

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020068.D
 Acq On : 10 Dec 2015 8:08
 Operator : UM/SJ
 Sample : G4683-02MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

Quant Time: Dec 10 10:19:14 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	19074	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	84235	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	58577	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	145807	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	176084	20.00	ng	-0.04
86) Perylene-d12	25.03	264	165817	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	134668	127.60	ng	-0.01
7) Phenol-d6	7.26	99	203970	128.01	ng	-0.01
23) Nitrobenzene-d5	9.28	82	129959	78.74	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	104324	116.40	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	298553	69.59	ng	-0.02
78) Terphenyl-d14	20.08	244	530919	73.54	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	12495	30.39	ng	# 100
3) Pyridine	3.92	79	41097	32.91	ng	# 89
4) n-Nitrosodimethylamine	3.84	42	21367	32.54	ng	# 83
6) Aniline	7.43	93	28372	13.75	ng	# 84
8) 2-Chlorophenol	7.67	128	53260	41.39	ng	# 97
9) Benzaldehyde	7.24	77	35949	33.83	ng	# 92
10) Phenol	7.29	94	74656	44.52	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	46855	37.73	ng	# 90
12) 1,3-Dichlorobenzene	8.00	146	53017	36.35	ng	# 93
13) 1,4-Dichlorobenzene	8.14	146	54770	36.36	ng	# 93
14) 1,2-Dichlorobenzene	8.47	146	52349	36.43	ng	# 94
15) Benzyl Alcohol	8.34	79	54620	39.06	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	70470	34.79	ng	# 93
17) 2-Methylphenol	8.55	107	48613	41.06	ng	# 89
18) Hexachloroethane	9.20	117	19721	34.96	ng	# 97
19) n-Nitroso-di-n-propylamine	8.92	70	43547	34.65	ng	# 94
20) 3+4-Methylphenols	8.88	107	66940	40.15	ng	# 95
22) Acetophenone	8.94	105	81713	35.39	ng	# 93
24) Nitrobenzene	9.32	77	67545	37.73	ng	# 90
25) Isophorone	9.84	82	121831	34.43	ng	# 94
26) 2-Nitrophenol	10.03	139	30319	43.85	ng	# 73
27) 2,4-Dimethylphenol	10.09	122	51859	36.01	ng	# 94
28) bis(2-Chloroethoxy)methane	10.32	93	68560	39.65	ng	# 99
29) 2,4-Dichlorophenol	10.57	162	61607	41.88	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	60568	36.43	ng	# 94
31) Naphthalene	10.98	128	167704	37.16	ng	# 100
32) Benzoic acid	10.14	122	4778	10.31	ng	# 90
33) 4-Chloroaniline	11.08	127	21352	10.74	ng	# 92
34) Hexachlorobutadiene	11.26	225	41554	33.89	ng	# 96
35) Caprolactam	11.85	113	20148m	36.79	ng	# 92
36) 4-Chloro-3-methylphenol	12.20	107	70561	38.52	ng	# 95
37) 2-Methylnaphthalene	12.58	142	126389	38.22	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	81749	36.78	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	72635	57.31	ng	# 98

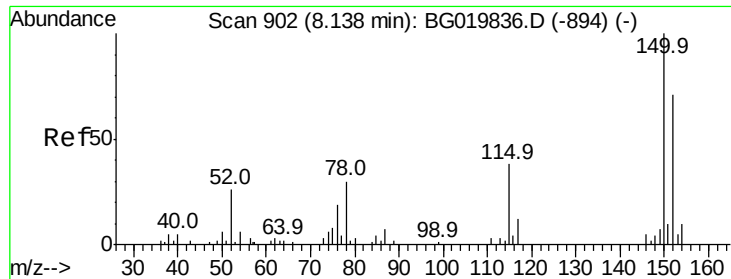
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020068.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57124	38.81	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	62563	40.22	nq	98
45) 1,1'-Biphenyl	13.58	154	171443	35.66	nq	99
46) 2-Chloronaphthalene	13.62	162	137420	37.09	nq	96
47) 2-Nitroaniline	13.82	65	49549	42.34	nq	91
48) Acenaphthylene	14.46	152	229255	36.32	nq	98
49) Dimethylphthalate	14.19	163	267081	50.69	nq	99
50) 2,6-Dinitrotoluene	14.31	165	40557	40.94	nq	# 77
51) Acenaphthene	14.81	154	146681	38.30	nq	96
52) 3-Nitroaniline	14.64	138	26660	25.90	nq	98
53) 2,4-Dinitrophenol	14.84	184	22800	47.50	nq	# 87
54) Dibenzofuran	15.13	168	225394	39.56	nq	94
55) 4-Nitrophenol	14.94	139	66238	73.89	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	58365	42.23	nq	# 93
57) Fluorene	15.79	166	179619	35.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	60581	42.08	nq	95
59) Diethylphthalate	15.55	149	188518	33.06	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	99565	34.00	nq	98
61) 4-Nitroaniline	15.80	138	41636	35.97	nq	# 76
62) Azobenzene	16.06	77	174191	36.71	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	27959	35.90	nq	91
65) n-Nitrosodiphenylamine	15.99	169	161347	38.24	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	65882	36.36	nq	99
67) Hexachlorobenzene	16.79	284	69882	37.03	nq	98
68) Atrazine	16.93	200	67804	36.99	nq	96
69) Pentachlorophenol	17.13	266	89119	80.90	nq	91
70) Phenanthrene	17.53	178	300952	36.48	nq	96
71) Anthracene	17.61	178	304864	36.28	nq	96
72) Carbazole	17.88	167	272642	36.83	nq	97
73) Di-n-butylphthalate	18.43	149	317354	34.98	nq	98
74) Fluoranthene	19.52	202	375563	35.59	nq	93
76) Benzidine	19.70	184	66326	11.47	nq	96
77) Pyrene	19.89	202	387203	37.38	nq	95
79) Butylbenzylphthalate	20.76	149	149526	36.83	nq	95
80) Benzo(a)anthracene	21.73	228	394619	36.61	nq	98
81) 3,3'-Dichlorobenzidine	21.64	252	78828	19.20	nq	99
82) Chrysene	21.80	228	354926	34.68	nq	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	214978	36.08	nq	# 97
84) Di-n-octyl phthalate	22.86	149	368727	38.06	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.77	276	430338	38.17	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	384489	36.59	nq	# 94
88) Benzo(k)fluoranthene	24.06	252	361594	34.74	nq	# 93
89) Benzo(a)pyrene	24.88	252	367292	36.81	nq	# 95
90) Dibenzo(a,h)anthracene	28.84	278	358026	36.32	nq	# 93
91) Benzo(g,h,i)perylene	29.95	276	336211	34.74	nq	# 91

(#) = 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

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

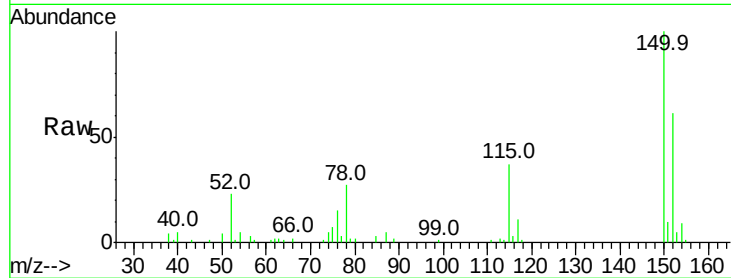
Tot Ion:152 Resp: 19074

Ion Ratio Lower Upper

152 100

150 163.0 115.0 172.4

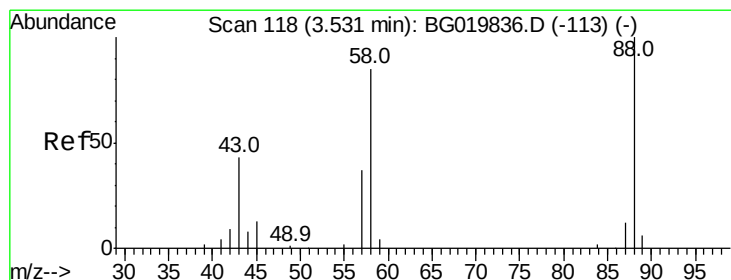
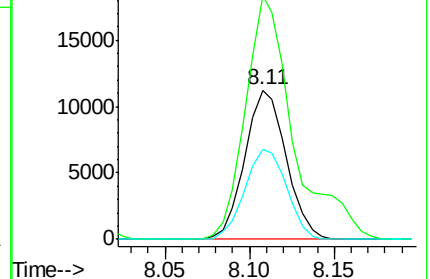
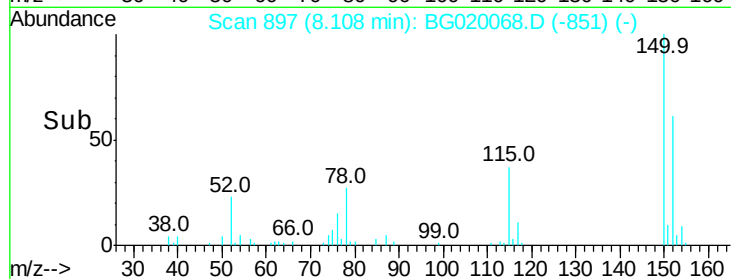
115 60.4 43.9 65.9



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: 30.39 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

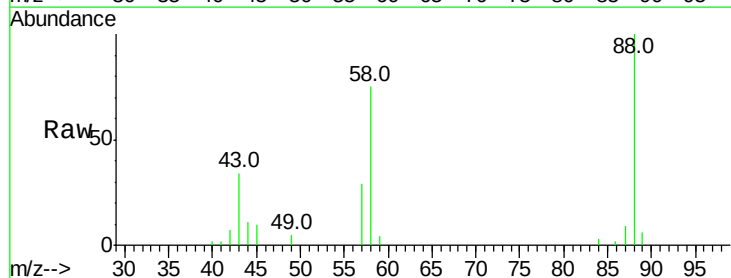
Tgt Ion: 88 Resp: 12495

Ion Ratio Lower Upper

88 100

58 88.7 0.0 0.0#

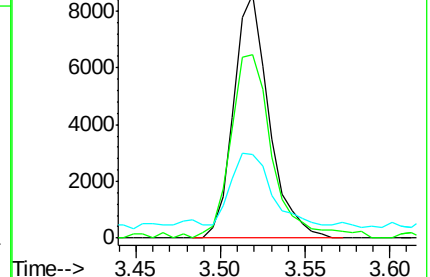
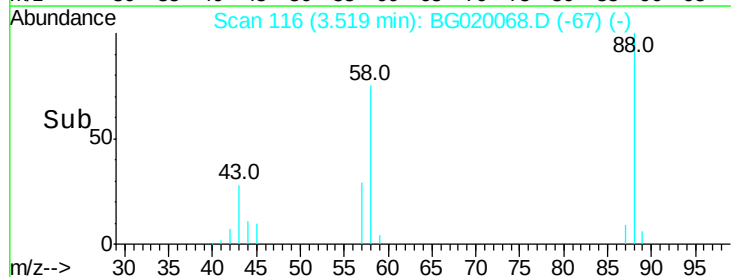
43 35.9 0.0 0.0#

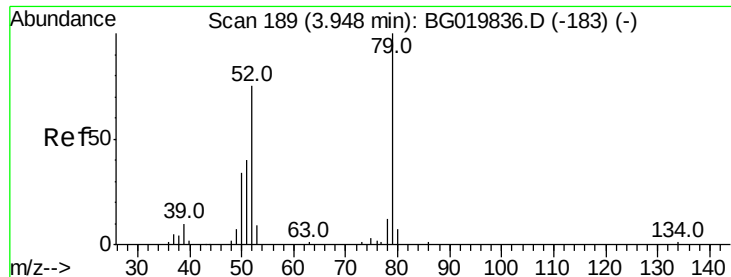


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.91 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

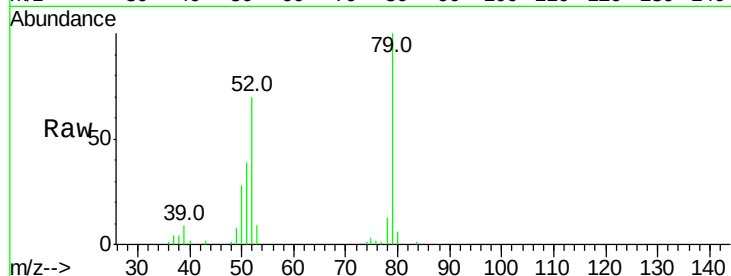
Tot Ion: 79 Resp: 41097

Ion Ratio Lower Upper

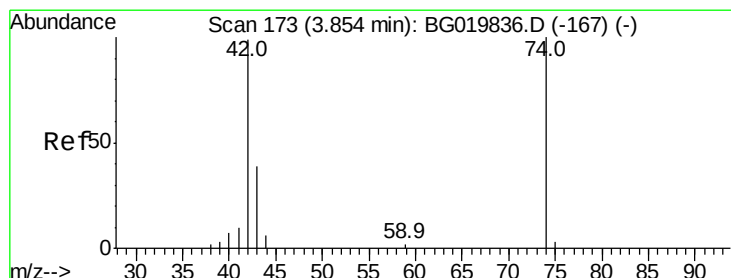
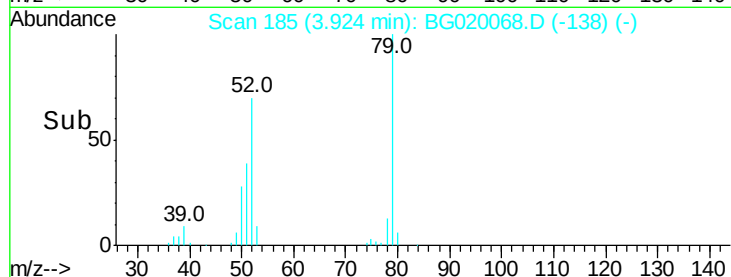
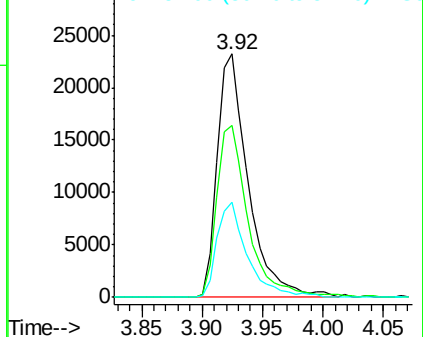
79 100

52 70.4 50.3 75.5

51 39.2 24.8 37.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.54 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

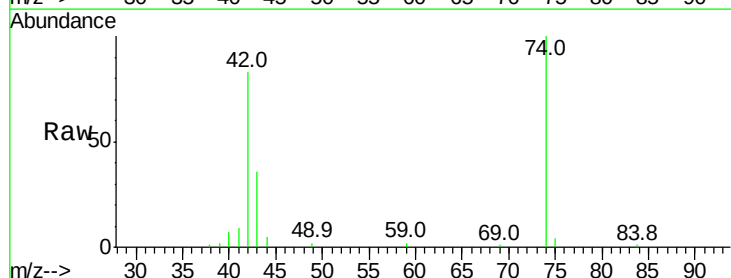
Tgt Ion: 42 Resp: 21367

Ion Ratio Lower Upper

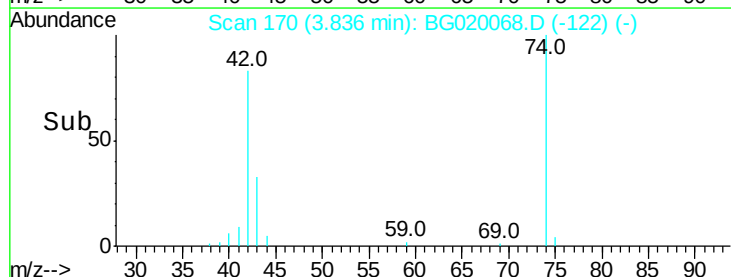
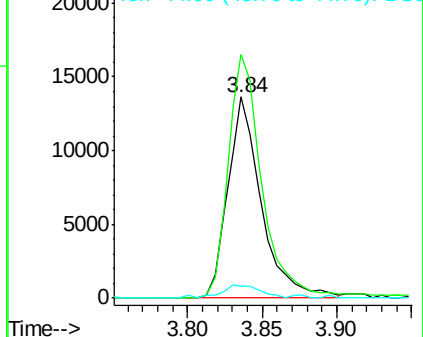
42 100

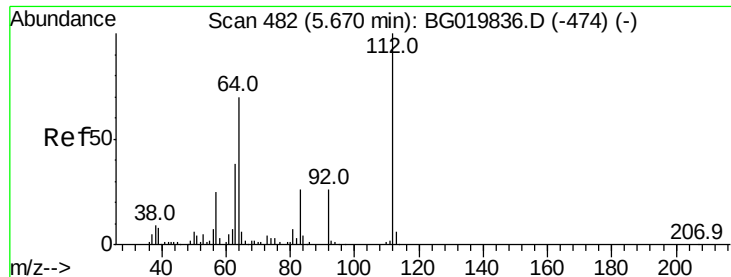
74 120.9 113.9 170.9

44 6.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.60 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

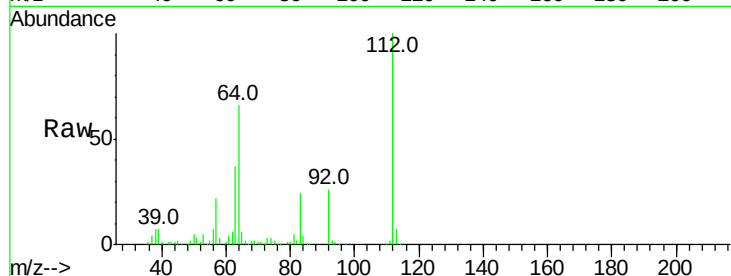
Tot Ion:112 Resp: 134668

Ion Ratio Lower Upper

112 100

64 66.3 43.7 65.5#

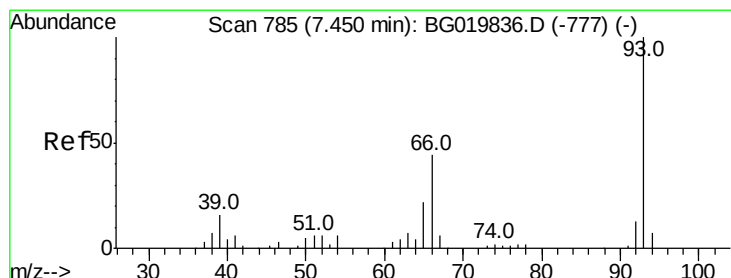
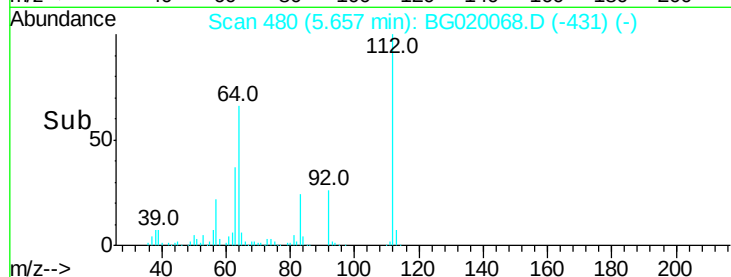
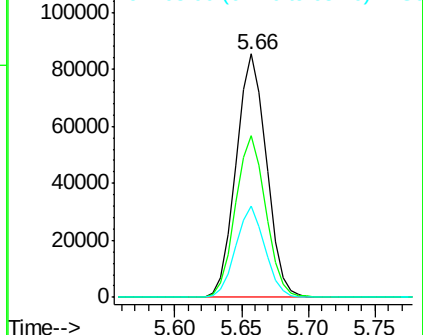
63 37.3 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.75 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

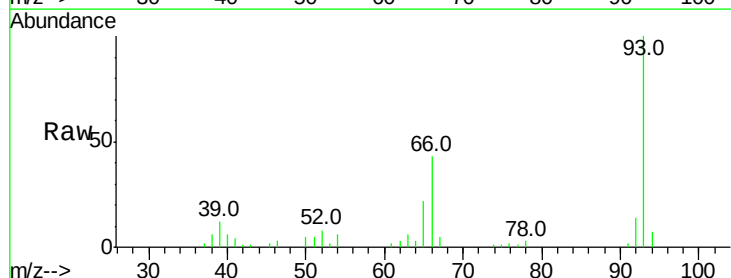
Tgt Ion: 93 Resp: 28372

Ion Ratio Lower Upper

93 100

66 43.1 26.2 39.2#

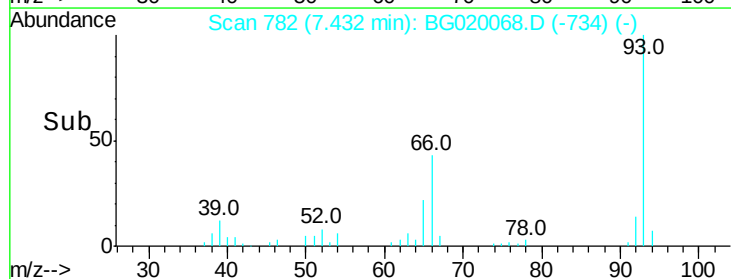
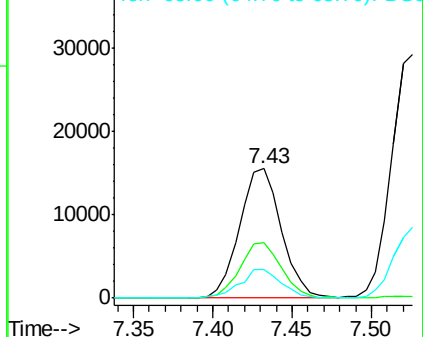
65 22.3 14.0 21.0#

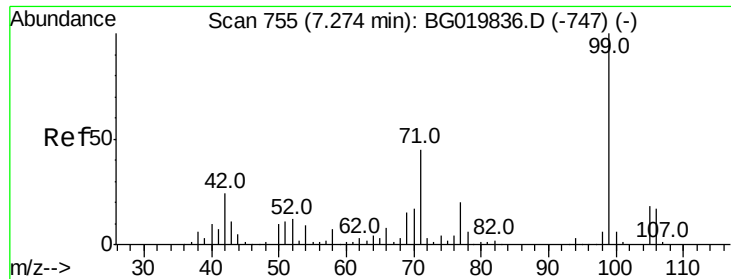


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.01 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

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ClientSampleId :

S8-14.5MS

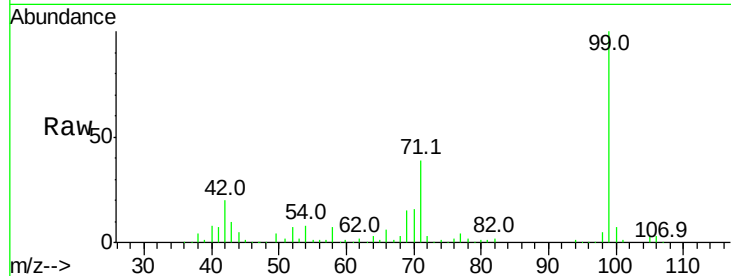
Tot Ion: 99 Resp: 203970

Ion Ratio Lower Upper

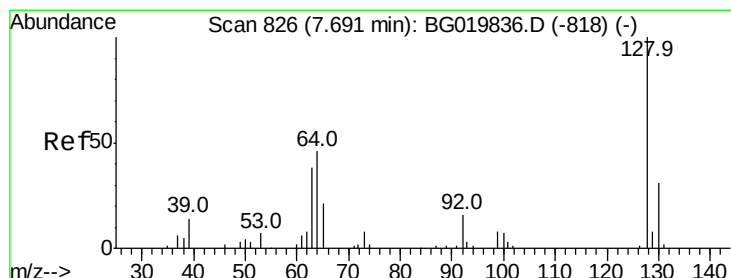
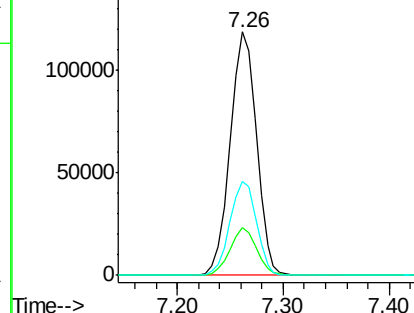
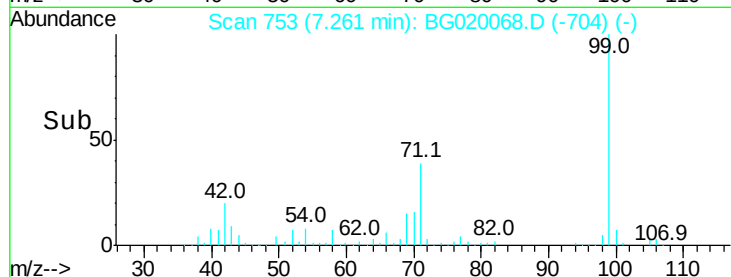
99 100

42 19.7 11.5 17.3#

71 38.8 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: 41.39 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

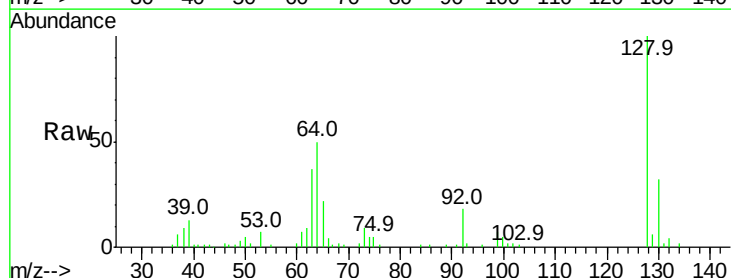
Tgt Ion: 128 Resp: 53260

Ion Ratio Lower Upper

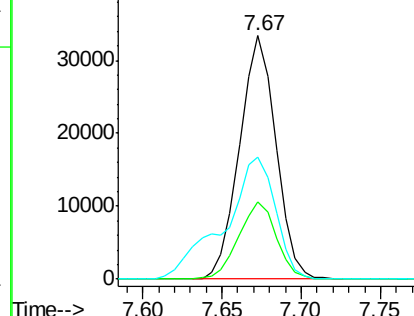
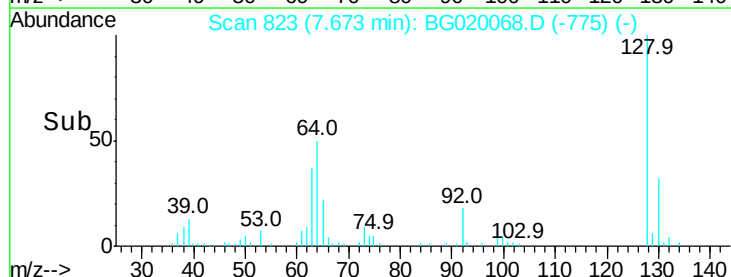
128 100

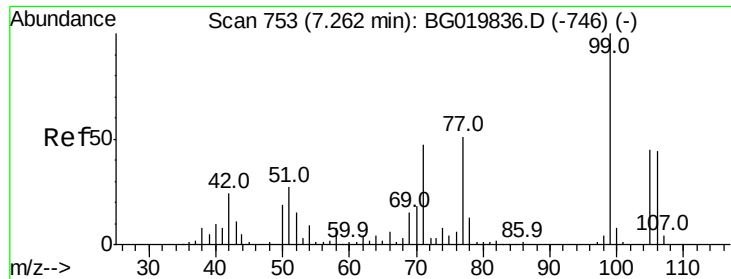
130 32.0 13.0 53.0

64 50.2 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: 33.83 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampled :

S8-14.5MS

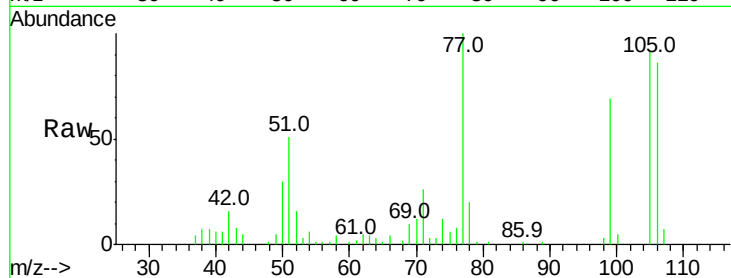
Tot Ion: 77 Resp: 35949

Ion Ratio Lower Upper

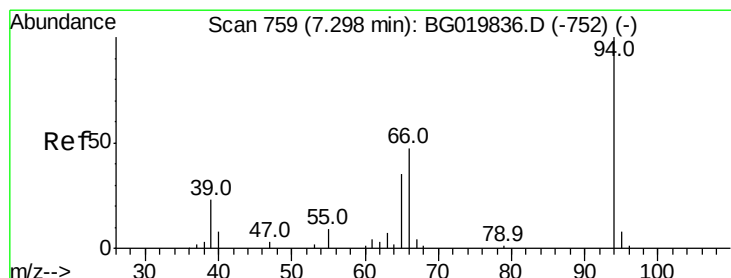
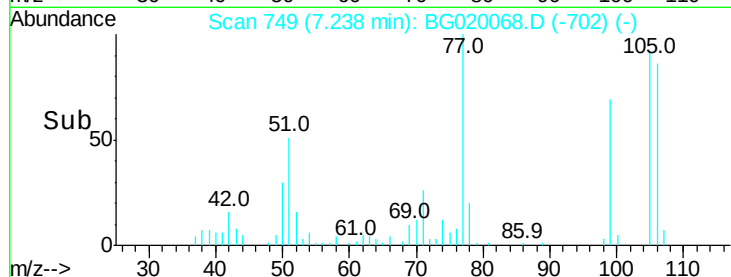
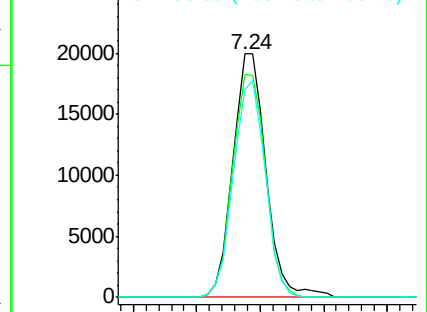
77 100

105 91.6 77.7 117.7

106 85.6 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: 44.52 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

