

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019981.D
 Acq On : 7 Dec 2015 15:02
 Operator : UM/NP
 Sample : PB87030BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Quant Time: Dec 08 00:06:11 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	18477	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	81906	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	59877	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	156660	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	190739	20.00	ng	-0.03
86) Perylene-d12	25.05	264	176472	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	142448	139.34	ng	0.00
7) Phenol-d6	7.26	99	204756	132.65	ng	-0.01
23) Nitrobenzene-d5	9.28	82	134033	83.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	109058	119.04	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	328660	74.95	ng	-0.02
78) Terphenyl-d14	20.09	244	603338	77.15	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	14496	36.40	ng	# 100
3) Pyridine	3.92	79	43729	36.15	ng	# 83
4) n-Nitrosodimethylamine	3.84	42	23146	36.38	ng	# 86
6) Aniline	7.43	93	46470	23.25	ng	# 87
8) 2-Chlorophenol	7.67	128	54653	43.84	ng	# 94
9) Benzaldehyde	7.25	77	18122	17.61	ng	# 94
10) Phenol	7.29	94	74382	45.79	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	48414	40.24	ng	# 90
12) 1,3-Dichlorobenzene	8.00	146	54630	38.66	ng	# 94
13) 1,4-Dichlorobenzene	8.15	146	56100	38.44	ng	# 95
14) 1,2-Dichlorobenzene	8.47	146	53760	38.62	ng	# 96
15) Benzyl Alcohol	8.35	79	57116	42.17	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	75725	38.59	ng	# 93
17) 2-Methylphenol	8.55	107	50369	43.92	ng	# 89
18) Hexachloroethane	9.21	117	20750	37.97	ng	# 90
19) n-Nitroso-di-n-propylamine	8.92	70	45215	37.14	ng	# 89
20) 3+4-Methylphenols	8.88	107	69123	42.80	ng	# 94
22) Acetophenone	8.94	105	80102	35.68	ng	# 92
24) Nitrobenzene	9.33	77	70420	40.45	ng	# 92
25) Isophorone	9.85	82	123994	36.04	ng	# 96
26) 2-Nitrophenol	10.04	139	30591	45.50	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	57568	41.12	ng	# 94
28) bis(2-Chloroethoxy)methane	10.33	93	70216	41.76	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	63607	44.47	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	61282	37.91	ng	# 98
31) Naphthalene	10.98	128	173350	39.51	ng	# 99
32) Benzoic acid	10.21	122	40512	43.57	ng	# 84
33) 4-Chloroaniline	11.09	127	28245	14.61	ng	# 96
34) Hexachlorobutadiene	11.26	225	43585	36.55	ng	# 92
35) Caprolactam	11.86	113	22715	42.66	ng	# 82
36) 4-Chloro-3-methylphenol	12.20	107	73856	41.46	ng	# 96
37) 2-Methylnaphthalene	12.58	142	132660	41.26	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	82305	36.22	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	85842	66.26	ng	# 95

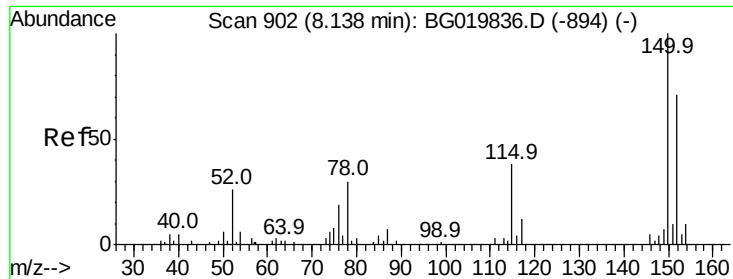
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	58742	39.05	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	67314	42.34	nq	95
45) 1,1'-Biphenyl	13.58	154	175650	35.75	nq	99
46) 2-Chloronaphthalene	13.63	162	143415	37.86	nq	95
47) 2-Nitroaniline	13.83	65	53366	44.61	nq	90
48) Acenaphthylene	14.47	152	242711	37.62	nq	99
49) Dimethylphthalate	14.20	163	194685	36.15	nq	98
50) 2,6-Dinitrotoluene	14.31	165	43862	43.31	nq	# 76
51) Acenaphthene	14.81	154	162408	41.49	nq	99
52) 3-Nitroaniline	14.64	138	31244	29.70	nq	93
53) 2,4-Dinitrophenol	14.85	184	34641	66.10	nq	96
54) Dibenzofuran	15.14	168	242438	41.63	nq	92
55) 4-Nitrophenol	14.94	139	74249	81.03	nq	# 66
56) 2,4-Dinitrotoluene	15.10	165	64728	45.81	nq	# 94
57) Fluorene	15.79	166	197204	37.83	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	63706	43.29	nq	98
59) Diethylphthalate	15.55	149	209055	35.86	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	108618	36.29	nq	98
61) 4-Nitroaniline	15.81	138	48181	40.72	nq	# 75
62) Azobenzene	16.07	77	201909	41.63	nq	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	34463	40.28	nq	92
65) n-Nitrosodiphenylamine	15.99	169	181877	40.12	nq	95
66) 4-Bromophenyl-phenylether	16.68	248	73314	37.66	nq	97
67) Hexachlorobenzene	16.79	284	78225	38.58	nq	98
68) Atrazine	16.94	200	77780	39.49	nq	96
69) Pentachlorophenol	17.13	266	97971	82.78	nq	88
70) Phenanthrene	17.53	178	349813	39.47	nq	97
71) Anthracene	17.62	178	351171	38.90	nq	96
72) Carbazole	17.89	167	308162	38.75	nq	98
73) Di-n-butylphthalate	18.44	149	375520	38.52	nq	98
74) Fluoranthene	19.53	202	437910	38.63	nq	95
76) Benzidine	19.71	184	103816	16.57	nq	97
77) Pyrene	19.90	202	445414	39.69	nq	95
79) Butylbenzylphthalate	20.77	149	171575	39.01	nq	96
80) Benzo(a)anthracene	21.74	228	451539	38.67	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	94389	21.23	nq	98
82) Chrysene	21.81	228	407288	36.74	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	251777	39.01	nq	95
84) Di-n-octyl phthalate	22.88	149	430121	40.99	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	496143	40.63	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	441527	39.48	nq	# 94
88) Benzo(k)fluoranthene	24.07	252	419346	37.86	nq	# 95
89) Benzo(a)pyrene	24.90	252	421691	39.71	nq	# 96
90) Dibenzo(a,h)anthracene	28.87	278	414371	39.50	nq	# 93
91) Benzo(g,h,i)perylene	29.99	276	407145	39.52	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

