

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019946.D
 Acq On : 5 Dec 2015 17:39
 Operator : UM/NP
 Sample : PB87054BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Quant Time: Dec 07 01:13:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51667	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	223019	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	159312	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	410857	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	508985	20.00	ng	-0.03
86) Perylene-d12	25.04	264	483885	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	235589	82.41	ng	-0.01
7) Phenol-d6	7.26	99	342632	79.38	ng	-0.01
23) Nitrobenzene-d5	9.28	82	218567	50.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	175250	71.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	527766	45.23	ng	-0.02
78) Terphenyl-d14	20.09	244	956238	45.82	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24263	21.79	ng	# 100
3) Pyridine	3.92	79	78110	23.09	ng	# 85
4) n-Nitrosodimethylamine	3.84	42	38597	21.70	ng	95
6) Aniline	7.43	93	80418	14.39	ng	# 82
8) 2-Chlorophenol	7.67	128	90754	26.03	ng	95
9) Benzaldehyde	7.24	77	30089	10.45	ng	88
10) Phenol	7.29	94	123282	27.14	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	82987	24.67	ng	91
12) 1,3-Dichlorobenzene	8.00	146	91609	23.19	ng	# 91
13) 1,4-Dichlorobenzene	8.00	146	91609	22.45	ng	93
14) 1,2-Dichlorobenzene	8.47	146	91045	23.39	ng	95
15) Benzyl Alcohol	8.35	79	95889	25.32	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	127271	23.20	ng	92
17) 2-Methylphenol	8.55	107	84111	26.23	ng	# 92
18) Hexachloroethane	9.21	117	34617	22.66	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	76236	22.40	ng	90
20) 3+4-Methylphenols	8.88	107	119369	26.43	ng	94
22) Acetophenone	8.94	105	137850	22.55	ng	# 92
24) Nitrobenzene	9.32	77	117389	24.76	ng	91
25) Isophorone	9.85	82	209169	22.33	ng	# 96
26) 2-Nitrophenol	10.04	139	50358	27.51	ng	# 73
27) 2,4-Dimethylphenol	10.09	122	97203	25.50	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	119632	26.13	ng	98
29) 2,4-Dichlorophenol	10.57	162	105551	27.10	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	100027	22.72	ng	99
31) Naphthalene	10.99	128	281943	23.60	ng	99
32) Benzoic acid	10.21	122	71056	30.20	ng	88
33) 4-Chloroaniline	11.09	127	44359	8.43	ng	# 91
34) Hexachlorobutadiene	11.27	225	68957	21.24	ng	96
35) Caprolactam	11.86	113	23727	16.37	ng	# 71
36) 4-Chloro-3-methylphenol	12.19	107	120839	24.91	ng	93
37) 2-Methylnaphthalene	12.58	142	216139	24.69	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	133031	22.00	ng	98
40) Hexachlorocyclopentadiene	12.93	237	154786	44.90	ng	94

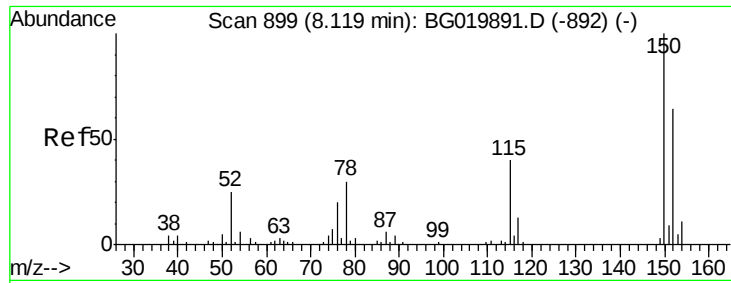
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019946.D
 Acq On : 5 Dec 2015 17:39
 Operator : UM/NP
 Sample : PB87054BS
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 BNA_G
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Quant Time: Dec 07 01:13:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 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	95237	23.79	ng	97
43) 2,4,5-Trichlorophenol	13.25	196	108247	25.59	ng	94
45) 1,1'-Biphenyl	13.58	154	286743	21.93	ng	98
46) 2-Chloronaphthalene	13.63	162	233213	23.14	ng	95
47) 2-Nitroaniline	13.83	65	87796	27.58	ng	87
48) Acenaphthylene	14.47	152	392630	22.87	ng	99
49) Dimethylphthalate	14.20	163	324826	22.67	ng	98
50) 2,6-Dinitrotoluene	14.31	165	71259	26.45	ng	# 76
51) Acenaphthene	14.81	154	241287	23.17	ng	98
52) 3-Nitroaniline	14.64	138	47655	17.02	ng	93
53) 2,4-Dinitrophenol	14.85	184	74558	55.24	ng	89
54) Dibenzofuran	15.14	168	391826	25.29	ng	92
55) 4-Nitrophenol	14.94	139	126257	51.79	ng	# 71
56) 2,4-Dinitrotoluene	15.09	165	106190	28.25	ng	# 90
57) Fluorene	15.79	166	321848	23.21	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	106269	27.14	ng	98
59) Diethylphthalate	15.55	149	342545	22.09	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	176265	22.13	ng	98
61) 4-Nitroaniline	15.81	138	80657	25.62	ng	# 80
62) Azobenzene	16.07	77	325494	25.22	ng	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	60322	28.92	ng	95
65) n-Nitrosodiphenylamine	15.99	169	294136	24.74	ng	95
66) 4-Bromophenyl-phenylether	16.67	248	116878	22.89	ng	97
67) Hexachlorobenzene	16.79	284	128545	24.17	ng	99
68) Atrazine	16.93	200	126576	24.50	ng	97
69) Pentachlorophenol	17.13	266	165775	53.41	ng	94
70) Phenanthrene	17.53	178	561462	24.15	ng	98
71) Anthracene	17.62	178	570613	24.10	ng	96
72) Carbazole	17.88	167	507806	24.35	ng	97
73) Di-n-butylphthalate	18.44	149	615409	24.07	ng	99
74) Fluoranthene	19.53	202	710697	23.90	ng	96
76) Benzidine	19.71	184	186187	11.14	ng	98
77) Pyrene	19.89	202	723568	24.16	ng	96
79) Butylbenzylphthalate	20.77	149	287065	24.46	ng	98
80) Benzo(a)anthracene	21.74	228	742856	23.84	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	152614	12.86	ng	99
82) Chrysene	21.81	228	668672	22.60	ng	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	413632	24.01	ng	98
84) Di-n-octyl phthalate	22.88	149	704418	25.15	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.79	276	826483	25.36	ng	# 100
87) Benzo(b)fluoranthene	24.00	252	728826	23.77	ng	# 95
88) Benzo(k)fluoranthene	24.07	252	697954	22.98	ng	# 96
89) Benzo(a)pyrene	24.89	252	695534	23.89	ng	# 96
90) Dibenzo(a,h)anthracene	28.86	278	682431	23.72	ng	# 95
91) Benzo(g,h,i)perylene	29.97	276	674560	23.88	ng	# 92

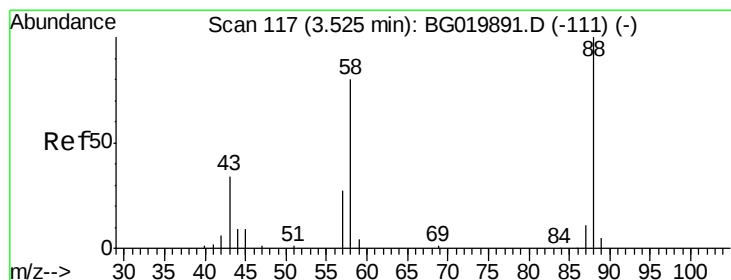
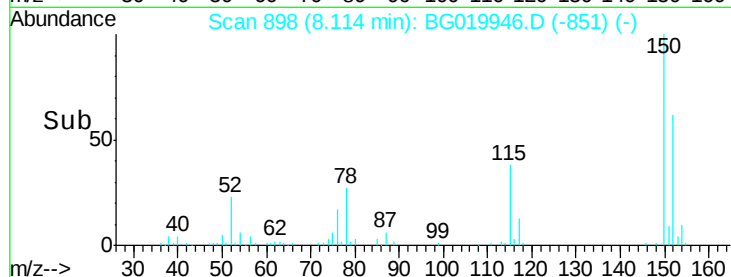
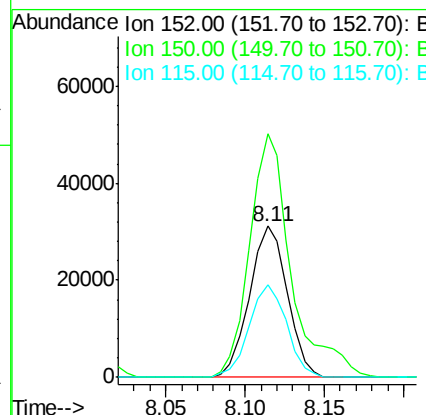
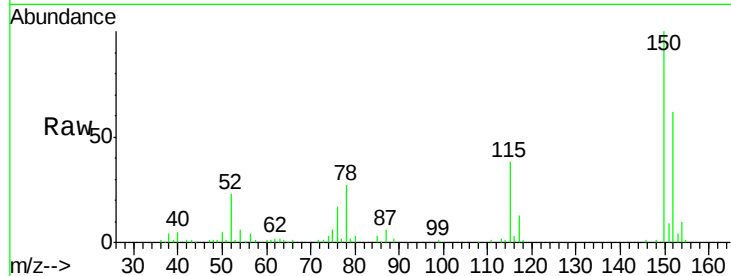
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

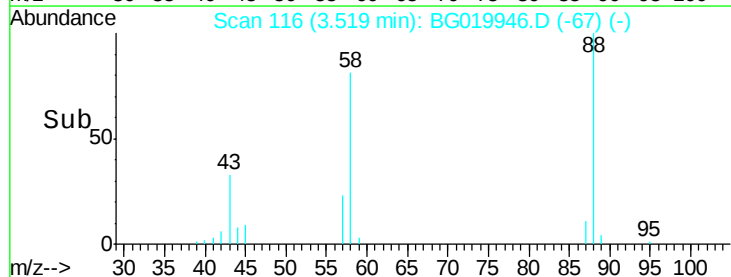
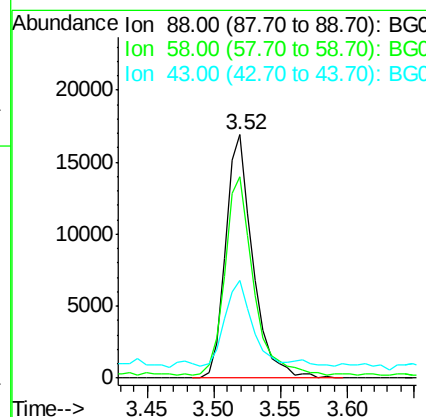
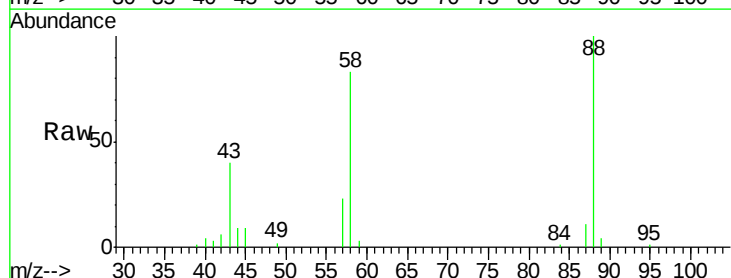
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

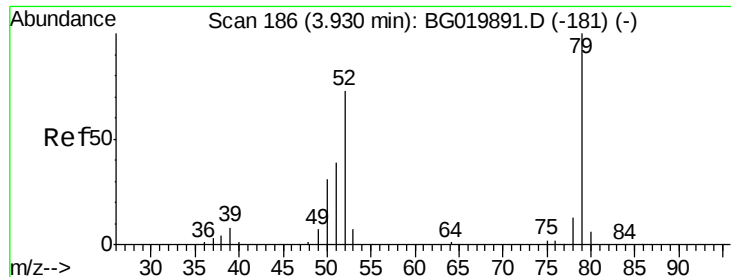
Tgt Ion:152 Resp: 51667
 Ion Ratio Lower Upper
 152 100
 150 161.3 115.0 172.4
 115 61.1 43.9 65.9



#2
 1,4-Dioxane
 Concen: 21.79 ng
 RT: 3.52 min Scan# 116
 Delta R.T. -0.01 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion: 88 Resp: 24263
 Ion Ratio Lower Upper
 88 100
 58 84.3 0.0 0.0#
 43 35.4 0.0 0.0#





#3

Pyridine

Concen: 23.09 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

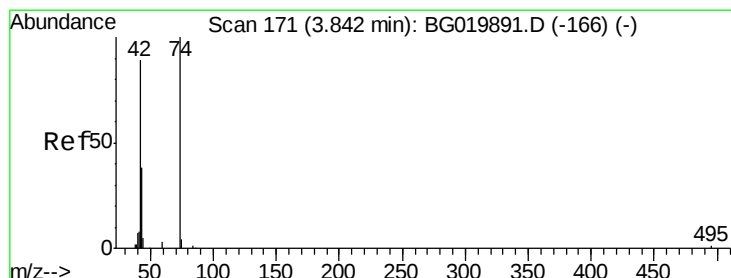
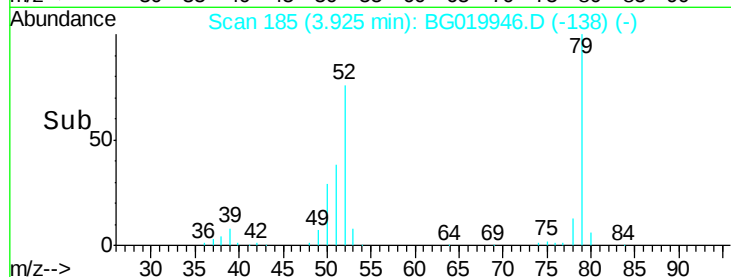
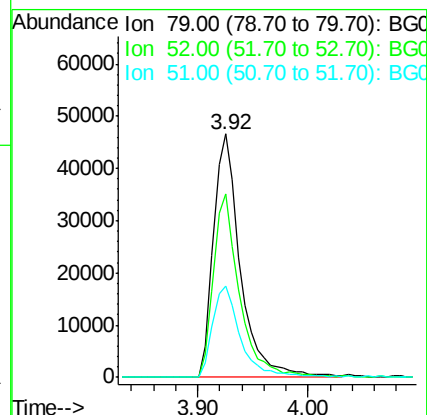
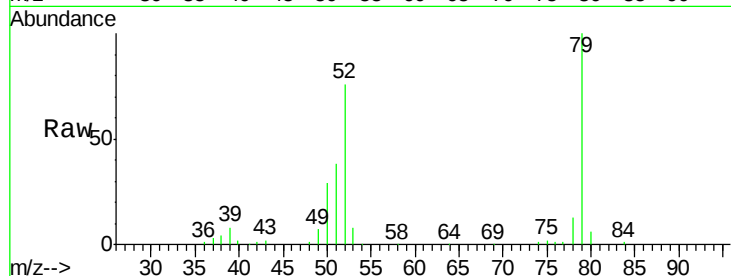
Tgt Ion: 79 Resp: 78110

Ion Ratio Lower Upper

79 100

52 75.6 50.3 75.5#

51 37.8 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 21.70 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

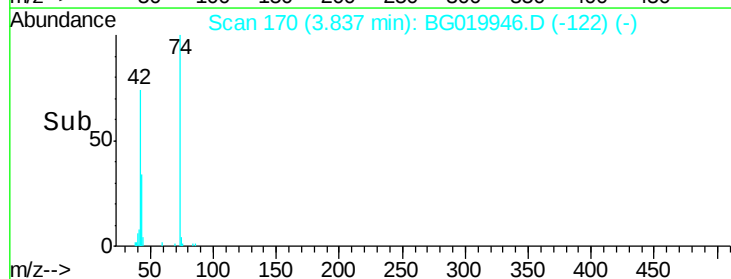
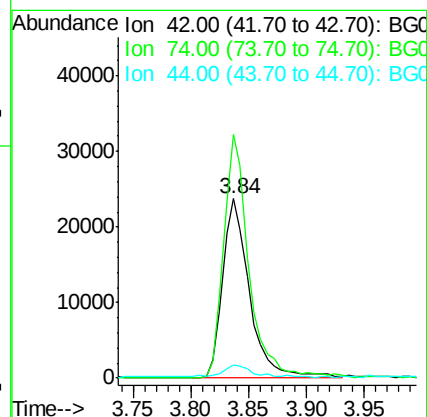
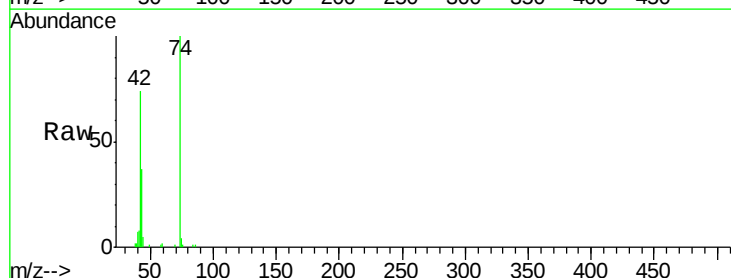
Tgt Ion: 42 Resp: 38597

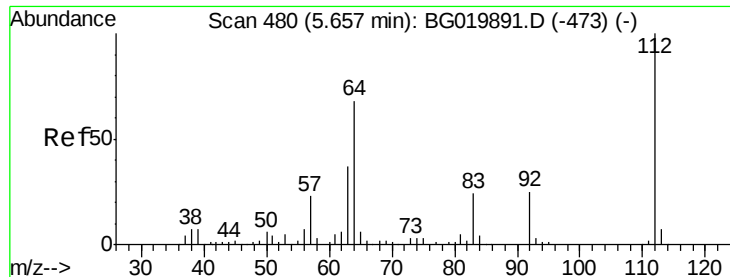
Ion Ratio Lower Upper

42 100

74 135.6 113.9 170.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 82.41 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

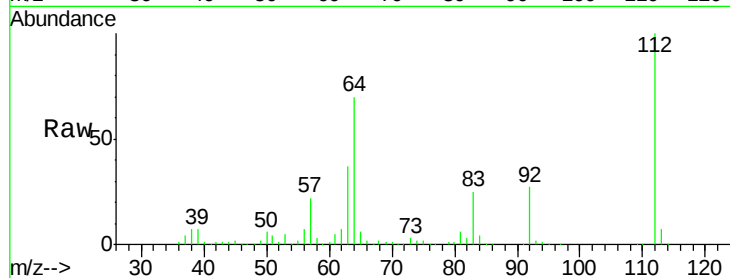
Tgt Ion: 112 Resp: 235589

Ion Ratio Lower Upper

112 100

64 70.0 43.7 65.5#

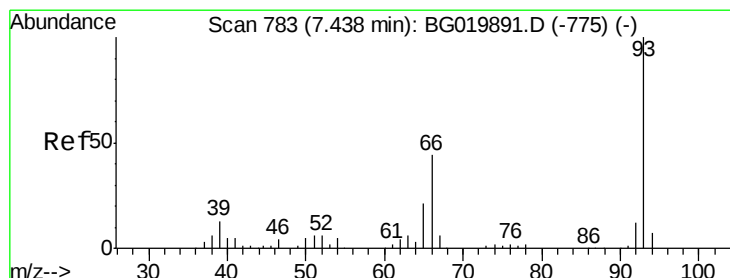
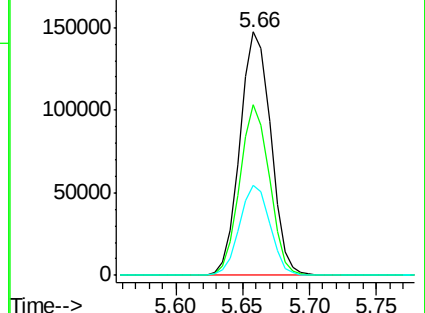
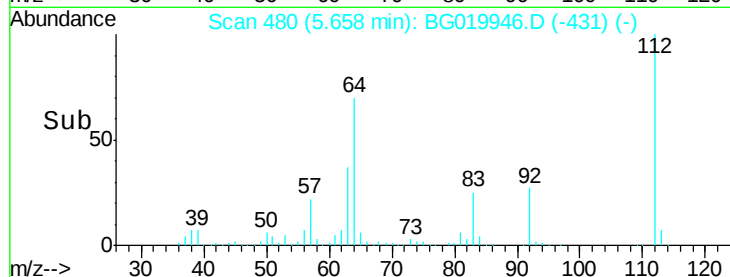
63 36.9 24.0 36.0#



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: 14.39 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

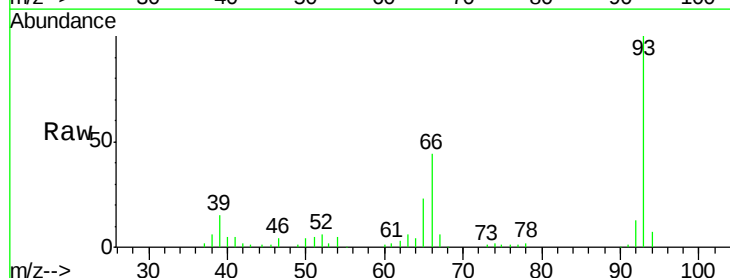
Tgt Ion: 93 Resp: 80418

Ion Ratio Lower Upper

93 100

66 44.1 26.2 39.2#

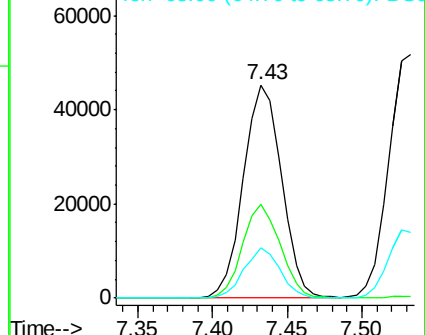
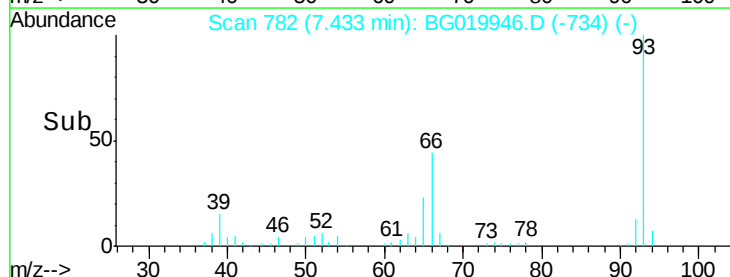
65 23.4 14.0 21.0#

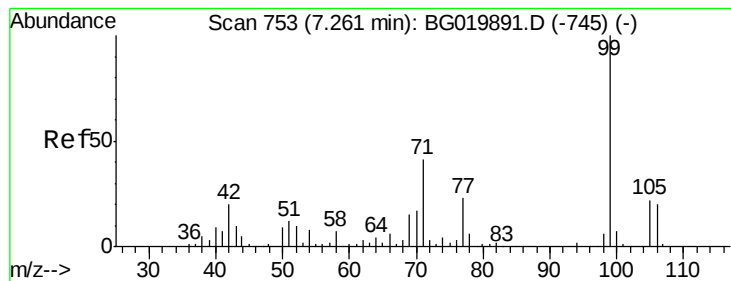


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.38 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

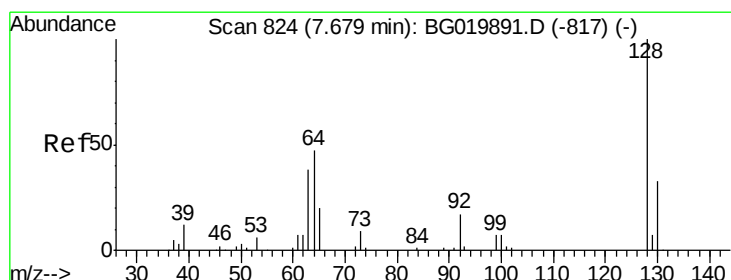
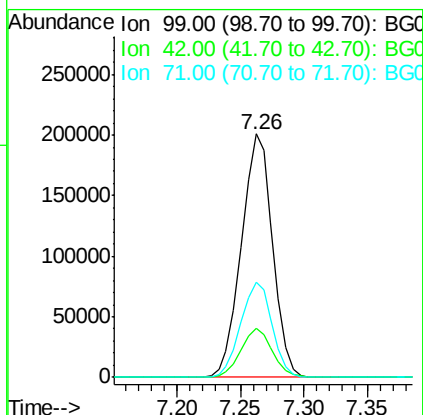
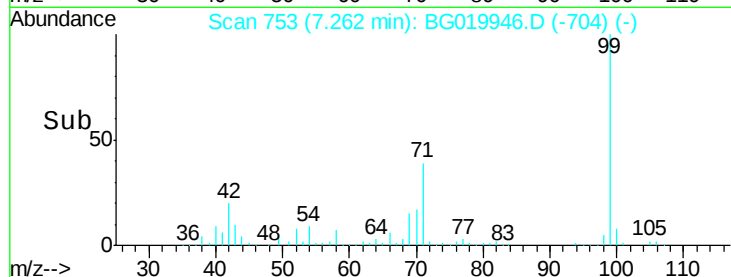
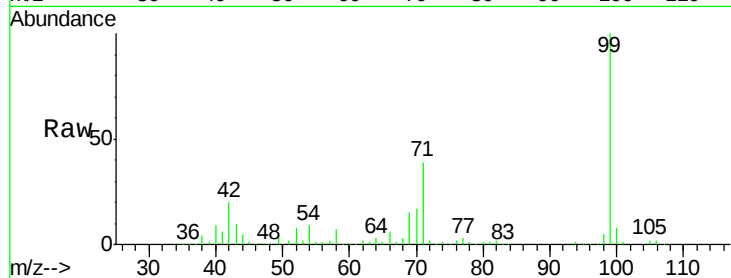
Tgt Ion: 99 Resp: 342632

Ion Ratio Lower Upper

99 100

42 19.9 11.5 17.3#

71 38.9 22.6 34.0#



#8

2-Chlorophenol

Concen: 26.03 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

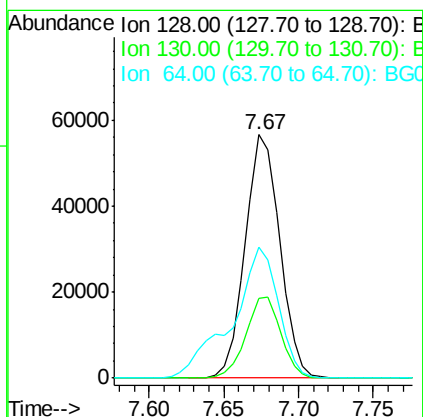
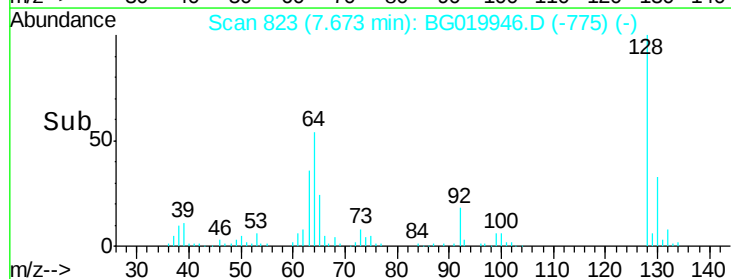
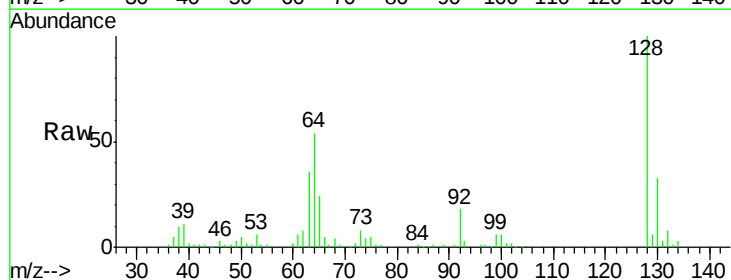
Tgt Ion: 128 Resp: 90754

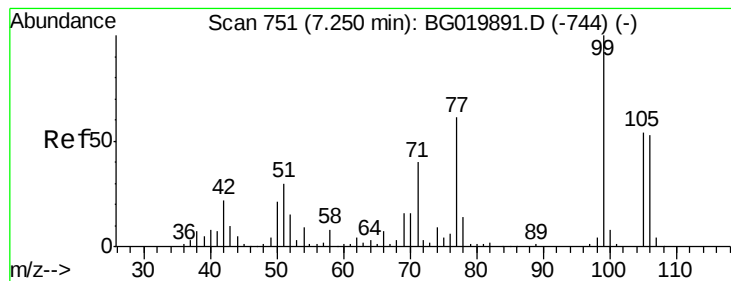
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 53.9 28.2 68.2





#9

Benzaldehyde

Concen: 10.45 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

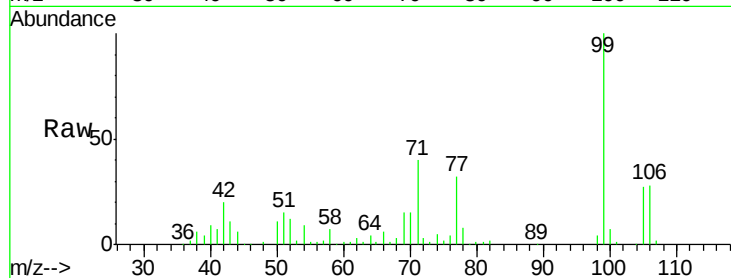
Tgt Ion: 77 Resp: 30089

Ion Ratio Lower Upper

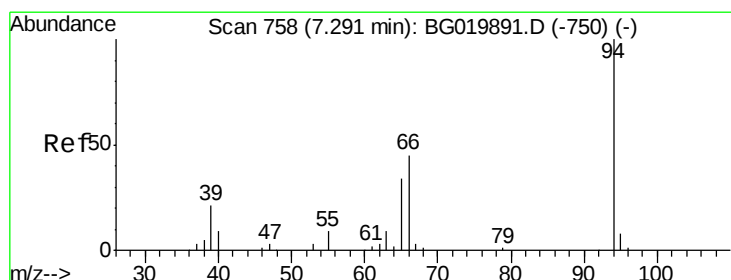
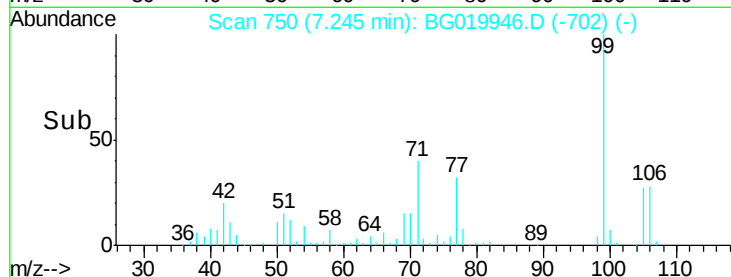
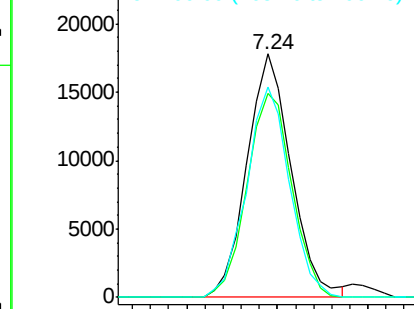
77 100

