

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096056.D
 Acq On : 20 Jun 2017 21:20
 Operator : SJ/MA
 Sample : I3759-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 01:14:43 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	7.29	152	70703	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	262474	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	103425	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	156560	20.00	ng	0.00
75) Chrysene-d12	18.30	240	99446	20.00	ng	0.02
86) Perylene-d12	19.96	264	85849	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	567762	127.96	ng	0.01
7) Phenol-d6	6.88	99	633739	119.30	ng	0.00
23) Nitrobenzene-d5	8.22	82	374658	88.65	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	99027	108.22	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	668552	89.95	ng	0.00
78) Terphenyl-d14	16.94	244	439615	109.71	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	73412	34.78	ng	94
3) Pyridine	2.19	79	134280	27.07	ng	98
4) n-Nitrosodimethylamine	2.16	42	84291	44.69	ng	# 83
6) Aniline	6.80	93	119226	17.16	ng	96
8) 2-Chlorophenol	6.99	128	206550	43.78	ng	93
9) Benzaldehyde	6.60	77	55577	15.51	ng	93
10) Phenol	6.90	94	253249	45.96	ng	88
11) bis(2-Chloroethyl)ether	6.94	93	198618	45.50	ng	97
12) 1,3-Dichlorobenzene	7.19	146	216934	40.62	ng	98
13) 1,4-Dichlorobenzene	7.32	146	222633	41.11	ng	98
14) 1,2-Dichlorobenzene	7.55	146	210324	42.13	ng	96
15) Benzyl Alcohol	7.61	79	154654	42.42	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.80	45	261200	42.59	ng	96
17) 2-Methylphenol	7.85	107	167531	42.31	ng	92
18) Hexachloroethane	8.07	117	56724	31.72	ng	88
19) n-Nitroso-di-n-propylamine	8.04	70	142073	42.20	ng	91
20) 3+4-Methylphenols	8.13	107	219677	43.71	ng	# 59
22) Acetophenone	7.99	105	274772	44.73	ng	# 84
24) Nitrobenzene	8.25	77	195781	43.37	ng	92
25) Isophorone	8.65	82	336488	42.64	ng	96
26) 2-Nitrophenol	8.76	139	95253	40.29	ng	98
27) 2,4-Dimethylphenol	8.92	122	170060	46.35	ng	98
28) bis(2-Chloroethoxy)methane	9.03	93	230085	44.23	ng	99
29) 2,4-Dichlorophenol	9.22	162	153631	43.48	ng	97
30) 1,2,4-Trichlorobenzene	9.26	180	156611	42.60	ng	98
31) Naphthalene	9.36	128	605488	45.97	ng	99
32) Benzoic acid	9.29	122	68358	31.75	ng	95
33) 4-Chloroaniline	9.54	127	75465	14.66	ng	95
34) Hexachlorobutadiene	9.58	225	81801	43.06	ng	96
35) Caprolactam	10.15	113	46818	44.53	ng	96
36) 4-Chloro-3-methylphenol	10.42	107	153466	41.49	ng	99
37) 2-Methylnaphthalene	10.49	142	397050	44.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	136082	43.96	ng	98
40) Hexachlorocyclopentadiene	10.74	237	1518	12.59	ng	# 71

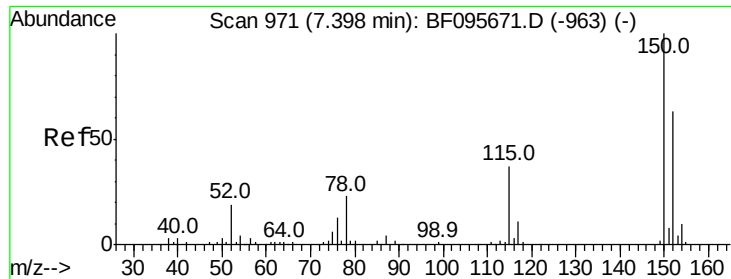
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096056.D
 Acq On : 20 Jun 2017 21:20
 Operator : SJ/MA
 Sample : I3759-01MS
 Misc :
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	91383	45.92	nq	97
43) 2,4,5-Trichlorophenol	11.11	196	86872	41.04	nq	93
45) 1,1'-Biphenyl	11.26	154	396955	46.57	nq	98
46) 2-Chloronaphthalene	11.27	162	290154	43.57	nq	94
47) 2-Nitroaniline	11.50	65	87611	44.95	nq	# 82
48) Acenaphthylene	11.93	152	914917	80.33	nq	100
49) Dimethylphthalate	11.82	163	439848	56.01	nq	99
50) 2,6-Dinitrotoluene	11.92	165	60499	35.32	nq	# 58
51) Acenaphthene	12.20	154	349099	53.07	nq	98
52) 3-Nitroaniline	12.18	138	60562	30.35	nq	88
53) 2,4-Dinitrophenol	12.45	184	6044	12.20	nq	# 79
54) Dibenzofuran	12.49	168	472192	51.01	nq	98
55) 4-Nitrophenol	12.62	139	58012	51.54	nq	# 70
56) 2,4-Dinitrotoluene	12.60	165	78926	34.12	nq	# 94
57) Fluorene	13.04	166	450070	55.87	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.75	232	61721	42.61	nq	92
59) Diethylphthalate	12.96	149	321069	42.48	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	137331	39.20	nq	91
61) 4-Nitroaniline	13.18	138	70955	38.08	nq	95
62) Azobenzene	13.33	77	273095	39.87	nq	93
64) 4,6-Dinitro-2-methylphenol	13.30	198	8939	8.69	nq	# 42
65) n-Nitrosodiphenylamine	13.29	169	264936	47.09	nq	98
66) 4-Bromophenyl-phenylether	13.85	248	74659	45.88	nq	98
67) Hexachlorobenzene	13.95	284	69900	43.60	nq	# 91
68) Atrazine	14.22	200	74483	47.57	nq	98
69) Pentachlorophenol	14.32	266	43028	71.54	nq	99
70) Phenanthrene	14.60	178	1377007	152.44	nq	99
71) Anthracene	14.68	178	860055	91.20	nq	98
72) Carbazole	14.97	167	403270	43.88	nq	98
73) Di-n-butylphthalate	15.57	149	455990	46.64	nq	98
74) Fluoranthene	16.40	202	1542763	172.55	nq	98
76) Benzidine	16.64	184	8929	2.34	nq	# 56
77) Pyrene	16.71	202	2083440	280.78	nq	99
79) Butylbenzylphthalate	17.61	149	183127	56.51	nq	90
80) Benzo(a)anthracene	18.29	228	990713	171.35	nq	93
81) 3,3'-Dichlorobenzidine	18.27	252	57734	28.09	nq	96
82) Chrysene	18.29	228	990713	171.46	nq	96
83) Bis(2-ethylhexyl)phthalate	18.36	149	253103	55.37	nq	# 100
84) Di-n-octyl phthalate	19.13	149	403205	53.53	nq	# 98
85) Indeno(1,2,3-cd)pyrene	21.14	276	461755	93.40	nq	97
87) Benzo(b)fluoranthene	19.57	252	1199573	223.15	nq	# 97
88) Benzo(k)fluoranthene	19.57	252	1199573	233.46	nq	98
89) Benzo(a)pyrene	19.92	252	672393	136.09	nq	96
90) Dibenzo(a,h)anthracene	21.13	278	267450	63.81	nq	93
91) Benzo(g,h,i)perylene	21.47	276	435744	101.98	nq	95

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

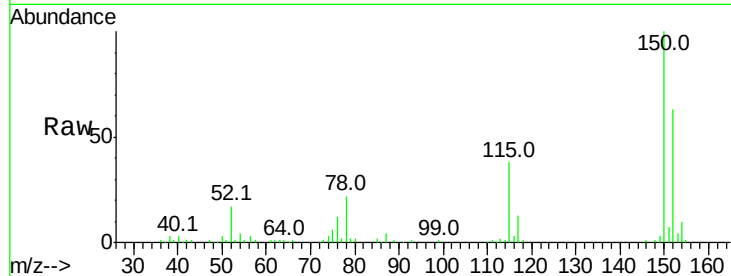


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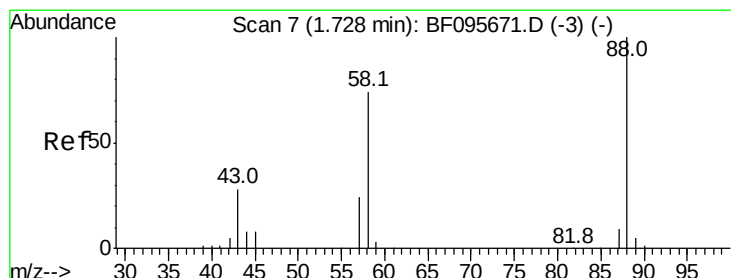
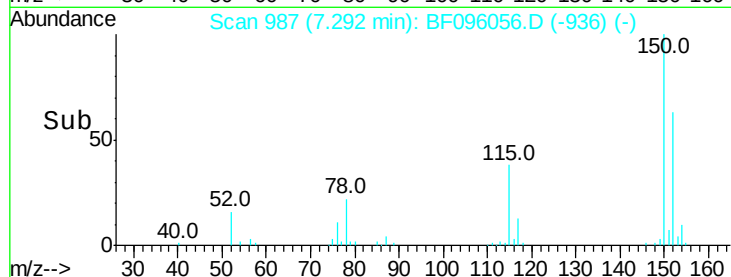
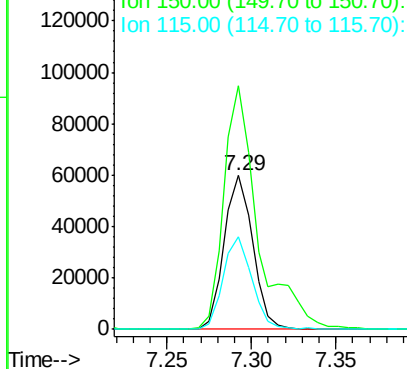
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70703
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 60.2 52.2 78.2



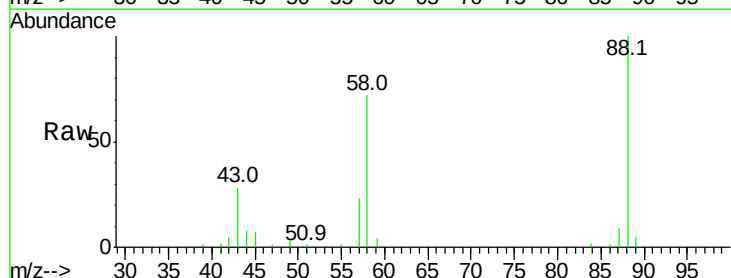
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



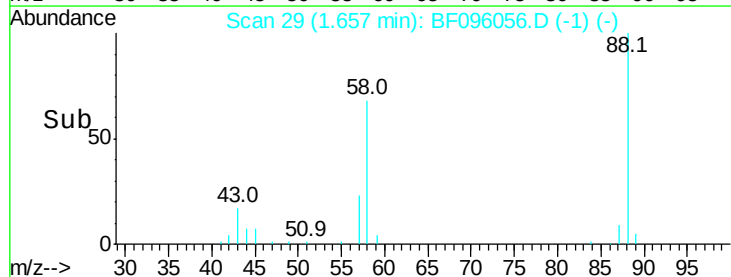
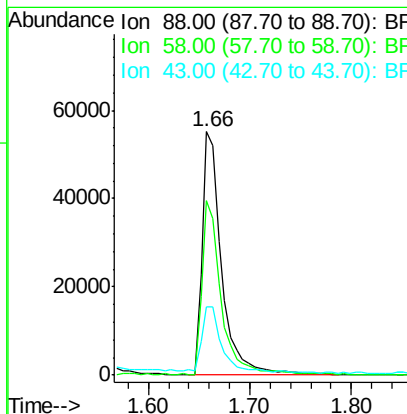
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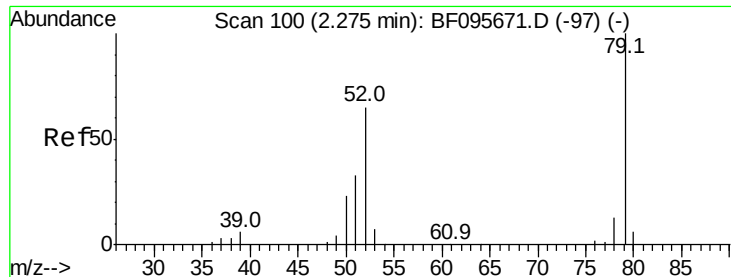
1,4-Dioxane
Concen: 34.78 ng
RT: 1.66 min Scan# 29
Delta R.T. 0.05 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion: 88 Resp: 73412
Ion Ratio Lower Upper
88 100
58 71.1 61.4 92.0
43 26.6 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: 27.07 ng

RT: 2.19 min Scan# 120

Delta R.T. 0.06 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampled :

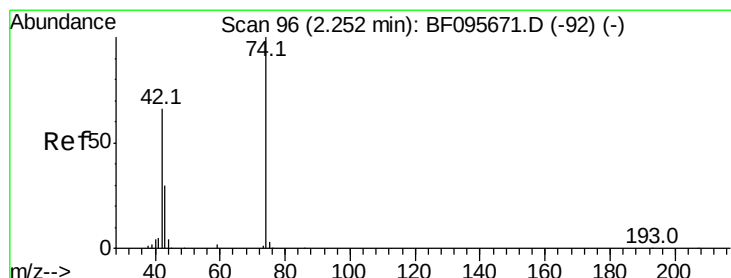
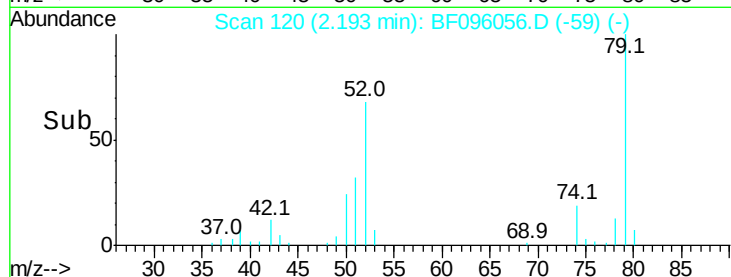
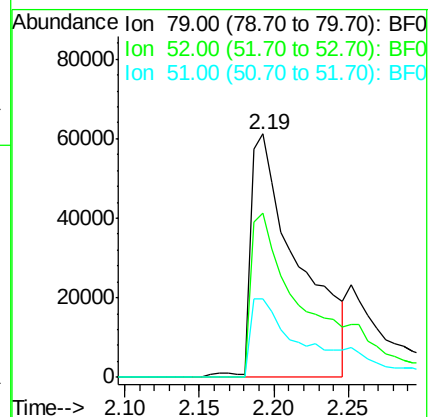
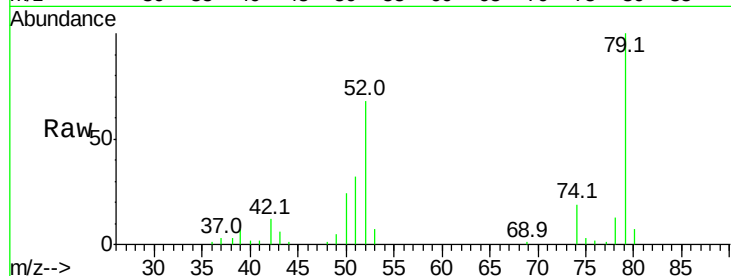
Tot Ion: 79 Resp: 134280

Ion Ratio Lower Upper

79 100

52 67.5 54.8 82.2

51 32.3 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 44.69 ng

RT: 2.16 min Scan# 115

Delta R.T. 0.05 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

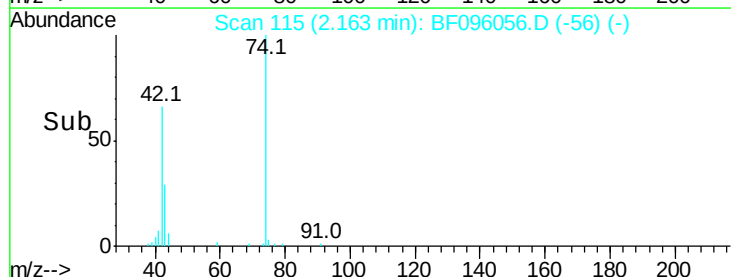
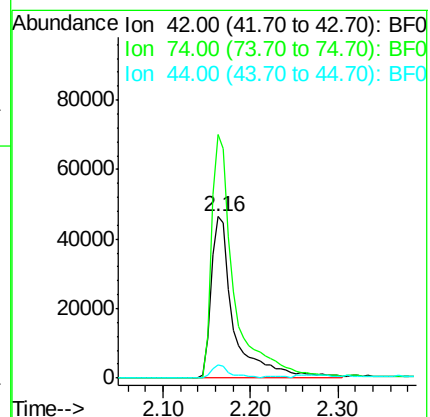
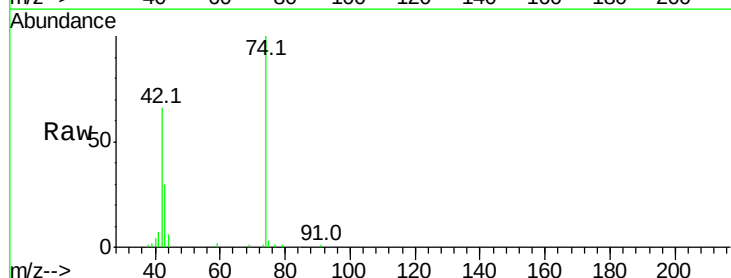
Tgt Ion: 42 Resp: 84291

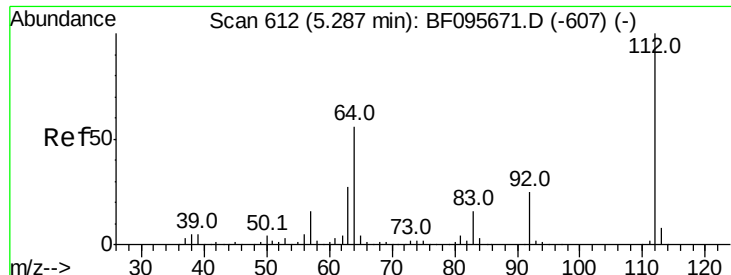
Ion Ratio Lower Upper

42 100

74 150.8 103.9 155.9

44 8.5 5.7 8.5#

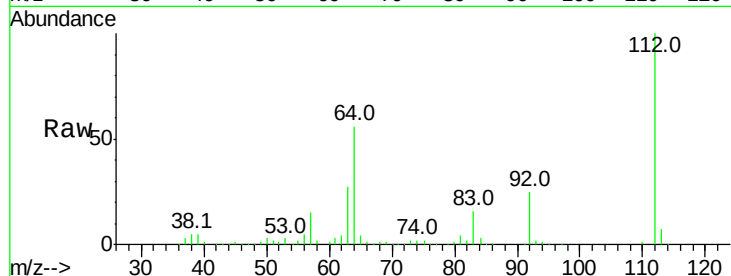




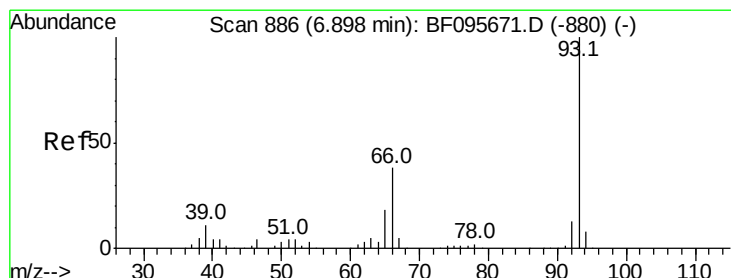
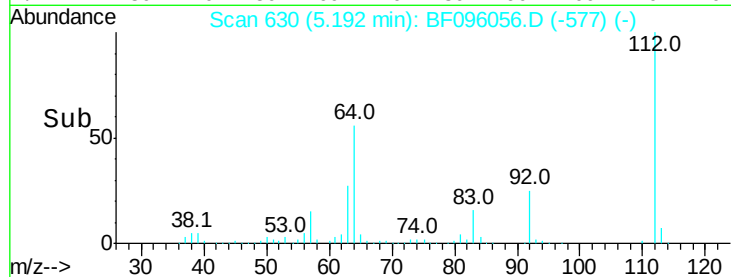
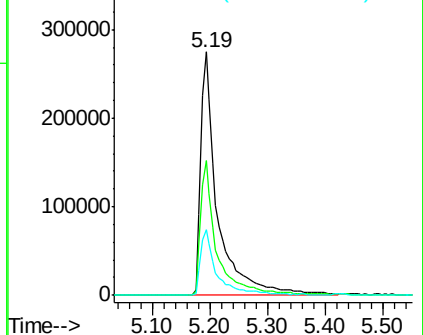
#5
2-Fluorophenol
Concen: 127.96 ng
RT: 5.19 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:112 Resp: 567762
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.0 23.4 35.0

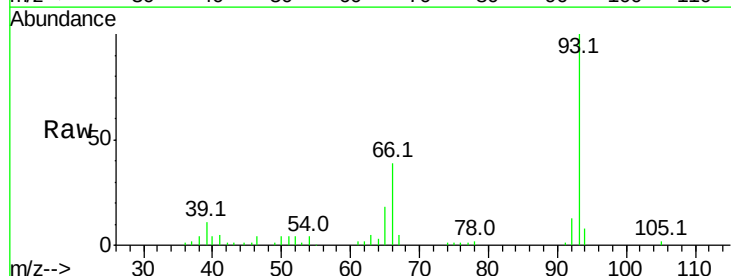


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

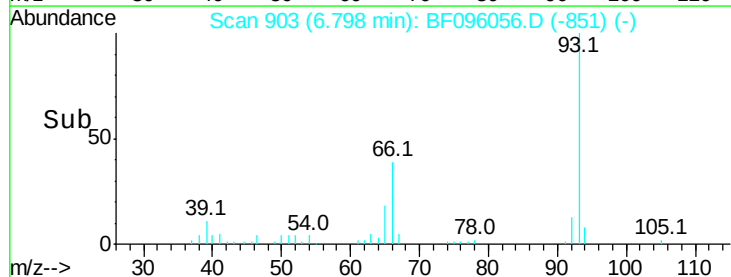
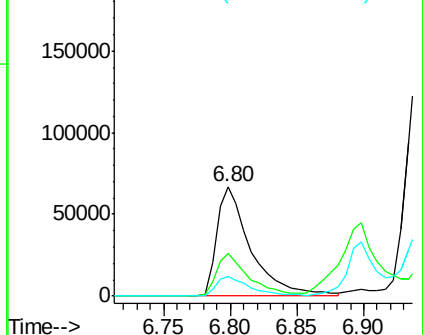


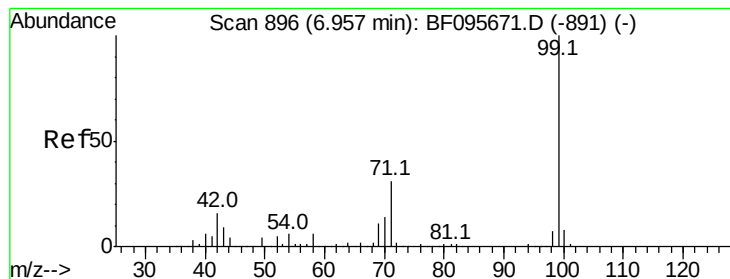
#6
Aniline
Concen: 17.16 ng
RT: 6.80 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion: 93 Resp: 119226
Ion Ratio Lower Upper
93 100
66 39.0 32.9 49.3
65 18.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.30 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampled :

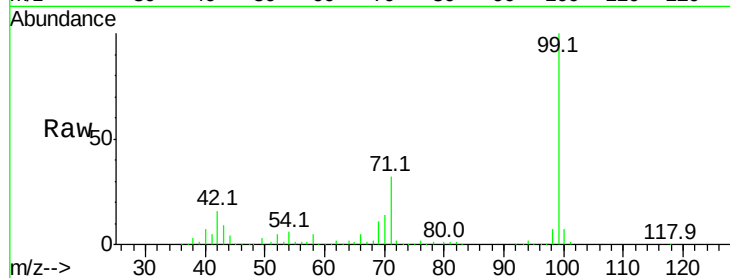
Tot Ion: 99 Resp: 633739

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

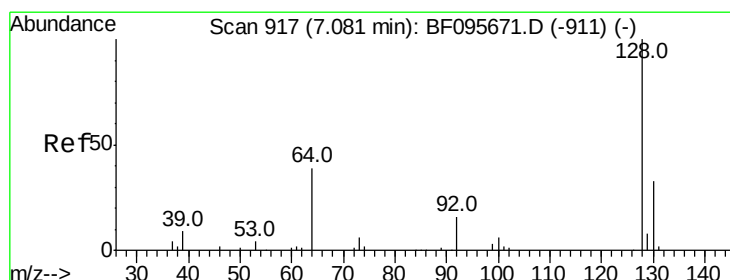
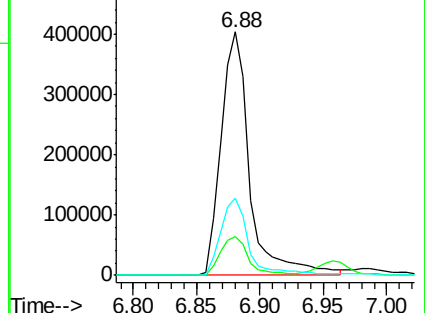
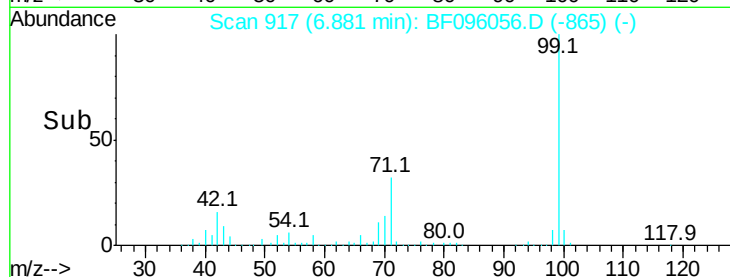
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.78 ng

RT: 6.99 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

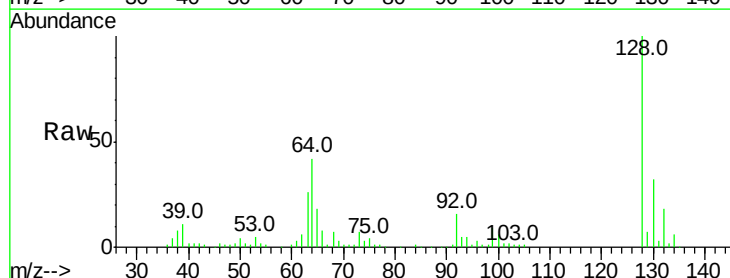
Tgt Ion: 128 Resp: 206550

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

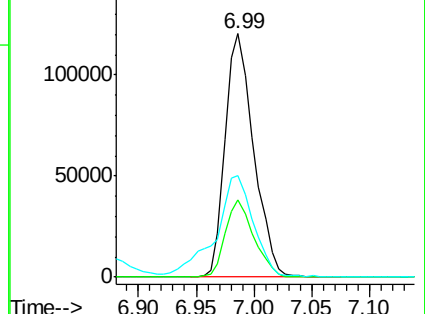
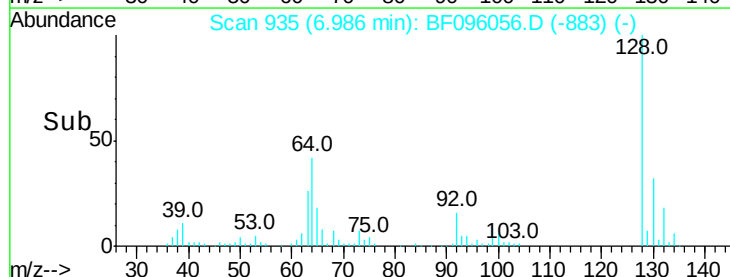
64 42.0 28.4 68.4

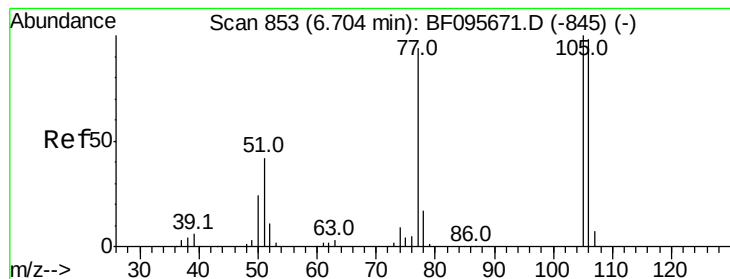


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.51 ng

RT: 6.60 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

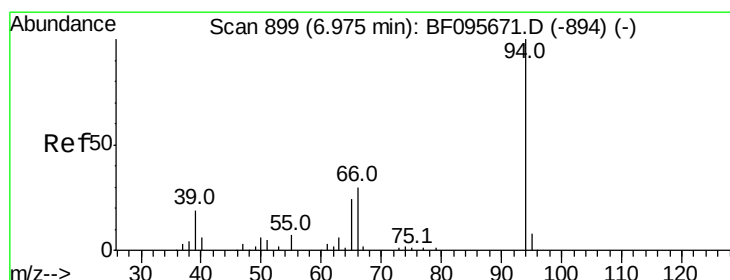
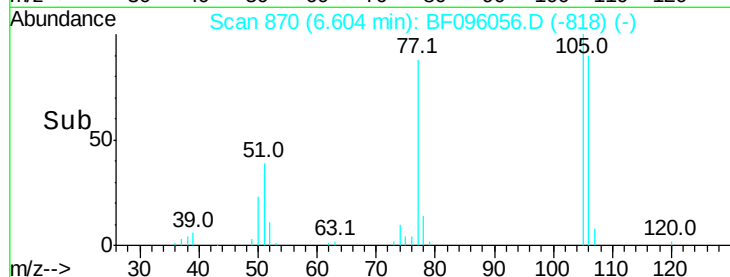
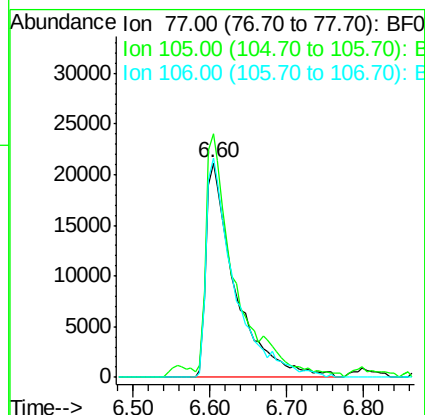
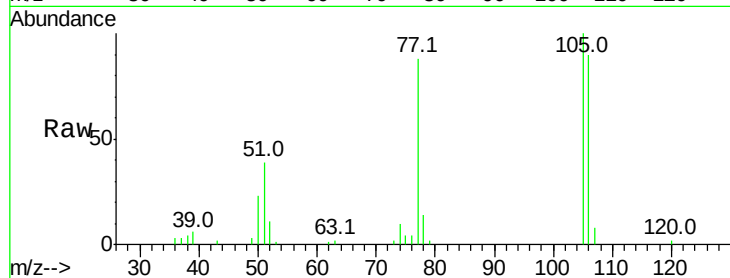
Tot Ion: 77 Resp: 55577

