

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019938.D
 Acq On : 5 Dec 2015 12:30
 Operator : UM/NP
 Sample : PB86993BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Quant Time: Dec 07 04:08:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31444	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	135659	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	98413	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	246689	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	298640	20.00	ng	-0.03
86) Perylene-d12	25.04	264	279680	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	227356	130.68	ng	-0.01
7) Phenol-d6	7.26	99	332029	126.40	ng	-0.01
23) Nitrobenzene-d5	9.28	82	213173	80.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	166676	110.69	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	518337	71.92	ng	-0.02
78) Terphenyl-d14	20.09	244	919744	75.12	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	22071	32.56	ng	# 100
3) Pyridine	3.92	79	69969	33.99	ng	# 81
4) n-Nitrosodimethylamine	3.84	42	36957	34.14	ng	79
6) Aniline	7.43	93	78246	23.00	ng	# 82
8) 2-Chlorophenol	7.68	128	86624	40.83	ng	95
9) Benzaldehyde	7.25	77	31610	18.05	ng	91
10) Phenol	7.29	94	119552	43.24	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	77454	37.83	ng	90
12) 1,3-Dichlorobenzene	8.00	146	86997	36.18	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	87796	35.35	ng	93
14) 1,2-Dichlorobenzene	8.47	146	86478	36.51	ng	92
15) Benzyl Alcohol	8.35	79	91609	39.74	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	121085	36.26	ng	93
17) 2-Methylphenol	8.55	107	81439	41.73	ng	# 91
18) Hexachloroethane	9.21	117	33257	35.76	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	74246	35.84	ng	92
20) 3+4-Methylphenols	8.88	107	111640	40.62	ng	93
22) Acetophenone	8.94	105	130153	35.00	ng	# 93
24) Nitrobenzene	9.32	77	112477	39.01	ng	# 88
25) Isophorone	9.85	82	200108	35.11	ng	96
26) 2-Nitrophenol	10.04	139	46932	42.14	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	92185	39.75	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	114354	41.07	ng	99
29) 2,4-Dichlorophenol	10.58	162	98562	41.60	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	95677	35.73	ng	96
31) Naphthalene	10.99	128	274857	37.82	ng	98
32) Benzoic acid	10.21	122	65033	42.41	ng	88
33) 4-Chloroaniline	11.09	127	41917	13.09	ng	# 92
34) Hexachlorobutadiene	11.27	225	67804	34.33	ng	97
35) Caprolactam	11.86	113	23197	26.30	ng	# 75
36) 4-Chloro-3-methylphenol	12.20	107	116378	39.44	ng	95
37) 2-Methylnaphthalene	12.59	142	206609	38.79	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	129359	34.64	ng	99
40) Hexachlorocyclopentadiene	12.93	237	147525	69.28	ng	99

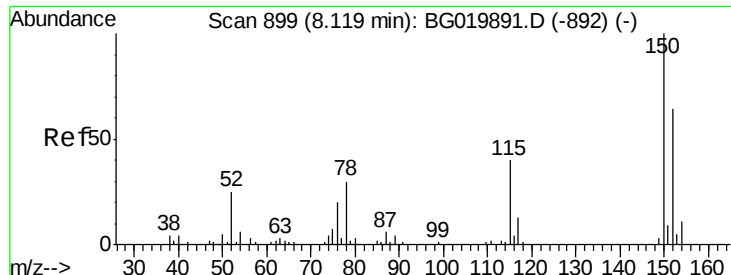
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	92502	37.41	nq	100
43) 2,4,5-Trichlorophenol	13.25	196	99942	38.24	nq	95
45) 1,1'-Biphenyl	13.58	154	277770	34.39	nq	99
46) 2-Chloronaphthalene	13.63	162	222459	35.73	nq	93
47) 2-Nitroaniline	13.82	65	83672	42.55	nq	85
48) Acenaphthylene	14.47	152	372834	35.16	nq	99
49) Dimethylphthalate	14.20	163	311737	35.21	nq	98
50) 2,6-Dinitrotoluene	14.31	165	68397	41.09	nq	# 79
51) Acenaphthene	14.81	154	267728	41.61	nq	98
52) 3-Nitroaniline	14.64	138	43994	25.44	nq	96
53) 2,4-Dinitrophenol	14.85	184	72928	82.07	nq	97
54) Dibenzofuran	15.14	168	377042	39.39	nq	92
55) 4-Nitrophenol	14.94	139	116015	77.04	nq	# 66
56) 2,4-Dinitrotoluene	15.10	165	98367	42.36	nq	# 91
57) Fluorene	15.79	166	302254	35.28	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	99199	41.02	nq	97
59) Diethylphthalate	15.56	149	326399	34.07	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	167044	33.96	nq	98
61) 4-Nitroaniline	15.80	138	72691	37.38	nq	# 73
62) Azobenzene	16.08	77	310707	38.97	nq	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	57420	42.27	nq	92
65) n-Nitrosodiphenylamine	15.99	169	275641	38.61	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	110926	36.19	nq	96
67) Hexachlorobenzene	16.79	284	120058	37.60	nq	98
68) Atrazine	16.94	200	116624	37.60	nq	94
69) Pentachlorophenol	17.13	266	154303	82.79	nq	94
70) Phenanthrene	17.53	178	525434	37.65	nq	96
71) Anthracene	17.62	178	533811	37.55	nq	97
72) Carbazole	17.88	167	479305	38.27	nq	98
73) Di-n-butylphthalate	18.44	149	565198	36.82	nq	99
74) Fluoranthene	19.53	202	664871	37.24	nq	95
76) Benzidine	19.71	184	187257	19.09	nq	97
77) Pyrene	19.89	202	680020	38.70	nq	96
79) Butylbenzylphthalate	20.78	149	270563	39.29	nq	99
80) Benzo(a)anthracene	21.74	228	694307	37.98	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	142767	20.51	nq	98
82) Chrysene	21.81	228	634824	36.57	nq	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	387815	38.37	nq	96
84) Di-n-octyl phthalate	22.88	149	665112	40.48	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	771126	40.33	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	678940	38.30	nq	# 96
88) Benzo(k)fluoranthene	24.07	252	642303	36.59	nq	# 95
89) Benzo(a)pyrene	24.89	252	654173	38.87	nq	# 95
90) Dibenzo(a,h)anthracene	28.87	278	639190	38.44	nq	# 92
91) Benzo(g,h,i)perylene	29.98	276	629145	38.54	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

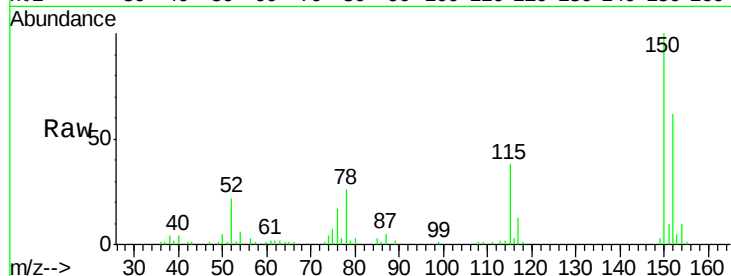
Tot Ion:152 Resp: 31444

Ion Ratio Lower Upper

152 100

150 160.7 115.0 172.4

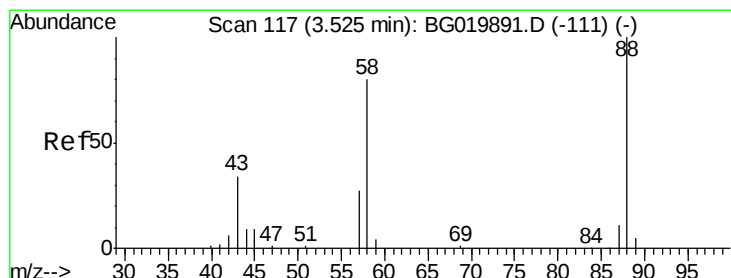
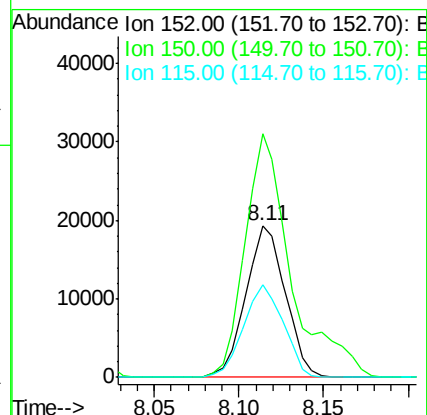
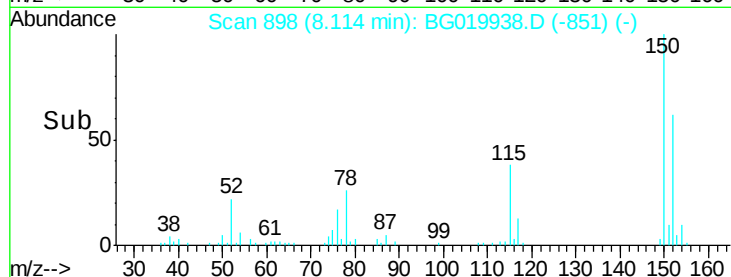
115 61.5 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.56 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

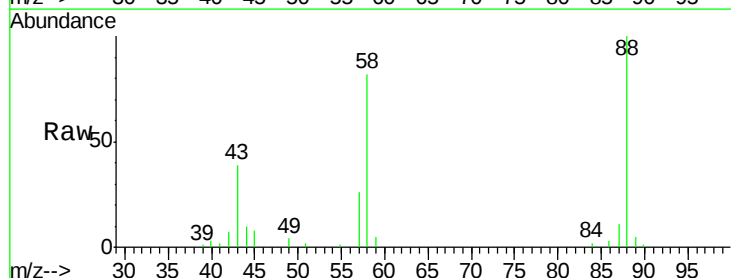
Tgt Ion: 88 Resp: 22071

Ion Ratio Lower Upper

88 100

58 80.9 0.0 0.0#

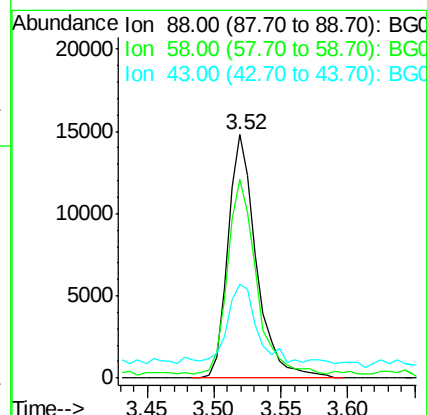
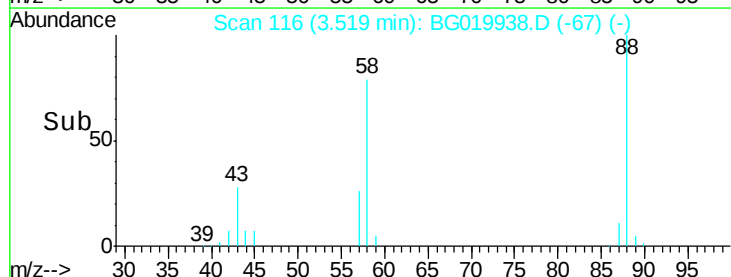
43 35.4 0.0 0.0#

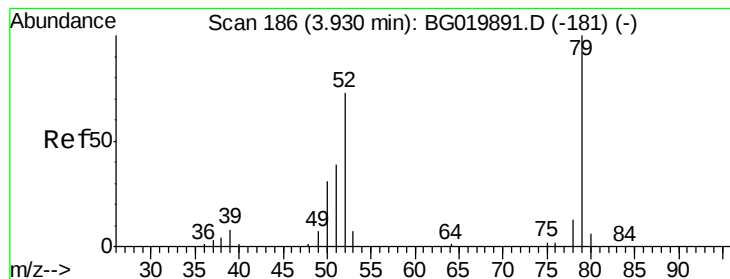


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.99 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

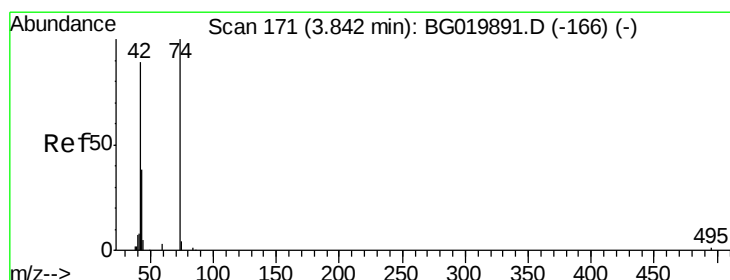
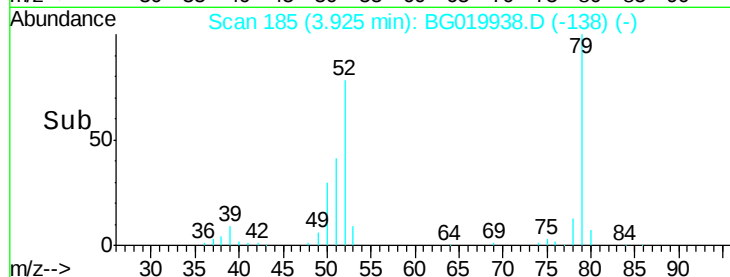
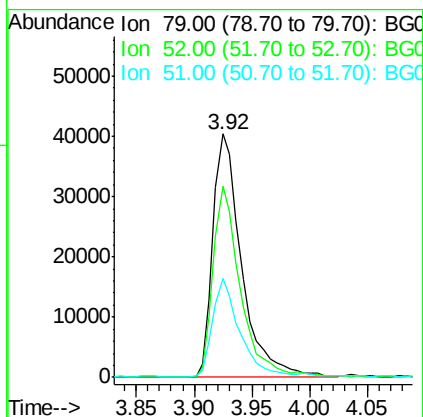
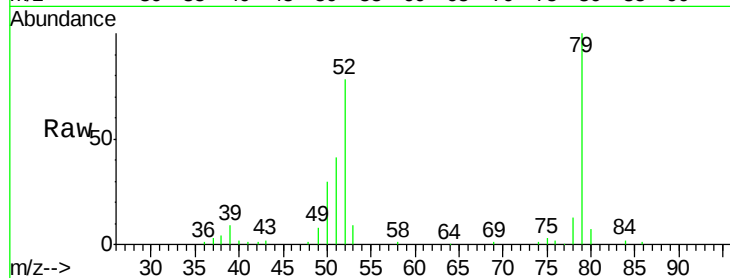
Tot Ion: 79 Resp: 69969

Ion Ratio Lower Upper

79 100

52 78.4 50.3 75.5#

51 40.8 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 34.14 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

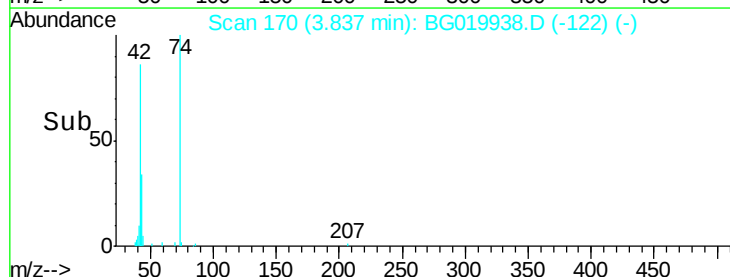
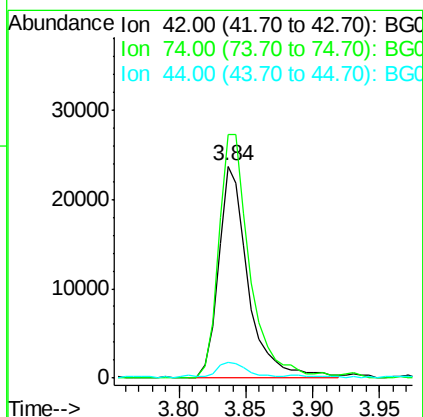
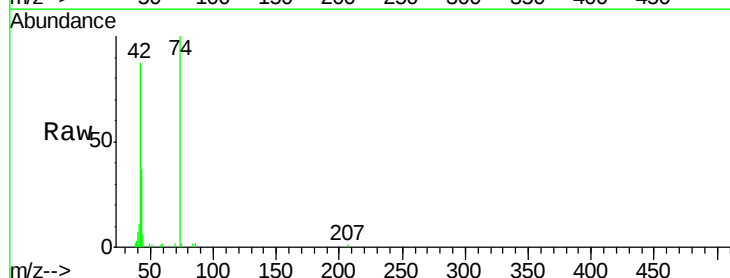
Tgt Ion: 42 Resp: 36957

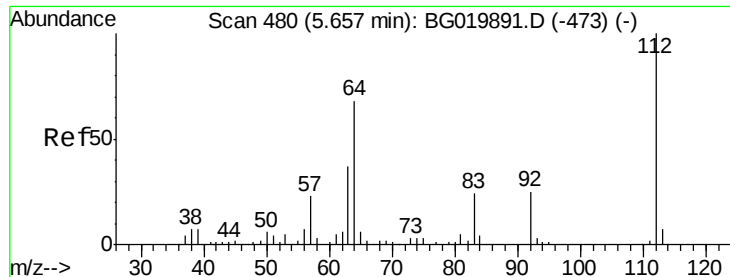
Ion Ratio Lower Upper

42 100

74 114.9 113.9 170.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 130.68 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

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PB86993BS

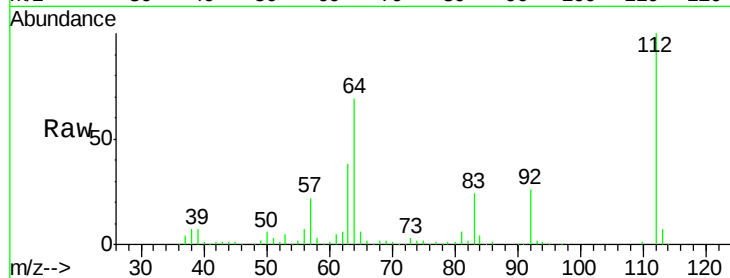
Tot Ion:112 Resp: 227356

Ion Ratio Lower Upper

112 100

64 69.1 43.7 65.5#

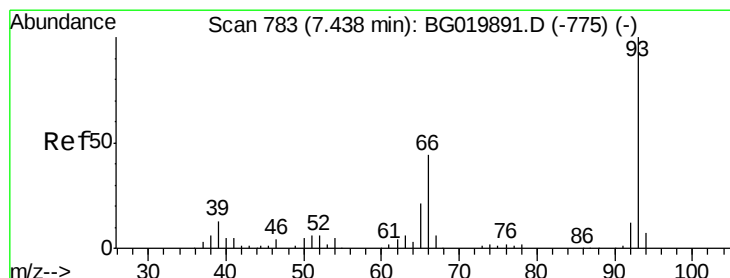
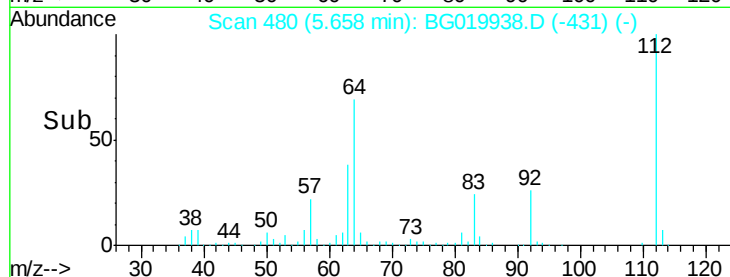
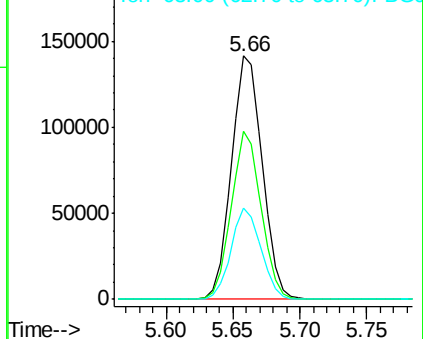
63 37.7 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.00 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

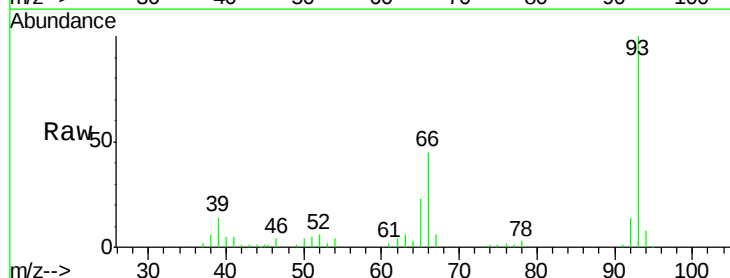
Tgt Ion: 93 Resp: 78246

Ion Ratio Lower Upper

93 100

66 45.2 26.2 39.2#

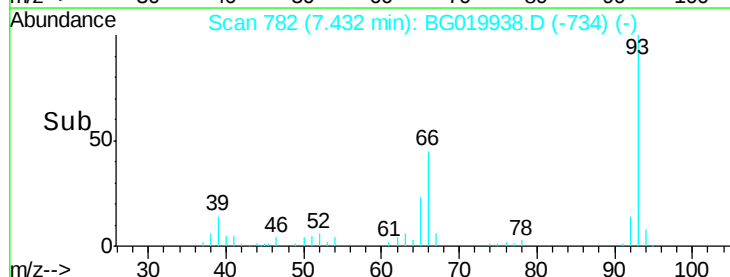
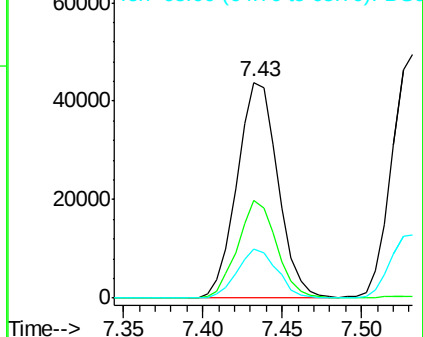
65 22.5 14.0 21.0#

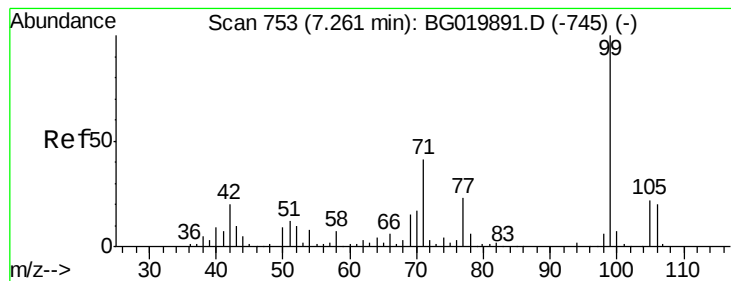


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.40 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

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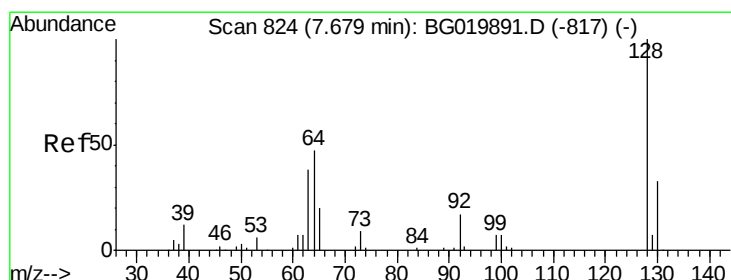
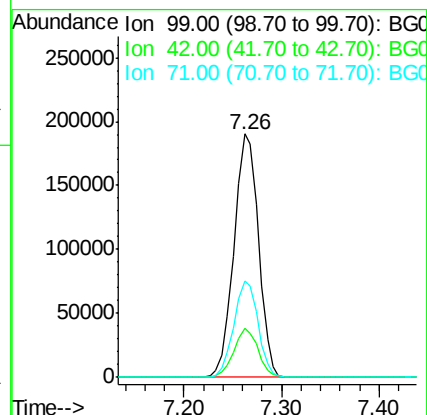
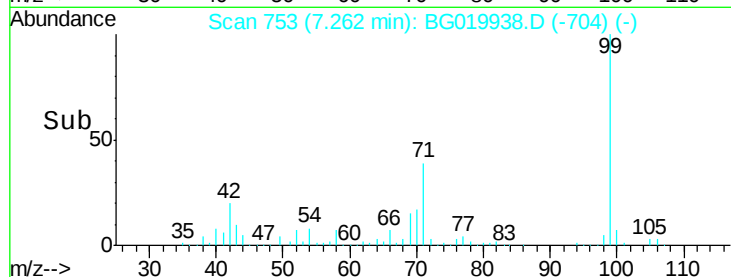
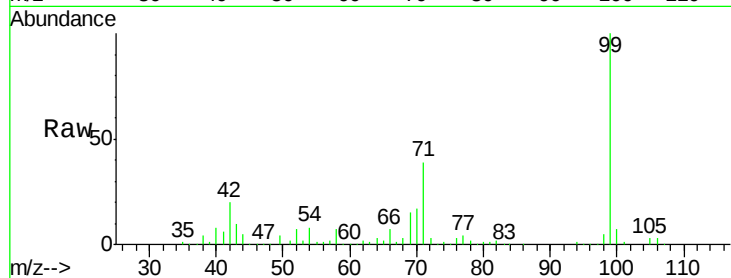
Tot Ion: 99 Resp: 332029

Ion Ratio Lower Upper

99 100

42 19.9 11.5 17.3#

71 39.5 22.6 34.0#



#8

2-Chlorophenol

Concen: 40.83 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

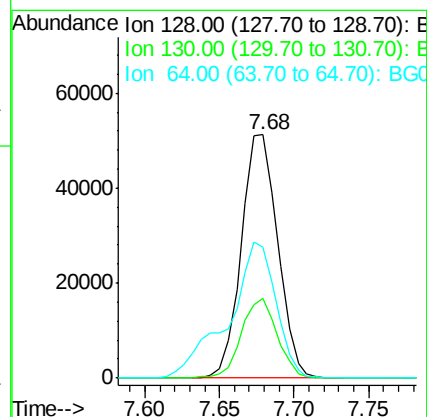
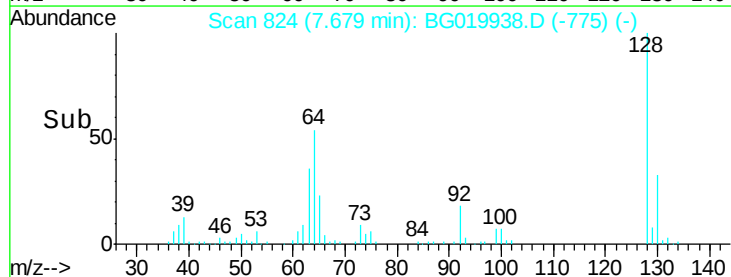
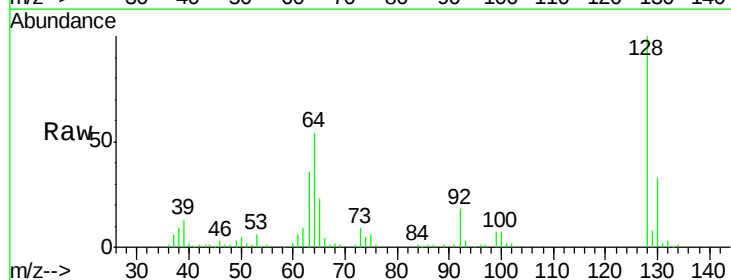
Tgt Ion: 128 Resp: 86624

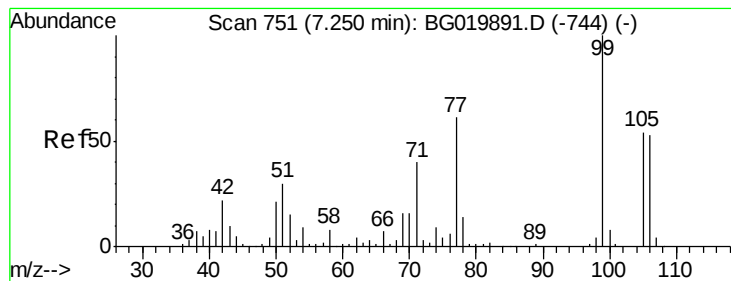
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 53.8 28.2 68.2





#9

Benzaldehyde

Concen: 18.05 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

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Acq: 5 Dec 2015 12:30

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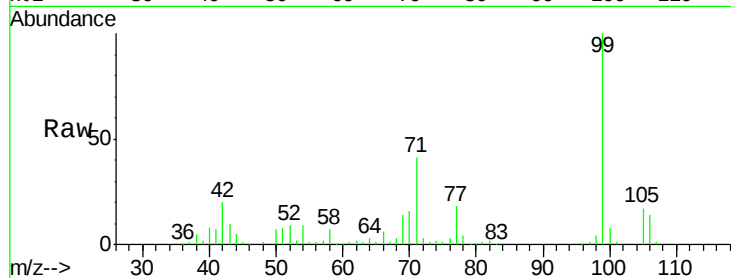
Tot Ion: 77 Resp: 31610

Ion Ratio Lower Upper

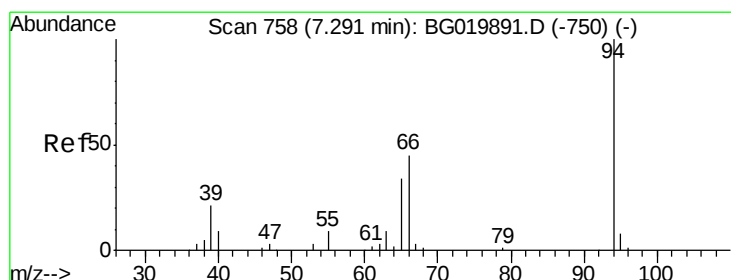
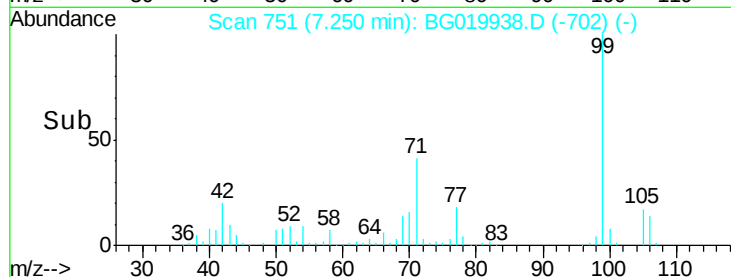
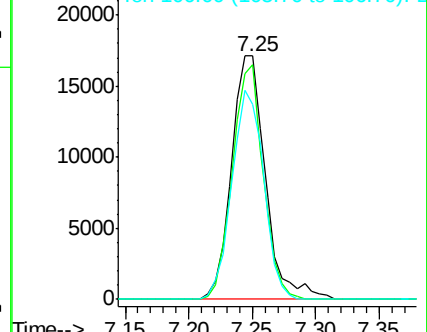
77 100

105 96.3 77.7 117.7

106 80.3 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: 43.24 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

