

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020029.D
 Acq On : 9 Dec 2015 5:32
 Operator : UM/SJ
 Sample : PB87147BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

Quant Time: Dec 09 07:13:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17478	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	79304	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56470	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	140008	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	172515	20.00	ng	-0.04
86) Perylene-d12	25.04	264	164687	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	131334	135.81	ng	-0.01
7) Phenol-d6	7.26	99	194286	133.06	ng	-0.01
23) Nitrobenzene-d5	9.28	82	124275	79.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	99871	115.59	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	313567	75.82	ng	-0.02
78) Terphenyl-d14	20.08	244	555650	78.56	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	12165	32.29	ng	# 100
3) Pyridine	3.92	79	40693	35.57	ng	# 89
4) n-Nitrosodimethylamine	3.84	42	20910	34.75	ng	# 83
6) Aniline	7.43	93	41988	22.21	ng	# 86
8) 2-Chlorophenol	7.67	128	51955	44.06	ng	# 95
9) Benzaldehyde	7.24	77	34133	35.06	ng	# 91
10) Phenol	7.29	94	70735	46.03	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	45641	40.10	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	52433	39.23	ng	# 93
13) 1,4-Dichlorobenzene	8.15	146	53503	38.76	ng	# 94
14) 1,2-Dichlorobenzene	8.47	146	51693	39.26	ng	# 92
15) Benzyl Alcohol	8.34	79	55334	43.19	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	67700	36.47	ng	# 94
17) 2-Methylphenol	8.55	107	48421	44.63	ng	# 91
18) Hexachloroethane	9.20	117	19503	37.73	ng	# 93
19) n-Nitroso-di-n-propylamine	8.91	70	42451	36.87	ng	# 89
20) 3+4-Methylphenols	8.87	107	67224	44.01	ng	# 93
22) Acetophenone	8.94	105	80670	37.11	ng	# 94
24) Nitrobenzene	9.32	77	66868	39.67	ng	# 91
25) Isophorone	9.84	82	119475	35.86	ng	# 96
26) 2-Nitrophenol	10.04	139	29344	45.08	ng	# 75
27) 2,4-Dimethylphenol	10.09	122	56722	41.84	ng	# 90
28) bis(2-Chloroethoxy)methane	10.32	93	66669	40.95	ng	# 97
29) 2,4-Dichlorophenol	10.57	162	61438	44.36	ng	# 95
30) 1,2,4-Trichlorobenzene	10.79	180	60290	38.52	ng	# 94
31) Naphthalene	10.98	128	167881	39.52	ng	# 99
32) Benzoic acid	10.21	122	37983	42.38	ng	# 91
33) 4-Chloroaniline	11.08	127	24247	12.95	ng	# 91
34) Hexachlorobutadiene	11.26	225	42162	36.52	ng	# 94
35) Caprolactam	11.86	113	20680	40.11	ng	# 78
36) 4-Chloro-3-methylphenol	12.20	107	69927	40.54	ng	# 94
37) 2-Methylnaphthalene	12.58	142	126958	40.78	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	84610	39.48	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	86118	70.48	ng	# 100

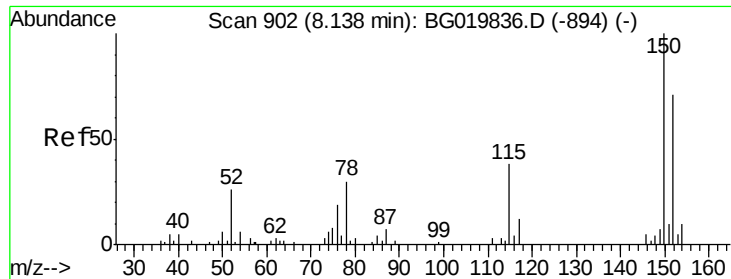
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57513	40.54	ng	98
43) 2,4,5-Trichlorophenol	13.25	196	63815	42.56	ng	96
45) 1,1'-Biphenyl	13.58	154	175453	37.86	ng	98
46) 2-Chloronaphthalene	13.62	162	139487	39.05	ng	96
47) 2-Nitroaniline	13.82	65	48947	43.38	ng	89
48) Acenaphthylene	14.47	152	233296	38.34	ng	99
49) Dimethylphthalate	14.19	163	187986	37.01	ng	98
50) 2,6-Dinitrotoluene	14.31	165	40686	42.60	ng	# 79
51) Acenaphthene	14.81	154	152508	41.31	ng	99
52) 3-Nitroaniline	14.64	138	27163	27.38	ng	100
53) 2,4-Dinitrophenol	14.84	184	27714	57.48	ng	# 86
54) Dibenzofuran	15.13	168	236373	43.04	ng	92
55) 4-Nitrophenol	14.94	139	65279	75.54	ng	# 70
56) 2,4-Dinitrotoluene	15.09	165	58978	44.26	ng	94
57) Fluorene	15.79	166	187846	38.21	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	62643	45.14	ng	# 95
59) Diethylphthalate	15.55	149	195800	35.62	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	106984	37.90	ng	97
61) 4-Nitroaniline	15.80	138	42970	38.50	ng	# 80
62) Azobenzene	16.07	77	181917	39.77	ng	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	28554	37.79	ng	93
65) n-Nitrosodiphenylamine	15.99	169	167312	41.30	ng	95
66) 4-Bromophenyl-phenylether	16.67	248	69895	40.18	ng	98
67) Hexachlorobenzene	16.79	284	75870	41.86	ng	99
68) Atrazine	16.93	200	69494	39.48	ng	97
69) Pentachlorophenol	17.13	266	88960	84.10	ng	94
70) Phenanthrene	17.53	178	321340	40.57	ng	97
71) Anthracene	17.61	178	325414	40.33	ng	97
72) Carbazole	17.88	167	282236	39.71	ng	97
73) Di-n-butylphthalate	18.43	149	337909	38.79	ng	99
74) Fluoranthene	19.52	202	406328	40.10	ng	93
76) Benzidine	19.70	184	111384	19.66	ng	98
77) Pyrene	19.89	202	415162	40.91	ng	95
79) Butylbenzylphthalate	20.76	149	158667	39.89	ng	98
80) Benzo(a)anthracene	21.74	228	423997	40.15	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	84278	20.96	ng	# 97
82) Chrysene	21.80	228	384504	38.35	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	229690	39.34	ng	98
84) Di-n-octyl phthalate	22.87	149	397372	41.87	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	465670	42.16	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	416547	39.91	ng	# 93
88) Benzo(k)fluoranthene	24.06	252	403073	38.99	ng	# 94
89) Benzo(a)pyrene	24.88	252	402339	40.60	ng	# 95
90) Dibenzo(a,h)anthracene	28.84	278	385704	39.40	ng	# 94
91) Benzo(g,h,i)perylene	29.96	276	374613	38.97	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

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Acq: 9 Dec 2015 5:32

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PB87147BS

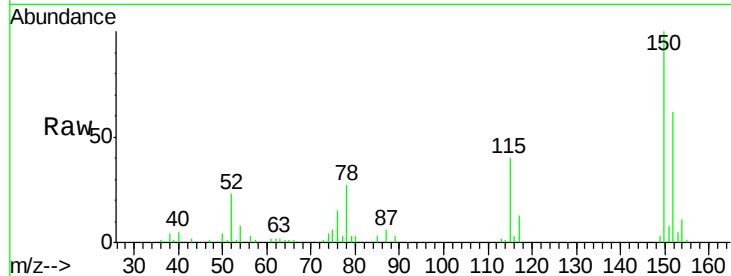
Tgt Ion:152 Resp: 17478

Ion Ratio Lower Upper

152 100

150 162.0 115.0 172.4

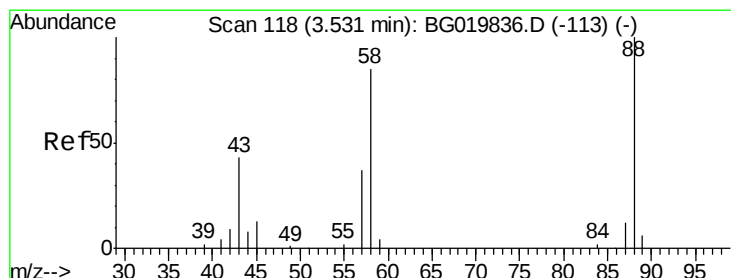
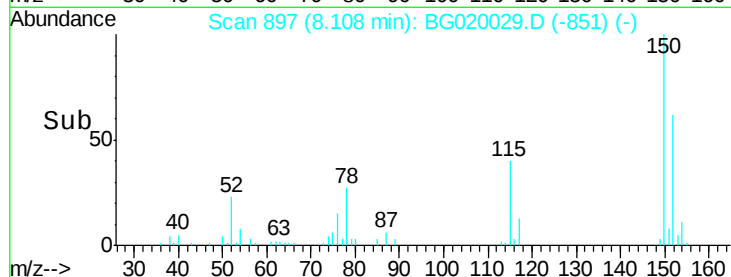
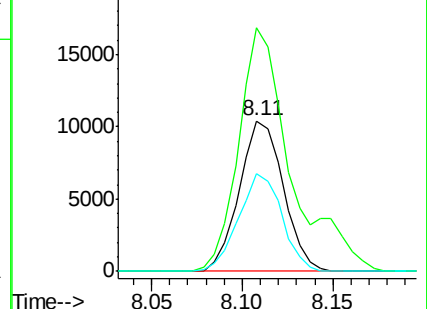
115 65.4 43.9 65.9



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: 32.29 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

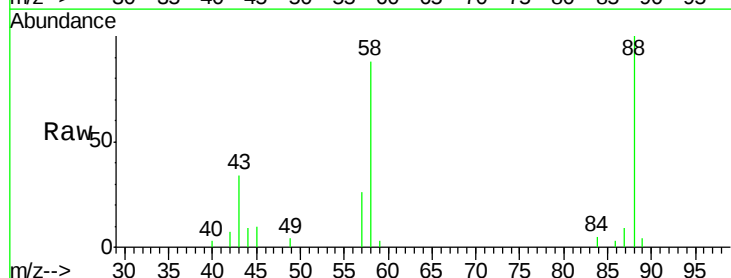
Tgt Ion: 88 Resp: 12165

Ion Ratio Lower Upper

88 100

58 91.1 0.0 0.0#

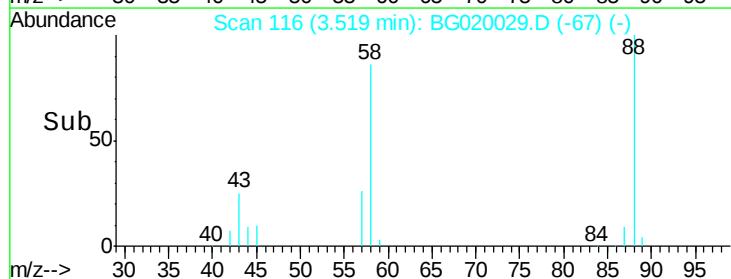
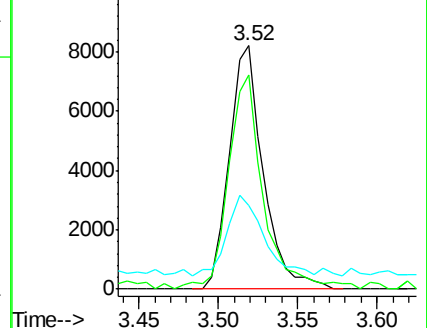
43 35.6 0.0 0.0#



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: 35.57 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

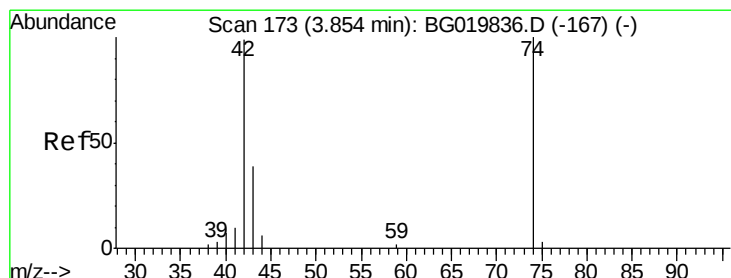
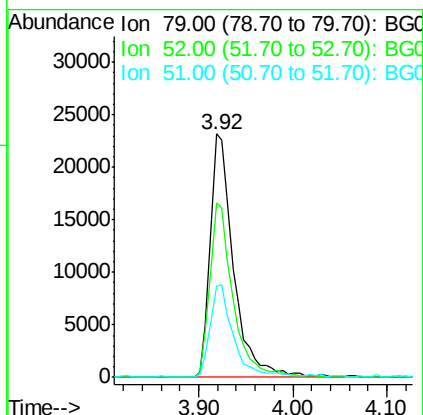
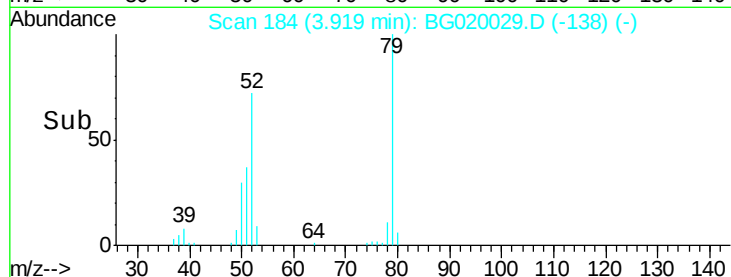
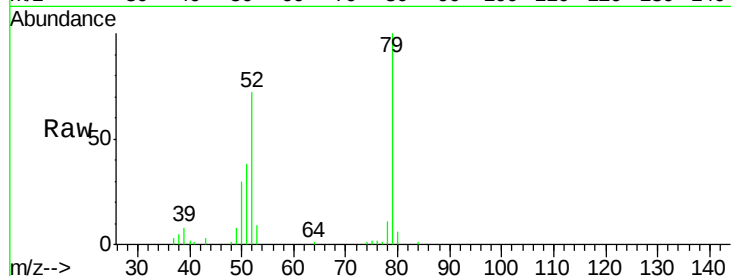
Tgt Ion: 79 Resp: 40693

Ion Ratio Lower Upper

79 100

52 71.6 50.3 75.5

51 37.5 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 34.75 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

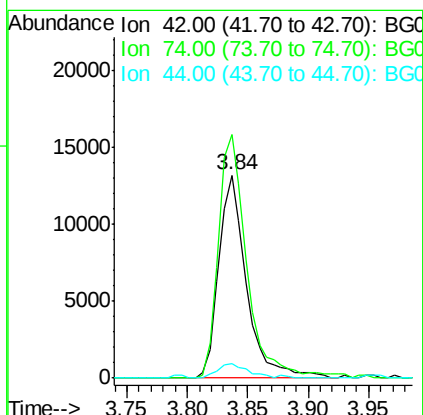
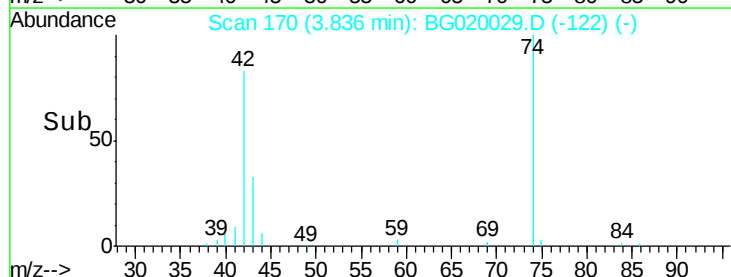
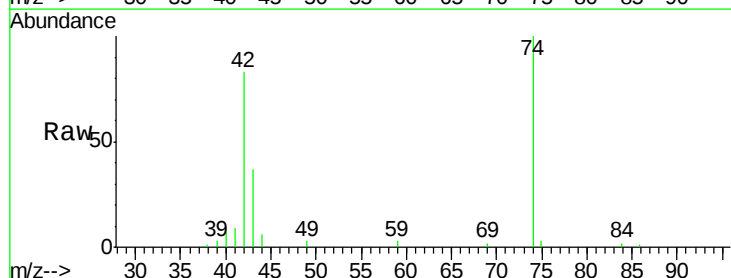
Tgt Ion: 42 Resp: 20910

Ion Ratio Lower Upper

42 100

74 120.1 113.9 170.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 135.81 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

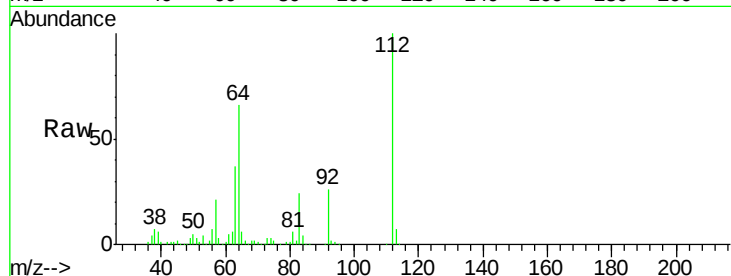
Tgt Ion: 112 Resp: 131334

Ion Ratio Lower Upper

112 100

64 66.0 43.7 65.5#

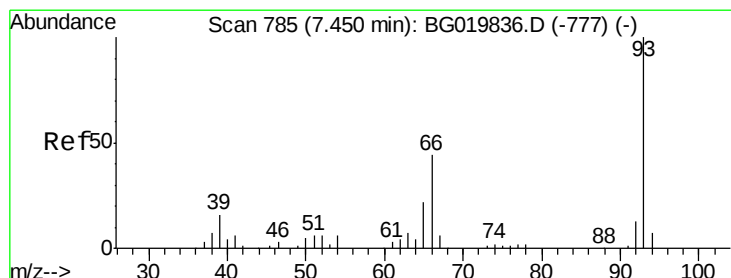
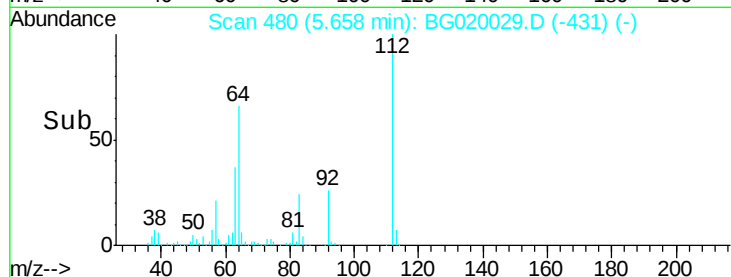
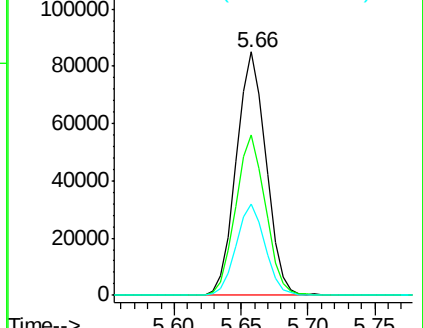
63 37.4 24.0 36.0#



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: 22.21 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

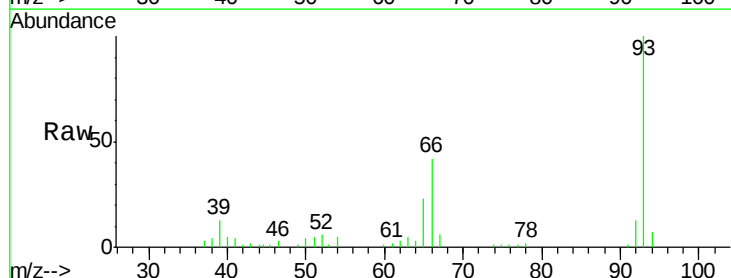
Tgt Ion: 93 Resp: 41988

Ion Ratio Lower Upper

93 100

66 41.7 26.2 39.2#

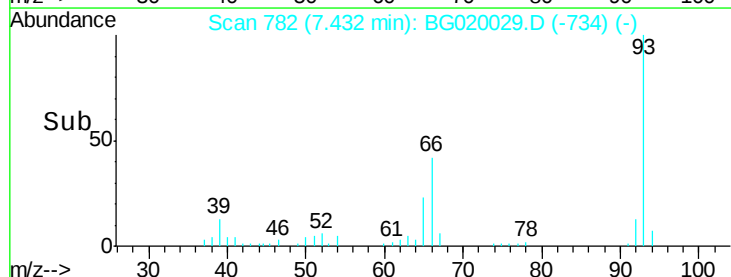
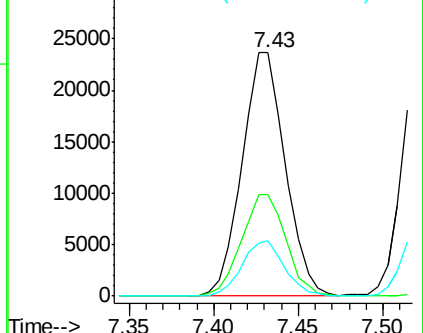
65 22.6 14.0 21.0#

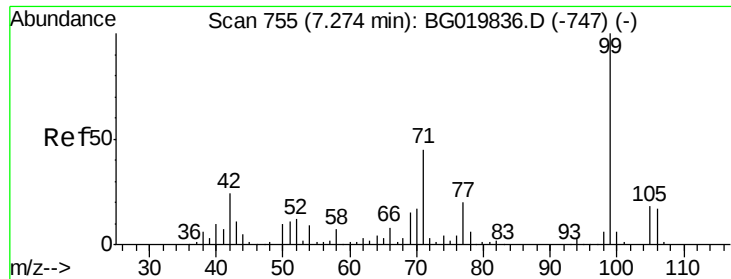


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.06 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

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PB87147BS

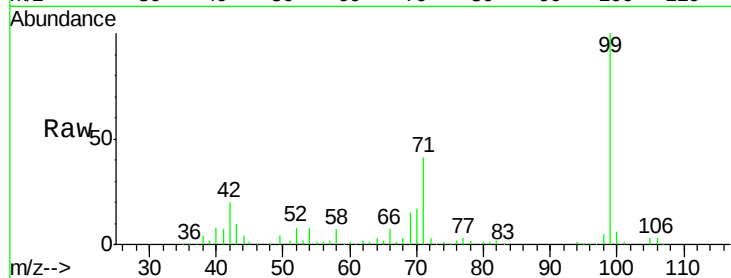
Tgt Ion: 99 Resp: 194286

Ion Ratio Lower Upper

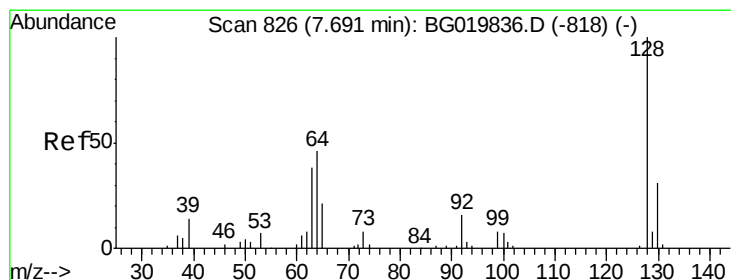
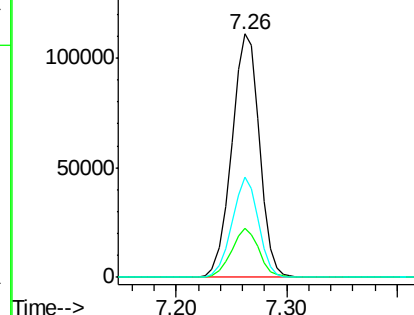
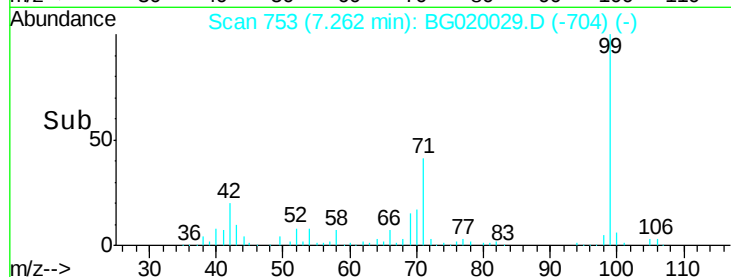
99 100

42 19.9 11.5 17.3#

71 41.1 22.6 34.0#



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: 44.06 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

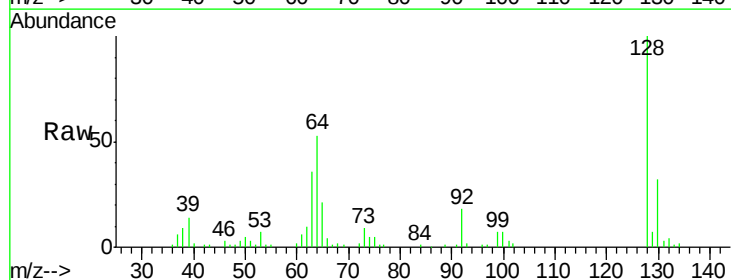
Tgt Ion: 128 Resp: 51955

Ion Ratio Lower Upper

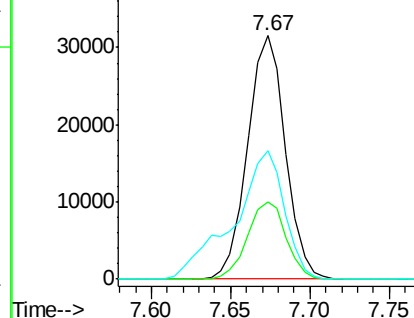
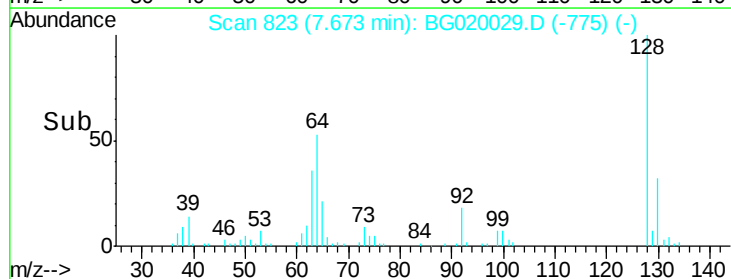
128 100

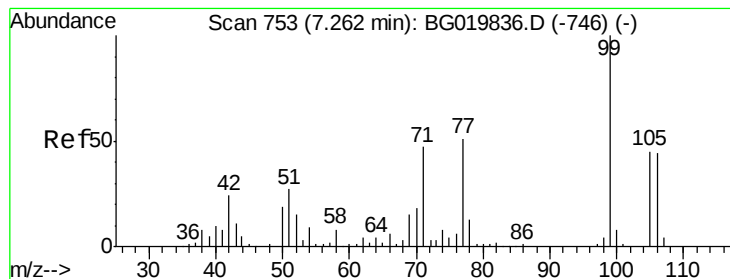
130 31.6 13.0 53.0

64 52.7 28.2 68.2



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: 35.06 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

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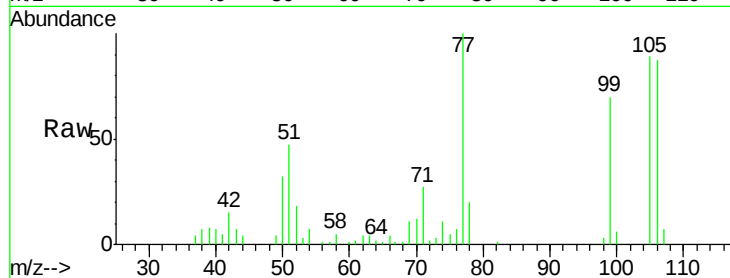
Tgt Ion: 77 Resp: 34133

Ion Ratio Lower Upper

77 100

105 88.5 77.7 117.7

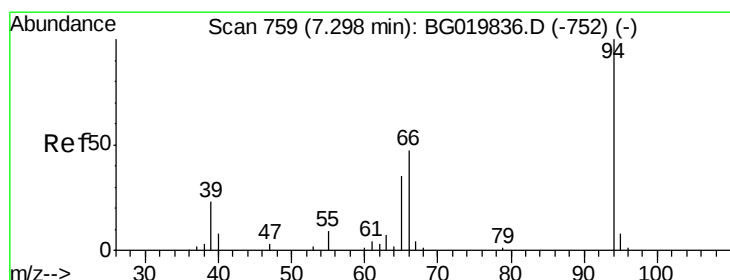
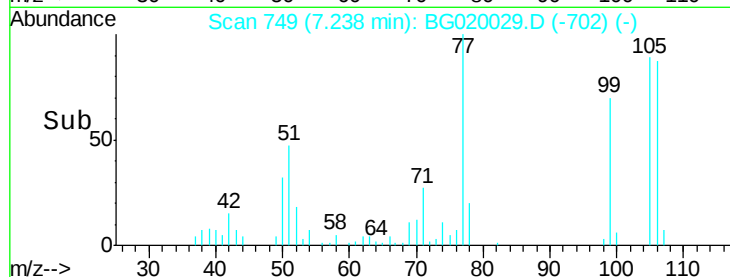
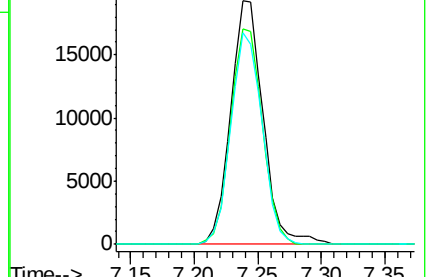
106 87.1 75.8 115.8



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: 46.03 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

