

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096111.D
 Acq On : 22 Jun 2017 7:29
 Operator : SJ/MA
 Sample : I3747-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 10:46:19 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	87021	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	349915	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	111091	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	180820	20.00	ng	0.00
75) Chrysene-d12	18.27	240	145267	20.00	ng	0.00
86) Perylene-d12	19.94	264	100822	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	748195	137.00	ng	0.01
7) Phenol-d6	6.88	99	893350	136.64	ng	0.00
23) Nitrobenzene-d5	8.22	82	481879	85.53	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	123534	125.68	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	735770	92.17	ng	0.00
78) Terphenyl-d14	16.92	244	532175	90.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.65	88	97850	37.66	ng	93
3) Pyridine	2.19	79	220675	36.14	ng	95
4) n-Nitrosodimethylamine	2.16	42	92113	39.68	ng	82
6) Aniline	6.80	93	122470	14.32	ng	95
8) 2-Chlorophenol	6.98	128	259146	44.63	ng	95
9) Benzaldehyde	6.62	77	67399	15.28	ng	100
10) Phenol	6.89	94	338587	49.92	ng	92
11) bis(2-Chloroethyl)ether	6.94	93	237629	44.23	ng	97
12) 1,3-Dichlorobenzene	7.19	146	233621	35.55	ng	99
13) 1,4-Dichlorobenzene	7.32	146	251028	37.66	ng	96
14) 1,2-Dichlorobenzene	7.55	146	216764	35.28	ng	96
15) Benzyl Alcohol	7.61	79	201025	44.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.80	45	287623	38.10	ng	96
17) 2-Methylphenol	7.85	107	209693	43.03	ng	93
18) Hexachloroethane	8.06	117	51139	23.23	ng	# 84
19) n-Nitroso-di-n-propylamine	8.03	70	159602	38.52	ng	94
20) 3+4-Methylphenols	8.12	107	271055	43.82	ng	# 59
22) Acetophenone	7.99	105	316193	38.61	ng	# 84
24) Nitrobenzene	8.25	77	224255	37.26	ng	94
25) Isophorone	8.65	82	438263	41.66	ng	96
26) 2-Nitrophenol	8.76	139	84188	26.71	ng	100
27) 2,4-Dimethylphenol	8.92	122	216512	44.27	ng	97
28) bis(2-Chloroethoxy)methane	9.03	93	300515	43.33	ng	99
29) 2,4-Dichlorophenol	9.20	162	179129	38.03	ng	96
30) 1,2,4-Trichlorobenzene	9.26	180	178621	36.44	ng	99
31) Naphthalene	9.36	128	664722	37.85	ng	100
32) Benzoic acid	9.24	122	16262	9.87	ng	# 14
33) 4-Chloroaniline	9.53	127	53871	7.85	ng	95
34) Hexachlorobutadiene	9.57	225	75445	29.79	ng	97
35) Caprolactam	10.13	113	44423	31.69	ng	90
36) 4-Chloro-3-methylphenol	10.41	107	162056	32.87	ng	88
37) 2-Methylnaphthalene	10.49	142	368849	31.09	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	134111	40.34	ng	99
42) 2,4,6-Trichlorophenol	11.01	196	90366	42.27	ng	94

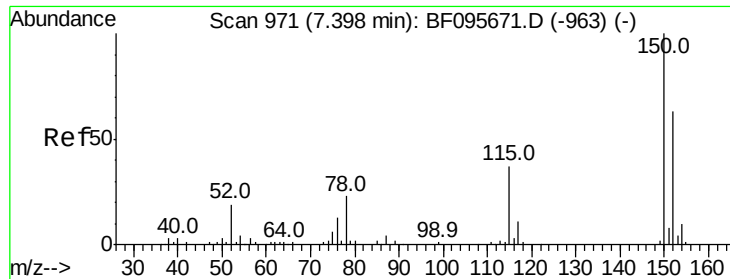
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096111.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.12	196	91304	40.16	nq	# 93
45) 1,1'-Biphenyl	11.25	154	385755	42.13	nq	97
46) 2-Chloronaphthalene	11.27	162	291270	40.71	nq	95
47) 2-Nitroaniline	11.50	65	96926	46.30	nq	# 81
48) Acenaphthylene	11.92	152	436025	35.64	nq	99
49) Dimethylphthalate	11.82	163	613735	72.76	nq	98
50) 2,6-Dinitrotoluene	11.91	165	65635	35.68	nq	# 69
51) Acenaphthene	12.20	154	260158	36.82	nq	98
52) 3-Nitroaniline	12.18	138	75483	35.21	nq	# 83
54) Dibenzofuran	12.49	168	394336	39.66	nq	99
55) 4-Nitrophenol	12.66	139	50417	42.58	nq	# 78
56) 2,4-Dinitrotoluene	12.59	165	82721	33.29	nq	89
57) Fluorene	13.04	166	304460	35.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.75	232	59632	38.33	nq	# 89
59) Diethylphthalate	12.95	149	337954	41.63	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	140319	37.29	nq	89
61) 4-Nitroaniline	13.18	138	95878	47.91	nq	96
62) Azobenzene	13.32	77	281732	38.30	nq	95
65) n-Nitrosodiphenylamine	13.28	169	271942	41.85	nq	99
66) 4-Bromophenyl-phenylether	13.84	248	73926	39.34	nq	99
67) Hexachlorobenzene	13.93	284	72230	39.01	nq	# 88
68) Atrazine	14.20	200	73633	40.72	nq	96
69) Pentachlorophenol	14.32	266	26101	40.71	nq	94
70) Phenanthrene	14.57	178	422034	40.45	nq	99
71) Anthracene	14.66	178	421648	38.71	nq	98
72) Carbazole	14.97	167	424930	40.03	nq	96
73) Di-n-butylphthalate	15.56	149	484647	42.92	nq	98
74) Fluoranthene	16.36	202	461819	44.72	nq	98
76) Benzidine	16.60	184	157736	28.27	nq	# 92
77) Pyrene	16.67	202	471124	43.47	nq	98
79) Butylbenzylphthalate	17.59	149	215822	45.59	nq	88
80) Benzo(a)anthracene	18.26	228	341983	40.49	nq	98
81) 3,3'-Dichlorobenzidine	18.24	252	84676	28.20	nq	# 97
82) Chrysene	18.30	228	325672	38.58	nq	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	308699	46.23	nq	# 100
84) Di-n-octyl phthalate	19.11	149	500233	45.46	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	222852	30.86	nq	99
87) Benzo(b)fluoranthene	19.54	252	261303	41.39	nq	98
88) Benzo(k)fluoranthene	19.56	252	241199	39.97	nq	96
89) Benzo(a)pyrene	19.89	252	228558	39.39	nq	98
90) Dibenzo(a,h)anthracene	21.10	278	186534	37.90	nq	98
91) Benzo(g,h,i)perylene	21.43	276	183643	36.60	nq	99

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

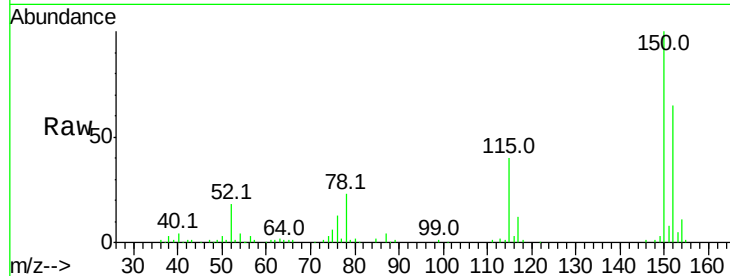


#1

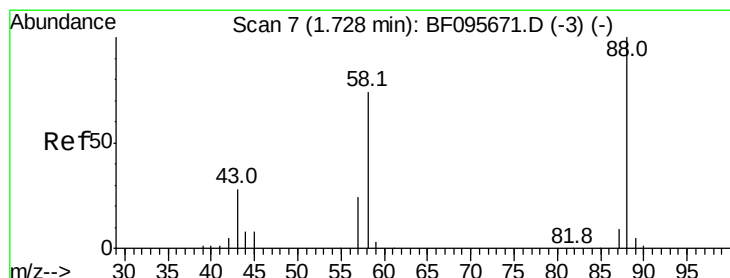
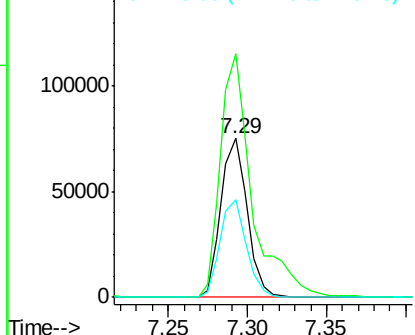
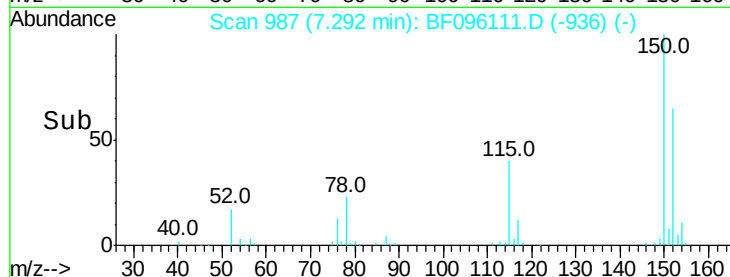
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87021
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 61.4 52.2 78.2



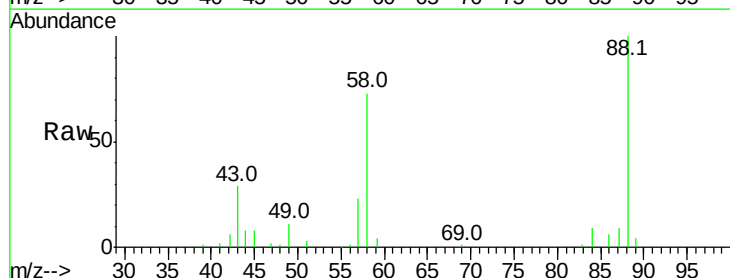
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



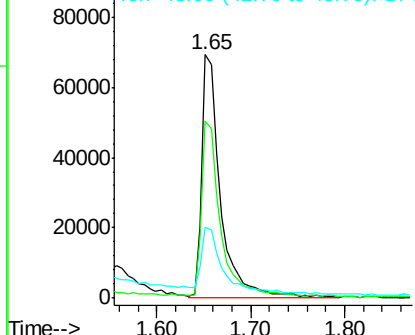
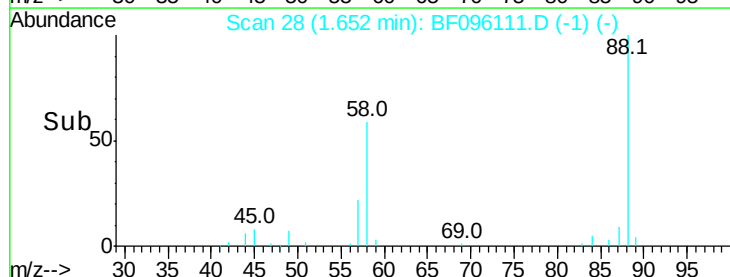
#2

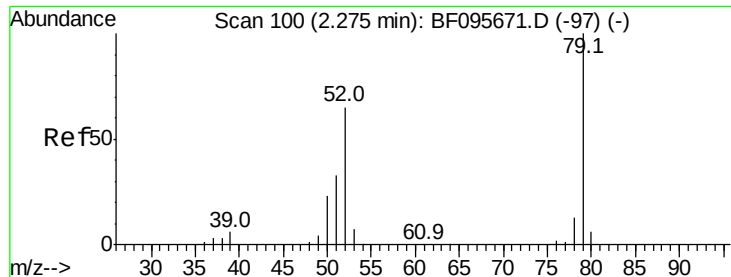
1,4-Dioxane
Concen: 37.66 ng
RT: 1.65 min Scan# 28
Delta R.T. 0.04 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 88 Resp: 97850
Ion Ratio Lower Upper
88 100
58 69.7 61.4 92.0
43 31.5 23.4 35.0



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





#3

Pvridine

Concen: 36.14 ng

RT: 2.19 min Scan# 119

Delta R.T. 0.05 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

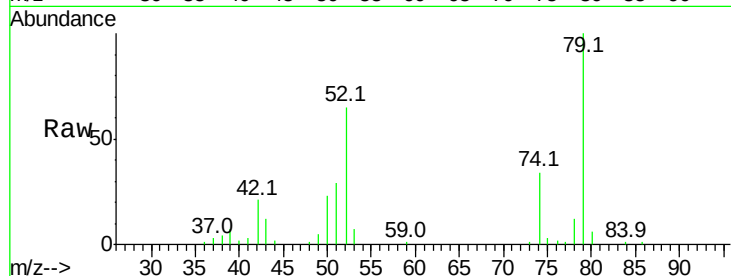
Tot Ion: 79 Resp: 220675

Ion Ratio Lower Upper

79 100

52 65.0 54.8 82.2

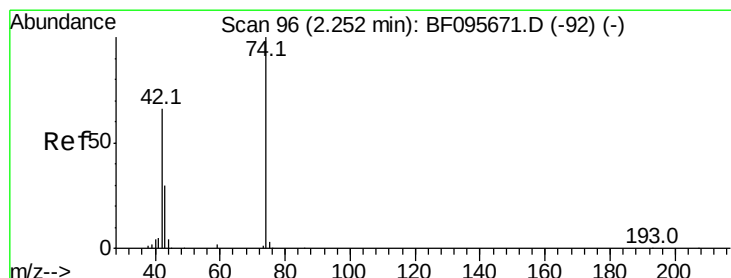
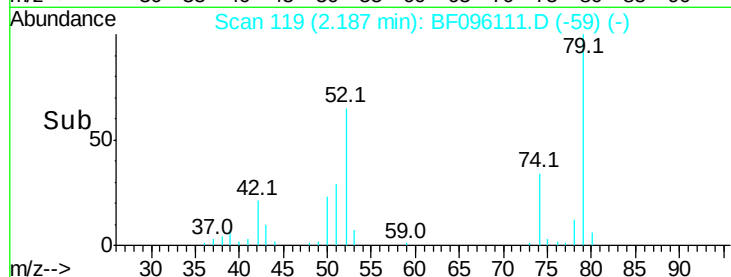
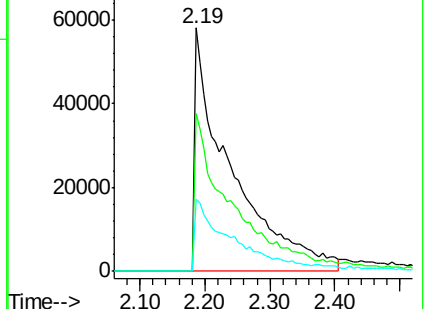
51 29.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.68 ng

RT: 2.16 min Scan# 114

Delta R.T. 0.04 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

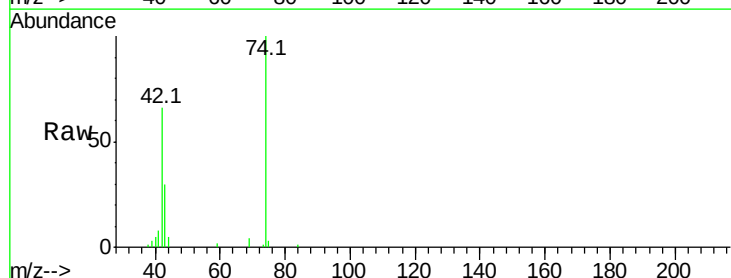
Tgt Ion: 42 Resp: 92113

Ion Ratio Lower Upper

42 100

74 152.1 103.9 155.9

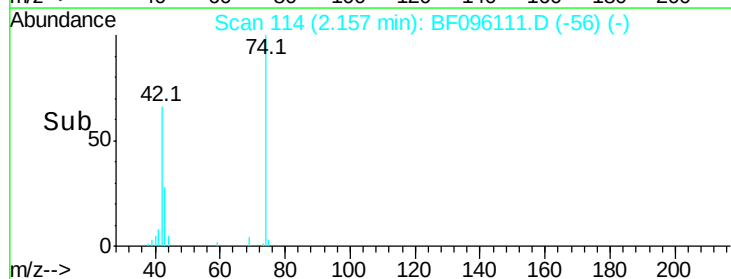
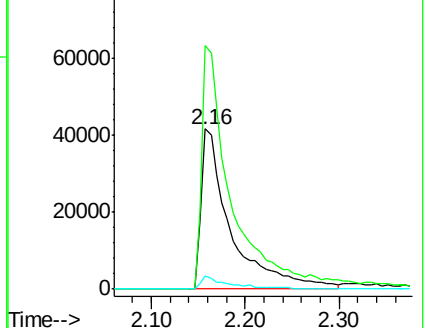
44 7.9 5.7 8.5

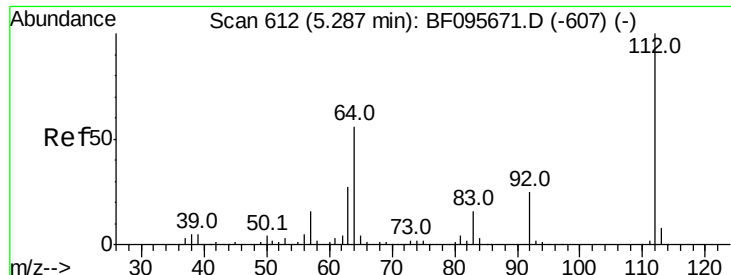


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.00 ng

RT: 5.19 min Scan# 630

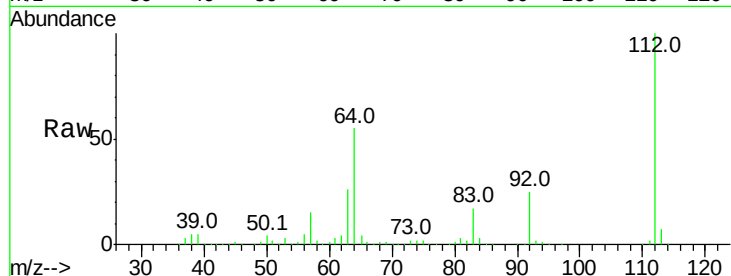
Delta R.T. 0.01 min

Lab File: BF096111.D

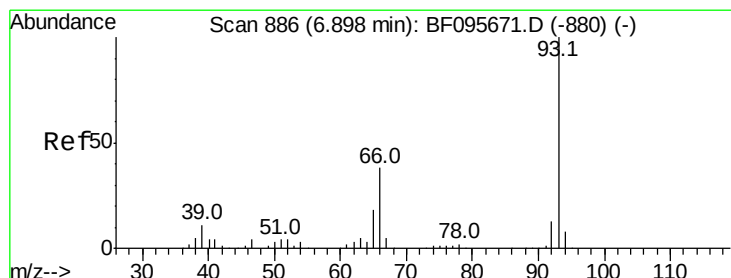
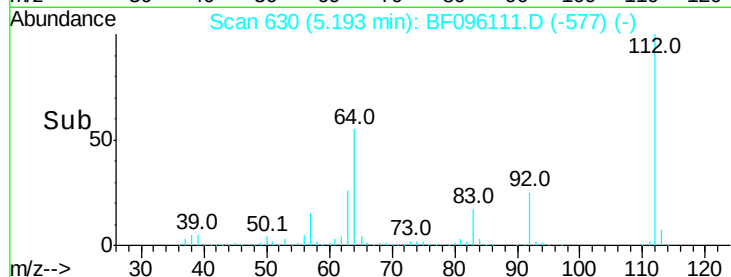
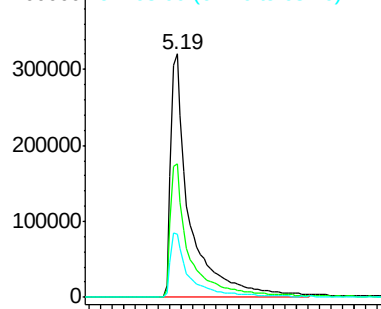
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	748195
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 14.32 ng

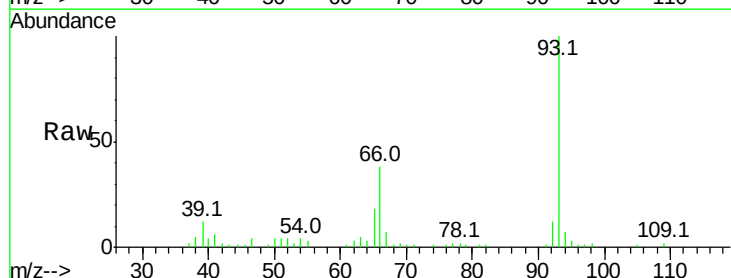
RT: 6.80 min Scan# 903

Delta R.T. 0.01 min

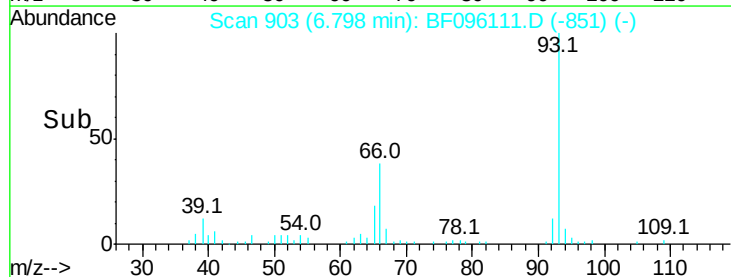
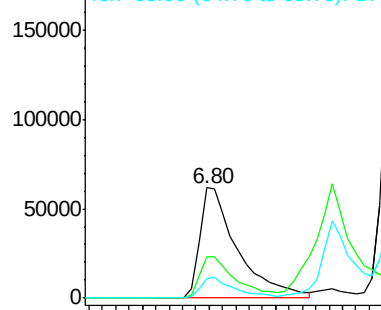
Lab File: BF096111.D

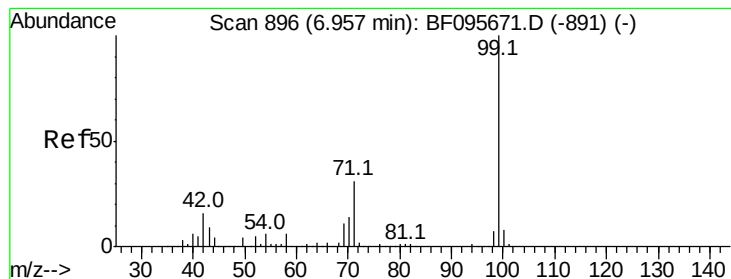
Acq: 22 Jun 2017 7:29

Tgt Ion:	93	Resp:	122470
Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.9	49.3
65	18.2	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 136.64 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

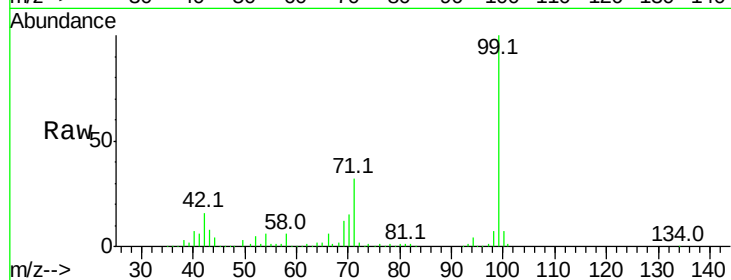
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 893350

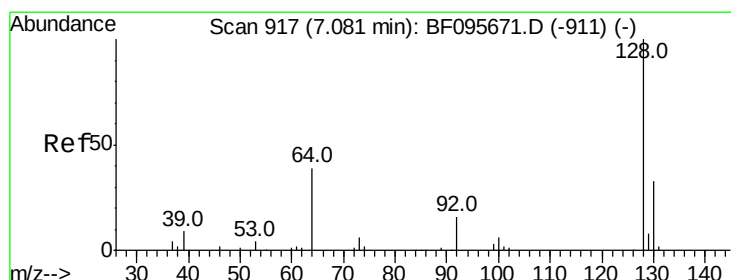
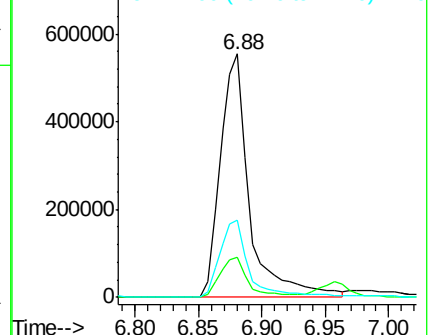
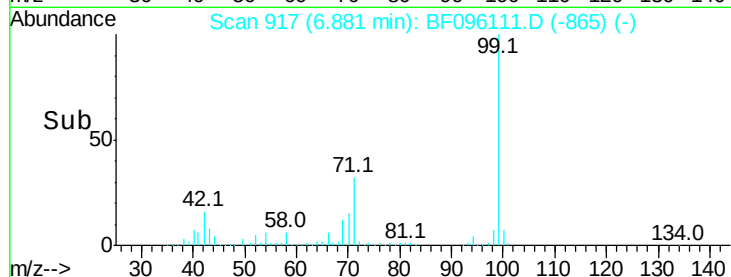
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.8	24.5	36.7



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: 44.63 ng

RT: 6.98 min Scan# 934

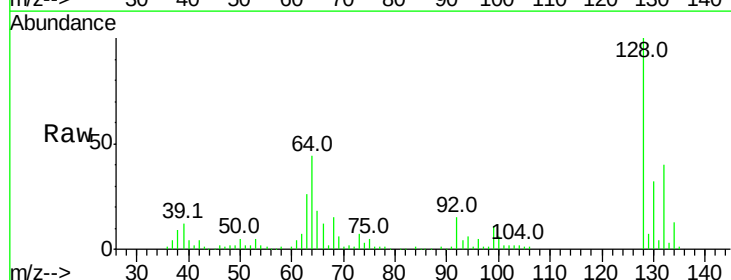
Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Tgt Ion:128 Resp: 259146

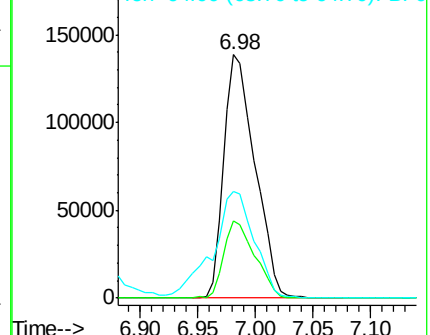
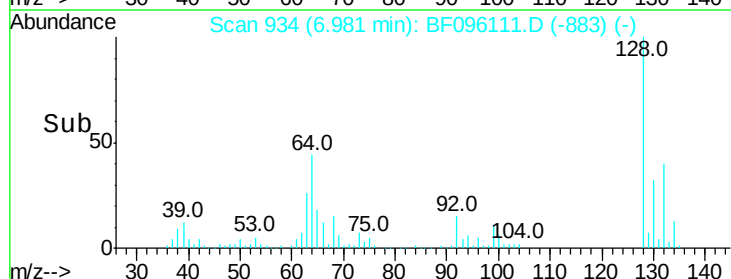
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	44.1	28.4	68.4

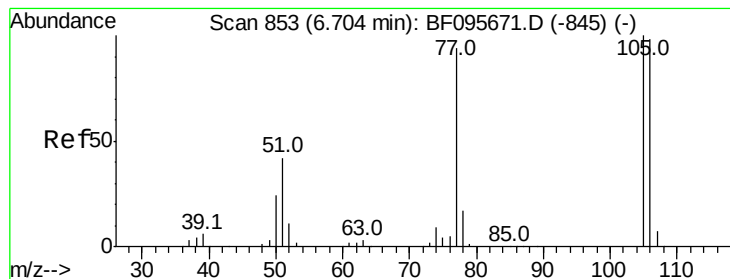


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.28 ng

RT: 6.62 min Scan# 872

Delta R.T. 0.02 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

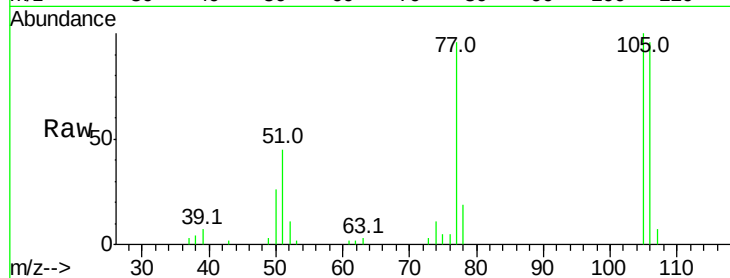
Tot Ion: 77 Resp: 67399

Ion Ratio Lower Upper

77 100

105 103.6 83.8 123.8

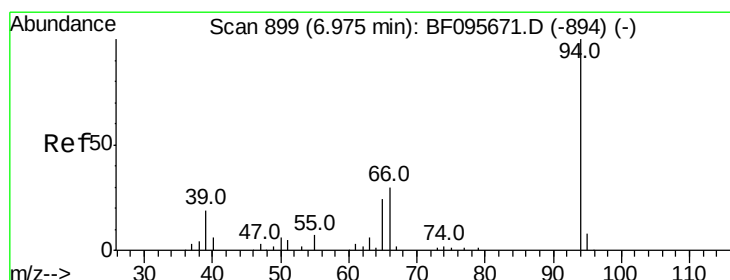
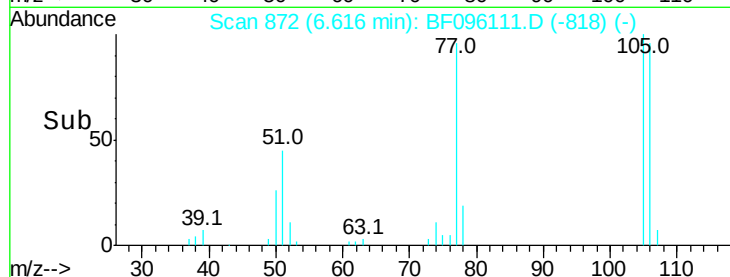
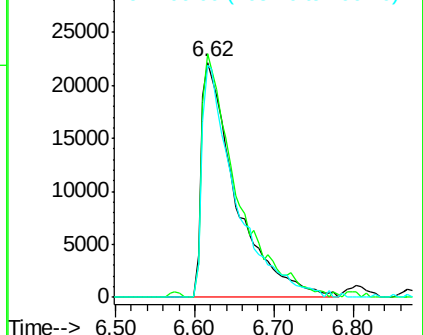
106 99.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.92 ng