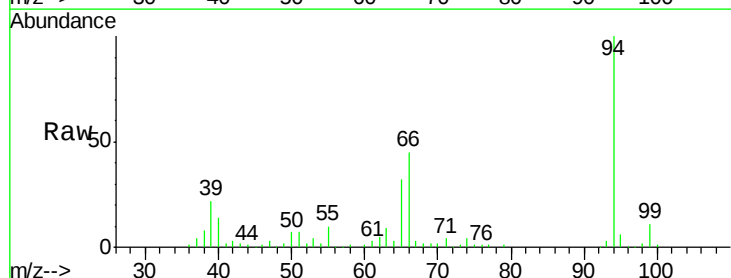
Tgt Ion: 94 Resp: 119552

Ion Ratio Lower Upper

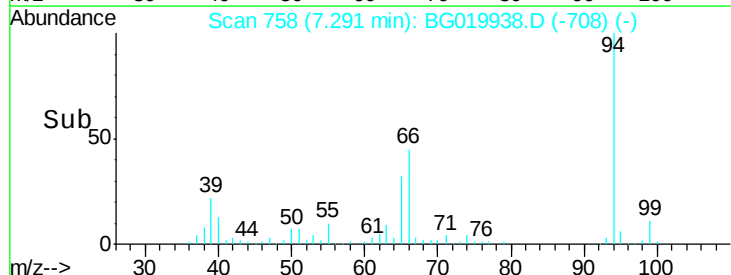
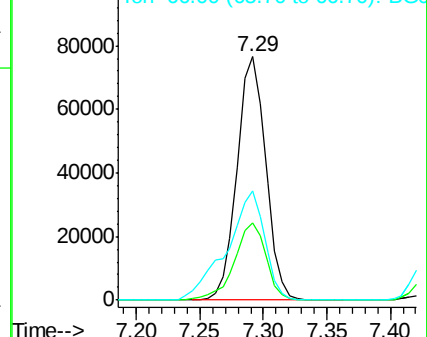
94 100

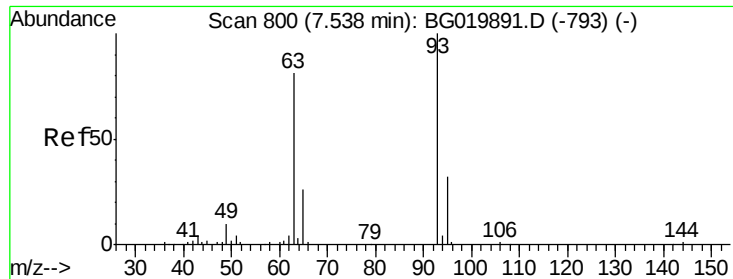
65 32.0 5.4 45.4

66 44.6 11.8 51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

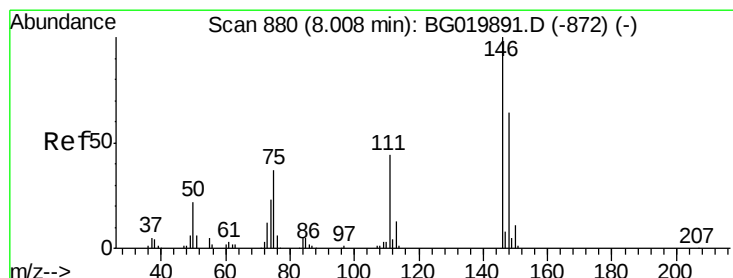
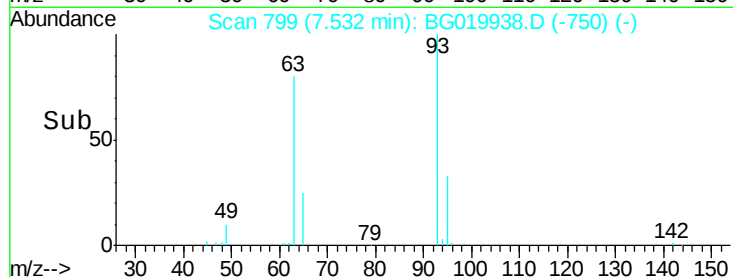
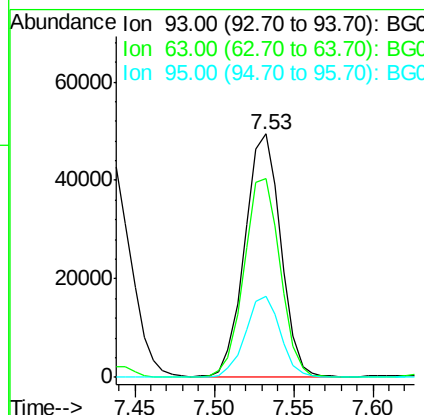
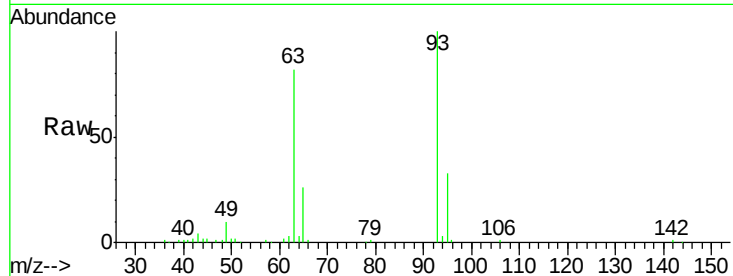




#11
bis(2-Chloroethyl)ether
Concen: 37.83 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

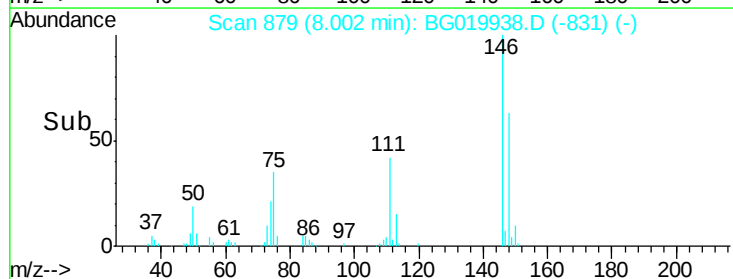
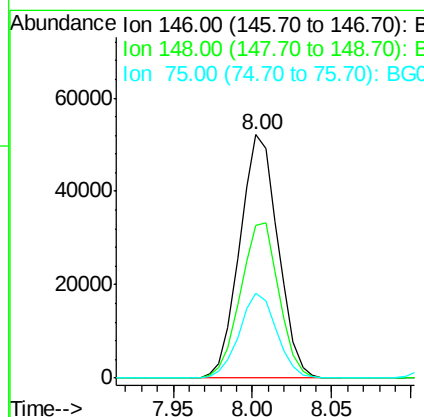
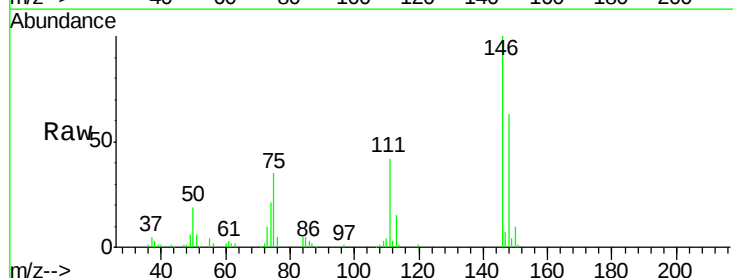
Instrument :
BNA_G
ClientSampleId :
PB86993BS

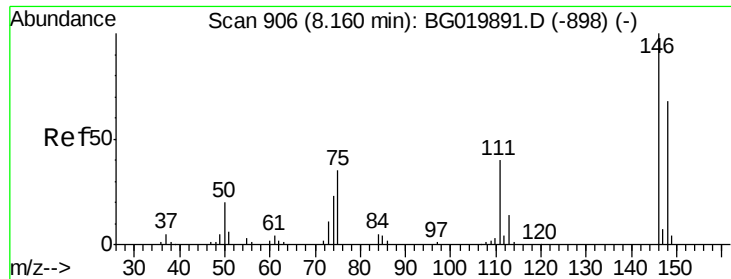
Tot Ion: 93 Resp: 77454
Ion Ratio Lower Upper
93 100
63 81.8 50.5 90.5
95 33.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 36.18 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion: 146 Resp: 86997
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
75 34.7 21.1 31.7#

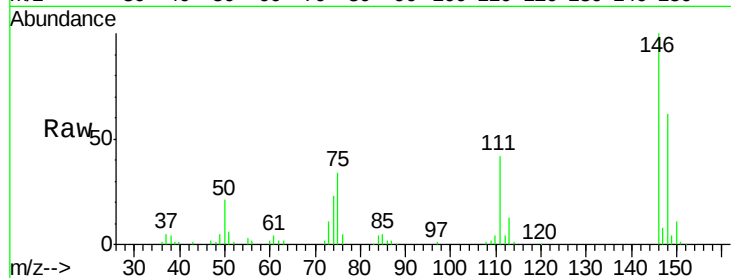




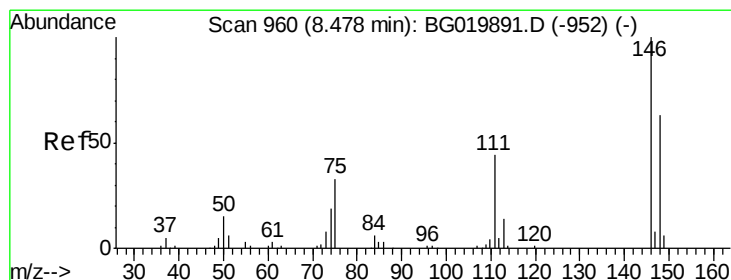
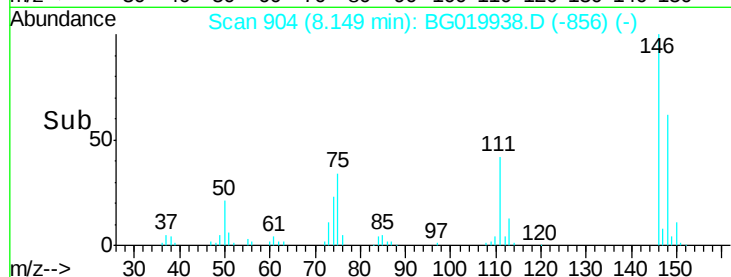
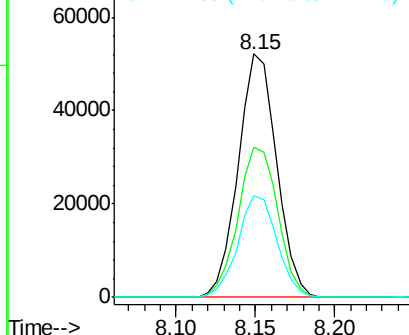
#13
 1,4-Dichlorobenzene
 Concen: 35.35 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion:146 Resp: 87796
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.5 78.7
 111 41.9 28.3 42.5

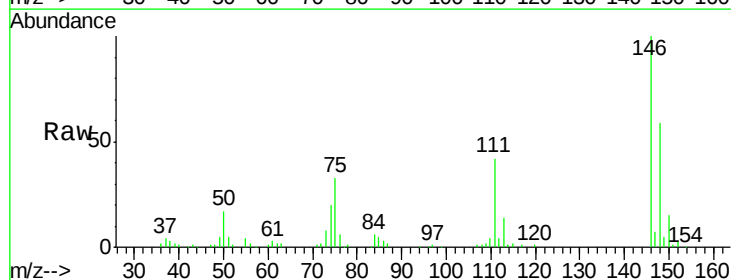


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

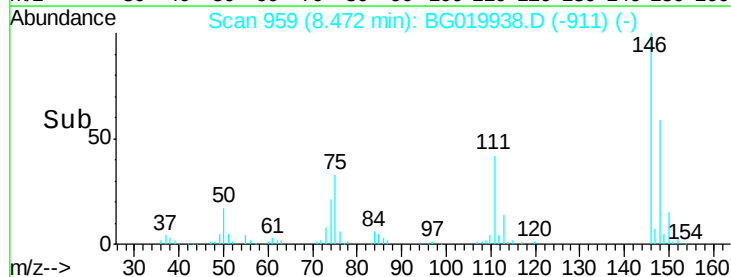
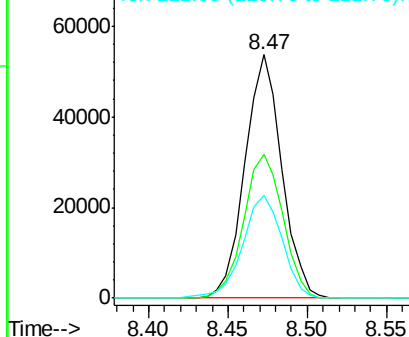


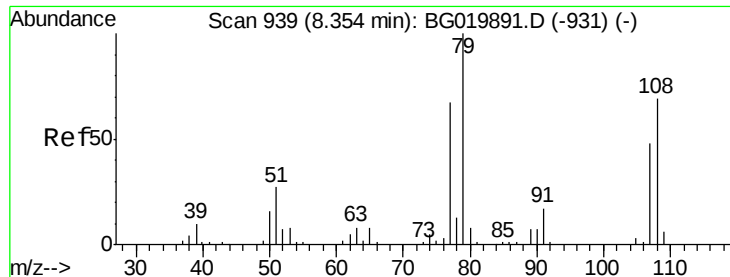
#14
 1,2-Dichlorobenzene
 Concen: 36.51 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:146 Resp: 86478
 Ion Ratio Lower Upper
 146 100
 148 59.2 52.5 78.7
 111 42.1 29.9 44.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.74 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

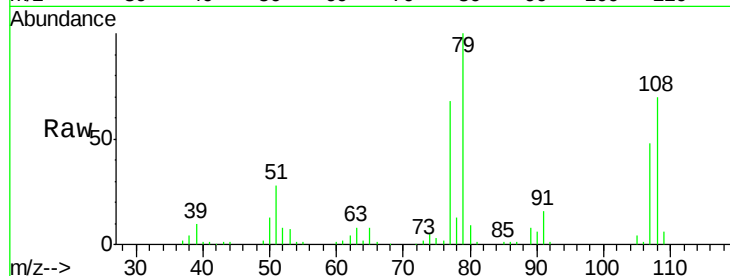
Tot Ion: 79 Resp: 91609

Ion Ratio Lower Upper

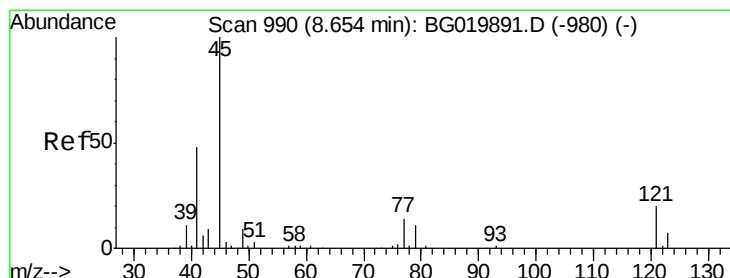
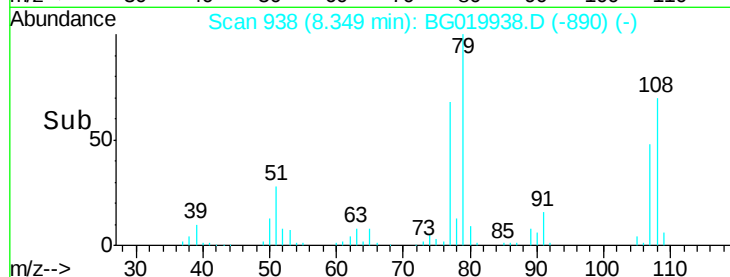
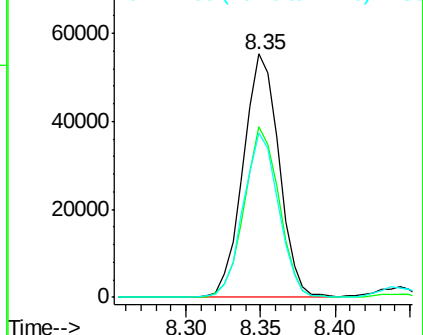
79 100

108 69.9 65.5 98.3

77 67.5 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.26 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

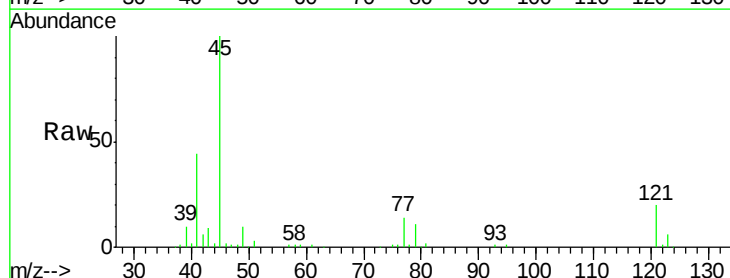
Tgt Ion: 45 Resp: 121085

Ion Ratio Lower Upper

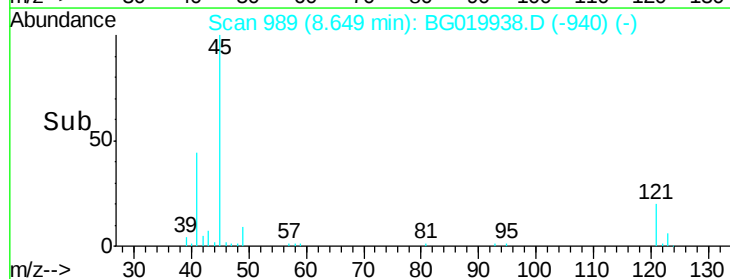
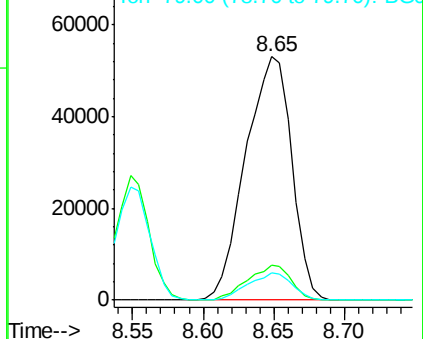
45 100

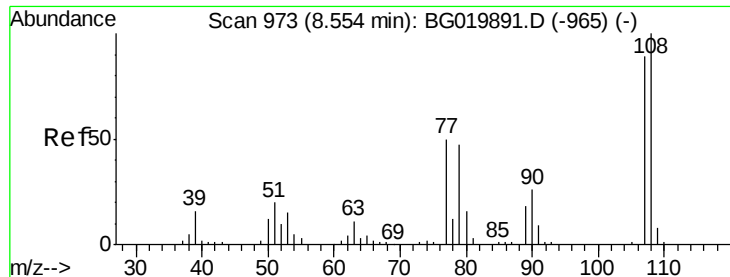
77 14.2 0.0 37.0

79 11.0 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

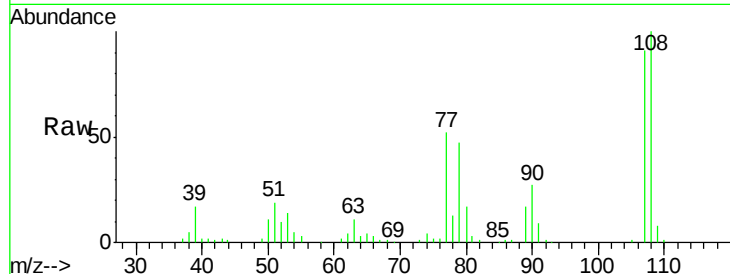




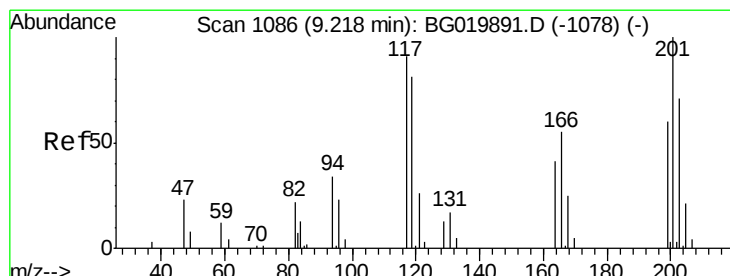
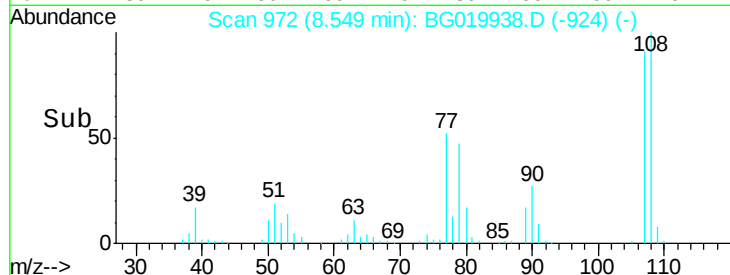
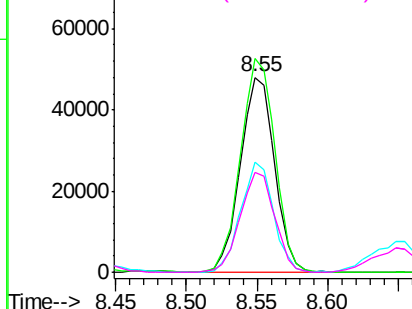
#17
2-Methylphenol
Concen: 41.73 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion:107 Resp: 81439
Ion Ratio Lower Upper
107 100
108 109.7 86.5 129.7
77 56.8 34.6 51.8#
79 51.2 32.3 48.5#

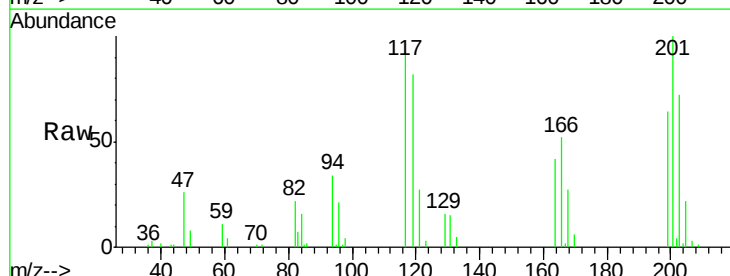


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

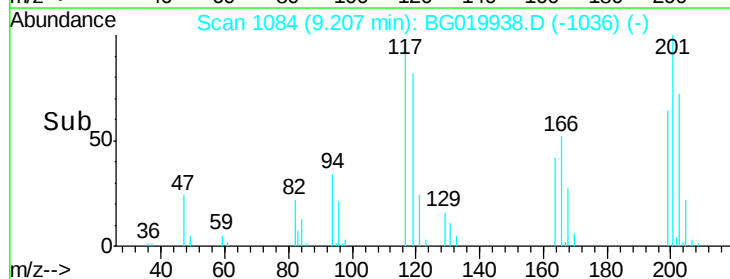
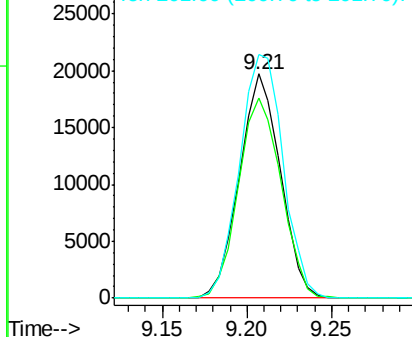


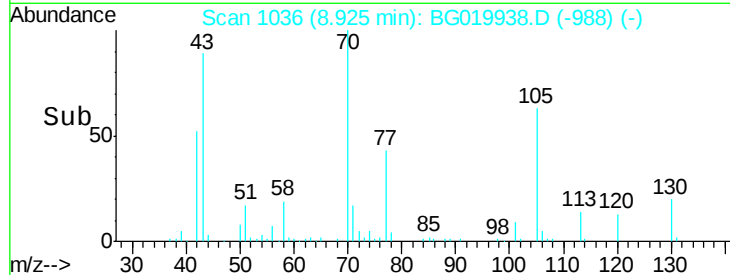
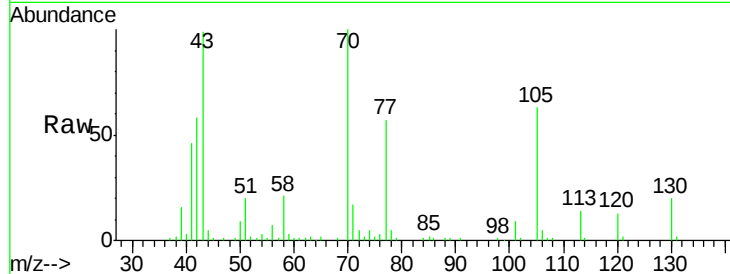
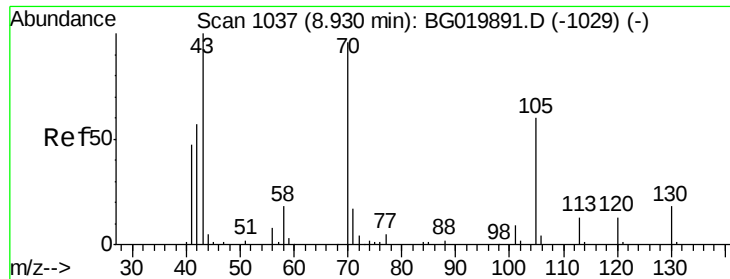
#18
Hexachloroethane
Concen: 35.76 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:117 Resp: 33257
Ion Ratio Lower Upper
117 100
119 89.3 71.7 107.5
201 112.5 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

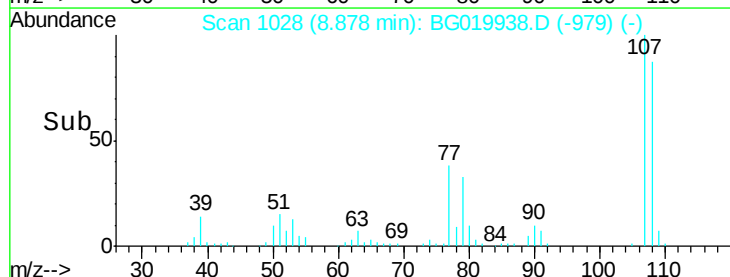
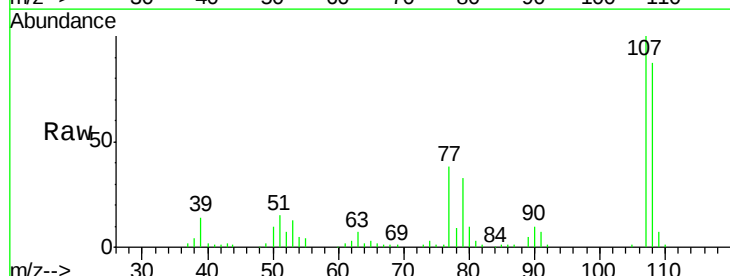
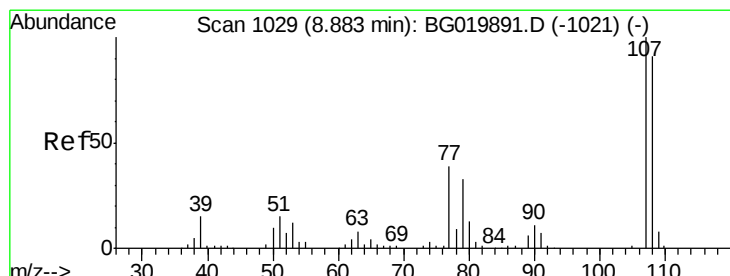
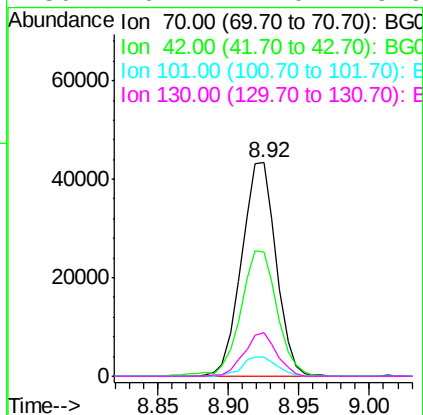




#19
n-Nitroso-di-n-propylamine
Concen: 35.84 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

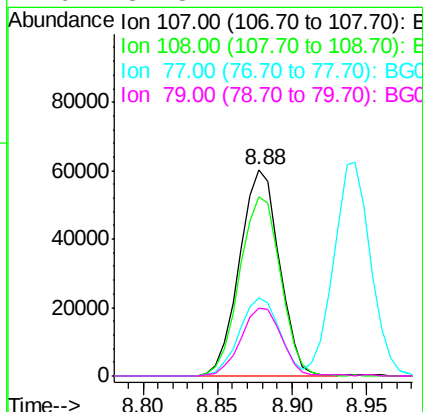
Instrument :
BNA_G
ClientSampleId :
PB86993BS

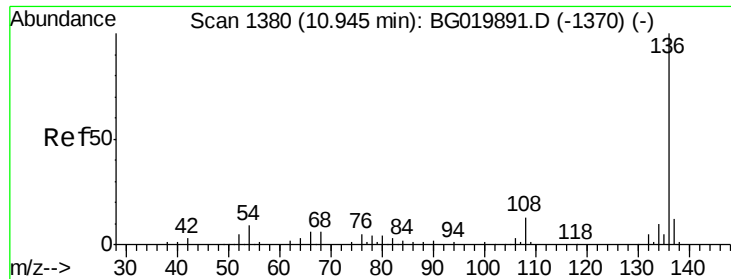
Tot Ion: 70 Resp: 74246
Ion Ratio Lower Upper
70 100
42 58.0 40.6 60.8
101 8.8 8.6 13.0
130 20.2 17.0 25.6



#20
3+4-Methylphenols
Concen: 40.62 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion: 107 Resp: 111640
Ion Ratio Lower Upper
107 100
108 87.0 72.2 112.2
77 38.1 13.4 53.4
79 32.8 7.2 47.2

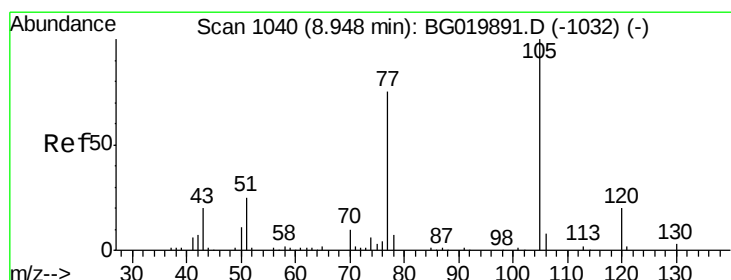
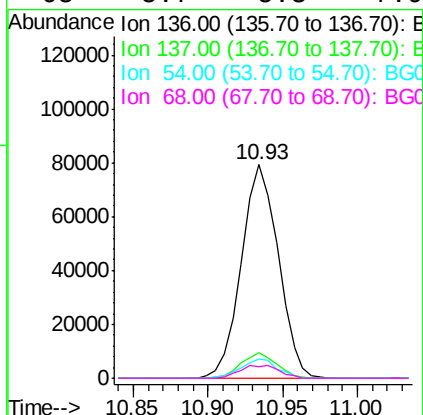
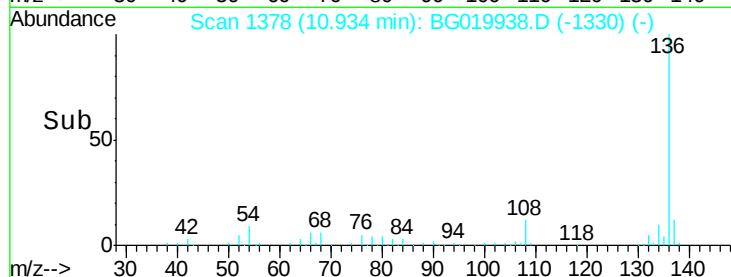
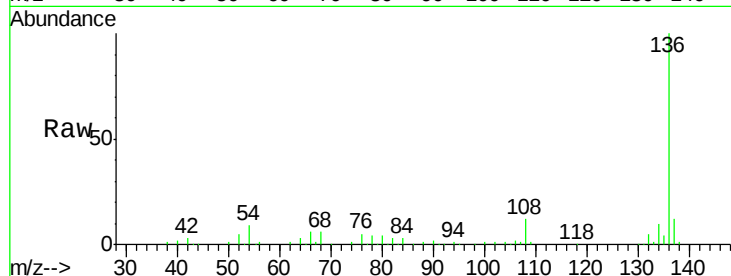