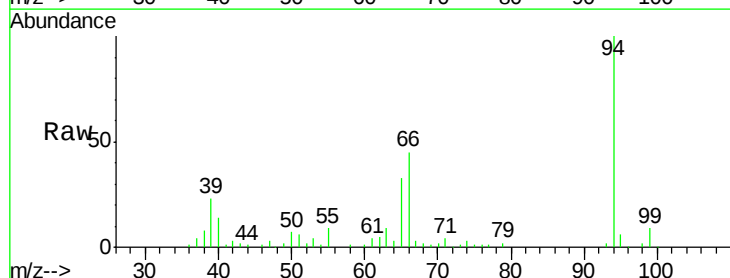
Tgt Ion: 94 Resp: 70735

Ion Ratio Lower Upper

94 100

65 32.7 5.4 45.4

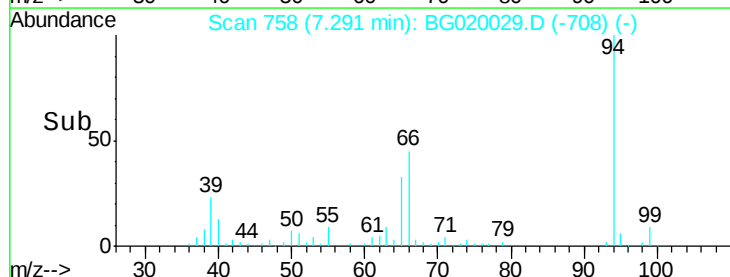
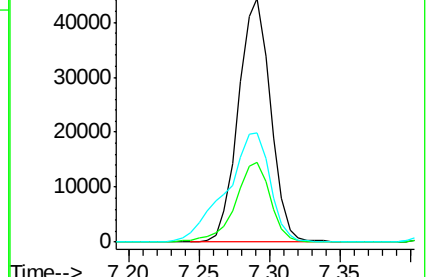
66 45.0 11.8 51.8



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

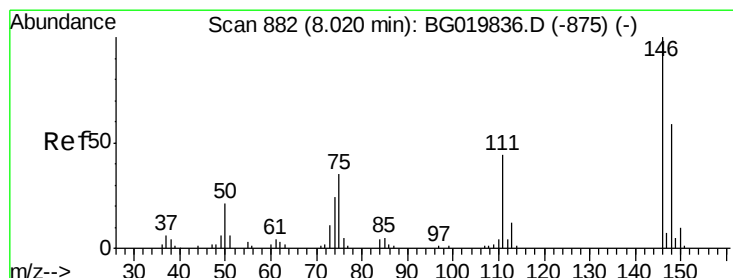
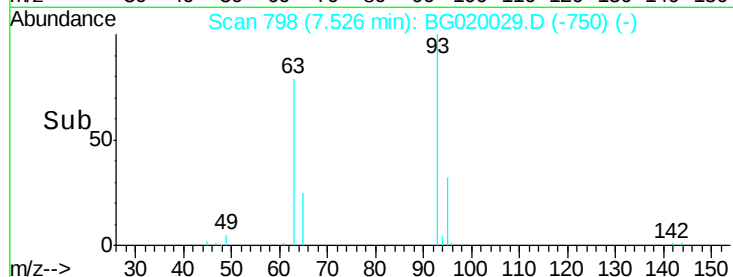
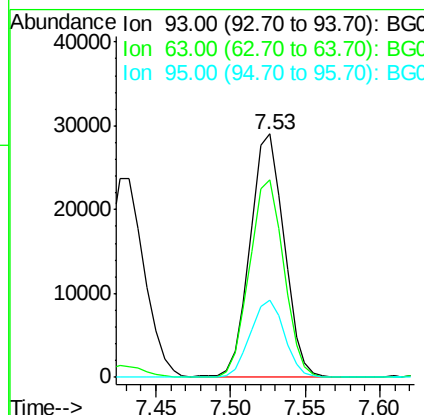
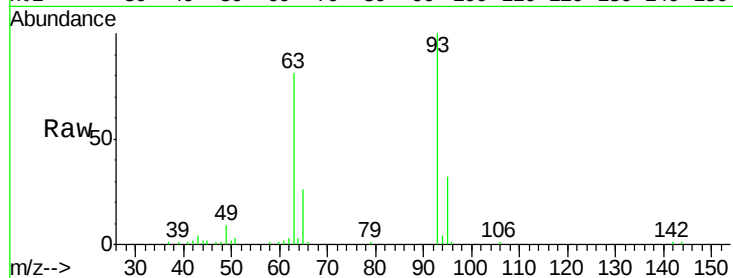




#11
 bis(2-Chloroethyl)ether
 Concen: 40.10 ng
 RT: 7.53 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

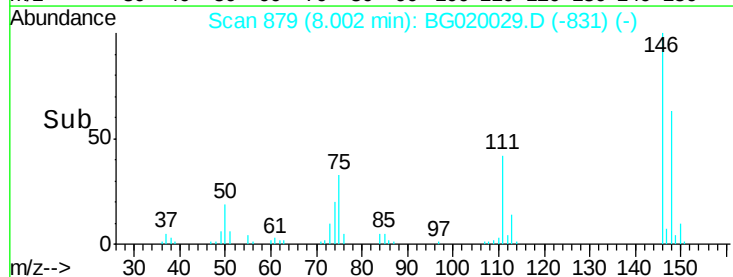
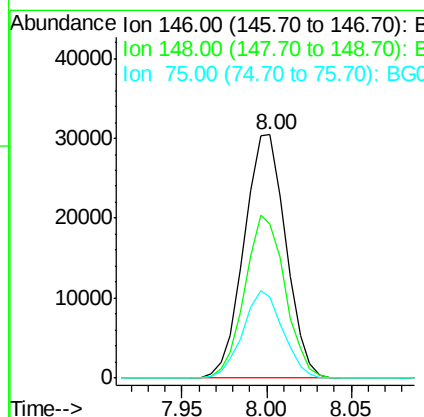
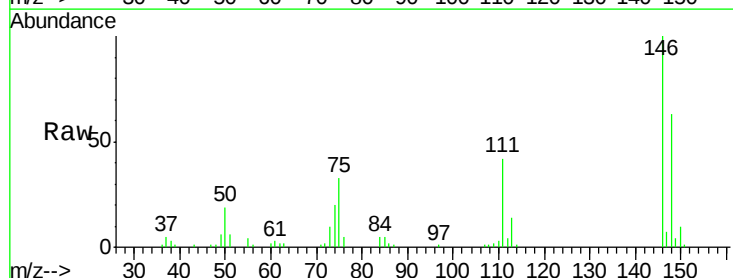
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

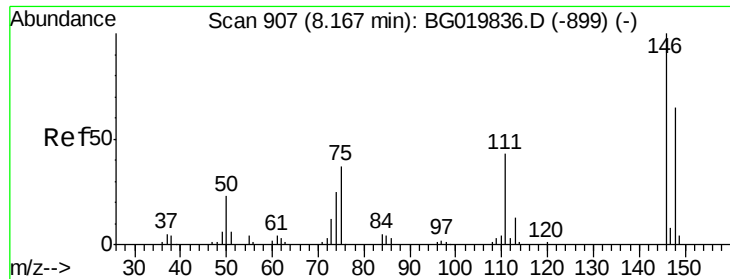
Tgt Ion: 93 Resp: 45641
 Ion Ratio Lower Upper
 93 100
 63 81.0 50.5 90.5
 95 31.7 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 39.23 ng
 RT: 8.00 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion: 146 Resp: 52433
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.4 80.0
 75 33.2 21.1 31.7#

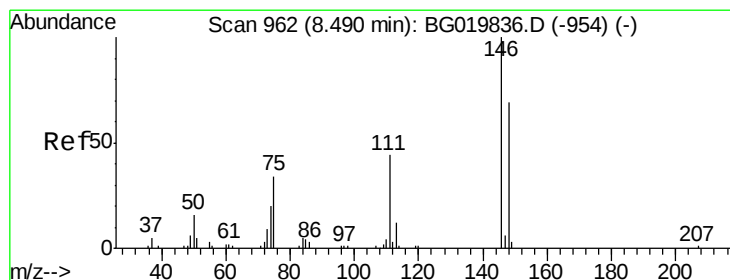
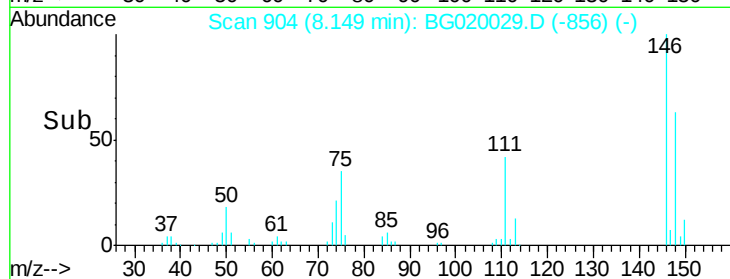
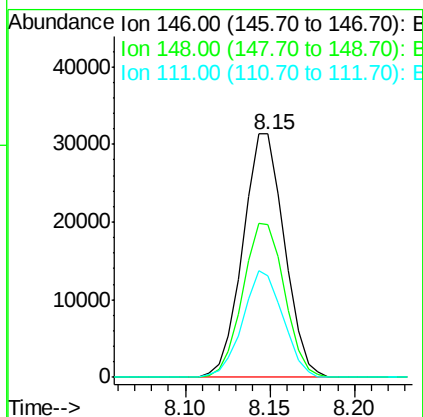
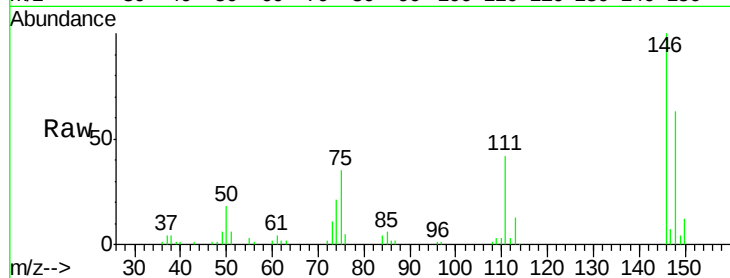




#13
 1,4-Dichlorobenzene
 Concen: 38.76 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

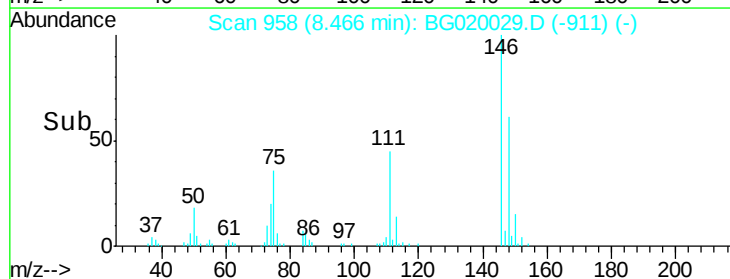
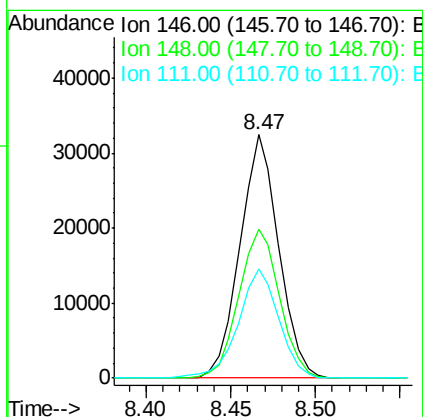
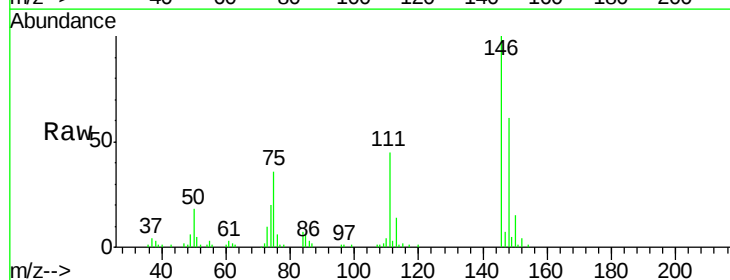
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

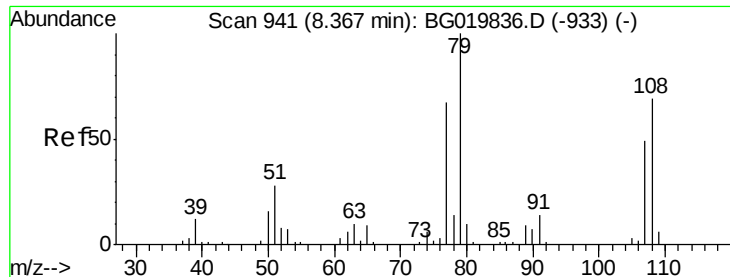
Tgt Ion:146 Resp: 53503
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.5 78.7
 111 41.8 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 39.26 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion:146 Resp: 51693
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.5 78.7
 111 44.7 29.9 44.9





#15

Benzyl Alcohol

Concen: 43.19 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

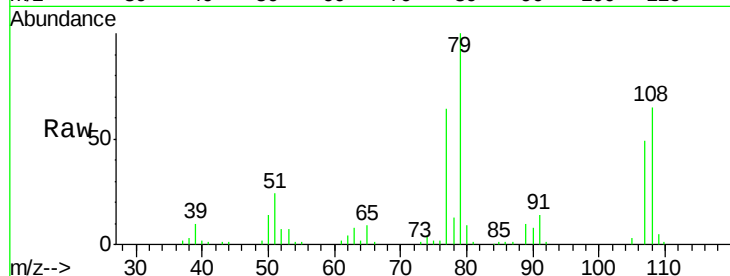
Tgt Ion: 79 Resp: 55334

Ion Ratio Lower Upper

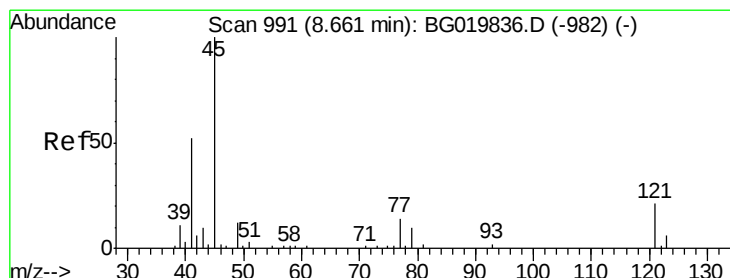
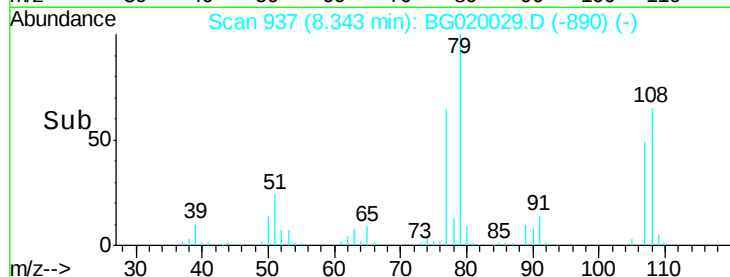
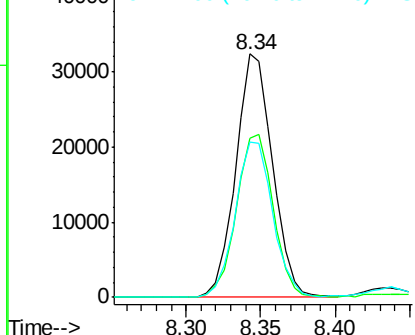
79 100

108 65.5 65.5 98.3#

77 63.5 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.47 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

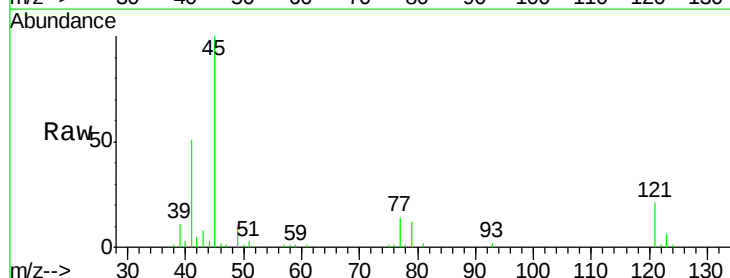
Tgt Ion: 45 Resp: 67700

Ion Ratio Lower Upper

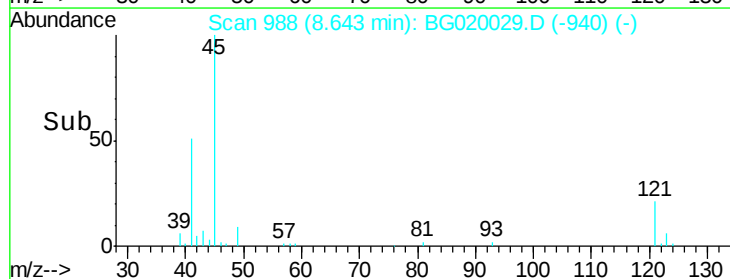
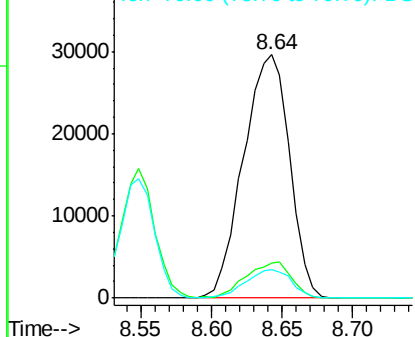
45 100

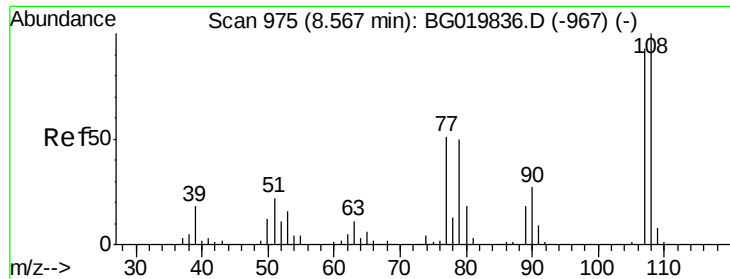
77 14.2 0.0 37.0

79 11.9 0.0 33.8



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

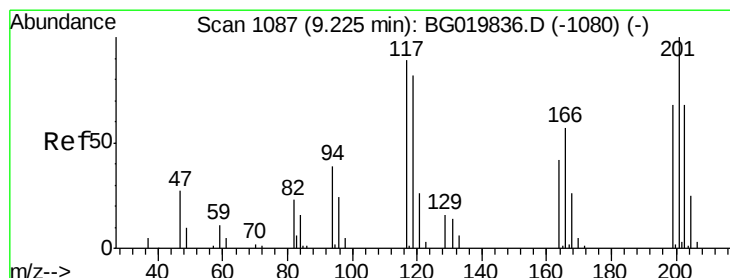
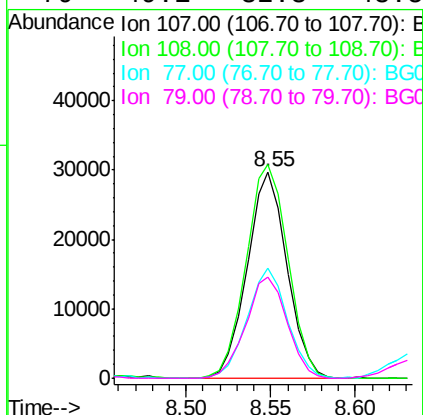
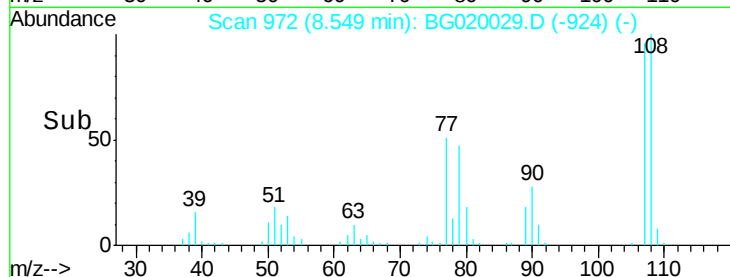
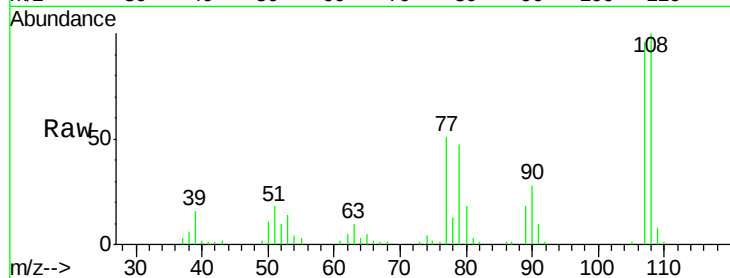




#17
2-Methylphenol
Concen: 44.63 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

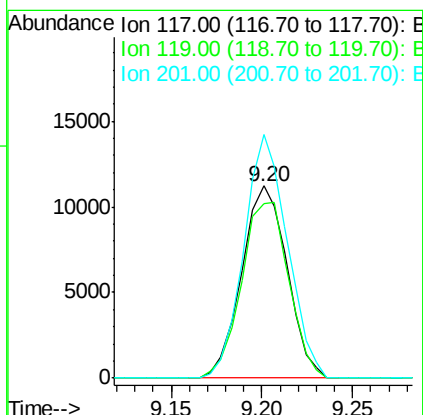
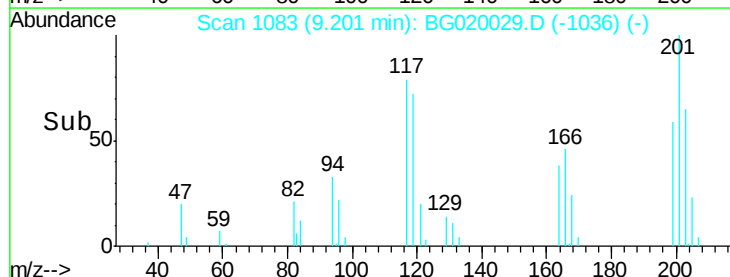
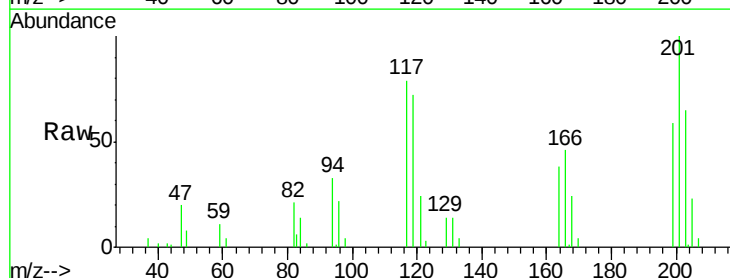
Instrument :
BNA_G
ClientSampleId :
PB87147BS

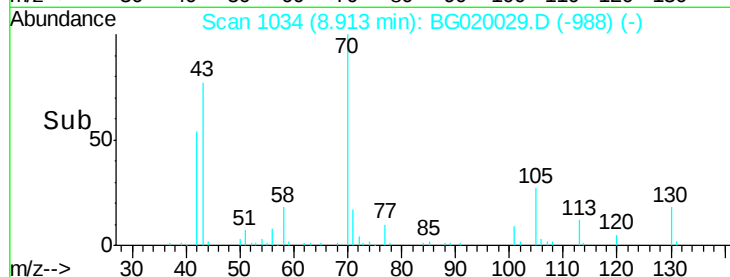
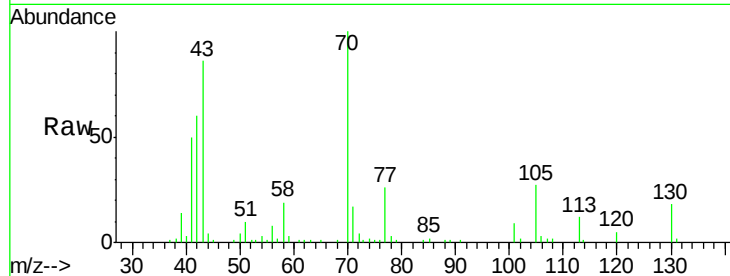
Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.6	86.5	129.7
77	53.3	34.6	51.8#
79	49.1	32.3	48.5#



#18
Hexachloroethane
Concen: 37.73 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	71.7	107.5
201	126.6	90.9	136.3

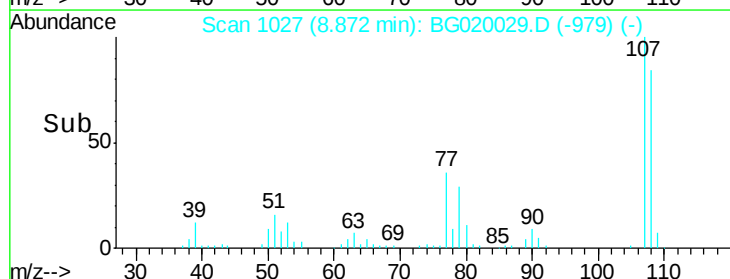
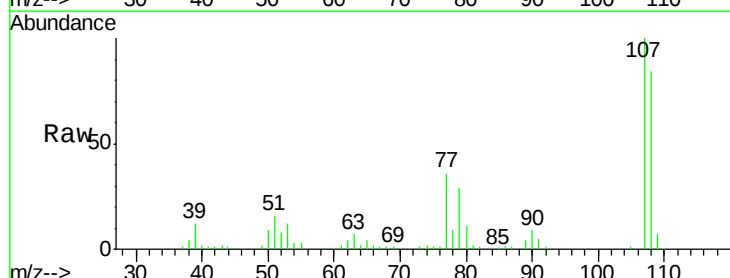
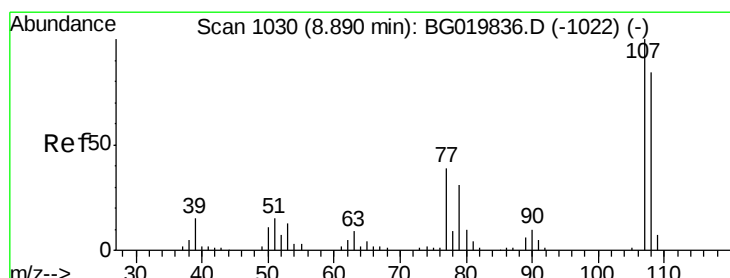
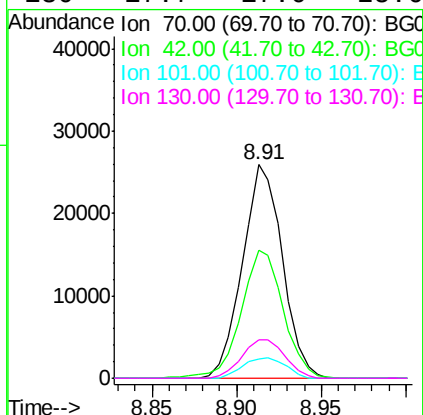




#19
n-Nitroso-di-n-propylamine
Concen: 36.87 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

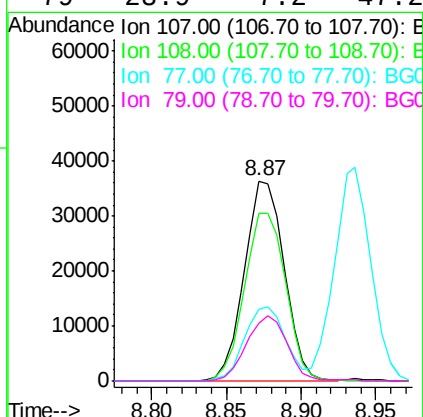
Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion:	70	Resp:	42451
Ion	Ratio	Lower	Upper
70	100		
42	59.9	40.6	60.8
101	9.2	8.6	13.0
130	17.7	17.0	25.6



#20
3+4-Methylphenols
Concen: 44.01 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:	107	Resp:	67224
Ion	Ratio	Lower	Upper
107	100		
108	84.0	72.2	112.2
77	35.6	13.4	53.4
79	28.9	7.2	47.2

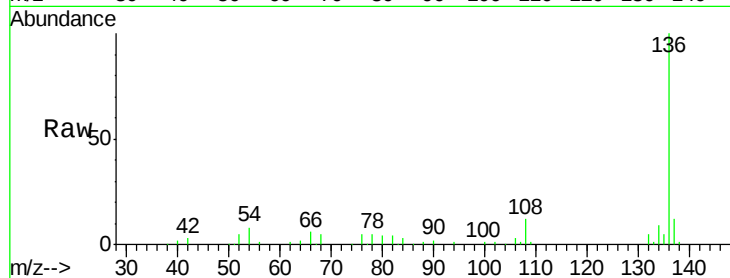




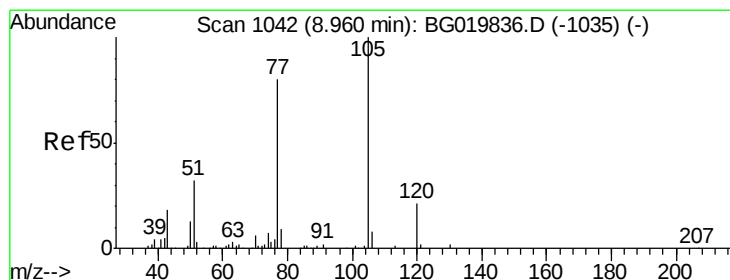
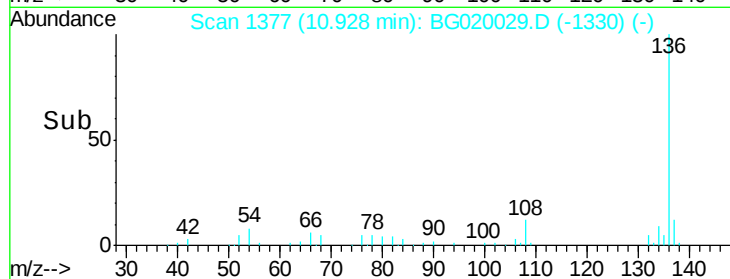
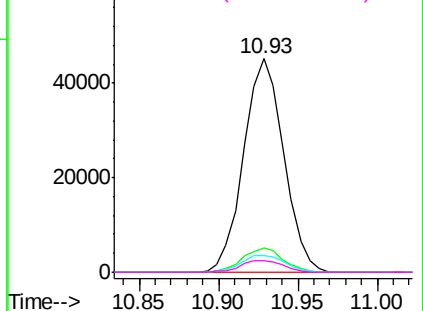
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion:	136	Resp:	79304
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	7.6	5.4	8.2
68	5.2	5.3	7.9#

