

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019936.D
 Acq On : 5 Dec 2015 11:14
 Operator : UM/NP
 Sample : PB87014BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Quant Time: Dec 07 04:07:21 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	8.12	152	26176	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	114390	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	84346	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	218265	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	266253	20.00	ng	-0.03
86) Perylene-d12	25.04	264	246885	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	133775	92.37	ng	0.00
7) Phenol-d6	7.26	99	195533	89.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	187673	83.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	103206	79.97	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	477031	77.22	ng	-0.02
78) Terphenyl-d14	20.09	244	866763	79.40	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	20033	35.51	ng	# 100
3) Pyridine	3.93	79	62562	36.51	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	33302	36.95	ng	# 82
6) Aniline	7.43	93	76246	26.93	ng	# 83
8) 2-Chlorophenol	7.68	128	74993	42.46	ng	# 93
9) Benzaldehyde	7.25	77	18084	12.40	ng	# 92
10) Phenol	7.29	94	105936	46.03	ng	# 84
11) bis(2-Chloroethyl)ether	7.53	93	68048	39.92	ng	# 85
12) 1,3-Dichlorobenzene	8.00	146	75801	37.87	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	77741	37.60	ng	# 93
14) 1,2-Dichlorobenzene	8.47	146	75907	38.49	ng	# 96
15) Benzyl Alcohol	8.35	79	81520	42.48	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	105455	37.94	ng	# 95
17) 2-Methylphenol	8.55	107	71000	43.70	ng	# 92
18) Hexachloroethane	9.21	117	29908	38.63	ng	# 96
19) n-Nitroso-di-n-propylamine	8.92	70	63898	37.05	ng	# 90
20) 3+4-Methylphenols	8.88	107	100927	44.11	ng	# 93
22) Acetophenone	8.94	105	116632	37.20	ng	# 91
24) Nitrobenzene	9.33	77	99471	40.91	ng	# 90
25) Isophorone	9.85	82	178432	37.13	ng	# 96
26) 2-Nitrophenol	10.04	139	41375	44.06	ng	# 75
27) 2,4-Dimethylphenol	10.09	122	83014	42.45	ng	# 90
28) bis(2-Chloroethoxy)methane	10.33	93	100298	42.71	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	88870	44.49	ng	# 95
30) 1,2,4-Trichlorobenzene	10.80	180	85857	38.03	ng	# 97
31) Naphthalene	10.98	128	245693	40.09	ng	# 98
32) Benzoic acid	10.21	122	56065	43.23	ng	# 90
33) 4-Chloroaniline	11.08	127	58328	21.60	ng	# 92
34) Hexachlorobutadiene	11.27	225	60000	36.03	ng	# 99
35) Caprolactam	11.86	113	21117	28.40	ng	# 66
36) 4-Chloro-3-methylphenol	12.19	107	105133	42.26	ng	# 94
37) 2-Methylnaphthalene	12.58	142	189645	42.23	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	118507	37.02	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	125740	68.90	ng	# 99

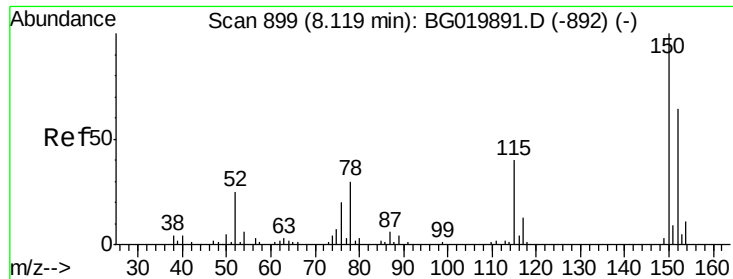
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019936.D
 Acq On : 5 Dec 2015 11:14
 Operator : UM/NP
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Instrument :
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Quant Time: Dec 07 04:07:21 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 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)
42) 2,4,6-Trichlorophenol	13.18	196	83796	39.54	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	94453	42.17	nq	94
45) 1,1'-Biphenyl	13.58	154	252649	36.50	nq	99
46) 2-Chloronaphthalene	13.63	162	206326	38.67	nq	97
47) 2-Nitroaniline	13.82	65	76001	45.10	nq	90
48) Acenaphthylene	14.47	152	348662	38.36	nq	98
49) Dimethylphthalate	14.20	163	289200	38.12	nq	99
50) 2,6-Dinitrotoluene	14.31	165	62865	44.07	nq	# 76
51) Acenaphthene	14.81	154	246338	44.67	nq	98
52) 3-Nitroaniline	14.64	138	50516	34.09	nq	94
53) 2,4-Dinitrophenol	14.84	184	67300	87.65	nq	# 86
54) Dibenzofuran	15.14	168	350252	42.69	nq	94
55) 4-Nitrophenol	14.94	139	108868	84.35	nq	# 60
56) 2,4-Dinitrotoluene	15.10	165	92821	46.64	nq	# 88
57) Fluorene	15.79	166	285803	38.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	94746	45.71	nq	97
59) Diethylphthalate	15.55	149	306468	37.32	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	156833	37.20	nq	98
61) 4-Nitroaniline	15.80	138	69925	41.95	nq	# 72
62) Azobenzene	16.07	77	293958	43.02	nq	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	53193	43.97	nq	90
65) n-Nitrosodiphenylamine	16.00	169	258267	40.89	nq	97
66) 4-Bromophenyl-phenylether	16.68	248	105645	38.95	nq	94
67) Hexachlorobenzene	16.79	284	111644	39.52	nq	95
68) Atrazine	16.94	200	98377	35.85	nq	97
69) Pentachlorophenol	17.13	266	147739	89.59	nq	96
70) Phenanthrene	17.53	178	497804	40.31	nq	97
71) Anthracene	17.62	178	512795	40.77	nq	96
72) Carbazole	17.89	167	456252	41.17	nq	97
73) Di-n-butylphthalate	18.44	149	544114	40.06	nq	99
74) Fluoranthene	19.53	202	630579	39.92	nq	95
76) Benzidine	19.71	184	277500	31.73	nq	96
77) Pyrene	19.89	202	651651	41.60	nq	94
79) Butylbenzylphthalate	20.77	149	259980	42.34	nq	99
80) Benzo(a)anthracene	21.74	228	662580	40.65	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	181043	29.17	nq	# 97
82) Chrysene	21.81	228	604586	39.07	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	369016	40.96	nq	98
84) Di-n-octyl phthalate	22.89	149	638851	43.61	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	742756	43.57	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	644393	41.18	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	629682	40.63	nq	# 94
89) Benzo(a)pyrene	24.89	252	627163	42.22	nq	# 96
90) Dibenzo(a,h)anthracene	28.87	278	615048	41.91	nq	# 94
91) Benzo(g,h,i)perylene	29.97	276	615964	42.74	nq	# 94

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

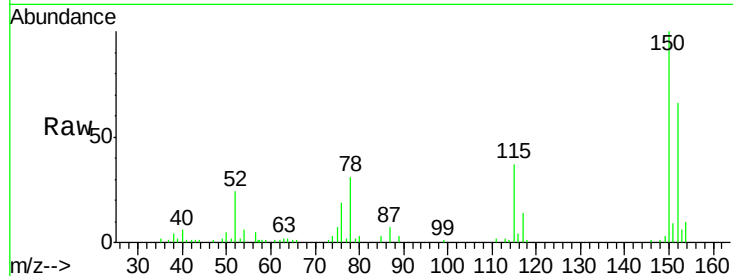


#1

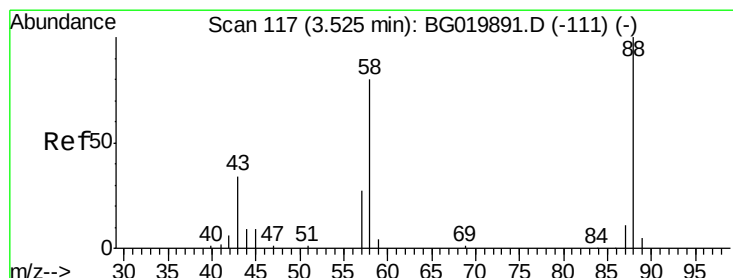
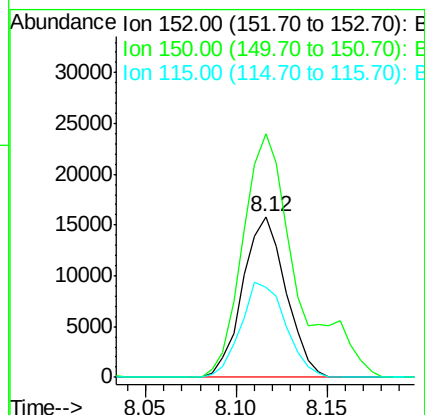
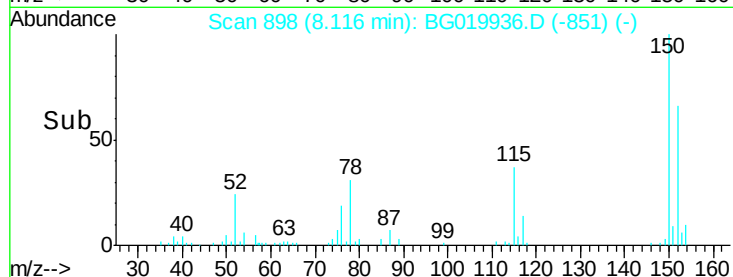
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion:152 Resp: 26176
Ion Ratio Lower Upper
152 100
150 151.8 115.0 172.4
115 55.8 43.9 65.9



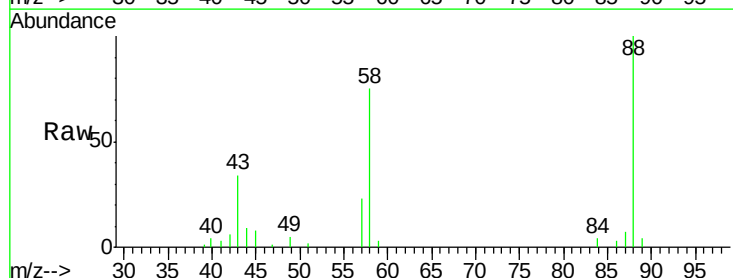
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



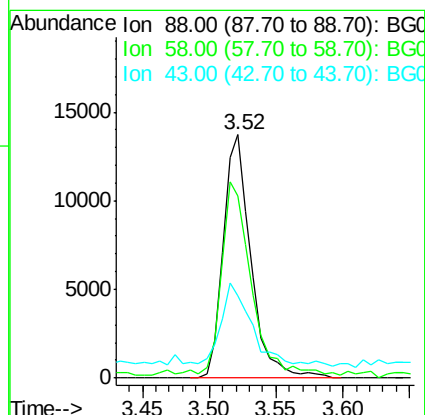
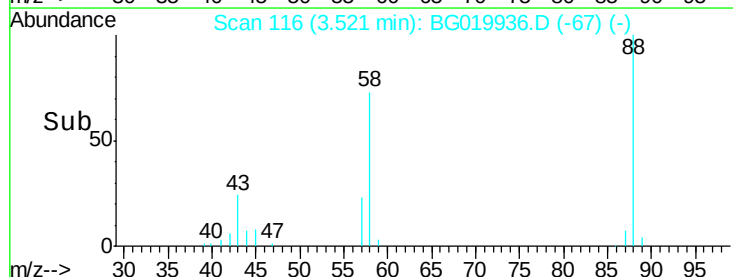
#2

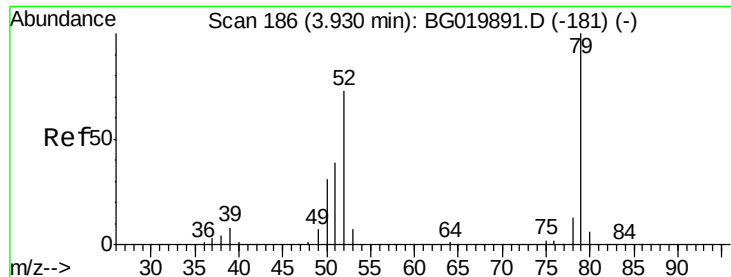
1,4-Dioxane
Concen: 35.51 ng
RT: 3.52 min Scan# 116
Delta R.T. -0.01 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion: 88 Resp: 20033
Ion Ratio Lower Upper
88 100
58 83.7 0.0 0.0#
43 34.3 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: 36.51 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

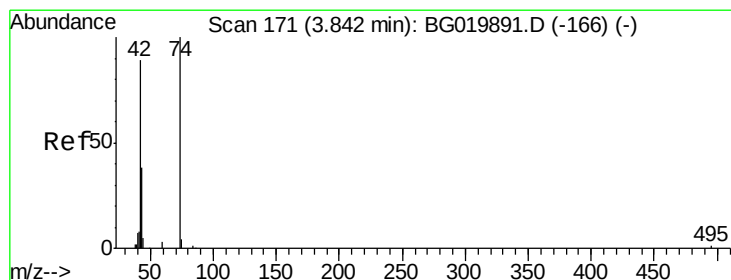
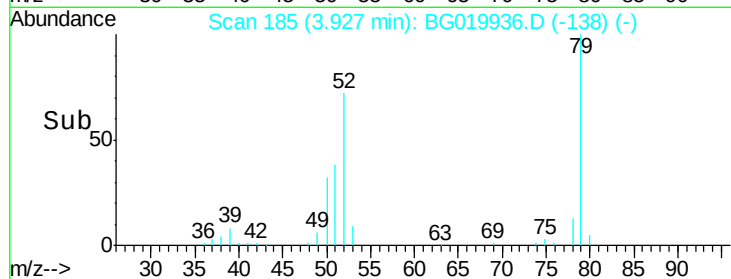
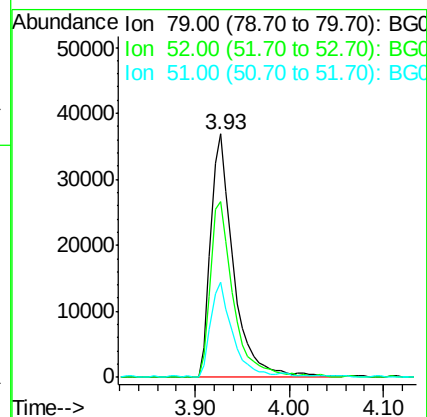
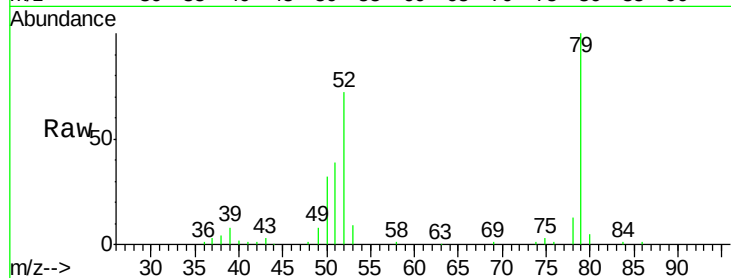
Tot Ion: 79 Resp: 62562

Ion Ratio Lower Upper

79 100

52 72.0 50.3 75.5

51 38.8 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 36.95 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

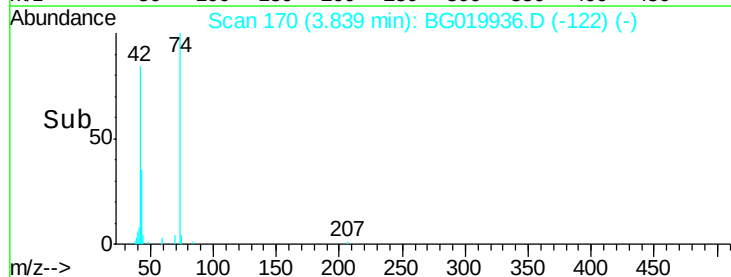
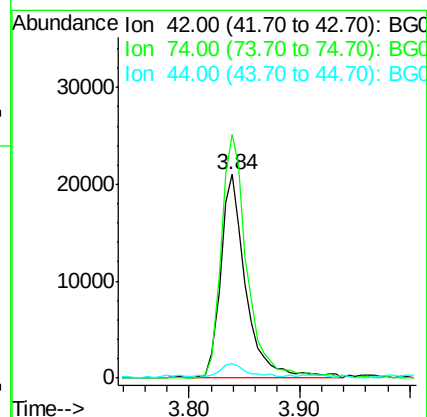
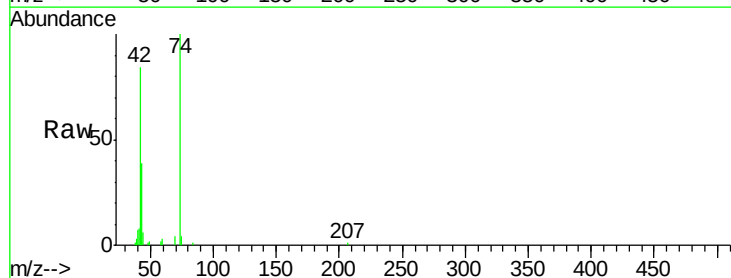
Tgt Ion: 42 Resp: 33302

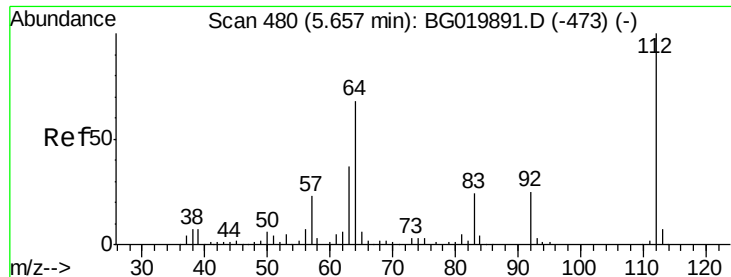
Ion Ratio Lower Upper

42 100

74 119.6 113.9 170.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 92.37 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

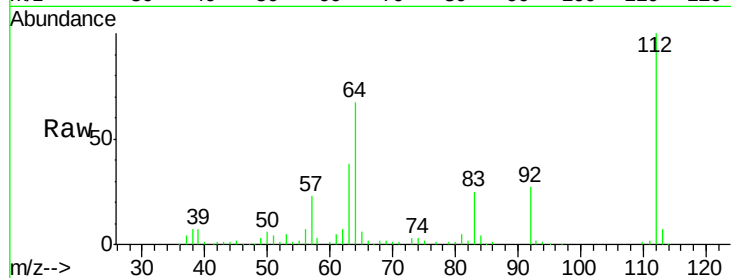
Tot Ion: 112 Resp: 133775

Ion Ratio Lower Upper

112 100

64 67.3 43.7 65.5#

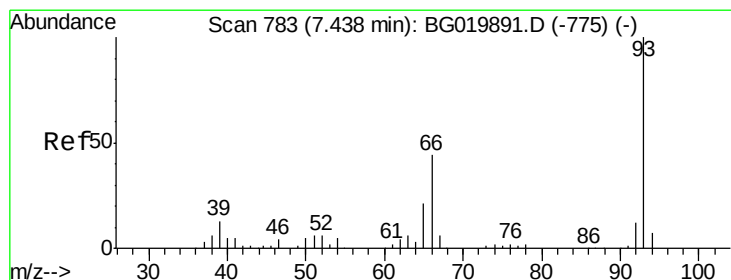
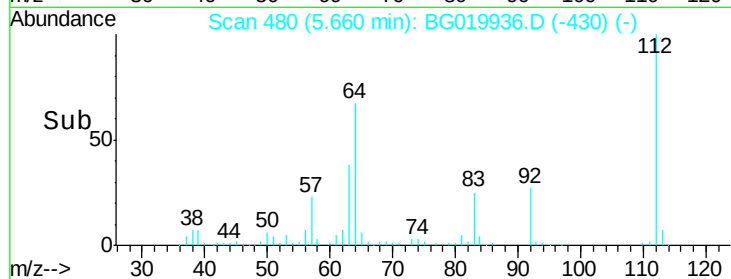
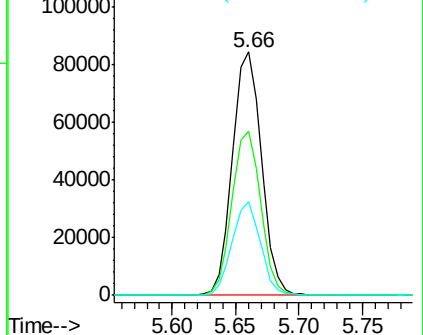
63 38.5 24.0 36.0#



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: 26.93 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

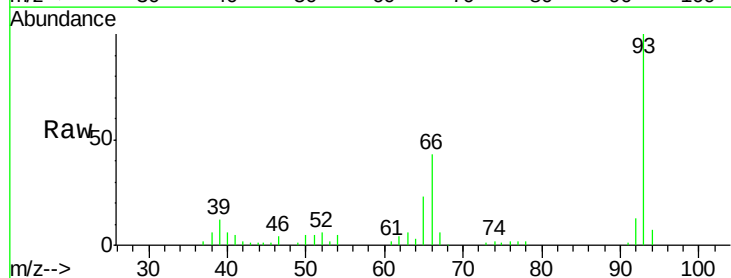
Tgt Ion: 93 Resp: 76246

Ion Ratio Lower Upper

93 100

66 43.1 26.2 39.2#

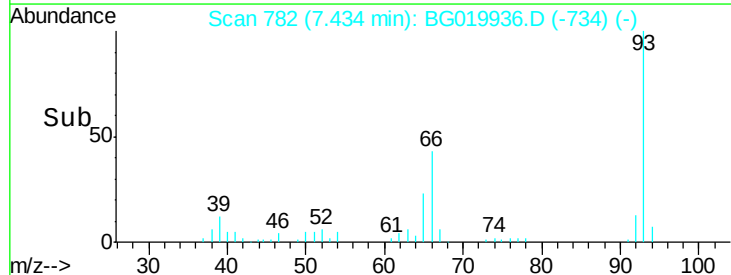
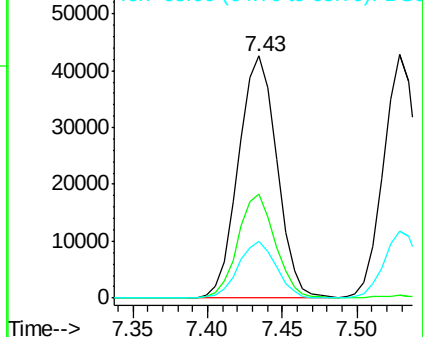
65 23.2 14.0 21.0#

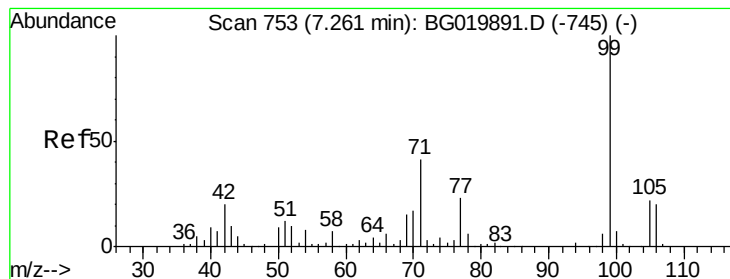


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.42 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

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ClientSampleId :

PB87014BS

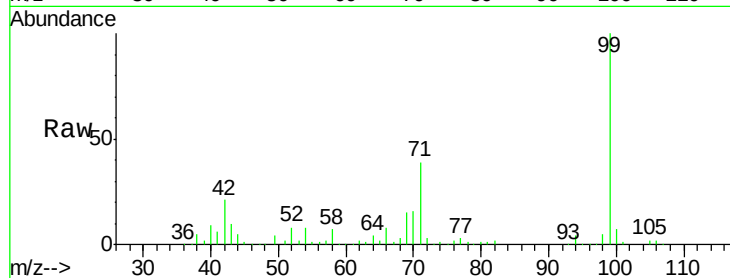
Tot Ion: 99 Resp: 195533

Ion Ratio Lower Upper

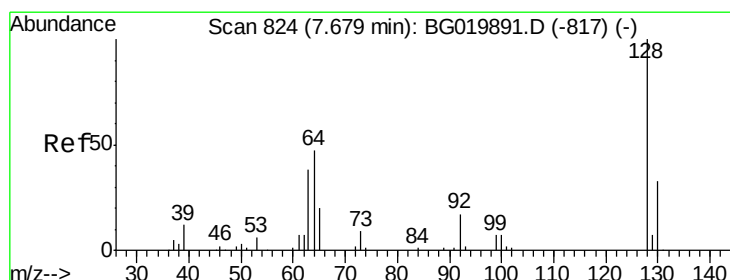
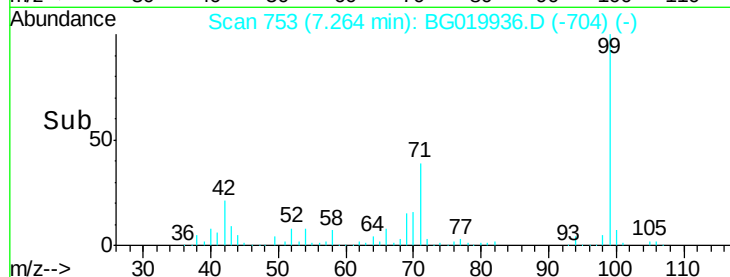
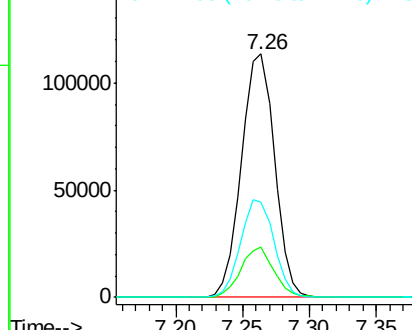
99 100

42 20.7 11.5 17.3#

71 39.1 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 42.46 ng

RT: 7.68 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

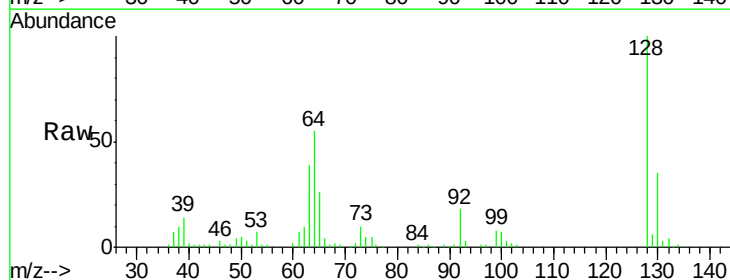
Tgt Ion: 128 Resp: 74993

Ion Ratio Lower Upper

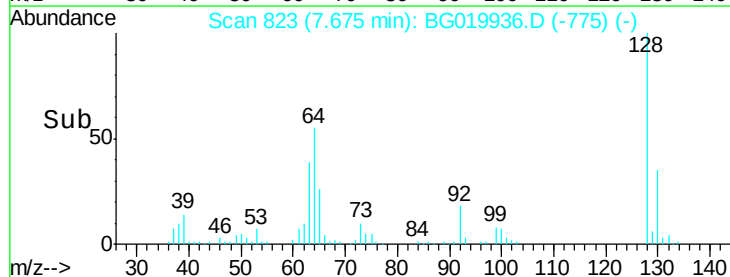
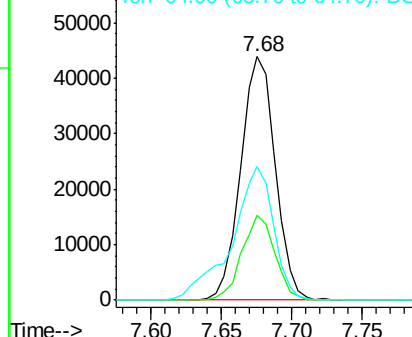
128 100

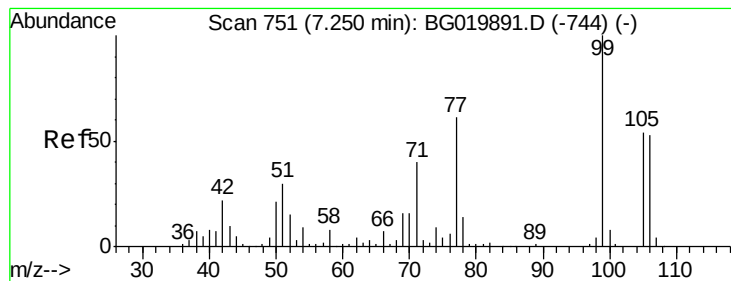
130 35.0 13.0 53.0

64 54.7 28.2 68.2



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





#9

Benzaldehyde

Concen: 12.40 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

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ClientSampleId :

PB87014BS

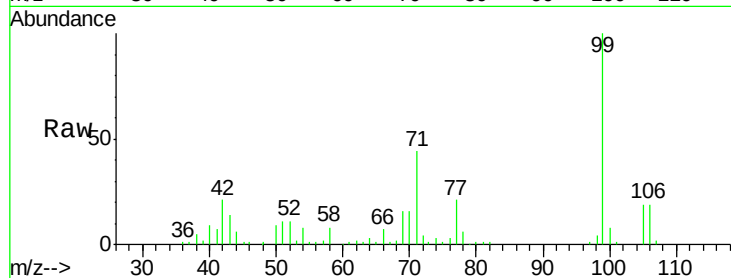
Tot Ion: 77 Resp: 18084

Ion Ratio Lower Upper

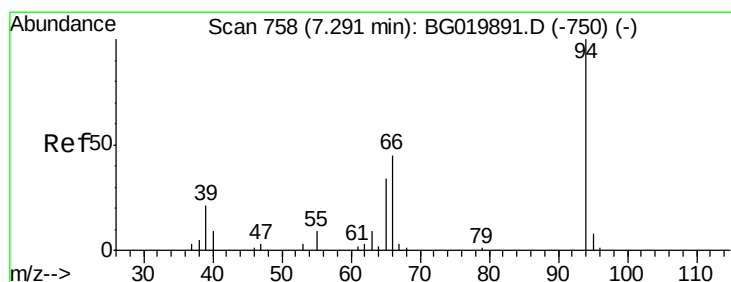
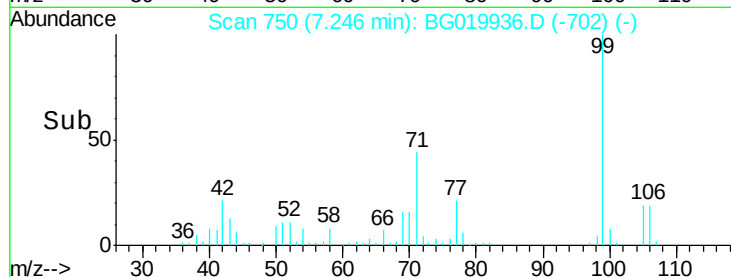
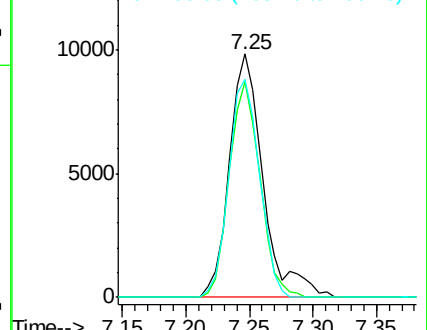
77 100

105 88.2 77.7 117.7

106 89.5 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.03 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