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

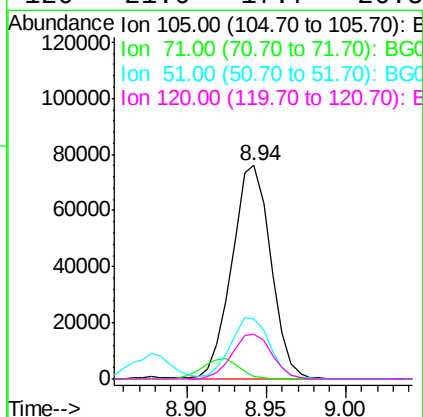
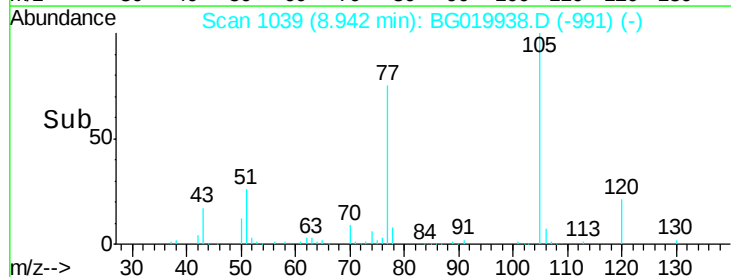
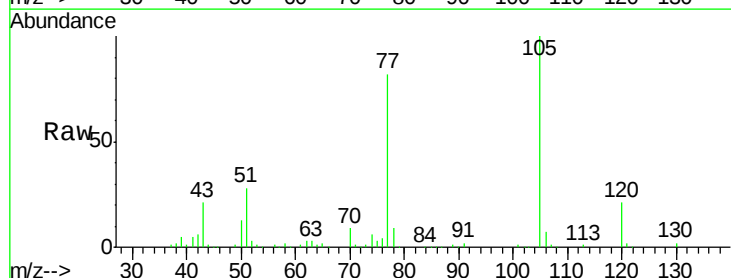
Instrument :
BNA_G
ClientSampleId :
PB86993BS

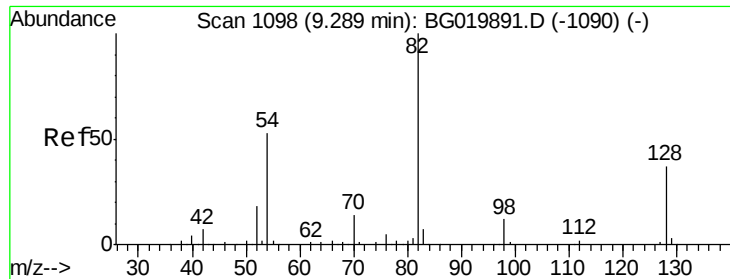
Tot Ion:136	Resp:	135659
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.6 12.8
54	8.9	5.4 8.2#
68	5.7	5.3 7.9



#22
Acetophenone
Concen: 35.00 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:105	Resp:	130153
Ion Ratio	Lower	Upper
105	100	
71	1.4	2.1 3.1#
51	28.1	17.8 26.8#
120	21.0	17.7 26.5

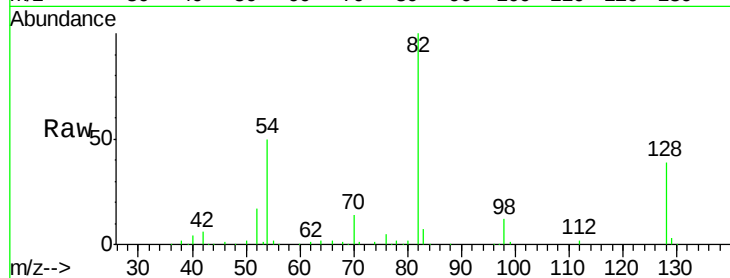




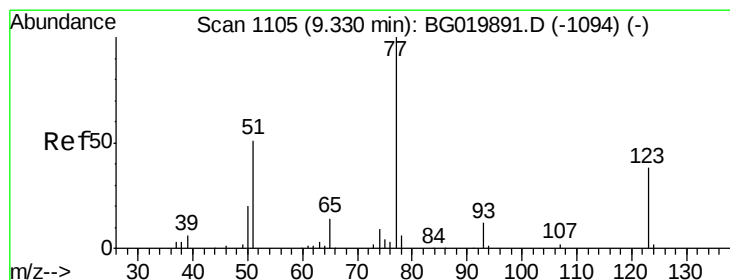
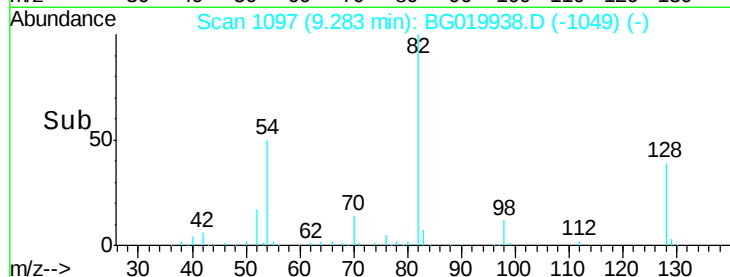
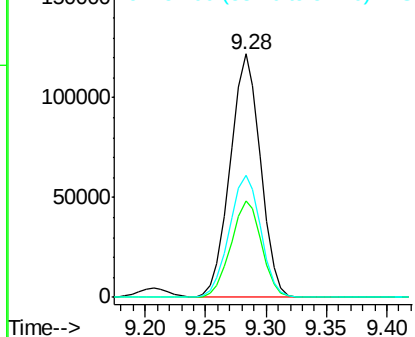
#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleID :
 PB86993BS

Tot Ion: 82 Resp: 213173
 Ion Ratio Lower Upper
 82 100
 128 39.4 36.7 55.1
 54 50.1 33.8 50.8

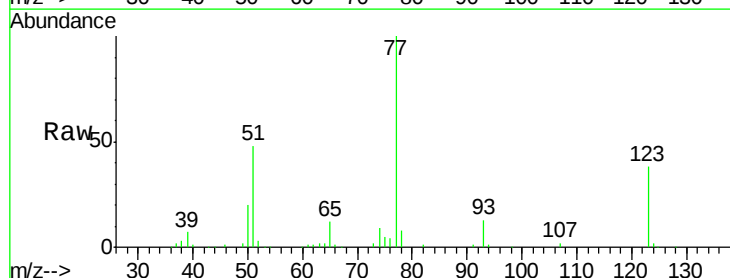


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

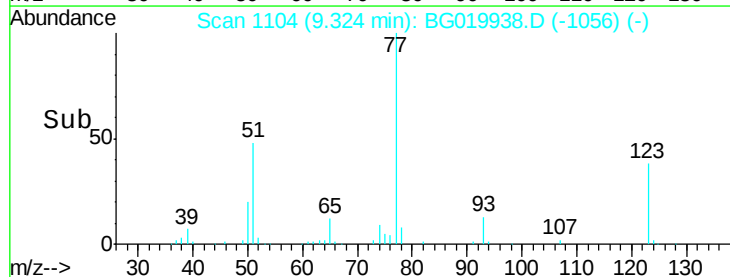
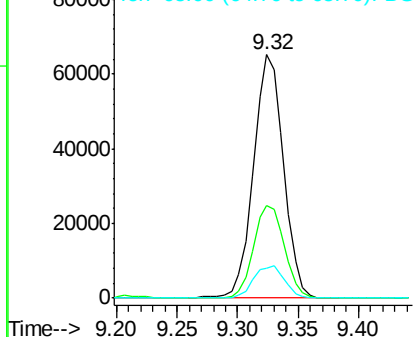


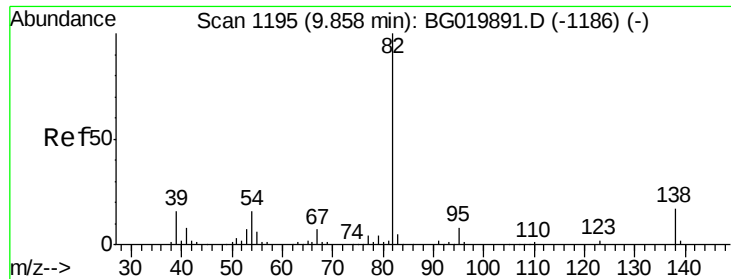
#24
 Nitrobenzene
 Concen: 39.01 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion: 77 Resp: 112477
 Ion Ratio Lower Upper
 77 100
 123 38.1 38.2 57.2#
 65 12.3 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.11 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

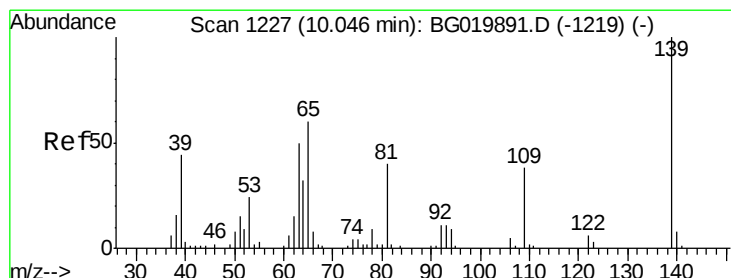
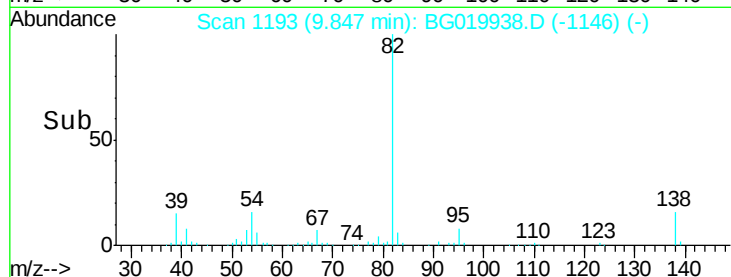
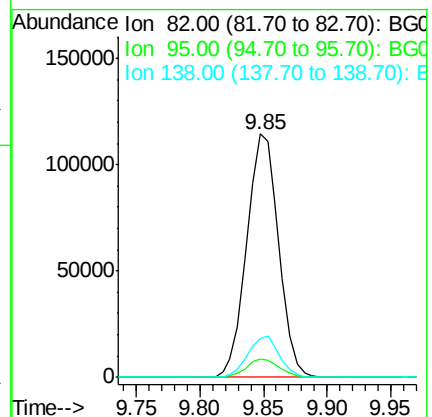
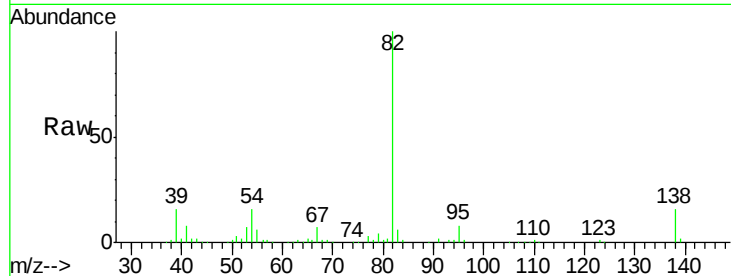
Tot Ion: 82 Resp: 200108

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 15.9 14.4 21.6



#26

2-Nitrophenol

Concen: 42.14 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

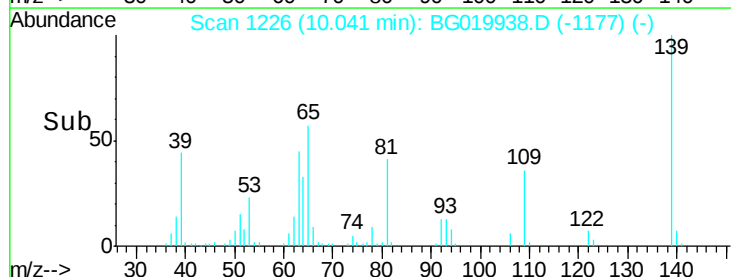
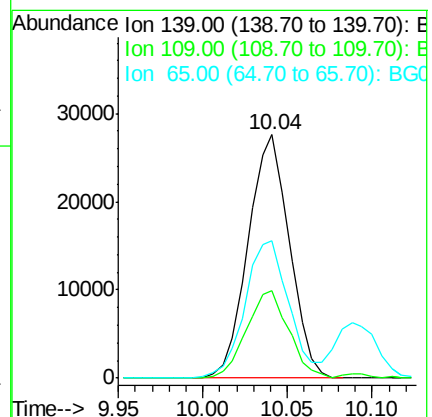
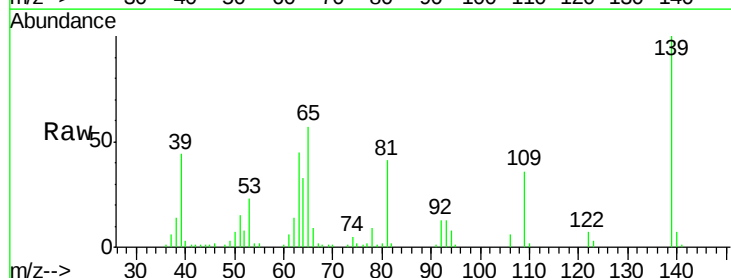
Tgt Ion: 139 Resp: 46932

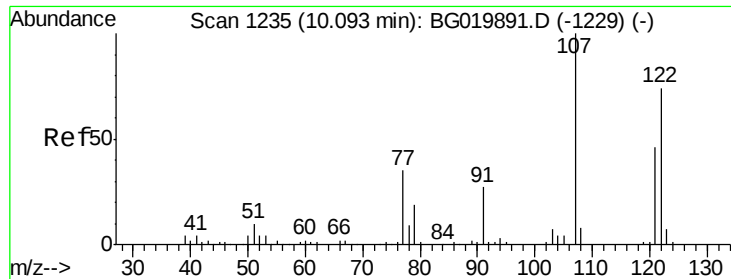
Ion Ratio Lower Upper

139 100

109 36.0 20.1 30.1#

65 56.6 34.1 51.1#

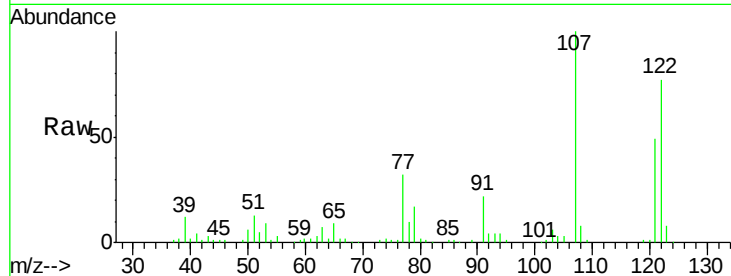




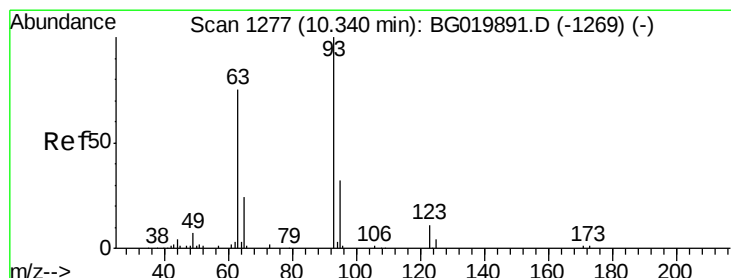
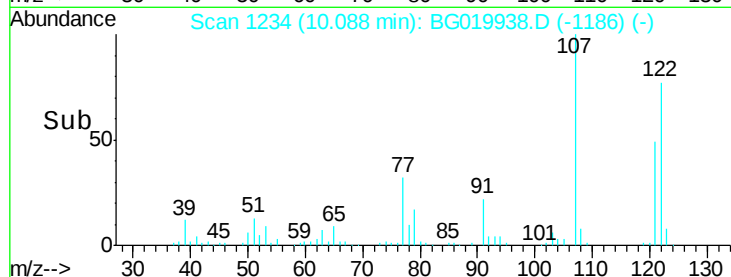
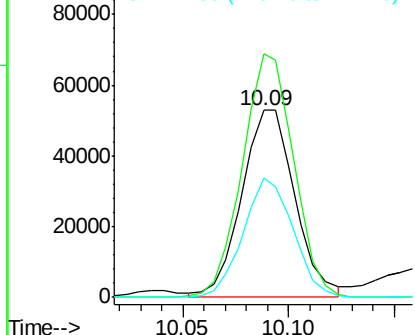
#27
2,4-Dimethylphenol
Concen: 39.75 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion:122 Resp: 92185
Ion Ratio Lower Upper
122 100
107 130.2 91.6 137.4
121 64.2 47.3 70.9

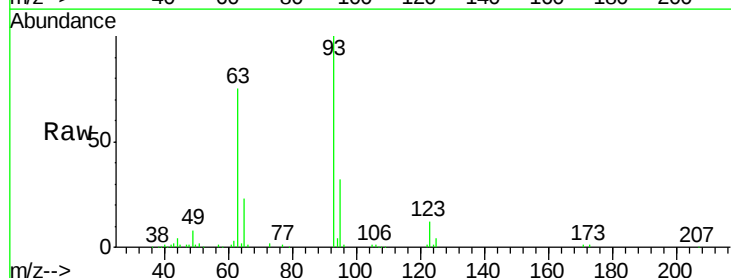


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

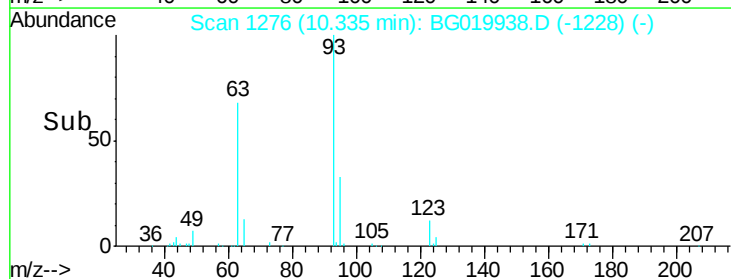
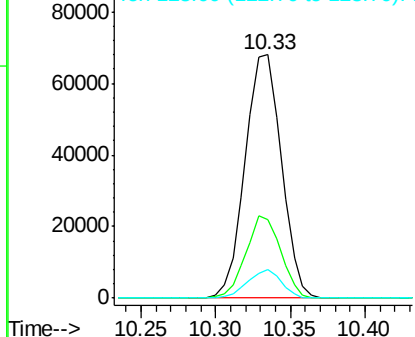


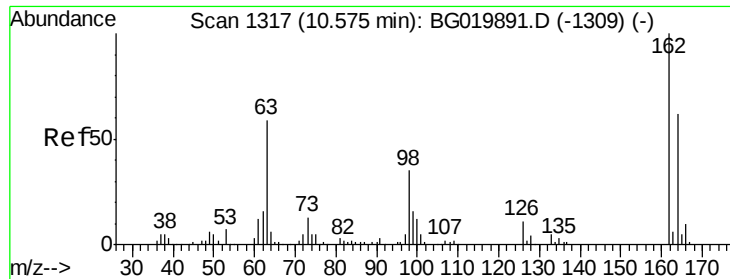
#28
bis(2-Chloroethoxy)methane
Concen: 41.07 ng
RT: 10.33 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion: 93 Resp: 114354
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 12.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

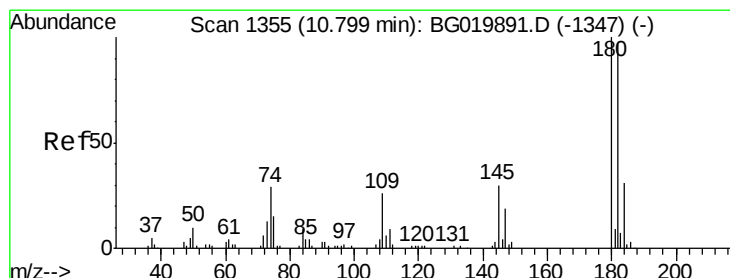
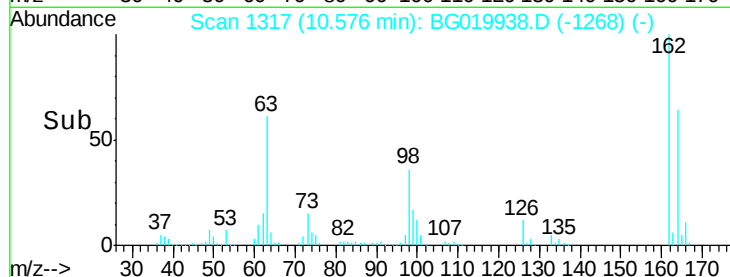
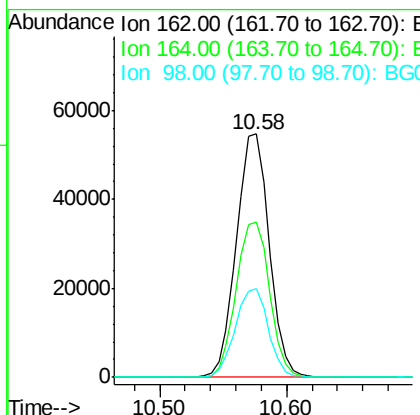
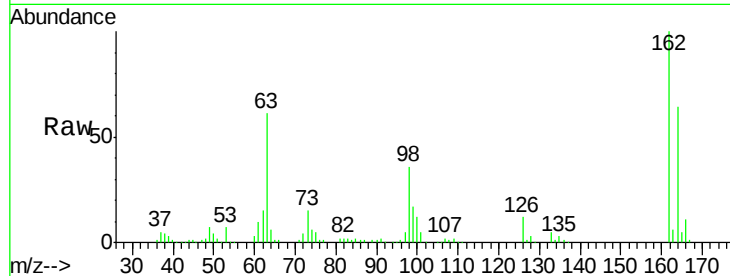




#29
 2,4-Dichlorophenol
 Concen: 41.60 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

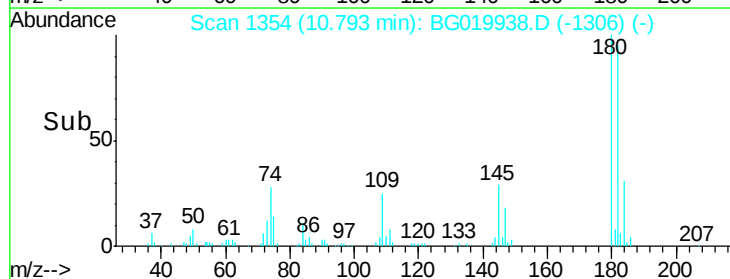
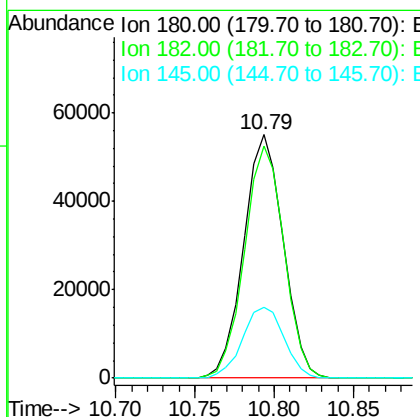
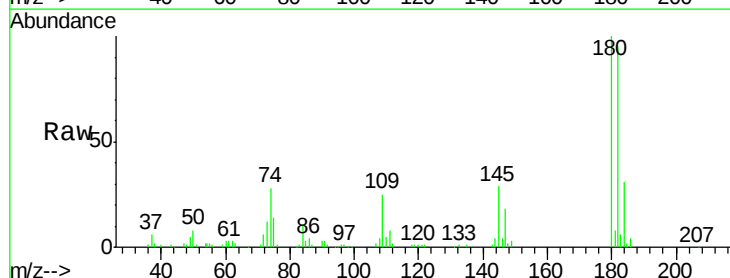
Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

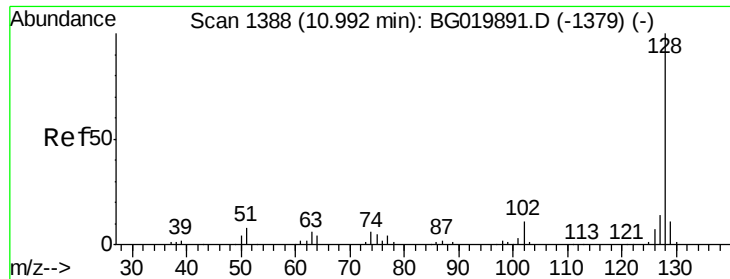
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.4	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.73 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	79.7	119.5
145	28.9	22.0	33.0





#31

Naphthalene

Concen: 37.82 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

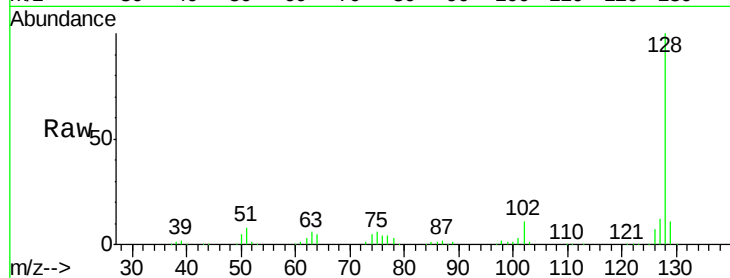
Tot Ion:128 Resp: 274857

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

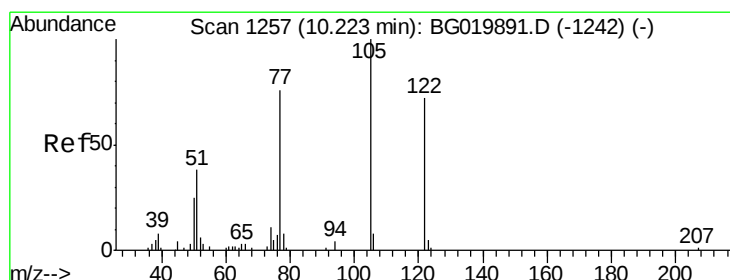
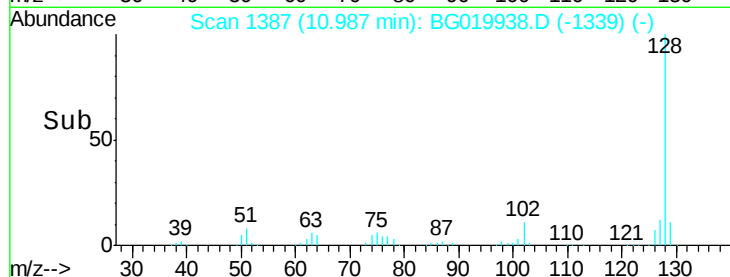
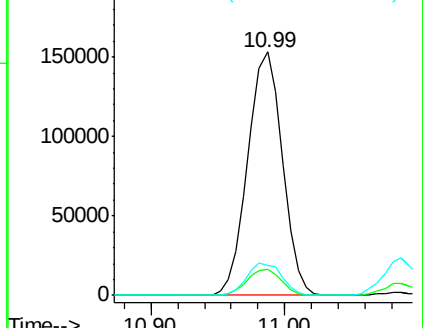
127 12.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.41 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

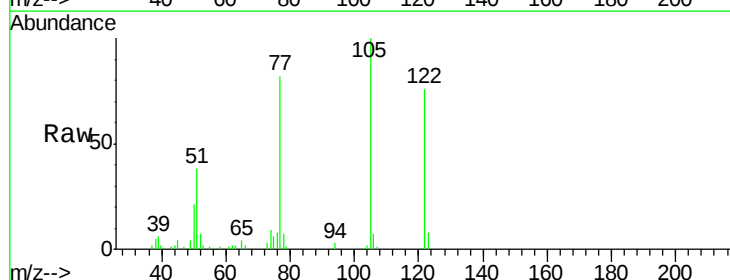
Tgt Ion:122 Resp: 65033

Ion Ratio Lower Upper

122 100

105 130.8 103.8 143.8

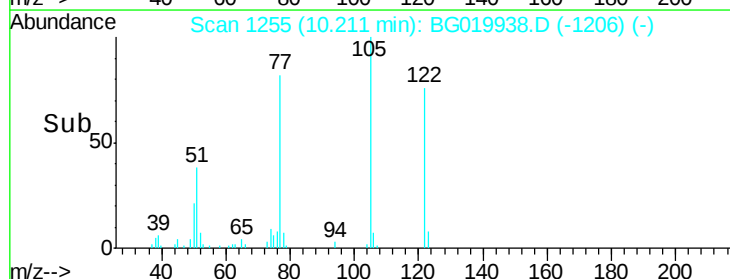
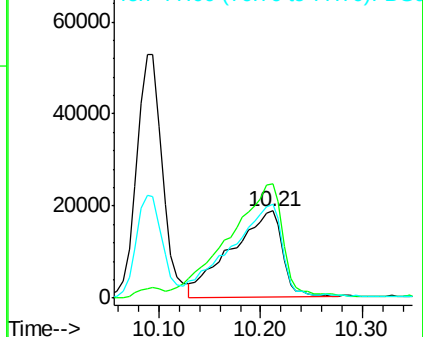
77 107.3 68.8 108.8

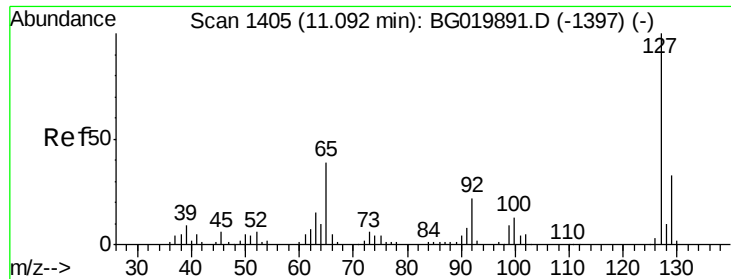


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

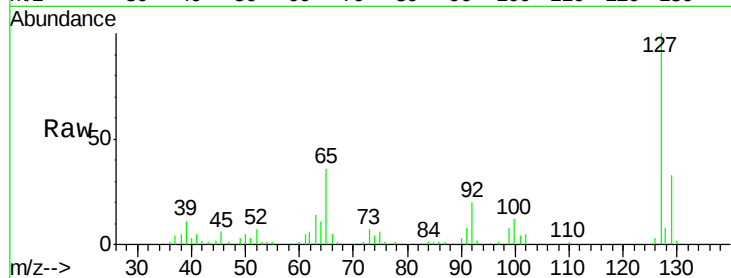




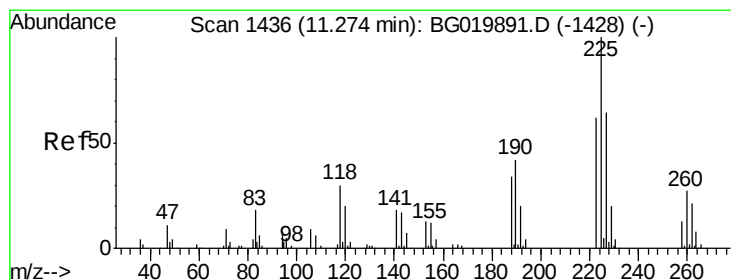
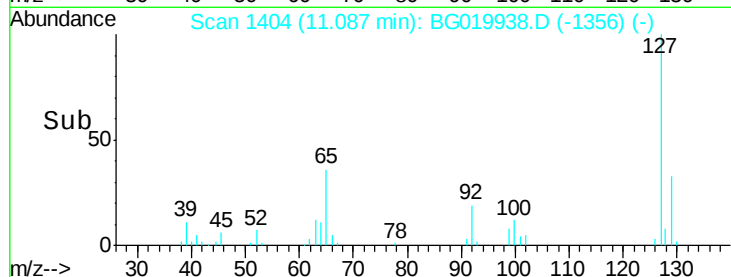
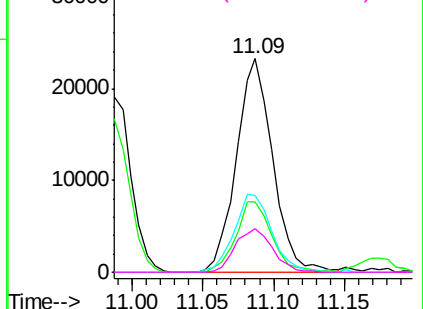
#33
4-Chloroaniline
Concen: 13.09 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion:127 Resp: 41917
Ion Ratio Lower Upper
127 100
129 33.2 24.6 37.0
65 36.2 22.6 33.8#
92 20.5 15.1 22.7