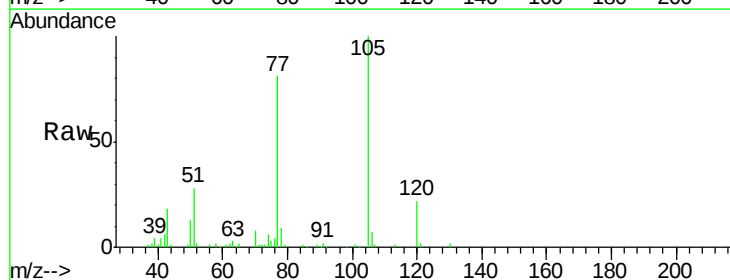


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

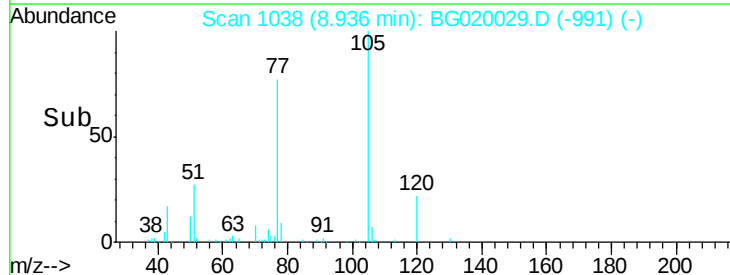
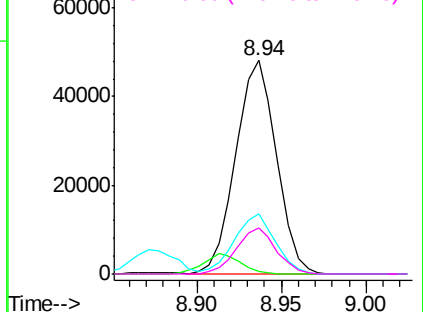


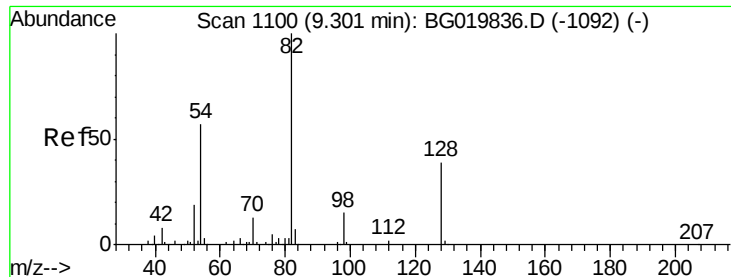
#22
Acetophenone
Concen: 37.11 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:	105	Resp:	80670
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.1	3.1#
51	28.1	17.8	26.8#
120	21.8	17.7	26.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

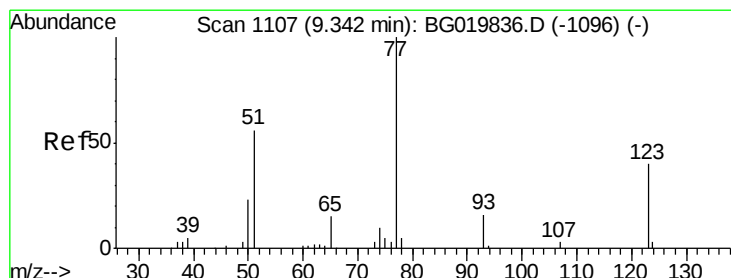
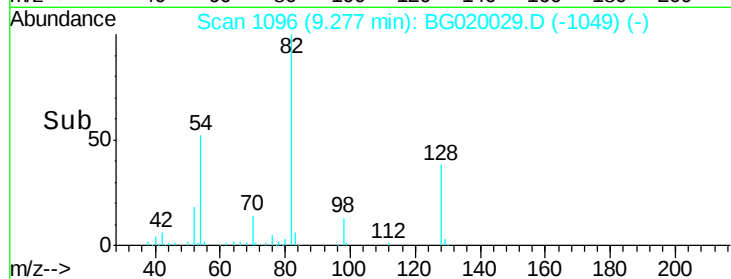
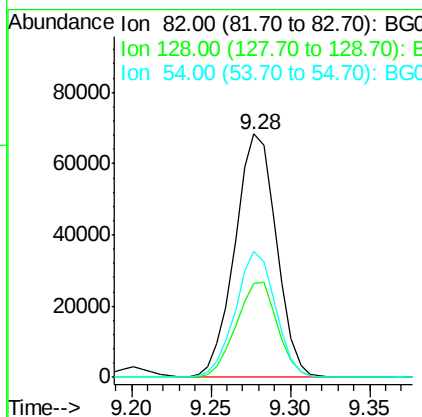
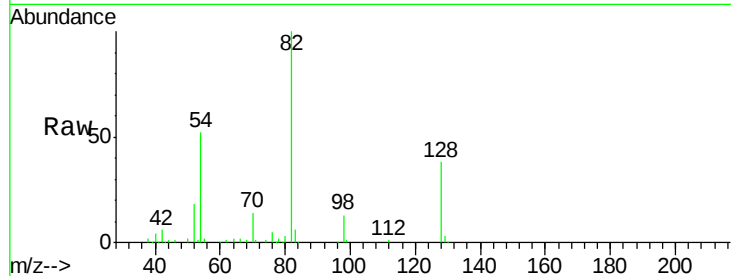




#23
 Nitrobenzene-d5
 Concen: 79.98 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

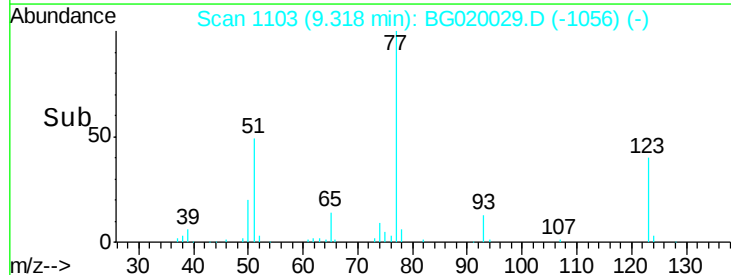
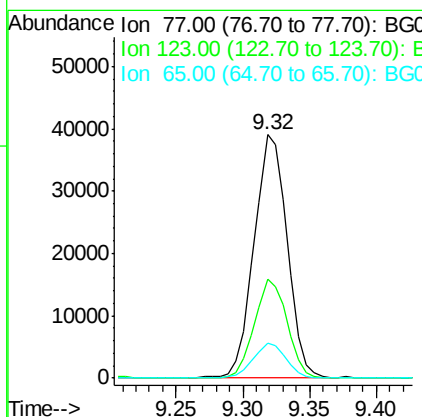
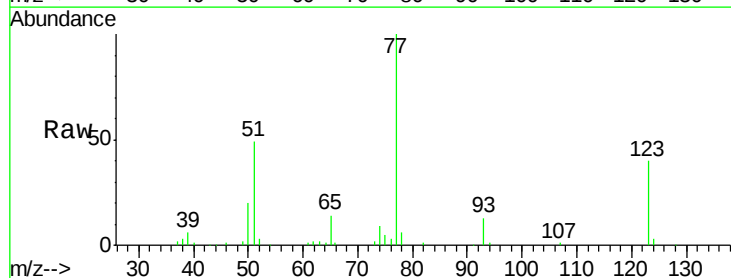
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

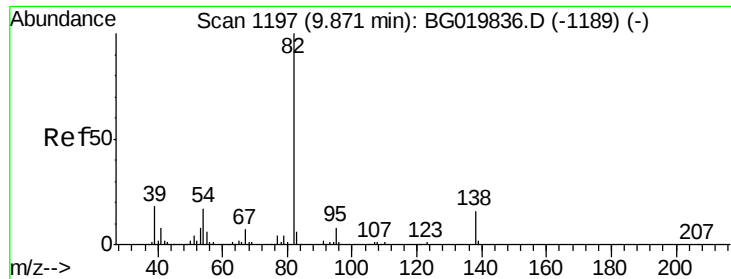
Tgt Ion: 82 Resp: 124275
 Ion Ratio Lower Upper
 82 100
 128 38.3 36.7 55.1
 54 51.6 33.8 50.8#



#24
 Nitrobenzene
 Concen: 39.67 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion: 77 Resp: 66868
 Ion Ratio Lower Upper
 77 100
 123 40.4 38.2 57.2
 65 14.1 10.6 16.0





#25

Isophorone

Concen: 35.86 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

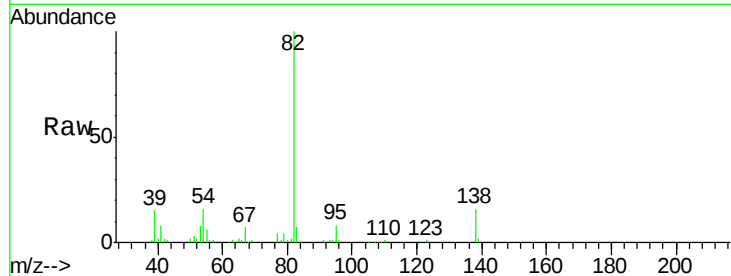
Tgt Ion: 82 Resp: 119475

Ion Ratio Lower Upper

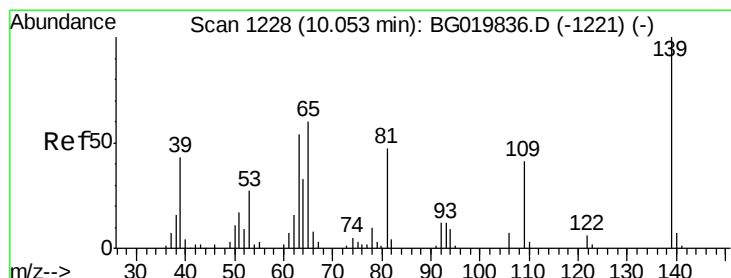
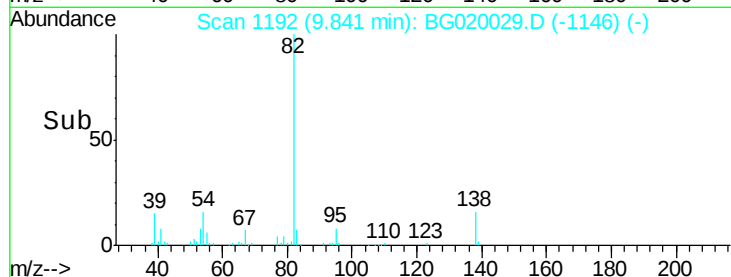
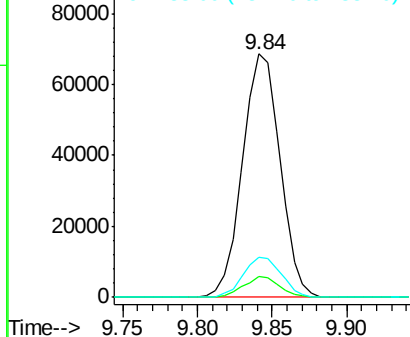
82 100

95 8.4 5.2 7.8#

138 16.3 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.08 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

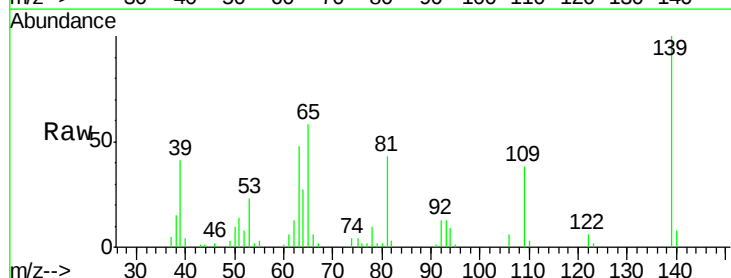
Tgt Ion: 139 Resp: 29344

Ion Ratio Lower Upper

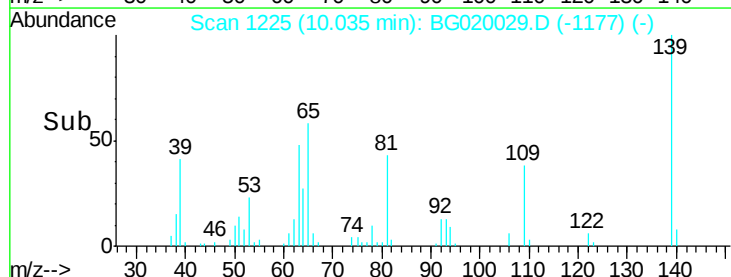
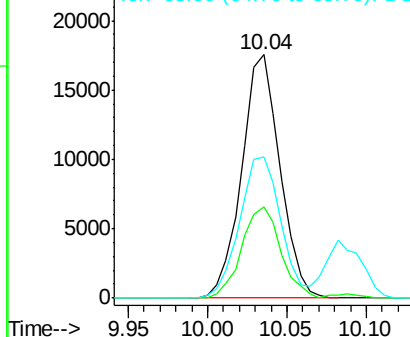
139 100

109 37.5 20.1 30.1#

65 58.2 34.1 51.1#



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

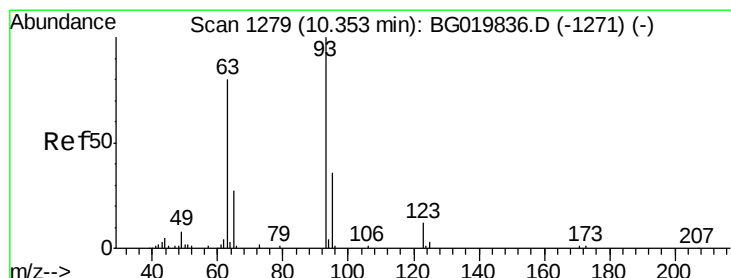
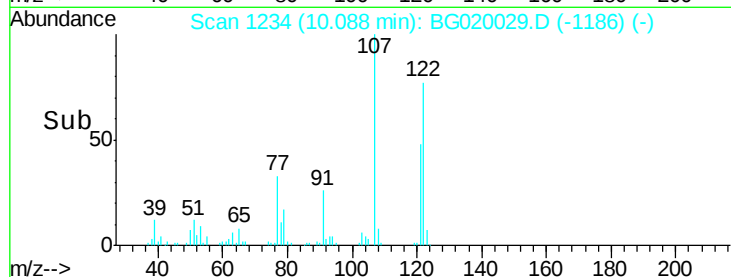
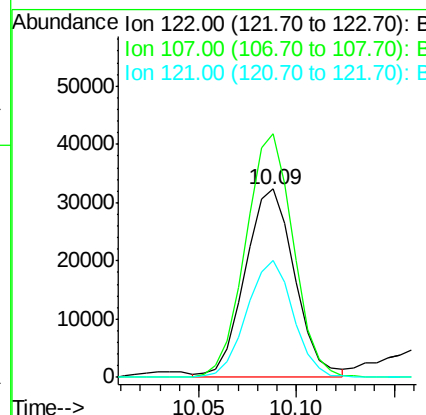
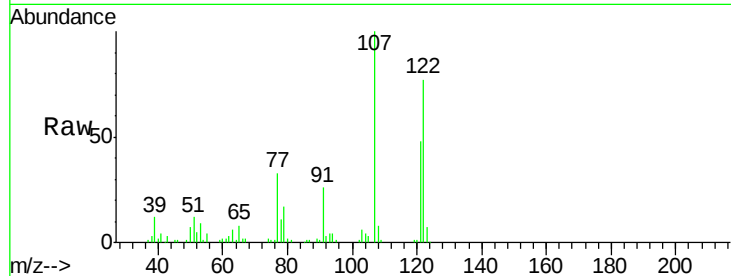




#27
 2,4-Dimethylphenol
 Concen: 41.84 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

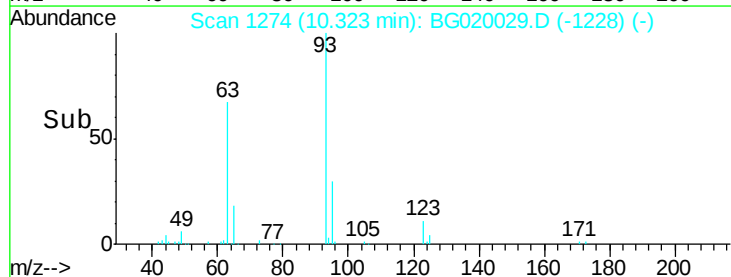
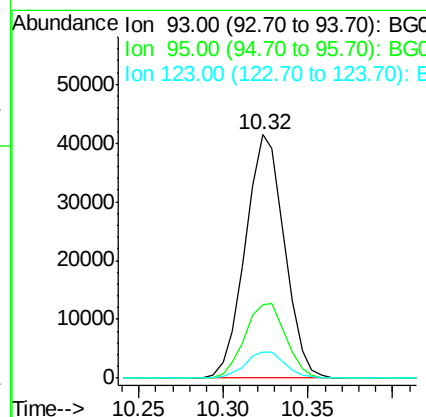
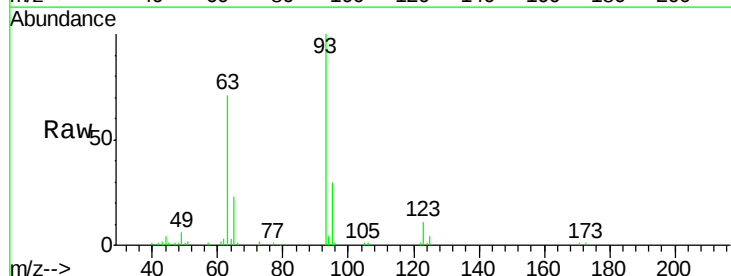
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

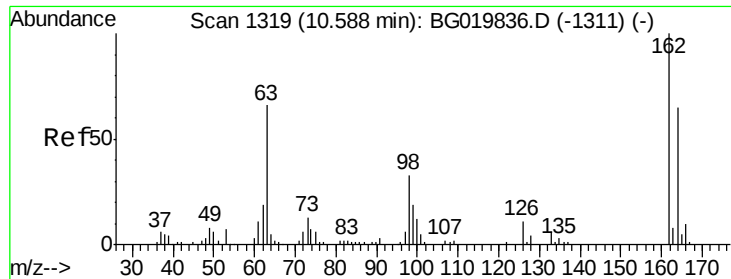
Tgt Ion:122 Resp: 56722
 Ion Ratio Lower Upper
 122 100
 107 129.2 91.6 137.4
 121 61.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.95 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion: 93 Resp: 66669
 Ion Ratio Lower Upper
 93 100
 95 30.0 25.7 38.5
 123 10.5 8.6 12.8

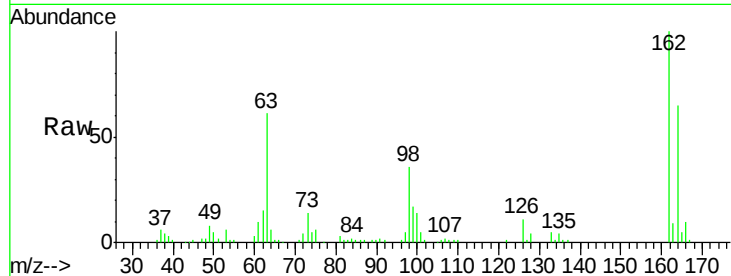




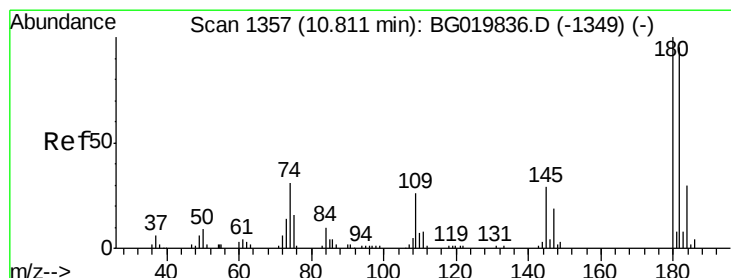
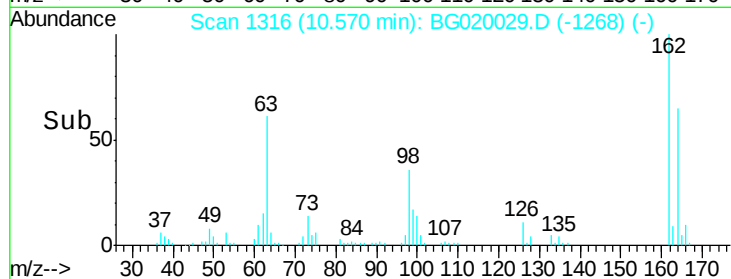
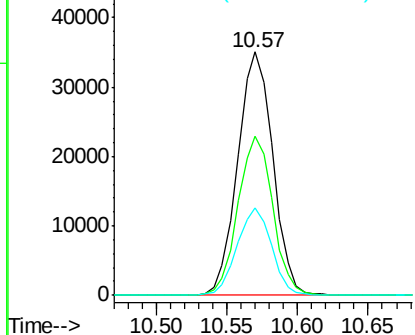
#29
2,4-Dichlorophenol
Concen: 44.36 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.3	82.3
98	36.1	11.5	51.5

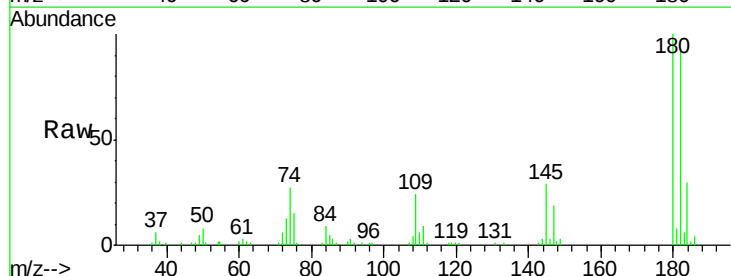


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

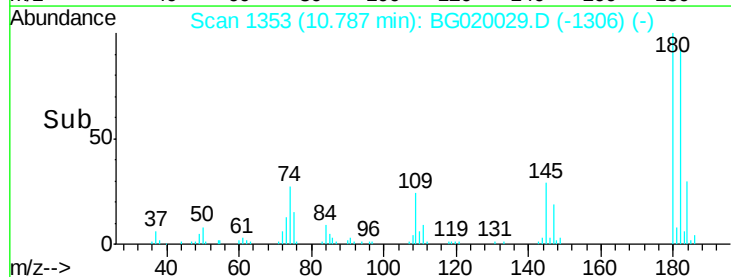
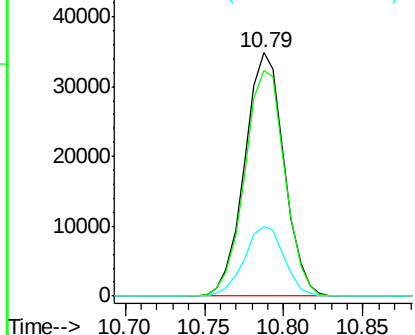


#30
1,2,4-Trichlorobenzene
Concen: 38.52 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	79.7	119.5
145	28.7	22.0	33.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.52 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

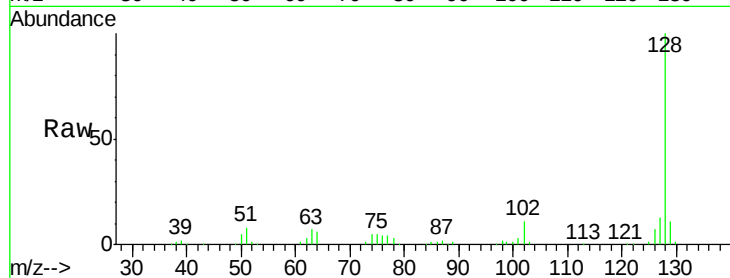
Tgt Ion:128 Resp: 167881

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

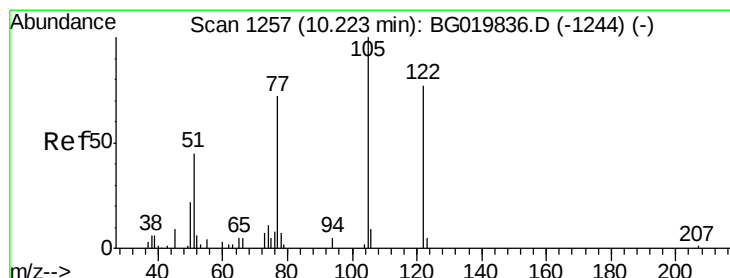
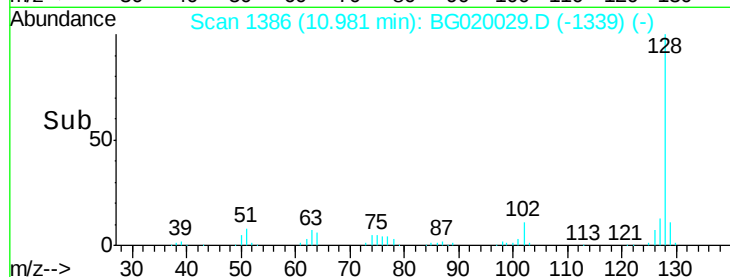
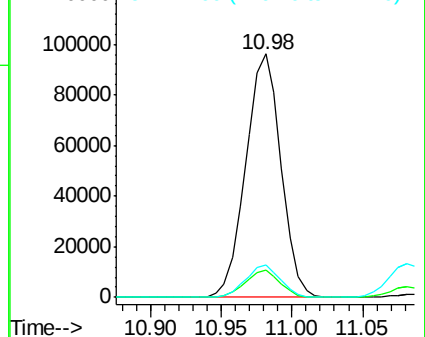
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.38 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

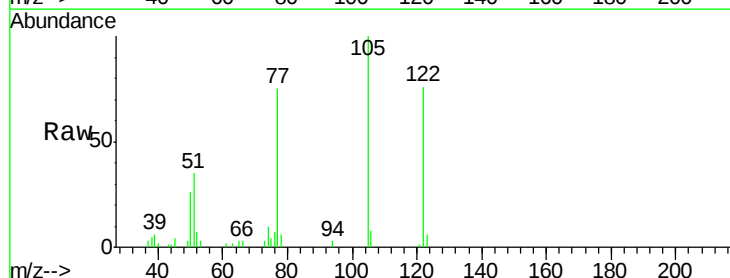
Tgt Ion:122 Resp: 37983

Ion Ratio Lower Upper

122 100

105 132.3 103.8 143.8

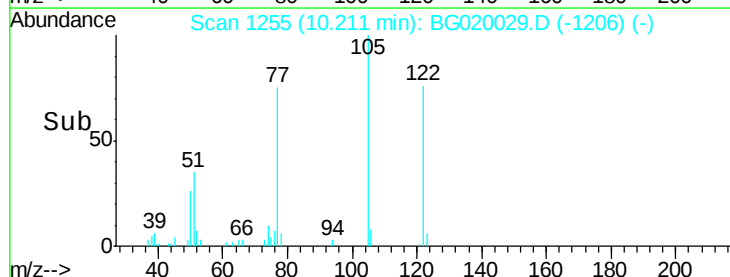
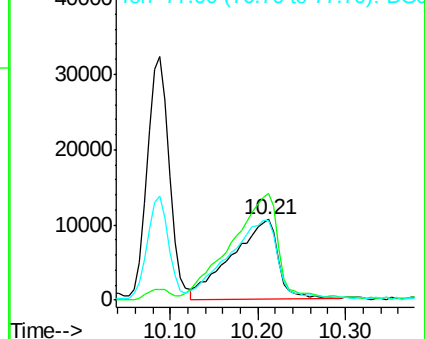
77 98.8 68.8 108.8

