

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019943.D
 Acq On : 5 Dec 2015 15:43
 Operator : UM/NP
 Sample : PB87030BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Quant Time: Dec 07 01:09:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	47520	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	211300	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	155670	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	408950	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	494610	20.00	ng	-0.03
86) Perylene-d12	25.05	264	472863	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	208906	79.45	ng	0.00
7) Phenol-d6	7.26	99	305240	76.89	ng	-0.01
23) Nitrobenzene-d5	9.28	82	197023	47.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	163787	68.76	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	482135	42.29	ng	-0.02
78) Terphenyl-d14	20.09	244	880493	43.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	21272	20.77	ng	# 100
3) Pyridine	3.93	79	69132	22.22	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	33862	20.70	ng	93
6) Aniline	7.43	93	57119	11.11	ng	# 84
8) 2-Chlorophenol	7.67	128	79704	24.86	ng	93
9) Benzaldehyde	7.25	77	27226	10.28	ng	94
10) Phenol	7.29	94	107707	25.78	ng	82
11) bis(2-Chloroethyl)ether	7.53	93	72321	23.37	ng	89
12) 1,3-Dichlorobenzene	8.00	146	79793	21.96	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	84610	22.54	ng	96
14) 1,2-Dichlorobenzene	8.47	146	80684	22.54	ng	92
15) Benzyl Alcohol	8.35	79	84173	24.16	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	110512	21.90	ng	92
17) 2-Methylphenol	8.55	107	73248	24.83	ng	# 87
18) Hexachloroethane	9.21	117	30760	21.89	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	66411	21.21	ng	91
20) 3+4-Methylphenols	8.88	107	103364	24.89	ng	94
22) Acetophenone	8.94	105	119684	20.66	ng	# 93
24) Nitrobenzene	9.33	77	101707	22.65	ng	92
25) Isophorone	9.85	82	181505	20.45	ng	96
26) 2-Nitrophenol	10.04	139	43452	25.05	ng	# 79
27) 2,4-Dimethylphenol	10.09	122	84611	23.42	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	104072	23.99	ng	99
29) 2,4-Dichlorophenol	10.57	162	92265	25.00	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	87435	20.97	ng	98
31) Naphthalene	10.98	128	249323	22.03	ng	99
32) Benzoic acid	10.21	122	62174	28.35	ng	# 84
33) 4-Chloroaniline	11.08	127	32659	6.55	ng	# 88
34) Hexachlorobutadiene	11.26	225	61700	20.06	ng	96
35) Caprolactam	11.86	113	22370	16.29	ng	# 87
36) 4-Chloro-3-methylphenol	12.19	107	109495	23.83	ng	95
37) 2-Methylnaphthalene	12.58	142	192980	23.26	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	117593	19.91	ng	98
40) Hexachlorocyclopentadiene	12.93	237	130515	38.75	ng	98

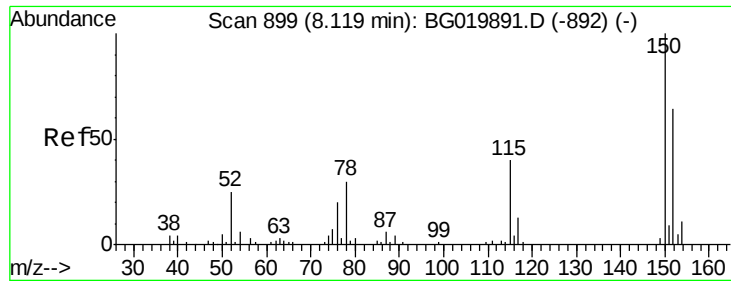
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019943.D
 Acq On : 5 Dec 2015 15:43
 Operator : UM/NP
 Sample : PB87030BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Quant Time: Dec 07 01:09:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	87174	22.29	ng	97
43) 2,4,5-Trichlorophenol	13.25	196	96925	23.45	ng	97
45) 1,1'-Biphenyl	13.58	154	256414	20.07	ng	98
46) 2-Chloronaphthalene	13.63	162	209004	21.22	ng	96
47) 2-Nitroaniline	13.82	65	77508	24.92	ng	90
48) Acenaphthylene	14.47	152	356775	21.27	ng	99
49) Dimethylphthalate	14.20	163	290460	20.74	ng	98
50) 2,6-Dinitrotoluene	14.31	165	63742	24.21	ng	# 79
51) Acenaphthene	14.81	154	247767	24.34	ng	97
52) 3-Nitroaniline	14.64	138	37734	13.80	ng	96
53) 2,4-Dinitrophenol	14.84	184	66952	51.52	ng	# 87
54) Dibenzofuran	15.14	168	357420	23.61	ng	94
55) 4-Nitrophenol	14.94	139	112336	47.16	ng	# 70
56) 2,4-Dinitrotoluene	15.10	165	94834	25.82	ng	# 87
57) Fluorene	15.79	166	288636	21.30	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	96508	25.23	ng	96
59) Diethylphthalate	15.55	149	311277	20.54	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	159305	20.47	ng	98
61) 4-Nitroaniline	15.80	138	70727	22.99	ng	# 73
62) Azobenzene	16.07	77	295689	23.45	ng	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	53008	26.24	ng	95
65) n-Nitrosodiphenylamine	15.99	169	266411	22.51	ng	96
66) 4-Bromophenyl-phenylether	16.68	248	105141	20.69	ng	94
67) Hexachlorobenzene	16.79	284	114697	21.67	ng	99
68) Atrazine	16.93	200	112153	21.81	ng	97
69) Pentachlorophenol	17.13	266	149844	48.50	ng	95
70) Phenanthrene	17.53	178	506333	21.88	ng	97
71) Anthracene	17.62	178	515425	21.87	ng	97
72) Carbazole	17.89	167	461729	22.24	ng	98
73) Di-n-butylphthalate	18.44	149	553128	21.74	ng	98
74) Fluoranthene	19.53	202	646756	21.85	ng	94
76) Benzidine	19.71	184	141674	8.72	ng	96
77) Pyrene	19.89	202	653436	22.46	ng	96
79) Butylbenzylphthalate	20.77	149	258660	22.68	ng	99
80) Benzo(a)anthracene	21.74	228	668100	22.07	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	124760	10.82	ng	# 98
82) Chrysene	21.81	228	609087	21.19	ng	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	372029	22.23	ng	96
84) Di-n-octyl phthalate	22.89	149	635238	23.34	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	743931	23.49	ng	# 100
87) Benzo(b)fluoranthene	24.00	252	645184	21.53	ng	# 97
88) Benzo(k)fluoranthene	24.07	252	627589	21.14	ng	# 94
89) Benzo(a)pyrene	24.89	252	620923	21.82	ng	# 95
90) Dibenzo(a,h)anthracene	28.86	278	613884	21.84	ng	# 95
91) Benzo(g,h,i)perylene	29.96	276	612416	22.19	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

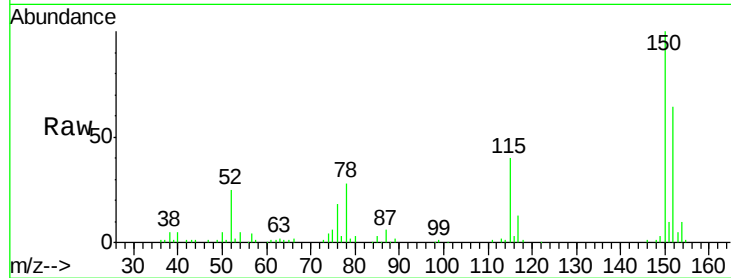
Tgt Ion:152 Resp: 47520

Ion Ratio Lower Upper

152 100

150 155.2 115.0 172.4

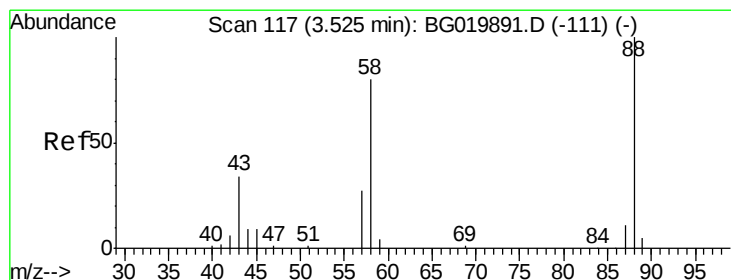
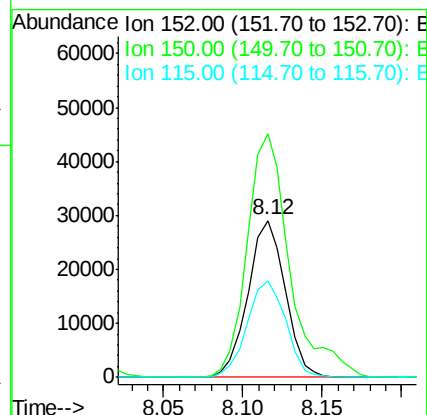
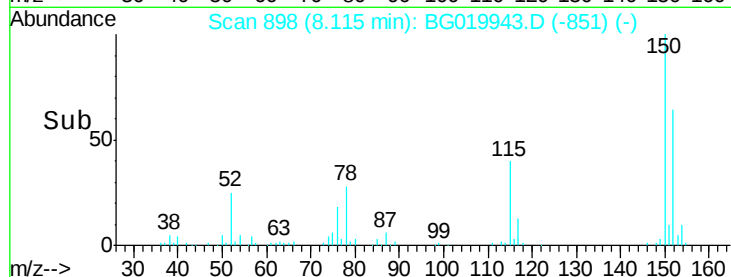
115 61.5 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.77 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

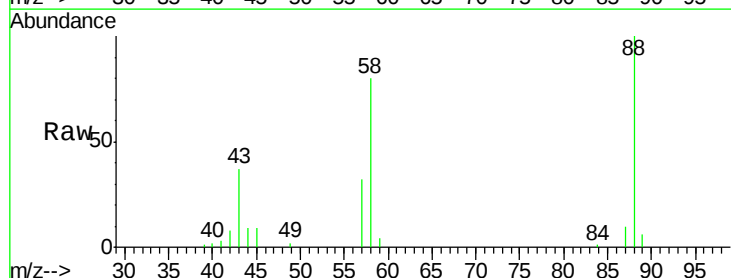
Tgt Ion: 88 Resp: 21272

Ion Ratio Lower Upper

88 100

58 82.7 0.0 0.0#

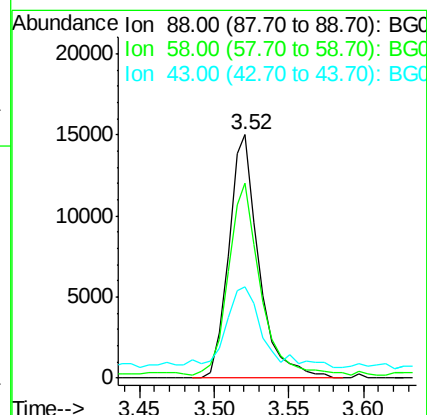
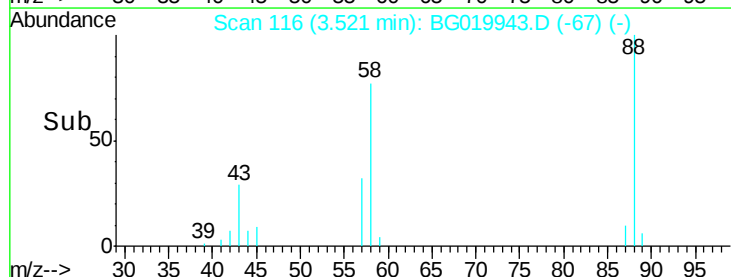
43 40.9 0.0 0.0#

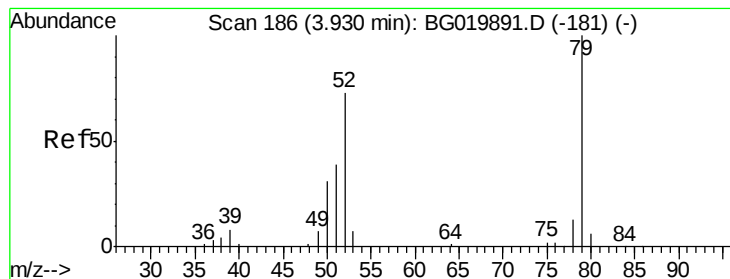


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 22.22 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

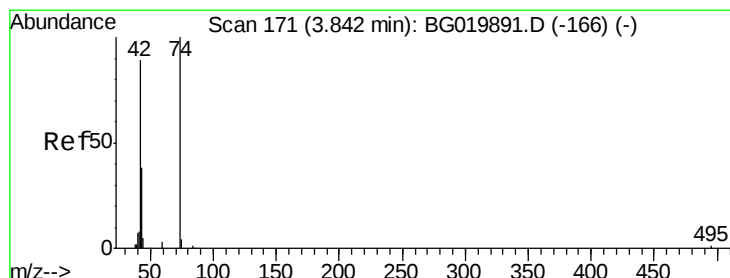
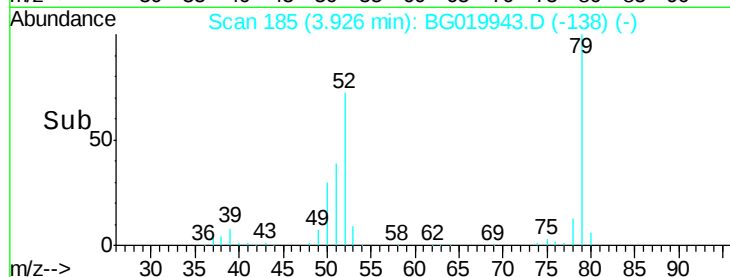
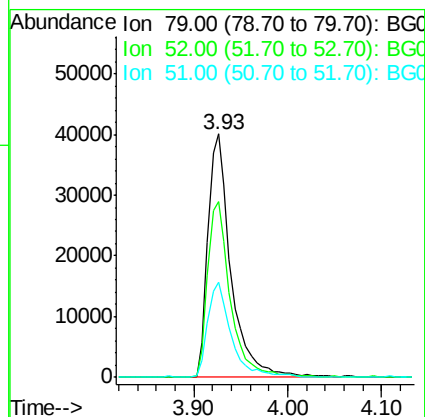
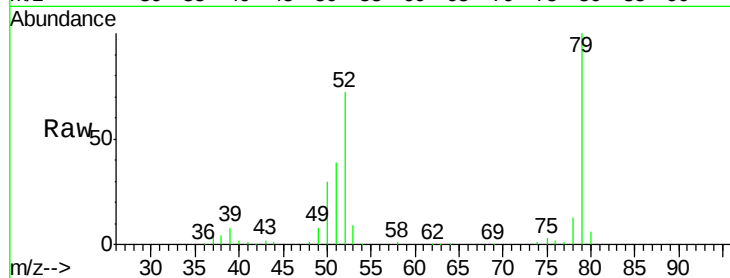
Tgt Ion: 79 Resp: 69132

Ion Ratio Lower Upper

79 100

52 72.3 50.3 75.5

51 39.2 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 20.70 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

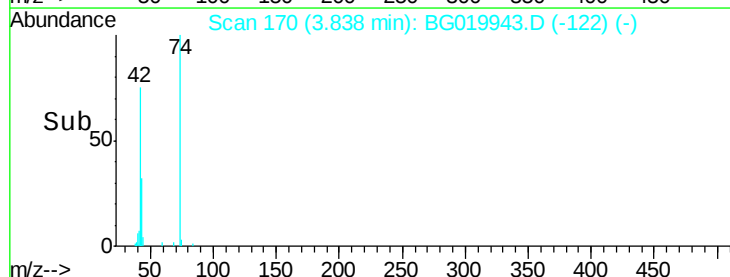
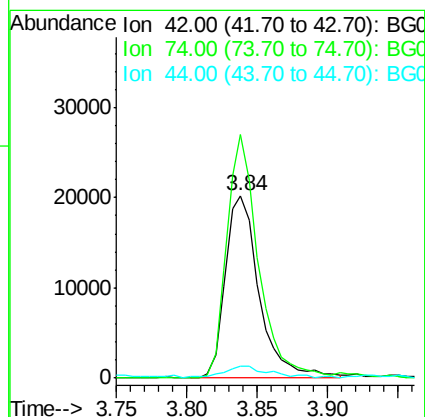
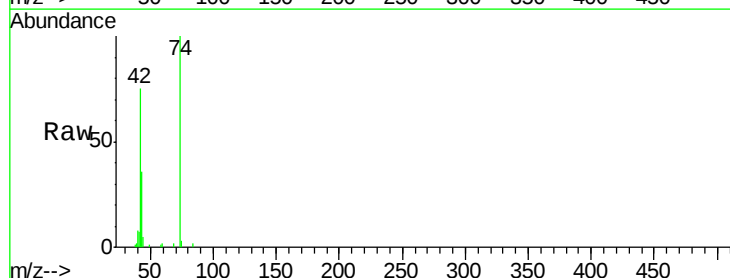
Tgt Ion: 42 Resp: 33862

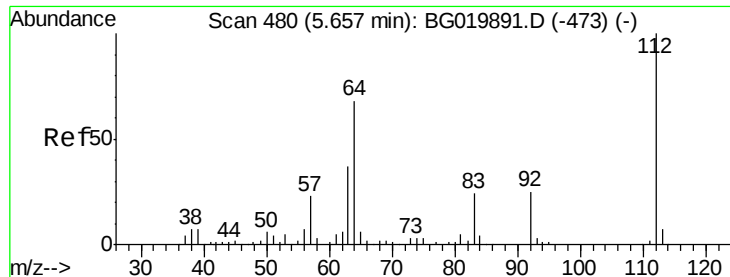
Ion Ratio Lower Upper

42 100

74 133.5 113.9 170.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 79.45 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

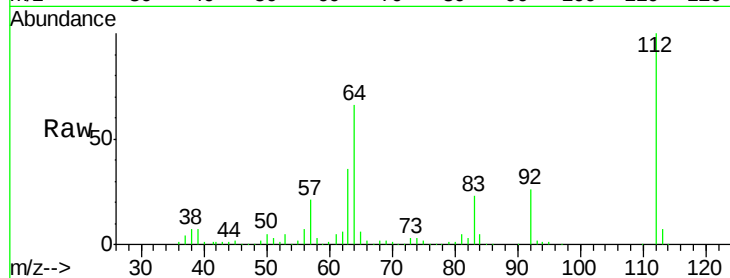
Tgt Ion: 112 Resp: 208906

Ion Ratio Lower Upper

112 100

64 66.4 43.7 65.5#

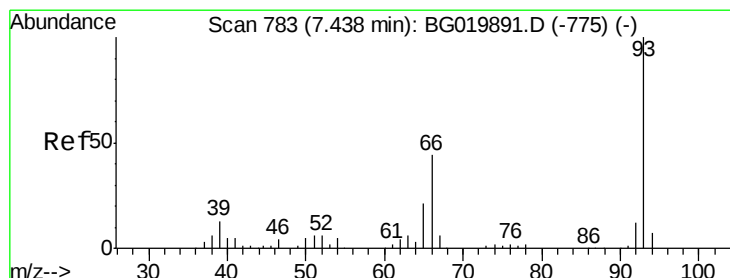
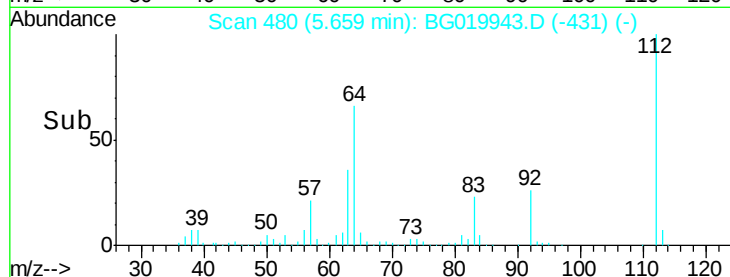
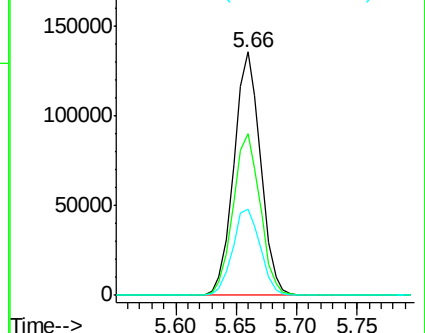
63 35.6 24.0 36.0



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: 11.11 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

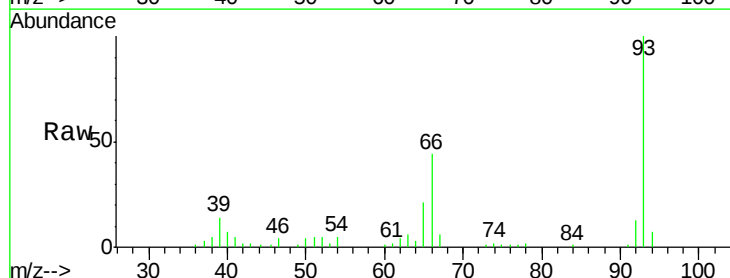
Tgt Ion: 93 Resp: 57119

Ion Ratio Lower Upper

93 100

66 43.7 26.2 39.2#

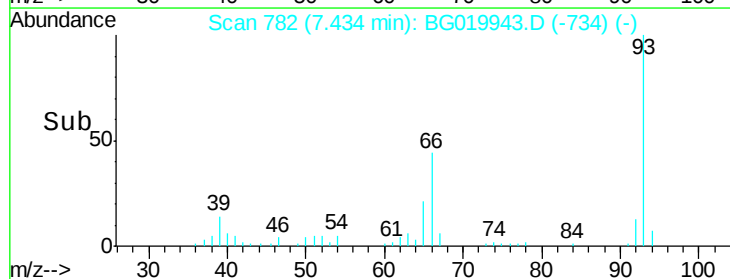
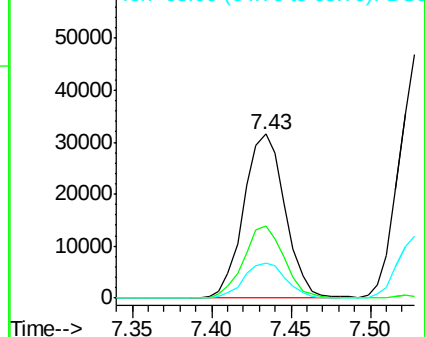
65 21.3 14.0 21.0#

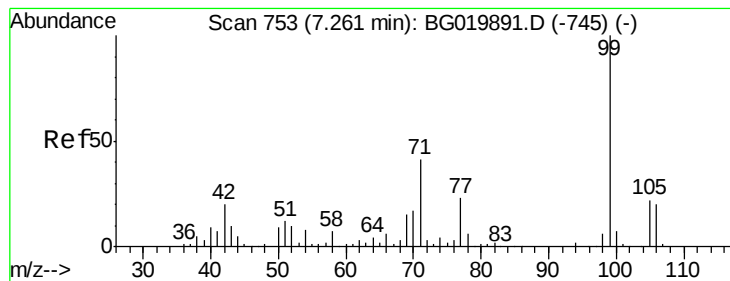


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.89 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

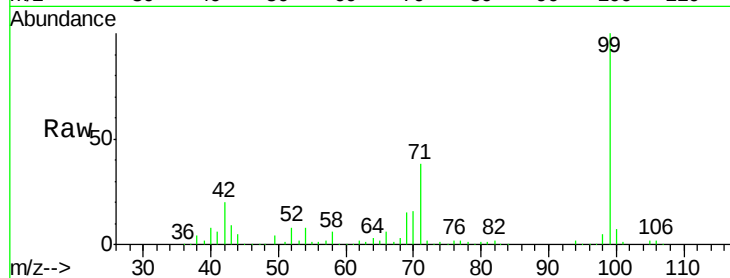
Tgt Ion: 99 Resp: 305240

Ion Ratio Lower Upper

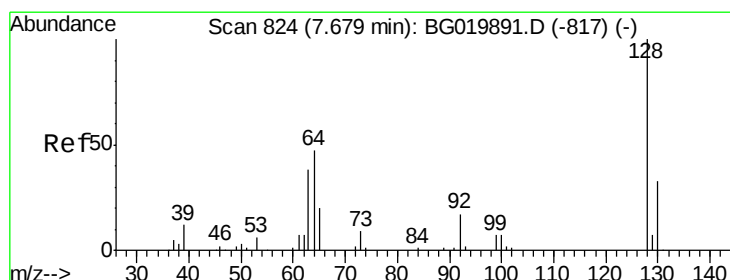
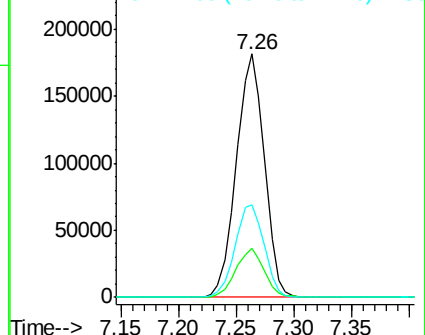
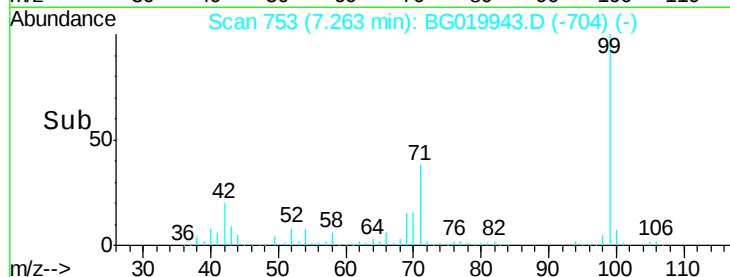
99 100

42 20.3 11.5 17.3#

71 38.3 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 24.86 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

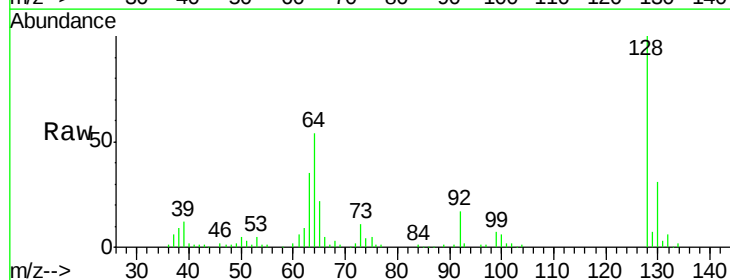
Tgt Ion: 128 Resp: 79704

Ion Ratio Lower Upper

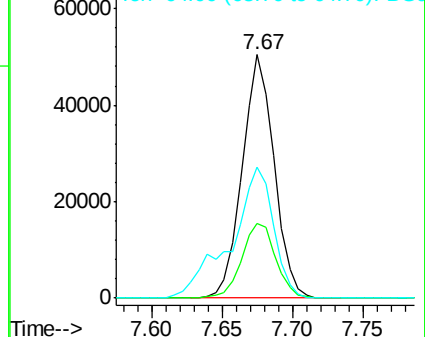
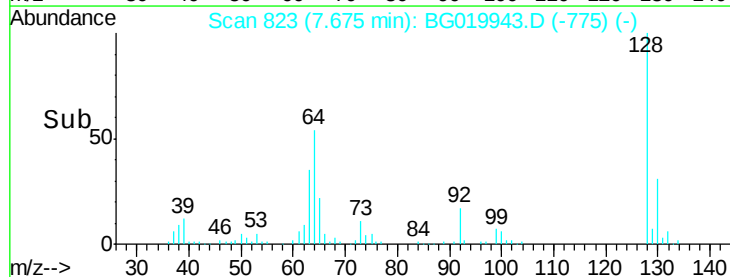
128 100

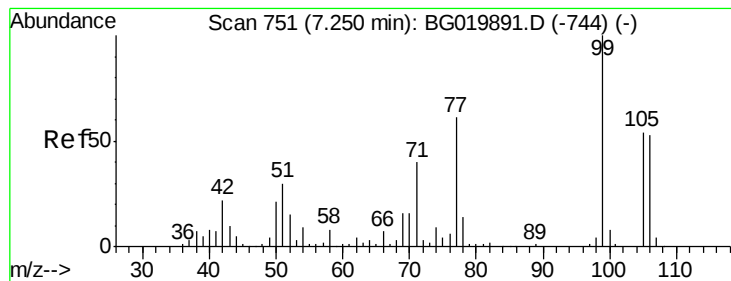
130 30.6 13.0 53.0

64 53.8 28.2 68.2



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





#9

Benzaldehyde

Concen: 10.28 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

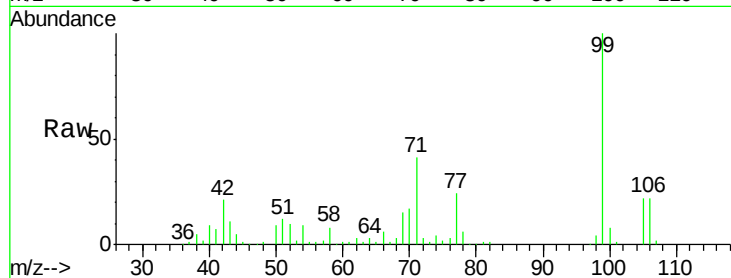
Tgt Ion: 77 Resp: 27226

Ion Ratio Lower Upper

77 100

105 91.8 77.7 117.7

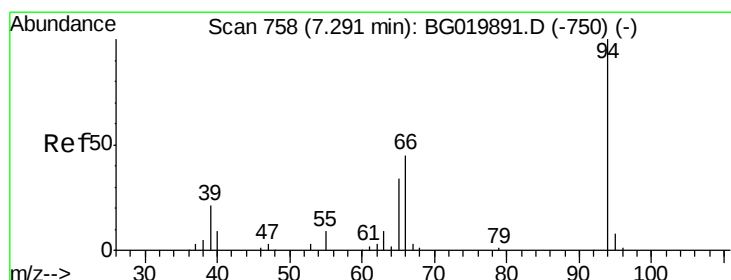
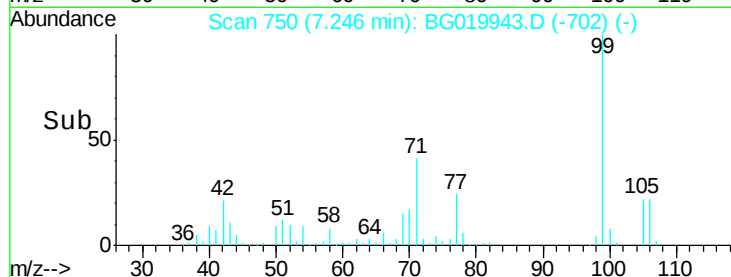
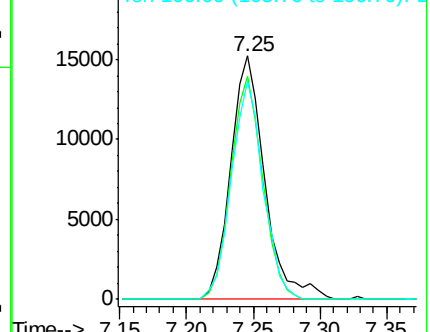
106 89.4 75.8 115.8



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: 25.78 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

