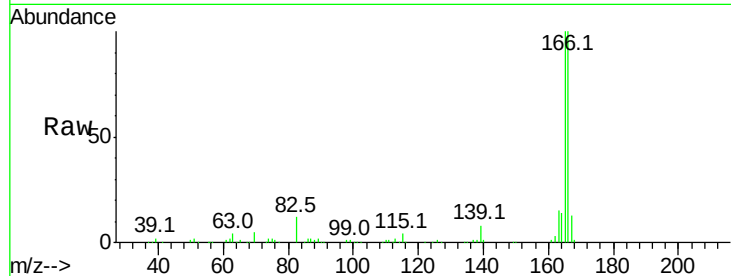




#57
 Fluorene
 Concen: 39.74 ng
 RT: 13.01 min Scan# 1959
 Delta R.T. -0.04 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

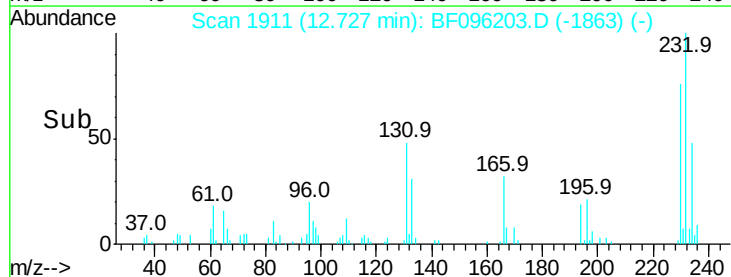
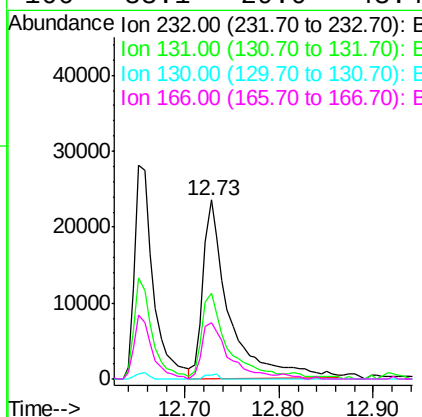
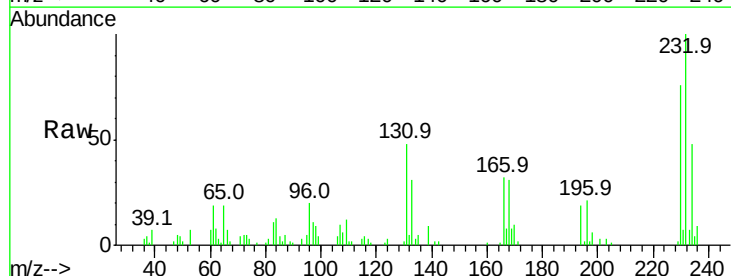
Instrument :
 BNA_F
 ClientSampled :

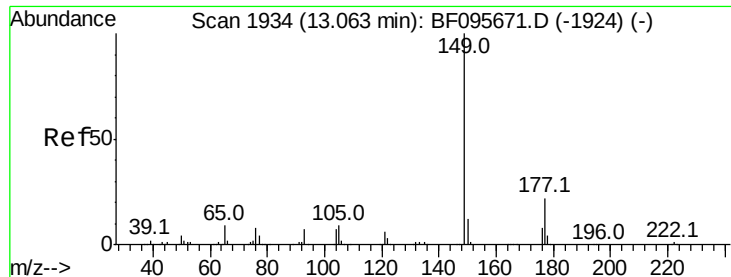
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.40 ng
 RT: 12.73 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	44.8	67.2#
130	1.4	2.3	3.5#
166	33.1	29.0	43.4

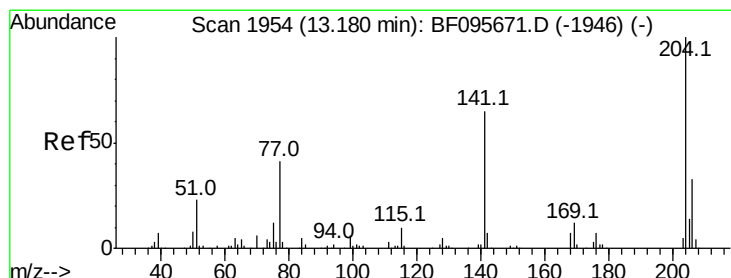
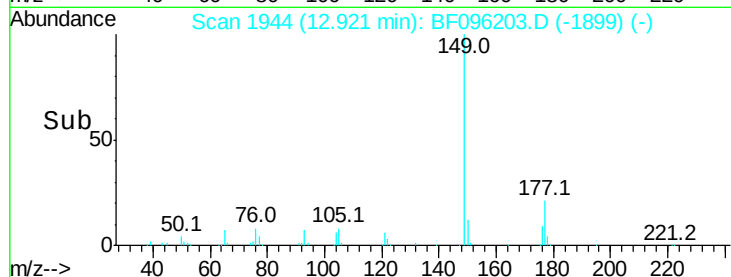
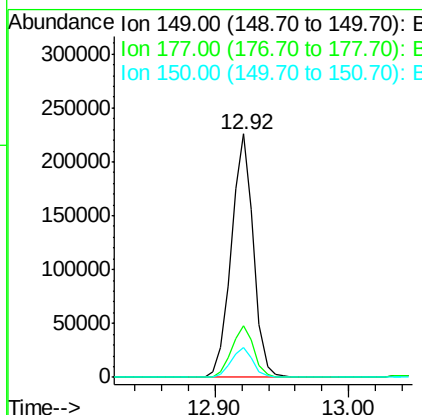
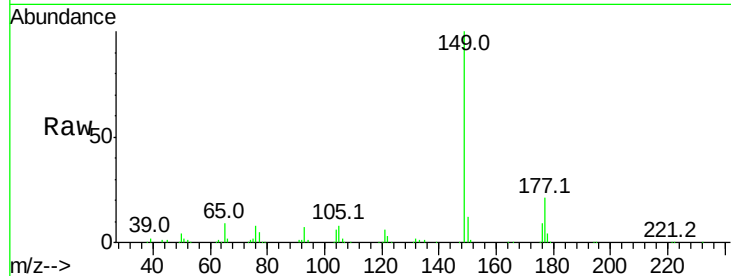




#59
Diethylphthalate
Concen: 42.48 ng
RT: 12.92 min Scan# 1944
Delta R.T. -0.04 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

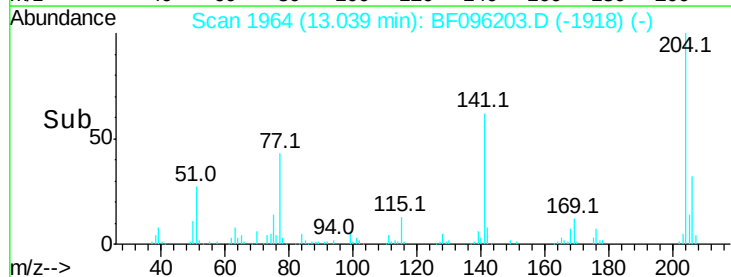
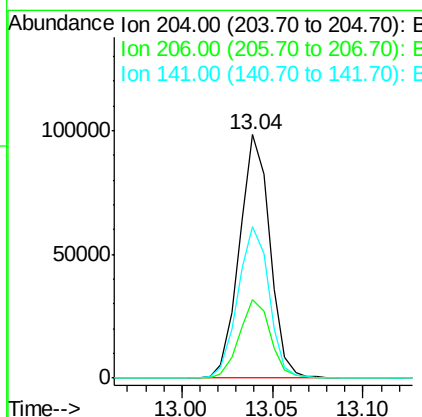
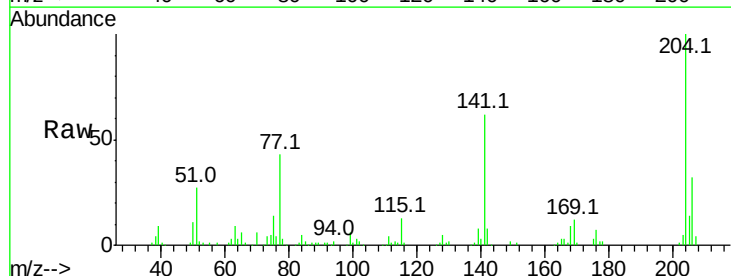
Instrument :
BNA_F
ClientSampled :

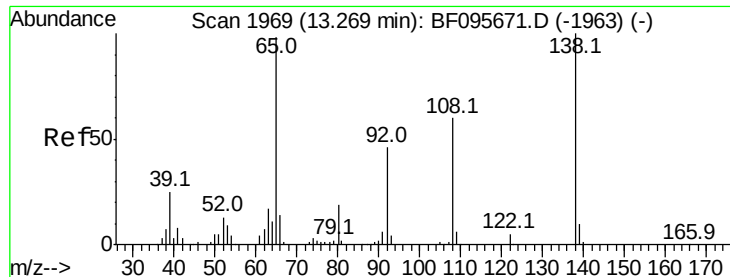
Tot Ion:149 Resp: 261666
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.25 ng
RT: 13.04 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:204 Resp: 114935
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 62.4 60.8 91.2

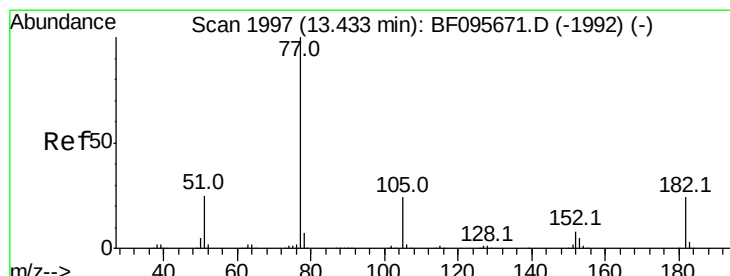
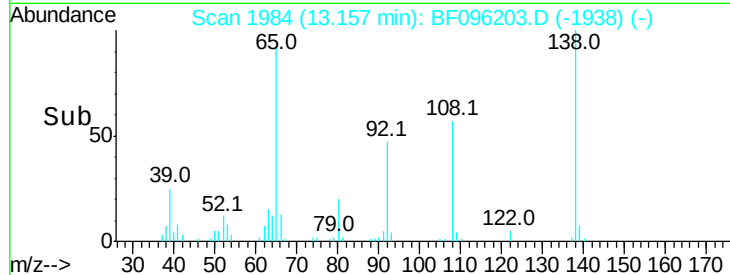
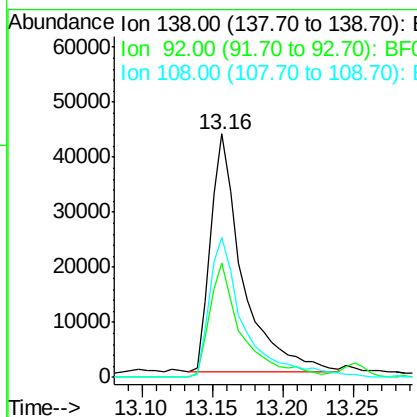
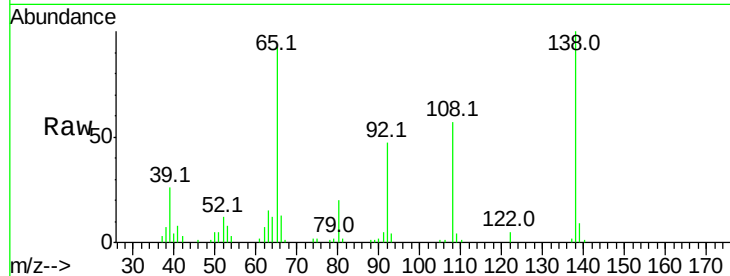