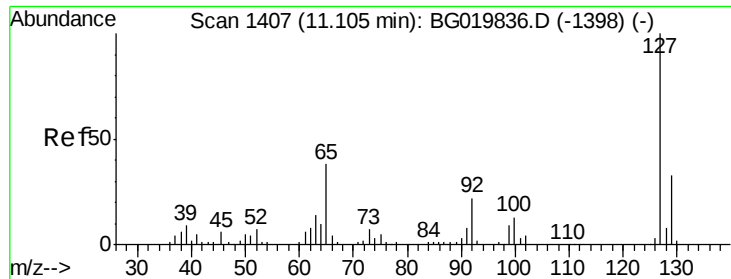


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

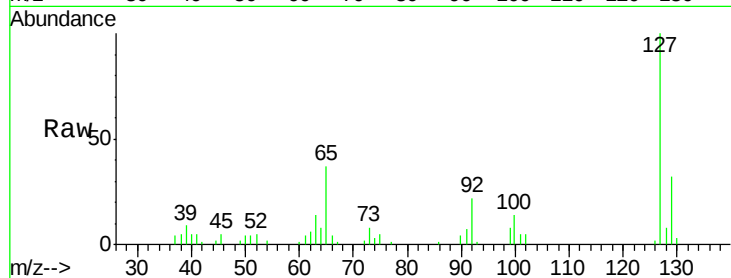




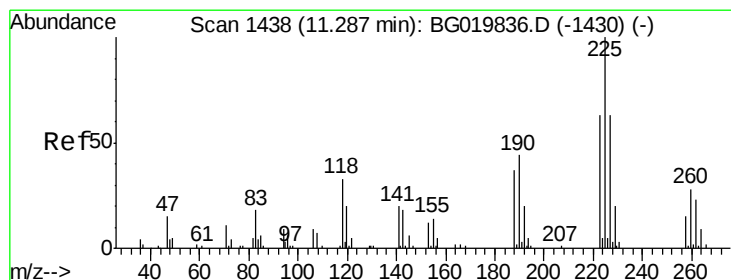
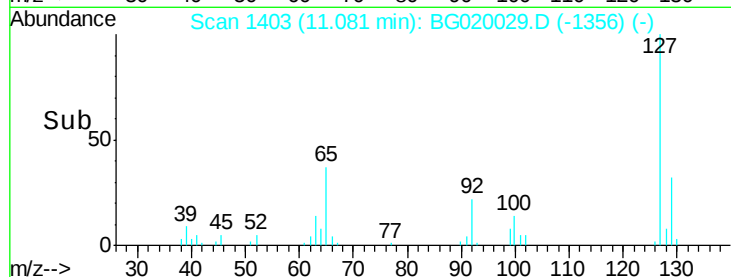
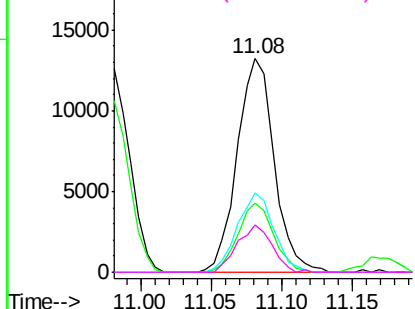
#33
4-Chloroaniline
Concen: 12.95 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion:127 Resp: 24247
Ion Ratio Lower Upper
127 100
129 32.2 24.6 37.0
65 37.3 22.6 33.8#
92 22.2 15.1 22.7

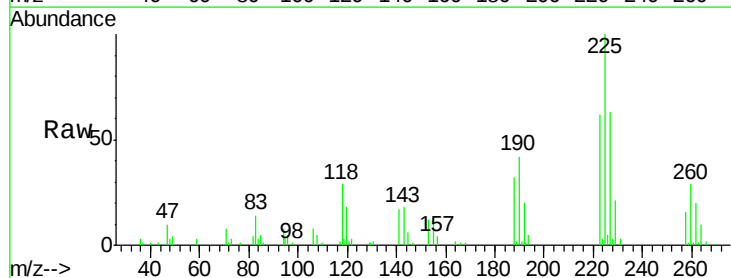


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

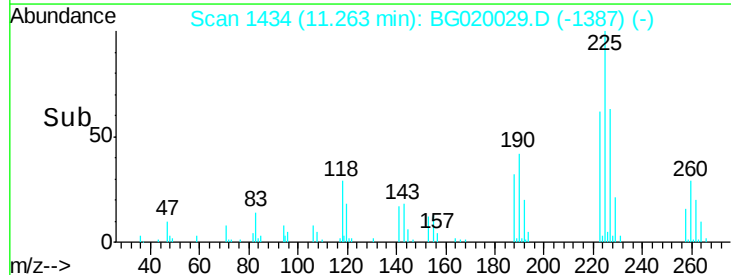
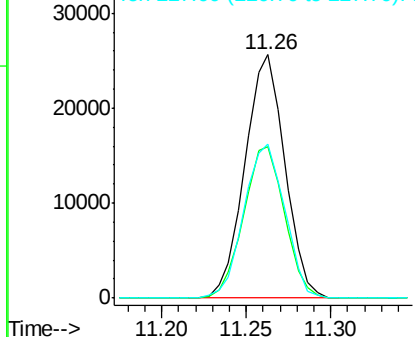


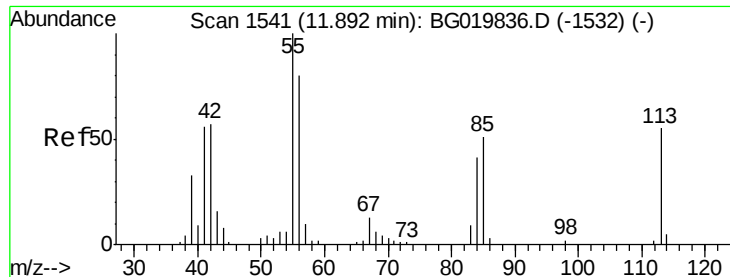
#34
Hexachlorobutadiene
Concen: 36.52 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:225 Resp: 42162
Ion Ratio Lower Upper
225 100
223 59.1 51.0 76.4
227 60.2 51.8 77.8



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





#35

Caprolactam

Concen: 40.11 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

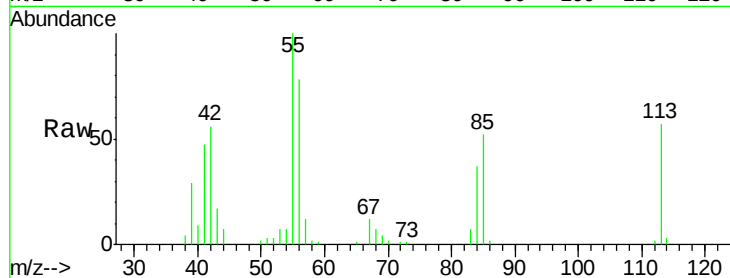
Tgt Ion:113 Resp: 20680

Ion Ratio Lower Upper

113 100

55 174.3 135.0 175.0

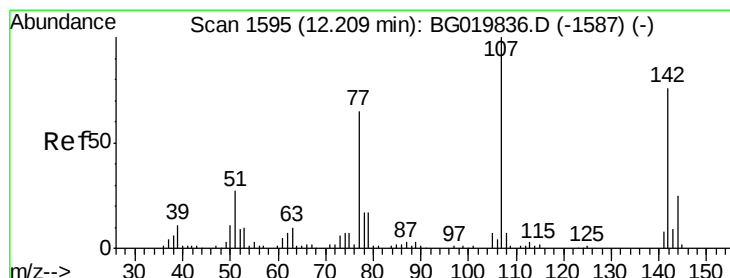
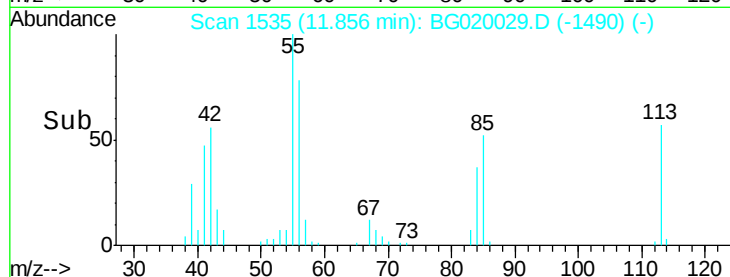
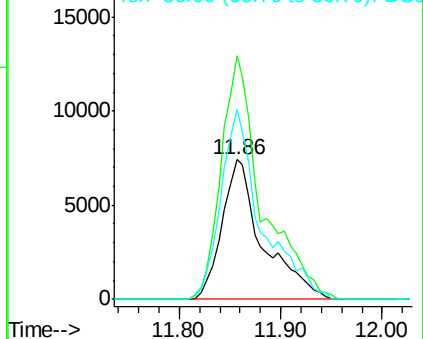
56 135.8 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.54 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

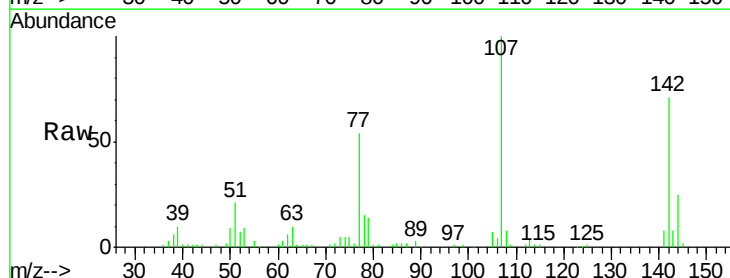
Tgt Ion:107 Resp: 69927

Ion Ratio Lower Upper

107 100

144 25.1 20.6 31.0

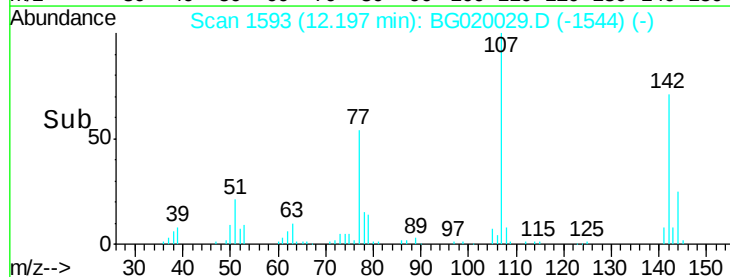
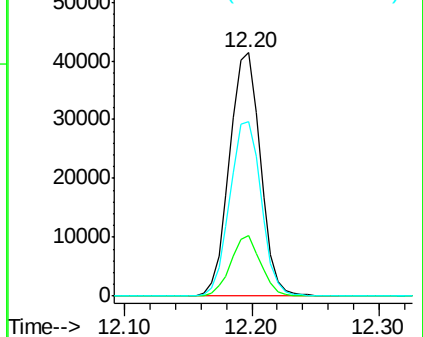
142 71.5 62.6 93.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

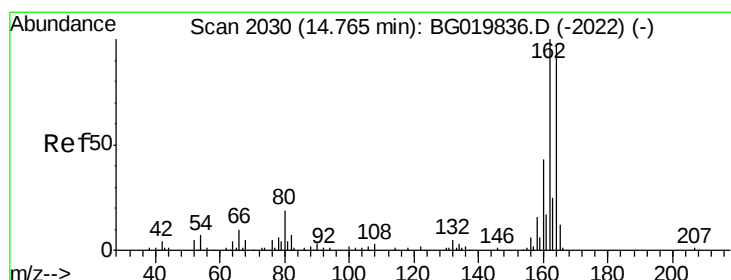
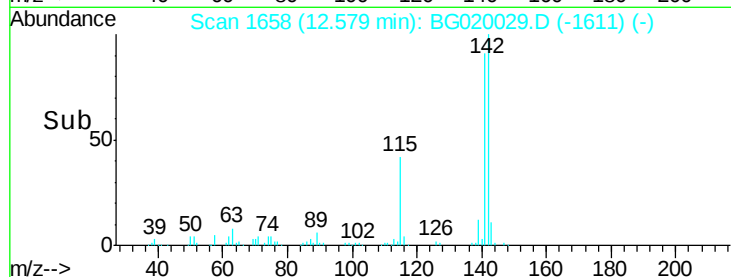
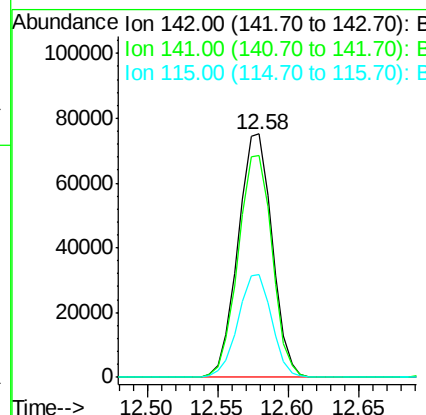
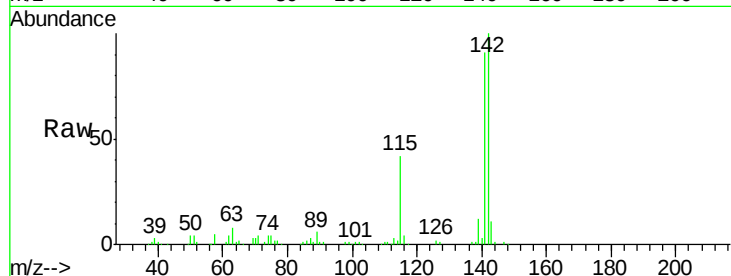




#37
2-Methylnaphthalene
Concen: 40.78 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

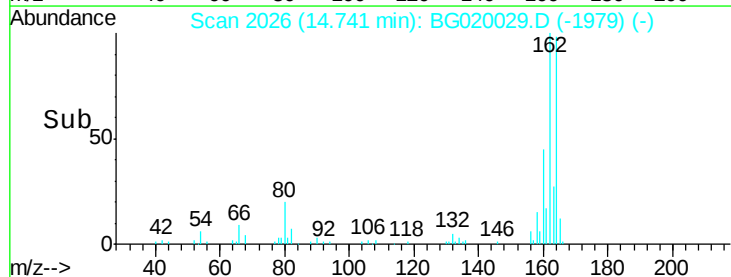
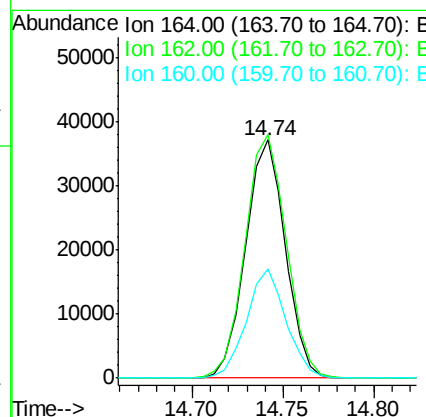
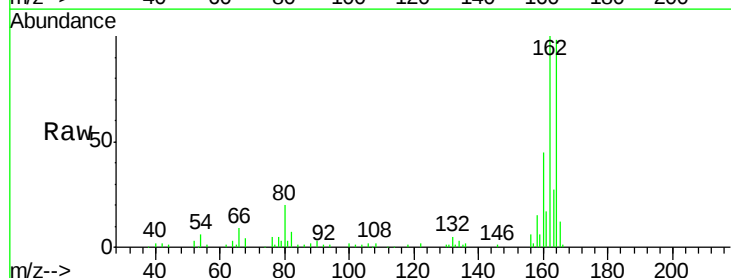
Instrument :
BNA_G
ClientSampleId :
PB87147BS

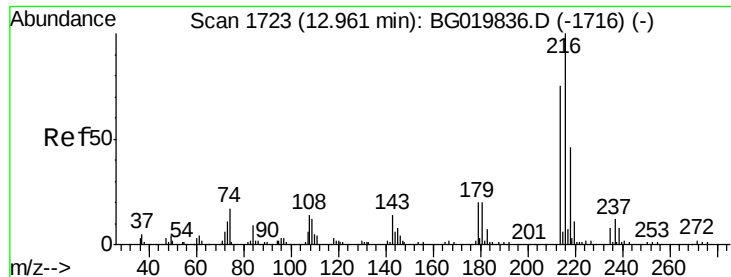
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.6	112.0
115	42.3	27.4	41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	45.8	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.48 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

Tgt Ion:216 Resp: 84610

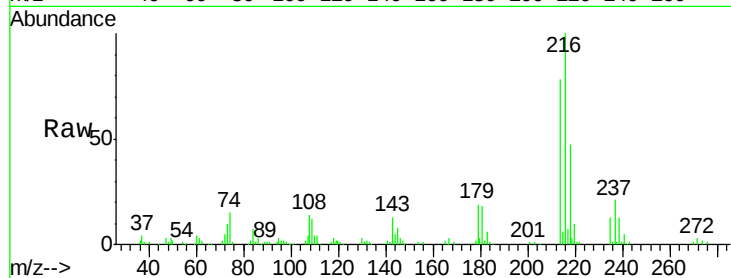
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 19.3 15.6 23.4

108 16.7 13.3 19.9

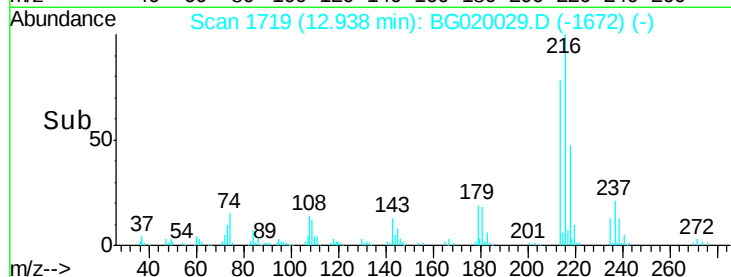


Abundance Ion 216.00 (215.70 to 216.70): E

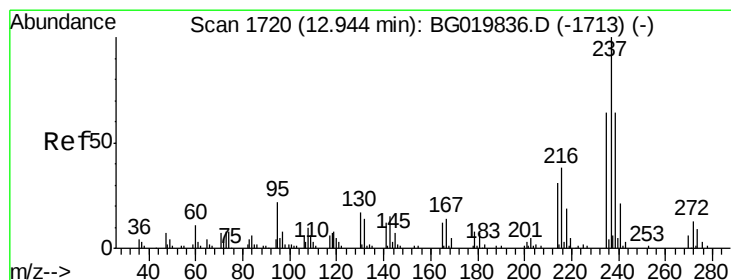
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 70.48 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

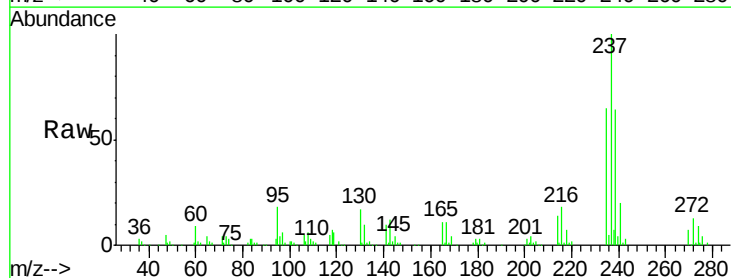
Tgt Ion:237 Resp: 86118

Ion Ratio Lower Upper

237 100

235 64.7 44.6 84.6

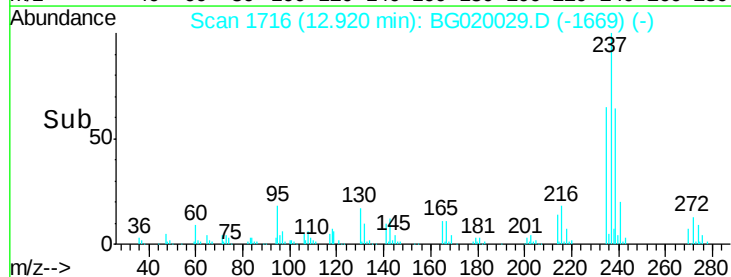
272 12.8 0.0 32.8



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



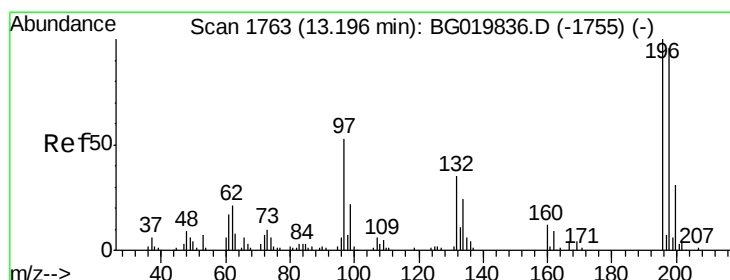
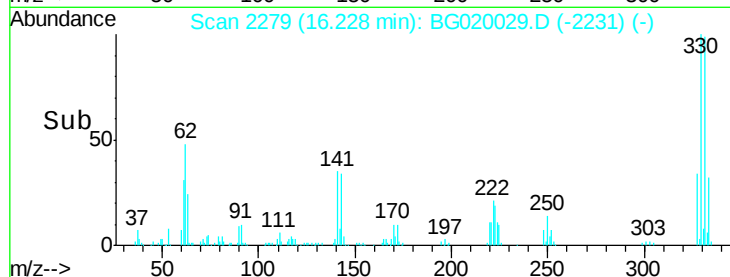
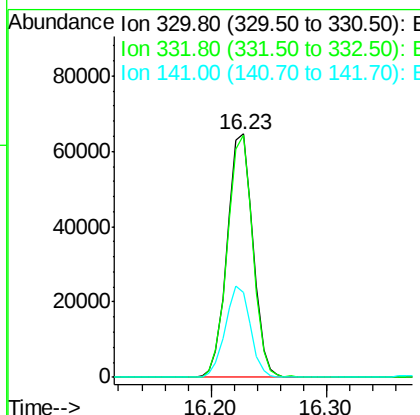
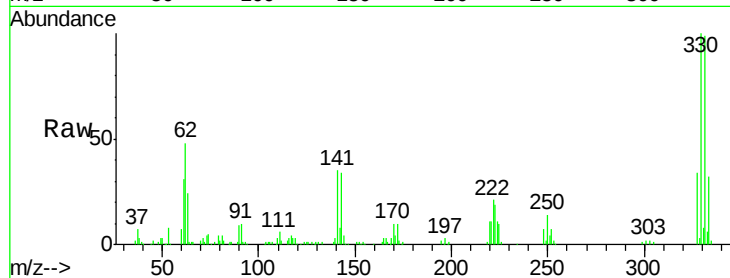
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 115.59 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

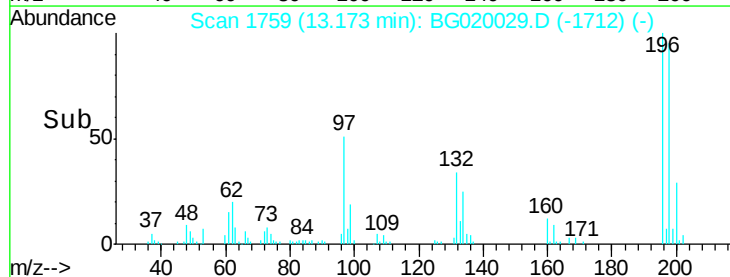
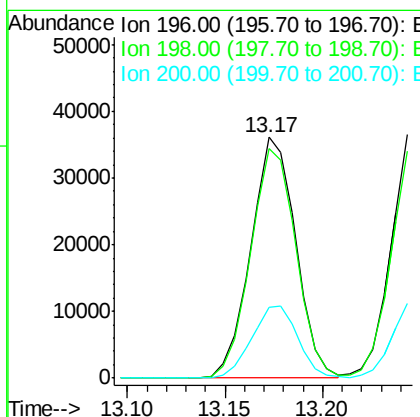
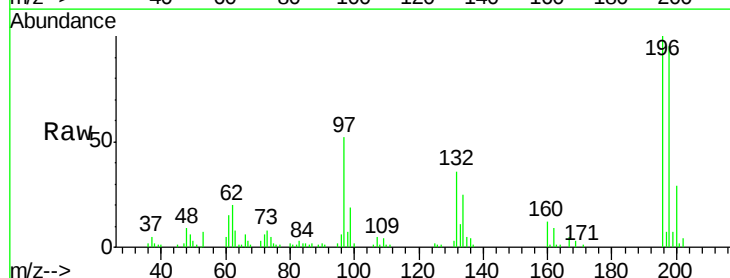
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

Tgt Ion:330 Resp: 99871
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.1 117.1
 141 36.5 28.2 42.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.54 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion:196 Resp: 57513
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.7 112.1
 200 29.2 24.1 36.1

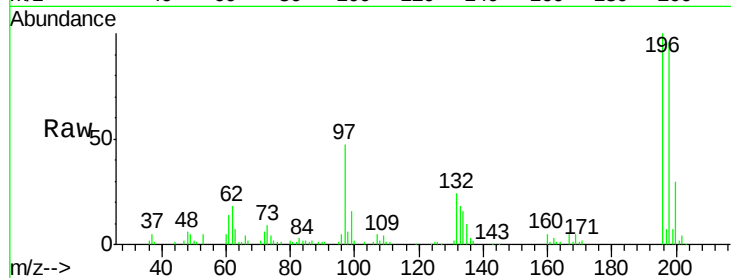




#43
 2,4,5-Trichlorophenol
 Concen: 42.56 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.2	112.8
97	47.5	34.2	51.2
132	23.6	21.8	32.6



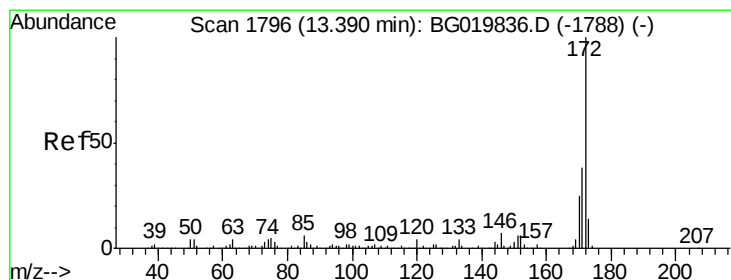
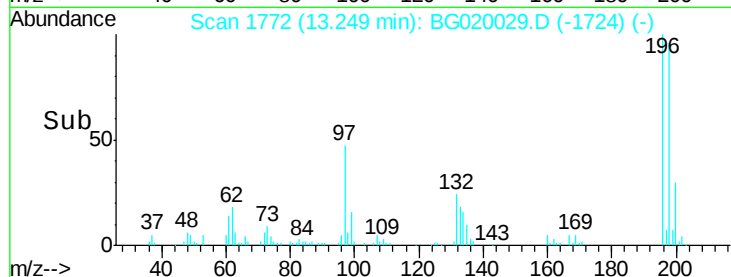
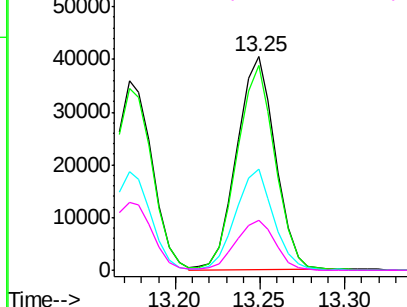
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

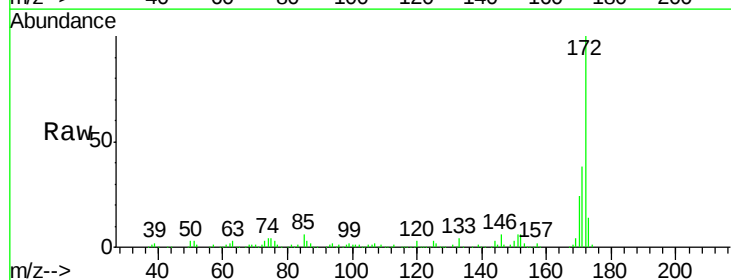
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.82 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	24.3	19.9	29.9

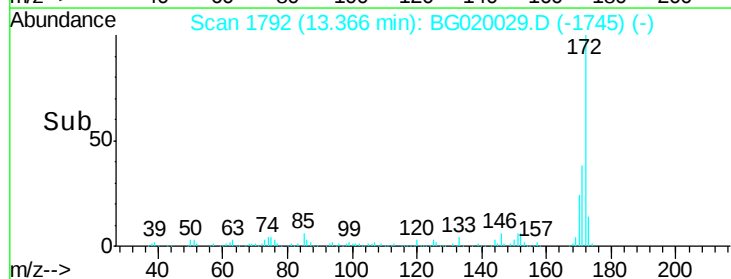
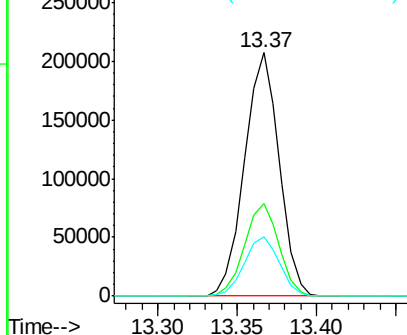


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

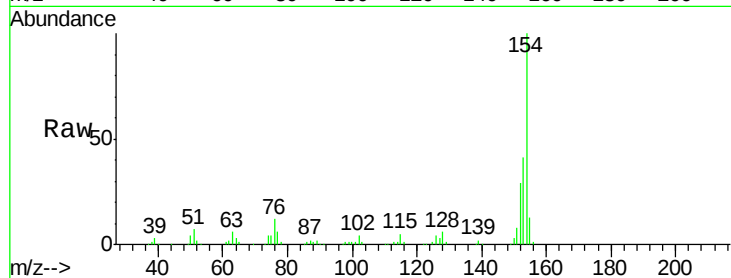




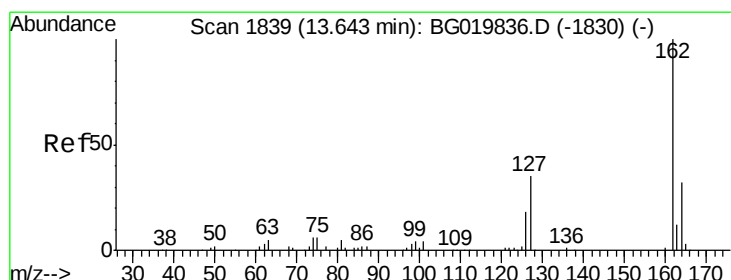
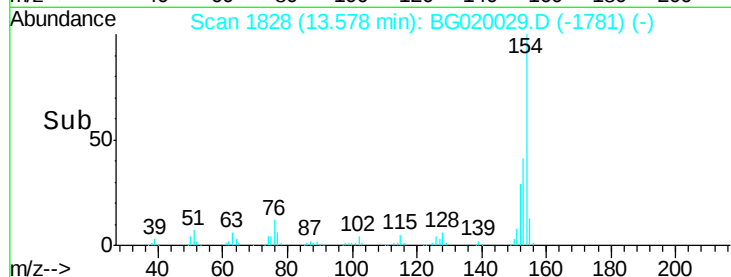
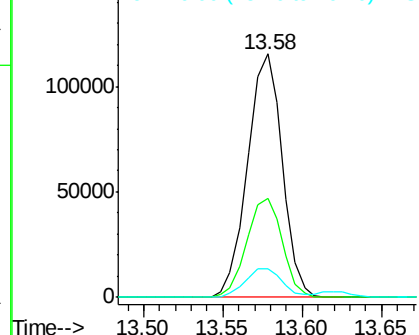
#45
1,1'-Biphenyl
Concen: 37.86 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion:154 Resp: 175453
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 11.7 0.0 33.2

