

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026068.D
 Acq On : 3 Mar 2017 17:49
 Operator : SJ/MA
 Sample : PB97313BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

Quant Time: Mar 03 22:55:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117967	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	504359	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	282336	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	657975	20.00	ng	-0.02
75) Chrysene-d12	21.65	240	710556	20.00	ng	-0.03
86) Perylene-d12	24.85	264	673118	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	612229	90.36	ng	-0.01
7) Phenol-d6	7.23	99	781099	77.90	ng	0.00
23) Nitrobenzene-d5	9.22	82	639892	80.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	277866	106.52	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1596541	98.81	ng	-0.02
78) Terphenyl-d14	20.00	244	2146919	73.49	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	98346	31.76	ng	# 75
3) Pyridine	3.93	79	271840	29.46	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	96016	28.93	ng	# 6
6) Aniline	7.39	93	250356	17.96	ng	# 89
8) 2-Chlorophenol	7.64	128	316486	39.30	ng	# 83
9) Benzaldehyde	7.20	77	65448	11.02	ng	# 70
10) Phenol	7.25	94	394481	36.20	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	294238	32.85	ng	# 86
12) 1,3-Dichlorobenzene	7.96	146	342312	36.77	ng	# 88
13) 1,4-Dichlorobenzene	7.96	146	342312	36.30	ng	# 93
14) 1,2-Dichlorobenzene	8.43	146	328813	35.52	ng	# 90
15) Benzyl Alcohol	8.30	79	255707	34.83	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.60	45	332632	25.59	ng	# 84
17) 2-Methylphenol	8.50	107	271527	34.59	ng	# 81
18) Hexachloroethane	9.16	117	116207	37.18	ng	# 93
19) n-Nitroso-di-n-propylamine	8.87	70	223484	30.52	ng	# 75
20) 3+4-Methylphenols	8.83	107	369828	33.07	ng	# 88
22) Acetophenone	8.88	105	443875	36.68	ng	# 77
24) Nitrobenzene	9.27	77	317730	36.76	ng	# 79
25) Isophorone	9.79	82	618174	35.15	ng	# 90
26) 2-Nitrophenol	9.98	139	168409	41.67	ng	# 70
27) 2,4-Dimethylphenol	10.04	122	299429	39.70	ng	# 87
28) bis(2-Chloroethoxy)methane	10.27	93	391803	35.15	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	299285	41.57	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	308795	39.44	ng	# 98
31) Naphthalene	10.92	128	947832	36.35	ng	# 99
32) Benzoic acid	10.15	122	181162	31.46	ng	# 68
33) 4-Chloroaniline	11.02	127	128319	11.33	ng	# 82
34) Hexachlorobutadiene	11.21	225	175222	39.33	ng	# 96
35) Caprolactam	11.77	113	112537	38.71	ng	# 60
36) 4-Chloro-3-methylphenol	12.13	107	311098	36.12	ng	# 81
37) 2-Methylnaphthalene	12.51	142	709848	35.74	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	318361	44.99	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	389752	100.65	ng	# 95

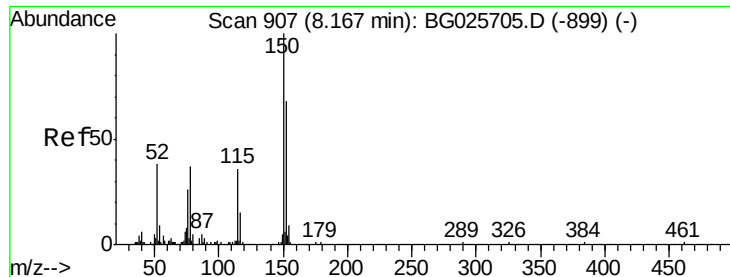
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	230442	50.42	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	240214	46.30	ng	94
45) 1,1'-Biphenyl	13.51	154	904412	44.20	ng	96
46) 2-Chloronaphthalene	13.55	162	657357	44.44	ng	98
47) 2-Nitroaniline	13.75	65	191780	40.88	ng	# 65
48) Acenaphthylene	14.40	152	1103690	41.91	ng	98
49) Dimethylphthalate	14.12	163	854910	44.14	ng	97
50) 2,6-Dinitrotoluene	14.24	165	195198	44.86	ng	# 67
51) Acenaphthene	14.74	154	808074	46.46	ng	97
52) 3-Nitroaniline	14.57	138	113501	23.32	ng	# 70
53) 2,4-Dinitrophenol	14.77	184	208575	91.61	ng	# 84
54) Dibenzofuran	15.07	168	1042852	44.97	ng	90
55) 4-Nitrophenol	14.87	139	331974	83.81	ng	# 45
56) 2,4-Dinitrotoluene	15.02	165	278239	47.53	ng	# 73
57) Fluorene	15.71	166	869444	41.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	220852	48.25	ng	93
59) Diethylphthalate	15.48	149	883651	44.11	ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	408238	42.52	ng	90
61) 4-Nitroaniline	15.72	138	208813	41.39	ng	# 54
62) Azobenzene	15.99	77	770433	44.74	ng	84
64) 4,6-Dinitro-2-methylphenol	15.78	198	161924	42.05	ng	89
65) n-Nitrosodiphenylamine	15.92	169	763331	38.25	ng	100
66) 4-Bromophenyl-phenylether	16.59	248	269854	39.13	ng	96
67) Hexachlorobenzene	16.72	284	285465	40.16	ng	94
68) Atrazine	16.86	200	297270	42.09	ng	96
69) Pentachlorophenol	17.06	266	363488	82.91	ng	98
70) Phenanthrene	17.44	178	1375673	38.51	ng	97
71) Anthracene	17.54	178	1418705	38.96	ng	98
72) Carbazole	17.80	167	1311268	35.84	ng	96
73) Di-n-butylphthalate	18.36	149	1649079	45.92	ng	# 94
74) Fluoranthene	19.44	202	1656091	42.11	ng	95
76) Benzidine	19.61	184	452339	20.17	ng	97
77) Pyrene	19.81	202	1674627	37.26	ng	97
79) Butylbenzylphthalate	20.68	149	776250	45.52	ng	87
80) Benzo(a)anthracene	21.63	228	1537059	37.05	ng	97
81) 3,3'-Dichlorobenzidine	21.54	252	316834	21.42	ng	# 99
82) Chrysene	21.70	228	1416911	35.52	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1145949	46.54	ng	99
84) Di-n-octyl phthalate	22.74	149	1974259	48.55	ng	# 83
85) Indeno(1,2,3-cd)pyrene	28.48	276	1611654	34.30	ng	# 88
87) Benzo(b)fluoranthene	23.83	252	1573847	39.04	ng	# 95
88) Benzo(k)fluoranthene	23.90	252	1512664	38.46	ng	# 93
89) Benzo(a)pyrene	24.69	252	1459097	38.22	ng	# 95
90) Dibenzo(a,h)anthracene	28.54	278	1298590	33.86	ng	# 93
91) Benzo(g,h,i)perylene	29.62	276	1395629	36.30	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.02 min

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PB97313BSD

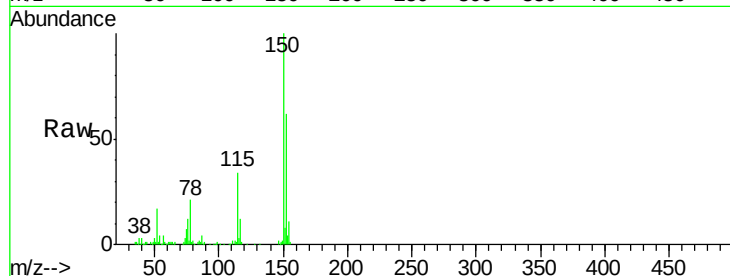
Tgt Ion:152 Resp: 117967

Ion Ratio Lower Upper

152 100

150 162.0 114.0 171.0

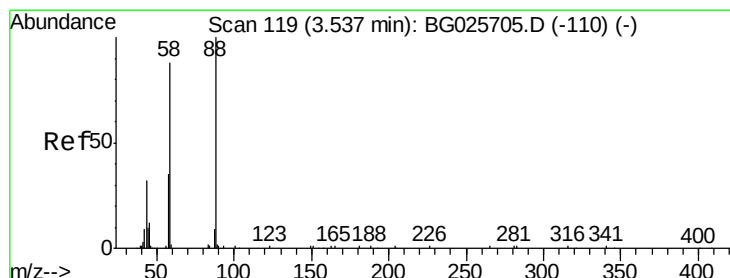
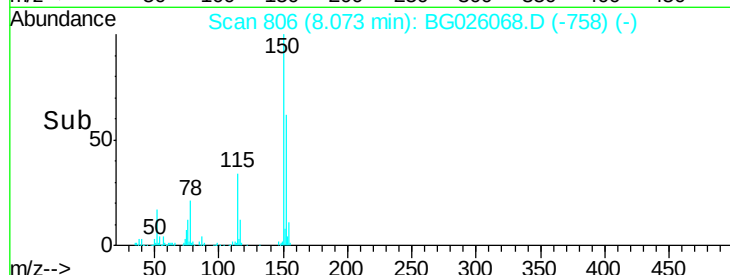
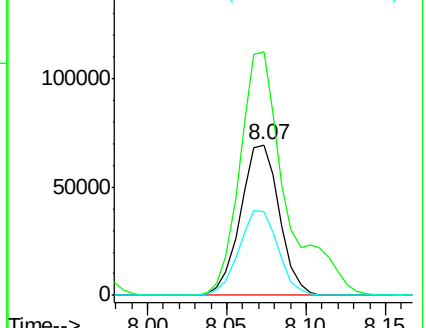
115 55.8 48.1 72.1



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: 31.76 ng

RT: 3.53 min Scan# 33

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

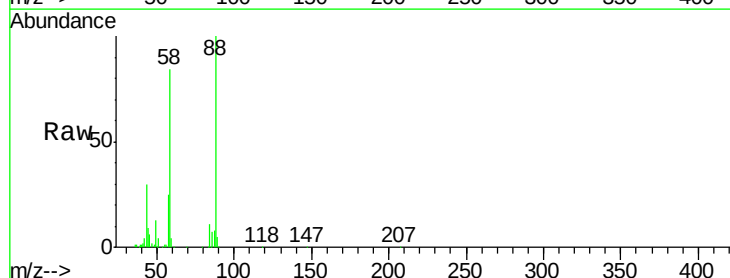
Tgt Ion: 88 Resp: 98346

Ion Ratio Lower Upper

88 100

58 76.7 79.4 119.2#

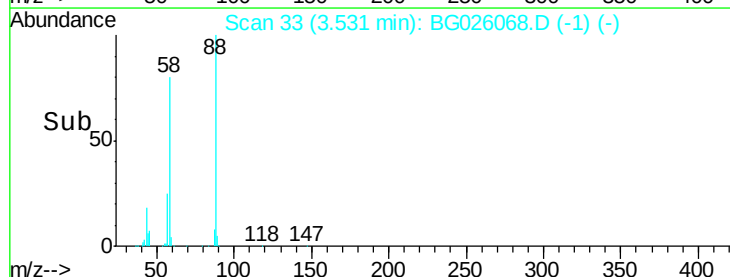
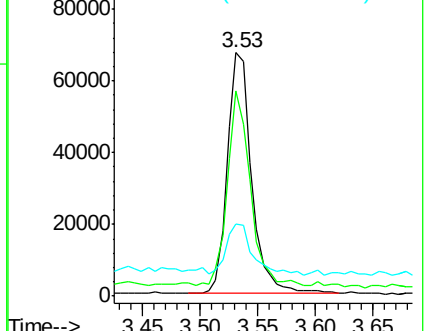
43 23.1 33.8 50.6#

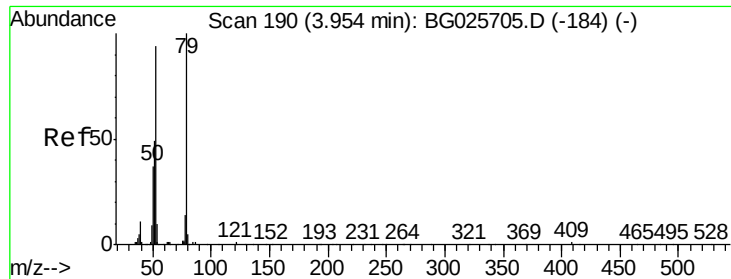


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.46 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

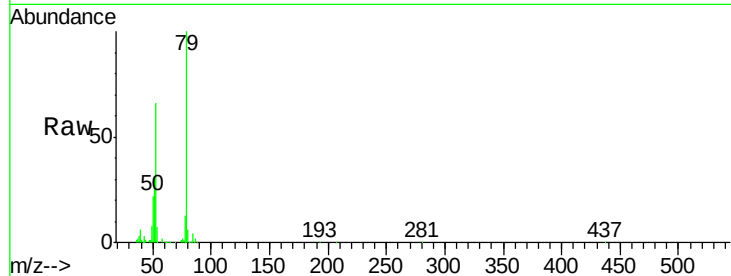
Tgt Ion: 79 Resp: 271840

Ion Ratio Lower Upper

79 100

52 66.3 77.8 116.6#

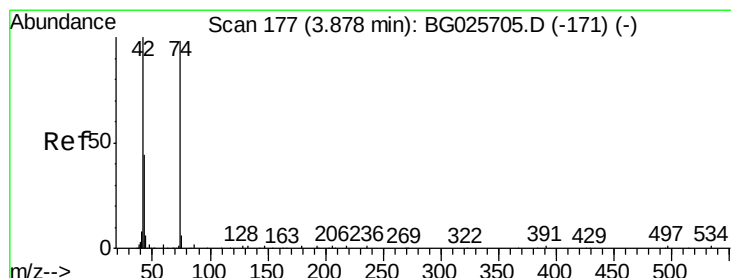
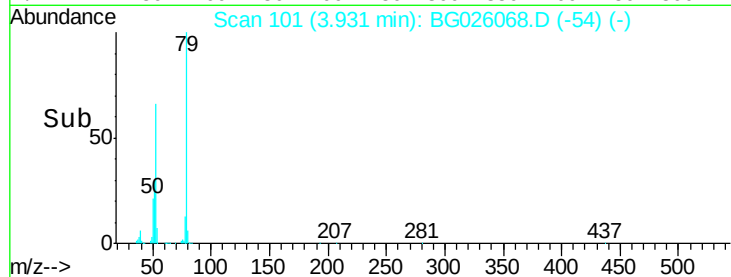
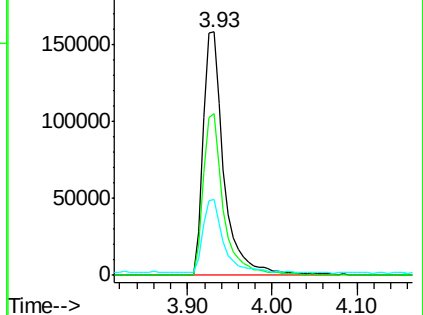
51 31.3 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 28.93 ng

RT: 3.84 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

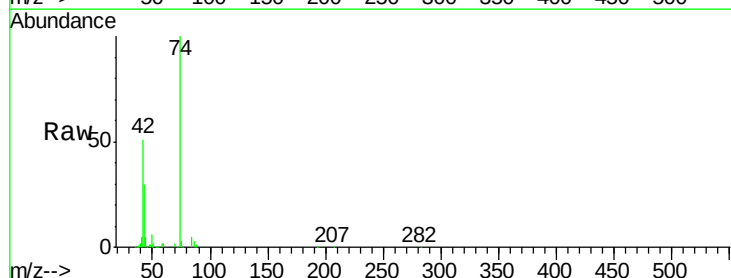
Tgt Ion: 42 Resp: 96016

Ion Ratio Lower Upper

42 100

74 194.3 76.7 115.1#

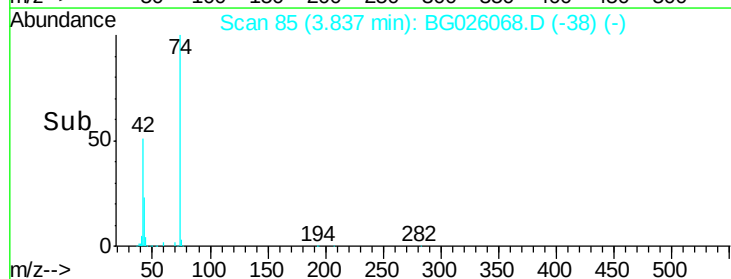
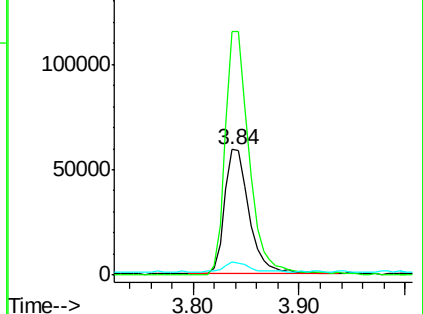
44 10.1 6.1 9.1#

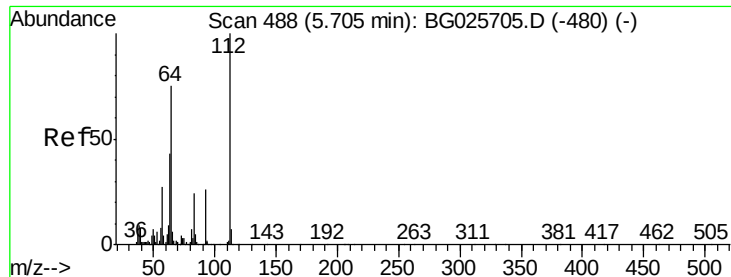


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 90.36 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026068.D

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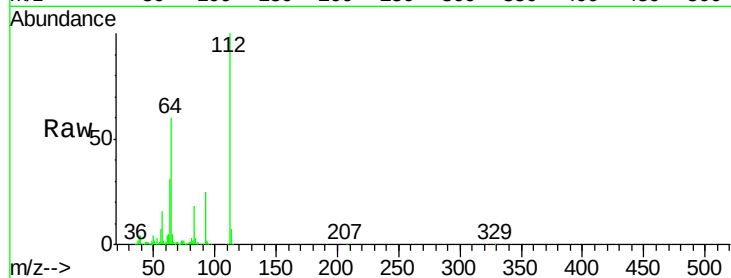
Tgt Ion: 112 Resp: 612229

Ion Ratio Lower Upper

112 100

64 59.9 61.8 92.6#

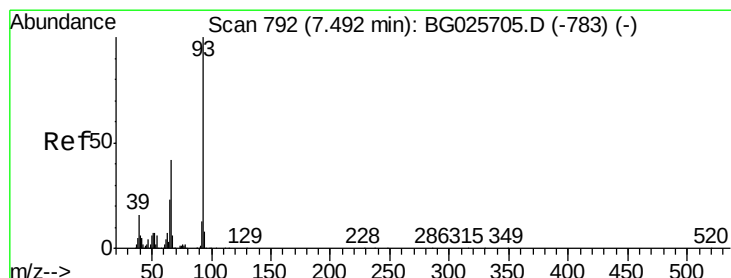
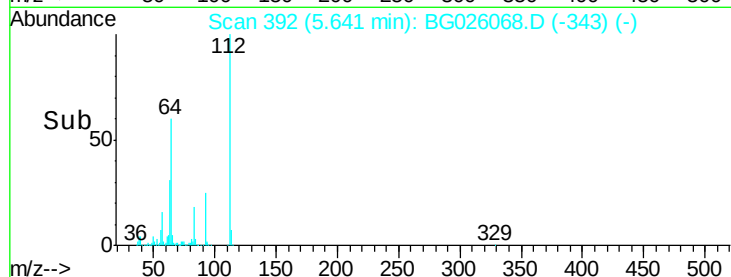
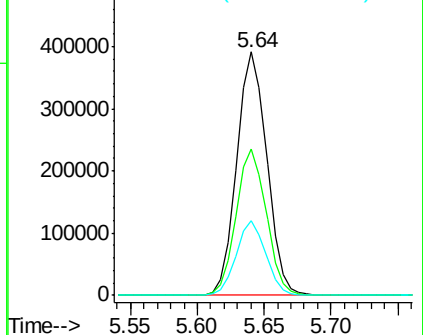
63 30.5 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.96 ng

RT: 7.39 min Scan# 690

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

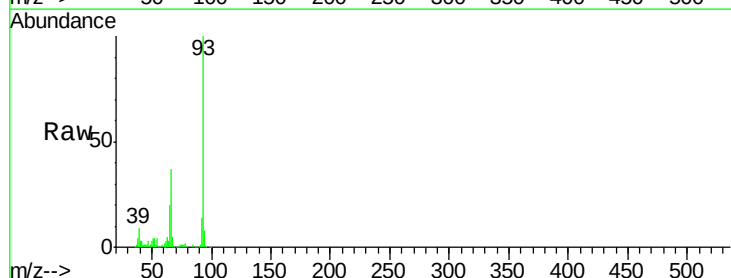
Tgt Ion: 93 Resp: 250356

Ion Ratio Lower Upper

93 100

66 37.4 35.4 53.2

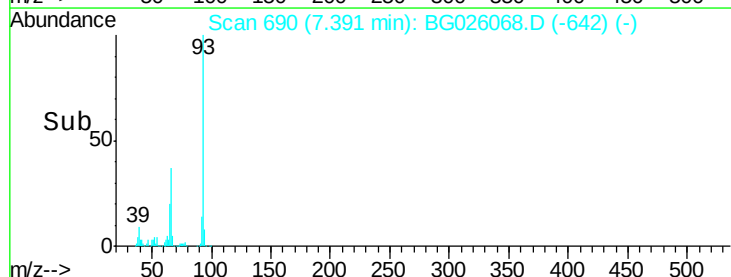
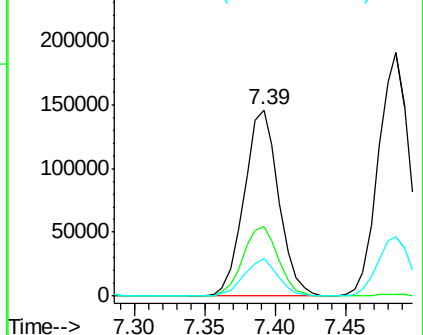
65 20.0 21.2 31.8#

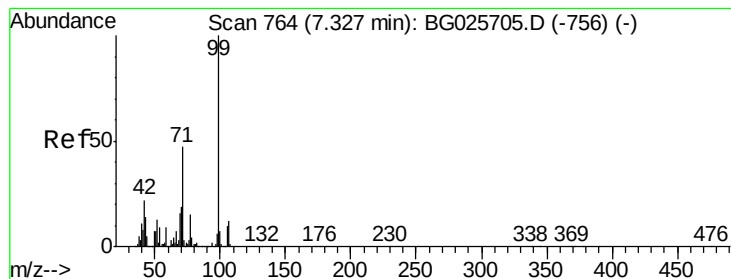


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.90 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

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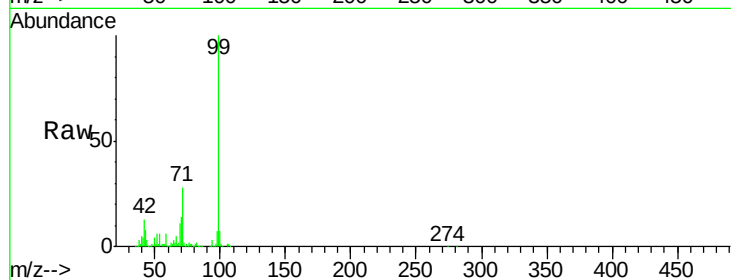
Tgt Ion: 99 Resp: 781099

Ion Ratio Lower Upper

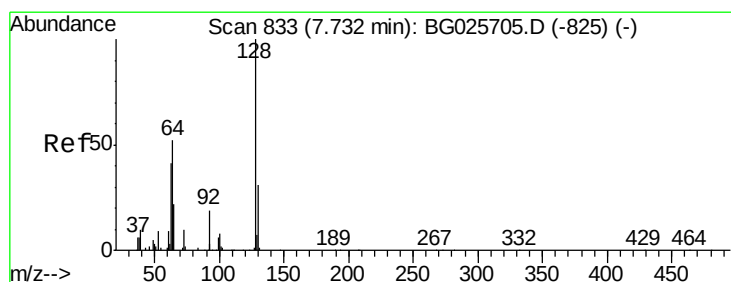
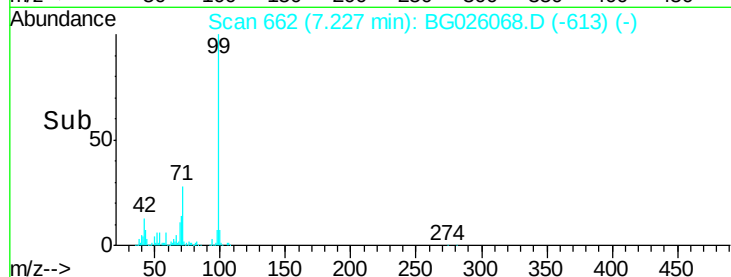
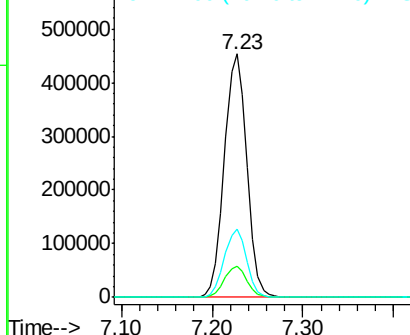
99 100

42 12.5 20.5 30.7#

71 27.9 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.30 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.02 min

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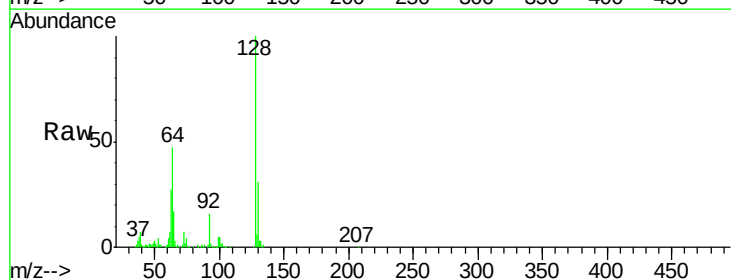
Tgt Ion: 128 Resp: 316486

Ion Ratio Lower Upper

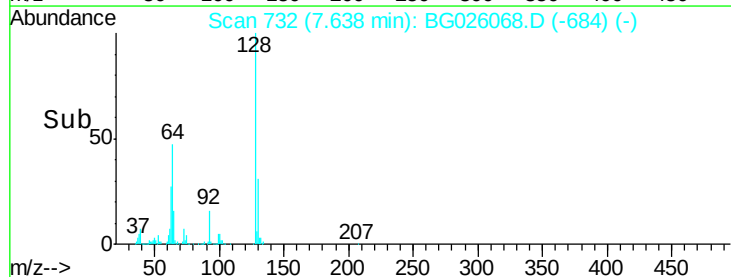
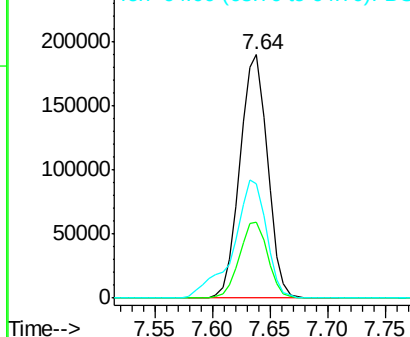
128 100

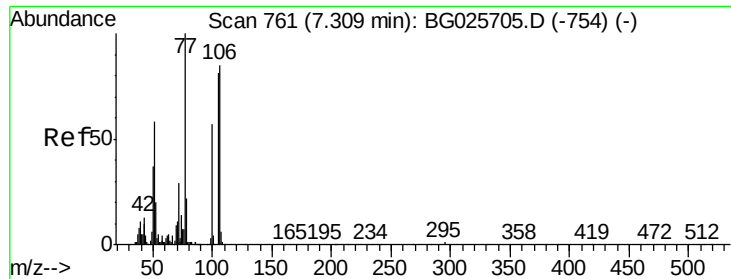
130 31.3 11.4 51.4

64 46.8 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.02 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

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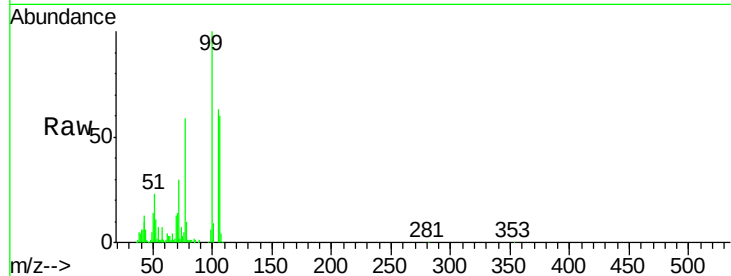
Tgt Ion: 77 Resp: 65448

Ion Ratio Lower Upper

77 100

105 107.3 60.9 100.9#

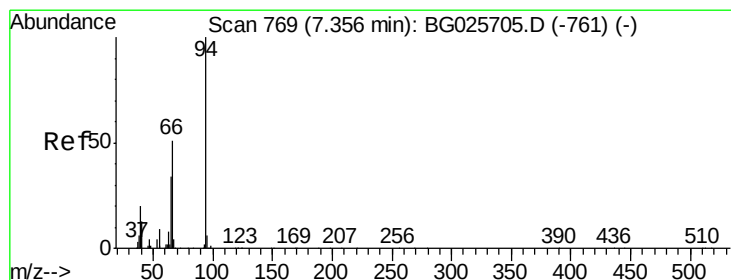
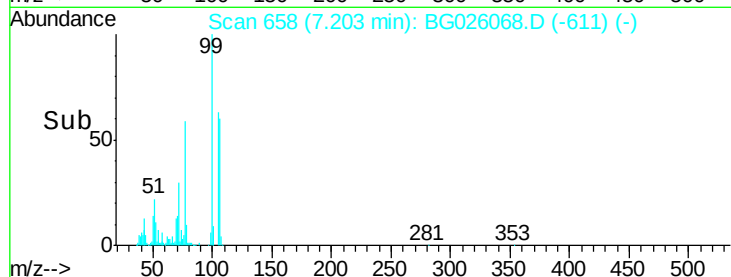
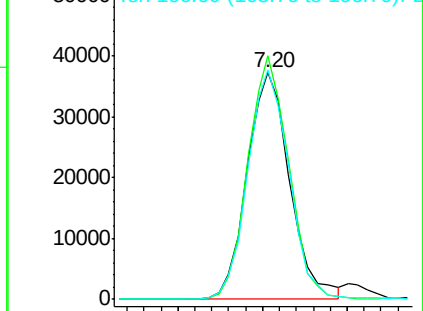
106 101.5 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.20 ng

RT: 7.25 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

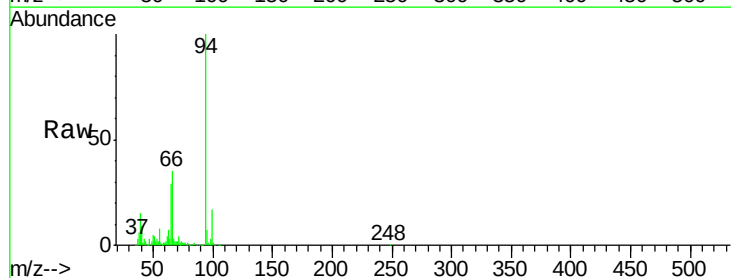
Tgt Ion: 94 Resp: 394481

Ion Ratio Lower Upper

94 100

65 28.8 20.6 60.6

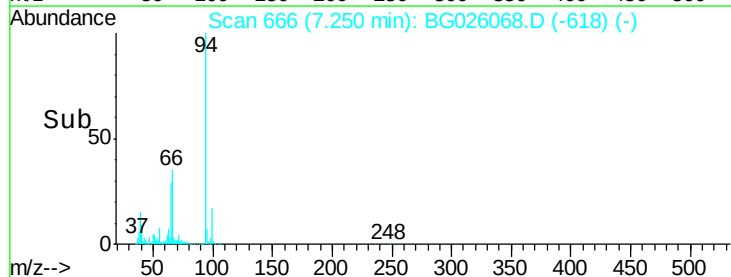
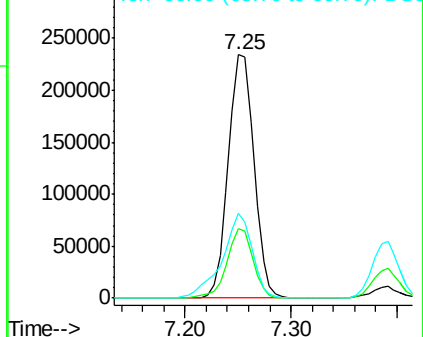
66 34.7 35.5 75.5#