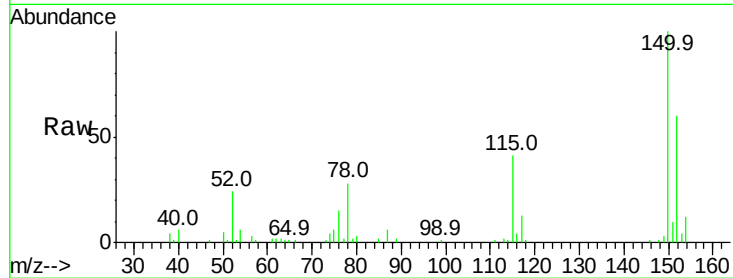
Tot Ion:152 Resp: 18477

Ion Ratio Lower Upper

152 100

150 165.4 115.0 172.4

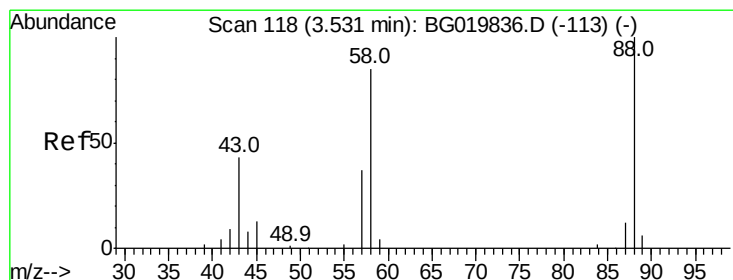
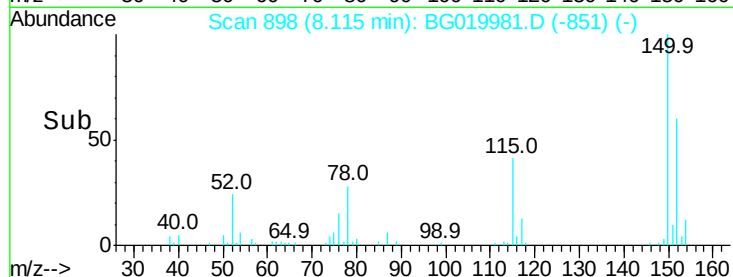
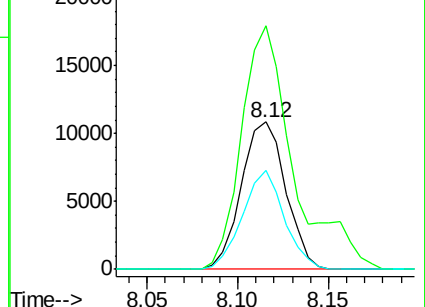
115 67.5 43.9 65.9#