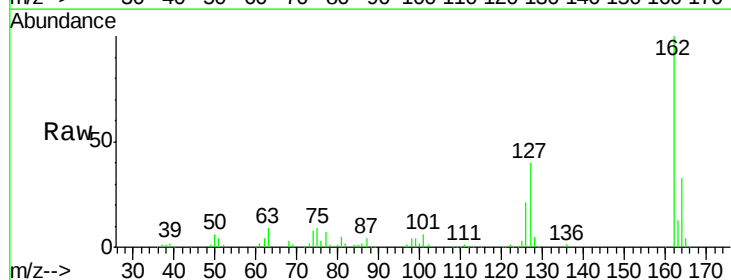


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

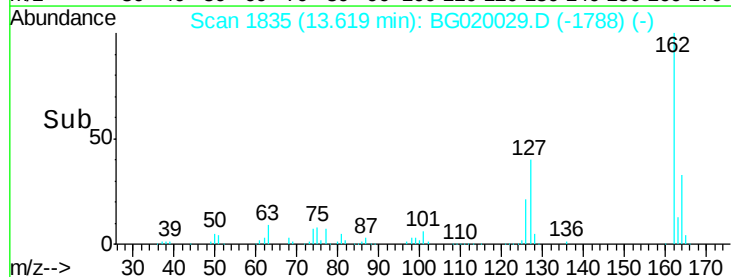
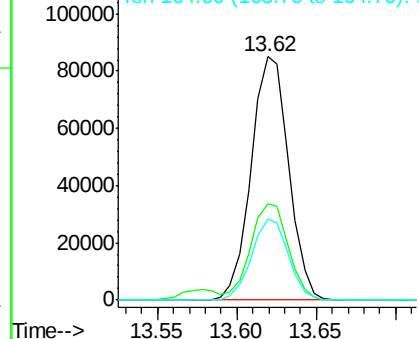


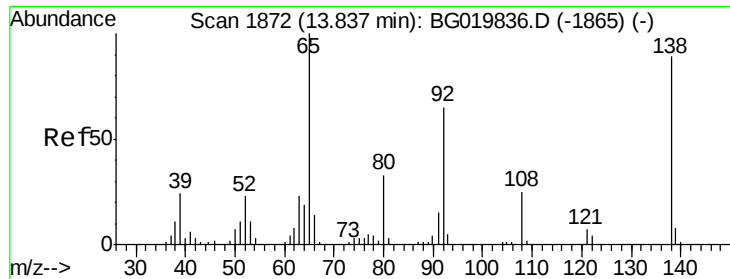
#46
2-Chloronaphthalene
Concen: 39.05 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:162 Resp: 139487
Ion Ratio Lower Upper
162 100
127 39.7 28.3 42.5
164 33.4 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

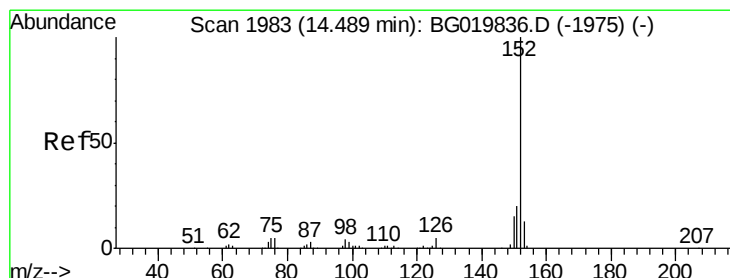
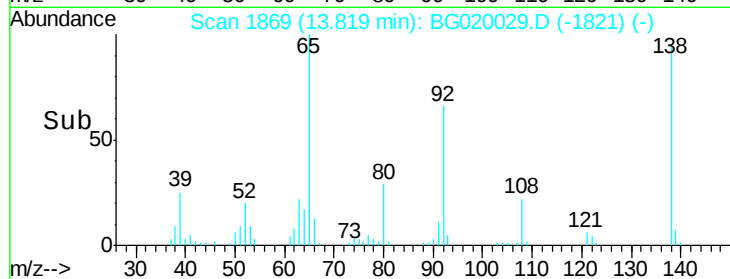
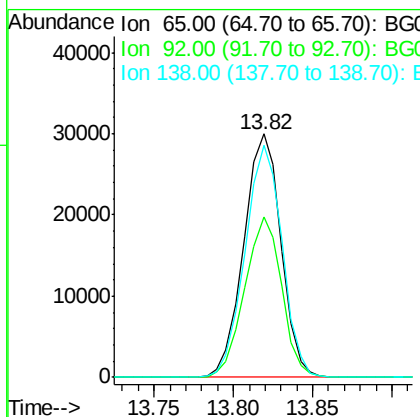
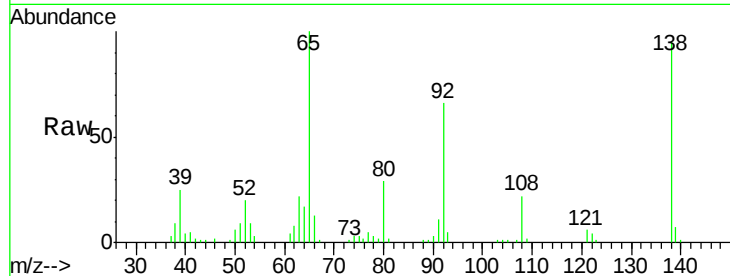




#47
2-Nitroaniline
Concen: 43.38 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

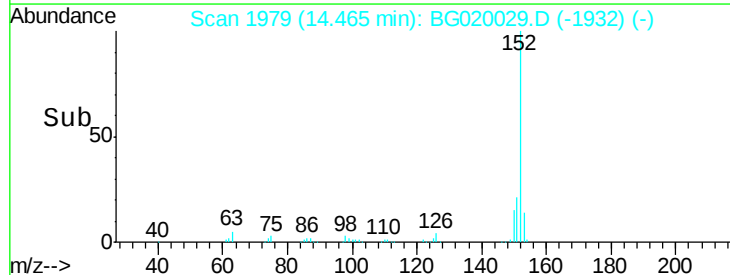
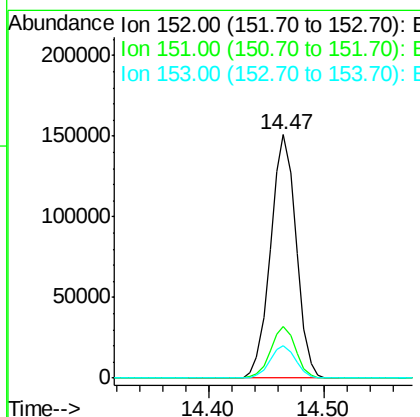
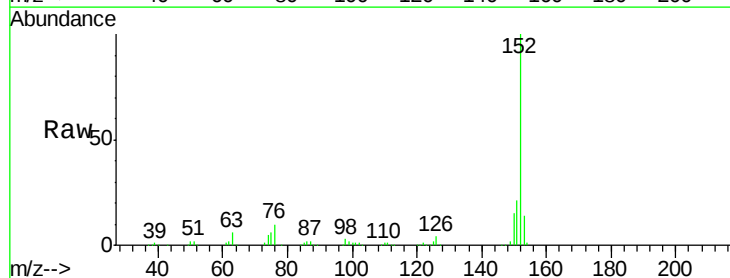
Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion: 65 Resp: 48947
Ion Ratio Lower Upper
65 100
92 65.6 54.8 82.2
138 95.4 89.6 134.4



#48
Acenaphthylene
Concen: 38.34 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion: 152 Resp: 233296
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.4
153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 37.01 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

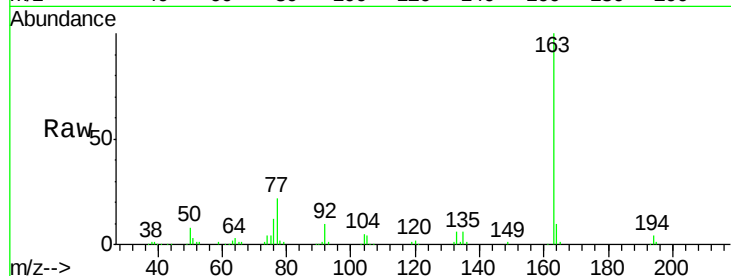
Instrument :

BNA_G

ClientSampleId :

PB87147BS

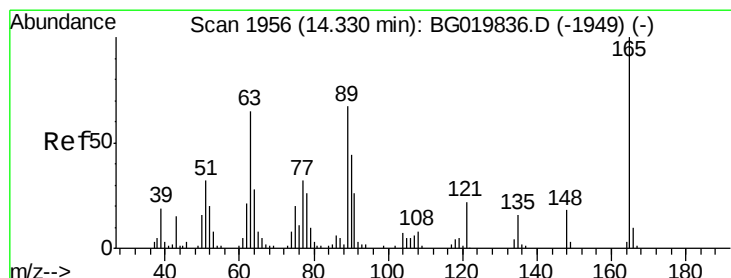
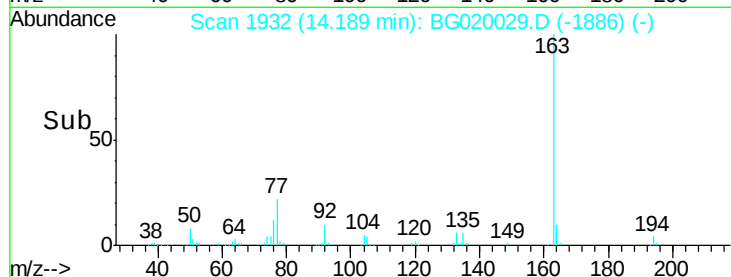
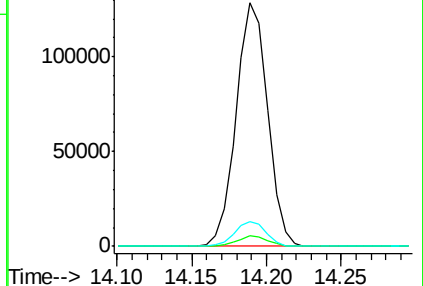
Tgt Ion:	163	Resp:	187986
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.3	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.60 ng

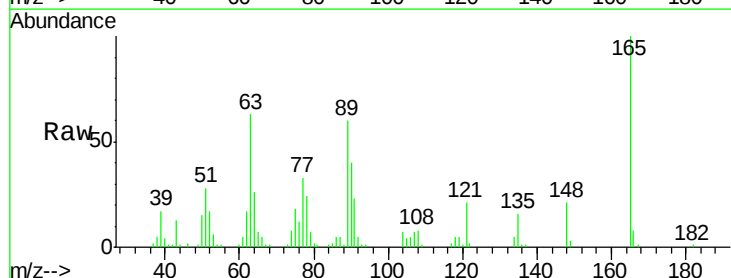
RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

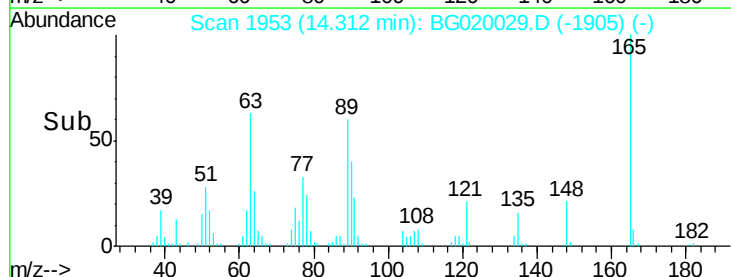
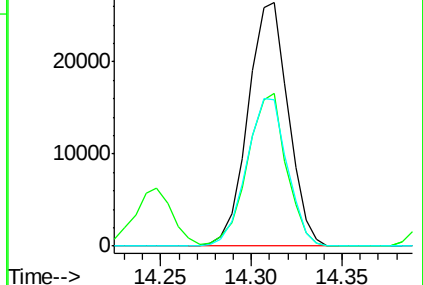
Tgt Ion:	165	Resp:	40686
Ion	Ratio	Lower	Upper
165	100		
63	63.0	35.7	53.5#
89	60.1	39.7	59.5#

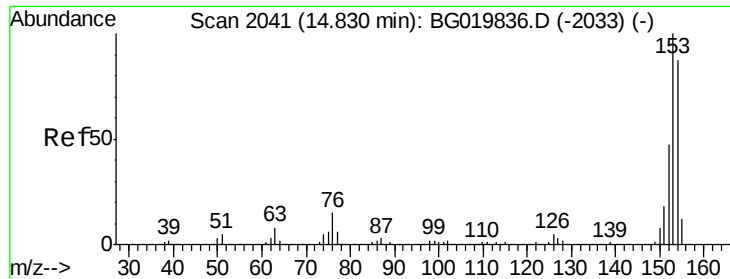


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.31 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

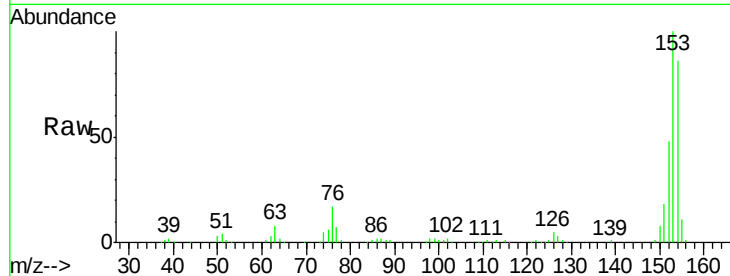
Tgt Ion:154 Resp: 152508

Ion Ratio Lower Upper

154 100

153 116.4 92.9 139.3

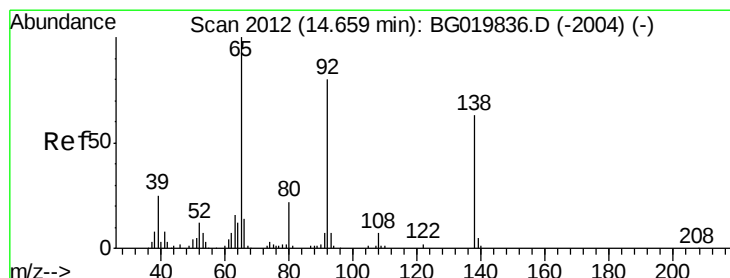
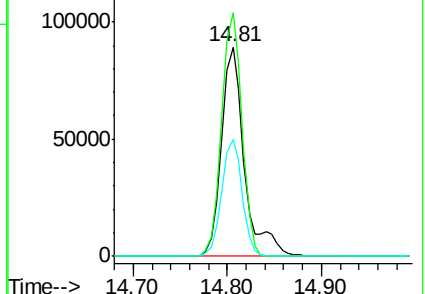
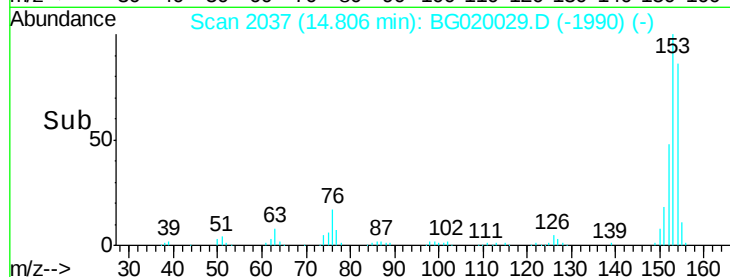
152 55.8 45.8 68.8



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: 27.38 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

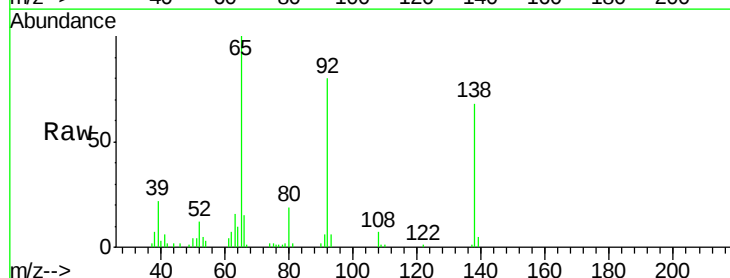
Tgt Ion:138 Resp: 27163

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

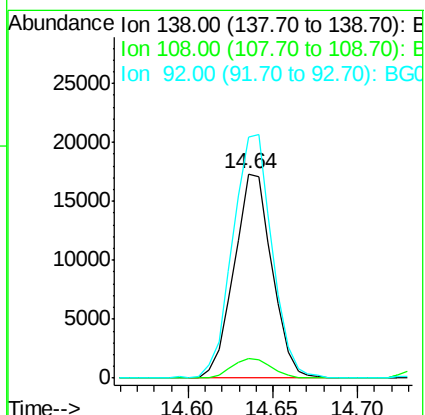
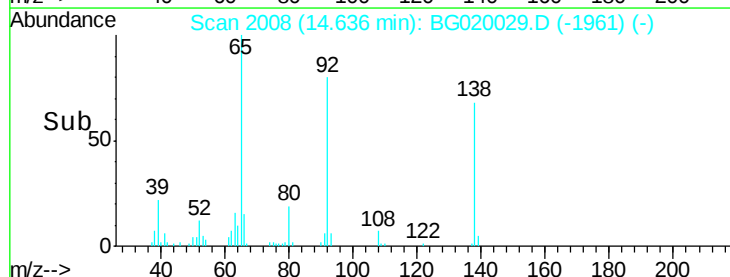
92 118.0 94.2 141.4

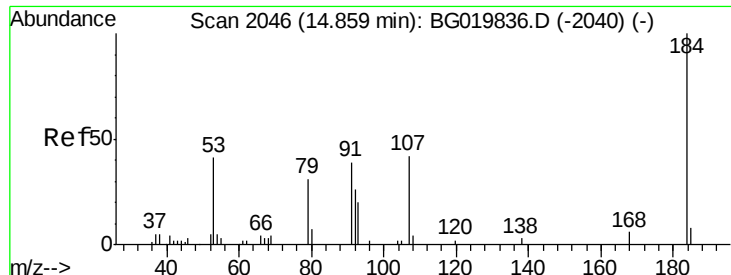


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

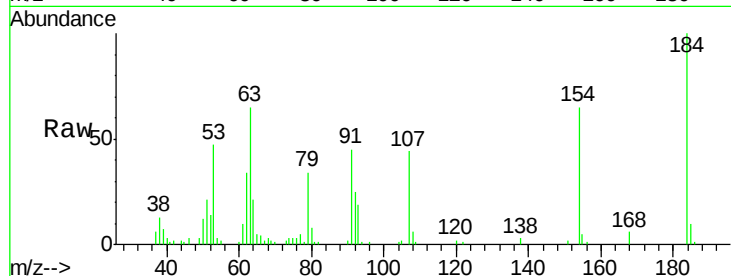




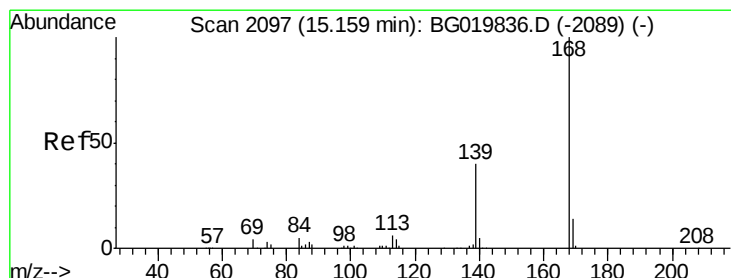
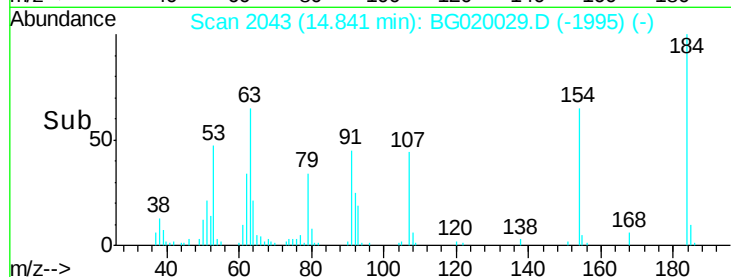
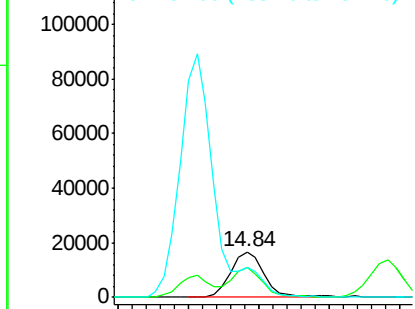
#53
2,4-Dinitrophenol
Concen: 57.48 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion:184 Resp: 27714
Ion Ratio Lower Upper
184 100
63 64.8 42.7 64.1#
154 64.7 44.3 66.5

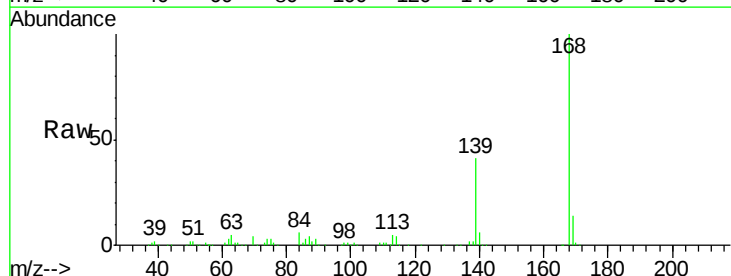


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

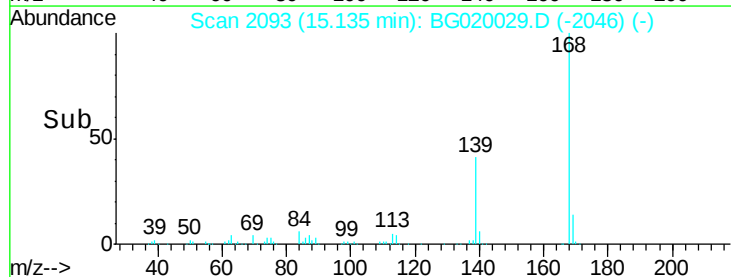
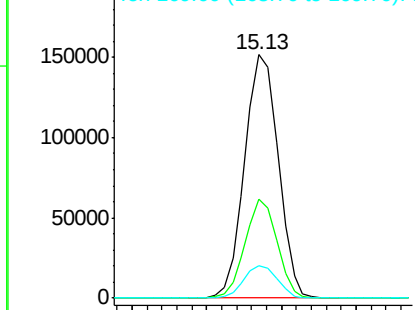


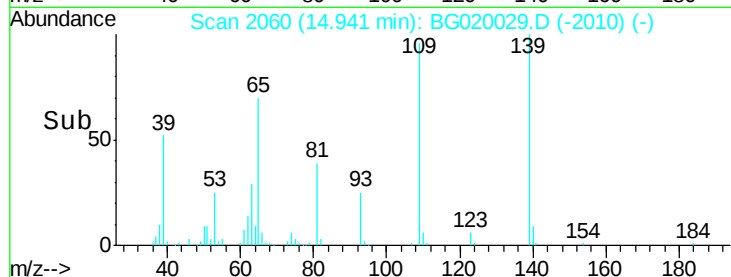
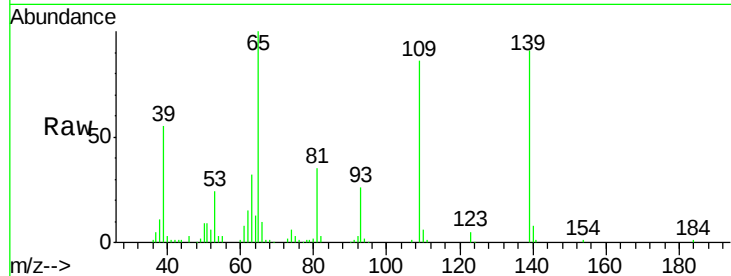
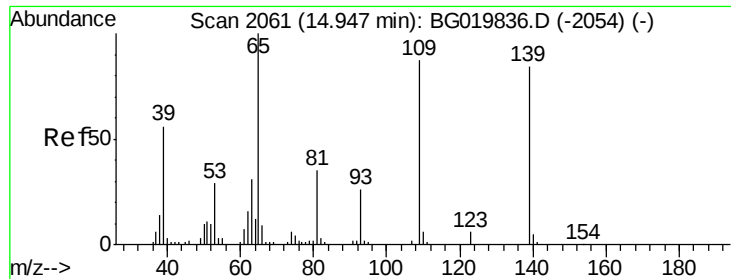
#54
Dibenzofuran
Concen: 43.04 ng
RT: 15.13 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:168 Resp: 236373
Ion Ratio Lower Upper
168 100
139 40.6 27.4 41.0
169 13.6 11.0 16.4



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





#55

4-Nitrophenol

Concen: 75.54 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

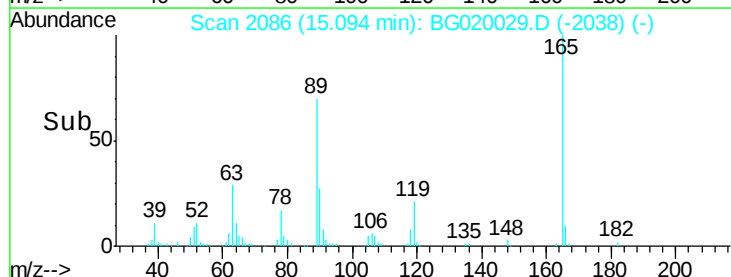
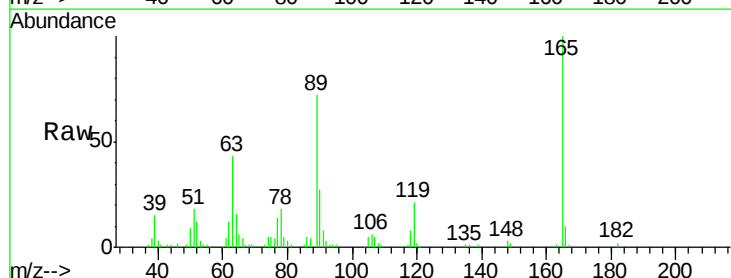
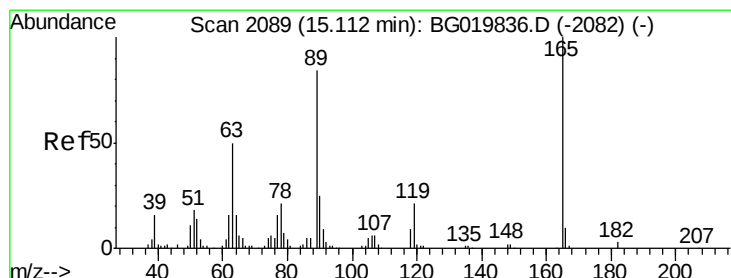
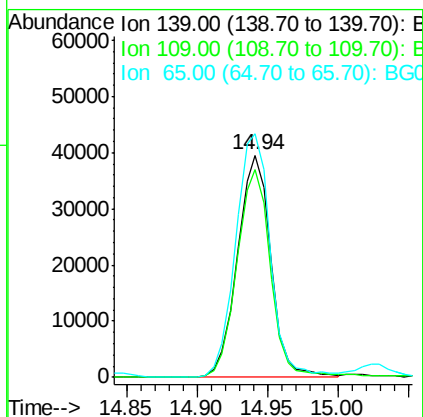
Tgt Ion:139 Resp: 65279

Ion Ratio Lower Upper

139 100

109 93.9 43.2 83.2#

65 109.7 67.8 107.8#



#56

2,4-Dinitrotoluene

Concen: 44.26 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Tgt Ion:165 Resp: 58978

