

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096009.D
 Acq On : 19 Jun 2017 16:45
 Operator : SJ/MA
 Sample : I3715-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:04:10 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	7.30	152	68992	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	286140	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	123556	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	202898	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	120142	20.00	ng	-0.02
86) Perylene-d12	19.95	264	117849	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	736159	170.02	ng	-0.01
7) Phenol-d6	6.89	99	852525	164.47	ng	-0.02
23) Nitrobenzene-d5	8.24	82	516978	112.21	ng	-0.01
41) 2,4,6-Tribromophenol	13.46	330	161684	147.90	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	960572	108.19	ng	-0.02
78) Terphenyl-d14	16.93	244	656667	135.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.69	88	85600	41.56	ng	96
3) Pyridine	2.22	79	67703	13.99	ng	98
4) n-Nitrosodimethylamine	2.20	42	98941	53.76	ng	82
6) Aniline	6.81	93	231886	34.20	ng	96
8) 2-Chlorophenol	6.99	128	267124	58.02	ng	95
9) Benzaldehyde	6.62	77	75460	21.58	ng	93
10) Phenol	6.90	94	334552	62.22	ng	90
11) bis(2-Chloroethyl)ether	6.96	93	233284	54.77	ng	95
12) 1,3-Dichlorobenzene	7.20	146	274980	52.77	ng	98
13) 1,4-Dichlorobenzene	7.33	146	278743	52.75	ng	96
14) 1,2-Dichlorobenzene	7.56	146	264057	54.20	ng	96
15) Benzyl Alcohol	7.62	79	211836	59.54	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.80	45	339476	56.72	ng	98
17) 2-Methylphenol	7.85	107	222787	57.67	ng	94
18) Hexachloroethane	8.08	117	95375	54.65	ng	# 87
19) n-Nitroso-di-n-propylamine	8.05	70	187507	57.08	ng	93
20) 3+4-Methylphenols	8.12	107	284778	58.07	ng	# 59
22) Acetophenone	8.00	105	369819	55.22	ng	# 84
24) Nitrobenzene	8.26	77	264501	53.74	ng	92
25) Isophorone	8.66	82	470691	54.71	ng	95
26) 2-Nitrophenol	8.77	139	148098	57.46	ng	98
27) 2,4-Dimethylphenol	8.93	122	210426	52.61	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	311178	54.87	ng	99
29) 2,4-Dichlorophenol	9.20	162	217685	56.51	ng	99
30) 1,2,4-Trichlorobenzene	9.27	180	216725	54.07	ng	99
31) Naphthalene	9.37	128	750621	52.27	ng	100
32) Benzoic acid	9.25	122	20522	12.45	ng	91
33) 4-Chloroaniline	9.54	127	113061	20.14	ng	# 91
34) Hexachlorobutadiene	9.59	225	112145	54.15	ng	99
35) Caprolactam	10.17	113	35832	31.26	ng	94
36) 4-Chloro-3-methylphenol	10.42	107	220984	54.80	ng	94
37) 2-Methylnaphthalene	10.50	142	511915	52.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	200976	54.35	ng	99
40) Hexachlorocyclopentadiene	10.75	237	66609	60.63	ng	99

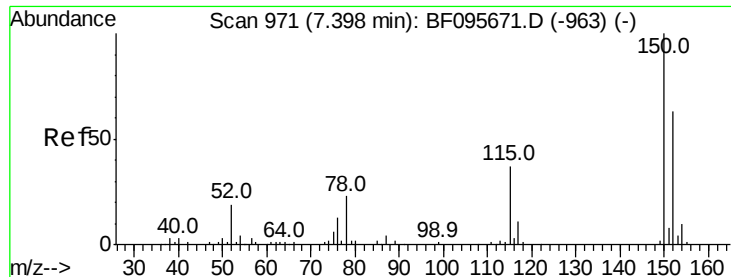
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096009.D
 Acq On : 19 Jun 2017 16:45
 Operator : SJ/MA
 Sample : I3715-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:04:10 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)
42) 2,4,6-Trichlorophenol	11.02	196	132059	55.55	nq	98
43) 2,4,5-Trichlorophenol	11.11	196	123125	48.69	nq	91
45) 1,1'-Biphenyl	11.27	154	552082	54.21	nq	98
46) 2-Chloronaphthalene	11.28	162	426716	53.63	nq	95
47) 2-Nitroaniline	11.51	65	125669	53.97	nq	# 83
48) Acenaphthylene	11.93	152	649602	47.75	nq	98
49) Dimethylphthalate	11.83	163	623414	66.45	nq	98
50) 2,6-Dinitrotoluene	11.93	165	102090	49.89	nq	# 66
51) Acenaphthene	12.22	154	396758	50.49	nq	99
52) 3-Nitroaniline	12.19	138	76692	32.17	nq	93
53) 2,4-Dinitrophenol	12.43	184	40296	38.44	nq	# 65
54) Dibenzofuran	12.50	168	599694	54.22	nq	98
55) 4-Nitrophenol	12.62	139	116699	83.62	nq	# 78
56) 2,4-Dinitrotoluene	12.60	165	147255	53.28	nq	# 89
57) Fluorene	13.06	166	471306	48.97	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.76	232	95065	54.94	nq	# 90
59) Diethylphthalate	12.97	149	481409	53.32	nq	99
60) 4-Chlorophenyl-phenylether	13.08	204	213123	50.92	nq	92
61) 4-Nitroaniline	13.20	138	102132	45.88	nq	97
62) Azobenzene	13.34	77	443495	54.20	nq	95
64) 4,6-Dinitro-2-methylphenol	13.27	198	53729	40.29	nq	# 76
65) n-Nitrosodiphenylamine	13.30	169	403263	55.31	nq	99
66) 4-Bromophenyl-phenylether	13.86	248	118695	56.29	nq	98
67) Hexachlorobenzene	13.94	284	114617	55.16	nq	# 88
68) Atrazine	14.23	200	121766	60.01	nq	97
69) Pentachlorophenol	14.32	266	63149	80.14	nq	96
70) Phenanthrene	14.59	178	622135	53.14	nq	98
71) Anthracene	14.67	178	641286	52.47	nq	98
72) Carbazole	14.98	167	581767	48.84	nq	97
73) Di-n-butylphthalate	15.57	149	735862	58.07	nq	98
74) Fluoranthene	16.37	202	558573	48.21	nq	99
76) Benzidine	16.61	184	138804	30.08	nq	# 94
77) Pyrene	16.67	202	551669	61.54	nq	99
79) Butylbenzylphthalate	17.60	149	254346	64.97	nq	# 85
80) Benzo(a)anthracene	18.26	228	376694	53.93	nq	98
81) 3,3'-Dichlorobenzidine	18.25	252	107643	43.34	nq	# 96
82) Chrysene	18.31	228	370201	53.03	nq	97
83) Bis(2-ethylhexyl)phthalate	18.35	149	345910	62.64	nq	# 100
84) Di-n-octyl phthalate	19.12	149	523796	57.56	nq	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	394560	66.06	nq	99
87) Benzo(b)fluoranthene	19.54	252	388082	52.59	nq	97
88) Benzo(k)fluoranthene	19.54	252	388082	55.02	nq	97
89) Benzo(a)pyrene	19.89	252	364217	53.70	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	334776	58.19	nq	99
91) Benzo(g,h,i)perylene	21.43	276	336266	57.33	nq	96

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

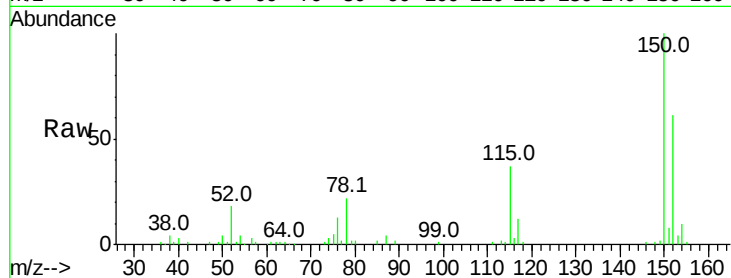


#1

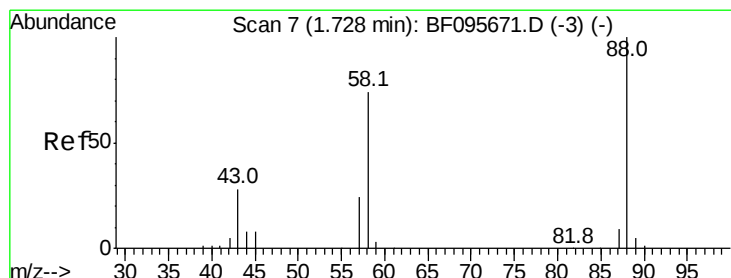
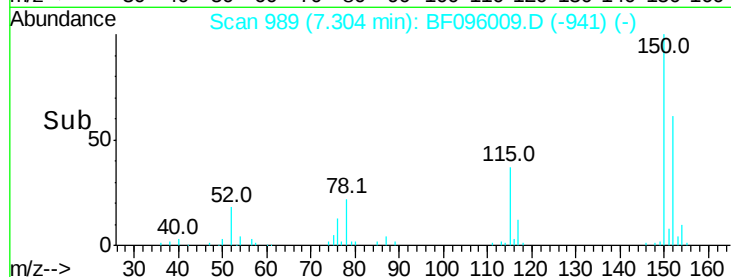
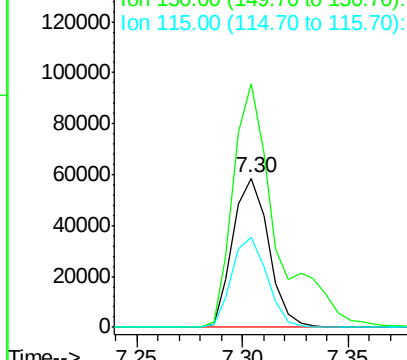
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68992
Ion Ratio Lower Upper
152 100
150 162.8 126.2 189.2
115 59.9 52.2 78.2



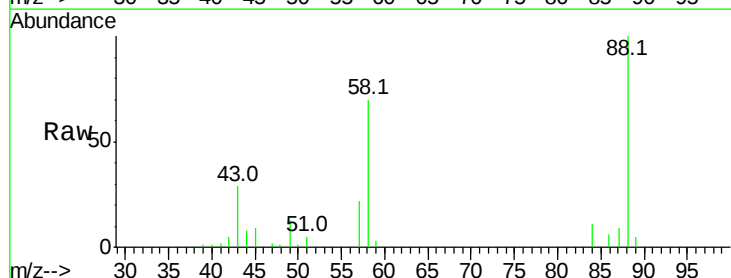
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



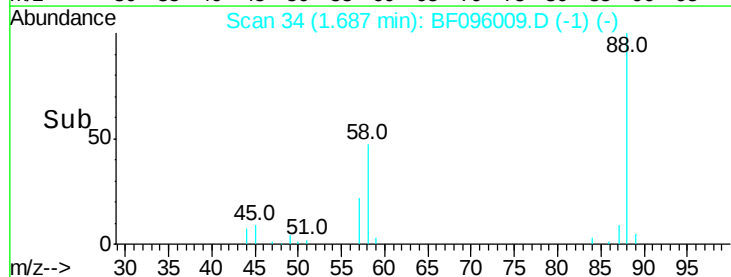
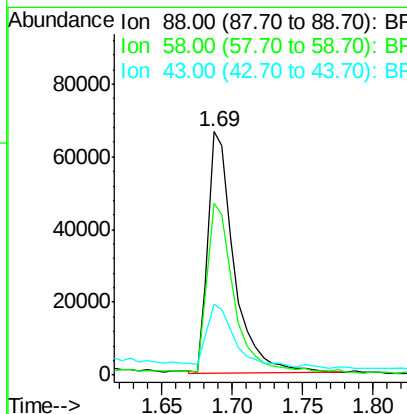
#2

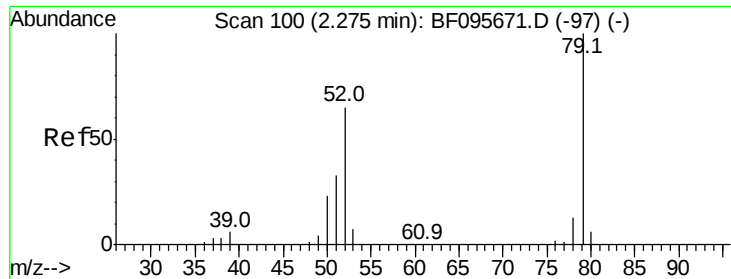
1,4-Dioxane
Concen: 41.56 ng
RT: 1.69 min Scan# 34
Delta R.T. 0.05 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion: 88 Resp: 85600
Ion Ratio Lower Upper
88 100
58 72.4 61.4 92.0
43 28.2 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

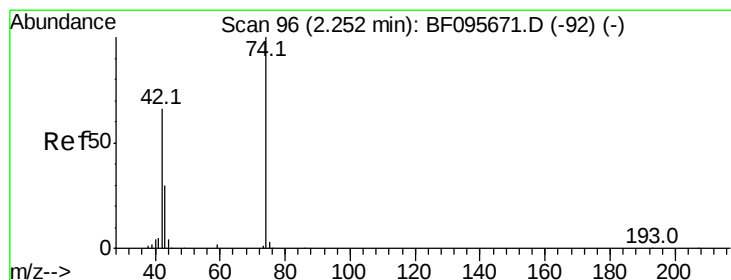
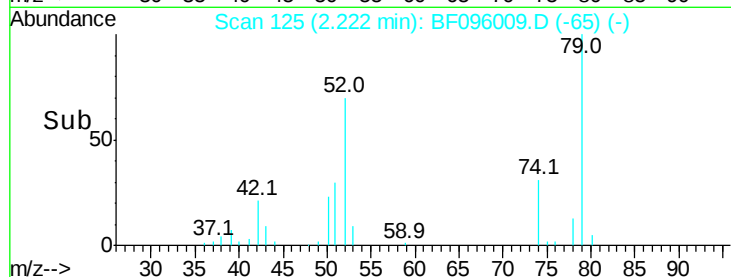
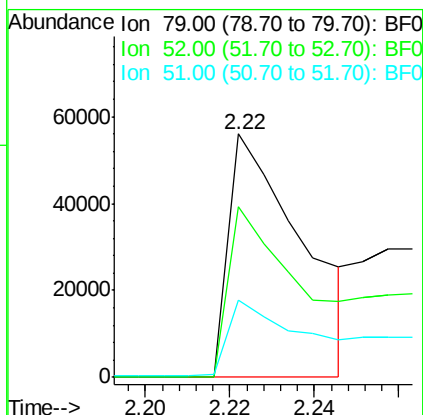
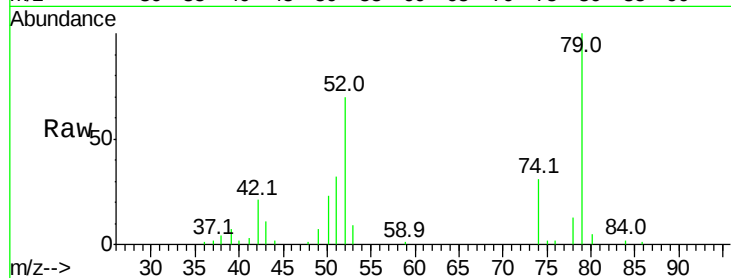




#3
 Pvrindine
 Concen: 13.99 ng
 RT: 2.22 min Scan# 125
 Delta R.T. 0.05 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

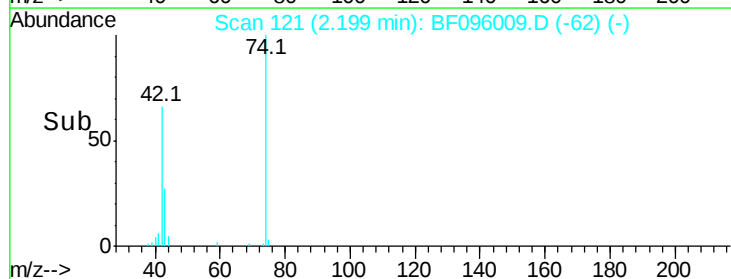
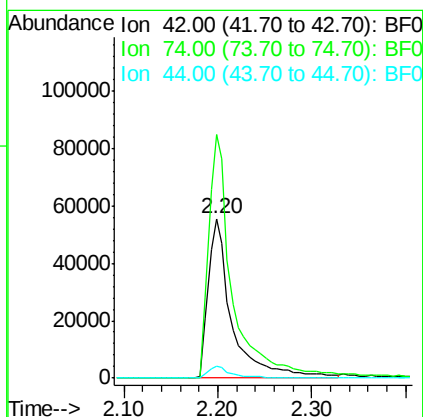
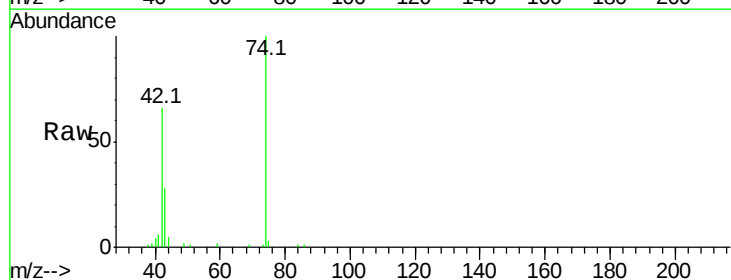
Instrument :
 BNA_F
 ClientSampleId :

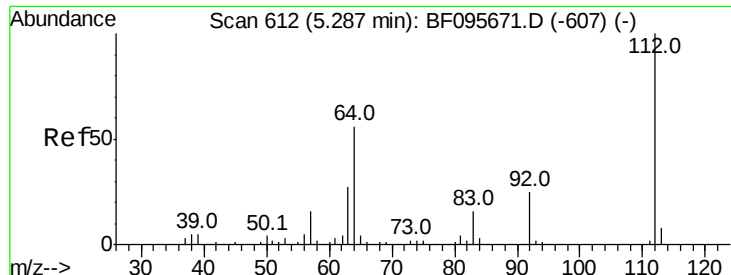
Tot Ion: 79 Resp: 67703
 Ion Ratio Lower Upper
 79 100
 52 69.8 54.8 82.2
 51 31.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 53.76 ng
 RT: 2.20 min Scan# 121
 Delta R.T. 0.05 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion: 42 Resp: 98941
 Ion Ratio Lower Upper
 42 100
 74 152.5 103.9 155.9
 44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 170.02 ng

RT: 5.20 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampled :

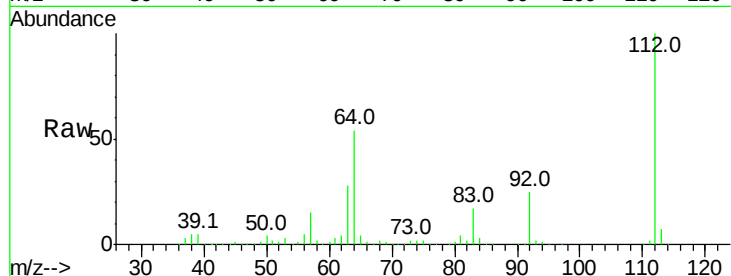
Tot Ion: 112 Resp: 736159

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

63 27.8 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

5.20

400000

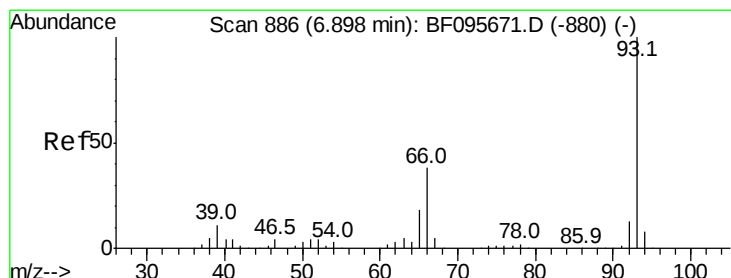
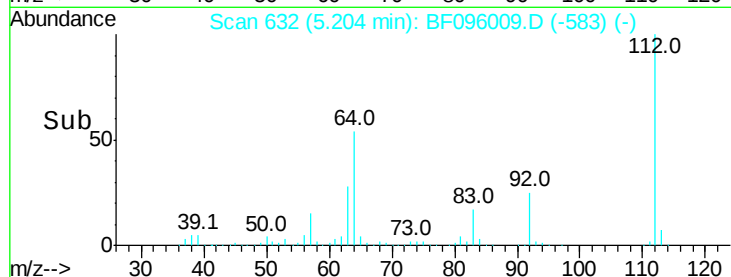
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 34.20 ng

RT: 6.81 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

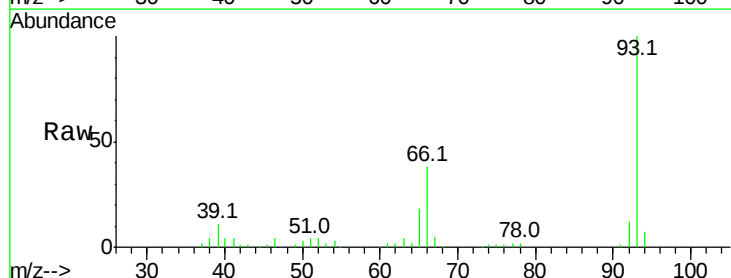
Tgt Ion: 93 Resp: 231886

Ion Ratio Lower Upper

93 100

66 38.3 32.9 49.3

65 18.1 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

6.81

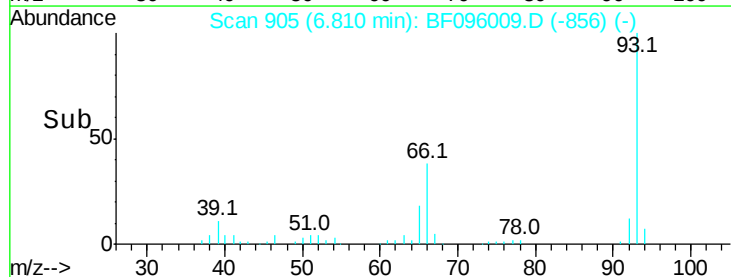
150000

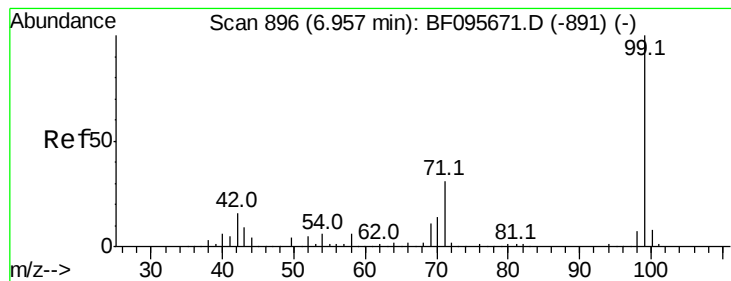
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 164.47 ng

RT: 6.89 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

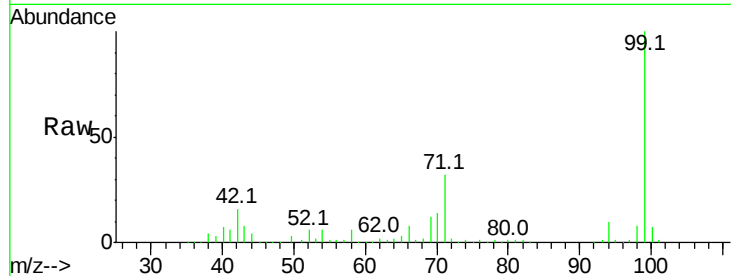
Tot Ion: 99 Resp: 852525

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

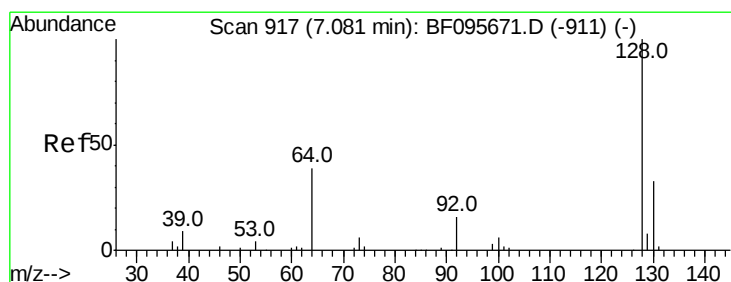
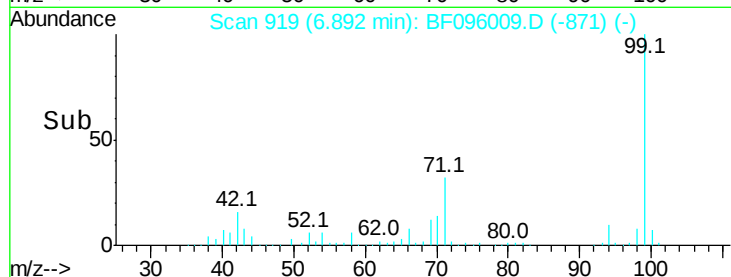
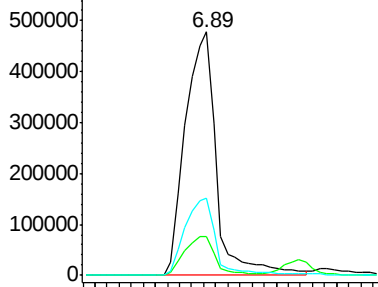
71 31.7 24.5 36.7



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: 58.02 ng

RT: 6.99 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

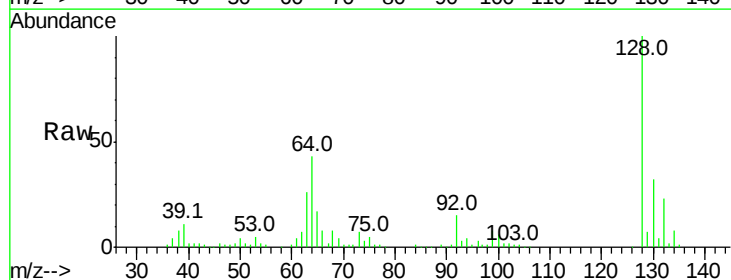
Tgt Ion: 128 Resp: 267124

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

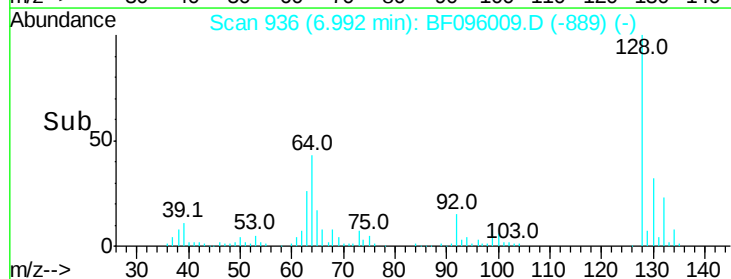
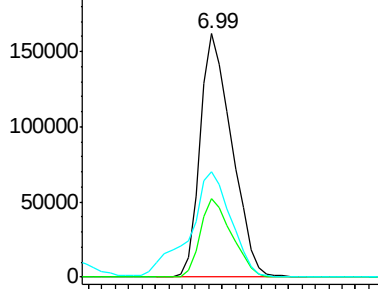
64 43.4 28.4 68.4

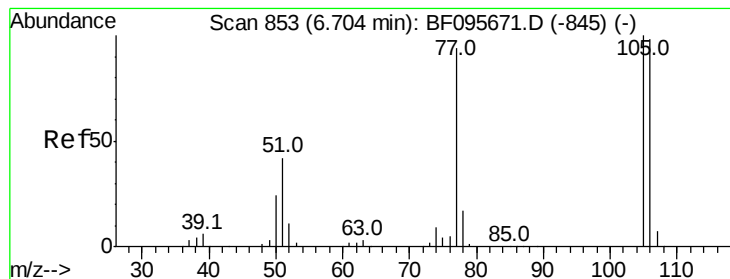


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.58 ng

RT: 6.62 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

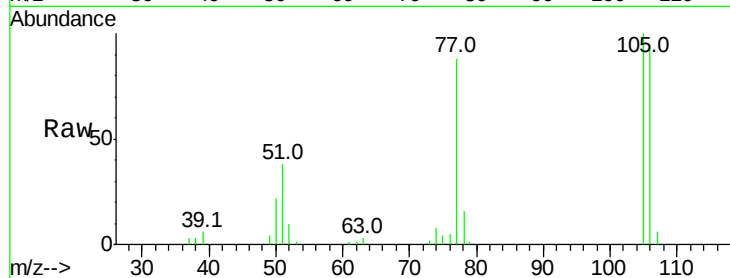
Tot Ion: 77 Resp: 75460

Ion Ratio Lower Upper

77 100

105 113.0 83.8 123.8

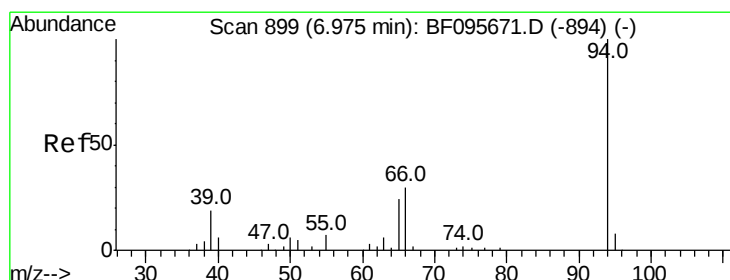
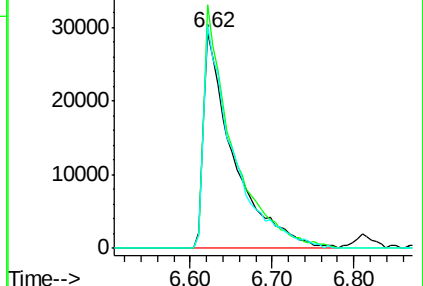
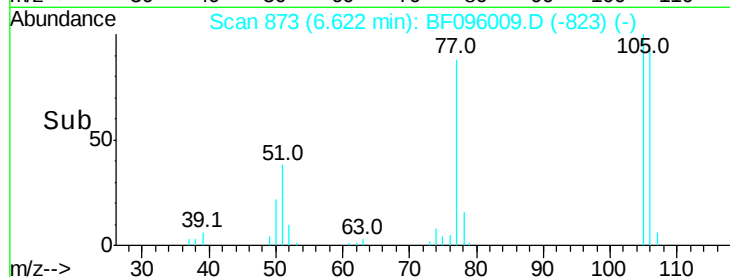
106 103.8 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 62.22 ng