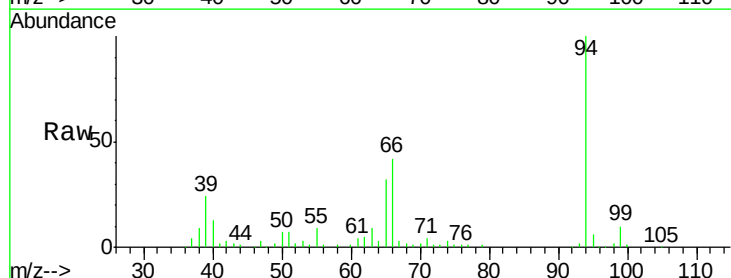
Tgt Ion: 94 Resp: 105936

Ion Ratio Lower Upper

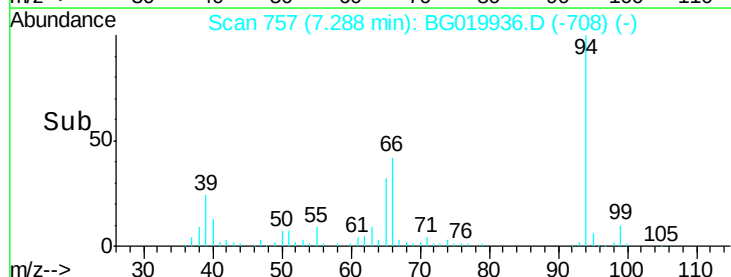
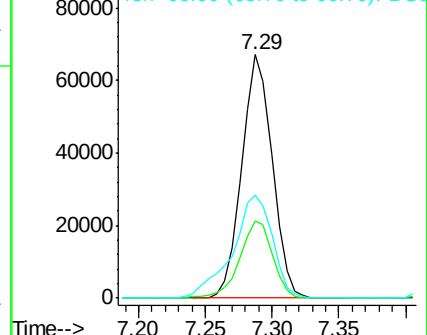
94 100

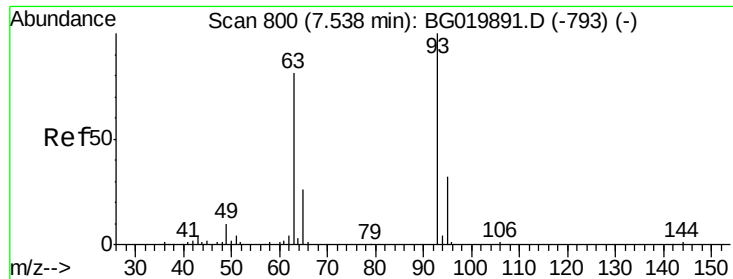
65 31.9 5.4 45.4

66 42.4 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

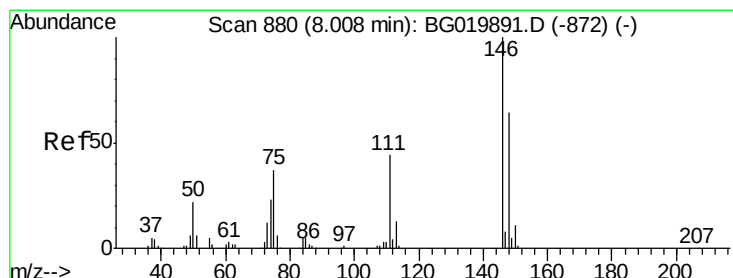
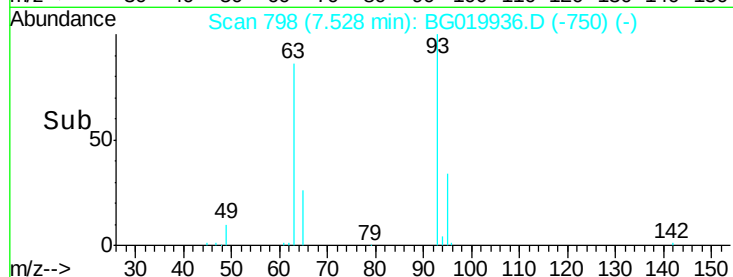
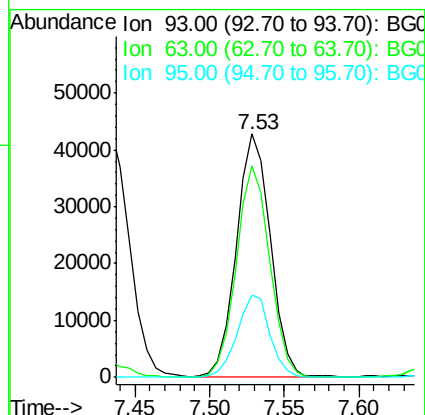
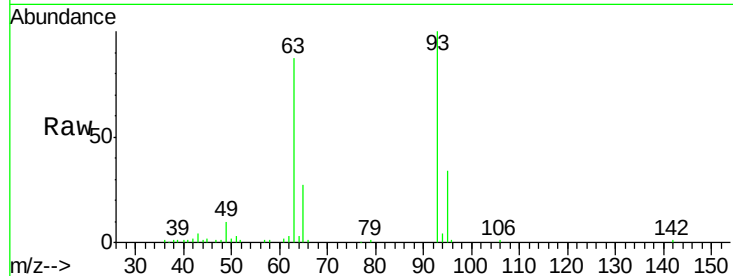




#11
bis(2-Chloroethyl)ether
Concen: 39.92 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

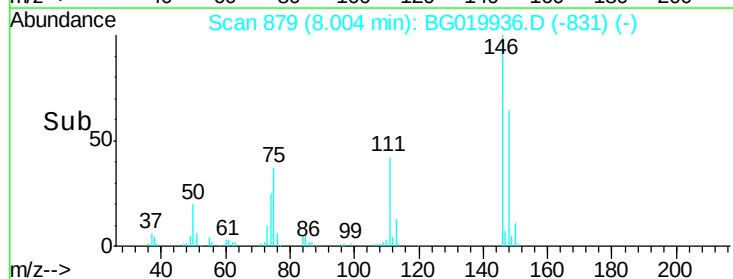
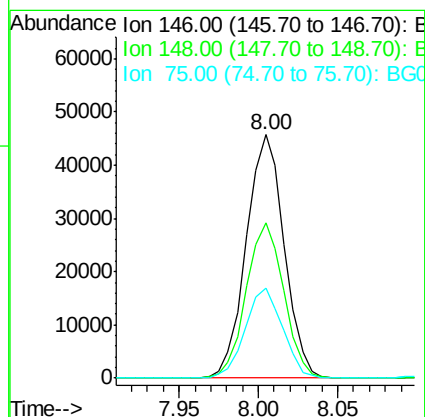
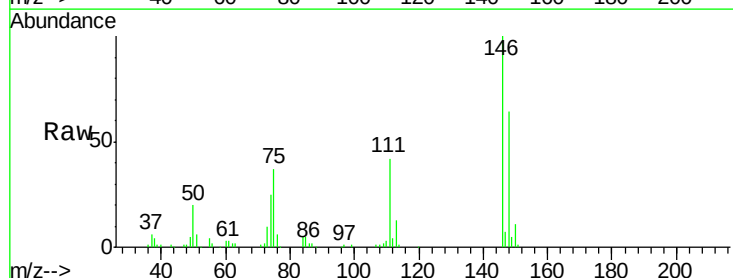
Instrument :
BNA_G
ClientSampled :
PB87014BS

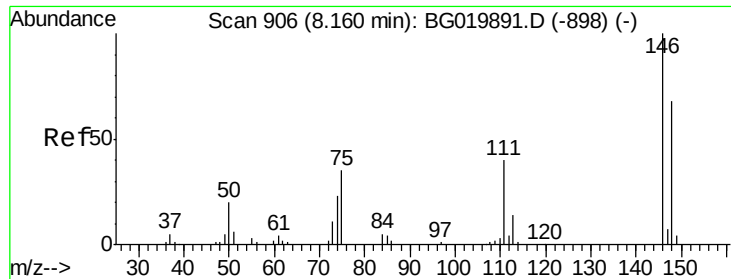
Tot Ion: 93 Resp: 68048
Ion Ratio Lower Upper
93 100
63 87.0 50.5 90.5
95 33.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion: 146 Resp: 75801
Ion Ratio Lower Upper
146 100
148 64.0 53.4 80.0
75 37.0 21.1 31.7#

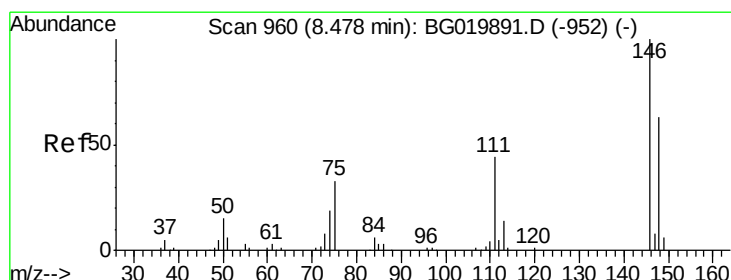
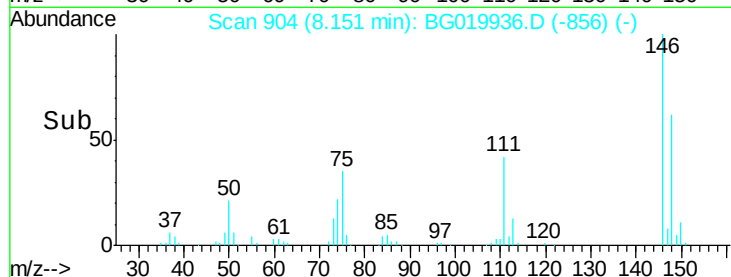
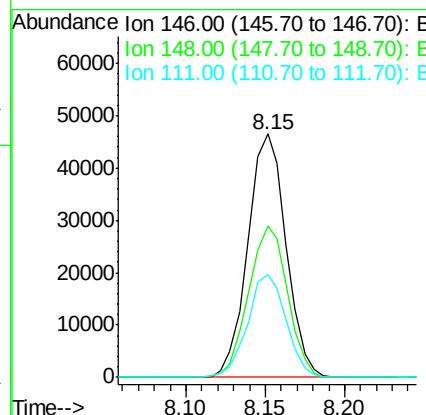
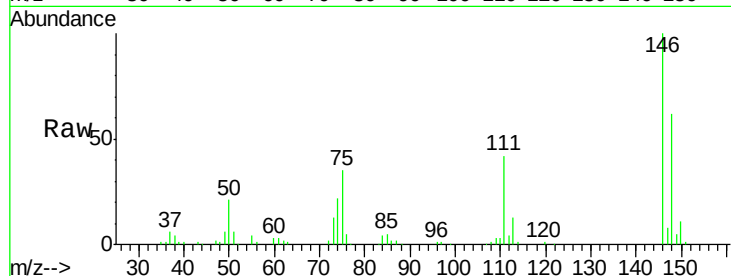




#13
 1,4-Dichlorobenzene
 Concen: 37.60 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

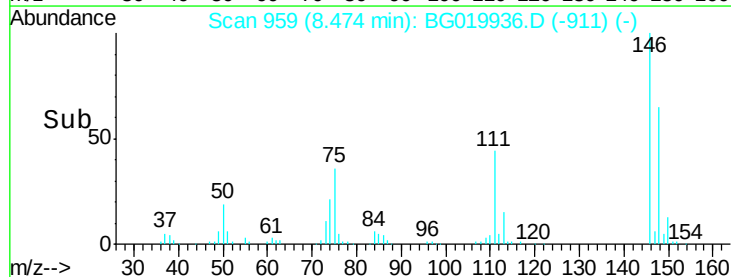
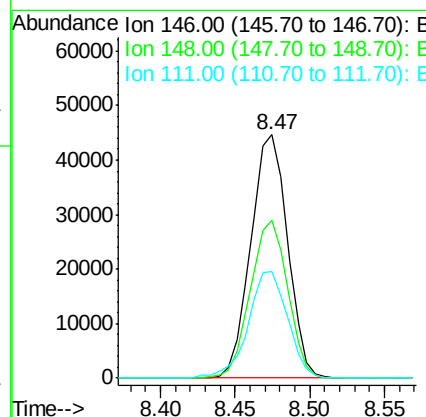
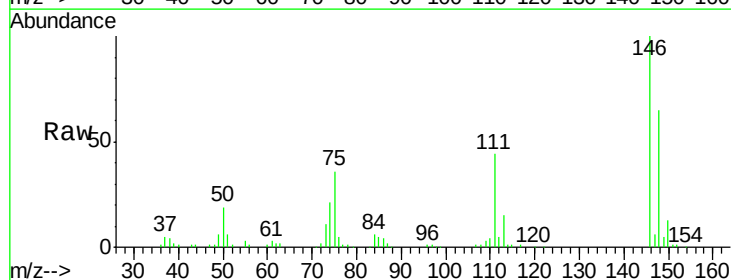
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

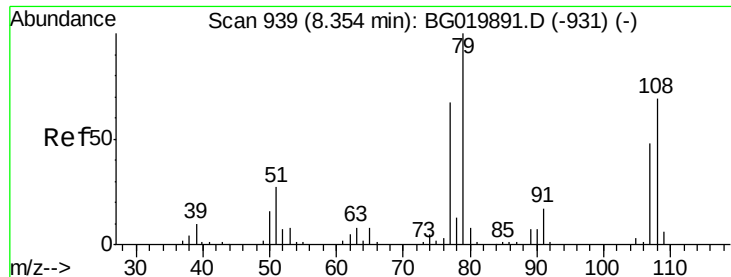
Tot Ion:146 Resp: 77741
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.5 78.7
 111 42.4 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 38.49 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:146 Resp: 75907
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.5 78.7
 111 43.7 29.9 44.9





#15

Benzyl Alcohol

Concen: 42.48 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

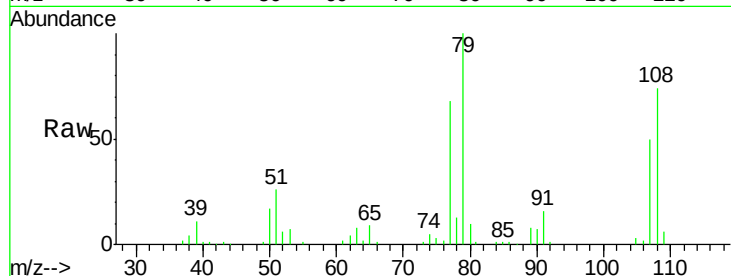
Tot Ion: 79 Resp: 81520

Ion Ratio Lower Upper

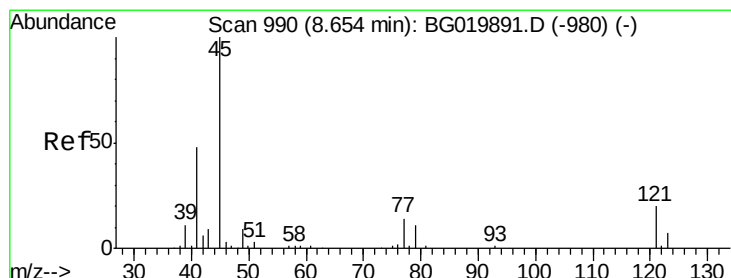
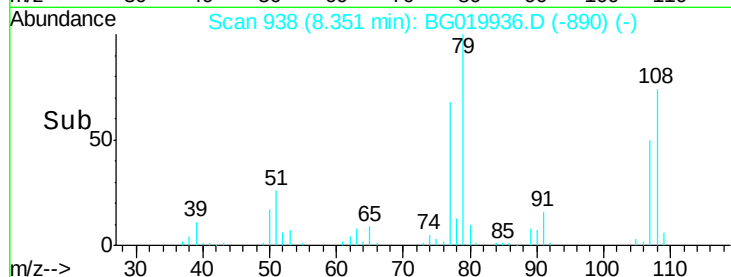
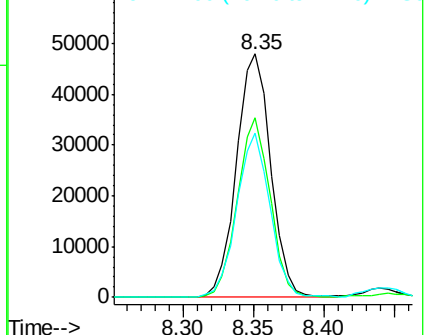
79 100

108 73.6 65.5 98.3

77 67.7 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: 37.94 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

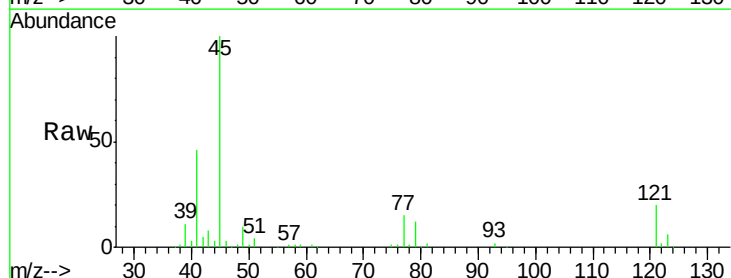
Tgt Ion: 45 Resp: 105455

Ion Ratio Lower Upper

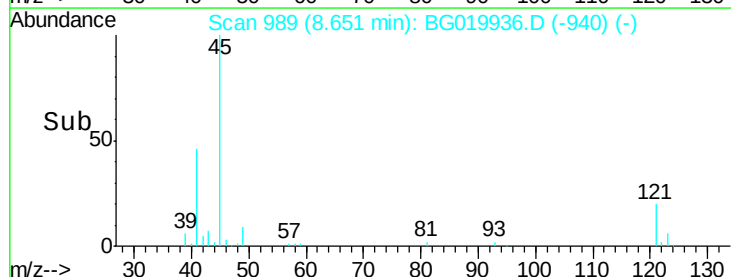
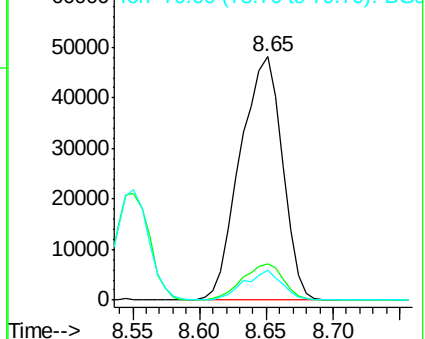
45 100

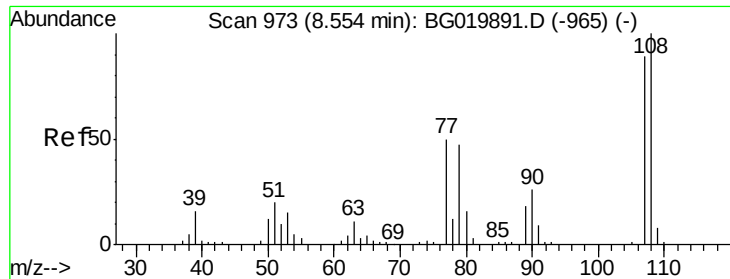
77 14.7 0.0 37.0

79 12.3 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

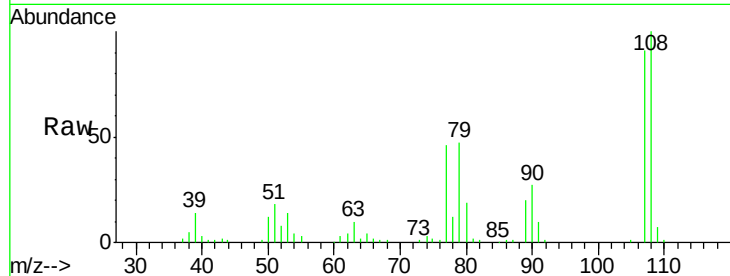




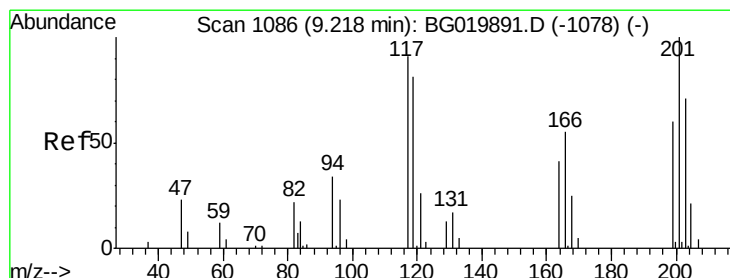
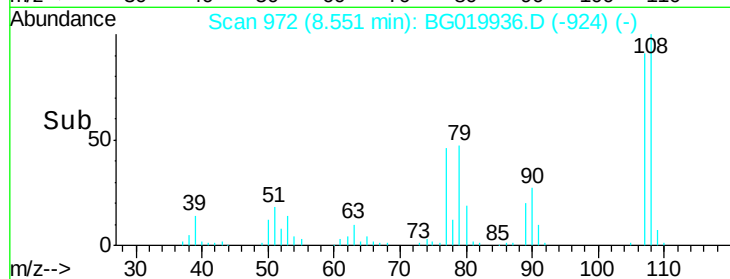
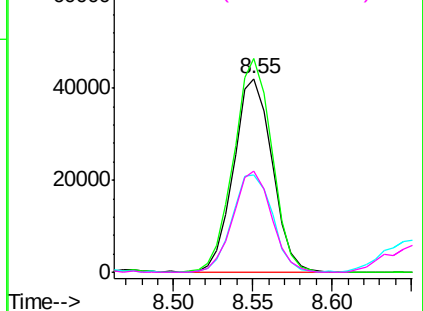
#17
2-Methylphenol
Concen: 43.70 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion:107 Resp: 71000
Ion Ratio Lower Upper
107 100
108 110.5 86.5 129.7
77 50.3 34.6 51.8
79 52.3 32.3 48.5#

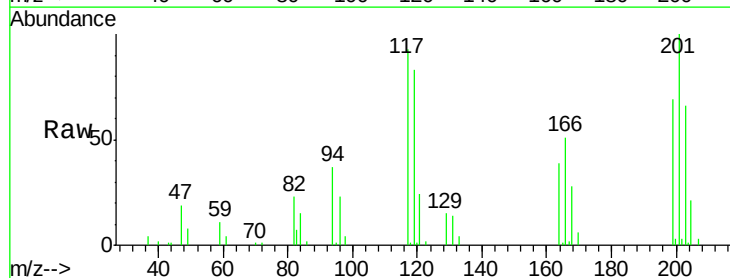


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

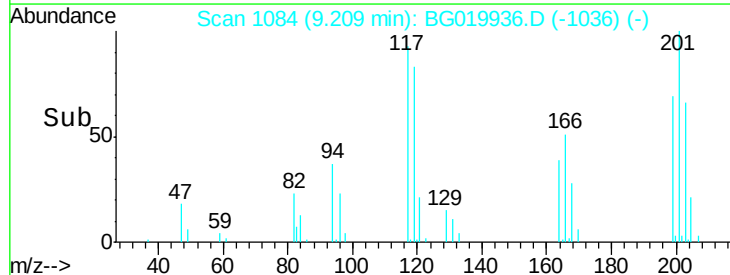
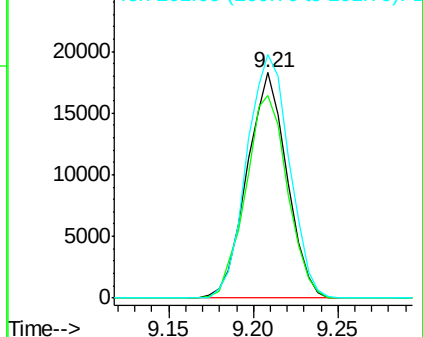


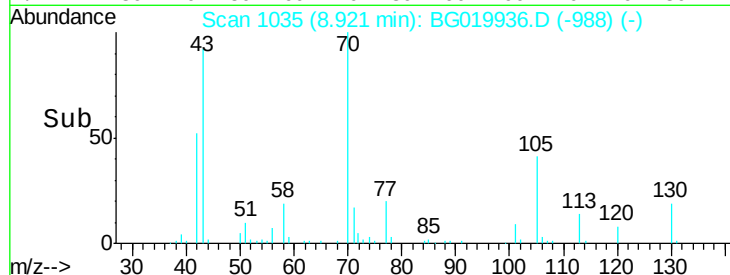
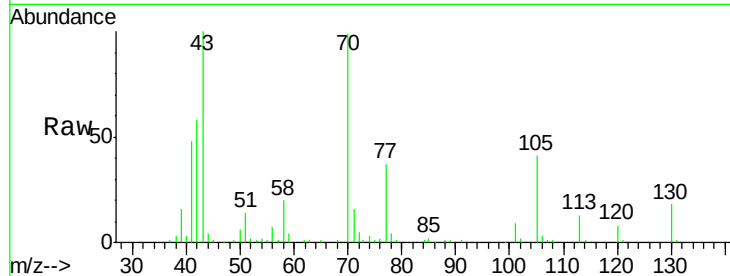
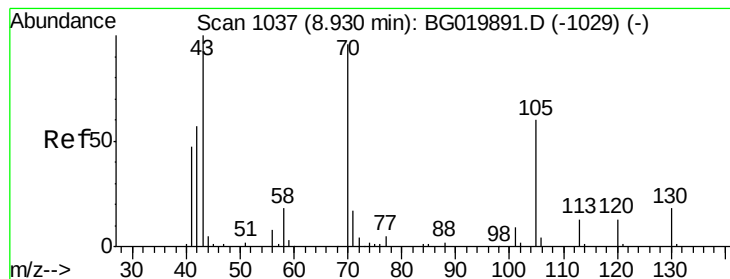
#18
Hexachloroethane
Concen: 38.63 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:117 Resp: 29908
Ion Ratio Lower Upper
117 100
119 90.9 71.7 107.5
201 108.0 90.9 136.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.05 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

Tot Ion: 70 Resp: 63898

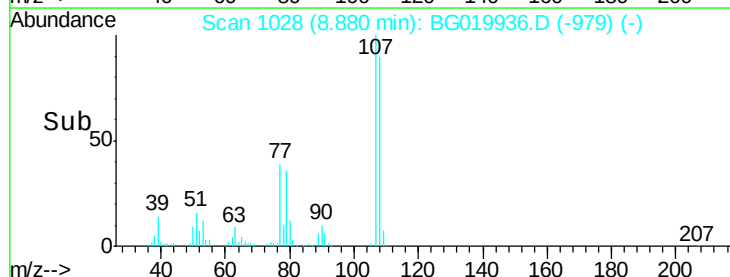
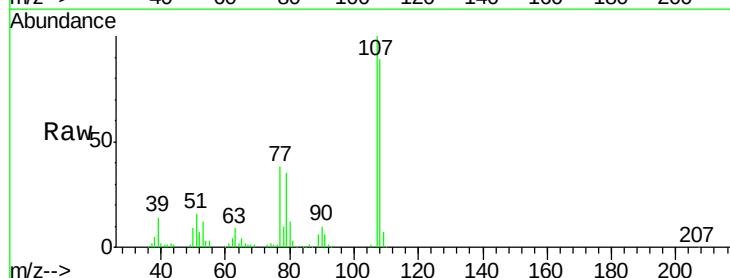
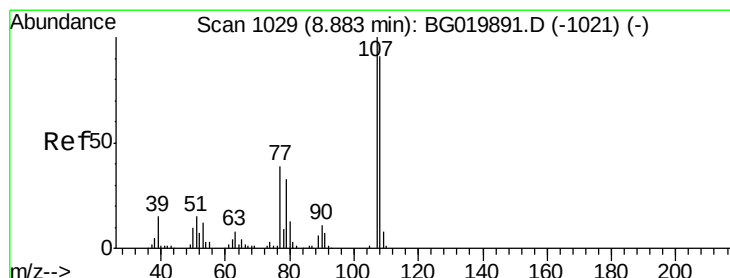
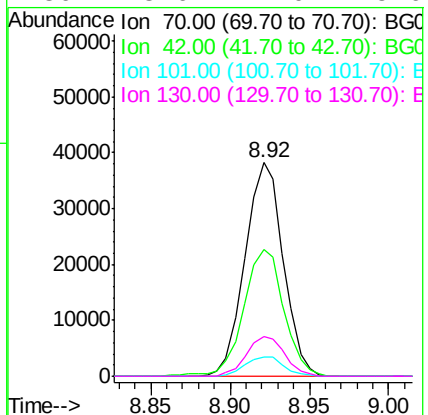
Ion Ratio Lower Upper

70 100

42 59.2 40.6 60.8

101 9.3 8.6 13.0

130 18.6 17.0 25.6



#20

3+4-Methylphenols

Concen: 44.11 ng

RT: 8.88 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion: 107 Resp: 100927

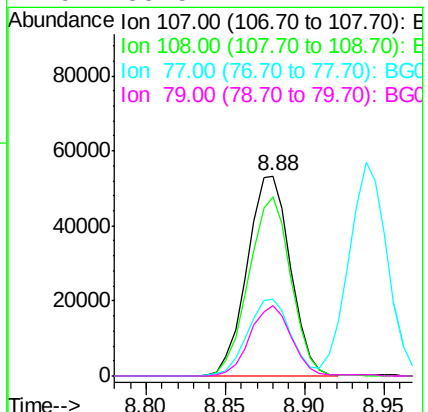
Ion Ratio Lower Upper

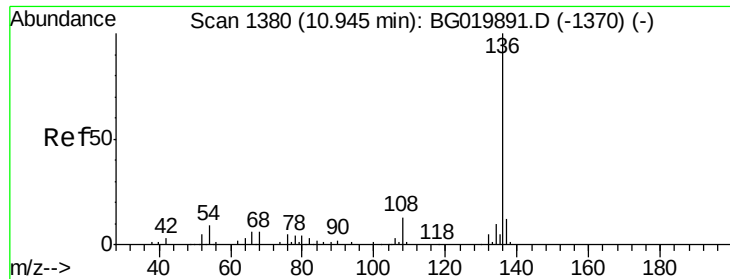
107 100

108 89.3 72.2 112.2

77 38.4 13.4 53.4

79 35.5 7.2 47.2

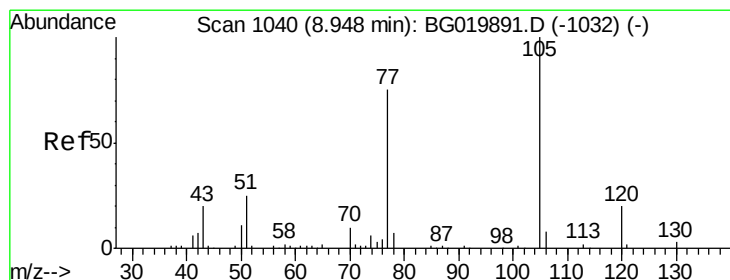
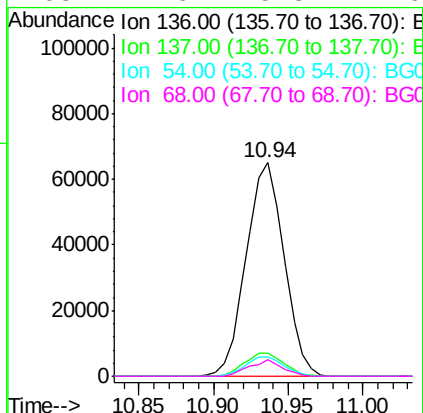
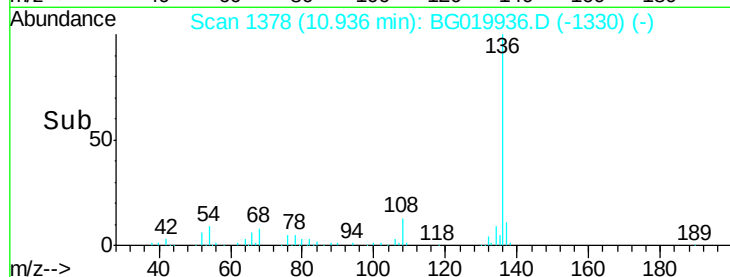
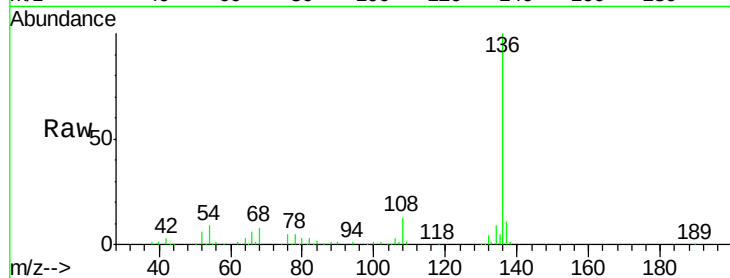