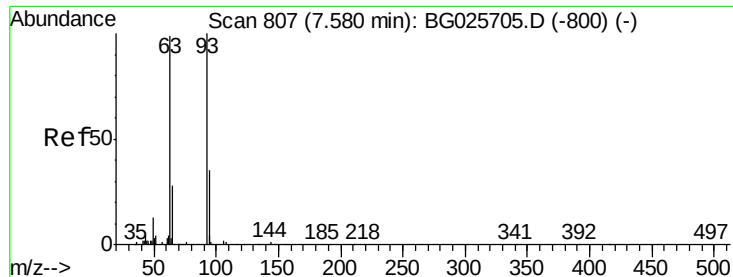


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

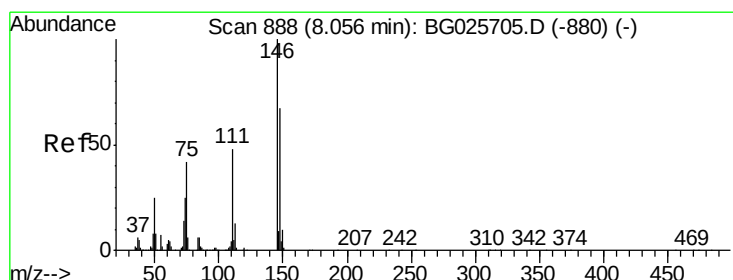
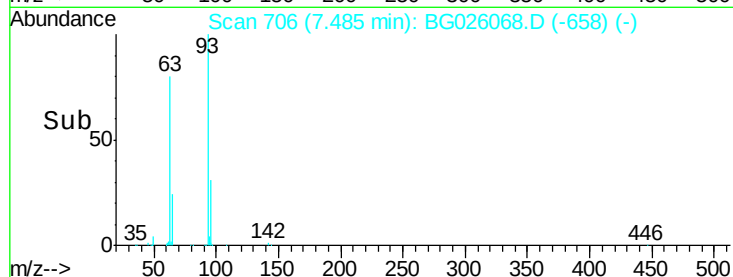
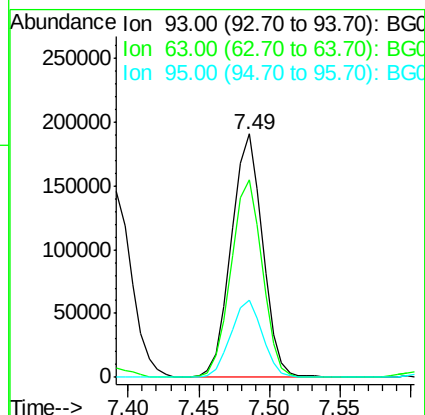
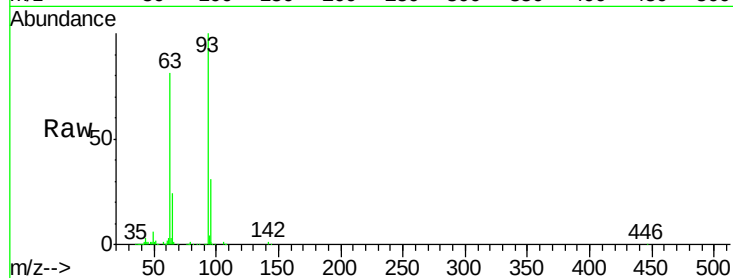




#11
bis(2-Chloroethyl)ether
Concen: 32.85 ng
RT: 7.49 min Scan# 706
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

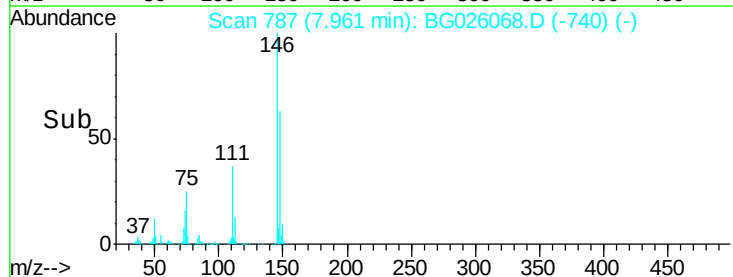
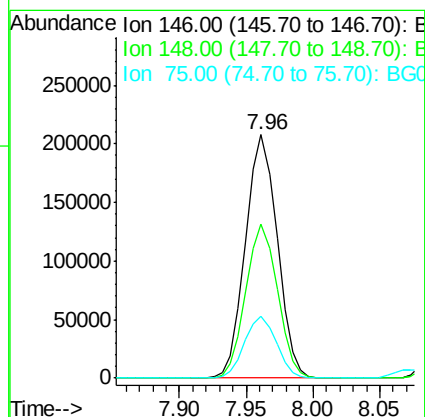
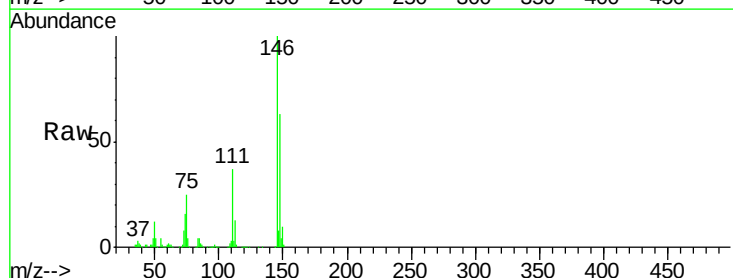
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

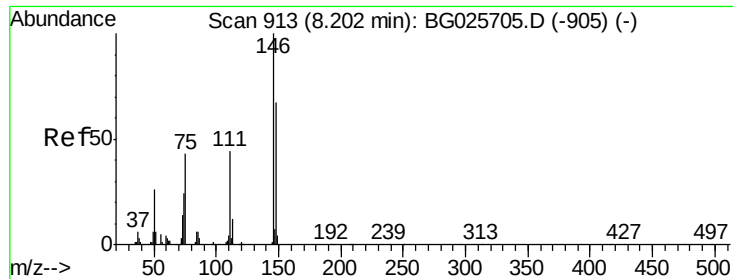
Tgt Ion: 93 Resp: 294238
Ion Ratio Lower Upper
93 100
63 81.3 78.5 118.5
95 31.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 36.77 ng
RT: 7.96 min Scan# 787
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion: 146 Resp: 342312
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
75 25.3 33.4 50.2#

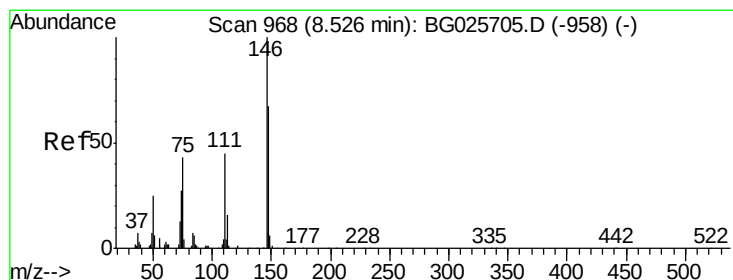
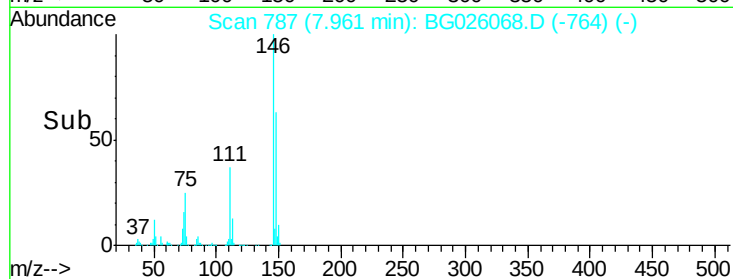
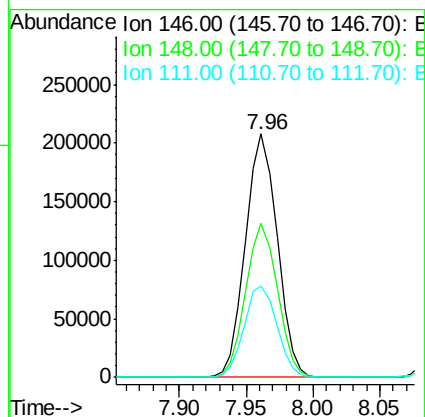
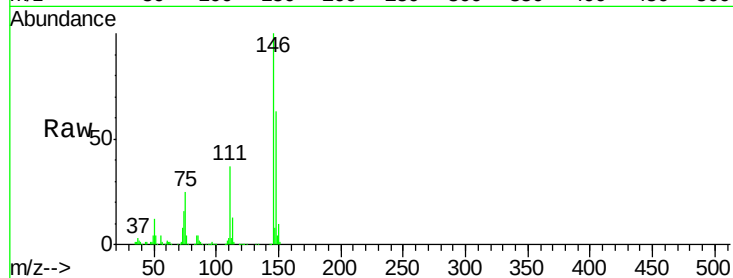




#13
 1,4-Dichlorobenzene
 Concen: 36.30 ng
 RT: 7.96 min Scan# 787
 Delta R.T. -0.16 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

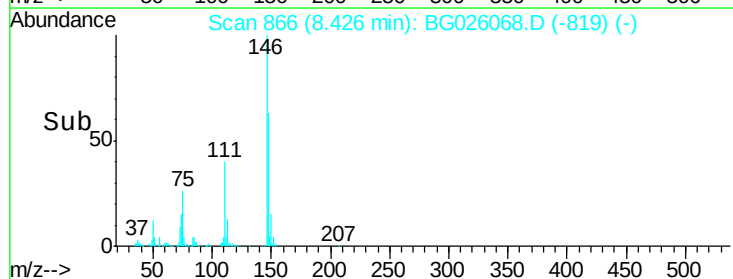
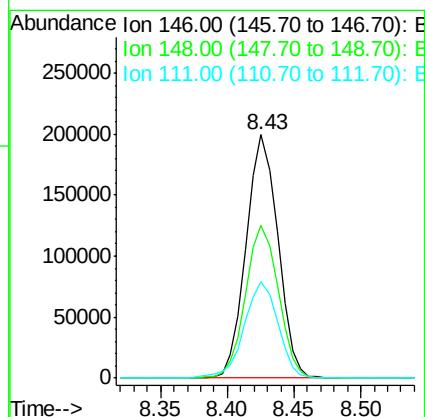
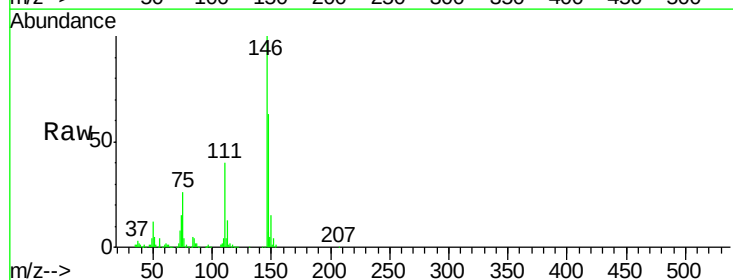
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

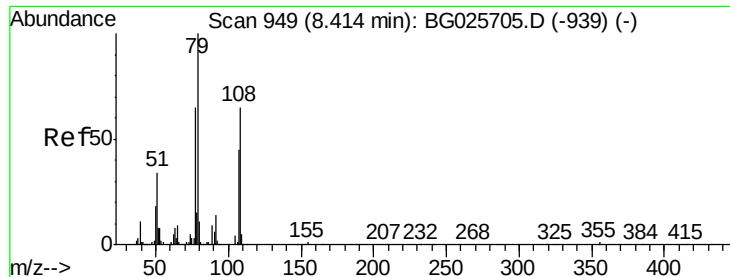
Tgt Ion:146 Resp: 342312
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 37.3 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 35.52 ng
 RT: 8.43 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:146 Resp: 328813
 Ion Ratio Lower Upper
 146 100
 148 62.7 54.6 81.8
 111 39.6 39.7 59.5#





#15

Benzyl Alcohol

Concen: 34.83 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

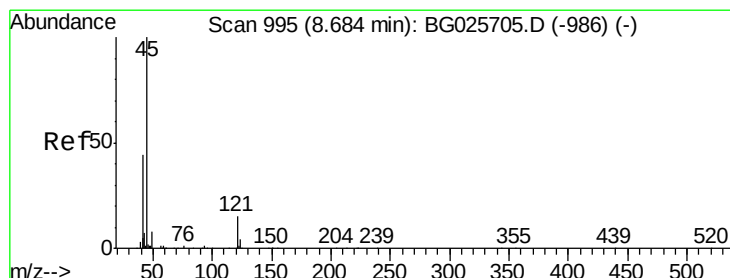
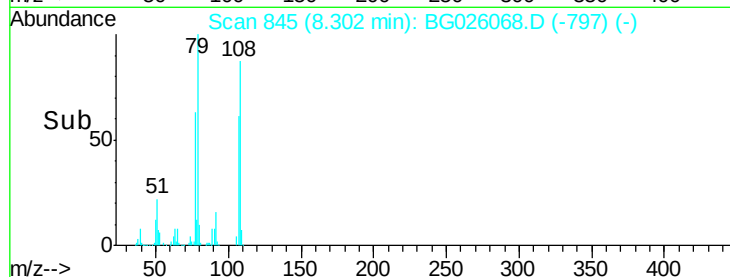
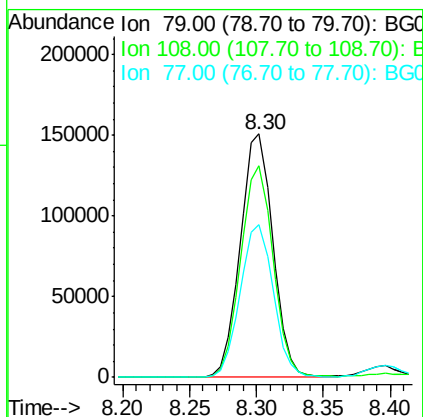
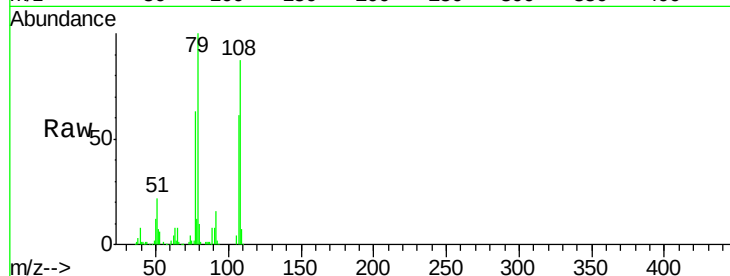
Tgt Ion: 79 Resp: 255707

Ion Ratio Lower Upper

79 100

108 86.8 45.5 68.3#

77 62.8 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.59 ng

RT: 8.60 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

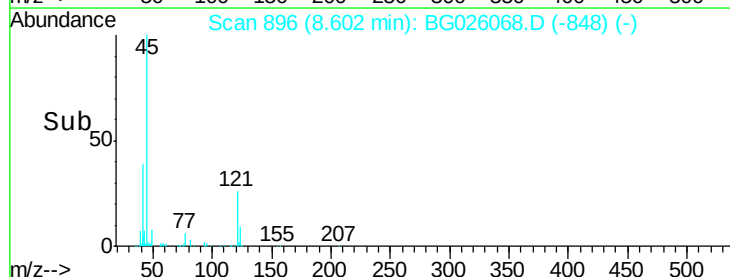
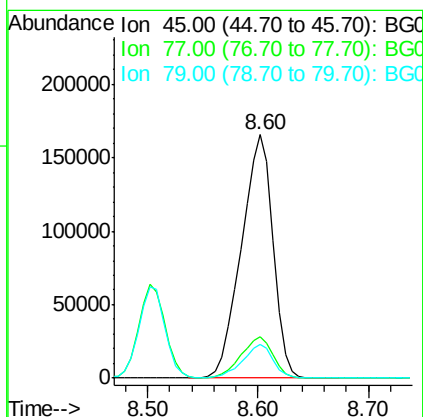
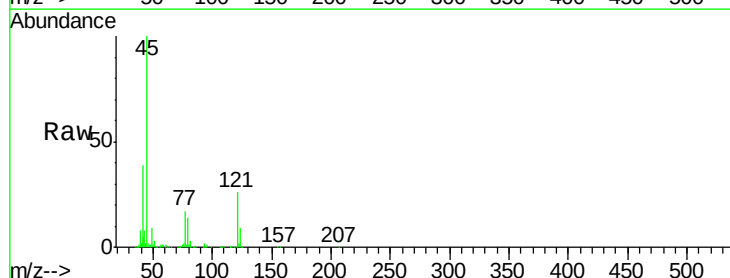
Tgt Ion: 45 Resp: 332632

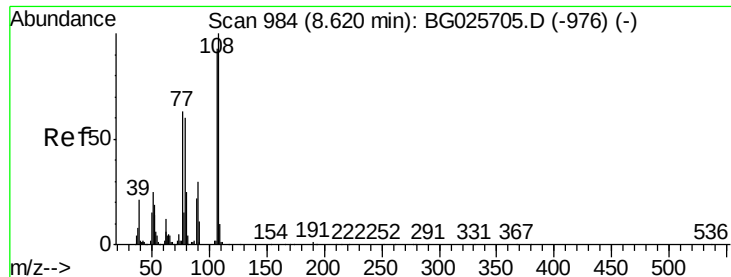
Ion Ratio Lower Upper

45 100

77 16.9 0.0 30.6

79 14.1 0.0 28.5





#17

2-Methylphenol

Concen: 34.59 ng

RT: 8.50 min Scan# 879

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

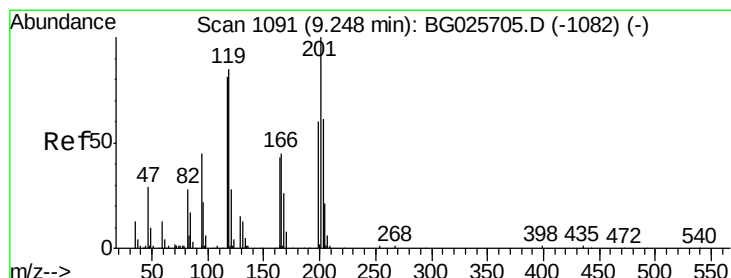
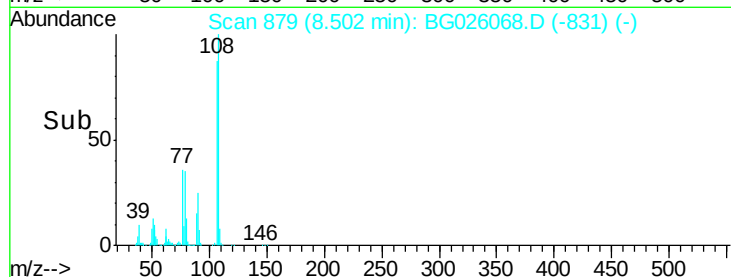
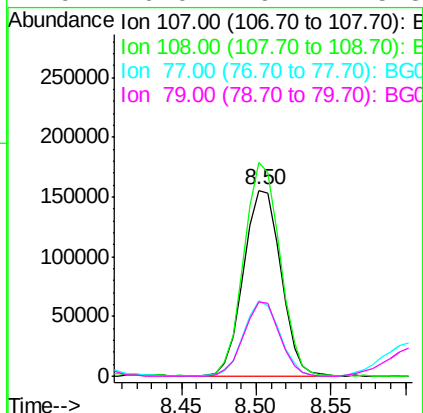
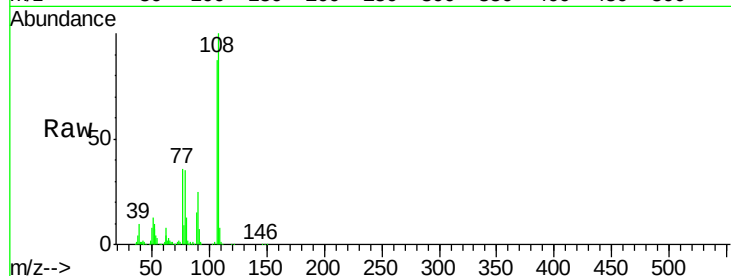
Instrument :

BNA_G

ClientSampleId :

PB97313BSD

Tgt Ion:	107	Resp:	271527
Ion Ratio	Lower	Upper	
107	100		
108	114.9	85.6	128.4
77	41.0	51.4	77.2#
79	40.0	49.2	73.8#



#18

Hexachloroethane

Concen: 37.18 ng

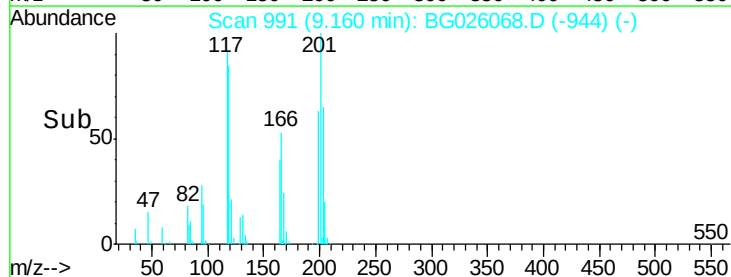
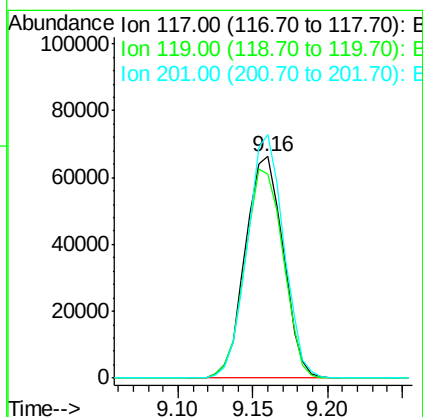
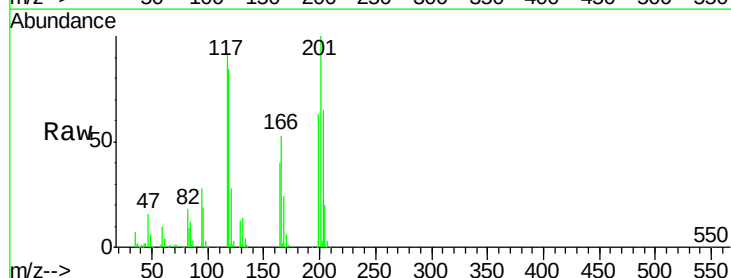
RT: 9.16 min Scan# 991

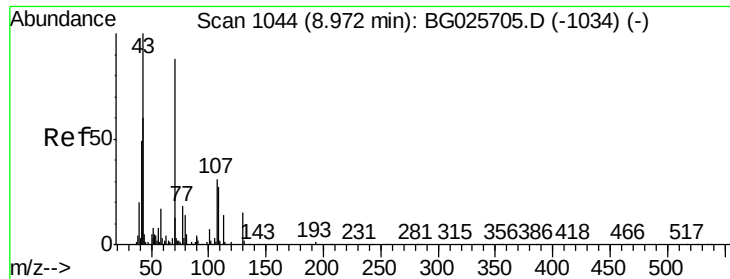
Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Tgt Ion:	117	Resp:	116207
Ion Ratio	Lower	Upper	
117	100		
119	91.9	69.8	104.6
201	110.0	95.4	143.0

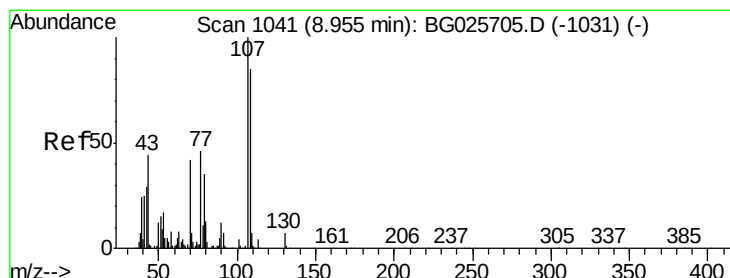
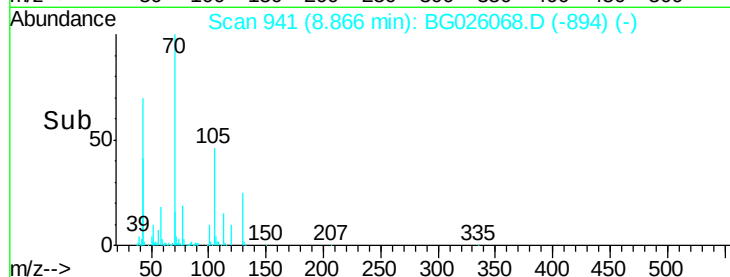
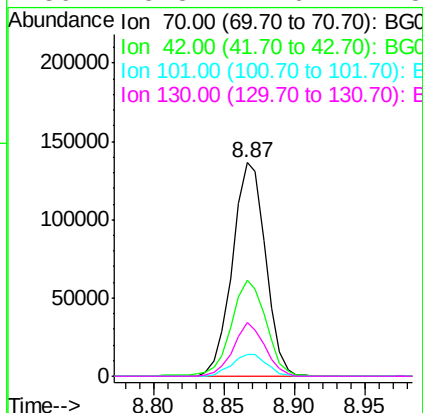
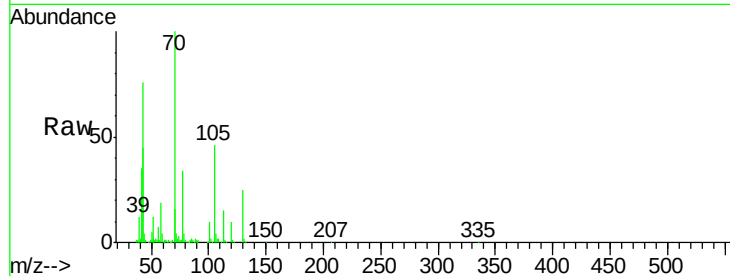




#19
n-Nitroso-di-n-propylamine
Concen: 30.52 ng
RT: 8.87 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

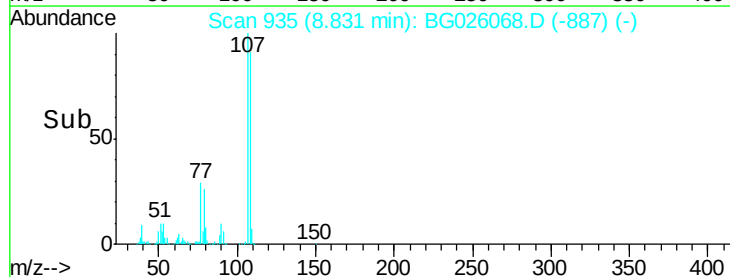
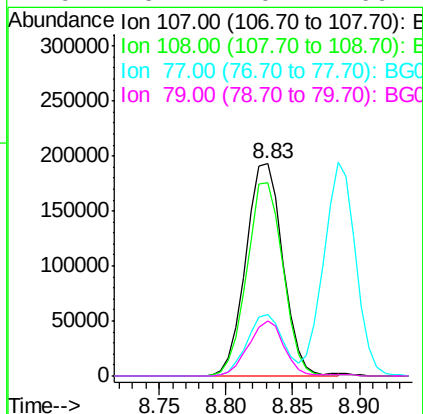
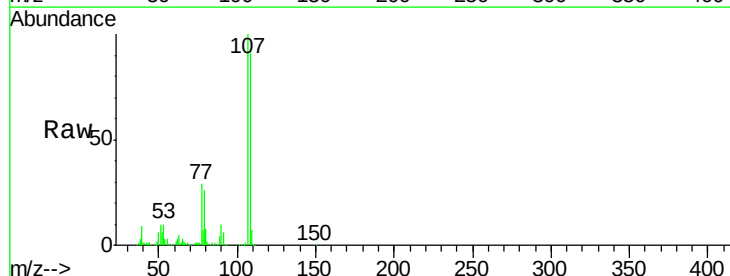
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

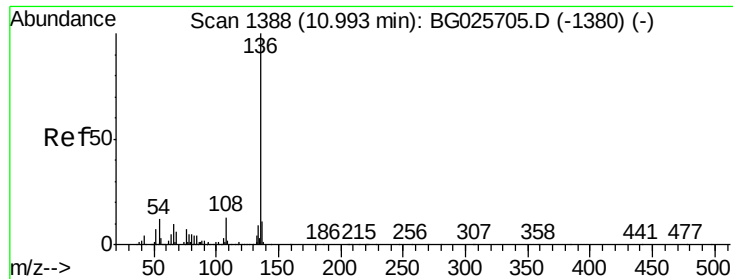
Tgt Ion:	70	Resp:	223484
Ion	Ratio	Lower	Upper
70	100		
42	45.0	56.1	84.1#
101	10.4	7.5	11.3
130	25.3	14.6	21.8#



#20
3+4-Methylphenols
Concen: 33.07 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:	107	Resp:	369828
Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.8	110.8
77	29.0	25.8	65.8
79	25.7	20.1	60.1

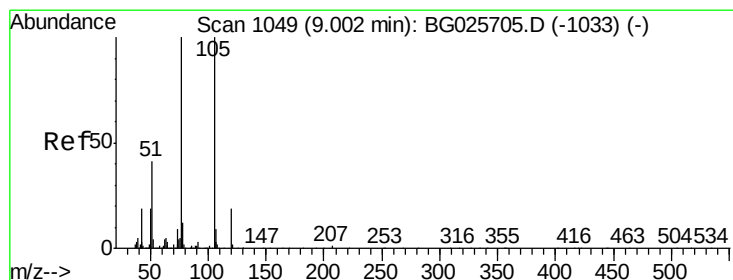
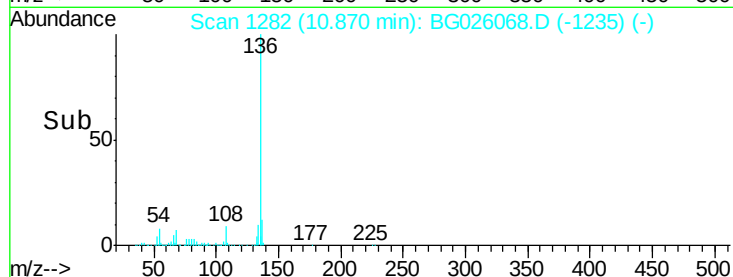
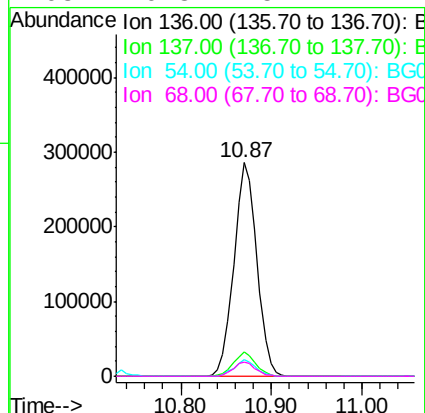
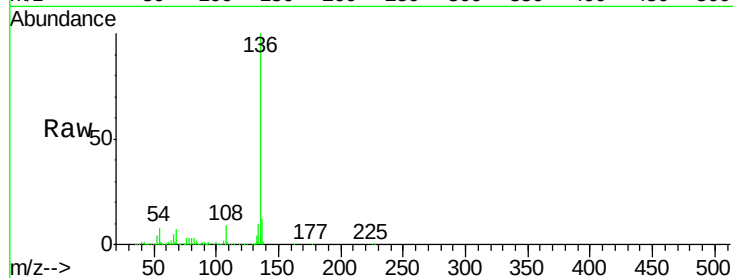