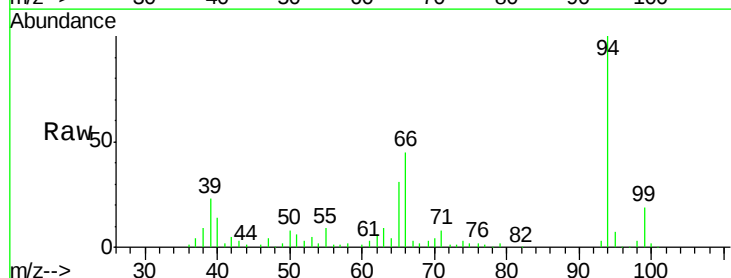
Tgt Ion: 94 Resp: 107707

Ion Ratio Lower Upper

94 100

65 31.0 5.4 45.4

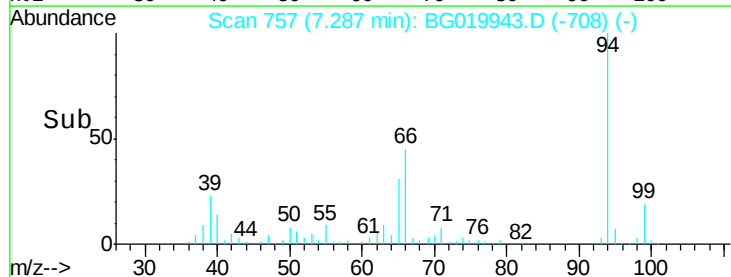
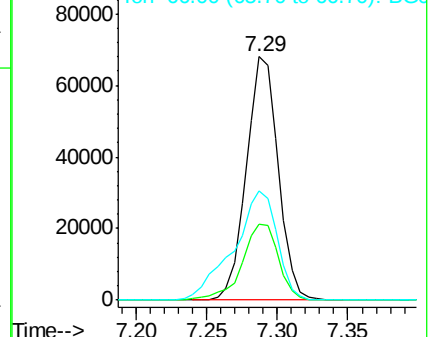
66 44.9 11.8 51.8

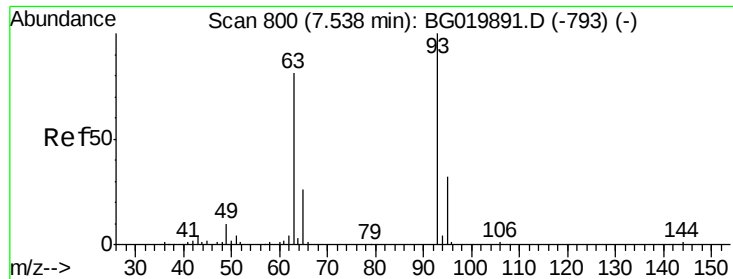


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 23.37 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

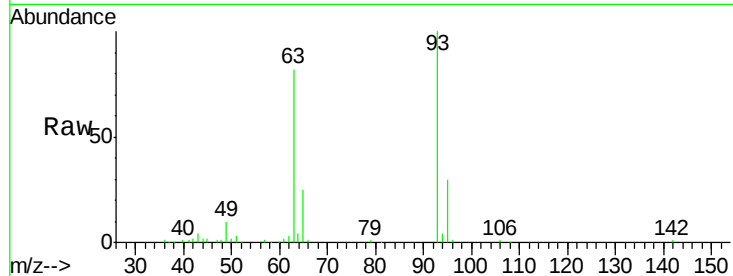
Tgt Ion: 93 Resp: 72321

Ion Ratio Lower Upper

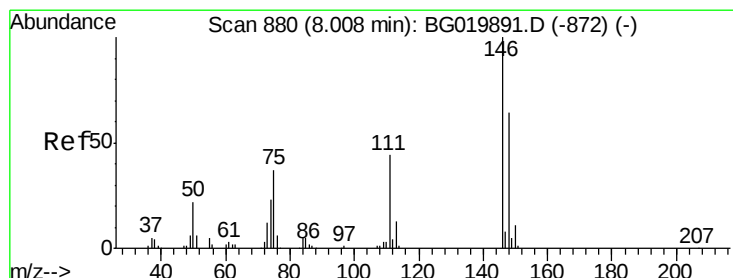
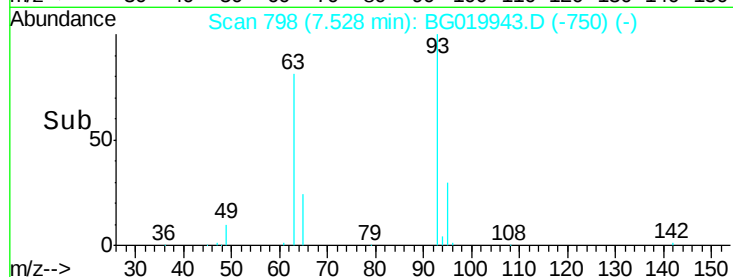
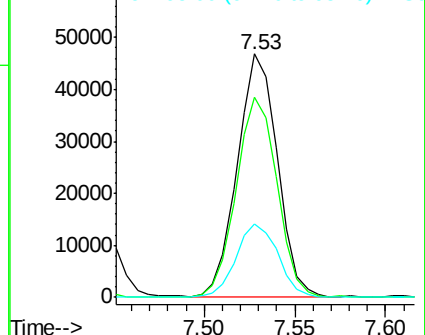
93 100

63 82.0 50.5 90.5

95 30.4 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 21.96 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

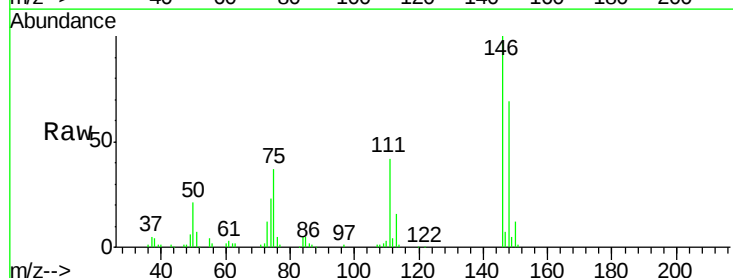
Tgt Ion: 146 Resp: 79793

Ion Ratio Lower Upper

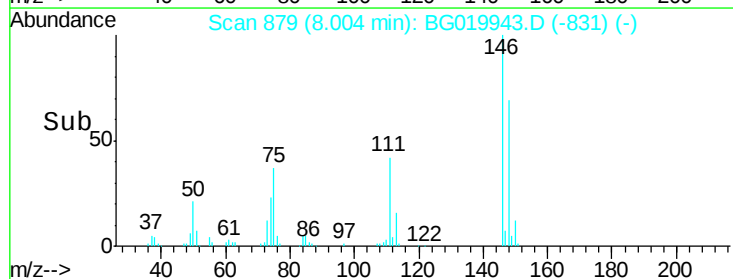
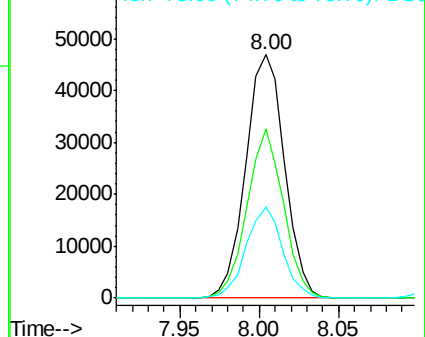
146 100

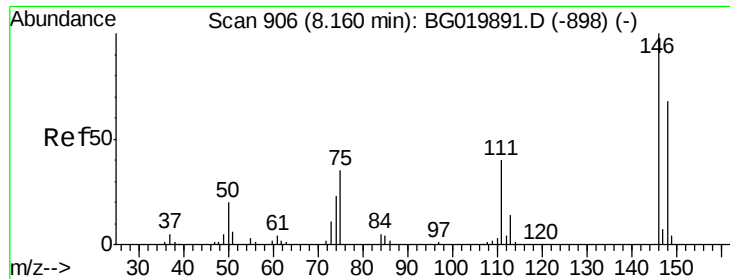
148 69.5 53.4 80.0

75 37.3 21.1 31.7#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

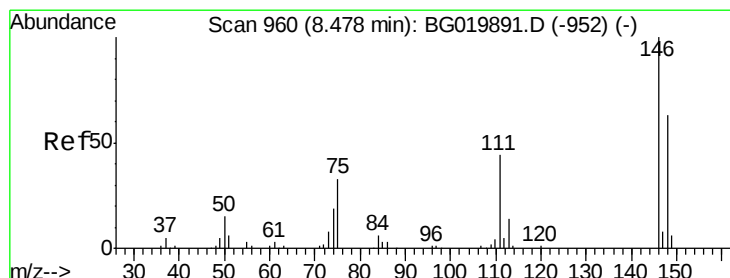
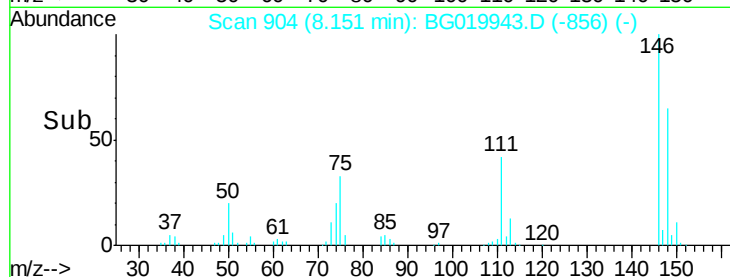
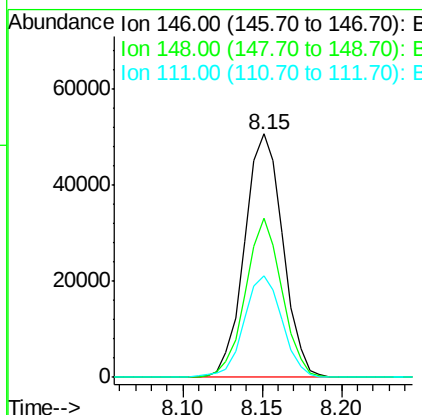
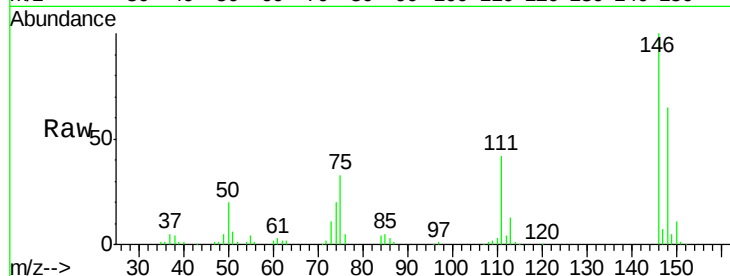




#13
 1,4-Dichlorobenzene
 Concen: 22.54 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

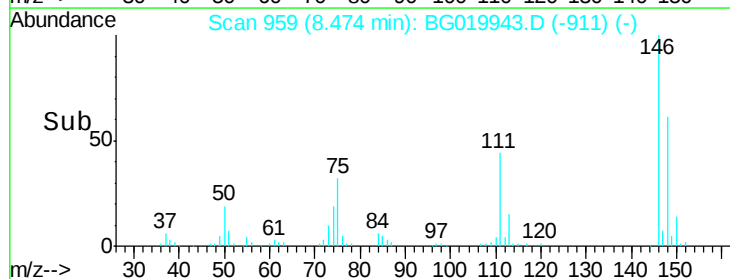
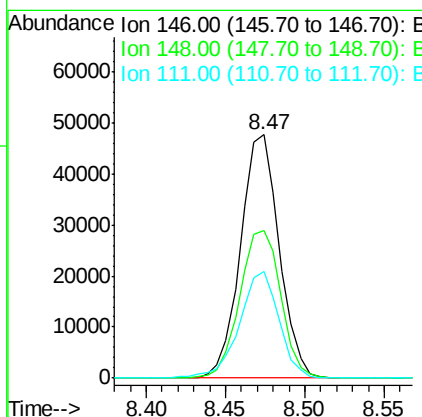
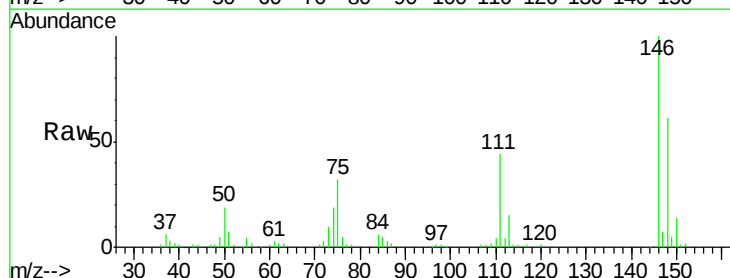
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

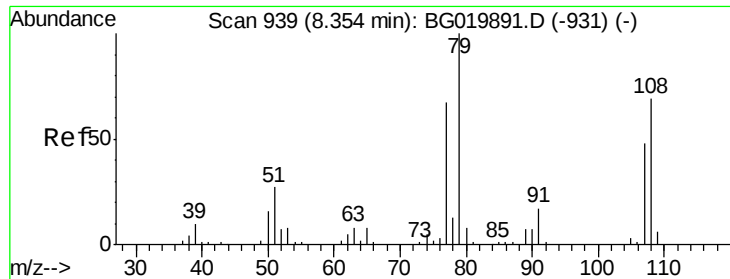
Tgt Ion:146 Resp: 84610
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.5 78.7
 111 41.8 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 22.54 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:146 Resp: 80684
 Ion Ratio Lower Upper
 146 100
 148 60.9 52.5 78.7
 111 43.8 29.9 44.9





#15

Benzyl Alcohol

Concen: 24.16 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

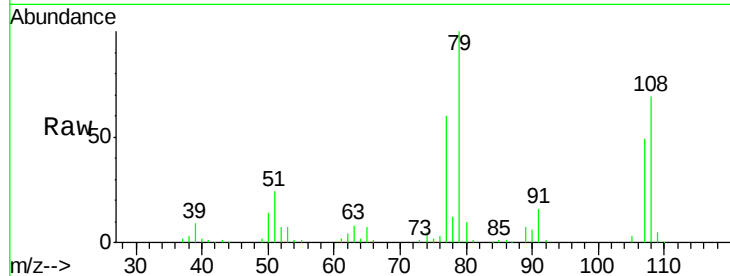
Tgt Ion: 79 Resp: 84173

Ion Ratio Lower Upper

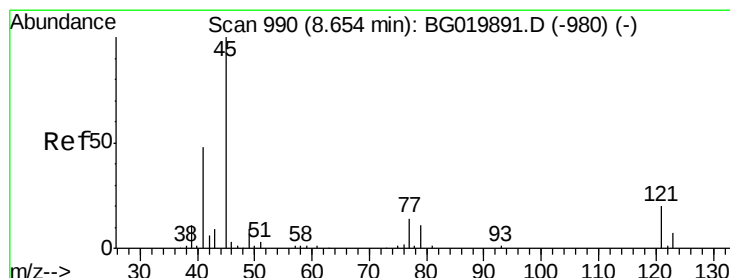
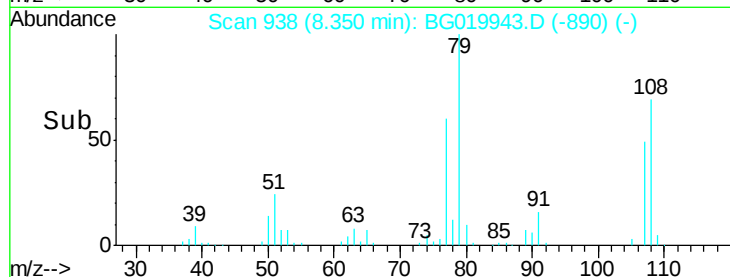
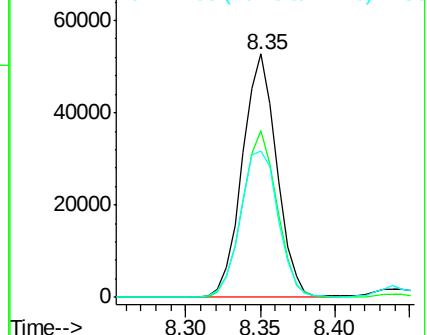
79 100

108 68.8 65.5 98.3

77 60.1 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: 21.90 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

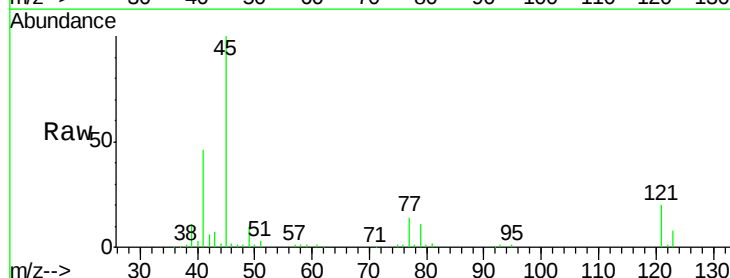
Tgt Ion: 45 Resp: 110512

Ion Ratio Lower Upper

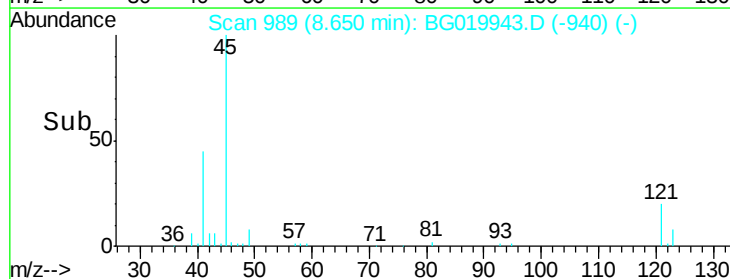
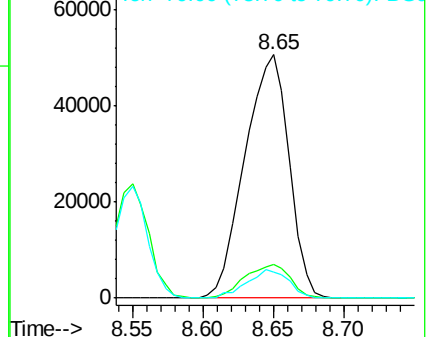
45 100

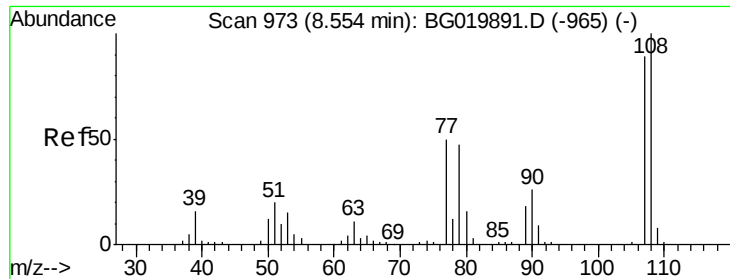
77 13.7 0.0 37.0

79 10.6 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

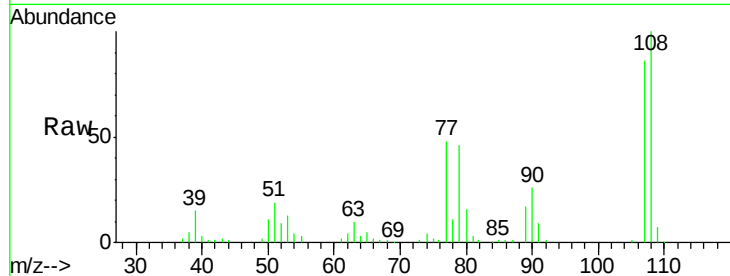




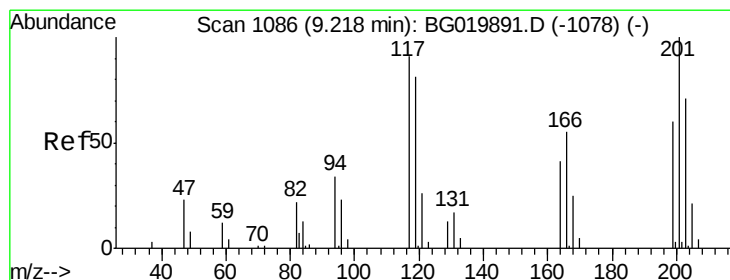
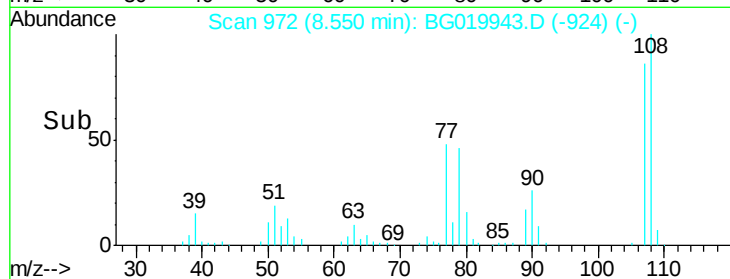
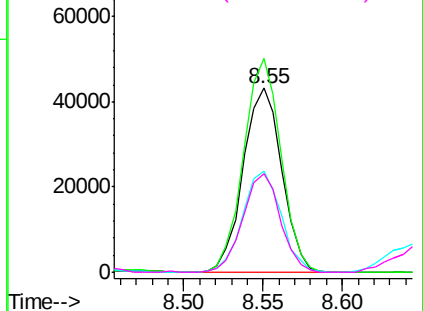
#17
2-Methylphenol
Concen: 24.83 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tgt Ion:107 Resp: 73248
Ion Ratio Lower Upper
107 100
108 116.3 86.5 129.7
77 55.3 34.6 51.8#
79 53.8 32.3 48.5#

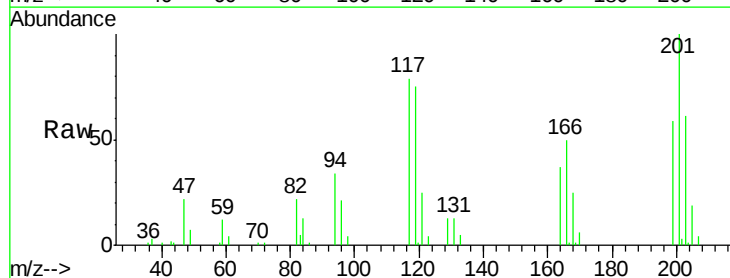


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

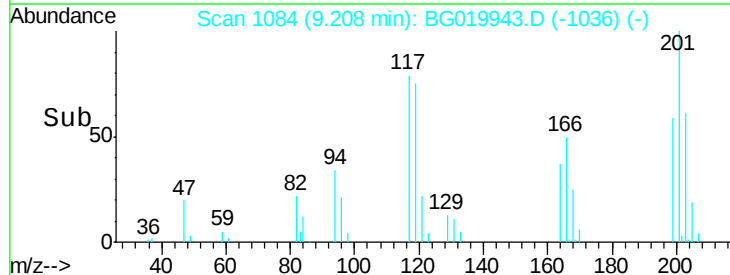
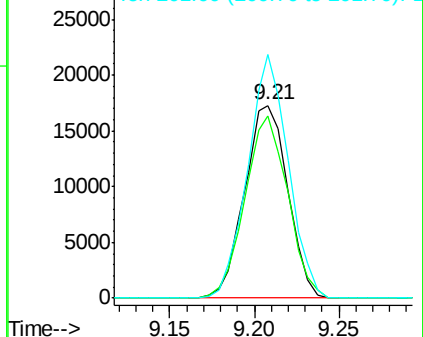


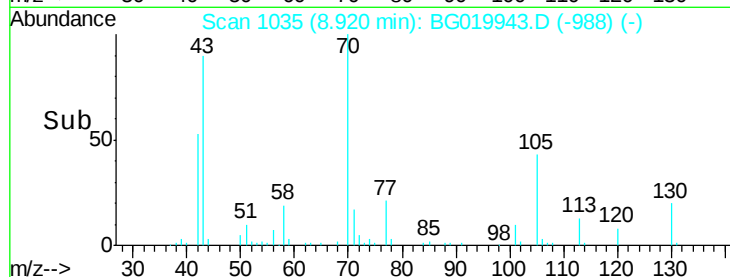
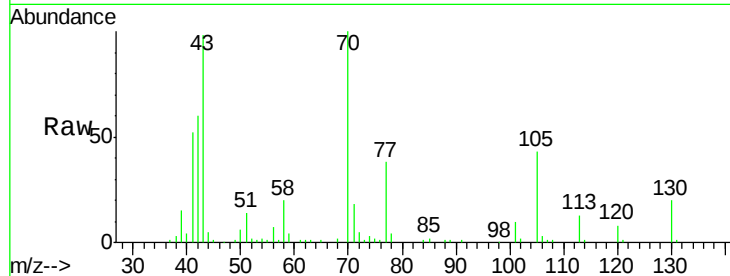
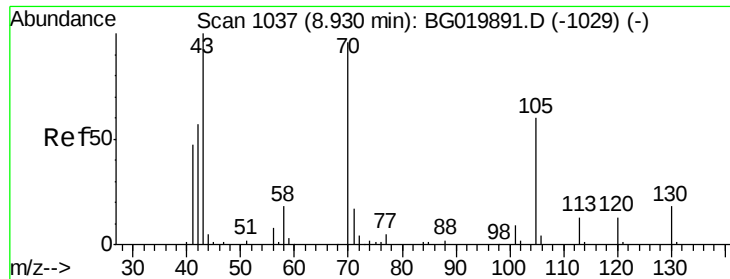
#18
Hexachloroethane
Concen: 21.89 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:117 Resp: 30760
Ion Ratio Lower Upper
117 100
119 94.5 71.7 107.5
201 126.5 90.9 136.3



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

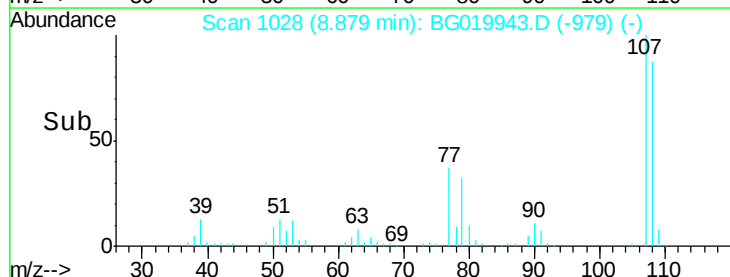
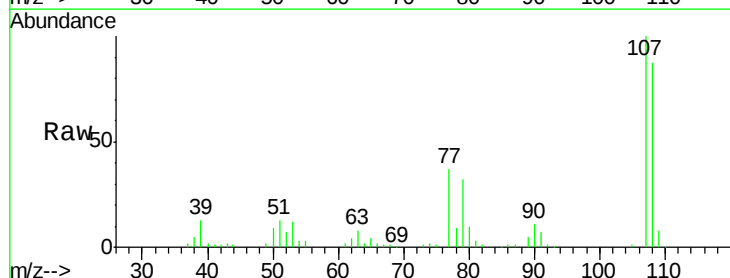
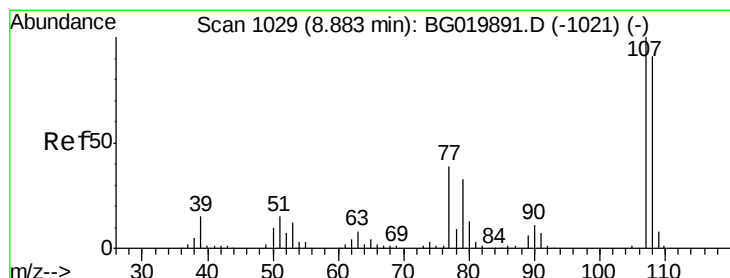
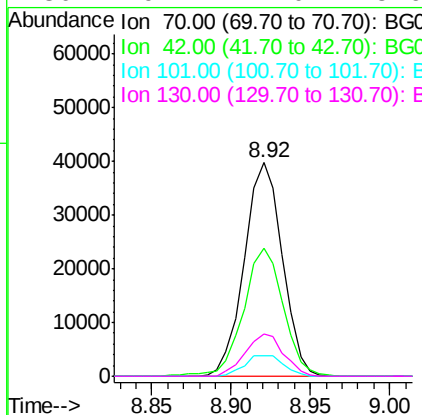




#19
n-Nitroso-di-n-propylamine
Concen: 21.21 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

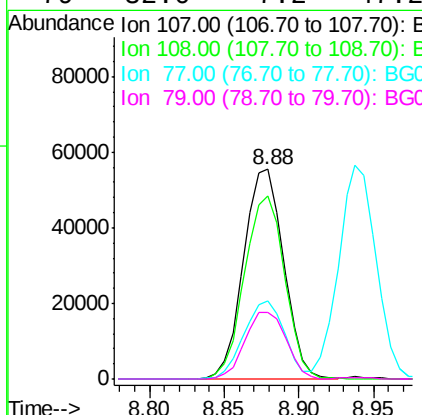
Instrument :
BNA_G
ClientSampleId :
PB87030BS

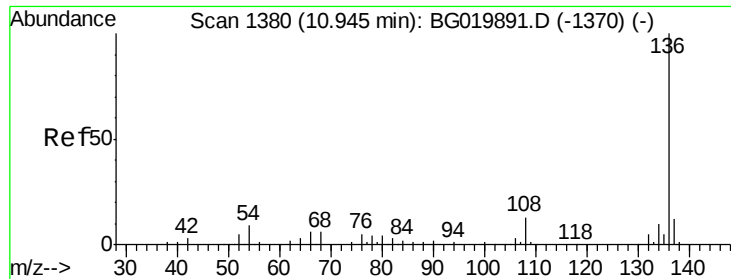
Tgt Ion:	70	Resp:	66411
Ion	Ratio	Lower	Upper
70	100		
42	59.9	40.6	60.8
101	9.9	8.6	13.0
130	19.7	17.0	25.6



#20
3+4-Methylphenols
Concen: 24.89 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:	107	Resp:	103364
Ion	Ratio	Lower	Upper
107	100		
108	87.3	72.2	112.2
77	37.5	13.4	53.4
79	32.0	7.2	47.2