RT: 6.89 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

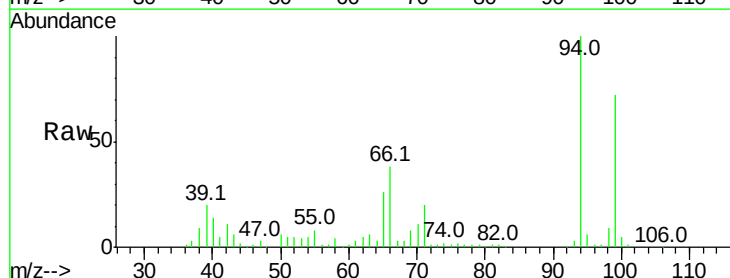
Tgt Ion: 94 Resp: 338587

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

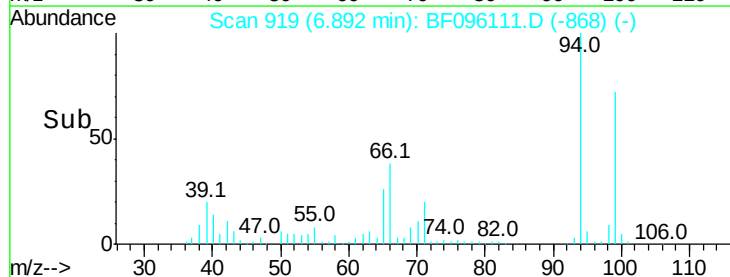
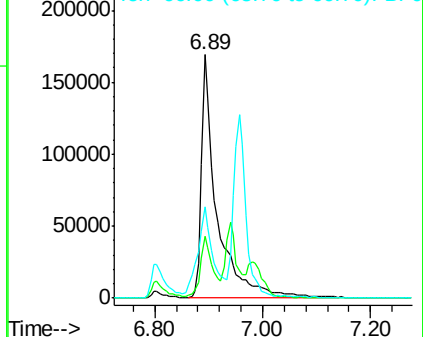
66 37.7 23.1 63.1

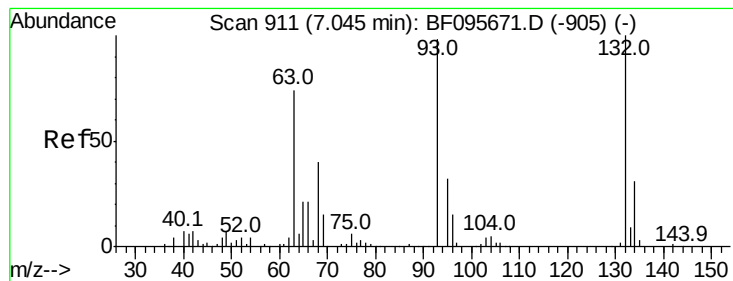


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

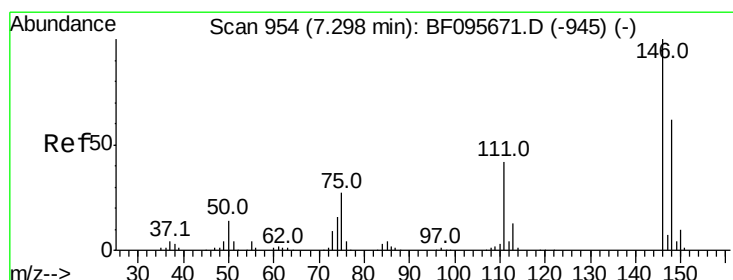
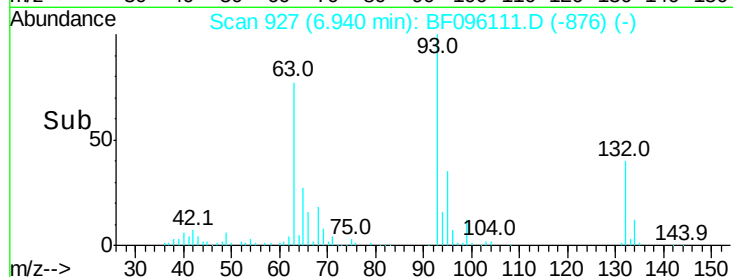
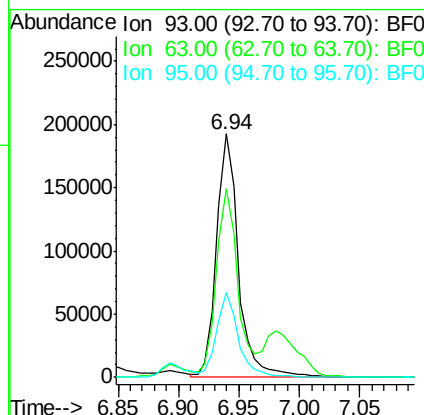
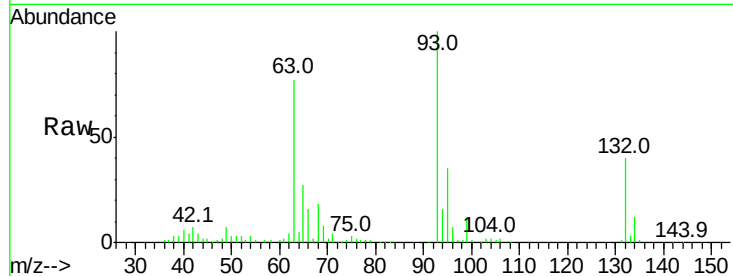




#11
 bis(2-Chloroethyl)ether
 Concen: 44.23 ng
 RT: 6.94 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

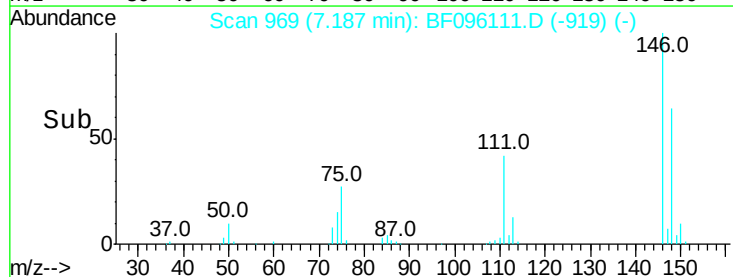
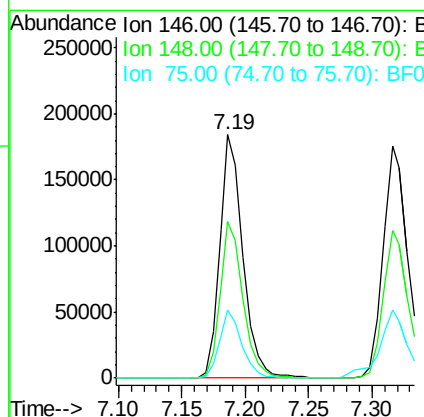
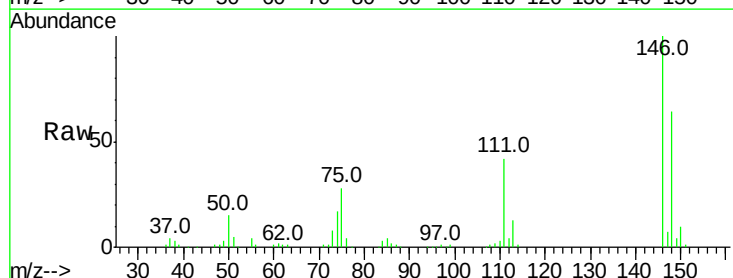
Instrument :
 BNA_F
 ClientSampleId :

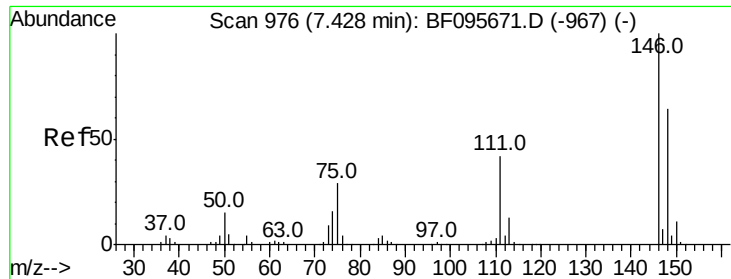
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	59.2	99.2
95	34.7	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 35.55 ng
 RT: 7.19 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	27.9	23.1	34.7

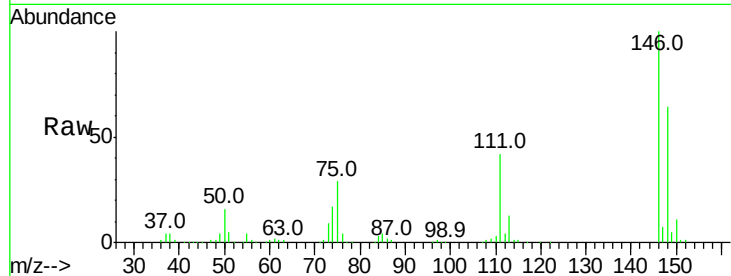




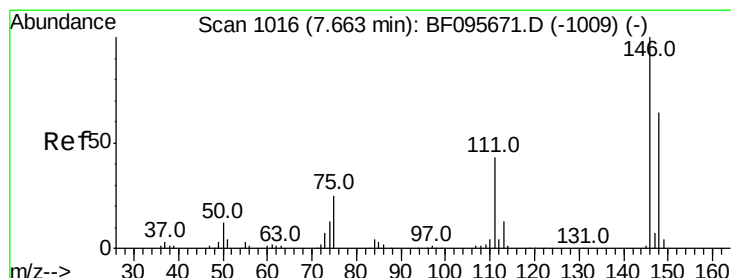
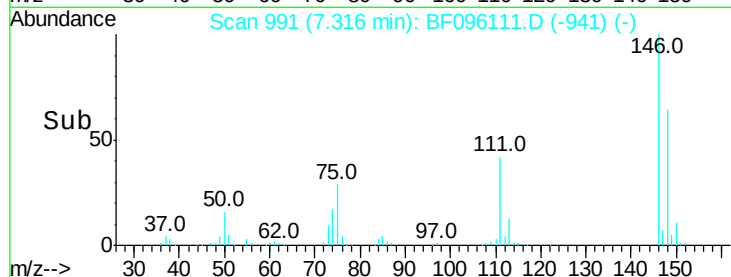
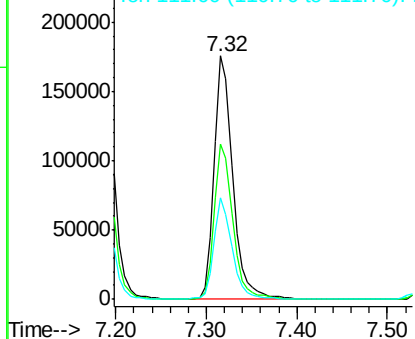
#13
 1,4-Dichlorobenzene
 Concen: 37.66 ng
 RT: 7.32 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 251028
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 41.6 30.3 45.5

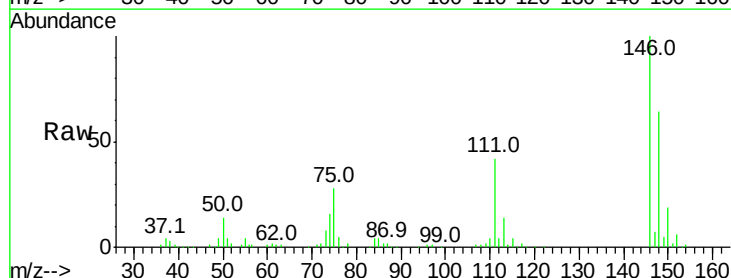


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

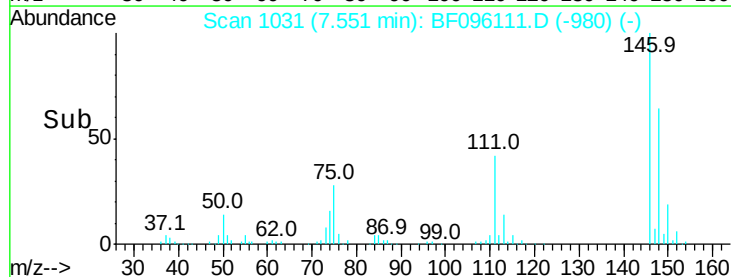
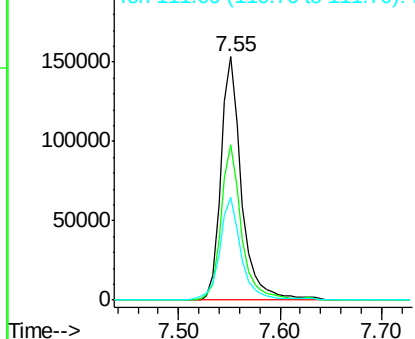


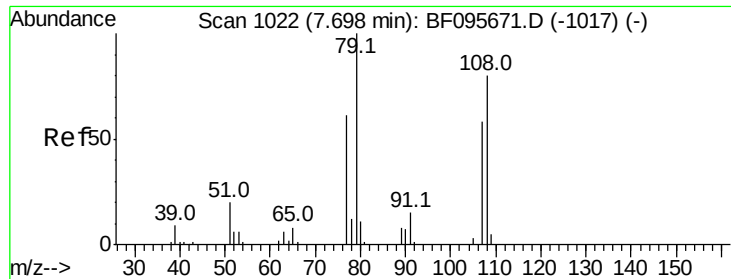
#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:146 Resp: 216764
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.1 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

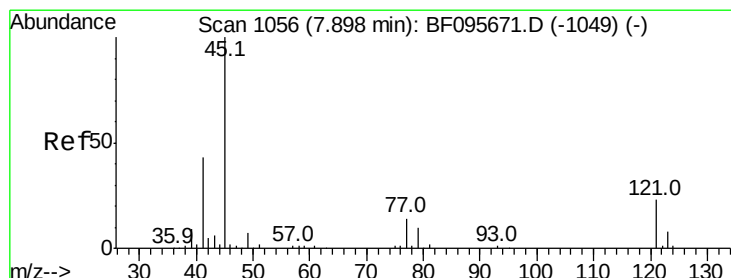
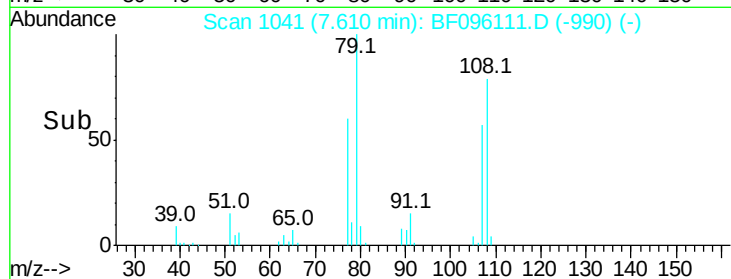
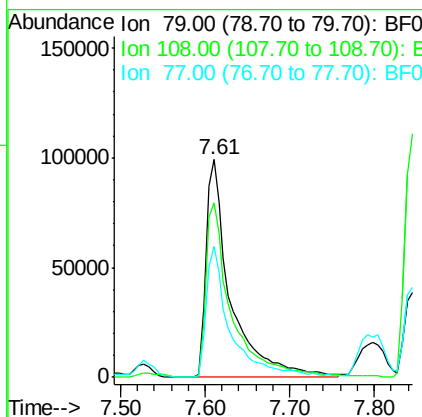
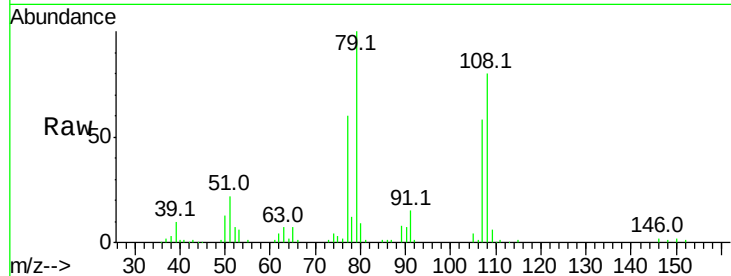




#15
Benzyl Alcohol
Concen: 44.80 ng
RT: 7.61 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

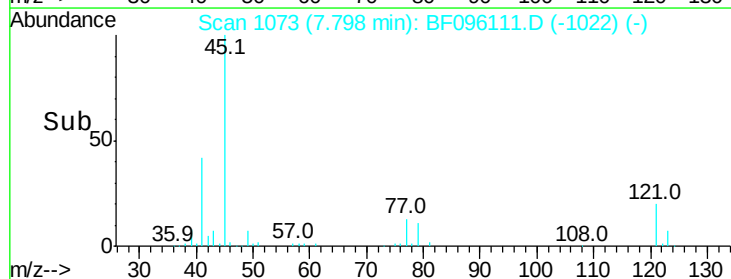
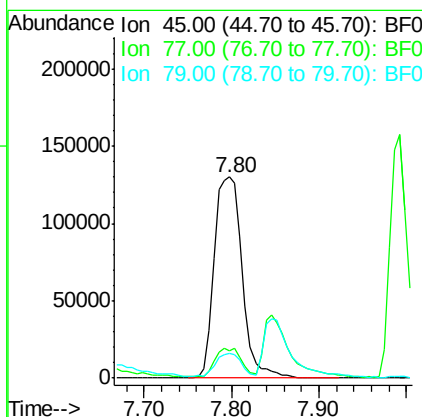
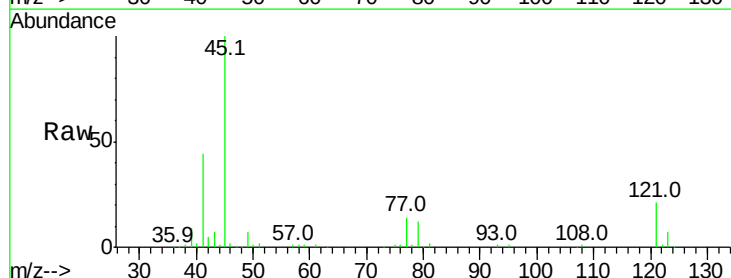
Instrument :
BNA_F
ClientSampled :

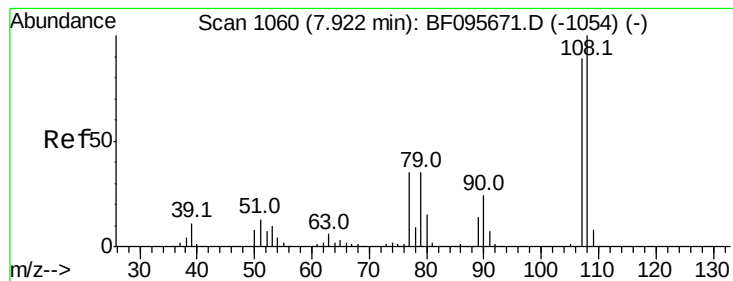
Tot Ion: 79 Resp: 201025
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.10 ng
RT: 7.80 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 45 Resp: 287623
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 12.2 0.0 30.0

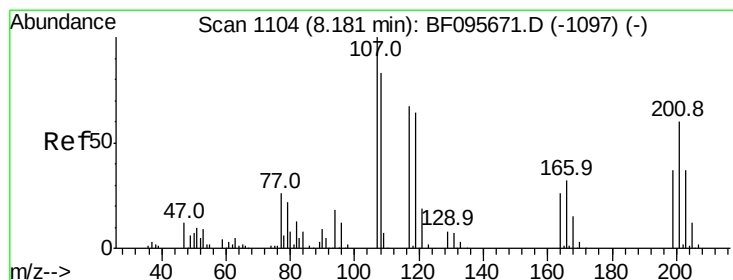
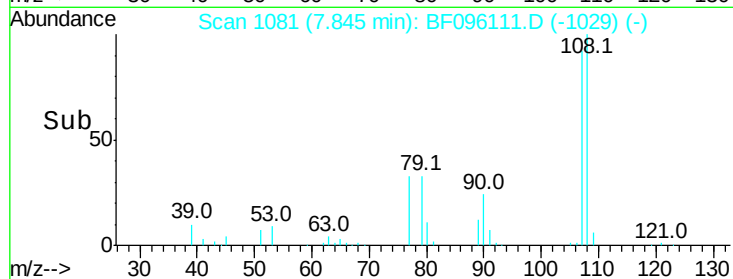
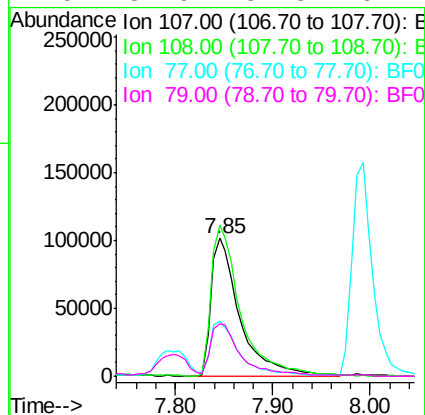
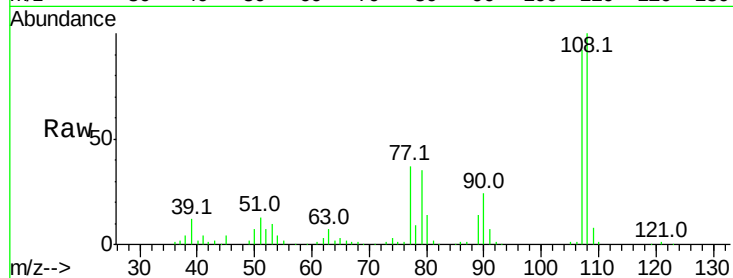




#17
2-Methylphenol
Concen: 43.03 ng
RT: 7.85 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

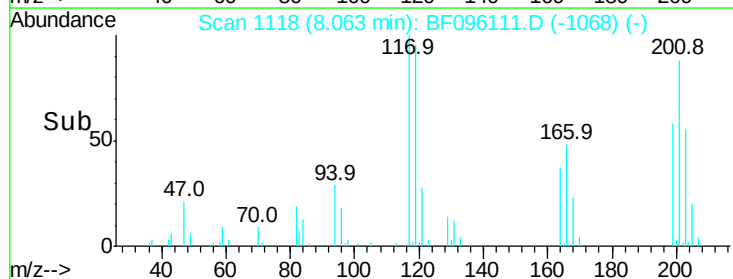
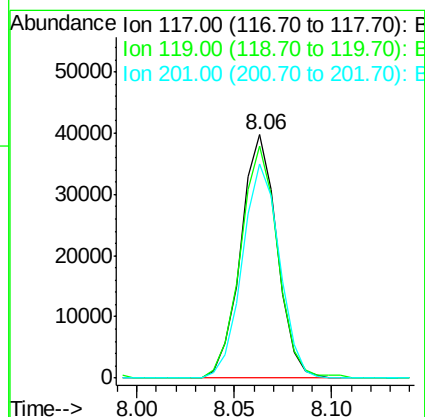
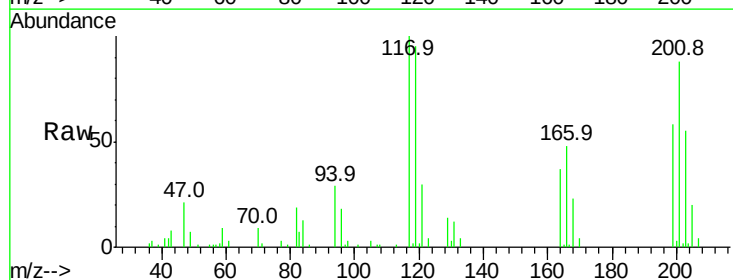
Instrument :
BNA_F
ClientSampled :

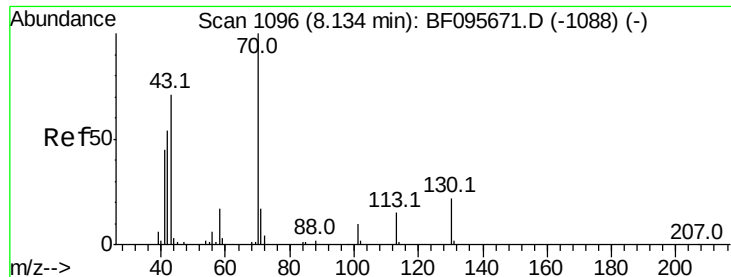
Tot Ion:	107	Resp:	209693
Ion	Ratio	Lower	Upper
107	100		
108	108.9	93.4	140.0
77	40.1	35.8	53.6
79	37.9	34.8	52.2



#18
Hexachloroethane
Concen: 23.23 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:	117	Resp:	51139
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.0
201	88.2	94.6	141.8#

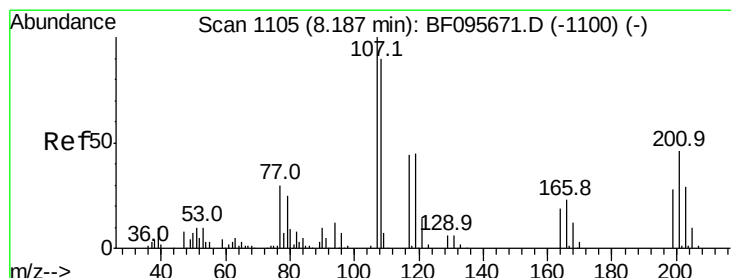
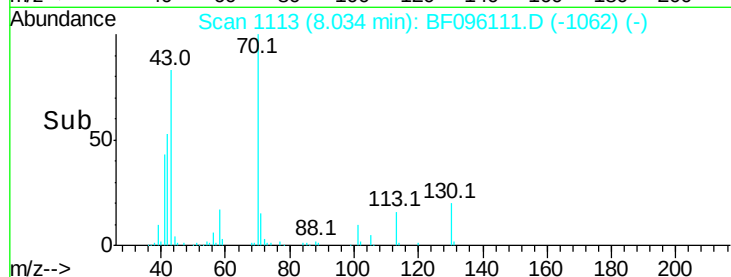
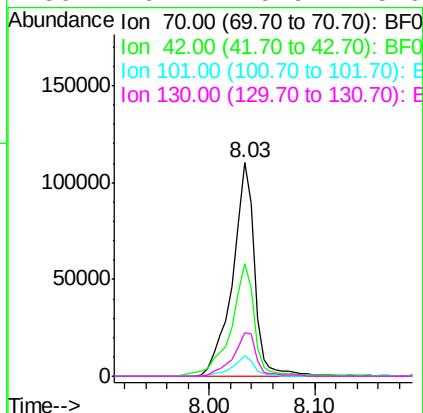
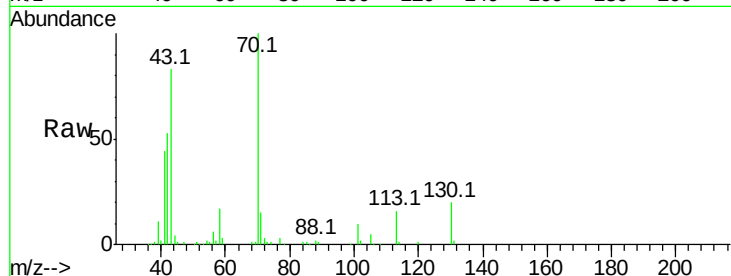




#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng
RT: 8.03 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

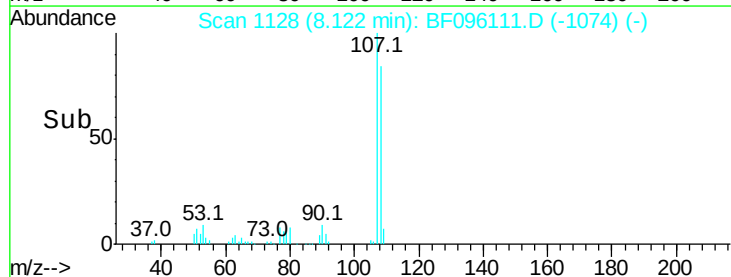
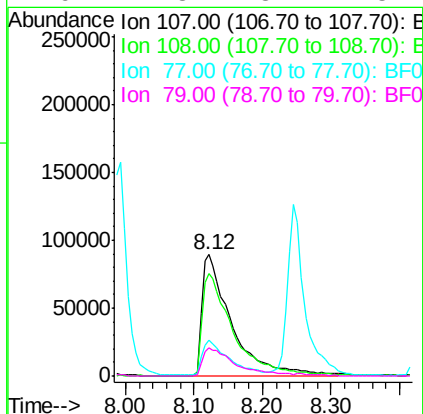
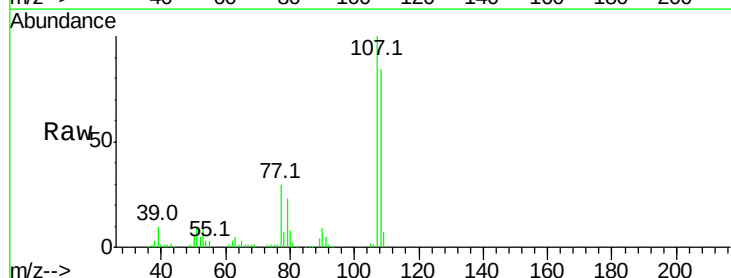
Instrument :
BNA_F
ClientSampleId :

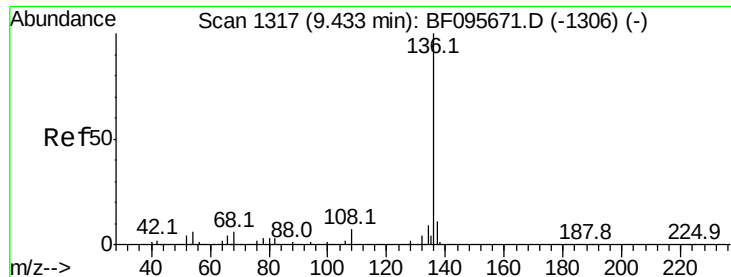
Tot Ion: 70 Resp: 159602
Ion Ratio Lower Upper
70 100
42 52.6 47.2 70.8
101 9.5 7.2 10.8
130 20.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.82 ng
RT: 8.12 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 107 Resp: 271055
Ion Ratio Lower Upper
107 100
108 84.0 71.0 111.0
77 29.5 90.5 130.5#
79 22.8 8.4 48.4