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

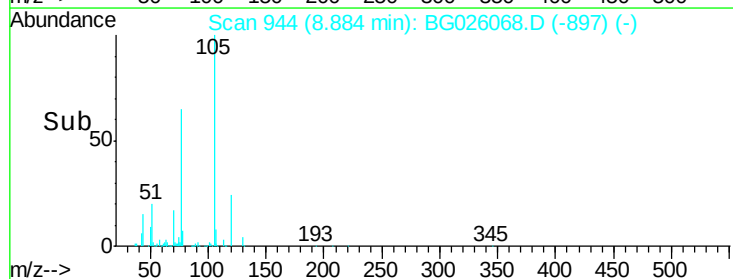
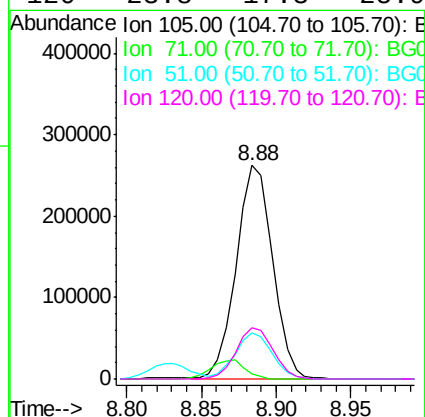
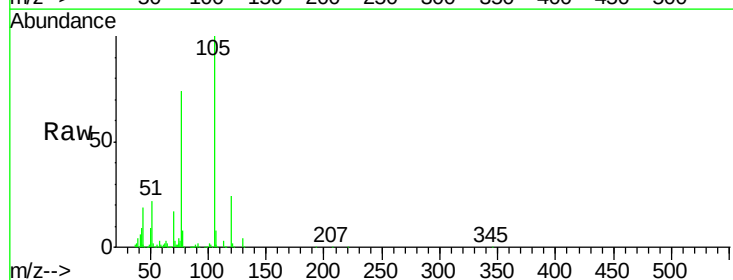
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

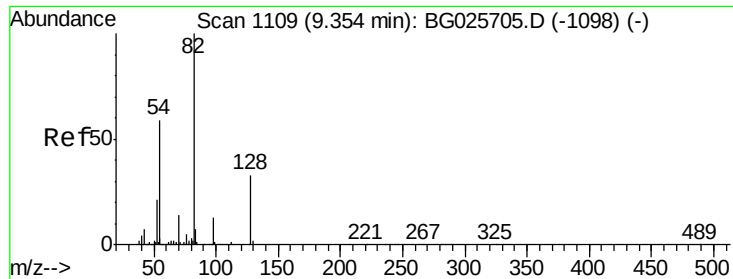
Tgt Ion:	136	Resp:	504359
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.1	9.3	13.9#
68	6.8	5.1	7.7



#22
Acetophenone
Concen: 36.68 ng
RT: 8.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:	105	Resp:	443875
Ion	Ratio	Lower	Upper
105	100		
71	2.6	0.9	1.3#
51	21.5	34.0	51.0#
120	23.8	17.3	25.9

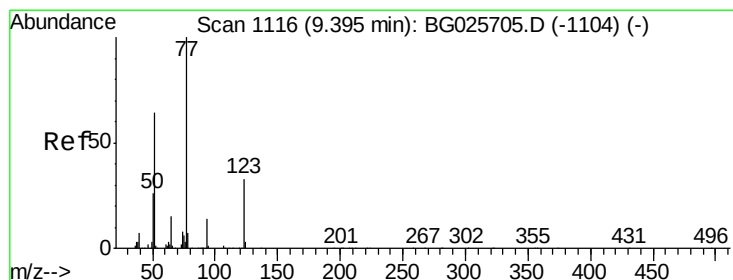
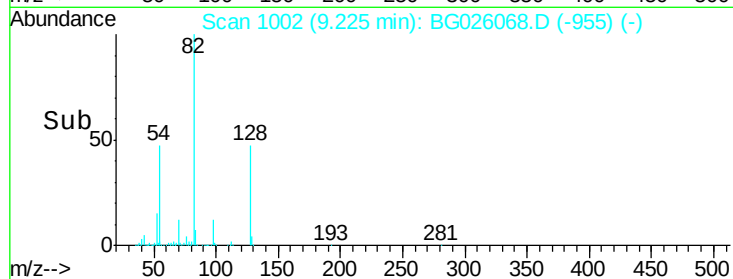
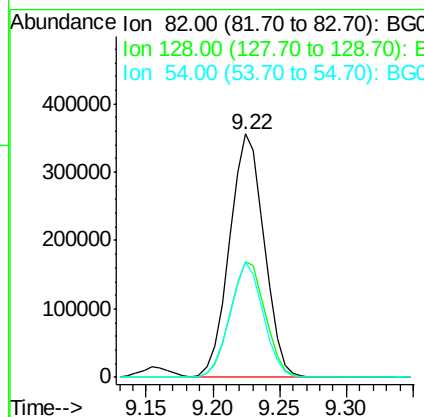
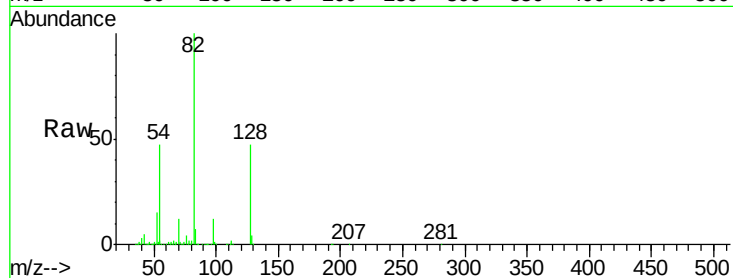




#23
 Nitrobenzene-d5
 Concen: 80.07 ng
 RT: 9.22 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

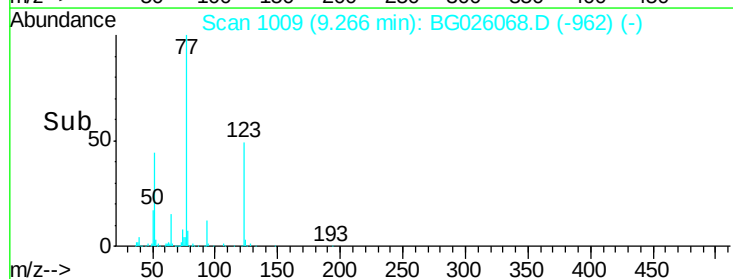
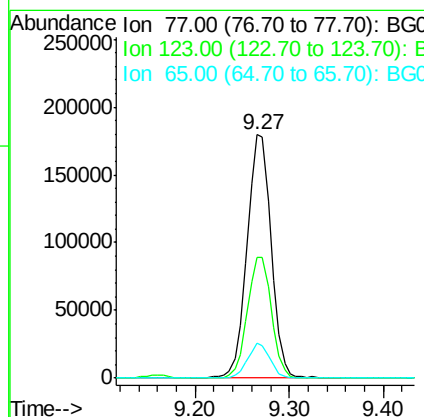
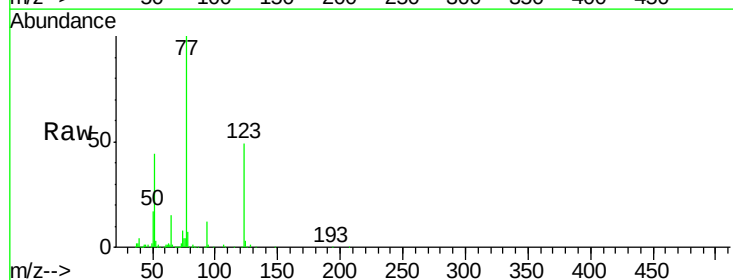
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

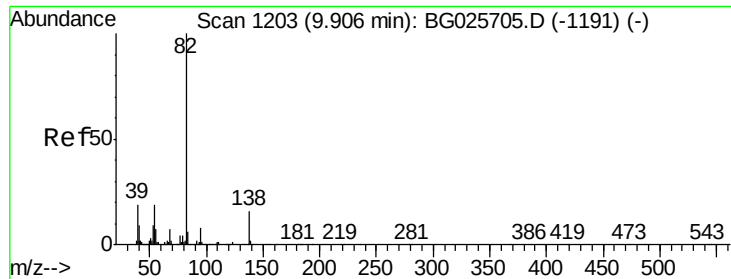
Tgt Ion: 82 Resp: 639892
 Ion Ratio Lower Upper
 82 100
 128 47.3 26.4 39.6#
 54 47.5 49.4 74.2#



#24
 Nitrobenzene
 Concen: 36.76 ng
 RT: 9.27 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion: 77 Resp: 317730
 Ion Ratio Lower Upper
 77 100
 123 49.3 26.1 39.1#
 65 14.5 12.4 18.6





#25

Isophorone

Concen: 35.15 ng

RT: 9.79 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

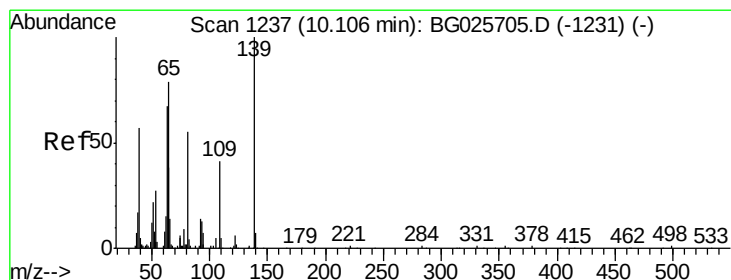
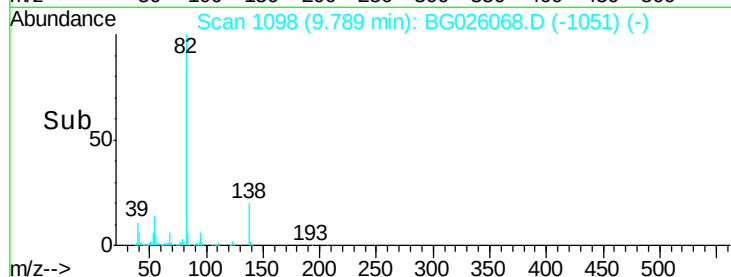
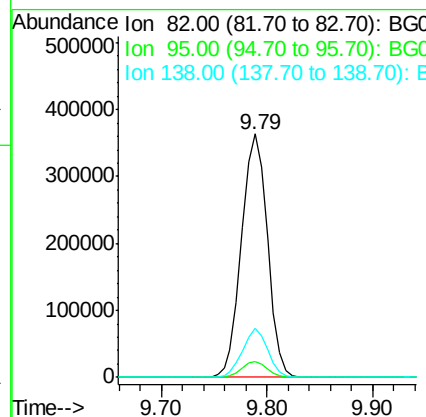
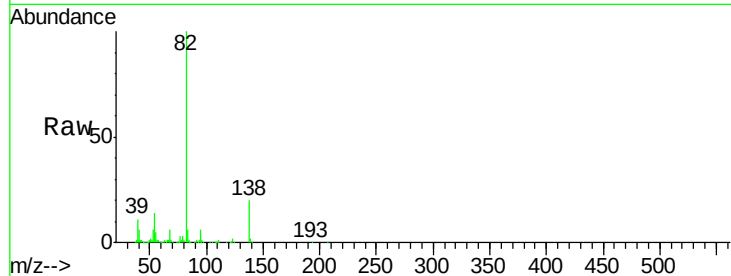
Tgt Ion: 82 Resp: 618174

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 20.0 12.3 18.5#



#26

2-Nitrophenol

Concen: 41.67 ng

RT: 9.98 min Scan# 1130

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

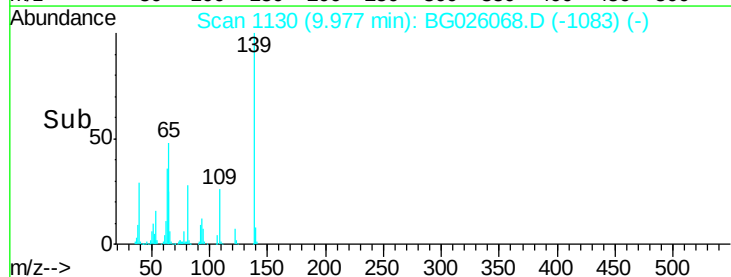
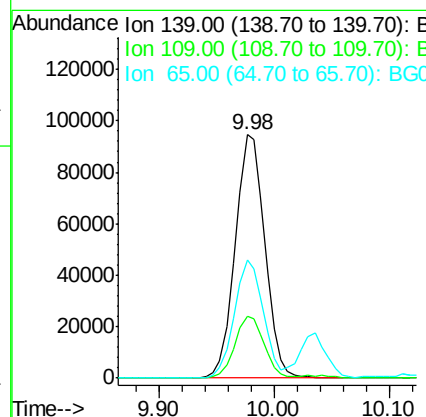
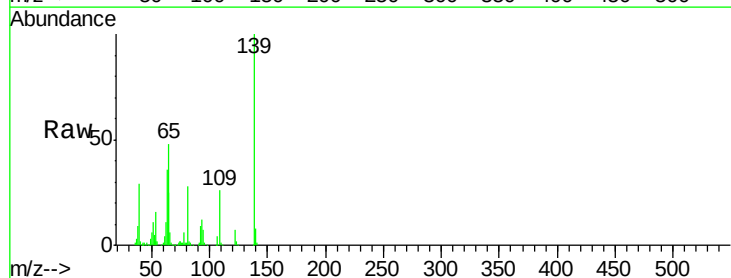
Tgt Ion: 139 Resp: 168409

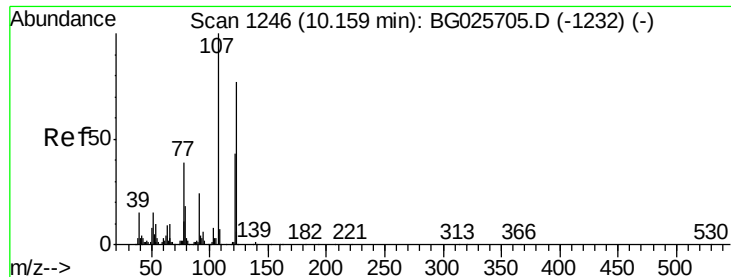
Ion Ratio Lower Upper

139 100

109 25.7 38.6 58.0#

65 48.4 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 39.70 ng

RT: 10.04 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

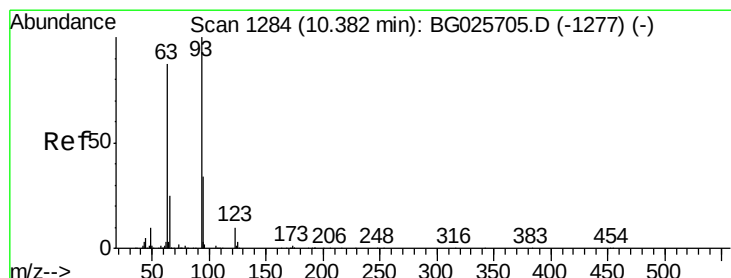
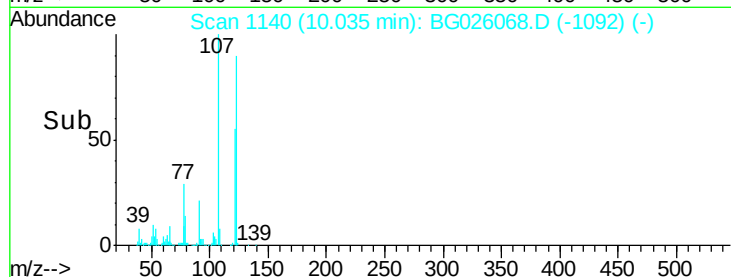
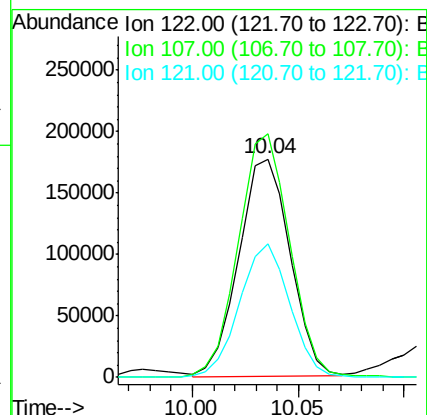
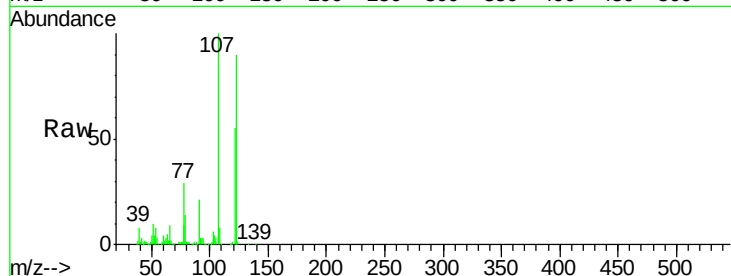
Tgt Ion:122 Resp: 299429

Ion Ratio Lower Upper

122 100

107 111.4 104.2 156.4

121 61.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 35.15 ng

RT: 10.27 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

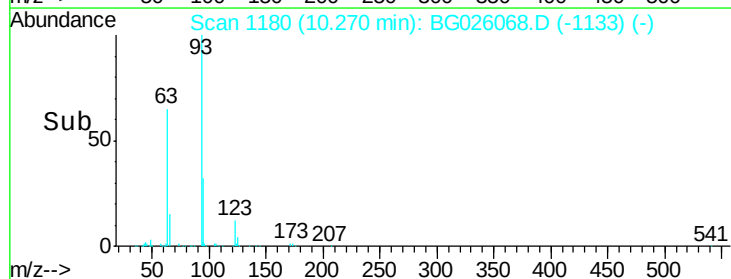
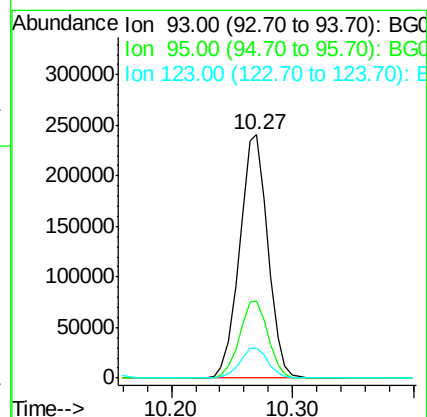
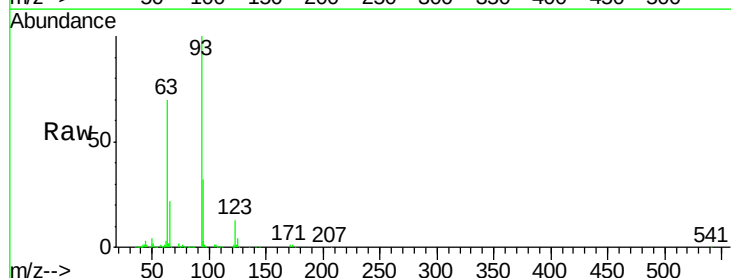
Tgt Ion: 93 Resp: 391803

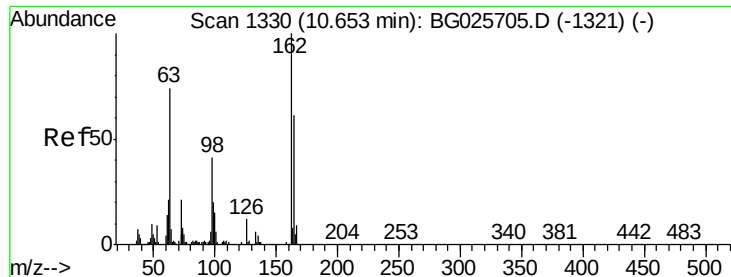
Ion Ratio Lower Upper

93 100

95 32.0 25.7 38.5

123 12.5 8.3 12.5#

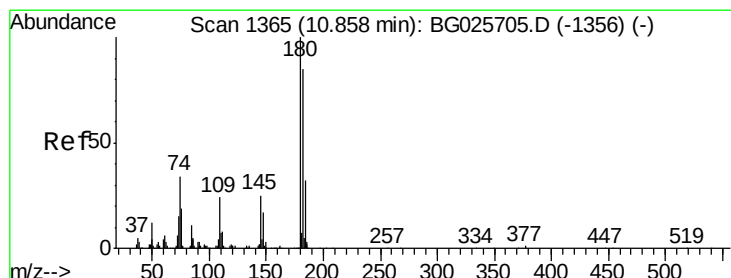
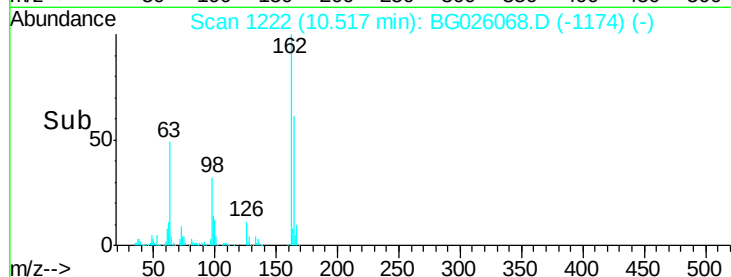
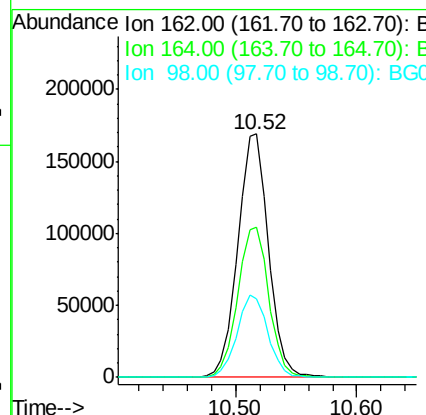
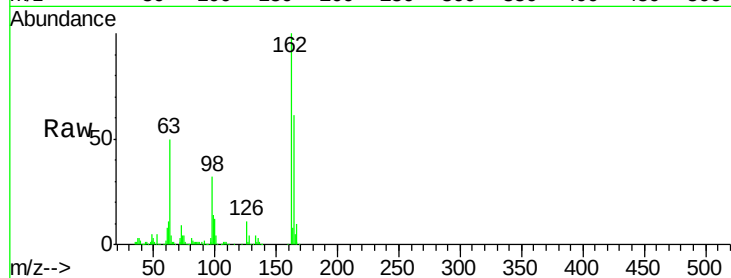




#29
 2,4-Dichlorophenol
 Concen: 41.57 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

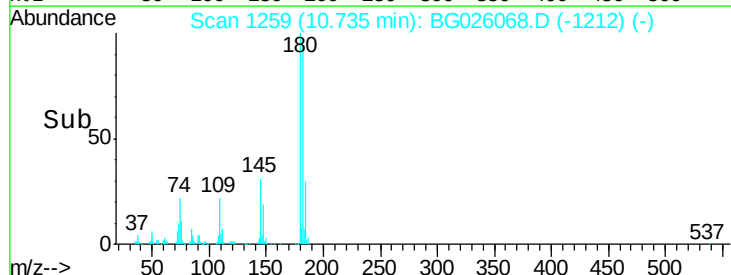
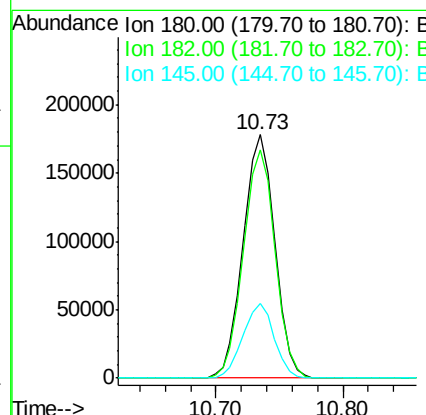
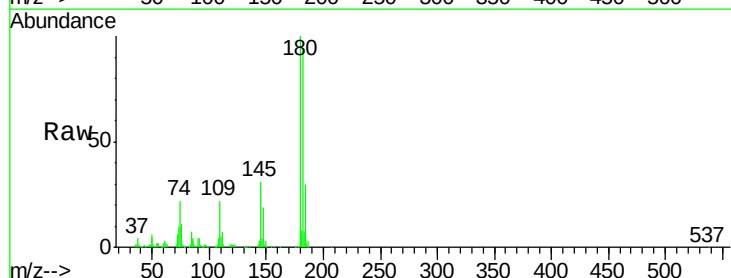
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

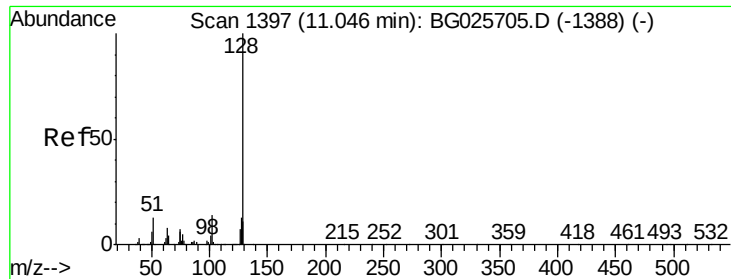
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.4	82.4
98	32.3	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.44 ng
 RT: 10.73 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.0	115.4
145	30.5	23.4	35.0

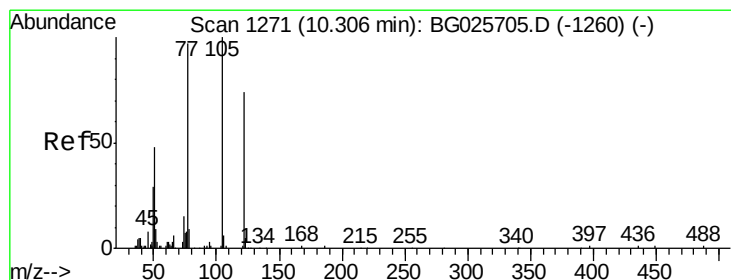
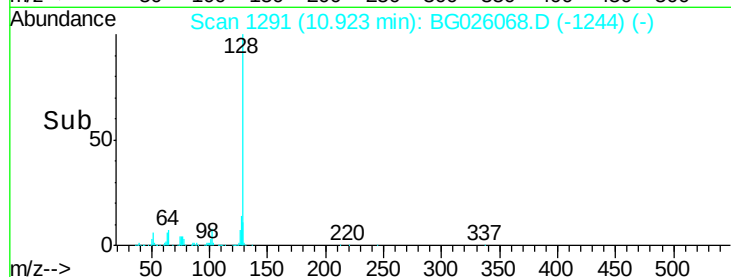
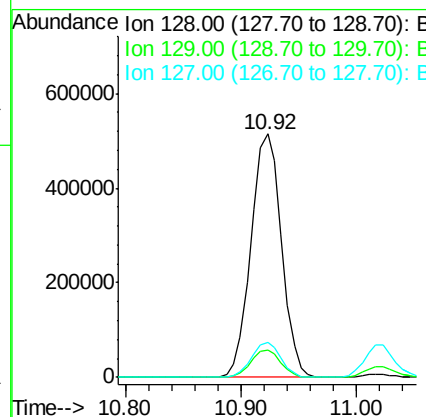
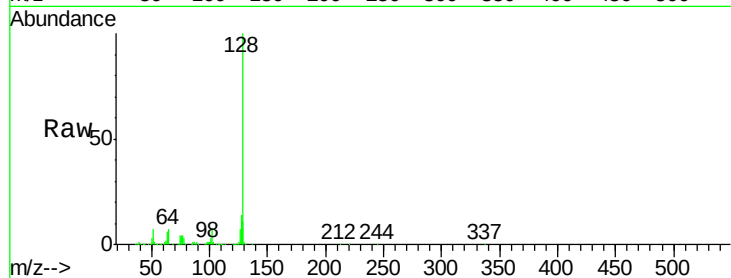




#31
Naphthalene
Concen: 36.35 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

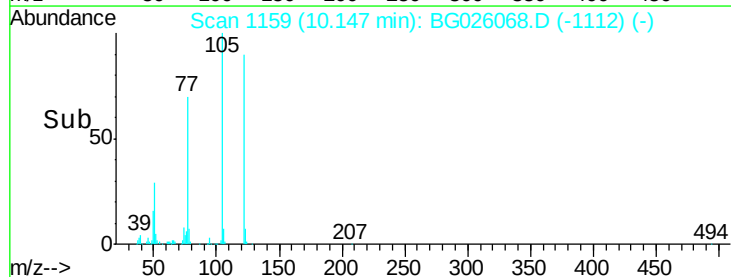
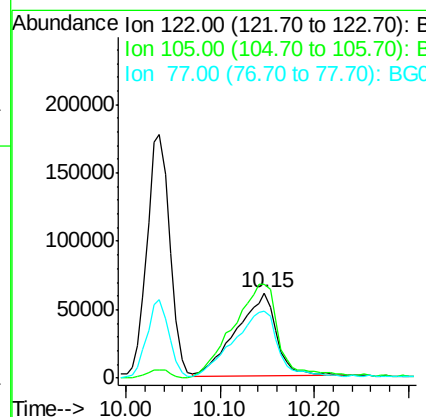
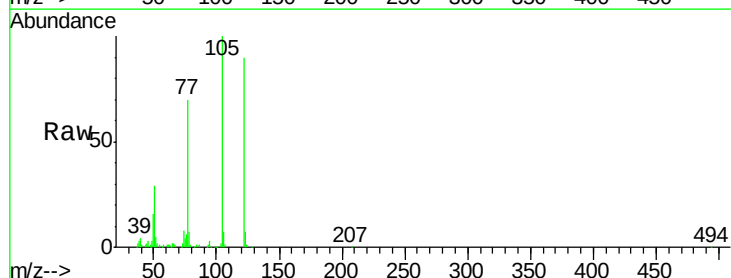
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

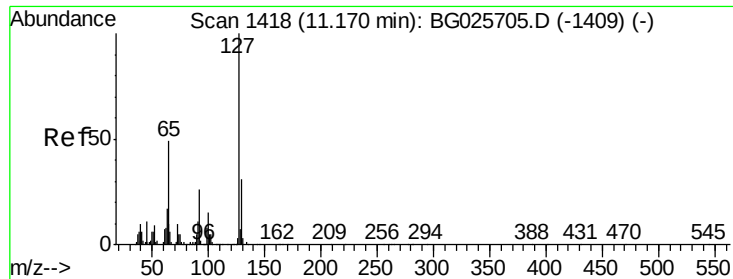
Tgt Ion:128 Resp: 947832
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 14.5 11.4 17.0



#32
Benzoic acid
Concen: 31.46 ng
RT: 10.15 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:122 Resp: 181162
Ion Ratio Lower Upper
122 100
105 110.9 120.1 160.1#
77 78.2 104.6 144.6#