Ion Ratio Lower Upper

77 100

105 113.6 83.8 123.8

106 102.6 79.1 119.1



#10

Phenol

Concen: 45.96 ng

RT: 6.90 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

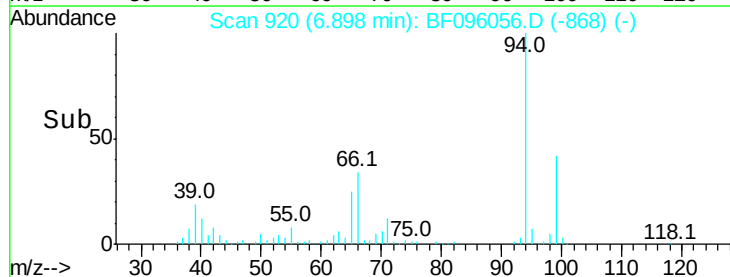
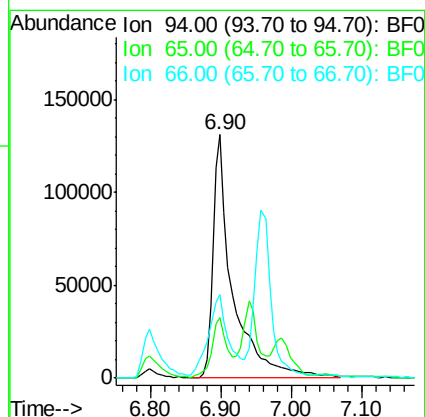
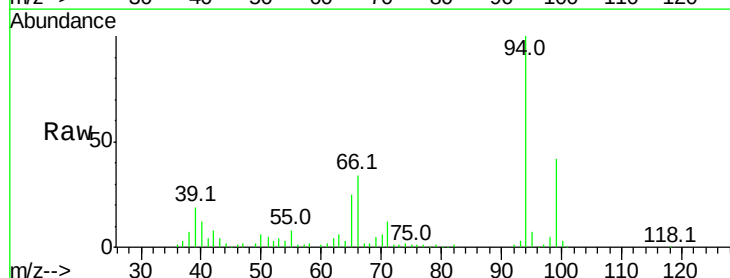
Tgt Ion: 94 Resp: 253249

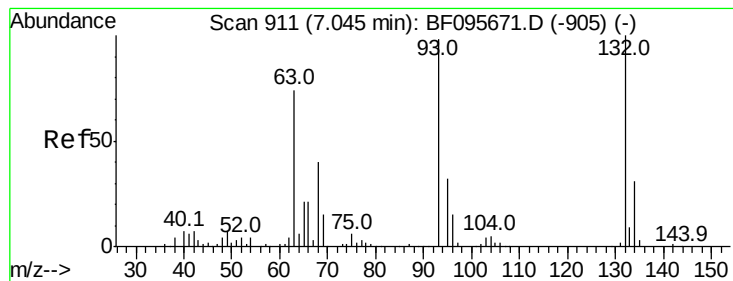
Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

66 34.5 23.1 63.1

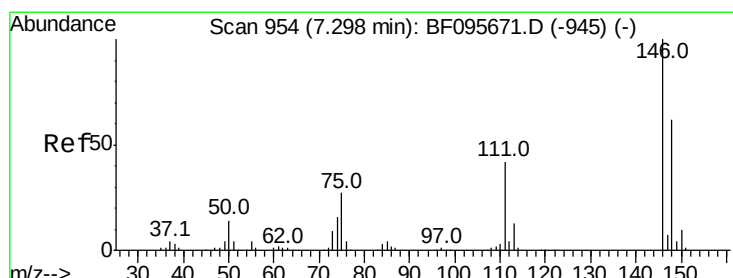
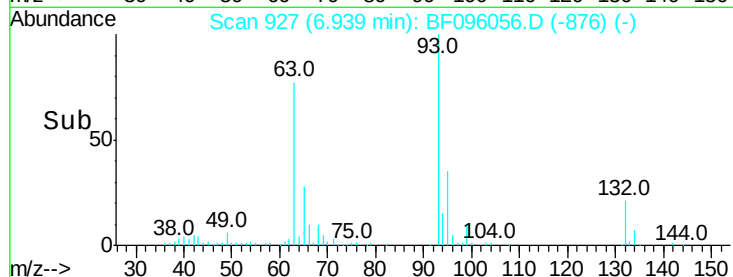
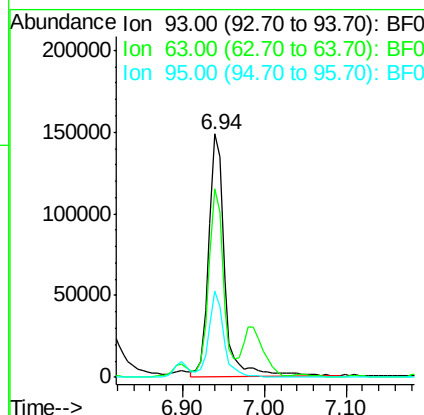
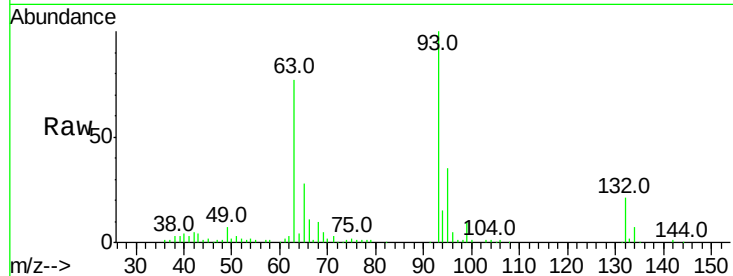




#11
bis(2-Chloroethyl)ether
Concen: 45.50 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

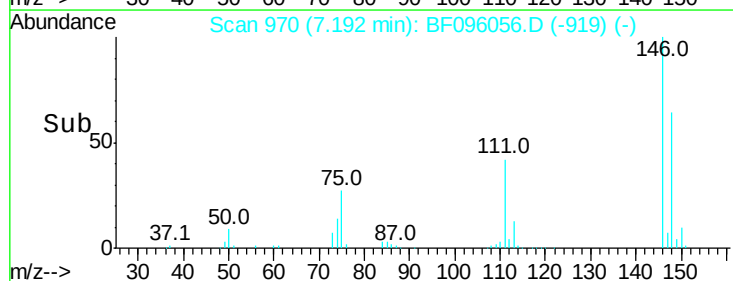
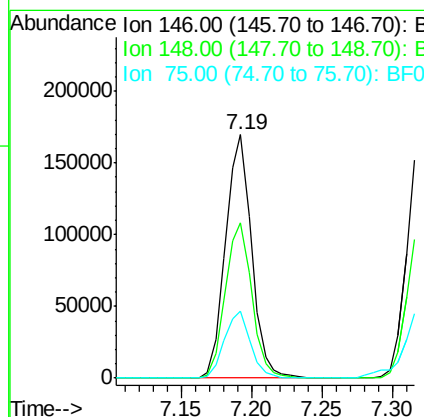
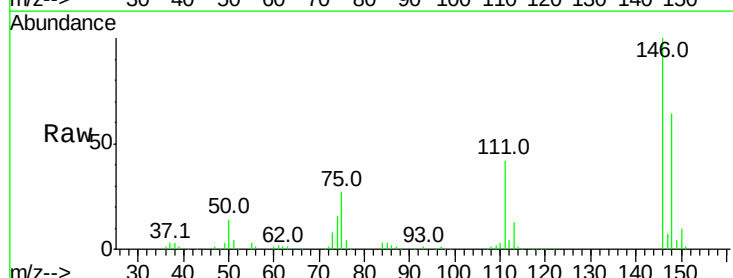
Instrument :
BNA_F
ClientSampleId :

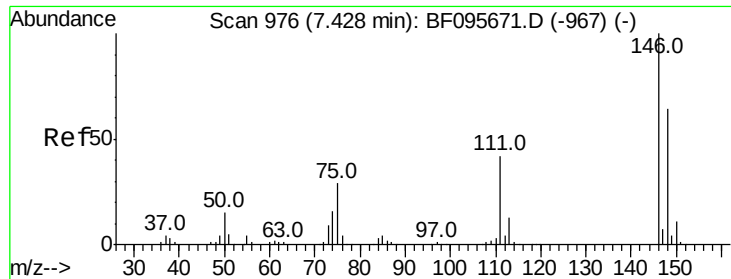
Tot Ion: 93 Resp: 198618
Ion Ratio Lower Upper
93 100
63 77.5 59.2 99.2
95 35.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.62 ng
RT: 7.19 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion: 146 Resp: 216934
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 27.3 23.1 34.7

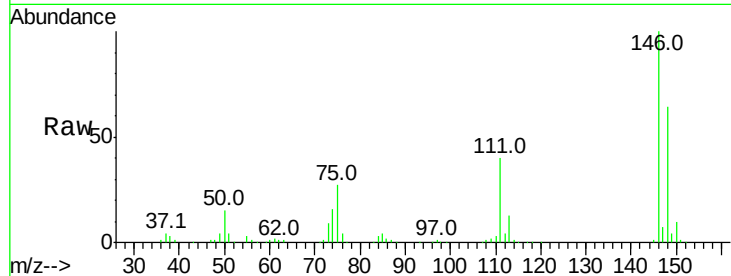




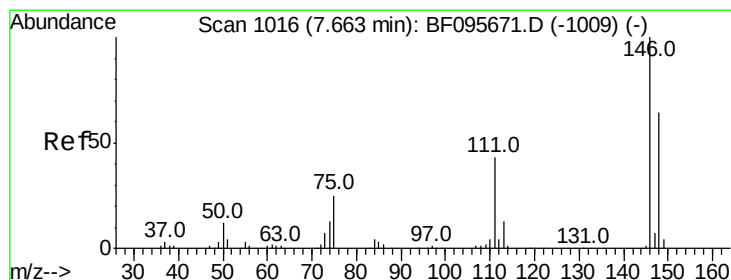
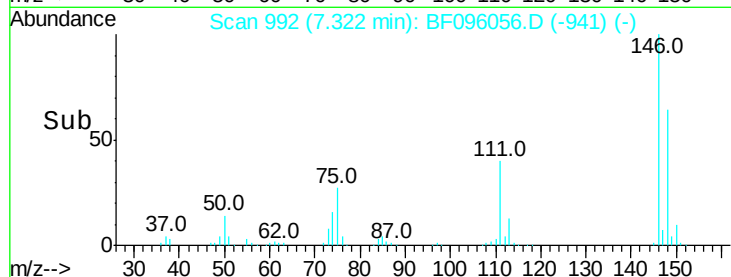
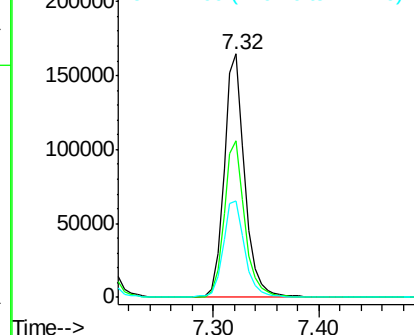
#13
 1,4-Dichlorobenzene
 Concen: 41.11 ng
 RT: 7.32 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 222633
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 39.7 30.3 45.5

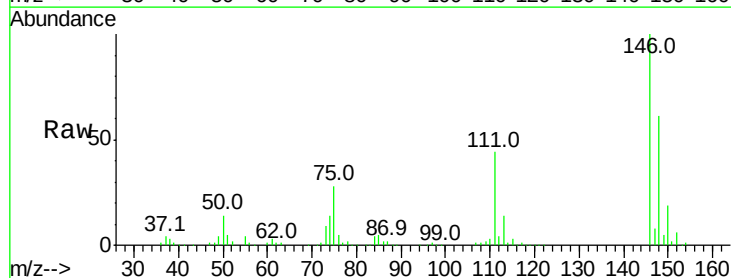


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

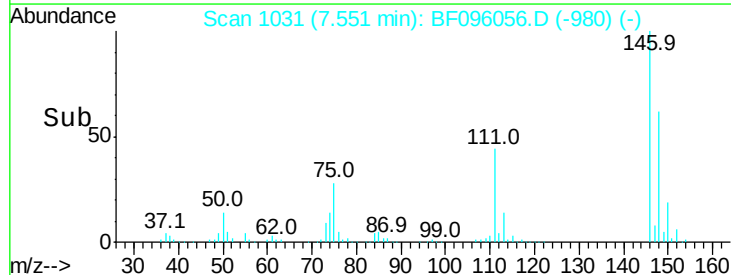
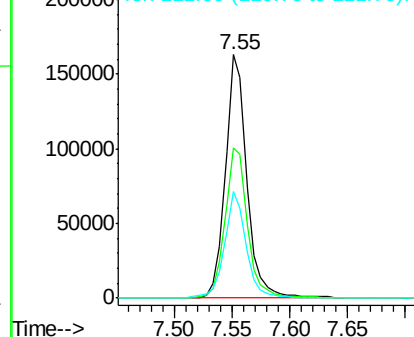


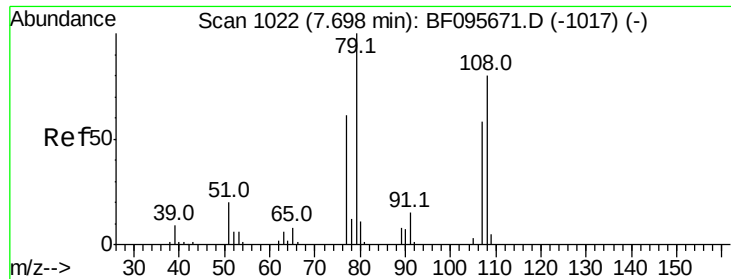
#14
 1,2-Dichlorobenzene
 Concen: 42.13 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:146 Resp: 210324
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.4 75.6
 111 43.8 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.42 ng

RT: 7.61 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampled :

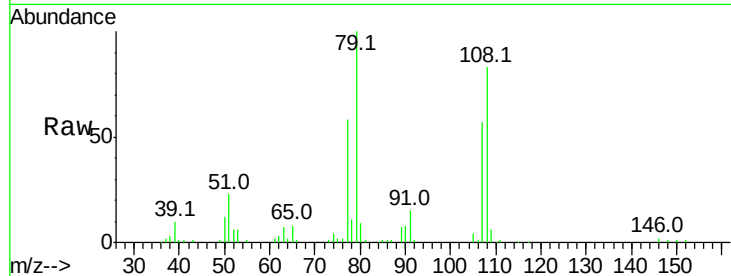
Tot Ion: 79 Resp: 154654

Ion Ratio Lower Upper

79 100

108 83.1 63.4 95.0

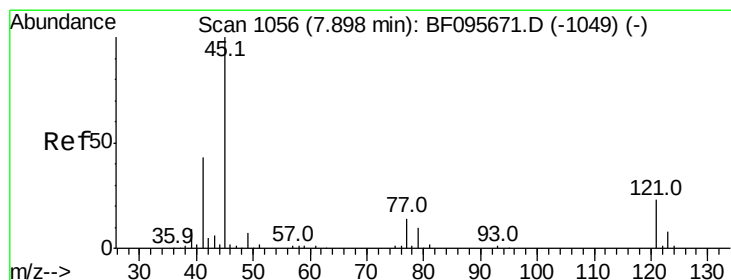
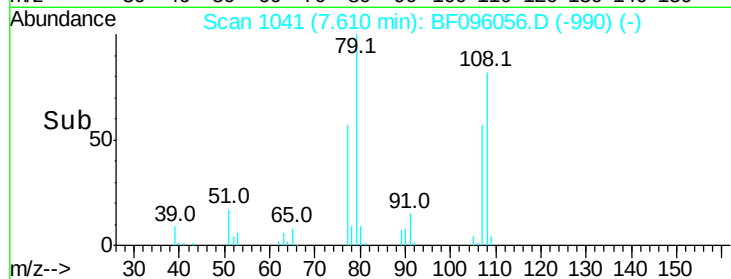
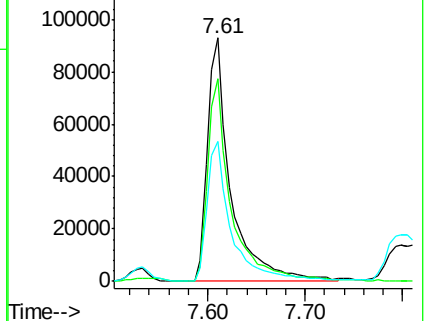
77 57.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.59 ng

RT: 7.80 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

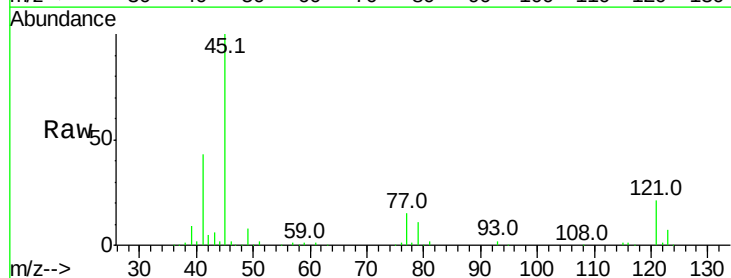
Tgt Ion: 45 Resp: 261200

Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.2

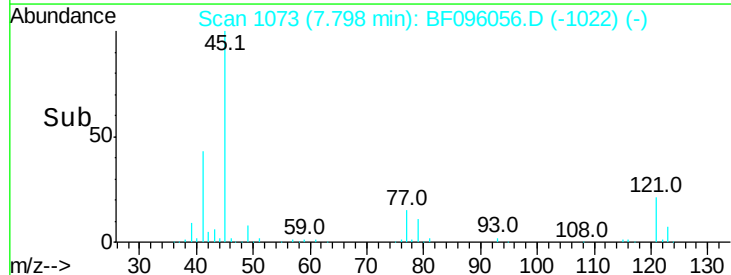
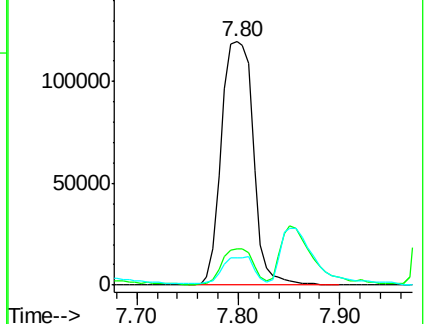
79 11.4 0.0 30.0

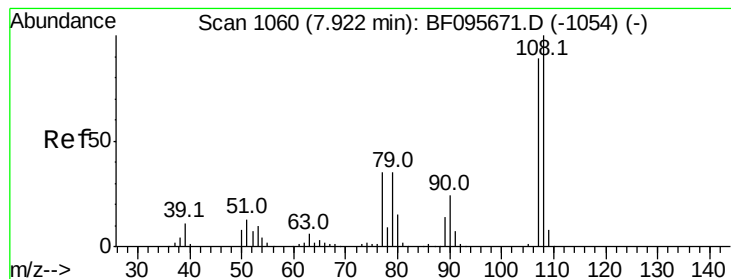


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

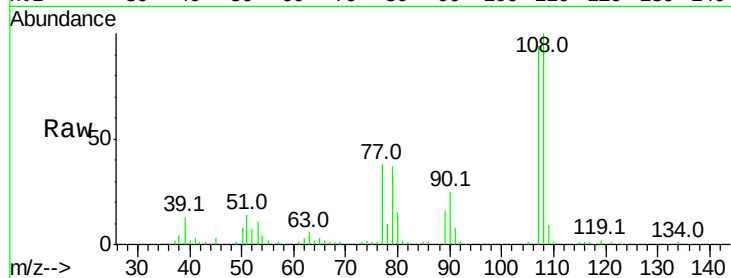




#17
2-Methylphenol
Concen: 42.31 ng
RT: 7.85 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.8	93.4	140.0
77	40.6	35.8	53.6
79	39.5	34.8	52.2



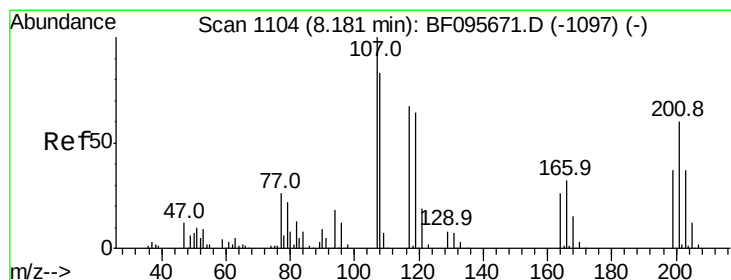
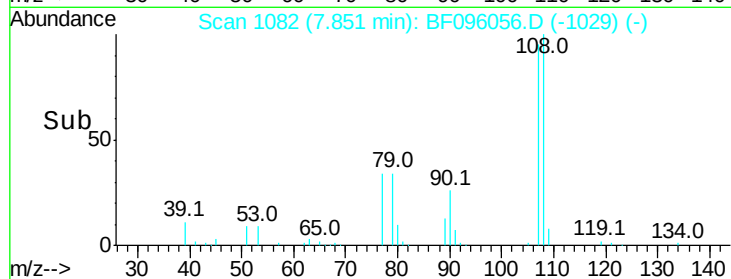
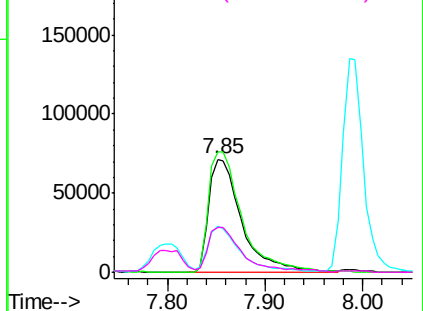
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

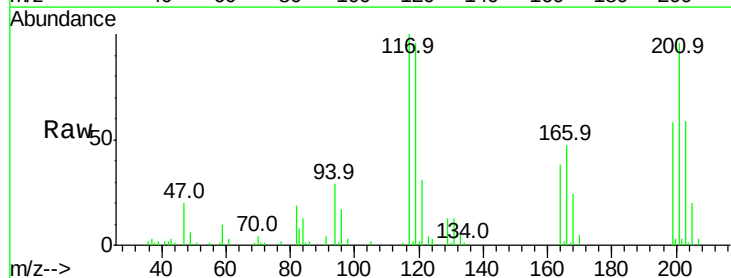
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 31.72 ng
RT: 8.07 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	95.9	94.6	141.8

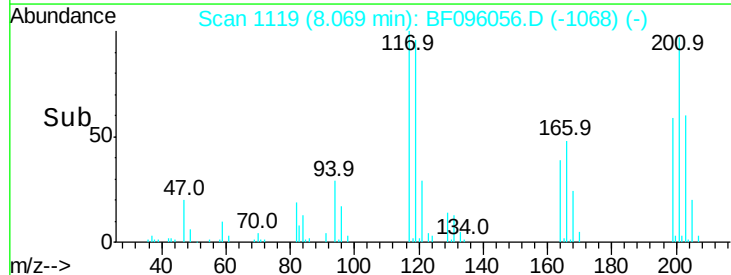
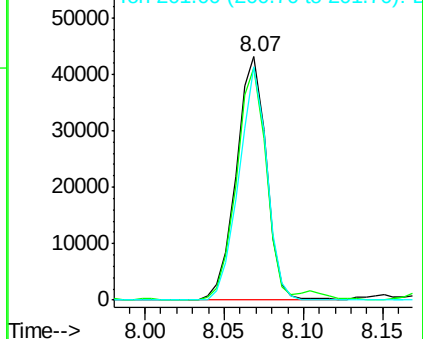


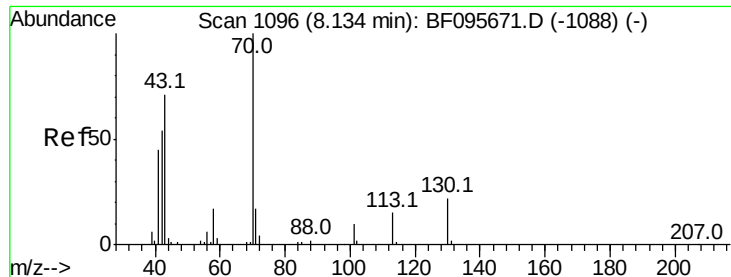
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

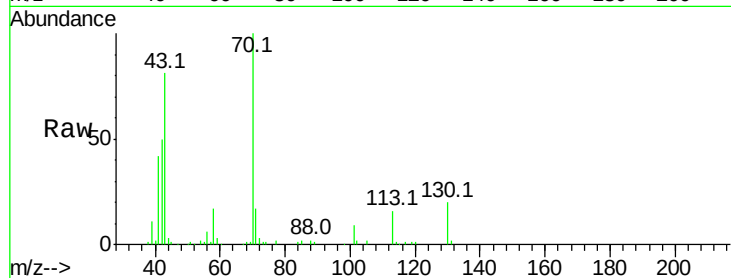




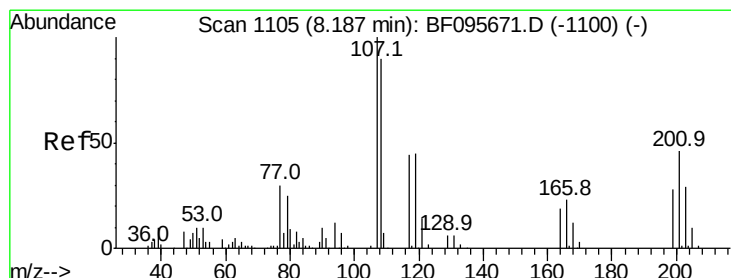
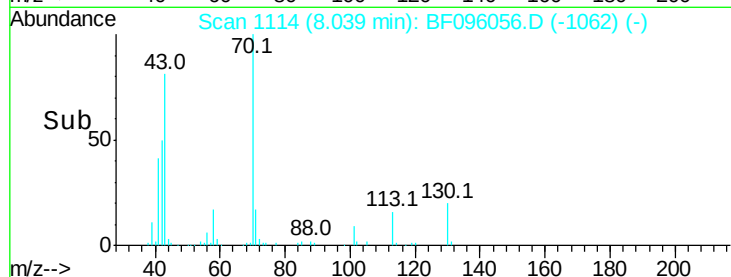
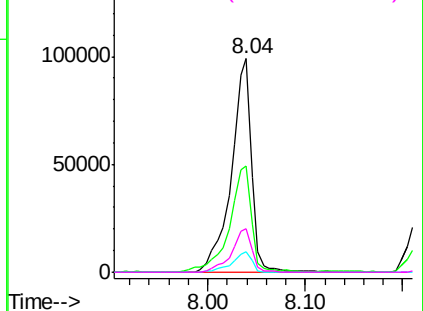
#19
n-Nitroso-di-n-propylamine
Concen: 42.20 ng
RT: 8.04 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 142073
Ion Ratio Lower Upper
70 100
42 49.8 47.2 70.8
101 9.4 7.2 10.8
130 20.5 15.9 23.9

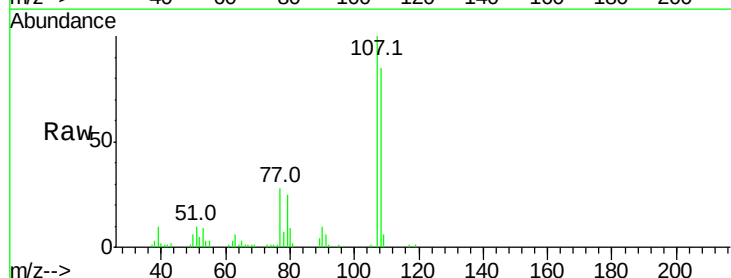


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

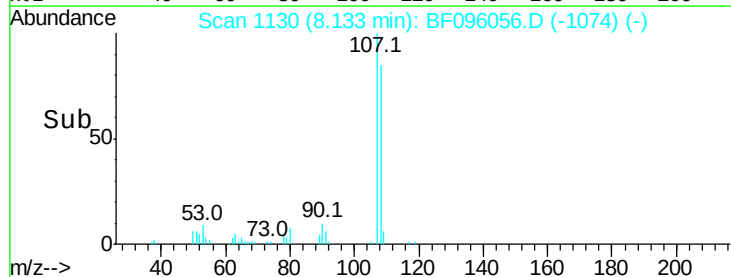
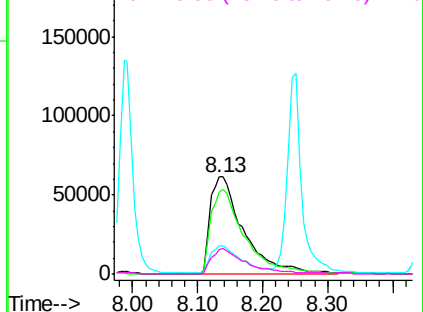


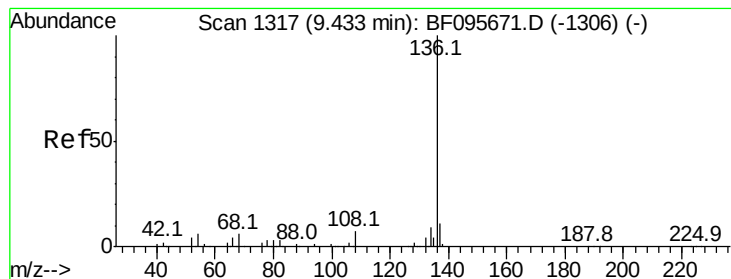
#20
3+4-Methylphenols
Concen: 43.71 ng
RT: 8.13 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:107 Resp: 219677
Ion Ratio Lower Upper
107 100
108 84.7 71.0 111.0
77 28.5 90.5 130.5#
79 24.6 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: 9.33 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 262474

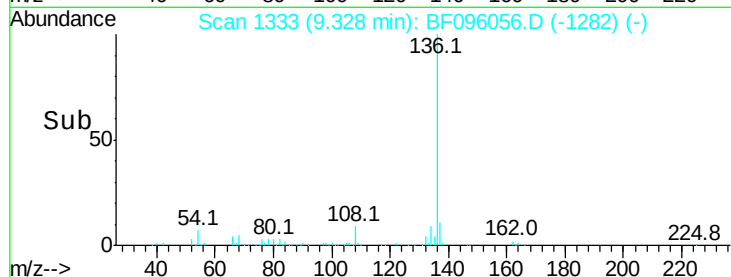
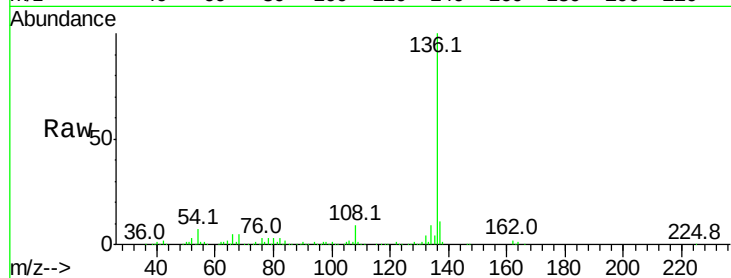
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