105 83.8 77.7 117.7

106 86.3 75.8 115.8



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



#10

Phenol

Concen: 27.14 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

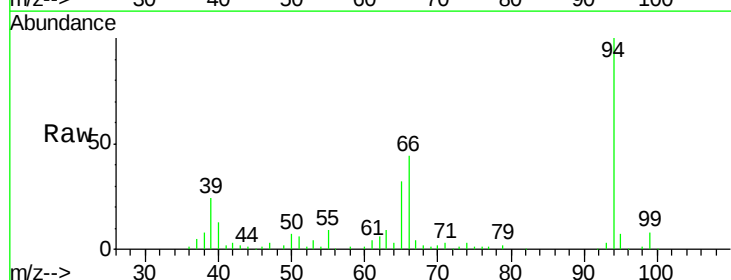
Tgt Ion: 94 Resp: 123282

Ion Ratio Lower Upper

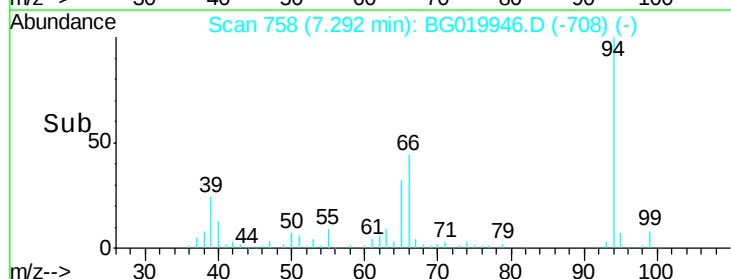
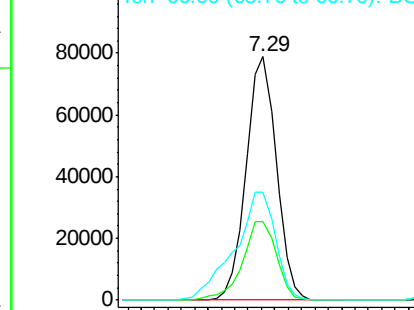
94 100

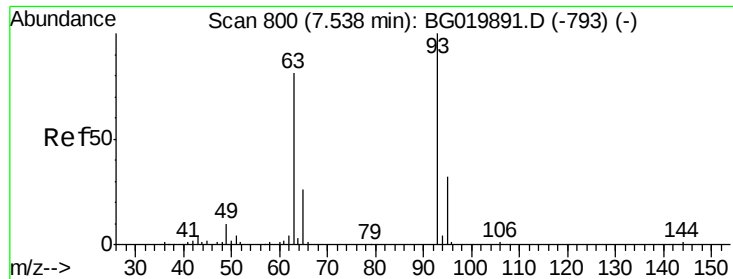
65 32.4 5.4 45.4

66 44.2 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

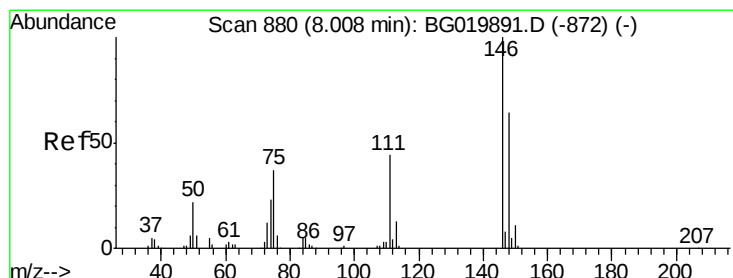
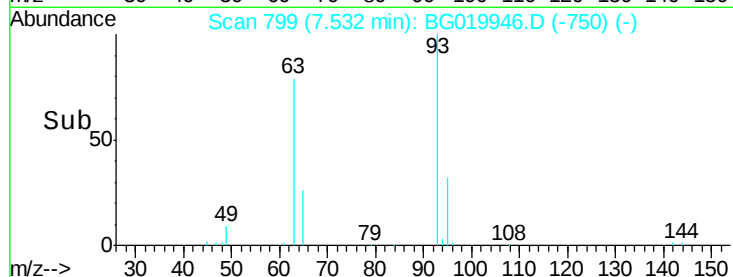
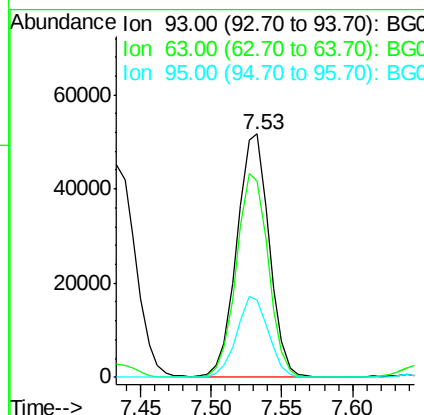
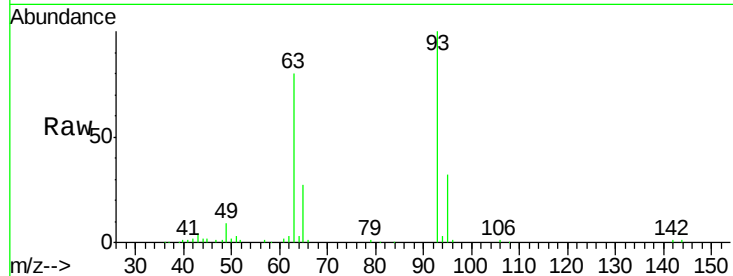




#11
bis(2-Chloroethyl)ether
Concen: 24.67 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

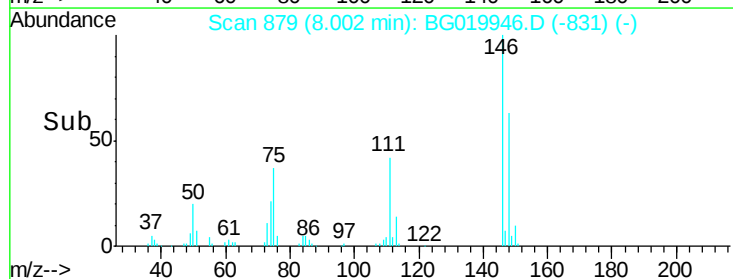
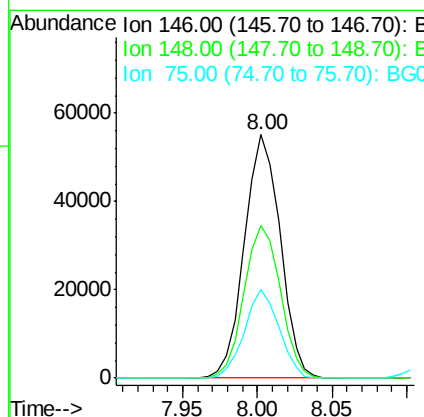
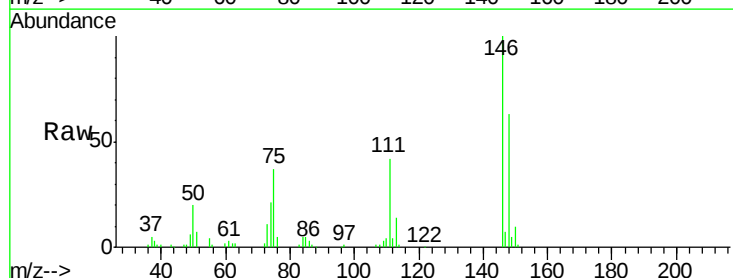
Instrument :
BNA_G
ClientSampleId :
PB87054BS

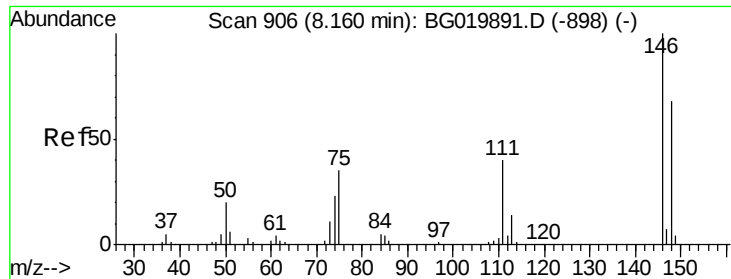
Tgt Ion: 93 Resp: 82987
Ion Ratio Lower Upper
93 100
63 80.5 50.5 90.5
95 31.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 23.19 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion: 146 Resp: 91609
Ion Ratio Lower Upper
146 100
148 62.7 53.4 80.0
75 36.6 21.1 31.7#

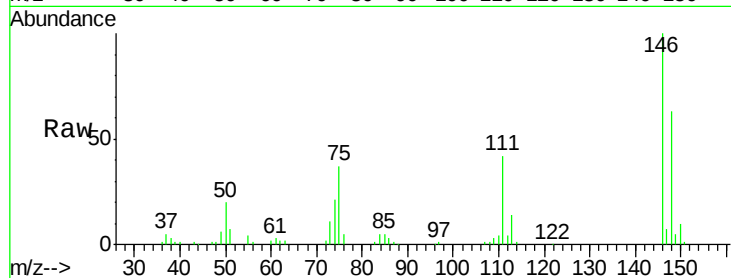




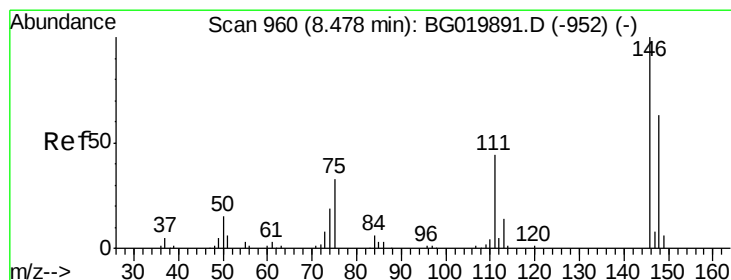
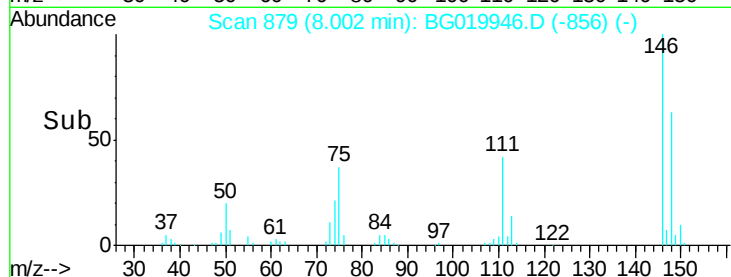
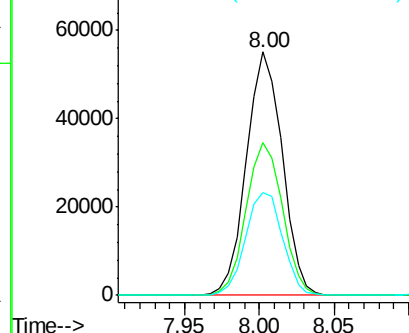
#13
 1,4-Dichlorobenzene
 Concen: 22.45 ng
 RT: 8.00 min Scan# 879
 Delta R.T. -0.16 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tgt Ion:146 Resp: 91609
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.5 78.7
 111 42.5 28.3 42.5

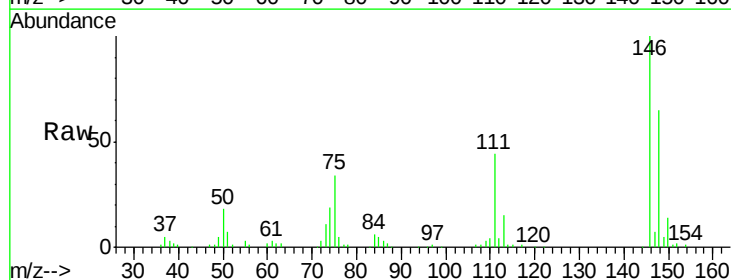


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

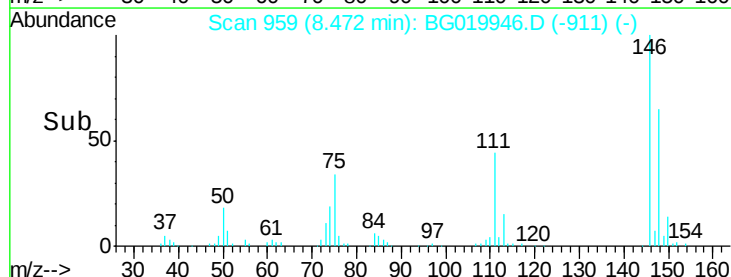
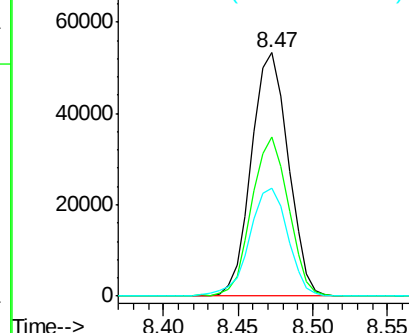


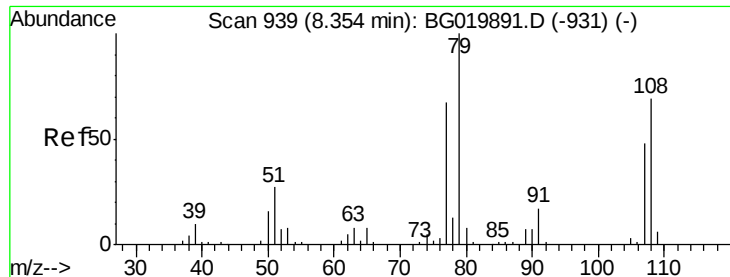
#14
 1,2-Dichlorobenzene
 Concen: 23.39 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:146 Resp: 91045
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.5 78.7
 111 44.5 29.9 44.9



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





#15

Benzyl Alcohol

Concen: 25.32 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

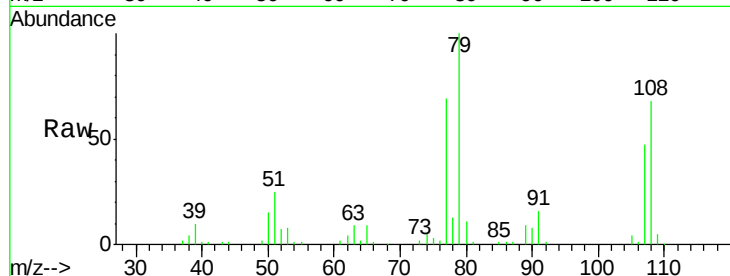
Tgt Ion: 79 Resp: 95889

Ion Ratio Lower Upper

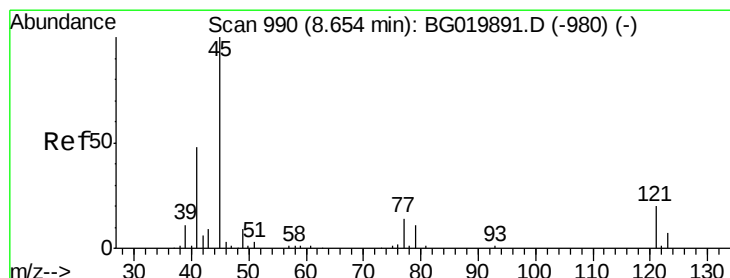
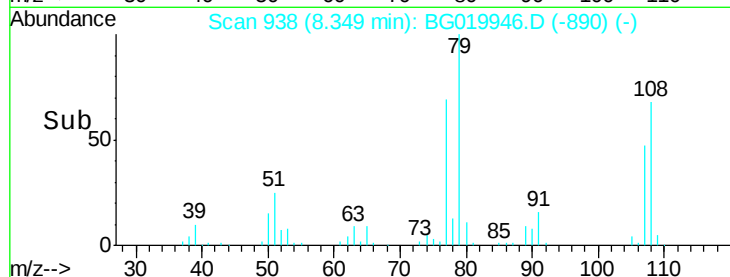
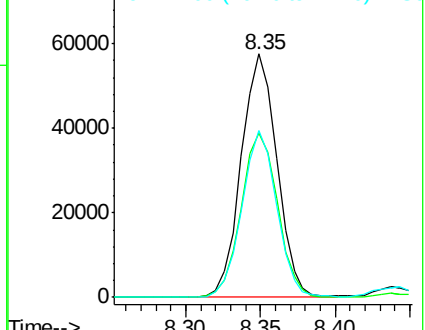
79 100

108 67.7 65.5 98.3

77 68.7 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: 23.20 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

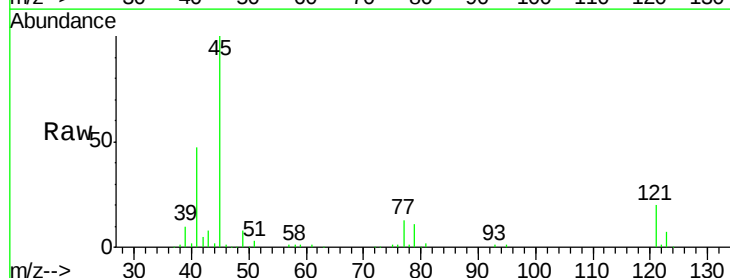
Tgt Ion: 45 Resp: 127271

Ion Ratio Lower Upper

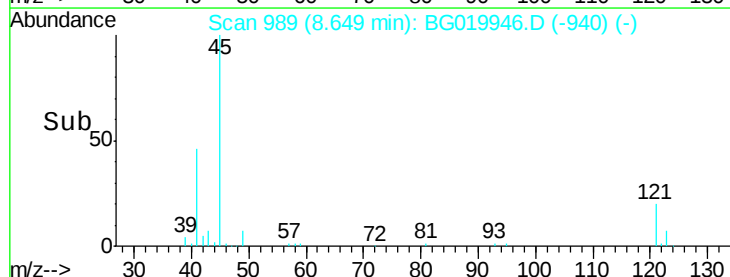
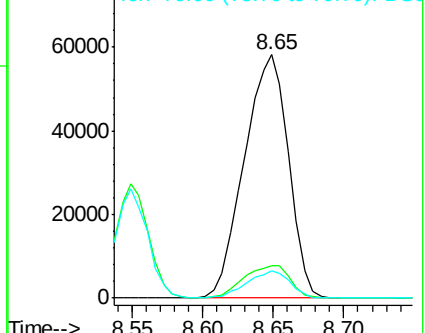
45 100

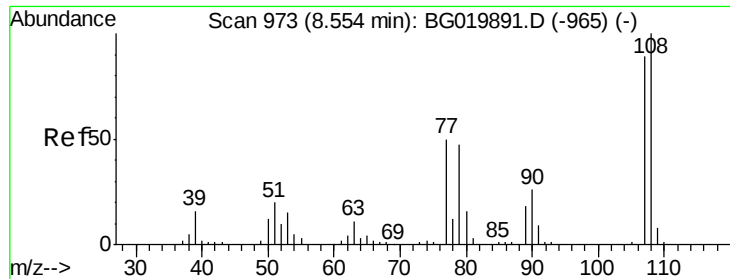
77 13.3 0.0 37.0

79 11.3 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

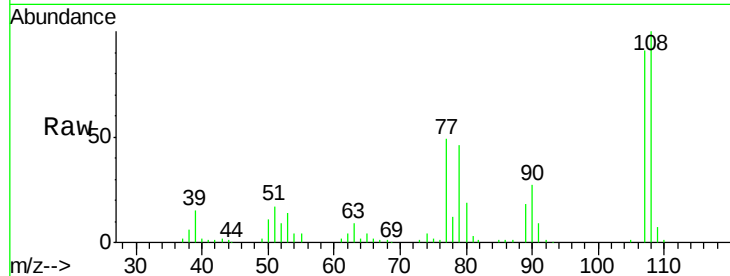




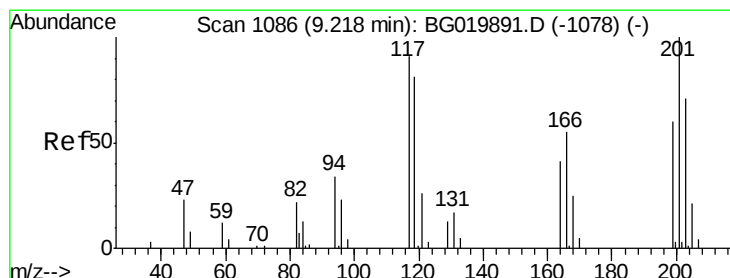
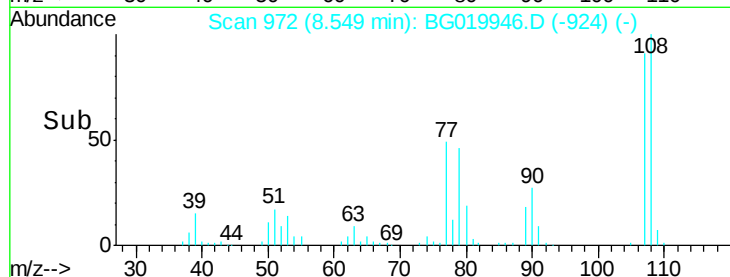
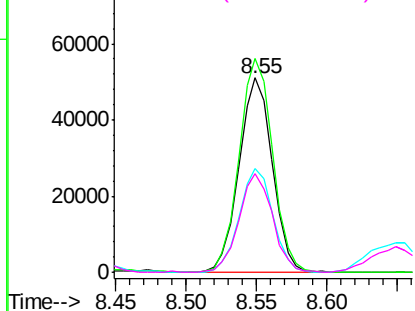
#17
2-Methylphenol
Concen: 26.23 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tgt Ion:107 Resp: 84111
Ion Ratio Lower Upper
107 100
108 110.0 86.5 129.7
77 53.5 34.6 51.8#
79 51.0 32.3 48.5#

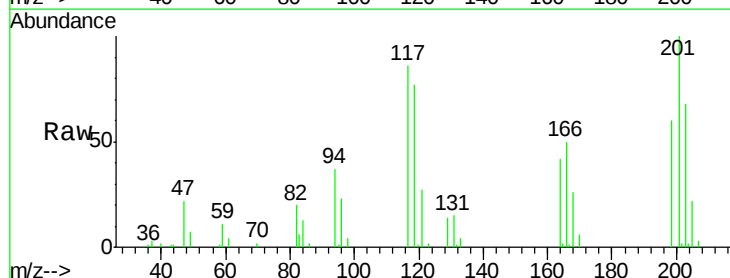


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

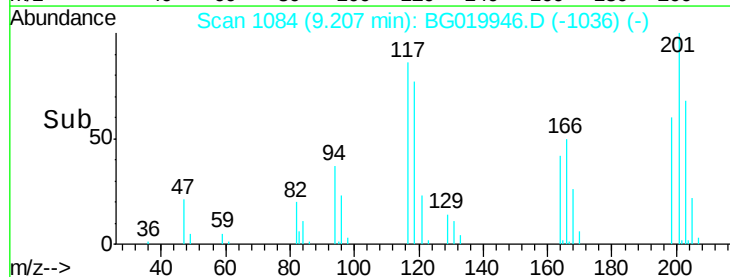
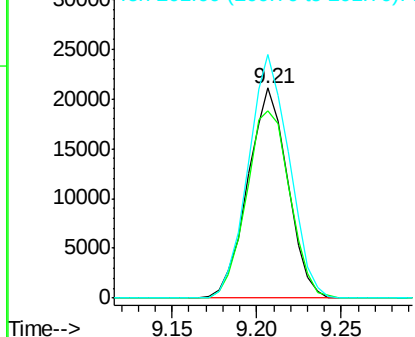


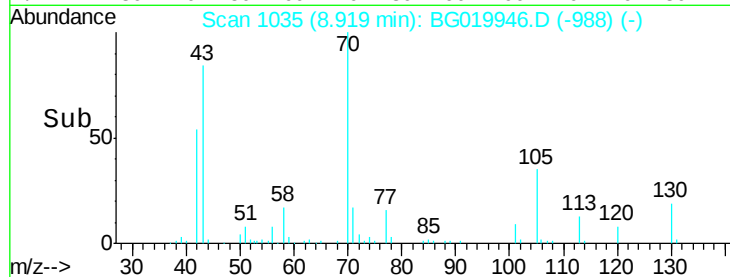
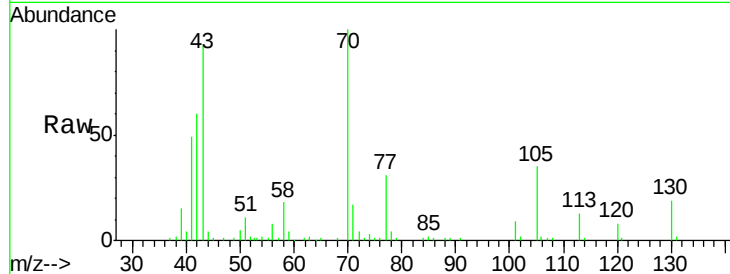
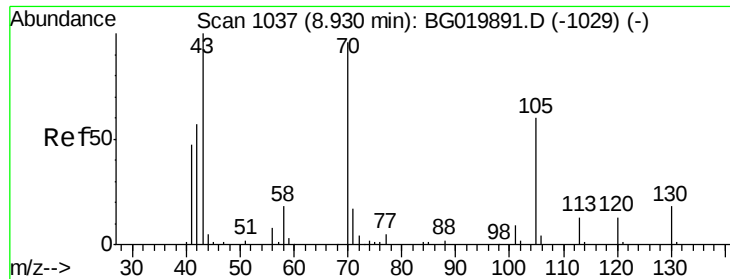
#18
Hexachloroethane
Concen: 22.66 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:117 Resp: 34617
Ion Ratio Lower Upper
117 100
119 89.2 71.7 107.5
201 118.2 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

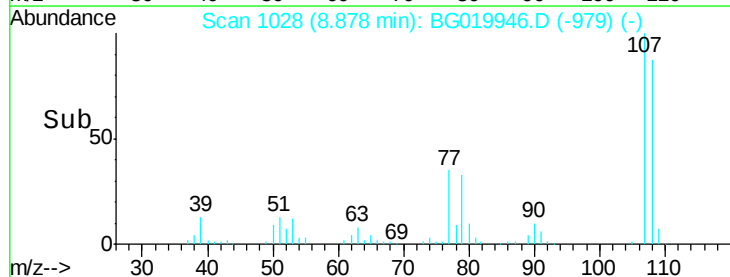
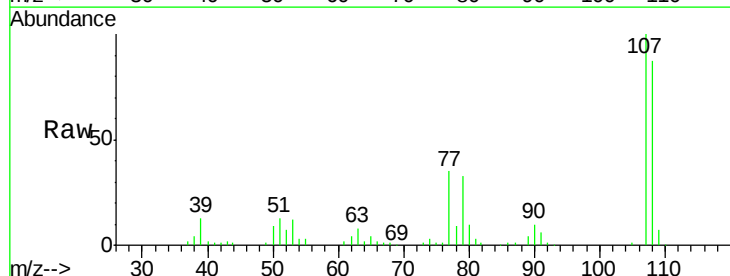
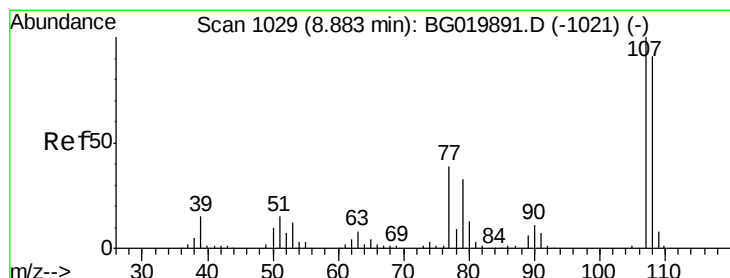
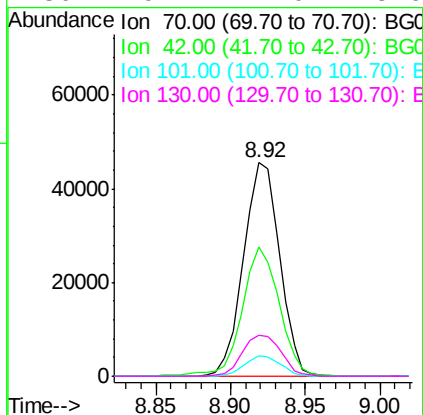




#19
n-Nitroso-di-n-propylamine
Concen: 22.40 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

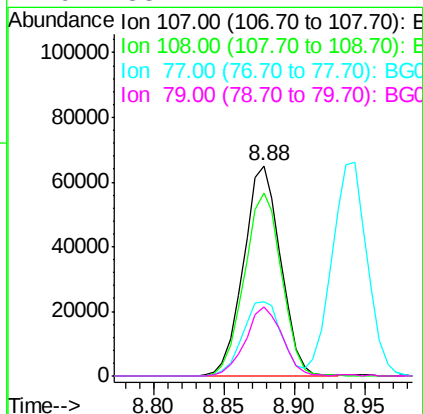
Instrument :
BNA_G
ClientSampleId :
PB87054BS

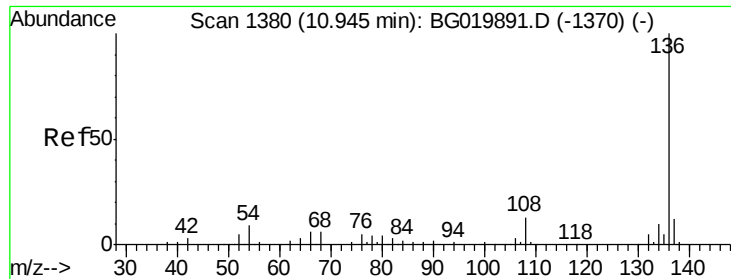
Tgt Ion:	70	Resp:	76236
Ion	Ratio	Lower	Upper
70	100		
42	60.3	40.6	60.8
101	9.3	8.6	13.0
130	19.4	17.0	25.6



#20
3+4-Methylphenols
Concen: 26.43 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:	107	Resp:	119369
Ion	Ratio	Lower	Upper
107	100		
108	87.0	72.2	112.2
77	35.2	13.4	53.4
79	33.2	7.2	47.2

