

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097600.D
 Acq On : 11 Aug 2017 18:04
 Operator : SJ/JU
 Sample : PB101452BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

Quant Time: Aug 12 00:49:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	98024	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	422532	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	184160	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	302736	20.00	ng	0.00
75) Chrysene-d12	18.46	240	231884	20.00	ng	0.00
86) Perylene-d12	20.13	264	182261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	876638	142.15	ng	0.02
7) Phenol-d6	7.07	99	957697	125.19	ng	0.01
23) Nitrobenzene-d5	8.42	82	549055	81.48	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	175707	125.51	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	983794	80.62	ng	0.00
78) Terphenyl-d14	17.12	244	773792	69.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	103098	38.52	ng	# 69
3) Pyridine	2.48	79	294017	37.67	ng	# 63
4) n-Nitrosodimethylamine	2.43	42	172249	38.03	ng	# 74
6) Aniline	7.01	93	197158	17.93	ng	97
8) 2-Chlorophenol	7.19	128	287828	40.71	ng	92
9) Benzaldehyde	6.82	77	103452	20.51	ng	99
10) Phenol	7.08	94	351007	41.91	ng	96
11) bis(2-Chloroethyl)ether	7.15	93	241194	35.90	ng	88
12) 1,3-Dichlorobenzene	7.41	146	307765	38.87	ng	99
13) 1,4-Dichlorobenzene	7.53	146	313426	38.89	ng	95
14) 1,2-Dichlorobenzene	7.77	146	288576	39.24	ng	98
15) Benzyl Alcohol	7.80	79	248295	46.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.00	45	612830	40.63	ng	90
17) 2-Methylphenol	8.03	107	235719	43.02	ng	97
18) Hexachloroethane	8.29	117	107790	39.10	ng	# 79
19) n-Nitroso-di-n-propylamine	8.23	70	222731	41.86	ng	# 84
20) 3+4-Methylphenols	8.30	107	306755	45.72	ng	# 63
22) Acetophenone	8.19	105	409530	41.03	ng	# 98
24) Nitrobenzene	8.45	77	299784	40.82	ng	95
25) Isophorone	8.85	82	565047	45.52	ng	97
26) 2-Nitrophenol	8.96	139	164558	44.30	ng	# 86
27) 2,4-Dimethylphenol	9.10	122	272181	43.94	ng	96
28) bis(2-Chloroethoxy)methane	9.23	93	371692	41.44	ng	98
29) 2,4-Dichlorophenol	9.39	162	248932	45.58	ng	97
30) 1,2,4-Trichlorobenzene	9.47	180	214707	39.65	ng	98
31) Naphthalene	9.57	128	834184	39.42	ng	100
32) Benzoic acid	9.47	122	158859	47.60	ng	95
33) 4-Chloroaniline	9.73	127	84773	9.67	ng	96
34) Hexachlorobutadiene	9.79	225	111456	37.68	ng	97
35) Caprolactam	10.36	113	47110	26.77	ng	# 48
36) 4-Chloro-3-methylphenol	10.59	107	236989	38.62	ng	89
37) 2-Methylnaphthalene	10.70	142	551029	41.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	191966	36.81	ng	99
40) Hexachlorocyclopentadiene	10.96	237	115156	98.63	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097600.D
 Acq On : 11 Aug 2017 18:04
 Operator : SJ/JU
 Sample : PB101452BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

Quant Time: Aug 12 00:49:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

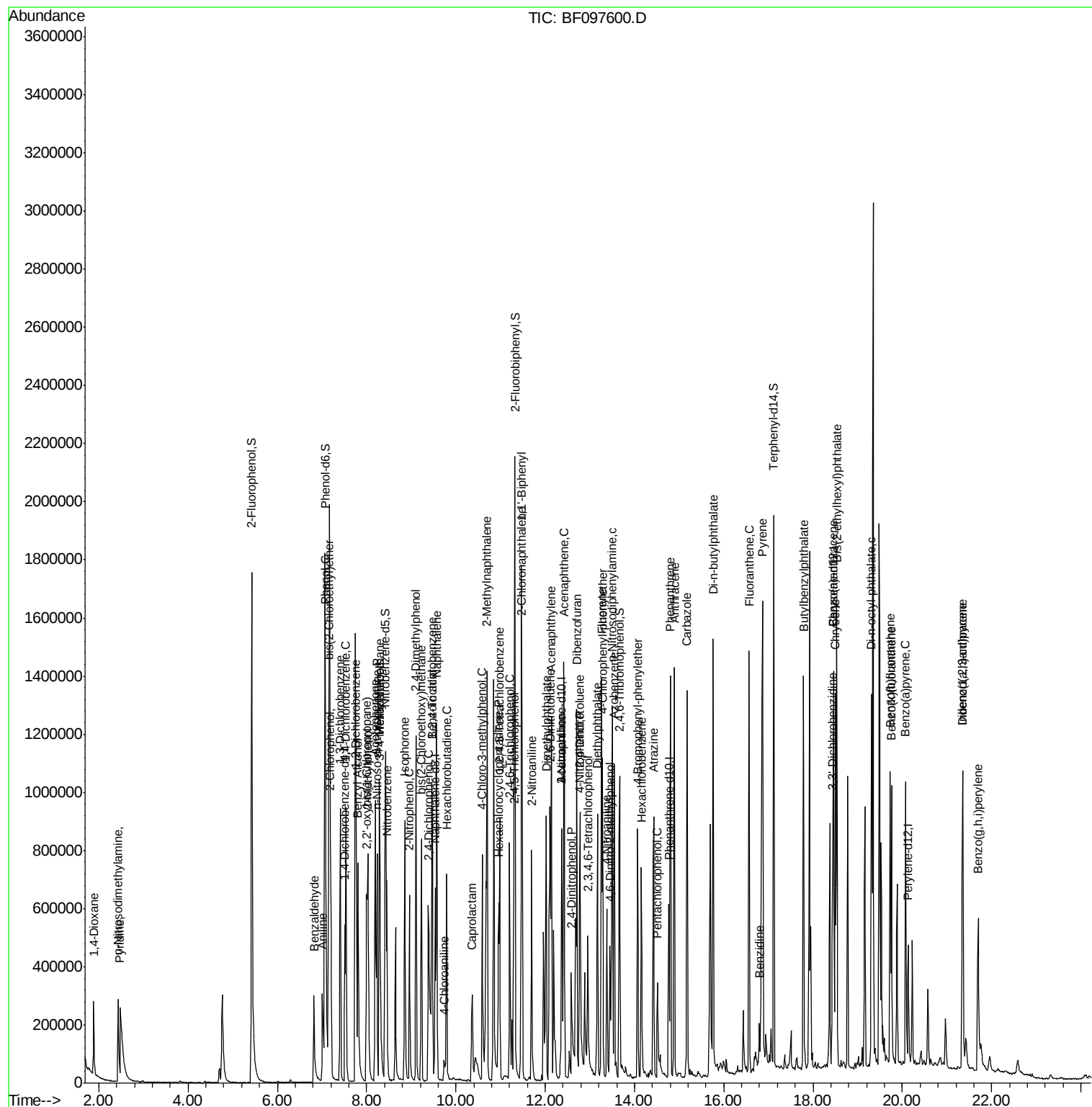
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	140910	41.01	nq	98
43) 2,4,5-Trichlorophenol	11.29	196	141694	43.66	nq	98
45) 1,1'-Biphenyl	11.47	154	595085	37.66	nq	98
46) 2-Chloronaphthalene	11.49	162	460292	37.94	nq	93
47) 2-Nitroaniline	11.70	65	190349	40.05	nq	96
48) Acenaphthylene	12.14	152	772566	40.06	nq	98
49) Dimethylphthalate	12.02	163	584697	41.20	nq	99
50) 2,6-Dinitrotoluene	12.11	165	126409	43.13	nq	# 65
51) Acenaphthene	12.42	154	439198	38.00	nq	98
52) 3-Nitroaniline	12.37	138	86231	22.47	nq	# 98
53) 2,4-Dinitrophenol	12.59	184	103856	85.96	nq	# 72
54) Dibenzofuran	12.71	168	669432	41.37	nq	99
55) 4-Nitrophenol	12.77	139	143586	98.25	nq	# 53
56) 2,4-Dinitrotoluene	12.78	165	166643	42.60	nq	# 73
57) Fluorene	13.26	166	533910	40.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	104550	46.91	nq	# 89
59) Diethylphthalate	13.17	149	535035	39.91	nq	98
60) 4-Chlorophenyl-phenylether	13.29	204	226898	39.94	nq	97
61) 4-Nitroaniline	13.38	138	135570	37.03	nq	94
62) Azobenzene	13.54	77	571206	42.83	nq	94
64) 4,6-Dinitro-2-methylphenol	13.45	198	79218	42.90	nq	88
65) n-Nitrosodiphenylamine	13.50	169	454857	40.66	nq	98
66) 4-Bromophenyl-phenylether	14.07	248	129184	41.13	nq	99
67) Hexachlorobenzene	14.16	284	129163	37.75	nq	# 88
68) Atrazine	14.43	200	136042	48.46	nq	95
69) Pentachlorophenol	14.52	266	75612	139.30	nq	93
70) Phenanthrene	14.80	178	752144	43.14	nq	100
71) Anthracene	14.89	178	775619	43.48	nq	98
72) Carbazole	15.17	167	732929	43.16	nq	99
73) Di-n-butylphthalate	15.76	149	907812	45.67	nq	99
74) Fluoranthene	16.57	202	728218	46.22	nq	99
76) Benzidine	16.79	184	104474	13.67	nq	# 93
77) Pyrene	16.87	202	719278	37.51	nq	99
79) Butylbenzylphthalate	17.79	149	378194	47.18	nq	# 77
80) Benzo(a)anthracene	18.45	228	544513	40.21	nq	99
81) 3,3'-Dichlorobenzidine	18.43	252	131617	28.18	nq	98
82) Chrysene	18.50	228	539676	40.06	nq	100
83) Bis(2-ethylhexyl)phthalate	18.53	149	623457	54.68	nq	99
84) Di-n-octyl phthalate	19.31	149	826269	41.50	nq	# 92
85) Indeno(1,2,3-cd)pyrene	21.35	276	429300	40.98	nq	97
87) Benzo(b)fluoranthene	19.73	252	434058	39.66	nq	97
88) Benzo(k)fluoranthene	19.76	252	446539	40.51	nq	96
89) Benzo(a)pyrene	20.07	252	419078	41.72	nq	98
90) Dibenzo(a,h)anthracene	21.36	278	352089	48.95	nq	98
91) Benzo(g,h,i)perylene	21.70	276	397935	50.43	nq	97

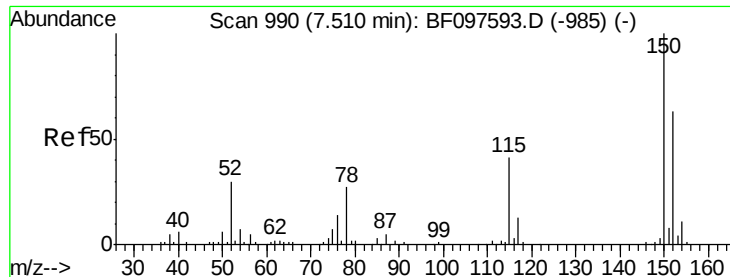
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097600.D
Acq On : 11 Aug 2017 18:04
Operator : SJ/JU
Sample : PB101452BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Quant Time: Aug 12 00:49:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



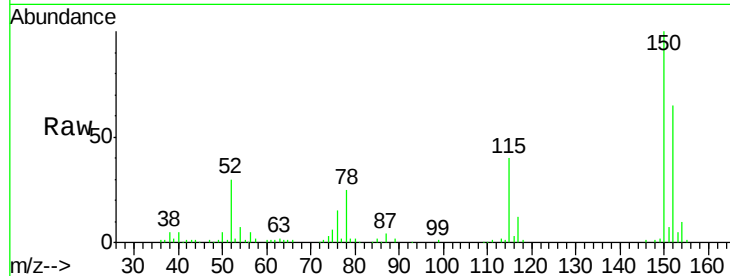


#1

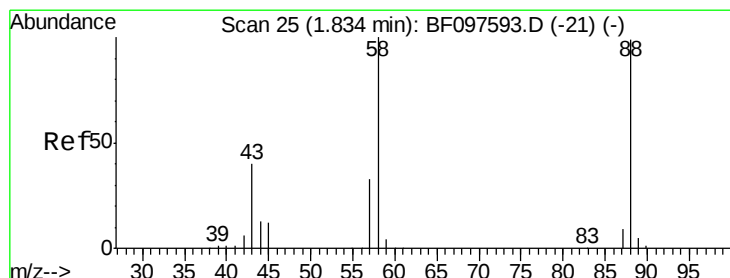
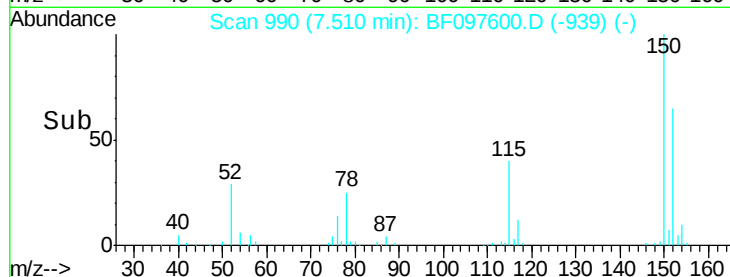
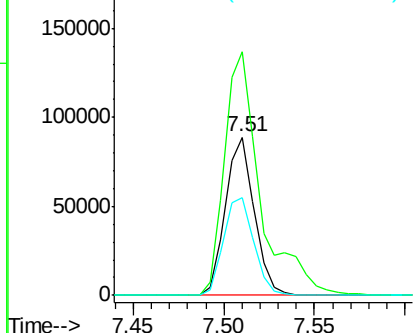
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Tot Ion:152 Resp: 98024
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 61.6 52.2 78.2



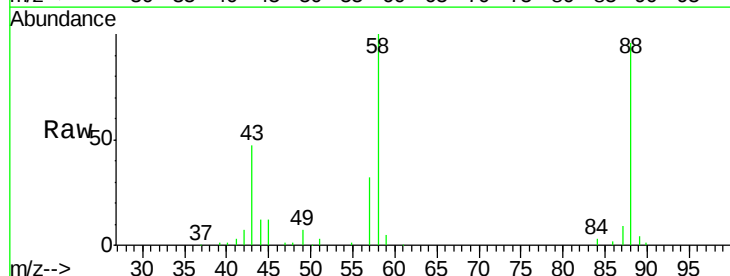
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



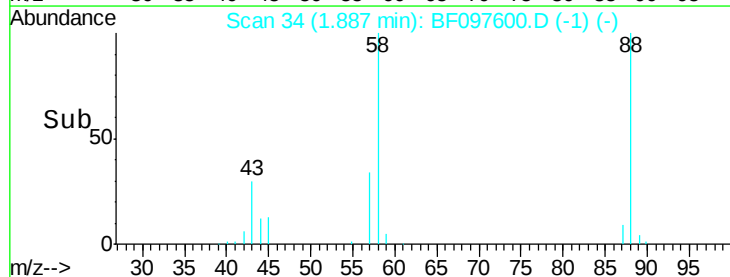
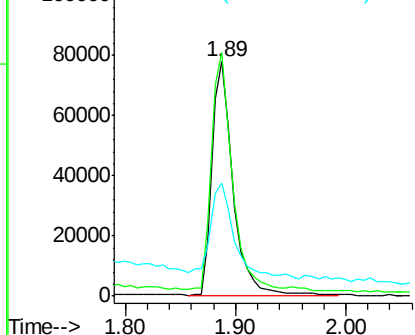
#2

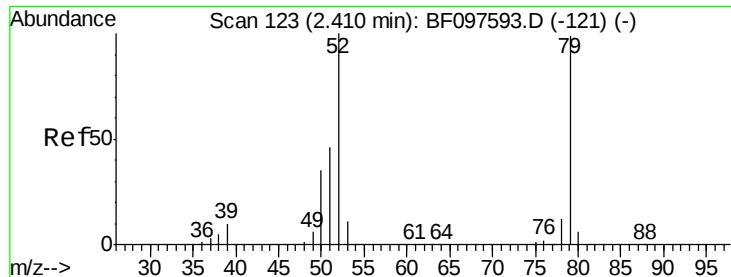
1,4-Dioxane
Concen: 38.52 ng
RT: 1.89 min Scan# 34
Delta R.T. 0.05 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion: 88 Resp: 103098
Ion Ratio Lower Upper
88 100
58 103.0 61.4 92.0#
43 46.2 23.4 35.0#



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





#3

Pvridine

Concen: 37.67 ng

RT: 2.48 min Scan# 135

Delta R.T. 0.07 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

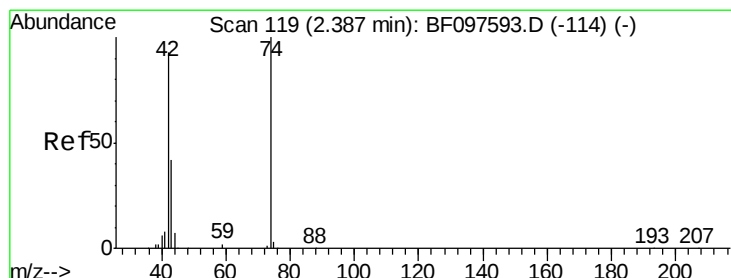
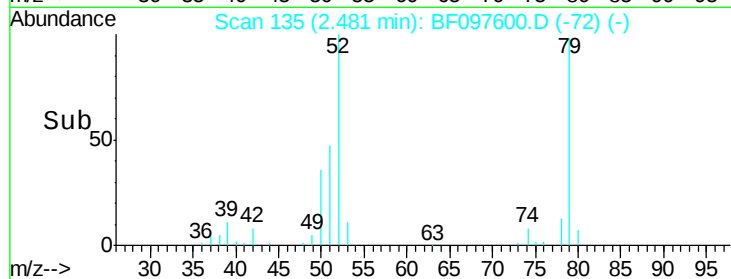
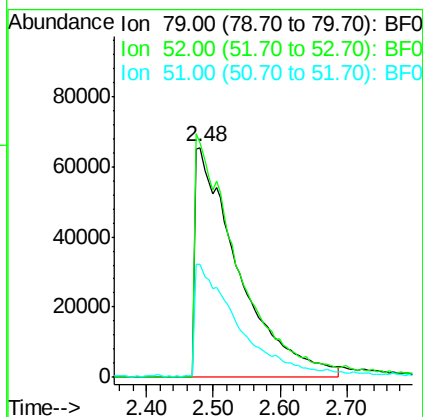
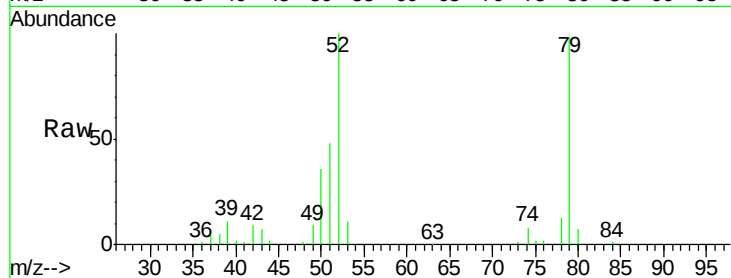
Tot Ion: 79 Resp: 294017

Ion Ratio Lower Upper

79 100

52 102.3 54.8 82.2#

51 49.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 38.03 ng

RT: 2.43 min Scan# 126

Delta R.T. 0.04 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

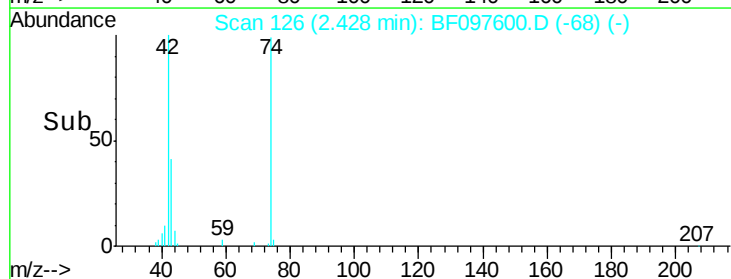
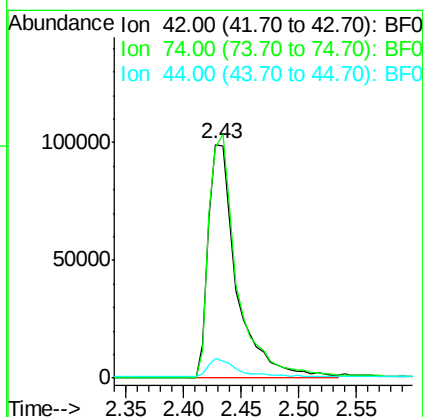
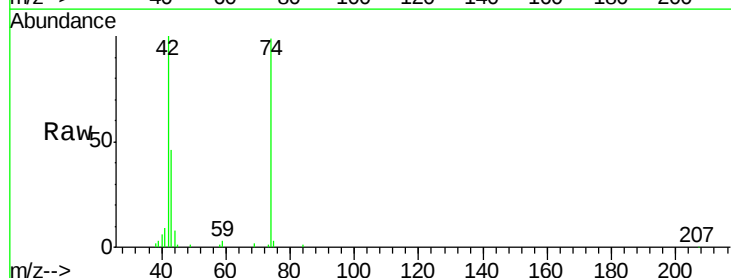
Tgt Ion: 42 Resp: 172249

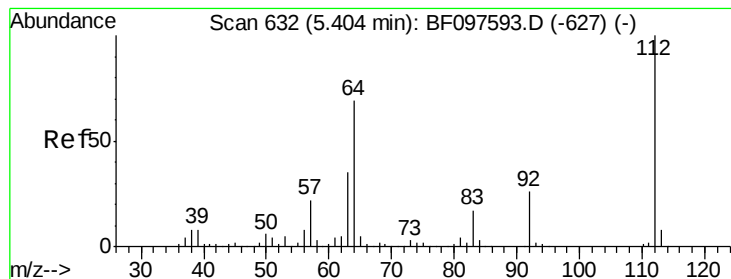
Ion Ratio Lower Upper

42 100

74 98.6 103.9 155.9#

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 142.15 ng

RT: 5.43 min Scan# 636

Delta R.T. 0.02 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

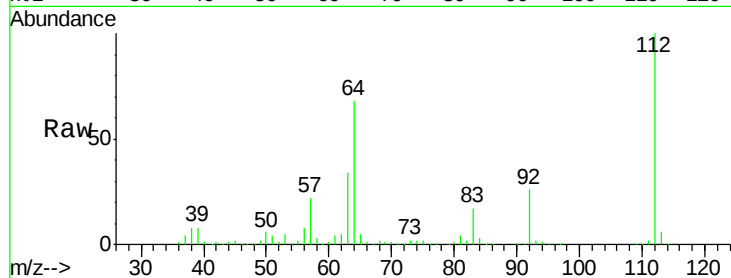
Tot Ion: 112 Resp: 876638

Ion Ratio Lower Upper

112 100

64 67.7 46.0 69.0

63 33.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.43

600000

500000

400000

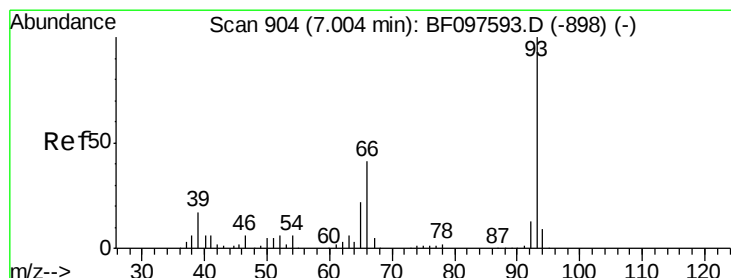
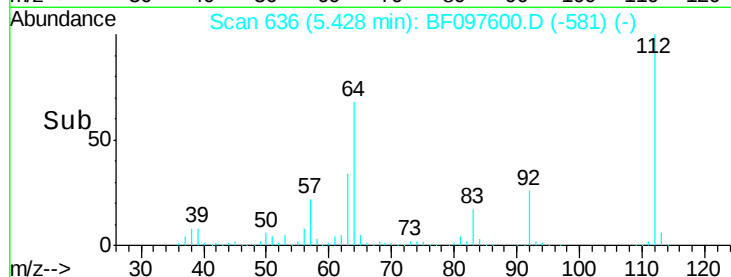
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 17.93 ng

RT: 7.01 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

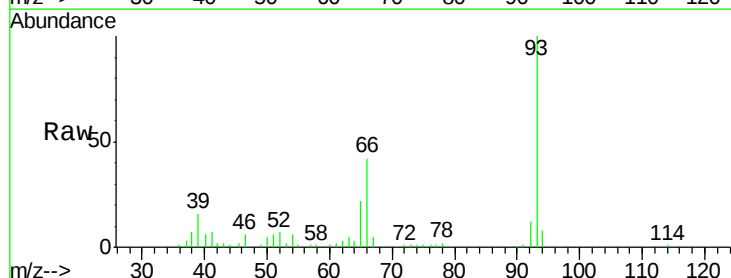
Tgt Ion: 93 Resp: 197158

Ion Ratio Lower Upper

93 100

66 41.9 32.9 49.3

65 22.4 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

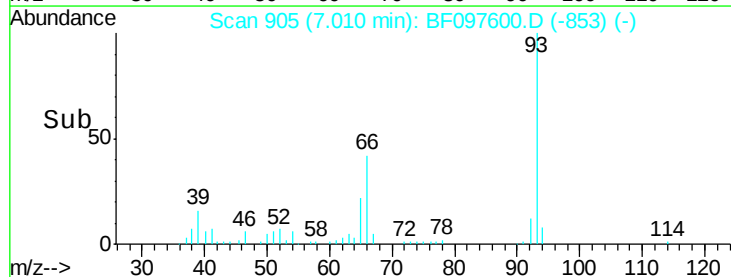
7.01

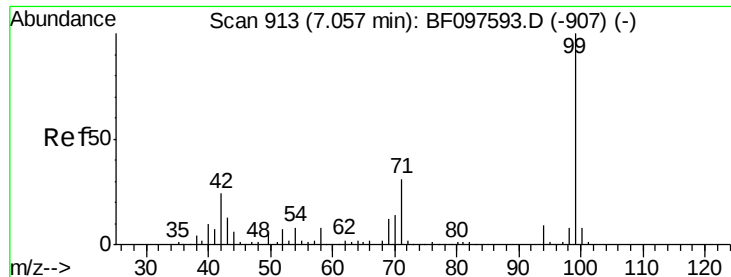
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 125.19 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

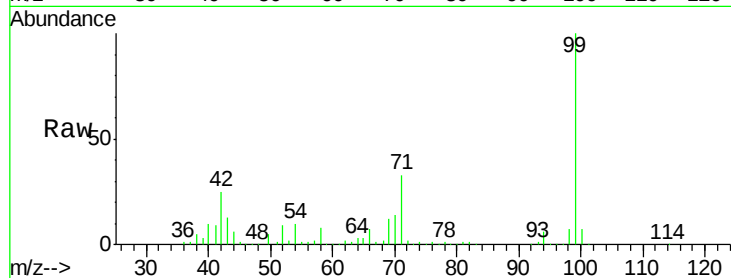
Tot Ion: 99 Resp: 957697

Ion Ratio Lower Upper

99 100

42 24.5 13.5 20.3#

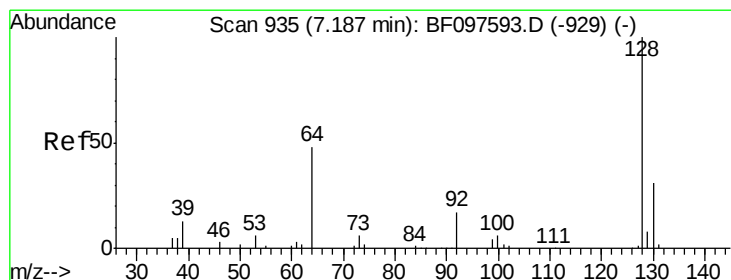
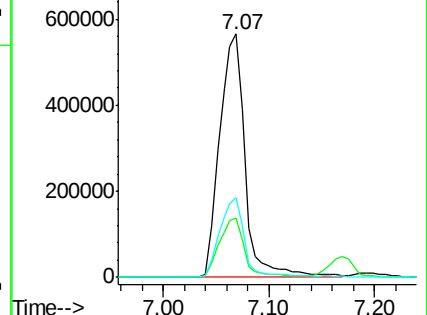
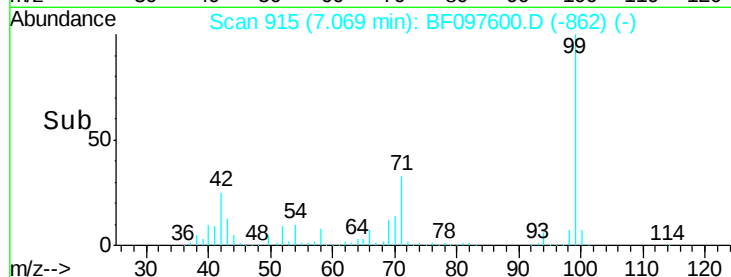
71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.71 ng

RT: 7.19 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

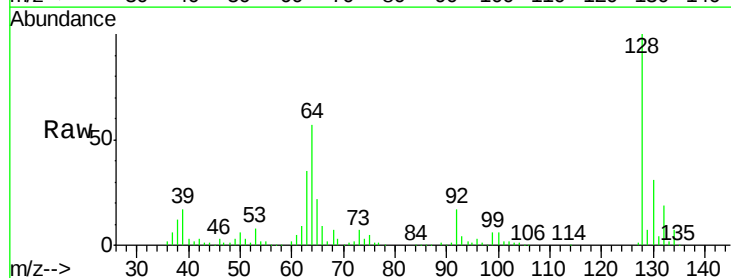
Tgt Ion:128 Resp: 287828

Ion Ratio Lower Upper

128 100

130 31.3 12.9 52.9

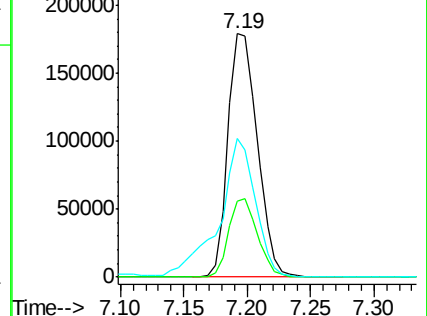
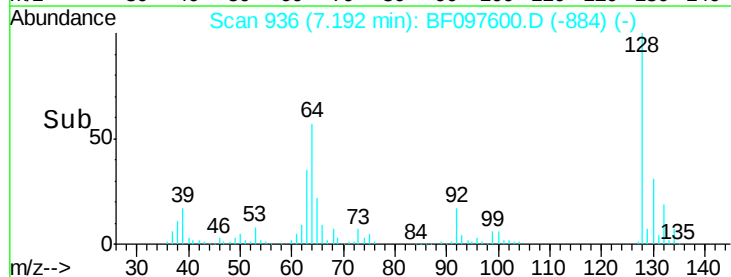
64 56.8 28.4 68.4