RT: 6.90 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

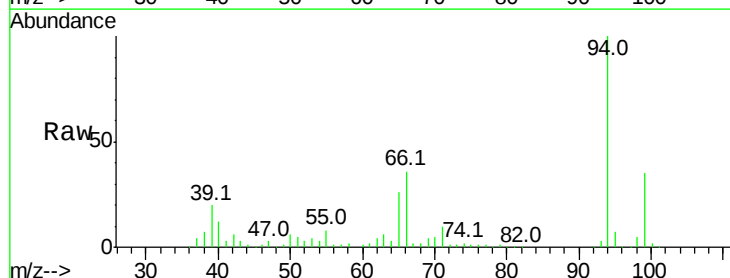
Tgt Ion: 94 Resp: 334552

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

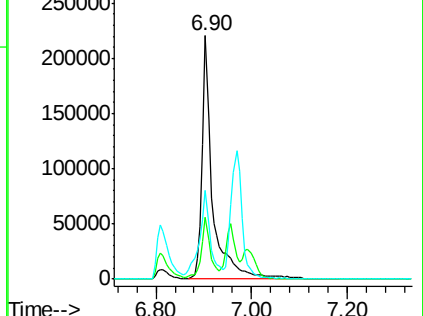
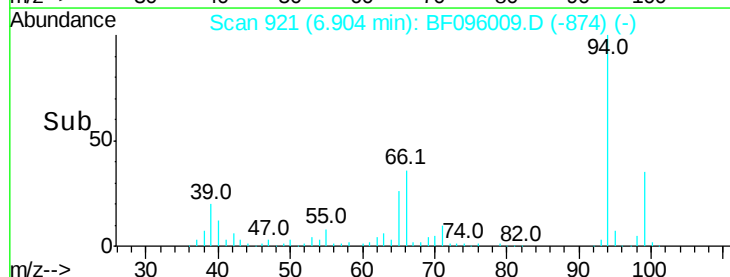
66 36.2 23.1 63.1

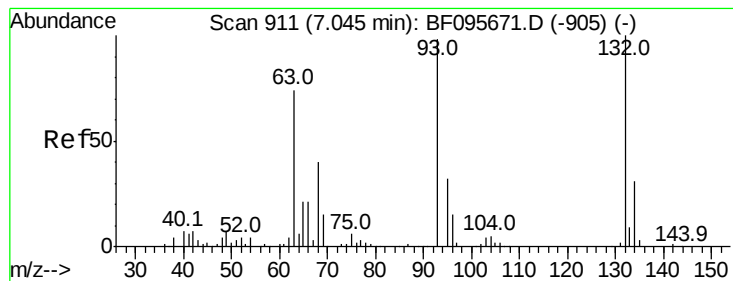


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

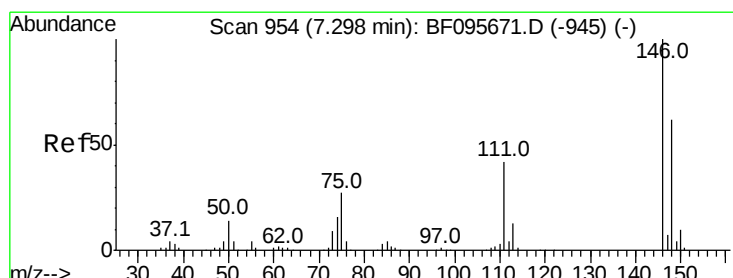
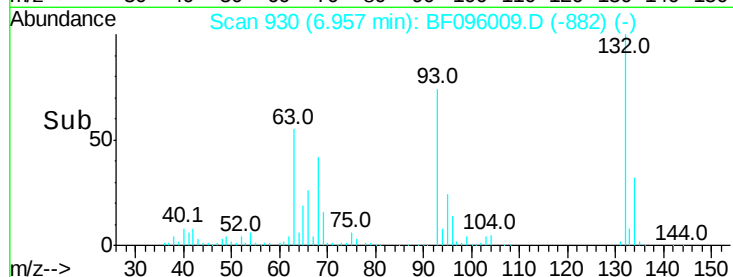
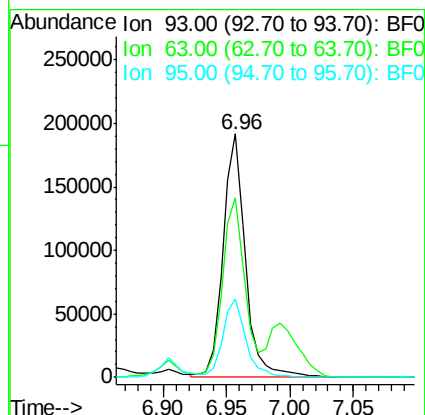
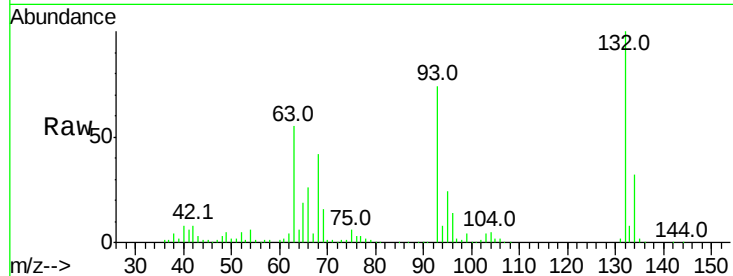




#11
bis(2-Chloroethyl)ether
Concen: 54.77 ng
RT: 6.96 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

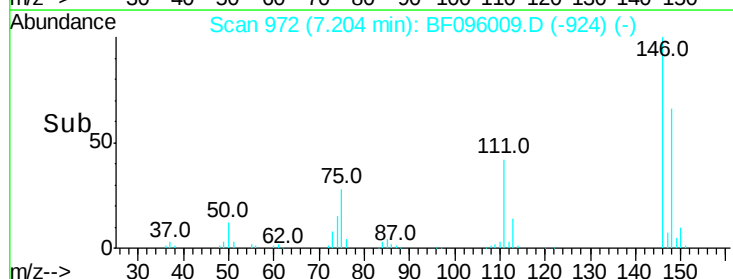
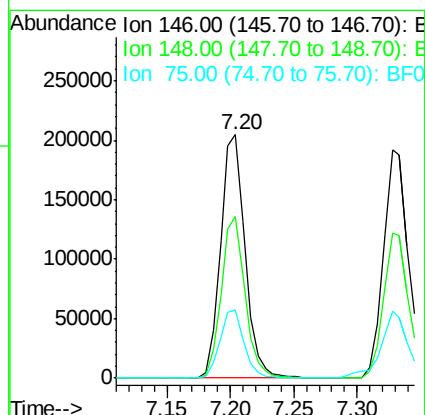
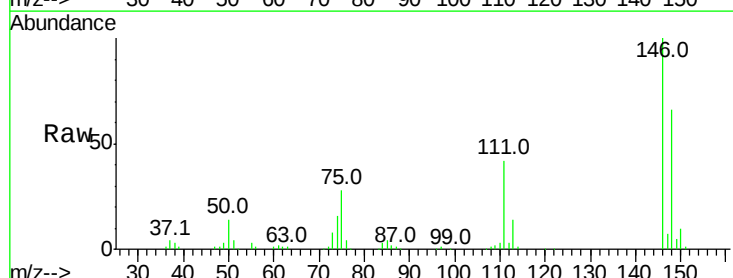
Instrument :
BNA_F
ClientSampled :

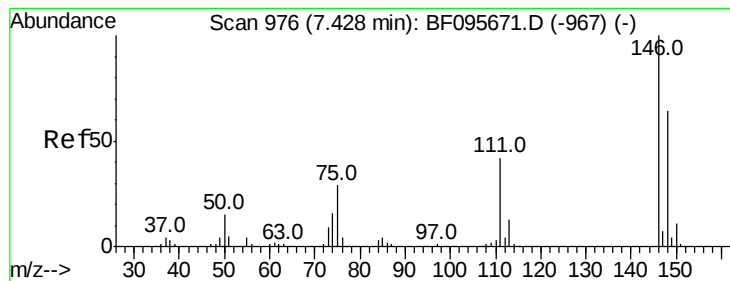
Tot Ion: 93 Resp: 233284
Ion Ratio Lower Upper
93 100
63 73.9 59.2 99.2
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 52.77 ng
RT: 7.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion: 146 Resp: 274980
Ion Ratio Lower Upper
146 100
148 66.5 51.8 77.6
75 27.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 52.75 ng

RT: 7.33 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

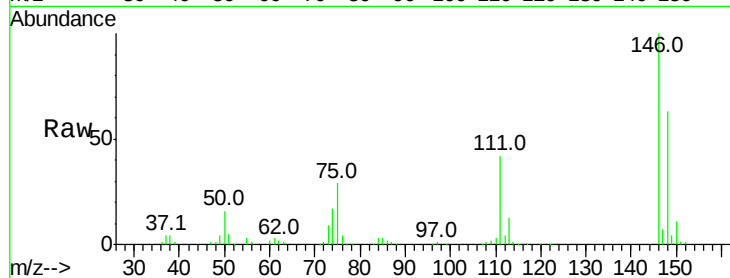
Tot Ion:146 Resp: 278743

Ion Ratio Lower Upper

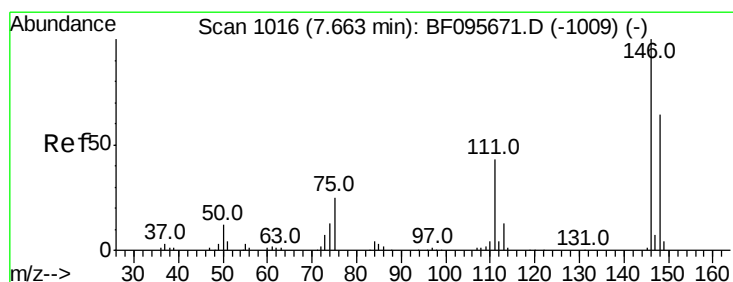
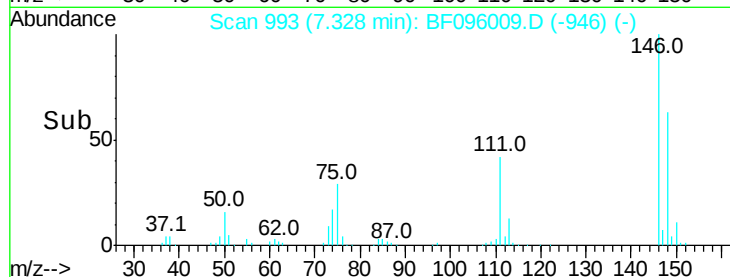
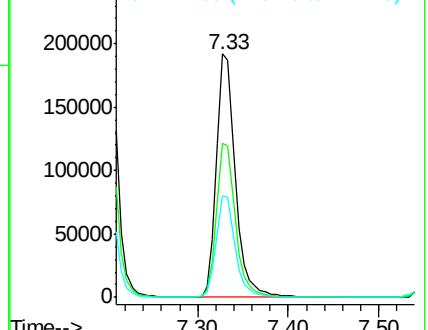
146 100

148 63.5 52.2 78.2

111 41.9 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: 54.20 ng

RT: 7.56 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

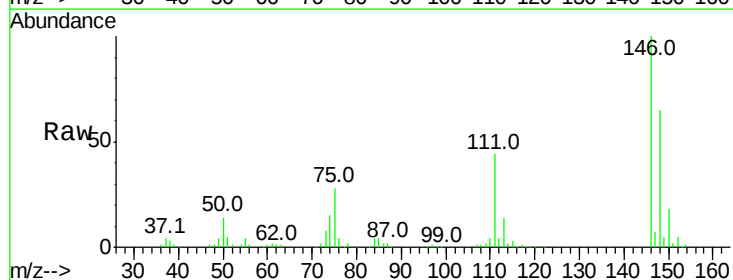
Tgt Ion:146 Resp: 264057

Ion Ratio Lower Upper

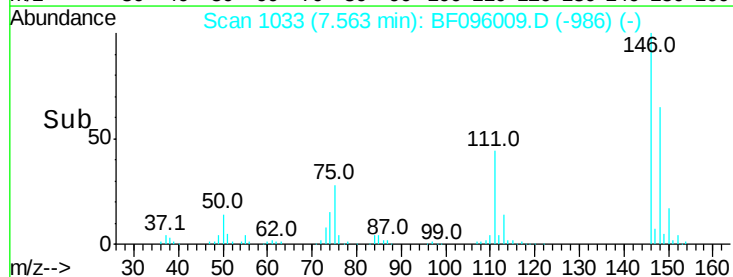
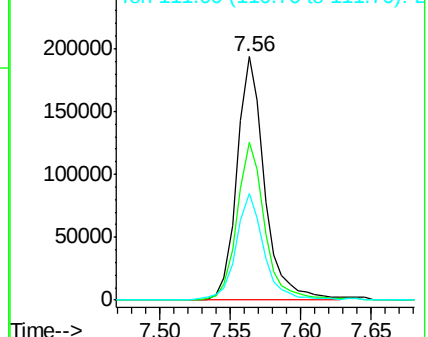
146 100

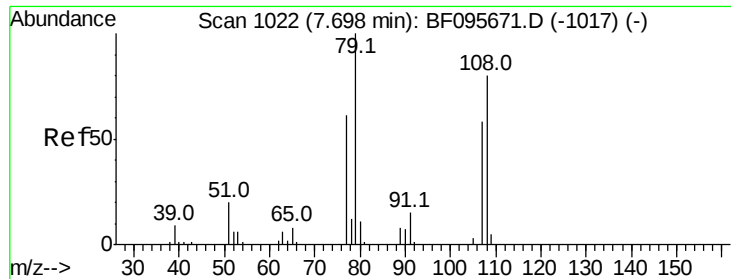
148 65.0 50.4 75.6

111 43.8 38.2 57.4



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

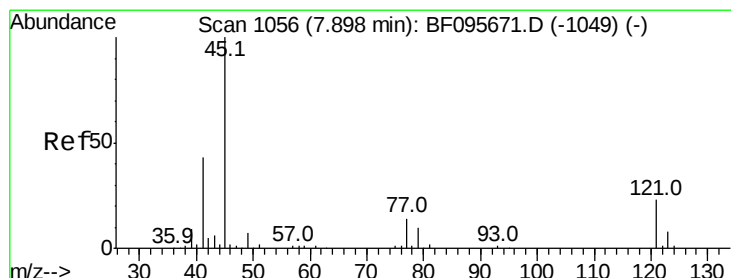
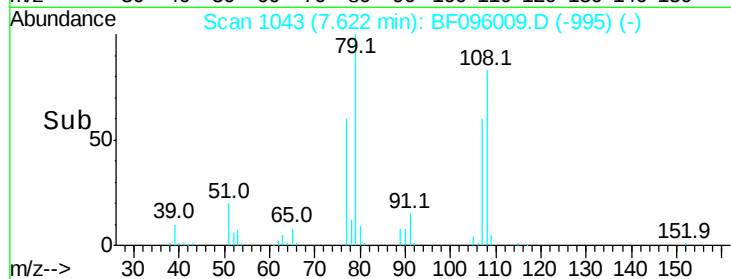
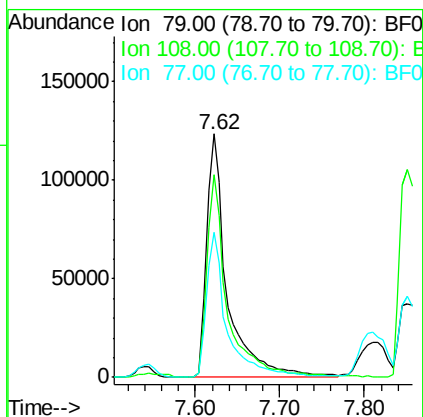
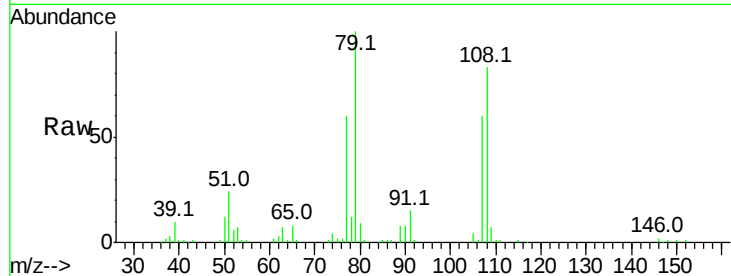




#15
Benzyl Alcohol
Concen: 59.54 ng
RT: 7.62 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

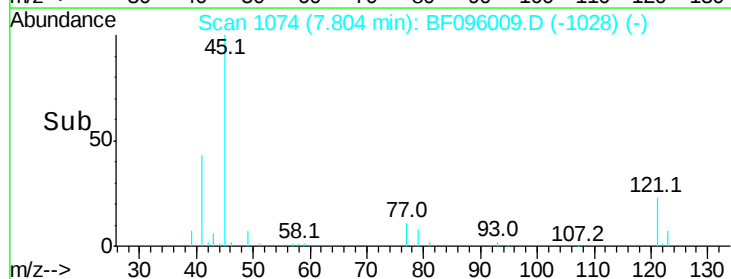
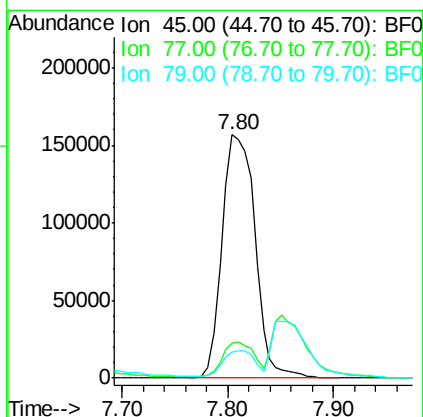
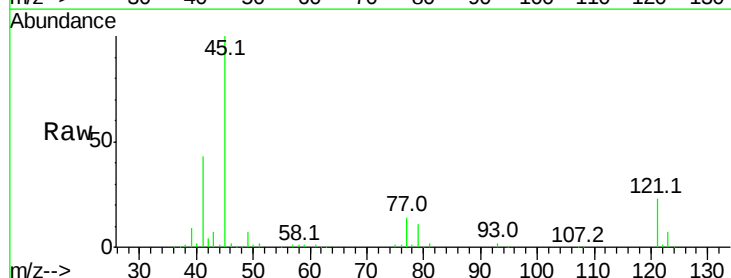
Instrument :
BNA_F
ClientSampleId :

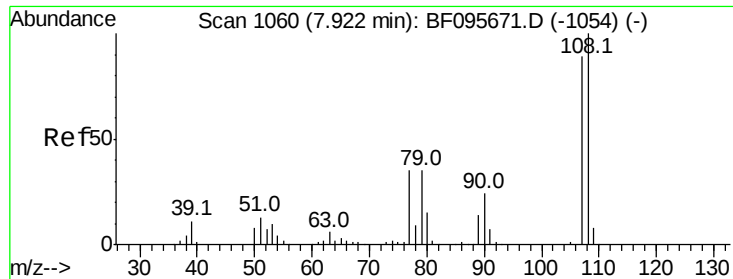
Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	63.4	95.0
77	59.8	49.2	73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 56.72 ng
RT: 7.80 min Scan# 1074
Delta R.T. -0.03 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.2
79	10.6	0.0	30.0

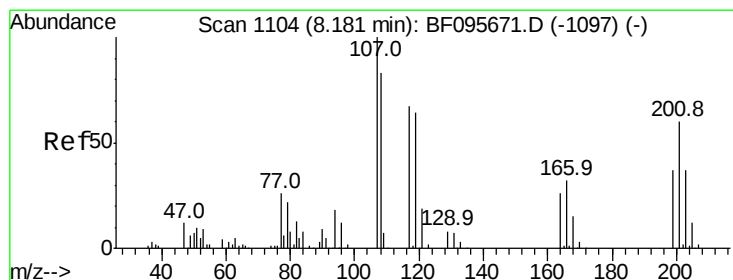
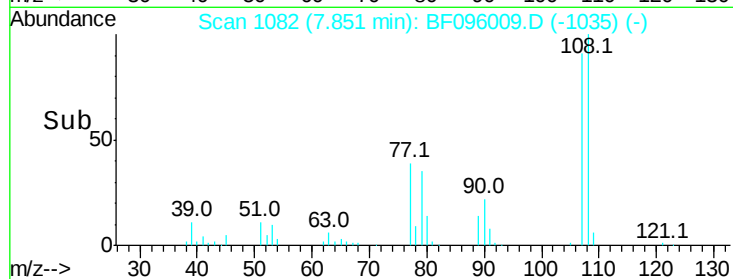
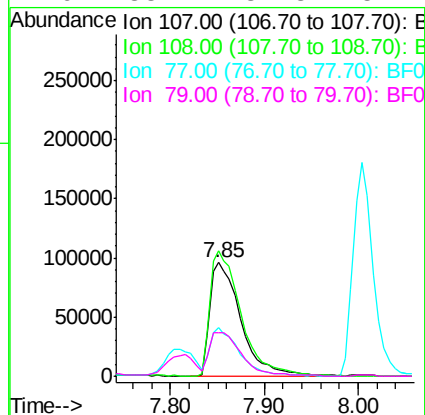
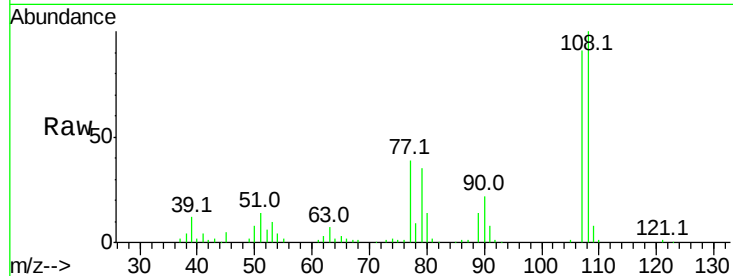




#17
2-Methylphenol
Concen: 57.67 ng
RT: 7.85 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

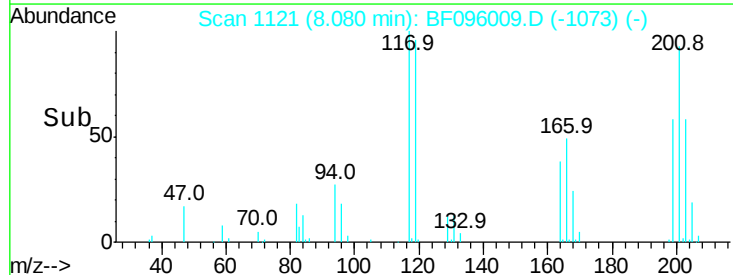
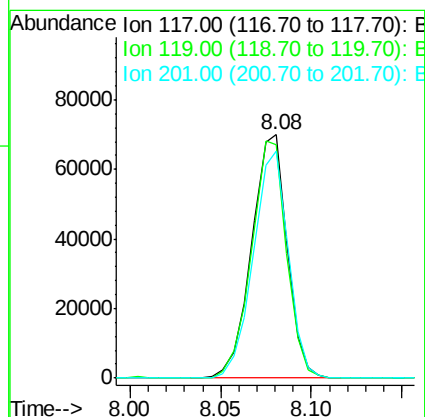
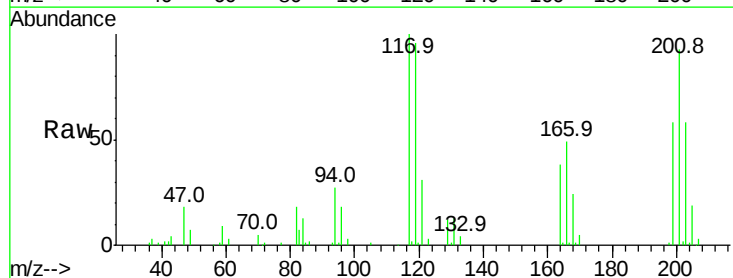
Instrument :
BNA_F
ClientSampled :

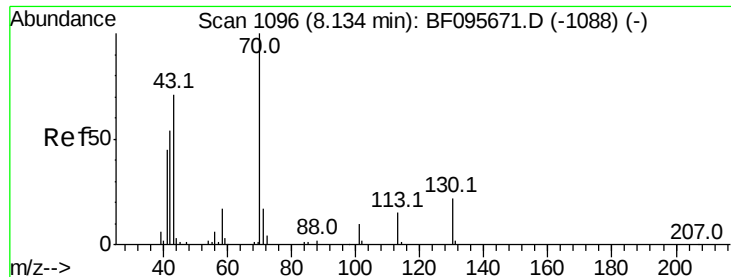
Tot Ion:107 Resp: 222787
Ion Ratio Lower Upper
107 100
108 109.8 93.4 140.0
77 42.5 35.8 53.6
79 38.4 34.8 52.2



#18
Hexachloroethane
Concen: 54.65 ng
RT: 8.08 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:117 Resp: 95375
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 93.4 94.6 141.8#

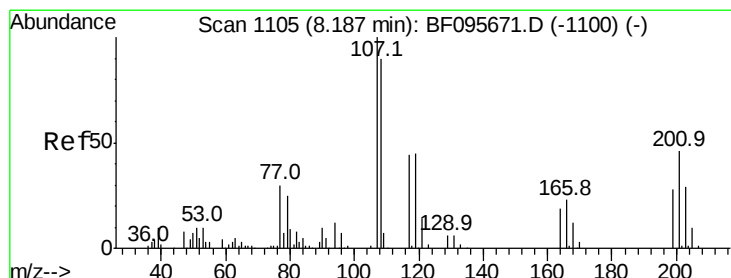
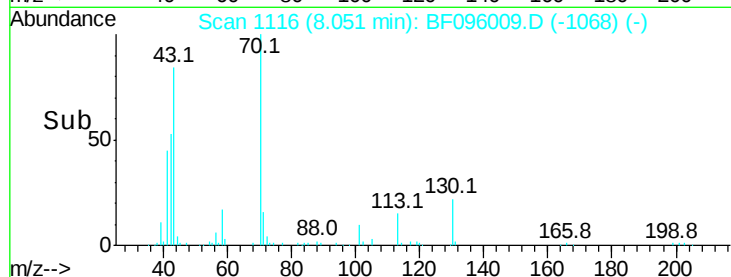
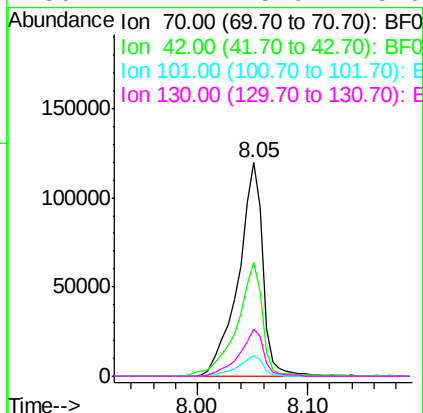
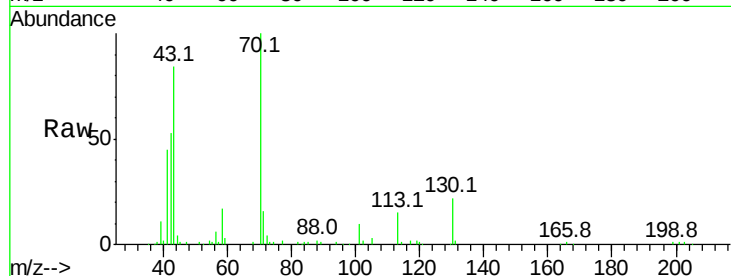




#19
n-Nitroso-di-n-propylamine
Concen: 57.08 ng
RT: 8.05 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

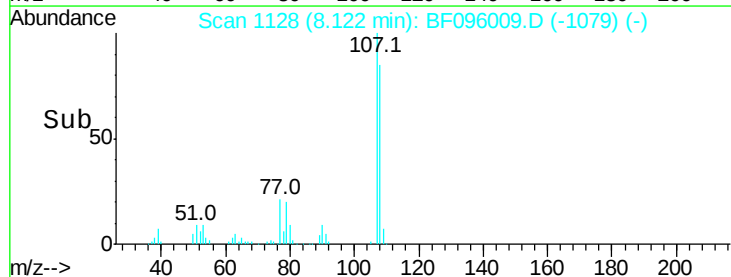
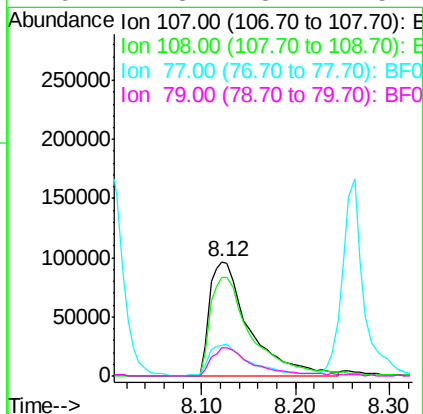
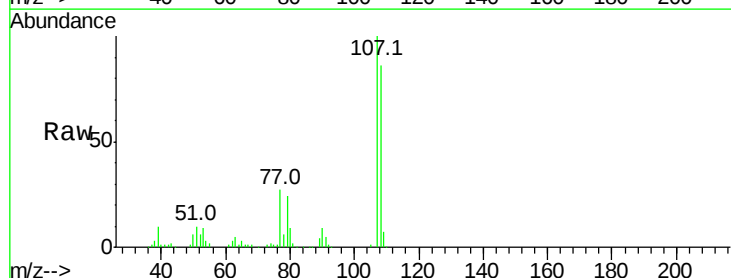
Instrument :
BNA_F
ClientSampleId :