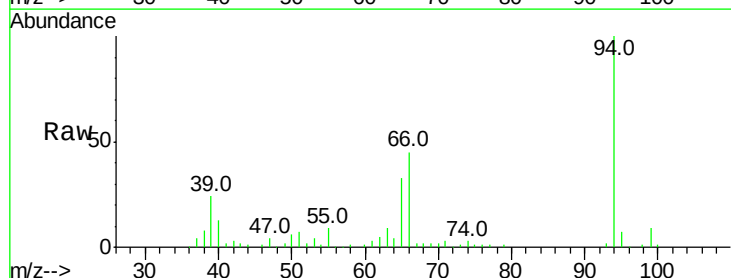
Tgt Ion: 94 Resp: 74656

Ion Ratio Lower Upper

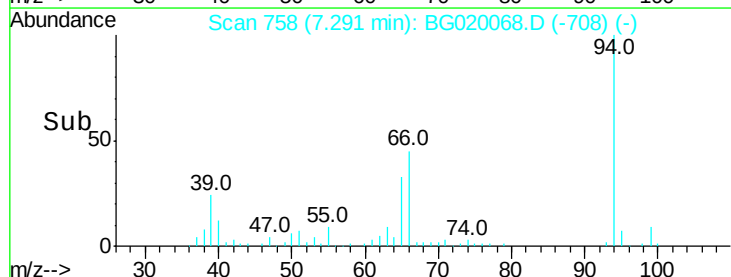
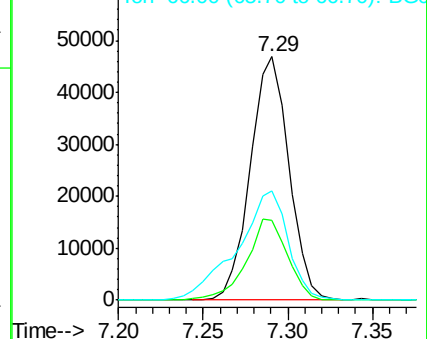
94 100

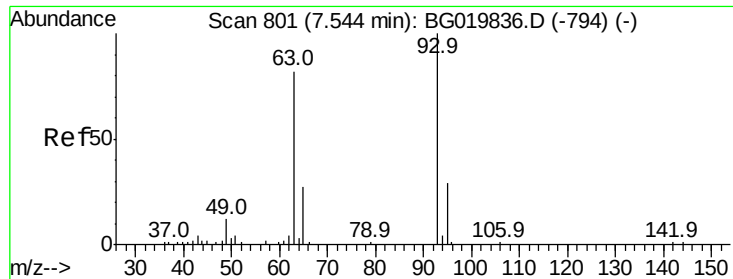
65 32.9 5.4 45.4

66 44.7 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

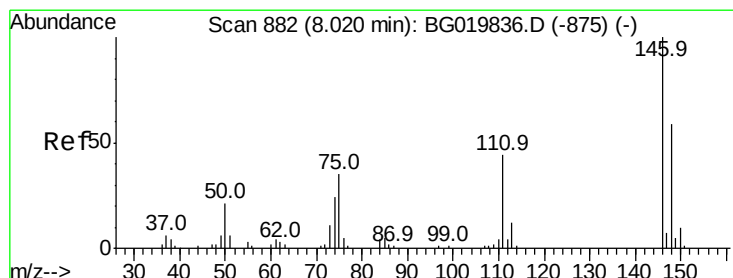
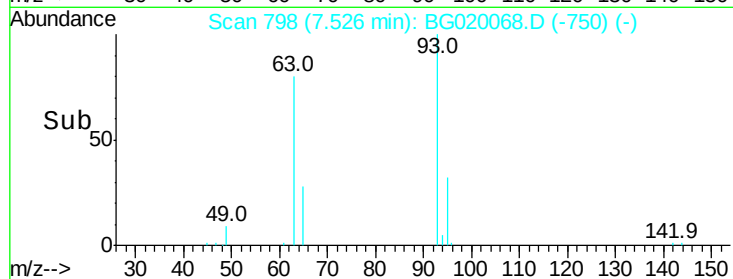
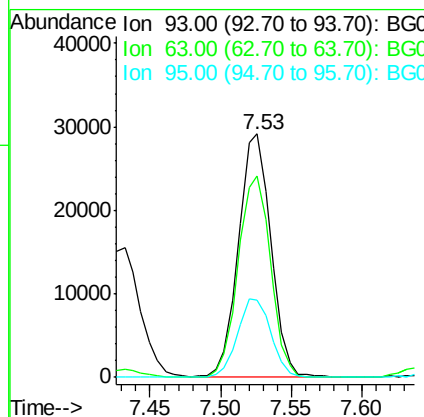
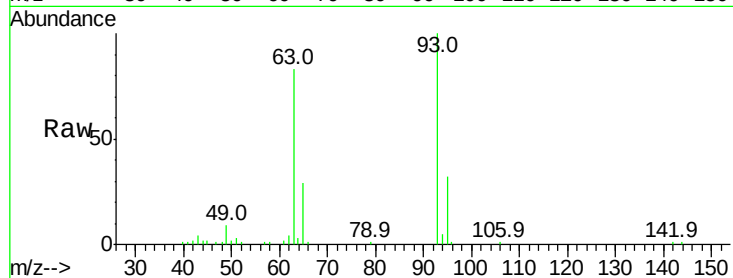




#11
bis(2-Chloroethyl)ether
Concen: 37.73 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

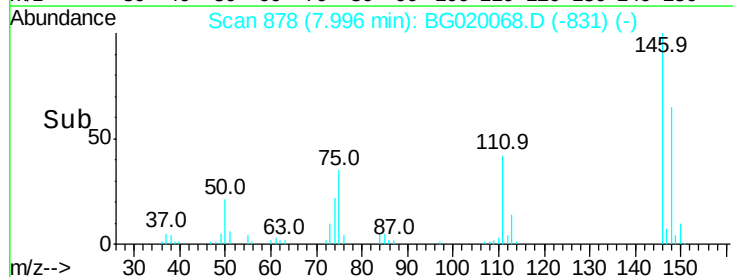
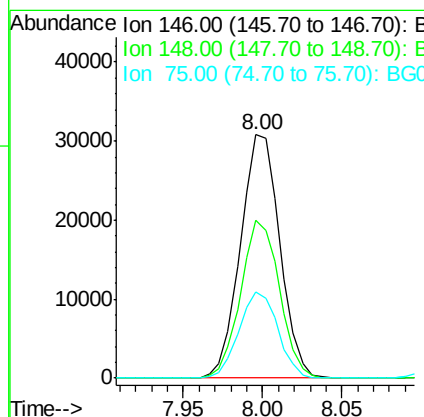
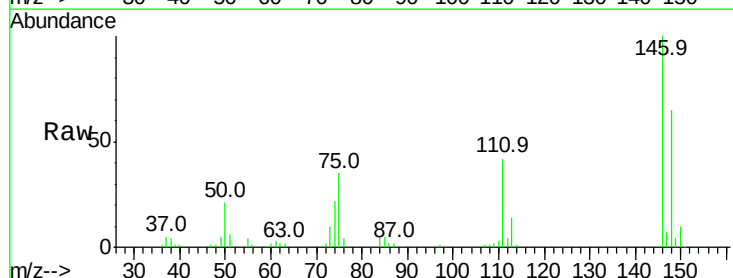
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

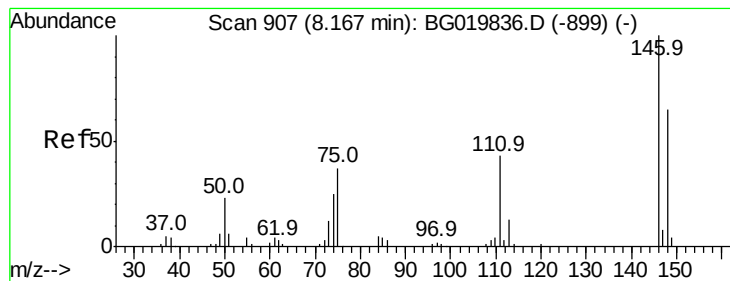
Tot Ion: 93 Resp: 46855
Ion Ratio Lower Upper
93 100
63 82.6 50.5 90.5
95 31.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 36.35 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion: 146 Resp: 53017
Ion Ratio Lower Upper
146 100
148 64.6 53.4 80.0
75 35.4 21.1 31.7#





#13

1,4-Dichlorobenzene

Concen: 36.36 ng

RT: 8.14 min Scan# 903

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

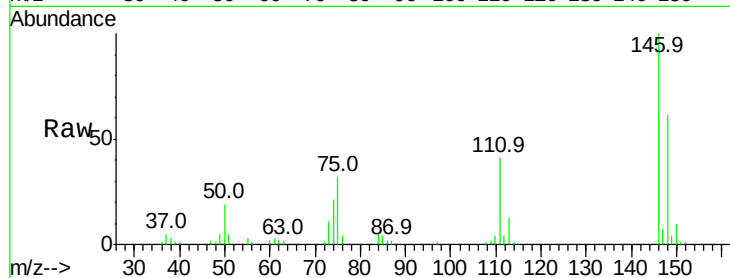
Tot Ion:146 Resp: 54770

Ion Ratio Lower Upper

146 100

148 61.1 52.5 78.7

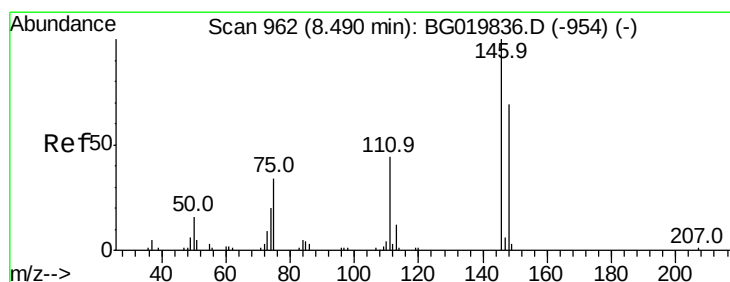
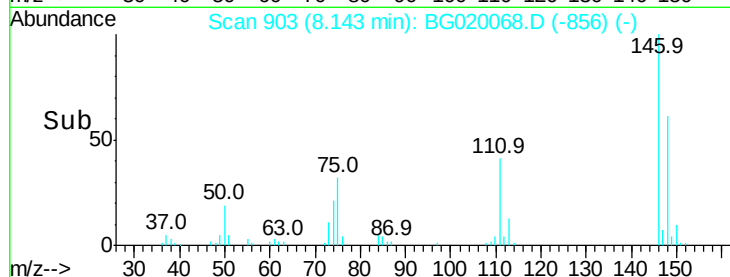
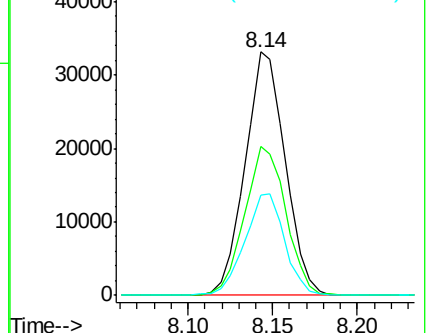
111 40.9 28.3 42.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.43 ng

RT: 8.47 min Scan# 958

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

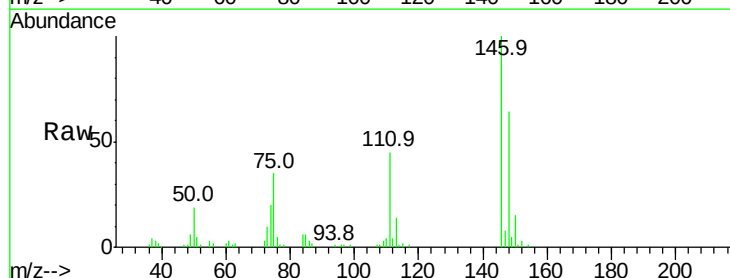
Tgt Ion:146 Resp: 52349

Ion Ratio Lower Upper

146 100

148 63.9 52.5 78.7

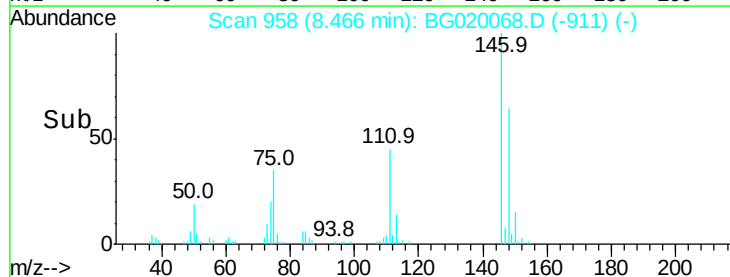
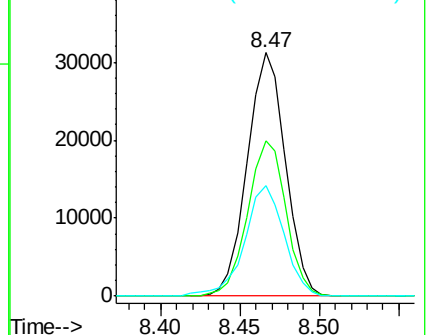
111 45.5 29.9 44.9#

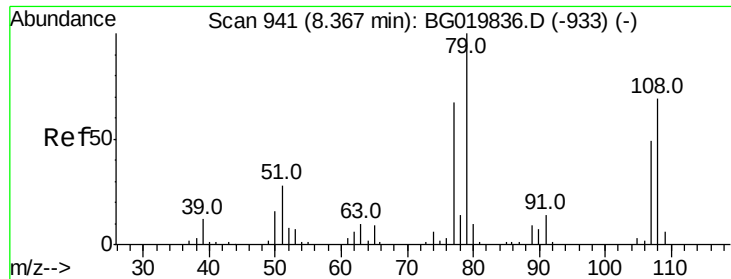


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

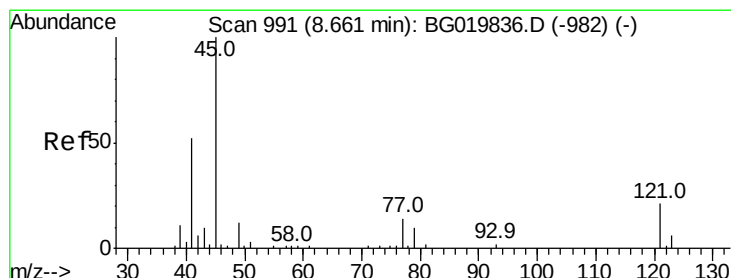
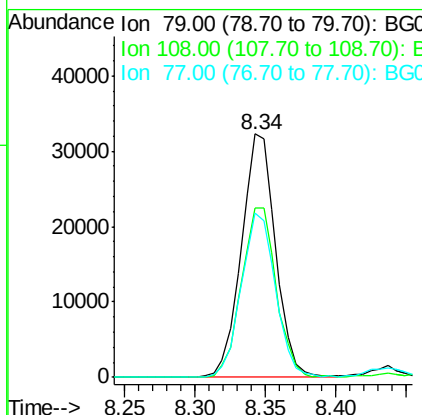
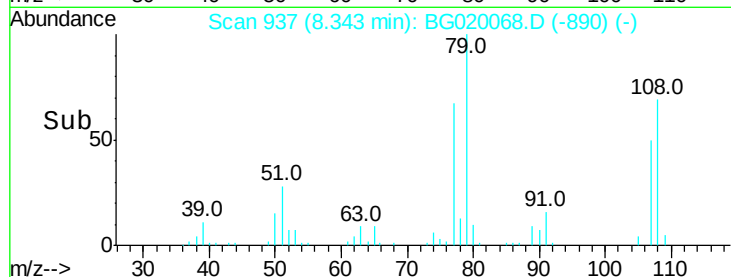
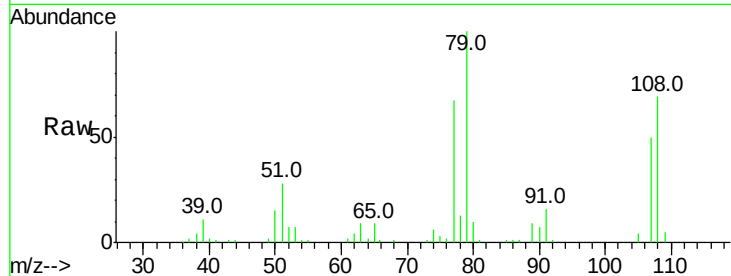




#15
Benzyl Alcohol
Concen: 39.06 ng
RT: 8.34 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

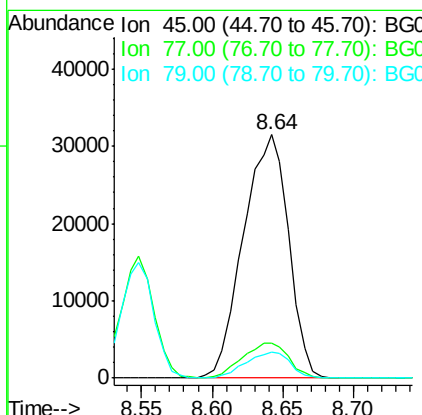
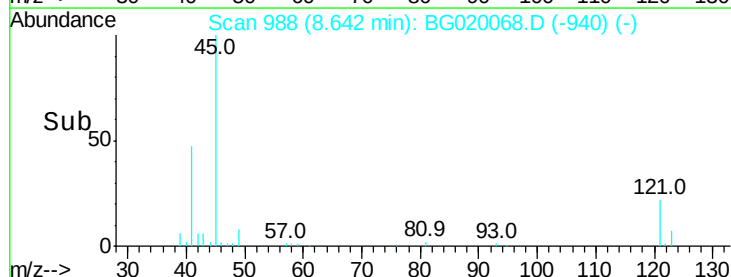
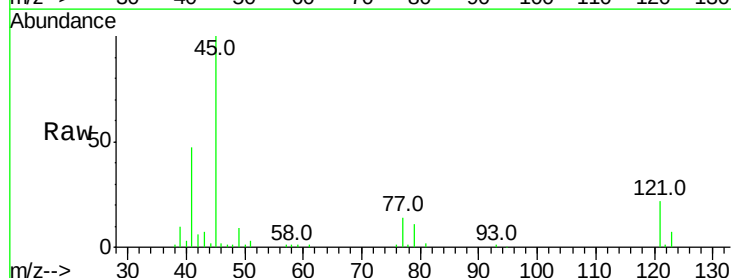
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

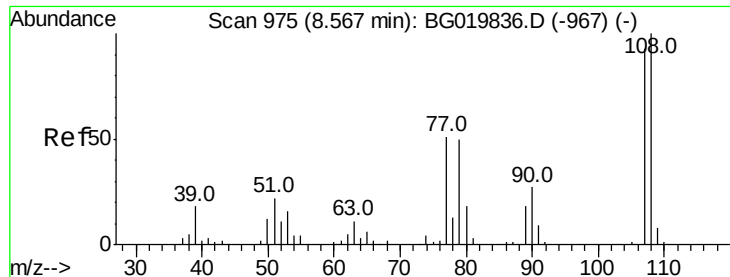
Tot Ion: 79 Resp: 54620
Ion Ratio Lower Upper
79 100
108 69.4 65.5 98.3
77 67.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.79 ng
RT: 8.64 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion: 45 Resp: 70470
Ion Ratio Lower Upper
45 100
77 14.5 0.0 37.0
79 10.7 0.0 33.8





#17

2-Methylphenol

Concen: 41.06 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

Tot Ion:107 Resp: 48613

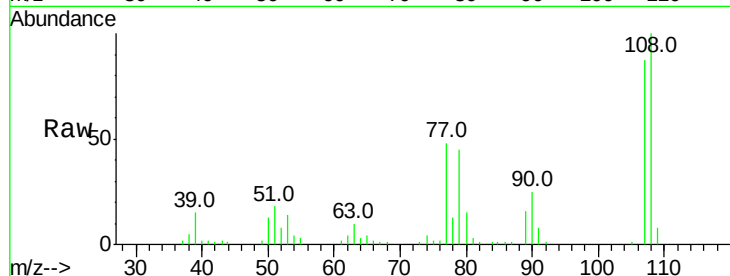
Ion Ratio Lower Upper

107 100

108 114.7 86.5 129.7

77 54.6 34.6 51.8#

79 51.4 32.3 48.5#



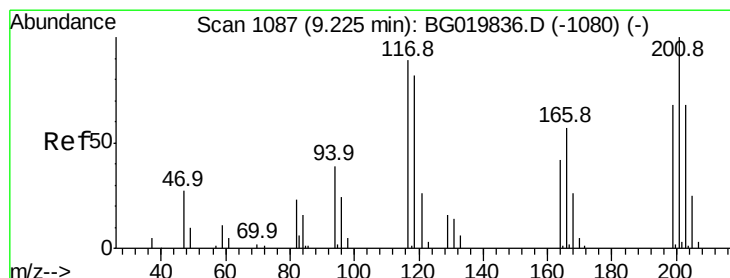
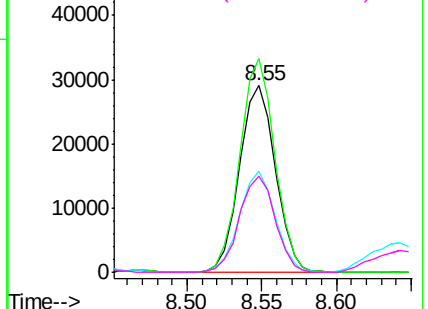
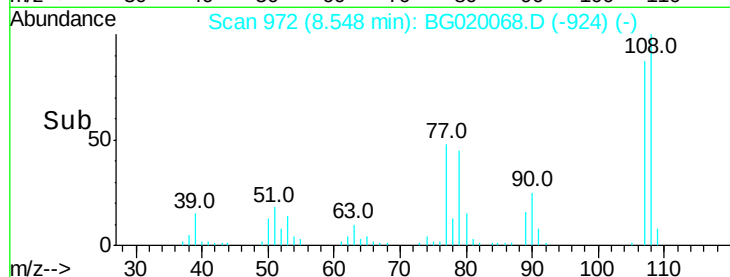
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.96 ng

RT: 9.20 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

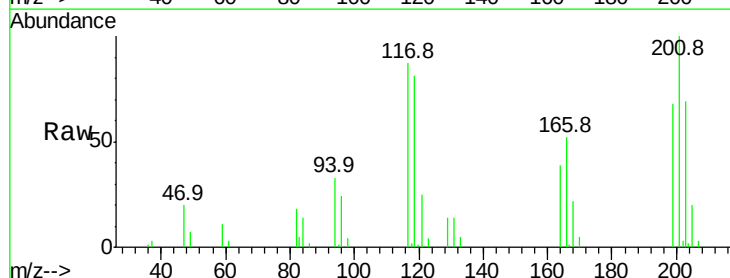
Tgt Ion:117 Resp: 19721

Ion Ratio Lower Upper

117 100

119 93.6 71.7 107.5

201 115.0 90.9 136.3

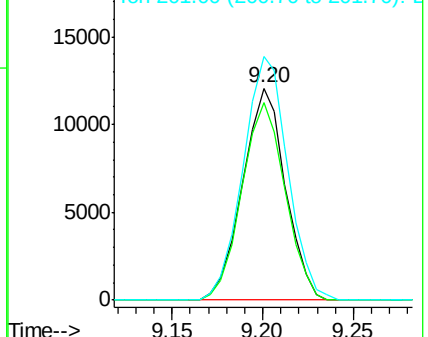
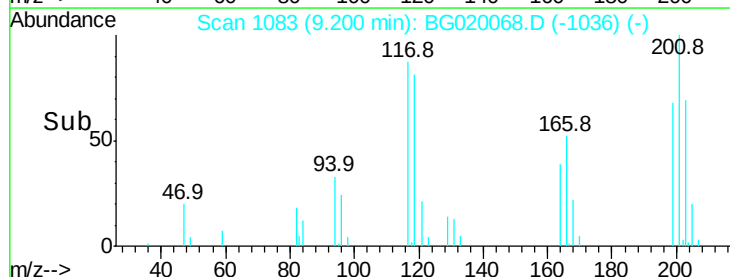


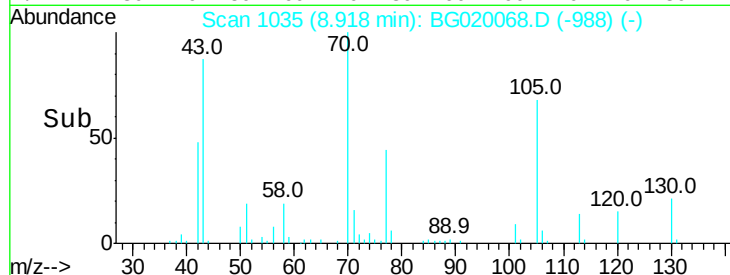
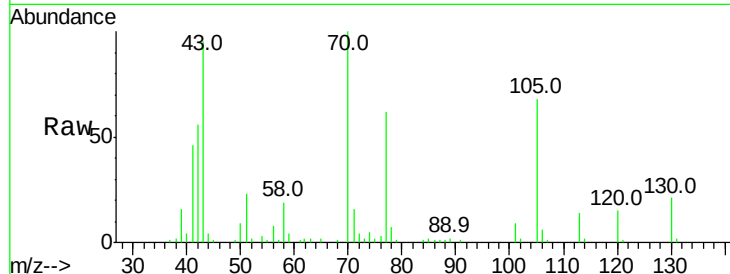
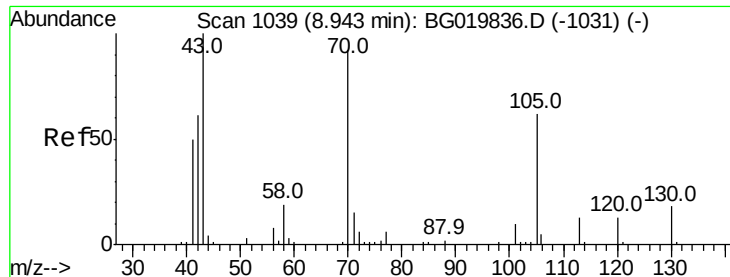
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

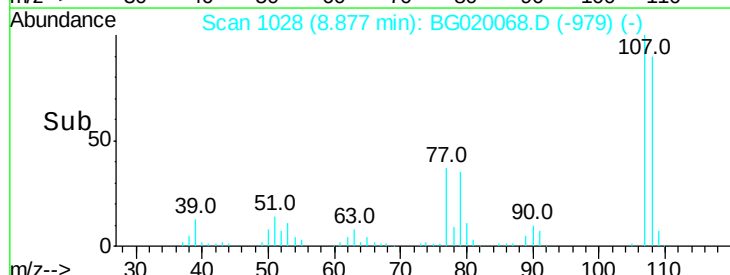
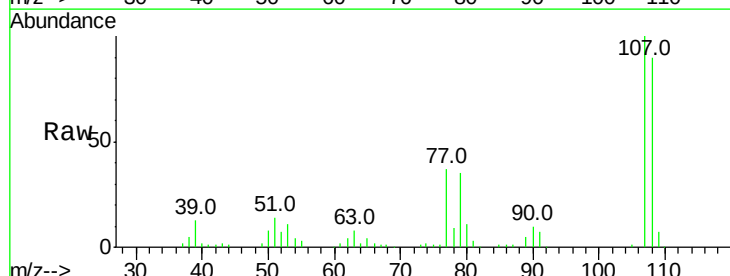
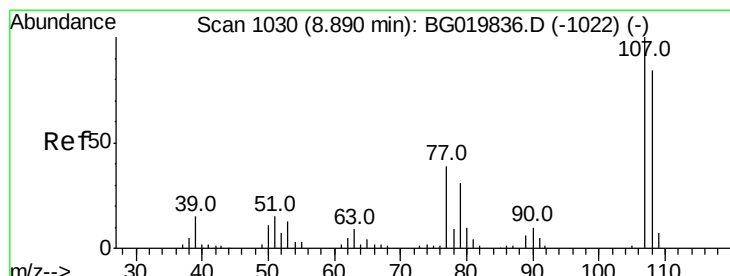
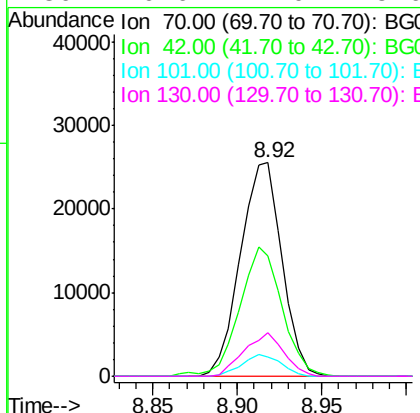




#19
n-Nitroso-di-n-propylamine
Concen: 34.65 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

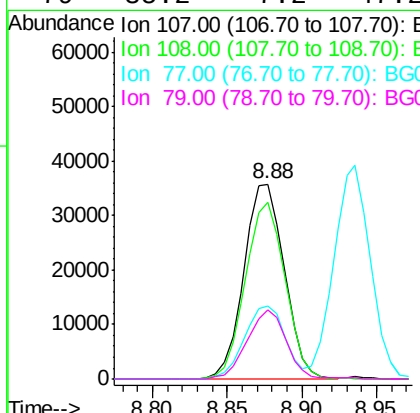
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

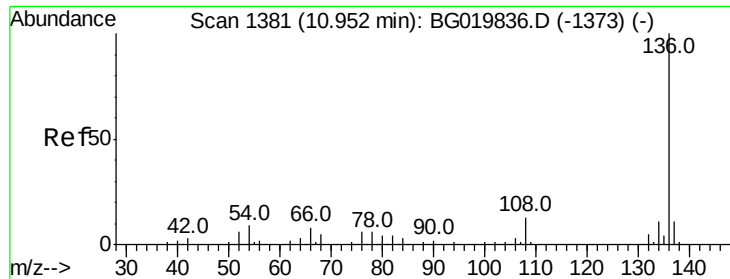
Tot Ion: 70 Resp: 43547
Ion Ratio Lower Upper
70 100
42 56.2 40.6 60.8
101 9.0 8.6 13.0
130 20.6 17.0 25.6



#20
3+4-Methylphenols
Concen: 40.15 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion: 107 Resp: 66940
Ion Ratio Lower Upper
107 100
108 90.3 72.2 112.2
77 37.1 13.4 53.4
79 35.2 7.2 47.2

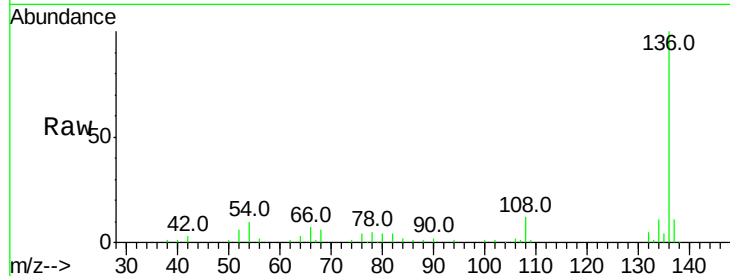




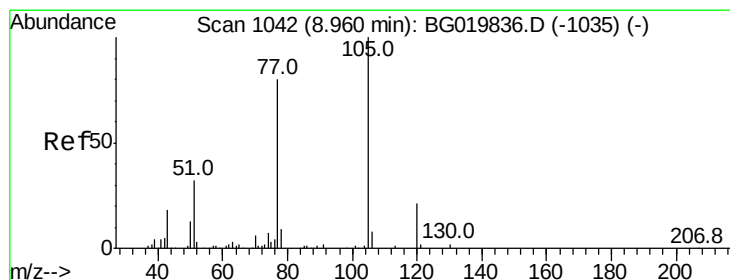
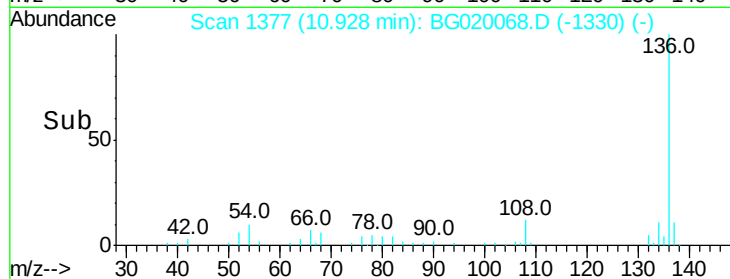
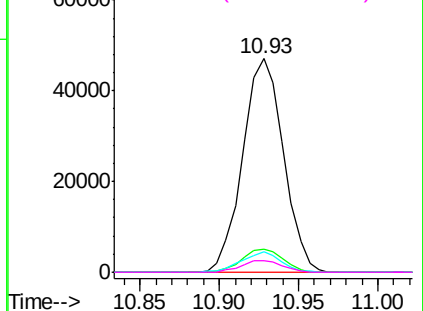
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

