

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
 Data File : BF096034.D
 Acq On : 20 Jun 2017 8:30
 Operator : SJ/MA
 Sample : PB99828BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Quant Time: Jun 20 13:26:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	60780	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	235221	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	90254	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	141214	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	112118	20.00	ng	-0.01
86) Perylene-d12	19.96	264	93340	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	561097	147.10	ng	0.00
7) Phenol-d6	6.90	99	617130	135.14	ng	-0.01
23) Nitrobenzene-d5	8.23	82	352099	92.96	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	95543	119.65	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	663090	102.24	ng	-0.02
78) Terphenyl-d14	16.94	244	461868	102.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.68	88	64891	35.761	ng	# 87
3) Pyridine	2.23	79	156878	36.785	ng	97
4) n-Nitrosodimethylamine	2.19	42	71408	44.042	ng	83
6) Aniline	6.81	93	198374	33.206	ng	95
8) 2-Chlorophenol	7.00	128	193396	47.685	ng	95
9) Benzaldehyde	6.62	77	54949	17.839	ng	97
10) Phenol	6.92	94	232437	49.069	ng	89
11) bis(2-Chloroethyl)ether	6.96	93	178959	47.690	ng	97
12) 1,3-Dichlorobenzene	7.20	146	204930	44.642	ng	99
13) 1,4-Dichlorobenzene	7.33	146	210809	45.284	ng	98
14) 1,2-Dichlorobenzene	7.57	146	197511	46.022	ng	96
15) Benzyl Alcohol	7.62	79	139909	44.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.81	45	246546	46.763	ng	98
17) 2-Methylphenol	7.86	107	156562	45.999	ng	92
18) Hexachloroethane	8.08	117	52546	34.176	ng	# 79
19) n-Nitroso-di-n-propylamine	8.05	70	133072	45.984	ng	94
20) 3+4-Methylphenols	8.13	107	205517	47.568	ng	# 57
22) Acetophenone	8.00	105	262578	47.693	ng	# 83
24) Nitrobenzene	8.26	77	182590	45.130	ng	92
25) Isophorone	8.66	82	321298	45.432	ng	97
26) 2-Nitrophenol	8.77	139	50822	23.989	ng	94
27) 2,4-Dimethylphenol	8.93	122	159916	48.638	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	215349	46.195	ng	99
29) 2,4-Dichlorophenol	9.22	162	138501	43.739	ng	99
30) 1,2,4-Trichlorobenzene	9.27	180	149492	45.371	ng	99
31) Naphthalene	9.37	128	512189	43.388	ng	99
32) Benzoic acid	9.28	122	32894	19.418	ng	89
33) 4-Chloroaniline	9.54	127	143968	31.202	ng	# 92
34) Hexachlorobutadiene	9.59	225	77282	45.394	ng	98
35) Caprolactam	10.17	113	41259	43.789	ng	# 87
36) 4-Chloro-3-methylphenol	10.42	107	140853	42.493	ng	92
37) 2-Methylnaphthalene	10.50	142	340397	42.677	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	130010	48.131	ng	98
40) Hexachlorocyclopentadiene	10.75	237	3997	15.301	ng	89

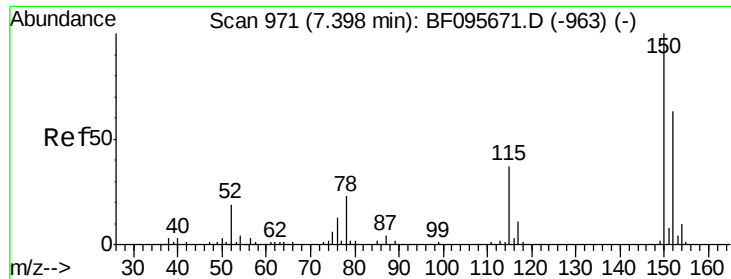
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	78474	45.186	ng	99
43) 2,4,5-Trichlorophenol	11.13	196	75002	40.601	ng	97
45) 1,1'-Biphenyl	11.27	154	367153	49.357	ng	98
46) 2-Chloronaphthalene	11.29	162	277043	47.667	ng	96
47) 2-Nitroaniline	11.52	65	84779	49.847	ng	# 80
48) Acenaphthylene	11.93	152	418404	42.099	ng	98
49) Dimethylphthalate	11.83	163	335894	49.016	ng	99
50) 2,6-Dinitrotoluene	11.92	165	51500	34.455	ng	# 72
51) Acenaphthene	12.22	154	240039	41.819	ng	98
52) 3-Nitroaniline	12.19	138	83737	48.084	ng	90
53) 2,4-Dinitrophenol	12.52	184	125	6.611	ng	# 1
54) Dibenzofuran	12.50	168	371467	45.982	ng	98
55) 4-Nitrophenol	12.66	139	54403	55.038	ng	# 79
56) 2,4-Dinitrotoluene	12.60	165	61924	30.672	ng	# 88
57) Fluorene	13.06	166	288635	41.056	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	52284	41.366	ng	# 87
59) Diethylphthalate	12.97	149	315045	47.771	ng	98
60) 4-Chlorophenyl-phenylether	13.09	204	132897	43.469	ng	90
61) 4-Nitroaniline	13.19	138	75204	46.252	ng	95
62) Azobenzene	13.34	77	266775	44.634	ng	94
65) n-Nitrosodiphenylamine	13.30	169	246755	48.629	ng	98
66) 4-Bromophenyl-phenylether	13.86	248	70360	47.942	ng	99
67) Hexachlorobenzene	13.95	284	69094	47.777	ng	# 88
68) Atrazine	14.22	200	64607	45.749	ng	97
69) Pentachlorophenol	14.33	266	25079	48.563	ng	94
70) Phenanthrene	14.59	178	370174	45.432	ng	99
71) Anthracene	14.68	178	387082	45.505	ng	98
72) Carbazole	14.99	167	355574	42.894	ng	97
73) Di-n-butylphthalate	15.57	149	445679	50.534	ng	98
74) Fluoranthene	16.38	202	373623	46.329	ng	99
76) Benzidine	16.62	184	273201	63.447	ng	# 93
77) Pyrene	16.69	202	384893	46.008	ng	99
79) Butylbenzylphthalate	17.60	149	178292	48.799	ng	# 85
80) Benzo(a)anthracene	18.27	228	306679	47.047	ng	99
81) 3,3'-Dichlorobenzidine	18.26	252	110223	47.560	ng	# 96
82) Chrysene	18.32	228	293916	45.118	ng	100
83) Bis(2-ethylhexyl)phthalate	18.36	149	255823	49.638	ng	# 99
84) Di-n-octyl phthalate	19.13	149	440215	51.836	ng	96
85) Indeno(1,2,3-cd)pyrene	21.11	276	238190	42.734	ng	99
87) Benzo(b)fluoranthene	19.55	252	259629	44.422	ng	98
88) Benzo(k)fluoranthene	19.55	252	259629	46.474	ng	96
89) Benzo(a)pyrene	19.90	252	250320	46.598	ng	98
90) Dibenzo(a,h)anthracene	21.11	278	201995	44.328	ng	95
91) Benzo(g,h,i)perylene	21.44	276	199270	42.894	ng	96

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

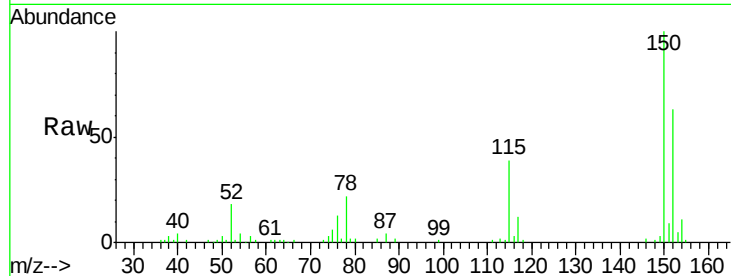


#1

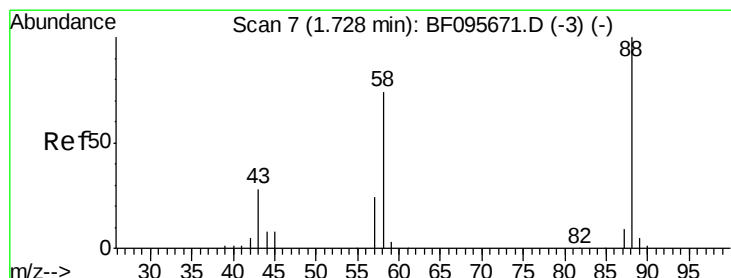
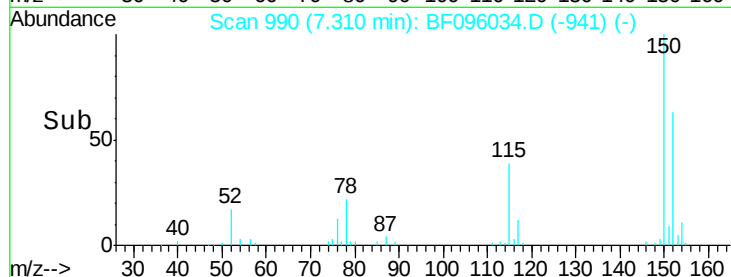
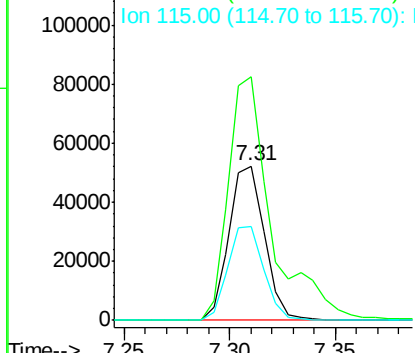
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tgt Ion:152 Resp: 60780
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 61.0 52.2 78.2



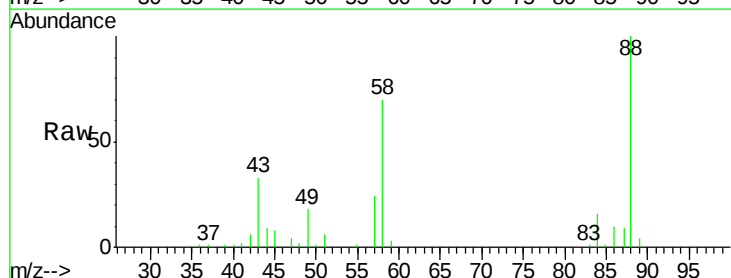
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



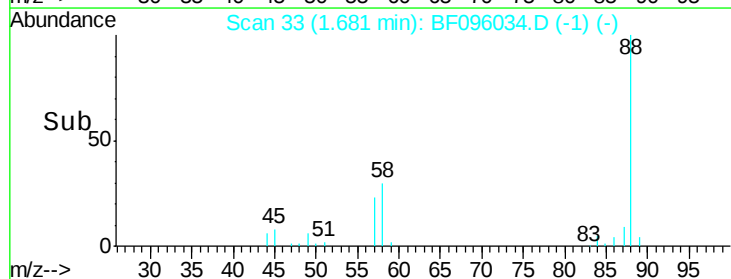
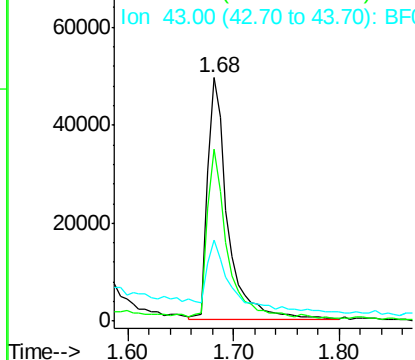
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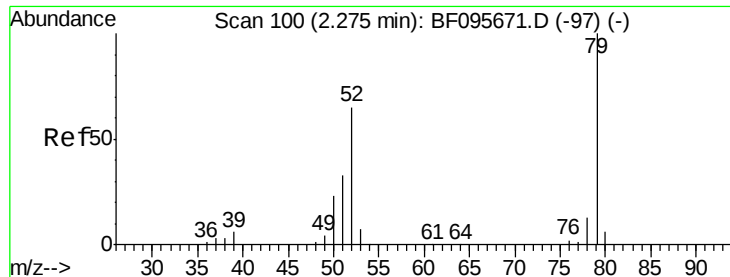
1,4-Dioxane
Concen: 35.761 ng
RT: 1.68 min Scan# 33
Delta R.T. 0.05 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion: 88 Resp: 64891
Ion Ratio Lower Upper
88 100
58 67.0 61.4 92.0
43 39.5 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

Pyridine

Concen: 36.785 ng

RT: 2.23 min Scan# 126

Delta R.T. 0.06 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

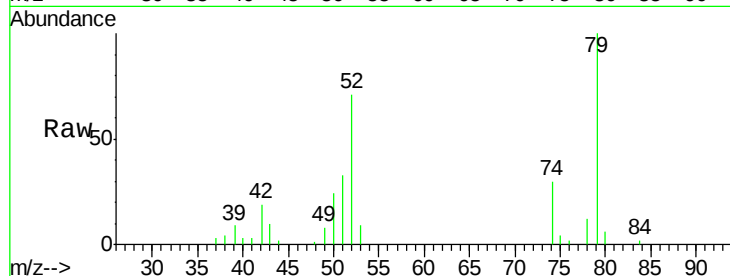
Tgt Ion: 79 Resp: 156878

Ion Ratio Lower Upper

79 100

52 71.1 54.8 82.2

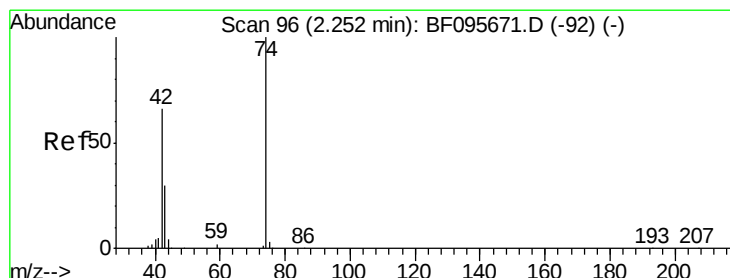
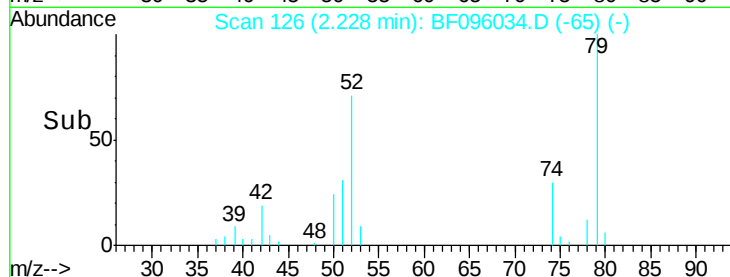
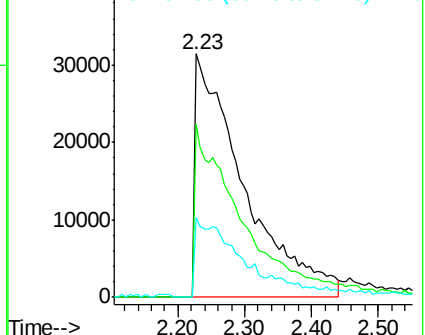
51 32.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.042 ng

RT: 2.19 min Scan# 119

Delta R.T. 0.04 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

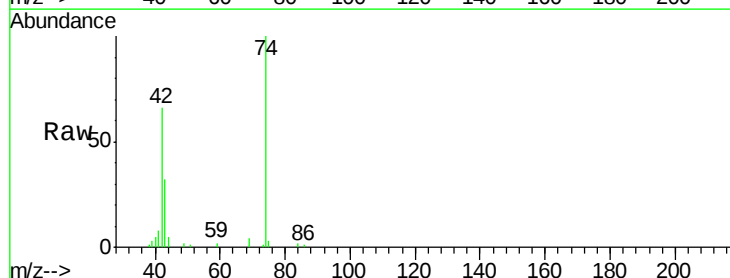
Tgt Ion: 42 Resp: 71408

Ion Ratio Lower Upper

42 100

74 151.3 103.9 155.9

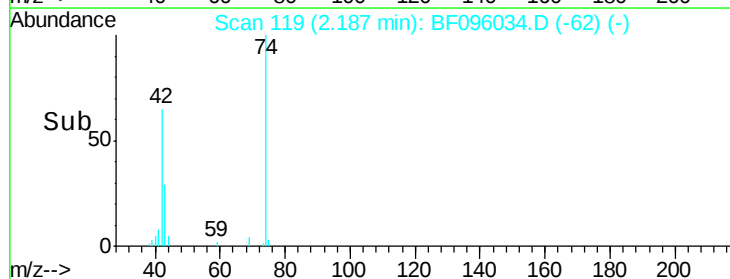
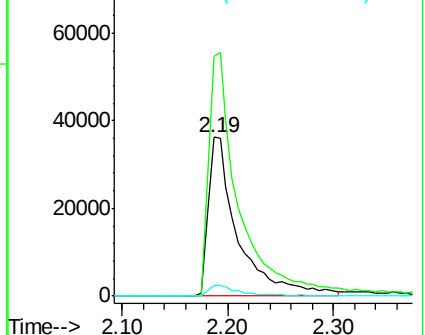
44 6.9 5.7 8.5

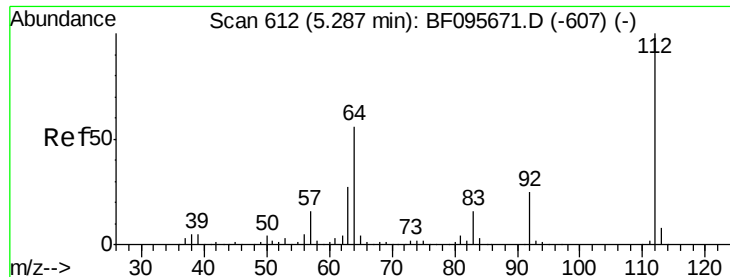


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 147.101 ng

RT: 5.22 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

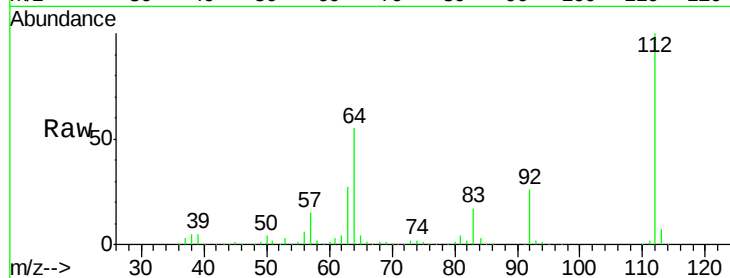
Instrument :

BNA_F

ClientSampleId :

PB99828BS

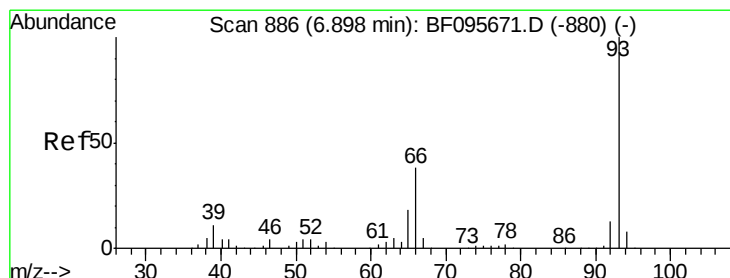
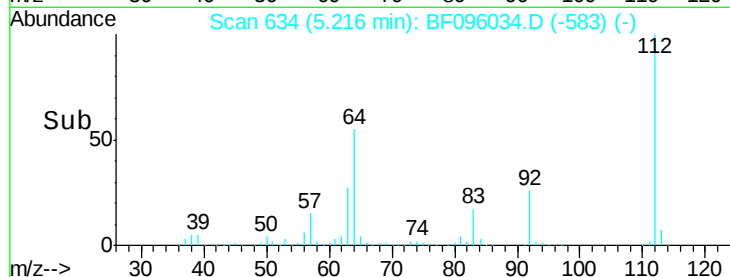
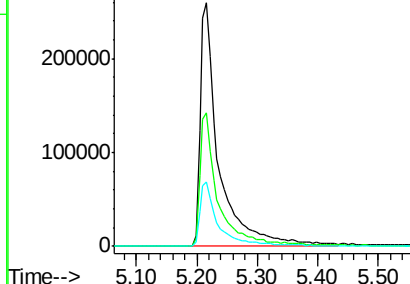
Tgt Ion:	112	Resp:	561097
Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.206 ng

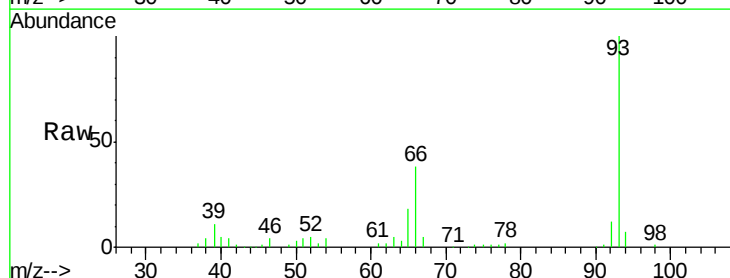
RT: 6.81 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

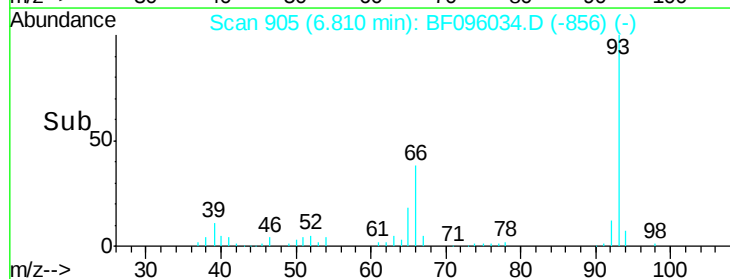
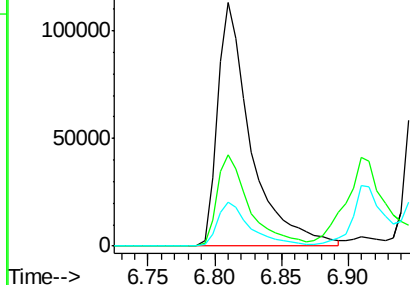
Tgt Ion:	93	Resp:	198374
Ion	Ratio	Lower	Upper
93	100		
66	37.7	32.9	49.3
65	17.9	16.0	24.0

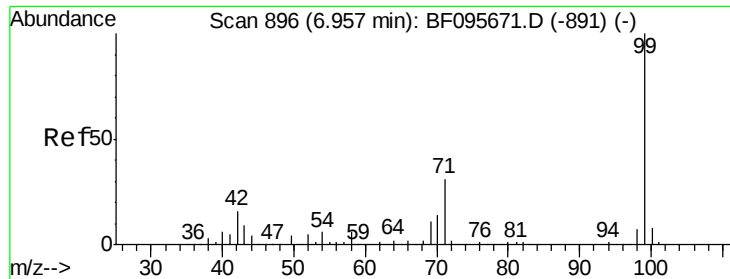


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.145 ng

RT: 6.90 min Scan# 920

Delta R.T. -0.01 min

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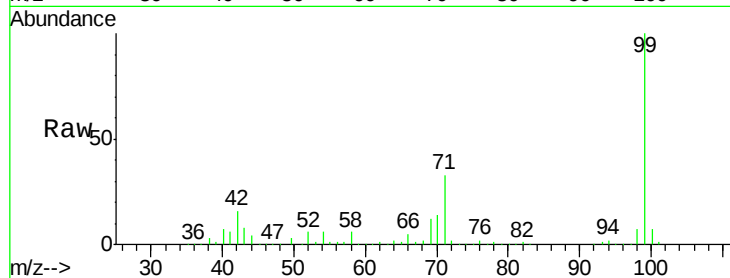
Tgt Ion: 99 Resp: 617130

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

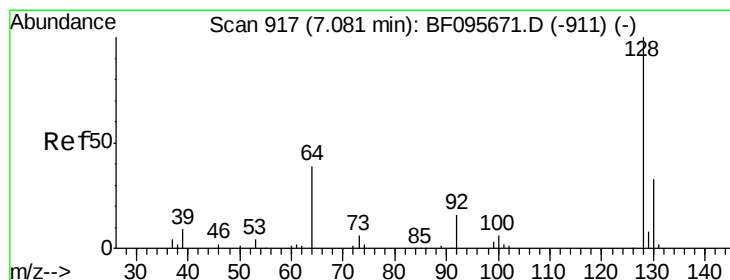
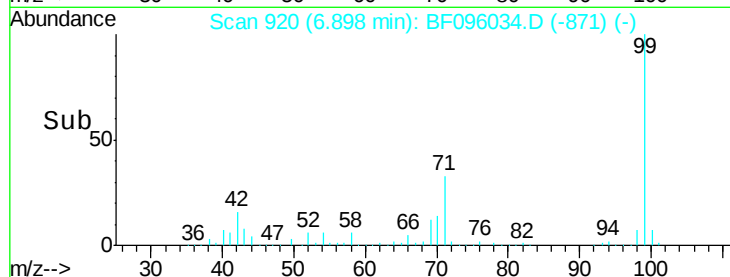
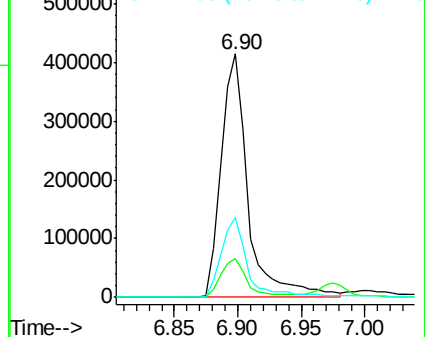
71 32.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.685 ng

RT: 7.00 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

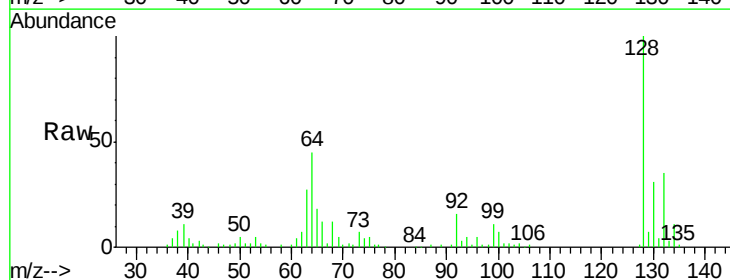
Tgt Ion: 128 Resp: 193396

Ion Ratio Lower Upper

128 100

130 31.2 12.9 52.9

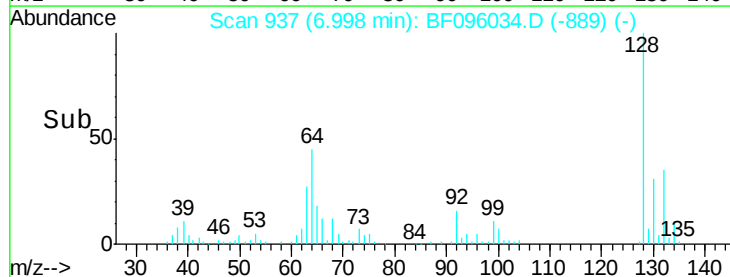
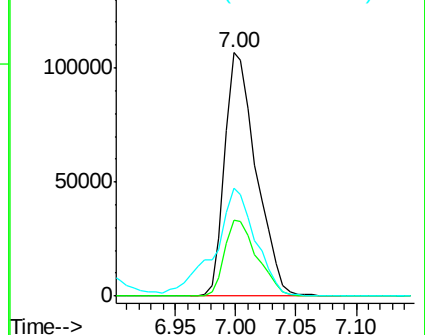
64 44.6 28.4 68.4

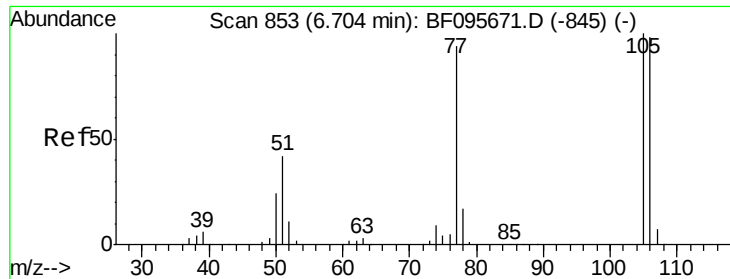


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.839 ng

RT: 6.62 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

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ClientSampleId :

PB99828BS

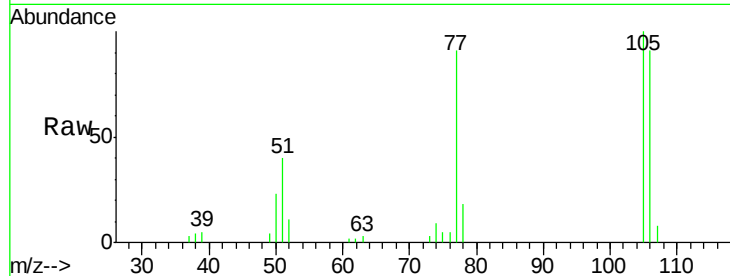
Tgt Ion: 77 Resp: 54949

Ion Ratio Lower Upper

77 100

105 109.4 83.8 123.8

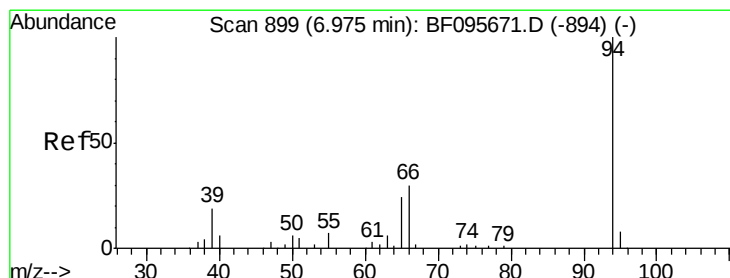
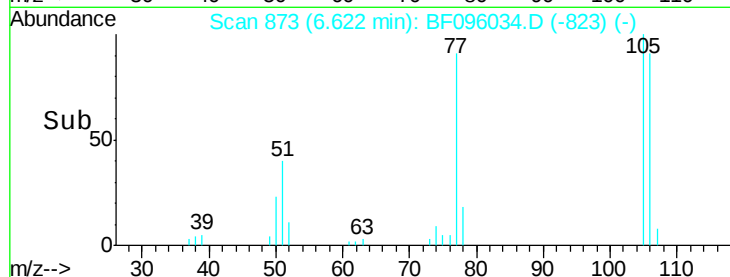
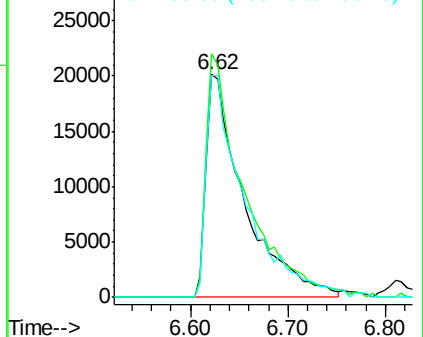
106 99.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 49.069 ng