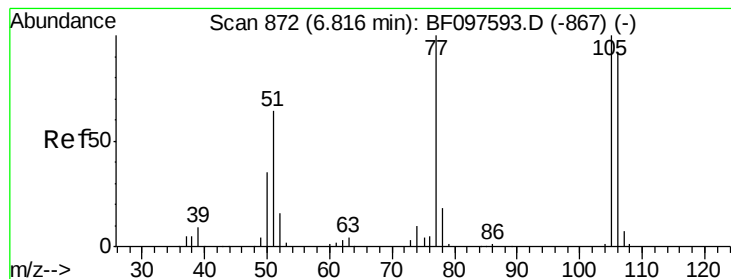


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.51 ng

RT: 6.82 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

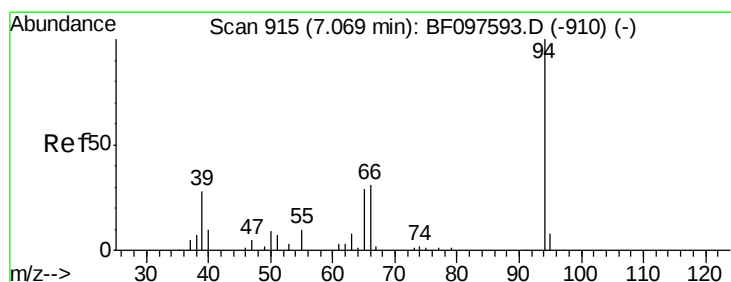
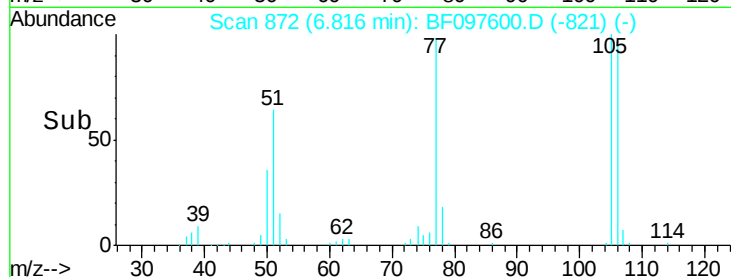
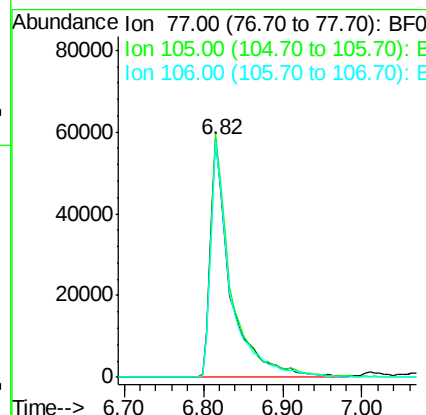
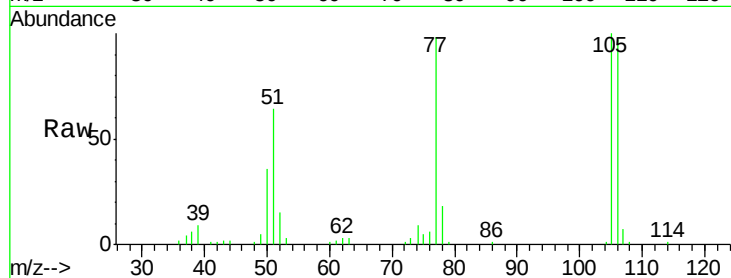
Tot Ion: 77 Resp: 103452

Ion Ratio Lower Upper

77 100

105 102.3 83.8 123.8

106 99.3 79.1 119.1



#10

Phenol

Concen: 41.91 ng

RT: 7.08 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

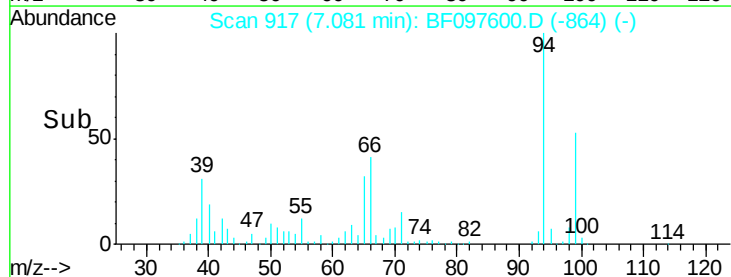
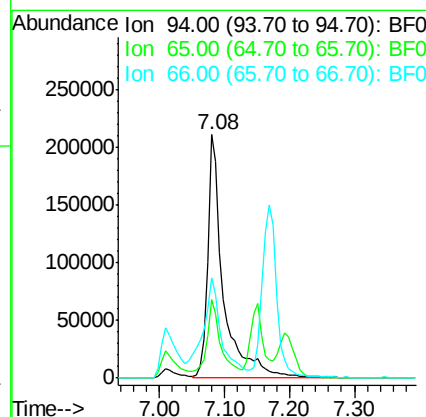
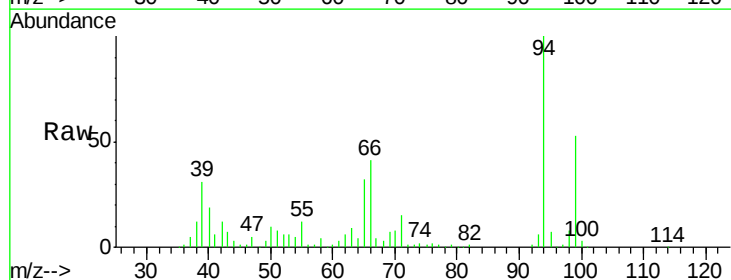
Tgt Ion: 94 Resp: 351007

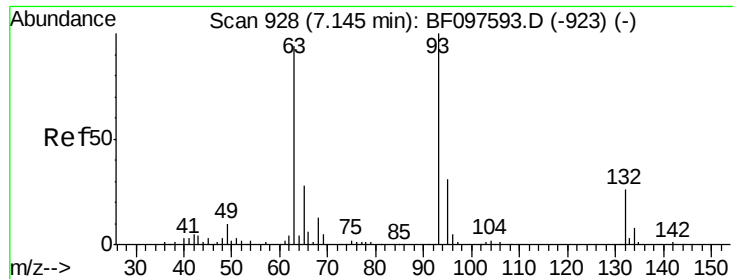
Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

66 41.0 23.1 63.1

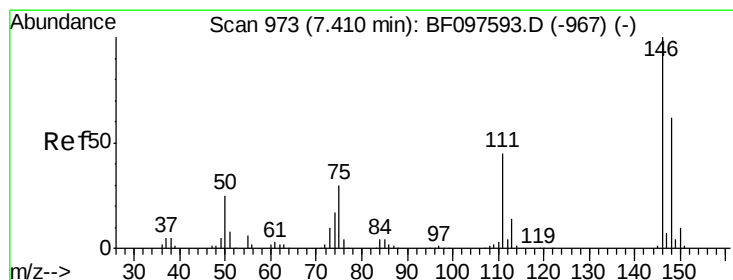
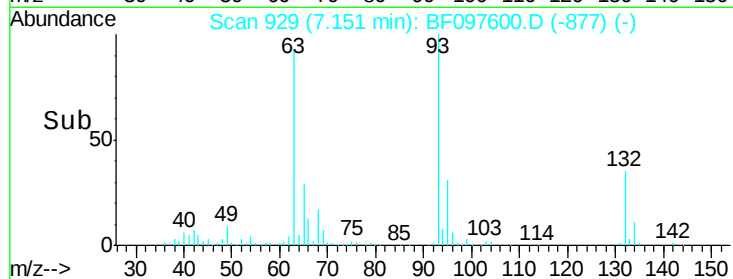
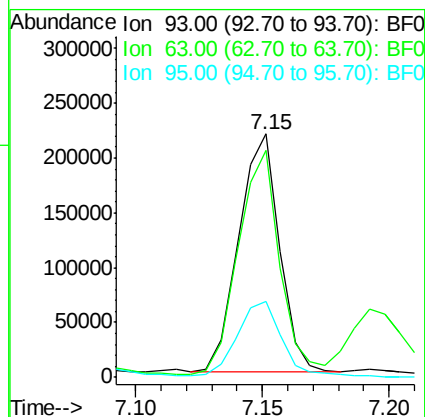
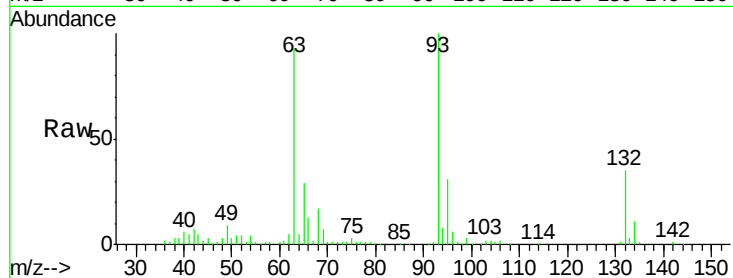




#11
 bis(2-Chloroethyl)ether
 Concen: 35.90 ng
 RT: 7.15 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

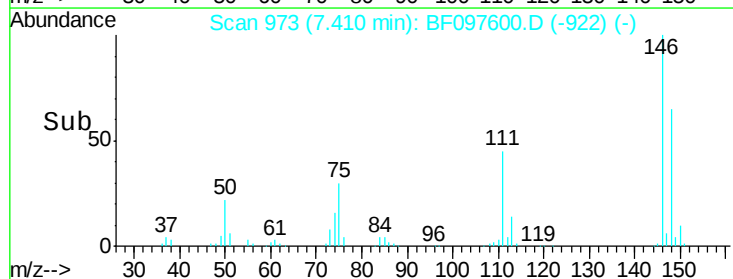
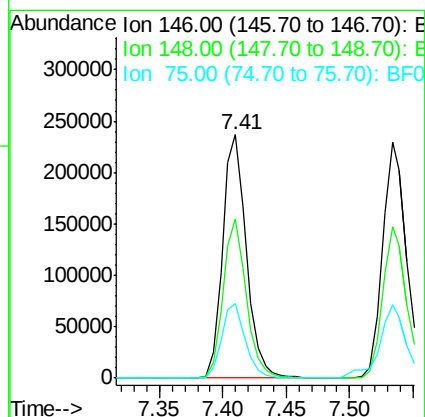
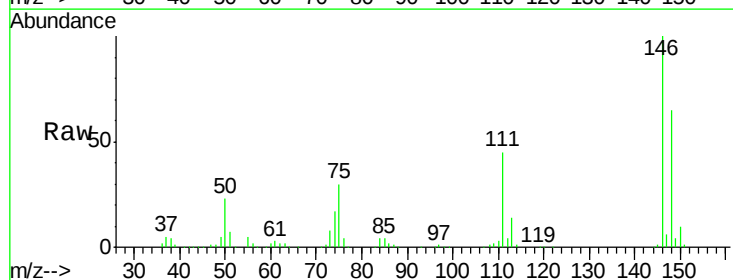
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

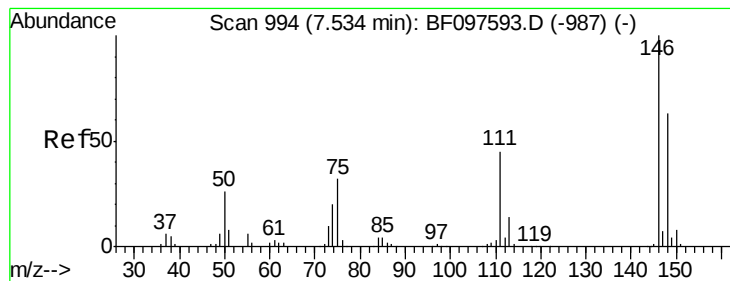
Tot Ion: 93 Resp: 241194
 Ion Ratio Lower Upper
 93 100
 63 93.0 59.2 99.2
 95 31.3 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.87 ng
 RT: 7.41 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion: 146 Resp: 307765
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 75 30.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.89 ng

RT: 7.53 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

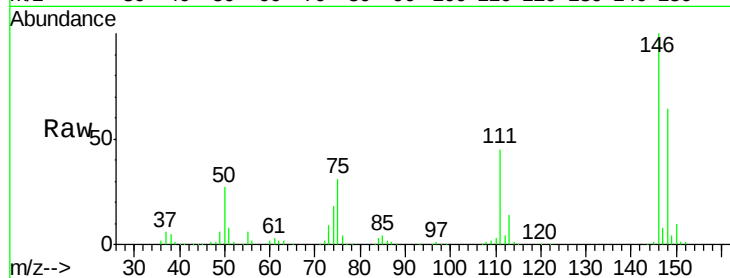
Tot Ion:146 Resp: 313426

Ion Ratio Lower Upper

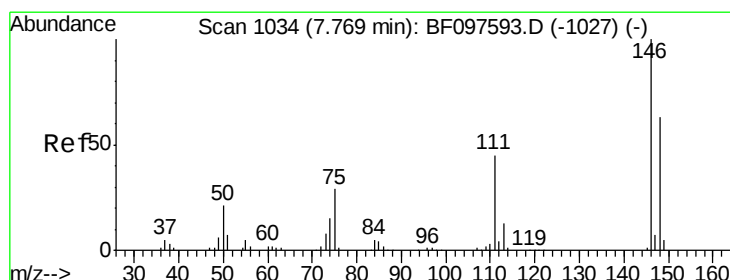
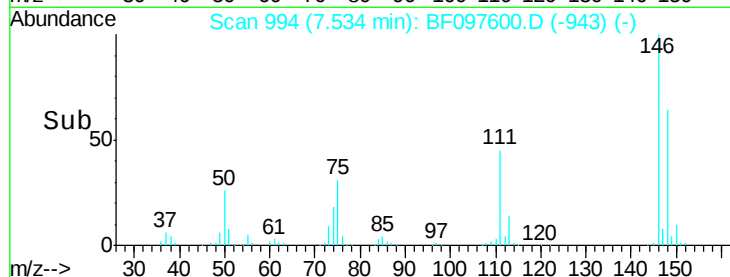
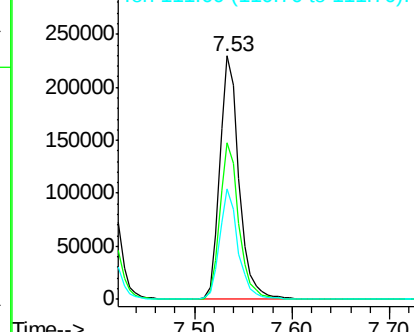
146 100

148 64.4 52.2 78.2

111 45.3 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: 39.24 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

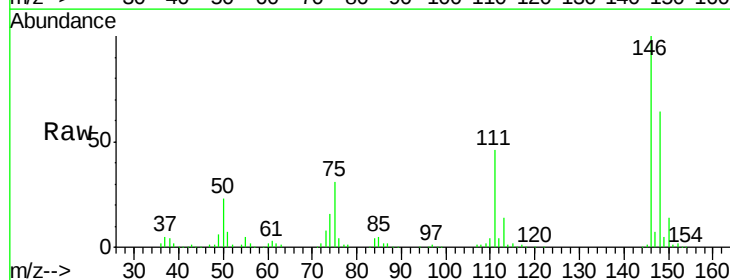
Tgt Ion:146 Resp: 288576

Ion Ratio Lower Upper

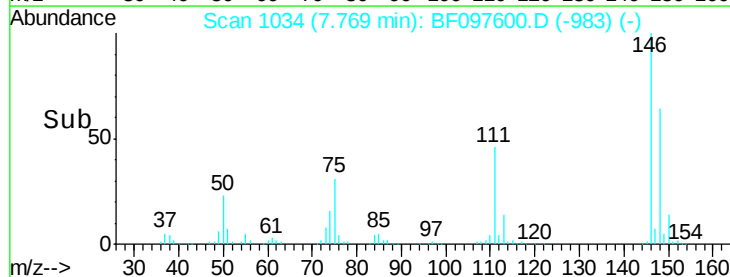
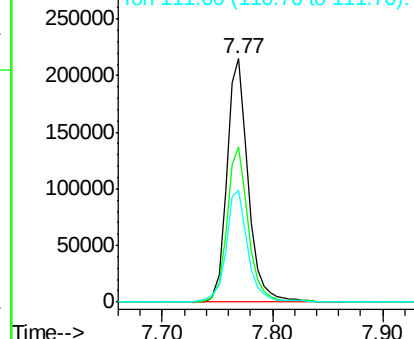
146 100

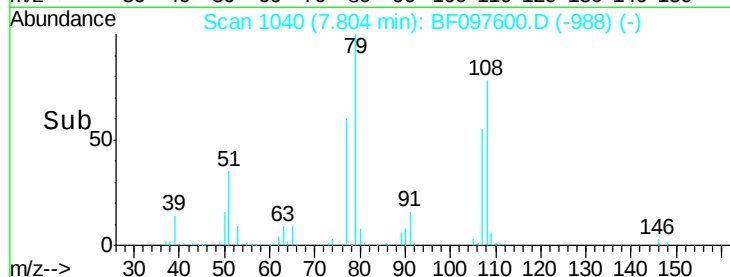
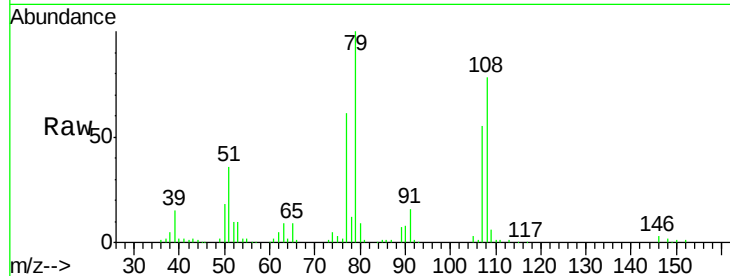
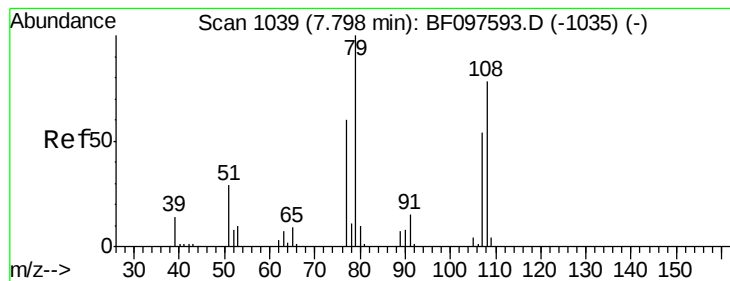
148 63.7 50.4 75.6

111 45.9 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: 46.97 ng

RT: 7.80 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

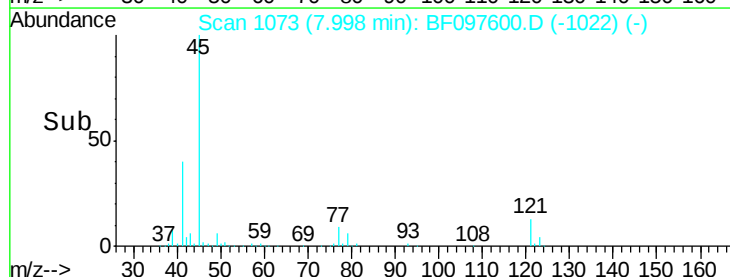
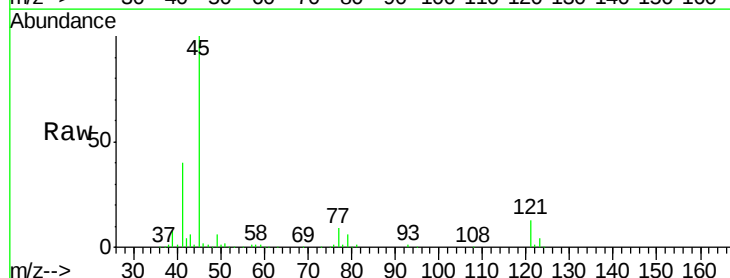
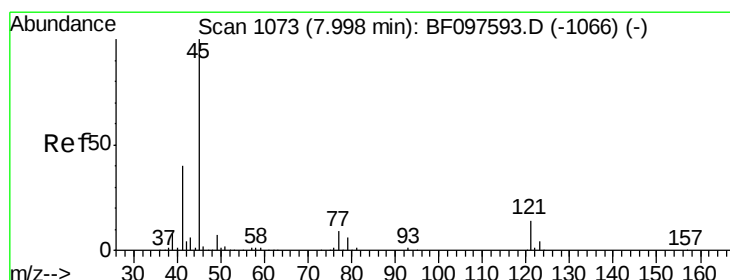
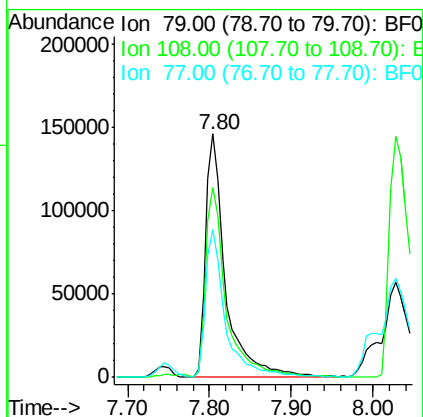
Tot Ion: 79 Resp: 248295

Ion Ratio Lower Upper

79 100

108 77.9 63.4 95.0

77 60.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.63 ng

RT: 8.00 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

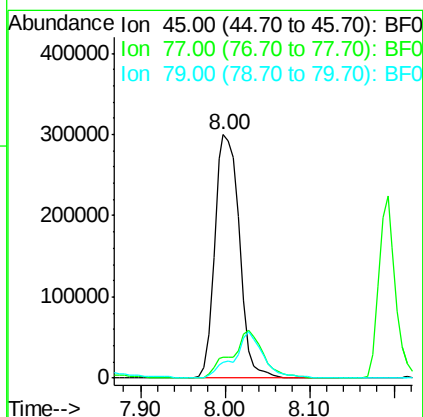
Tgt Ion: 45 Resp: 612830

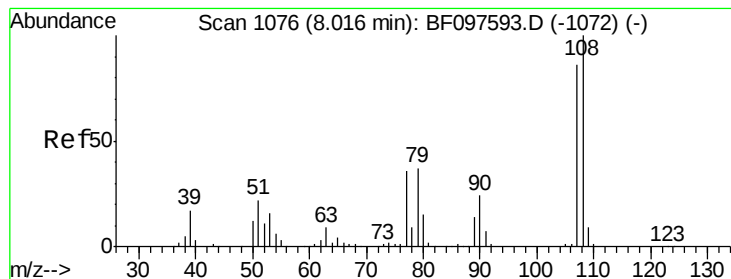
Ion Ratio Lower Upper

45 100

77 8.8 0.0 33.2

79 6.4 0.0 30.0





#17

2-Methylphenol

Concen: 43.02 ng

RT: 8.03 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

Tot Ion:107 Resp: 235719

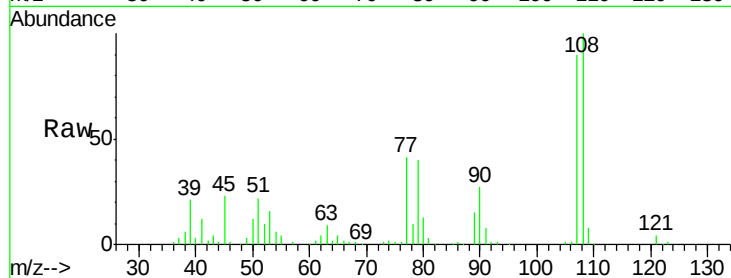
Ion Ratio Lower Upper

107 100

108 111.2 93.4 140.0

77 45.7 35.8 53.6

79 44.1 34.8 52.2

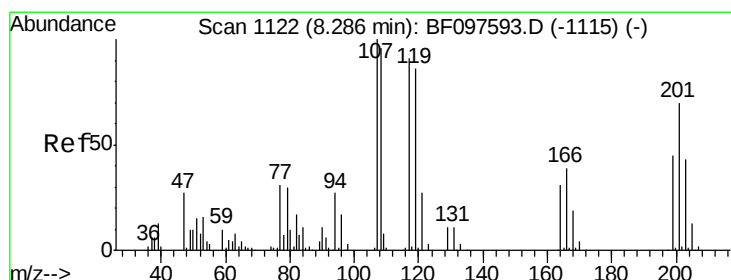
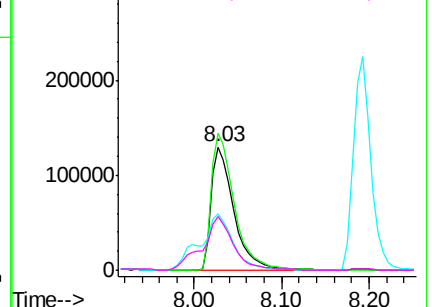
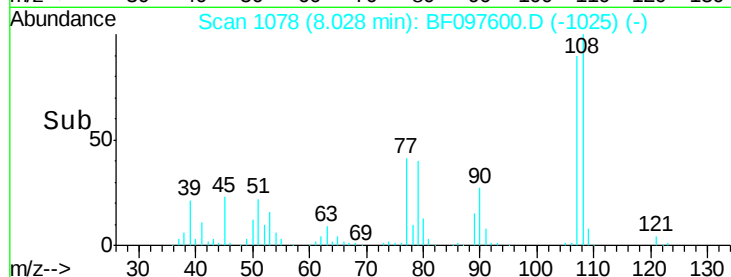


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.10 ng

RT: 8.29 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

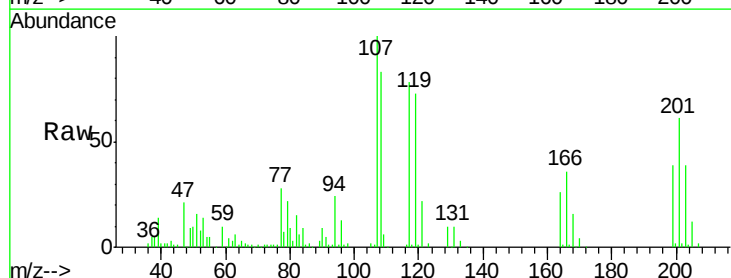
Tgt Ion:117 Resp: 107790

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

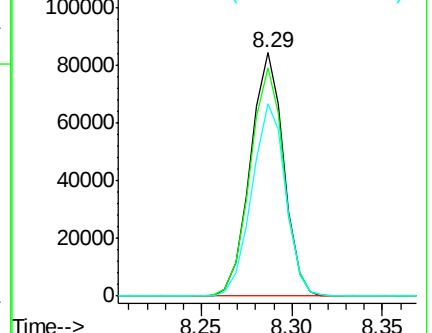
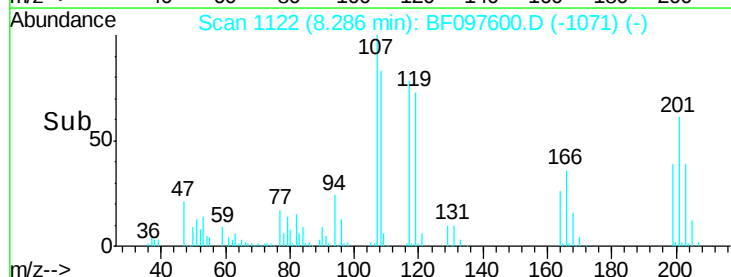
201 78.8 94.6 141.8#

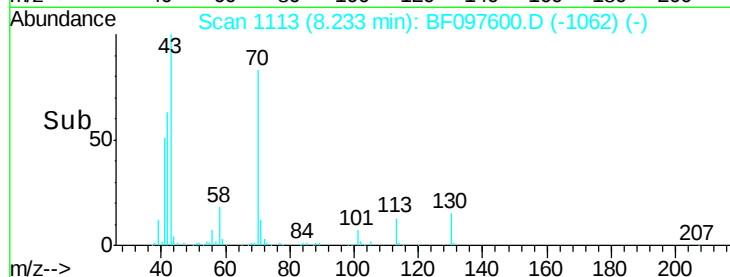
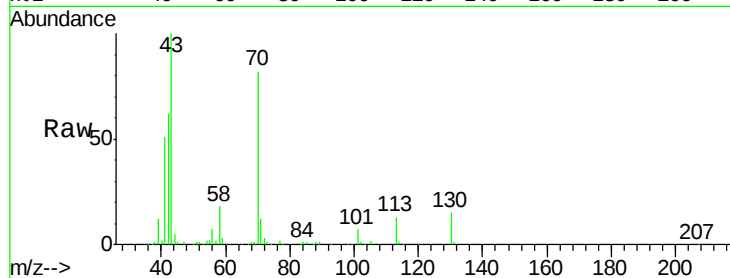
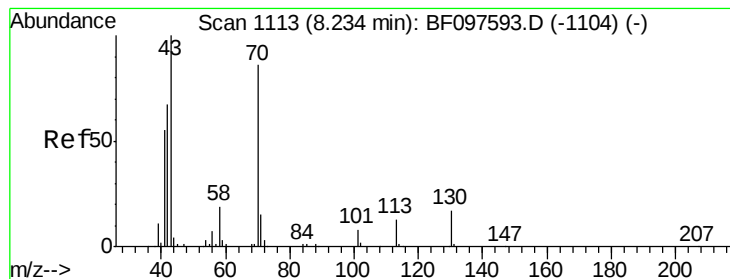


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.86 ng

RT: 8.23 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

Tot Ion: 70 Resp: 222731

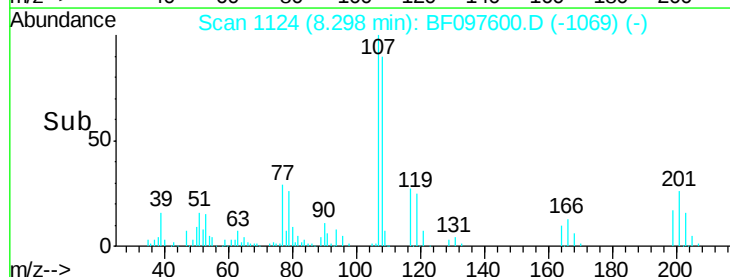
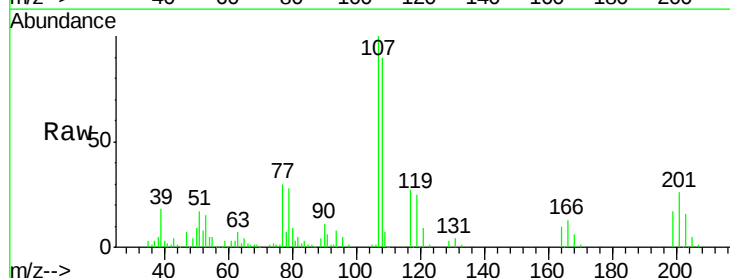
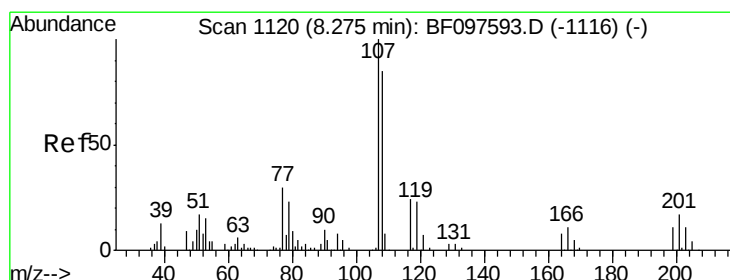
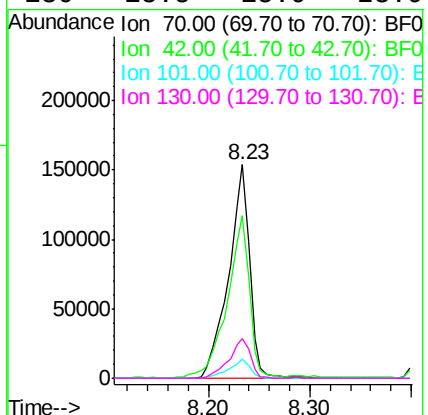
Ion Ratio Lower Upper