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

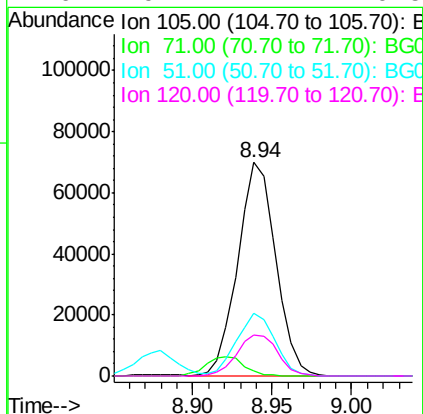
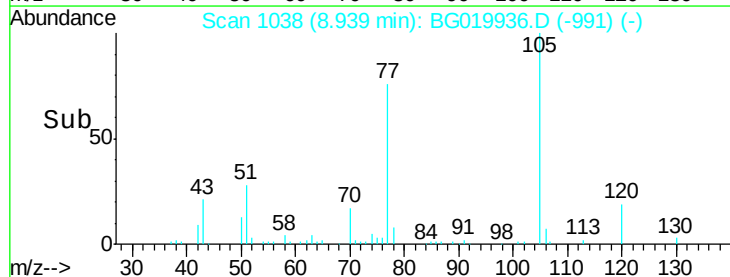
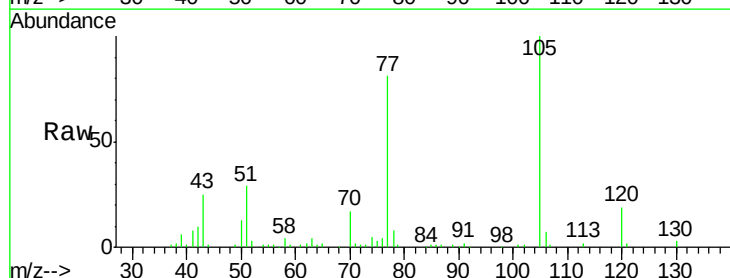
Instrument :
BNA_G
ClientSampleID :
PB87014BS

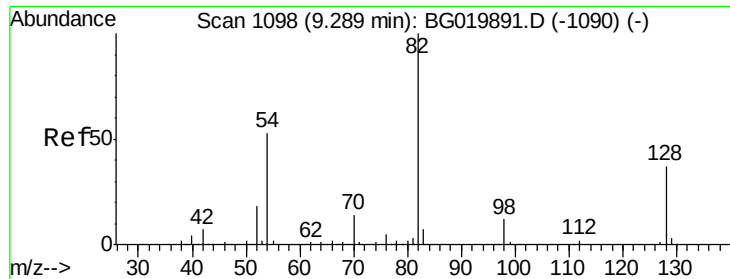
Tot Ion:136	Resp:	114390
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 12.8
54	8.9	5.4 8.2#
68	7.6	5.3 7.9



#22
Acetophenone
Concen: 37.20 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:105	Resp:	116632
Ion Ratio	Lower	Upper
105	100	
71	2.2	2.1 3.1
51	29.1	17.8 26.8#
120	19.4	17.7 26.5

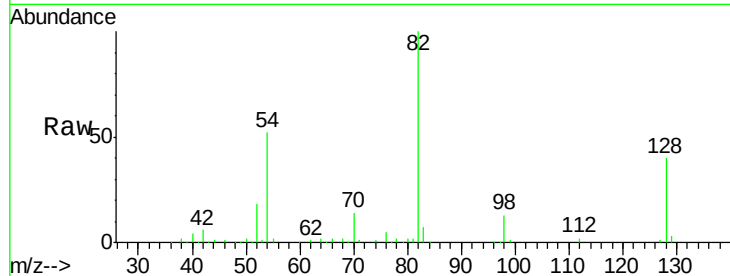




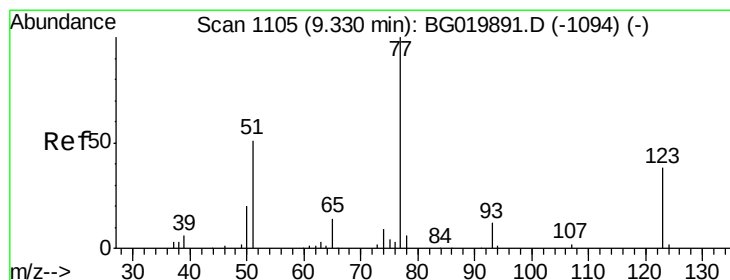
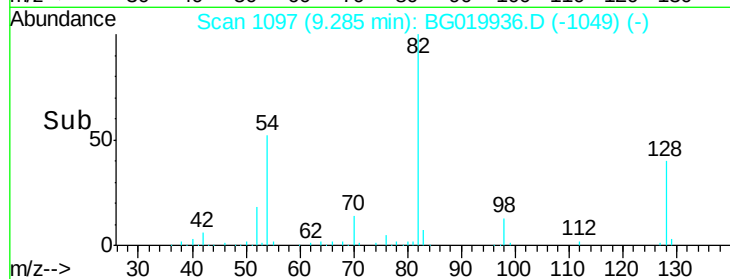
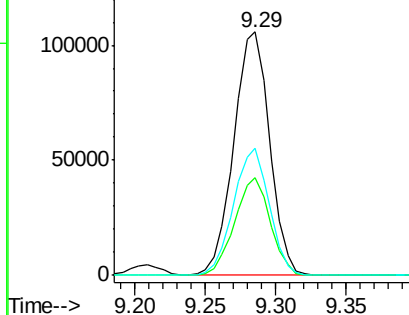
#23
 Nitrobenzene-d5
 Concen: 83.73 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion: 82 Resp: 187673
 Ion Ratio Lower Upper
 82 100
 128 40.2 36.7 55.1
 54 52.4 33.8 50.8#

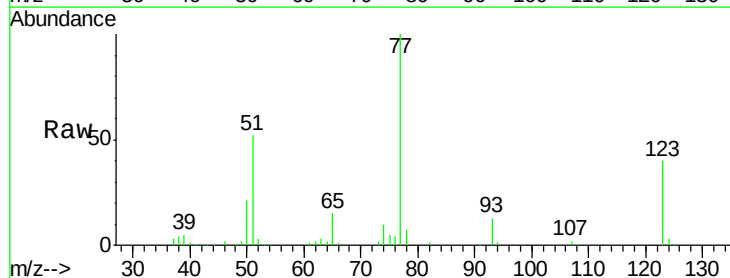


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

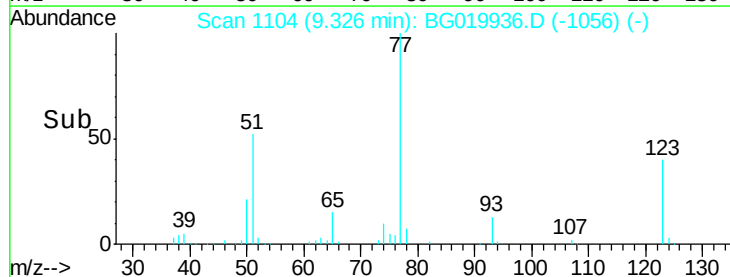
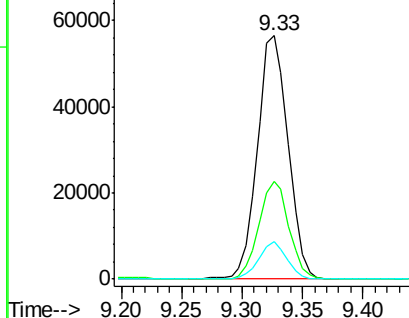


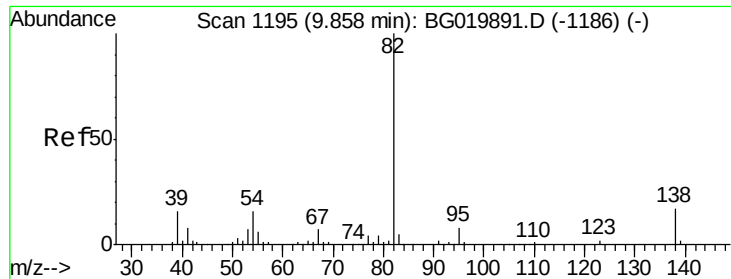
#24
 Nitrobenzene
 Concen: 40.91 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion: 77 Resp: 99471
 Ion Ratio Lower Upper
 77 100
 123 40.1 38.2 57.2
 65 15.3 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: 37.13 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

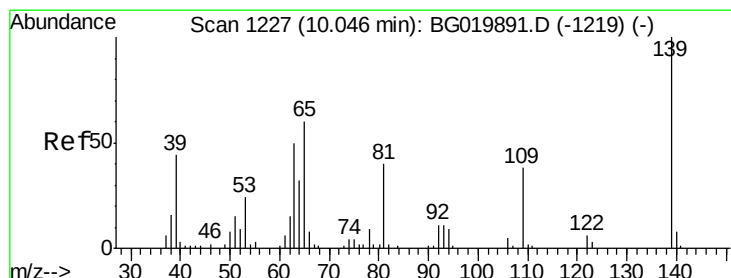
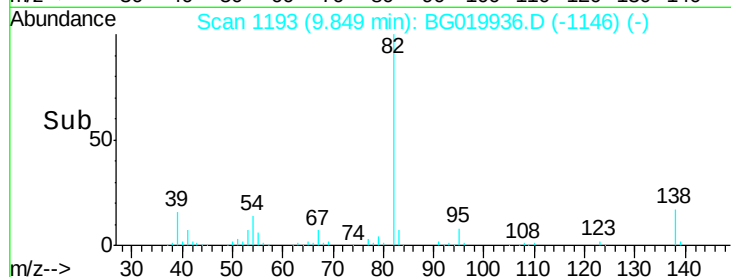
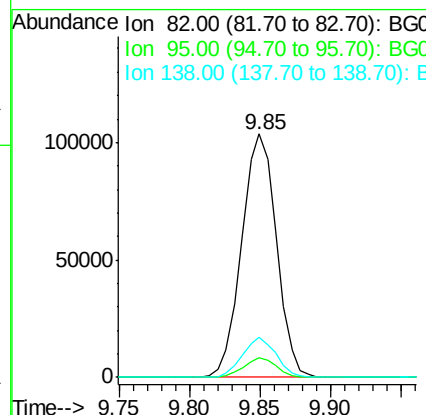
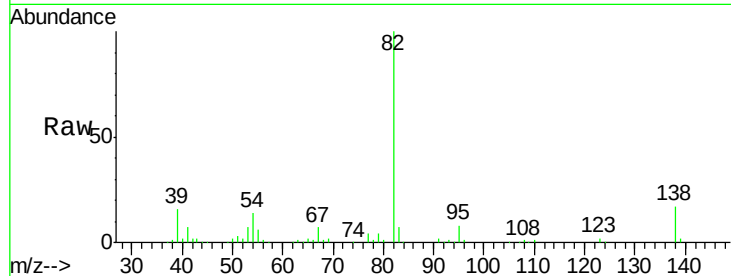
Tot Ion: 82 Resp: 178432

Ion Ratio Lower Upper

82 100

95 8.3 5.2 7.8#

138 16.6 14.4 21.6



#26

2-Nitrophenol

Concen: 44.06 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

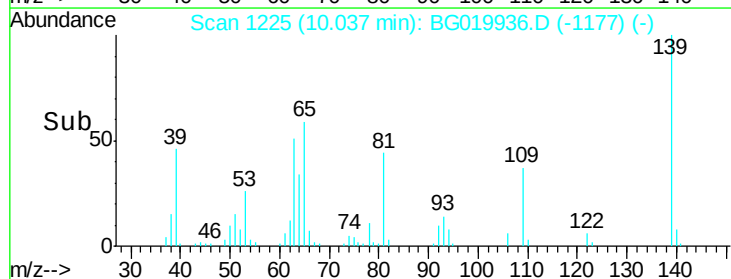
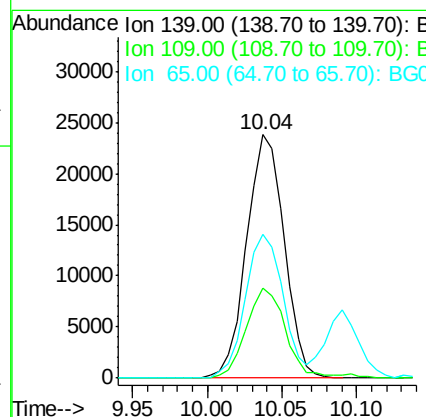
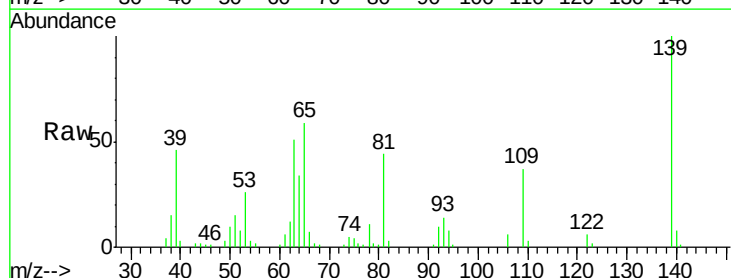
Tgt Ion: 139 Resp: 41375

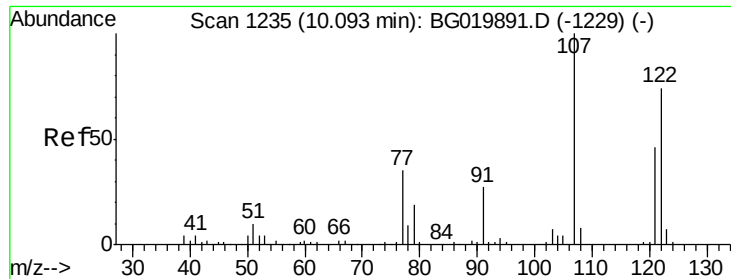
Ion Ratio Lower Upper

139 100

109 37.2 20.1 30.1#

65 59.3 34.1 51.1#

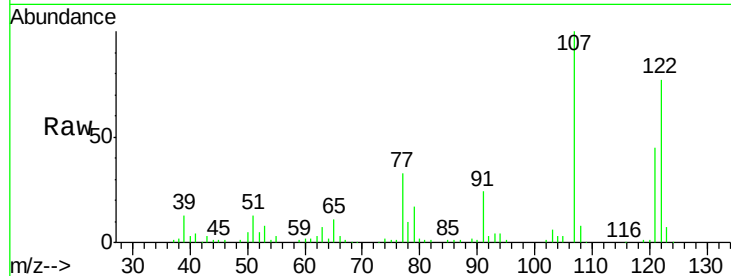




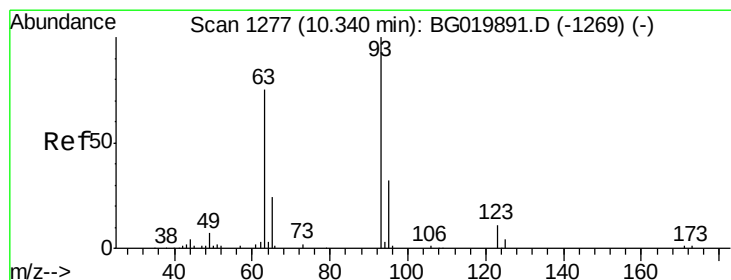
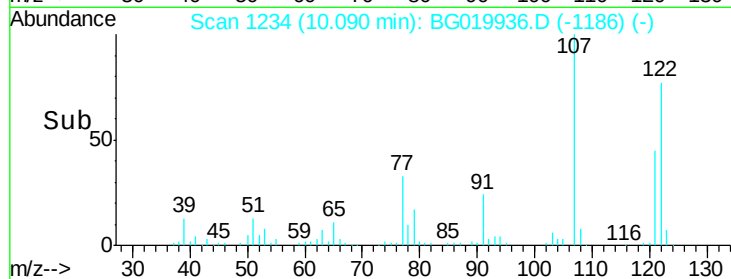
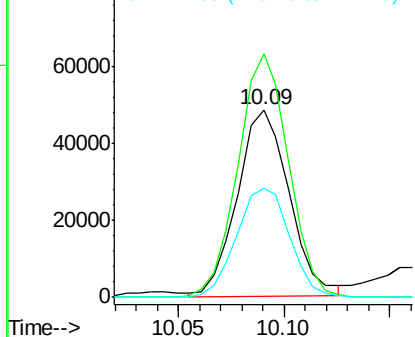
#27
 2,4-Dimethylphenol
 Concen: 42.45 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion:122 Resp: 83014
 Ion Ratio Lower Upper
 122 100
 107 129.8 91.6 137.4
 121 58.5 47.3 70.9

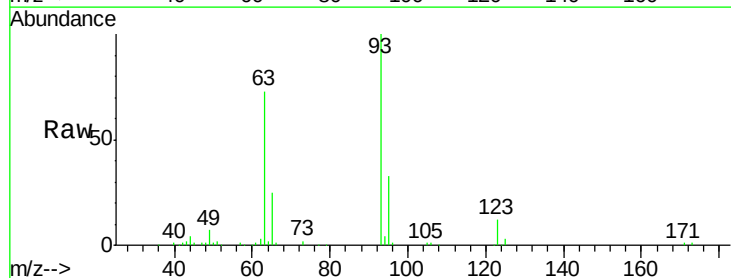


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

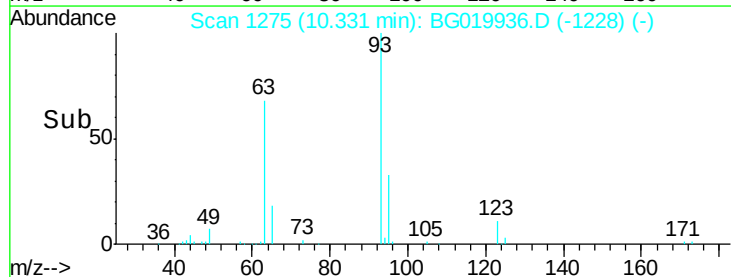
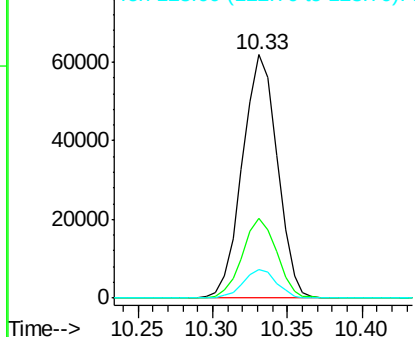


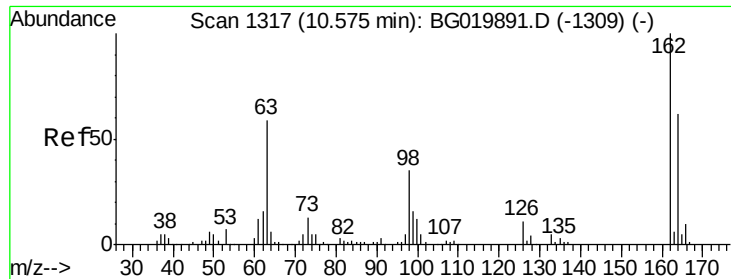
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.71 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion: 93 Resp: 100298
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.7 38.5
 123 11.7 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

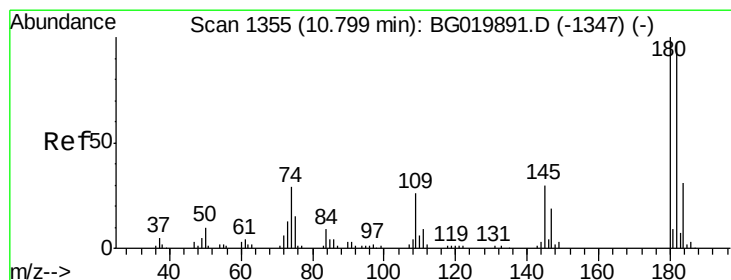
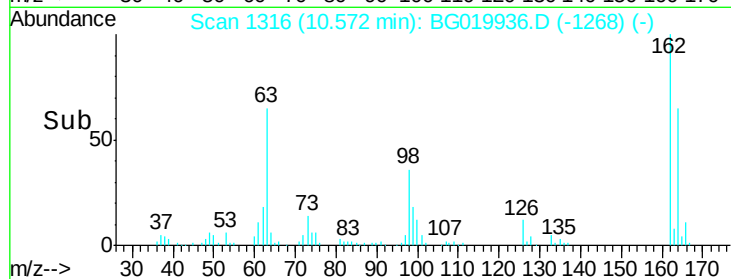
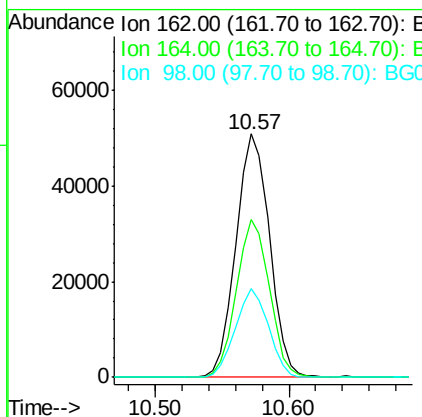
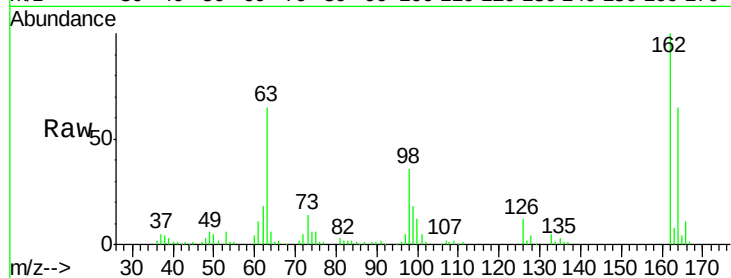




#29
2,4-Dichlorophenol
Concen: 44.49 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

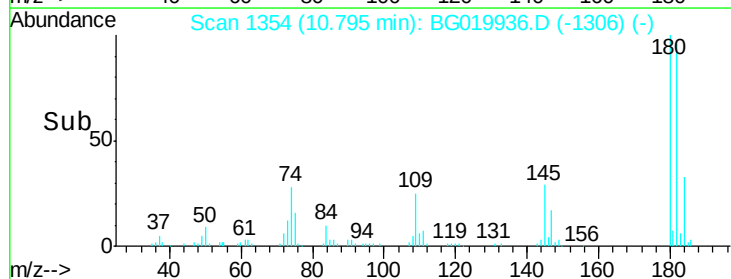
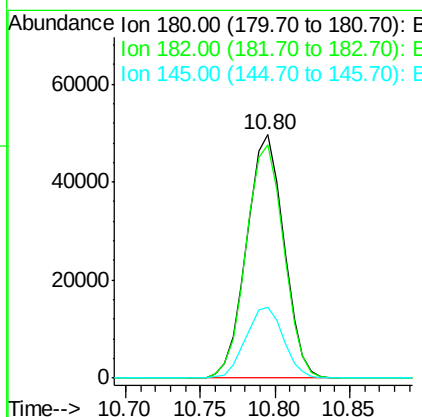
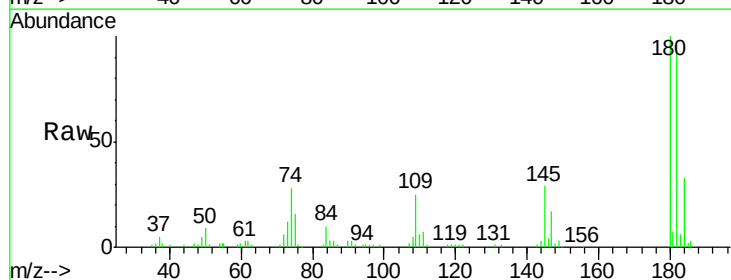
Instrument :
BNA_G
ClientSampleId :
PB87014BS

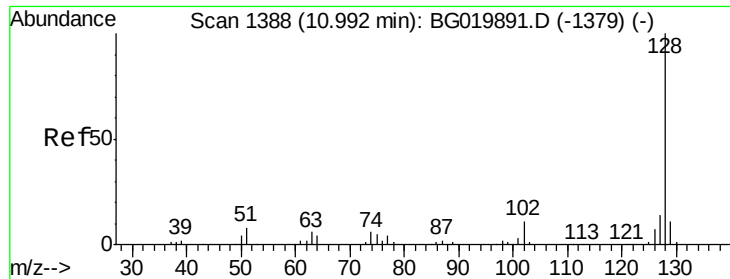
Tot Ion:162 Resp: 88870
Ion Ratio Lower Upper
162 100
164 64.8 42.3 82.3
98 36.3 11.5 51.5



#30
1,2,4-Trichlorobenzene
Concen: 38.03 ng
RT: 10.80 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:180 Resp: 85857
Ion Ratio Lower Upper
180 100
182 96.0 79.7 119.5
145 29.1 22.0 33.0

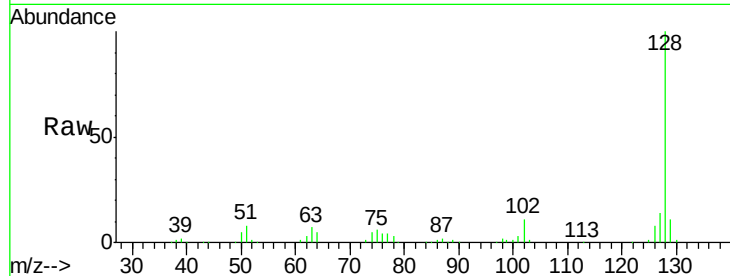




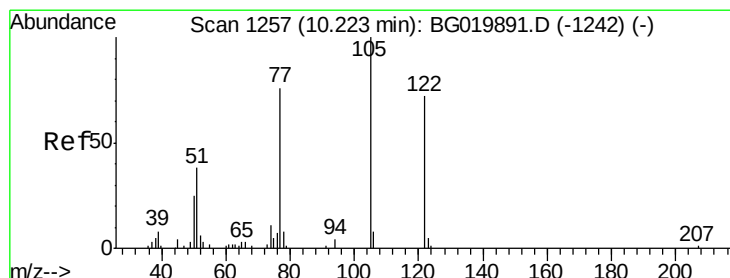
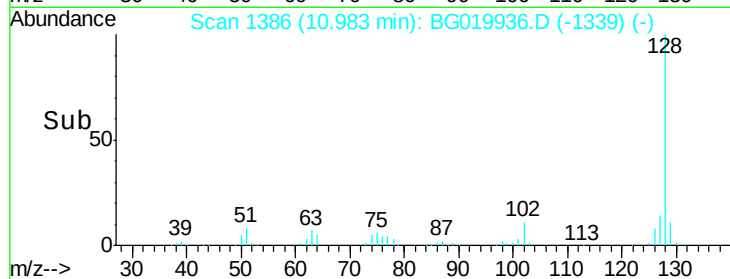
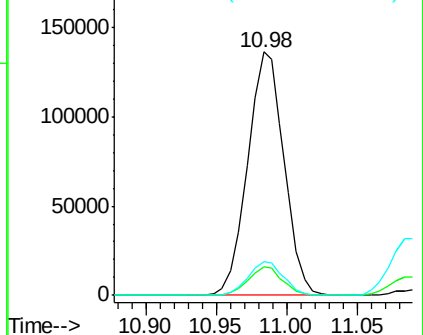
#31
Naphthalene
Concen: 40.09 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion:128 Resp: 245693
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 13.8 10.6 16.0

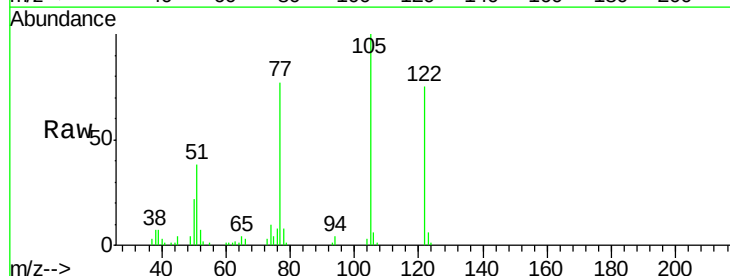


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

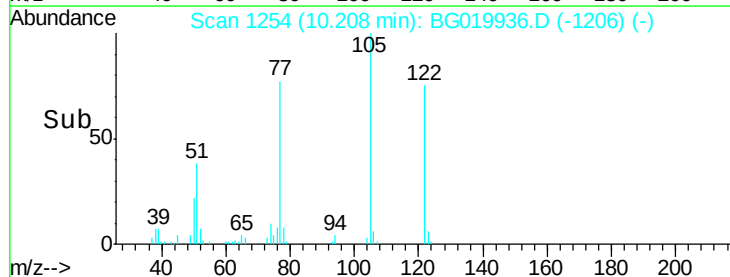
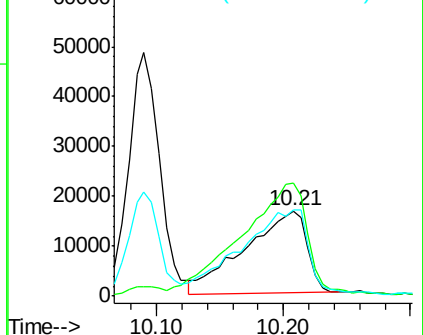


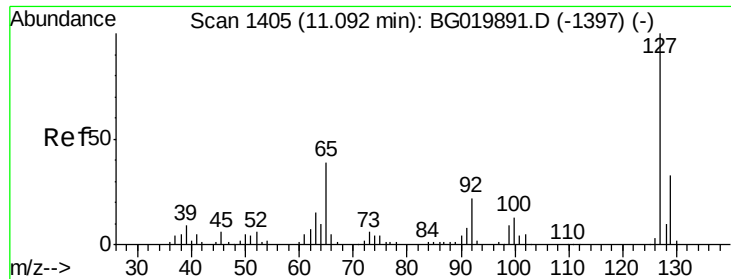
#32
Benzoic acid
Concen: 43.23 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:122 Resp: 56065
Ion Ratio Lower Upper
122 100
105 132.5 103.8 143.8
77 101.6 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