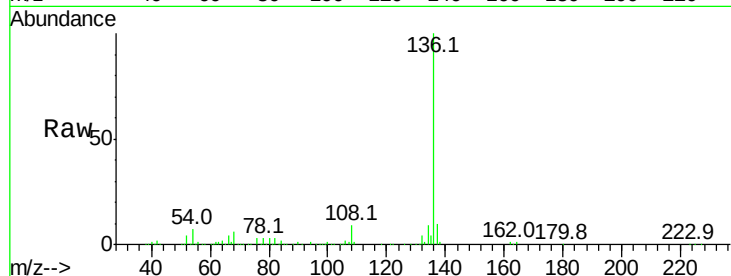




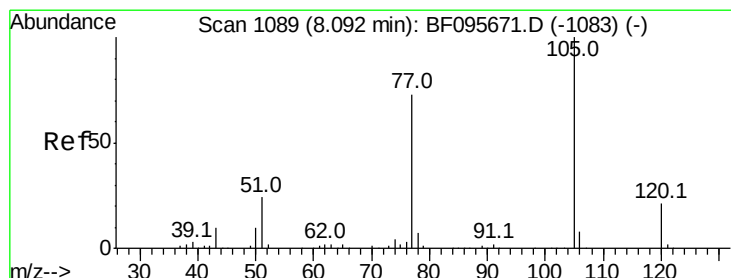
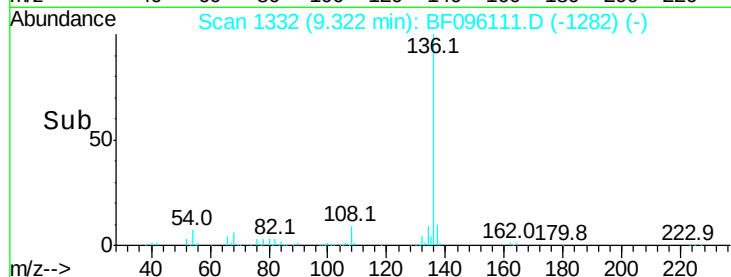
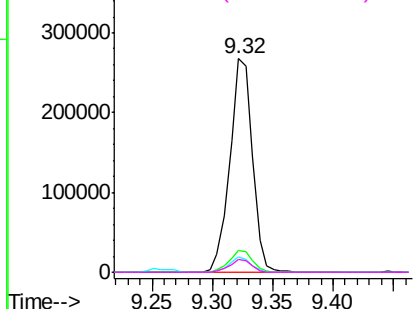
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	349915
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1

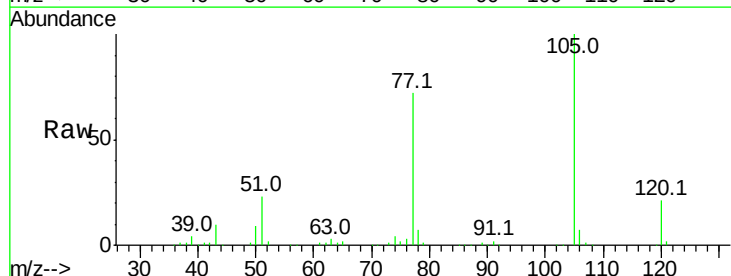


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

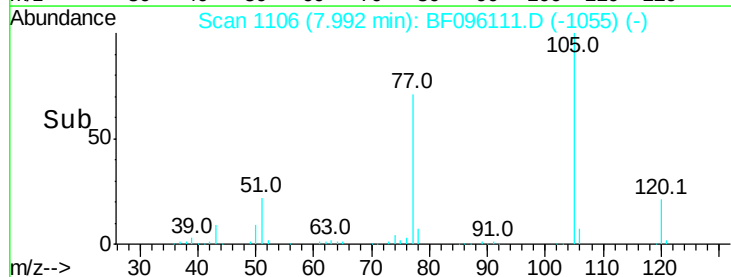
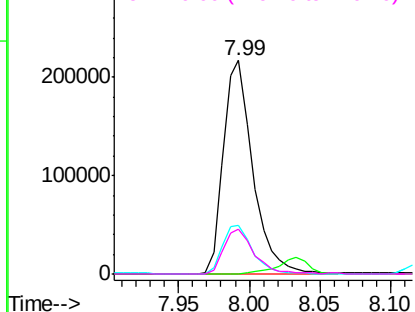


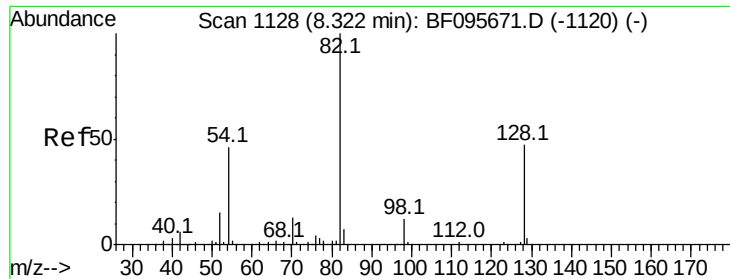
#22
Acetophenone
Concen: 38.61 ng
RT: 7.99 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:	105	Resp:	316193
Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.8	4.2#
51	22.8	30.7	46.1#
120	21.2	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

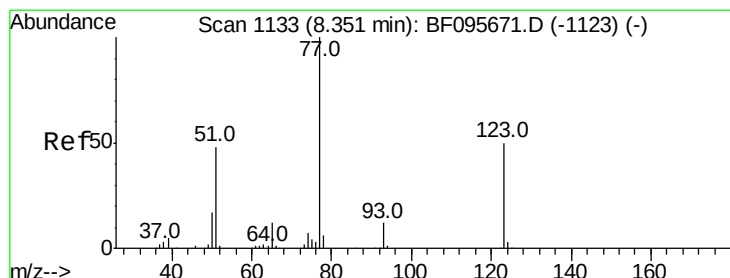
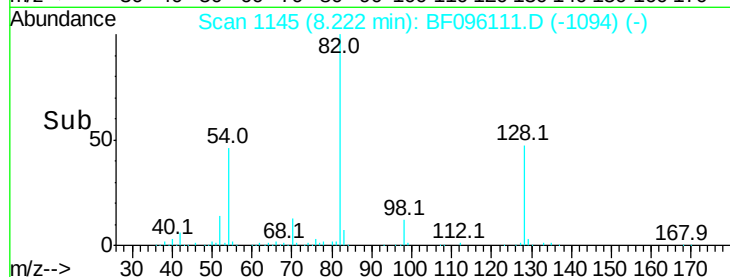
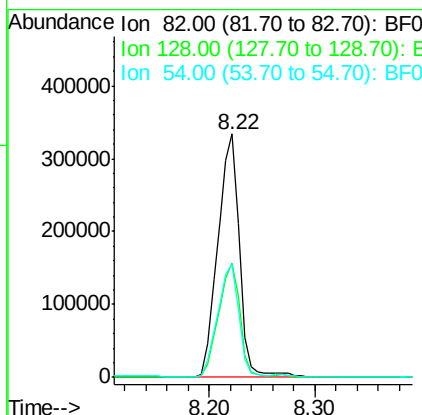
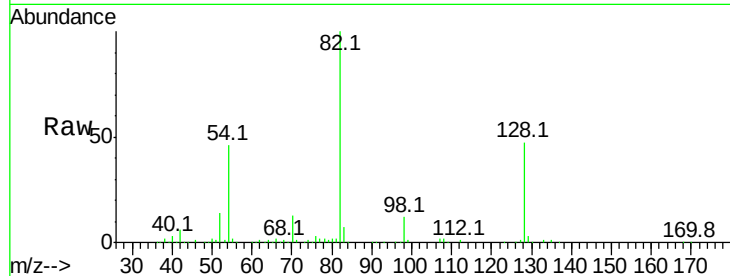




#23
 Nitrobenzene-d5
 Concen: 85.53 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

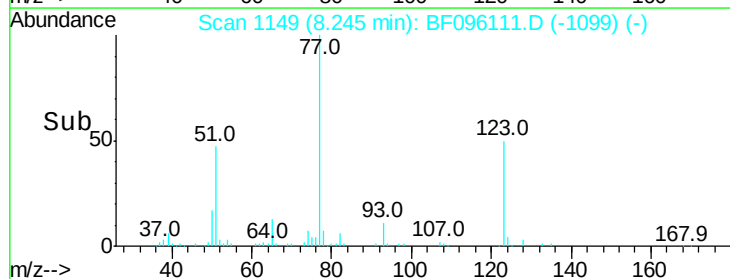
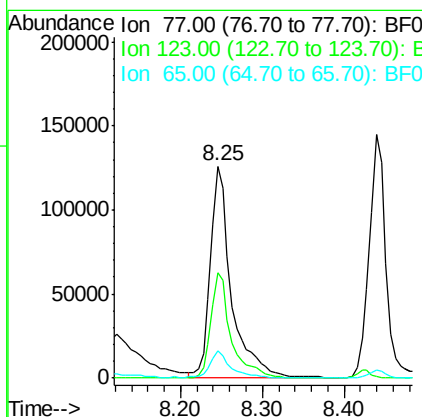
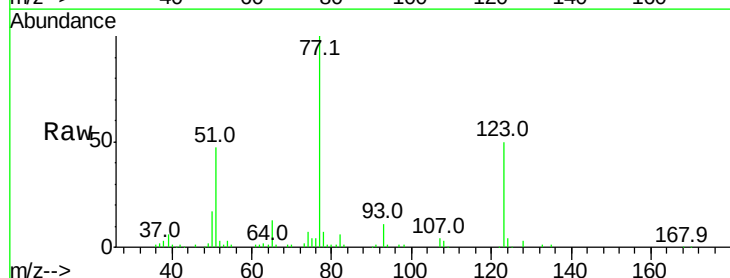
Instrument :
 BNA_F
 ClientSampled :

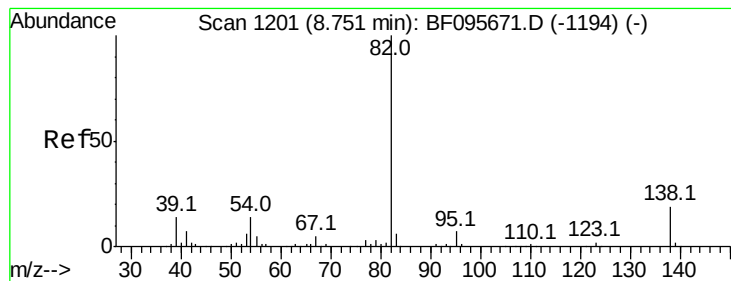
Tot Ion	82	Resp	481879
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	46.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 37.26 ng
 RT: 8.25 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	77	Resp	224255
Ion	Ratio	Lower	Upper
77	100		
123	49.7	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.66 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

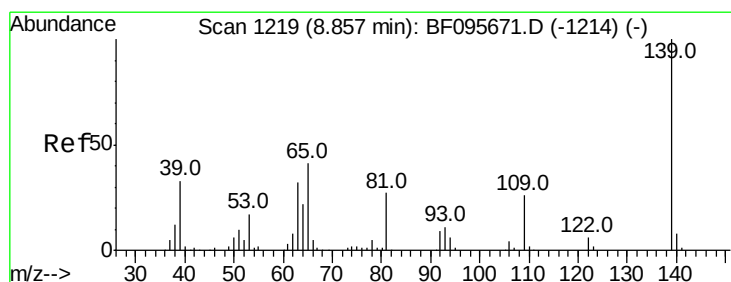
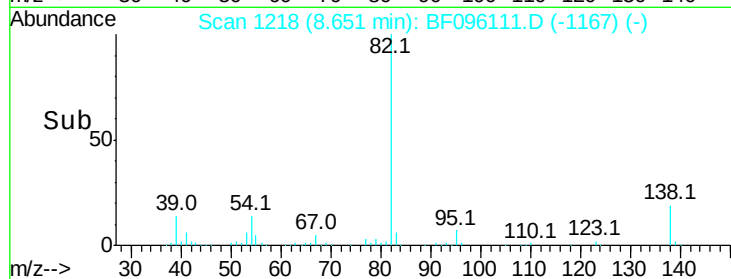
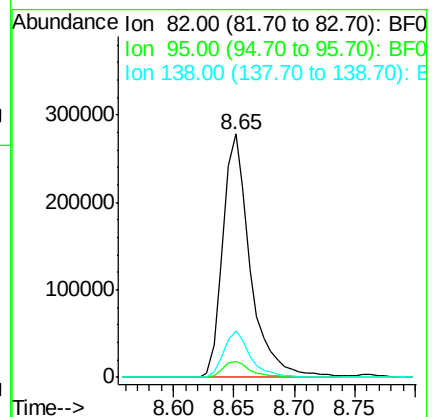
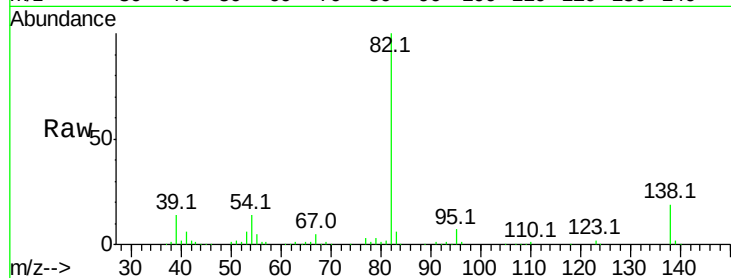
Tot Ion: 82 Resp: 438263

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 26.71 ng

RT: 8.76 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

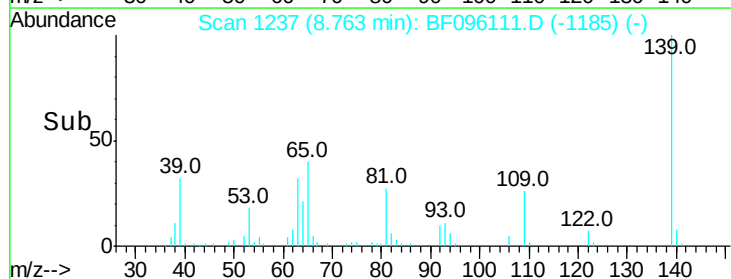
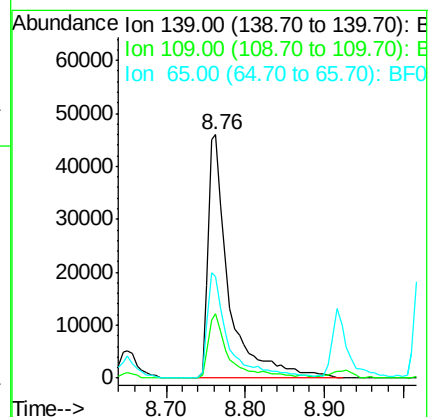
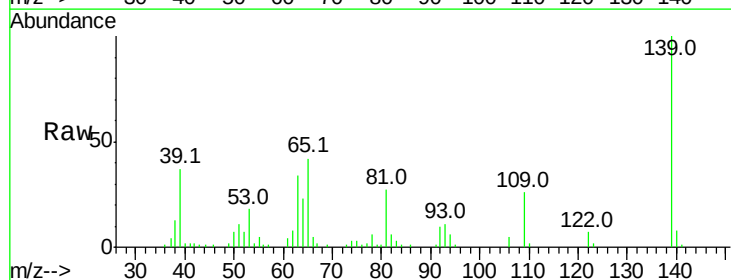
Tgt Ion:139 Resp: 84188

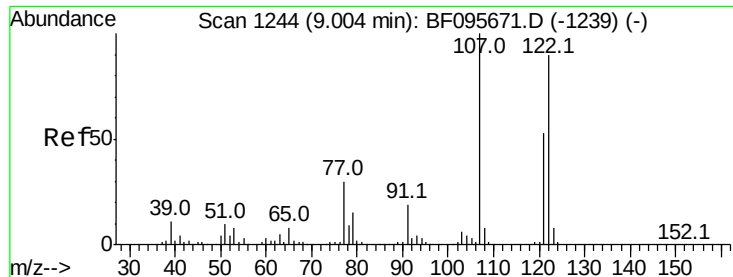
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 41.5 33.0 49.6

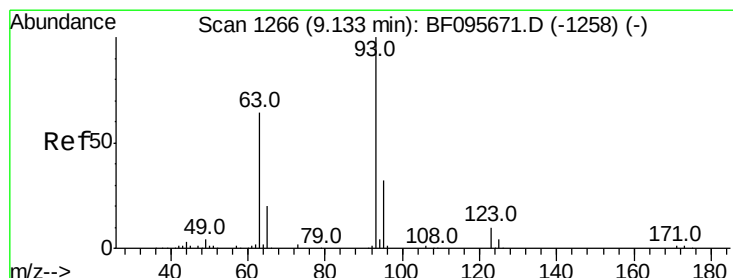
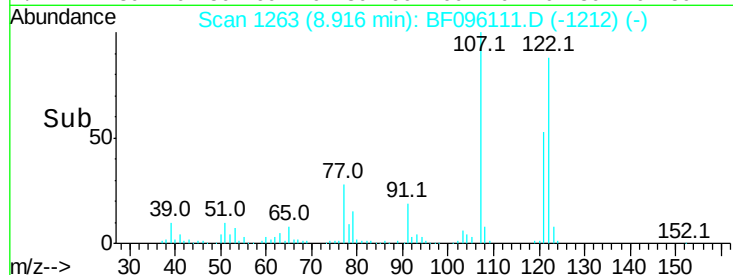
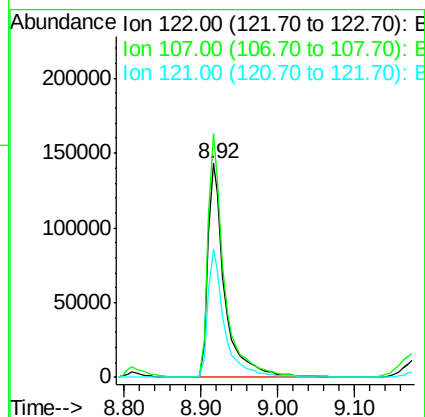
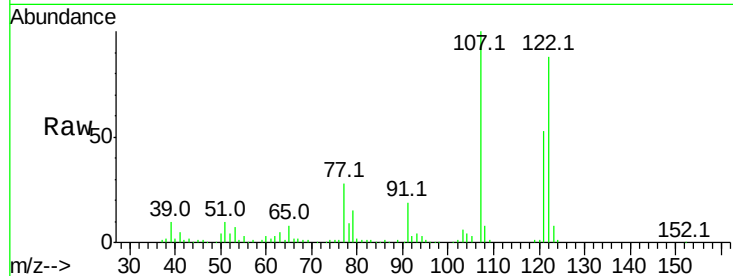




#27
 2,4-Dimethylphenol
 Concen: 44.27 ng
 RT: 8.92 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

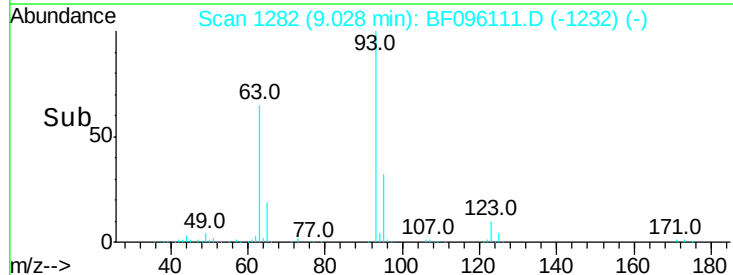
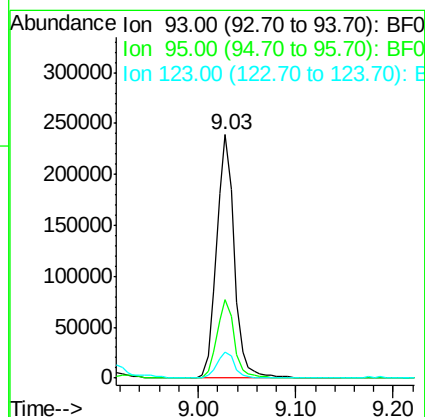
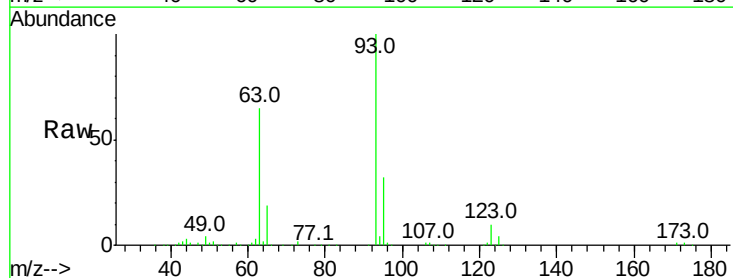
Instrument :
 BNA_F
 ClientSampled :

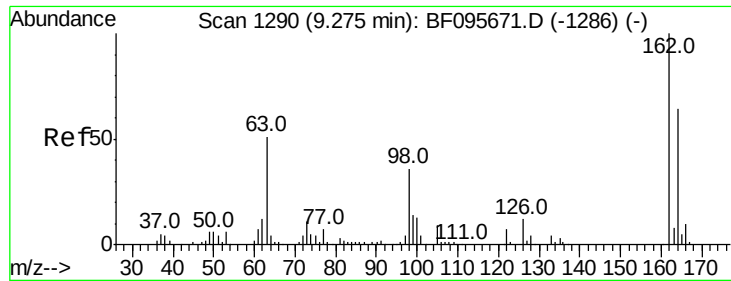
Tot Ion:122 Resp: 216512
 Ion Ratio Lower Upper
 122 100
 107 113.8 89.2 133.8
 121 59.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.33 ng
 RT: 9.03 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion: 93 Resp: 300515
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.5 9.0 13.4

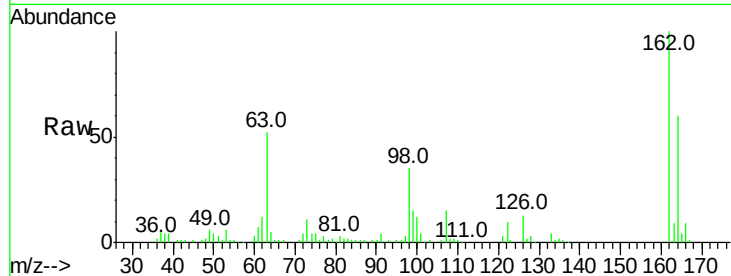




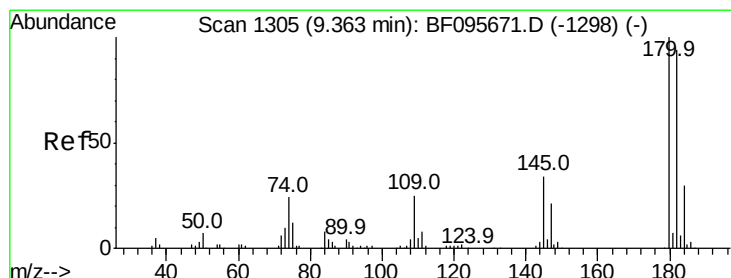
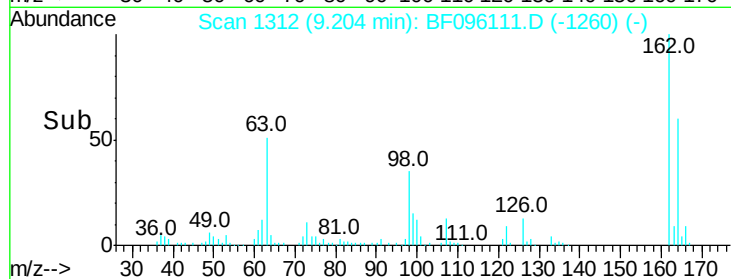
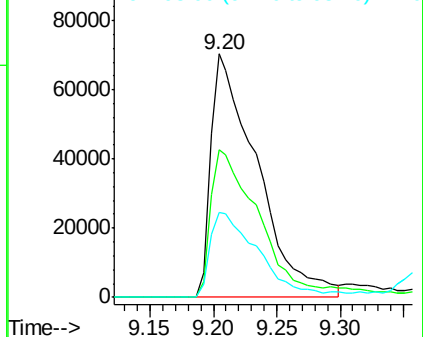
#29
 2,4-Dichlorophenol
 Concen: 38.03 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	44.6	84.6
98	35.0	14.8	54.8

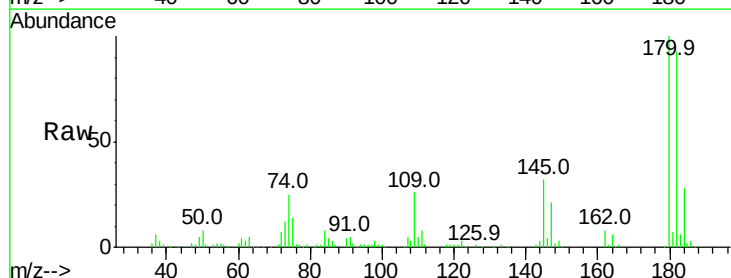


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

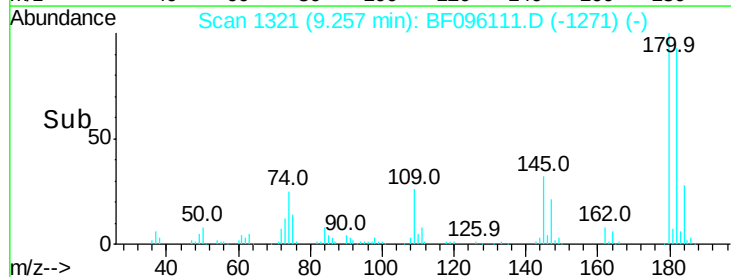
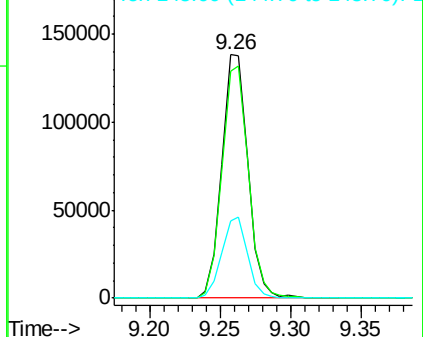


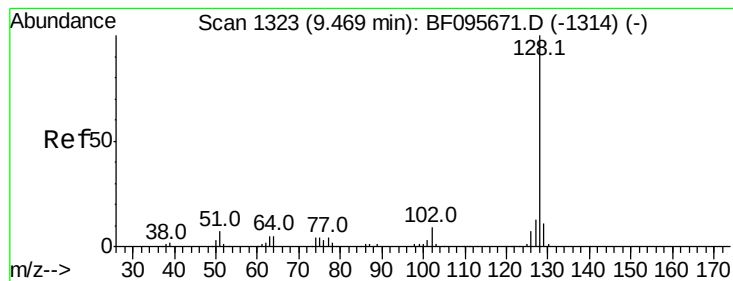
#30
 1,2,4-Trichlorobenzene
 Concen: 36.44 ng
 RT: 9.26 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	31.6	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: 37.85 ng

RT: 9.36 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

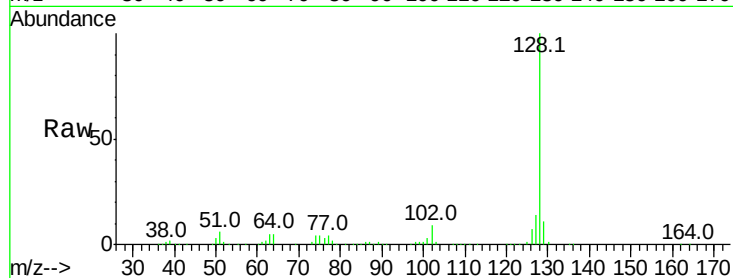
Tot Ion:128 Resp: 664722

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

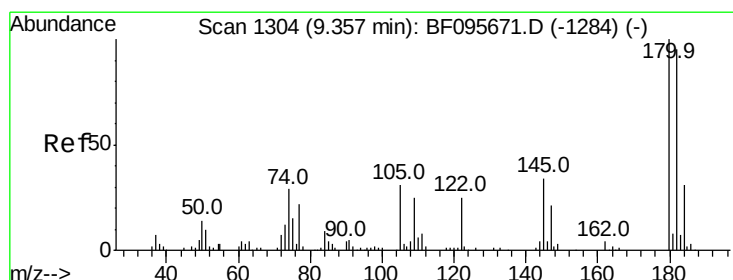
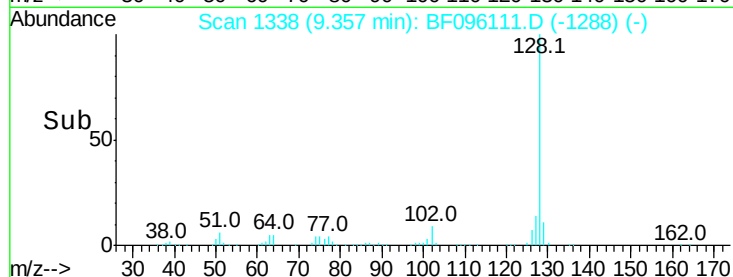
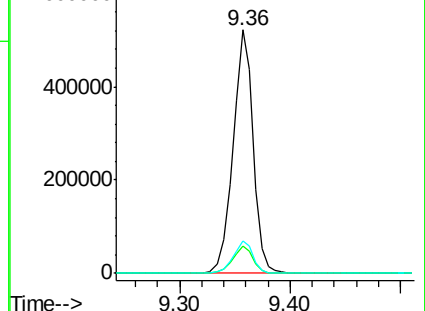
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.87 ng