70 100

42 75.9 47.2 70.8#

101 8.9 7.2 10.8

130 18.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 45.72 ng

RT: 8.30 min Scan# 1124

Delta R.T. 0.02 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Tgt Ion: 107 Resp: 306755

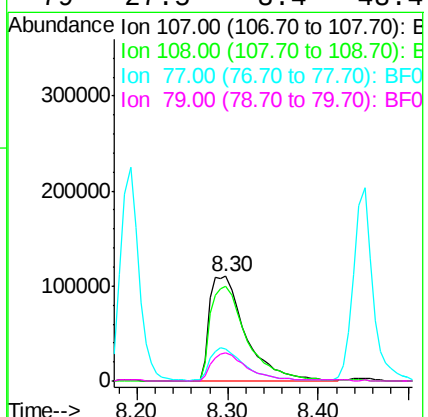
Ion Ratio Lower Upper

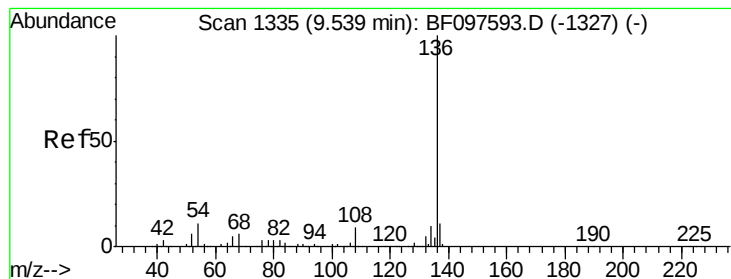
107 100

108 90.5 71.0 111.0

77 30.3 90.5 130.5#

79 27.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

Tot Ion:136 Resp: 422532

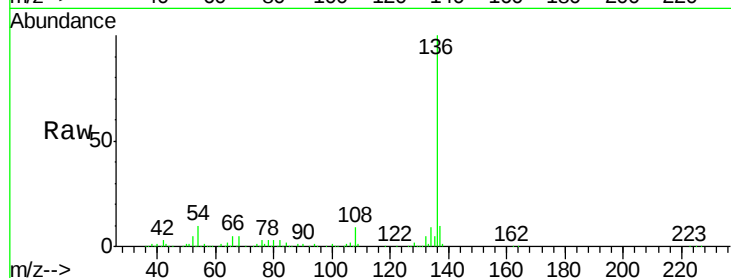
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.1 4.9 7.3#

68 5.3 4.1 6.1

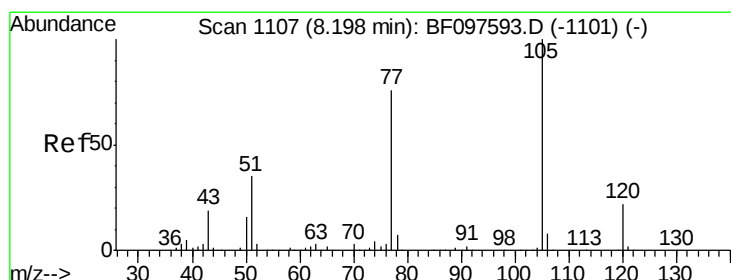
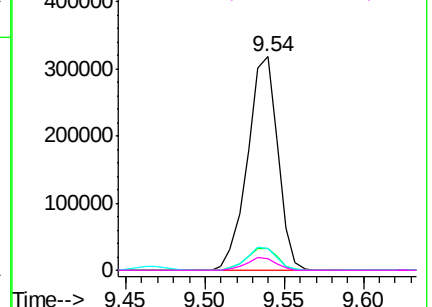
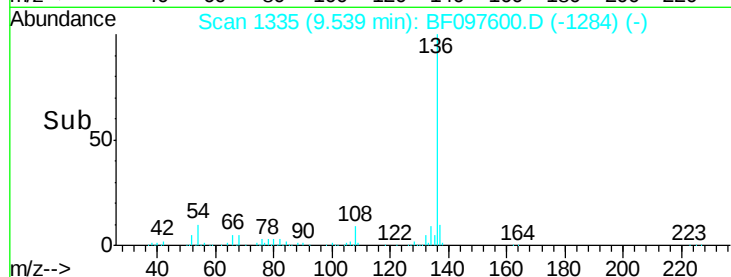


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.03 ng

RT: 8.19 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Tgt Ion:105 Resp: 409530

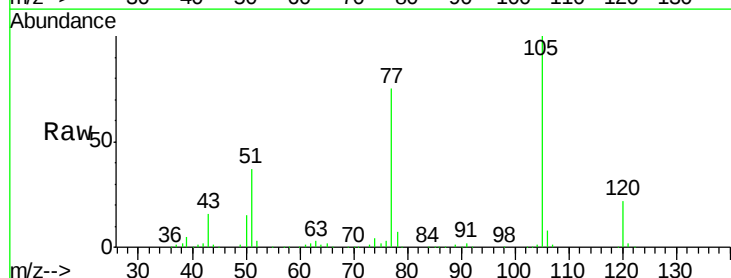
Ion Ratio Lower Upper

105 100

71 0.1 2.8 4.2#

51 36.7 30.7 46.1

120 21.8 17.4 26.0

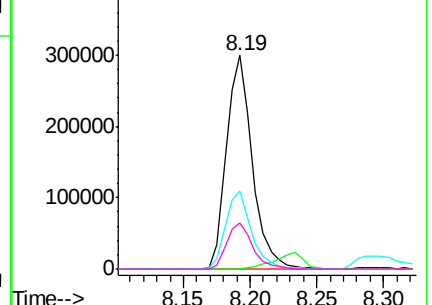
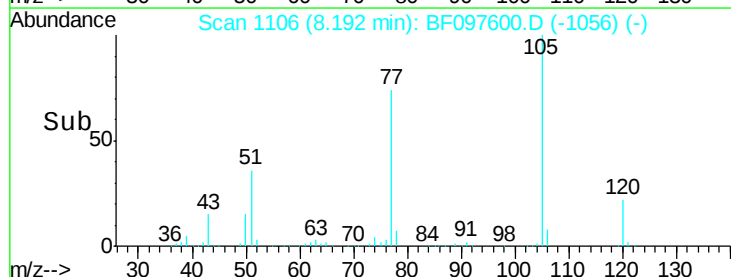


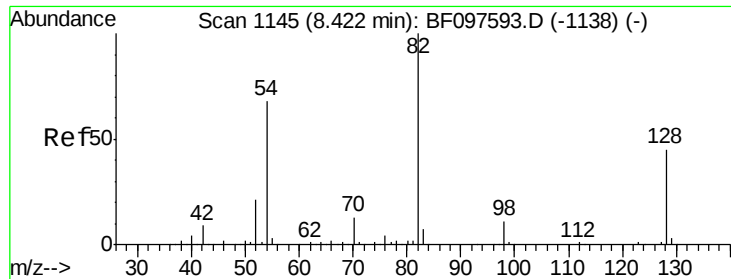
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

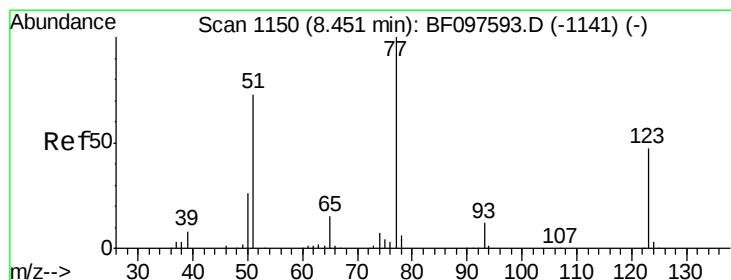
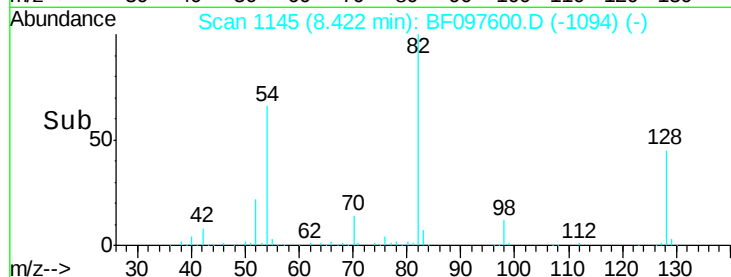
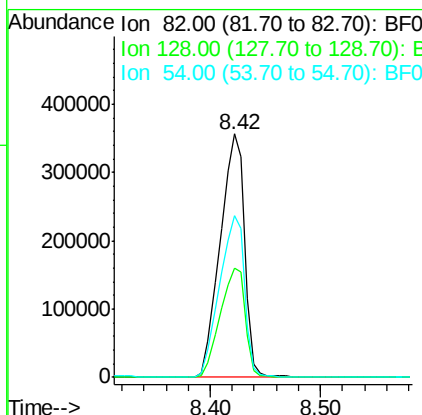
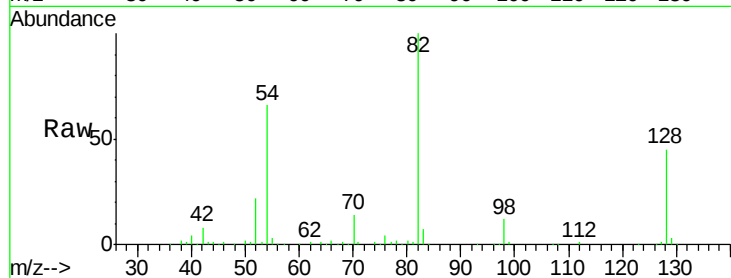




#23
Nitrobenzene-d5
Concen: 81.48 ng
RT: 8.42 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

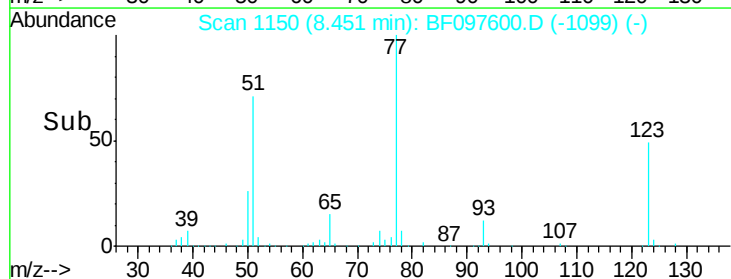
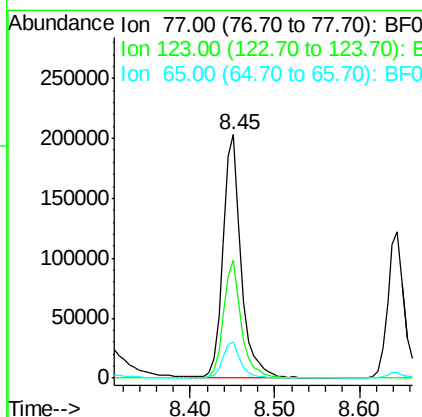
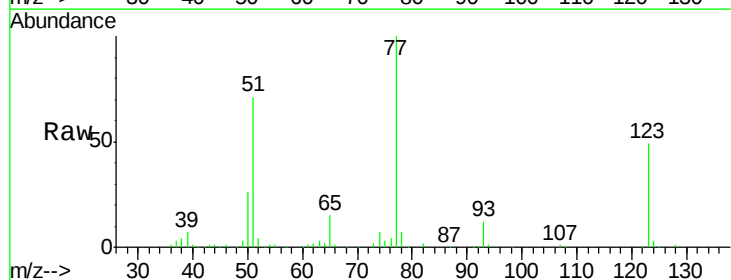
Instrument :
BNA_F
ClientSampleId :
PB101452BS

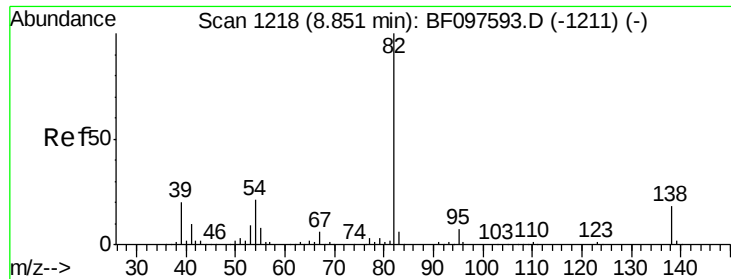
Tot Ion: 82 Resp: 549055
Ion Ratio Lower Upper
82 100
128 44.9 34.0 51.0
54 66.3 42.2 63.2#



#24
Nitrobenzene
Concen: 40.82 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion: 77 Resp: 299784
Ion Ratio Lower Upper
77 100
123 48.6 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 45.52 ng

RT: 8.85 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

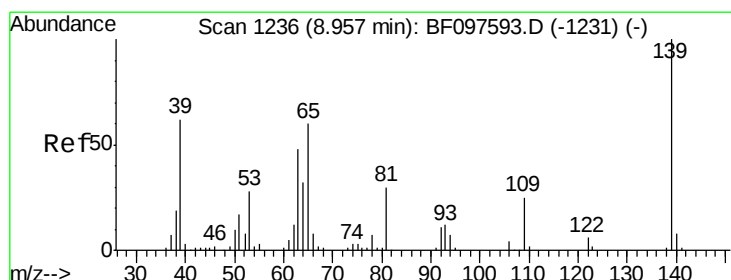
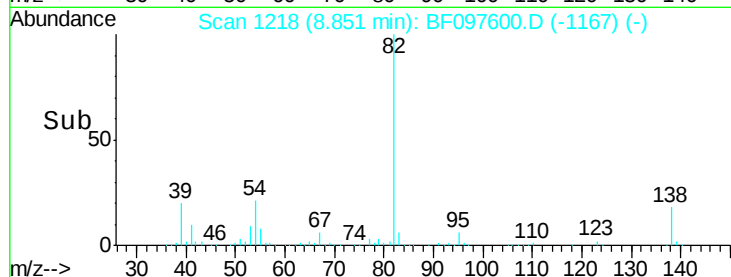
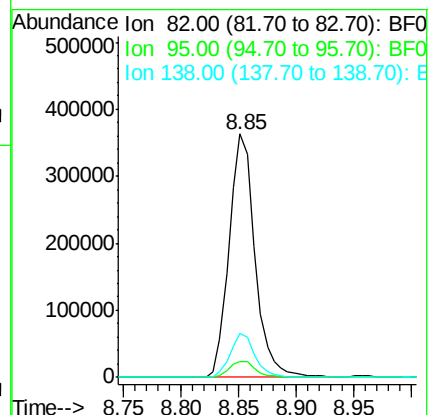
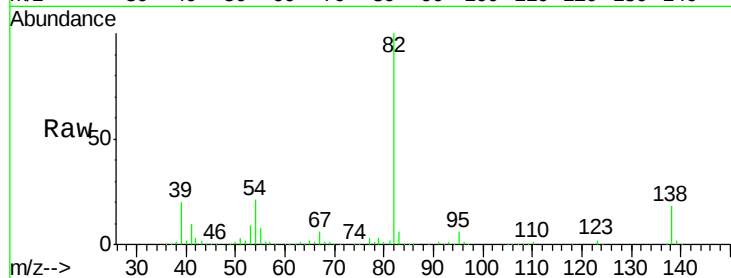
Tot Ion: 82 Resp: 565047

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 44.30 ng

RT: 8.96 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

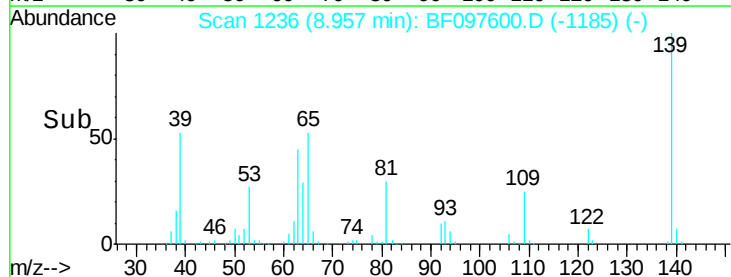
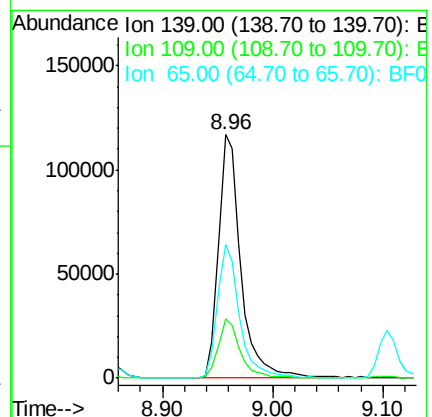
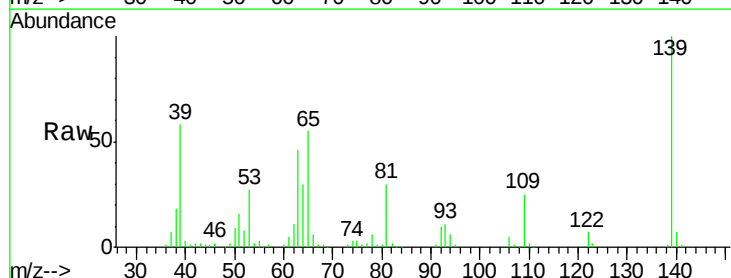
Tgt Ion: 139 Resp: 164558

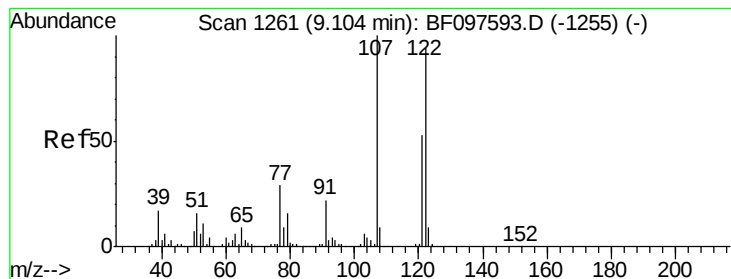
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 54.8 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 43.94 ng

RT: 9.10 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

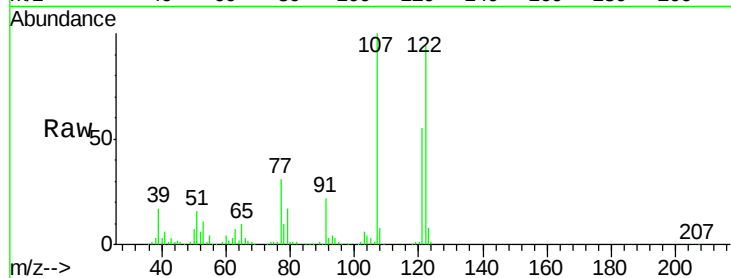
Tot Ion:122 Resp: 272181

Ion Ratio Lower Upper

122 100

107 106.7 89.2 133.8

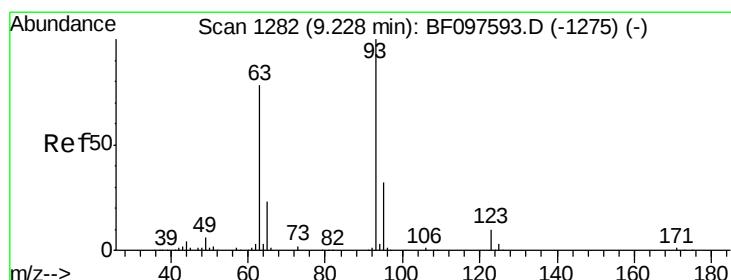
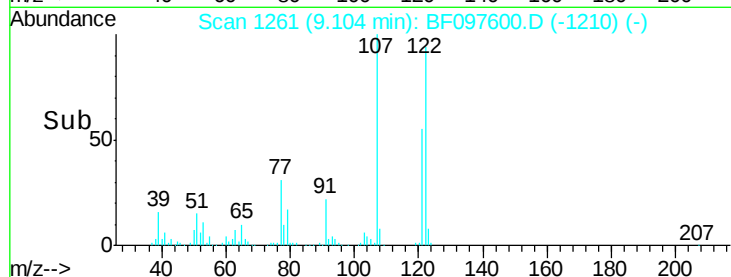
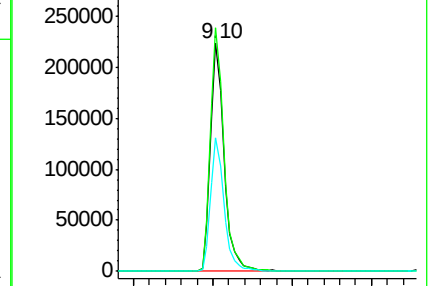
121 58.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.44 ng

RT: 9.23 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

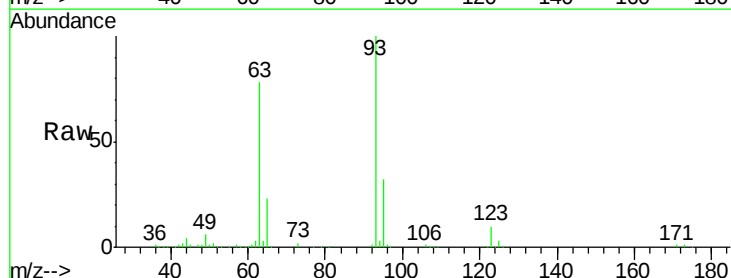
Tgt Ion: 93 Resp: 371692

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

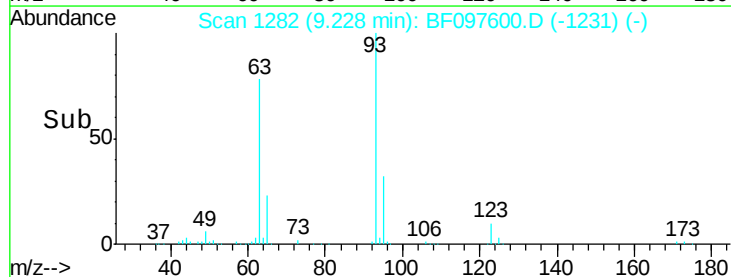
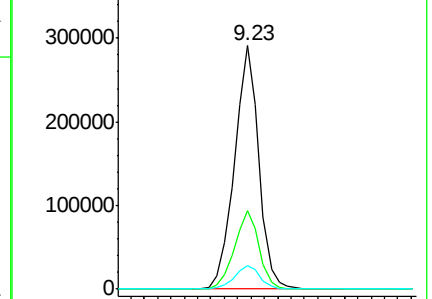
123 9.5 9.0 13.4

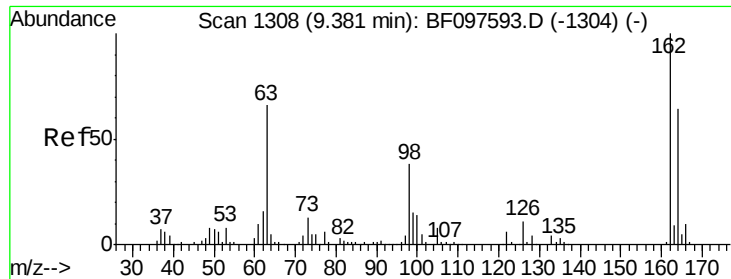


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

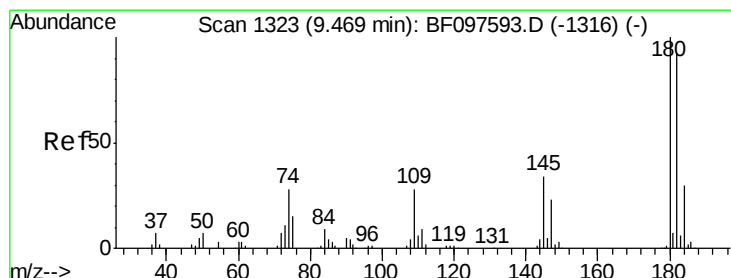
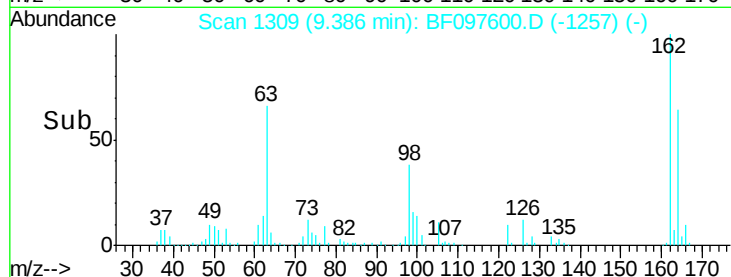
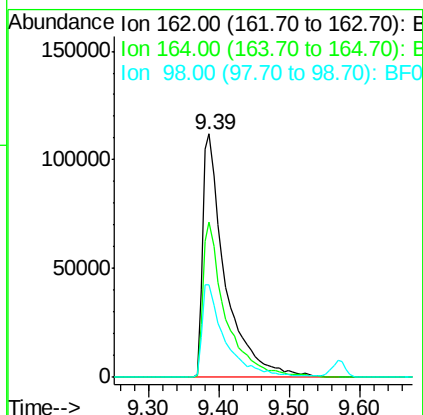
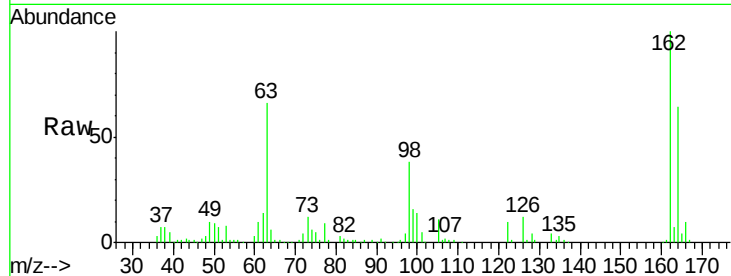




#29
 2,4-Dichlorophenol
 Concen: 45.58 ng
 RT: 9.39 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

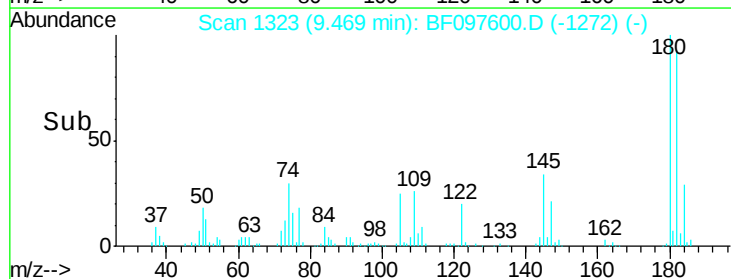
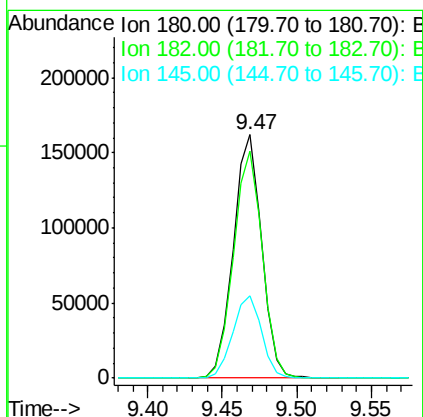
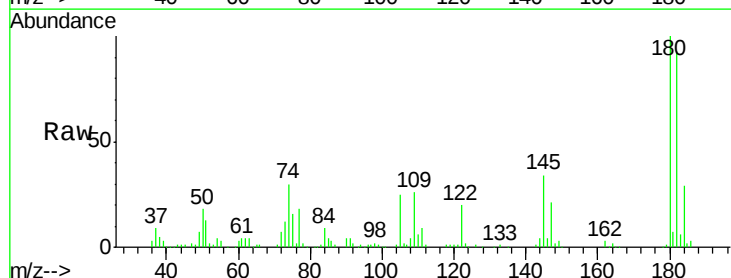
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

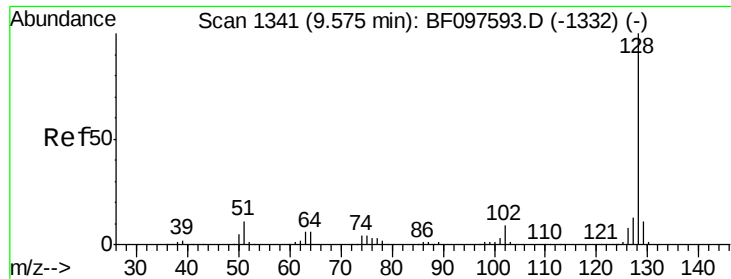
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	38.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.65 ng
 RT: 9.47 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	33.9	25.3	37.9

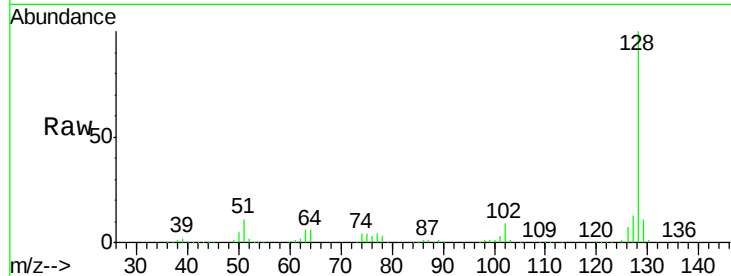




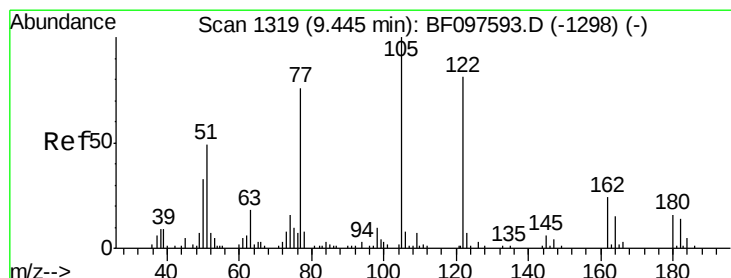
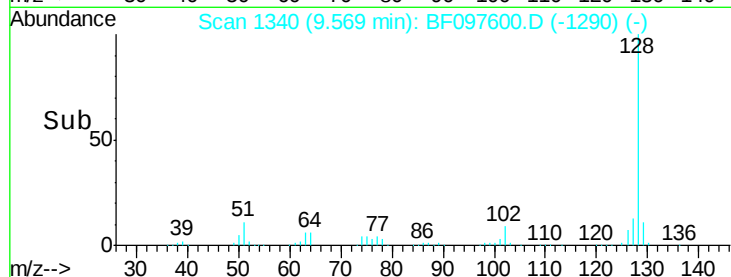
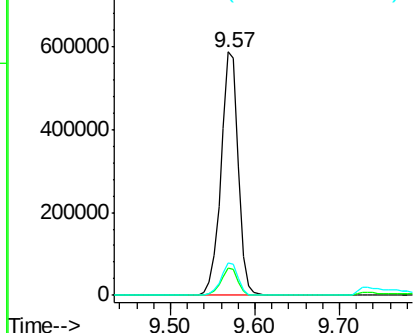
#31
Naphthalene
Concen: 39.42 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Tot Ion:128 Resp: 834184
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2