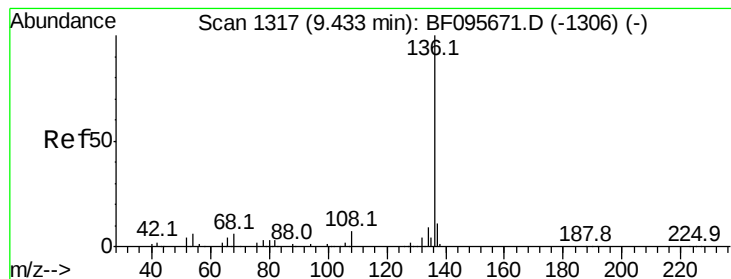
Tot Ion: 70 Resp: 187507
Ion Ratio Lower Upper
70 100
42 53.3 47.2 70.8
101 9.8 7.2 10.8
130 22.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 58.07 ng
RT: 8.12 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion: 107 Resp: 284778
Ion Ratio Lower Upper
107 100
108 85.8 71.0 111.0
77 26.8 90.5 130.5#
79 24.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

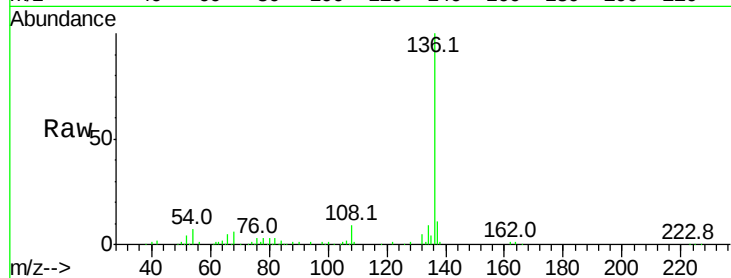
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 286140

Ion Ratio Lower Upper

136	100		
137	10.7	8.5	12.7
54	7.4	4.9	7.3#
68	5.7	4.1	6.1



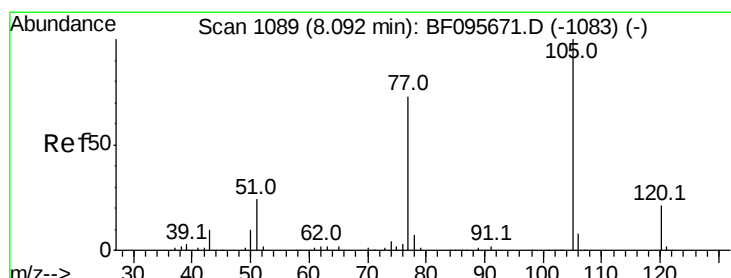
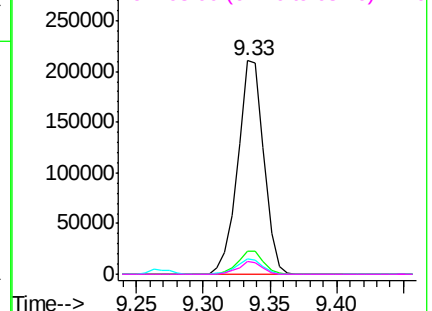
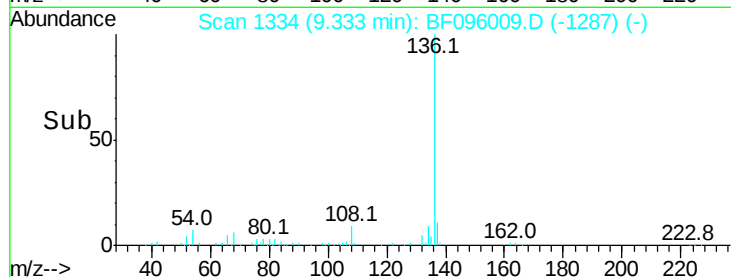
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 55.22 ng

RT: 8.00 min Scan# 1108

Delta R.T. -0.02 min

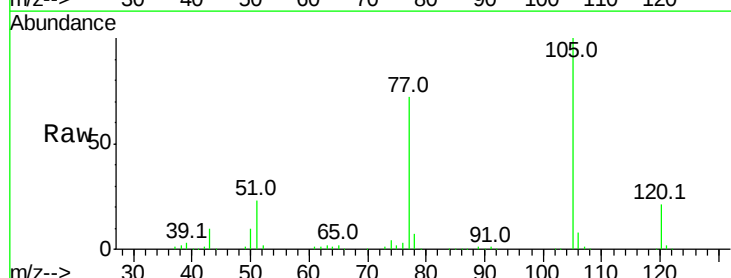
Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:105 Resp: 369819

Ion Ratio Lower Upper

105	100		
71	0.0	2.8	4.2#
51	23.3	30.7	46.1#
120	20.7	17.4	26.0



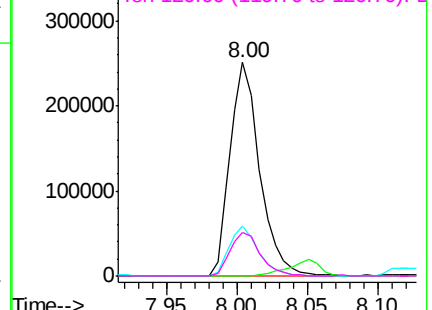
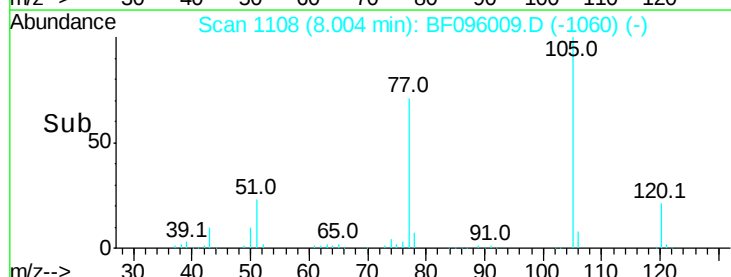
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

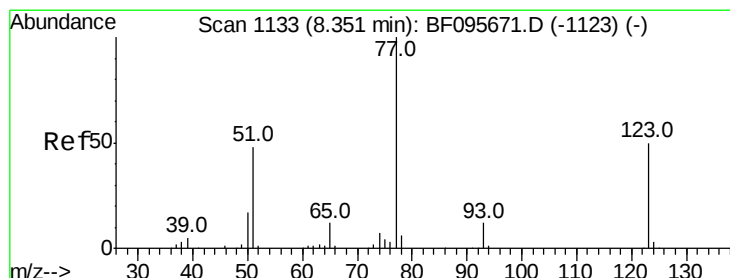
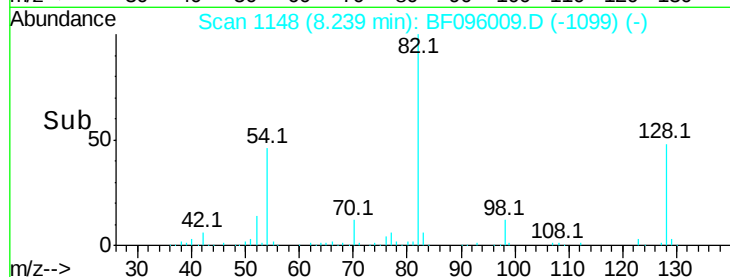
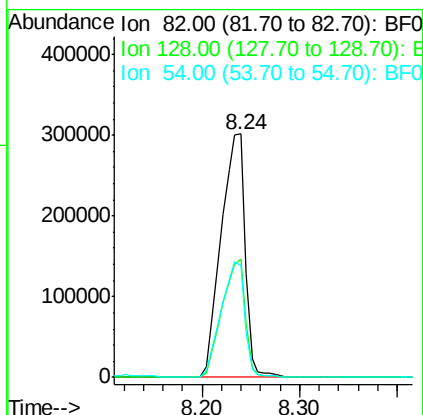
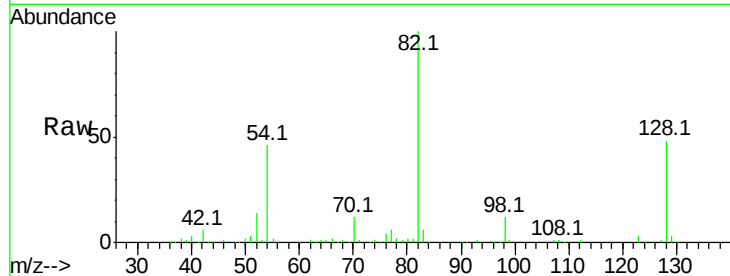




#23
 Nitrobenzene-d5
 Concen: 112.21 ng
 RT: 8.24 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

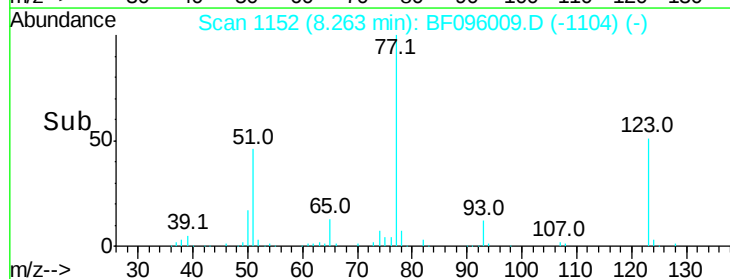
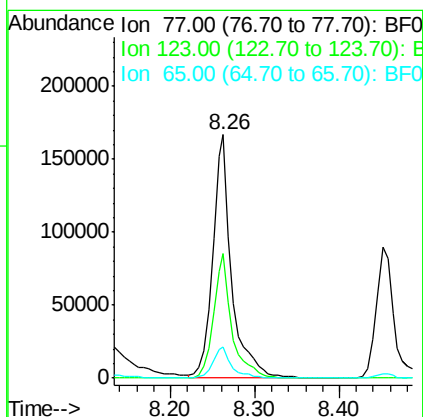
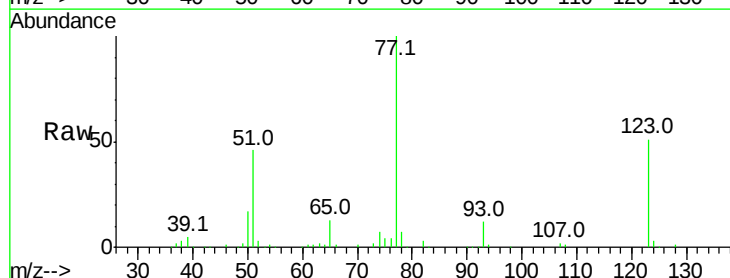
Instrument :
 BNA_F
 ClientSampleId :

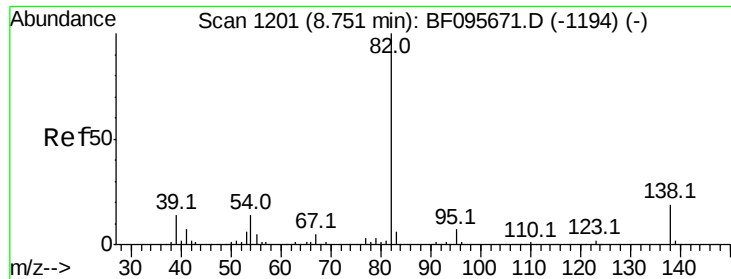
Tot Ion: 82 Resp: 516978
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 46.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 53.74 ng
 RT: 8.26 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion: 77 Resp: 264501
 Ion Ratio Lower Upper
 77 100
 123 51.3 35.8 53.8
 65 12.6 10.6 15.8





#25

Isophorone

Concen: 54.71 ng

RT: 8.66 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

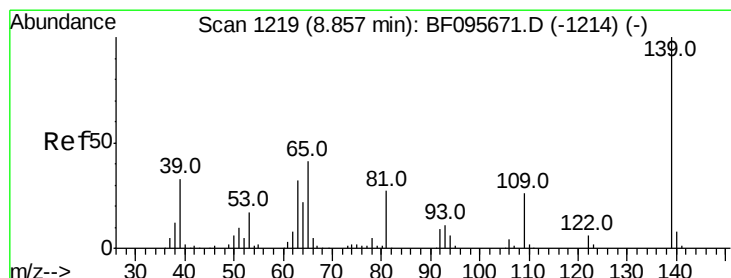
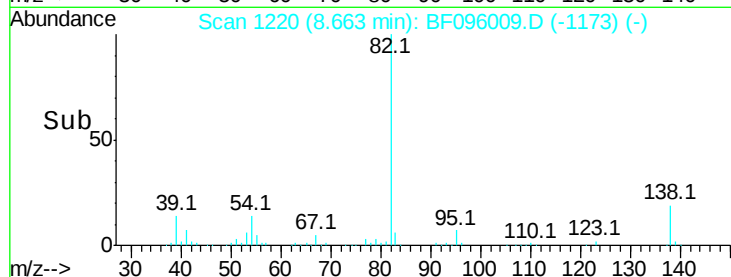
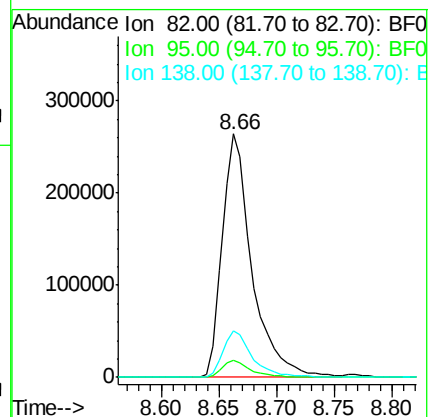
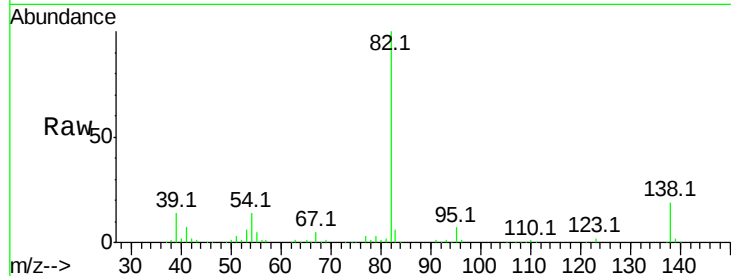
Tot Ion: 82 Resp: 470691

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 57.46 ng

RT: 8.77 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

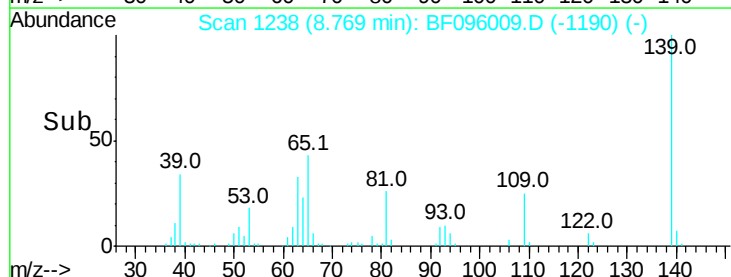
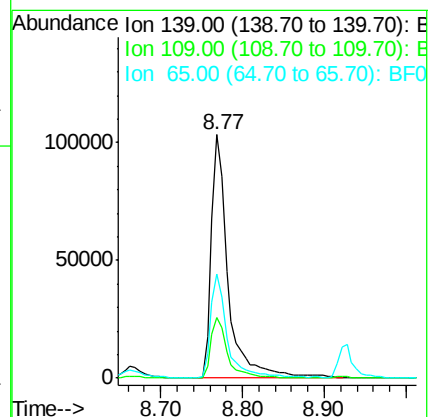
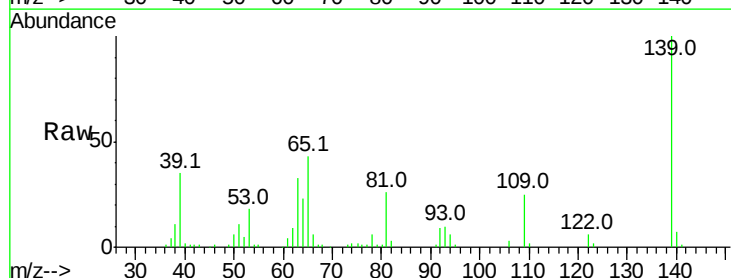
Tgt Ion:139 Resp: 148098

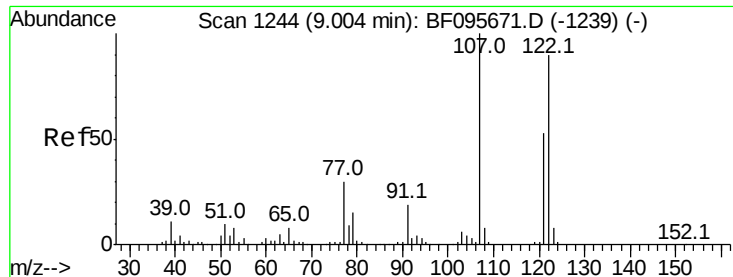
Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 42.6 33.0 49.6

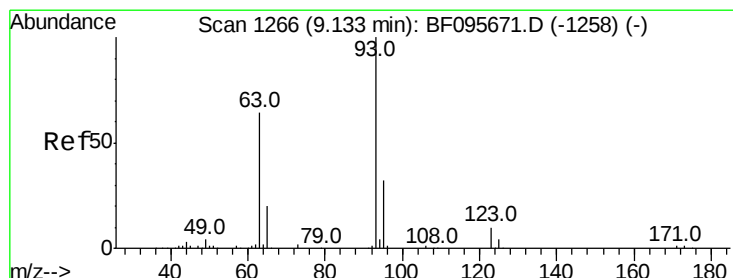
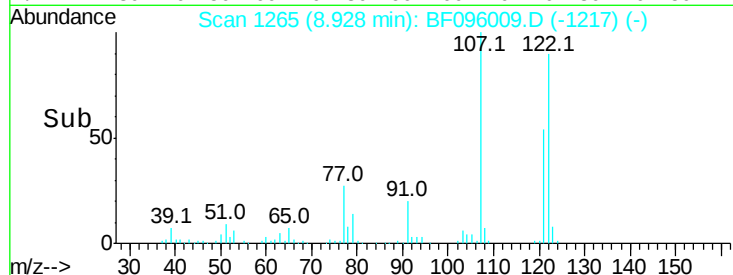
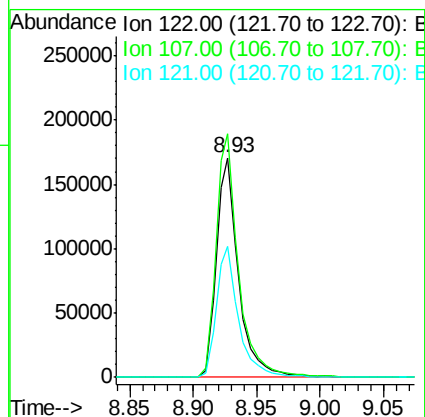
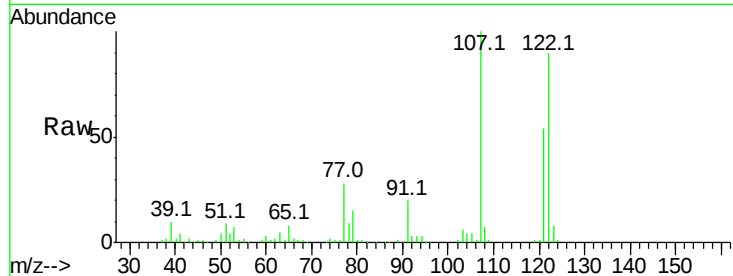




#27
 2,4-Dimethylphenol
 Concen: 52.61 ng
 RT: 8.93 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

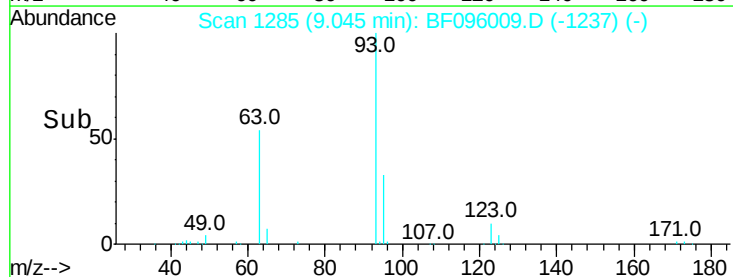
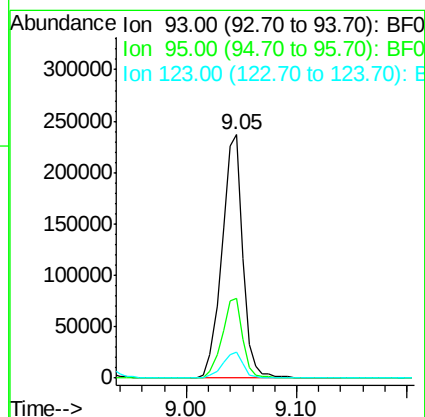
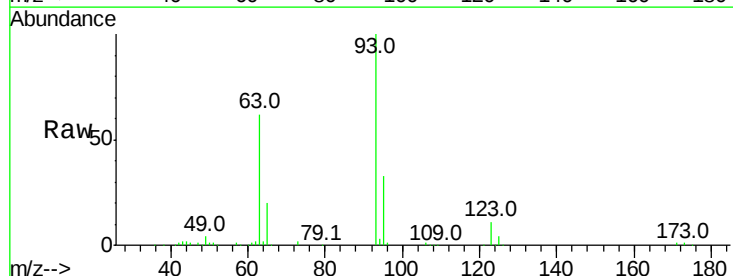
Instrument :
 BNA_F
 ClientSampled :

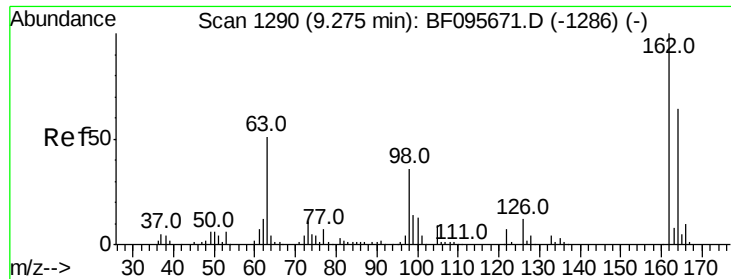
Tot Ion:122 Resp: 210426
 Ion Ratio Lower Upper
 122 100
 107 110.7 89.2 133.8
 121 59.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.87 ng
 RT: 9.05 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion: 93 Resp: 311178
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.6 9.0 13.4

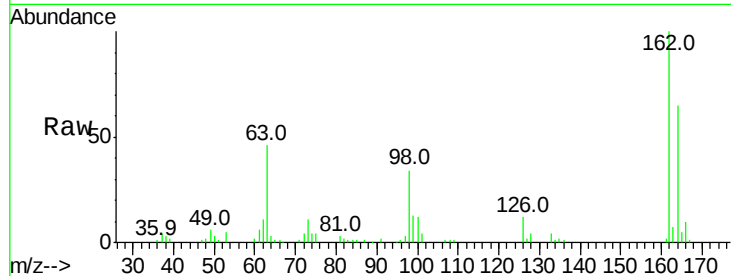




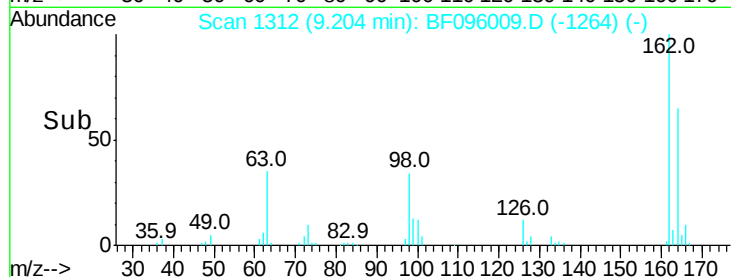
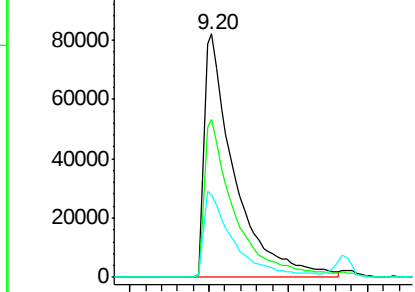
#29
 2,4-Dichlorophenol
 Concen: 56.51 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	33.7	14.8	54.8

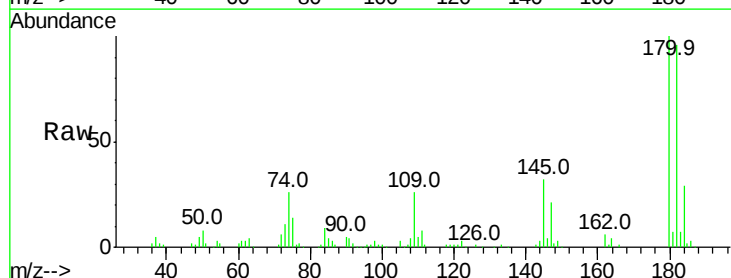


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

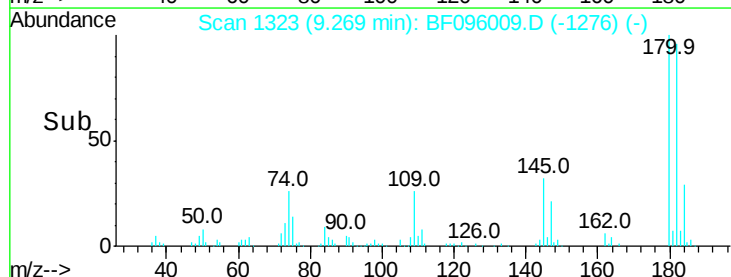
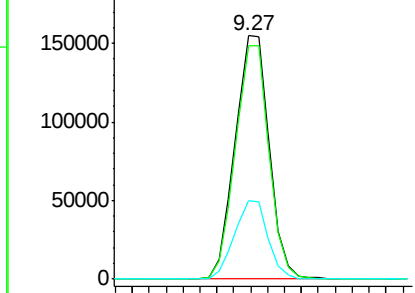


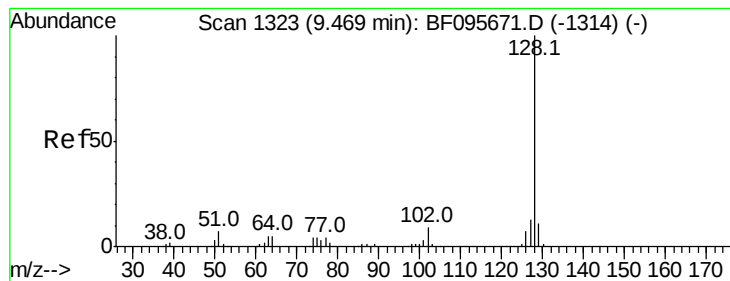
#30
 1,2,4-Trichlorobenzene
 Concen: 54.07 ng
 RT: 9.27 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	32.5	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: 52.27 ng

RT: 9.37 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

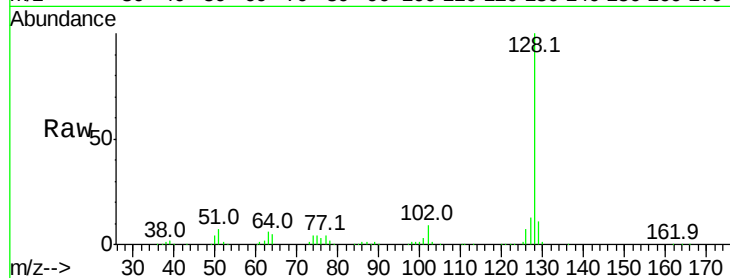
Tot Ion:128 Resp: 750621

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

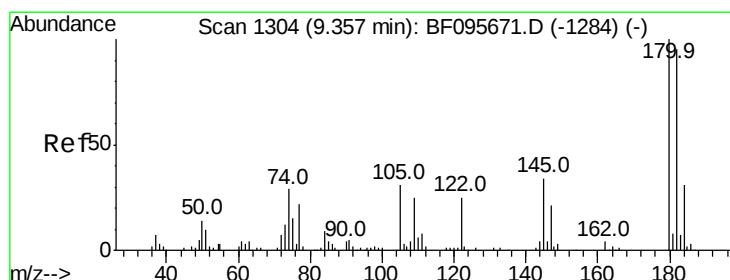
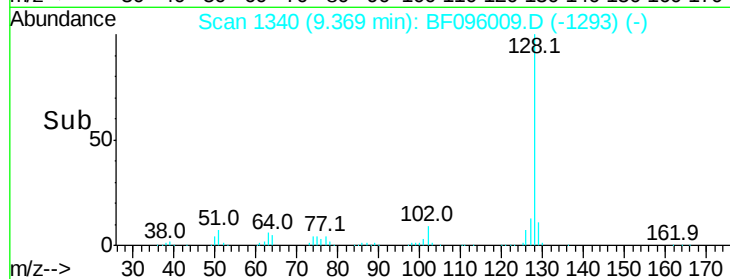
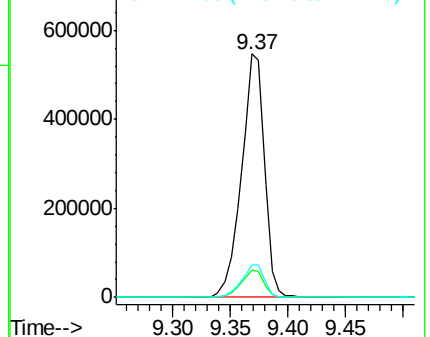
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.45 ng

