

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019871.D
 Acq On : 3 Dec 2015 15:22
 Operator : UM/NP
 Sample : G4583-22MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Quant Time: Dec 03 16:18:49 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	8.13	152	24236	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	103361	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	77594	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	206029	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	240952	20.00	ng	-0.01
86) Perylene-d12	25.08	264	226333	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	195967	146.14	ng	0.00
7) Phenol-d6	7.27	99	283252	139.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	214793	106.06	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	189352	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	546830	96.22	ng	0.00
78) Terphenyl-d14	20.11	244	998261	101.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	19792	37.89	ng	# 100
3) Pyridine	3.95	79	52325	32.98	ng	# 88
4) n-Nitrosodimethylamine	3.85	42	35878	43.00	ng	# 81
6) Aniline	7.44	93	87386	33.33	ng	# 86
8) 2-Chlorophenol	7.68	128	81655	49.94	ng	# 95
9) Benzaldehyde	7.26	77	27472	20.35	ng	# 93
10) Phenol	7.30	94	102162	47.94	ng	# 74
11) bis(2-Chloroethyl)ether	7.54	93	74617	47.28	ng	# 89
12) 1,3-Dichlorobenzene	8.01	146	79002	42.63	ng	# 90
13) 1,4-Dichlorobenzene	8.16	146	81426	42.54	ng	# 94
14) 1,2-Dichlorobenzene	8.48	146	80579	44.13	ng	# 96
15) Benzyl Alcohol	8.36	79	93197	52.46	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	114109	44.33	ng	# 94
17) 2-Methylphenol	8.56	107	75971	50.50	ng	# 88
18) Hexachloroethane	9.22	117	30673	42.79	ng	# 96
19) n-Nitroso-di-n-propylamine	8.94	70	74850	46.88	ng	# 90
20) 3+4-Methylphenols	8.89	107	108153	51.06	ng	# 92
22) Acetophenone	8.95	105	132612	46.81	ng	# 92
24) Nitrobenzene	9.34	77	110772	50.42	ng	# 91
25) Isophorone	9.86	82	210948	48.58	ng	# 96
26) 2-Nitrophenol	10.05	139	45665	53.82	ng	# 70
27) 2,4-Dimethylphenol	10.11	122	91665	51.88	ng	# 88
28) bis(2-Chloroethoxy)methane	10.35	93	114681	54.05	ng	# 98
29) 2,4-Dichlorophenol	10.59	162	102288	56.67	ng	# 98
30) 1,2,4-Trichlorobenzene	10.80	180	97840	47.96	ng	# 92
31) Naphthalene	11.01	128	2341866	422.94	ng	# 89
32) Benzoic acid	10.22	122	48181	41.41	ng	# 83
33) 4-Chloroaniline	11.10	127	22442	9.20	ng	# 95
34) Hexachlorobutadiene	11.28	225	65266	43.37	ng	# 96
35) Caprolactam	11.88	113	19163	28.52	ng	# 74
36) 4-Chloro-3-methylphenol	12.20	107	117785	52.40	ng	# 97
37) 2-Methylnaphthalene	12.60	142	295187	72.74	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	137643	46.75	ng	# 99
40) Hexachlorocyclopentadiene	12.94	237	142815	85.06	ng	# 98

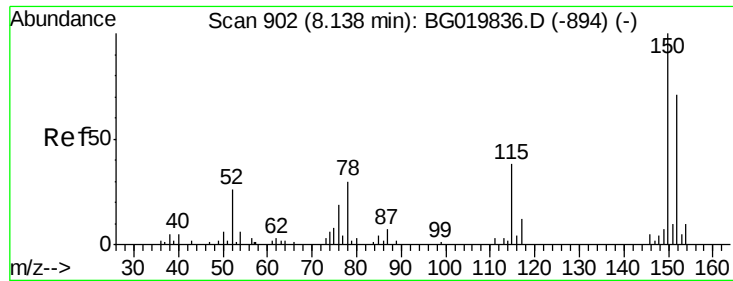
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	97603	50.07	ng	97
43) 2,4,5-Trichlorophenol	13.26	196	110840	53.79	ng	94
45) 1,1'-Biphenyl	13.60	154	311797	48.96	ng	97
46) 2-Chloronaphthalene	13.64	162	239370	48.77	ng	95
47) 2-Nitroaniline	13.83	65	90509	58.38	ng	85
48) Acenaphthylene	14.48	152	446889	53.45	ng	98
49) Dimethylphthalate	14.21	163	339755	48.68	ng	98
50) 2,6-Dinitrotoluene	14.32	165	73417	55.95	ng #	72
51) Acenaphthene	14.82	154	331696	65.38	ng	99
52) 3-Nitroaniline	14.65	138	48446	35.53	ng	95
53) 2,4-Dinitrophenol	14.85	184	64513	90.95	ng #	81
54) Dibenzofuran	15.15	168	415285	55.03	ng	92
55) 4-Nitrophenol	14.95	139	119117	100.32	ng #	61
56) 2,4-Dinitrotoluene	15.11	165	108567	59.30	ng #	90
57) Fluorene	15.80	166	357746	52.96	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	110352	57.87	ng	98
59) Diethylphthalate	15.57	149	365321	48.36	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	190861	49.21	ng	96
61) 4-Nitroaniline	15.82	138	79316	51.73	ng #	72
62) Azobenzene	16.09	77	343849	54.70	ng	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	58251	50.03	ng	91
65) n-Nitrosodiphenylamine	16.00	169	310636	52.10	ng	98
66) 4-Bromophenyl-phenylether	16.69	248	127723	49.89	ng	96
67) Hexachlorobenzene	16.80	284	139601	52.35	ng	97
68) Atrazine	16.95	200	131287	50.68	ng	94
69) Pentachlorophenol	17.14	266	168259	108.10	ng	96
70) Phenanthrene	17.54	178	664847	57.04	ng	98
71) Anthracene	17.63	178	610045	51.38	ng	96
72) Carbazole	17.90	167	541457	51.77	ng	98
73) Di-n-butylphthalate	18.45	149	634120	49.46	ng	99
74) Fluoranthene	19.55	202	736154	49.37	ng	94
76) Benzidine	19.72	184	66119	8.35	ng	97
77) Pyrene	19.91	202	760390	53.64	ng	97
79) Butylbenzylphthalate	20.79	149	290682	52.32	ng	98
80) Benzo(a)anthracene	21.76	228	756459	51.29	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	172866	30.77	ng #	98
82) Chrysene	21.83	228	695423	49.66	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	411514	50.47	ng	96
84) Di-n-octyl phthalate	22.92	149	700068	52.81	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	847118	54.91	ng #	100
87) Benzo(b)fluoranthene	24.03	252	742924	51.79	ng #	95
88) Benzo(k)fluoranthene	24.10	252	709795	49.96	ng #	96
89) Benzo(a)pyrene	24.93	252	716372	52.60	ng #	95
90) Dibenzo(a,h)anthracene	28.93	278	699831	52.01	ng #	93
91) Benzo(g,h,i)perylene	30.03	276	700521	53.02	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019871.D

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ClientSampleId :

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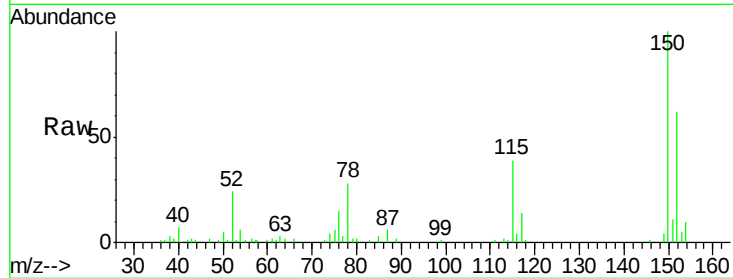
Tgt Ion:152 Resp: 24236

Ion Ratio Lower Upper

152 100

150 161.2 115.0 172.4

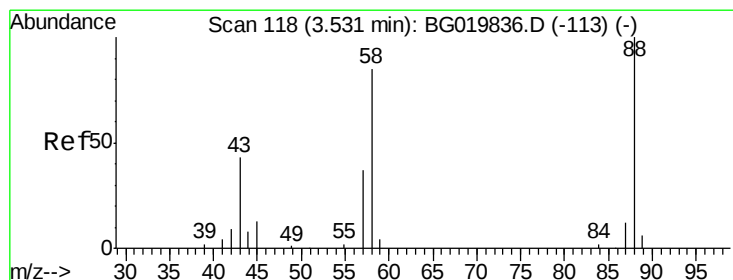
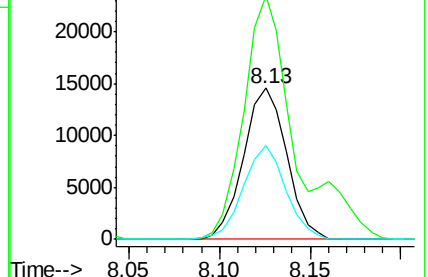
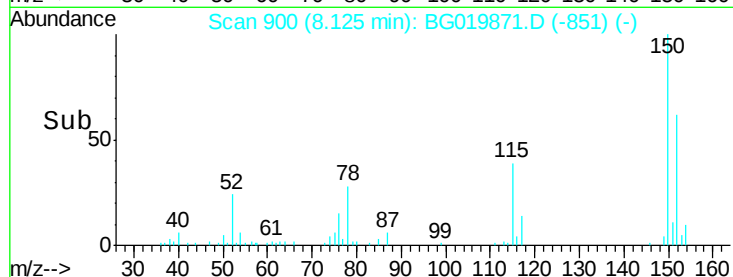
115 62.1 43.9 65.9



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: 37.89 ng

RT: 3.54 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

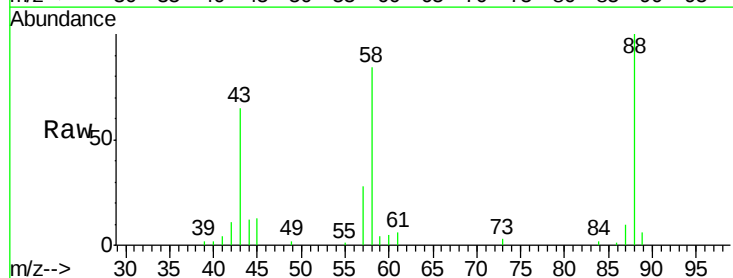
Tgt Ion: 88 Resp: 19792

Ion Ratio Lower Upper

88 100

58 86.3 0.0 0.0#

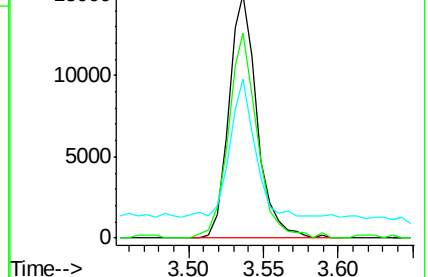
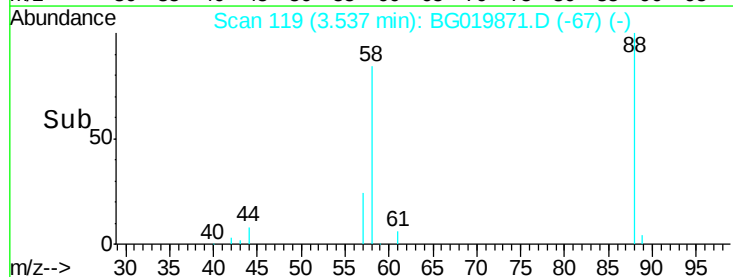
43 51.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.98 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

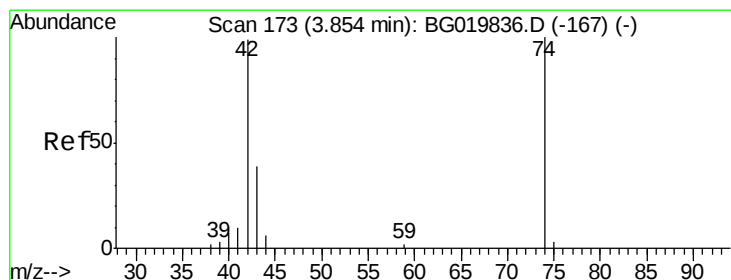
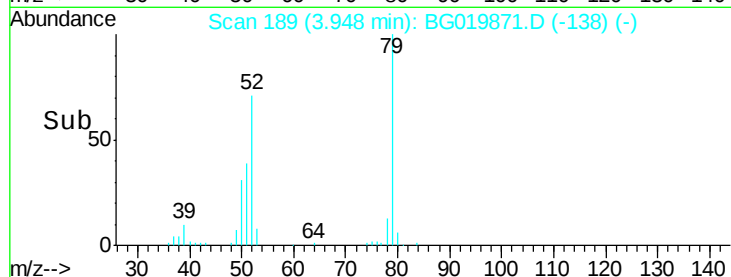
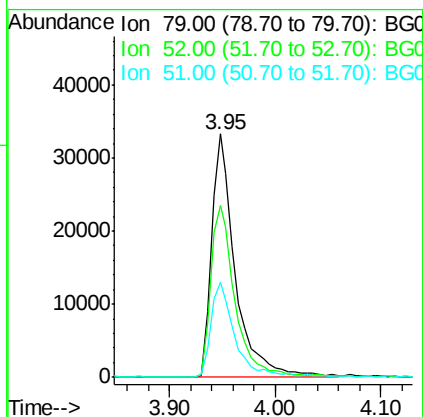
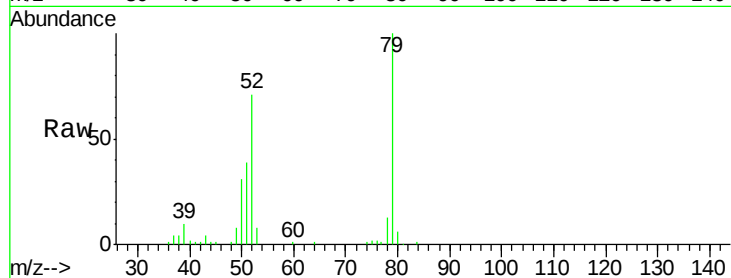
Tgt Ion: 79 Resp: 52325

Ion Ratio Lower Upper

79 100

52 70.6 50.3 75.5

51 39.1 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 43.00 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

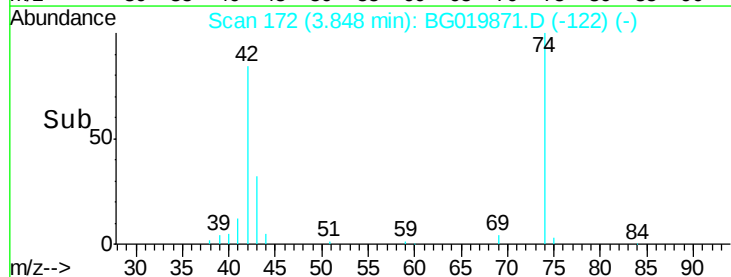
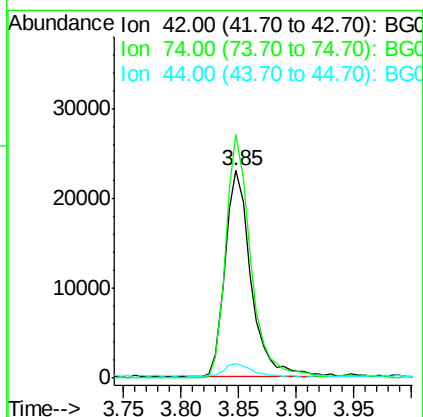
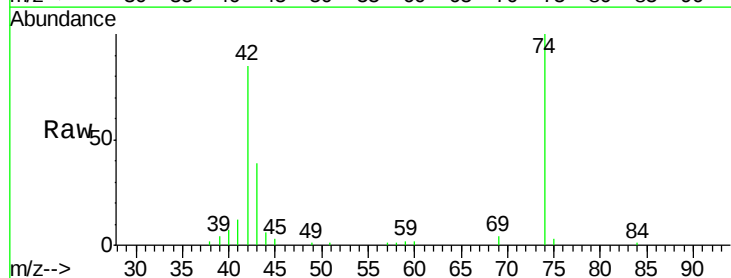
Tgt Ion: 42 Resp: 35878

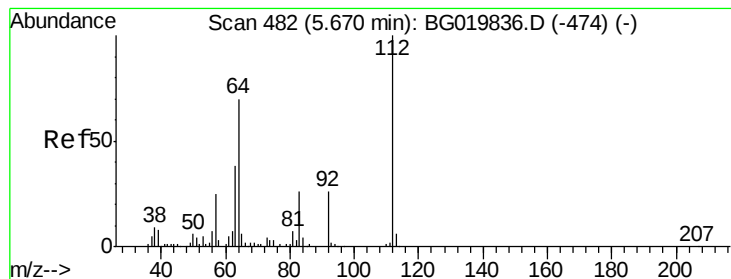
Ion Ratio Lower Upper

42 100

74 117.3 113.9 170.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 146.14 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

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ClientSampleId :

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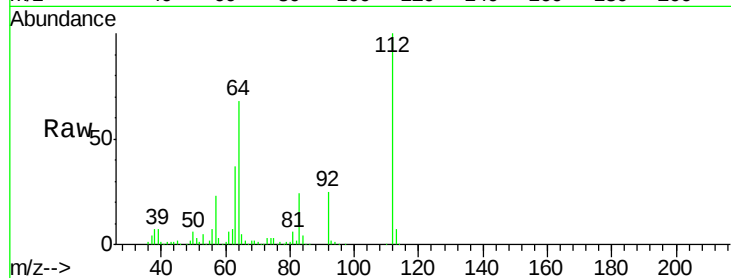
Tgt Ion: 112 Resp: 195967

Ion Ratio Lower Upper

112 100

64 68.3 43.7 65.5#

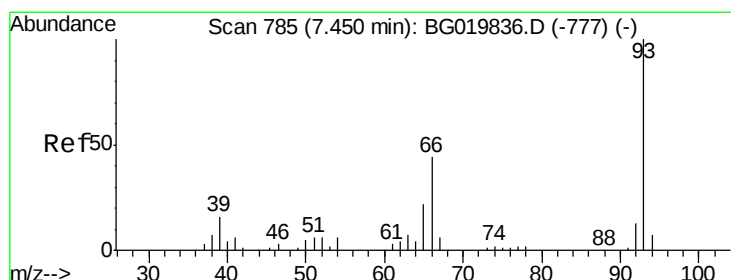
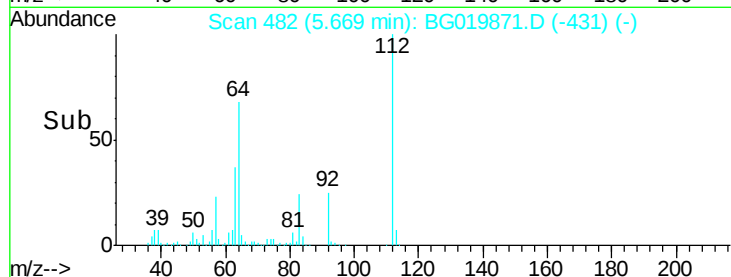
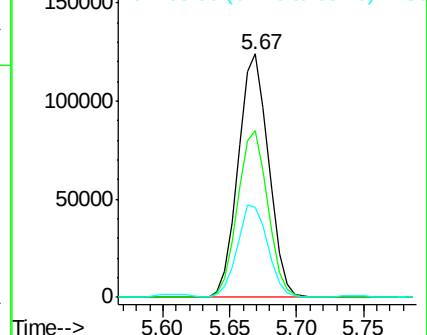
63 36.8 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.33 ng

RT: 7.44 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

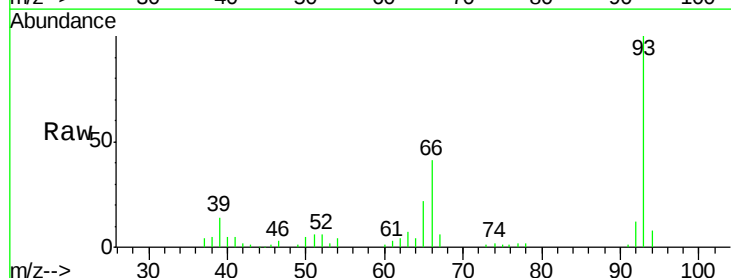
Tgt Ion: 93 Resp: 87386

Ion Ratio Lower Upper

93 100

66 41.3 26.2 39.2#

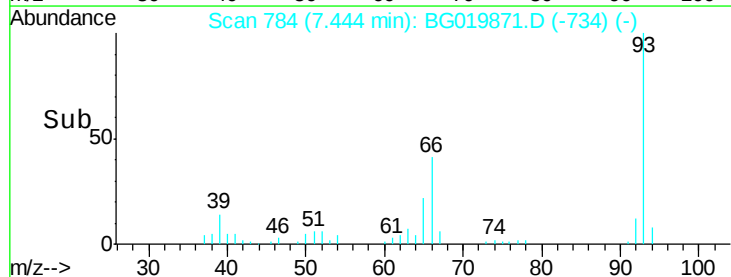
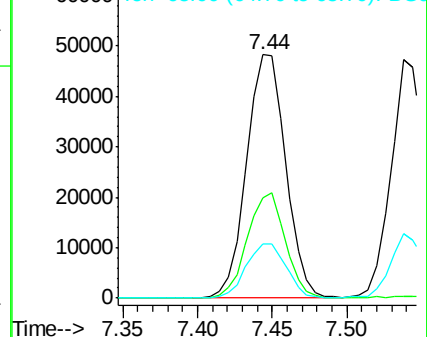
65 22.3 14.0 21.0#

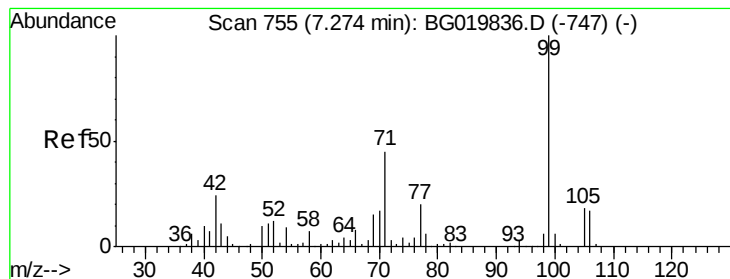


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.90 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

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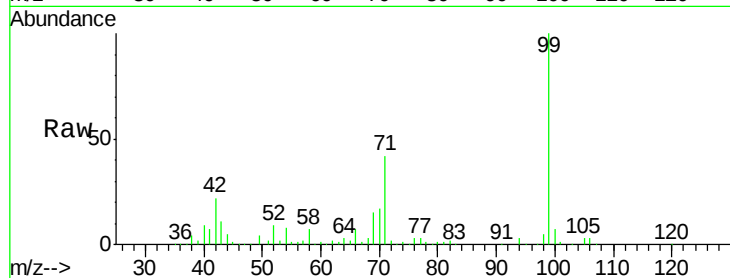
Tgt Ion: 99 Resp: 283252

Ion Ratio Lower Upper

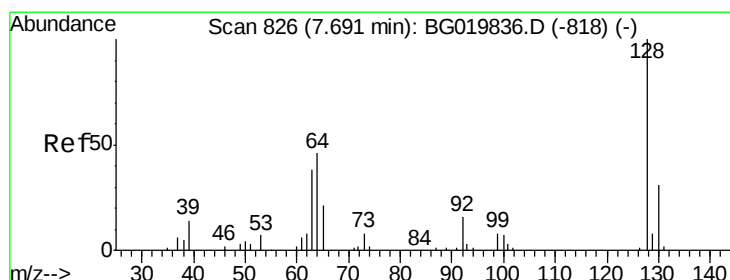
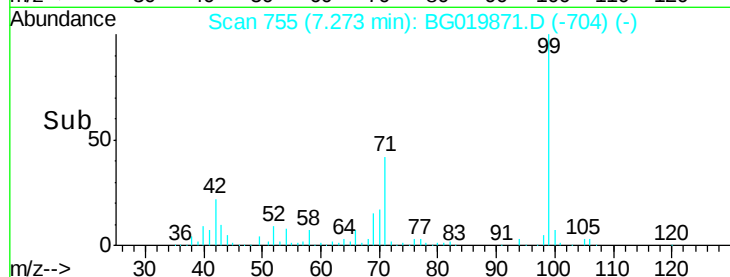
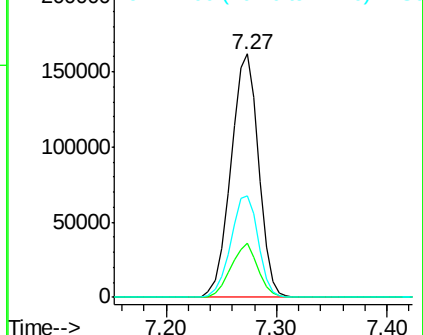
99 100

42 22.0 11.5 17.3#

71 41.7 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: 49.94 ng

RT: 7.68 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

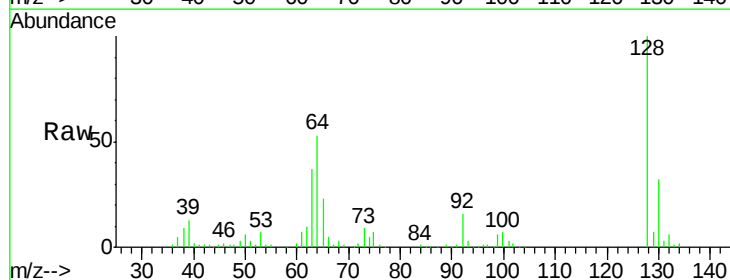
Tgt Ion: 128 Resp: 81655

Ion Ratio Lower Upper

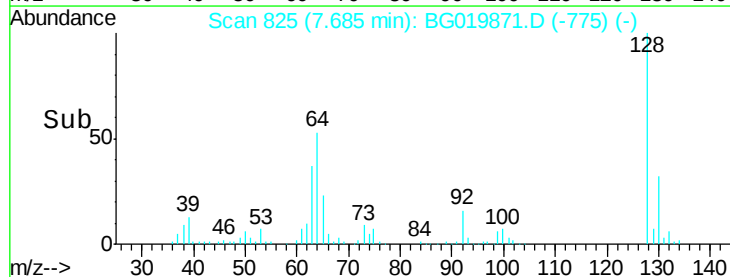
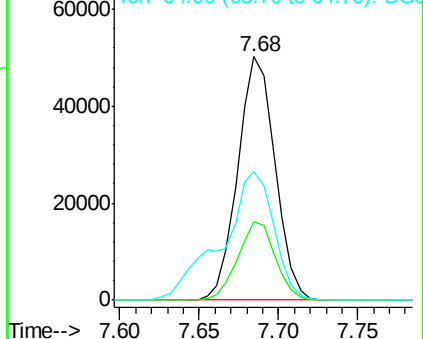
128 100

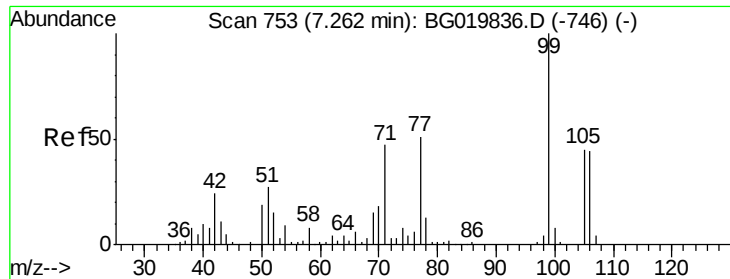
130 32.2 13.0 53.0

64 52.9 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: 20.35 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

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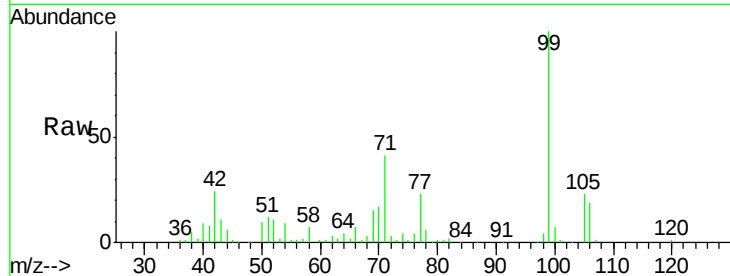
Tgt Ion: 77 Resp: 27472

Ion Ratio Lower Upper

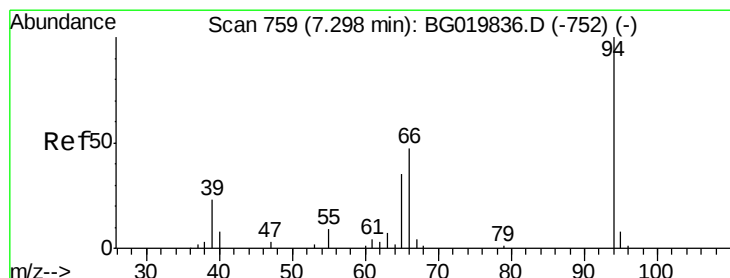
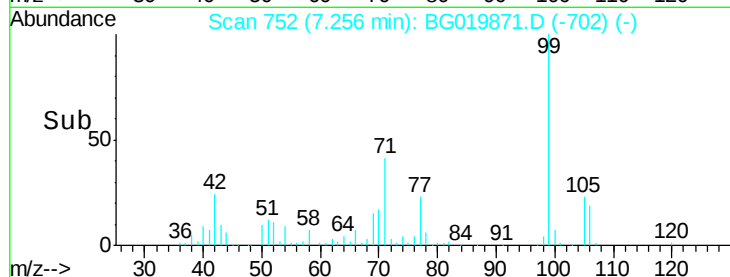
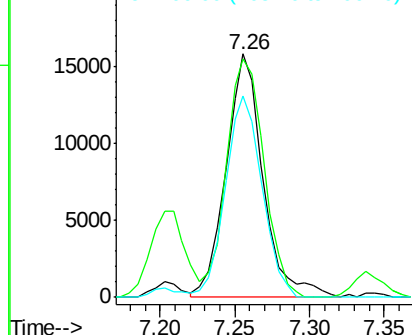
77 100

105 98.0 77.7 117.7

106 82.8 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: 47.94 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