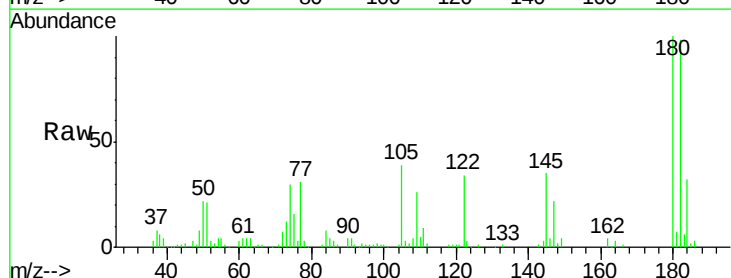


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

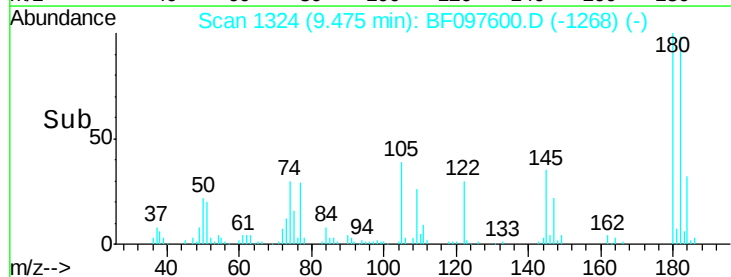
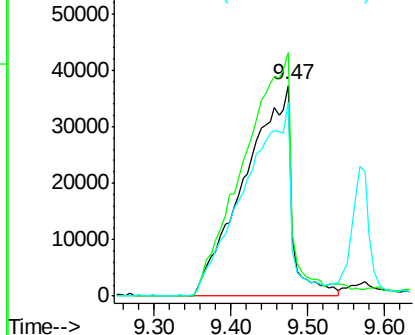


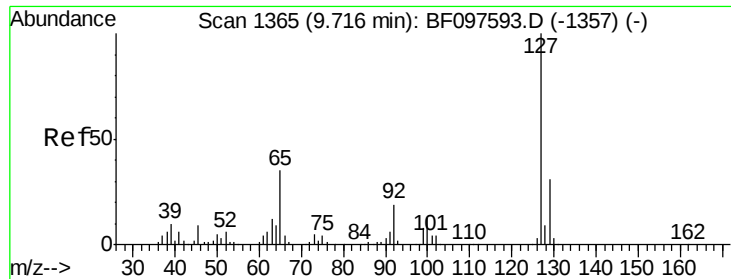
#32
Benzoic acid
Concen: 47.60 ng
RT: 9.47 min Scan# 1324
Delta R.T. 0.03 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:122 Resp: 158859
Ion Ratio Lower Upper
122 100
105 115.7 103.3 143.3
77 91.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

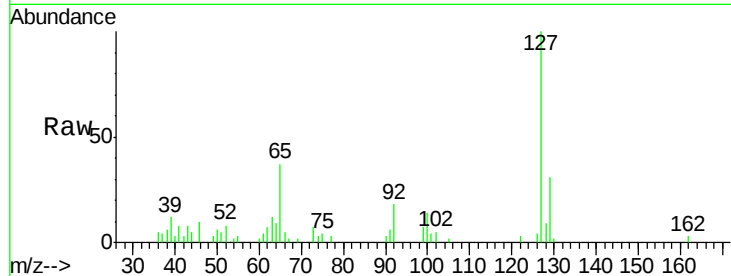




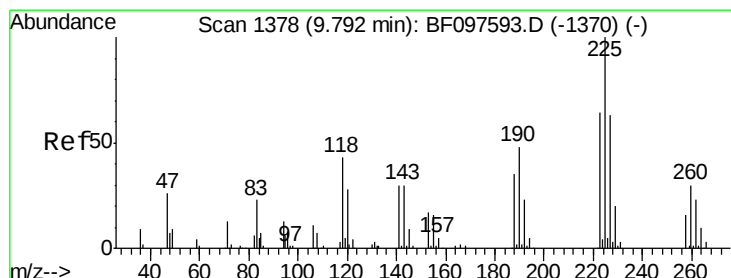
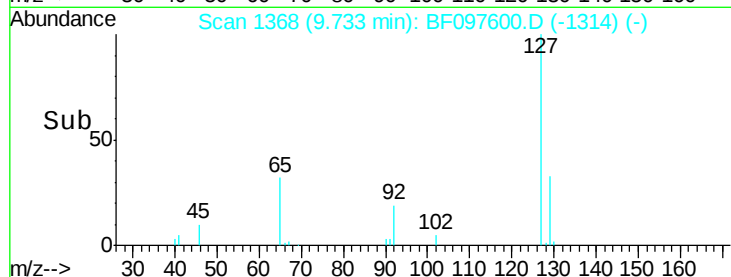
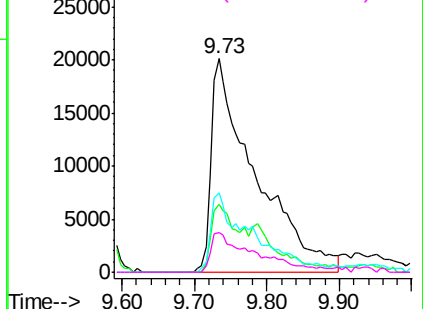
#33
4-Chloroaniline
Concen: 9.67 ng
RT: 9.73 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Tot Ion:	127	Resp:	84773
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	36.9	27.8	41.8
92	18.3	16.8	25.2

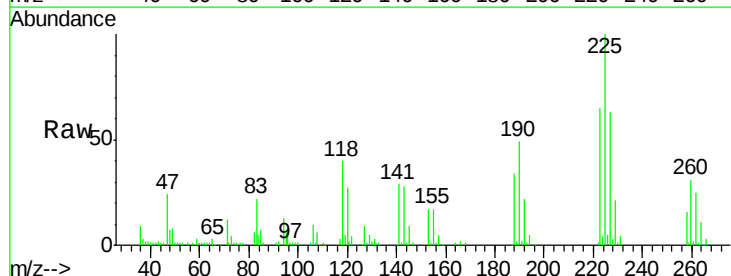


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

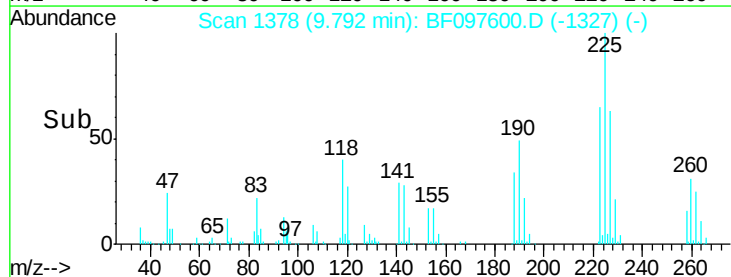
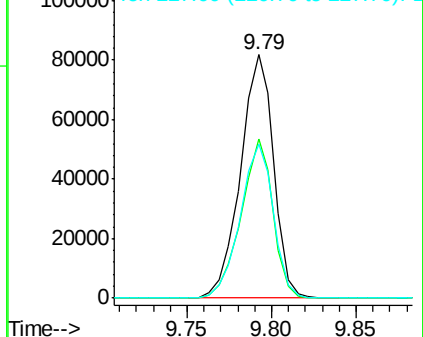


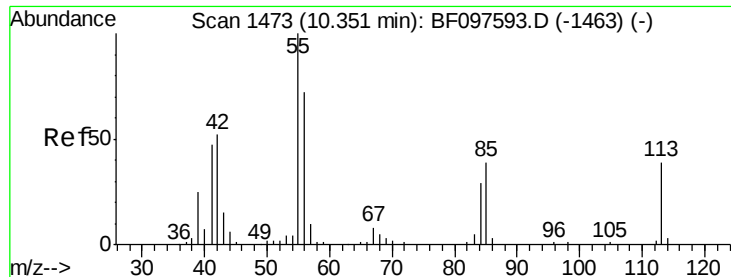
#34
Hexachlorobutadiene
Concen: 37.68 ng
RT: 9.79 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:	225	Resp:	111456
Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.8	73.2
227	63.1	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





#35

Caprolactam

Concen: 26.77 ng

RT: 10.36 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

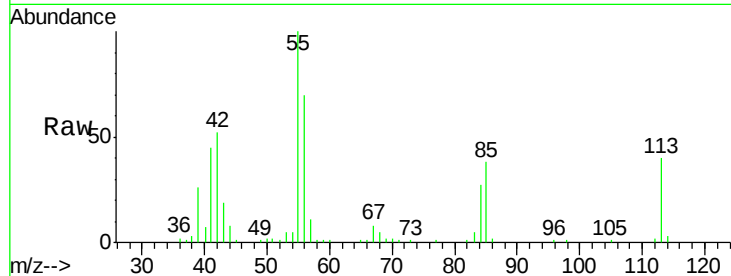
Tot Ion:113 Resp: 47110

Ion Ratio Lower Upper

113 100

55 251.6 150.2 190.2#

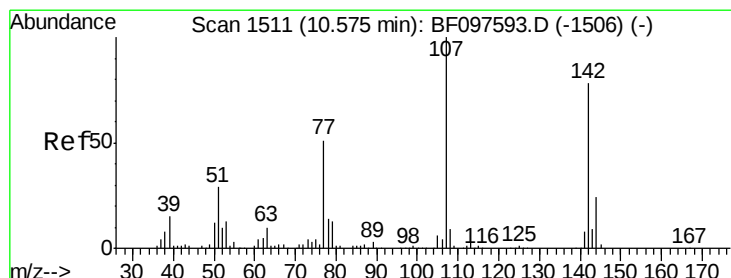
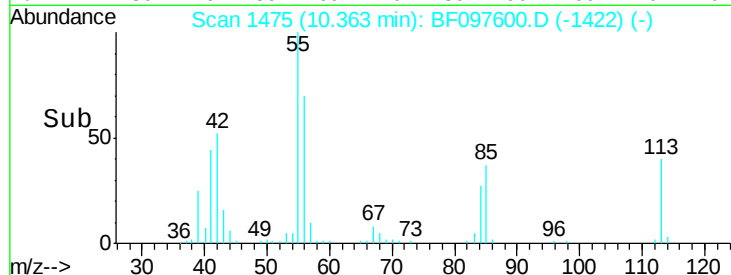
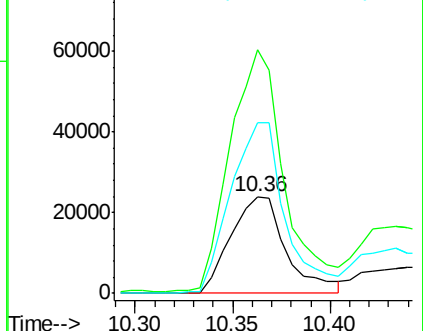
56 176.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.62 ng

RT: 10.59 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

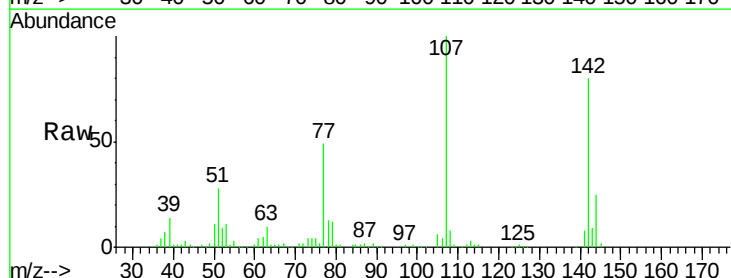
Tgt Ion:107 Resp: 236989

Ion Ratio Lower Upper

107 100

144 25.1 24.2 36.4

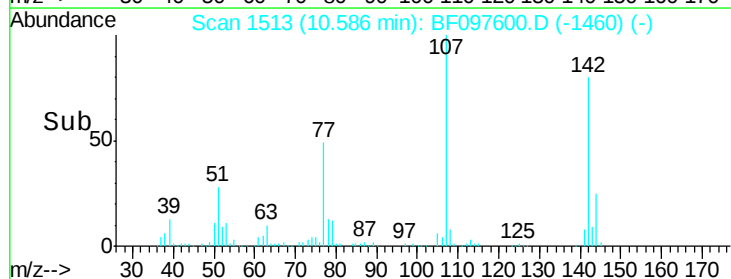
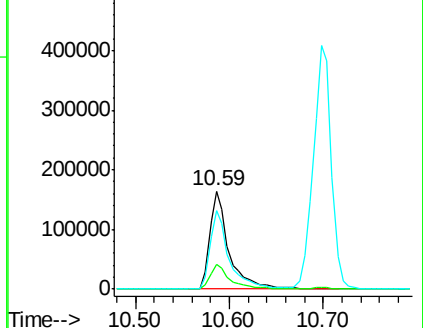
142 80.2 73.4 110.0

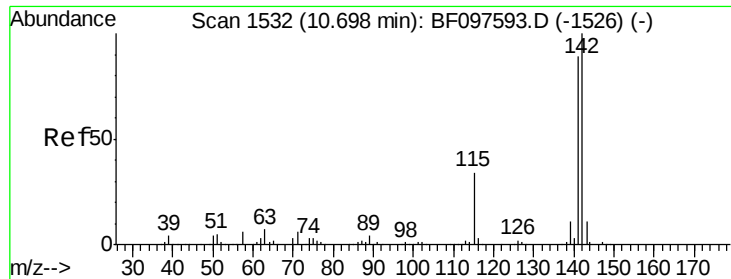


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

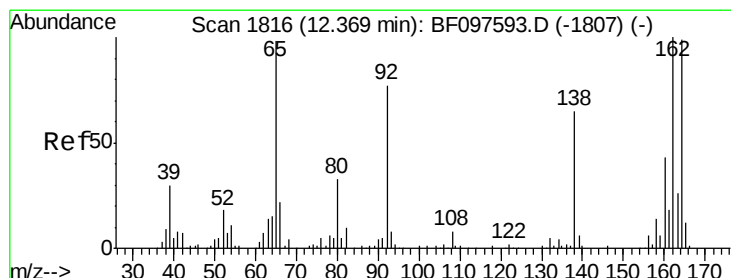
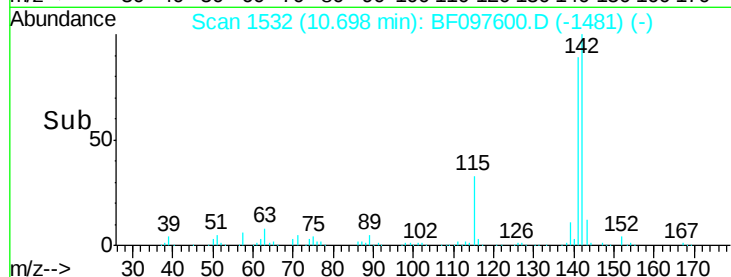
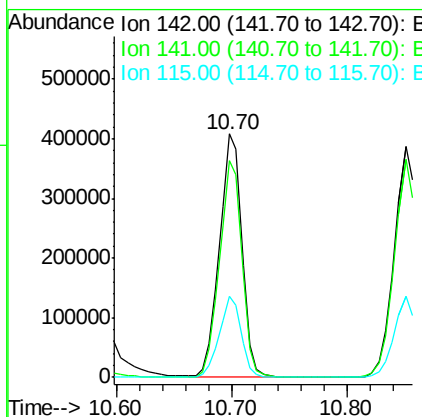
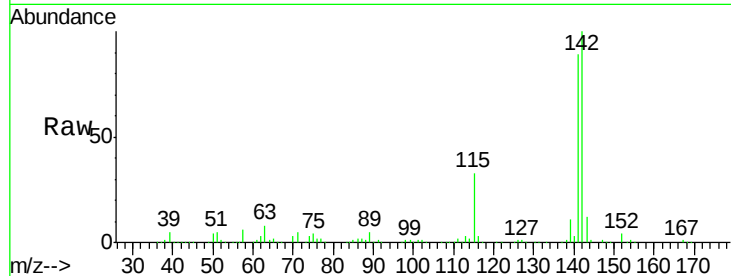




#37
2-Methylnaphthalene
Concen: 41.38 ng
RT: 10.70 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

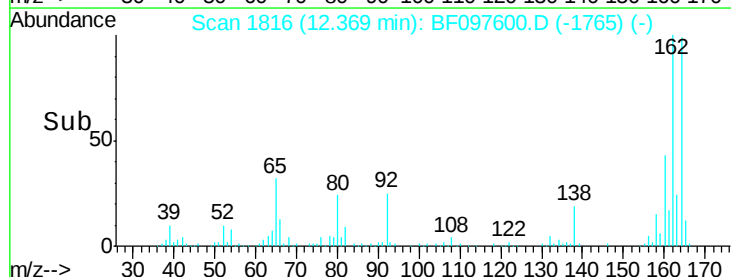
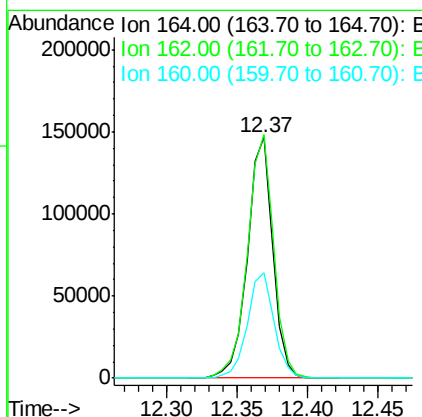
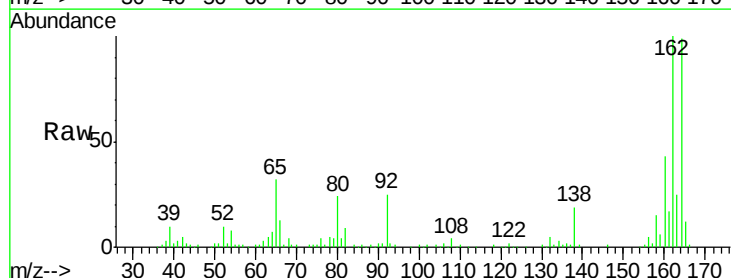
Instrument :
BNA_F
ClientSampled :
PB101452BS

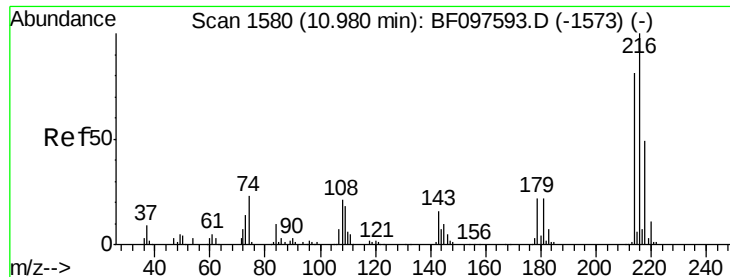
Tot Ion:142 Resp: 551029
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9
115 33.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:164 Resp: 184160
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 43.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.81 ng

RT: 10.98 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

Tot Ion:216 Resp: 191966

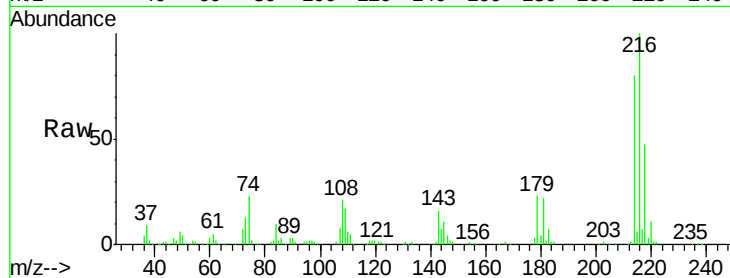
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.7	17.9	26.9
108	23.5	16.5	24.7

216 100

214 79.7 63.4 95.2

179 22.7 17.9 26.9

108 23.5 16.5 24.7

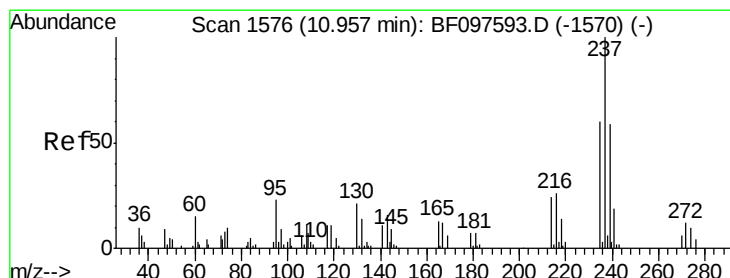
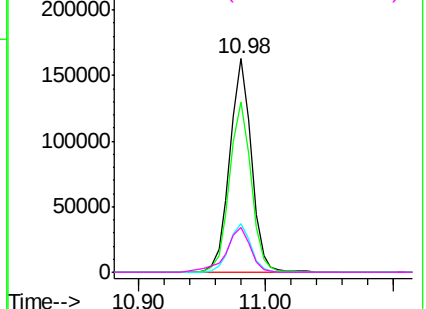
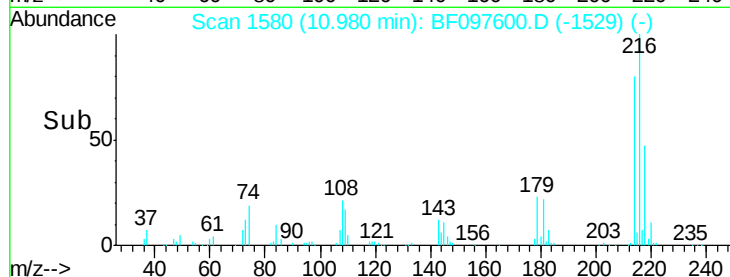


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.63 ng

RT: 10.96 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

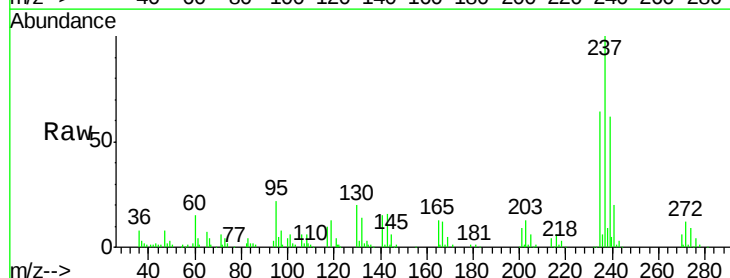
Tgt Ion:237 Resp: 115156

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	12.4	0.0	31.9

237 100

235 64.2 42.6 82.6

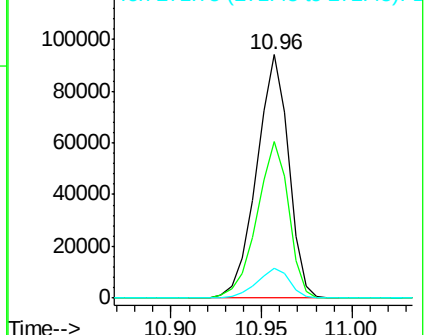
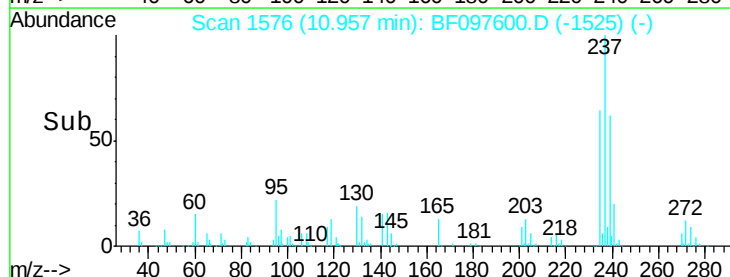
272 12.4 0.0 31.9

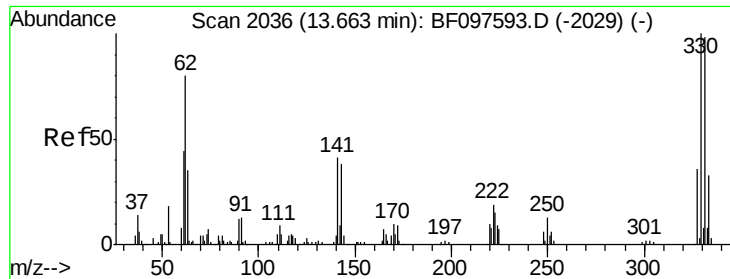


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

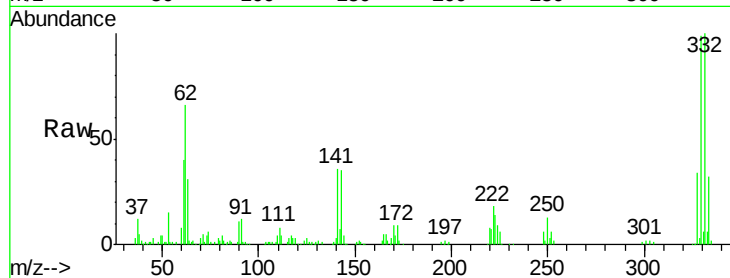




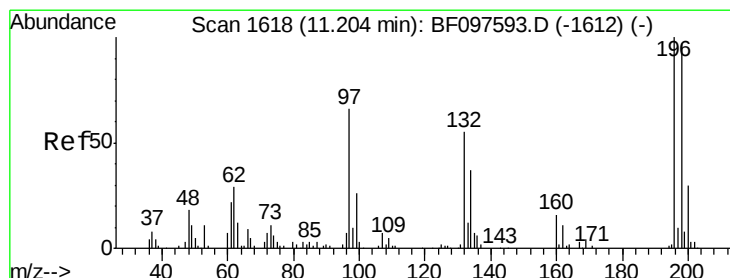
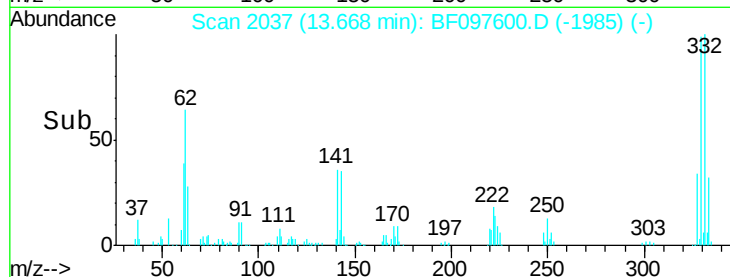
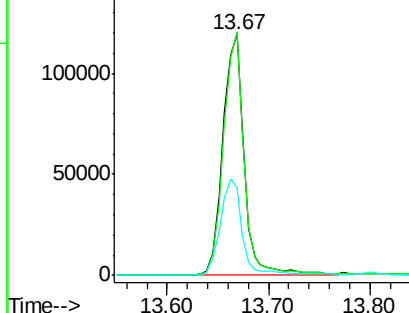
#41
 2,4,6-Tribromophenol
 Concen: 125.51 ng
 RT: 13.67 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	41.3	31.4	47.2

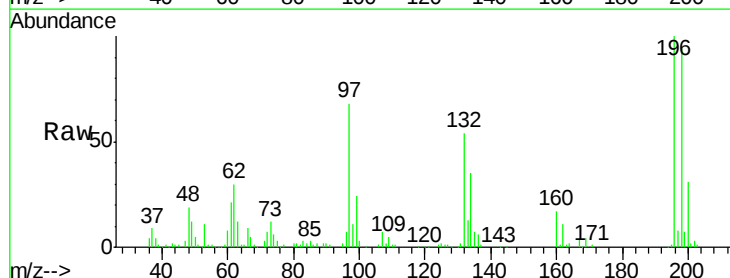


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

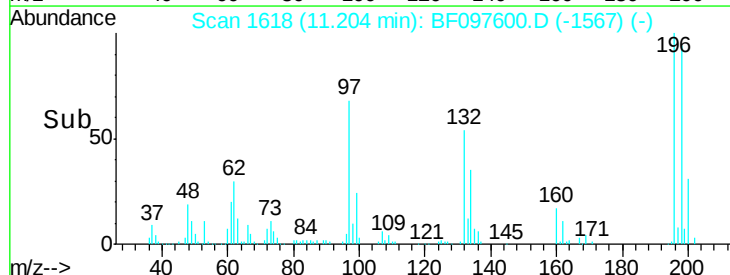
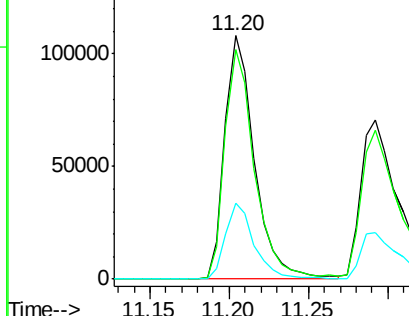


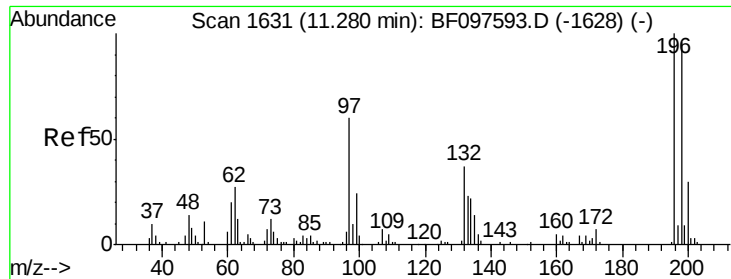
#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 11.20 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	31.5	24.0	36.0



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

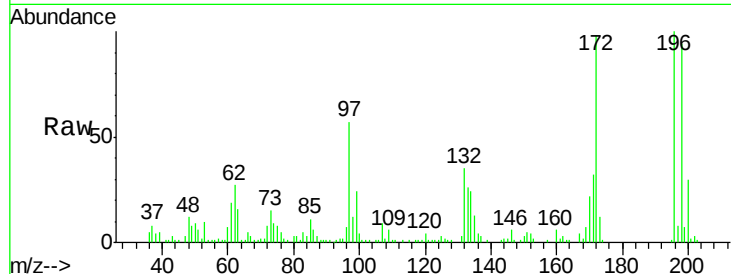




#43
 2,4,5-Trichlorophenol
 Concen: 43.66 ng
 RT: 11.29 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
97	57.0	47.7	71.5
132	35.4	28.0	42.0



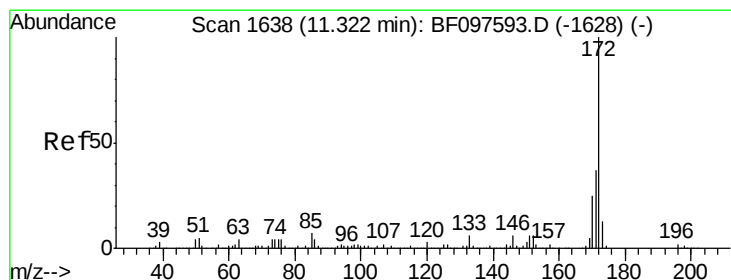
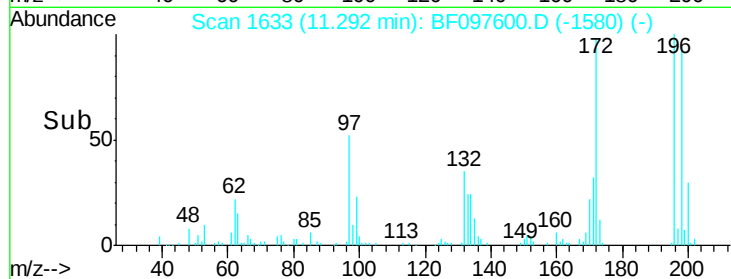
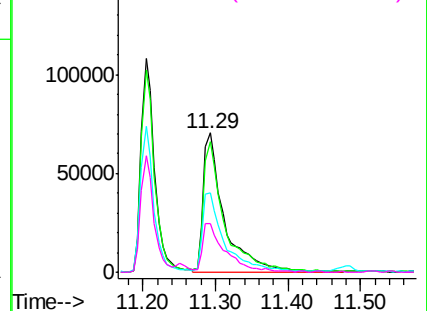
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