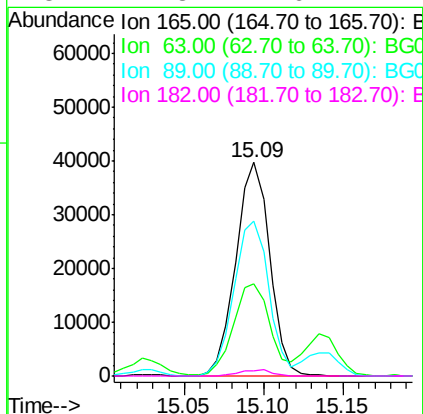
Ion Ratio Lower Upper

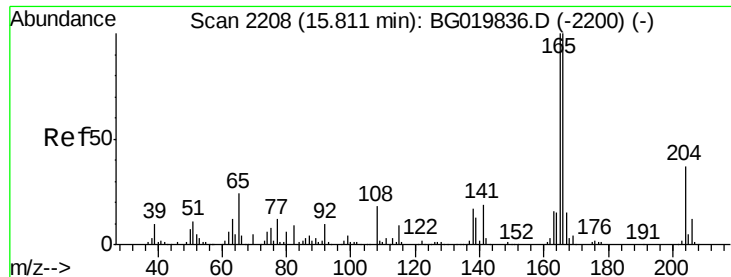
165 100

63 43.0 31.0 46.4

89 72.5 54.4 81.6

182 2.3 1.6 2.4

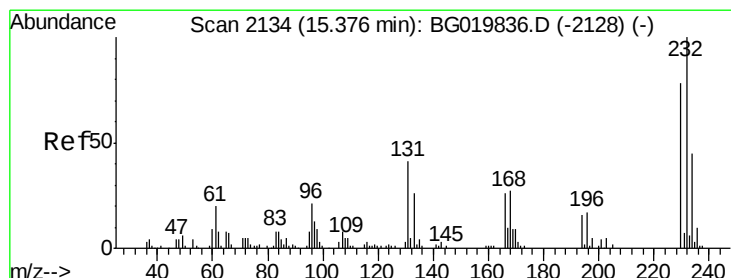
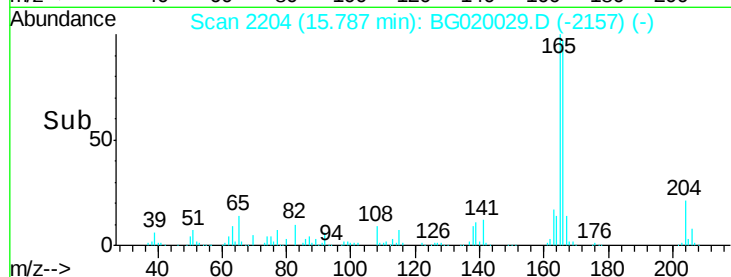
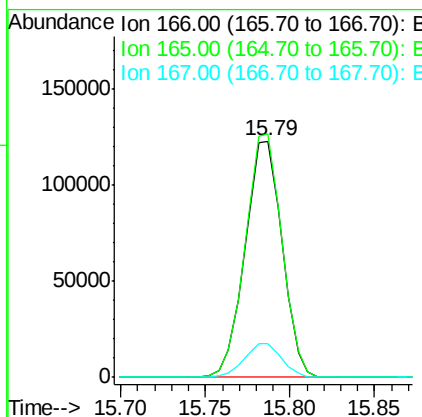
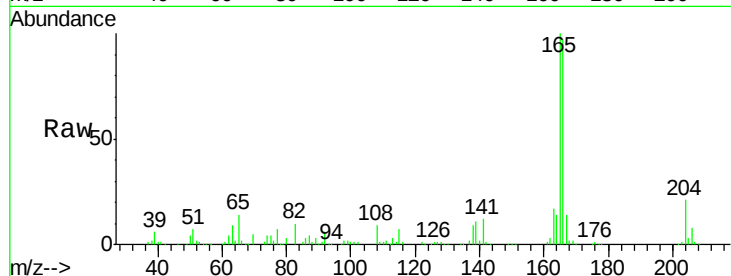




#57
 Fluorene
 Concen: 38.21 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

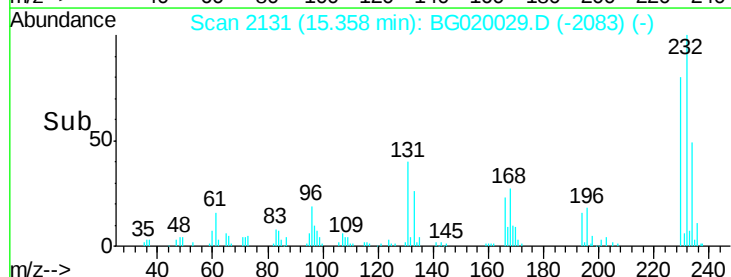
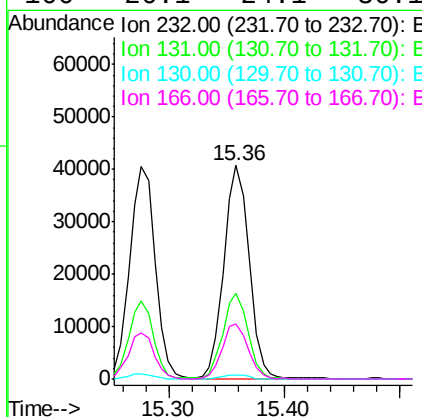
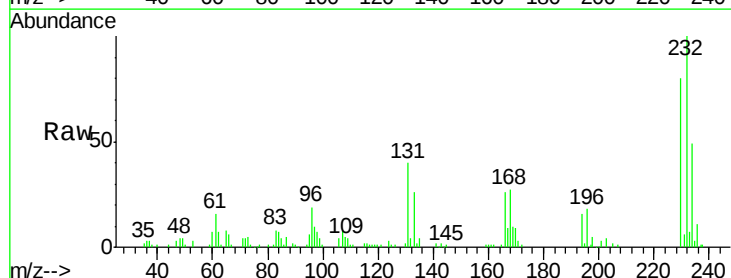
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

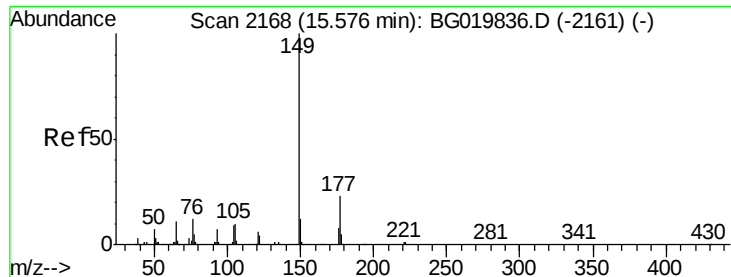
Tgt Ion:166 Resp: 187846
 Ion Ratio Lower Upper
 166 100
 165 103.0 80.0 120.0
 167 14.5 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.14 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion:232 Resp: 62643
 Ion Ratio Lower Upper
 232 100
 131 39.4 33.0 49.6
 130 1.9 2.0 3.0#
 166 26.1 24.1 36.1





#59

Diethylphthalate

Concen: 35.62 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

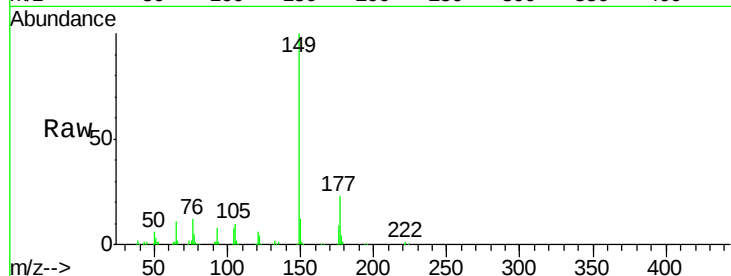
Tgt Ion:149 Resp: 195800

Ion Ratio Lower Upper

149 100

177 23.1 19.6 29.4

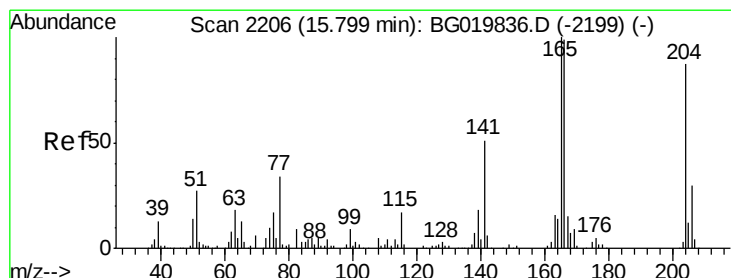
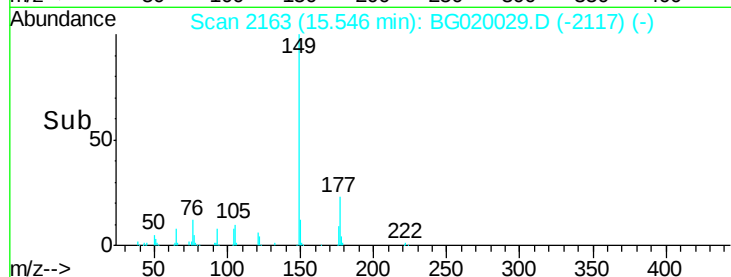
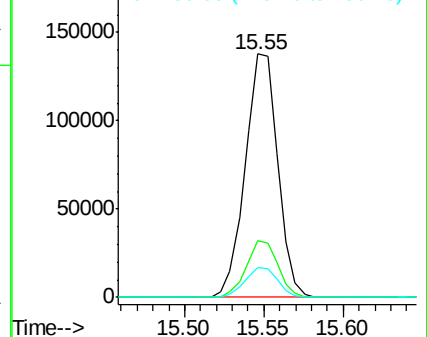
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.90 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

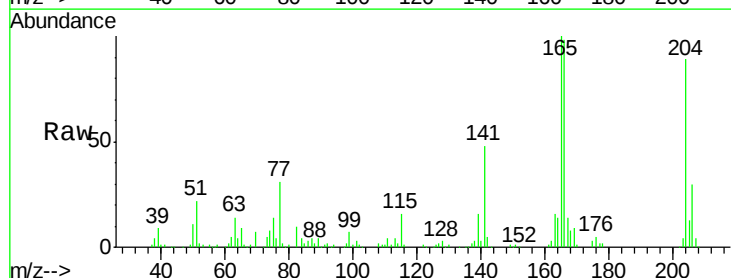
Tgt Ion:204 Resp: 106984

Ion Ratio Lower Upper

204 100

206 33.0 28.3 42.5

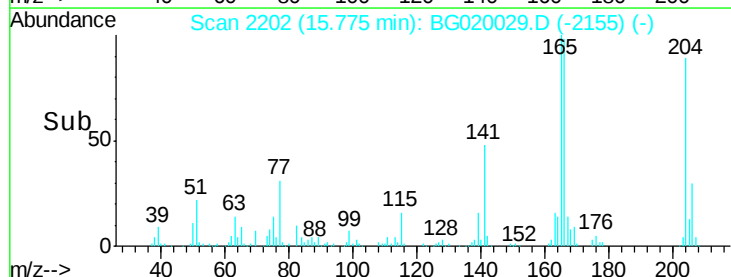
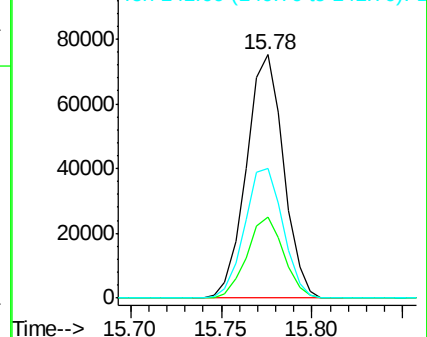
141 53.4 44.0 66.0

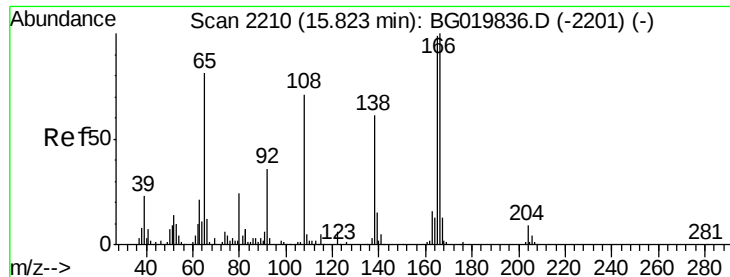


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

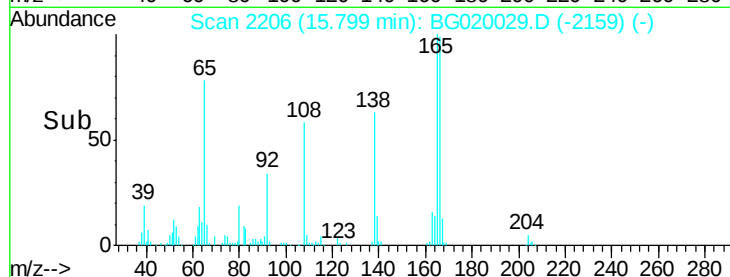
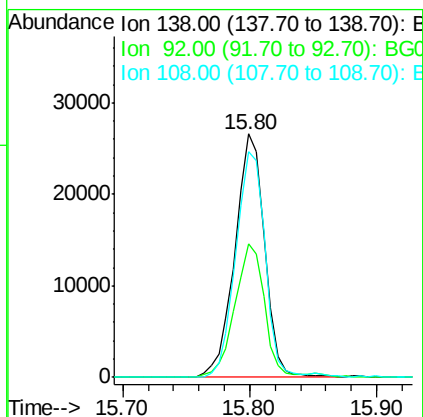
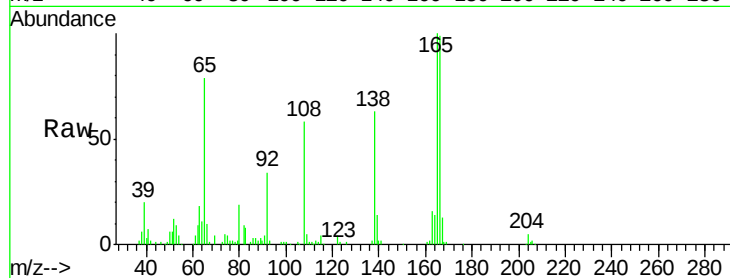




#61
4-Nitroaniline
Concen: 38.50 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

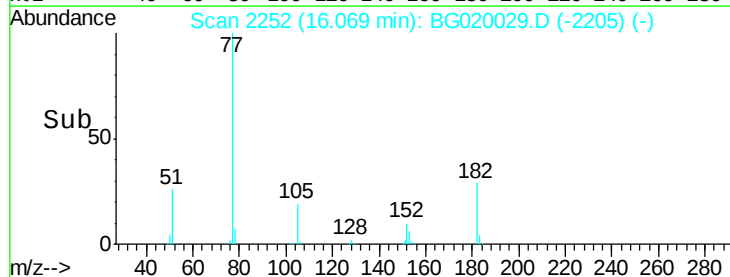
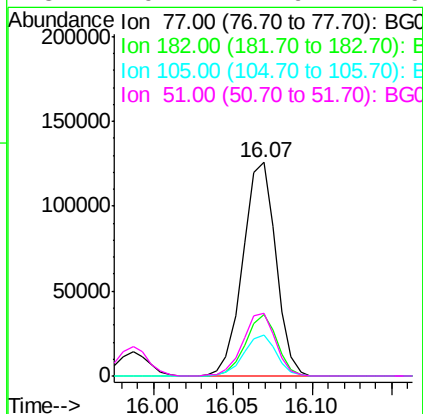
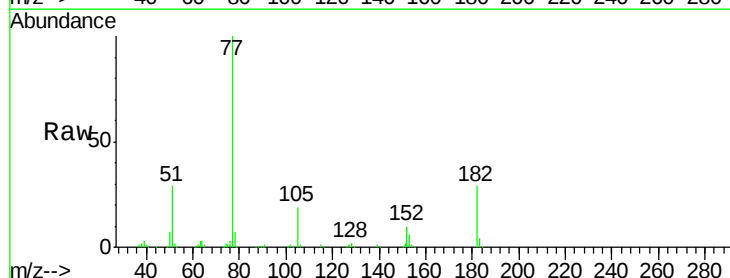
Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion: 138 Resp: 42970
Ion Ratio Lower Upper
138 100
92 54.8 29.1 69.1
108 92.7 49.8 89.8#



#62
Azobenzene
Concen: 39.77 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion: 77 Resp: 181917
Ion Ratio Lower Upper
77 100
182 28.6 7.0 47.0
105 19.0 1.4 41.4
51 29.1 4.9 44.9

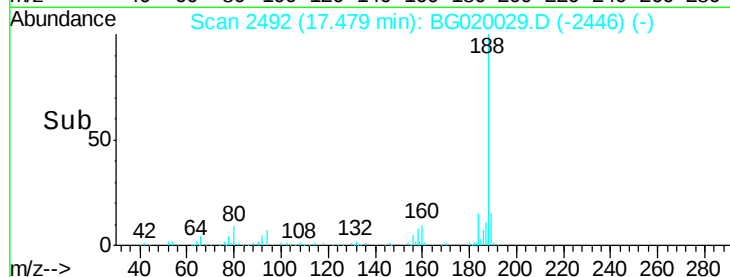
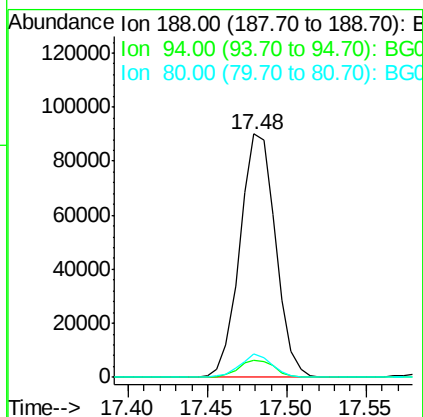
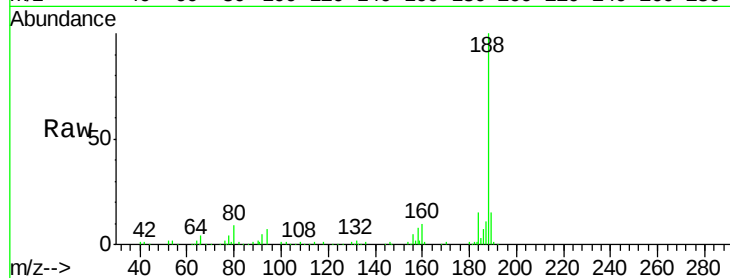




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

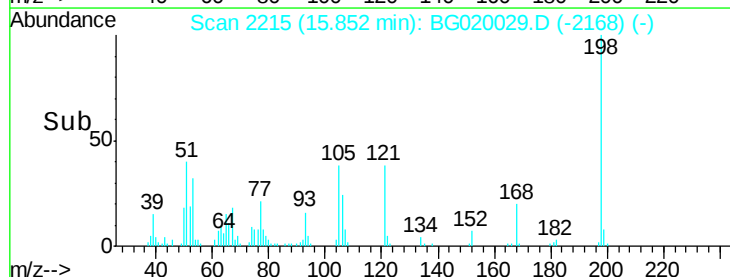
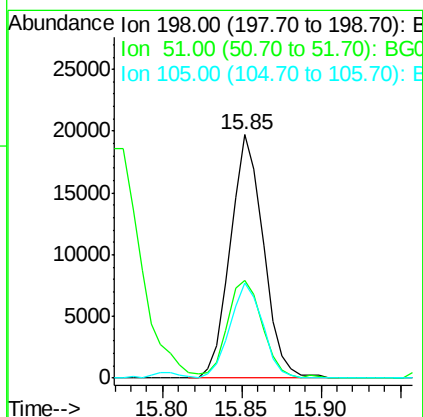
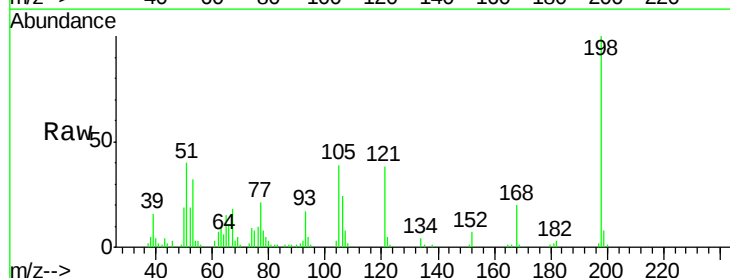
Instrument :
BNA_G
ClientSampleId :
PB87147BS

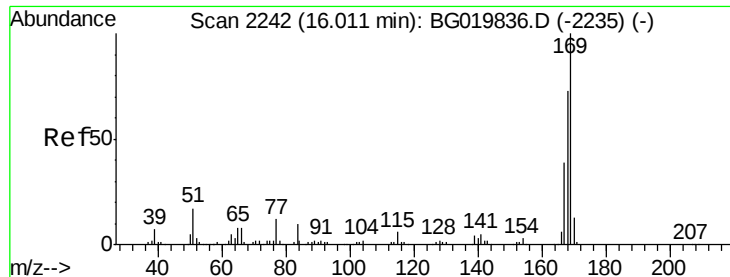
Tgt Ion:188 Resp: 140008
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 9.4 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.79 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:198 Resp: 28554
Ion Ratio Lower Upper
198 100
51 40.1 14.2 54.2
105 39.0 21.1 61.1

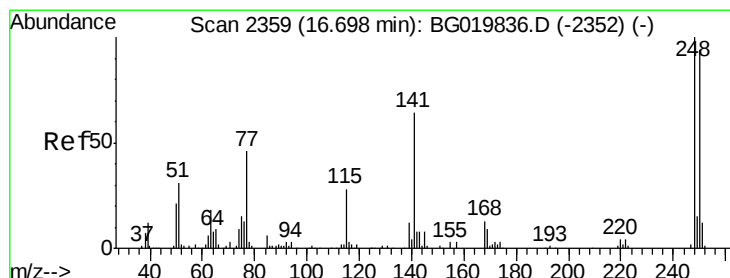
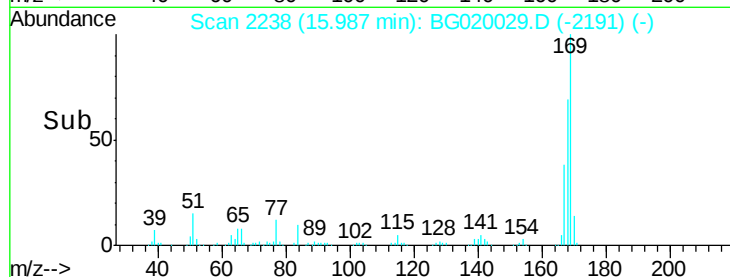
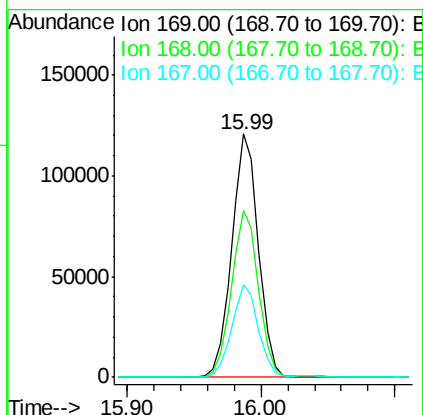
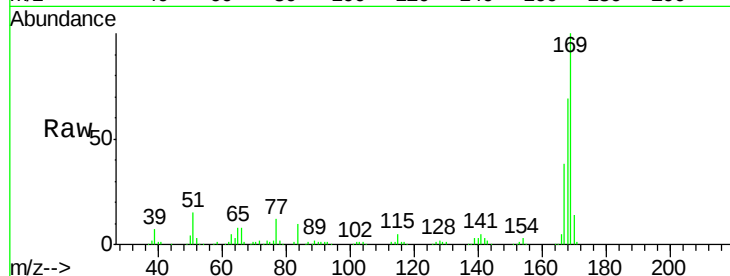




#65
 n-Nitrosodiphenylamine
 Concen: 41.30 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

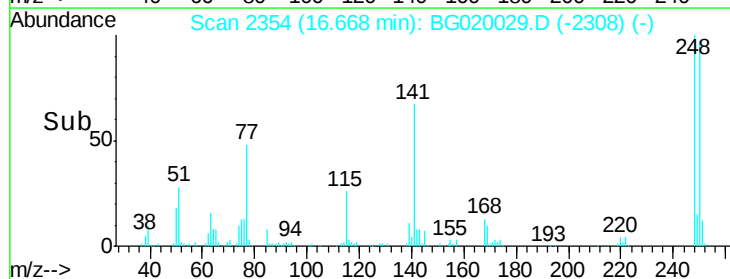
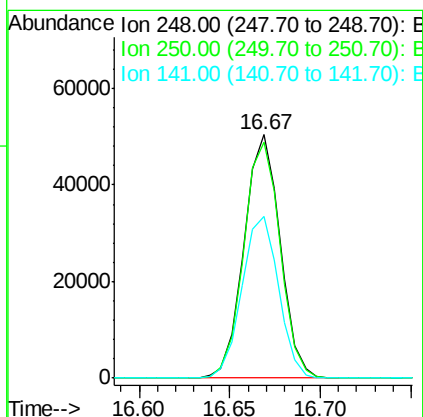
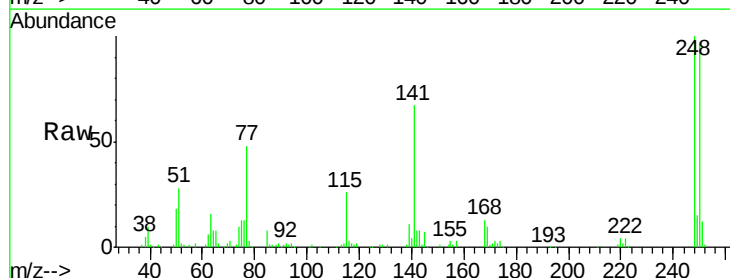
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

Tgt Ion:169 Resp: 167312
 Ion Ratio Lower Upper
 169 100
 168 68.6 58.2 87.2
 167 37.8 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 40.18 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.03 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion:248 Resp: 69895
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.8 116.8
 141 66.7 50.4 75.6

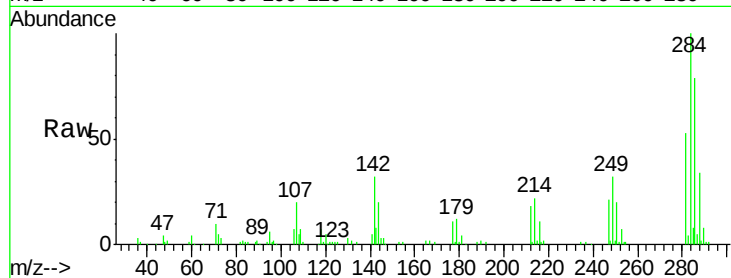




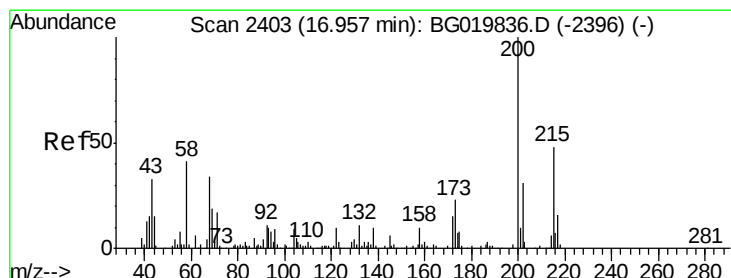
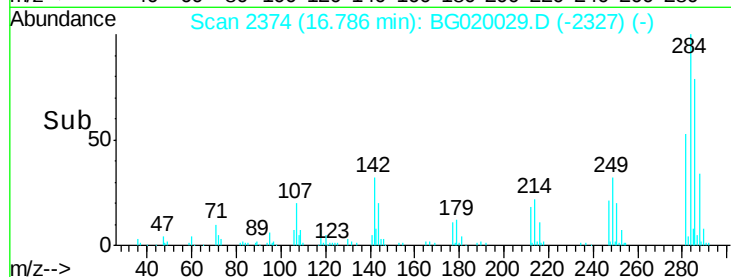
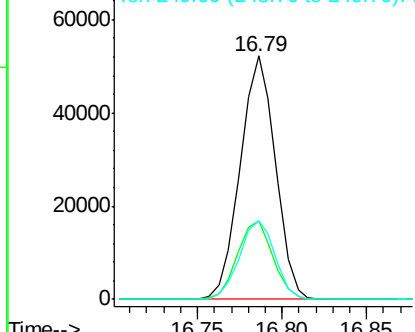
#67
Hexachlorobenzene
Concen: 41.86 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.6	39.8
249	32.3	26.2	39.2

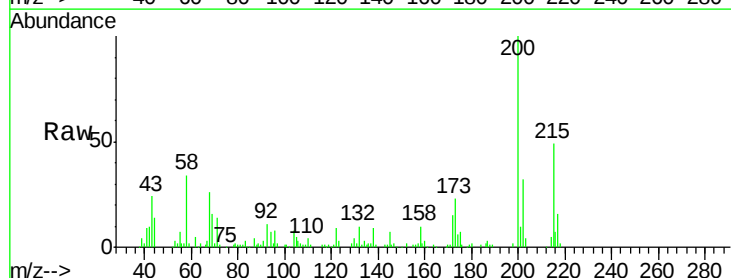


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

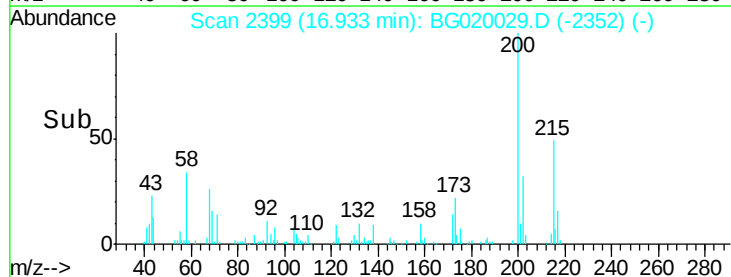
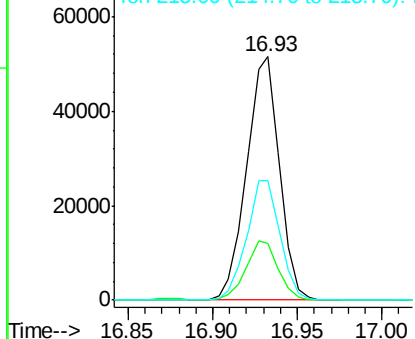