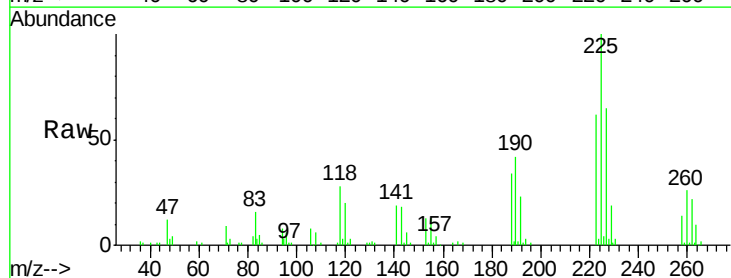


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

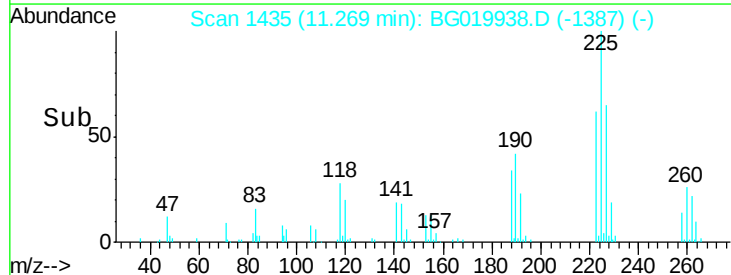
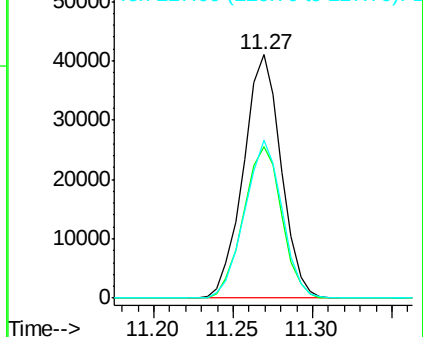


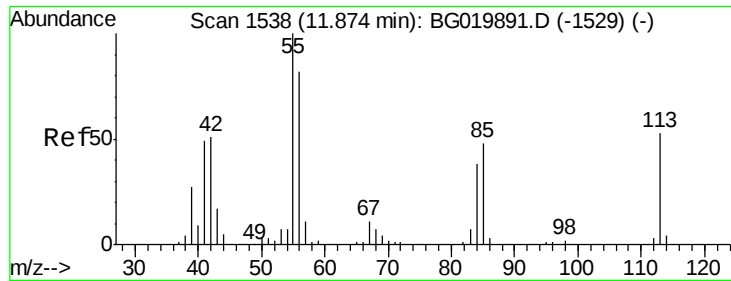
#34
Hexachlorobutadiene
Concen: 34.33 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:225 Resp: 67804
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.4
227 68.0 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: 26.30 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampled :

PB86993BS

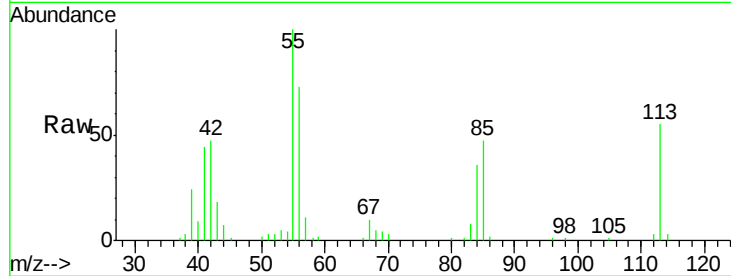
Tot Ion:113 Resp: 23197

Ion Ratio Lower Upper

113 100

55 183.1 135.0 175.0#

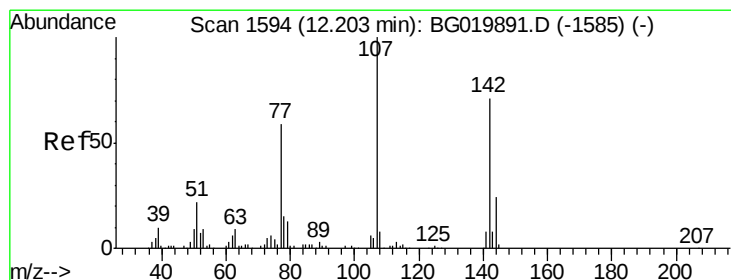
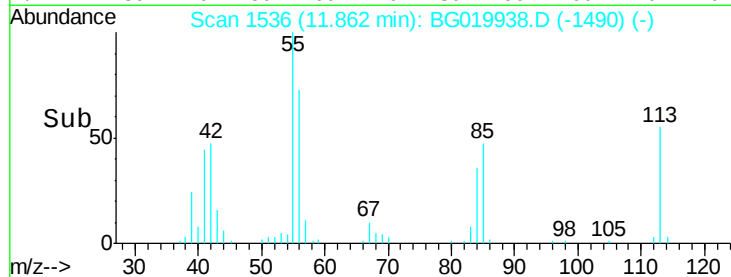
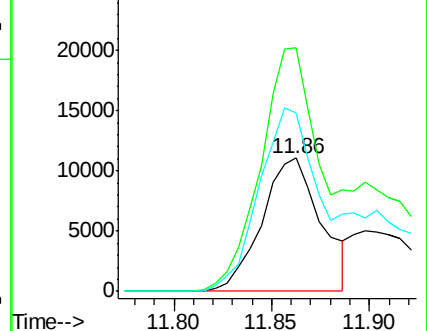
56 133.9 83.4 123.4#



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: 39.44 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

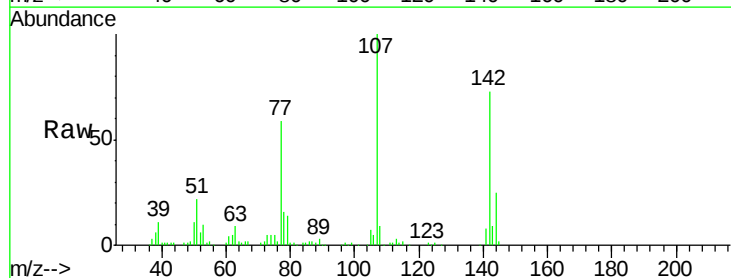
Tgt Ion:107 Resp: 116378

Ion Ratio Lower Upper

107 100

144 25.4 20.6 31.0

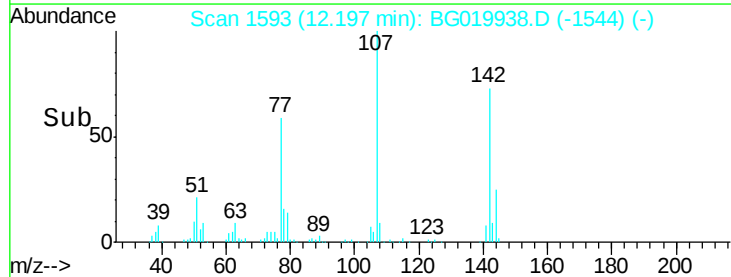
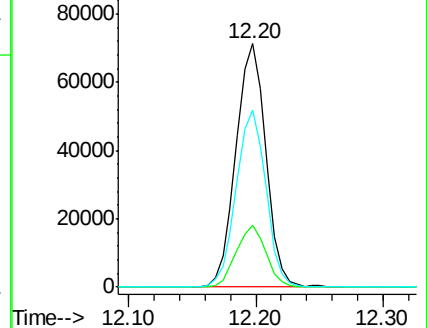
142 72.7 62.6 93.8

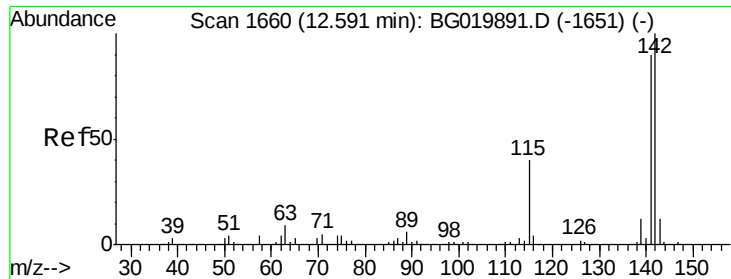


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

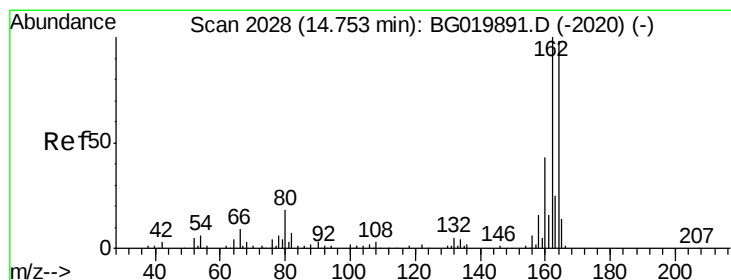
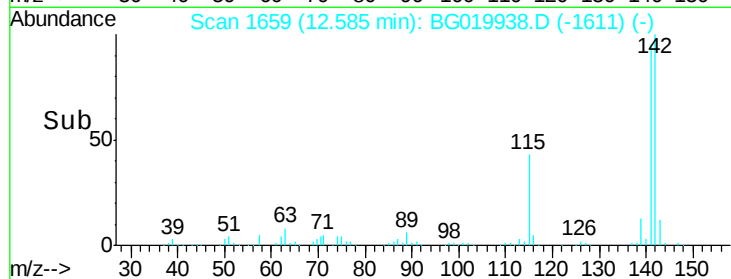
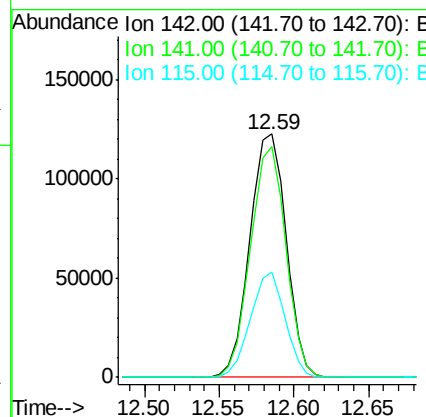
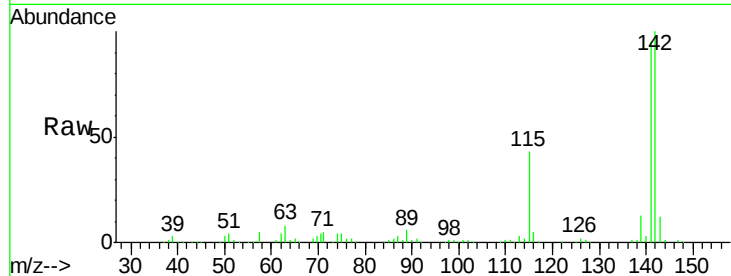




#37
2-Methylnaphthalene
Concen: 38.79 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

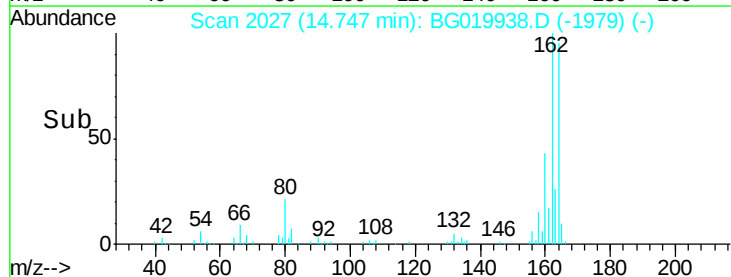
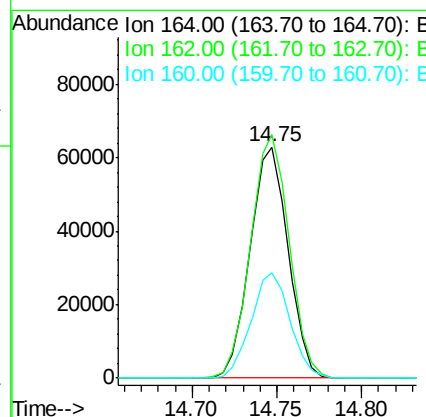
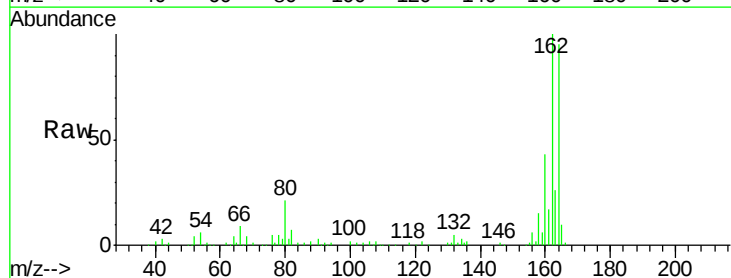
Instrument :
BNA_G
ClientSampleId :
PB86993BS

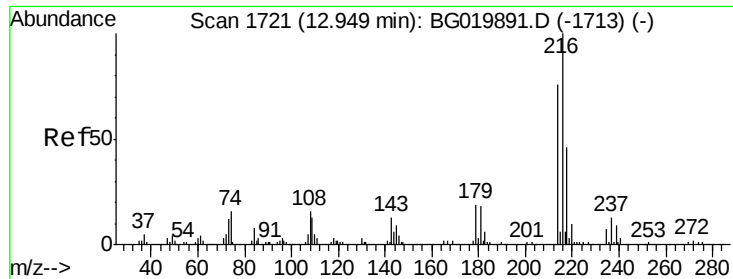
Tot Ion:142 Resp: 206609
Ion Ratio Lower Upper
142 100
141 95.0 74.6 112.0
115 43.3 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:164 Resp: 98413
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 45.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.64 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

Tot Ion:216 Resp: 129359

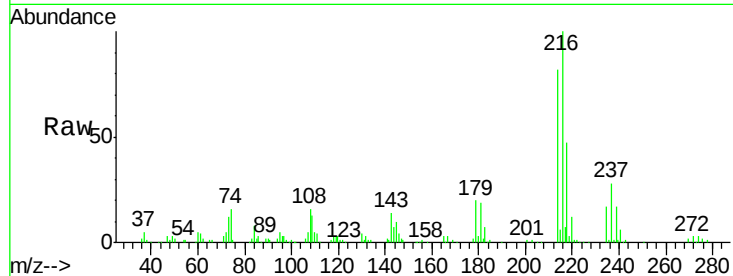
Ion Ratio Lower Upper

216 100

214 78.3 62.5 93.7

179 20.0 15.6 23.4

108 18.2 13.3 19.9

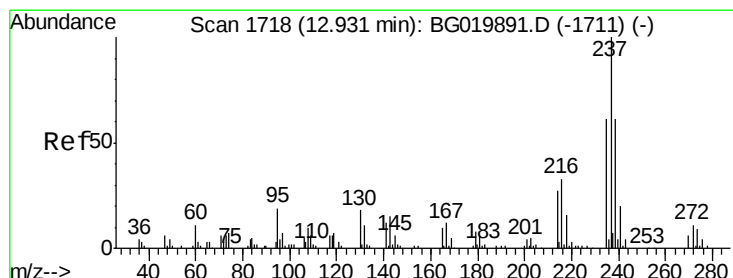
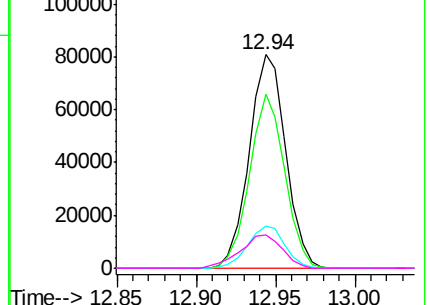
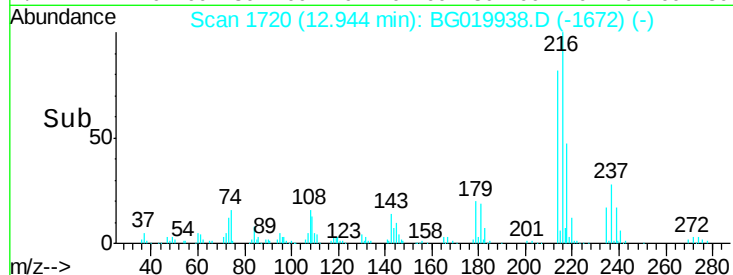


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.28 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

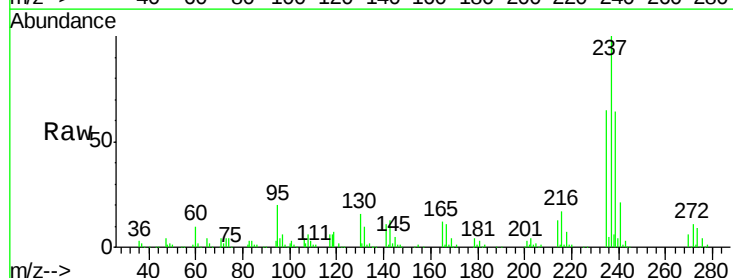
Tgt Ion:237 Resp: 147525

Ion Ratio Lower Upper

237 100

235 65.2 44.6 84.6

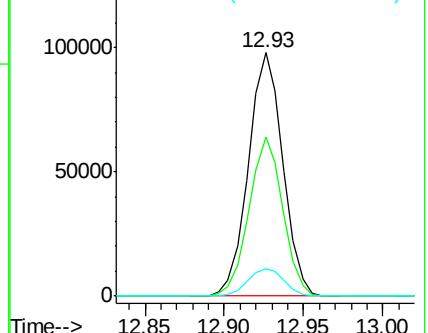
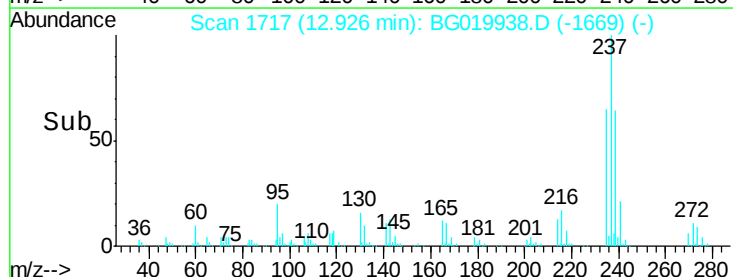
272 11.0 0.0 32.8

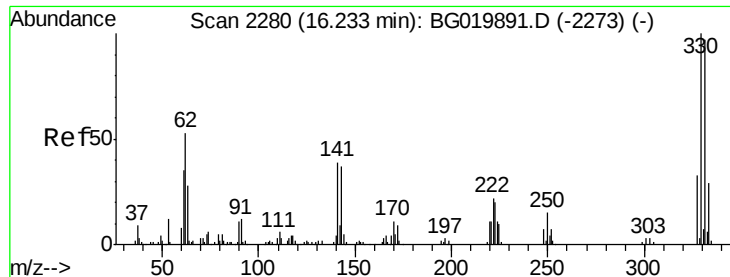


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

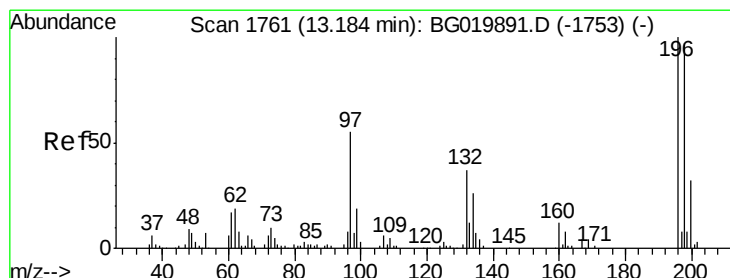
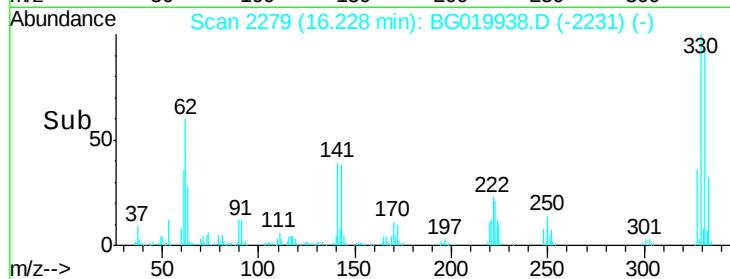
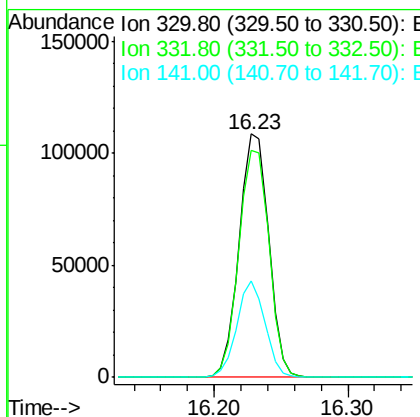
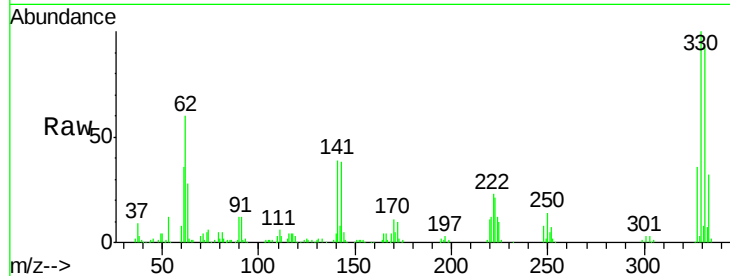




#41
 2,4,6-Tribromophenol
 Concen: 110.69 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

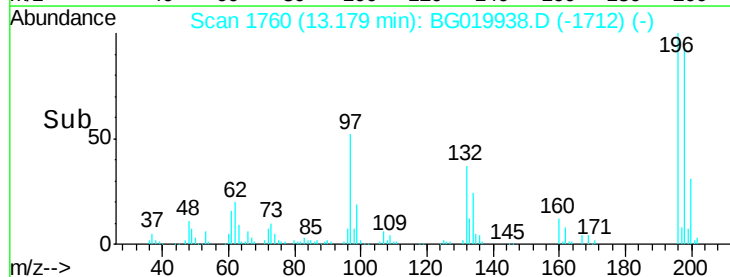
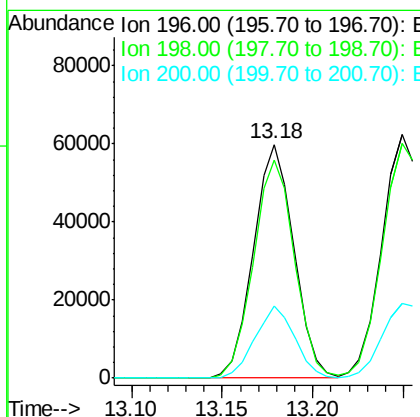
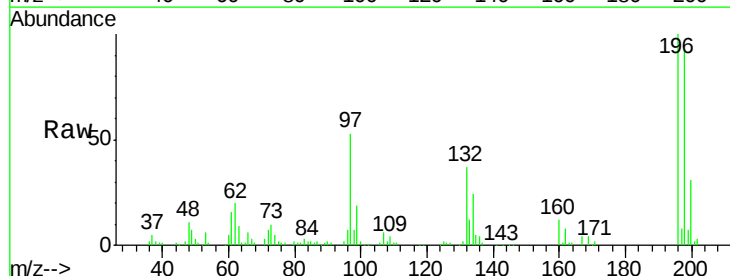
Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

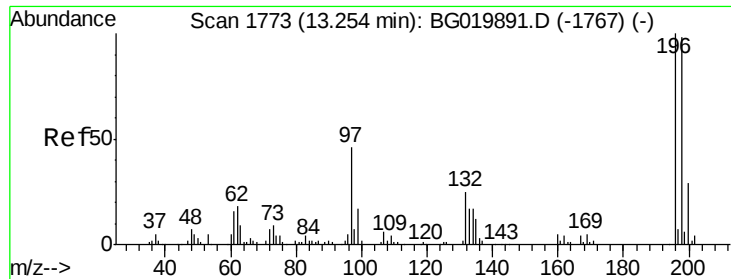
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	37.7	28.2	42.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.41 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.7	112.1
200	30.7	24.1	36.1

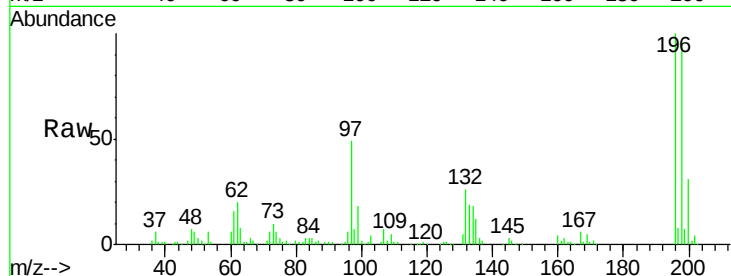




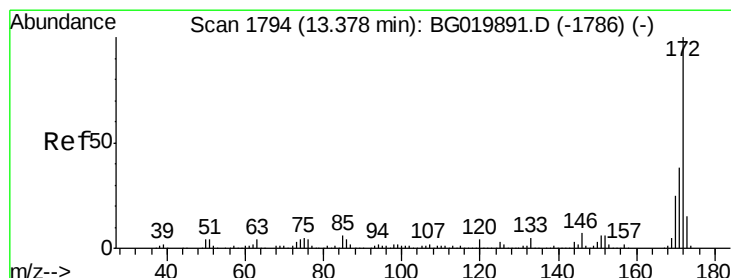
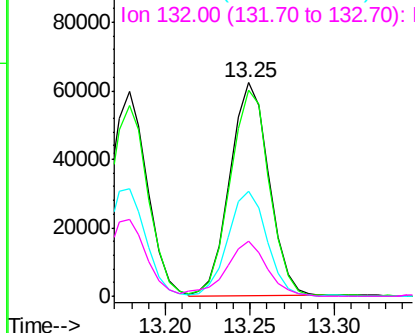
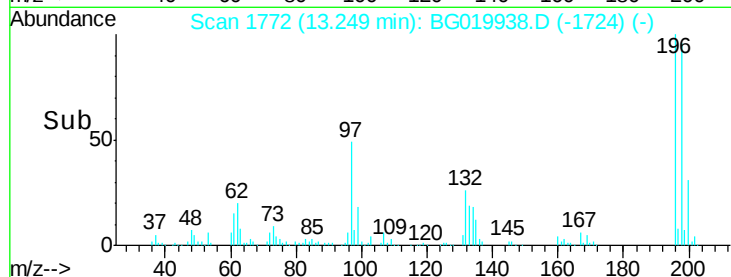
#43
 2,4,5-Trichlorophenol
 Concen: 38.24 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion:196 Resp: 99942
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.2 112.8
 97 49.2 34.2 51.2
 132 25.7 21.8 32.6

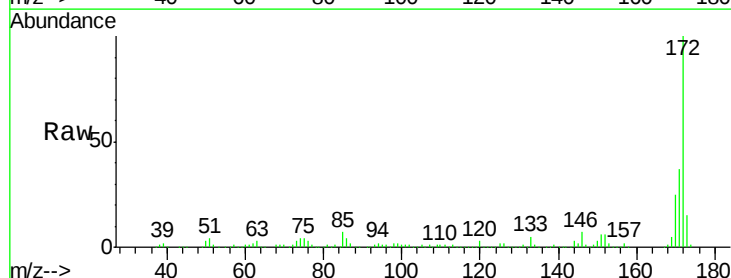


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

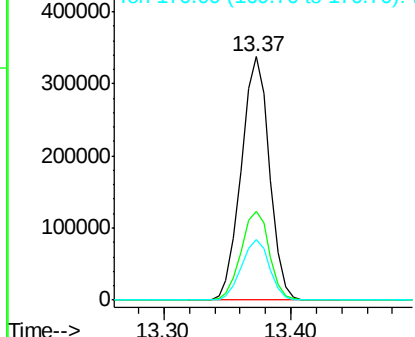
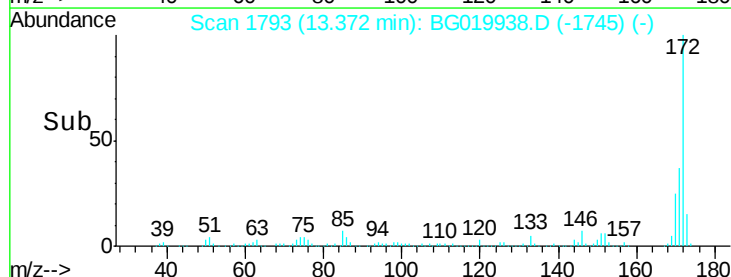


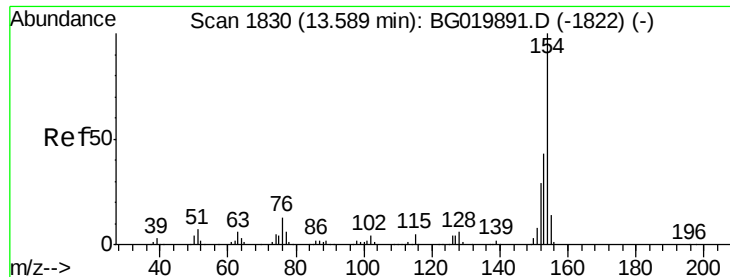
#44
 2-Fluorobiphenyl
 Concen: 71.92 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:172 Resp: 518337
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