RT: 6.92 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

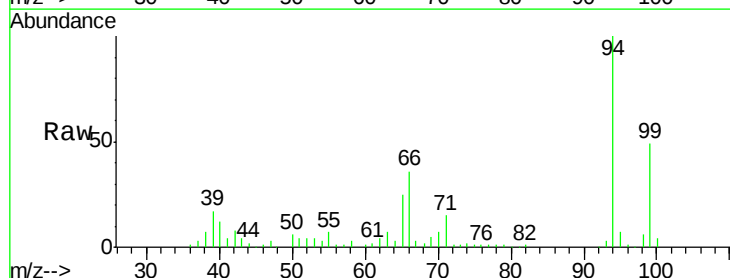
Tgt Ion: 94 Resp: 232437

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

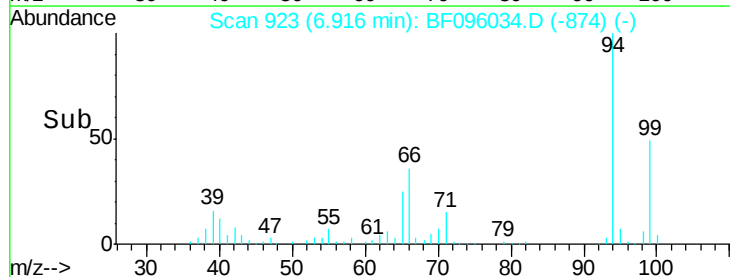
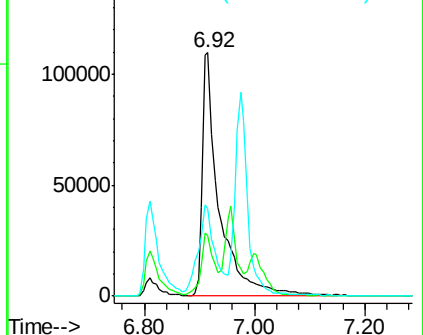
66 35.7 23.1 63.1

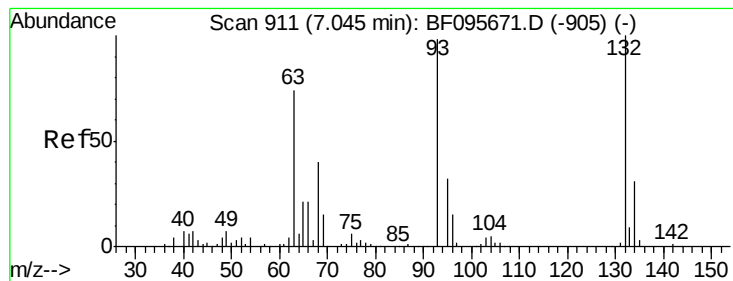


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

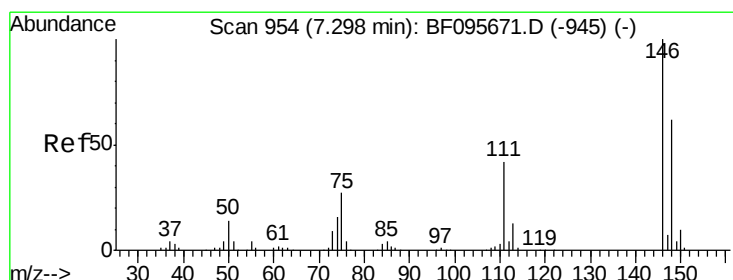
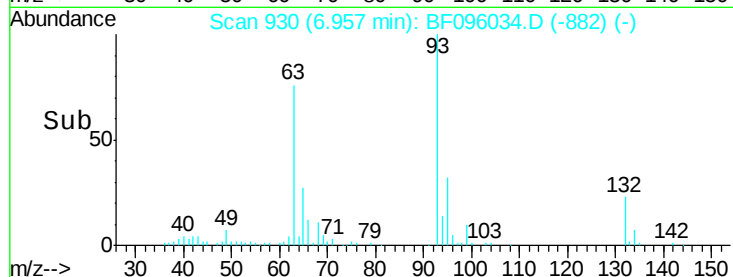
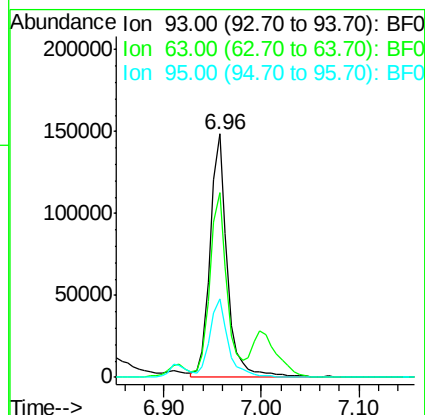
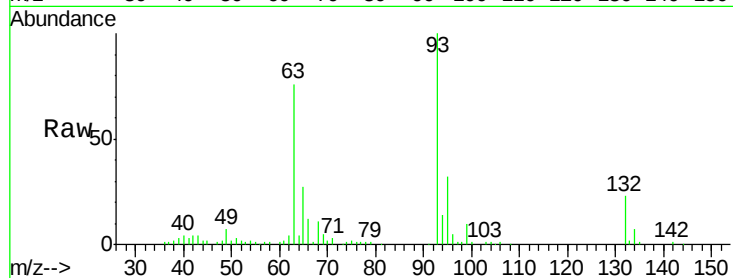




#11
bis(2-Chloroethyl)ether
Concen: 47.690 ng
RT: 6.96 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

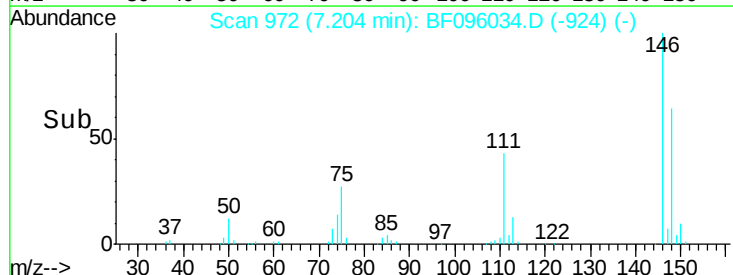
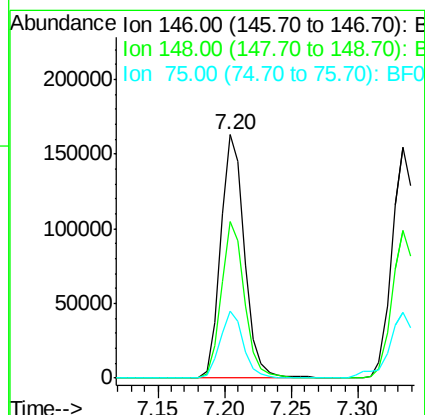
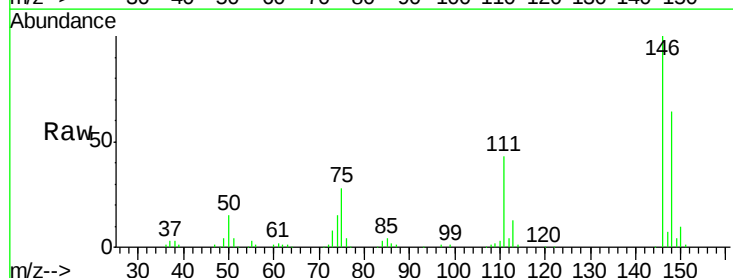
Instrument :
BNA_F
ClientSampleId :
PB99828BS

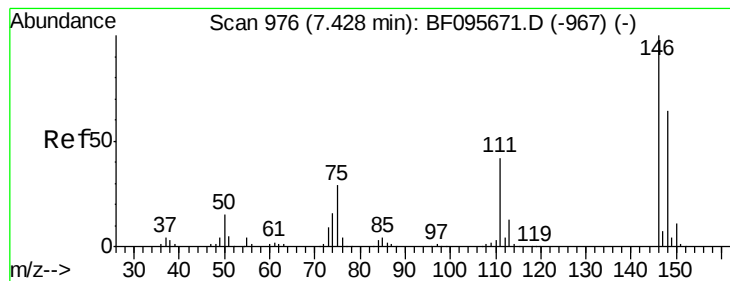
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.8	59.2	99.2
95	32.3	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 44.642 ng
RT: 7.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
75	27.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 45.284 ng

RT: 7.33 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

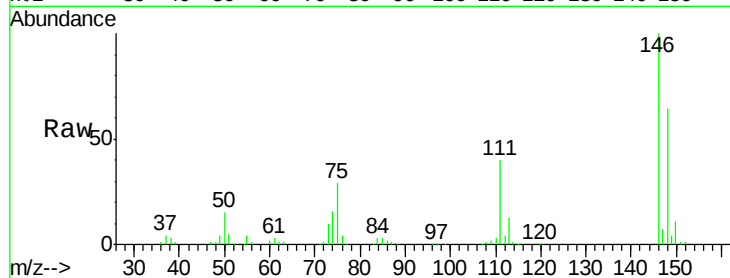
Tgt Ion:146 Resp: 210809

Ion Ratio Lower Upper

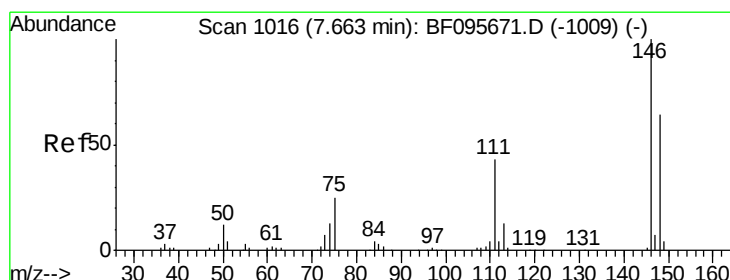
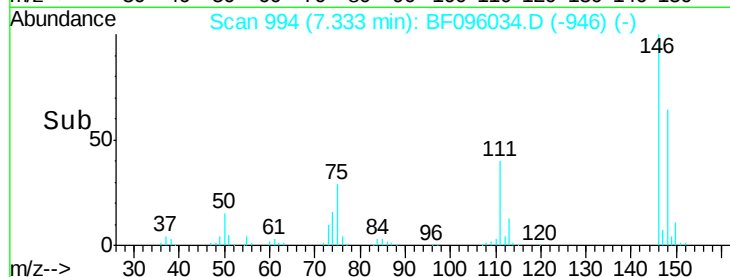
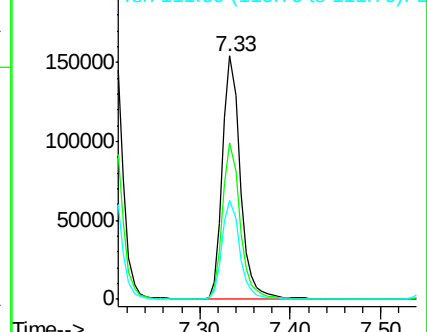
146 100

148 64.3 52.2 78.2

111 40.4 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: 46.022 ng

RT: 7.57 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

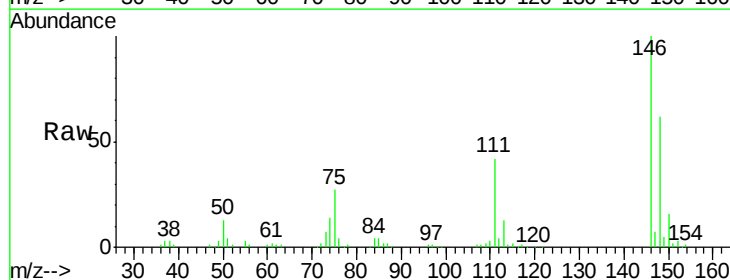
Tgt Ion:146 Resp: 197511

Ion Ratio Lower Upper

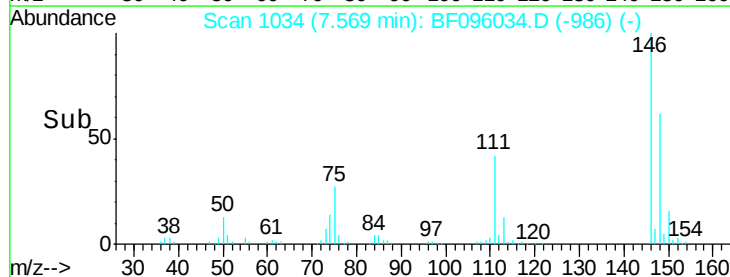
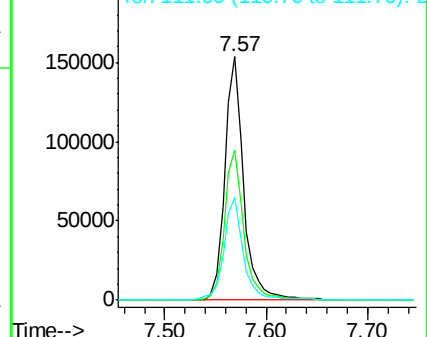
146 100

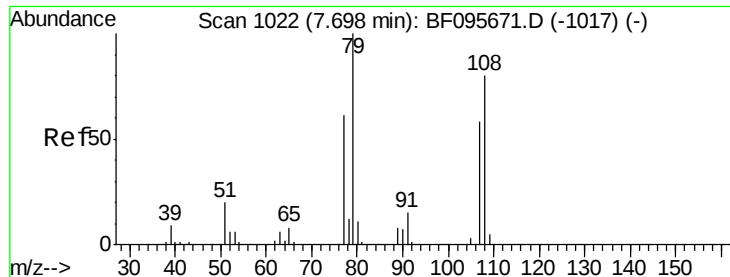
148 61.7 50.4 75.6

111 42.4 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

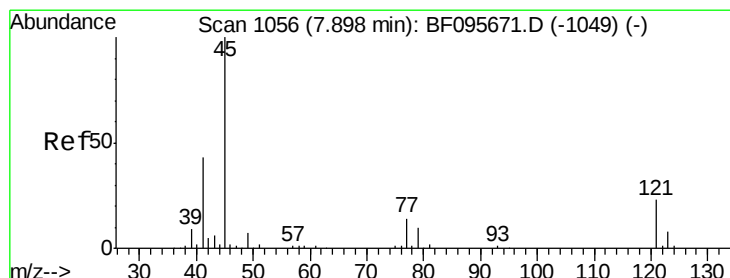
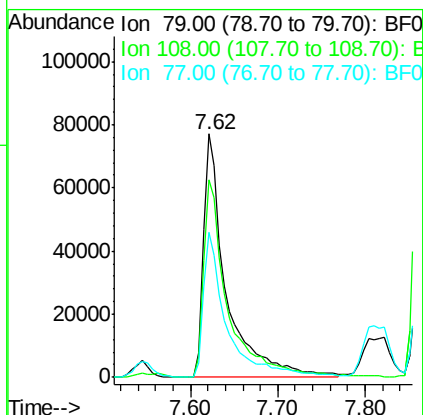
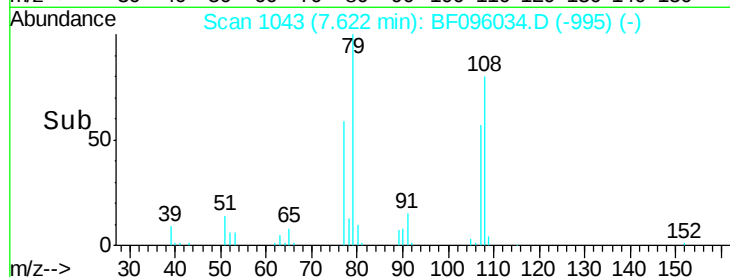
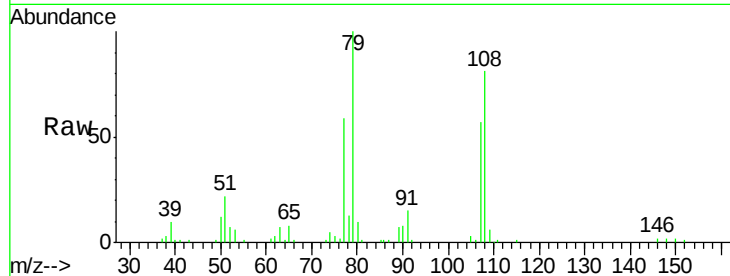




#15
Benzyl Alcohol
Concen: 44.639 ng
RT: 7.62 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

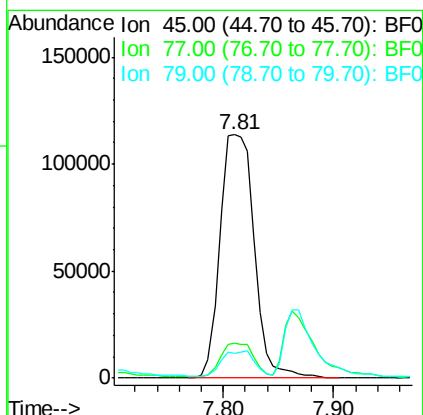
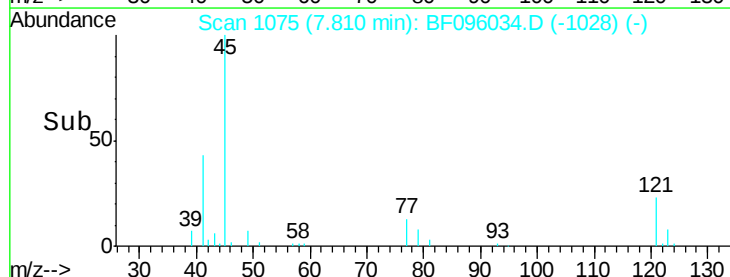
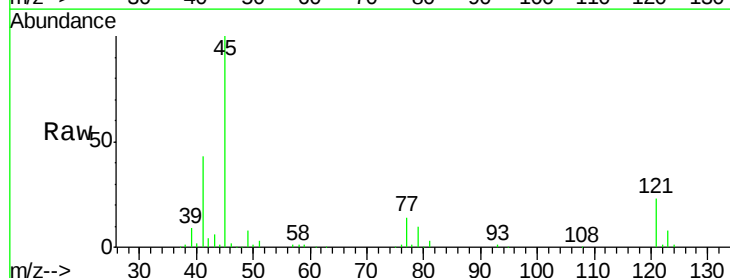
Instrument :
BNA_F
ClientSampleId :
PB99828BS

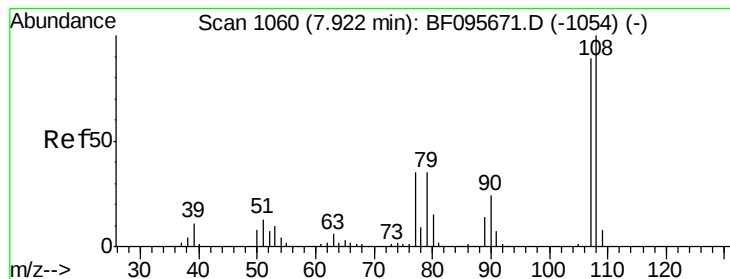
Tgt Ion: 79 Resp: 139909
Ion Ratio Lower Upper
79 100
108 81.1 63.4 95.0
77 59.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.763 ng
RT: 7.81 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion: 45 Resp: 246546
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.2
79 10.3 0.0 30.0





#17

2-Methylphenol

Concen: 45.999 ng

RT: 7.86 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tgt Ion:107 Resp: 156562

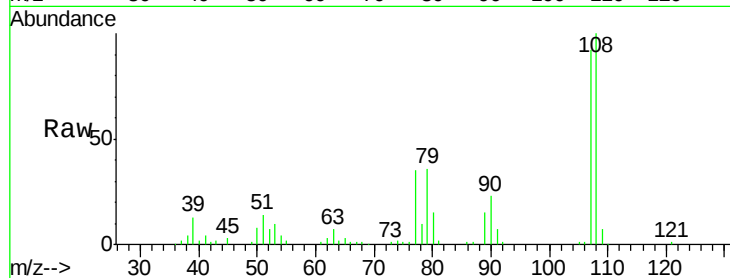
Ion Ratio Lower Upper

107 100

108 109.0 93.4 140.0

77 38.2 35.8 53.6

79 39.2 34.8 52.2

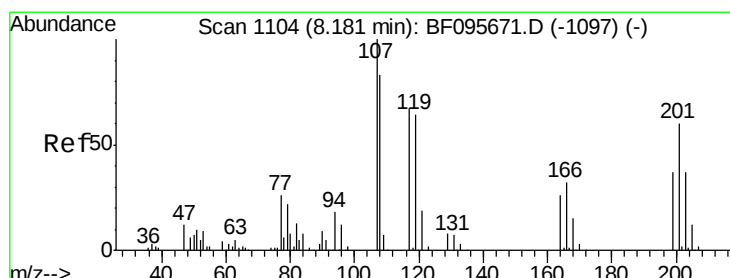
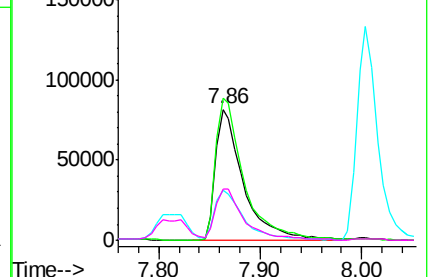
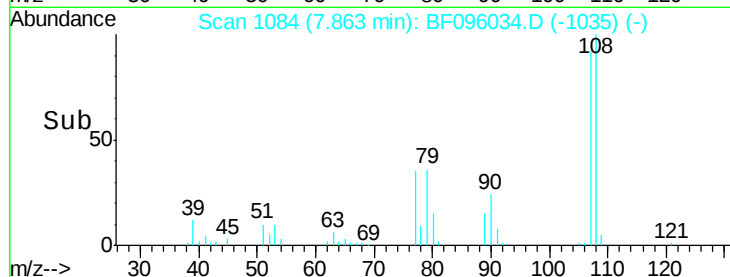


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.176 ng

RT: 8.08 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

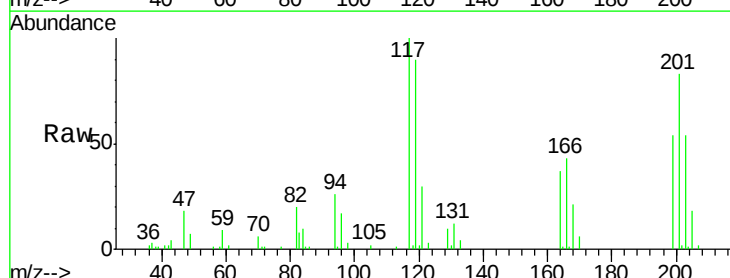
Tgt Ion:117 Resp: 52546

Ion Ratio Lower Upper

117 100

119 89.5 77.4 116.0

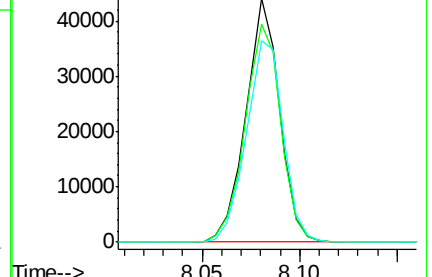
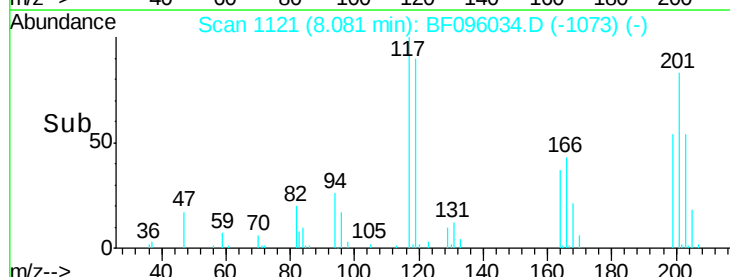
201 82.7 94.6 141.8#

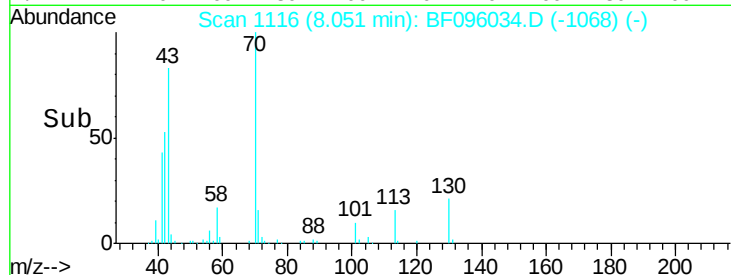
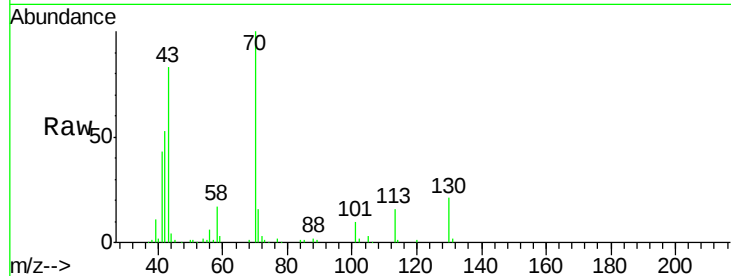
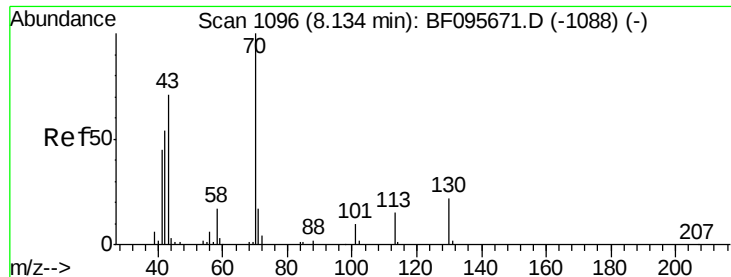


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

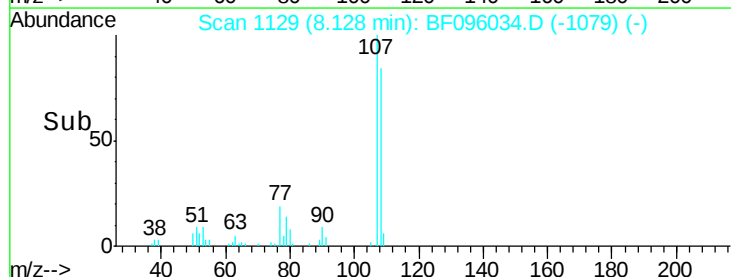
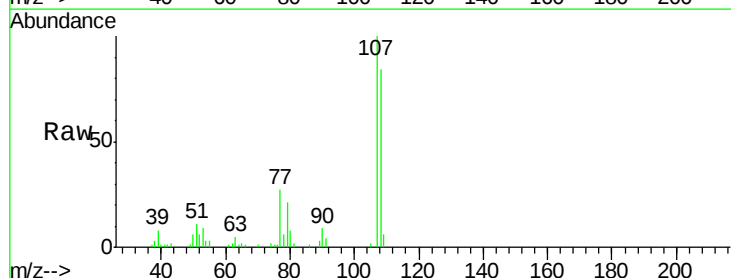
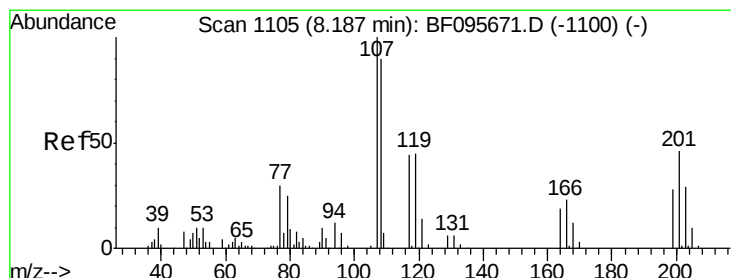
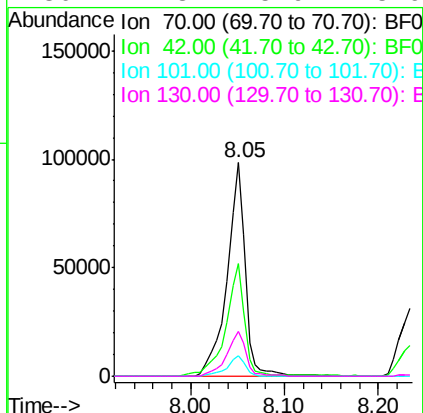




#19
n-Nitroso-di-n-propylamine
Concen: 45.984 ng
RT: 8.05 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

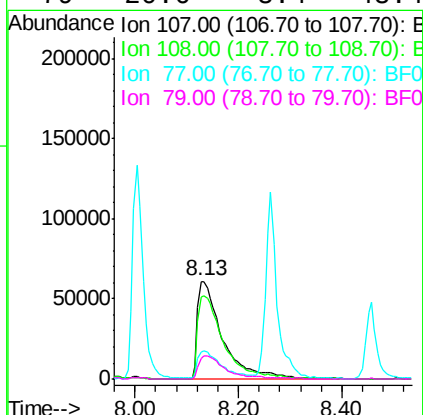
Instrument :
BNA_F
ClientSampleId :
PB99828BS

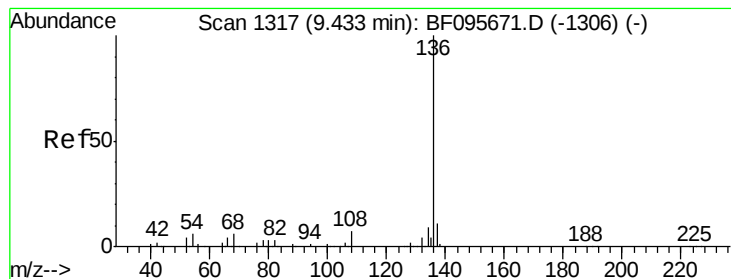
Tgt Ion:	70	Resp:	133072
Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.2	70.8
101	9.6	7.2	10.8
130	21.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.568 ng
RT: 8.13 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:	107	Resp:	205517
Ion	Ratio	Lower	Upper
107	100		
108	83.8	71.0	111.0
77	27.1	90.5	130.5#
79	20.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tgt Ion:136 Resp: 235221

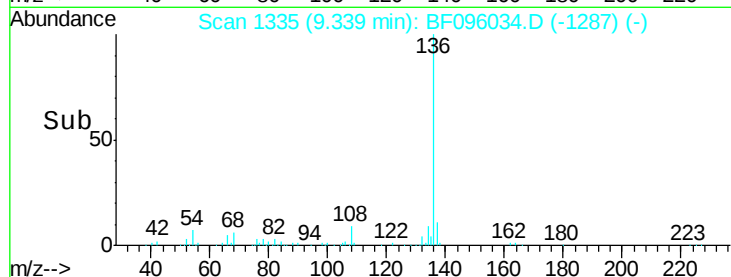
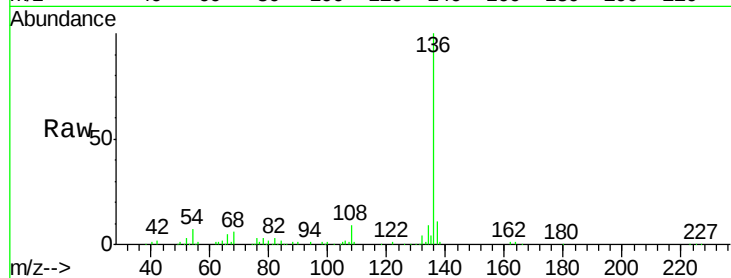
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.9 4.1 6.1