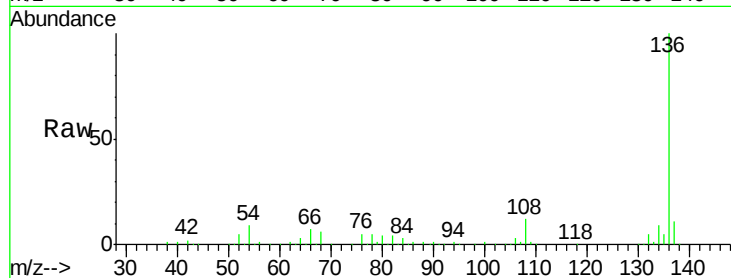




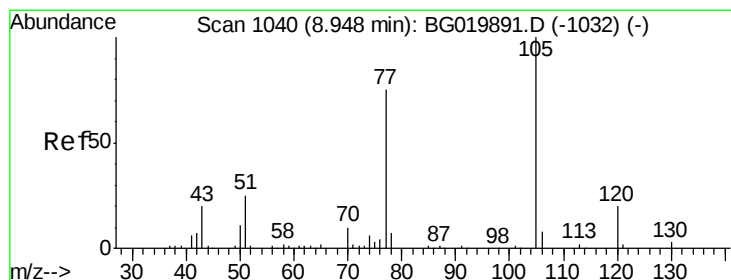
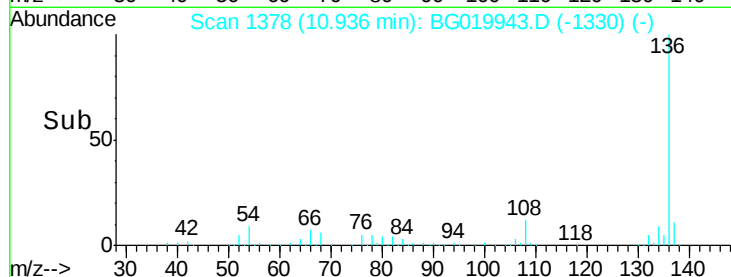
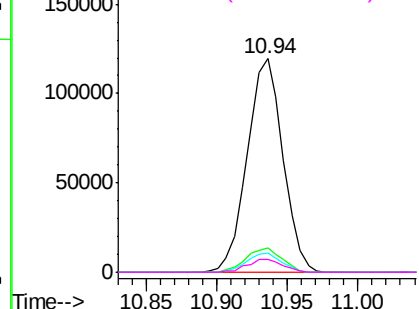
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tgt Ion:	136	Resp:	211300
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.1	5.4	8.2#
68	6.1	5.3	7.9

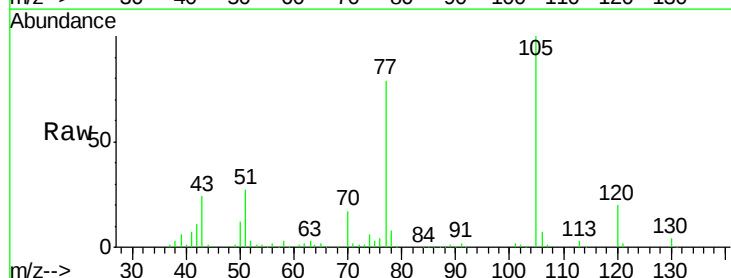


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

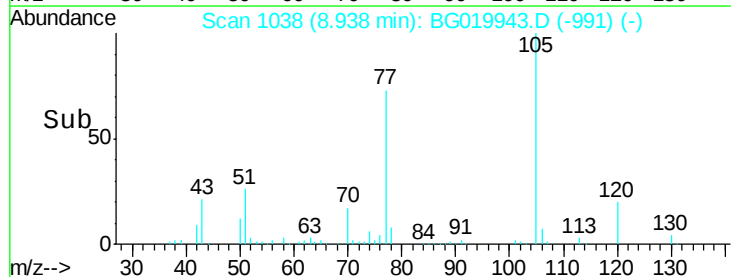
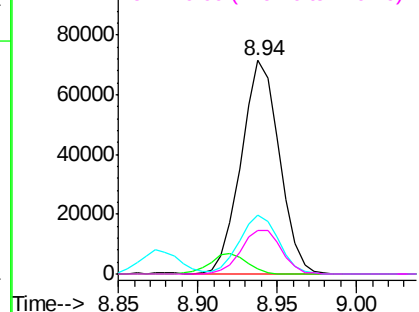


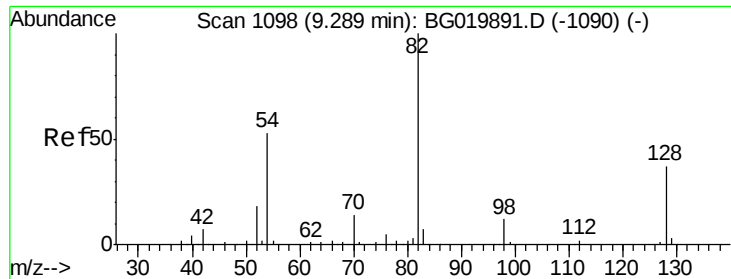
#22
Acetophenone
Concen: 20.66 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:	105	Resp:	119684
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.1	3.1
51	27.3	17.8	26.8#
120	20.5	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

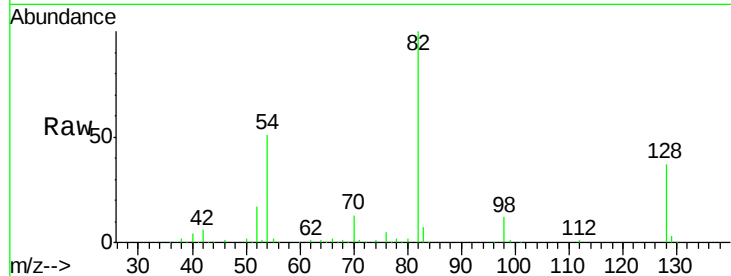




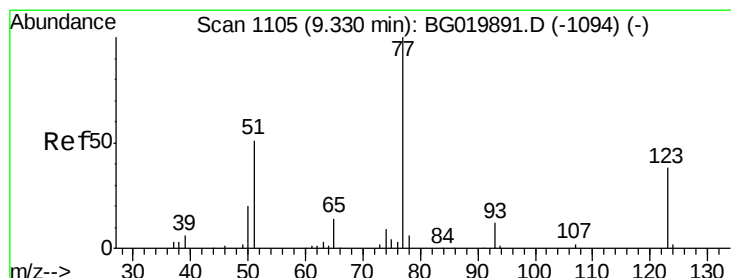
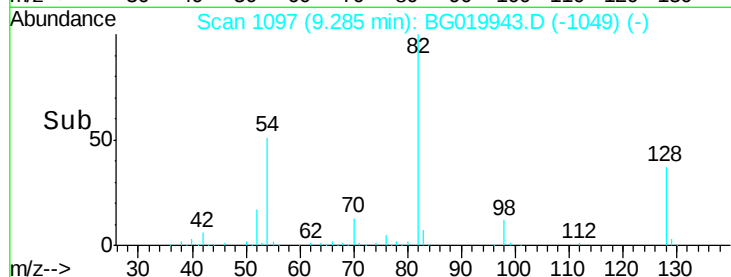
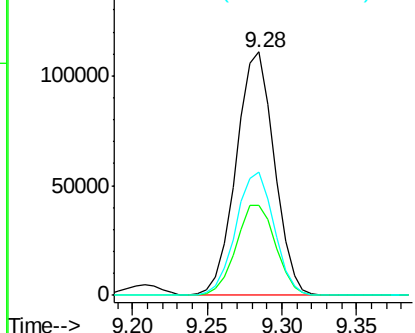
#23
Nitrobenzene-d5
Concen: 47.59 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tgt Ion: 82 Resp: 197023
Ion Ratio Lower Upper
82 100
128 37.1 36.7 55.1
54 50.6 33.8 50.8

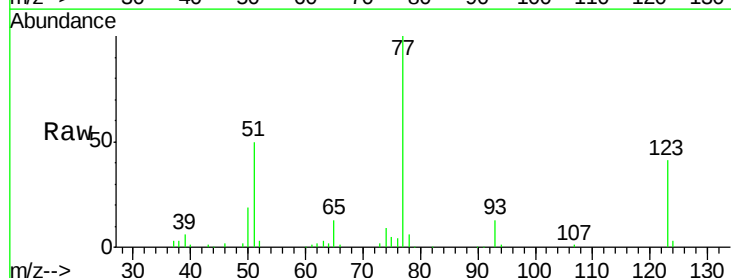


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

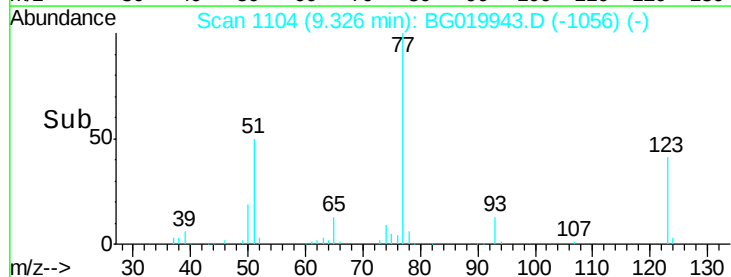
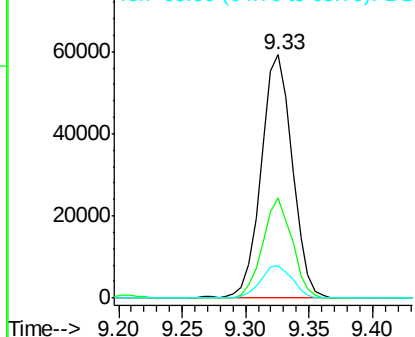


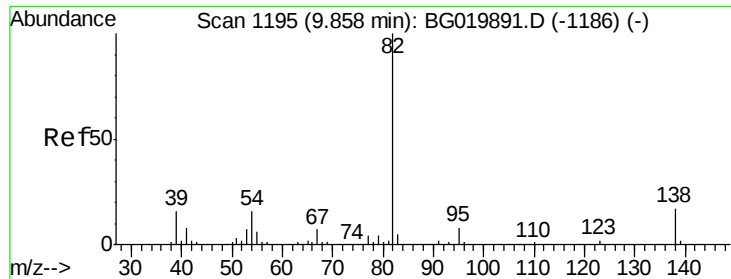
#24
Nitrobenzene
Concen: 22.65 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion: 77 Resp: 101707
Ion Ratio Lower Upper
77 100
123 41.1 38.2 57.2
65 13.5 10.6 16.0



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





#25

Isophorone

Concen: 20.45 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

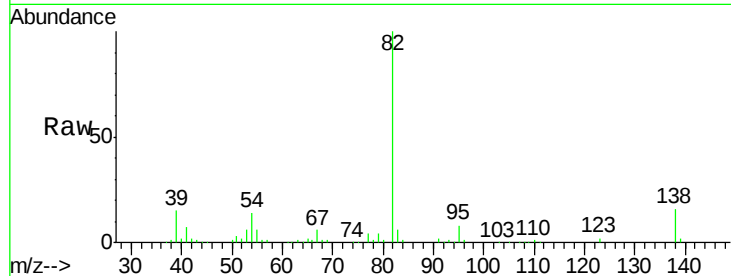
Tgt Ion: 82 Resp: 181505

Ion Ratio Lower Upper

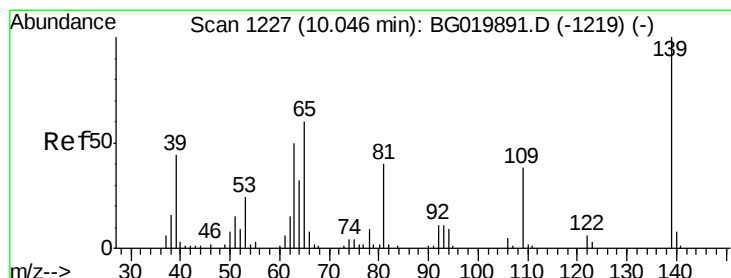
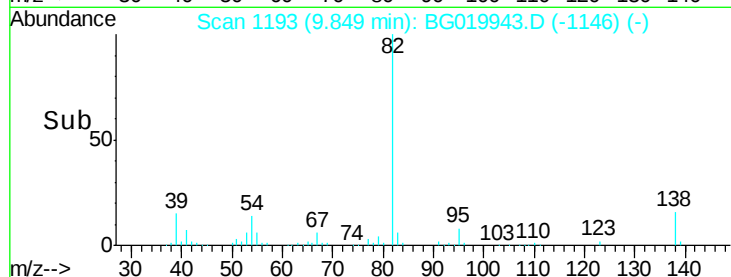
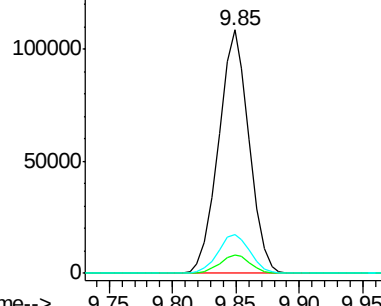
82 100

95 7.7 5.2 7.8

138 16.0 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: 25.05 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

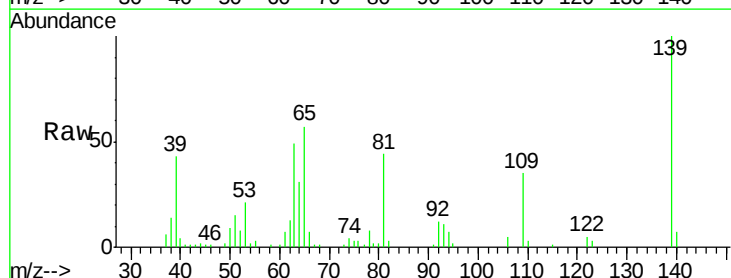
Tgt Ion: 139 Resp: 43452

Ion Ratio Lower Upper

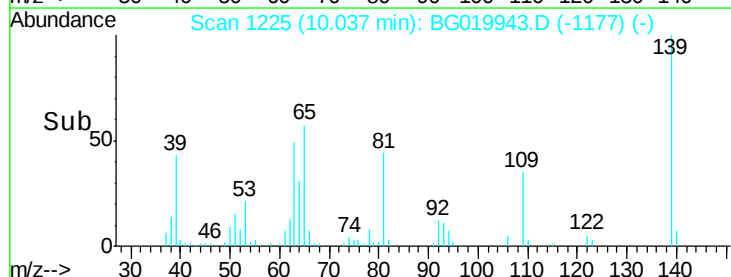
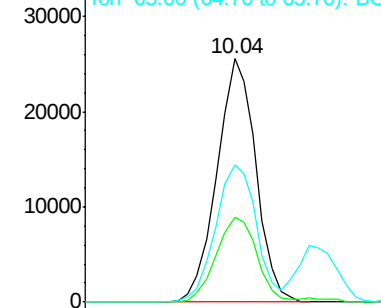
139 100

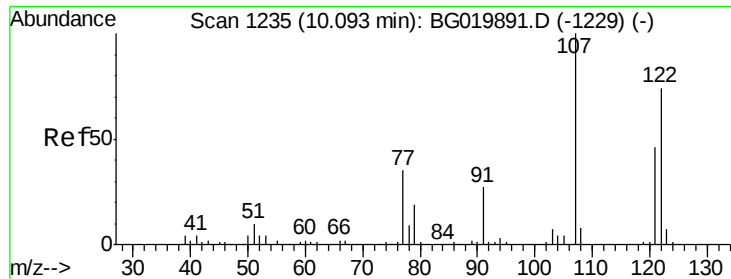
109 34.7 20.1 30.1#

65 56.7 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

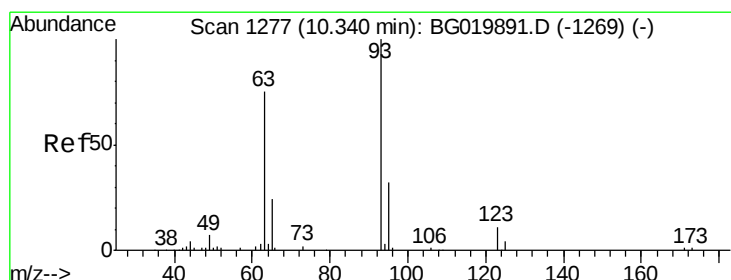
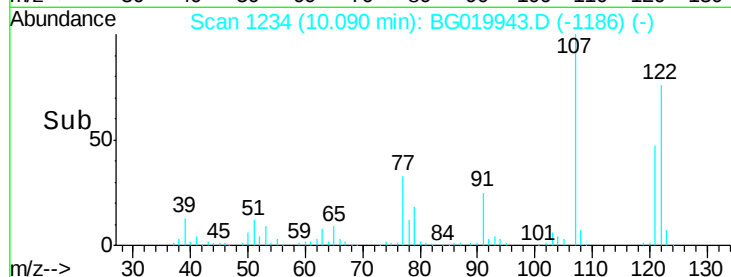
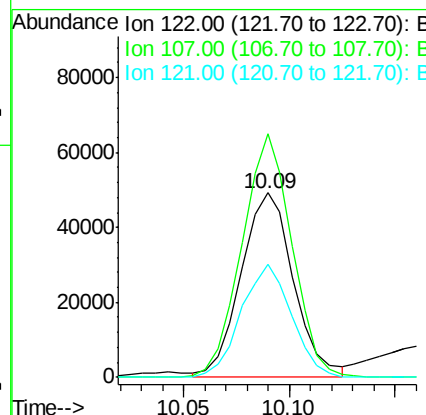
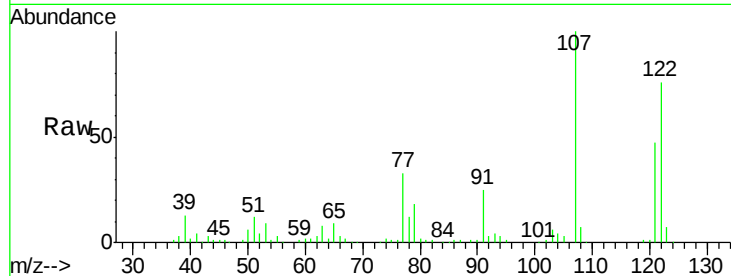




#27
 2,4-Dimethylphenol
 Concen: 23.42 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

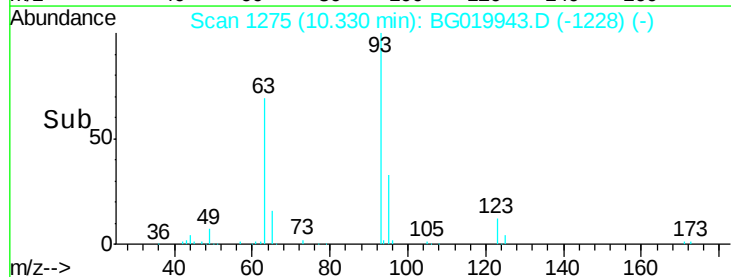
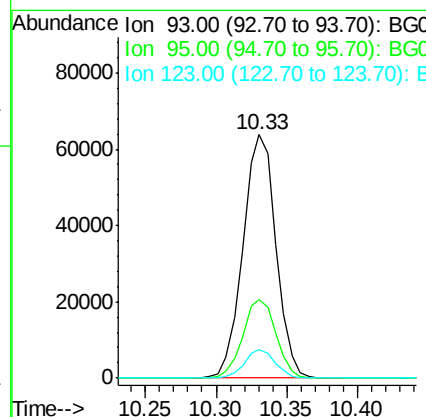
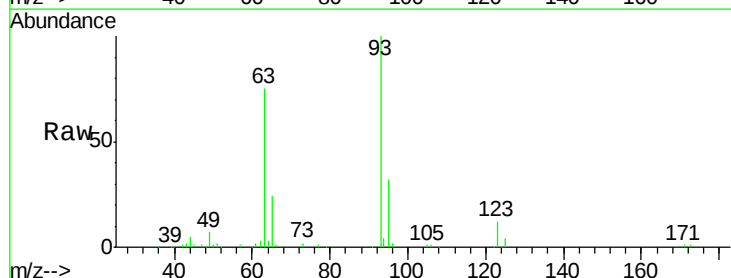
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

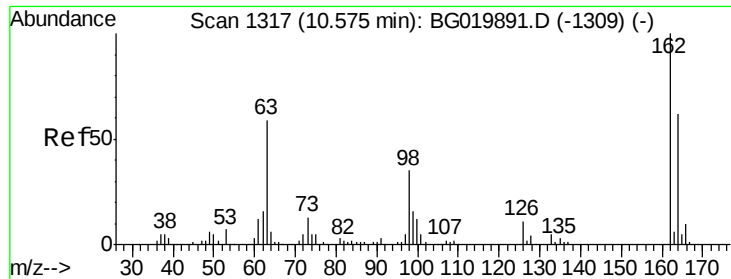
Tgt Ion:122 Resp: 84611
 Ion Ratio Lower Upper
 122 100
 107 132.2 91.6 137.4
 121 61.5 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.99 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion: 93 Resp: 104072
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.7 38.5
 123 11.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 25.00 ng

RT: 10.57 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

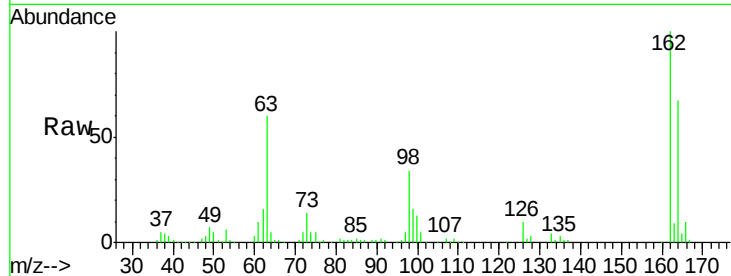
Tgt Ion:162 Resp: 92265

Ion Ratio Lower Upper

162 100

164 67.3 42.3 82.3

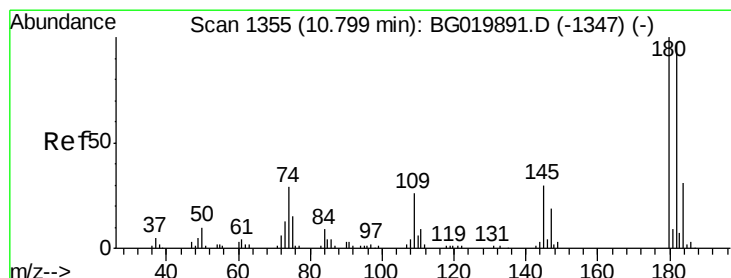
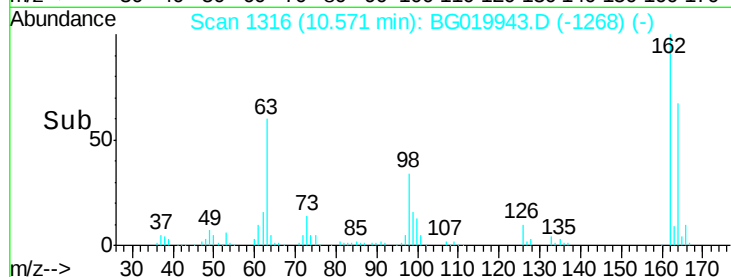
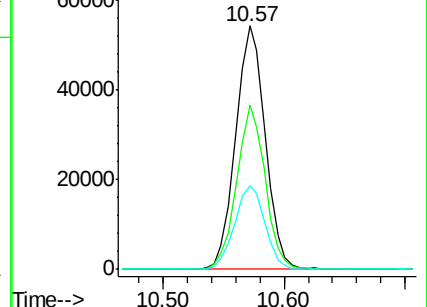
98 34.3 11.5 51.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 20.97 ng

RT: 10.79 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

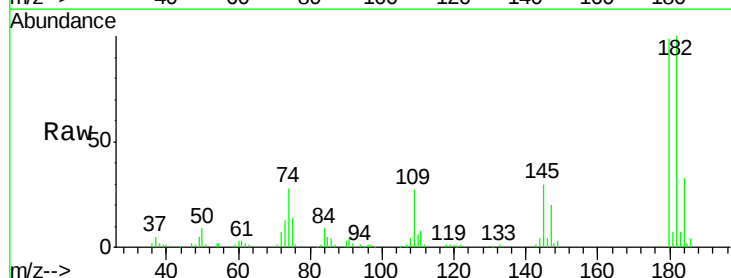
Tgt Ion:180 Resp: 87435

Ion Ratio Lower Upper

180 100

182 100.9 79.7 119.5

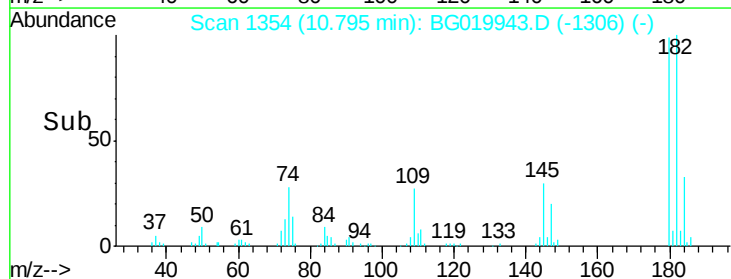
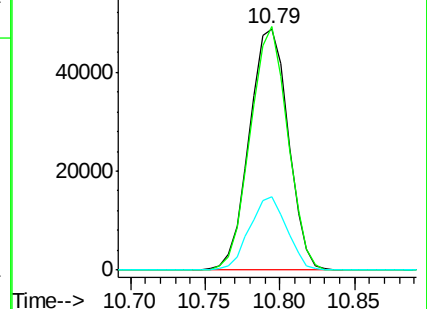
145 30.6 22.0 33.0

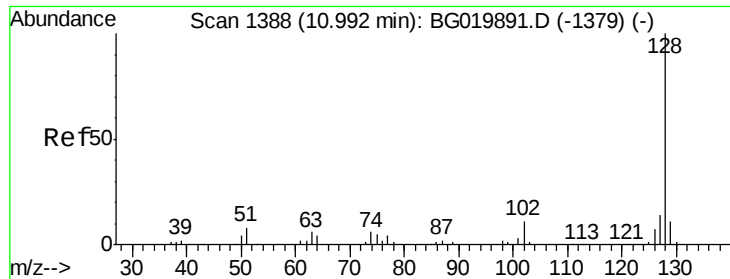


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

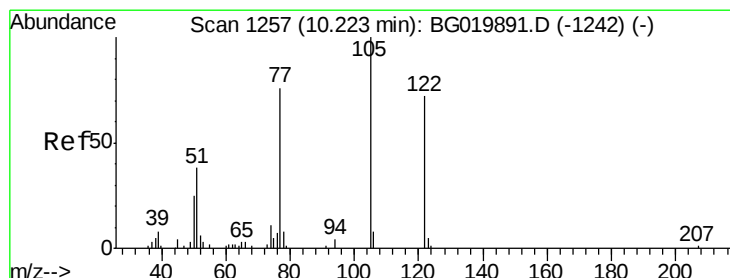
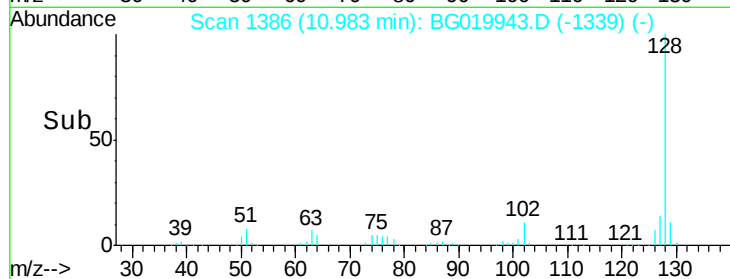
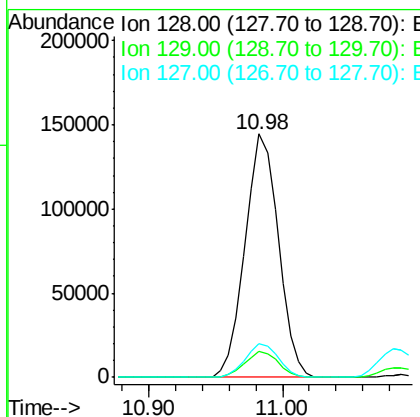
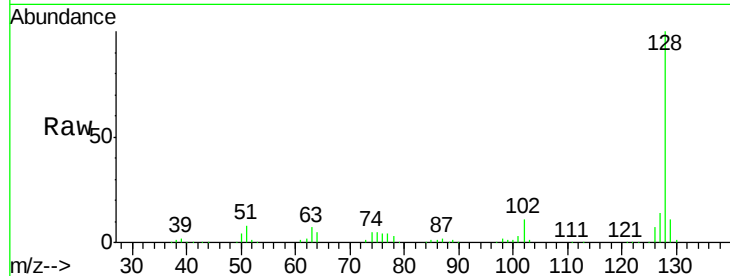




#31
Naphthalene
Concen: 22.03 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

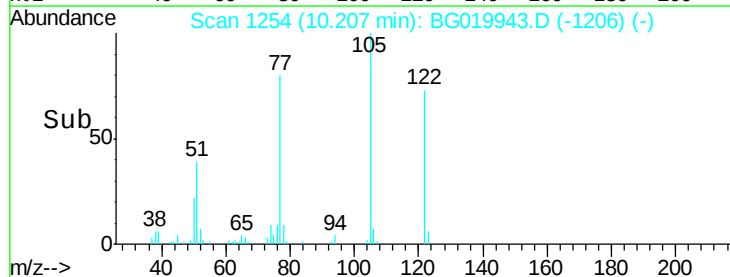
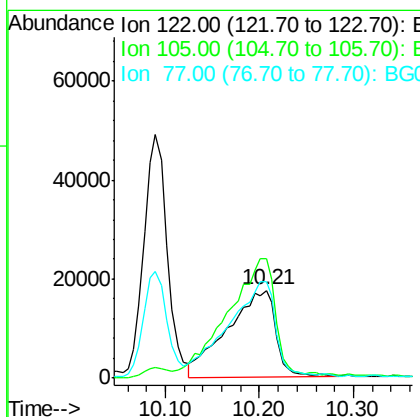
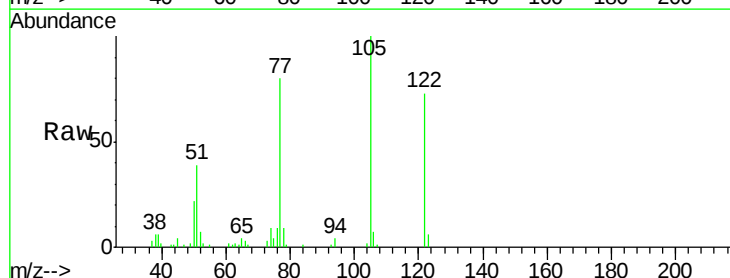
Instrument :
BNA_G
ClientSampleId :
PB87030BS

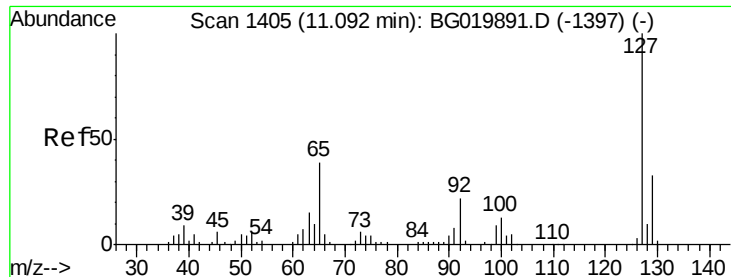
Tgt Ion:128 Resp: 249323
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.9 10.6 16.0



#32
Benzoic acid
Concen: 28.35 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:122 Resp: 62174
Ion Ratio Lower Upper
122 100
105 136.3 103.8 143.8
77 109.6 68.8 108.8#