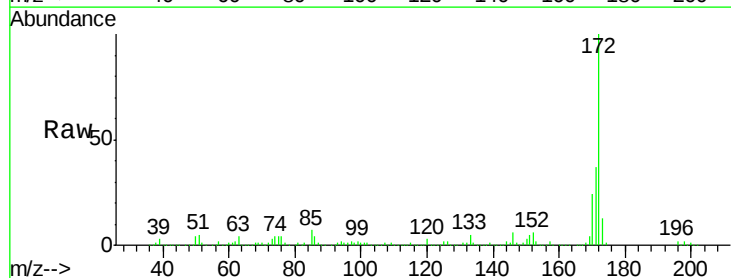
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.62 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.8	19.8	29.8

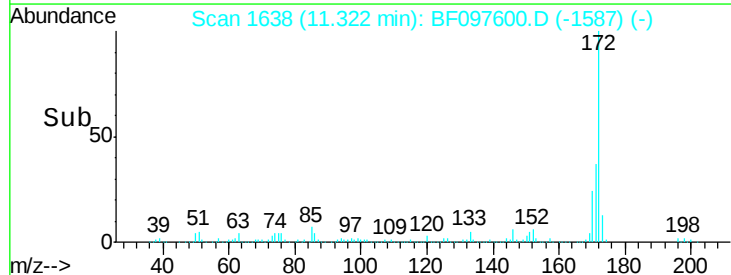
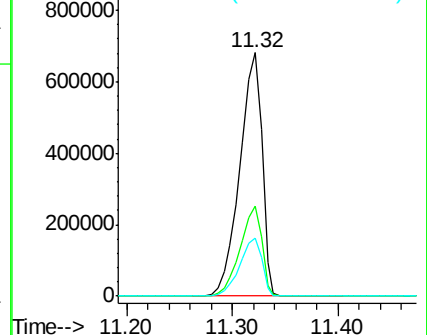


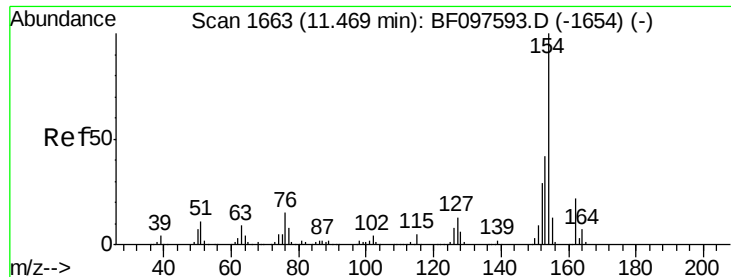
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

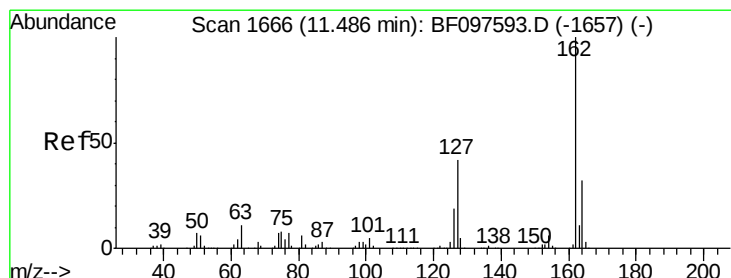
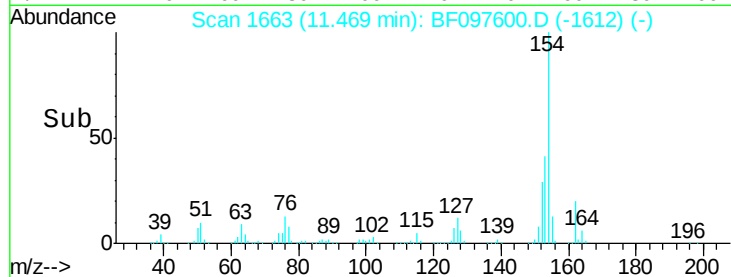
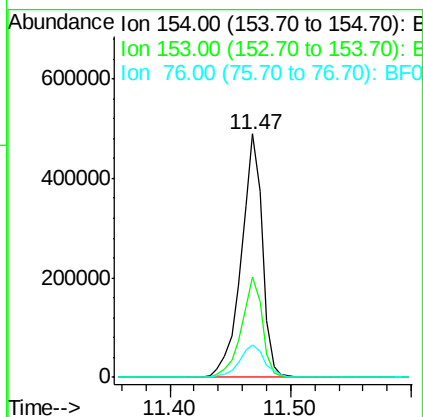
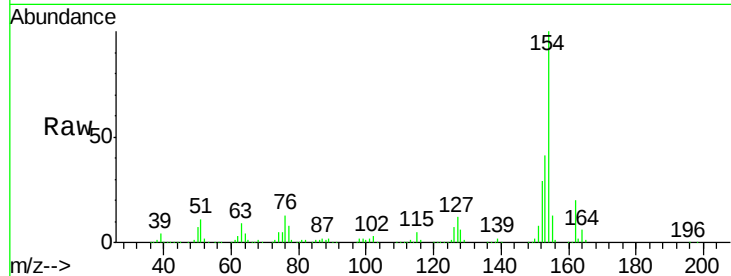




#45
 1,1'-Biphenyl
 Concen: 37.66 ng
 RT: 11.47 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

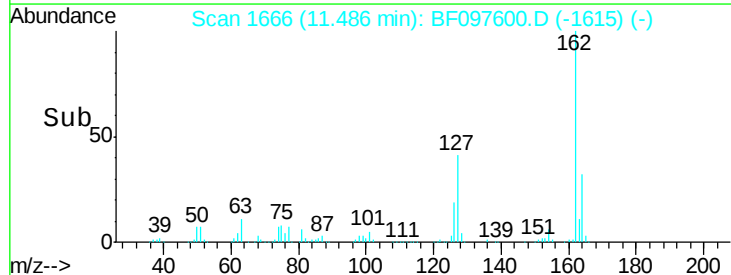
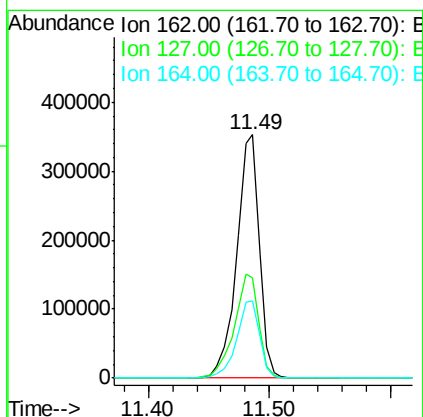
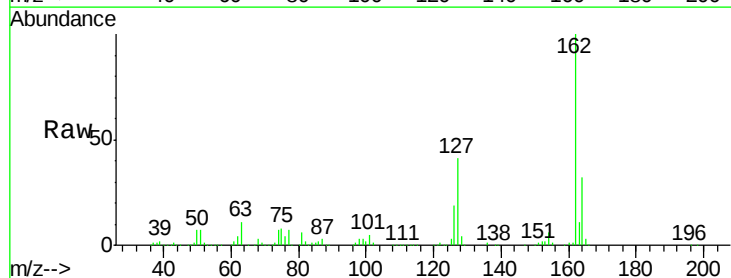
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

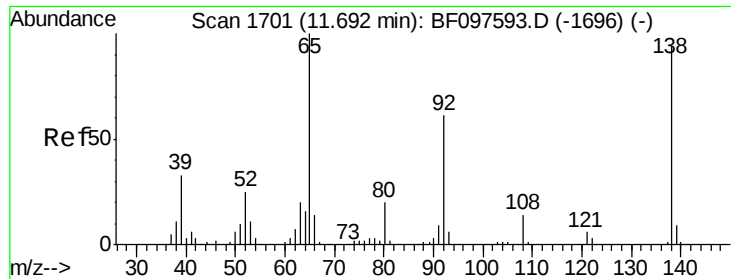
Tot Ion:154 Resp: 595085
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.2 61.2
 76 13.4 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 37.94 ng
 RT: 11.49 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion:162 Resp: 460292
 Ion Ratio Lower Upper
 162 100
 127 41.3 28.3 42.5
 164 31.5 27.0 40.4

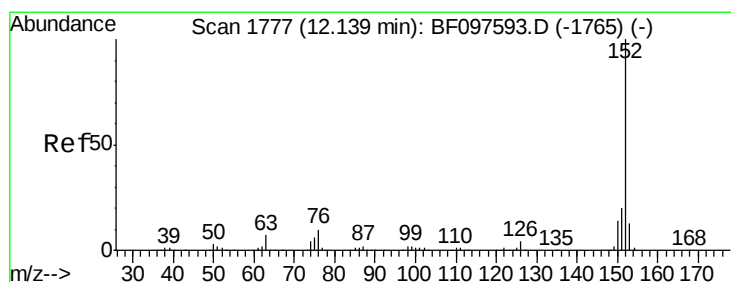
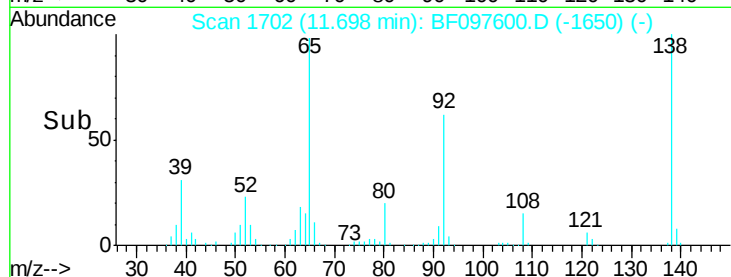
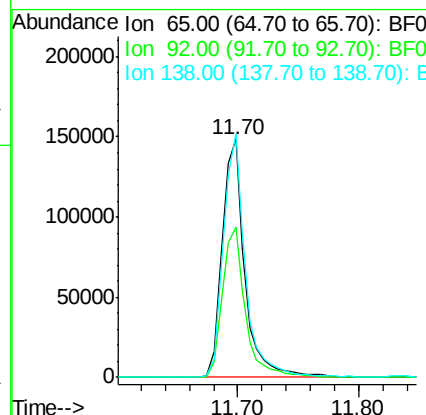
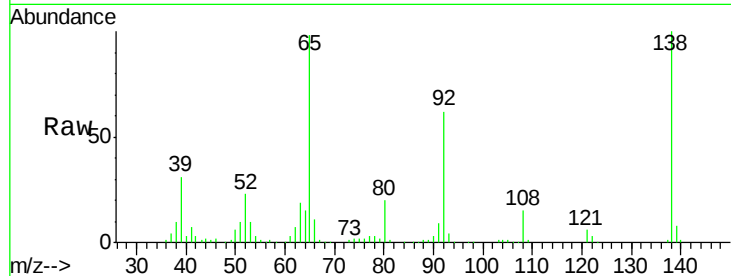




#47
 2-Nitroaniline
 Concen: 40.05 ng
 RT: 11.70 min Scan# 1702
 Delta R.T. 0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

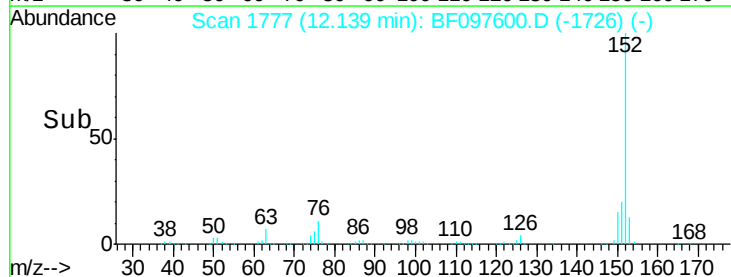
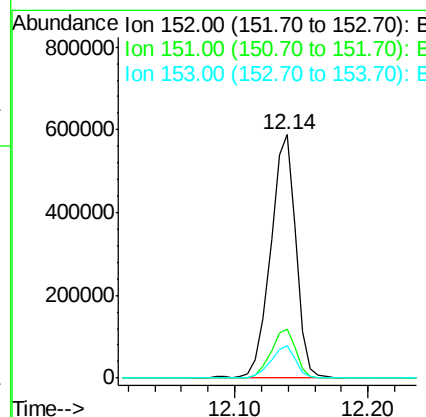
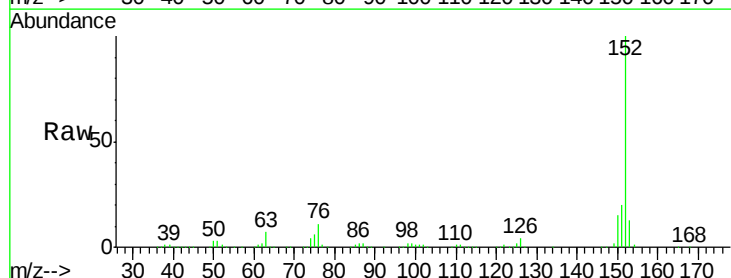
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

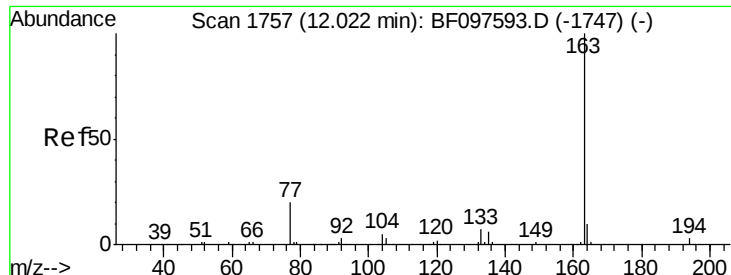
Tot Ion:	65	Resp:	190349
Ion	Ratio	Lower	Upper
65	100		
92	63.3	53.9	80.9
138	102.3	78.8	118.2



#48
 Acenaphthylene
 Concen: 40.06 ng
 RT: 12.14 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion:	152	Resp:	772566
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.1	10.8	16.2

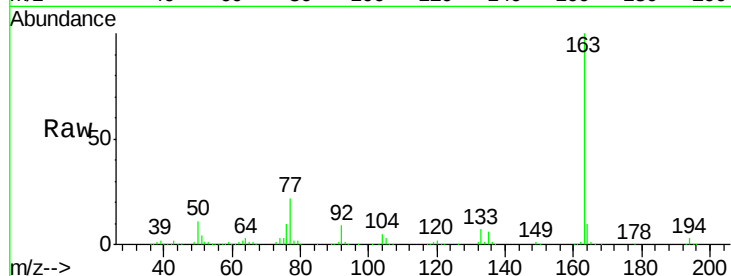




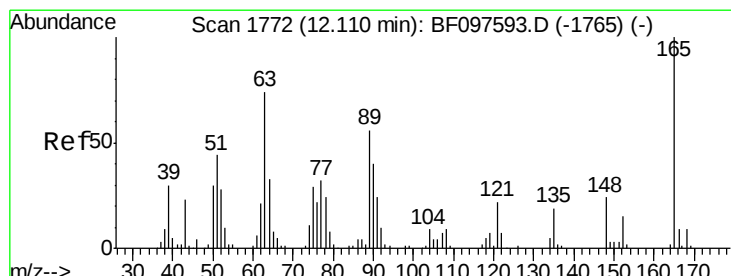
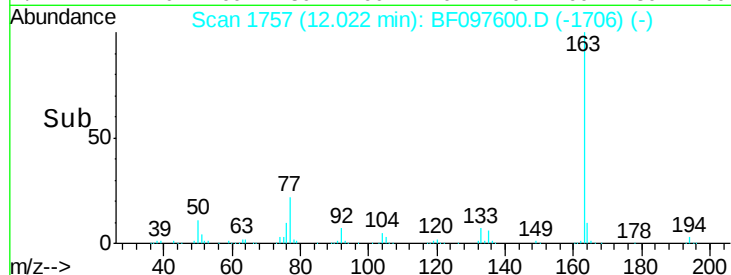
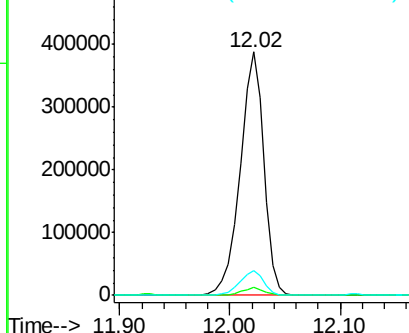
#49
Dimethylphthalate
Concen: 41.20 ng
RT: 12.02 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Tot Ion:163 Resp: 584697
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.4 12.6

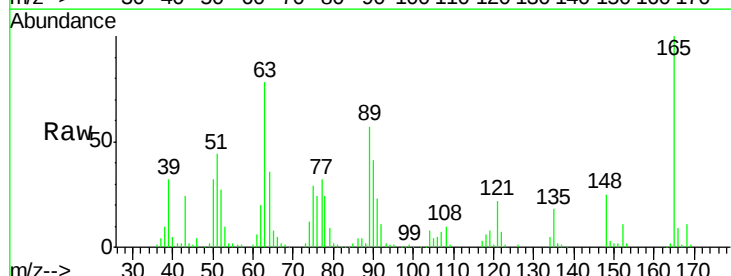


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

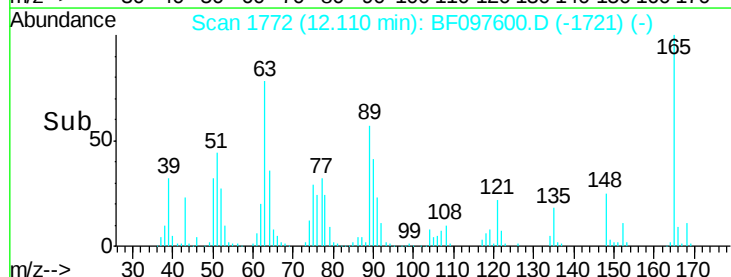
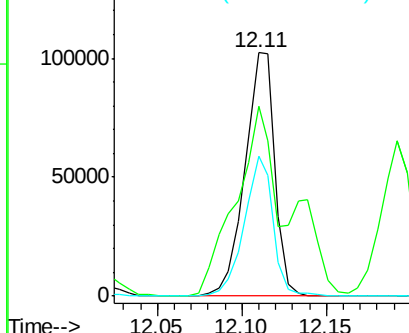


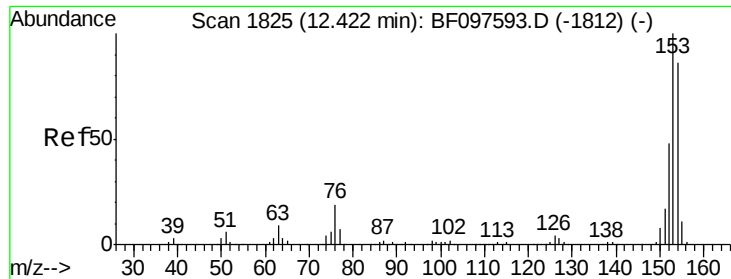
#50
2,6-Dinitrotoluene
Concen: 43.13 ng
RT: 12.11 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:165 Resp: 126409
Ion Ratio Lower Upper
165 100
63 77.9 34.3 51.5#
89 57.5 37.1 55.7#



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





#51

Acenaphthene

Concen: 38.00 ng

RT: 12.42 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

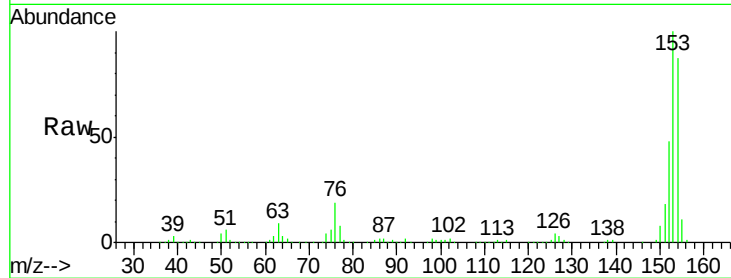
Tot Ion:154 Resp: 439198

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

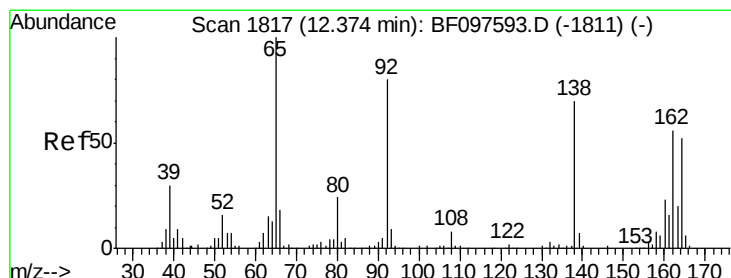
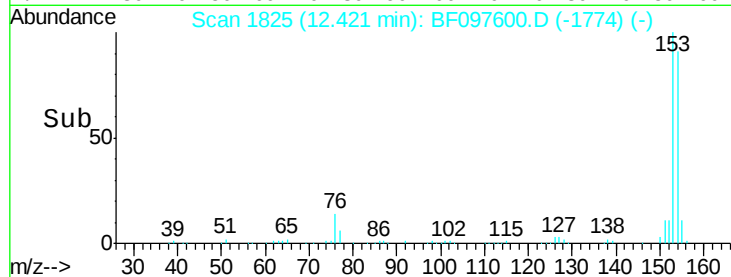
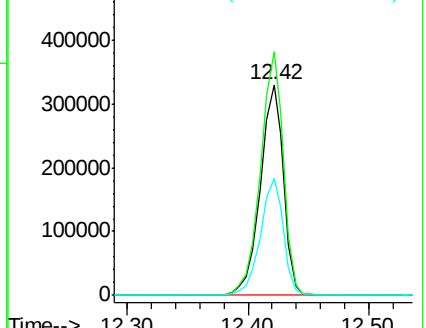
152 55.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.47 ng

RT: 12.37 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

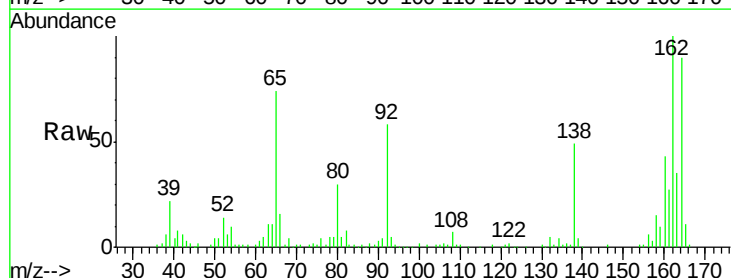
Tgt Ion:138 Resp: 86231

Ion Ratio Lower Upper

138 100

108 14.5 9.1 13.7#

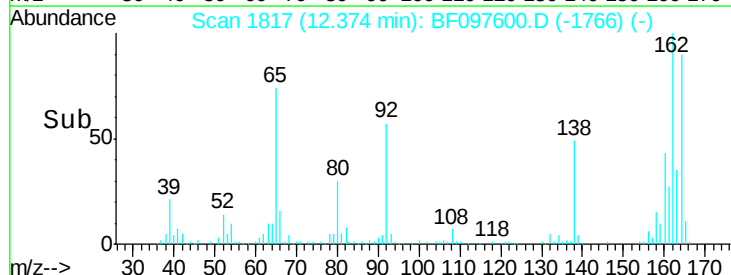
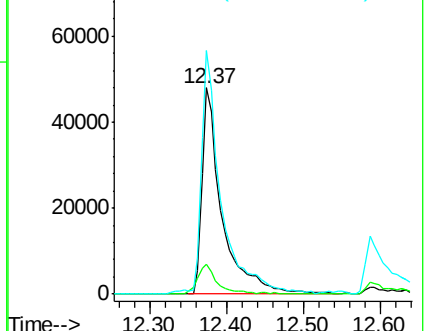
92 118.3 93.8 140.6

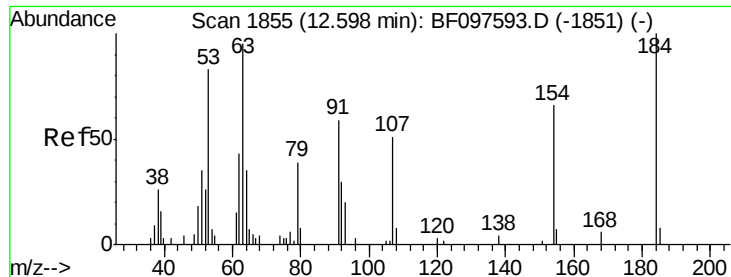


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

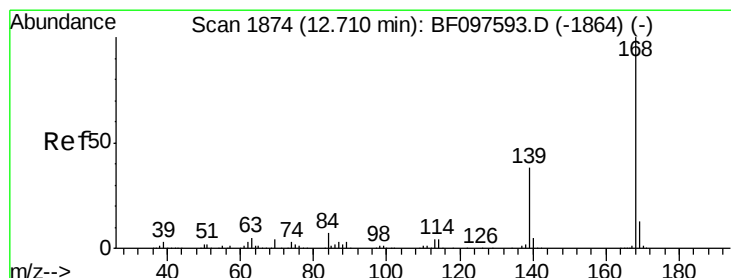
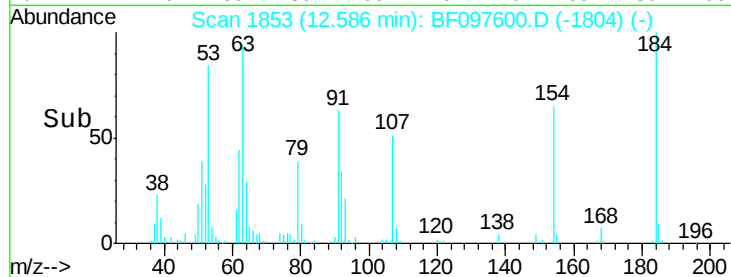
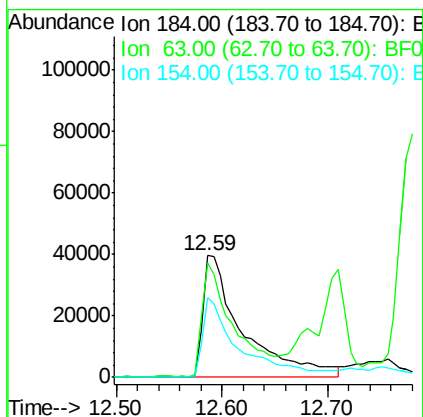
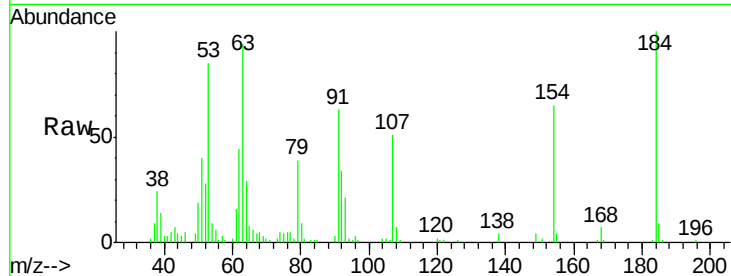




#53
 2,4-Dinitrophenol
 Concen: 85.96 ng
 RT: 12.59 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

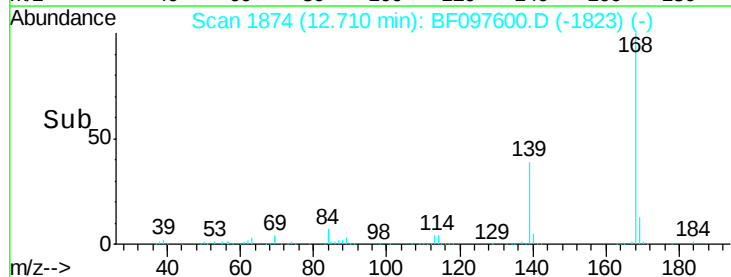
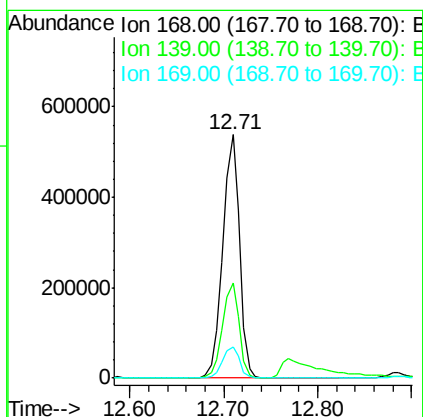
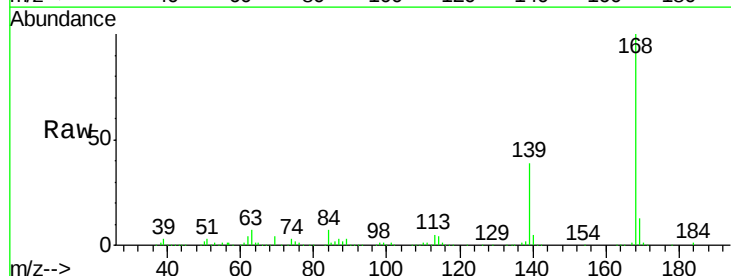
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

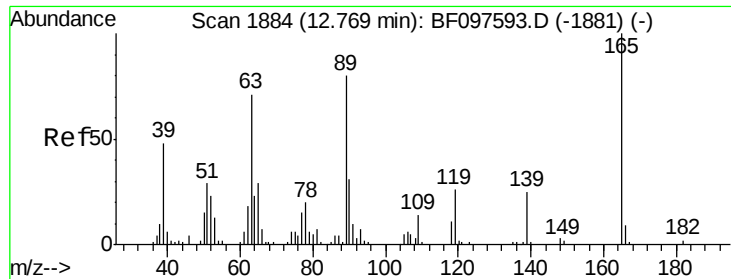
Tot Ion:184 Resp: 103856
 Ion Ratio Lower Upper
 184 100
 63 93.9 62.7 94.1
 154 65.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.37 ng
 RT: 12.71 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion:168 Resp: 669432
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.0 10.8 16.2

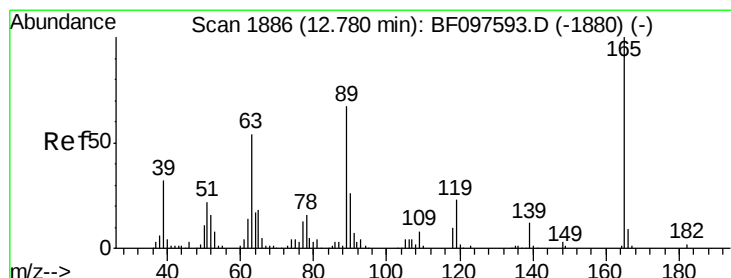
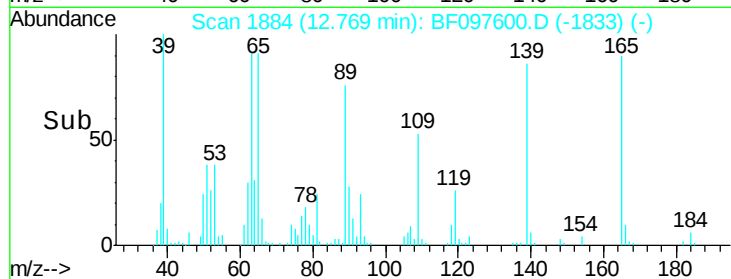
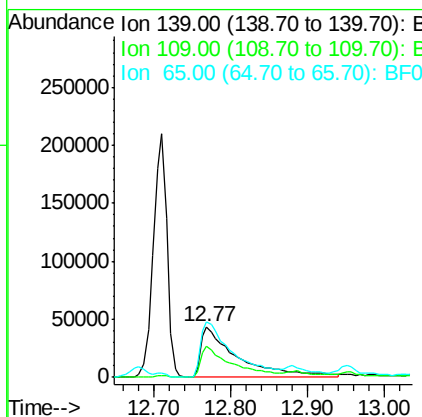
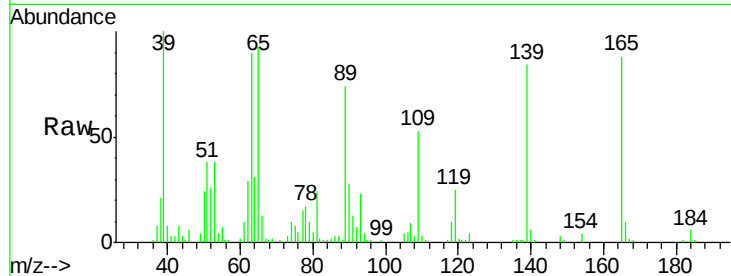