RT: 9.24 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

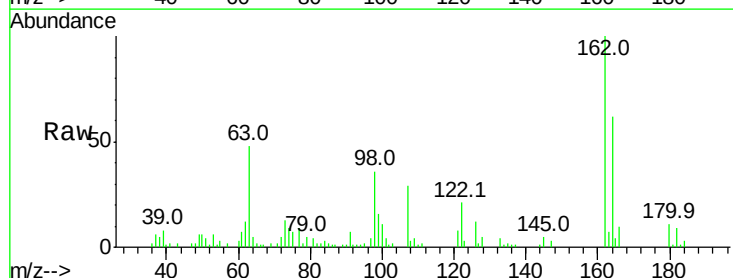
Tgt Ion:122 Resp: 16262

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

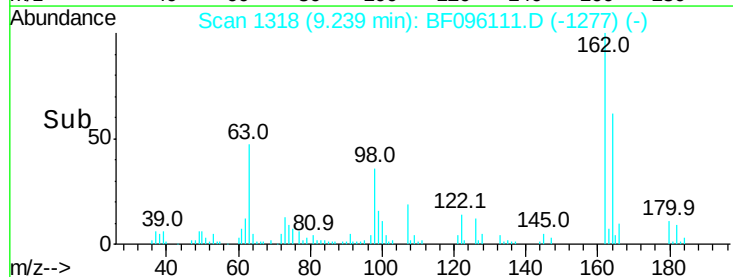
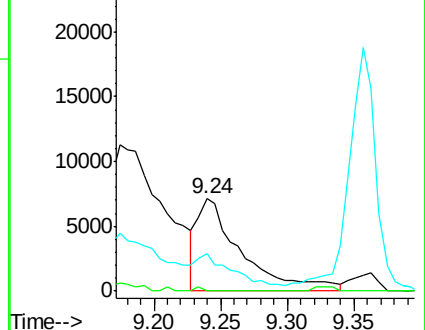
77 40.4 73.7 113.7#

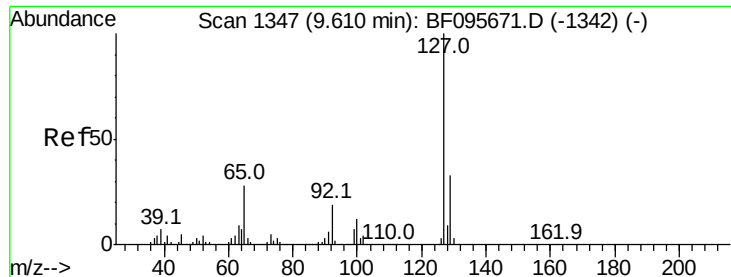


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

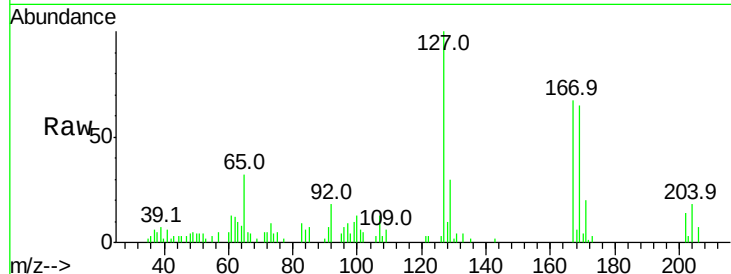




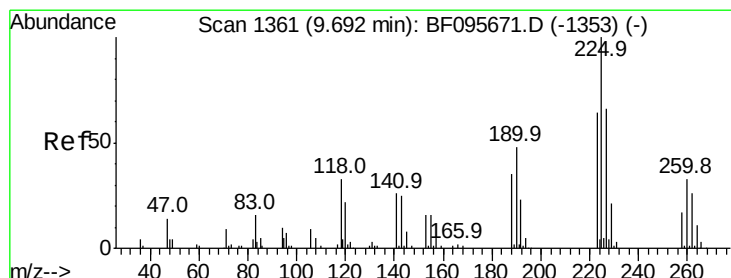
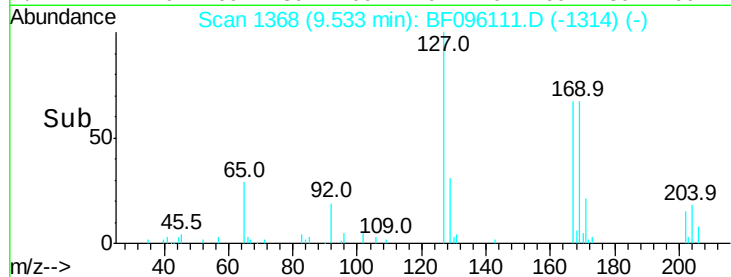
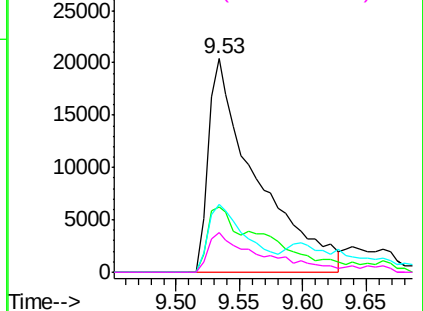
#33
4-Chloroaniline
Concen: 7.85 ng
RT: 9.53 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	53871
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	31.7	27.8	41.8
92	18.4	16.8	25.2

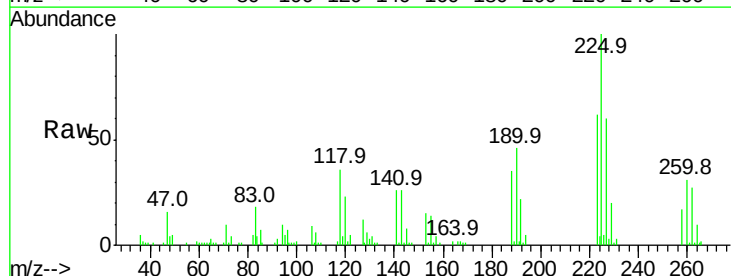


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

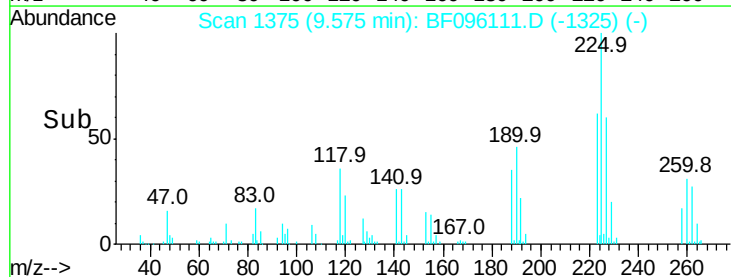
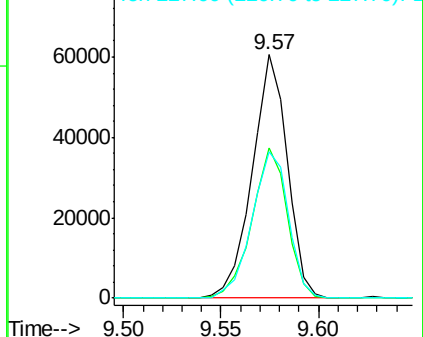


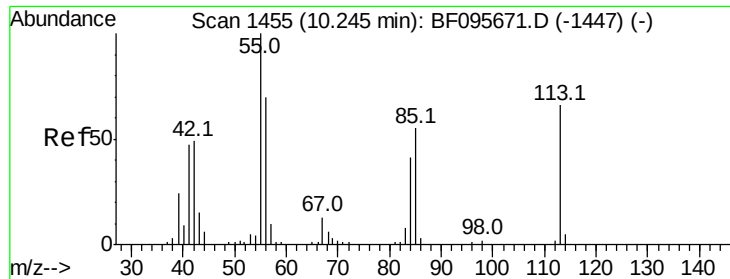
#34
Hexachlorobutadiene
Concen: 29.79 ng
RT: 9.57 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:	225	Resp:	75445
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	60.3	51.1	76.7



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





#35

Caprolactam

Concen: 31.69 ng

RT: 10.13 min Scan# 1469

Delta R.T. -0.04 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

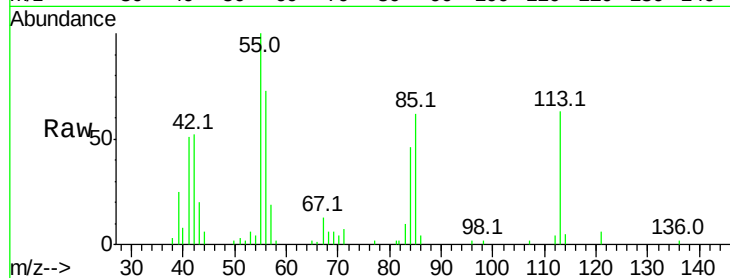
Tot Ion:113 Resp: 44423

Ion Ratio Lower Upper

113 100

55 157.8 150.2 190.2

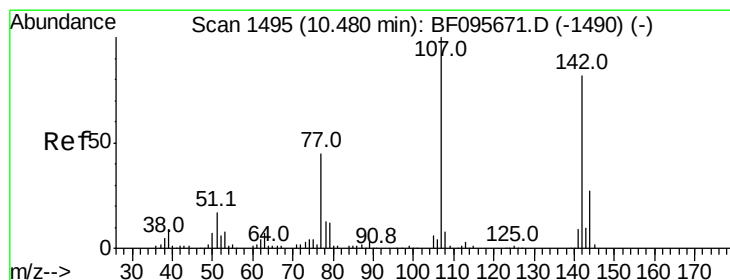
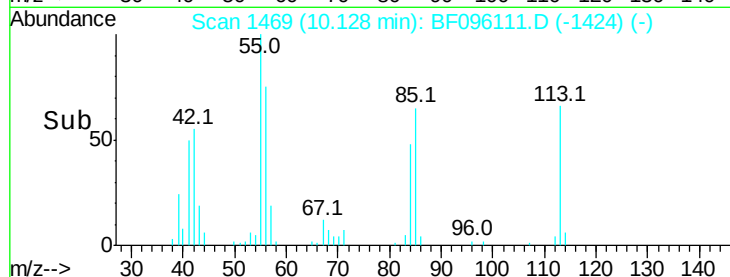
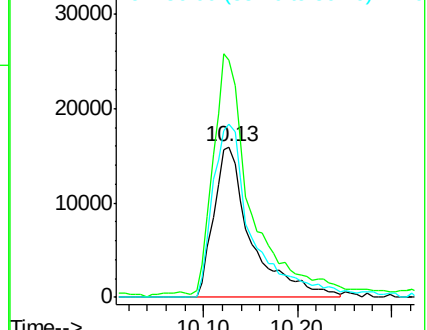
56 114.7 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.87 ng

RT: 10.41 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

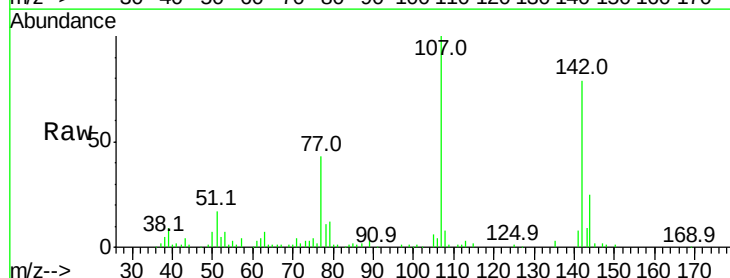
Tgt Ion:107 Resp: 162056

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

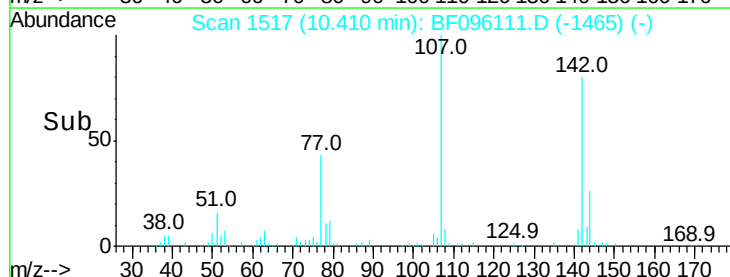
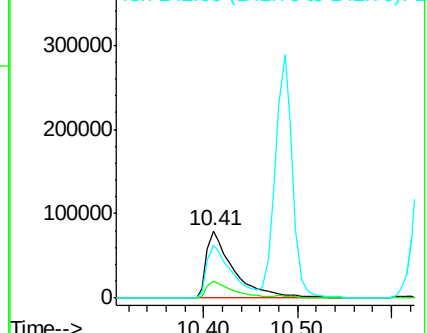
142 78.9 73.4 110.0

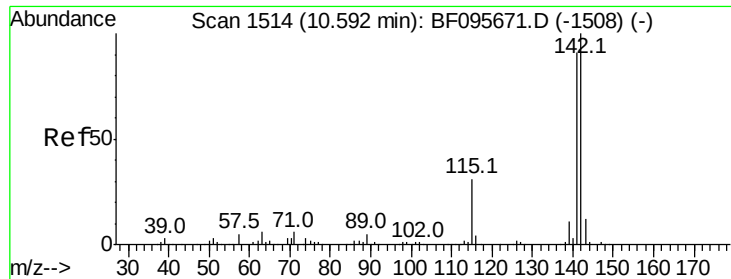


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

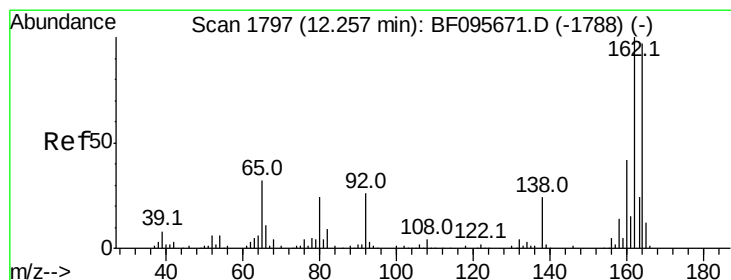
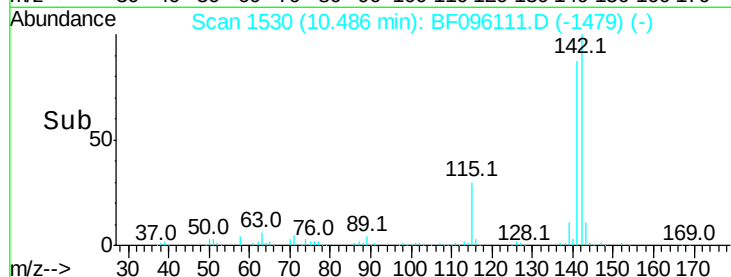
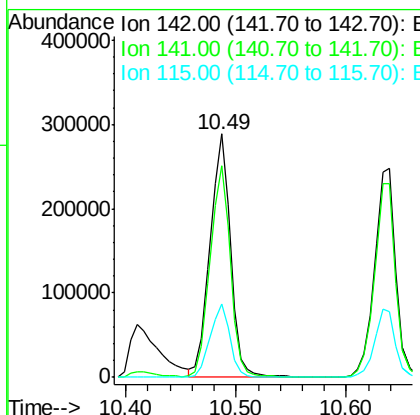
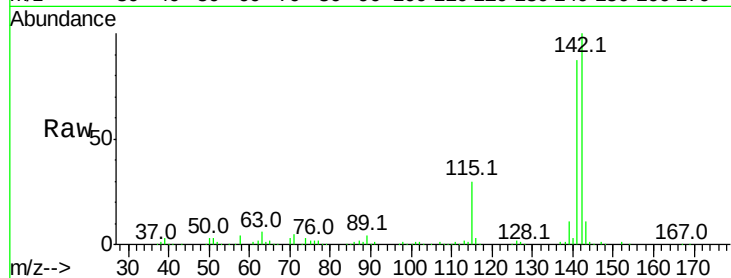




#37
2-Methylnaphthalene
Concen: 31.09 ng
RT: 10.49 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

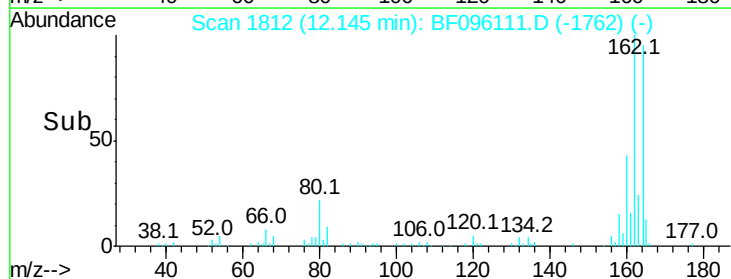
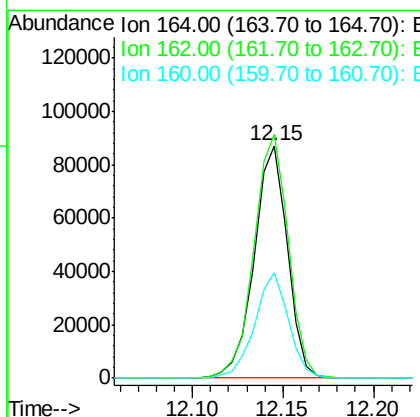
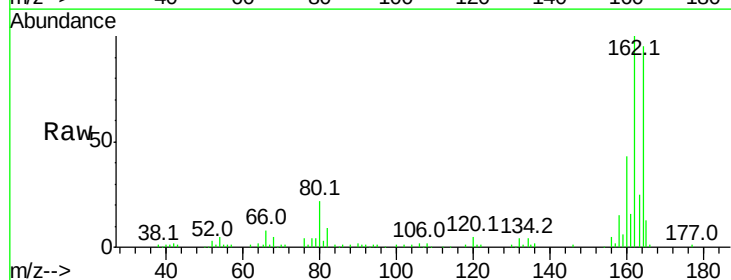
Instrument :
BNA_F
ClientSampleId :

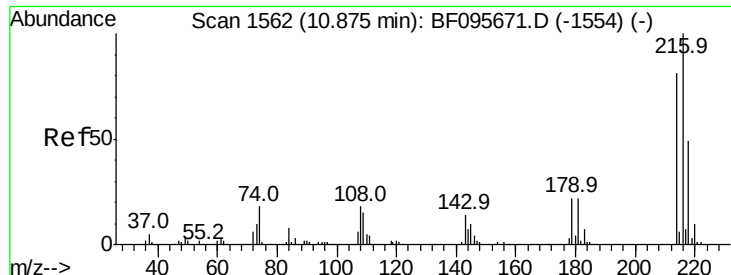
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.3	106.9
115	29.9	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	45.4	36.2	54.2

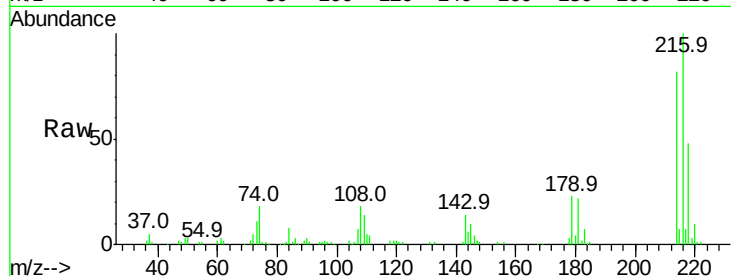




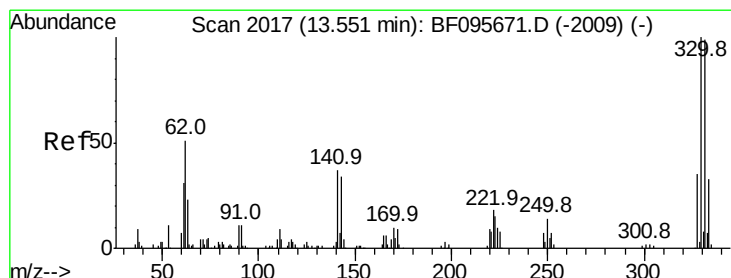
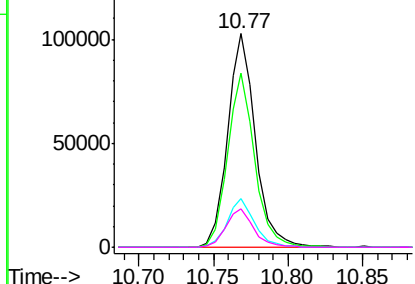
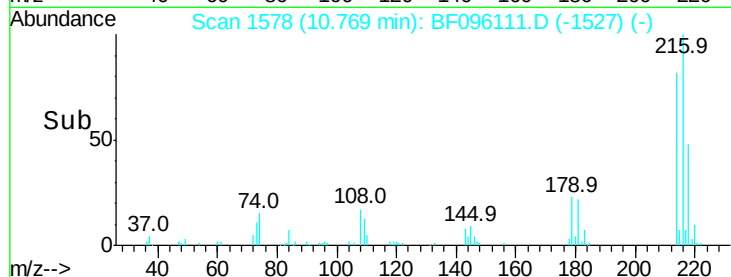
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.34 ng
 RT: 10.77 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	134111
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.4	17.9	26.9
108	18.2	16.5	24.7

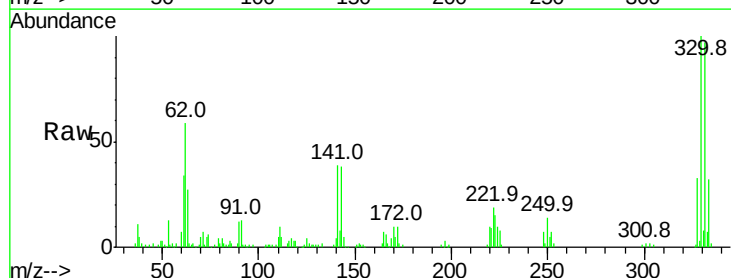


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

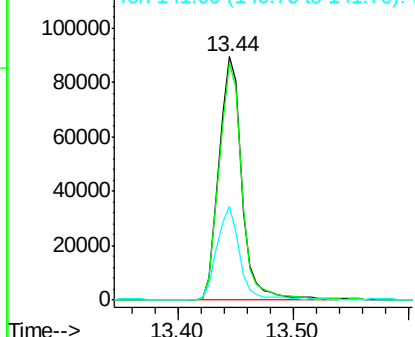
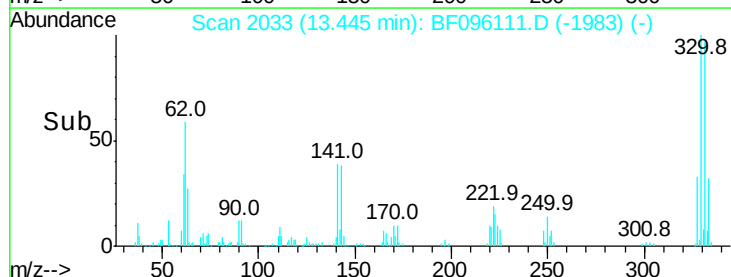


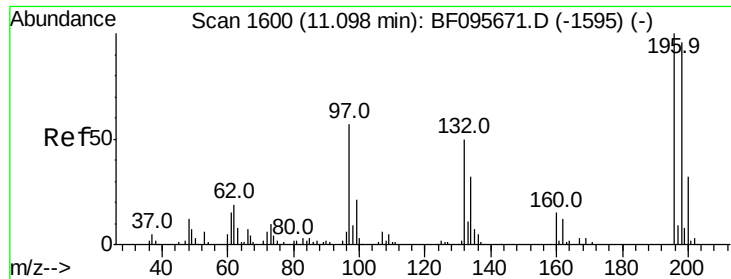
#41
 2,4,6-Tribromophenol
 Concen: 125.68 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:	330	Resp:	123534
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	38.6	31.4	47.2



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

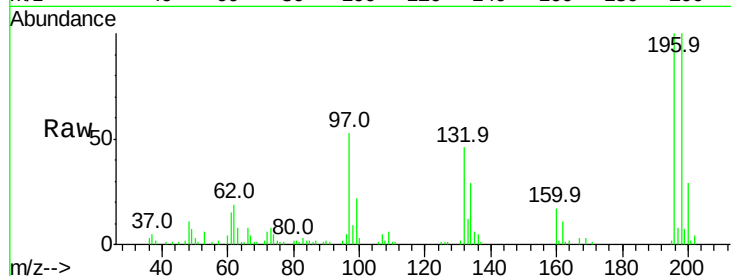




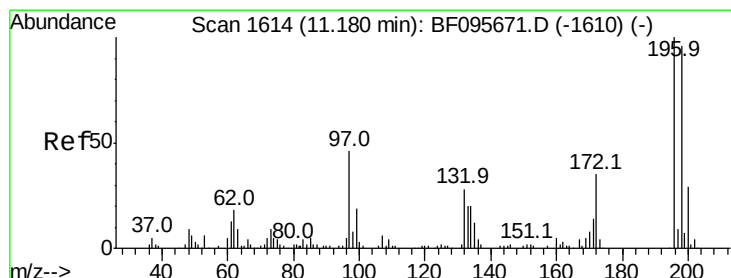
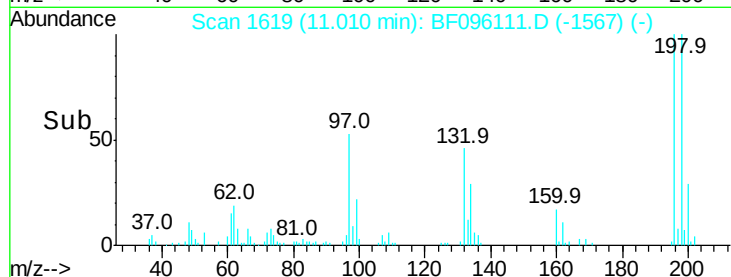
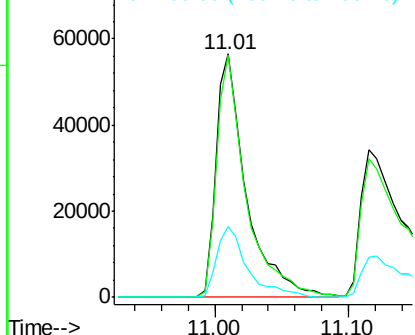
#42
2,4,6-Trichlorophenol
Concen: 42.27 ng
RT: 11.01 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 90366
Ion Ratio Lower Upper
196 100
198 99.7 74.2 111.4
200 29.1 24.0 36.0



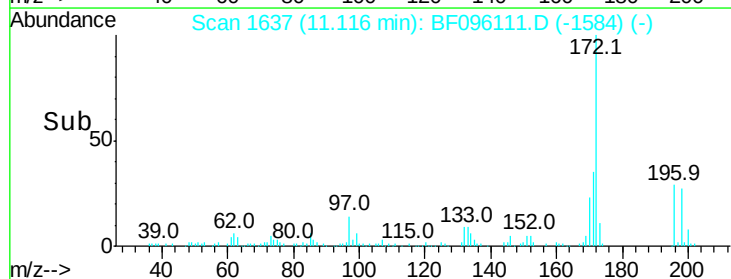
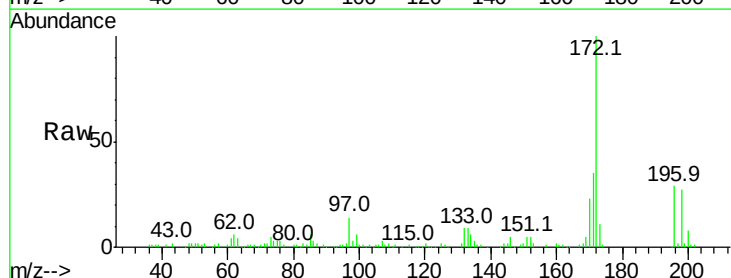
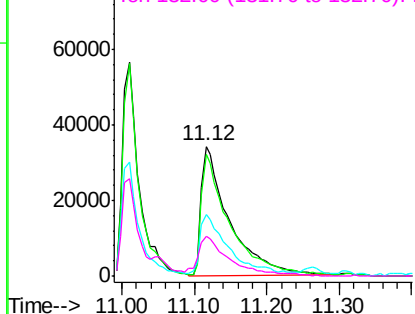
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

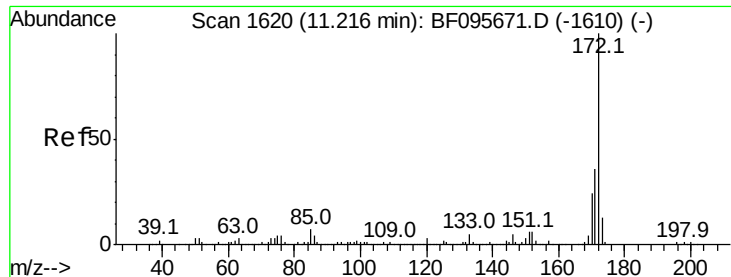


#43
2,4,5-Trichlorophenol
Concen: 40.16 ng
RT: 11.12 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:196 Resp: 91304
Ion Ratio Lower Upper
196 100
198 94.3 75.7 113.5
97 47.1 47.7 71.5#
132 31.2 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

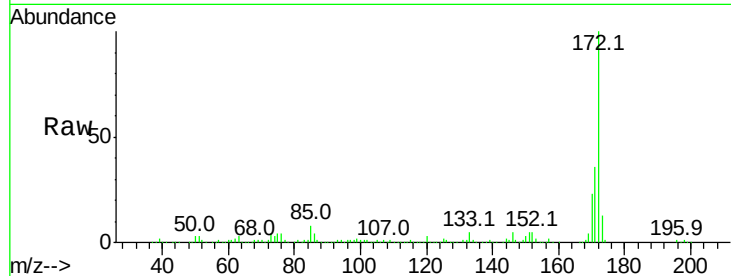




#44
2-Fluorobiphenyl
Concen: 92.17 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8