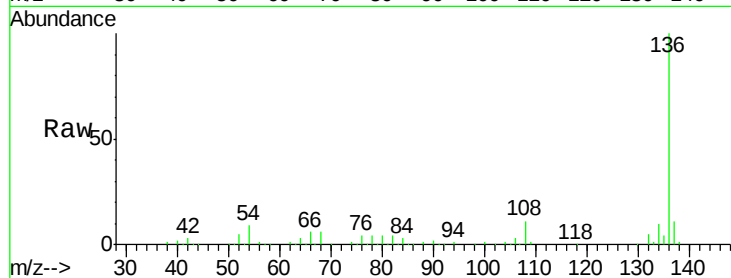




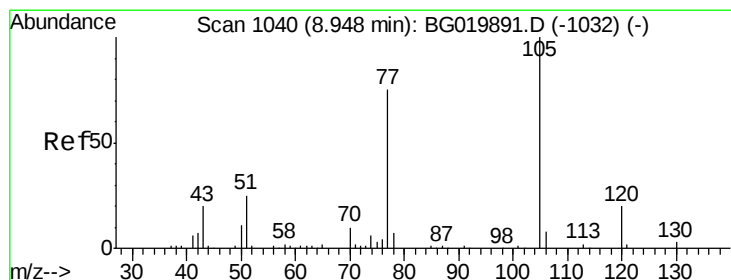
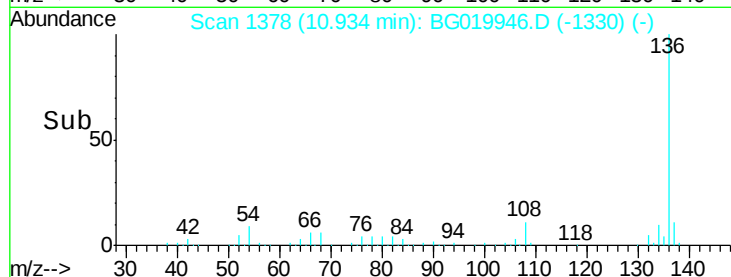
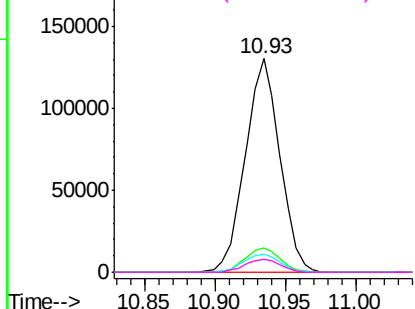
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tgt Ion:	136	Resp:	223019
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.5	5.4	8.2#
68	6.3	5.3	7.9

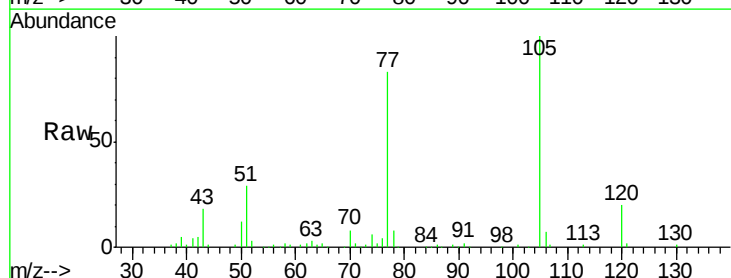


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

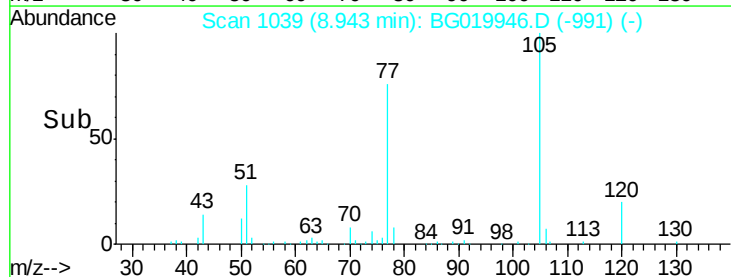
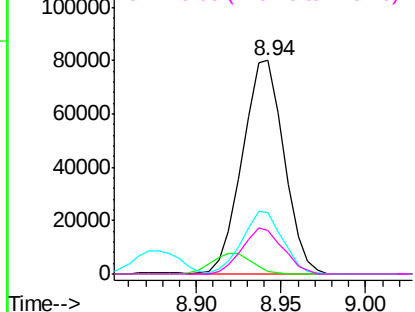


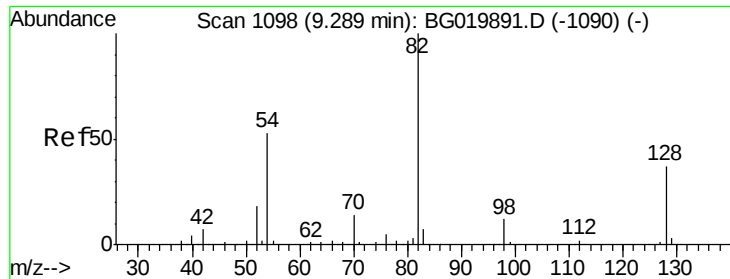
#22
Acetophenone
Concen: 22.55 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:	105	Resp:	137850
Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.1	3.1#
51	28.7	17.8	26.8#
120	20.4	17.7	26.5



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

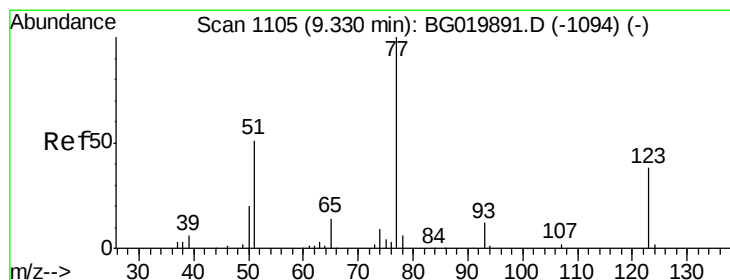
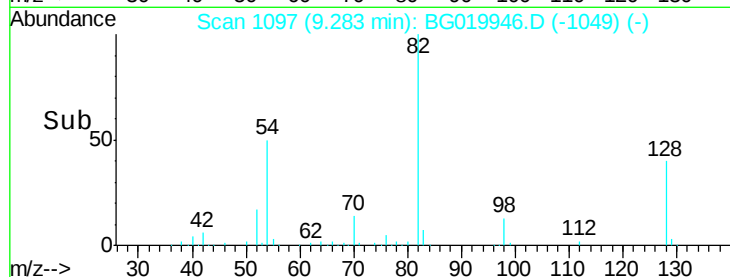
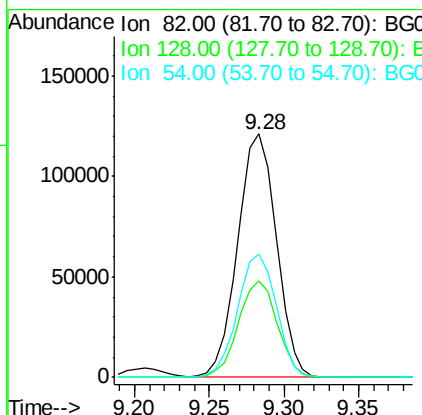
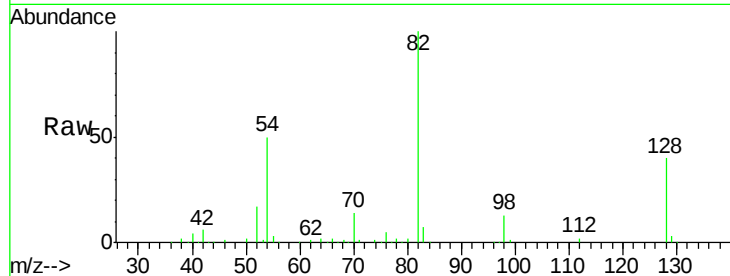




#23
 Nitrobenzene-d5
 Concen: 50.02 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

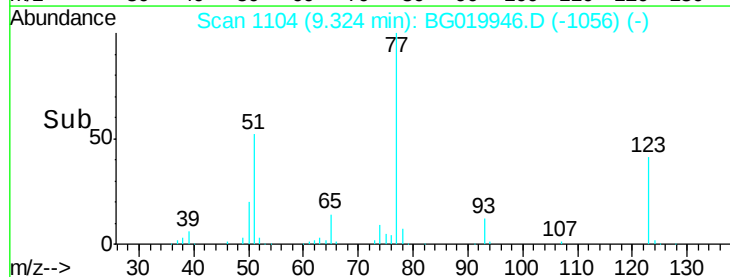
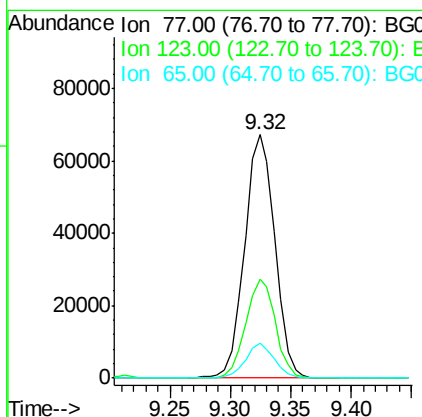
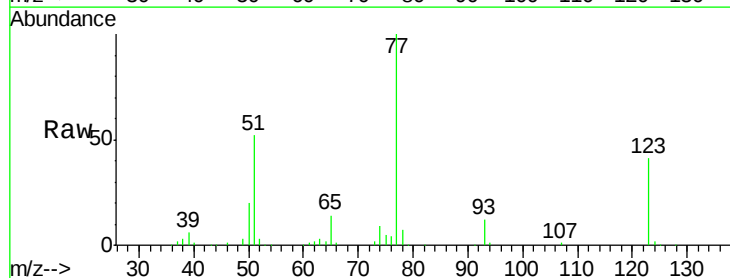
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

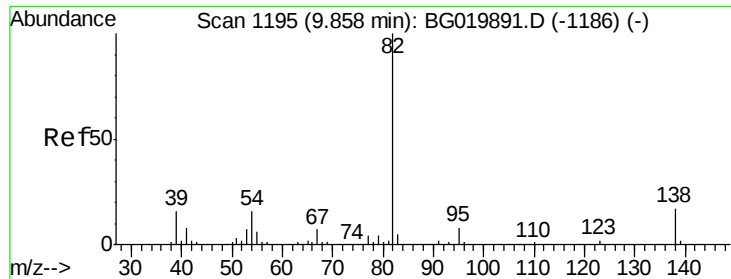
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.7	55.1
54	50.5	33.8	50.8



#24
 Nitrobenzene
 Concen: 24.76 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	38.2	57.2
65	14.2	10.6	16.0





#25

Isophorone

Concen: 22.33 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

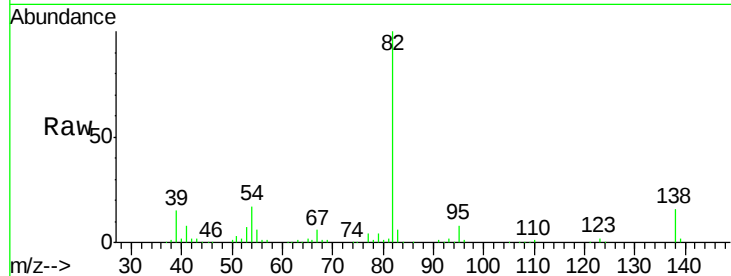
Tgt Ion: 82 Resp: 209169

Ion Ratio Lower Upper

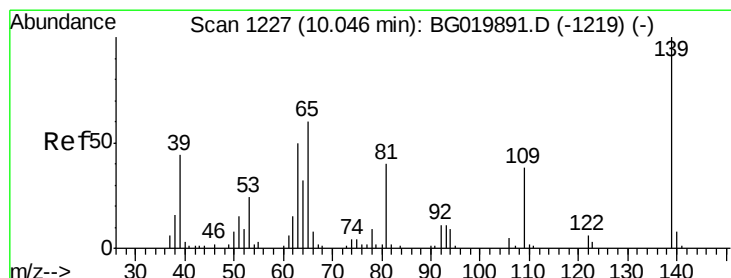
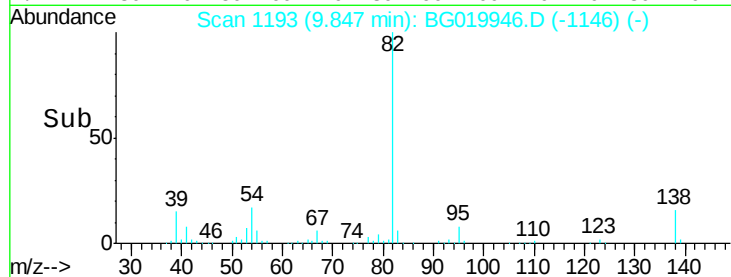
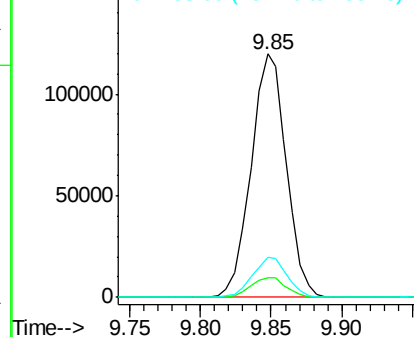
82 100

95 8.0 5.2 7.8#

138 16.2 14.4 21.6



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



#26

2-Nitrophenol

Concen: 27.51 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

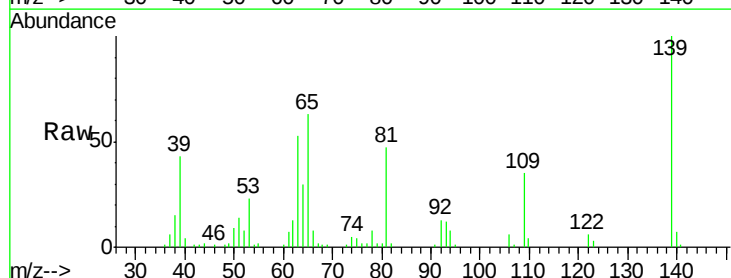
Tgt Ion: 139 Resp: 50358

Ion Ratio Lower Upper

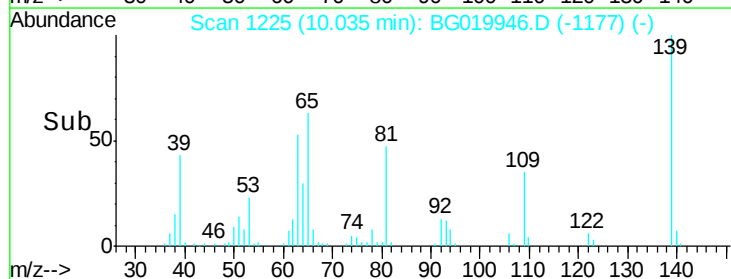
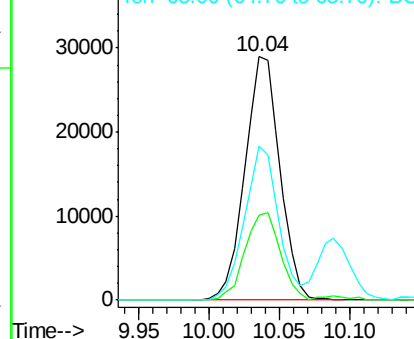
139 100

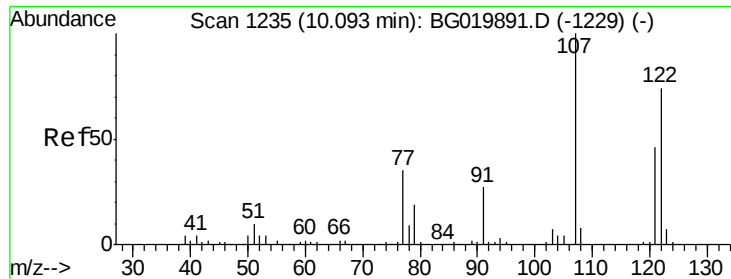
109 34.7 20.1 30.1#

65 63.1 34.1 51.1#



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

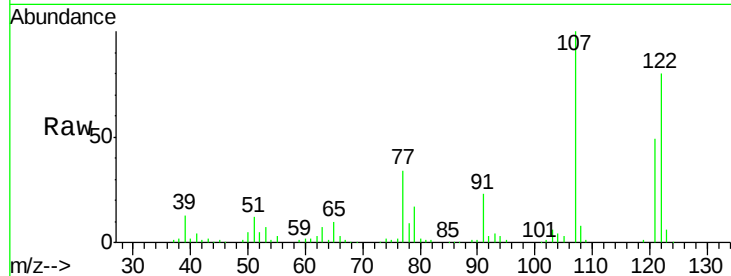




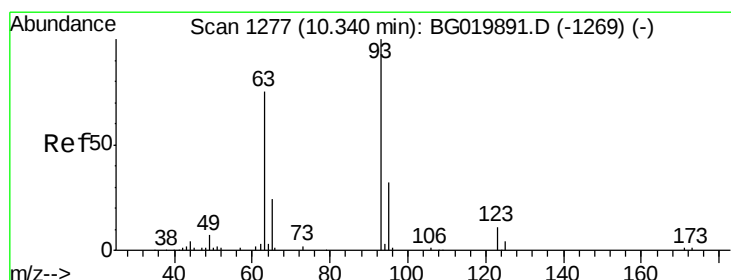
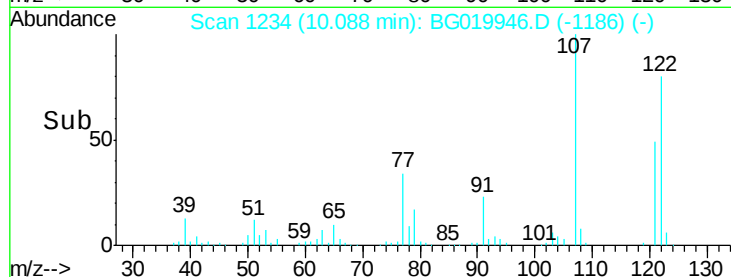
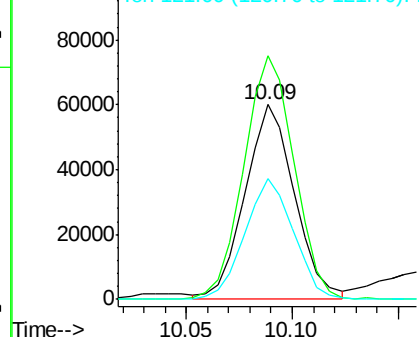
#27
 2,4-Dimethylphenol
 Concen: 25.50 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tgt Ion:122 Resp: 97203
 Ion Ratio Lower Upper
 122 100
 107 125.1 91.6 137.4
 121 61.7 47.3 70.9

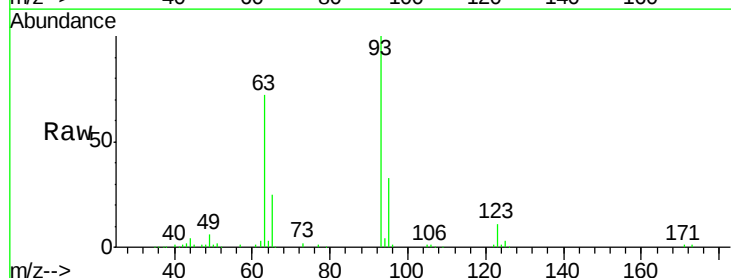


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

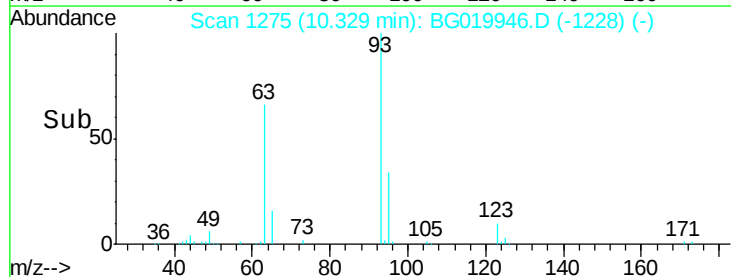
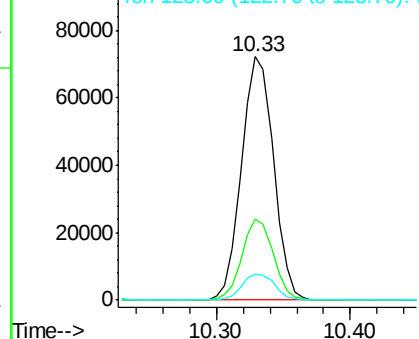


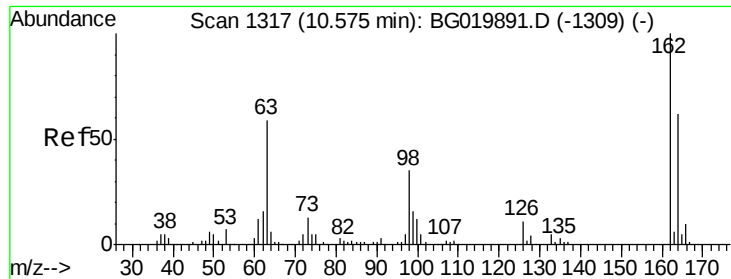
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.13 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion: 93 Resp: 119632
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.7 38.5
 123 10.7 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

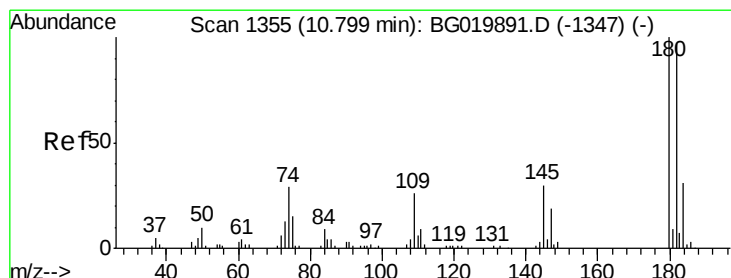
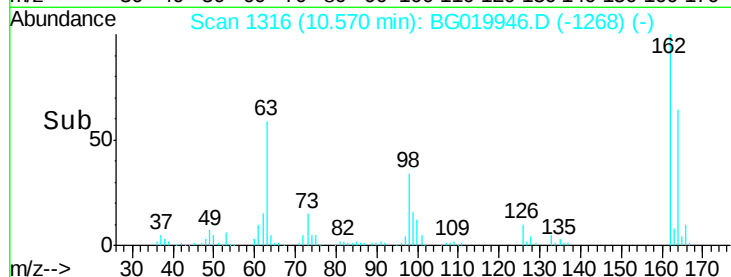
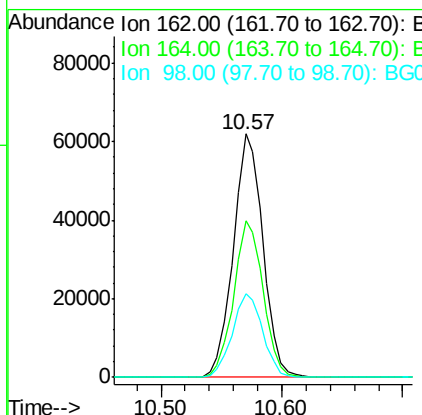
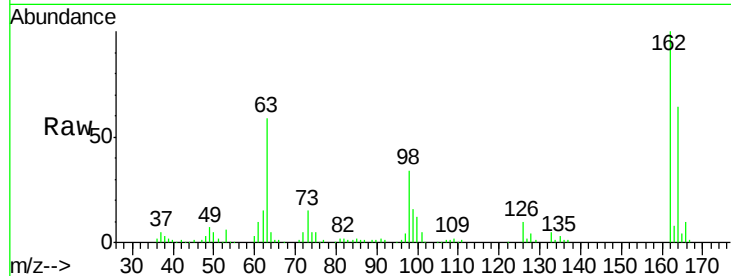




#29
2,4-Dichlorophenol
Concen: 27.10 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

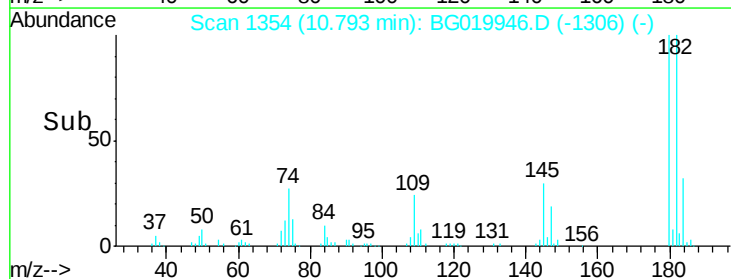
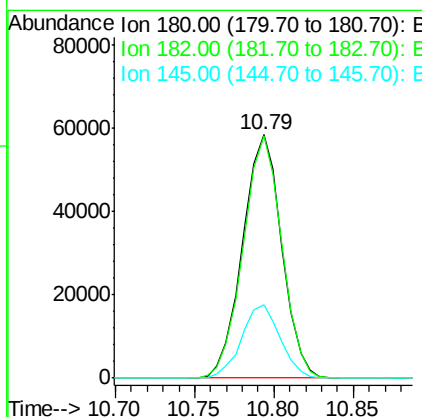
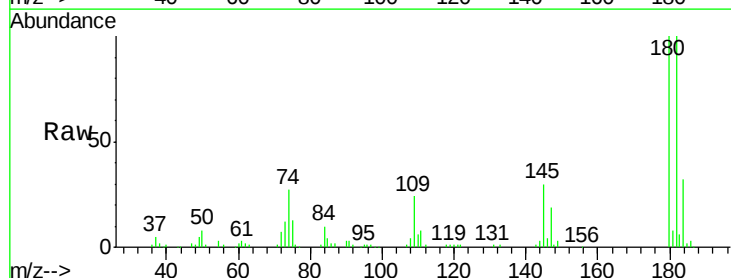
Instrument :
BNA_G
ClientSampleId :
PB87054BS

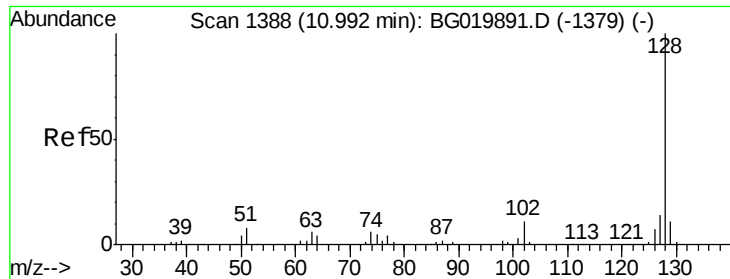
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.3	82.3
98	34.3	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 22.72 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	79.7	119.5
145	30.2	22.0	33.0





#31

Naphthalene

Concen: 23.60 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

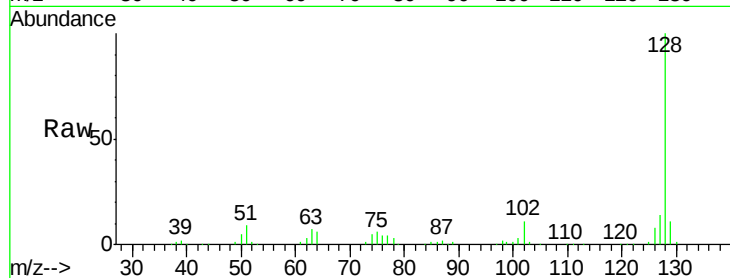
Tgt Ion:128 Resp: 281943

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

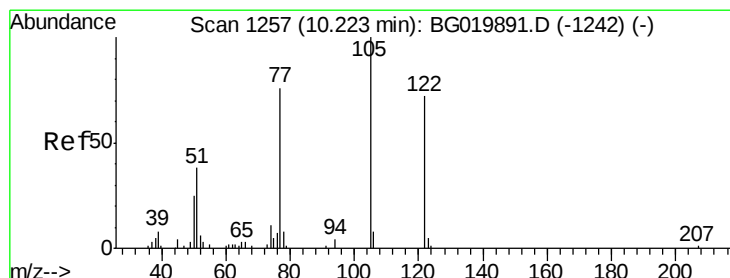
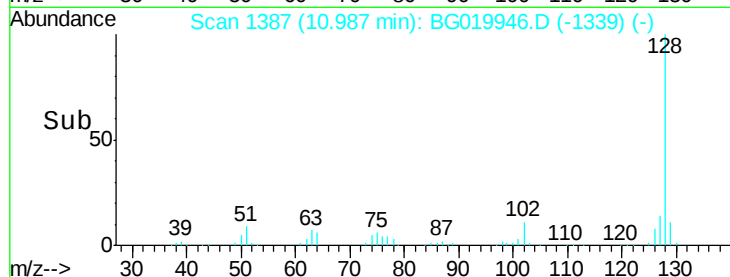
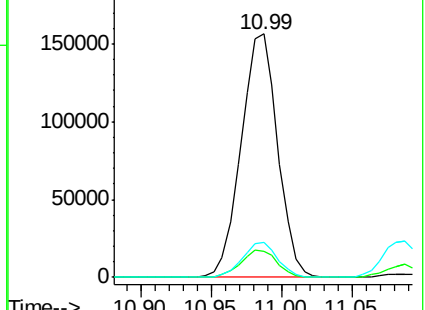
127 14.2 10.6 16.0



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: 30.20 ng

RT: 10.21 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

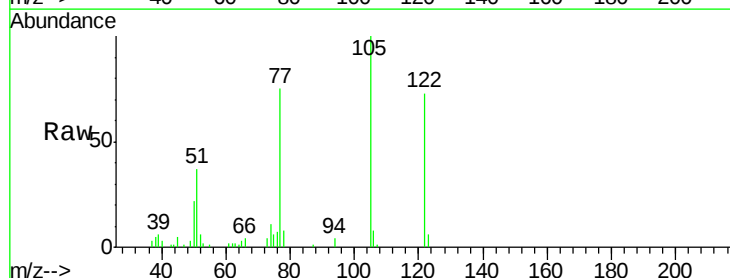
Tgt Ion:122 Resp: 71056

Ion Ratio Lower Upper

122 100

105 136.2 103.8 143.8

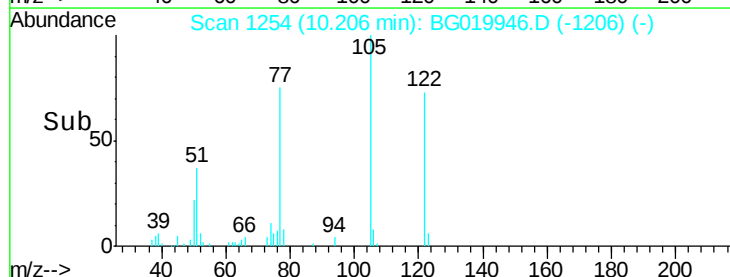
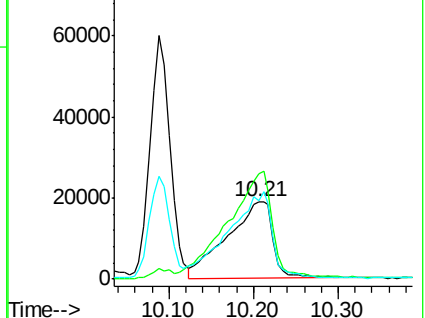
77 102.1 68.8 108.8