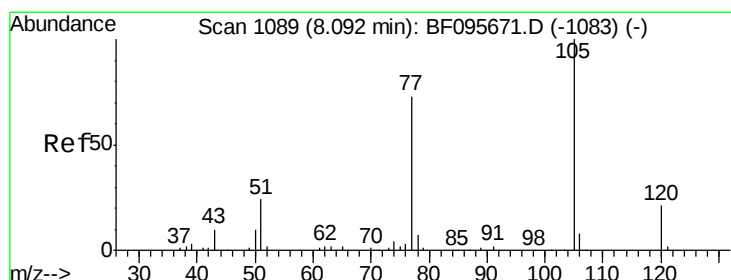
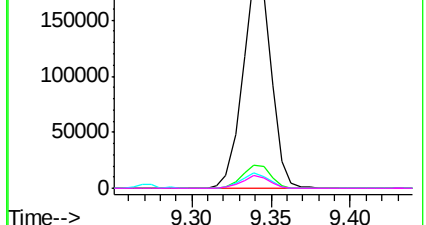


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.693 ng

RT: 8.00 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:105 Resp: 262578

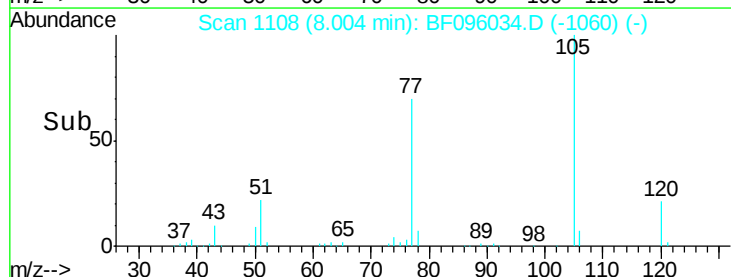
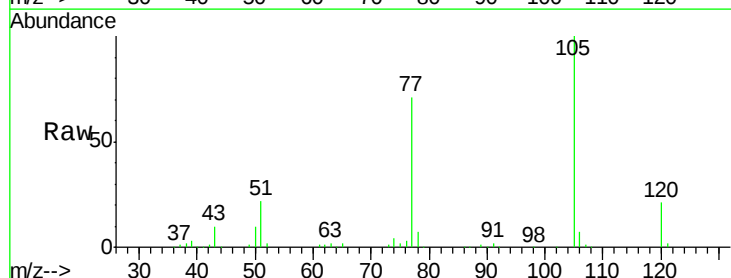
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.4 30.7 46.1#

120 20.9 17.4 26.0

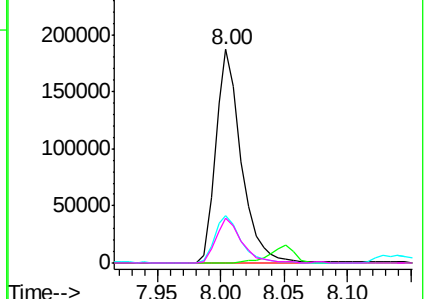


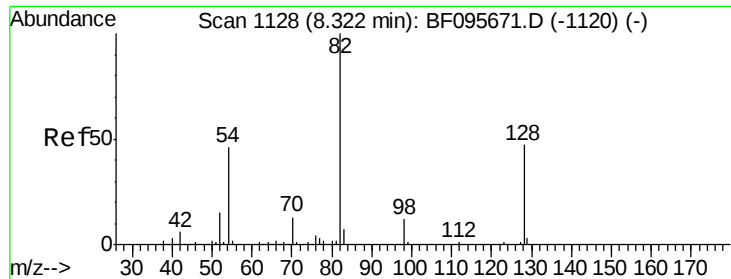
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

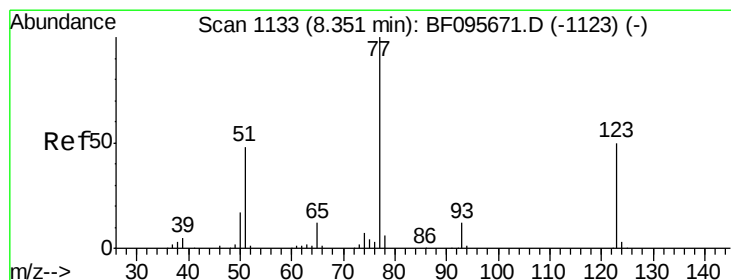
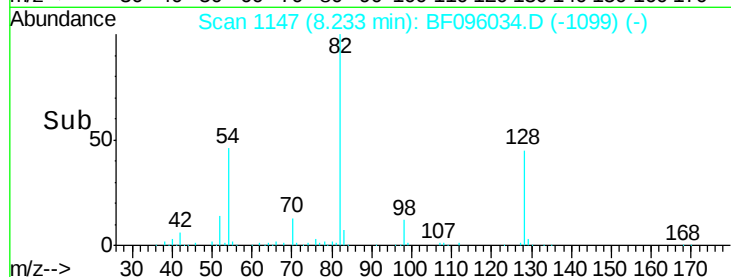
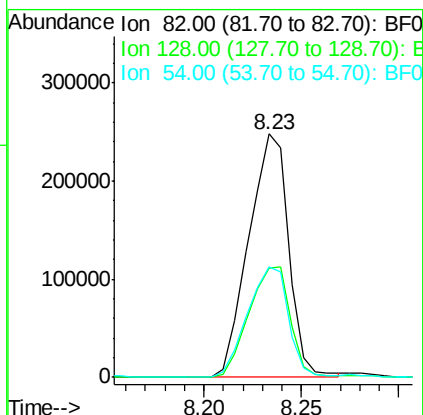
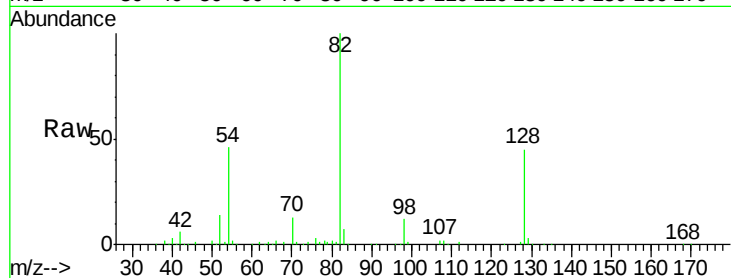




#23
 Nitrobenzene-d5
 Concen: 92.964 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

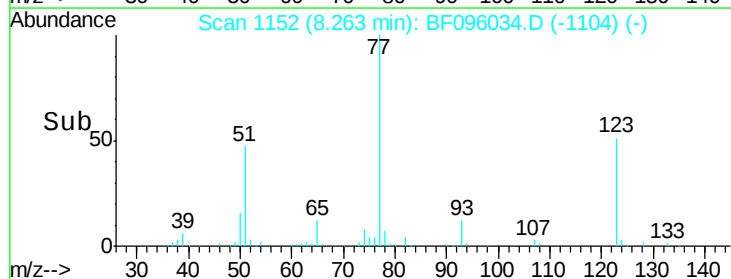
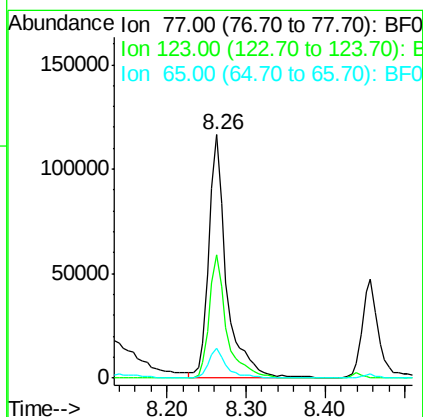
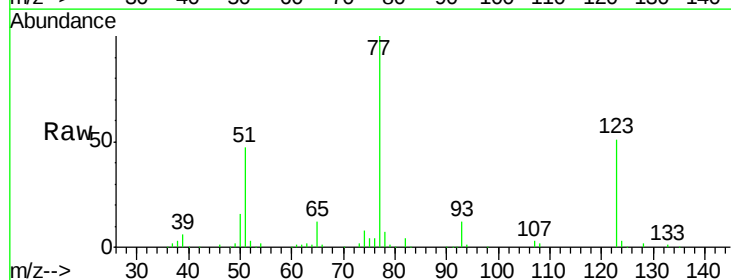
Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

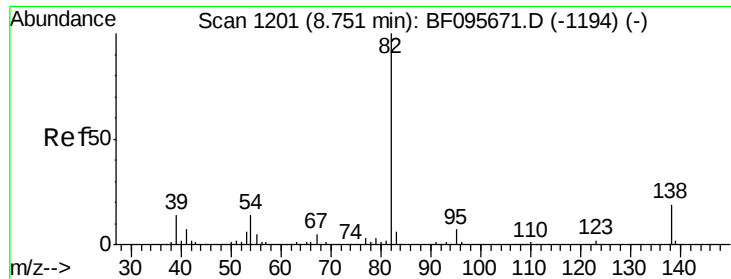
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	45.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 45.130 ng
 RT: 8.26 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	12.3	10.6	15.8

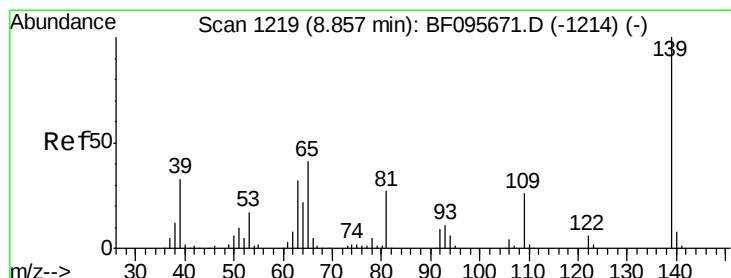
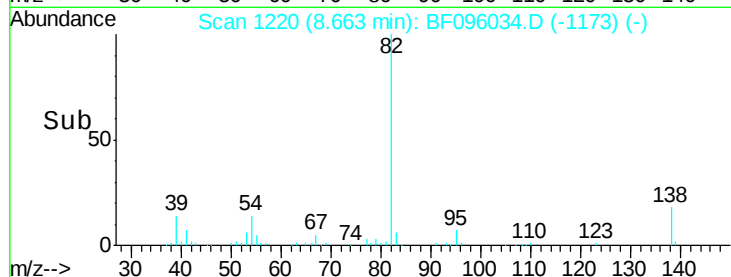
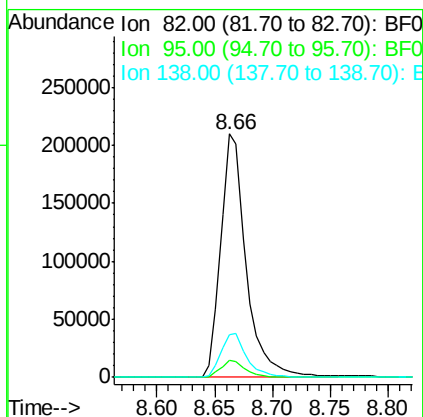
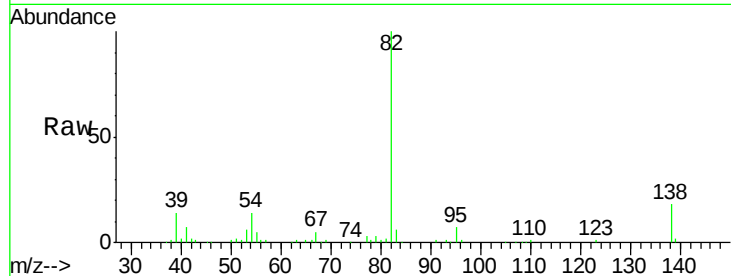




#25
Isophorone
Concen: 45.432 ng
RT: 8.66 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

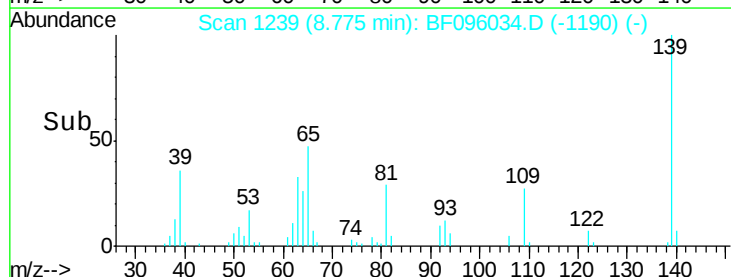
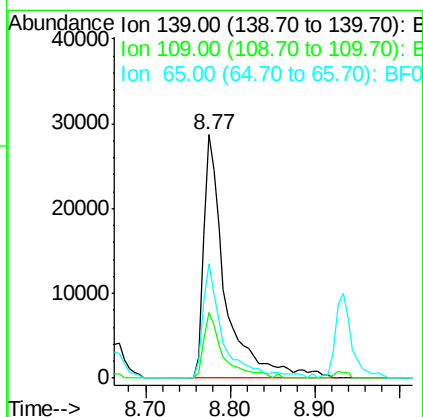
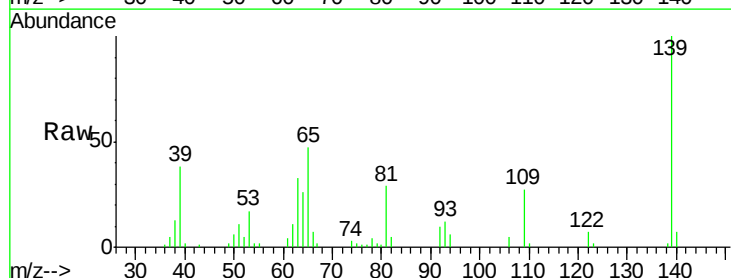
Instrument :
BNA_F
ClientSampled :
PB99828BS

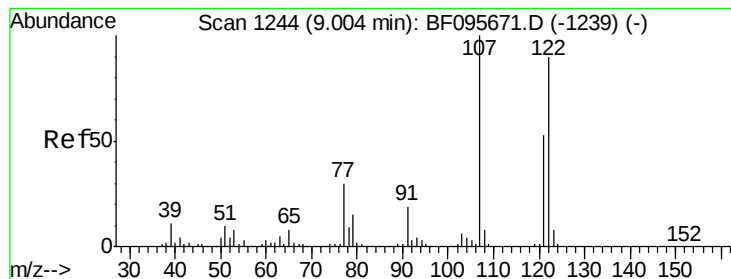
Tgt Ion: 82 Resp: 321298
Ion Ratio Lower Upper
82 100
95 7.2 5.3 7.9
138 17.7 13.1 19.7



#26
2-Nitrophenol
Concen: 23.989 ng
RT: 8.77 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion: 139 Resp: 50822
Ion Ratio Lower Upper
139 100
109 26.7 21.0 31.6
65 47.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.638 ng

RT: 8.93 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

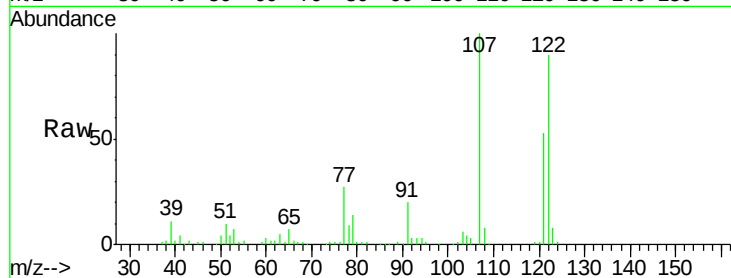
Tgt Ion: 122 Resp: 159916

Ion Ratio Lower Upper

122 100

107 110.7 89.2 133.8

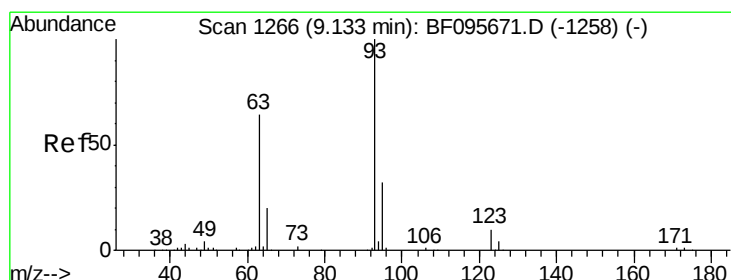
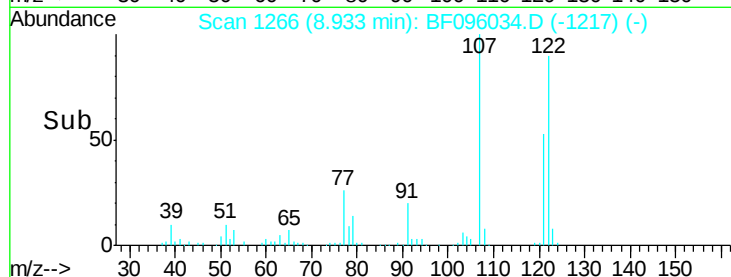
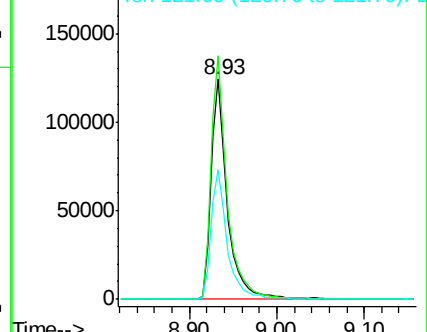
121 58.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.195 ng

RT: 9.05 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

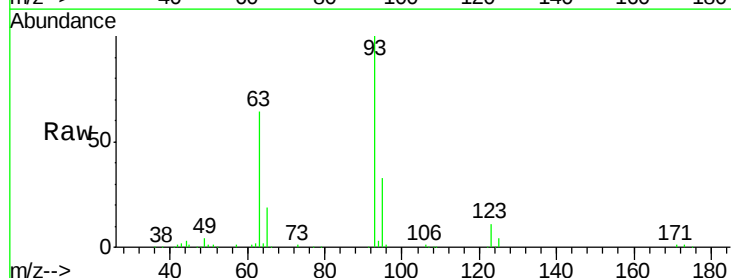
Tgt Ion: 93 Resp: 215349

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

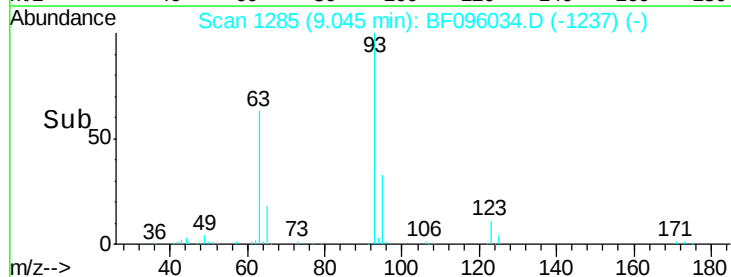
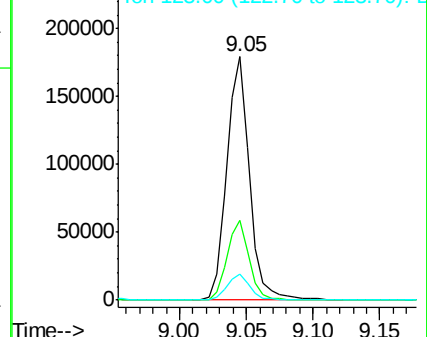
123 10.8 9.0 13.4

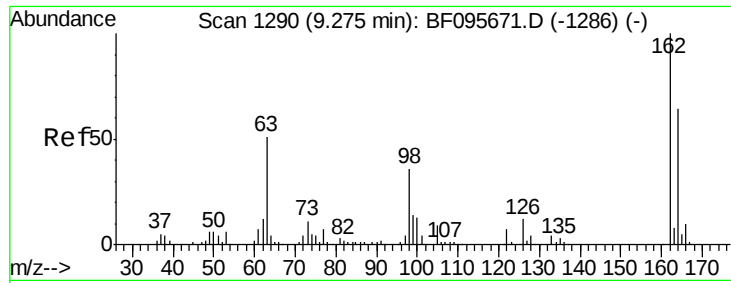


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

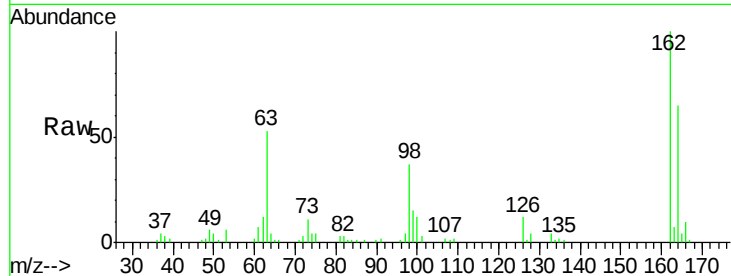




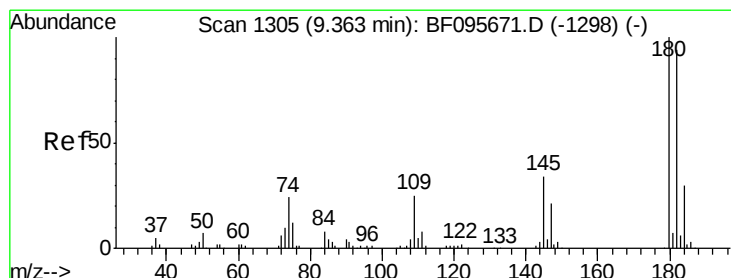
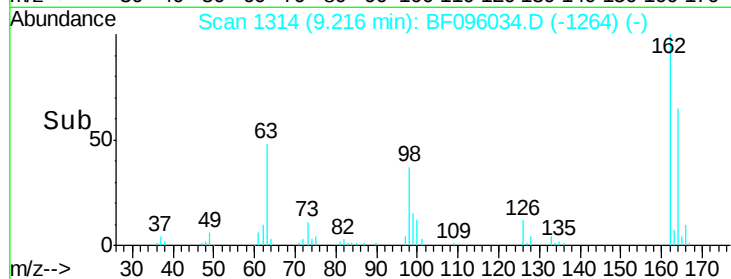
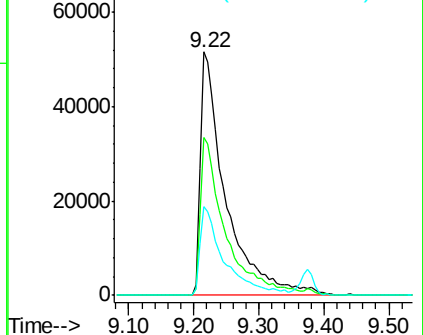
#29
2,4-Dichlorophenol
Concen: 43.739 ng
RT: 9.22 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tgt Ion:162 Resp: 138501
Ion Ratio Lower Upper
162 100
164 64.8 44.6 84.6
98 36.7 14.8 54.8

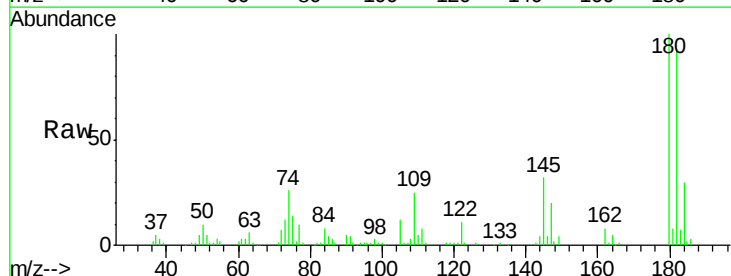


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

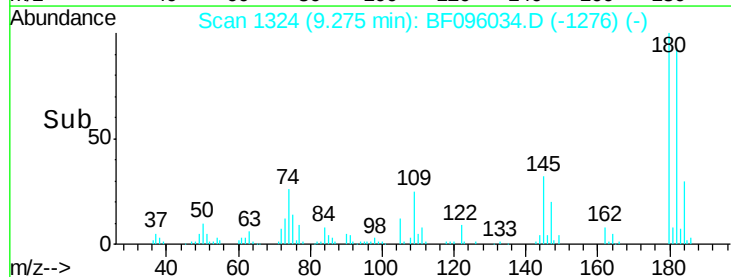
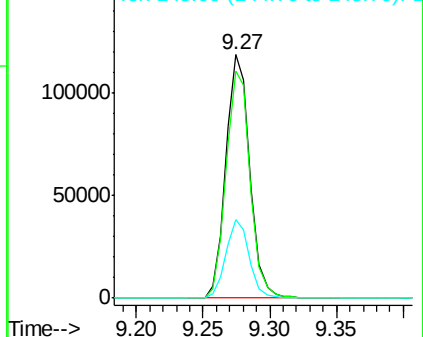


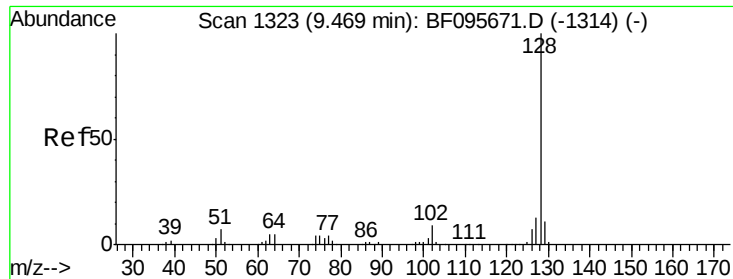
#30
1,2,4-Trichlorobenzene
Concen: 45.371 ng
RT: 9.27 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:180 Resp: 149492
Ion Ratio Lower Upper
180 100
182 93.3 75.8 113.6
145 32.3 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

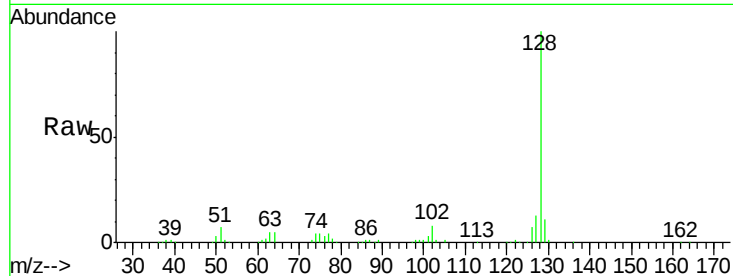




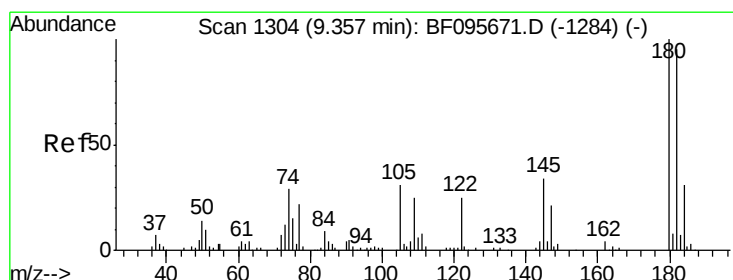
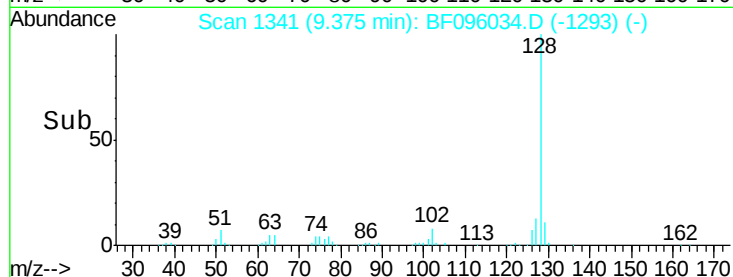
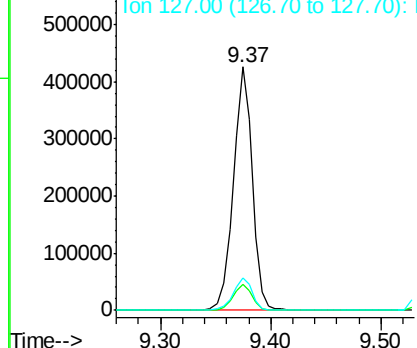
#31
Naphthalene
Concen: 43.388 ng
RT: 9.37 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampled :
PB99828BS

Tgt Ion:128 Resp: 512189
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.2 10.8 16.2

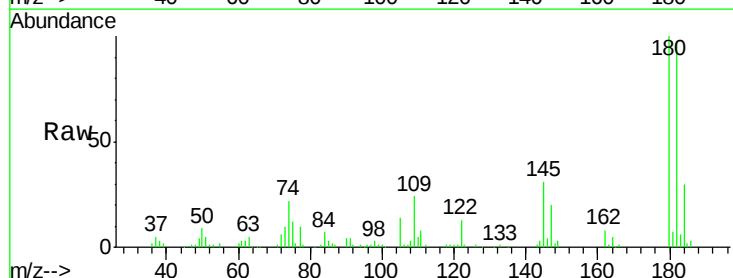


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

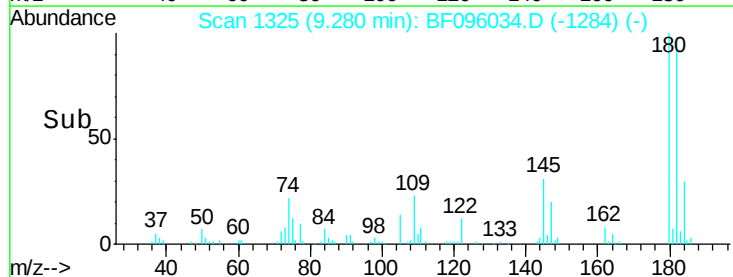
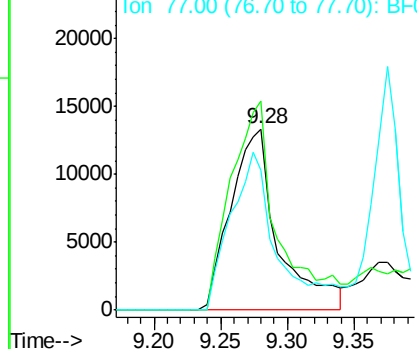


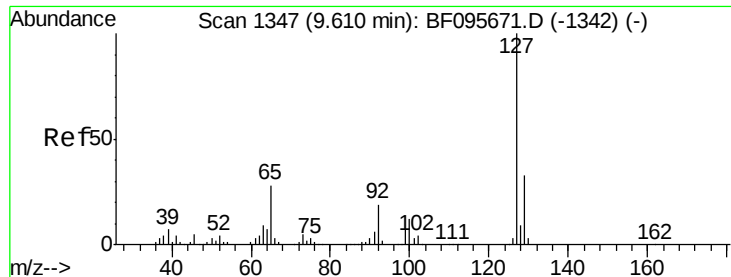
#32
Benzoic acid
Concen: 19.418 ng
RT: 9.28 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:122 Resp: 32894
Ion Ratio Lower Upper
122 100
105 115.1 103.3 143.3
77 77.3 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