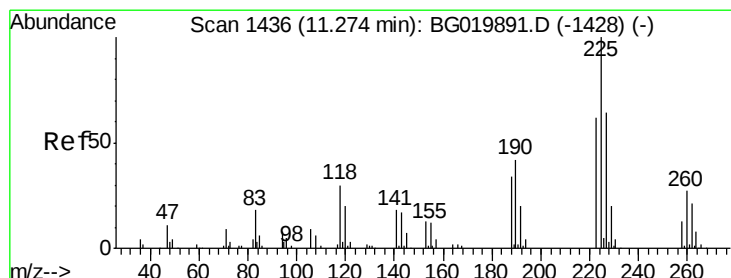
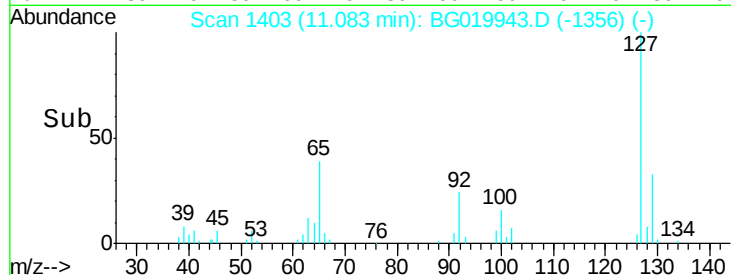
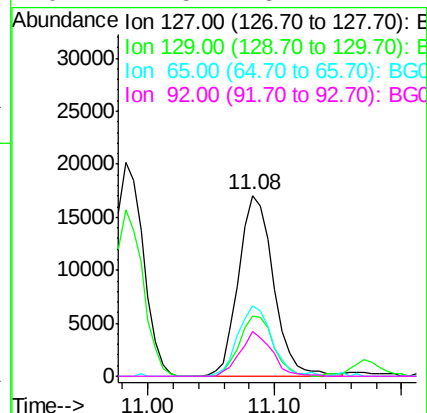
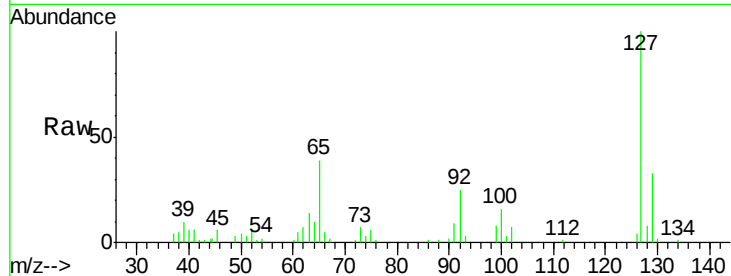




#33
4-Chloroaniline
Concen: 6.55 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

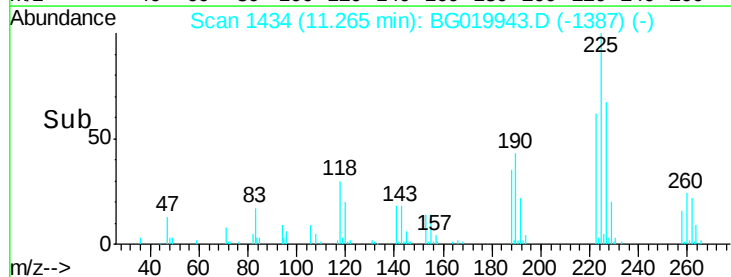
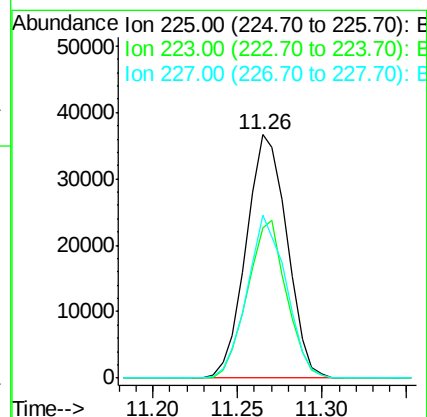
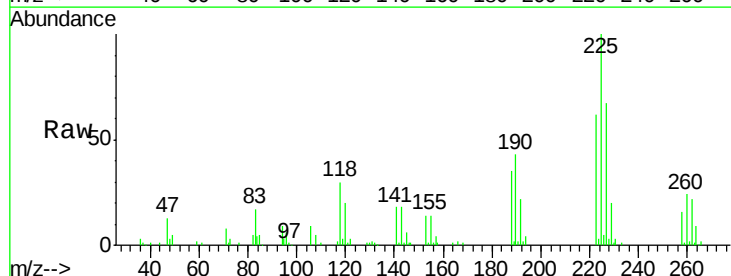
Instrument :
BNA_G
ClientSampleId :
PB87030BS

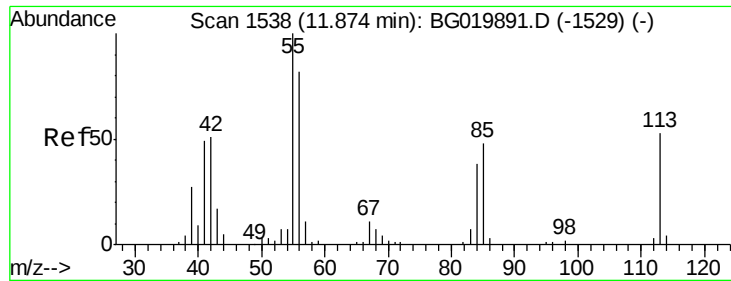
Tgt Ion:	127	Resp:	32659
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.6	37.0
65	38.9	22.6	33.8
92	24.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 20.06 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:	225	Resp:	61700
Ion	Ratio	Lower	Upper
225	100		
223	59.0	51.0	76.4
227	63.9	51.8	77.8





#35

Caprolactam

Concen: 16.29 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleID :

PB87030BS

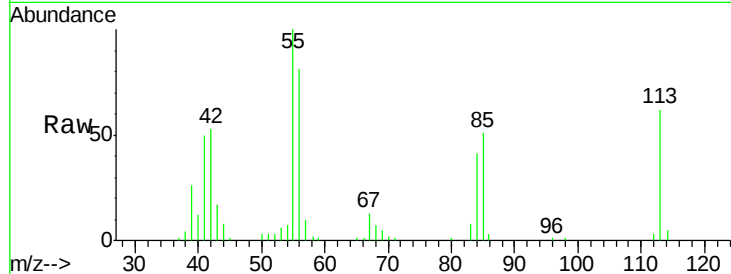
Tgt Ion:113 Resp: 22370

Ion Ratio Lower Upper

113 100

55 160.6 135.0 175.0

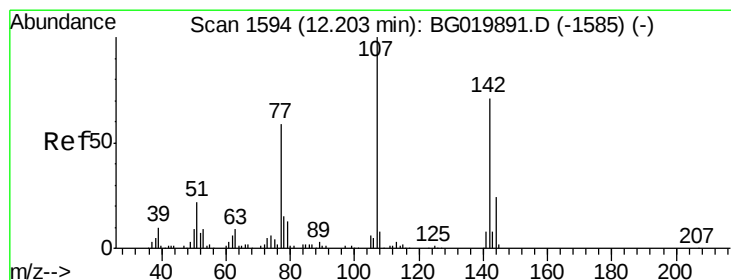
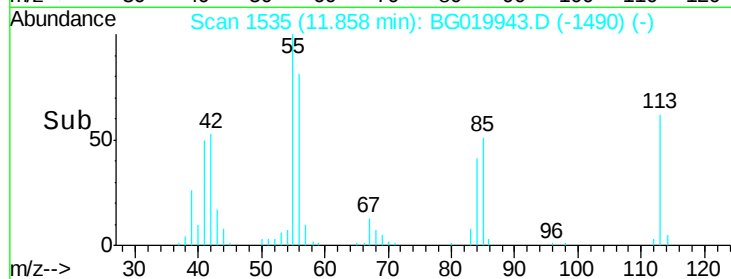
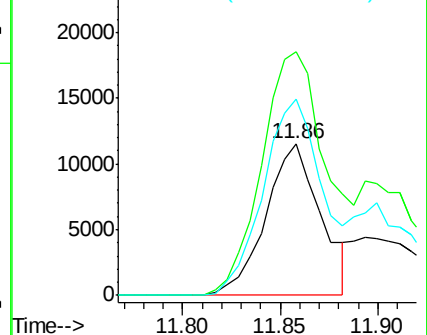
56 129.8 83.4 123.4#



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: 23.83 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

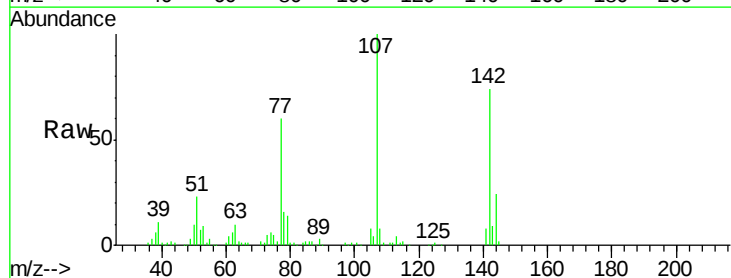
Tgt Ion:107 Resp: 109495

Ion Ratio Lower Upper

107 100

144 24.0 20.6 31.0

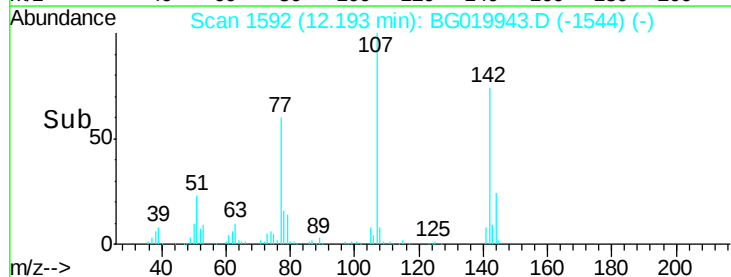
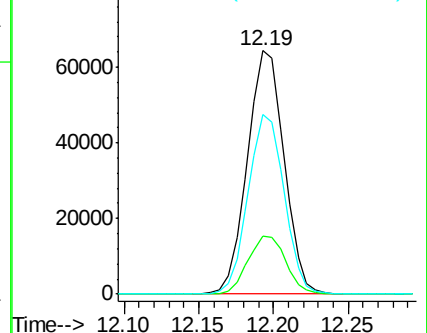
142 73.6 62.6 93.8

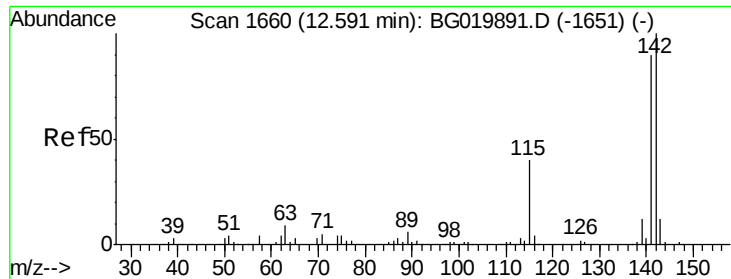


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

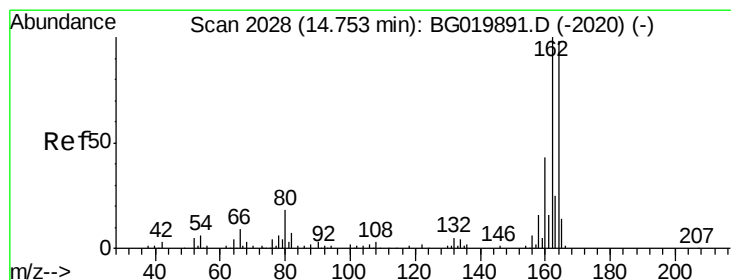
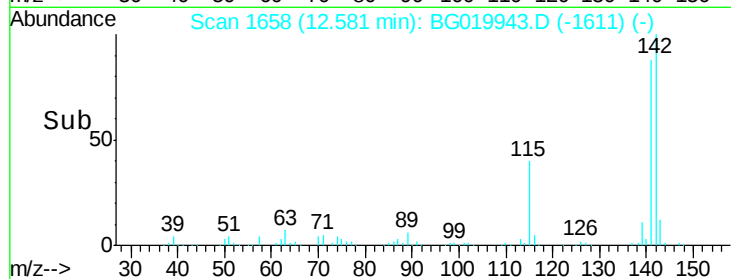
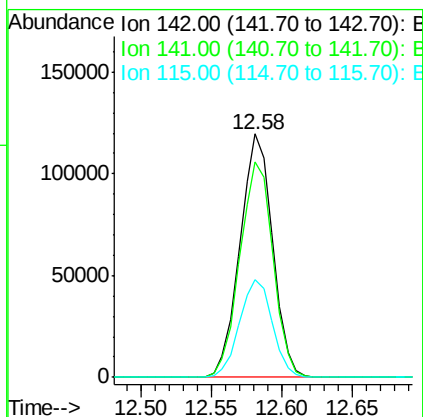
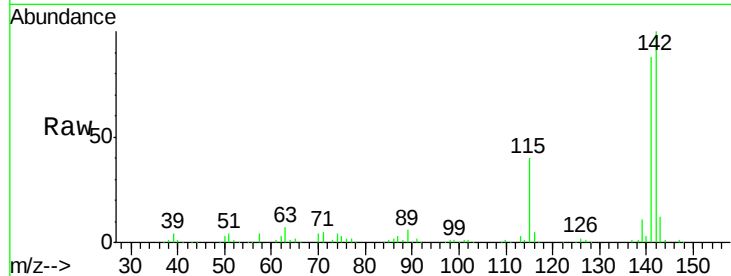




#37
2-Methylnaphthalene
Concen: 23.26 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

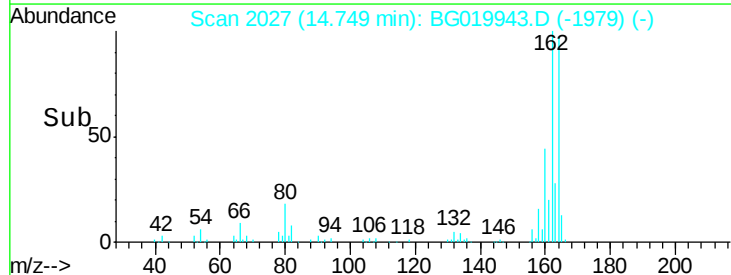
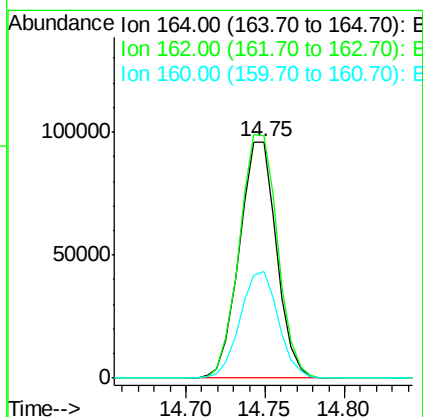
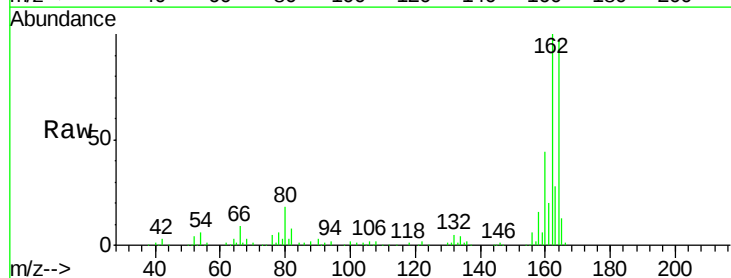
Instrument :
BNA_G
ClientSampleId :
PB87030BS

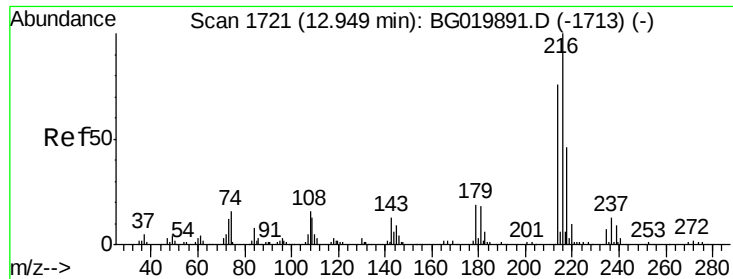
Tgt Ion:142 Resp: 192980
Ion Ratio Lower Upper
142 100
141 88.3 74.6 112.0
115 40.3 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:164 Resp: 155670
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 44.9 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.91 ng

RT: 12.95 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tgt Ion:216 Resp: 117593

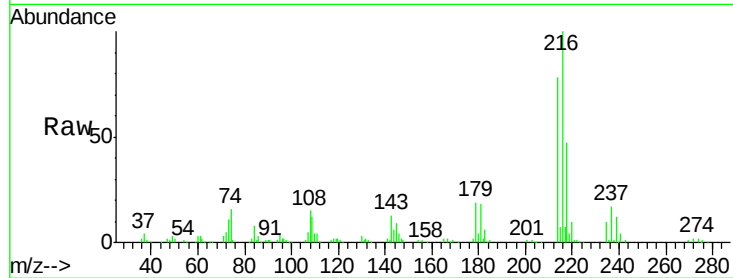
Ion Ratio Lower Upper

216 100

214 80.0 62.5 93.7

179 19.8 15.6 23.4

108 18.0 13.3 19.9

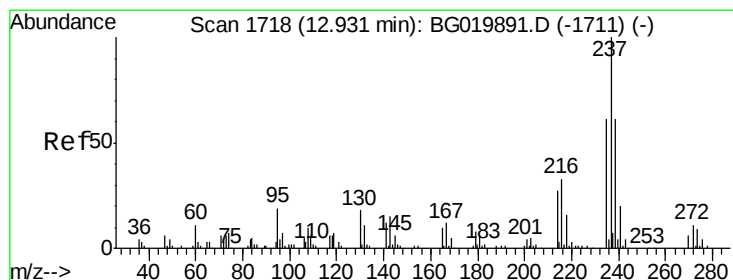
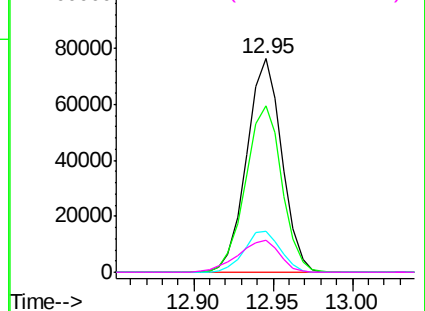
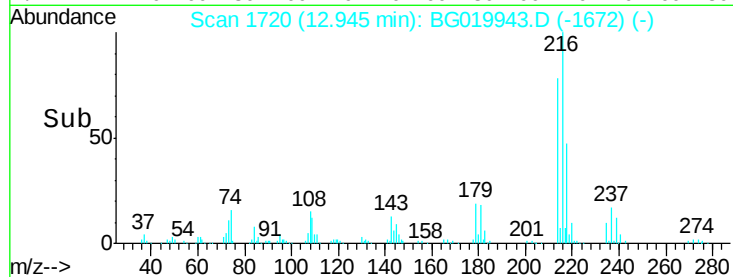


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.75 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

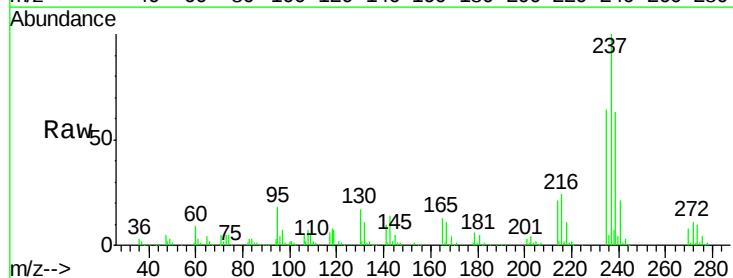
Tgt Ion:237 Resp: 130515

Ion Ratio Lower Upper

237 100

235 63.5 44.6 84.6

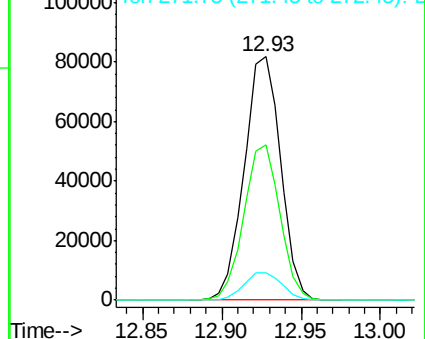
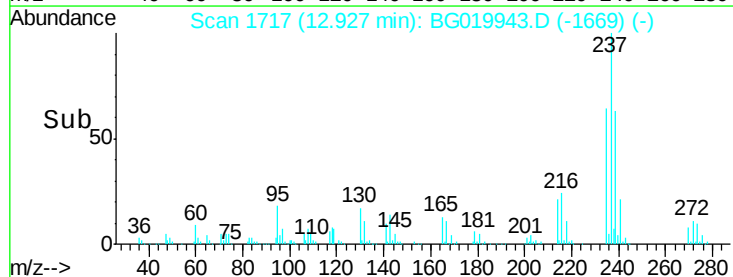
272 11.4 0.0 32.8

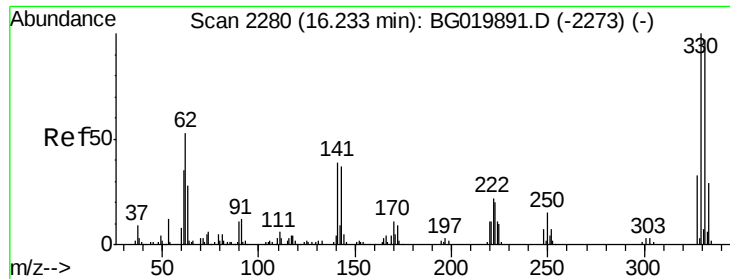


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

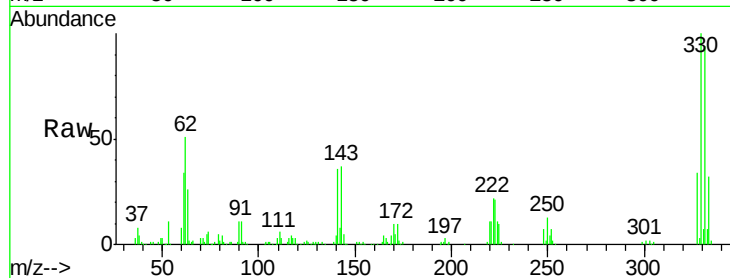




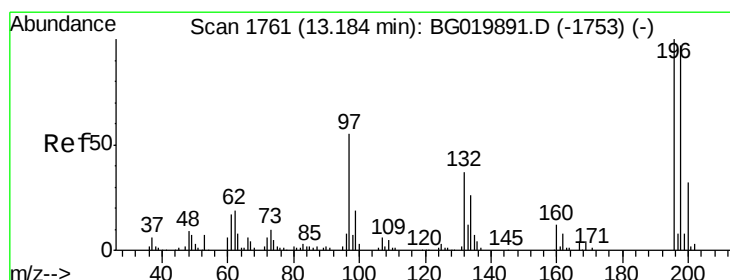
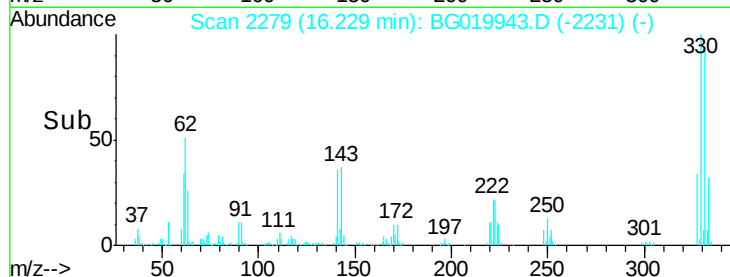
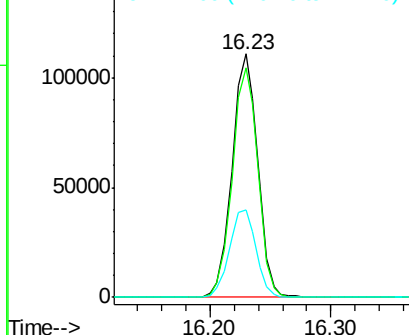
#41
 2,4,6-Tribromophenol
 Concen: 68.76 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleID :
 PB87030BS

Tgt Ion:330 Resp: 163787
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.1 117.1
 141 37.2 28.2 42.2

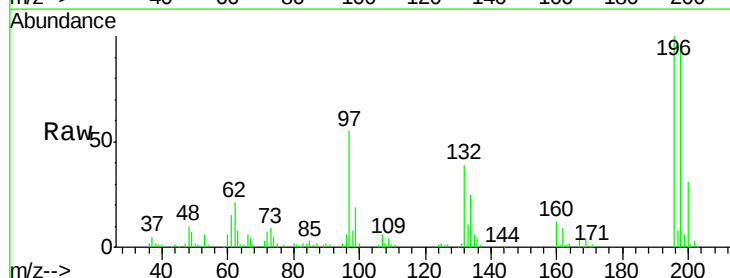


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

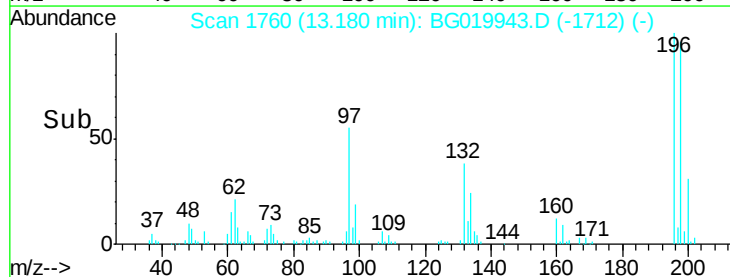
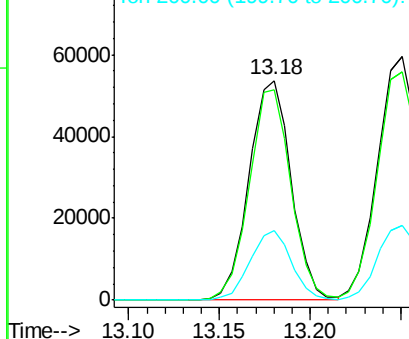


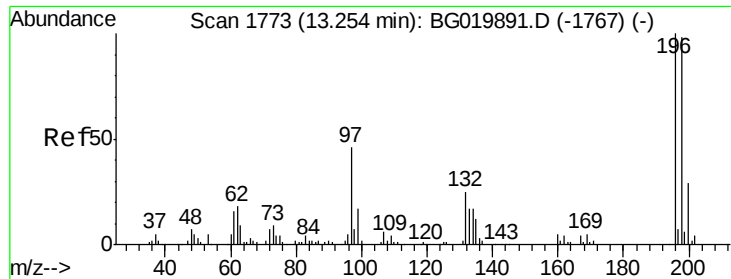
#42
 2,4,6-Trichlorophenol
 Concen: 22.29 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:196 Resp: 87174
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.7 112.1
 200 31.4 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

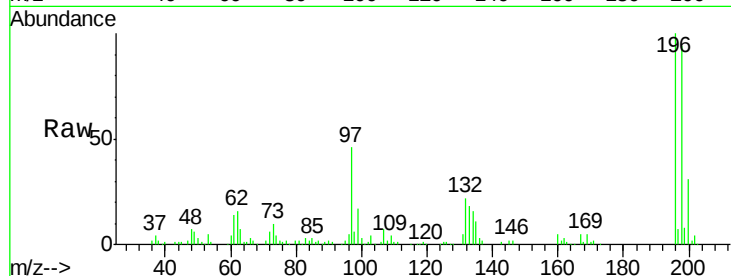




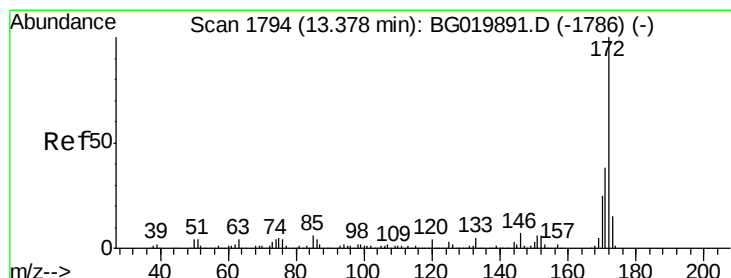
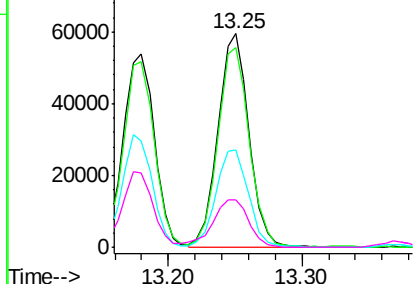
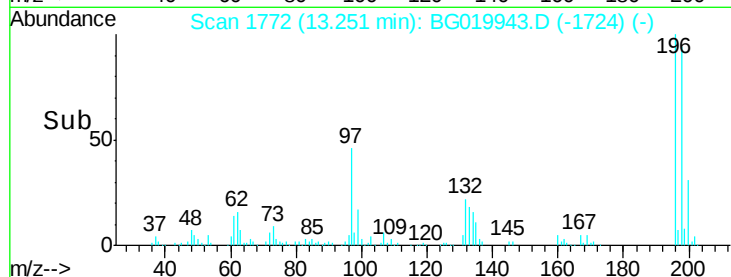
#43
 2,4,5-Trichlorophenol
 Concen: 23.45 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampled :
 PB87030BS

Tgt Ion:196 Resp: 96925
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.2 112.8
 97 45.6 34.2 51.2
 132 22.3 21.8 32.6

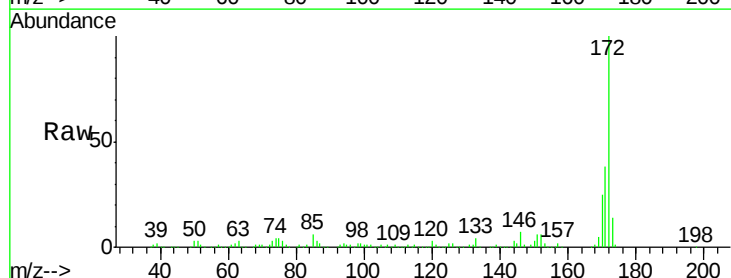


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

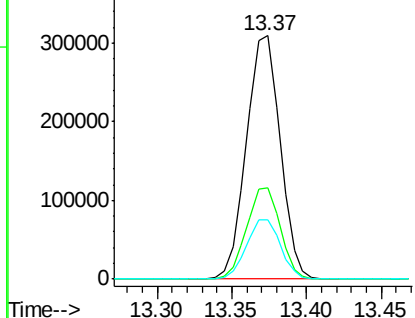
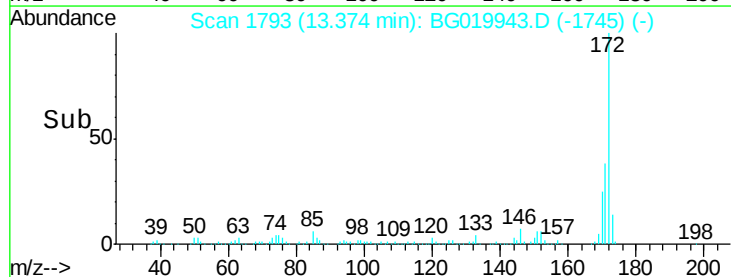