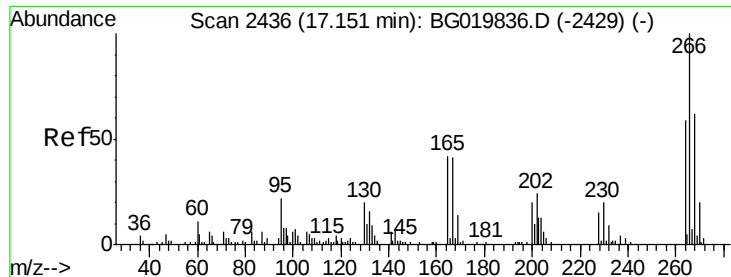
#68
Atrazine
Concen: 39.48 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	49.0	27.0	67.0



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: 84.10 ng

RT: 17.13 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

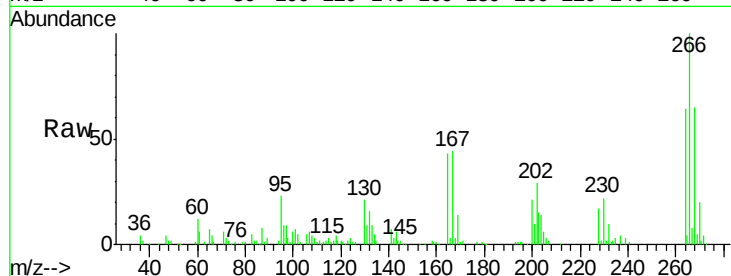
Tgt Ion:266 Resp: 88960

Ion Ratio Lower Upper

266 100

268 65.0 47.6 71.4

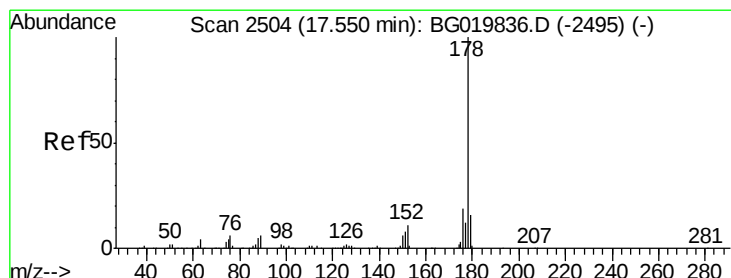
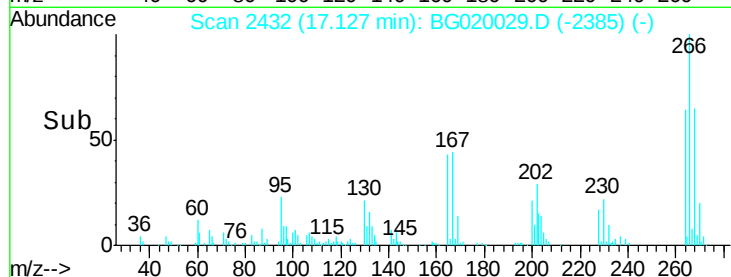
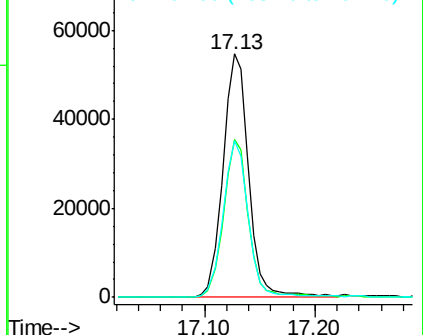
264 64.3 48.1 72.1



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: 40.57 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

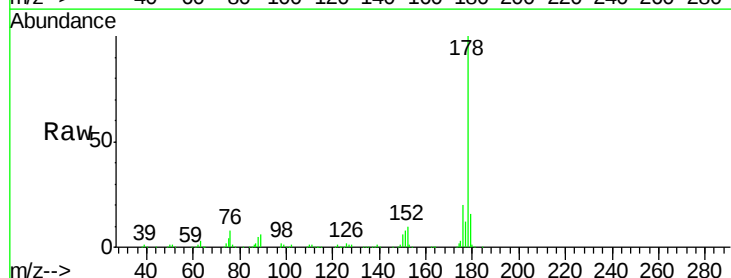
Tgt Ion:178 Resp: 321340

Ion Ratio Lower Upper

178 100

176 19.6 16.7 25.1

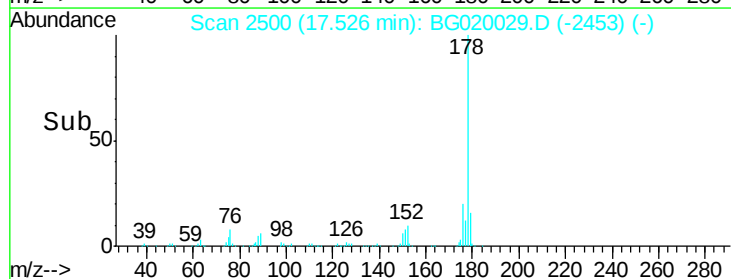
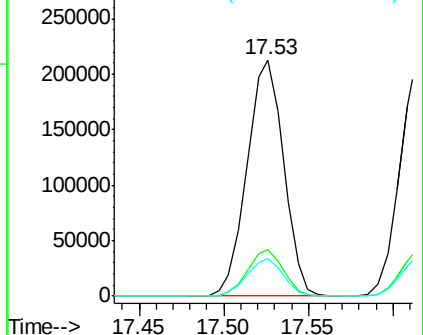
179 16.0 13.9 20.9

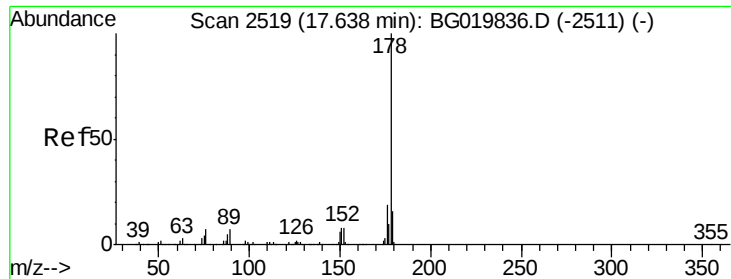


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

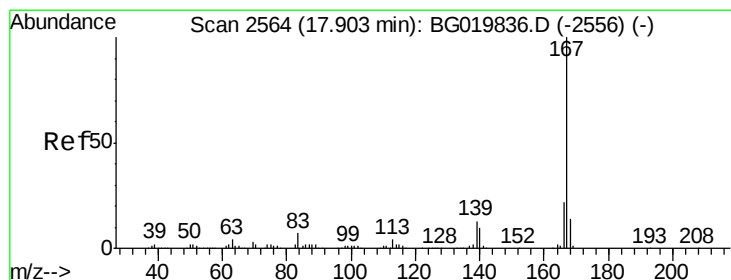
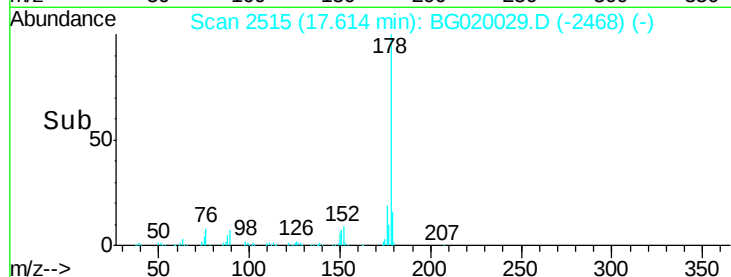
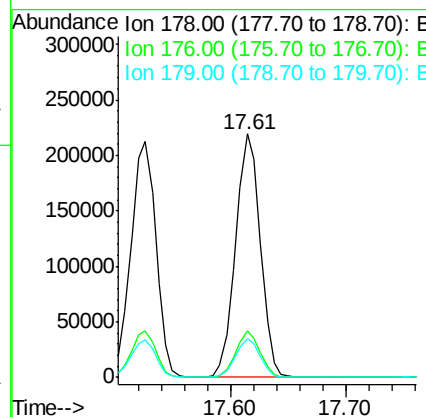
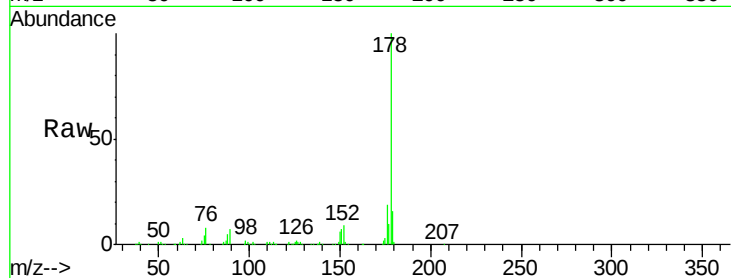




#71
 Anthracene
 Concen: 40.33 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

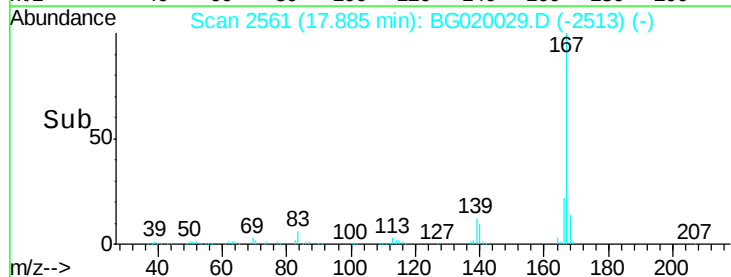
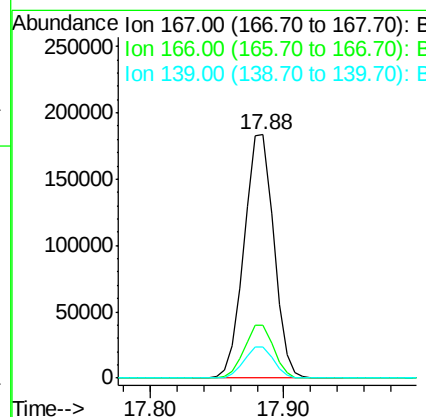
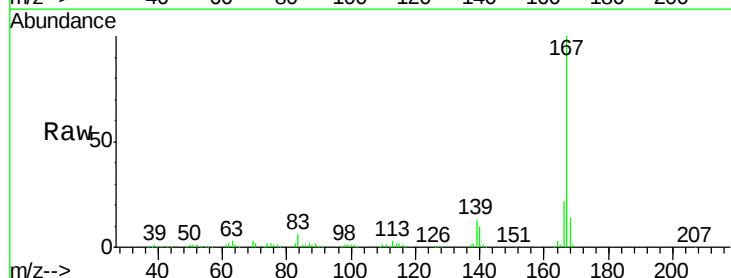
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	16.1	13.9	20.9



#72
 Carbazole
 Concen: 39.71 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	19.0	28.6
139	13.0	10.2	15.4

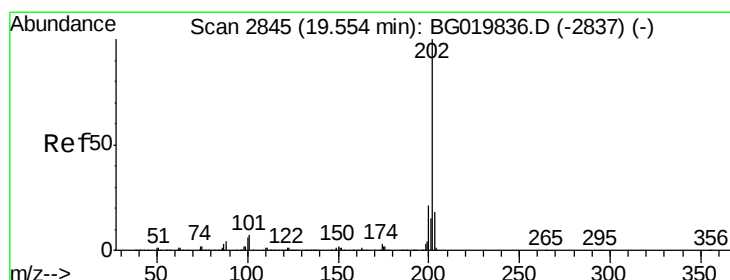
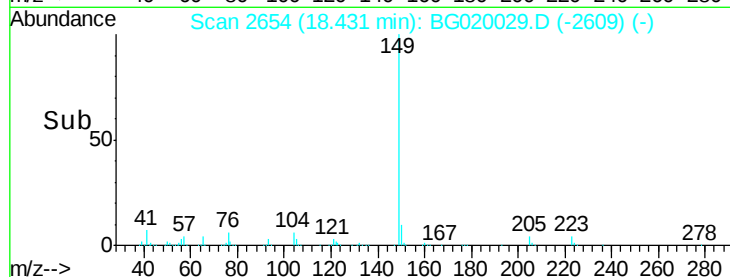
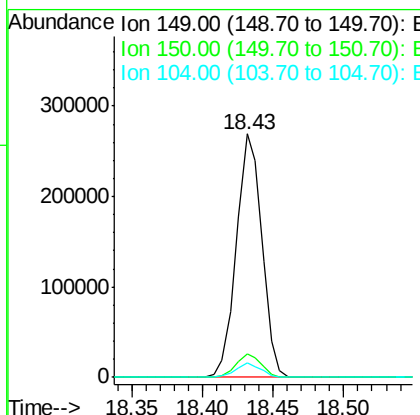
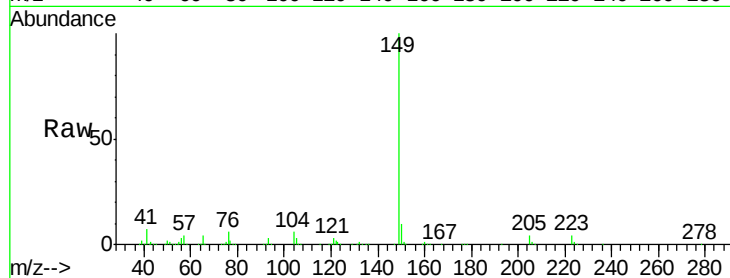




#73
Di-n-butylphthalate
Concen: 38.79 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

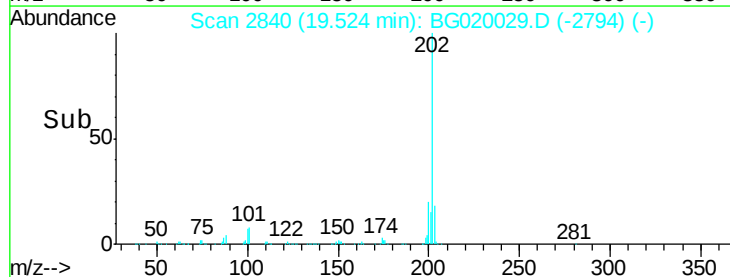
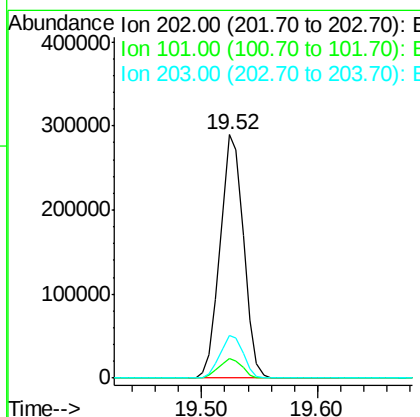
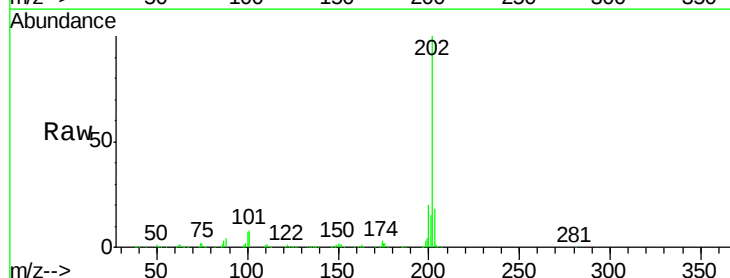
Instrument :
BNA_G
ClientSampleId :
PB87147BS

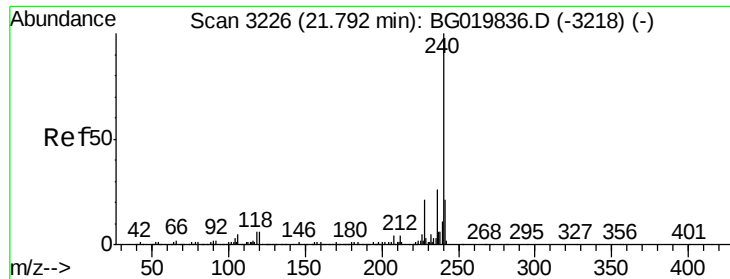
Tgt Ion:149 Resp: 337909
Ion Ratio Lower Upper
149 100
150 9.7 8.2 12.4
104 5.9 4.4 6.6



#74
Fluoranthene
Concen: 40.10 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020029.D
Acq: 9 Dec 2015 5:32

Tgt Ion:202 Resp: 406328
Ion Ratio Lower Upper
202 100
101 8.0 0.0 32.4
203 17.6 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

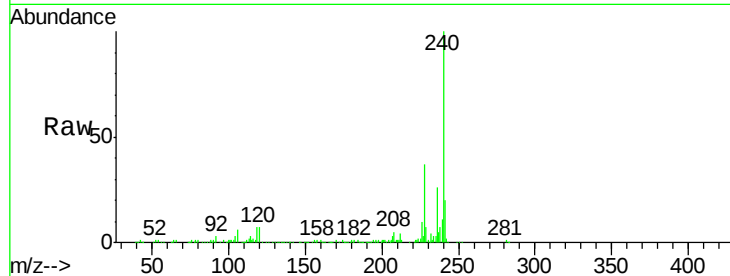
Tgt Ion:240 Resp: 172515

Ion Ratio Lower Upper

240 100

120 6.7 7.4 11.0#

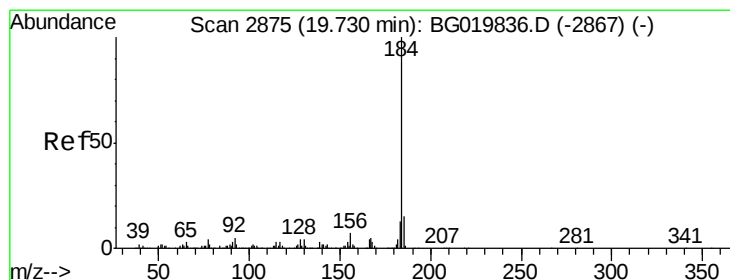
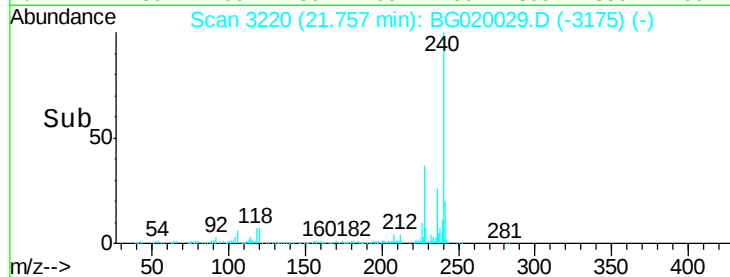
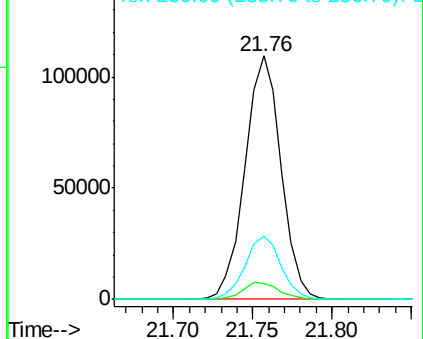
236 25.8 20.7 31.1



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: 19.66 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

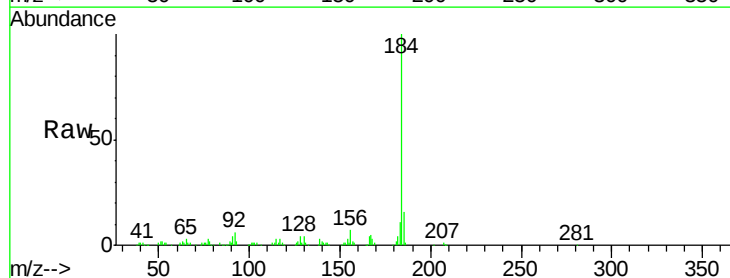
Tgt Ion:184 Resp: 111384

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.2

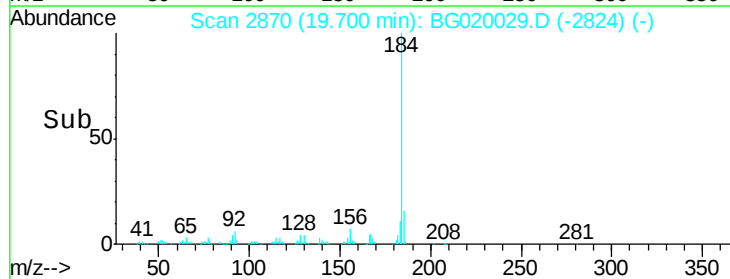
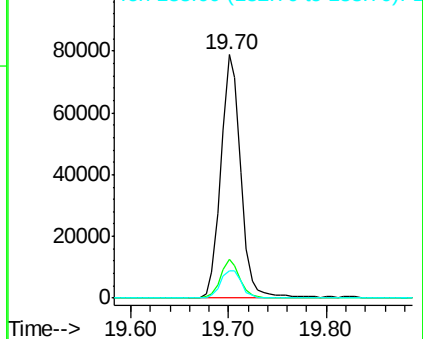
183 11.4 10.1 15.1

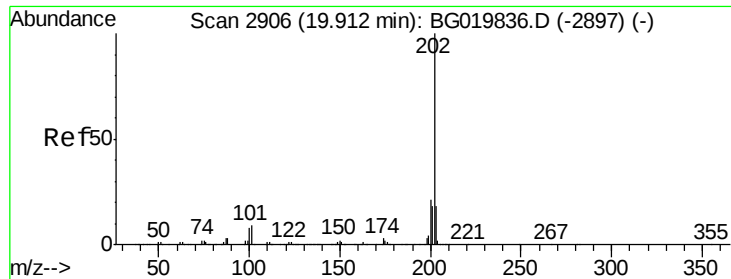


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

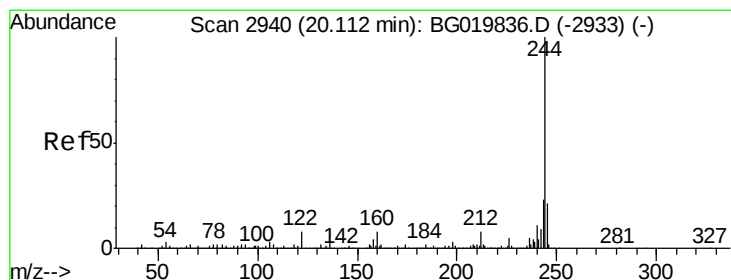
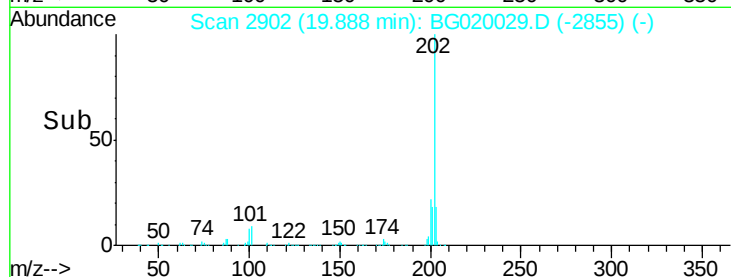
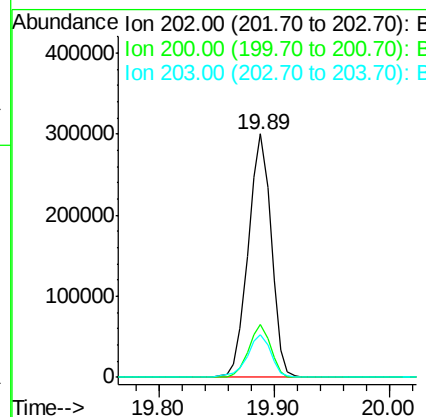
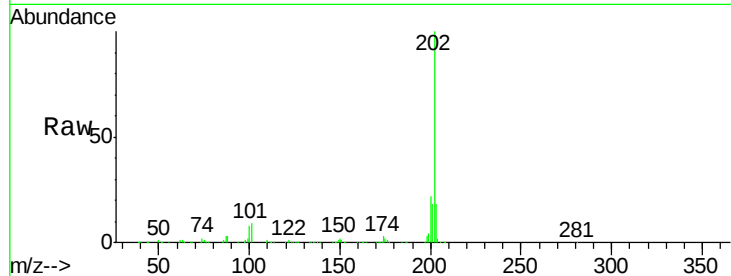




#77
 Pyrene
 Concen: 40.91 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

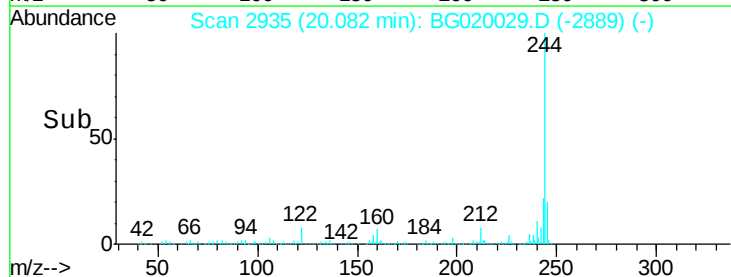
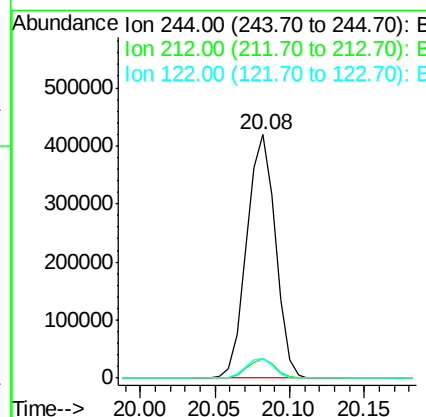
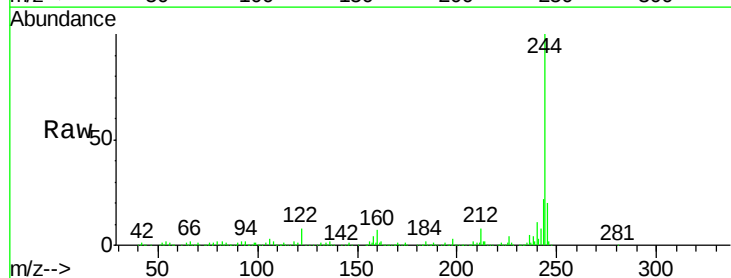
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

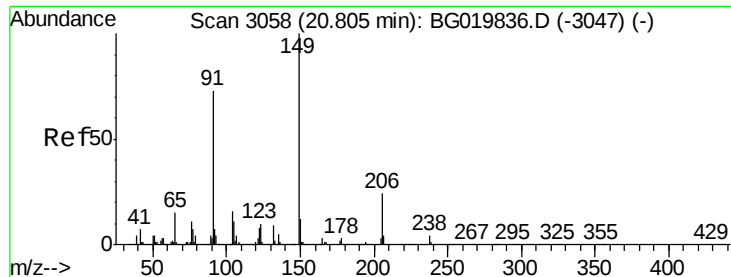
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.4	29.0
203	17.5	15.5	23.3



#78
 Terphenyl-d14
 Concen: 78.56 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.8	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 39.89 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.04 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

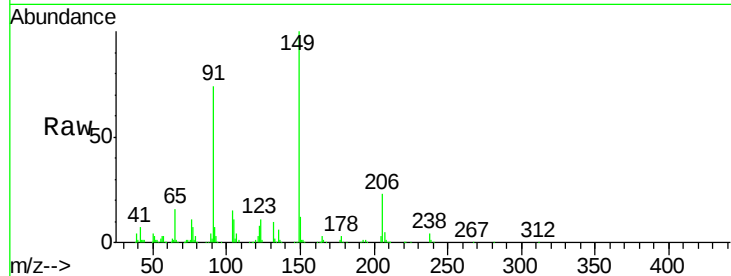
Tgt Ion:149 Resp: 158667

Ion Ratio Lower Upper

149 100

91 74.1 58.1 87.1

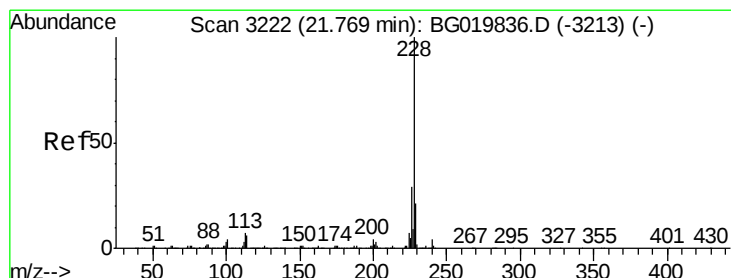
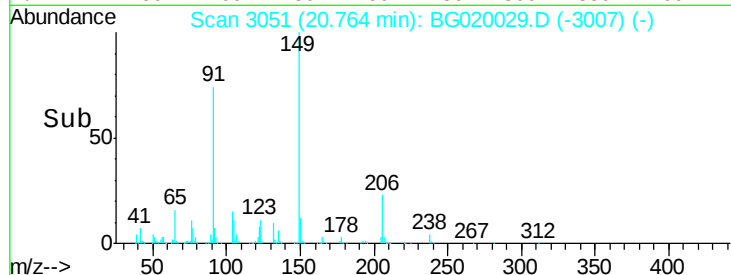
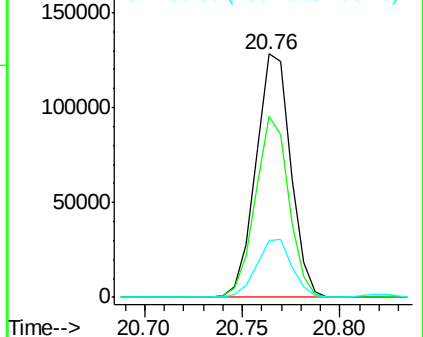
206 23.5 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.15 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.03 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