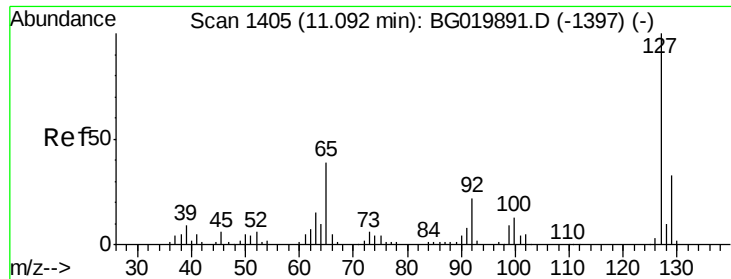


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

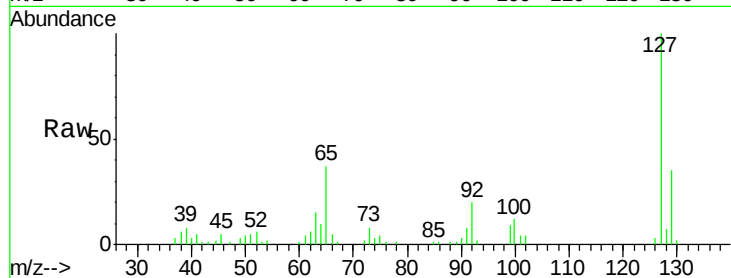




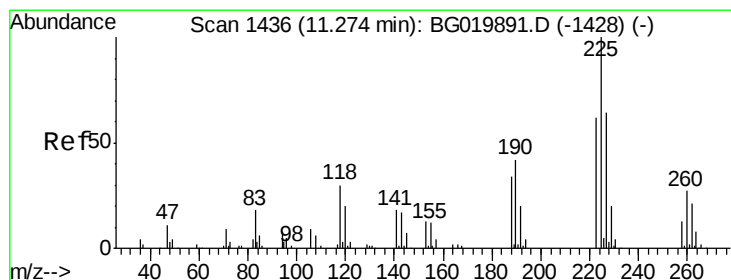
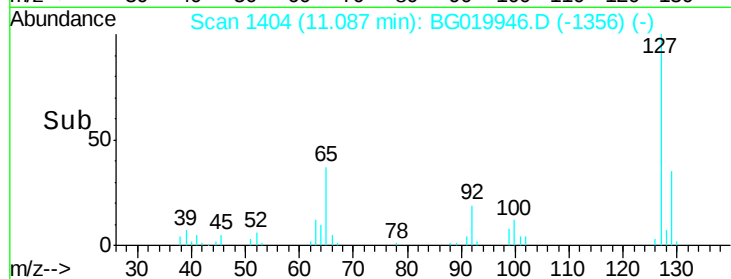
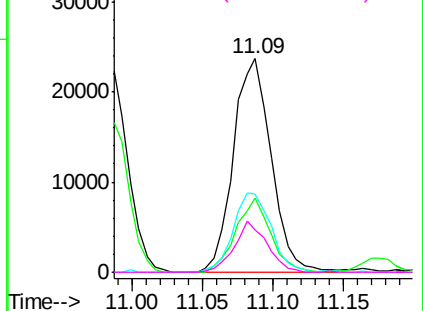
#33
4-Chloroaniline
Concen: 8.43 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tgt Ion:	127	Resp:	44359
Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.6	37.0
65	36.9	22.6	33.8#
92	19.8	15.1	22.7

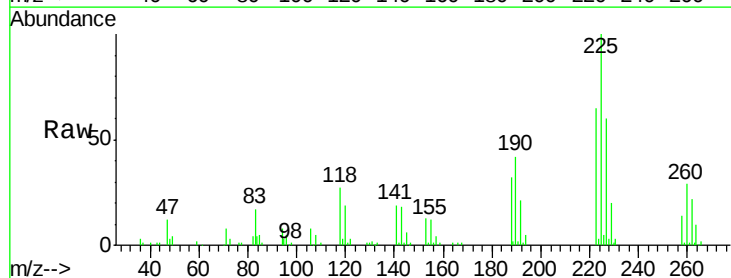


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

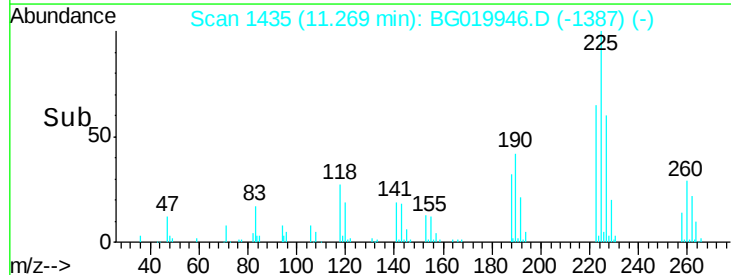
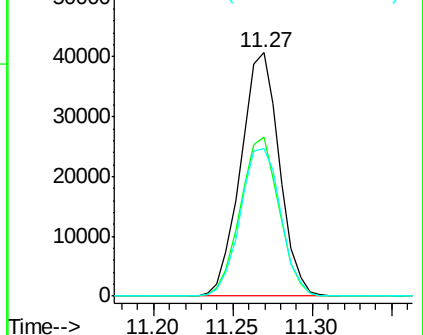


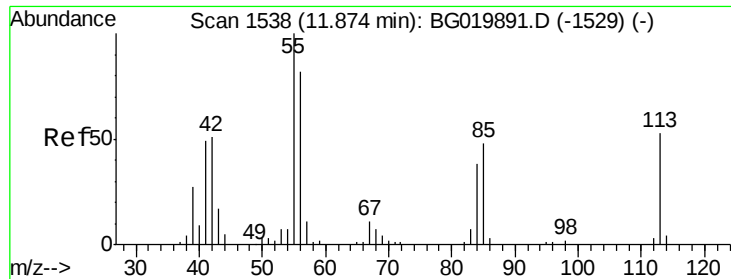
#34
Hexachlorobutadiene
Concen: 21.24 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:	225	Resp:	68957
Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.0	76.4
227	60.5	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: 16.37 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampled :

PB87054BS

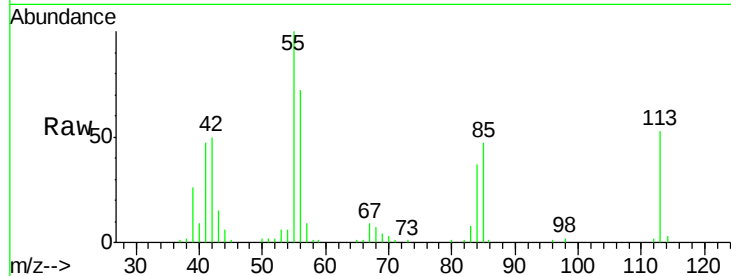
Tgt Ion:113 Resp: 23727

Ion Ratio Lower Upper

113 100

55 188.7 135.0 175.0#

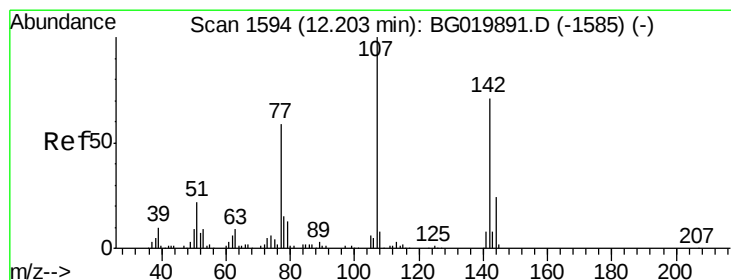
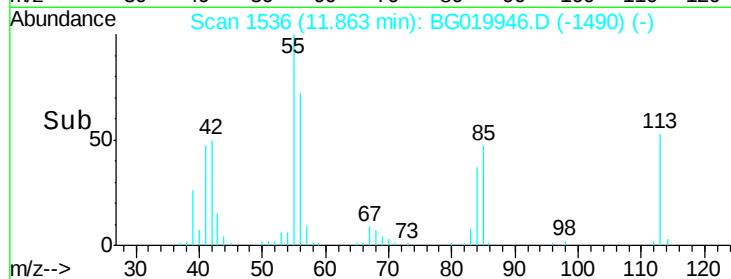
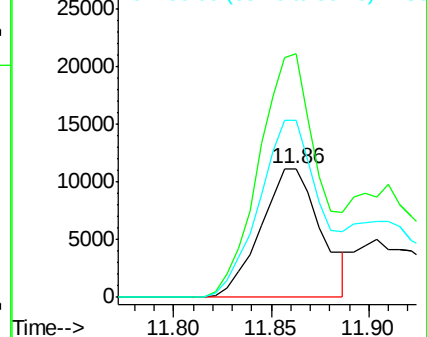
56 136.8 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 24.91 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

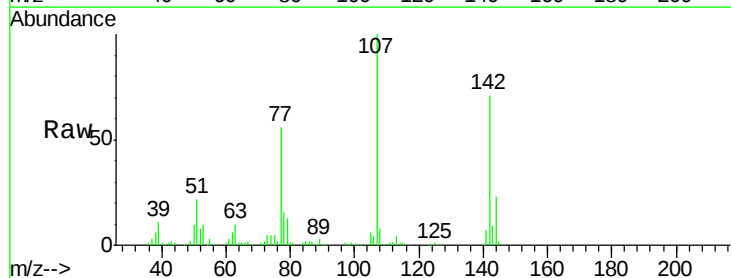
Tgt Ion:107 Resp: 120839

Ion Ratio Lower Upper

107 100

144 23.0 20.6 31.0

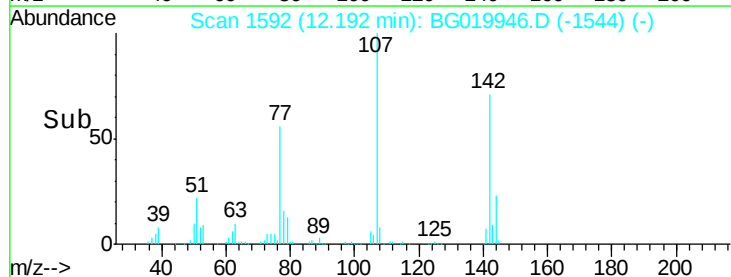
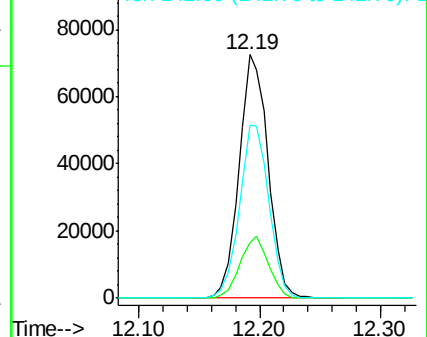
142 71.4 62.6 93.8

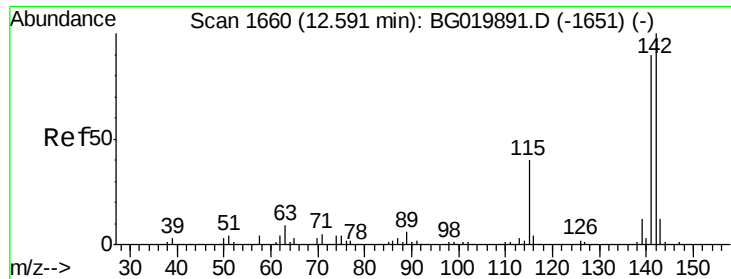


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

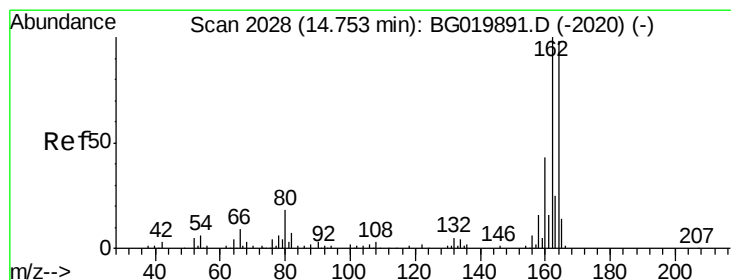
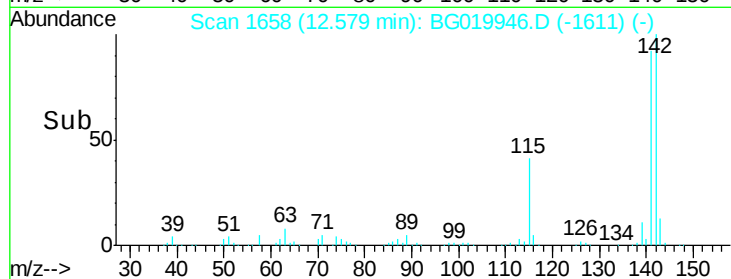
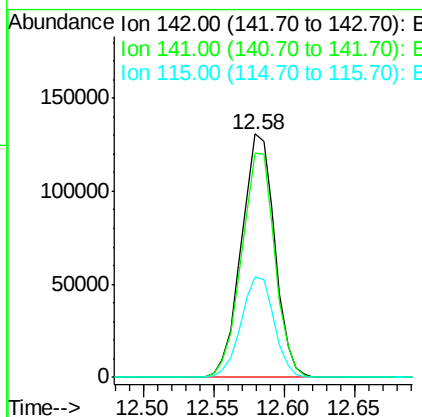
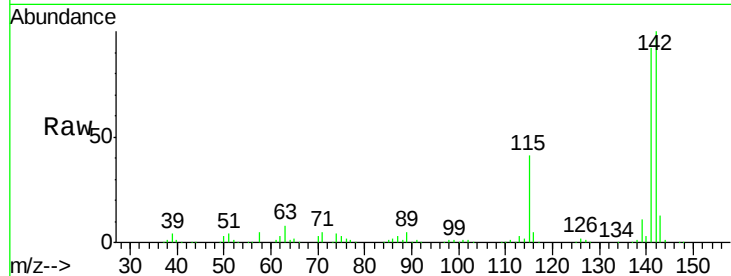




#37
 2-Methylnaphthalene
 Concen: 24.69 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

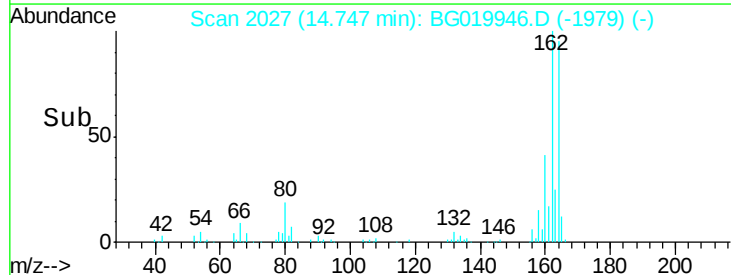
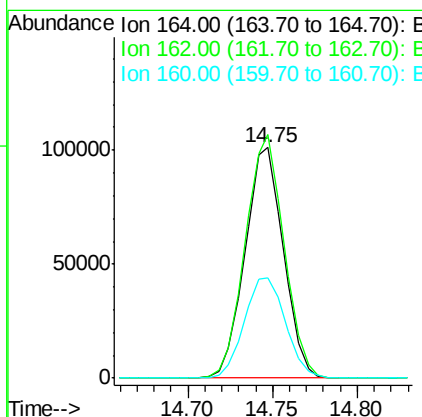
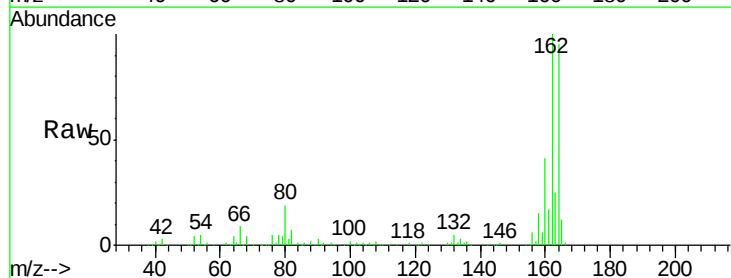
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

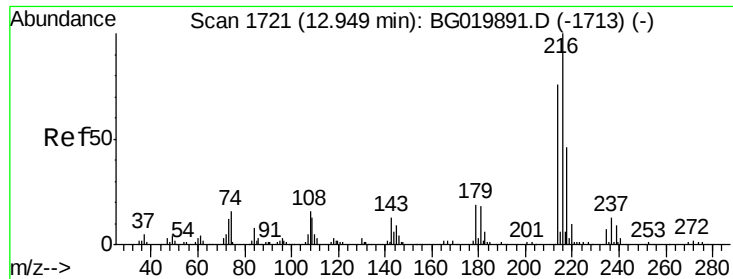
Tgt Ion:142 Resp: 216139
 Ion Ratio Lower Upper
 142 100
 141 92.4 74.6 112.0
 115 41.1 27.4 41.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:164 Resp: 159312
 Ion Ratio Lower Upper
 164 100
 162 105.5 78.8 118.2
 160 43.5 36.4 54.6

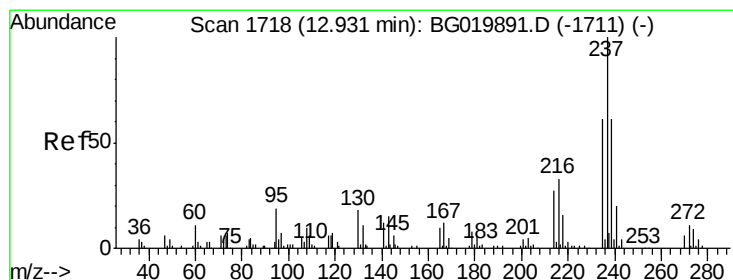
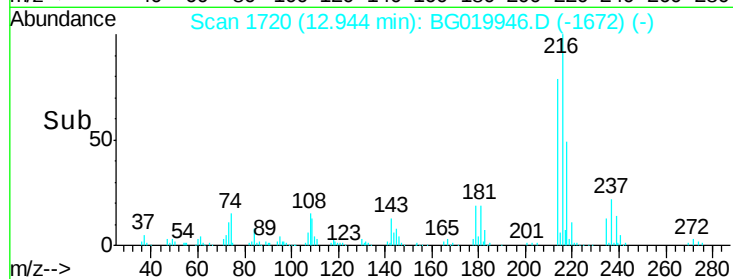
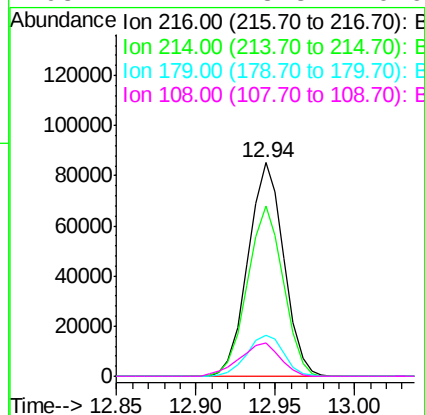
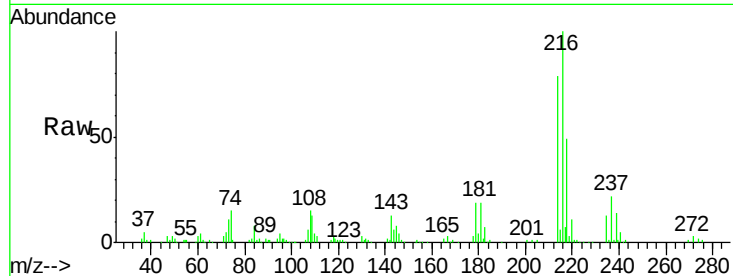




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.00 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

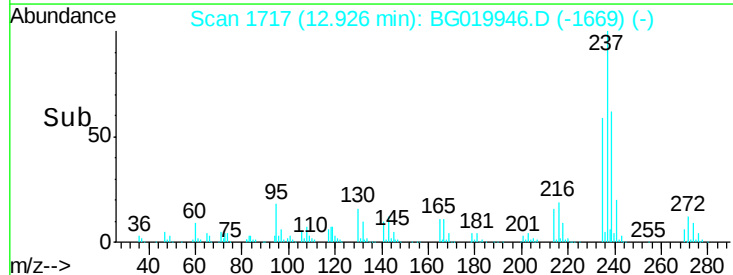
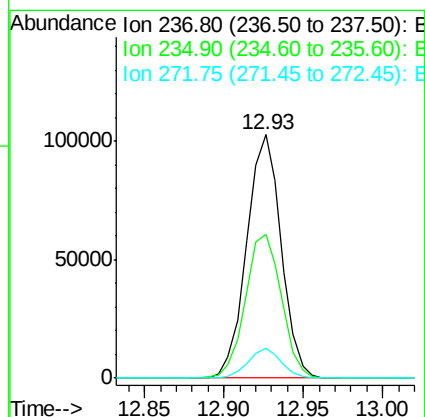
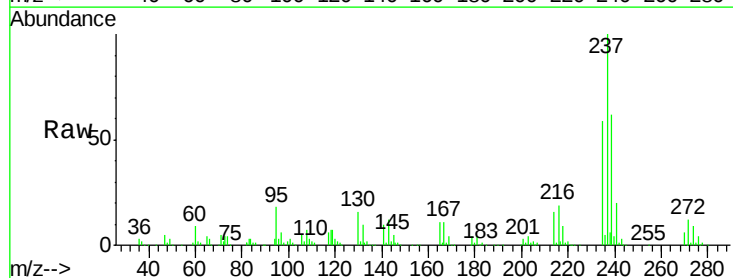
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

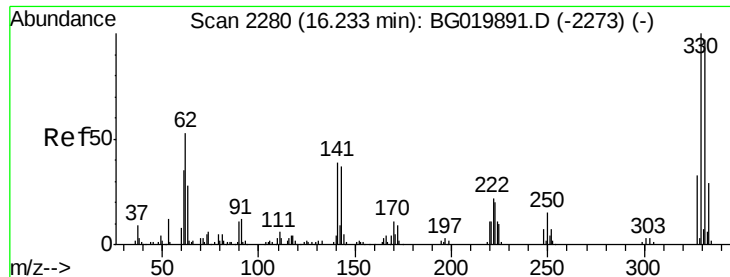
Tgt Ion:	216	Resp:	133031
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.5	93.7
179	19.8	15.6	23.4
108	17.7	13.3	19.9



#40
 Hexachlorocyclopentadiene
 Concen: 44.90 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:	237	Resp:	154786
Ion	Ratio	Lower	Upper
237	100		
235	59.3	44.6	84.6
272	12.1	0.0	32.8

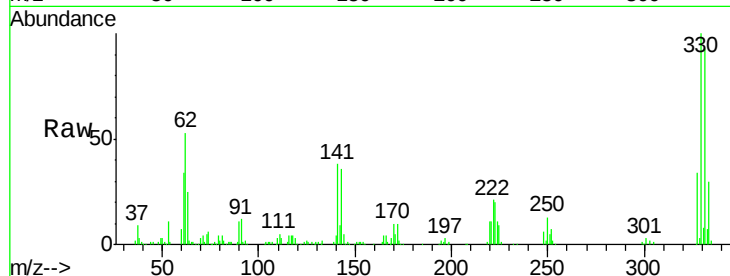




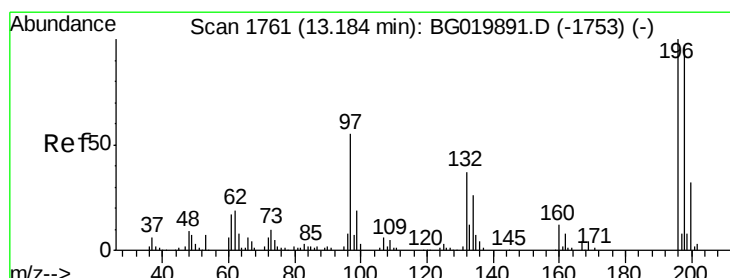
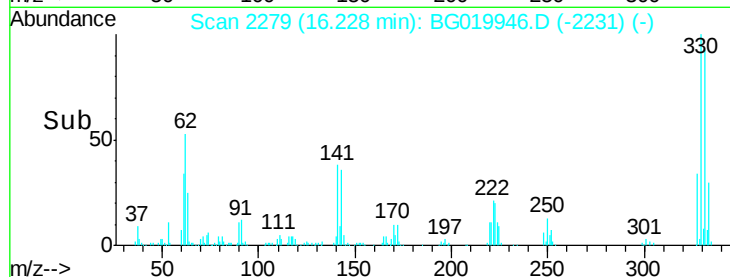
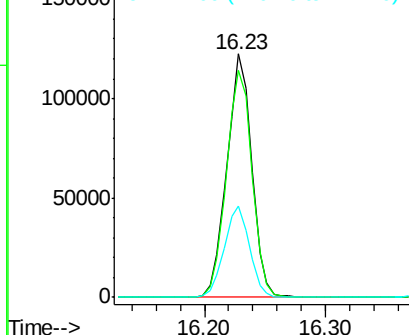
#41
 2,4,6-Tribromophenol
 Concen: 71.89 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tgt Ion:330 Resp: 175250
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 38.0 28.2 42.2

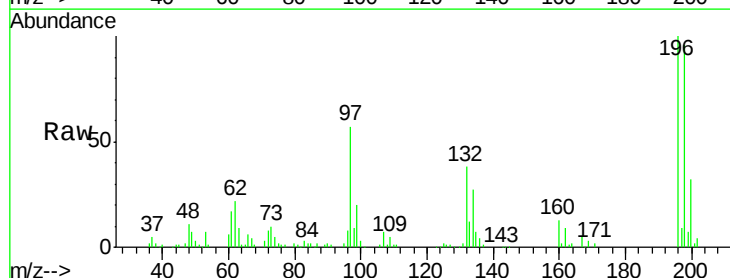


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

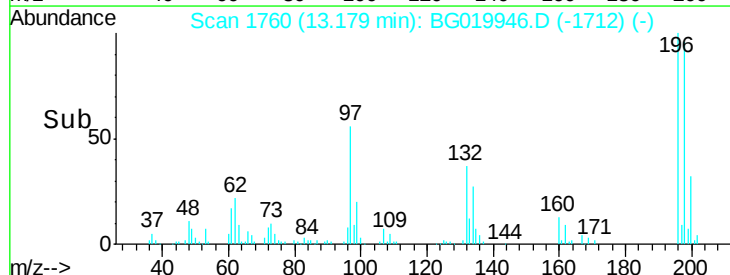
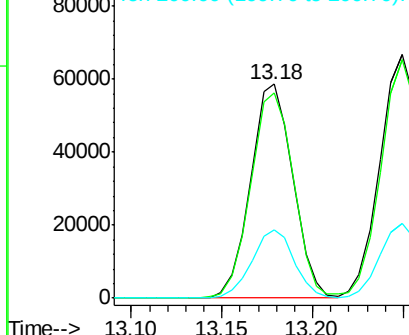


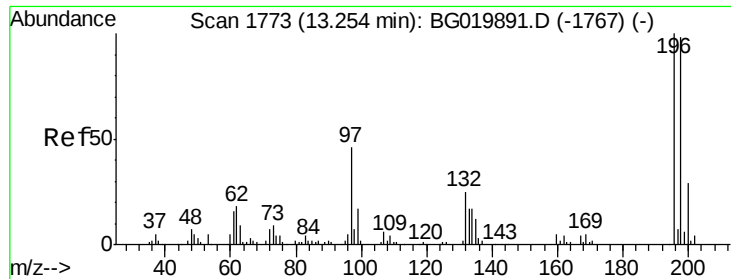
#42
 2,4,6-Trichlorophenol
 Concen: 23.79 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:196 Resp: 95237
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.7 112.1
 200 31.7 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

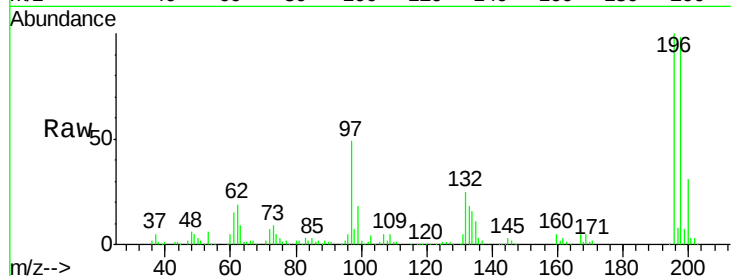




#43
 2,4,5-Trichlorophenol
 Concen: 25.59 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	75.2	112.8
97	48.7	34.2	51.2
132	25.1	21.8	32.6



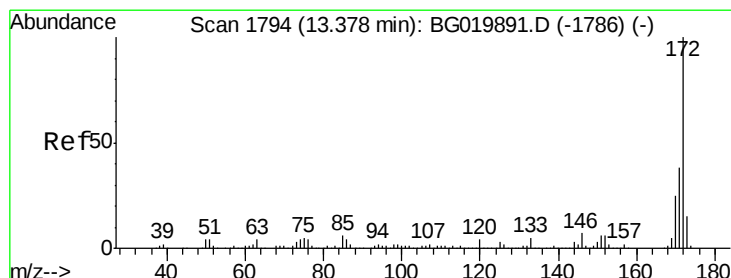
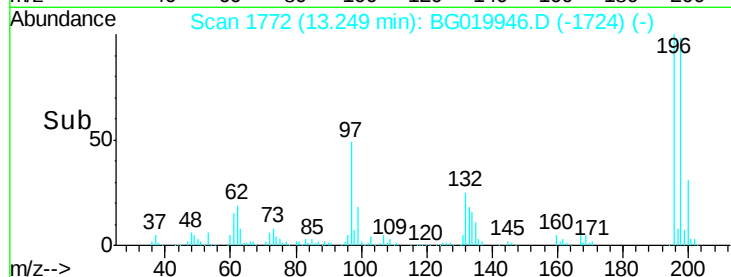
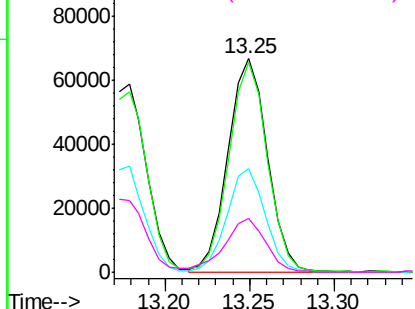
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

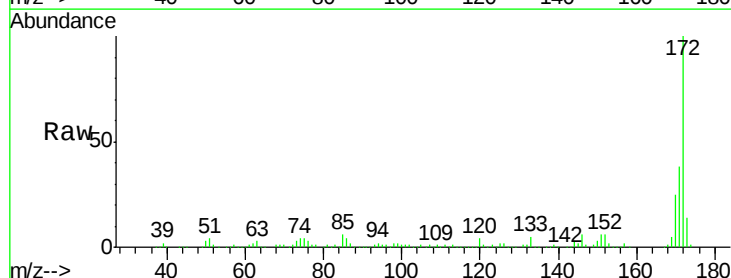
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 45.23 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.0	43.6
170	24.8	19.9	29.9

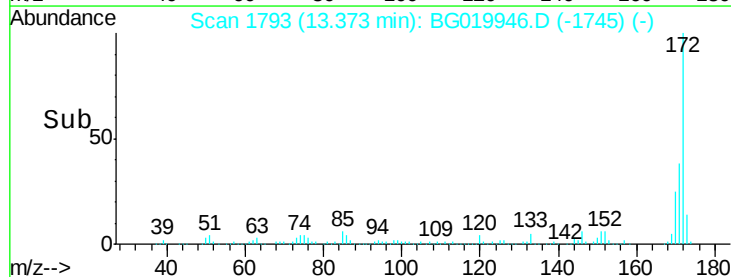
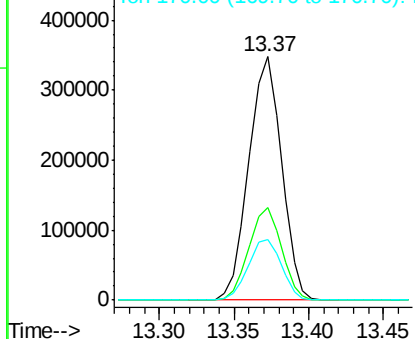