#61
 4-Nitroaniline
 Concen: 45.05 ng
 RT: 13.16 min Scan# 1984
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

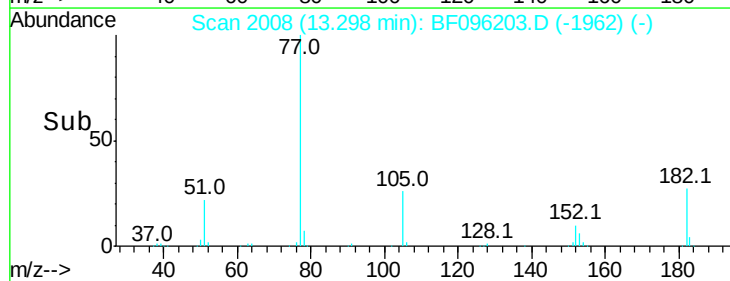
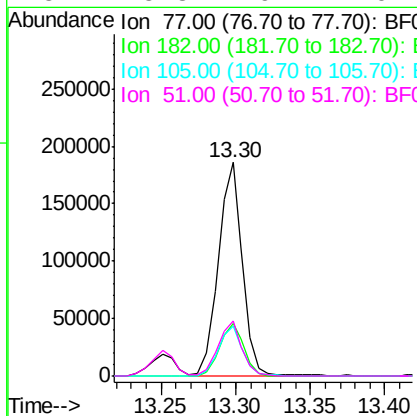
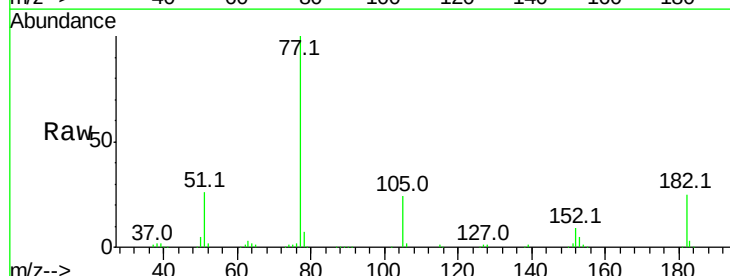
Instrument :
 BNA_F
 ClientSampled :

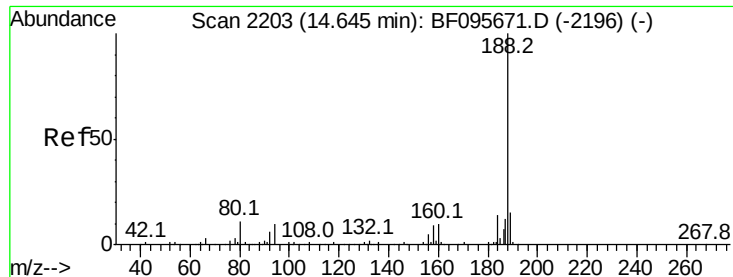
Tot Ion:	138	Resp:	68413
Ion	Ratio	Lower	Upper
138	100		
92	46.9	21.8	61.8
108	57.5	42.3	82.3



#62
 Azobenzene
 Concen: 37.39 ng
 RT: 13.30 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:	77	Resp:	208722
Ion	Ratio	Lower	Upper
77	100		
182	24.8	0.1	40.1
105	23.6	3.6	43.6
51	25.8	9.4	49.4

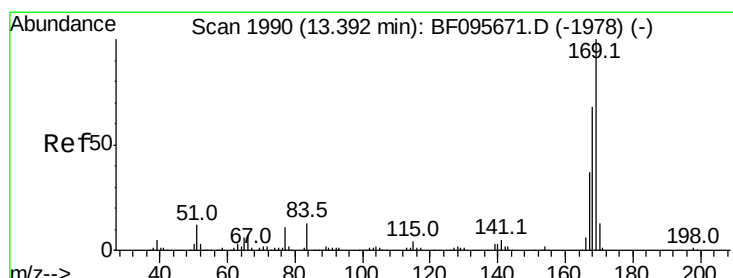
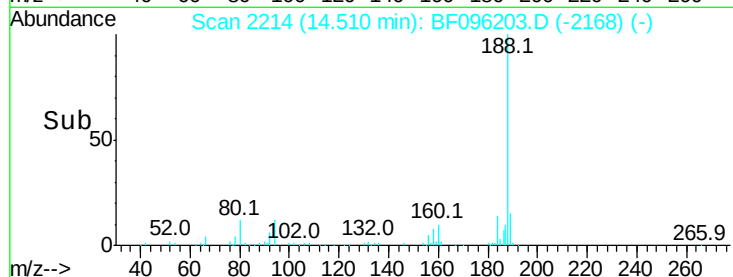
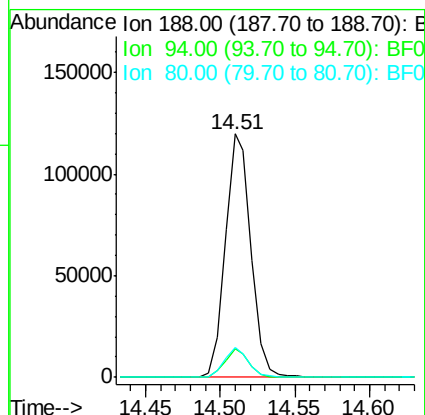
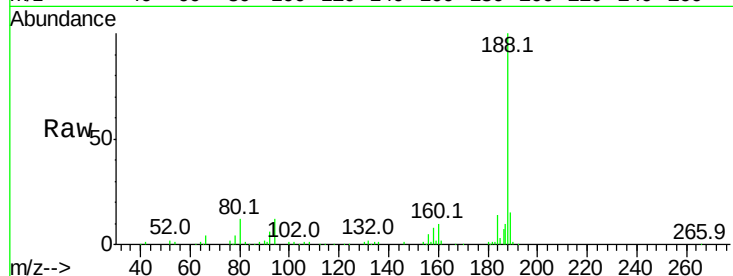




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

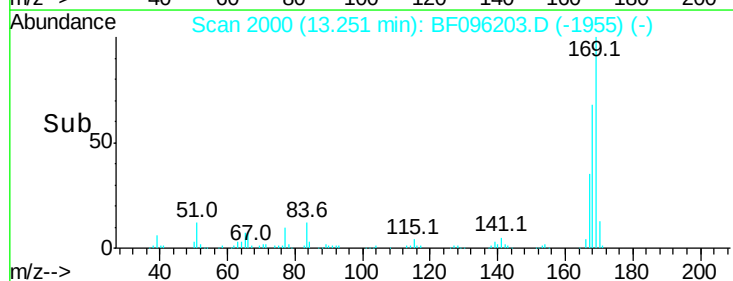
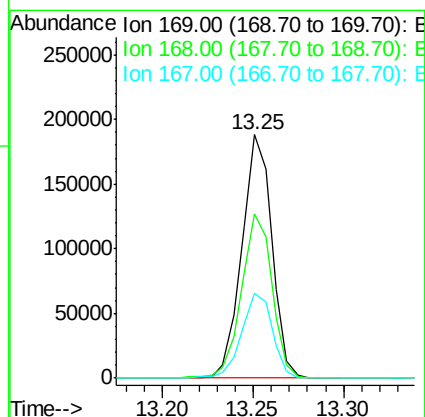
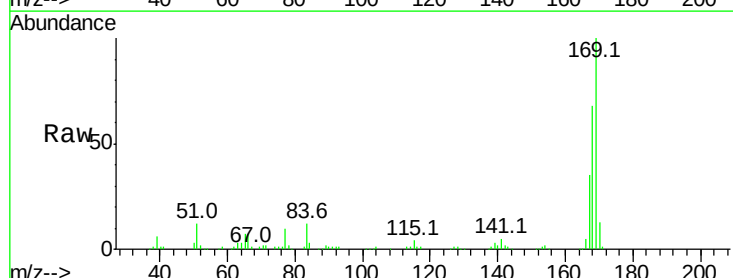
Instrument :
BNA_F
ClientSampleId :

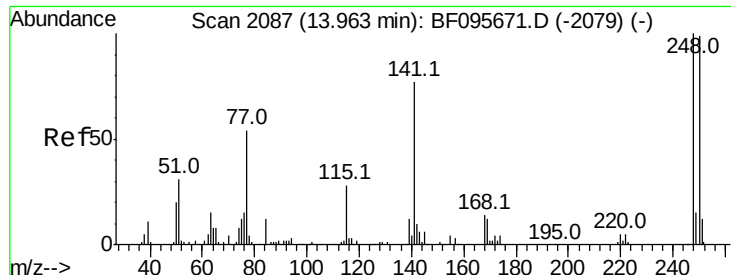
Tot Ion:188 Resp: 144047
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.2 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 41.77 ng
RT: 13.25 min Scan# 2000
Delta R.T. -0.04 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:169 Resp: 216189
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 34.7 29.5 44.3

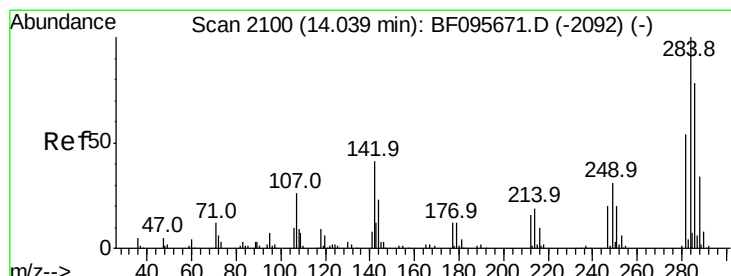
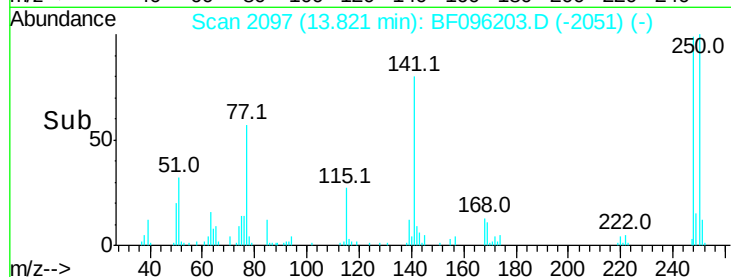
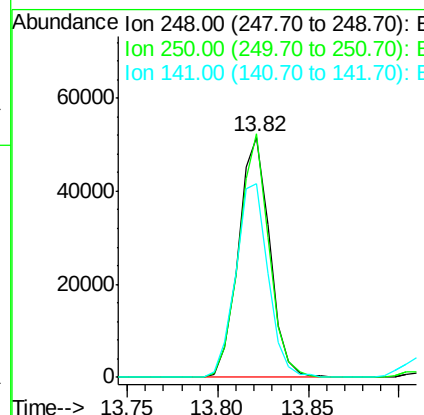
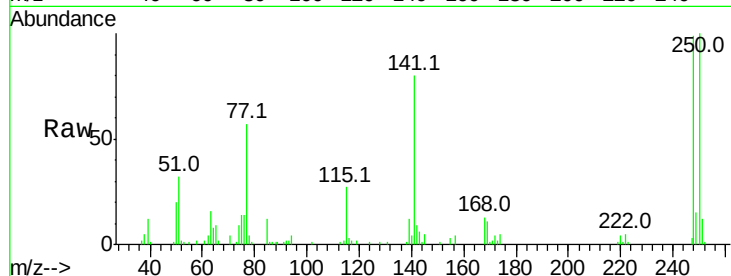




