

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097202.D
 Acq On : 31 Jul 2017 12:39
 Operator : SJ/JU
 Sample : PB101036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Quant Time: Jul 31 15:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	100616	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	496621	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	203837	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	326644	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	169158	20.00	ng	-0.01
86) Perylene-d12	14.96	264	174177	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	588796	88.22	ng	-0.01
7) Phenol-d6	6.15	99	745505	97.84	ng	-0.02
23) Nitrobenzene-d5	7.05	82	650981	76.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	142781	88.66	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	1168137	97.26	ng	-0.02
78) Terphenyl-d14	12.57	244	729998	87.99	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	110781	39.774	ng	# 78
3) Pyridine	2.70	79	348142	40.819	ng	# 63
4) n-Nitrosodimethylamine	2.63	42	213148	45.111	ng	# 80
6) Aniline	6.15	93	387826	40.447	ng	90
8) 2-Chlorophenol	6.27	128	312829	43.833	ng	97
9) Benzaldehyde	6.02	77	235849	52.293	ng	97
10) Phenol	6.16	94	443373	49.056	ng	97
11) bis(2-Chloroethyl)ether	6.23	93	352409	49.300	ng	93
12) 1,3-Dichlorobenzene	6.42	146	326044	42.392	ng	98
13) 1,4-Dichlorobenzene	6.50	146	324044	42.514	ng	95
14) 1,2-Dichlorobenzene	6.65	146	287567	43.210	ng	98
15) Benzyl Alcohol	6.65	79	236826	49.091	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	612796	42.741	ng	69
17) 2-Methylphenol	6.77	107	242422	44.012	ng	# 88
18) Hexachloroethane	6.99	117	120230	43.117	ng	# 78
19) n-Nitroso-di-n-propylamine	6.92	70	221506	44.165	ng	# 85
20) 3+4-Methylphenols	6.93	107	348562	48.452	ng	# 64
22) Acetophenone	6.90	105	438824	36.795	ng	98
24) Nitrobenzene	7.07	77	328163	37.221	ng	95
25) Isophorone	7.32	82	695915	41.977	ng	98
26) 2-Nitrophenol	7.39	139	205618	43.107	ng	# 83
27) 2,4-Dimethylphenol	7.45	122	334631	42.528	ng	98
28) bis(2-Chloroethoxy)methane	7.53	93	489416	45.237	ng	99
29) 2,4-Dichlorophenol	7.64	162	310492	45.805	ng	93
30) 1,2,4-Trichlorobenzene	7.71	180	280494	43.412	ng	96
31) Naphthalene	7.79	128	1042336	44.525	ng	100
32) Benzoic acid	7.63	122	195383	33.254	ng	95
33) 4-Chloroaniline	7.85	127	337288	35.409	ng	99
34) Hexachlorobutadiene	7.91	225	141169	41.213	ng	98
36) 4-Chloro-3-methylphenol	8.35	107	319344	43.182	ng	# 85
37) 2-Methylnaphthalene	8.48	142	685344	46.238	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	246212	45.269	ng	98
40) Hexachlorocyclopentadiene	8.63	237	67699	39.254	ng	99
42) 2,4,6-Trichlorophenol	8.77	196	177999	45.161	ng	98

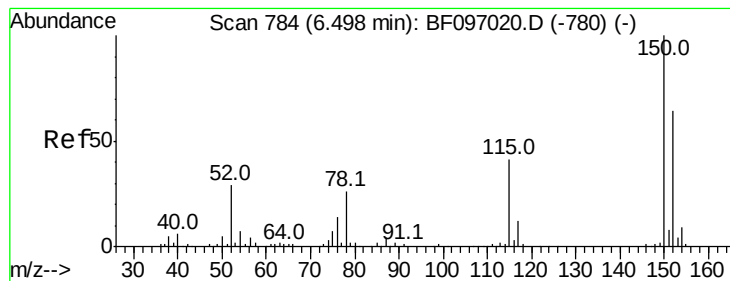
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097202.D
 Acq On : 31 Jul 2017 12:39
 Operator : SJ/JU
 Sample : PB101036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Quant Time: Jul 31 15:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.82	196	186162	47.189	nq	99
45) 1,1'-Biphenyl	8.95	154	754543	43.338	nq	96
46) 2-Chloronaphthalene	8.96	162	588349	45.921	nq	# 92
47) 2-Nitroaniline	9.07	65	230838	49.646	nq	94
48) Acenaphthylene	9.37	152	862032	43.834	nq	99
49) Dimethylphthalate	9.26	163	713349	46.085	nq	99
50) 2,6-Dinitrotoluene	9.32	165	149341	45.489	nq	# 78
51) Acenaphthene	9.55	154	518724	44.780	nq	99
52) 3-Nitroaniline	9.48	138	158533	38.904	nq	99
53) 2,4-Dinitrophenol	9.60	184	112021	75.045	nq	# 77
54) Dibenzofuran	9.72	168	724511	46.957	nq	99
55) 4-Nitrophenol	9.68	139	196741	81.186	nq	# 58
56) 2,4-Dinitrotoluene	9.72	165	169989	45.041	nq	# 48
57) Fluorene	10.06	166	529720	45.679	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	135809	49.858	nq	96
59) Diethylphthalate	9.95	149	648297	45.651	nq	98
60) 4-Chlorophenyl-phenylether	10.06	204	225212	47.030	nq	95
61) 4-Nitroaniline	10.10	138	152469	39.377	nq	91
62) Azobenzene	10.22	77	676792	51.373	nq	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	82229	40.512	nq	86
65) n-Nitrosodiphenylamine	10.18	169	518389	45.612	nq	97
66) 4-Bromophenyl-phenylether	10.54	248	150136	46.057	nq	93
67) Hexachlorobenzene	10.61	284	153738	42.056	nq	# 87
68) Atrazine	10.72	200	144399	44.308	nq	93
69) Pentachlorophenol	10.81	266	124687	82.438	nq	99
70) Phenanthrene	11.02	178	783374	44.760	nq	99
71) Anthracene	11.07	178	814436	45.434	nq	98
72) Carbazole	11.23	167	731910	41.517	nq	99
73) Di-n-butylphthalate	11.57	149	934623	42.889	nq	99
74) Fluoranthene	12.19	202	694614	40.513	nq	97
76) Benzidine	12.33	184	268011	42.700	nq	98
77) Pyrene	12.42	202	693131	50.051	nq	99
79) Butylbenzylphthalate	13.05	149	334679	47.510	nq	# 76
80) Benzo(a)anthracene	13.60	228	502557	45.916	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	172663	41.832	nq	# 97
82) Chrysene	13.64	228	486669	45.536	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	409162	44.486	nq	100
84) Di-n-octyl phthalate	14.23	149	754845	44.722	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.20	276	508152	55.448	nq	99
87) Benzo(b)fluoranthene	14.63	252	447466	42.737	nq	98
88) Benzo(k)fluoranthene	14.60	252	489049	49.017	nq	98
89) Benzo(a)pyrene	14.92	252	481103	50.206	nq	99
90) Dibenzo(a,h)anthracene	16.20	278	414423	52.738	nq	98
91) Benzo(g,h,i)perylene	16.56	276	475394	57.689	nq	99

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

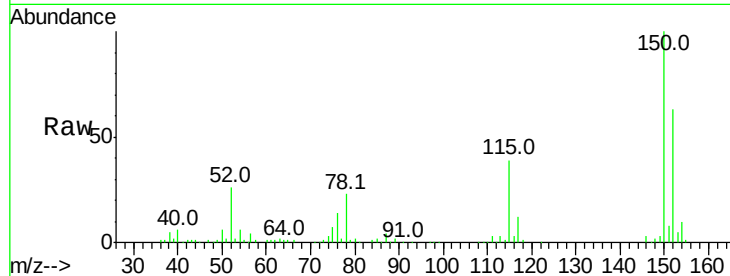


#1

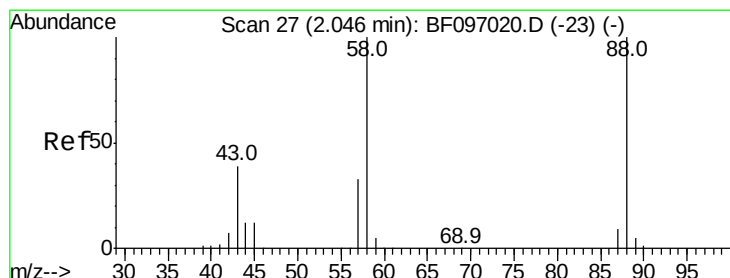
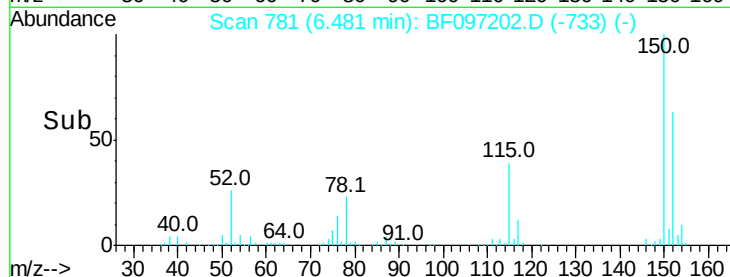
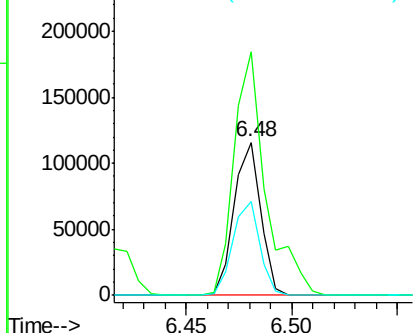
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:152 Resp: 100616
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 61.5 52.2 78.2



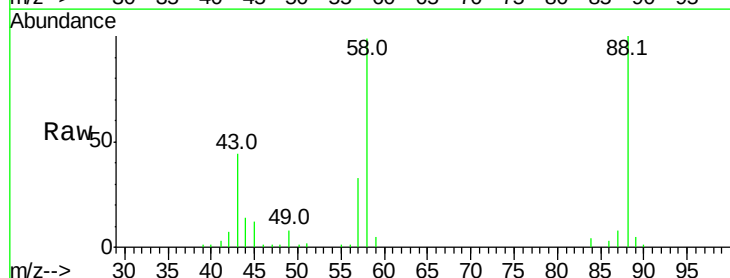
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



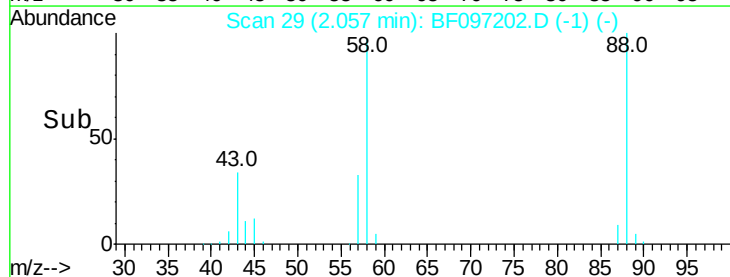
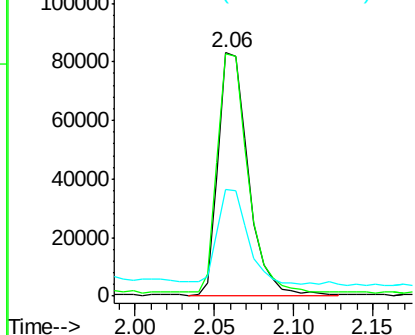
#2

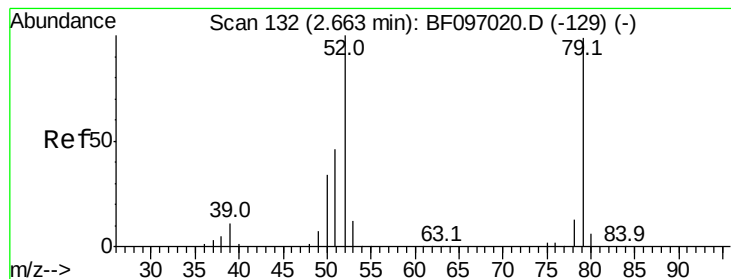
1,4-Dioxane
Concen: 39.774 ng
RT: 2.06 min Scan# 29
Delta R.T. 0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion: 88 Resp: 110781
Ion Ratio Lower Upper
88 100
58 97.5 61.4 92.0#
43 38.1 23.4 35.0#



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





#3

Pvridine

Concen: 40.819 ng

RT: 2.70 min Scan# 138

Delta R.T. 0.04 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

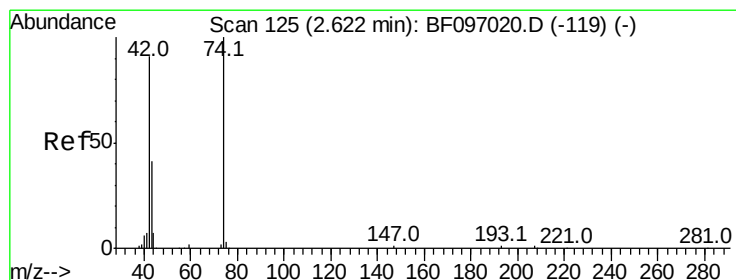
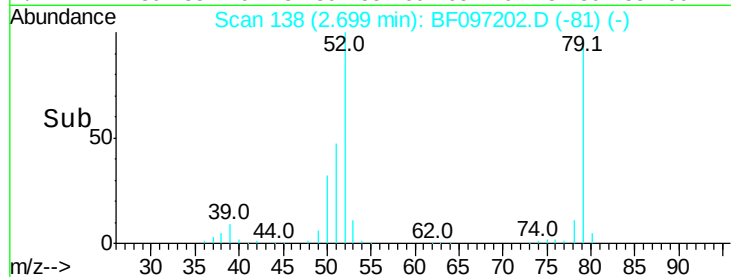
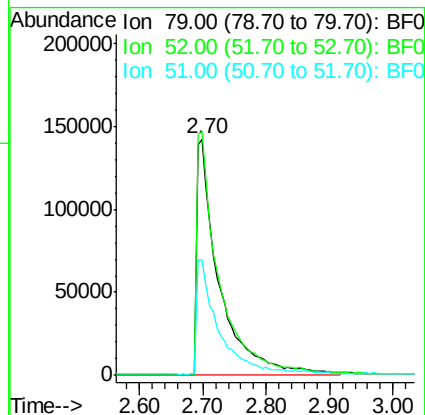
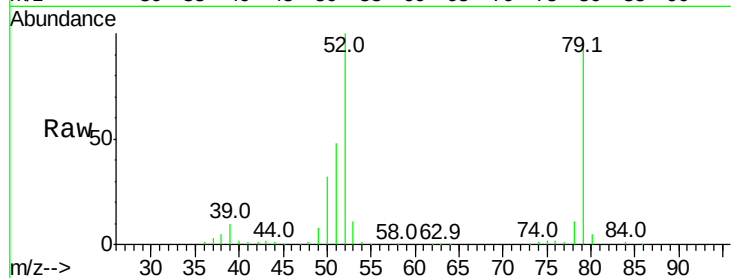
Tot Ion: 79 Resp: 348142

Ion Ratio Lower Upper

79 100

52 102.9 54.8 82.2#

51 49.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 45.111 ng

RT: 2.63 min Scan# 126

Delta R.T. 0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

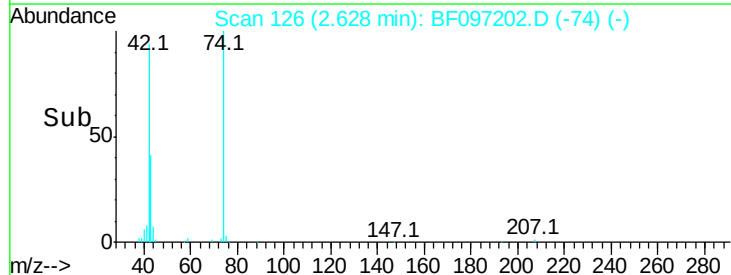
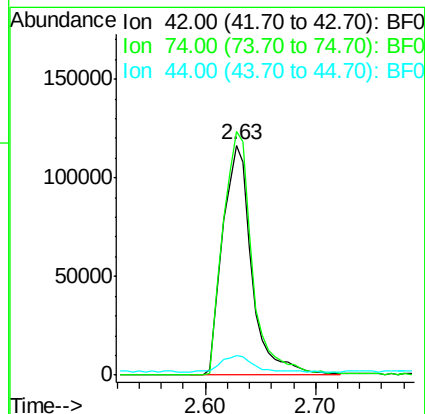
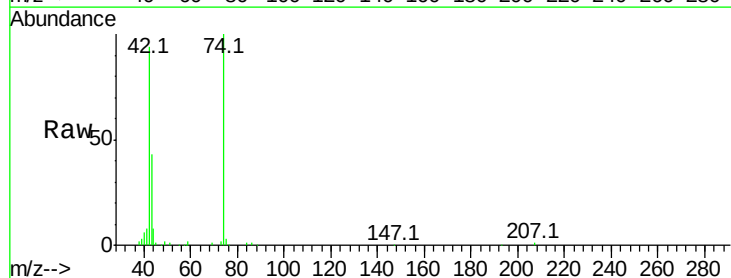
Tgt Ion: 42 Resp: 213148

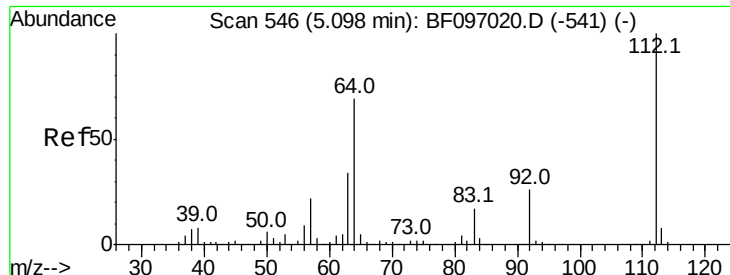
Ion Ratio Lower Upper

42 100

74 106.1 103.9 155.9

44 8.8 5.7 8.5#

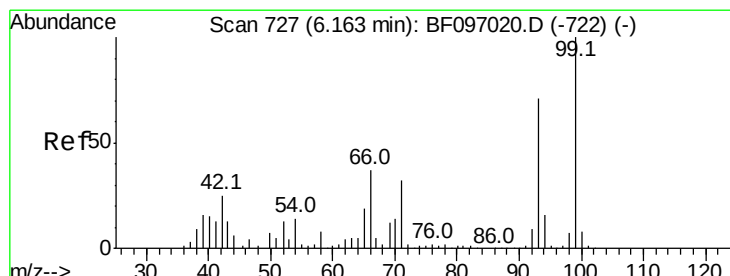
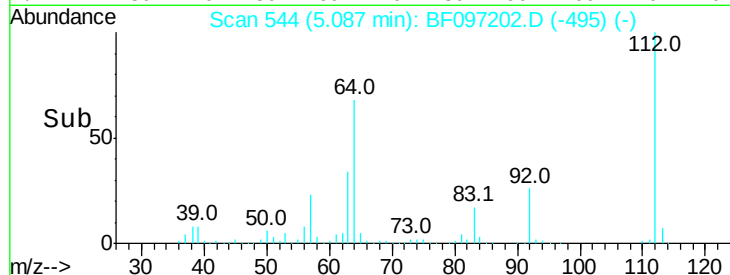
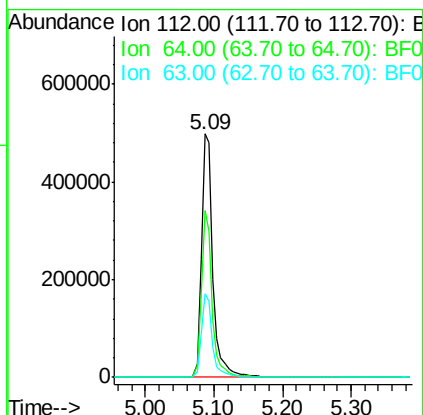
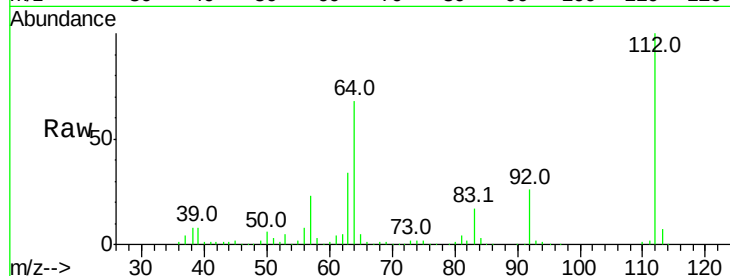




#5
 2-Fluorophenol
 Concen: 88.217 ng
 RT: 5.09 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

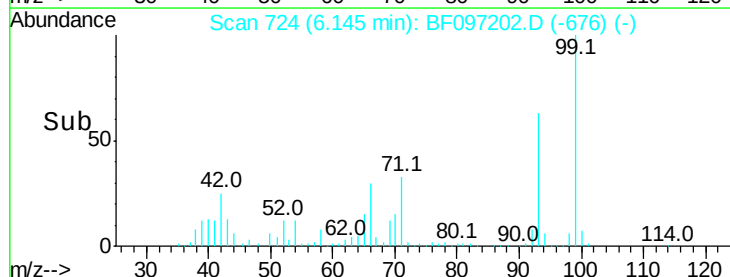
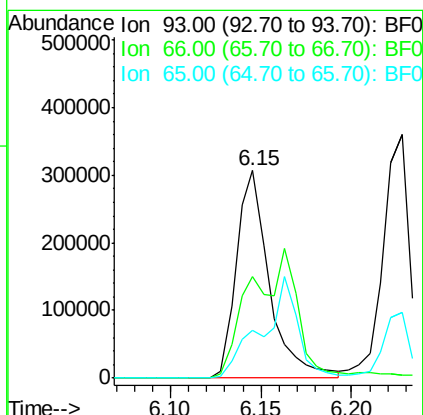
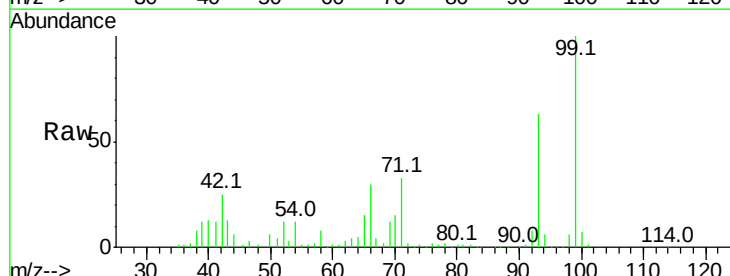
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

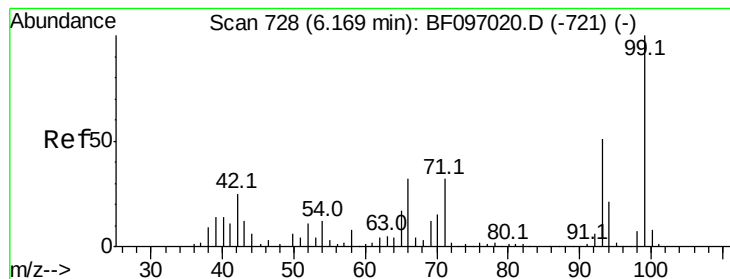
Tot Ion:	112	Resp:	588796
Ion Ratio	Lower	Upper	
112	100		
64	68.3	46.0	69.0
63	34.3	23.4	35.0



#6
 Aniline
 Concen: 40.447 ng
 RT: 6.15 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:	93	Resp:	387826
Ion Ratio	Lower	Upper	
93	100		
66	48.7	32.9	49.3
65	23.2	16.0	24.0





#7

Phenol-d6

Concen: 97.840 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

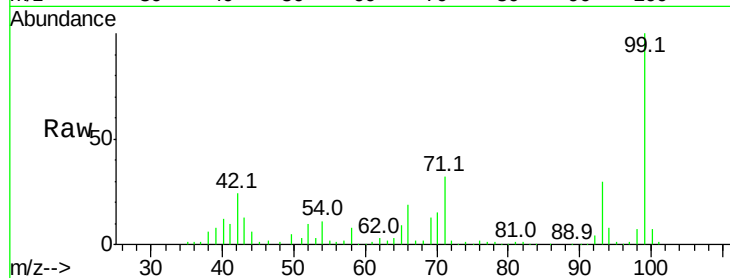
Tot Ion: 99 Resp: 745505

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

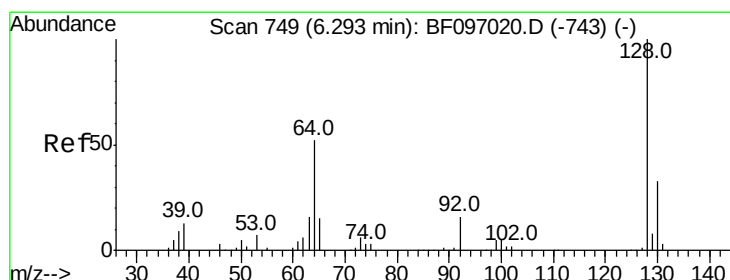
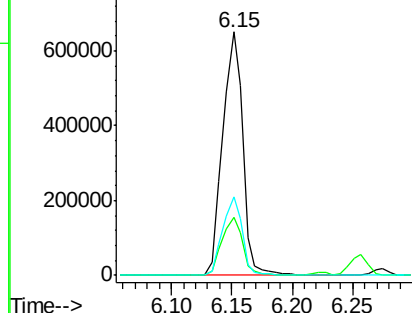
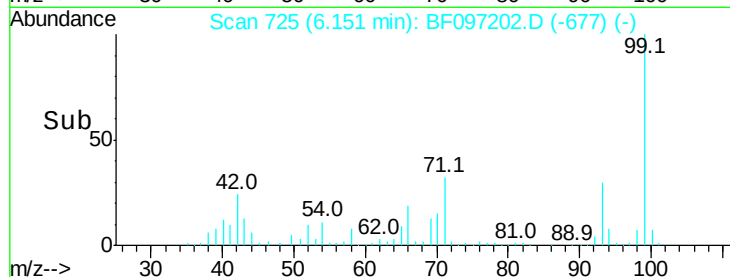
71 32.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.833 ng

RT: 6.27 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

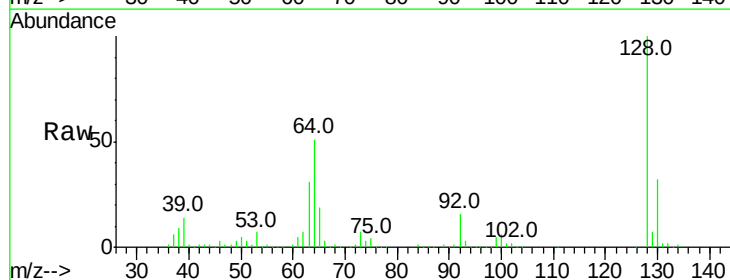
Tgt Ion: 128 Resp: 312829

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

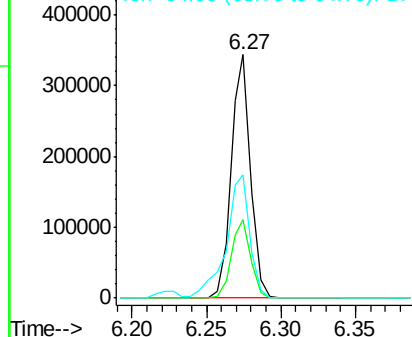
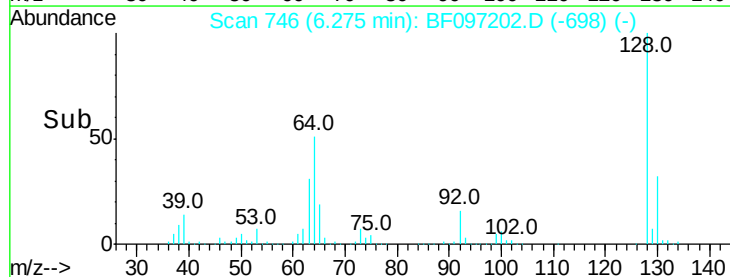
64 50.8 28.4 68.4

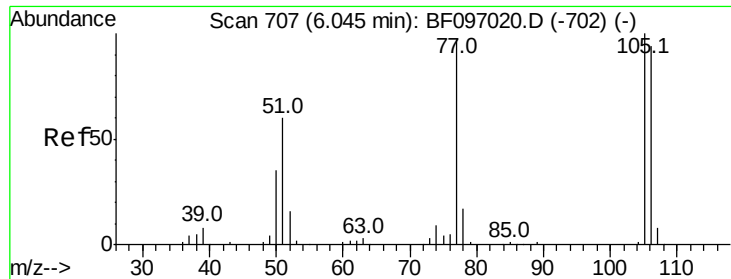


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 52.293 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

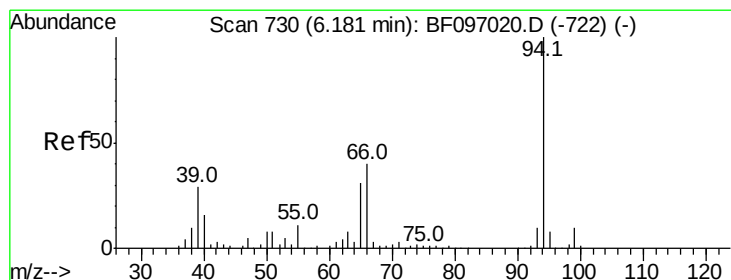
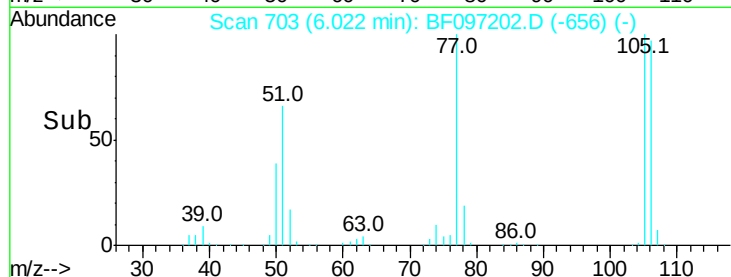
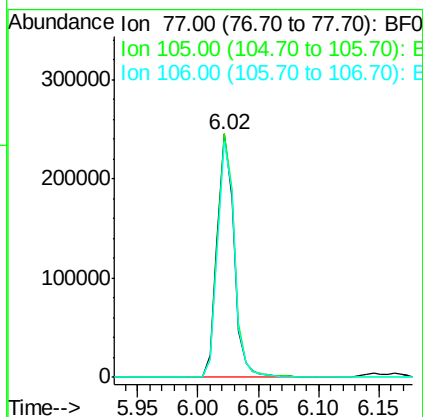
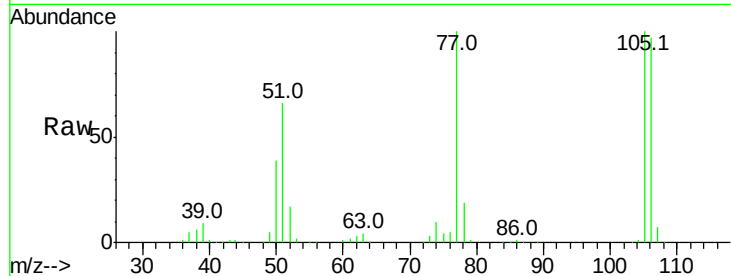
Tot Ion: 77 Resp: 235849