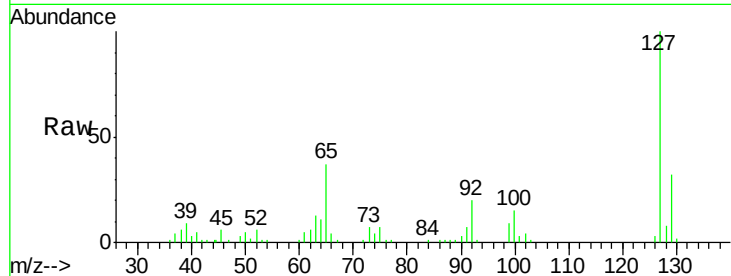




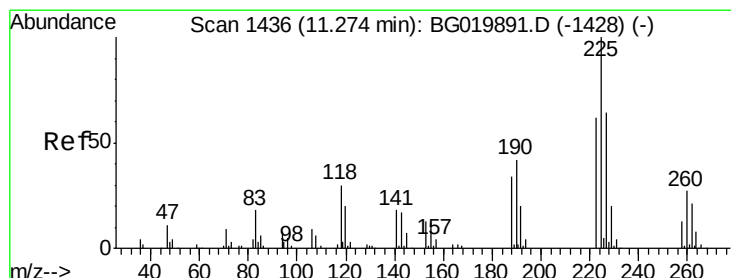
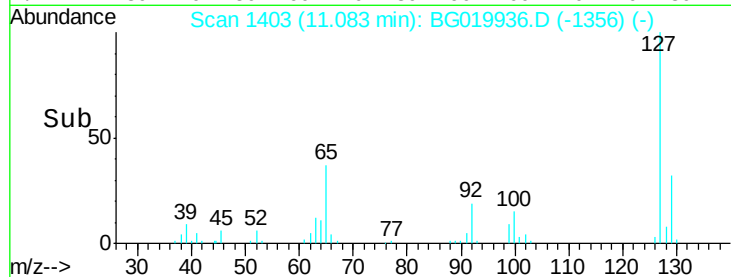
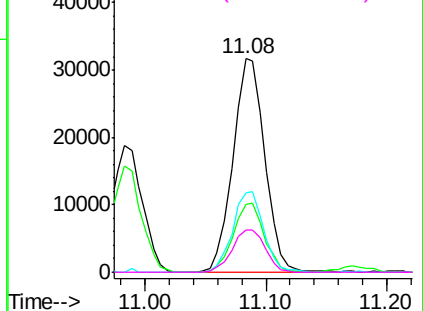
#33
4-Chloroaniline
Concen: 21.60 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleID :
PB87014BS

Tot Ion:	127	Resp:	58328
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.6	37.0
65	37.2	22.6	33.8
92	19.8	15.1	22.7

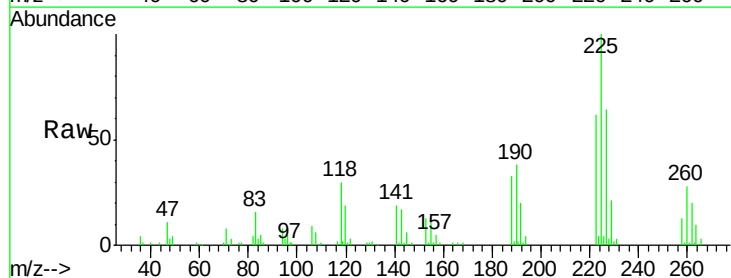


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

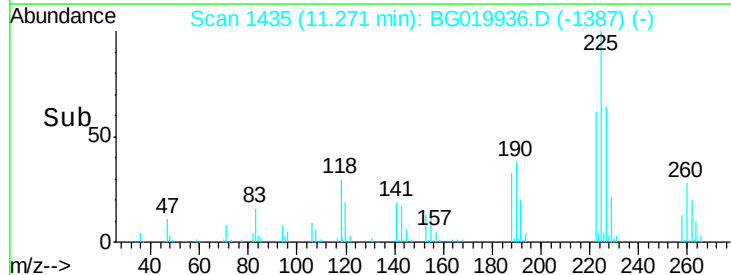
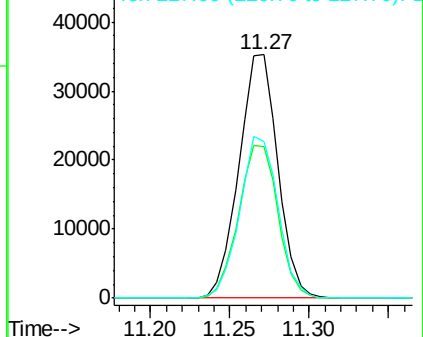


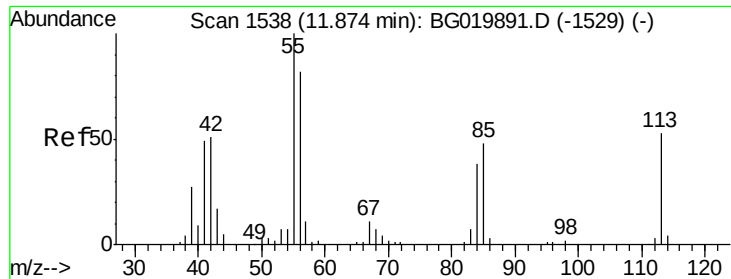
#34
Hexachlorobutadiene
Concen: 36.03 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:	225	Resp:	60000
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	64.4	51.8	77.8



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





#35

Caprolactam

Concen: 28.40 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampled :

PB87014BS

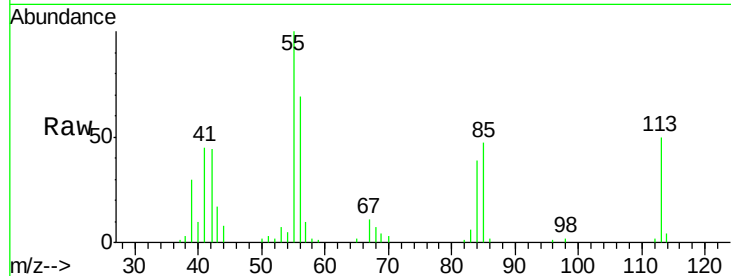
Tot Ion:113 Resp: 21117

Ion Ratio Lower Upper

113 100

55 199.8 135.0 175.0#

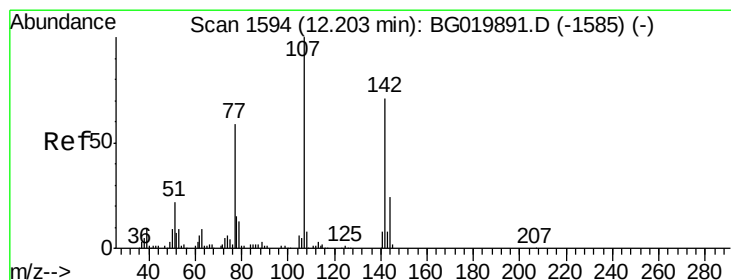
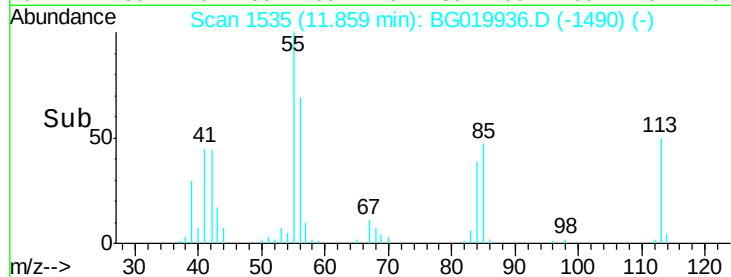
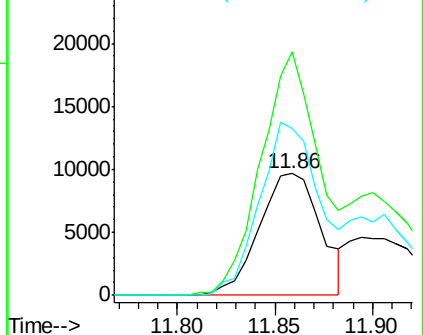
56 137.0 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019891.D (-1529) (-)

Ion 56.00 (55.70 to 56.70): BG019891.D (-1529) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.26 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

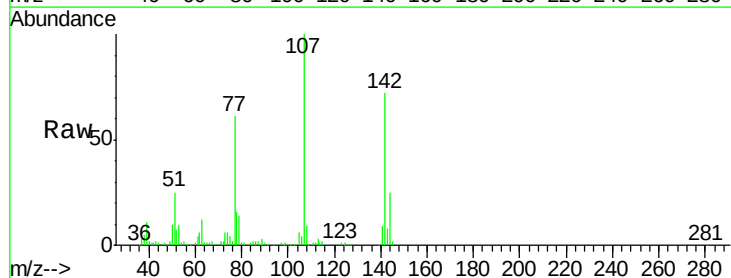
Tgt Ion:107 Resp: 105133

Ion Ratio Lower Upper

107 100

144 25.0 20.6 31.0

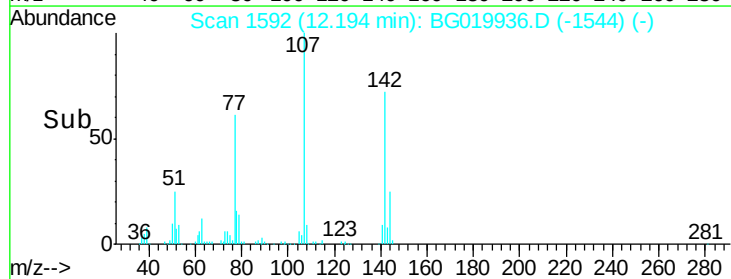
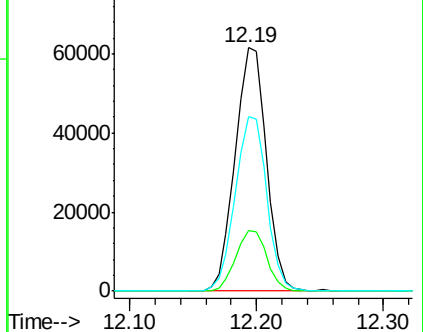
142 71.8 62.6 93.8

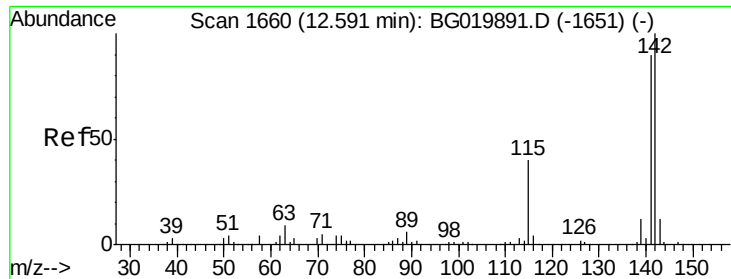


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

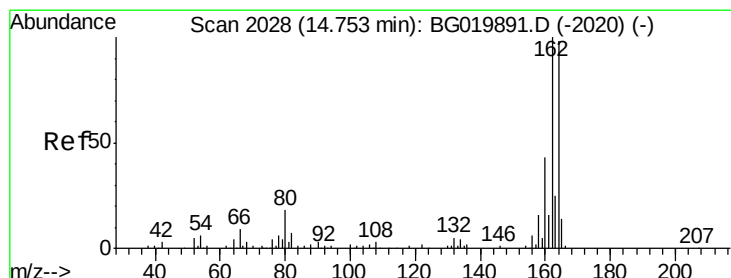
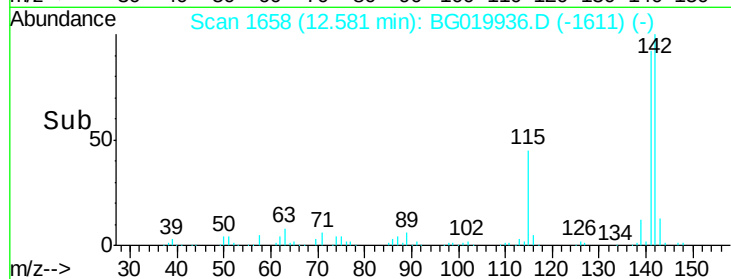
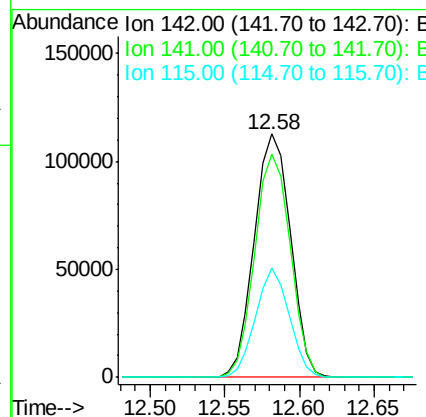
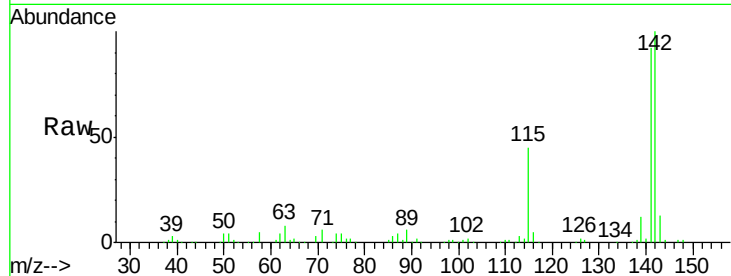




#37
 2-Methylnaphthalene
 Concen: 42.23 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

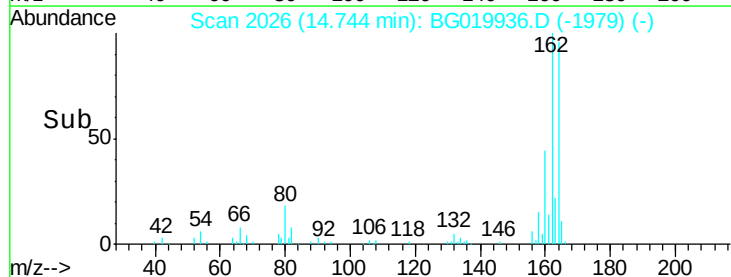
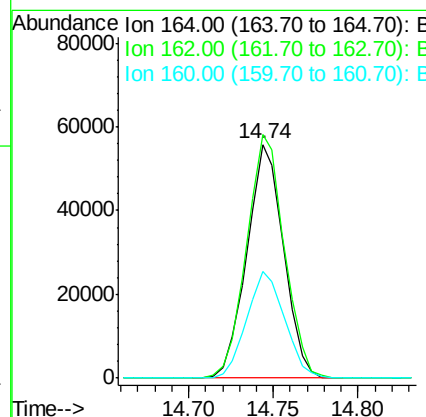
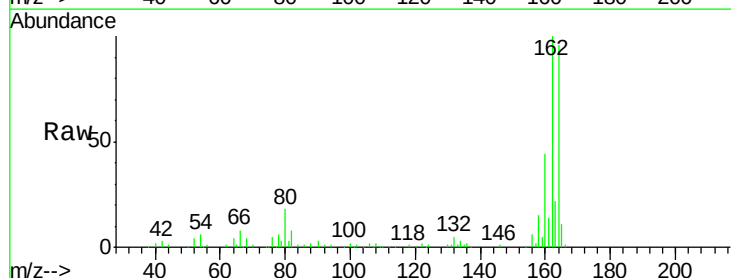
Instrument :
 BNA_G
 ClientSampleID :
 PB87014BS

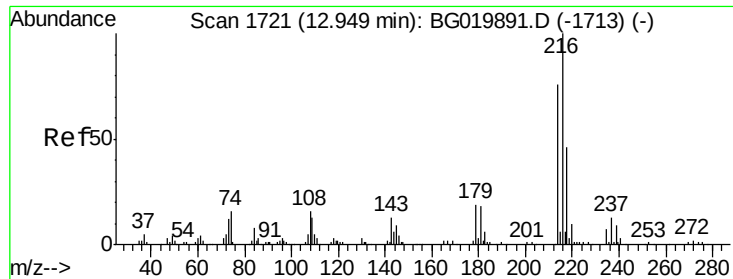
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.6	112.0
115	44.6	27.4	41.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	45.4	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.02 ng

RT: 12.95 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

Tot Ion:216 Resp: 118507

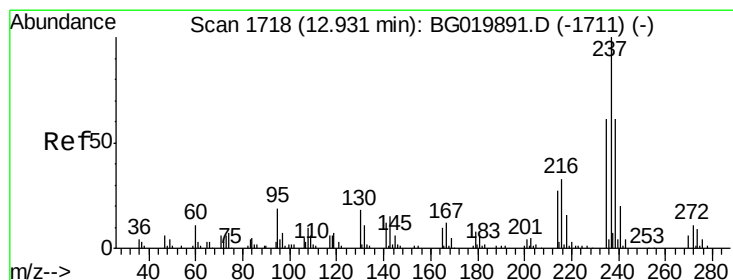
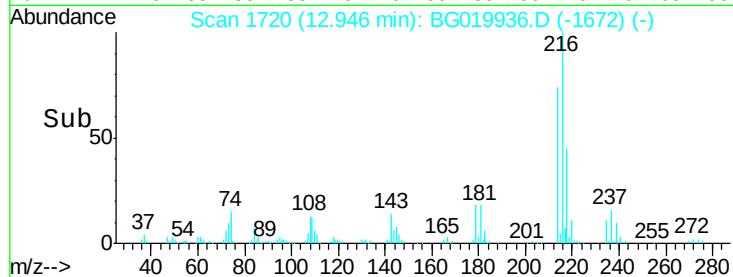
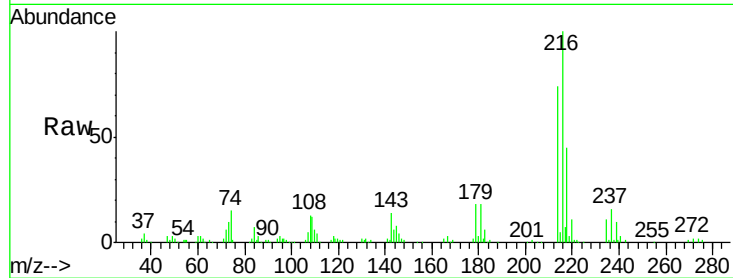
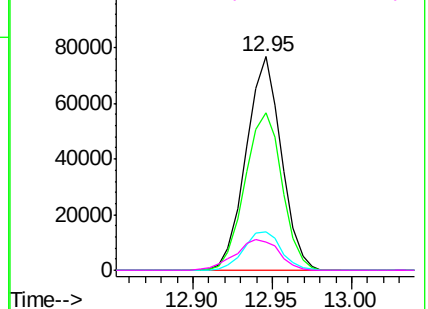
Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.5	93.7
179	19.0	15.6	23.4
108	17.8	13.3	19.9

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: 68.90 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

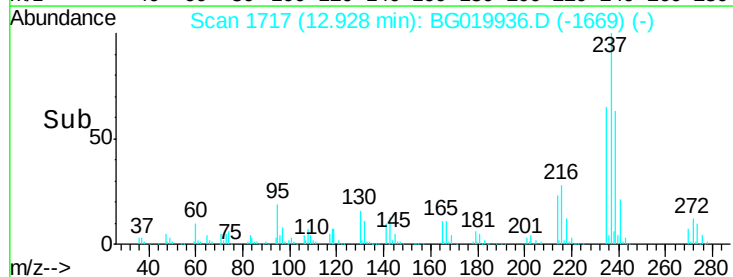
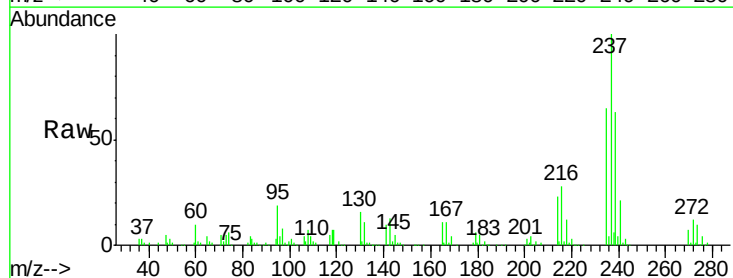
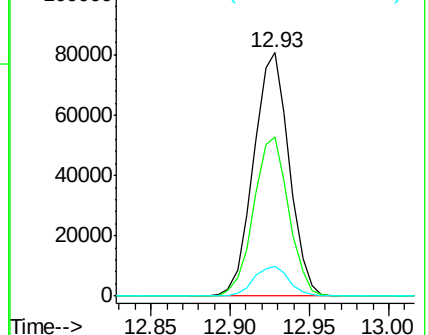
Tgt Ion:237 Resp: 125740

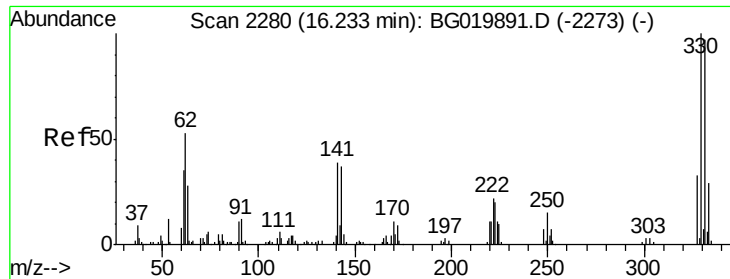
Ion	Ratio	Lower	Upper
237	100		
235	65.4	44.6	84.6
272	12.5	0.0	32.8

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

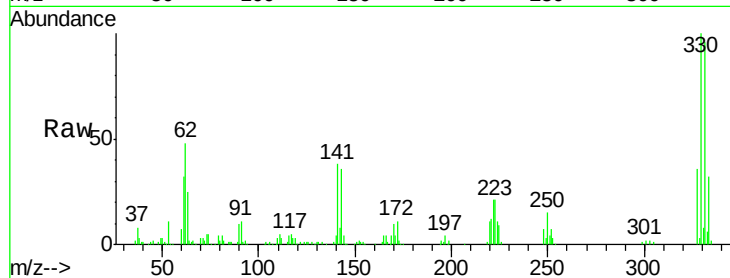




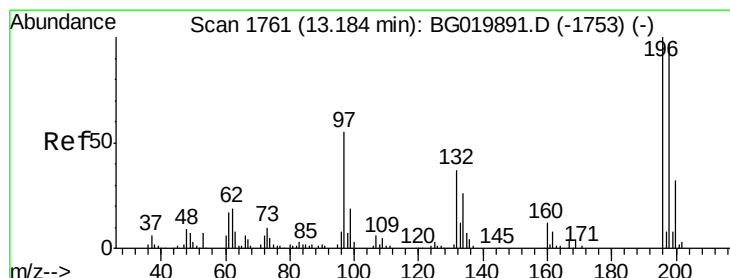
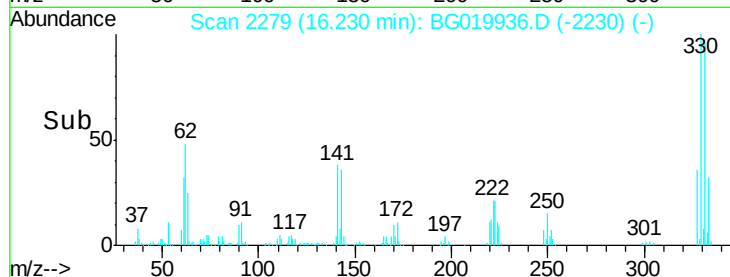
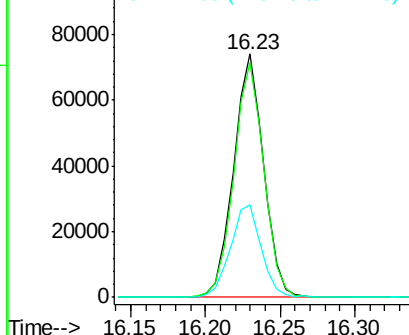
#41
 2,4,6-Tribromophenol
 Concen: 79.97 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleID :
 PB87014BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.1	117.1
141	39.4	28.2	42.2

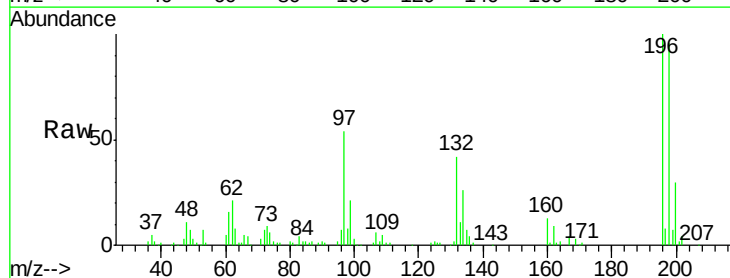


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

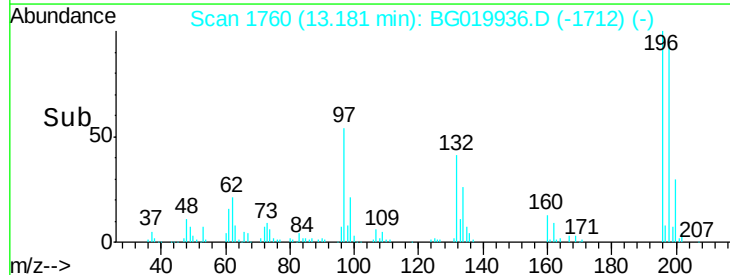
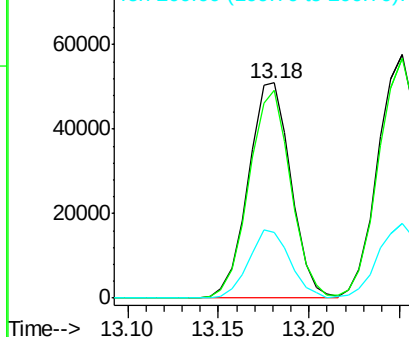


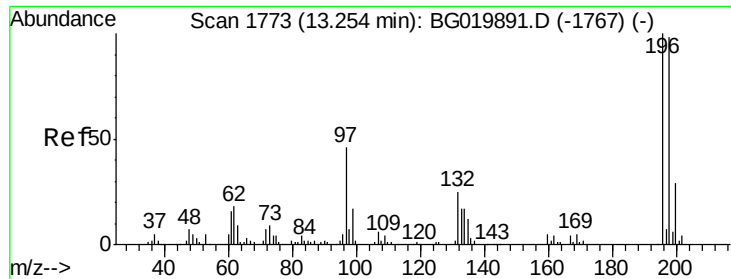
#42
 2,4,6-Trichlorophenol
 Concen: 39.54 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.7	112.1
200	30.3	24.1	36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

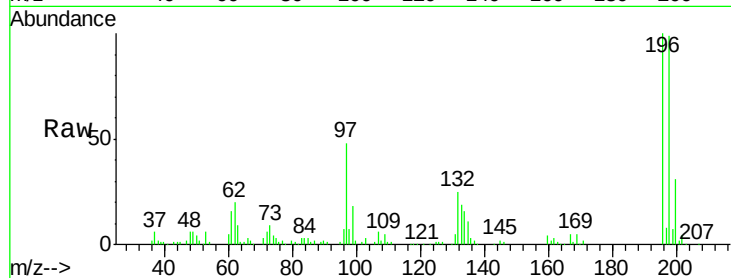




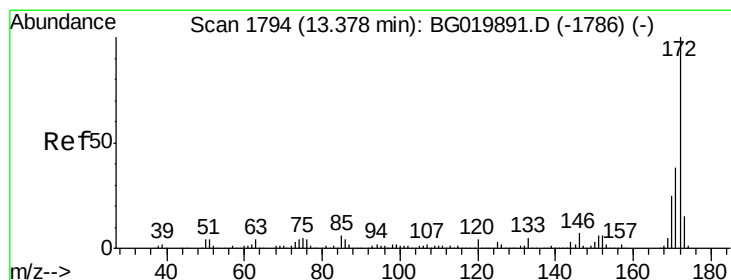
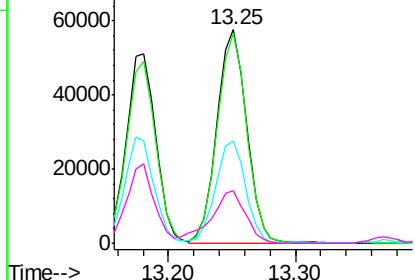
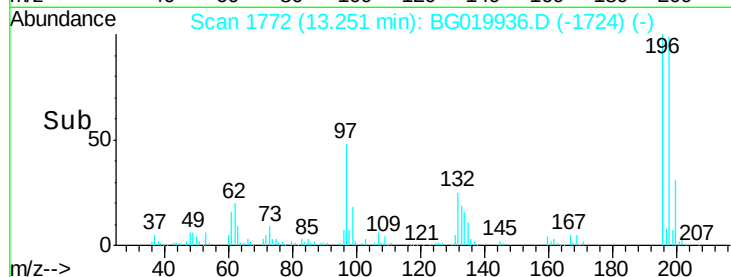
#43
2,4,5-Trichlorophenol
Concen: 42.17 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion:196 Resp: 94453
Ion Ratio Lower Upper
196 100
198 98.5 75.2 112.8
97 47.9 34.2 51.2
132 24.8 21.8 32.6

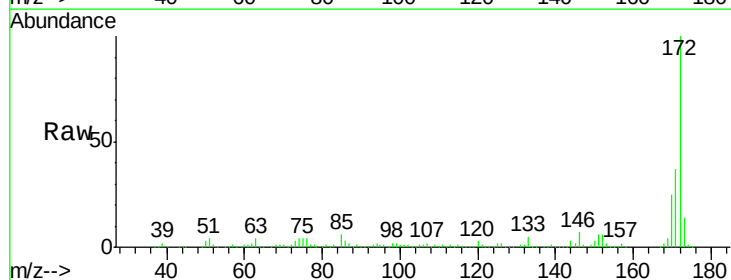


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

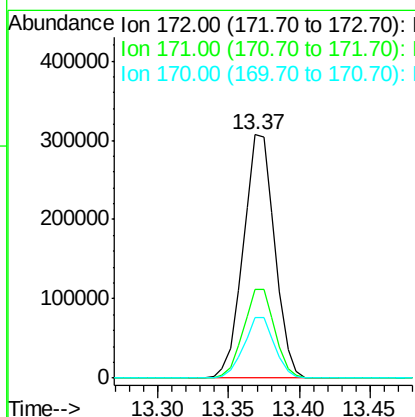
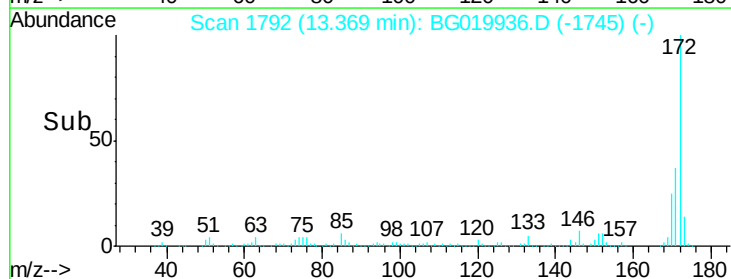