#66
4-Bromophenyl-phenylether
Concen: 41.23 ng
RT: 13.82 min Scan# 2097
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

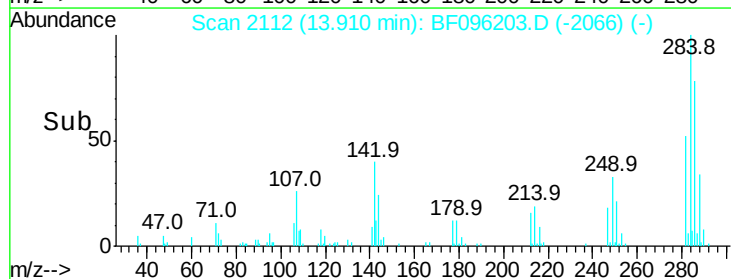
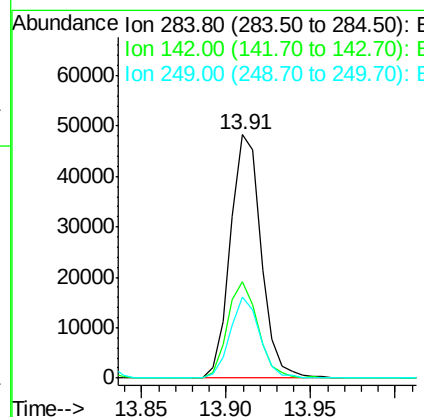
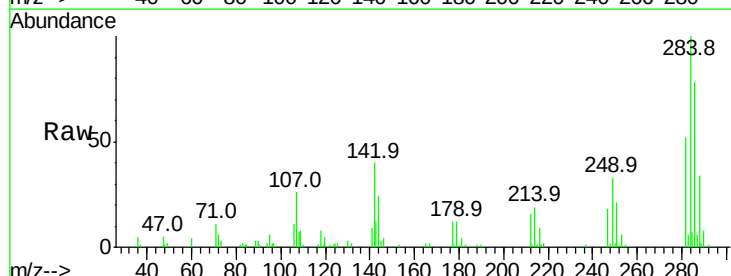
Instrument :
BNA_F
ClientSampleId :

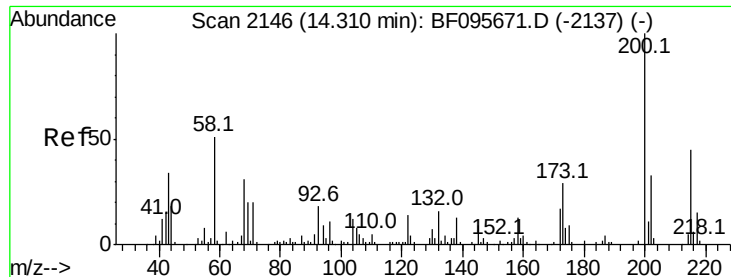
Tot Ion:248 Resp: 61717
Ion Ratio Lower Upper
248 100
250 101.3 76.8 115.2
141 80.9 68.6 103.0



#67
Hexachlorobenzene
Concen: 41.49 ng
RT: 13.91 min Scan# 2112
Delta R.T. -0.03 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:284 Resp: 61202
Ion Ratio Lower Upper
284 100
142 39.8 22.8 34.2#
249 33.2 24.0 36.0

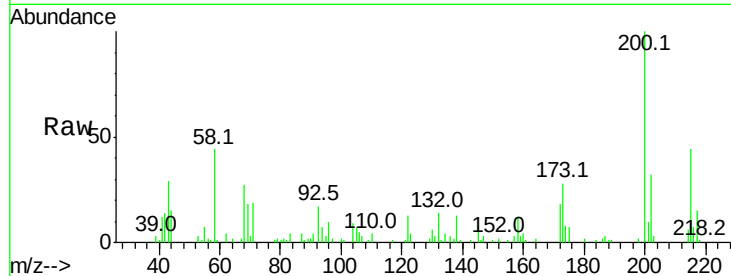




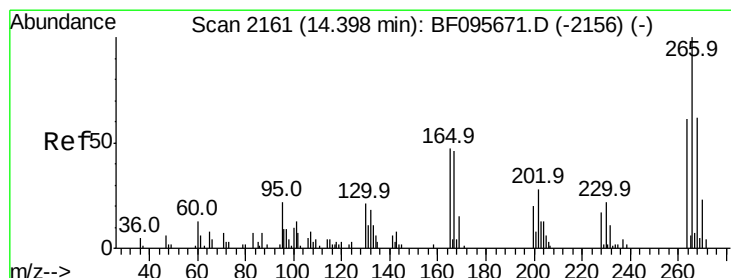
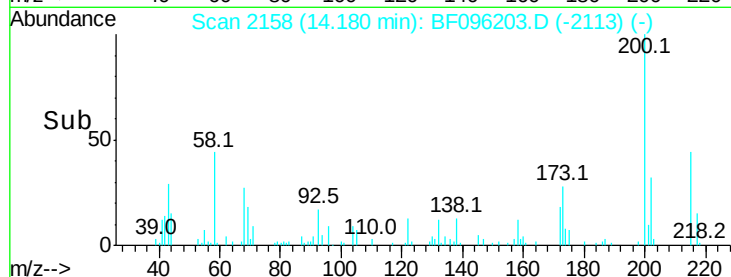
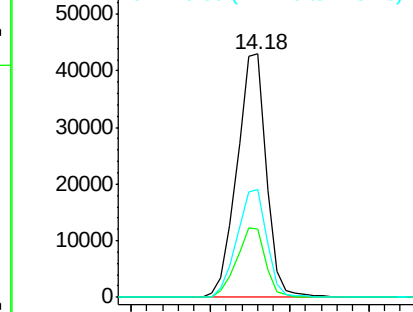
#68
Atrazine
Concen: 38.35 ng
RT: 14.18 min Scan# 2158
Delta R.T. -0.04 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 55251
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 44.1 27.2 67.2

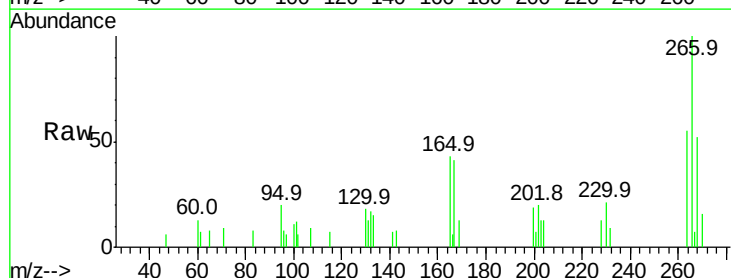


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

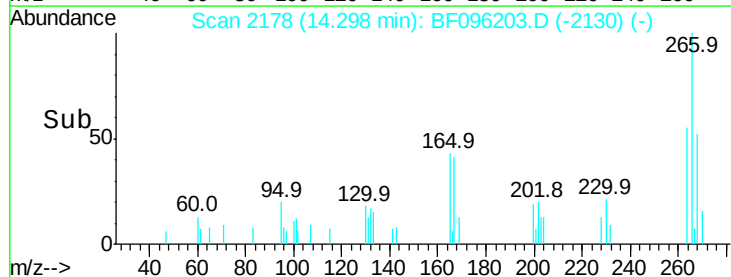
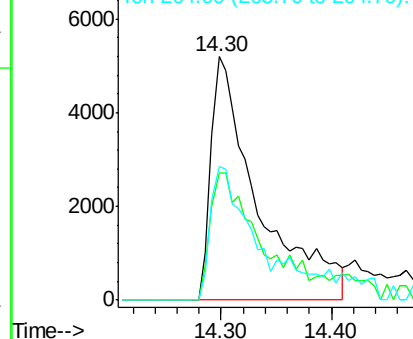


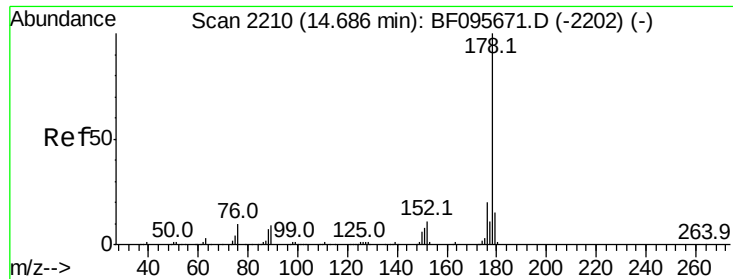
#69
Pentachlorophenol
Concen: 31.74 ng
RT: 14.30 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:266 Resp: 15325
Ion Ratio Lower Upper
266 100
268 52.1 51.1 76.7
264 54.7 51.7 77.5



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

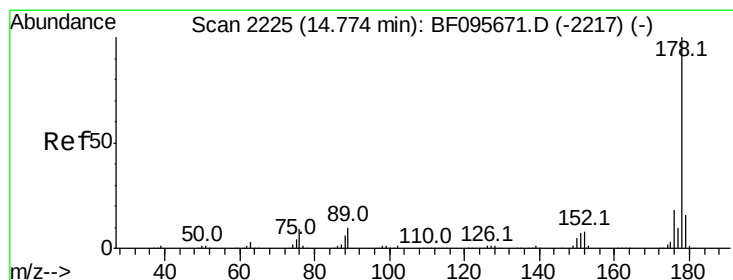
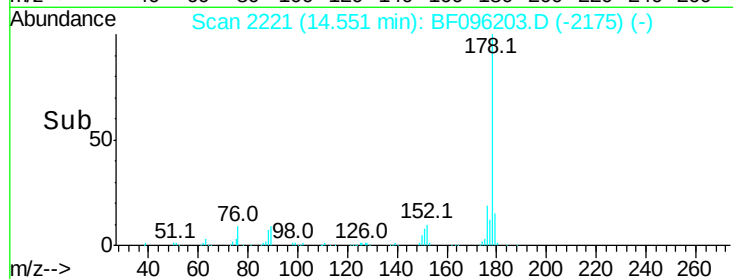
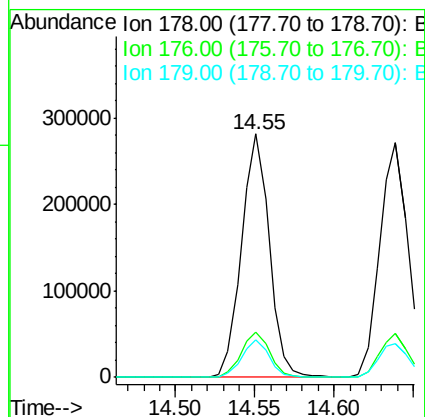
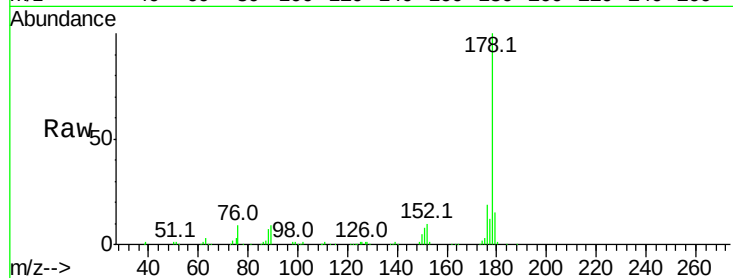