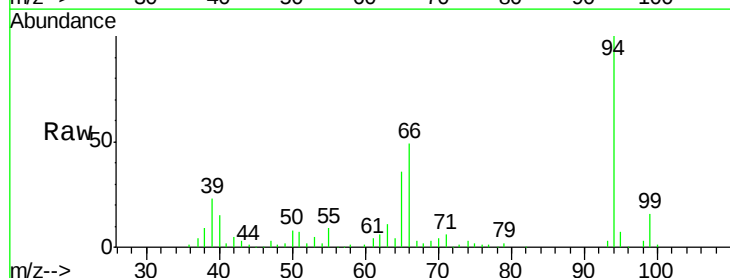
Tgt Ion: 94 Resp: 102162

Ion Ratio Lower Upper

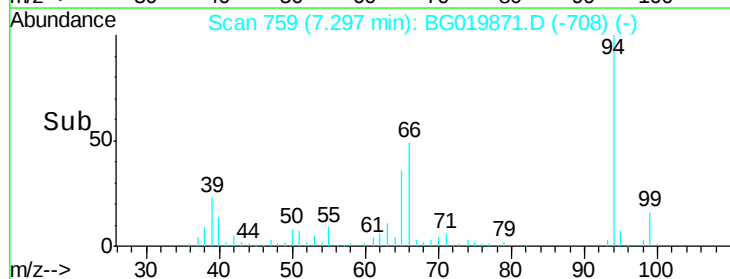
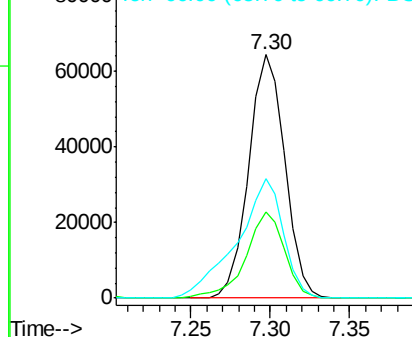
94 100

65 35.6 5.4 45.4

66 49.1 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

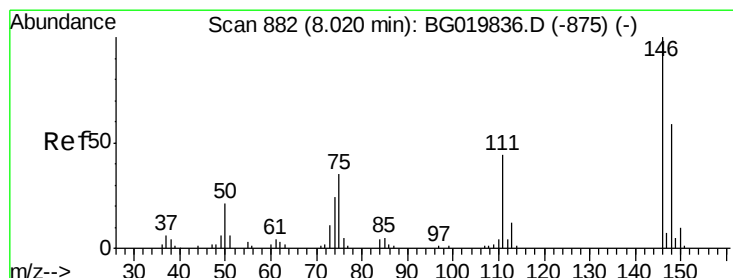
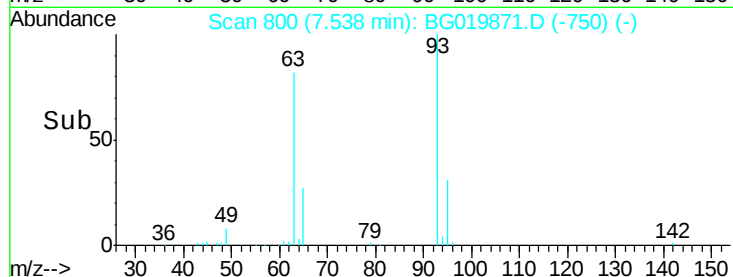
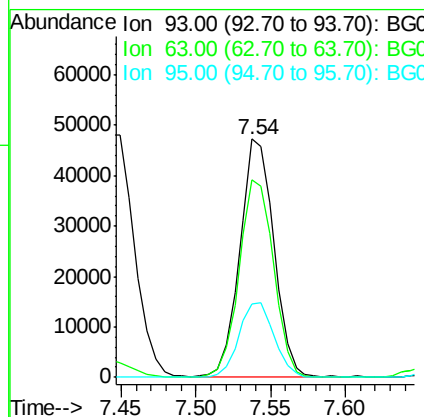
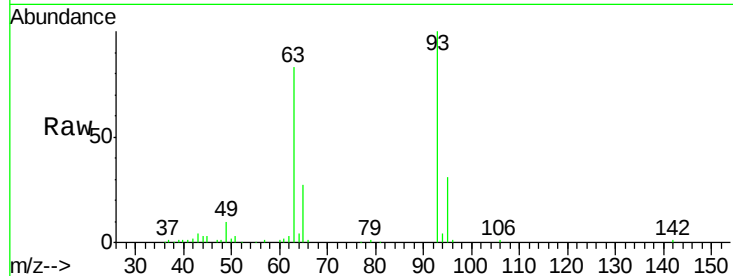




#11
bis(2-Chloroethyl)ether
Concen: 47.28 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

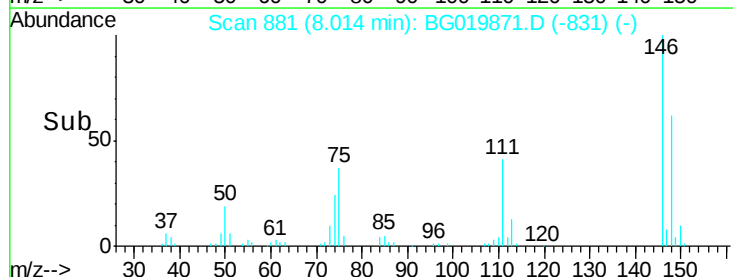
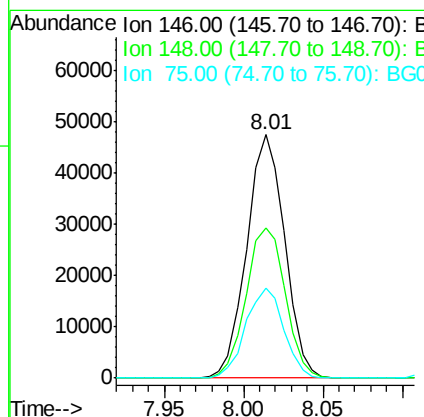
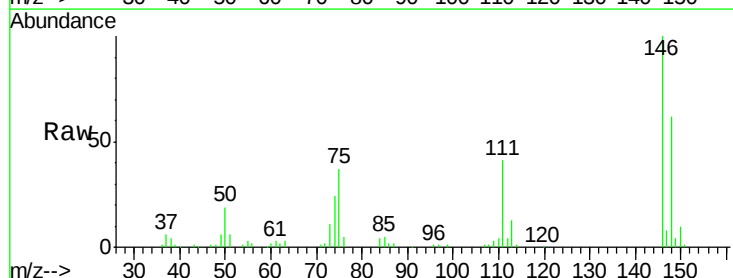
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

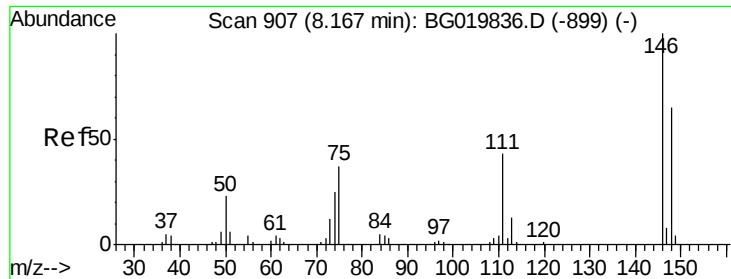
Tgt Ion: 93 Resp: 74617
Ion Ratio Lower Upper
93 100
63 82.9 50.5 90.5
95 30.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 42.63 ng
RT: 8.01 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion: 146 Resp: 79002
Ion Ratio Lower Upper
146 100
148 61.8 53.4 80.0
75 37.2 21.1 31.7#

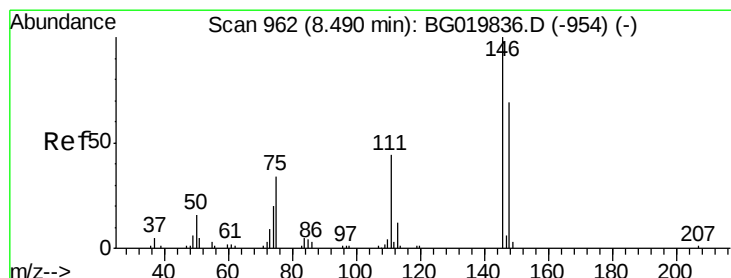
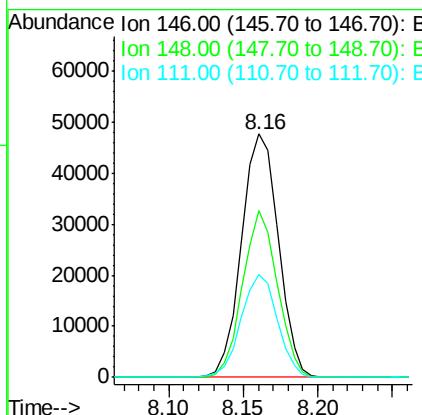
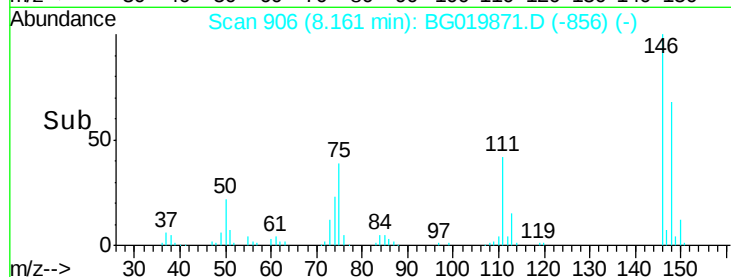
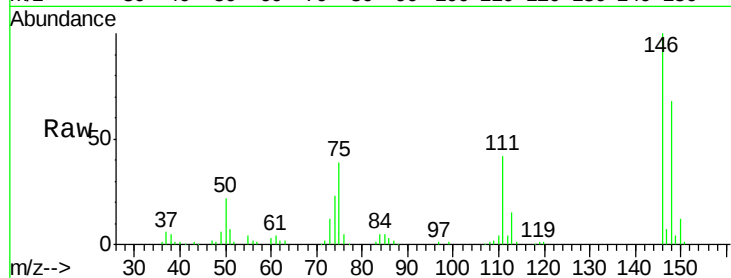




#13
 1,4-Dichlorobenzene
 Concen: 42.54 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

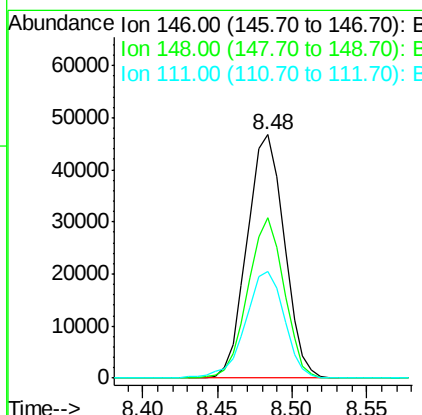
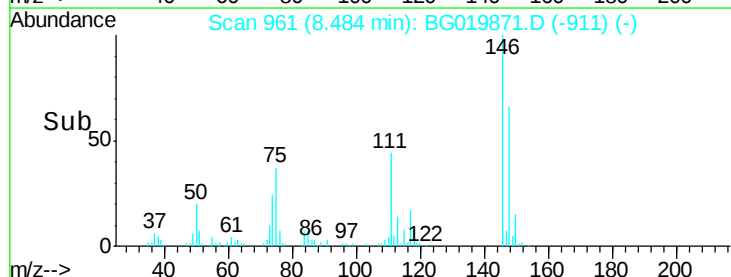
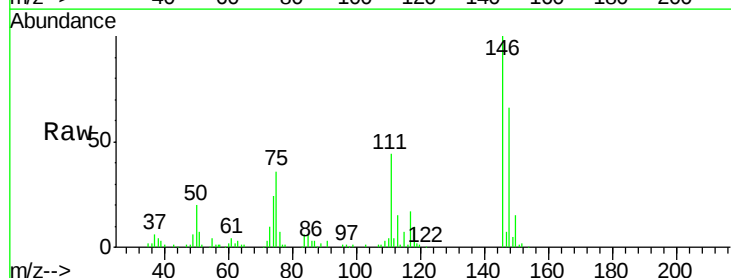
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

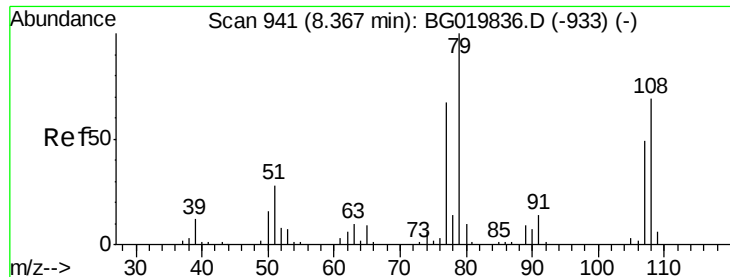
Tgt Ion:146 Resp: 81426
 Ion Ratio Lower Upper
 146 100
 148 68.3 52.5 78.7
 111 42.2 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 44.13 ng
 RT: 8.48 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion:146 Resp: 80579
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.5 78.7
 111 44.0 29.9 44.9





#15

Benzyl Alcohol

Concen: 52.46 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

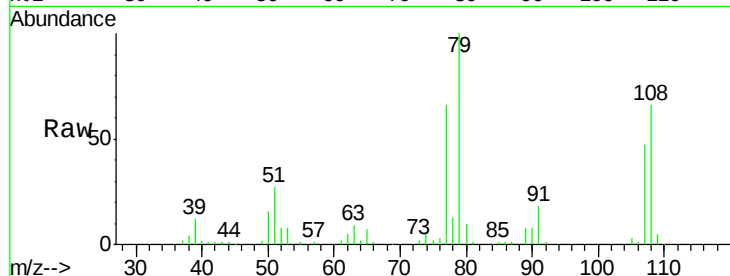
Tgt Ion: 79 Resp: 93197

Ion Ratio Lower Upper

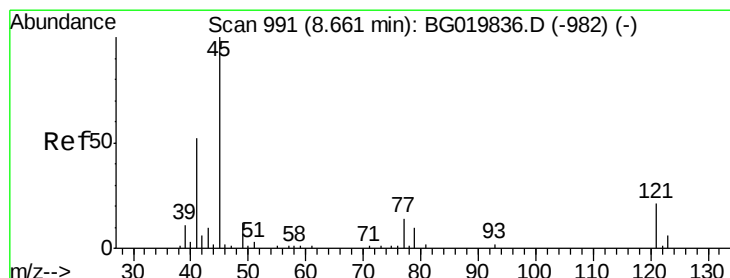
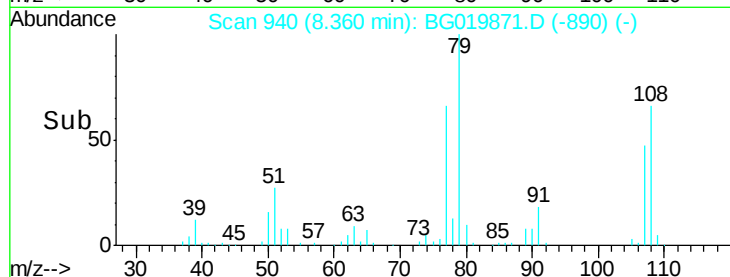
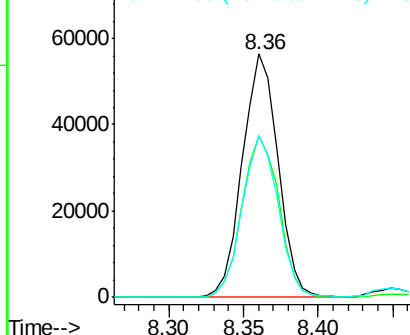
79 100

108 66.3 65.5 98.3

77 66.4 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.33 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

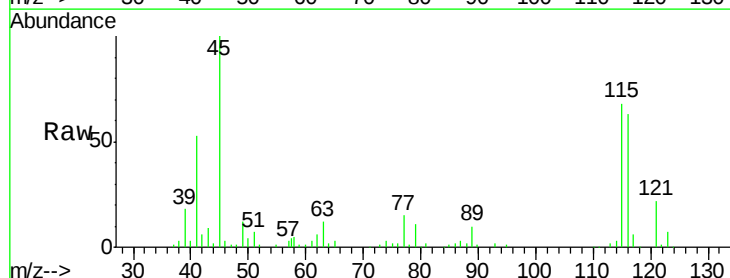
Tgt Ion: 45 Resp: 114109

Ion Ratio Lower Upper

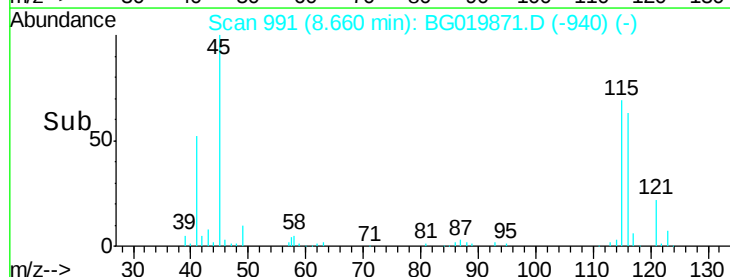
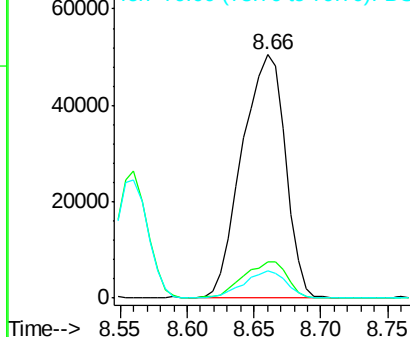
45 100

77 14.7 0.0 37.0

79 11.4 0.0 33.8



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

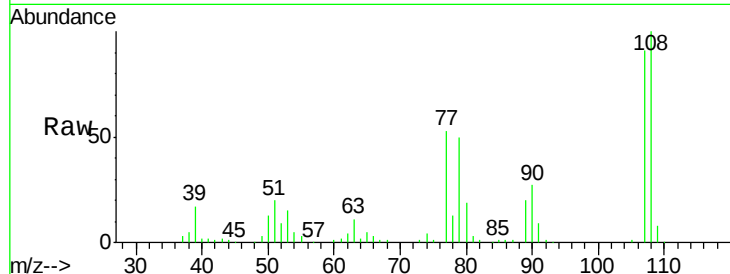




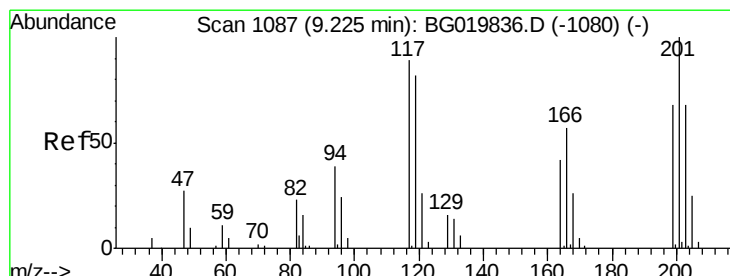
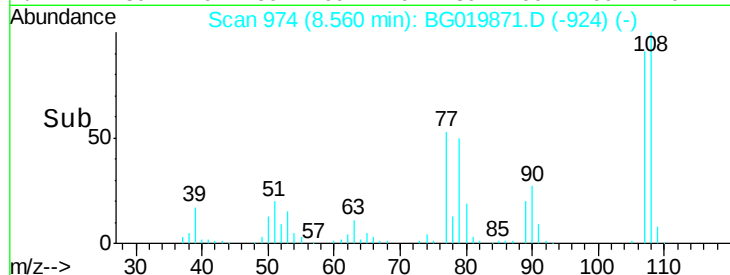
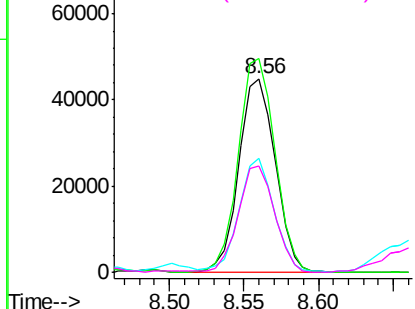
#17
2-Methylphenol
Concen: 50.50 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion:107 Resp: 75971
Ion Ratio Lower Upper
107 100
108 110.4 86.5 129.7
77 58.8 34.6 51.8#
79 54.8 32.3 48.5#

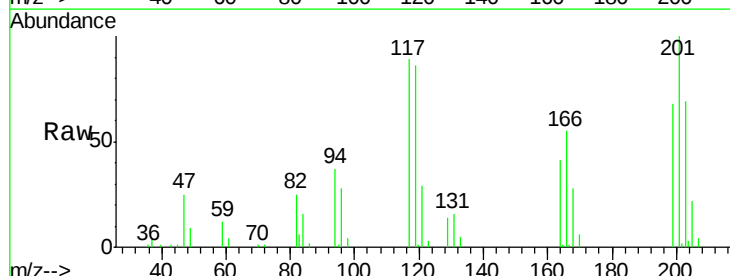


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

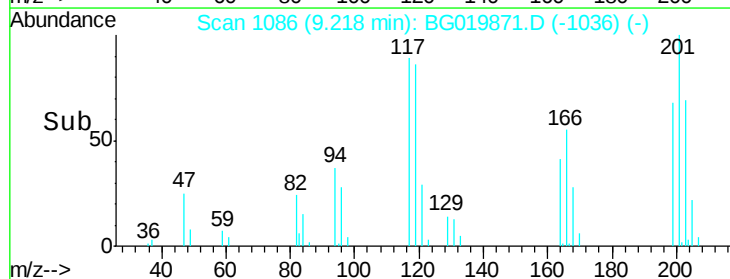
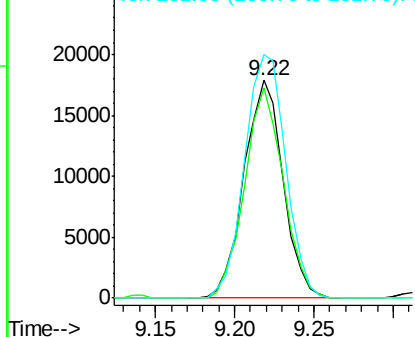


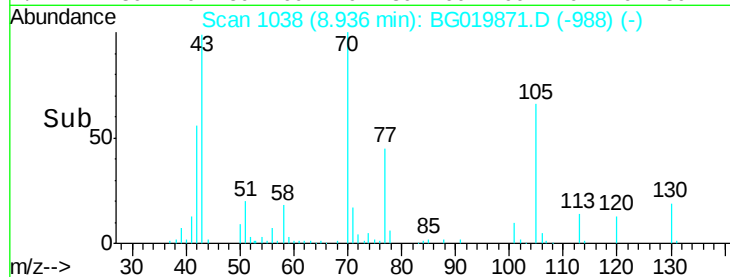
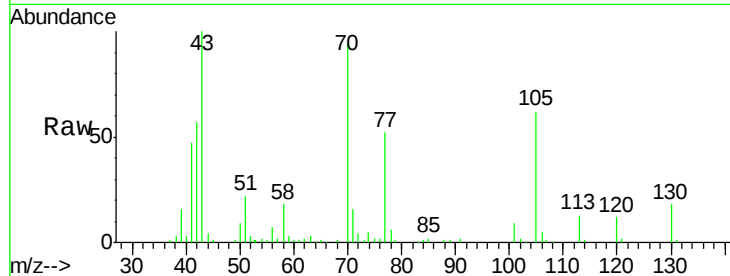
#18
Hexachloroethane
Concen: 42.79 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:117 Resp: 30673
Ion Ratio Lower Upper
117 100
119 96.6 71.7 107.5
201 114.6 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

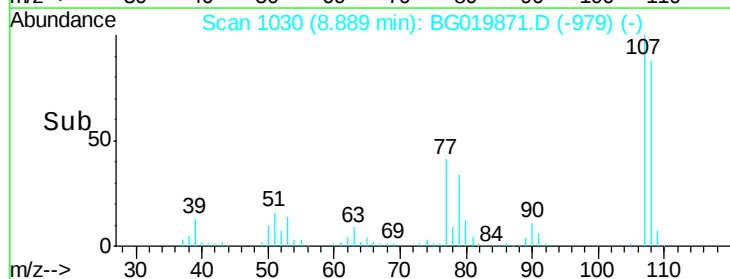
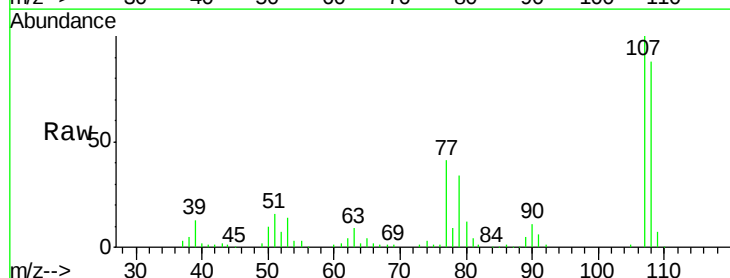
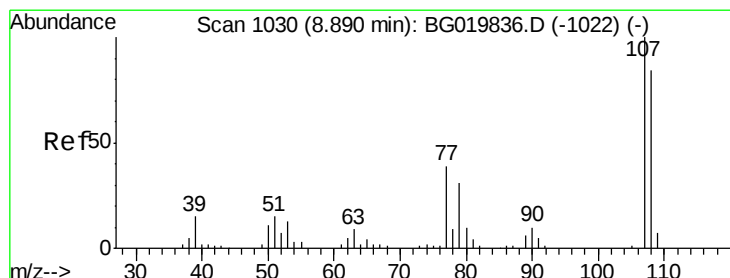
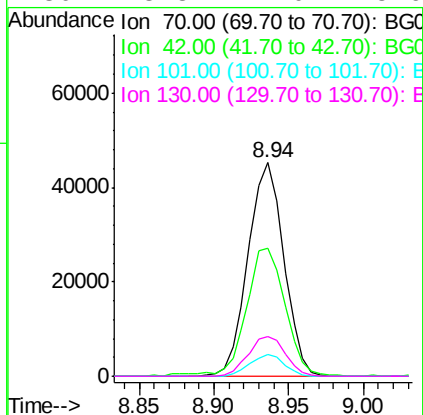




#19
n-Nitroso-di-n-propylamine
Concen: 46.88 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

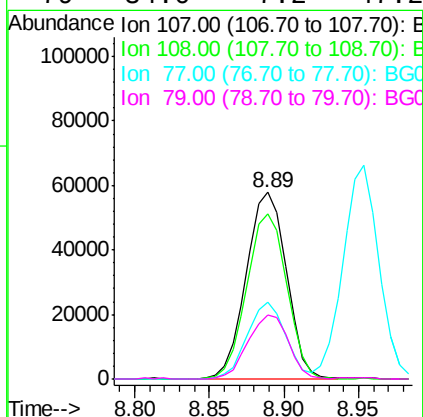
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

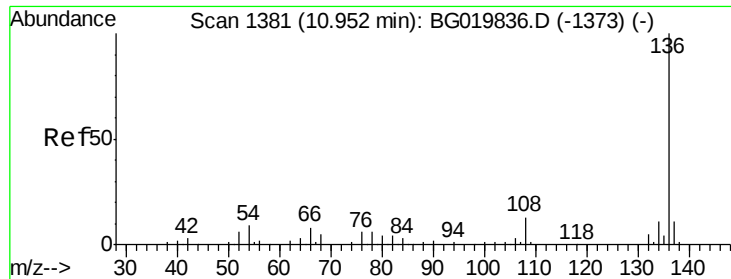
Tgt Ion:	70	Resp:	74850
Ion	Ratio	Lower	Upper
70	100		
42	60.2	40.6	60.8
101	10.1	8.6	13.0
130	18.8	17.0	25.6



#20
3+4-Methylphenols
Concen: 51.06 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:	107	Resp:	108153
Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.2	112.2
77	41.1	13.4	53.4
79	34.0	7.2	47.2

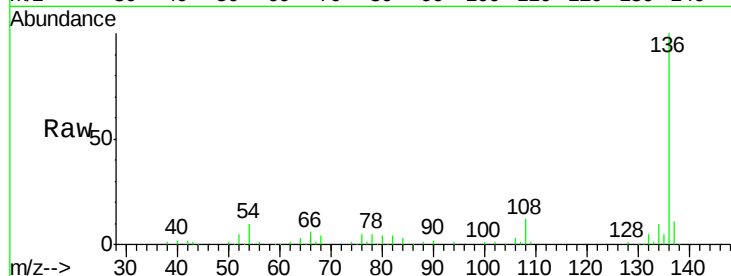




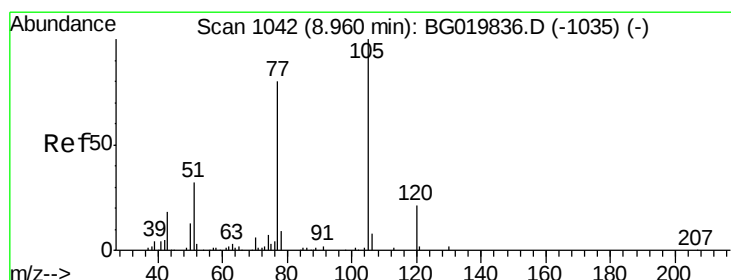
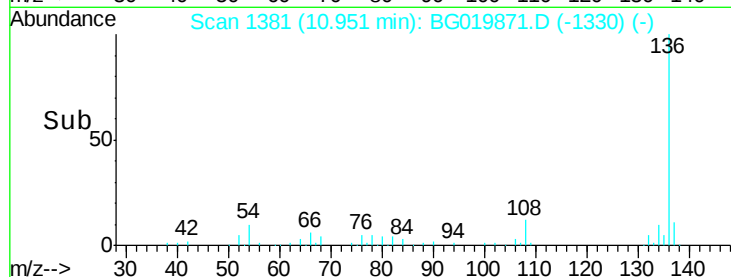
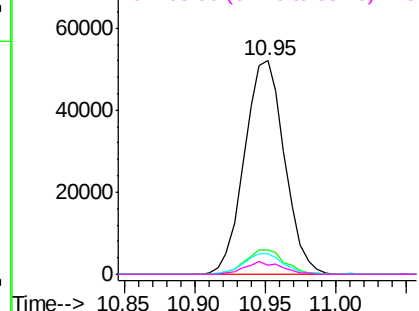
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion:	136	Resp:	103361
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	12.8
54	9.7	5.4	8.2#
68	4.4	5.3	7.9#