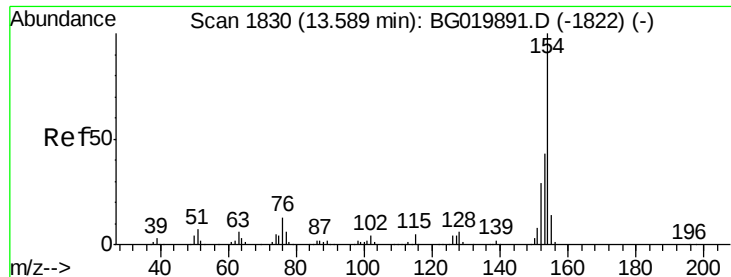
Abundance

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

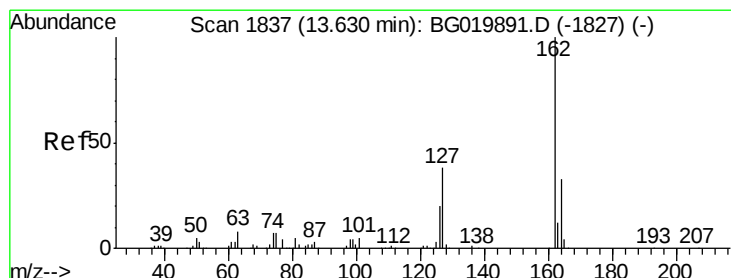
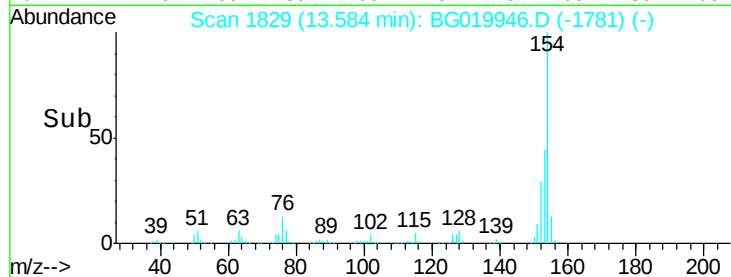
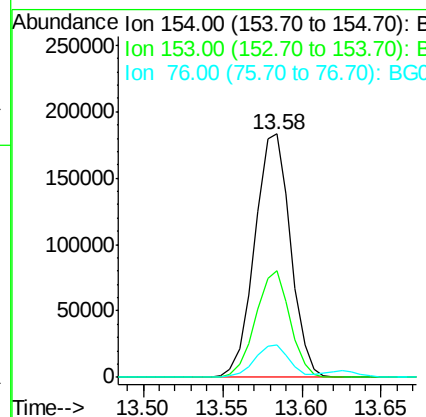
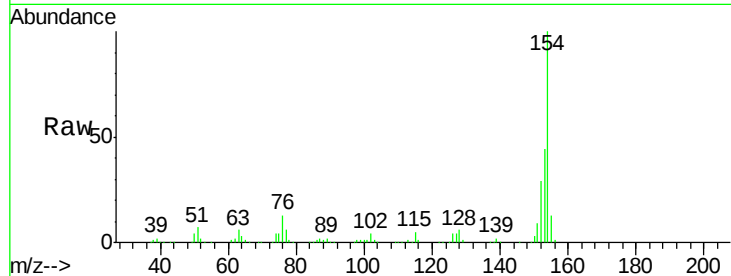




#45
 1,1'-Biphenyl
 Concen: 21.93 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

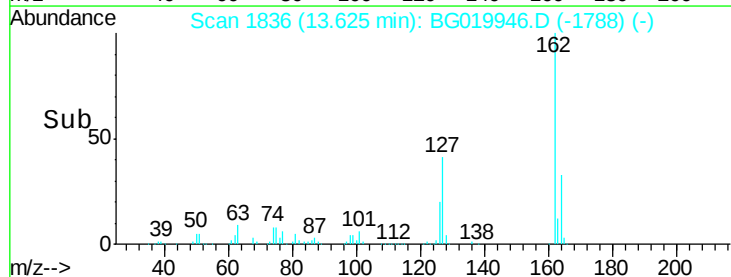
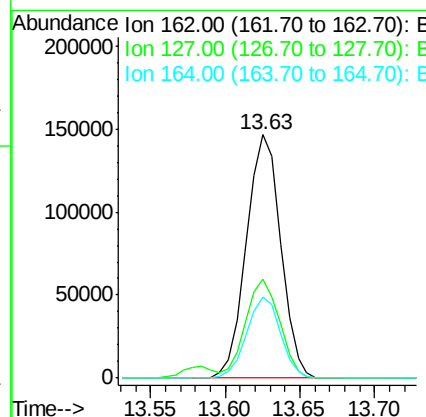
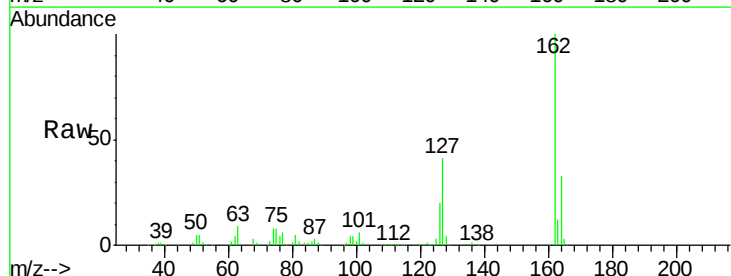
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

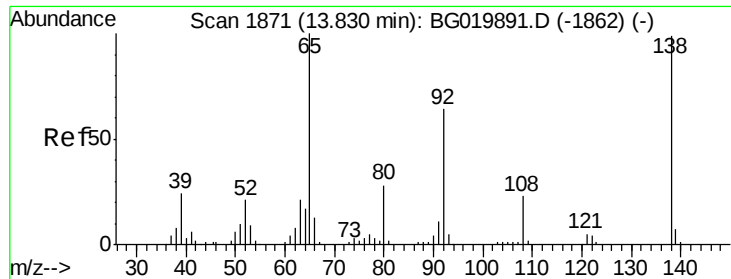
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.9	61.9
76	13.5	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 23.14 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	28.3	42.5
164	33.1	27.4	41.0

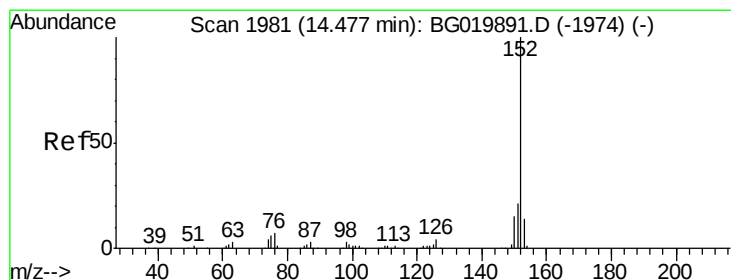
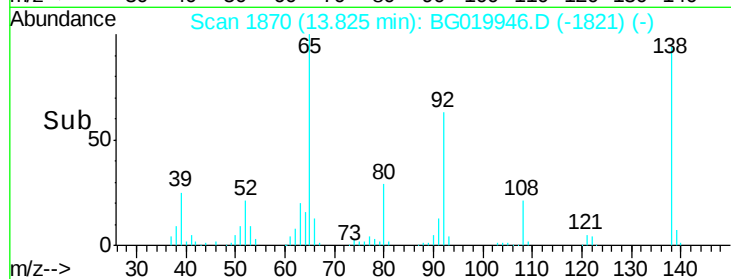
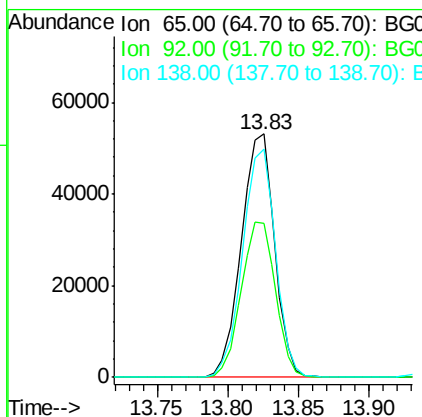
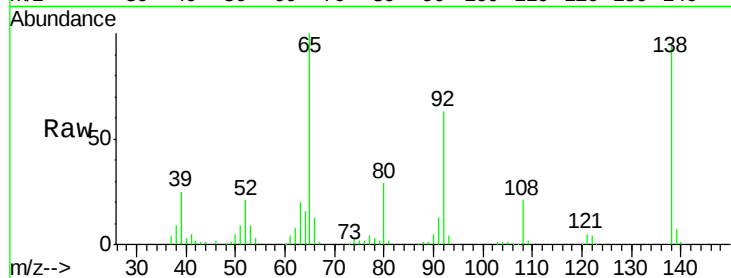




#47
2-Nitroaniline
Concen: 27.58 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

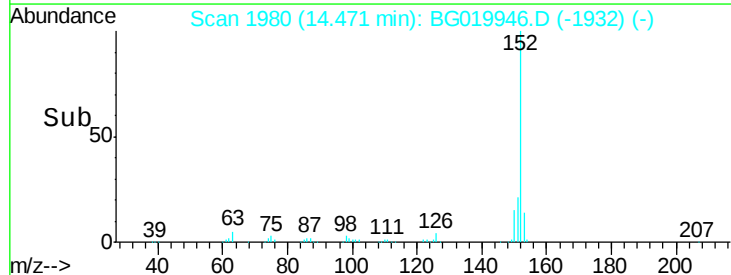
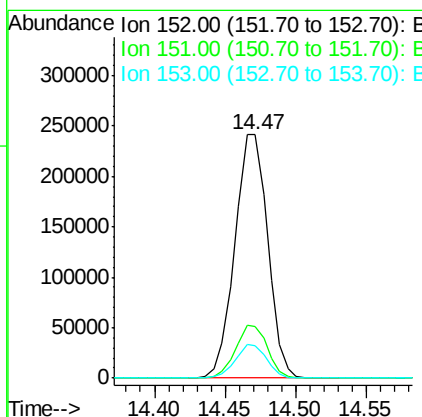
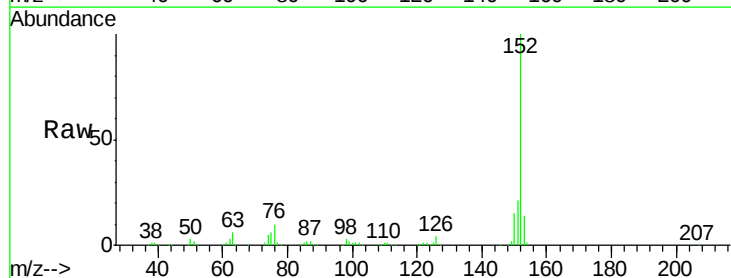
Instrument :
BNA_G
ClientSampleId :
PB87054BS

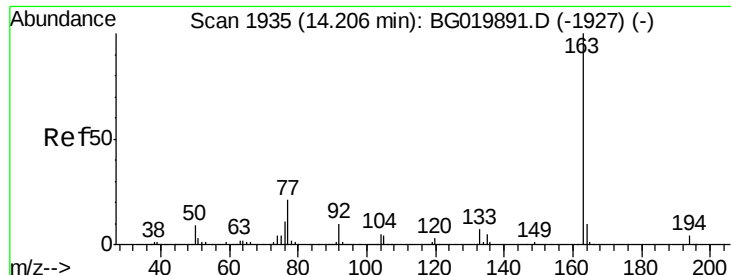
Tgt Ion: 65 Resp: 87796
Ion Ratio Lower Upper
65 100
92 63.3 54.8 82.2
138 93.9 89.6 134.4



#48
Acenaphthylene
Concen: 22.87 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion: 152 Resp: 392630
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.4
153 13.5 10.4 15.6





#49

Dimethylphthalate

Concen: 22.67 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

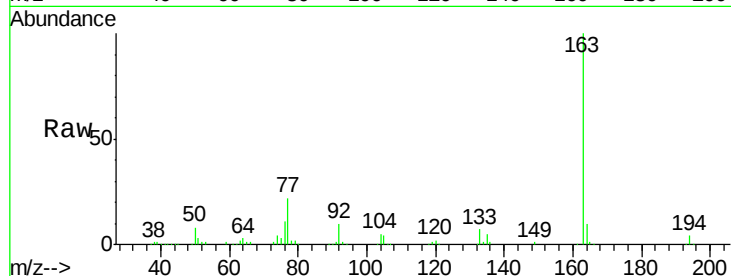
Tgt Ion:163 Resp: 324826

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

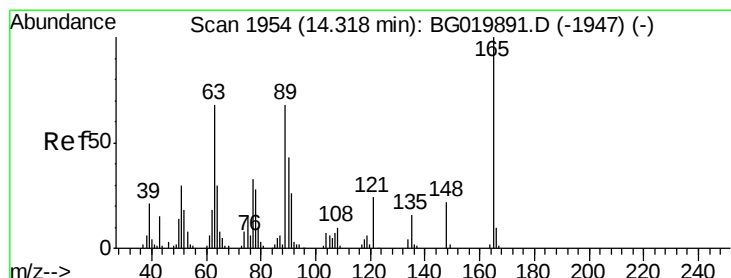
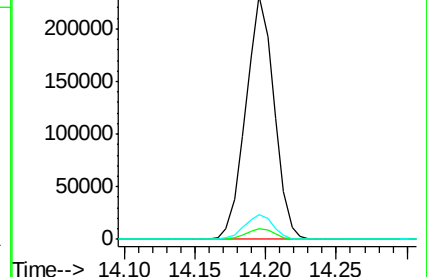
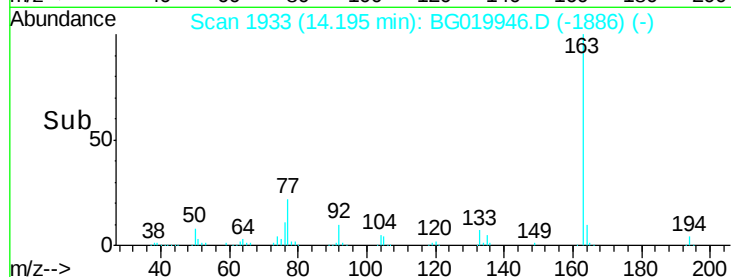
164 10.2 8.8 13.2



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: 26.45 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

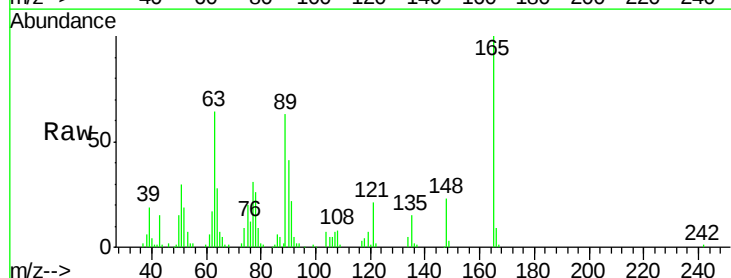
Tgt Ion:165 Resp: 71259

Ion Ratio Lower Upper

165 100

63 63.6 35.7 53.5#

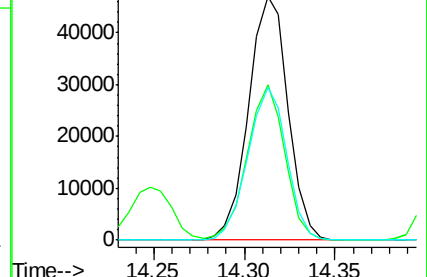
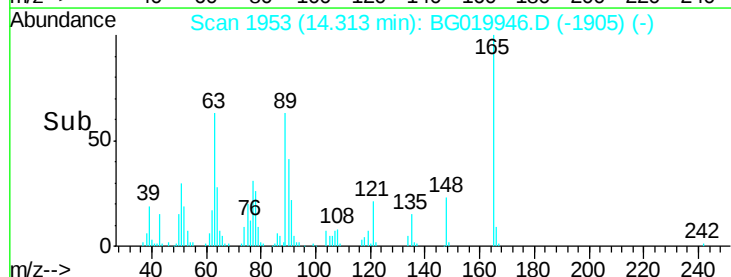
89 62.8 39.7 59.5#

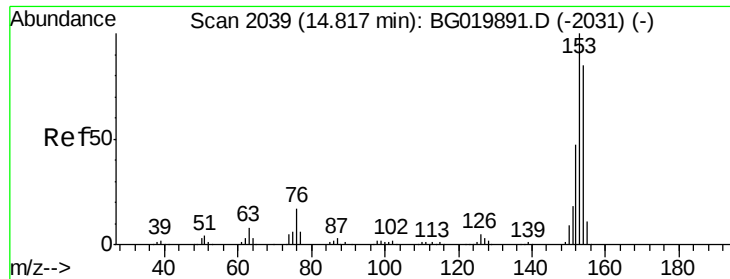


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 23.17 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

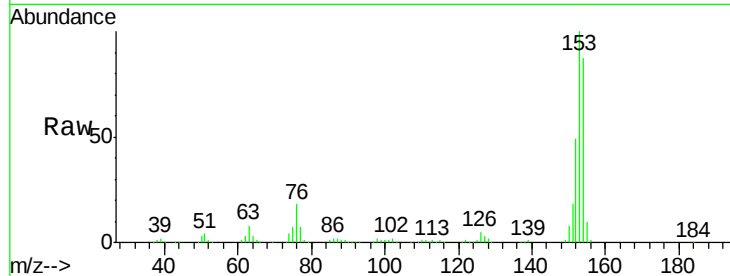
Tgt Ion:154 Resp: 241287

Ion Ratio Lower Upper

154 100

153 114.5 92.9 139.3

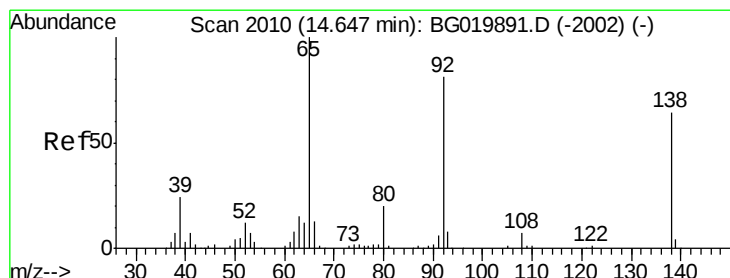
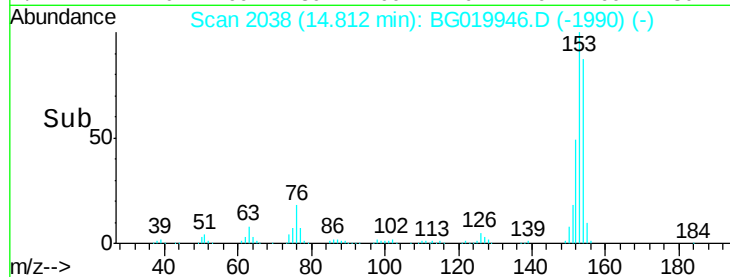
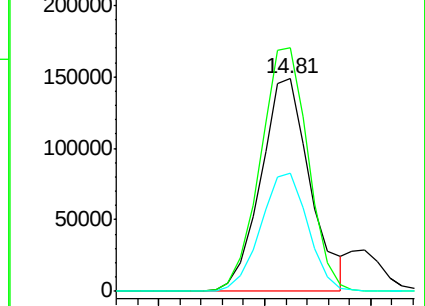
152 55.7 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.02 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

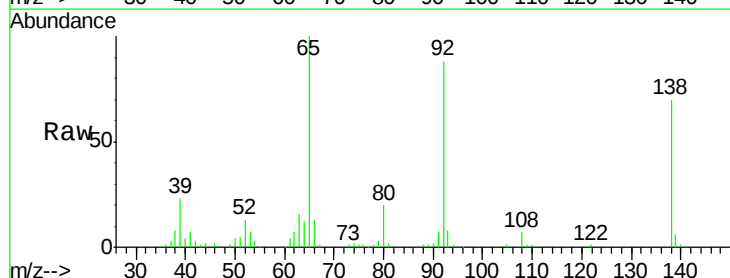
Tgt Ion:138 Resp: 47655

Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

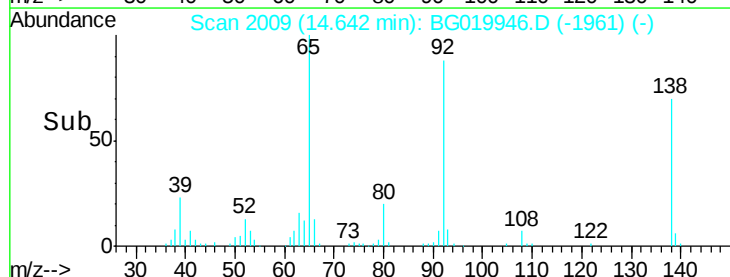
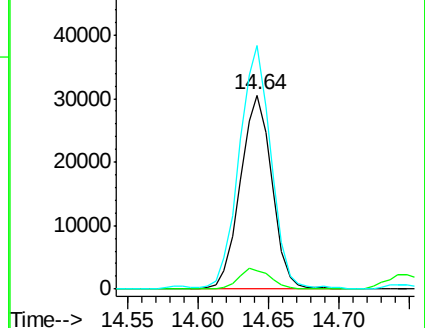
92 125.5 94.2 141.4

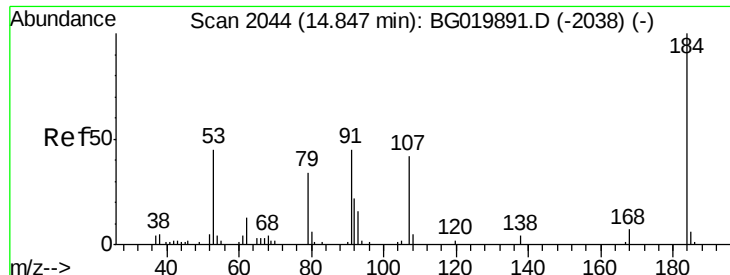


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

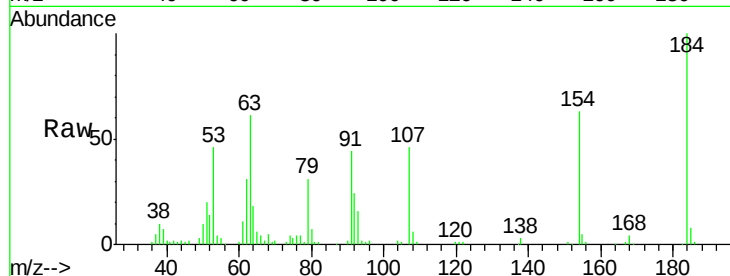




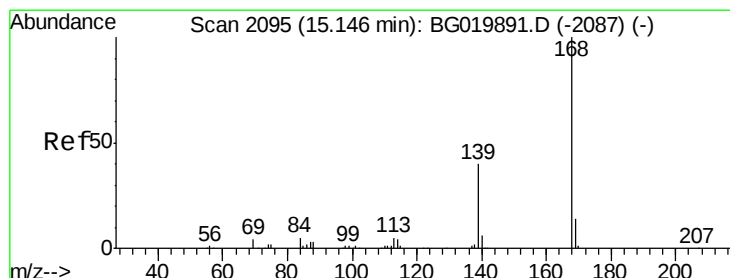
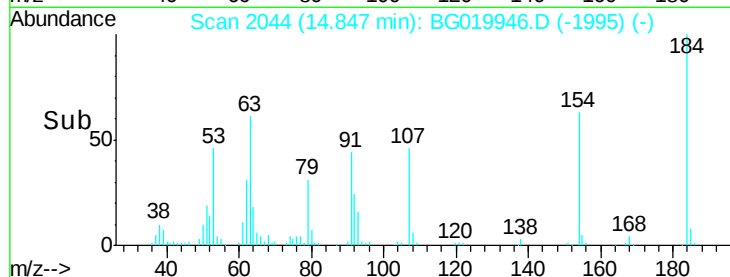
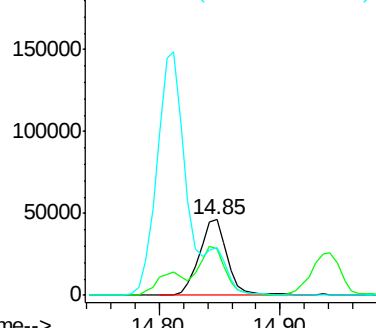
#53
2,4-Dinitrophenol
Concen: 55.24 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tgt Ion:184 Resp: 74558
Ion Ratio Lower Upper
184 100
63 61.5 42.7 64.1
154 63.0 44.3 66.5

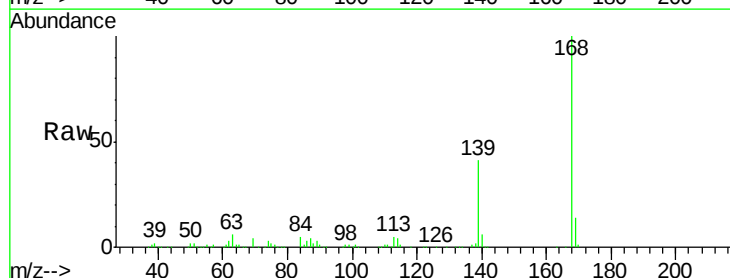


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

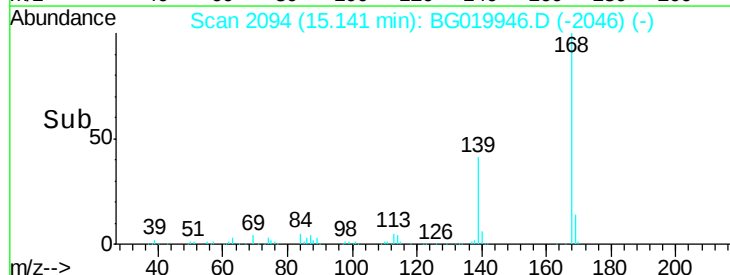
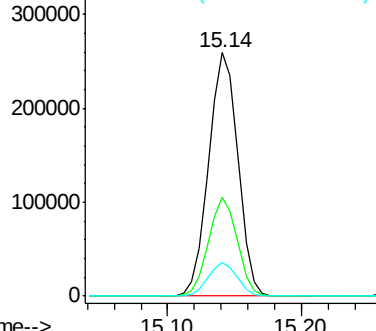


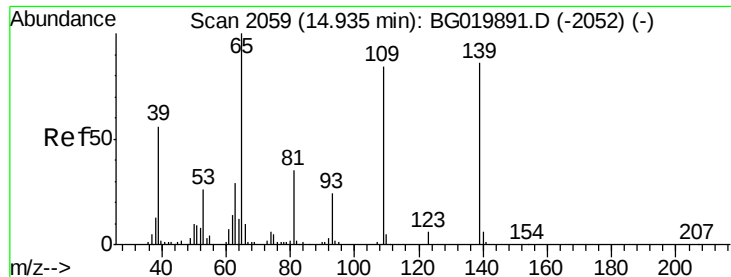
#54
Dibenzofuran
Concen: 25.29 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:168 Resp: 391826
Ion Ratio Lower Upper
168 100
139 40.9 27.4 41.0
169 13.7 11.0 16.4



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

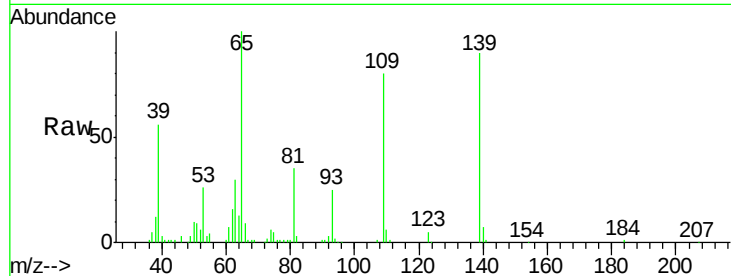




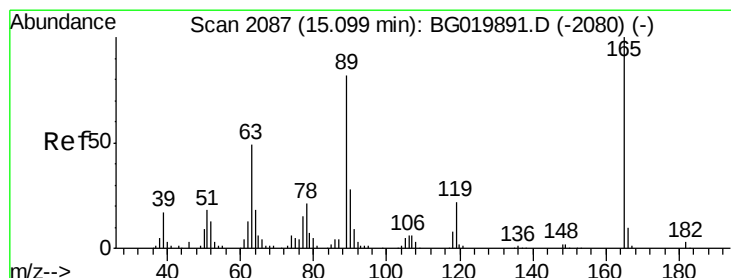
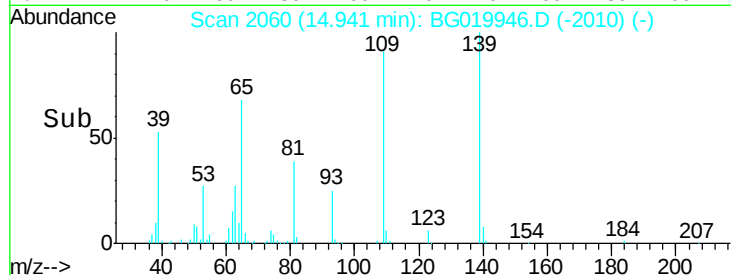
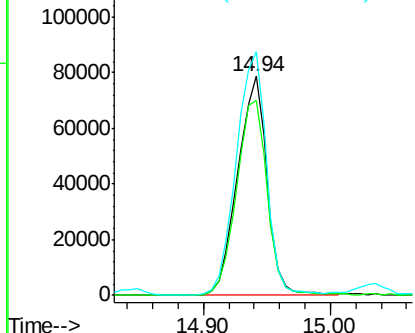
#55
4-Nitrophenol
Concen: 51.79 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tgt Ion:139 Resp: 126257
Ion Ratio Lower Upper
139 100
109 89.1 43.2 83.2#
65 111.2 67.8 107.8#



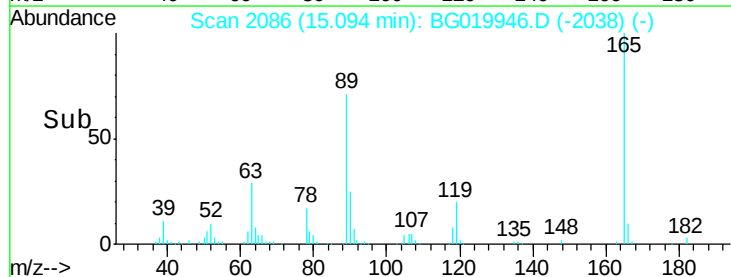
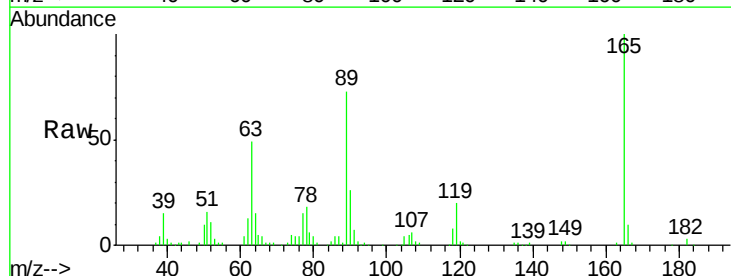
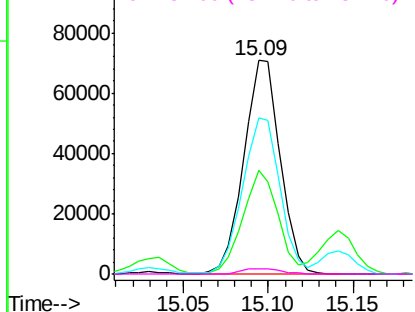
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