Ion Ratio Lower Upper

77 100

105 100.1 83.8 123.8

106 96.9 79.1 119.1



#10

Phenol

Concen: 49.056 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

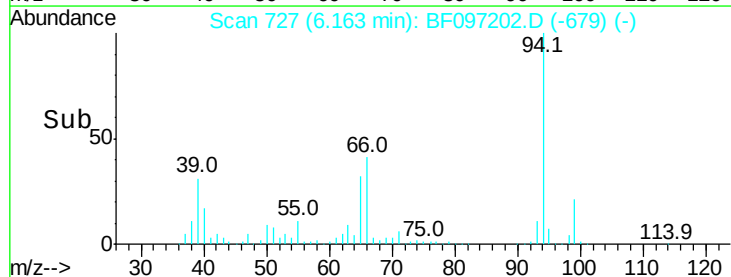
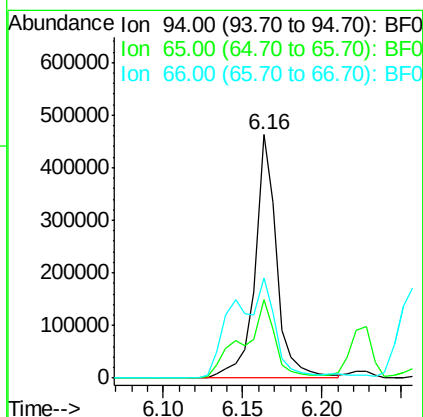
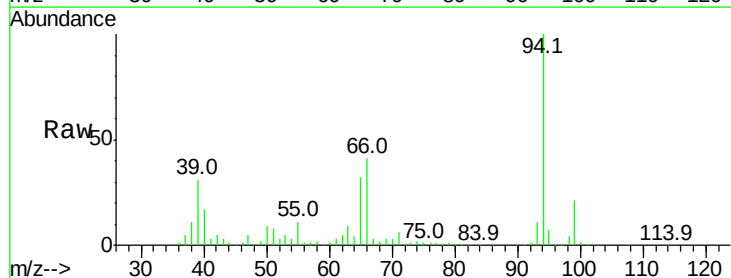
Tgt Ion: 94 Resp: 443373

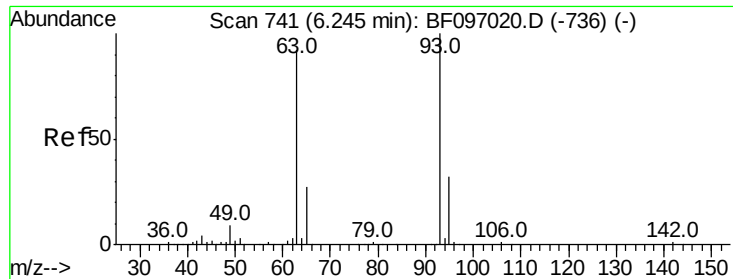
Ion Ratio Lower Upper

94 100

65 32.4 9.9 49.9

66 41.4 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 49.300 ng

RT: 6.23 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

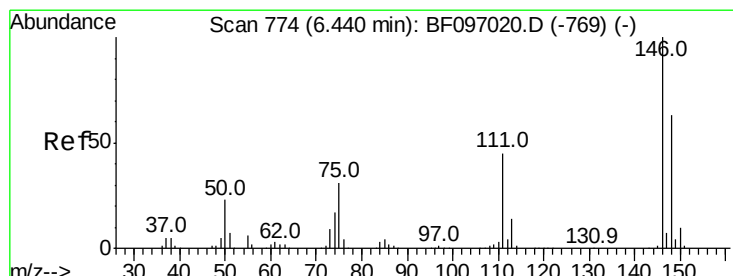
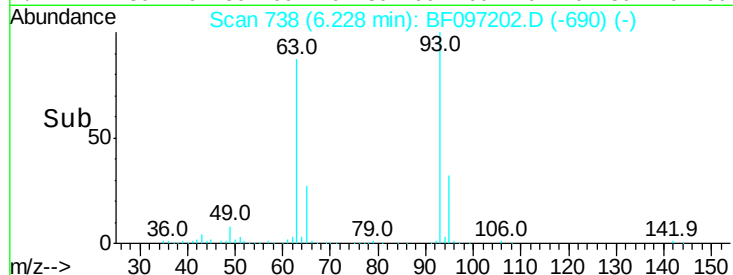
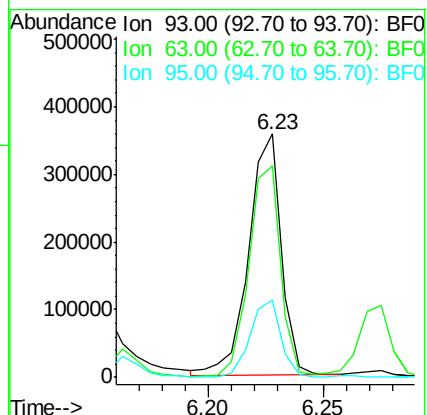
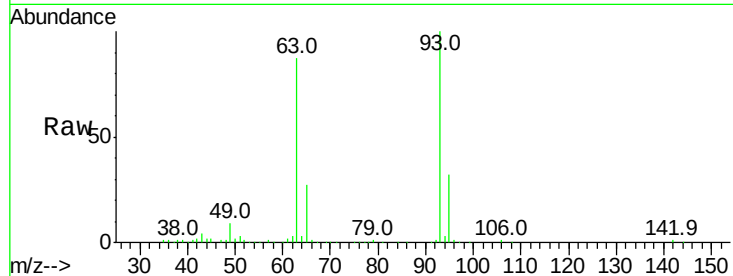
Tot Ion: 93 Resp: 352409

Ion Ratio Lower Upper

93 100

63 86.9 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.392 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

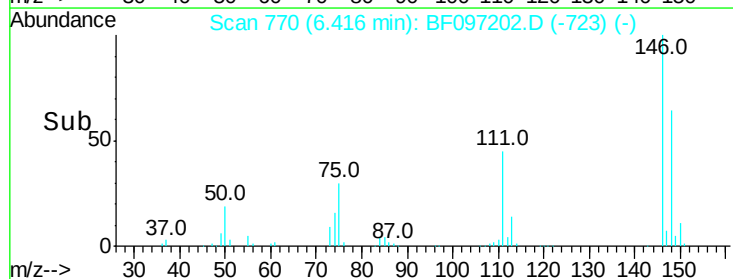
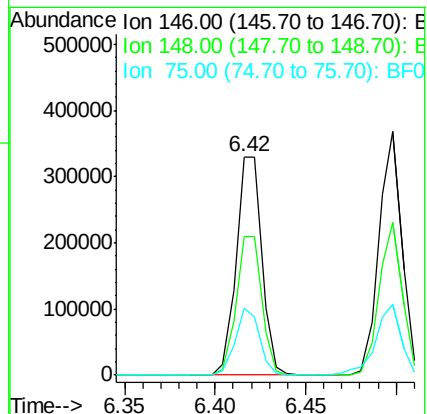
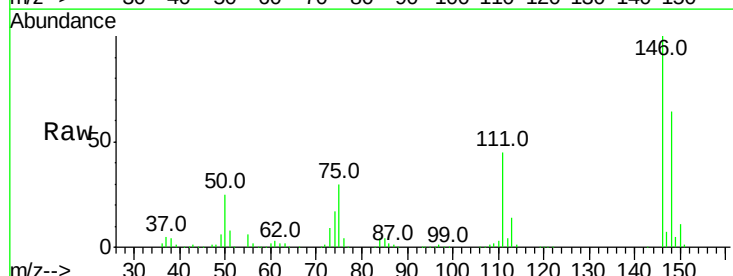
Tgt Ion: 146 Resp: 326044

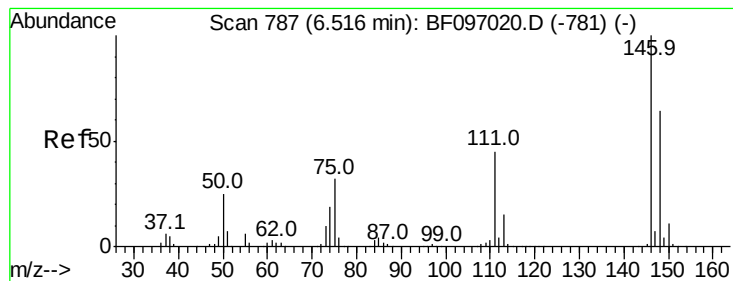
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 30.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.514 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

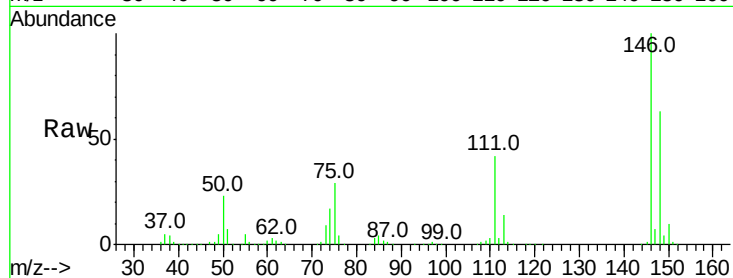
Tot Ion:146 Resp: 324044

Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.2

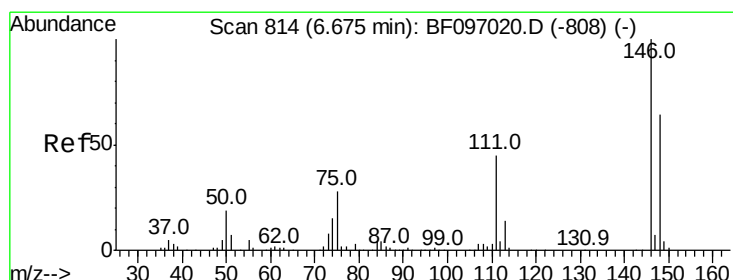
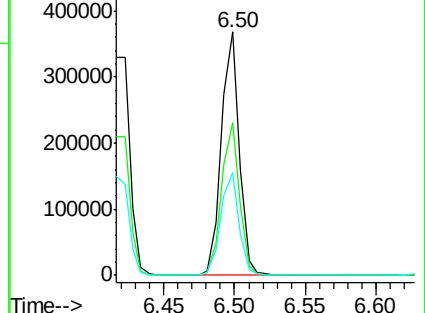
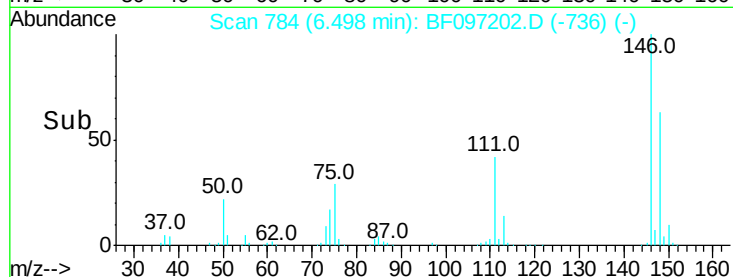
111 42.2 30.3 45.5



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: 43.210 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

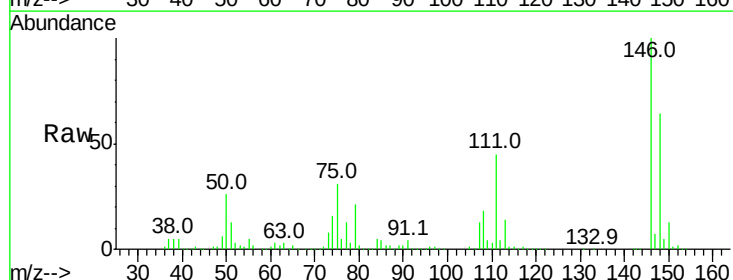
Tgt Ion:146 Resp: 287567

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

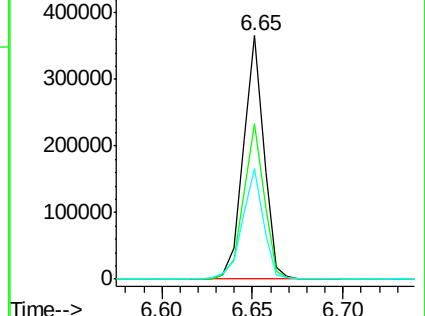
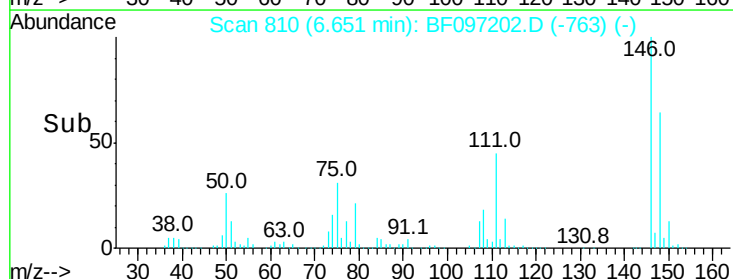
111 45.2 38.2 57.4

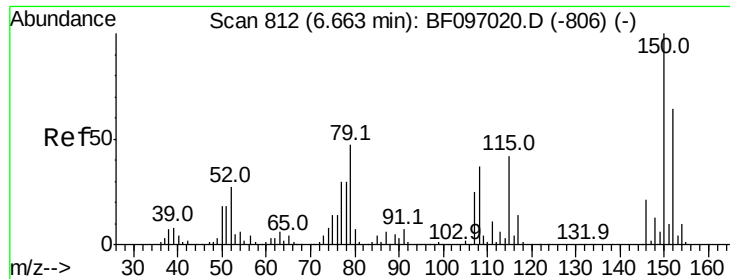


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

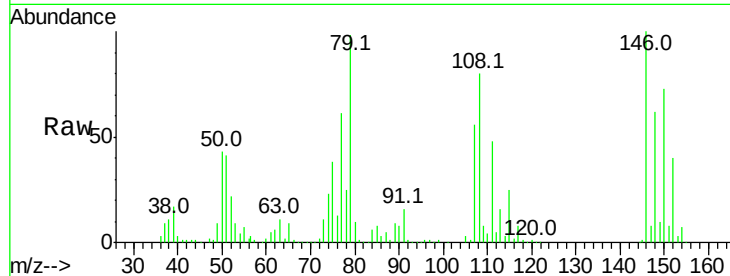




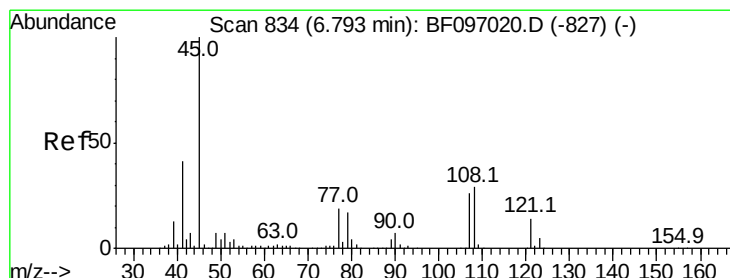
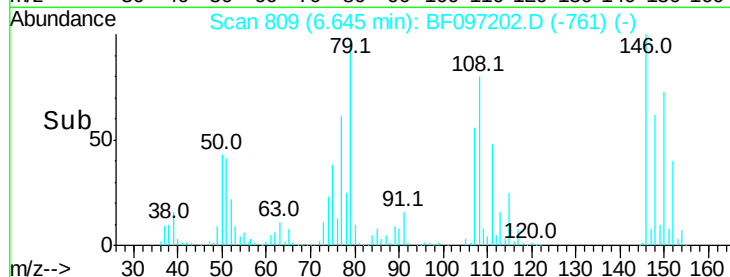
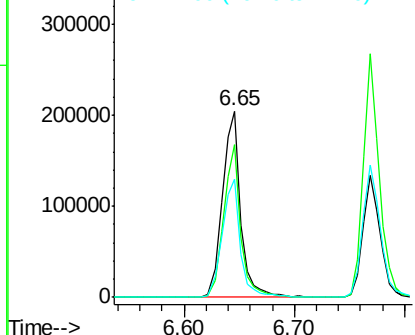
#15
Benzyl Alcohol
Concen: 49.091 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion: 79 Resp: 236826
Ion Ratio Lower Upper
79 100
108 81.8 63.4 95.0
77 63.0 49.2 73.8

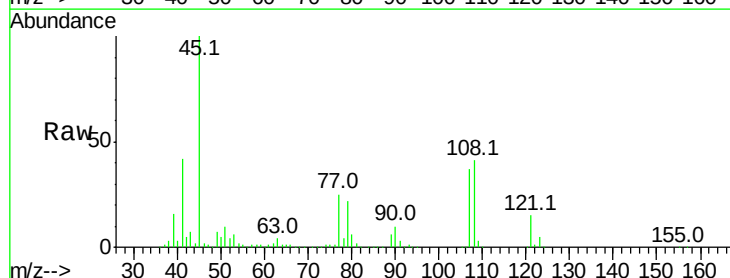


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

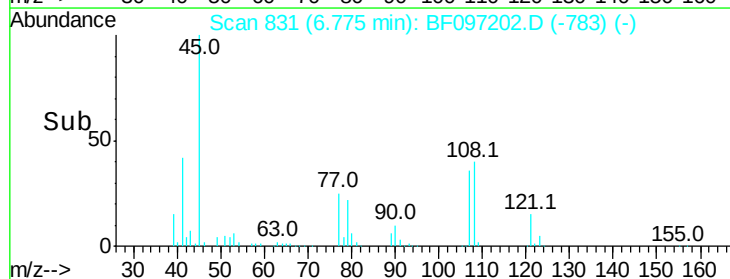
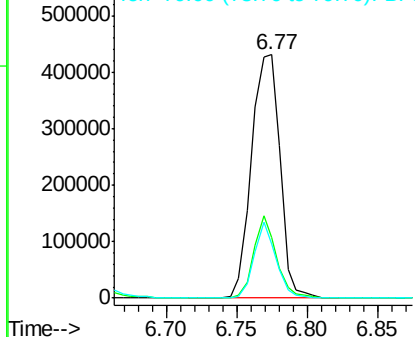


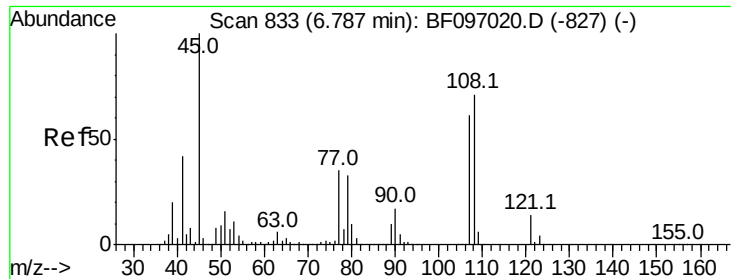
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.741 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion: 45 Resp: 612796
Ion Ratio Lower Upper
45 100
77 24.8 0.0 33.2
79 22.2 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

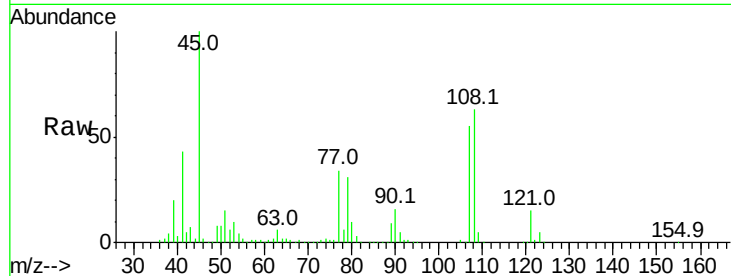




#17
2-Methylphenol
Concen: 44.012 ng
RT: 6.77 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.0
77	61.8	35.8	53.6#
79	56.6	34.8	52.2#



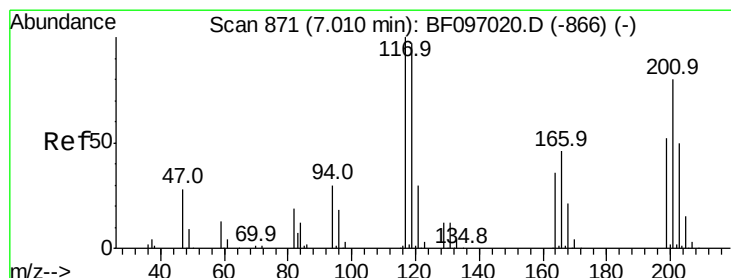
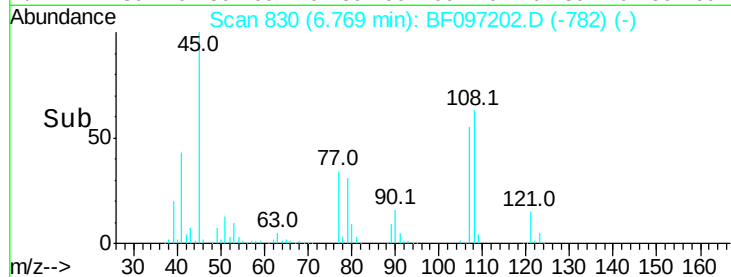
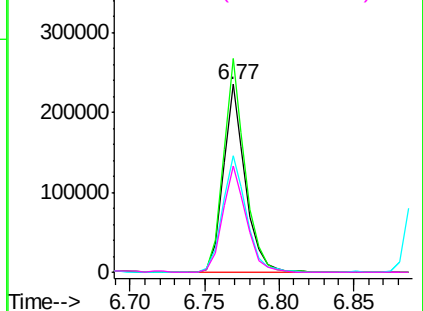
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

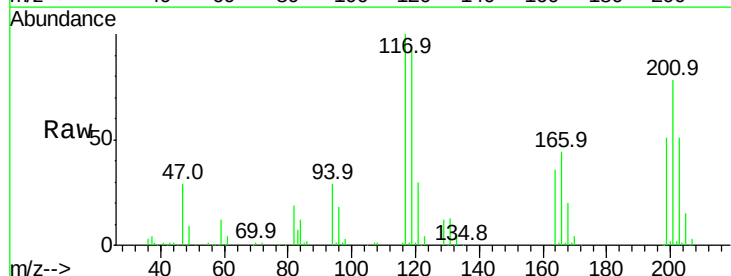
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 43.117 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.4	116.0
201	77.5	94.6	141.8#

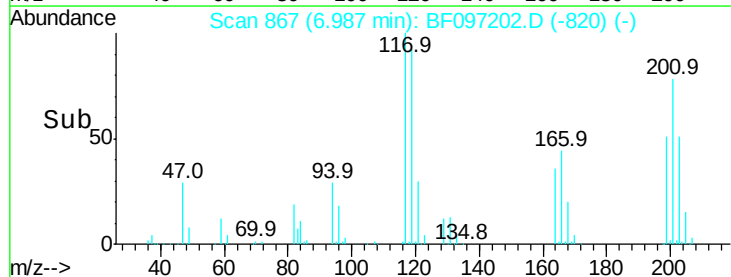
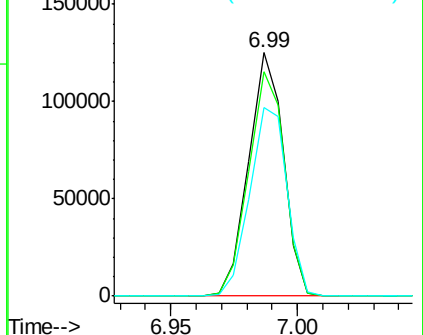


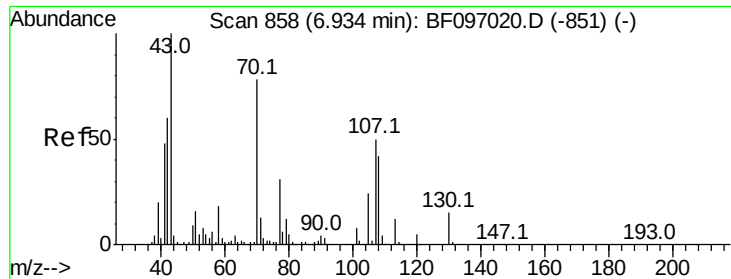
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

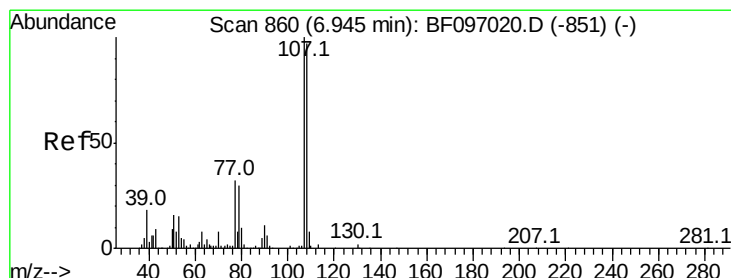
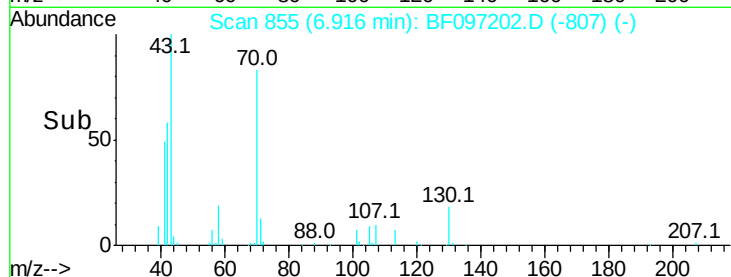
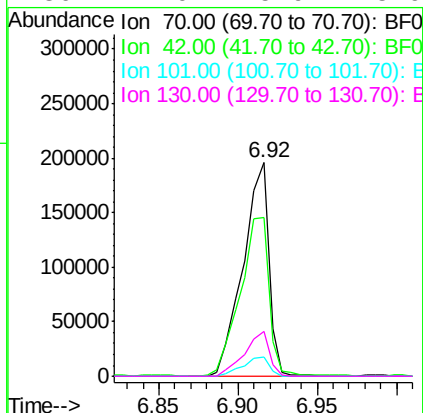
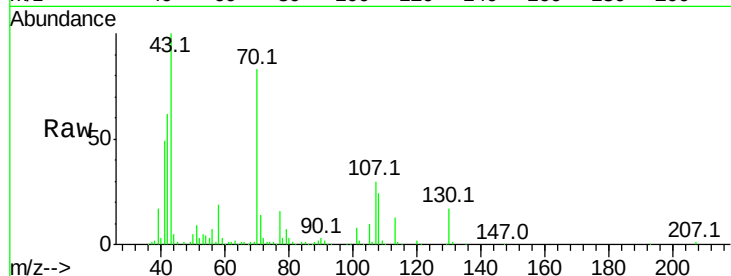




#19
n-Nitroso-di-n-propylamine
Concen: 44.165 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

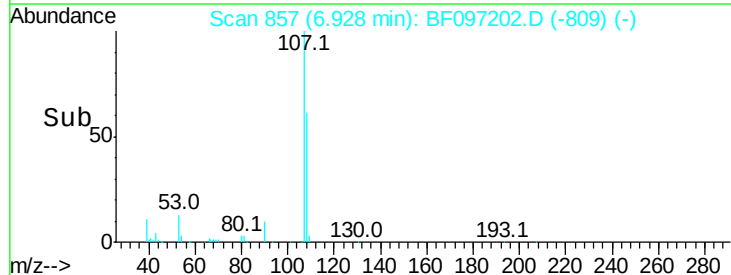
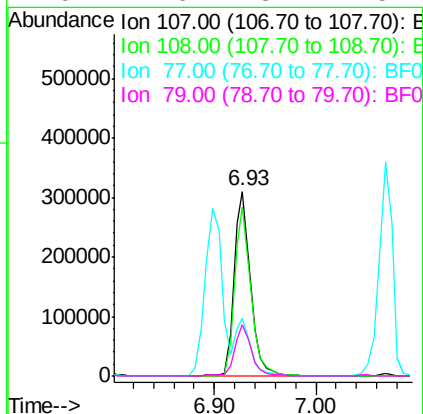
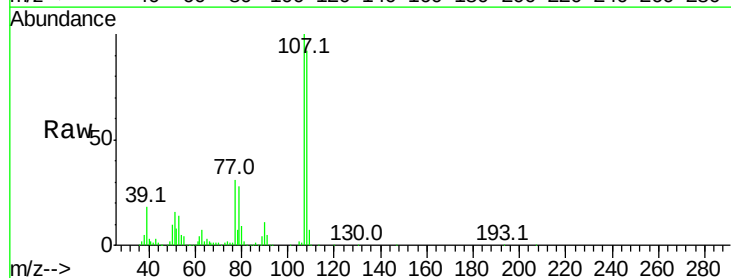
Instrument :
BNA_F
ClientSampleId :
PB101036BS

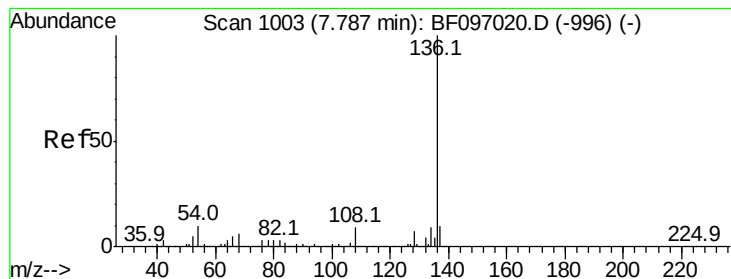
Tot Ion:	70	Resp:	221506
Ion	Ratio	Lower	Upper
70	100		
42	74.6	47.2	70.8#
101	9.1	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 48.452 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:	107	Resp:	348562
Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.0	111.0
77	31.1	90.5	130.5#
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