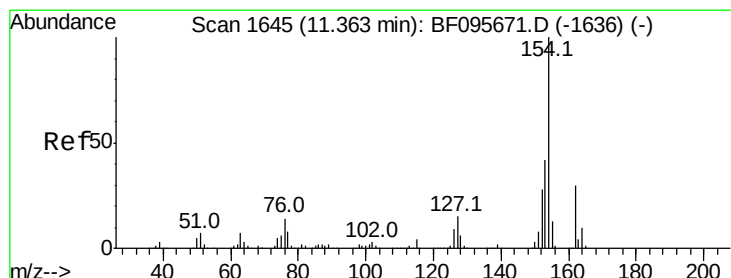
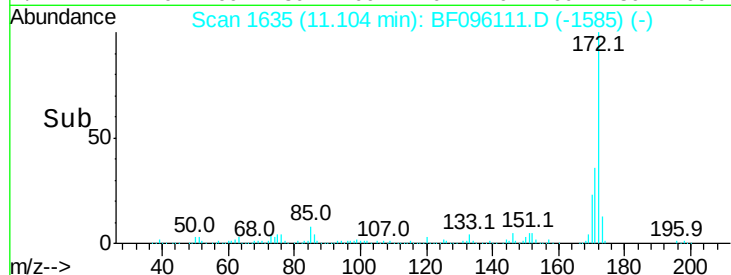
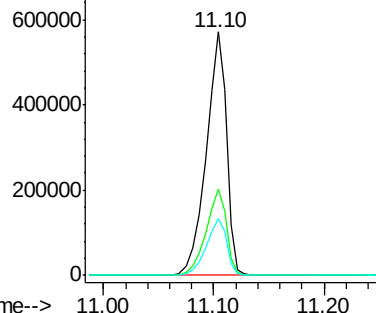


Abundance

Ion 172.00 (171.70 to 172.70): E

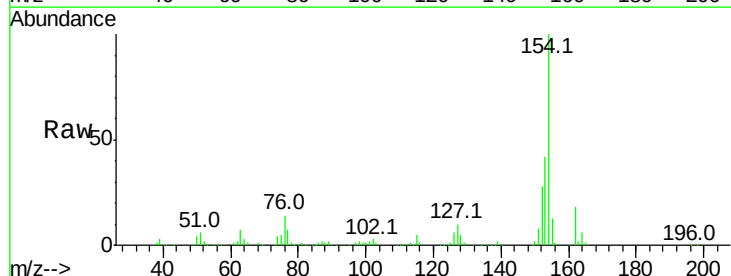
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 42.13 ng
RT: 11.25 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.2	61.2
76	13.7	0.0	29.9

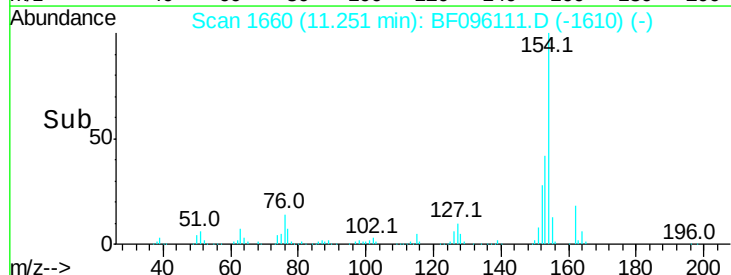
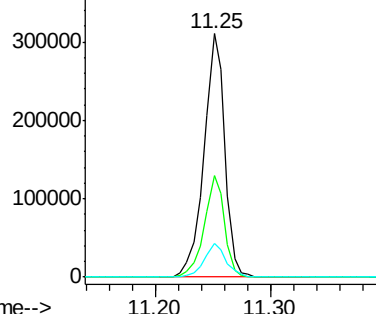


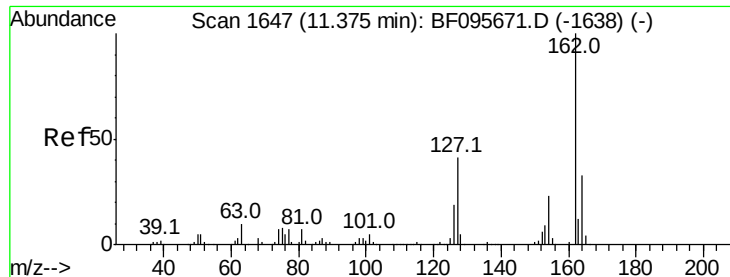
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

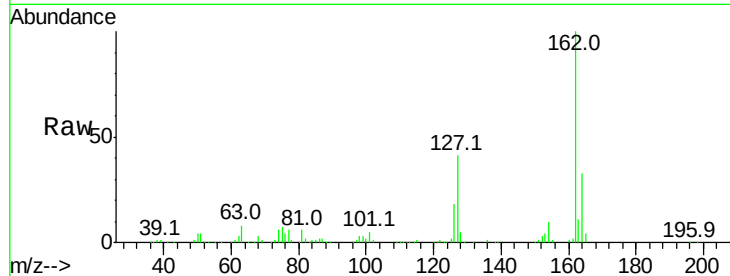




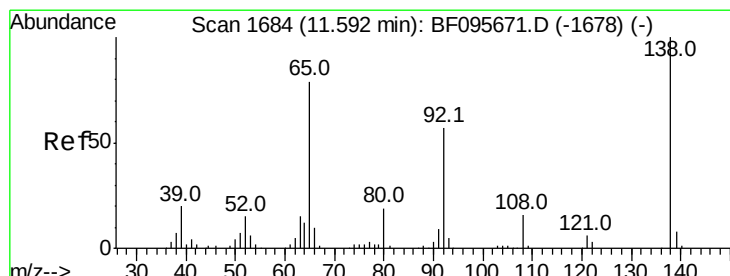
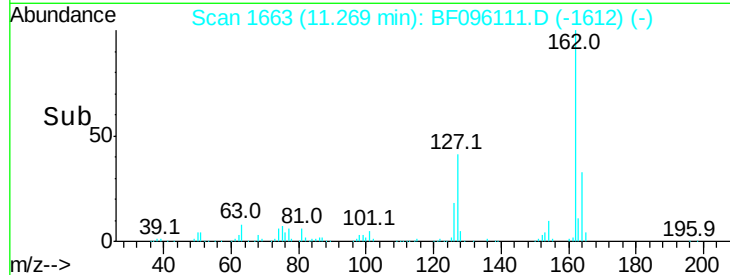
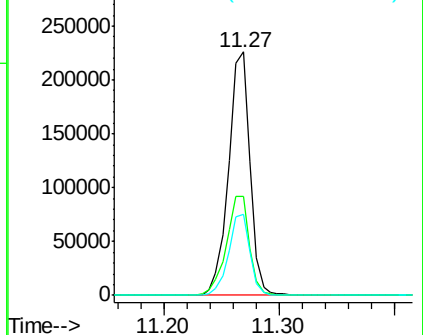
#46
2-Chloronaphthalene
Concen: 40.71 ng
RT: 11.27 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	28.3	42.5
164	33.2	27.0	40.4

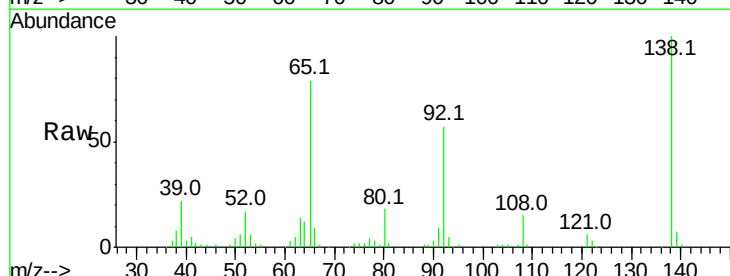


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

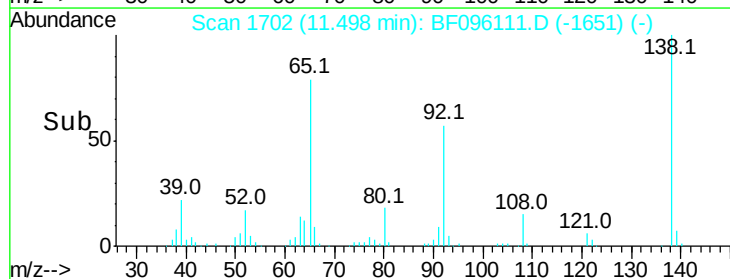
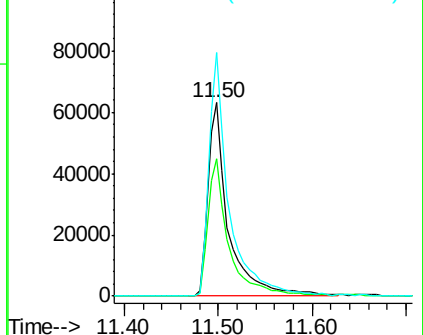


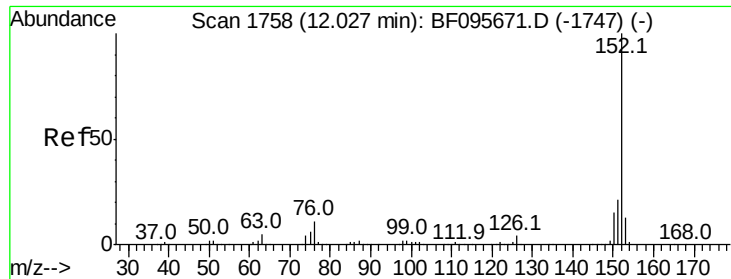
#47
2-Nitroaniline
Concen: 46.30 ng
RT: 11.50 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	126.0	78.8	118.2



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





#48

Acenaphthylene

Concen: 35.64 ng

RT: 11.92 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

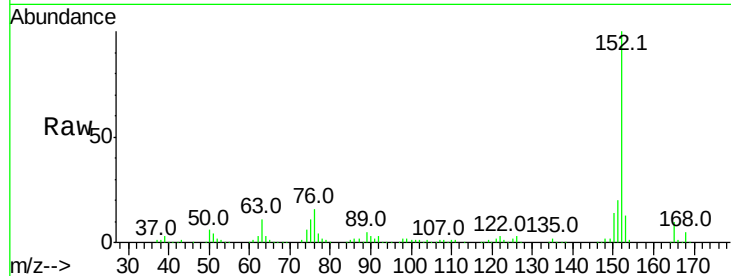
Tot Ion:152 Resp: 436025

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

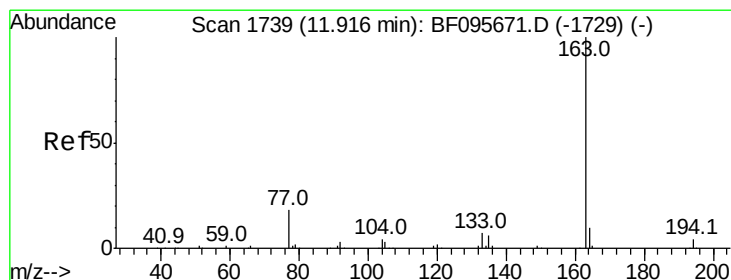
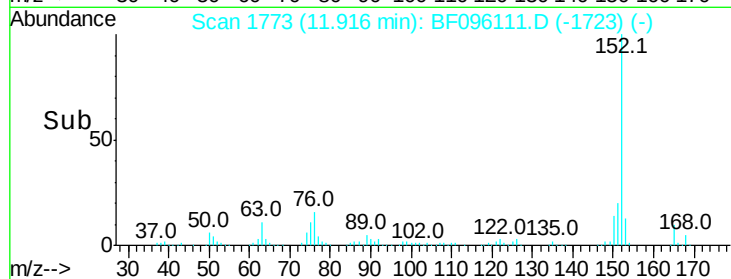
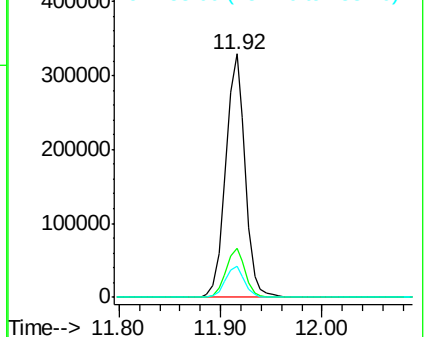
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 72.76 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

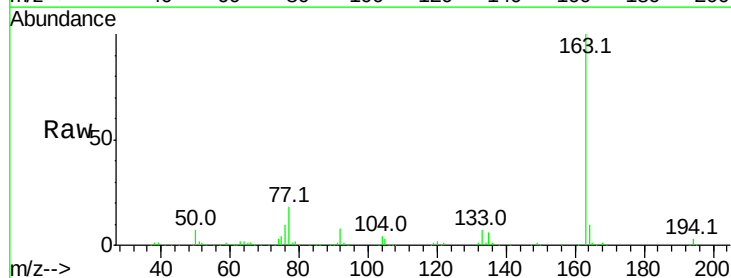
Tgt Ion:163 Resp: 613735

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

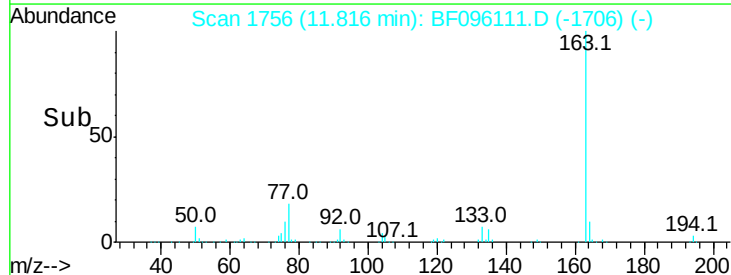
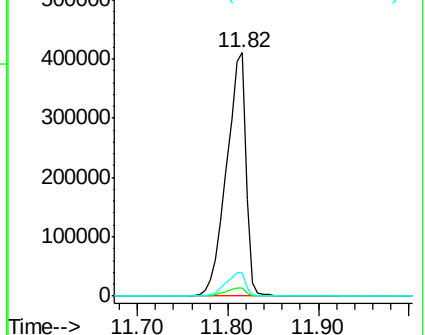
164 9.6 8.4 12.6

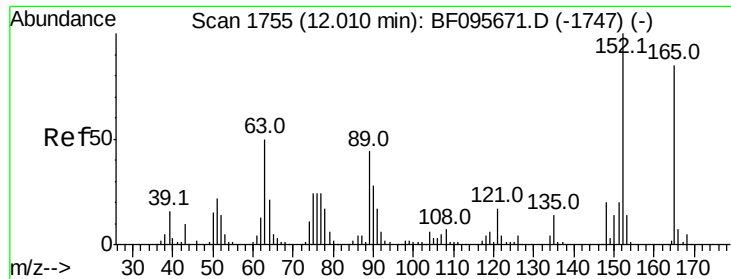


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

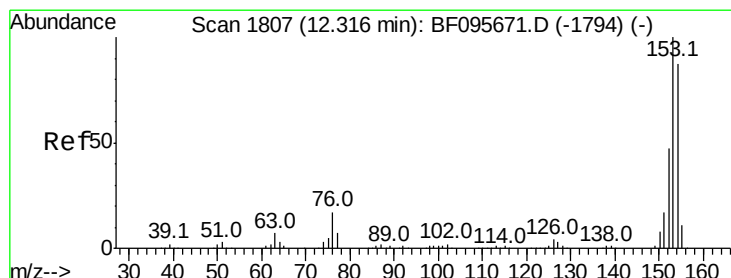
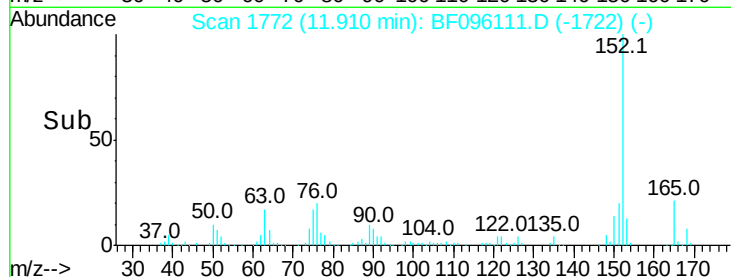
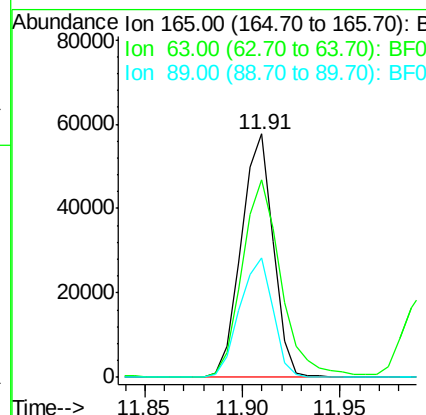
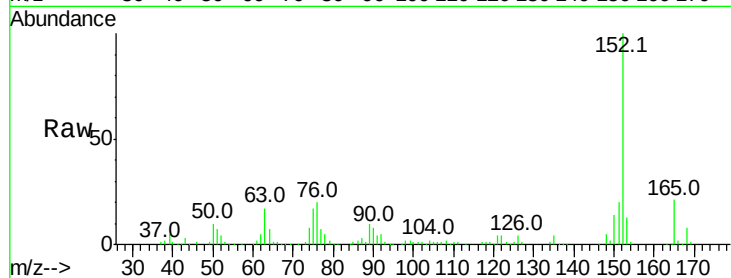




#50
2,6-Dinitrotoluene
Concen: 35.68 ng
RT: 11.91 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

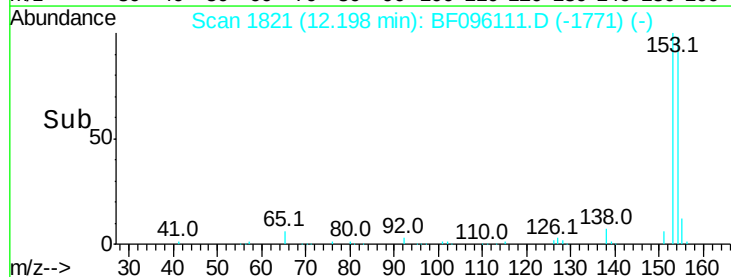
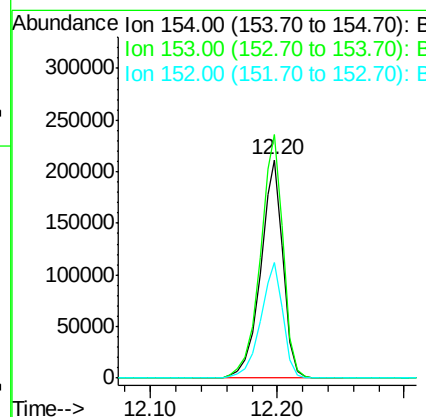
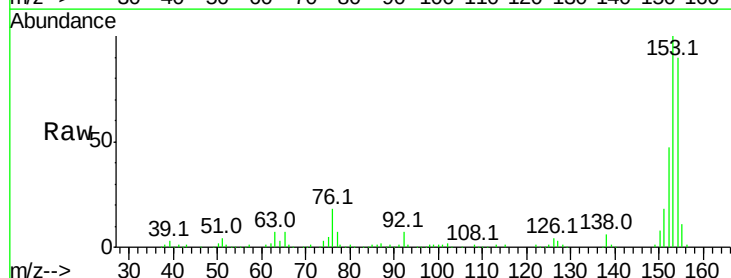
Instrument :
BNA_F
ClientSampled :

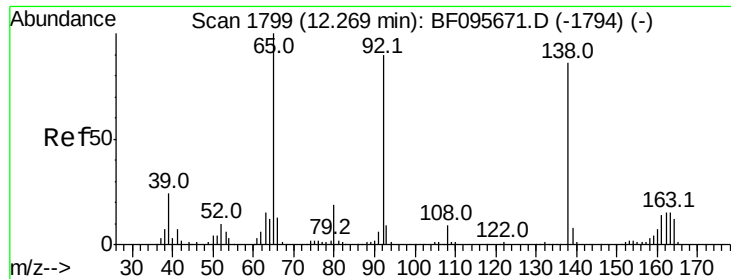
Tot Ion:165 Resp: 65635
Ion Ratio Lower Upper
165 100
63 81.2 34.3 51.5#
89 48.8 37.1 55.7



#51
Acenaphthene
Concen: 36.82 ng
RT: 12.20 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:154 Resp: 260158
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 52.9 43.6 65.4





#52

3-Nitroaniline

Concen: 35.21 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

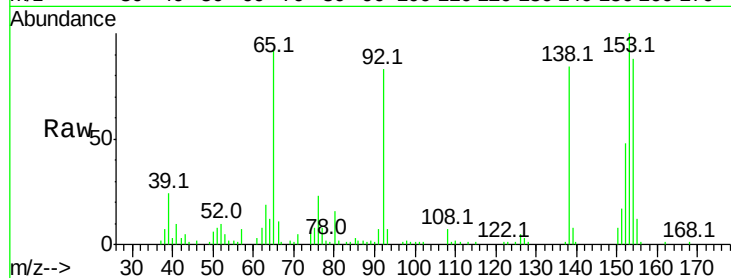
Tot Ion:138 Resp: 75483

Ion Ratio Lower Upper

138 100

108 8.7 9.1 13.7#

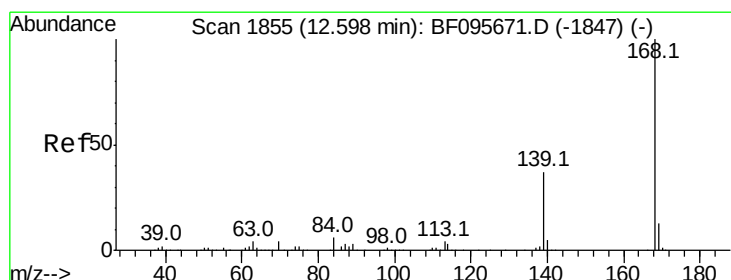
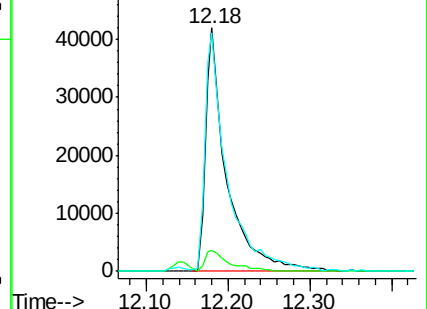
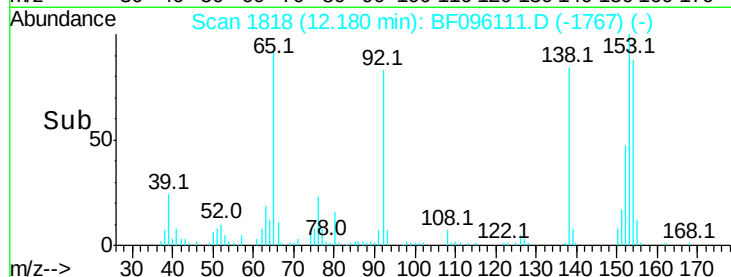
92 98.0 93.8 140.6



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



#54

Dibenzofuran

Concen: 39.66 ng

RT: 12.49 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

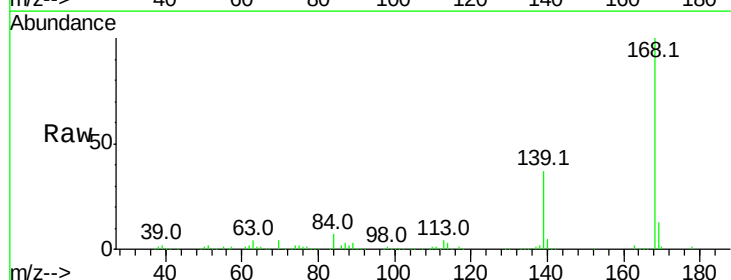
Tgt Ion:168 Resp: 394336

Ion Ratio Lower Upper

168 100

139 37.3 30.6 45.8

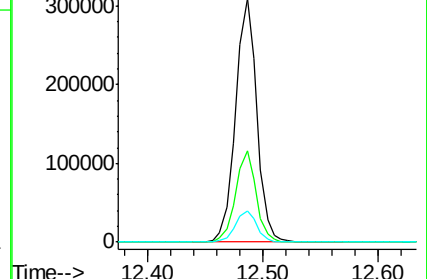
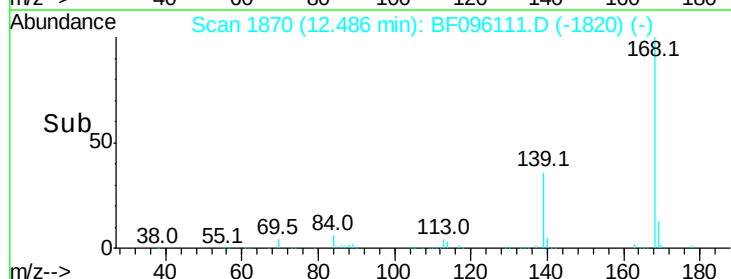
169 13.0 10.8 16.2

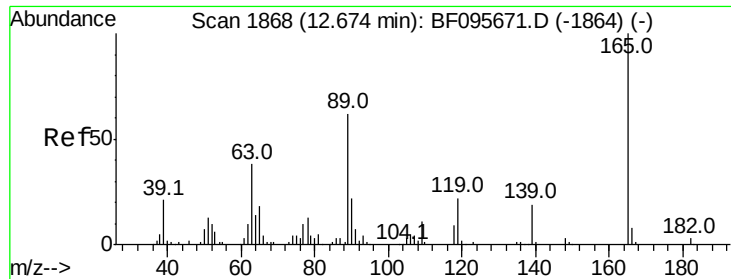


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

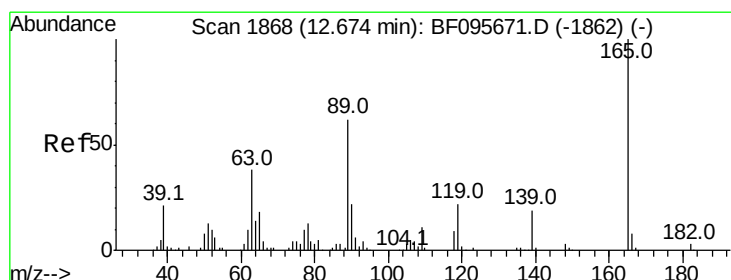
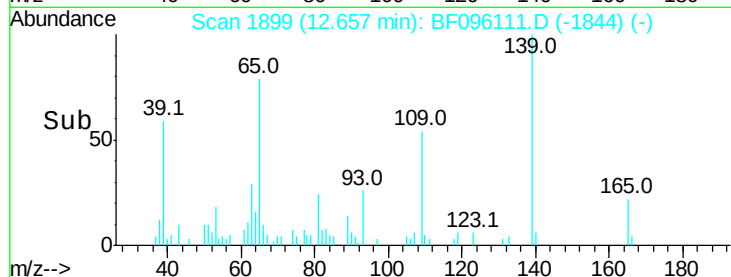
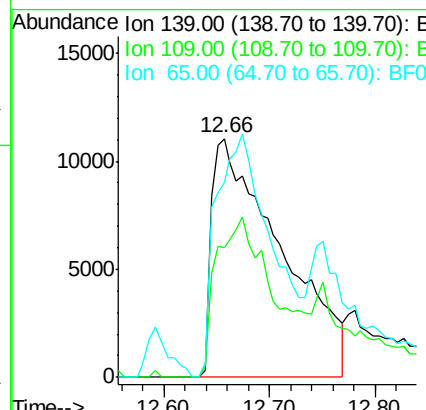
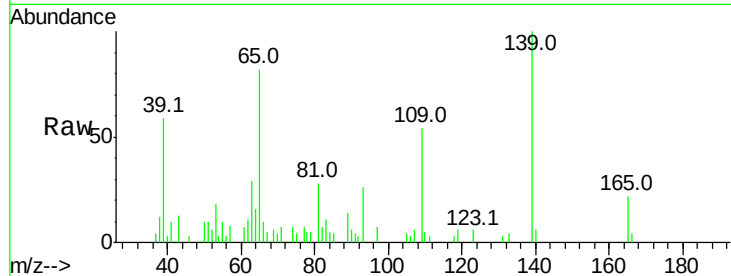




#55
4-Nitrophenol
Concen: 42.58 ng
RT: 12.66 min Scan# 1899
Delta R.T. 0.02 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

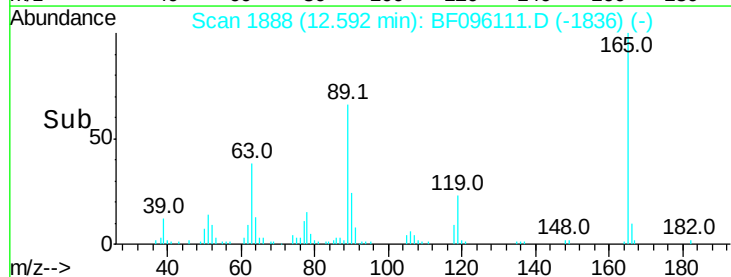
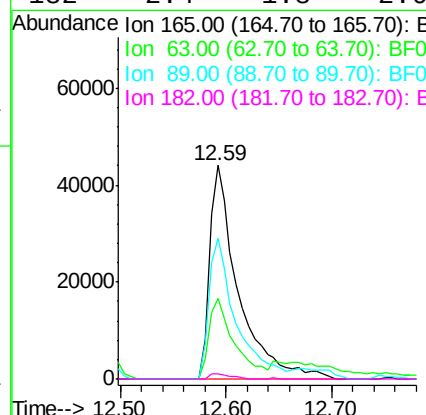
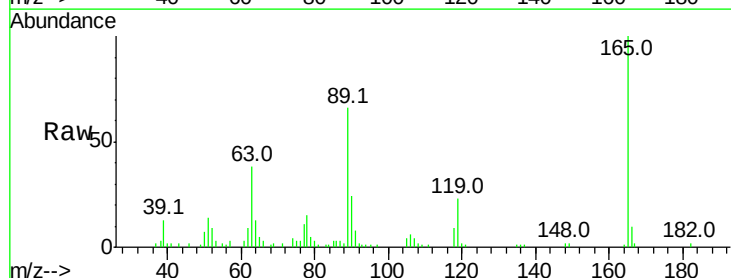
Instrument :
BNA_F
ClientSampleId :