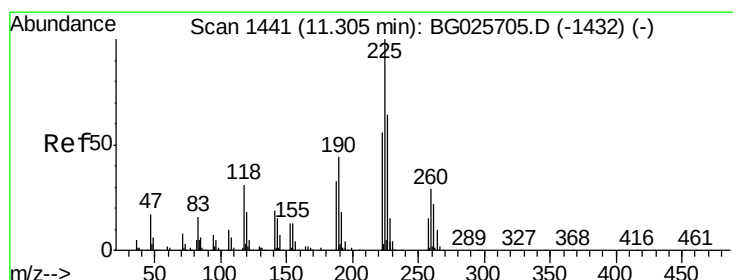
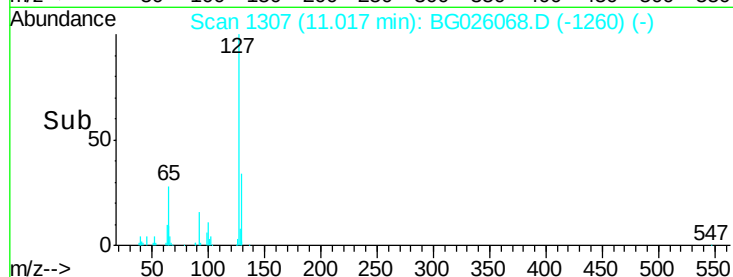
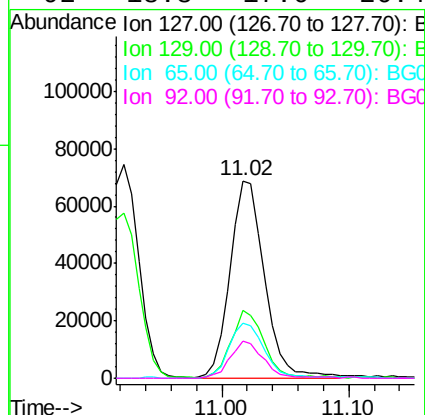
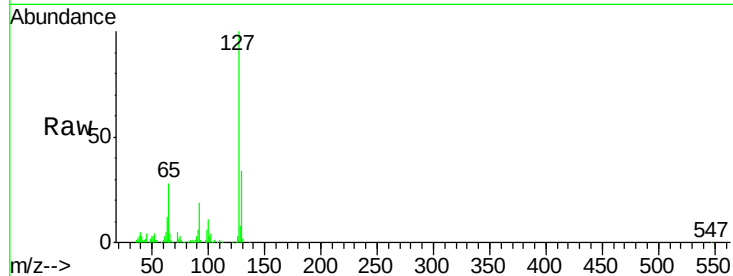




#33
4-Chloroaniline
Concen: 11.33 ng
RT: 11.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

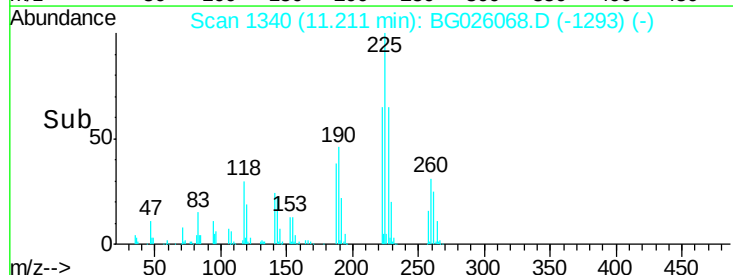
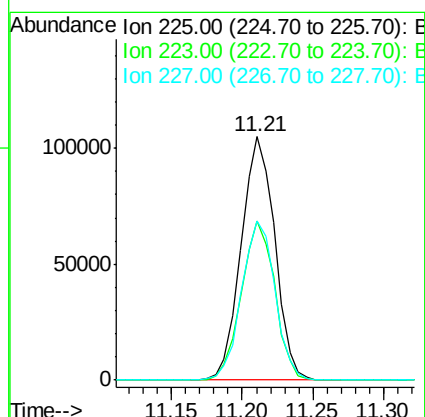
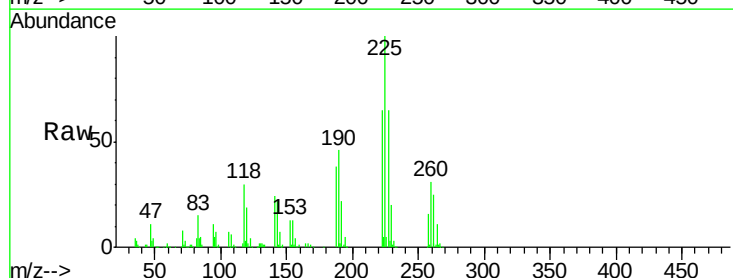
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

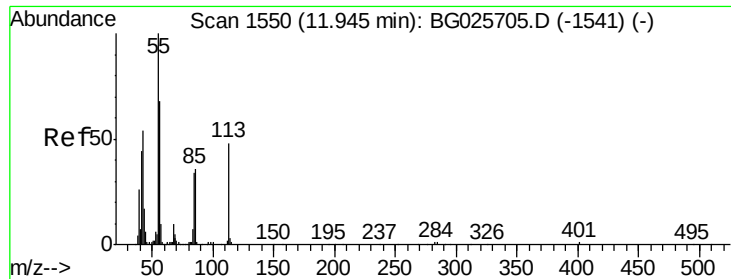
Tgt Ion:	127	Resp:	128319
Ion	Ratio	Lower	Upper
127	100		
129	34.1	23.6	35.4
65	28.3	37.7	56.5#
92	18.8	17.6	26.4



#34
Hexachlorobutadiene
Concen: 39.33 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:	225	Resp:	175222
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.7	76.1
227	65.2	49.0	73.6





#35

Caprolactam

Concen: 38.71 ng

RT: 11.77 min Scan# 1436

Delta R.T. -0.03 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

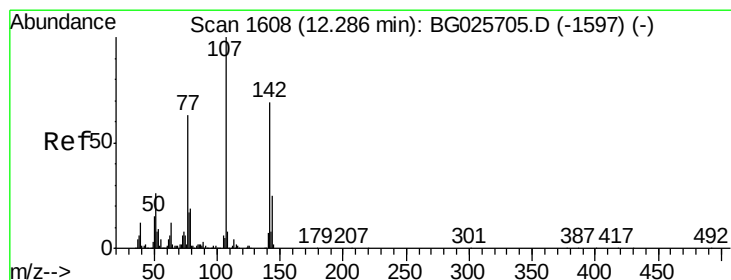
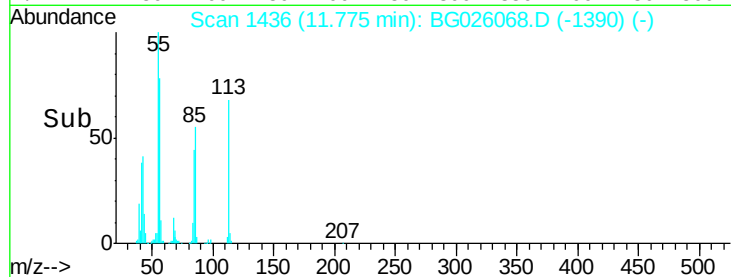
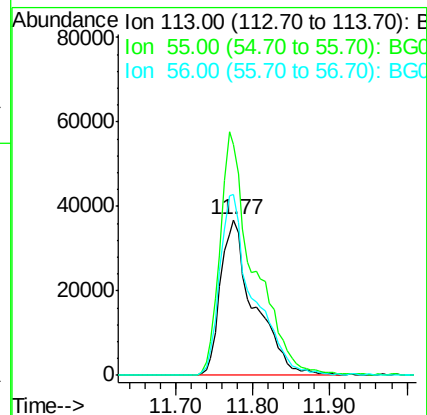
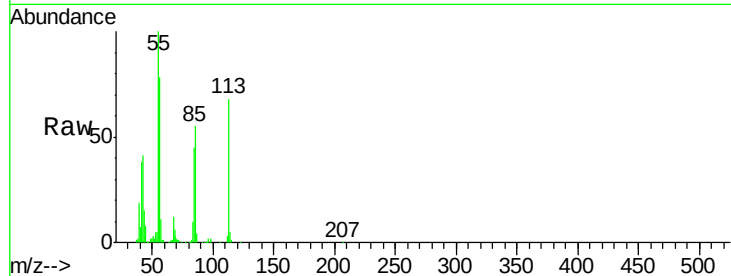
Tgt Ion:113 Resp: 112537

Ion Ratio Lower Upper

113 100

55 148.1 198.6 238.6#

56 116.2 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 36.12 ng

RT: 12.13 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

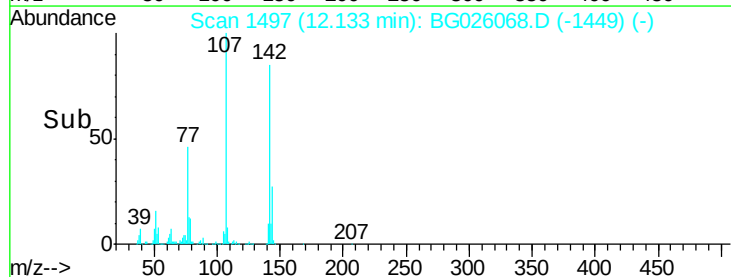
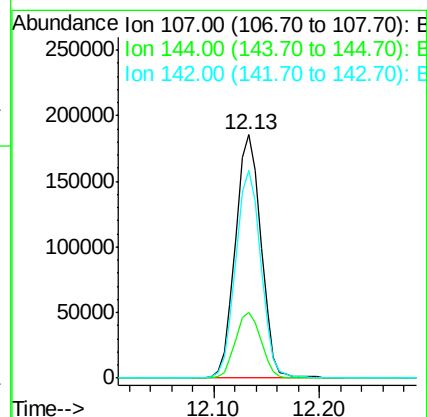
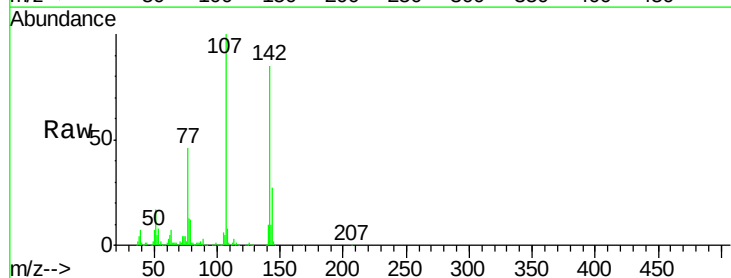
Tgt Ion:107 Resp: 311098

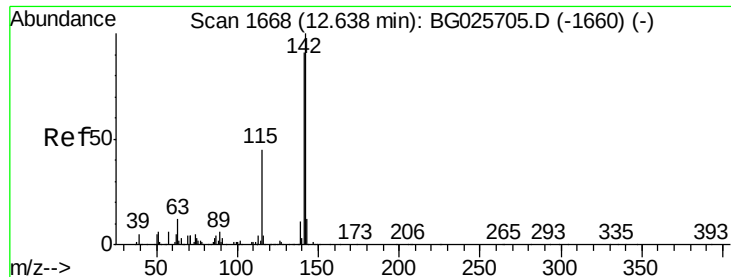
Ion Ratio Lower Upper

107 100

144 27.0 17.4 26.0#

142 85.2 54.1 81.1#

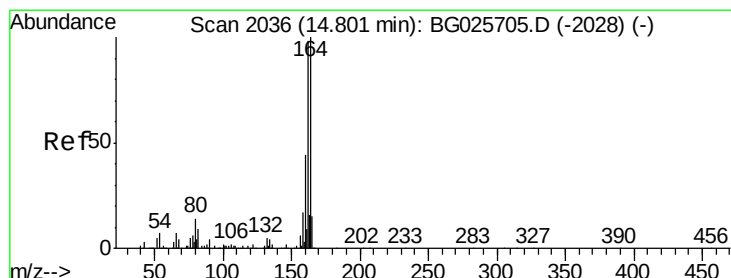
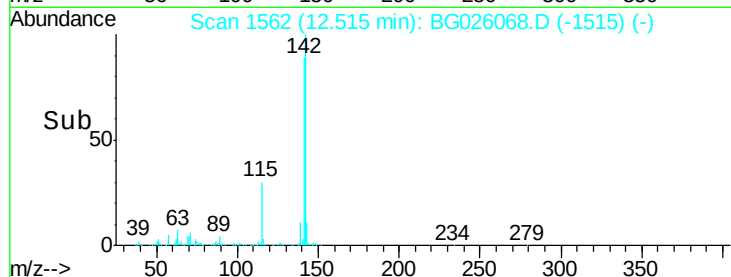
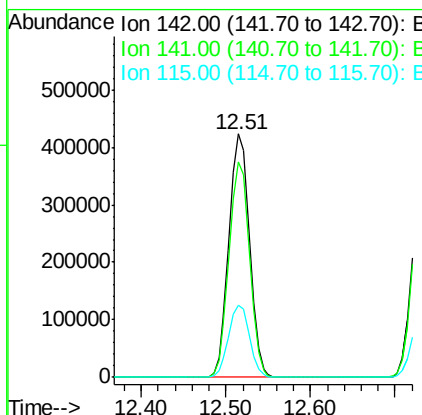
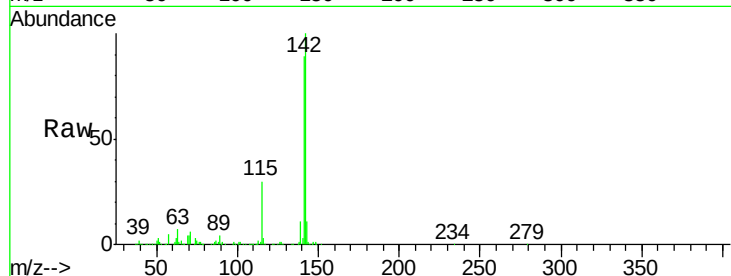




#37
2-Methylnaphthalene
Concen: 35.74 ng
RT: 12.51 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

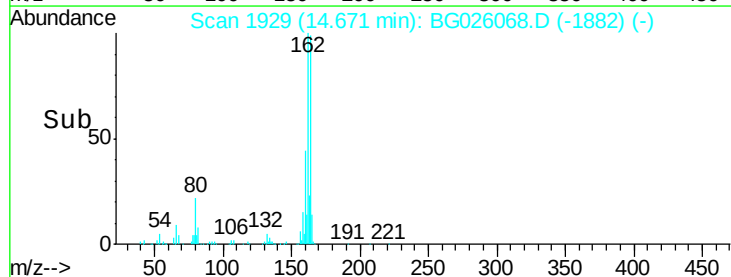
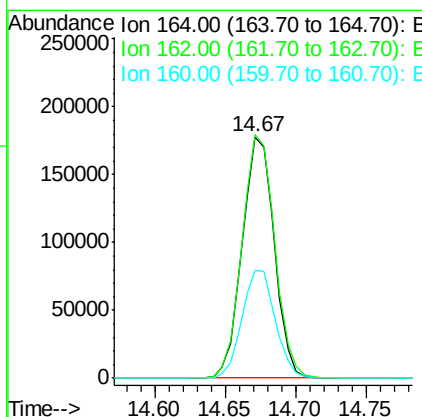
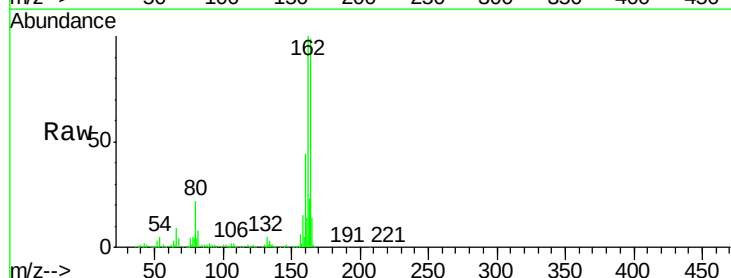
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

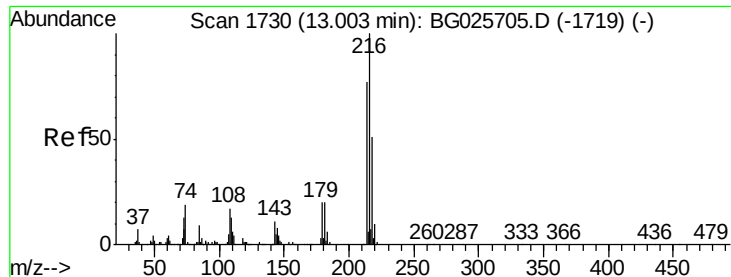
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	29.9	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.1	127.7
160	44.5	34.7	52.1

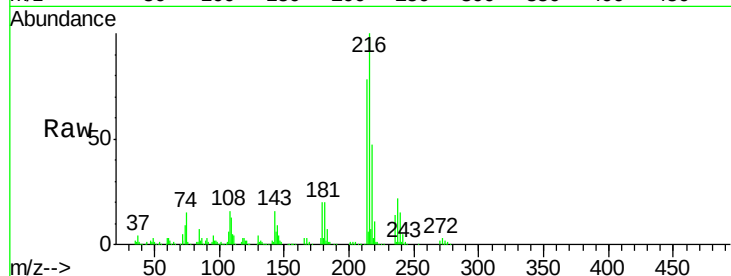




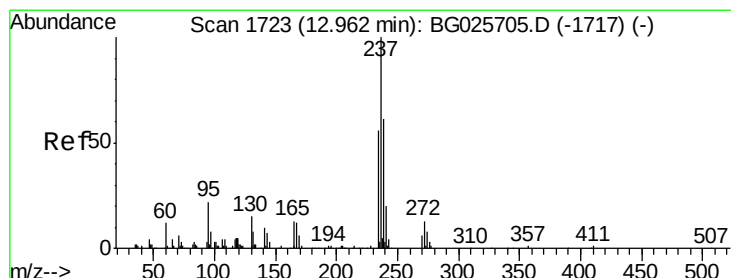
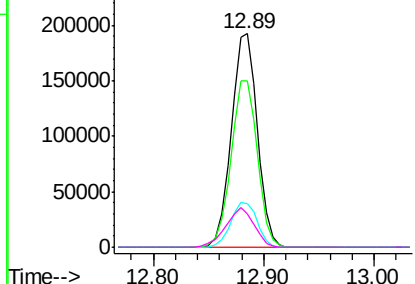
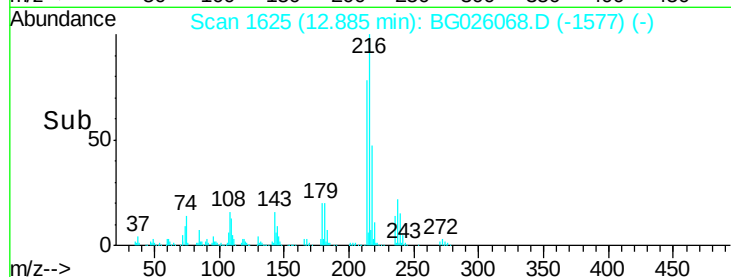
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.99 ng
 RT: 12.89 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

Tgt Ion:	216	Resp:	318361
Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.4	96.6
179	21.5	17.4	26.0
108	20.0	15.6	23.4

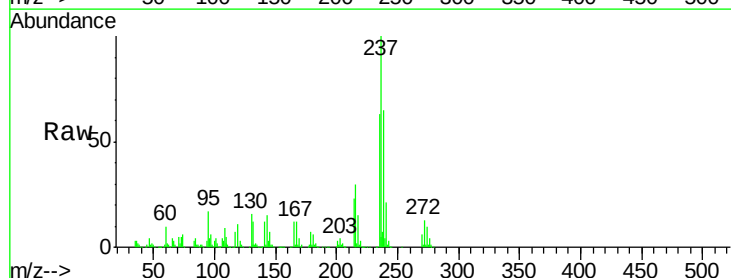


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

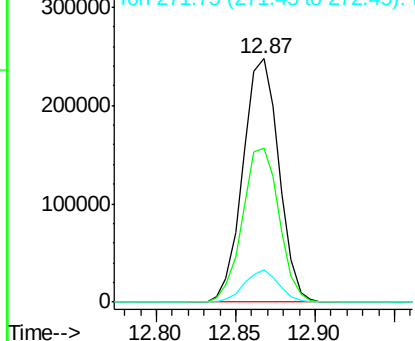
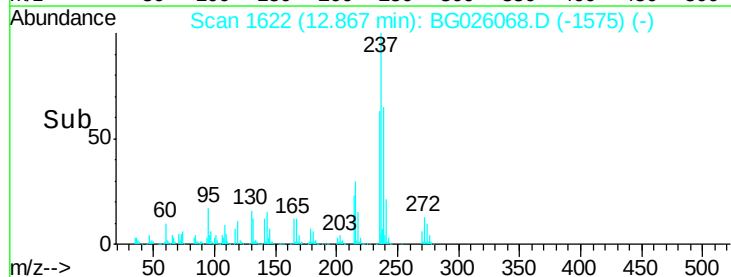


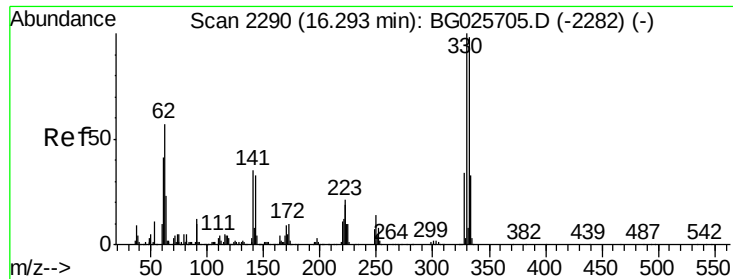
#40
 Hexachlorocyclopentadiene
 Concen: 100.65 ng
 RT: 12.87 min Scan# 1622
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:	237	Resp:	389752
Ion	Ratio	Lower	Upper
237	100		
235	63.5	39.4	79.4
272	13.1	0.0	32.0



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

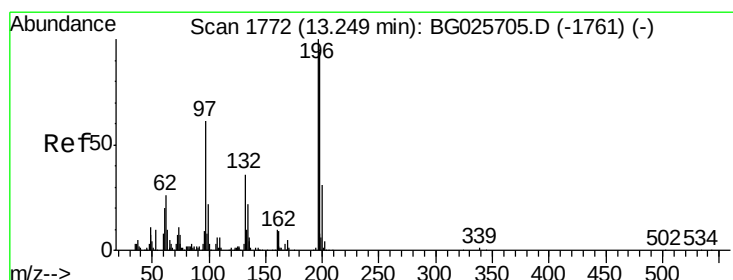
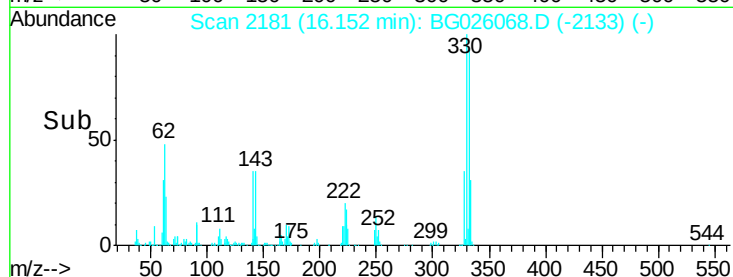
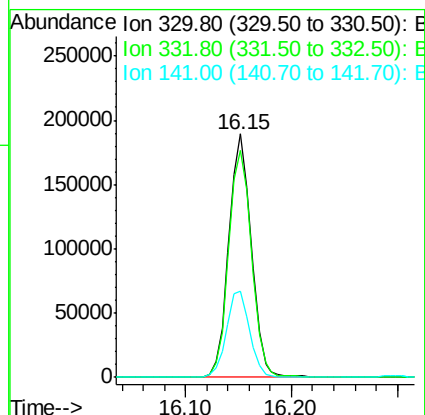
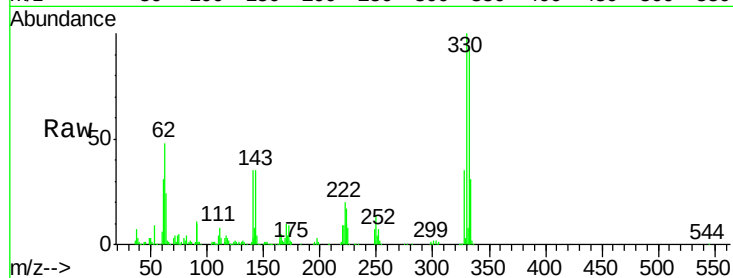




#41
 2,4,6-Tribromophenol
 Concen: 106.52 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

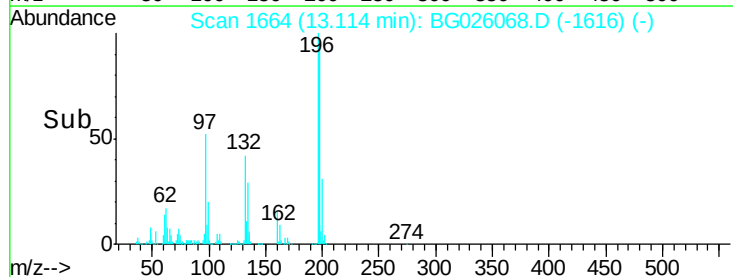
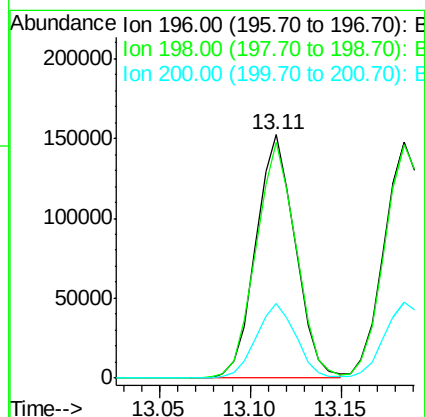
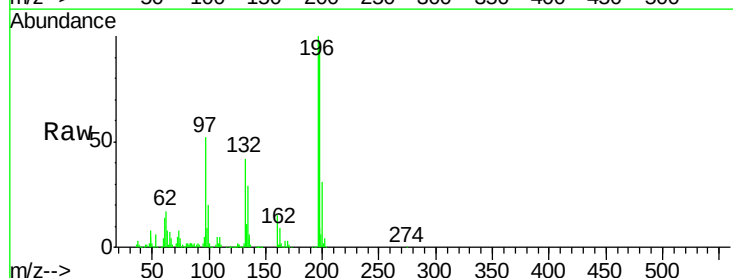
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

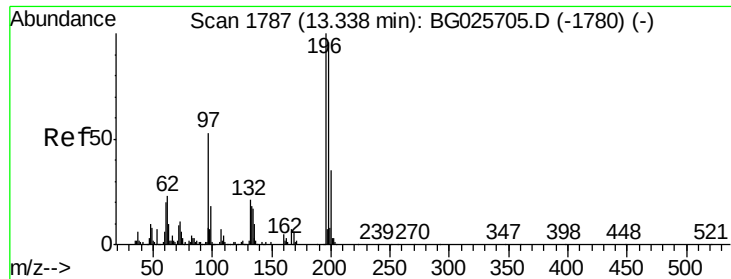
Tgt Ion:330 Resp: 277866
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 36.6 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 50.42 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:196 Resp: 230442
 Ion Ratio Lower Upper
 196 100
 198 97.1 81.4 122.2
 200 30.8 27.0 40.6

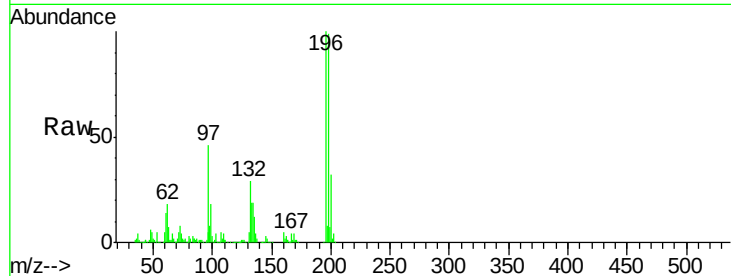




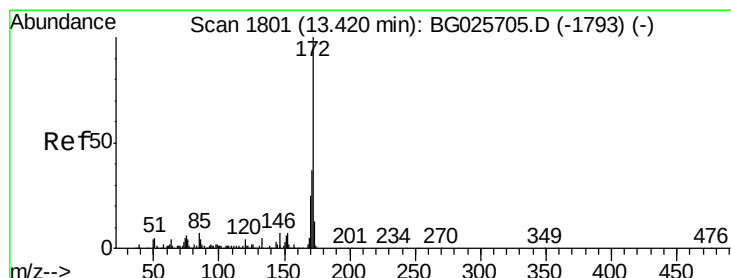
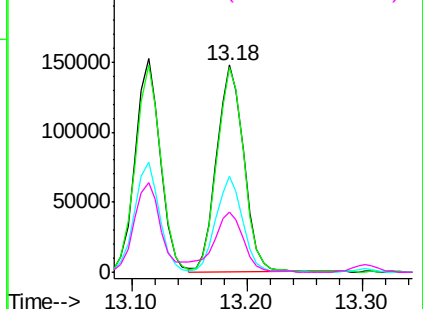
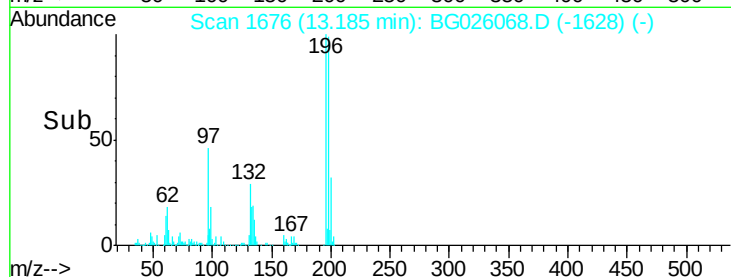
#43
 2,4,5-Trichlorophenol
 Concen: 46.30 ng
 RT: 13.18 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

Tgt Ion:	196	Resp:	240214
Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.9	119.9
97	46.3	45.4	68.0
132	28.8	20.7	31.1

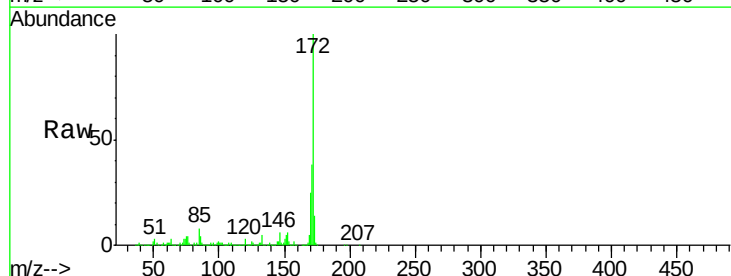


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

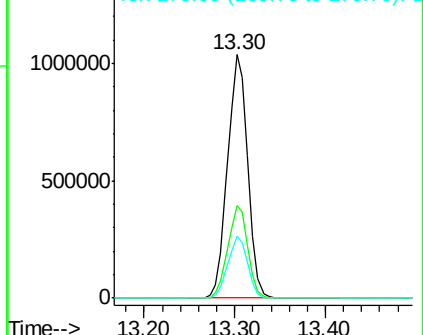
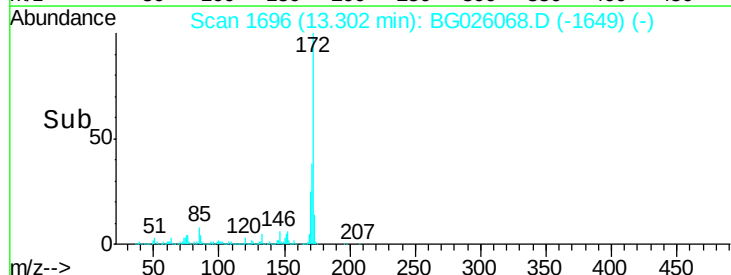


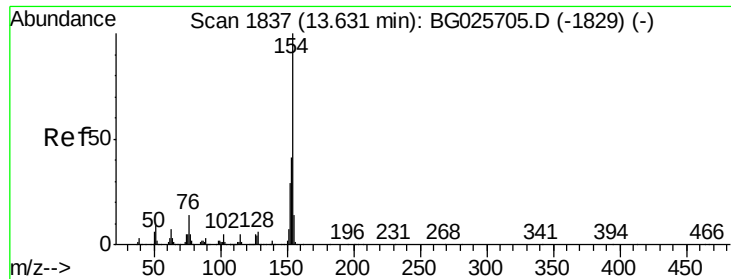
#44
 2-Fluorobiphenyl
 Concen: 98.81 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:	172	Resp:	1596541
Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	25.4	21.8	32.6