RT: 9.25 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

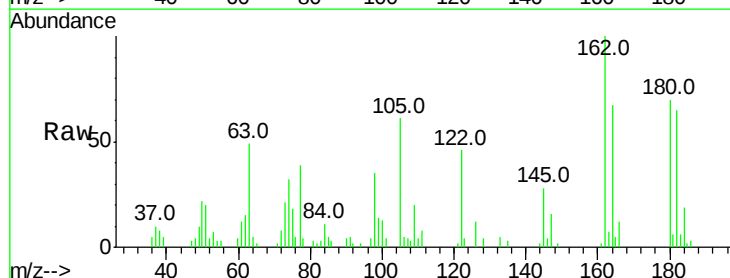
Tgt Ion:122 Resp: 20522

Ion Ratio Lower Upper

122 100

105 132.6 103.3 143.3

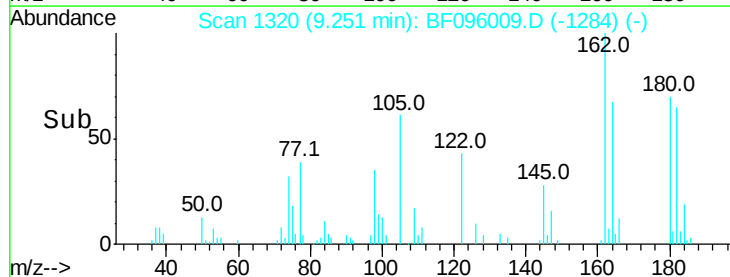
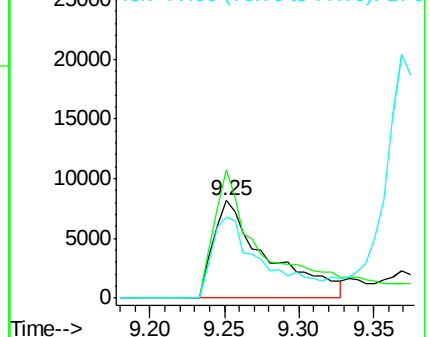
77 83.6 73.7 113.7



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

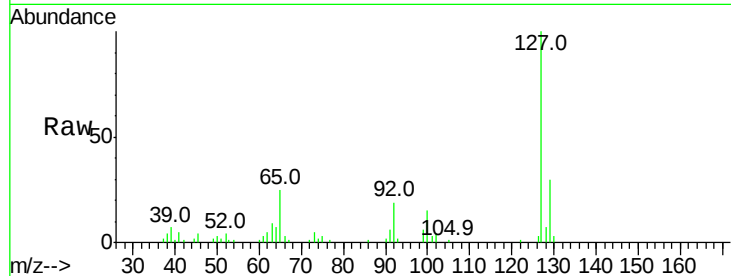




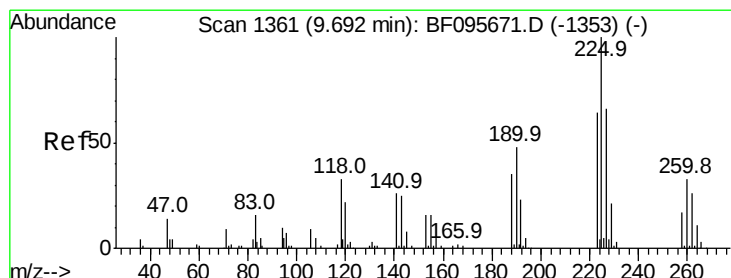
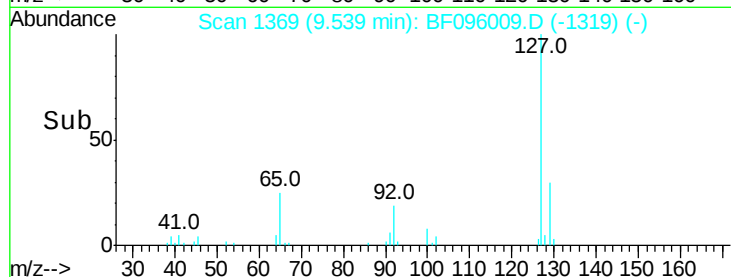
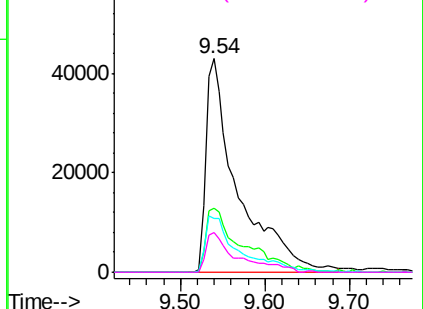
#33
4-Chloroaniline
Concen: 20.14 ng
RT: 9.54 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	113061
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.2	39.2
65	25.2	27.8	41.8#
92	18.6	16.8	25.2

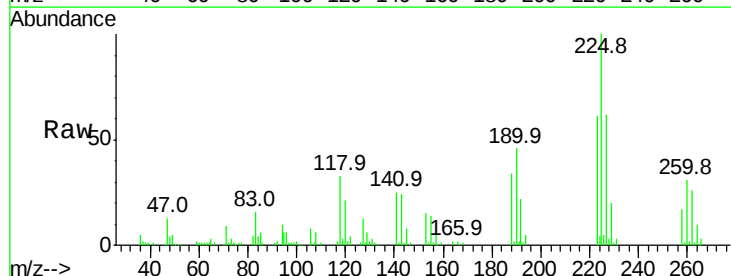


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

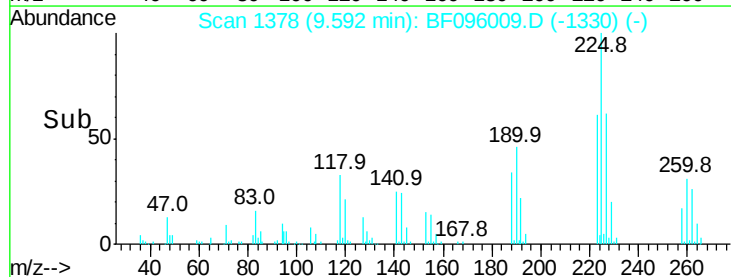
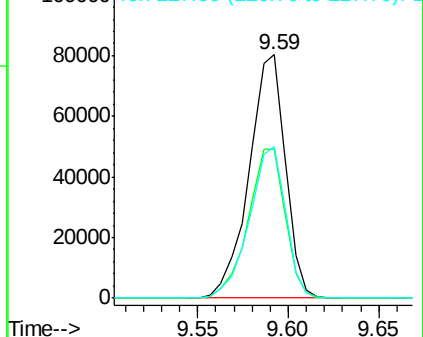


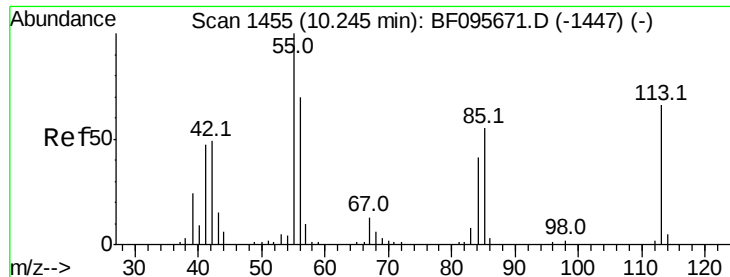
#34
Hexachlorobutadiene
Concen: 54.15 ng
RT: 9.59 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:	225	Resp:	112145
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	62.4	51.1	76.7



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





#35

Caprolactam

Concen: 31.26 ng

RT: 10.17 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

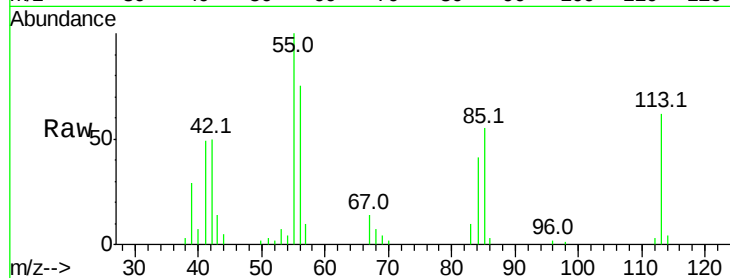
Tot Ion:113 Resp: 35832

Ion Ratio Lower Upper

113 100

55 161.7 150.2 190.2

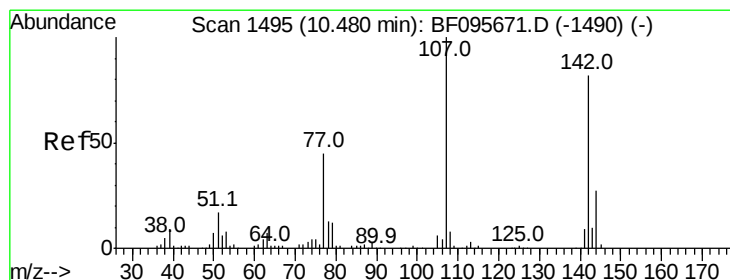
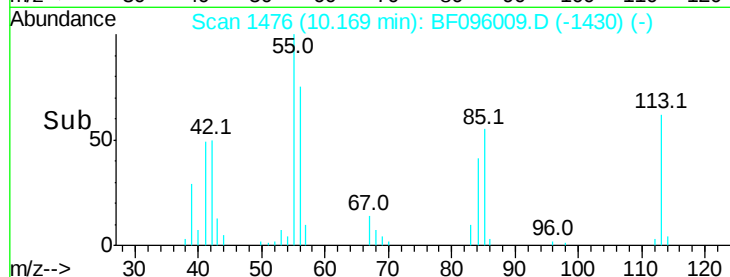
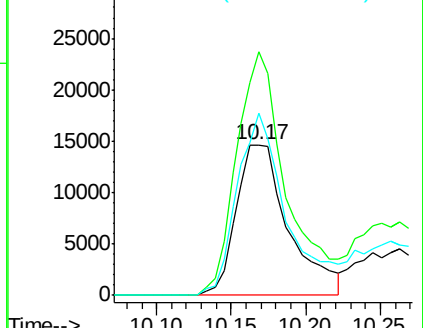
56 121.3 107.8 147.8



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: 54.80 ng

RT: 10.42 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

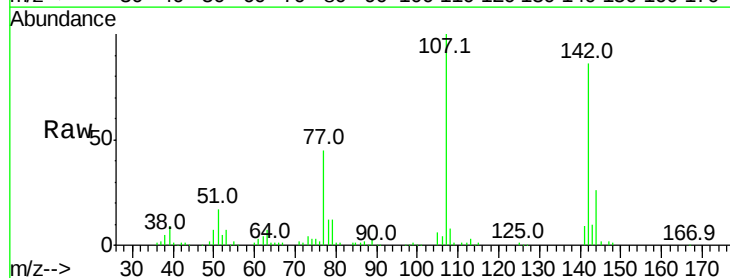
Tgt Ion:107 Resp: 220984

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

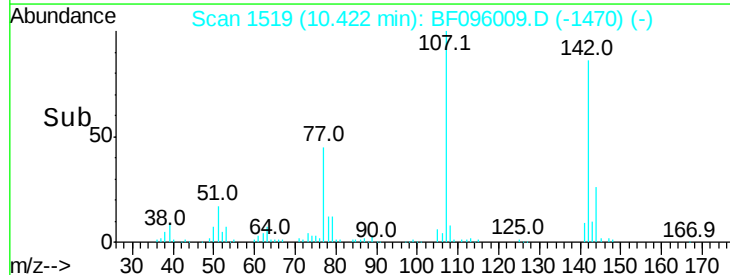
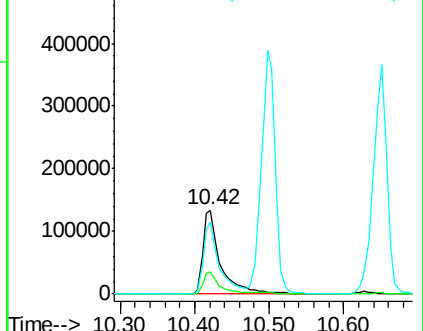
142 85.8 73.4 110.0

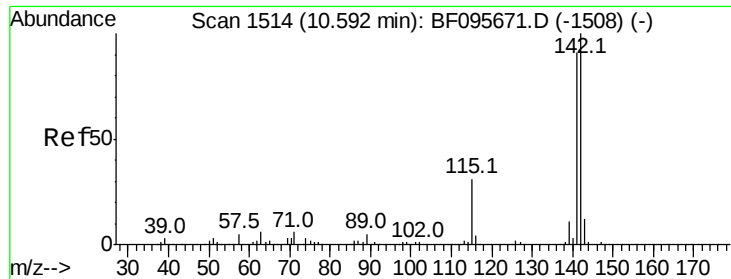


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

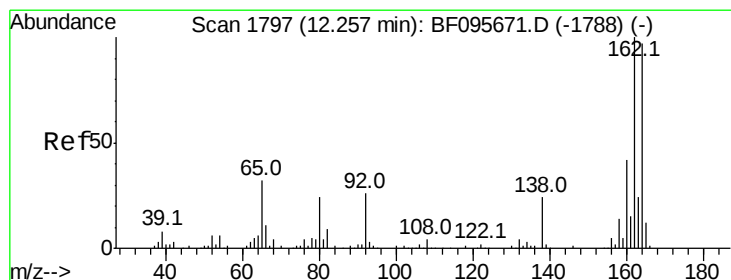
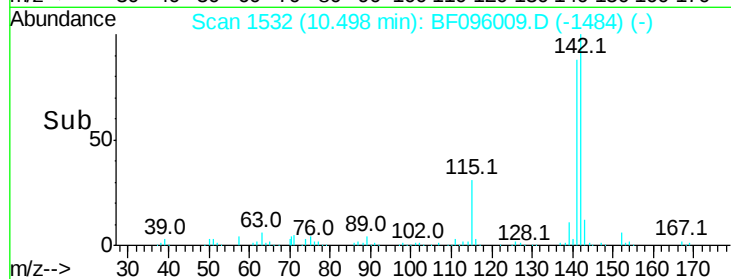
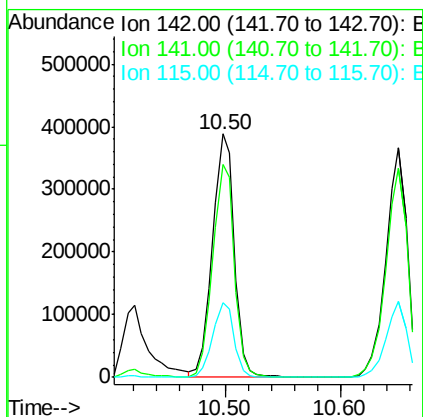
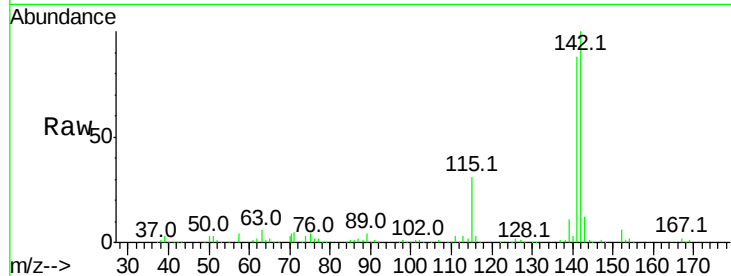




#37
2-Methylnaphthalene
Concen: 52.76 ng
RT: 10.50 min Scan# 1532
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

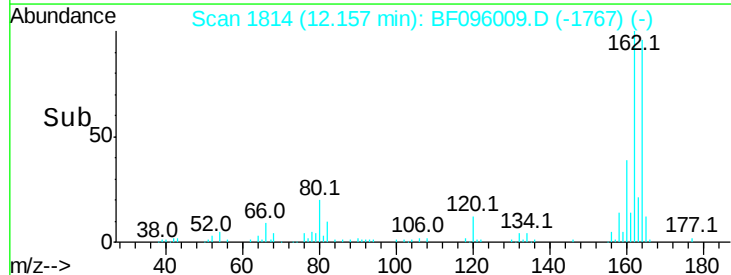
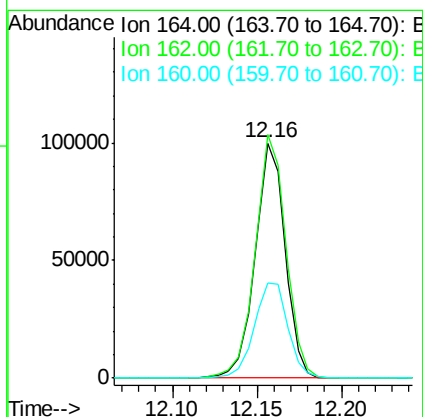
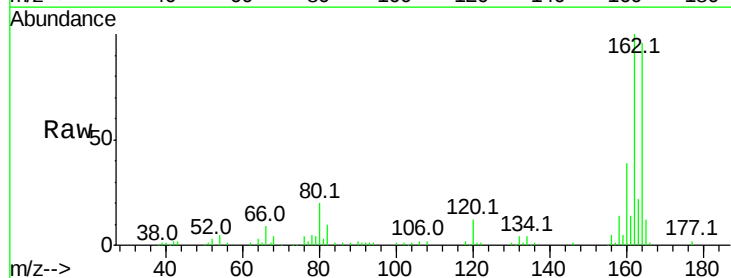
Instrument :
BNA_F
ClientSampled :

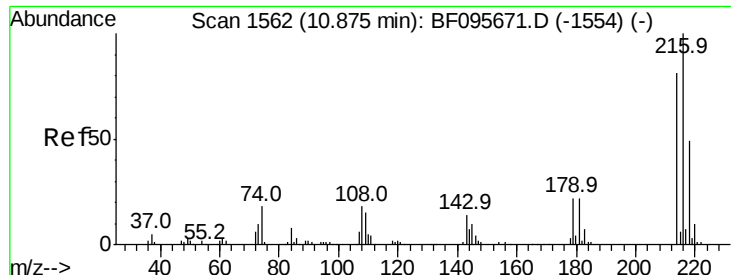
Tot Ion:142 Resp: 511915
Ion Ratio Lower Upper
142 100
141 87.6 71.3 106.9
115 30.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:164 Resp: 123556
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 40.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.35 ng

RT: 10.78 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 200976

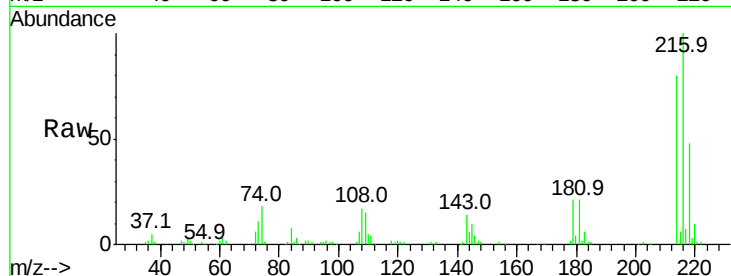
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 21.6 17.9 26.9

108 18.8 16.5 24.7

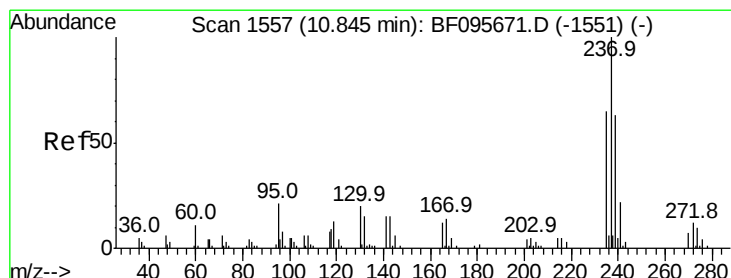
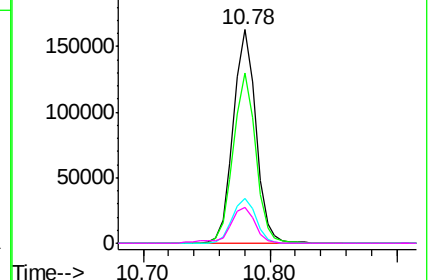
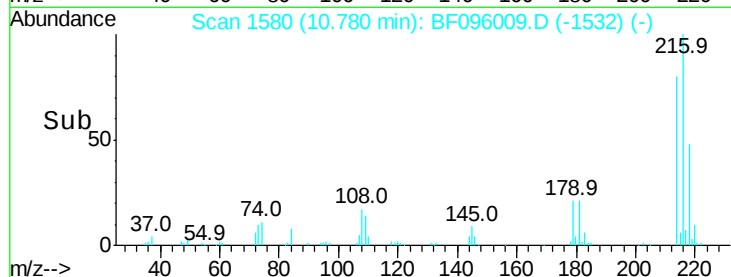


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.63 ng

RT: 10.75 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

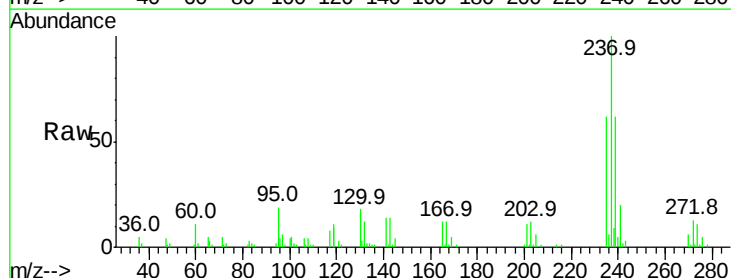
Tgt Ion:237 Resp: 66609

Ion Ratio Lower Upper

237 100

235 61.5 42.6 82.6

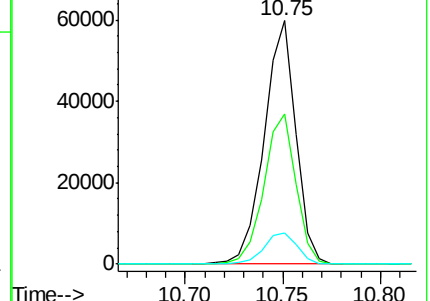
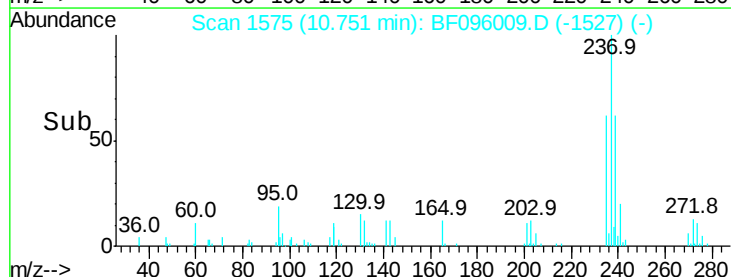
272 12.6 0.0 31.9



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

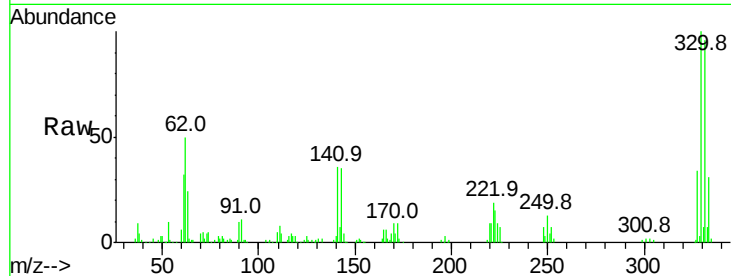




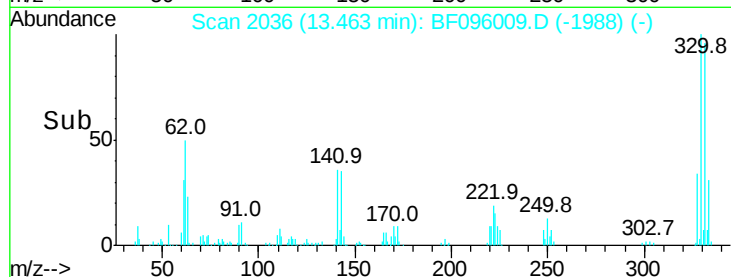
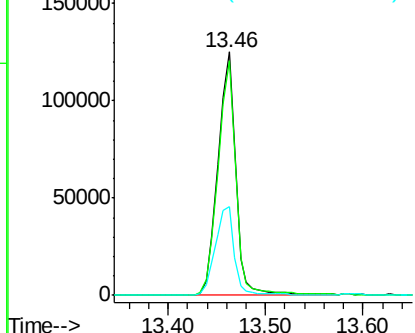
#41
 2,4,6-Tribromophenol
 Concen: 147.90 ng
 RT: 13.46 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 161684
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.7 31.4 47.2

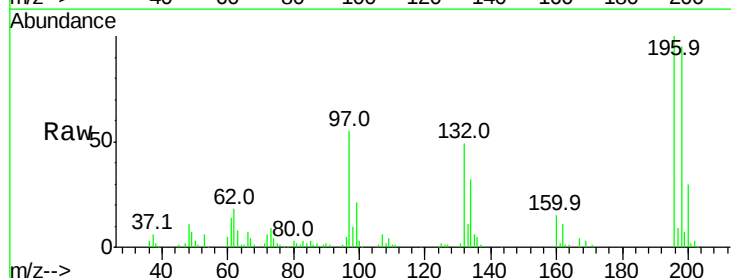


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

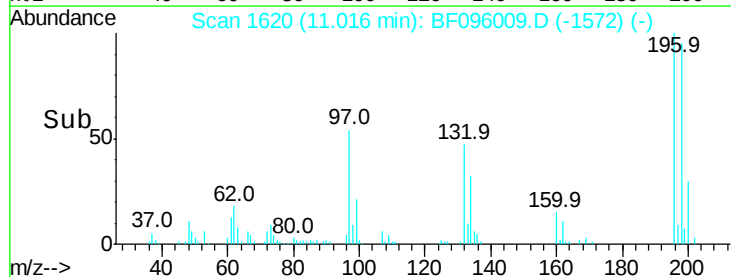
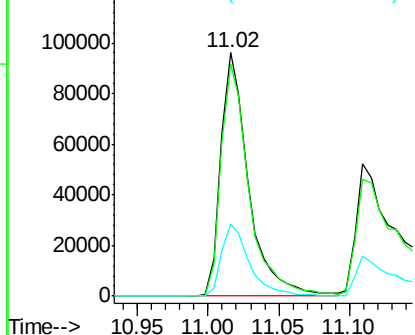


#42
 2,4,6-Trichlorophenol
 Concen: 55.55 ng
 RT: 11.02 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:196 Resp: 132059
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.4
 200 29.9 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

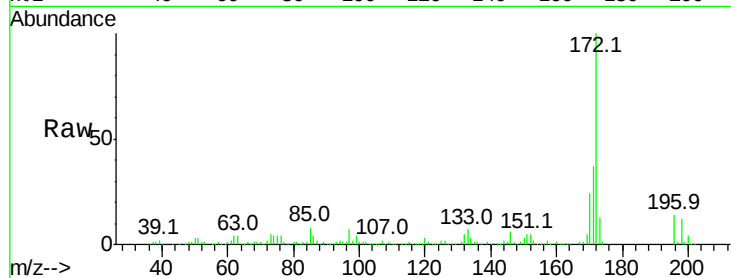




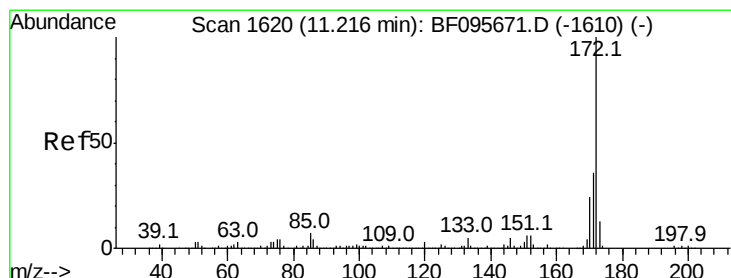
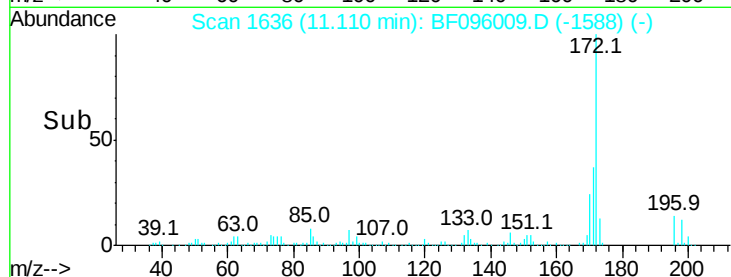
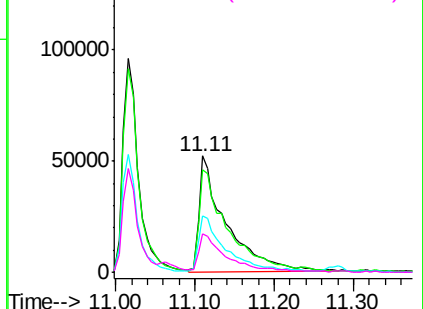
#43
 2,4,5-Trichlorophenol
 Concen: 48.69 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	88.1	75.7	113.5
97	48.6	47.7	71.5
132	32.9	28.0	42.0