Tot Ion:136	Resp:	84235
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 12.8
54	9.6	5.4 8.2#
68	5.6	5.3 7.9

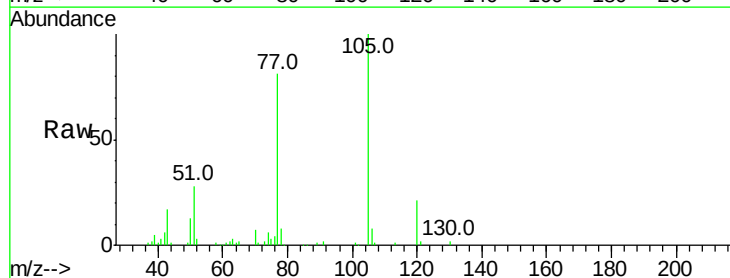


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

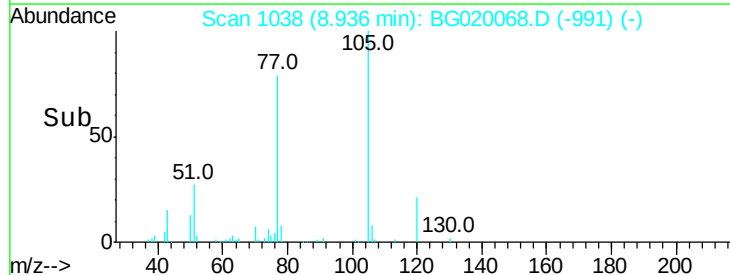
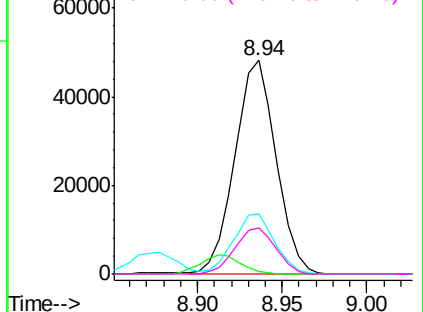


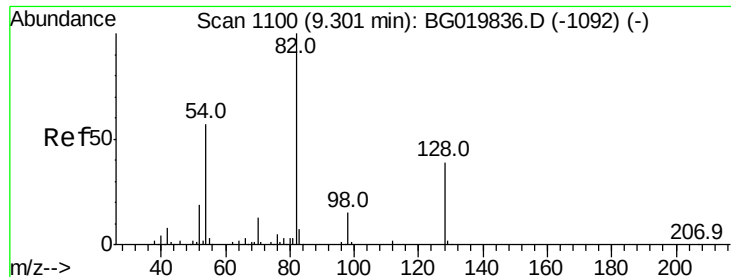
#22
Acetophenone
Concen: 35.39 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion:105	Resp:	81713
Ion Ratio	Lower	Upper
105	100	
71	1.5	2.1 3.1#
51	28.3	17.8 26.8#
120	21.3	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

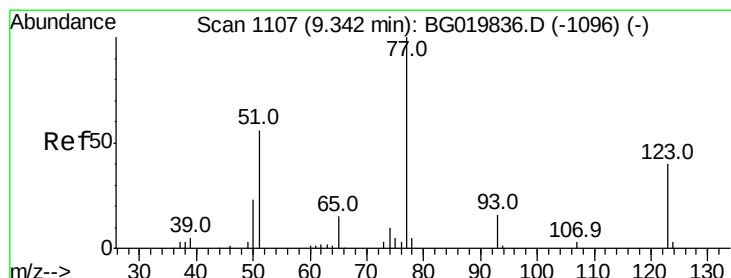
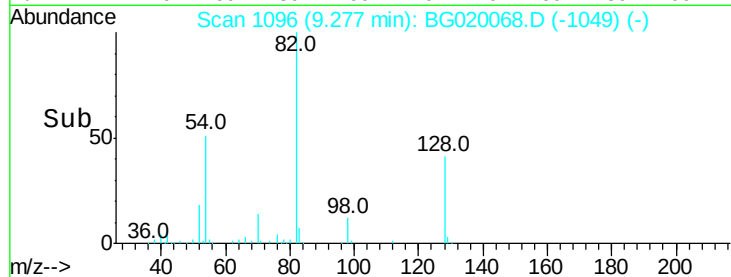
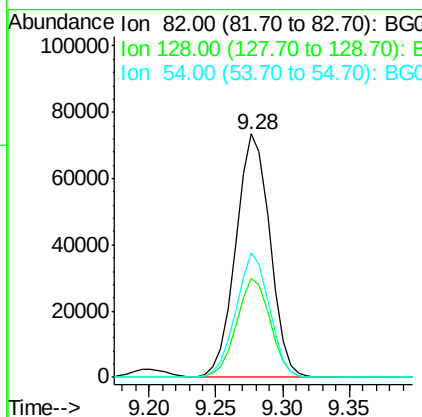
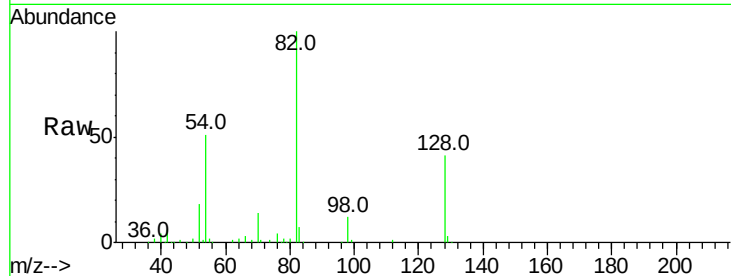




#23
 Nitrobenzene-d5
 Concen: 78.74 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

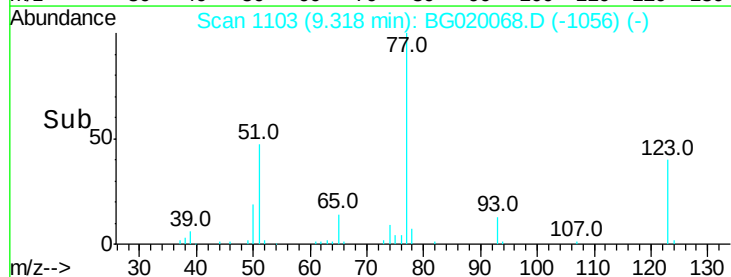
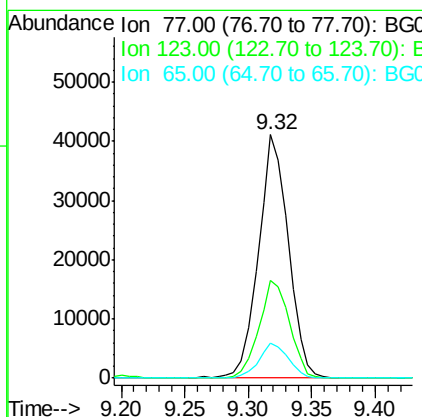
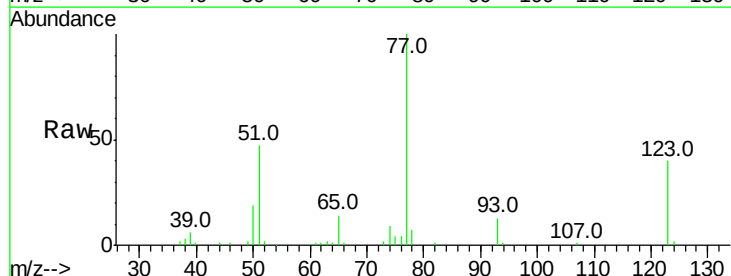
Instrument :
 BNA_G
 ClientSampleID :
 S8-14.5MS

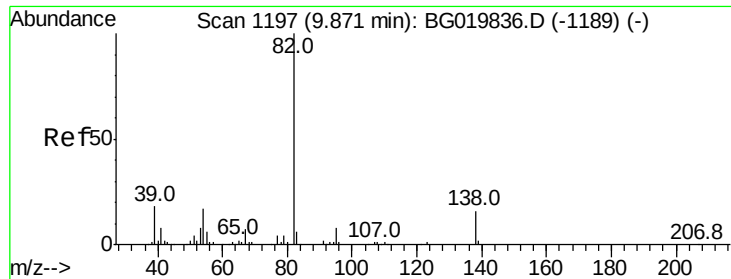
Tot Ion: 82 Resp: 129959
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.7 55.1
 54 51.0 33.8 50.8#



#24
 Nitrobenzene
 Concen: 37.73 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion: 77 Resp: 67545
 Ion Ratio Lower Upper
 77 100
 123 40.0 38.2 57.2
 65 14.4 10.6 16.0





#25

Isophorone

Concen: 34.43 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

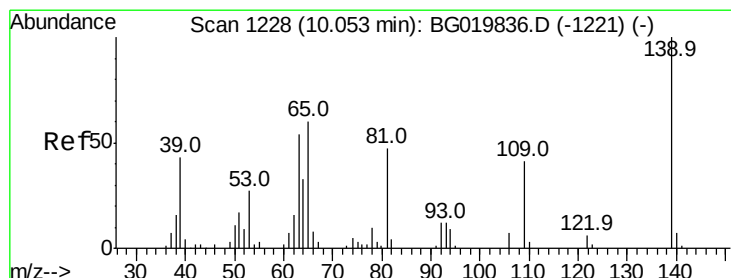
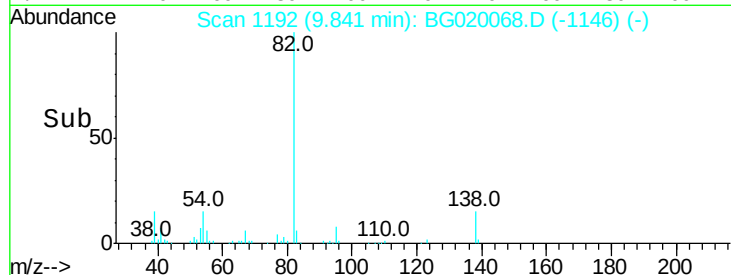
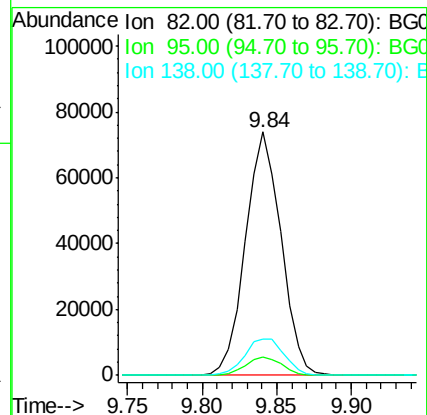
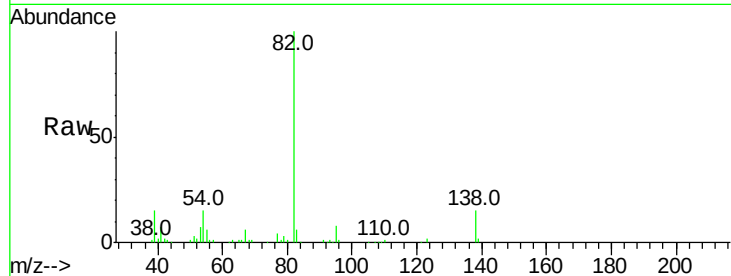
Tot Ion: 82 Resp: 121831

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 15.0 14.4 21.6



#26

2-Nitrophenol

Concen: 43.85 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

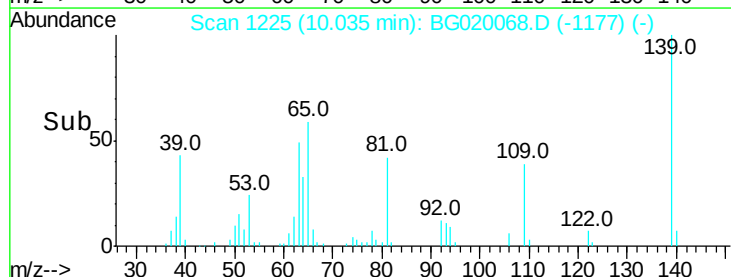
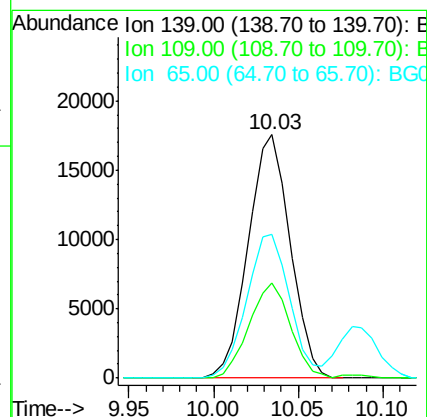
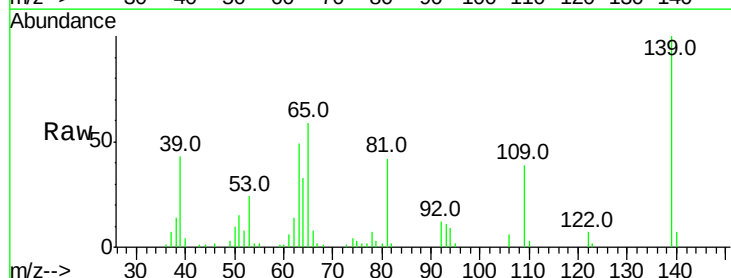
Tgt Ion: 139 Resp: 30319

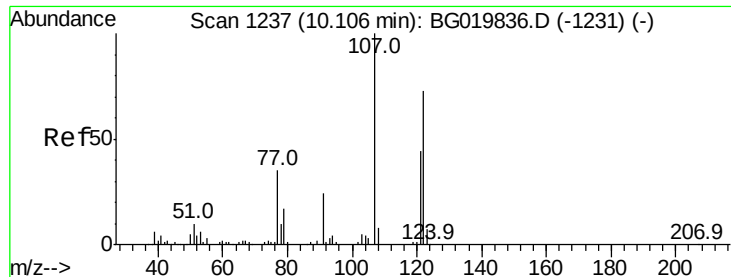
Ion Ratio Lower Upper

139 100

109 39.1 20.1 30.1#

65 59.1 34.1 51.1#

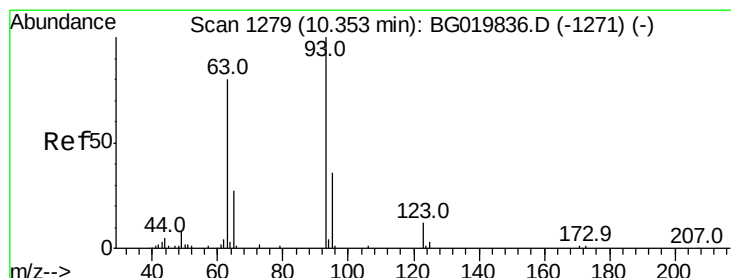
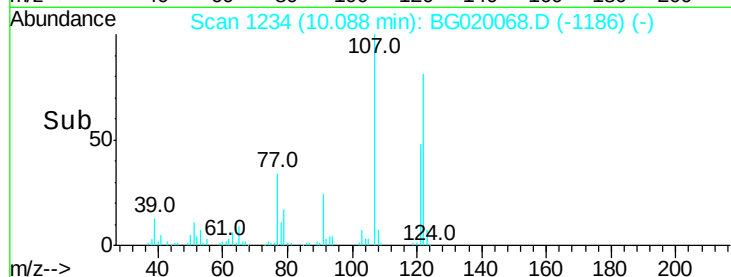
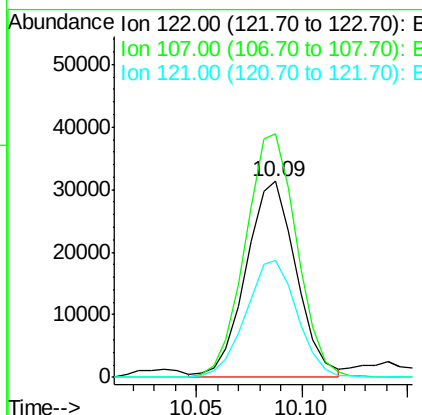
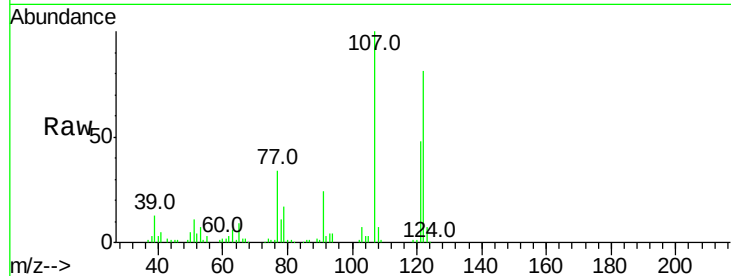




#27
 2,4-Dimethylphenol
 Concen: 36.01 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

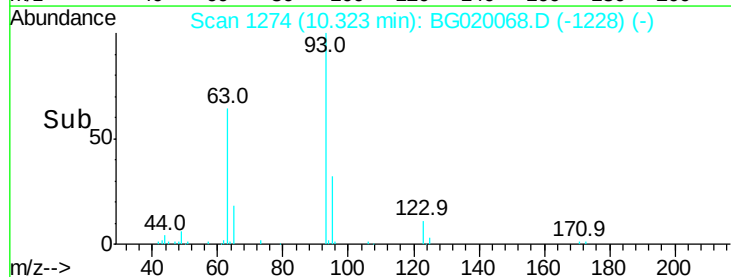
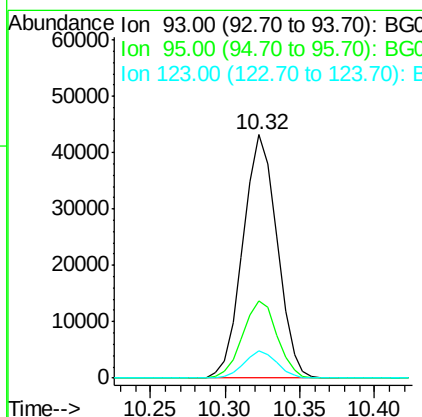
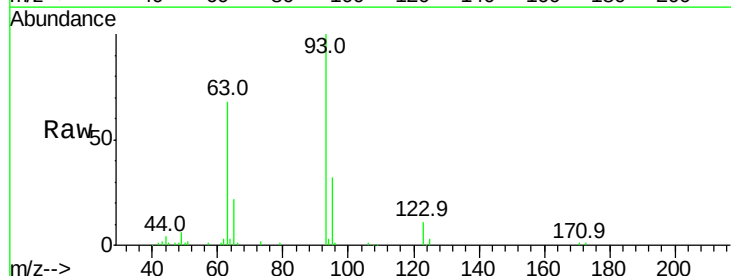
Instrument :
 BNA_G
 ClientSampled :
 S8-14.5MS

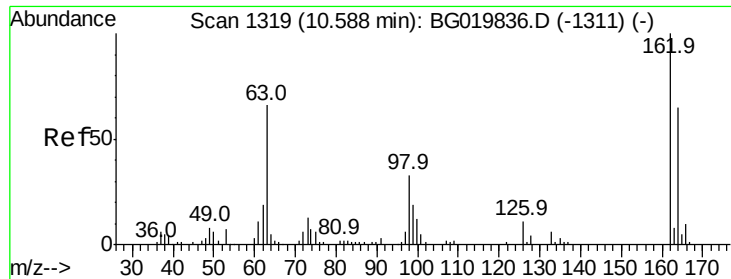
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	91.6	137.4
121	59.9	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.65 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	11.3	8.6	12.8

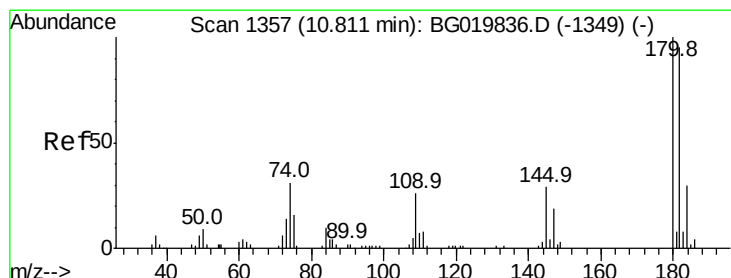
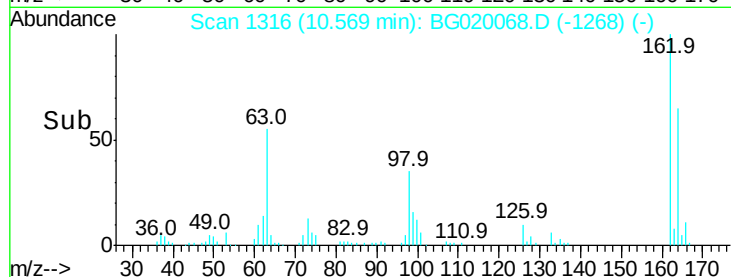
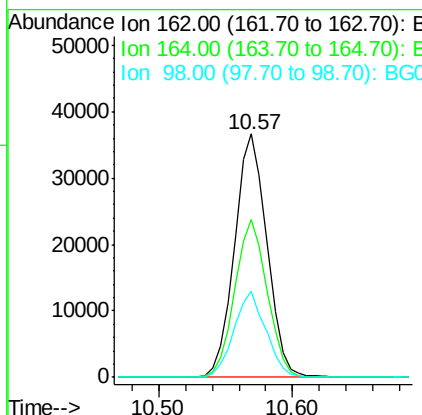
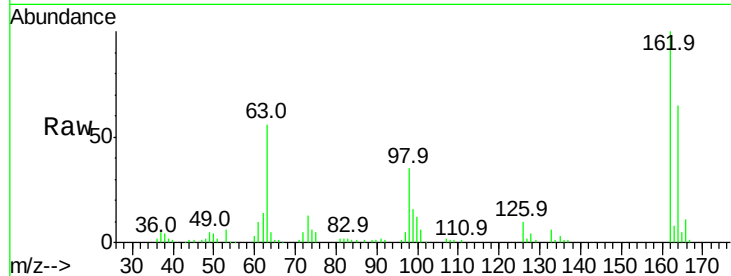




#29
 2,4-Dichlorophenol
 Concen: 41.88 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

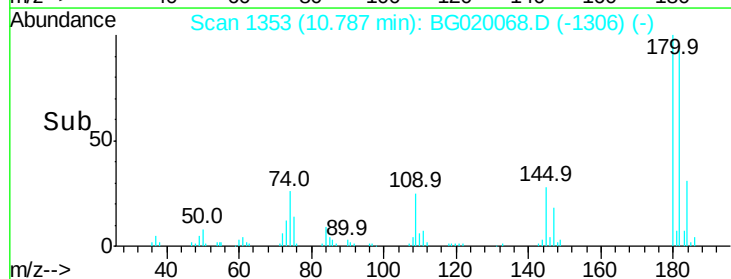
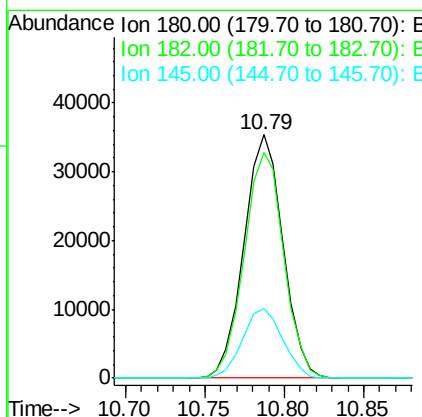
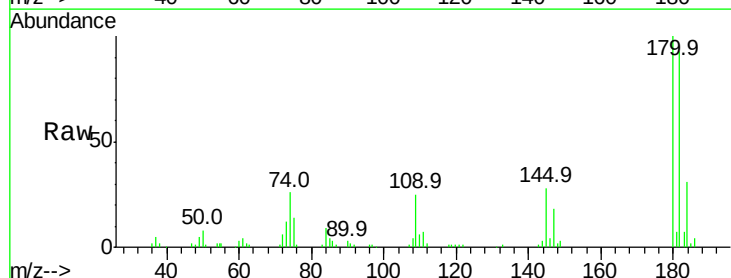
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

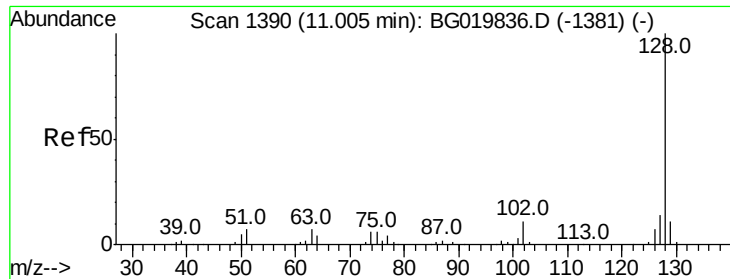
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.3	82.3
98	35.4	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.43 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	79.7	119.5
145	28.5	22.0	33.0





#31

Naphthalene

Concen: 37.16 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

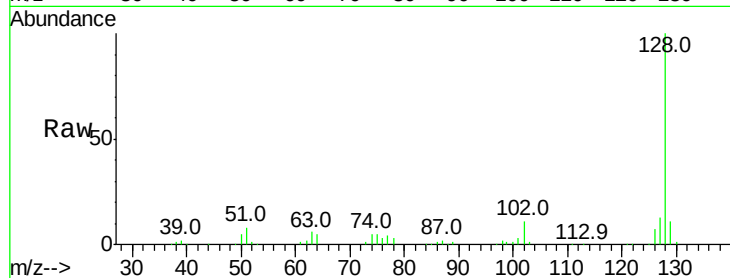
Tot Ion:128 Resp: 167704

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

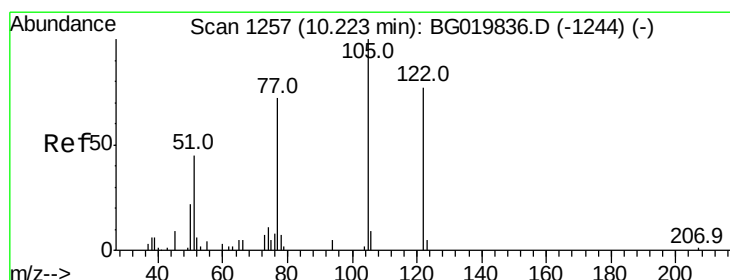
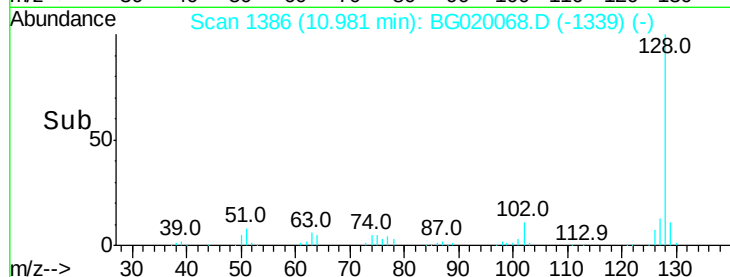
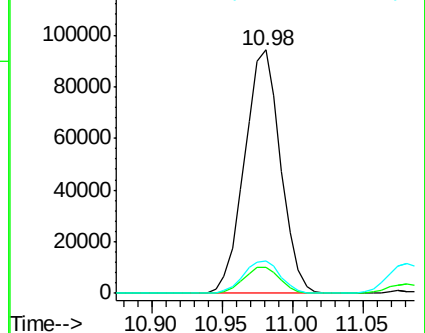
127 13.3 10.6 16.0



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: 10.31 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.08 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

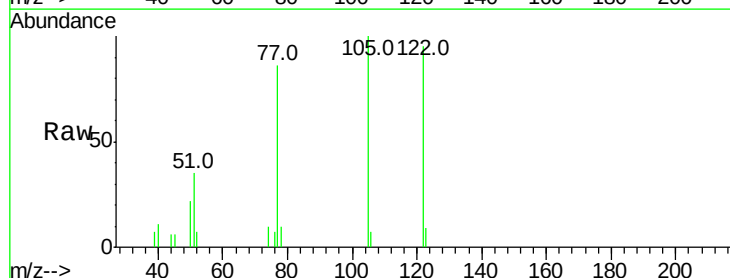
Tgt Ion:122 Resp: 4778

Ion Ratio Lower Upper

122 100

105 105.2 103.8 143.8

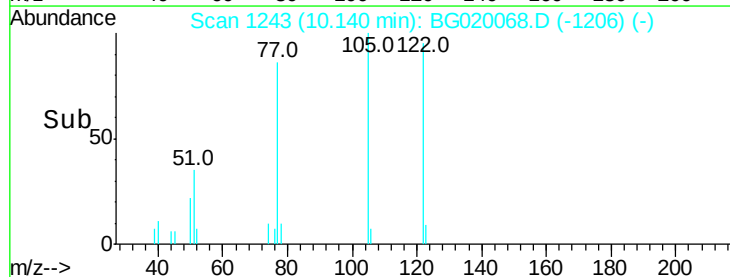
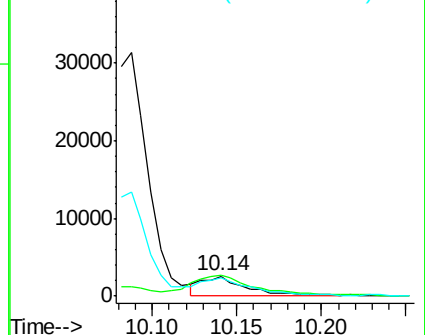
77 90.3 68.8 108.8