#70
 Phenanthrene
 Concen: 41.26 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

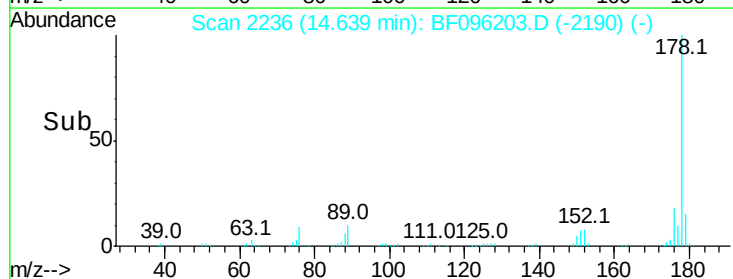
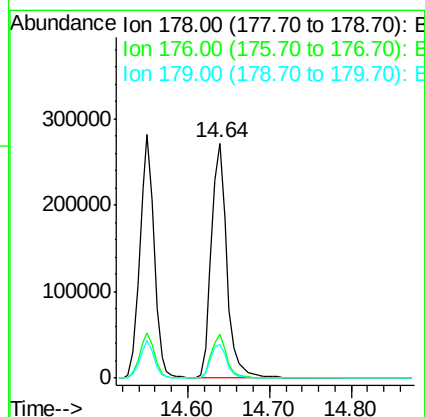
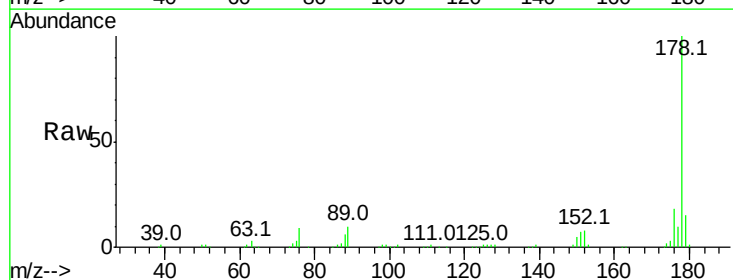
Instrument :
 BNA_F
 ClientSampleId :

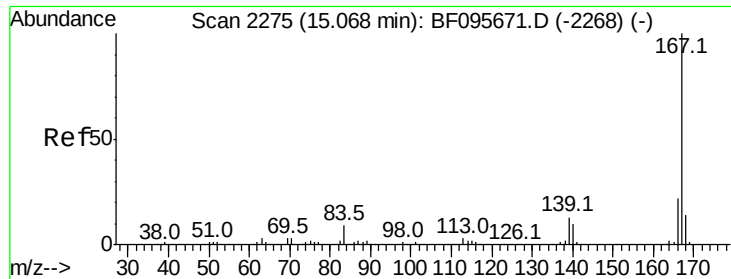
Tot Ion:178 Resp: 342925
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.3 12.6 19.0



#71
 Anthracene
 Concen: 41.41 ng
 RT: 14.64 min Scan# 2236
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:178 Resp: 359334
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 14.6 12.7 19.1

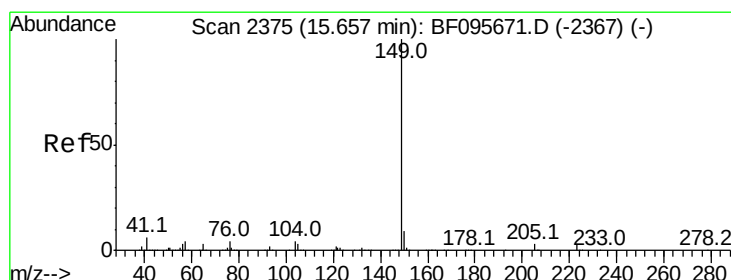
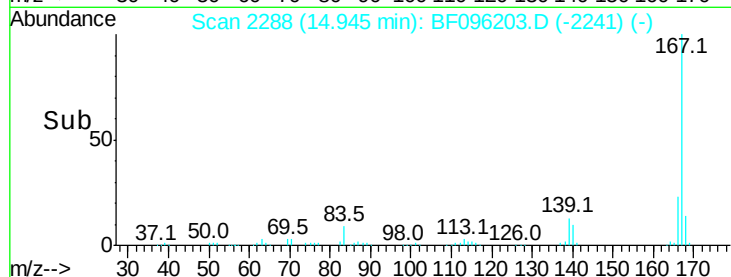
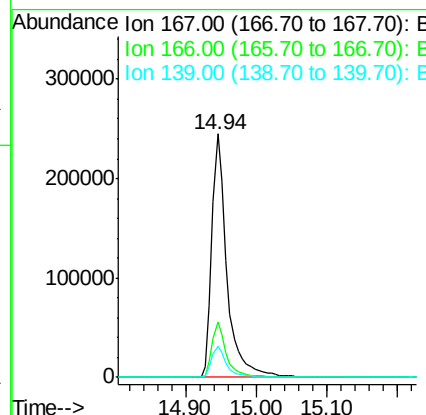
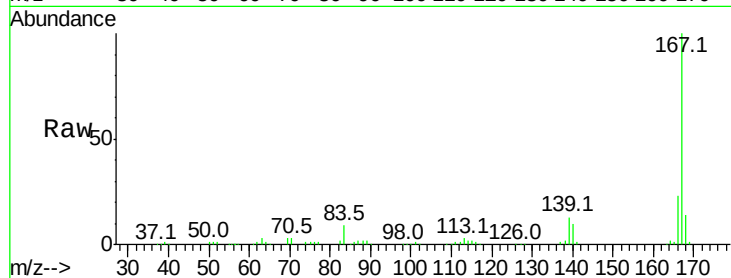




#72
 Carbazole
 Concen: 43.20 ng
 RT: 14.94 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

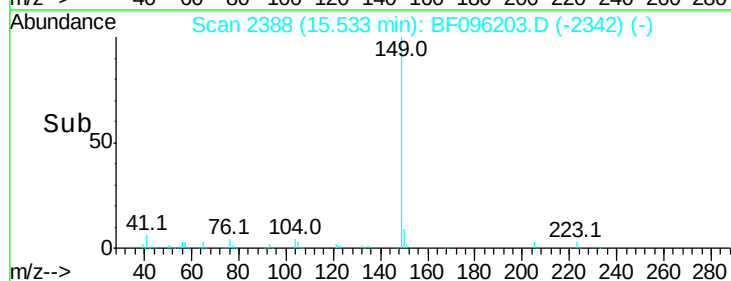
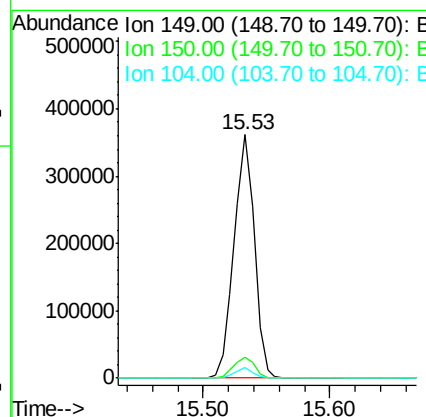
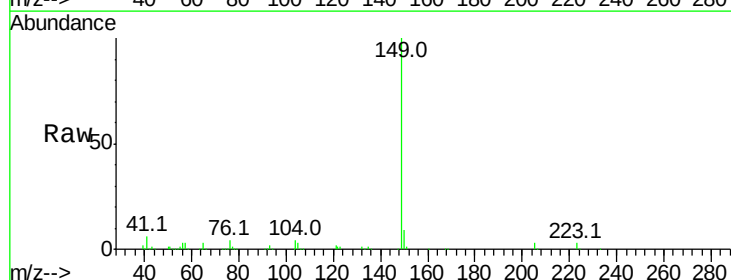
Instrument :
 BNA_F
 ClientSampleId :

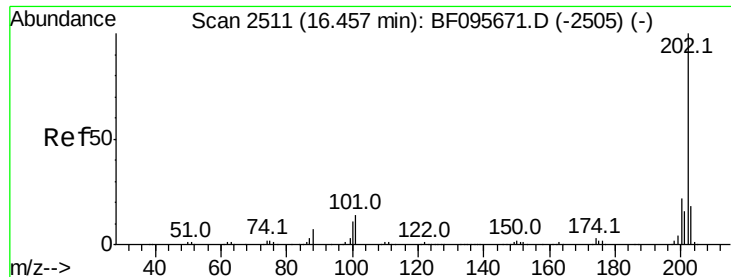
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	12.7	11.7	17.5



#73
 Di-n-butylphthalate
 Concen: 44.54 ng
 RT: 15.53 min Scan# 2388
 Delta R.T. -0.03 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.1	4.0	6.0

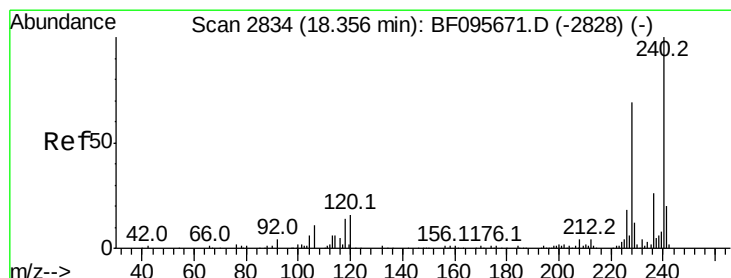
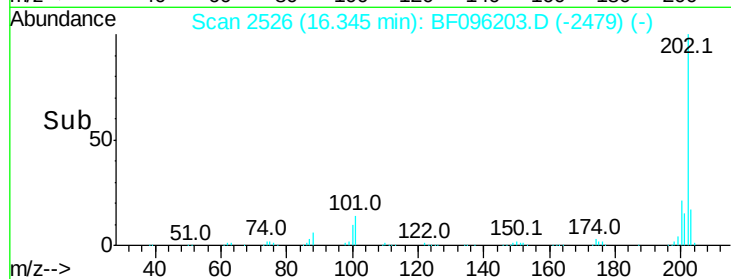
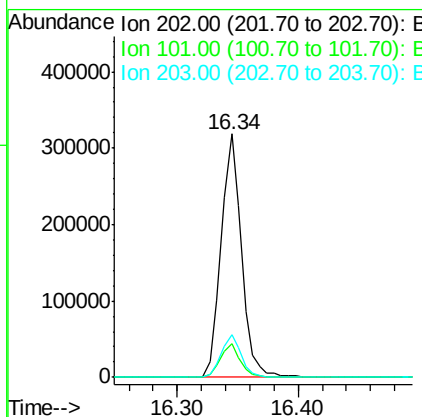
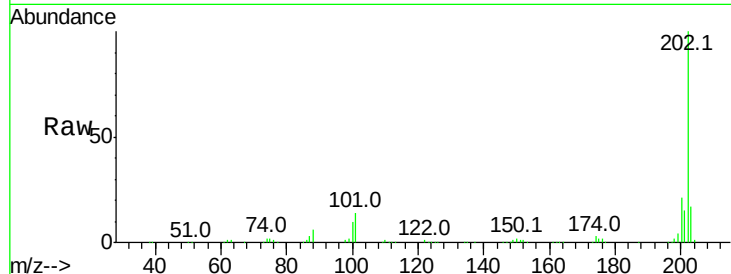