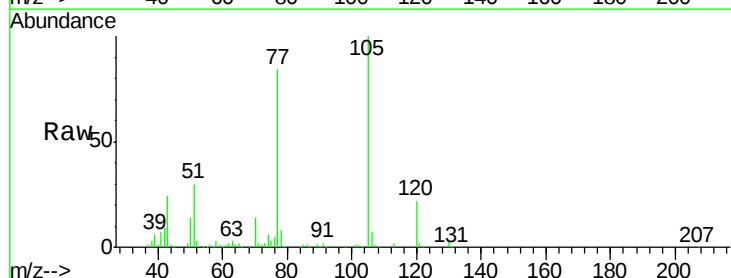


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

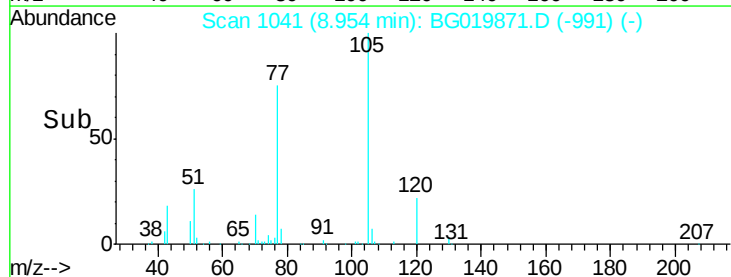
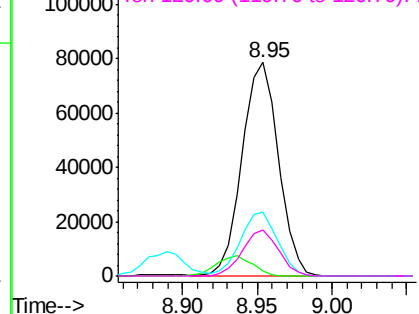


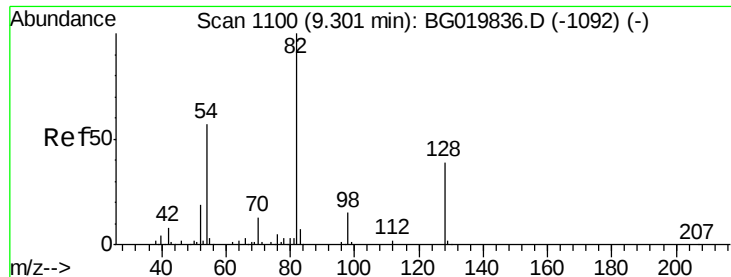
#22
Acetophenone
Concen: 46.81 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:	105	Resp:	132612
Ion Ratio	Lower	Upper	
105	100		
71	2.1	2.1	3.1
51	30.1	17.8	26.8#
120	21.7	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

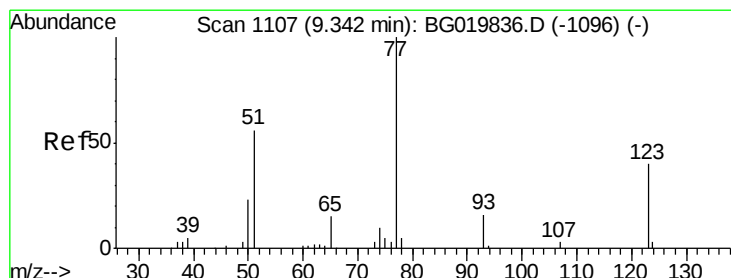
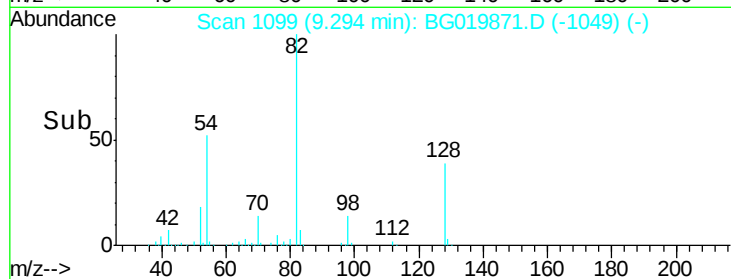
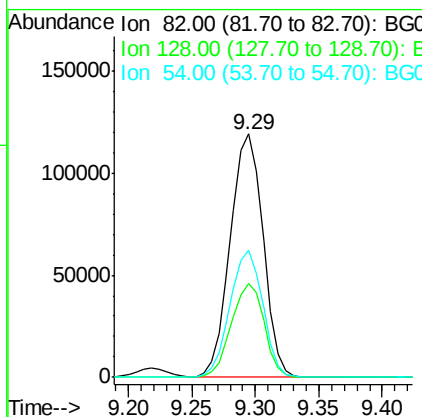
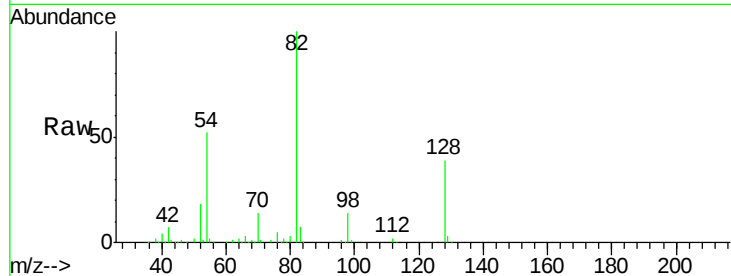




#23
 Nitrobenzene-d5
 Concen: 106.06 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

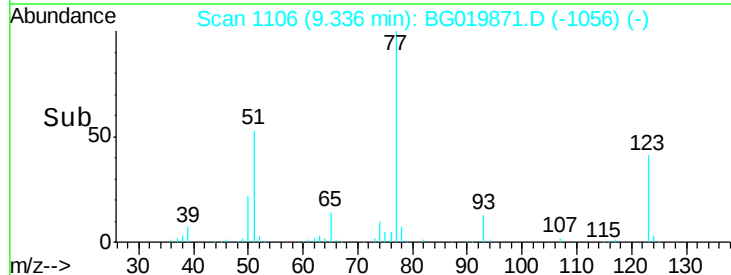
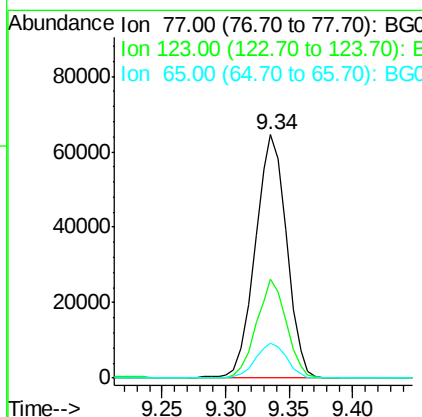
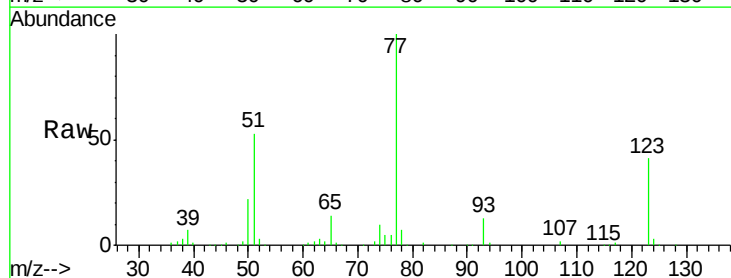
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

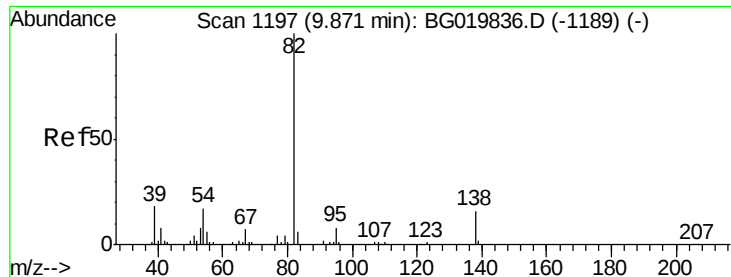
Tgt Ion: 82 Resp: 214793
 Ion Ratio Lower Upper
 82 100
 128 38.7 36.7 55.1
 54 52.5 33.8 50.8#



#24
 Nitrobenzene
 Concen: 50.42 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion: 77 Resp: 110772
 Ion Ratio Lower Upper
 77 100
 123 40.7 38.2 57.2
 65 14.2 10.6 16.0





#25

Isophorone

Concen: 48.58 ng

RT: 9.86 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

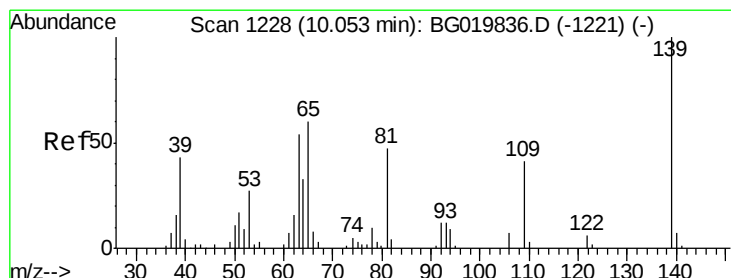
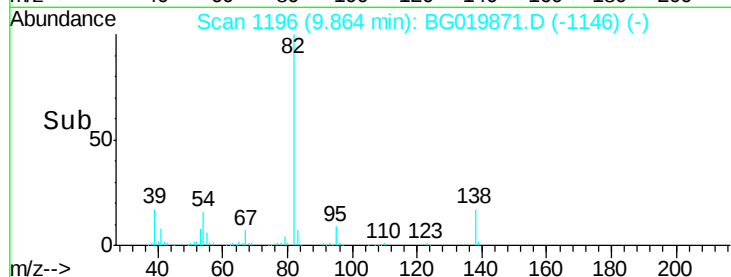
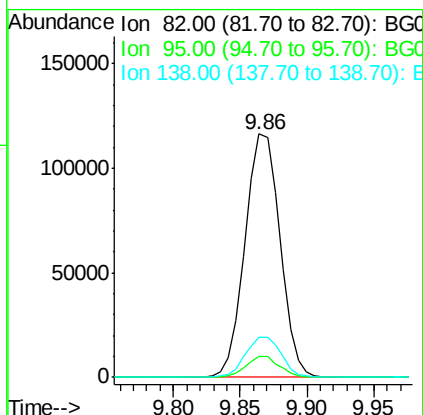
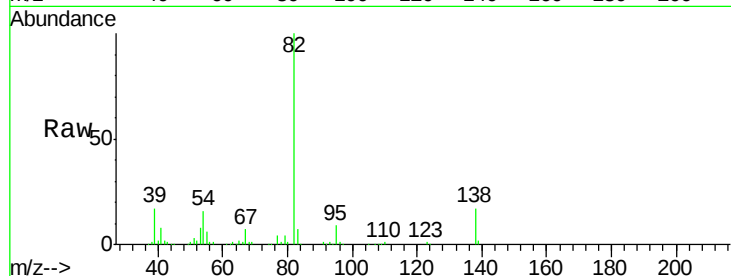
Tgt Ion: 82 Resp: 210948

Ion Ratio Lower Upper

82 100

95 8.7 5.2 7.8#

138 16.6 14.4 21.6



#26

2-Nitrophenol

Concen: 53.82 ng

RT: 10.05 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

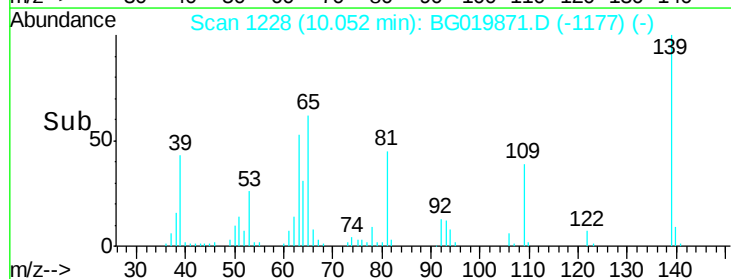
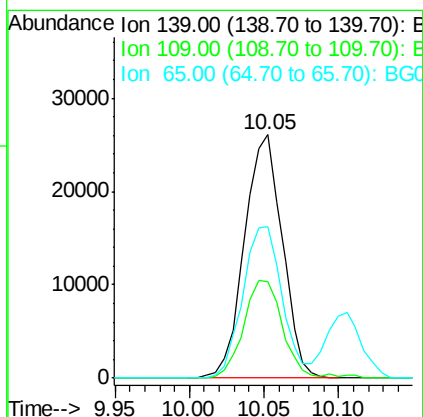
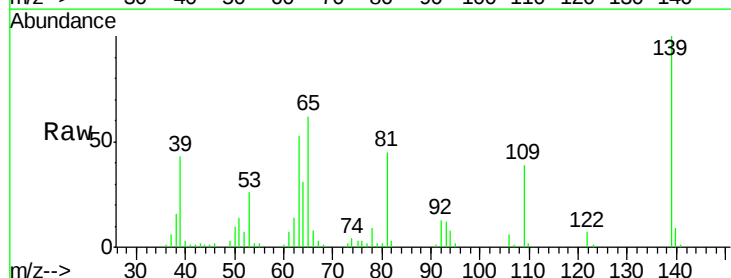
Tgt Ion: 139 Resp: 45665

Ion Ratio Lower Upper

139 100

109 39.5 20.1 30.1#

65 62.1 34.1 51.1#

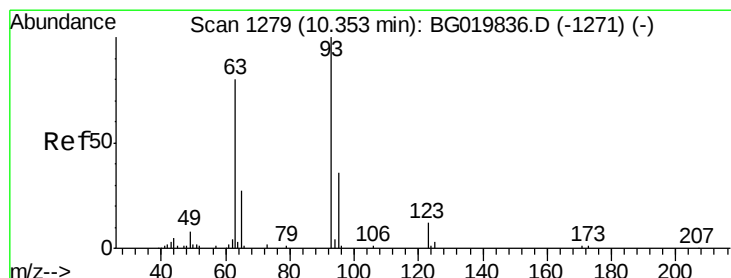
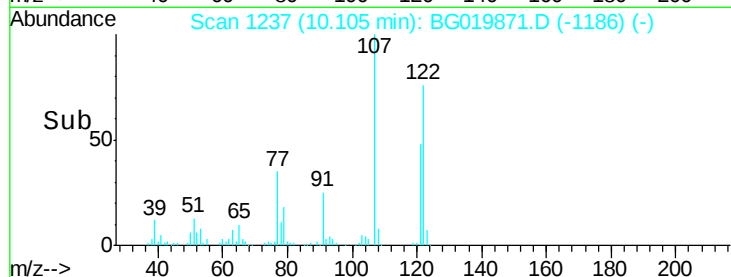
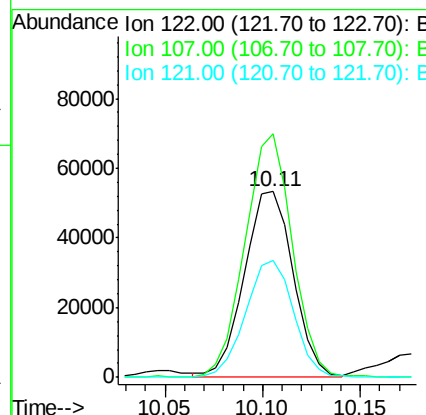
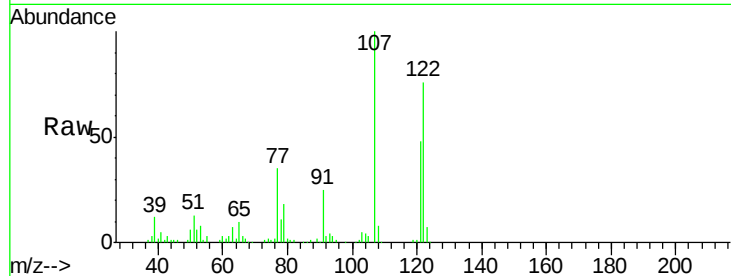




#27
 2,4-Dimethylphenol
 Concen: 51.88 ng
 RT: 10.11 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

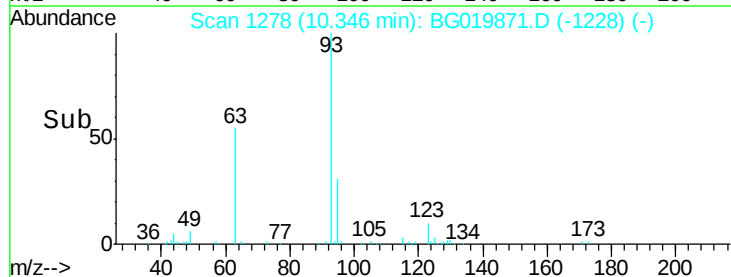
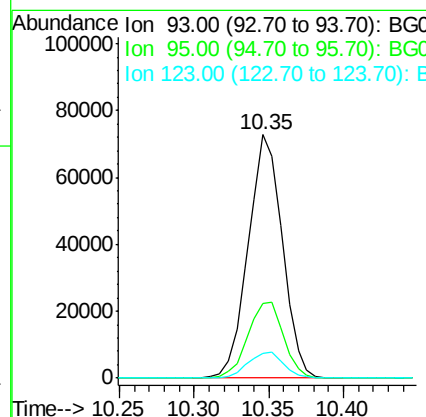
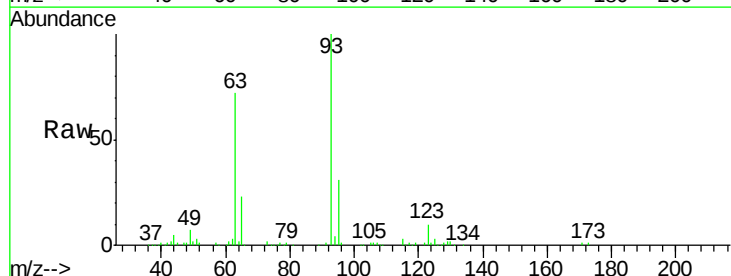
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

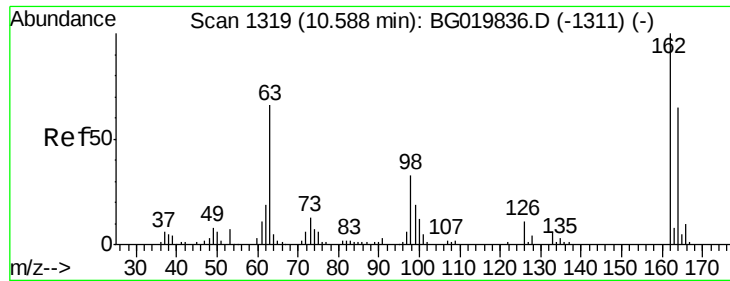
Tgt Ion:122 Resp: 91665
 Ion Ratio Lower Upper
 122 100
 107 131.1 91.6 137.4
 121 62.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.05 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion: 93 Resp: 114681
 Ion Ratio Lower Upper
 93 100
 95 30.5 25.7 38.5
 123 10.2 8.6 12.8

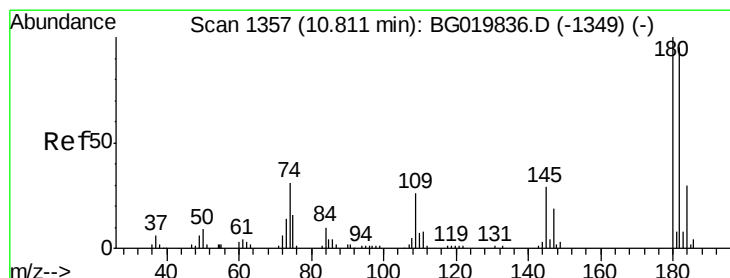
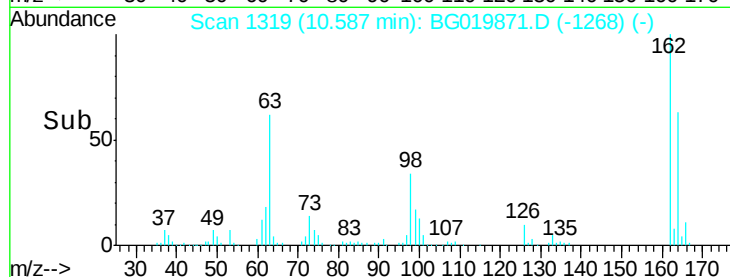
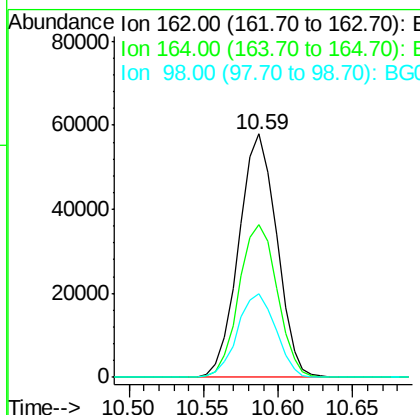
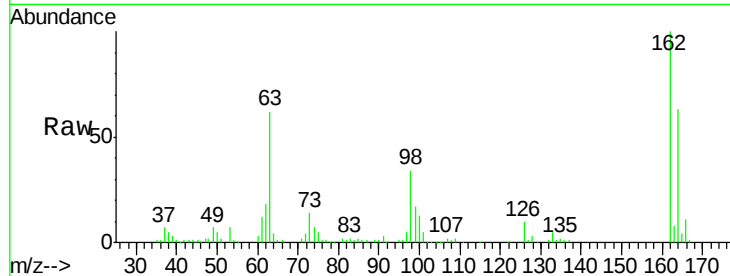




#29
 2,4-Dichlorophenol
 Concen: 56.67 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

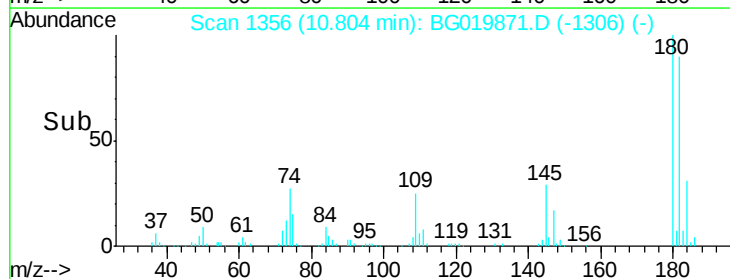
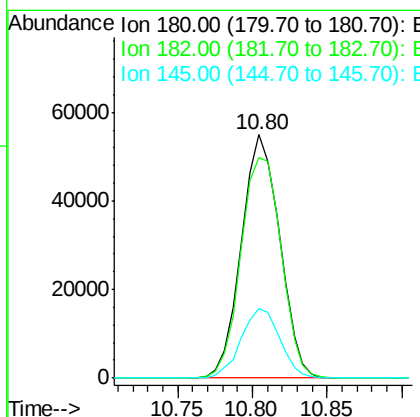
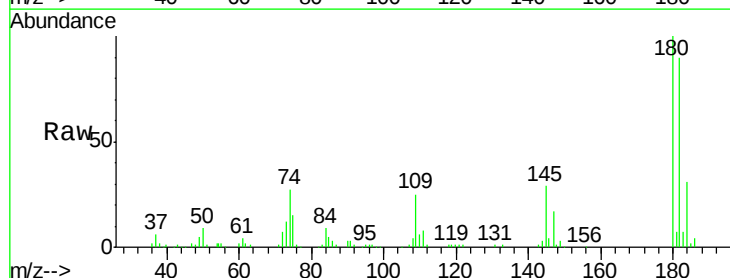
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

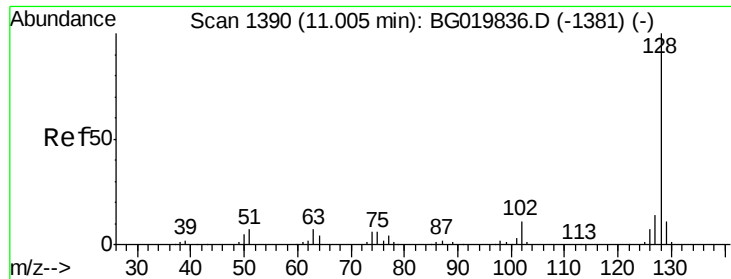
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.3	82.3
98	34.3	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 47.96 ng
 RT: 10.80 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	79.7	119.5
145	28.8	22.0	33.0

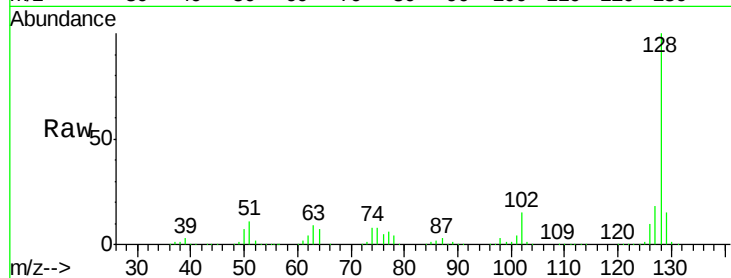




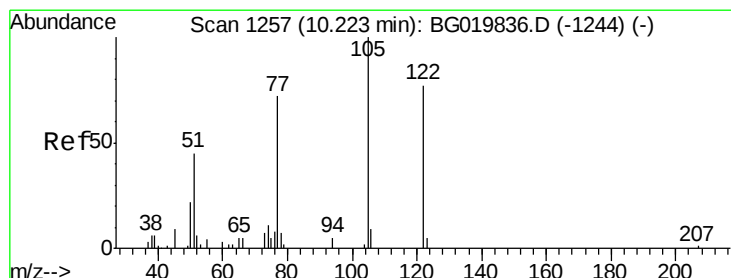
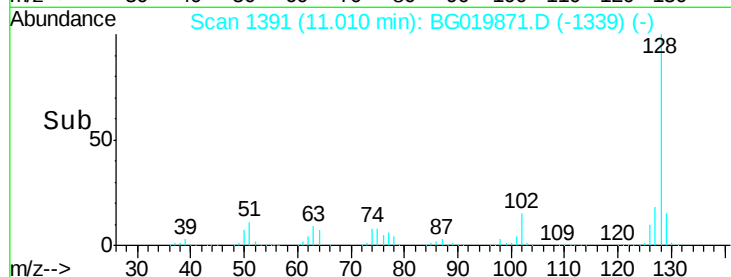
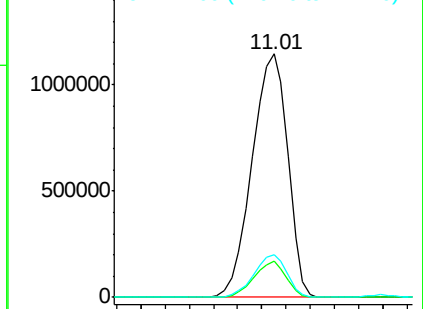
#31
Naphthalene
Concen: 422.94 ng
RT: 11.01 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion:128 Resp: 2341866
Ion Ratio Lower Upper
128 100
129 14.8 8.5 12.7#
127 17.8 10.6 16.0#

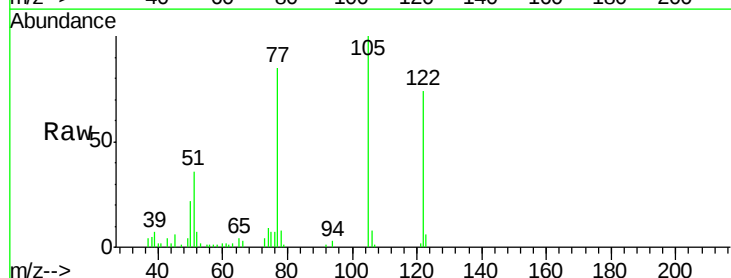


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

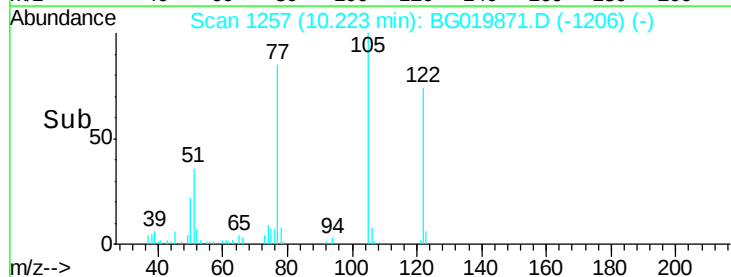
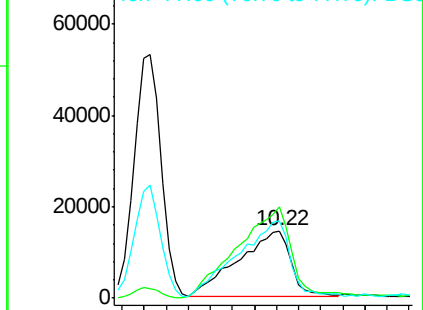


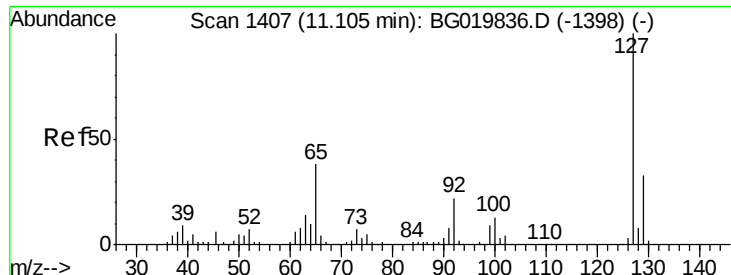
#32
Benzoic acid
Concen: 41.41 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:122 Resp: 48181
Ion Ratio Lower Upper
122 100
105 134.9 103.8 143.8
77 114.1 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): BGO