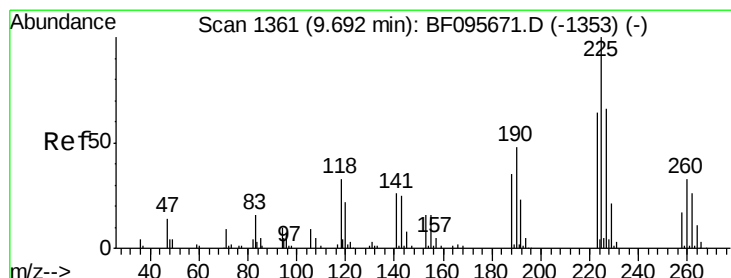
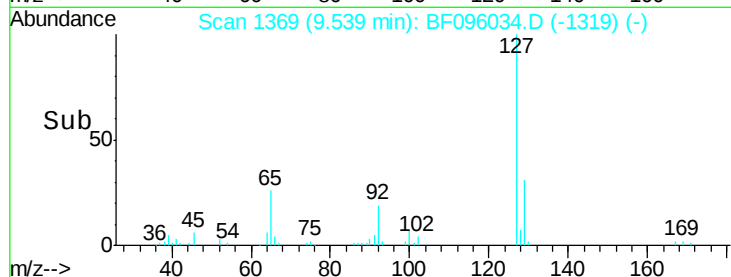
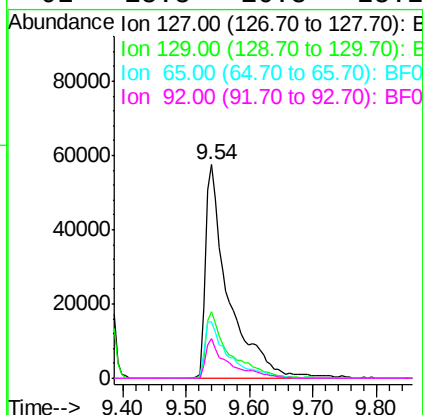
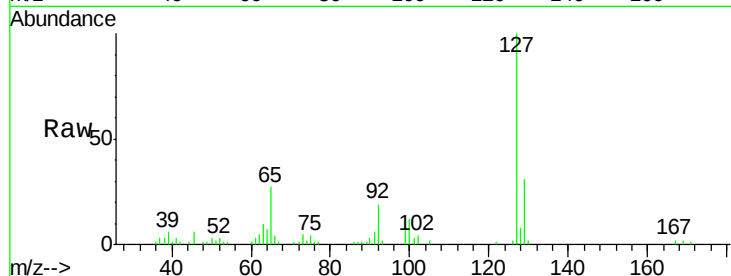




#33
4-Chloroaniline
Concen: 31.202 ng
RT: 9.54 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

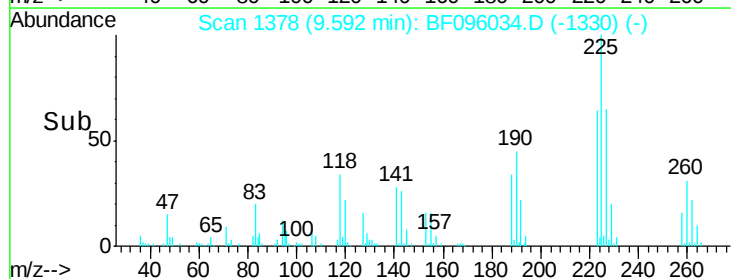
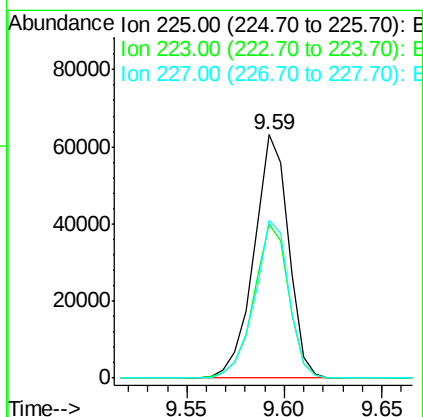
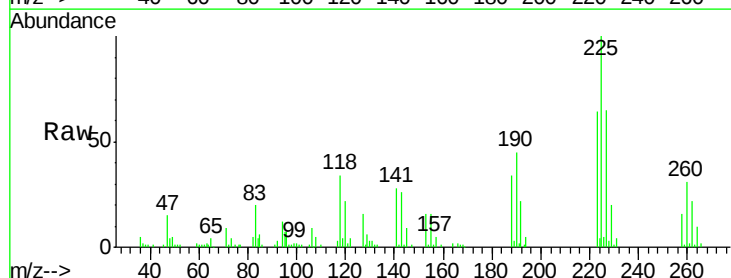
Instrument :
BNA_F
ClientSampleId :
PB99828BS

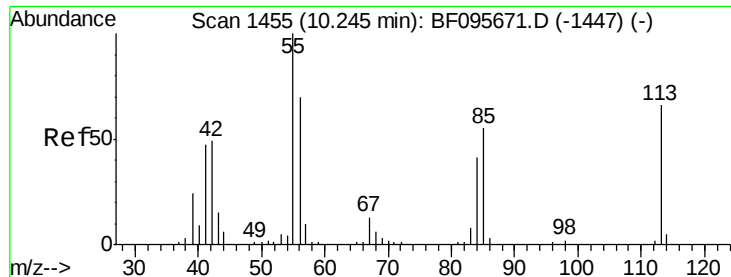
Tgt Ion:	127	Resp:	143968
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	26.6	27.8	41.8#
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.394 ng
RT: 9.59 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:	225	Resp:	77282
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	65.1	51.1	76.7





#35

Caprolactam

Concen: 43.789 ng

RT: 10.17 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

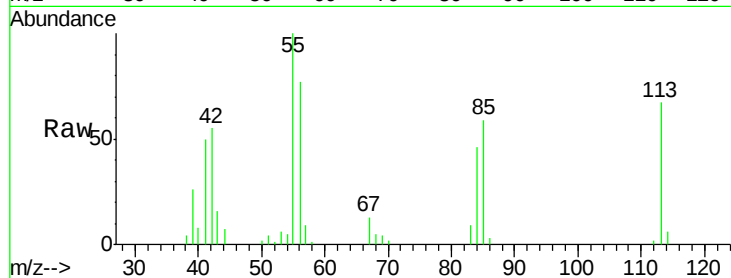
Tgt Ion:113 Resp: 41259

Ion Ratio Lower Upper

113 100

55 150.1 150.2 190.2#

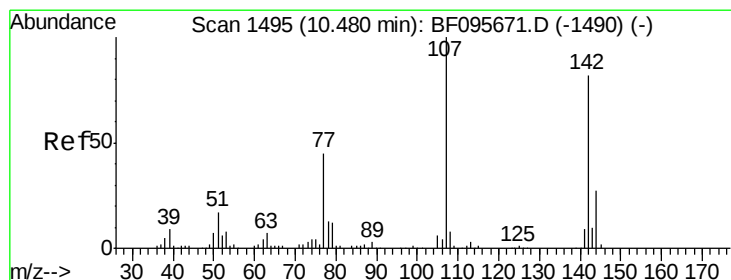
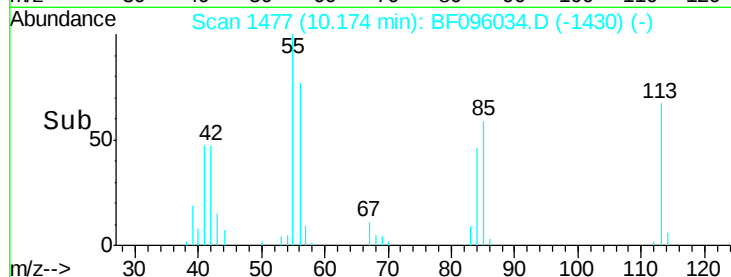
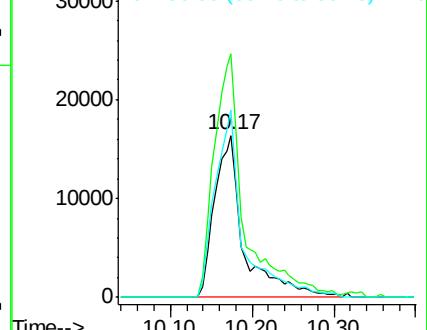
56 115.7 107.8 147.8



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: 42.493 ng

RT: 10.42 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

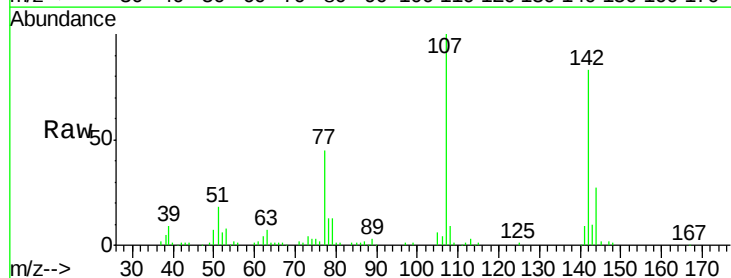
Tgt Ion:107 Resp: 140853

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

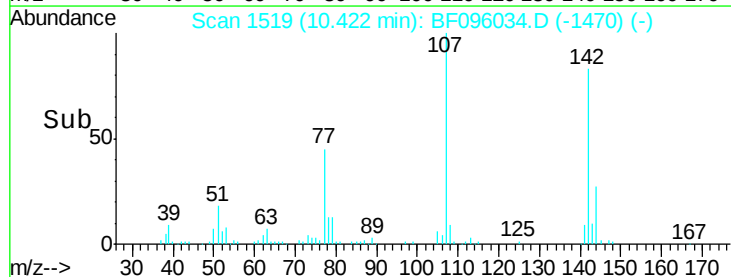
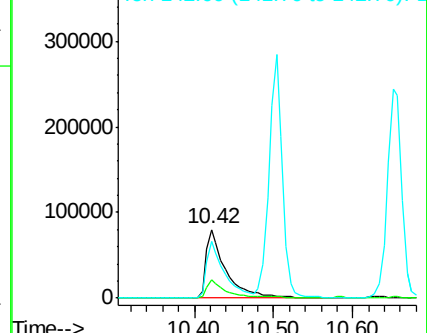
142 83.1 73.4 110.0

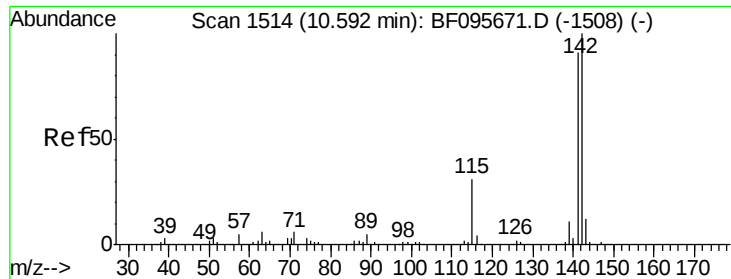


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

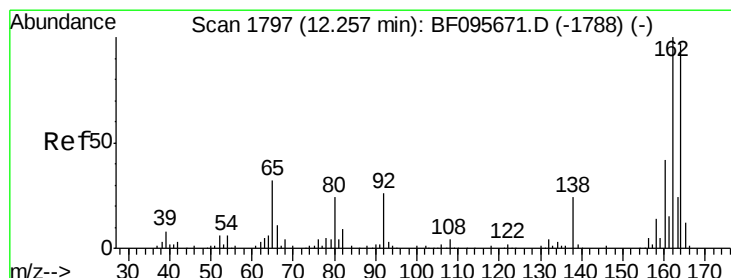
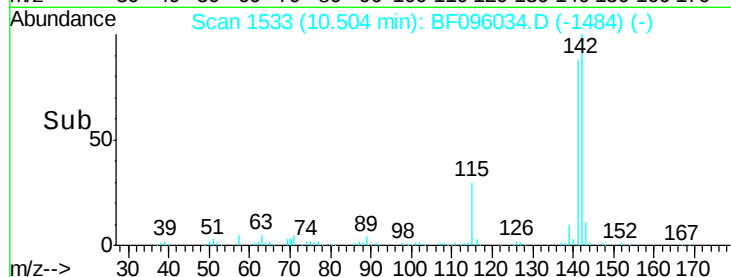
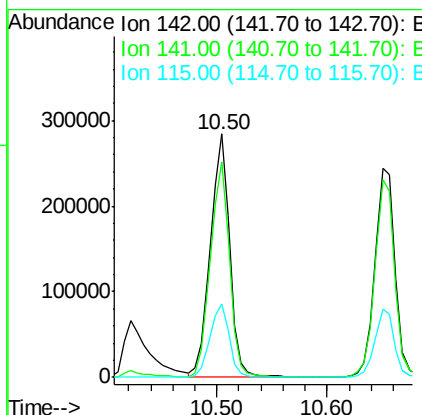
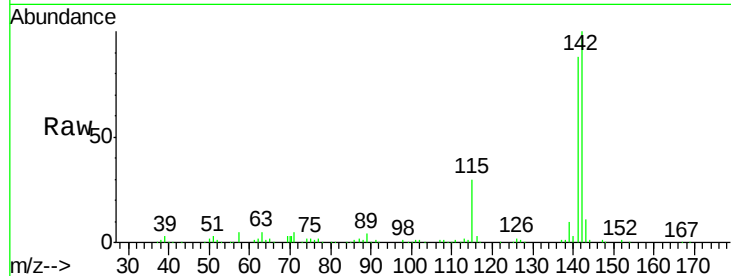




#37
2-Methylnaphthalene
Concen: 42.677 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

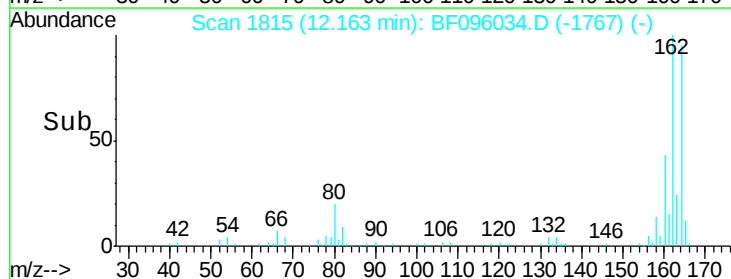
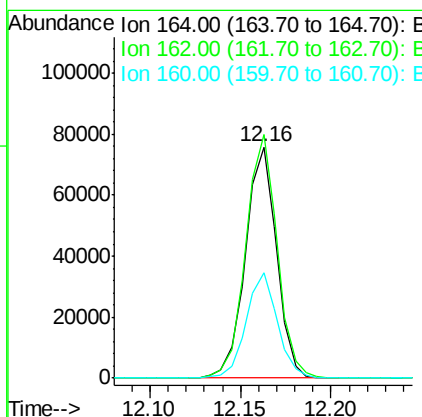
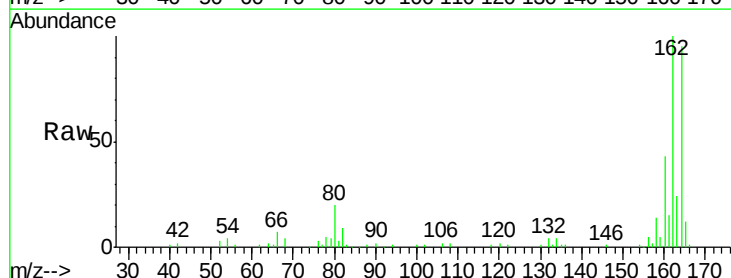
Instrument :
BNA_F
ClientSampleId :
PB99828BS

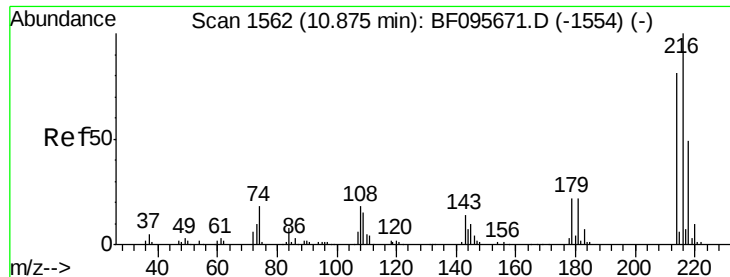
Tgt Ion:142 Resp: 340397
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9
115 30.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.16 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:164 Resp: 90254
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 45.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.131 ng

RT: 10.79 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

Tgt Ion:216 Resp: 130010

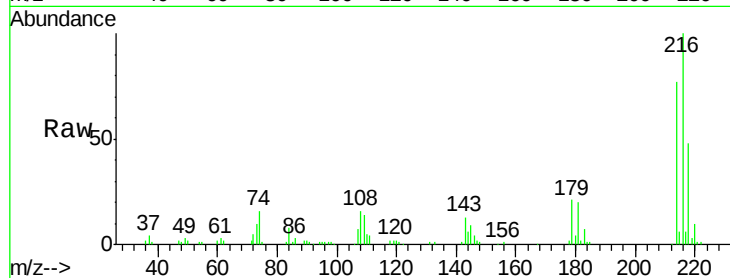
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.2

179 21.7 17.9 26.9

108 18.2 16.5 24.7

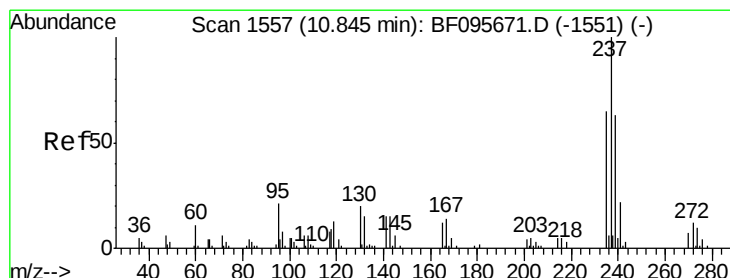
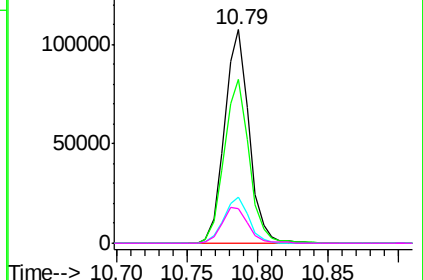
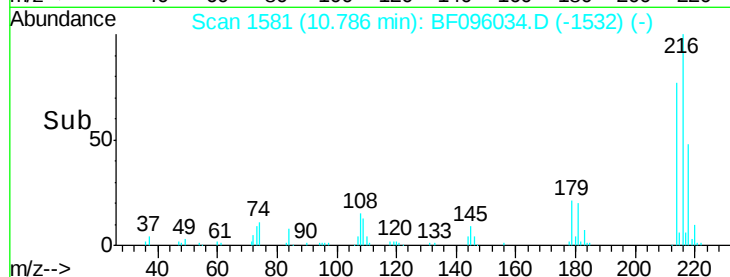


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 15.301 ng

RT: 10.75 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

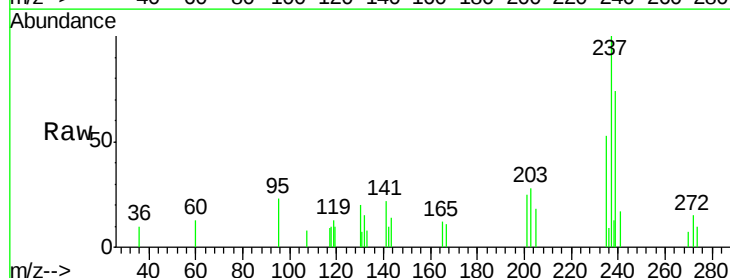
Tgt Ion:237 Resp: 3997

Ion Ratio Lower Upper

237 100

235 53.3 42.6 82.6

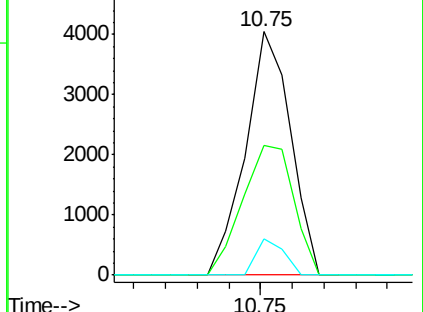
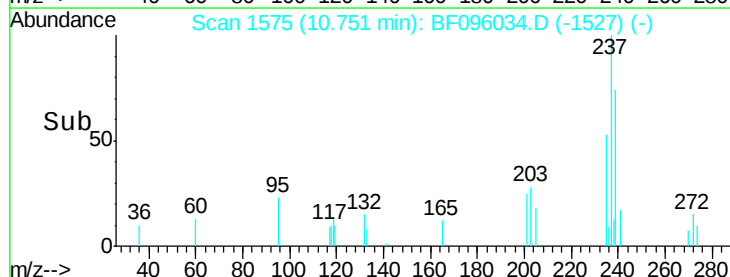
272 15.1 0.0 31.9

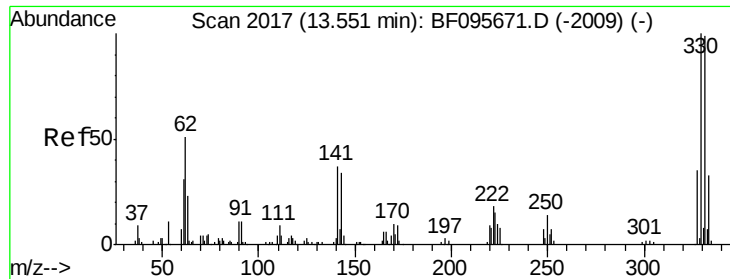


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

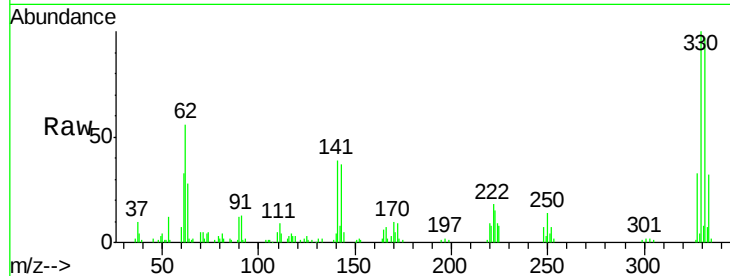




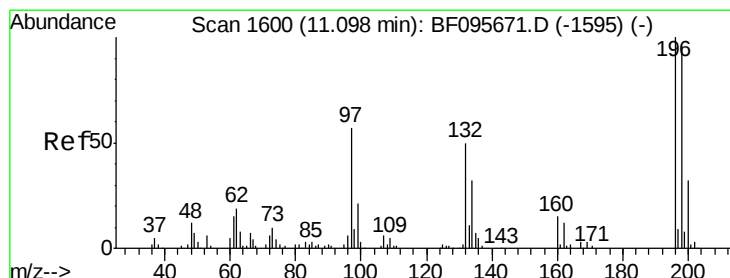
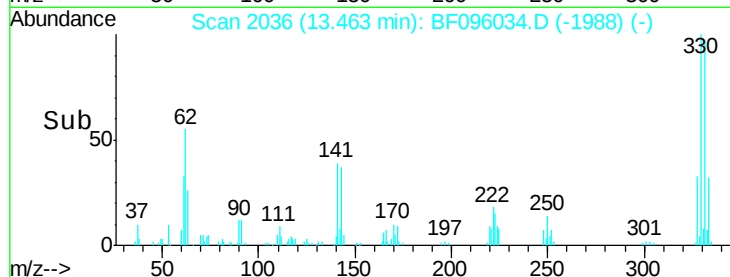
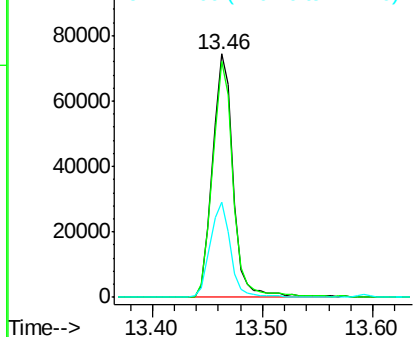
#41
 2,4,6-Tribromophenol
 Concen: 119.647 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tgt Ion:330 Resp: 95543
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.1 31.4 47.2

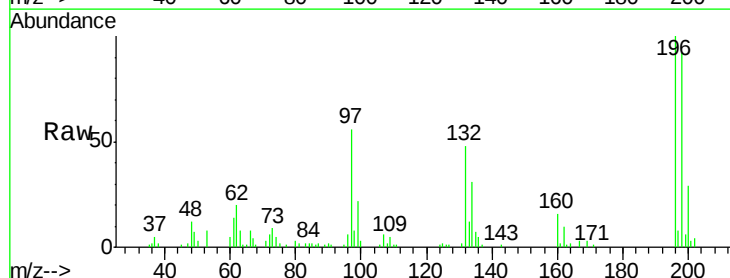


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

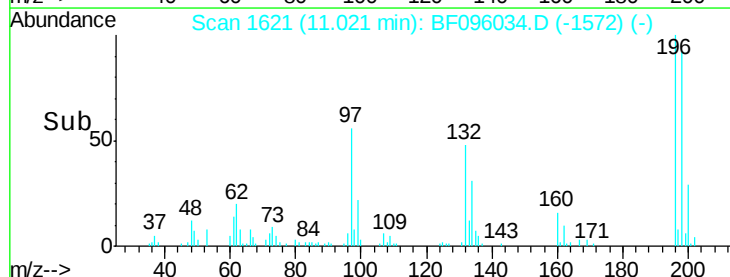
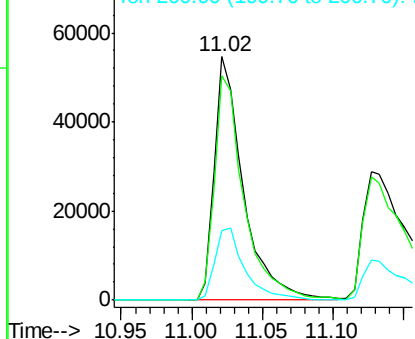


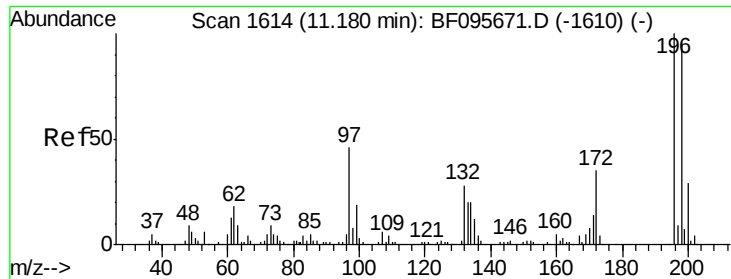
#42
 2,4,6-Trichlorophenol
 Concen: 45.186 ng
 RT: 11.02 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion:196 Resp: 78474
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.4
 200 28.6 24.0 36.0



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

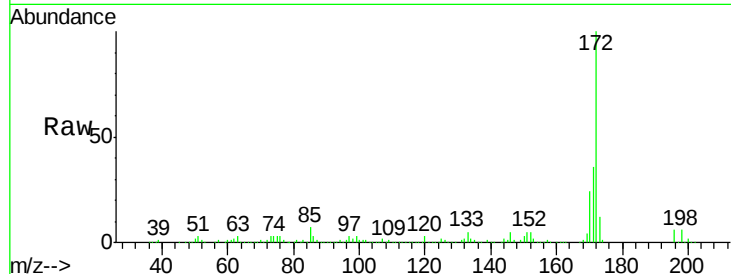




#43
 2,4,5-Trichlorophenol
 Concen: 40.601 ng
 RT: 11.13 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tgt Ion	Resp	Lower	Upper
196	75002		
198	95.8	75.7	113.5
97	54.2	47.7	71.5
132	36.5	28.0	42.0



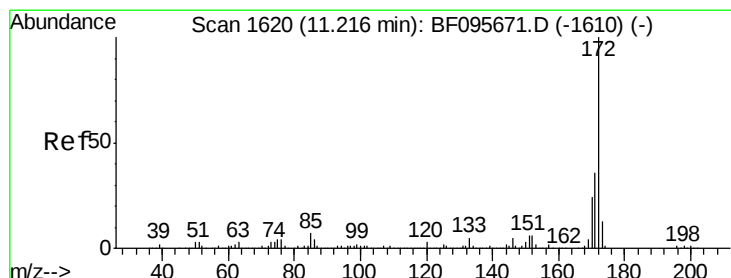
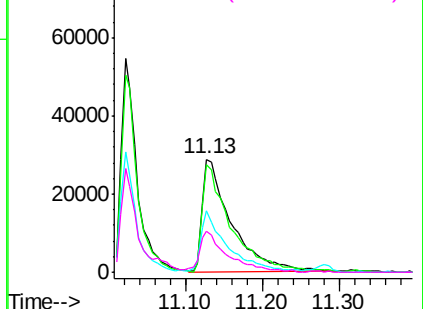
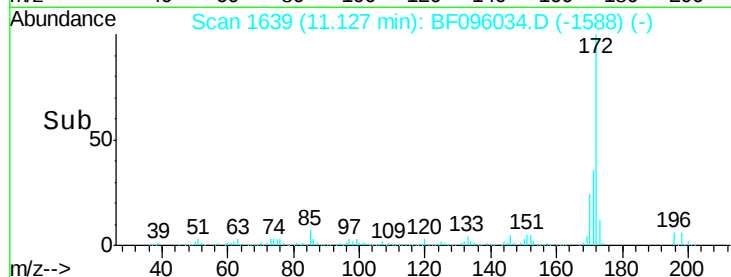
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

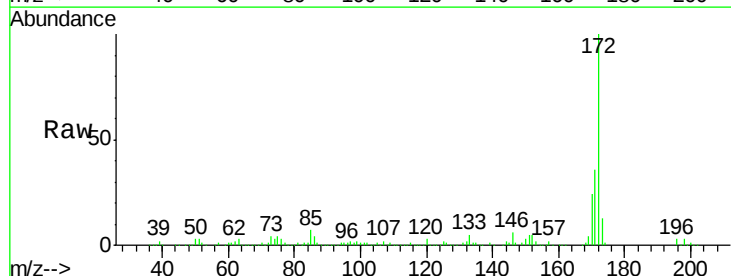
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.238 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Resp	Lower	Upper
172	663090		
171	35.6	29.6	44.4
170	23.5	19.8	29.8