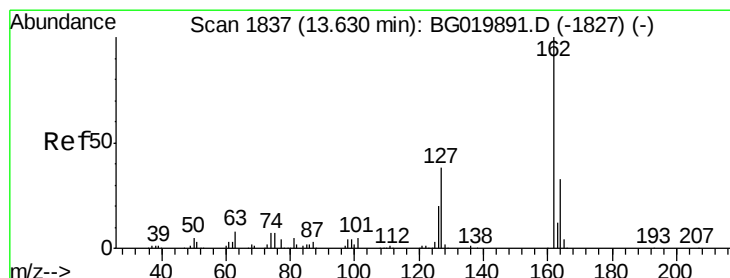
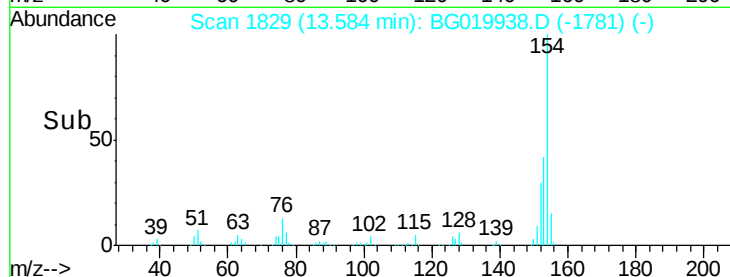
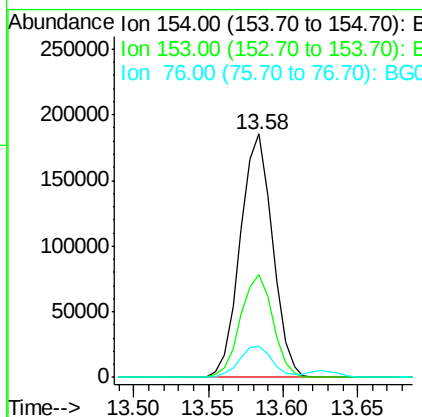
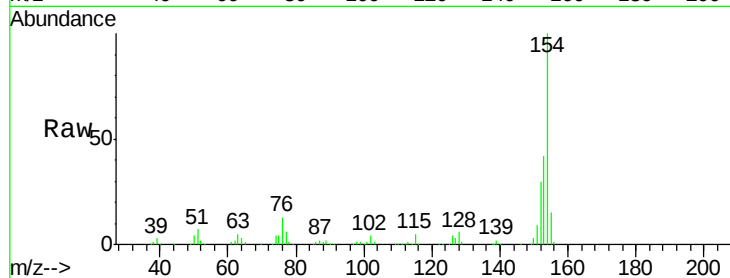




#45
 1,1'-Biphenyl
 Concen: 34.39 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

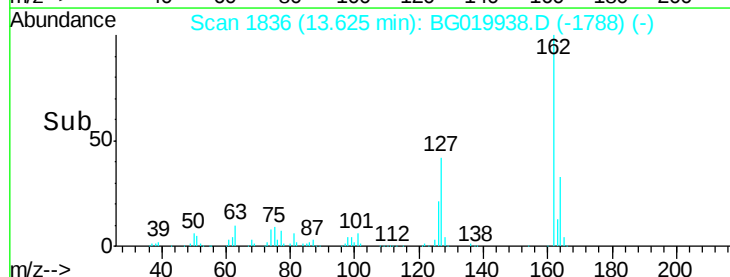
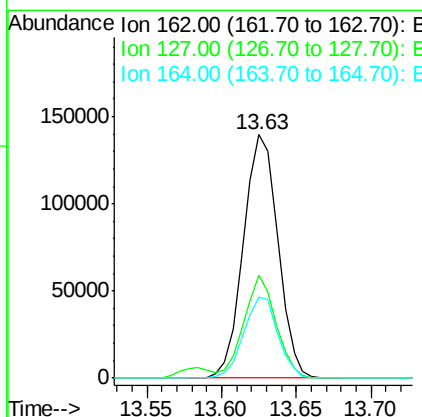
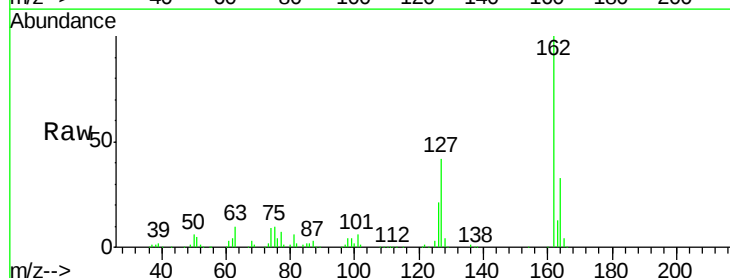
Instrument :
 BNA_G
 ClientSampleID :
 PB86993BS

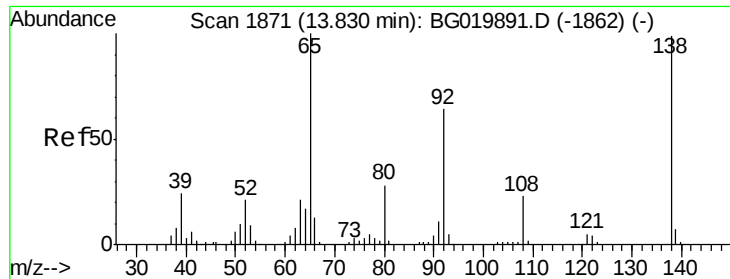
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	12.6	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 35.73 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	28.3	42.5
164	33.4	27.4	41.0

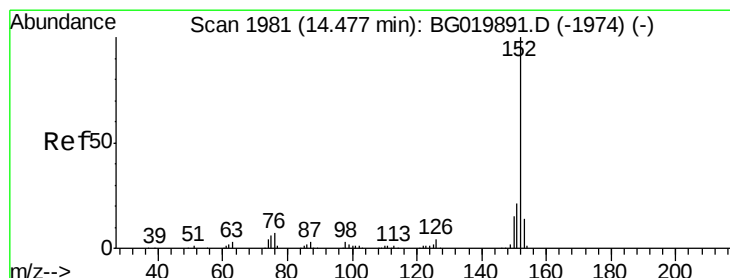
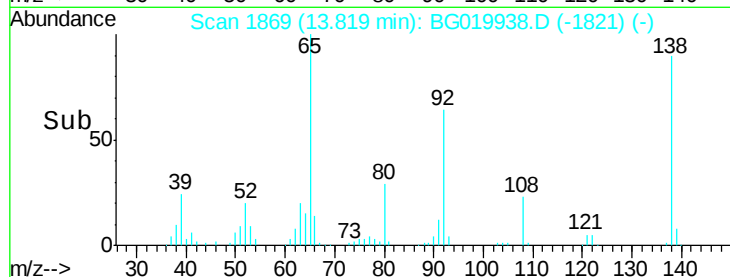
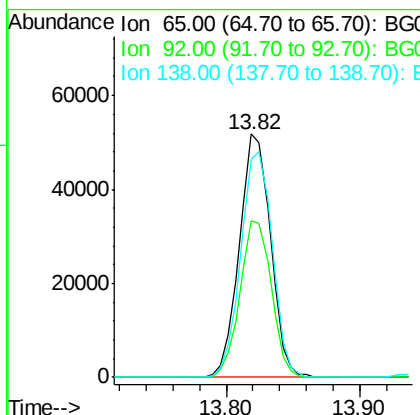
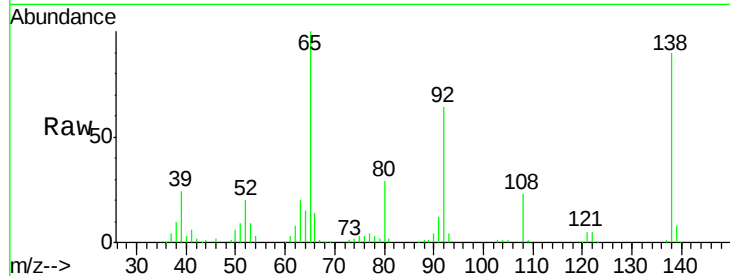




#47
2-Nitroaniline
Concen: 42.55 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

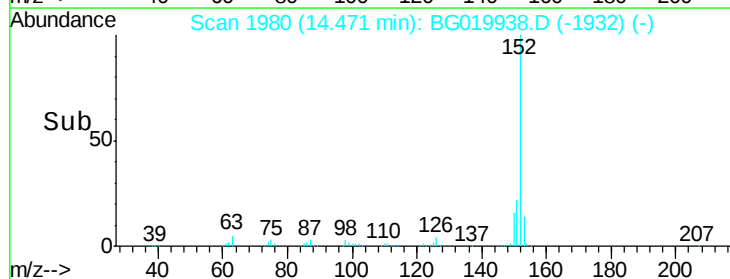
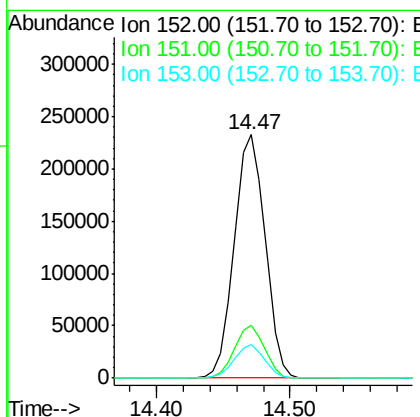
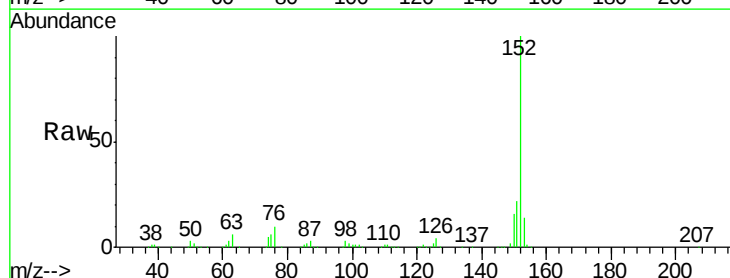
Instrument :
BNA_G
ClientSampleId :
PB86993BS

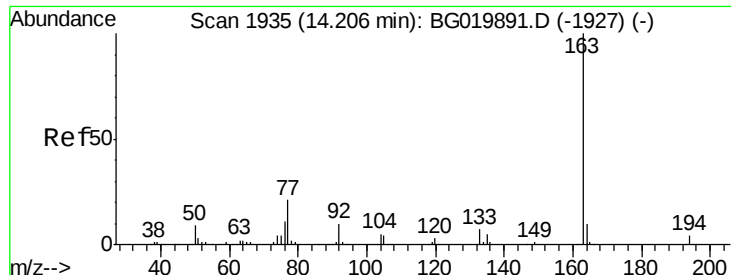
Tot Ion: 65 Resp: 83672
Ion Ratio Lower Upper
65 100
92 64.3 54.8 82.2
138 89.6 89.6 134.4



#48
Acenaphthylene
Concen: 35.16 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion: 152 Resp: 372834
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.4
153 13.8 10.4 15.6





#49

Dimethylphthalate

Concen: 35.21 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

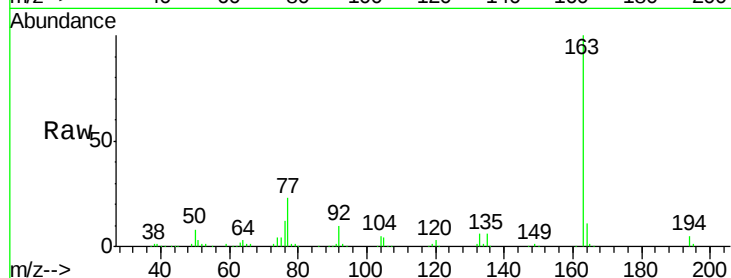
Tot Ion:163 Resp: 311737

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

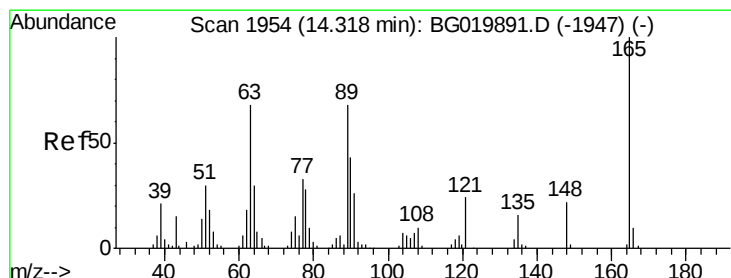
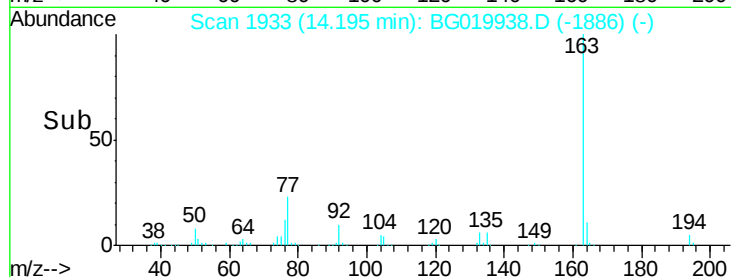
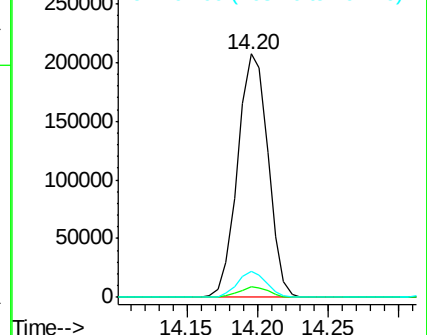
164 10.5 8.8 13.2



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: 41.09 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

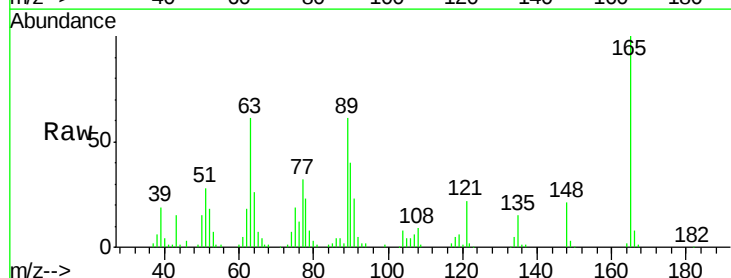
Tgt Ion:165 Resp: 68397

Ion Ratio Lower Upper

165 100

63 61.1 35.7 53.5#

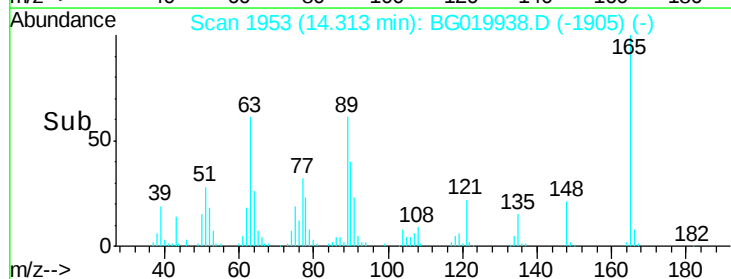
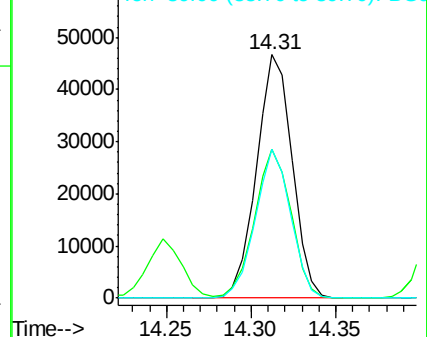
89 61.1 39.7 59.5#

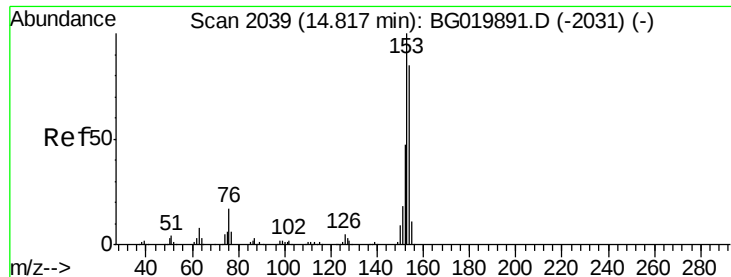


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.61 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

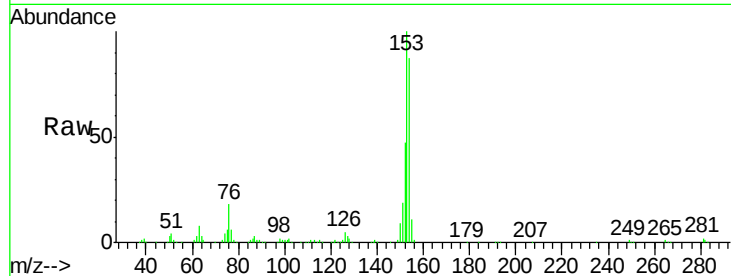
Tot Ion:154 Resp: 267728

Ion Ratio Lower Upper

154 100

153 115.3 92.9 139.3

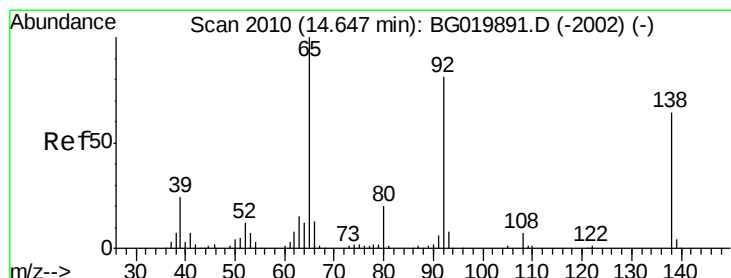
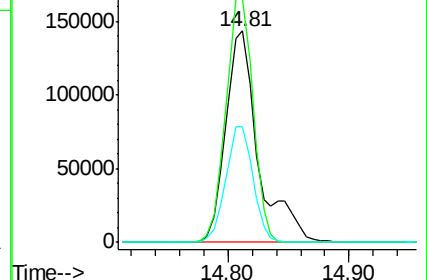
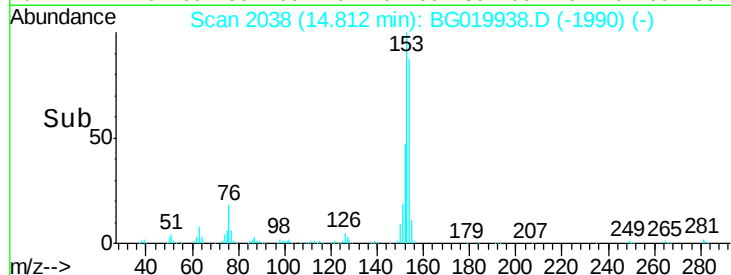
152 54.6 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.44 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

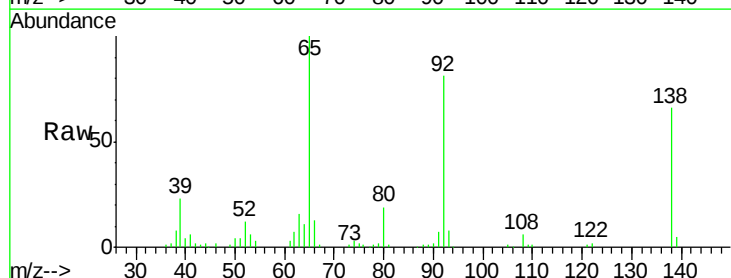
Tgt Ion:138 Resp: 43994

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

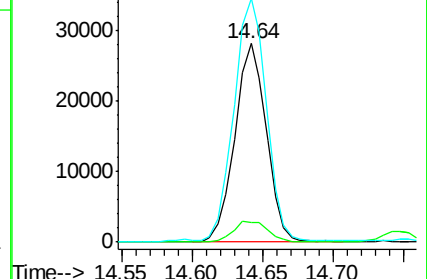
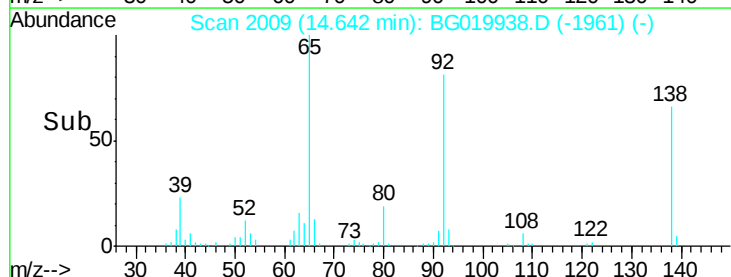
92 122.6 94.2 141.4

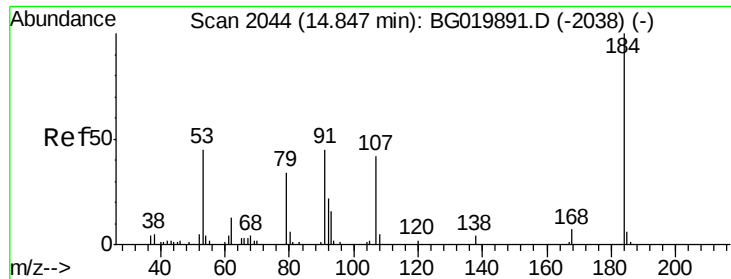


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

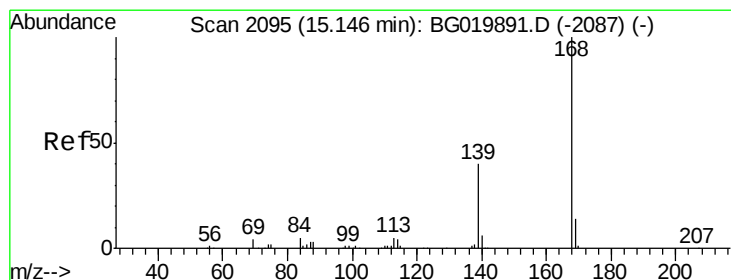
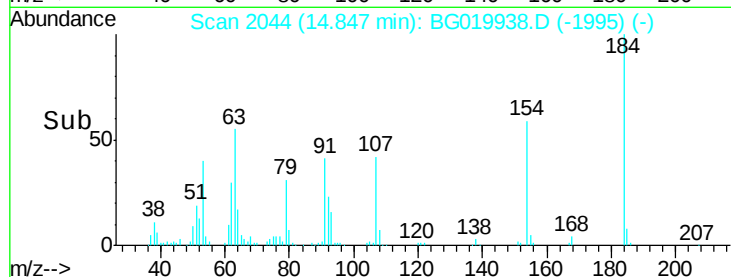
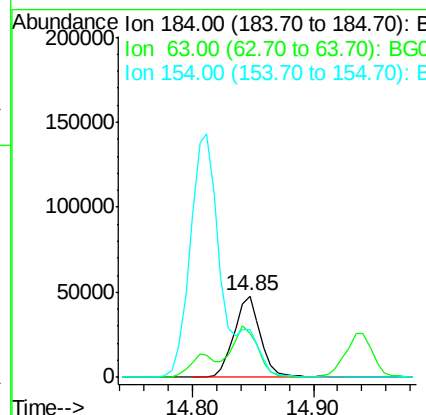
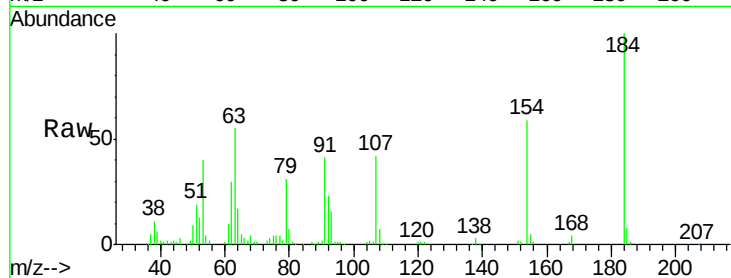




#53
2,4-Dinitrophenol
Concen: 82.07 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

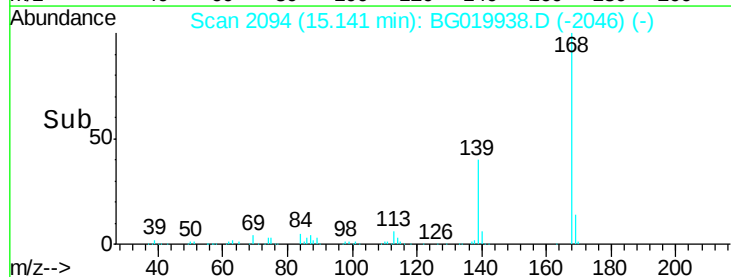
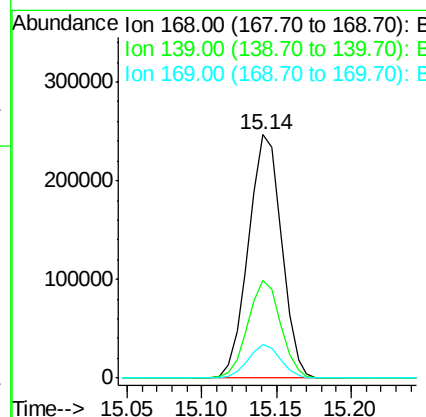
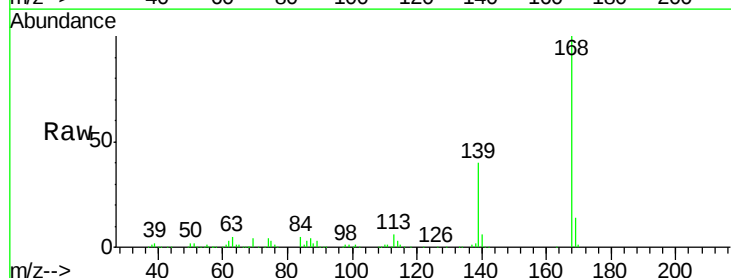
Instrument :
BNA_G
ClientSampleId :
PB86993BS

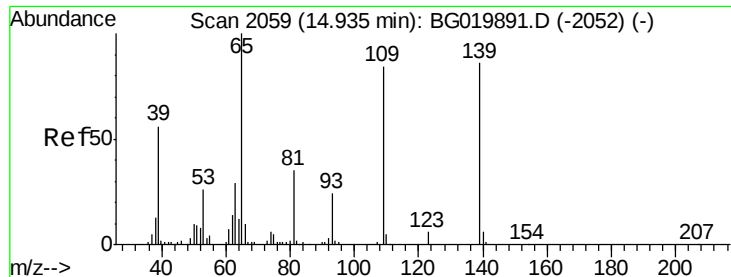
Tot Ion:184 Resp: 72928
Ion Ratio Lower Upper
184 100
63 54.5 42.7 64.1
154 58.5 44.3 66.5



#54
Dibenzofuran
Concen: 39.39 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:168 Resp: 377042
Ion Ratio Lower Upper
168 100
139 40.2 27.4 41.0
169 13.6 11.0 16.4

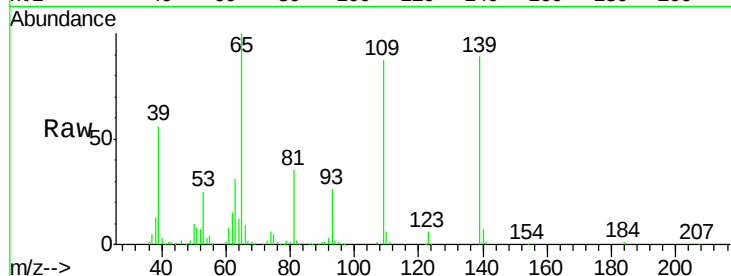




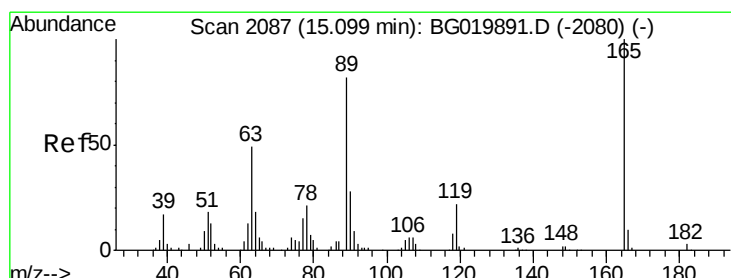
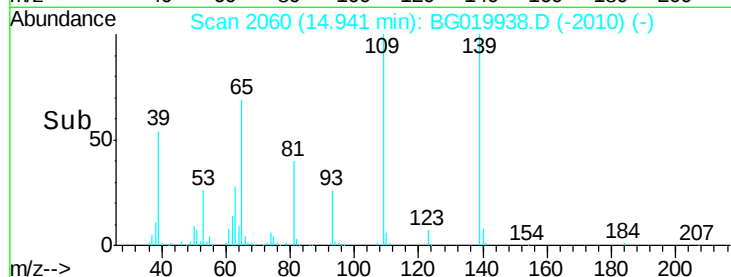
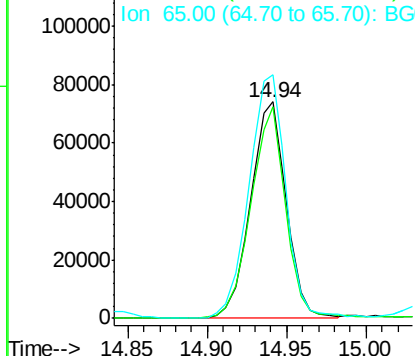
#55
4-Nitrophenol
Concen: 77.04 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion:139 Resp: 116015
Ion Ratio Lower Upper
139 100
109 97.5 43.2 83.2#
65 112.4 67.8 107.8#

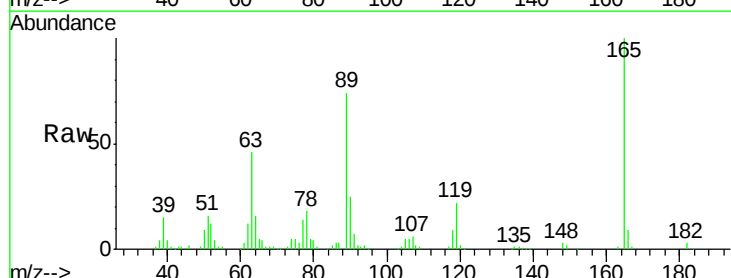


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

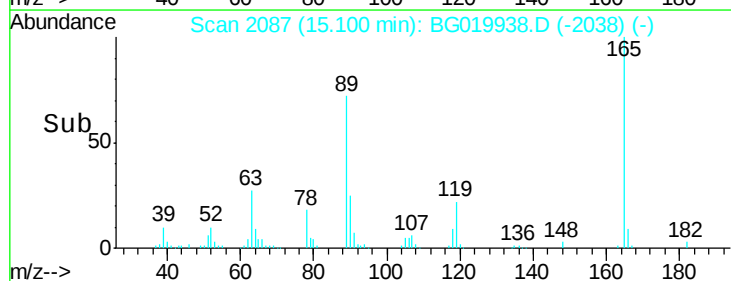
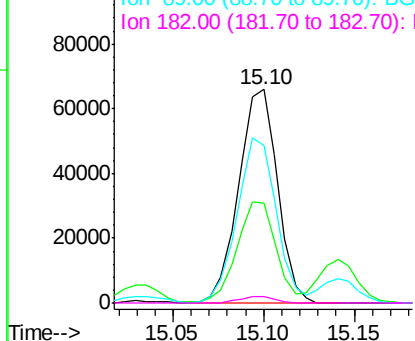


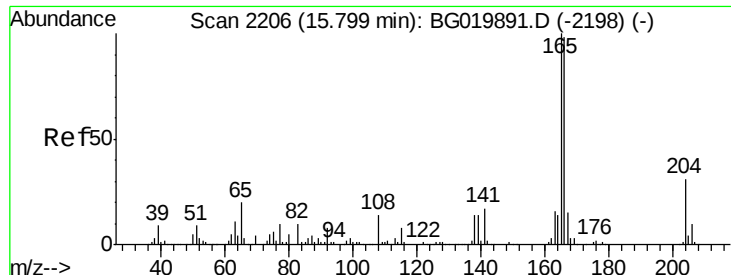
#56
2,4-Dinitrotoluene
Concen: 42.36 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:165 Resp: 98367
Ion Ratio Lower Upper
165 100
63 46.5 31.0 46.4#
89 73.7 54.4 81.6
182 3.2 1.6 2.4#