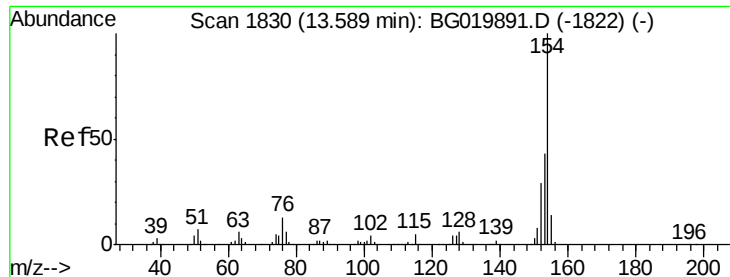
#44
 2-Fluorobiphenyl
 Concen: 42.29 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:172 Resp: 482135
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.5 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

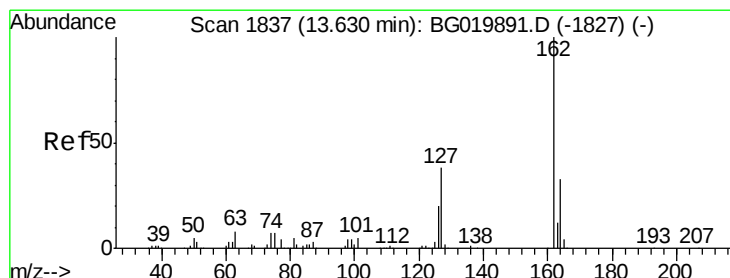
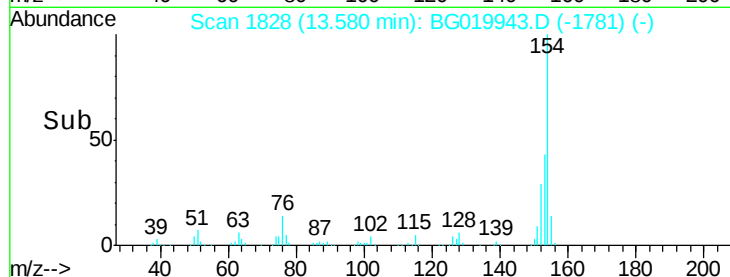
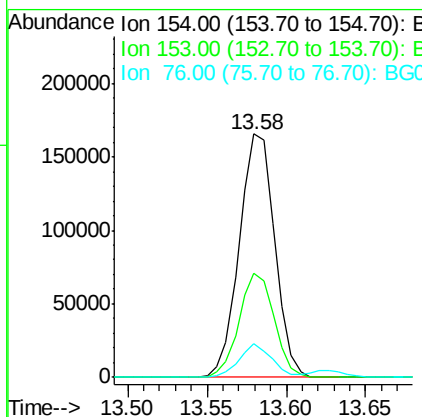
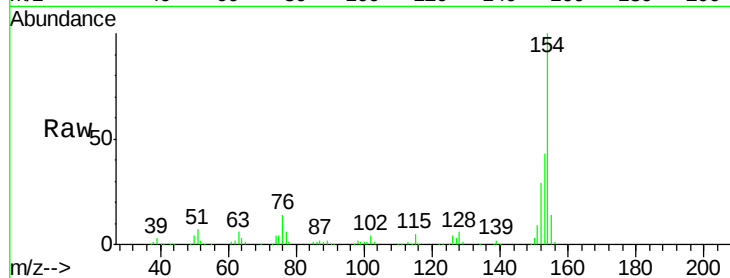




#45
 1,1'-Biphenyl
 Concen: 20.07 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

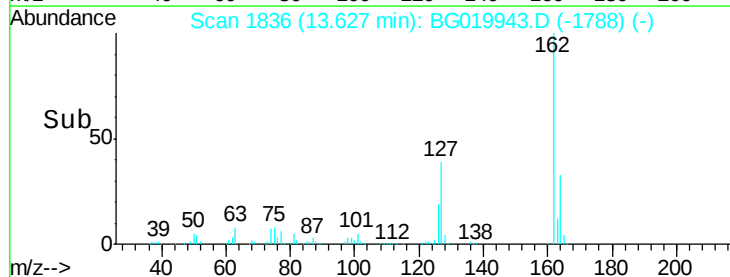
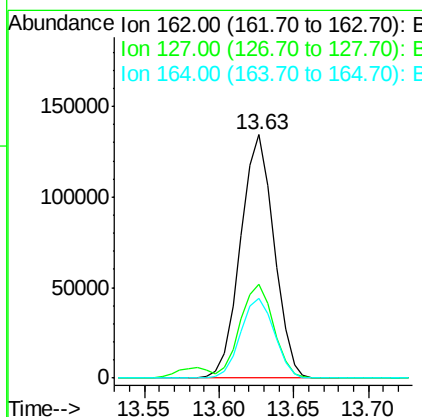
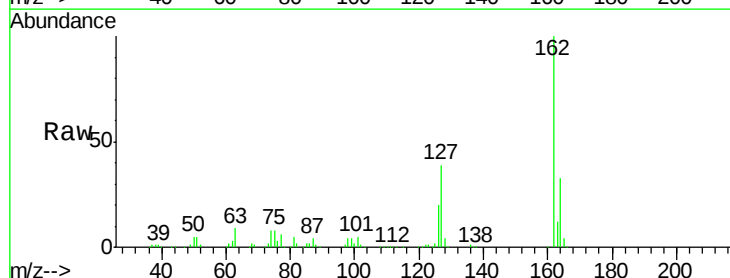
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

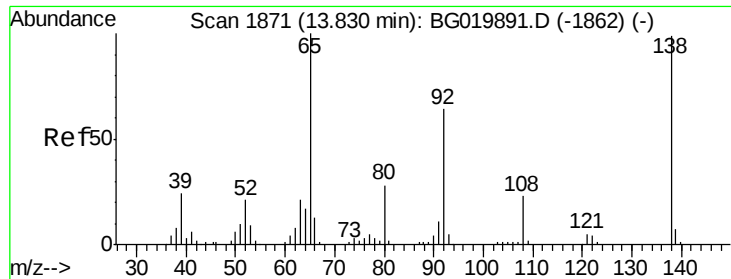
Tgt Ion:154 Resp: 256414
 Ion Ratio Lower Upper
 154 100
 153 42.9 21.9 61.9
 76 14.1 0.0 33.2



#46
 2-Chloronaphthalene
 Concen: 21.22 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:162 Resp: 209004
 Ion Ratio Lower Upper
 162 100
 127 38.7 28.3 42.5
 164 32.7 27.4 41.0

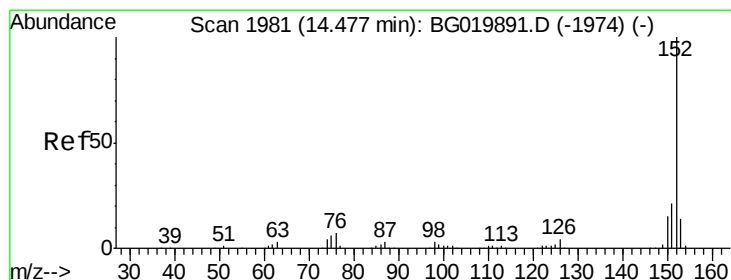
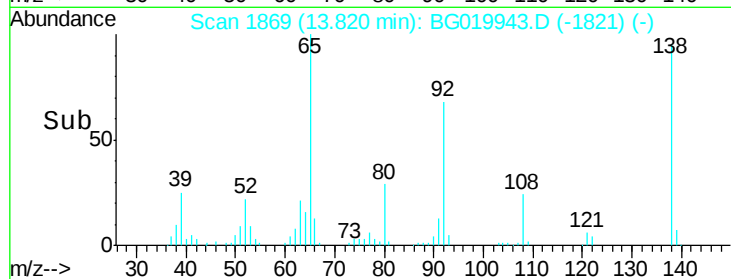
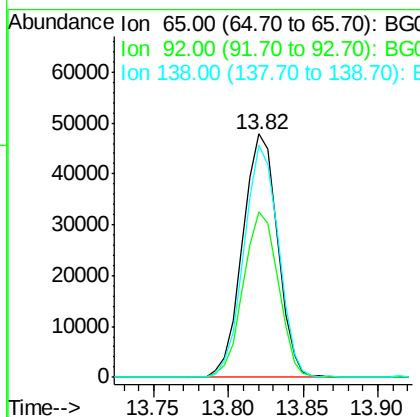
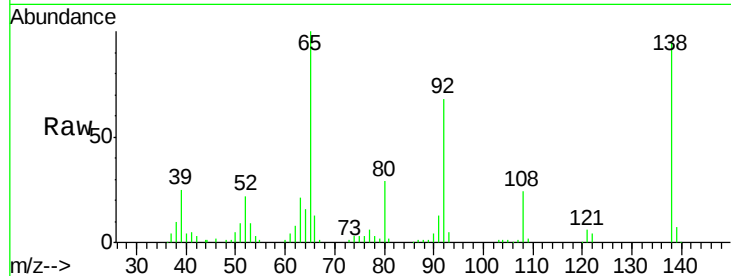




#47
2-Nitroaniline
Concen: 24.92 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

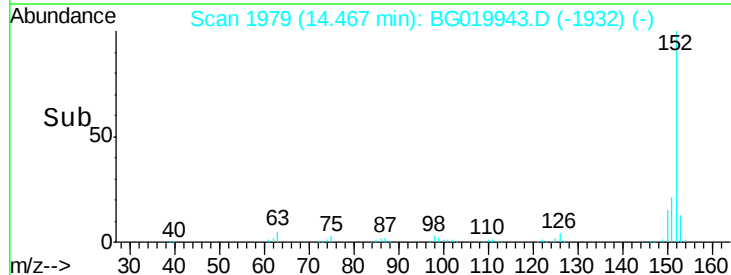
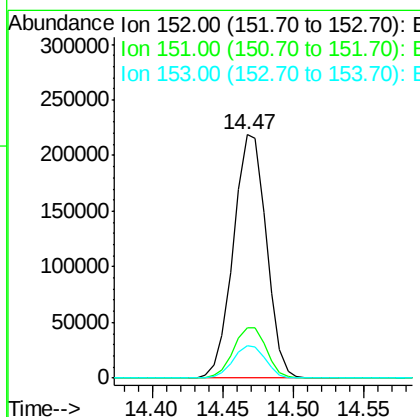
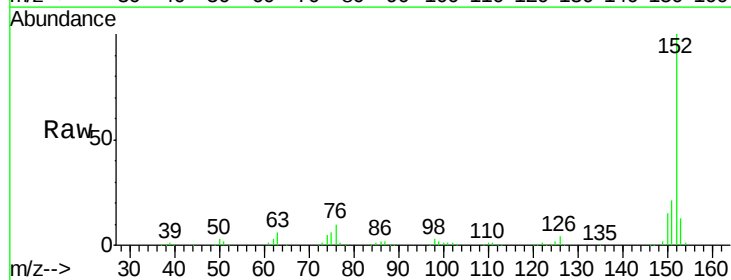
Instrument :
BNA_G
ClientSampleId :
PB87030BS

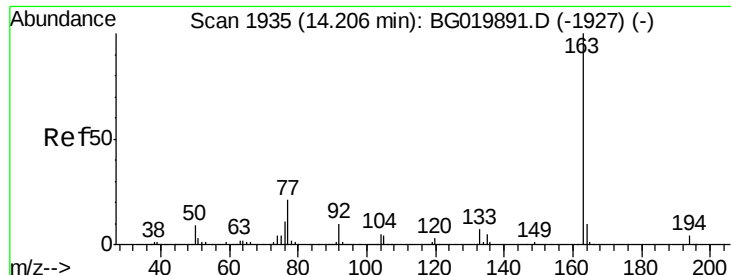
Tgt Ion: 65 Resp: 77508
Ion Ratio Lower Upper
65 100
92 68.0 54.8 82.2
138 95.5 89.6 134.4



#48
Acenaphthylene
Concen: 21.27 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion: 152 Resp: 356775
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.4
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 20.74 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

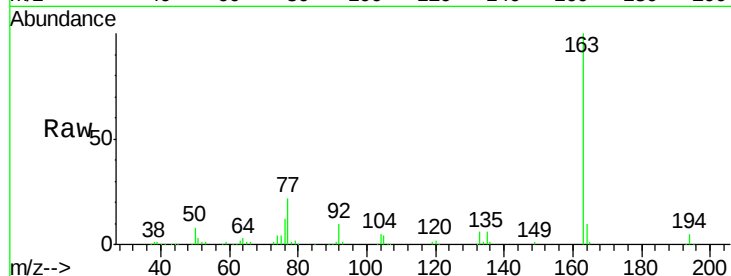
Tgt Ion:163 Resp: 290460

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

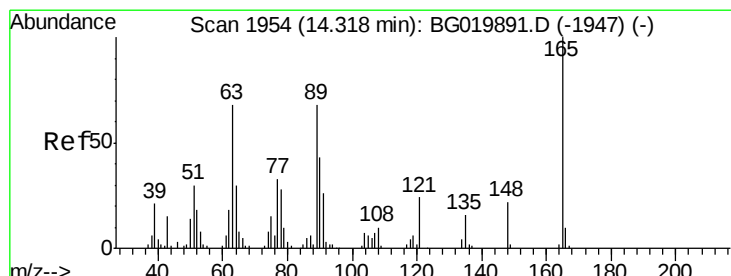
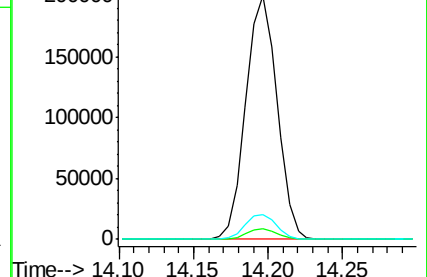
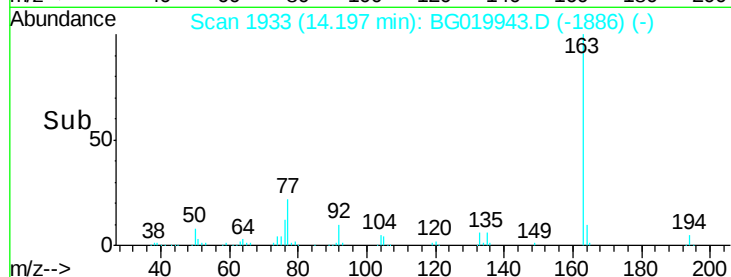
164 10.2 8.8 13.2



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: 24.21 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

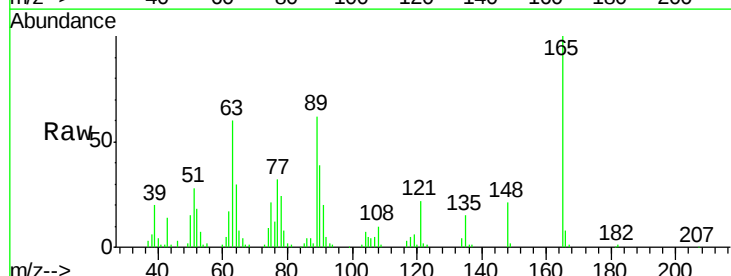
Tgt Ion:165 Resp: 63742

Ion Ratio Lower Upper

165 100

63 60.3 35.7 53.5#

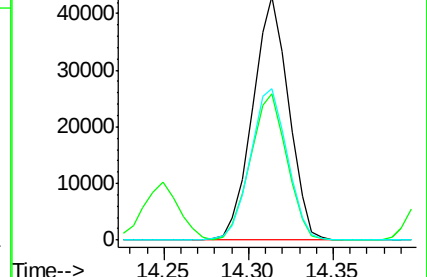
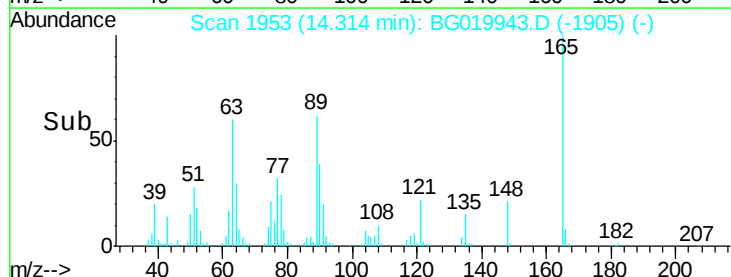
89 62.0 39.7 59.5#

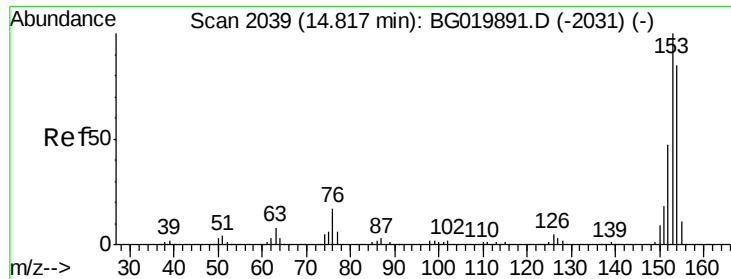


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 24.34 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

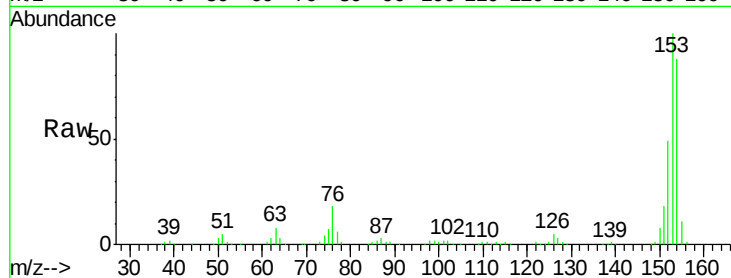
Tgt Ion:154 Resp: 247767

Ion Ratio Lower Upper

154 100

153 113.2 92.9 139.3

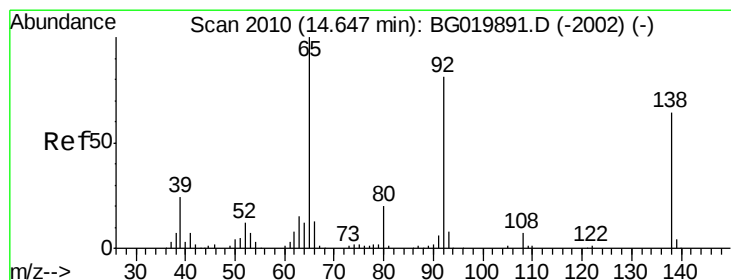
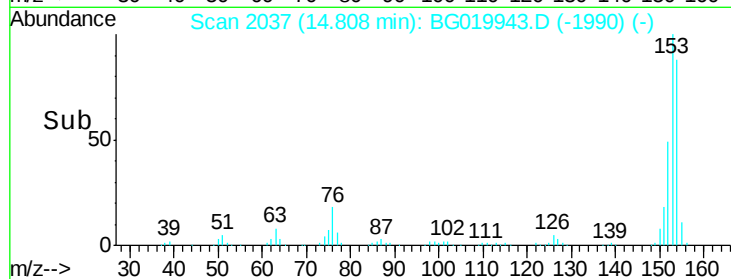
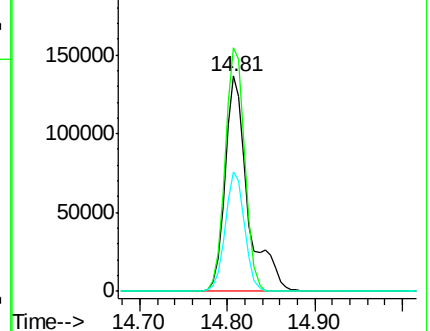
152 55.4 45.8 68.8



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: 13.80 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

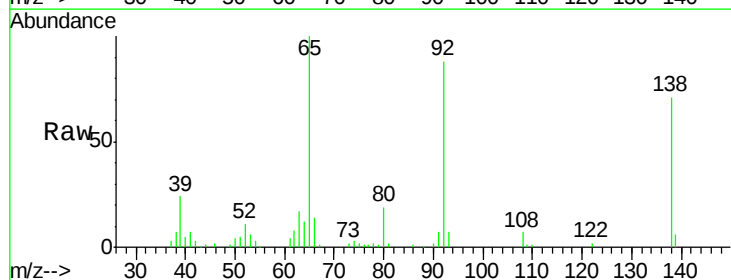
Tgt Ion:138 Resp: 37734

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

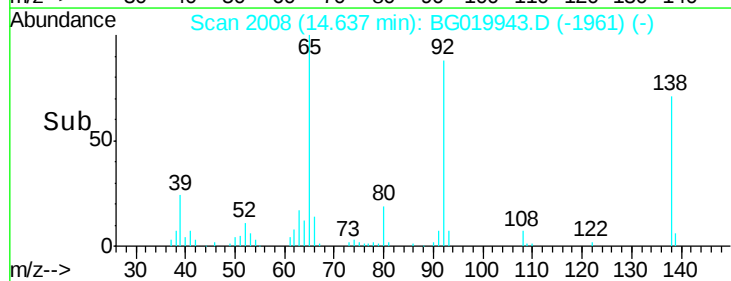
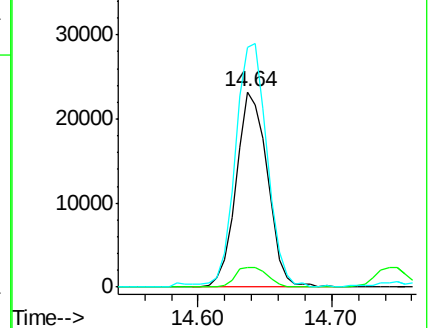
92 123.0 94.2 141.4

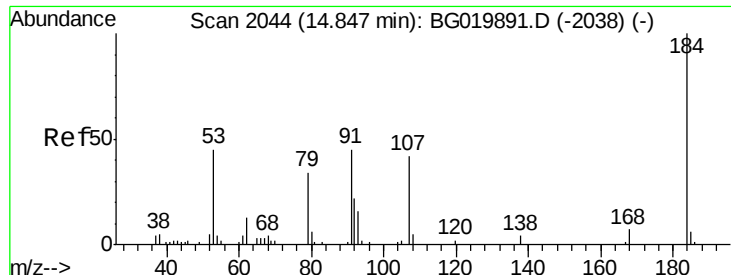


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

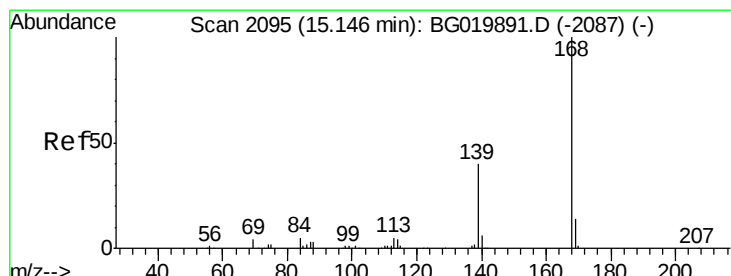
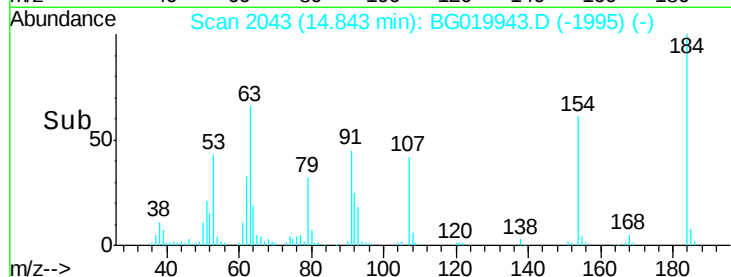
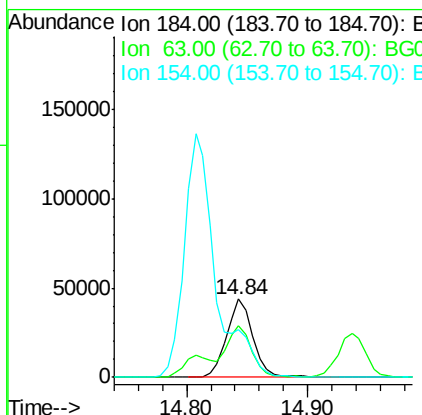
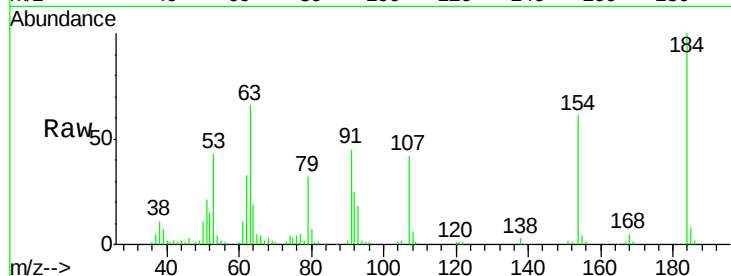




#53
 2,4-Dinitrophenol
 Concen: 51.52 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

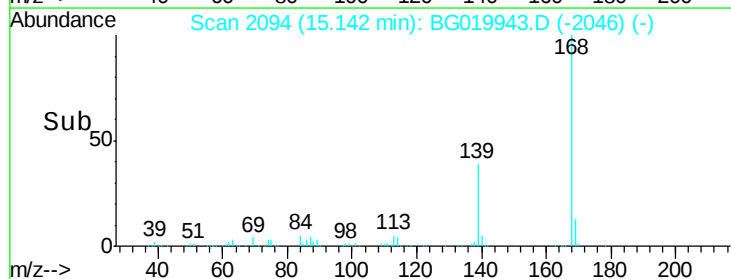
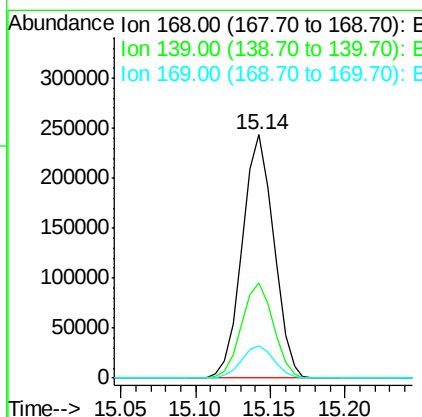
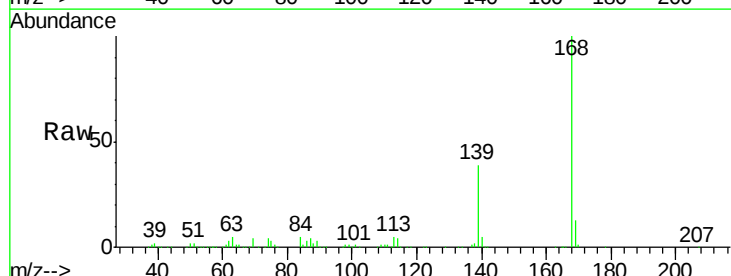
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

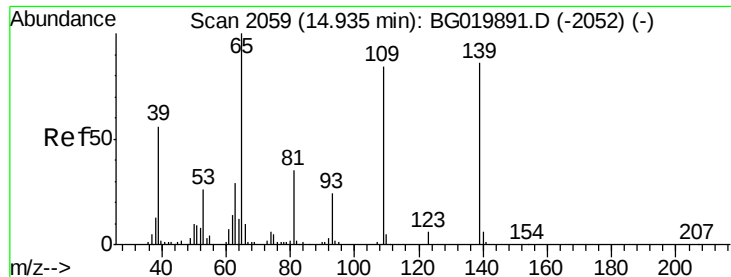
Tgt Ion:184 Resp: 66952
 Ion Ratio Lower Upper
 184 100
 63 66.4 42.7 64.1#
 154 60.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 23.61 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:168 Resp: 357420
 Ion Ratio Lower Upper
 168 100
 139 39.0 27.4 41.0
 169 13.4 11.0 16.4

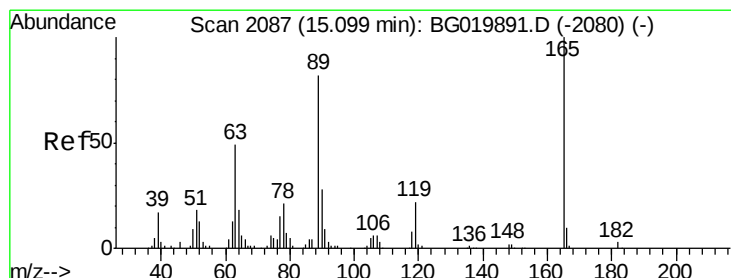
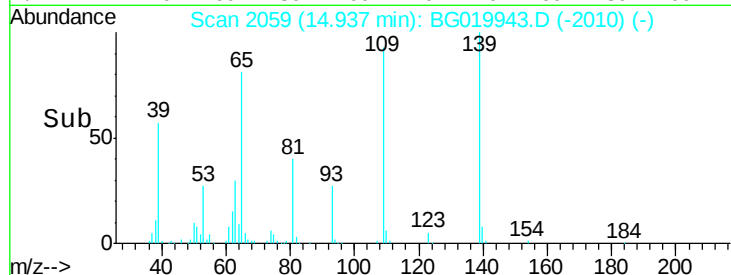
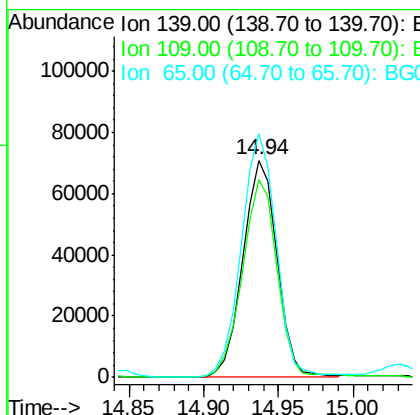
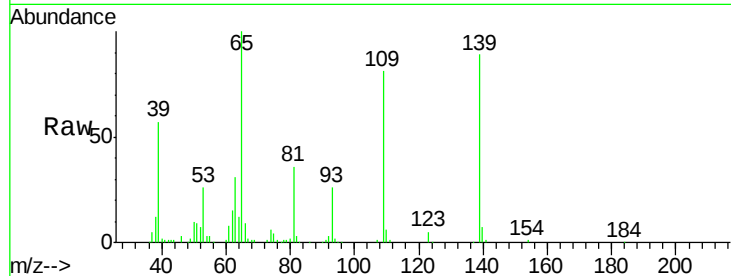




#55
4-Nitrophenol
Concen: 47.16 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

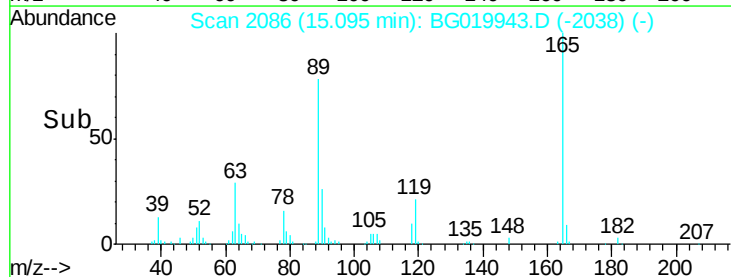
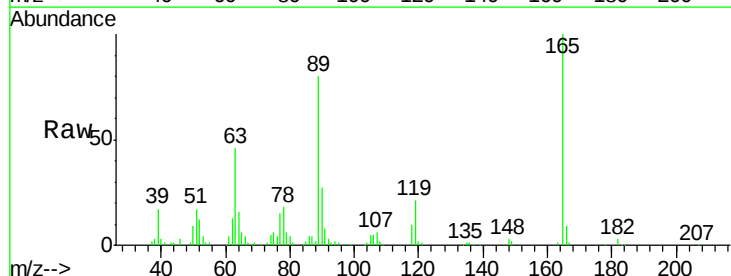
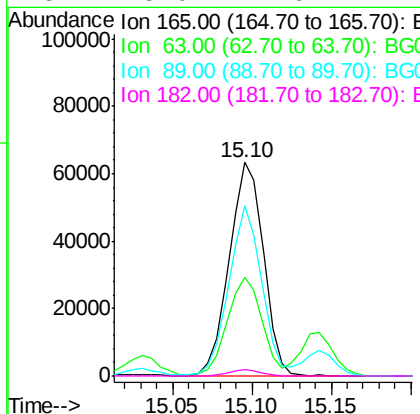
Instrument :
BNA_G
ClientSampleId :
PB87030BS