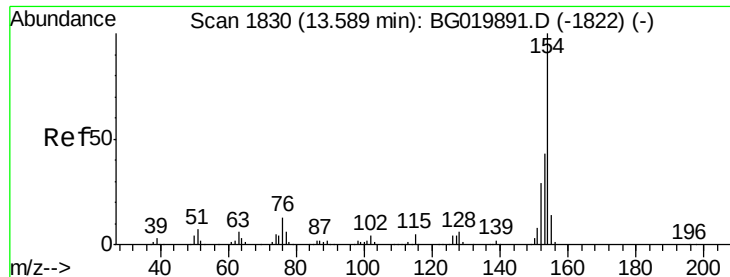
#44
2-Fluorobiphenyl
Concen: 77.22 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:172 Resp: 477031
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 24.8 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

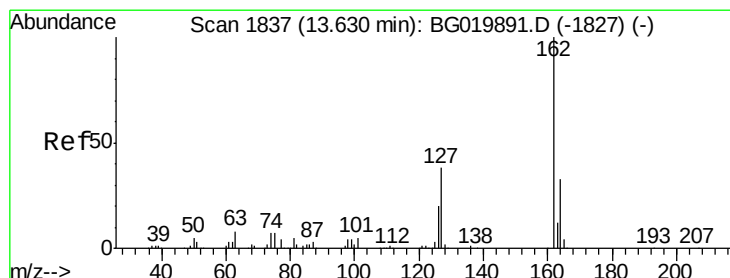
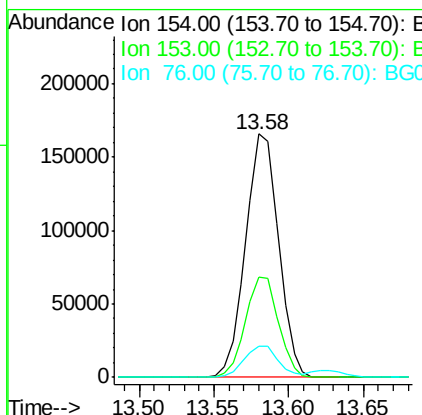
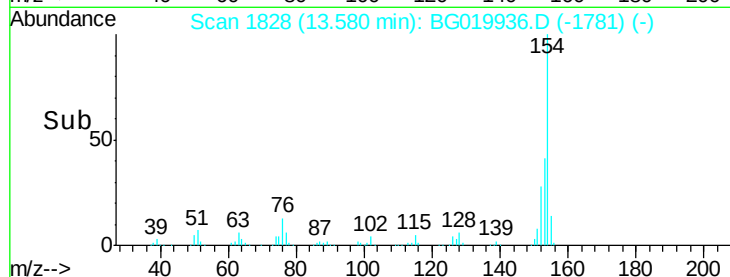
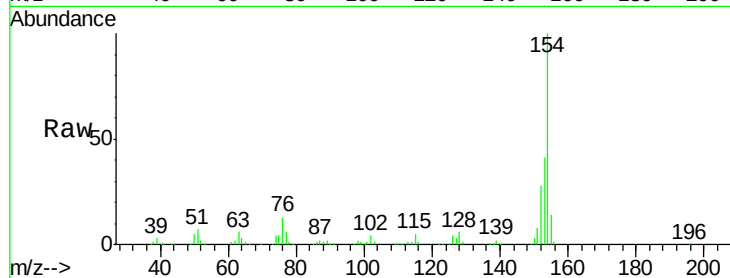




#45
 1,1'-Biphenyl
 Concen: 36.50 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

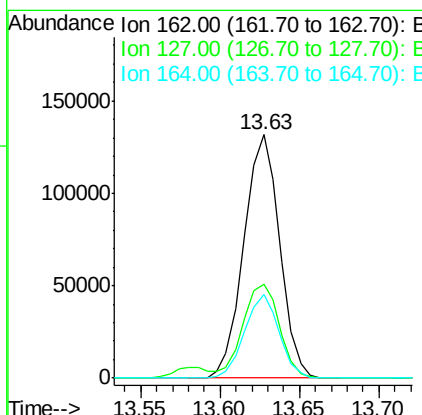
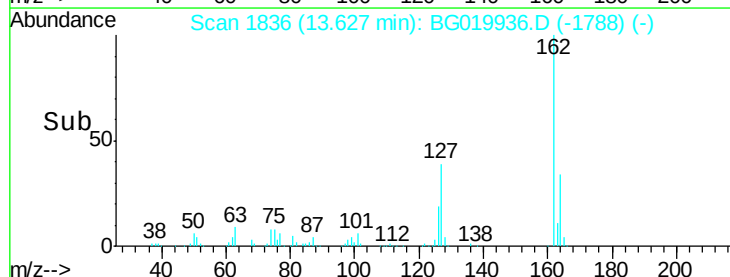
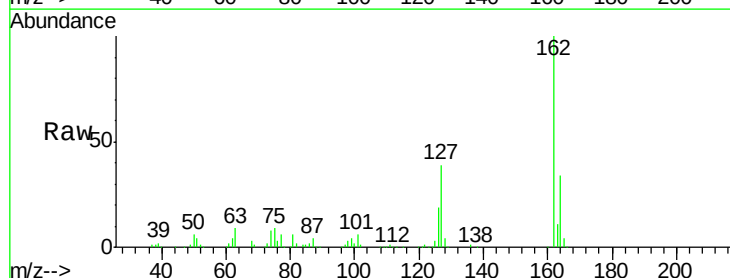
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

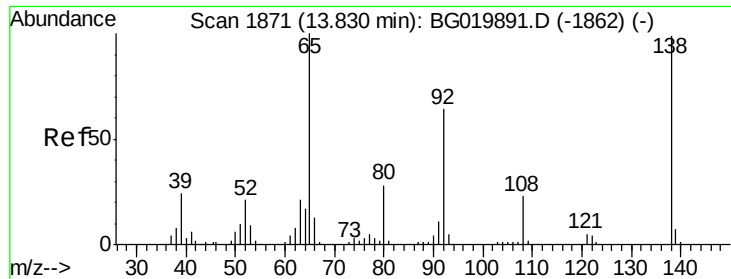
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.9	61.9
76	12.9	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 38.67 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	28.3	42.5
164	34.5	27.4	41.0

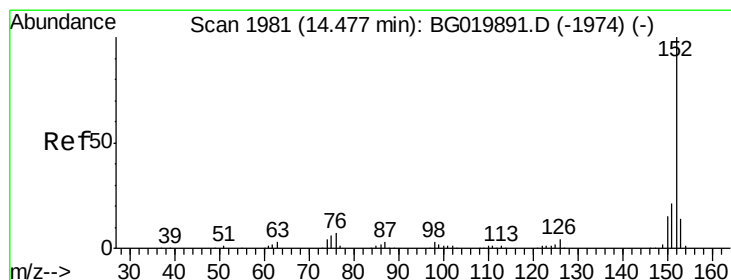
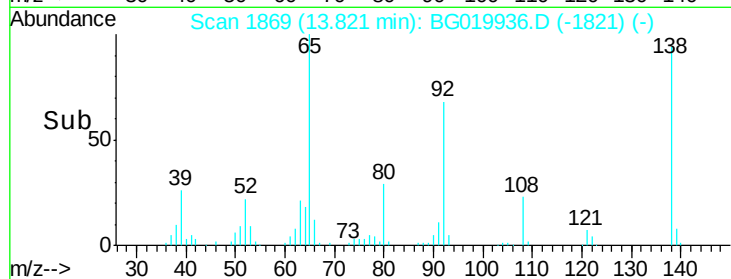
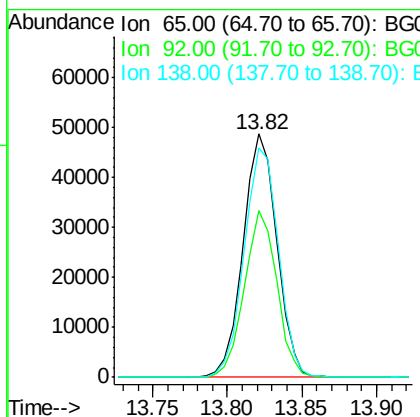
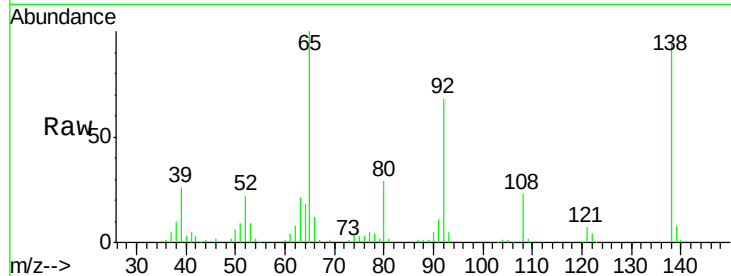




#47
 2-Nitroaniline
 Concen: 45.10 ng
 RT: 13.82 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

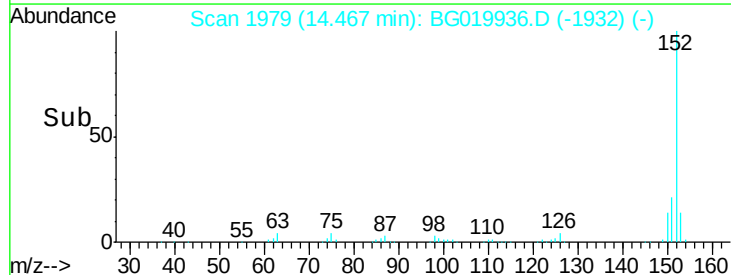
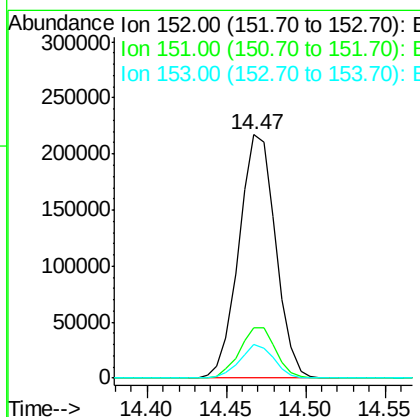
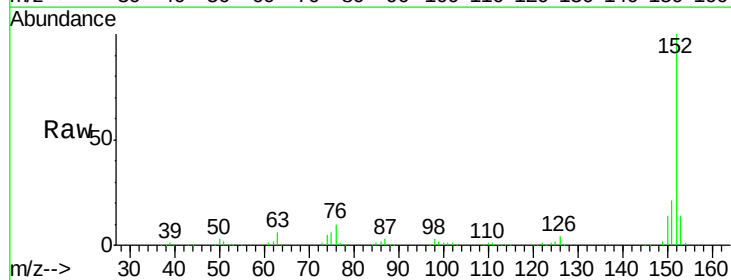
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

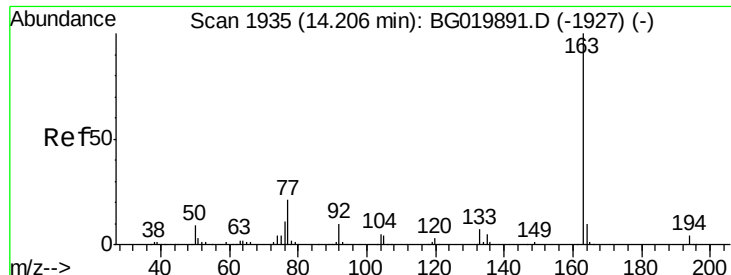
Tot Ion: 65 Resp: 76001
 Ion Ratio Lower Upper
 65 100
 92 68.4 54.8 82.2
 138 94.5 89.6 134.4



#48
 Acenaphthylene
 Concen: 38.36 ng
 RT: 14.47 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion: 152 Resp: 348662
 Ion Ratio Lower Upper
 152 100
 151 20.8 17.0 25.4
 153 14.0 10.4 15.6





#49

Dimethylphthalate

Concen: 38.12 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

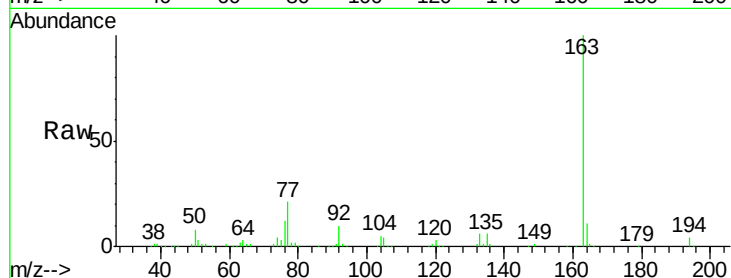
Tot Ion:163 Resp: 289200

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

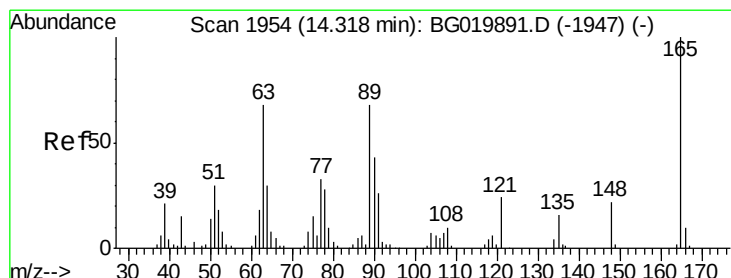
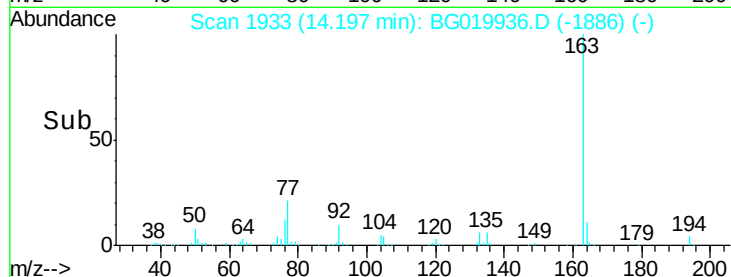
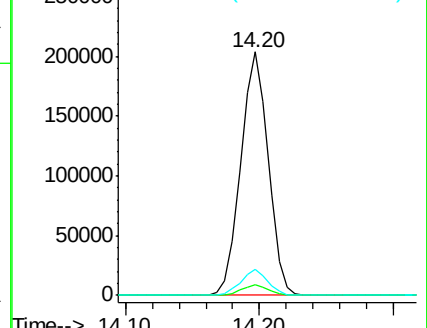
164 10.5 8.8 13.2



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: 44.07 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

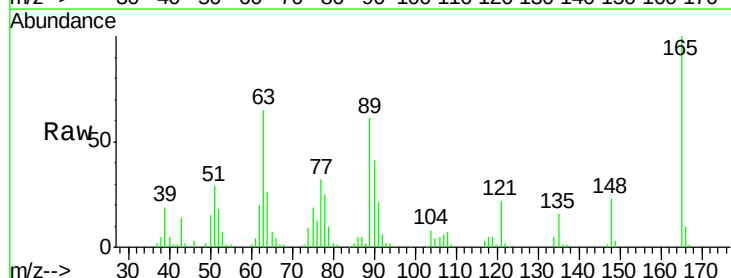
Tgt Ion:165 Resp: 62865

Ion Ratio Lower Upper

165 100

63 64.6 35.7 53.5#

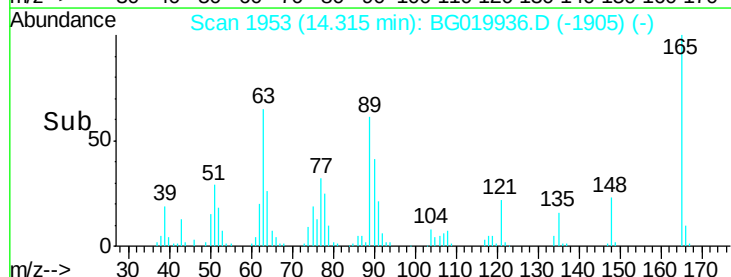
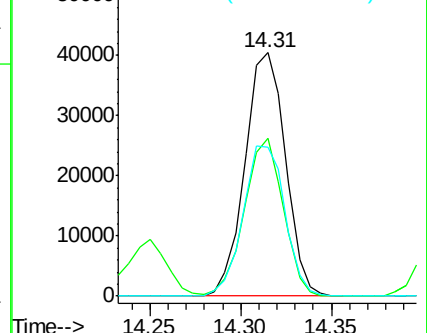
89 61.4 39.7 59.5#

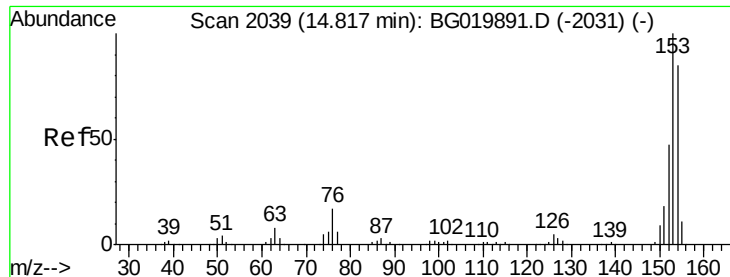


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.67 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

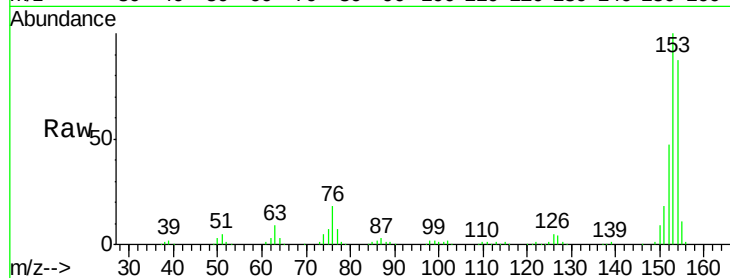
Tot Ion:154 Resp: 246338

Ion Ratio Lower Upper

154 100

153 114.4 92.9 139.3

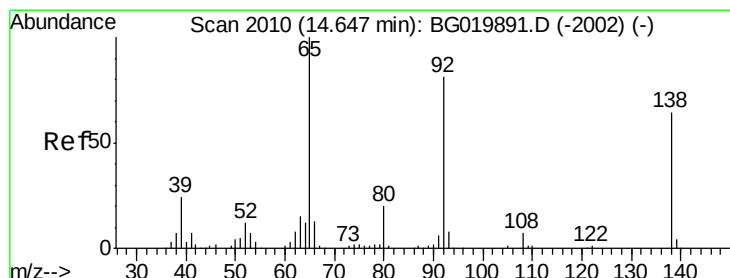
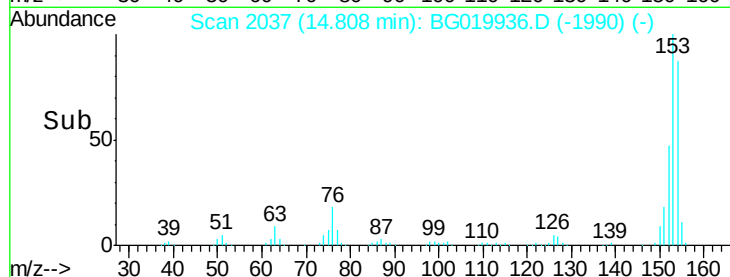
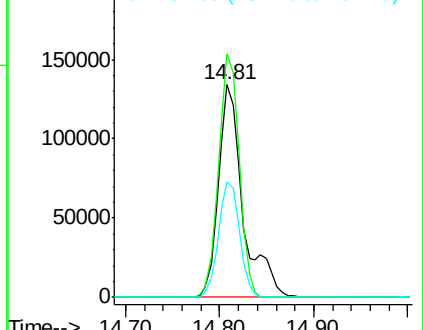
152 54.2 45.8 68.8



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: 34.09 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

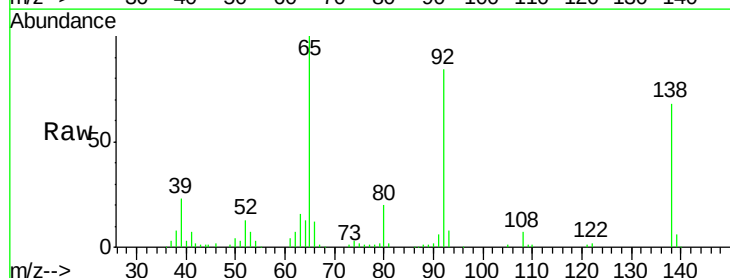
Tgt Ion:138 Resp: 50516

Ion Ratio Lower Upper

138 100

108 10.9 7.9 11.9

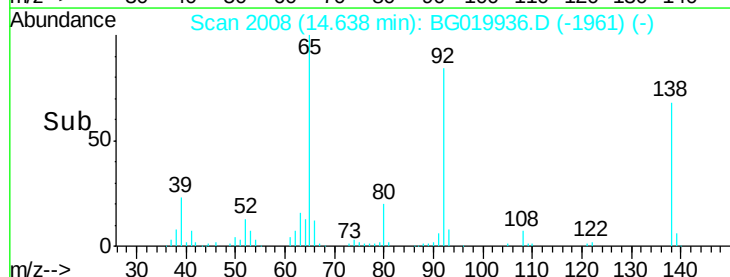
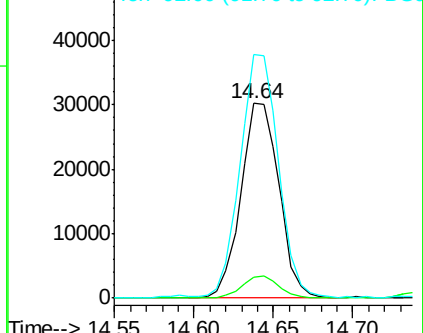
92 125.0 94.2 141.4

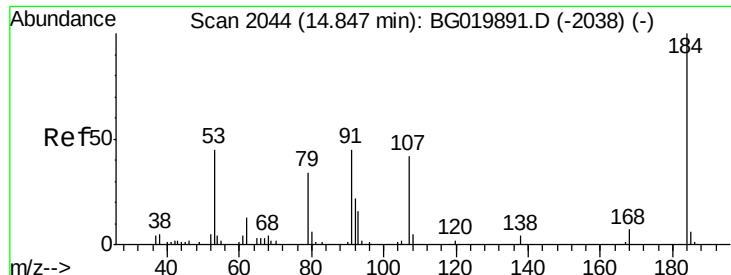


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

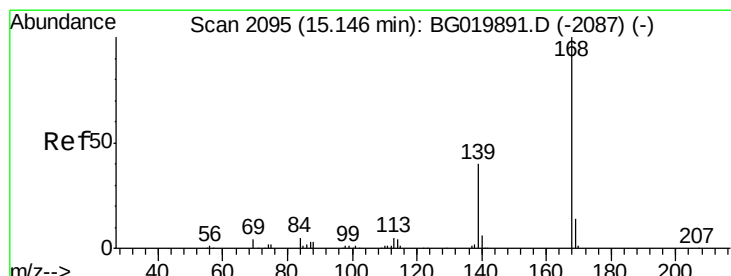
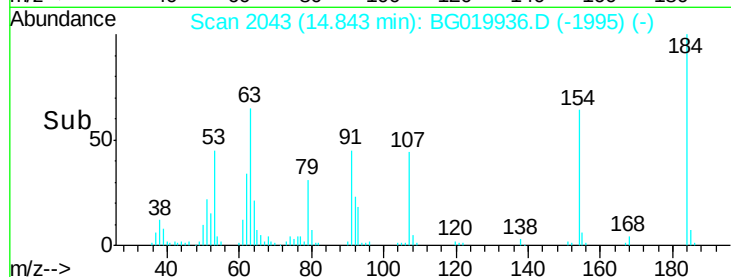
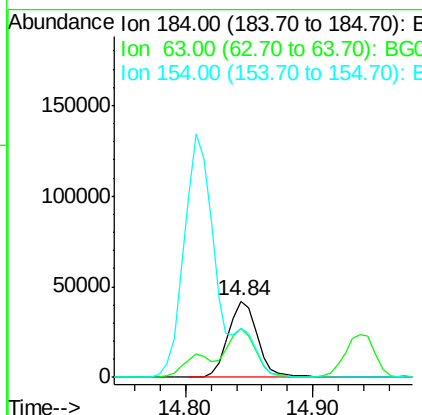
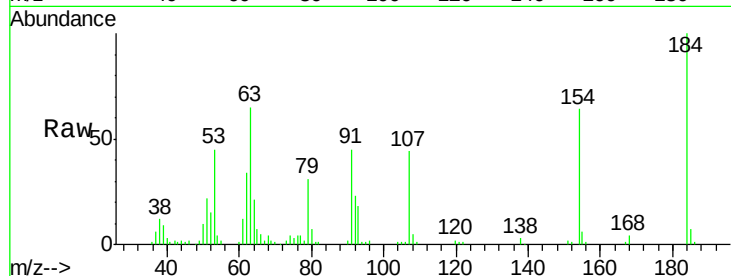




#53
 2,4-Dinitrophenol
 Concen: 87.65 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

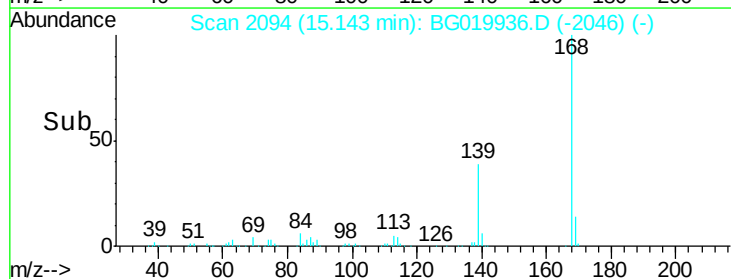
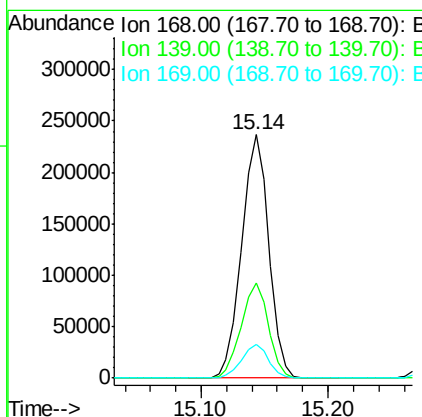
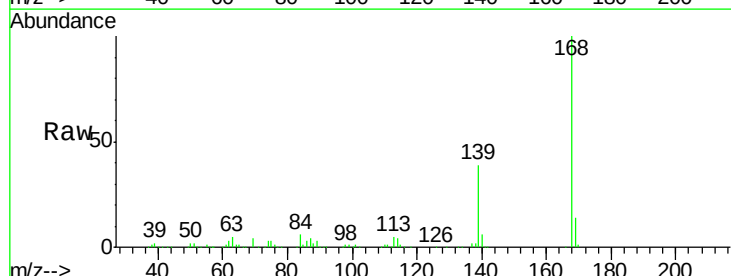
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

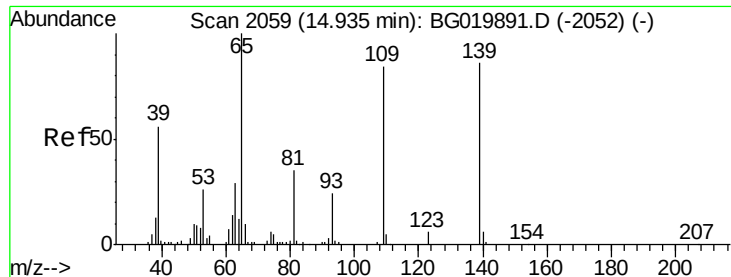
Tot Ion:184 Resp: 67300
 Ion Ratio Lower Upper
 184 100
 63 65.2 42.7 64.1#
 154 64.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 42.69 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:168 Resp: 350252
 Ion Ratio Lower Upper
 168 100
 139 39.1 27.4 41.0
 169 13.9 11.0 16.4





#55

4-Nitrophenol

Concen: 84.35 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

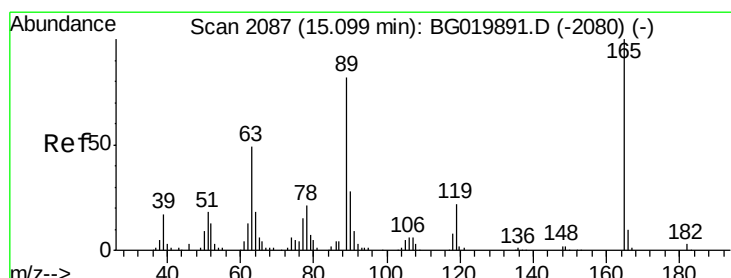
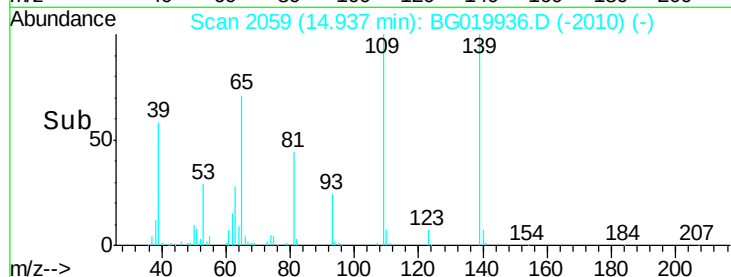
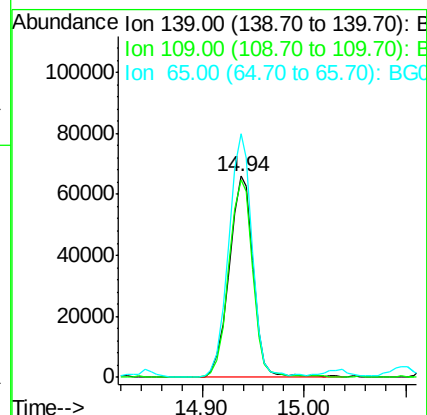
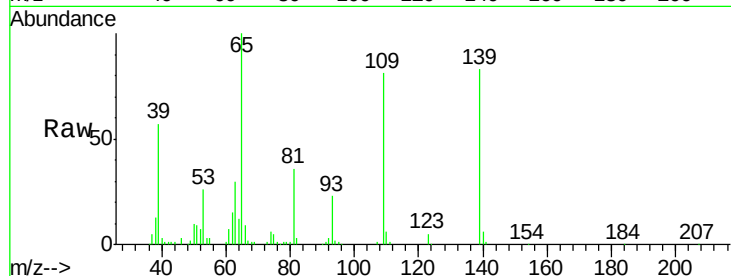
Tot Ion:139 Resp: 108868