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

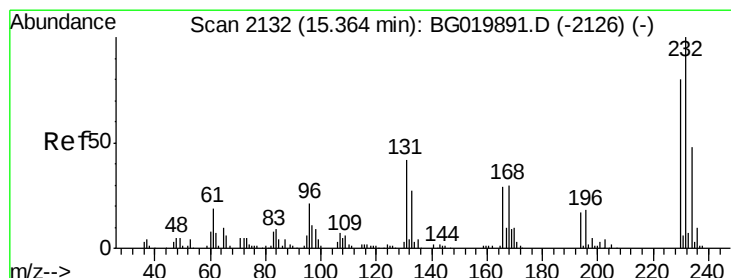
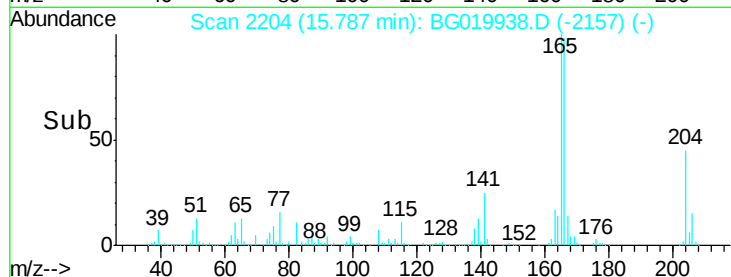
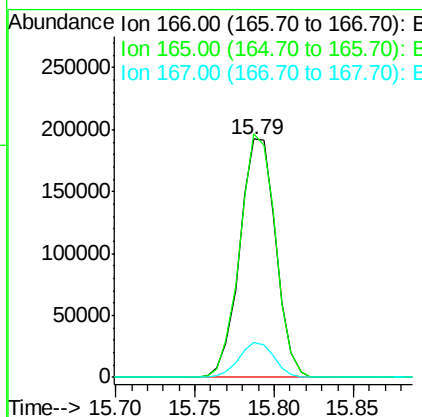
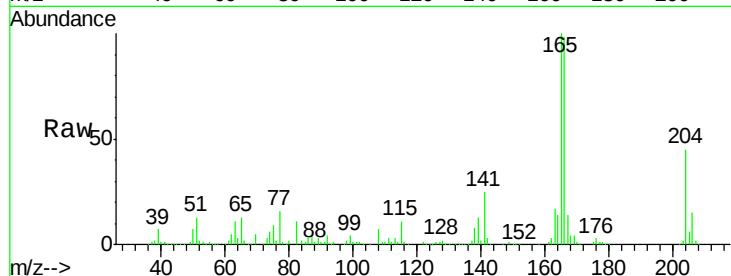




#57
 Fluorene
 Concen: 35.28 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

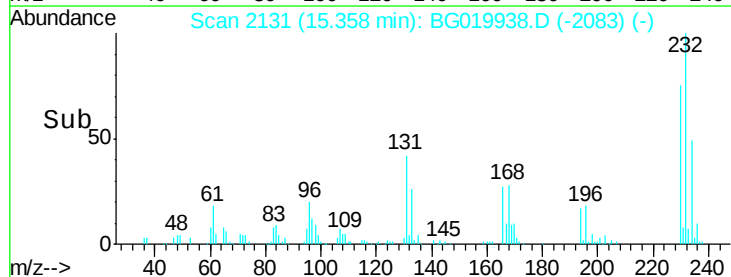
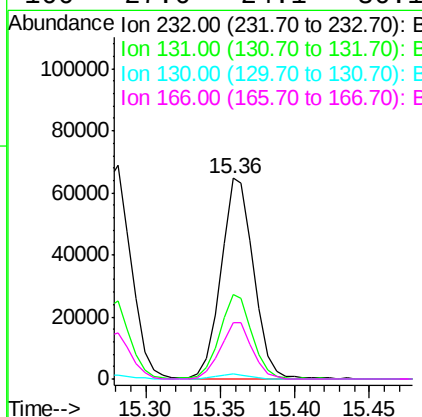
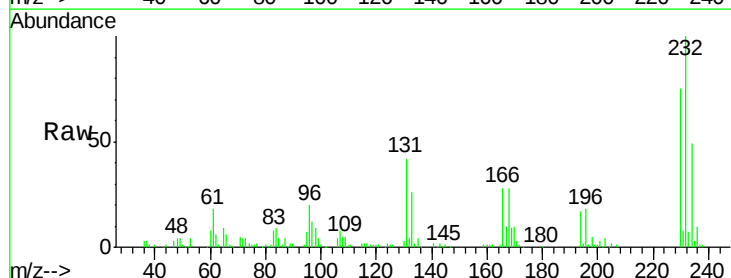
Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

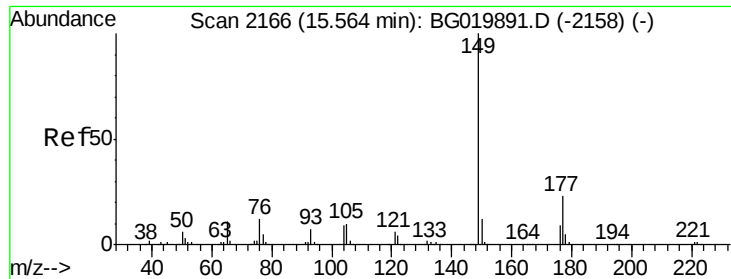
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	80.0	120.0
167	14.5	11.1	16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.02 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.0	49.6
130	2.3	2.0	3.0
166	27.6	24.1	36.1

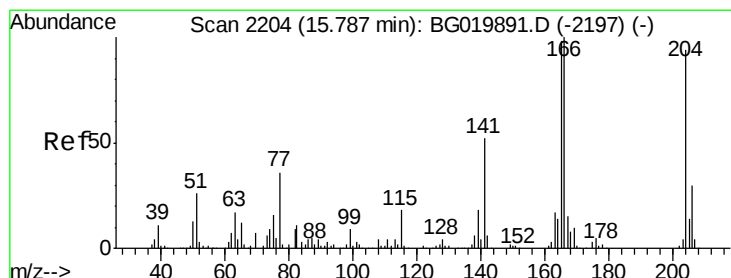
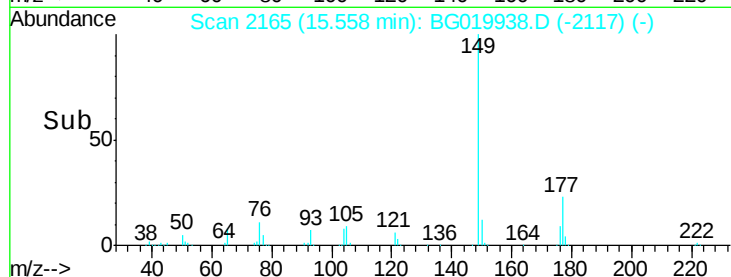
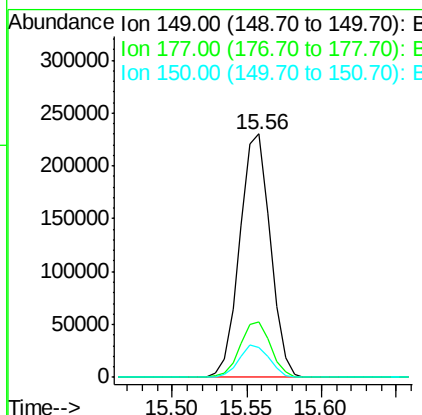
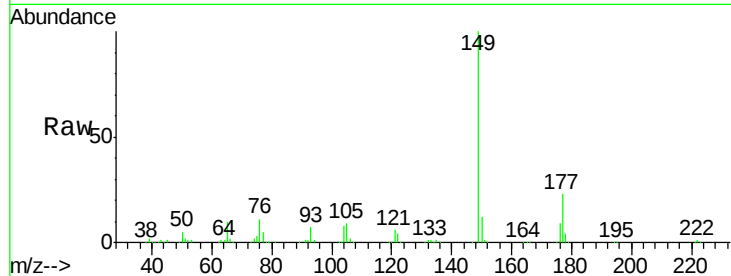




#59
Diethylphthalate
Concen: 34.07 ng
RT: 15.56 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

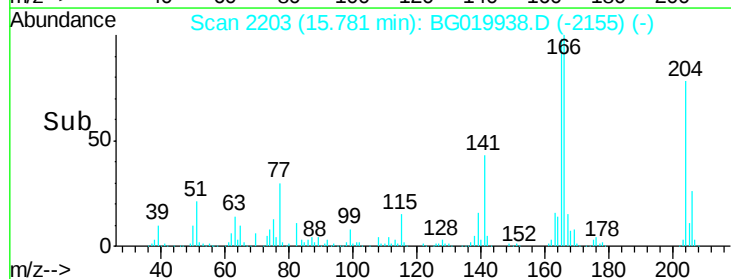
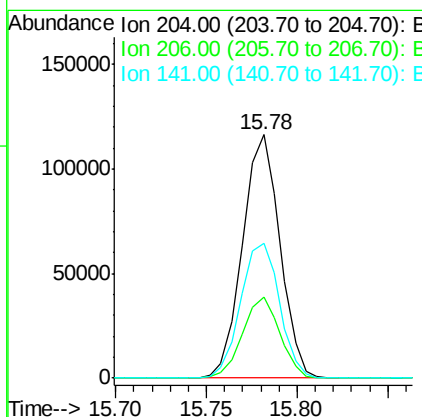
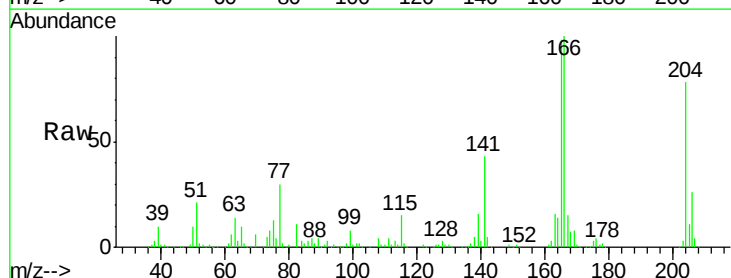
Instrument :
BNA_G
ClientSampleId :
PB86993BS

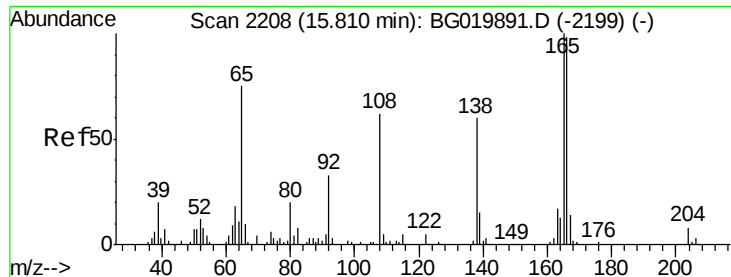
Tot Ion:149 Resp: 326399
Ion Ratio Lower Upper
149 100
177 22.8 19.6 29.4
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 33.96 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:204 Resp: 167044
Ion Ratio Lower Upper
204 100
206 33.2 28.3 42.5
141 55.4 44.0 66.0

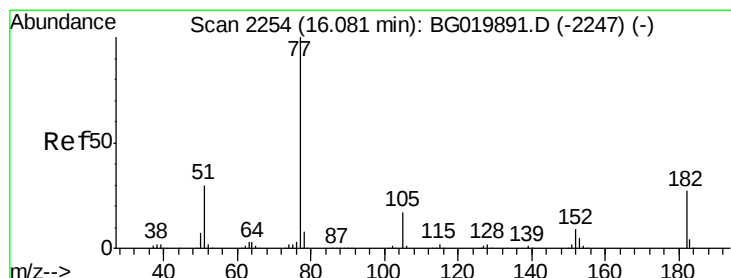
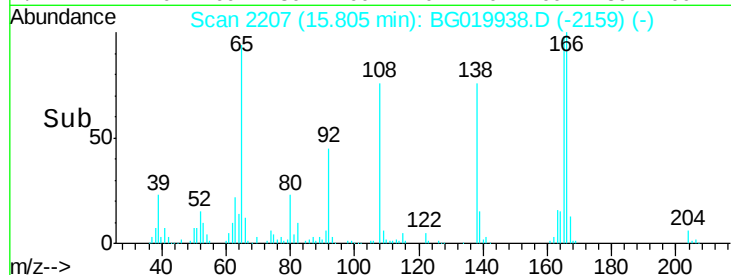
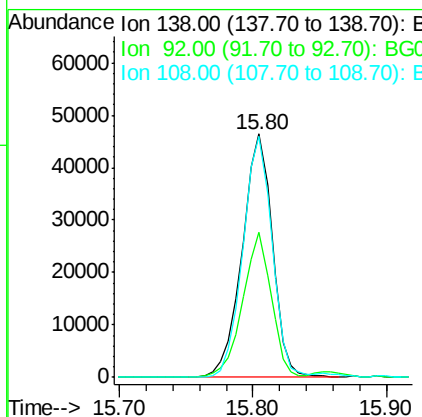
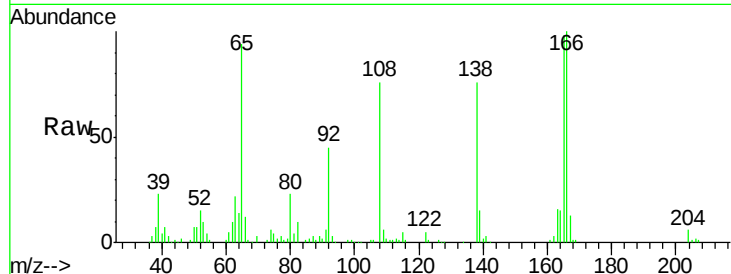




#61
4-Nitroaniline
Concen: 37.38 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

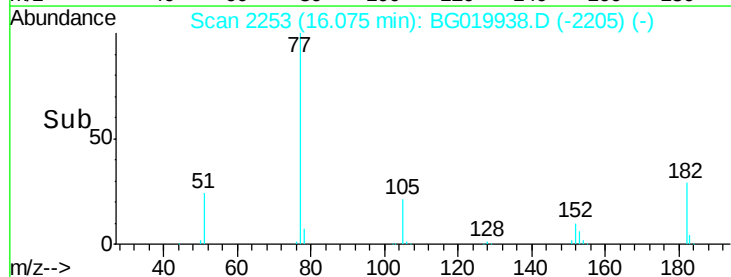
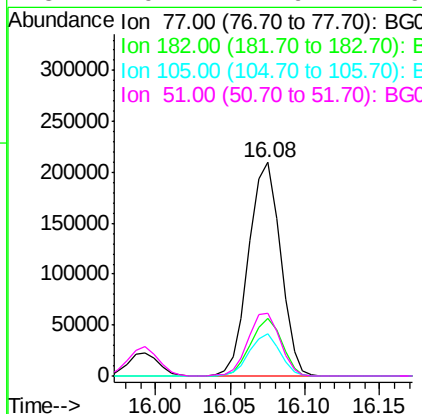
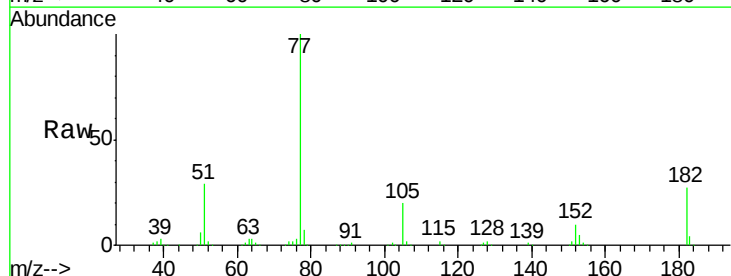
Instrument :
BNA_G
ClientSampleId :
PB86993BS

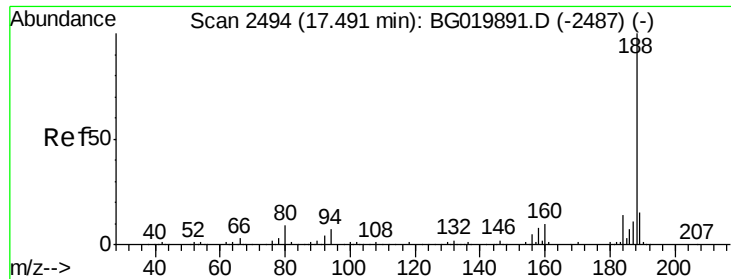
Tot Ion:138 Resp: 72691
Ion Ratio Lower Upper
138 100
92 59.5 29.1 69.1
108 99.1 49.8 89.8#



#62
Azobenzene
Concen: 38.97 ng
RT: 16.08 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion: 77 Resp: 310707
Ion Ratio Lower Upper
77 100
182 26.8 7.0 47.0
105 19.7 1.4 41.4
51 29.2 4.9 44.9

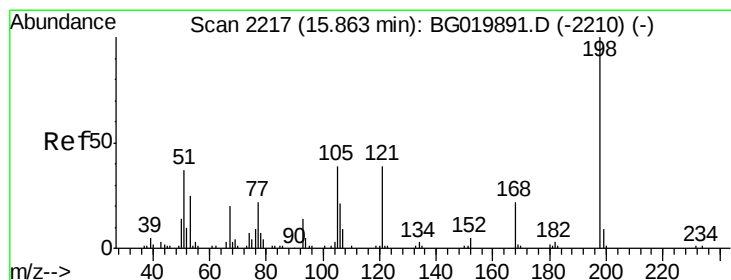
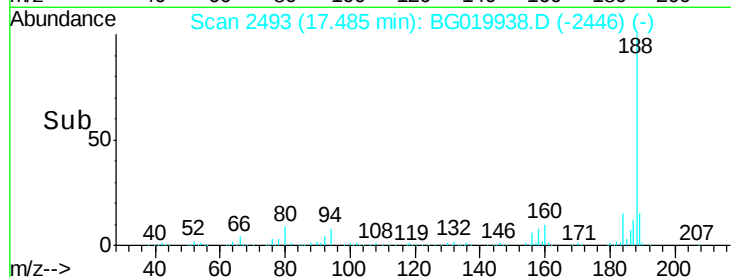
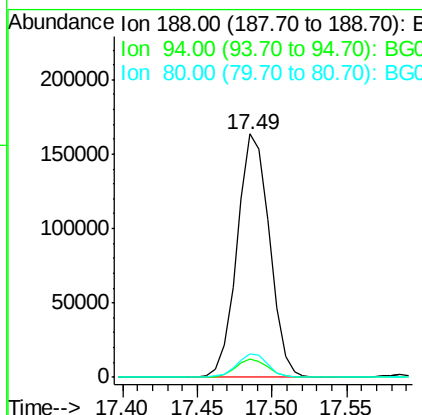
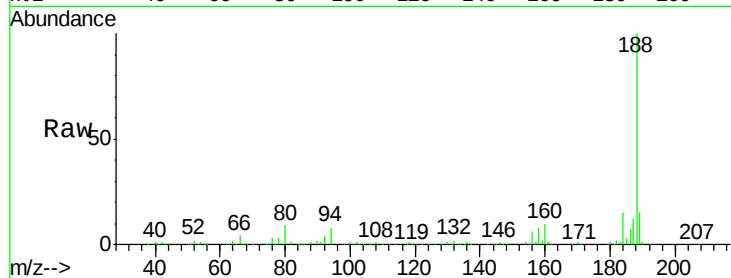




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

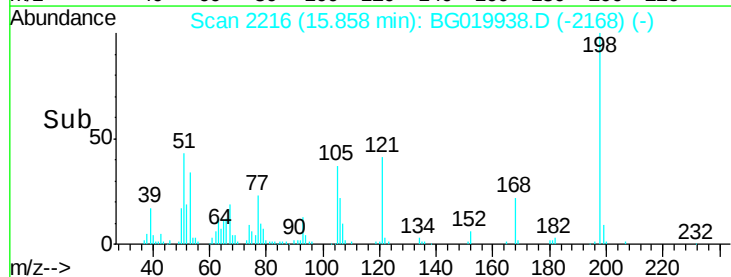
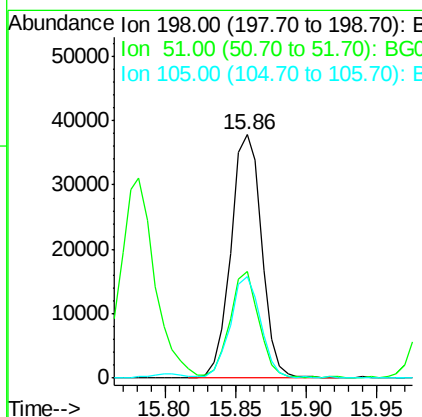
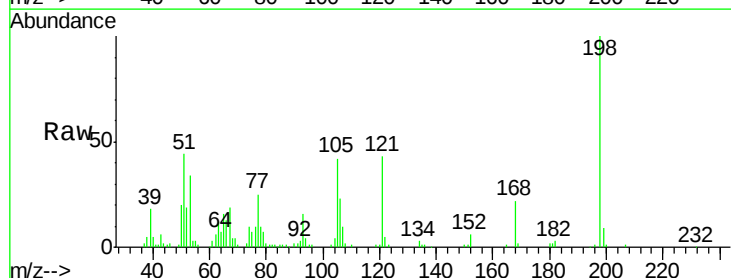
Instrument :
BNA_G
ClientSampleId :
PB86993BS

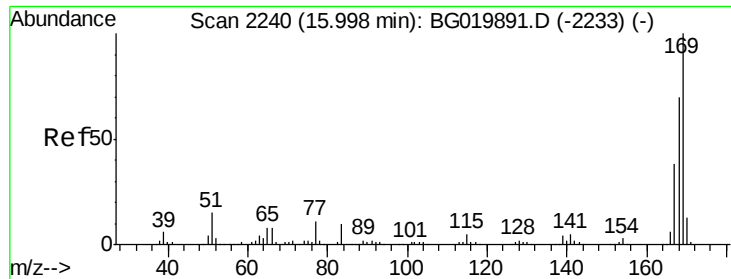
Tot Ion:188 Resp: 246689
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 9.4 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 42.27 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:198 Resp: 57420
Ion Ratio Lower Upper
198 100
51 44.0 14.2 54.2
105 41.6 21.1 61.1

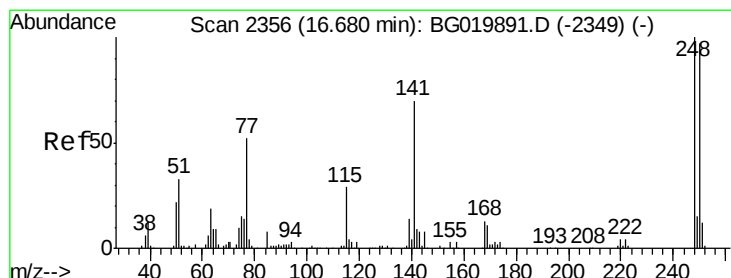
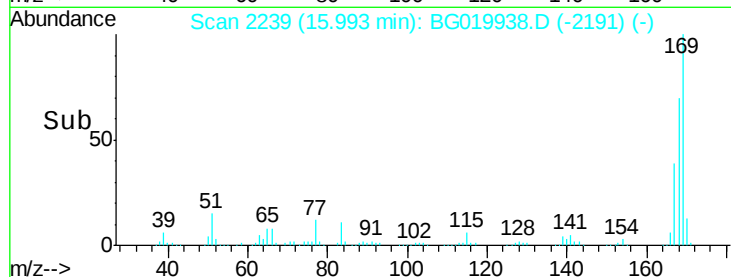
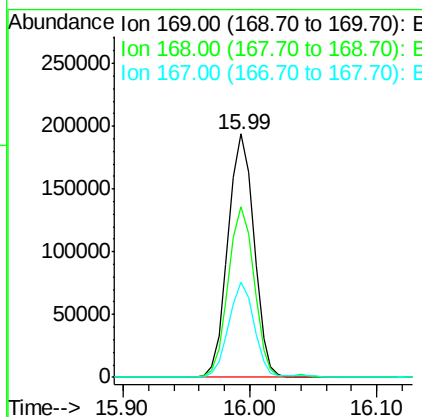
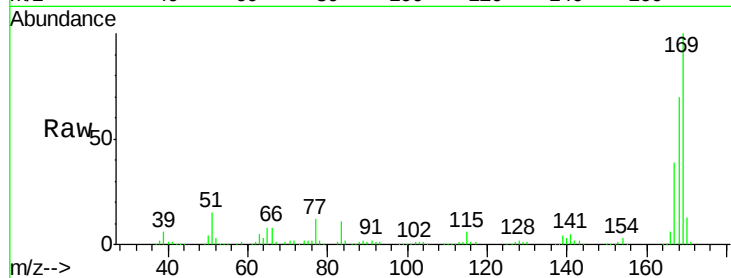




#65
n-Nitrosodiphenylamine
Concen: 38.61 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

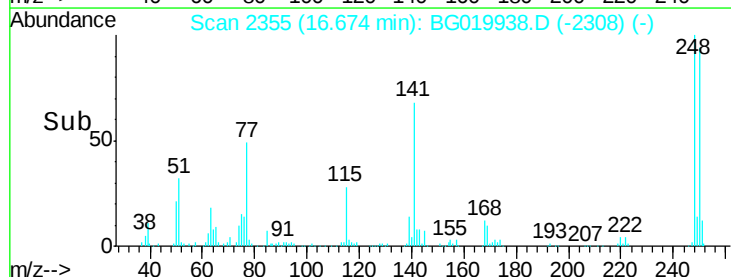
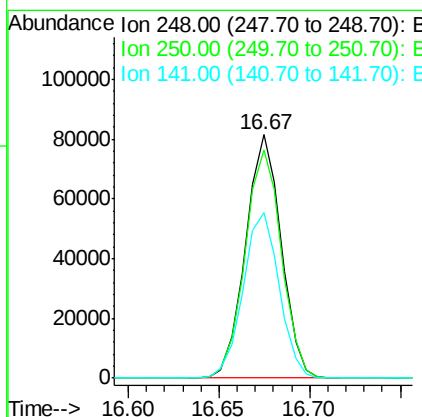
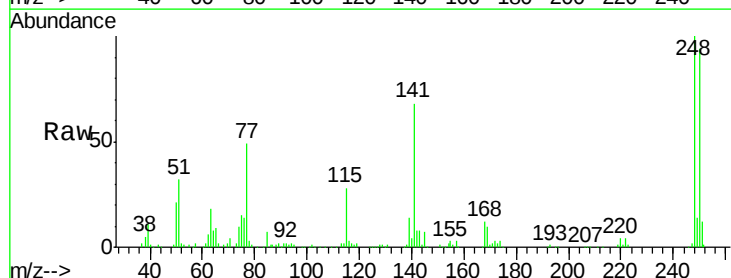
Instrument :
BNA_G
ClientSampleId :
PB86993BS

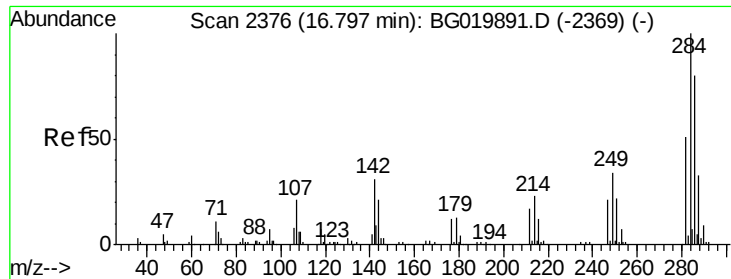
Tot Ion:169 Resp: 275641
Ion Ratio Lower Upper
169 100
168 69.9 58.2 87.2
167 39.2 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 36.19 ng
RT: 16.67 min Scan# 2355
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:248 Resp: 110926
Ion Ratio Lower Upper
248 100
250 93.9 77.8 116.8
141 67.7 50.4 75.6

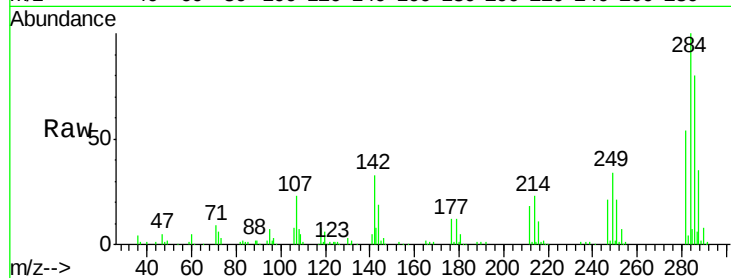




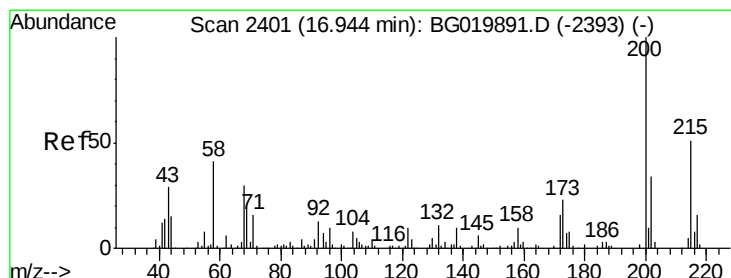
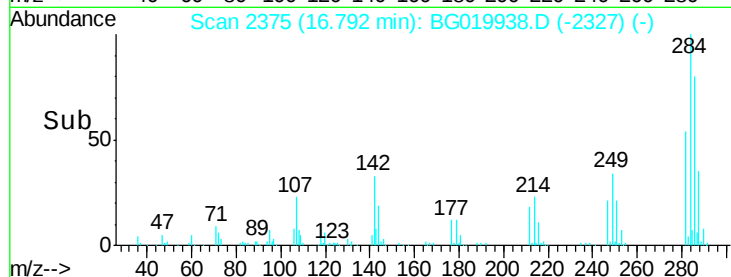
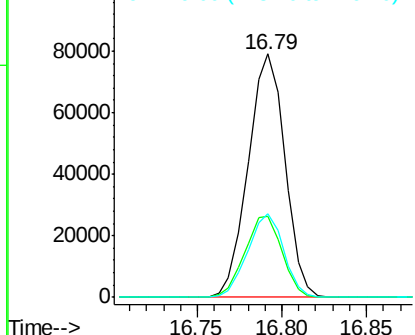
#67
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion:284 Resp: 120058
Ion Ratio Lower Upper
284 100
142 33.2 26.6 39.8
249 34.4 26.2 39.2