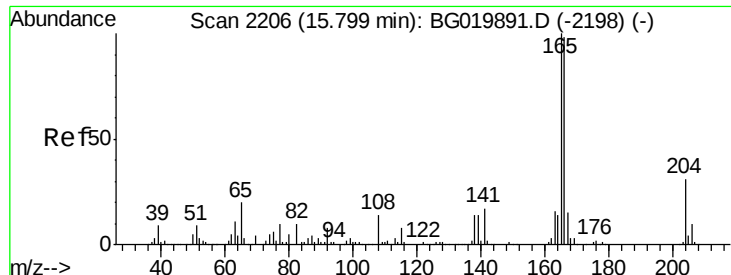


#56
2,4-Dinitrotoluene
Concen: 28.25 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:165 Resp: 106190
Ion Ratio Lower Upper
165 100
63 48.6 31.0 46.4#
89 73.3 54.4 81.6
182 2.6 1.6 2.4#

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

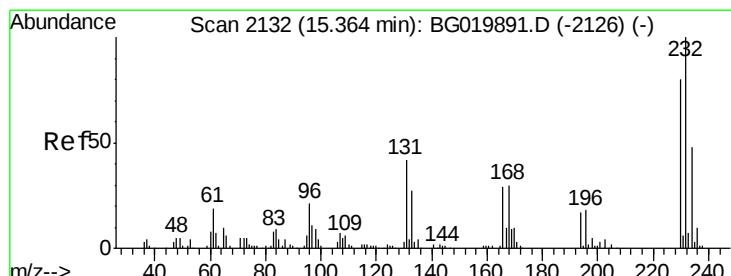
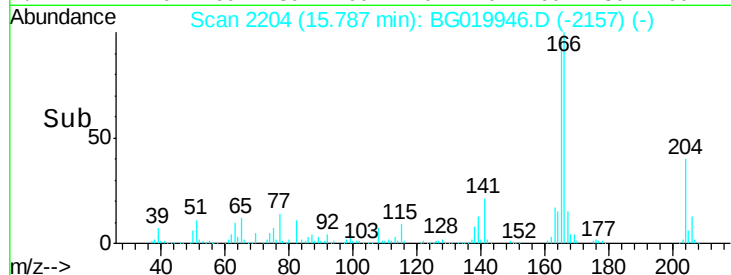
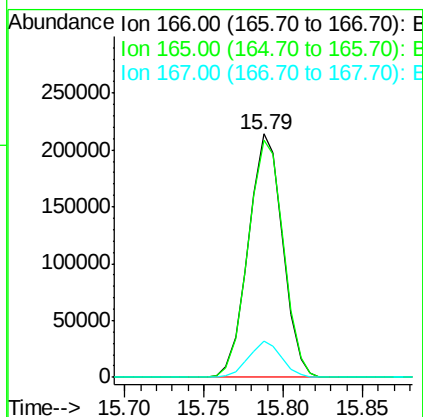
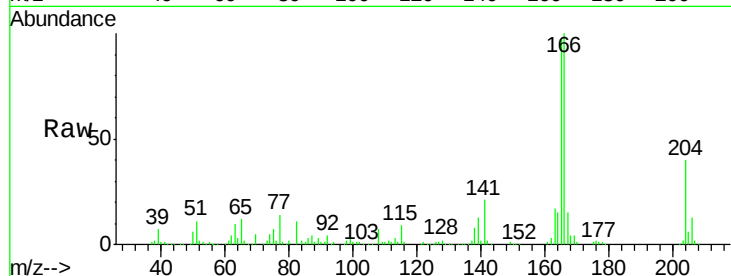




#57
Fluorene
 Concen: 23.21 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

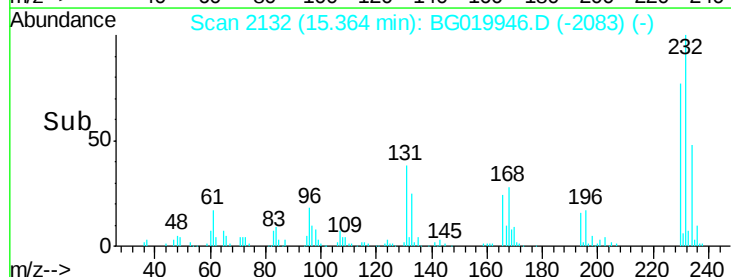
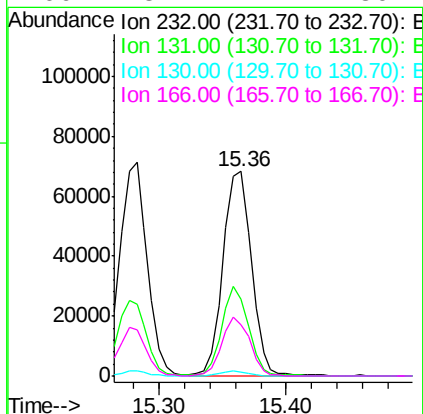
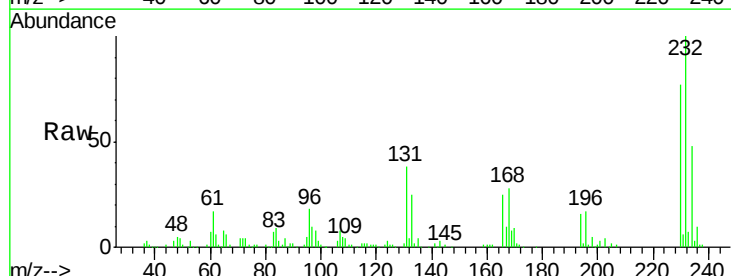
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

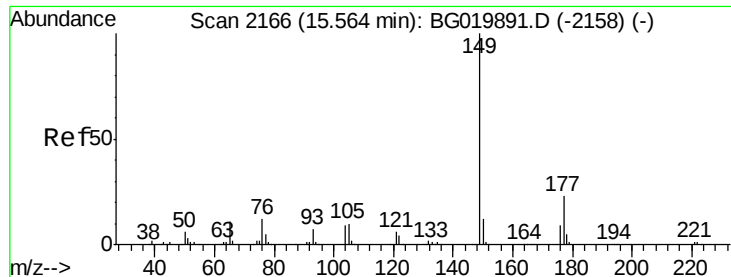
Tgt Ion:166 Resp: 321848
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.0 120.0
 167 14.7 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 27.14 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:232 Resp: 106269
 Ion Ratio Lower Upper
 232 100
 131 41.4 33.0 49.6
 130 2.3 2.0 3.0
 166 28.1 24.1 36.1

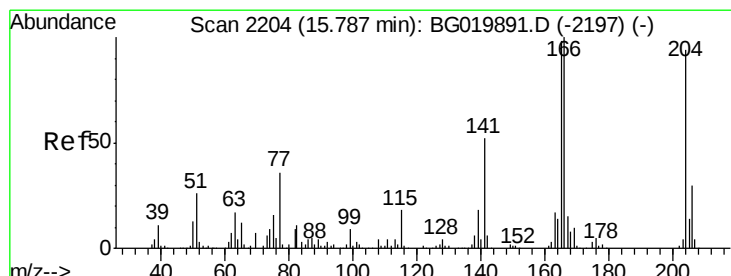
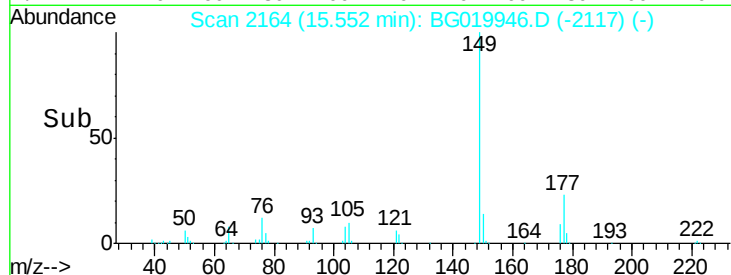
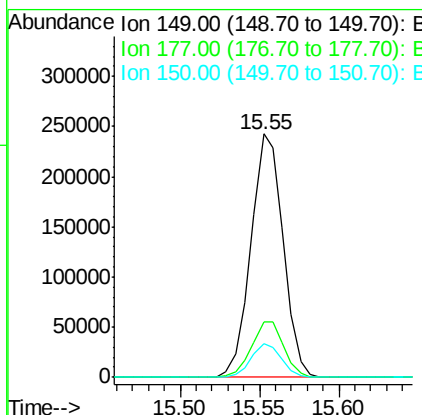
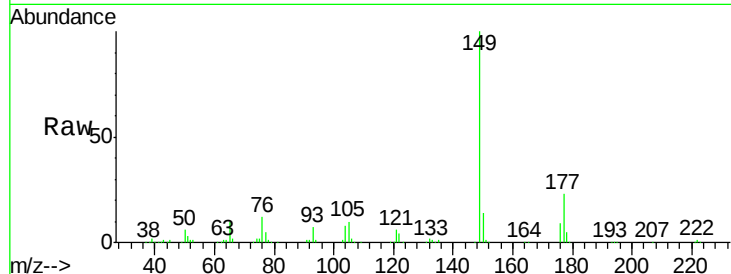




#59
Diethylphthalate
Concen: 22.09 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

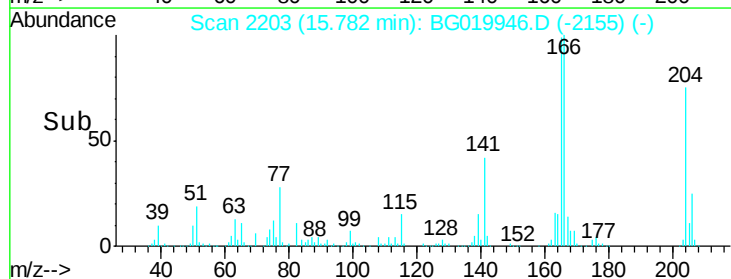
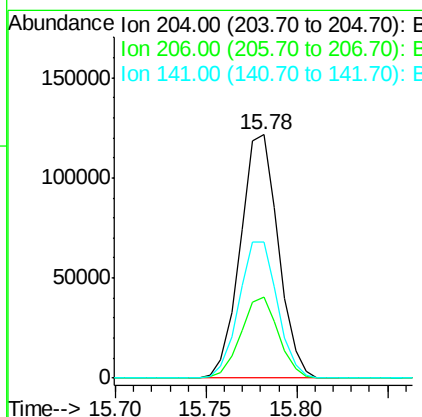
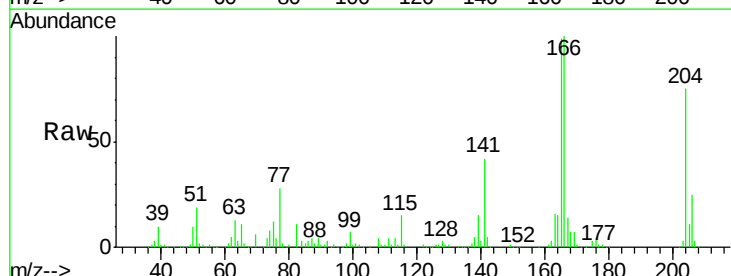
Instrument :
BNA_G
ClientSampleId :
PB87054BS

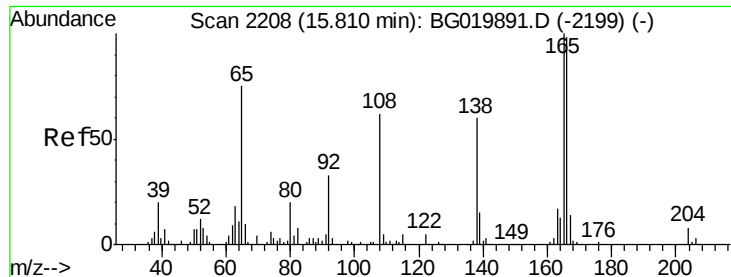
Tgt Ion:149 Resp: 342545
Ion Ratio Lower Upper
149 100
177 22.9 19.6 29.4
150 13.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 22.13 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:204 Resp: 176265
Ion Ratio Lower Upper
204 100
206 33.3 28.3 42.5
141 56.1 44.0 66.0

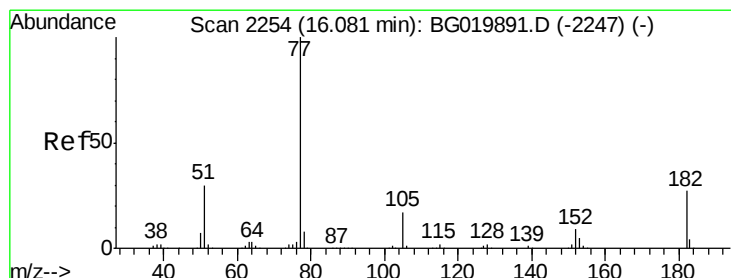
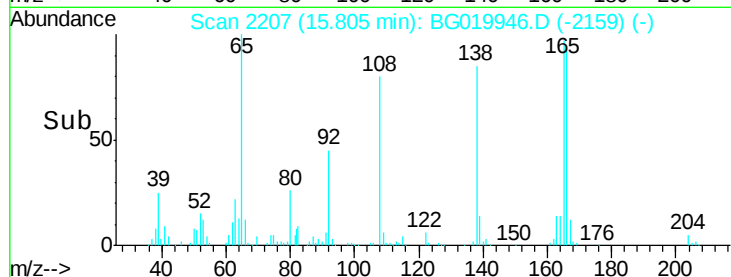
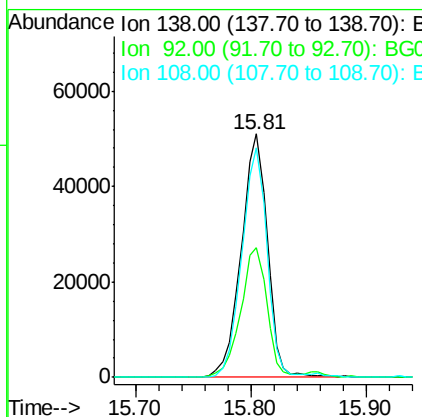
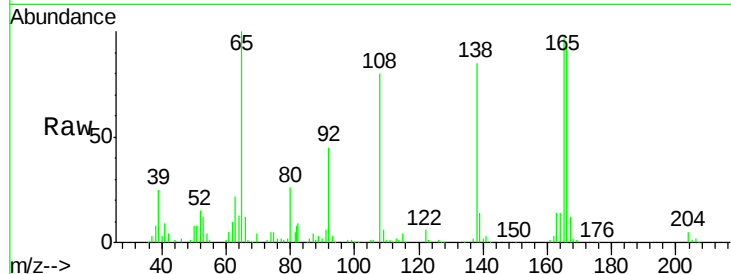




#61
4-Nitroaniline
Concen: 25.62 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

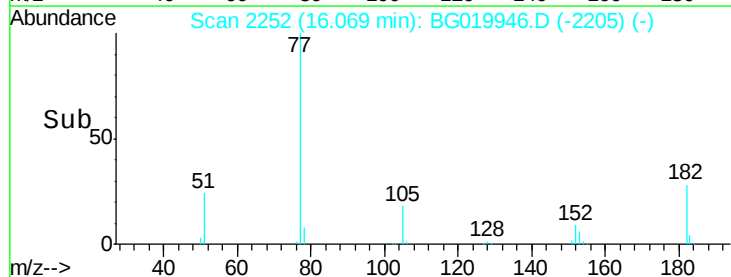
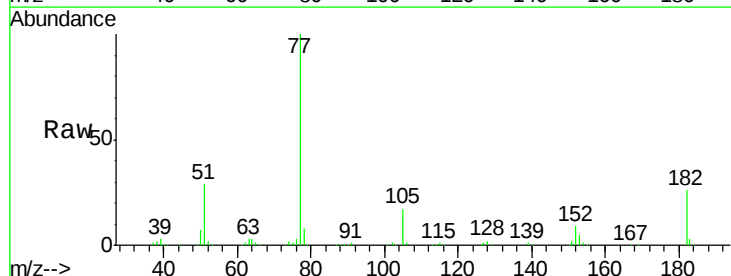
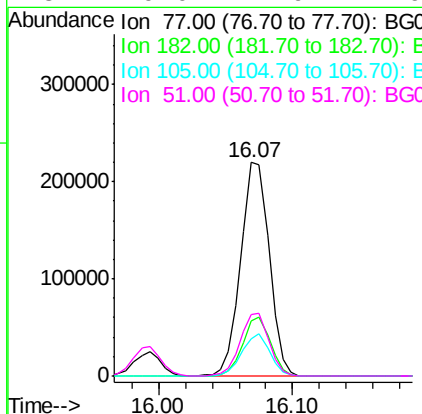
Instrument :
BNA_G
ClientSampleId :
PB87054BS

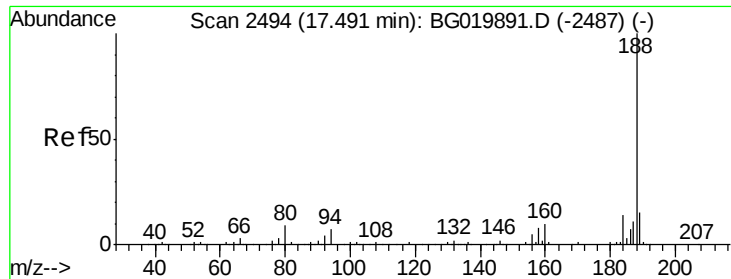
Tgt Ion:138 Resp: 80657
Ion Ratio Lower Upper
138 100
92 53.2 29.1 69.1
108 94.5 49.8 89.8#



#62
Azobenzene
Concen: 25.22 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion: 77 Resp: 325494
Ion Ratio Lower Upper
77 100
182 26.0 7.0 47.0
105 17.3 1.4 41.4
51 29.0 4.9 44.9

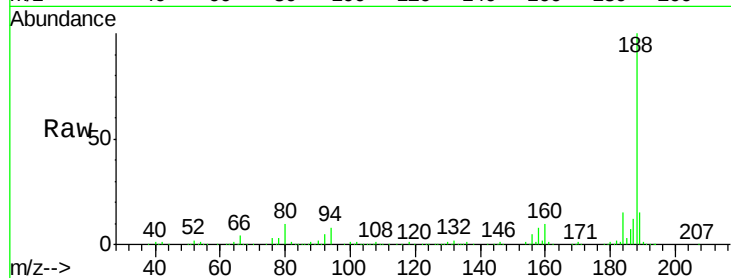




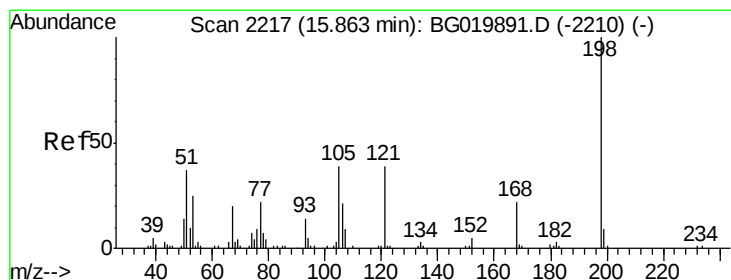
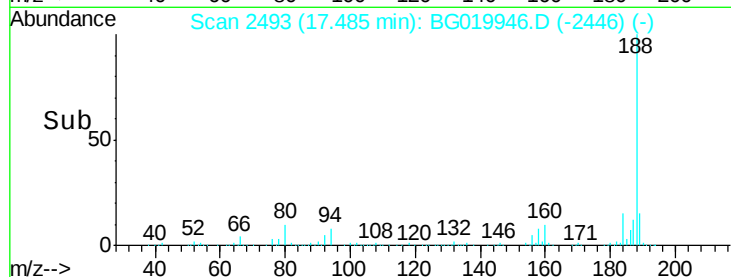
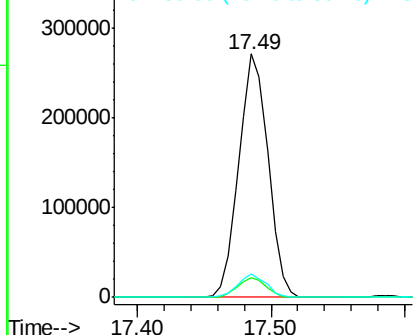
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tgt Ion:188 Resp: 410857
Ion Ratio Lower Upper
188 100
94 8.0 7.7 11.5
80 9.6 7.8 11.8

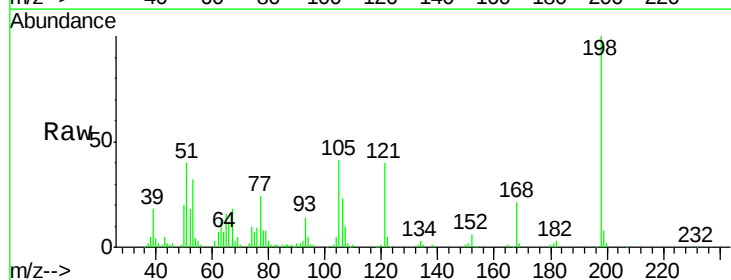


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

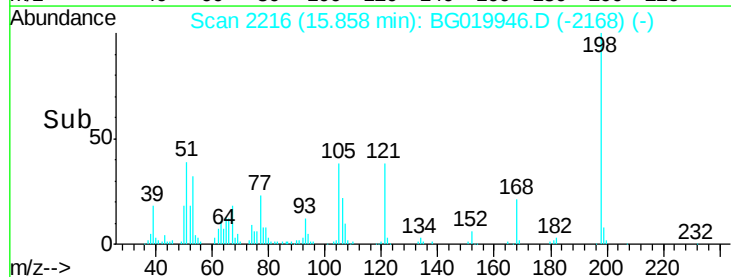
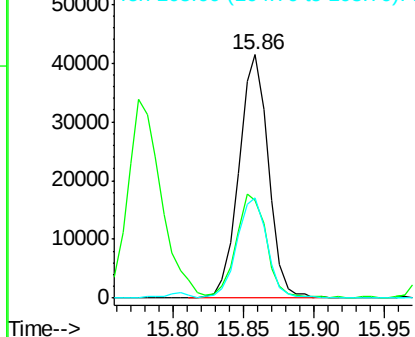


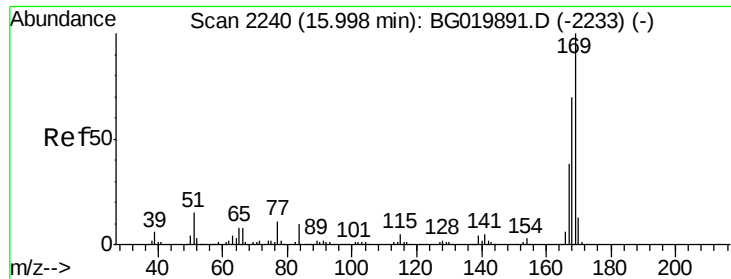
#64
4,6-Dinitro-2-methylphenol
Concen: 28.92 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:198 Resp: 60322
Ion Ratio Lower Upper
198 100
51 40.1 14.2 54.2
105 41.2 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

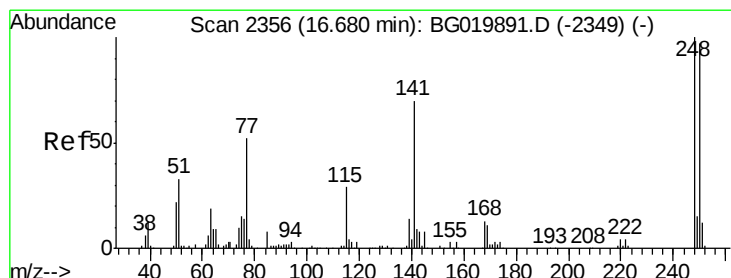
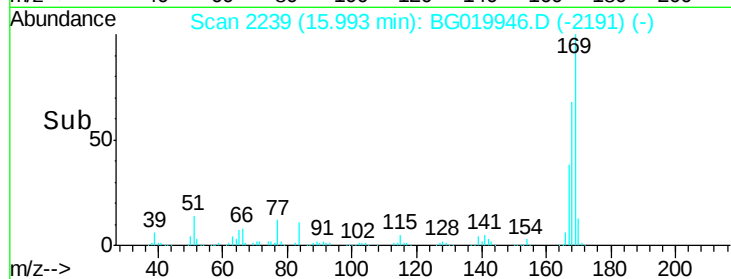
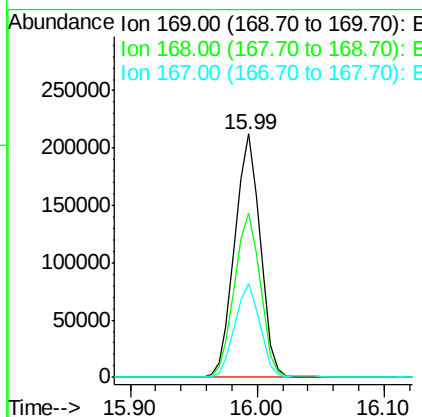
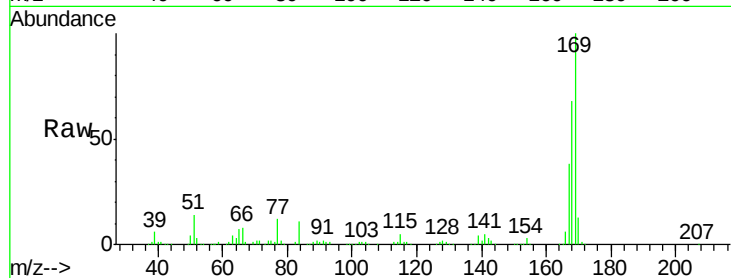




#65
 n-Nitrosodiphenylamine
 Concen: 24.74 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

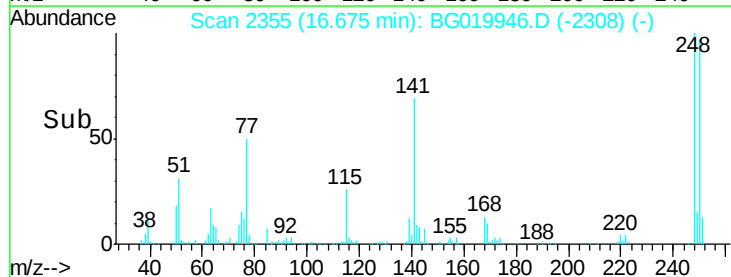
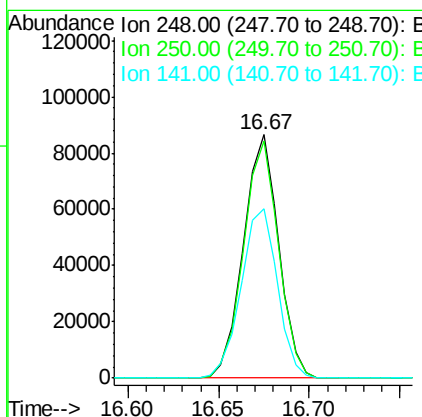
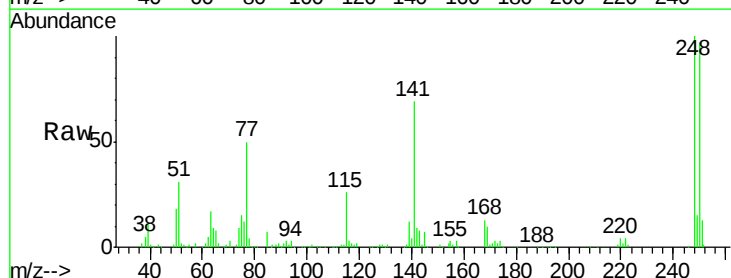
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

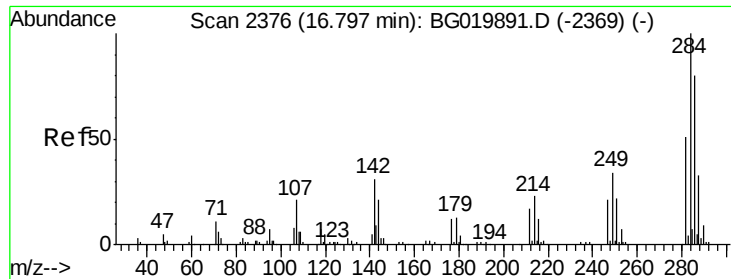
Tgt Ion:169 Resp: 294136
 Ion Ratio Lower Upper
 169 100
 168 67.6 58.2 87.2
 167 38.5 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 22.89 ng
 RT: 16.67 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:248 Resp: 116878
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.8 116.8
 141 69.4 50.4 75.6





#67

Hexachlorobenzene

Concen: 24.17 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampled :

PB87054BS

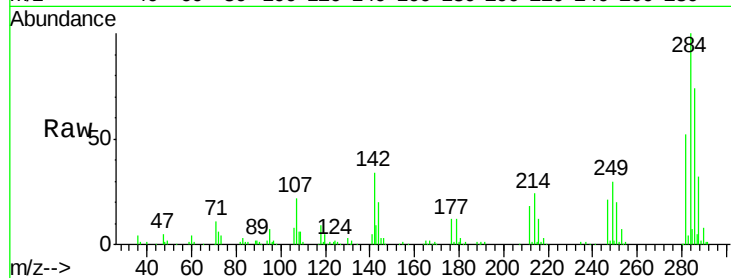
Tgt Ion:284 Resp: 128545

Ion Ratio Lower Upper

284 100

142 33.9 26.6 39.8

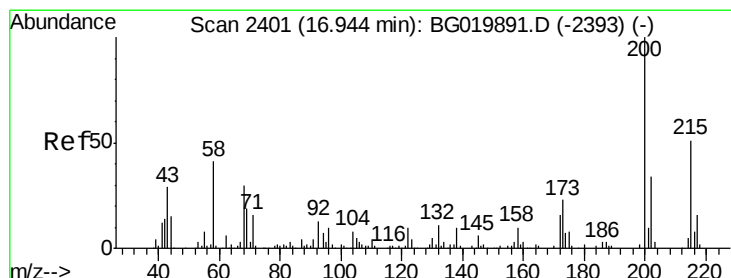
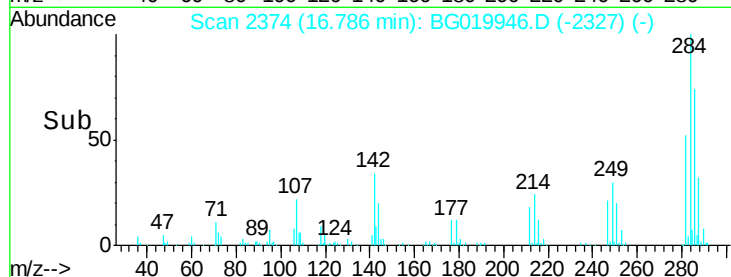
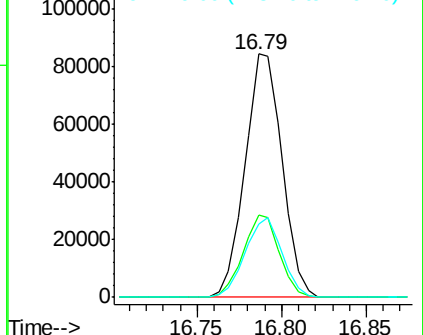
249 32.3 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 24.50 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