Ion Ratio Lower Upper

139 100

109 98.2 43.2 83.2#

65 121.0 67.8 107.8#



#56

2,4-Dinitrotoluene

Concen: 46.64 ng

RT: 15.10 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:165 Resp: 92821

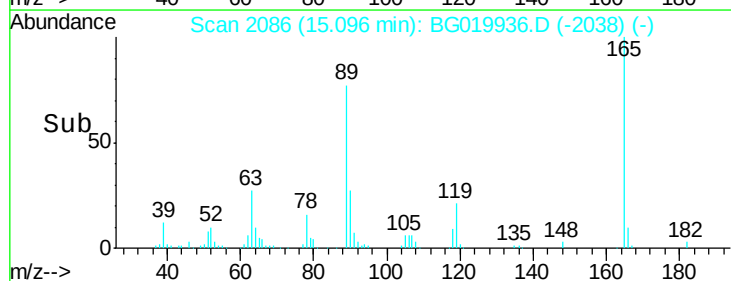
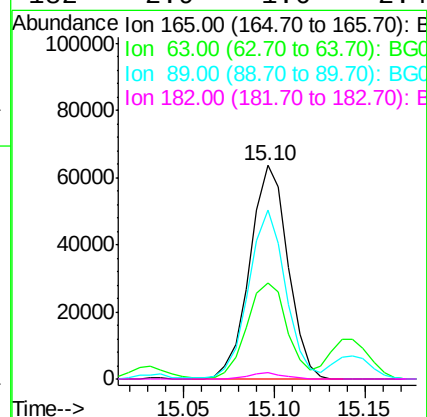
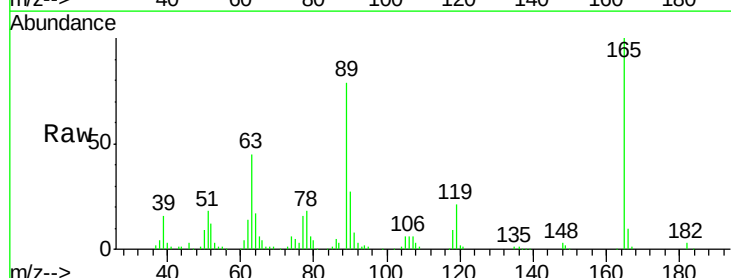
Ion Ratio Lower Upper

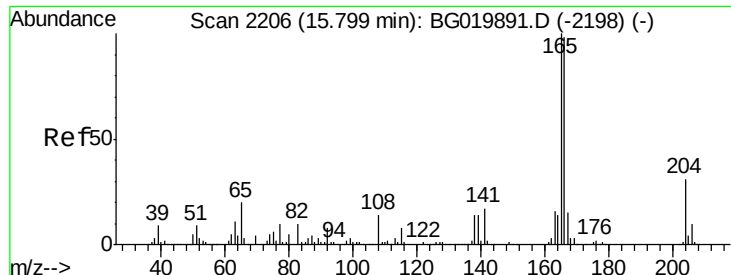
165 100

63 44.8 31.0 46.4

89 79.4 54.4 81.6

182 2.9 1.6 2.4#

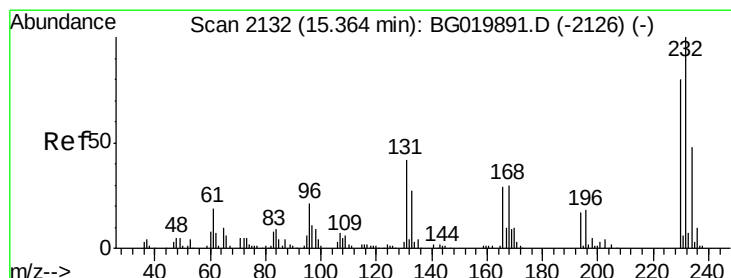
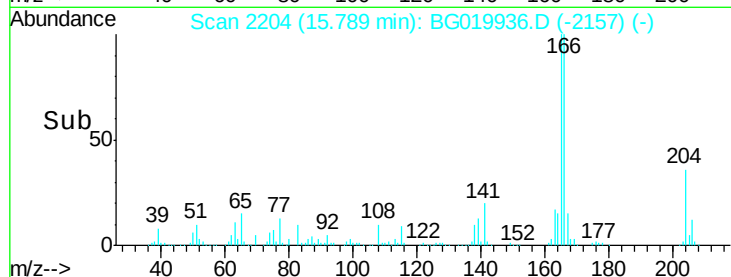
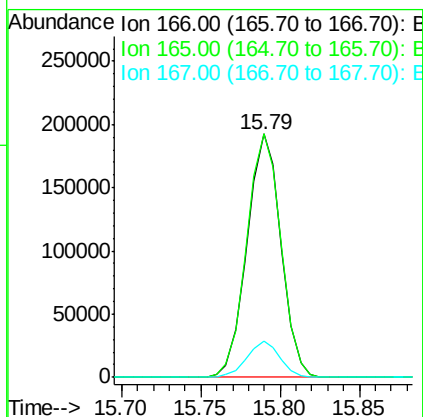
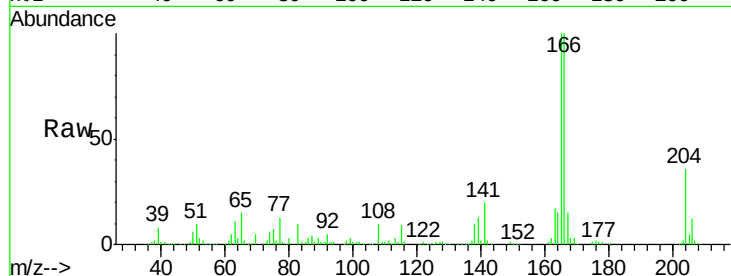




#57
 Fluorene
 Concen: 38.92 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

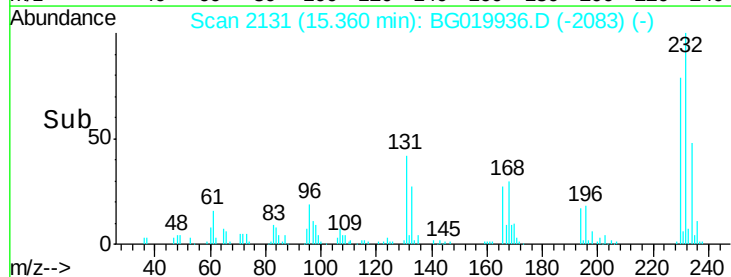
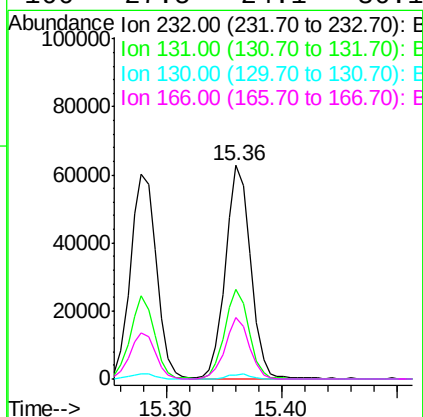
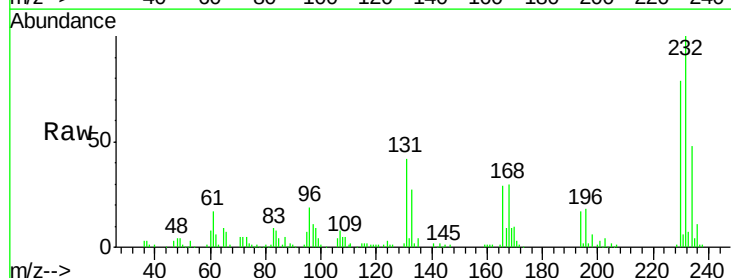
Instrument :
 BNA_G
 ClientSampled :
 PB87014BS

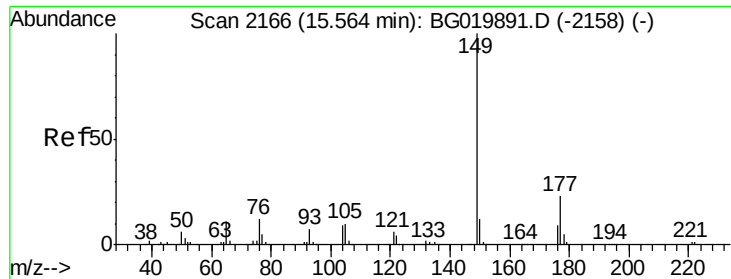
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.0	120.0
167	14.6	11.1	16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.71 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.0	49.6
130	2.2	2.0	3.0
166	27.5	24.1	36.1





#59

Diethylphthalate

Concen: 37.32 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

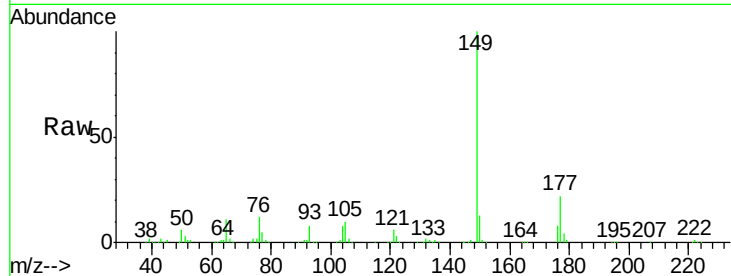
Tot Ion:149 Resp: 306468

Ion Ratio Lower Upper

149 100

177 22.4 19.6 29.4

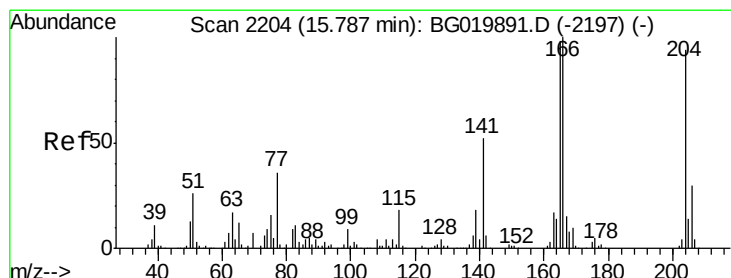
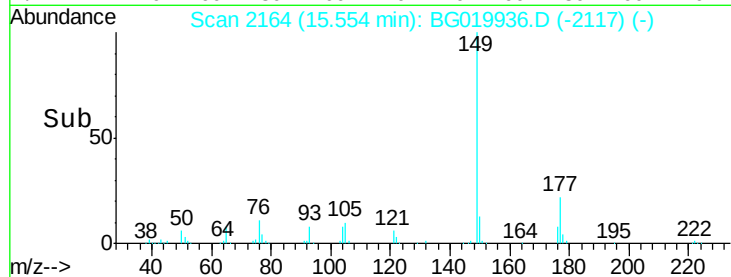
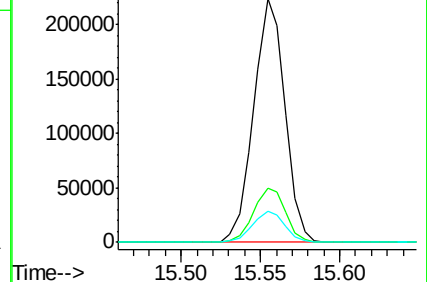
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.20 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

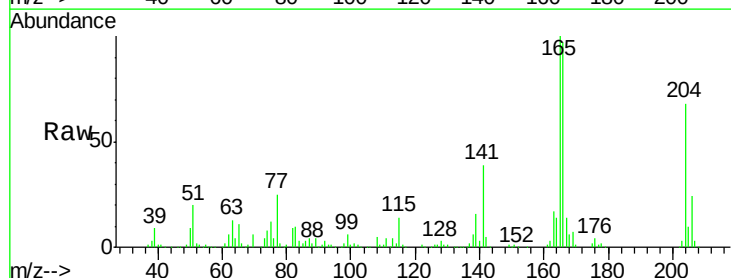
Tgt Ion:204 Resp: 156833

Ion Ratio Lower Upper

204 100

206 35.1 28.3 42.5

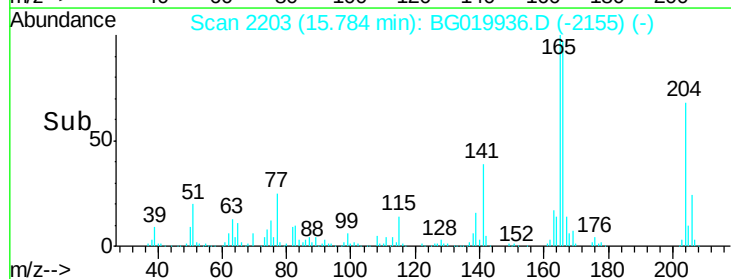
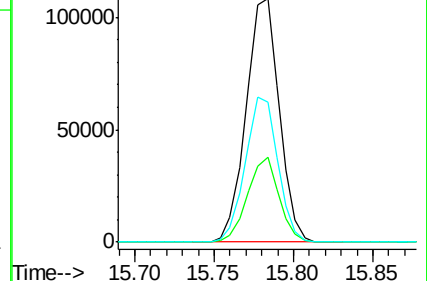
141 57.4 44.0 66.0

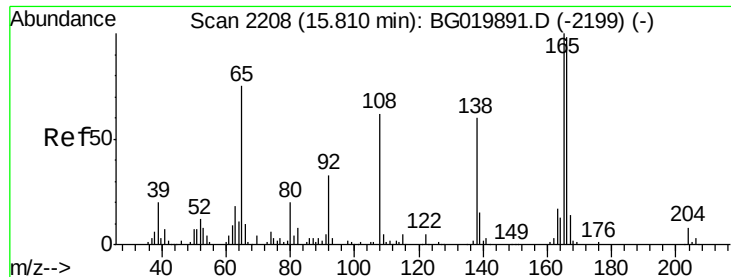


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

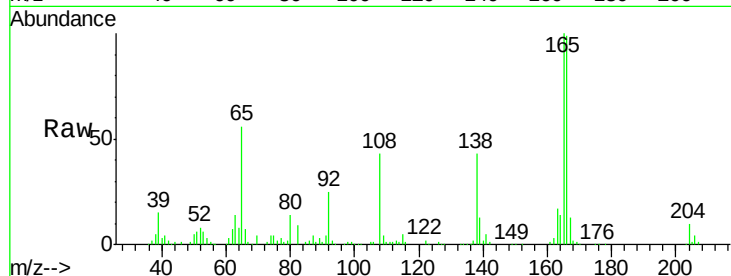




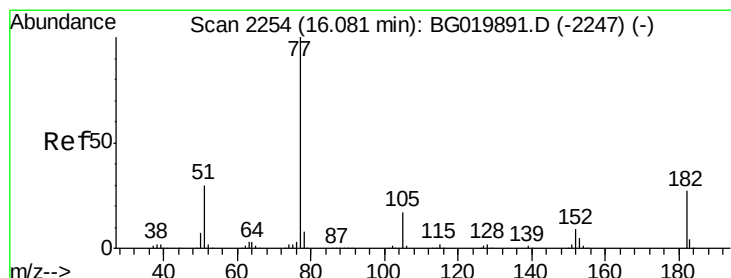
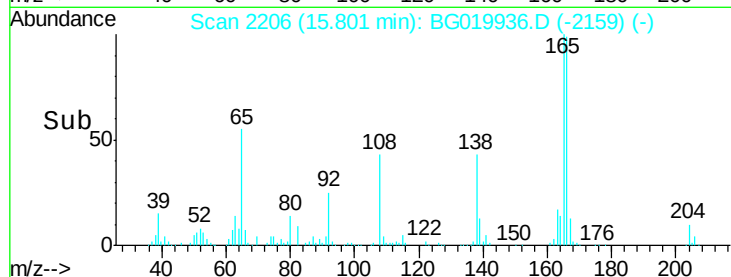
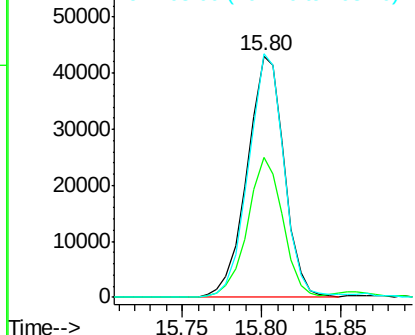
#61
4-Nitroaniline
Concen: 41.95 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion:138 Resp: 69925
Ion Ratio Lower Upper
138 100
92 58.1 29.1 69.1
108 100.9 49.8 89.8#

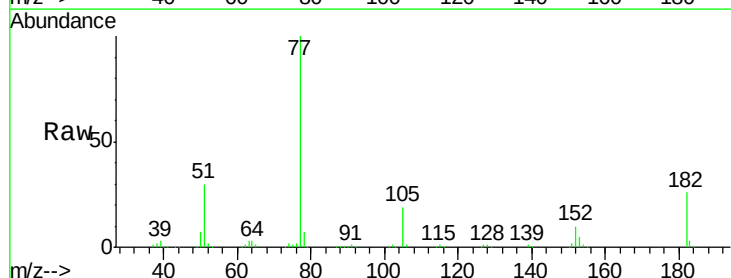


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

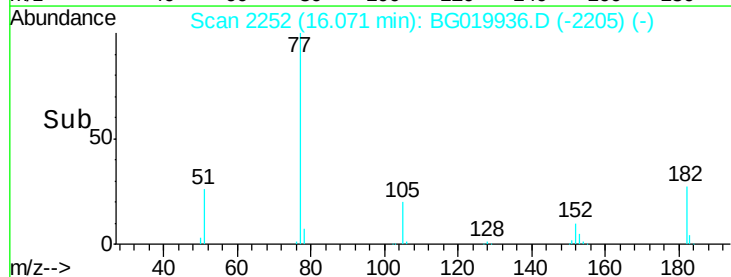
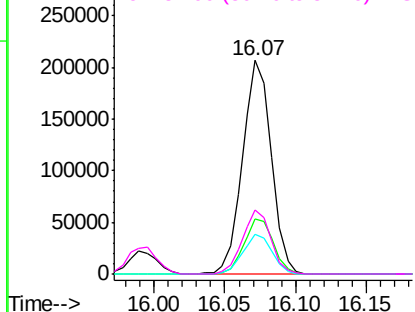


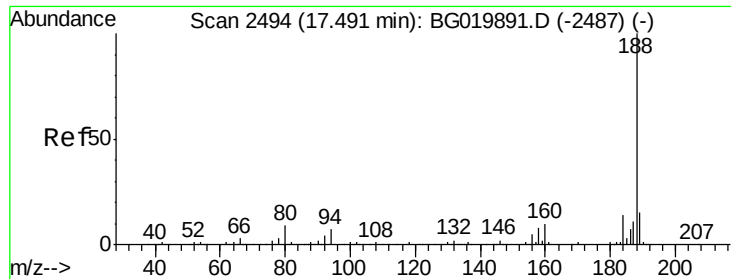
#62
Azobenzene
Concen: 43.02 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion: 77 Resp: 293958
Ion Ratio Lower Upper
77 100
182 25.5 7.0 47.0
105 18.9 1.4 41.4
51 30.3 4.9 44.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

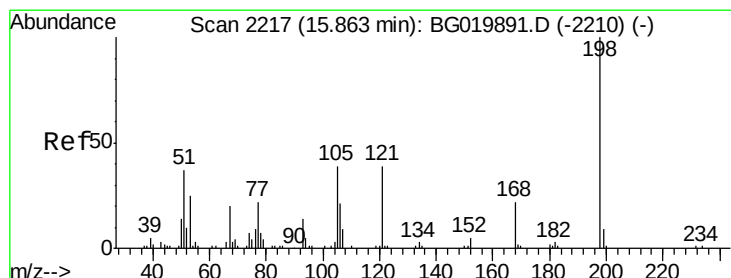
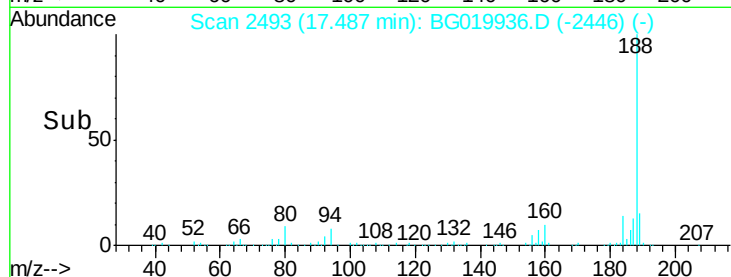
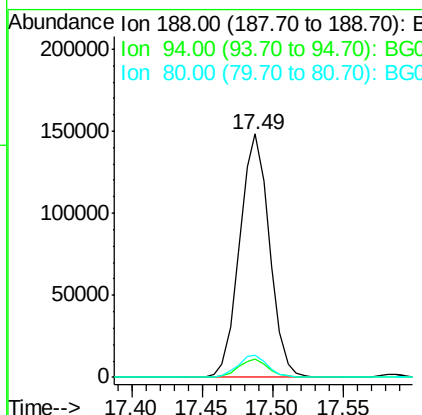
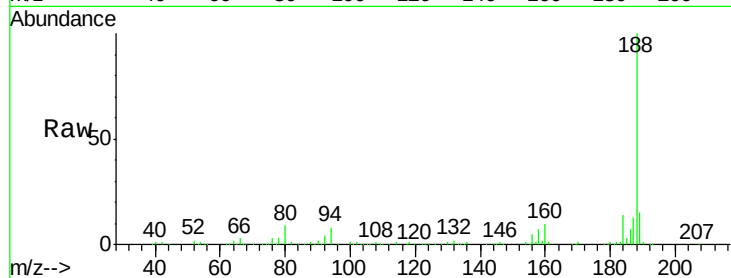




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

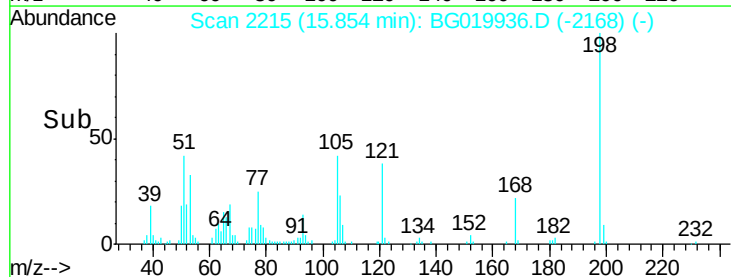
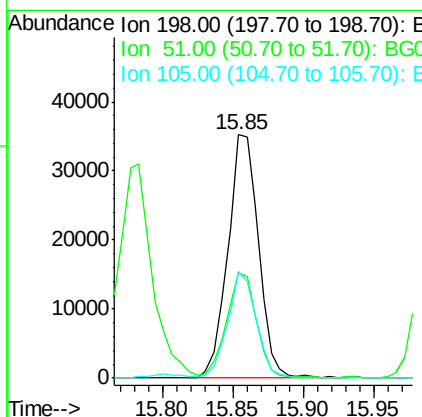
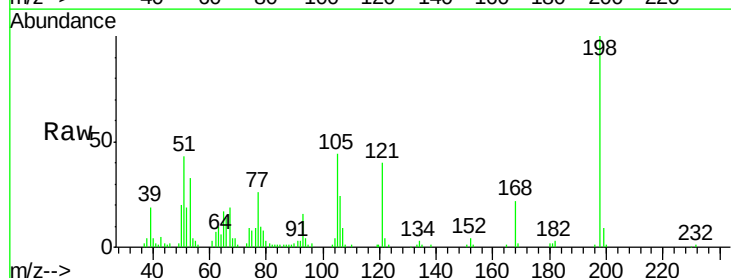
Instrument :
BNA_G
ClientSampleId :
PB87014BS

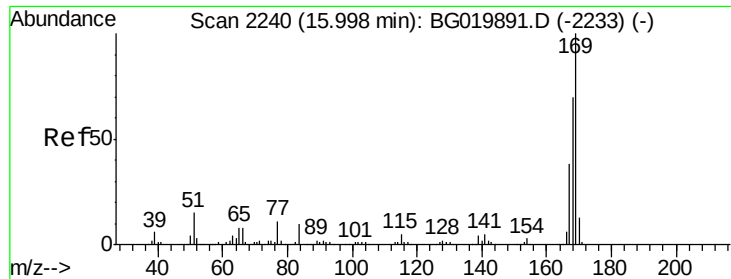
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.9	7.8	11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 43.97 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.2	14.2	54.2
105	43.9	21.1	61.1

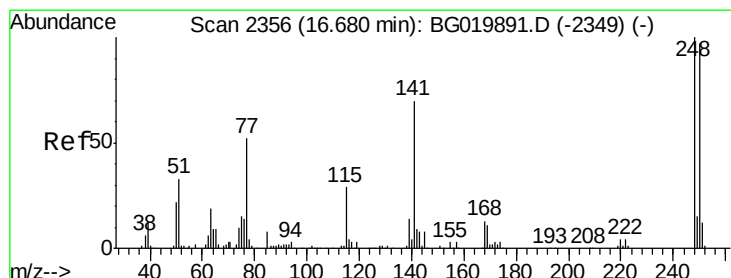
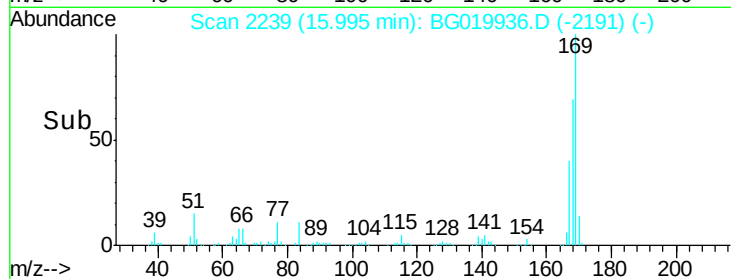
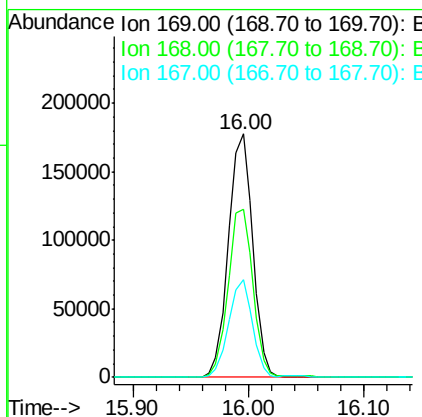
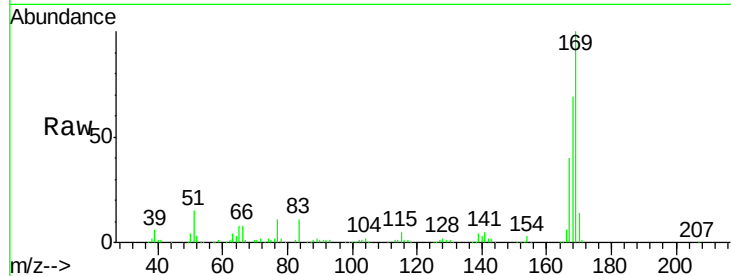




#65
 n-Nitrosodiphenylamine
 Concen: 40.89 ng
 RT: 16.00 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

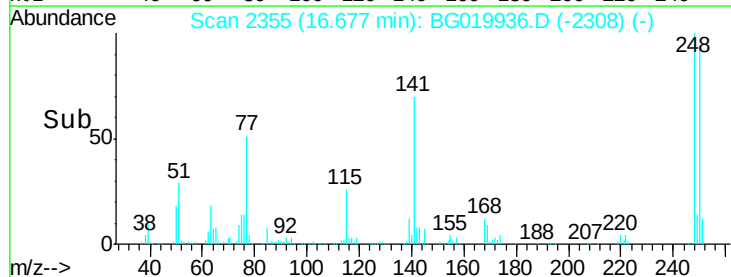
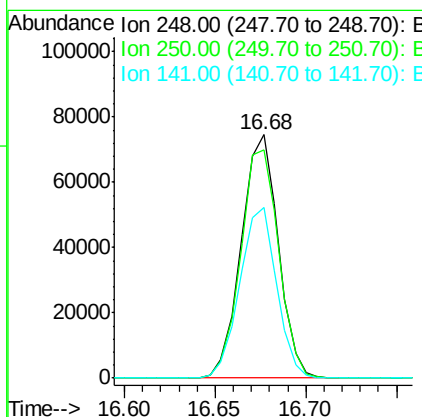
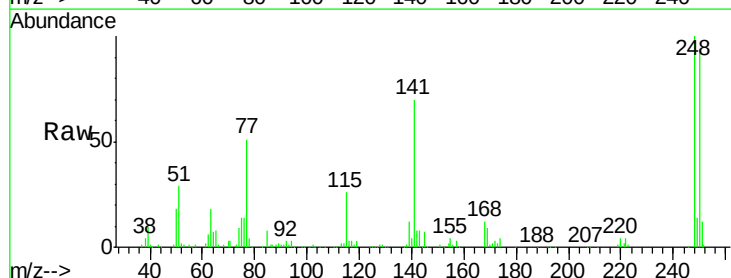
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

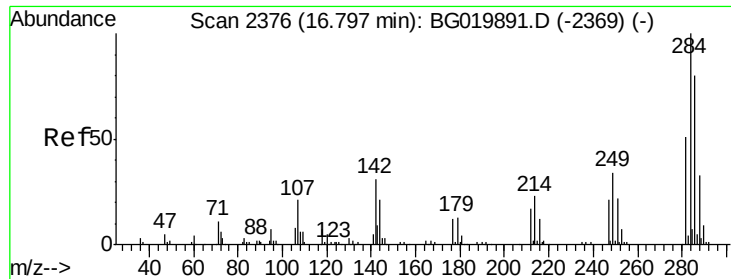
Tot Ion:169 Resp: 258267
 Ion Ratio Lower Upper
 169 100
 168 69.3 58.2 87.2
 167 40.2 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 38.95 ng
 RT: 16.68 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:248 Resp: 105645
 Ion Ratio Lower Upper
 248 100
 250 93.8 77.8 116.8
 141 69.8 50.4 75.6





#67

Hexachlorobenzene

Concen: 39.52 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

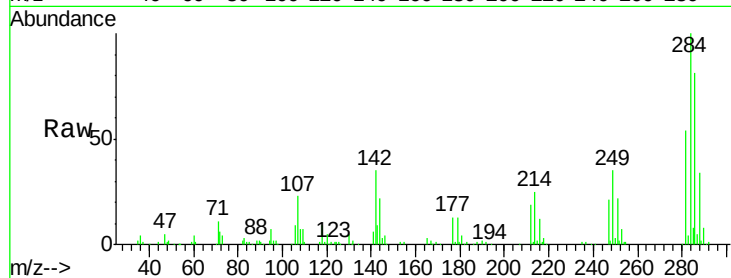
Tot Ion:284 Resp: 111644

Ion Ratio Lower Upper

284 100

142 34.6 26.6 39.8

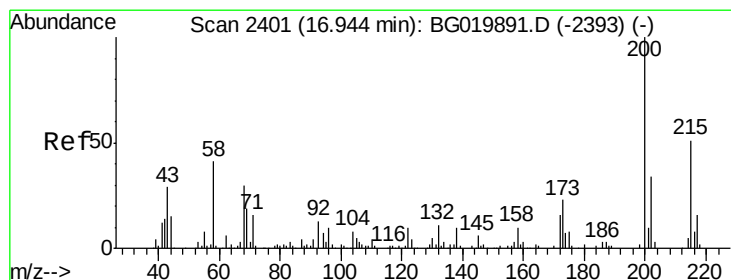
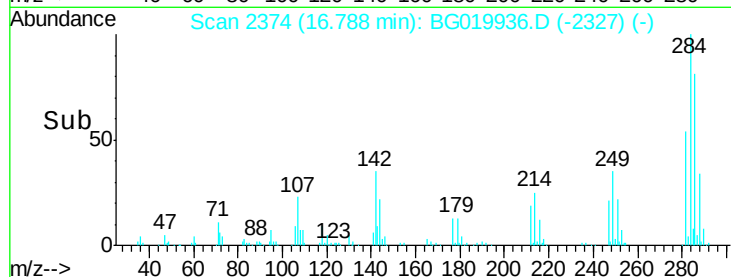
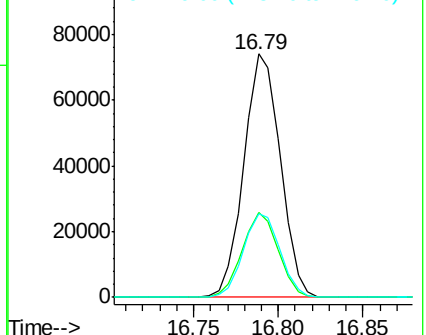
249 37.3 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.85 ng