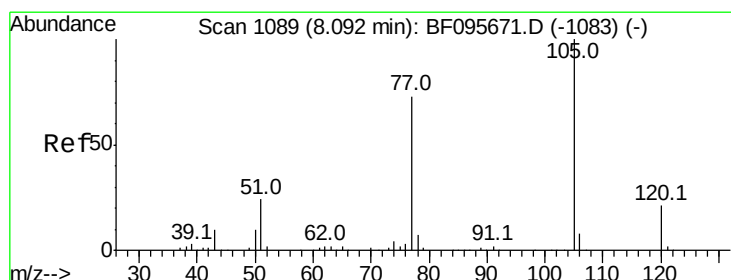
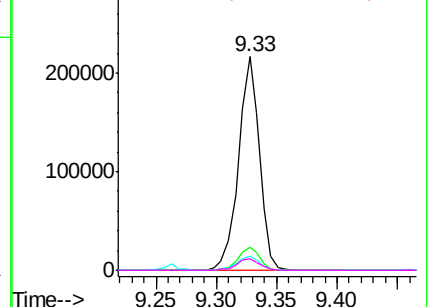


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.73 ng

RT: 7.99 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Tgt Ion:105 Resp: 274772

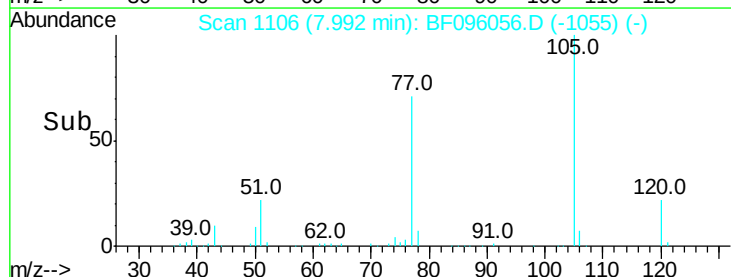
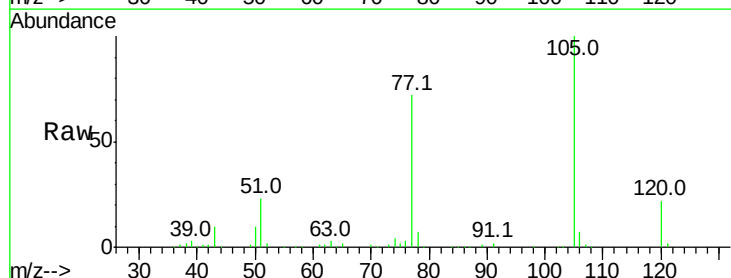
Ion Ratio Lower Upper

105 100

71 0.2 2.8 4.2#

51 22.7 30.7 46.1#

120 21.7 17.4 26.0

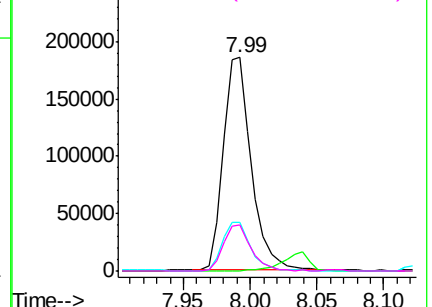


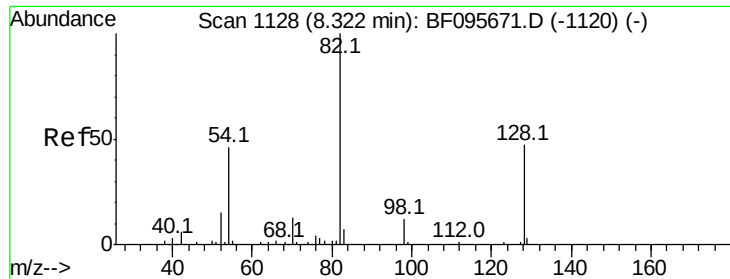
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

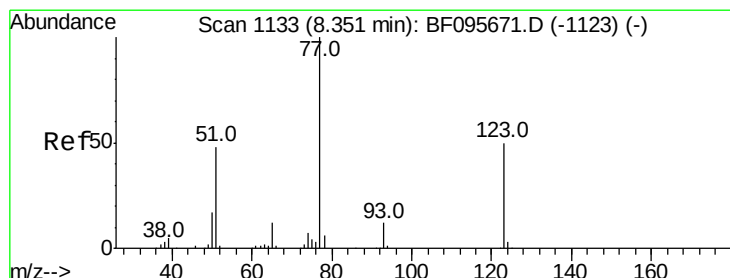
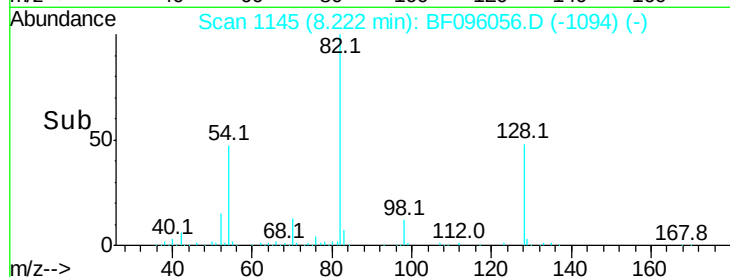
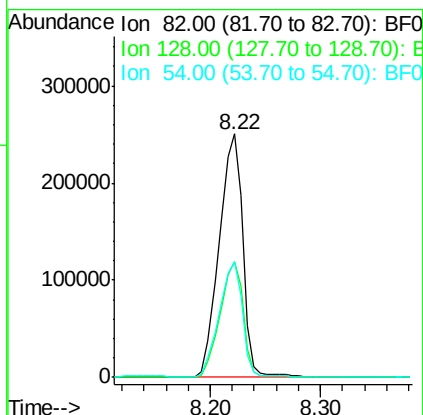
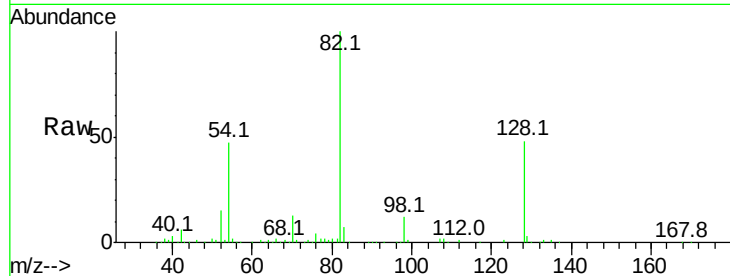




#23
Nitrobenzene-d5
Concen: 88.65 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

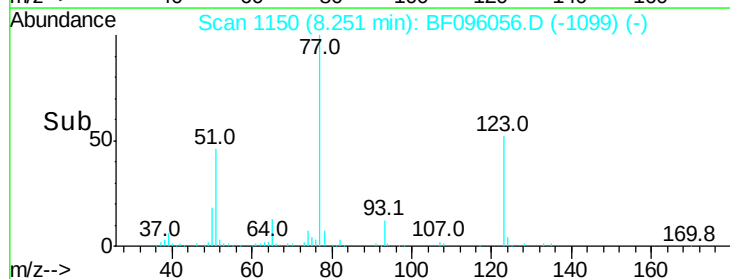
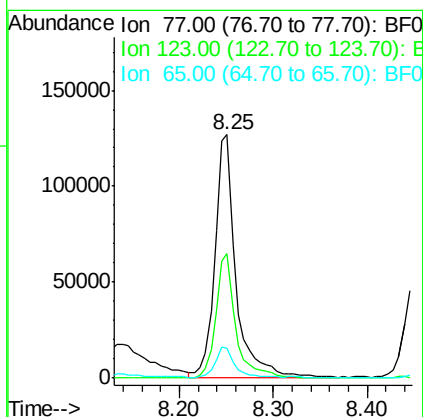
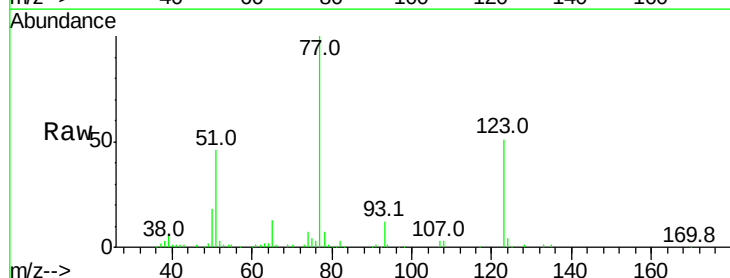
Instrument :
BNA_F
ClientSampleId :

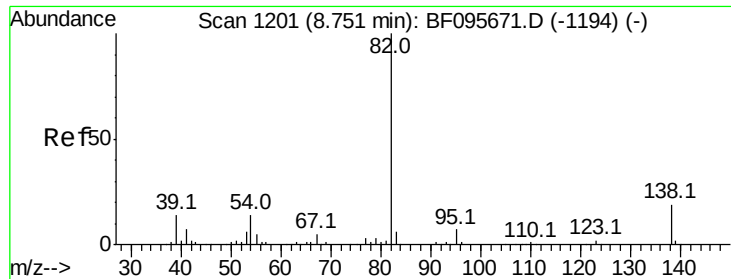
Tot Ion	82	Resp	374658
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	47.4	42.2	63.2



#24
Nitrobenzene
Concen: 43.37 ng
RT: 8.25 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	77	Resp	195781
Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 42.64 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampled :

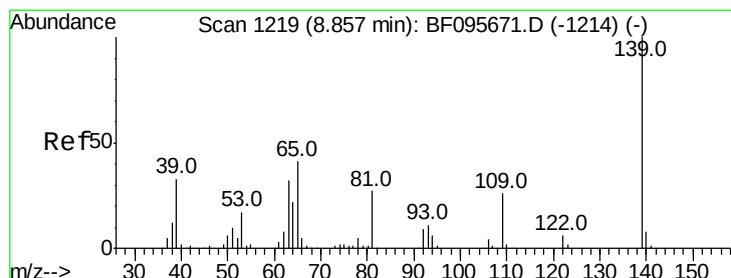
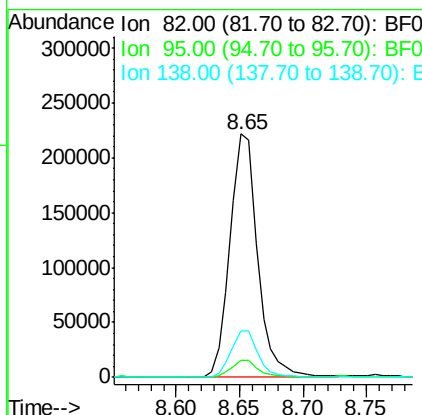
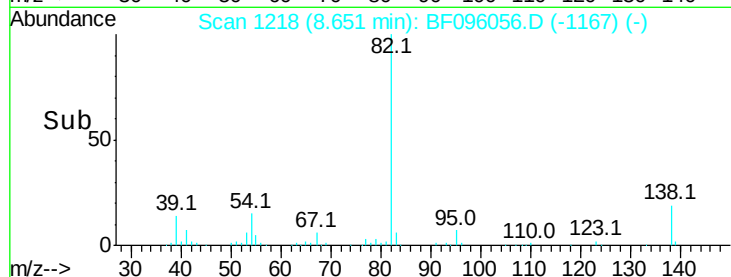
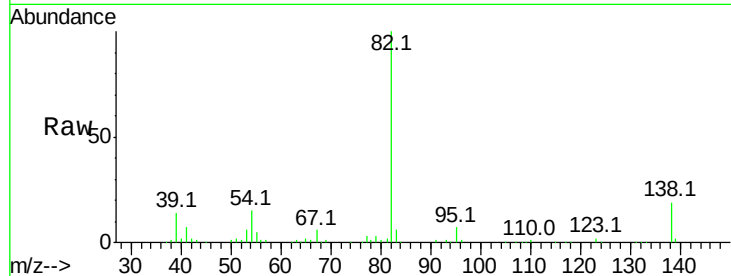
Tot Ion: 82 Resp: 336488

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 40.29 ng

RT: 8.76 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

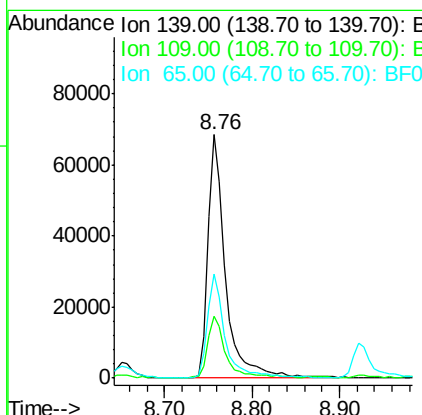
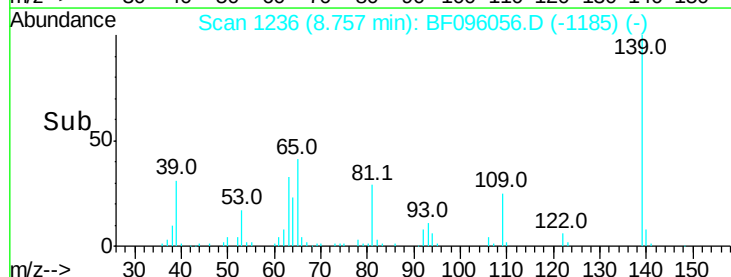
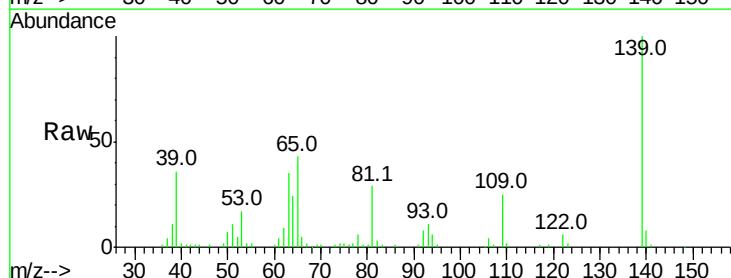
Tgt Ion: 139 Resp: 95253

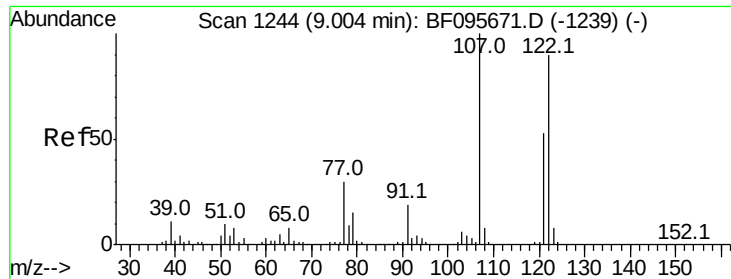
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.6

65 42.7 33.0 49.6

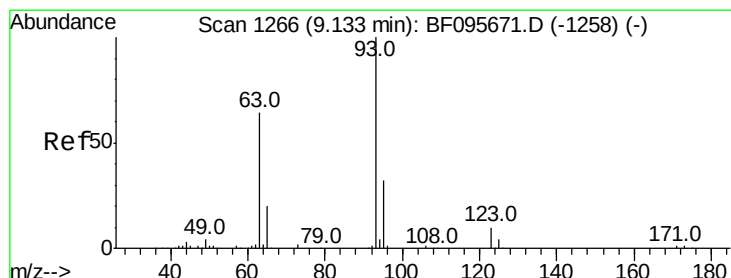
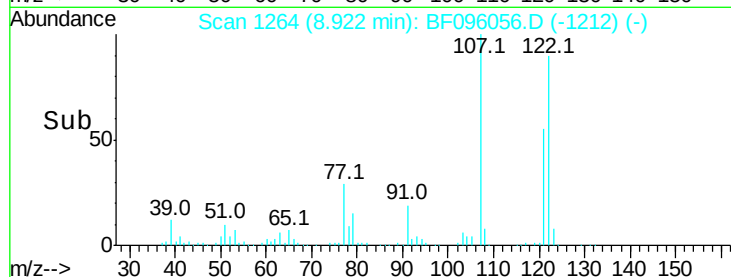
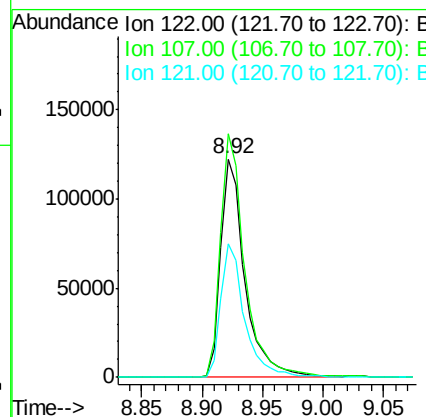
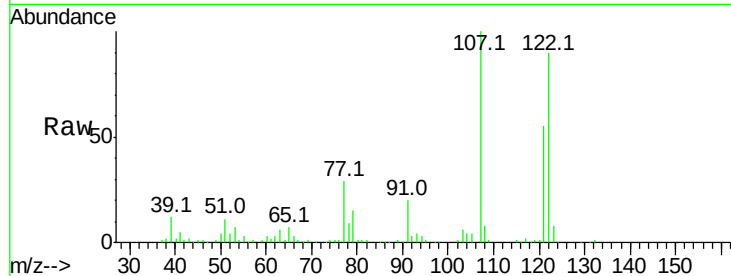




#27
 2,4-Dimethylphenol
 Concen: 46.35 ng
 RT: 8.92 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

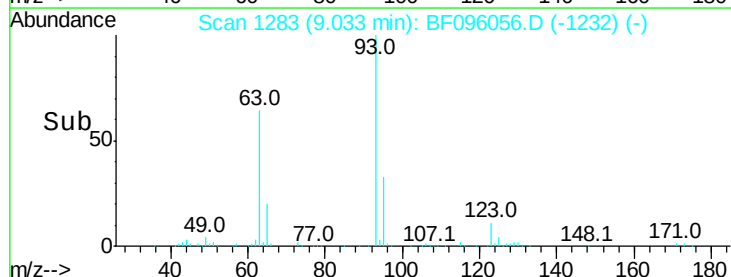
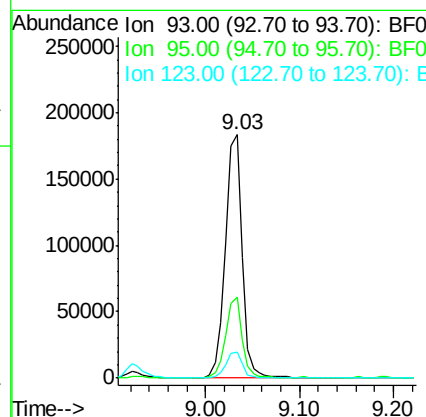
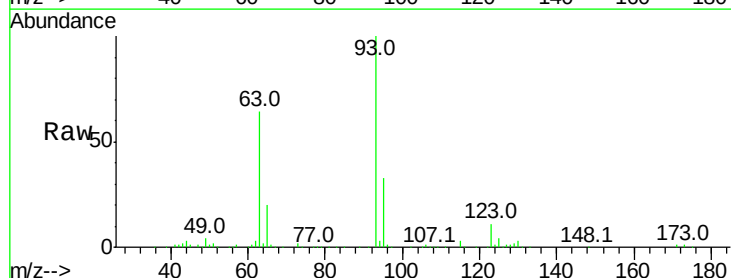
Instrument :
 BNA_F
 ClientSampleId :

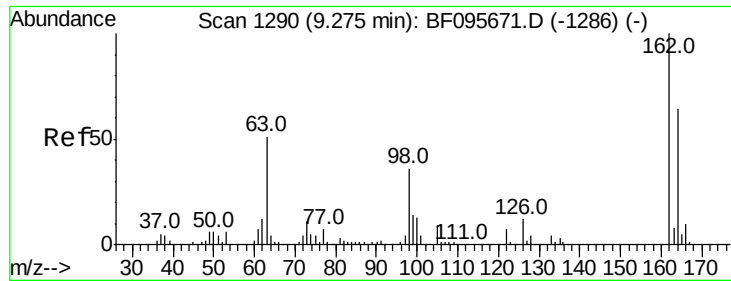
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.2	133.8
121	60.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.23 ng
 RT: 9.03 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	10.8	9.0	13.4

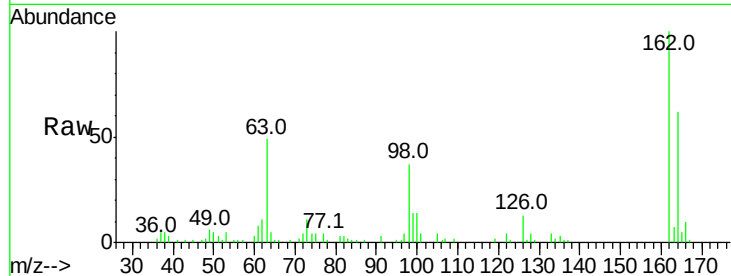




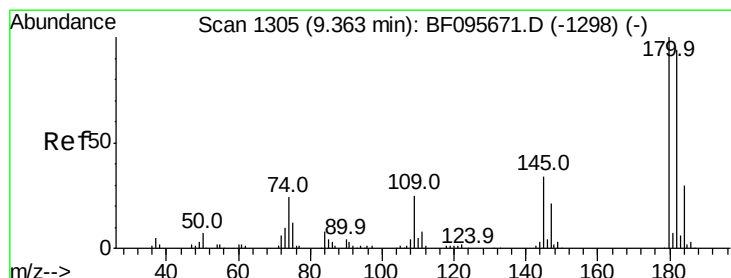
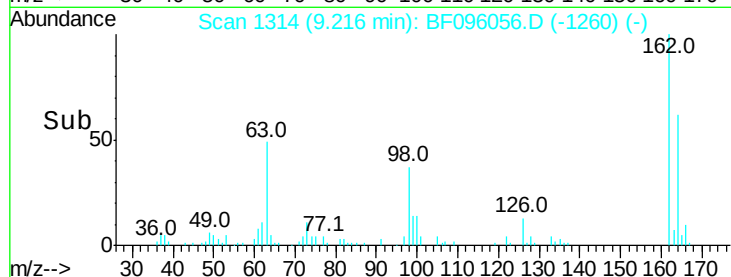
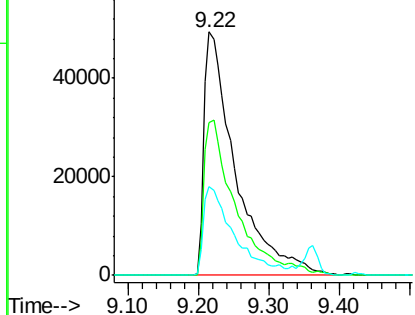
#29
 2,4-Dichlorophenol
 Concen: 43.48 ng
 RT: 9.22 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.5	14.8	54.8

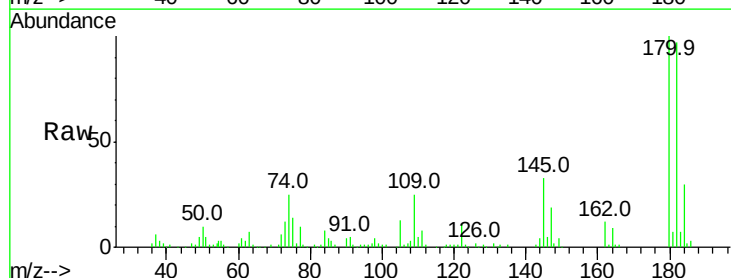


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

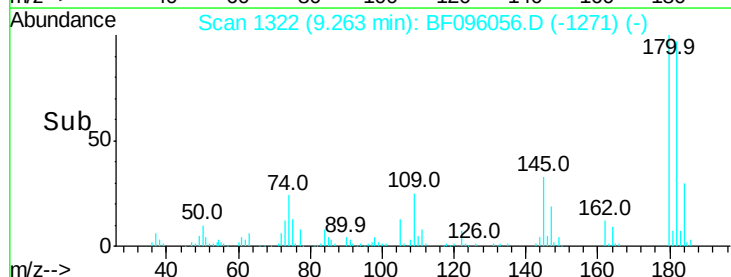
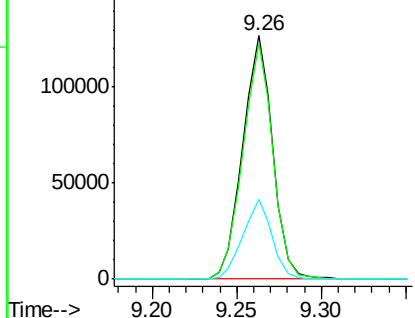


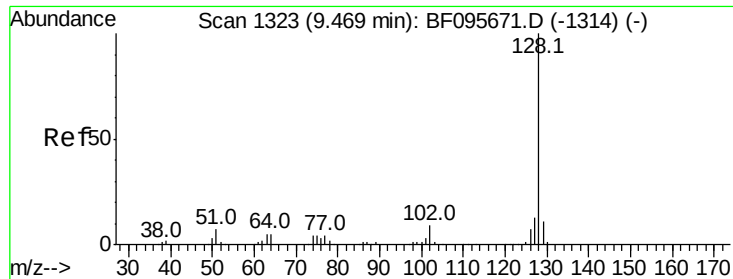
#30
 1,2,4-Trichlorobenzene
 Concen: 42.60 ng
 RT: 9.26 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	32.6	25.3	37.9



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

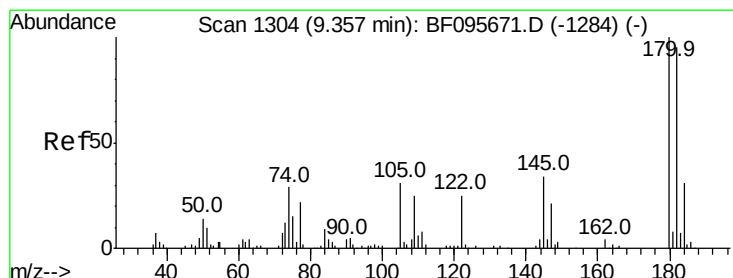
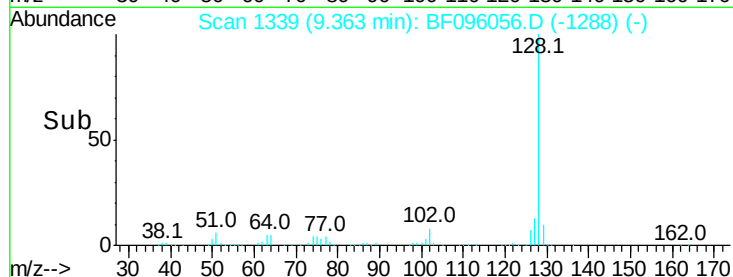
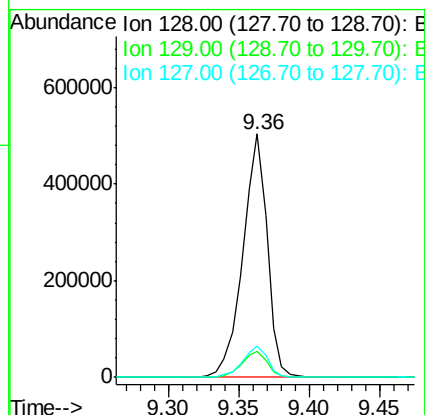
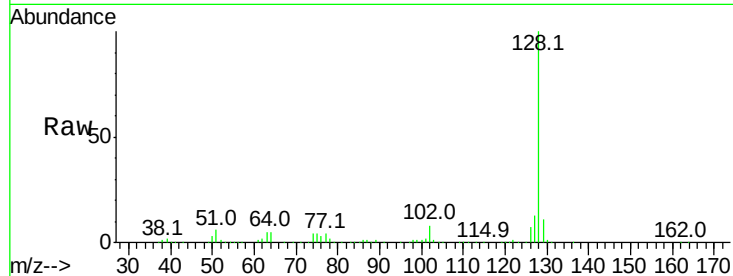




#31
Naphthalene
Concen: 45.97 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

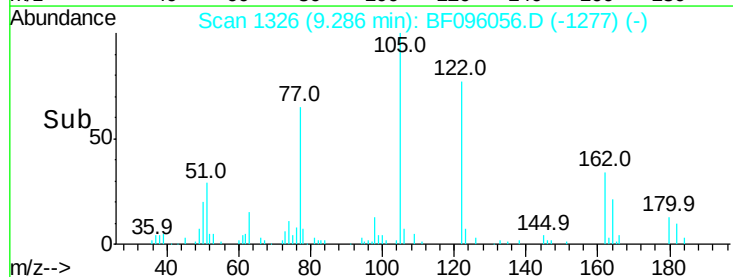
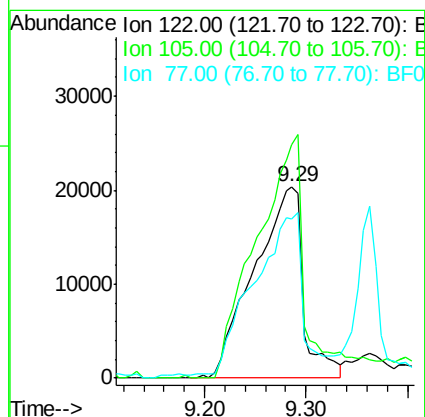
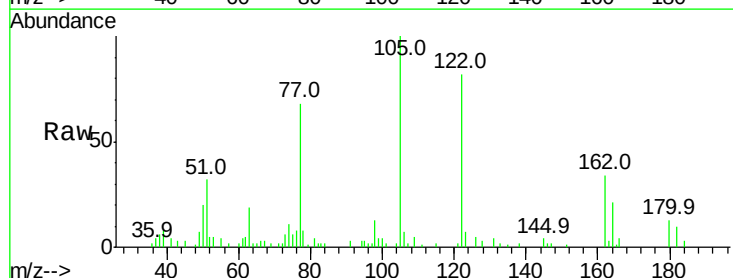
Instrument :
BNA_F
ClientSampleId :

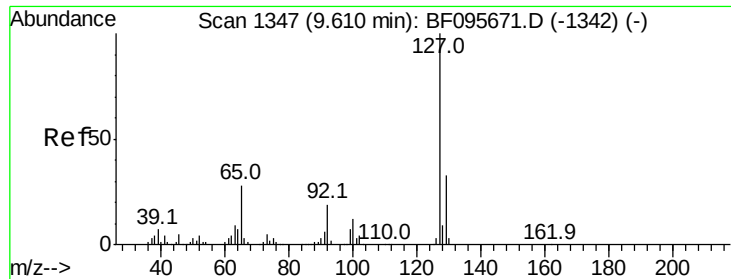
Tot Ion:128 Resp: 605488
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 31.75 ng
RT: 9.29 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:122 Resp: 68358
Ion Ratio Lower Upper
122 100
105 122.0 103.3 143.3
77 83.0 73.7 113.7