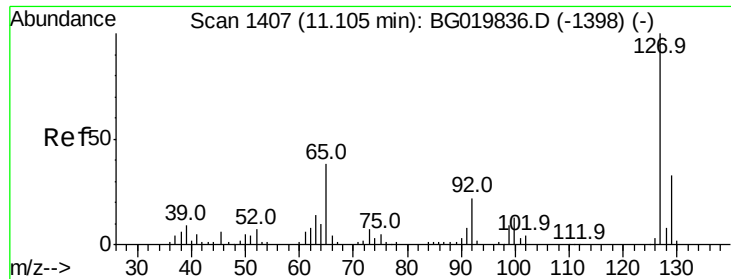


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

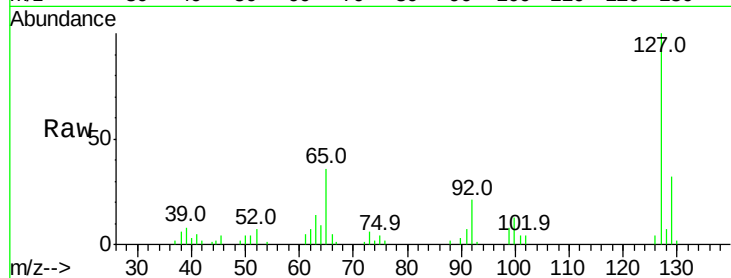




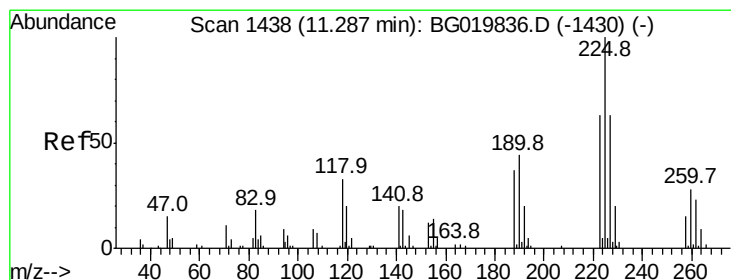
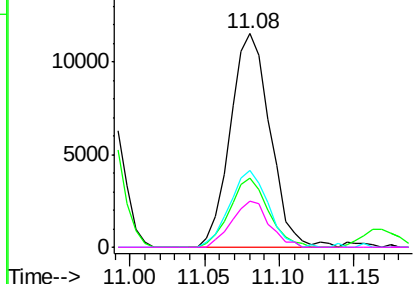
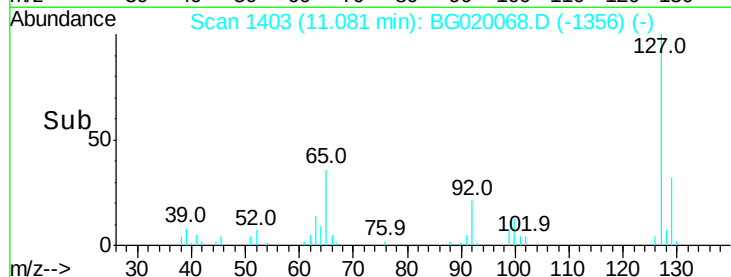
#33
4-Chloroaniline
Concen: 10.74 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

Tot Ion:	127	Resp:	21352
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.6	37.0
65	36.2	22.6	33.8#
92	21.4	15.1	22.7

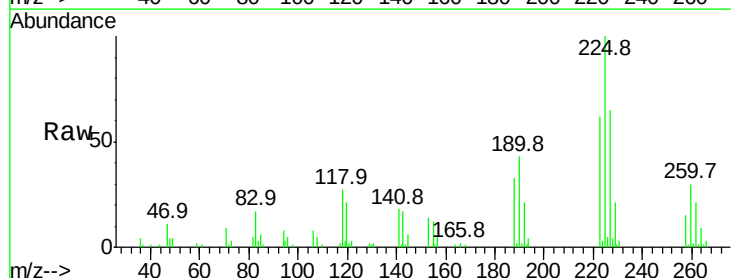


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

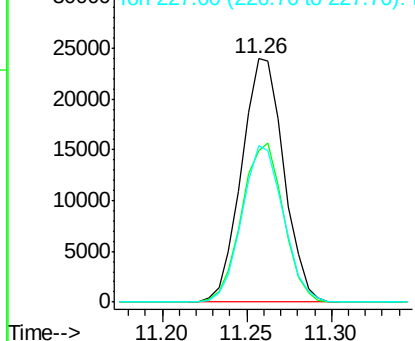
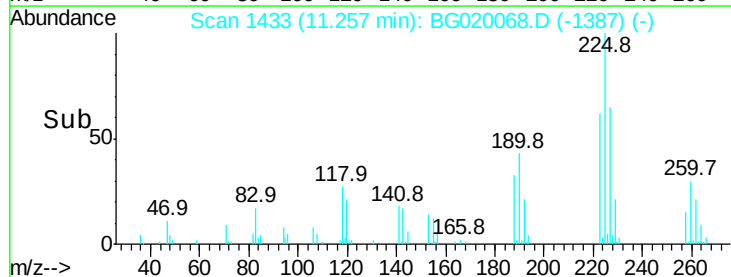


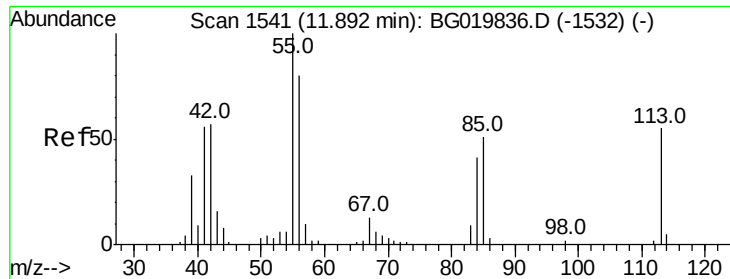
#34
Hexachlorobutadiene
Concen: 33.89 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion:	225	Resp:	41554
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	68.6	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: 36.79 ng/ml

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

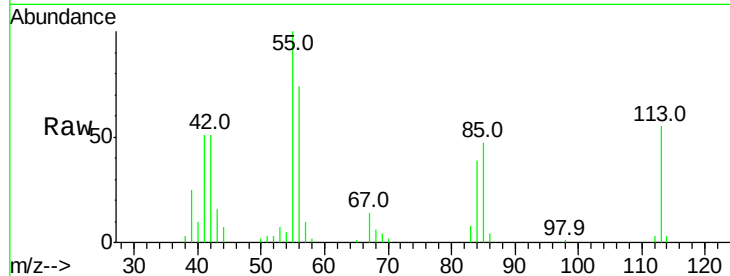
Tot Ion:113 Resp: 20148

Ion Ratio Lower Upper

113 100

55 183.5 135.0 175.0#

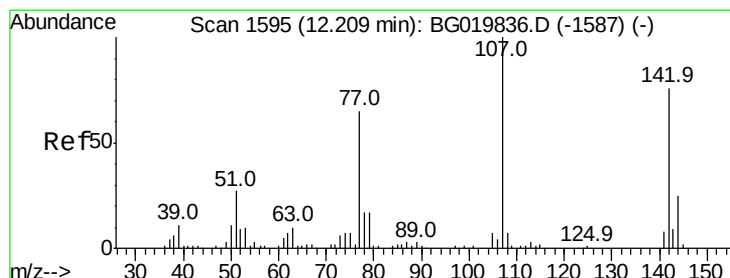
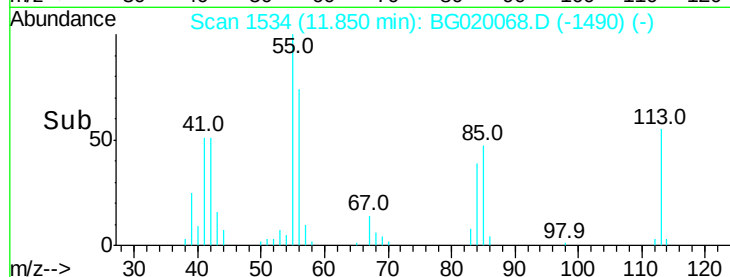
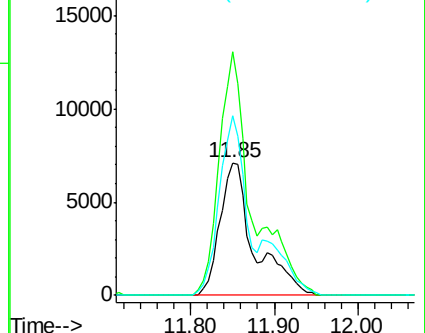
56 135.1 83.4 123.4#



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: 38.52 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

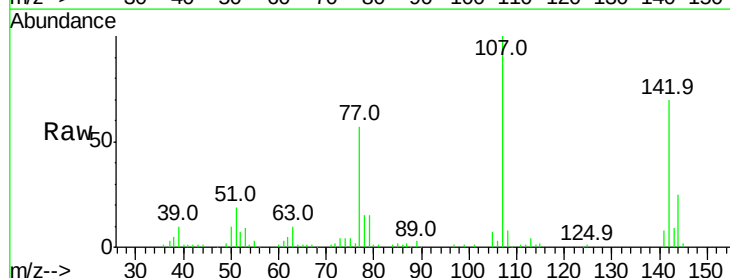
Tgt Ion:107 Resp: 70561

Ion Ratio Lower Upper

107 100

144 25.2 20.6 31.0

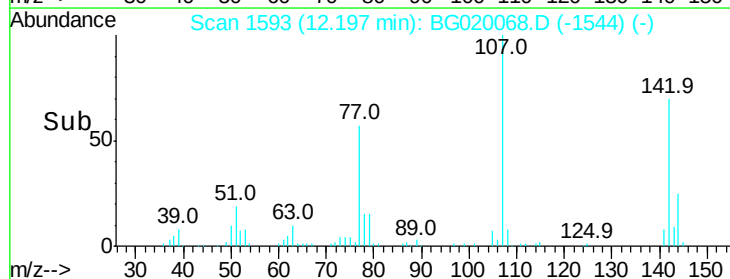
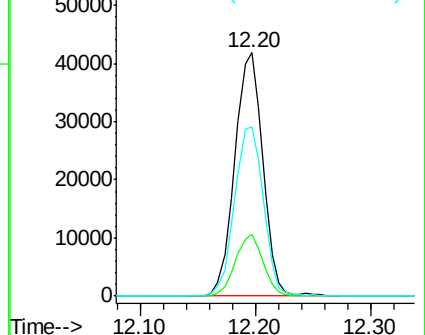
142 69.5 62.6 93.8

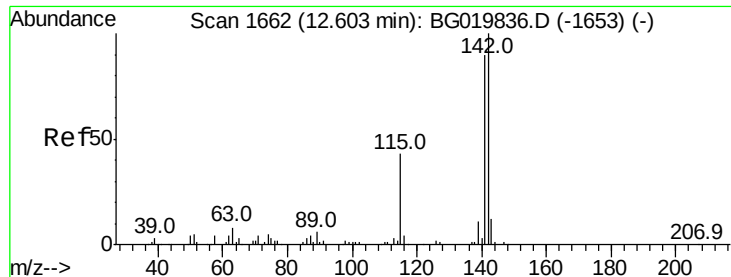


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

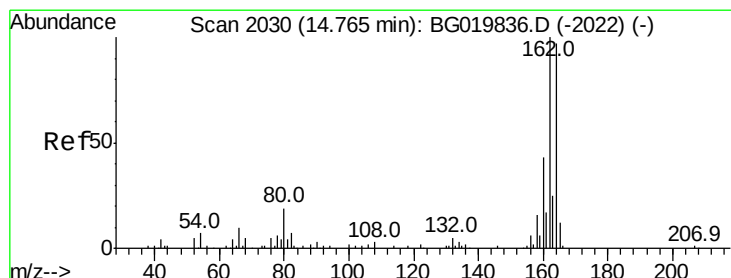
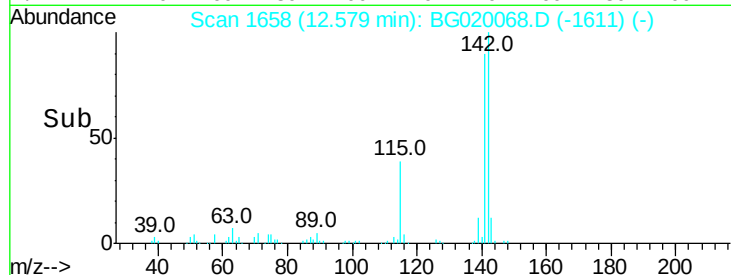
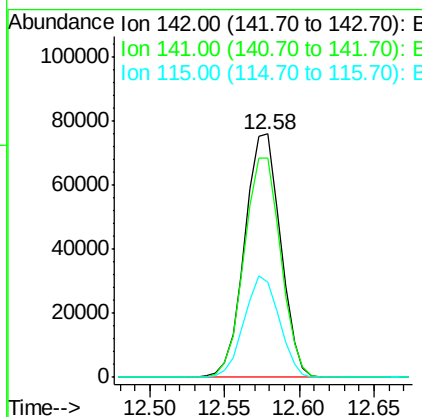
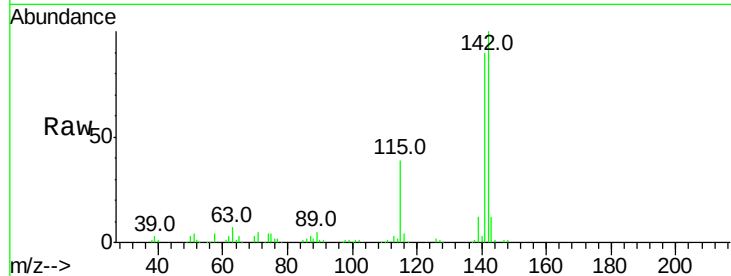




#37
2-Methylnaphthalene
Concen: 38.22 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

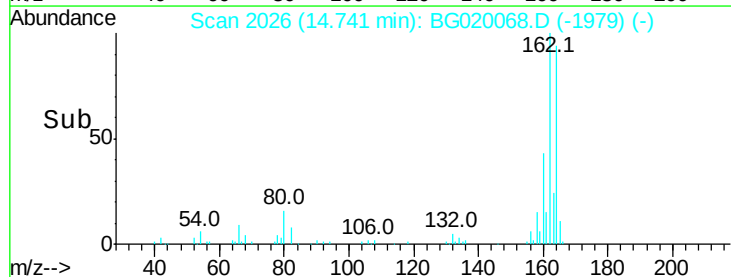
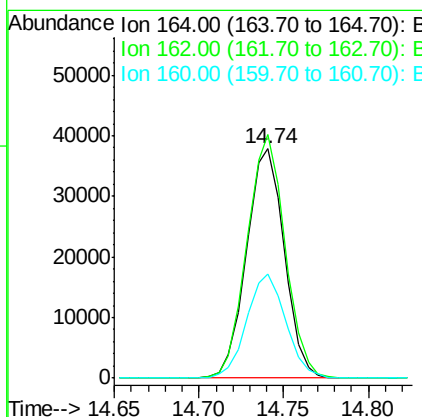
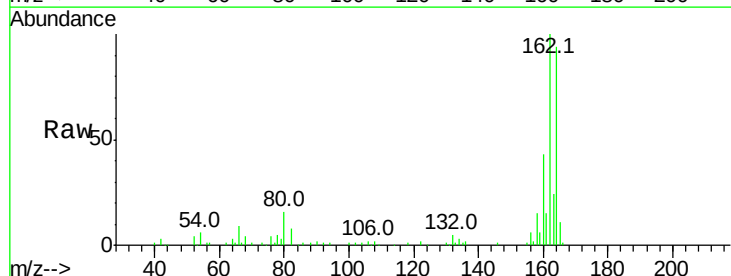
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

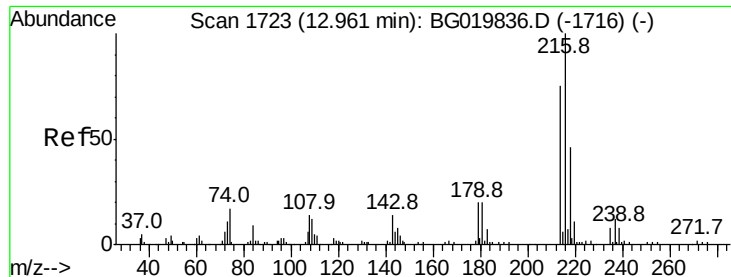
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.6	112.0
115	39.1	27.4	41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	78.8	118.2
160	45.2	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.78 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

Tot Ion:216 Resp: 81749

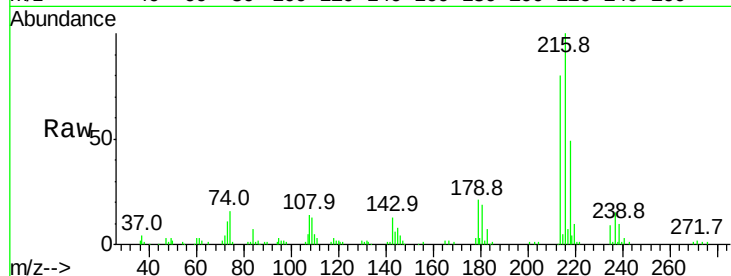
Ion Ratio Lower Upper

216 100

214 79.7 62.5 93.7

179 19.7 15.6 23.4

108 16.6 13.3 19.9

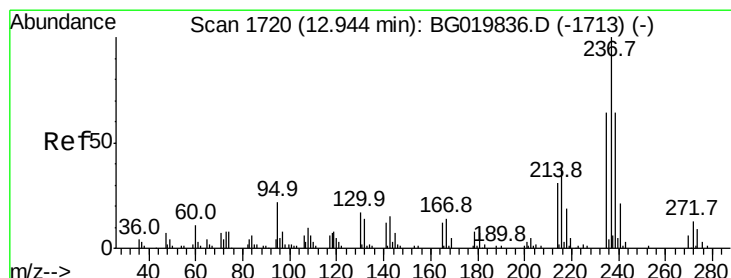
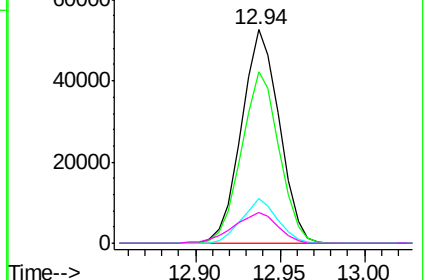
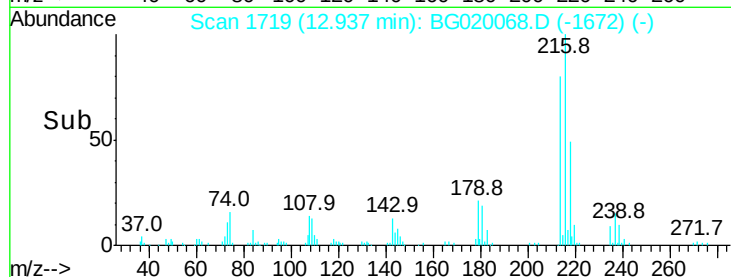


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 57.31 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

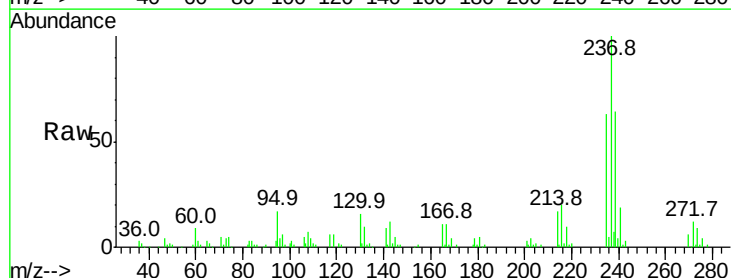
Tgt Ion:237 Resp: 72635

Ion Ratio Lower Upper

237 100

235 63.2 44.6 84.6

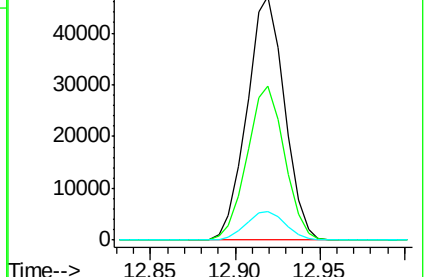
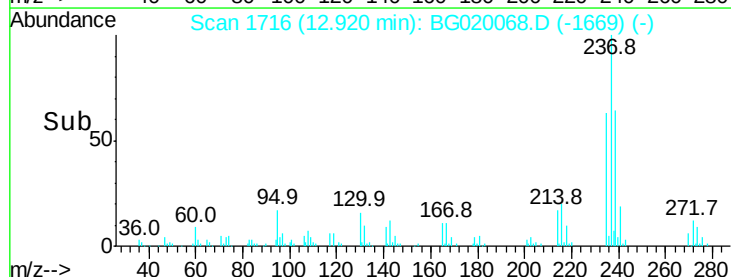
272 12.0 0.0 32.8

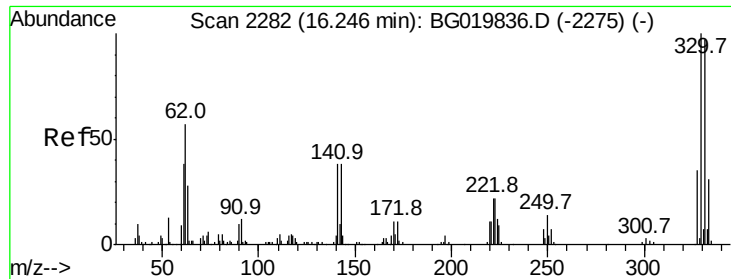


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.40 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

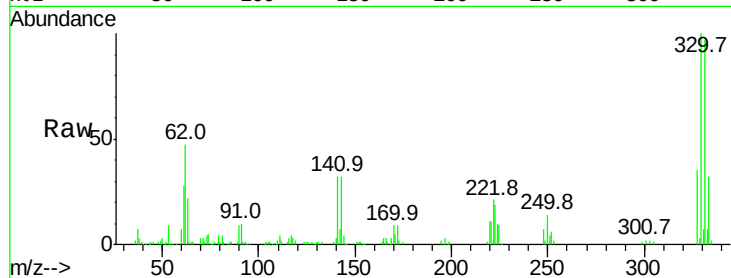
Tot Ion:330 Resp: 104324

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

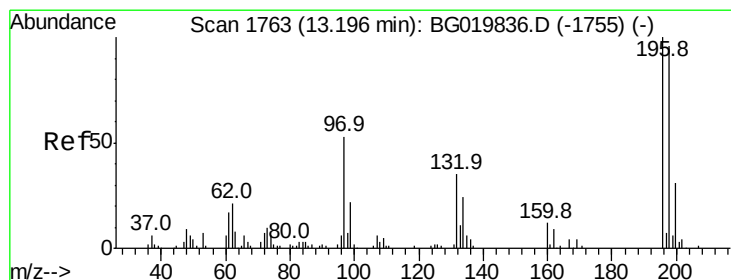
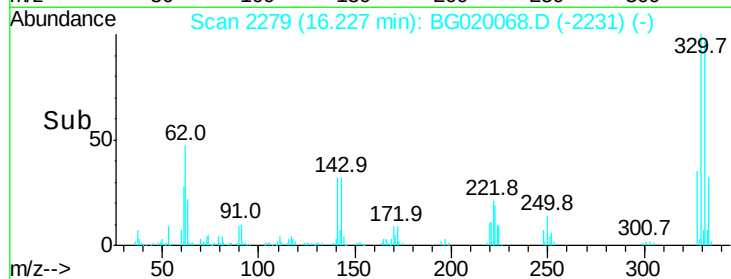
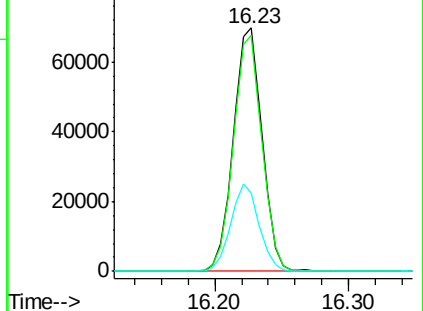
141 35.5 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.81 ng

RT: 13.17 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

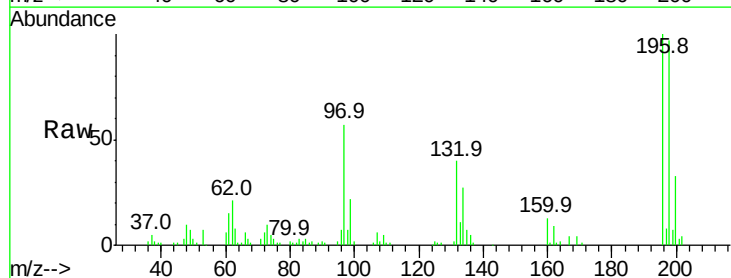
Tgt Ion:196 Resp: 57124

Ion Ratio Lower Upper

196 100

198 97.4 74.7 112.1

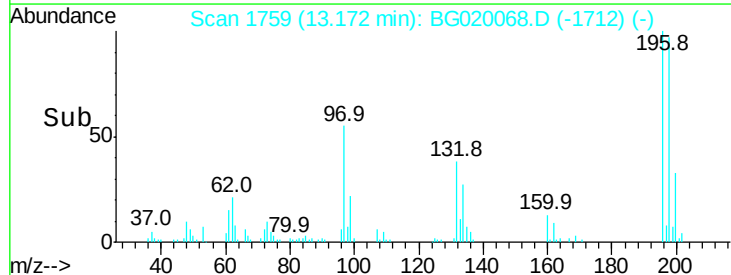
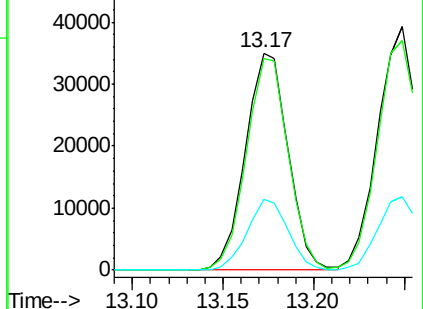
200 32.6 24.1 36.1

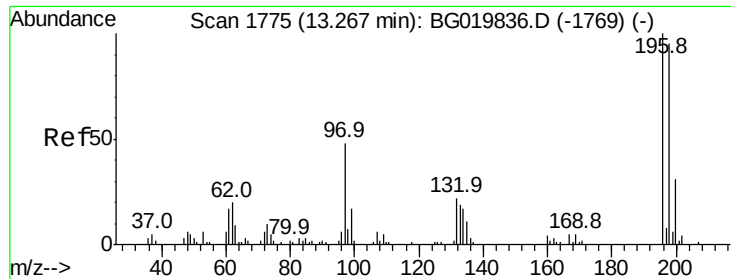


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

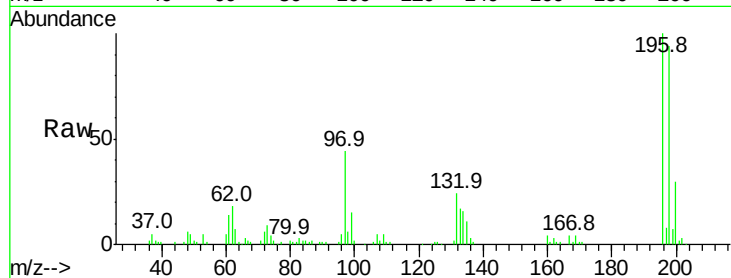




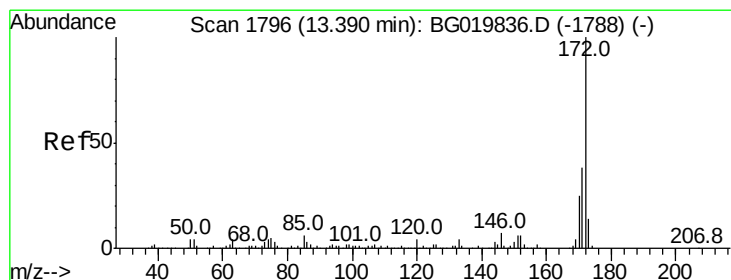
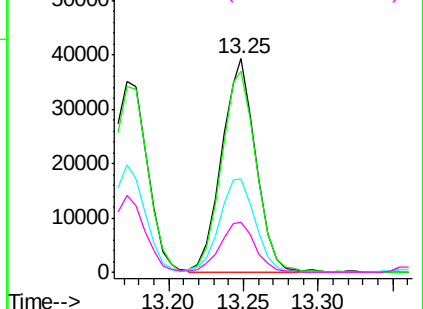
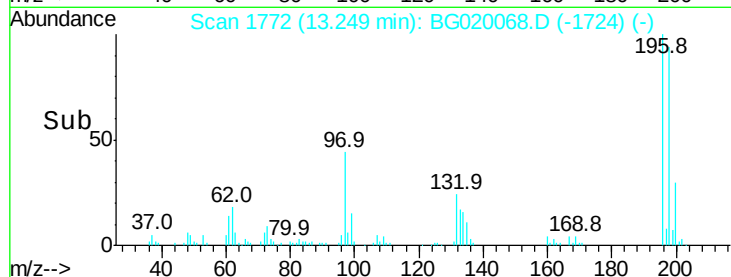
#43
 2,4,5-Trichlorophenol
 Concen: 40.22 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

Tot Ion:196 Resp: 62563
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.2 112.8
 97 43.8 34.2 51.2
 132 23.6 21.8 32.6

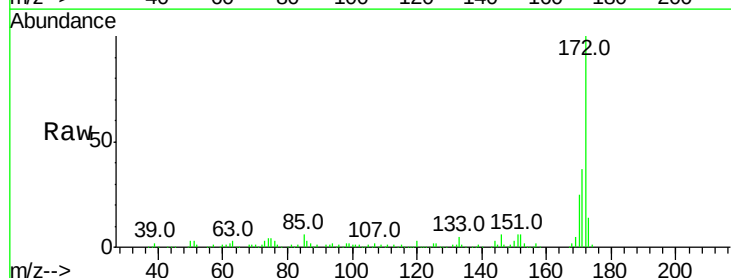


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

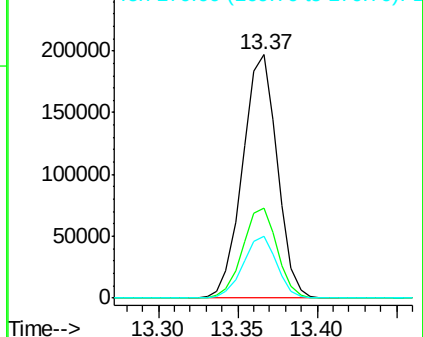
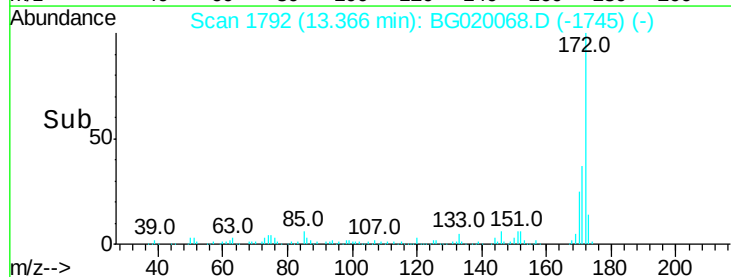


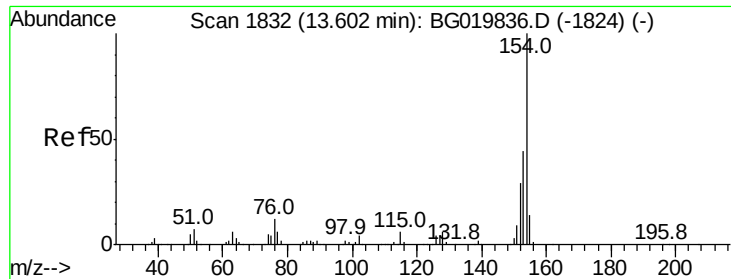
#44
 2-Fluorobiphenyl
 Concen: 69.59 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion:172 Resp: 298553
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.4 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: 35.66 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampled :

S8-14.5MS

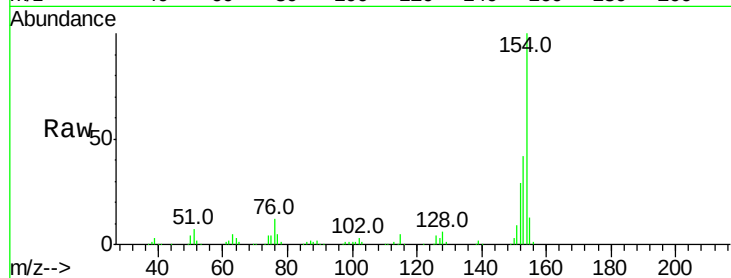
Tot Ion:154 Resp: 171443

Ion Ratio Lower Upper

154 100

153 42.2 21.9 61.9

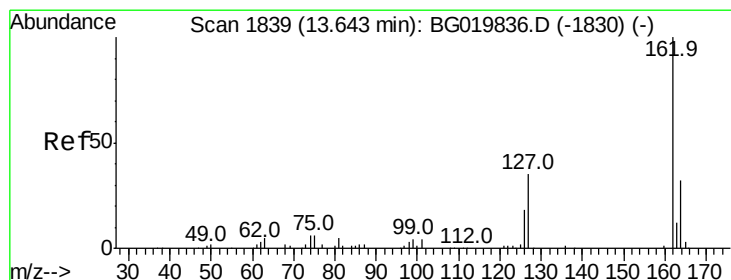
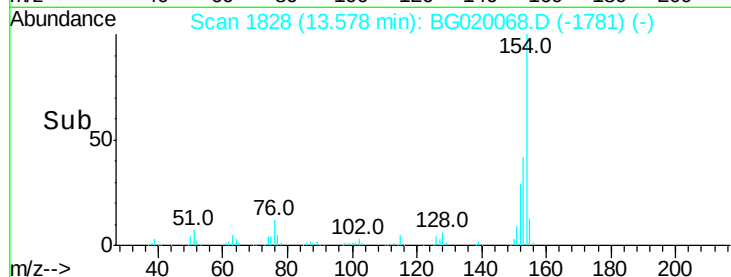
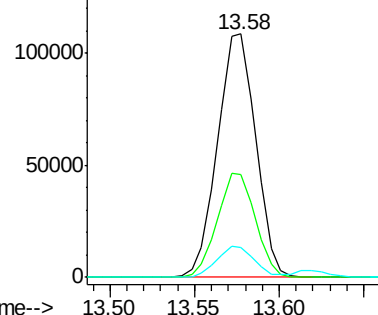
76 12.0 0.0 33.2



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: 37.09 ng

RT: 13.62 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

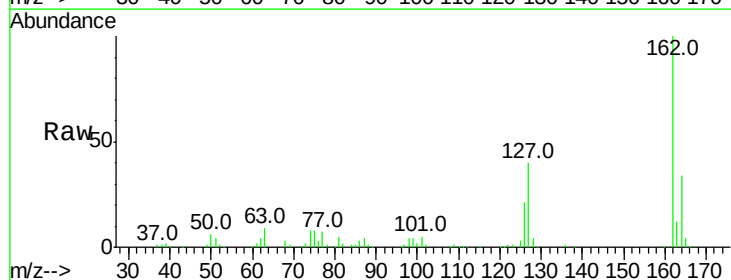
Tgt Ion:162 Resp: 137420

Ion Ratio Lower Upper

162 100

127 40.2 28.3 42.5

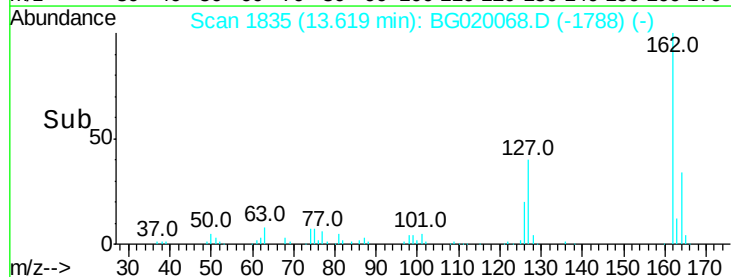
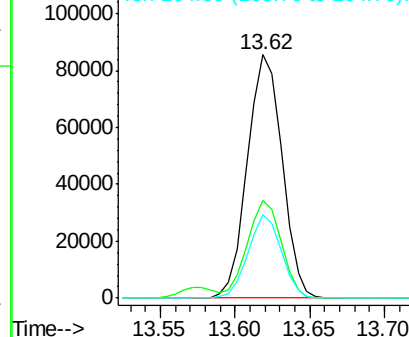
164 34.4 27.4 41.0

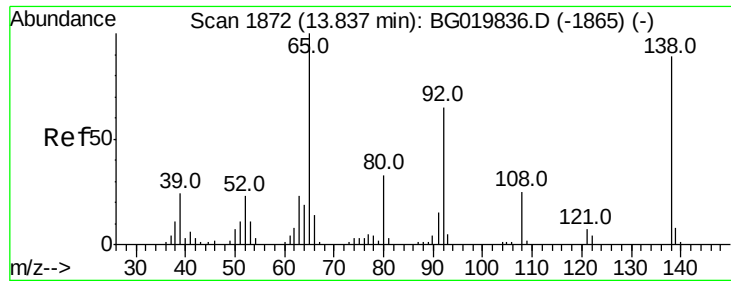


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

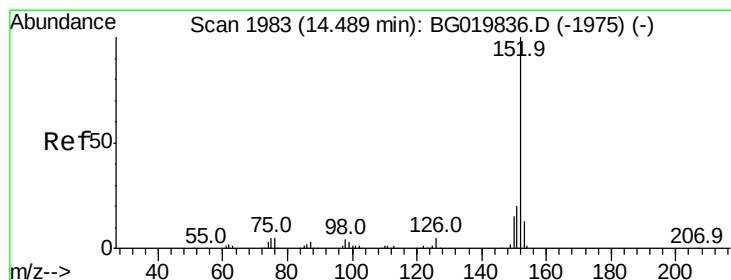
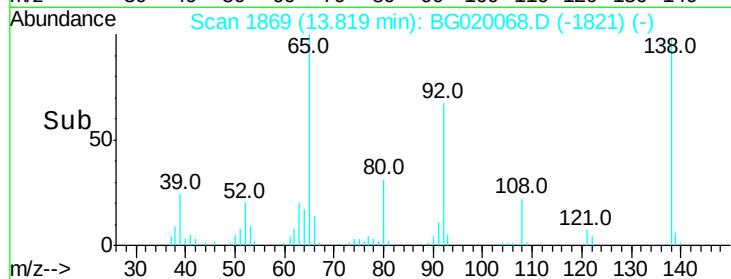
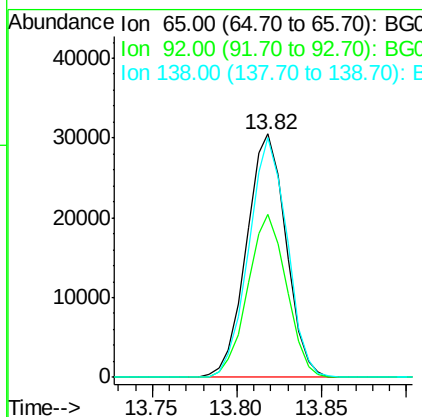
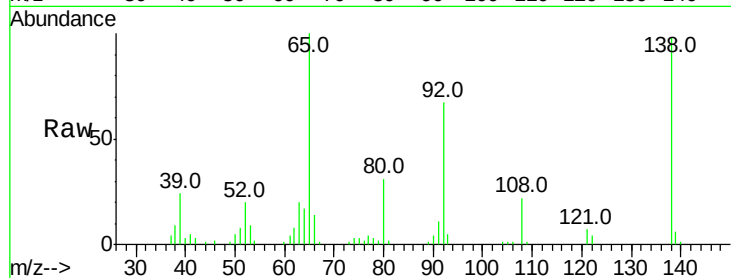




#47
 2-Nitroaniline
 Concen: 42.34 ng
 RT: 13.82 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

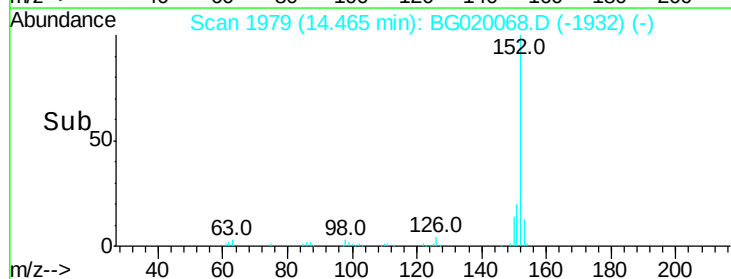
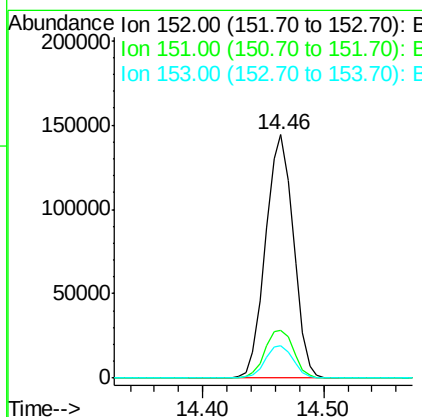
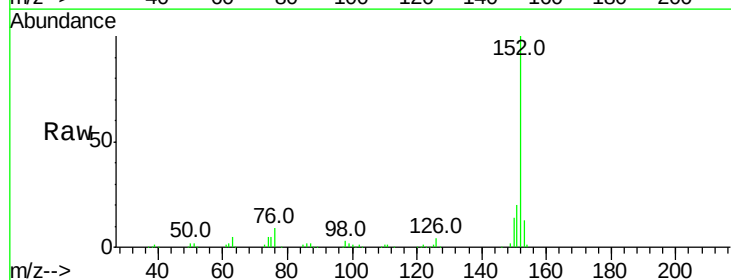
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

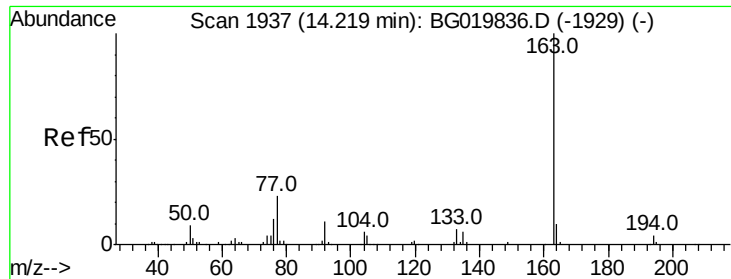
Tot Ion: 65 Resp: 49549
 Ion Ratio Lower Upper
 65 100
 92 67.1 54.8 82.2
 138 98.3 89.6 134.4



#48
 Acenaphthylene
 Concen: 36.32 ng
 RT: 14.46 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion: 152 Resp: 229255
 Ion Ratio Lower Upper
 152 100
 151 19.8 17.0 25.4
 153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 50.69 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

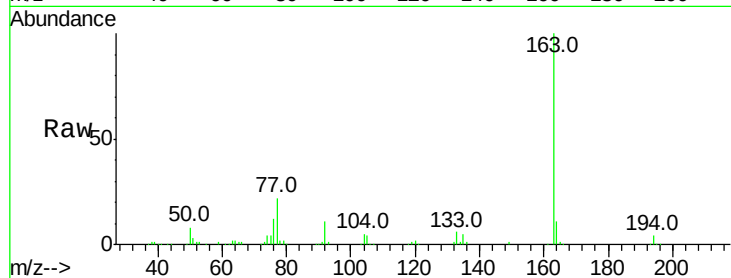
Tot Ion:163 Resp: 267081

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

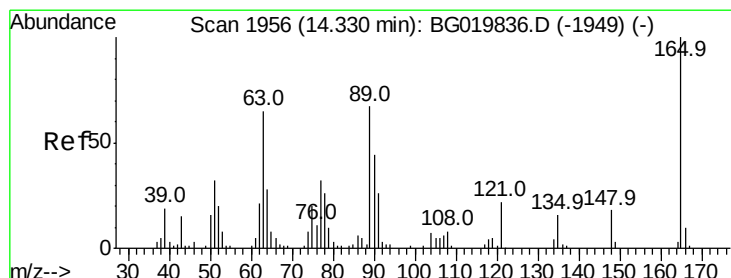
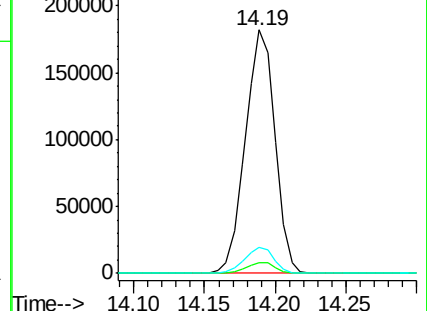
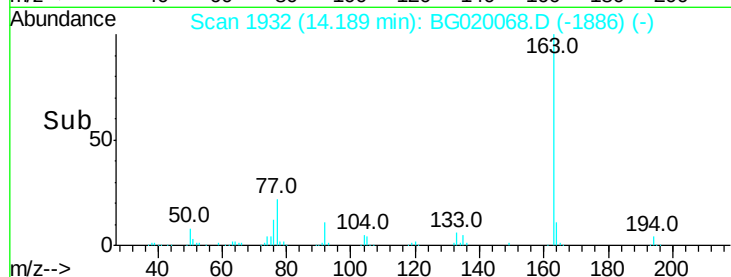
164 10.6 8.8 13.2



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: 40.94 ng

RT: 14.31 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

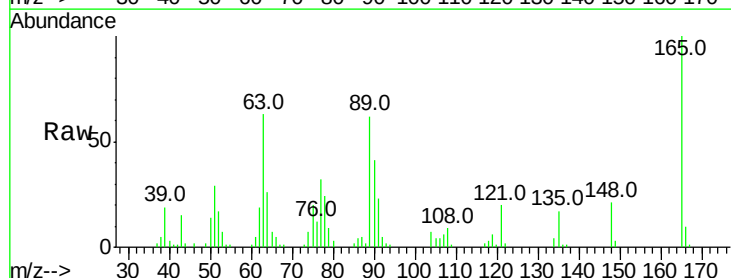
Tgt Ion:165 Resp: 40557

Ion Ratio Lower Upper

165 100

63 62.9 35.7 53.5#

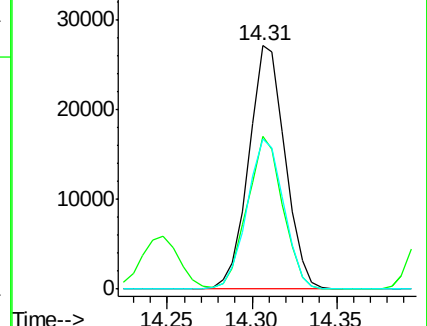
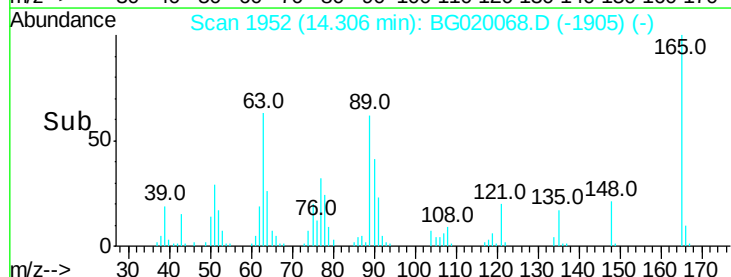
89 61.6 39.7 59.5#

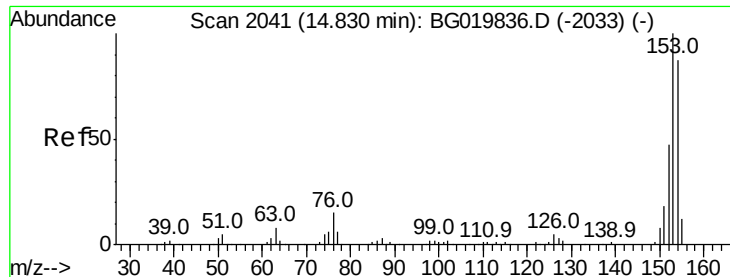


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.30 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

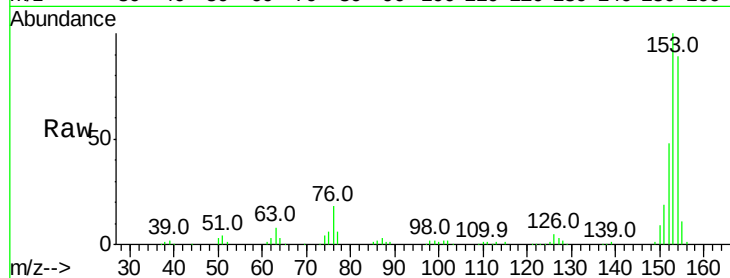
Tot Ion:154 Resp: 146681

Ion Ratio Lower Upper

154 100

153 112.7 92.9 139.3

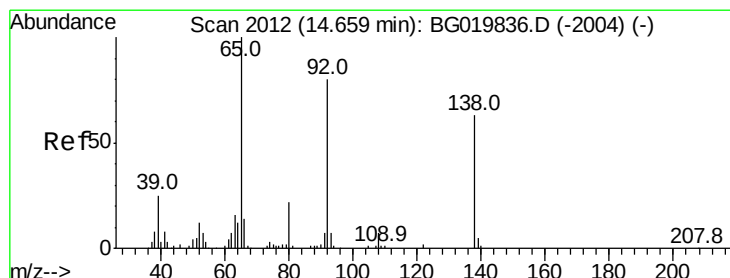
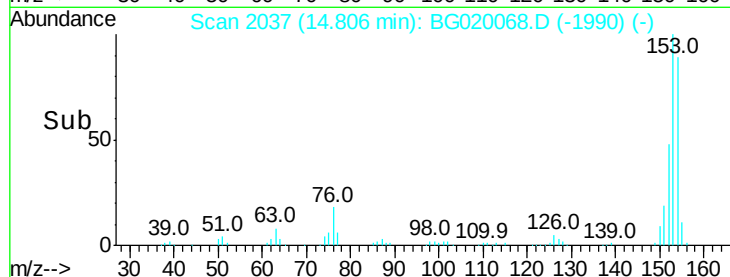
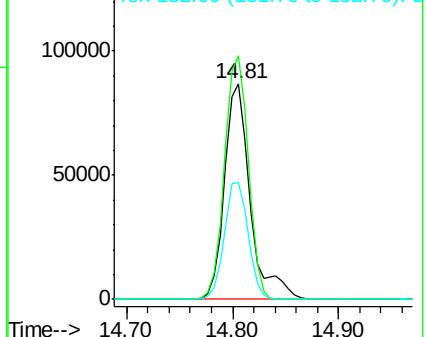
152 54.1 45.8 68.8



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: 25.90 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

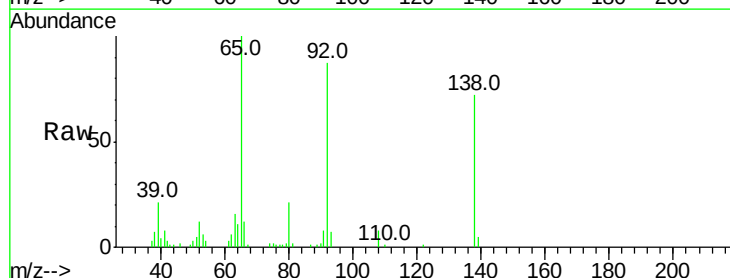
Tgt Ion:138 Resp: 26660

Ion Ratio Lower Upper

138 100

108 11.3 7.9 11.9

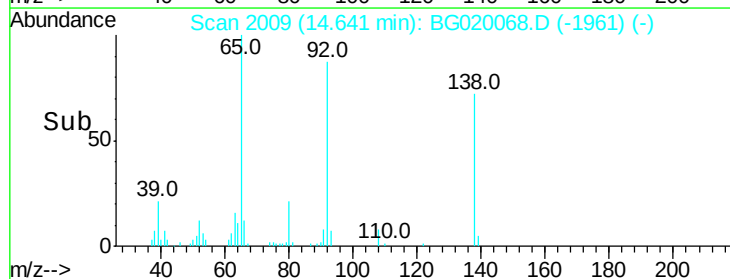
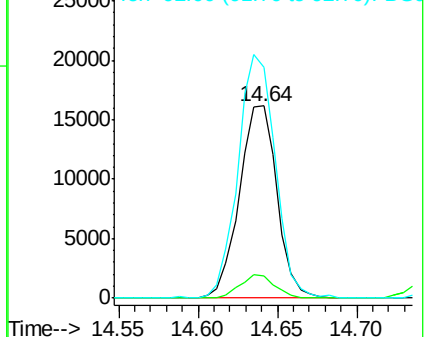
92 120.4 94.2 141.4

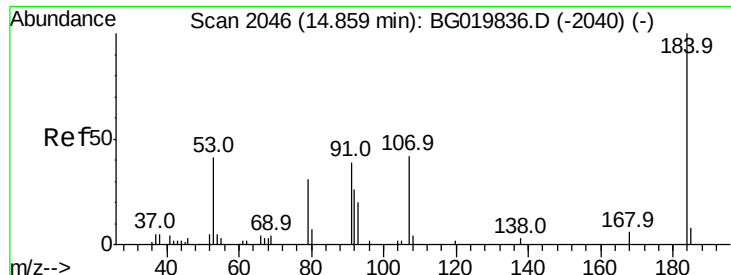


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

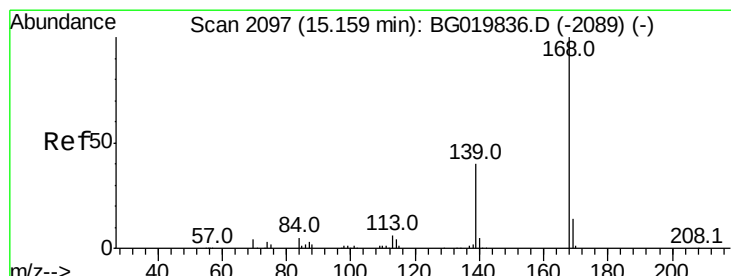
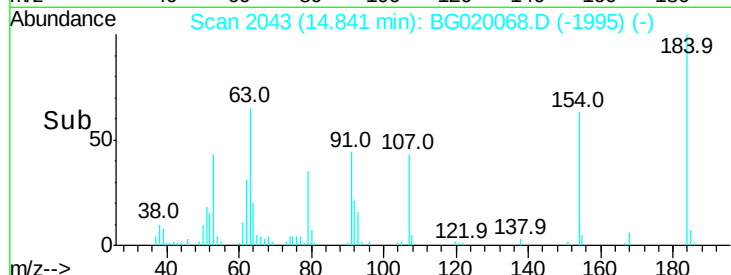
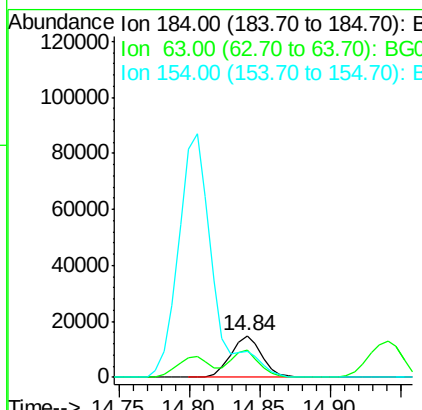
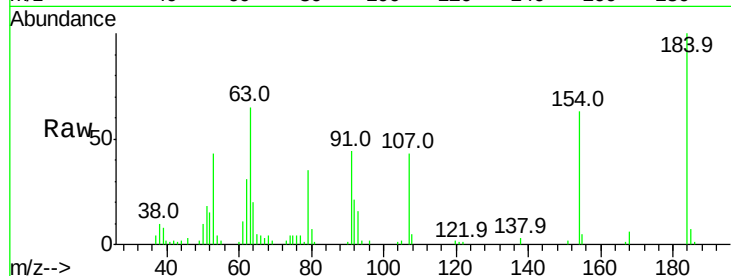




#53
 2,4-Dinitrophenol
 Concen: 47.50 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

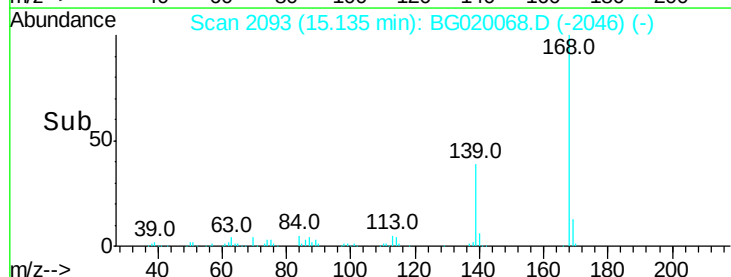
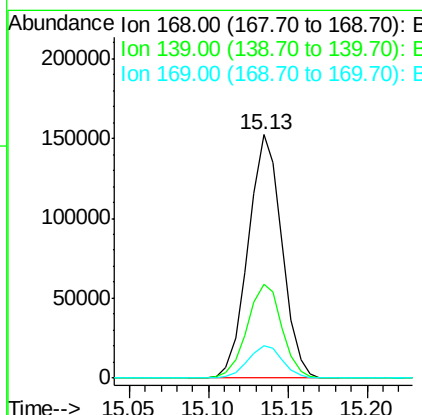
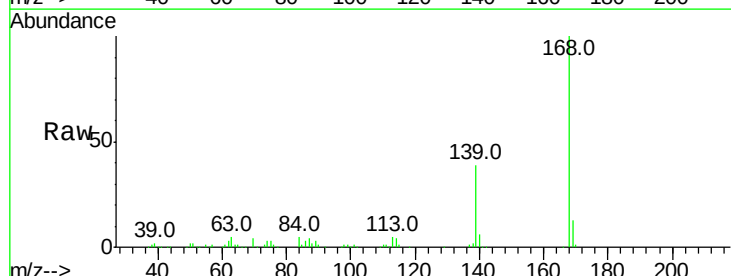
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

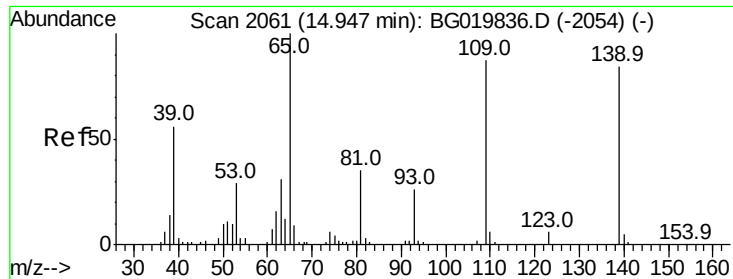
Tot Ion:184 Resp: 22800
 Ion Ratio Lower Upper
 184 100
 63 64.8 42.7 64.1#
 154 63.0 44.3 66.5



#54
 Dibenzofuran
 Concen: 39.56 ng
 RT: 15.13 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion:168 Resp: 225394
 Ion Ratio Lower Upper
 168 100
 139 38.7 27.4 41.0
 169 13.5 11.0 16.4

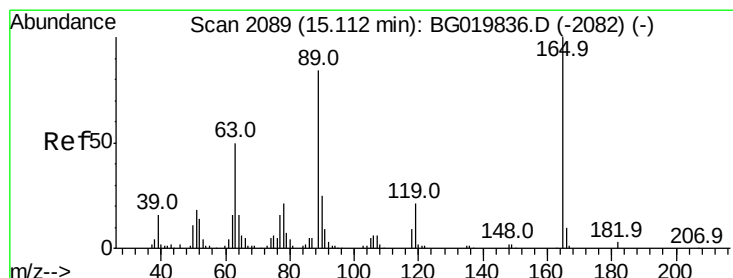
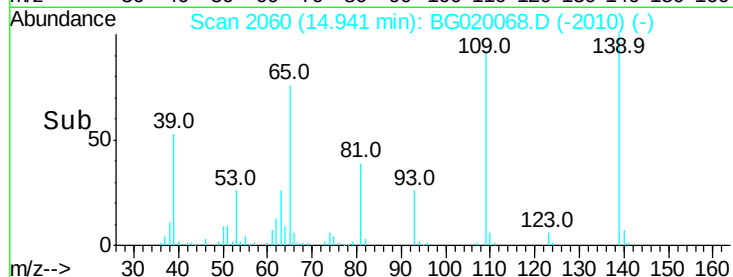
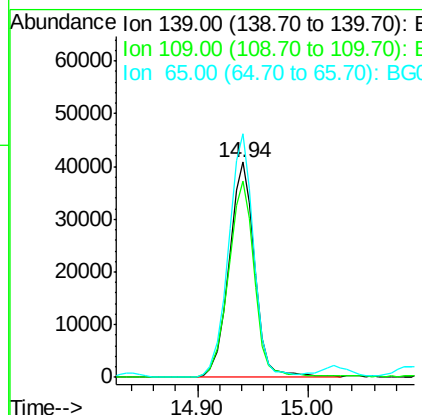
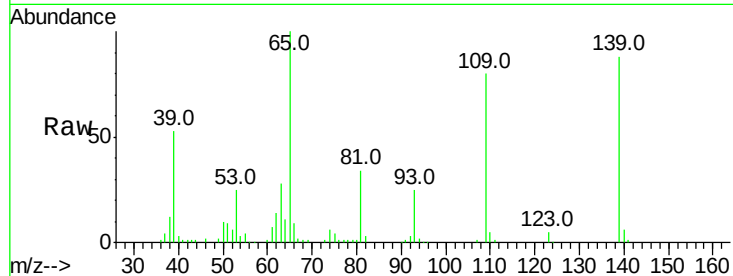




#55
4-Nitrophenol
Concen: 73.89 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

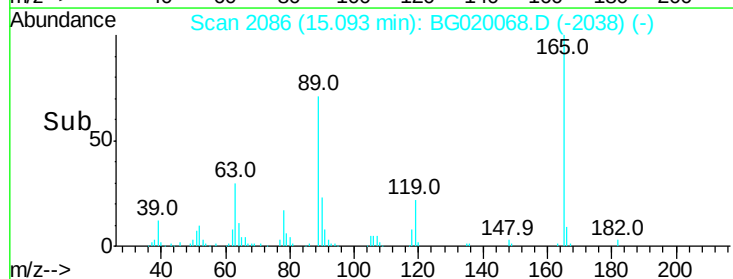
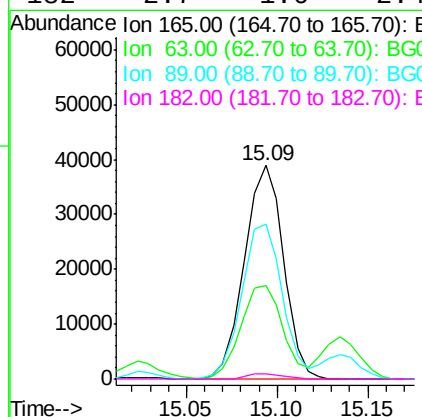
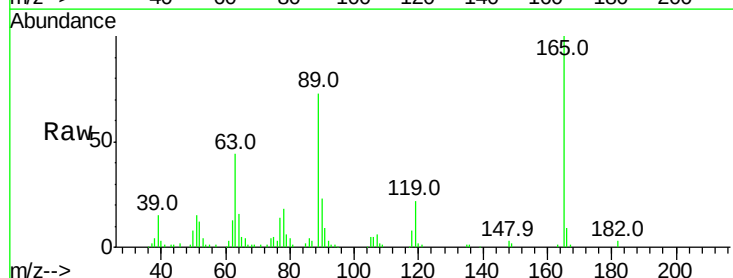
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