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

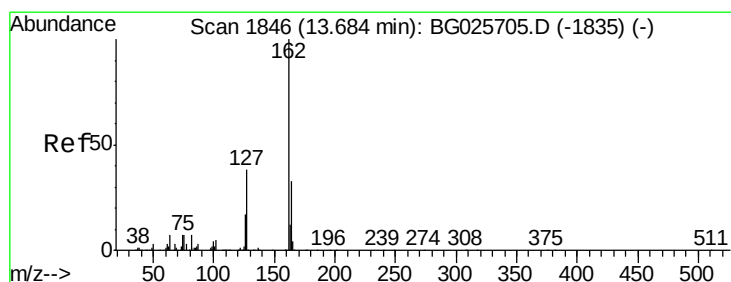
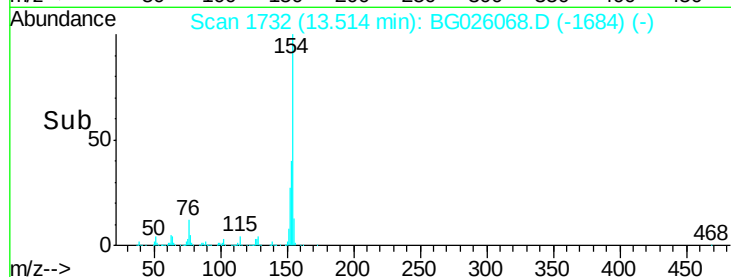
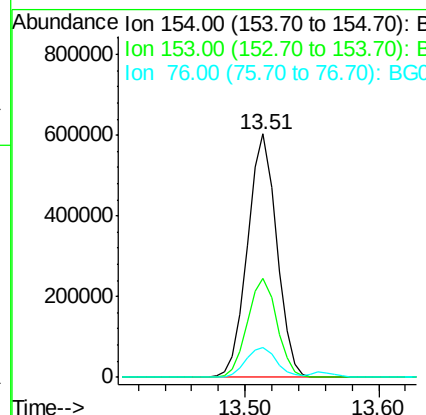
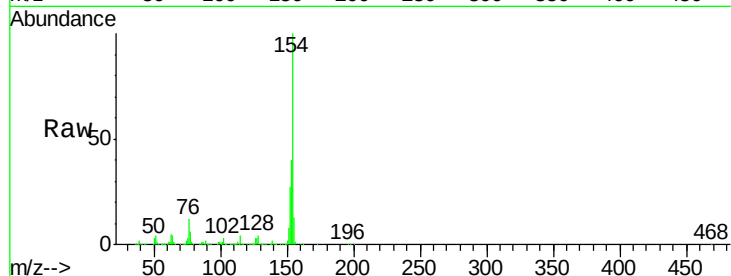




#45
 1,1'-Biphenyl
 Concen: 44.20 ng
 RT: 13.51 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

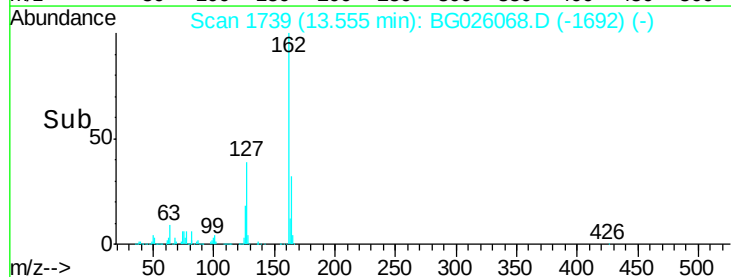
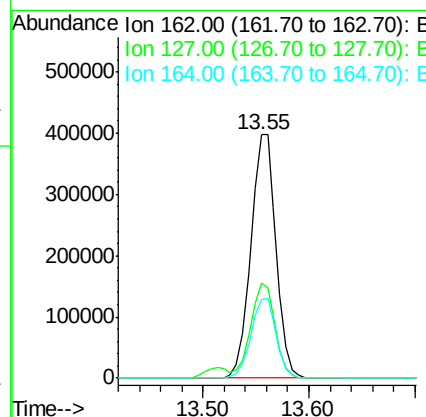
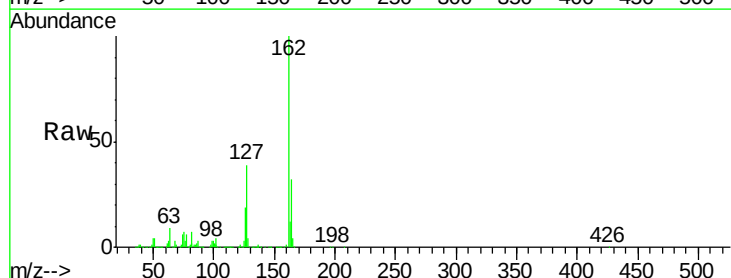
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

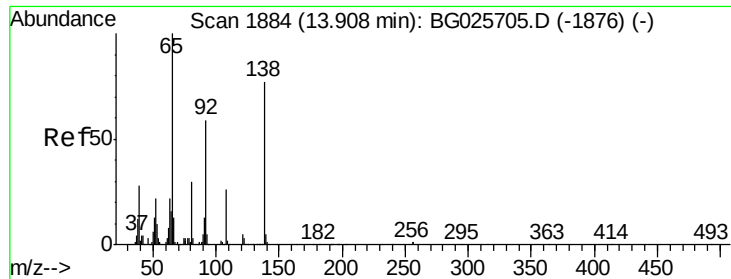
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.0	63.0
76	12.1	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 44.44 ng
 RT: 13.55 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.4
164	32.4	27.3	40.9

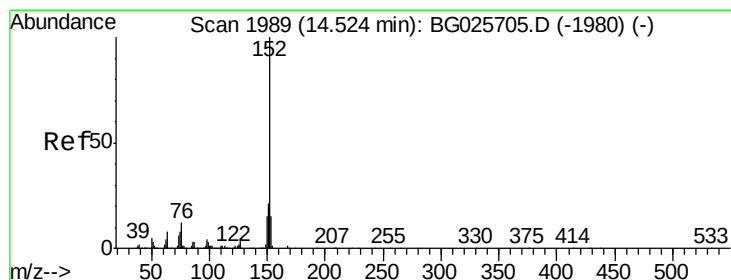
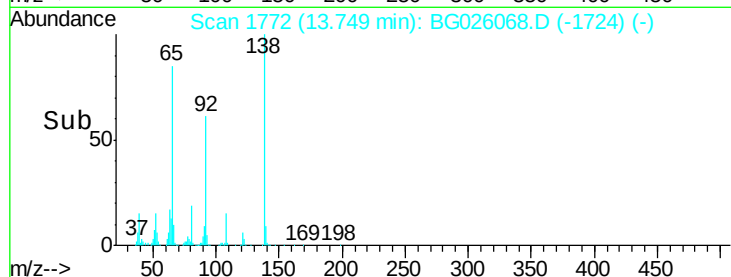
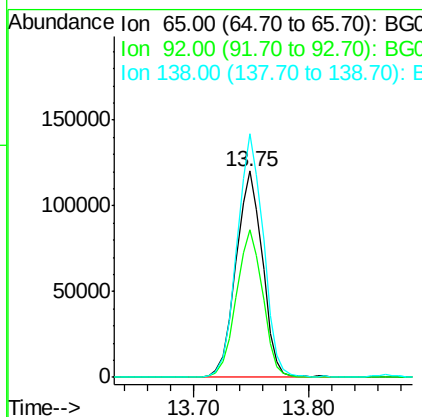
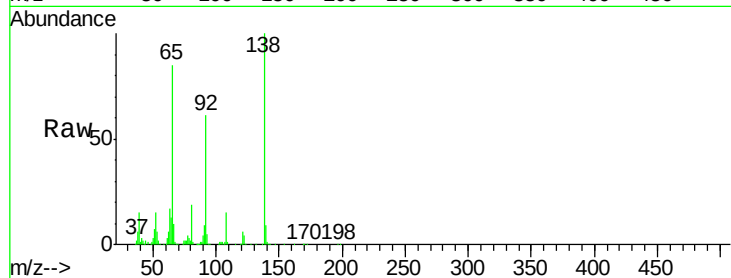




#47
2-Nitroaniline
Concen: 40.88 ng
RT: 13.75 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

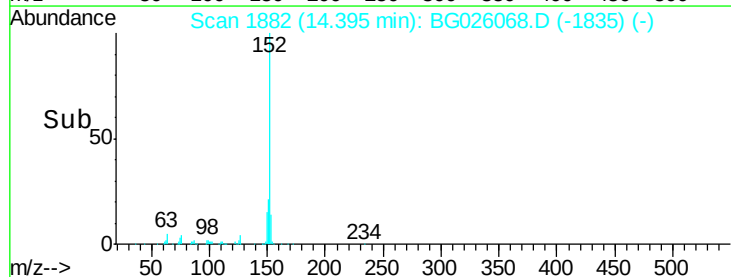
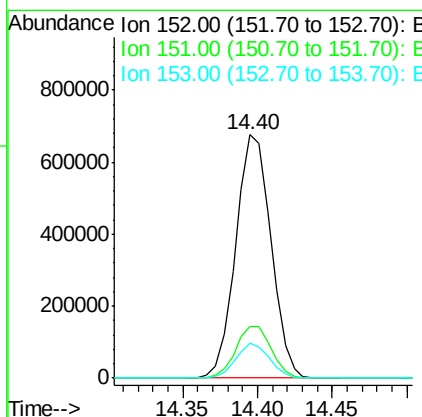
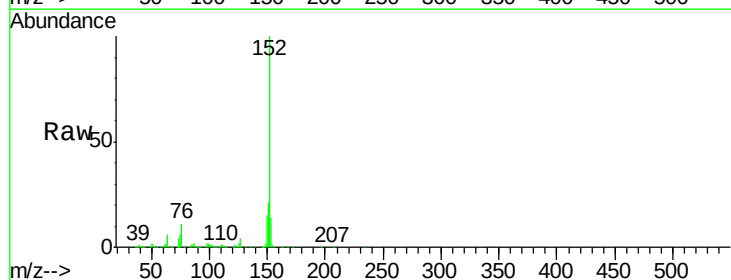
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

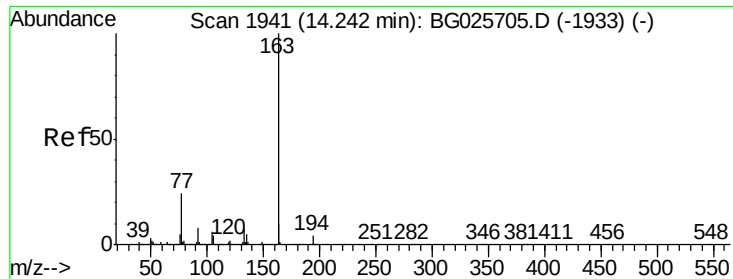
Tgt Ion: 65 Resp: 191780
Ion Ratio Lower Upper
65 100
92 71.7 49.0 73.4
138 118.1 58.6 87.8#



#48
Acenaphthylene
Concen: 41.91 ng
RT: 14.40 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion: 152 Resp: 1103690
Ion Ratio Lower Upper
152 100
151 21.2 18.2 27.2
153 14.5 11.3 16.9





#49

Dimethylphthalate

Concen: 44.14 ng

RT: 14.12 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

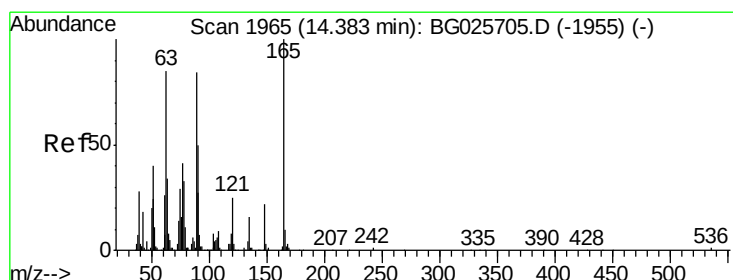
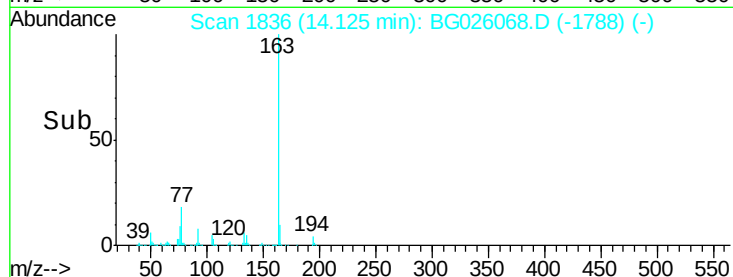
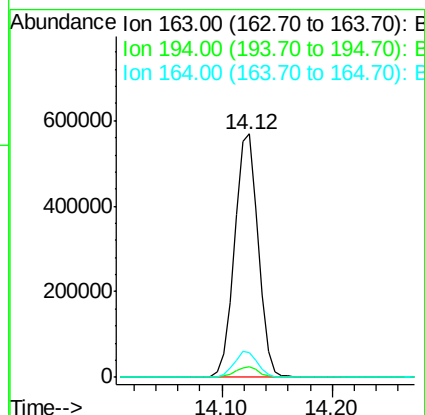
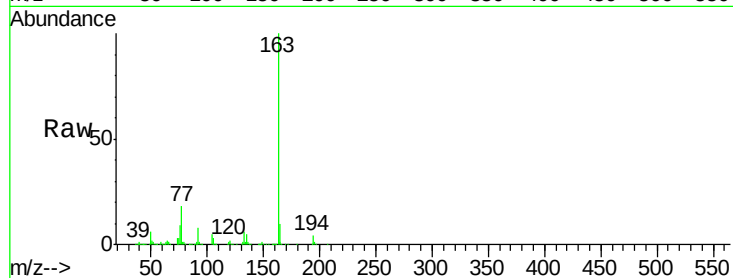
Instrument :

BNA_G

ClientSampleId :

PB97313BSD

Tgt Ion:	163	Resp:	854910
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.1	9.3	13.9



#50

2,6-Dinitrotoluene

Concen: 44.86 ng

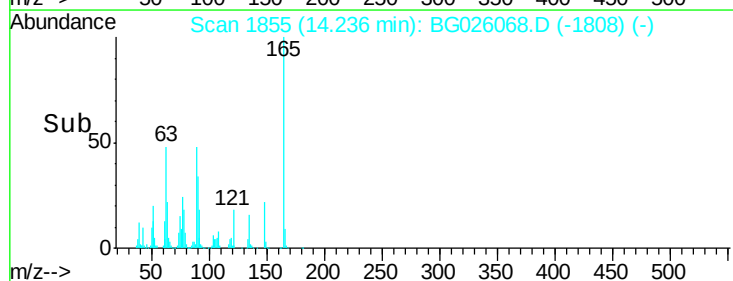
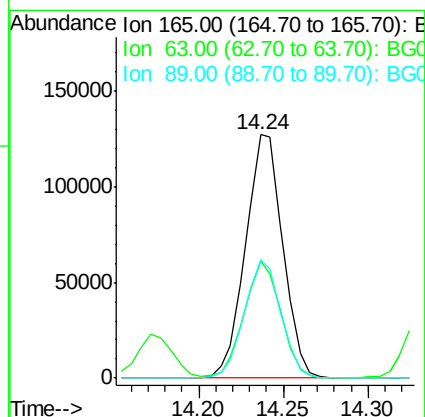
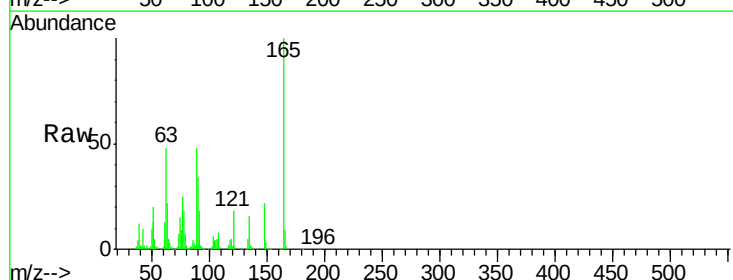
RT: 14.24 min Scan# 1855

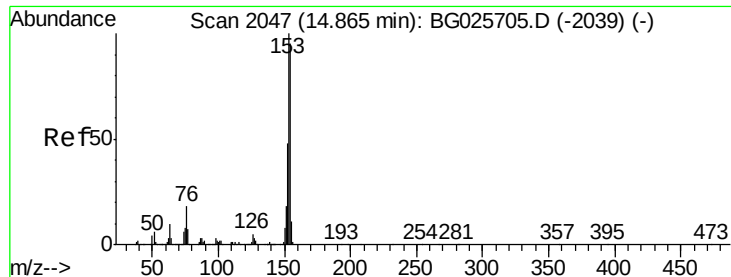
Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Tgt Ion:	165	Resp:	195198
Ion	Ratio	Lower	Upper
165	100		
63	47.8	63.9	95.9#
89	48.3	58.6	88.0#





#51

Acenaphthene

Concen: 46.46 ng

RT: 14.74 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

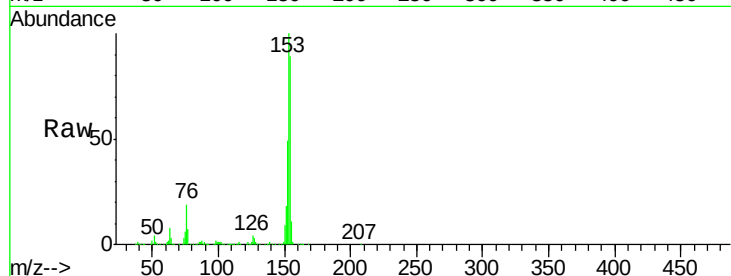
Tgt Ion:154 Resp: 808074

Ion Ratio Lower Upper

154 100

153 112.4 87.8 131.6

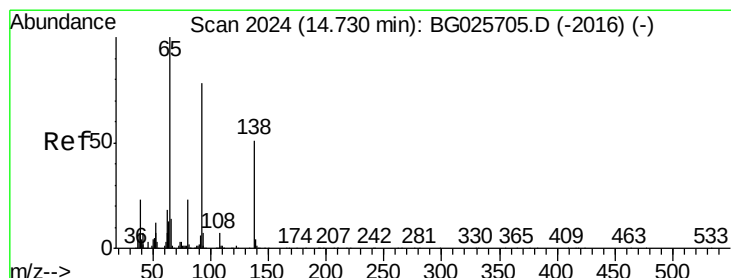
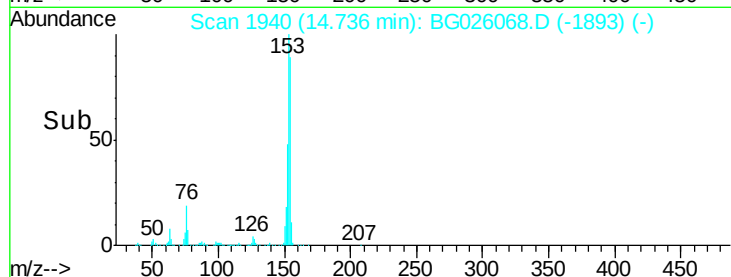
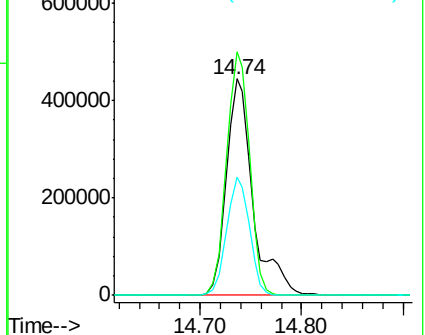
152 54.8 42.2 63.4



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: 23.32 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

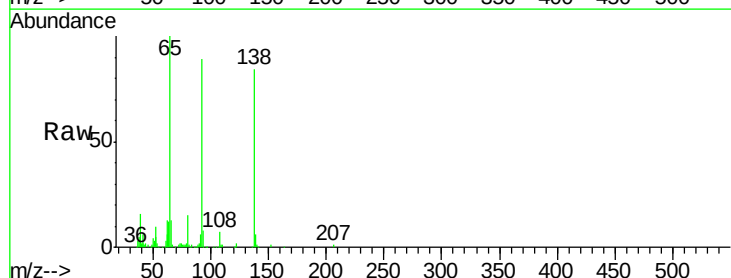
Tgt Ion:138 Resp: 113501

Ion Ratio Lower Upper

138 100

108 8.8 10.9 16.3#

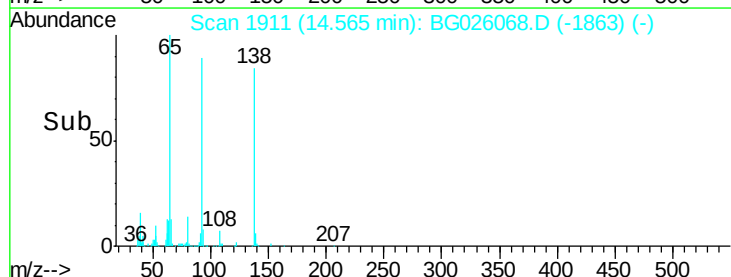
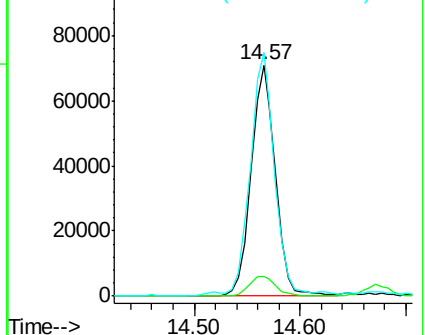
92 105.3 115.3 172.9#

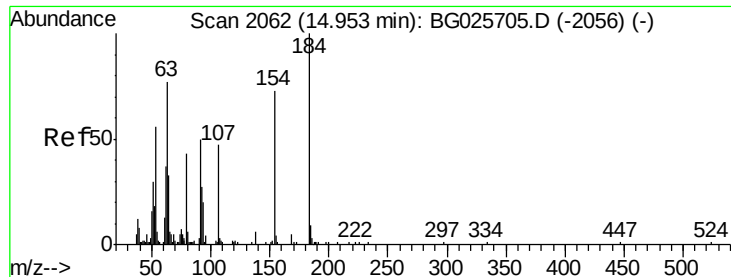


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

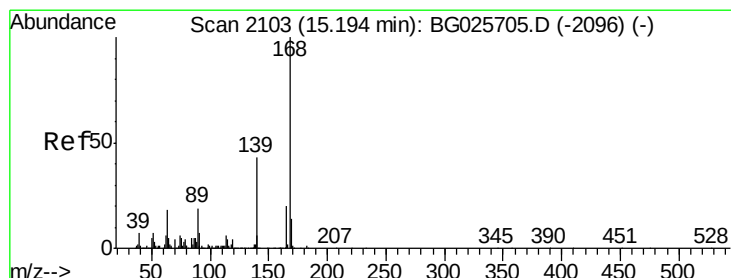
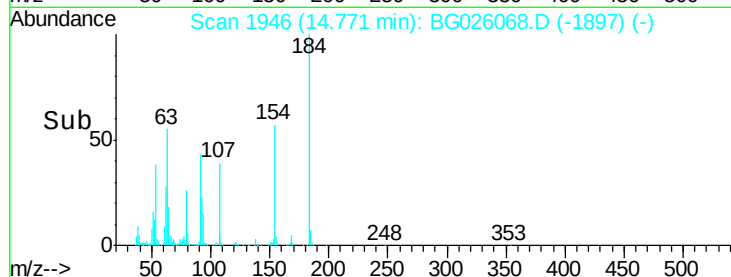
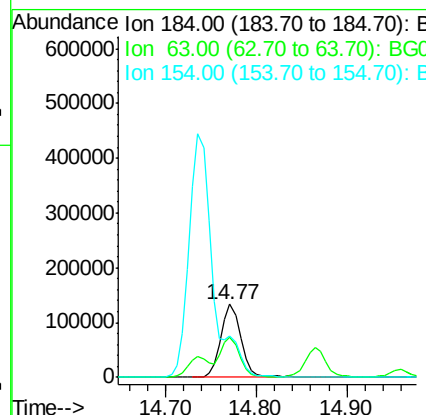
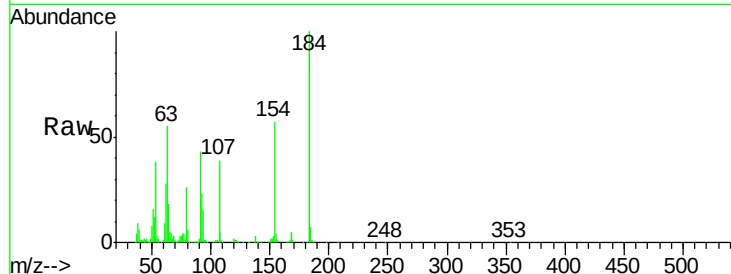




#53
2,4-Dinitrophenol
Concen: 91.61 ng
RT: 14.77 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

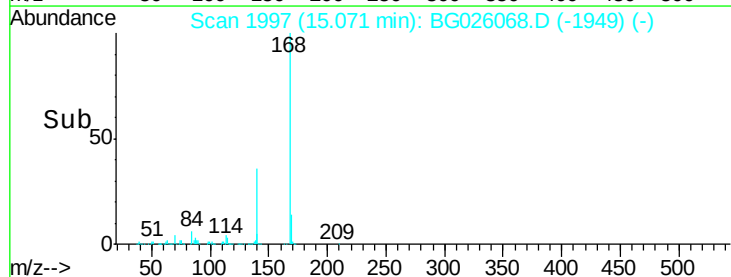
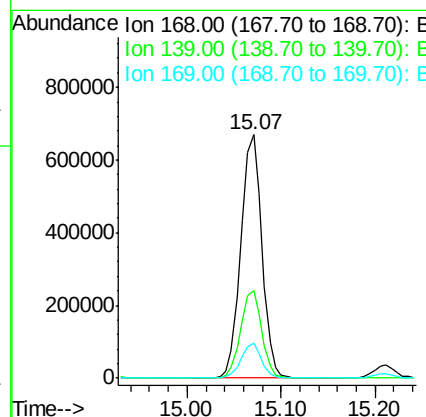
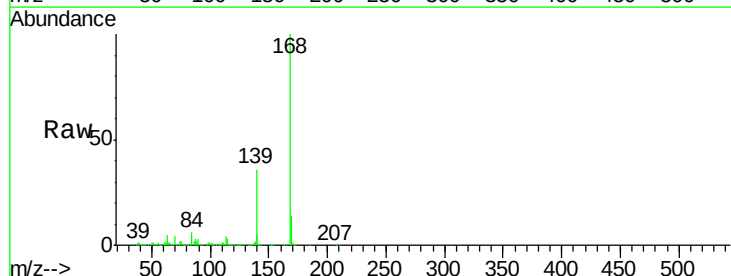
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

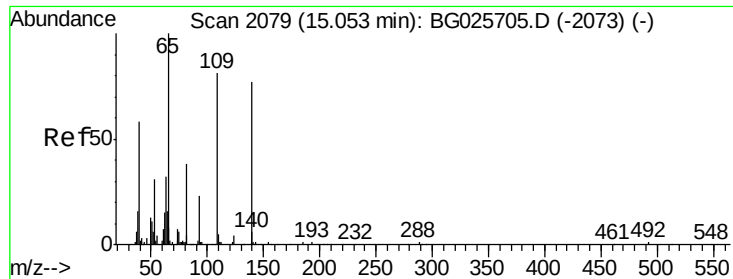
Tgt Ion:184 Resp: 208575
Ion Ratio Lower Upper
184 100
63 54.8 52.7 79.1
154 56.8 57.3 85.9#



#54
Dibenzofuran
Concen: 44.97 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:168 Resp: 1042852
Ion Ratio Lower Upper
168 100
139 35.9 35.3 52.9
169 14.5 11.5 17.3

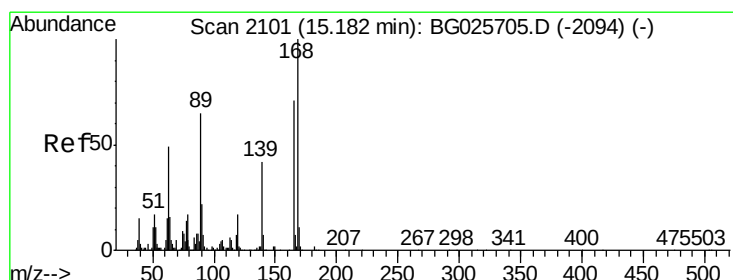
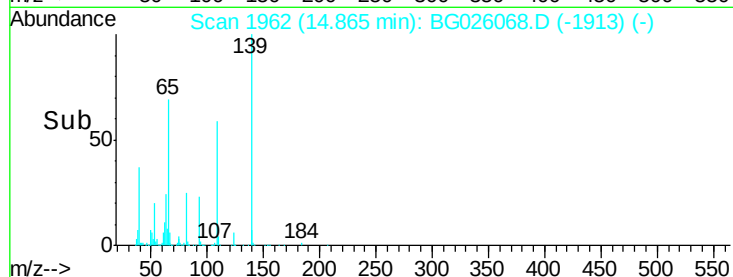
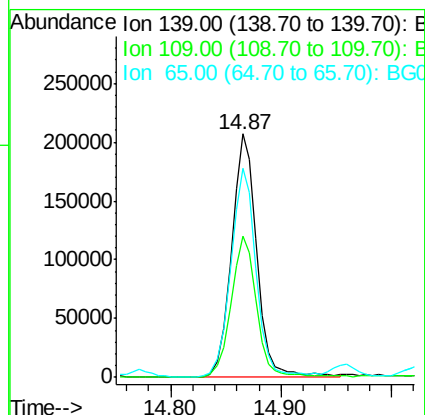
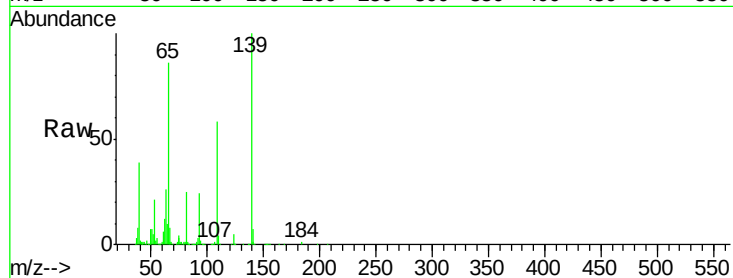




#55
4-Nitrophenol
Concen: 83.81 ng
RT: 14.87 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

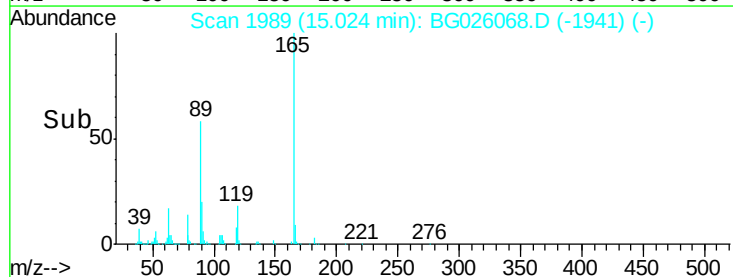
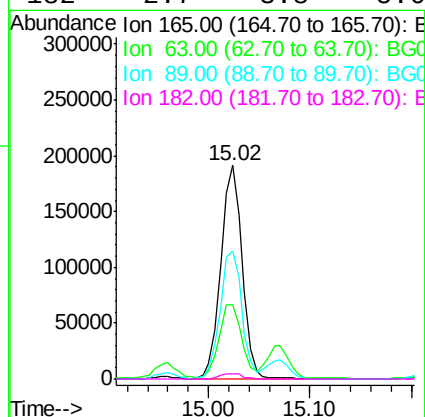
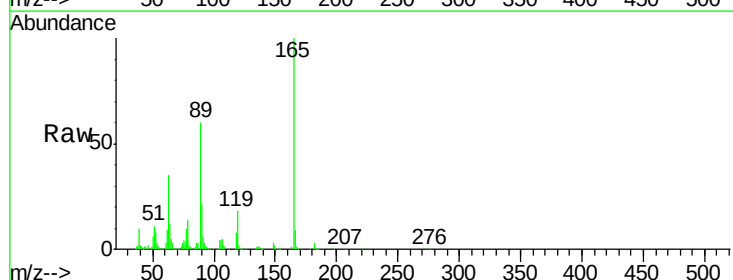
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