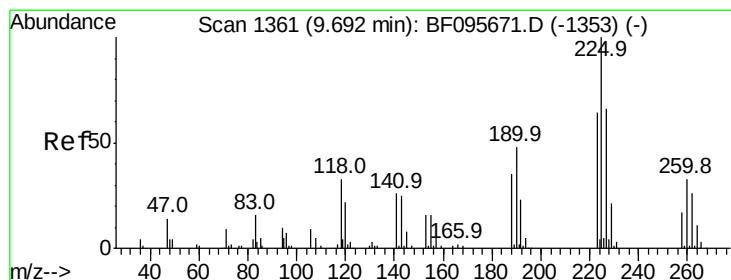
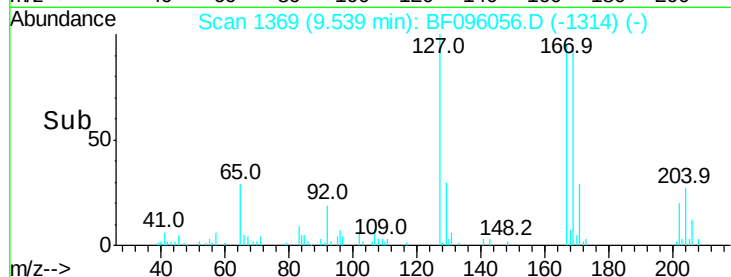
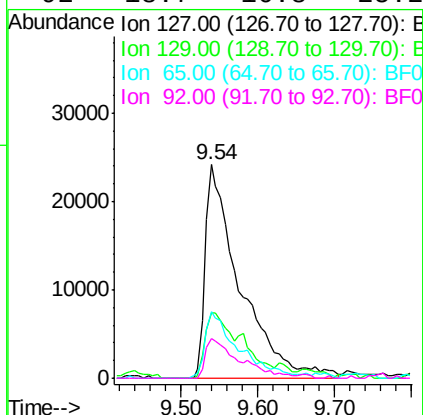
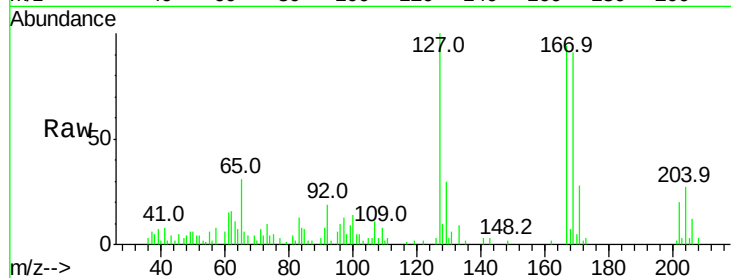




#33
 4-Chloroaniline
 Concen: 14.66 ng
 RT: 9.54 min Scan# 1369
 Delta R.T. 0.02 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

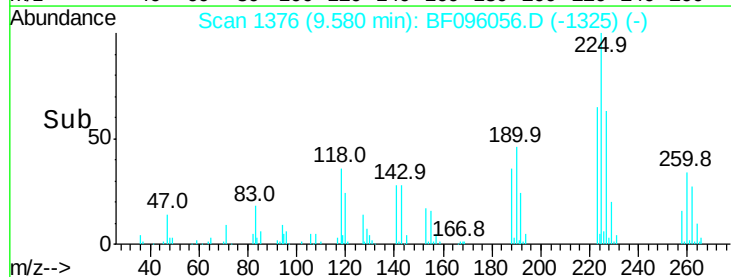
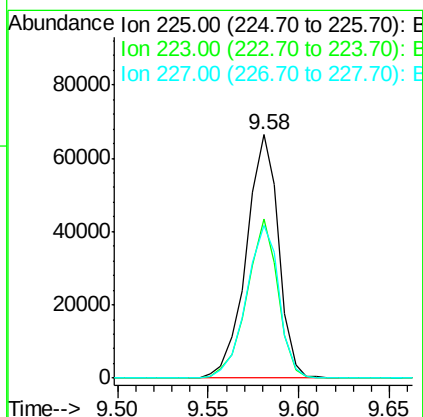
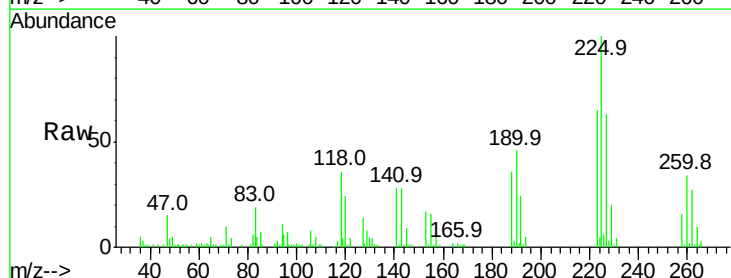
Instrument :
 BNA_F
 ClientSampleId :

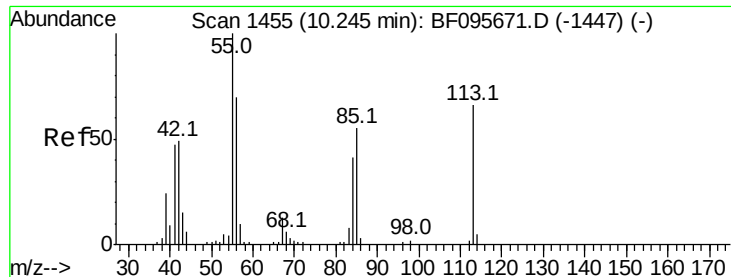
Tot Ion:	127	Resp:	75465
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	31.0	27.8	41.8
92	18.7	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 43.06 ng
 RT: 9.58 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:	225	Resp:	81801
Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.8	73.2
227	62.5	51.1	76.7





#35

Caprolactam

Concen: 44.53 ng

RT: 10.15 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

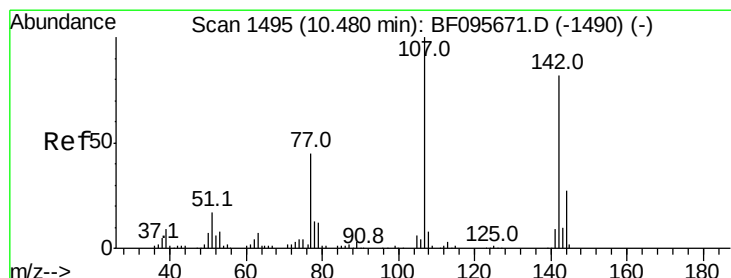
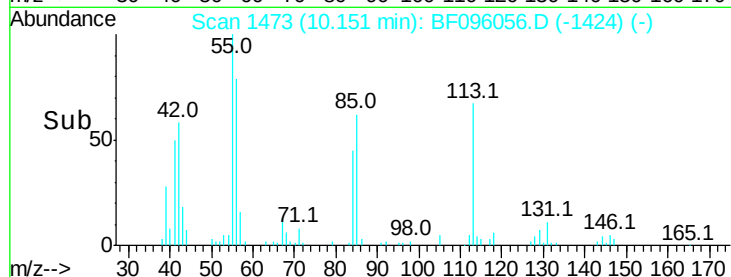
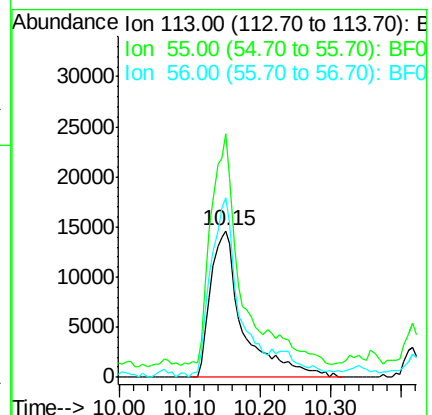
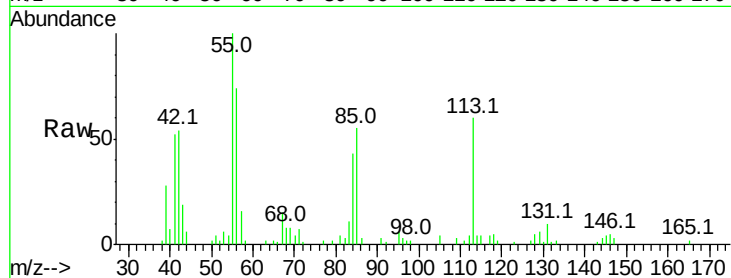
Tot Ion:113 Resp: 46818

Ion Ratio Lower Upper

113 100

55 166.1 150.2 190.2

56 122.6 107.8 147.8



#36

4-Chloro-3-methylphenol

Concen: 41.49 ng

RT: 10.42 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

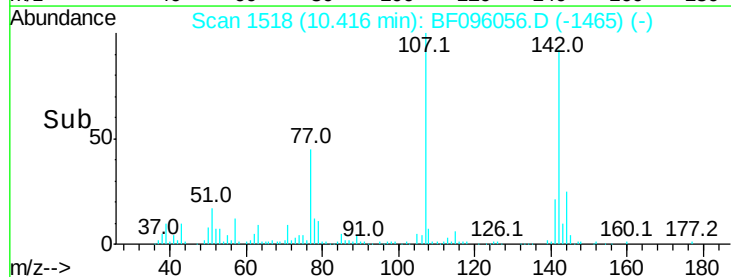
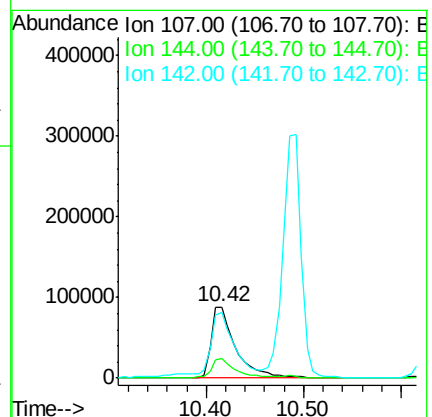
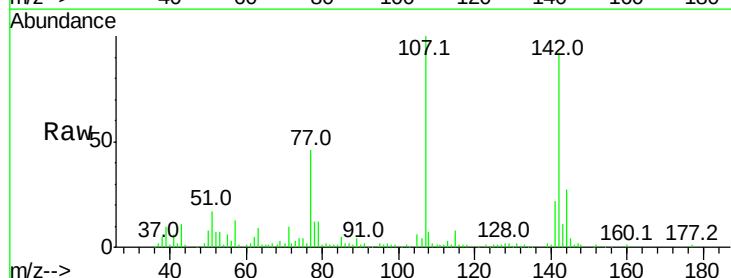
Tgt Ion:107 Resp: 153466

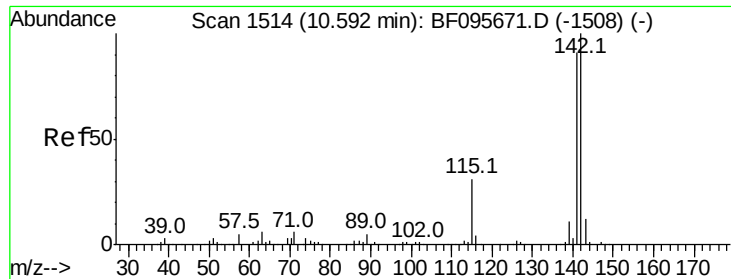
Ion Ratio Lower Upper

107 100

144 27.3 24.2 36.4

142 91.5 73.4 110.0

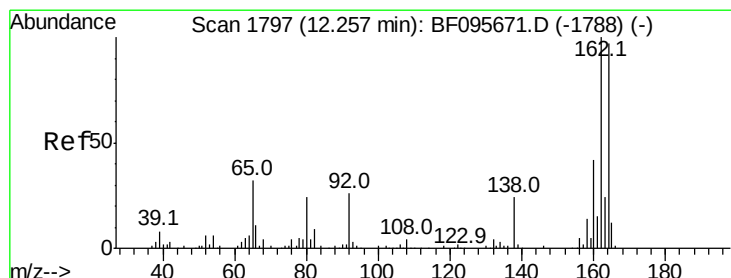
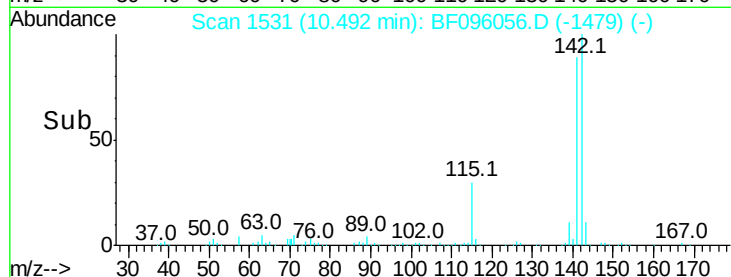
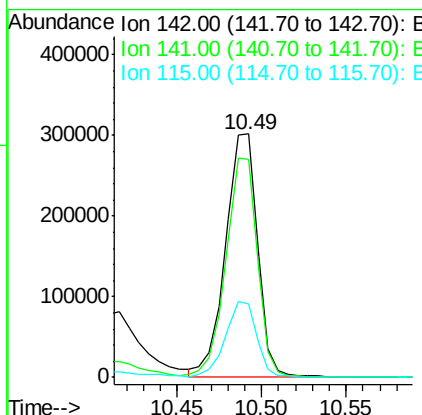
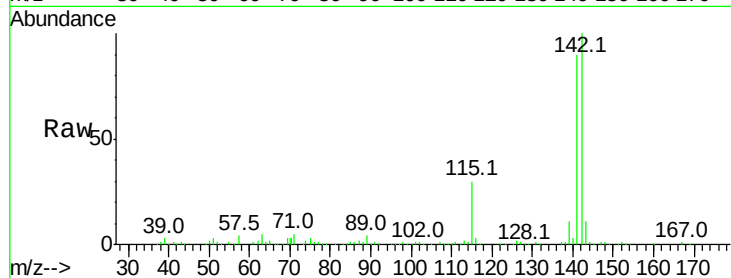




#37
2-Methylnaphthalene
Concen: 44.61 ng
RT: 10.49 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

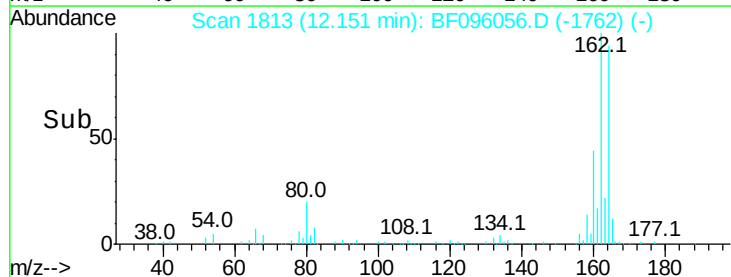
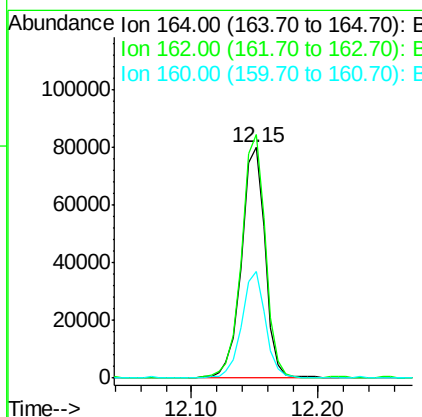
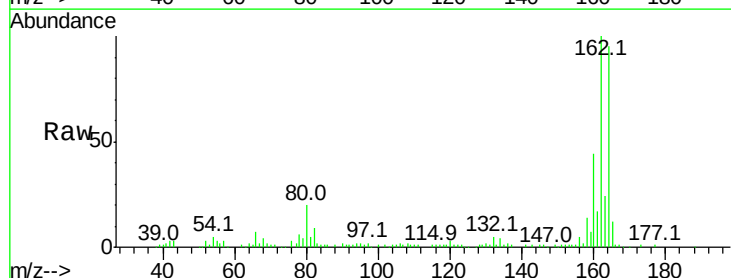
Instrument :
BNA_F
ClientSampleId :

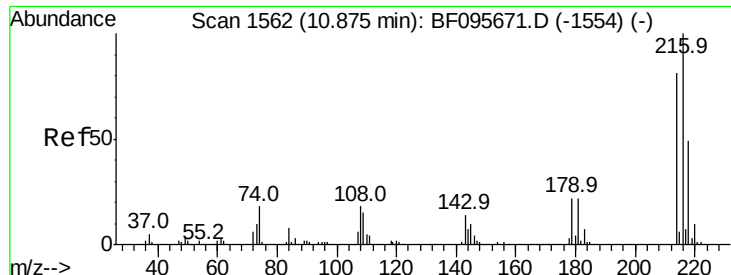
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	30.2	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	46.5	36.2	54.2

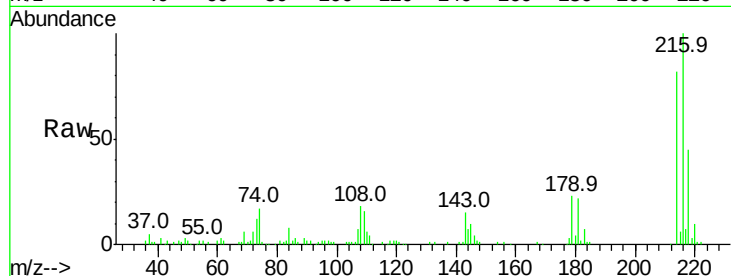




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.96 ng
 RT: 10.77 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	136082
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.8	17.9	26.9
108	18.4	16.5	24.7

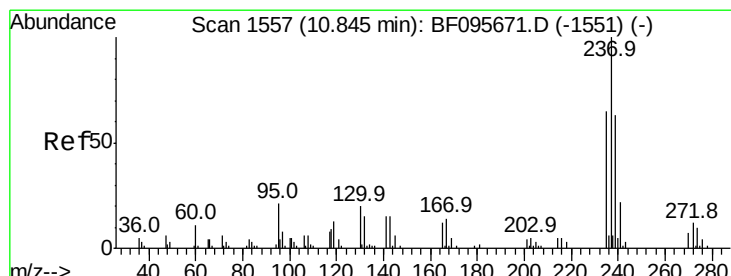
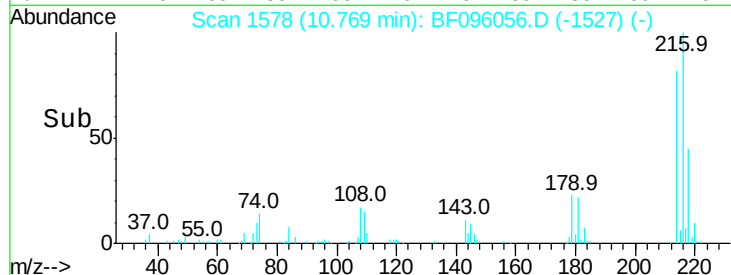
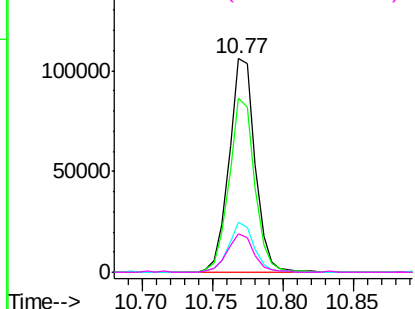


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

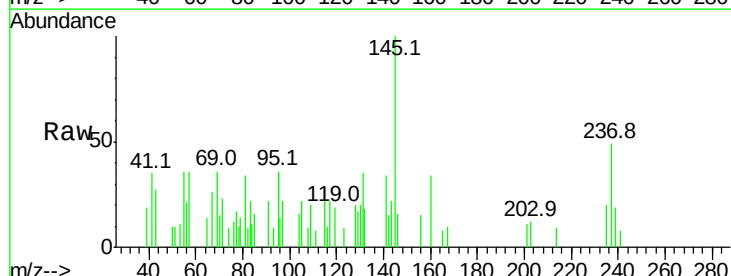
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 12.59 ng
 RT: 10.74 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

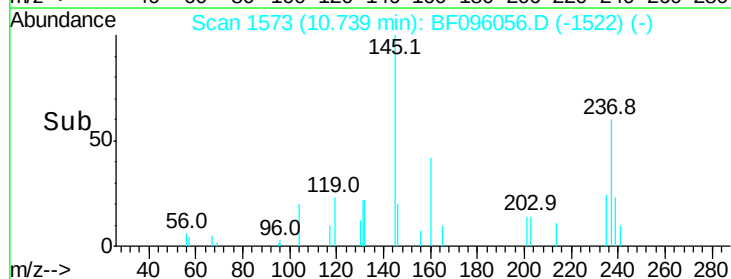
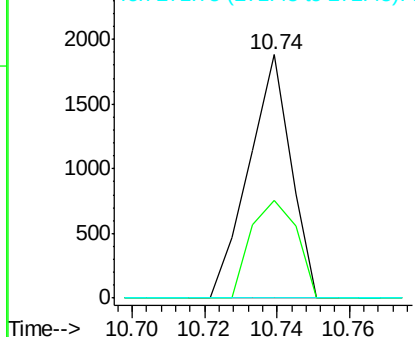
Tgt Ion:	237	Resp:	1518
Ion	Ratio	Lower	Upper
237	100		
235	40.1	42.6	82.6#
272	0.0	0.0	31.9

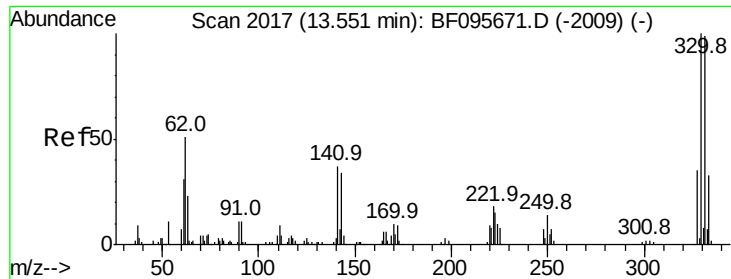


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

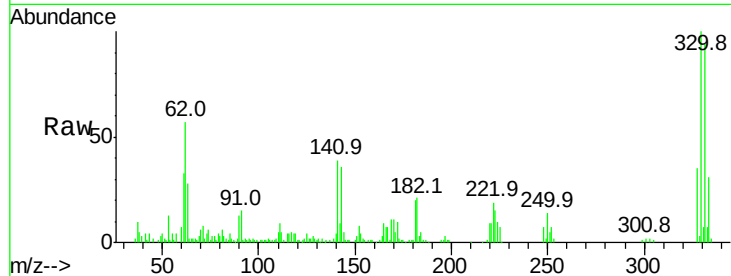




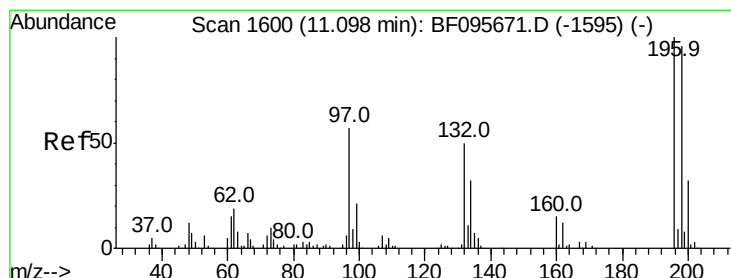
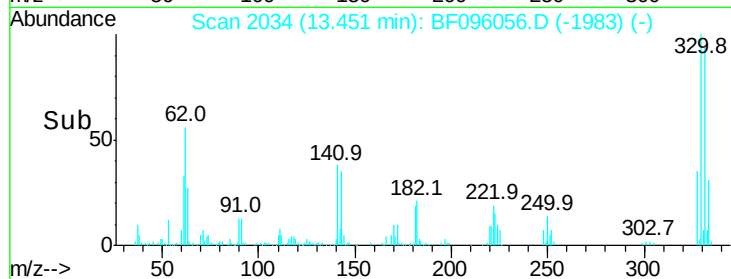
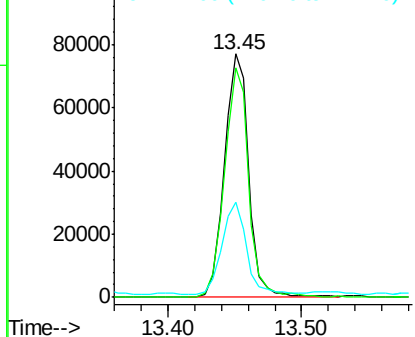
#41
 2,4,6-Tribromophenol
 Concen: 108.22 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 99027
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 38.2 31.4 47.2

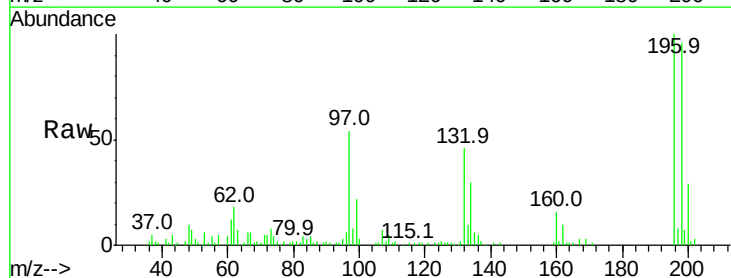


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

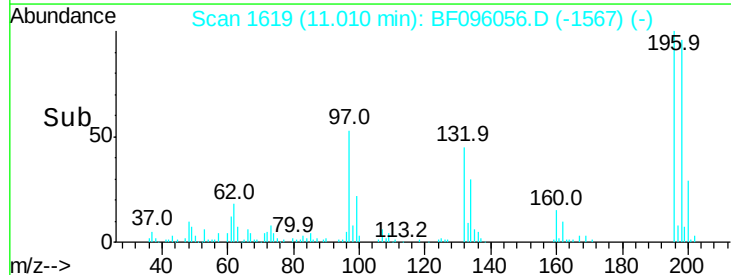
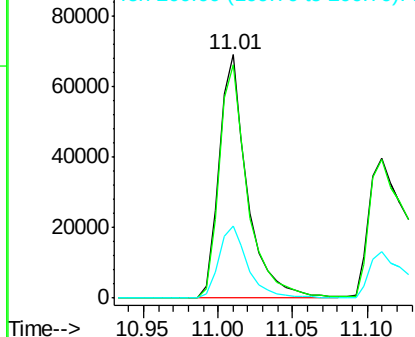


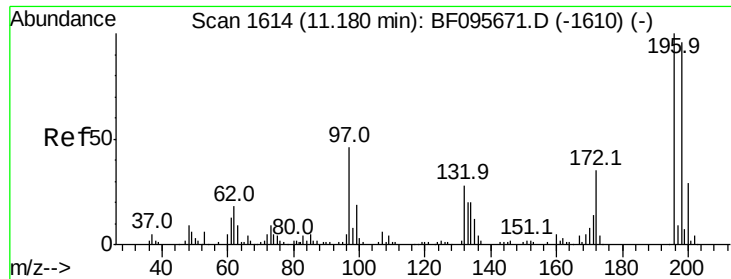
#42
 2,4,6-Trichlorophenol
 Concen: 45.92 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:196 Resp: 91383
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 29.3 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

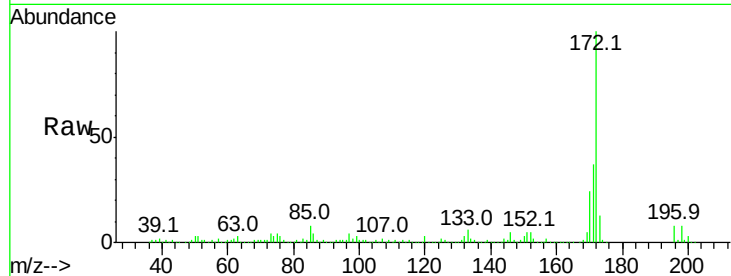




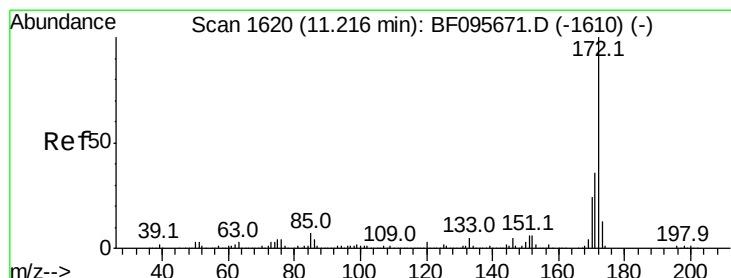
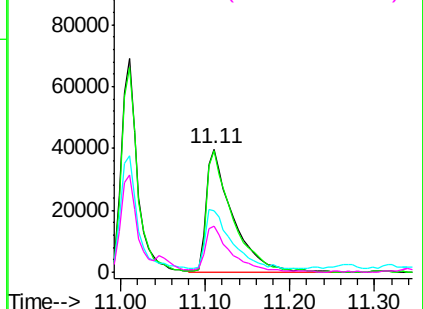
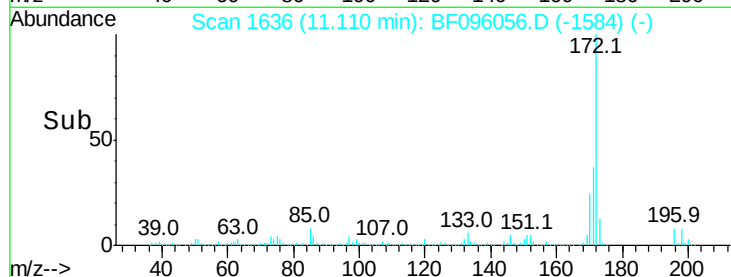
#43
 2,4,5-Trichlorophenol
 Concen: 41.04 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 86872
 Ion Ratio Lower Upper
 196 100
 198 98.5 75.7 113.5
 97 49.9 47.7 71.5
 132 37.4 28.0 42.0

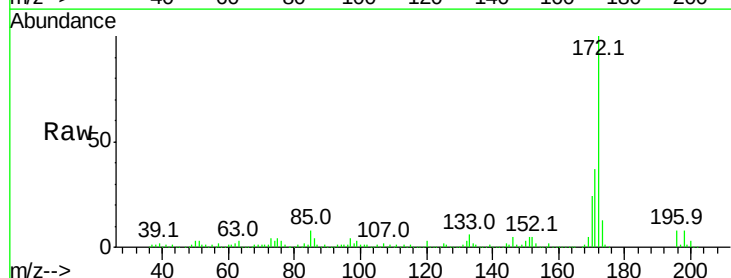


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

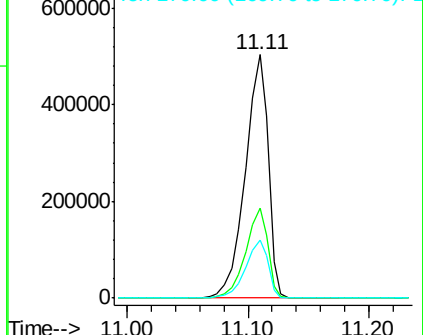
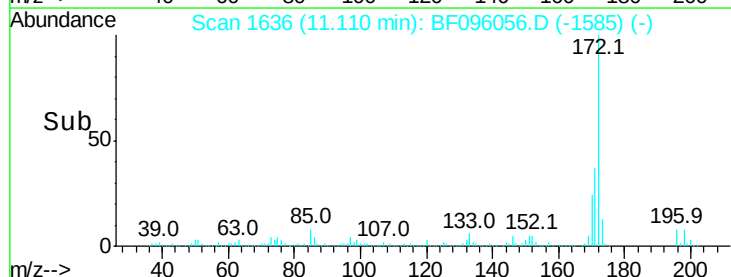


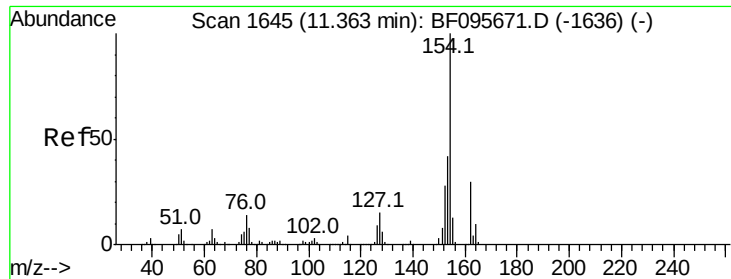
#44
 2-Fluorobiphenyl
 Concen: 89.95 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:172 Resp: 668552
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.8 19.8 29.8