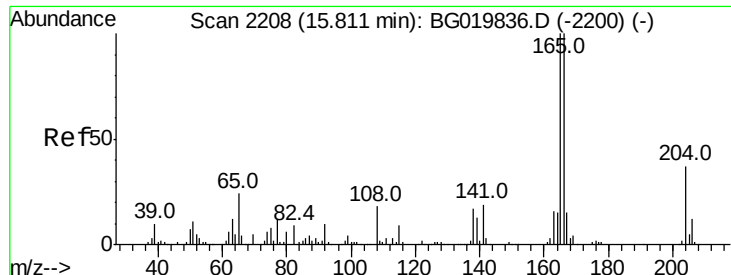
Tot Ion:139 Resp: 66238
Ion Ratio Lower Upper
139 100
109 91.1 43.2 83.2#
65 113.3 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 42.23 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion:165 Resp: 58365
Ion Ratio Lower Upper
165 100
63 44.0 31.0 46.4
89 72.7 54.4 81.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 35.22 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

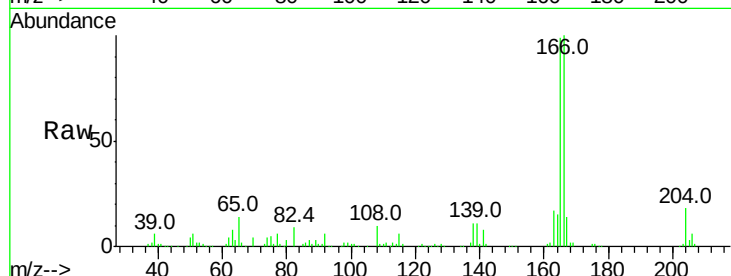
Tot Ion:166 Resp: 179619

Ion Ratio Lower Upper

166 100

165 99.5 80.0 120.0

167 14.1 11.1 16.7

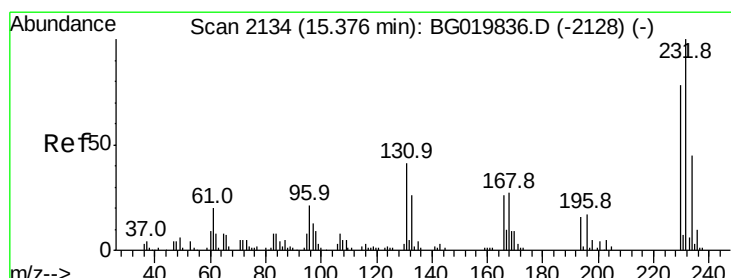
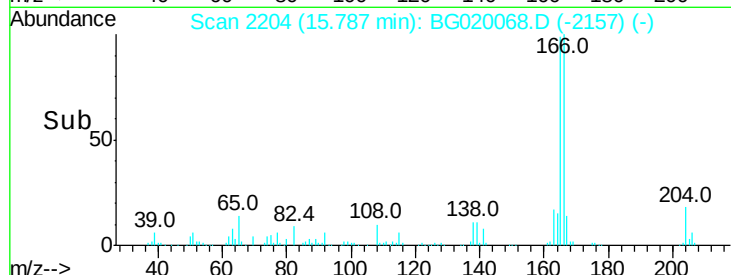
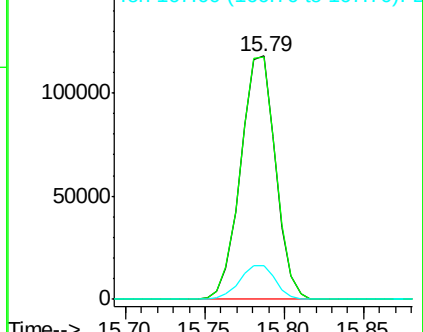


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.08 ng

RT: 15.36 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Tgt Ion:232 Resp: 60581

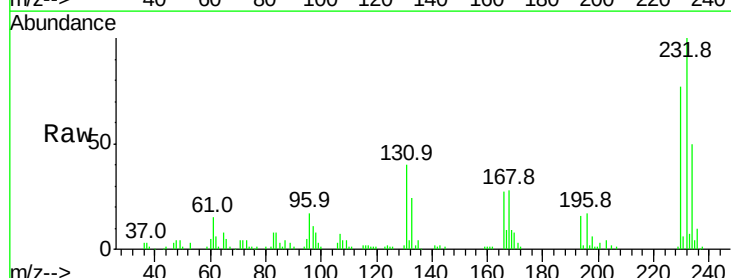
Ion Ratio Lower Upper

232 100

131 38.7 33.0 49.6

130 2.2 2.0 3.0

166 26.8 24.1 36.1



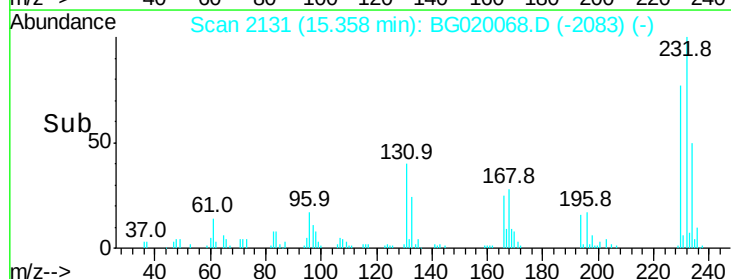
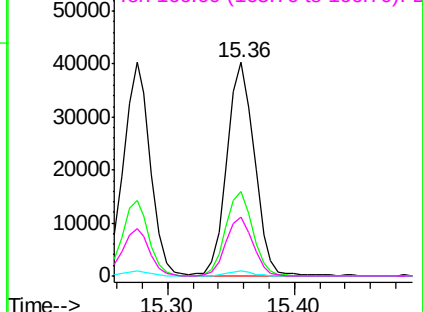
Abundance

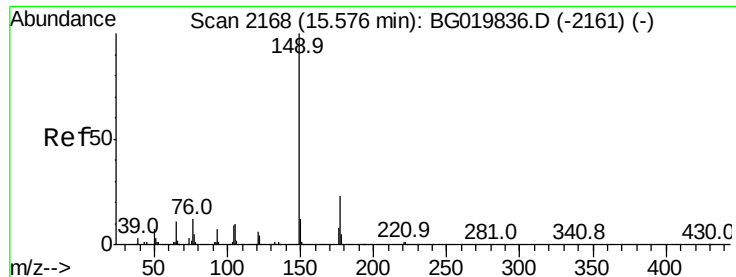
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.06 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

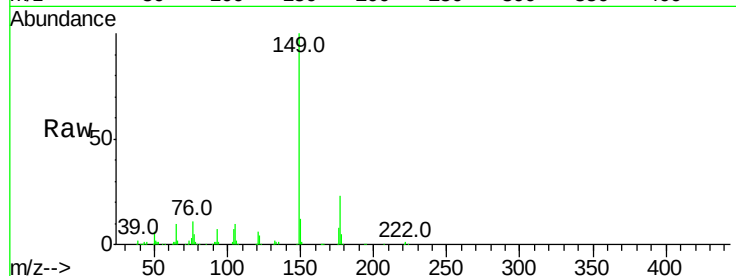
Tot Ion:149 Resp: 188518

Ion Ratio Lower Upper

149 100

177 23.2 19.6 29.4

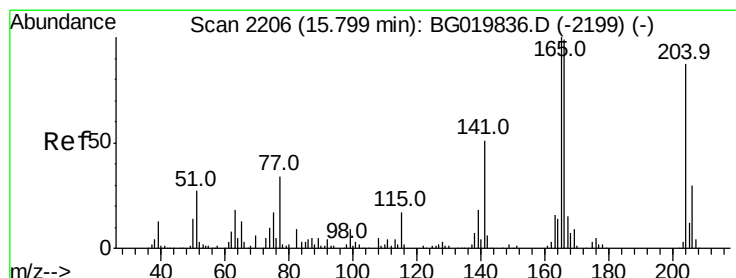
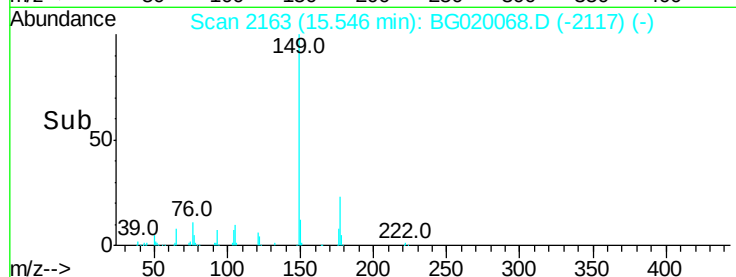
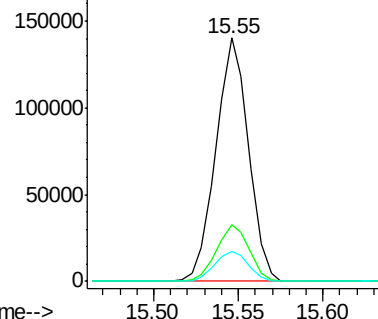
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.00 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

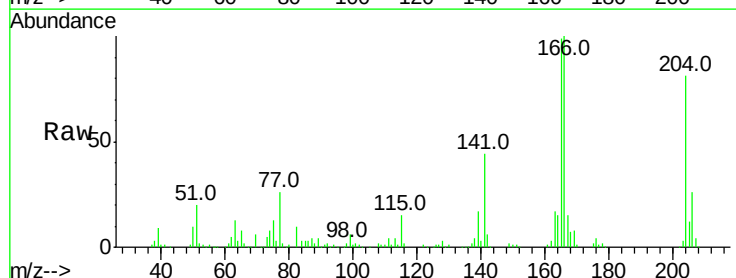
Tgt Ion:204 Resp: 99565

Ion Ratio Lower Upper

204 100

206 32.4 28.3 42.5

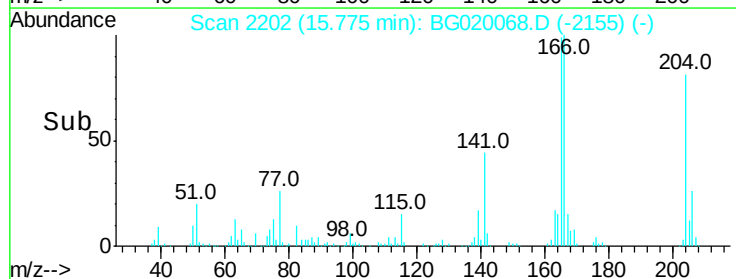
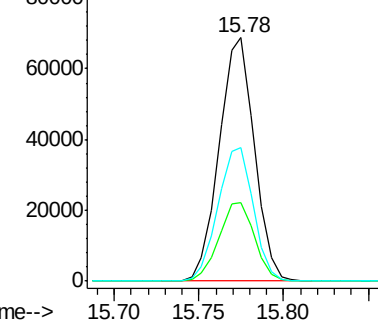
141 54.8 44.0 66.0

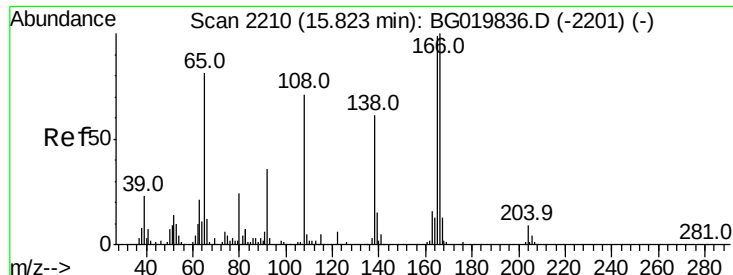


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

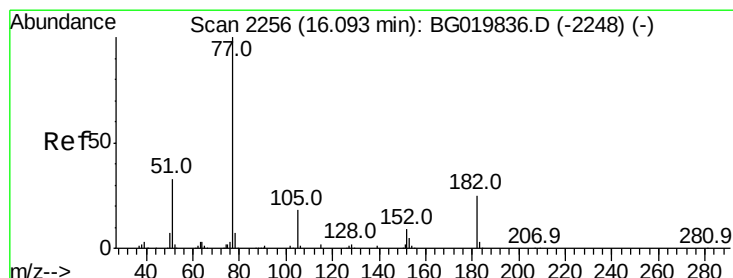
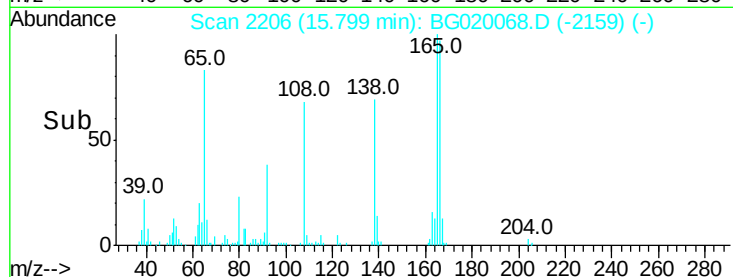
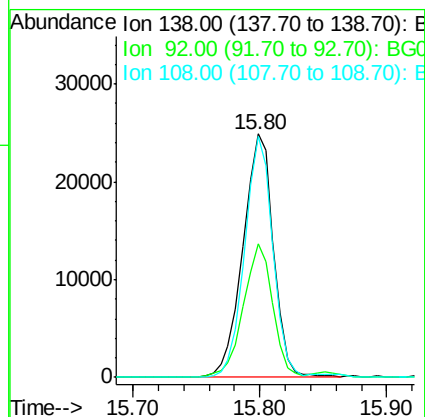
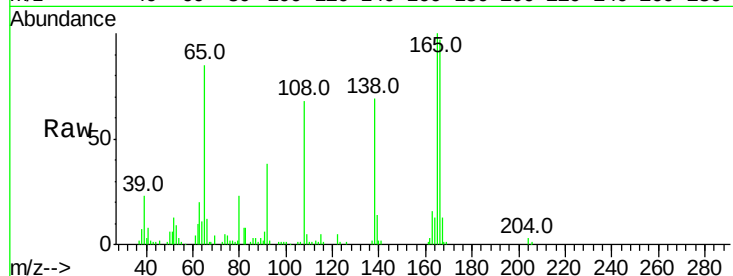




#61
4-Nitroaniline
Concen: 35.97 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

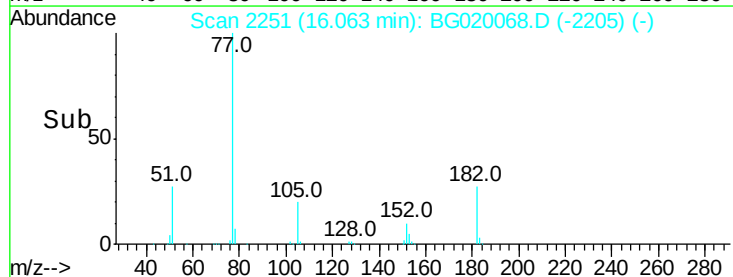
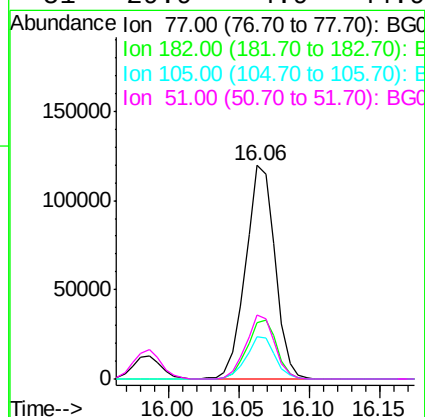
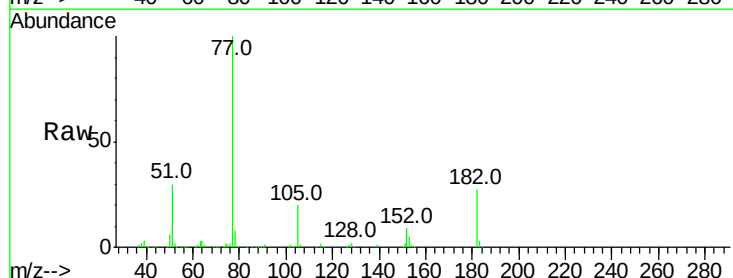
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

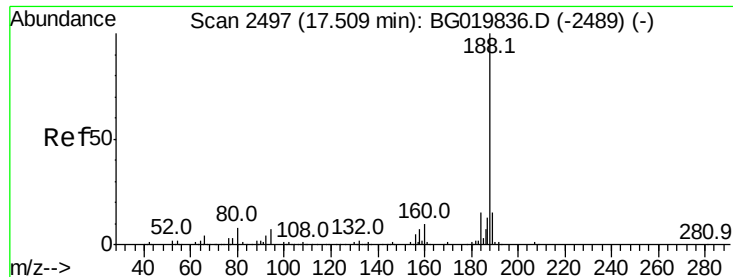
Tot Ion:138 Resp: 41636
Ion Ratio Lower Upper
138 100
92 54.9 29.1 69.1
108 99.0 49.8 89.8#



#62
Azobenzene
Concen: 36.71 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion: 77 Resp: 174191
Ion Ratio Lower Upper
77 100
182 26.5 7.0 47.0
105 19.6 1.4 41.4
51 29.9 4.9 44.9

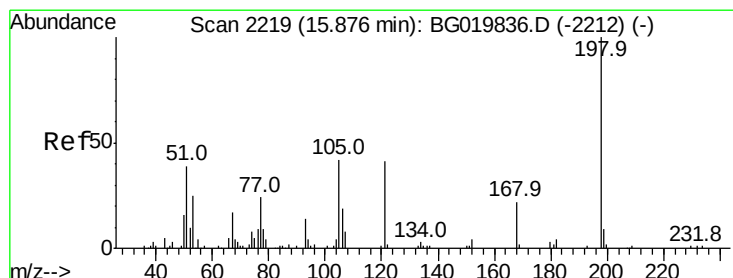
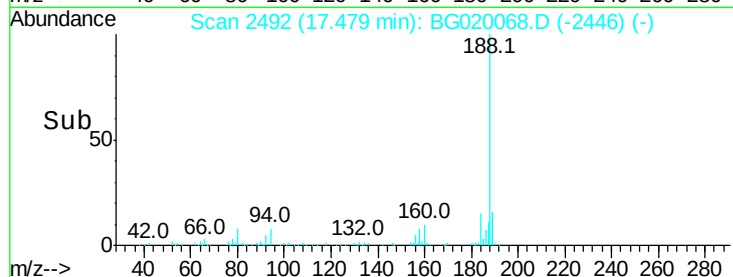
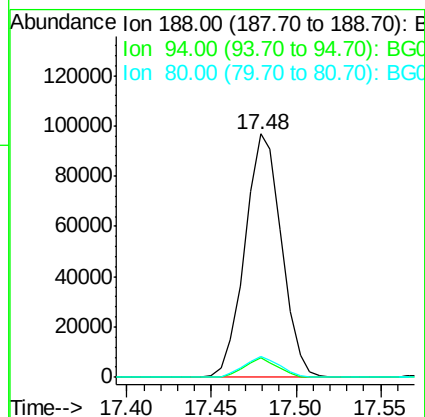
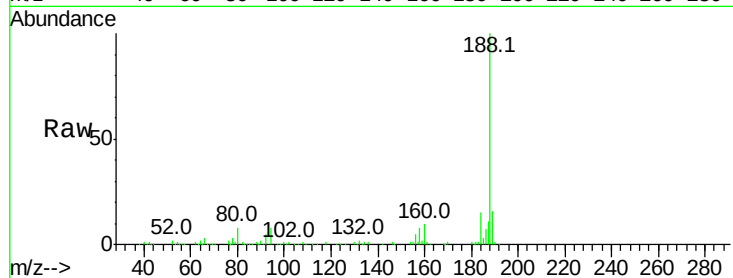




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

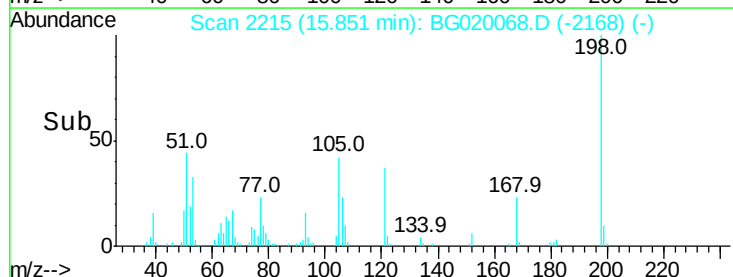
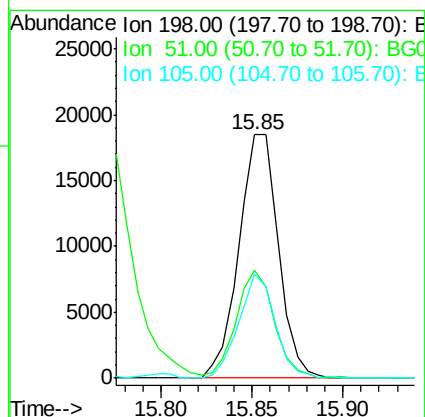
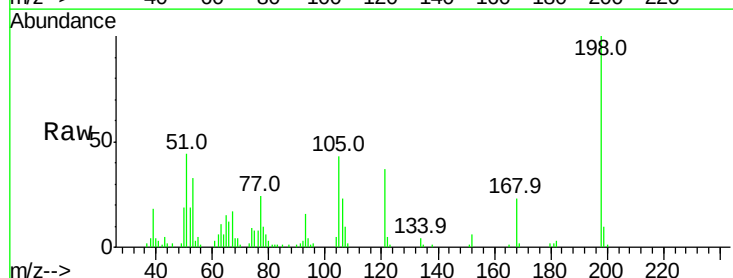
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

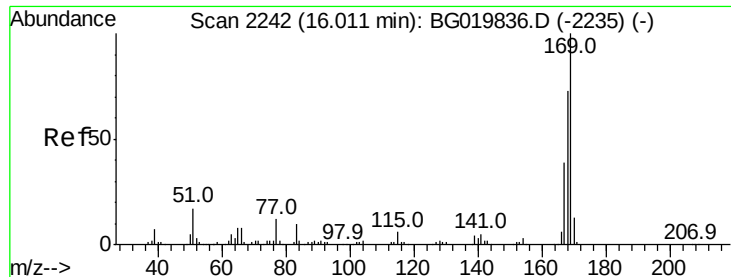
Tot Ion:188 Resp: 145807
Ion Ratio Lower Upper
188 100
94 7.9 7.7 11.5
80 8.4 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.90 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion:198 Resp: 27959
Ion Ratio Lower Upper
198 100
51 44.3 14.2 54.2
105 42.7 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 38.24 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampled :

S8-14.5MS

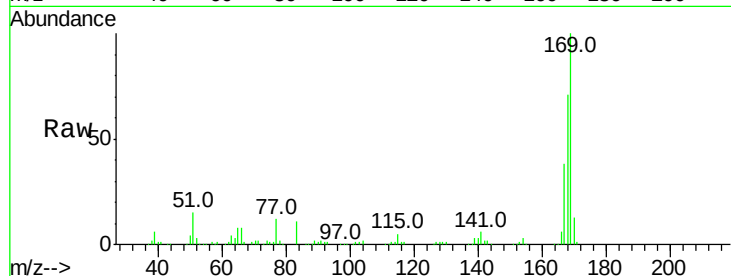
Tot Ion:169 Resp: 161347

Ion Ratio Lower Upper

169 100

168 71.0 58.2 87.2

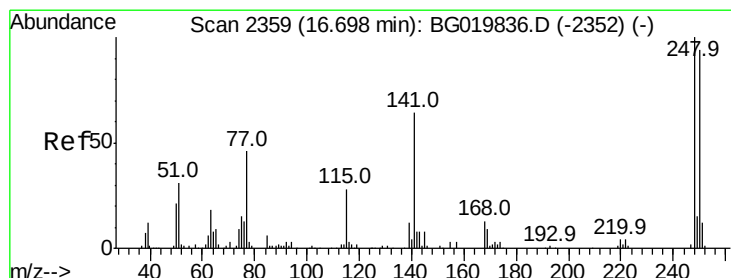
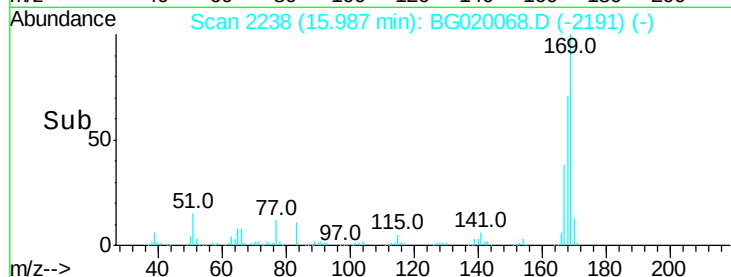
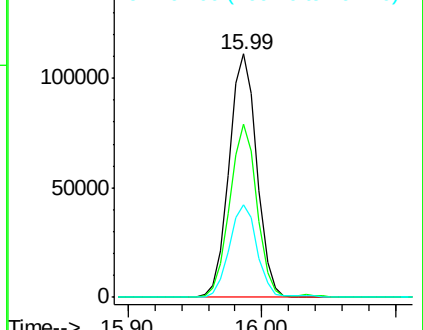
167 37.9 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.36 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

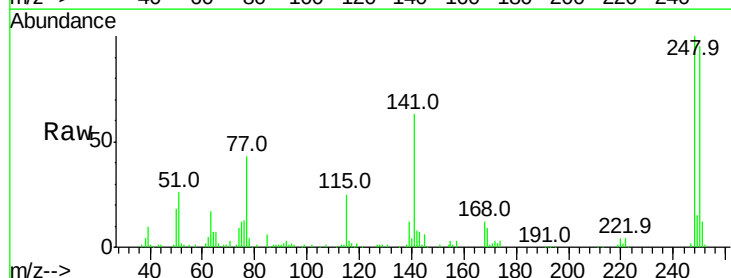
Tgt Ion:248 Resp: 65882

Ion Ratio Lower Upper

248 100

250 95.3 77.8 116.8

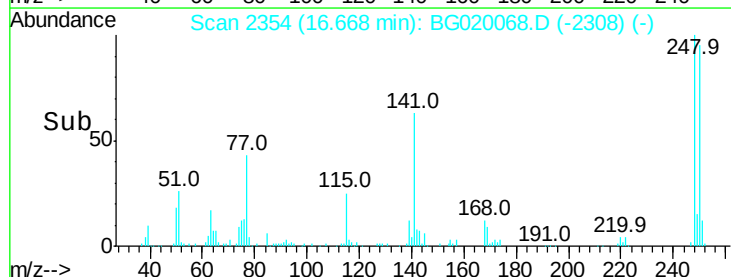
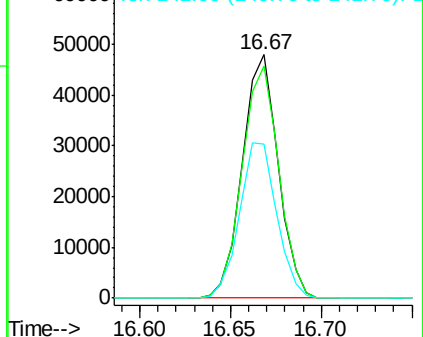
141 63.3 50.4 75.6

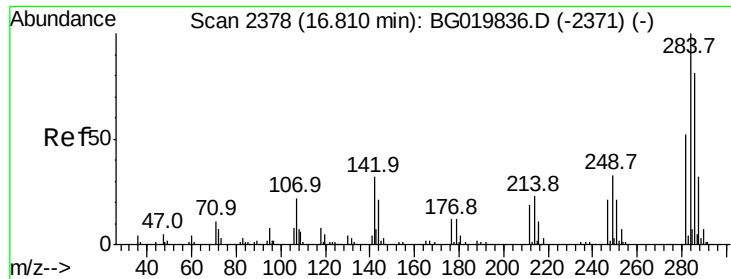


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.03 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

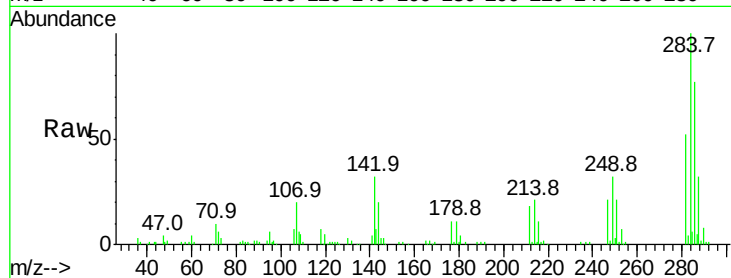
Tot Ion:284 Resp: 69882

Ion Ratio Lower Upper

284 100

142 32.1 26.6 39.8

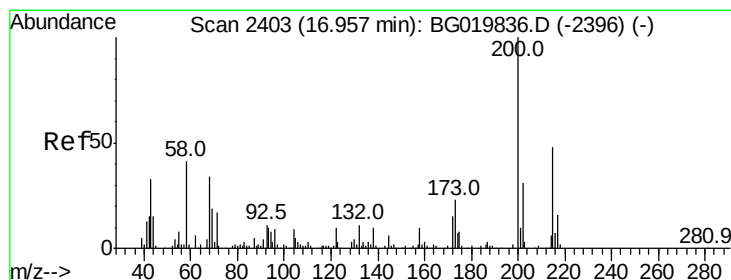
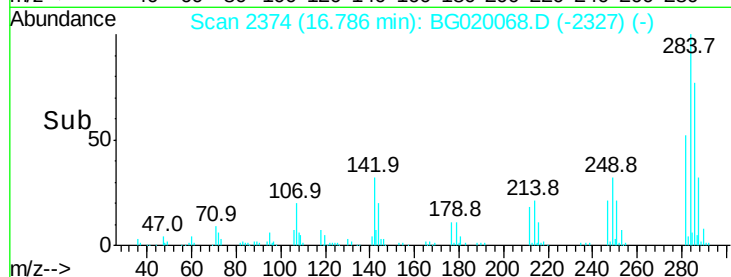
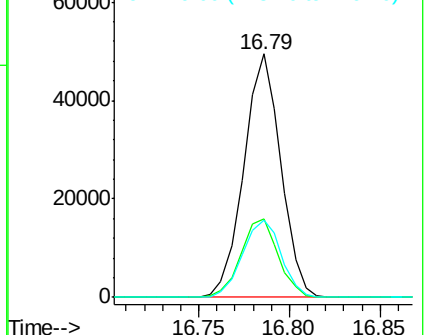
249 32.0 26.2 39.2