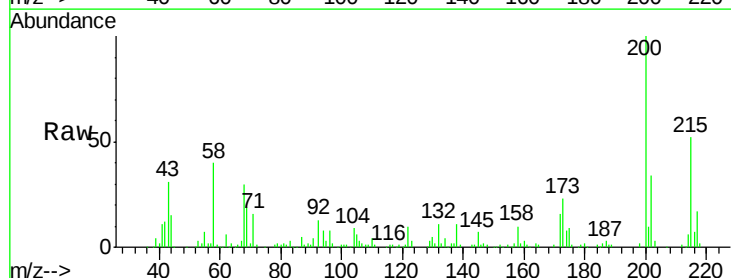


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

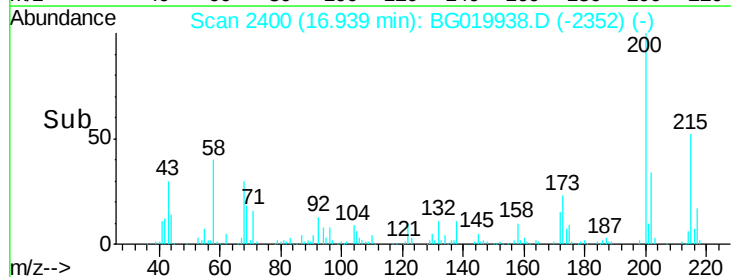
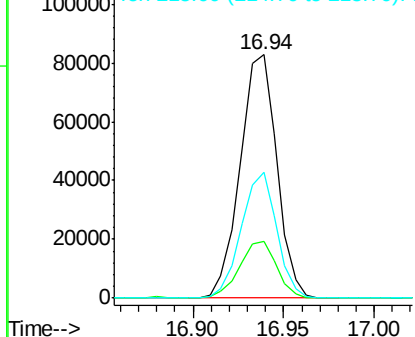


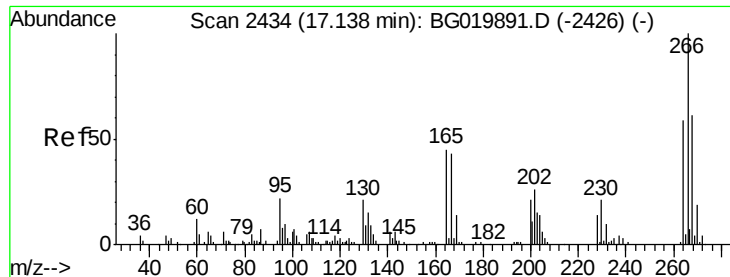
#68
Atrazine
Concen: 37.60 ng
RT: 16.94 min Scan# 2400
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:200 Resp: 116624
Ion Ratio Lower Upper
200 100
173 23.3 5.2 45.2
215 51.8 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

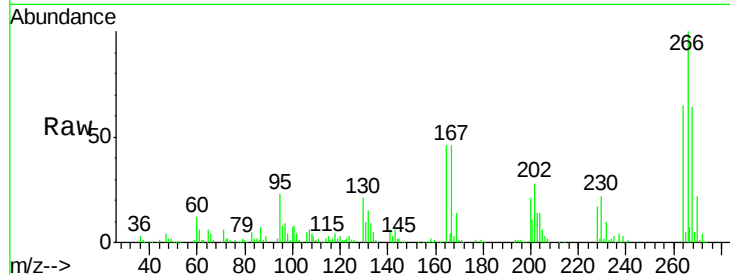




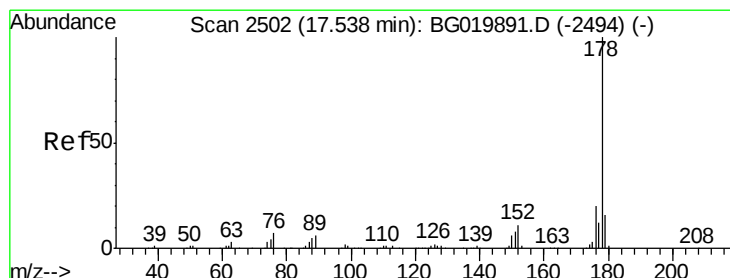
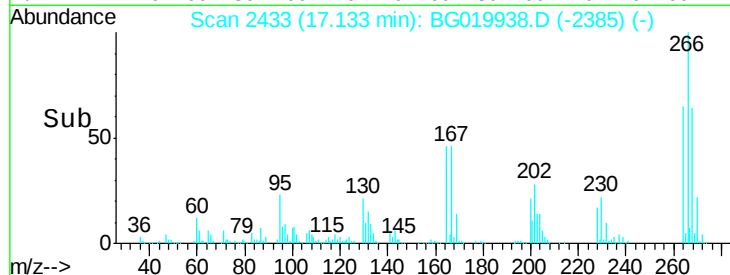
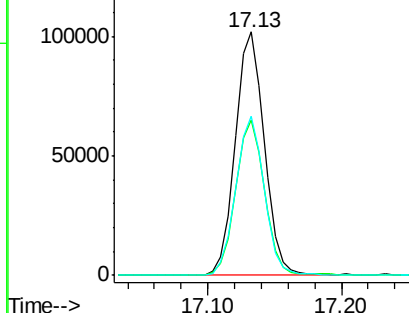
#69
 Pentachlorophenol
 Concen: 82.79 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion:266 Resp: 154303
 Ion Ratio Lower Upper
 266 100
 268 63.9 47.6 71.4
 264 65.4 48.1 72.1

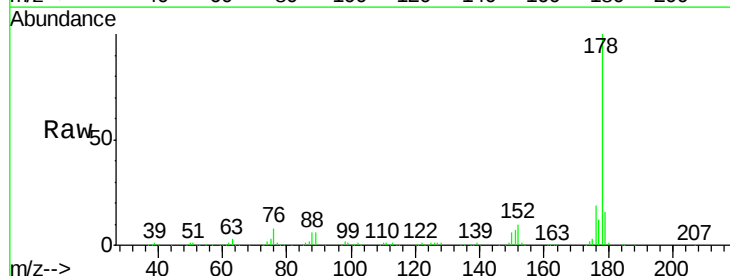


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

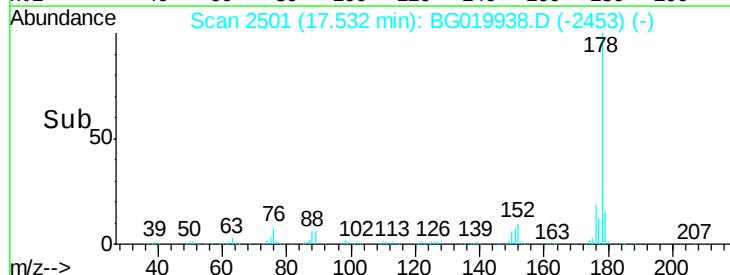
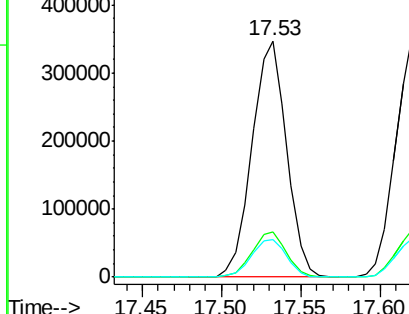


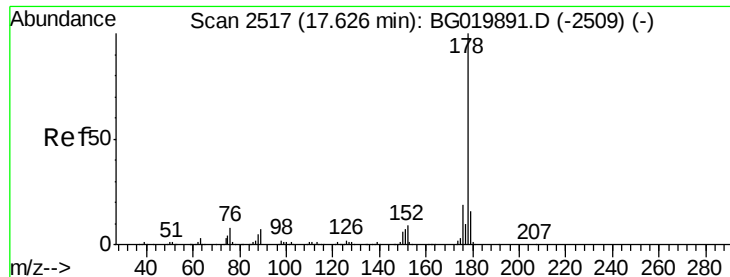
#70
 Phenanthrene
 Concen: 37.65 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:178 Resp: 525434
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.7 25.1
 179 15.8 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

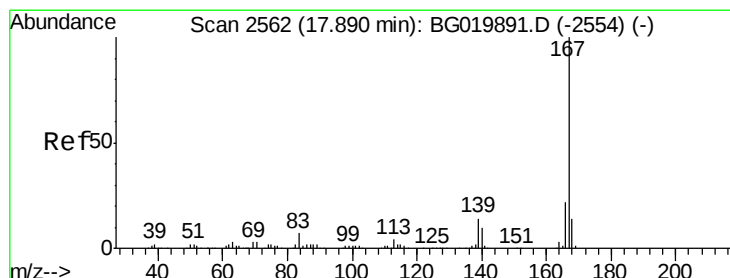
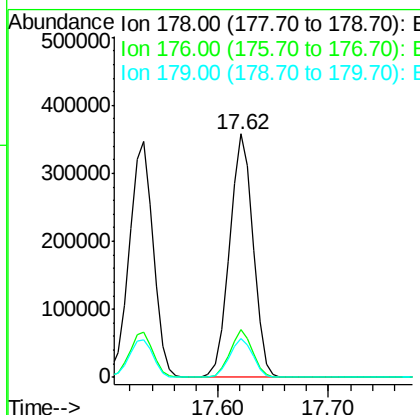
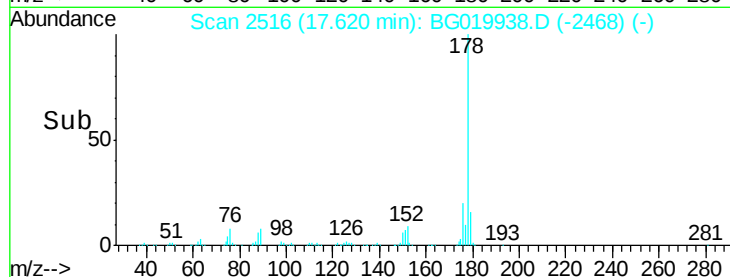
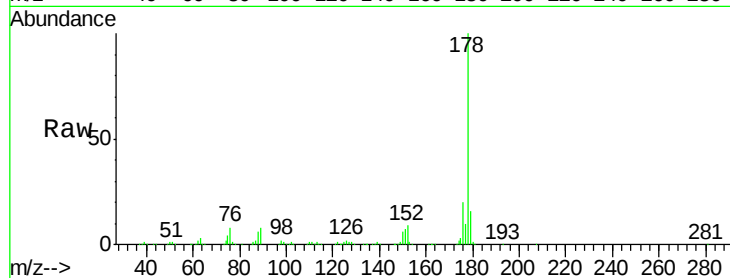




#71
 Anthracene
 Concen: 37.55 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

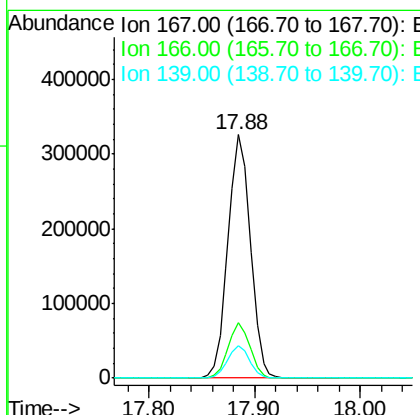
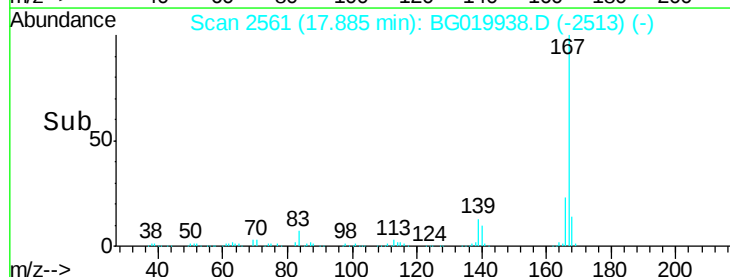
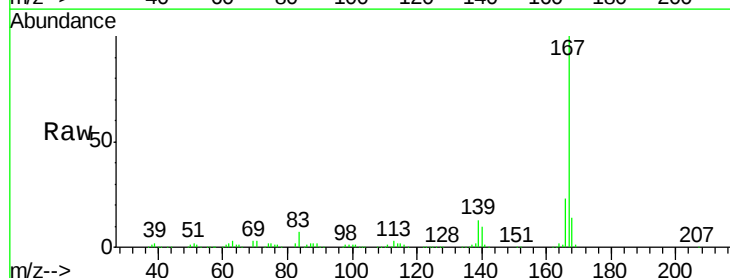
Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

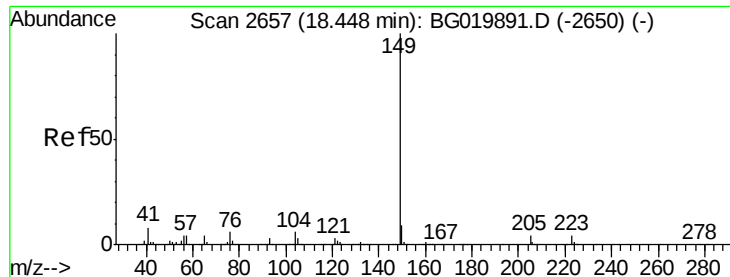
Tot Ion:178 Resp: 533811
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.8 25.2
 179 16.0 13.9 20.9



#72
 Carbazole
 Concen: 38.27 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:167 Resp: 479305
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.0 28.6
 139 13.4 10.2 15.4

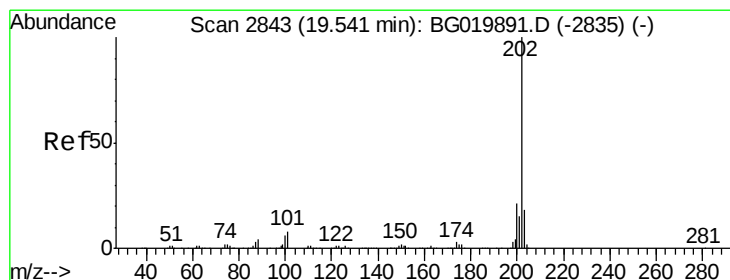
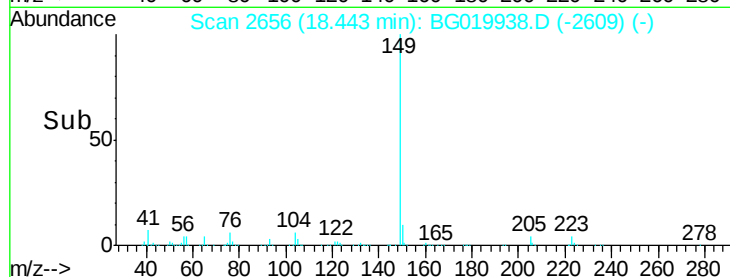
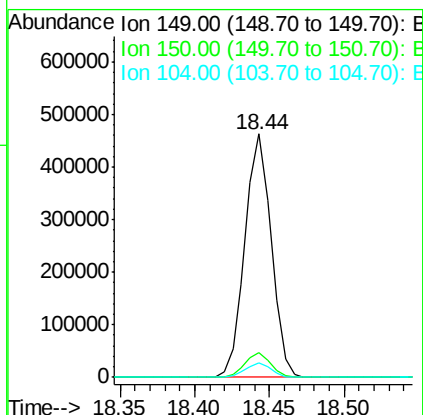
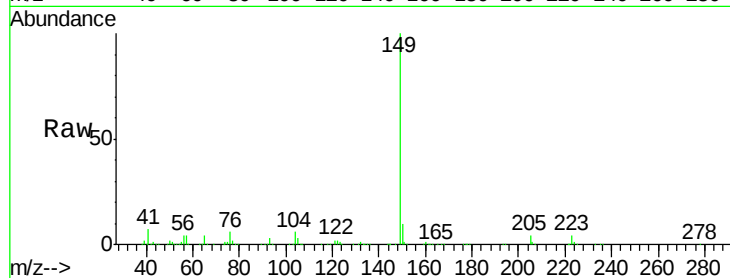




#73
Di-n-butylphthalate
Concen: 36.82 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

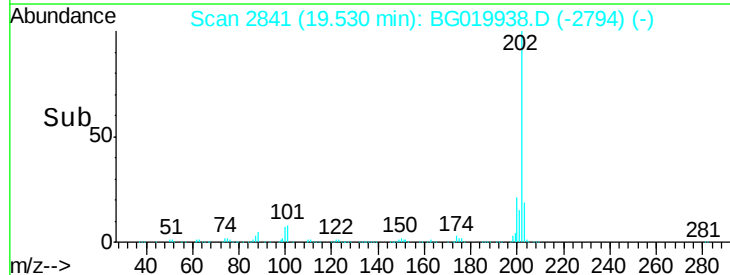
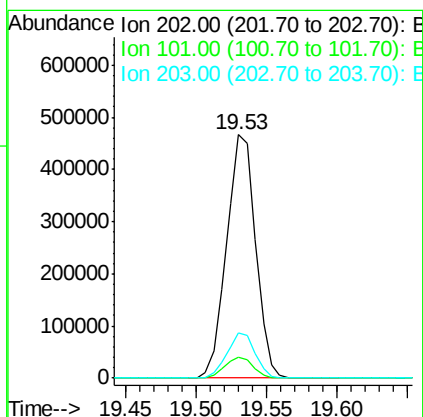
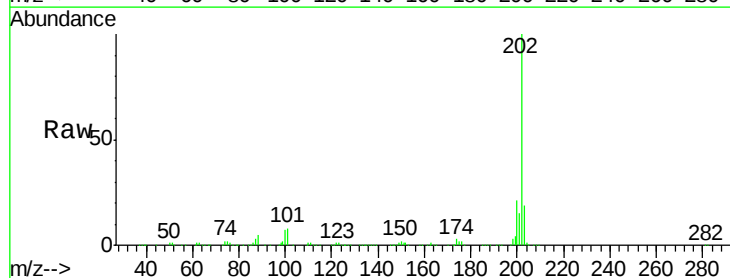
Instrument :
BNA_G
ClientSampleId :
PB86993BS

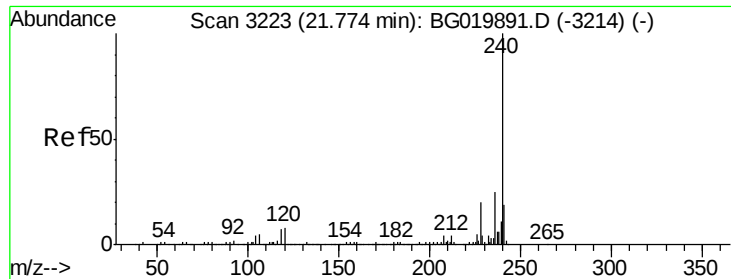
Tot Ion:149 Resp: 565198
Ion Ratio Lower Upper
149 100
150 9.9 8.2 12.4
104 5.8 4.4 6.6



#74
Fluoranthene
Concen: 37.24 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:202 Resp: 664871
Ion Ratio Lower Upper
202 100
101 8.5 0.0 32.4
203 18.6 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

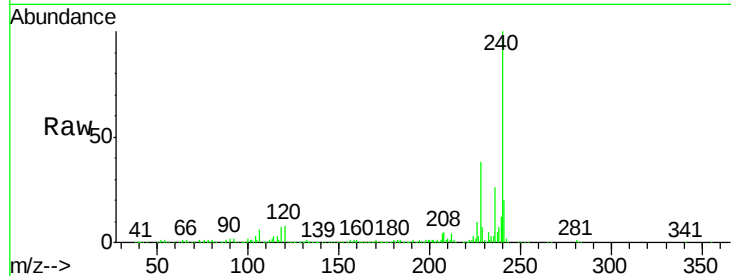
Tot Ion:240 Resp: 298640

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

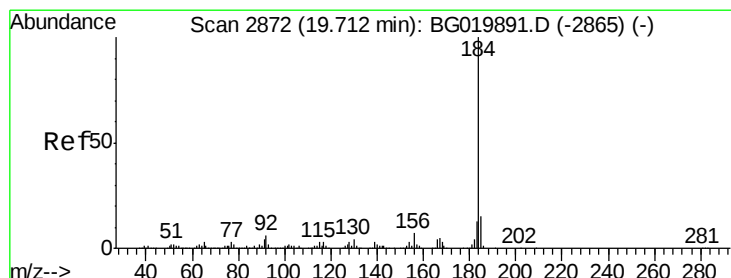
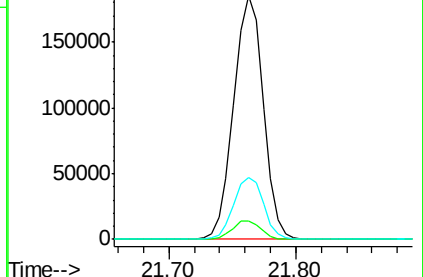
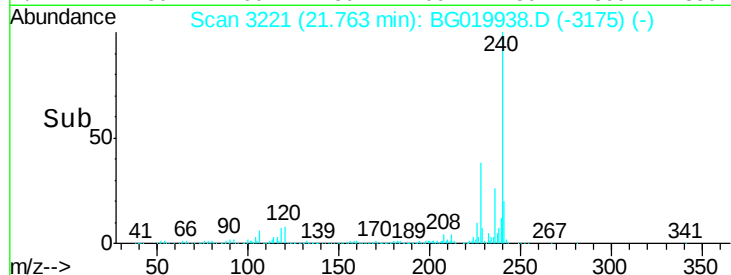
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.09 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

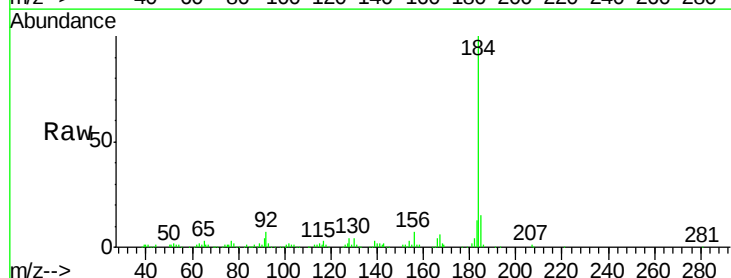
Tgt Ion:184 Resp: 187257

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

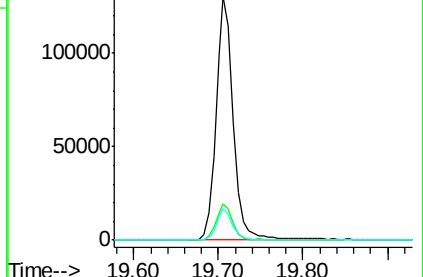
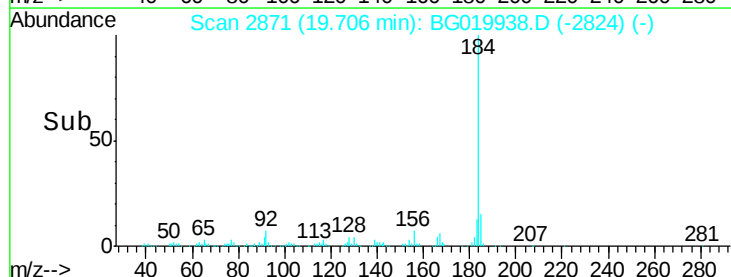
183 12.7 10.1 15.1

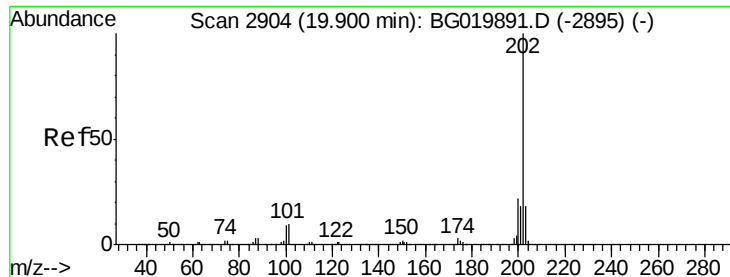


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.70 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

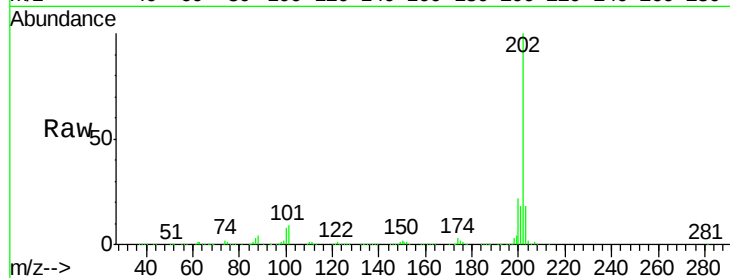
Tot Ion:202 Resp: 680020

Ion Ratio Lower Upper

202 100

200 21.5 19.4 29.0

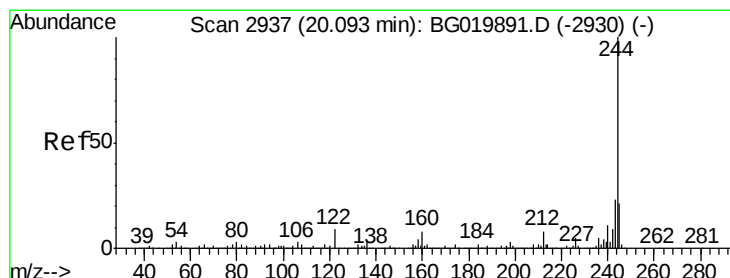
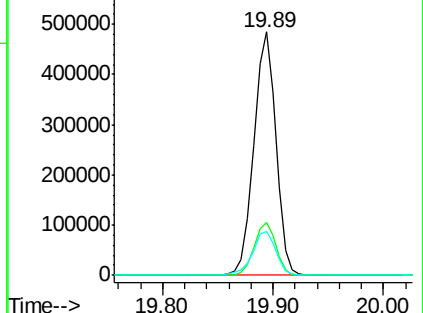
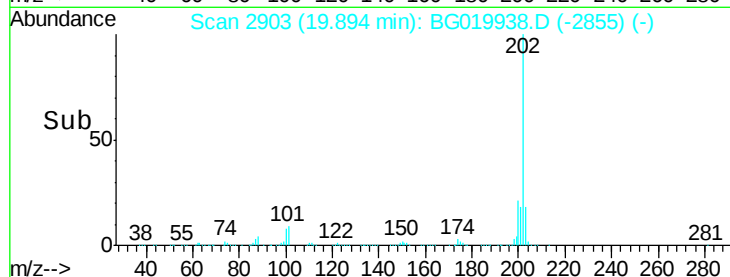
203 18.0 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.12 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

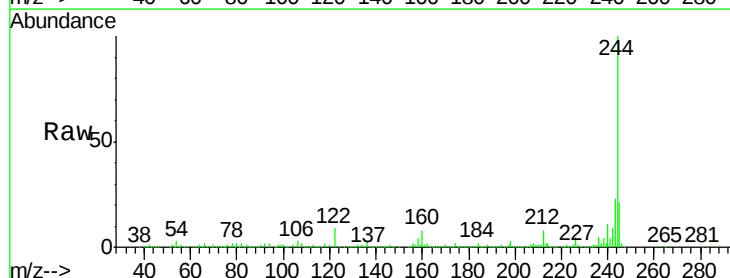
Tgt Ion:244 Resp: 919744

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

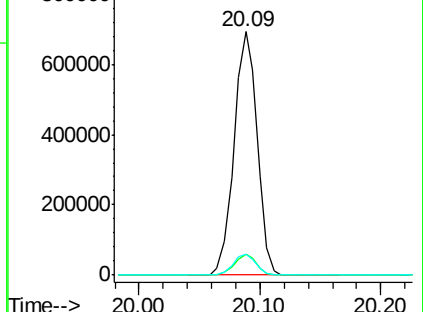
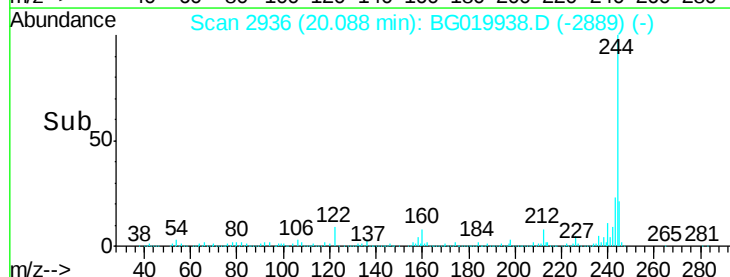
122 8.6 10.2 15.2#

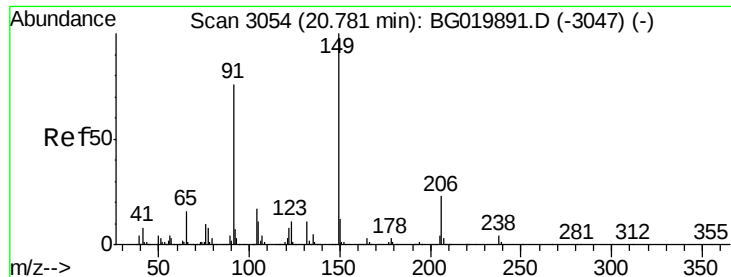


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

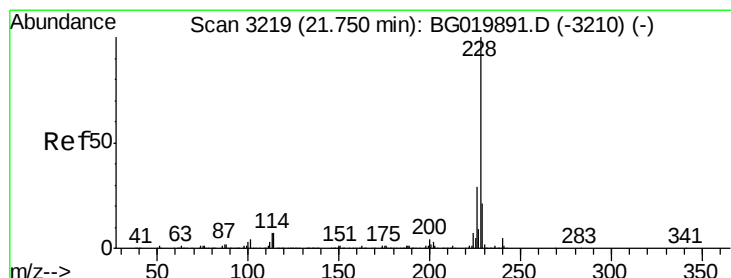
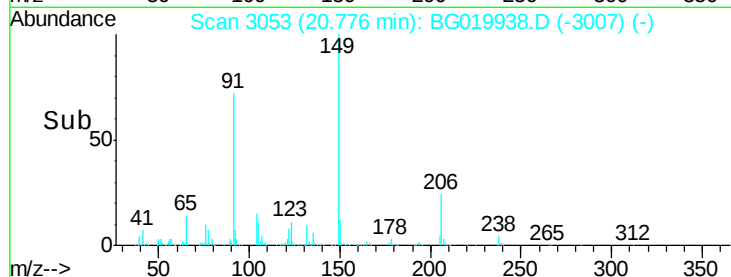
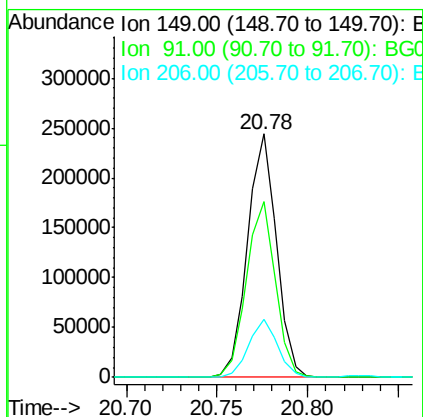
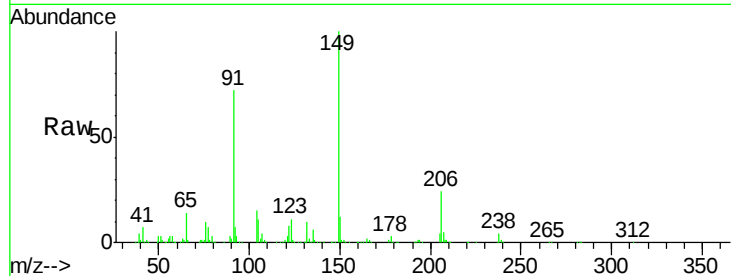




#79
Butylbenzylphthalate
Concen: 39.29 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.03 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