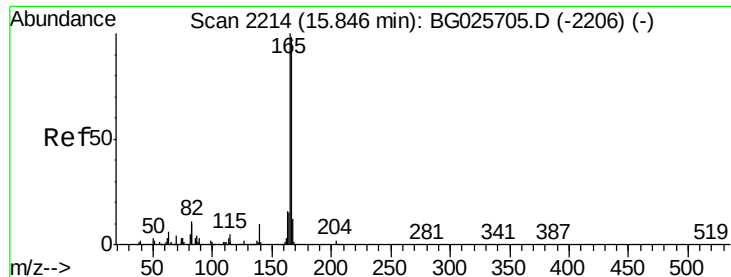
Tgt Ion:139 Resp: 331974
Ion Ratio Lower Upper
139 100
109 57.9 101.2 141.2#
65 86.1 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 47.53 ng
RT: 15.02 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:165 Resp: 278239
Ion Ratio Lower Upper
165 100
63 34.7 44.0 66.0#
89 59.6 67.3 100.9#
182 2.7 3.8 5.6#

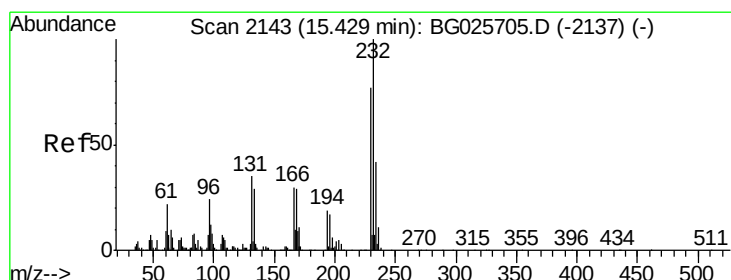
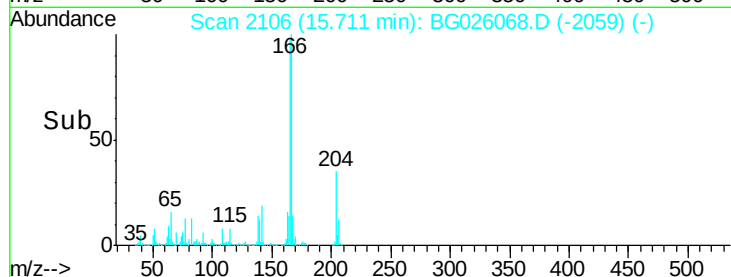
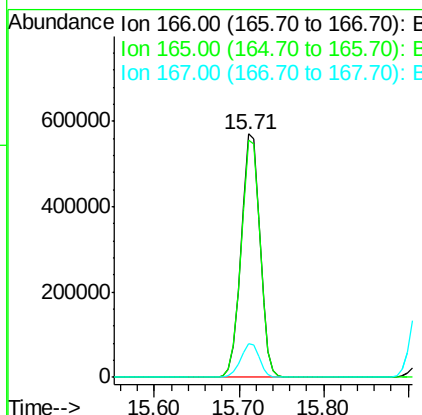
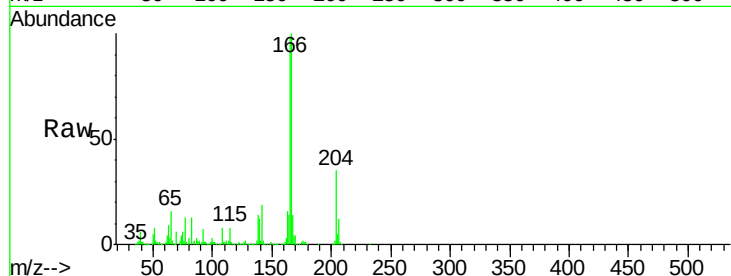




#57
Fluorene
 Concen: 41.96 ng
 RT: 15.71 min Scan# 2106
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

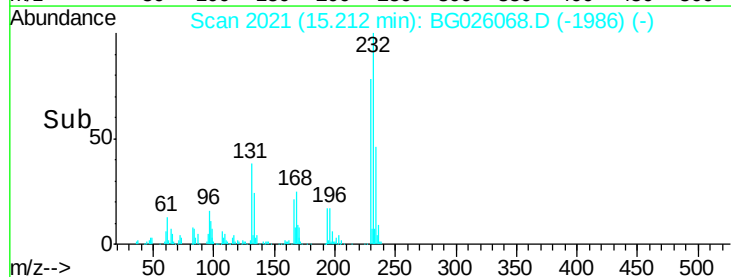
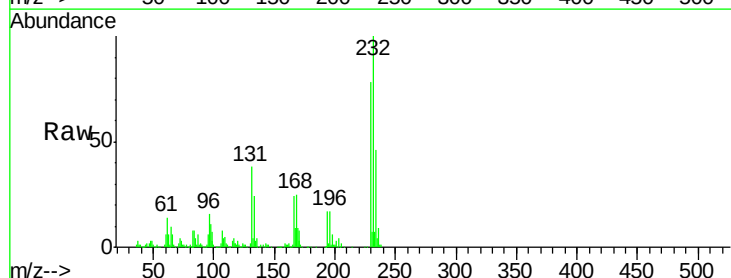
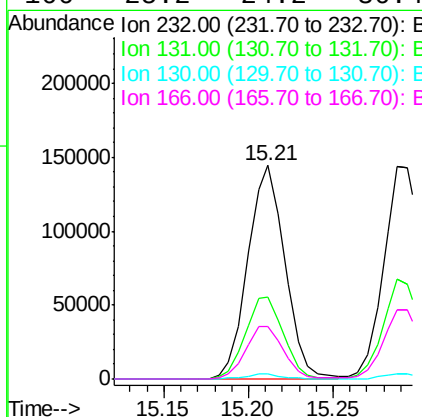
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

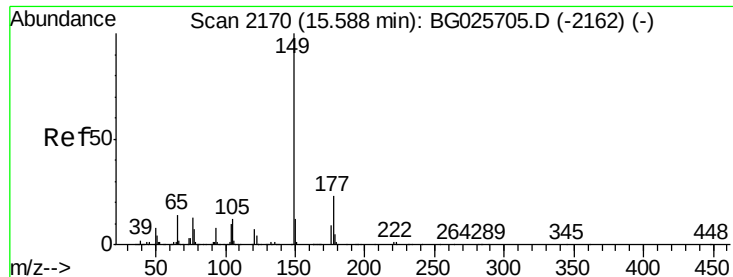
Tgt Ion:166 Resp: 869444
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.6 117.8
 167 13.6 11.6 17.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.25 ng
 RT: 15.21 min Scan# 2021
 Delta R.T. -0.09 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:232 Resp: 220852
 Ion Ratio Lower Upper
 232 100
 131 39.6 34.9 52.3
 130 2.3 2.3 3.5
 166 25.2 24.2 36.4





#59

Diethylphthalate

Concen: 44.11 ng

RT: 15.48 min Scan# 2066

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

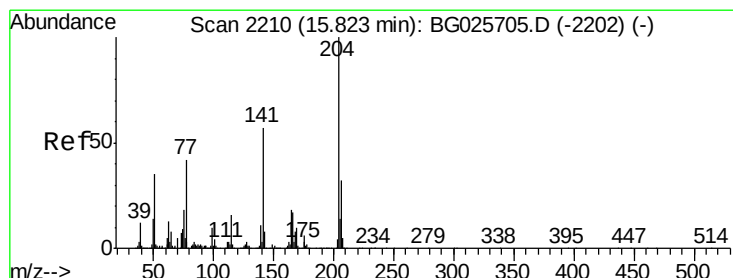
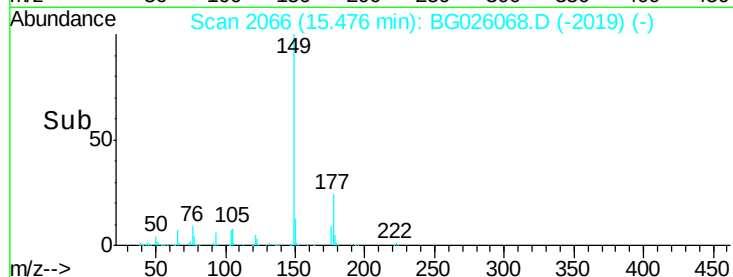
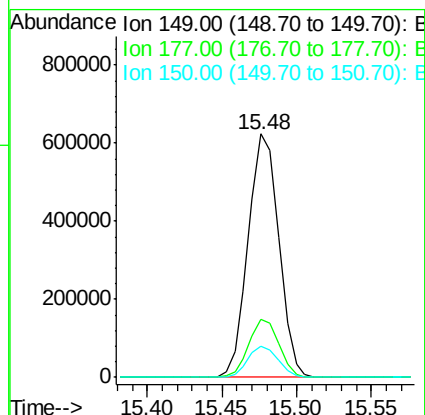
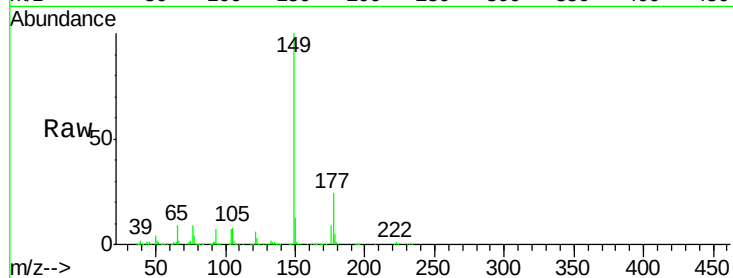
Instrument :

BNA_G

ClientSampleId :

PB97313BSD

Tgt Ion:	149	Resp:	883651
Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	13.0	10.2	15.2



#60

4-Chlorophenyl-phenylether

Concen: 42.52 ng

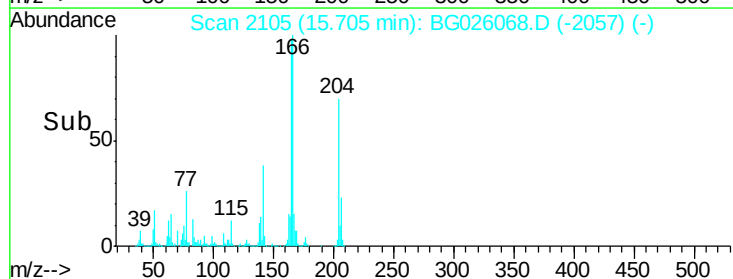
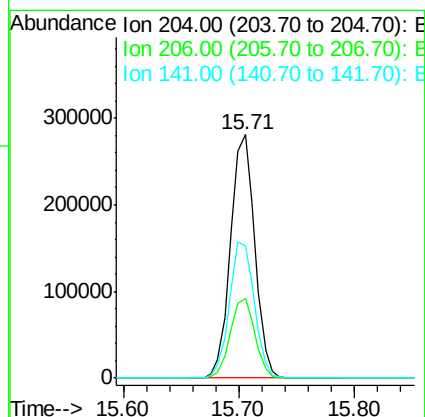
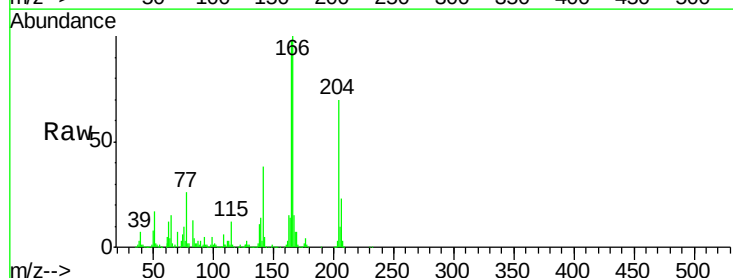
RT: 15.71 min Scan# 2105

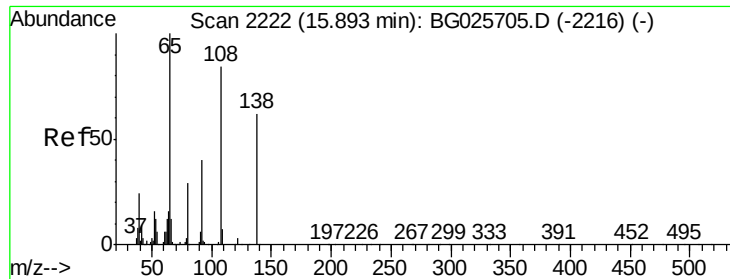
Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Tgt Ion:	204	Resp:	408238
Ion	Ratio	Lower	Upper
204	100		
206	32.8	30.1	45.1
141	54.2	50.6	76.0

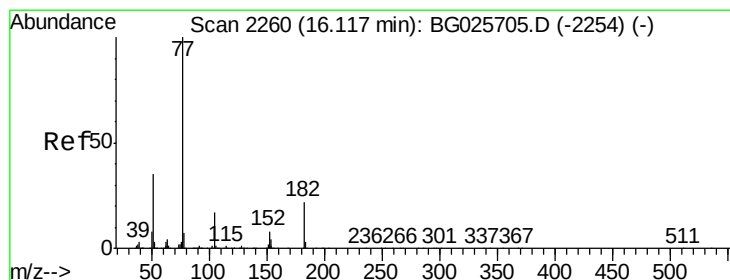
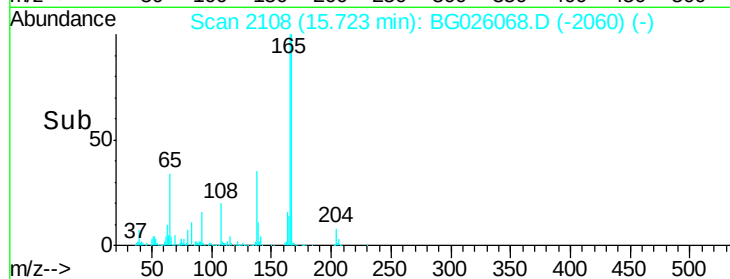
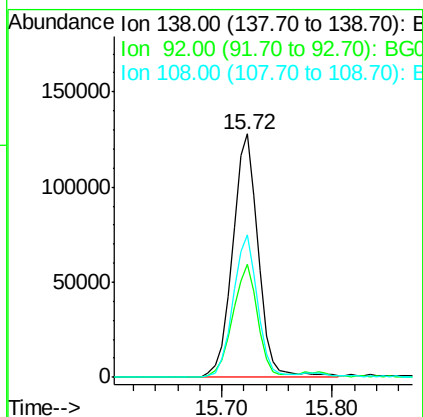
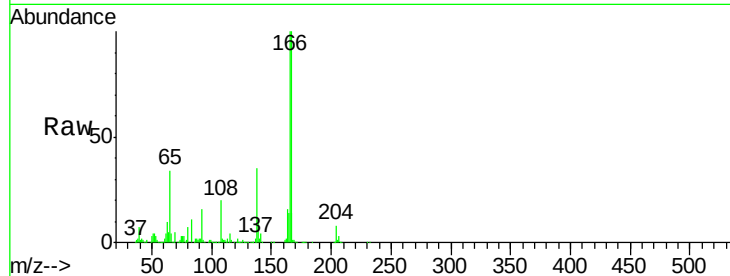




#61
4-Nitroaniline
Concen: 41.39 ng
RT: 15.72 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

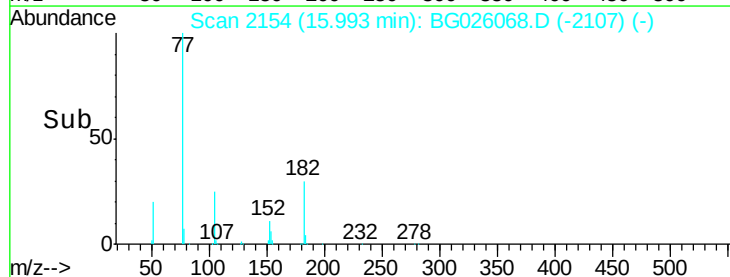
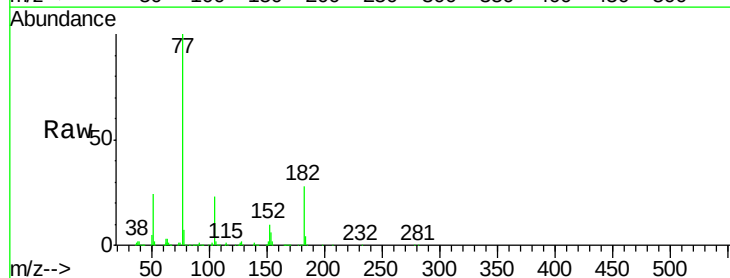
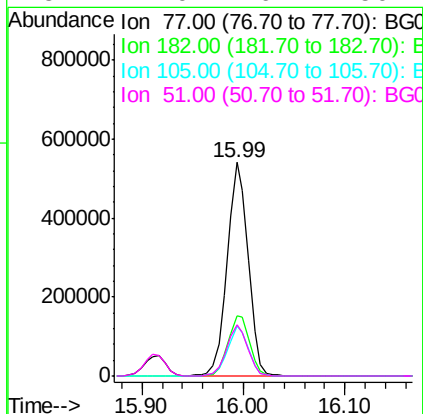
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

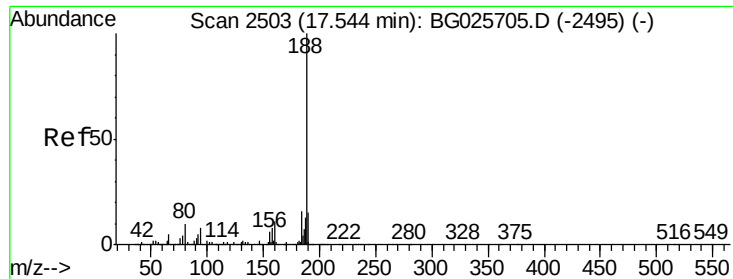
Tgt Ion:138 Resp: 208813
Ion Ratio Lower Upper
138 100
92 46.2 44.2 84.2
108 58.5 104.8 144.8#



#62
Azobenzene
Concen: 44.74 ng
RT: 15.99 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion: 77 Resp: 770433
Ion Ratio Lower Upper
77 100
182 28.2 4.7 44.7
105 23.4 0.0 36.3
51 24.0 16.4 56.4

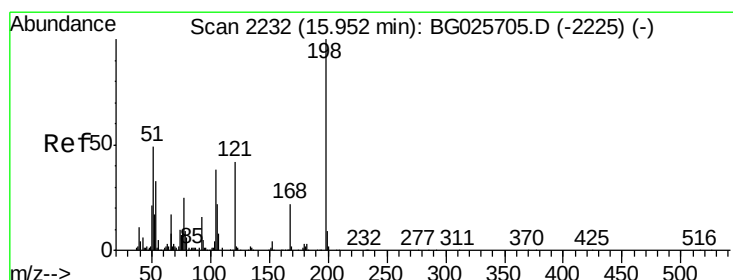
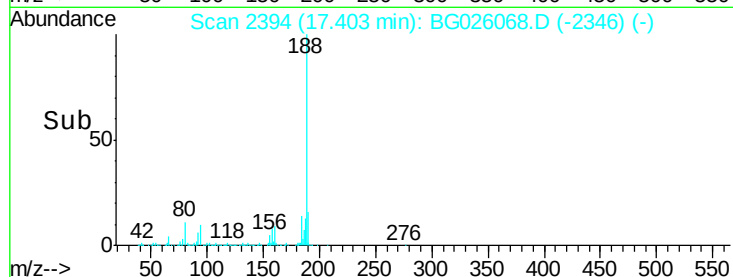
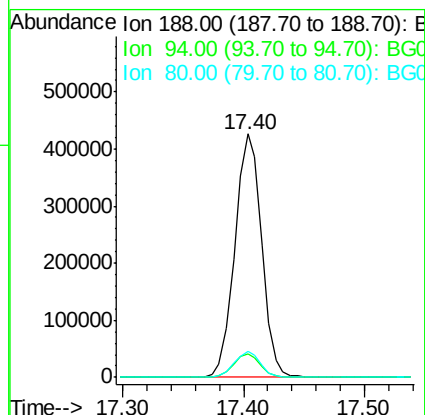
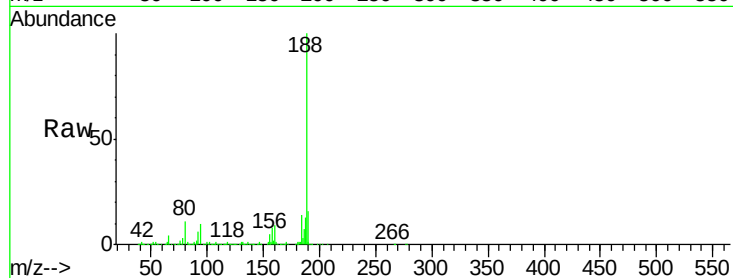




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

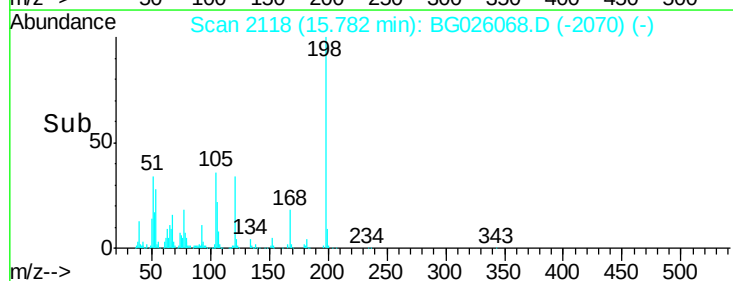
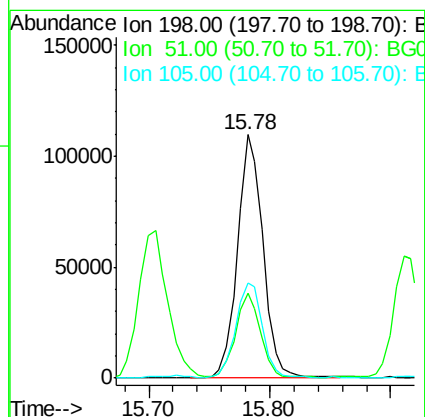
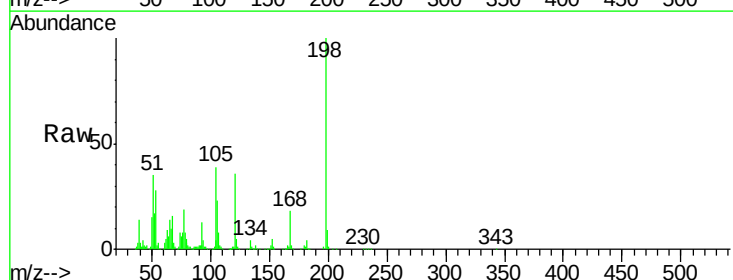
Instrument :
BNA_G
ClientSampled :
PB97313BSD

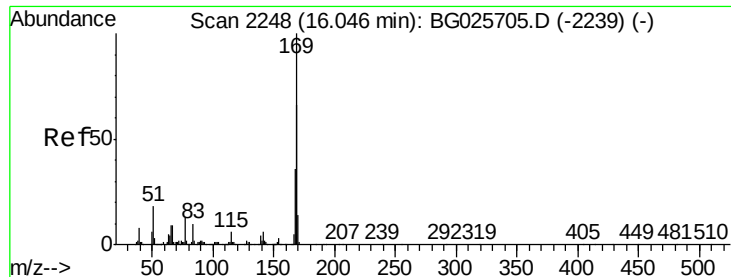
Tgt Ion:188 Resp: 657975
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 10.8 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 42.05 ng
RT: 15.78 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:198 Resp: 161924
Ion Ratio Lower Upper
198 100
51 34.7 22.6 62.6
105 39.1 14.4 54.4

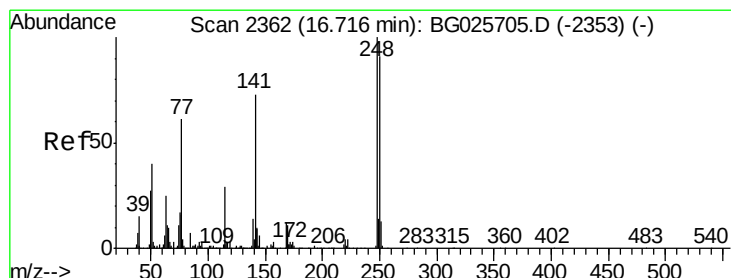
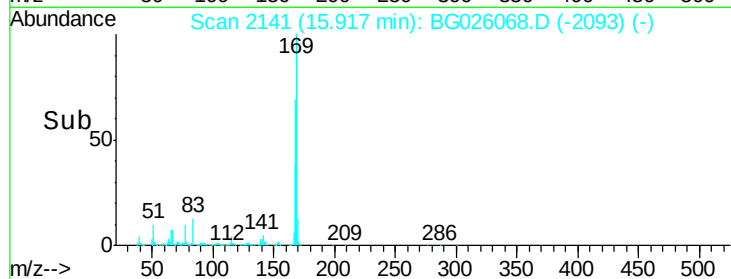
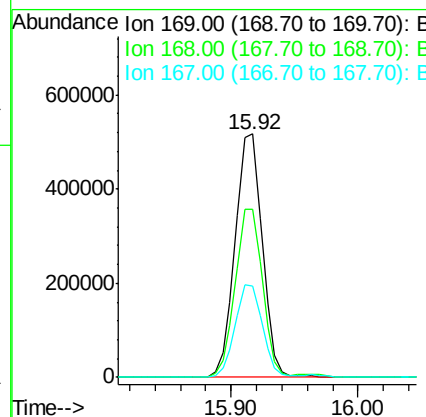
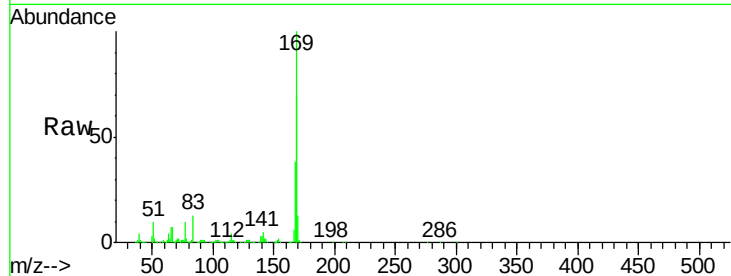




#65
n-Nitrosodiphenylamine
Concen: 38.25 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

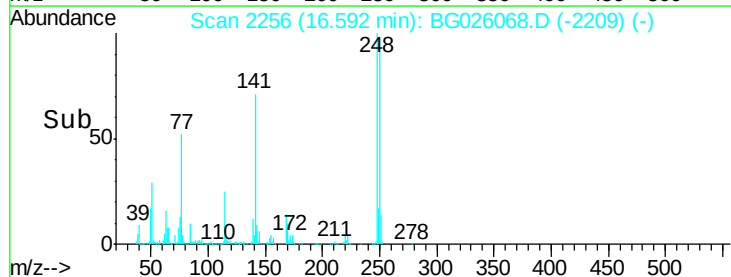
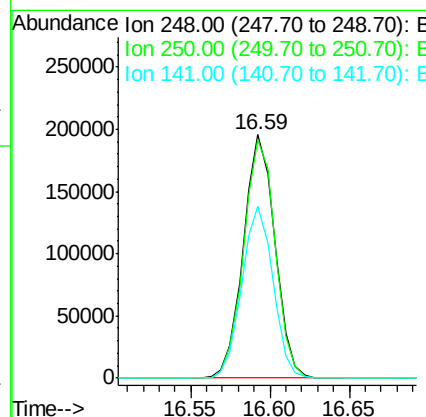
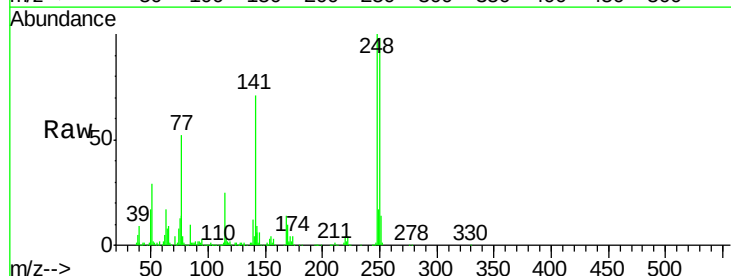
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

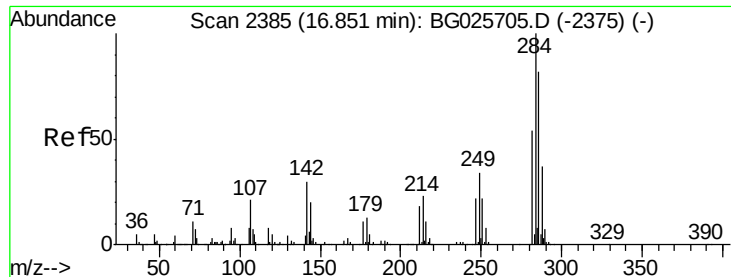
Tgt Ion:169 Resp: 763331
Ion Ratio Lower Upper
169 100
168 69.3 55.7 83.5
167 37.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.13 ng
RT: 16.59 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion:248 Resp: 269854
Ion Ratio Lower Upper
248 100
250 98.1 75.0 112.6
141 70.9 55.2 82.8





#67

Hexachlorobenzene

Concen: 40.16 ng

RT: 16.72 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

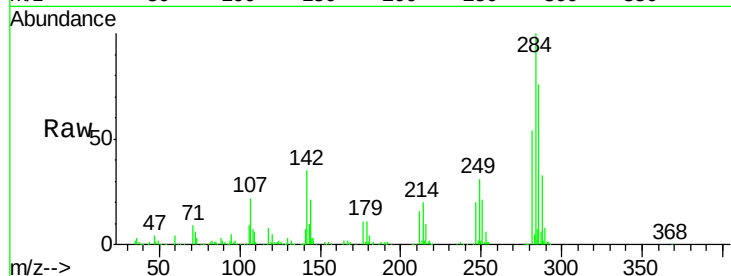
Tgt Ion:284 Resp: 285465

Ion Ratio Lower Upper

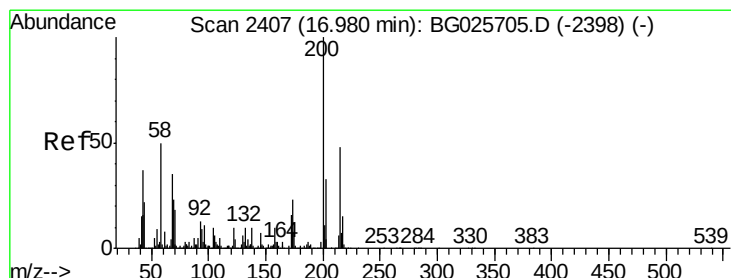
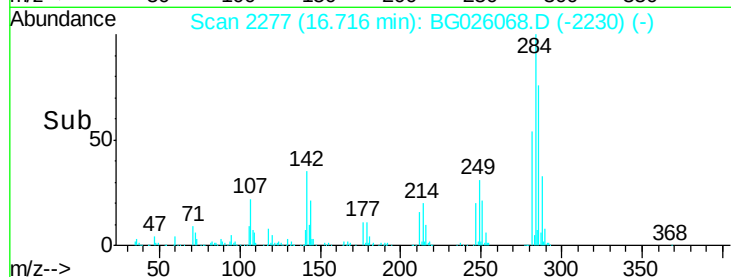
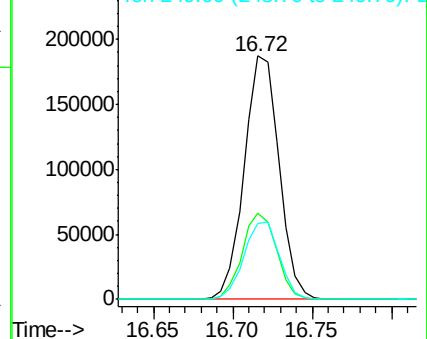
284 100