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: 36.40 ng

RT: 3.51 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

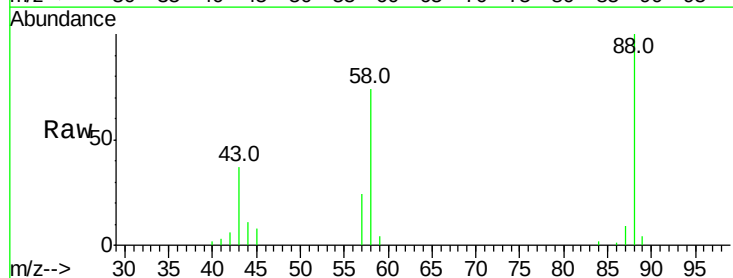
Tgt Ion: 88 Resp: 14496

Ion Ratio Lower Upper

88 100

58 88.6 0.0 0.0#

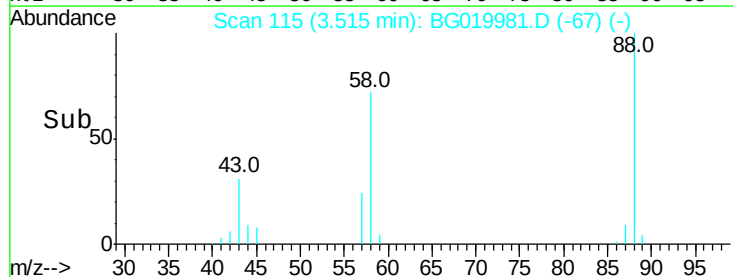
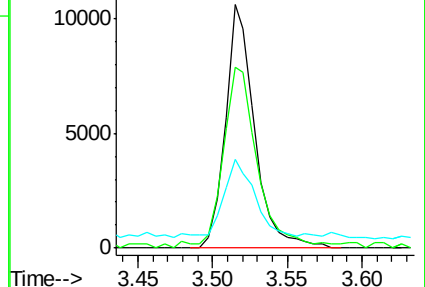
43 35.0 0.0 0.0#

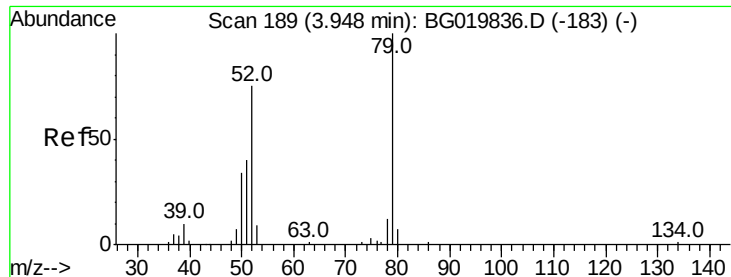


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.15 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

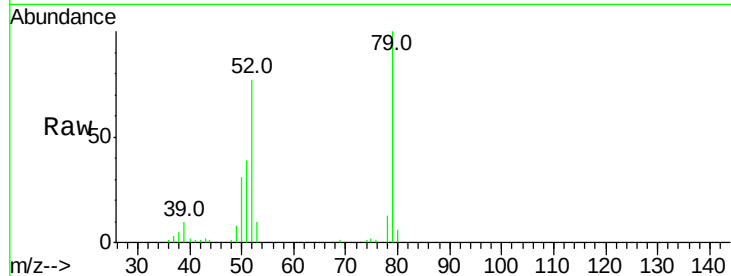
Tot Ion: 79 Resp: 43729

Ion Ratio Lower Upper

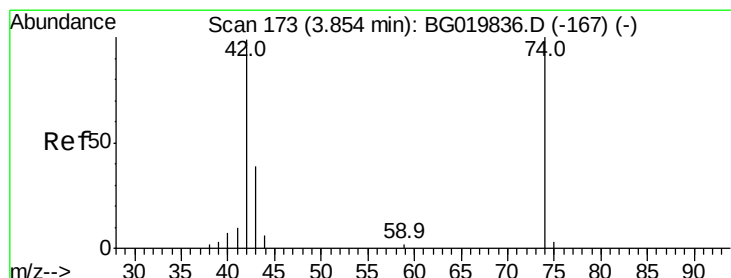
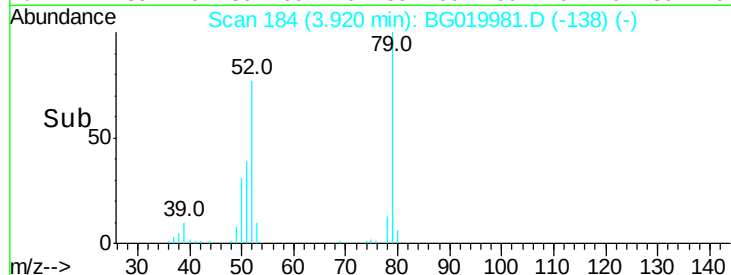
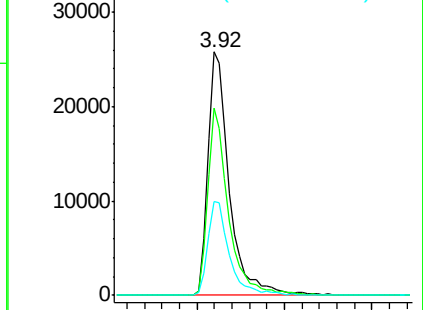
79 100

52 76.8 50.3 75.5#

51 38.6 24.8 37.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.38 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