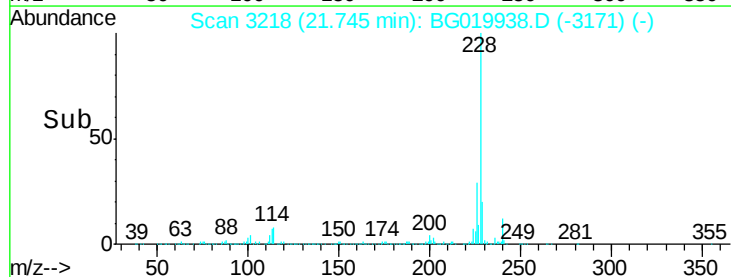
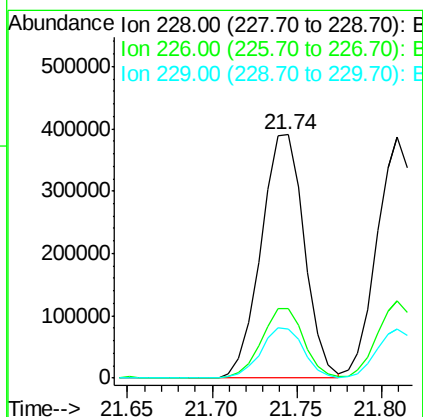
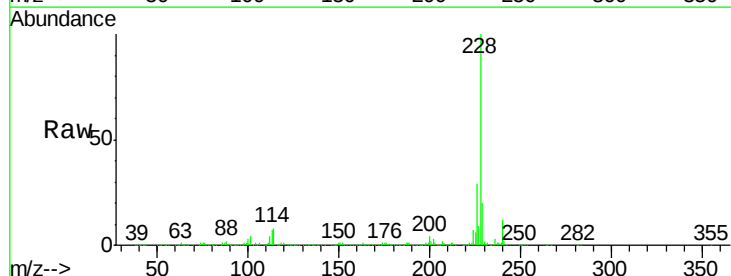
Instrument :
BNA_G
ClientSampleId :
PB86993BS

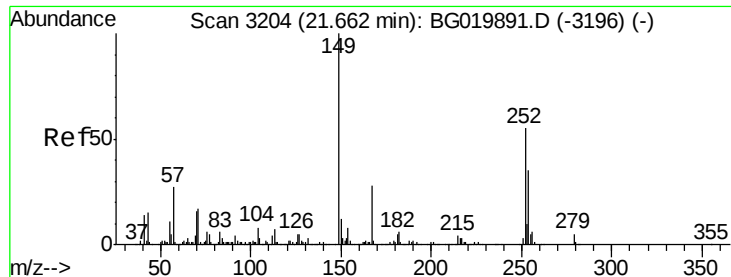
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.0	58.1	87.1
206	23.7	17.8	26.8



#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	20.4	16.6	25.0

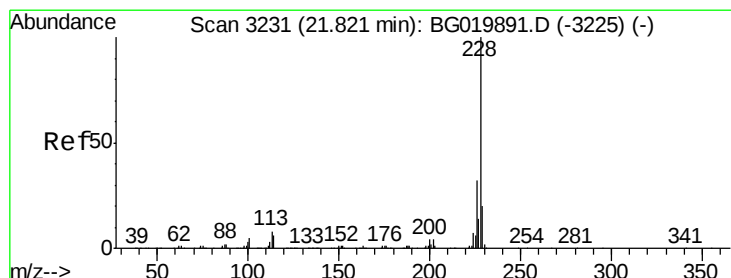
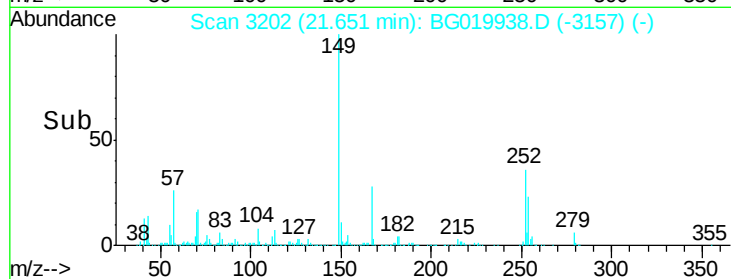
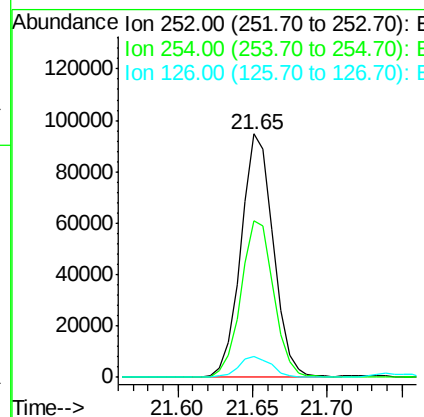
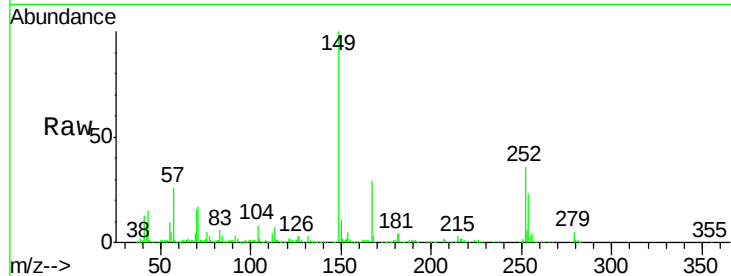




#81
 3,3'-Dichlorobenzidine
 Concen: 20.51 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

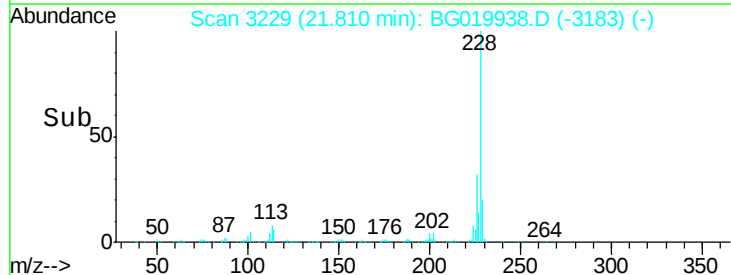
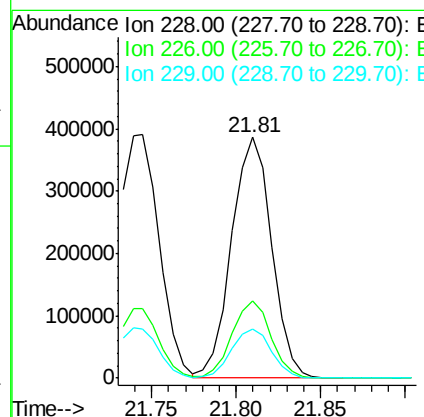
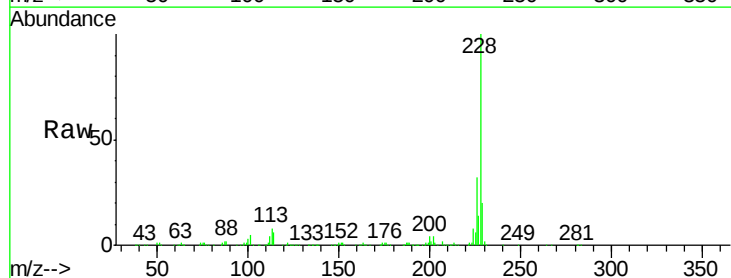
Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

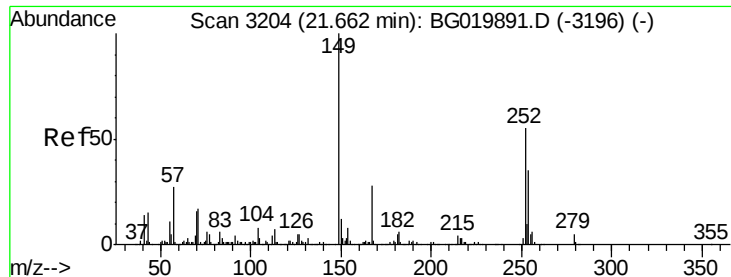
Tot Ion:252 Resp: 142767
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.5 78.7
 126 8.6 8.5 12.7



#82
 Chrysene
 Concen: 36.57 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:228 Resp: 634824
 Ion Ratio Lower Upper
 228 100
 226 31.9 26.7 40.1
 229 20.2 17.0 25.6

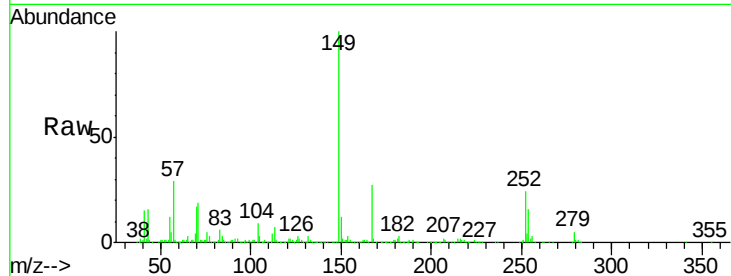




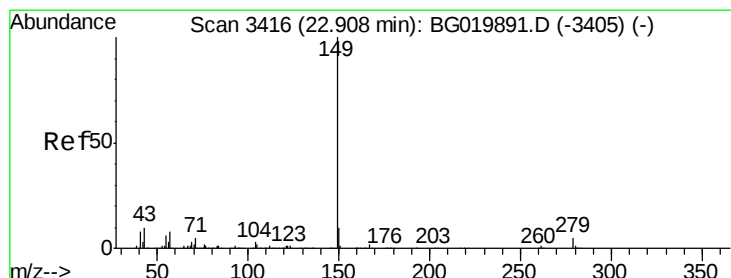
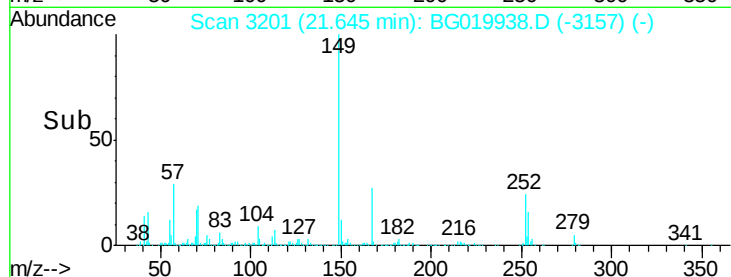
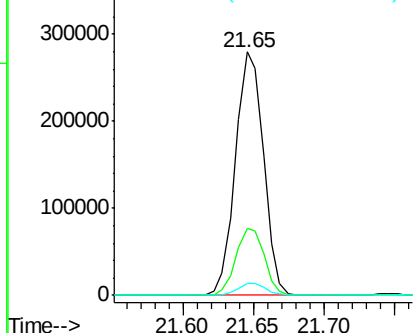
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.37 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.8	35.8
279	4.7	3.4	5.2

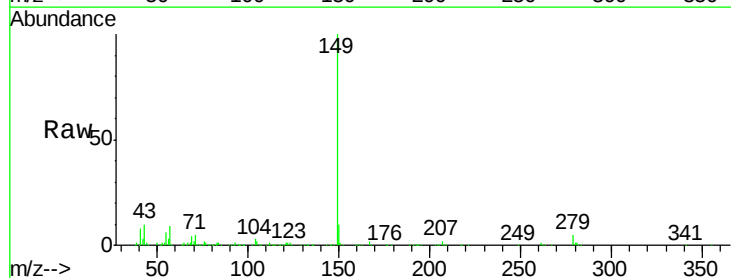


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

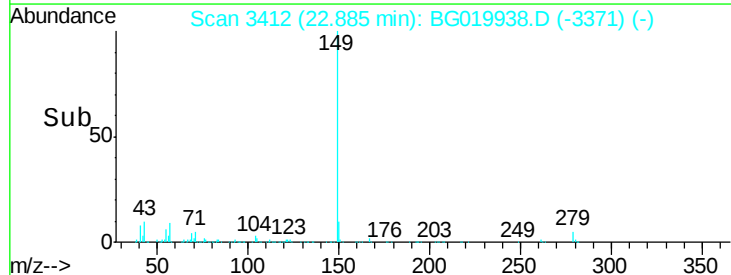
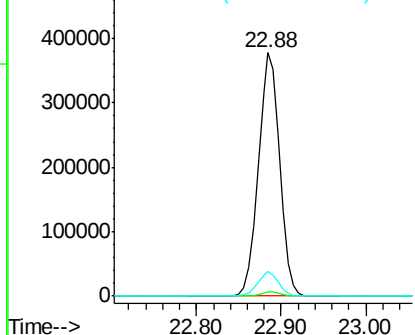


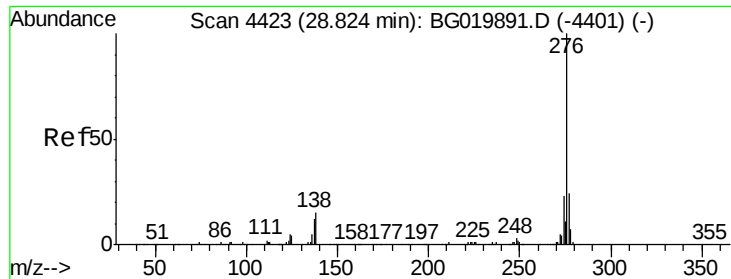
#84
 Di-n-octyl phthalate
 Concen: 40.48 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	5.9	8.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0

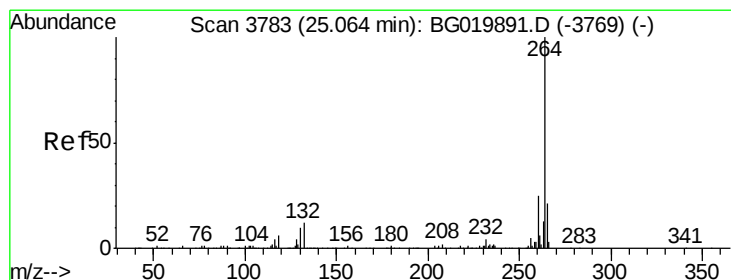
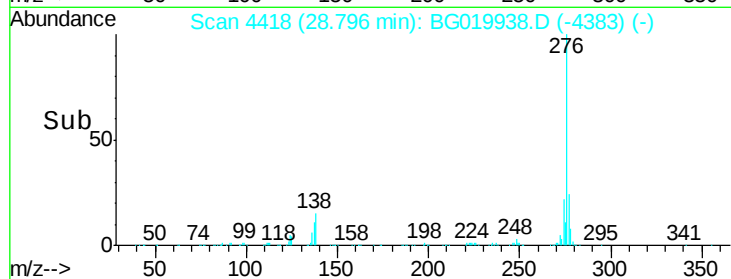
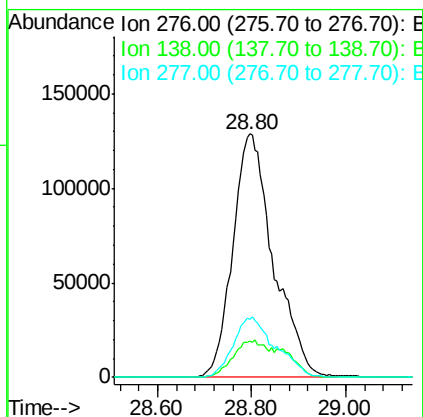
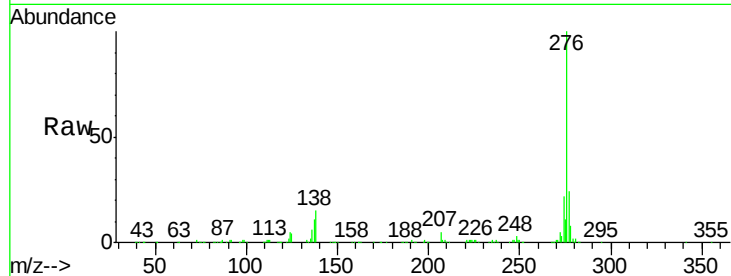




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.33 ng
RT: 28.80 min Scan# 4418
Delta R.T. -0.09 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

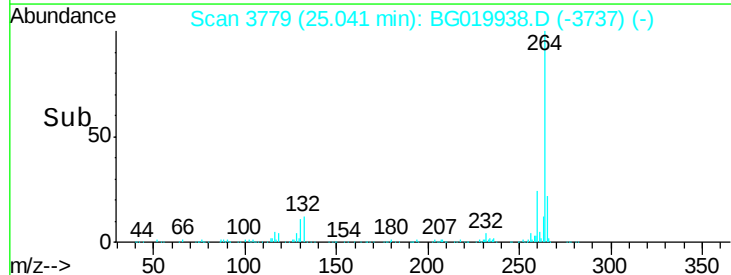
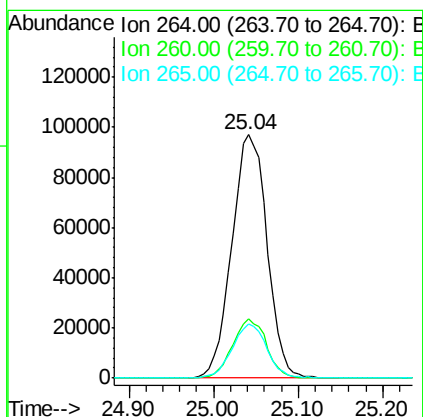
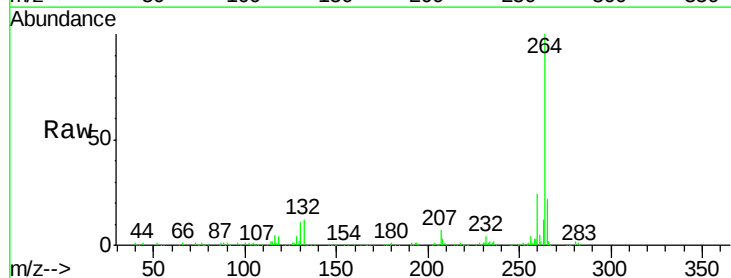
Instrument :
BNA_G
ClientSampleId :
PB86993BS

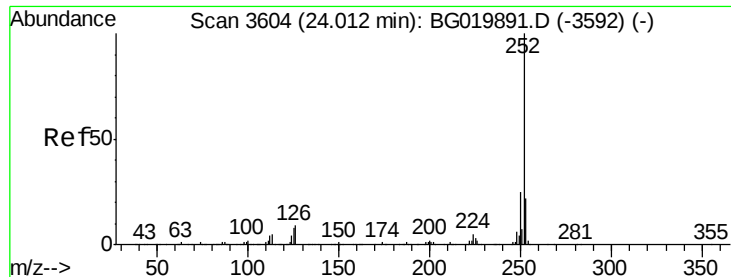
Tot Ion:276 Resp: 771126
Ion Ratio Lower Upper
276 100
138 13.4 0.0 0.0#
277 25.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:264 Resp: 279680
Ion Ratio Lower Upper
264 100
260 24.4 18.5 27.7
265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 38.30 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

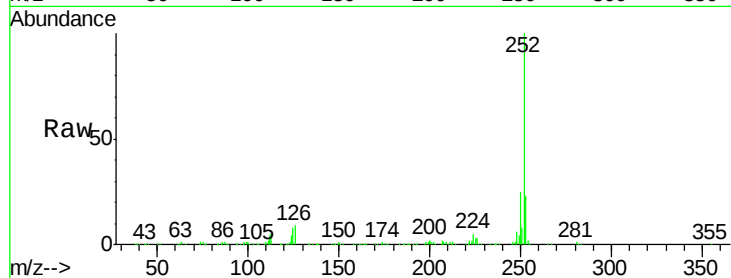
Tot Ion:252 Resp: 678940

Ion Ratio Lower Upper

252 100

253 23.1 19.1 28.7

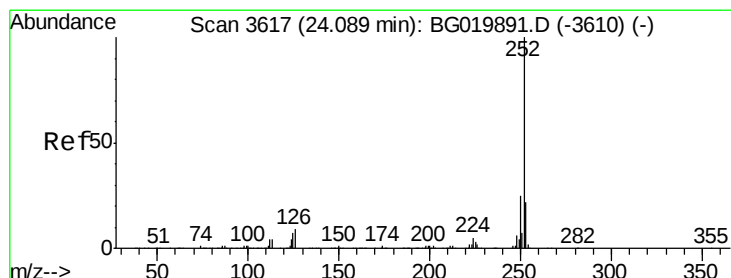
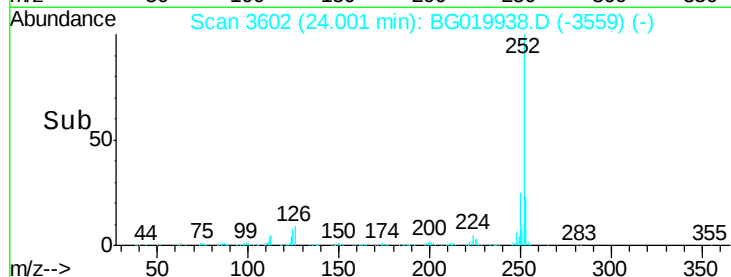
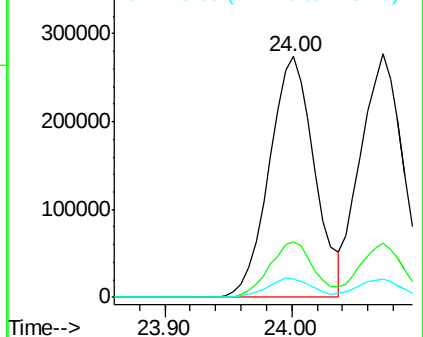
125 7.5 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.59 ng

RT: 24.07 min Scan# 3614

Delta R.T. -0.05 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

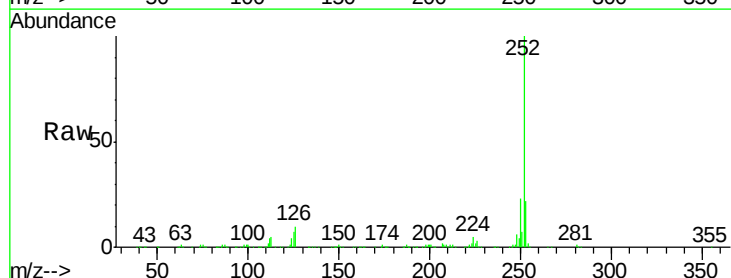
Tgt Ion:252 Resp: 642303

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.4

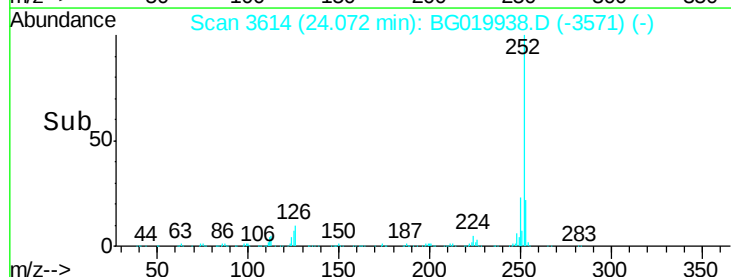
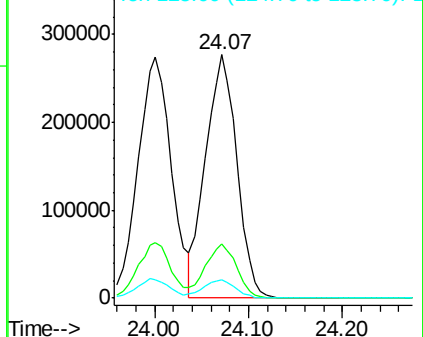
125 7.4 8.9 13.3#

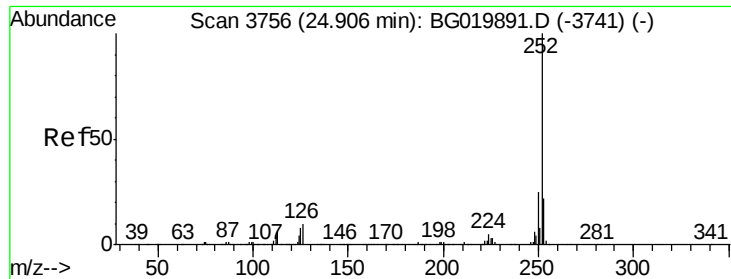


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.87 ng

RT: 24.89 min Scan# 3754

Delta R.T. -0.05 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

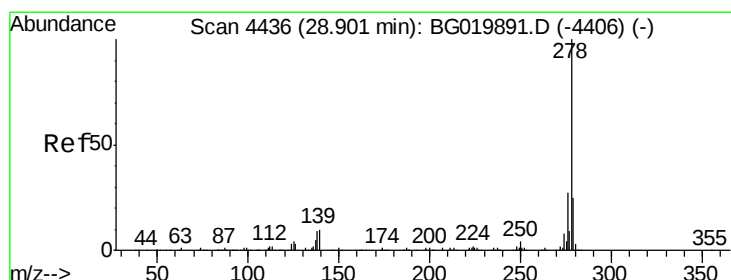
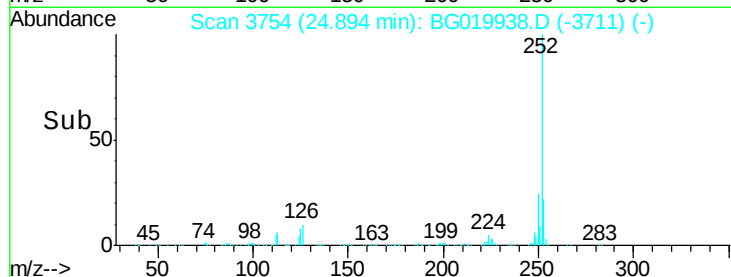
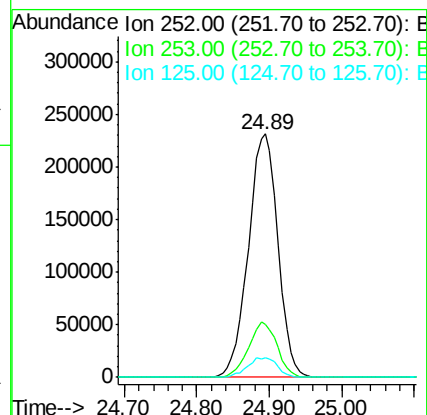
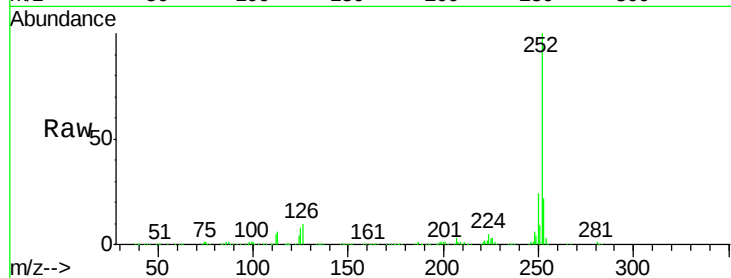
Tot Ion:252 Resp: 654173

Ion Ratio Lower Upper

252 100

253 22.0 18.7 28.1

125 8.0 9.1 13.7#



#90

Dibenzo(a,h)anthracene

Concen: 38.44 ng

RT: 28.87 min Scan# 4430

Delta R.T. -0.09 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

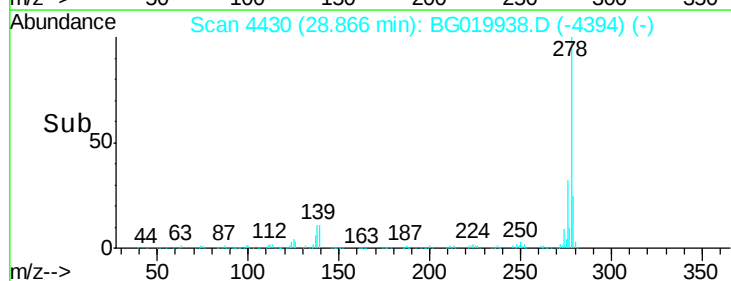
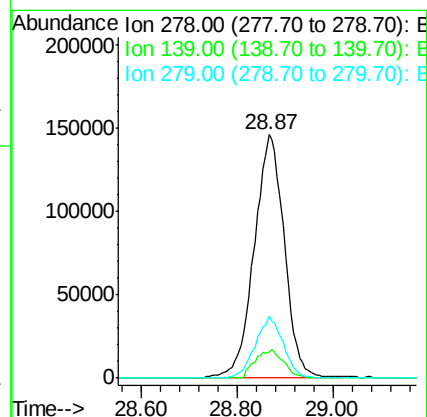
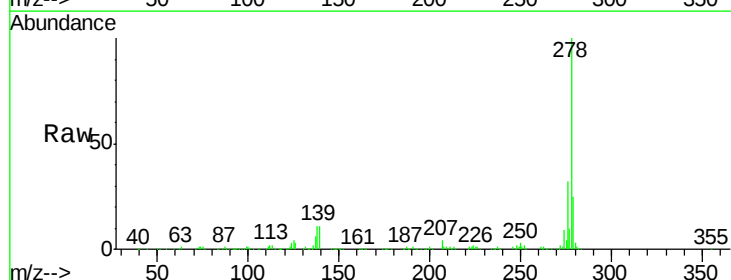
Tgt Ion:278 Resp: 639190

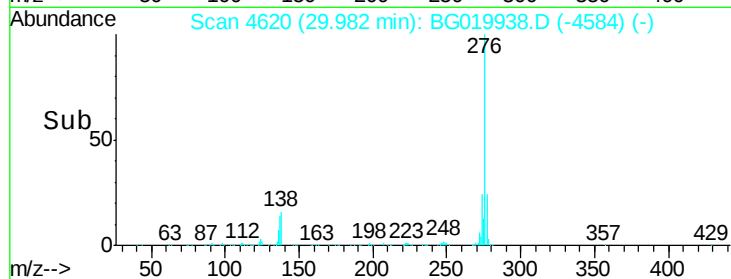
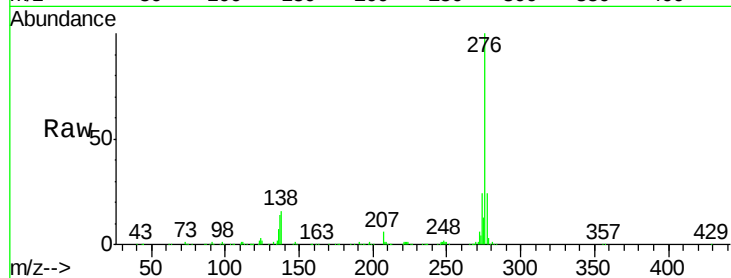
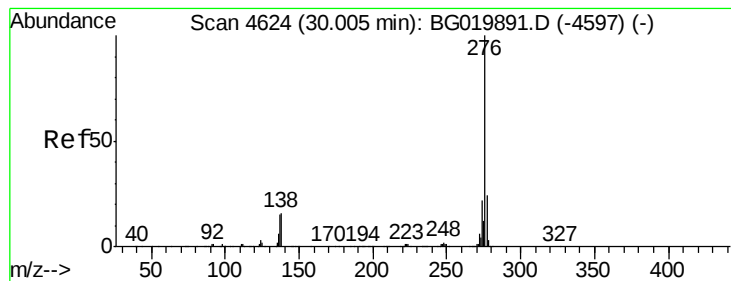
Ion Ratio Lower Upper

278 100

139 10.5 13.8 20.6#

279 25.4 19.4 29.0





#91

Benzo(a,h,i)perylene

Concen: 38.54 ng

RT: 29.98 min Scan# 4620

Delta R.T. -0.09 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

Tot Ion:276 Resp: 629145

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 15.5 17.4 26.0#