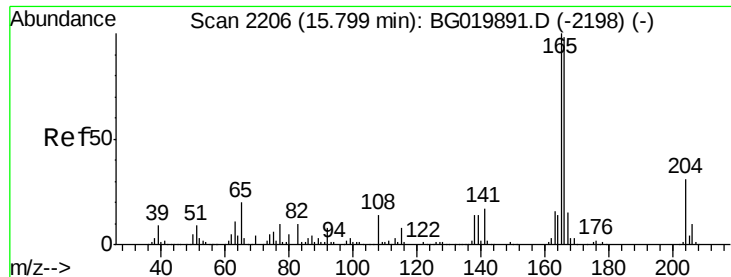
Tgt Ion:139 Resp: 112336
Ion Ratio Lower Upper
139 100
109 91.1 43.2 83.2#
65 112.0 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 25.82 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:165 Resp: 94834
Ion Ratio Lower Upper
165 100
63 46.0 31.0 46.4
89 79.7 54.4 81.6
182 3.0 1.6 2.4#





#57

Fluorene

Concen: 21.30 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

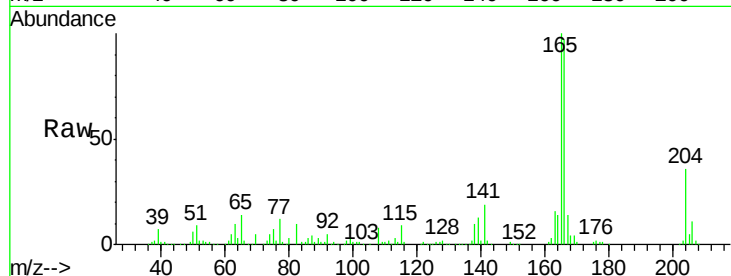
Tgt Ion:166 Resp: 288636

Ion Ratio Lower Upper

166 100

165 103.3 80.0 120.0

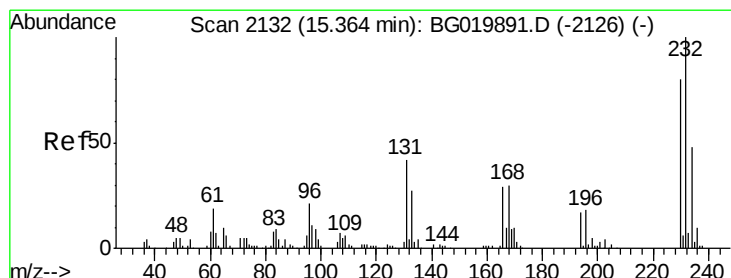
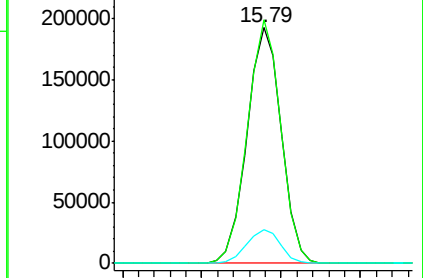
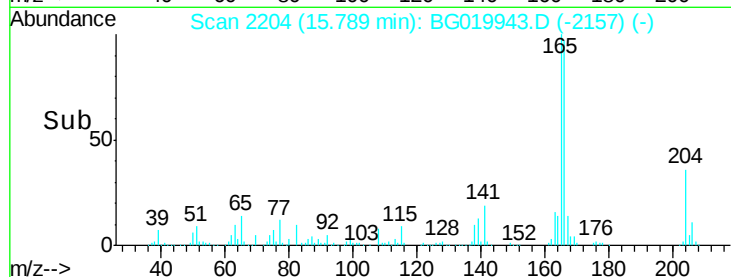
167 14.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.23 ng

RT: 15.36 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion:232 Resp: 96508

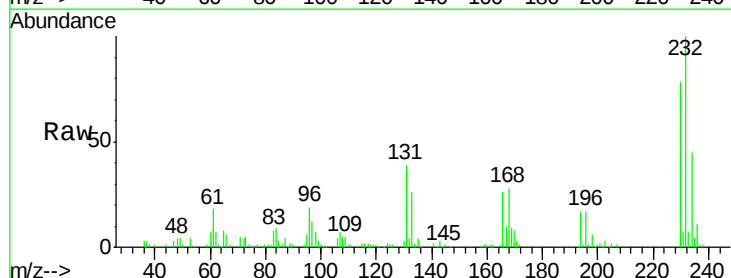
Ion Ratio Lower Upper

232 100

131 40.0 33.0 49.6

130 2.4 2.0 3.0

166 26.9 24.1 36.1

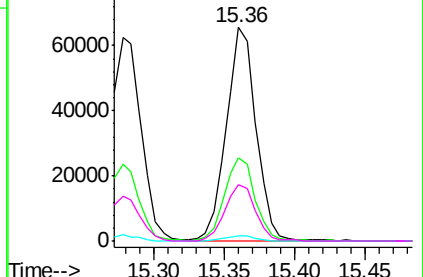
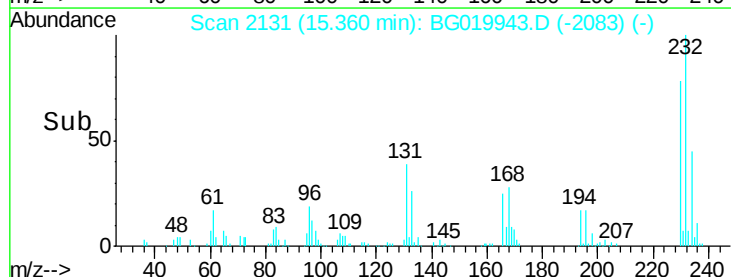


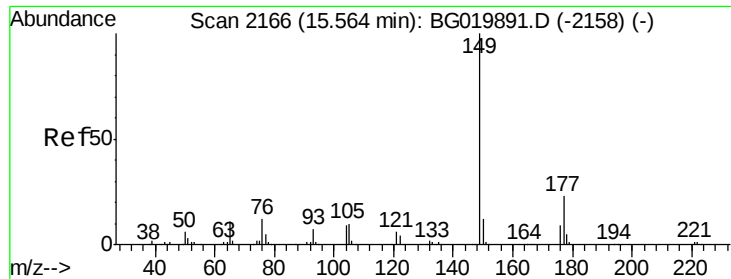
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 20.54 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

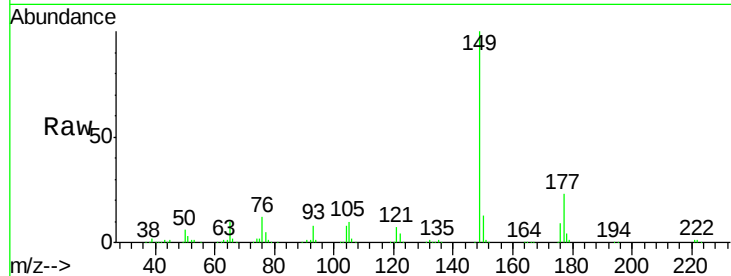
Tgt Ion:149 Resp: 311277

Ion Ratio Lower Upper

149 100

177 22.9 19.6 29.4

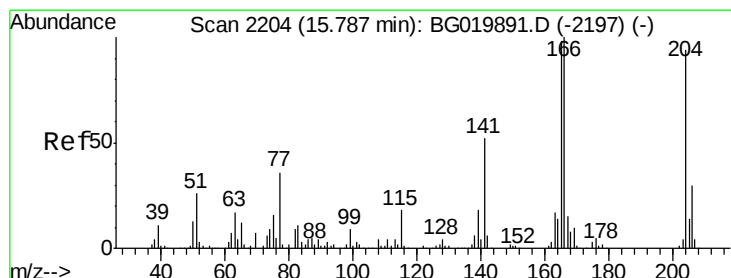
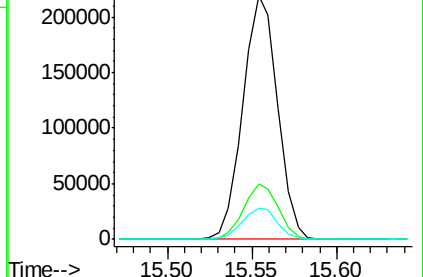
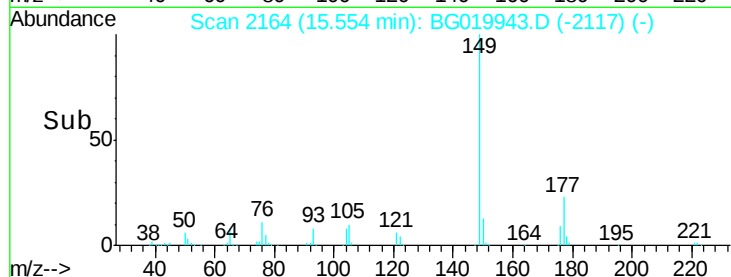
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.47 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

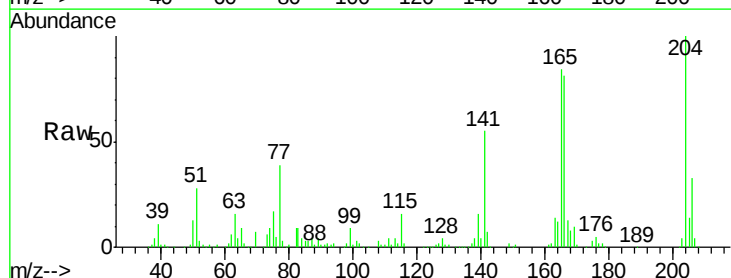
Tgt Ion:204 Resp: 159305

Ion Ratio Lower Upper

204 100

206 33.0 28.3 42.5

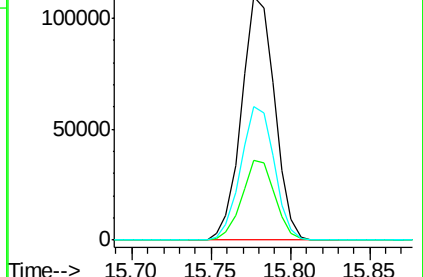
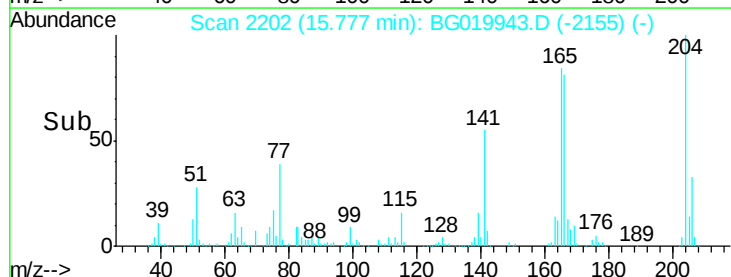
141 55.1 44.0 66.0

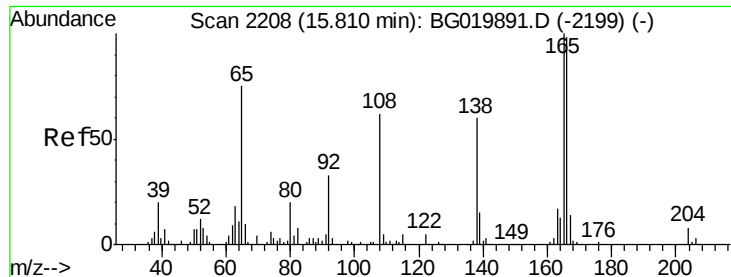


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 22.99 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

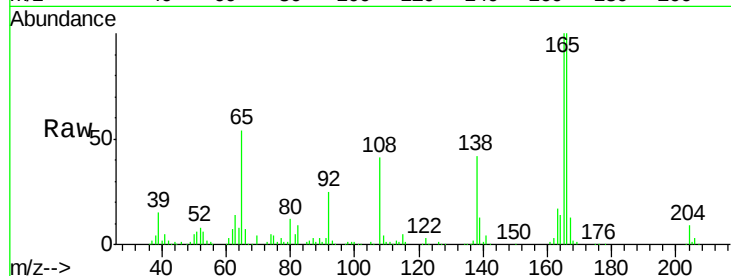
Tgt Ion:138 Resp: 70727

Ion Ratio Lower Upper

138 100

92 59.5 29.1 69.1

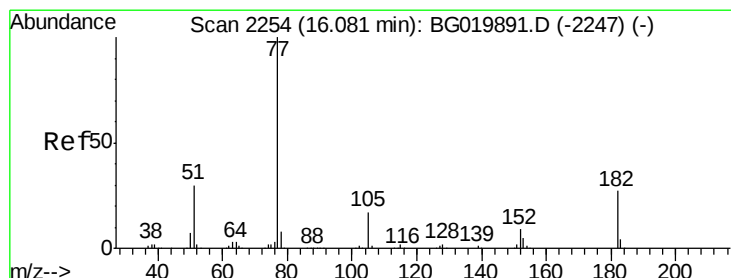
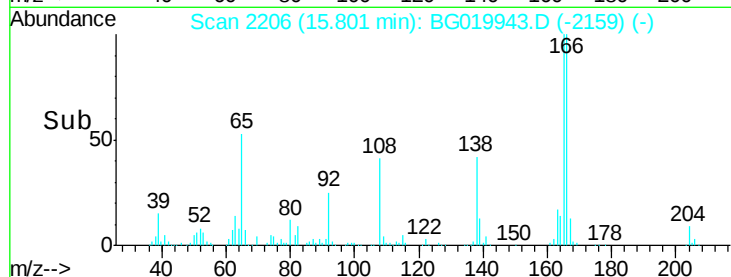
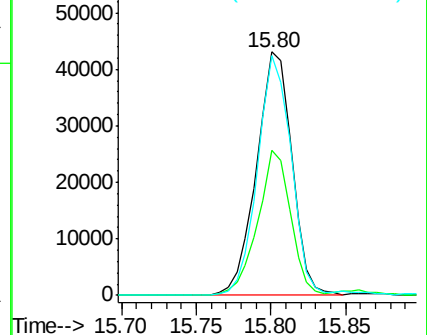
108 98.4 49.8 89.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 23.45 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Tgt Ion: 77 Resp: 295689

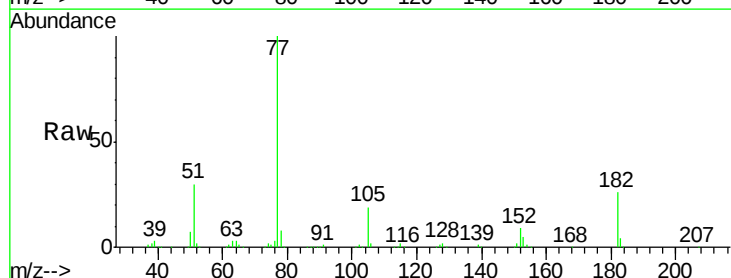
Ion Ratio Lower Upper

77 100

182 26.2 7.0 47.0

105 18.7 1.4 41.4

51 30.4 4.9 44.9

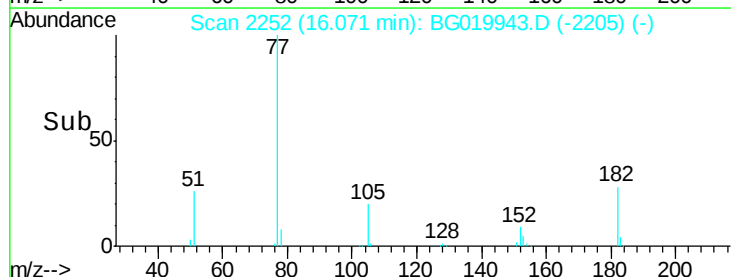
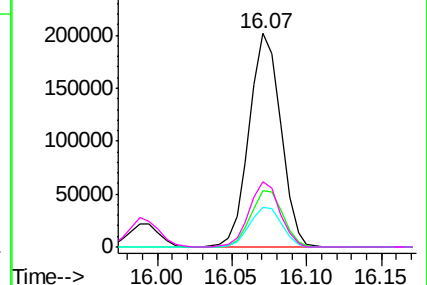


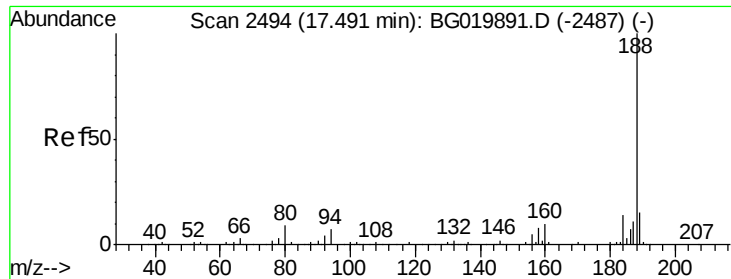
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

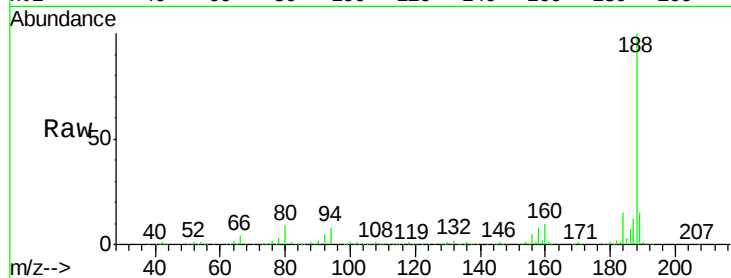




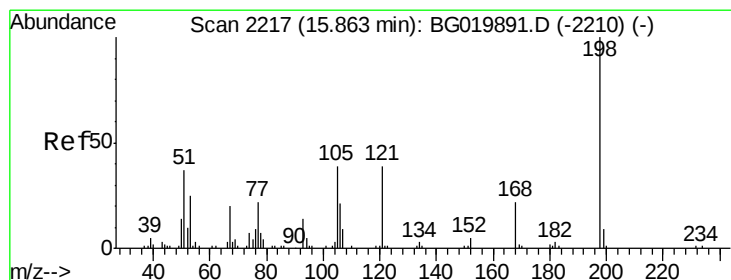
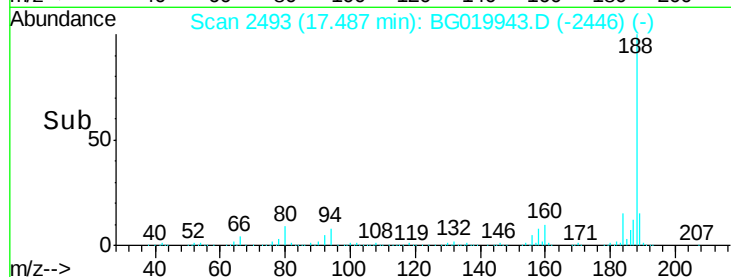
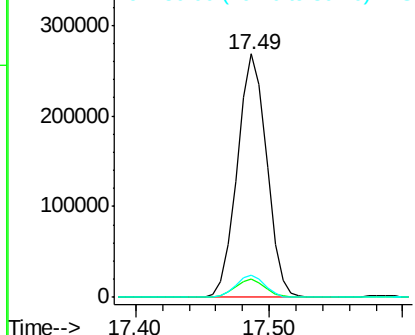
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tgt Ion:188 Resp: 408950
Ion Ratio Lower Upper
188 100
94 7.6 7.7 11.5#
80 9.1 7.8 11.8

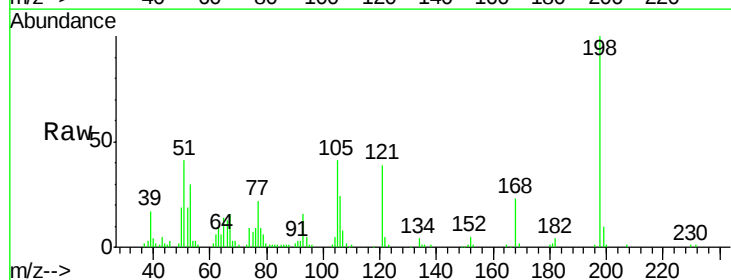


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

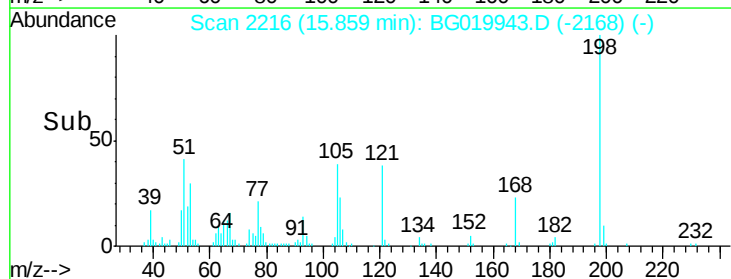
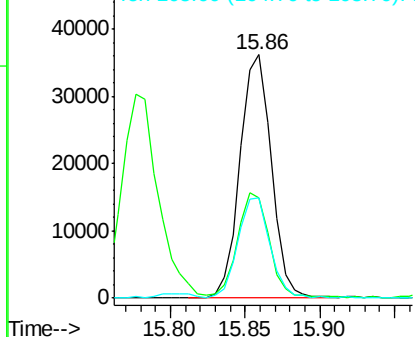


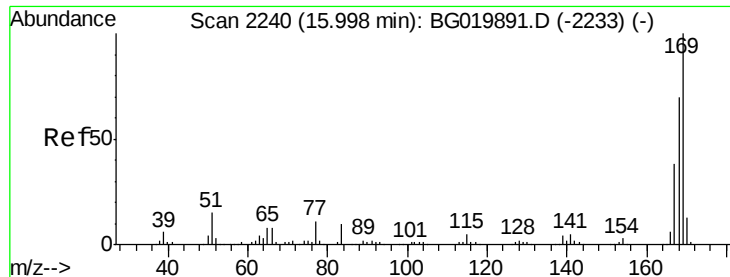
#64
4,6-Dinitro-2-methylphenol
Concen: 26.24 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:198 Resp: 53008
Ion Ratio Lower Upper
198 100
51 41.0 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

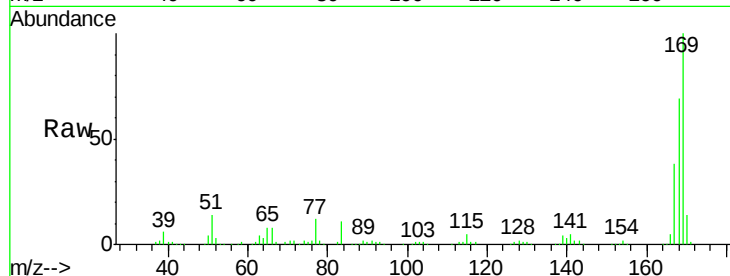




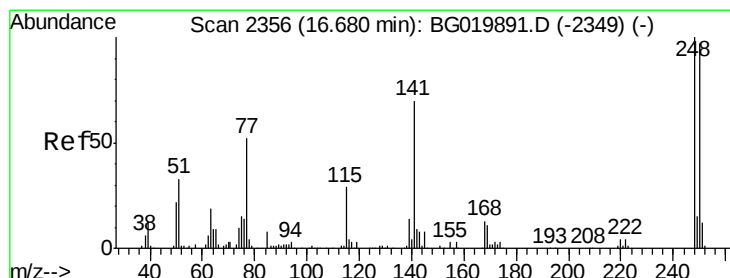
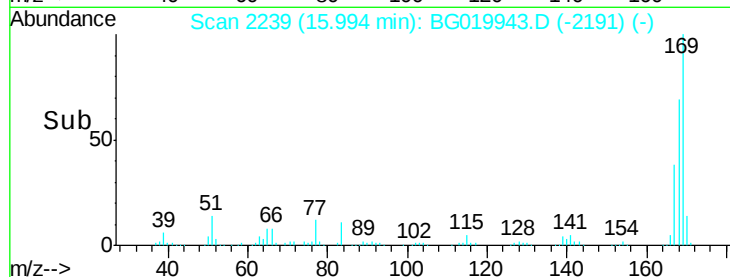
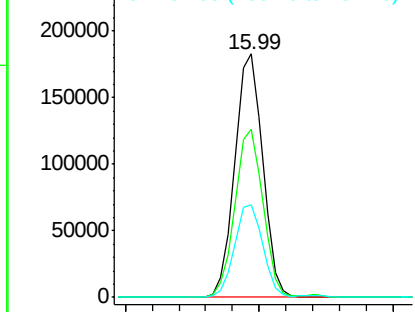
#65
 n-Nitrosodiphenylamine
 Concen: 22.51 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tgt Ion:169 Resp: 266411
 Ion Ratio Lower Upper
 169 100
 168 69.1 58.2 87.2
 167 38.1 32.7 49.1

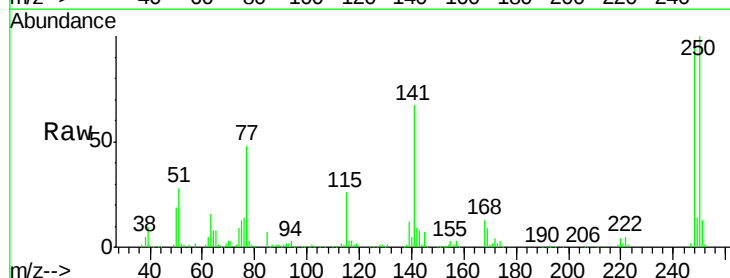


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

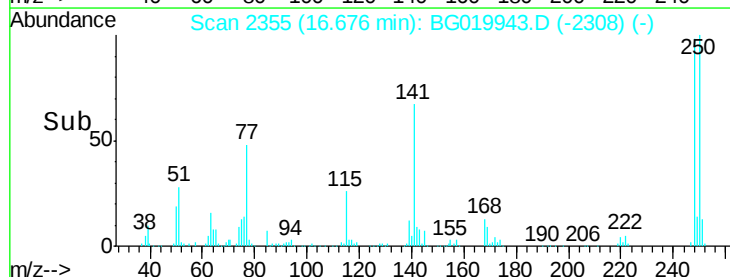
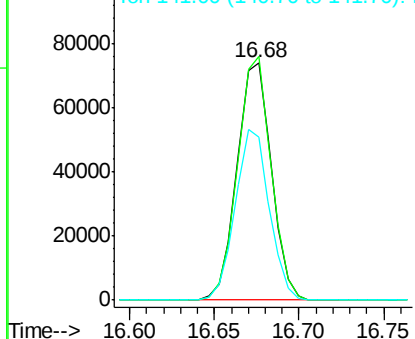


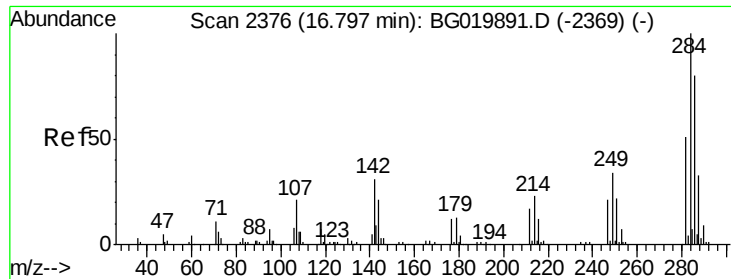
#66
 4-Bromophenyl-phenylether
 Concen: 20.69 ng
 RT: 16.68 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:248 Resp: 105141
 Ion Ratio Lower Upper
 248 100
 250 102.4 77.8 116.8
 141 68.3 50.4 75.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

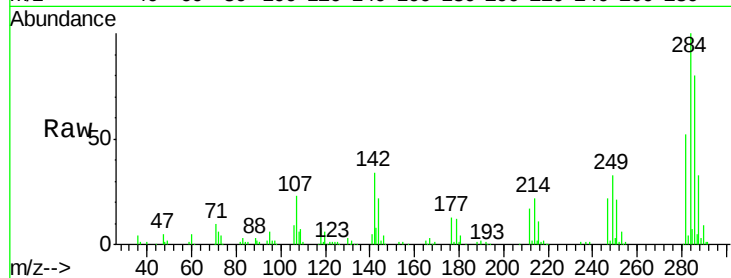




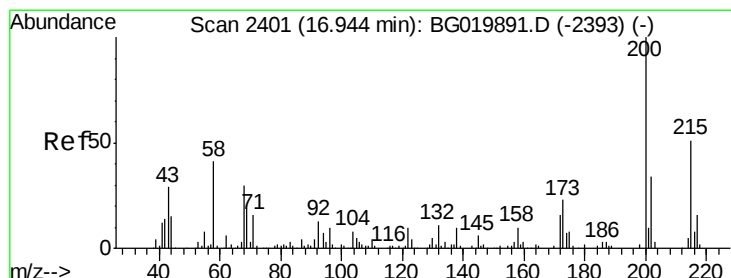
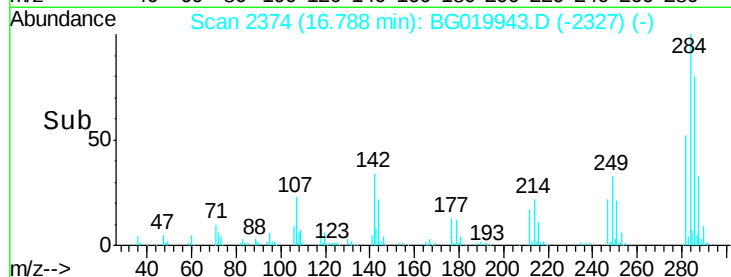
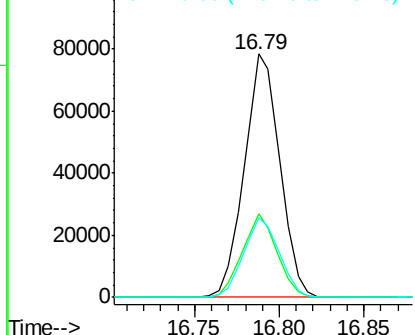
#67
Hexachlorobenzene
Concen: 21.67 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tgt Ion:284 Resp: 114697
Ion Ratio Lower Upper
284 100
142 34.1 26.6 39.8
249 32.8 26.2 39.2