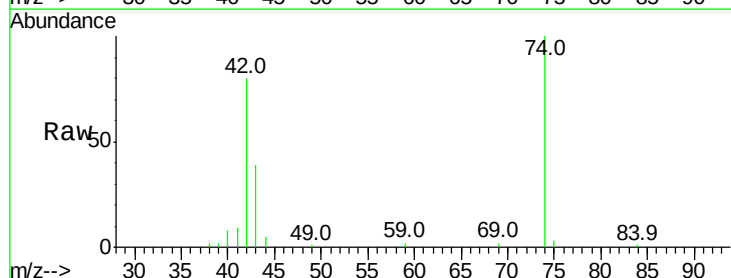
Tgt Ion: 42 Resp: 23146

Ion Ratio Lower Upper

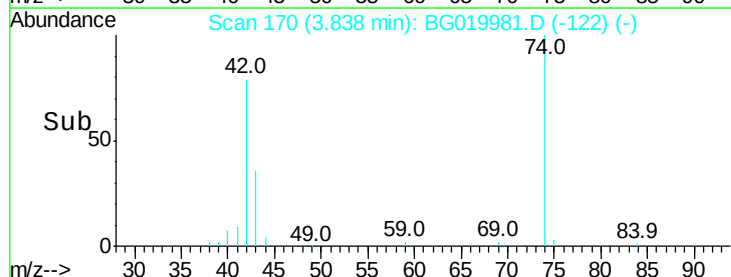
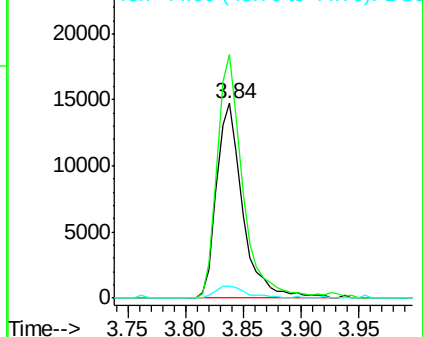
42 100

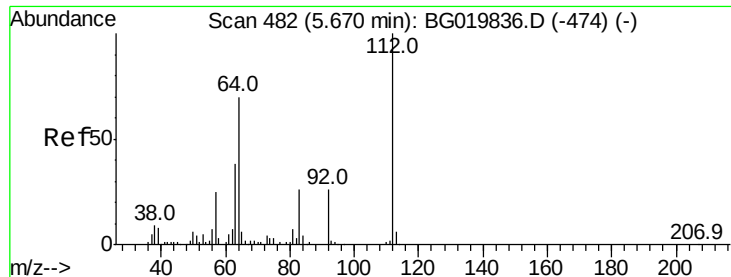
74 125.0 113.9 170.9

44 6.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 139.34 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

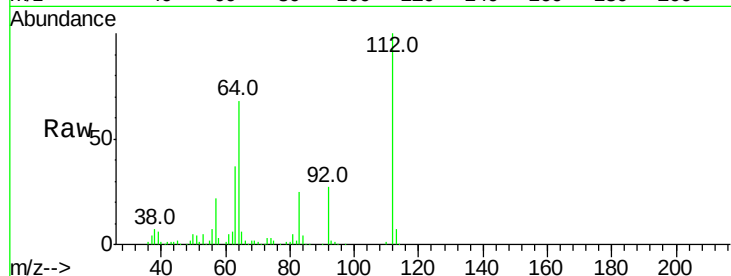
Tot Ion:112 Resp: 142448

Ion Ratio Lower Upper

112 100

64 68.1 43.7 65.5#

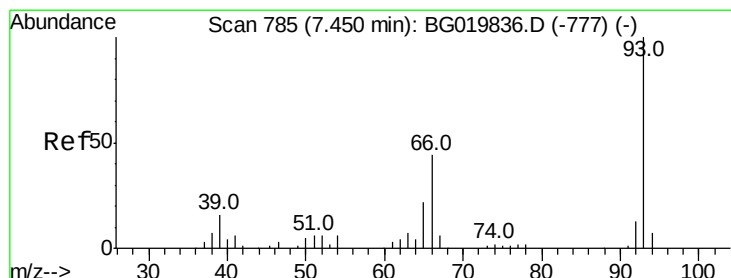
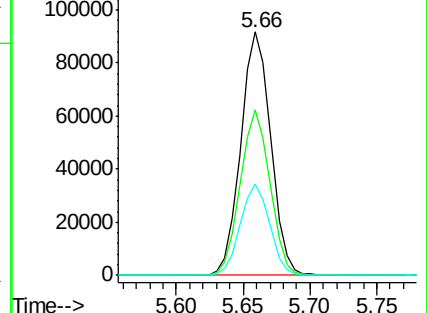
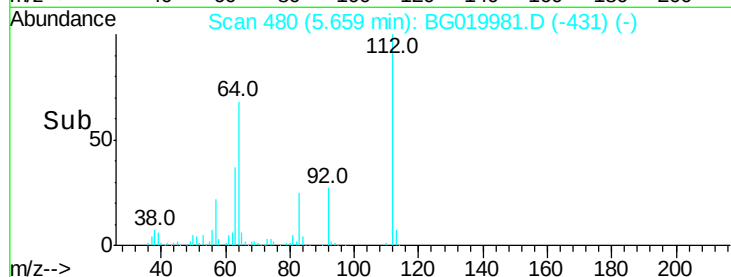
63 37.3 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.25 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