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

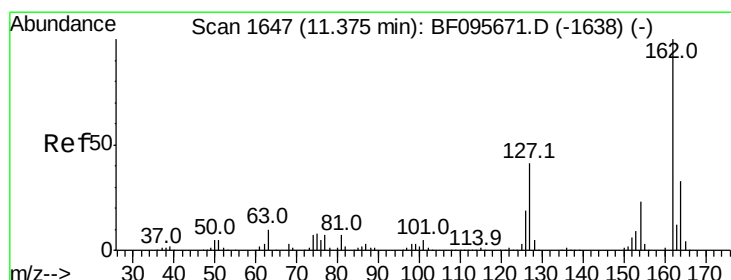
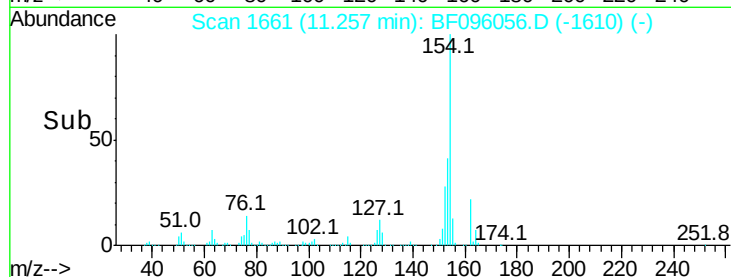
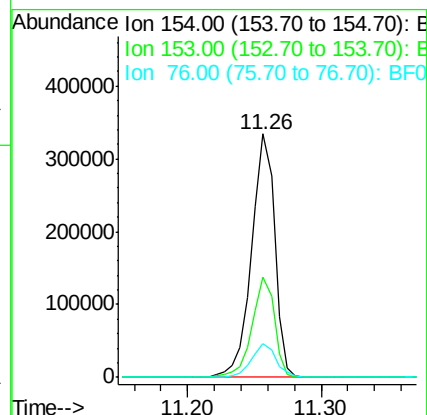
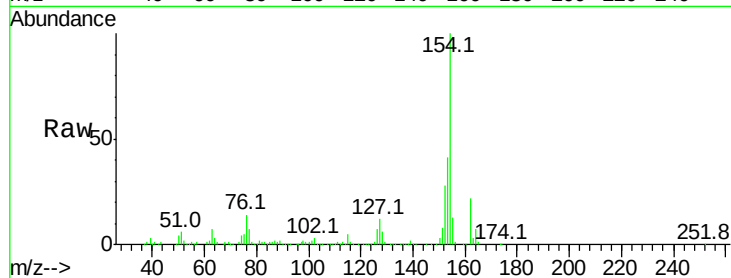




#45
 1,1'-Biphenyl
 Concen: 46.57 ng
 RT: 11.26 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

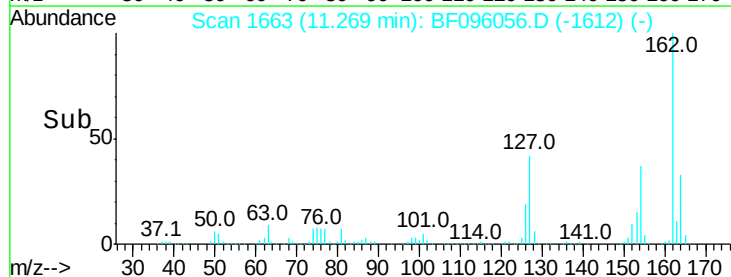
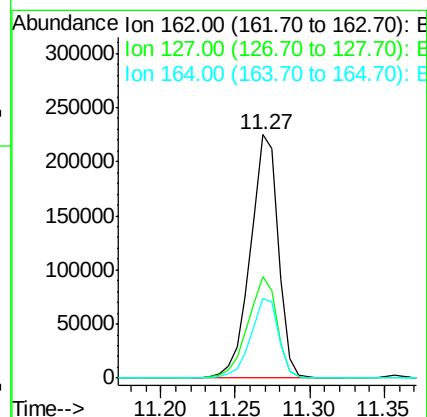
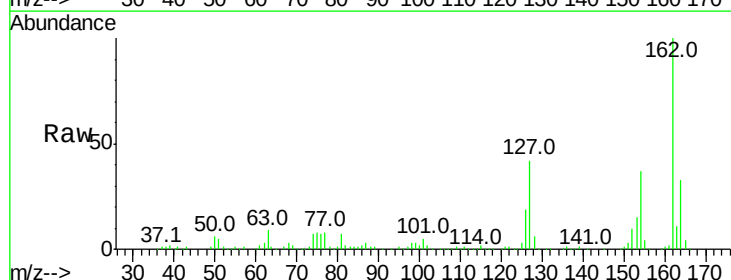
Instrument :
 BNA_F
 ClientSampled :

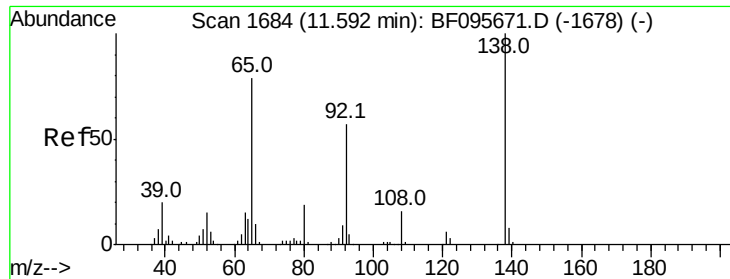
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	13.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 43.57 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	28.3	42.5
164	32.8	27.0	40.4

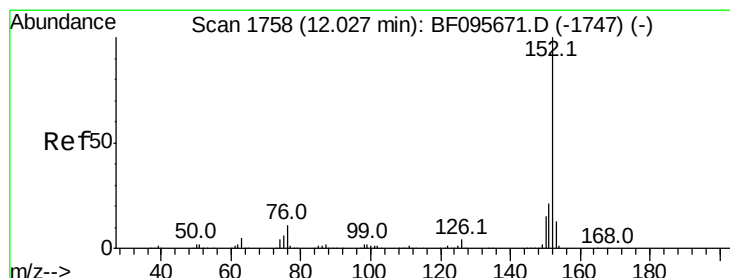
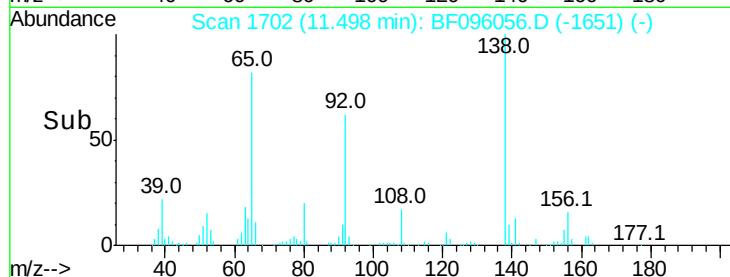
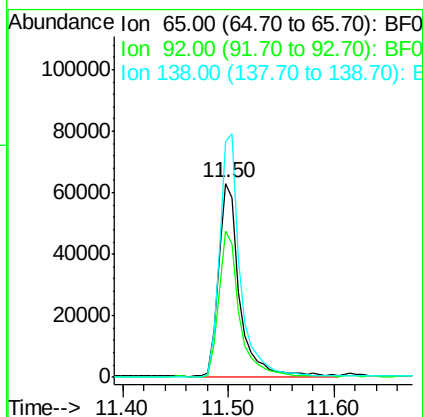
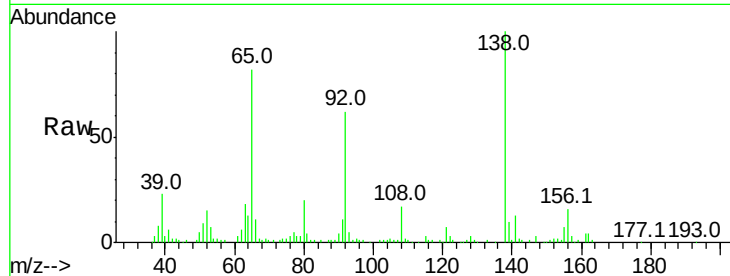




#47
2-Nitroaniline
Concen: 44.95 ng
RT: 11.50 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

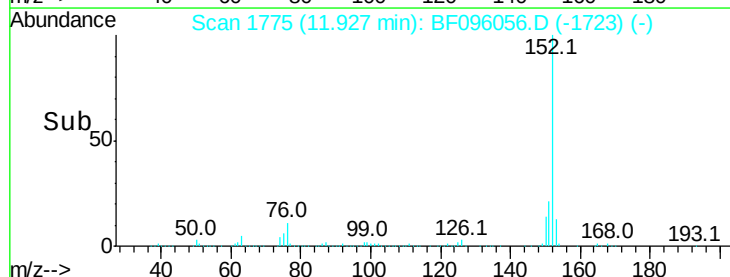
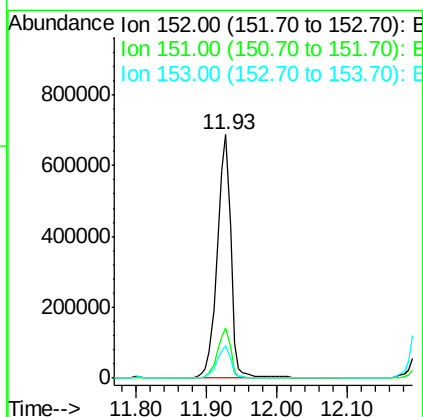
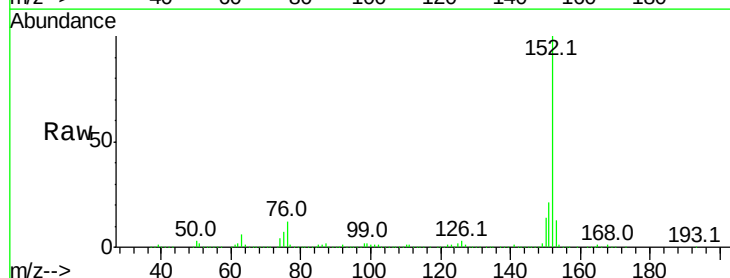
Instrument :
BNA_F
ClientSampleId :

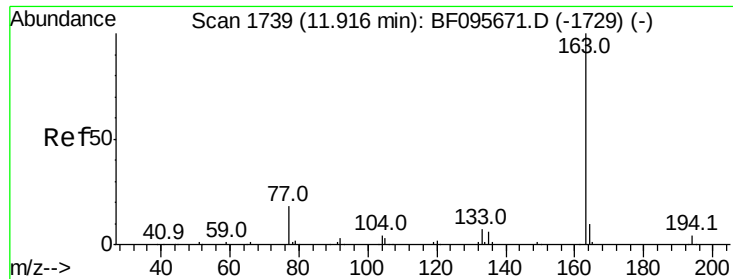
Tot Ion: 65 Resp: 87611
Ion Ratio Lower Upper
65 100
92 75.5 53.9 80.9
138 121.6 78.8 118.2#



#48
Acenaphthylene
Concen: 80.33 ng
RT: 11.93 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion: 152 Resp: 914917
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 56.01 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

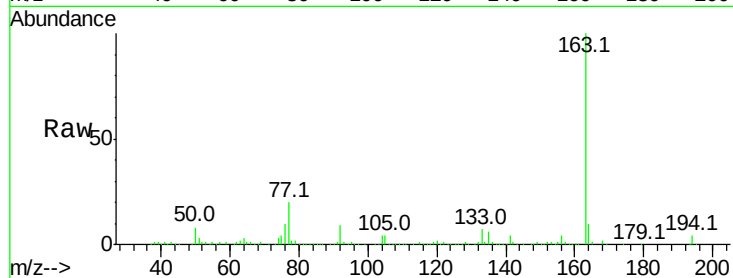
Tot Ion:163 Resp: 439848

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

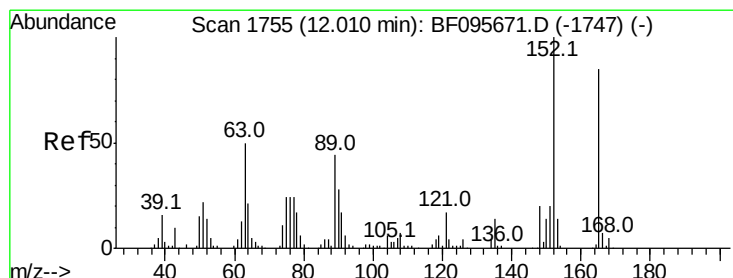
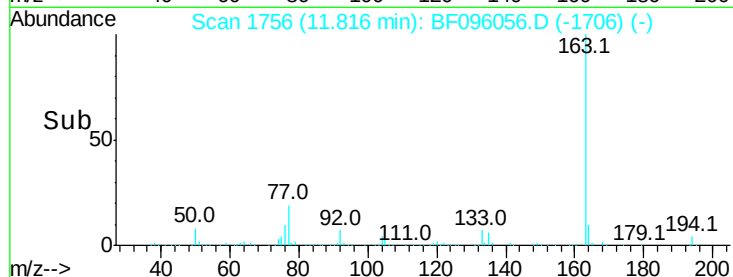
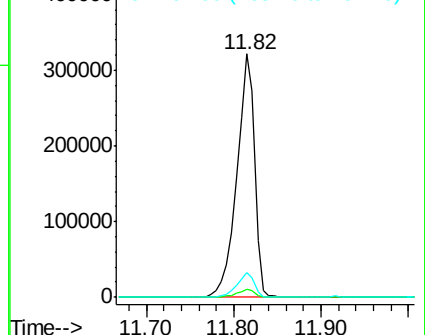
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.32 ng

RT: 11.92 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

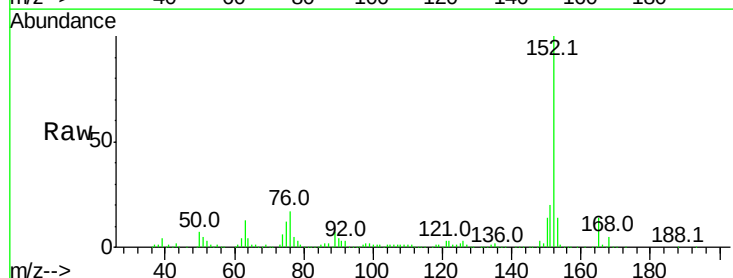
Tgt Ion:165 Resp: 60499

Ion Ratio Lower Upper

165 100

63 96.6 34.3 51.5#

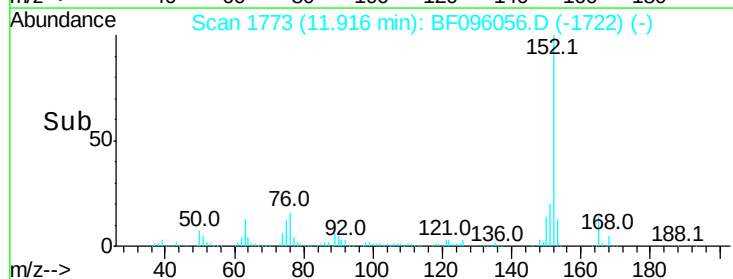
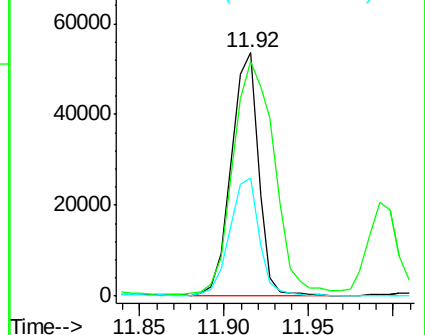
89 48.3 37.1 55.7

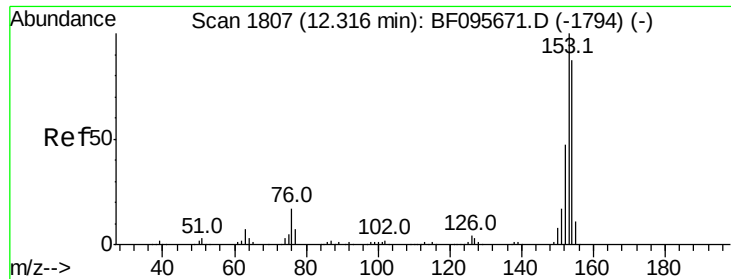


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.07 ng

RT: 12.20 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

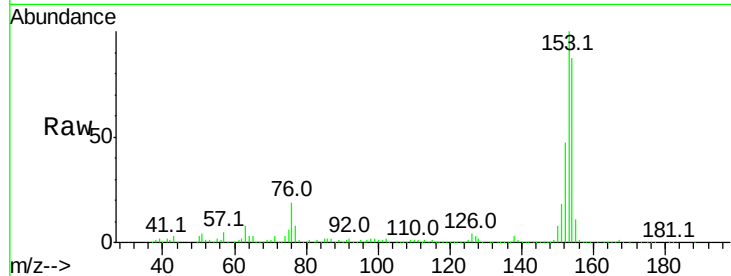
Tot Ion:154 Resp: 349099

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

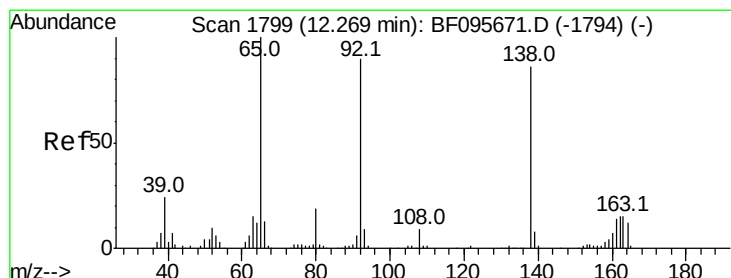
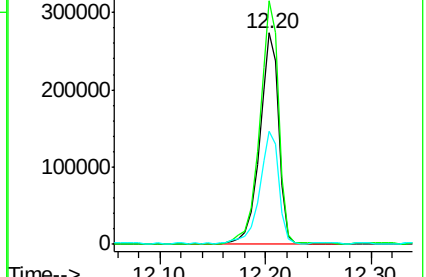
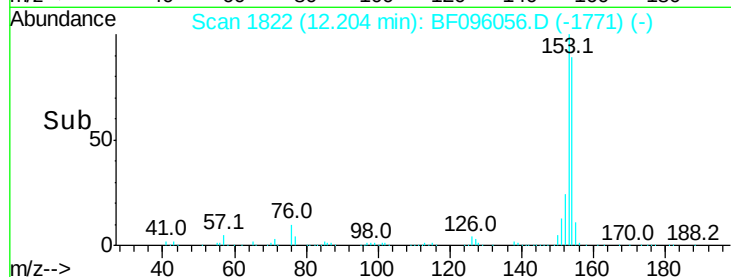
152 53.7 43.6 65.4



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: 30.35 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

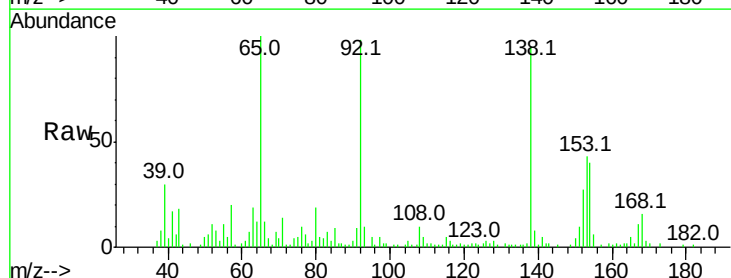
Tgt Ion:138 Resp: 60562

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

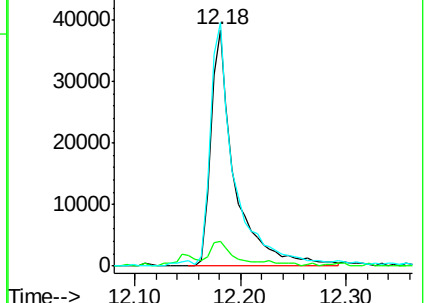
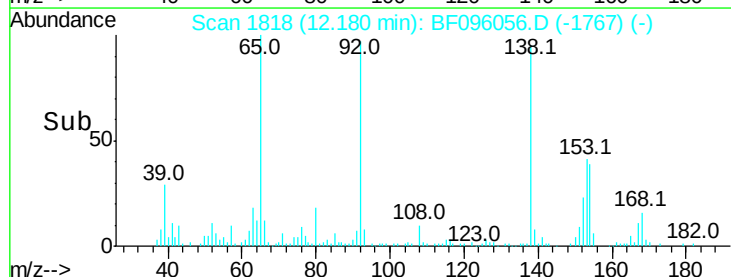
92 103.0 93.8 140.6

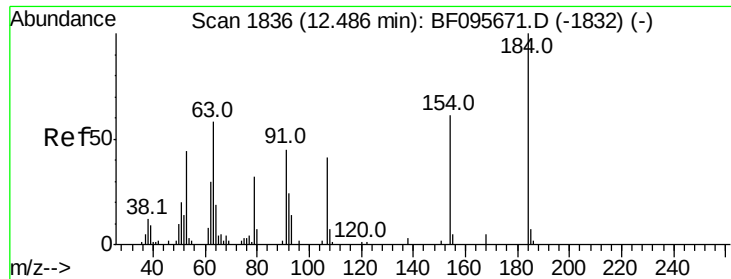


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

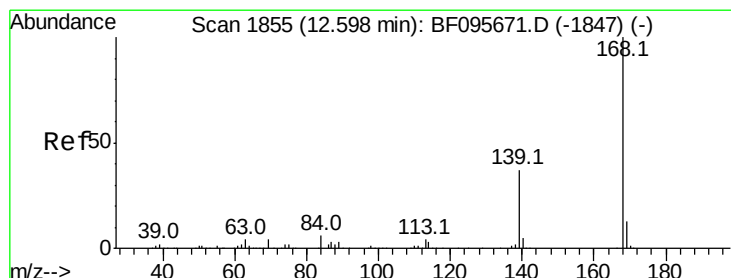
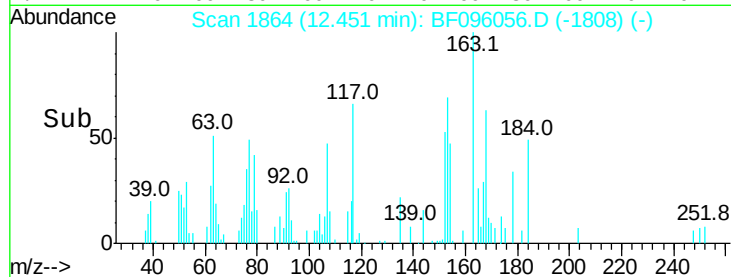
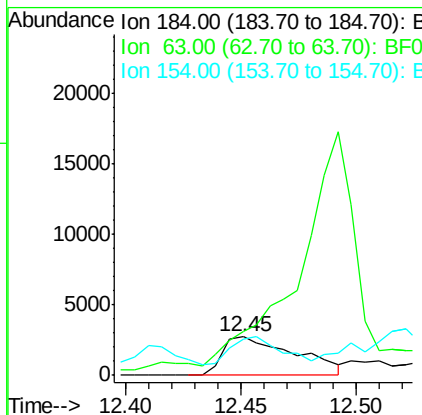
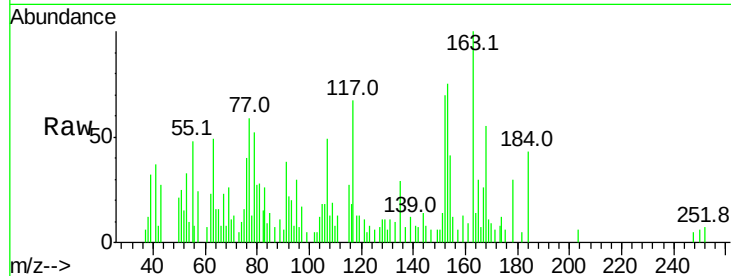




#53
 2,4-Dinitrophenol
 Concen: 12.20 ng
 RT: 12.45 min Scan# 1864
 Delta R.T. 0.03 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

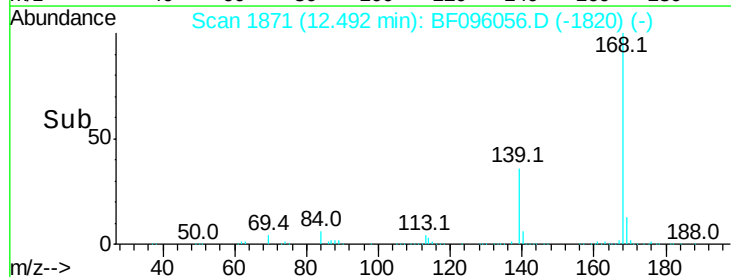
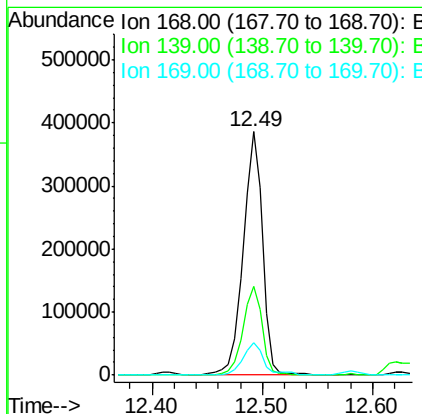
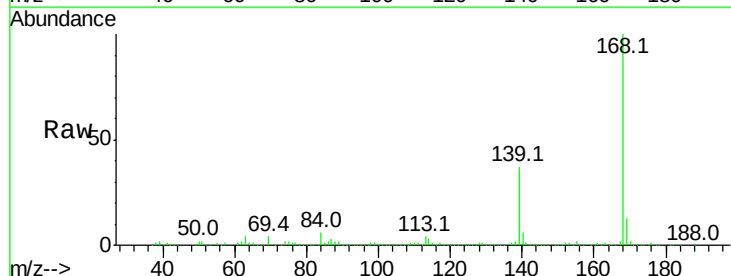
Instrument :
 BNA_F
 ClientSampled :

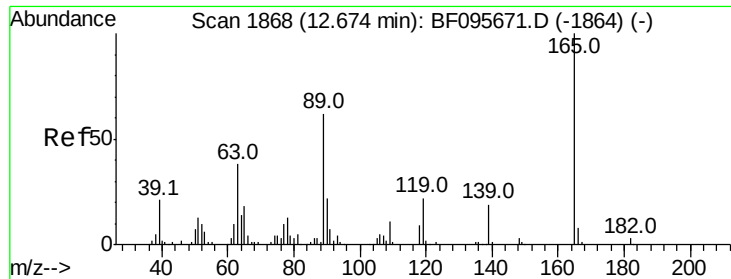
Tot Ion:184 Resp: 6044
 Ion Ratio Lower Upper
 184 100
 63 114.3 62.7 94.1#
 154 95.7 81.1 121.7



#54
 Dibenzofuran
 Concen: 51.01 ng
 RT: 12.49 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:168 Resp: 472192
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 13.3 10.8 16.2

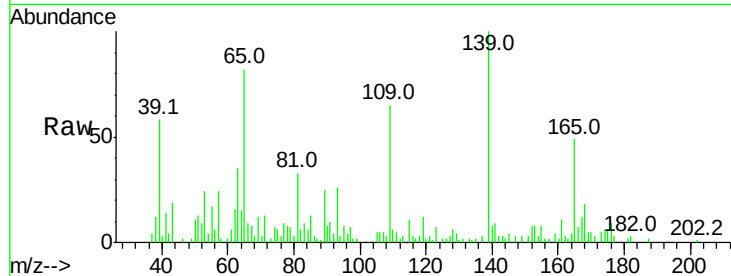




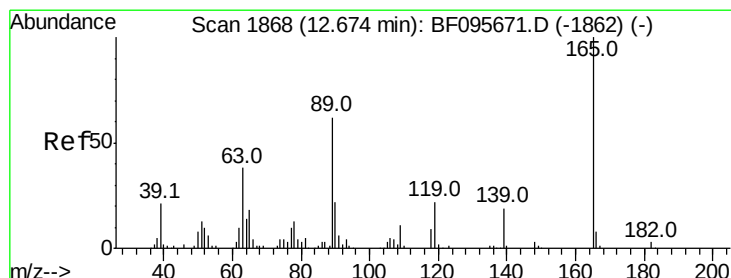
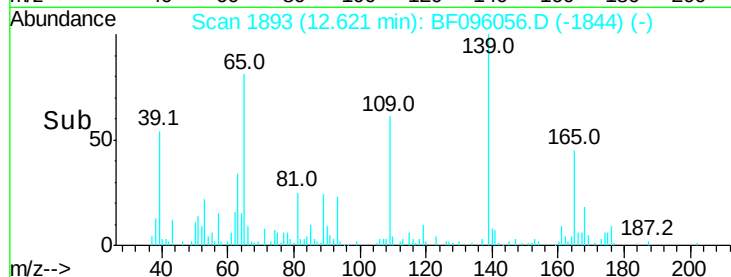
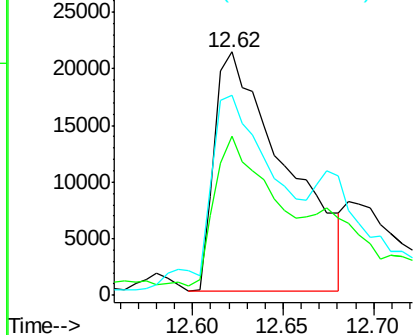
#55
4-Nitrophenol
Concen: 51.54 ng
RT: 12.62 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 58012
Ion Ratio Lower Upper
139 100
109 65.4 34.1 74.1
65 82.2 31.4 71.4#

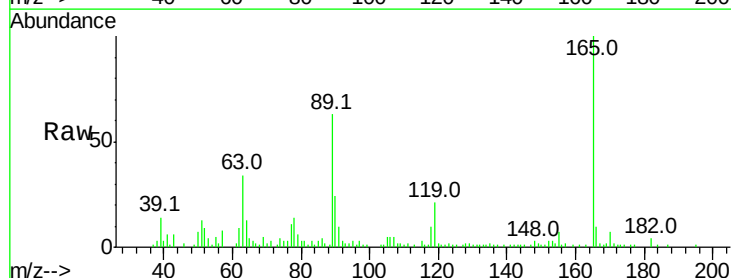


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

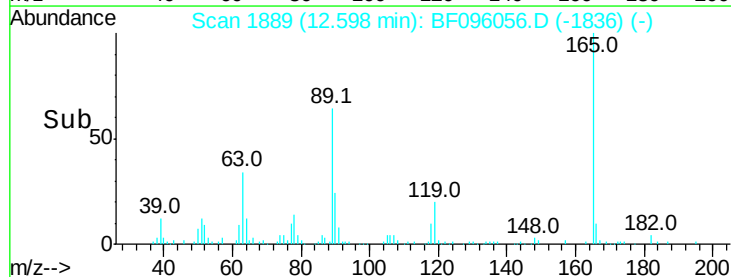
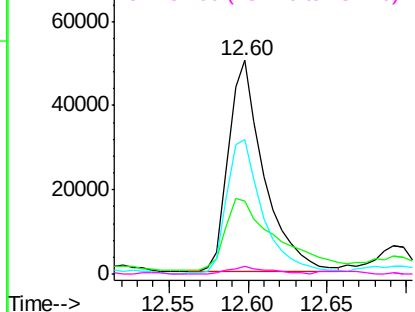