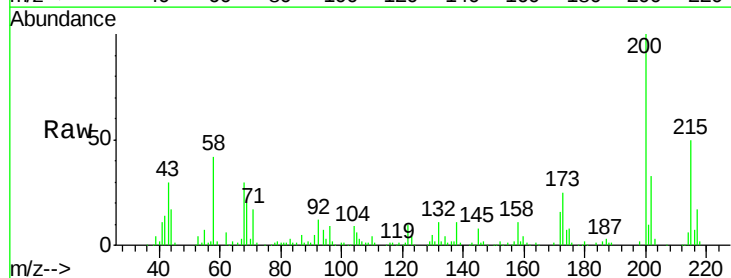


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

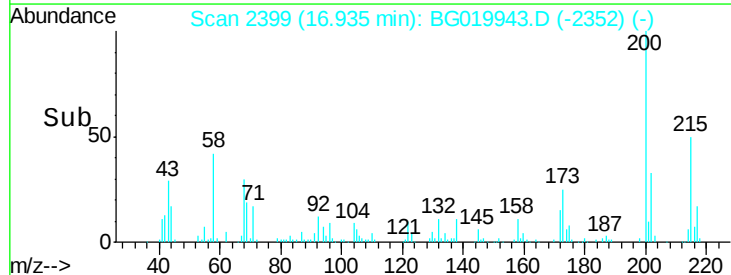
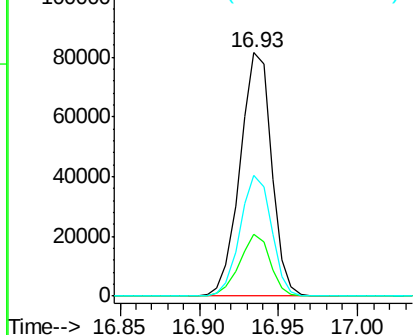


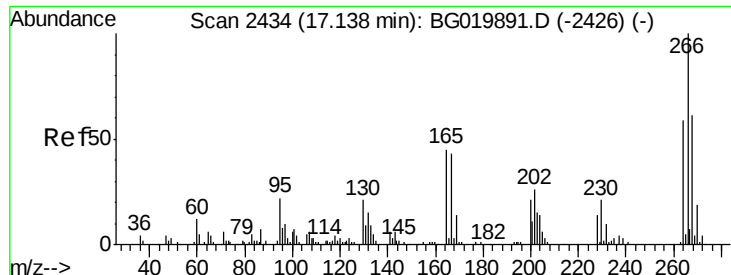
#68
Atrazine
Concen: 21.81 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:200 Resp: 112153
Ion Ratio Lower Upper
200 100
173 25.4 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

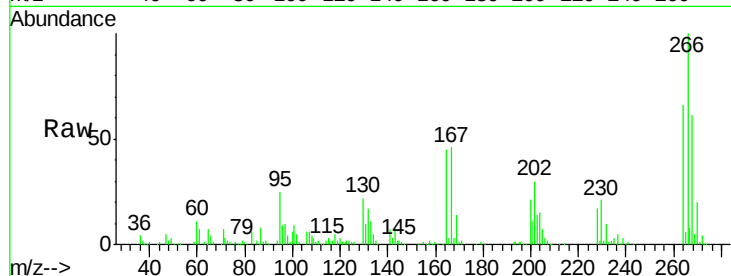




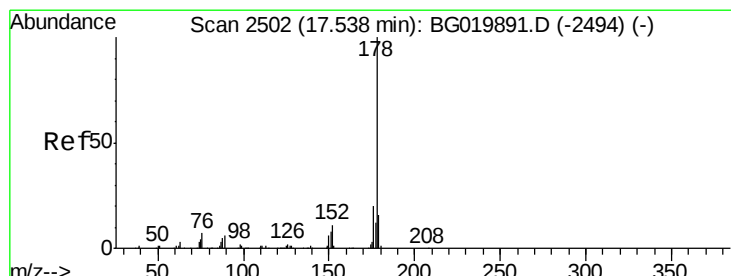
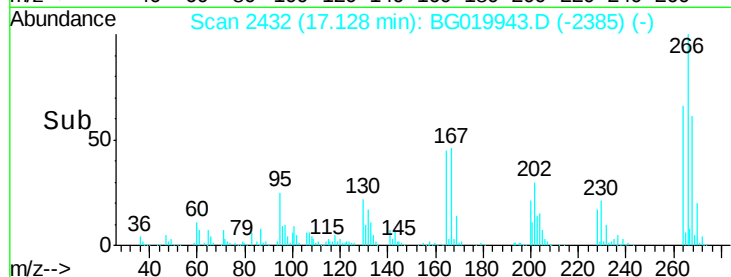
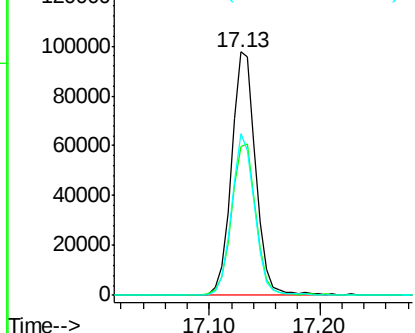
#69
 Pentachlorophenol
 Concen: 48.50 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tgt Ion: 266 Resp: 149844
 Ion Ratio Lower Upper
 266 100
 268 61.2 47.6 71.4
 264 66.3 48.1 72.1

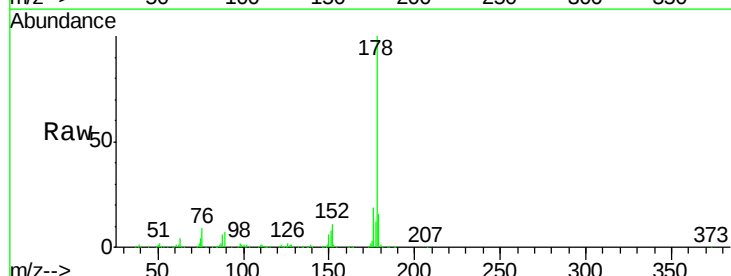


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

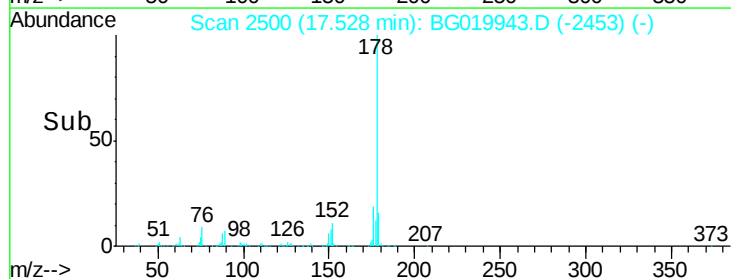
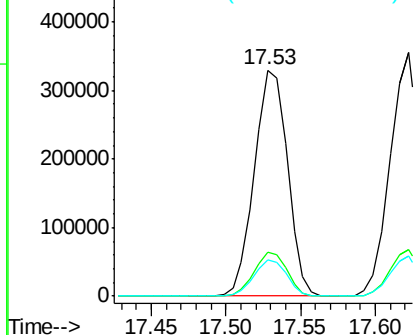


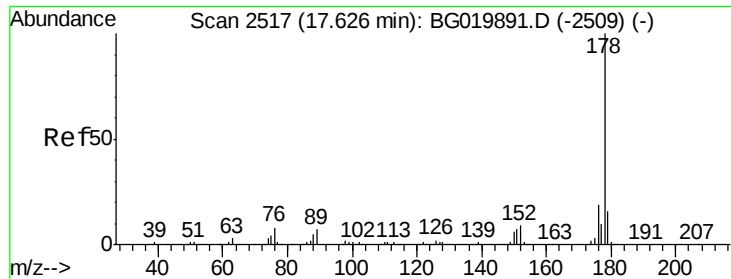
#70
 Phenanthrene
 Concen: 21.88 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion: 178 Resp: 506333
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.7 25.1
 179 16.2 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

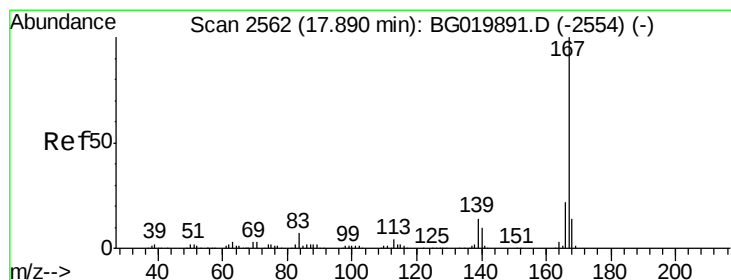
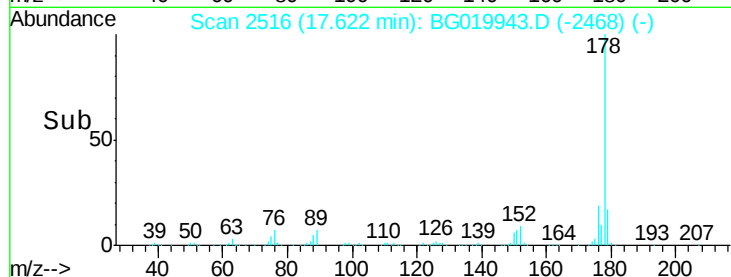
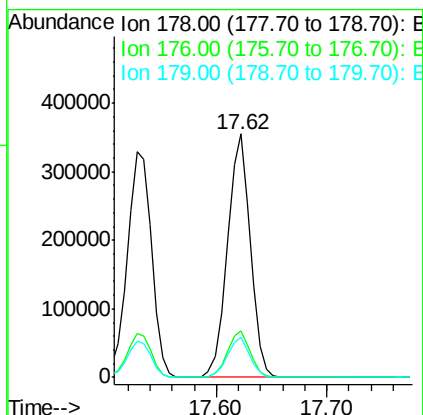
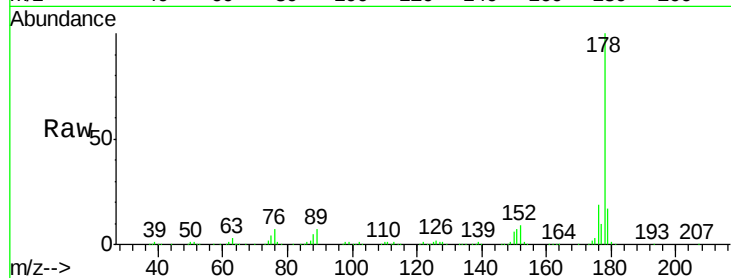




#71
 Anthracene
 Concen: 21.87 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

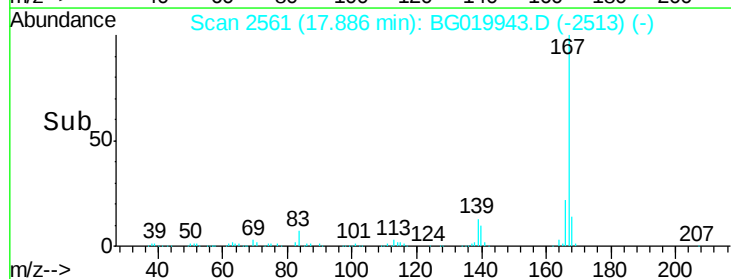
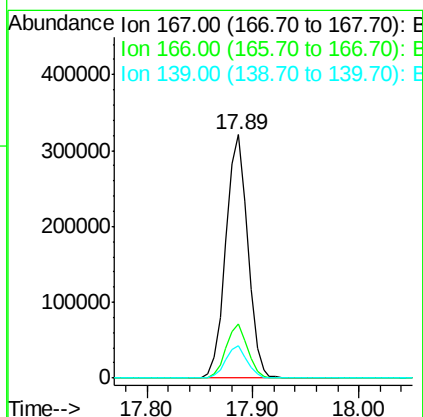
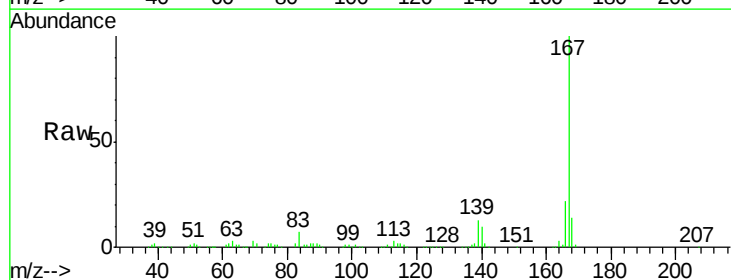
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

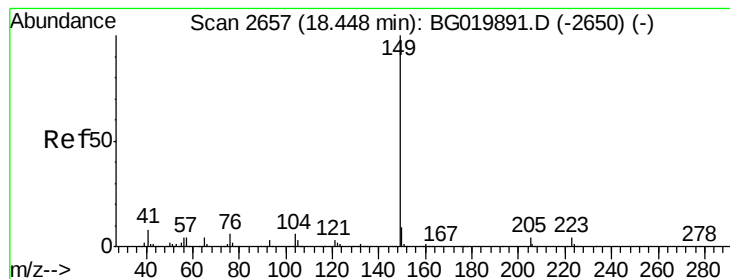
Tgt Ion:178 Resp: 515425
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.8 25.2
 179 16.7 13.9 20.9



#72
 Carbazole
 Concen: 22.24 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:167 Resp: 461729
 Ion Ratio Lower Upper
 167 100
 166 22.2 19.0 28.6
 139 13.2 10.2 15.4





#73

Di-n-butylphthalate

Concen: 21.74 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.03 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

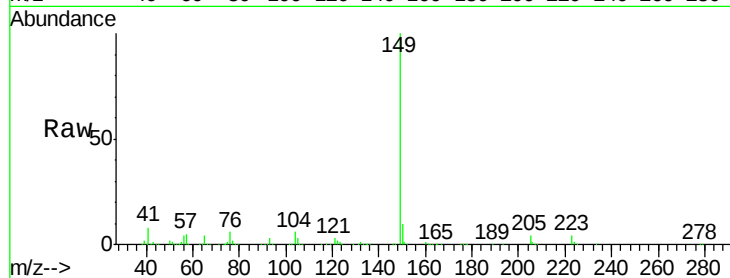
Tgt Ion:149 Resp: 553128

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.4

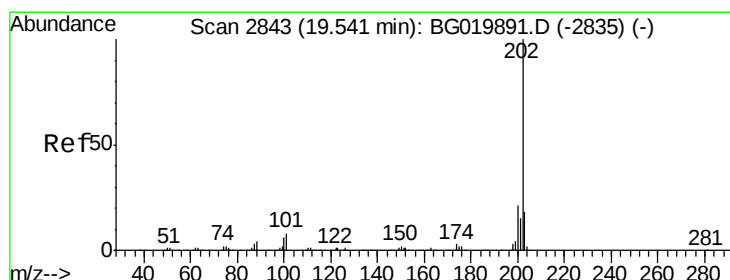
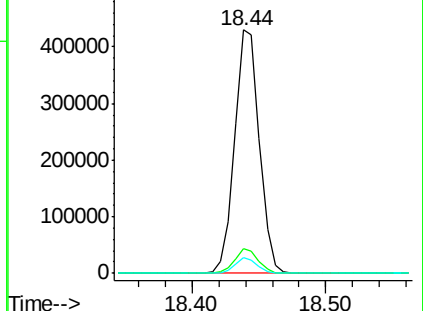
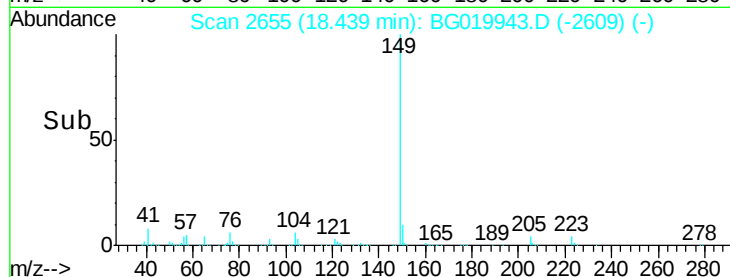
104 6.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 21.85 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

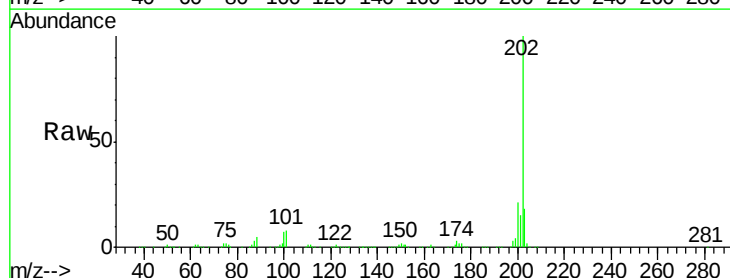
Tgt Ion:202 Resp: 646756

Ion Ratio Lower Upper

202 100

101 8.4 0.0 32.4

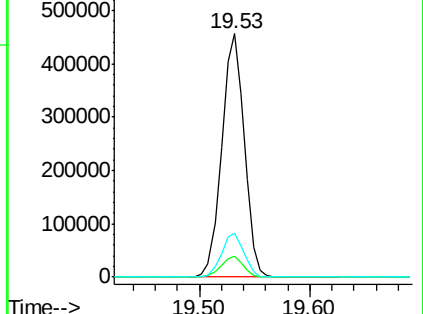
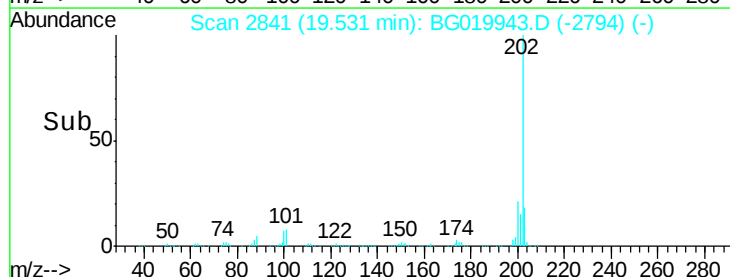
203 18.2 0.0 39.5

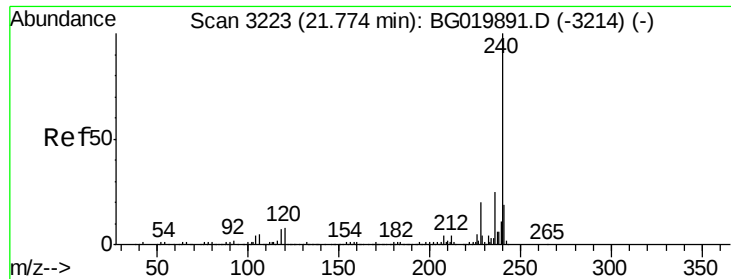


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

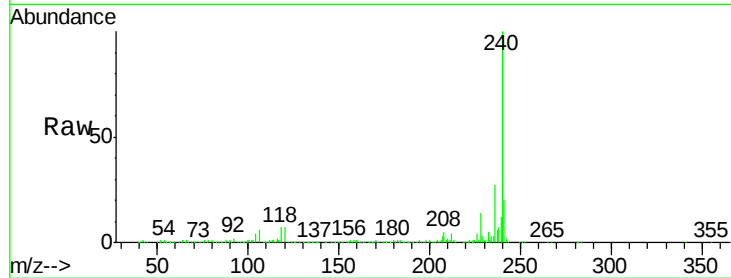
Tgt Ion:240 Resp: 494610

Ion Ratio Lower Upper

240 100

120 7.2 7.4 11.0#

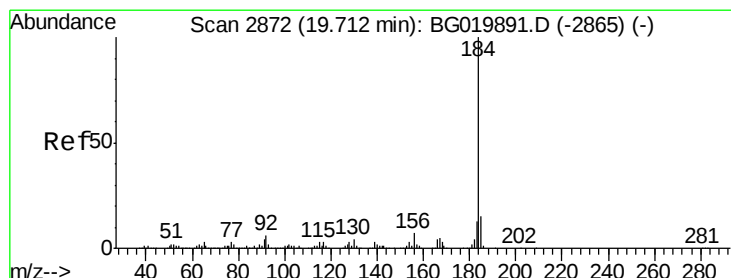
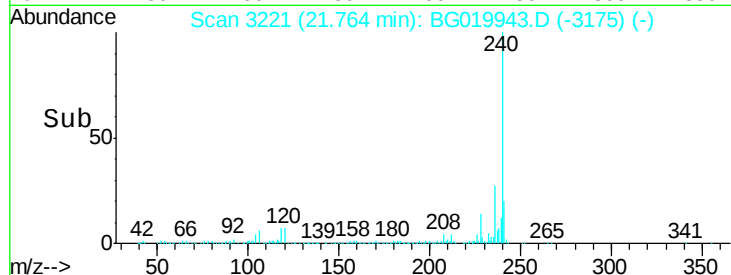
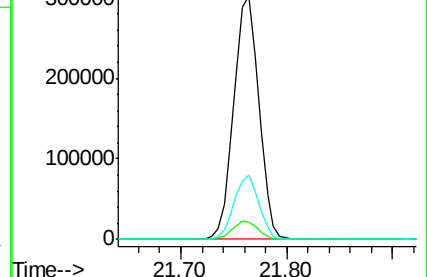
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.72 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

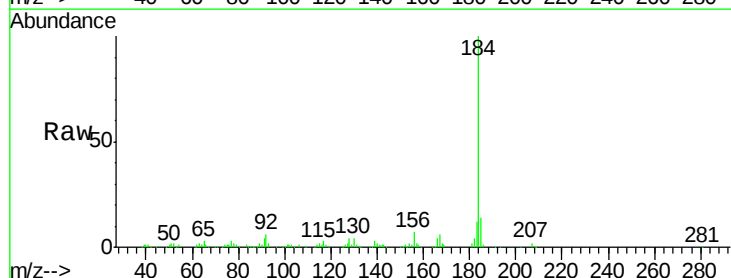
Tgt Ion:184 Resp: 141674

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

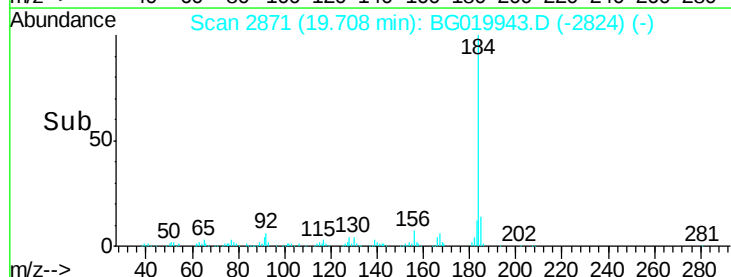
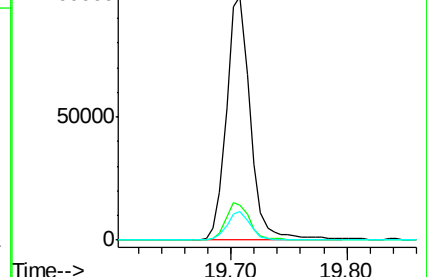
183 11.9 10.1 15.1

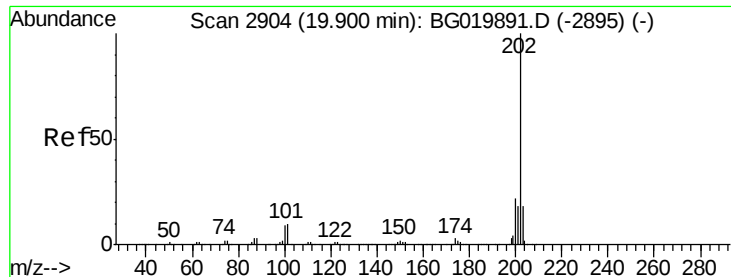


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 22.46 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

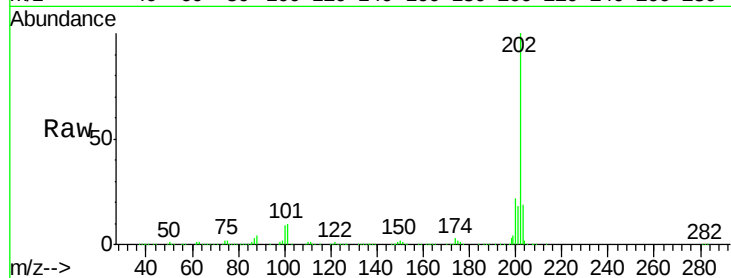
Tgt Ion:202 Resp: 653436

Ion Ratio Lower Upper

202 100

200 21.6 19.4 29.0

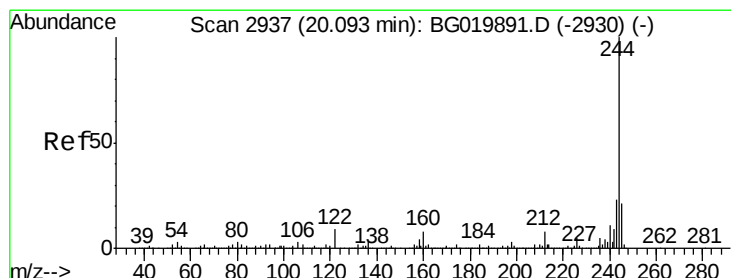
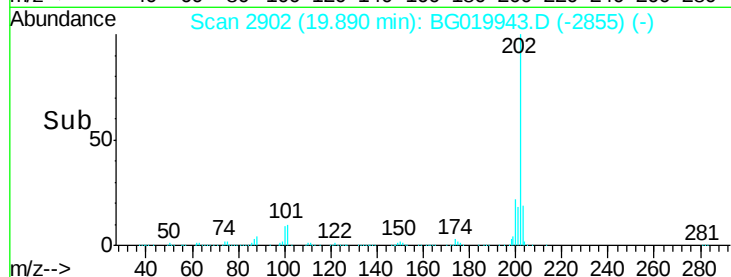
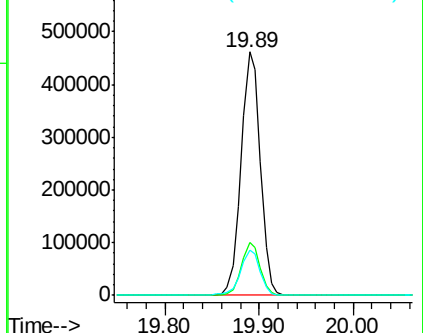
203 18.8 15.5 23.3



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: 43.42 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

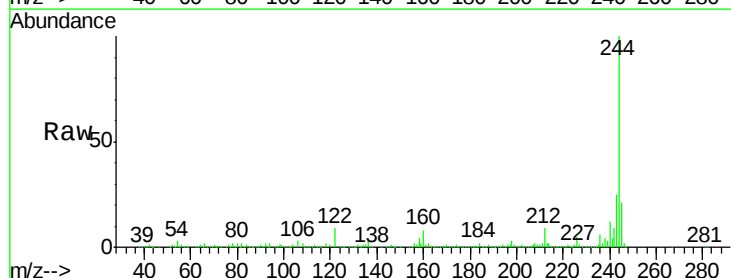
Tgt Ion:244 Resp: 880493

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

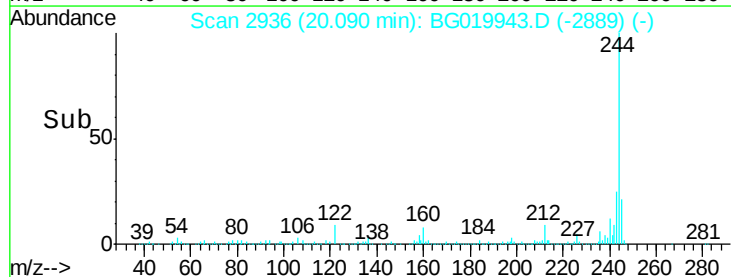
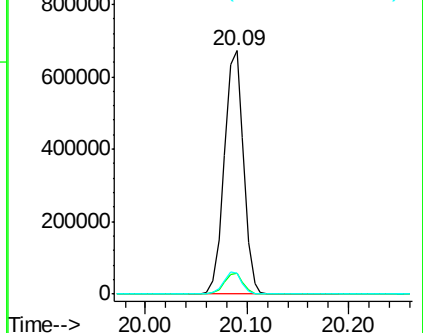
122 8.6 10.2 15.2#

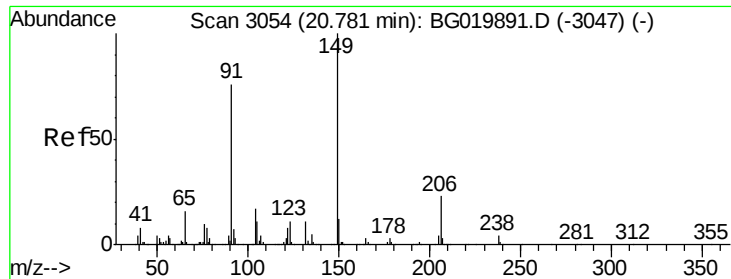


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

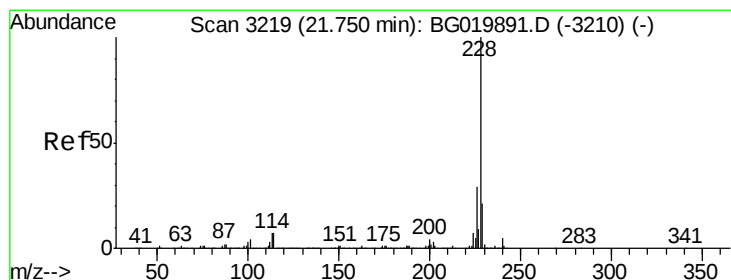
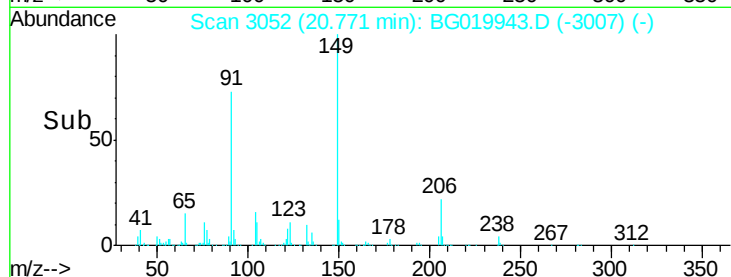
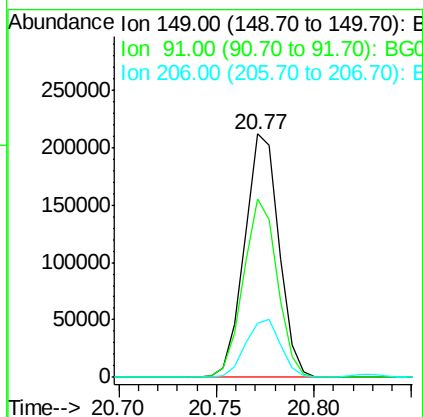
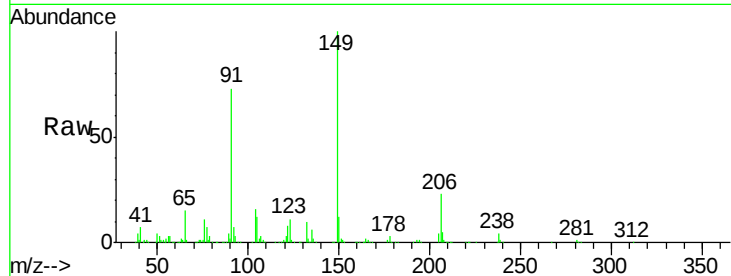




#79
Butylbenzylphthalate
Concen: 22.68 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