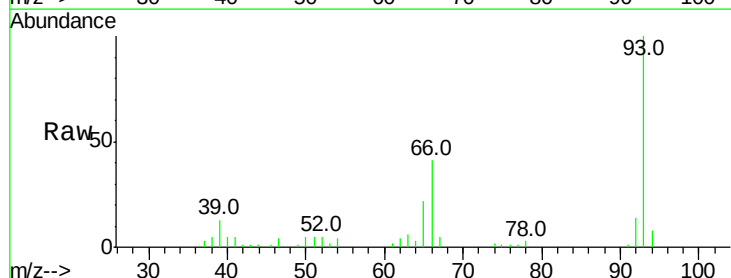
Tgt Ion: 93 Resp: 46470

Ion Ratio Lower Upper

93 100

66 40.7 26.2 39.2#

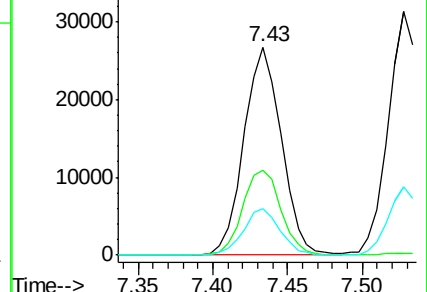
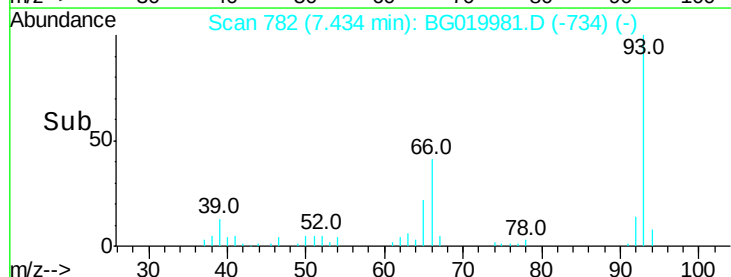
65 22.4 14.0 21.0#

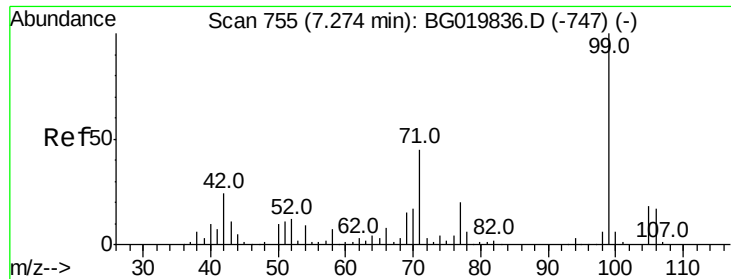


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.65 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

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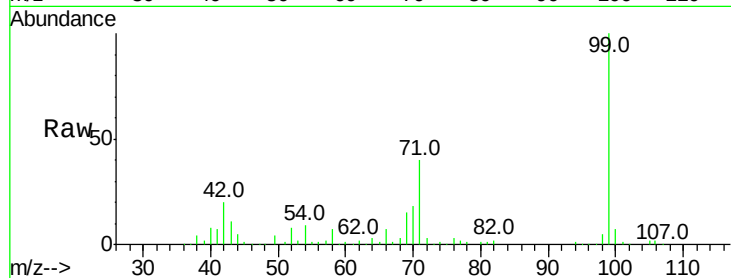
Tot Ion: 99 Resp: 204756

Ion Ratio Lower Upper

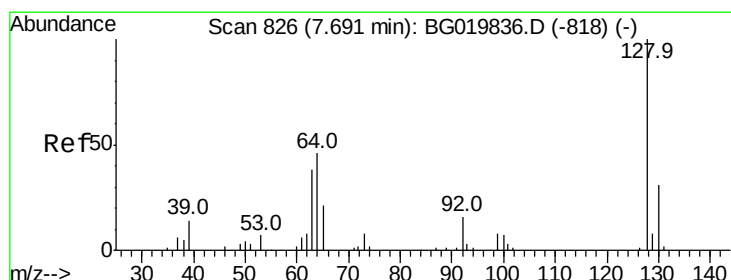
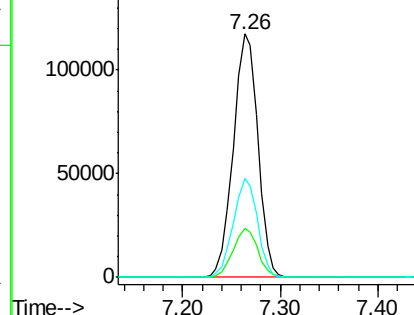
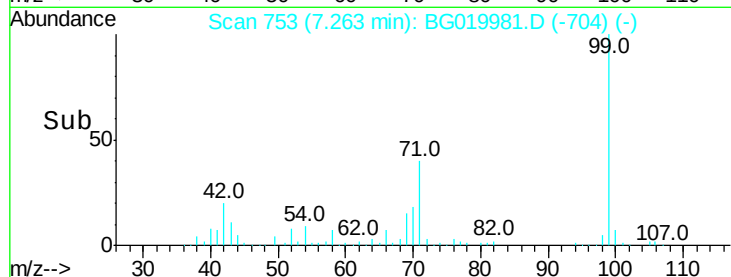
99 100

42 20.1 11.5 17.3#

71 40.4 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: 43.84 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