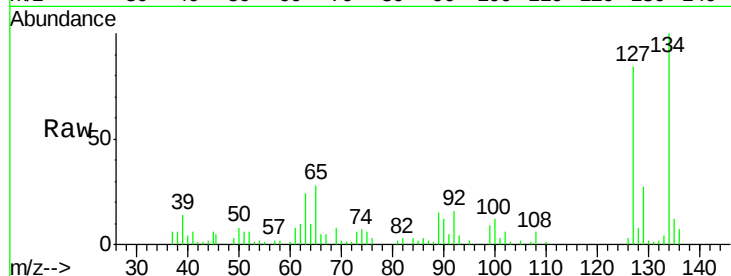




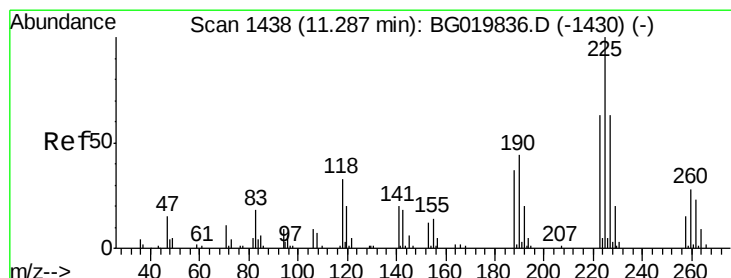
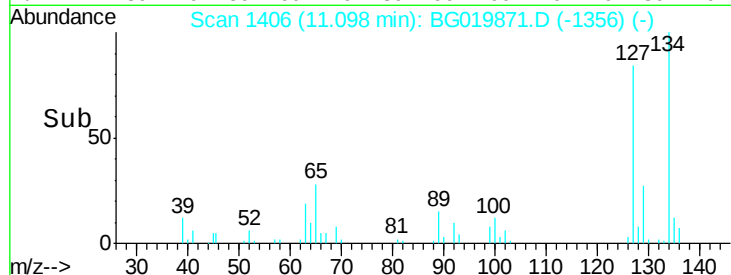
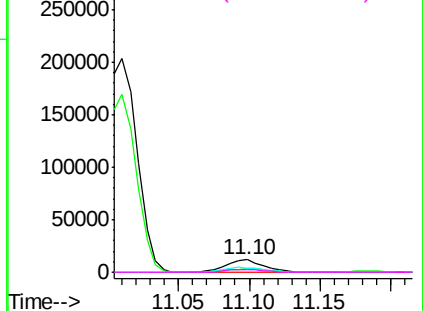
#33
4-Chloroaniline
Concen: 9.20 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion:127 Resp: 22442
Ion Ratio Lower Upper
127 100
129 32.4 24.6 37.0
65 33.7 22.6 33.8
92 18.7 15.1 22.7

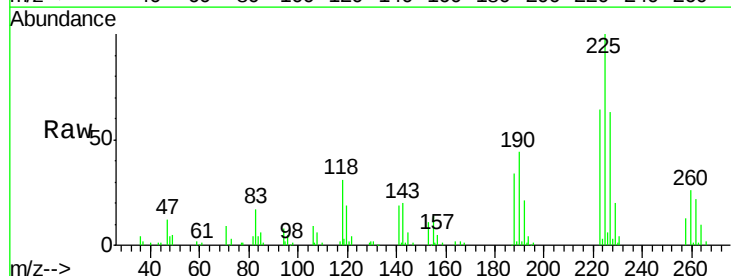


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

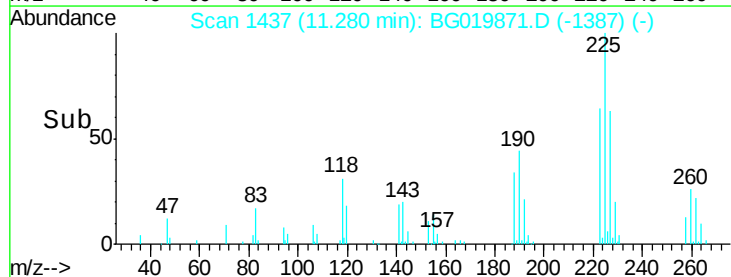
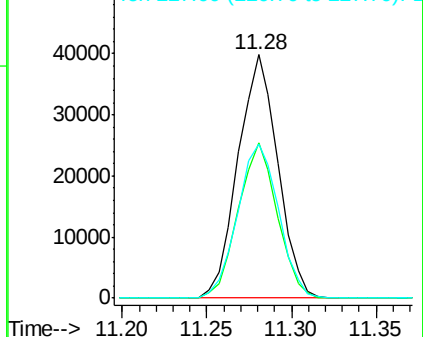


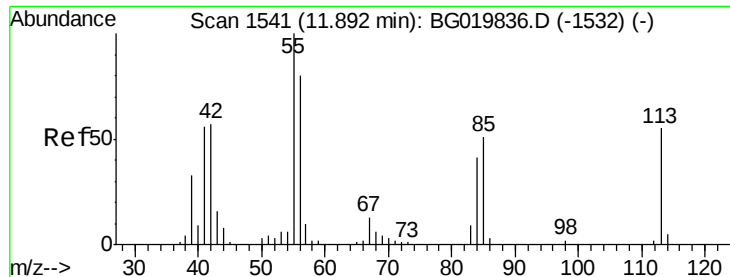
#34
Hexachlorobutadiene
Concen: 43.37 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:225 Resp: 65266
Ion Ratio Lower Upper
225 100
223 60.3 51.0 76.4
227 62.6 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: 28.52 ng

RT: 11.88 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

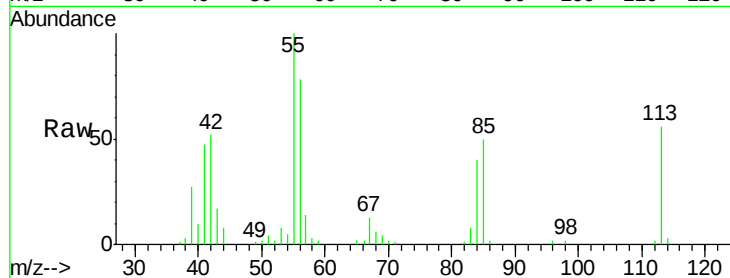
Tgt Ion:113 Resp: 19163

Ion Ratio Lower Upper

113 100

55 179.9 135.0 175.0#

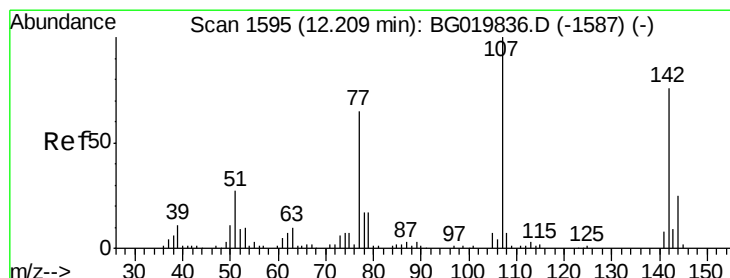
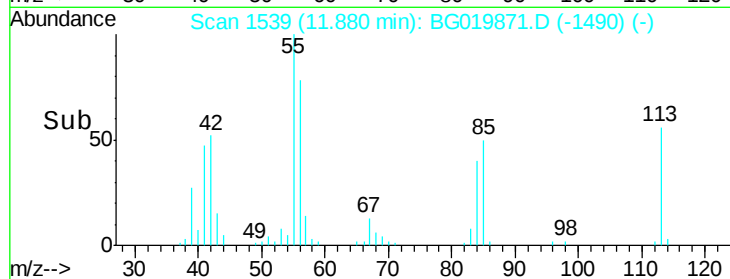
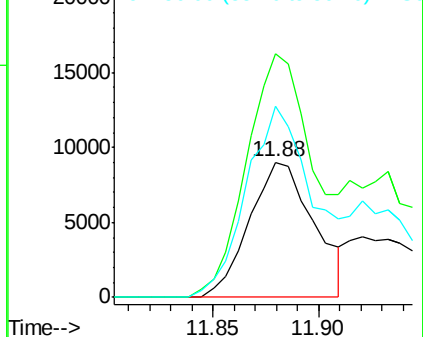
56 141.1 83.4 123.4#



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: 52.40 ng

RT: 12.20 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

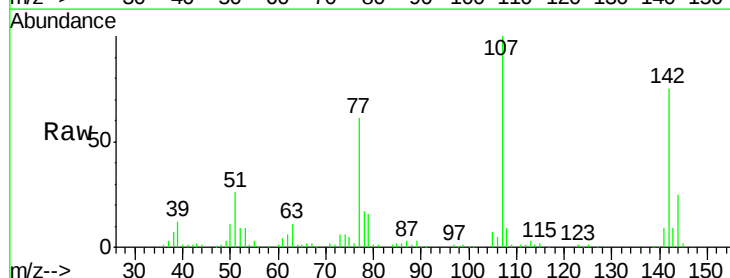
Tgt Ion:107 Resp: 117785

Ion Ratio Lower Upper

107 100

144 25.1 20.6 31.0

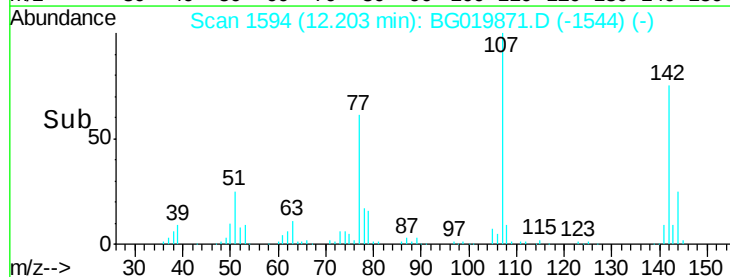
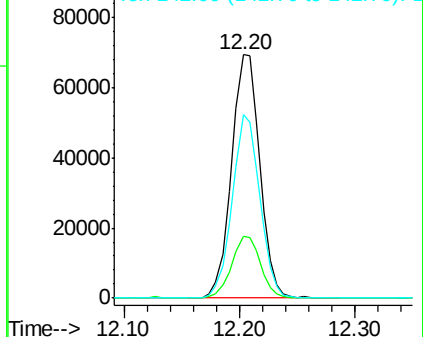
142 75.5 62.6 93.8



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

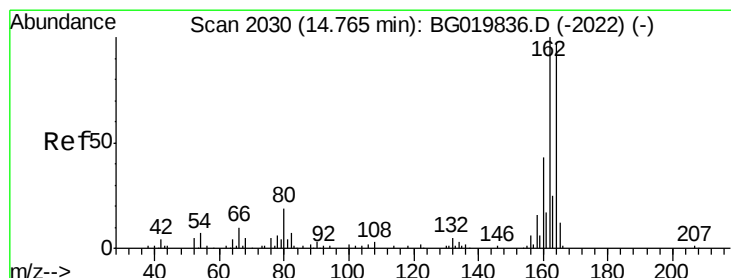
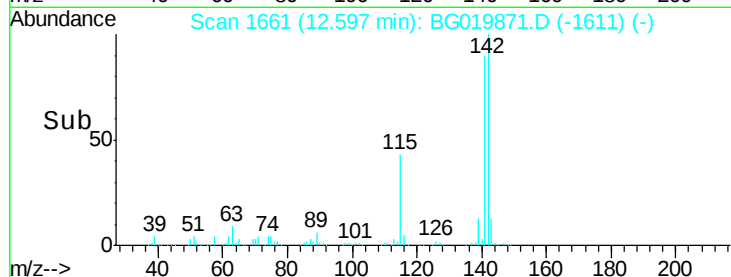
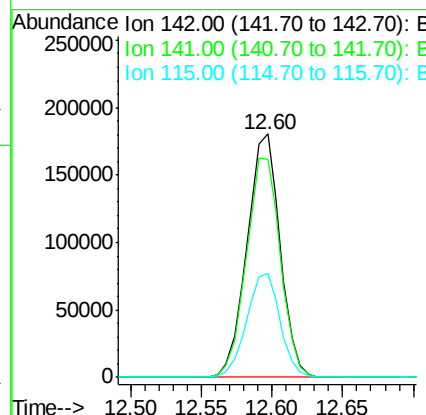
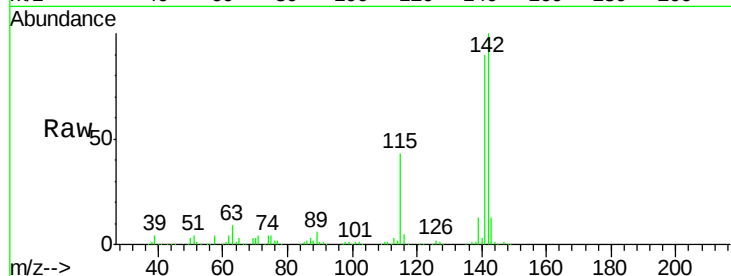




#37
2-Methylnaphthalene
Concen: 72.74 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

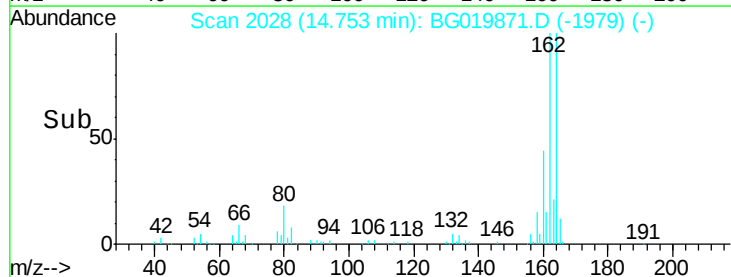
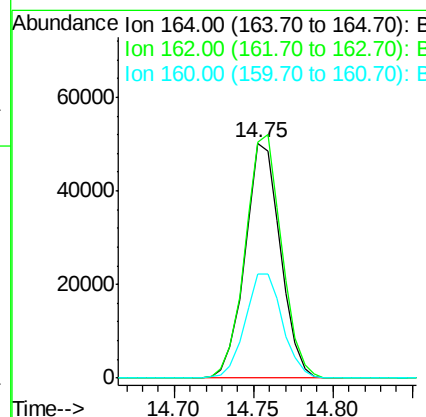
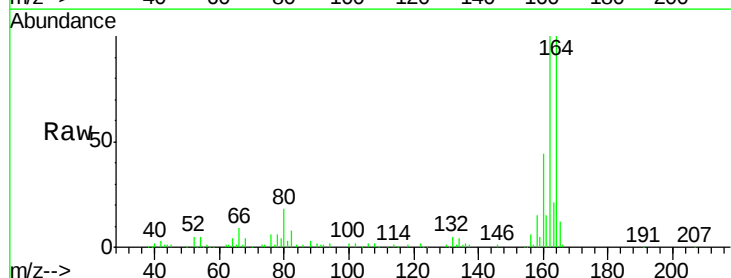
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

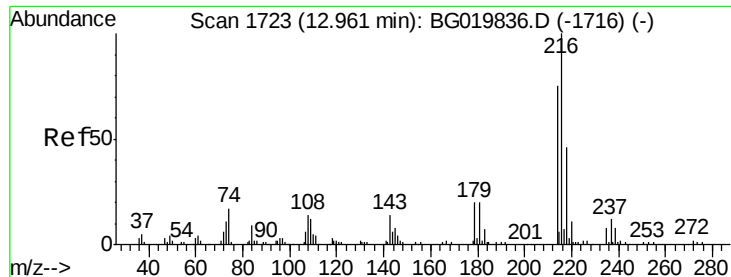
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.6	112.0
115	42.6	27.4	41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	44.1	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.75 ng

RT: 12.95 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

Tgt Ion:216 Resp: 137643

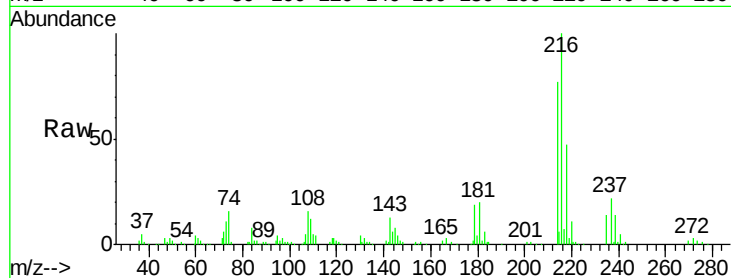
Ion Ratio Lower Upper

216 100

214 78.8 62.5 93.7

179 19.7 15.6 23.4

108 18.0 13.3 19.9

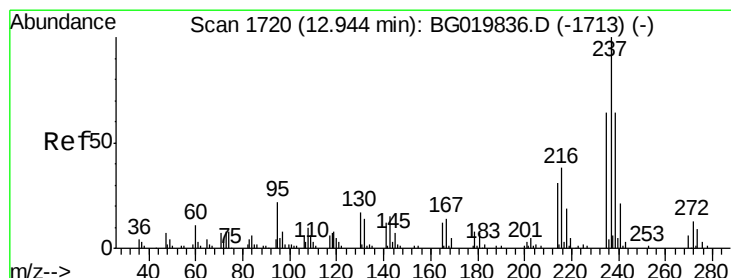
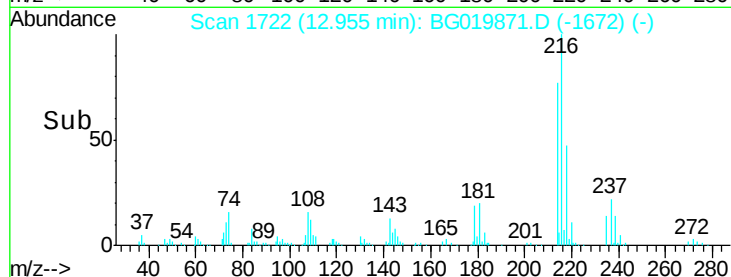
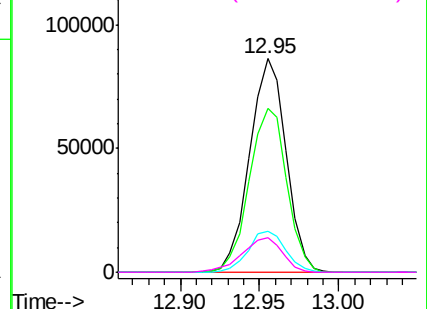


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.06 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

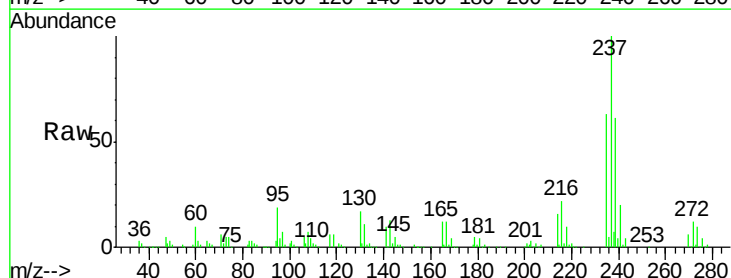
Tgt Ion:237 Resp: 142815

Ion Ratio Lower Upper

237 100

235 63.4 44.6 84.6

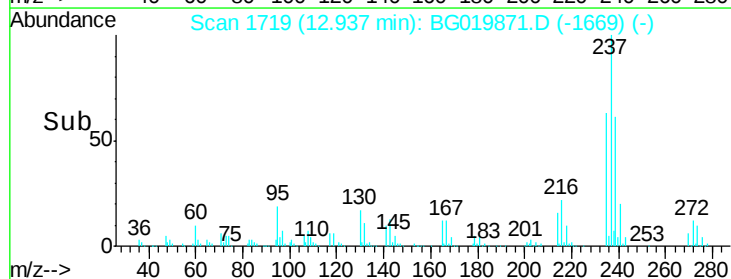
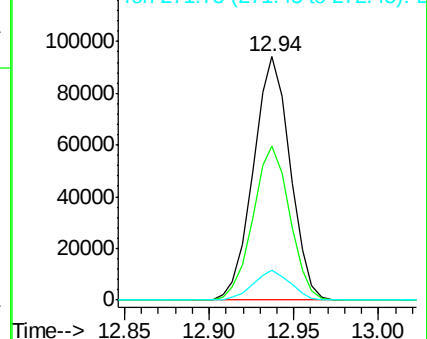
272 12.0 0.0 32.8

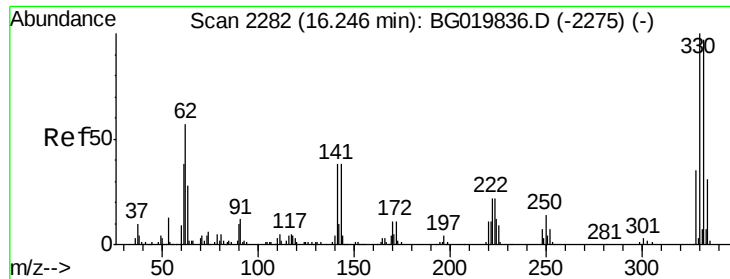


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

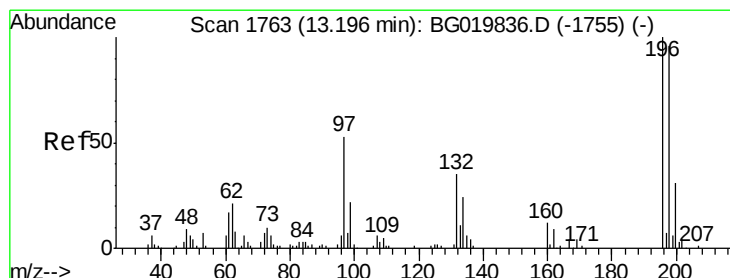
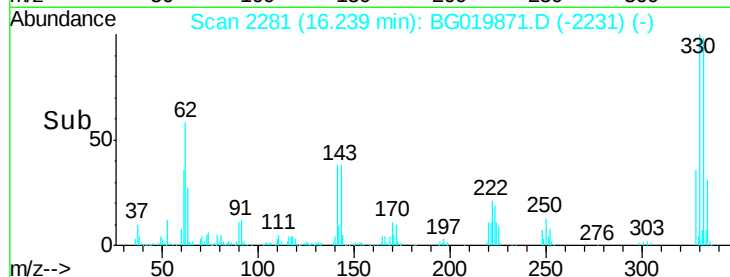
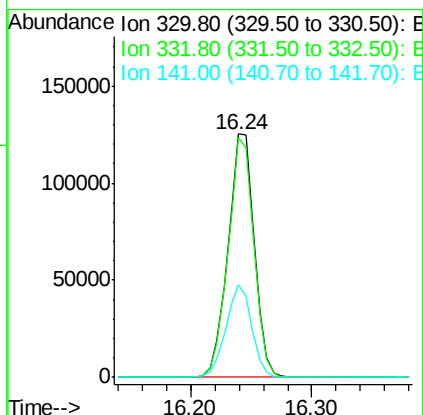
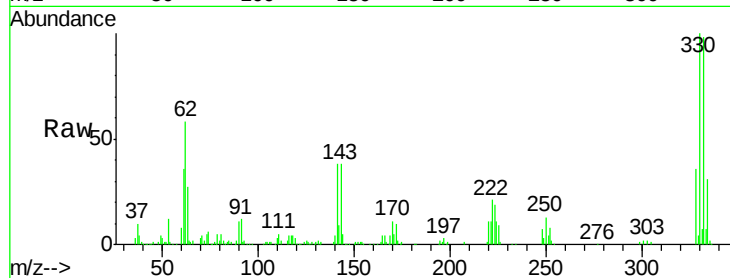




#41
 2,4,6-Tribromophenol
 Concen: 159.49 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

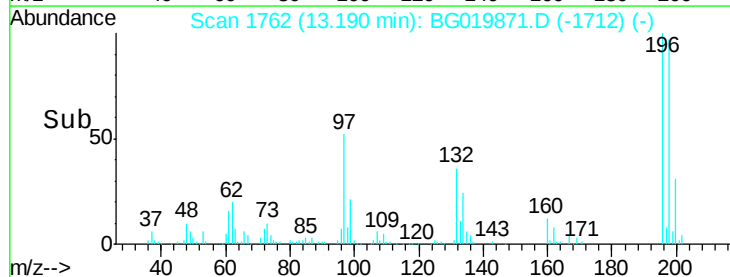
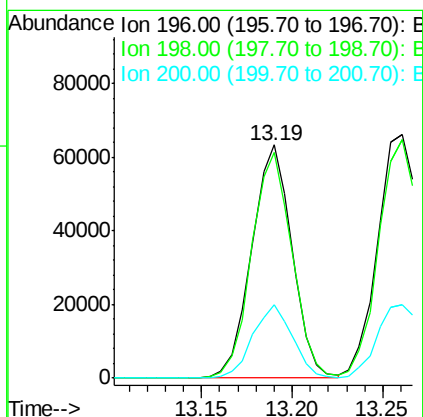
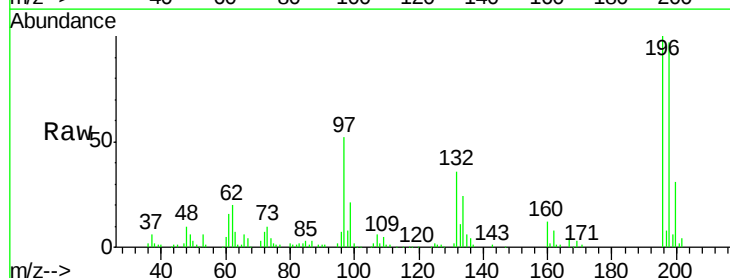
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

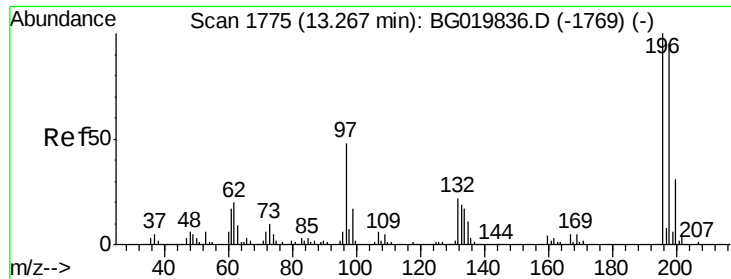
Tgt Ion:330 Resp: 189352
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.1 117.1
 141 37.2 28.2 42.2



#42
 2,4,6-Trichlorophenol
 Concen: 50.07 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion:196 Resp: 97603
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.7 112.1
 200 31.3 24.1 36.1

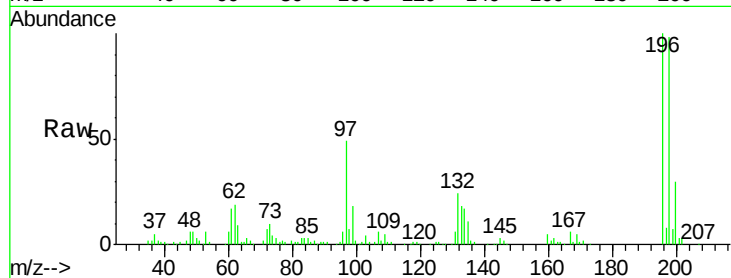




#43
 2,4,5-Trichlorophenol
 Concen: 53.79 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.2	112.8
97	49.4	34.2	51.2
132	24.0	21.8	32.6



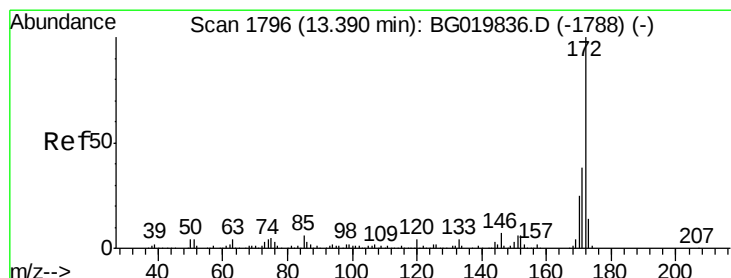
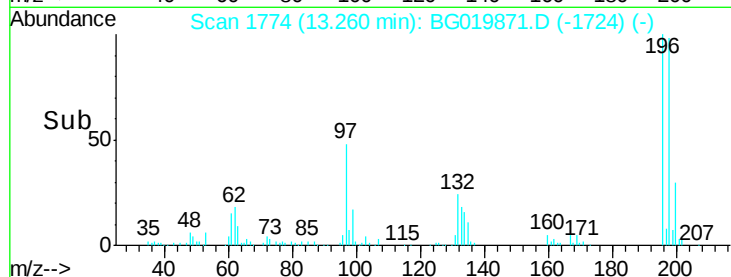
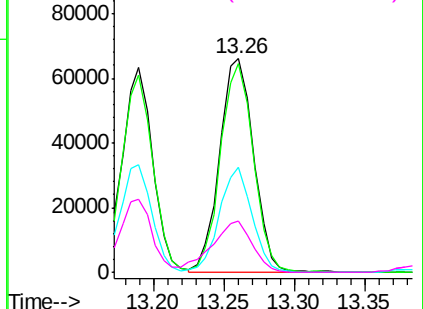
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

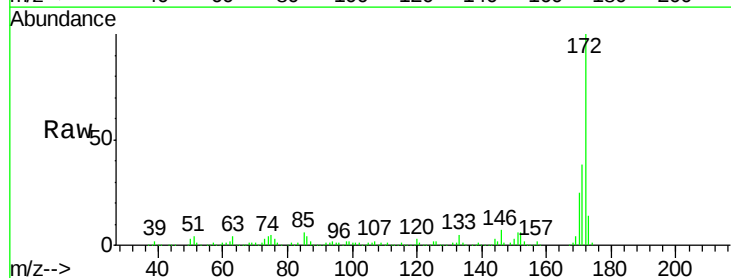
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.22 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.9	19.9	29.9

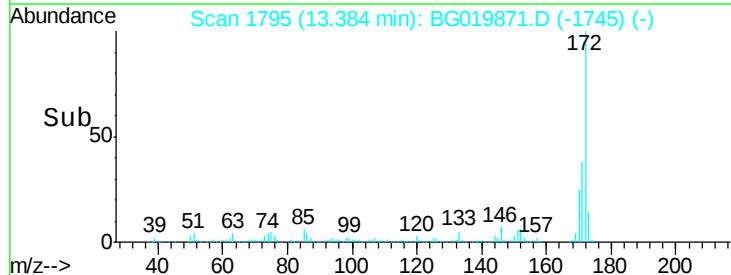
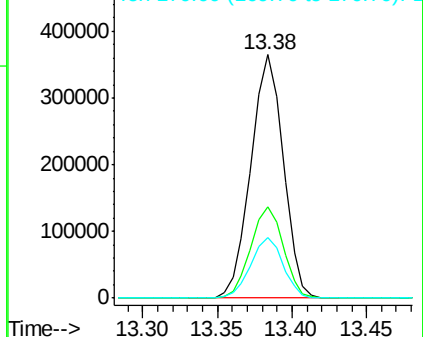