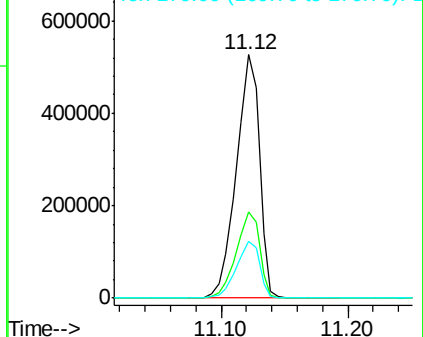
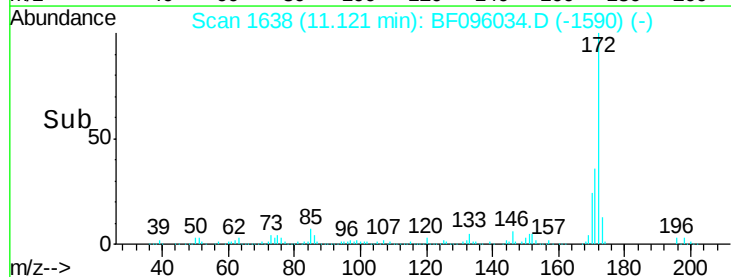


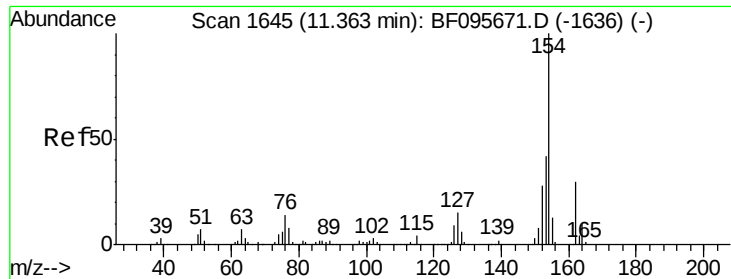
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

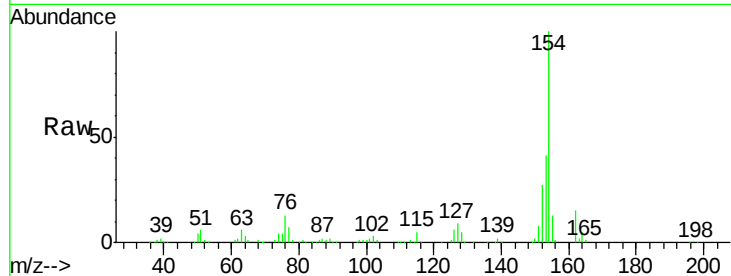




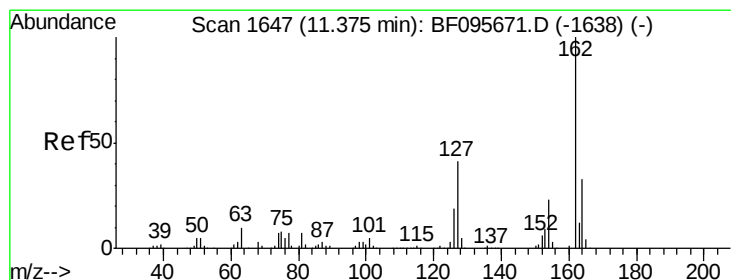
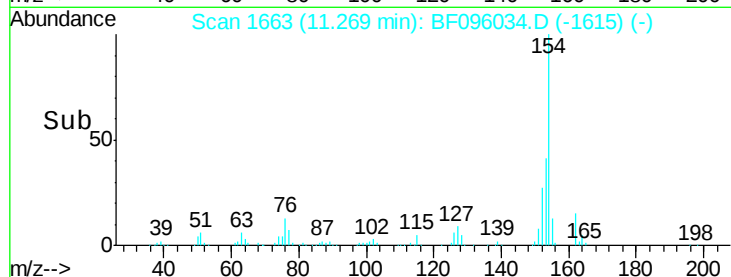
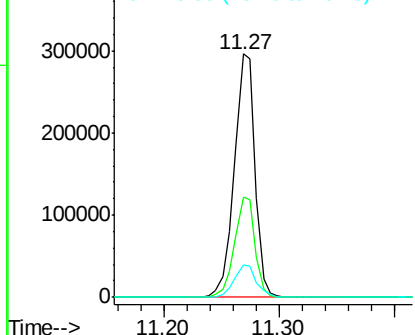
#45
 1,1'-Biphenyl
 Concen: 49.357 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tgt Ion:154 Resp: 367153
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.2 61.2
 76 13.2 0.0 29.9

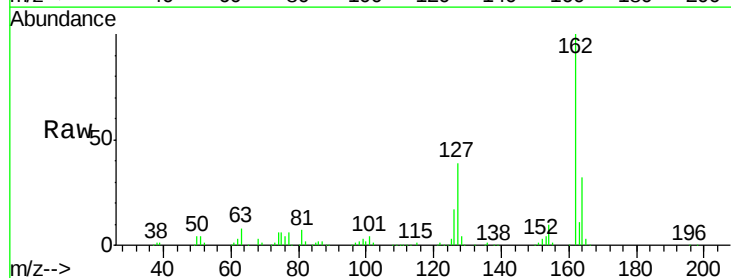


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

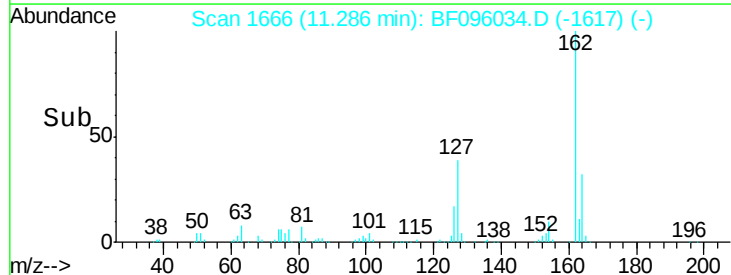
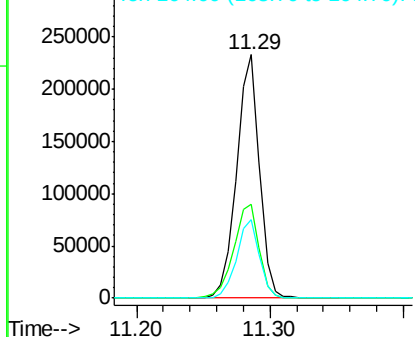


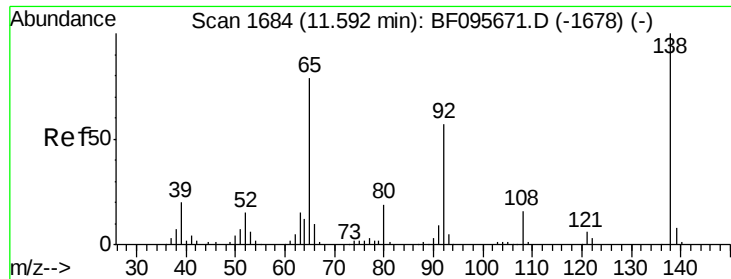
#46
 2-Chloronaphthalene
 Concen: 47.667 ng
 RT: 11.29 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion:162 Resp: 277043
 Ion Ratio Lower Upper
 162 100
 127 38.7 28.3 42.5
 164 32.1 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

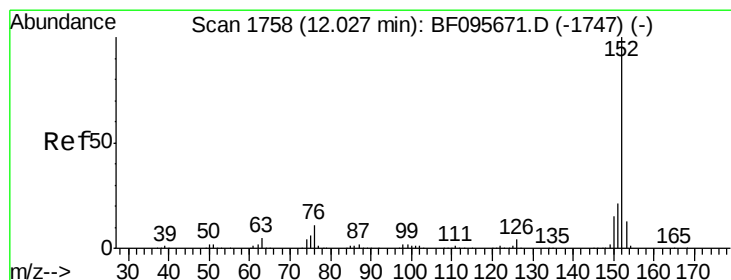
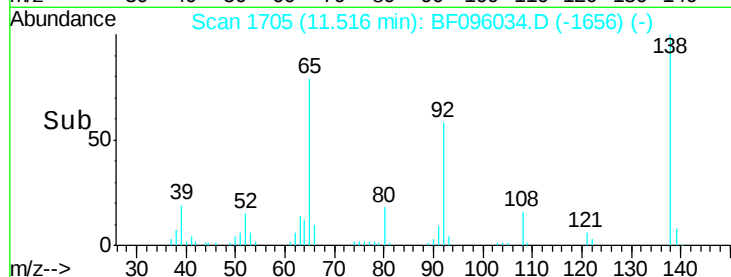
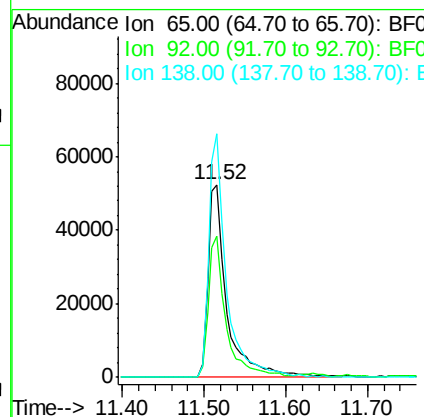
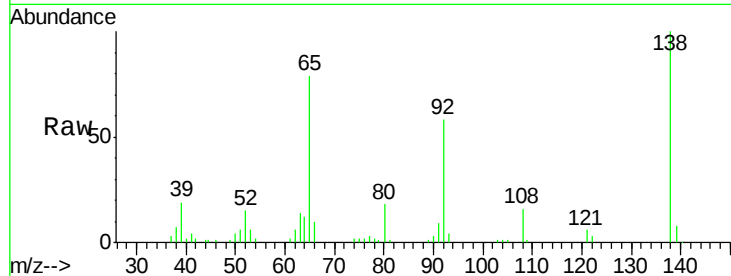




#47
 2-Nitroaniline
 Concen: 49.847 ng
 RT: 11.52 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

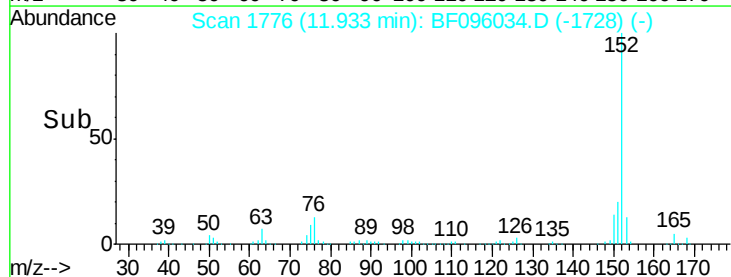
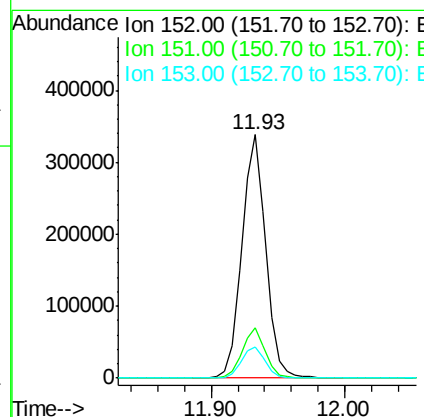
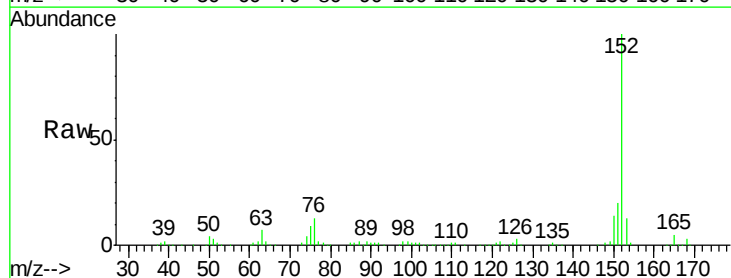
Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

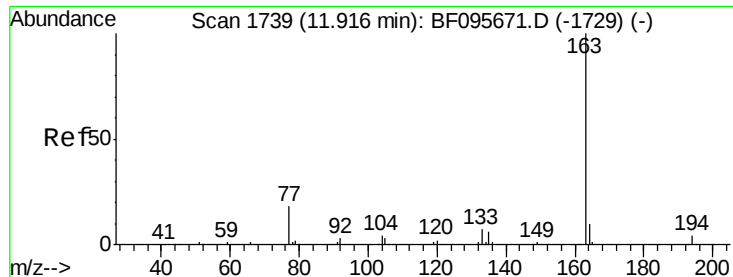
Tgt Ion: 65 Resp: 84779
 Ion Ratio Lower Upper
 65 100
 92 73.2 53.9 80.9
 138 126.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.099 ng
 RT: 11.93 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion: 152 Resp: 418404
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 49.016 ng

RT: 11.83 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

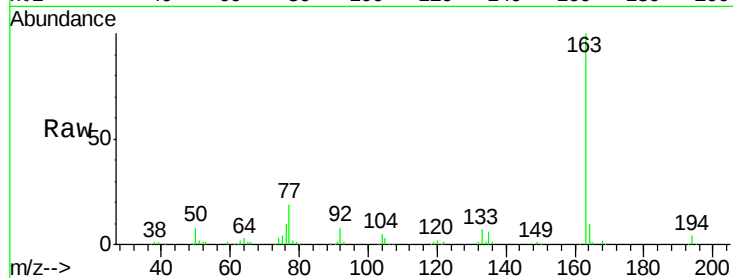
Tgt Ion:163 Resp: 335894

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

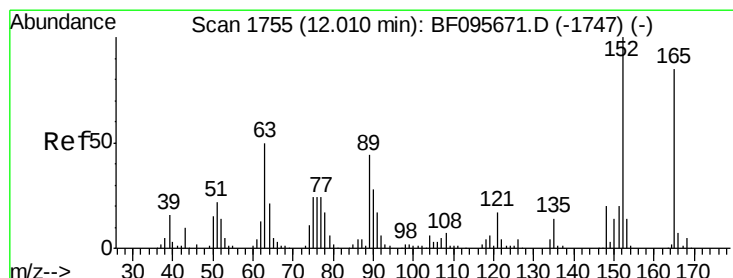
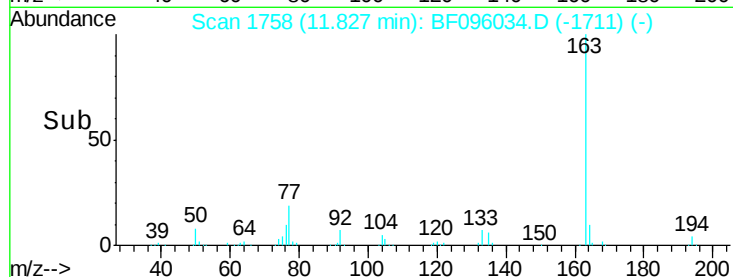
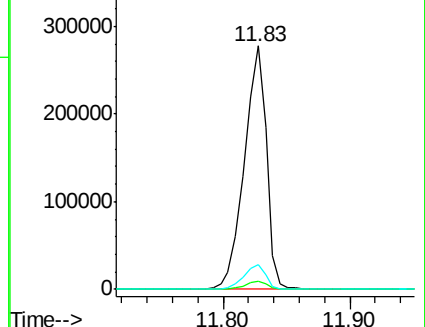
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.455 ng

RT: 11.92 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

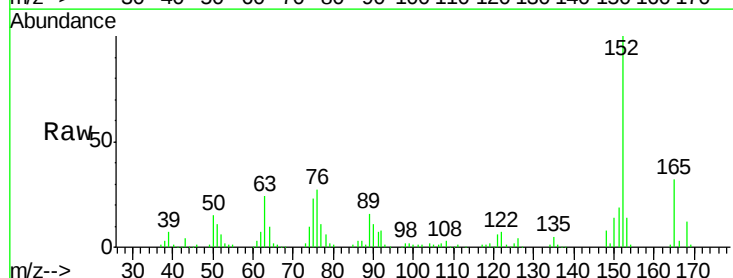
Tgt Ion:165 Resp: 51500

Ion Ratio Lower Upper

165 100

63 76.2 34.3 51.5#

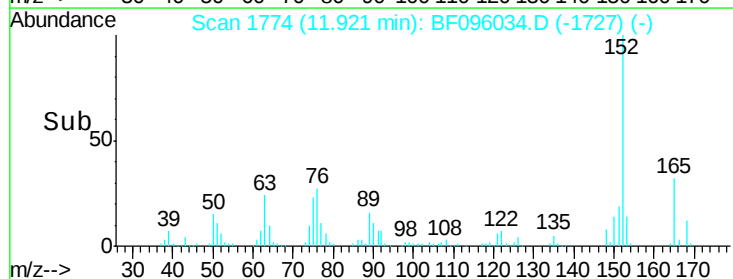
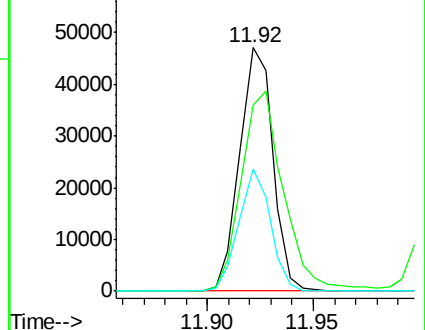
89 50.0 37.1 55.7

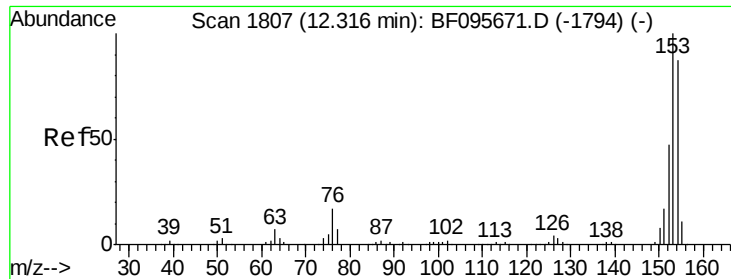


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.819 ng

RT: 12.22 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

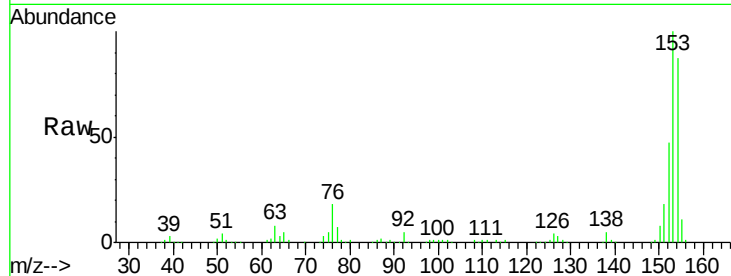
Tgt Ion:154 Resp: 240039

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

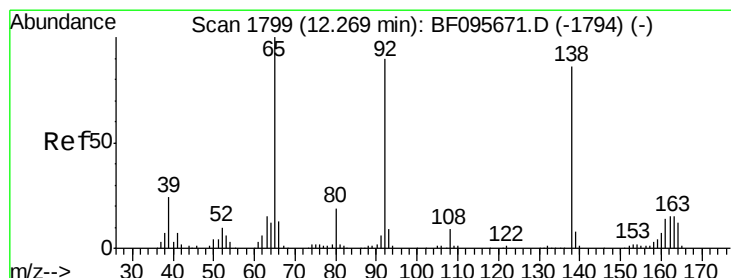
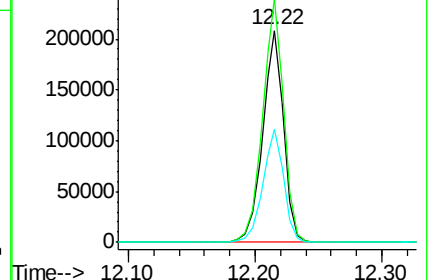
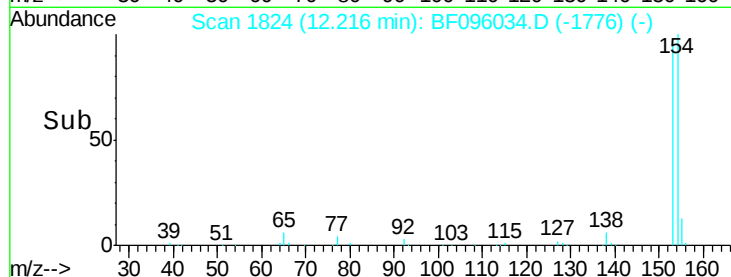
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.084 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

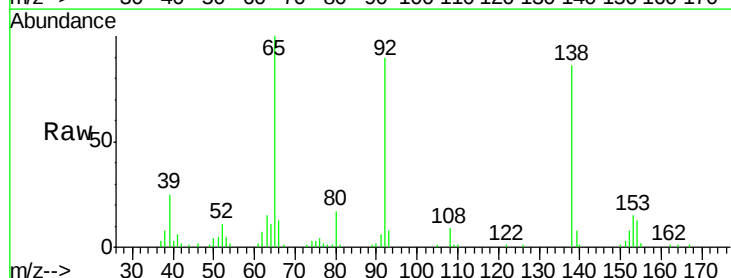
Tgt Ion:138 Resp: 83737

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

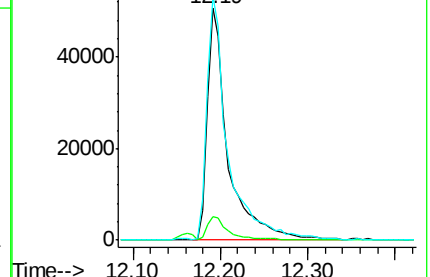
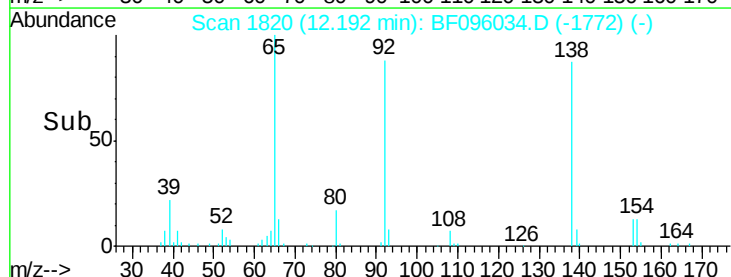
92 105.1 93.8 140.6

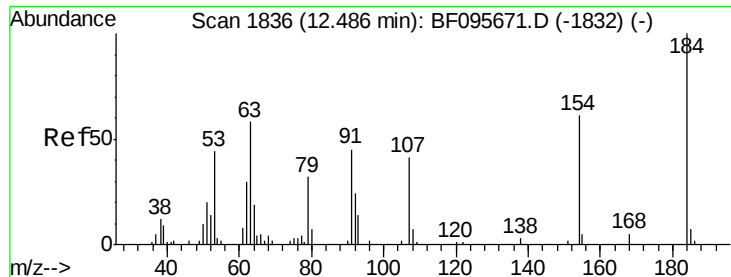


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

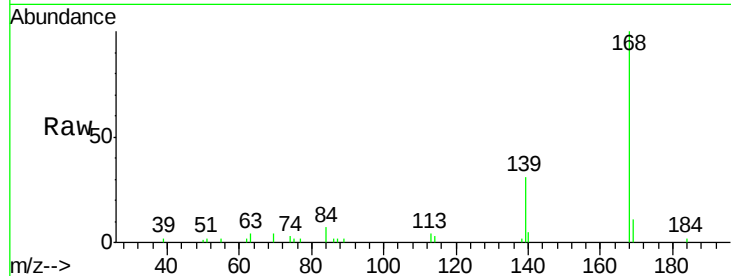




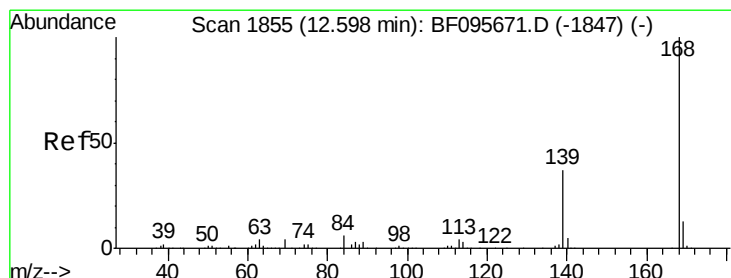
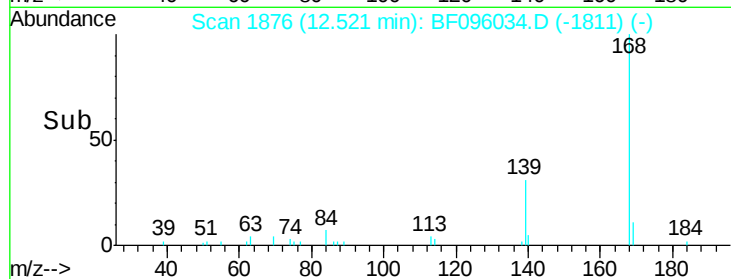
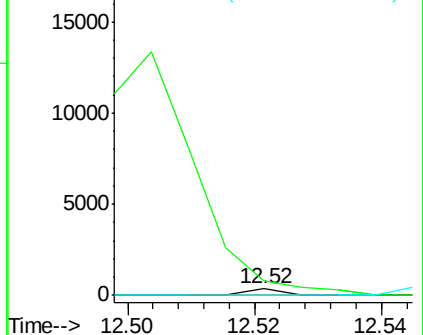
#53
 2,4-Dinitrophenol
 Concen: 6.611 ng
 RT: 12.52 min Scan# 1876
 Delta R.T. 0.08 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Tgt Ion:184 Resp: 125
 Ion Ratio Lower Upper
 184 100
 63 226.3 62.7 94.1#
 154 0.0 81.1 121.7#

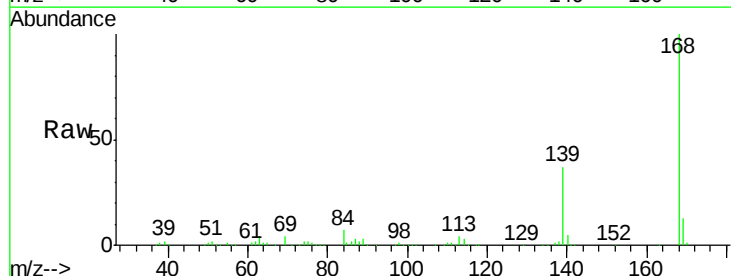


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

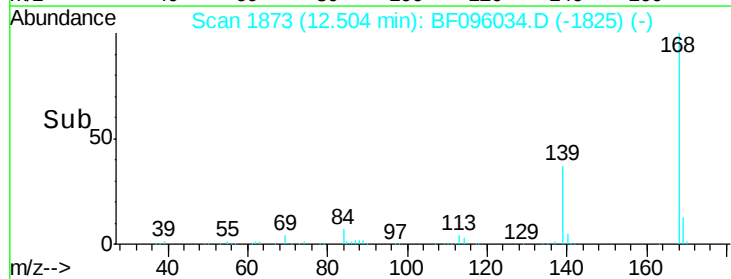
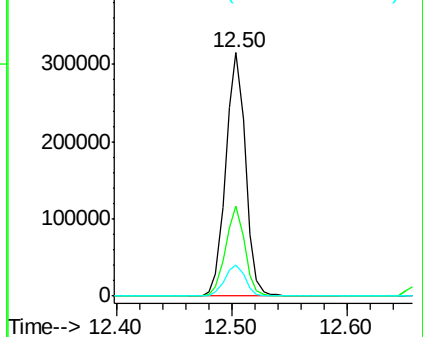


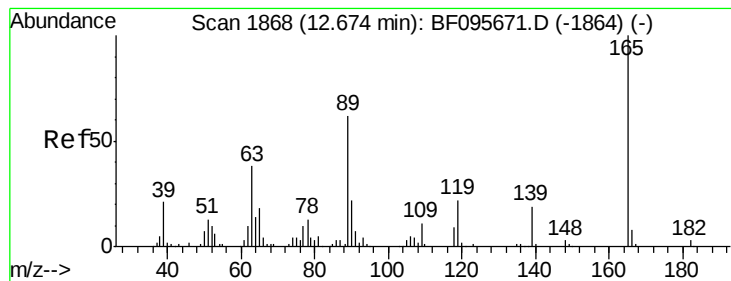
#54
 Dibenzofuran
 Concen: 45.982 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion:168 Resp: 371467
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.6 45.8
 169 12.6 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: 55.038 ng

RT: 12.66 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

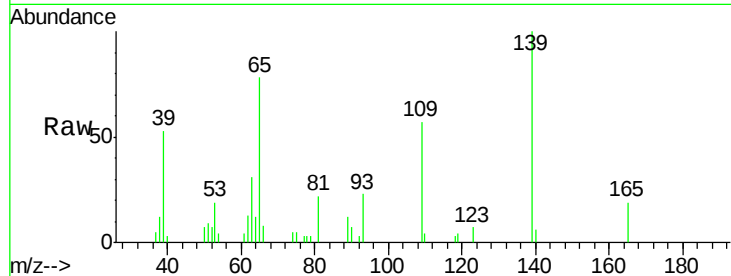
Tgt Ion:139 Resp: 54403

Ion Ratio Lower Upper

139 100

109 56.9 34.1 74.1

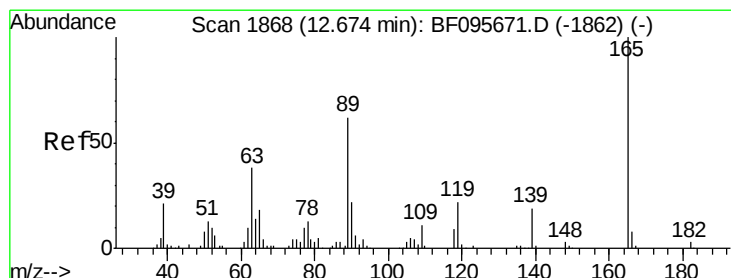
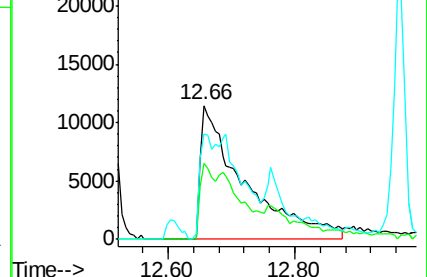
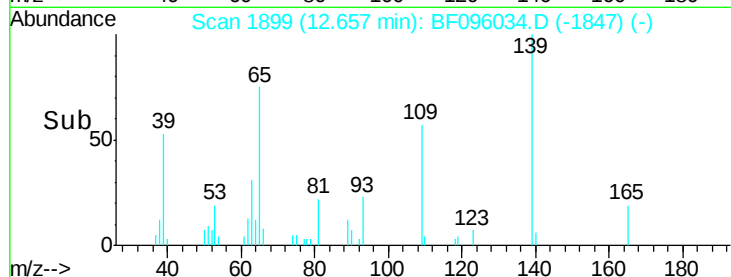
65 78.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 30.672 ng