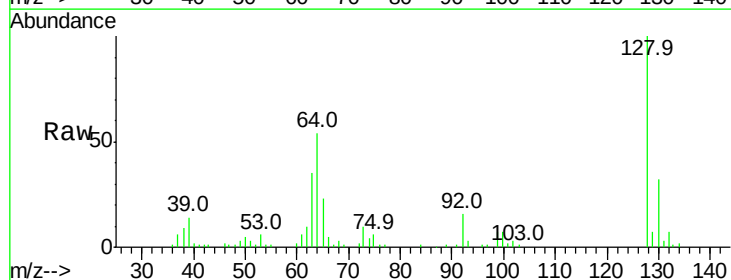
Tgt Ion: 128 Resp: 54653

Ion Ratio Lower Upper

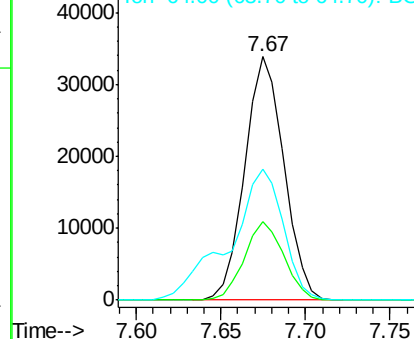
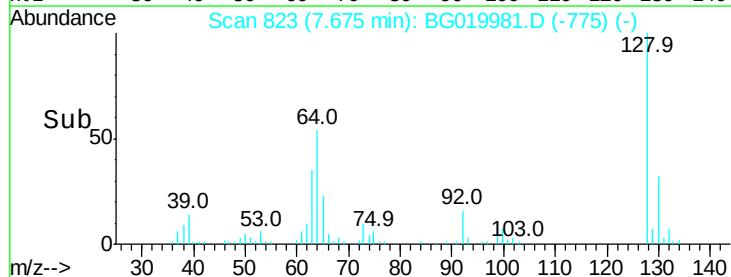
128 100

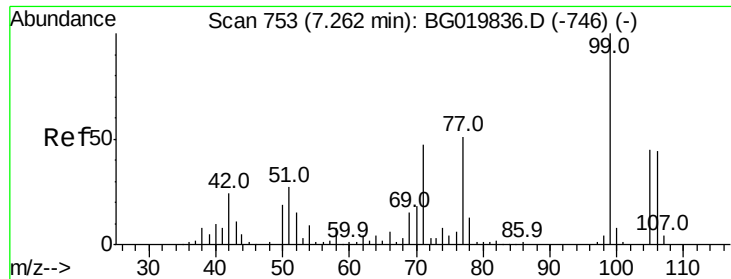
130 32.1 13.0 53.0

64 53.7 28.2 68.2



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





#9

Benzaldehyde

Concen: 17.61 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

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ClientSampleID :

PB87030BS

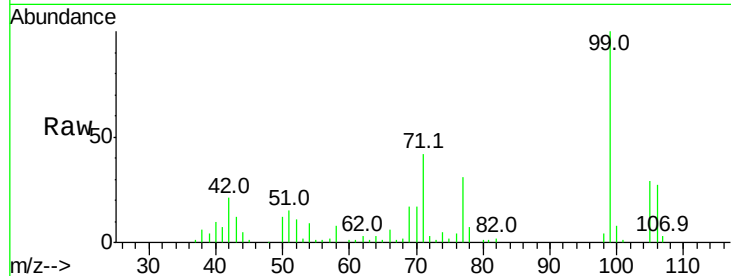
Tot Ion: 77 Resp: 18122

Ion Ratio Lower Upper

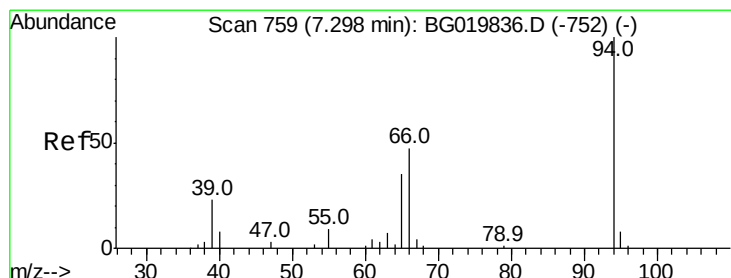
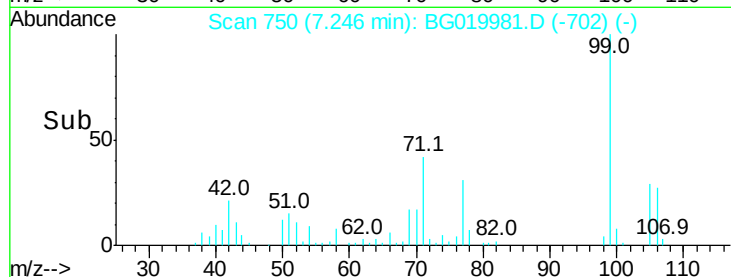
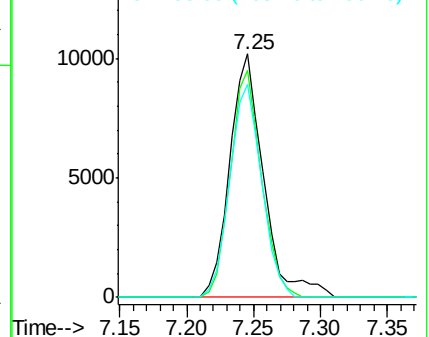
77 100