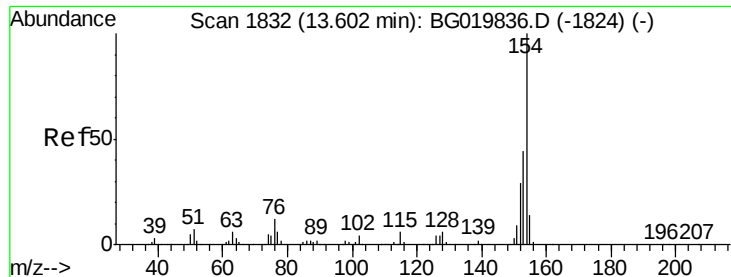
Abundance

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: 48.96 ng

RT: 13.60 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

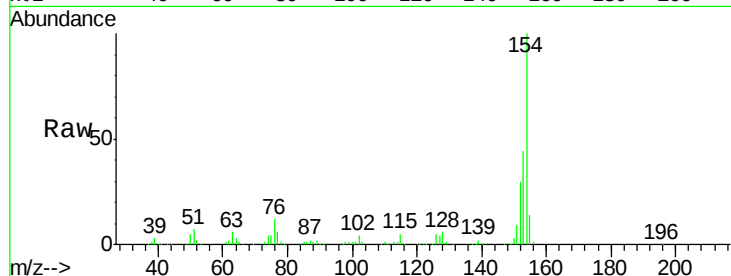
Tgt Ion:154 Resp: 311797

Ion Ratio Lower Upper

154 100

153 44.0 21.9 61.9

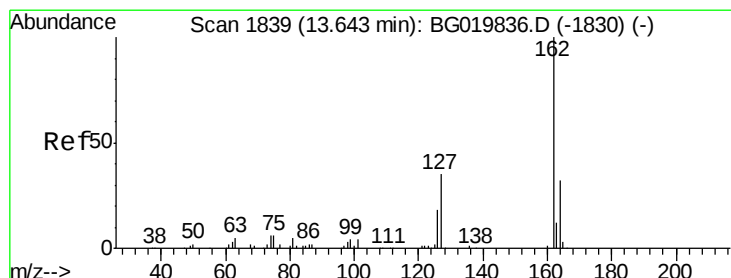
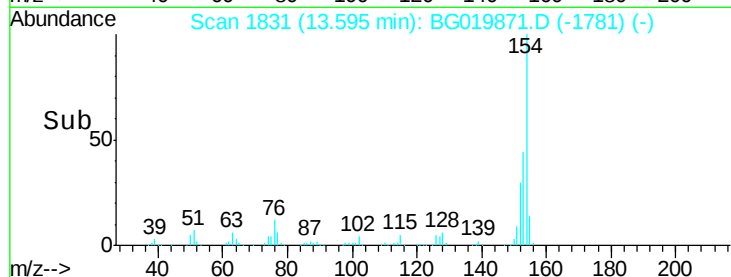
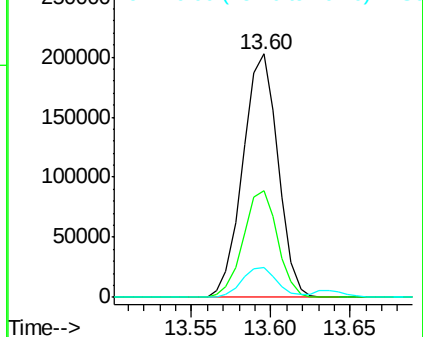
76 12.2 0.0 33.2



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: 48.77 ng

RT: 13.64 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

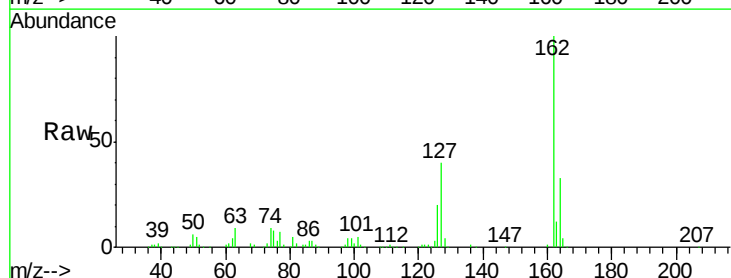
Tgt Ion:162 Resp: 239370

Ion Ratio Lower Upper

162 100

127 40.0 28.3 42.5

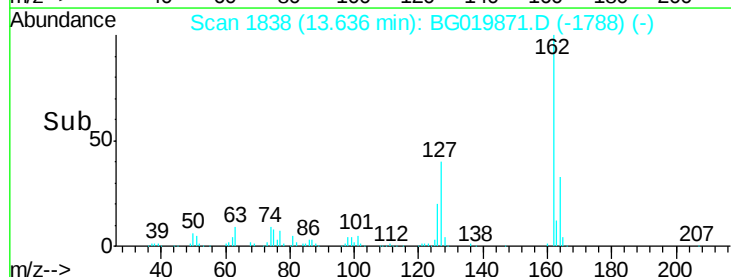
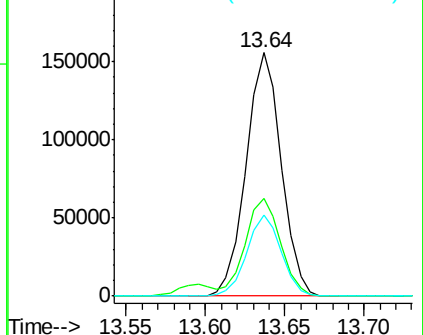
164 33.1 27.4 41.0



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

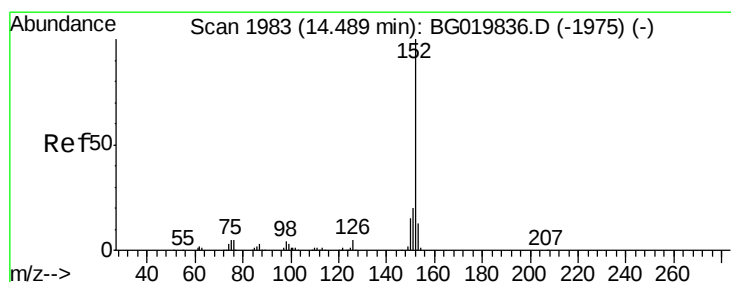
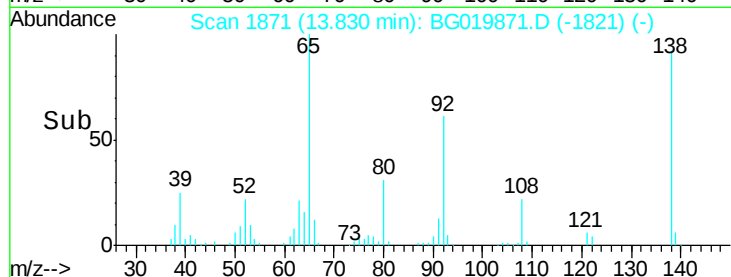
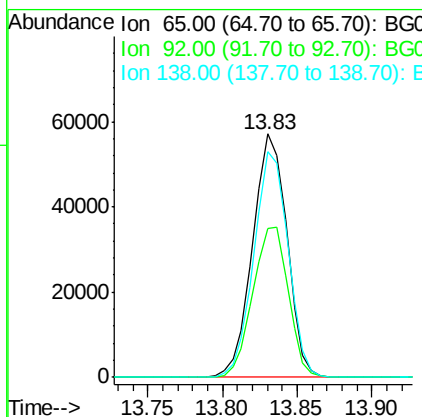
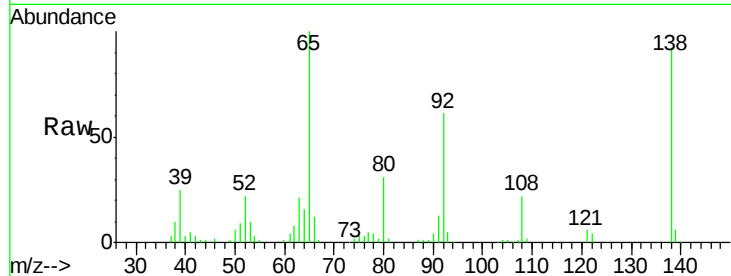




#47
2-Nitroaniline
Concen: 58.38 ng
RT: 13.83 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

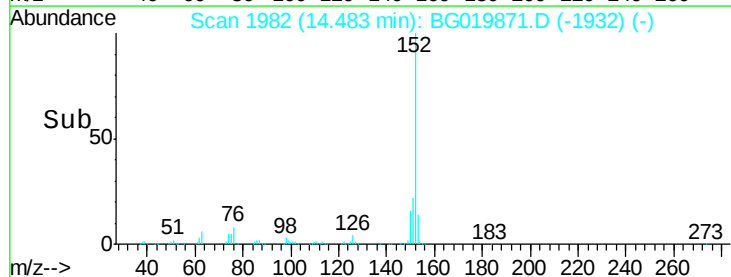
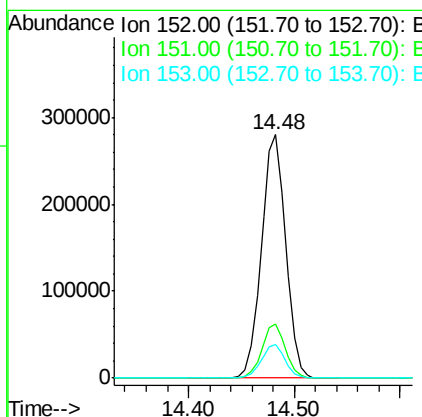
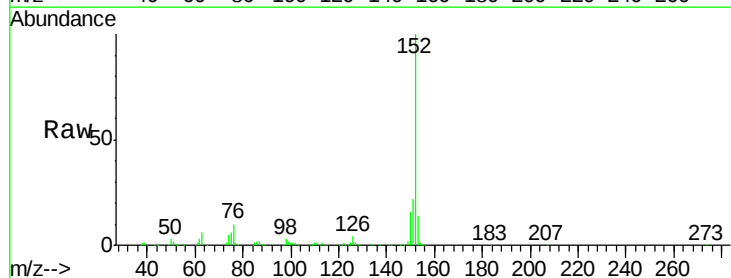
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

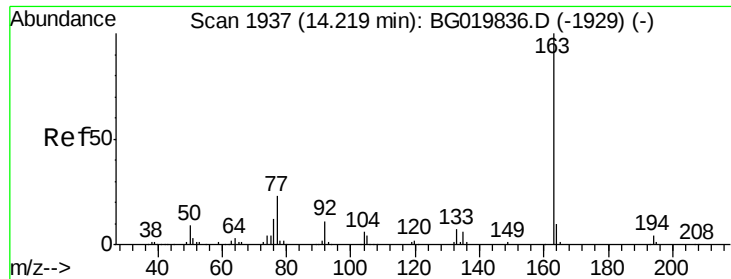
Tgt Ion: 65 Resp: 90509
Ion Ratio Lower Upper
65 100
92 61.3 54.8 82.2
138 92.5 89.6 134.4



#48
Acenaphthylene
Concen: 53.45 ng
RT: 14.48 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion: 152 Resp: 446889
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.4
153 13.7 10.4 15.6





#49

Dimethylphthalate

Concen: 48.68 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

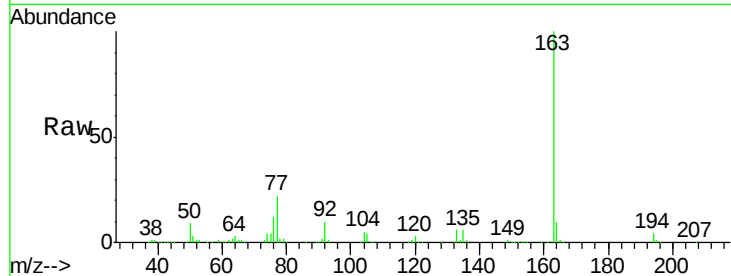
Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

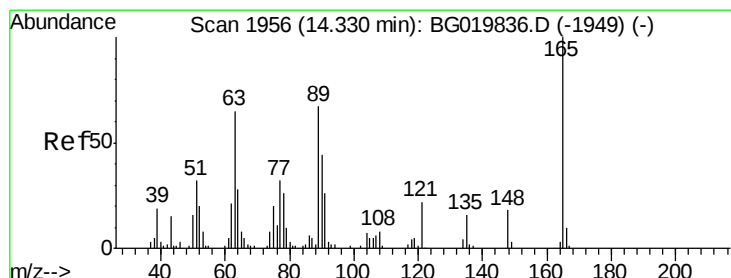
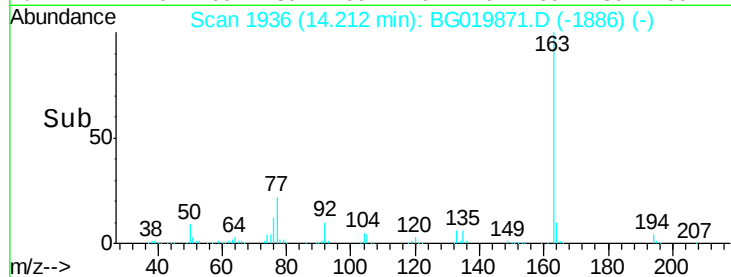
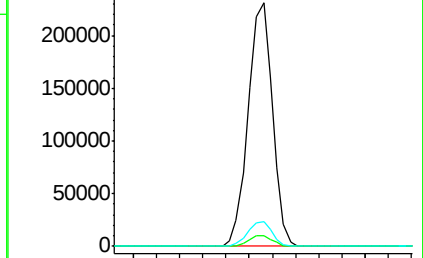
Tgt Ion:	163	Resp:	339755
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	10.1	8.8	13.2



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: 55.95 ng

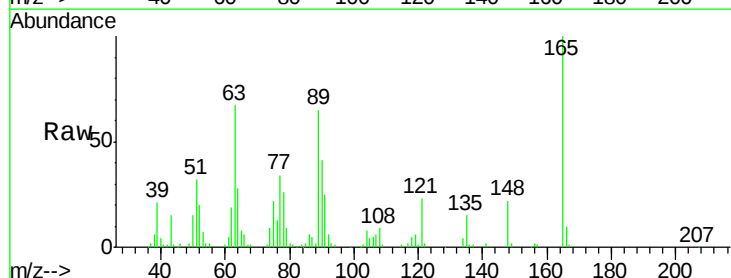
RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

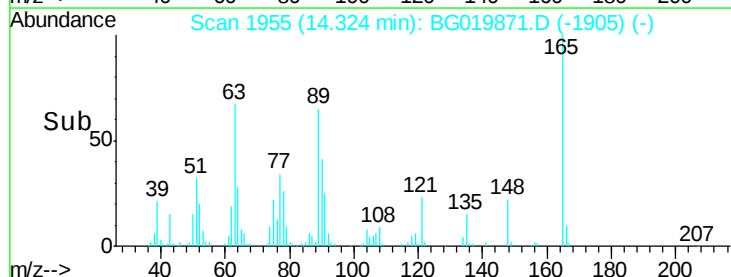
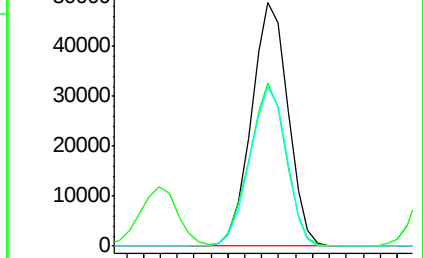
Tgt Ion:	165	Resp:	73417
Ion Ratio	Lower	Upper	
165	100		
63	67.0	35.7	53.5#
89	65.3	39.7	59.5#

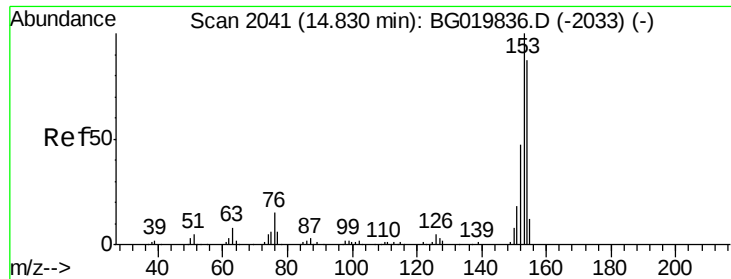


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 65.38 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

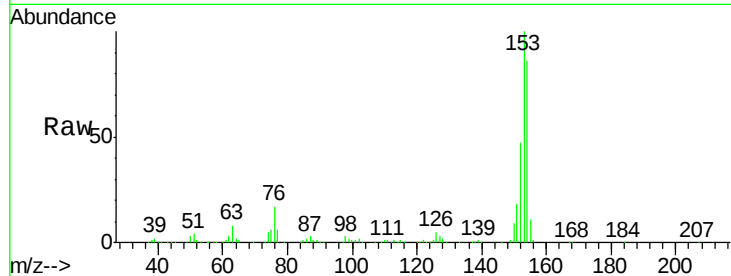
Tgt Ion:154 Resp: 331696

Ion Ratio Lower Upper

154 100

153 116.6 92.9 139.3

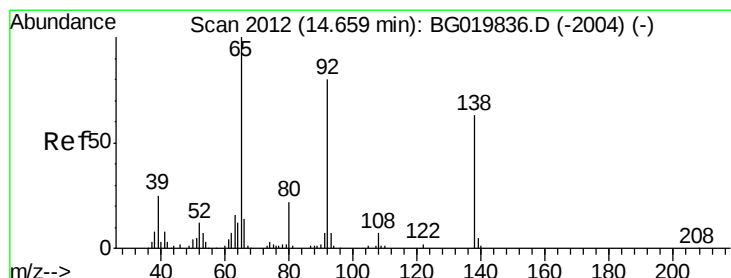
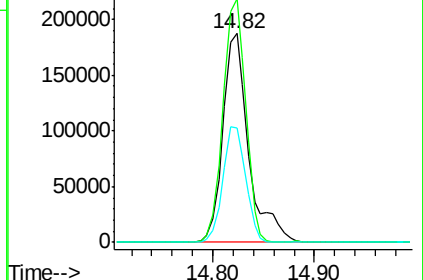
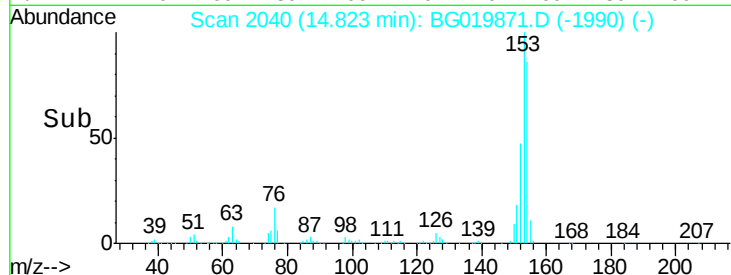
152 54.7 45.8 68.8



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: 35.53 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

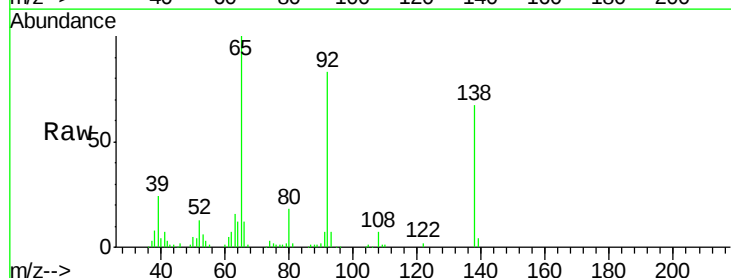
Tgt Ion:138 Resp: 48446

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

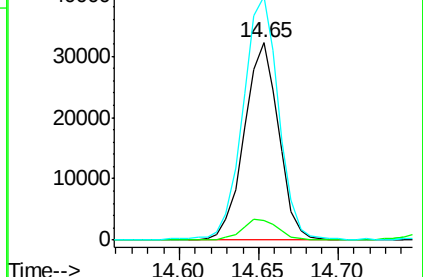
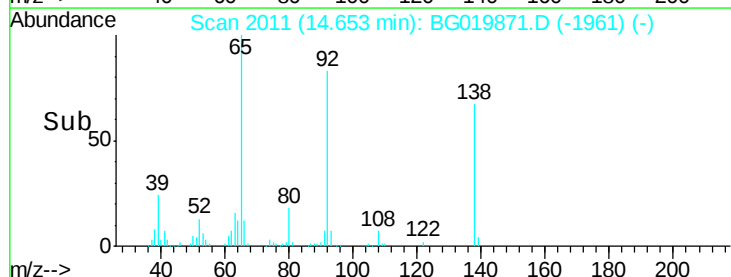
92 123.5 94.2 141.4

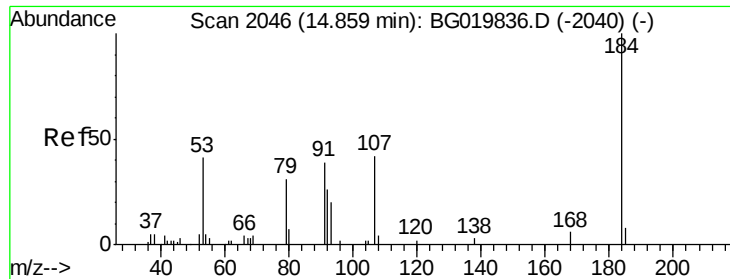


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

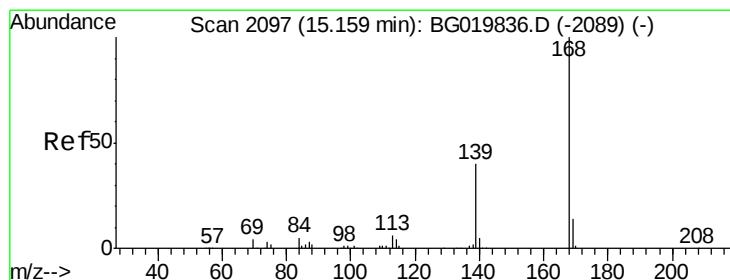
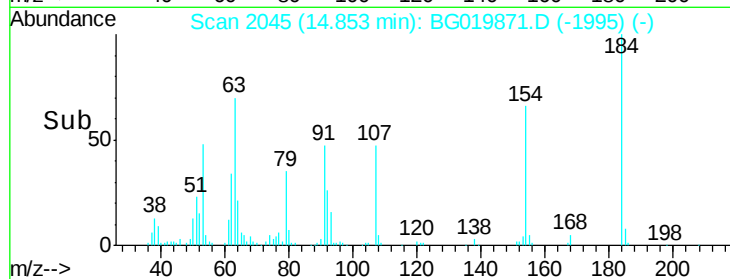
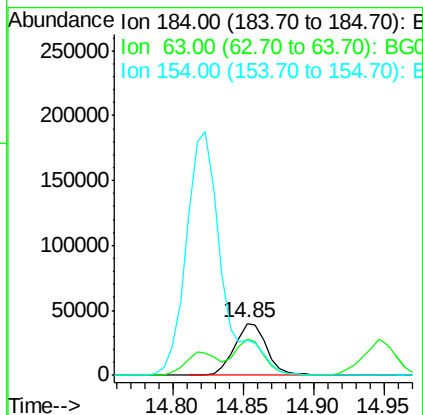
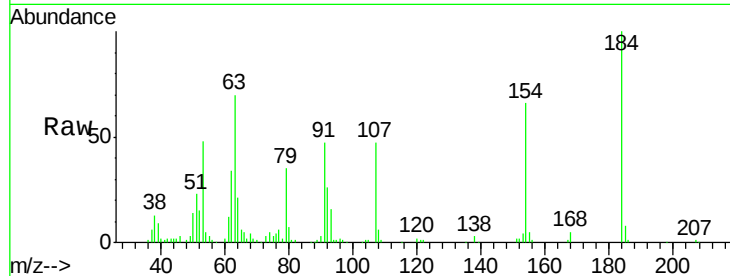




#53
2,4-Dinitrophenol
Concen: 90.95 ng
RT: 14.85 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

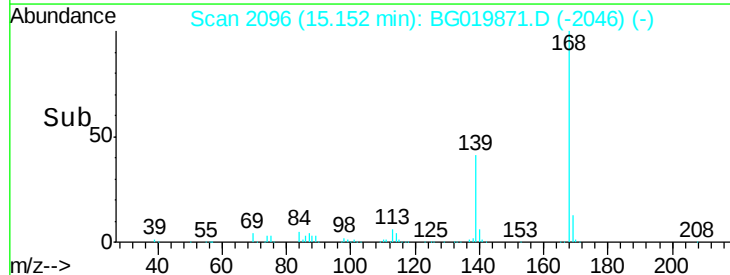
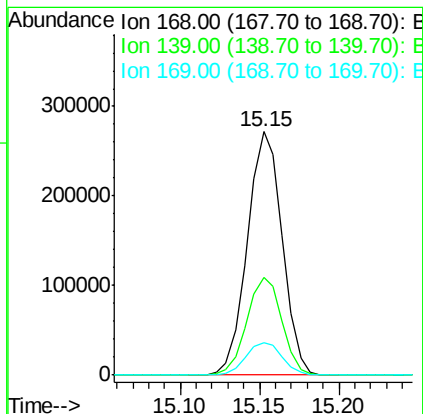
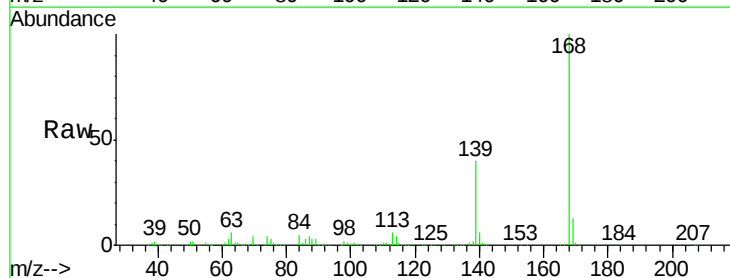
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

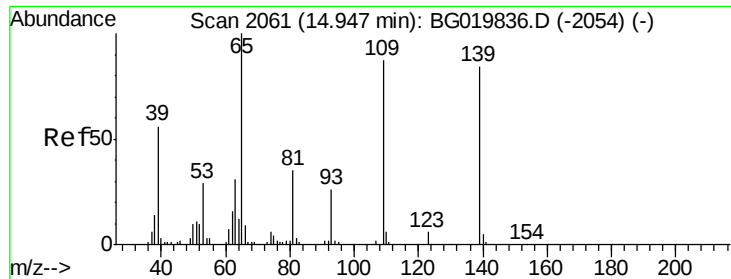
Tgt Ion:184 Resp: 64513
Ion Ratio Lower Upper
184 100
63 70.1 42.7 64.1#
154 66.0 44.3 66.5



#54
Dibenzofuran
Concen: 55.03 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:168 Resp: 415285
Ion Ratio Lower Upper
168 100
139 40.3 27.4 41.0
169 13.4 11.0 16.4

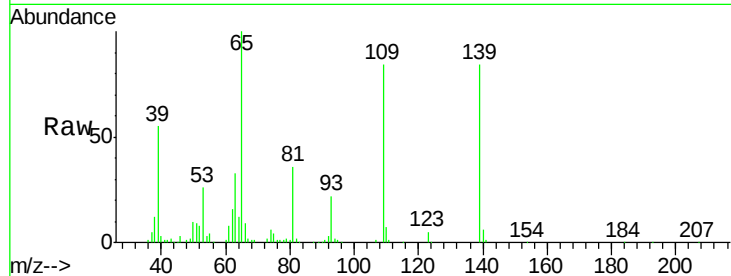




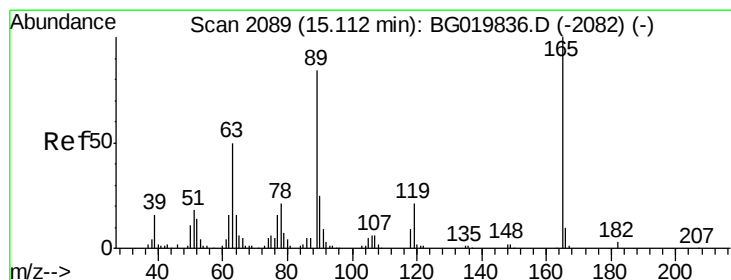
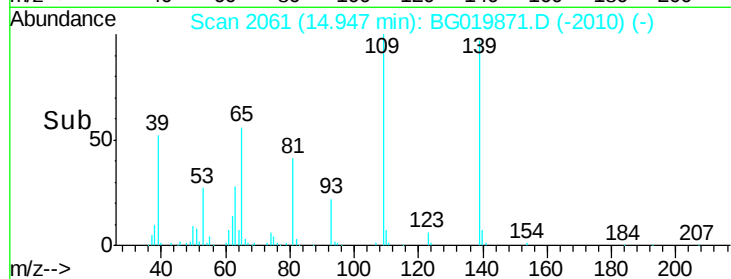
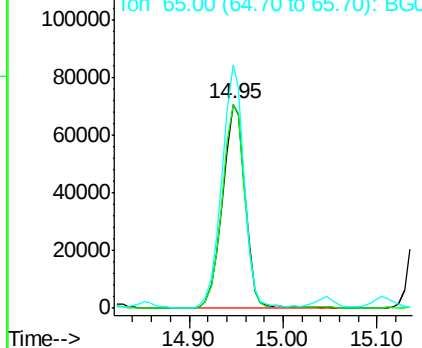
#55
4-Nitrophenol
Concen: 100.32 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion:139 Resp: 119117
Ion Ratio Lower Upper
139 100
109 99.7 43.2 83.2#
65 119.1 67.8 107.8#



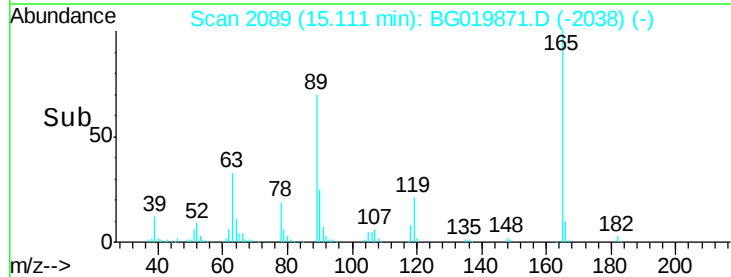
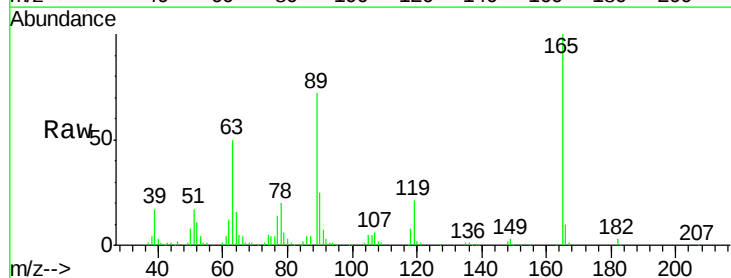
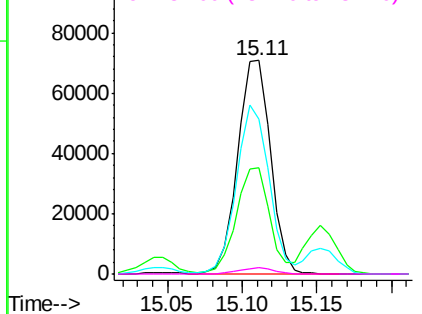
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