142 35.2 29.9 44.9

249 31.3 29.2 43.8



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: 42.09 ng

RT: 16.86 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

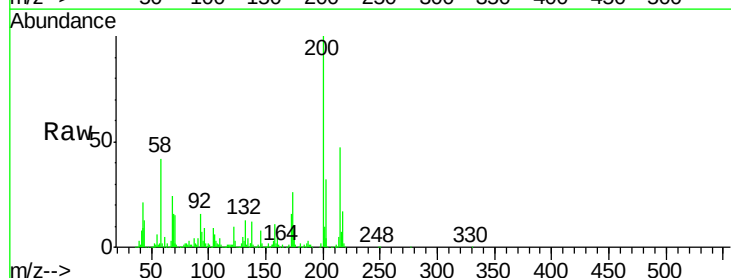
Tgt Ion:200 Resp: 297270

Ion Ratio Lower Upper

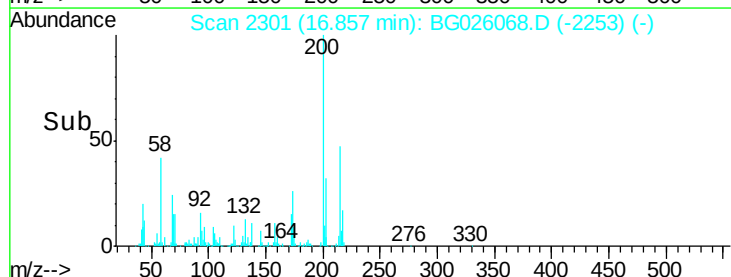
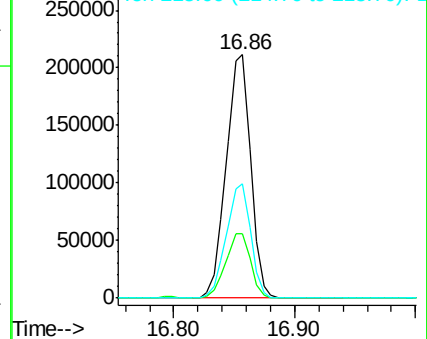
200 100

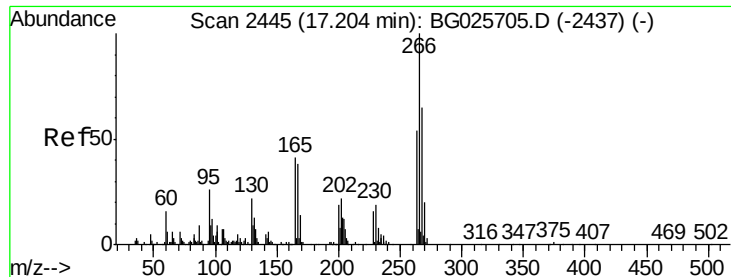
173 26.5 3.0 43.0

215 47.0 28.4 68.4



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: 82.91 ng

RT: 17.06 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

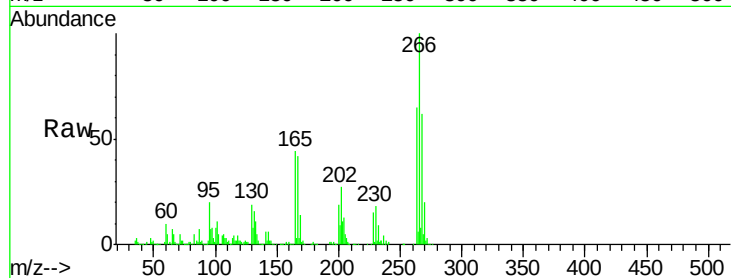
Tgt Ion:266 Resp: 363488

Ion Ratio Lower Upper

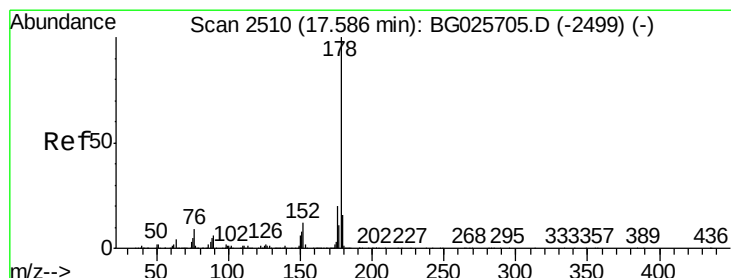
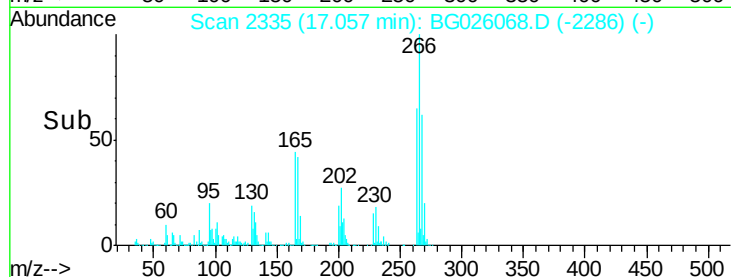
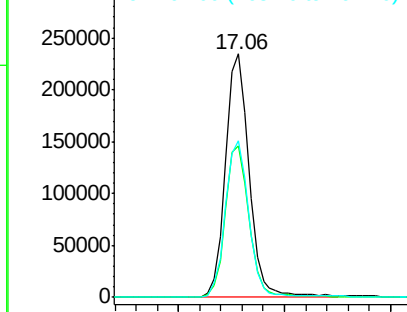
266 100

268 62.0 48.6 72.8

264 64.5 50.1 75.1



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: 38.51 ng

RT: 17.44 min Scan# 2401

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

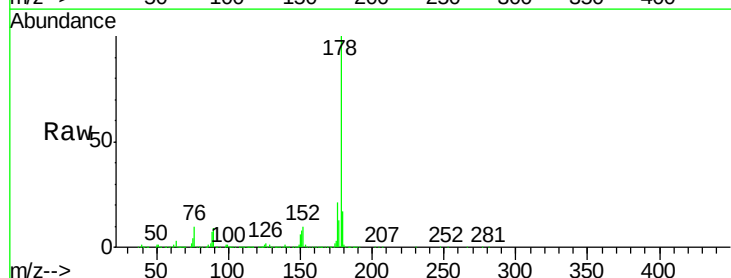
Tgt Ion:178 Resp: 1375673

Ion Ratio Lower Upper

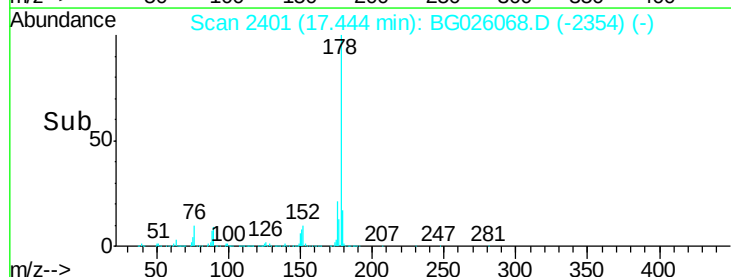
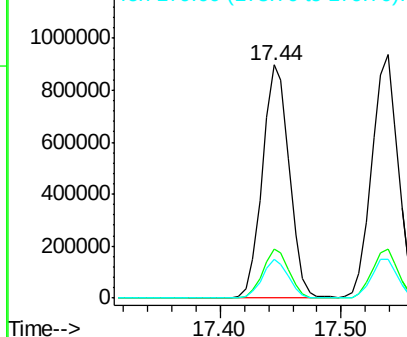
178 100

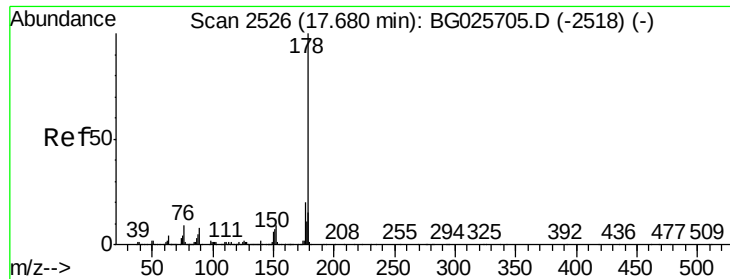
176 21.1 17.7 26.5

179 16.7 15.0 22.6



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

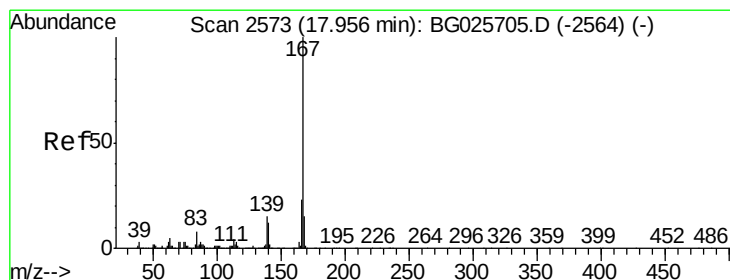
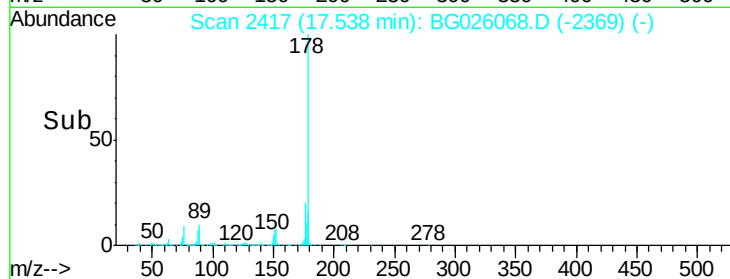
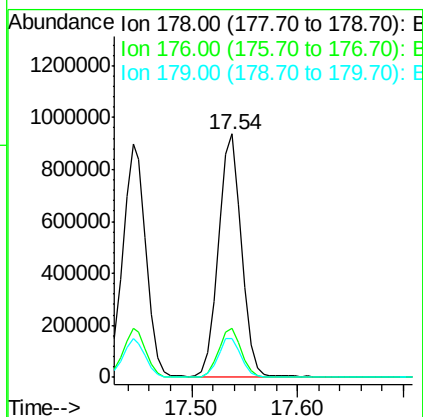
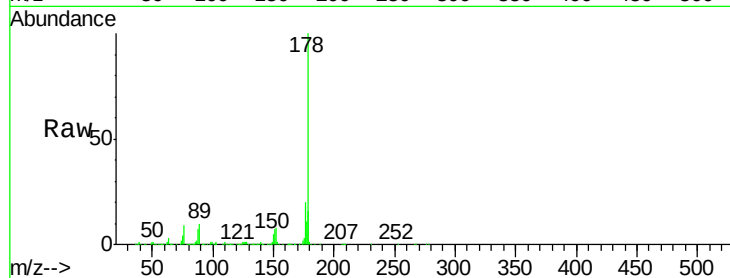




#71
 Anthracene
 Concen: 38.96 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

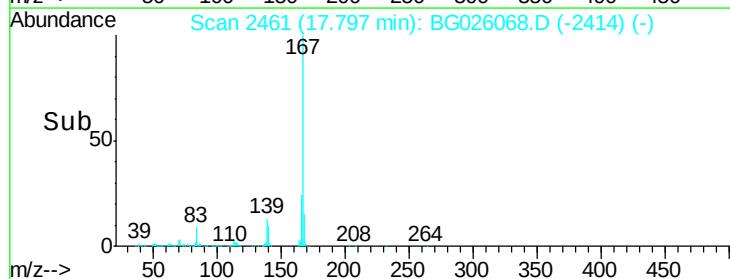
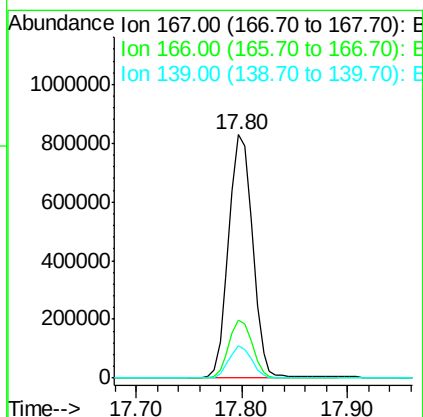
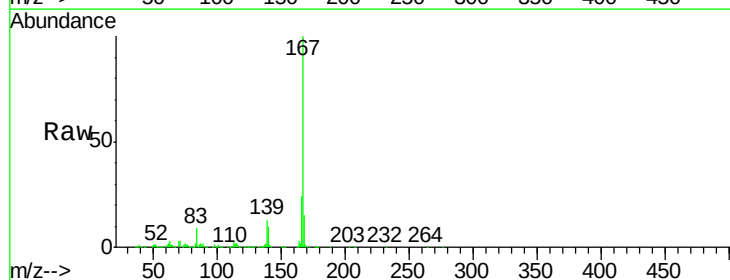
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

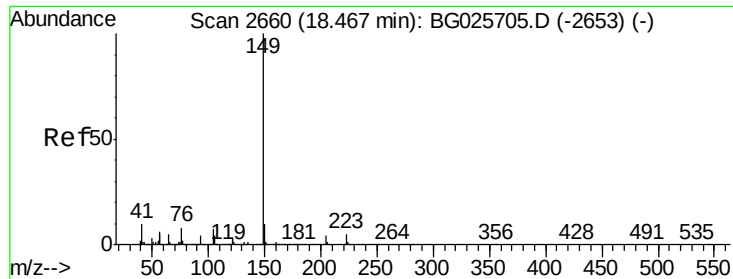
Tgt Ion:178 Resp: 1418705
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.4 24.6
 179 16.1 13.8 20.8



#72
 Carbazole
 Concen: 35.84 ng
 RT: 17.80 min Scan# 2461
 Delta R.T. -0.02 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:167 Resp: 1311268
 Ion Ratio Lower Upper
 167 100
 166 24.1 20.2 30.2
 139 13.2 12.8 19.2





#73

Di-n-butylphthalate

Concen: 45.92 ng

RT: 18.36 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

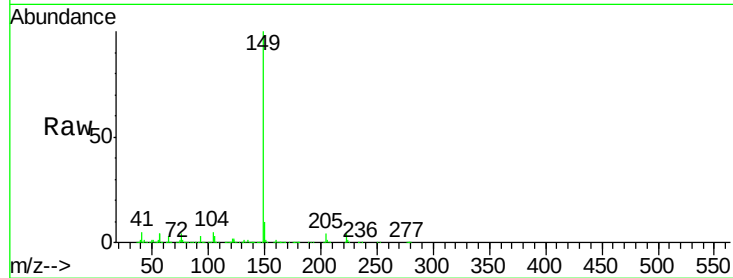
Tgt Ion:149 Resp: 1649079

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

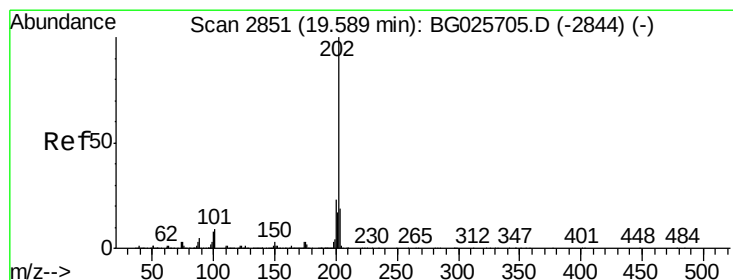
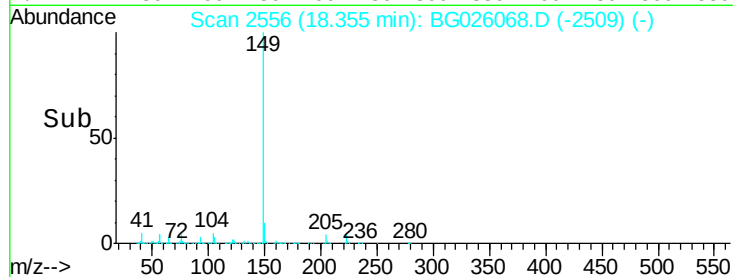
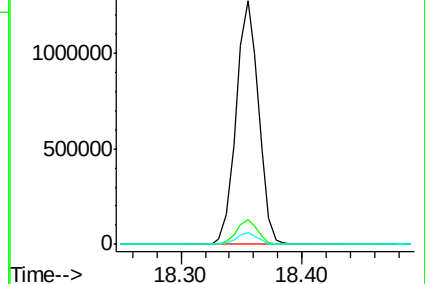
104 4.8 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.11 ng

RT: 19.44 min Scan# 2741

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

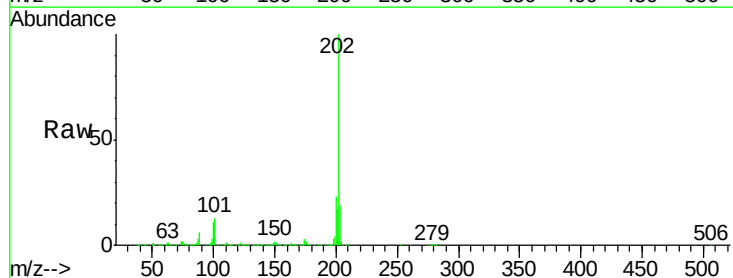
Tgt Ion:202 Resp: 1656091

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.1

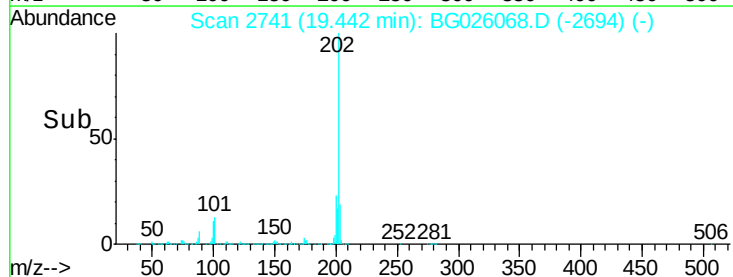
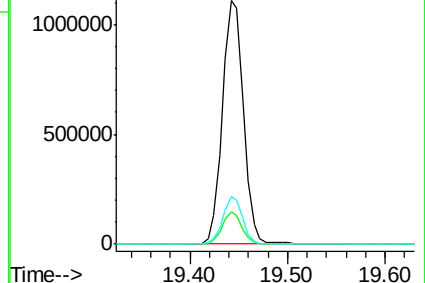
203 19.4 1.3 41.3

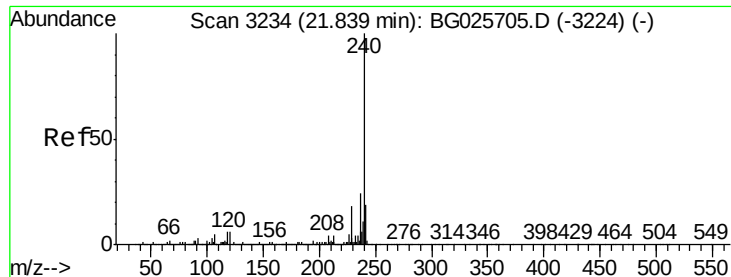


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.03 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

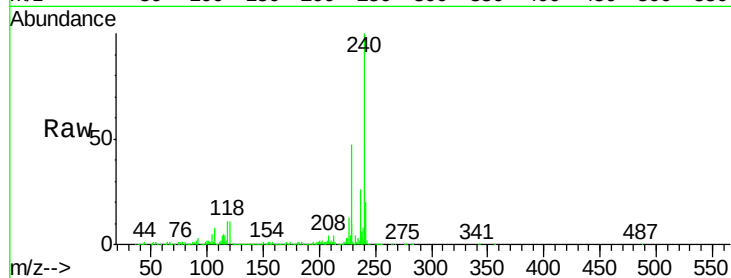
Tgt Ion:240 Resp: 710556

Ion Ratio Lower Upper

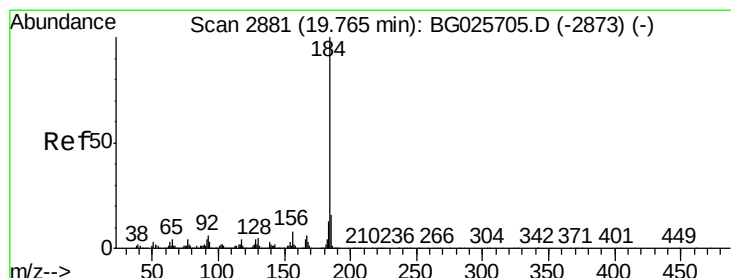
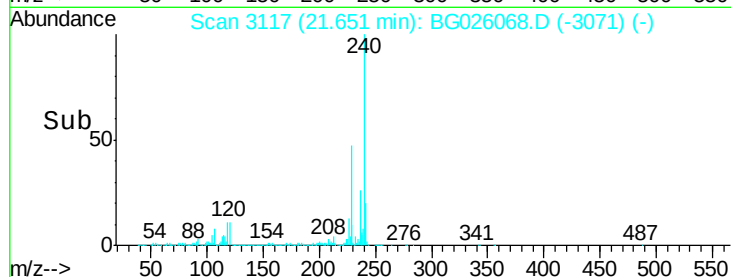
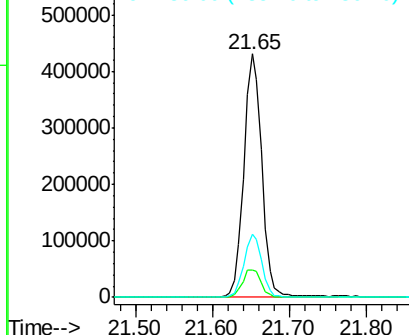
240 100

120 11.5 5.7 8.5#

236 26.2 22.2 33.4



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: 20.17 ng

RT: 19.61 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

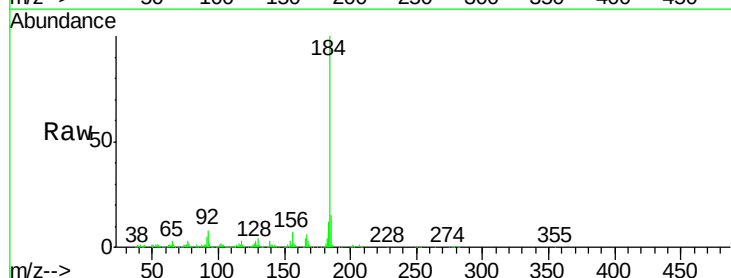
Tgt Ion:184 Resp: 452339

Ion Ratio Lower Upper

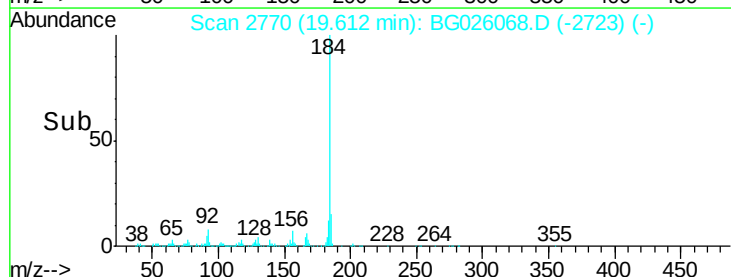
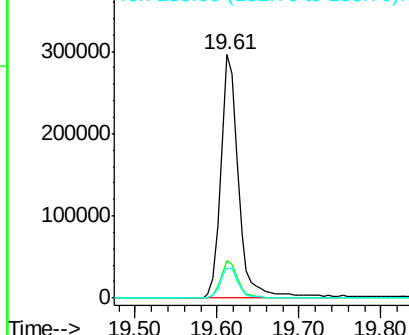
184 100

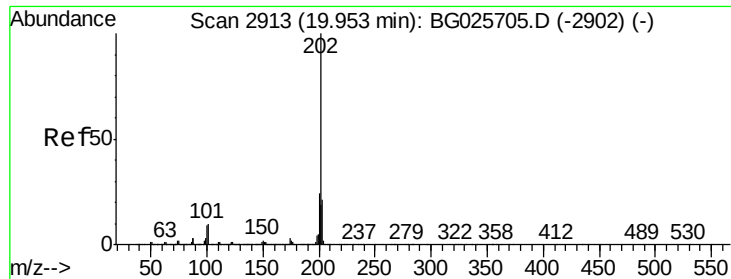
185 15.2 13.0 19.6

183 12.4 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.26 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

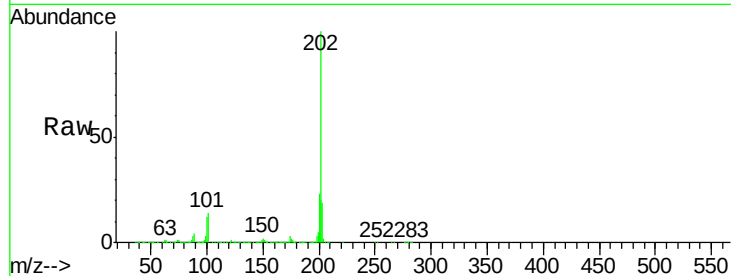
BNA_G

ClientSampleId :

PB97313BSD

Tgt Ion:202 Resp: 1674627

Ion	Ratio	Lower	Upper
202	100		
200	23.1	19.6	29.4
203	18.8	15.8	23.8

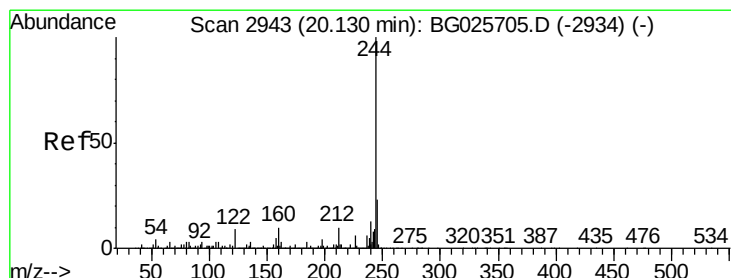
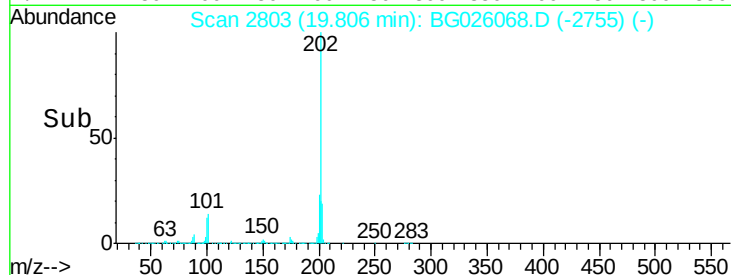
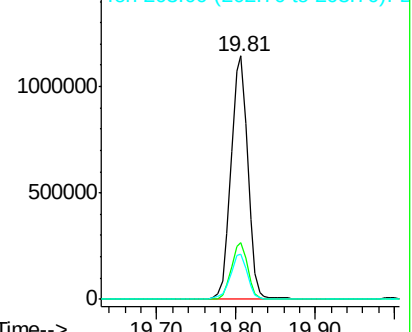


Abundance

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: 73.49 ng

RT: 20.00 min Scan# 2836

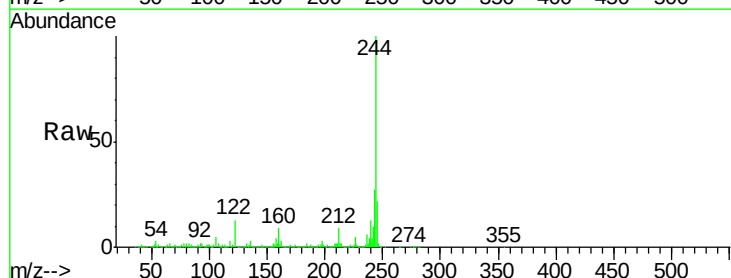
Delta R.T. -0.02 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Tgt Ion:244 Resp: 2146919

Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	13.3	8.6	12.8#

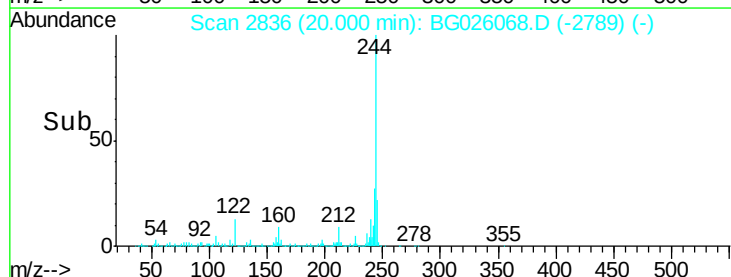
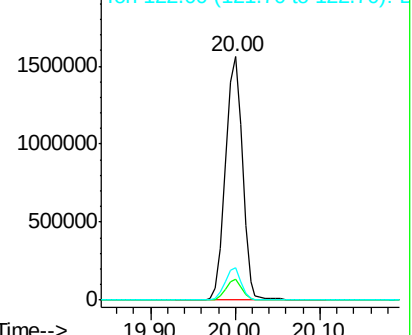


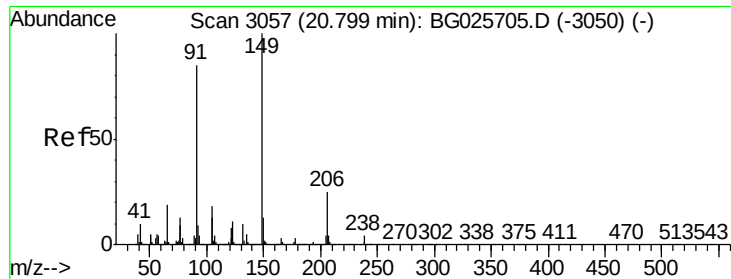
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

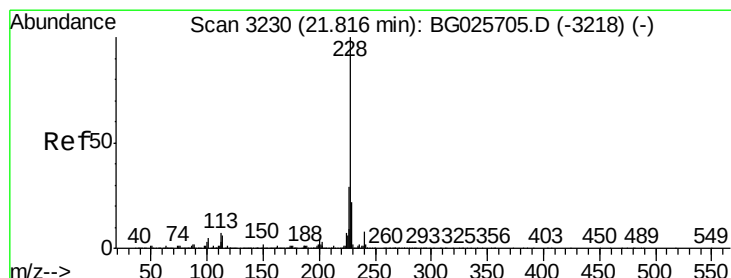
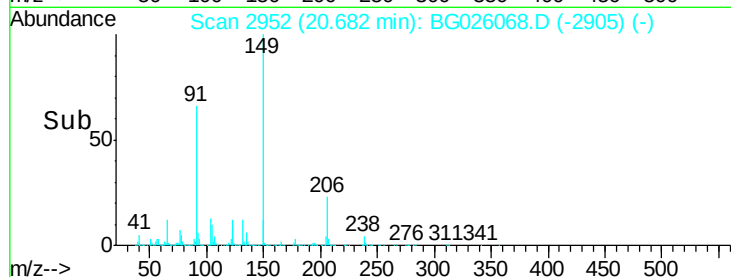
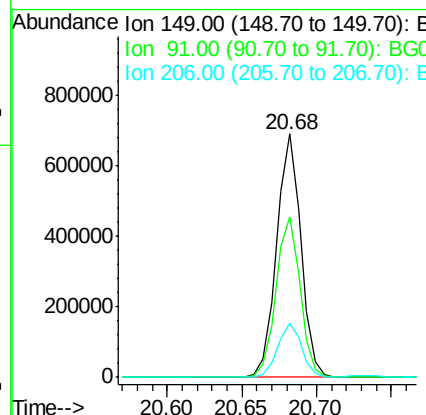
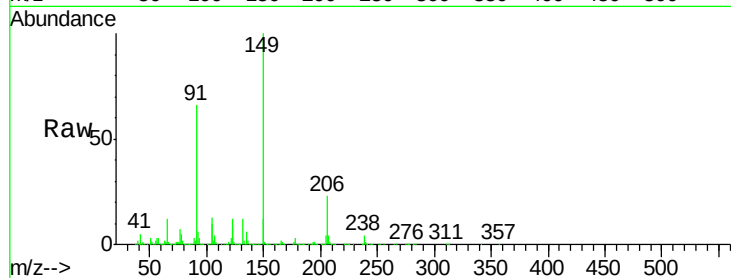