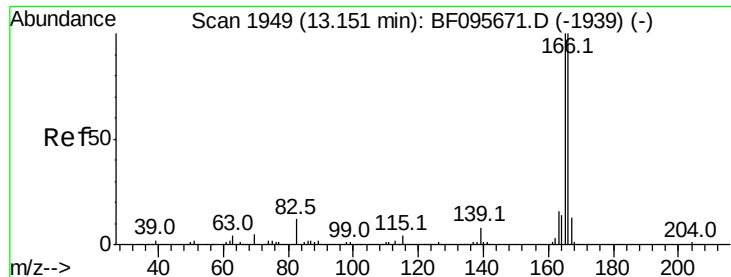
#56
2,4-Dinitrotoluene
Concen: 34.12 ng
RT: 12.60 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:165 Resp: 78926
Ion Ratio Lower Upper
165 100
63 34.0 25.4 38.0
89 63.1 46.4 69.6
182 3.6 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

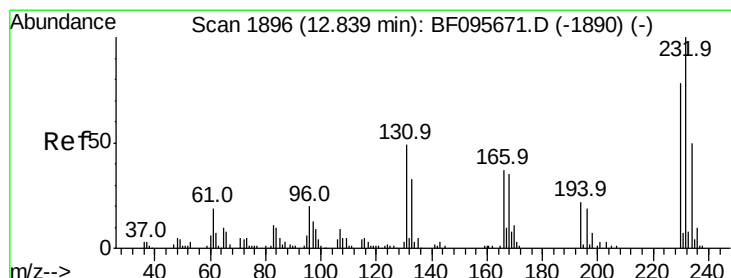
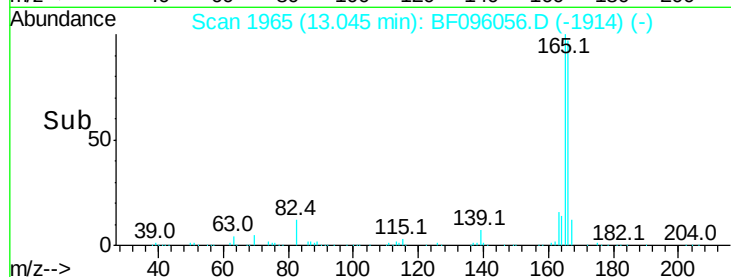
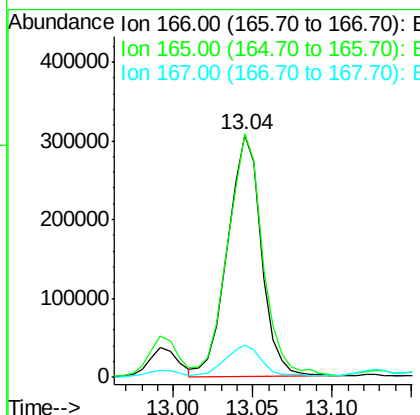
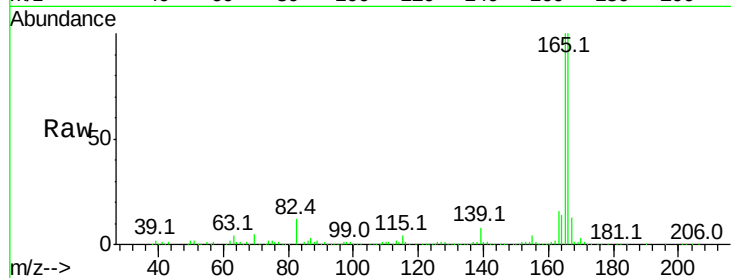




#57
 Fluorene
 Concen: 55.87 ng
 RT: 13.04 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

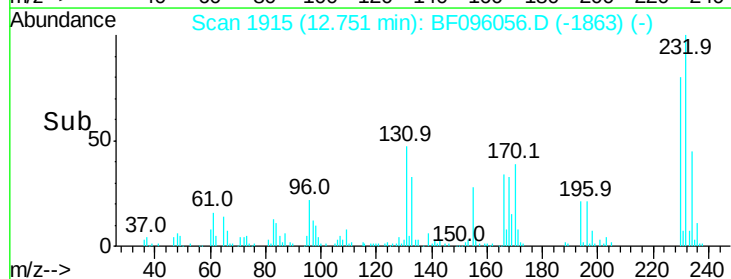
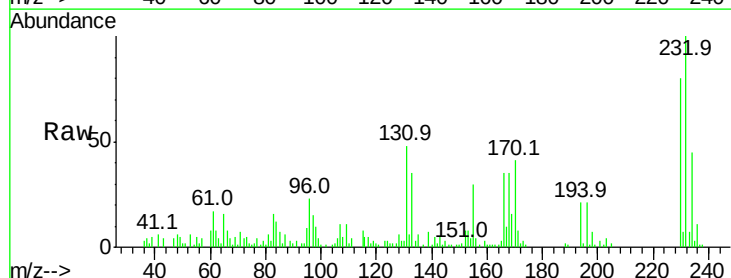
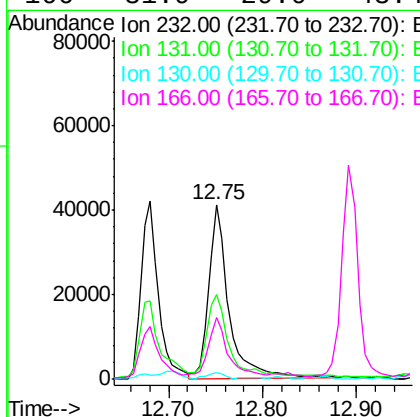
Instrument :
 BNA_F
 ClientSampleId :

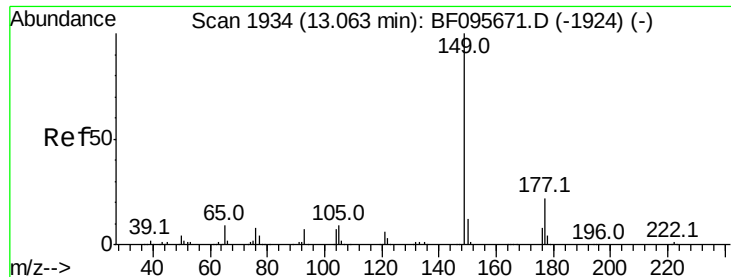
Tot Ion:166 Resp: 450070
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.61 ng
 RT: 12.75 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:232 Resp: 61721
 Ion Ratio Lower Upper
 232 100
 131 49.1 44.8 67.2
 130 3.3 2.3 3.5
 166 31.9 29.0 43.4

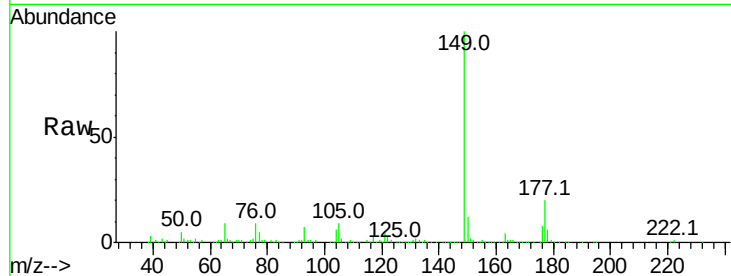




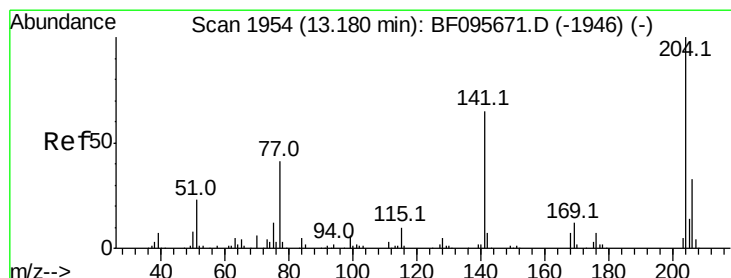
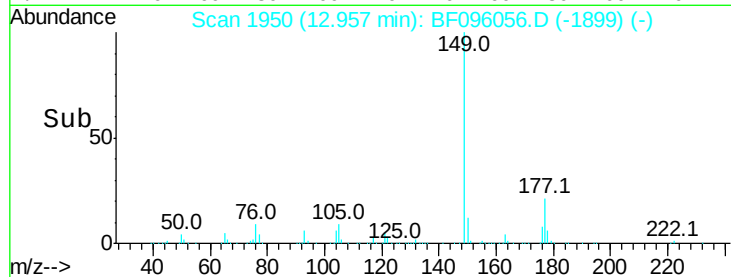
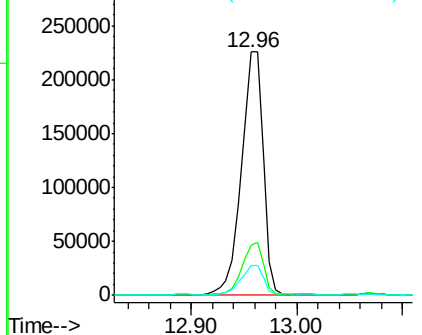
#59
Diethylphthalate
Concen: 42.48 ng
RT: 12.96 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	12.3	10.2	15.2

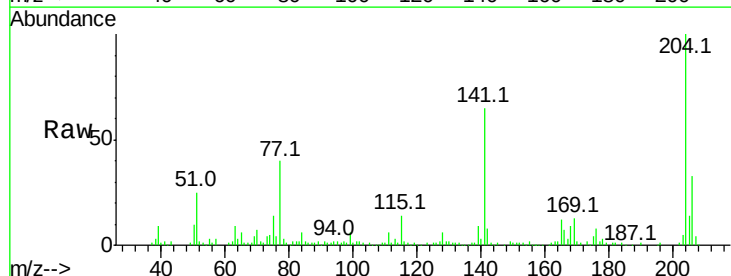


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

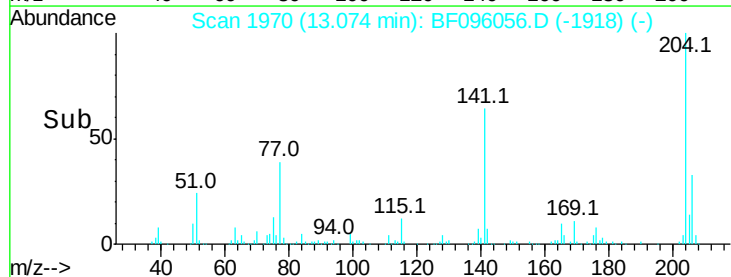
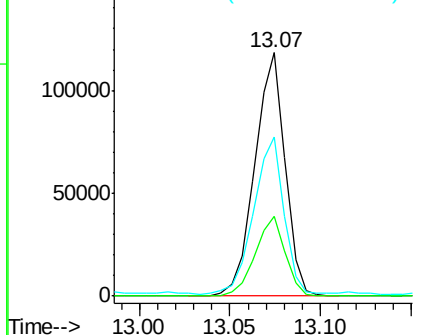


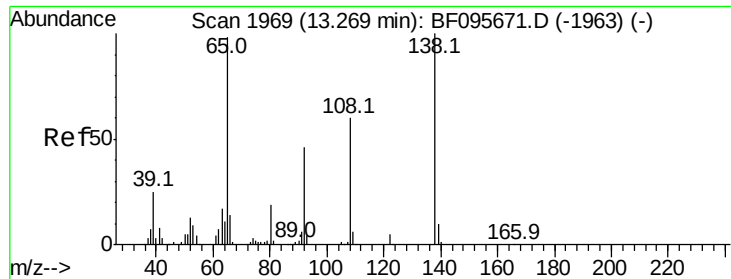
#60
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 13.07 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	65.2	60.8	91.2



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

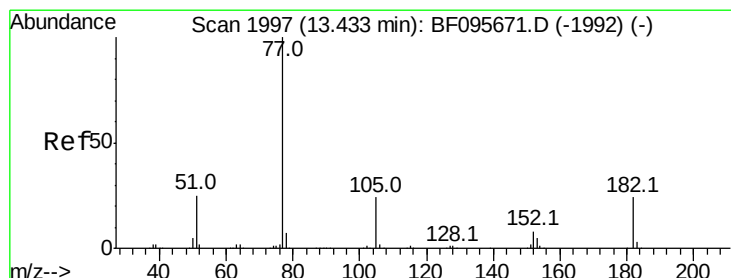
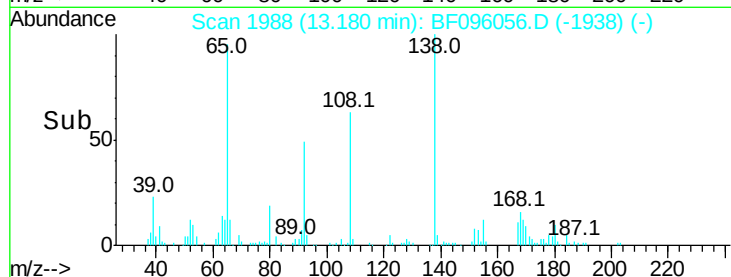
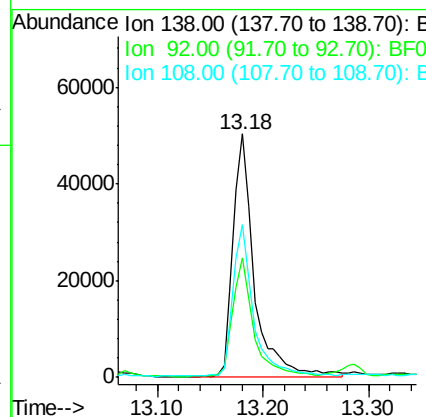
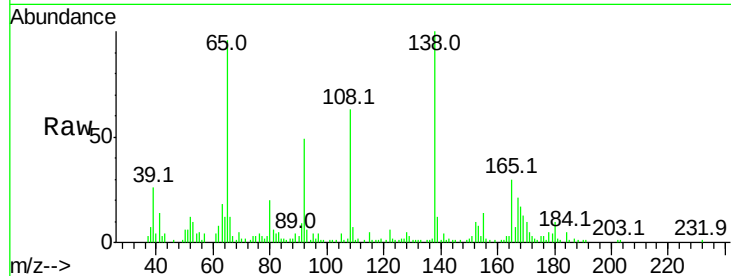




#61
4-Nitroaniline
Concen: 38.08 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

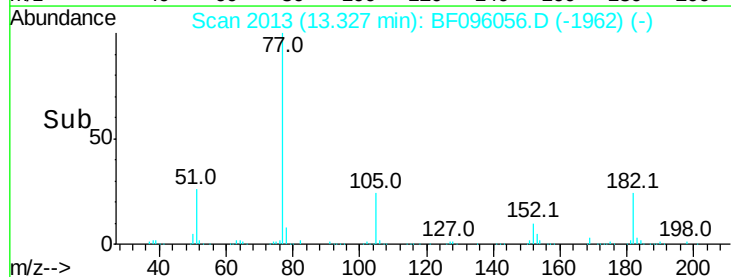
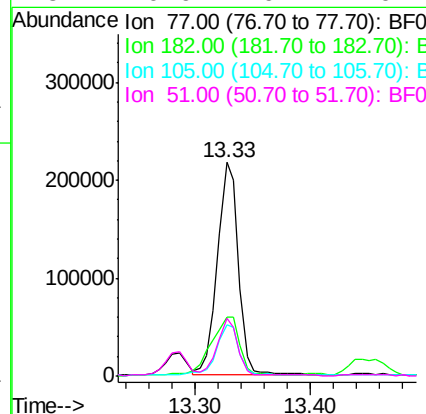
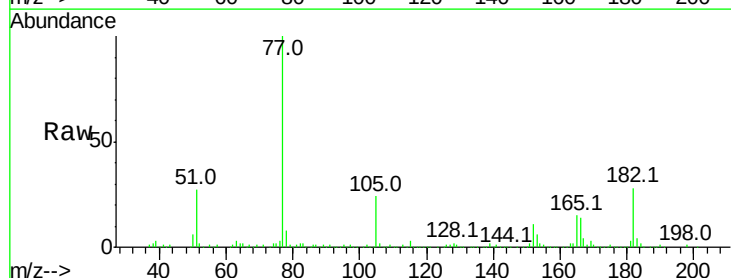
Instrument :
BNA_F
ClientSampled :

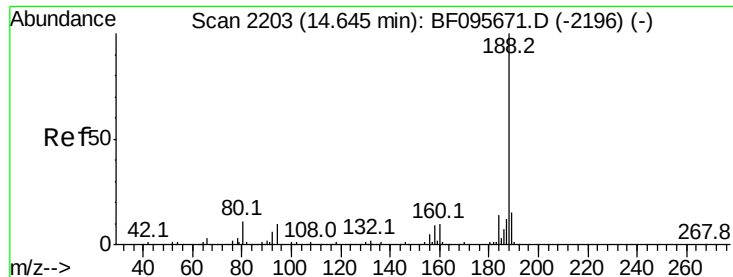
Tot Ion:138 Resp: 70955
Ion Ratio Lower Upper
138 100
92 49.0 21.8 61.8
108 62.6 42.3 82.3



#62
Azobenzene
Concen: 39.87 ng
RT: 13.33 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion: 77 Resp: 273095
Ion Ratio Lower Upper
77 100
182 27.7 0.1 40.1
105 24.2 3.6 43.6
51 26.9 9.4 49.4

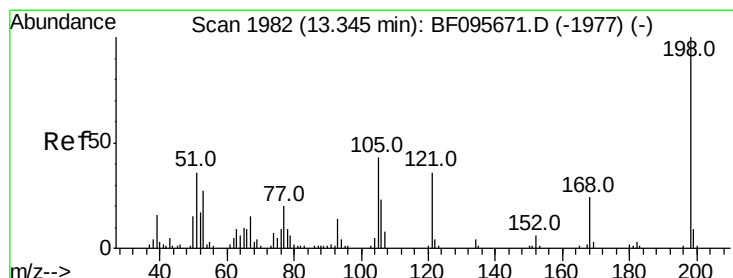
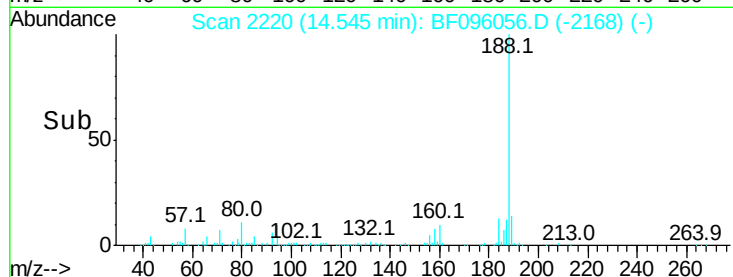
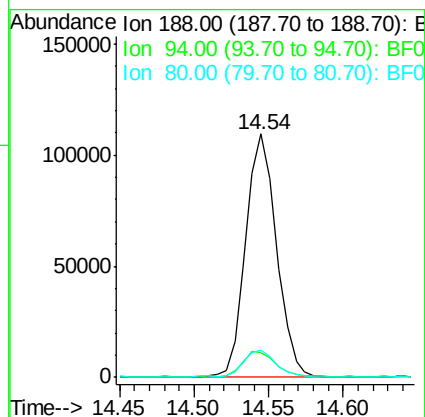
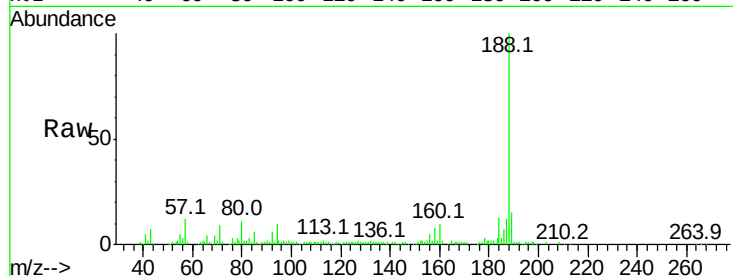




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

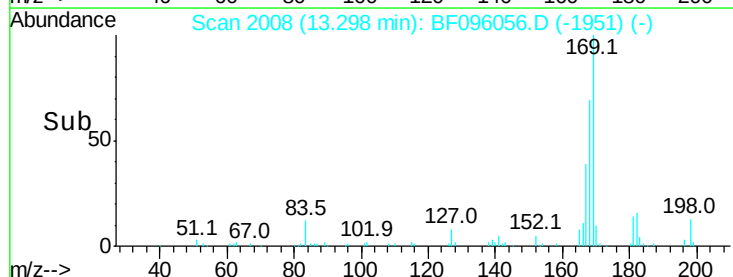
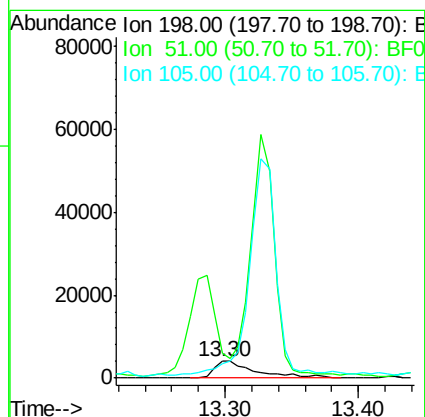
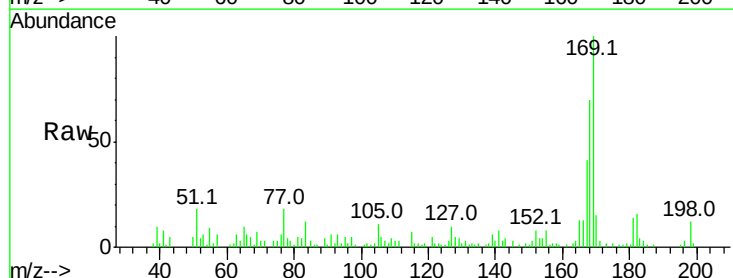
Instrument :
BNA_F
ClientSampleId :

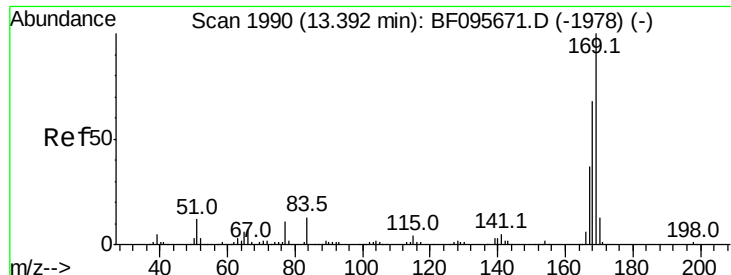
Tot Ion:188 Resp: 156560
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.69 ng
RT: 13.30 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:198 Resp: 8939
Ion Ratio Lower Upper
198 100
51 145.4 53.2 93.2#
105 87.3 45.8 85.8#

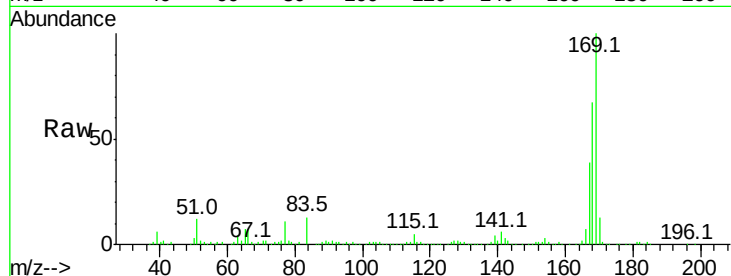




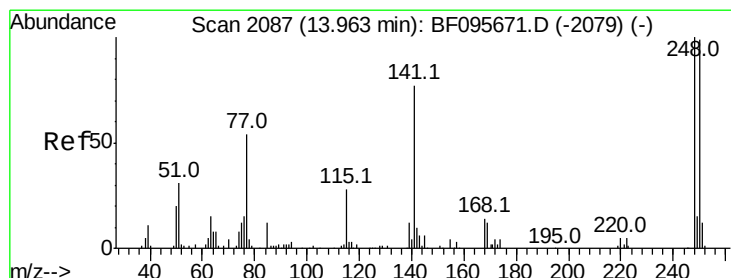
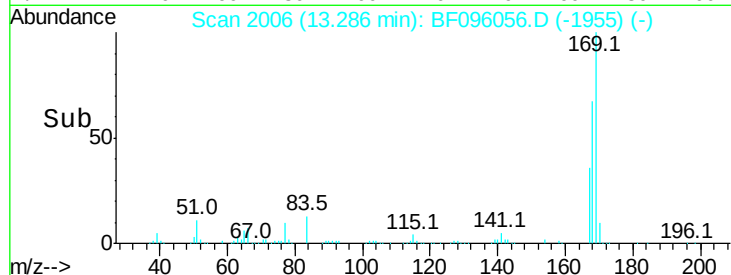
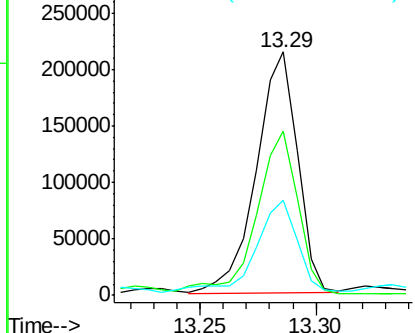
#65
n-Nitrosodiphenylamine
Concen: 47.09 ng
RT: 13.29 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Instrument :
BNA_F
ClientSampleID :

Tot Ion:169 Resp: 264936
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 39.3 29.5 44.3

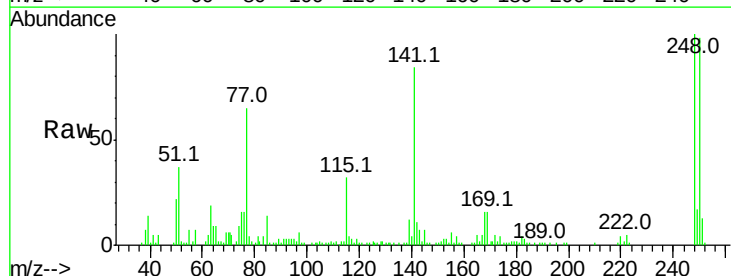


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

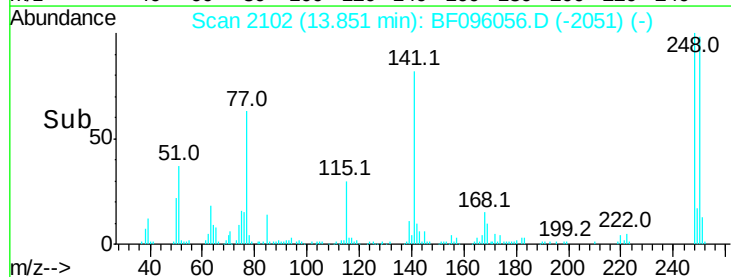
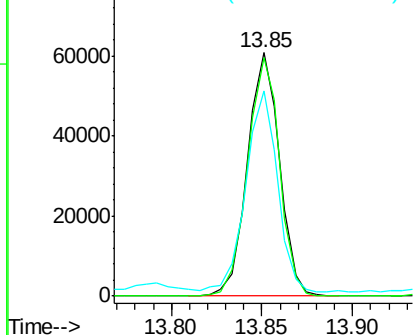


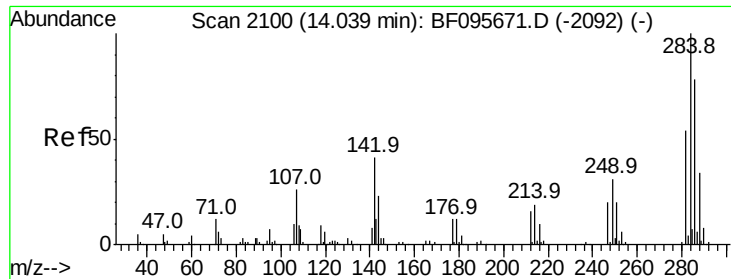
#66
4-Bromophenyl-phenylether
Concen: 45.88 ng
RT: 13.85 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:248 Resp: 74659
Ion Ratio Lower Upper
248 100
250 98.2 76.8 115.2
141 84.3 68.6 103.0



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

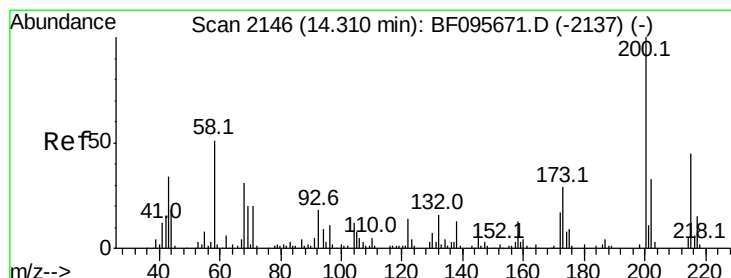
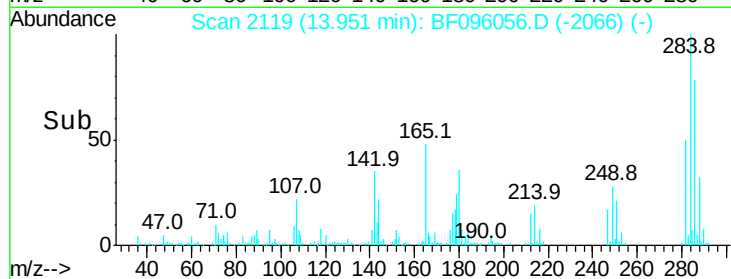
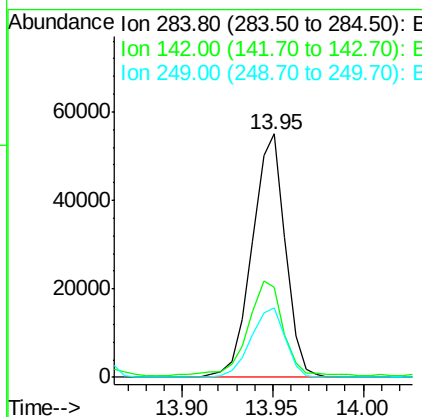
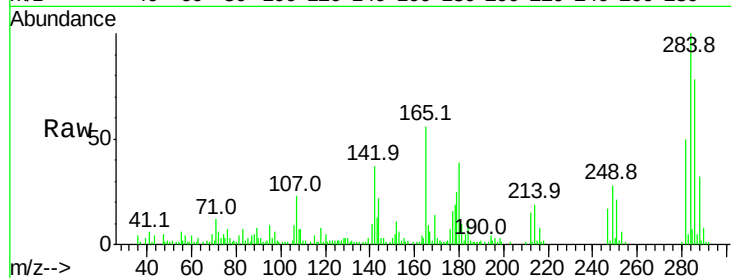




#67
Hexachlorobenzene
Concen: 43.60 ng
RT: 13.95 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