RT: 12.60 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:165 Resp: 61924

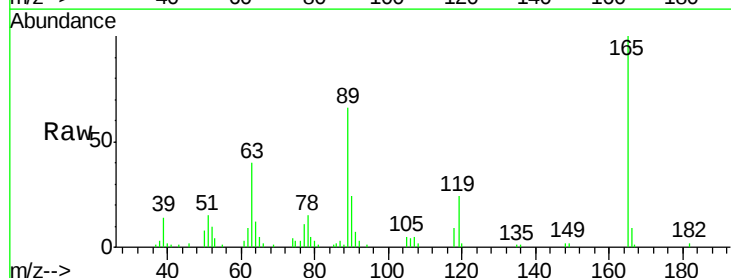
Ion Ratio Lower Upper

165 100

63 39.9 25.4 38.0#

89 66.0 46.4 69.6

182 2.1 1.8 2.6

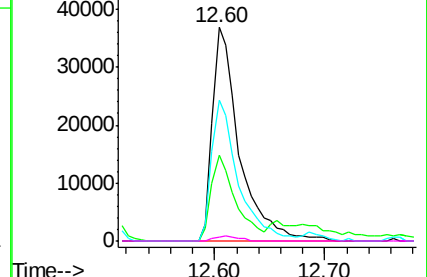
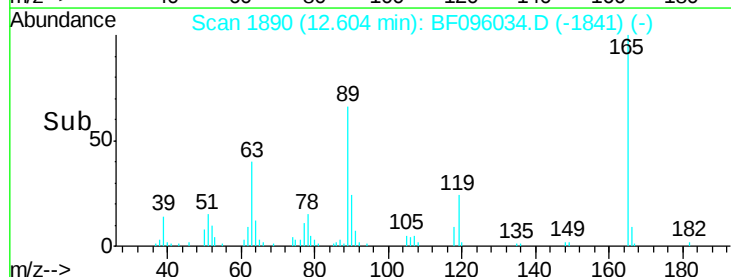


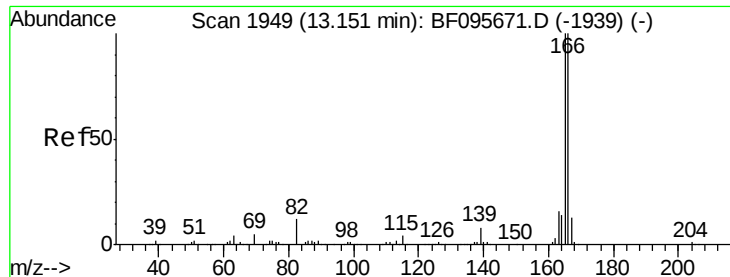
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.056 ng

RT: 13.06 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

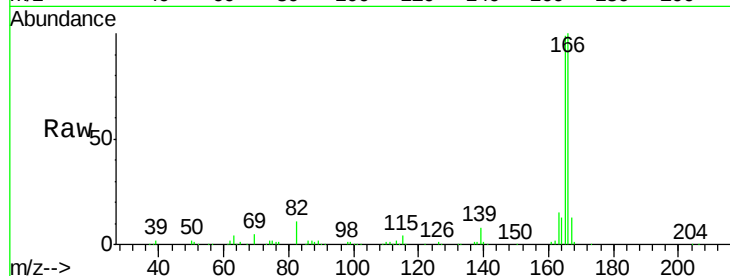
Tgt Ion:166 Resp: 288635

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

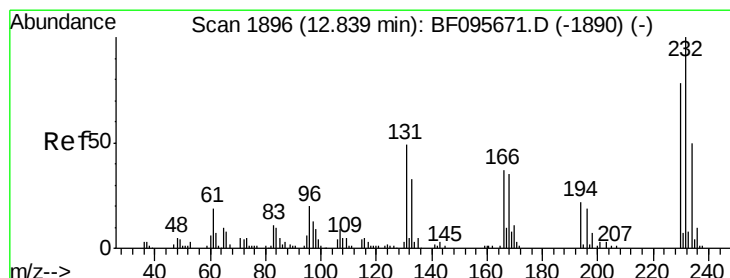
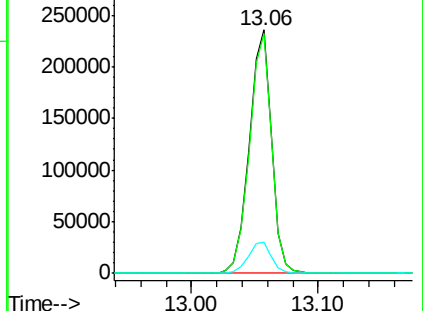
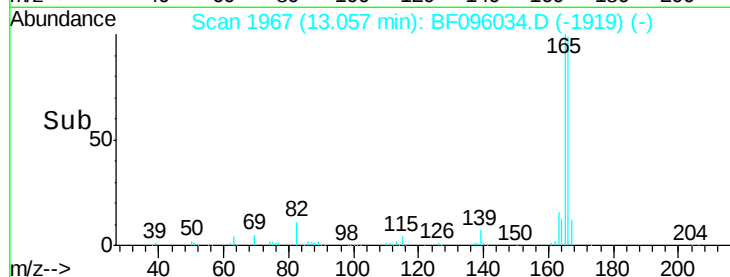
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.366 ng

RT: 12.77 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Tgt Ion:232 Resp: 52284

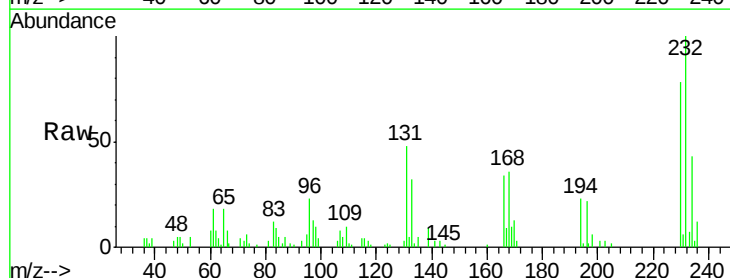
Ion Ratio Lower Upper

232 100

131 46.3 44.8 67.2

130 1.7 2.3 3.5#

166 27.8 29.0 43.4#

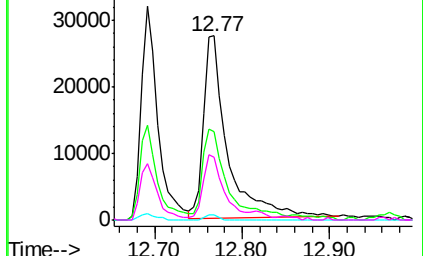
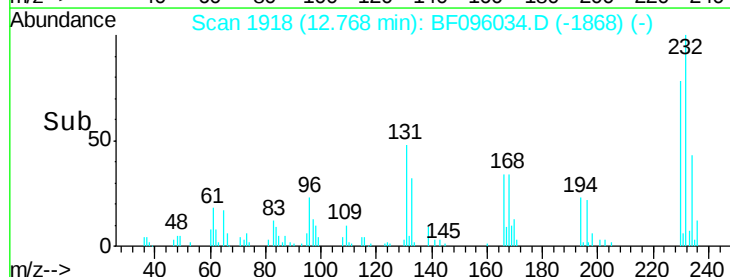


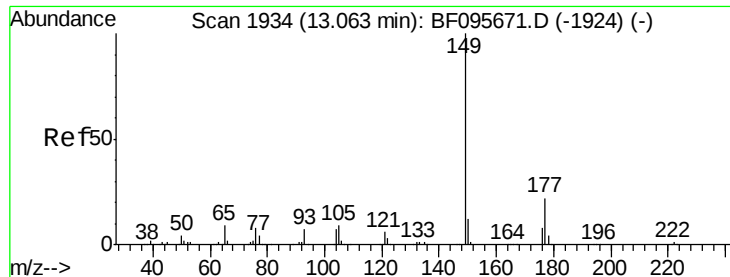
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

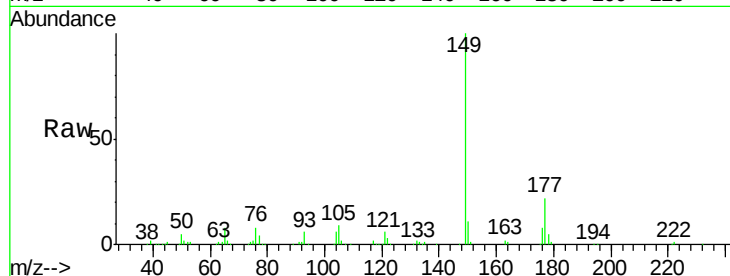




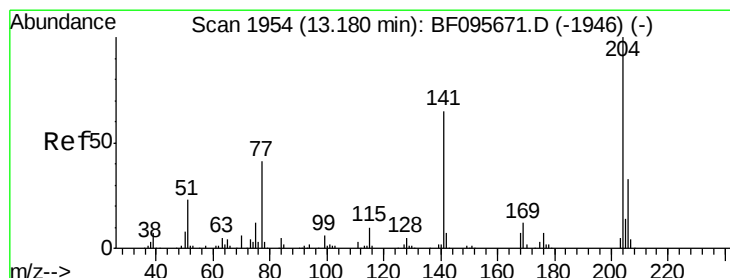
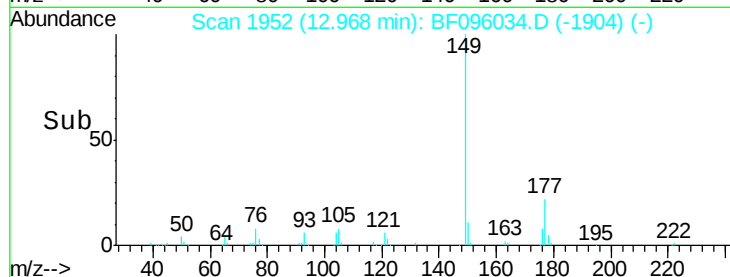
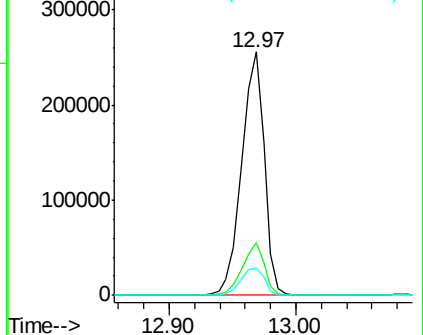
#59
Diethylphthalate
Concen: 47.771 ng
RT: 12.97 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tgt Ion:149 Resp: 315045
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 11.5 10.2 15.2

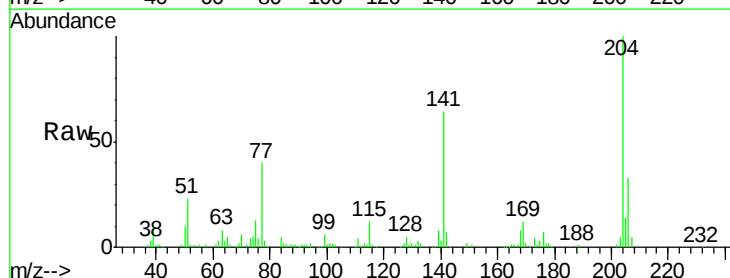


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

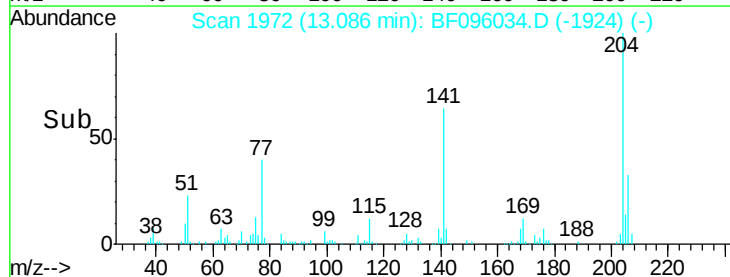
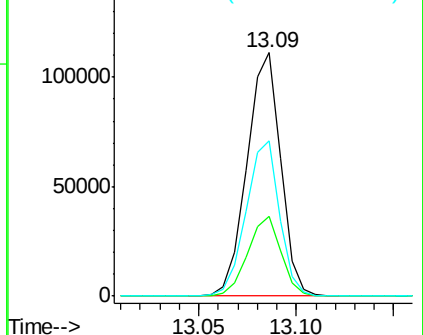


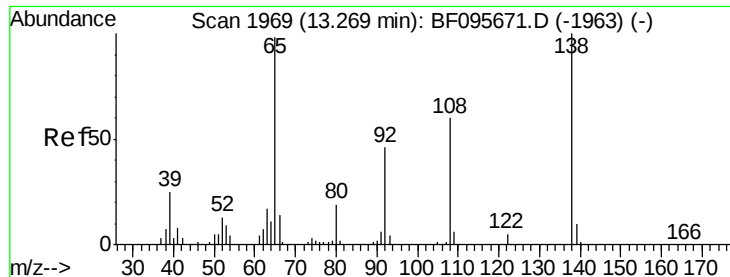
#60
4-Chlorophenyl-phenylether
Concen: 43.469 ng
RT: 13.09 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:204 Resp: 132897
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 63.7 60.8 91.2



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

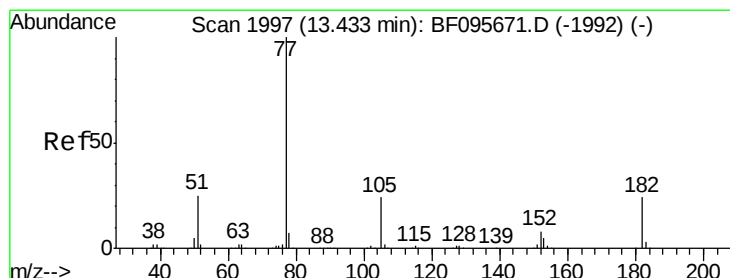
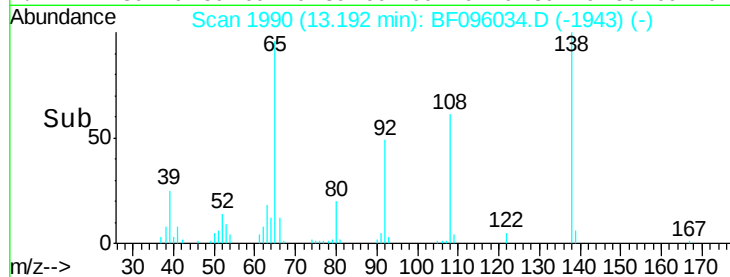
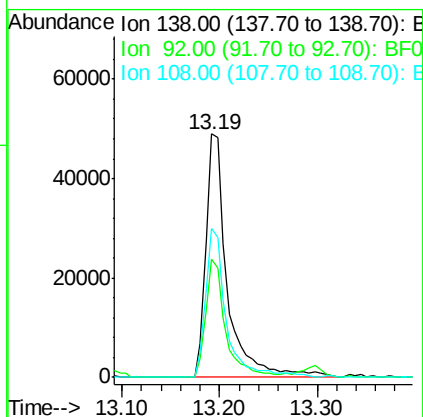
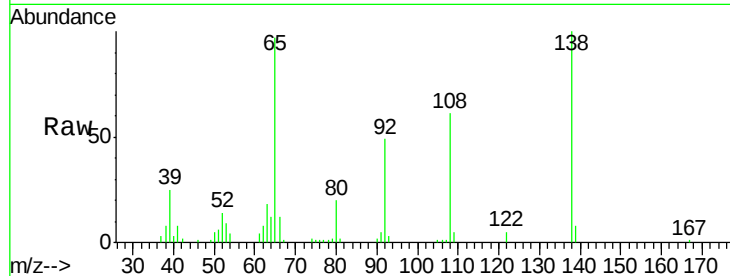




#61
4-Nitroaniline
Concen: 46.252 ng
RT: 13.19 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

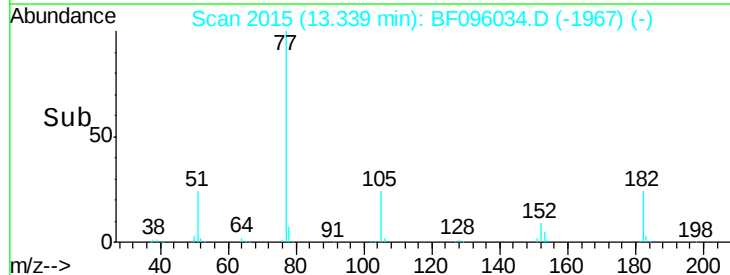
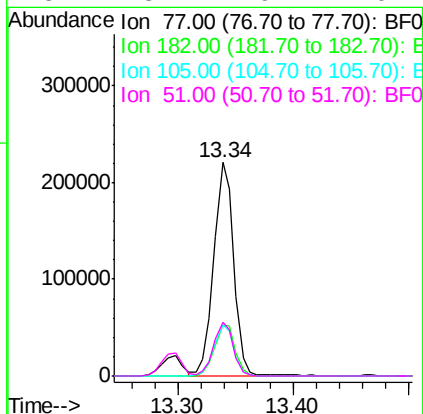
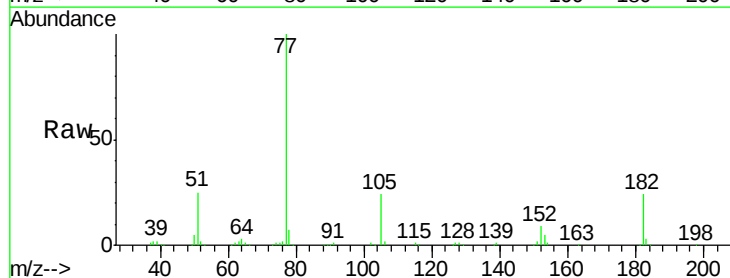
Instrument :
BNA_F
ClientSampleId :
PB99828BS

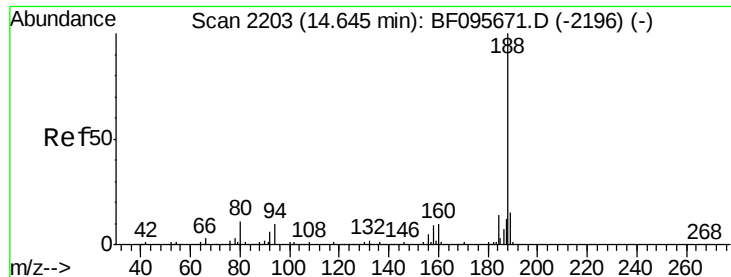
Tgt Ion: 138 Resp: 75204
Ion Ratio Lower Upper
138 100
92 48.7 21.8 61.8
108 61.2 42.3 82.3



#62
Azobenzene
Concen: 44.634 ng
RT: 13.34 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion: 77 Resp: 266775
Ion Ratio Lower Upper
77 100
182 23.9 0.1 40.1
105 24.0 3.6 43.6
51 25.1 9.4 49.4

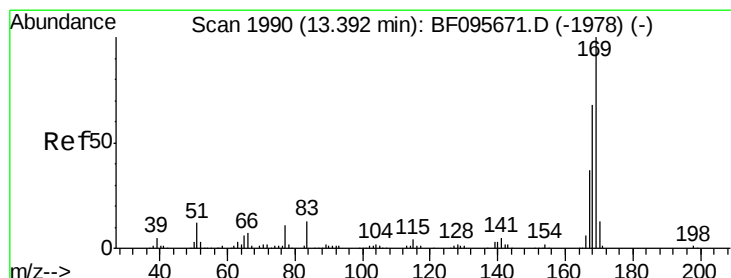
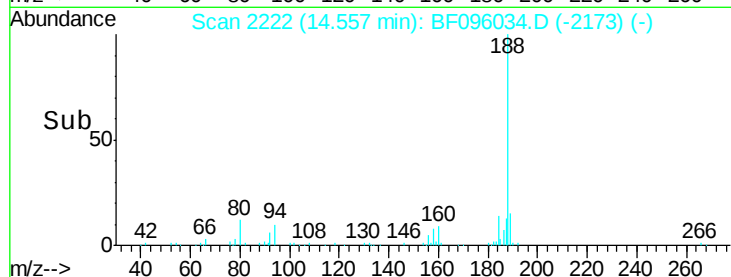
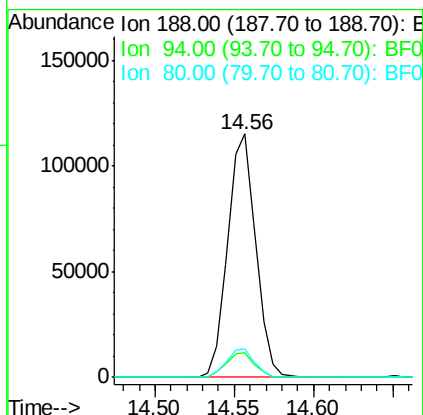
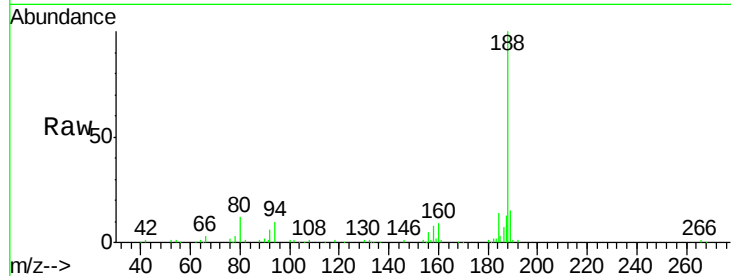




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

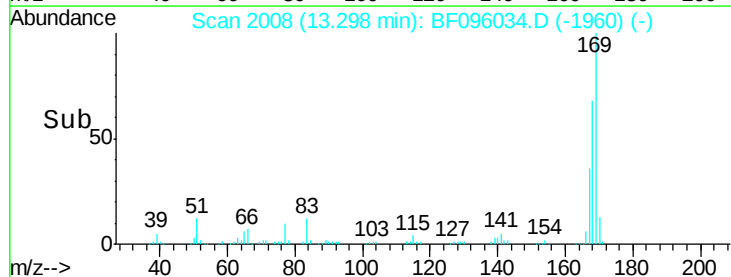
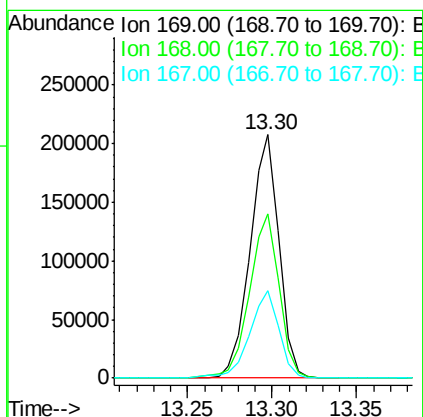
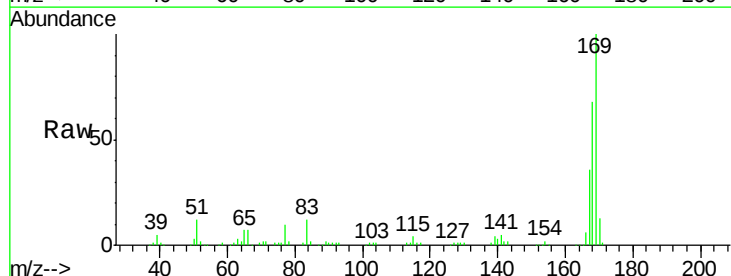
Instrument :
BNA_F
ClientSampleId :
PB99828BS

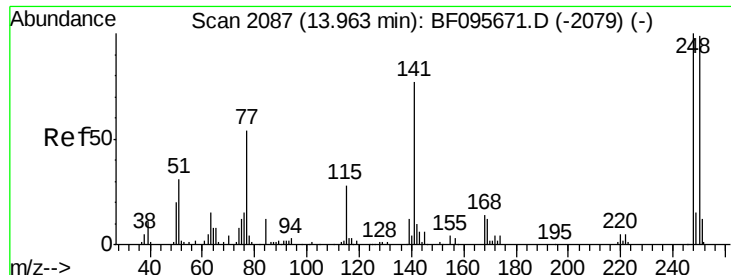
Tgt Ion:188 Resp: 141214
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.8 10.2 15.2



#65
n-Nitrosodiphenylamine
Concen: 48.629 ng
RT: 13.30 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:169 Resp: 246755
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 35.7 29.5 44.3

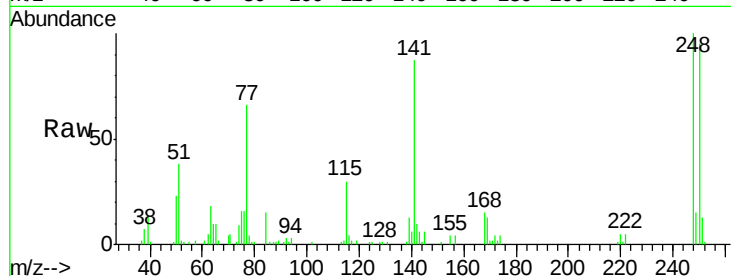




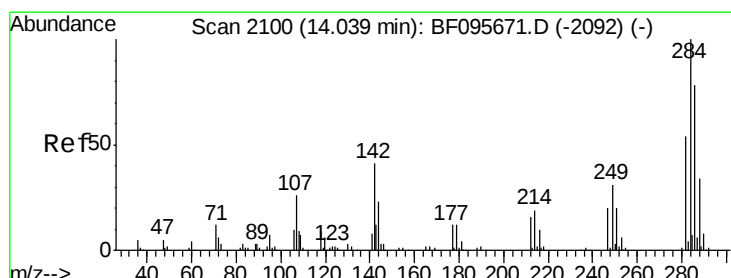
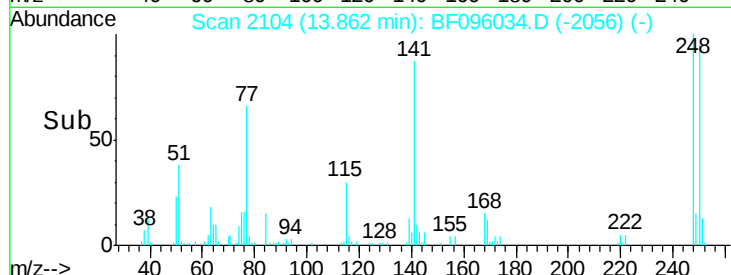
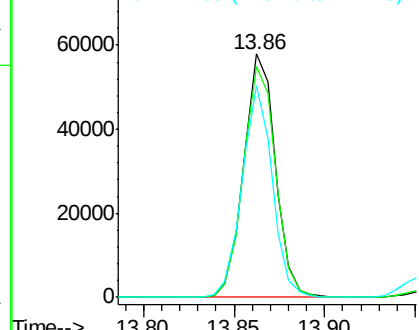
#66
4-Bromophenyl-phenylether
Concen: 47.942 ng
RT: 13.86 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tgt Ion:248 Resp: 70360
Ion Ratio Lower Upper
248 100
250 95.0 76.8 115.2
141 86.8 68.6 103.0

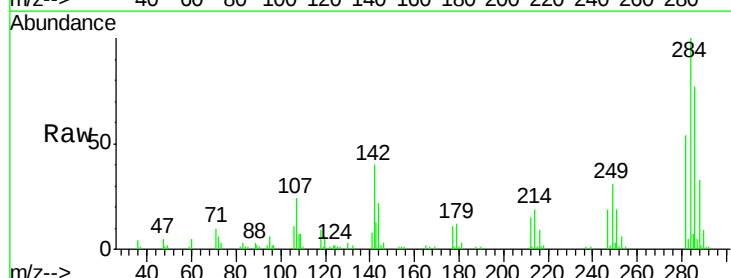


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

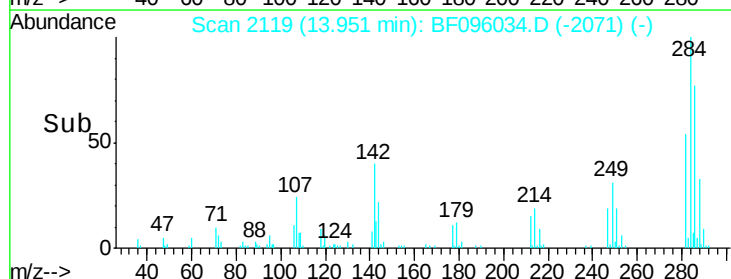
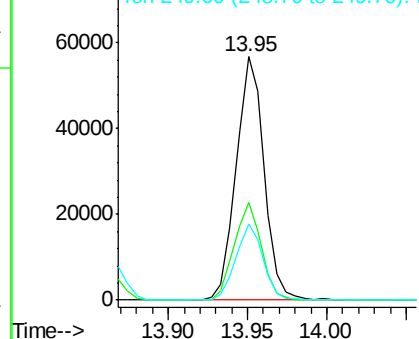


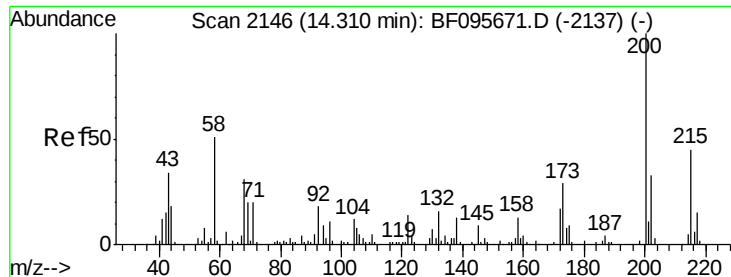
#67
Hexachlorobenzene
Concen: 47.777 ng
RT: 13.95 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:284 Resp: 69094
Ion Ratio Lower Upper
284 100
142 40.4 22.8 34.2#
249 31.2 24.0 36.0



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

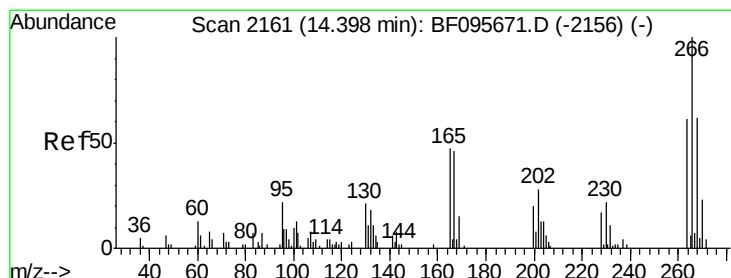
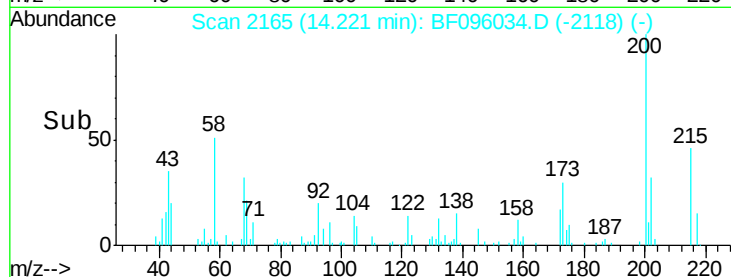
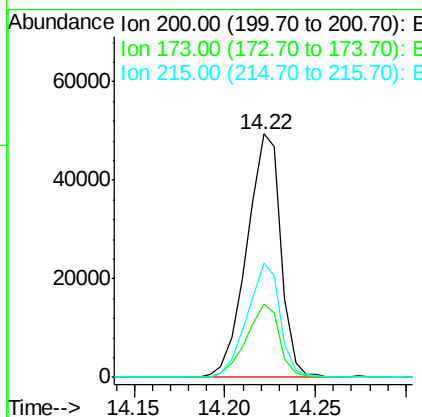
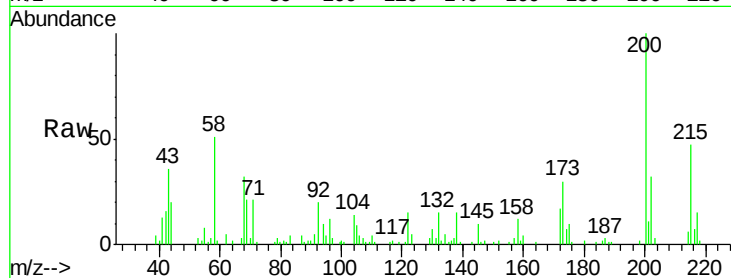