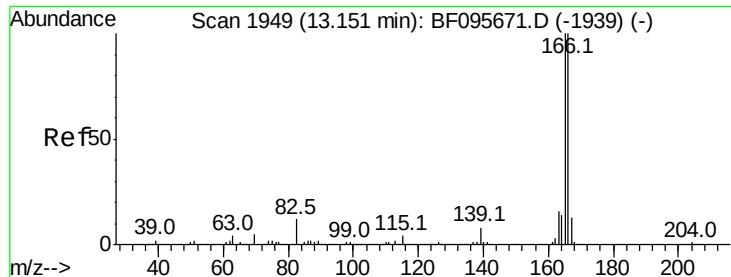
Tot Ion:139 Resp: 50417
Ion Ratio Lower Upper
139 100
109 54.5 34.1 74.1
65 81.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 33.29 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:165 Resp: 82721
Ion Ratio Lower Upper
165 100
63 38.0 25.4 38.0
89 66.0 46.4 69.6
182 2.4 1.8 2.6

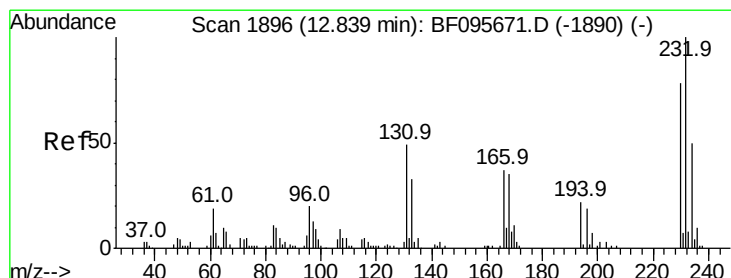
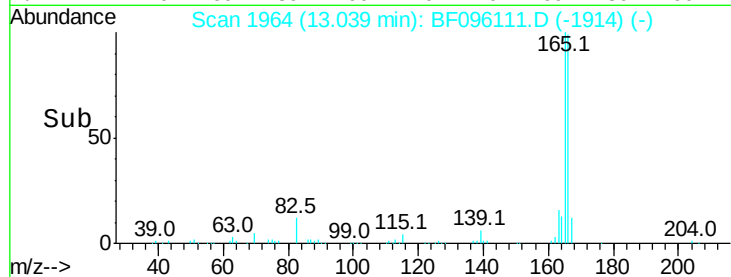
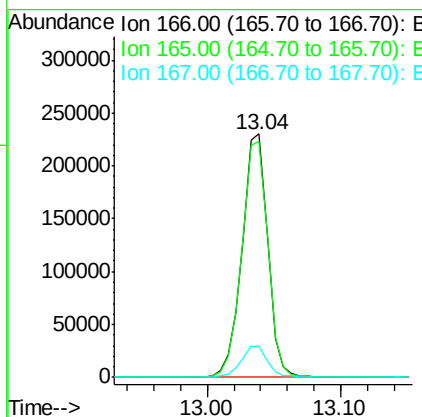
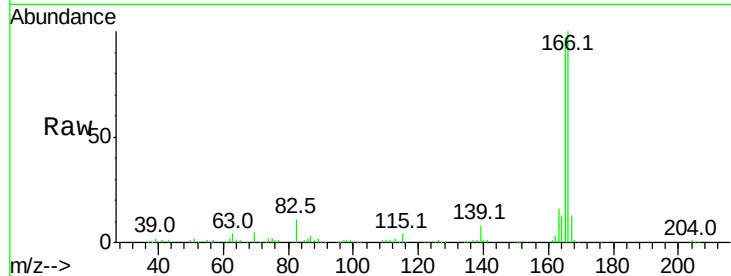




#57
 Fluorene
 Concen: 35.18 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

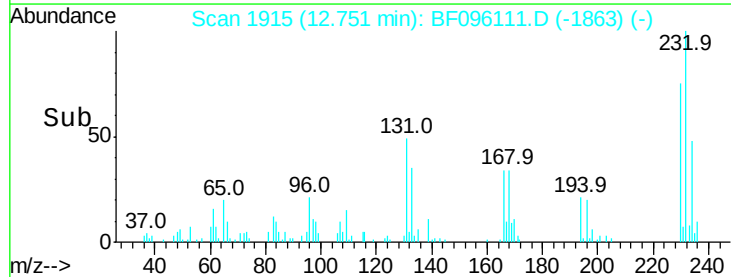
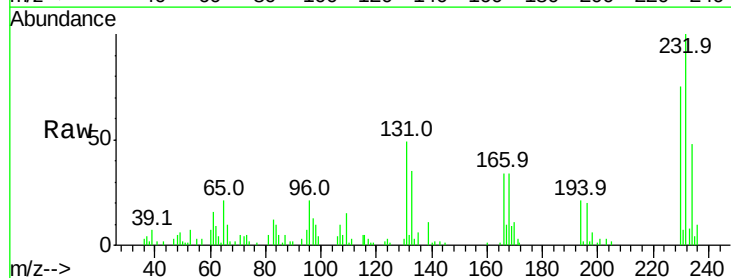
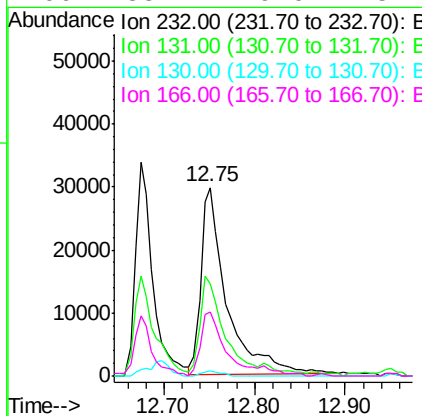
Instrument :
 BNA_F
 ClientSampleId :

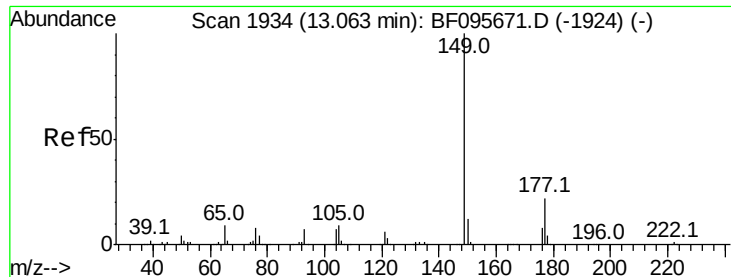
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.8	118.2
167	12.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.33 ng
 RT: 12.75 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.3	44.8	67.2#
130	2.1	2.3	3.5#
166	35.1	29.0	43.4

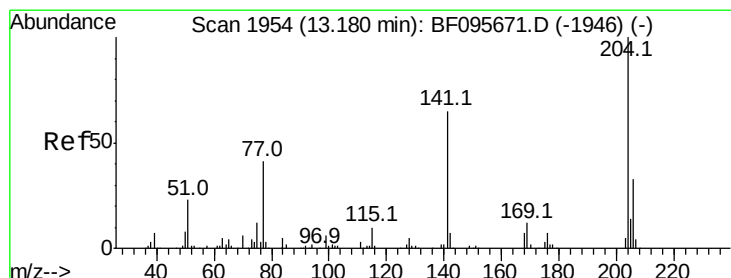
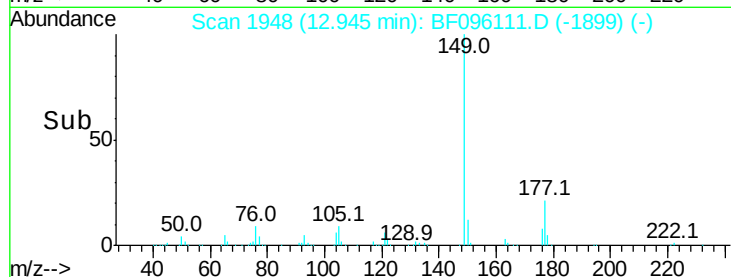
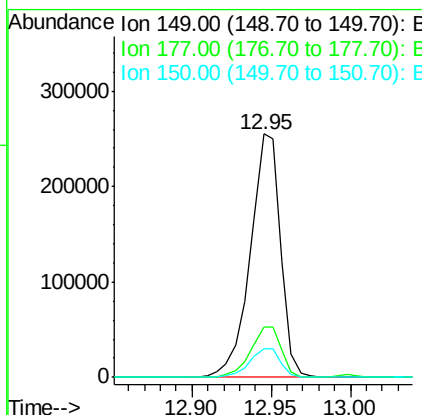
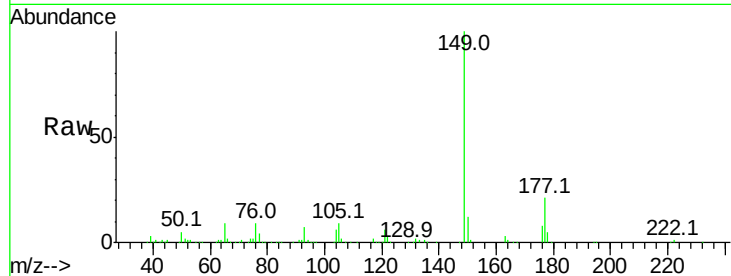




#59
Diethylphthalate
Concen: 41.63 ng
RT: 12.95 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

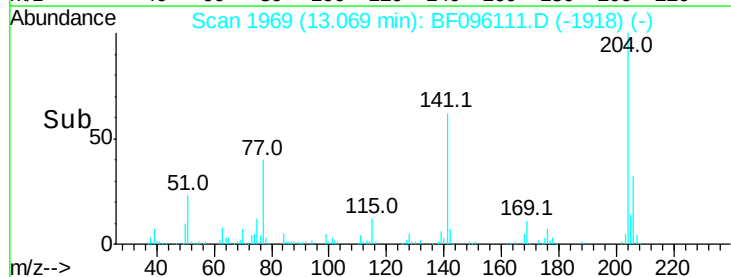
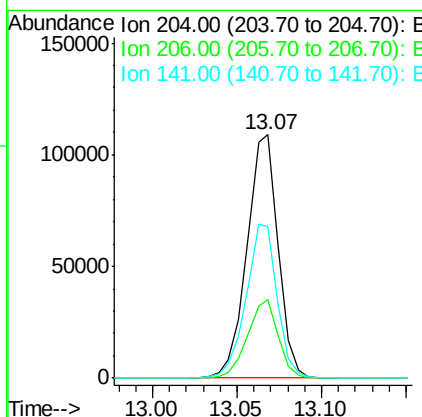
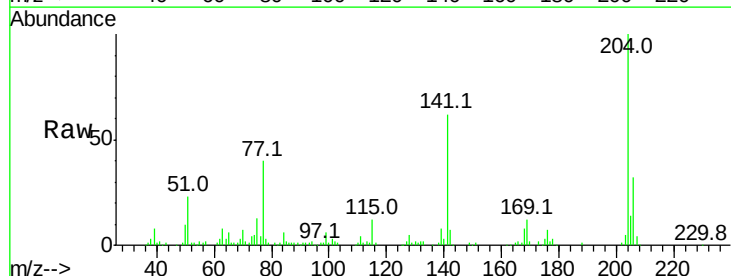
Instrument :
BNA_F
ClientSampleId :

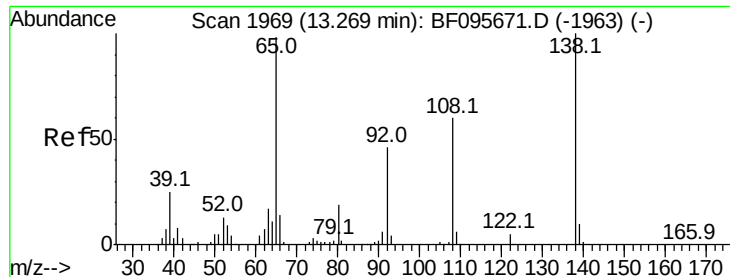
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	11.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 13.07 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	62.2	60.8	91.2

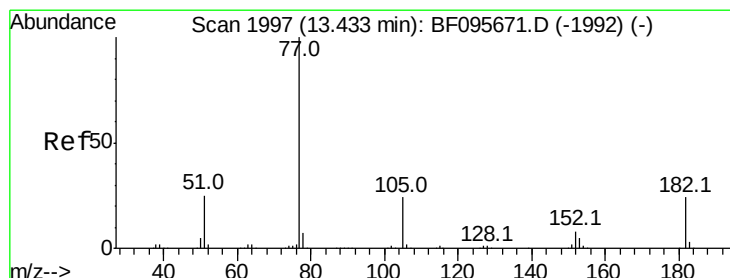
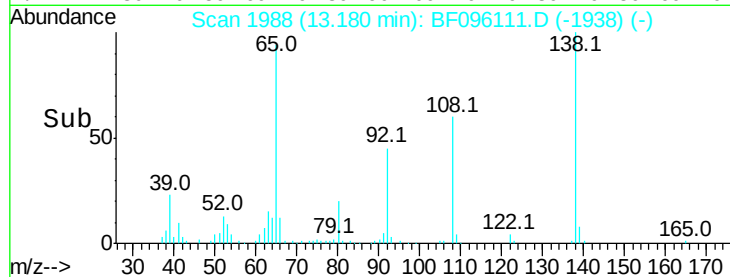
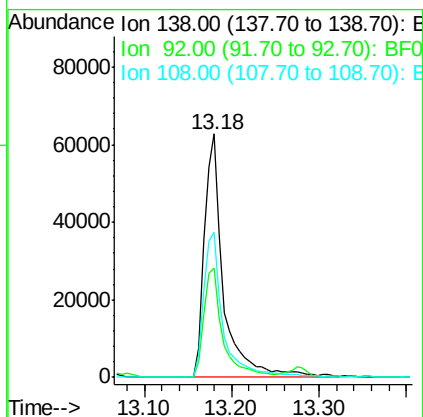
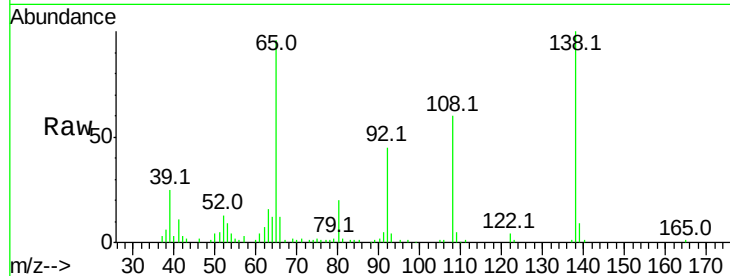




#61
4-Nitroaniline
Concen: 47.91 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

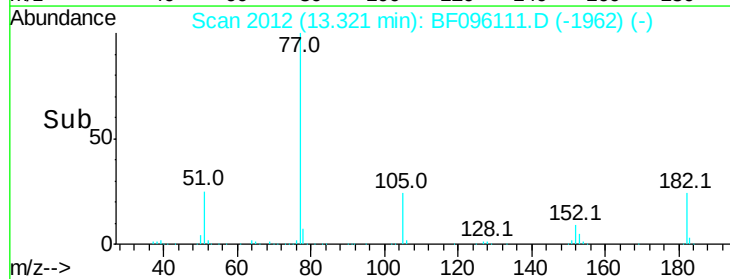
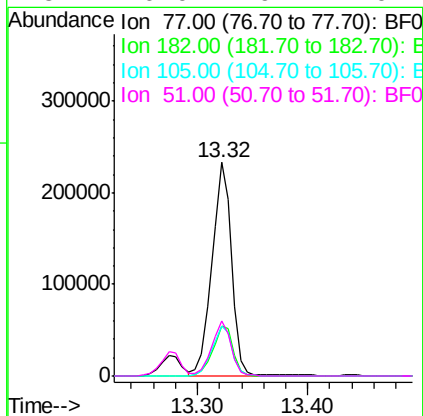
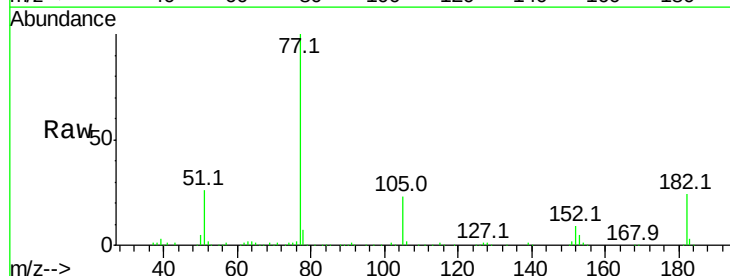
Instrument :
BNA_F
ClientSampled :

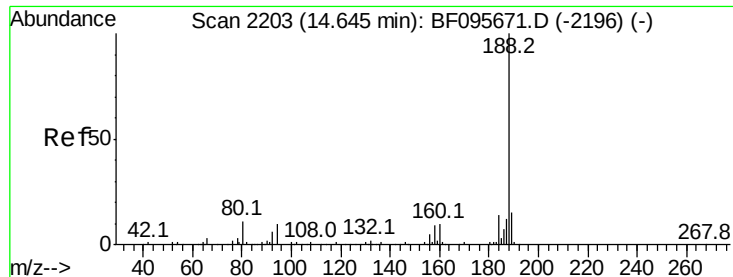
Tot Ion:138 Resp: 95878
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 59.7 42.3 82.3



#62
Azobenzene
Concen: 38.30 ng
RT: 13.32 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 77 Resp: 281732
Ion Ratio Lower Upper
77 100
182 23.5 0.1 40.1
105 23.4 3.6 43.6
51 26.0 9.4 49.4

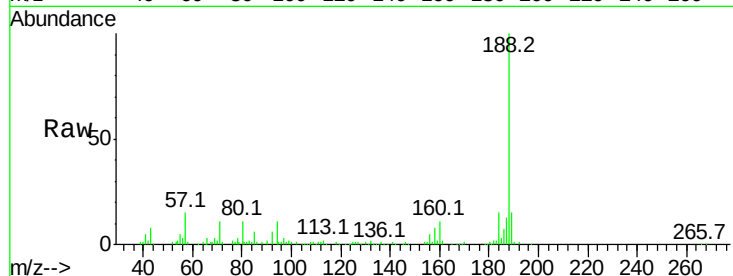




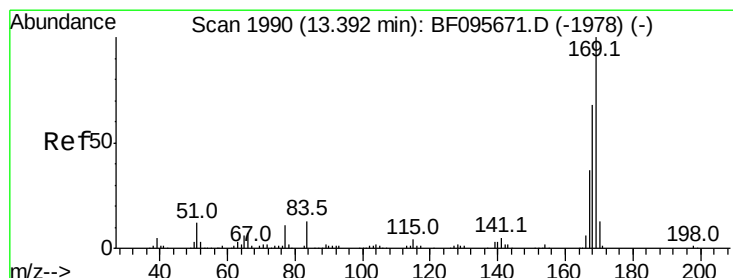
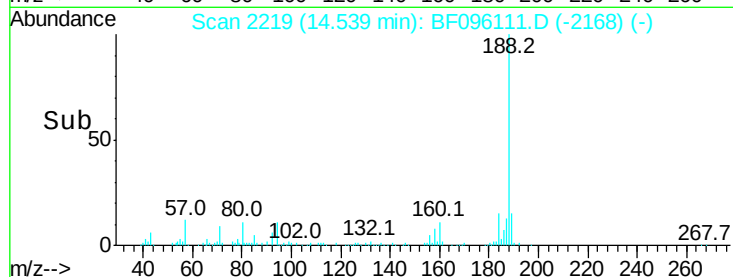
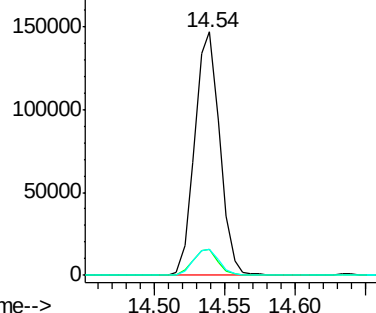
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 180820
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2

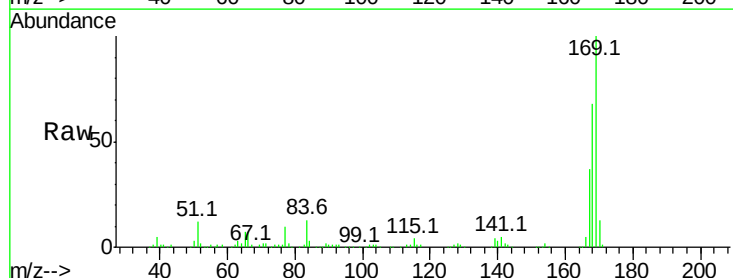


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

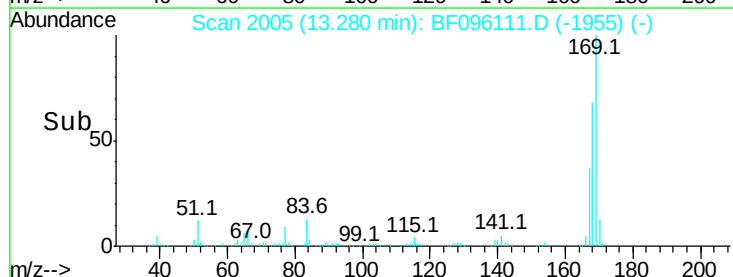
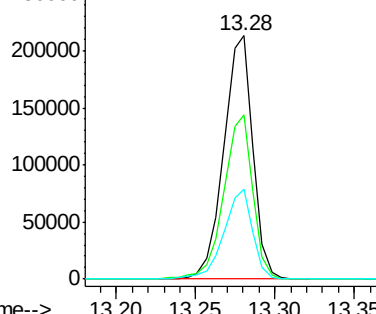


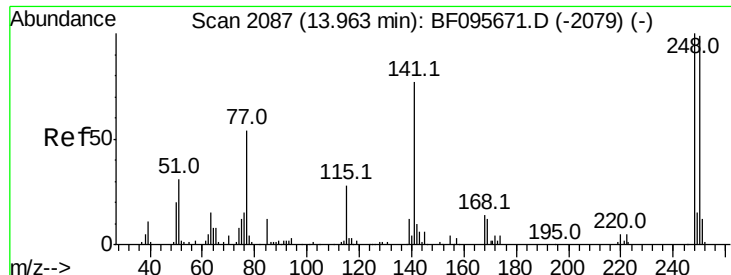
#65
n-Nitrosodiphenylamine
Concen: 41.85 ng
RT: 13.28 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:169 Resp: 271942
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 37.2 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

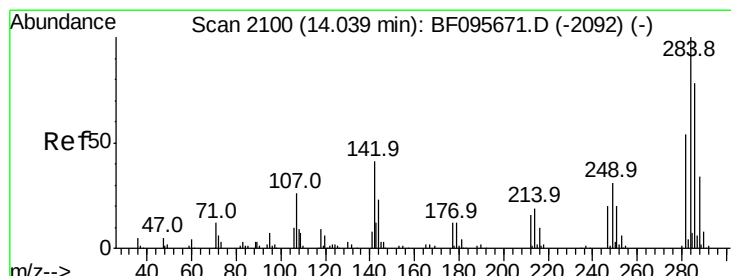
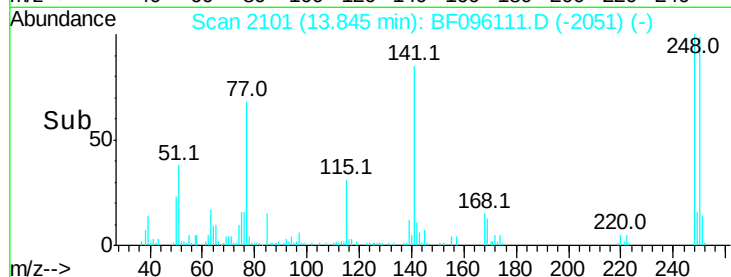
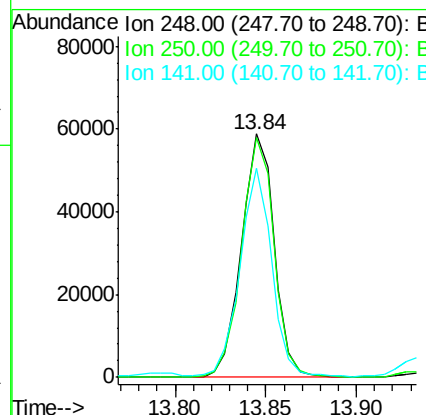
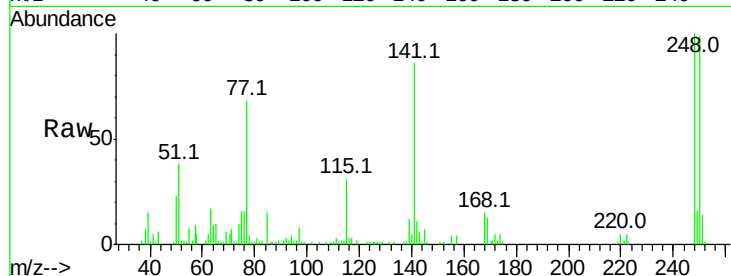




#66
4-Bromophenyl-phenylether
Concen: 39.34 ng
RT: 13.84 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

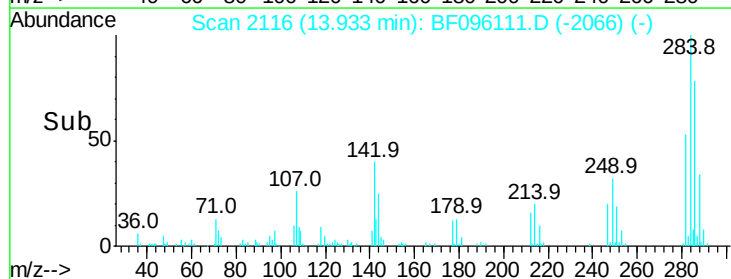
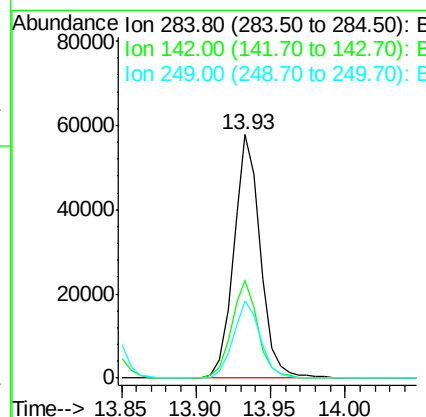
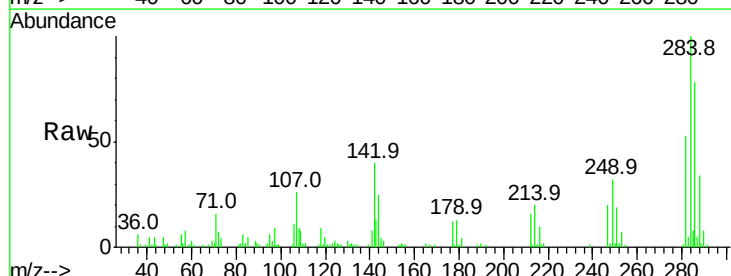
Instrument :
BNA_F
ClientSampleId :

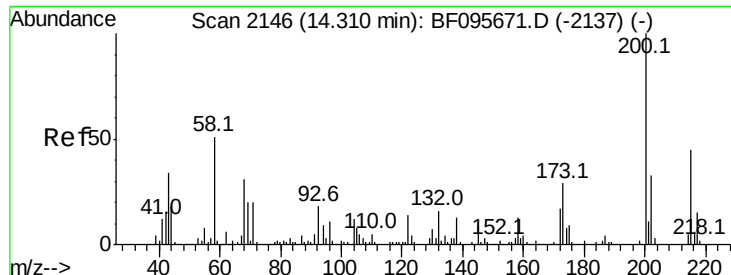
Tot Ion:248 Resp: 73926
Ion Ratio Lower Upper
248 100
250 98.6 76.8 115.2
141 85.8 68.6 103.0



#67
Hexachlorobenzene
Concen: 39.01 ng
RT: 13.93 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:284 Resp: 72230
Ion Ratio Lower Upper
284 100
142 40.1 22.8 34.2#
249 31.7 24.0 36.0

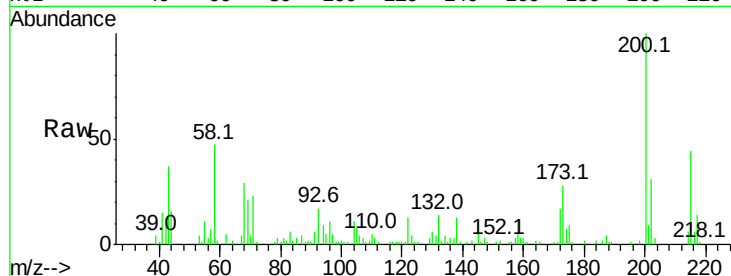




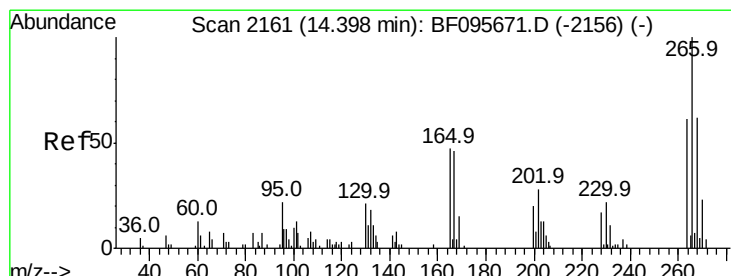
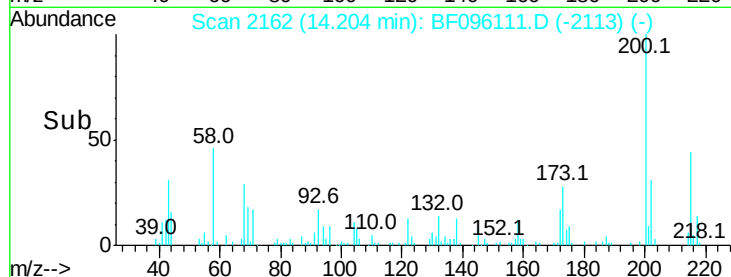
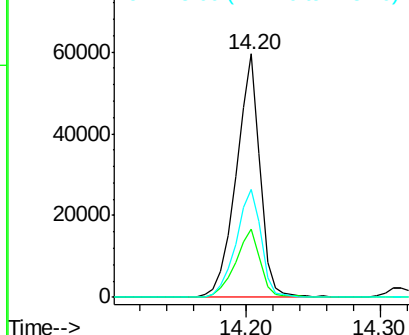
#68
Atrazine
Concen: 40.72 ng
RT: 14.20 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 73633
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 44.3 27.2 67.2