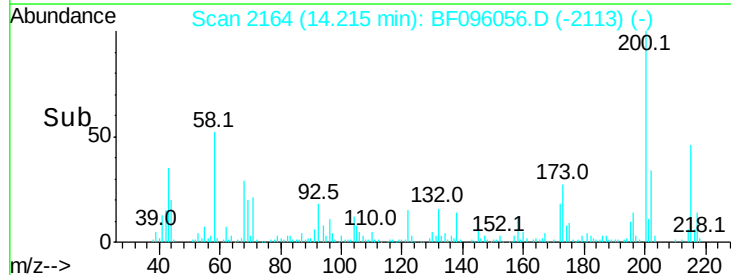
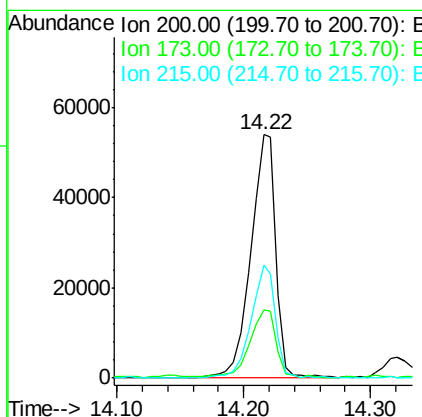
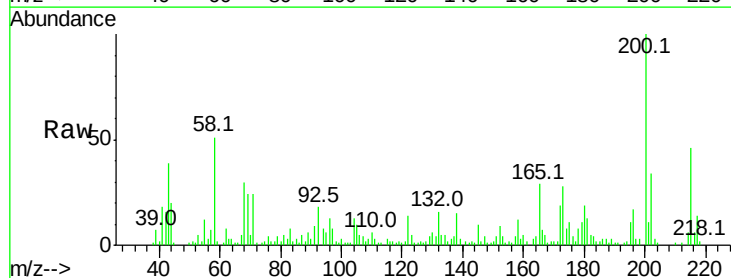
Instrument :
BNA_F
ClientSampleId :

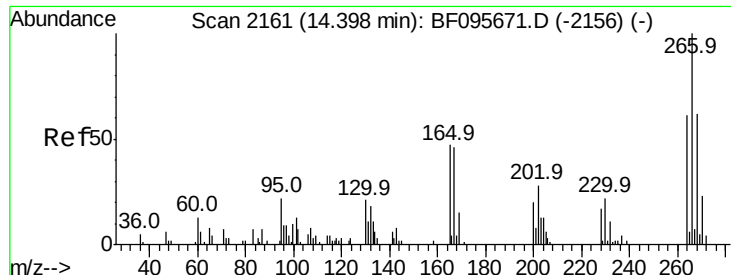
Tot Ion:284 Resp: 69900
Ion Ratio Lower Upper
284 100
142 36.8 22.8 34.2#
249 28.5 24.0 36.0



#68
Atrazine
Concen: 47.57 ng
RT: 14.22 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF096056.D
Acq: 20 Jun 2017 21:20

Tgt Ion:200 Resp: 74483
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 46.3 27.2 67.2

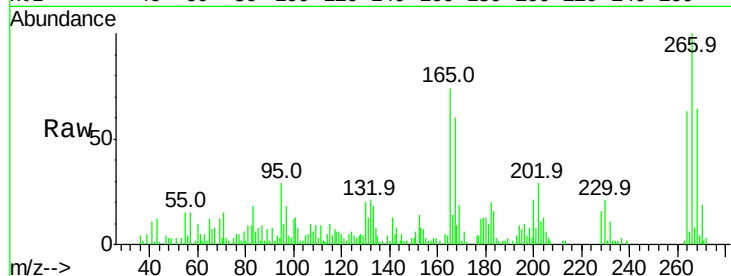




#69
 Pentachlorophenol
 Concen: 71.54 ng
 RT: 14.32 min Scan# 2182
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.6	51.7	77.5

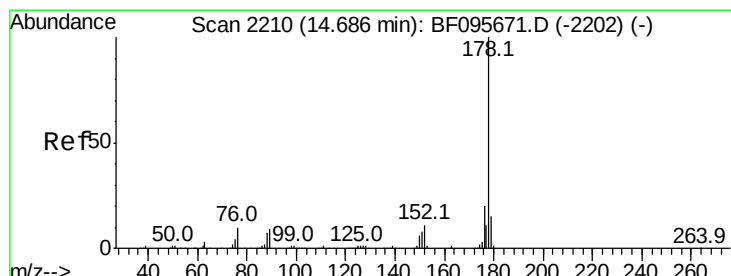
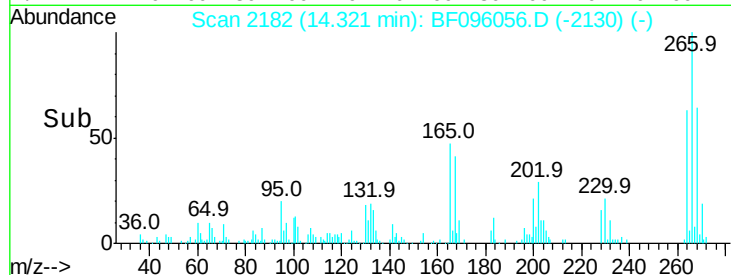
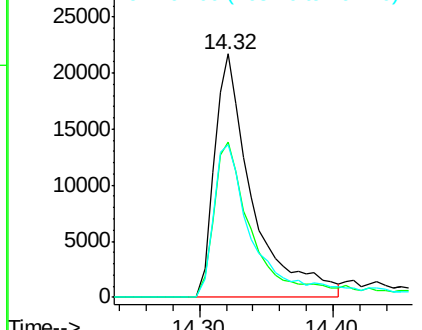


Abundance

Ion 265.70 (265.40 to 266.40): E

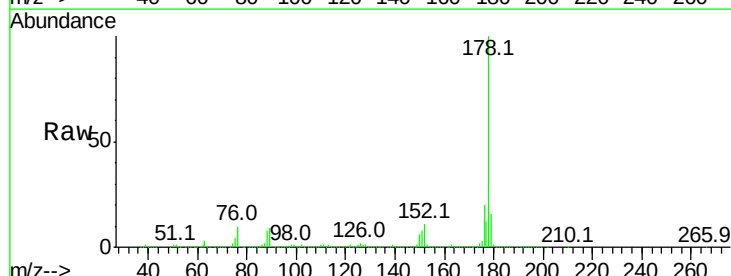
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 152.44 ng
 RT: 14.60 min Scan# 2229
 Delta R.T. 0.02 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.8	12.6	19.0

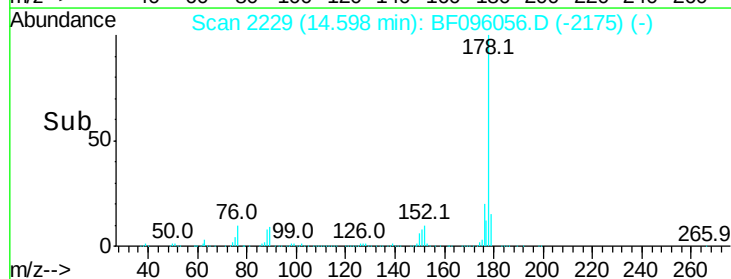
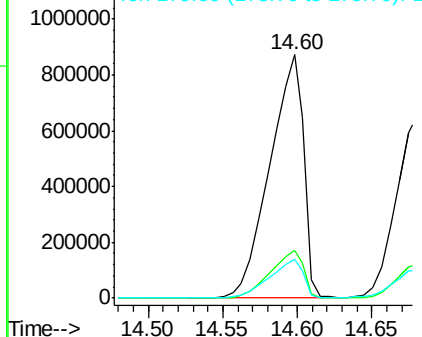


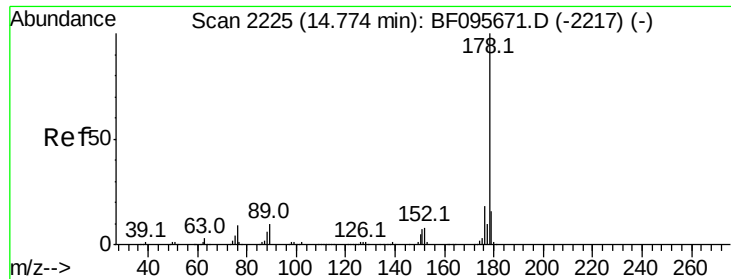
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

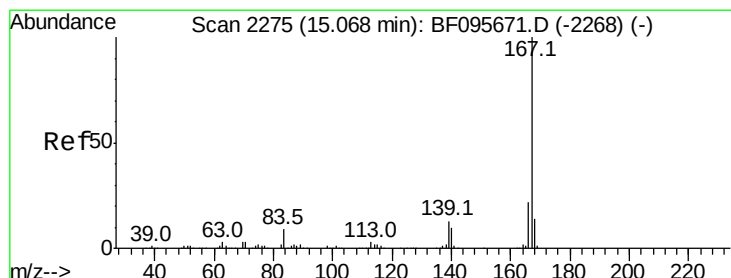
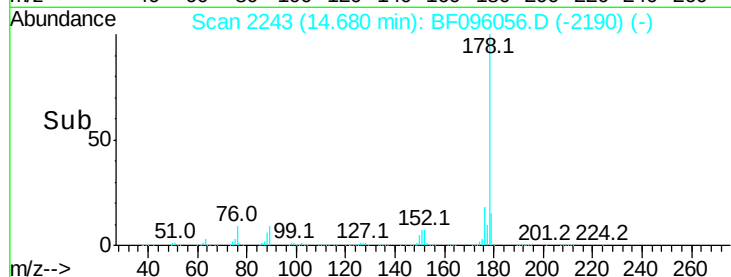
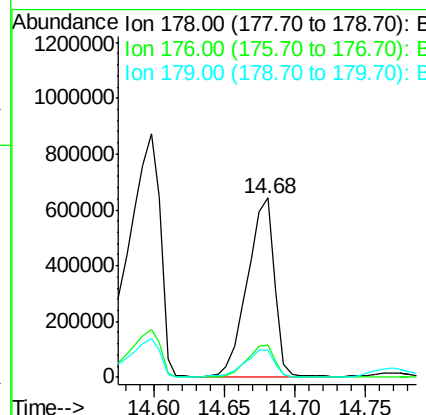
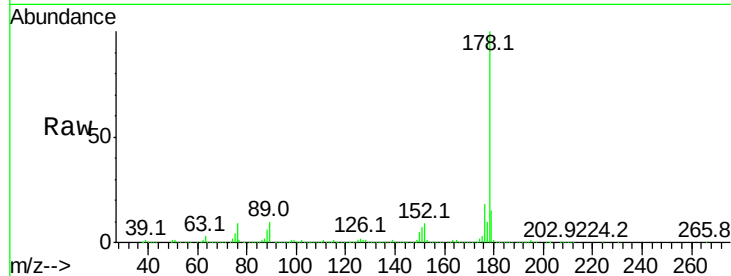




#71
 Anthracene
 Concen: 91.20 ng
 RT: 14.68 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

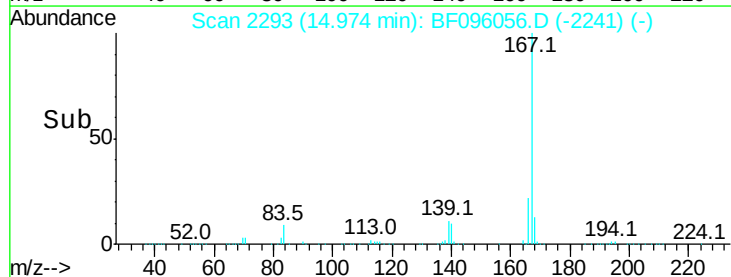
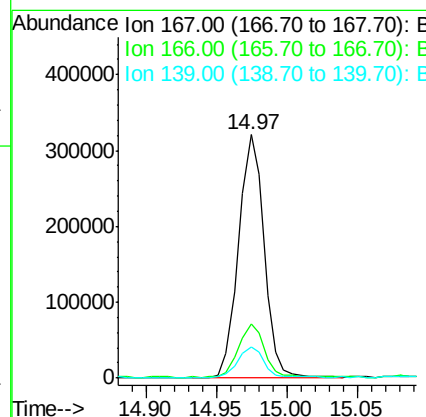
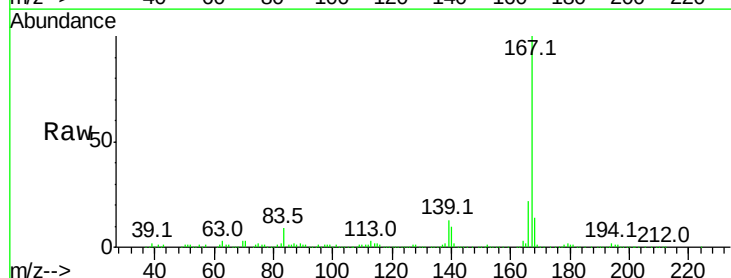
Instrument :
 BNA_F
 ClientSampled :

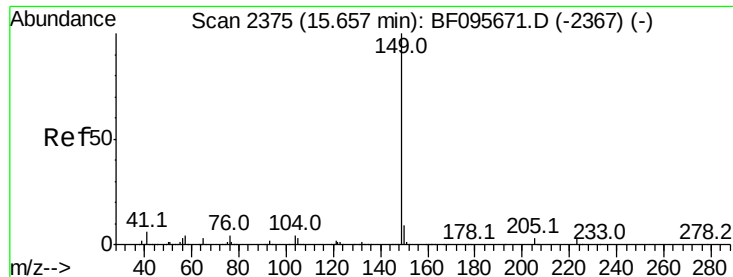
Tot Ion:178 Resp: 860055
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.88 ng
 RT: 14.97 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:167 Resp: 403270
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.64 ng

RT: 15.57 min Scan# 2394

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampled :

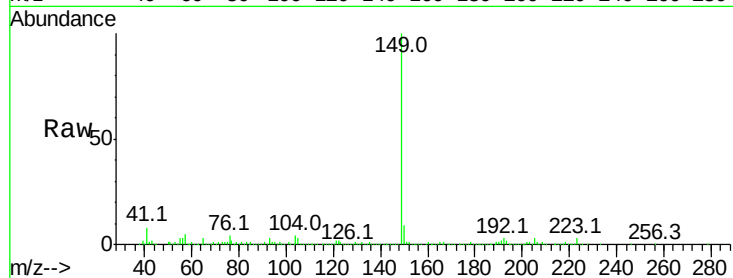
Tot Ion:149 Resp: 455990

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

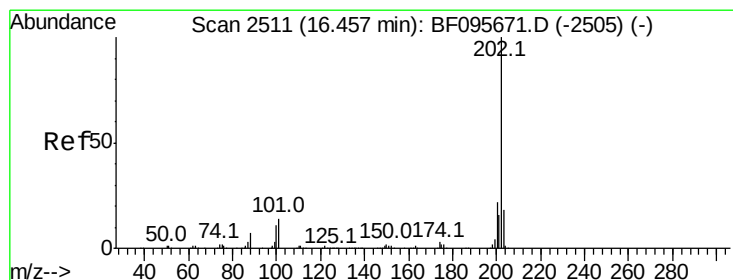
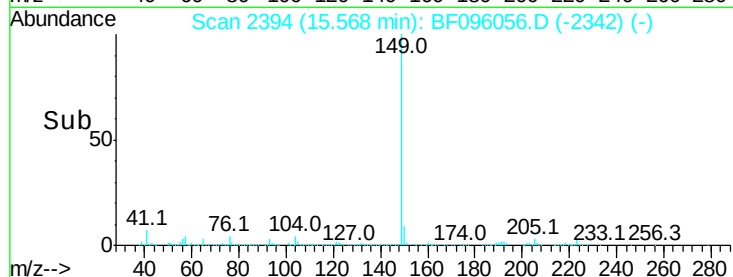
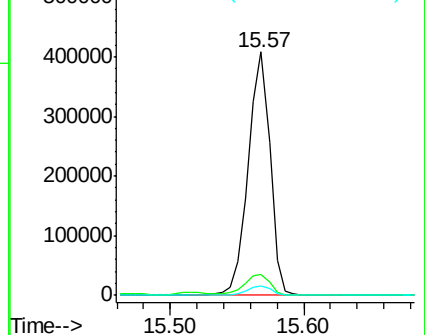
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 172.55 ng

RT: 16.40 min Scan# 2535

Delta R.T. 0.03 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

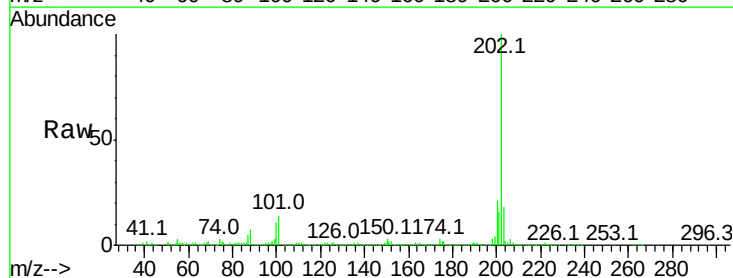
Tgt Ion:202 Resp: 1542763

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

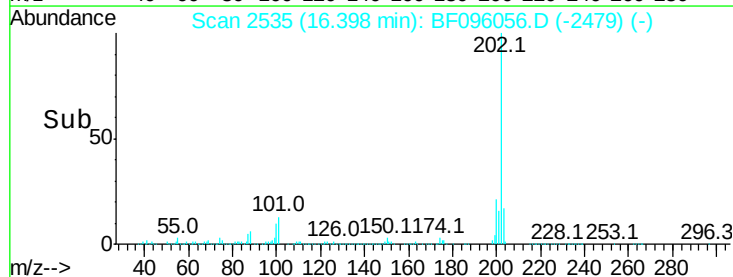
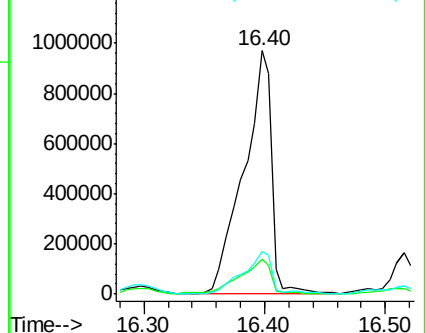
203 17.7 0.0 38.1

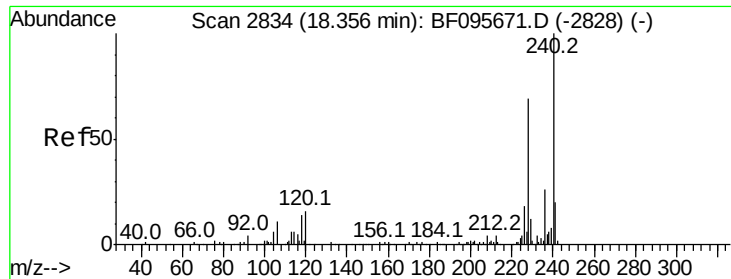


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.30 min Scan# 2858

Delta R.T. 0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampled :

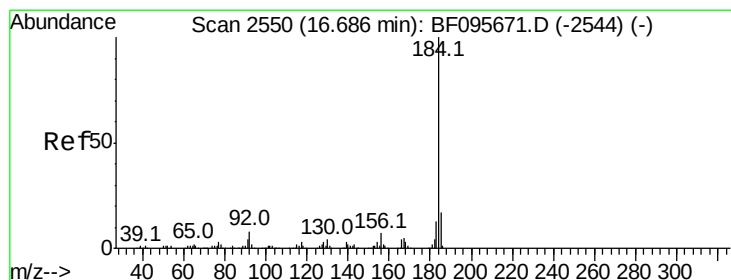
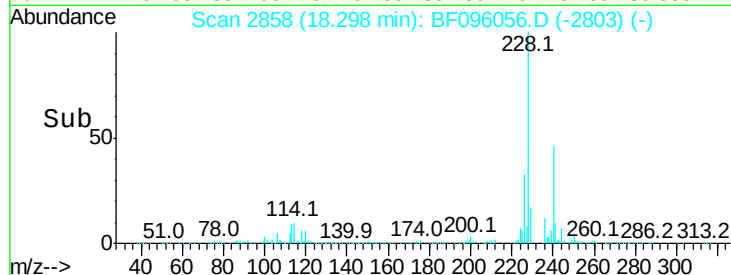
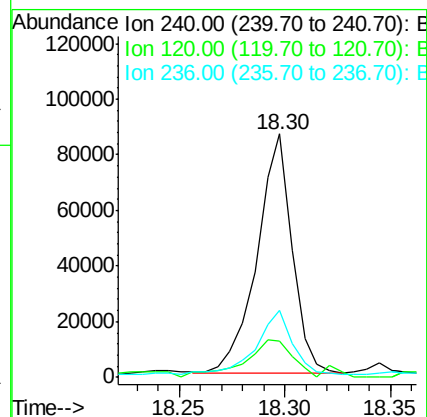
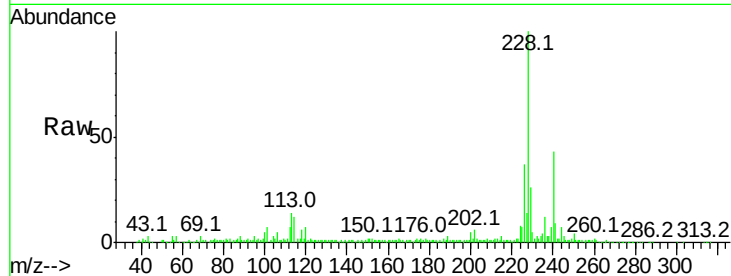
Tot Ion:240 Resp: 99446

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

236 27.3 20.5 30.7



#76

Benzidine

Concen: 2.34 ng

RT: 16.64 min Scan# 2576

Delta R.T. 0.04 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

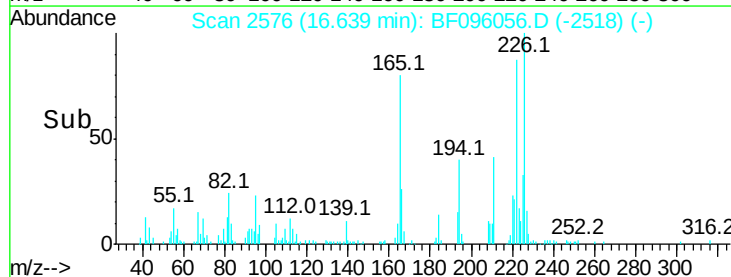
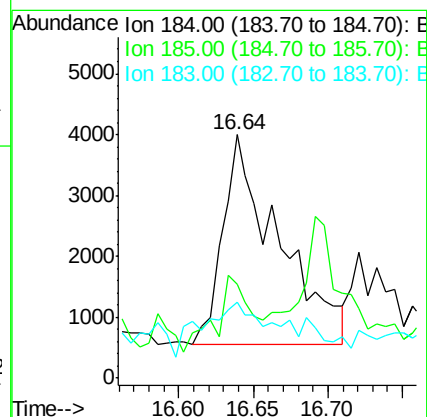
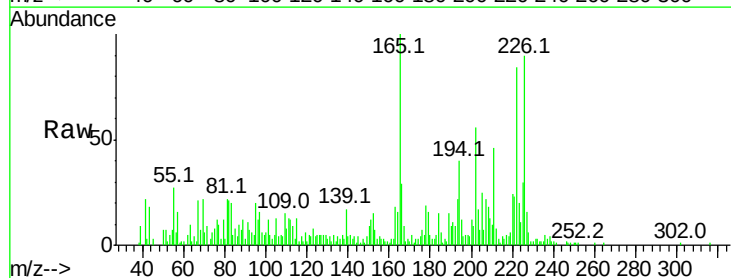
Tgt Ion:184 Resp: 8929

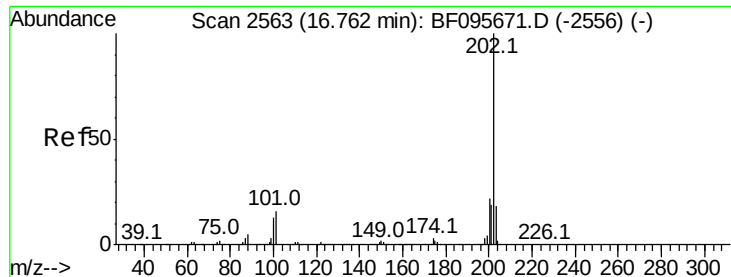
Ion Ratio Lower Upper

184 100

185 38.3 15.5 23.3#

183 31.0 9.8 14.6#





#77

Pvrene

Concen: 280.78 ng

RT: 16.71 min Scan# 2588

Delta R.T. 0.04 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

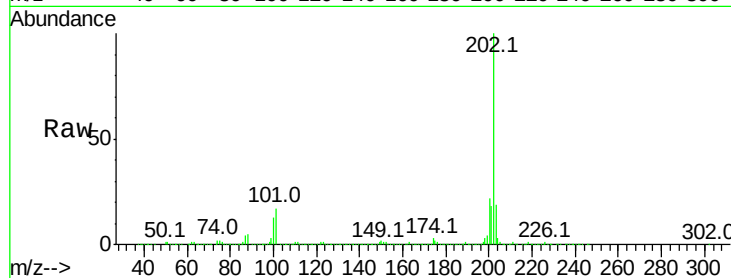
Tot Ion:202 Resp: 2083440

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

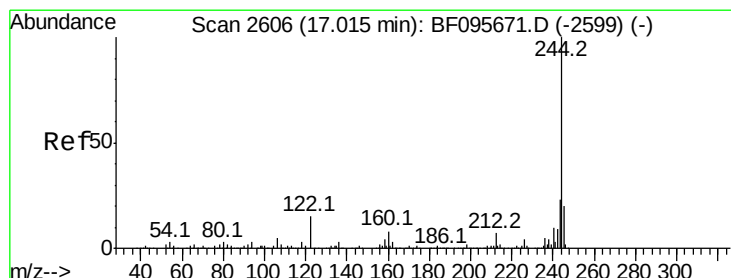
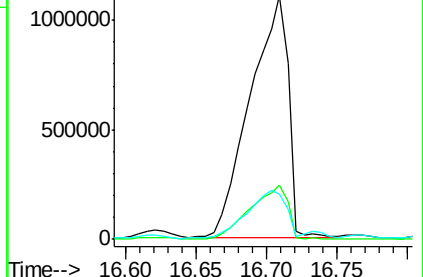
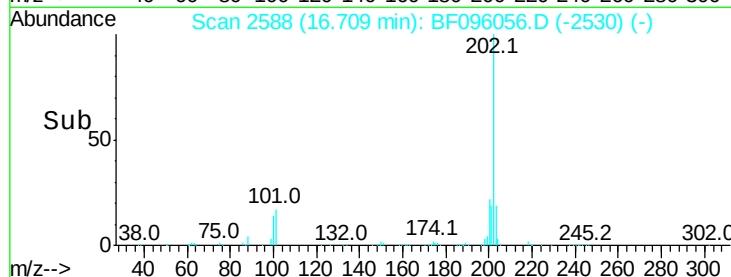
203 18.8 14.4 21.6



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: 109.71 ng

RT: 16.94 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

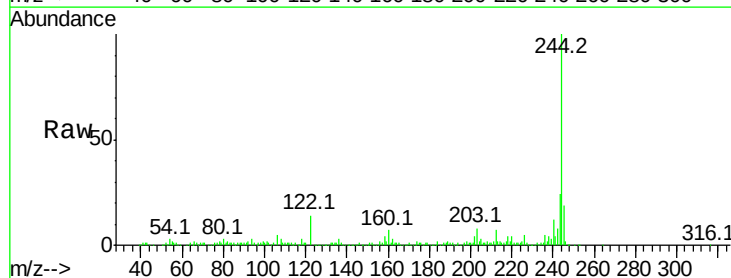
Tgt Ion:244 Resp: 439615

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

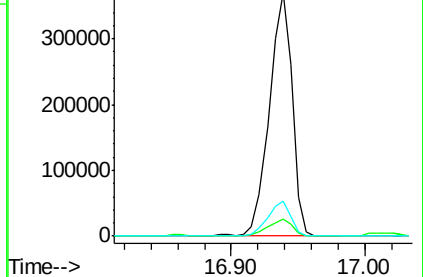
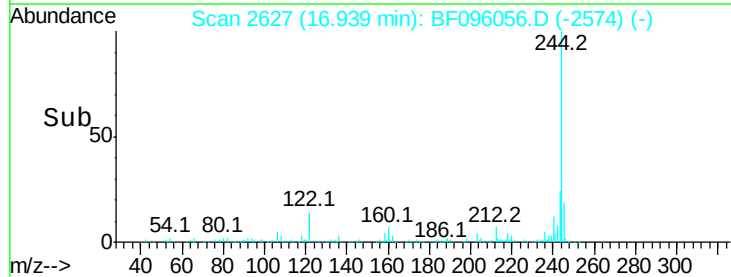
122 14.3 10.3 15.5

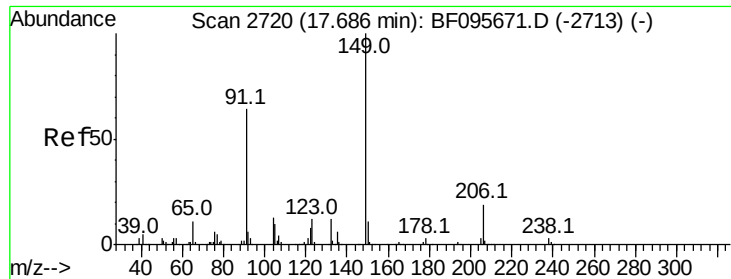


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.51 ng

RT: 17.61 min Scan# 2741

Delta R.T. 0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

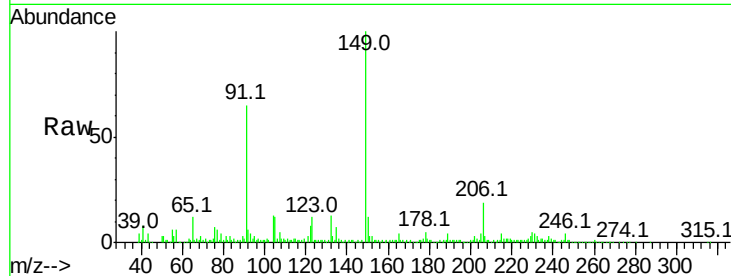
Tot Ion:149 Resp: 183127

Ion Ratio Lower Upper

149 100

91 65.2 45.0 67.4

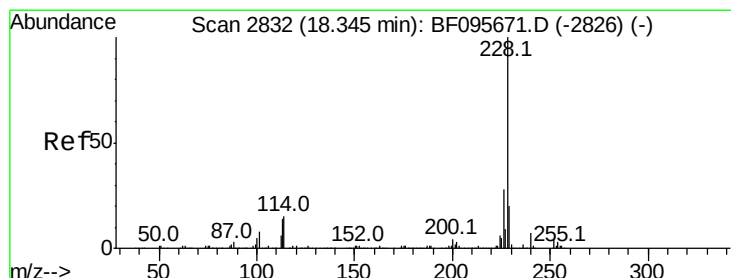
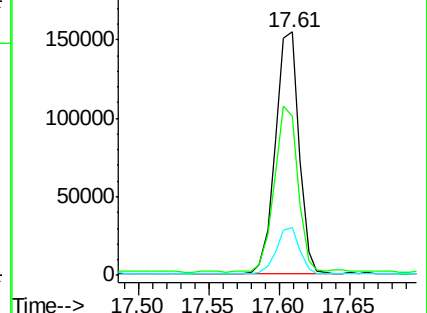
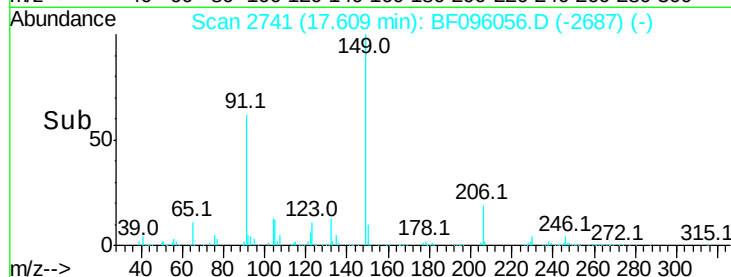
206 19.4 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 171.35 ng