105 93.4 77.7 117.7

106 87.4 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: 45.79 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

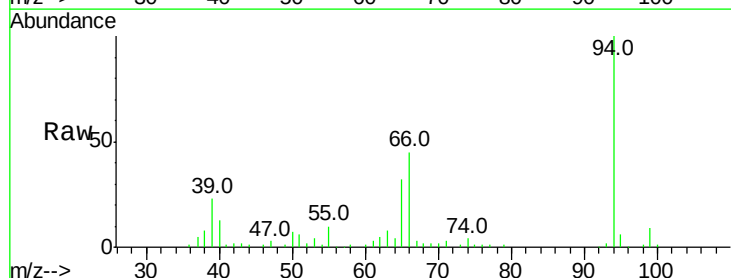
Tgt Ion: 94 Resp: 74382

Ion Ratio Lower Upper

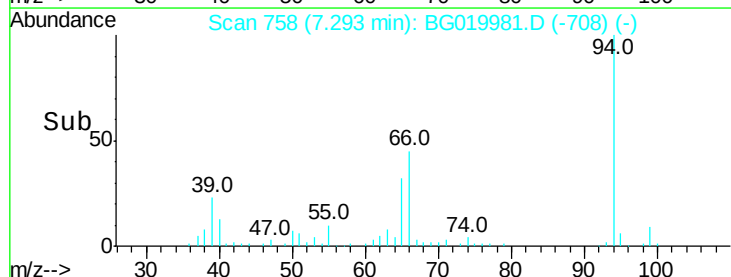
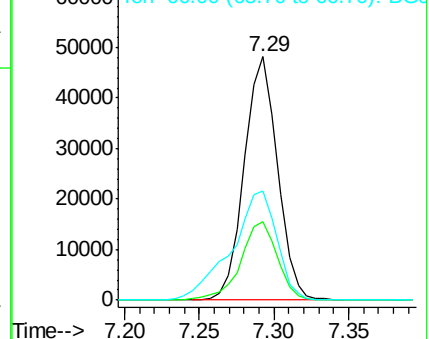
94 100

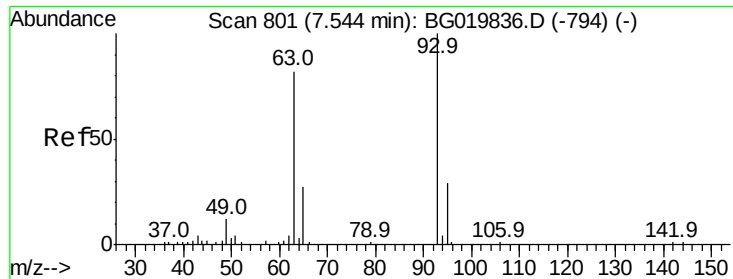
65 32.5 5.4 45.4

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

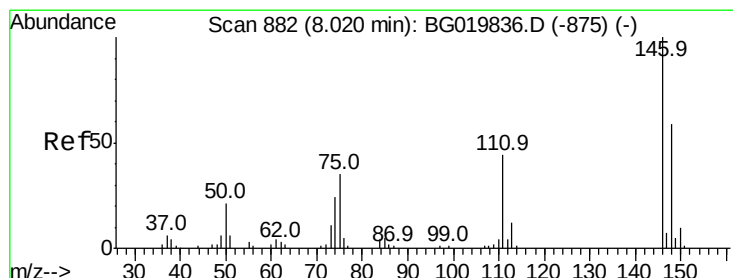
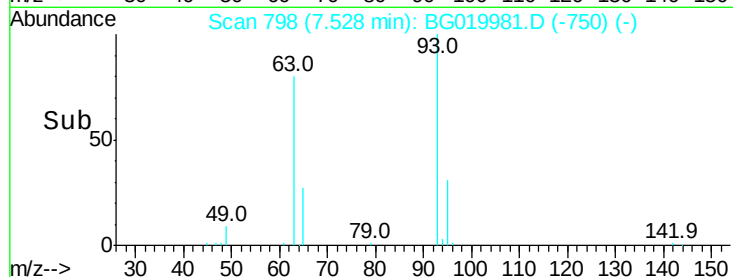
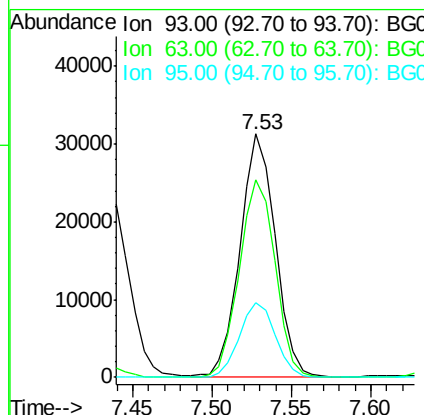
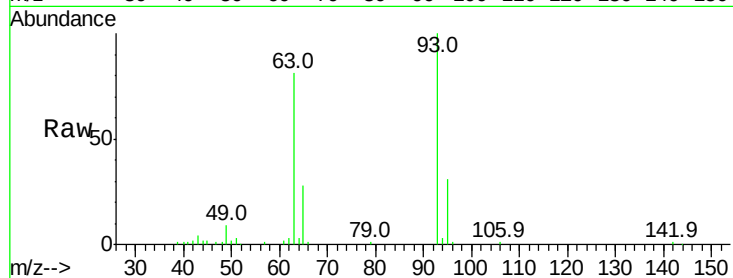