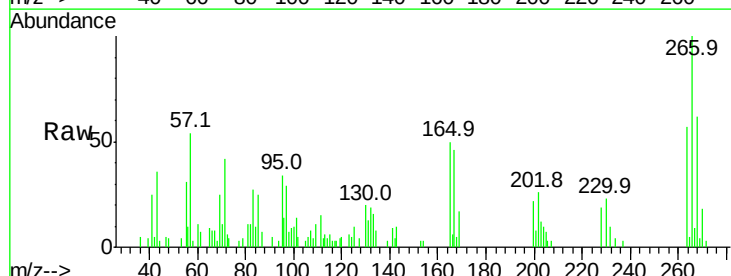


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

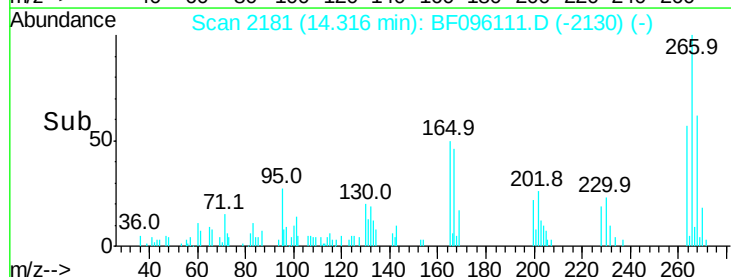
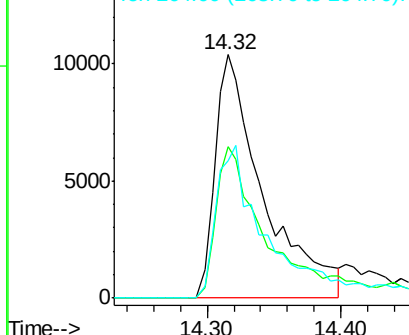


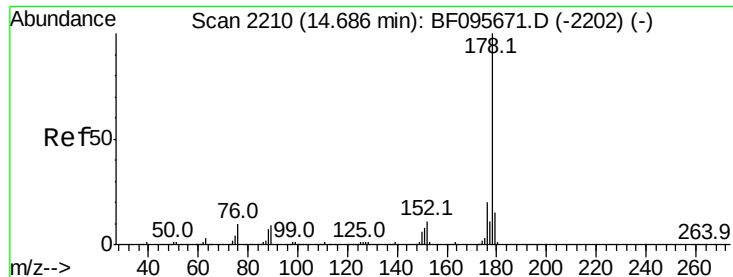
#69
Pentachlorophenol
Concen: 40.71 ng
RT: 14.32 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:266 Resp: 26101
Ion Ratio Lower Upper
266 100
268 62.2 51.1 76.7
264 56.7 51.7 77.5



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

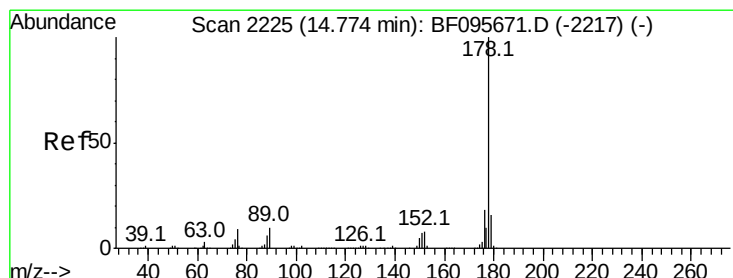
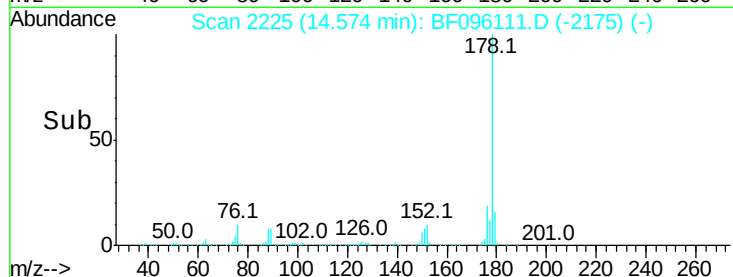
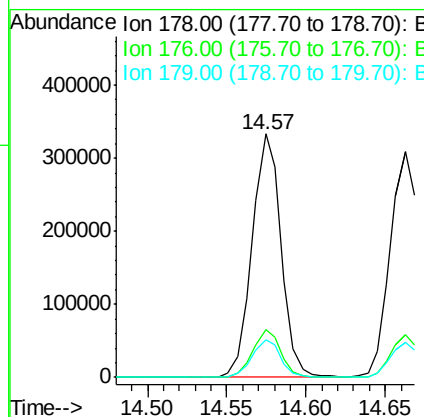
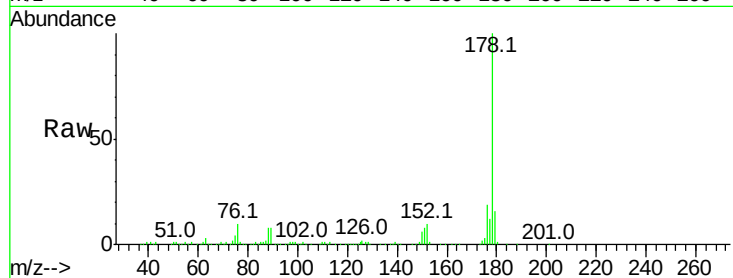




#70
 Phenanthrene
 Concen: 40.45 ng
 RT: 14.57 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

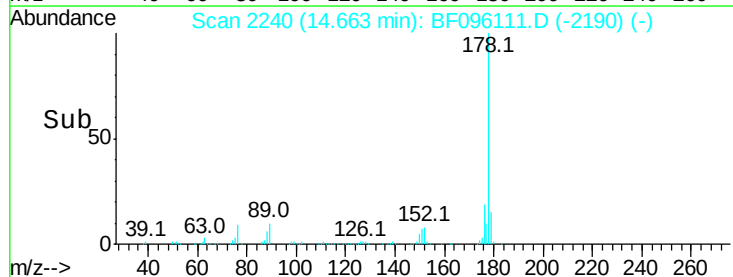
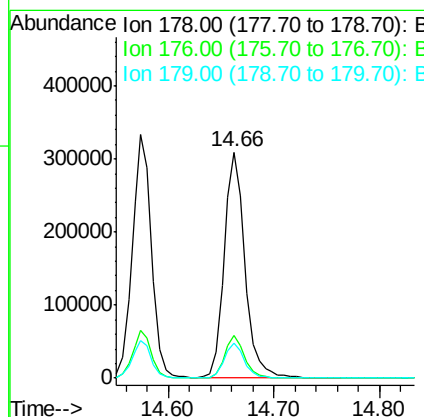
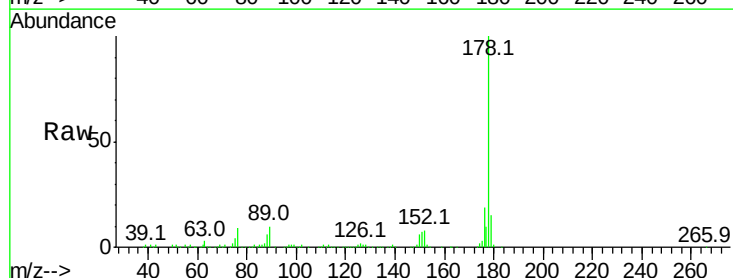
Instrument :
 BNA_F
 ClientSampleId :

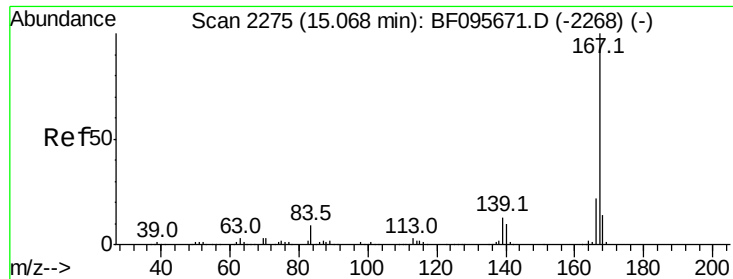
Tot Ion:178 Resp: 422034
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.6 12.6 19.0



#71
 Anthracene
 Concen: 38.71 ng
 RT: 14.66 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:178 Resp: 421648
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.4 12.7 19.1





#72

Carbazole

Concen: 40.03 ng

RT: 14.97 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

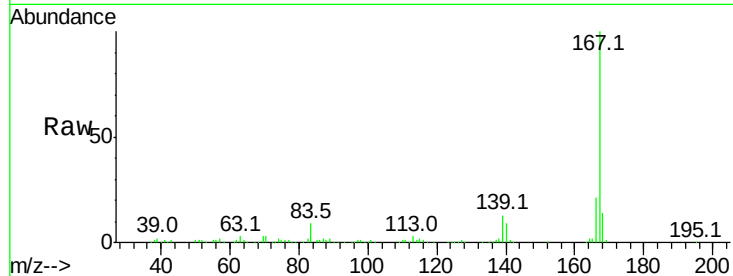
Tot Ion:167 Resp: 424930

Ion Ratio Lower Upper

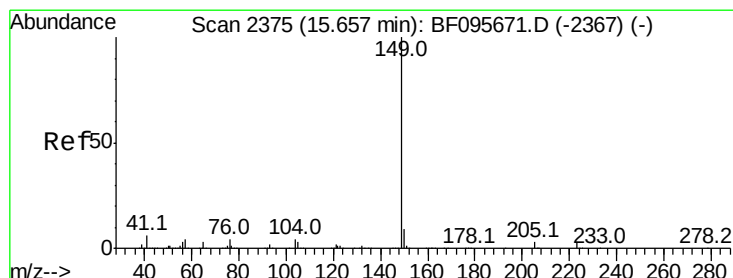
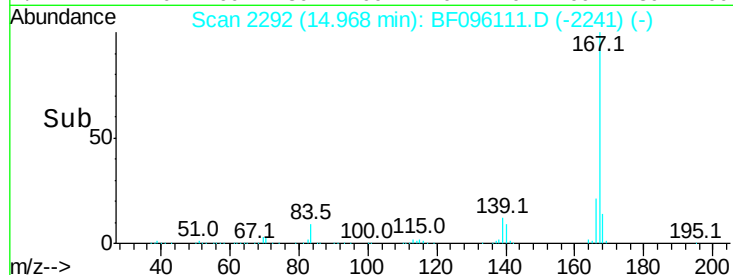
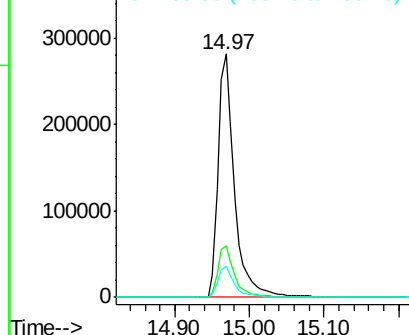
167 100

166 21.2 18.1 27.1

139 12.7 11.7 17.5



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



#73

Di-n-butylphthalate

Concen: 42.92 ng

RT: 15.56 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

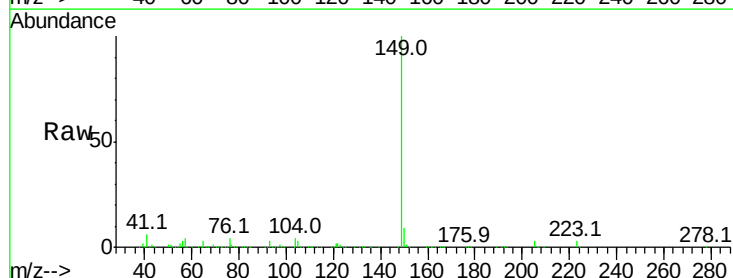
Tgt Ion:149 Resp: 484647

Ion Ratio Lower Upper

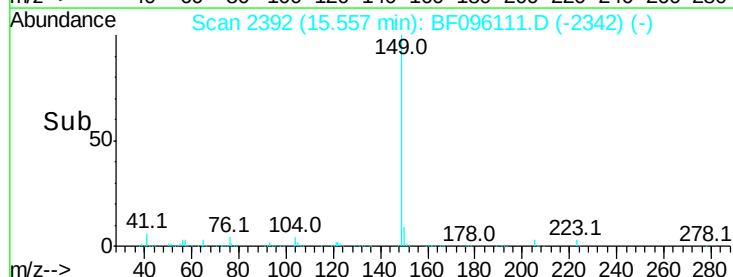
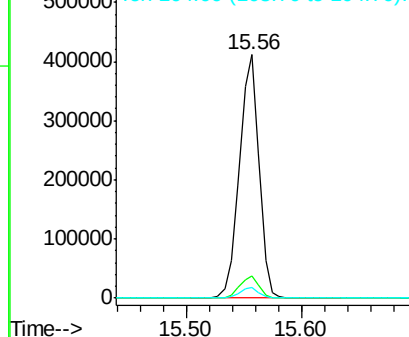
149 100

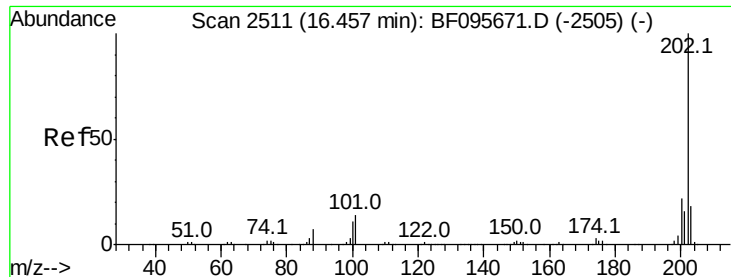
150 8.9 7.7 11.5

104 4.2 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

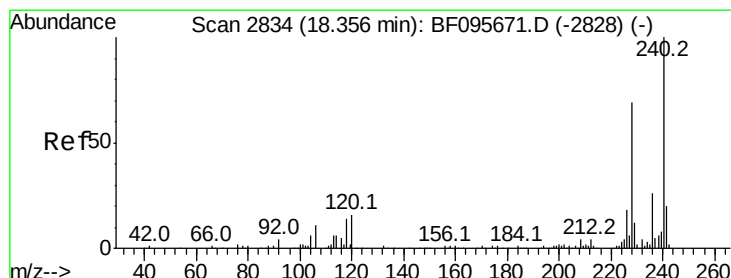
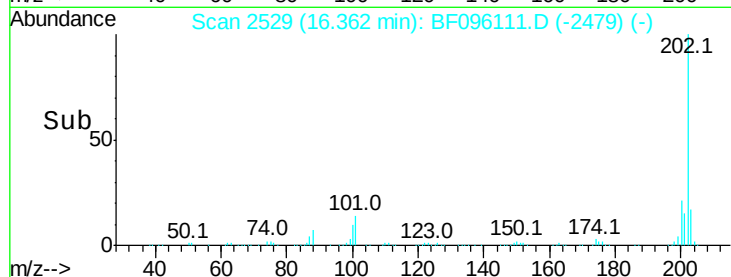
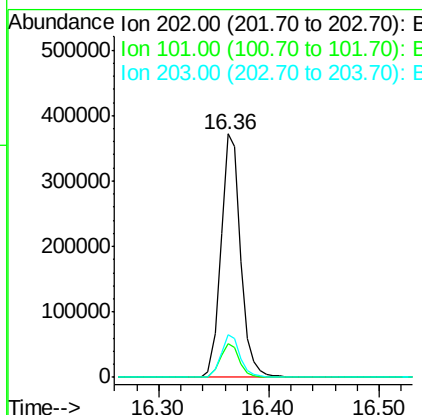
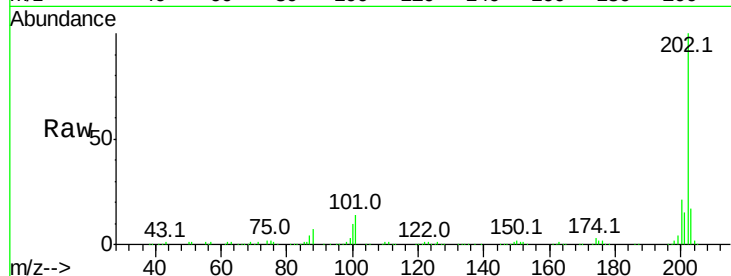




#74
 Fluoranthene
 Concen: 44.72 ng
 RT: 16.36 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

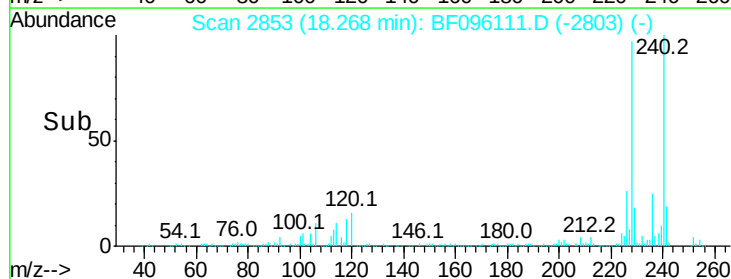
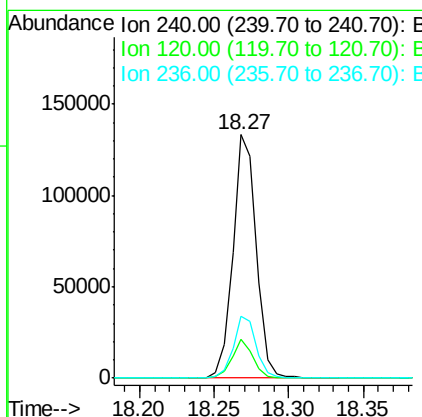
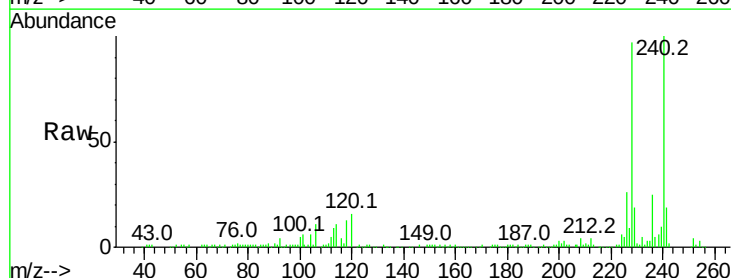
Instrument :
 BNA_F
 ClientSampled :

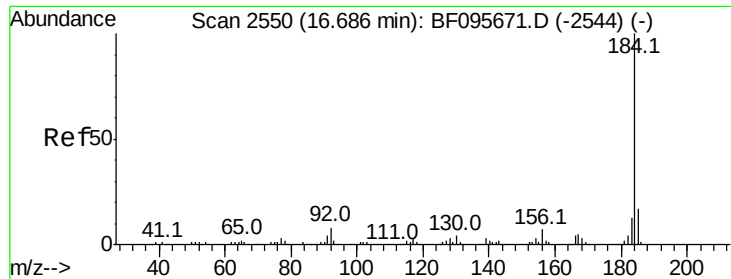
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	25.2	20.5	30.7

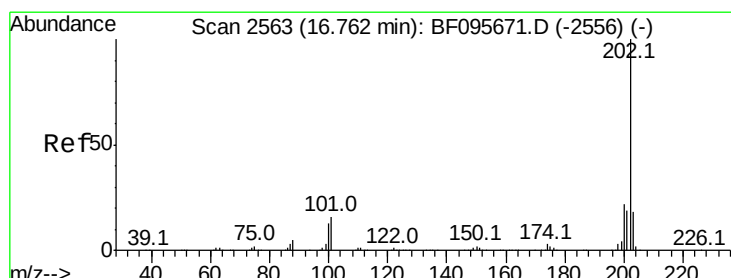
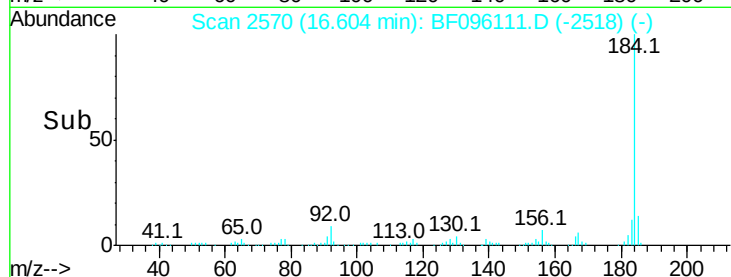
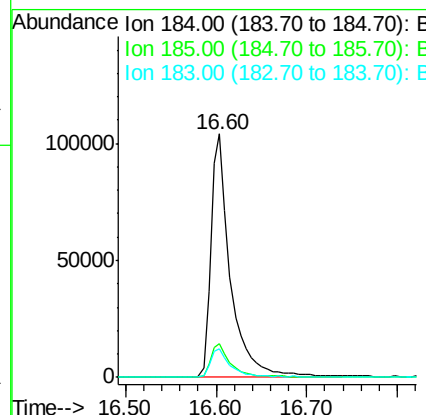
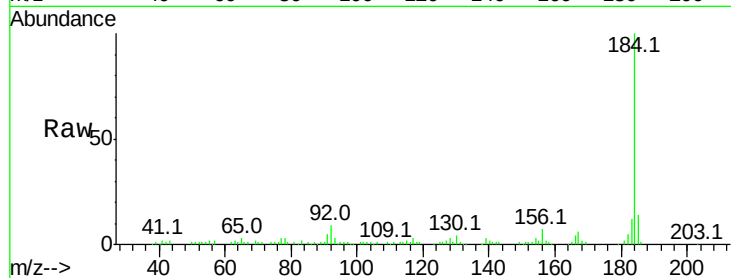




#76
Benzidine
Concen: 28.27 ng
RT: 16.60 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

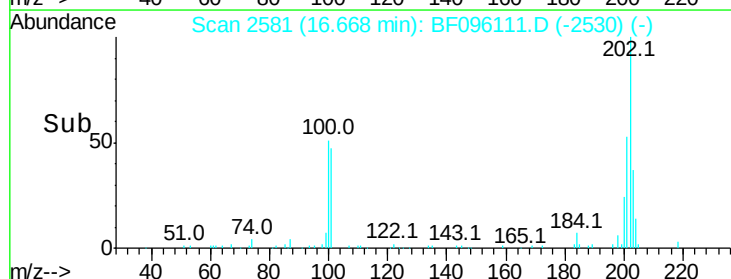
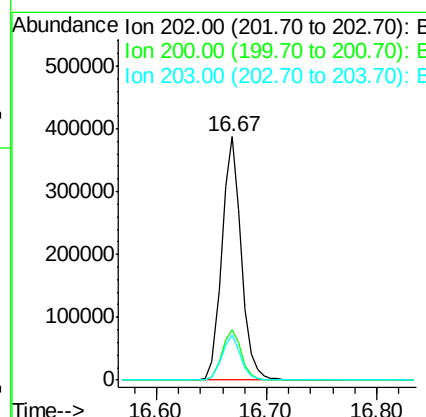
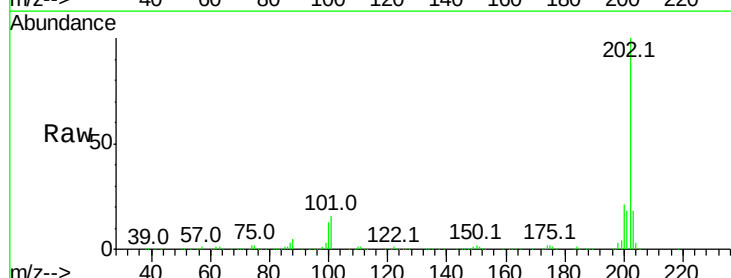
Instrument :
BNA_F
ClientSampleId :

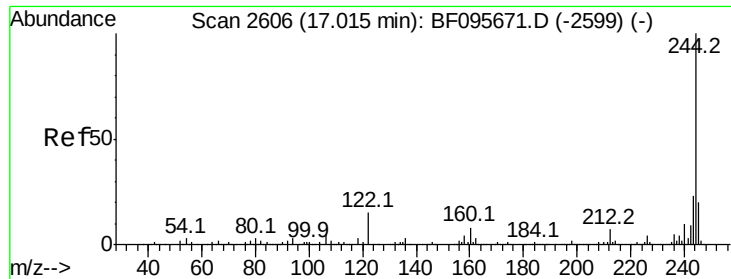
Tot Ion:184 Resp: 157736
Ion Ratio Lower Upper
184 100
185 13.9 15.5 23.3#
183 11.6 9.8 14.6



#77
Pyrene
Concen: 43.47 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:202 Resp: 471124
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 18.5 14.4 21.6

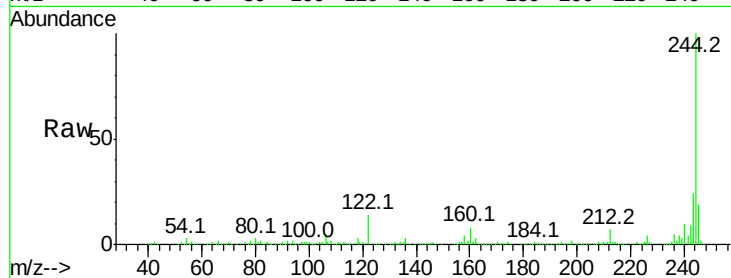




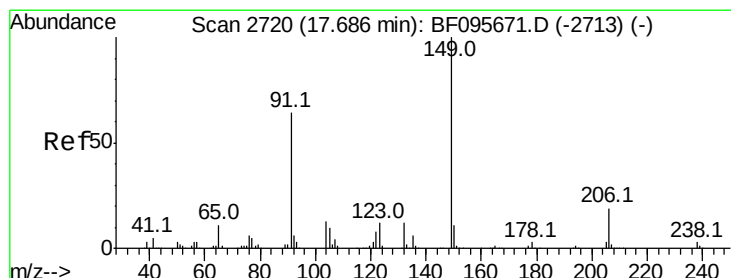
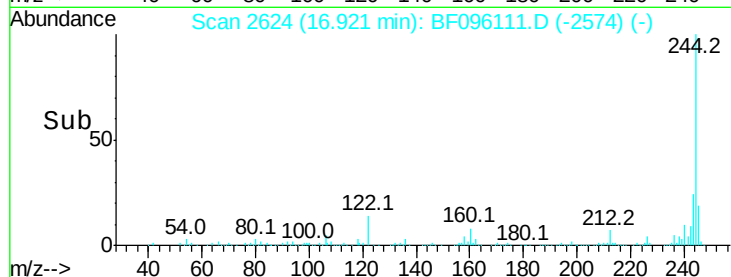
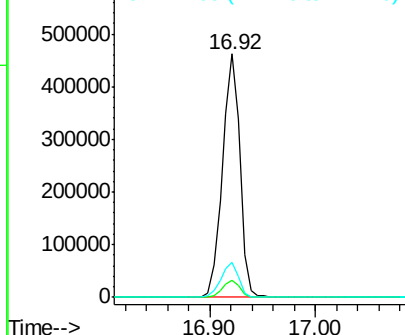
#78
 Terphenyl-d14
 Concen: 90.92 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.2	10.3	15.5

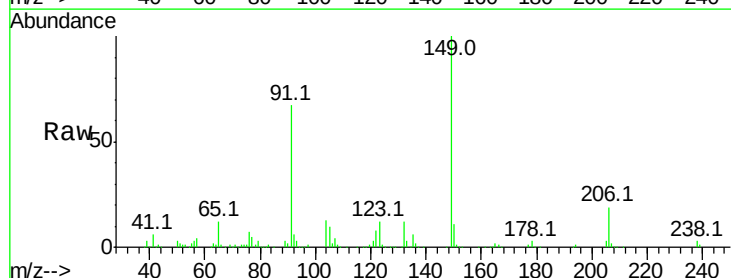


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

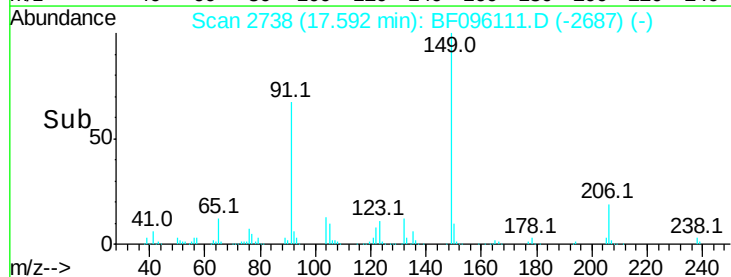
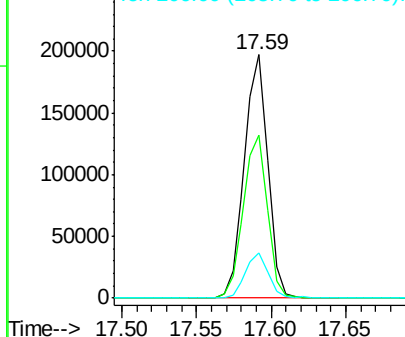


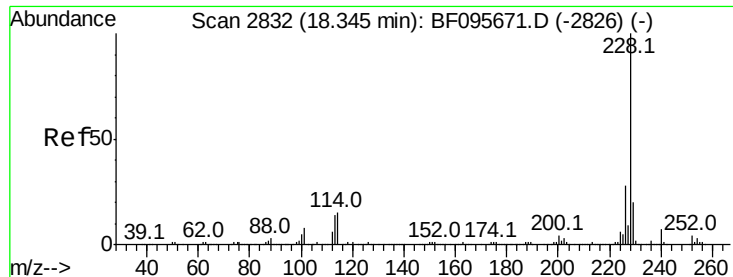
#79
 Butylbenzylphthalate
 Concen: 45.59 ng
 RT: 17.59 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	45.0	67.4
206	18.6	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