#55
4-Nitrophenol
Concen: 98.25 ng
RT: 12.77 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

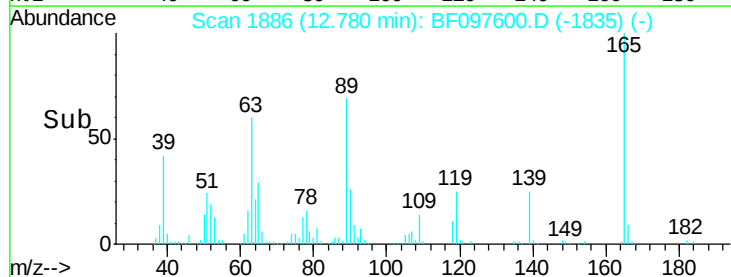
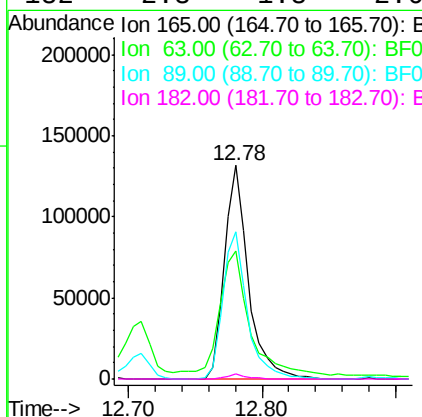
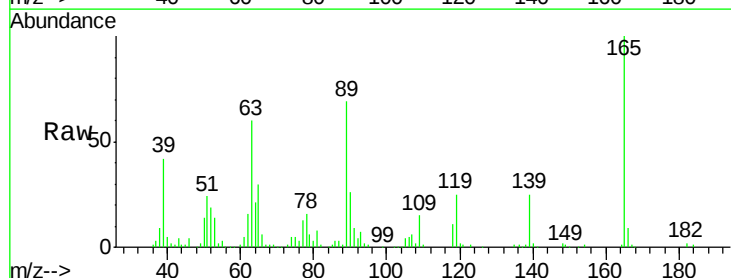
Instrument :
BNA_F
ClientSampleId :
PB101452BS

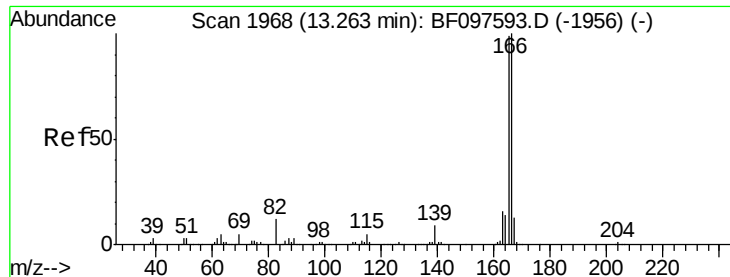
Tot Ion:139 Resp: 143586
Ion Ratio Lower Upper
139 100
109 62.6 34.1 74.1
65 110.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.60 ng
RT: 12.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:165 Resp: 166643
Ion Ratio Lower Upper
165 100
63 60.2 25.4 38.0#
89 68.8 46.4 69.6
182 2.3 1.8 2.6





#57

Fluorene

Concen: 40.12 ng

RT: 13.26 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

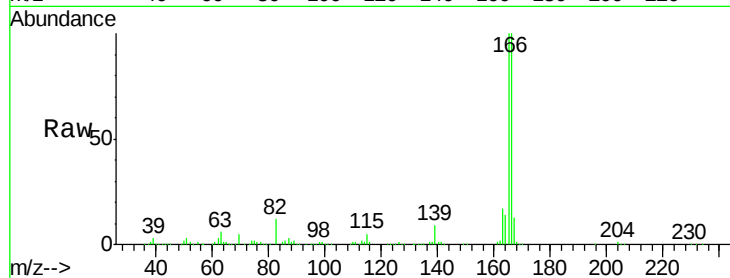
Tot Ion:166 Resp: 533910

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

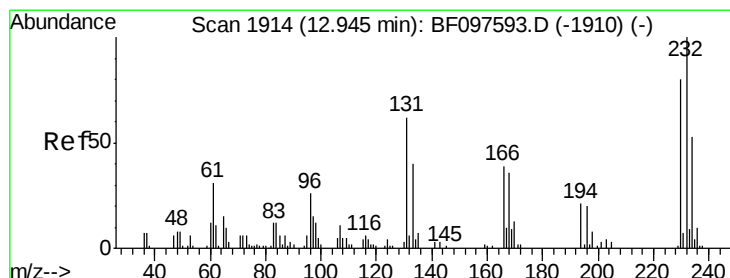
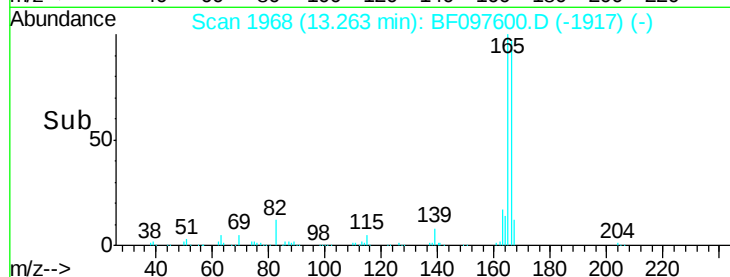
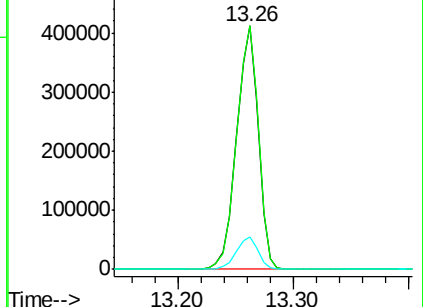
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.91 ng

RT: 12.95 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Tgt Ion:232 Resp: 104550

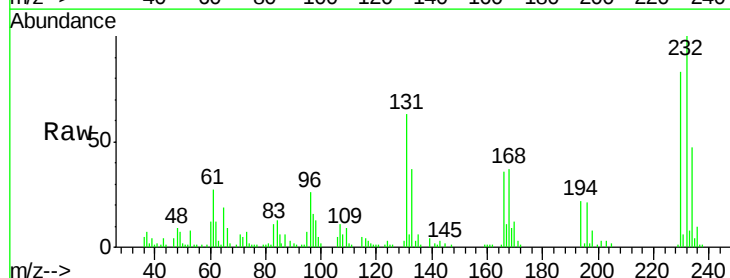
Ion Ratio Lower Upper

232 100

131 48.7 44.8 67.2

130 2.6 2.3 3.5

166 28.7 29.0 43.4#

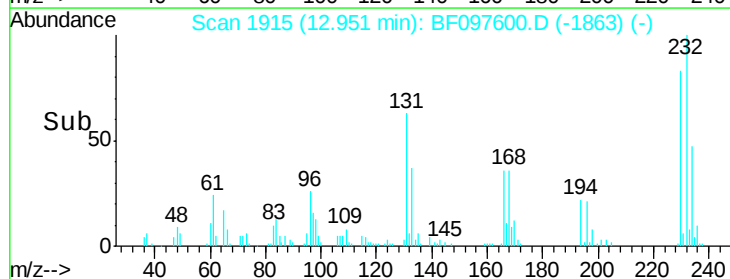
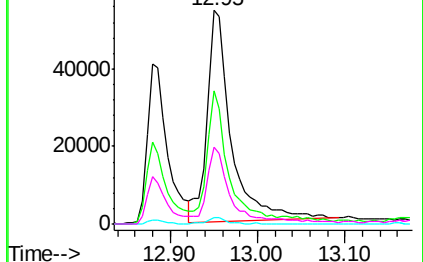


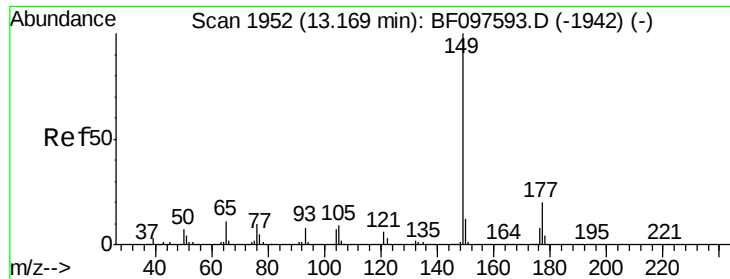
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

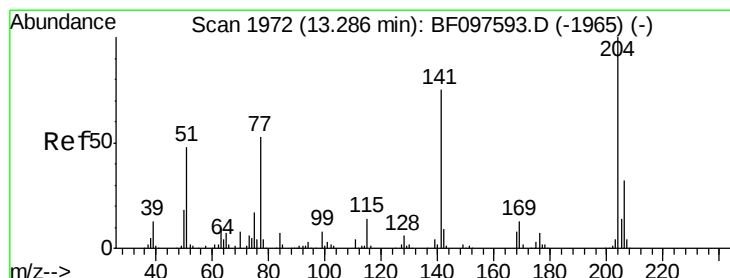
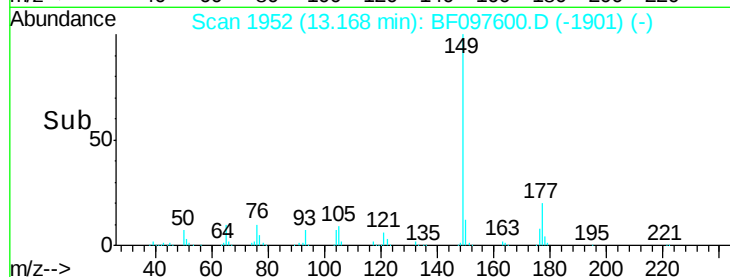
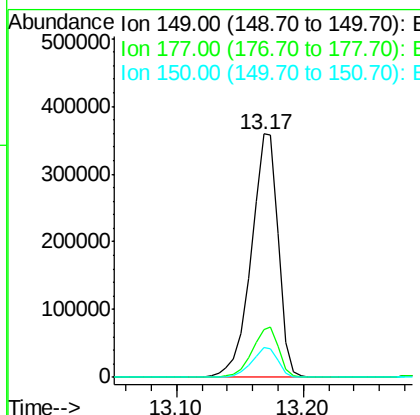
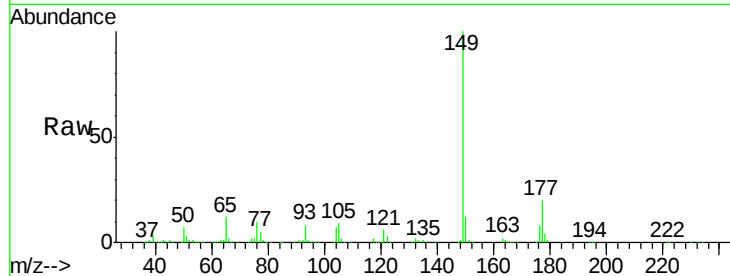




#59
Diethylphthalate
Concen: 39.91 ng
RT: 13.17 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

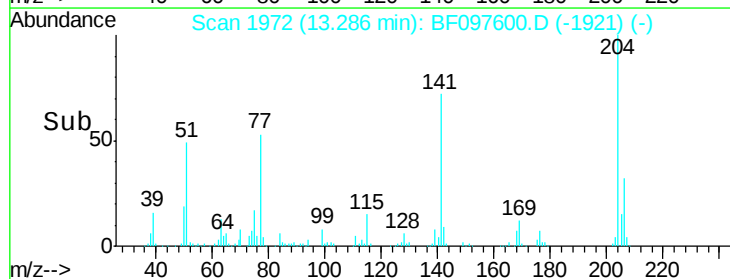
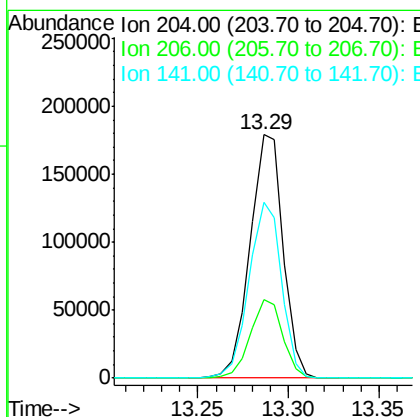
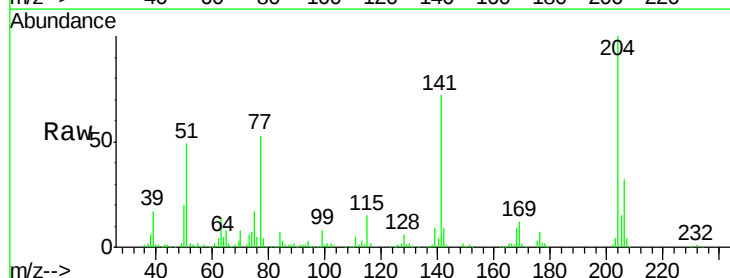
Instrument :
BNA_F
ClientSampleId :
PB101452BS

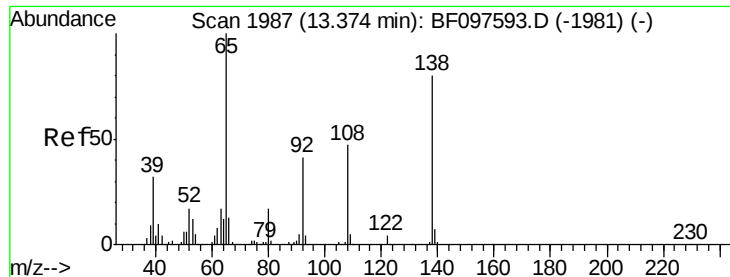
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.7	25.1
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.94 ng
RT: 13.29 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	72.3	60.8	91.2

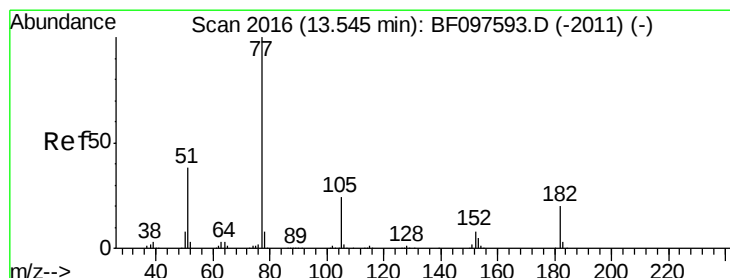
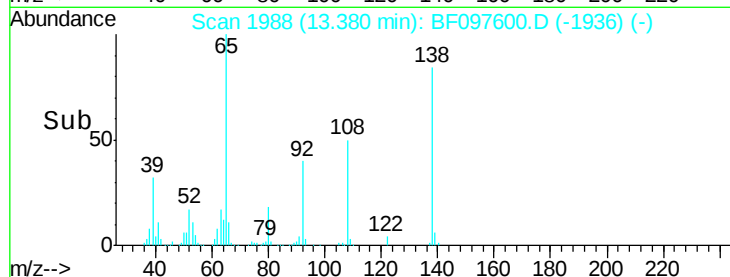
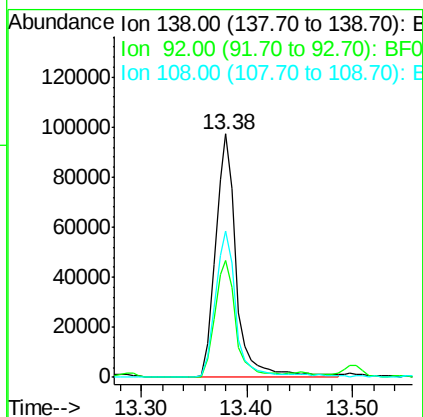
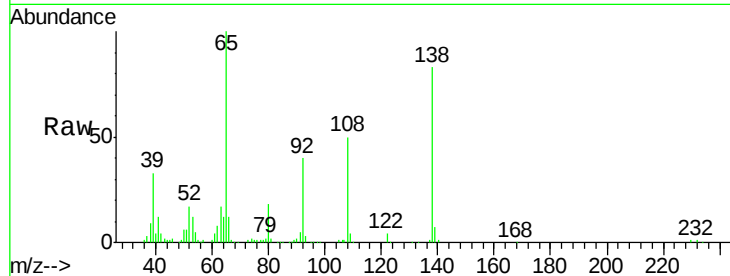




#61
4-Nitroaniline
Concen: 37.03 ng
RT: 13.38 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

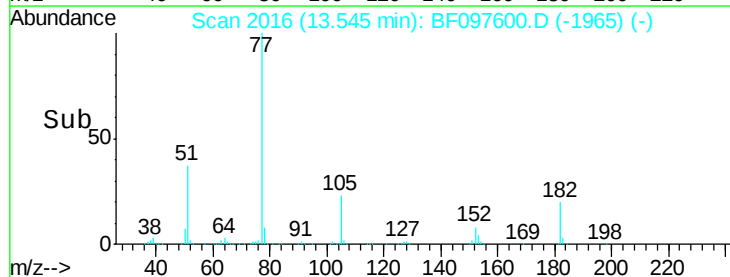
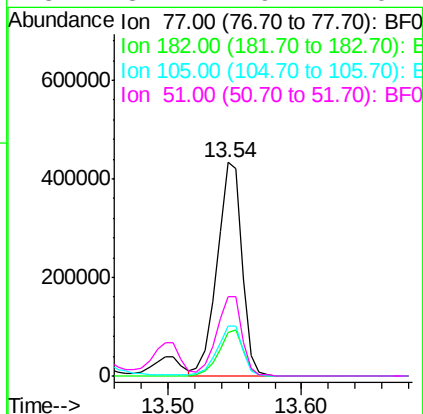
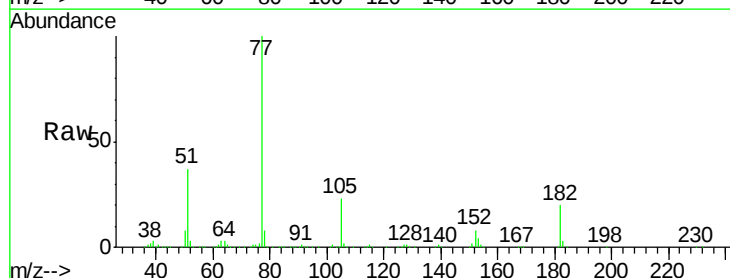
Instrument :
BNA_F
ClientSampleId :
PB101452BS

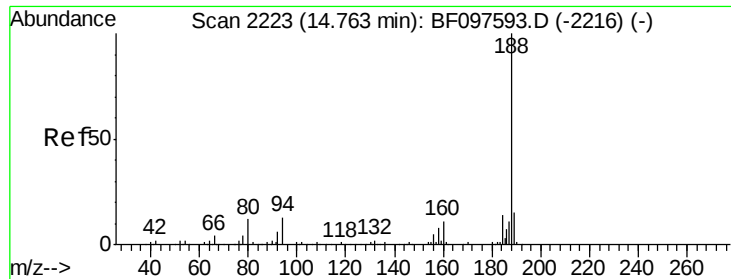
Tot Ion:138 Resp: 135570
Ion Ratio Lower Upper
138 100
92 48.0 21.8 61.8
108 59.9 42.3 82.3



#62
Azobenzene
Concen: 42.83 ng
RT: 13.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion: 77 Resp: 571206
Ion Ratio Lower Upper
77 100
182 20.4 0.1 40.1
105 23.3 3.6 43.6
51 37.4 9.4 49.4

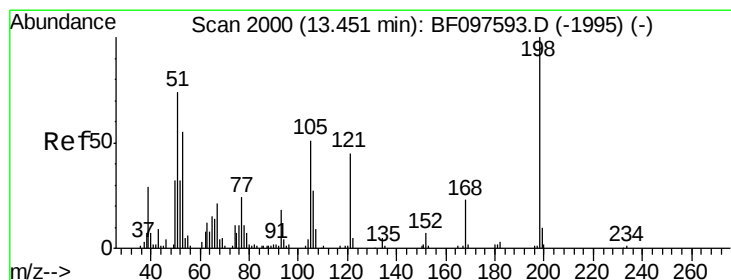
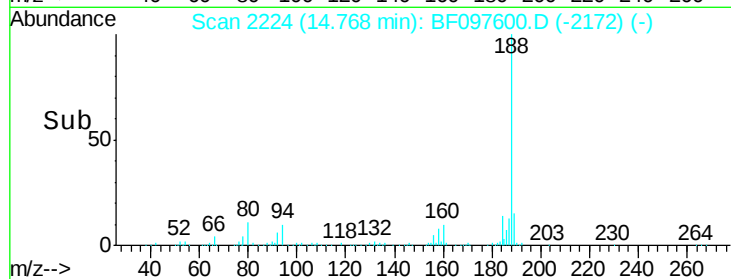
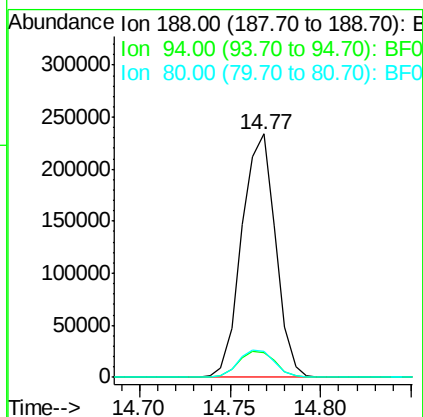
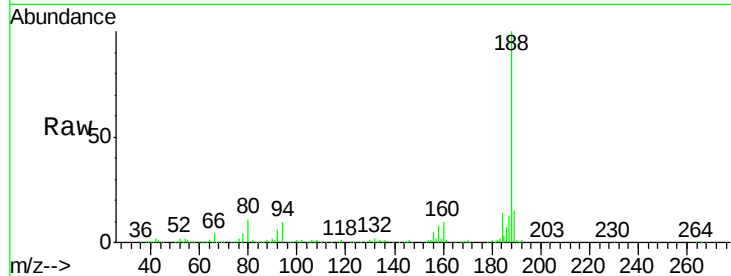




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

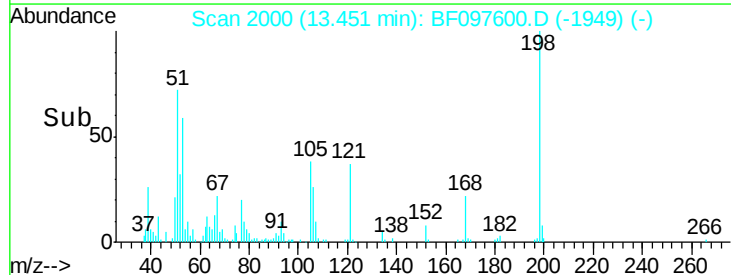
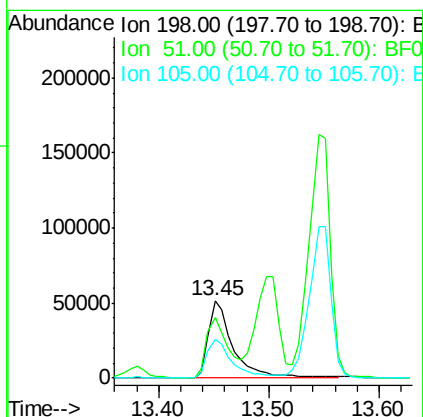
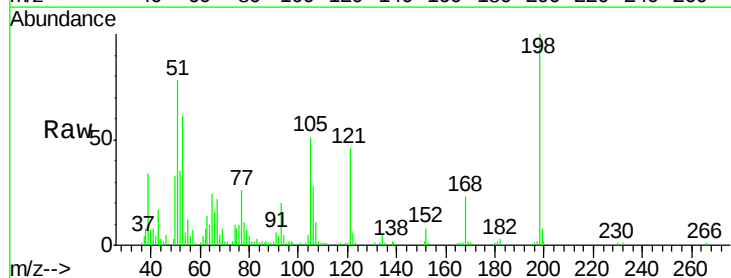
Instrument :
BNA_F
ClientSampleId :
PB101452BS

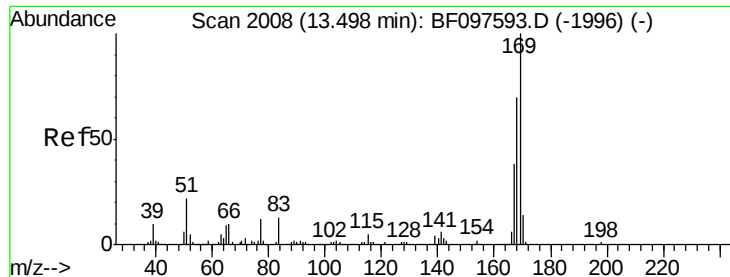
Tot Ion:188 Resp: 302736
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.90 ng
RT: 13.45 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:198 Resp: 79218
Ion Ratio Lower Upper
198 100
51 77.8 53.2 93.2
105 50.8 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 40.66 ng

RT: 13.50 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

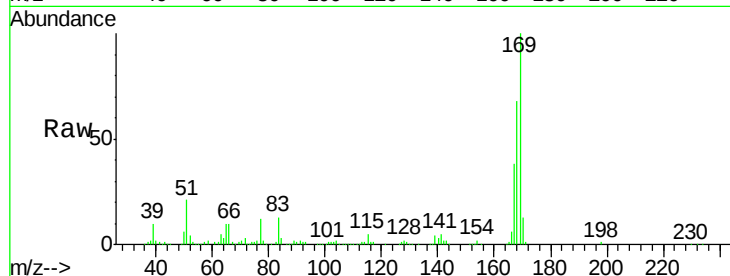
Tot Ion:169 Resp: 454857

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

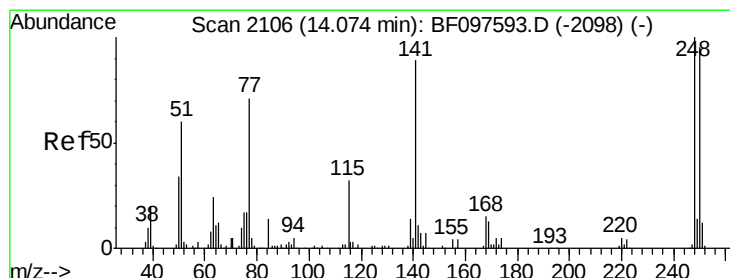
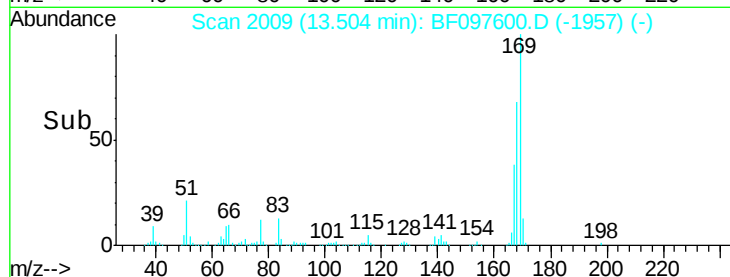
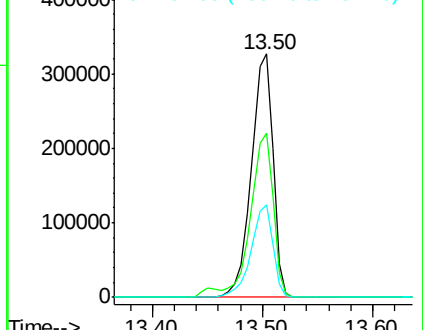
167 38.2 29.5 44.3



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: 41.13 ng

RT: 14.07 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

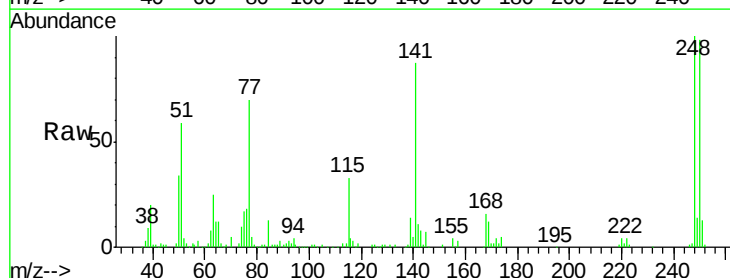
Tgt Ion:248 Resp: 129184

Ion Ratio Lower Upper

248 100

250 97.5 76.8 115.2

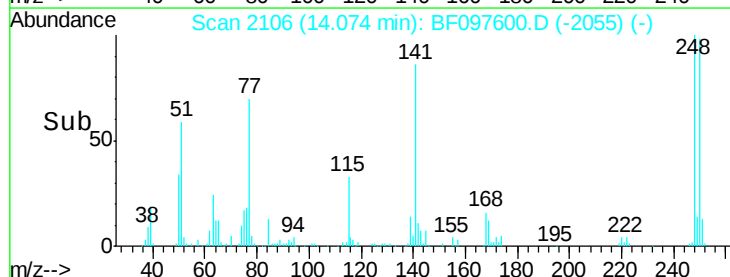
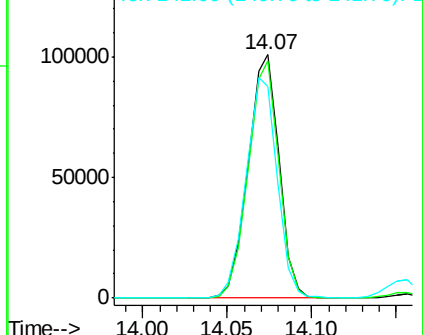
141 86.8 68.6 103.0

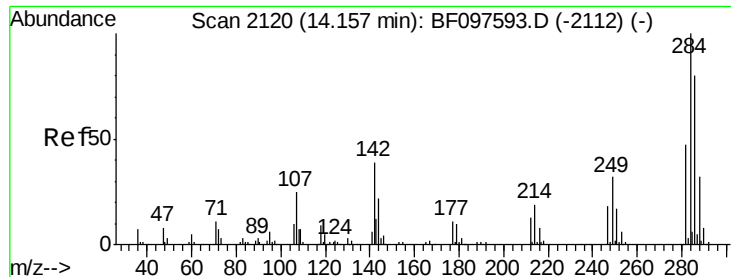


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

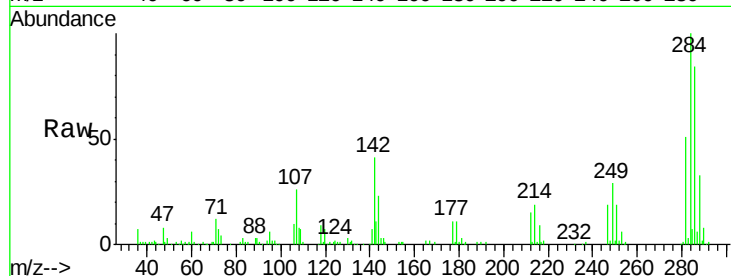




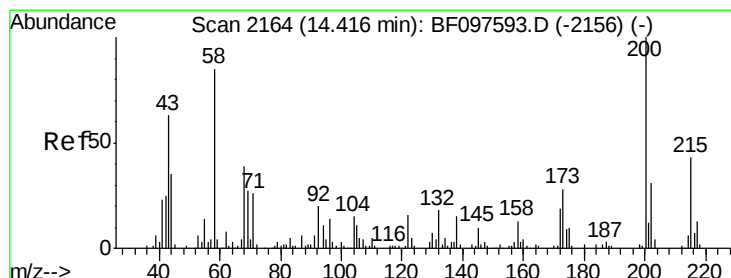
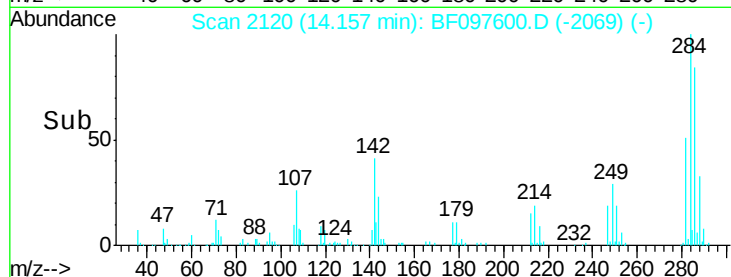
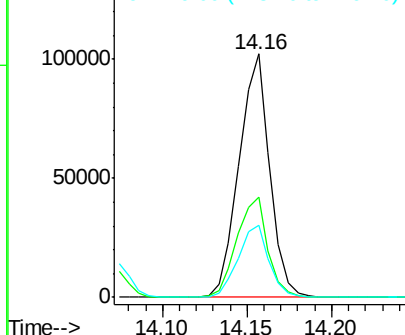
#67
Hexachlorobenzene
Concen: 37.75 ng
RT: 14.16 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Instrument :
BNA_F
ClientSampleId :
PB101452BS