#74
 Fluoranthene
 Concen: 44.99 ng
 RT: 16.34 min Scan# 2526
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

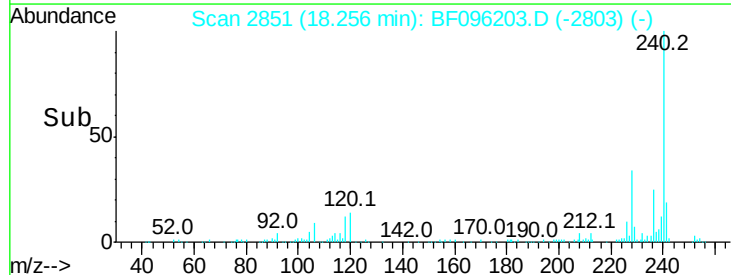
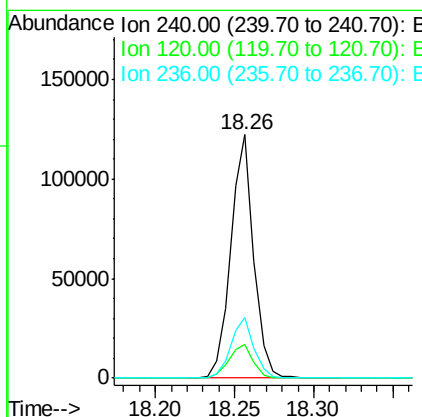
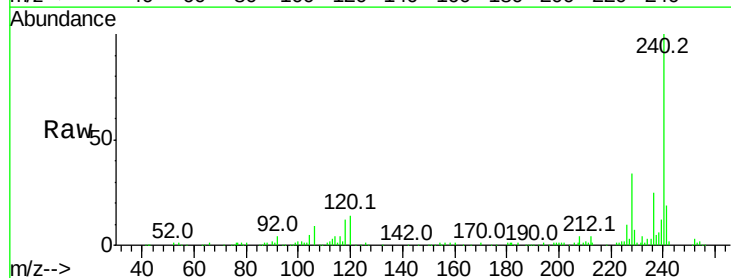
Instrument :
 BNA_F
 ClientSampleId :

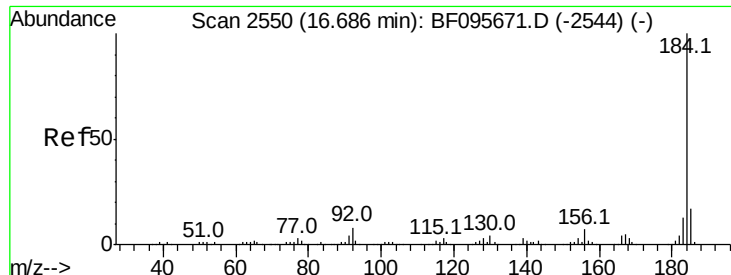
Tot Ion:202 Resp: 370092
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 33.2
 203 17.4 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.26 min Scan# 2851
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:240 Resp: 121443
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 24.8 20.5 30.7

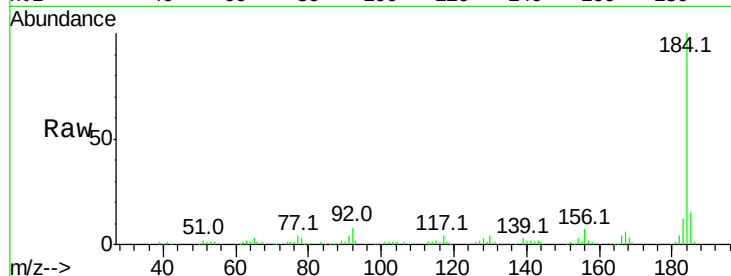




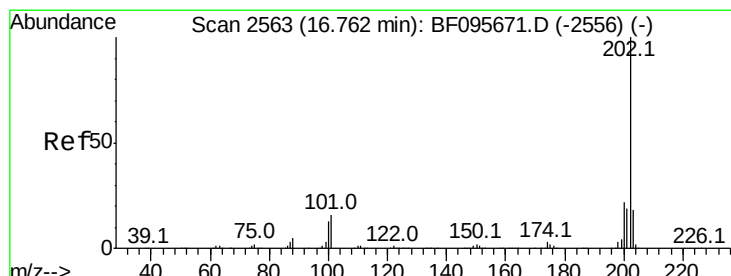
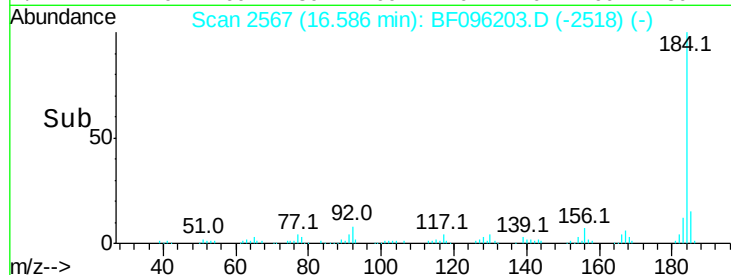
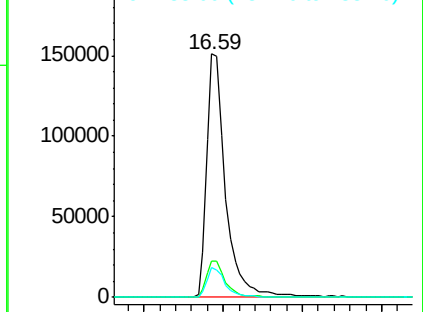
#76
Benzidine
Concen: 54.00 ng
RT: 16.59 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 251855
Ion Ratio Lower Upper
184 100
185 14.9 15.5 23.3#
183 12.5 9.8 14.6

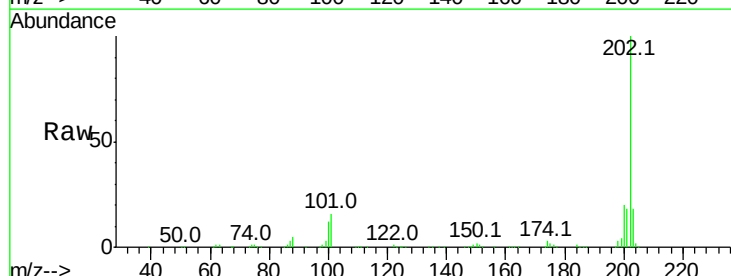


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

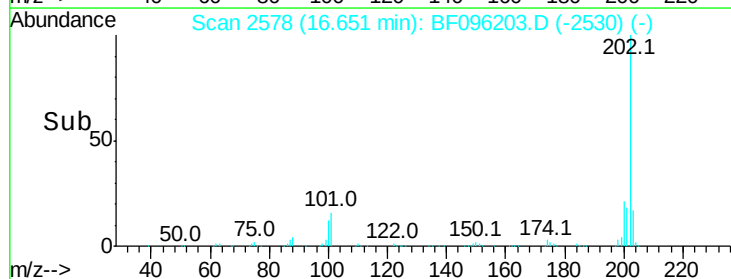
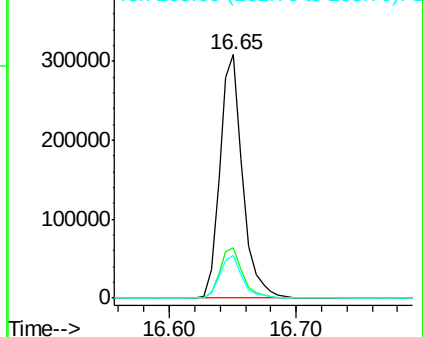


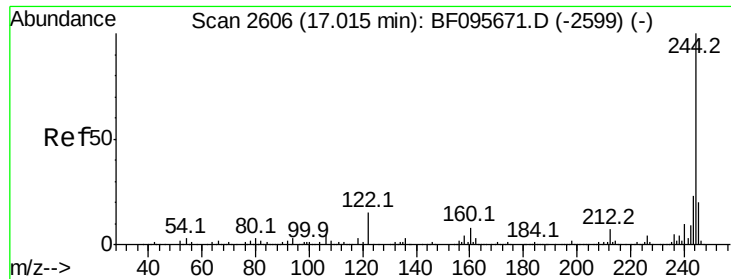
#77
Pyrene
Concen: 42.18 ng
RT: 16.65 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:202 Resp: 382255
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 17.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

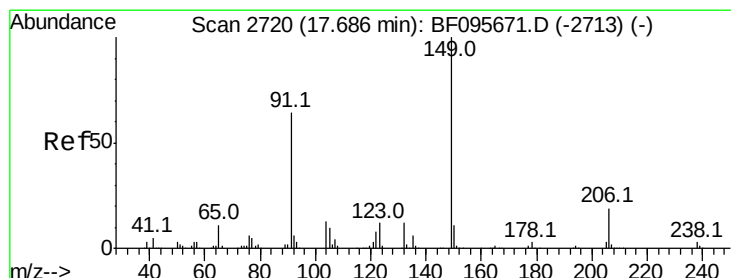
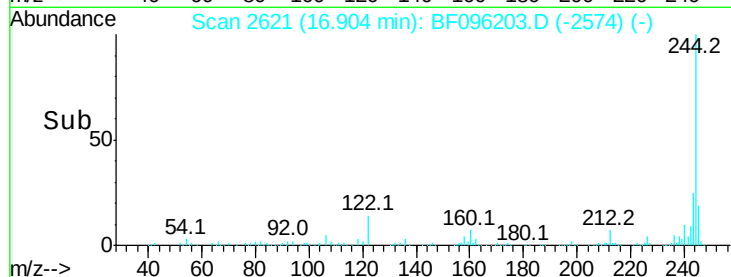
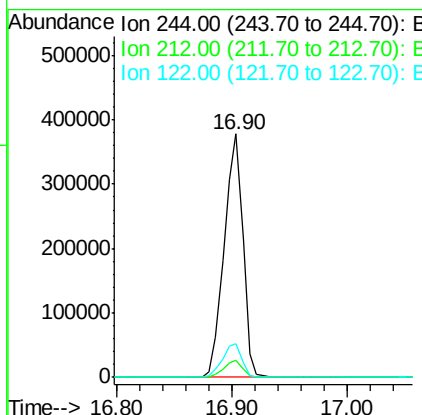
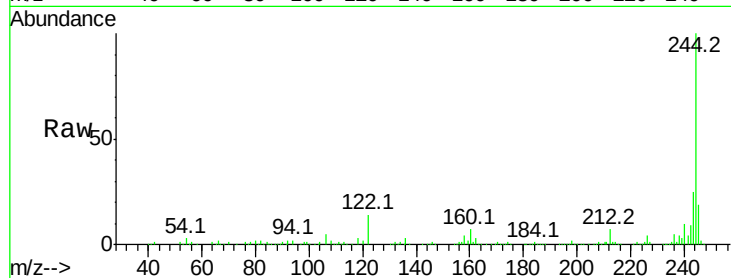