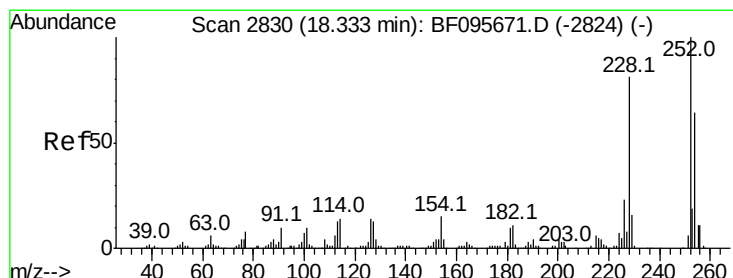
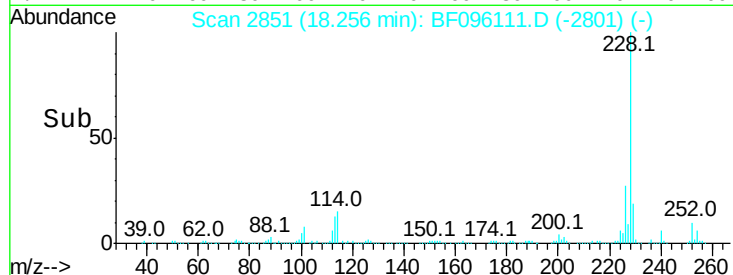
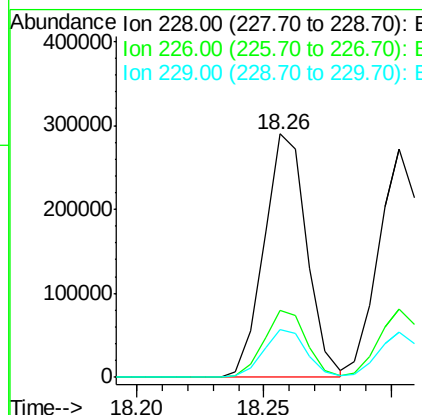
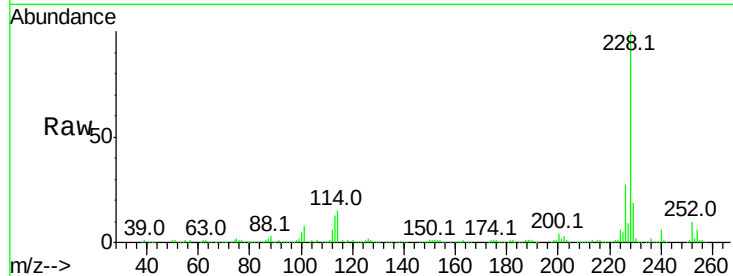




#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

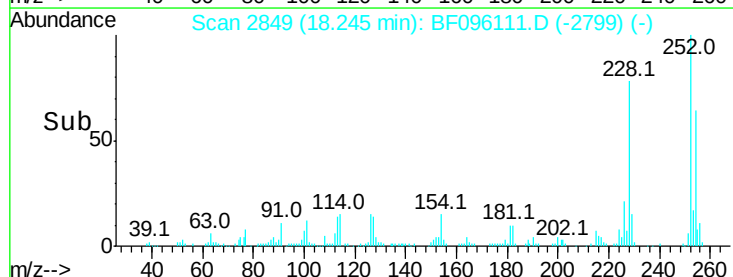
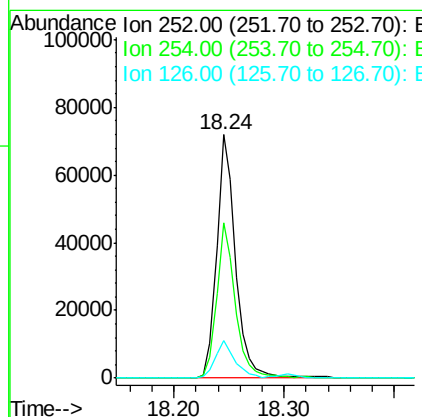
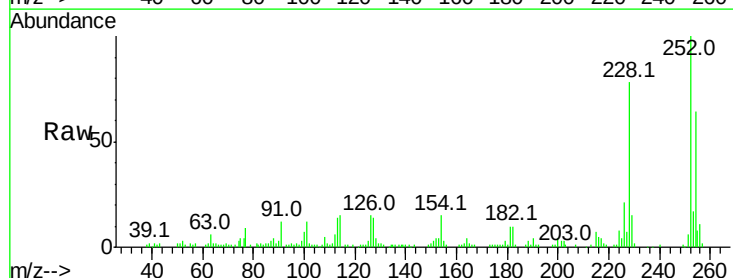
Instrument :
BNA_F
ClientSampleId :

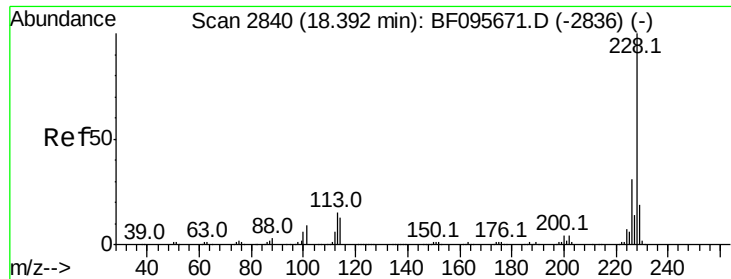
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.5	16.3	24.5



#81
3,3'-Dichlorobenzidine
Concen: 28.20 ng
RT: 18.24 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	15.4	15.8	23.8





#82

Chrysene

Concen: 38.58 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

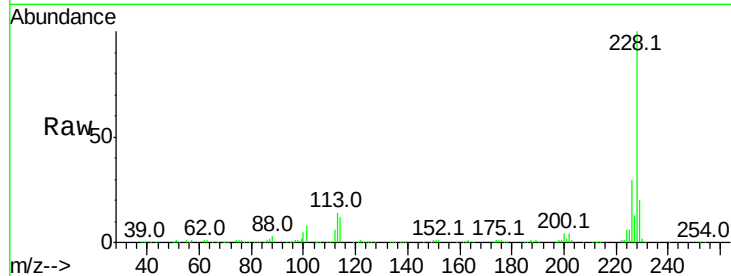
Tot Ion:228 Resp: 325672

Ion Ratio Lower Upper

228 100

226 29.6 24.9 37.3

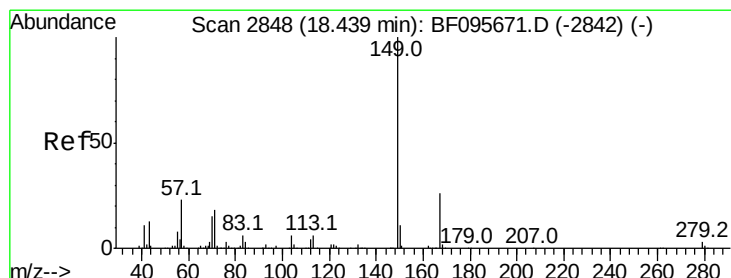
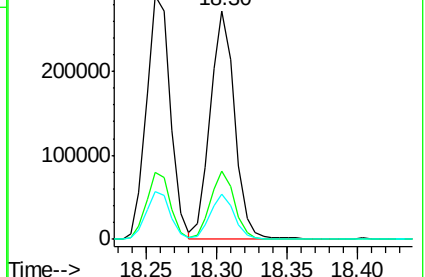
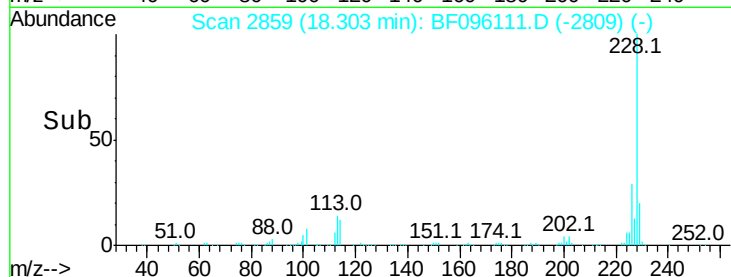
229 19.9 15.8 23.6



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: 46.23 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

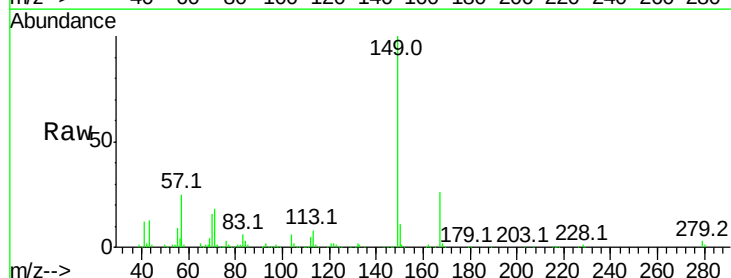
Tgt Ion:149 Resp: 308699

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

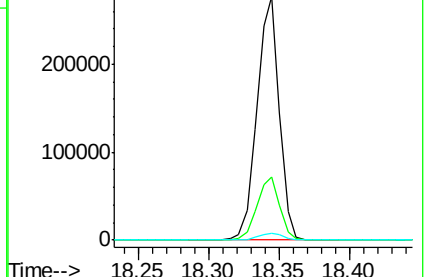
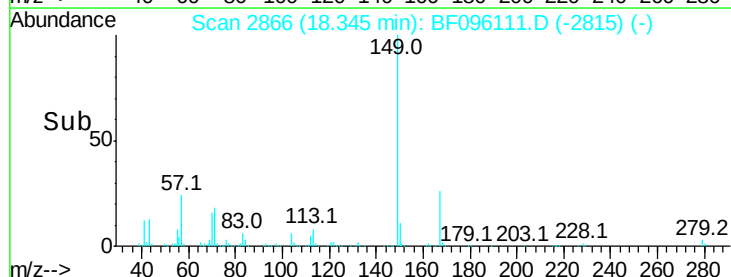
279 3.0 1.9 2.9#

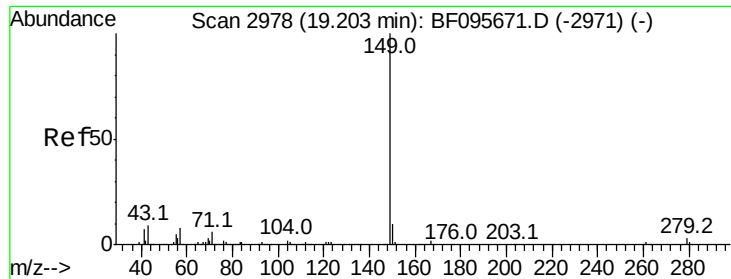


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

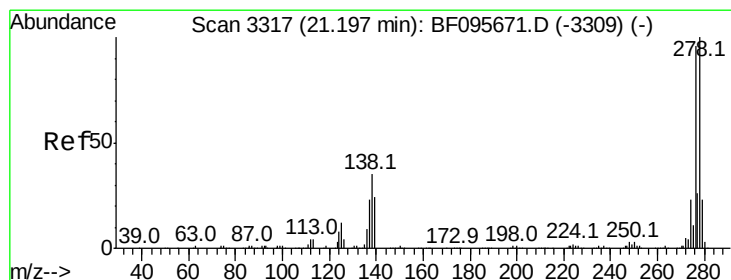
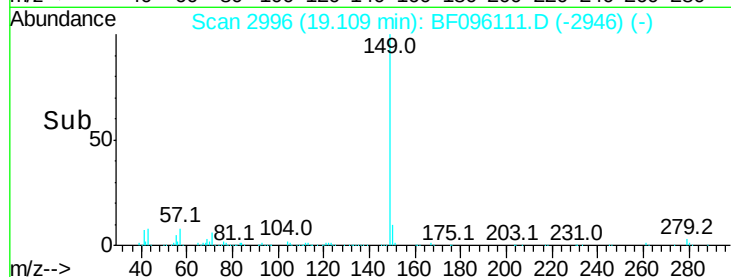
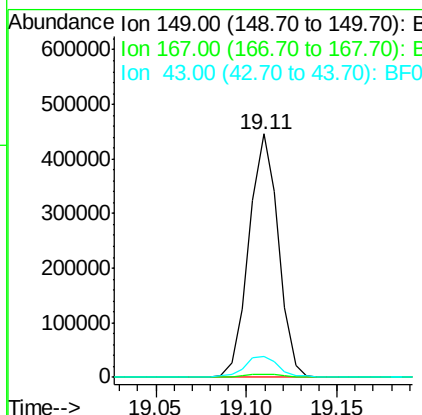
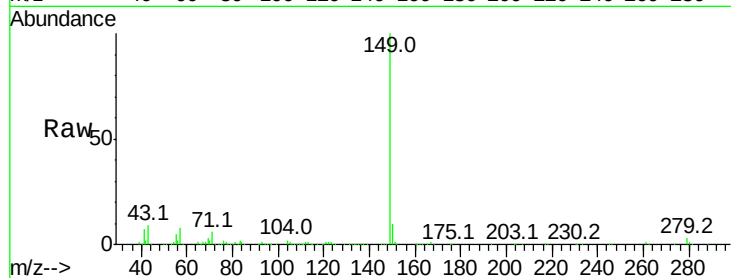




#84
 Di-n-octyl phthalate
 Concen: 45.46 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

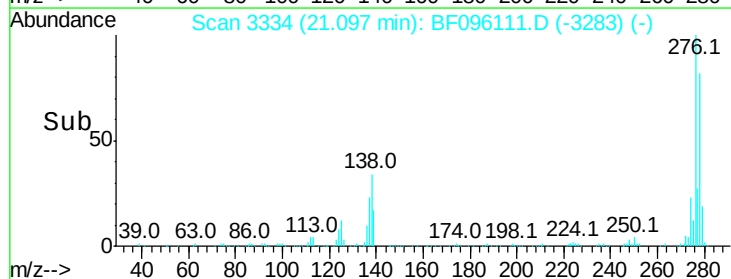
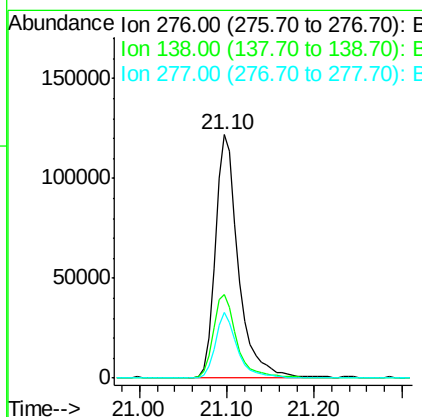
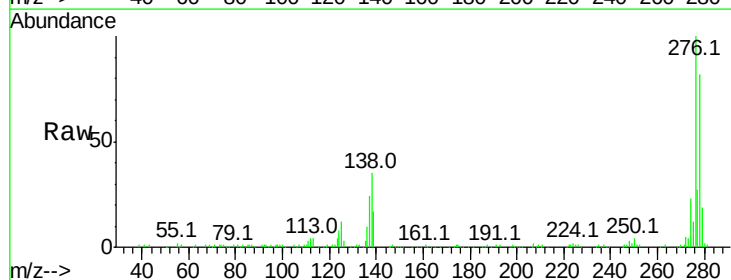
Instrument :
 BNA_F
 ClientSampleId :

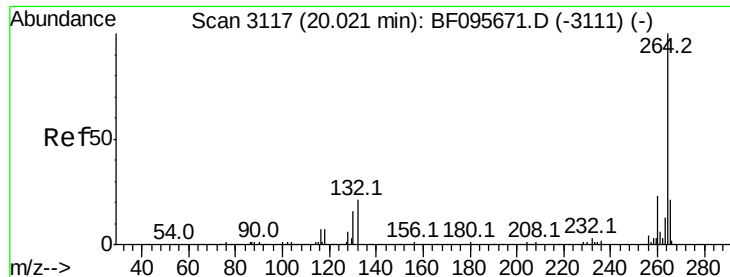
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	8.5	12.7



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.86 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.6	20.2	30.4

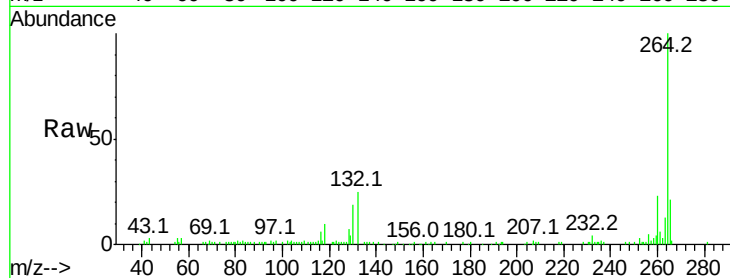




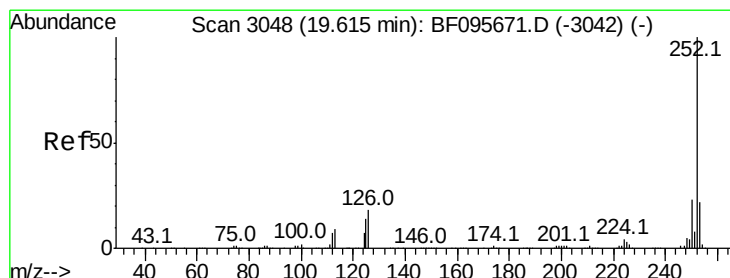
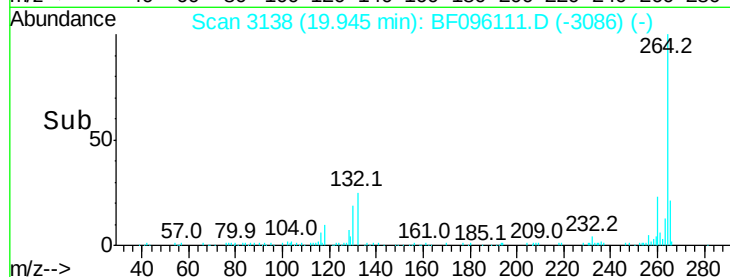
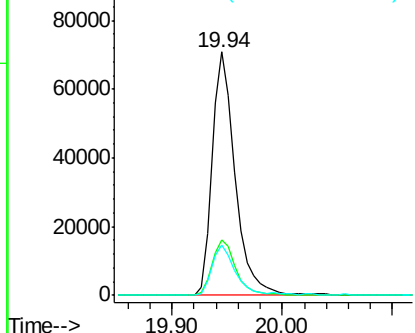
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 100822
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 20.7 17.2 25.8

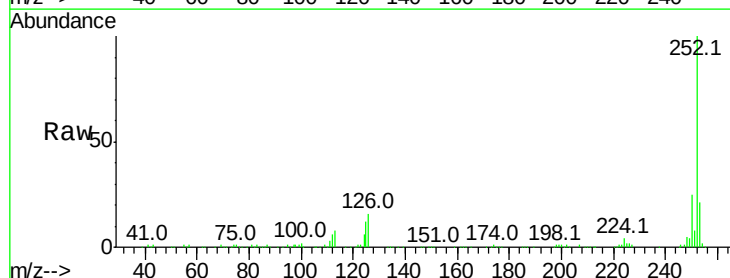


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

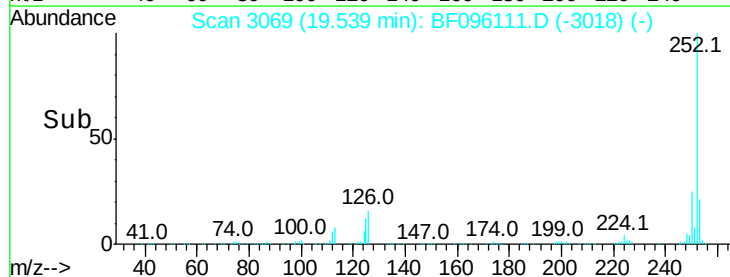
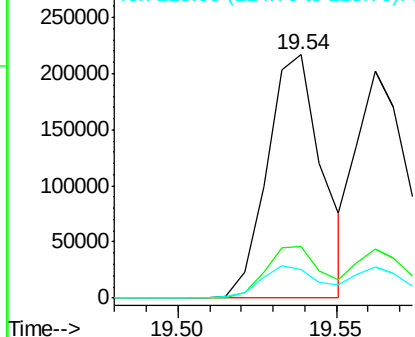


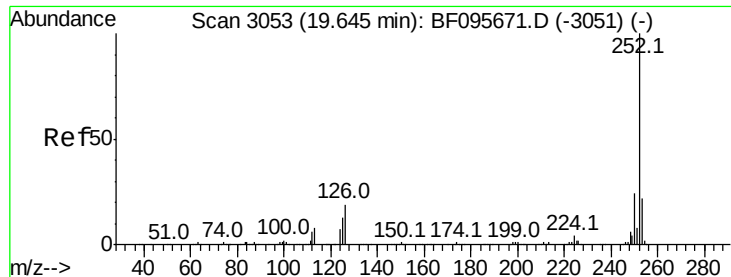
#87
Benzo(b)fluoranthene
Concen: 41.39 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:252 Resp: 261303
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 11.9 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: 39.97 ng

RT: 19.56 min Scan# 3073

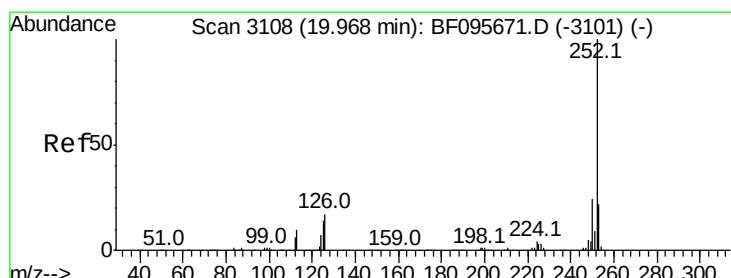
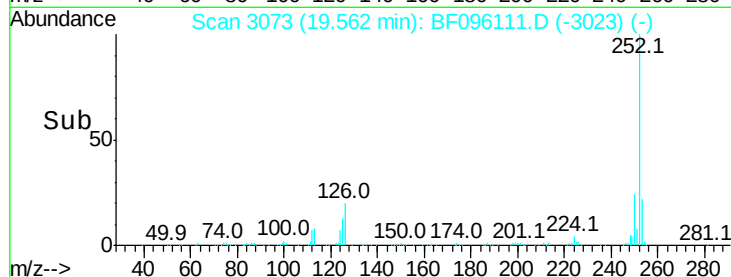
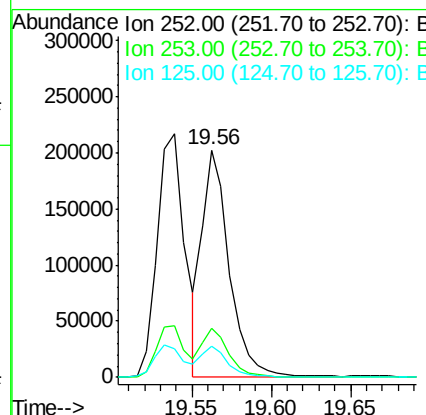
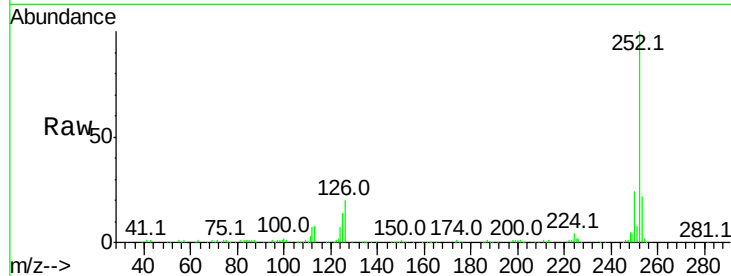
Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	13.6	13.1	19.7



#89

Benzo(a)pyrene

Concen: 39.39 ng

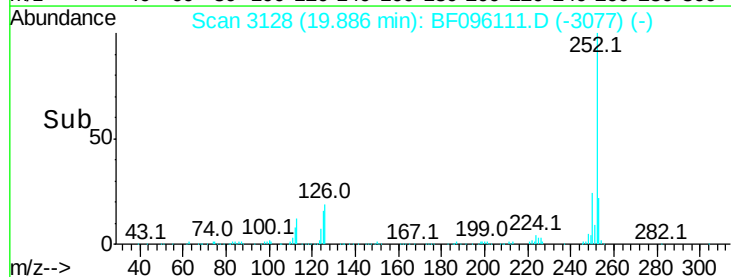
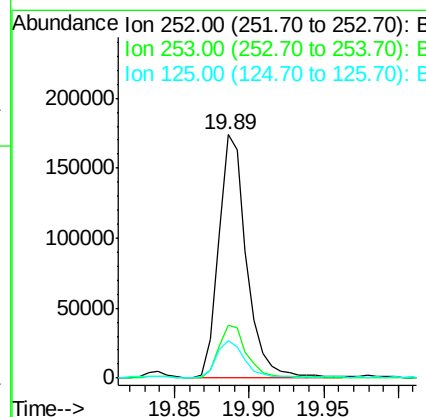
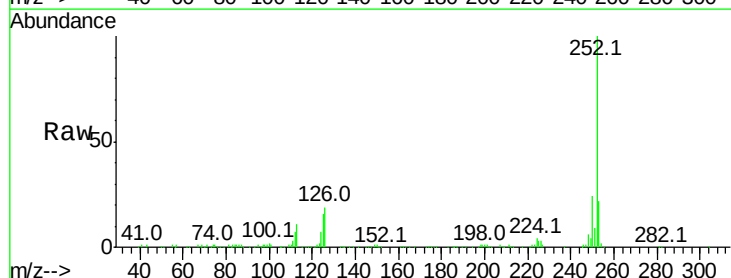
RT: 19.89 min Scan# 3128

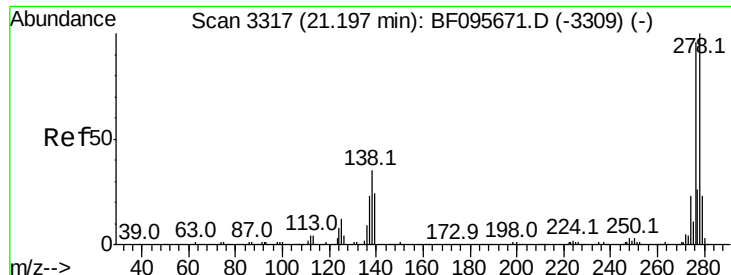
Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.5	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 37.90 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

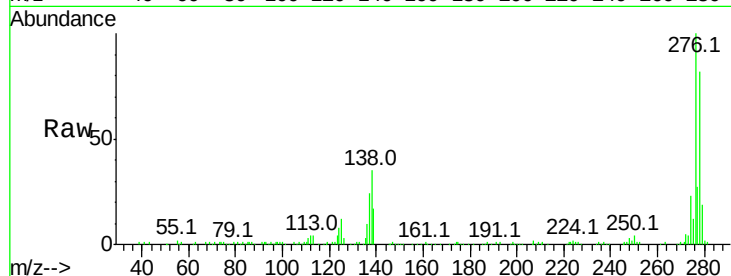
Tot Ion:278 Resp: 186534

Ion Ratio Lower Upper

278 100

139 21.3 16.6 24.8

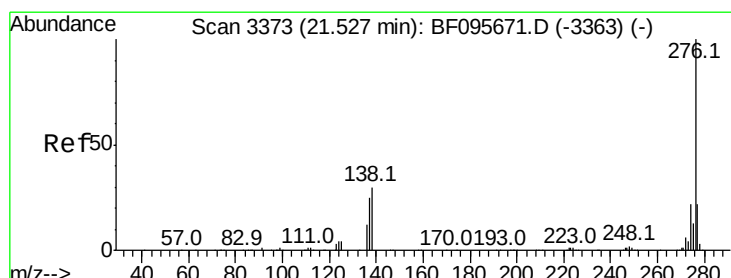
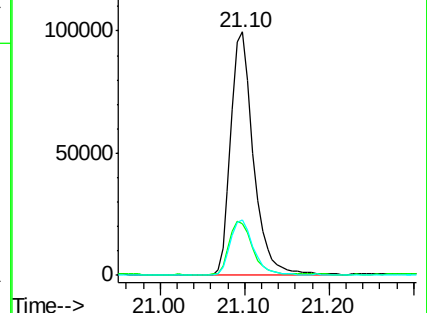
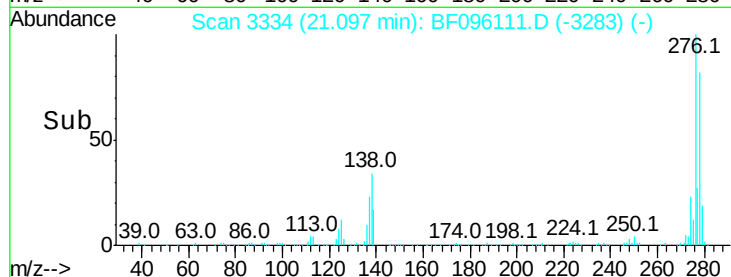
279 22.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.60 ng

RT: 21.43 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

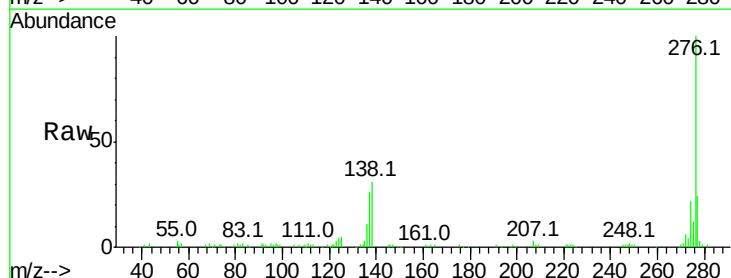
Tgt Ion:276 Resp: 183643

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 31.1 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