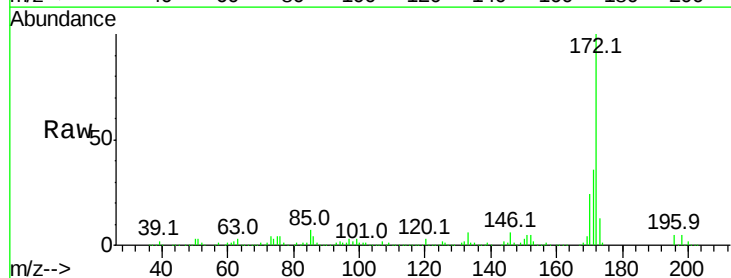


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

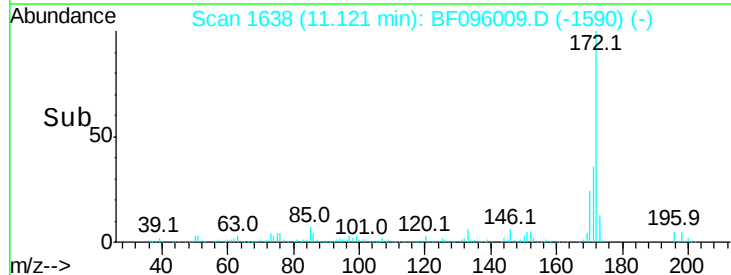
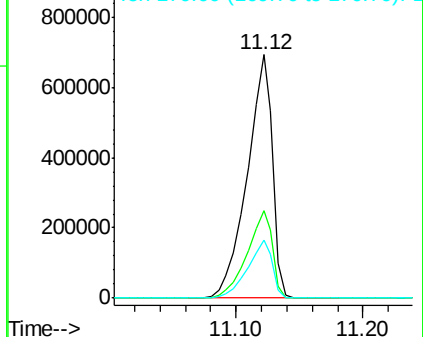


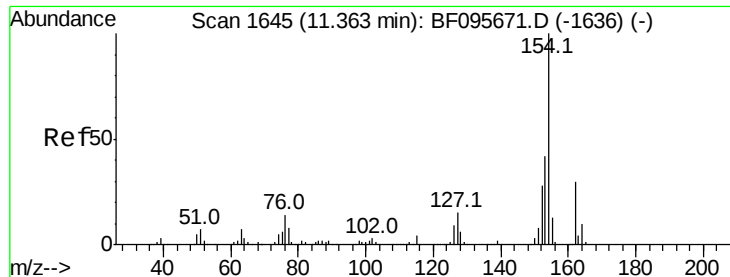
#44
 2-Fluorobiphenyl
 Concen: 108.19 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	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

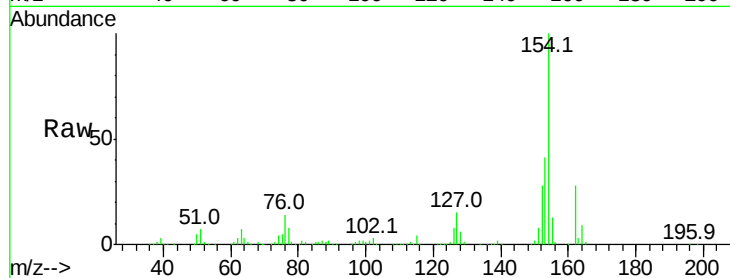




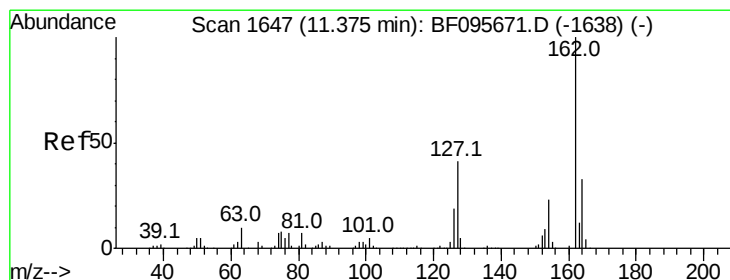
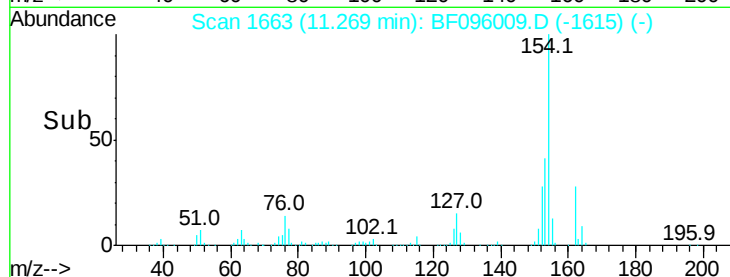
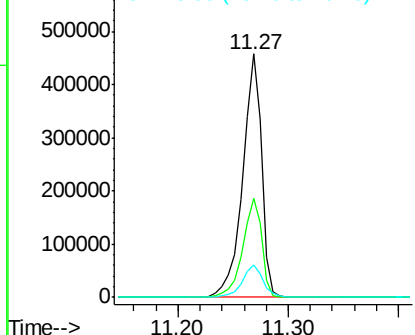
#45
 1,1'-Biphenyl
 Concen: 54.21 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 552082
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 13.6 0.0 29.9

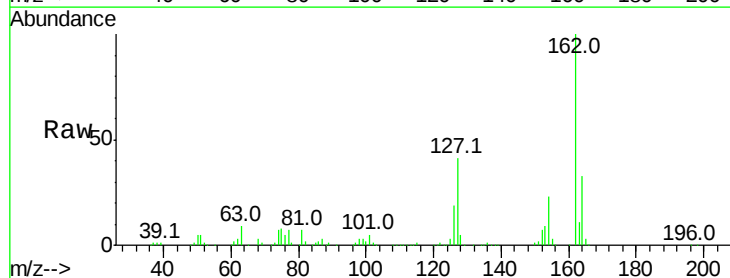


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

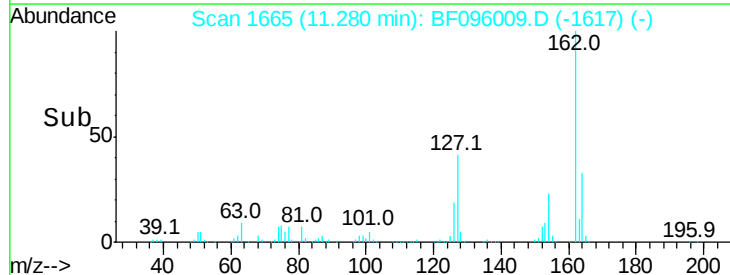
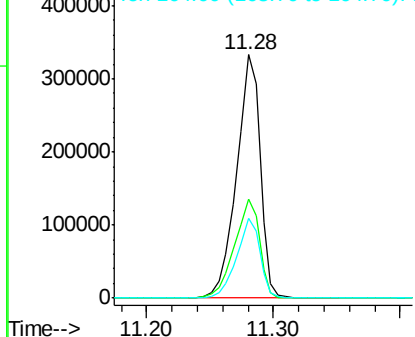


#46
 2-Chloronaphthalene
 Concen: 53.63 ng
 RT: 11.28 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:162 Resp: 426716
 Ion Ratio Lower Upper
 162 100
 127 40.5 28.3 42.5
 164 32.9 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

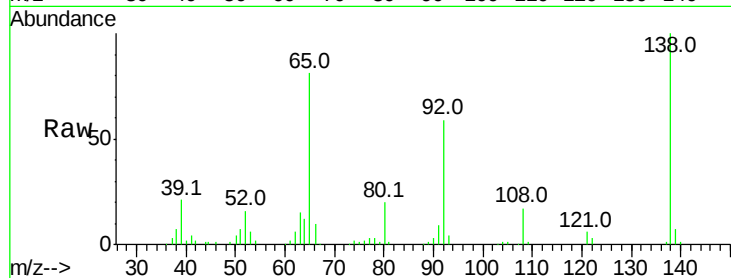




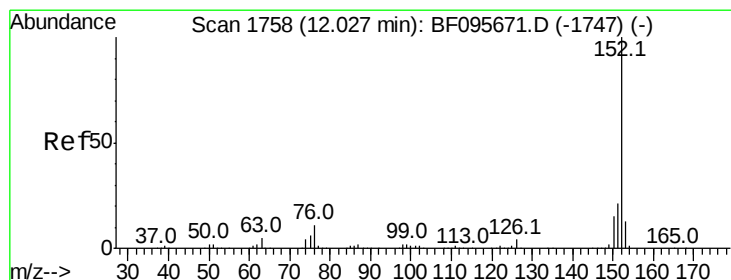
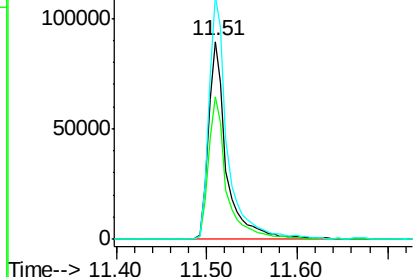
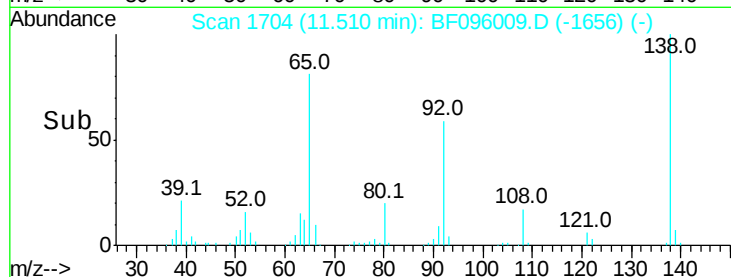
#47
 2-Nitroaniline
 Concen: 53.97 ng
 RT: 11.51 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 125669
 Ion Ratio Lower Upper
 65 100
 92 72.2 53.9 80.9
 138 123.3 78.8 118.2#

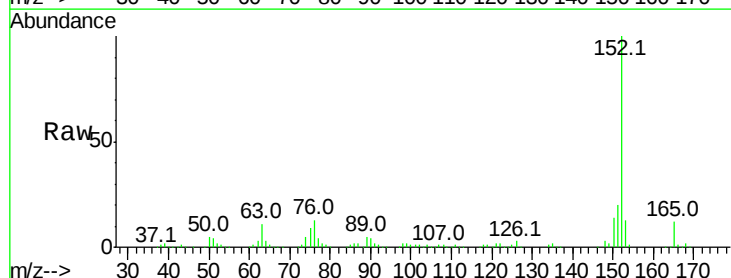


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

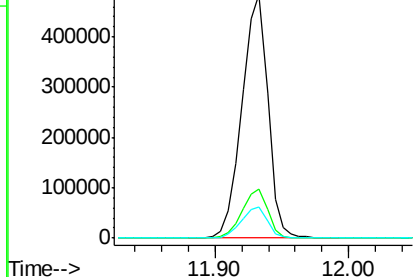
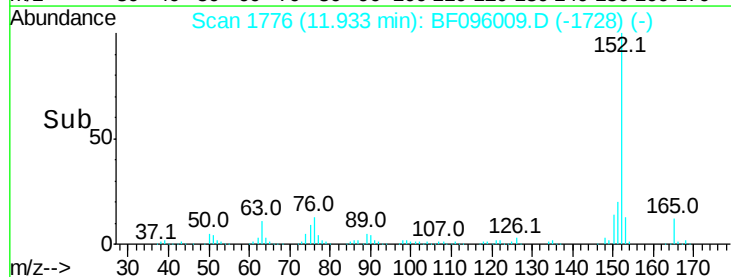


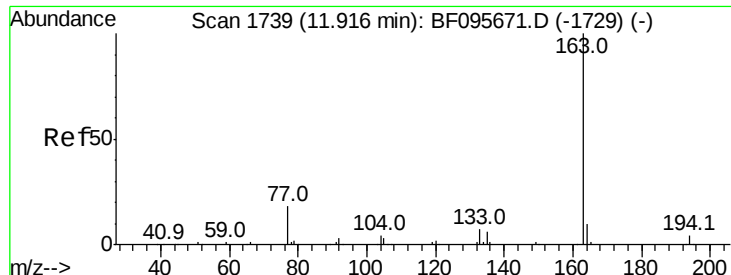
#48
 Acenaphthylene
 Concen: 47.75 ng
 RT: 11.93 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:152 Resp: 649602
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 12.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 66.45 ng

RT: 11.83 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

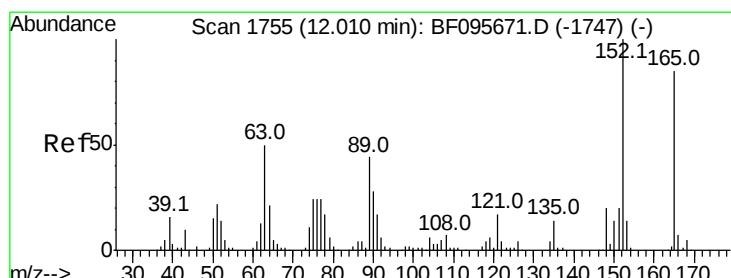
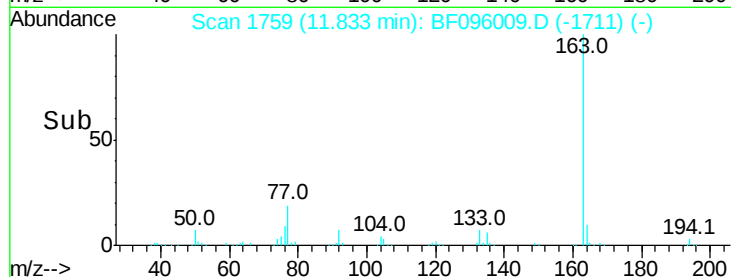
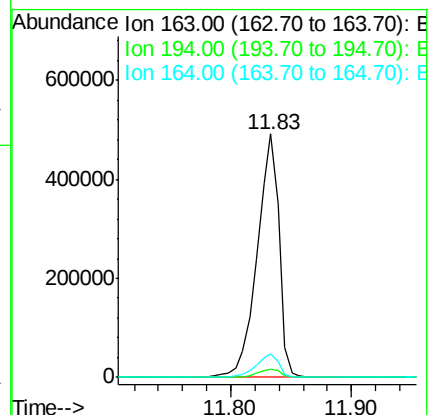
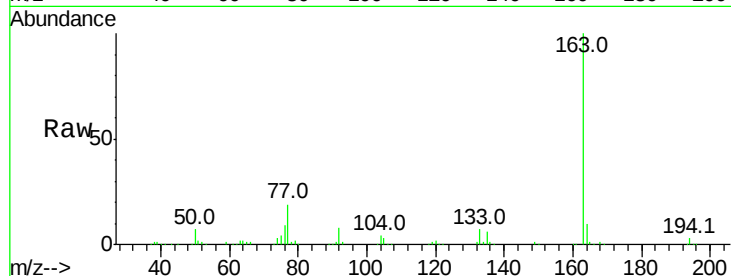
Tot Ion:163 Resp: 623414

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 9.7 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 49.89 ng

RT: 11.93 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

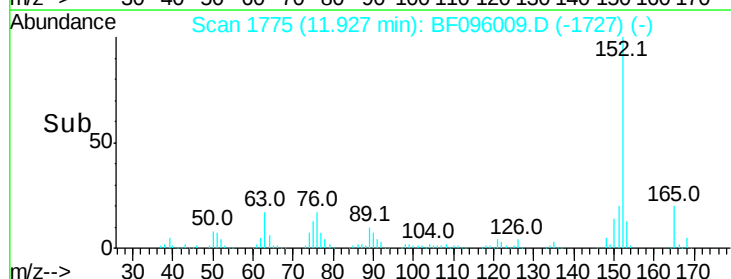
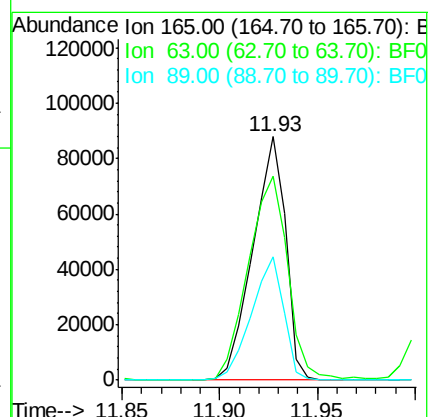
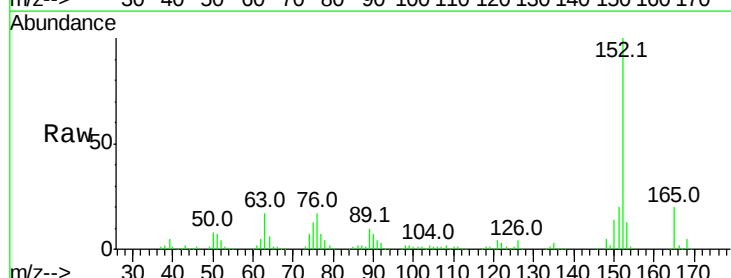
Tgt Ion:165 Resp: 102090

Ion Ratio Lower Upper

165 100

63 84.0 34.3 51.5#

89 50.8 37.1 55.7





#51

Acenaphthene

Concen: 50.49 ng

RT: 12.22 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampled :

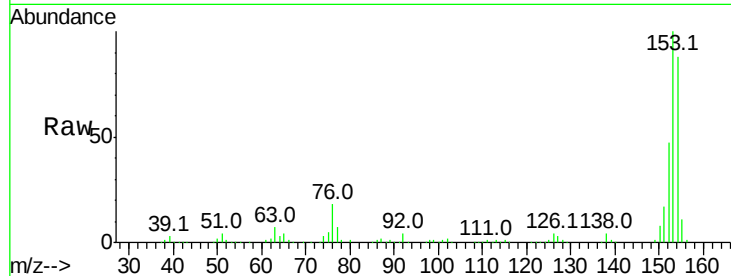
Tot Ion:154 Resp: 396758

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

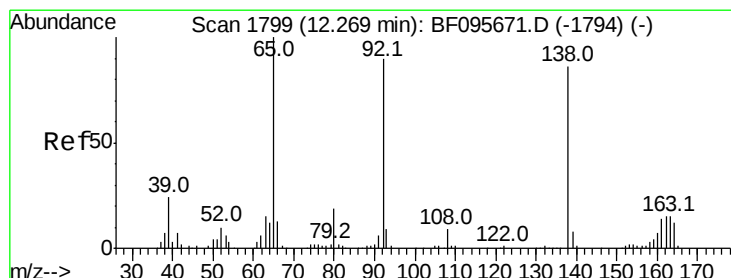
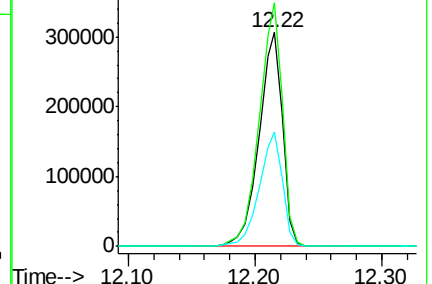
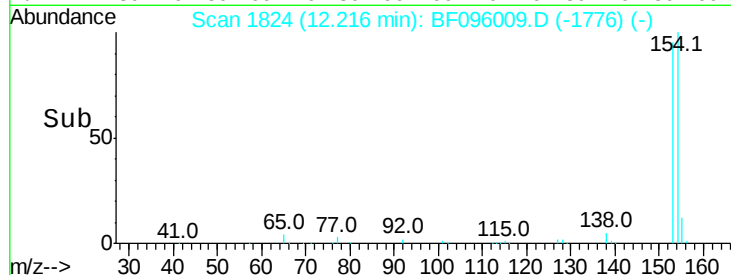
152 53.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.17 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

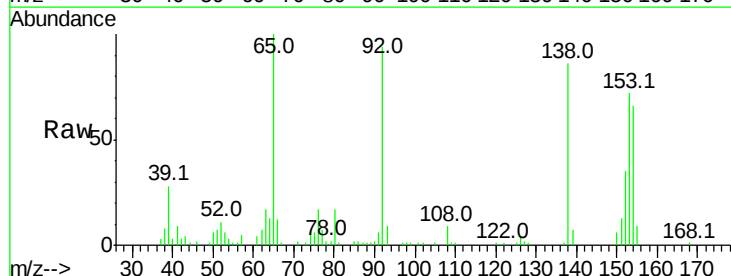
Tgt Ion:138 Resp: 76692

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

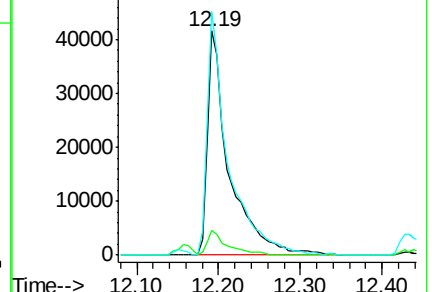
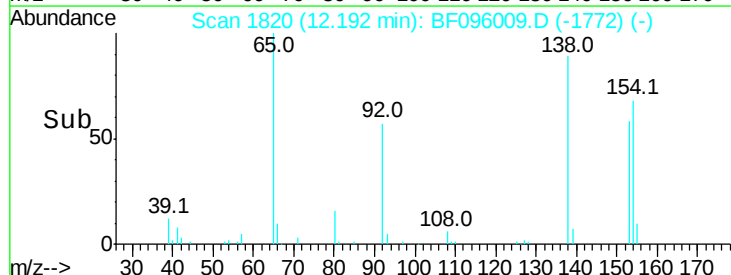
92 108.8 93.8 140.6



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

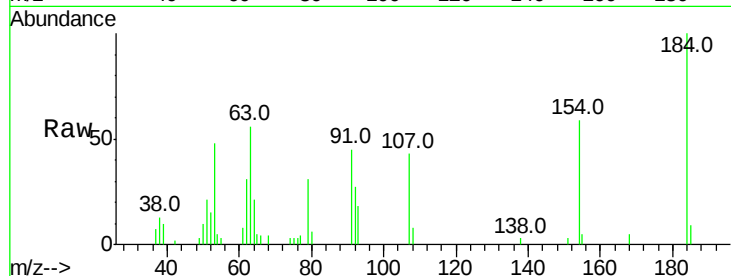




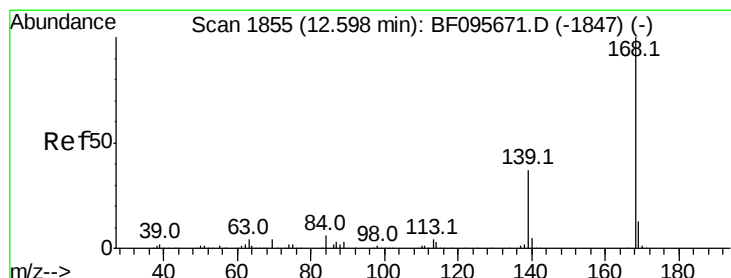
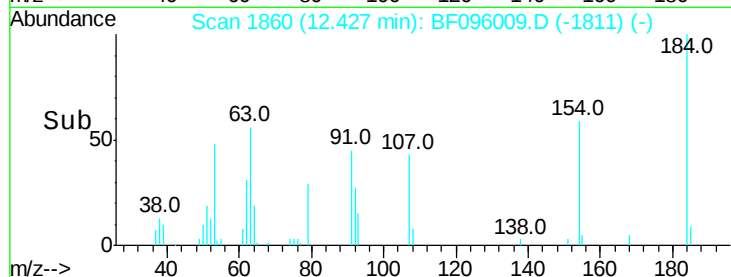
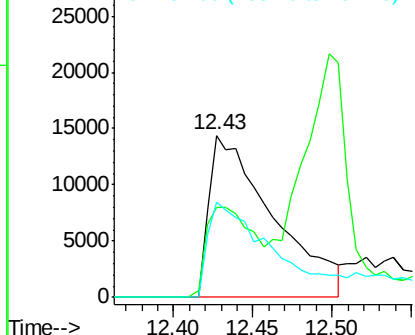
#53
 2,4-Dinitrophenol
 Concen: 38.44 ng
 RT: 12.43 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 40296
 Ion Ratio Lower Upper
 184 100
 63 55.5 62.7 94.1#
 154 58.6 81.1 121.7#

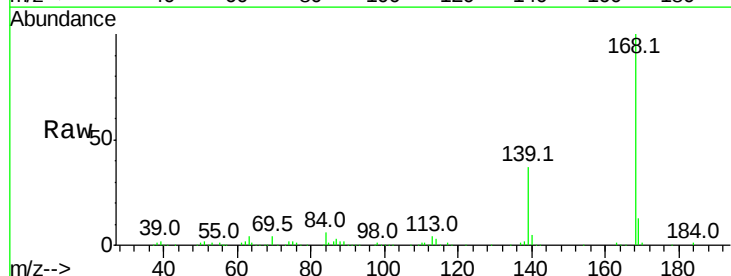


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

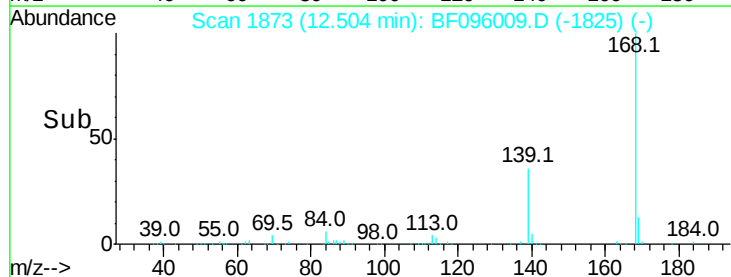
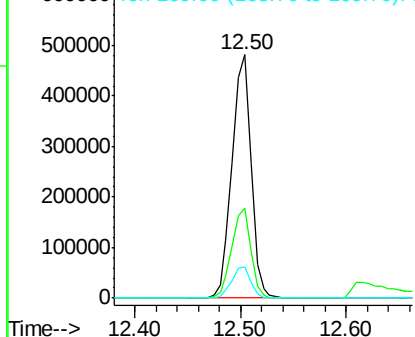


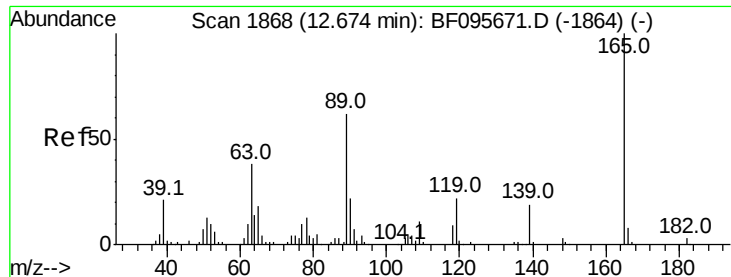
#54
 Dibenzofuran
 Concen: 54.22 ng
 RT: 12.50 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:168 Resp: 599694
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.6 45.8
 169 12.9 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

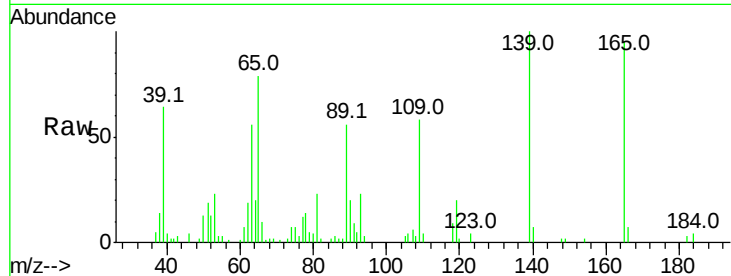




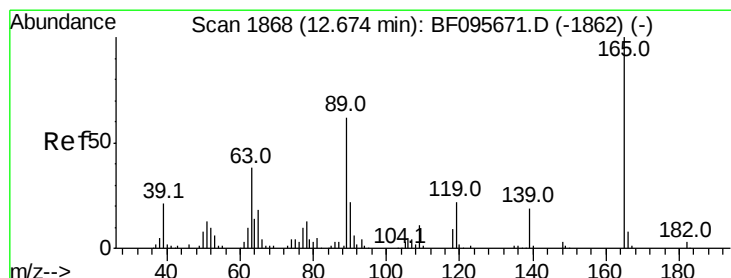
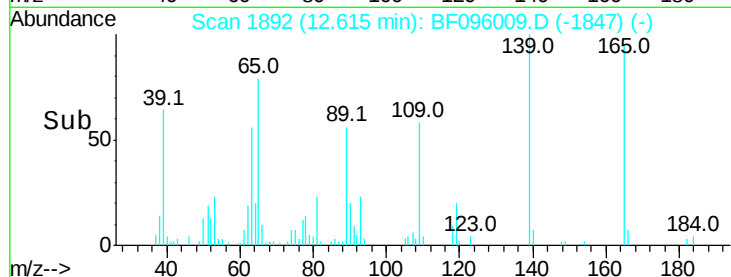
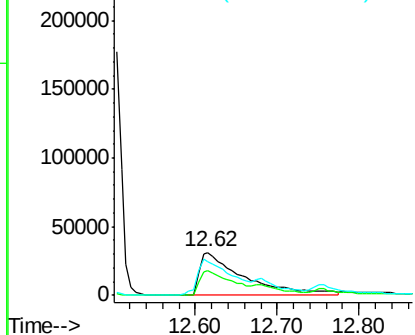
#55
4-Nitrophenol
Concen: 83.62 ng
RT: 12.62 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 116699
Ion Ratio Lower Upper
139 100
109 57.5 34.1 74.1
65 79.1 31.4 71.4#