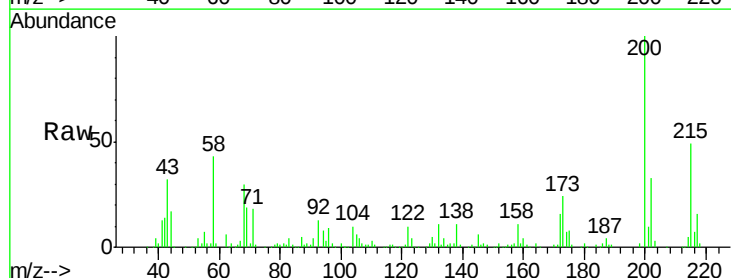
Tgt Ion:200 Resp: 126576

Ion Ratio Lower Upper

200 100

173 24.2 5.2 45.2

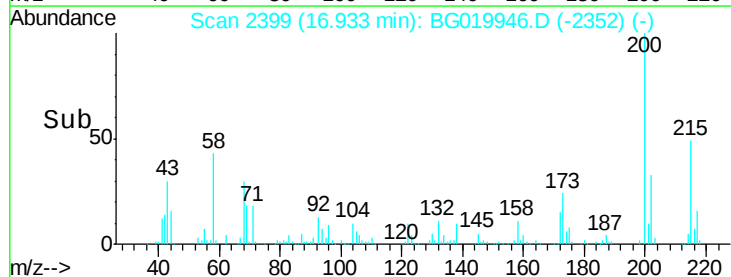
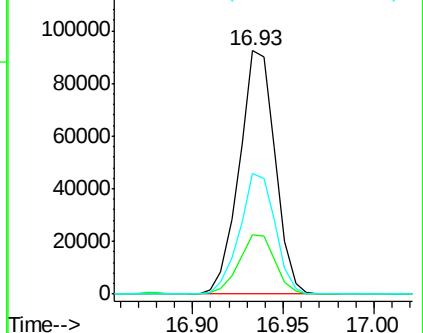
215 49.5 27.0 67.0

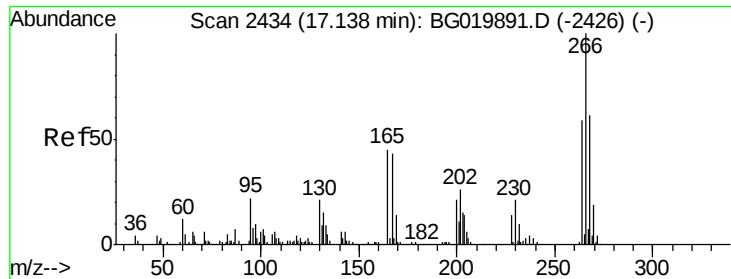


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

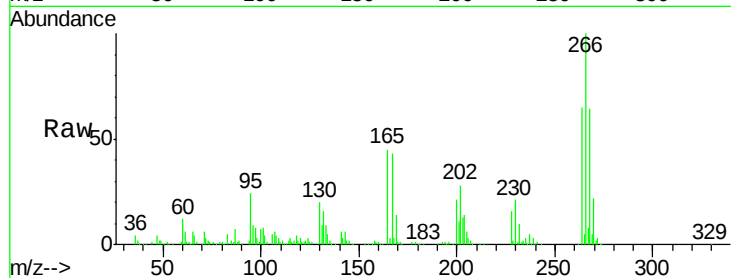




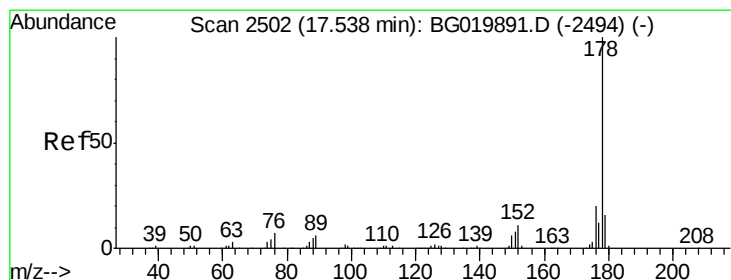
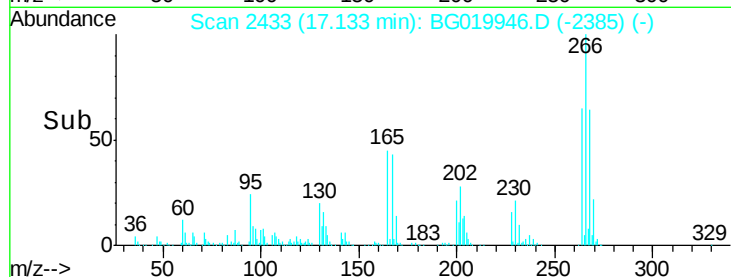
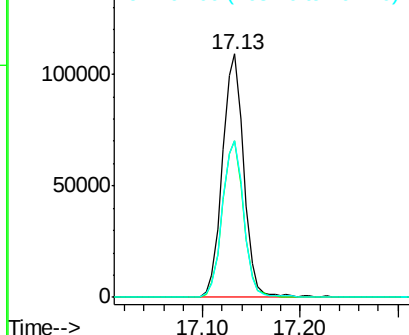
#69
 Pentachlorophenol
 Concen: 53.41 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tgt Ion:266 Resp: 165775
 Ion Ratio Lower Upper
 266 100
 268 64.4 47.6 71.4
 264 64.5 48.1 72.1

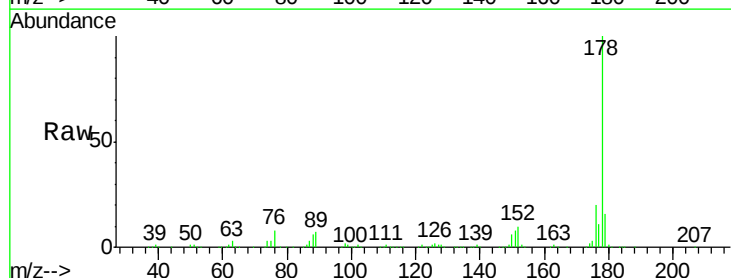


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

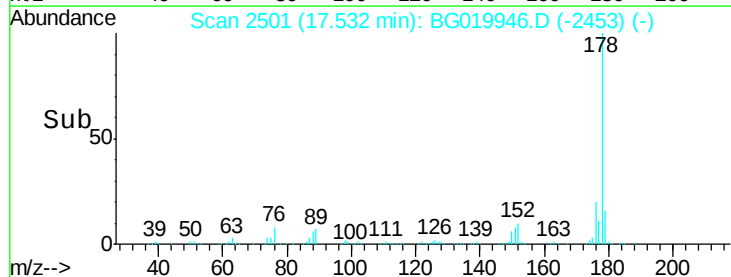
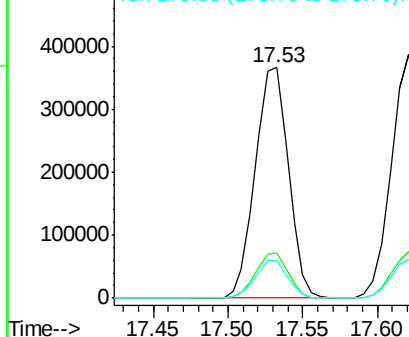


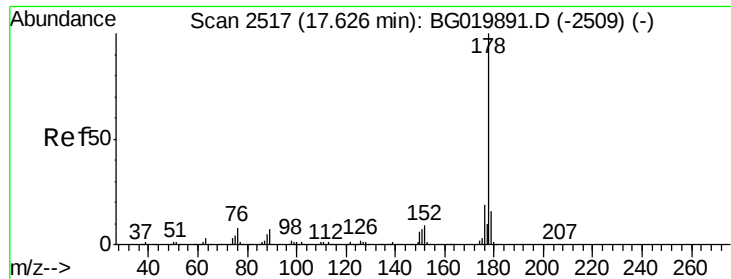
#70
 Phenanthrene
 Concen: 24.15 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:178 Resp: 561462
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.7 25.1
 179 16.4 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

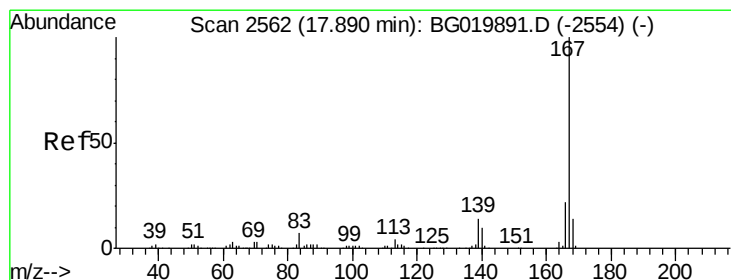
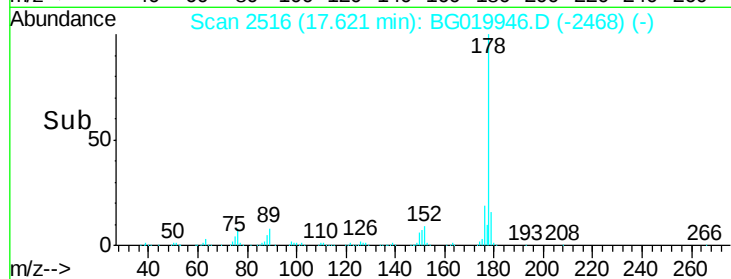
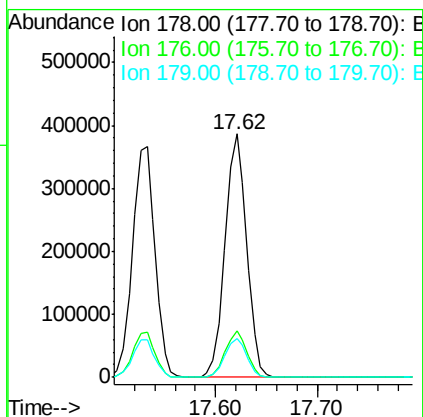
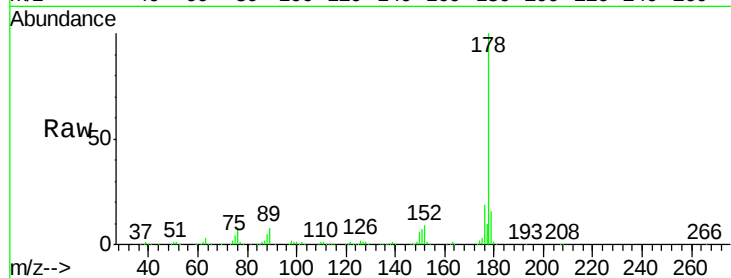




#71
 Anthracene
 Concen: 24.10 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

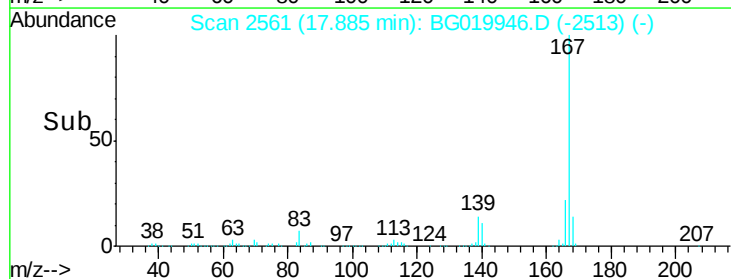
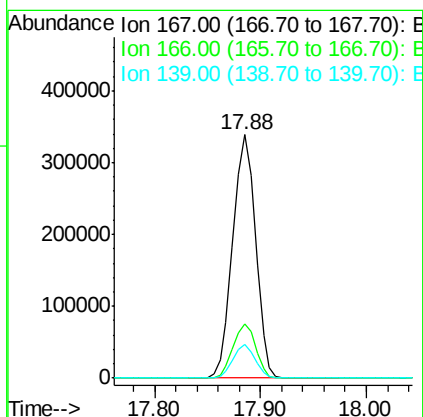
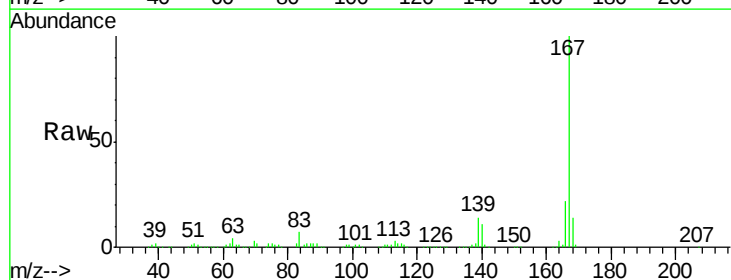
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

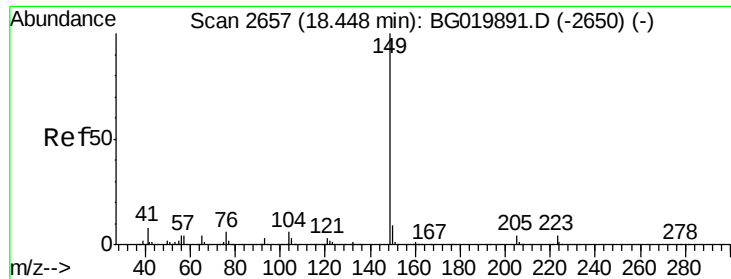
Tgt Ion:178 Resp: 570613
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.8 25.2
 179 15.9 13.9 20.9



#72
 Carbazole
 Concen: 24.35 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:167 Resp: 507806
 Ion Ratio Lower Upper
 167 100
 166 22.1 19.0 28.6
 139 14.1 10.2 15.4

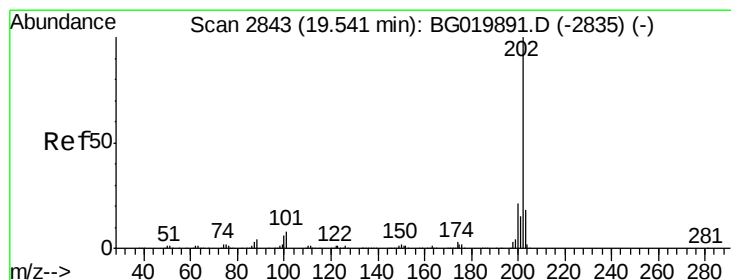
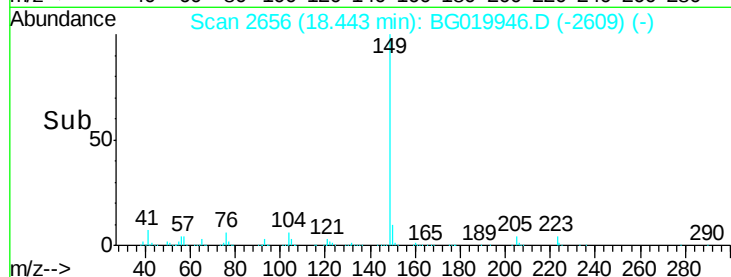
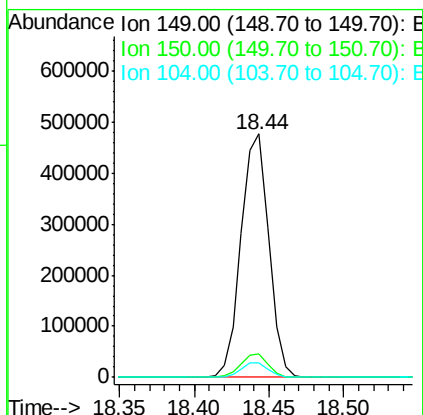
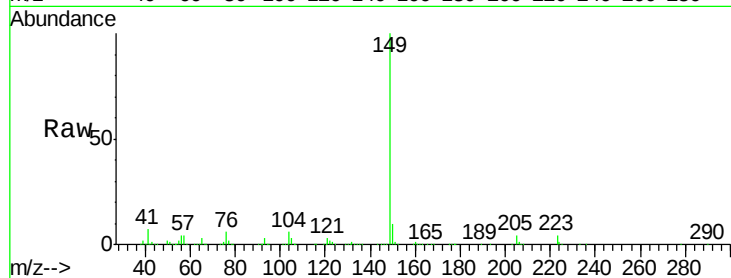




#73
Di-n-butylphthalate
Concen: 24.07 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

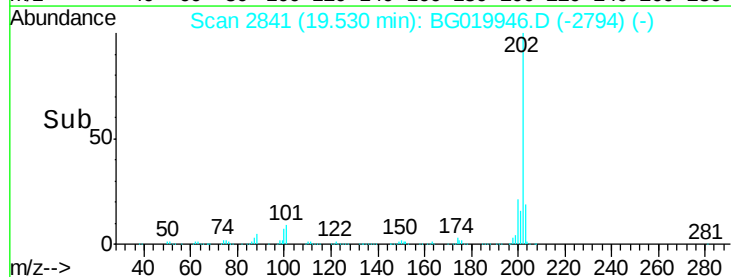
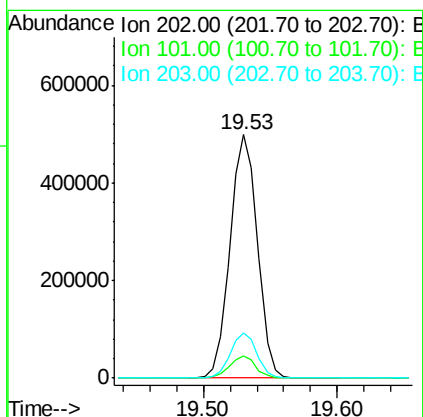
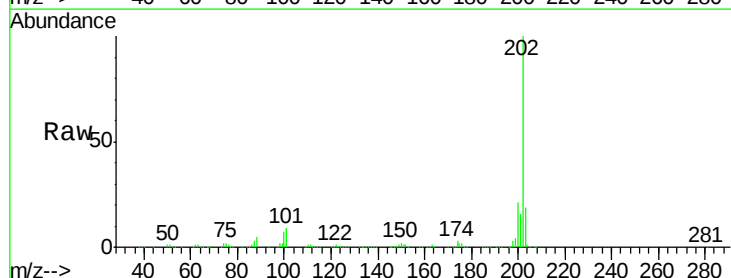
Instrument :
BNA_G
ClientSampleId :
PB87054BS

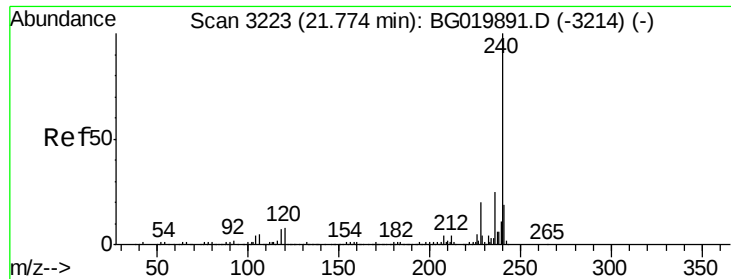
Tgt Ion:149 Resp: 615409
Ion Ratio Lower Upper
149 100
150 9.9 8.2 12.4
104 5.8 4.4 6.6



#74
Fluoranthene
Concen: 23.90 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:202 Resp: 710697
Ion Ratio Lower Upper
202 100
101 9.0 0.0 32.4
203 18.8 0.0 39.5

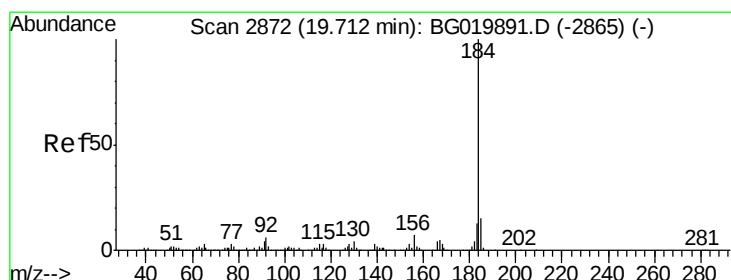
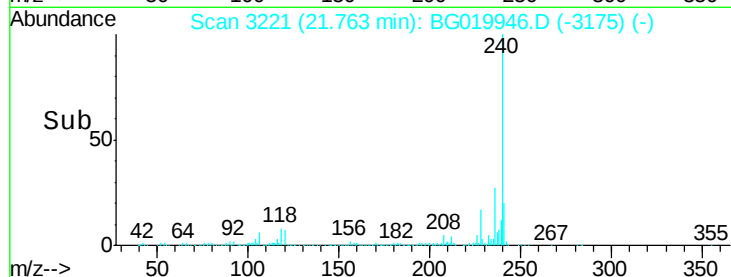
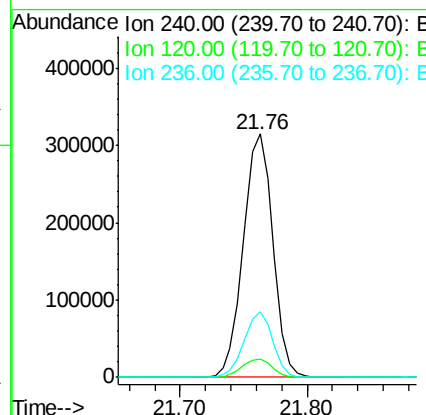
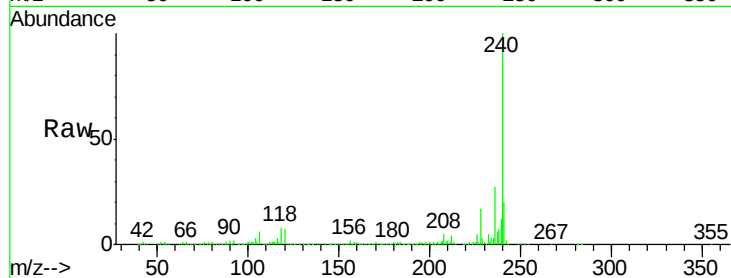




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

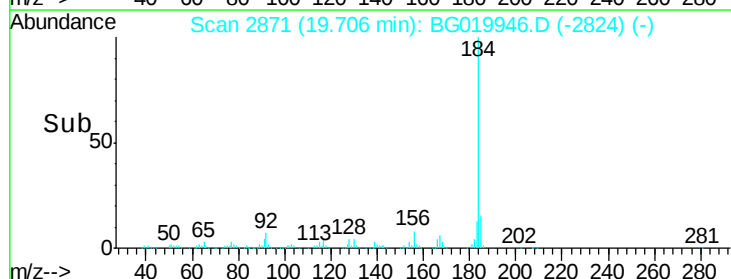
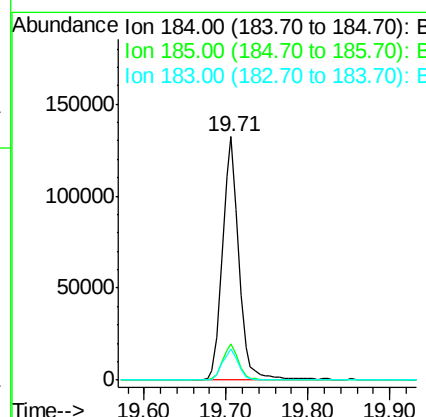
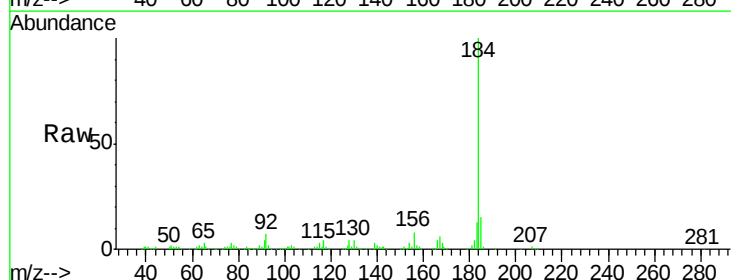
Instrument :
BNA_G
ClientSampleId :
PB87054BS

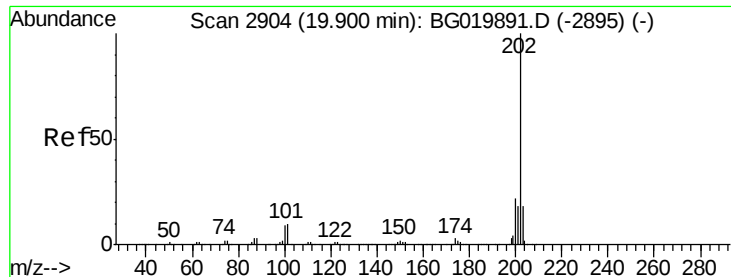
Tgt Ion:240 Resp: 508985
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 27.1 20.7 31.1



#76
Benzidine
Concen: 11.14 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion:184 Resp: 186187
Ion Ratio Lower Upper
184 100
185 15.1 13.4 20.2
183 12.6 10.1 15.1





#77

Pyrene

Concen: 24.16 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

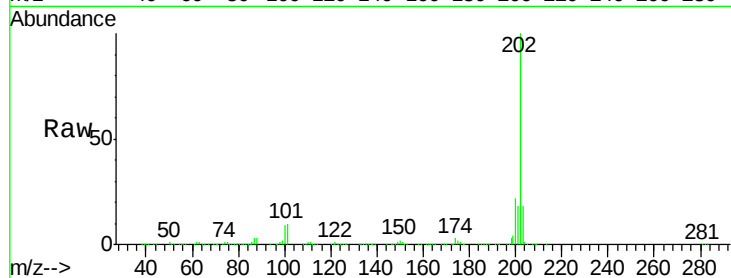
Tgt Ion:202 Resp: 723568

Ion Ratio Lower Upper

202 100

200 21.7 19.4 29.0

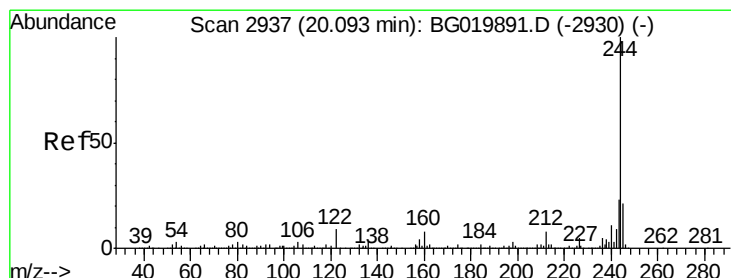
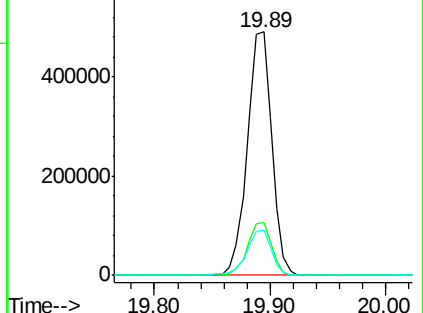
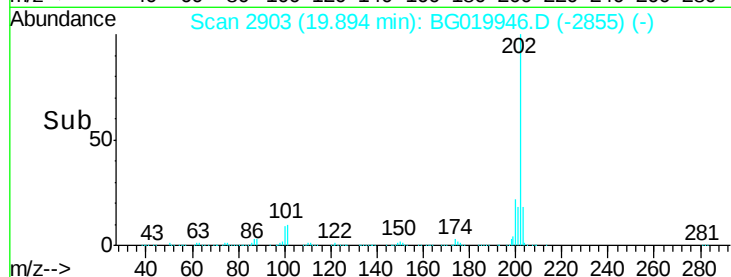
203 18.4 15.5 23.3



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: 45.82 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

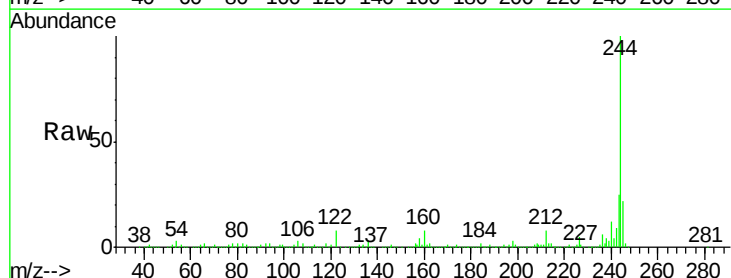
Tgt Ion:244 Resp: 956238

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

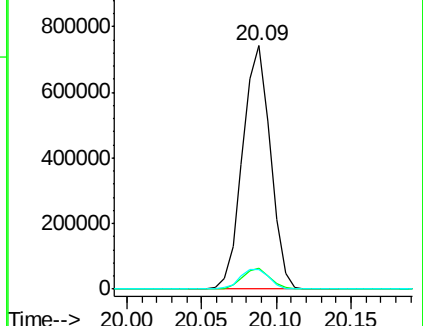
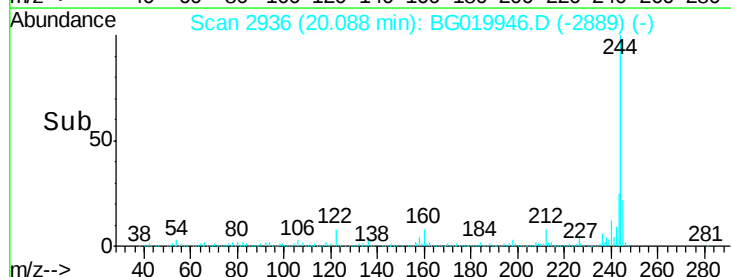
122 8.3 10.2 15.2#

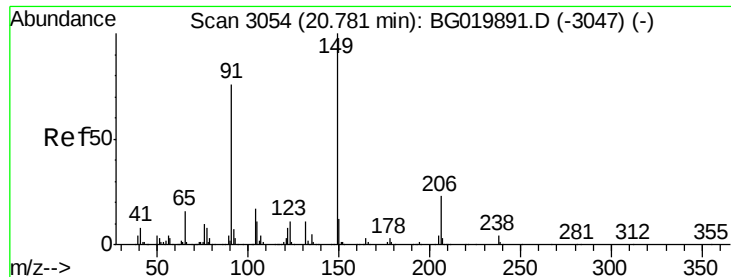


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 24.46 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.04 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

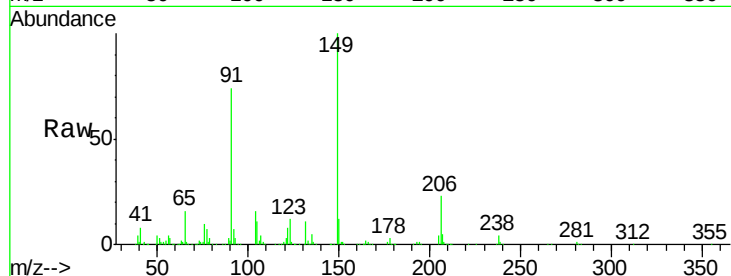
Tgt Ion:149 Resp: 287065

Ion Ratio Lower Upper

149 100

91 74.4 58.1 87.1

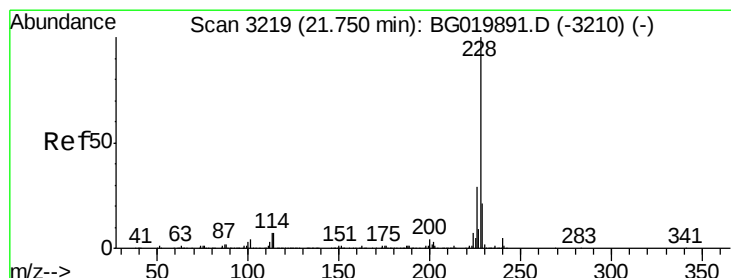
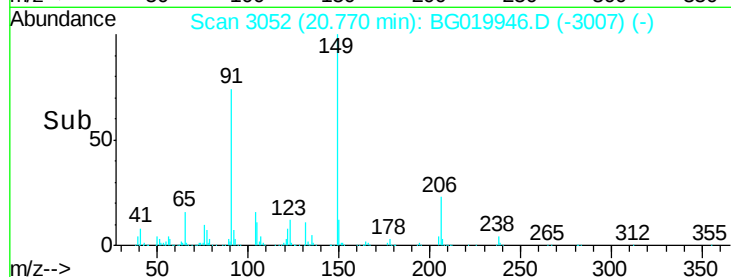
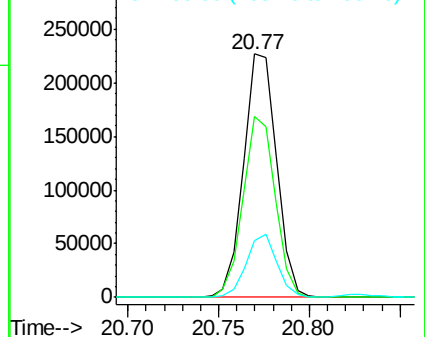
206 23.3 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.84 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.03 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