Tot Ion:136 Resp: 496621

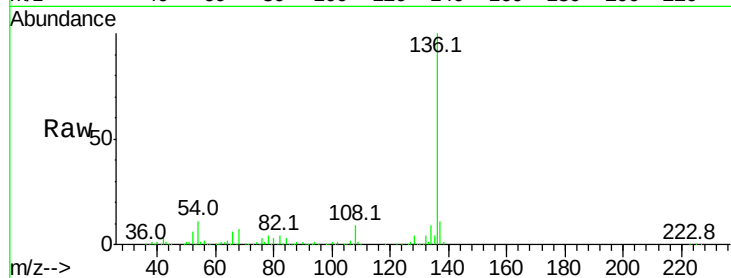
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.4 4.9 7.3#

68 7.2 4.1 6.1#

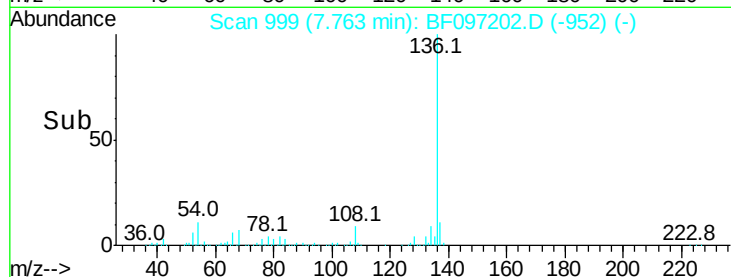


Abundance Ion 136.00 (135.70 to 136.70): E

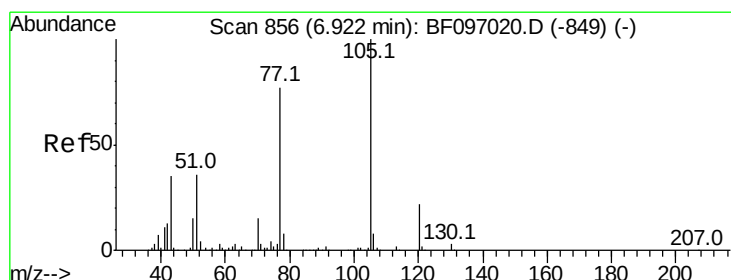
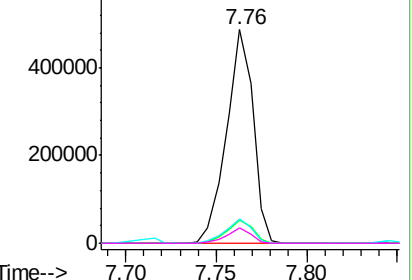
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.795 ng

RT: 6.90 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:105 Resp: 438824

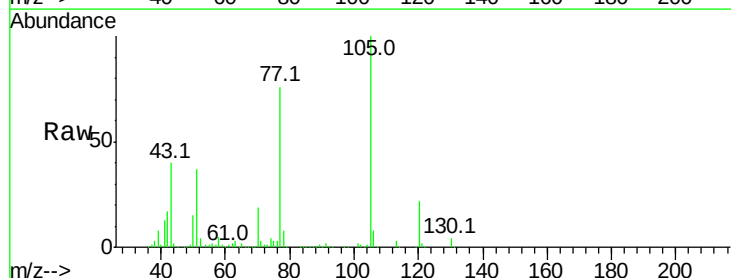
Ion Ratio Lower Upper

105 100

71 3.2 2.8 4.2

51 36.8 30.7 46.1

120 21.5 17.4 26.0

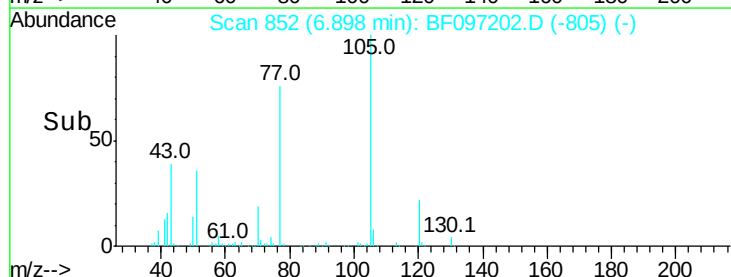


Abundance Ion 105.00 (104.70 to 105.70): E

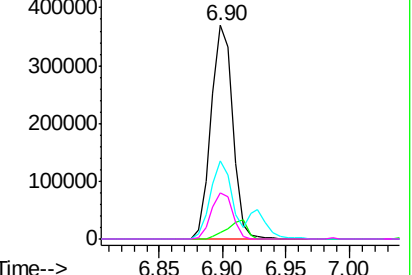
Ion 71.00 (70.70 to 71.70): BF0

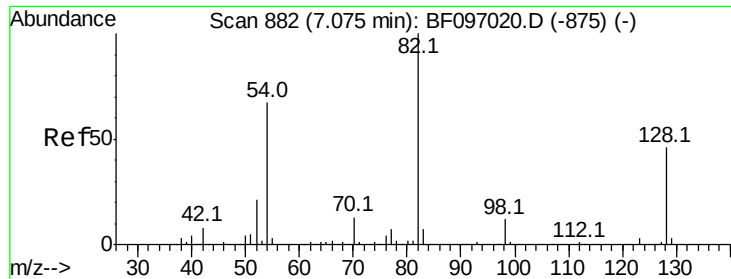
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

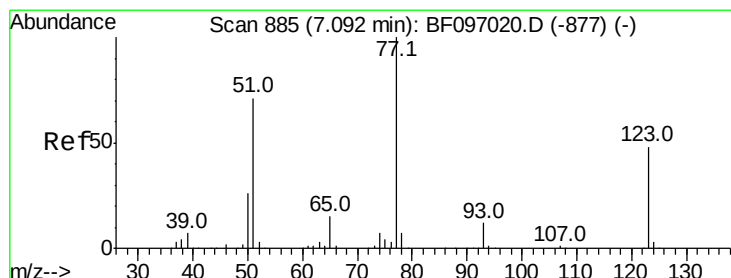
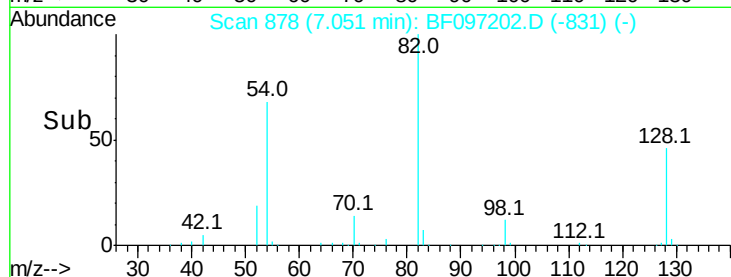
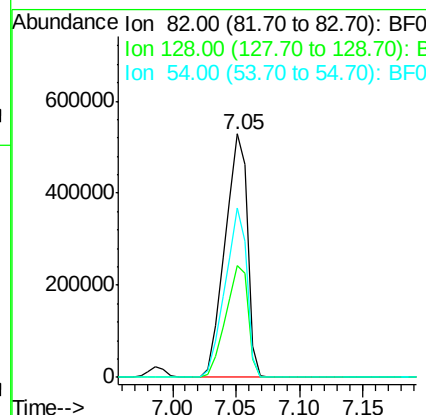
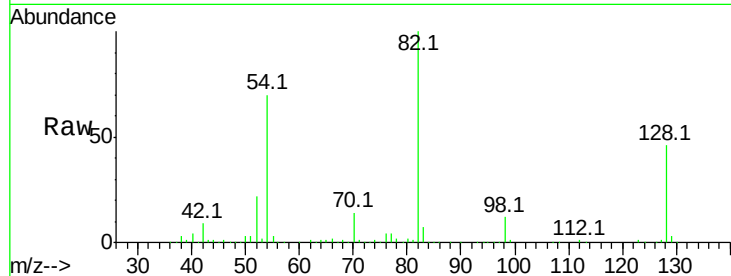




#23
 Nitrobenzene-d5
 Concen: 76.898 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

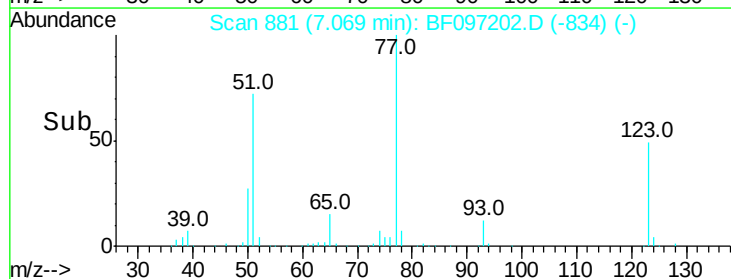
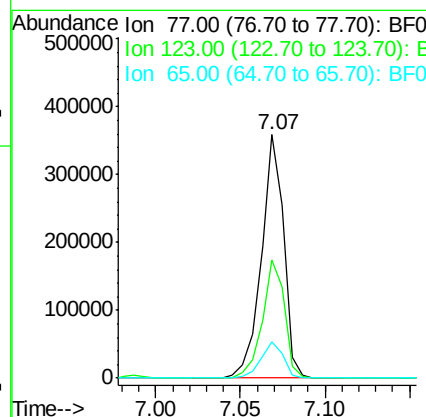
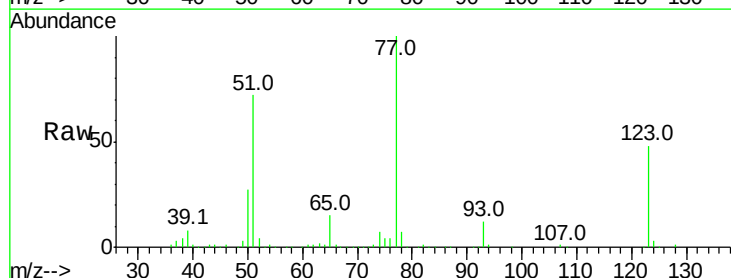
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

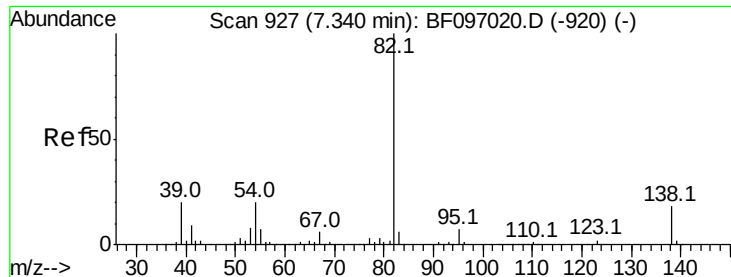
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	69.6	42.2	63.2#



#24
 Nitrobenzene
 Concen: 37.221 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 41.977 ng

RT: 7.32 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

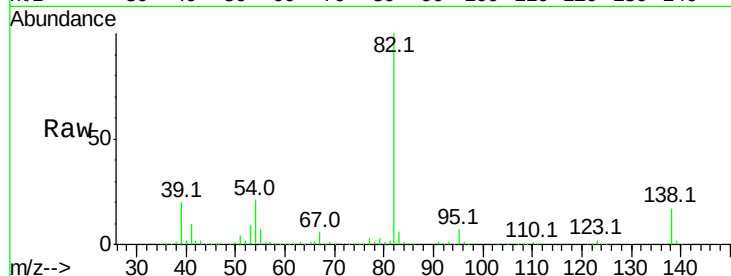
Tot Ion: 82 Resp: 695915

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

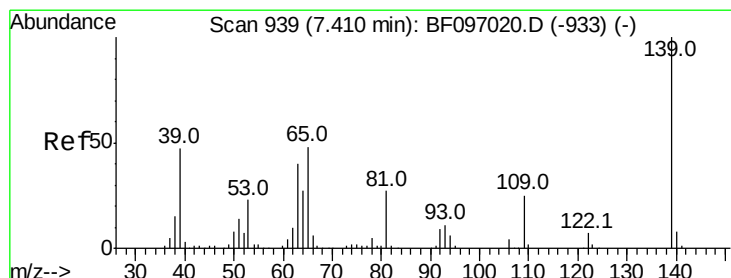
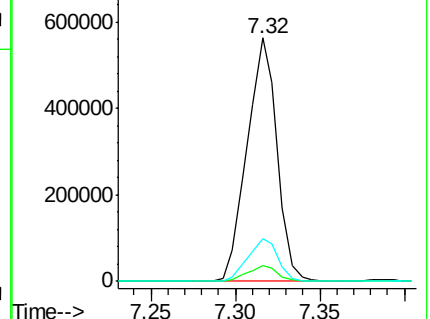
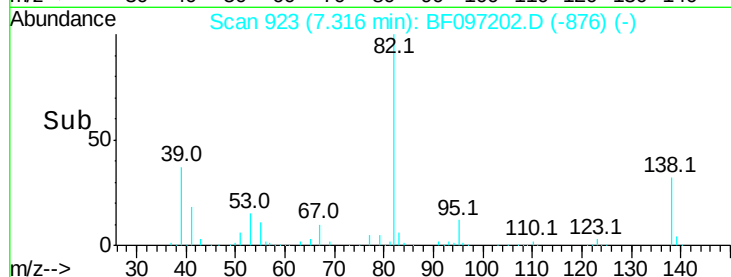
138 17.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.107 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

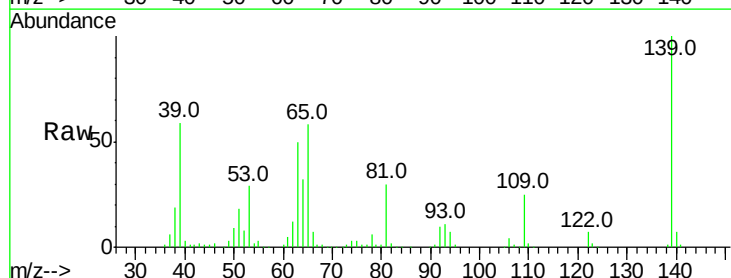
Tgt Ion: 139 Resp: 205618

Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

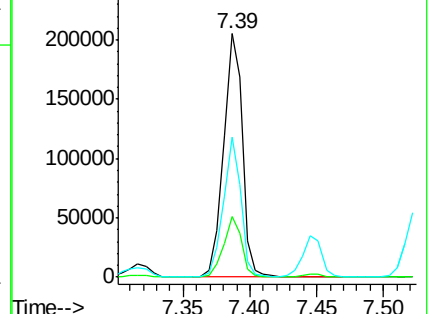
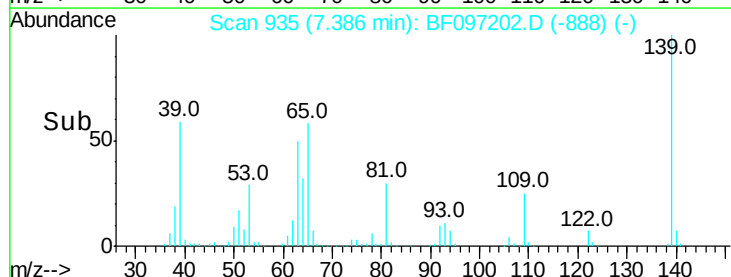
65 57.6 33.0 49.6#

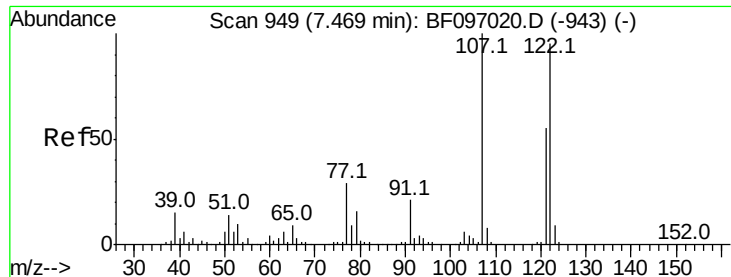


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

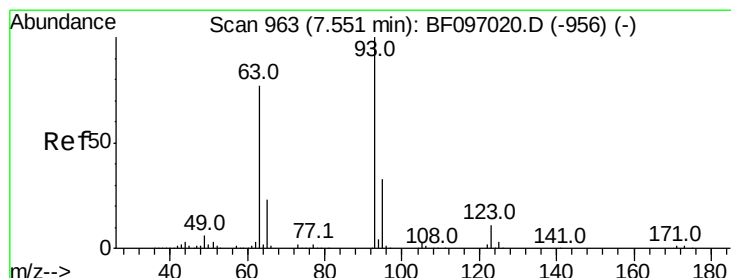
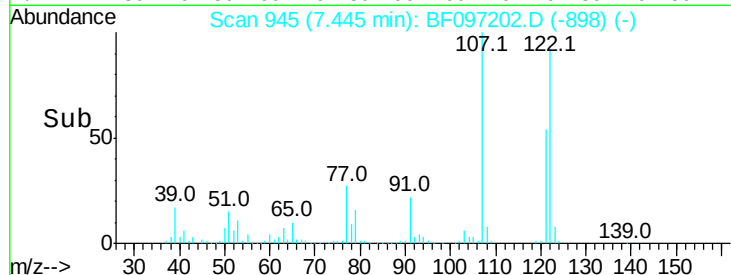
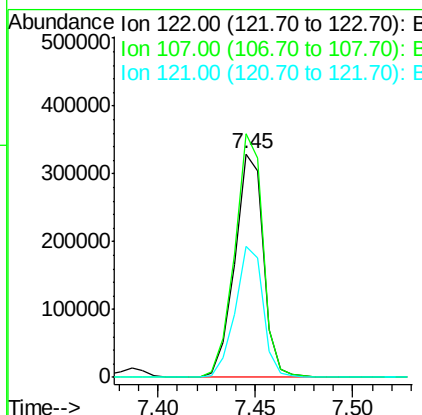
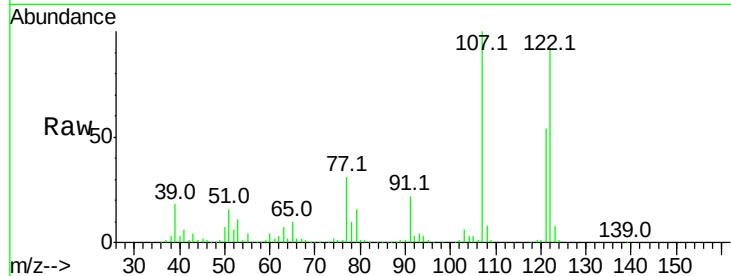




#27
 2,4-Dimethylphenol
 Concen: 42.528 ng
 RT: 7.45 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

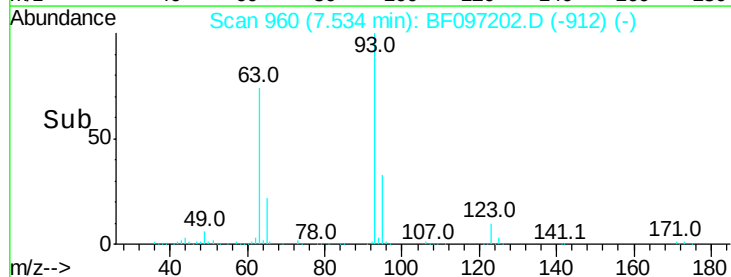
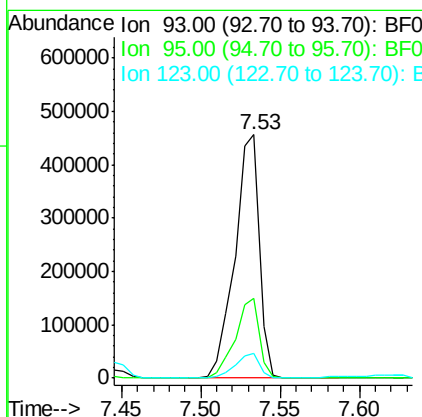
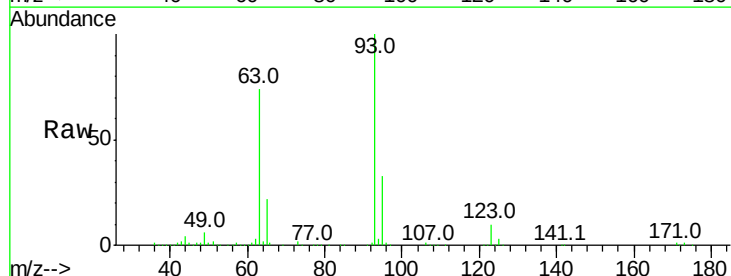
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

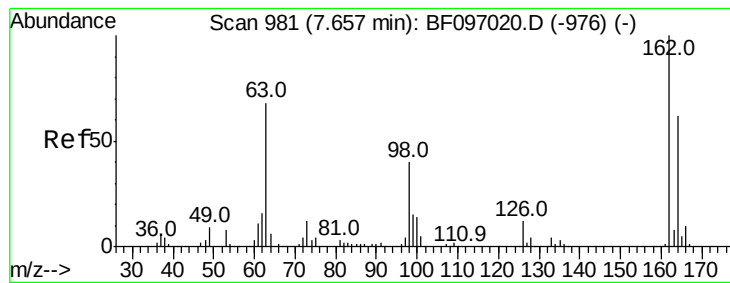
Tot Ion:122 Resp: 334631
 Ion Ratio Lower Upper
 122 100
 107 109.0 89.2 133.8
 121 58.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.237 ng
 RT: 7.53 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion: 93 Resp: 489416
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.805 ng

RT: 7.64 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

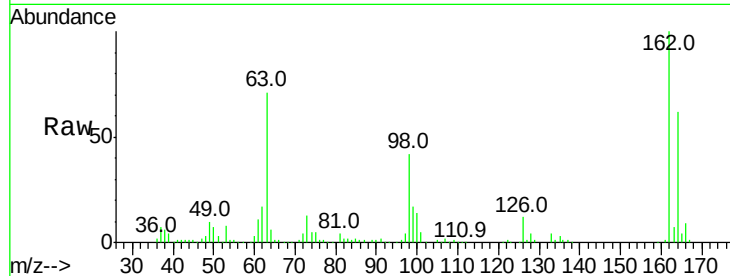
Tot Ion:162 Resp: 310492

Ion Ratio Lower Upper

162 100

164 61.7 44.6 84.6

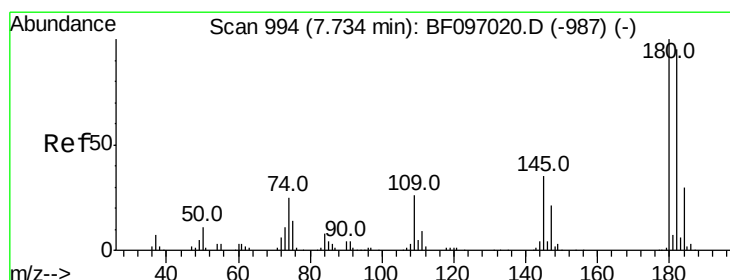
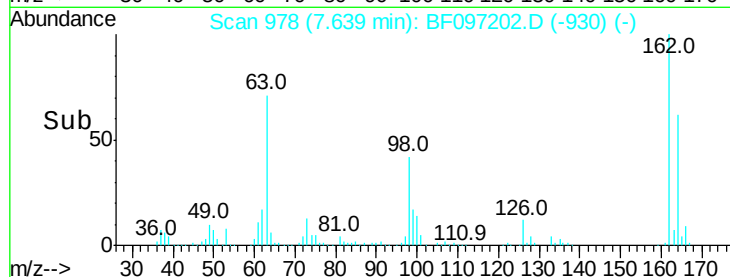
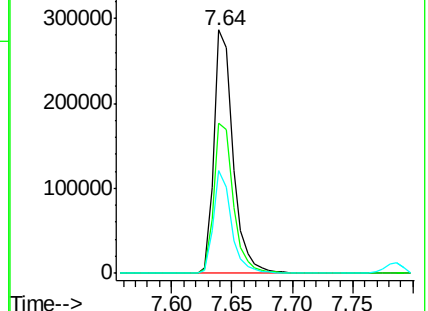
98 42.4 14.8 54.8



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: 43.412 ng

RT: 7.71 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

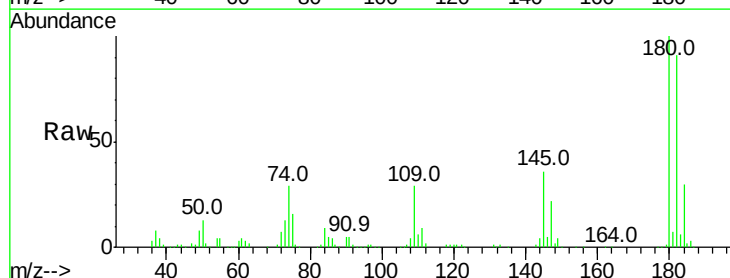
Tgt Ion:180 Resp: 280494

Ion Ratio Lower Upper

180 100

182 91.4 75.8 113.6

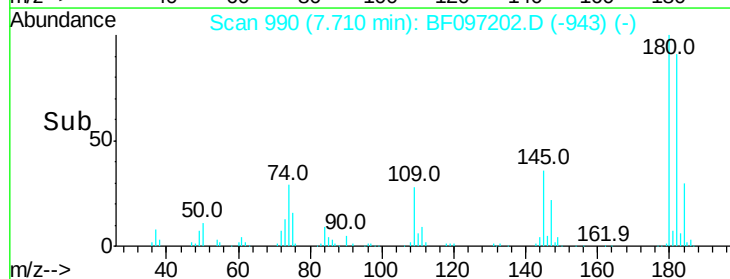
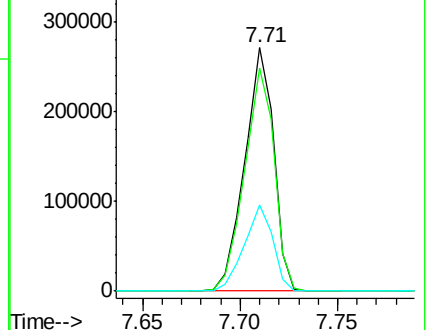
145 35.7 25.3 37.9

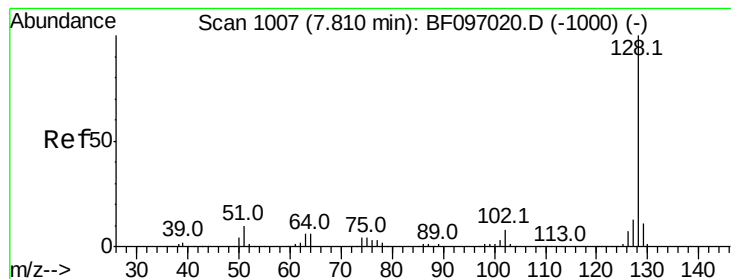


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.525 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

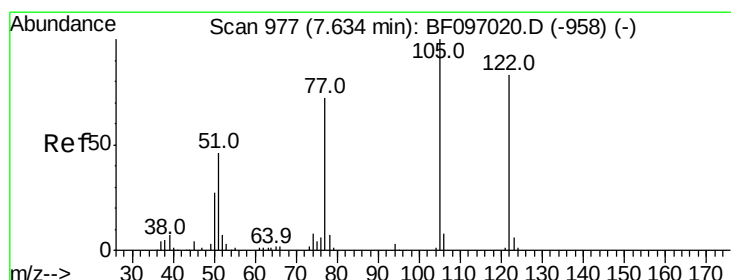
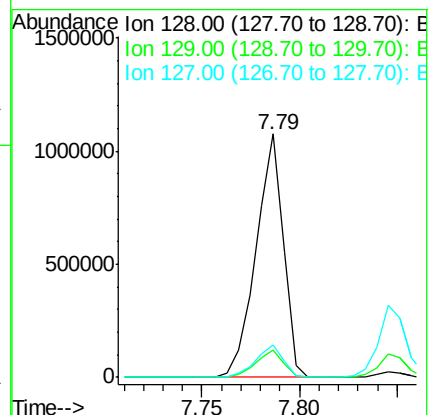
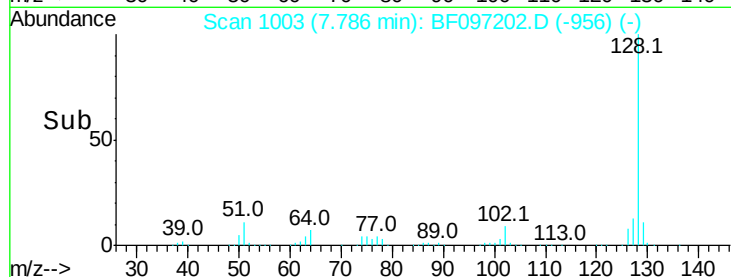
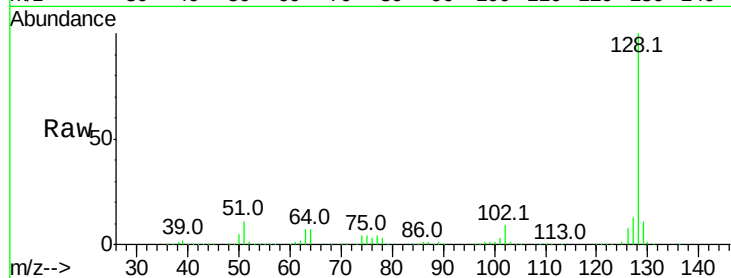
Tot Ion:128 Resp: 1042336

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 33.254 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

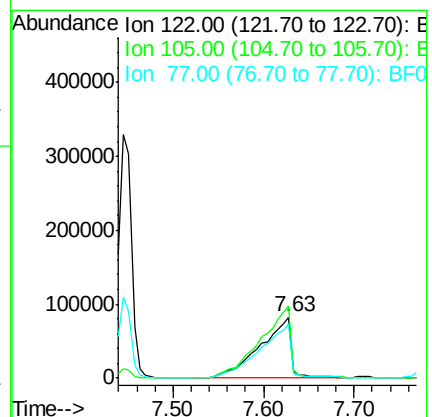
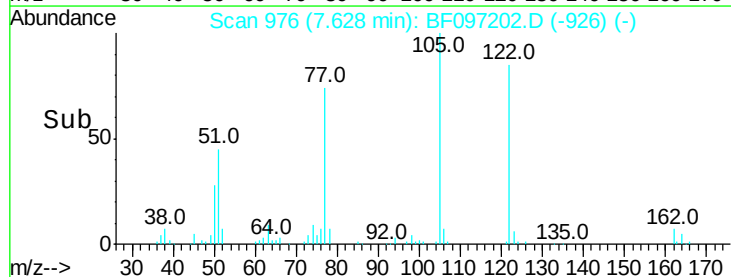
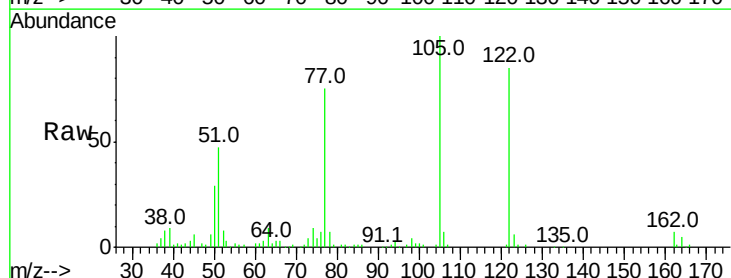
Tgt Ion:122 Resp: 195383