RT: 18.29 min Scan# 2856

Delta R.T. 0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

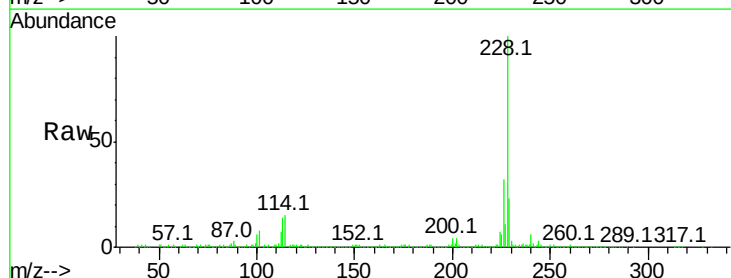
Tgt Ion:228 Resp: 990713

Ion Ratio Lower Upper

228 100

226 32.2 22.6 33.8

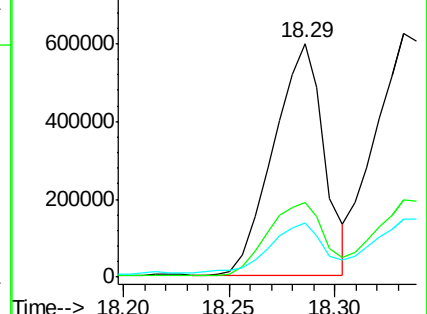
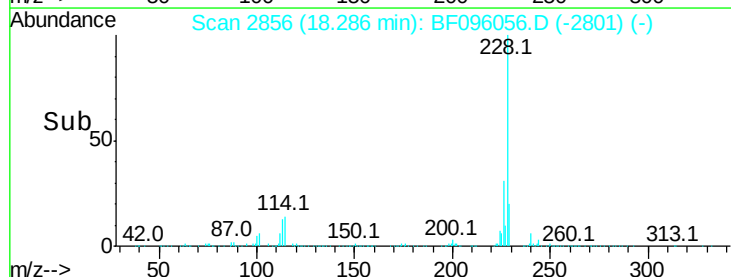
229 22.9 16.3 24.5

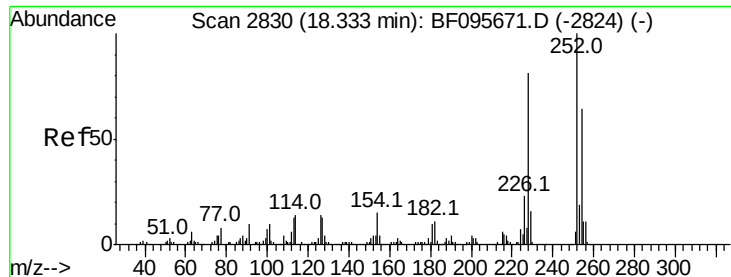


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 28.09 ng

RT: 18.27 min Scan# 2853

Delta R.T. 0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

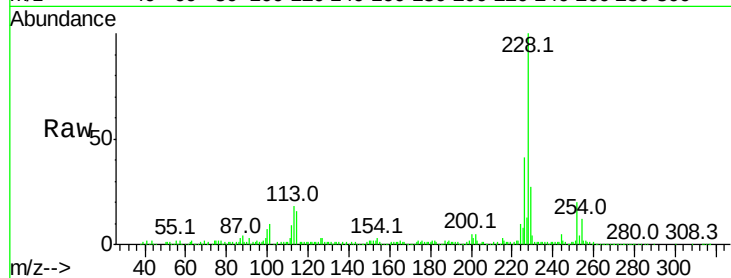
Tot Ion:252 Resp: 57734

Ion Ratio Lower Upper

252 100

254 62.0 51.5 77.3

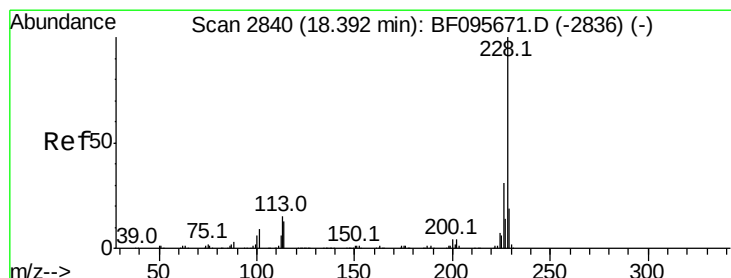
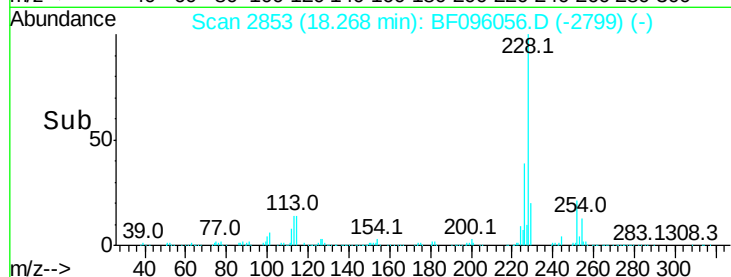
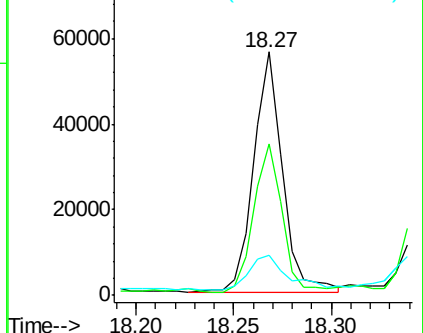
126 16.4 15.8 23.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 171.46 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

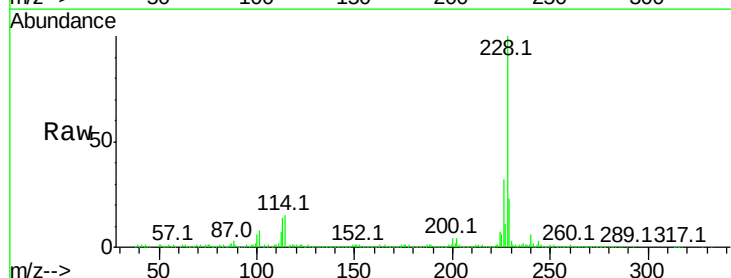
Tgt Ion:228 Resp: 990713

Ion Ratio Lower Upper

228 100

226 32.2 24.9 37.3

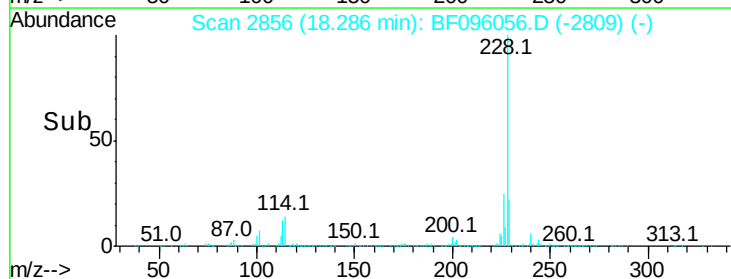
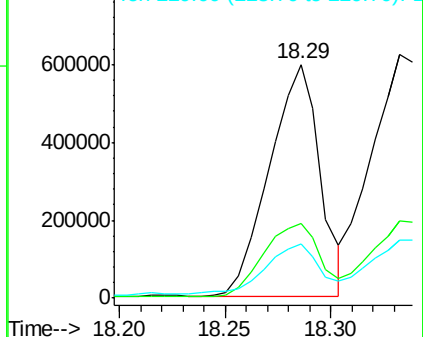
229 22.9 15.8 23.6

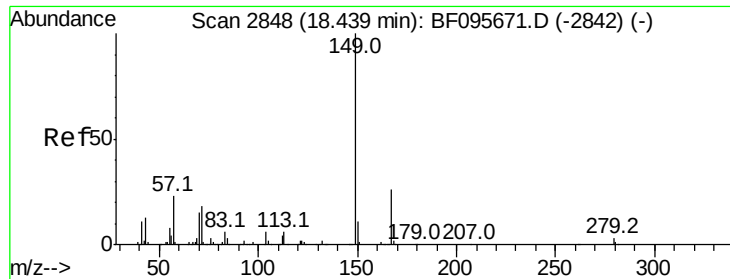


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

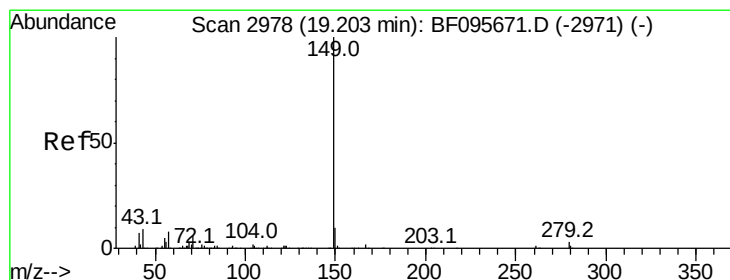
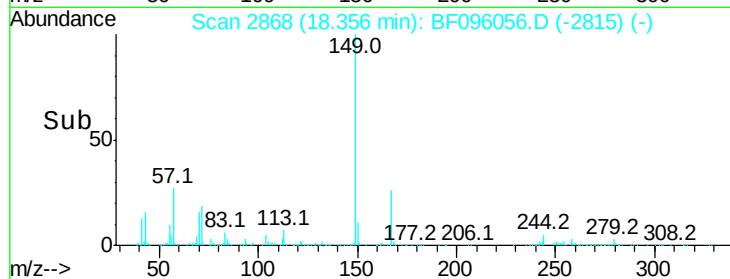
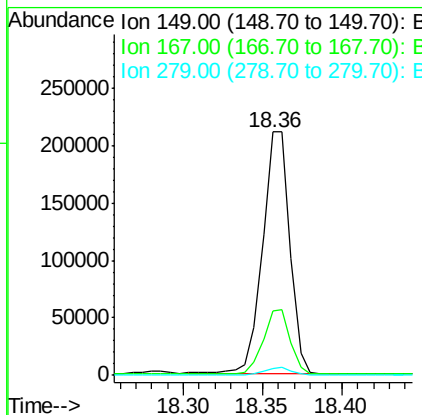
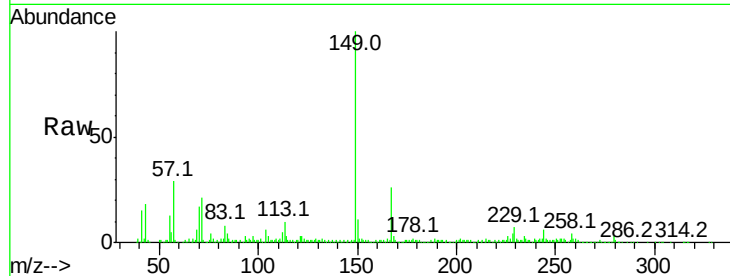




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.37 ng
 RT: 18.36 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

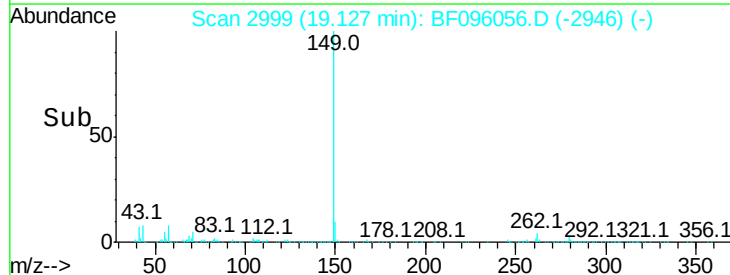
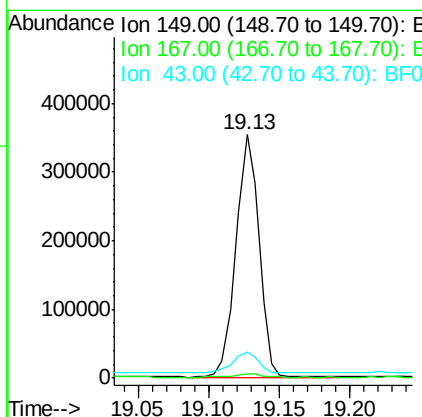
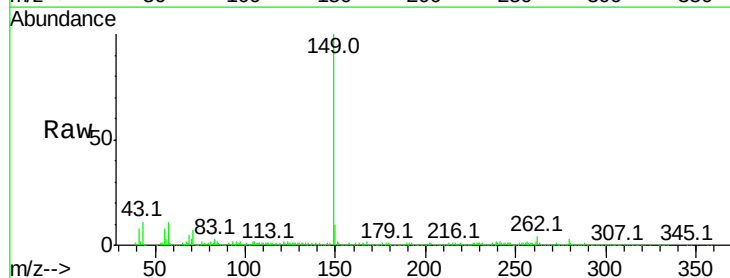
Instrument :
 BNA_F
 ClientSampled :

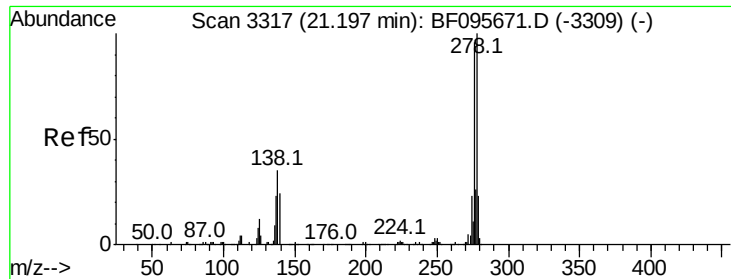
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.53 ng
 RT: 19.13 min Scan# 2999
 Delta R.T. 0.01 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.2	1.8#
43	10.0	8.5	12.7

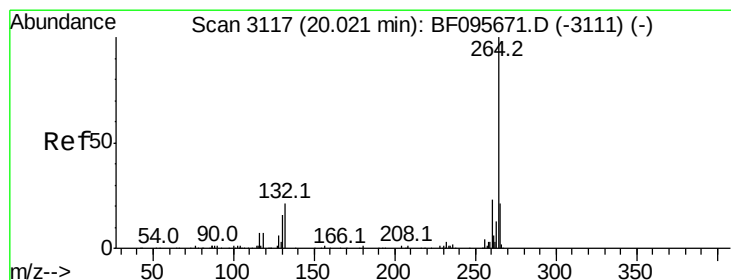
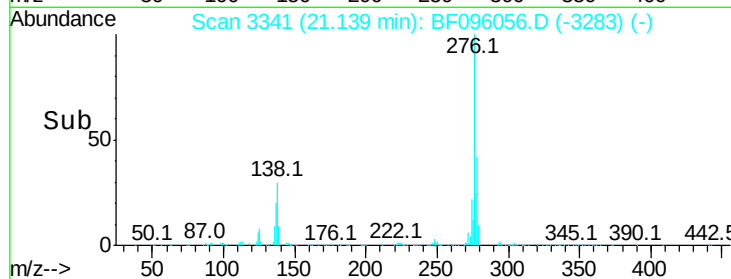
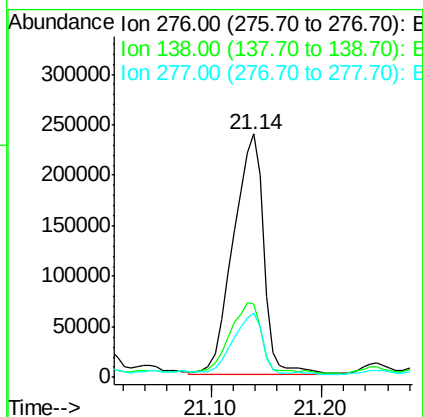
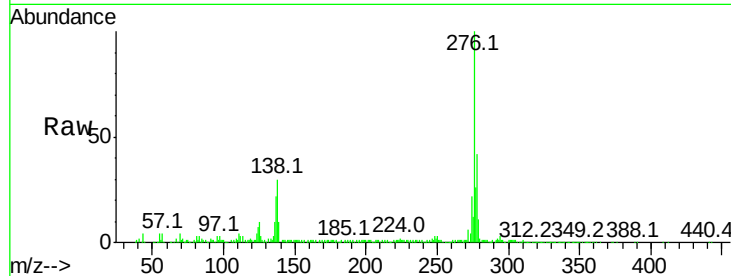




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 93.40 ng
 RT: 21.14 min Scan# 3341
 Delta R.T. 0.04 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

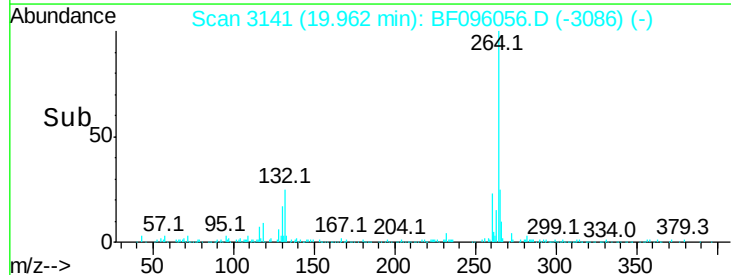
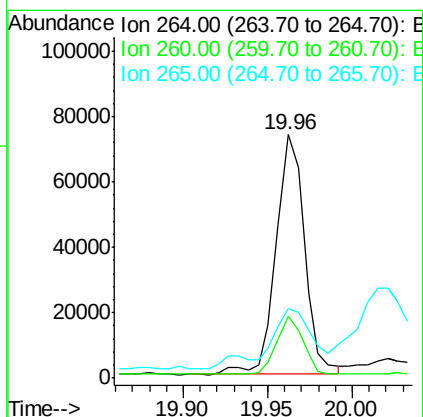
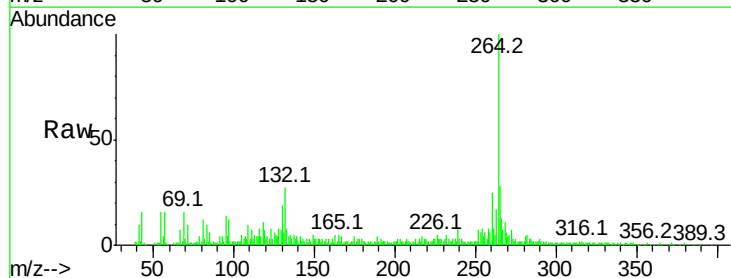
Instrument :
 BNA_F
 ClientSampleId :

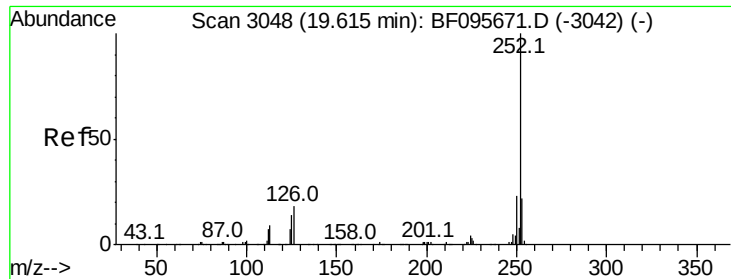
Tot Ion:276 Resp: 461755
 Ion Ratio Lower Upper
 276 100
 138 31.9 27.8 41.6
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3141
 Delta R.T. 0.02 min
 Lab File: BF096056.D
 Acq: 20 Jun 2017 21:20

Tgt Ion:264 Resp: 85849
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 28.5 17.2 25.8#





#87

Benzo(b)fluoranthene

Concen: 223.15 ng

RT: 19.57 min Scan# 3074

Delta R.T. 0.03 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

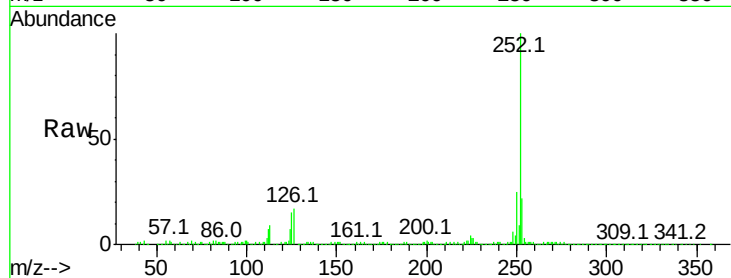
Tot Ion:252 Resp: 1199573

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

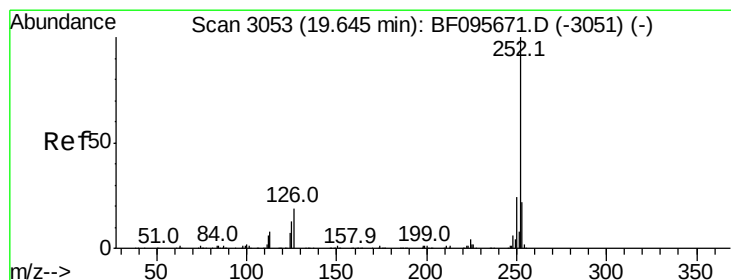
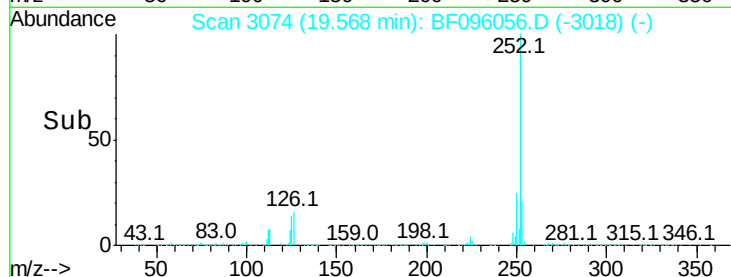
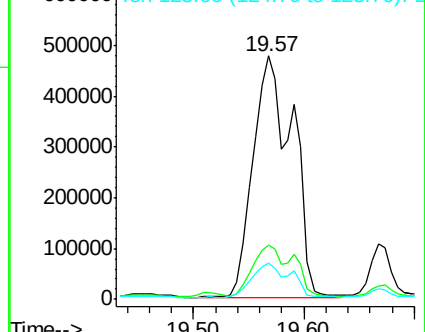
125 14.9 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 233.46 ng

RT: 19.57 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

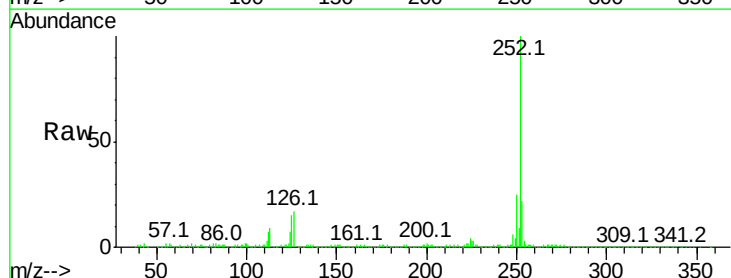
Tgt Ion:252 Resp: 1199573

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

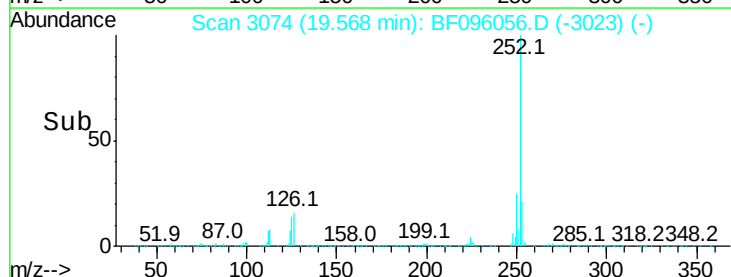
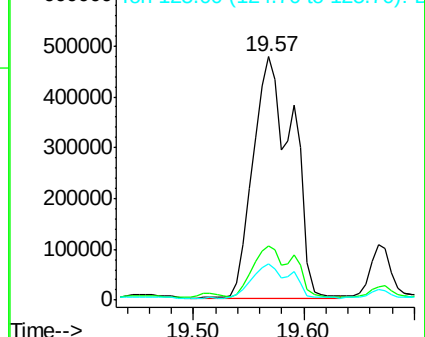
125 14.9 13.1 19.7

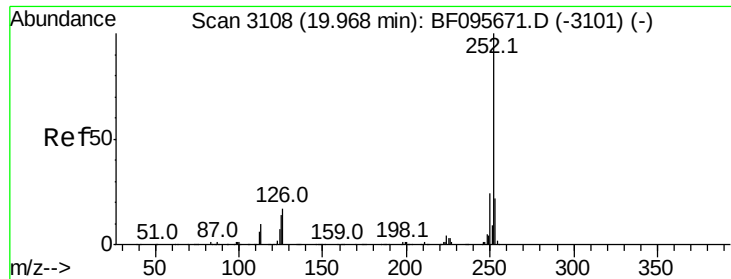


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 136.09 ng

RT: 19.92 min Scan# 3133

Delta R.T. 0.03 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

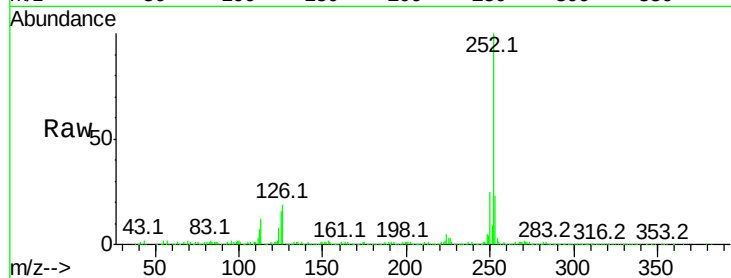
Tot Ion:252 Resp: 672393

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

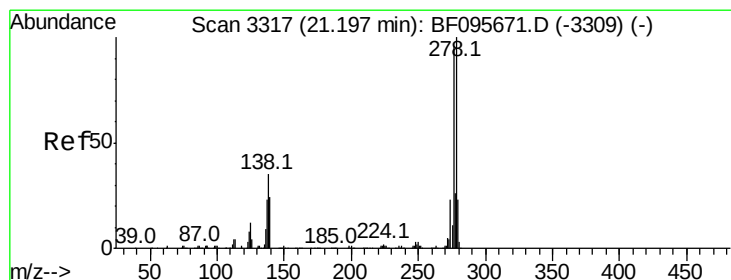
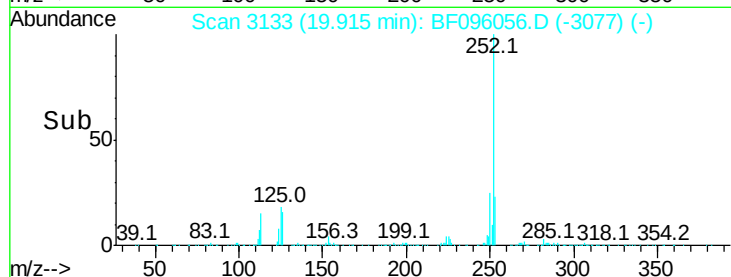
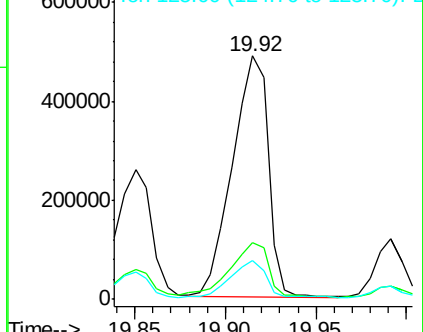
125 16.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 63.81 ng

RT: 21.13 min Scan# 3340

Delta R.T. 0.04 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

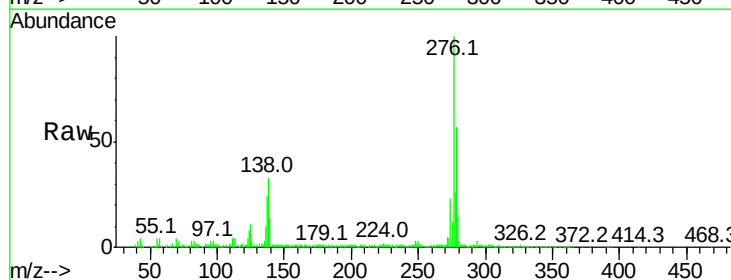
Tgt Ion:278 Resp: 267450

Ion Ratio Lower Upper

278 100

139 23.9 16.6 24.8

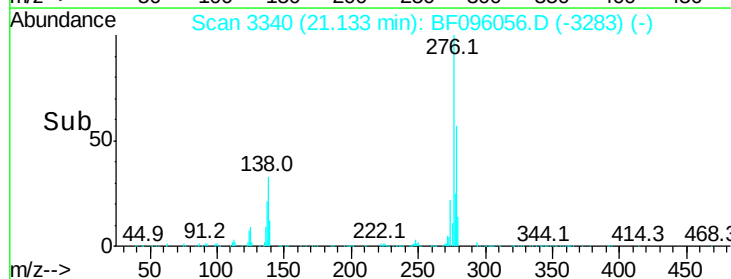
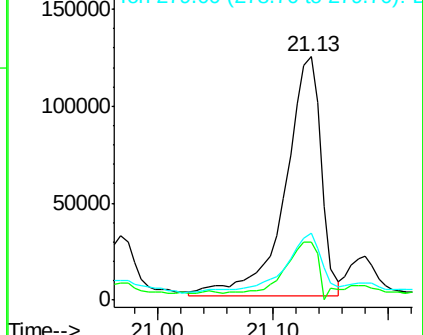
279 27.4 19.3 28.9

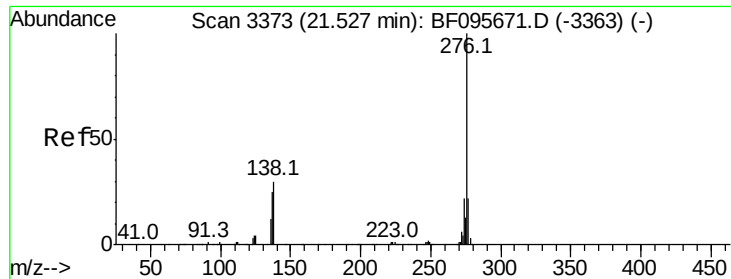


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 101.98 ng

RT: 21.47 min Scan# 3397

Delta R.T. 0.05 min

Lab File: BF096056.D

Acq: 20 Jun 2017 21:20

Instrument :

BNA_F

ClientSampleId :

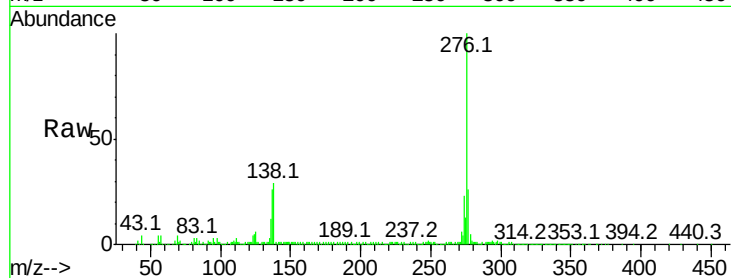
Tot Ion:276 Resp: 435744

Ion Ratio Lower Upper

276 100

277 26.1 18.6 28.0

138 29.0 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