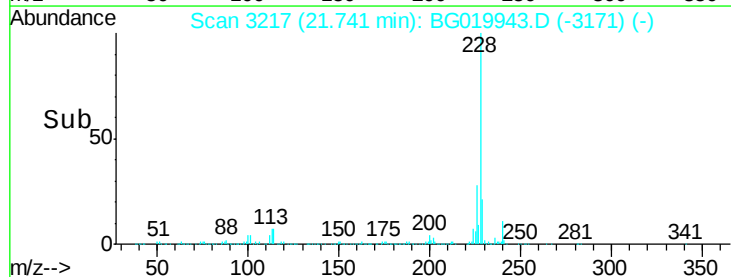
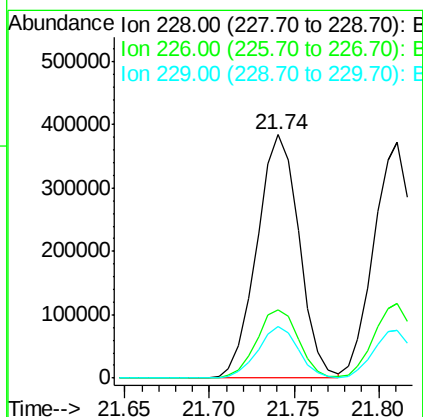
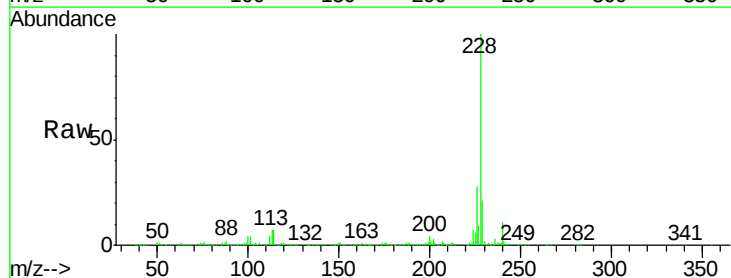
Instrument :
BNA_G
ClientSampled :
PB87030BS

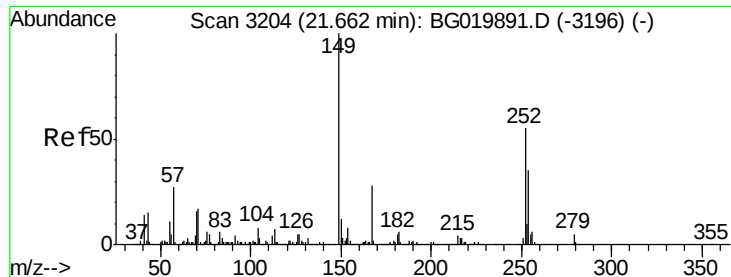
Tgt Ion:149 Resp: 258660
Ion Ratio Lower Upper
149 100
91 73.4 58.1 87.1
206 22.5 17.8 26.8



#80
Benzo(a)anthracene
Concen: 22.07 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:228 Resp: 668100
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.0
229 21.2 16.6 25.0

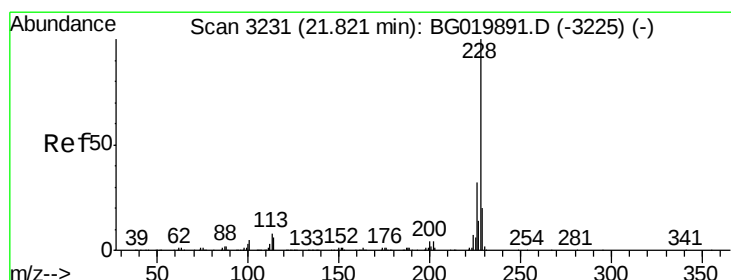
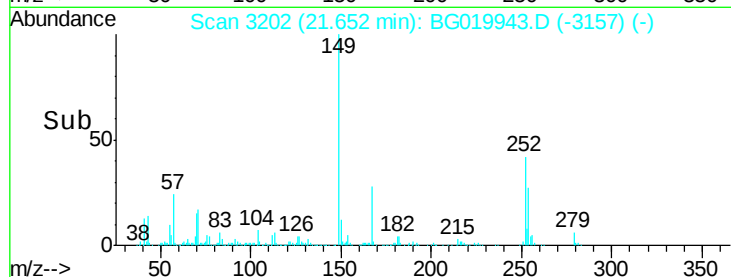
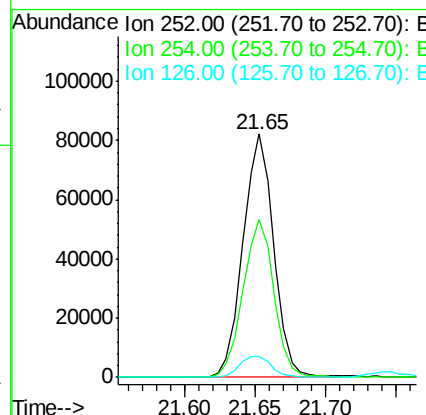
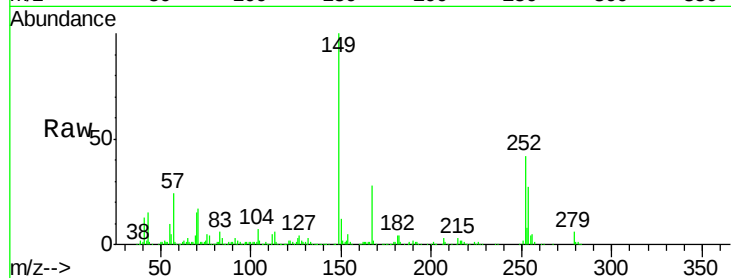




#81
 3,3'-Dichlorobenzidine
 Concen: 10.82 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

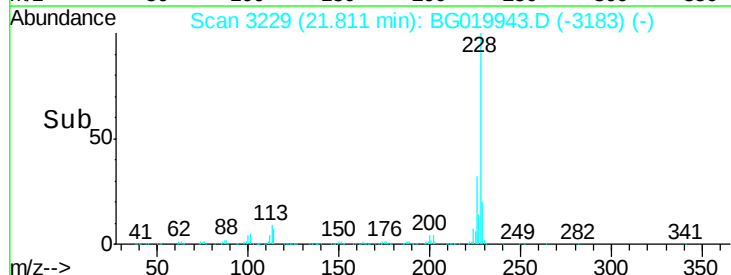
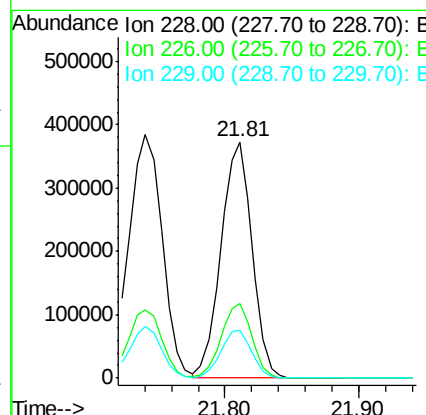
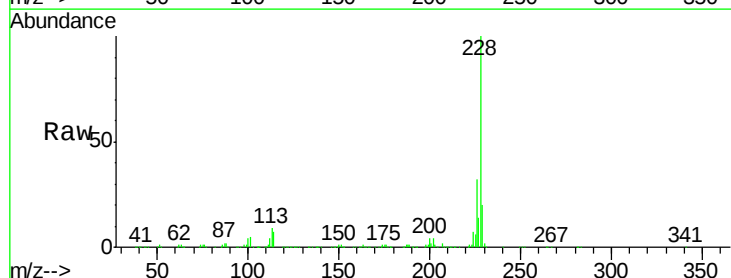
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

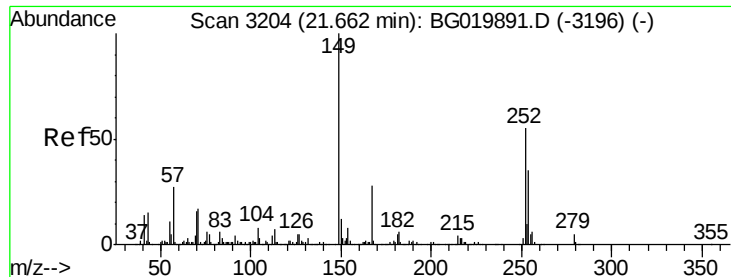
Tgt Ion:252 Resp: 124760
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.5 78.7
 126 8.4 8.5 12.7#



#82
 Chrysene
 Concen: 21.19 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:228 Resp: 609087
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.7 40.1
 229 20.5 17.0 25.6

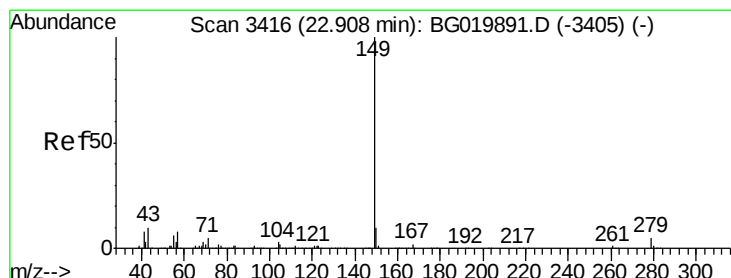
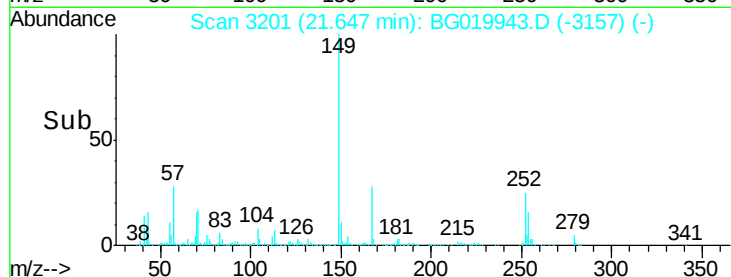
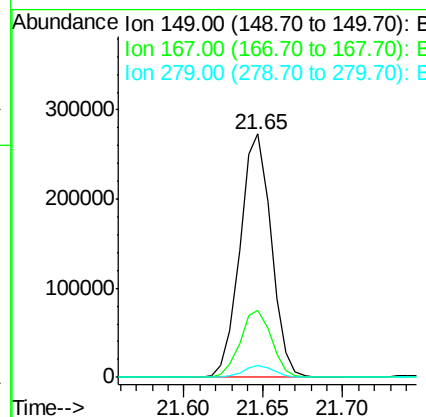
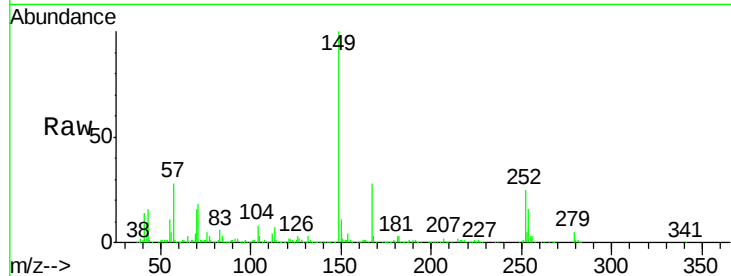




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.23 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

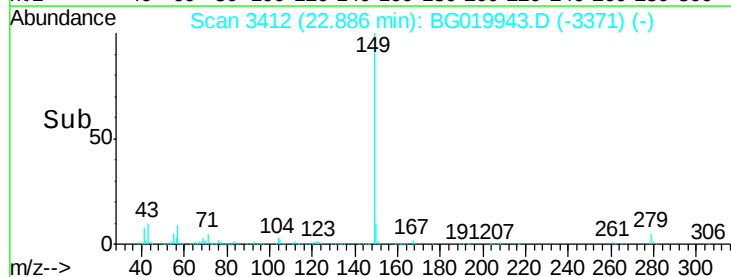
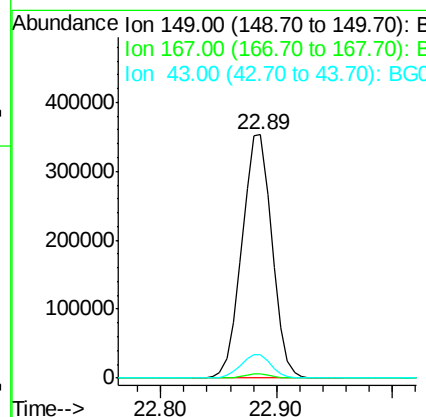
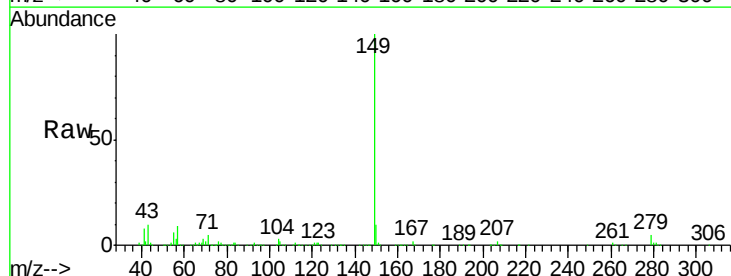
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

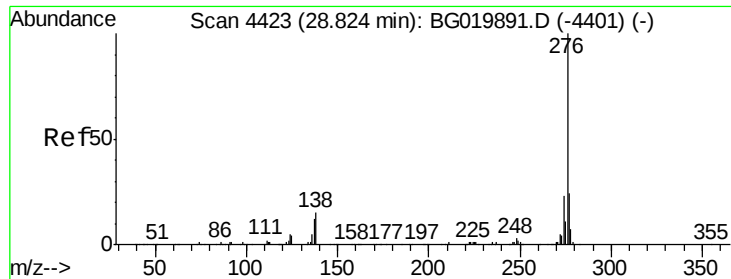
Tgt Ion:149 Resp: 372029
 Ion Ratio Lower Upper
 149 100
 167 27.7 23.8 35.8
 279 4.8 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 23.34 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion:149 Resp: 635238
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.9 5.9 8.9#

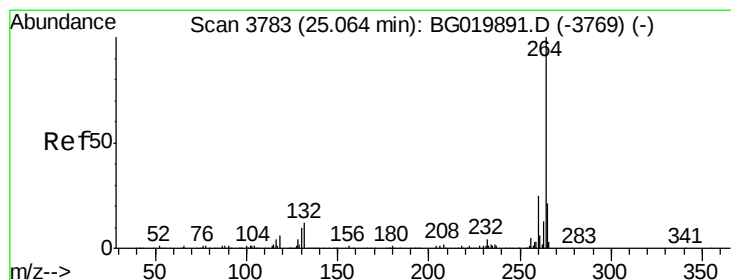
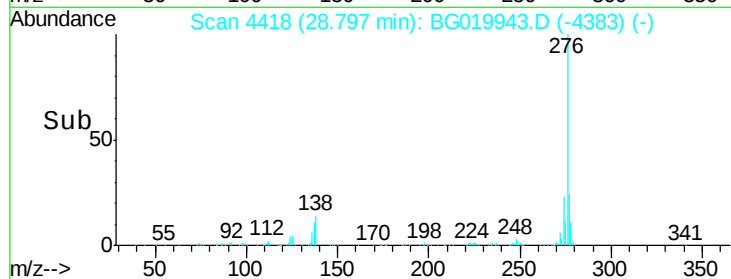
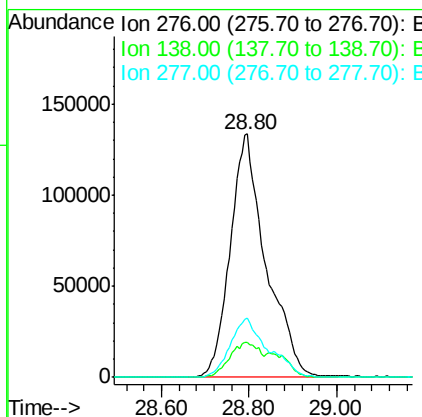
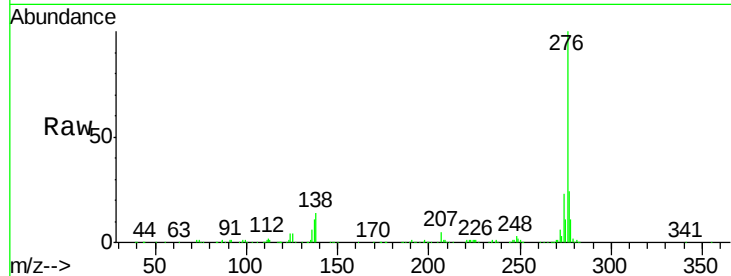




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.49 ng
 RT: 28.80 min Scan# 4418
 Delta R.T. -0.09 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

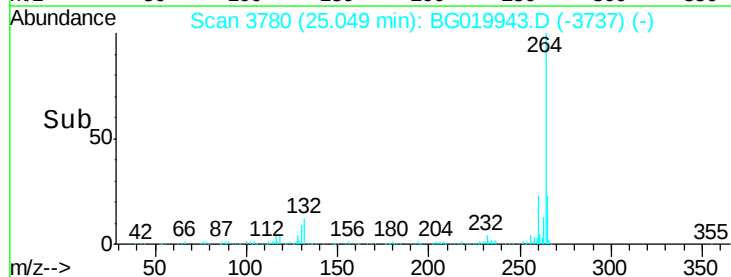
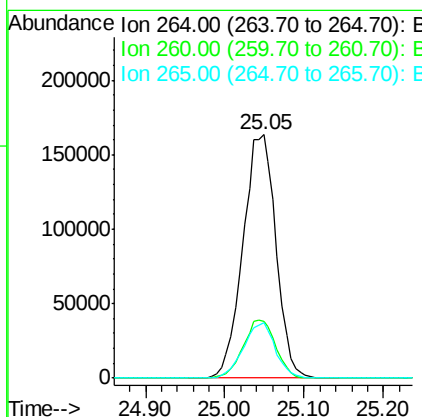
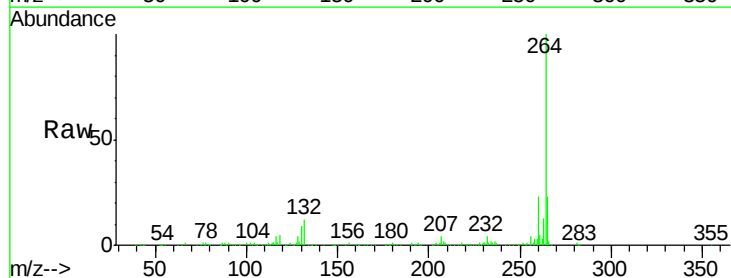
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

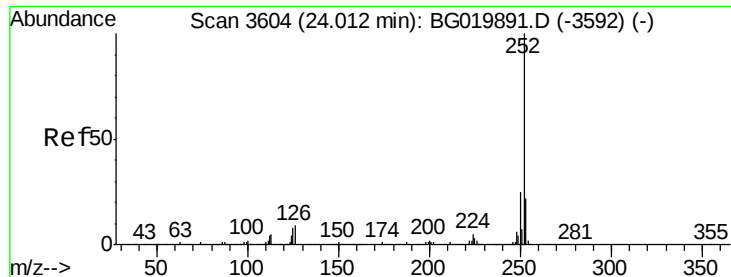
Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.1	0.0	0.0#
277	25.7	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.05 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.8	17.2	25.8

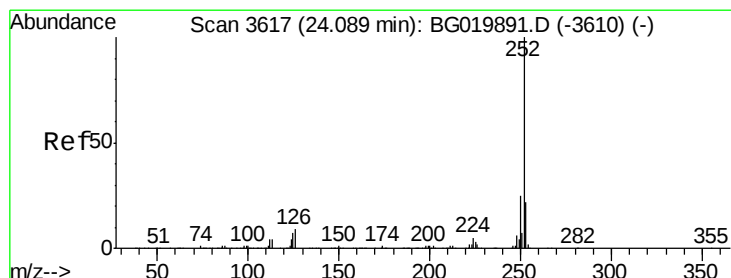
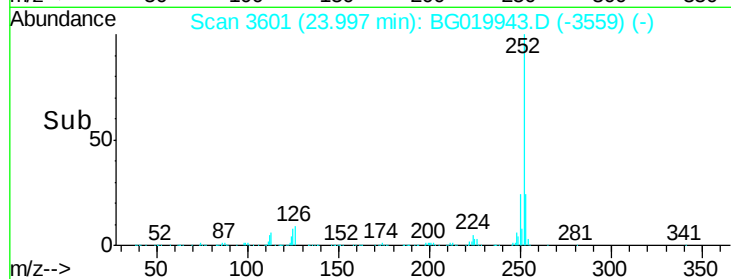
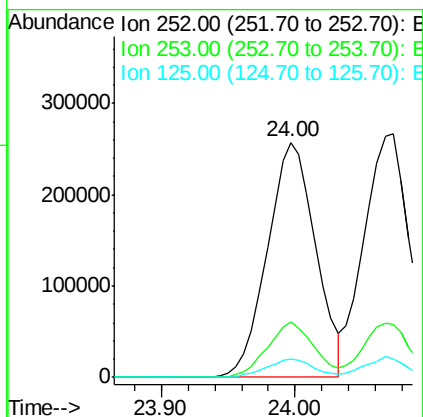
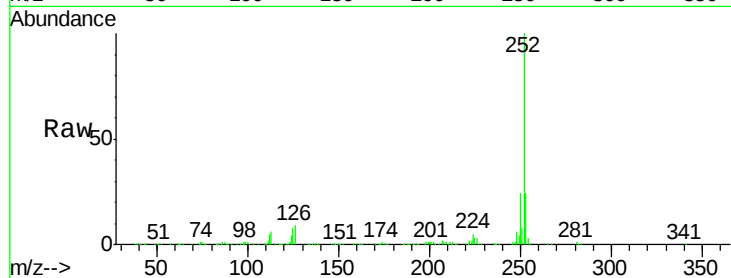




#87
Benzo(b)fluoranthene
Concen: 21.53 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.05 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

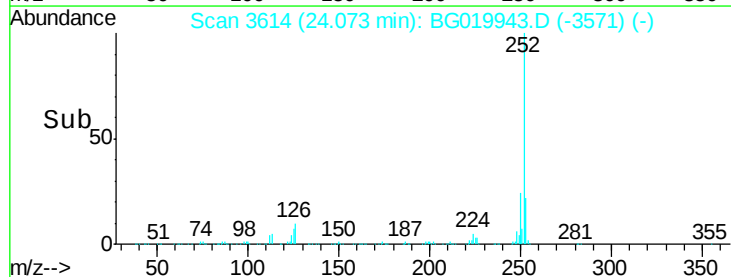
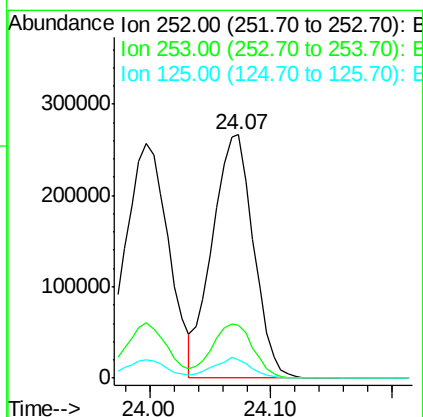
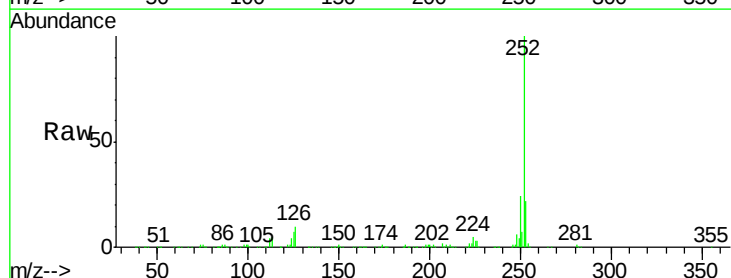
Instrument :
BNA_G
ClientSampleId :
PB87030BS

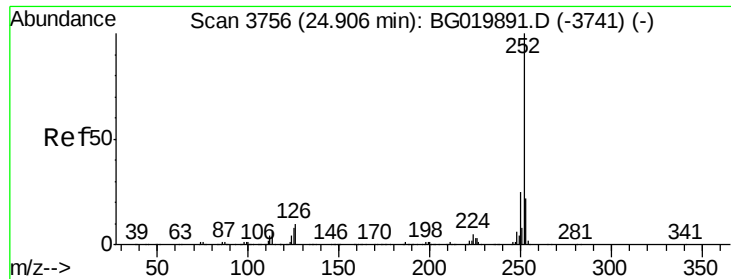
Tgt Ion:252 Resp: 645184
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 7.7 8.9 13.3#



#88
Benzo(k)fluoranthene
Concen: 21.14 ng
RT: 24.07 min Scan# 3614
Delta R.T. -0.05 min
Lab File: BG019943.D
Acq: 5 Dec 2015 15:43

Tgt Ion:252 Resp: 627589
Ion Ratio Lower Upper
252 100
253 21.9 19.0 28.4
125 7.3 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 21.82 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

Instrument :

BNA_G

ClientSampleId :

PB87030BS

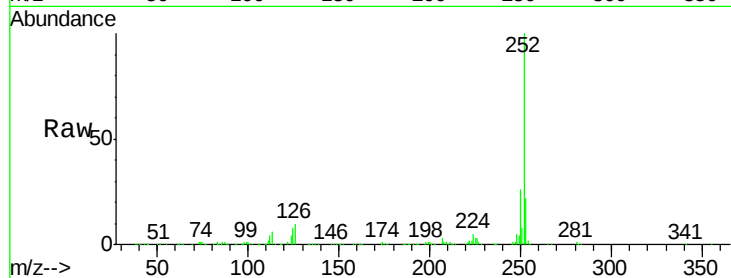
Tgt Ion:252 Resp: 620923

Ion Ratio Lower Upper

252 100

253 21.8 18.7 28.1

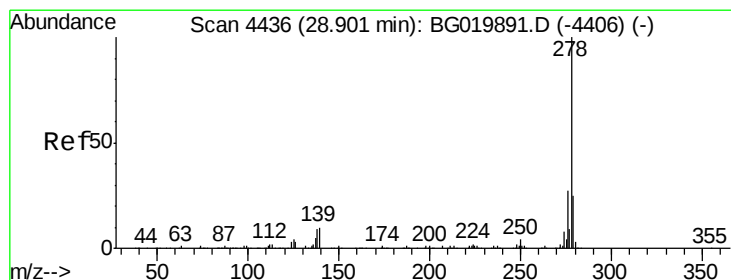
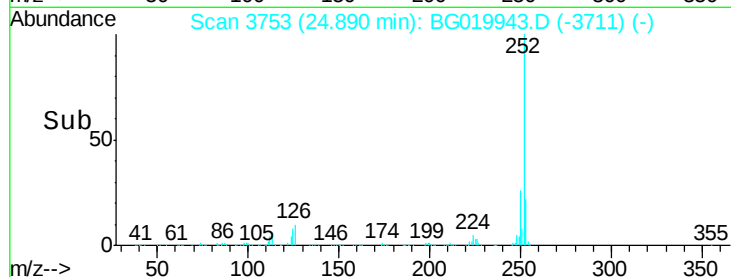
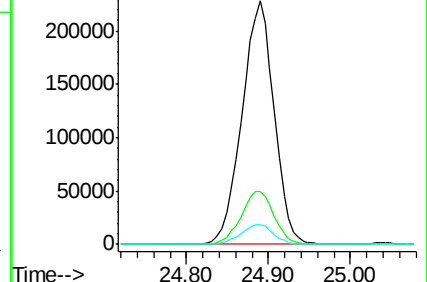
125 8.3 9.1 13.7#



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: 21.84 ng

RT: 28.86 min Scan# 4429

Delta R.T. -0.09 min

Lab File: BG019943.D

Acq: 5 Dec 2015 15:43

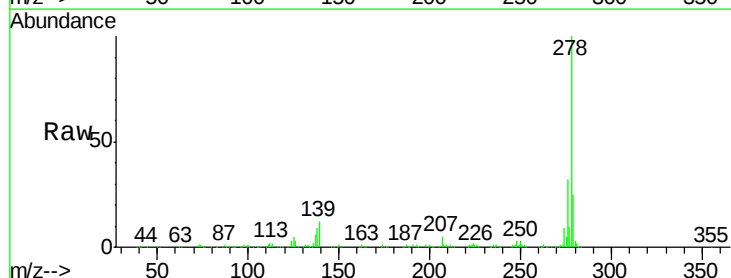
Tgt Ion:278 Resp: 613884

Ion Ratio Lower Upper

278 100

139 12.1 13.8 20.6#

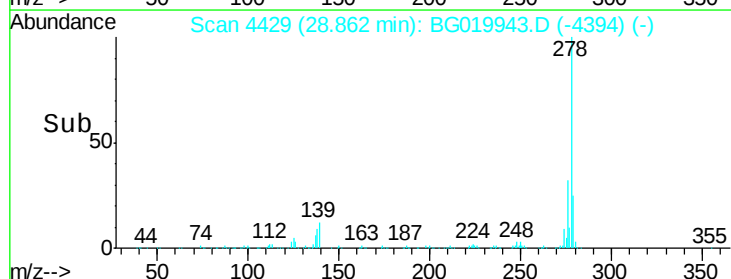
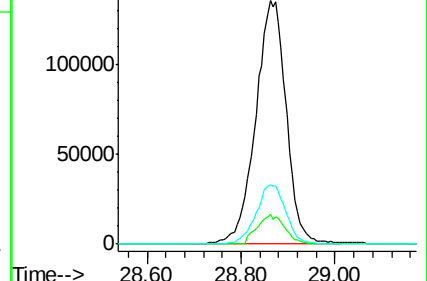
279 24.6 19.4 29.0

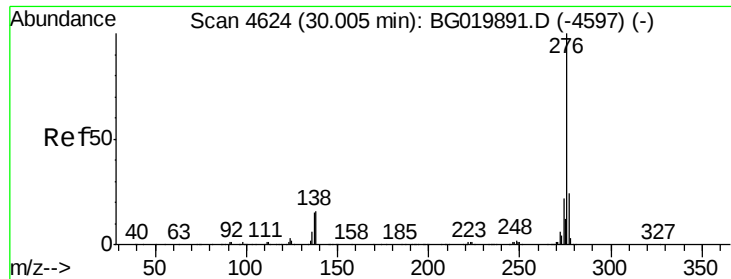


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

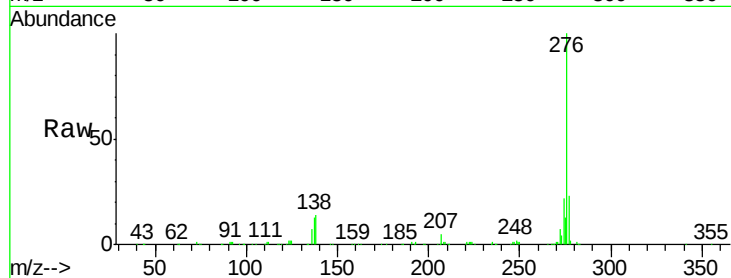




#91
 Benzo(g,h,i)perylene
 Concen: 22.19 ng
 RT: 29.96 min Scan# 4616
 Delta R.T. -0.11 min
 Lab File: BG019943.D
 Acq: 5 Dec 2015 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	14.2	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