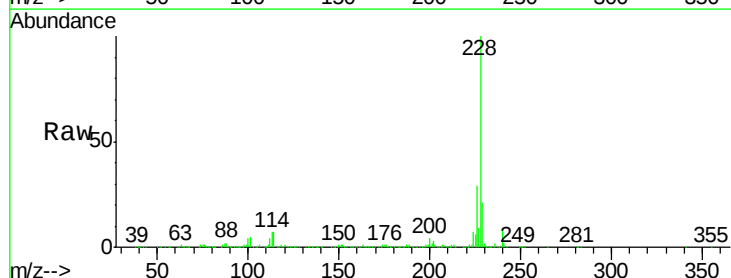
Tgt Ion:228 Resp: 742856

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.0

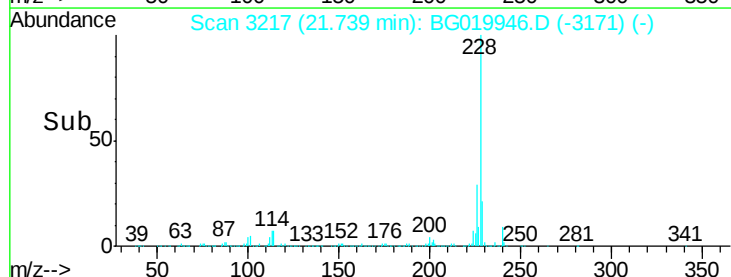
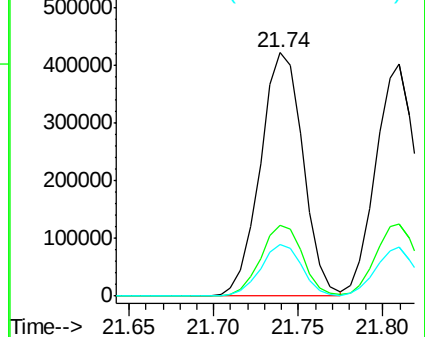
229 21.2 16.6 25.0

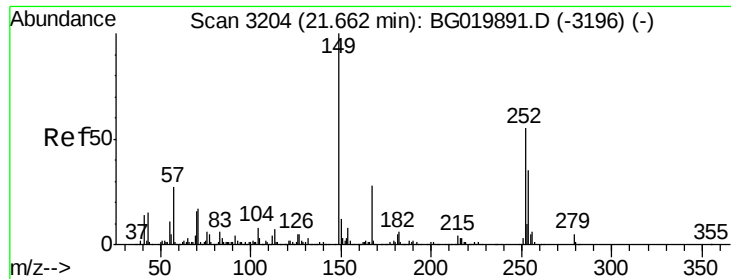


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

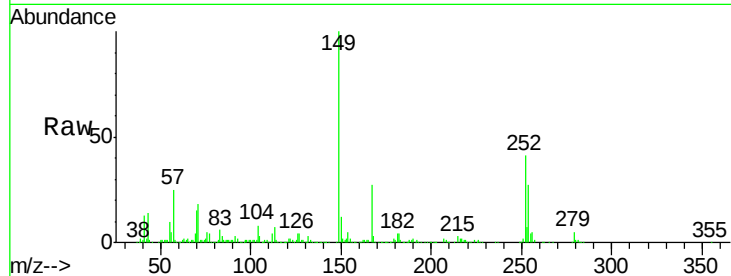




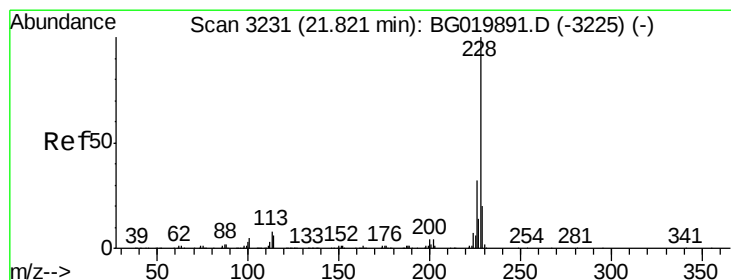
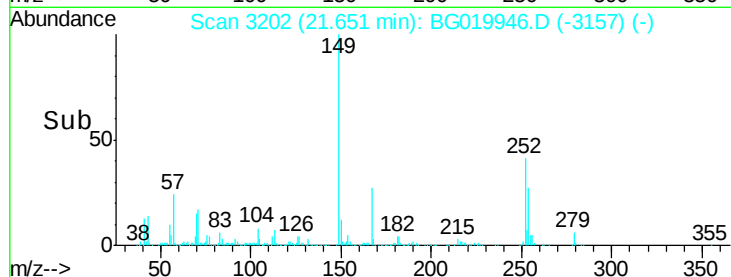
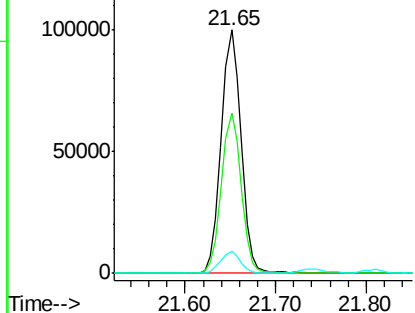
#81
 3,3'-Dichlorobenzidine
 Concen: 12.86 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.5	78.7
126	9.2	8.5	12.7

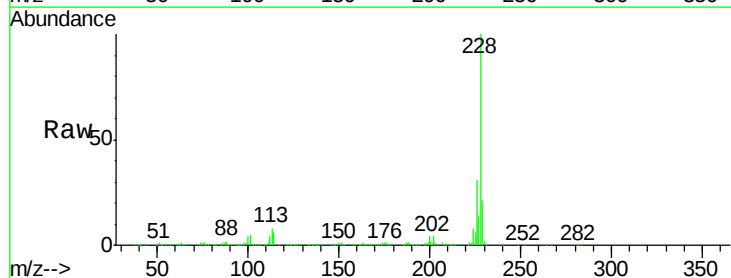


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

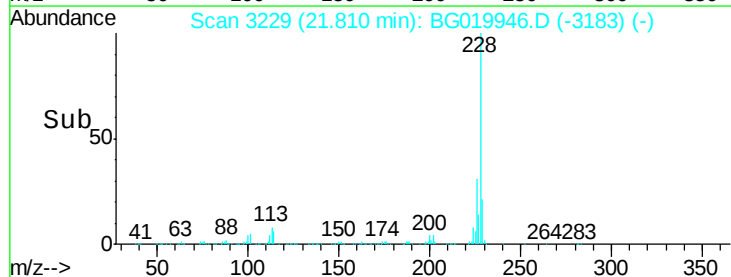
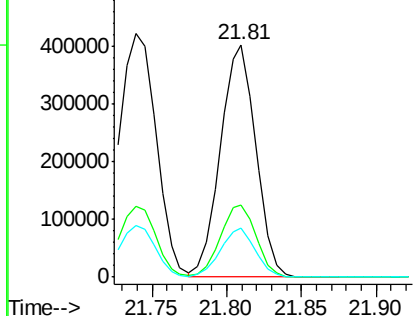


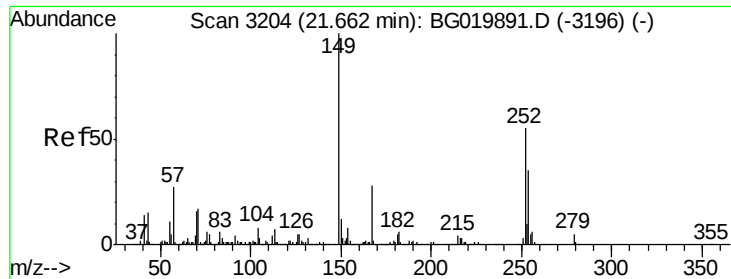
#82
 Chrysene
 Concen: 22.60 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.7	40.1
229	21.2	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

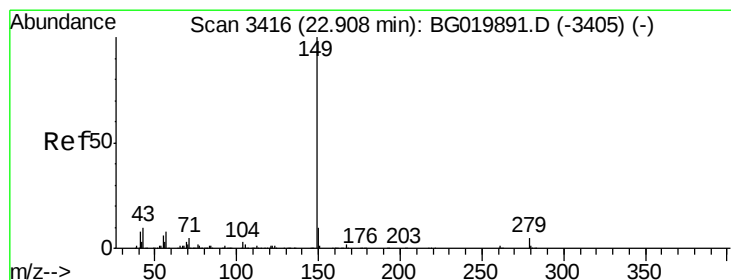
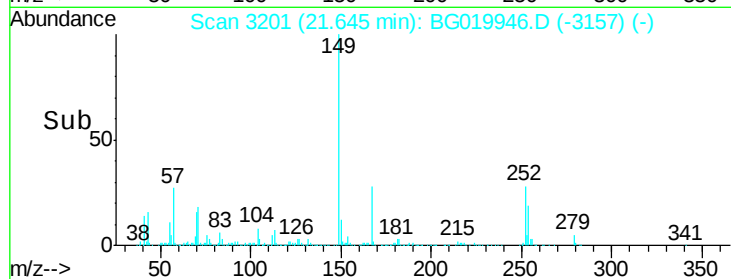
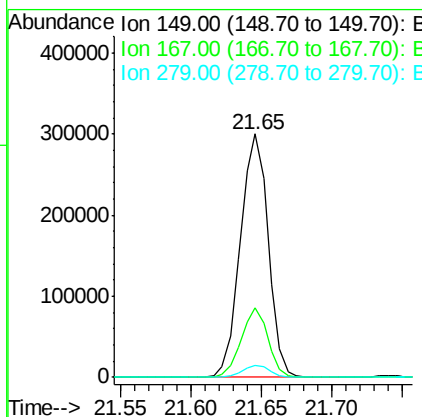
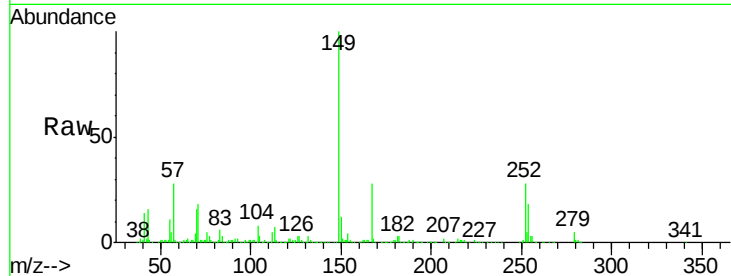




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.01 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

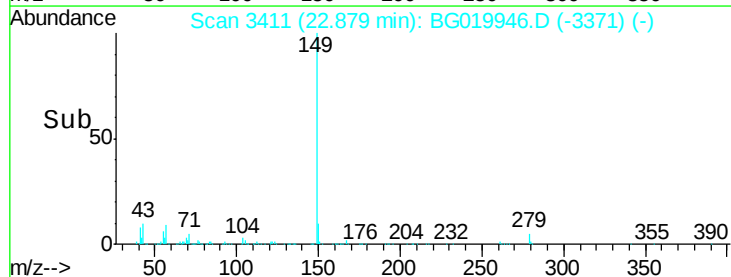
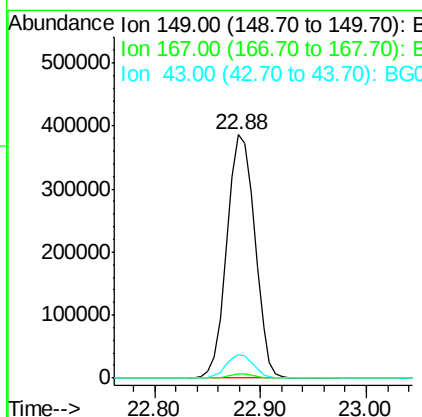
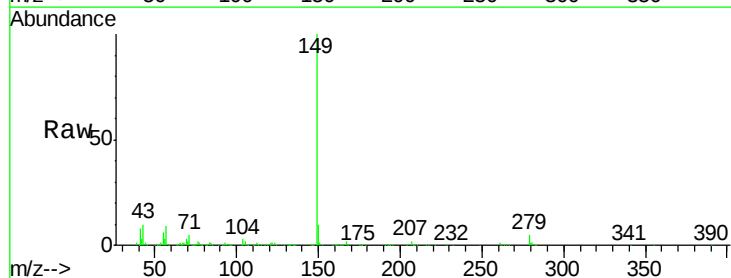
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

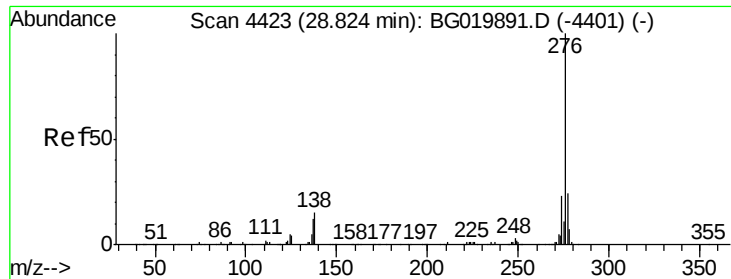
Tgt Ion:149 Resp: 413632
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.8 35.8
 279 5.0 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 25.15 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.06 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:149 Resp: 704418
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.7 5.9 8.9#

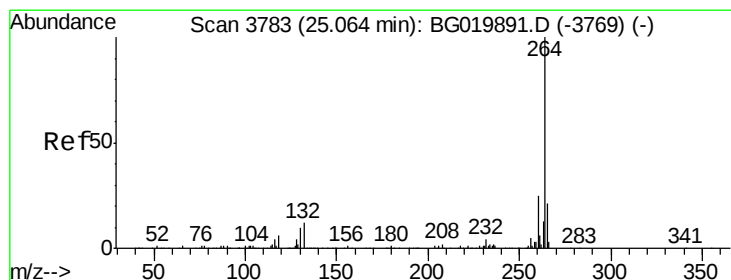
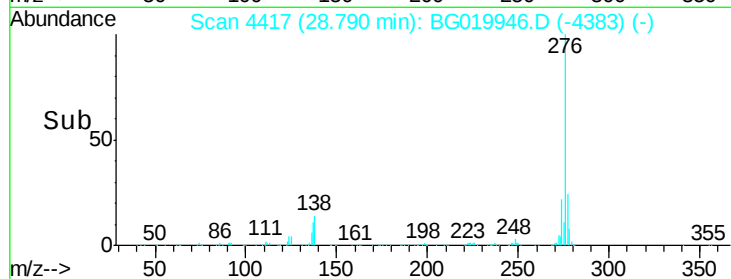
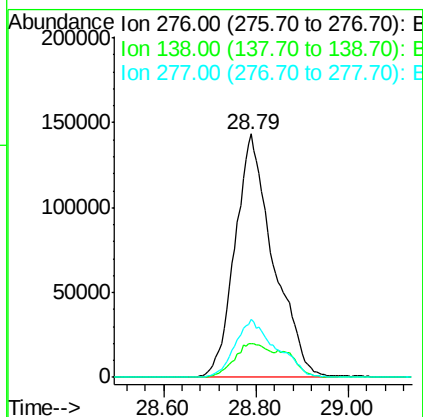
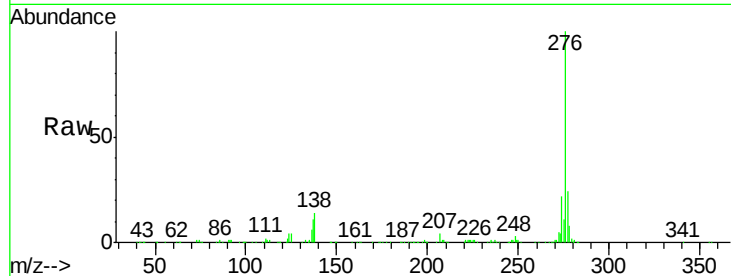




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.36 ng
 RT: 28.79 min Scan# 4417
 Delta R.T. -0.10 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

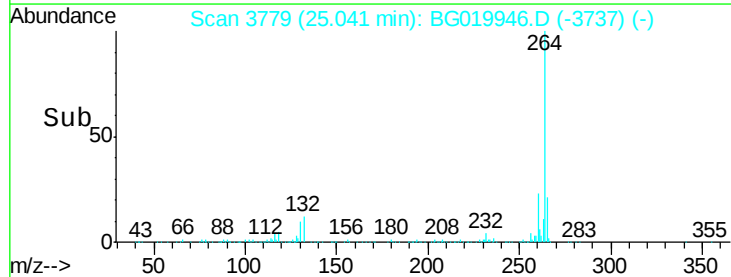
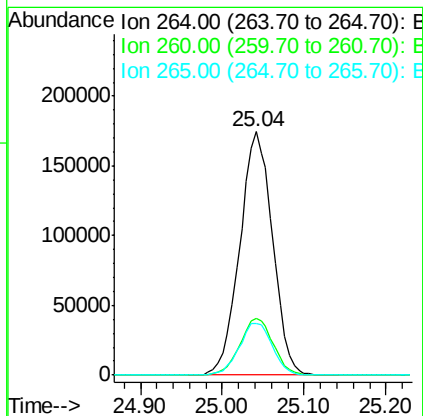
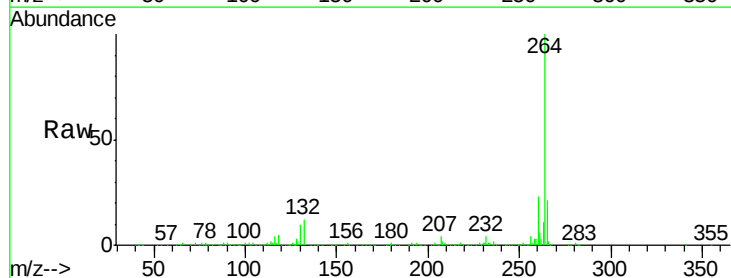
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

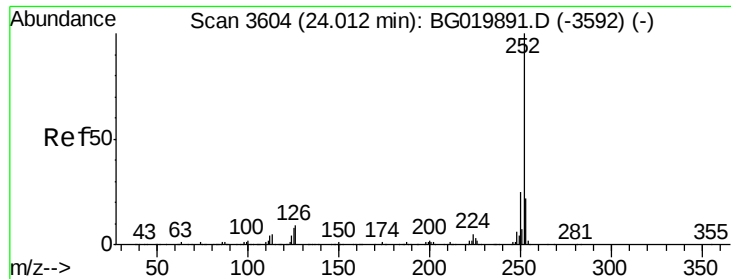
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	0.0	0.0#
277	25.6	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.2	17.2	25.8

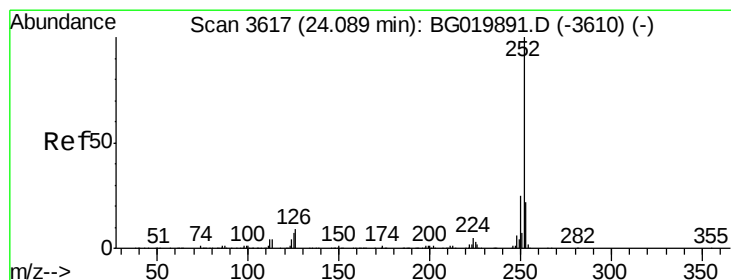
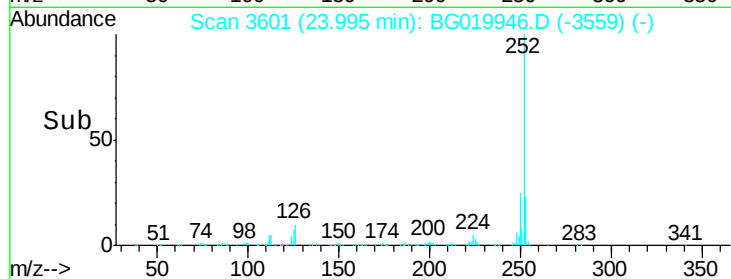
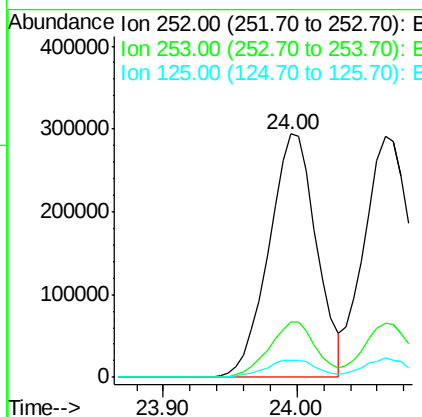
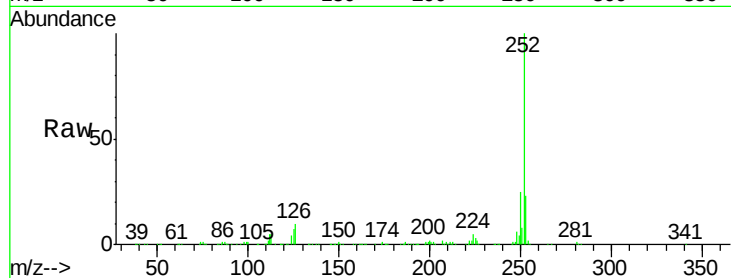




#87
Benzo(b)fluoranthene
Concen: 23.77 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.05 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

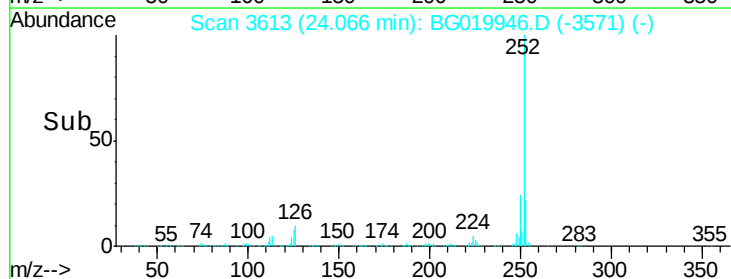
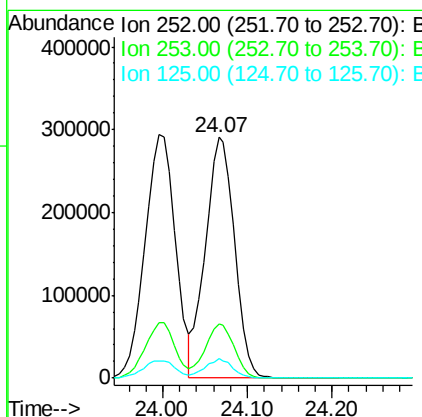
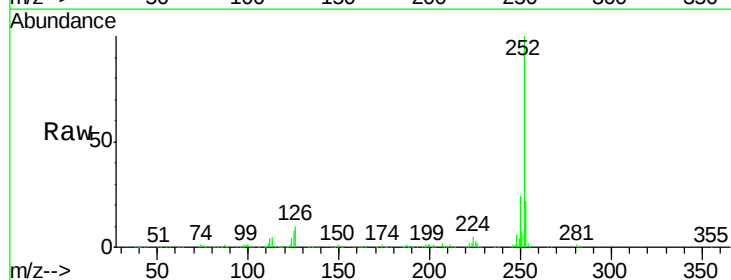
Instrument :
BNA_G
ClientSampleId :
PB87054BS

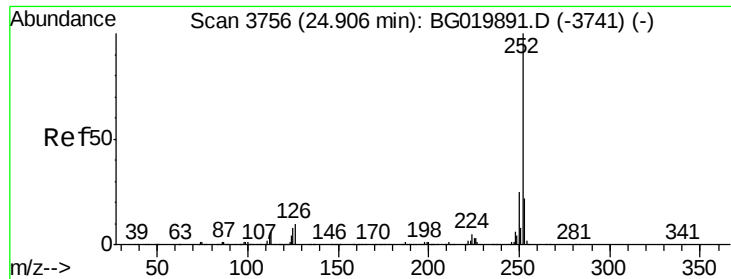
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.1	28.7
125	6.8	8.9	13.3#



#88
Benzo(k)fluoranthene
Concen: 22.98 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.05 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.4
125	8.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 23.89 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

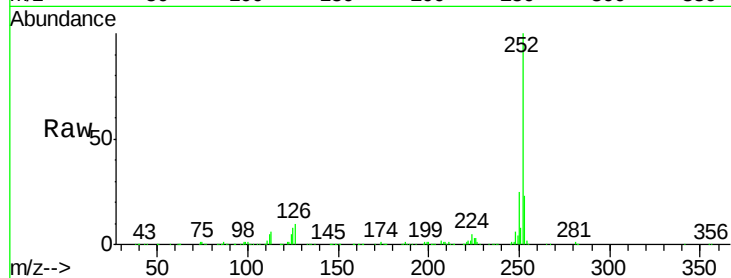
Tgt Ion:252 Resp: 695534

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

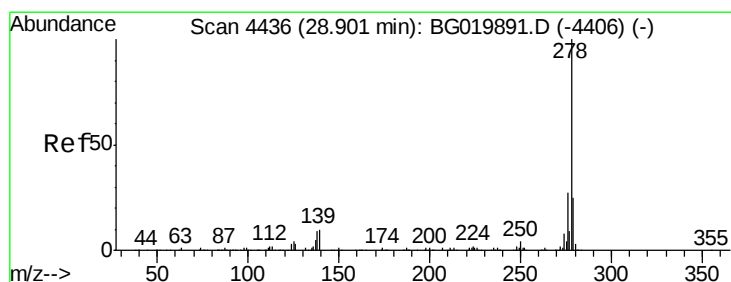
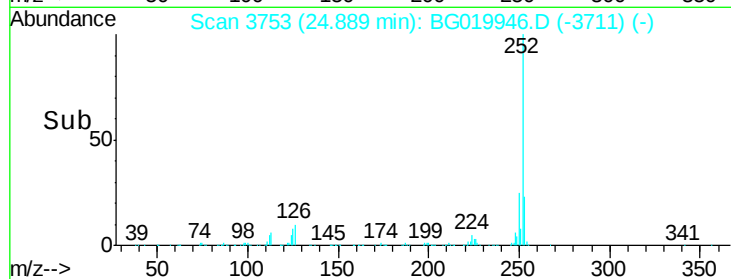
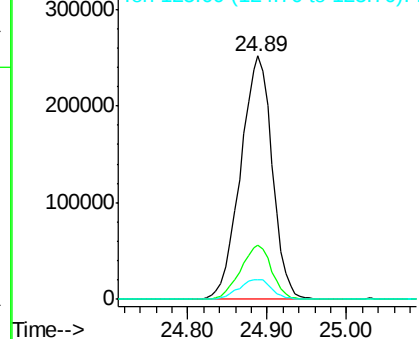
125 8.3 9.1 13.7#



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: 23.72 ng

RT: 28.86 min Scan# 4429

Delta R.T. -0.09 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

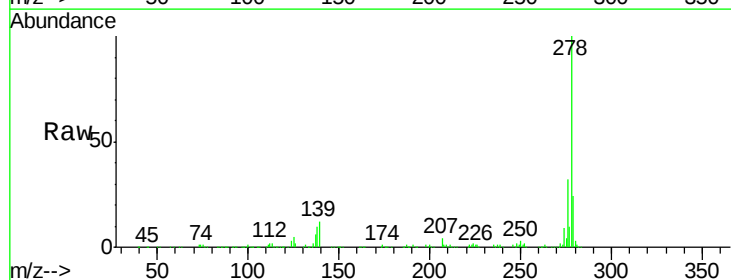
Tgt Ion:278 Resp: 682431

Ion Ratio Lower Upper

278 100

139 11.9 13.8 20.6#

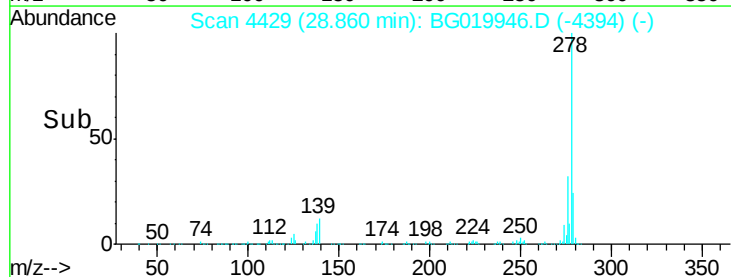
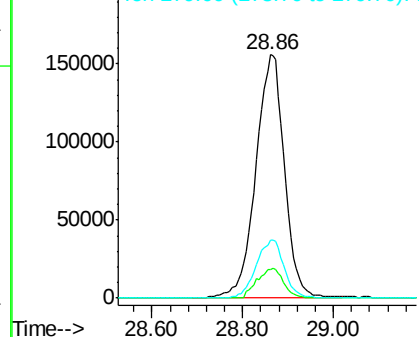
279 23.9 19.4 29.0

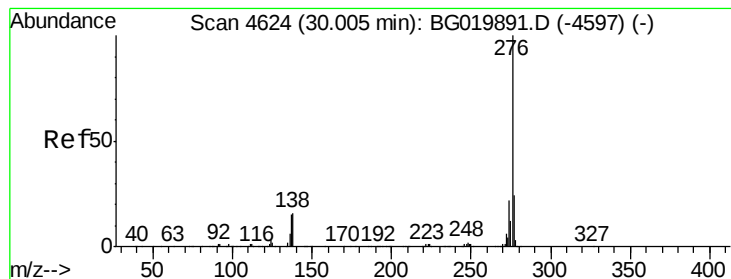


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 23.88 ng

RT: 29.97 min Scan# 4618

Delta R.T. -0.10 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

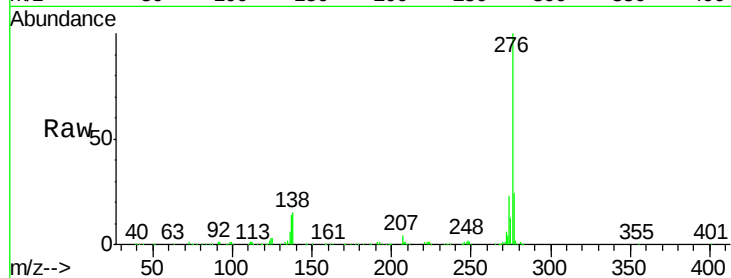
Tgt Ion: 276 Resp: 674560

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 15.0 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