#68
 Atrazine
 Concen: 45.749 ng
 RT: 14.22 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

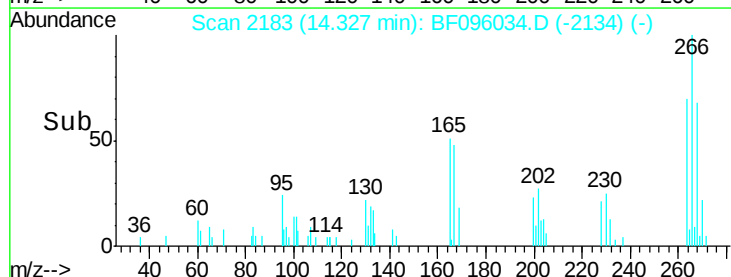
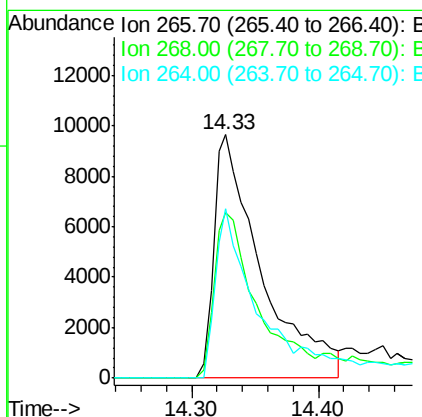
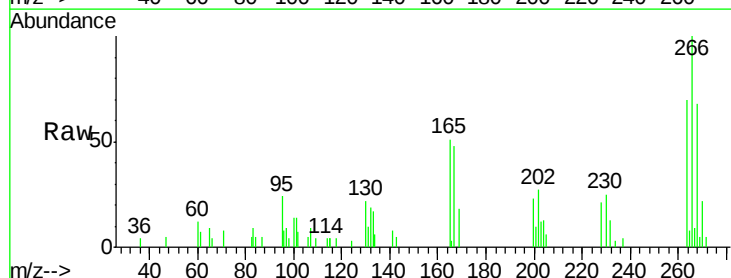
Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

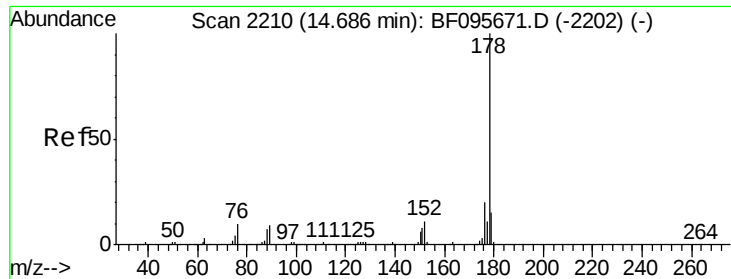
Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	6.3	46.3
215	47.0	27.2	67.2



#69
 Pentachlorophenol
 Concen: 48.563 ng
 RT: 14.33 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	51.1	76.7
264	69.8	51.7	77.5





#70

Phenanthrene

Concen: 45.432 ng

RT: 14.59 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

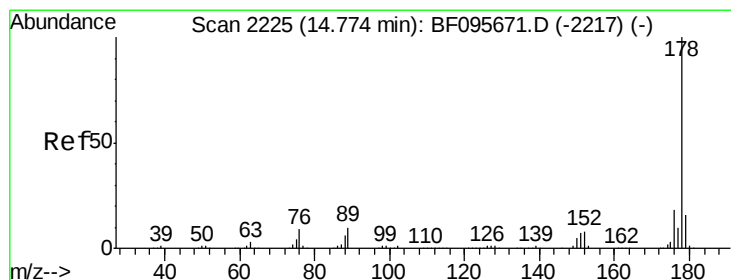
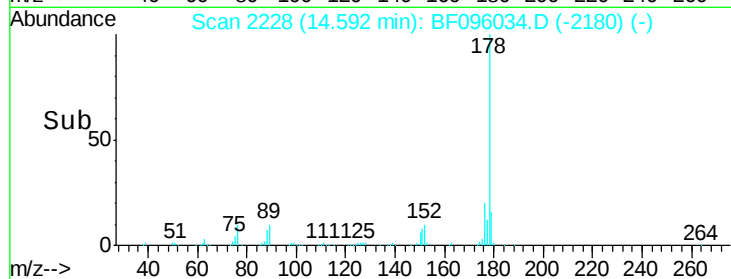
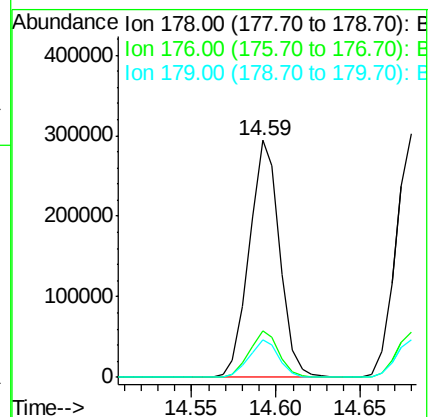
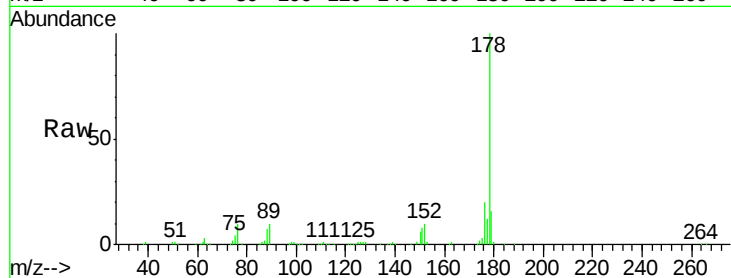
Tgt Ion:178 Resp: 370174

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

179 15.6 12.6 19.0



#71

Anthracene

Concen: 45.505 ng

RT: 14.68 min Scan# 2243

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

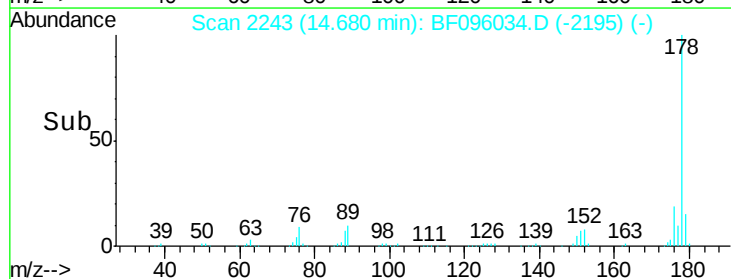
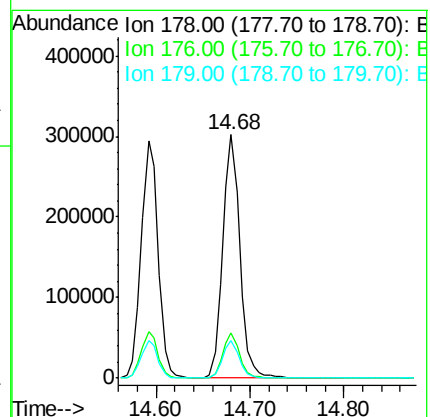
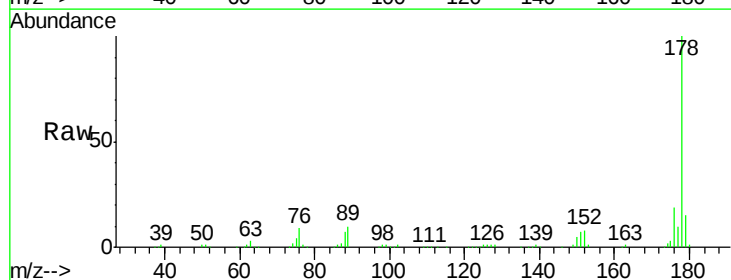
Tgt Ion:178 Resp: 387082

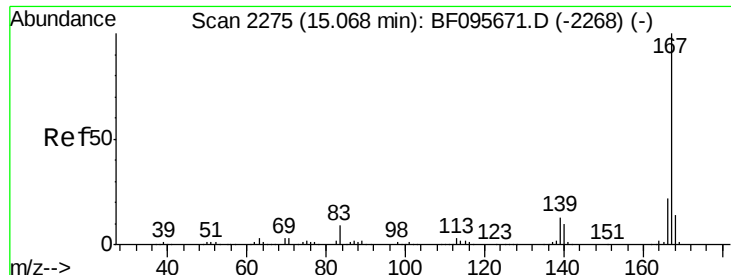
Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

179 15.4 12.7 19.1





#72

Carbazole

Concen: 42.894 ng

RT: 14.99 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

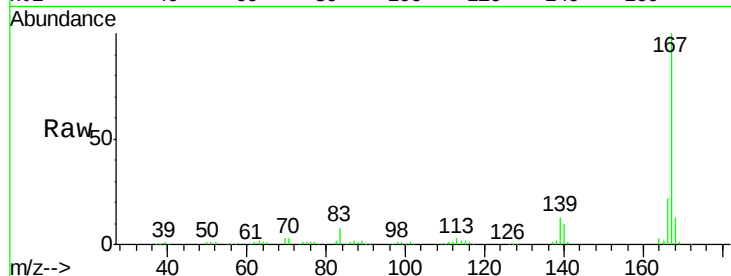
Tgt Ion:167 Resp: 355574

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

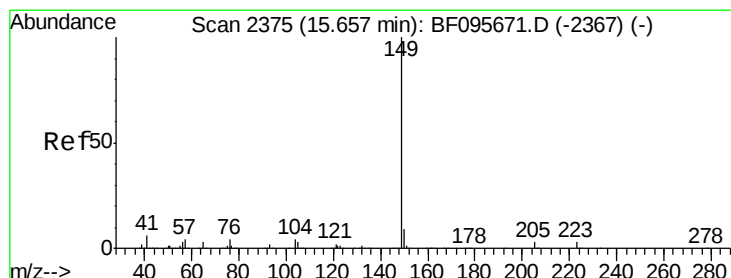
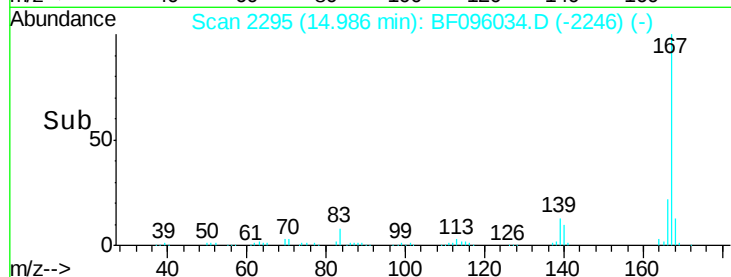
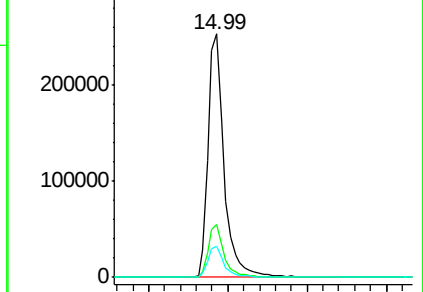
139 12.7 11.7 17.5



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: 50.534 ng

RT: 15.57 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

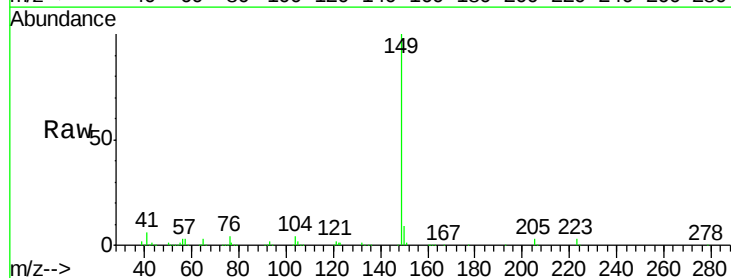
Tgt Ion:149 Resp: 445679

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

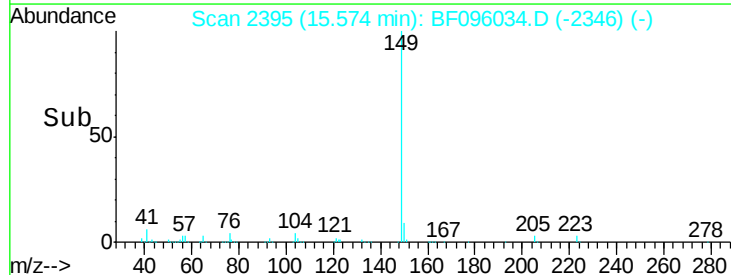
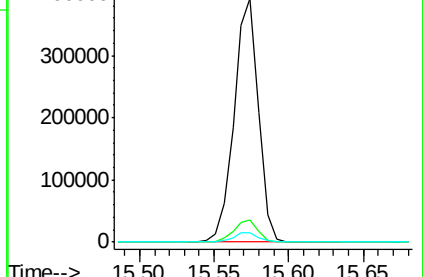
104 4.0 4.0 6.0

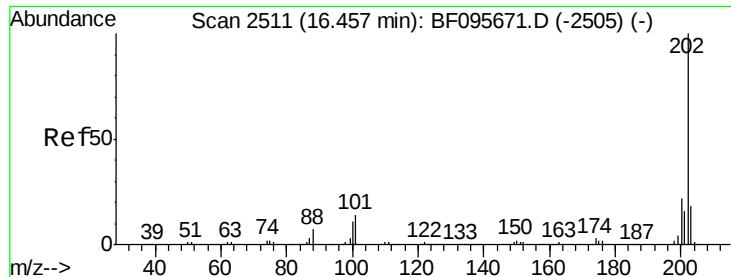


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

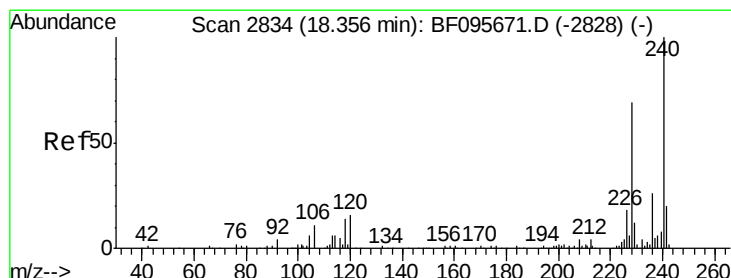
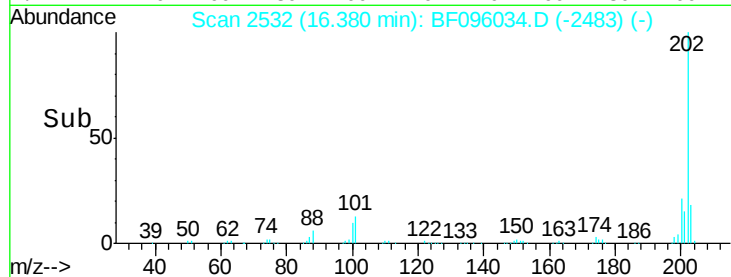
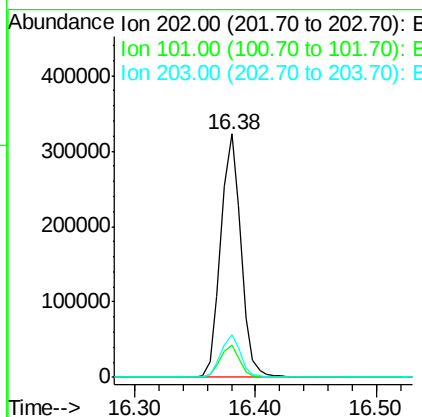
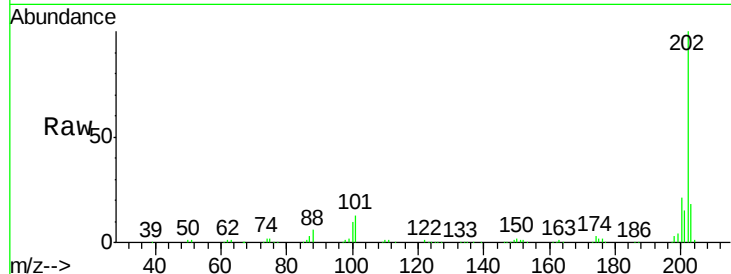




#74
 Fluoranthene
 Concen: 46.329 ng
 RT: 16.38 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

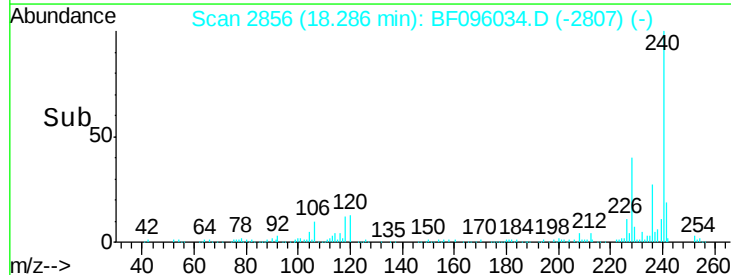
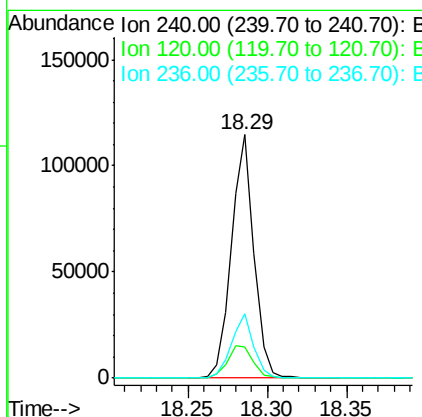
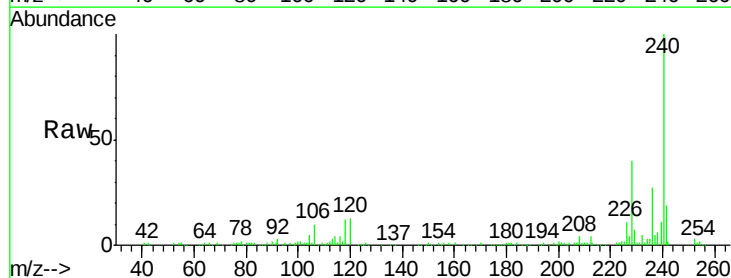
Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

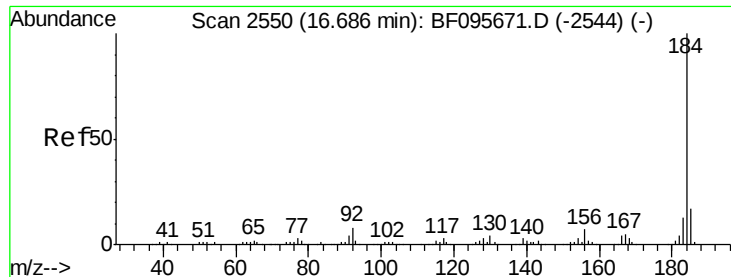
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.6	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.29 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	26.6	20.5	30.7

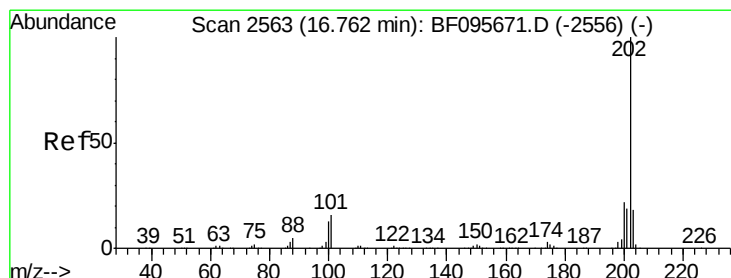
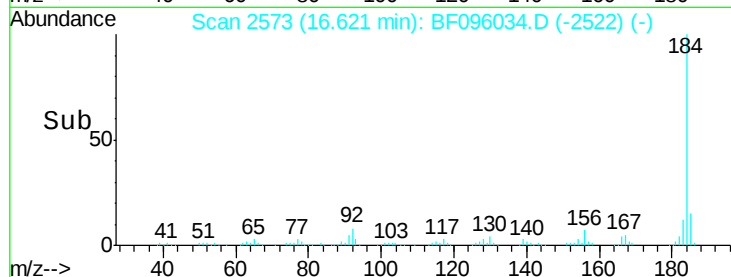
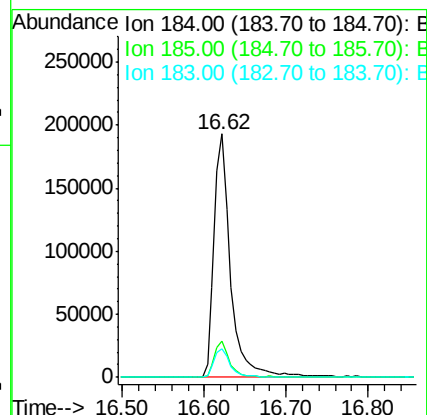
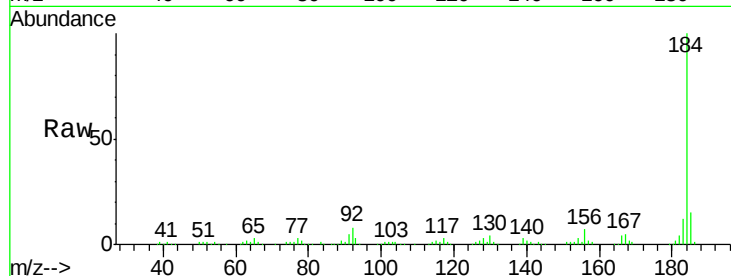




#76
Benzidine
Concen: 63.447 ng
RT: 16.62 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

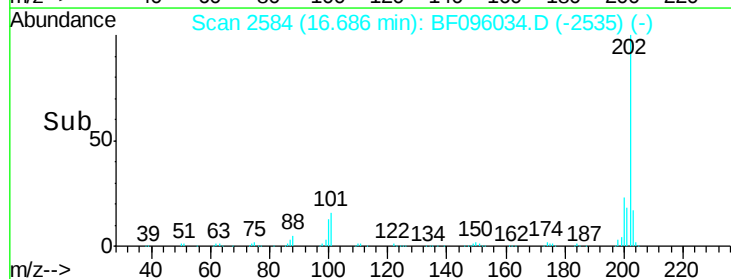
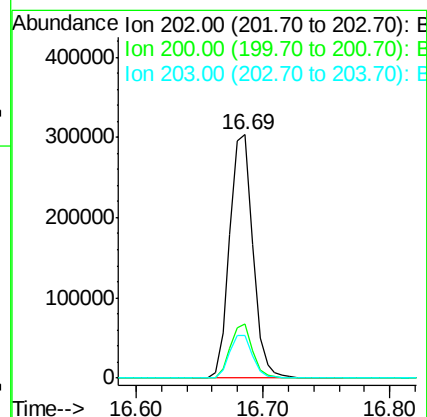
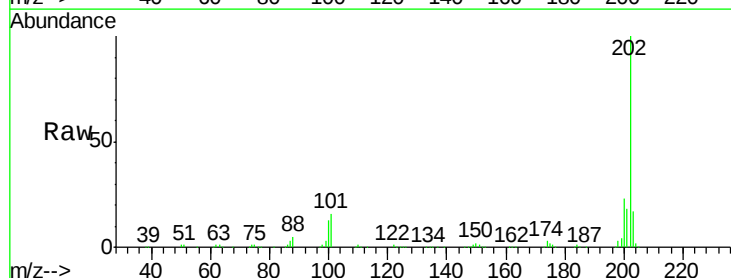
Instrument :
BNA_F
ClientSampleId :
PB99828BS

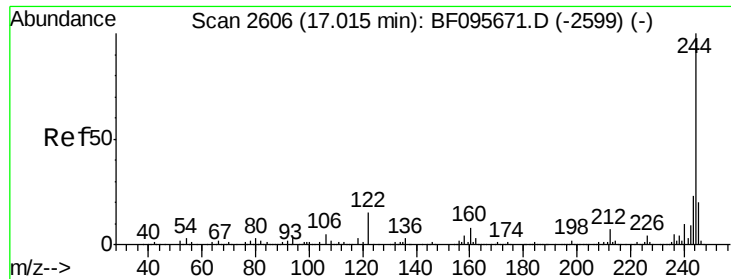
Tgt Ion:184 Resp: 273201
Ion Ratio Lower Upper
184 100
185 14.7 15.5 23.3#
183 11.9 9.8 14.6



#77
Pyrene
Concen: 46.008 ng
RT: 16.69 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:202 Resp: 384893
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 17.4 14.4 21.6

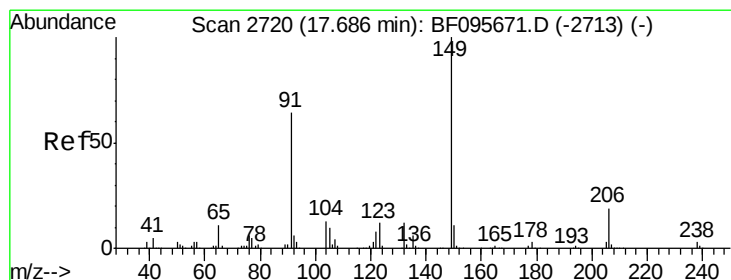
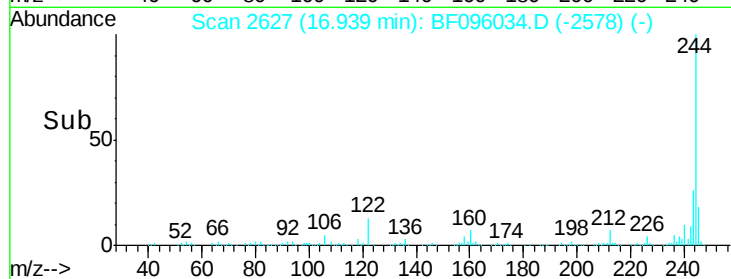
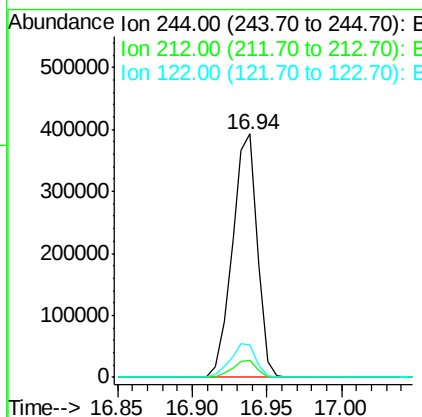
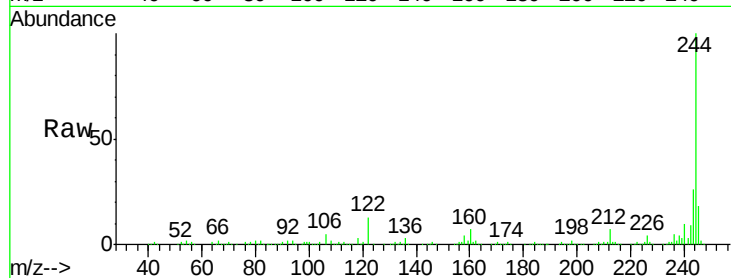




#78
 Terphenyl-d14
 Concen: 102.235 ng
 RT: 16.94 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

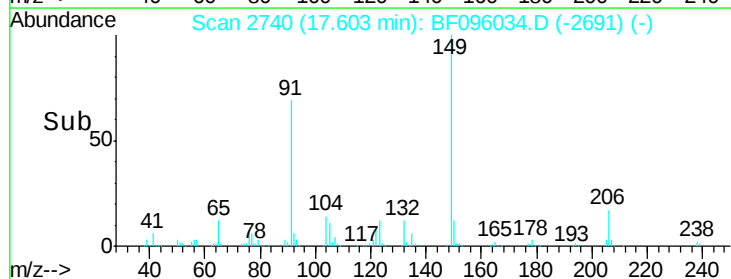
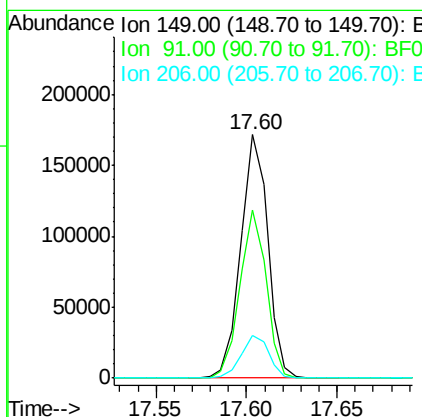
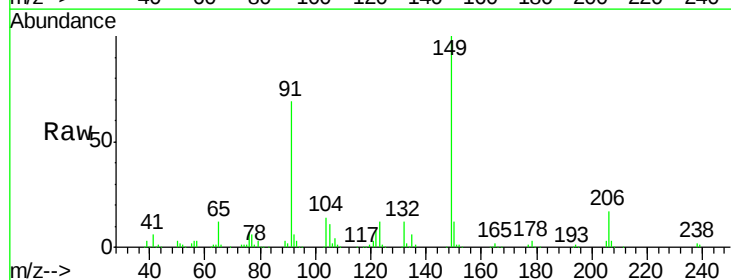
Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

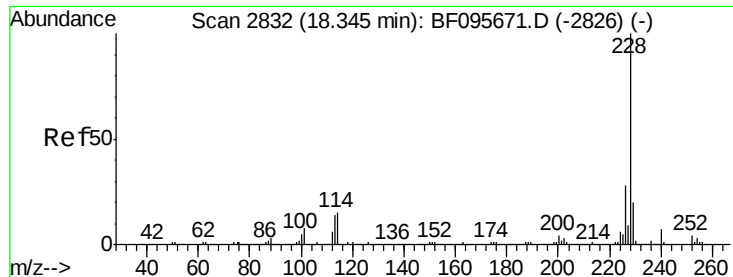
Tgt Ion: 244 Resp: 461868
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.3 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 48.799 ng
 RT: 17.60 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BF096034.D
 Acq: 20 Jun 2017 8:30

Tgt Ion: 149 Resp: 178292
 Ion Ratio Lower Upper
 149 100
 91 69.0 45.0 67.4#
 206 17.4 17.0 25.6