RT: 16.94 min Scan# 2399

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

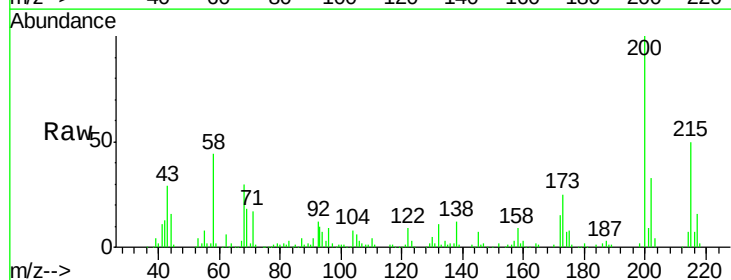
Tgt Ion:200 Resp: 98377

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

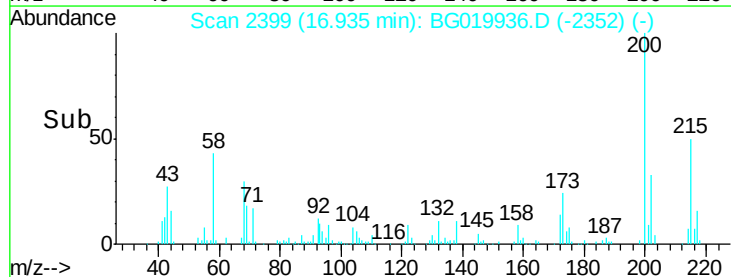
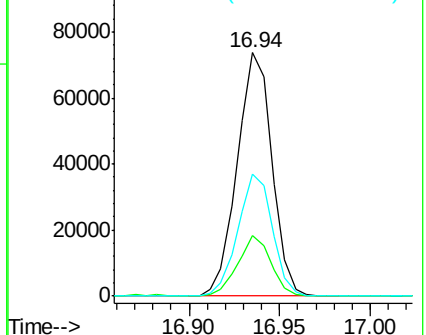
215 50.2 27.0 67.0

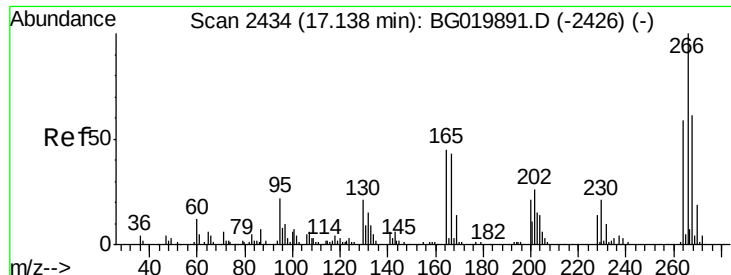


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

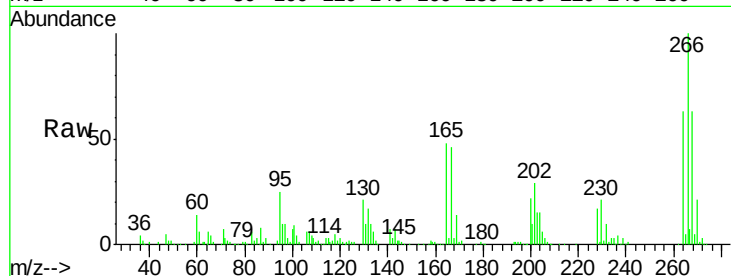




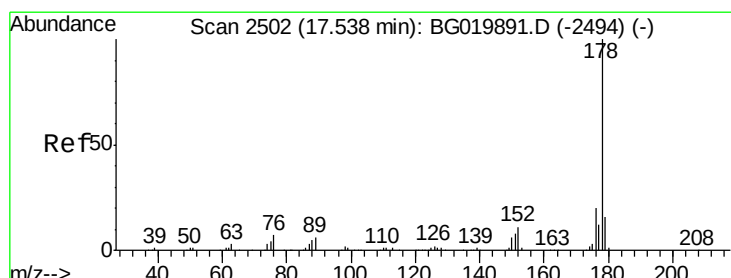
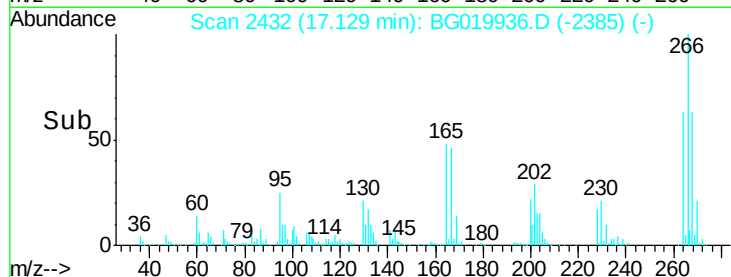
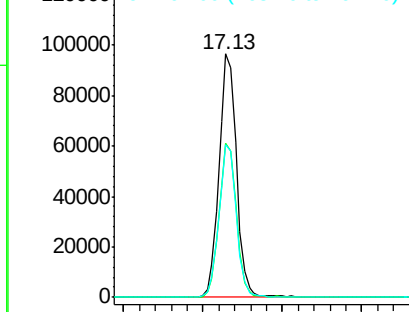
#69
 Pentachlorophenol
 Concen: 89.59 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion:266 Resp: 147739
 Ion Ratio Lower Upper
 266 100
 268 63.4 47.6 71.4
 264 62.5 48.1 72.1

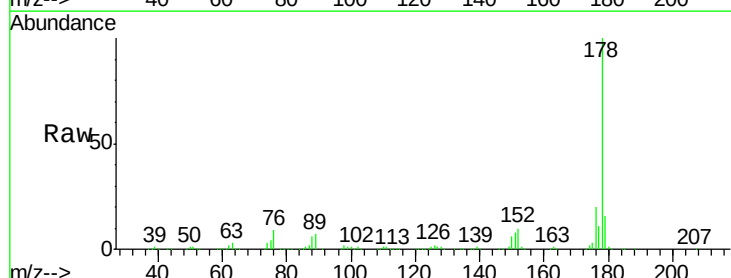


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

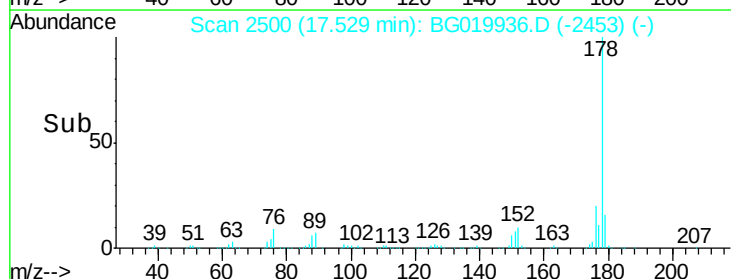
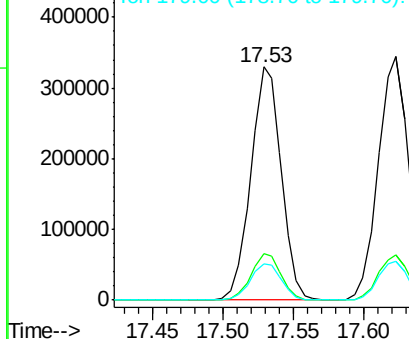


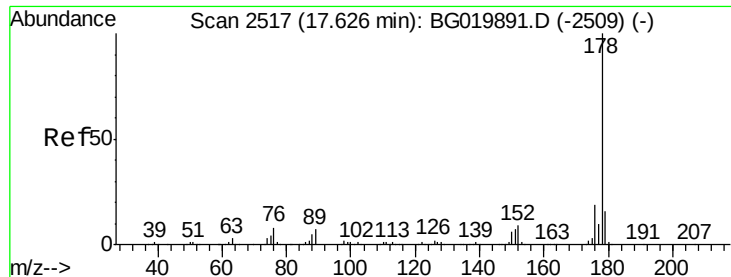
#70
 Phenanthrene
 Concen: 40.31 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:178 Resp: 497804
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.7 25.1
 179 15.6 13.9 20.9



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

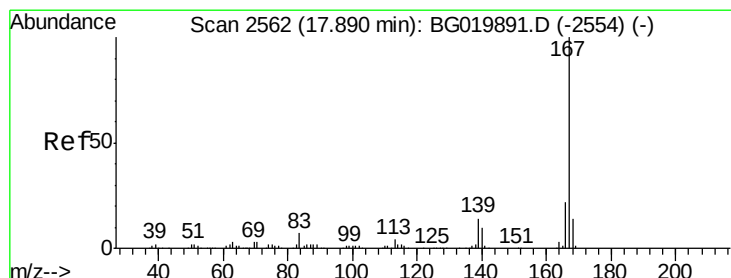
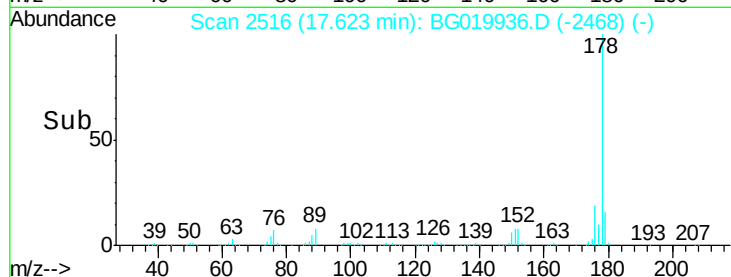
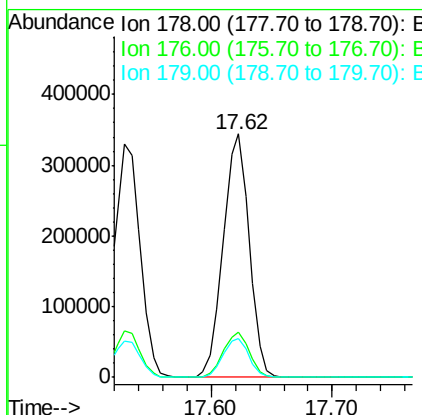
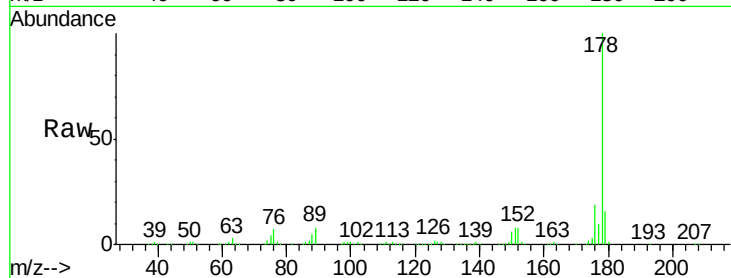




#71
 Anthracene
 Concen: 40.77 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

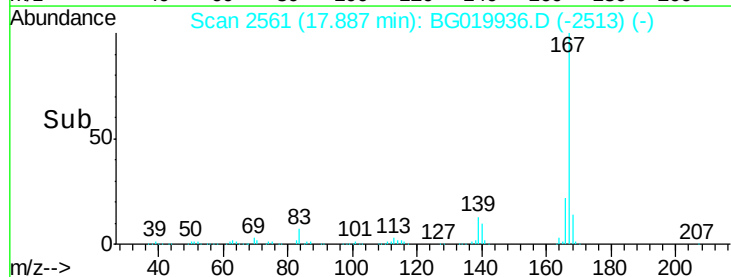
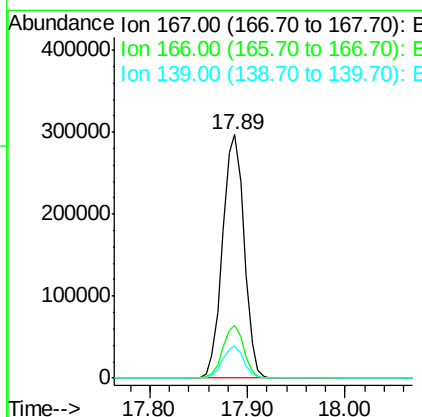
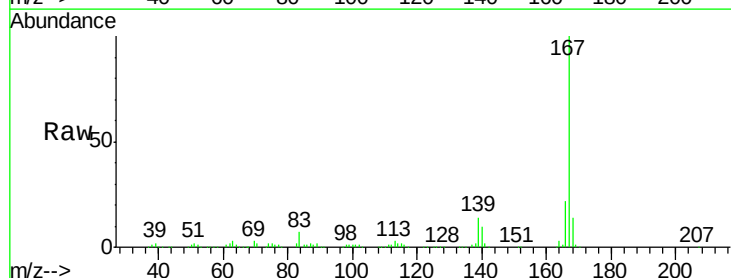
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

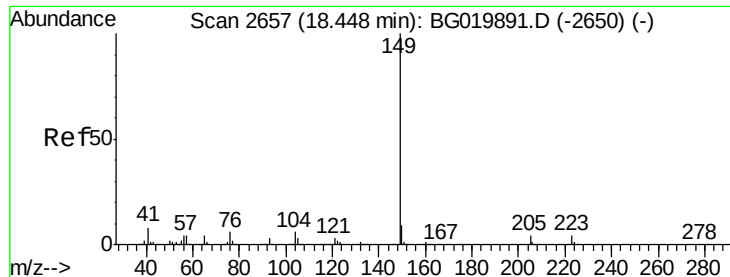
Tot Ion:178 Resp: 512795
 Ion Ratio Lower Upper
 178 100
 176 18.5 16.8 25.2
 179 16.2 13.9 20.9



#72
 Carbazole
 Concen: 41.17 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:167 Resp: 456252
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.0 28.6
 139 13.5 10.2 15.4

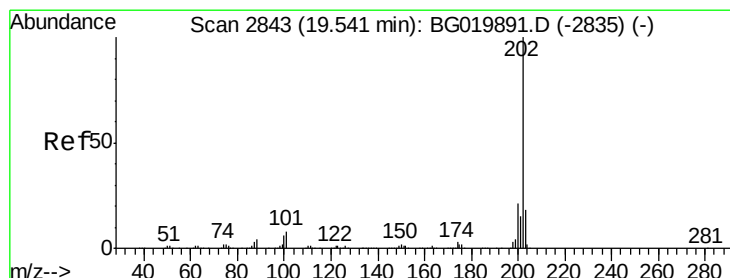
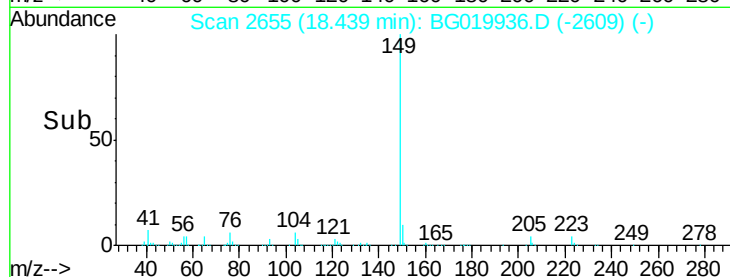
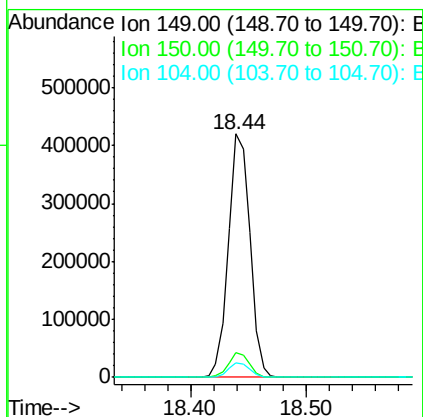
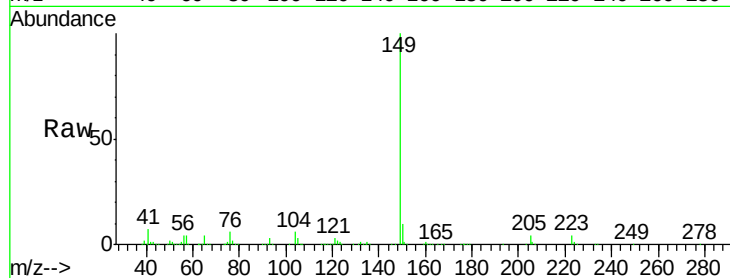




#73
Di-n-butylphthalate
Concen: 40.06 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

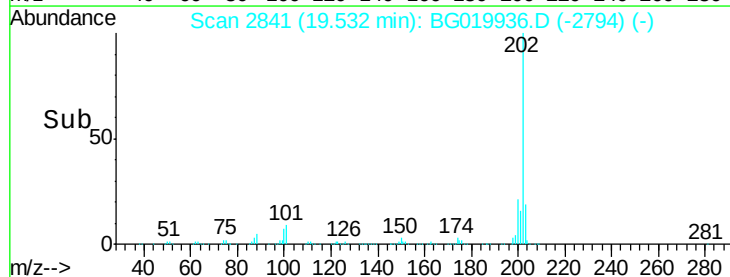
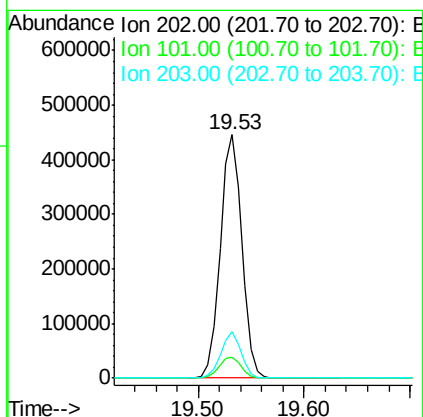
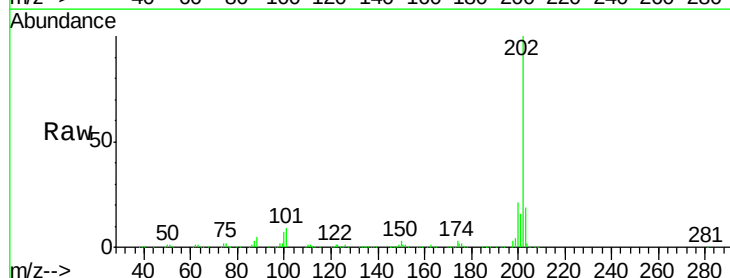
Instrument :
BNA_G
ClientSampled :
PB87014BS

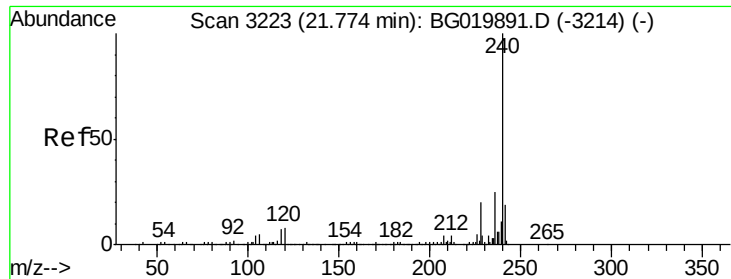
Tot Ion:149 Resp: 544114
Ion Ratio Lower Upper
149 100
150 9.9 8.2 12.4
104 5.9 4.4 6.6



#74
Fluoranthene
Concen: 39.92 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:202 Resp: 630579
Ion Ratio Lower Upper
202 100
101 8.5 0.0 32.4
203 18.9 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: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

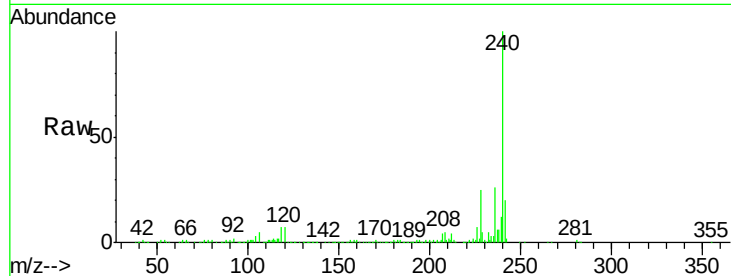
Tot Ion:240 Resp: 266253

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

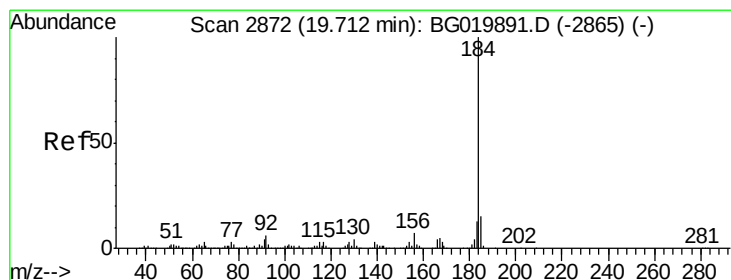
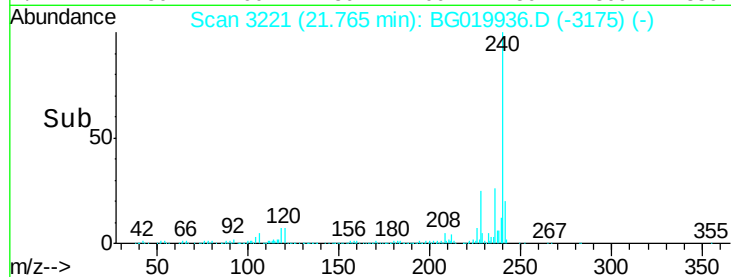
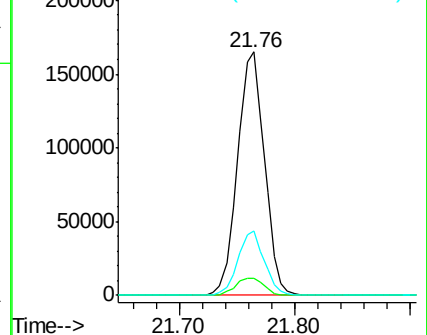
236 26.3 20.7 31.1



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: 31.73 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

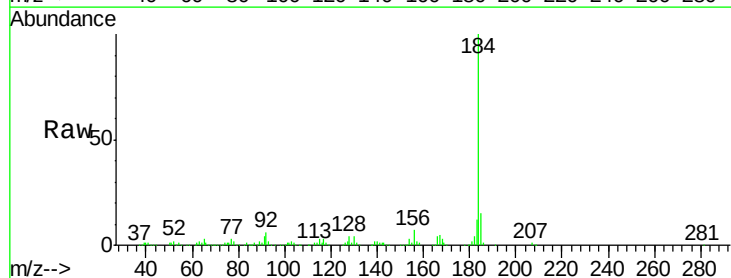
Tgt Ion:184 Resp: 277500

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

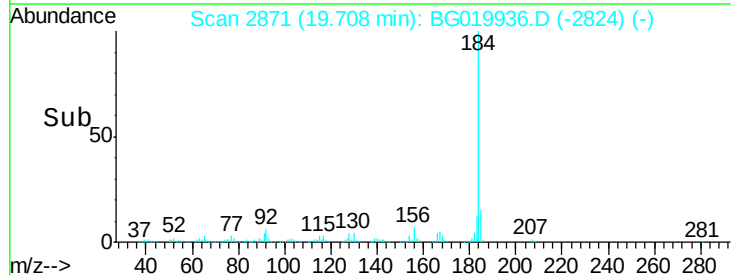
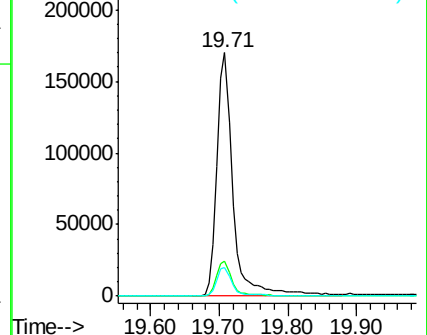
183 11.8 10.1 15.1

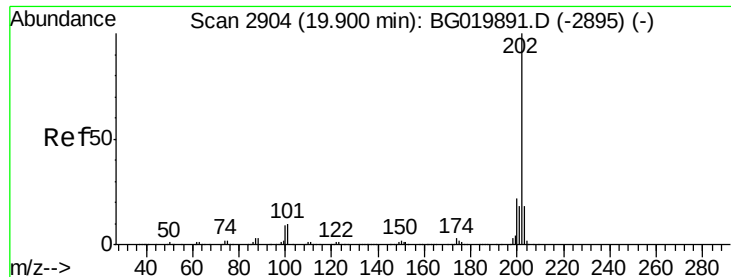


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.60 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

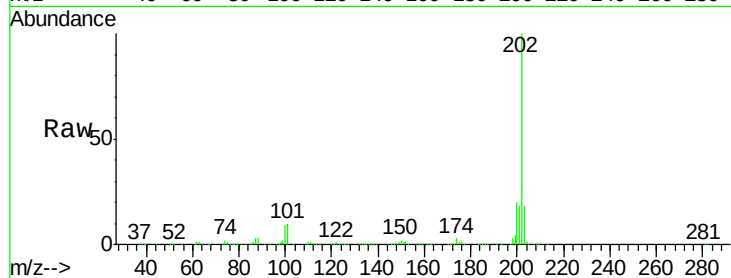
Tot Ion:202 Resp: 651651

Ion Ratio Lower Upper

202 100

200 20.4 19.4 29.0

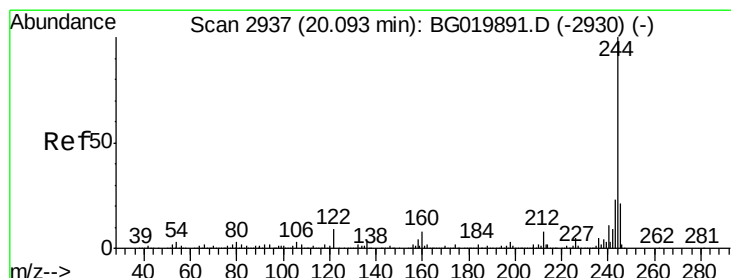
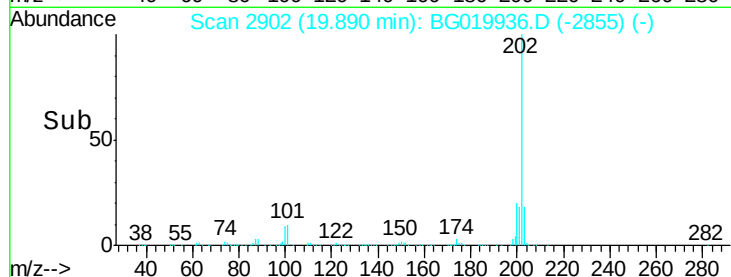
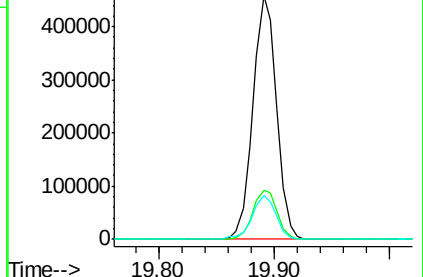
203 18.0 15.5 23.3



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: 79.40 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

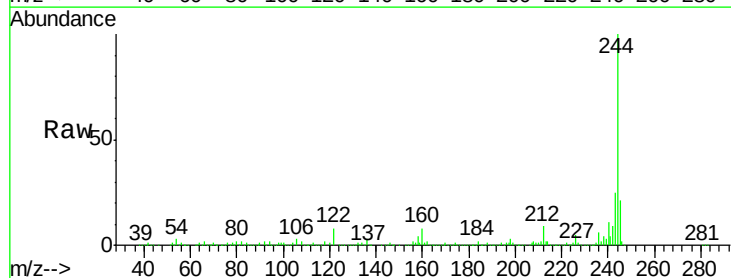
Tgt Ion:244 Resp: 866763

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

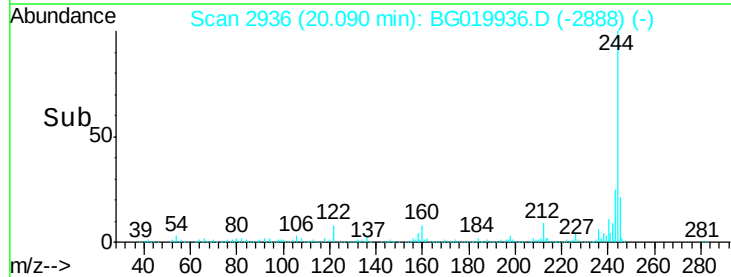
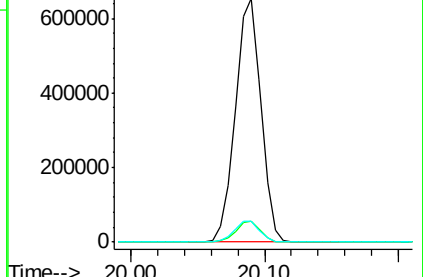
122 8.3 10.2 15.2#

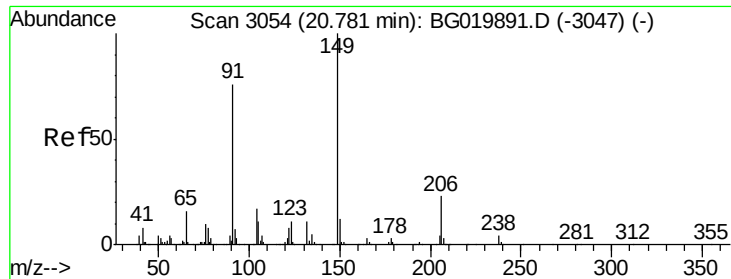


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

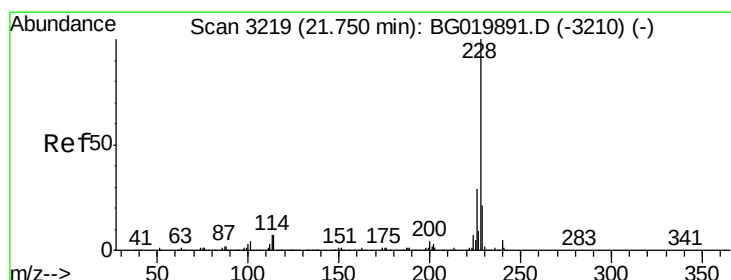
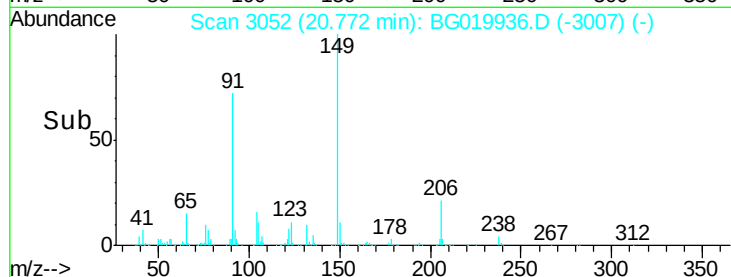
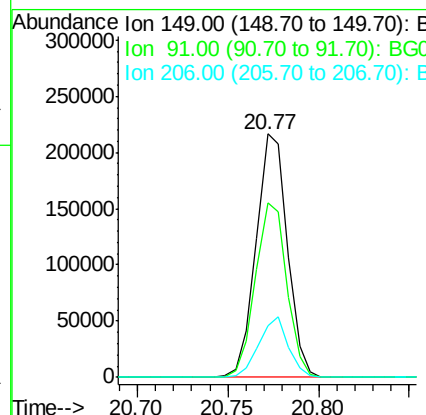
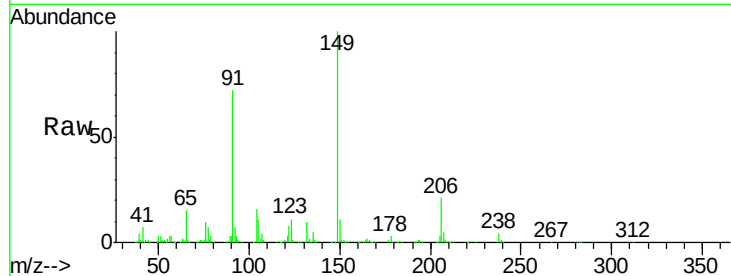