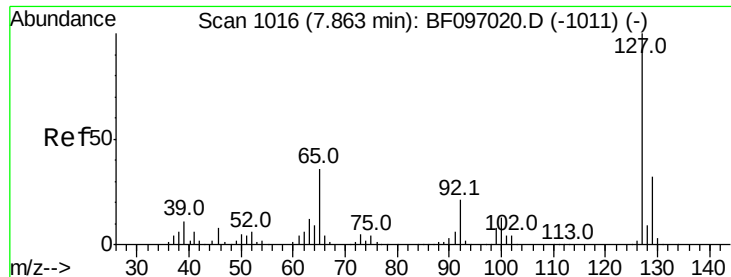
Ion Ratio Lower Upper

122 100

105 118.0 103.3 143.3

77 88.9 73.7 113.7

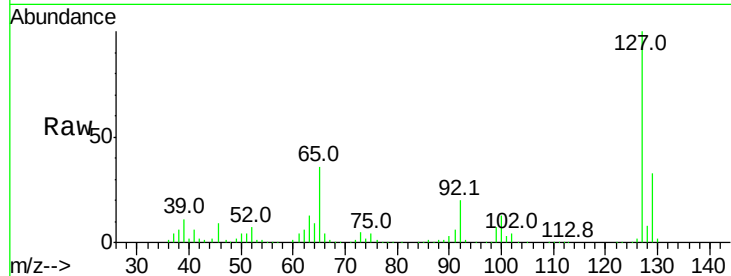




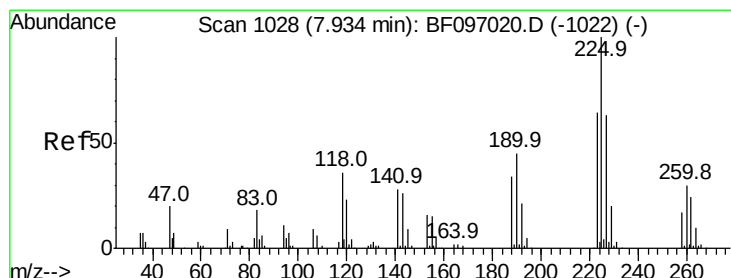
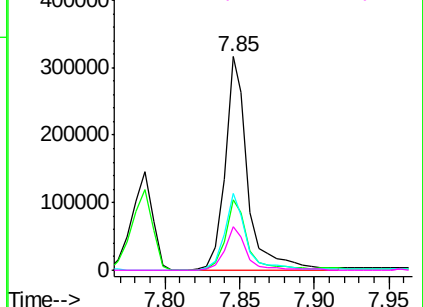
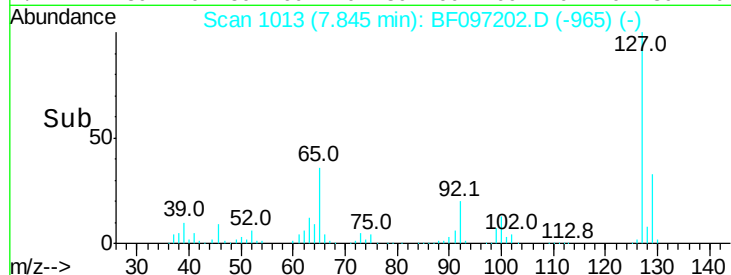
#33
4-Chloroaniline
Concen: 35.409 ng
RT: 7.85 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:	127	Resp:	337288
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	35.9	27.8	41.8
92	20.2	16.8	25.2

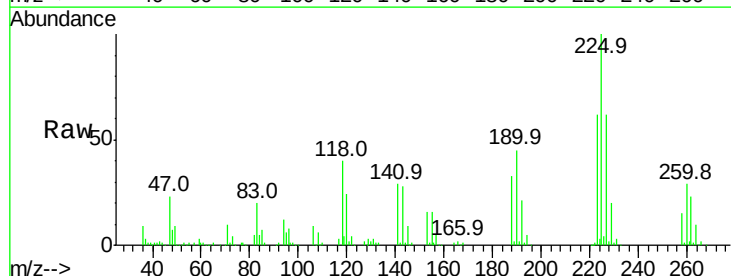


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

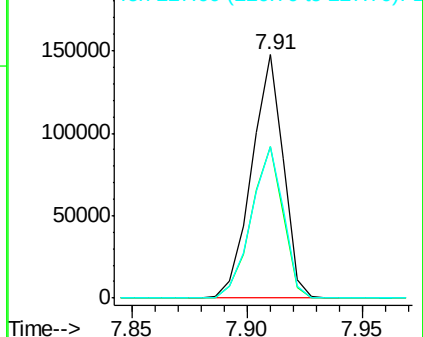
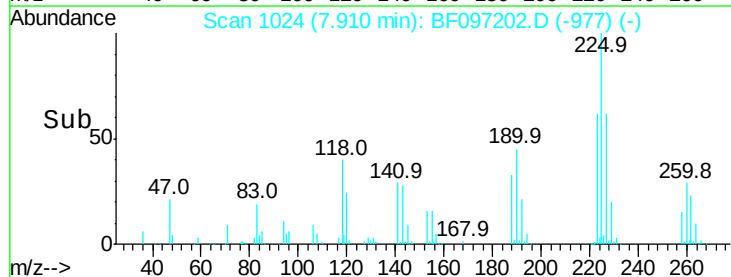


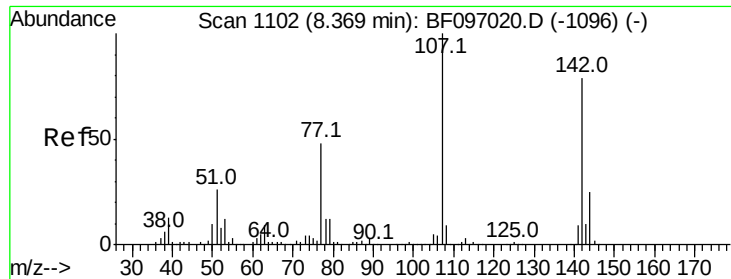
#34
Hexachlorobutadiene
Concen: 41.213 ng
RT: 7.91 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:	225	Resp:	141169
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	62.1	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

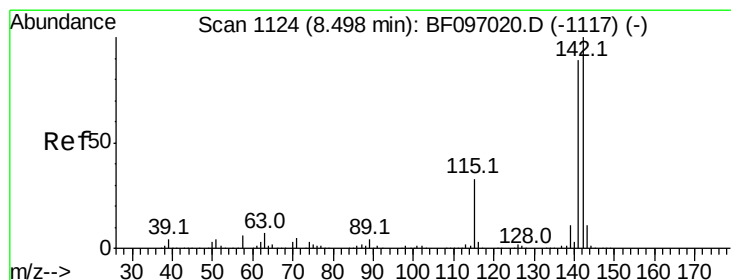
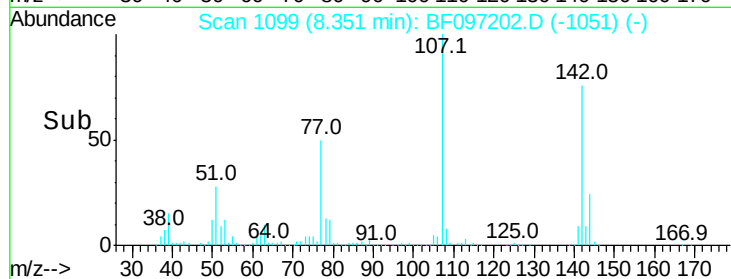
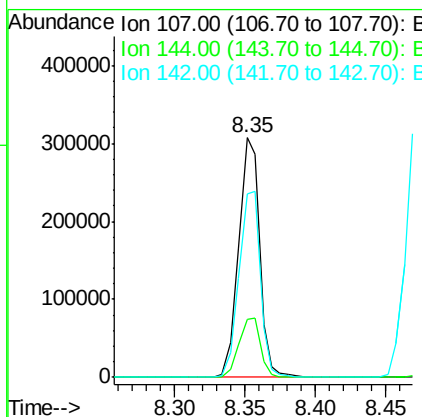
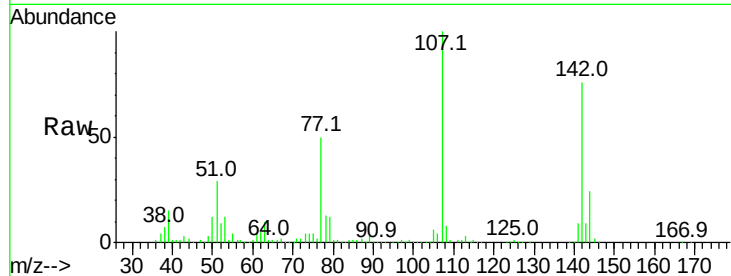




#36
 4-Chloro-3-methylphenol
 Concen: 43.182 ng
 RT: 8.35 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

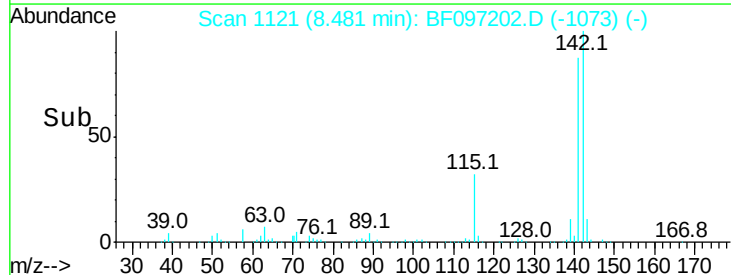
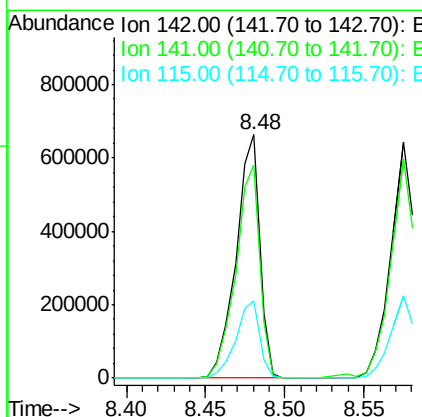
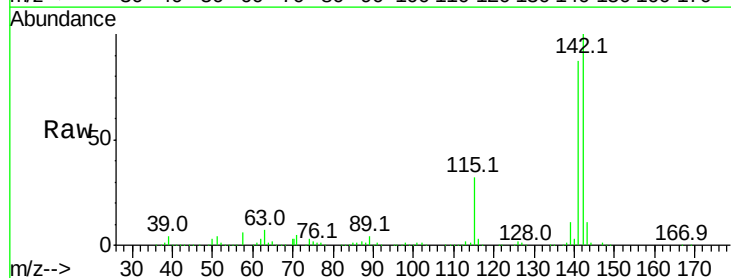
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

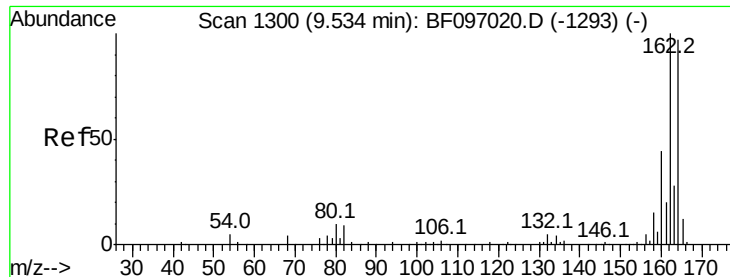
Tot Ion:107 Resp: 319344
 Ion Ratio Lower Upper
 107 100
 144 24.2 24.2 36.4#
 142 76.4 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 46.238 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:142 Resp: 685344
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.3 106.9
 115 31.7 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

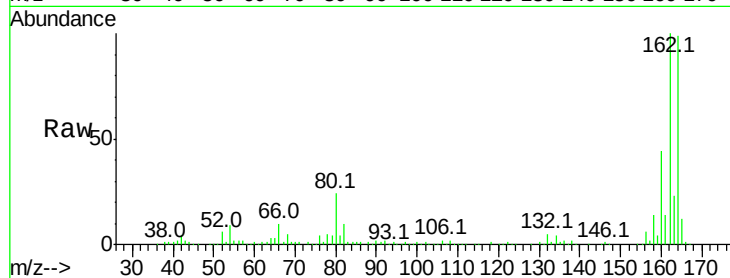
Tot Ion:164 Resp: 203837

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

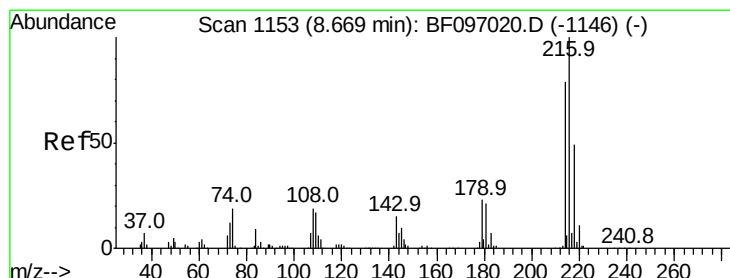
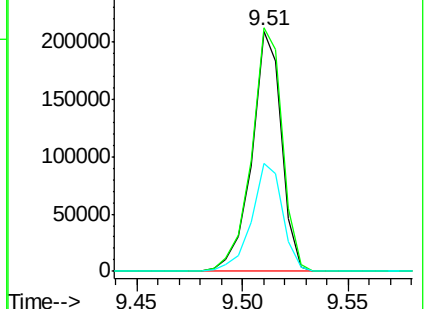
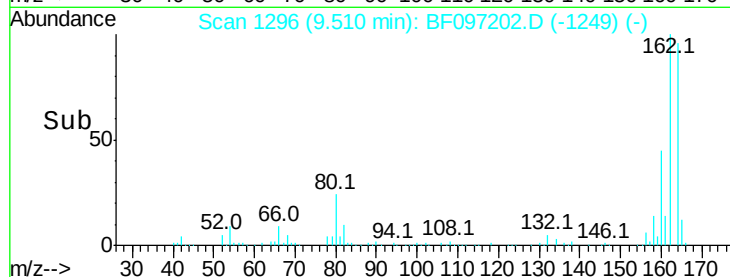
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.269 ng

RT: 8.65 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:216 Resp: 246212

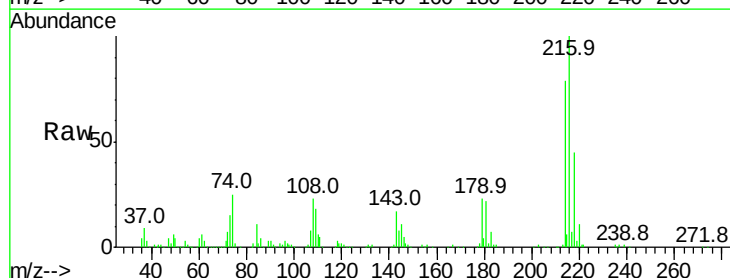
Ion Ratio Lower Upper

216 100

214 77.6 63.4 95.2

179 22.1 17.9 26.9

108 22.4 16.5 24.7

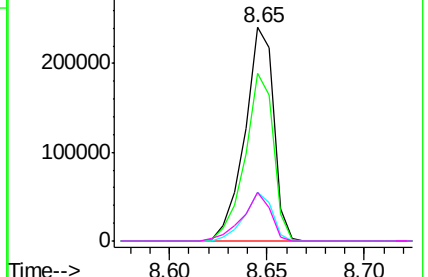
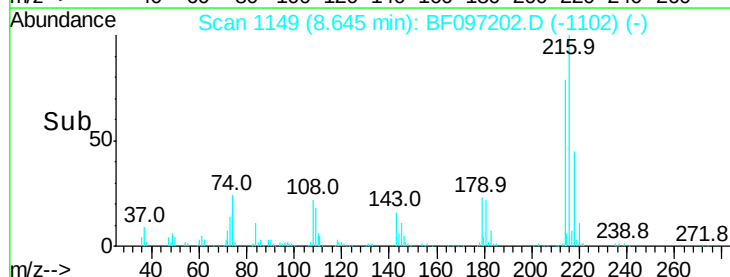


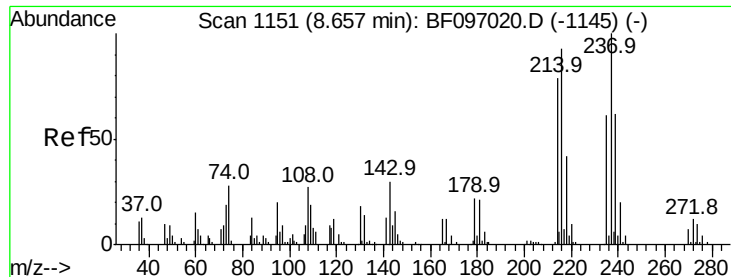
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

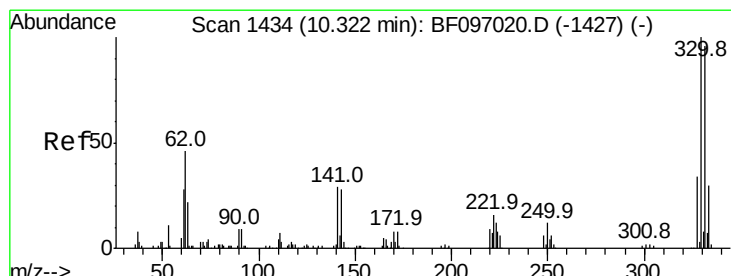
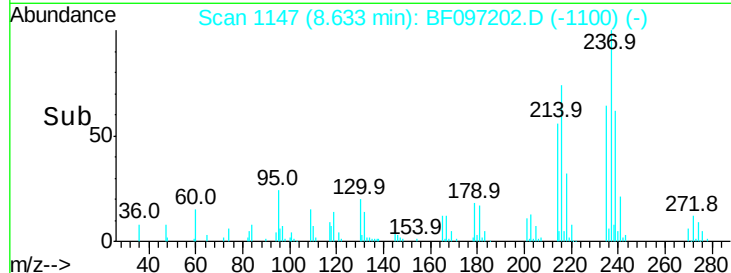
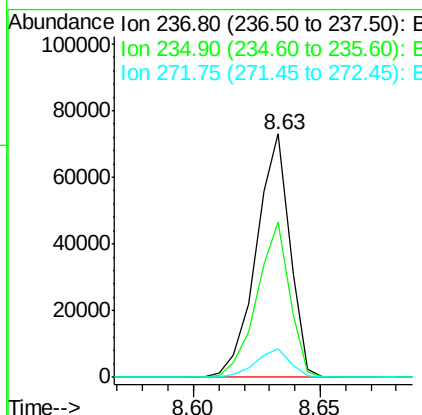
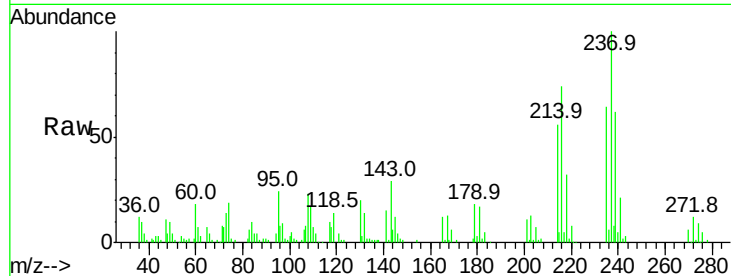




#40
 Hexachlorocyclopentadiene
 Concen: 39.254 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

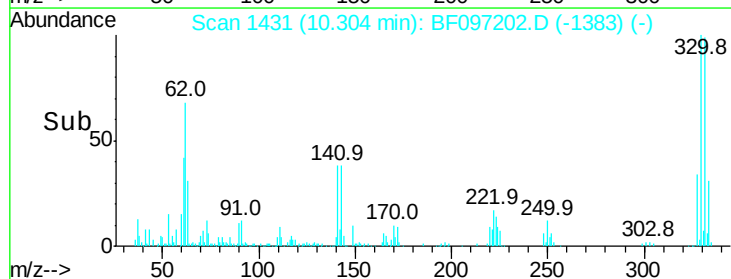
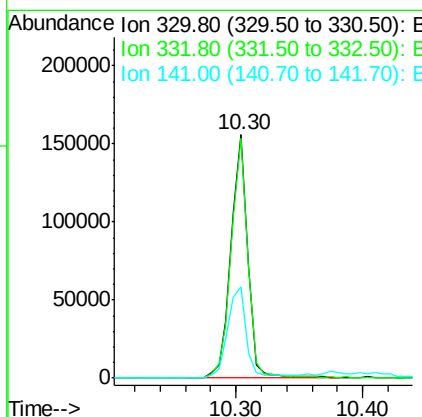
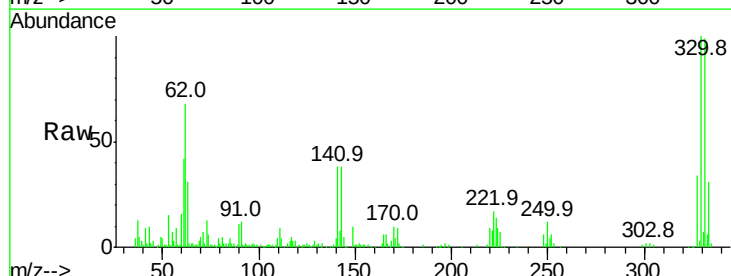
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

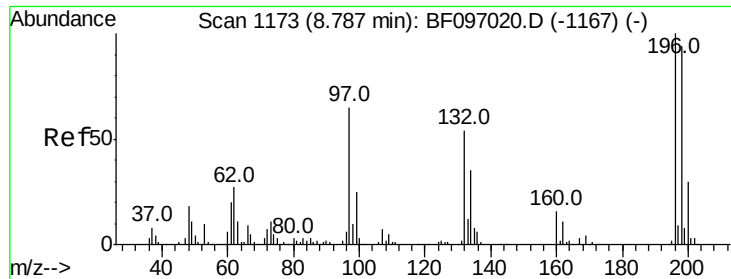
Tot Ion:	237	Resp:	67699
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	11.9	0.0	31.9



#41
 2,4,6-Tribromophenol
 Concen: 88.656 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:	330	Resp:	142781
Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	41.3	31.4	47.2

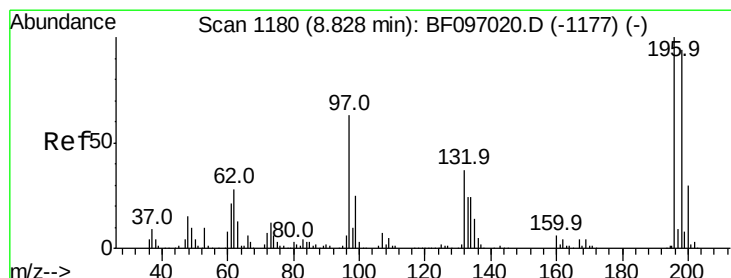
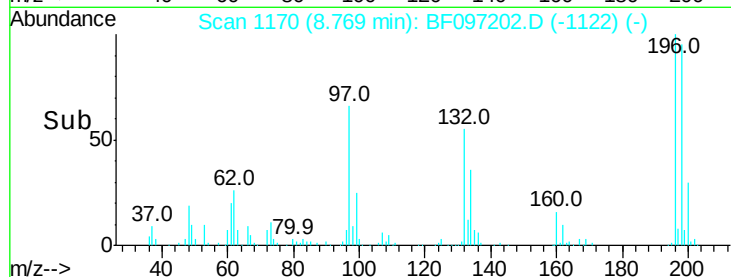
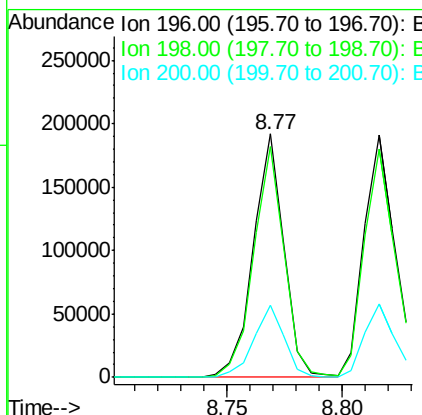
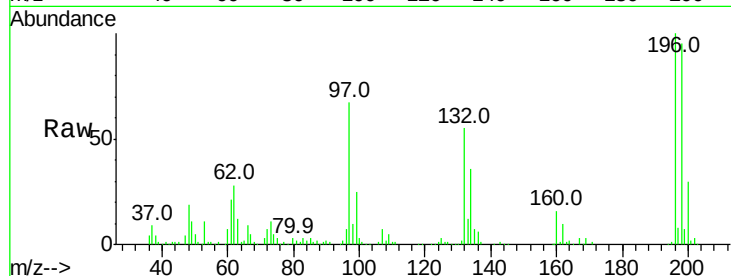




#42
 2,4,6-Trichlorophenol
 Concen: 45.161 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

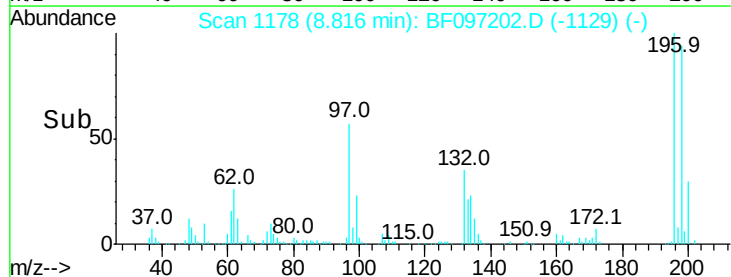
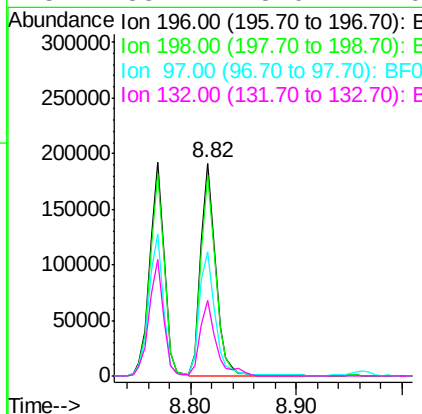
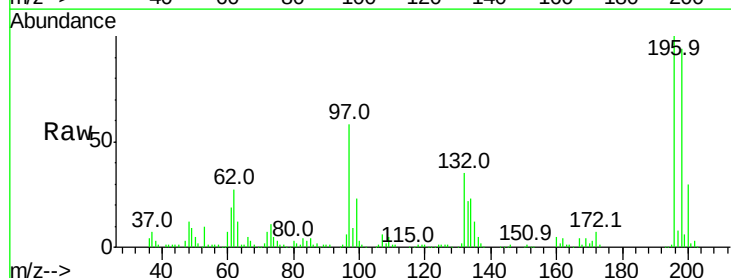
Instrument :
 BNA_F
 ClientSampleID :
 PB101036BS

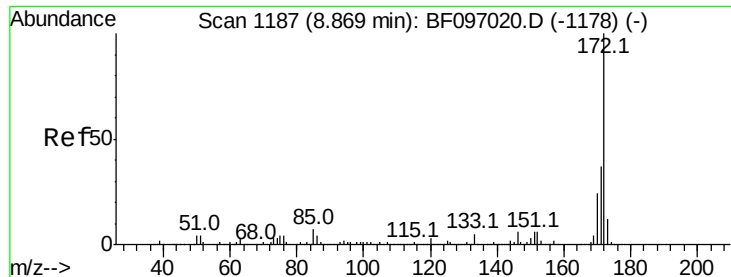
Tot Ion:196 Resp: 177999
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.4
 200 29.6 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 47.189 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:196 Resp: 186162
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 97 58.2 47.7 71.5
 132 35.4 28.0 42.0





#44

2-Fluorobiphenyl

Concen: 97.256 ng

RT: 8.85 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

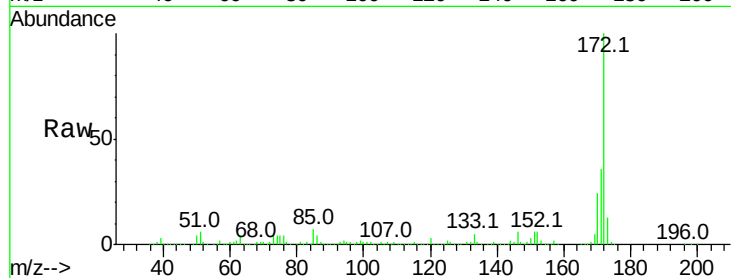
BNA_F

ClientSampleId :

PB101036BS

Tot Ion:172 Resp: 1168137

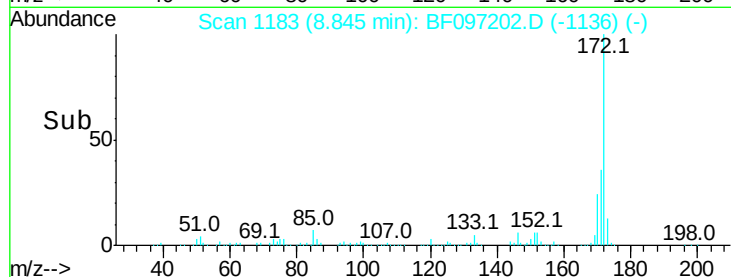
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Abundance

8.85

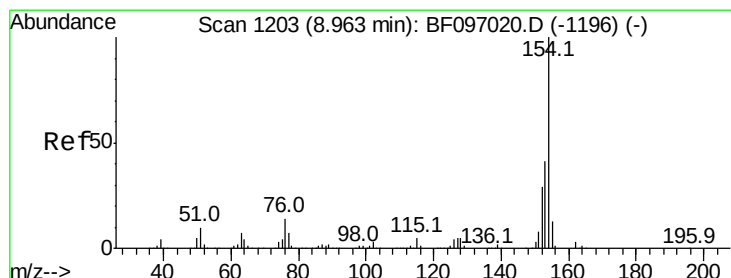
1000000

500000

0

Time-->

8.80 8.85 8.90



#45

1,1'-Biphenyl

Concen: 43.338 ng

RT: 8.95 min Scan# 1200

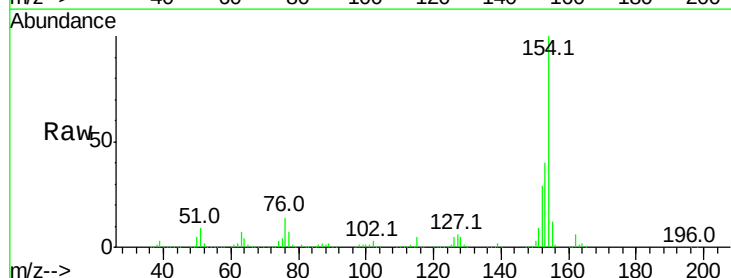
Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:154 Resp: 754543