#79
Butylbenzylphthalate
Concen: 45.52 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

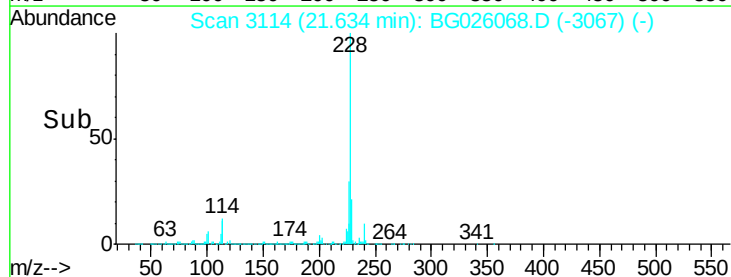
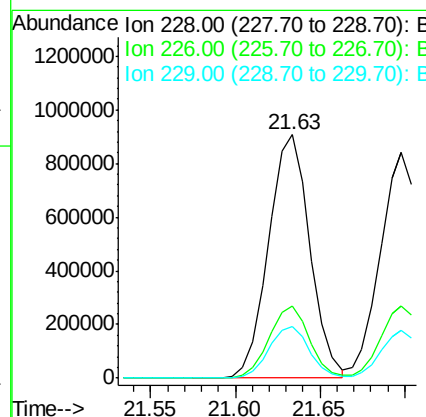
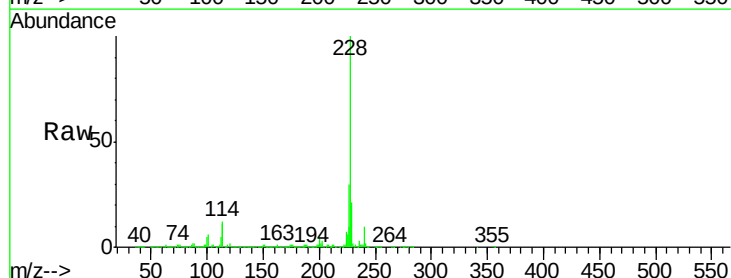
Instrument :
BNA_G
ClientSampleId :
PB97313BSD

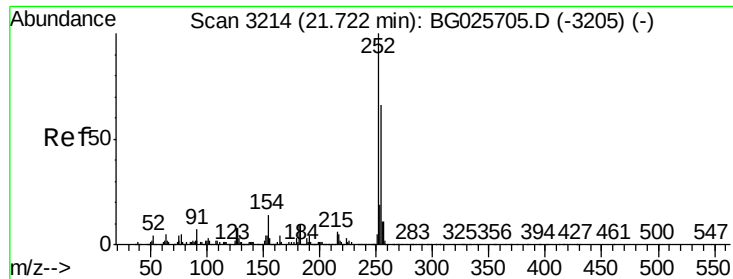
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.8	63.5	95.3
206	22.5	21.0	31.6



#80
Benzo(a)anthracene
Concen: 37.05 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026068.D
Acq: 3 Mar 2017 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.3	18.2	27.2

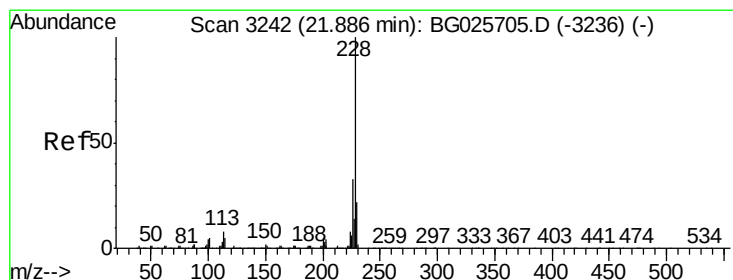
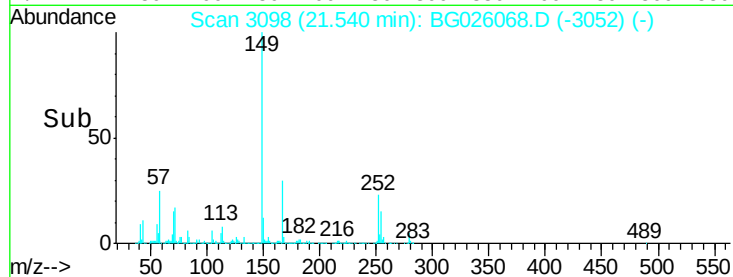
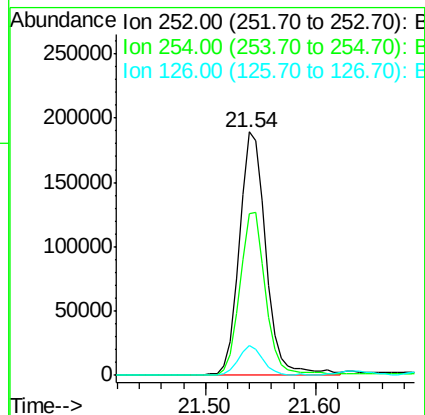
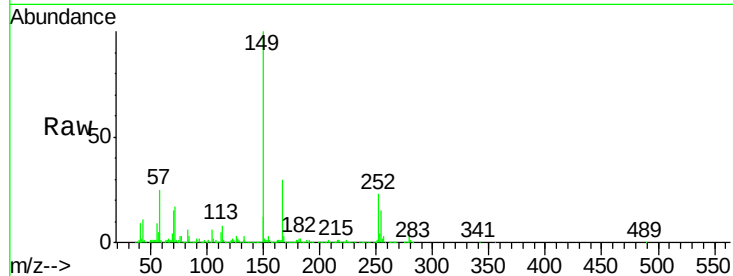




#81
 3,3'-Dichlorobenzidine
 Concen: 21.42 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

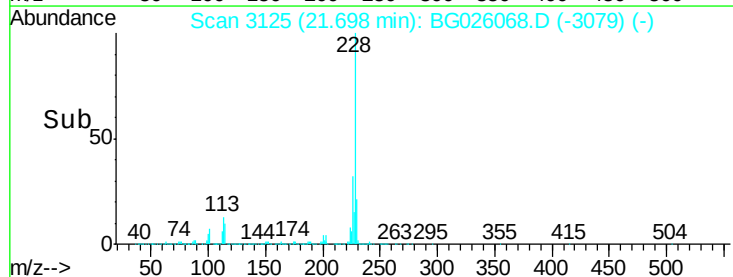
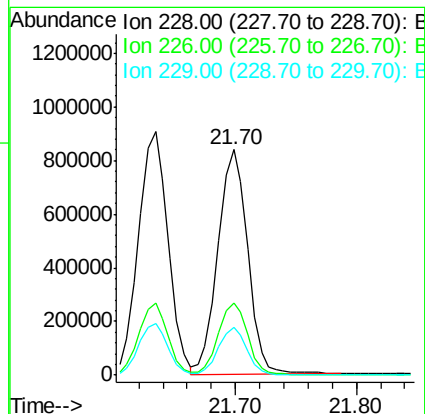
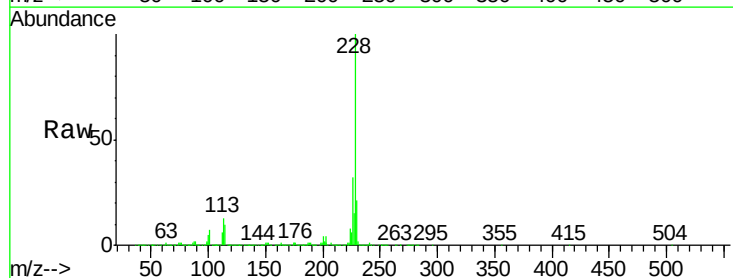
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

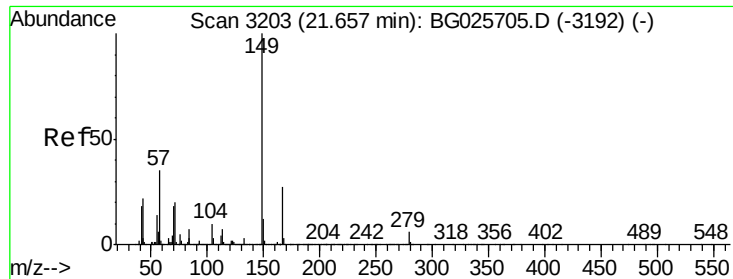
Tgt Ion: 252 Resp: 316834
 Ion Ratio Lower Upper
 252 100
 254 66.7 53.1 79.7
 126 12.1 7.0 10.4#



#82
 Chrysene
 Concen: 35.52 ng
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.03 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion: 228 Resp: 1416911
 Ion Ratio Lower Upper
 228 100
 226 32.1 27.0 40.4
 229 21.2 17.8 26.6

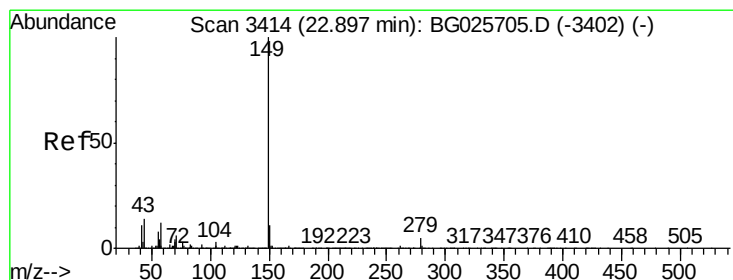
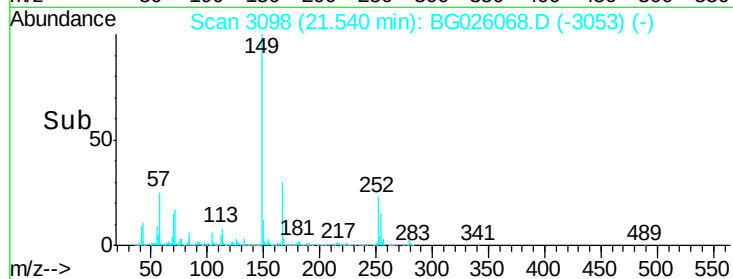
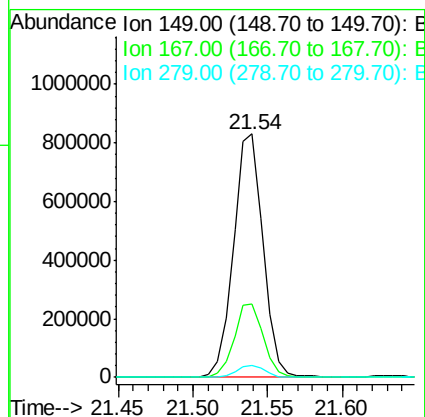
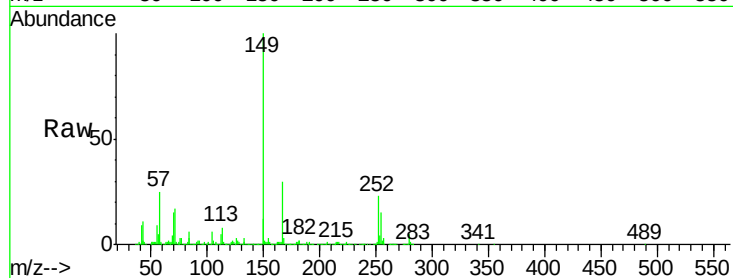




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.54 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

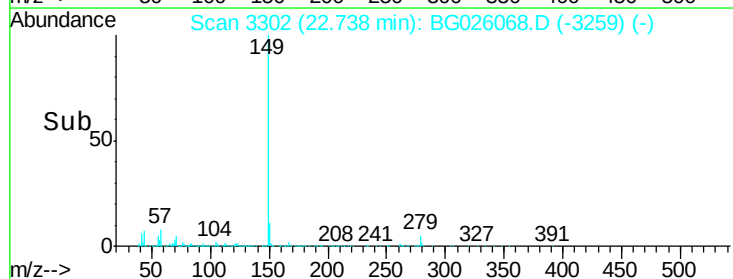
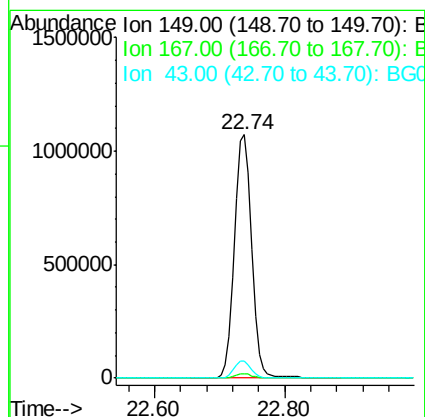
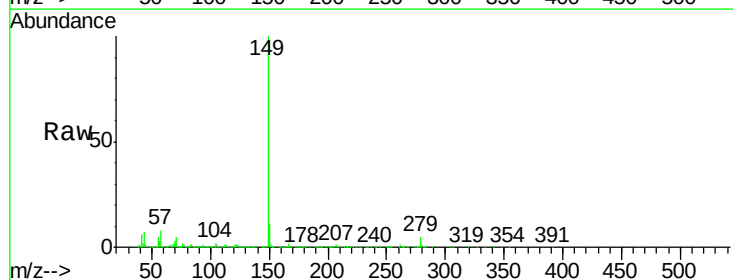
Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

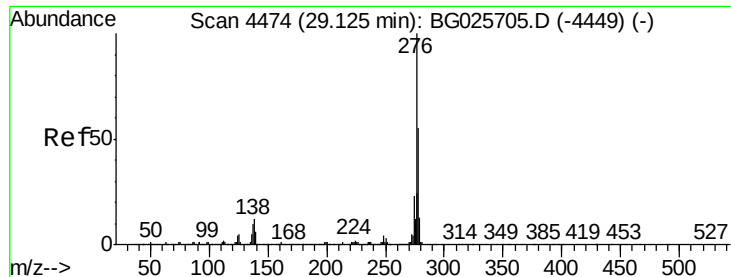
Tgt Ion:149 Resp: 1145949
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 5.1 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 48.55 ng
 RT: 22.74 min Scan# 3302
 Delta R.T. -0.04 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:149 Resp: 1974259
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 6.9 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.30 ng

RT: 28.48 min Scan# 4279

Delta R.T. -0.07 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

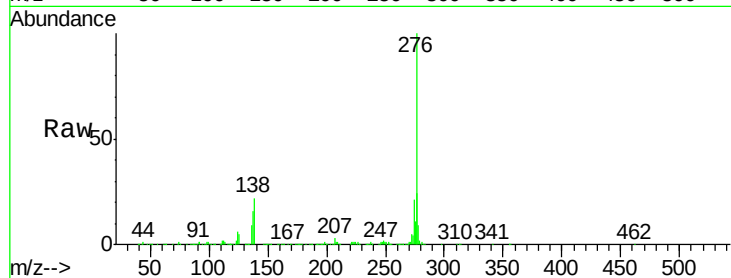
Tgt Ion:276 Resp: 1611654

Ion Ratio Lower Upper

276 100

138 27.0 4.7 7.1#

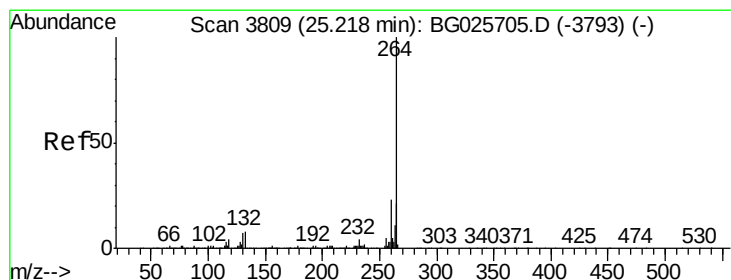
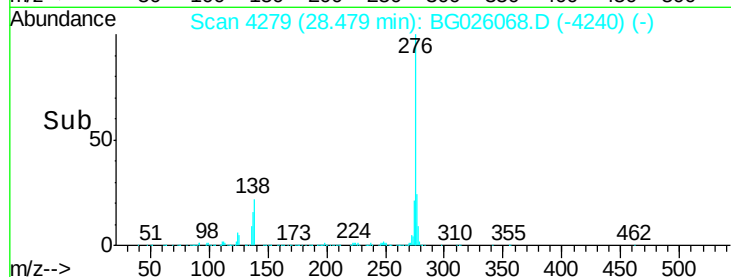
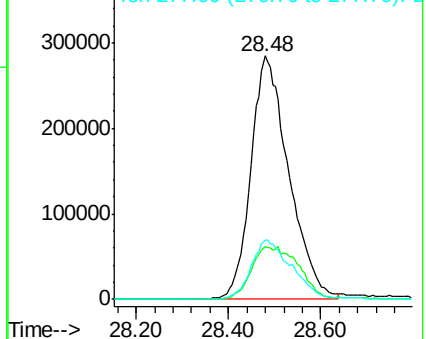
277 26.1 20.6 31.0



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: 24.85 min Scan# 3661

Delta R.T. -0.04 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

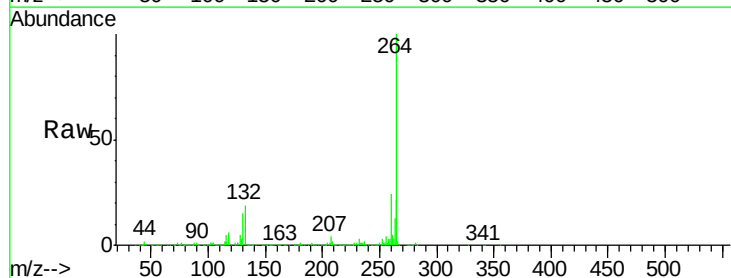
Tgt Ion:264 Resp: 673118

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

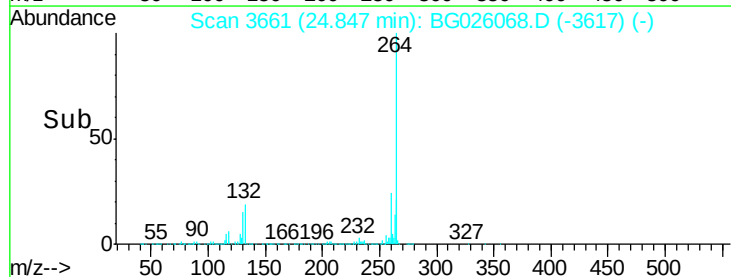
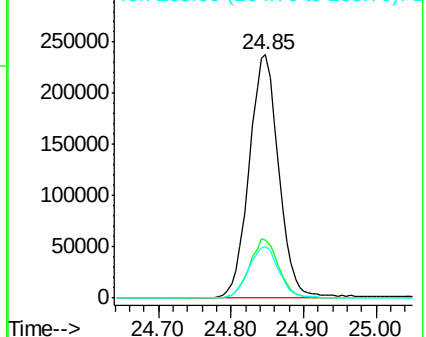
265 21.0 18.2 27.4

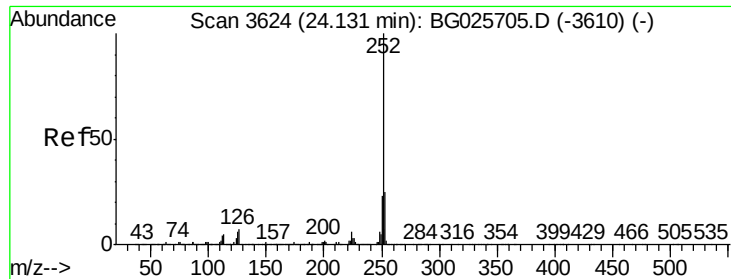


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.04 ng

RT: 23.83 min Scan# 3488

Delta R.T. -0.04 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

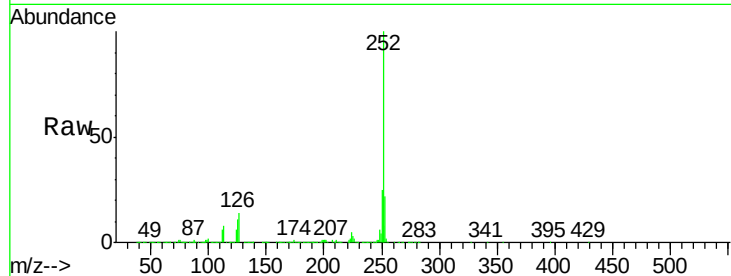
Tgt Ion:252 Resp: 1573847

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

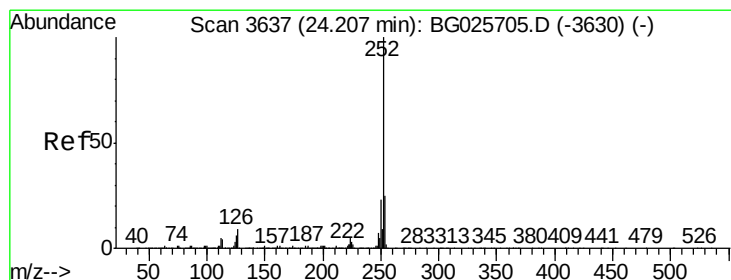
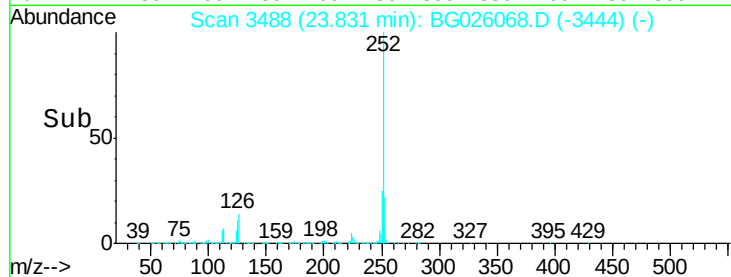
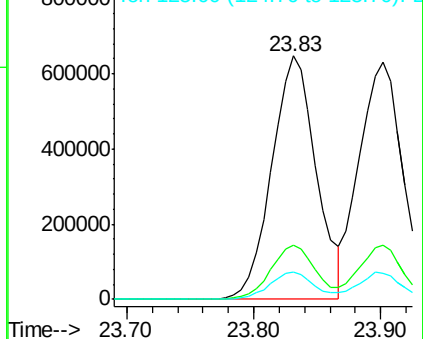
125 11.3 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.46 ng

RT: 23.90 min Scan# 3500

Delta R.T. -0.04 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

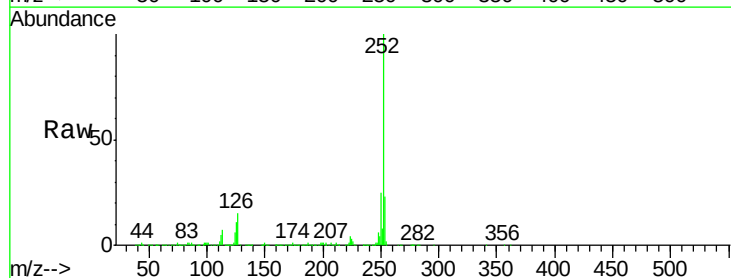
Tgt Ion:252 Resp: 1512664

Ion Ratio Lower Upper

252 100

253 22.7 20.2 30.2

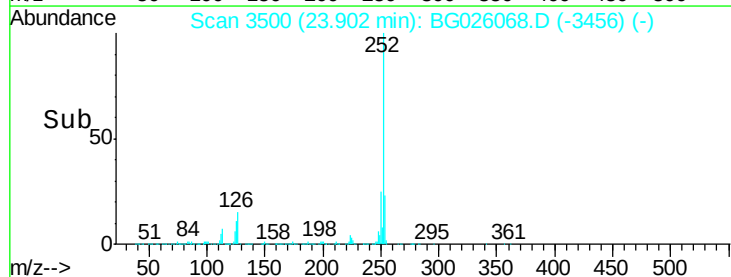
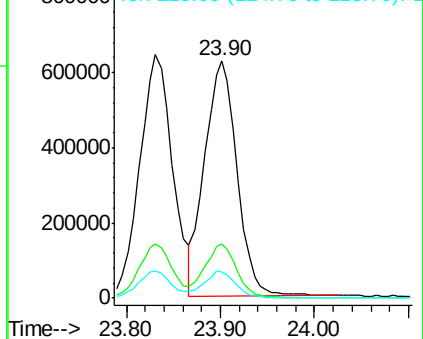
125 11.1 5.1 7.7#

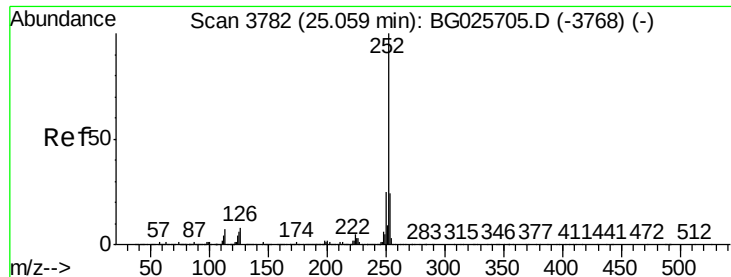


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.22 ng

RT: 24.69 min Scan# 3635

Delta R.T. -0.04 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_G

ClientSampleId :

PB97313BSD

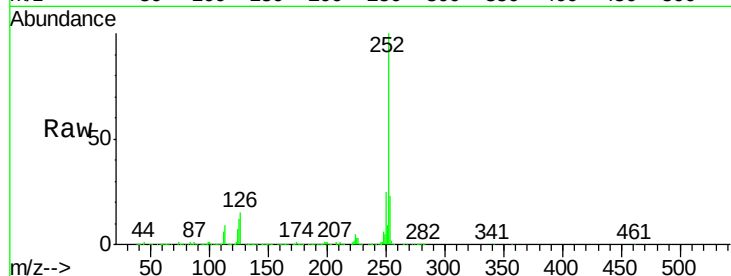
Tgt Ion:252 Resp: 1459097

Ion Ratio Lower Upper

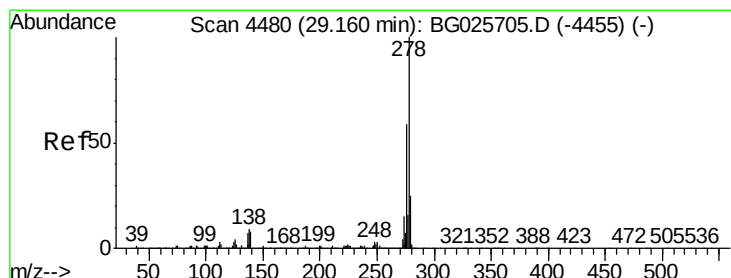
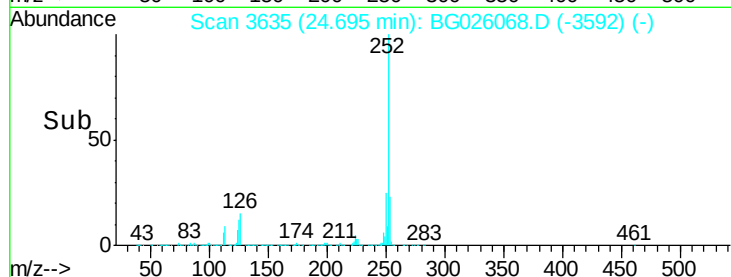
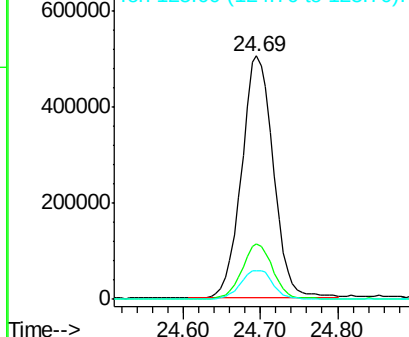
252 100

253 22.9 19.2 28.8

125 12.0 5.4 8.0#



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: 33.86 ng

RT: 28.54 min Scan# 4290

Delta R.T. -0.07 min

Lab File: BG026068.D

Acq: 3 Mar 2017 17:49

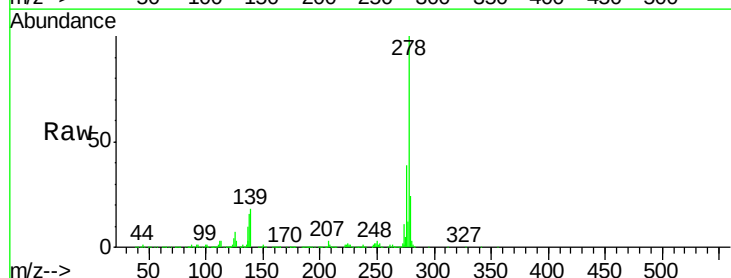
Tgt Ion:278 Resp: 1298590

Ion Ratio Lower Upper

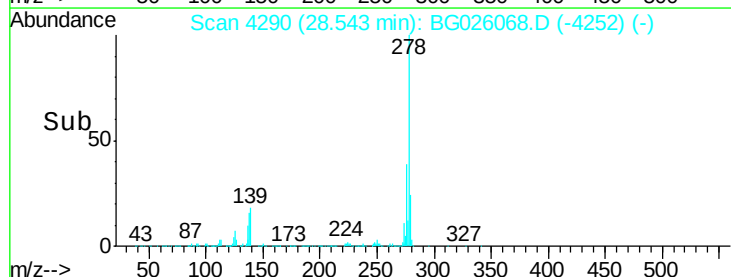
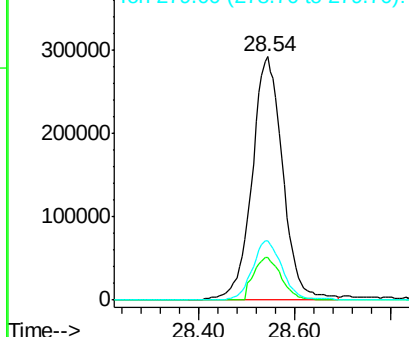
278 100

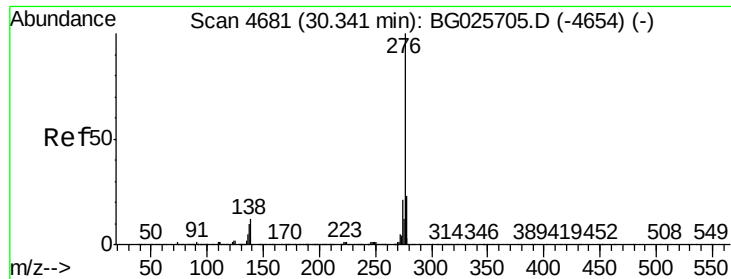
139 17.7 7.7 11.5#

279 24.3 19.1 28.7



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

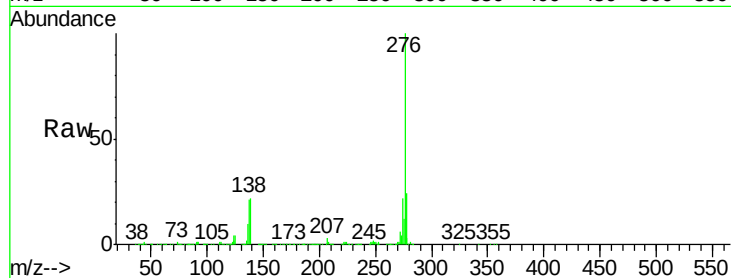




#91
 Benzo(g,h,i)perylene
 Concen: 36.30 ng
 RT: 29.62 min Scan# 4474
 Delta R.T. -0.07 min
 Lab File: BG026068.D
 Acq: 3 Mar 2017 17:49

Instrument :
 BNA_G
 ClientSampleId :
 PB97313BSD

Tgt Ion: 276 Resp: 1395629
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 22.4 8.1 12.1#



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