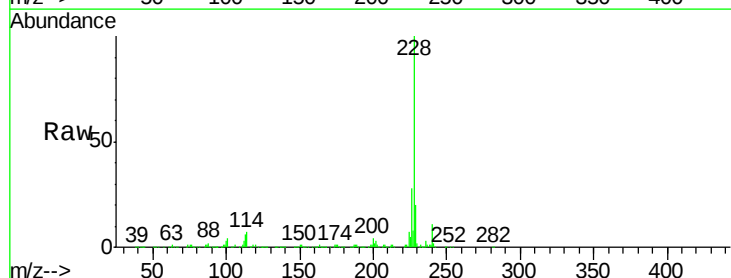
Tgt Ion:228 Resp: 423997

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.0

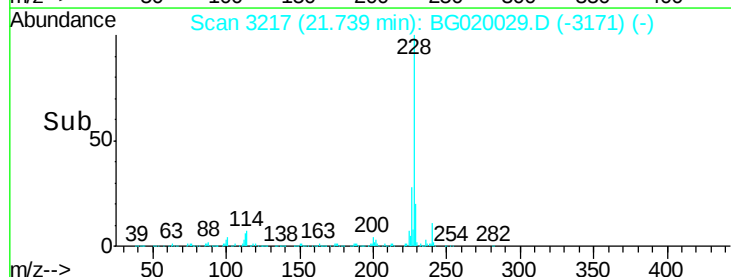
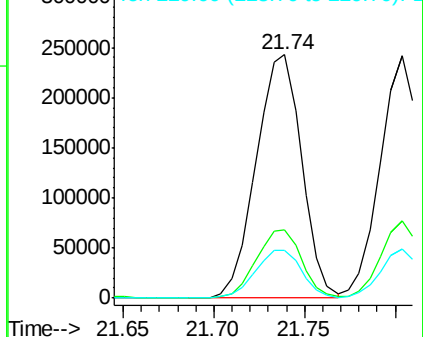
229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

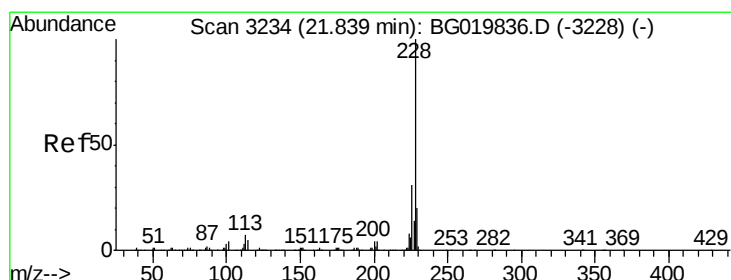
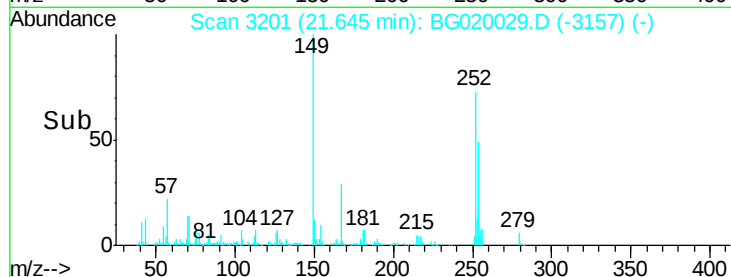
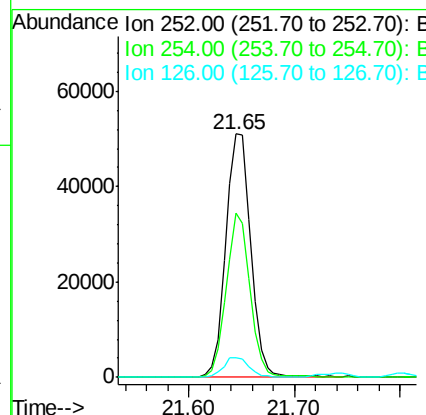
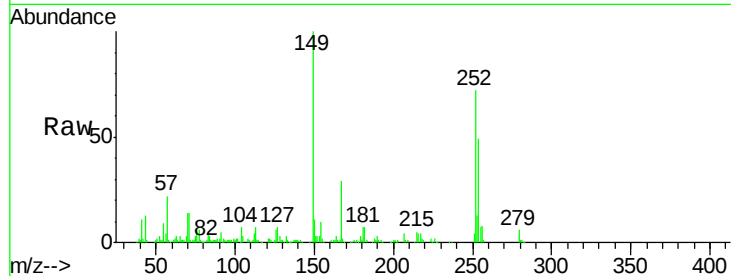




#81
 3,3'-Dichlorobenzidine
 Concen: 20.96 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

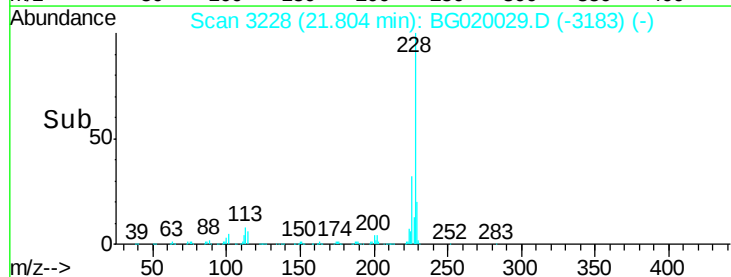
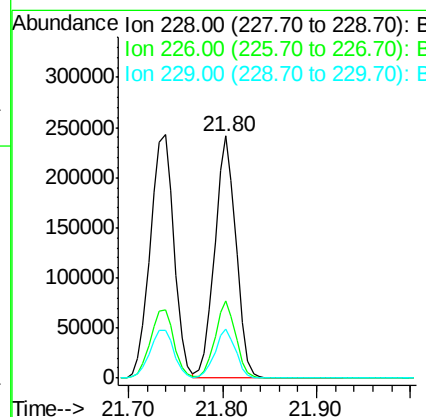
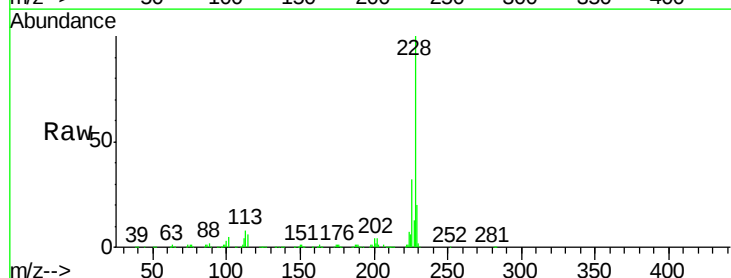
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

Tgt Ion:252 Resp: 84278
 Ion Ratio Lower Upper
 252 100
 254 67.3 52.5 78.7
 126 8.0 8.5 12.7#



#82
 Chrysene
 Concen: 38.35 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion:228 Resp: 384504
 Ion Ratio Lower Upper
 228 100
 226 31.7 26.7 40.1
 229 20.1 17.0 25.6

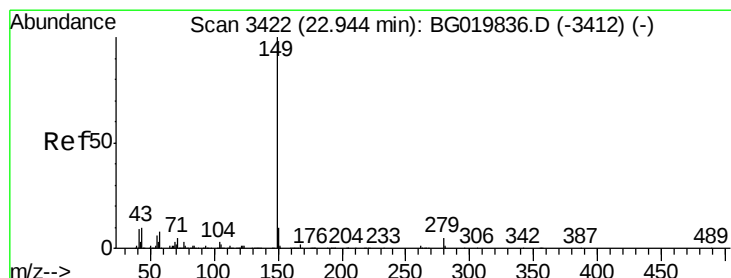
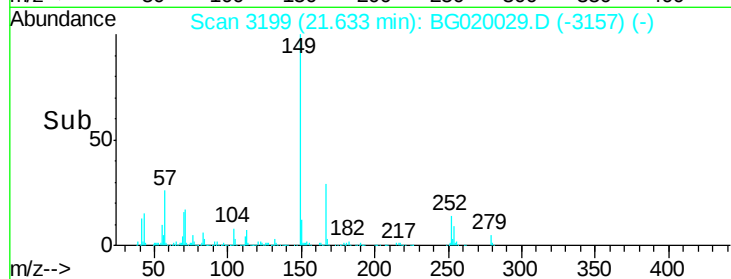
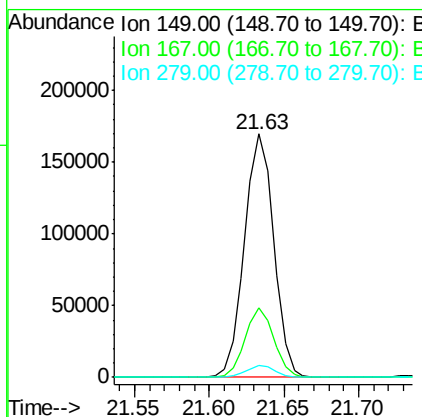
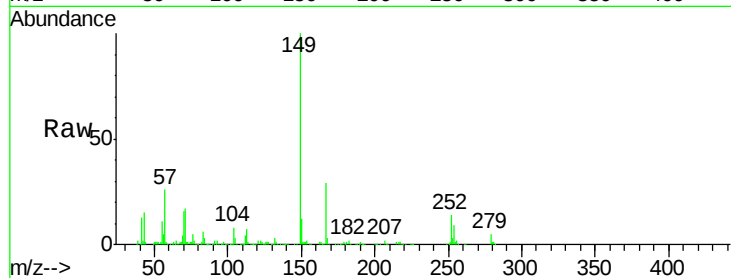




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.34 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

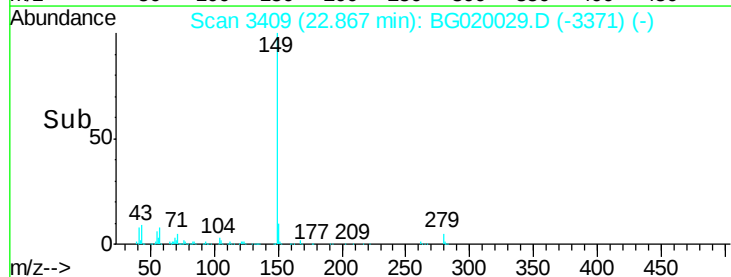
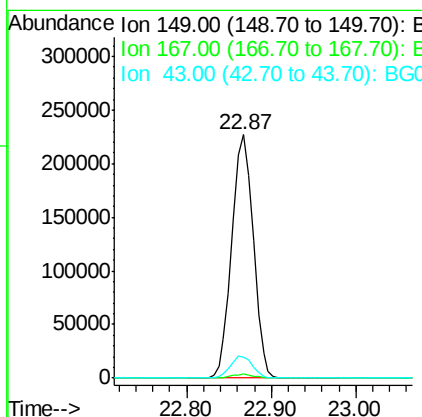
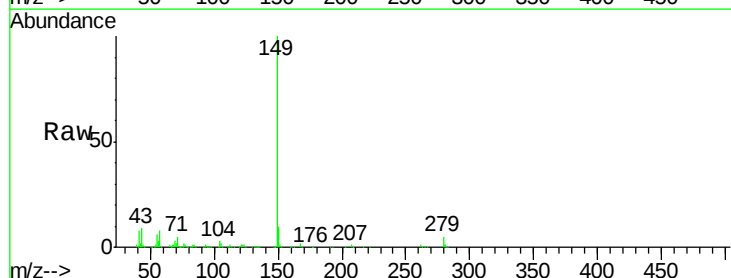
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BS

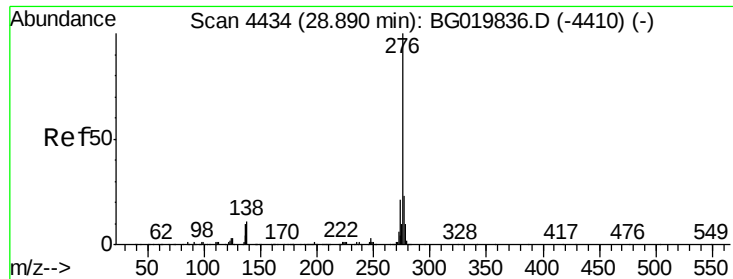
Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.8	35.8
279	5.1	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 41.87 ng
 RT: 22.87 min Scan# 3409
 Delta R.T. -0.08 min
 Lab File: BG020029.D
 Acq: 9 Dec 2015 5:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.4	5.9	8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.16 ng

RT: 28.78 min Scan# 4415

Delta R.T. -0.11 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

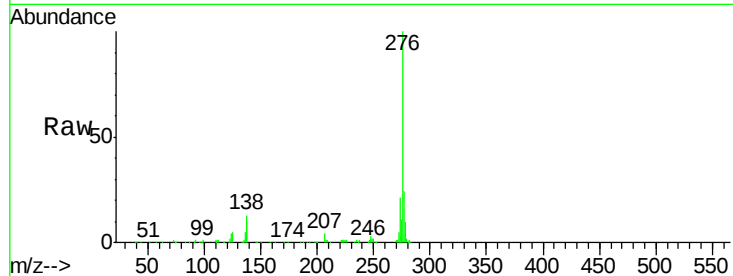
Tgt Ion:276 Resp: 465670

Ion Ratio Lower Upper

276 100

138 11.2 0.0 0.0#

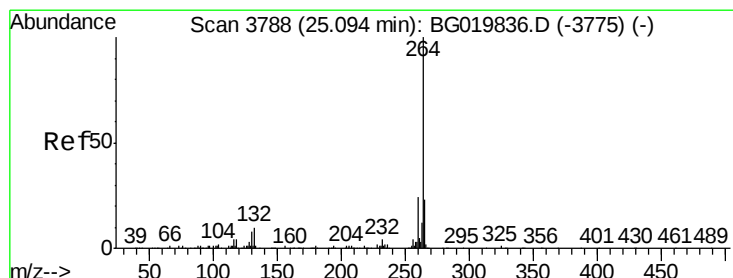
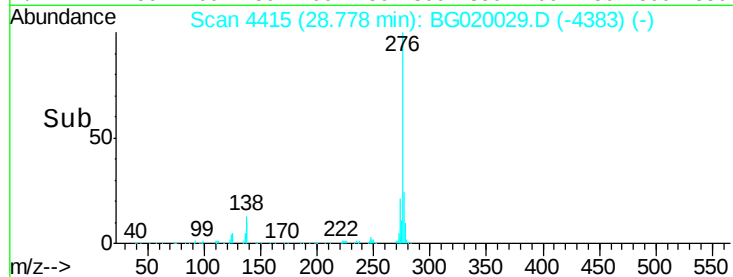
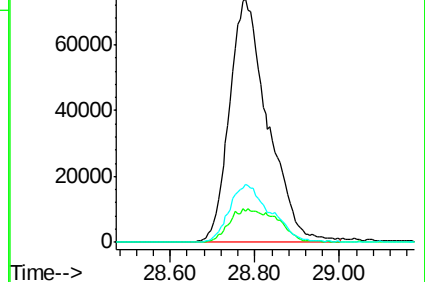
277 25.2 0.0 0.0#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

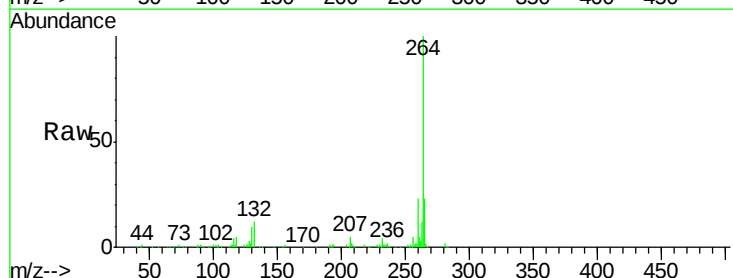
Tgt Ion:264 Resp: 164687

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

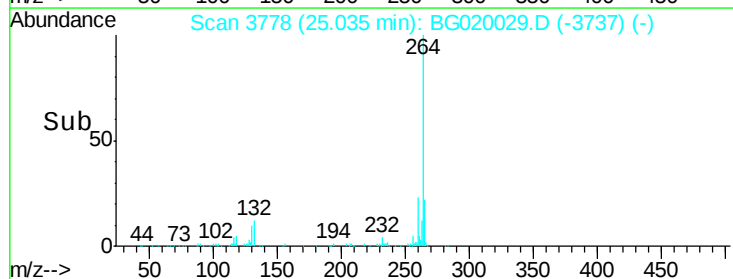
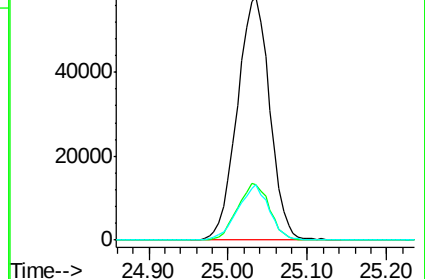
265 22.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.91 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

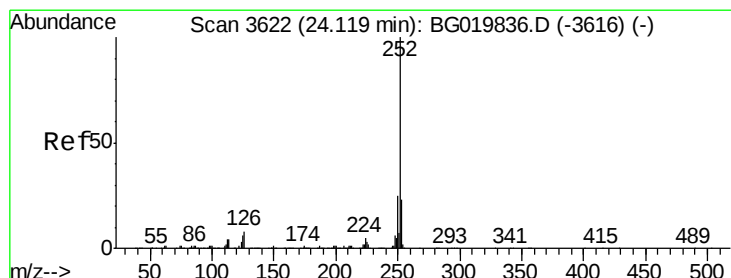
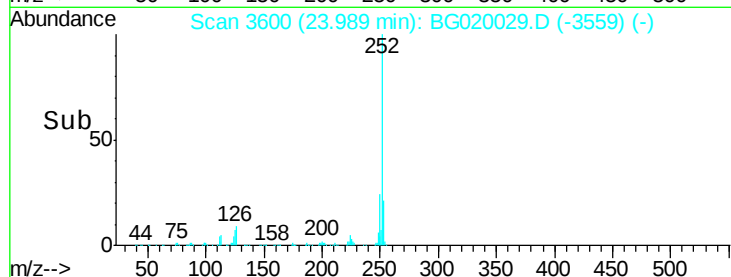
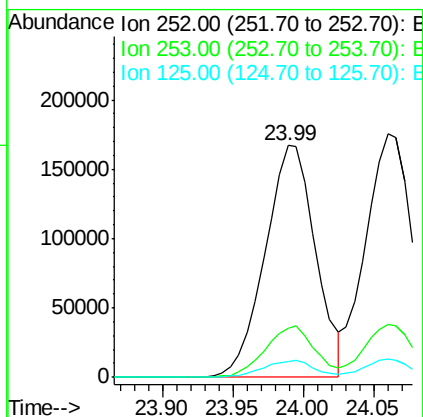
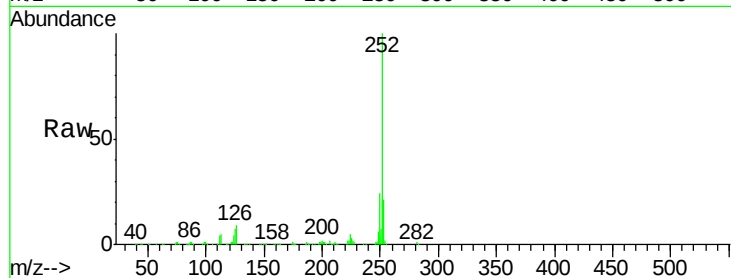
Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :
BNA_G
ClientSampleId :
PB87147BS

Tgt Ion:252 Resp: 416547

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.1	28.7
125	6.9	8.9	13.3#



#88

Benzo(k)fluoranthene

Concen: 38.99 ng

RT: 24.06 min Scan# 3612

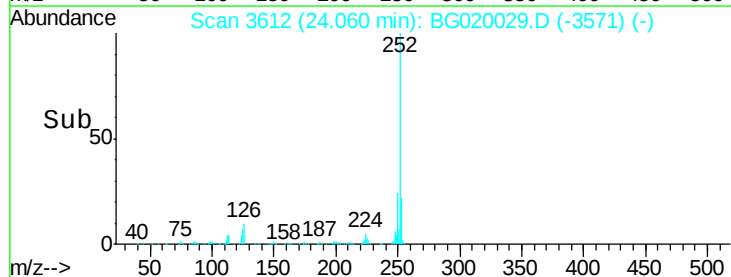
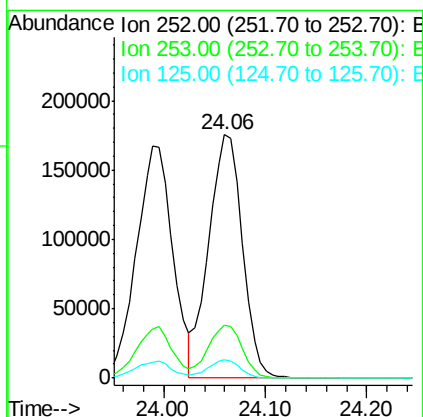
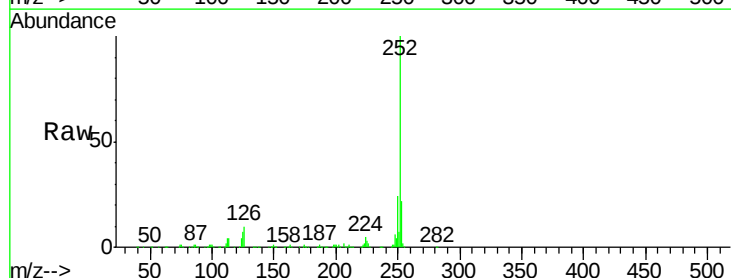
Delta R.T. -0.06 min

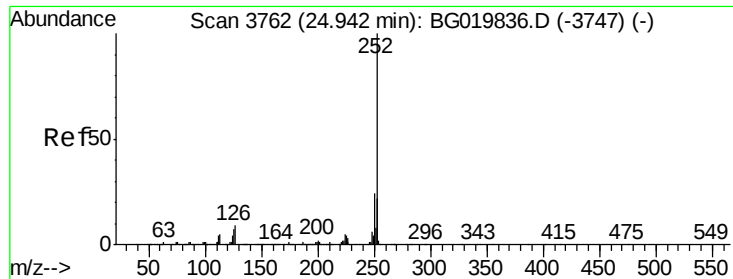
Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Tgt Ion:252 Resp: 403073

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 40.60 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

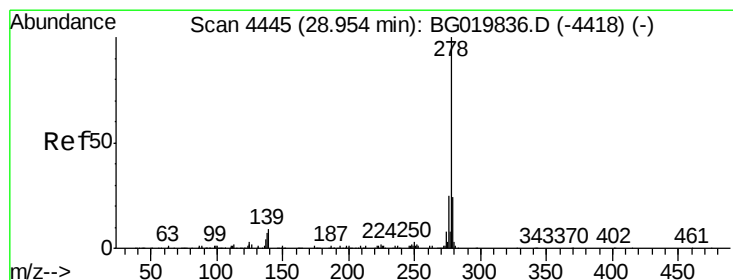
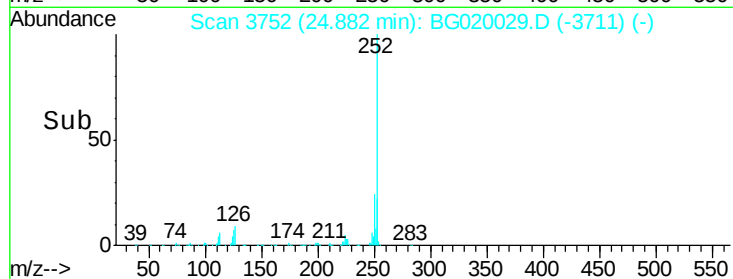
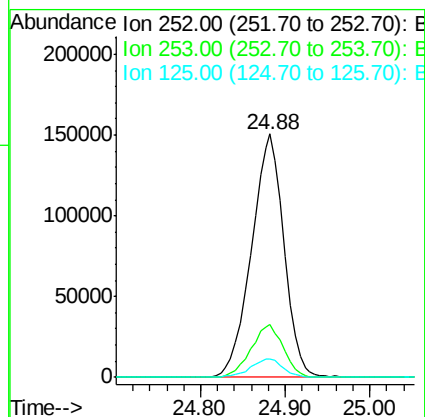
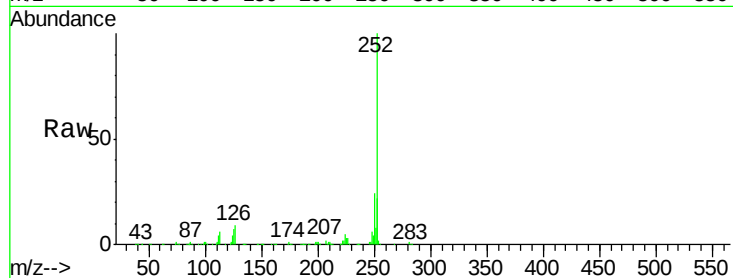
Instrument :

BNA_G

ClientSampleId :

PB87147BS

Tgt Ion:	252	Resp:	402339
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.7	28.1
125	7.4	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 39.40 ng

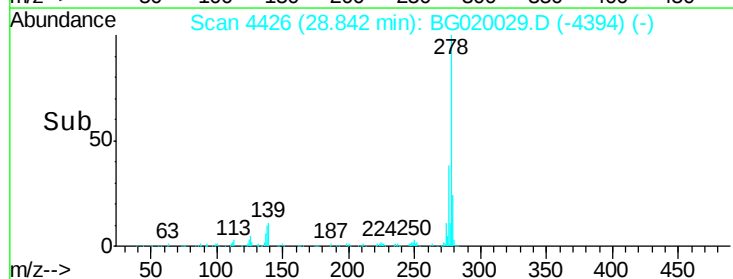
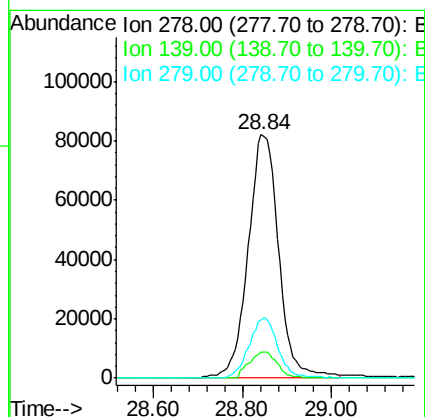
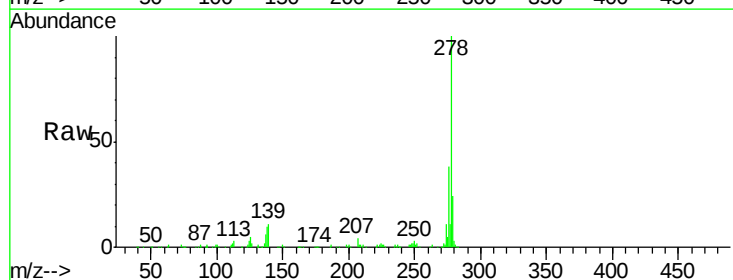
RT: 28.84 min Scan# 4426

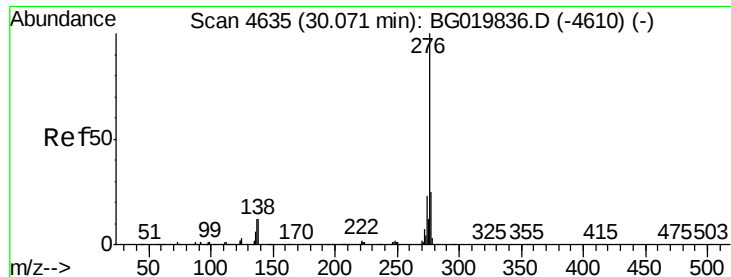
Delta R.T. -0.11 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Tgt Ion:	278	Resp:	385704
Ion Ratio	Lower	Upper	
278	100		
139	10.8	13.8	20.6#
279	24.0	19.4	29.0





#91

Benzo(g,h,i)perylene

Concen: 38.97 ng

RT: 29.96 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG020029.D

Acq: 9 Dec 2015 5:32

Instrument :

BNA_G

ClientSampleId :

PB87147BS

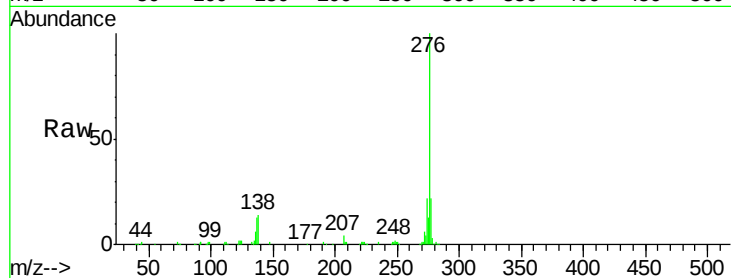
Tgt Ion: 276 Resp: 374613

Ion Ratio Lower Upper

276 100

277 22.4 18.4 27.6

138 14.4 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