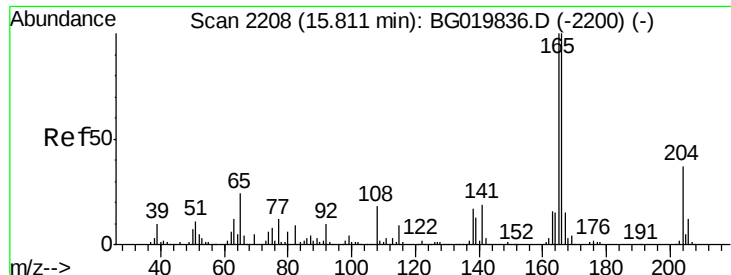


#56
2,4-Dinitrotoluene
Concen: 59.30 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:165 Resp: 108567
Ion Ratio Lower Upper
165 100
63 50.0 31.0 46.4#
89 72.3 54.4 81.6
182 2.9 1.6 2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

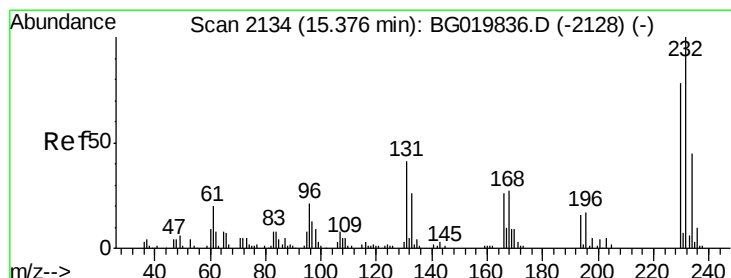
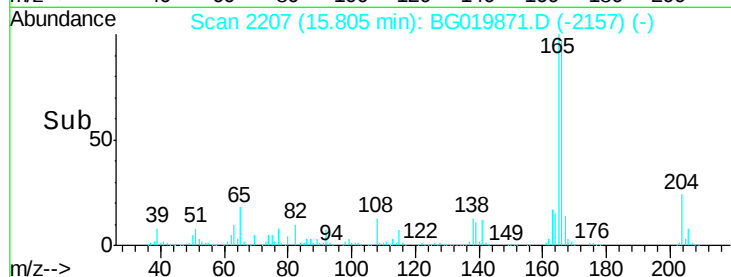
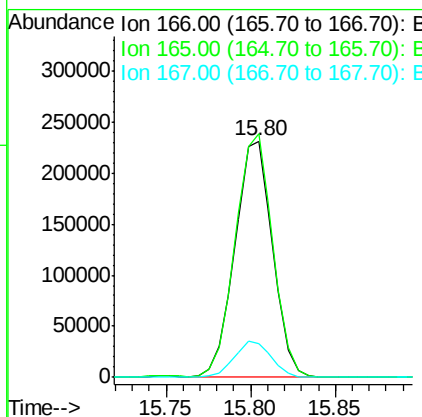
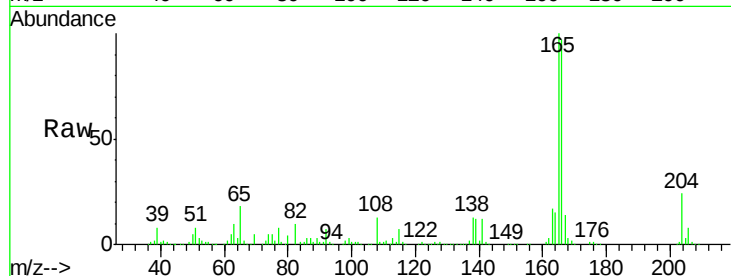




#57
 Fluorene
 Concen: 52.96 ng
 RT: 15.80 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

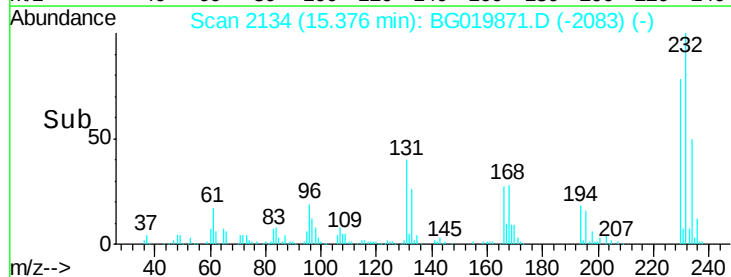
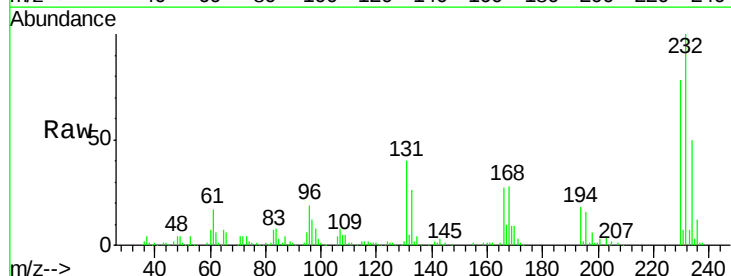
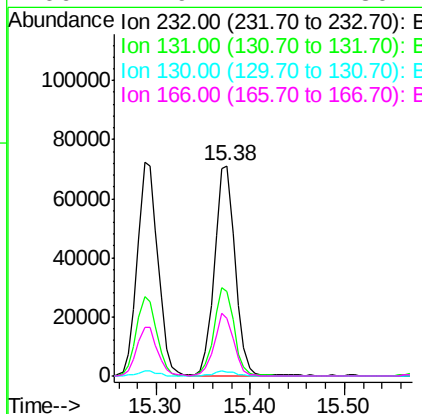
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion:166 Resp: 357746
 Ion Ratio Lower Upper
 166 100
 165 103.1 80.0 120.0
 167 14.4 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.87 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion:232 Resp: 110352
 Ion Ratio Lower Upper
 232 100
 131 40.8 33.0 49.6
 130 2.3 2.0 3.0
 166 27.9 24.1 36.1





#59

Diethylphthalate

Concen: 48.36 ng

RT: 15.57 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

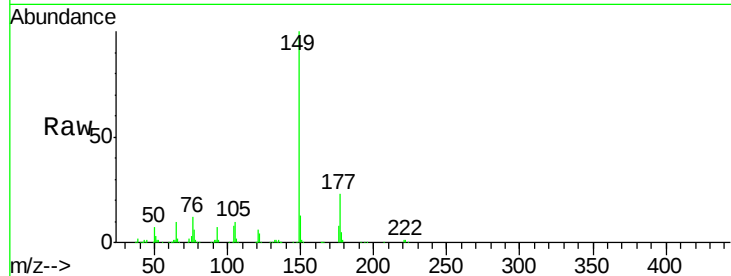
Tgt Ion:149 Resp: 365321

Ion Ratio Lower Upper

149 100

177 22.7 19.6 29.4

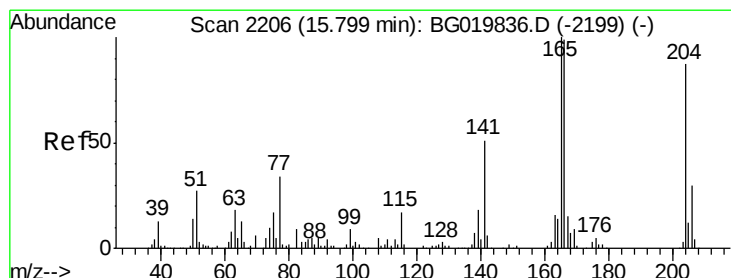
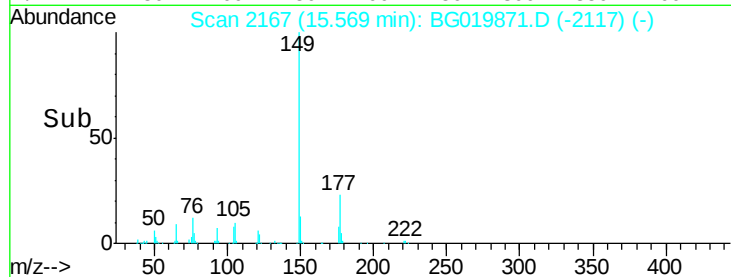
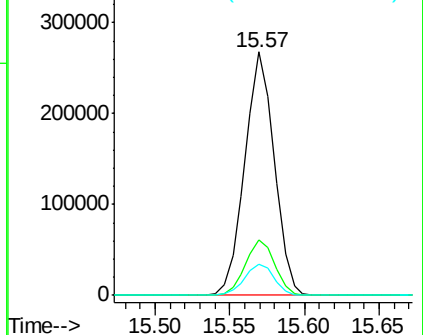
150 12.8 10.2 15.2



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: 49.21 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

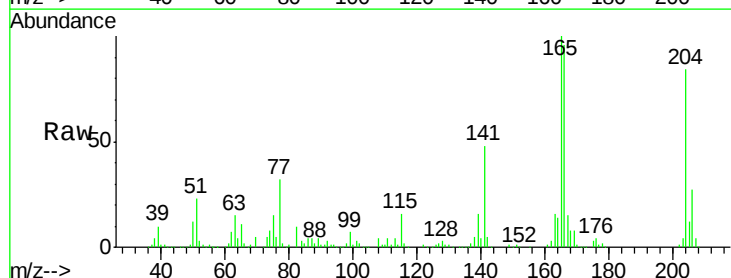
Tgt Ion:204 Resp: 190861

Ion Ratio Lower Upper

204 100

206 32.1 28.3 42.5

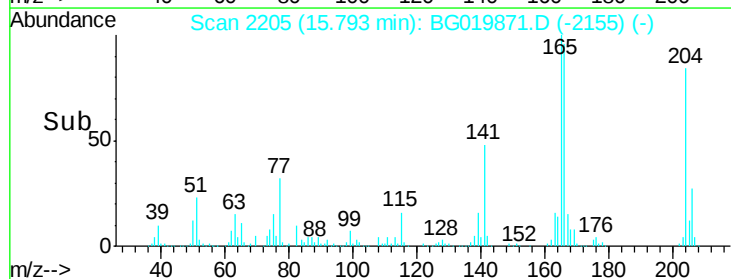
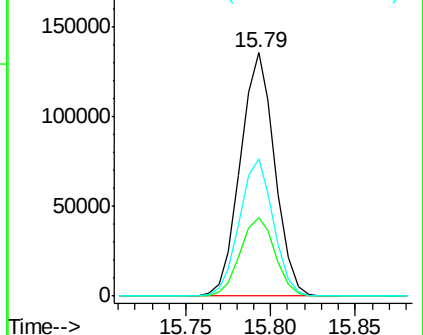
141 56.7 44.0 66.0

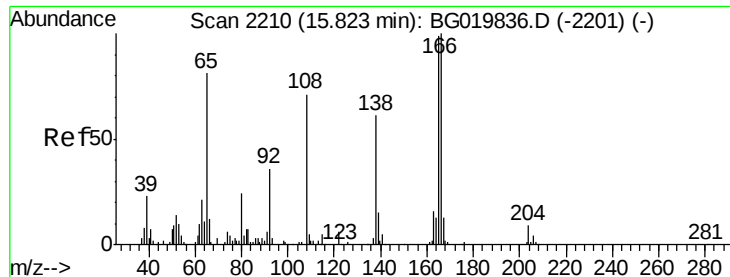


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

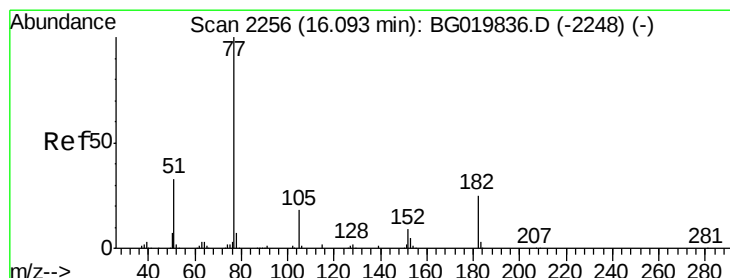
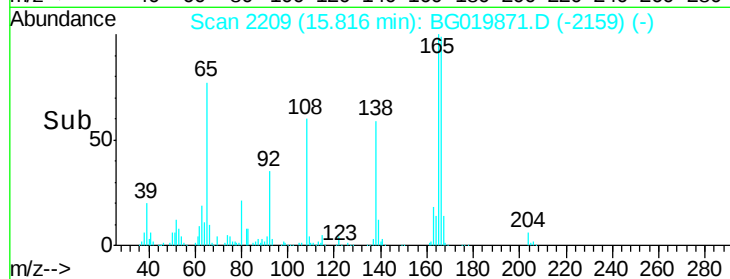
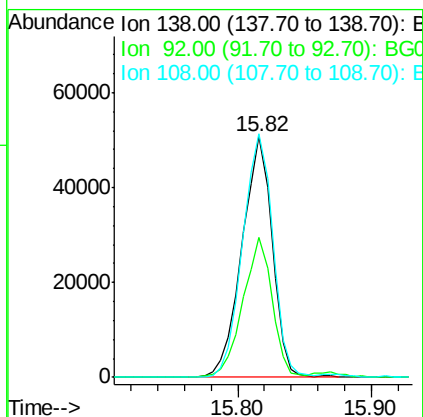
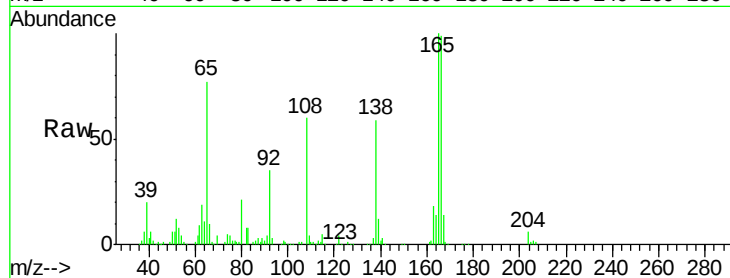




#61
4-Nitroaniline
Concen: 51.73 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

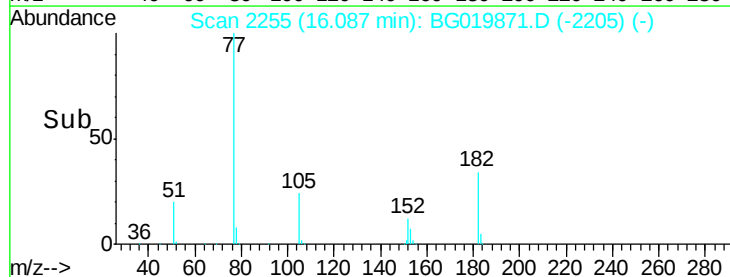
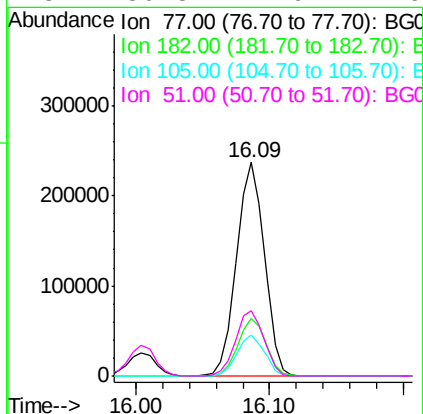
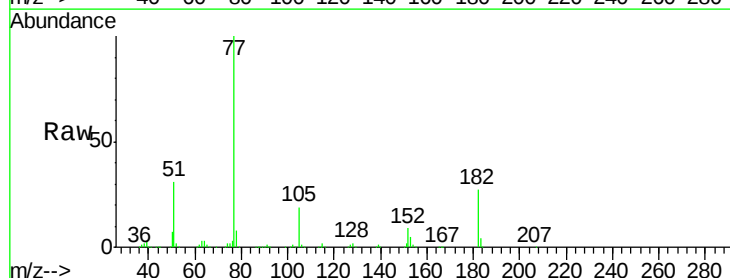
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

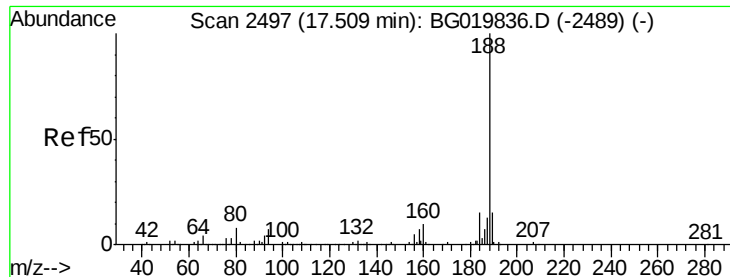
Tgt Ion: 138 Resp: 79316
Ion Ratio Lower Upper
138 100
92 58.4 29.1 69.1
108 101.2 49.8 89.8#



#62
Azobenzene
Concen: 54.70 ng
RT: 16.09 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion: 77 Resp: 343849
Ion Ratio Lower Upper
77 100
182 26.7 7.0 47.0
105 19.3 1.4 41.4
51 30.8 4.9 44.9

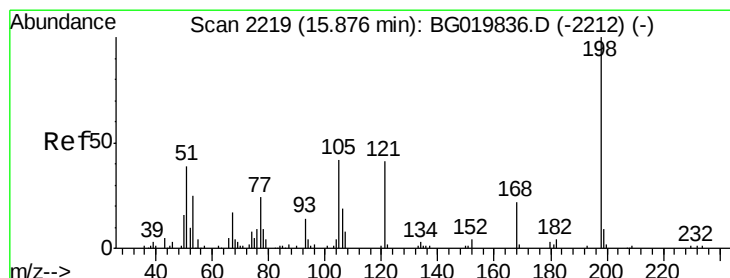
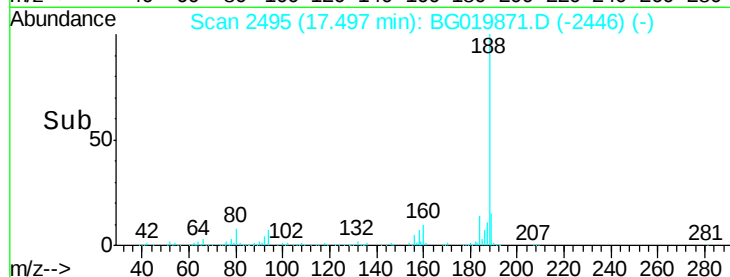
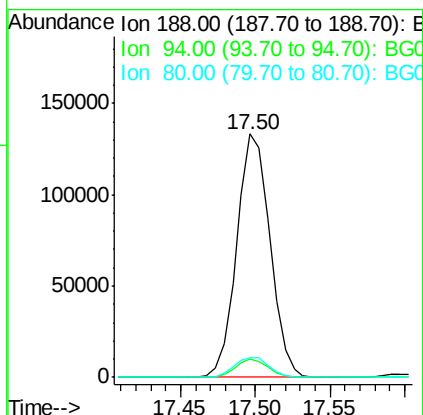
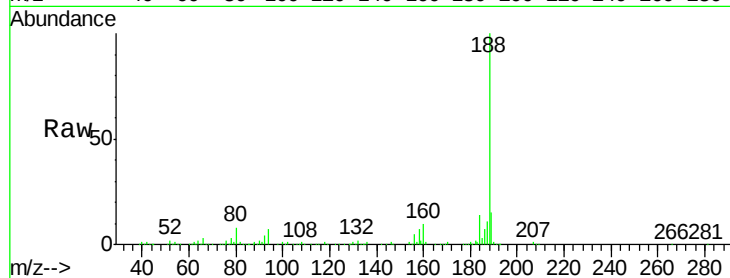




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

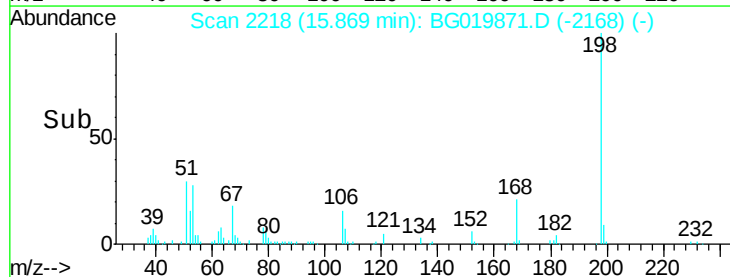
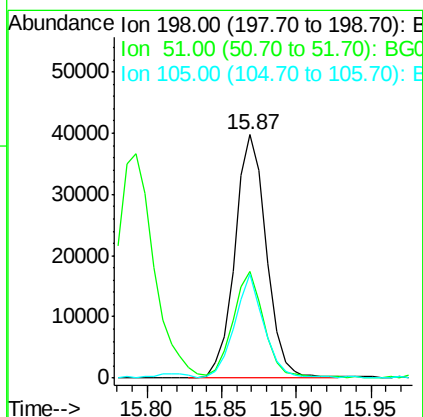
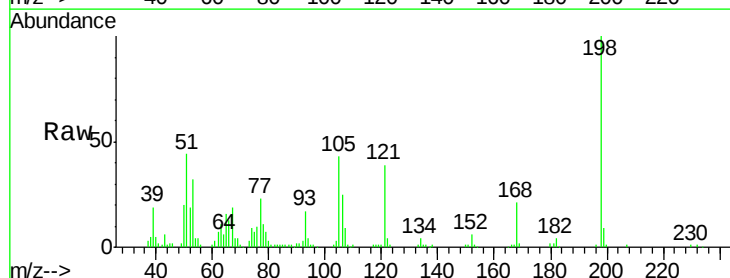
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

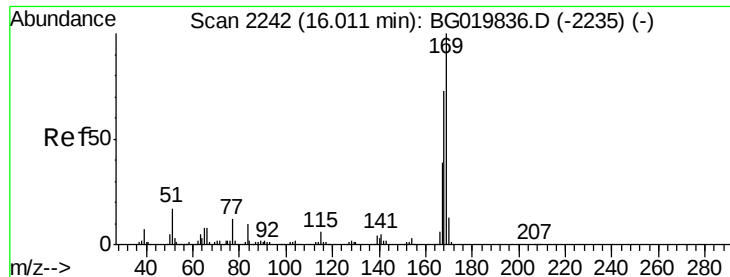
Tgt Ion:188 Resp: 206029
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 8.2 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.03 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion:198 Resp: 58251
Ion Ratio Lower Upper
198 100
51 43.9 14.2 54.2
105 42.7 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 52.10 ng

RT: 16.00 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

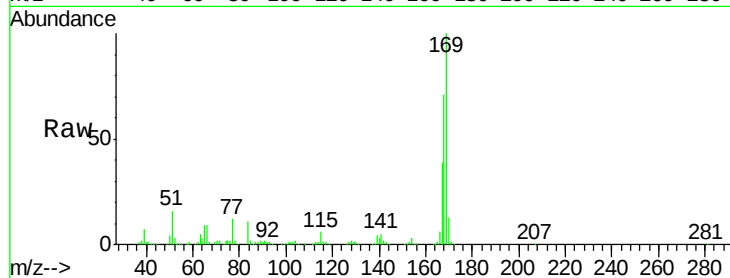
Tgt Ion:169 Resp: 310636

Ion Ratio Lower Upper

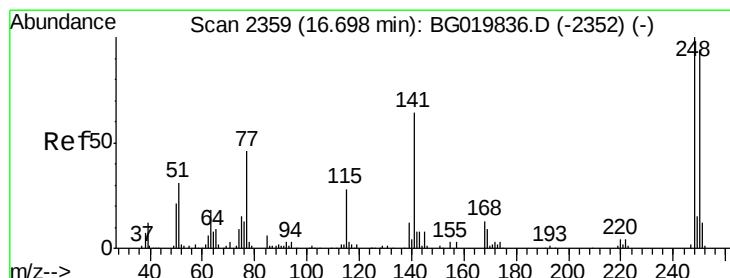
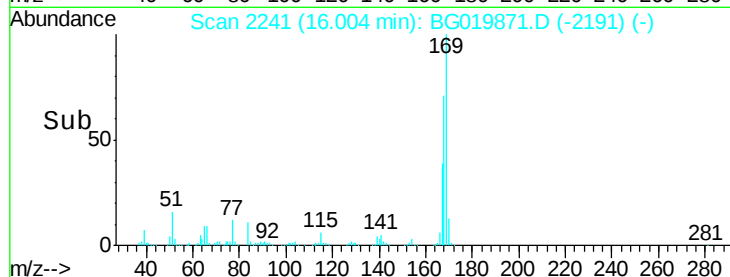
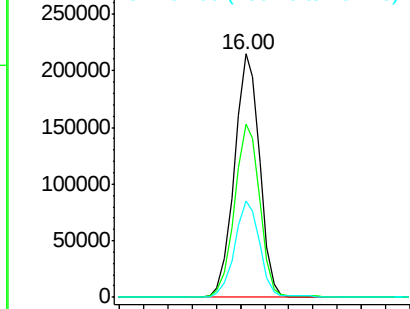
169 100

168 71.1 58.2 87.2

167 39.5 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: 49.89 ng

RT: 16.69 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

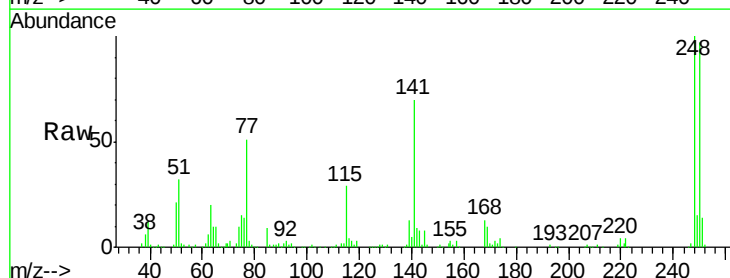
Tgt Ion:248 Resp: 127723

Ion Ratio Lower Upper

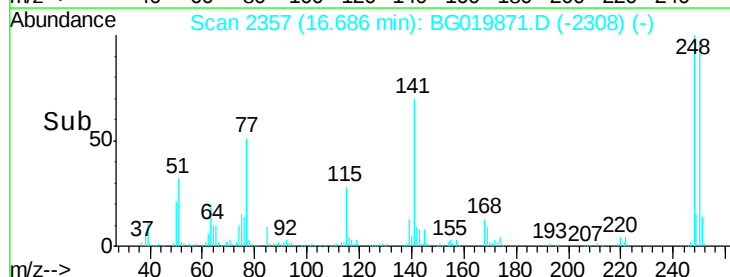
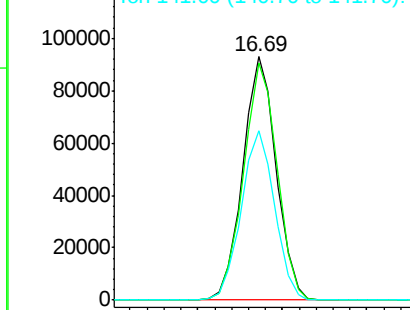
248 100

250 97.4 77.8 116.8

141 69.7 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

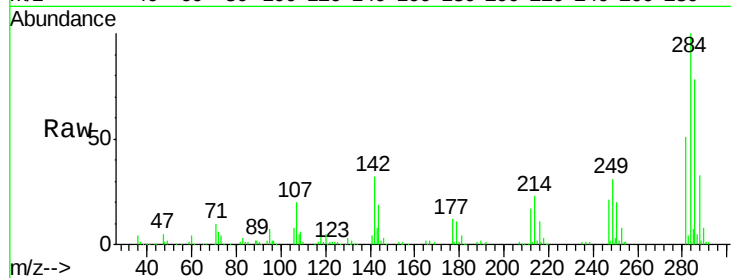




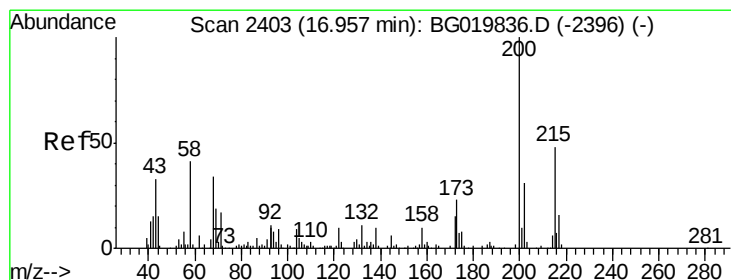
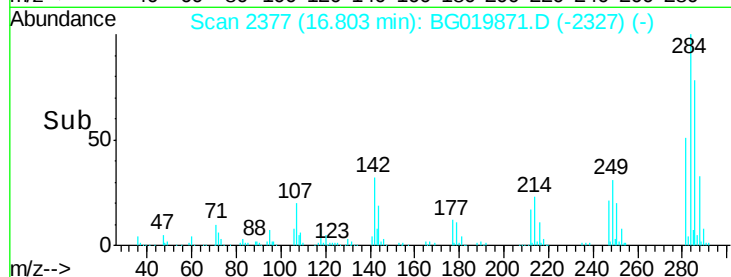
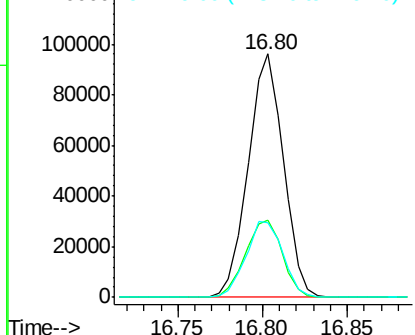
#67
Hexachlorobenzene
Concen: 52.35 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.6	39.8
249	30.9	26.2	39.2