#78
 Terphenyl-d14
 Concen: 86.54 ng
 RT: 16.90 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

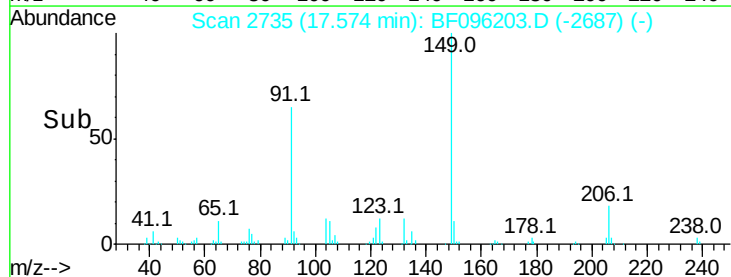
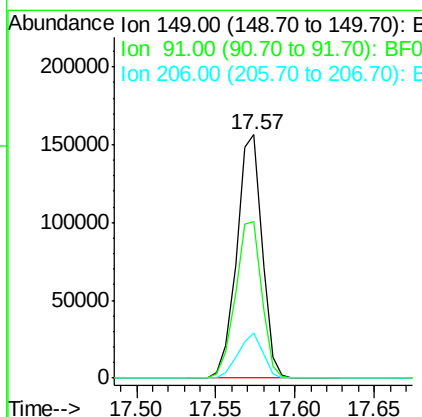
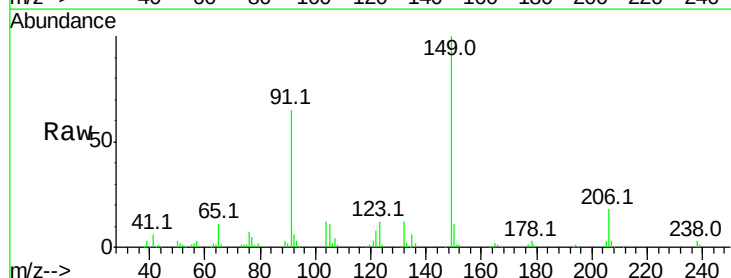
Instrument :
 BNA_F
 ClientSampleId :

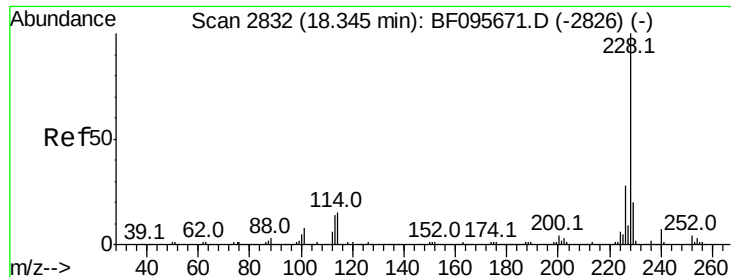
Tot Ion:244 Resp: 423504
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.8 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 43.65 ng
 RT: 17.57 min Scan# 2735
 Delta R.T. -0.02 min
 Lab File: BF096203.D
 Acq: 25 Jun 2017 00:32

Tgt Ion:149 Resp: 172750
 Ion Ratio Lower Upper
 149 100
 91 64.6 45.0 67.4
 206 18.4 17.0 25.6





#80

Benzo(a)anthracene

Concen: 40.88 ng

RT: 18.24 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampleId :

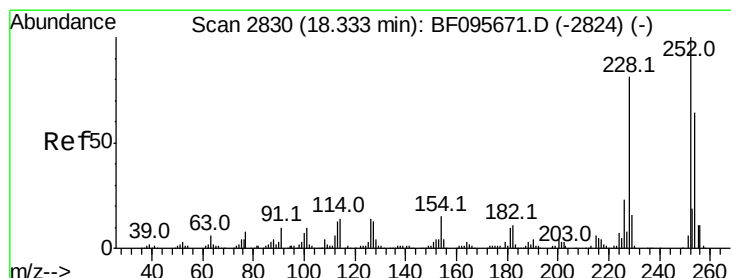
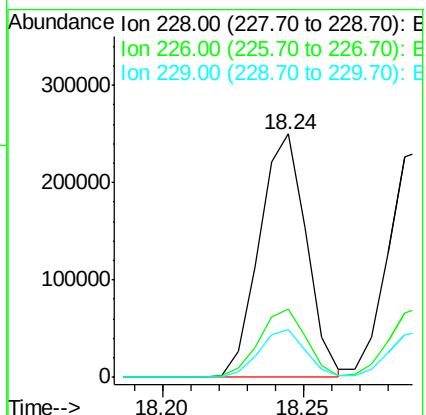
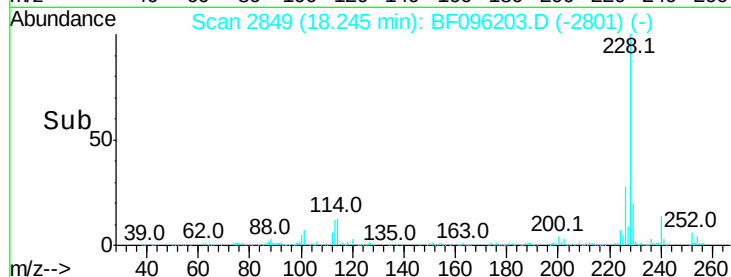
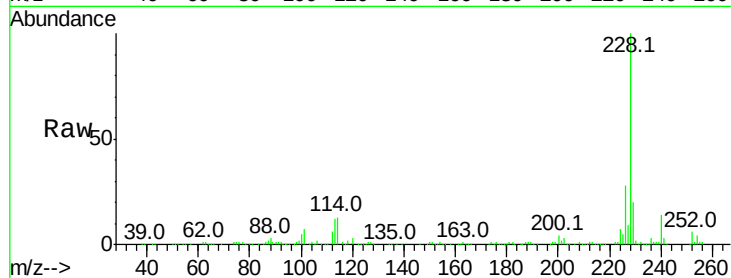
Tot Ion:228 Resp: 288643

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 19.7 16.3 24.5



#81

3,3'-Dichlorobenzidine

Concen: 46.35 ng

RT: 18.23 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

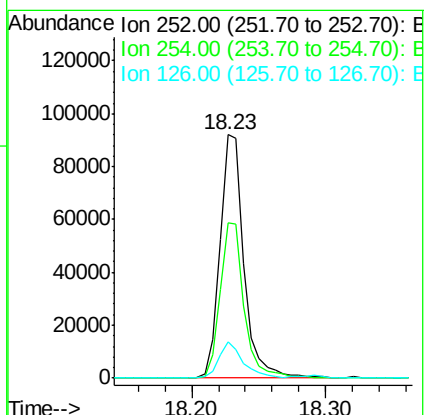
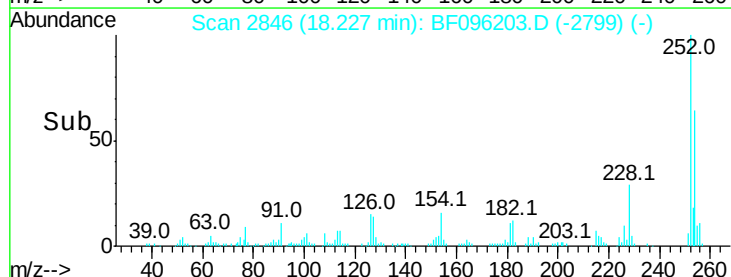
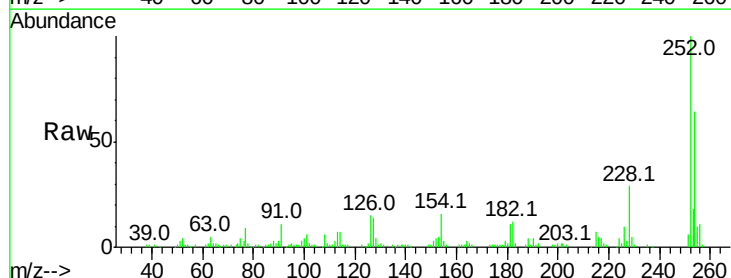
Tgt Ion:252 Resp: 116343

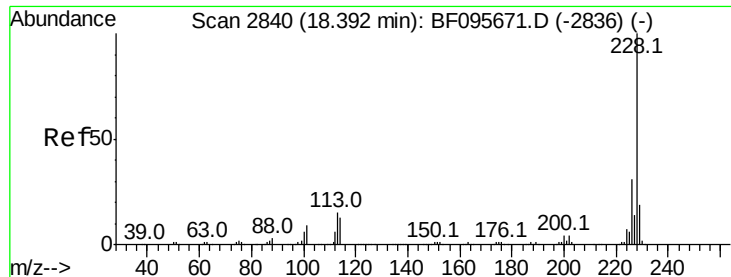
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 14.7 15.8 23.8#





#82

Chrysene

Concen: 40.94 ng

RT: 18.29 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

Instrument :

BNA_F

ClientSampleId :

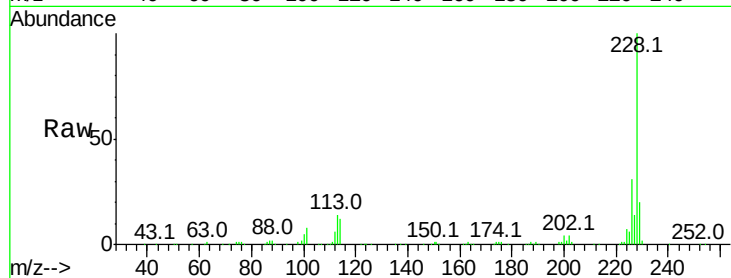
Tot Ion:228 Resp: 288896

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

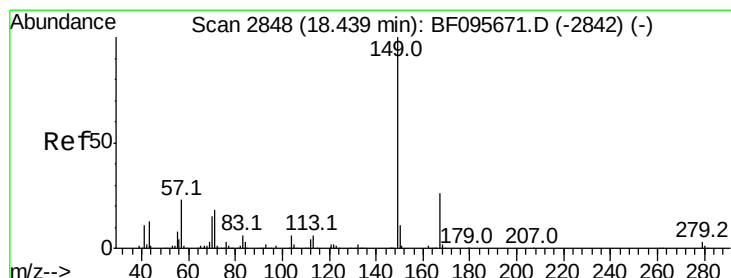
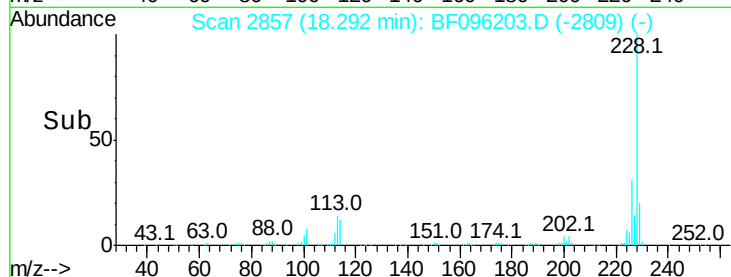
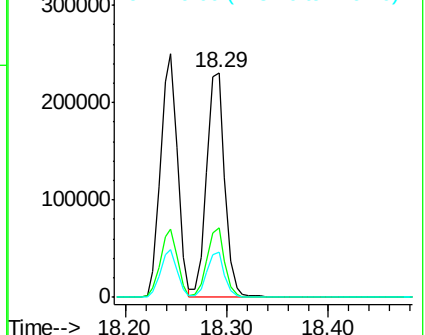
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.11 ng