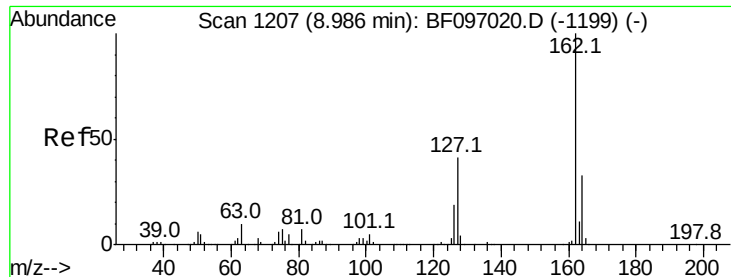
Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	13.7	0.0	29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

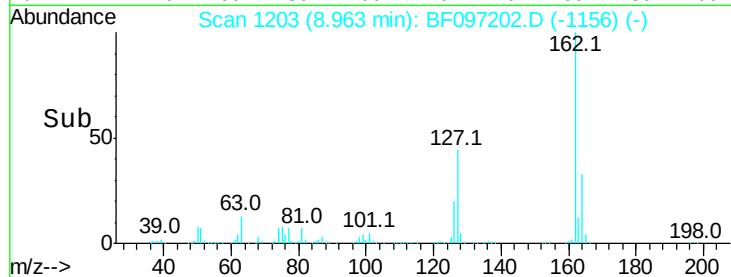
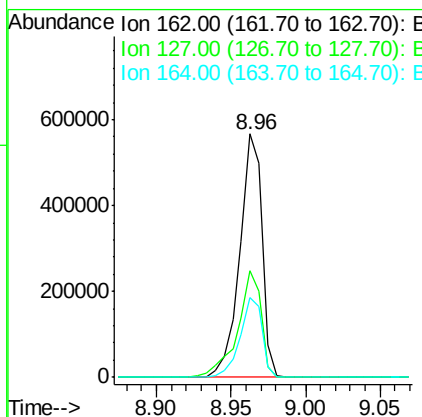
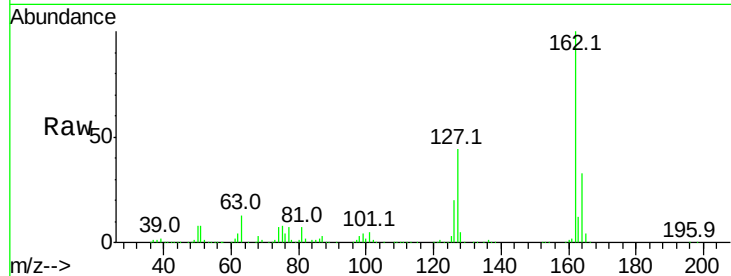
Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 45.921 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

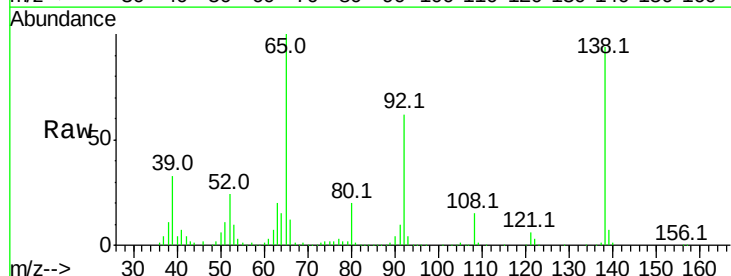
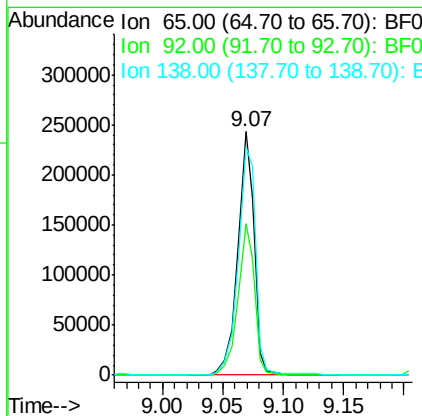
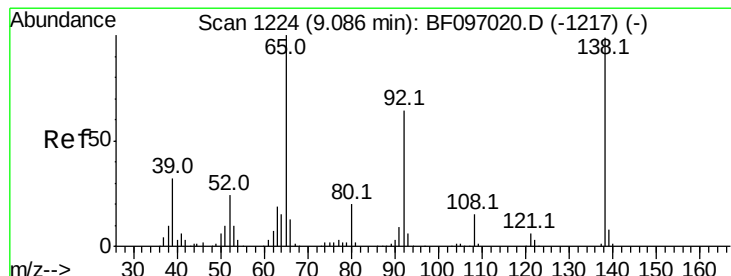
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

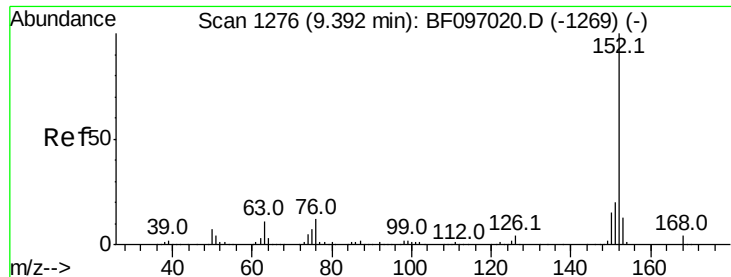
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.1	28.3	42.5#
164	32.8	27.0	40.4



#47
 2-Nitroaniline
 Concen: 49.646 ng
 RT: 9.07 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	53.9	80.9
138	93.7	78.8	118.2





#48

Acenaphthylene

Concen: 43.834 ng

RT: 9.37 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

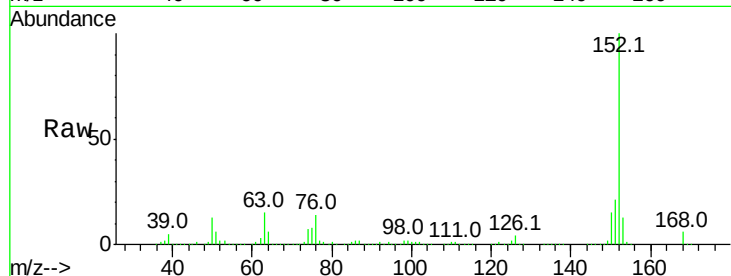
Tot Ion:152 Resp: 862032

Ion Ratio Lower Upper

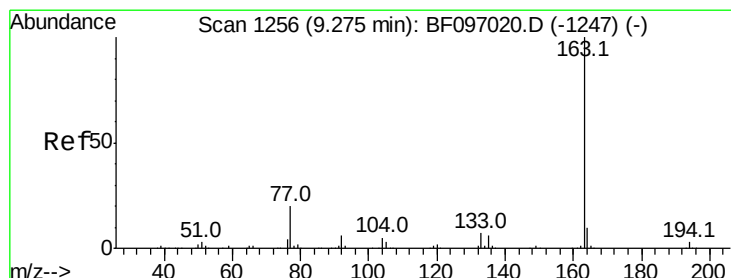
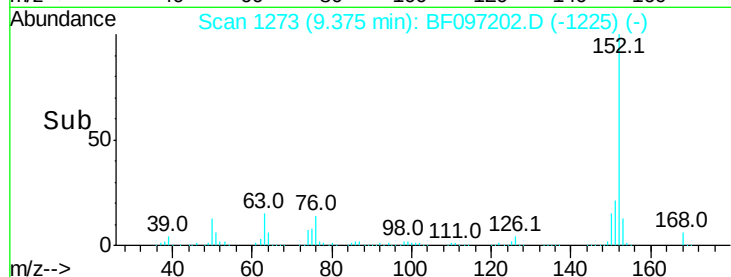
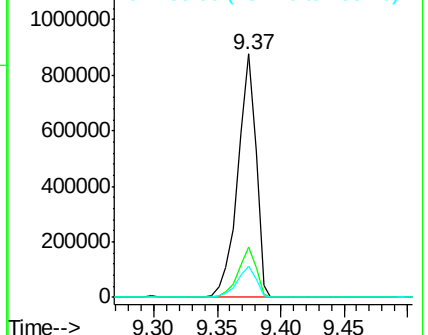
152 100

151 20.8 16.8 25.2

153 13.0 10.8 16.2



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



#49

Dimethylphthalate

Concen: 46.085 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

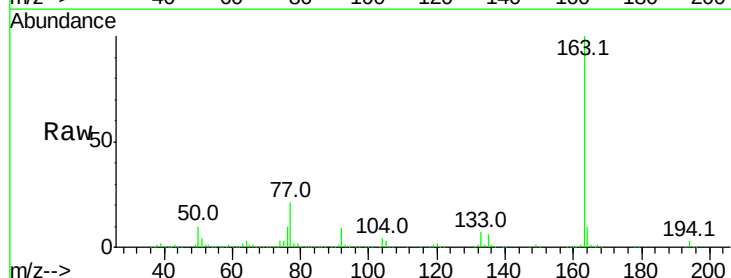
Tgt Ion:163 Resp: 713349

Ion Ratio Lower Upper

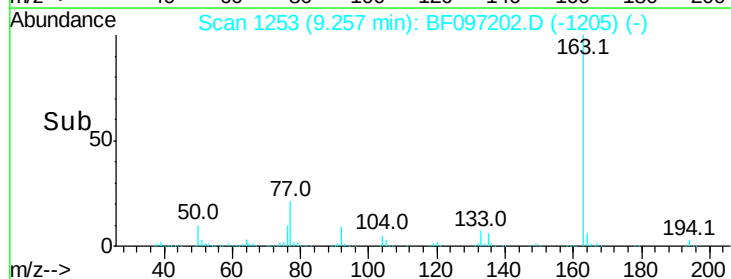
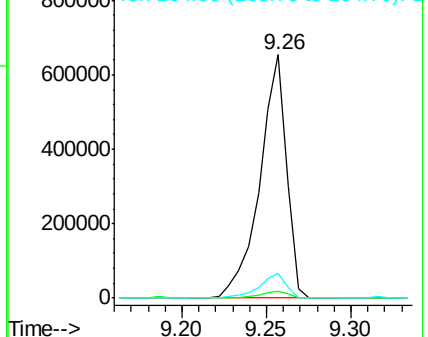
163 100

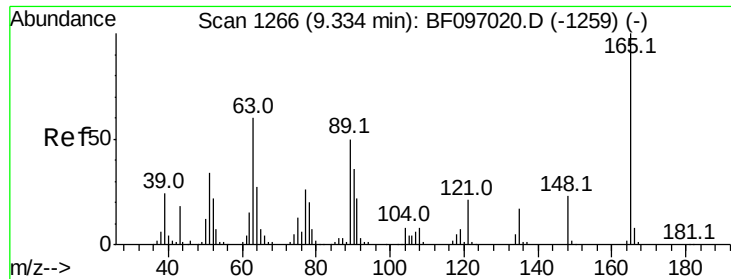
194 2.9 2.6 4.0

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

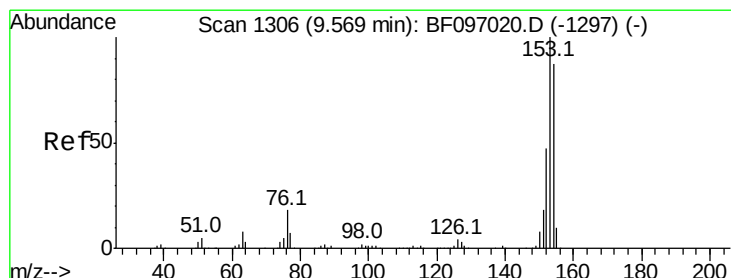
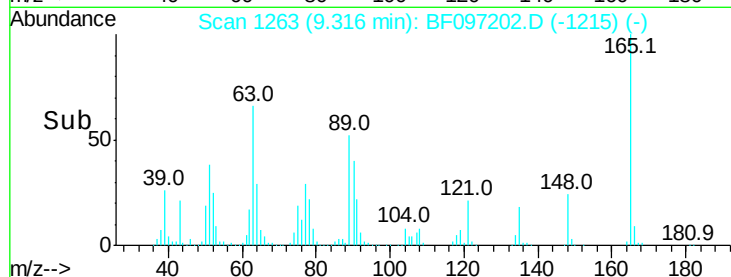
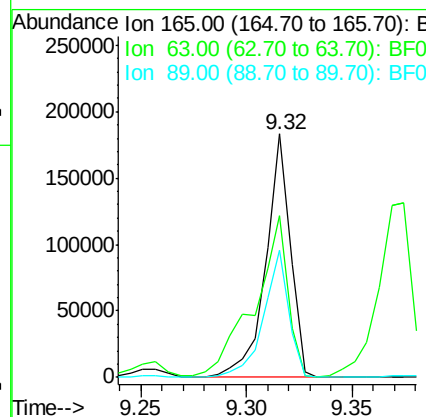
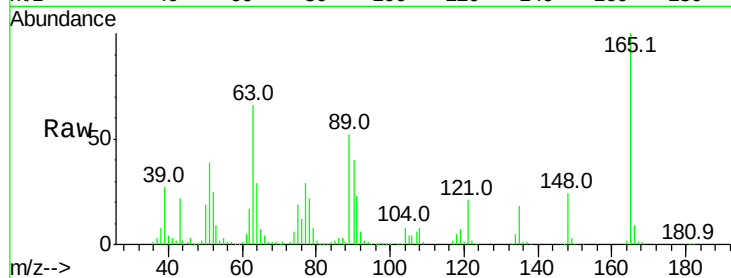




#50
 2,6-Dinitrotoluene
 Concen: 45.489 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

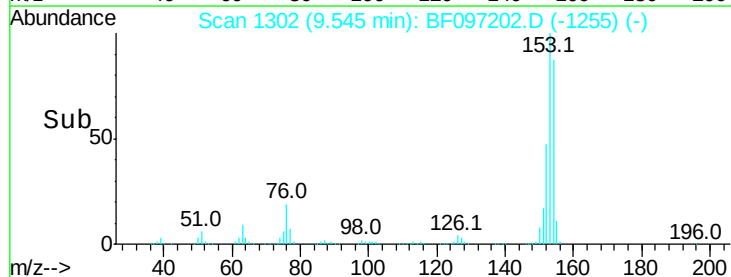
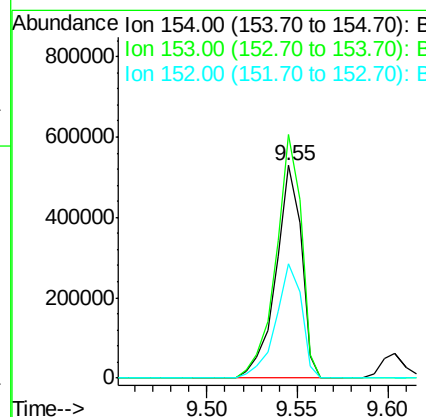
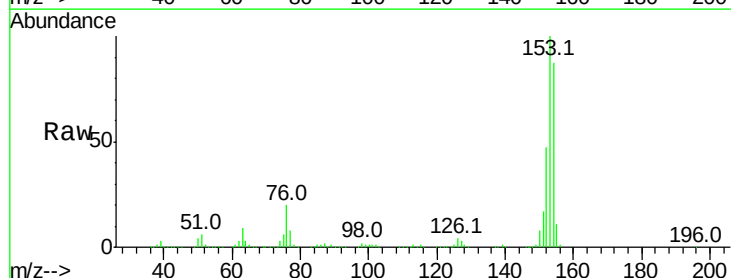
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

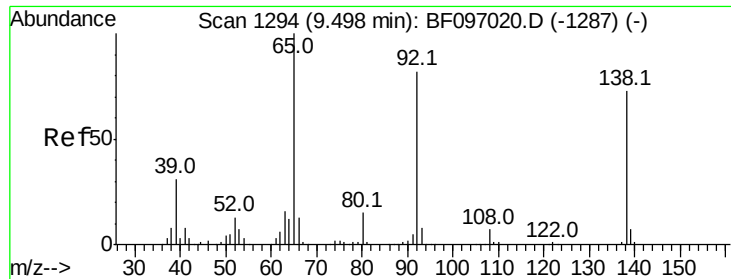
Tot Ion:165 Resp: 149341
 Ion Ratio Lower Upper
 165 100
 63 66.2 34.3 51.5#
 89 52.4 37.1 55.7



#51
 Acenaphthene
 Concen: 44.780 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:154 Resp: 518724
 Ion Ratio Lower Upper
 154 100
 153 114.4 90.5 135.7
 152 53.6 43.6 65.4

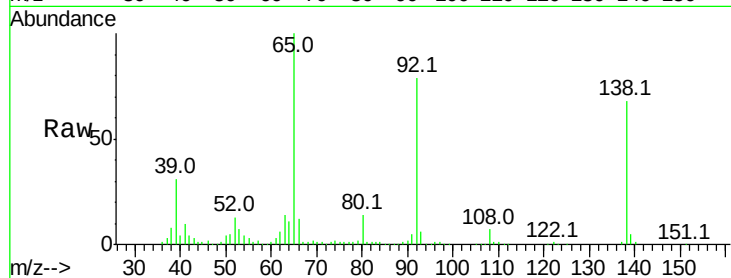




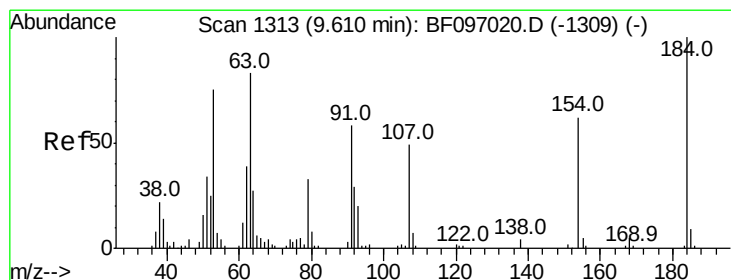
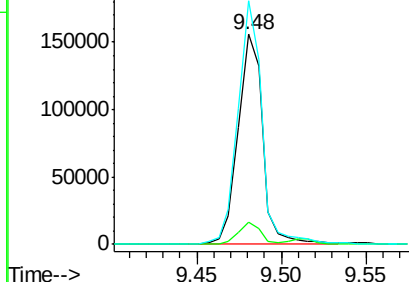
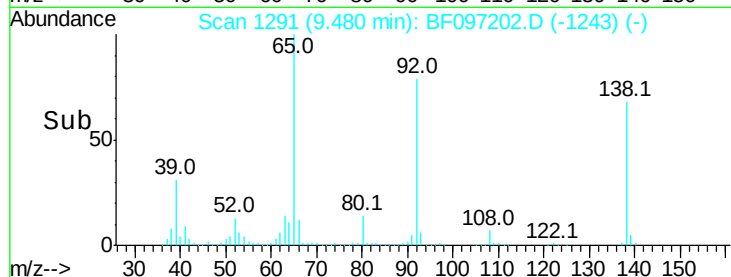
#52
3-Nitroaniline
Concen: 38.904 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:138 Resp: 158533
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 115.8 93.8 140.6

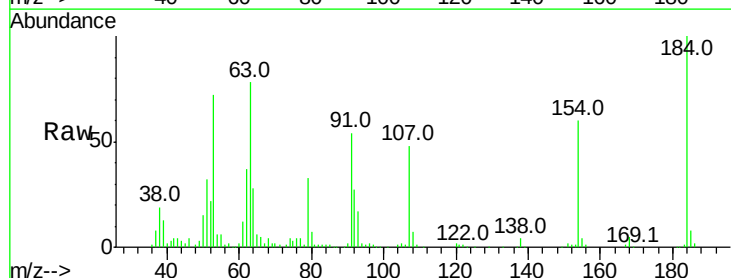


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

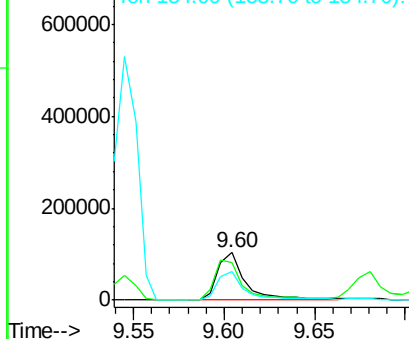
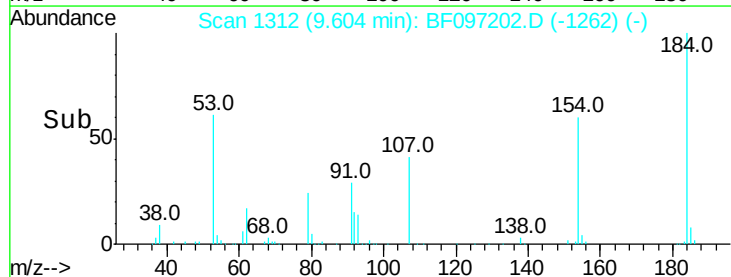


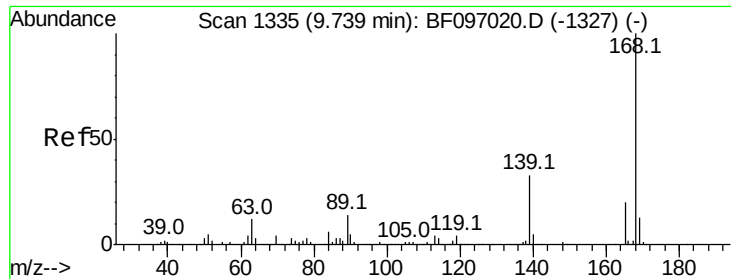
#53
2,4-Dinitrophenol
Concen: 75.045 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:184 Resp: 112021
Ion Ratio Lower Upper
184 100
63 77.6 62.7 94.1
154 60.2 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

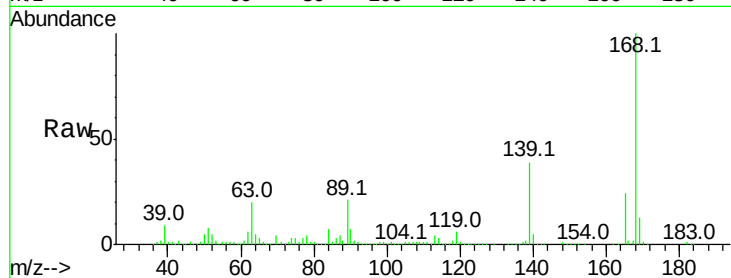




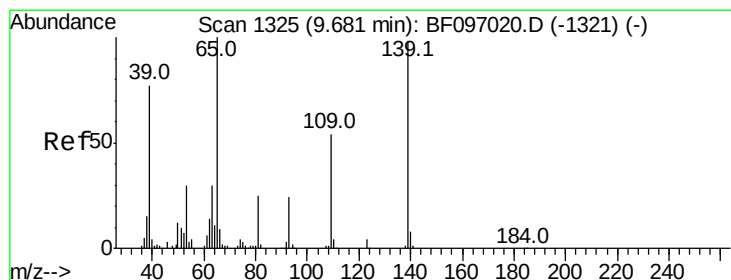
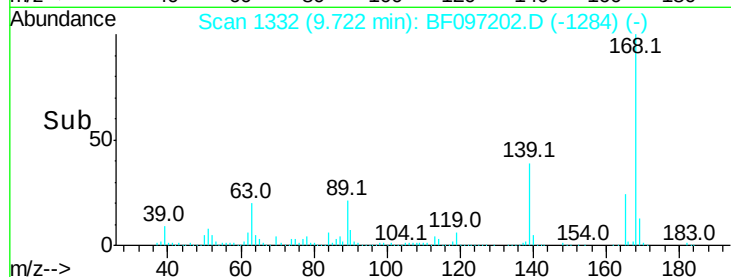
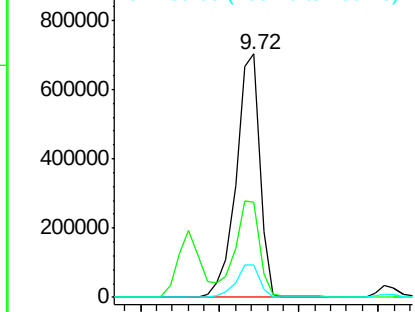
#54
Dibenzofuran
Concen: 46.957 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:168 Resp: 724511
Ion Ratio Lower Upper
168 100
139 39.2 30.6 45.8
169 13.3 10.8 16.2

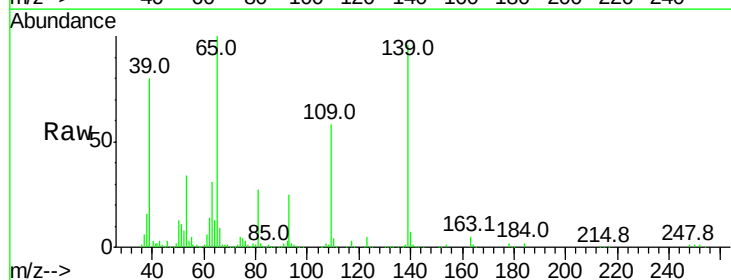


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

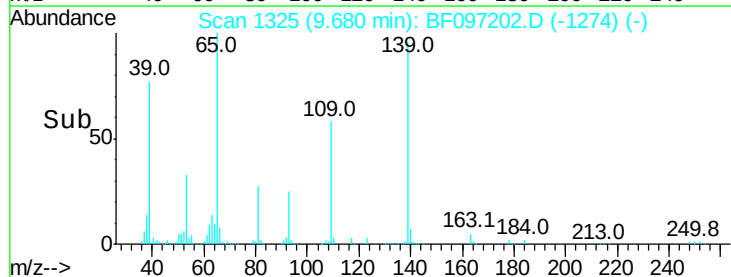
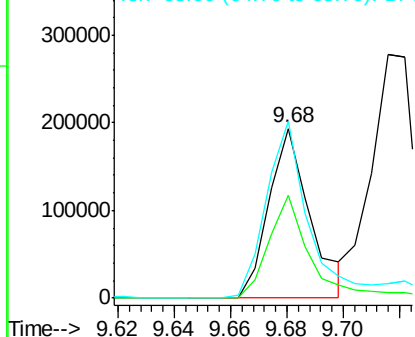


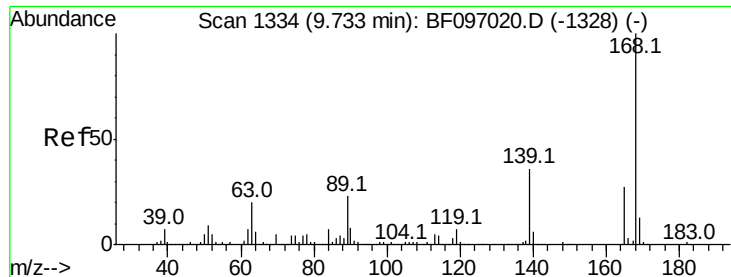
#55
4-Nitrophenol
Concen: 81.186 ng
RT: 9.68 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:139 Resp: 196741
Ion Ratio Lower Upper
139 100
109 60.6 34.1 74.1
65 104.3 31.4 71.4#



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





#56

2,4-Dinitrotoluene

Concen: 45.041 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

Tot Ion:165 Resp: 169989

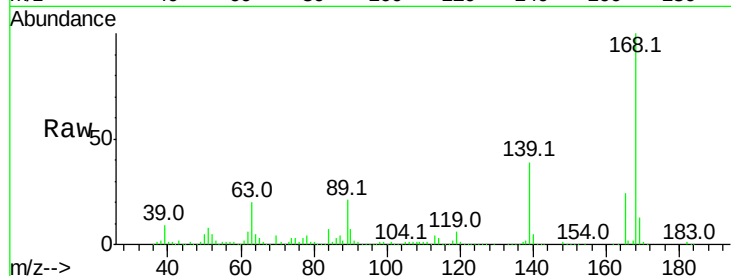
Ion Ratio Lower Upper

165 100

63 80.3 25.4 38.0#

89 84.2 46.4 69.6#

182 2.2 1.8 2.6

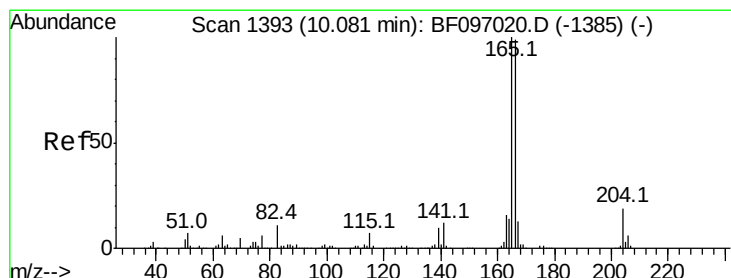
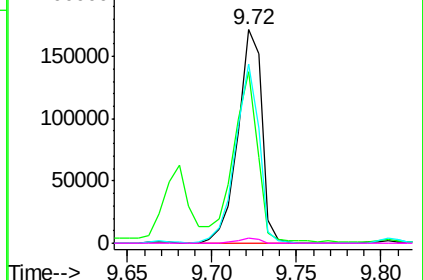
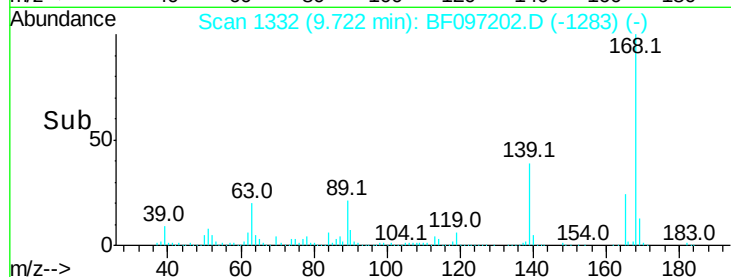