Tot Ion:284 Resp: 129163
Ion Ratio Lower Upper
284 100
142 41.4 22.8 34.2#
249 29.5 24.0 36.0

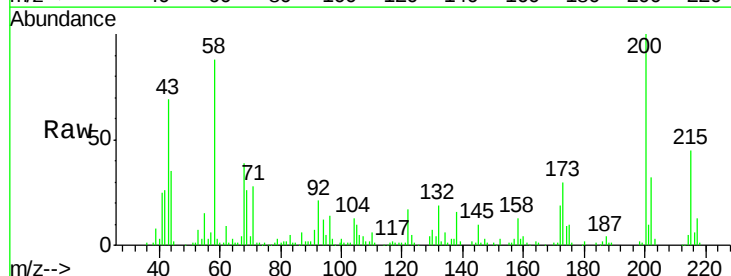


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

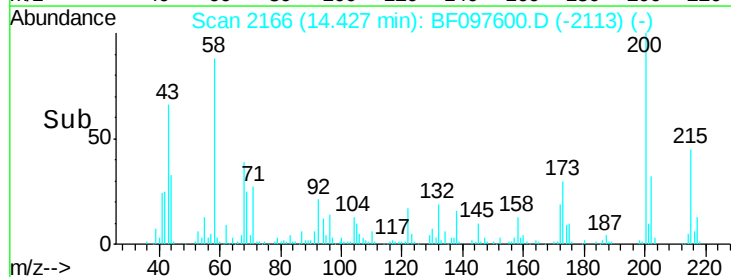
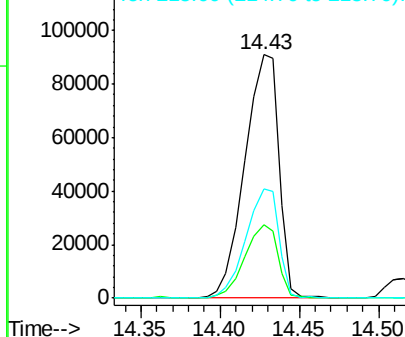


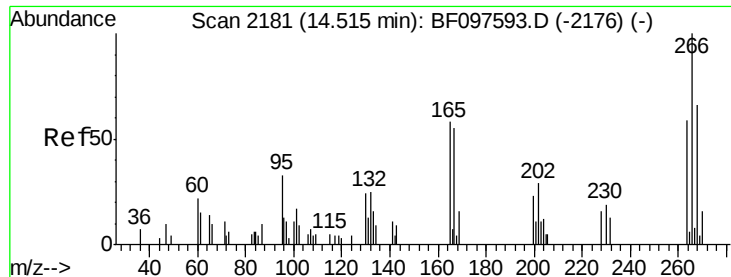
#68
Atrazine
Concen: 48.46 ng
RT: 14.43 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:200 Resp: 136042
Ion Ratio Lower Upper
200 100
173 30.0 6.3 46.3
215 45.0 27.2 67.2



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

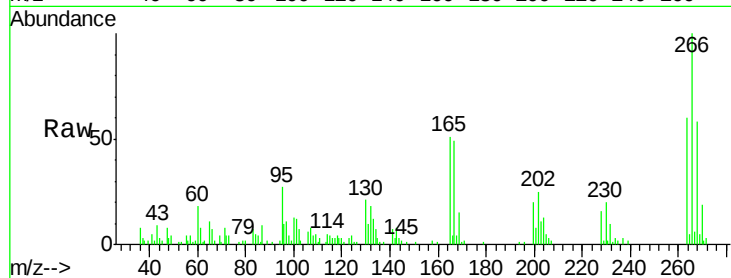




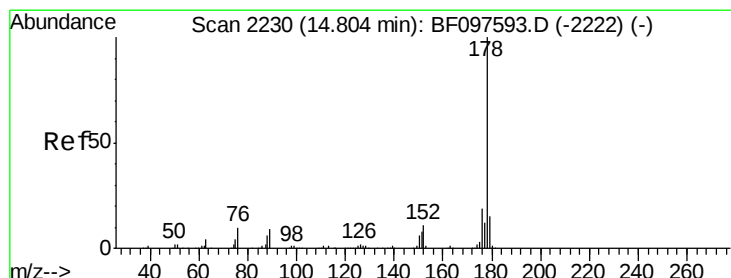
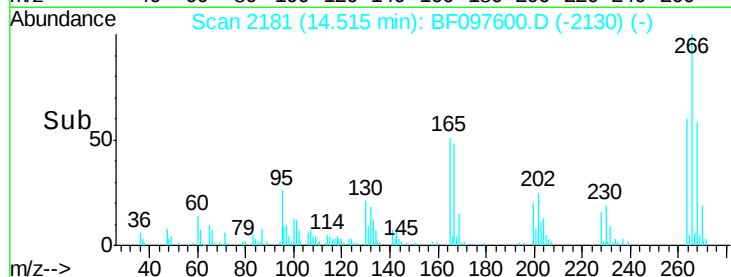
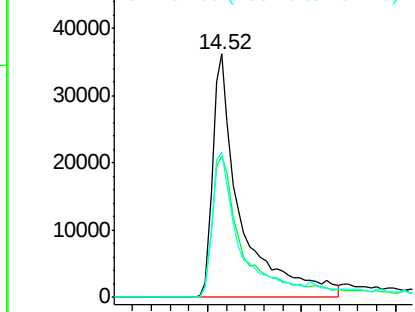
#69
 Pentachlorophenol
 Concen: 139.30 ng
 RT: 14.52 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

Tot Ion:266 Resp: 75612
 Ion Ratio Lower Upper
 266 100
 268 57.9 51.1 76.7
 264 59.7 51.7 77.5

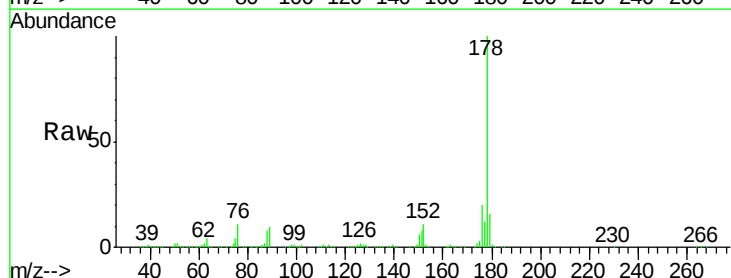


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

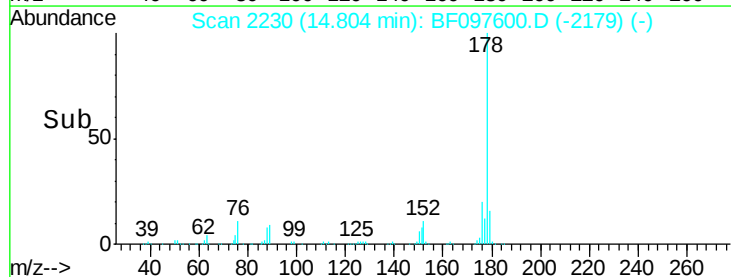
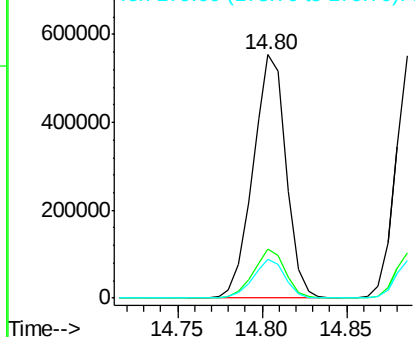


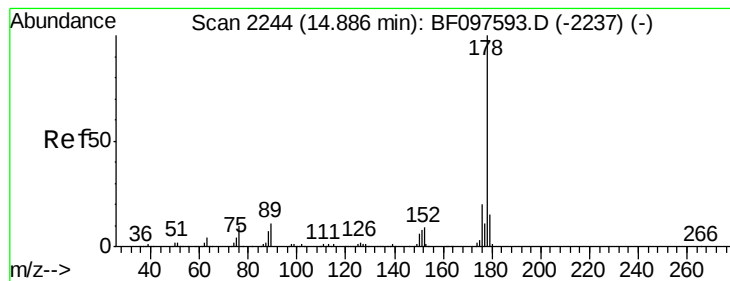
#70
 Phenanthrene
 Concen: 43.14 ng
 RT: 14.80 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion:178 Resp: 752144
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.7 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: 43.48 ng

RT: 14.89 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

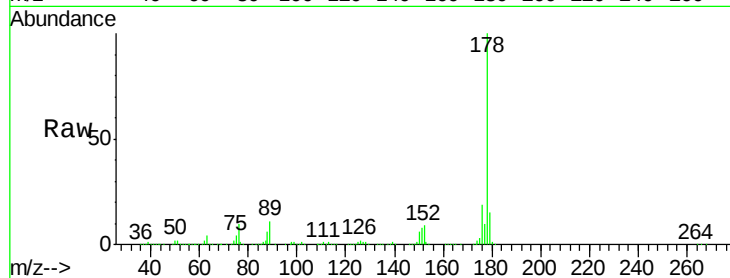
Tot Ion:178 Resp: 775619

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

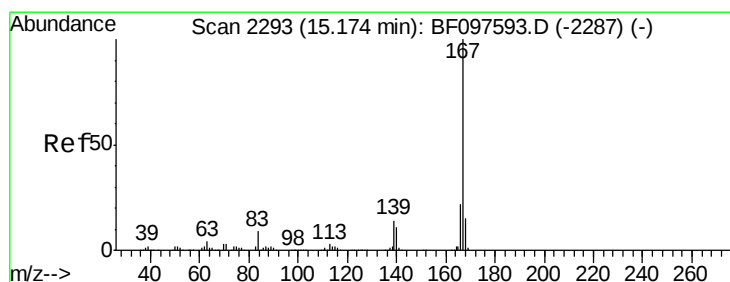
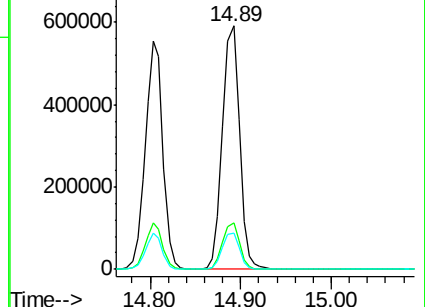
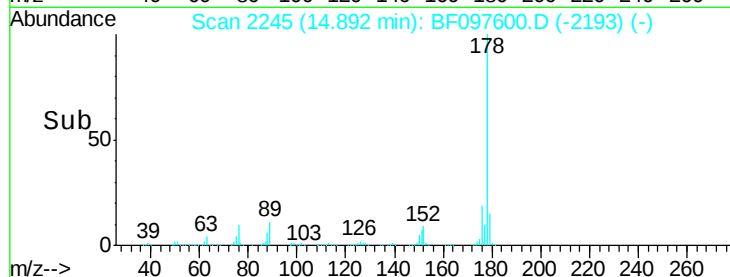
179 14.9 12.7 19.1



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: 43.16 ng

RT: 15.17 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

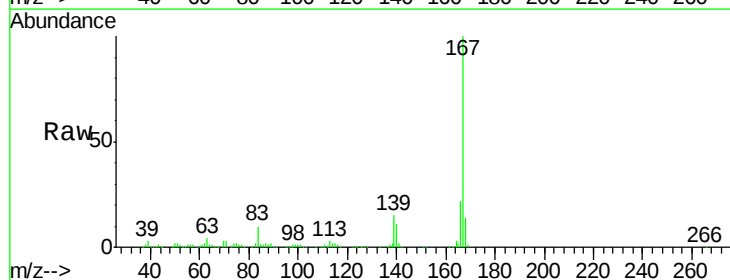
Tgt Ion:167 Resp: 732929

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

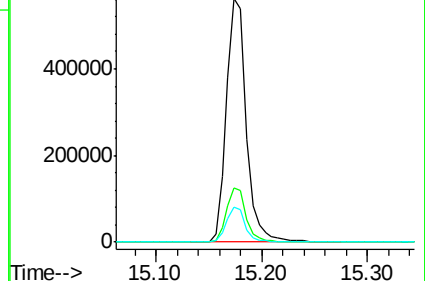
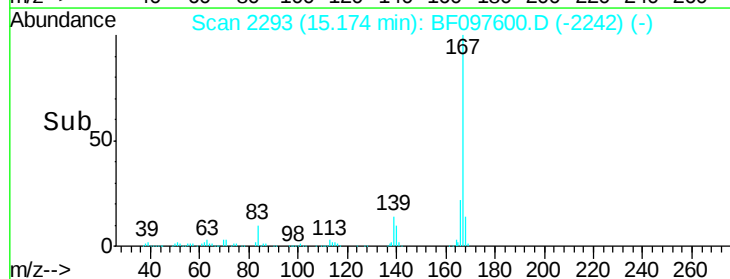
139 14.5 11.7 17.5

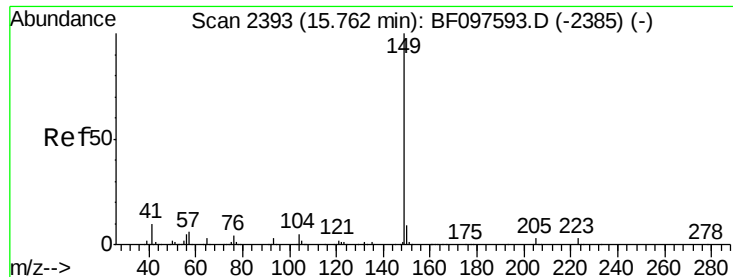


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

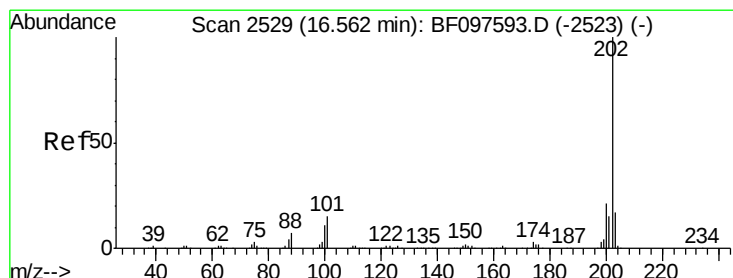
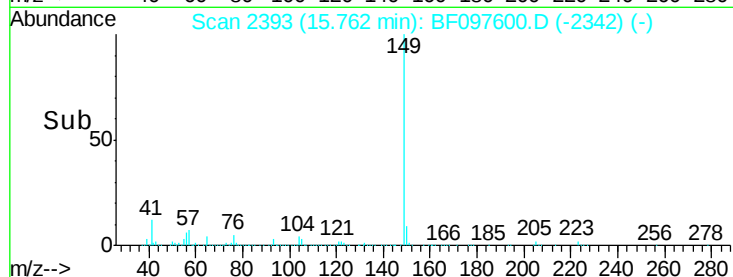
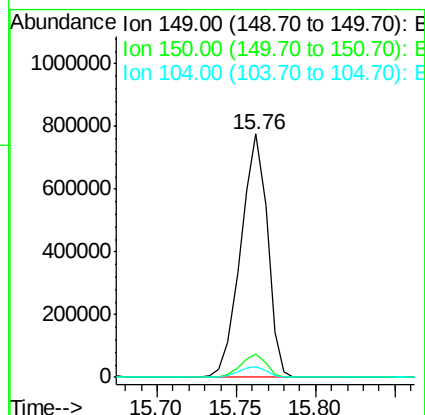
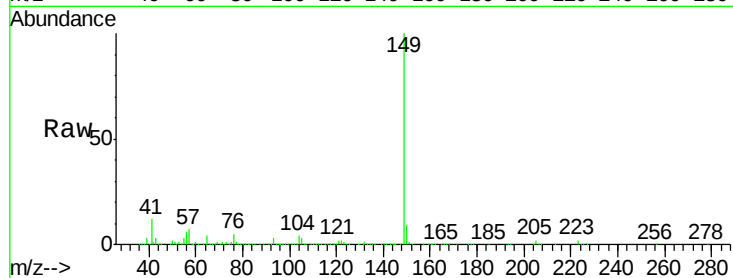




#73
Di-n-butylphthalate
Concen: 45.67 ng
RT: 15.76 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

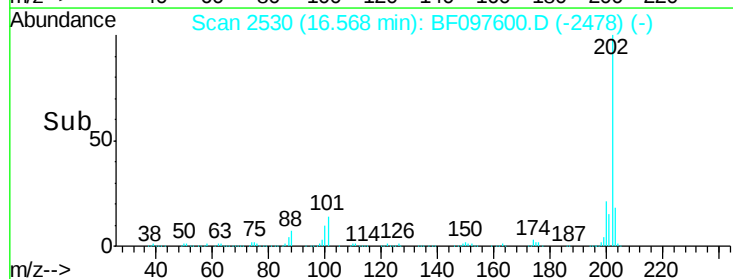
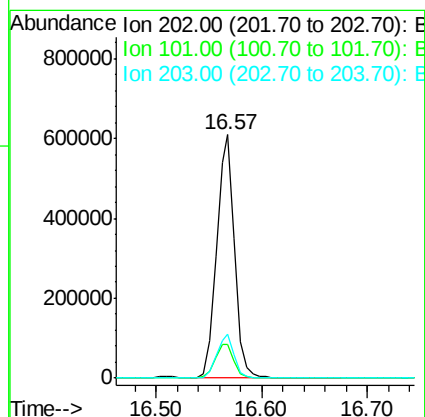
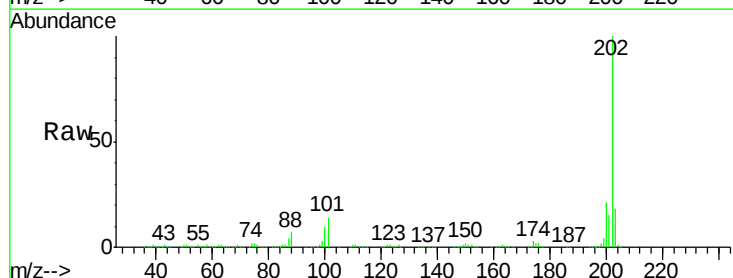
Instrument :
BNA_F
ClientSampleId :
PB101452BS

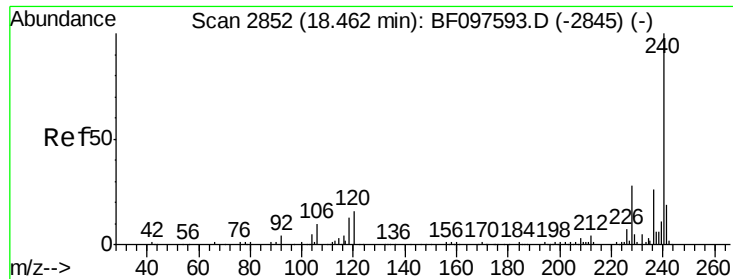
Tot Ion:149 Resp: 907812
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 46.22 ng
RT: 16.57 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:202 Resp: 728218
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.46 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

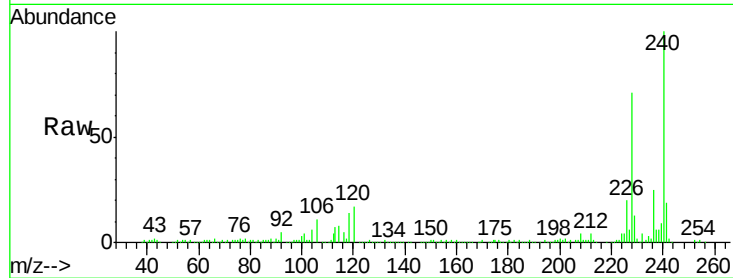
Tot Ion:240 Resp: 231884

Ion Ratio Lower Upper

240 100

120 17.2 5.8 8.8#

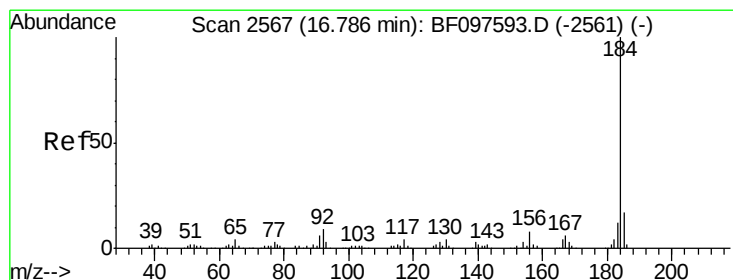
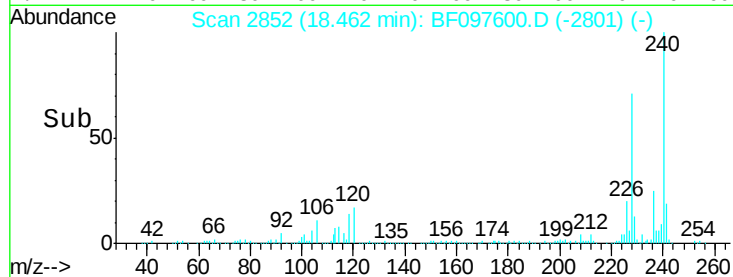
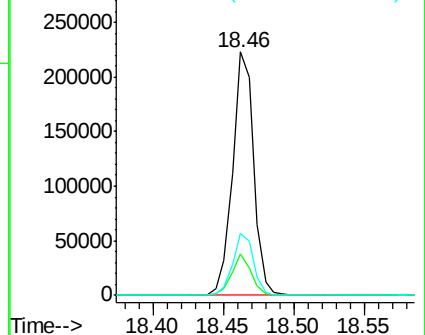
236 25.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.67 ng

RT: 16.79 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

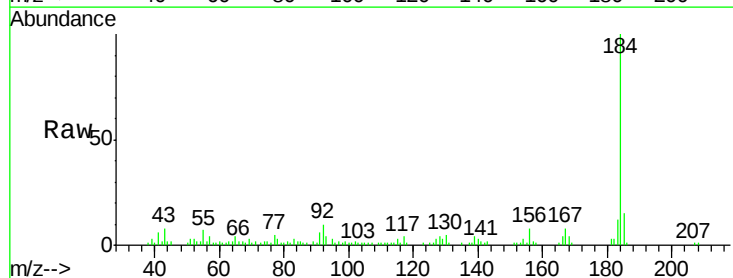
Tgt Ion:184 Resp: 104474

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

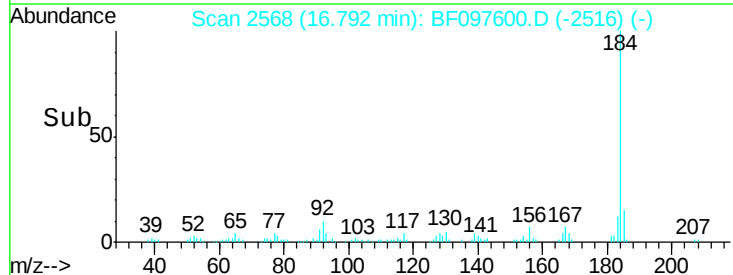
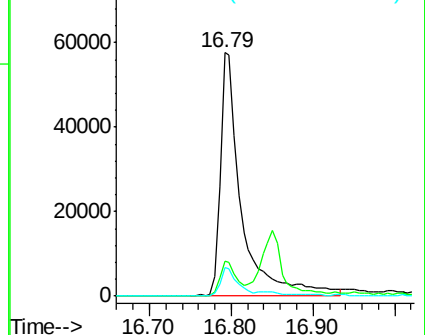
183 11.7 9.8 14.6

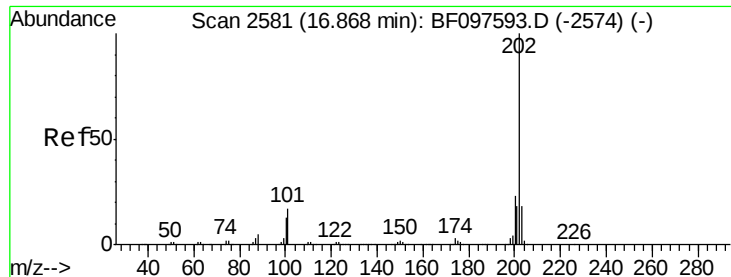


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.51 ng

RT: 16.87 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

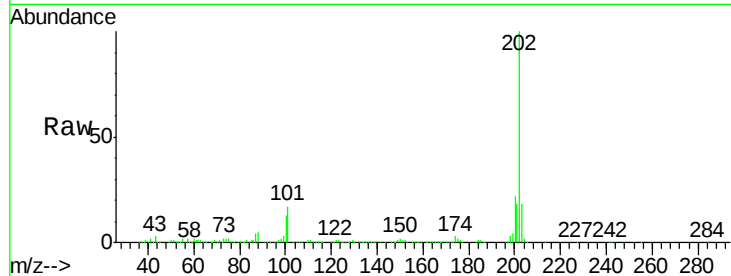
Tot Ion:202 Resp: 719278

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

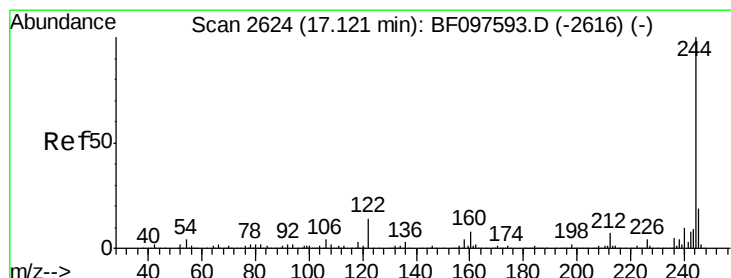
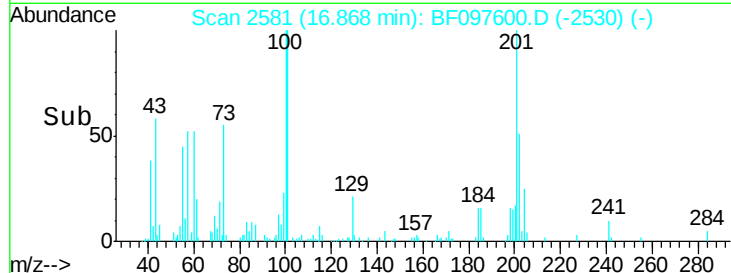
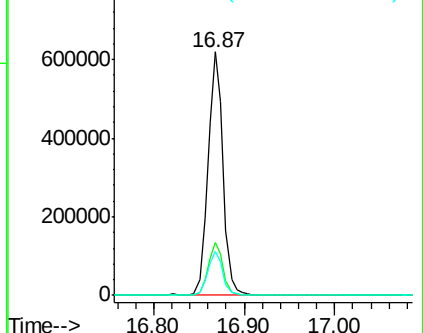
203 17.9 14.4 21.6



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: 69.06 ng

RT: 17.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

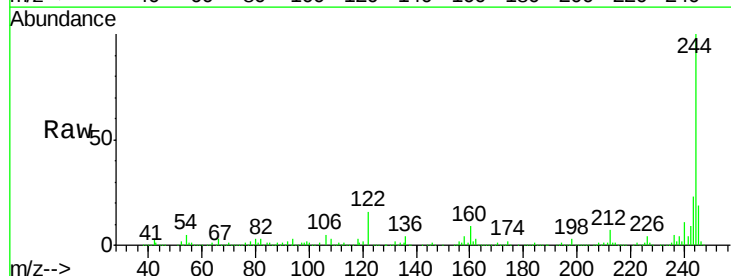
Tgt Ion:244 Resp: 773792

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

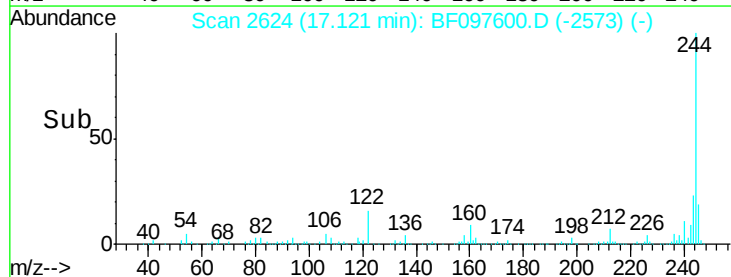
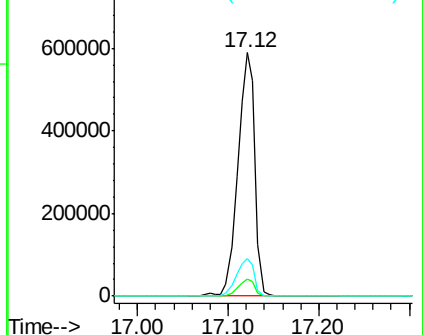
122 15.7 10.3 15.5#