RT: 18.33 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BF096203.D

Acq: 25 Jun 2017 00:32

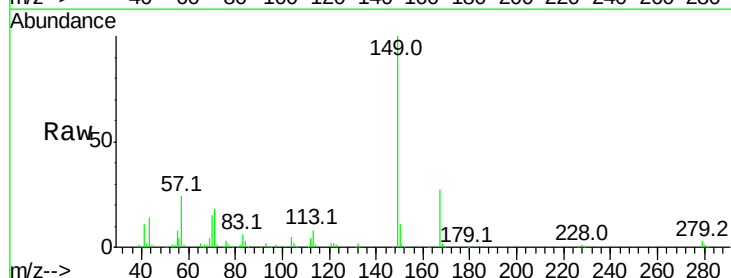
Tgt Ion:149 Resp: 251835

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

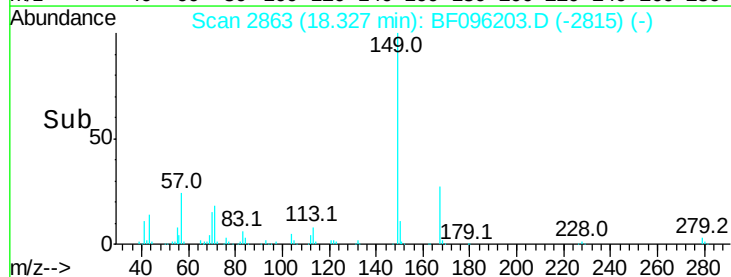
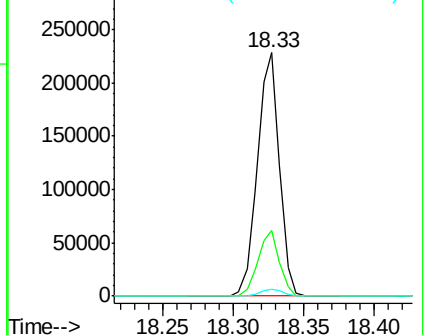
279 2.7 1.9 2.9

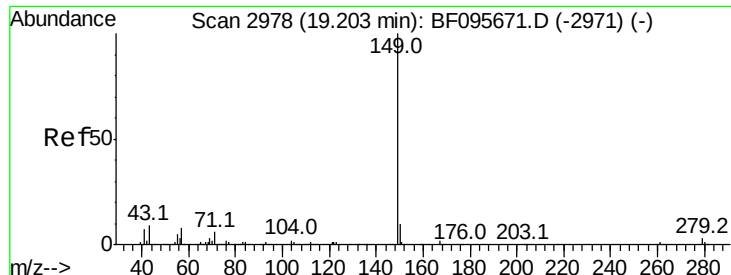


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

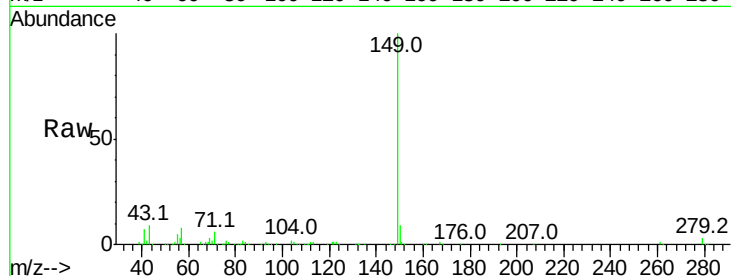




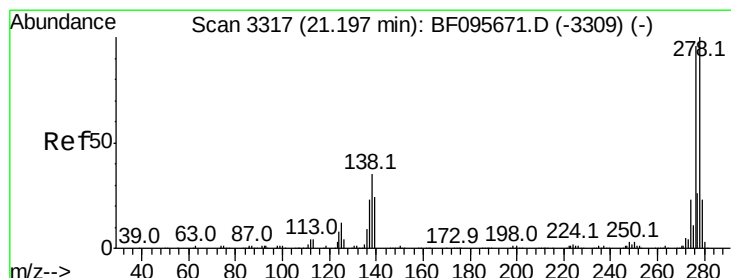
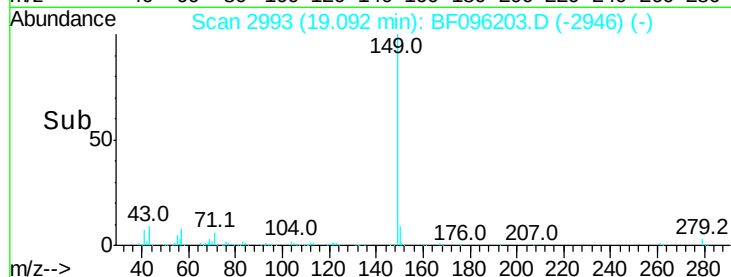
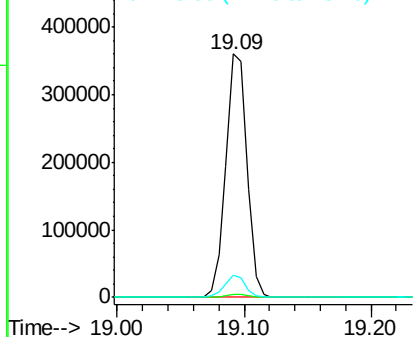
#84
Di-n-octyl phthalate
Concen: 45.23 ng
RT: 19.09 min Scan# 2993
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 416078
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 8.5 12.7#

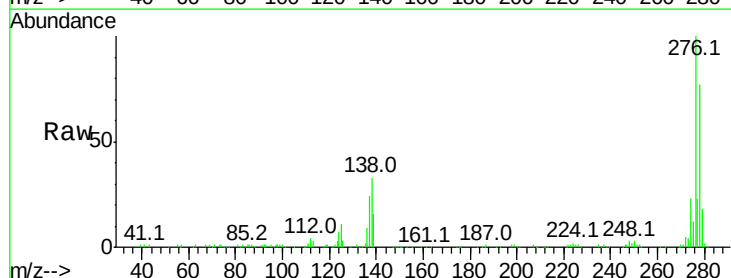


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

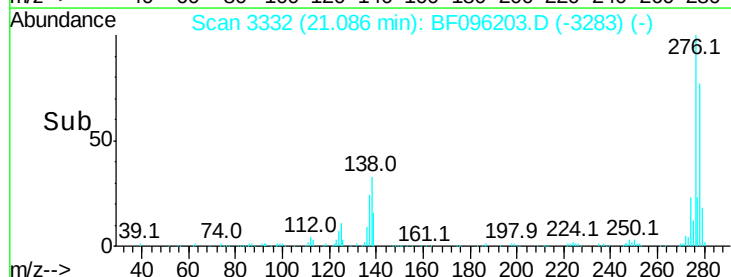
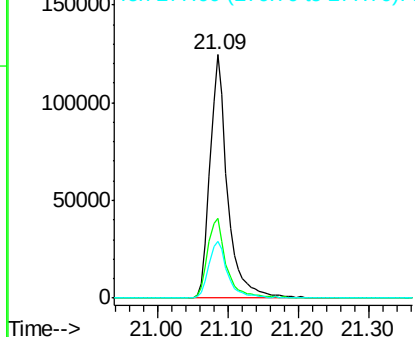


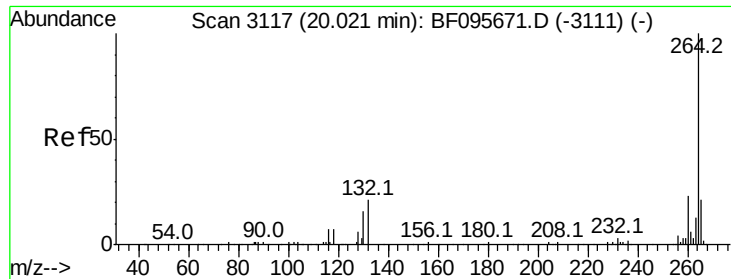
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.81 ng
RT: 21.09 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:276 Resp: 216185
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

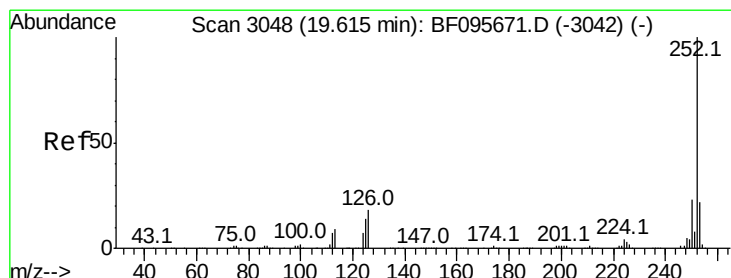
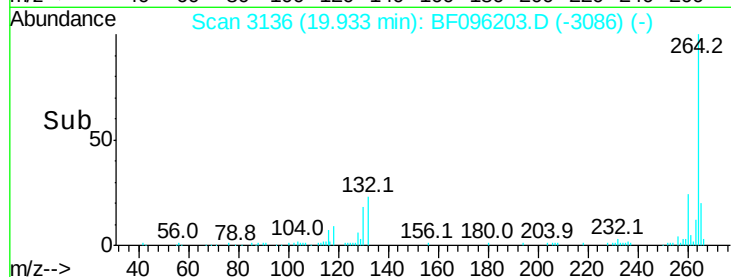
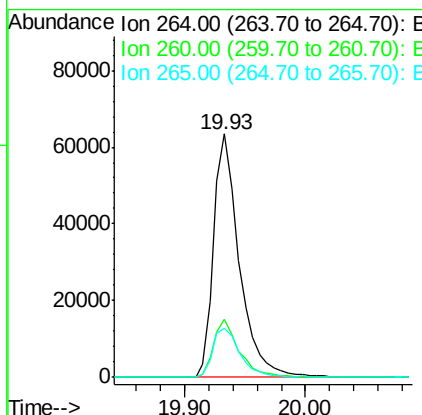