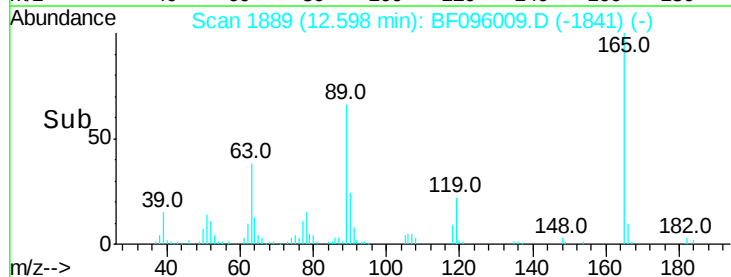
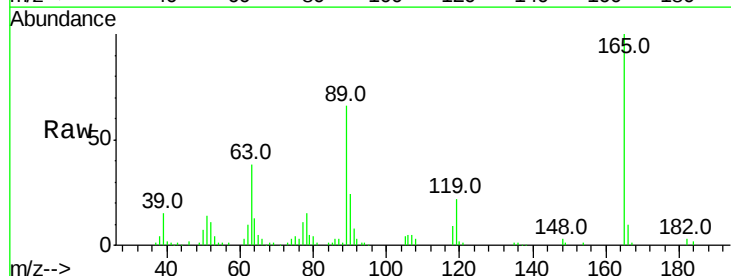
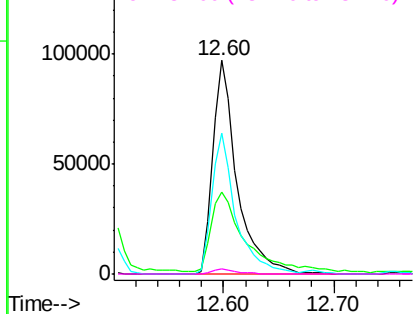
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

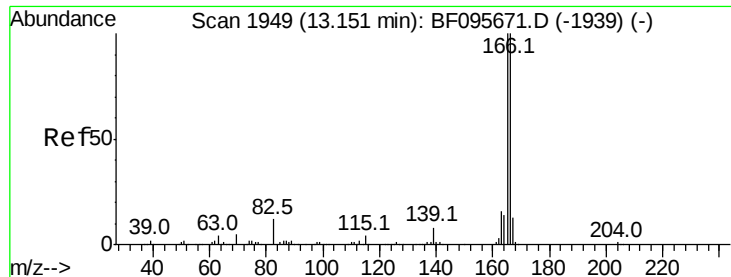


#56
2,4-Dinitrotoluene
Concen: 53.28 ng
RT: 12.60 min Scan# 1889
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:165 Resp: 147255
Ion Ratio Lower Upper
165 100
63 38.2 25.4 38.0#
89 65.8 46.4 69.6
182 2.5 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: 48.97 ng

RT: 13.06 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

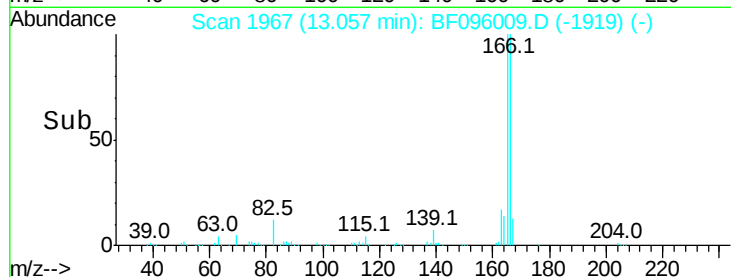
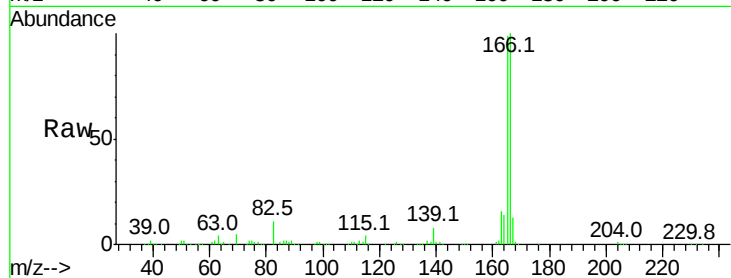
Tot Ion:166 Resp: 471306

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

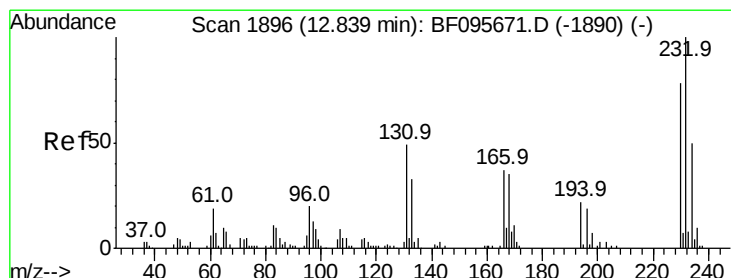
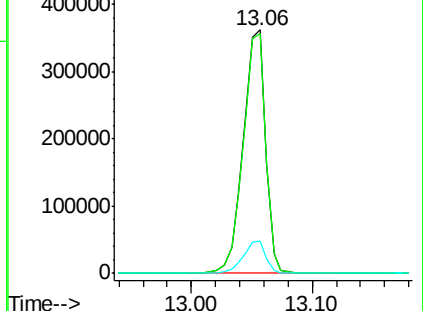
167 13.2 10.6 16.0



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: 54.94 ng

RT: 12.76 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Tgt Ion:232 Resp: 95065

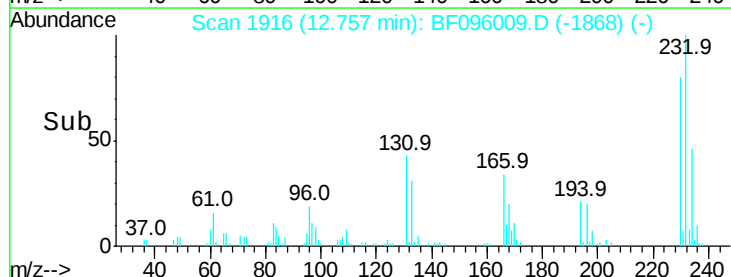
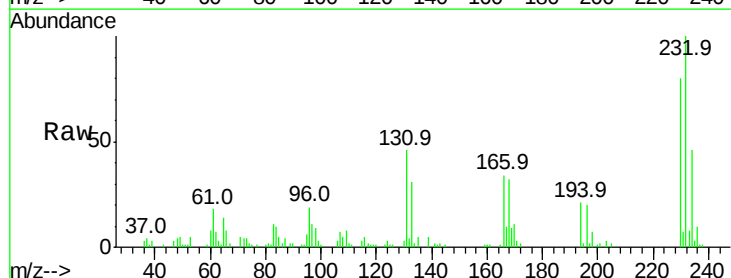
Ion Ratio Lower Upper

232 100

131 49.4 44.8 67.2

130 2.2 2.3 3.5#

166 29.7 29.0 43.4

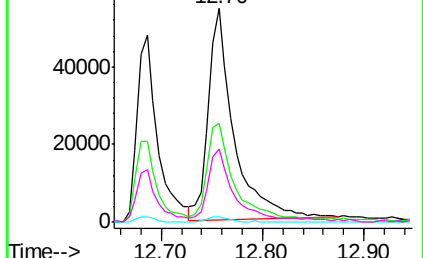


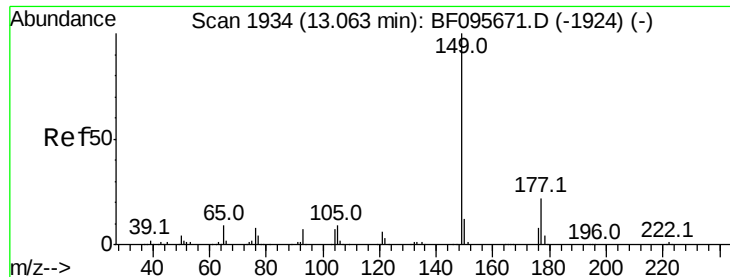
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.32 ng

RT: 12.97 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampled :

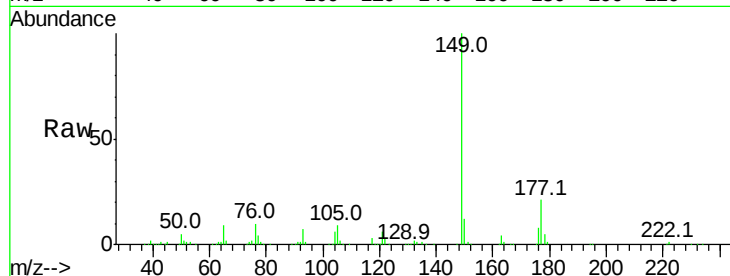
Tot Ion:149 Resp: 481409

Ion Ratio Lower Upper

149 100

177 20.7 16.7 25.1

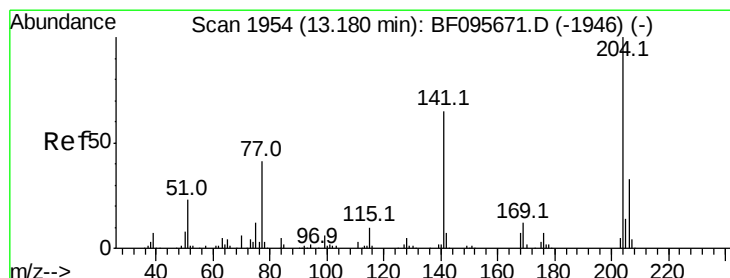
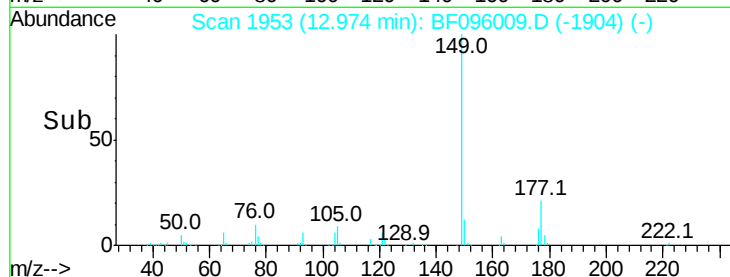
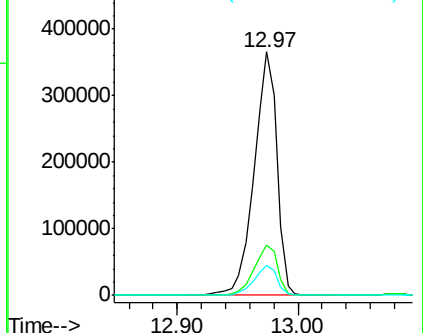
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.92 ng

RT: 13.08 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

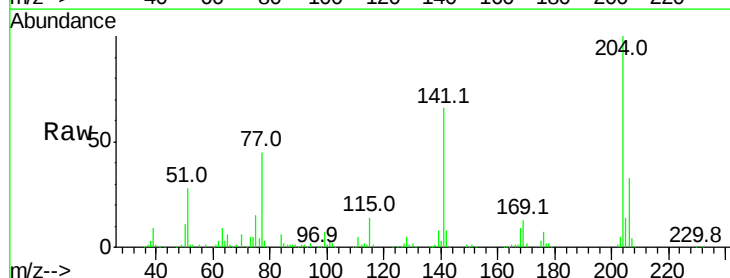
Tgt Ion:204 Resp: 213123

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

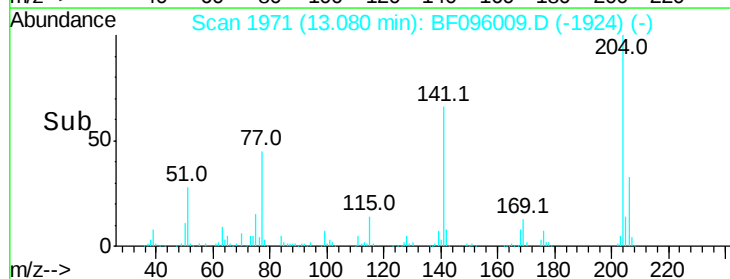
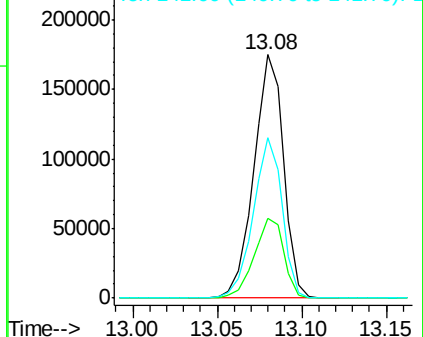
141 65.7 60.8 91.2

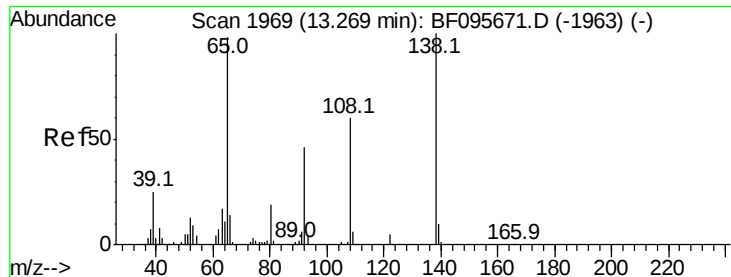


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

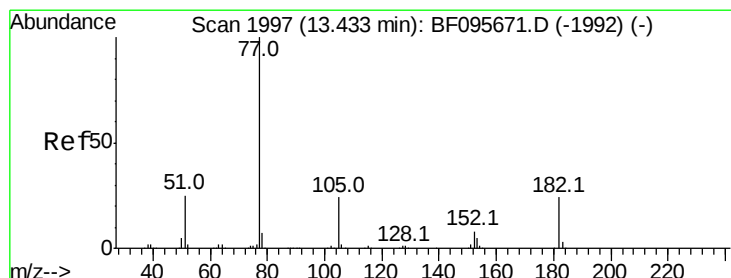
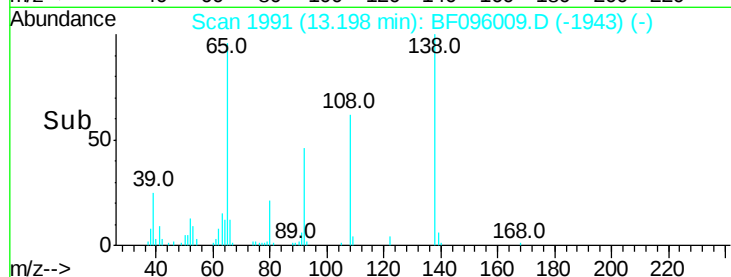
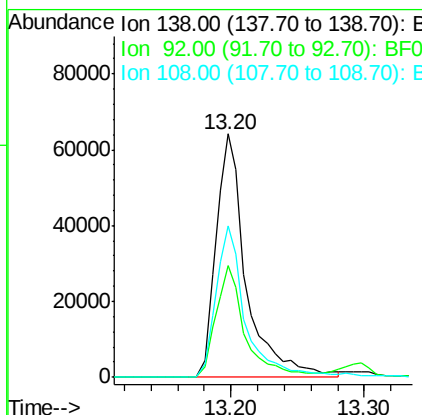
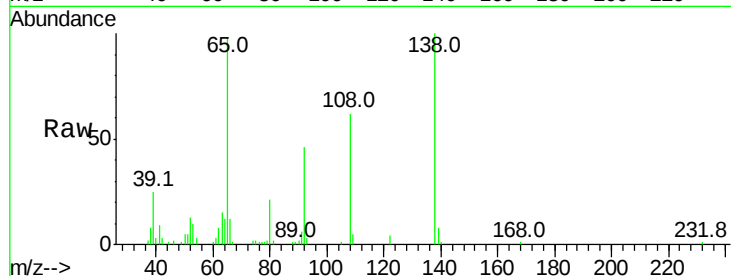




#61
4-Nitroaniline
Concen: 45.88 ng
RT: 13.20 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

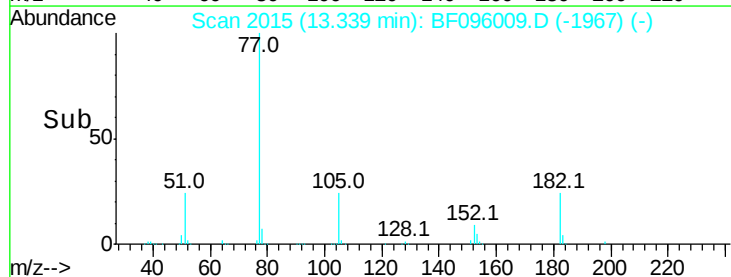
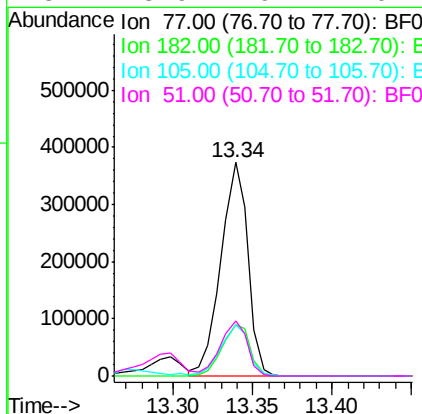
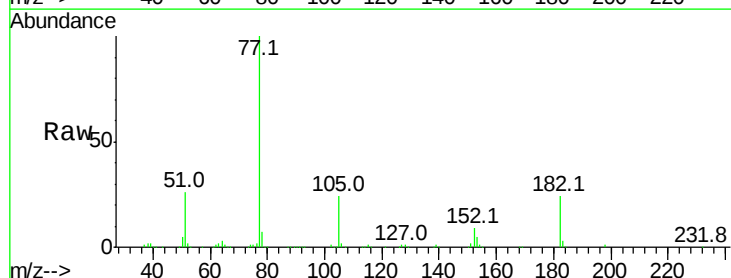
Instrument :
BNA_F
ClientSampleId :

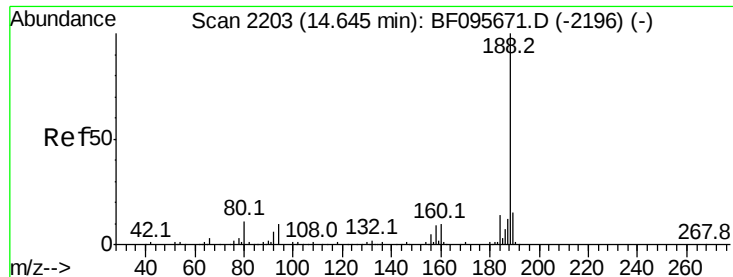
Tot Ion:138 Resp: 102132
Ion Ratio Lower Upper
138 100
92 46.1 21.8 61.8
108 62.2 42.3 82.3



#62
Azobenzene
Concen: 54.20 ng
RT: 13.34 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion: 77 Resp: 443495
Ion Ratio Lower Upper
77 100
182 24.2 0.1 40.1
105 23.8 3.6 43.6
51 25.9 9.4 49.4

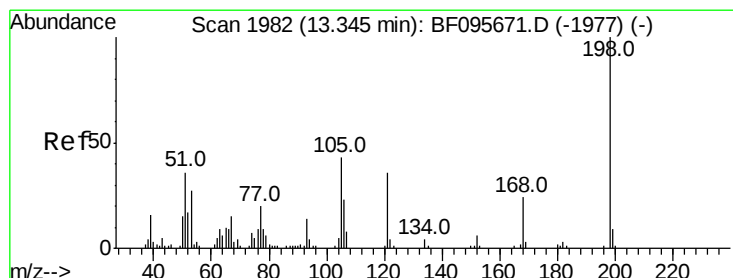
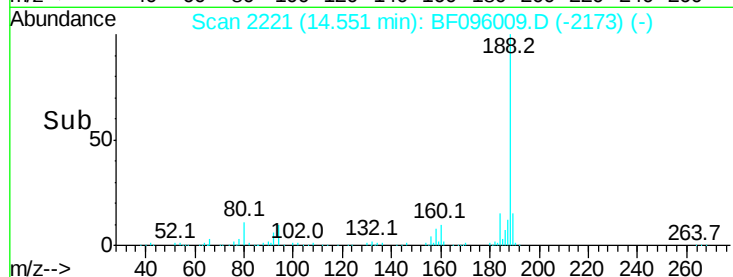
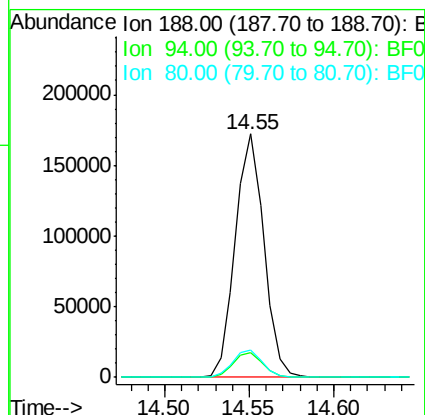
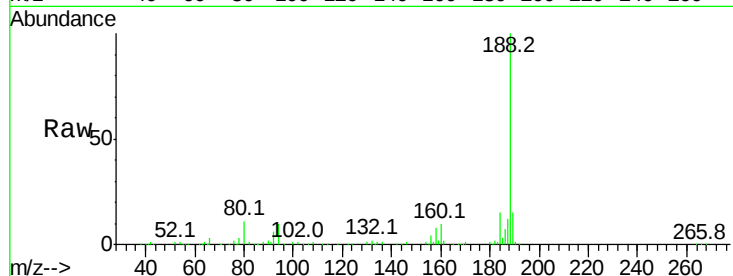




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

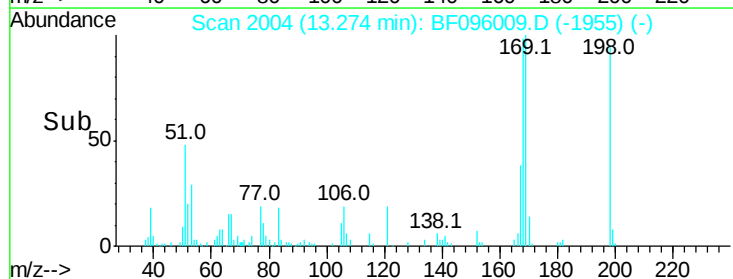
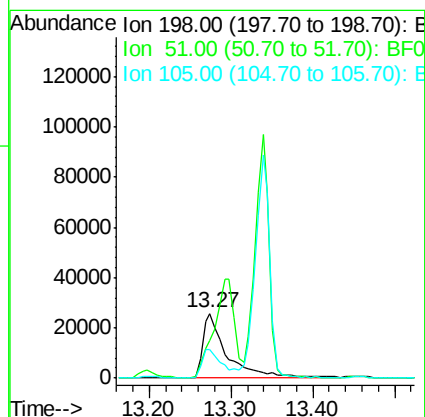
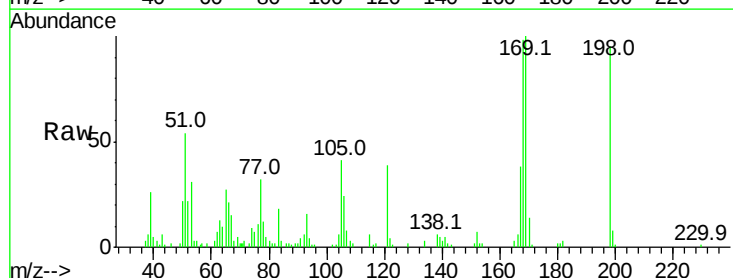
Instrument :
 BNA_F
 ClientSampleId :

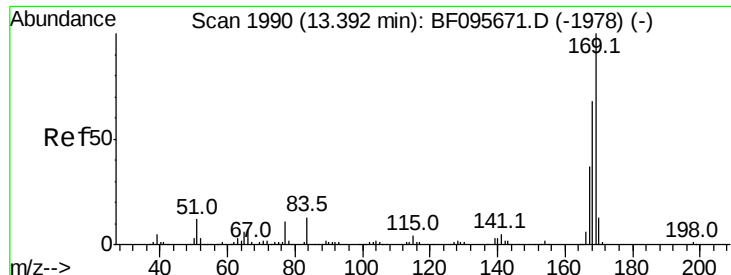
Tot Ion:188 Resp: 202898
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.2 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.29 ng
 RT: 13.27 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:198 Resp: 53729
 Ion Ratio Lower Upper
 198 100
 51 57.0 53.2 93.2
 105 43.3 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 55.31 ng

RT: 13.30 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

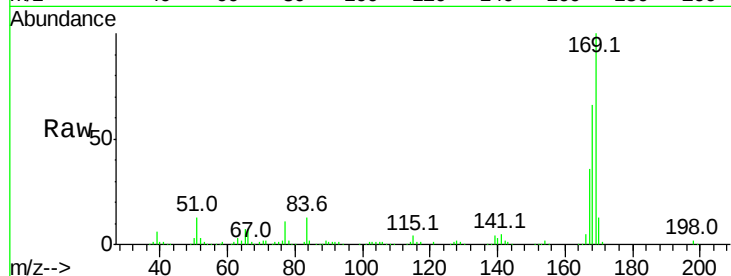
Tot Ion:169 Resp: 403263

Ion Ratio Lower Upper

169 100

168 66.4 53.2 79.8

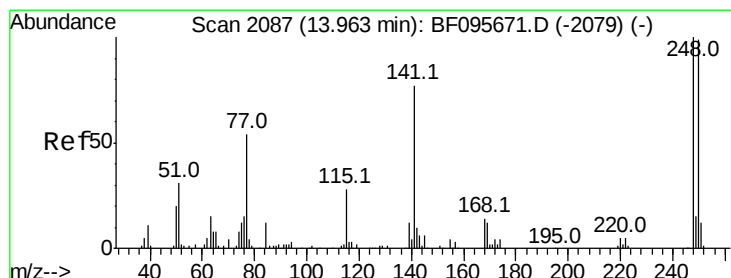
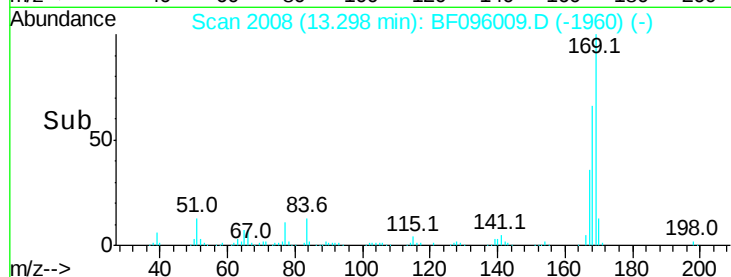
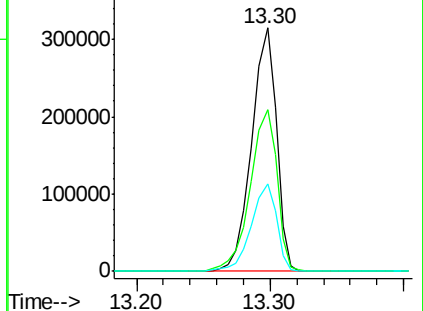
167 36.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 56.29 ng

RT: 13.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

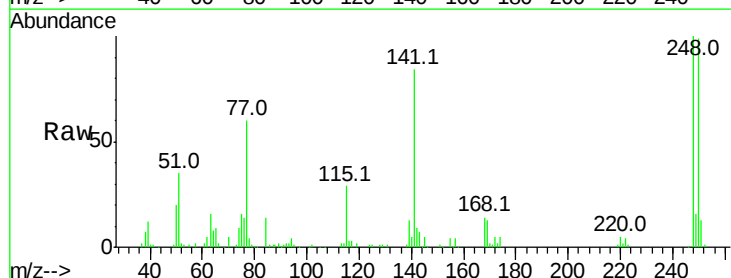
Tgt Ion:248 Resp: 118695

Ion Ratio Lower Upper

248 100

250 98.6 76.8 115.2

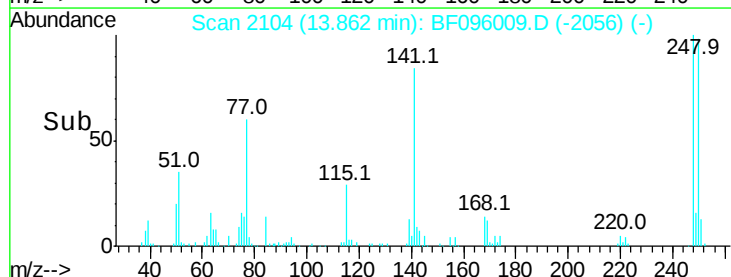
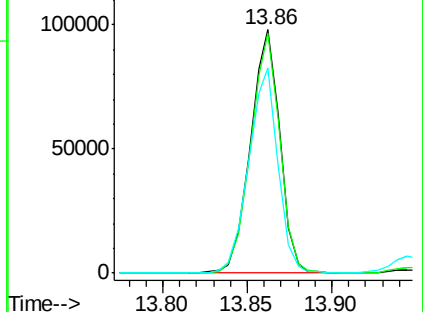
141 84.1 68.6 103.0



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

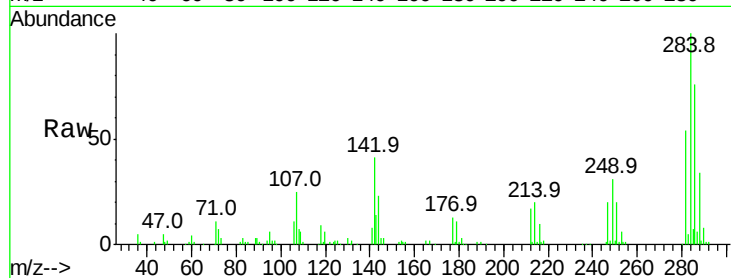




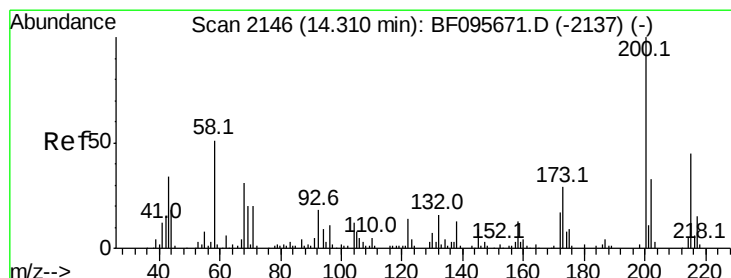
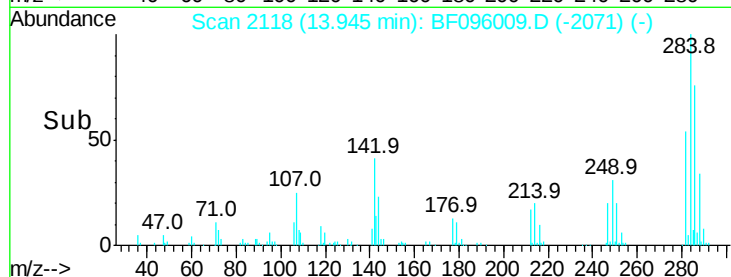
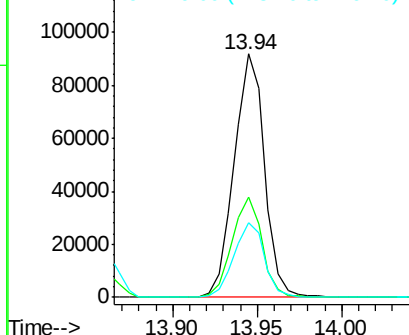
#67
Hexachlorobenzene
Concen: 55.16 ng
RT: 13.94 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 114617
Ion Ratio Lower Upper
284 100
142 41.1 22.8 34.2#
249 30.6 24.0 36.0