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: 36.99 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

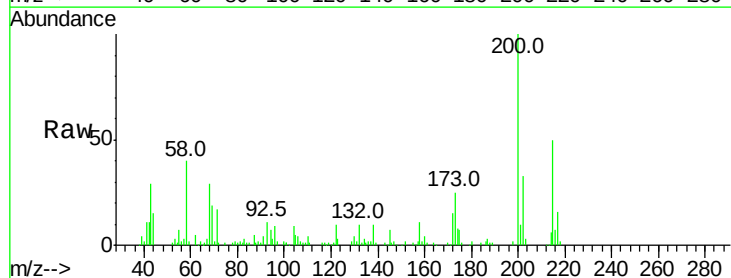
Tgt Ion:200 Resp: 67804

Ion Ratio Lower Upper

200 100

173 24.8 5.2 45.2

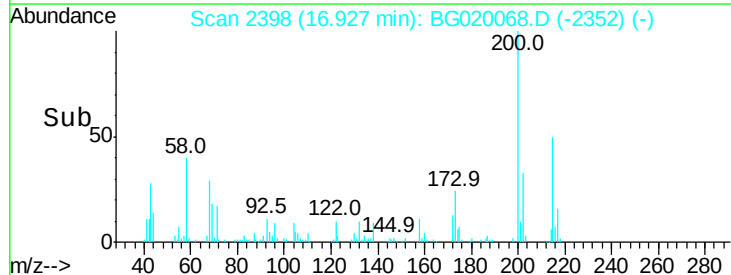
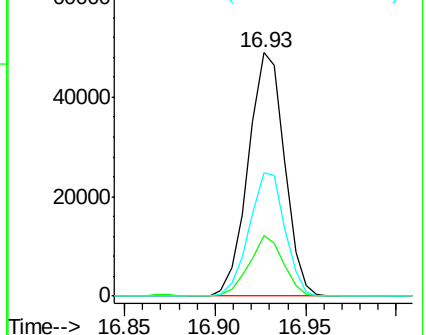
215 50.5 27.0 67.0

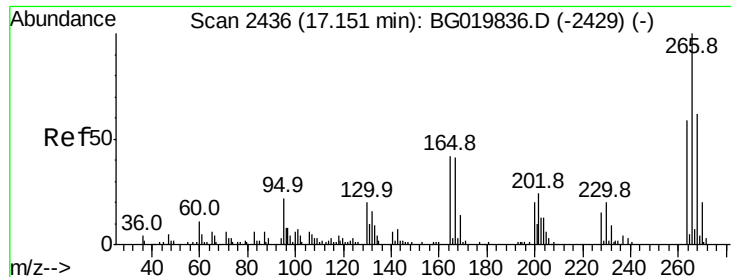


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

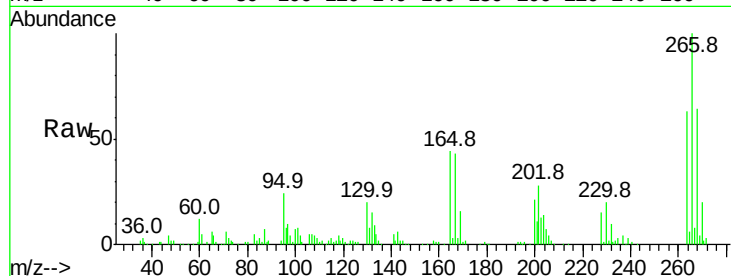




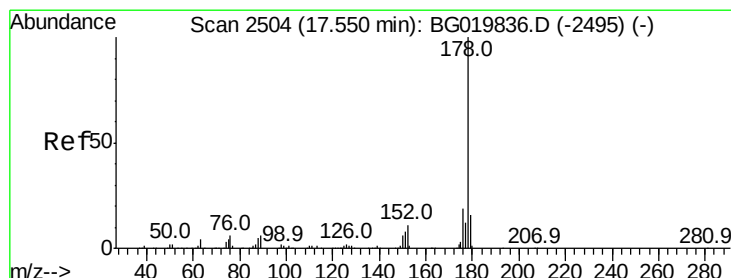
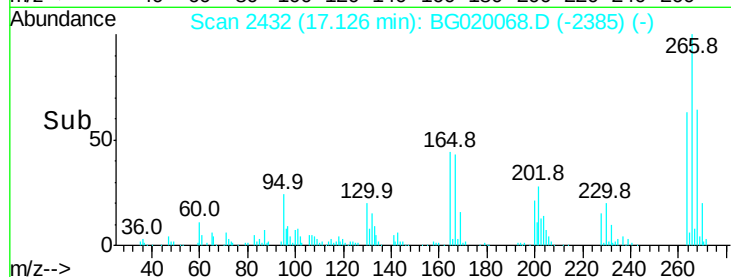
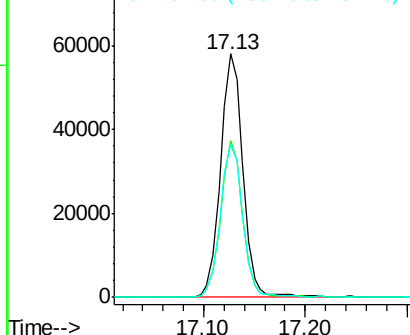
#69
 Pentachlorophenol
 Concen: 80.90 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	47.6	71.4
264	68.3	48.1	72.1

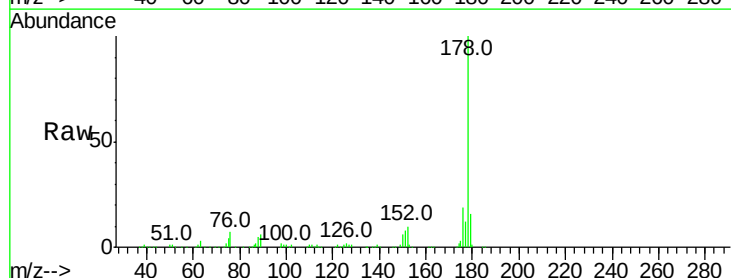


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

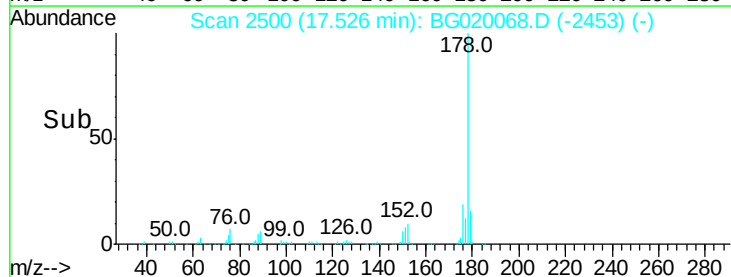
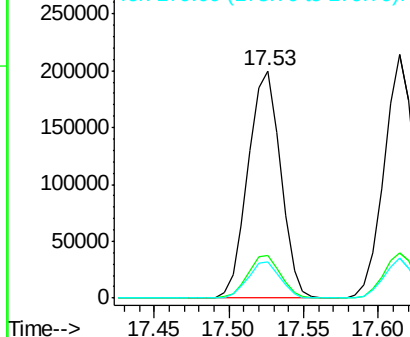


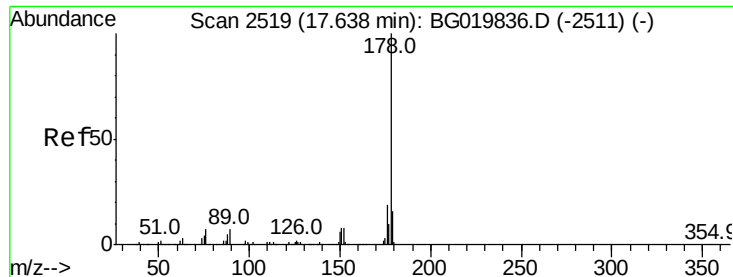
#70
 Phenanthrene
 Concen: 36.48 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.7	25.1
179	15.9	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: 36.28 ng

RT: 17.61 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

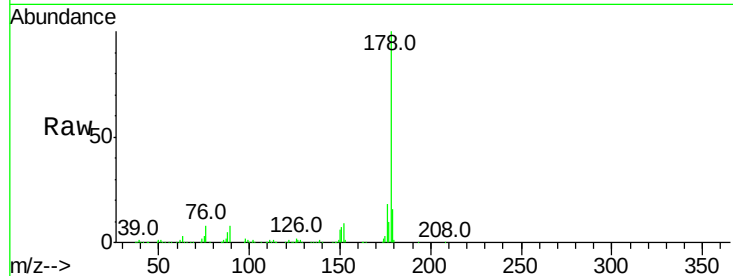
Tot Ion:178 Resp: 304864

Ion Ratio Lower Upper

178 100

176 18.4 16.8 25.2

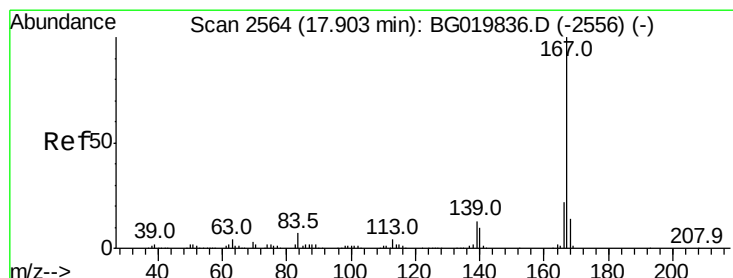
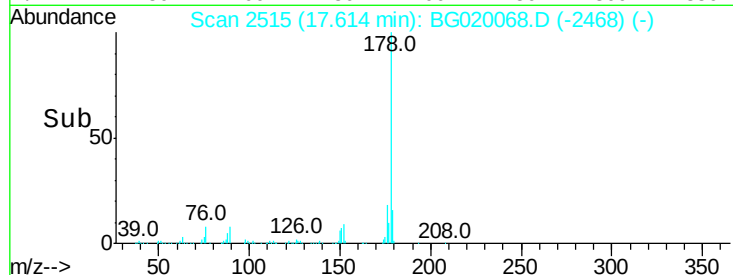
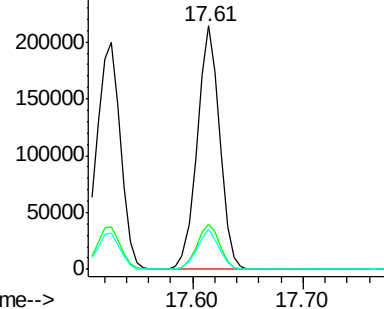
179 16.5 13.9 20.9



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



#72

Carbazole

Concen: 36.83 ng

RT: 17.88 min Scan# 2560

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

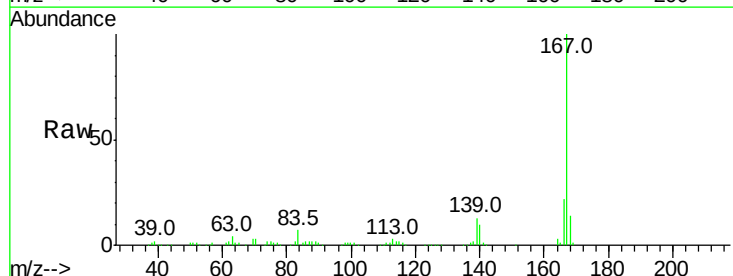
Tgt Ion:167 Resp: 272642

Ion Ratio Lower Upper

167 100

166 22.1 19.0 28.6

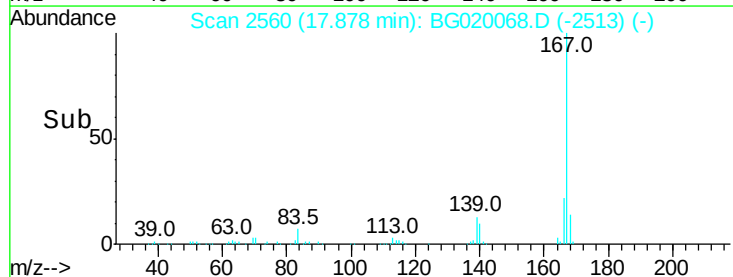
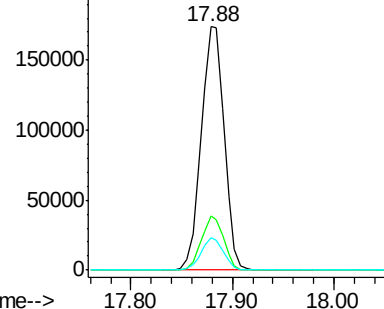
139 13.4 10.2 15.4

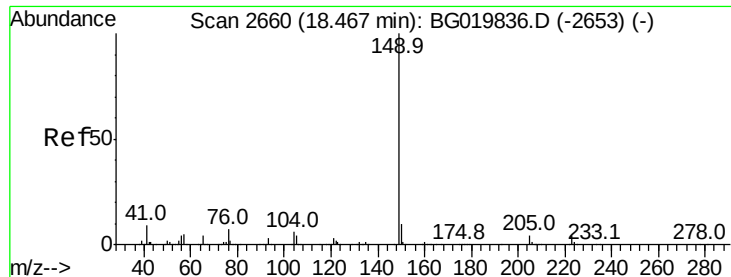


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

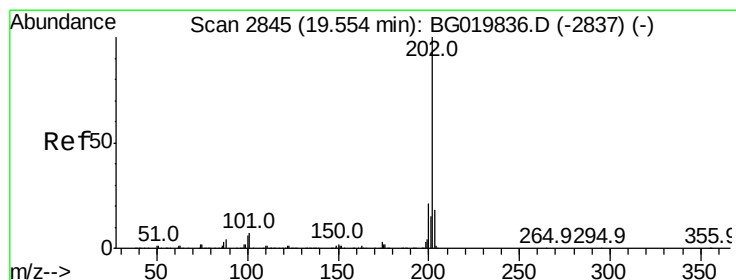
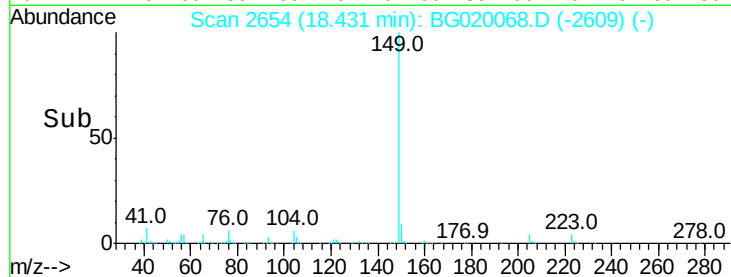
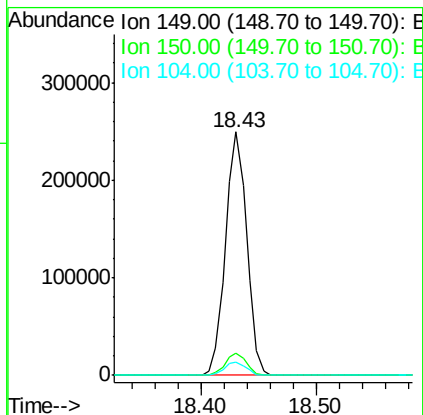
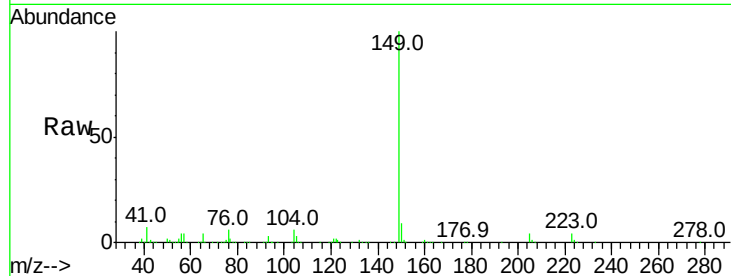




#73
Di-n-butylphthalate
Concen: 34.98 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

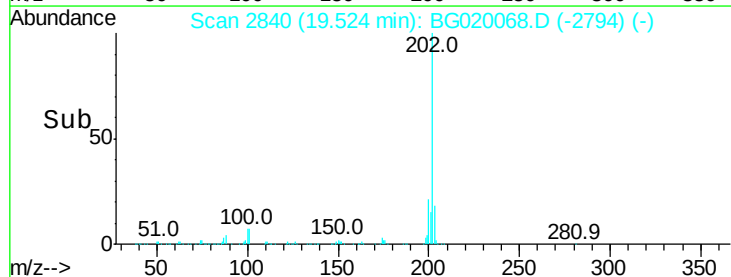
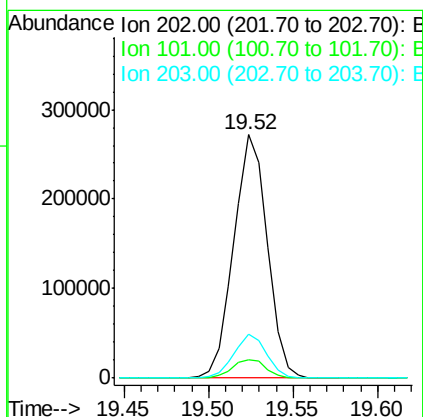
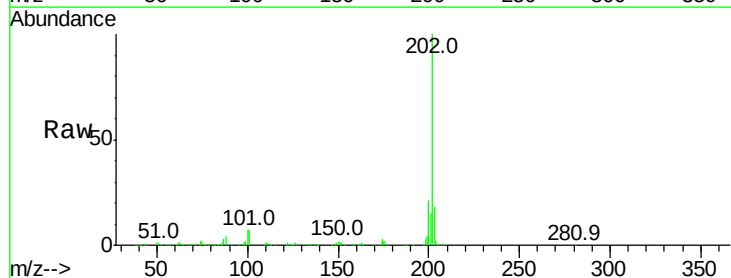
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

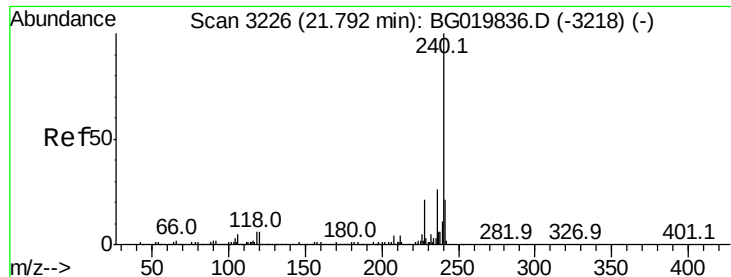
Tot Ion:149 Resp: 317354
Ion Ratio Lower Upper
149 100
150 9.3 8.2 12.4
104 5.6 4.4 6.6



#74
Fluoranthene
Concen: 35.59 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion:202 Resp: 375563
Ion Ratio Lower Upper
202 100
101 7.5 0.0 32.4
203 18.1 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: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

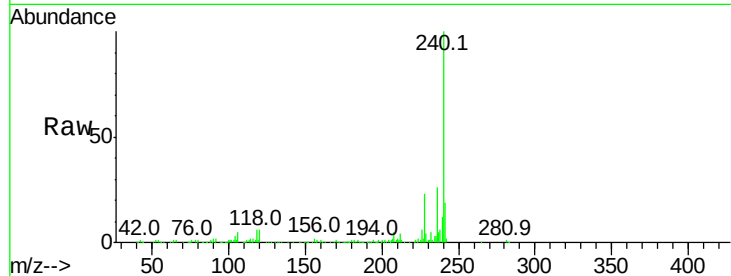
Tot Ion:240 Resp: 176084

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

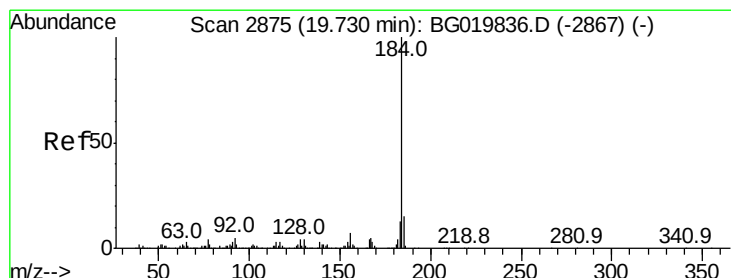
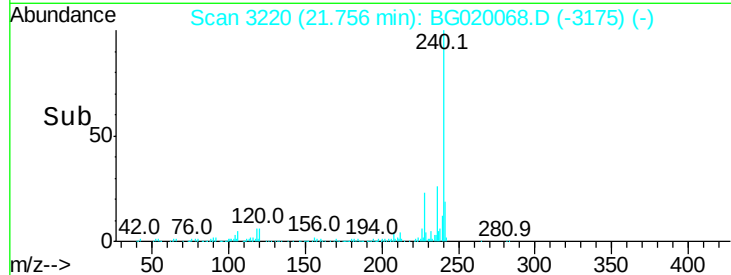
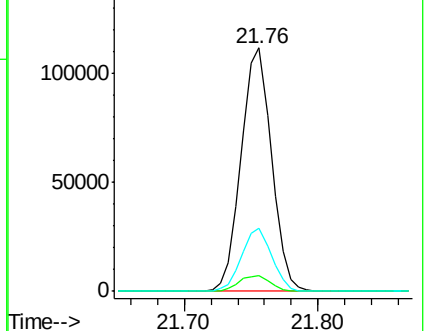
236 25.7 20.7 31.1



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: 11.47 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

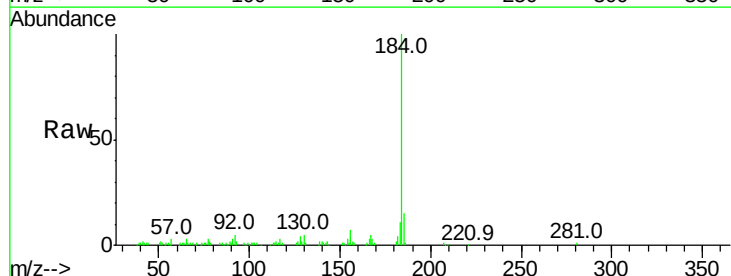
Tgt Ion:184 Resp: 66326

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.2

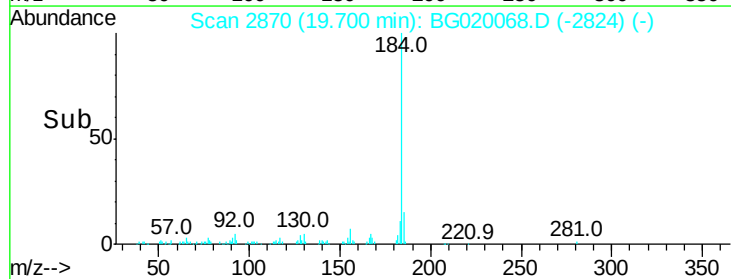
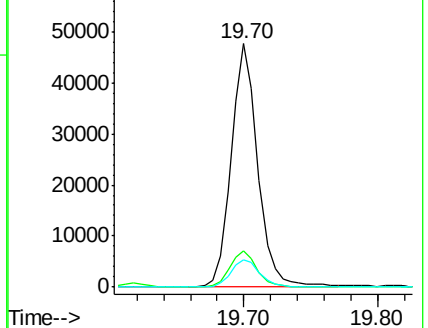
183 11.4 10.1 15.1

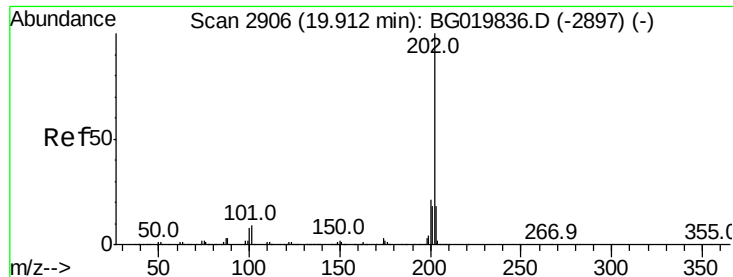


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.38 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

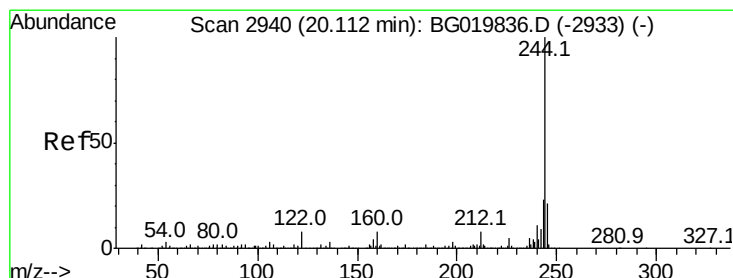
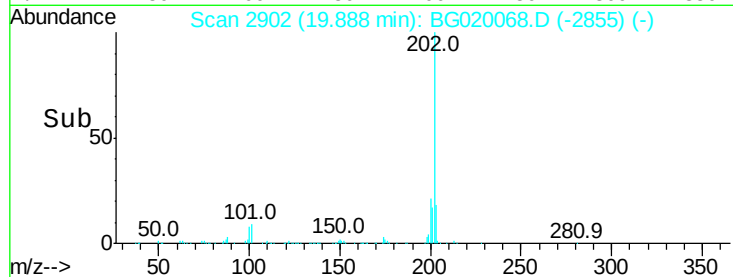
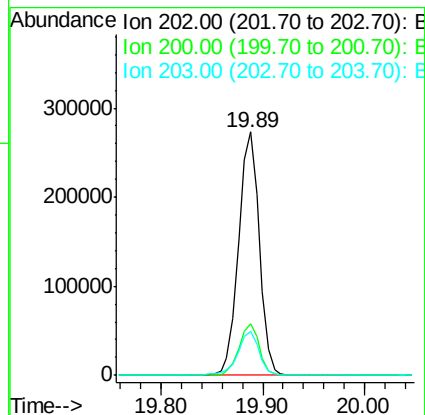
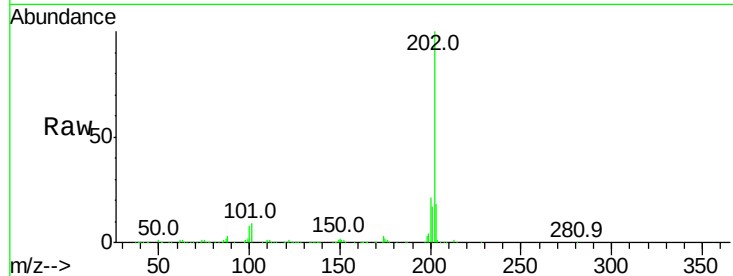
Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

Tot Ion:	202	Resp:	387203
Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.4	29.0
203	17.8	15.5	23.3



#78

Terphenyl-d14

Concen: 73.54 ng

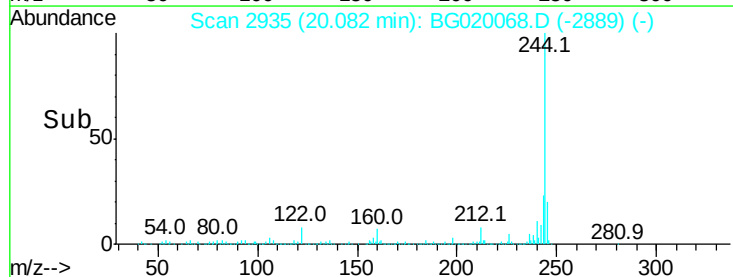
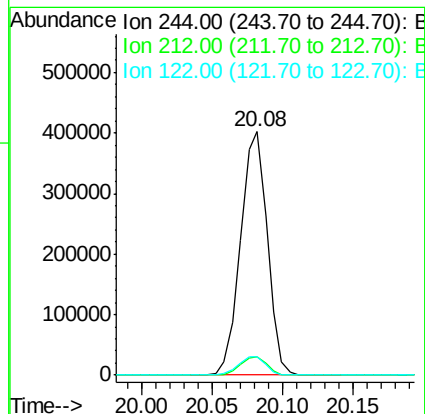
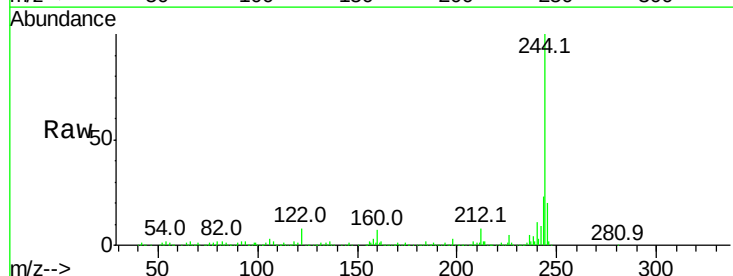
RT: 20.08 min Scan# 2935

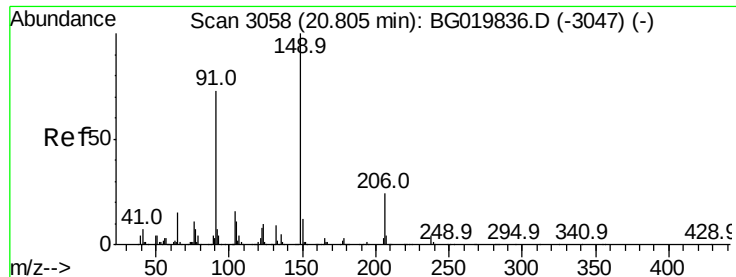
Delta R.T. -0.03 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Tgt Ion:	244	Resp:	530919
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	7.7	10.2	15.2#

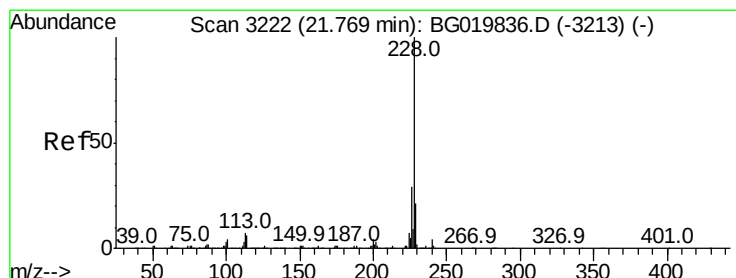
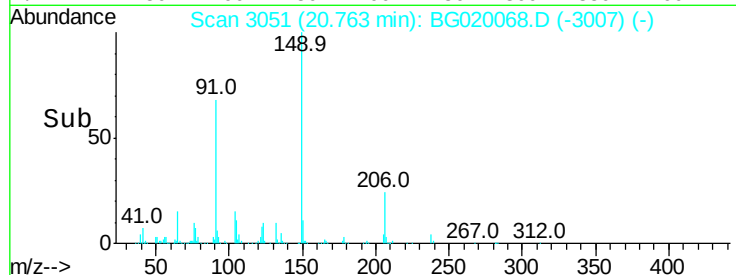
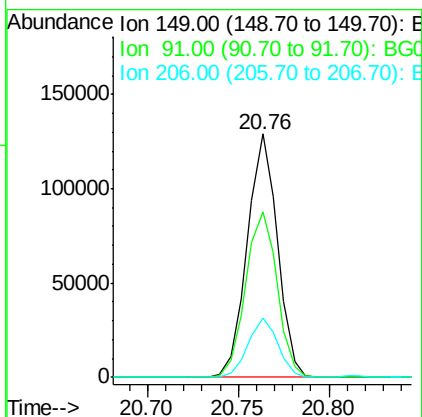
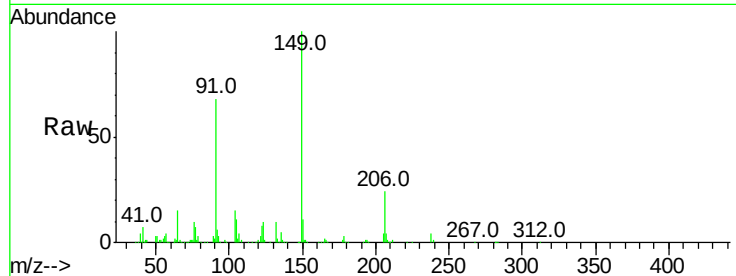