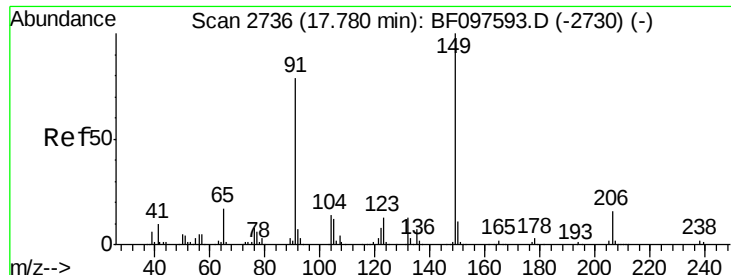


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

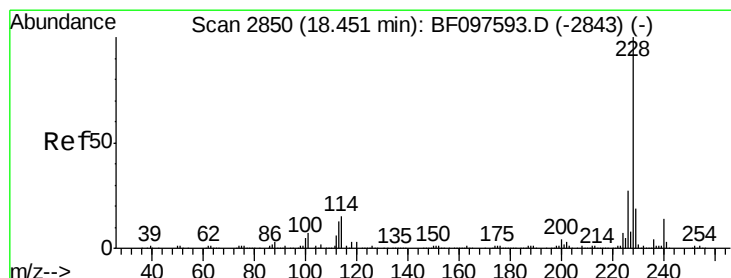
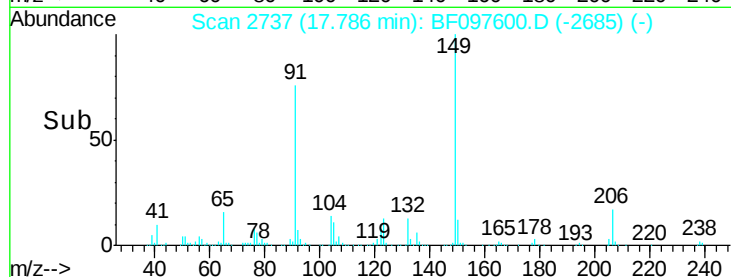
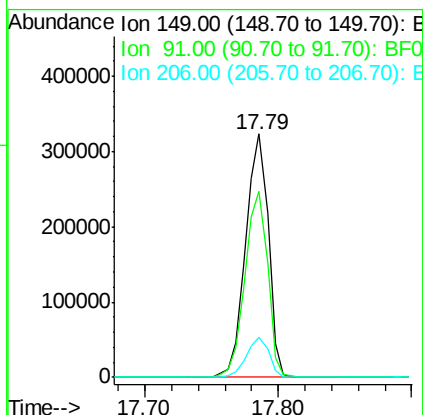
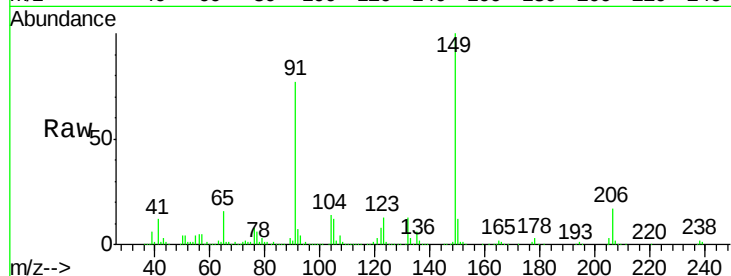




#79
Butylbenzylphthalate
Concen: 47.18 ng
RT: 17.79 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

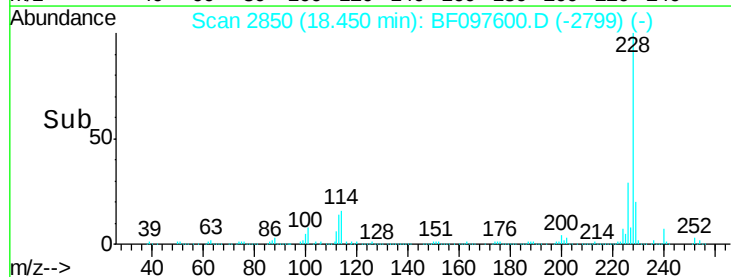
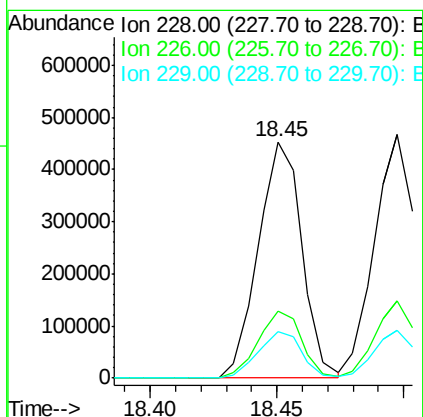
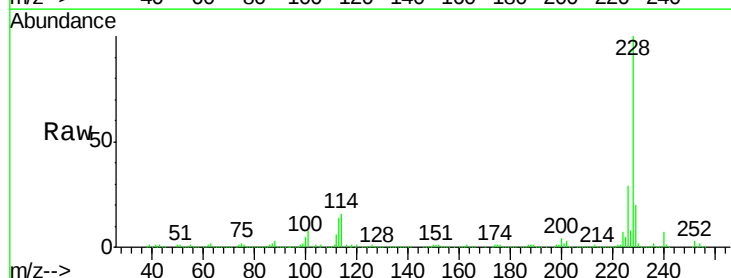
Instrument :
BNA_F
ClientSampleId :
PB101452BS

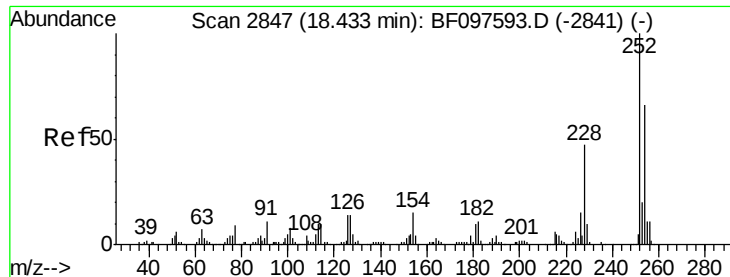
Tot Ion:149 Resp: 378194
Ion Ratio Lower Upper
149 100
91 76.6 45.0 67.4#
206 16.6 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.21 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BF097600.D
Acq: 11 Aug 2017 18:04

Tgt Ion:228 Resp: 544513
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.0 16.3 24.5

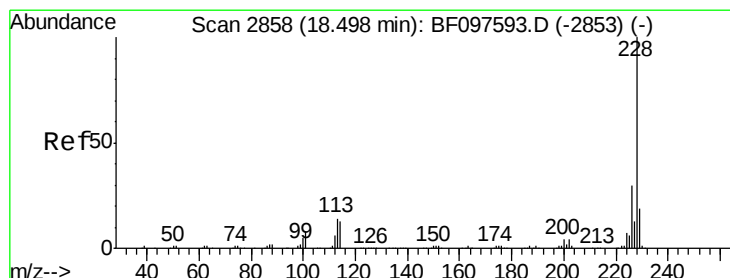
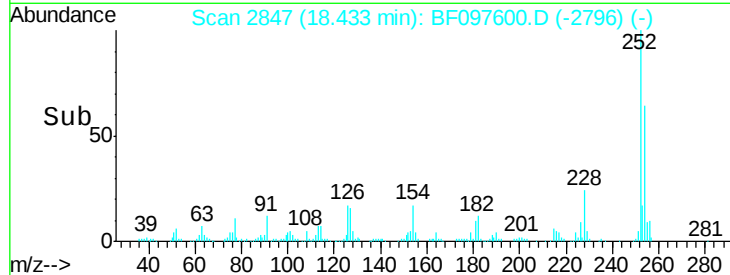
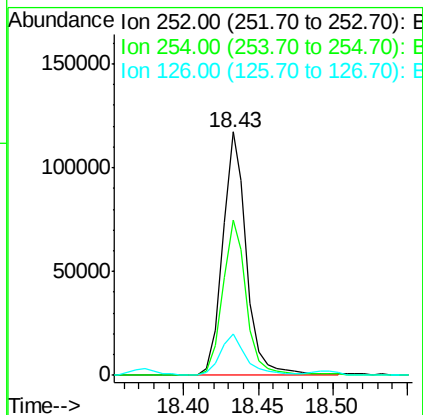
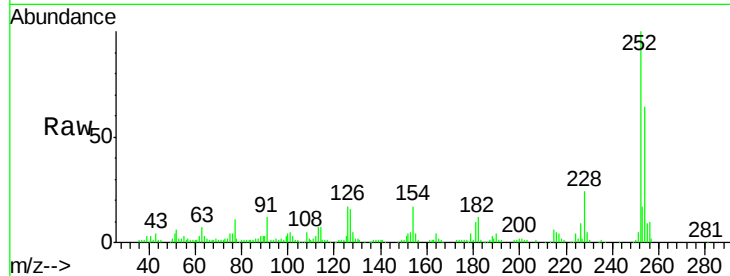




#81
 3,3'-Dichlorobenzidine
 Concen: 28.18 ng
 RT: 18.43 min Scan# 2847
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

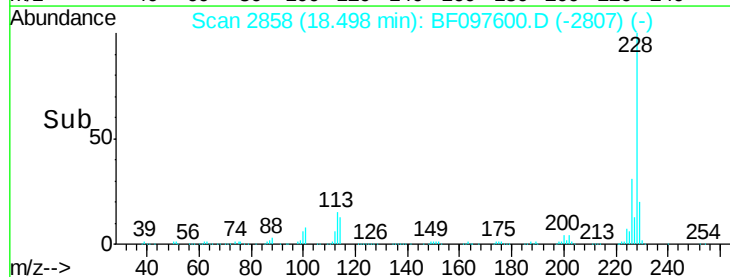
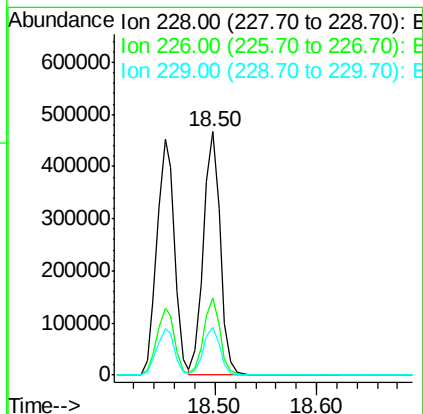
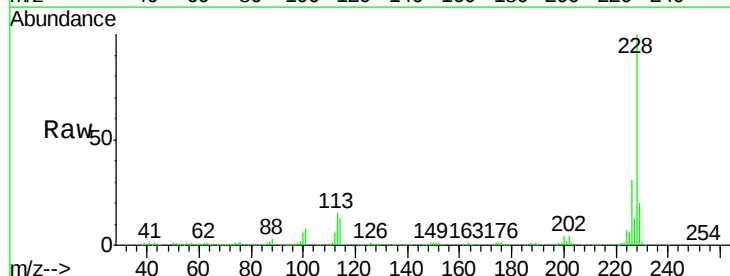
Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

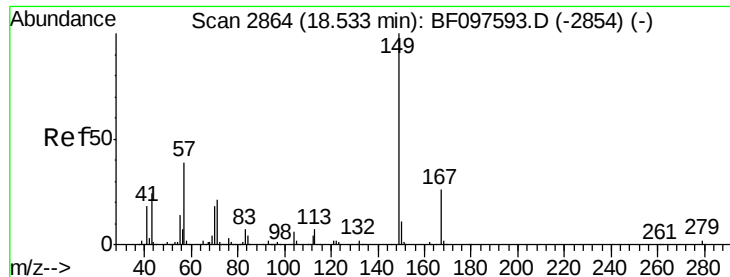
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	16.9	15.8	23.8



#82
 Chrysene
 Concen: 40.06 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.68 ng

RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

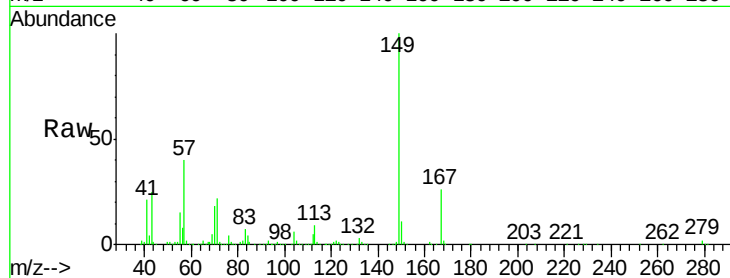
Tot Ion:149 Resp: 623457

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

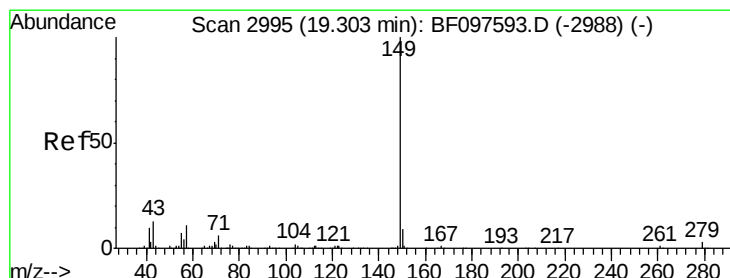
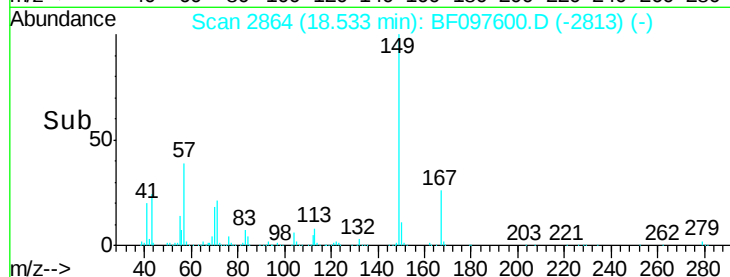
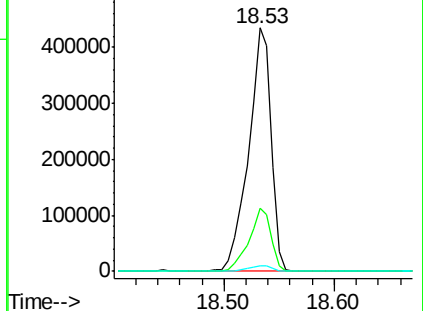
279 2.3 1.9 2.9



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: 41.50 ng

RT: 19.31 min Scan# 2996

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

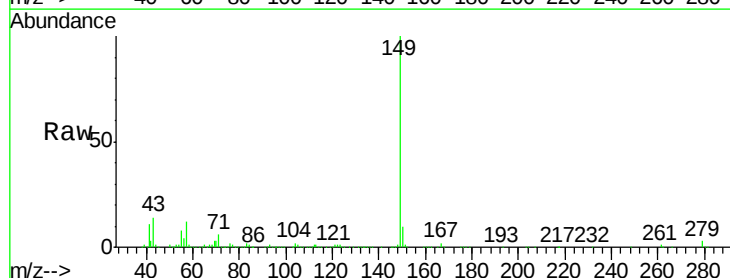
Tgt Ion:149 Resp: 826269

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

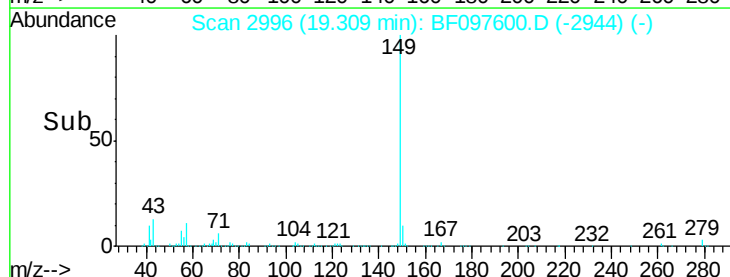
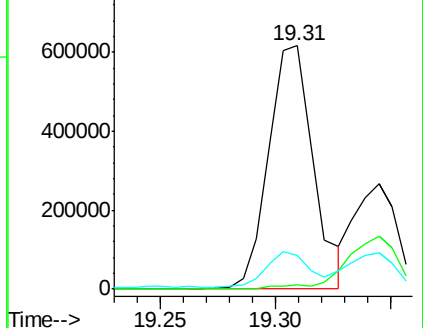
43 14.0 8.5 12.7#

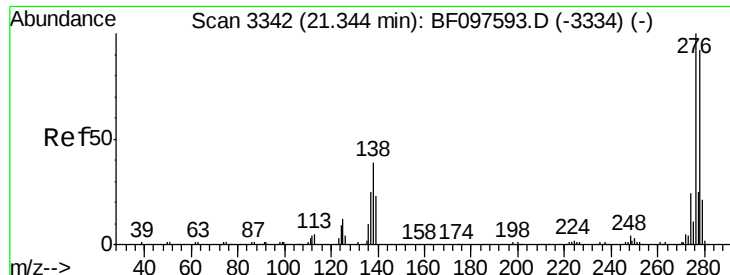


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.98 ng

RT: 21.35 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

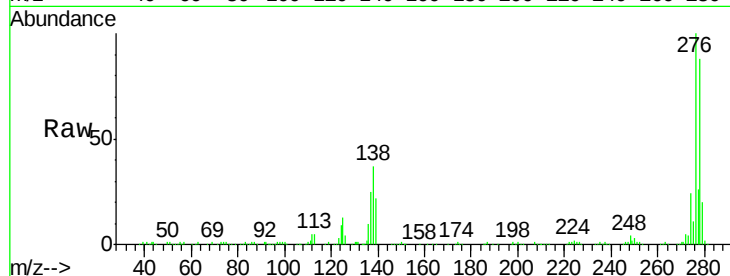
Tot Ion:276 Resp: 429300

Ion Ratio Lower Upper

276 100

138 37.8 27.8 41.6

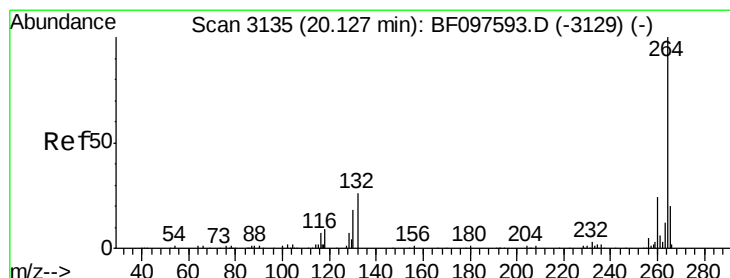
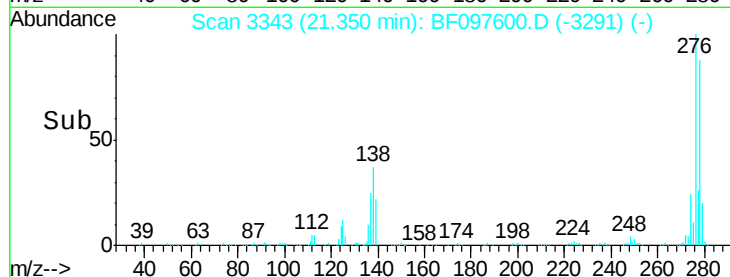
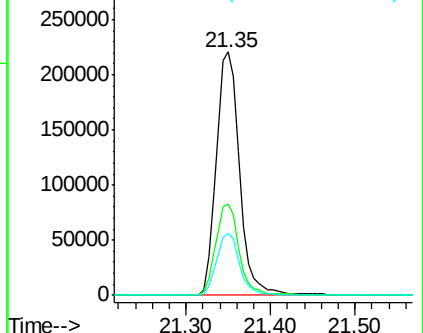
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.13 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

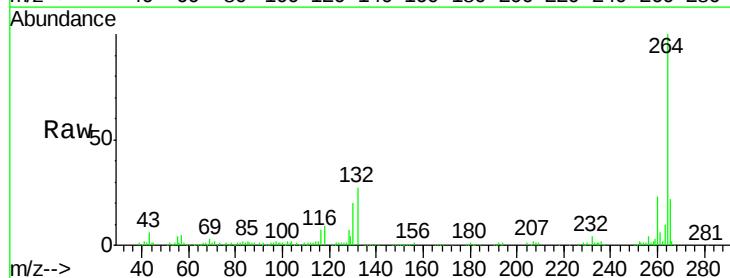
Tgt Ion:264 Resp: 182261

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

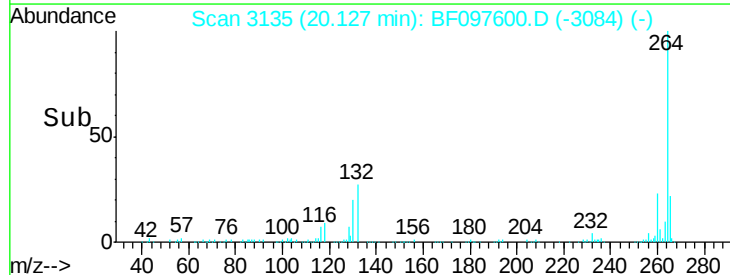
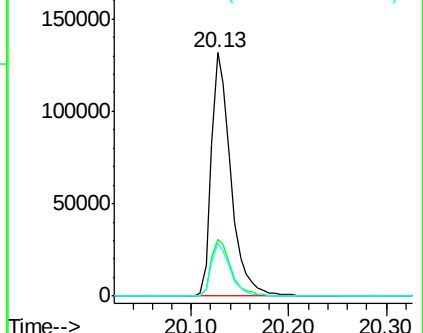
265 21.8 17.2 25.8

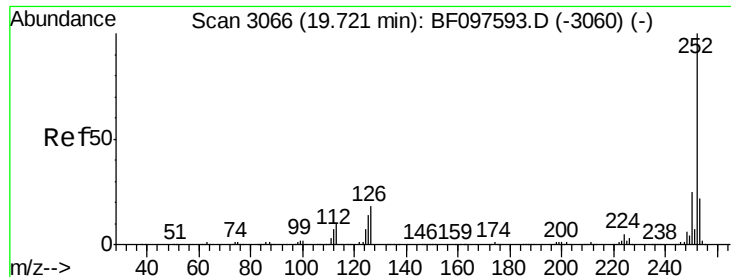


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.66 ng

RT: 19.73 min Scan# 3067

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

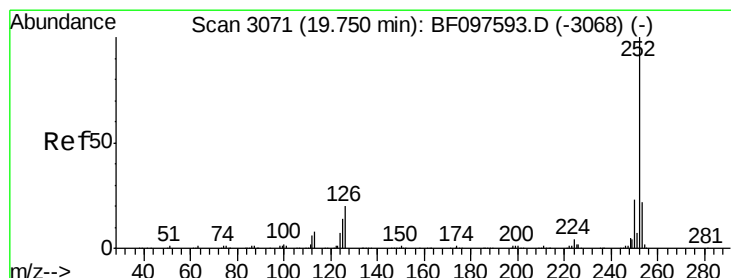
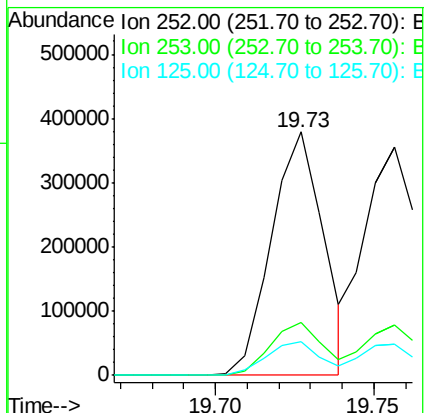
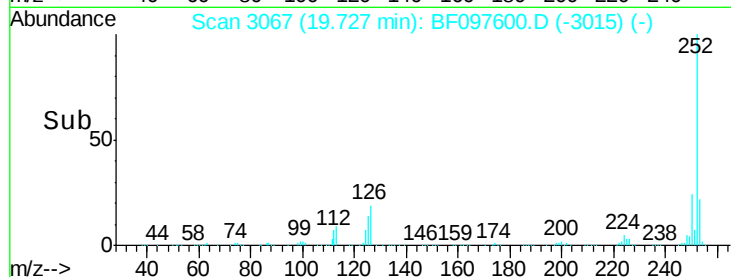
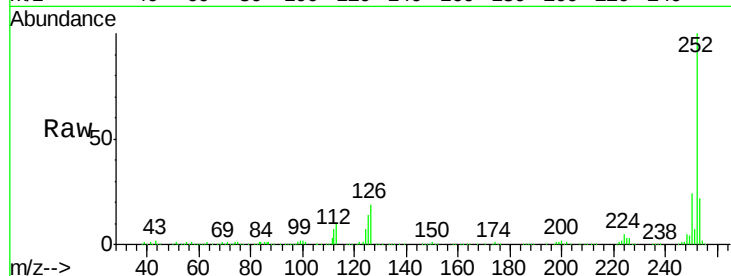
Tot Ion:252 Resp: 434058

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

125 13.9 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 40.51 ng

RT: 19.76 min Scan# 3072

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

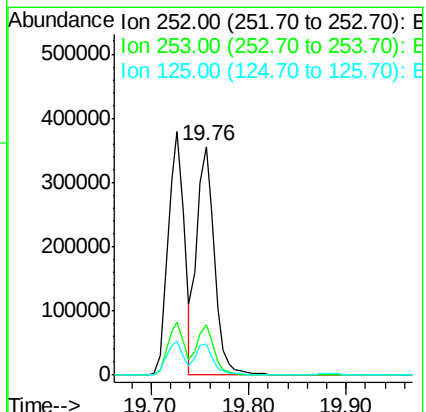
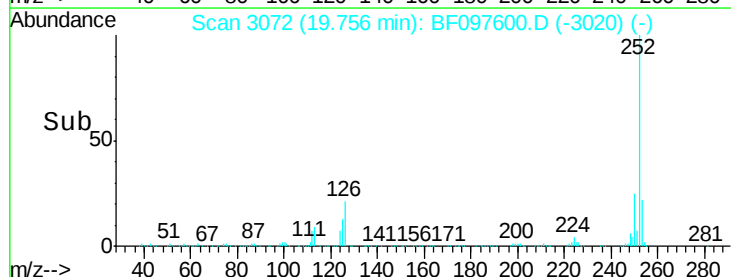
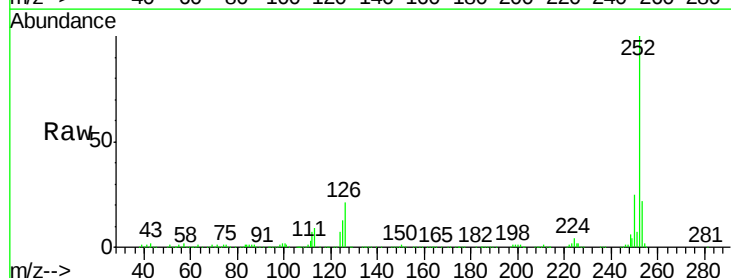
Tgt Ion:252 Resp: 446539

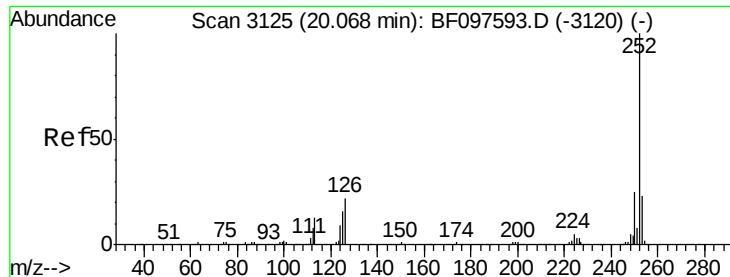
Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 13.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.72 ng

RT: 20.07 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

Instrument :

BNA_F

ClientSampleId :

PB101452BS

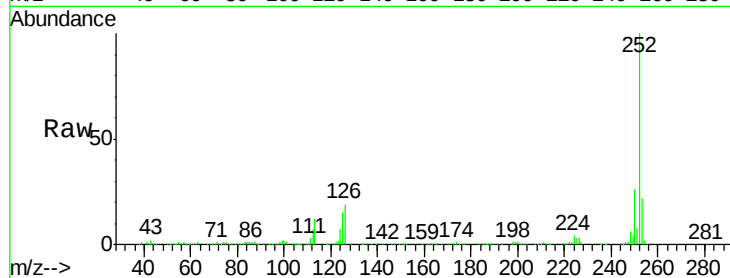
Tot Ion:252 Resp: 419078

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

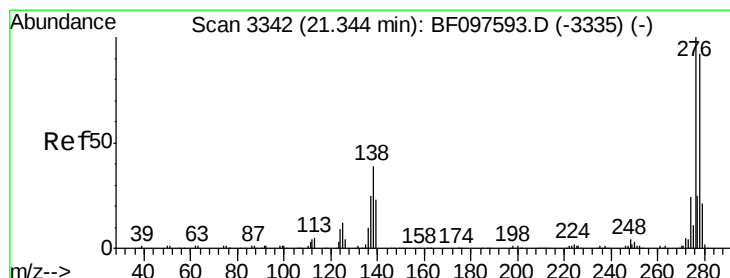
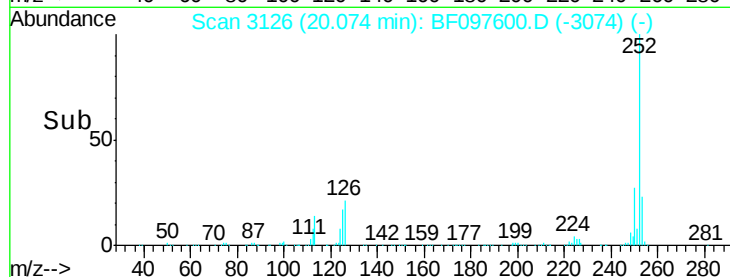
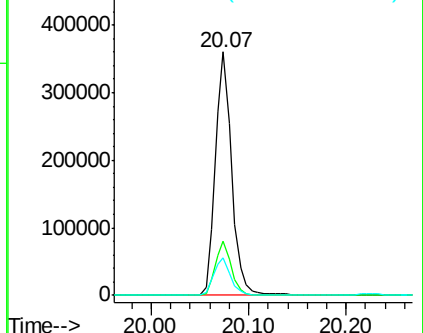
125 15.2 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.95 ng

RT: 21.36 min Scan# 3344

Delta R.T. 0.01 min

Lab File: BF097600.D

Acq: 11 Aug 2017 18:04

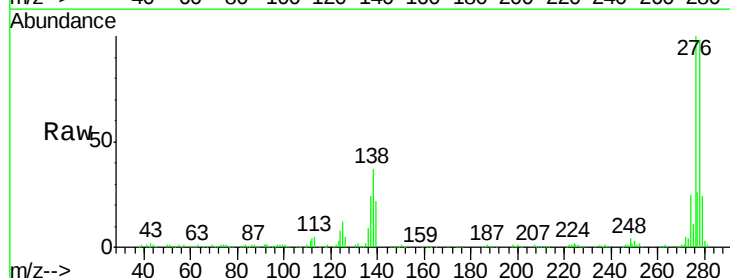
Tgt Ion:278 Resp: 352089

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

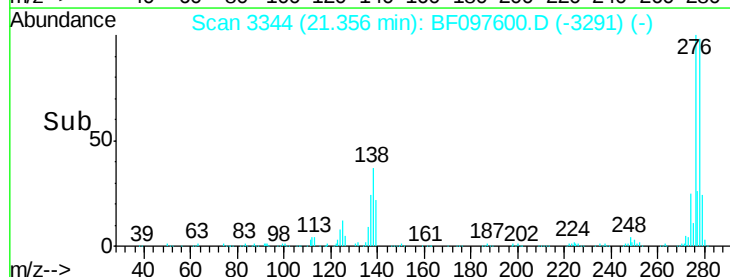
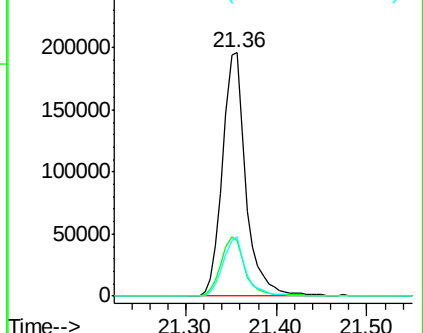
279 24.4 19.3 28.9

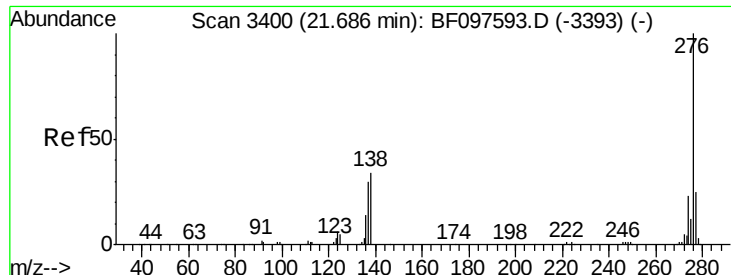


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.43 ng
 RT: 21.70 min Scan# 3402
 Delta R.T. 0.01 min
 Lab File: BF097600.D
 Acq: 11 Aug 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101452BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	34.0	25.4	38.0