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.679 ng

RT: 10.06 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

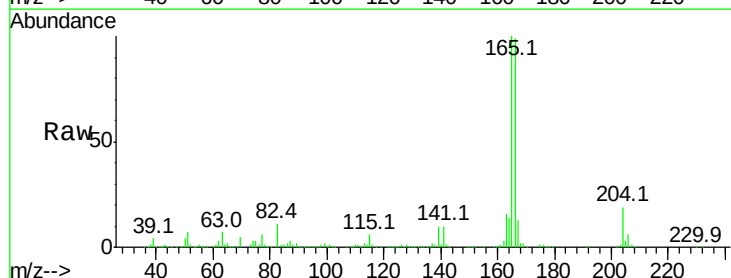
Tgt Ion:166 Resp: 529720

Ion Ratio Lower Upper

166 100

165 101.2 78.8 118.2

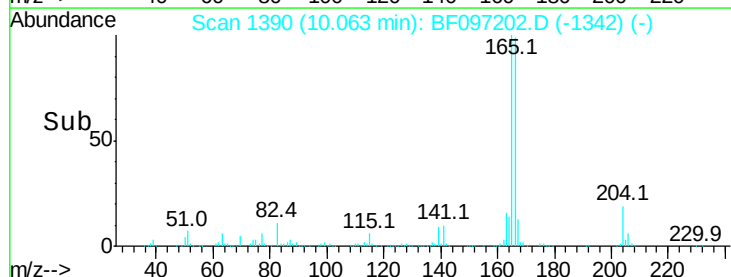
167 13.3 10.6 16.0



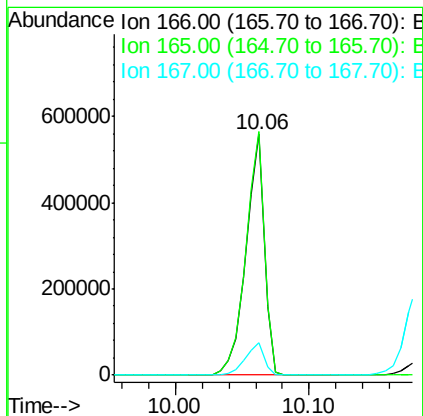
Abundance Ion 166.00 (165.70 to 166.70): E

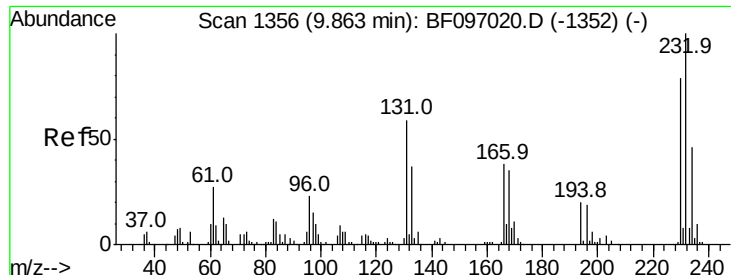
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

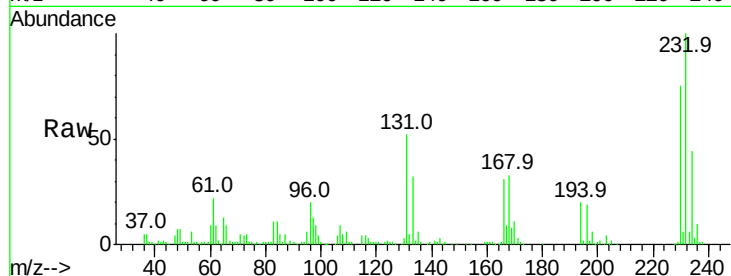




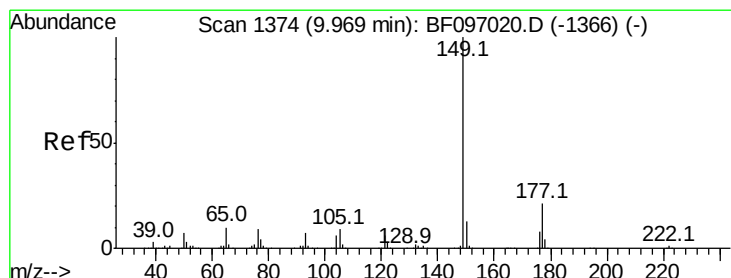
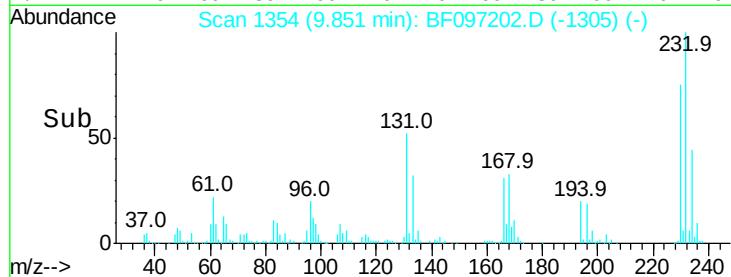
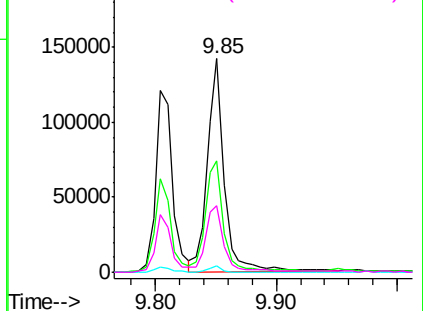
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.858 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

Tot Ion:	232	Resp:	135809
Ion	Ratio	Lower	Upper
232	100		
131	57.7	44.8	67.2
130	2.6	2.3	3.5
166	32.5	29.0	43.4

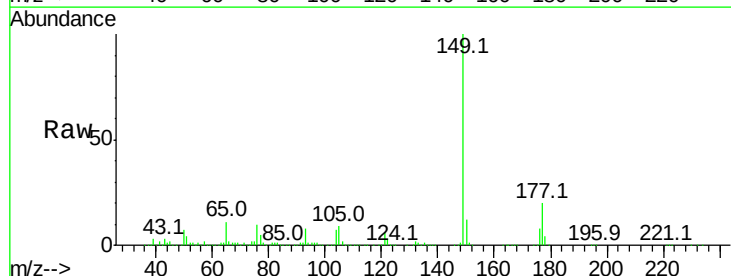


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

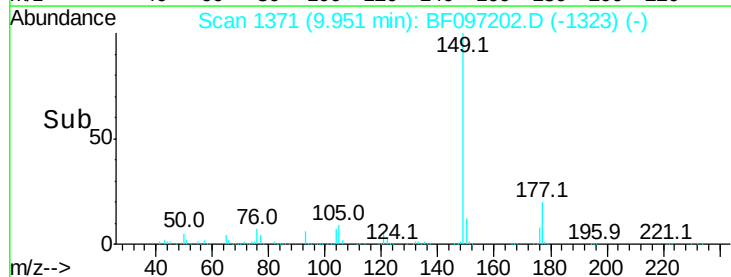
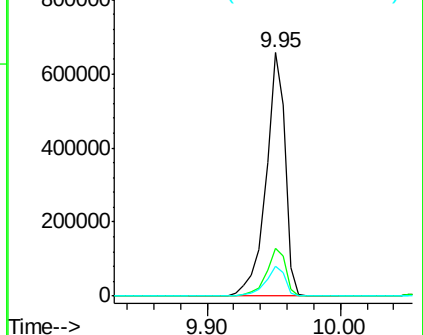


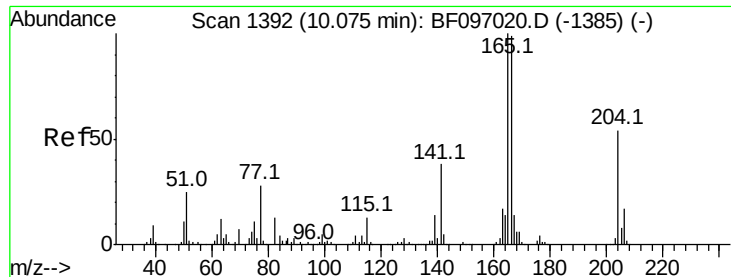
#59
 Diethylphthalate
 Concen: 45.651 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:	149	Resp:	648297
Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.7	25.1
150	12.5	10.2	15.2



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

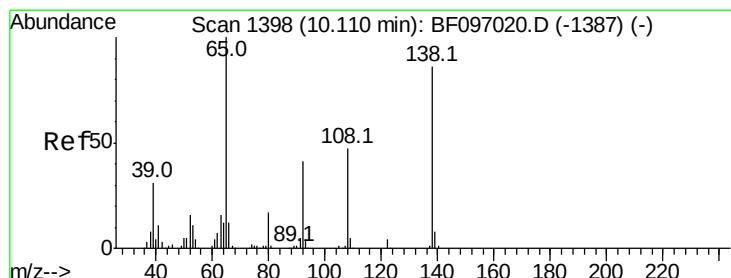
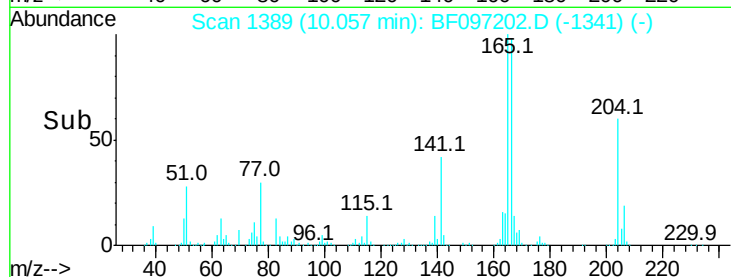
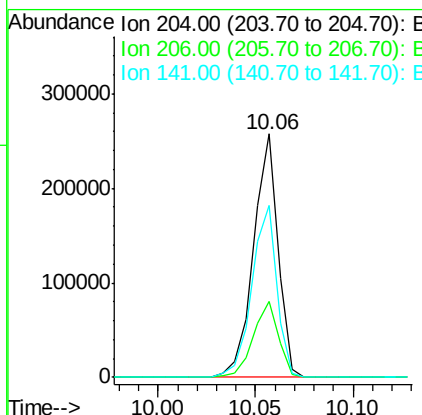
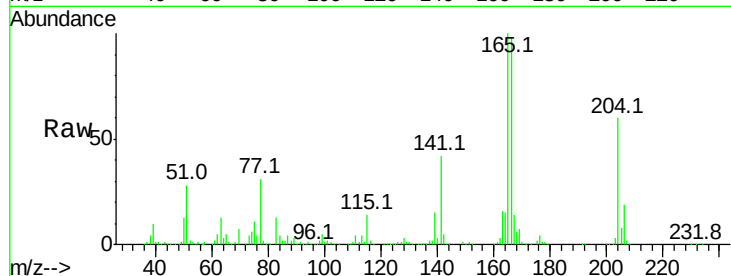




#60
4-Chlorophenyl-phenylether
Concen: 47.030 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

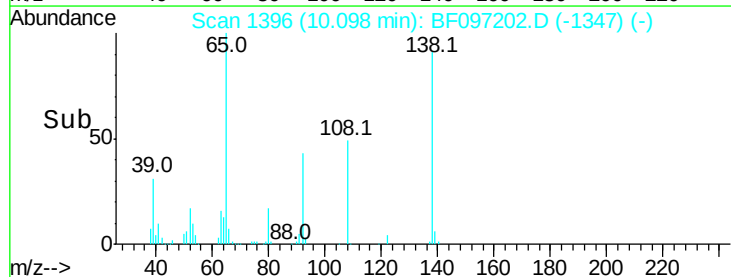
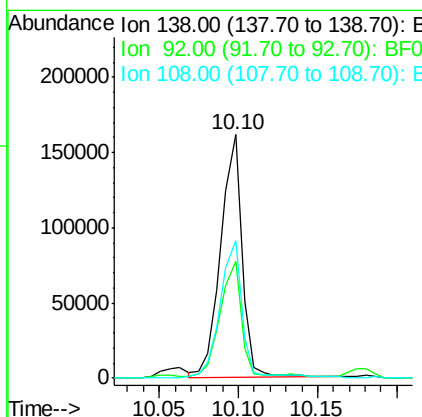
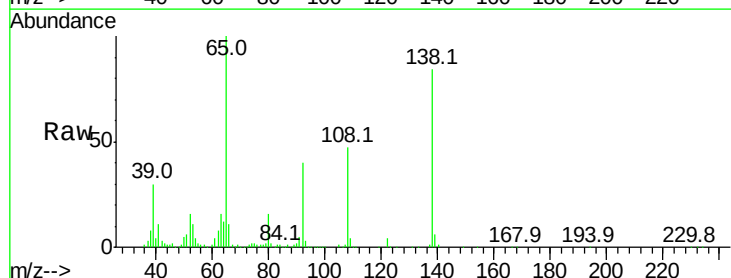
Instrument :
BNA_F
ClientSampleId :
PB101036BS

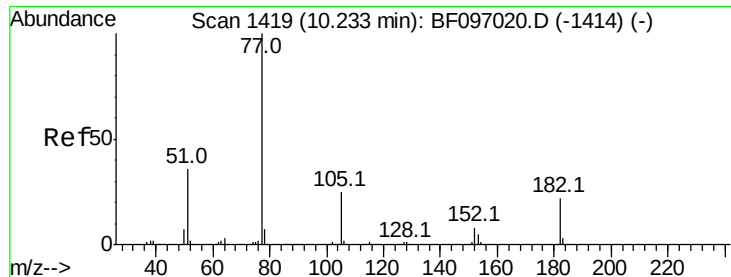
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.2	39.2
141	70.5	60.8	91.2



#61
4-Nitroaniline
Concen: 39.377 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	21.8	61.8
108	56.2	42.3	82.3





#62

Azobenzene

Concen: 51.373 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

Tot Ion: 77 Resp: 676792

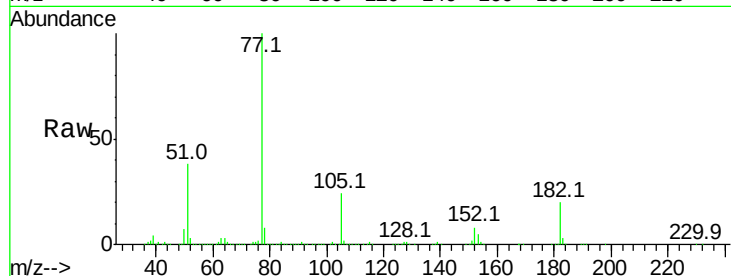
Ion Ratio Lower Upper

77 100

182 20.4 0.1 40.1

105 23.6 3.6 43.6

51 38.2 9.4 49.4

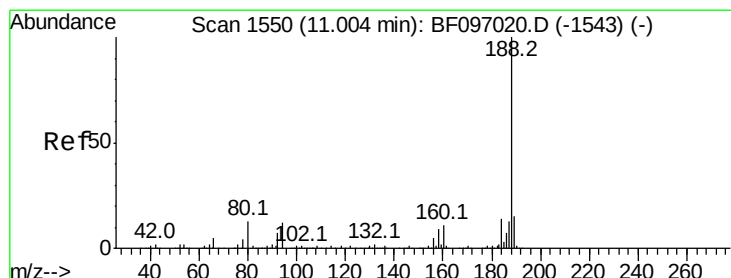
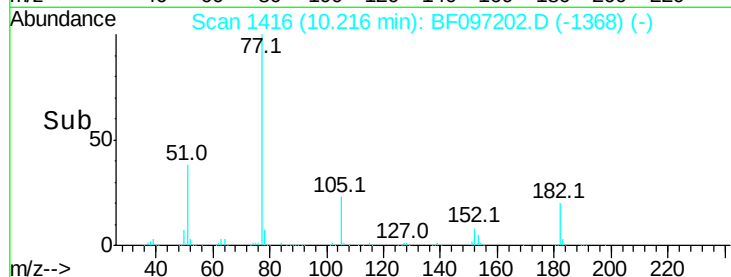
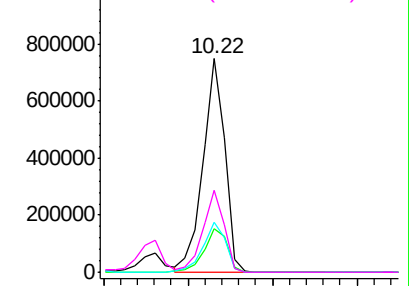


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

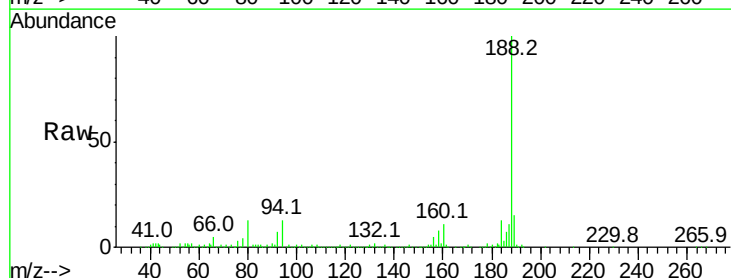
Tgt Ion: 188 Resp: 326644

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

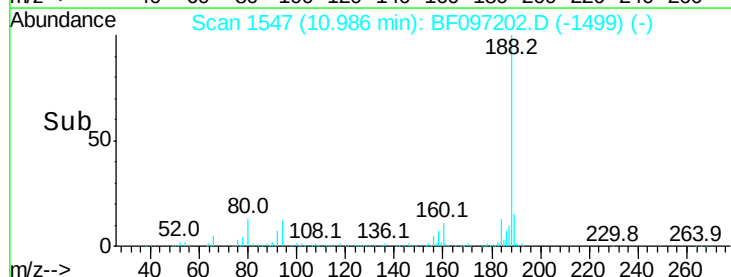
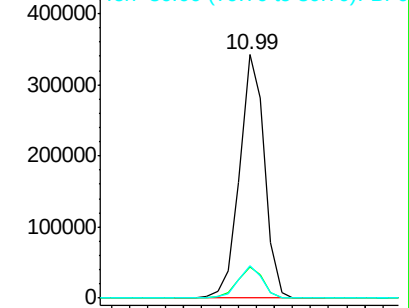
80 13.5 10.2 15.2

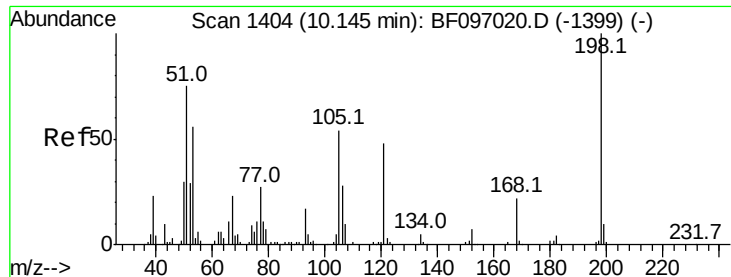


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 40.512 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

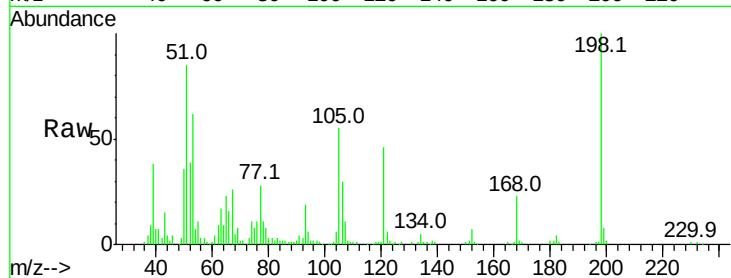
BNA_F

ClientSampleId :

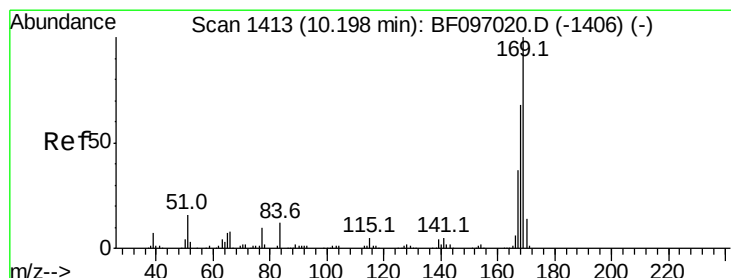
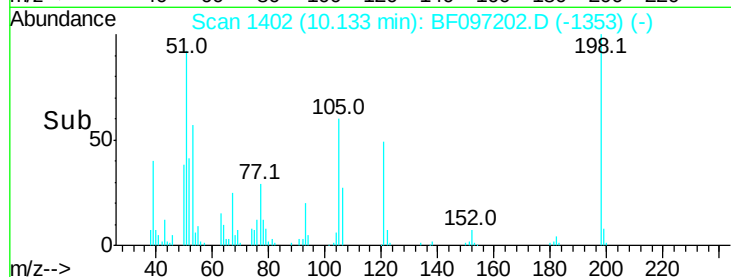
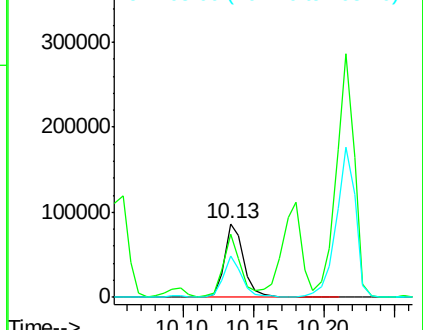
PB101036BS

Tot Ion:198 Resp: 82229

Ion	Ratio	Lower	Upper
198	100		
51	85.5	53.2	93.2
105	55.5	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 45.612 ng

RT: 10.18 min Scan# 1410

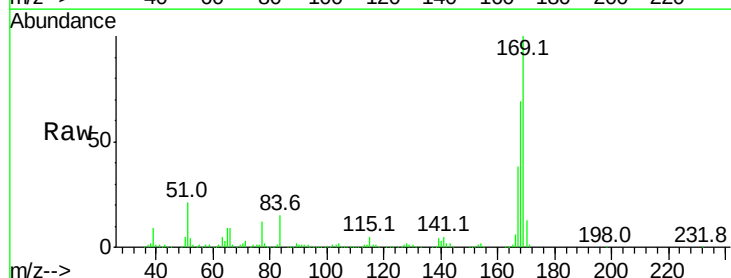
Delta R.T. -0.02 min

Lab File: BF097202.D

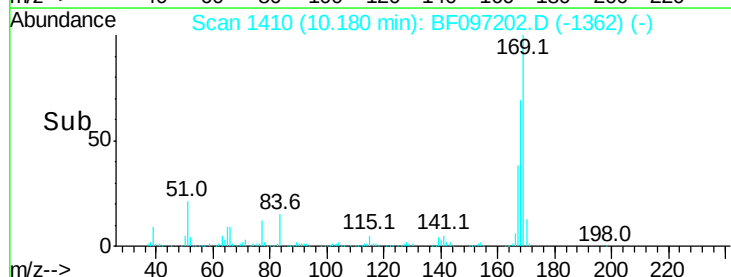
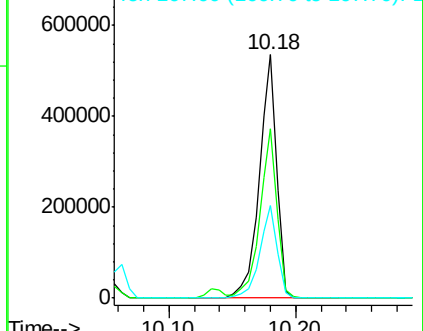
Acq: 31 Jul 2017 12:39

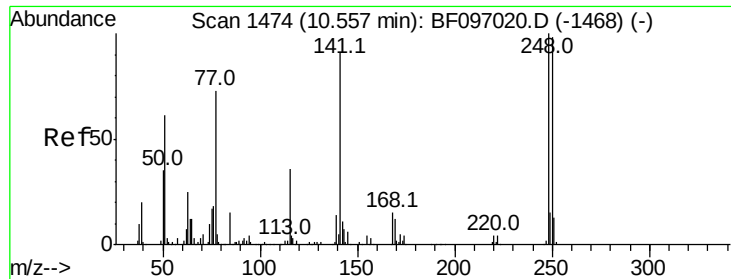
Tgt Ion:169 Resp: 518389

Ion	Ratio	Lower	Upper
169	100		
168	69.4	53.2	79.8
167	38.2	29.5	44.3



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

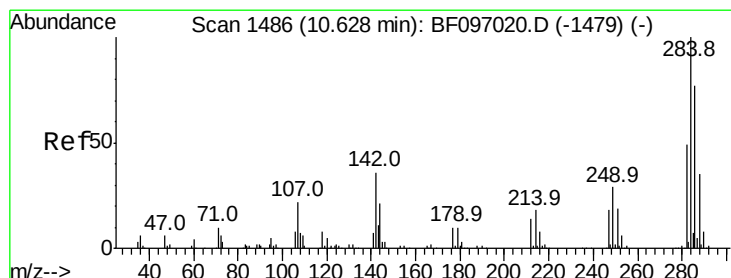
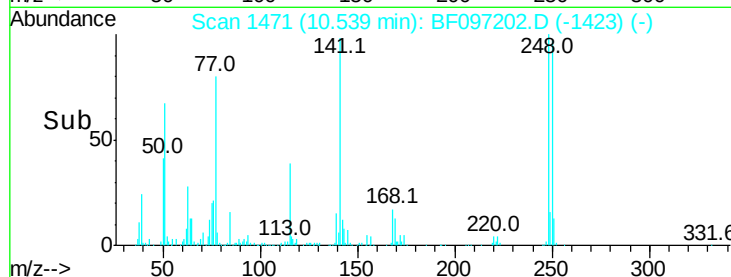
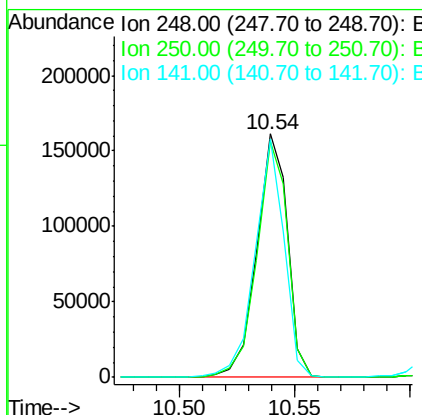
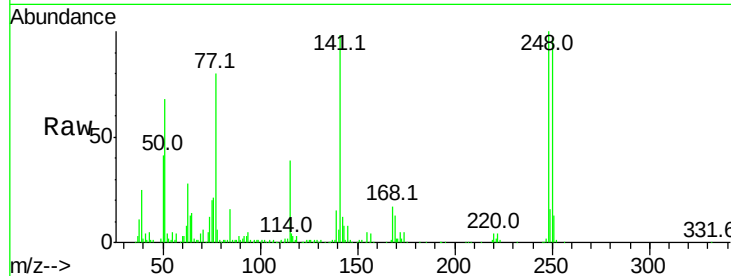




#66
4-Bromophenyl-phenylether
Concen: 46.057 ng
RT: 10.54 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

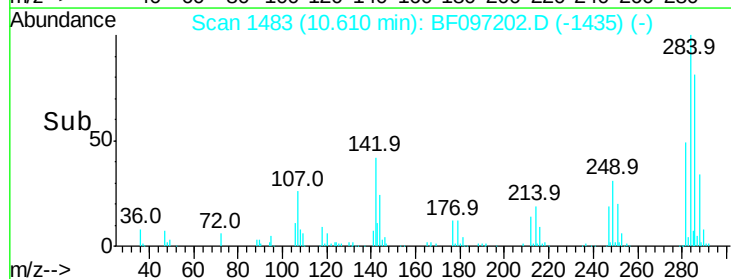
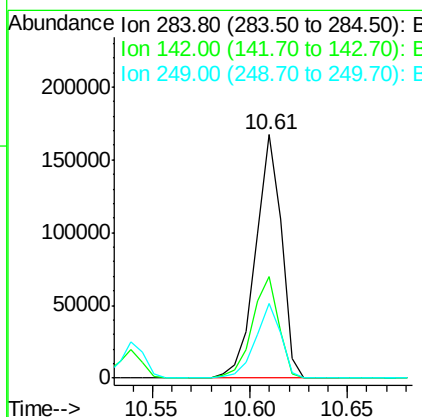
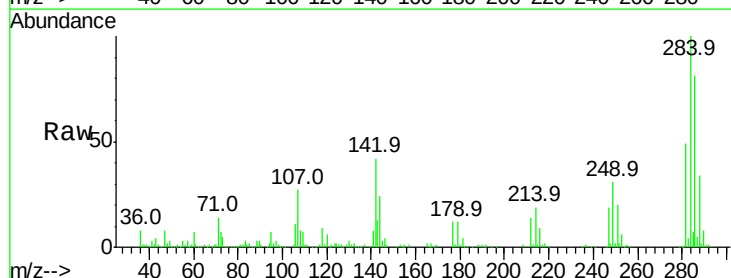
Instrument :
BNA_F
ClientSampleId :
PB101036BS

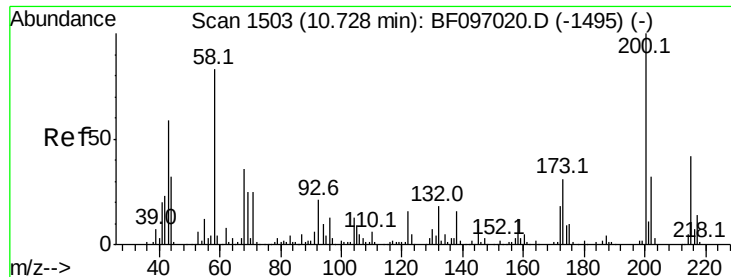
Tot Ion:248 Resp: 150136
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 97.9 68.6 103.0



#67
Hexachlorobenzene
Concen: 42.056 ng
RT: 10.61 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:284 Resp: 153738
Ion Ratio Lower Upper
284 100
142 41.9 22.8 34.2#
249 30.6 24.0 36.0