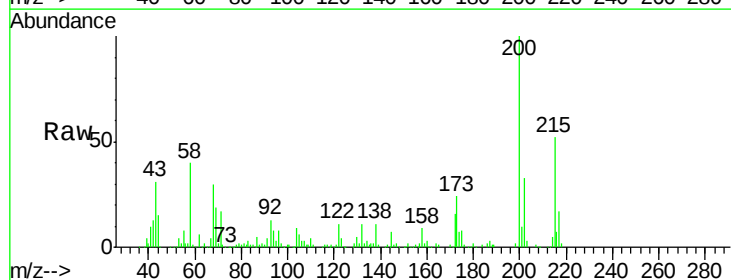


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

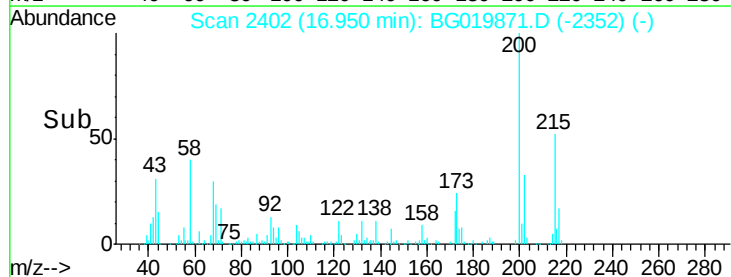
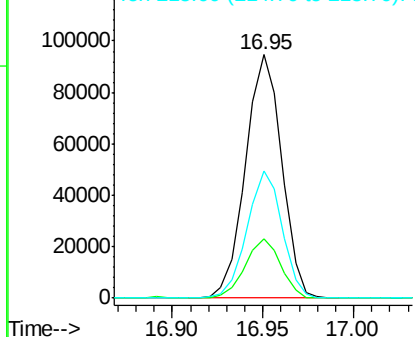


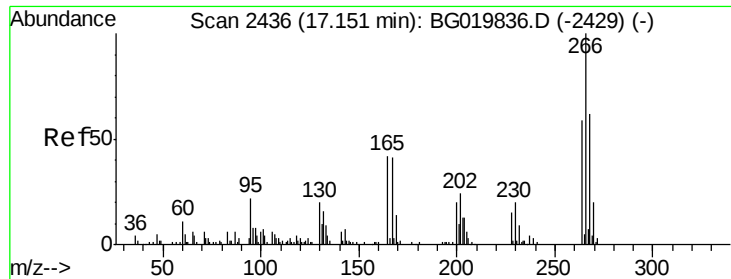
#68
Atrazine
Concen: 50.68 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG019871.D
Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.2	45.2
215	52.2	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

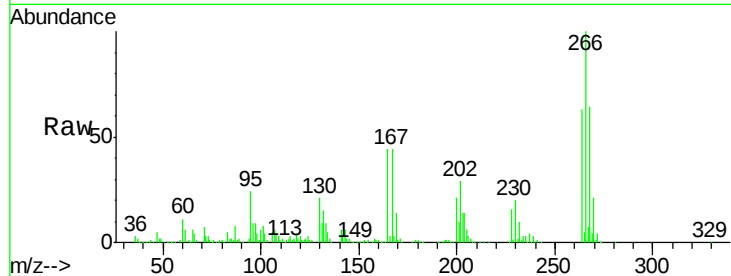




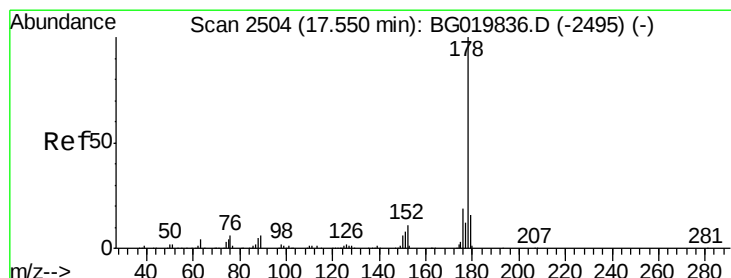
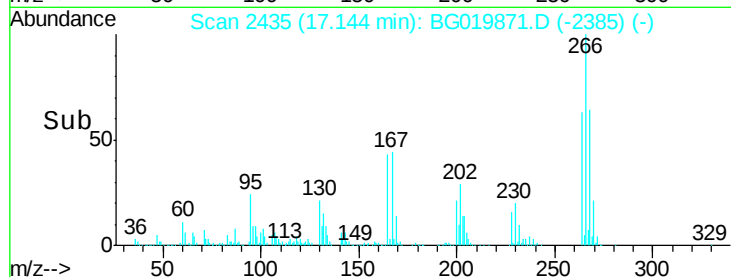
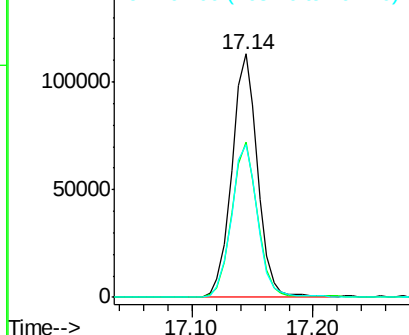
#69
 Pentachlorophenol
 Concen: 108.10 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.6	71.4
264	62.5	48.1	72.1

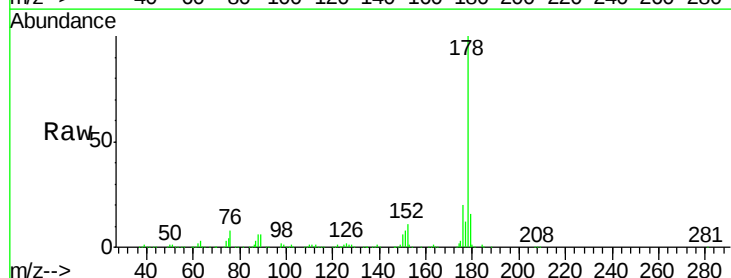


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

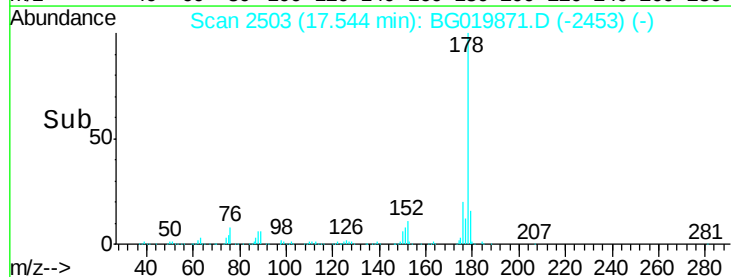
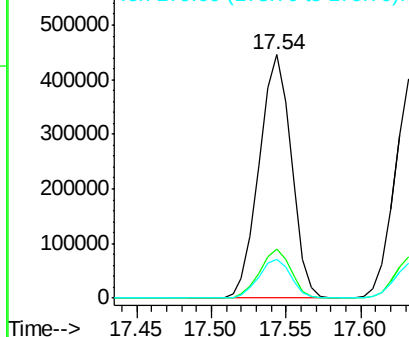


#70
 Phenanthrene
 Concen: 57.04 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.7	25.1
179	16.0	13.9	20.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

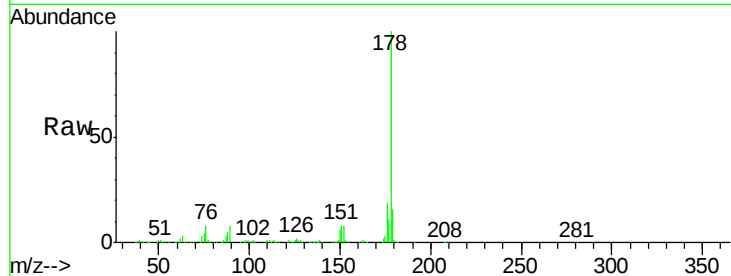




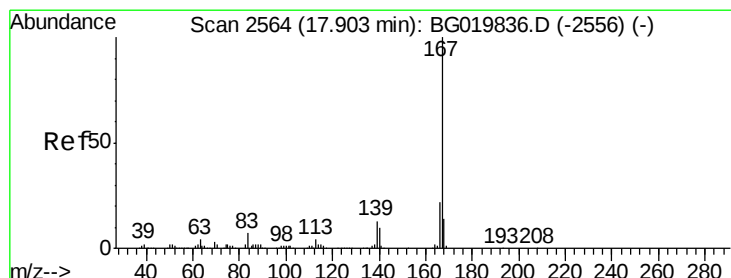
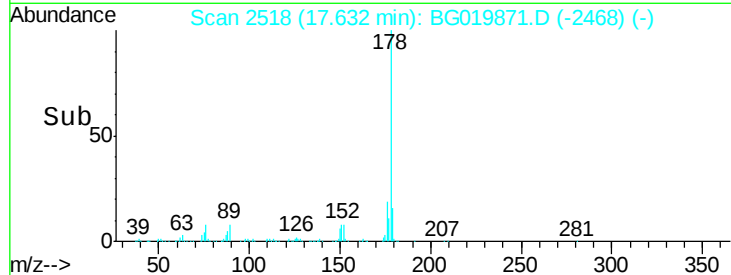
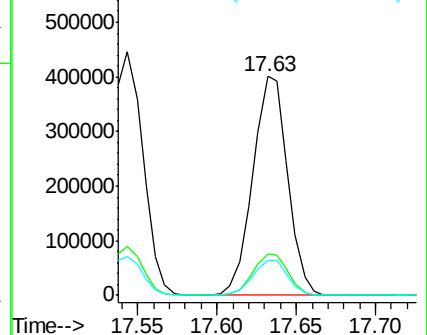
#71
 Anthracene
 Concen: 51.38 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	16.1	13.9	20.9

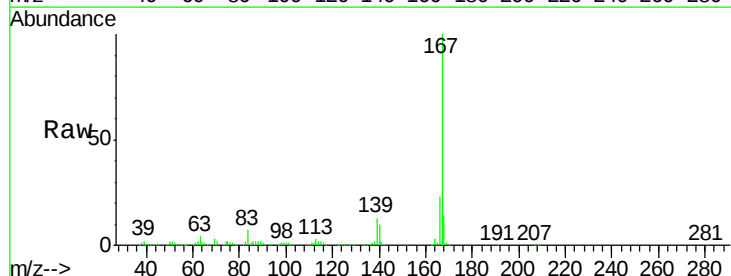


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

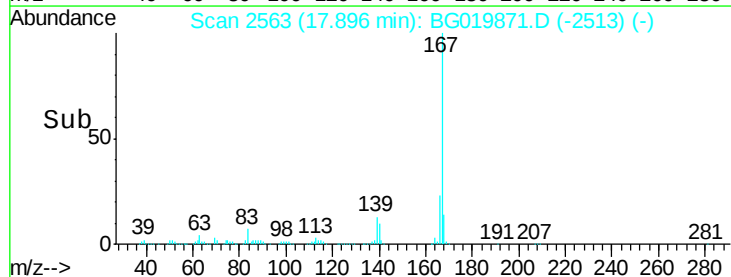
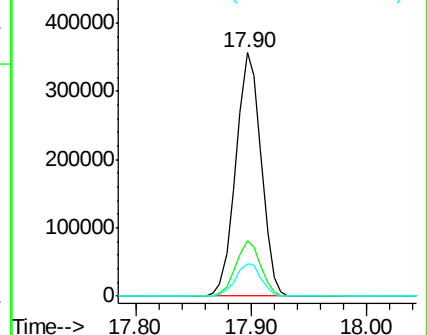


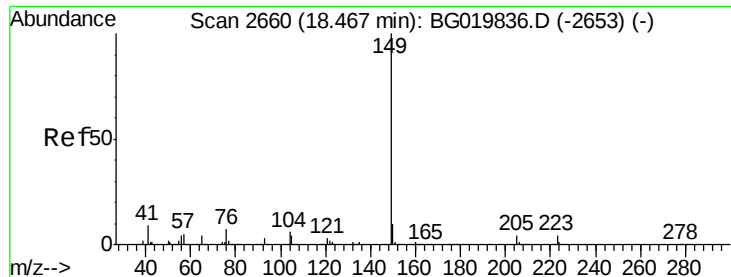
#72
 Carbazole
 Concen: 51.77 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.0	28.6
139	13.2	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: 49.46 ng

RT: 18.45 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

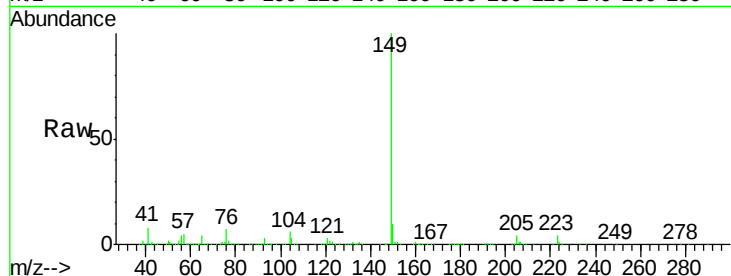
Tgt Ion:149 Resp: 634120

Ion Ratio Lower Upper

149 100

150 10.1 8.2 12.4

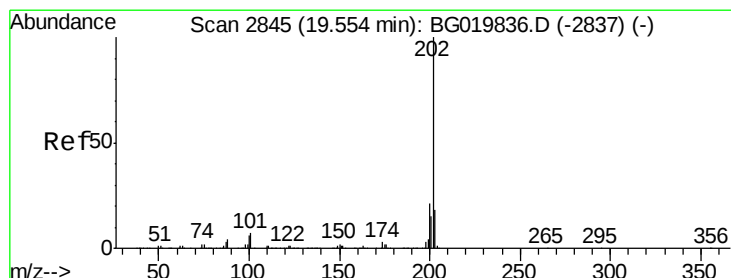
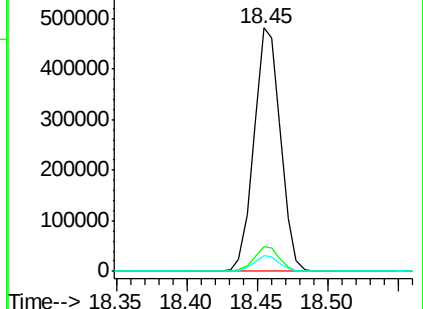
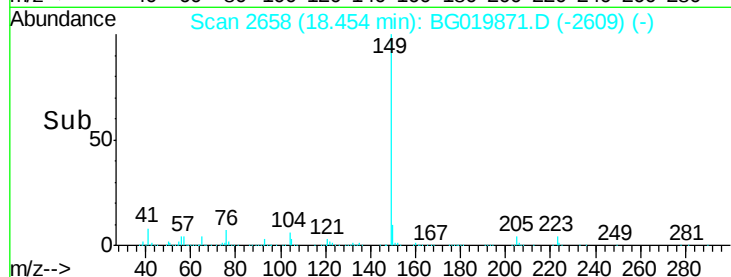
104 6.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.37 ng

RT: 19.55 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

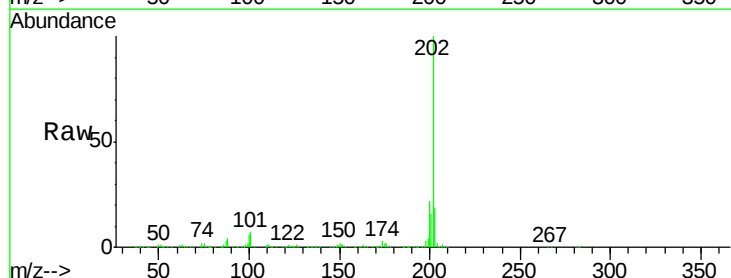
Tgt Ion:202 Resp: 736154

Ion Ratio Lower Upper

202 100

101 7.5 0.0 32.4

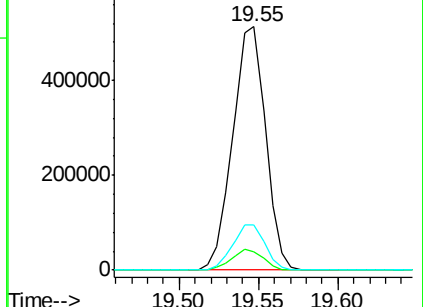
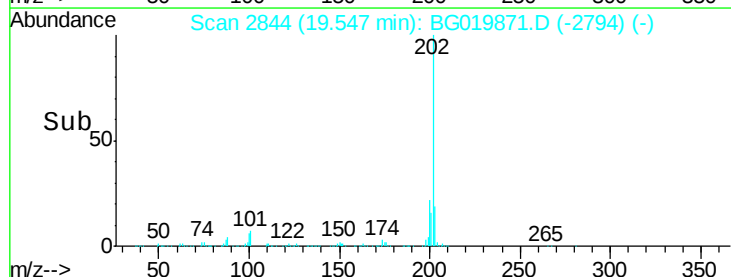
203 18.6 0.0 39.5

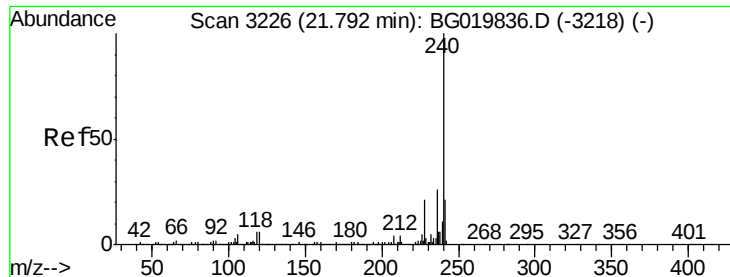


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

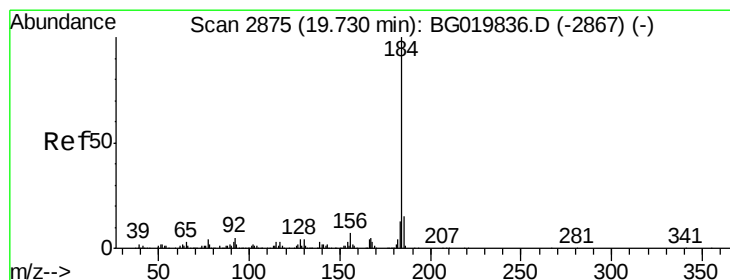
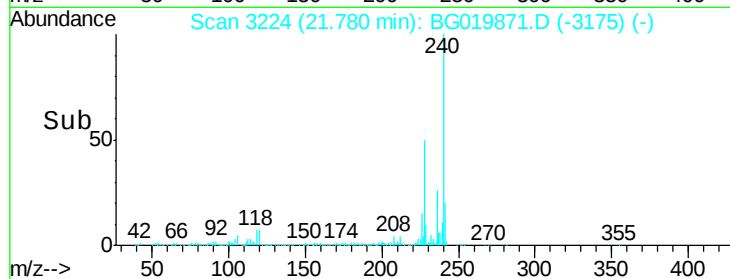
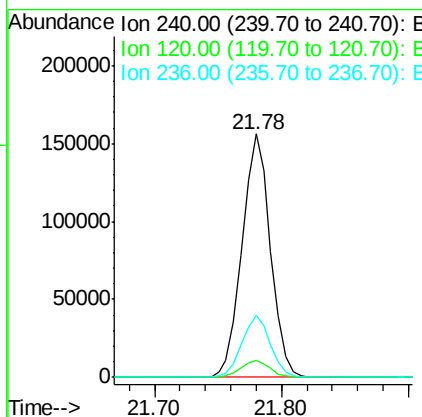
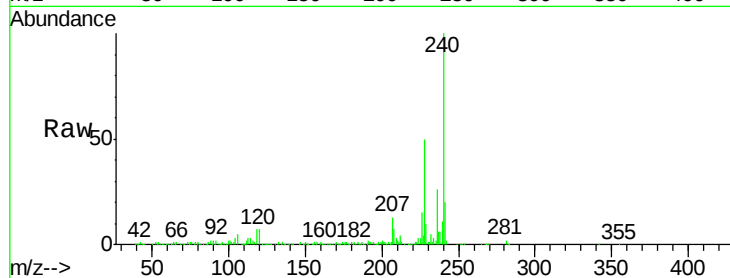
BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

Tgt Ion:240 Resp: 240952

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.4	11.0#
236	25.5	20.7	31.1



#76

Benzidine

Concen: 8.35 ng

RT: 19.72 min Scan# 2873

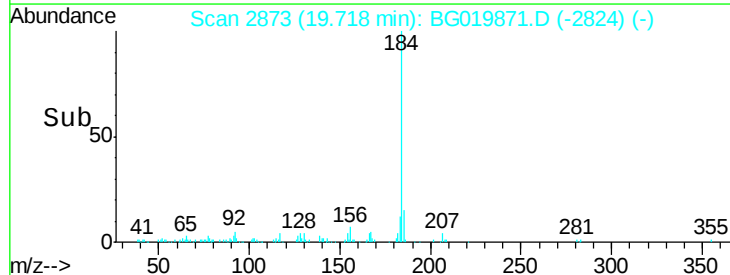
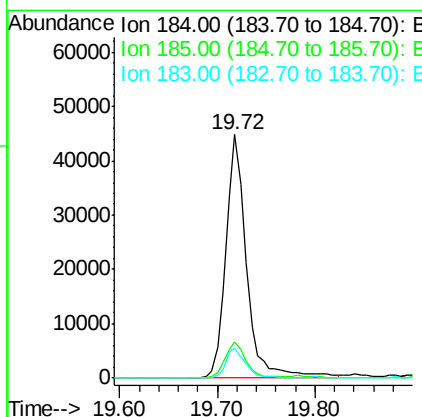
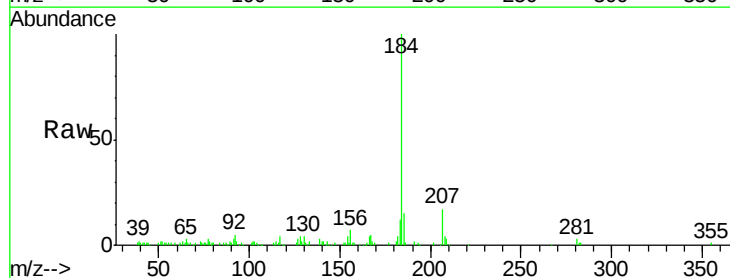
Delta R.T. -0.01 min

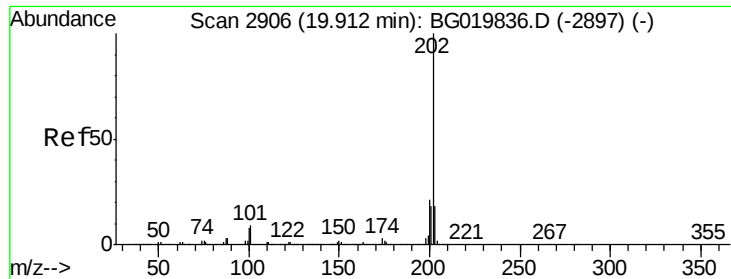
Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:184 Resp: 66119

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.4	20.2
183	12.2	10.1	15.1

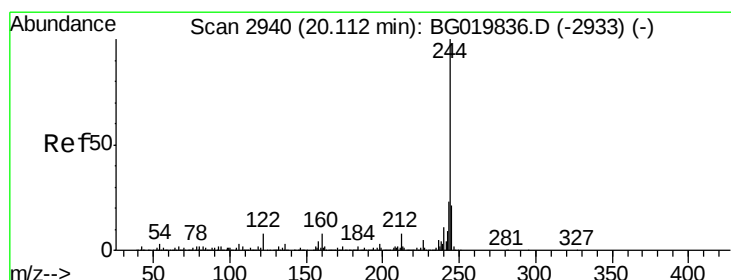
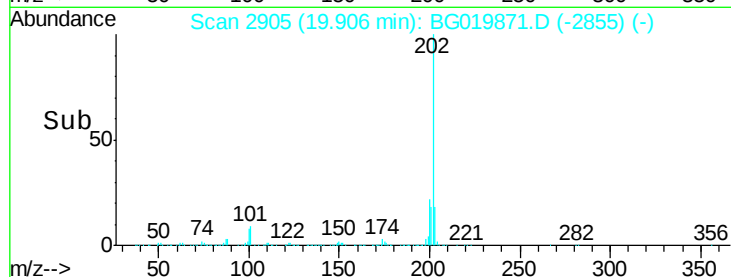
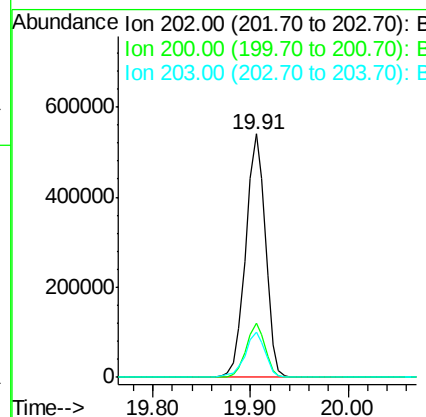
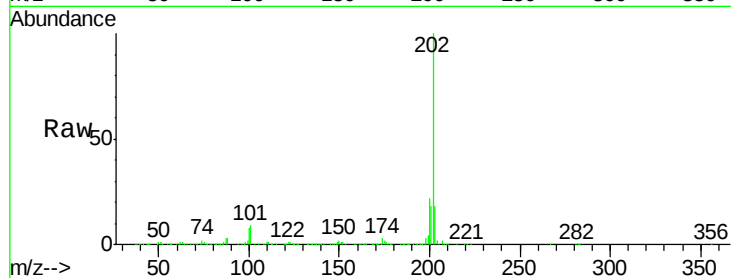




#77
 Pyrene
 Concen: 53.64 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

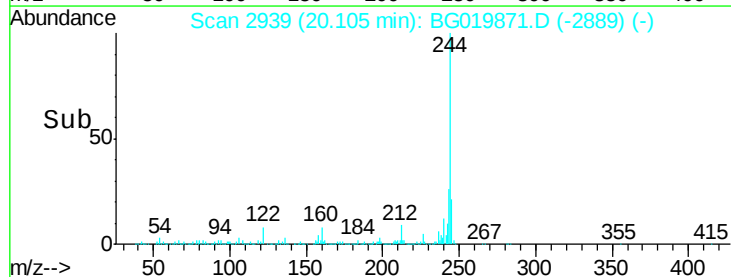
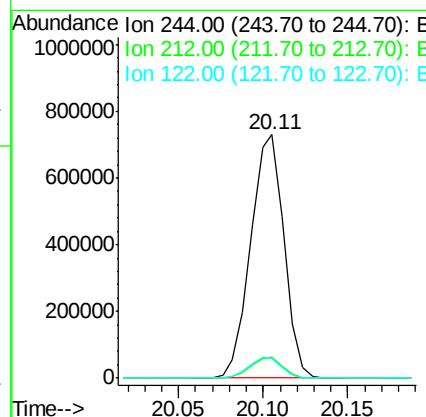
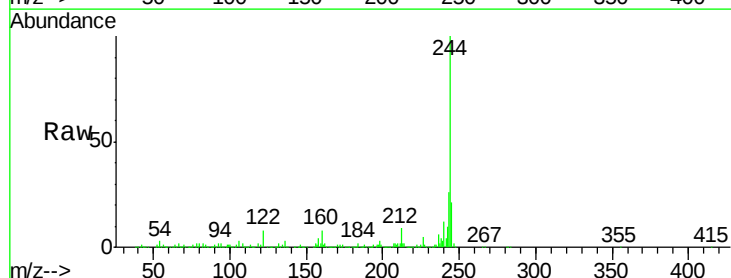
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

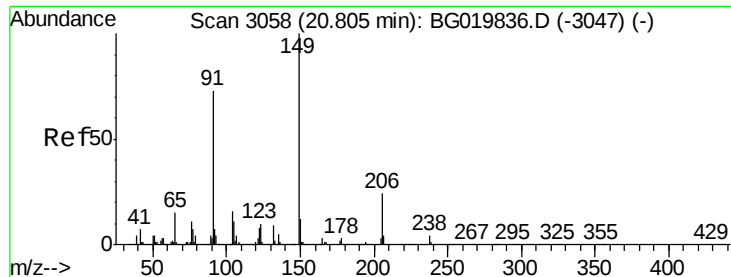
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.4	29.0
203	18.5	15.5	23.3



#78
 Terphenyl-d14
 Concen: 101.05 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	8.2	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 52.32 ng

RT: 20.79 min Scan# 3056

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

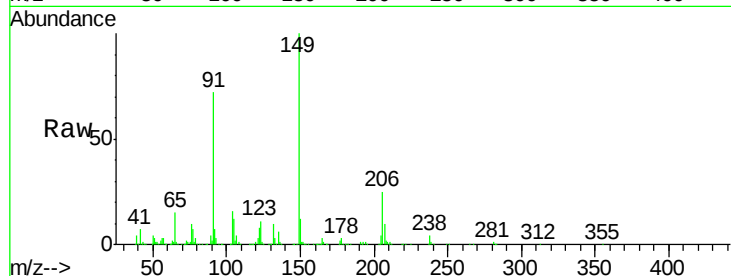
Tgt Ion:149 Resp: 290682

Ion Ratio Lower Upper

149 100

91 71.9 58.1 87.1

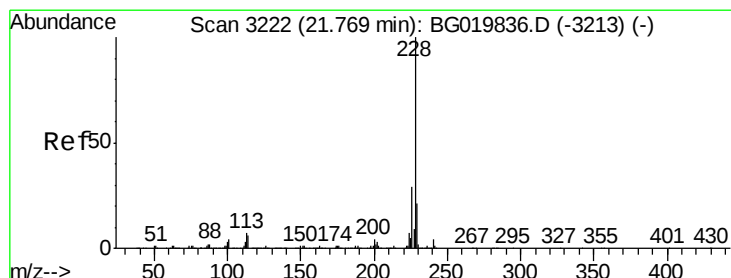
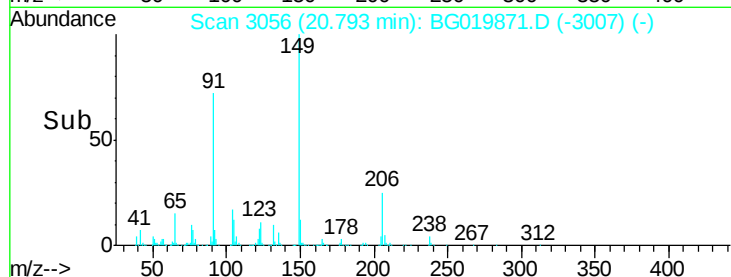
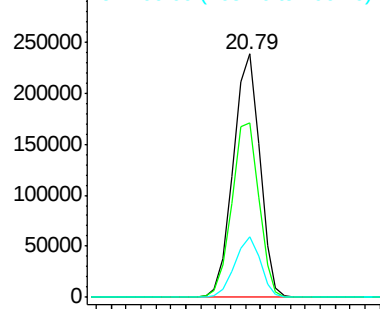
206 24.9 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.29 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