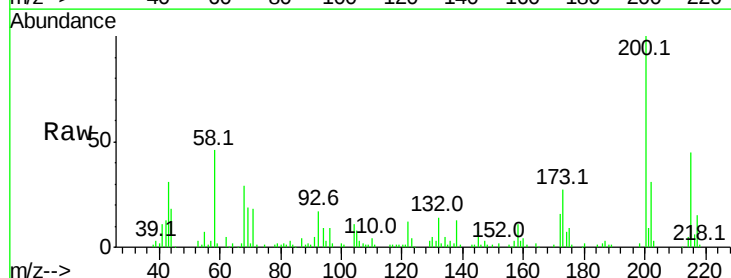


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

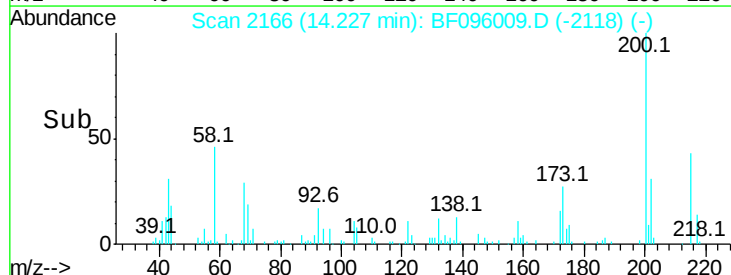
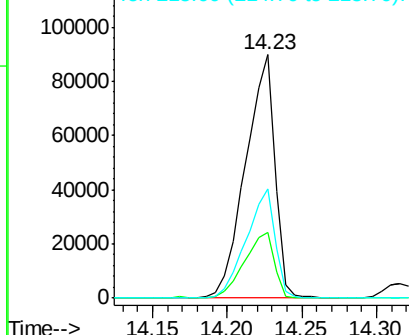


#68
Atrazine
Concen: 60.01 ng
RT: 14.23 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:200 Resp: 121766
Ion Ratio Lower Upper
200 100
173 27.0 6.3 46.3
215 44.7 27.2 67.2



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

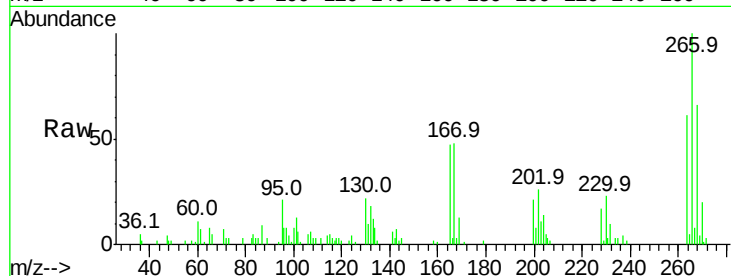




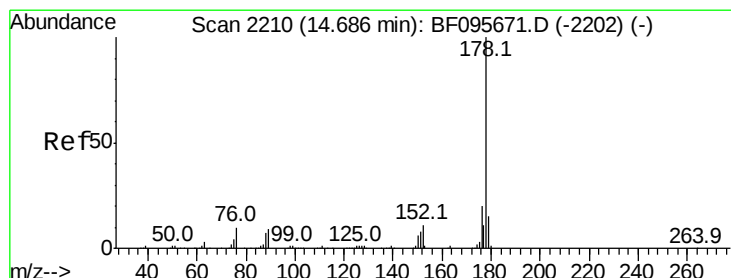
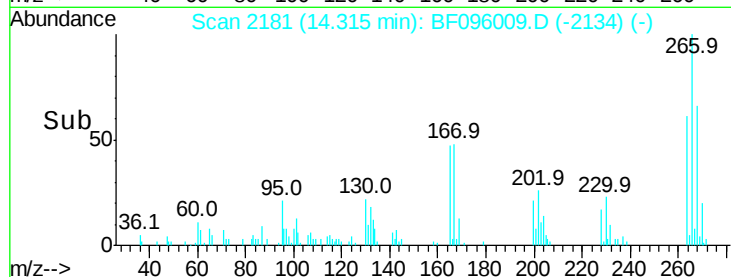
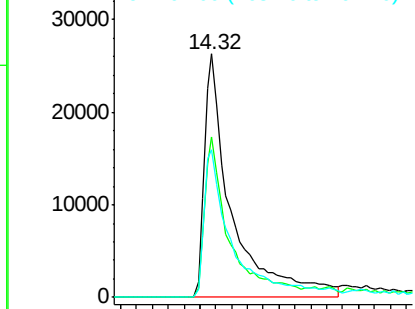
#69
 Pentachlorophenol
 Concen: 80.14 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 63149
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 60.8 51.7 77.5

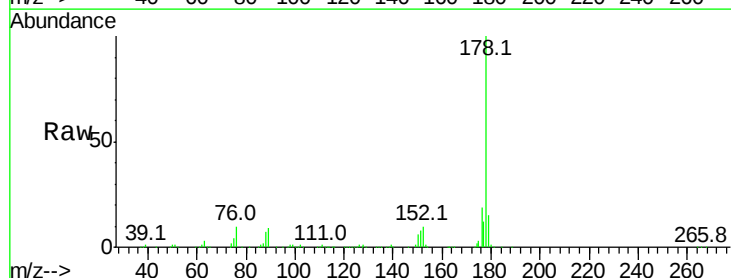


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

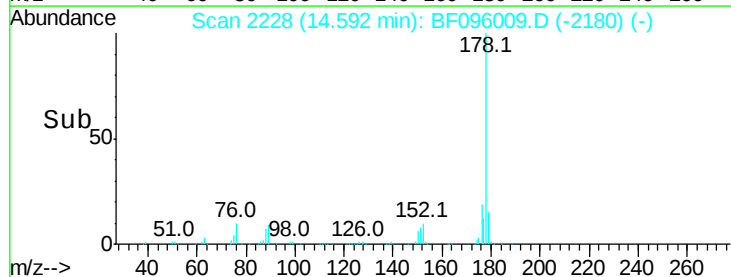
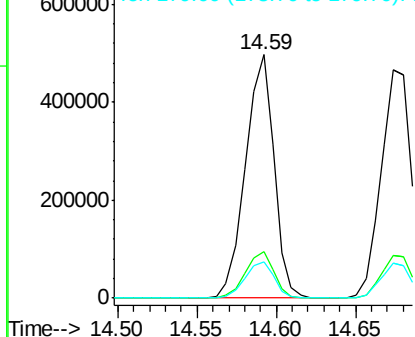


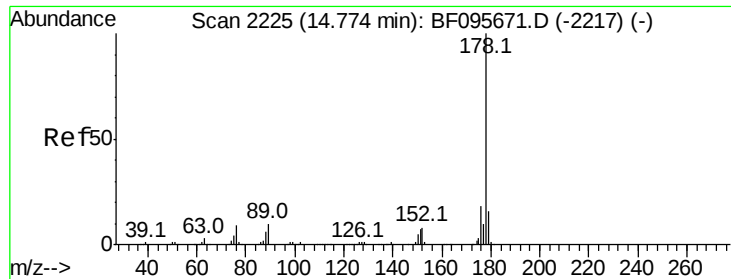
#70
 Phenanthrene
 Concen: 53.14 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:178 Resp: 622135
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 14.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

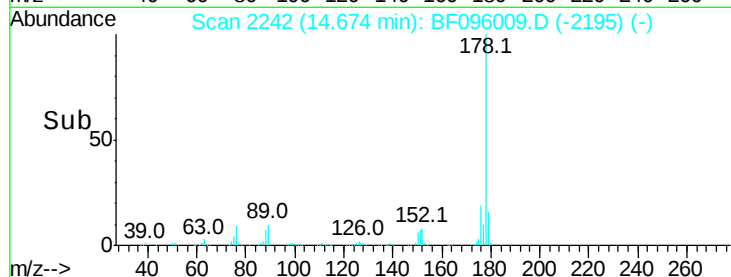
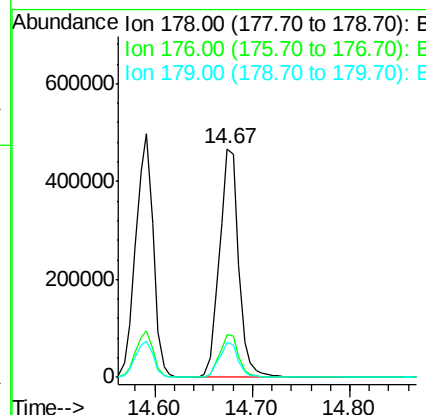
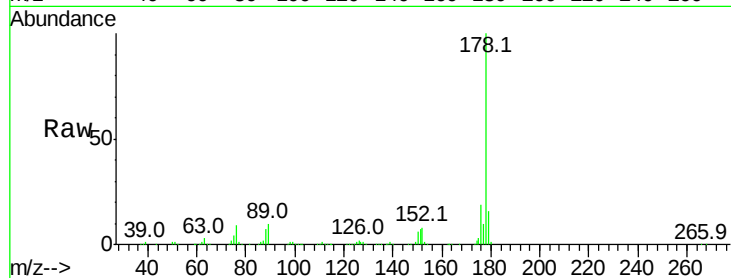




#71
 Anthracene
 Concen: 52.47 ng
 RT: 14.67 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

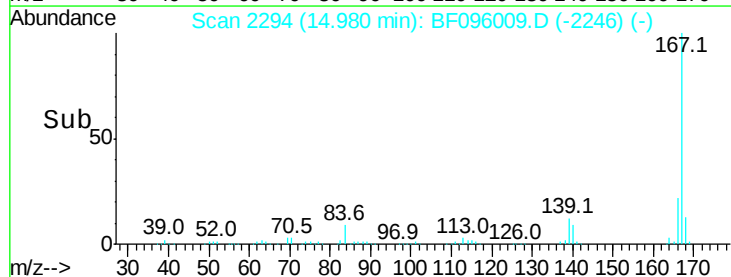
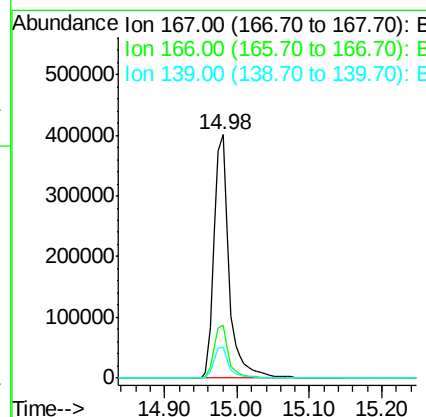
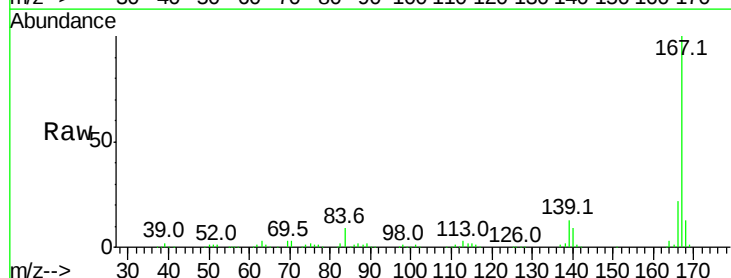
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 641286
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 48.84 ng
 RT: 14.98 min Scan# 2294
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:167 Resp: 581767
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.6 11.7 17.5

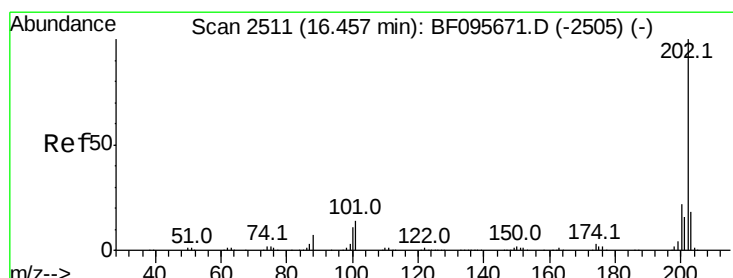
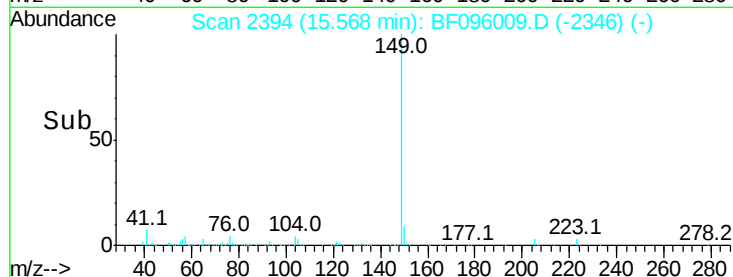
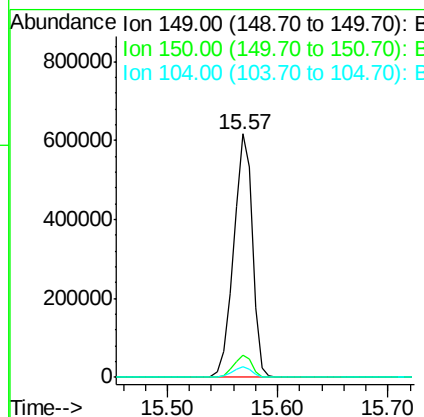
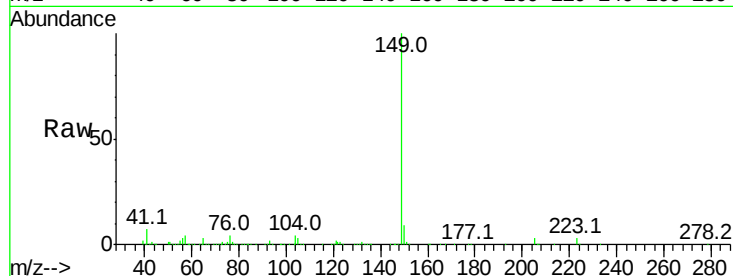




#73
Di-n-butylphthalate
Concen: 58.07 ng
RT: 15.57 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

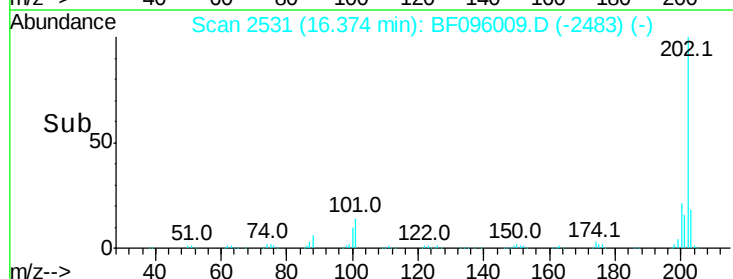
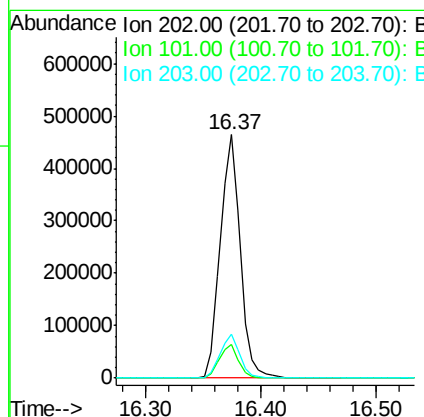
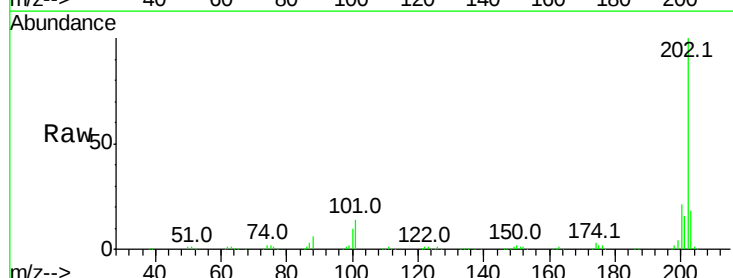
Instrument :
BNA_F
ClientSampleId :

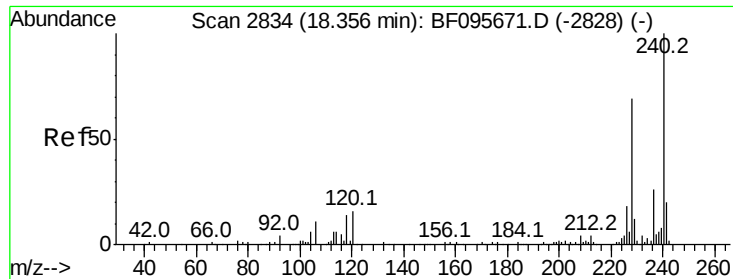
Tot Ion:149 Resp: 735862
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 48.21 ng
RT: 16.37 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:202 Resp: 558573
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

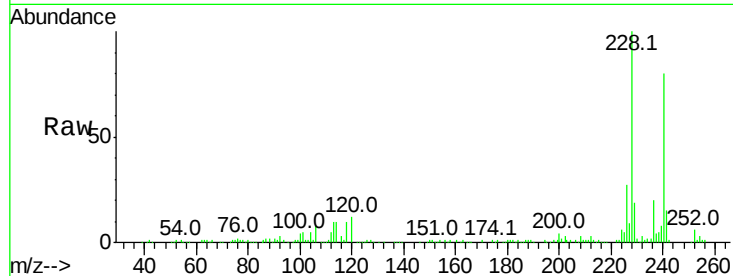
Tot Ion:240 Resp: 120142

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

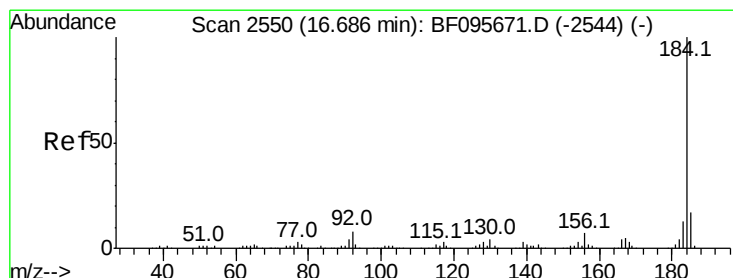
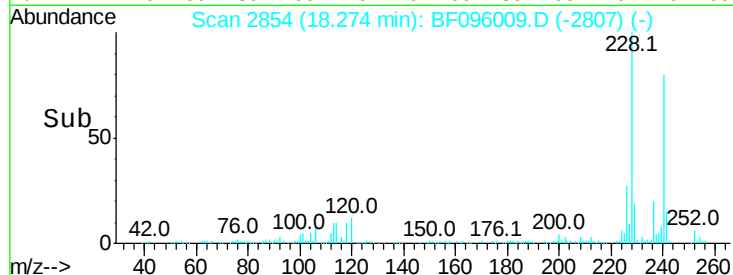
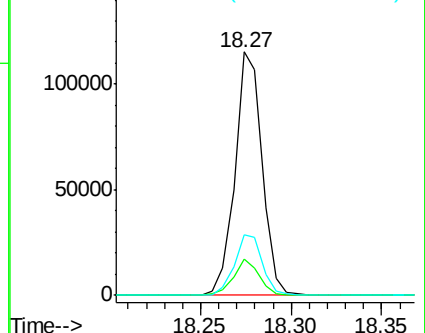
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.08 ng

RT: 16.61 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

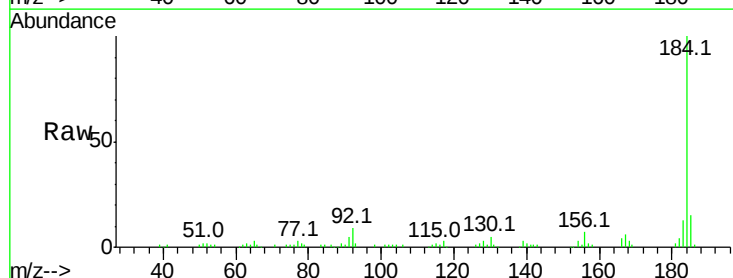
Tgt Ion:184 Resp: 138804

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

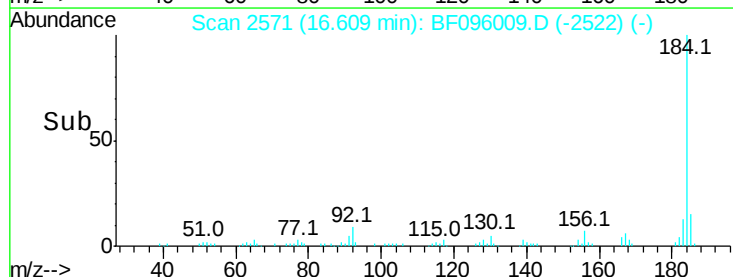
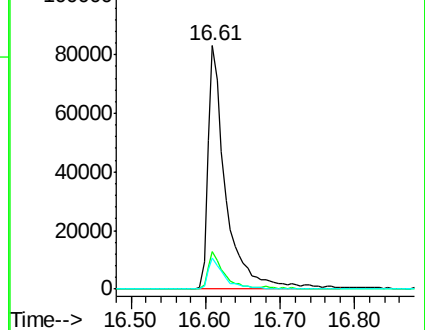
183 12.8 9.8 14.6

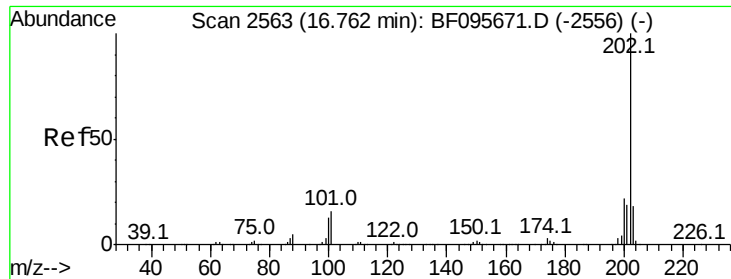


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

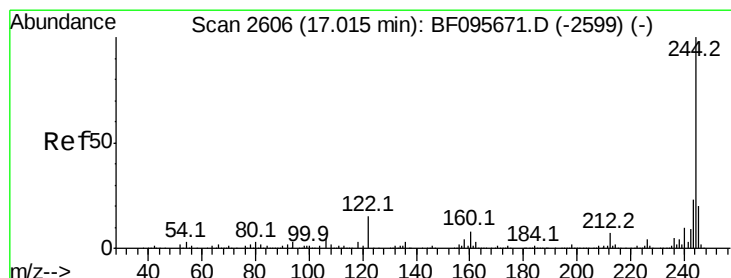
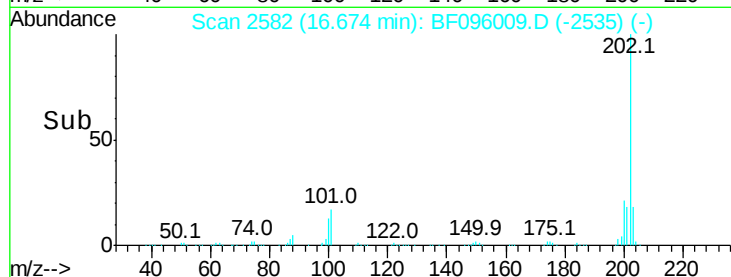
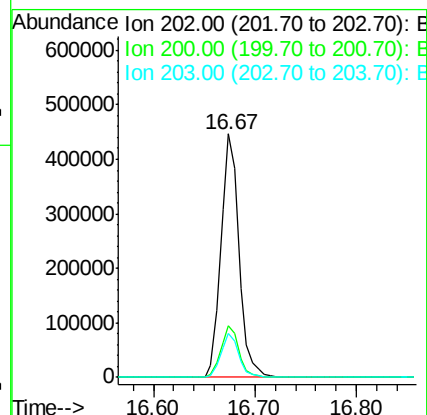
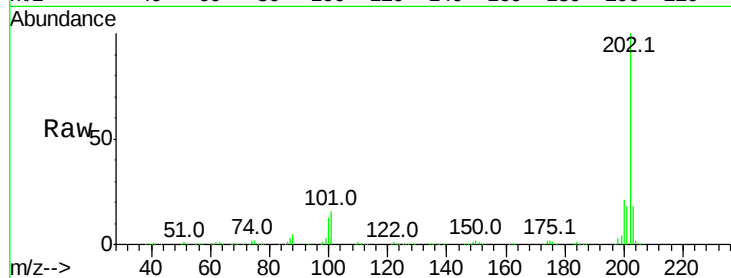




#77
Pvrene
Concen: 61.54 ng
RT: 16.67 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

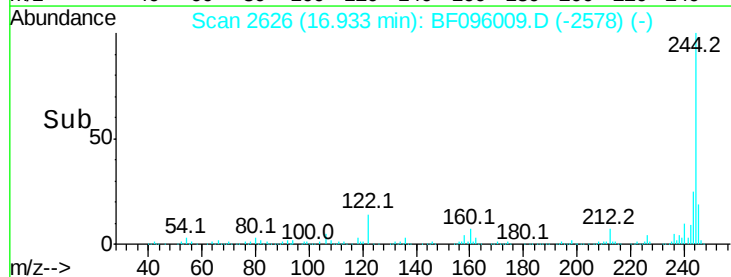
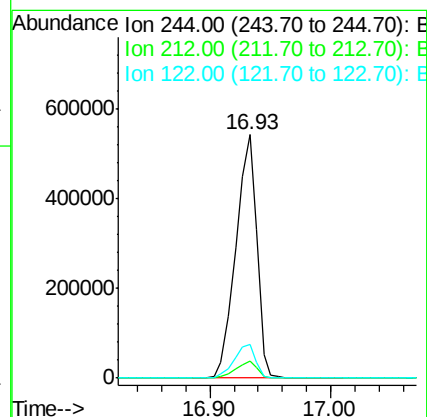
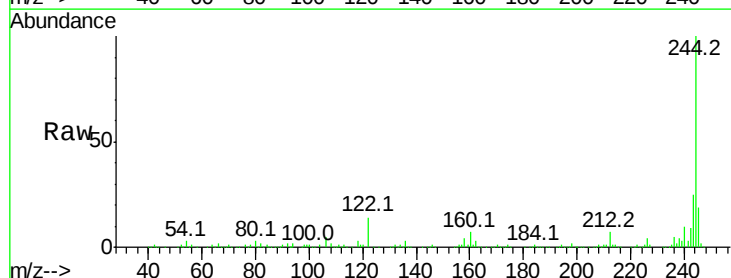
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 551669
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 18.2 14.4 21.6



#78
Terphenyl-d14
Concen: 135.65 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:244 Resp: 656667
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 13.6 10.3 15.5

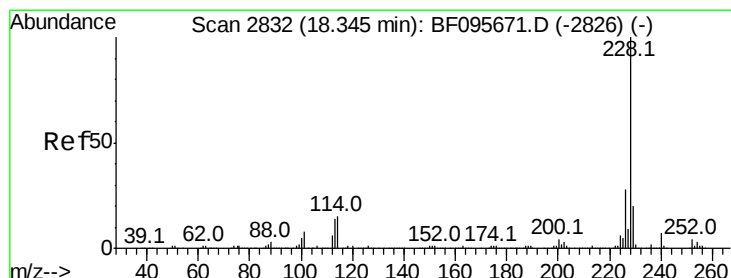
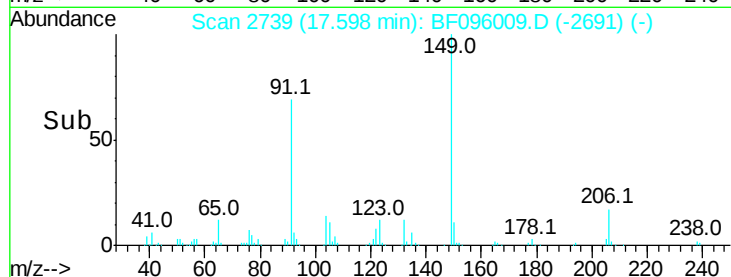
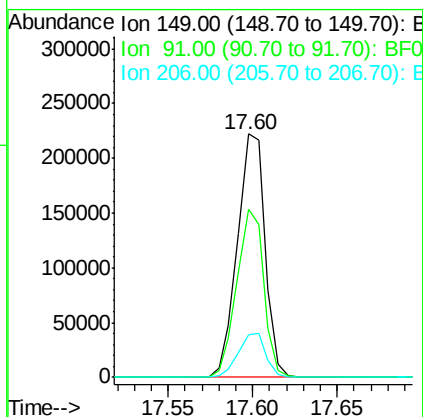
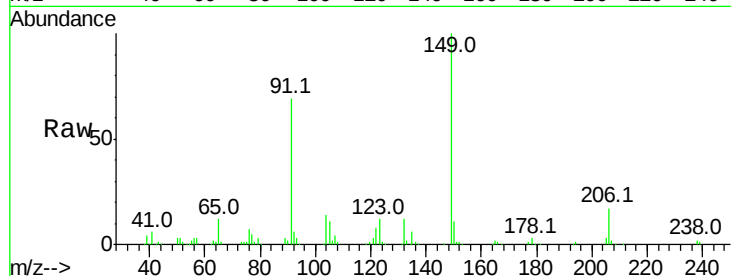