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

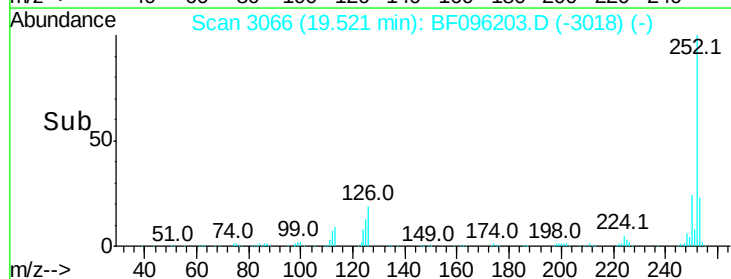
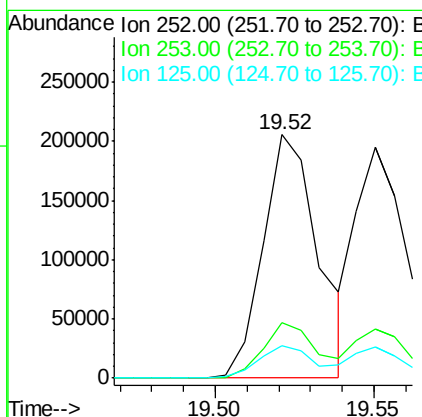
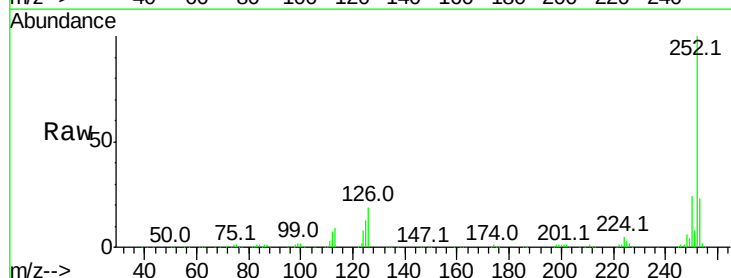
Instrument :
BNA_F
ClientSampleId :

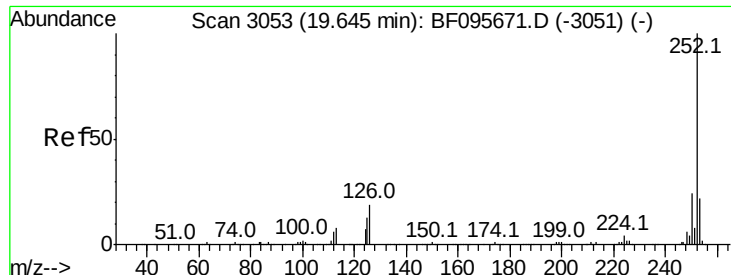
Tot Ion:264 Resp: 92998
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 20.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 42.82 ng
RT: 19.52 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:252 Resp: 249339
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.2 9.8 14.8

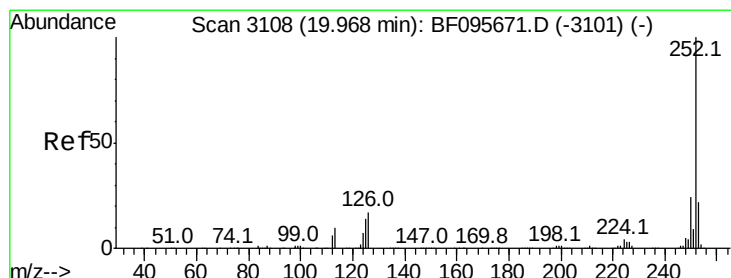
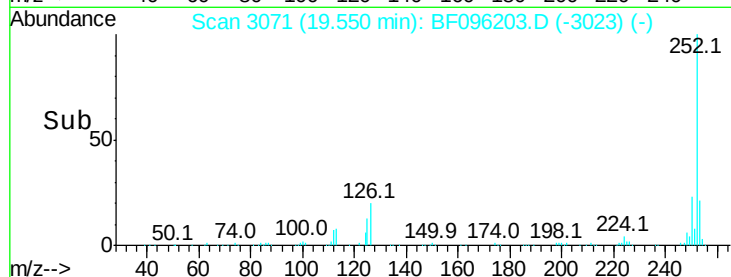
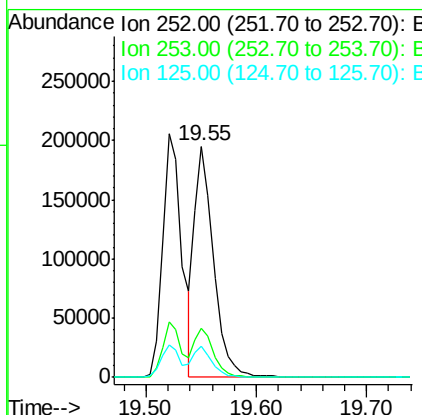
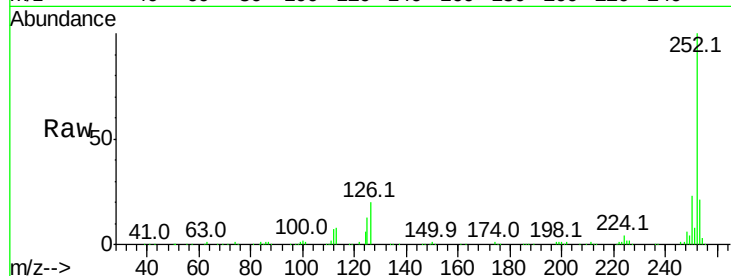




#88
Benzo(k)fluoranthene
Concen: 41.37 ng
RT: 19.55 min Scan# 3071
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

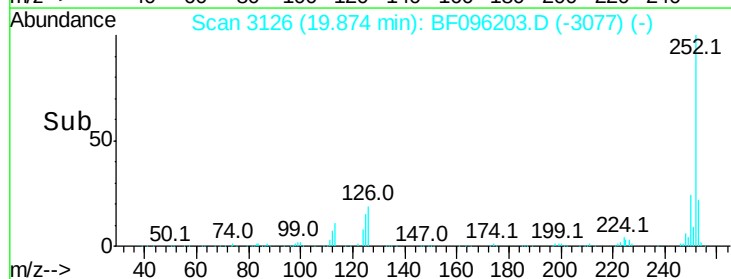
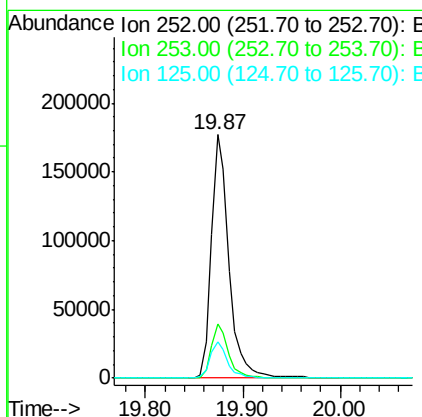
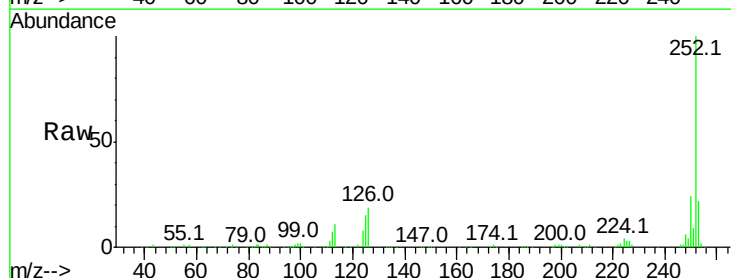
Instrument :
BNA_F
ClientSampled :

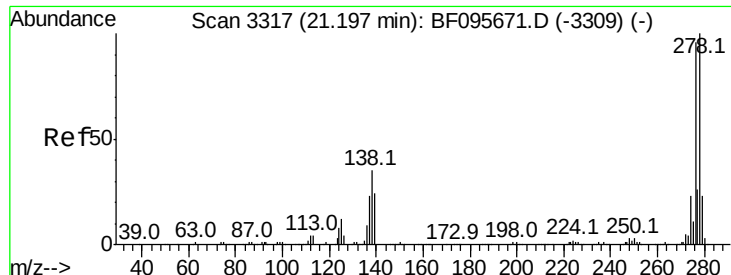
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	13.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 41.32 ng
RT: 19.87 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.8	11.0	16.4



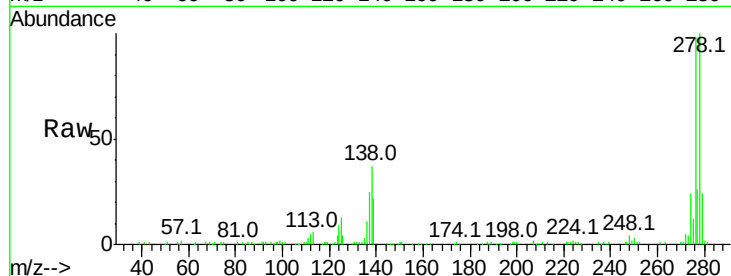


#90
Dibenzo(a,h)anthracene
Concen: 40.88 ng
RT: 21.08 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

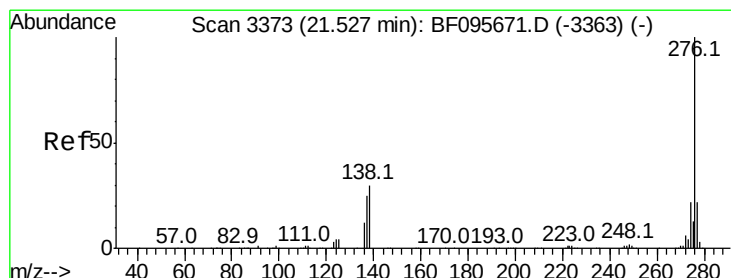
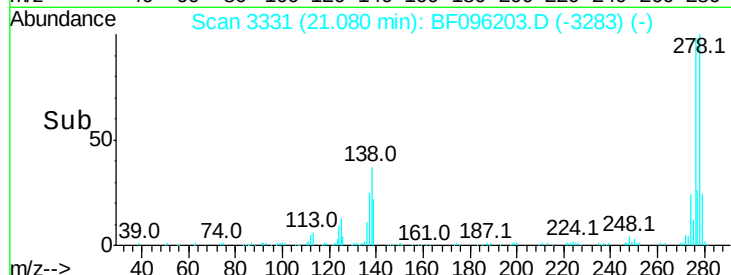
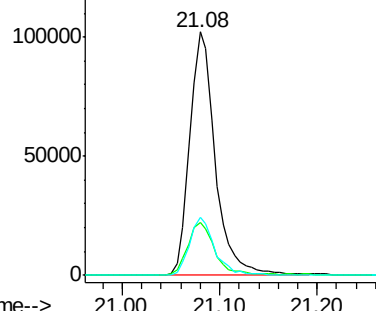
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 185596

Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	23.6	19.3	28.9



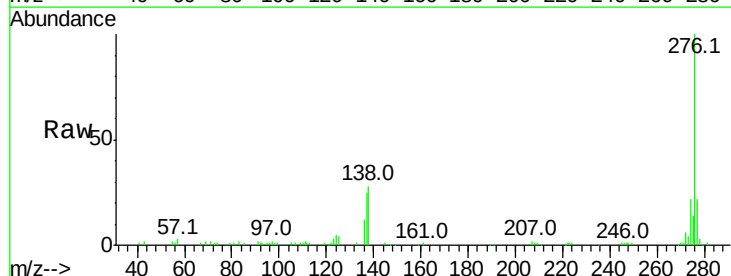
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 39.20 ng
RT: 21.42 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BF096203.D
Acq: 25 Jun 2017 00:32

Tgt Ion:276 Resp: 181429

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	28.3	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