#79
Butylbenzylphthalate
Concen: 42.34 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

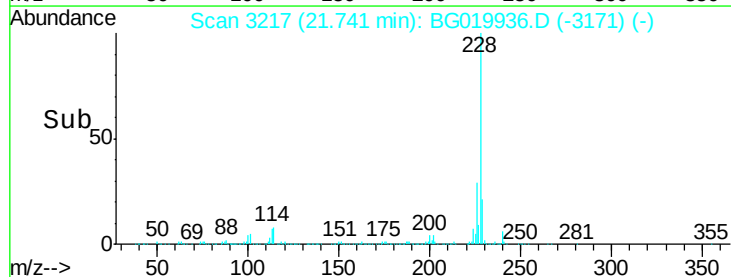
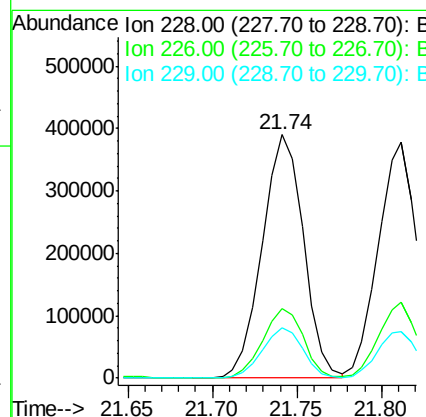
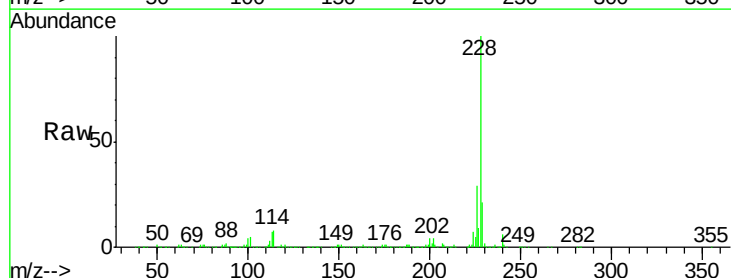
Instrument :
BNA_G
ClientSampleId :
PB87014BS

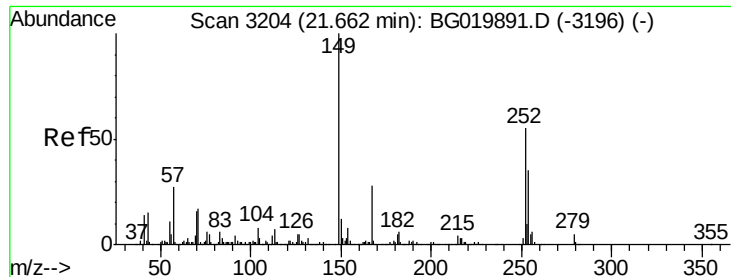
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	58.1	87.1
206	21.1	17.8	26.8



#80
Benzo(a)anthracene
Concen: 40.65 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.7	16.6	25.0

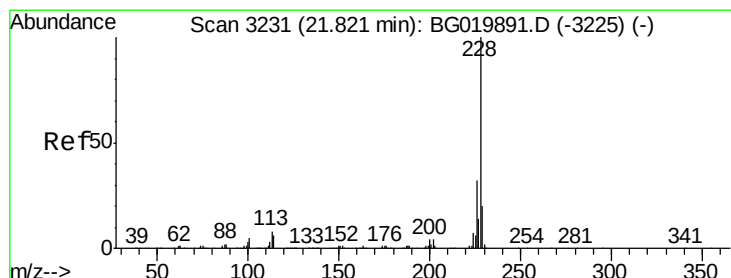
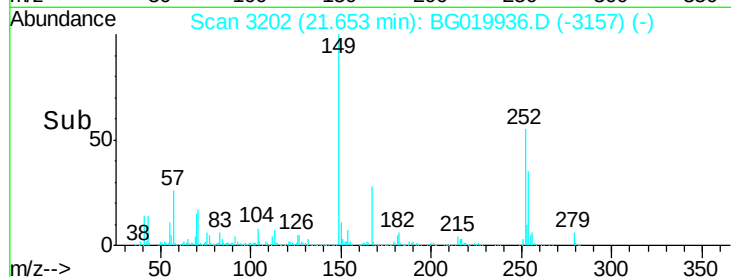
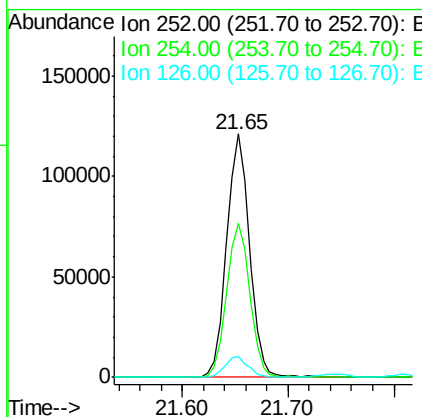
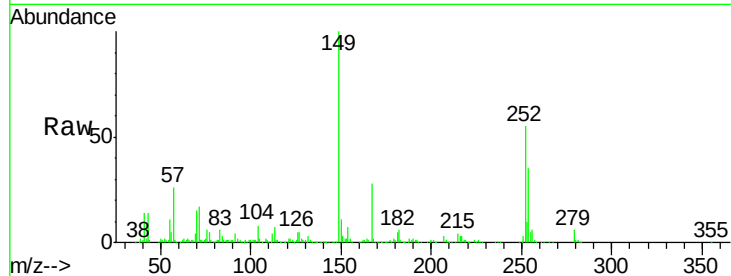




#81
 3,3'-Dichlorobenzidine
 Concen: 29.17 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

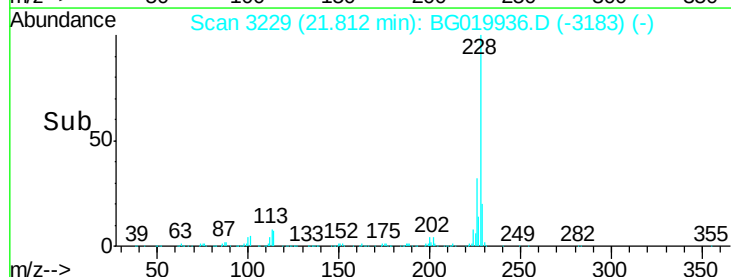
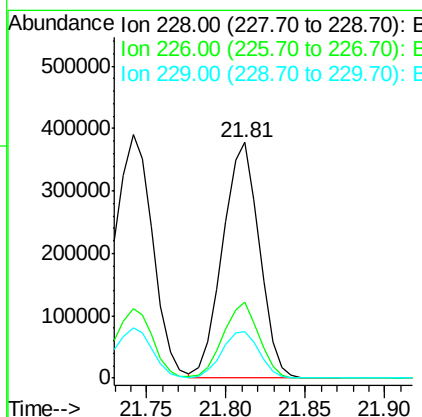
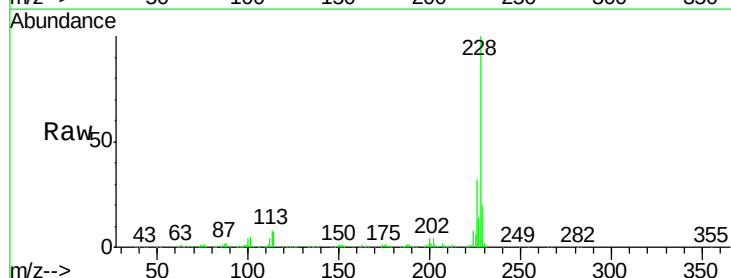
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

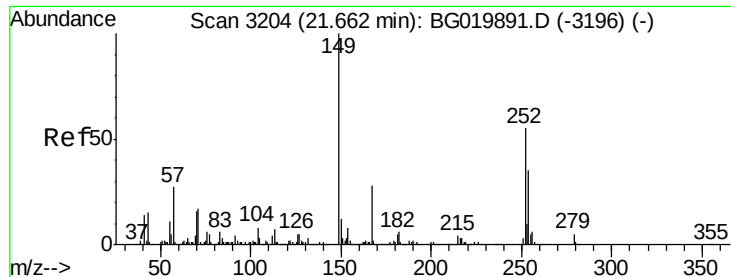
Tot Ion:252 Resp: 181043
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.5 78.7
 126 8.4 8.5 12.7#



#82
 Chrysene
 Concen: 39.07 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:228 Resp: 604586
 Ion Ratio Lower Upper
 228 100
 226 32.1 26.7 40.1
 229 20.0 17.0 25.6

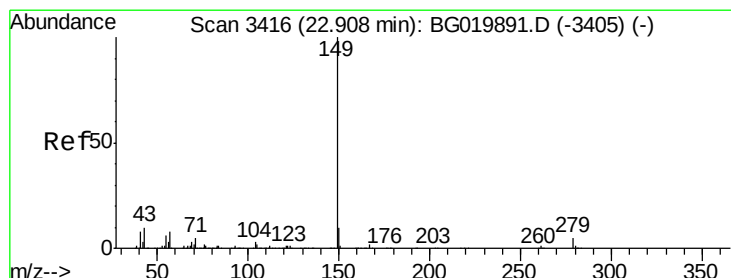
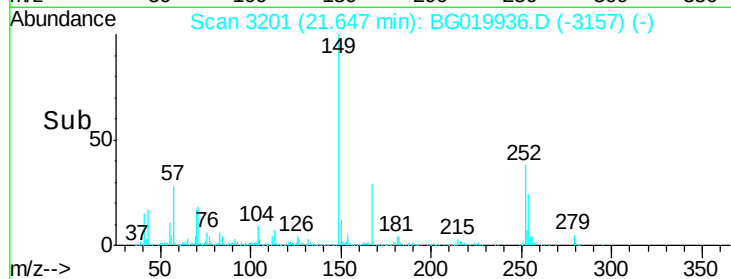
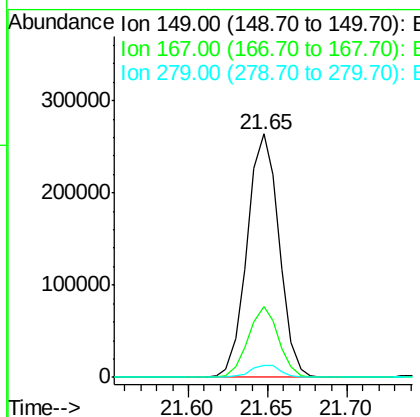
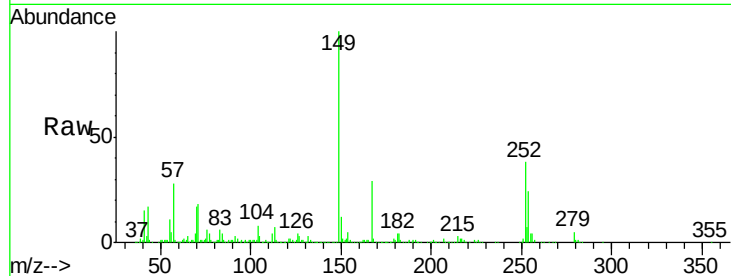




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.96 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

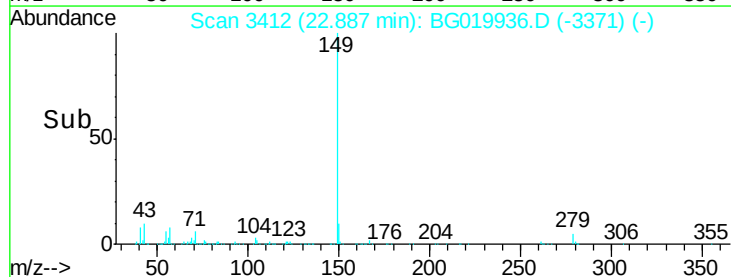
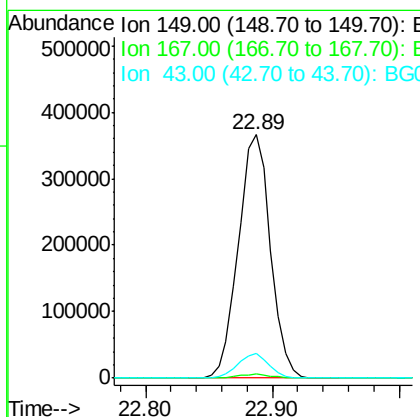
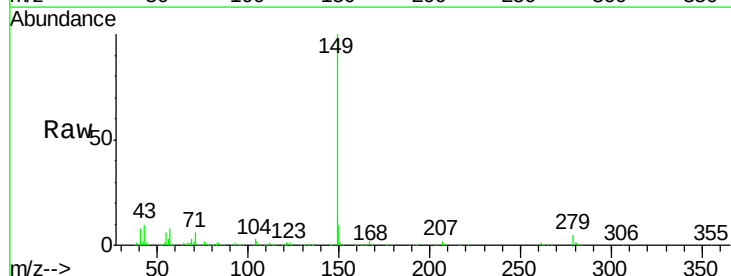
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

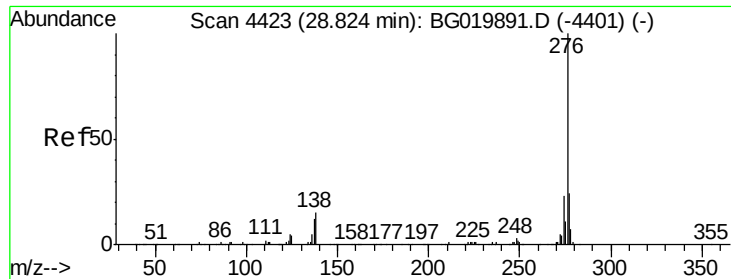
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.8	35.8
279	4.7	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 43.61 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	5.9	8.9#

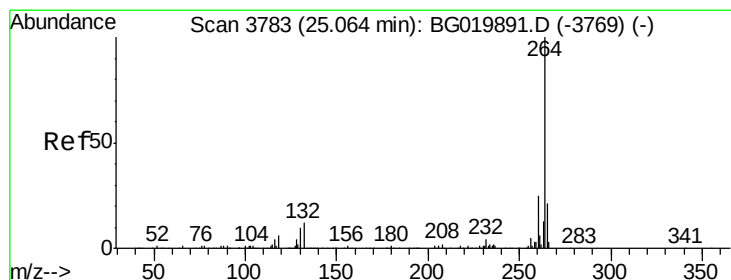
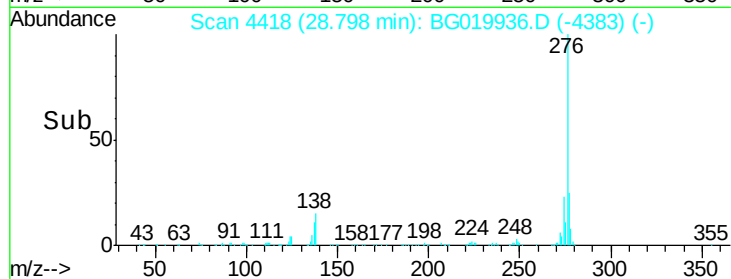
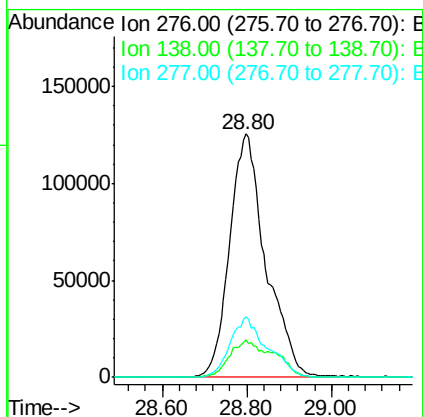
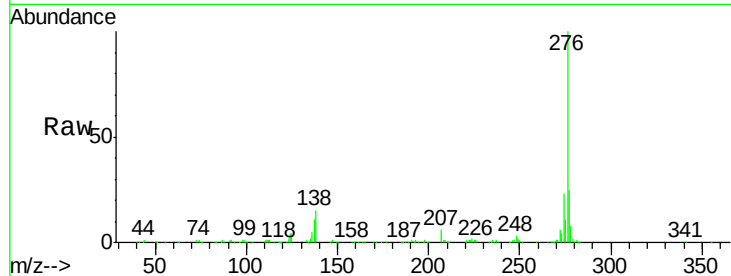




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.57 ng
 RT: 28.80 min Scan# 4418
 Delta R.T. -0.09 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

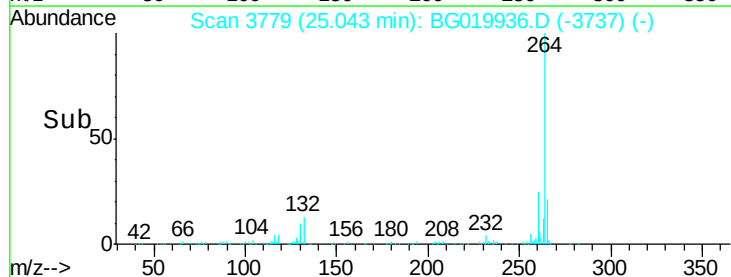
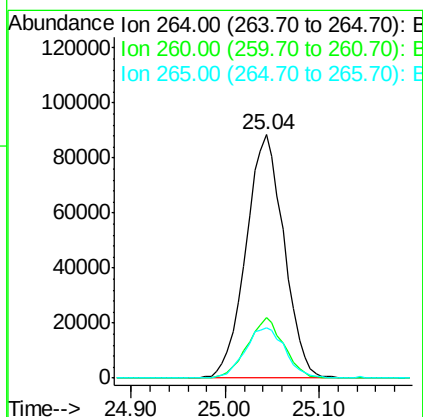
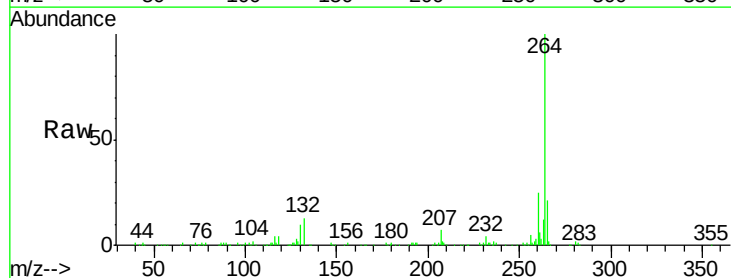
Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

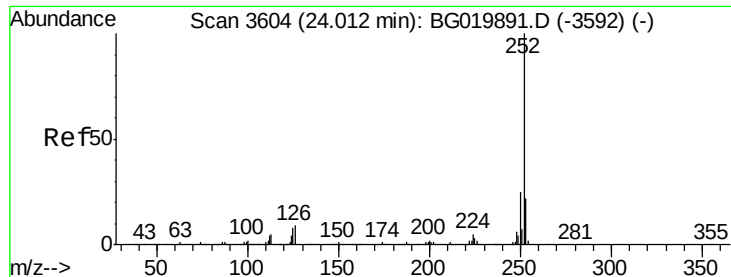
Tot Ion:276 Resp: 742756
 Ion Ratio Lower Upper
 276 100
 138 18.6 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:264 Resp: 246885
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.5 27.7
 265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.18 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

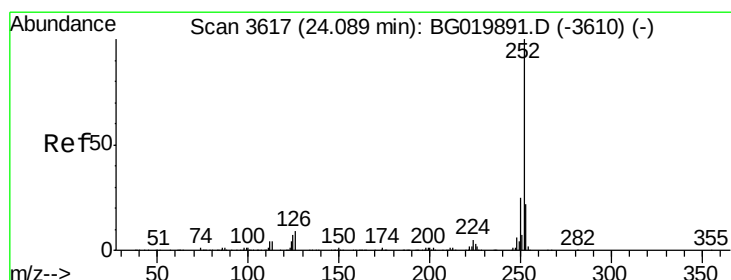
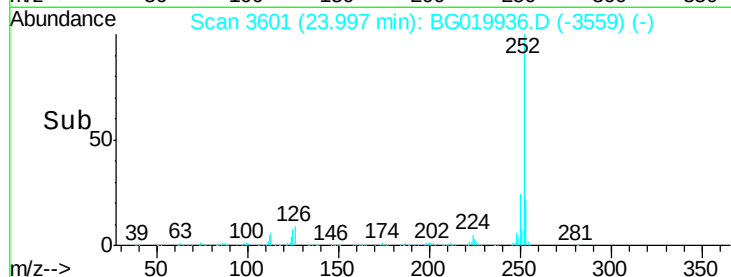
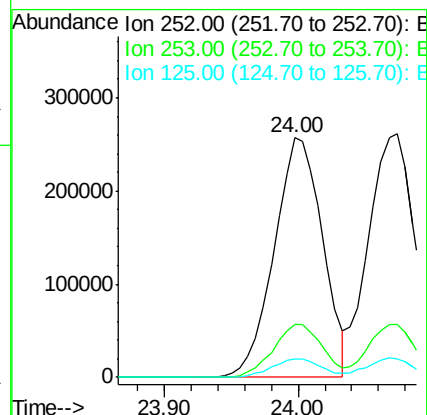
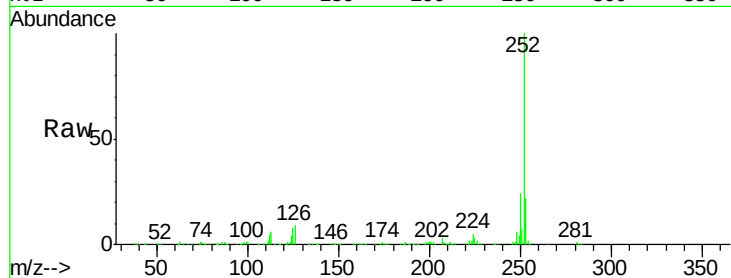
Tot Ion:252 Resp: 644393

Ion Ratio Lower Upper

252 100

253 21.9 19.1 28.7

125 7.9 8.9 13.3#



#88

Benzo(k)fluoranthene

Concen: 40.63 ng

RT: 24.07 min Scan# 3614

Delta R.T. -0.05 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

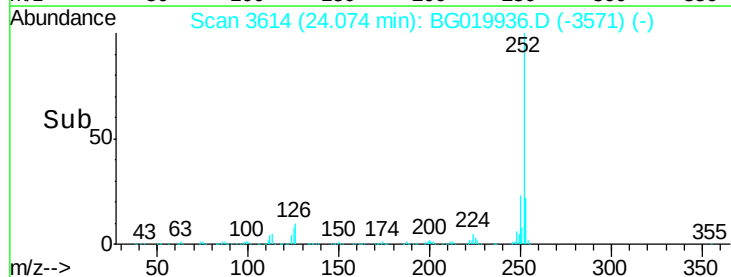
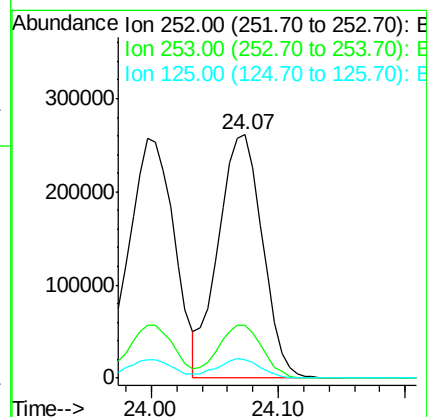
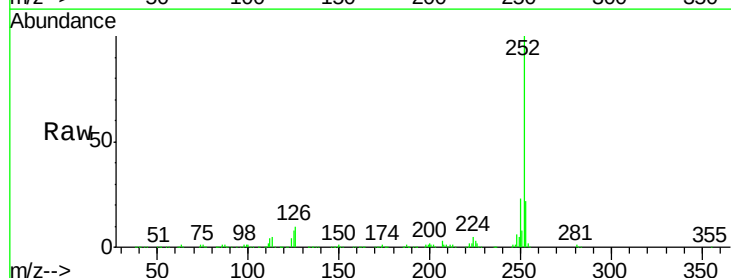
Tgt Ion:252 Resp: 629682

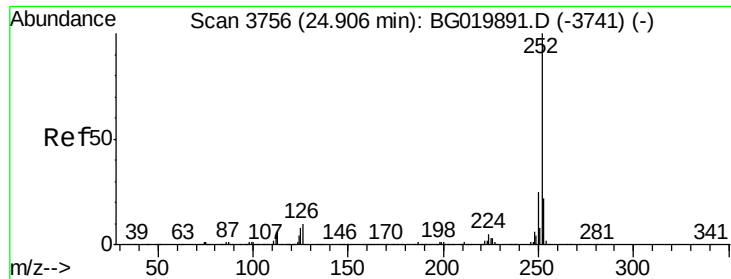
Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.4

125 7.7 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 42.22 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

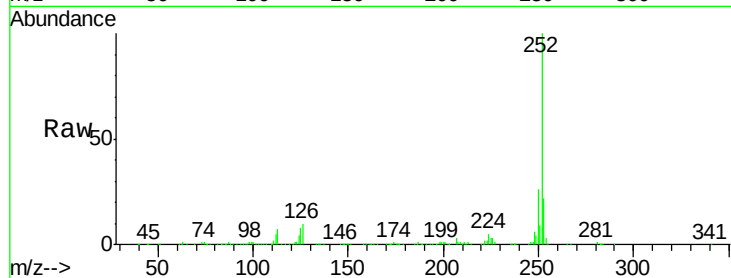
Tot Ion:252 Resp: 627163

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

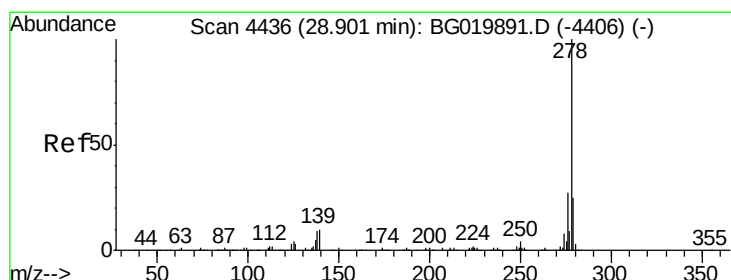
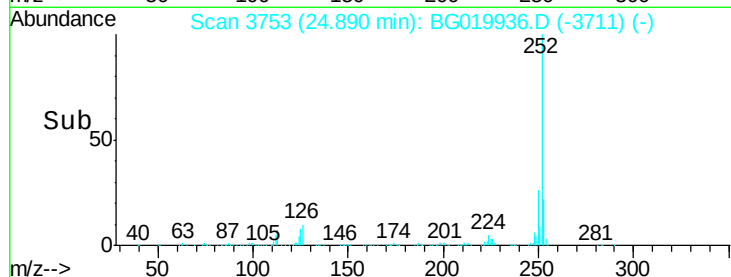
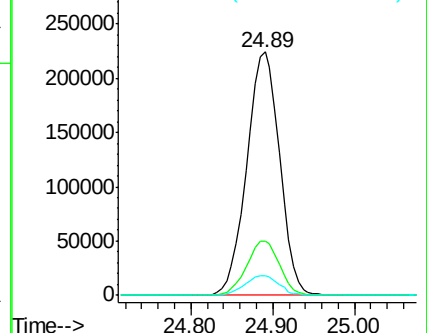
125 8.2 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.91 ng

RT: 28.87 min Scan# 4430

Delta R.T. -0.09 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

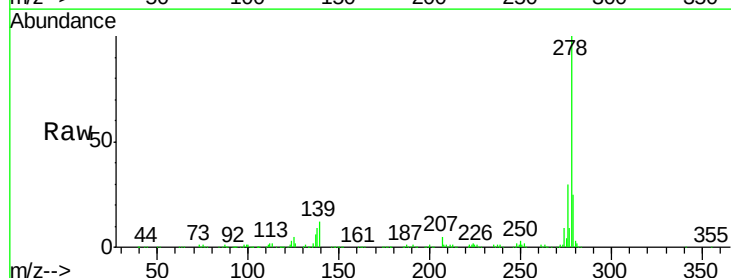
Tgt Ion:278 Resp: 615048

Ion Ratio Lower Upper

278 100

139 12.2 13.8 20.6#

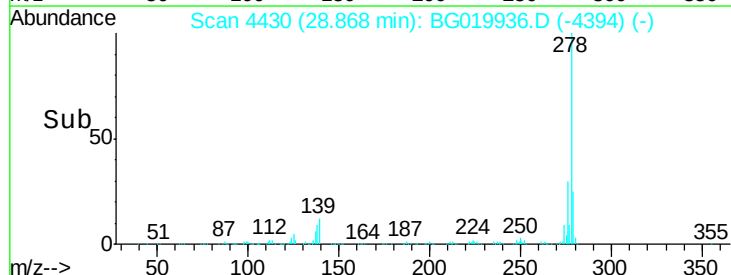
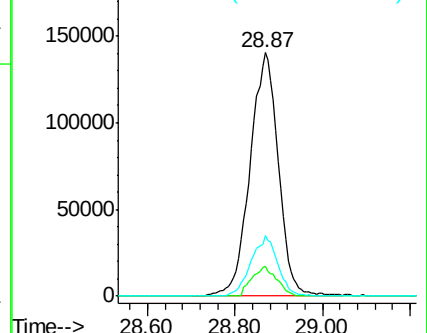
279 25.0 19.4 29.0

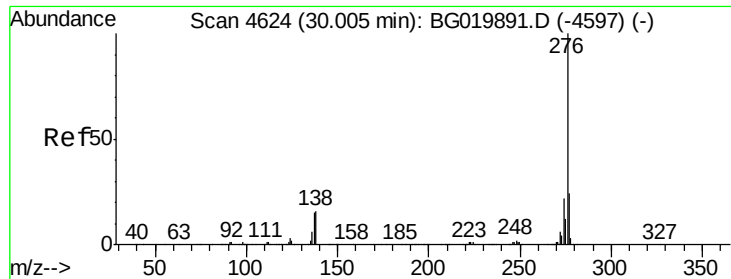


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.74 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	16.0	17.4	26.0