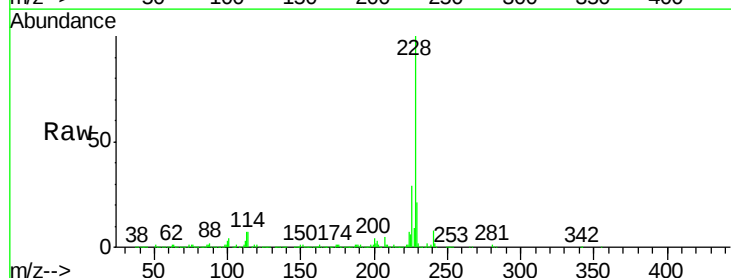
Tgt Ion:228 Resp: 756459

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

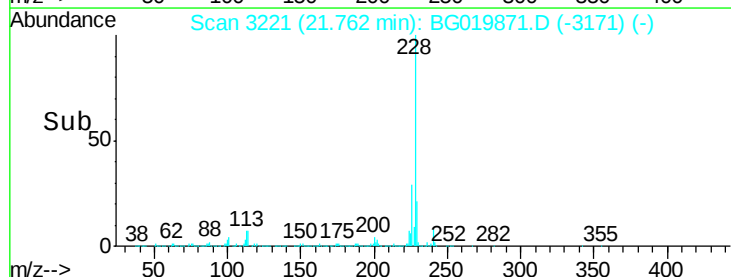
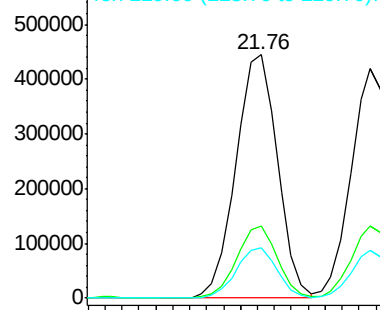
229 20.5 16.6 25.0

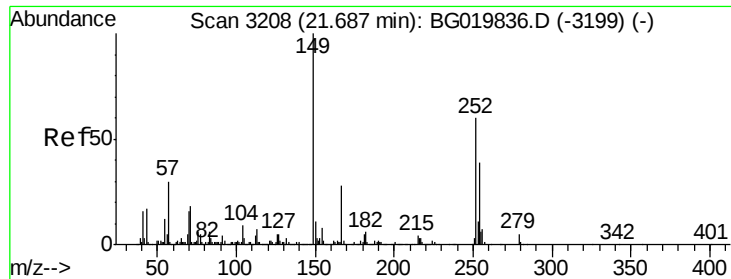


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

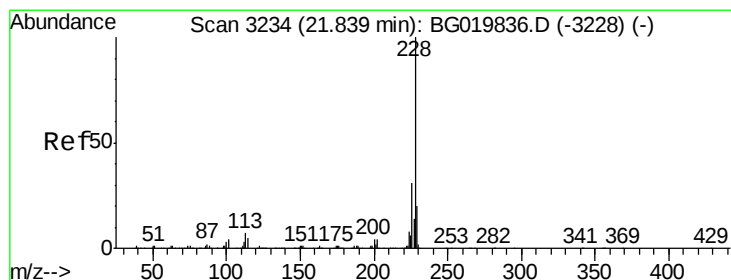
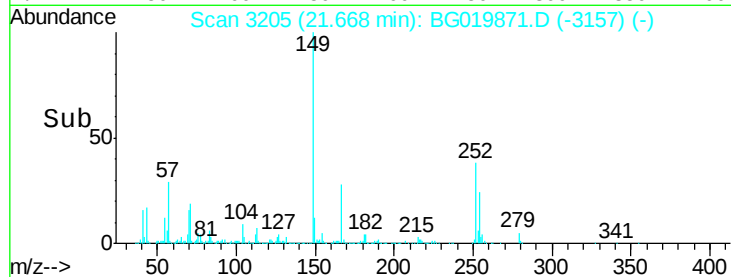
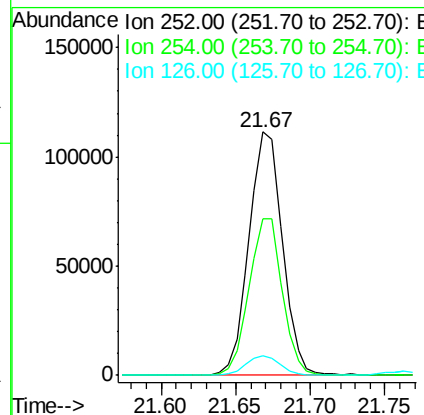
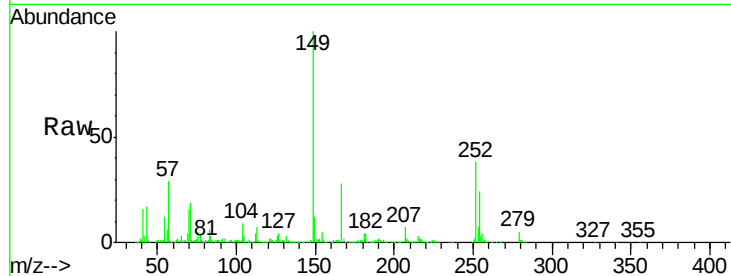




#81
 3,3'-Dichlorobenzidine
 Concen: 30.77 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

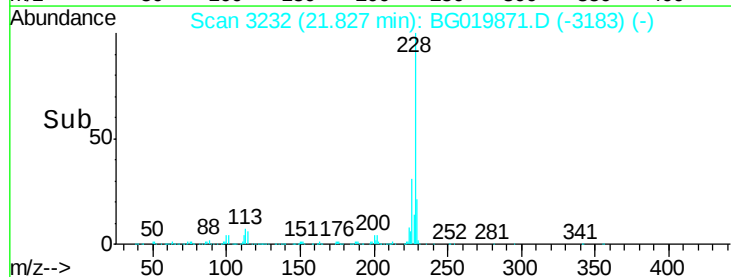
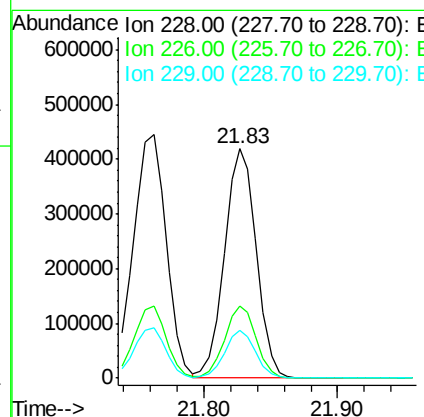
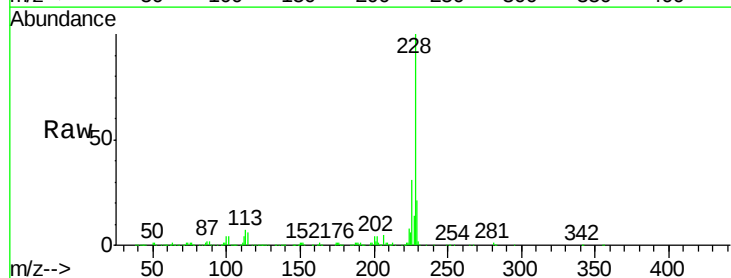
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

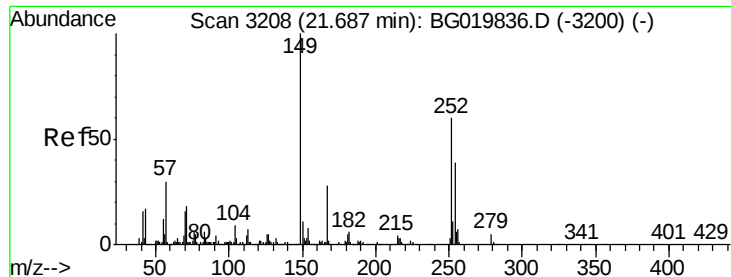
Tgt Ion: 252 Resp: 172866
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.5 78.7
 126 8.1 8.5 12.7#



#82
 Chrysene
 Concen: 49.66 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion: 228 Resp: 695423
 Ion Ratio Lower Upper
 228 100
 226 31.3 26.7 40.1
 229 20.9 17.0 25.6

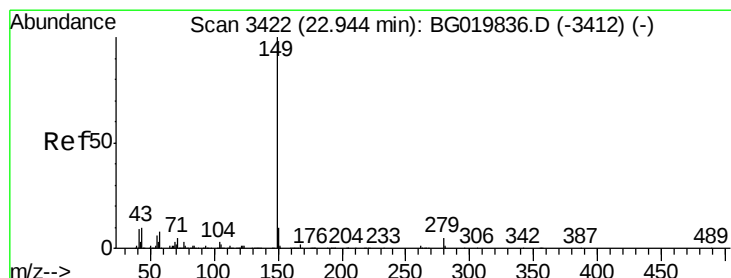
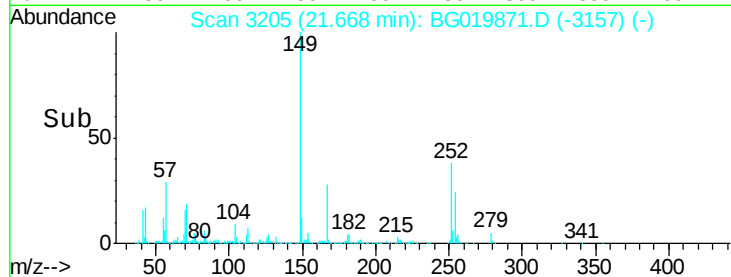
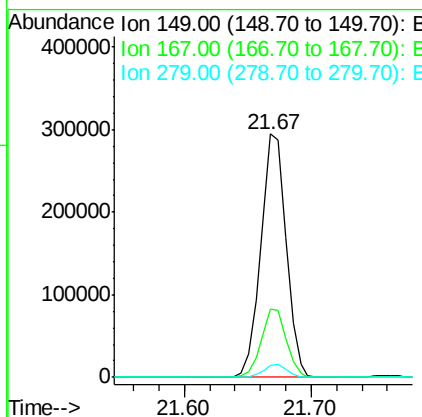
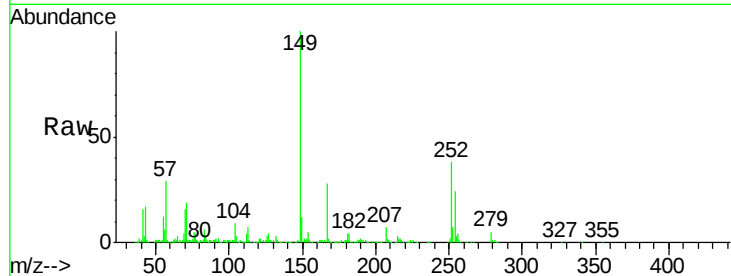




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.47 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

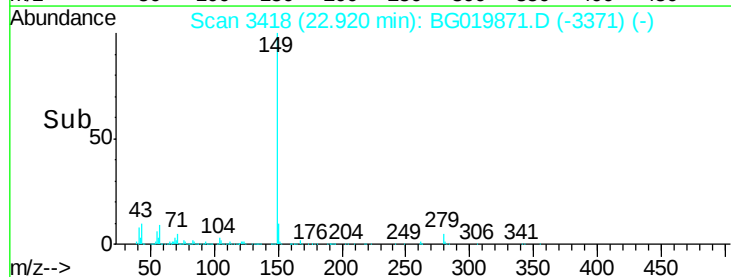
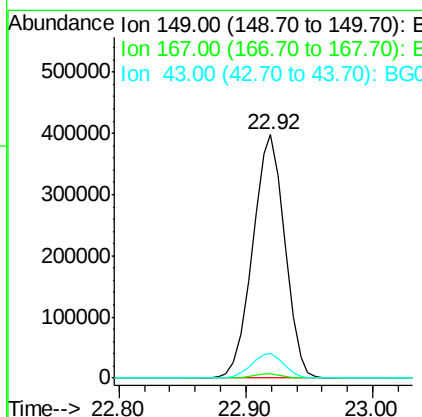
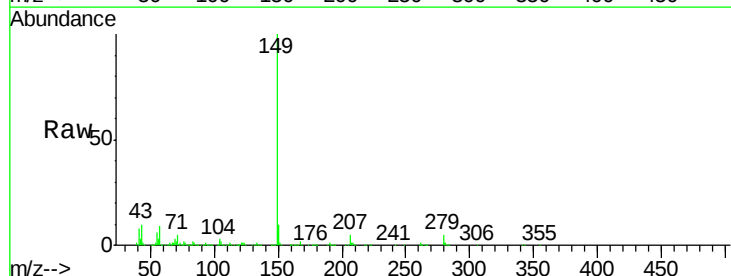
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

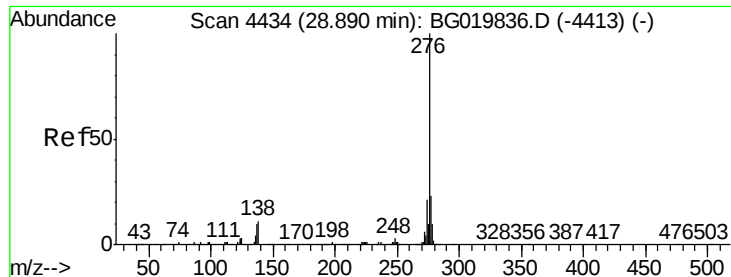
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.8	35.8
279	5.1	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 52.81 ng
 RT: 22.92 min Scan# 3418
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.1	5.9	8.9

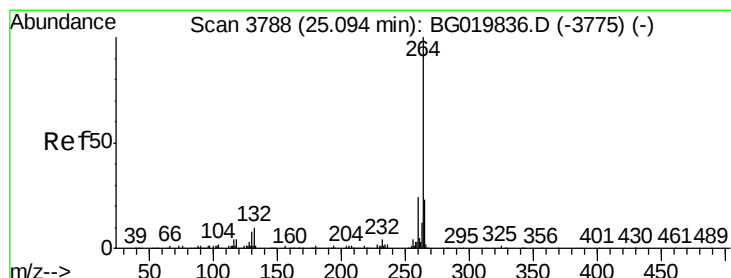
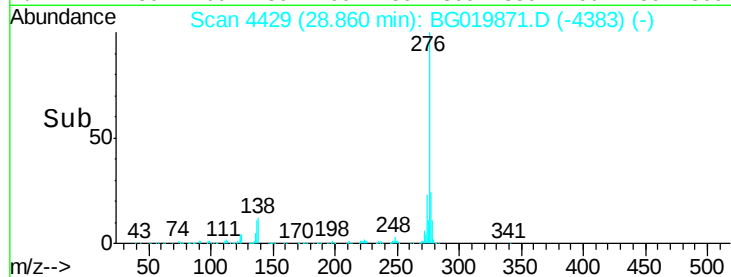
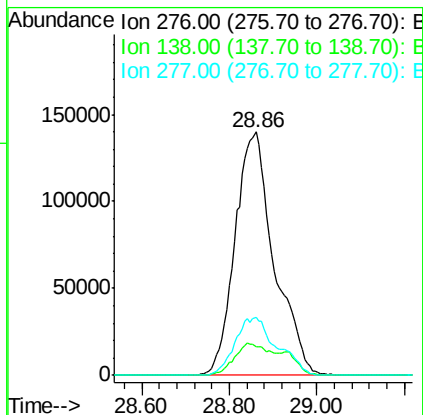
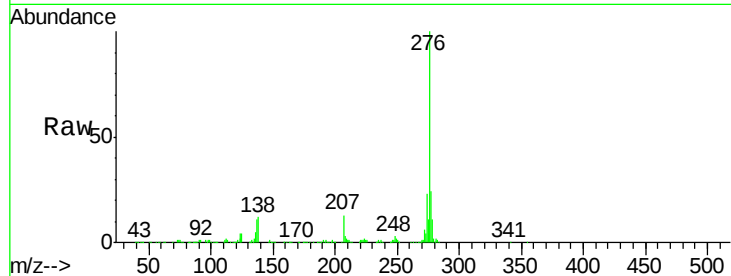




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.91 ng
 RT: 28.86 min Scan# 4429
 Delta R.T. -0.03 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

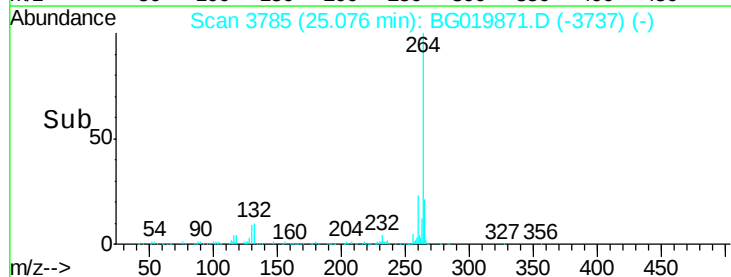
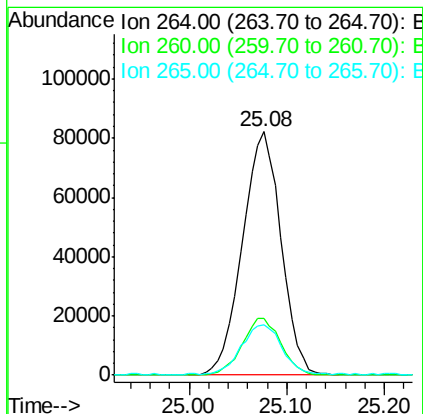
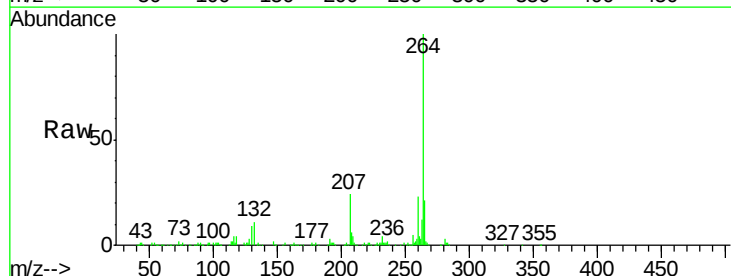
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

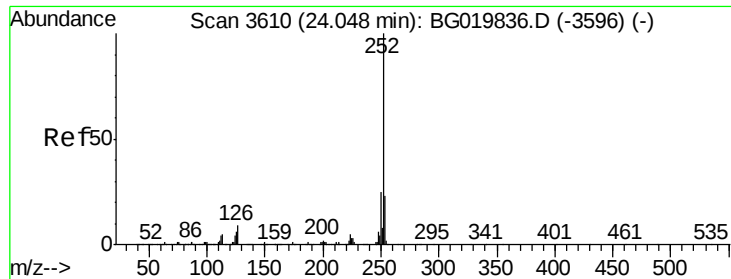
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	0.0	0.0#
277	10.2	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.08 min Scan# 3785
 Delta R.T. -0.02 min
 Lab File: BG019871.D
 Acq: 3 Dec 2015 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 51.79 ng

RT: 24.03 min Scan# 3607

Delta R.T. -0.02 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

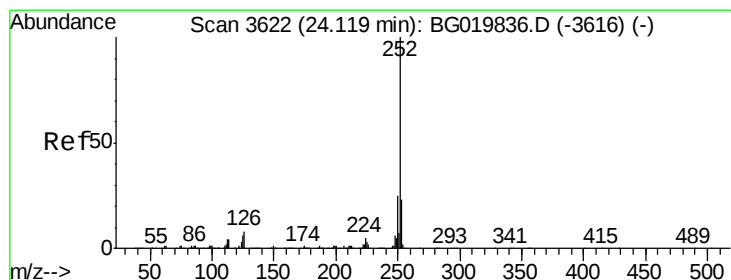
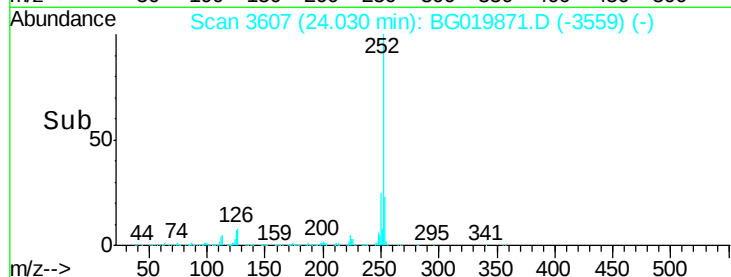
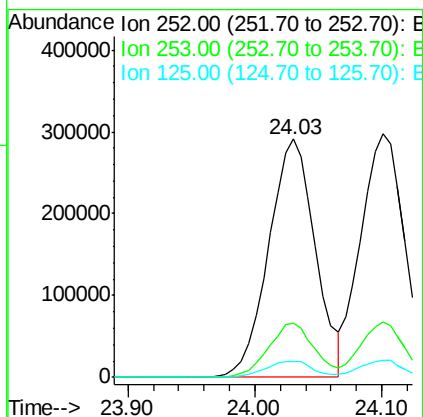
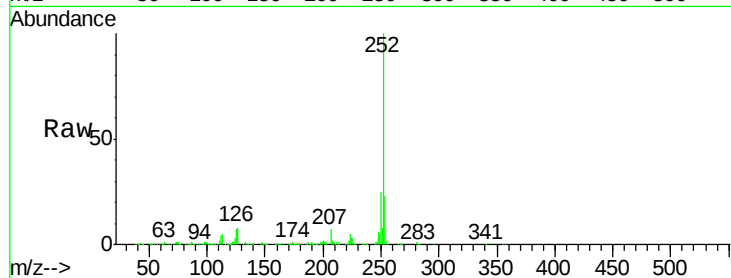
Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

Tgt Ion:	252	Resp:	742924
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.1	28.7
125	6.8	8.9	13.3#



#88

Benzo(k)fluoranthene

Concen: 49.96 ng

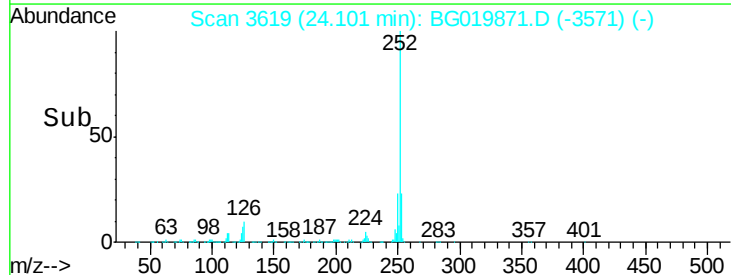
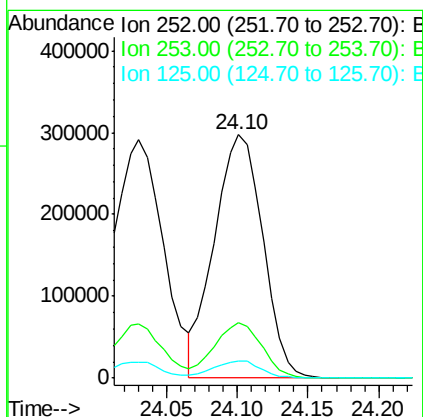
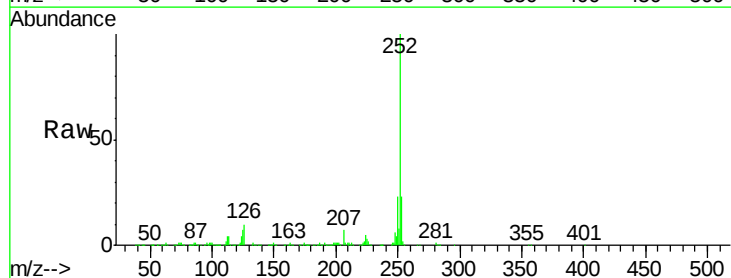
RT: 24.10 min Scan# 3619

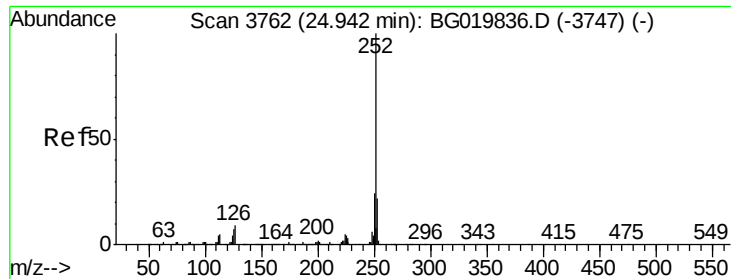
Delta R.T. -0.02 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Tgt Ion:	252	Resp:	709795
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.0	28.4
125	7.2	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 52.60 ng

RT: 24.93 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD

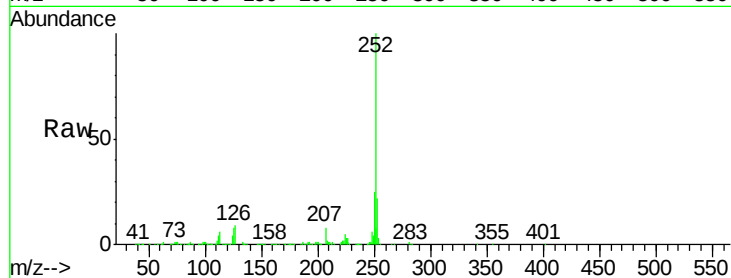
Tgt Ion:252 Resp: 716372

Ion Ratio Lower Upper

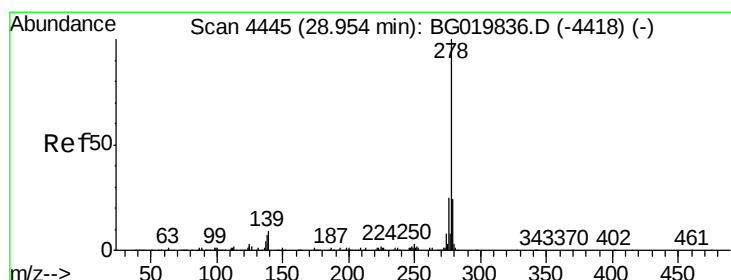
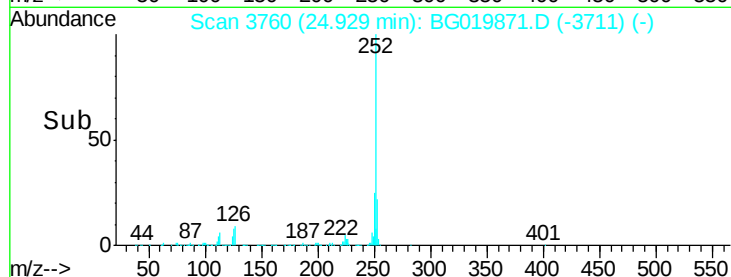
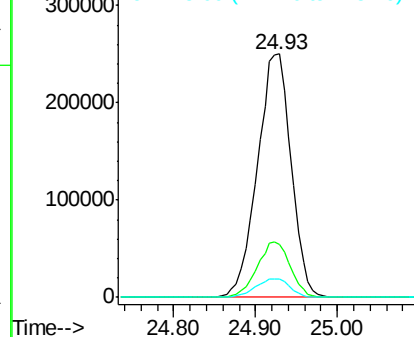
252 100

253 21.8 18.7 28.1

125 7.8 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: 52.01 ng

RT: 28.93 min Scan# 4441

Delta R.T. -0.02 min

Lab File: BG019871.D

Acq: 3 Dec 2015 15:22

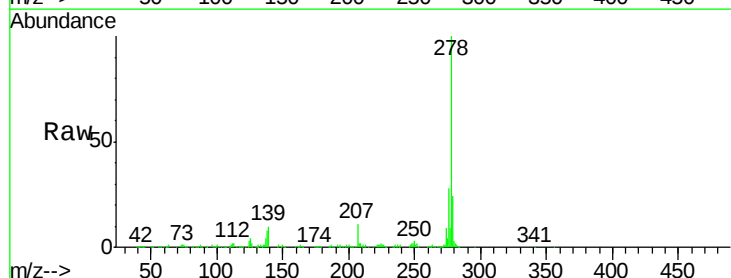
Tgt Ion:278 Resp: 699831

Ion Ratio Lower Upper

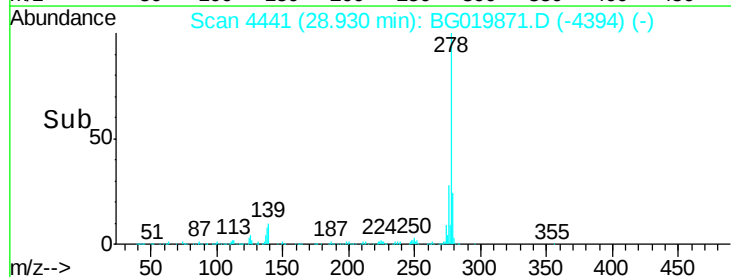
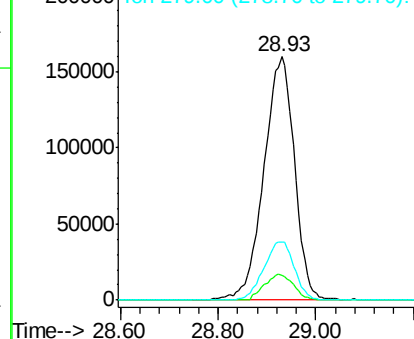
278 100

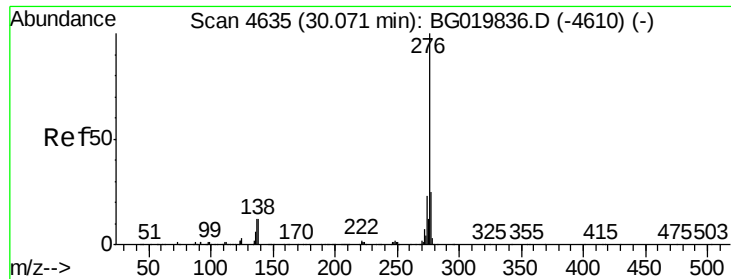
139 10.2 13.8 20.6#

279 23.7 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(g,h,i)perylene

Concen: 53.02 ng

RT: 30.03 min Scan# 4629

Delta R.T. -0.04 min

Lab File: BG019871.D

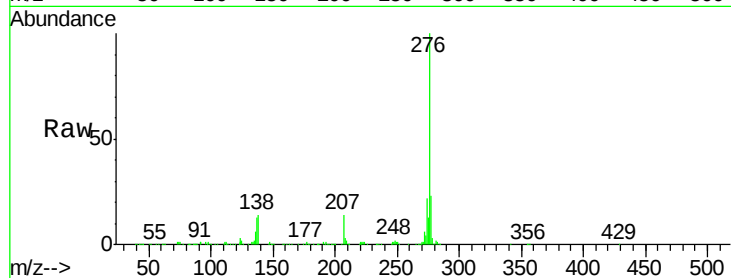
Acq: 3 Dec 2015 15:22

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MSD



Tgt Ion:	276	Resp:	700521
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	14.1	17.4	26.0