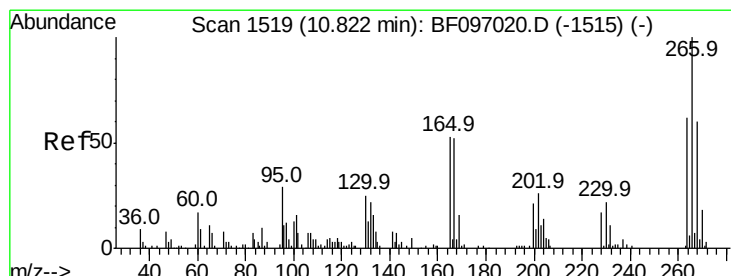
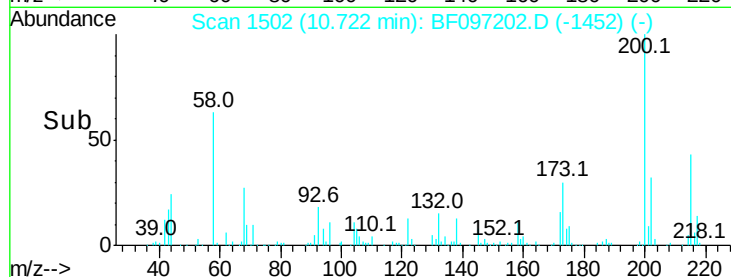
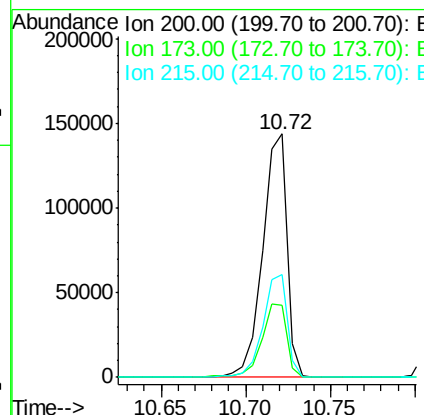
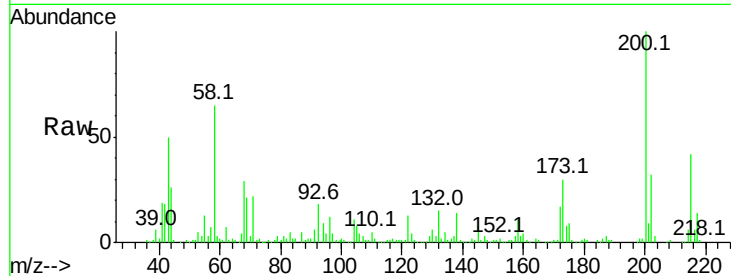




#68
 Atrazine
 Concen: 44.308 ng
 RT: 10.72 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

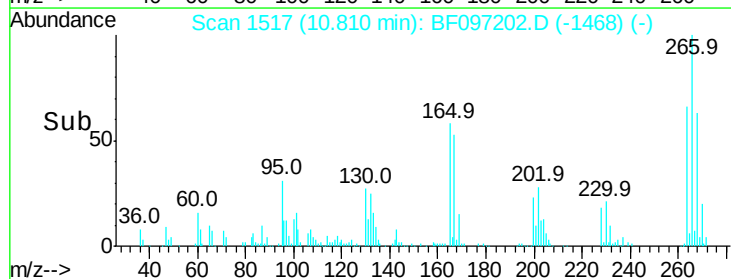
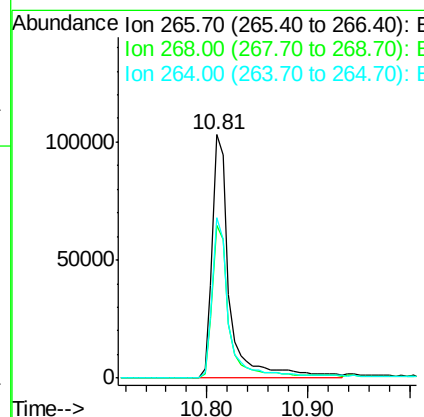
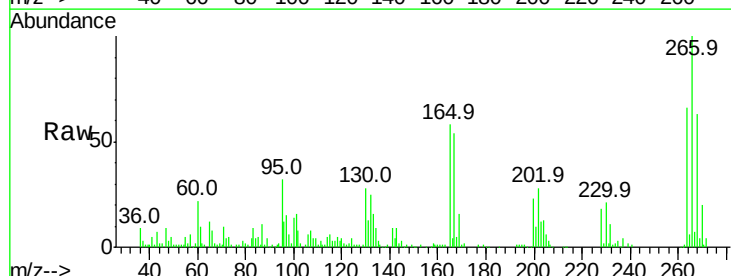
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

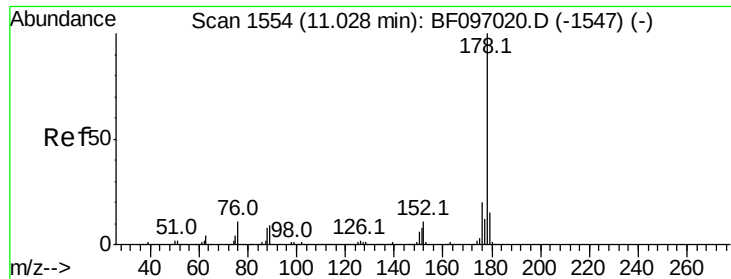
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	6.3	46.3
215	42.4	27.2	67.2



#69
 Pentachlorophenol
 Concen: 82.438 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	65.8	51.7	77.5





#70

Phenanthrene

Concen: 44.760 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

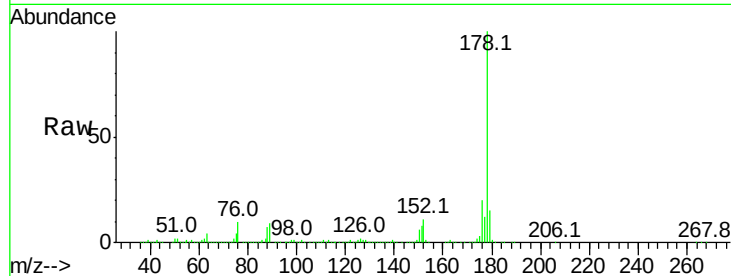
Tot Ion:178 Resp: 783374

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

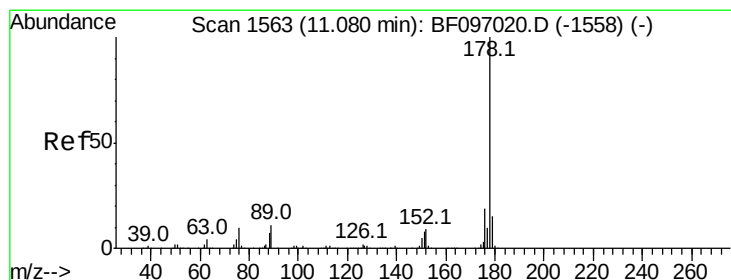
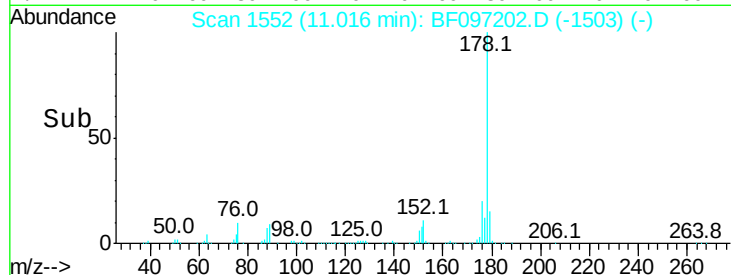
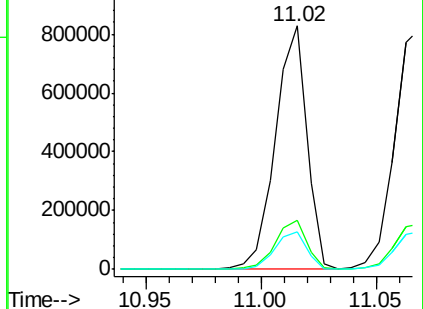
179 15.3 12.6 19.0



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: 45.434 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

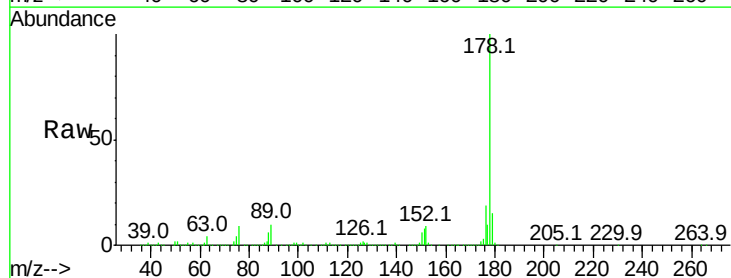
Tgt Ion:178 Resp: 814436

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

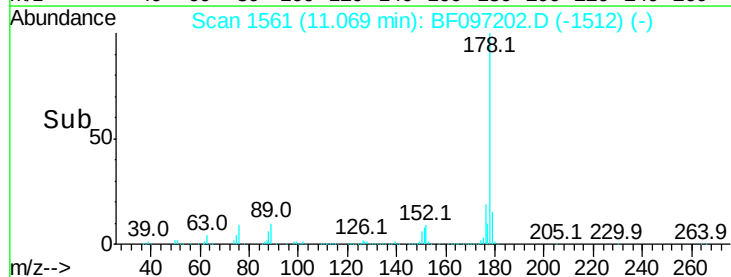
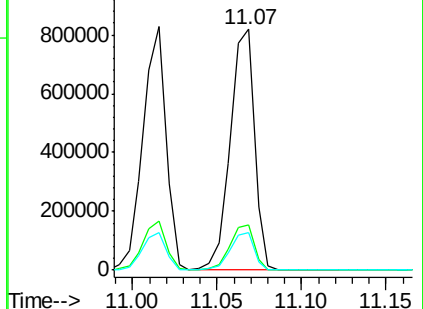
179 15.3 12.7 19.1

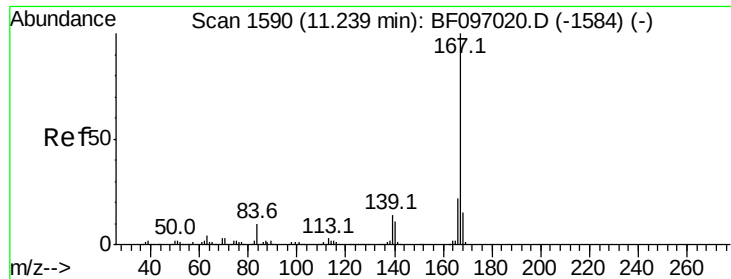


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

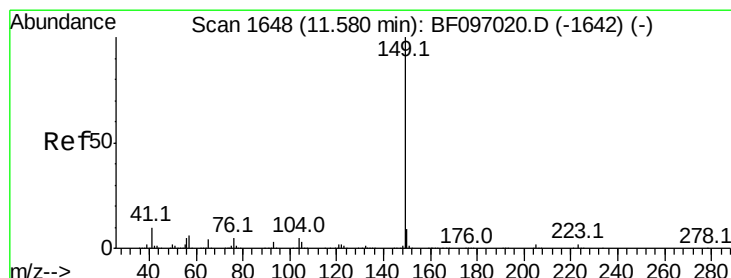
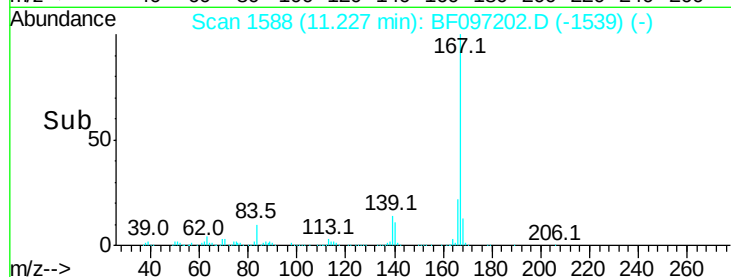
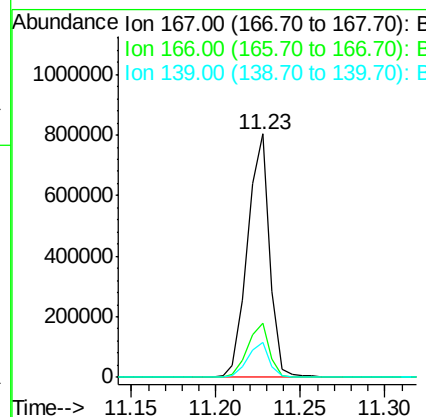
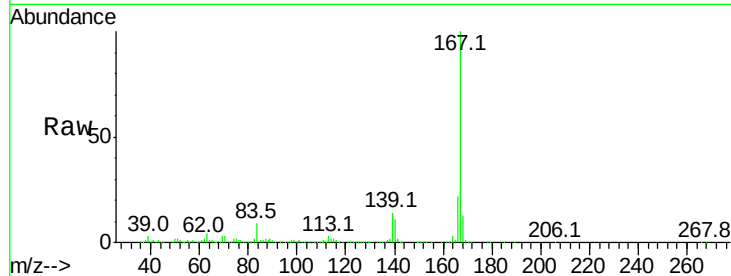




#72
 Carbazole
 Concen: 41.517 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

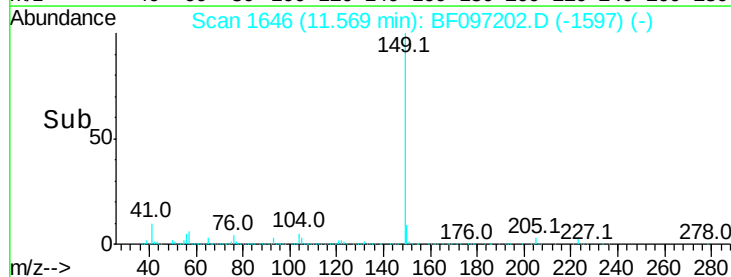
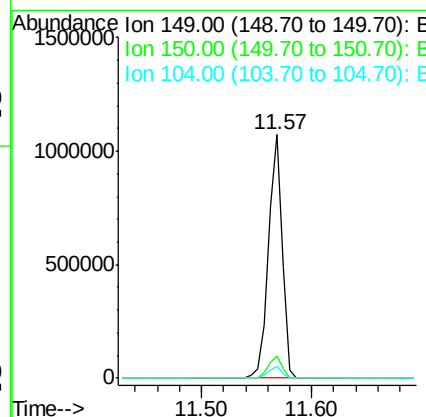
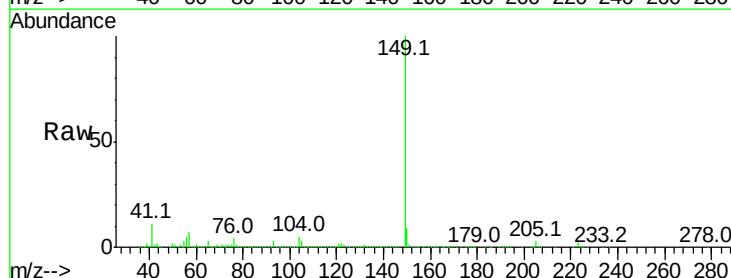
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

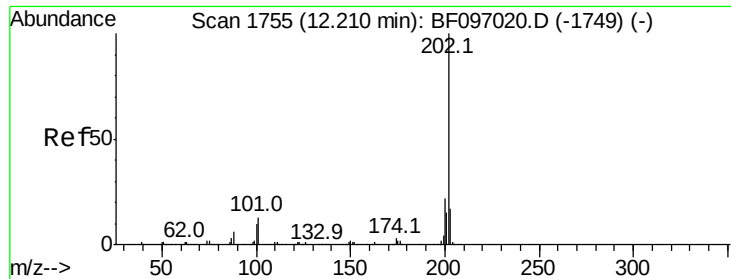
Tot Ion:167 Resp: 731910
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.2 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 42.889 ng
 RT: 11.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:149 Resp: 934623
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.7 4.0 6.0

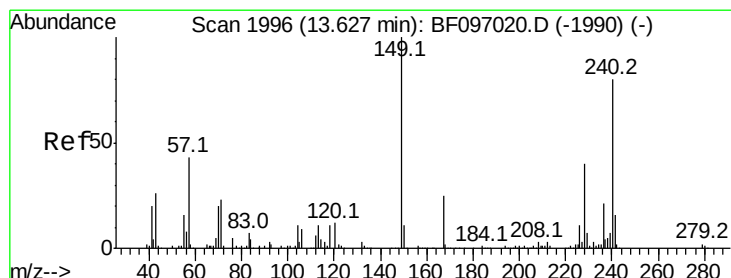
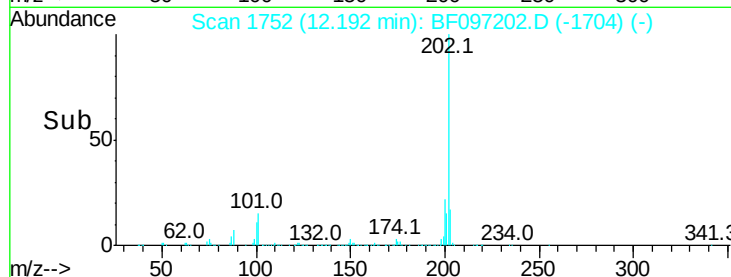
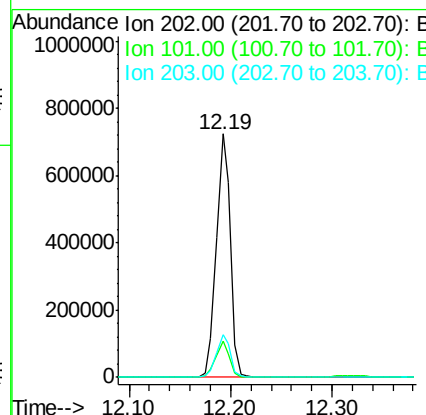
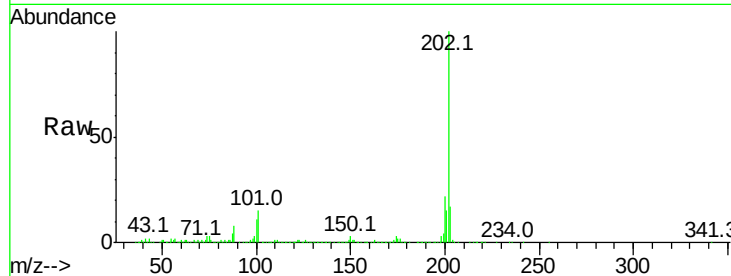




#74
 Fluoranthene
 Concen: 40.513 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

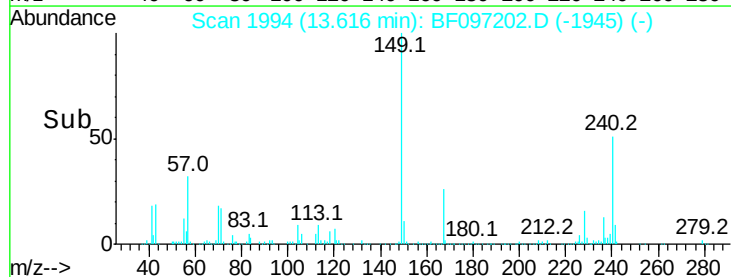
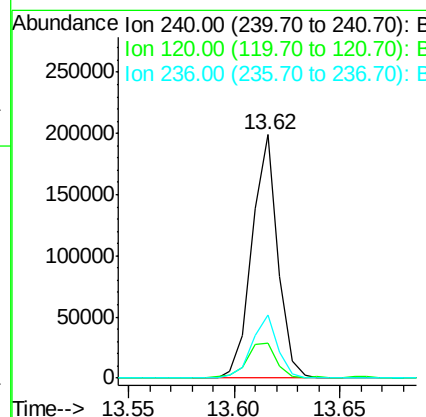
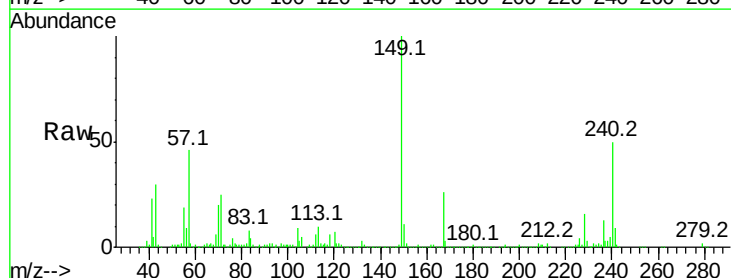
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

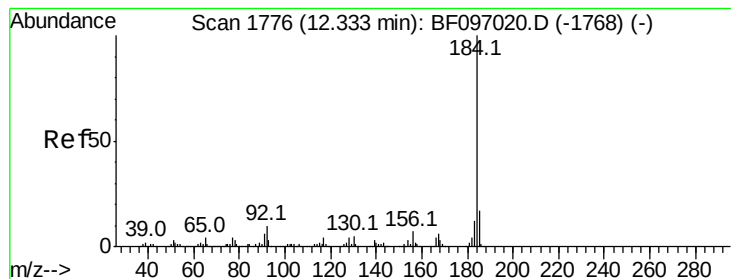
Tot Ion:202 Resp: 694614
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 33.2
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.62 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion:240 Resp: 169158
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 26.2 20.5 30.7





#76

Benzidine

Concen: 42.700 ng

RT: 12.33 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

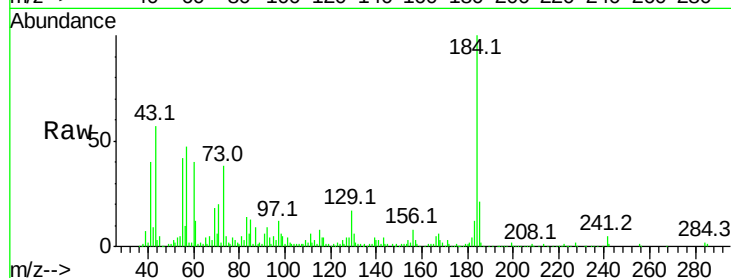
Tot Ion:184 Resp: 268011

Ion Ratio Lower Upper

184 100

185 20.5 15.5 23.3

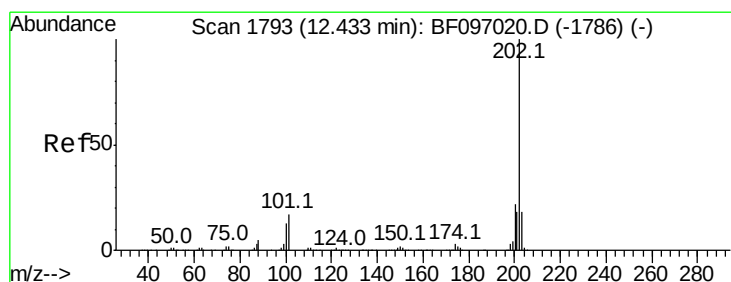
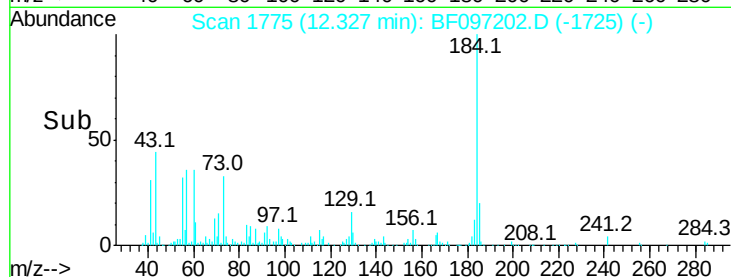
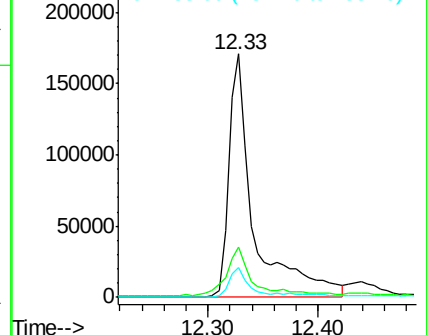
183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 50.051 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

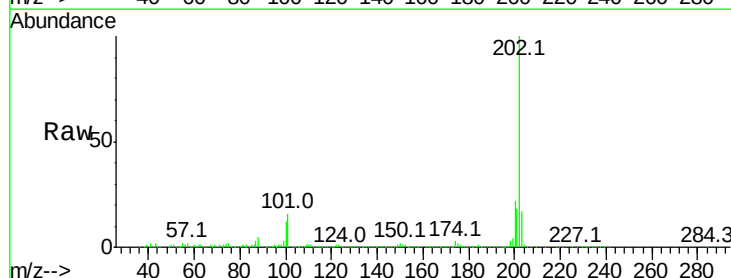
Tgt Ion:202 Resp: 693131

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

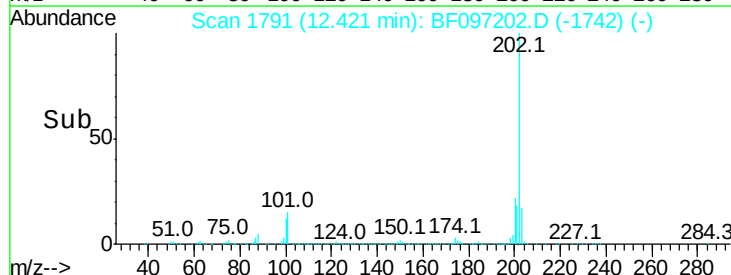
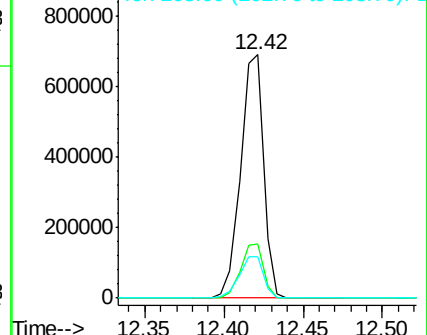
203 17.1 14.4 21.6

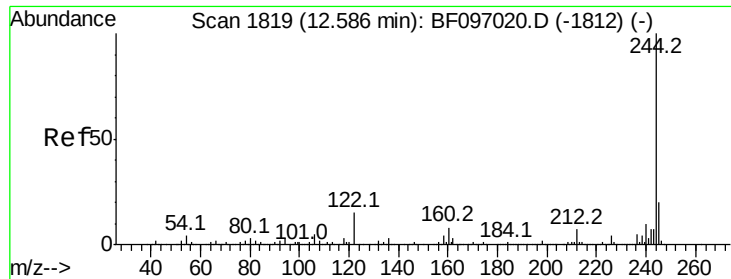


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

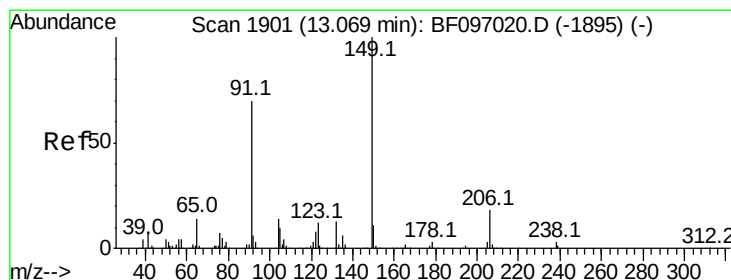
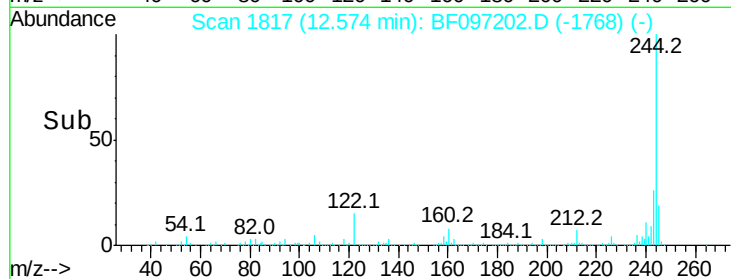
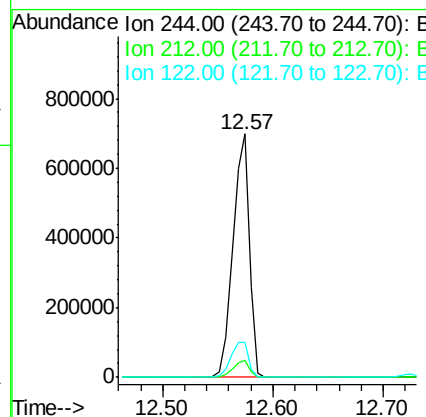
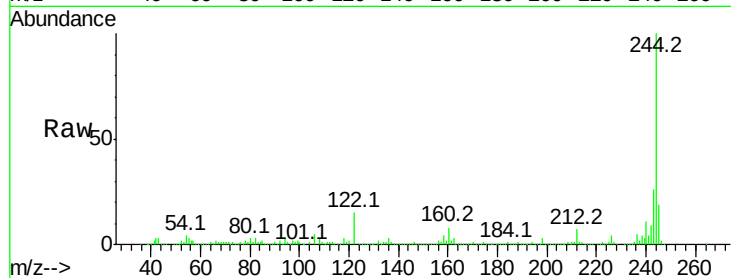




#78
 Terphenyl-d14
 Concen: 87.986 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

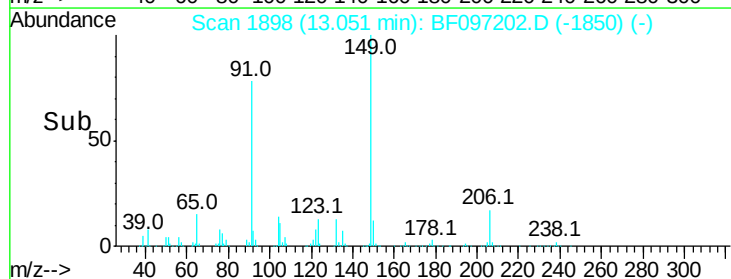
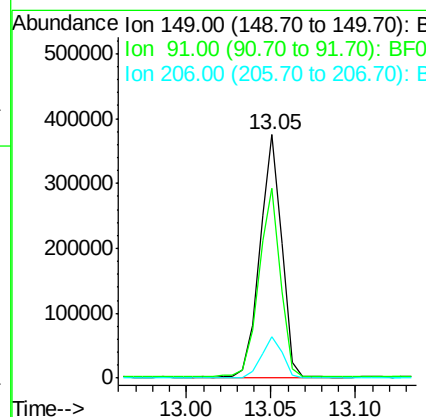
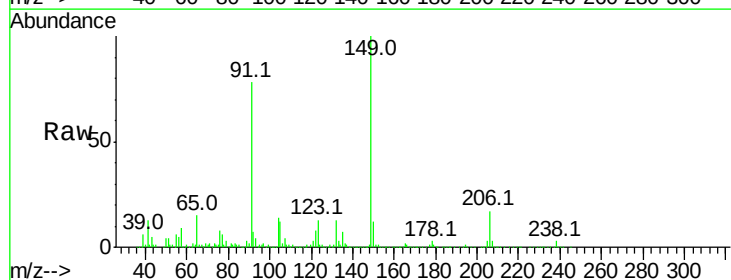
Instrument :
 BNA_F
 ClientSampleId :
 PB101036BS