#79
Butylbenzylphthalate
Concen: 64.97 ng
RT: 17.60 min Scan# 2739
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

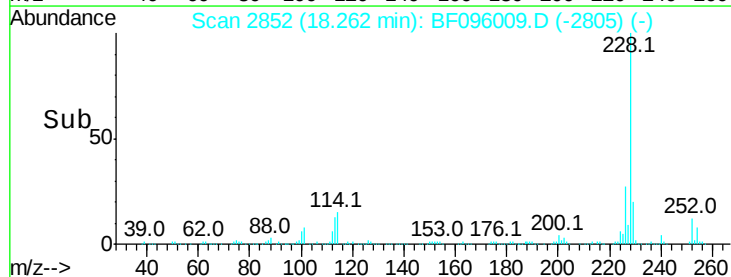
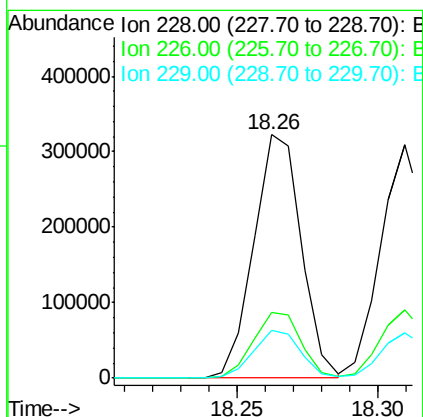
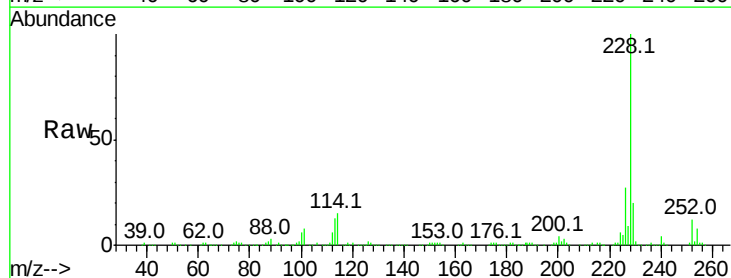
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 254346
Ion Ratio Lower Upper
149 100
91 69.2 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 53.93 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:228 Resp: 376694
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.8 16.3 24.5

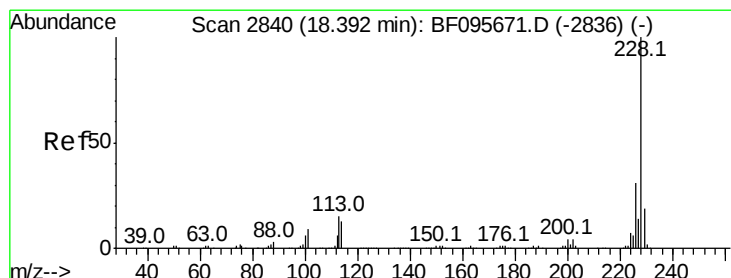
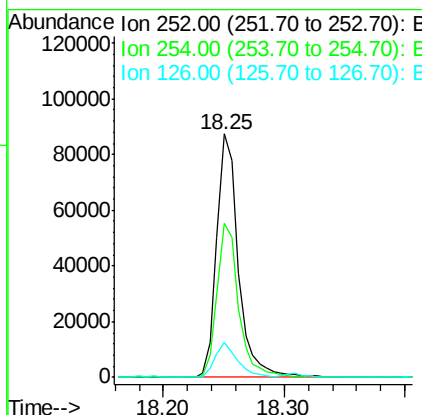
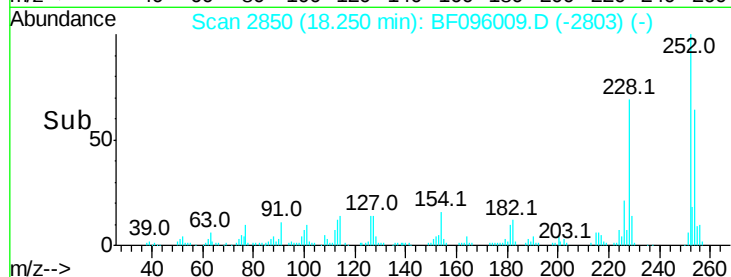
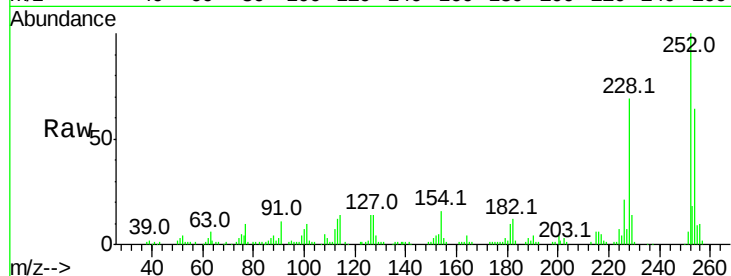




#81
 3,3'-Dichlorobenzidine
 Concen: 43.34 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

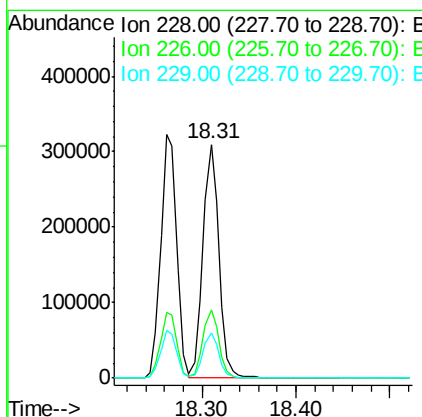
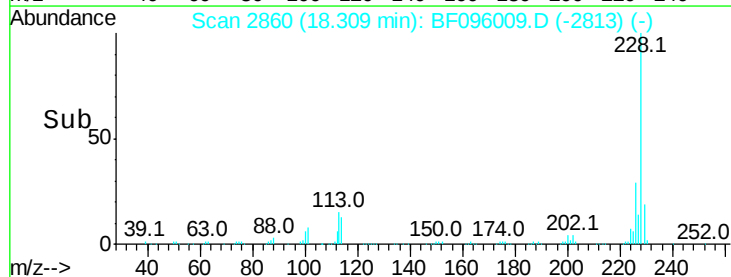
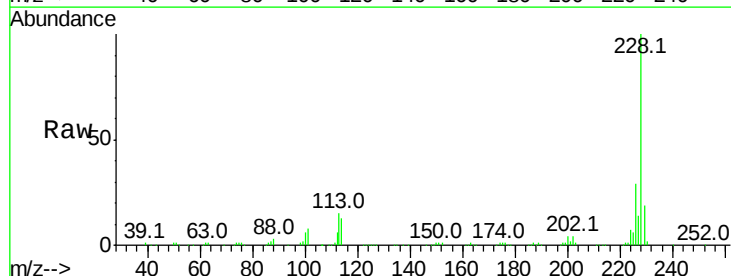
Instrument :
 BNA_F
 ClientSampled :

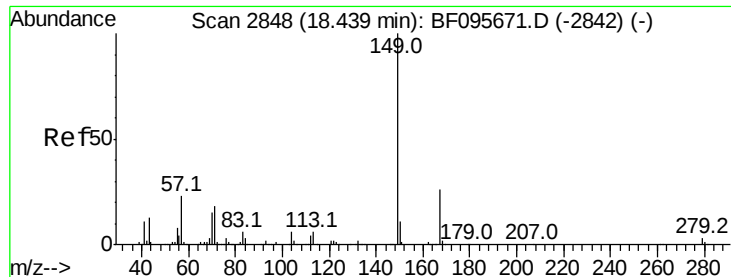
Tot Ion:252 Resp: 107643
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.5 77.3
 126 14.4 15.8 23.8#



#82
 Chrysene
 Concen: 53.03 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:228 Resp: 370201
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.9 37.3
 229 19.3 15.8 23.6

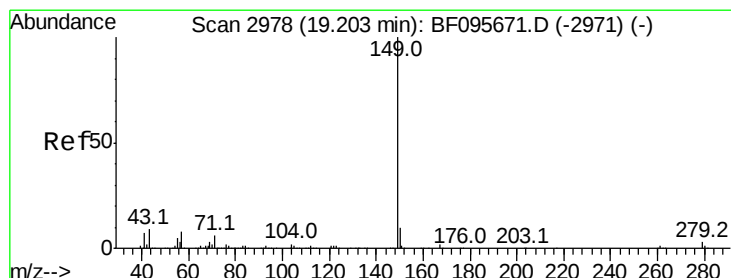
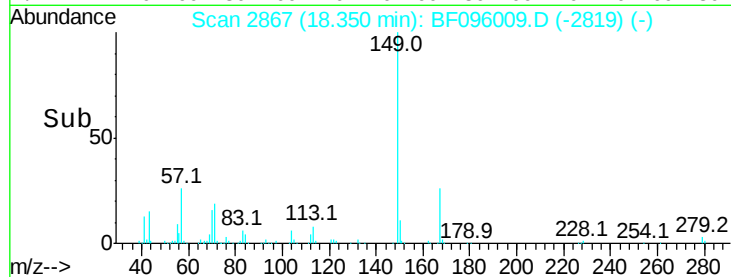
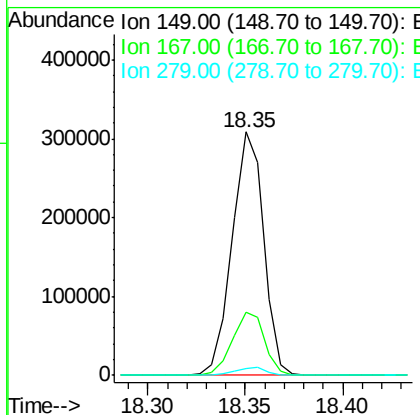
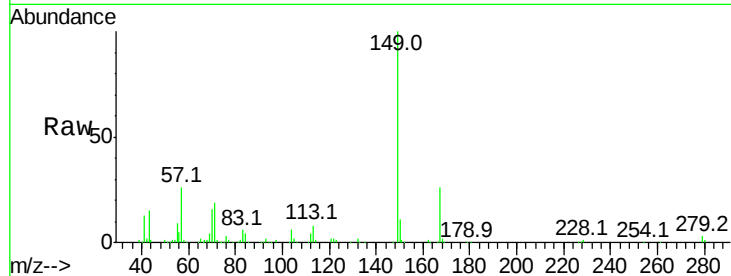




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.64 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

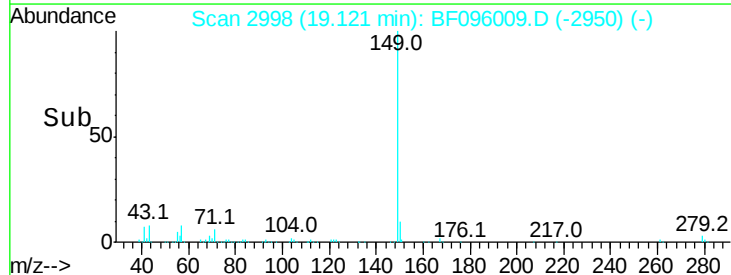
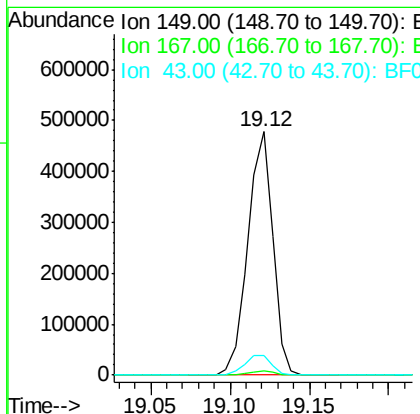
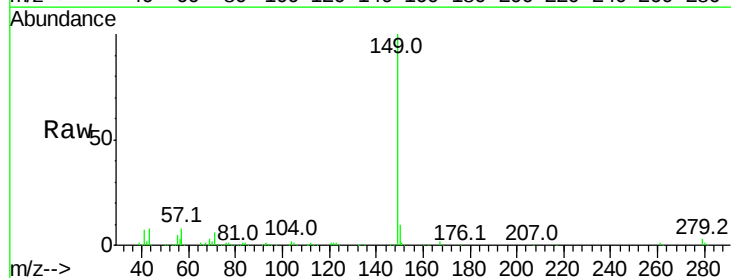
Instrument :
 BNA_F
 ClientSampleId :

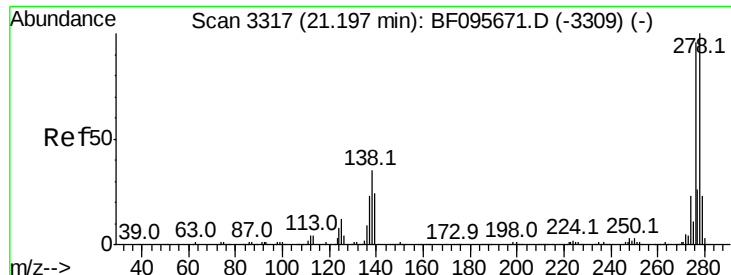
Tot Ion:149 Resp: 345910
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 57.56 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BF096009.D
 Acq: 19 Jun 2017 16:45

Tgt Ion:149 Resp: 523796
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.7 8.5 12.7

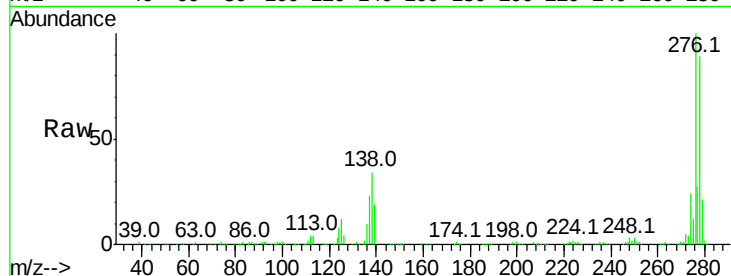




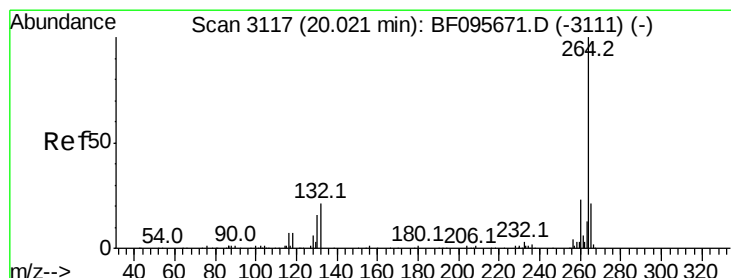
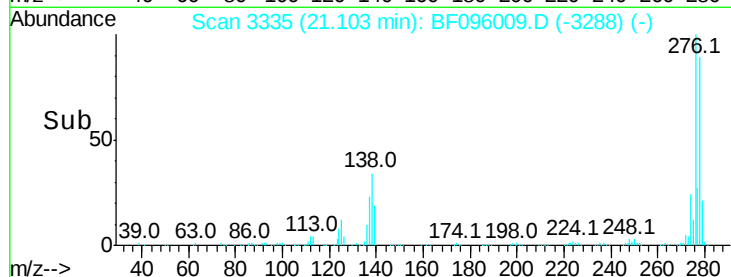
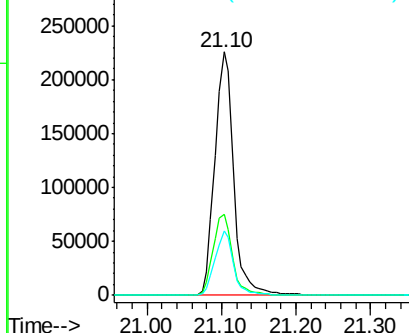
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.06 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 394560
Ion Ratio Lower Upper
276 100
138 34.4 27.8 41.6
277 25.9 20.2 30.4

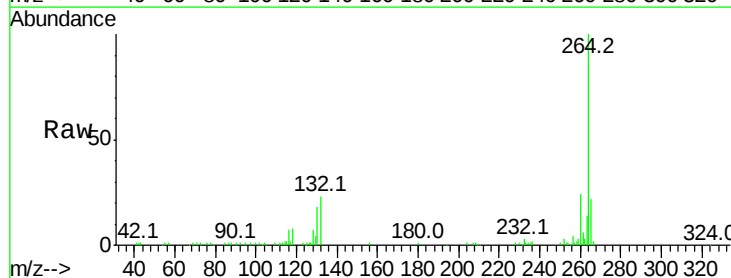


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

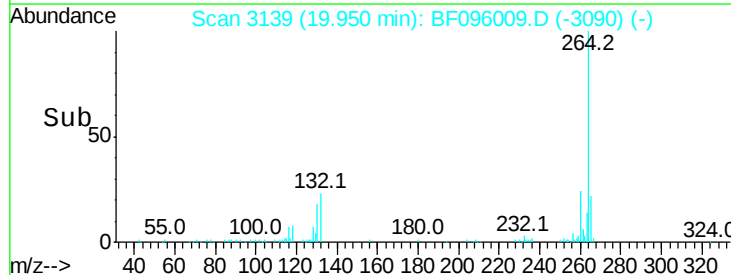
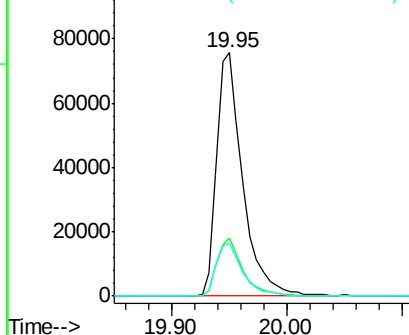


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.95 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:264 Resp: 117849
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.7 17.2 25.8



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

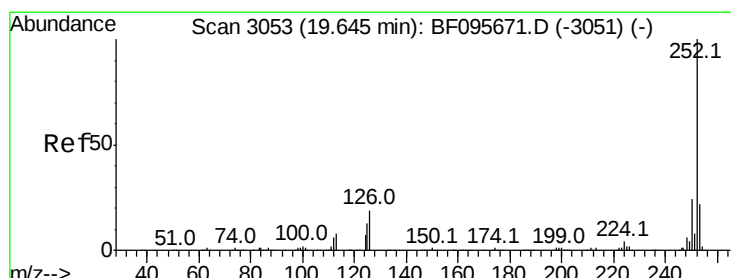
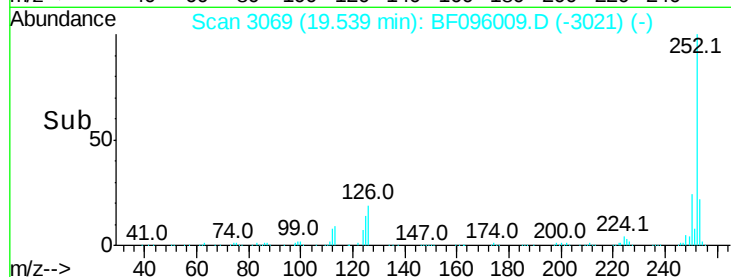
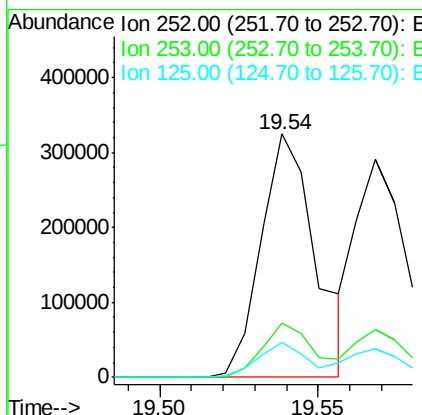
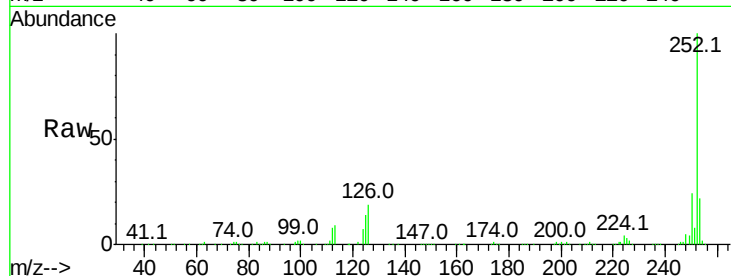




#87
Benzo(b)fluoranthene
Concen: 52.59 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

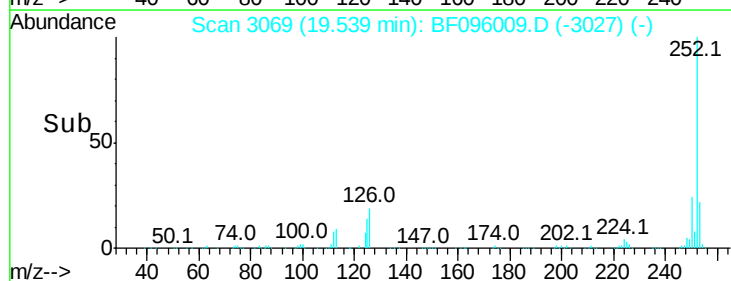
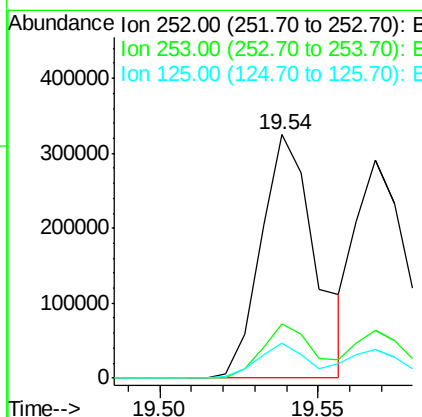
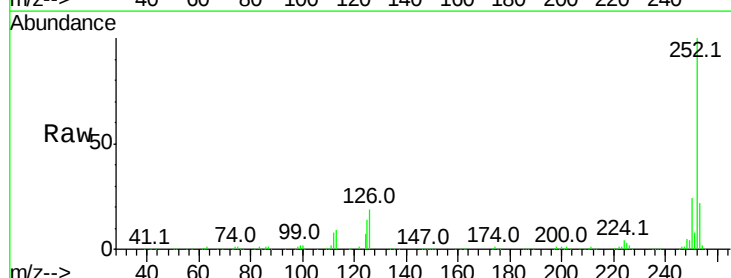
Instrument :
BNA_F
ClientSampleId :

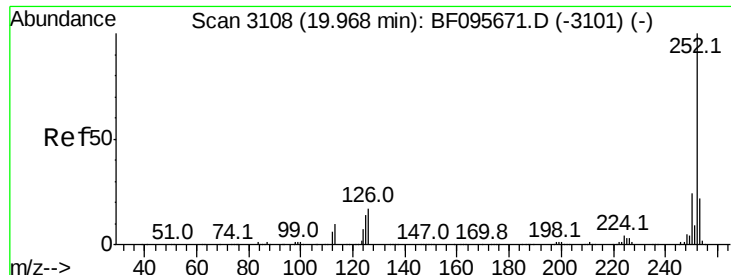
Tot Ion:252 Resp: 388082
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 14.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 55.02 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.05 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:252 Resp: 388082
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 14.3 13.1 19.7

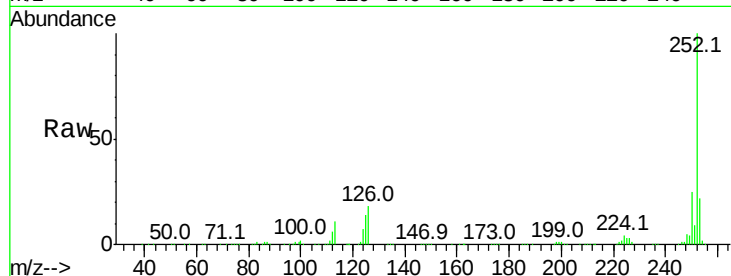




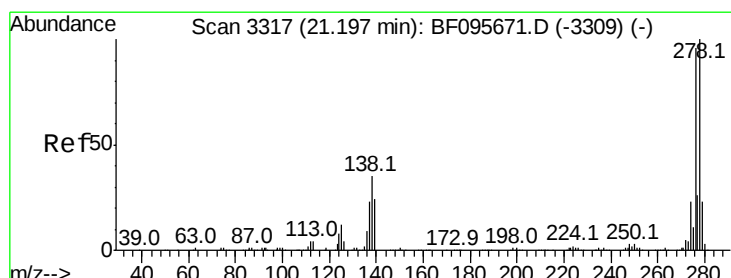
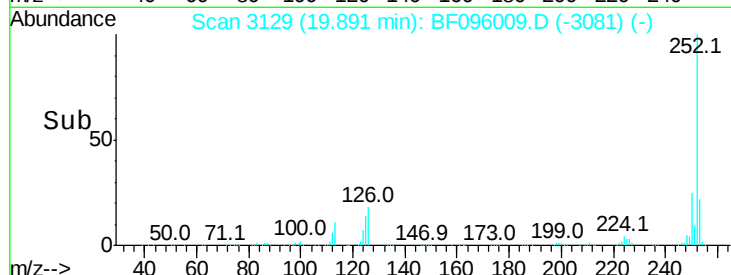
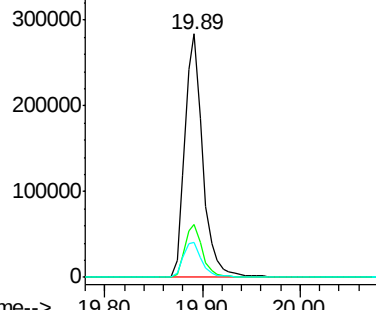
#89
Benzo(a)pyrene
Concen: 53.70 ng
RT: 19.89 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 364217
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 14.2 11.0 16.4

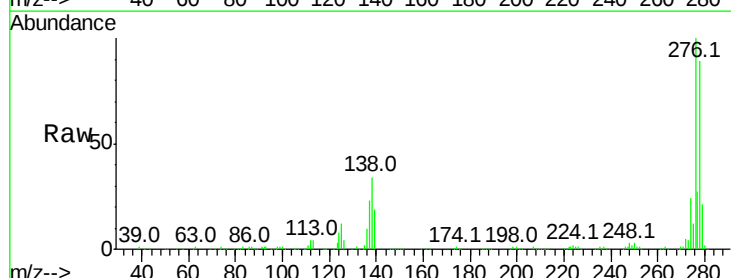


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

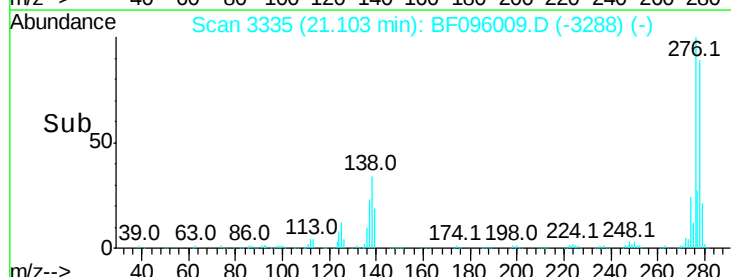
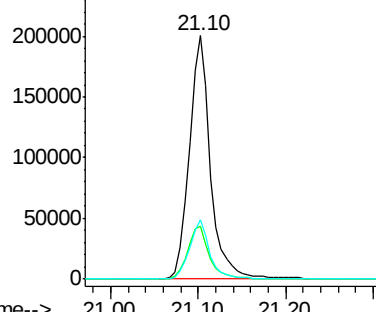


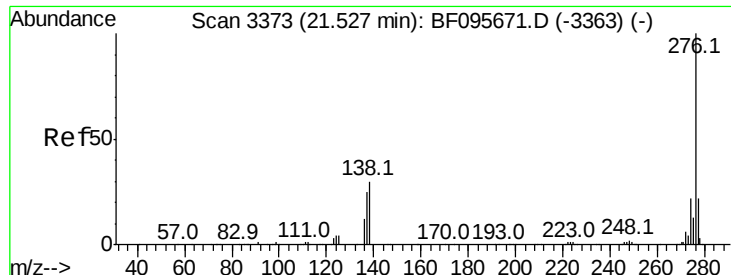
#90
Dibenzo(a,h)anthracene
Concen: 58.19 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096009.D
Acq: 19 Jun 2017 16:45

Tgt Ion:278 Resp: 334776
Ion Ratio Lower Upper
278 100
139 21.5 16.6 24.8
279 24.1 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 57.33 ng

RT: 21.43 min Scan# 3390

Delta R.T. -0.02 min

Lab File: BF096009.D

Acq: 19 Jun 2017 16:45

Instrument :

BNA_F

ClientSampleId :

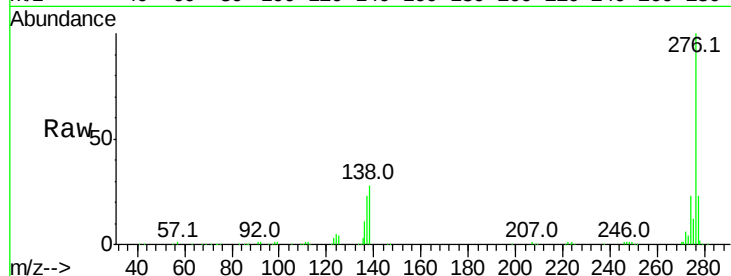
Tot Ion:276 Resp: 336266

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.0 25.4 38.0



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