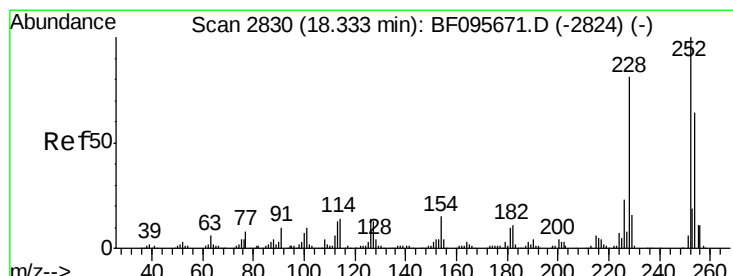
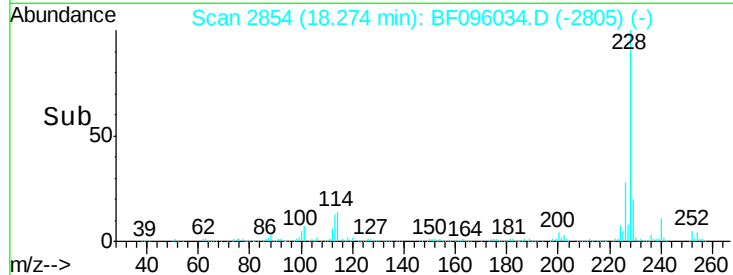
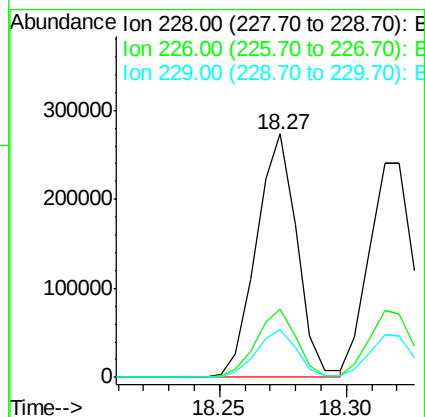
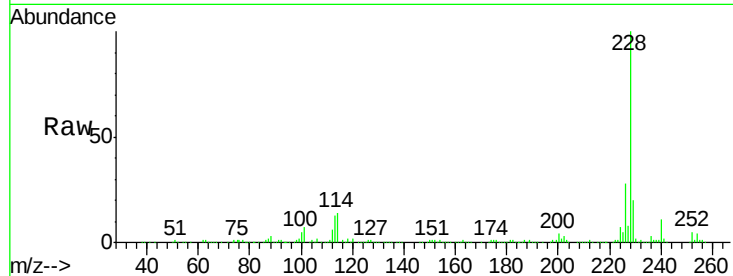




#80
Benzo(a)anthracene
Concen: 47.047 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

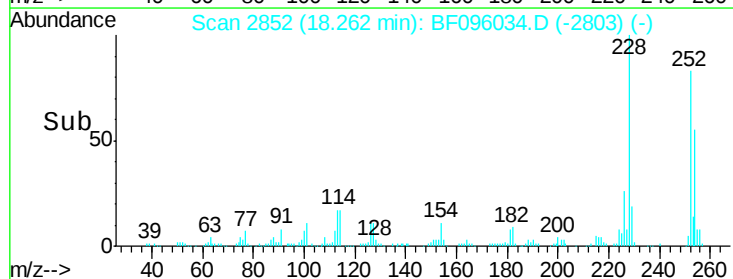
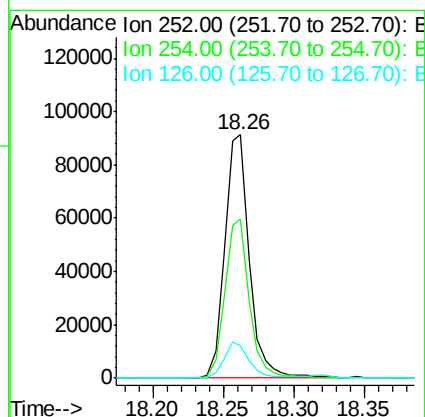
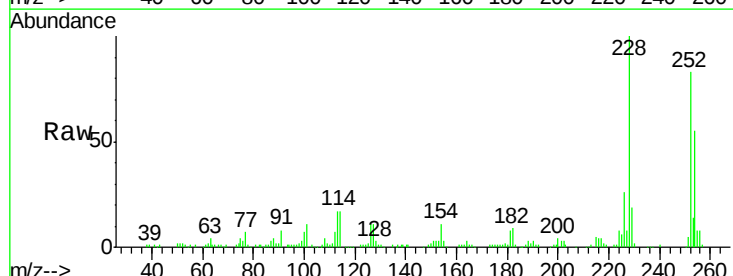
Instrument :
BNA_F
ClientSampleId :
PB99828BS

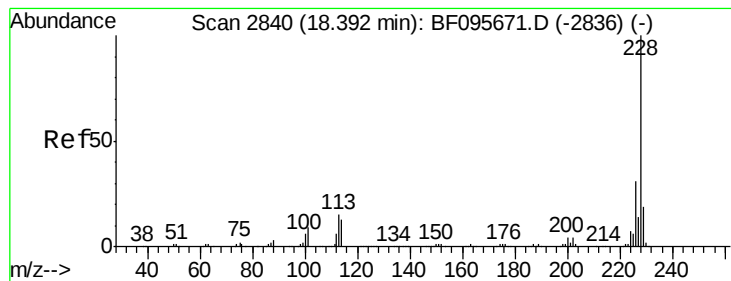
Tgt Ion:228 Resp: 306679
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.5 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 47.560 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:252 Resp: 110223
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 13.1 15.8 23.8#





#82

Chrysene

Concen: 45.118 ng

RT: 18.32 min Scan# 2861

Delta R.T. -0.02 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

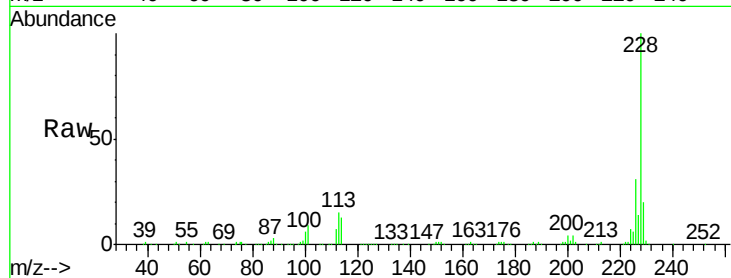
Tgt Ion: 228 Resp: 293916

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

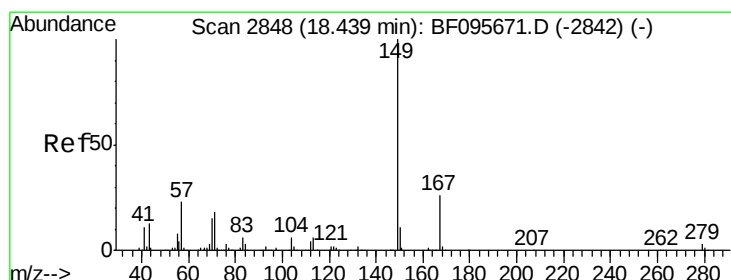
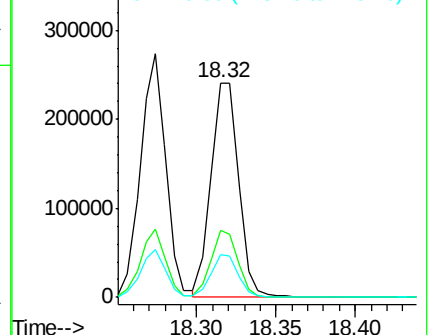
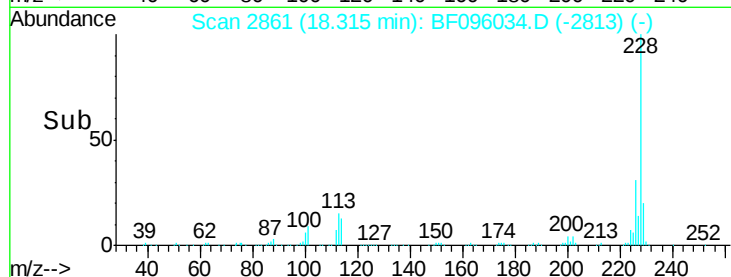
229 19.7 15.8 23.6



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: 49.638 ng

RT: 18.36 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

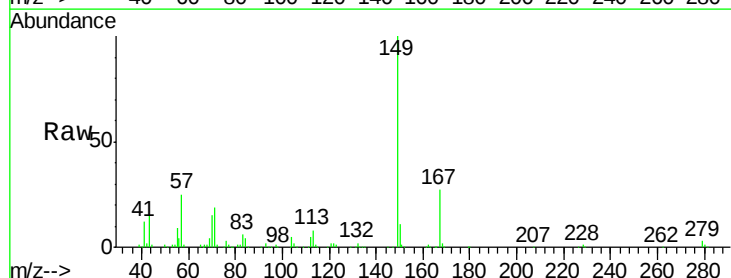
Tgt Ion: 149 Resp: 255823

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

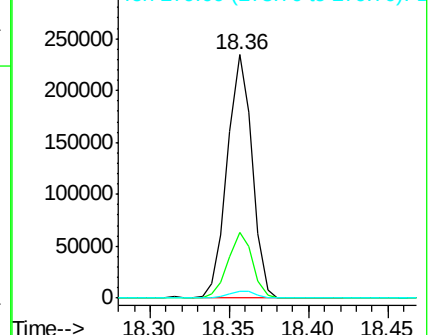
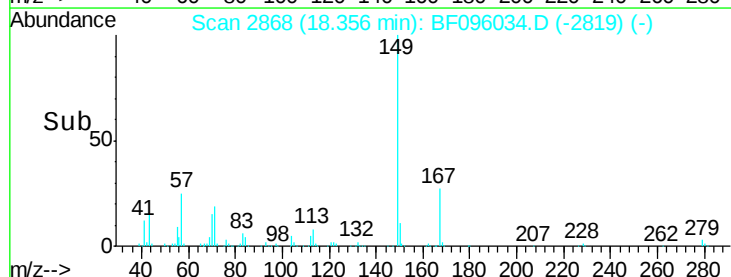
279 2.9 1.9 2.9#

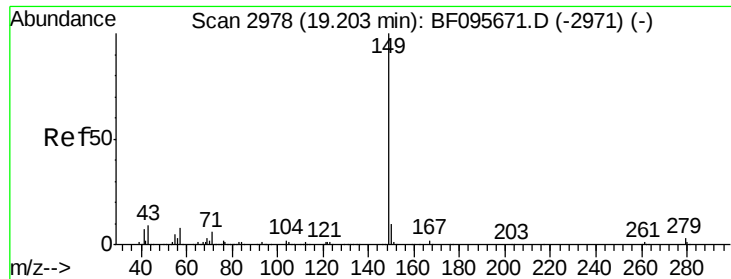


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 51.836 ng

RT: 19.13 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

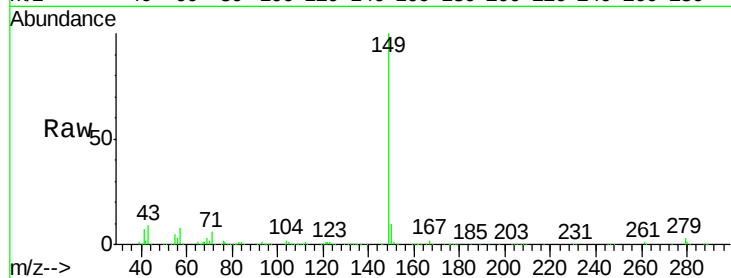
Tgt Ion:149 Resp: 440215

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

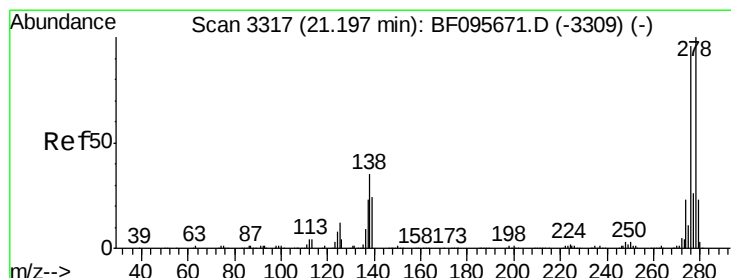
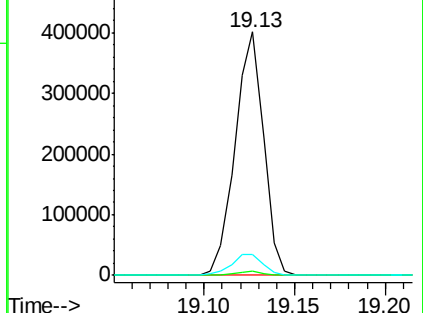
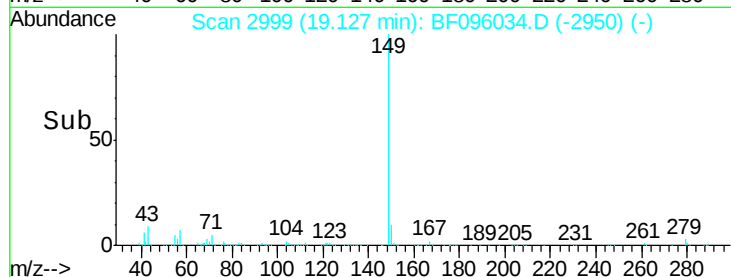
43 8.8 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.734 ng

RT: 21.11 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

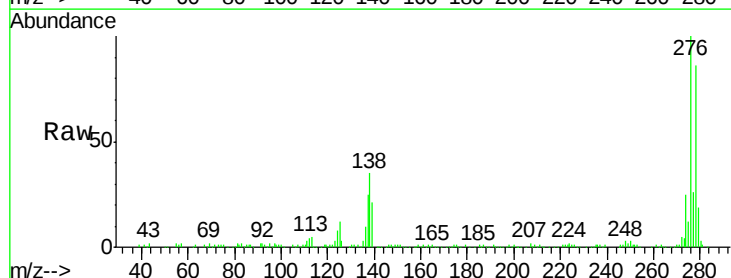
Tgt Ion:276 Resp: 238190

Ion Ratio Lower Upper

276 100

138 35.3 27.8 41.6

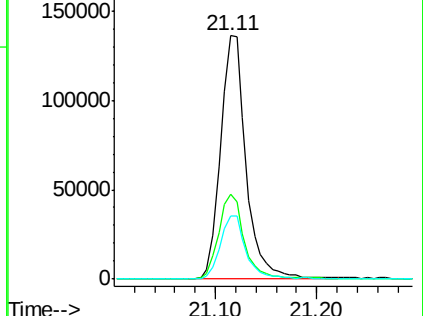
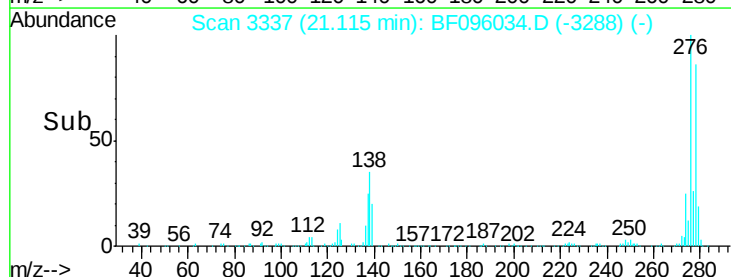
277 26.0 20.2 30.4

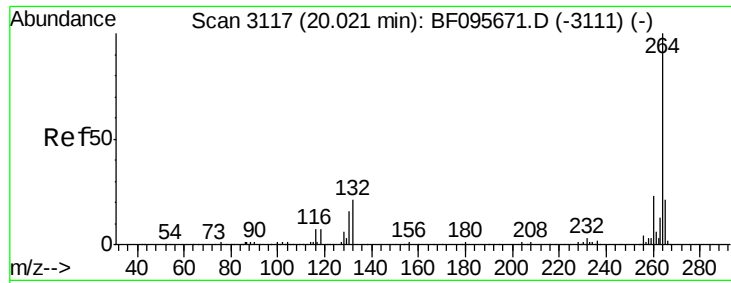


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



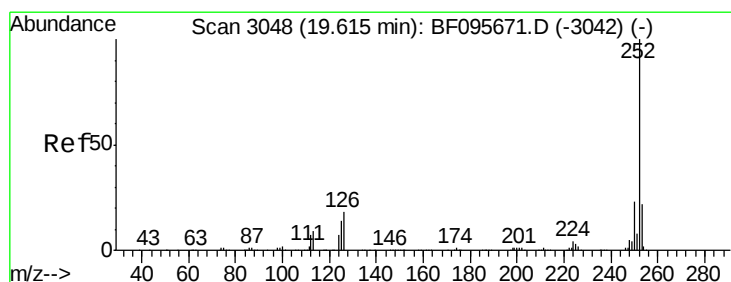
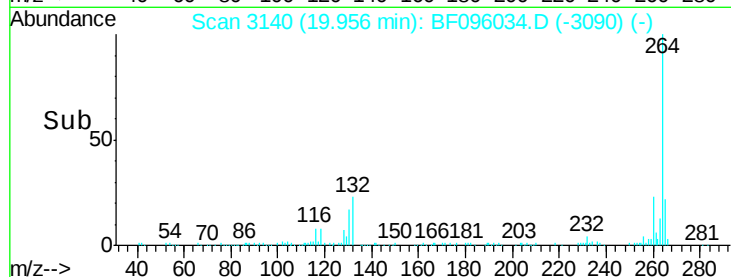
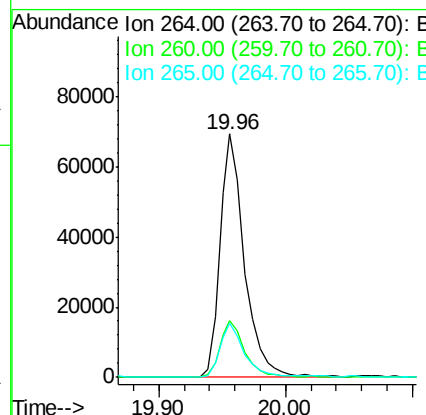
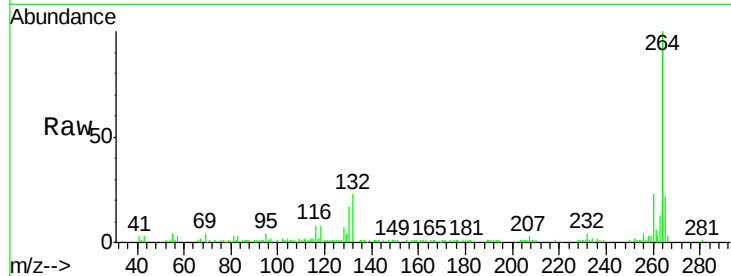


#86
Perylene-d12
Concen: 20.000 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Instrument :
BNA_F
ClientSampleId :
PB99828BS

Tgt Ion: 264 Resp: 93340

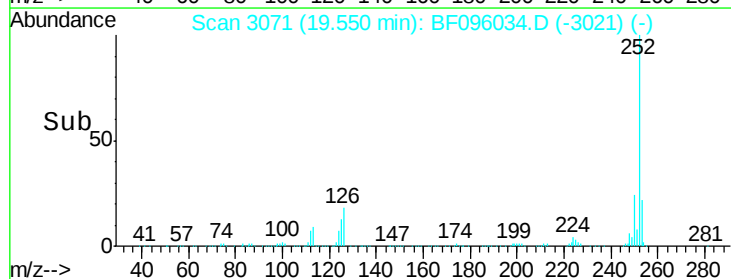
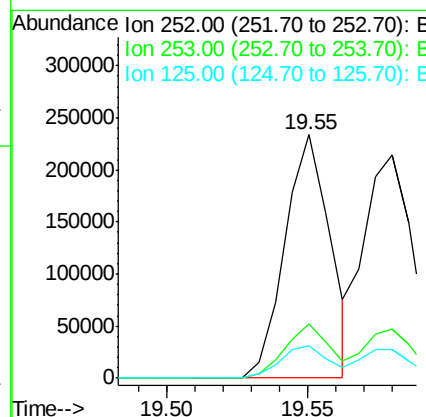
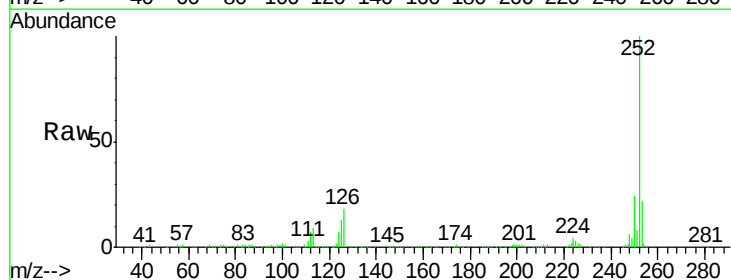
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	17.2	25.8

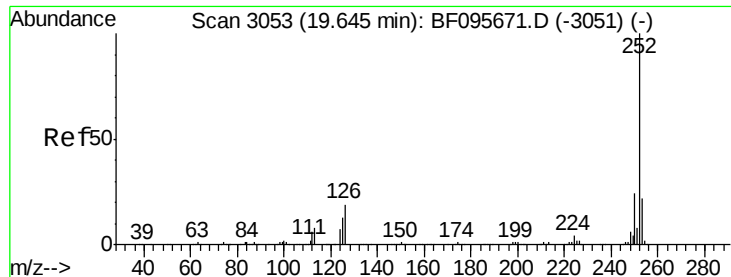


#87
Benzo(b)fluoranthene
Concen: 44.422 ng
RT: 19.55 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion: 252 Resp: 259629

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.5	9.8	14.8

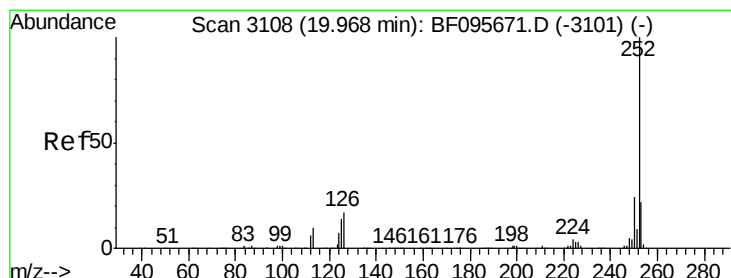
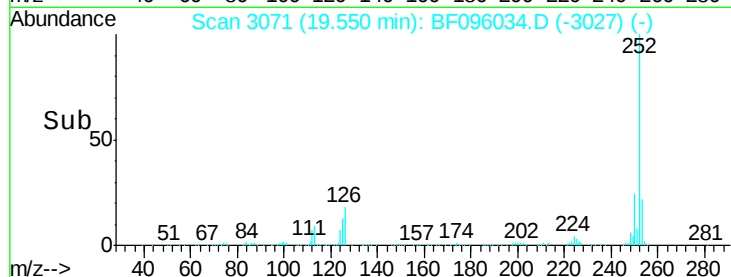
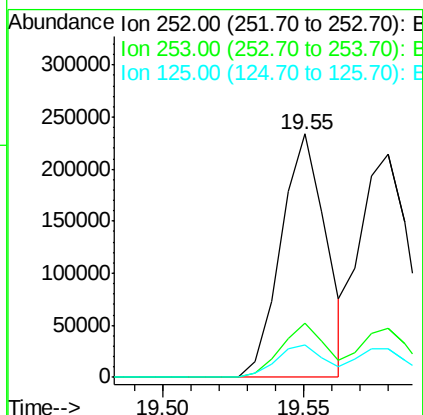
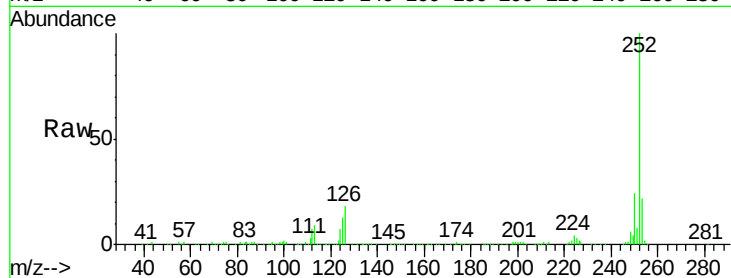




#88
Benzo(k)fluoranthene
Concen: 46.474 ng
RT: 19.55 min Scan# 3071
Delta R.T. -0.04 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

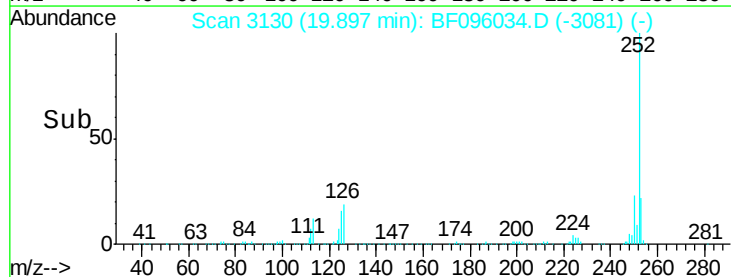
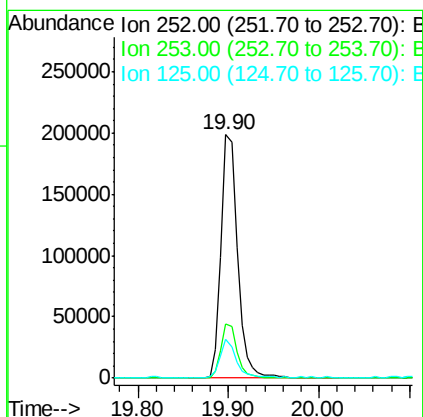
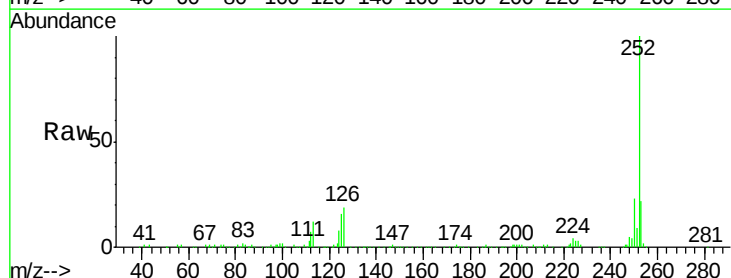
Instrument :
BNA_F
ClientSampleId :
PB99828BS

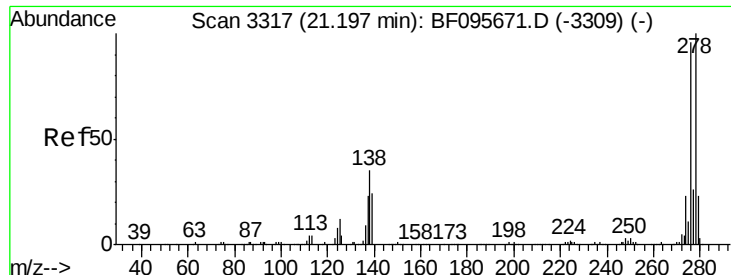
Tgt Ion:252 Resp: 259629
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.5 13.1 19.7



#89
Benzo(a)pyrene
Concen: 46.598 ng
RT: 19.90 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BF096034.D
Acq: 20 Jun 2017 8:30

Tgt Ion:252 Resp: 250320
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.7 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 44.328 ng

RT: 21.11 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

Instrument :

BNA_F

ClientSampleId :

PB99828BS

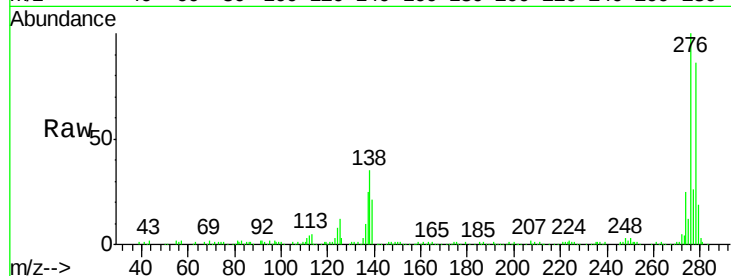
Tgt Ion: 278 Resp: 201995

Ion Ratio Lower Upper

278 100

139 24.1 16.6 24.8

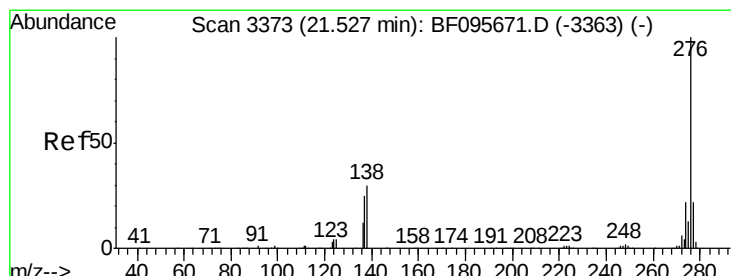
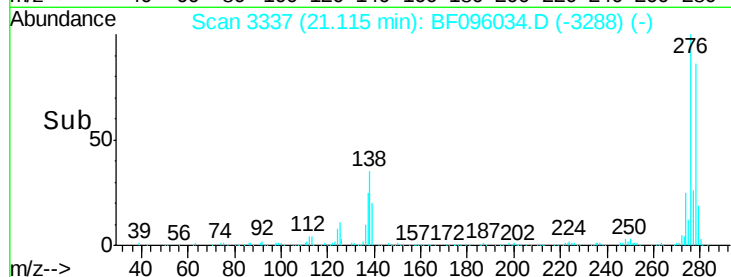
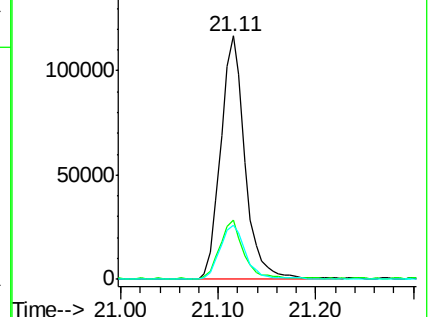
279 22.5 19.3 28.9



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: 42.894 ng

RT: 21.44 min Scan# 3393

Delta R.T. 0.00 min

Lab File: BF096034.D

Acq: 20 Jun 2017 8:30

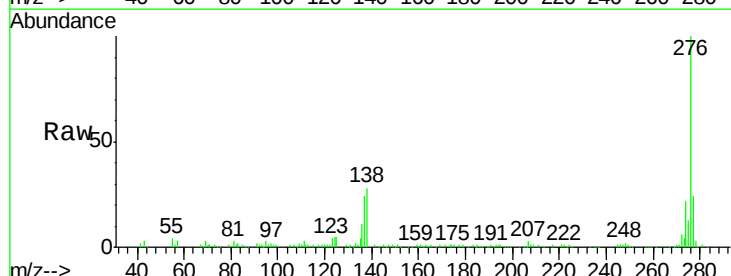
Tgt Ion: 276 Resp: 199270

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 28.1 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