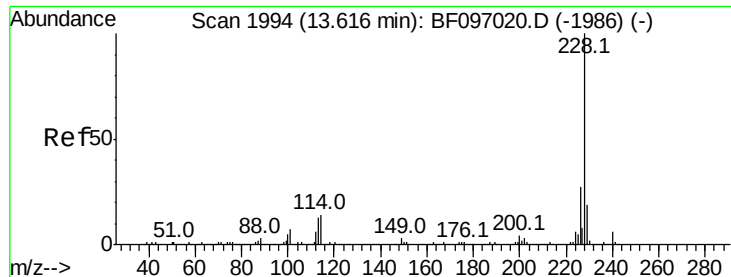
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.6	10.3	15.5



#79
 Butylbenzylphthalate
 Concen: 47.510 ng
 RT: 13.05 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BF097202.D
 Acq: 31 Jul 2017 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.2	45.0	67.4#
206	16.8	17.0	25.6#





#80

Benzo(a)anthracene

Concen: 45.916 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

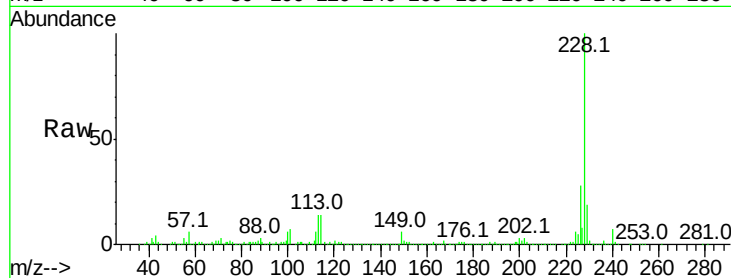
Tot Ion:228 Resp: 502557

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

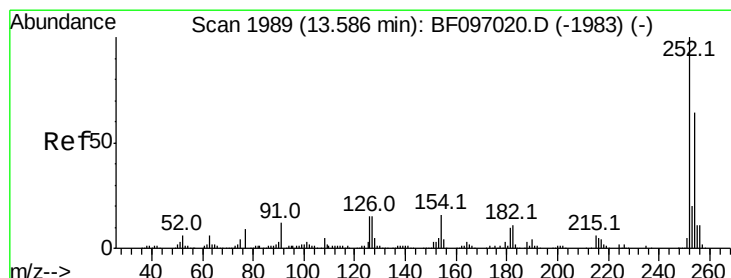
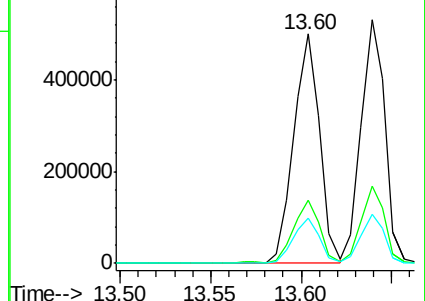
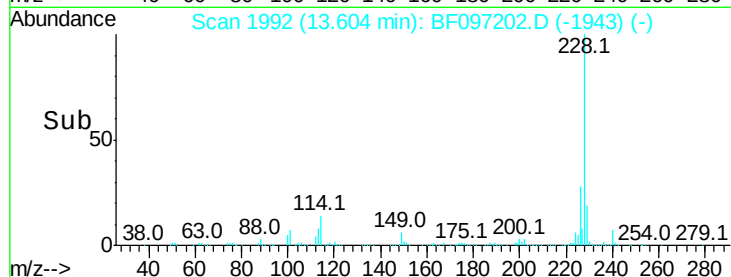
229 19.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.832 ng

RT: 13.57 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

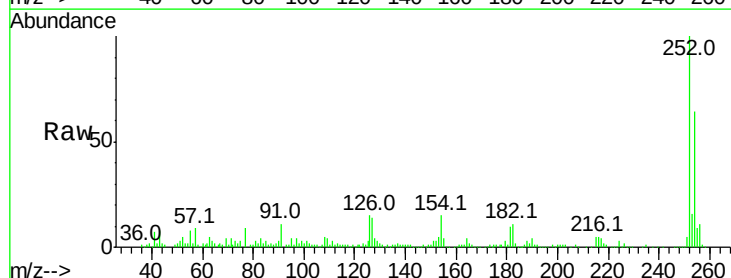
Tgt Ion:252 Resp: 172663

Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

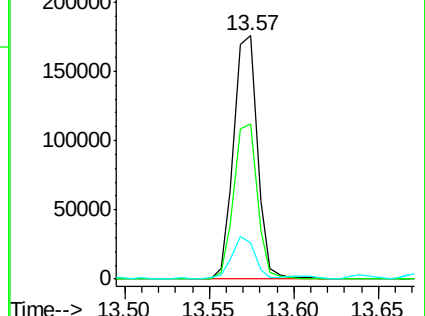
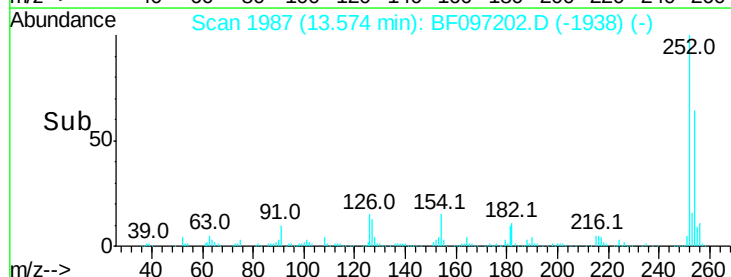
126 15.0 15.8 23.8#

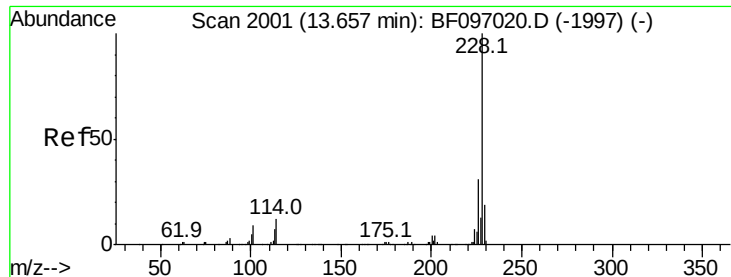


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.536 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

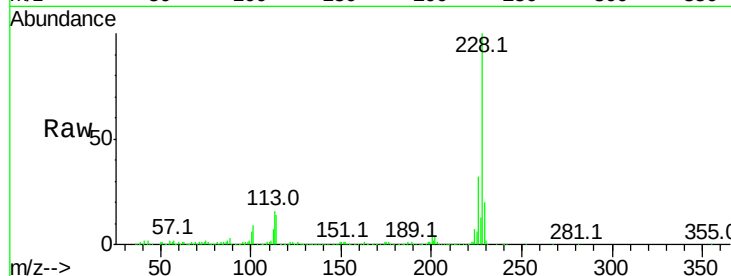
Tot Ion:228 Resp: 486669

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

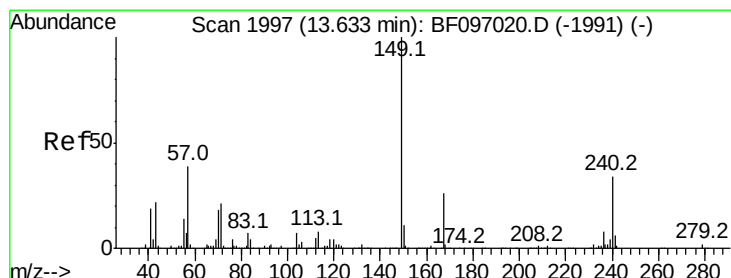
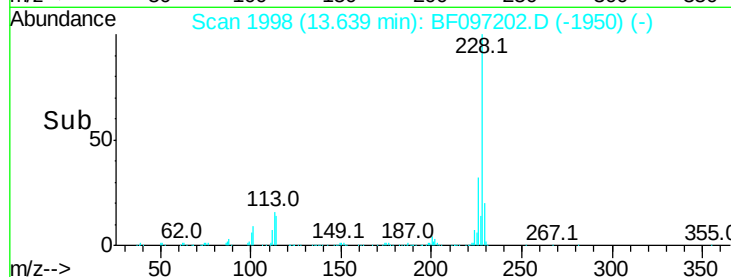
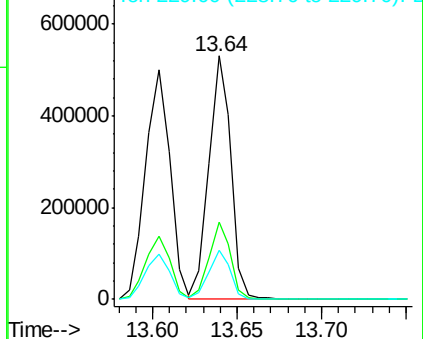
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.486 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

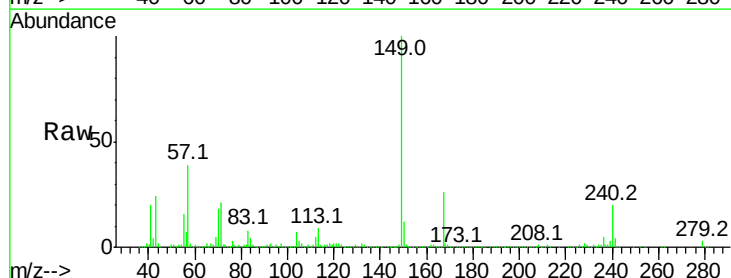
Tgt Ion:149 Resp: 409162

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

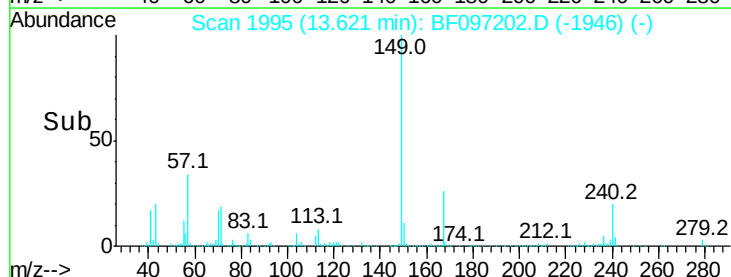
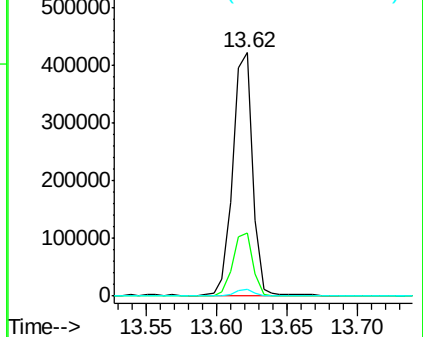
279 2.7 1.9 2.9

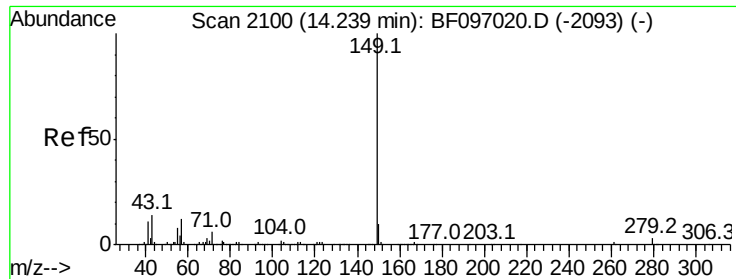


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 44.722 ng

RT: 14.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :

BNA_F

ClientSampleId :

PB101036BS

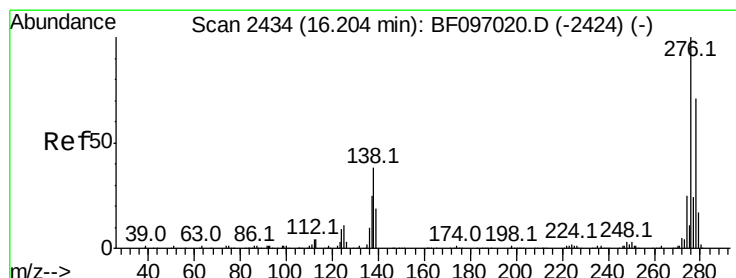
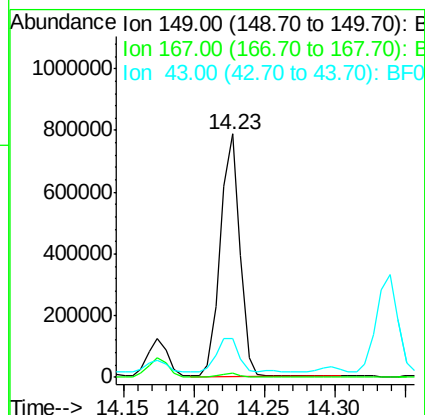
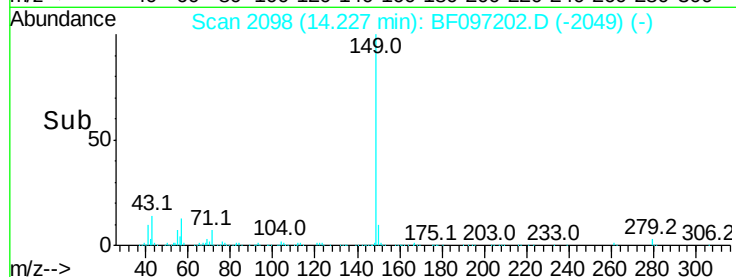
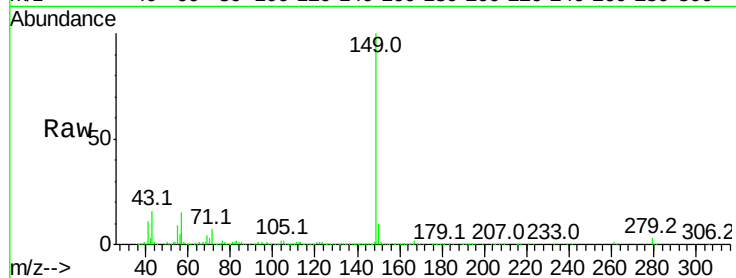
Tot Ion:149 Resp: 754845

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 16.0 8.5 12.7#



#85

Indeno(1,2,3-cd)pyrene

Concen: 55.448 ng

RT: 16.20 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

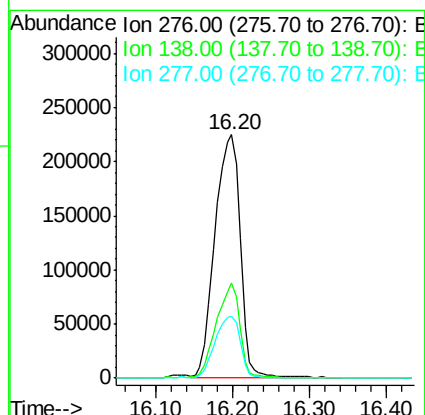
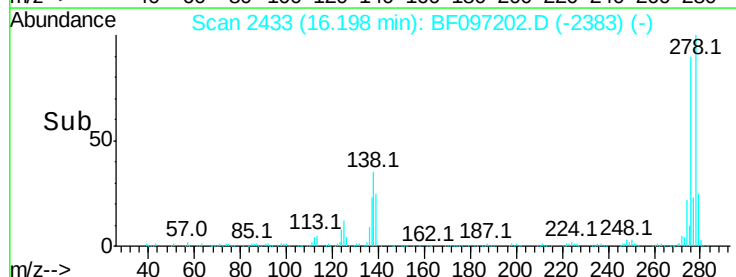
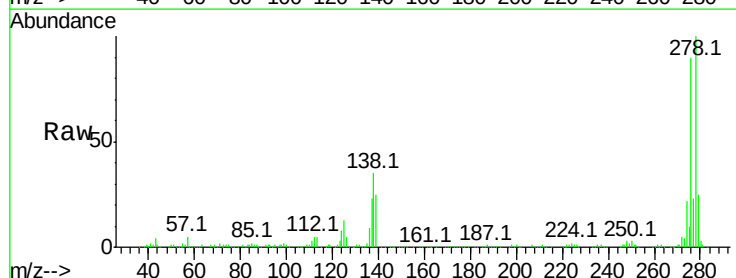
Tgt Ion:276 Resp: 508152

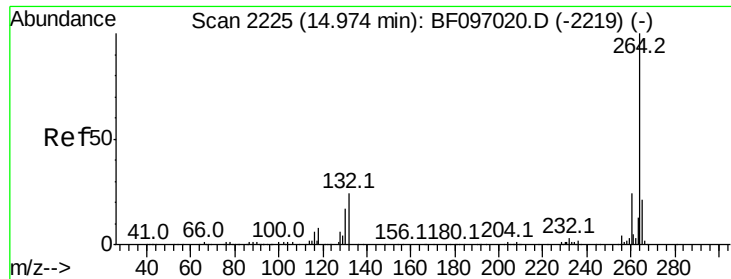
Ion Ratio Lower Upper

276 100

138 35.5 27.8 41.6

277 25.1 20.2 30.4

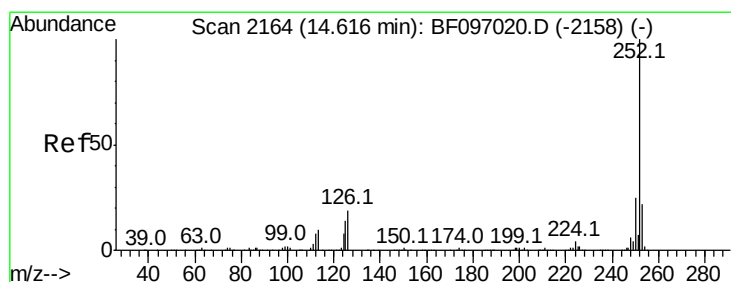
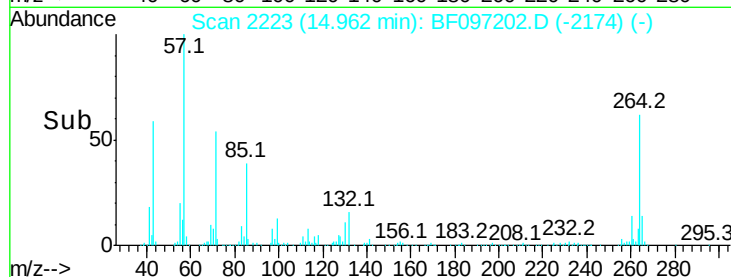
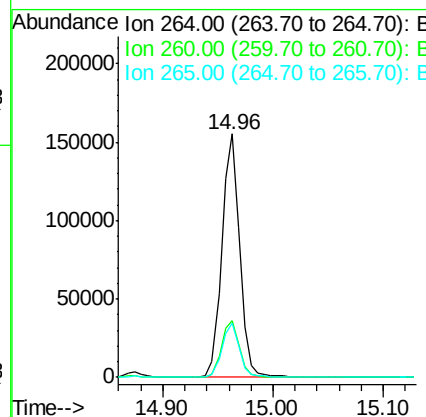
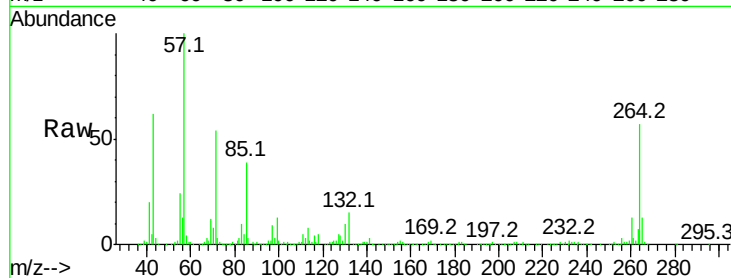




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

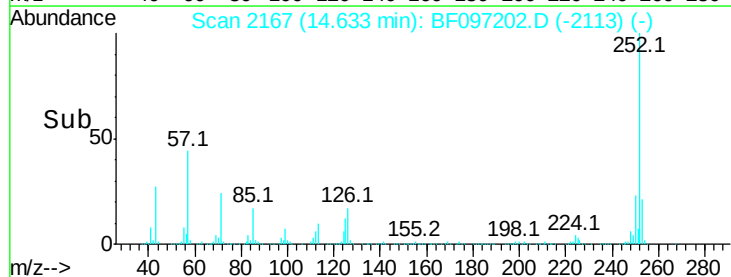
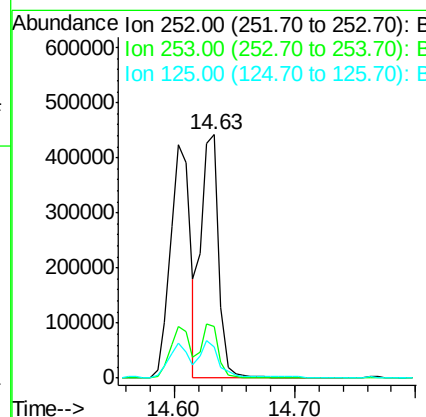
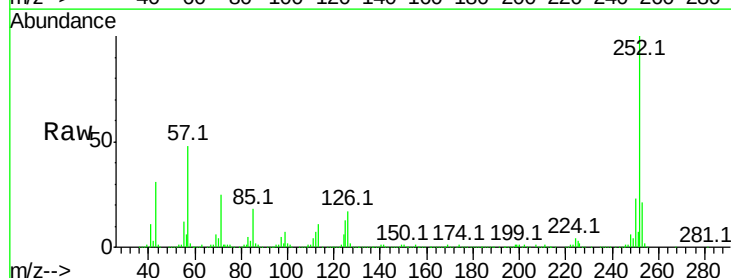
Instrument :
BNA_F
ClientSampleId :
PB101036BS

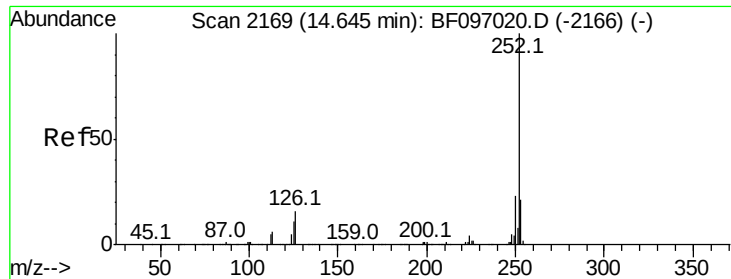
Tot Ion:264 Resp: 174177
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 22.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 42.737 ng
RT: 14.63 min Scan# 2167
Delta R.T. 0.02 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:252 Resp: 447466
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 12.7 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 49.017 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.04 min

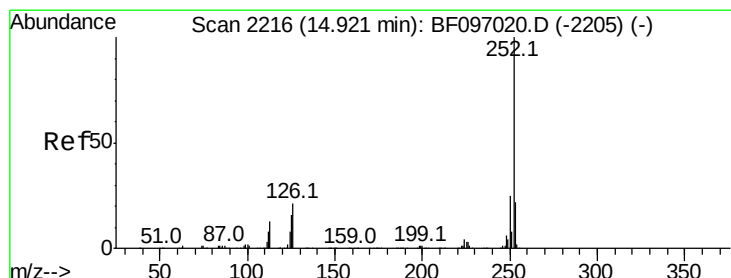
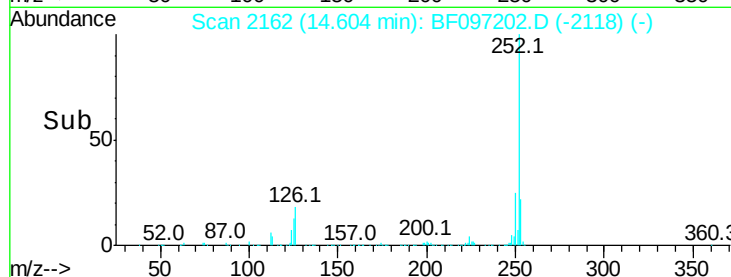
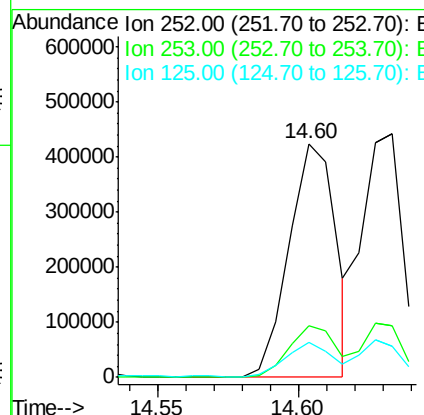
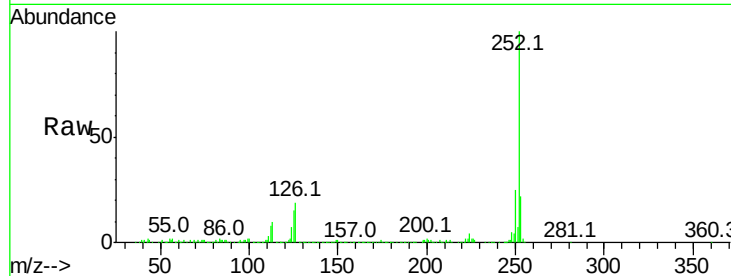
Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:252 Resp: 489049

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.0	13.1	19.7



#89

Benzo(a)pyrene

Concen: 50.206 ng

RT: 14.92 min Scan# 2215

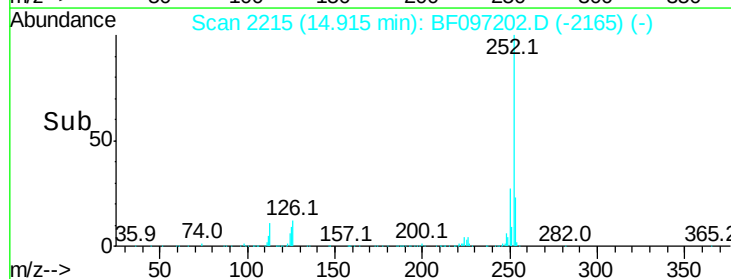
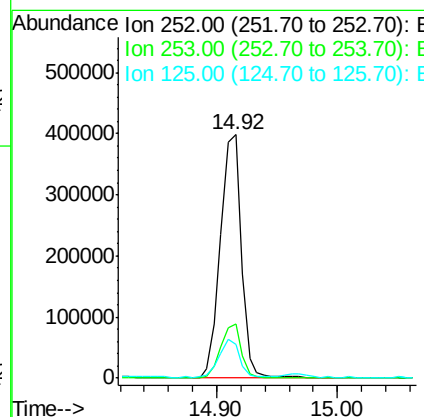
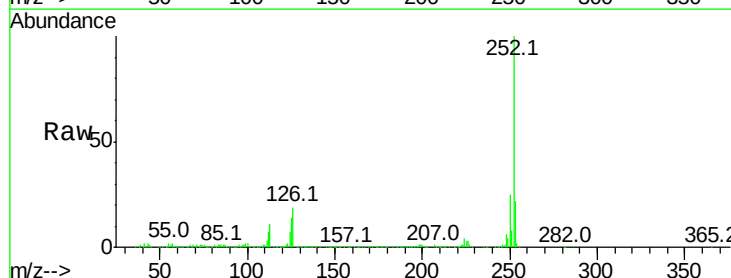
Delta R.T. -0.01 min

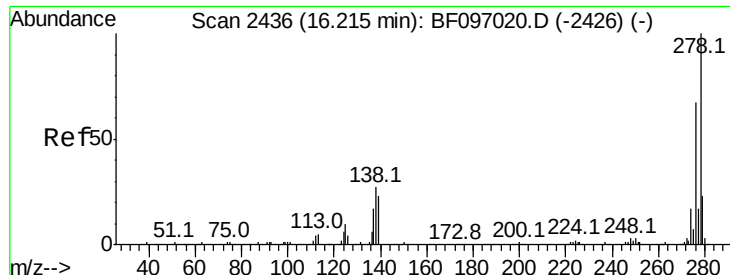
Lab File: BF097202.D

Acq: 31 Jul 2017 12:39

Tgt Ion:252 Resp: 481103

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.0	11.0	16.4



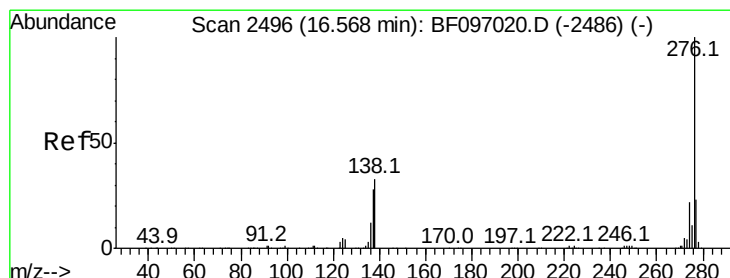
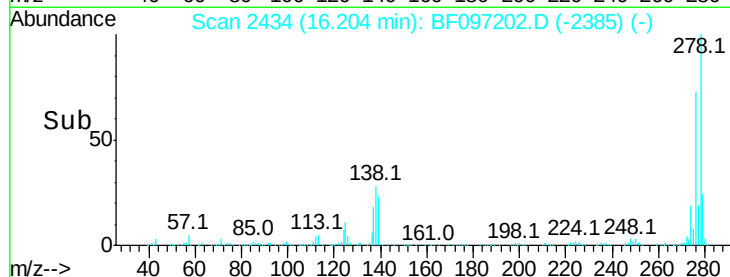
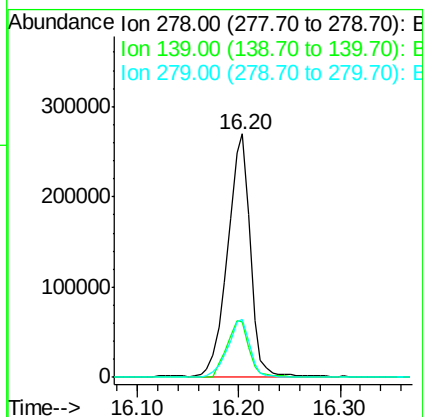
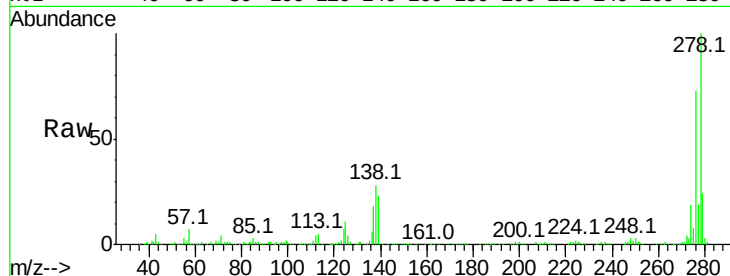


#90
Dibenzo(a,h)anthracene
Concen: 52.738 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Instrument :
BNA_F
ClientSampleId :
PB101036BS

Tot Ion:278 Resp: 414423

Ion	Ratio	Lower	Upper
278	100		
139	22.6	16.6	24.8
279	23.8	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 57.689 ng
RT: 16.56 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097202.D
Acq: 31 Jul 2017 12:39

Tgt Ion:276 Resp: 475394

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	31.3	25.4	38.0