#79
Butylbenzylphthalate
Concen: 36.83 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

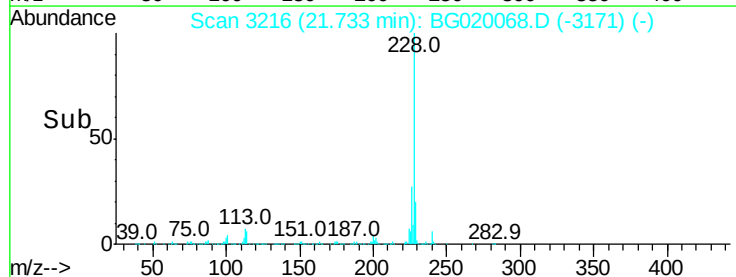
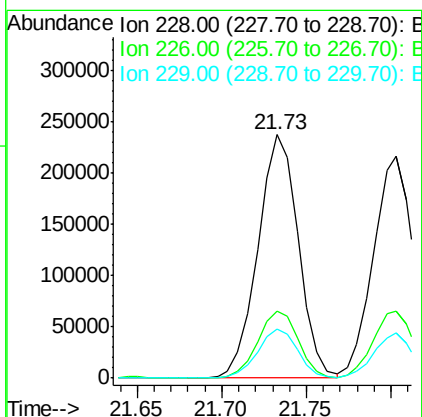
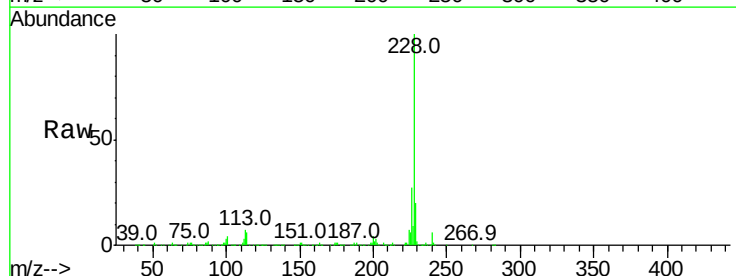
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

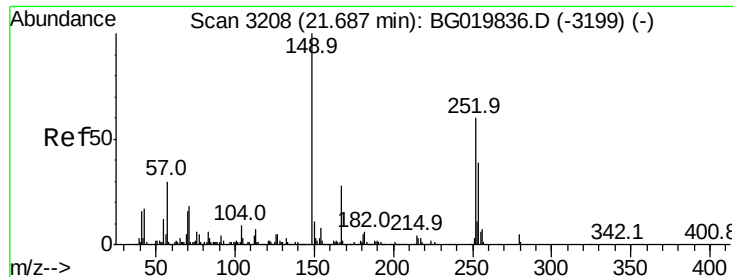
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	58.1	87.1
206	24.2	17.8	26.8



#80
Benzo(a)anthracene
Concen: 36.61 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.04 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	20.1	16.6	25.0

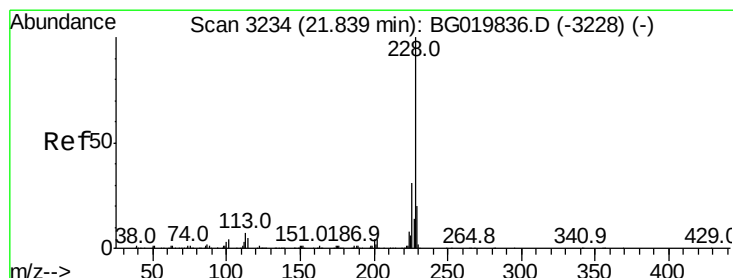
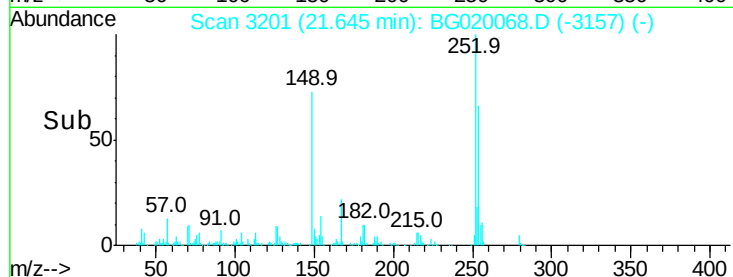
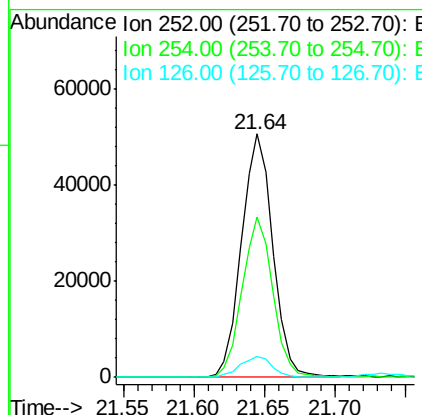
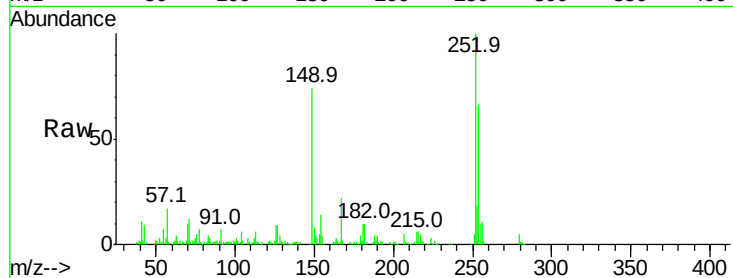




#81
 3,3'-Dichlorobenzidine
 Concen: 19.20 ng
 RT: 21.64 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

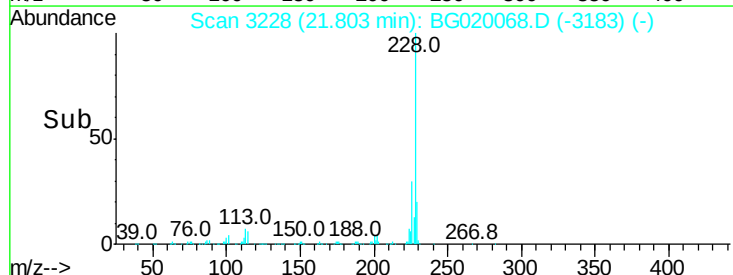
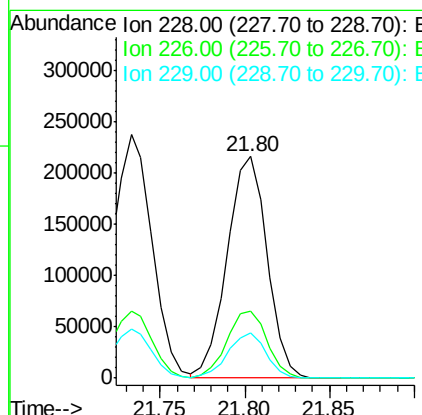
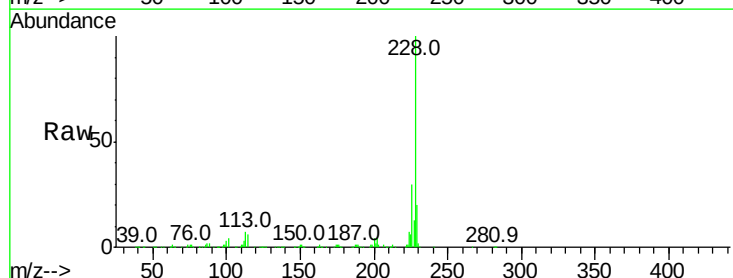
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MS

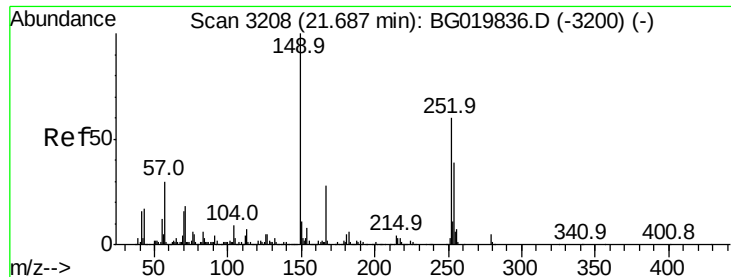
Tot Ion:252 Resp: 78828
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.5 78.7
 126 8.6 8.5 12.7



#82
 Chrysene
 Concen: 34.68 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020068.D
 Acq: 10 Dec 2015 8:08

Tgt Ion:228 Resp: 354926
 Ion Ratio Lower Upper
 228 100
 226 30.3 26.7 40.1
 229 20.2 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.08 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.05 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

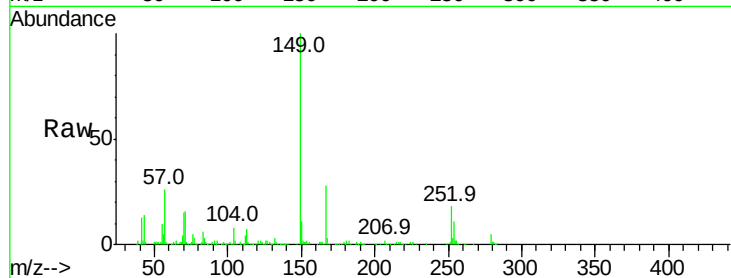
Tot Ion:149 Resp: 214978

Ion Ratio Lower Upper

149 100

167 28.0 23.8 35.8

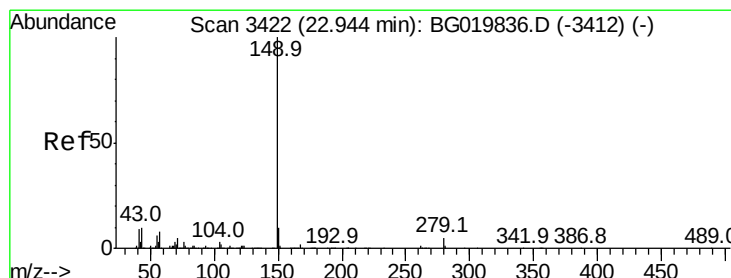
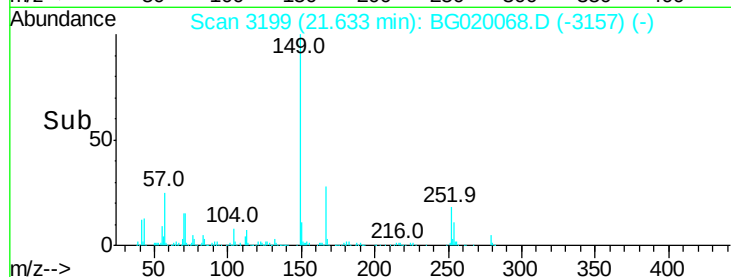
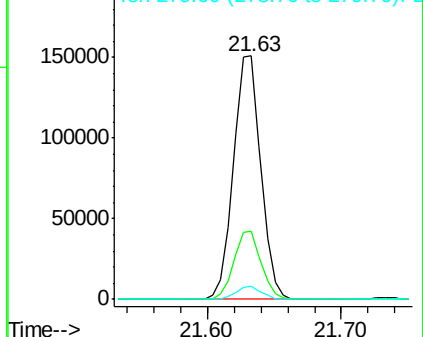
279 5.5 3.4 5.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.06 ng

RT: 22.86 min Scan# 3408

Delta R.T. -0.08 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

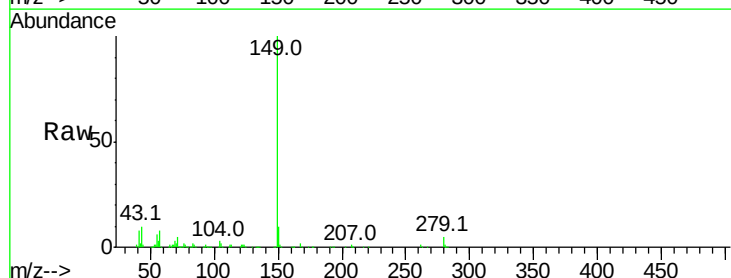
Tgt Ion:149 Resp: 368727

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

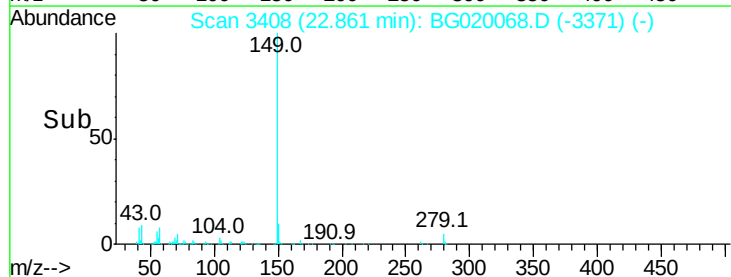
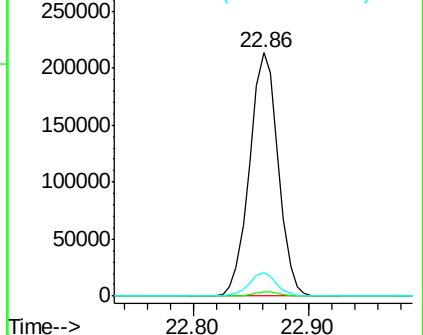
43 9.1 5.9 8.9#

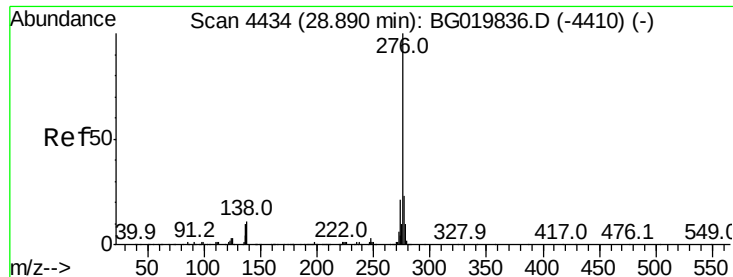


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.17 ng

RT: 28.77 min Scan# 4414

Delta R.T. -0.12 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

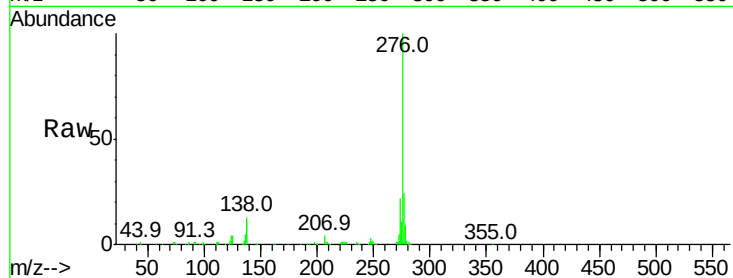
Tot Ion:276 Resp: 430338

Ion Ratio Lower Upper

276 100

138 10.6 0.0 0.0#

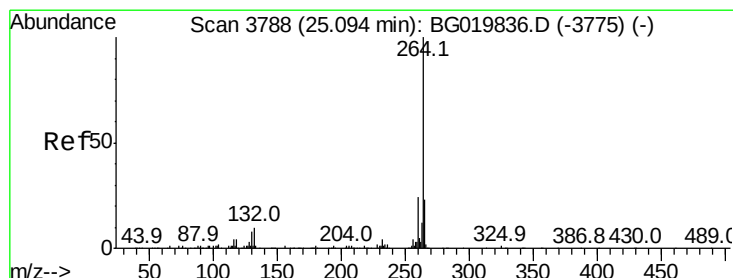
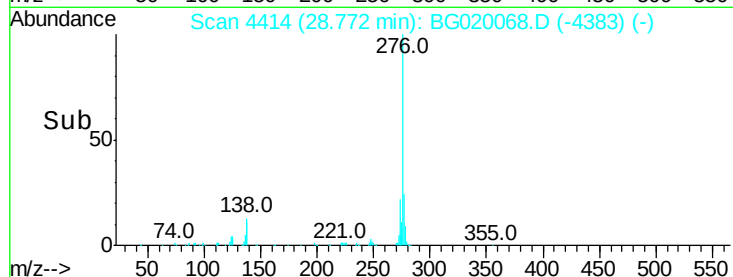
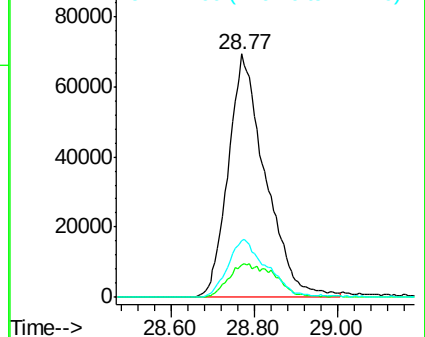
277 24.8 0.0 0.0#



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: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

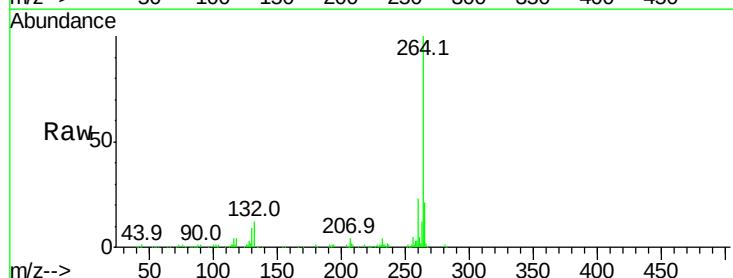
Tgt Ion:264 Resp: 165817

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

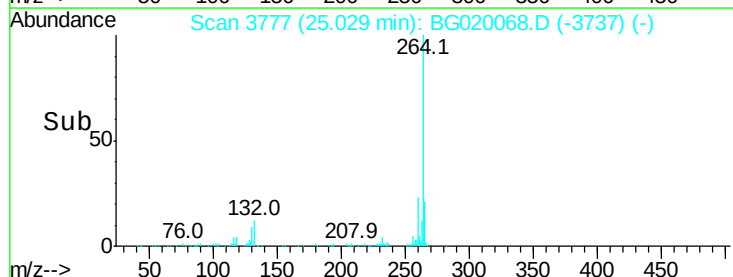
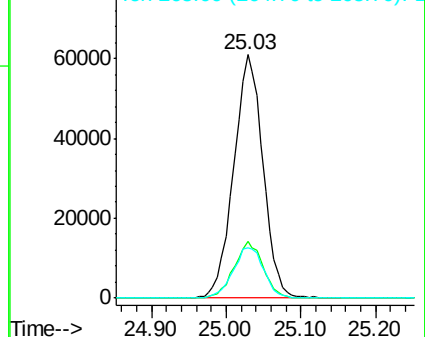
265 20.7 17.2 25.8

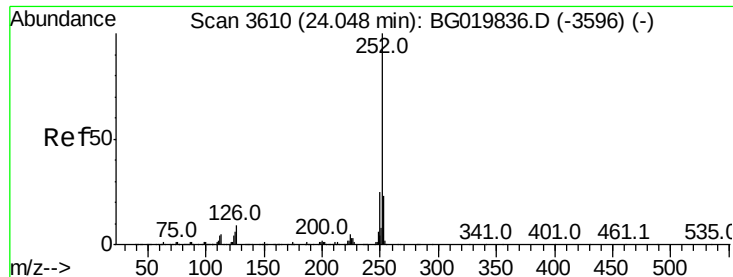


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

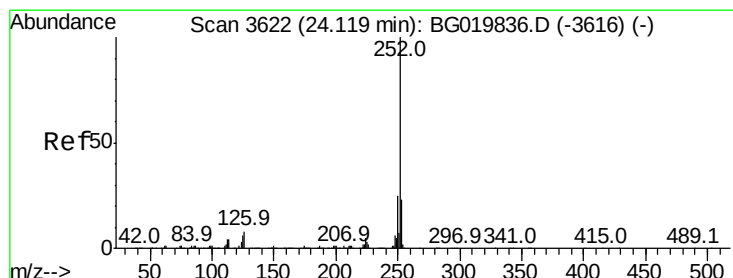
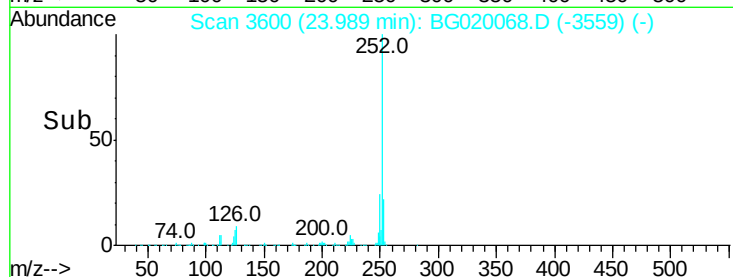
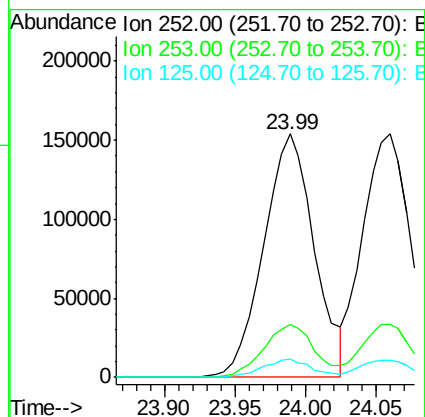
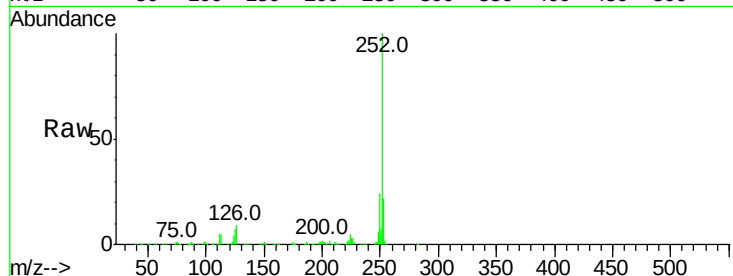




#87
Benzo(b)fluoranthene
Concen: 36.59 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.06 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

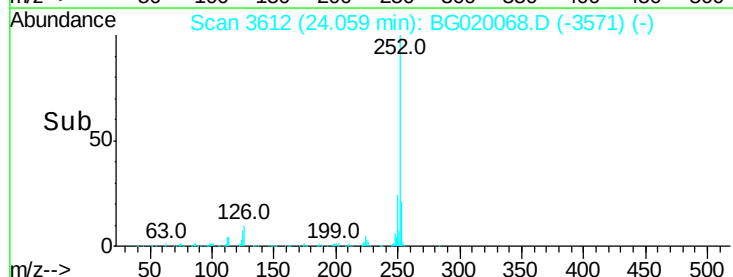
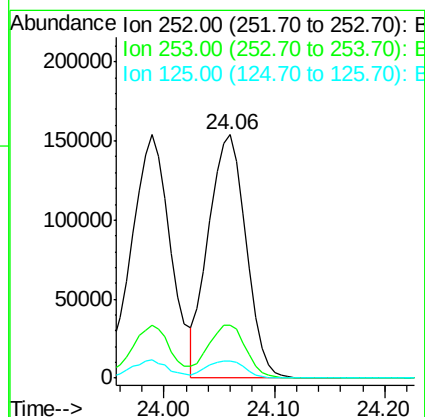
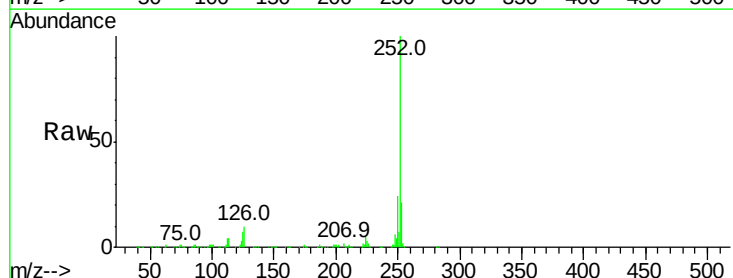
Instrument :
BNA_G
ClientSampleId :
S8-14.5MS

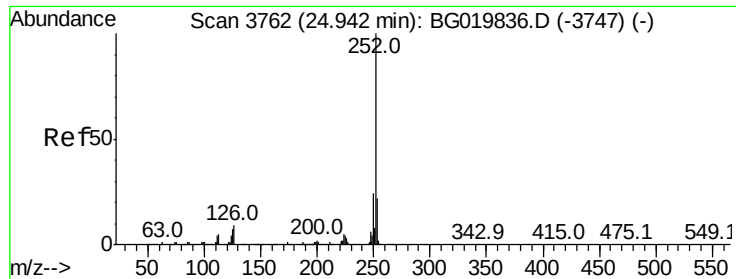
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.1	28.7
125	7.4	8.9	13.3#



#88
Benzo(k)fluoranthene
Concen: 34.74 ng
RT: 24.06 min Scan# 3612
Delta R.T. -0.06 min
Lab File: BG020068.D
Acq: 10 Dec 2015 8:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.0	28.4
125	6.8	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 36.81 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

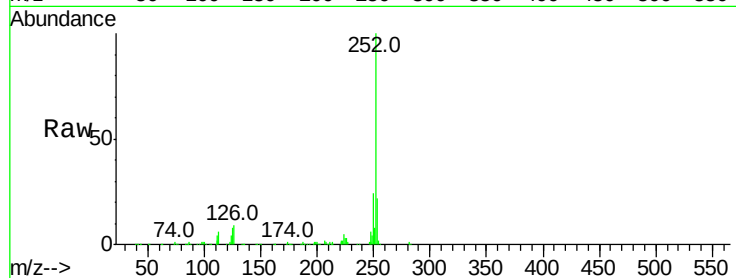
Tot Ion:252 Resp: 367292

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

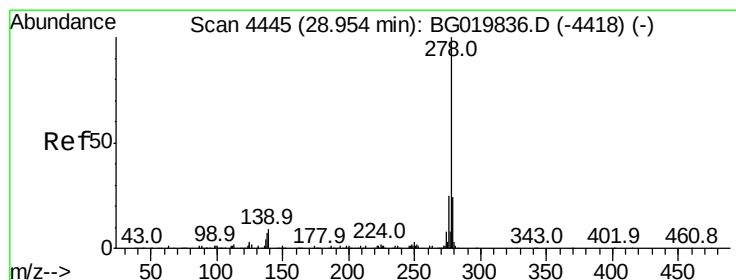
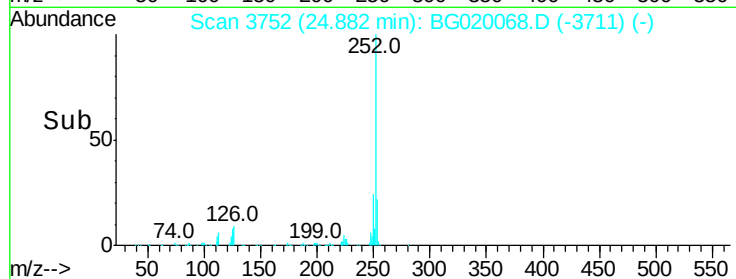
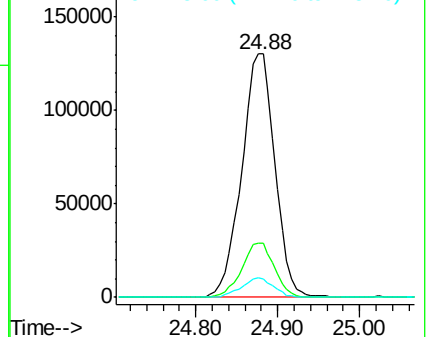
125 7.6 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.32 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

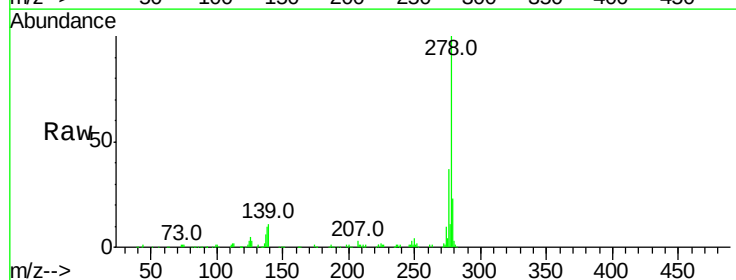
Tgt Ion:278 Resp: 358026

Ion Ratio Lower Upper

278 100

139 11.0 13.8 20.6#

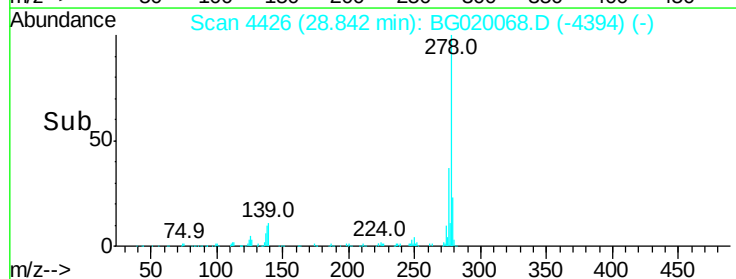
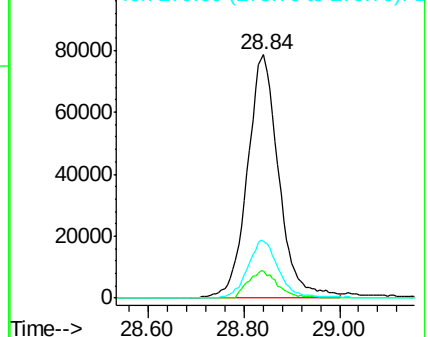
279 23.5 19.4 29.0

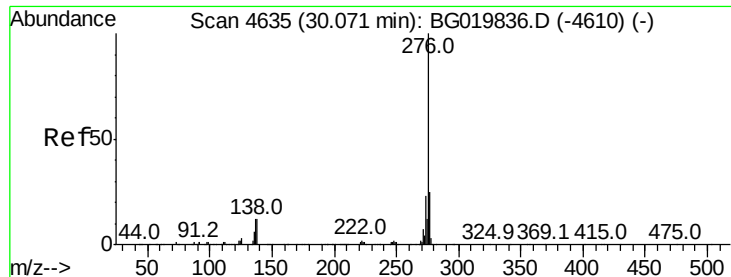


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.74 ng

RT: 29.95 min Scan# 4614

Delta R.T. -0.12 min

Lab File: BG020068.D

Acq: 10 Dec 2015 8:08

Instrument :

BNA_G

ClientSampleId :

S8-14.5MS

Tot Ion:276 Resp: 336211

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 14.2 17.4 26.0#