#11
bis(2-Chloroethyl)ether
Concen: 40.24 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

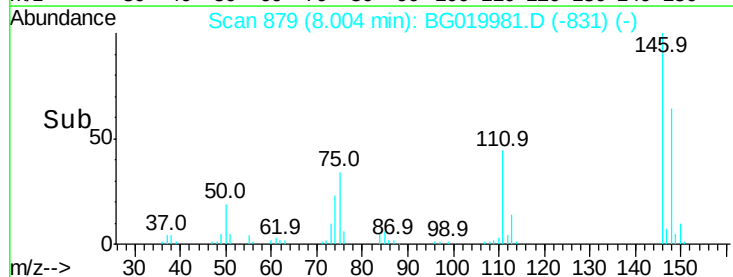
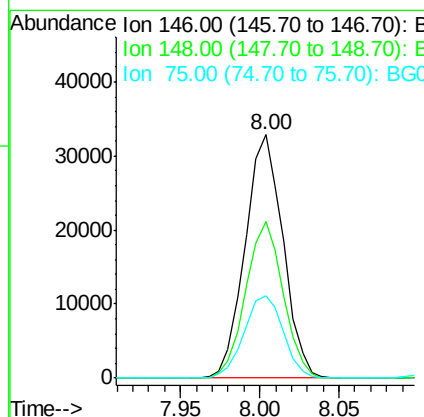
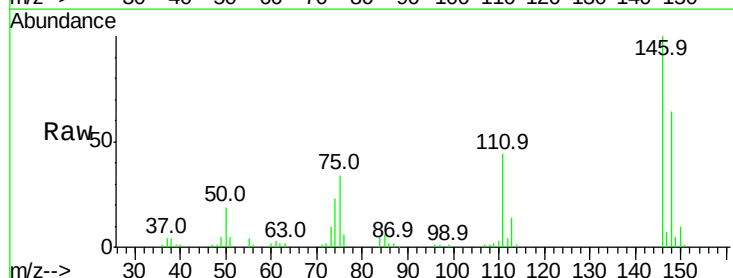
Instrument :
BNA_G
ClientSampleId :
PB87030BS

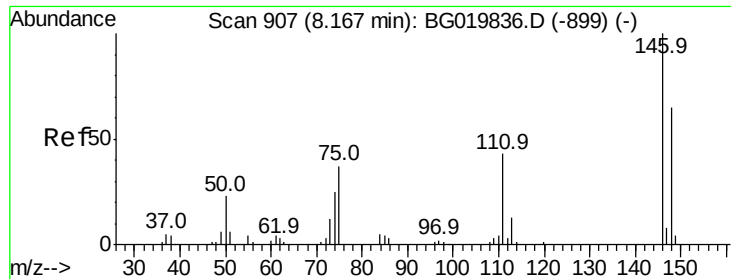
Tot Ion: 93 Resp: 48414
Ion Ratio Lower Upper
93 100
63 80.9 50.5 90.5
95 30.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.66 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion: 146 Resp: 54630
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 33.9 21.1 31.7#

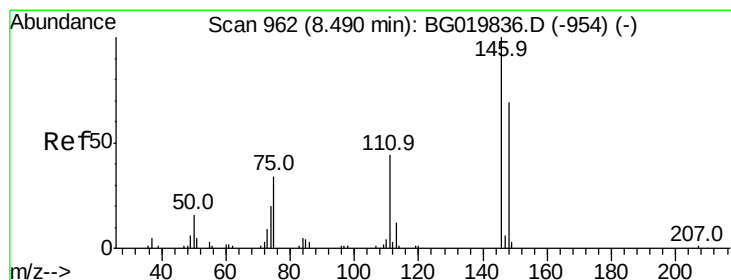
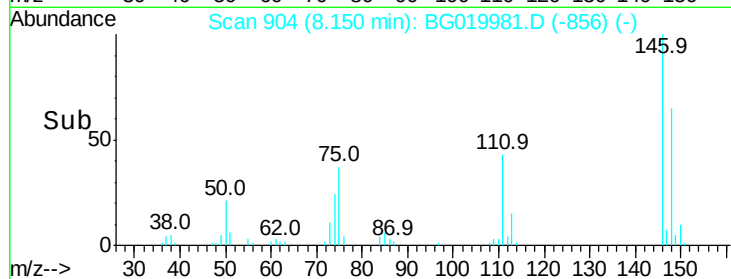
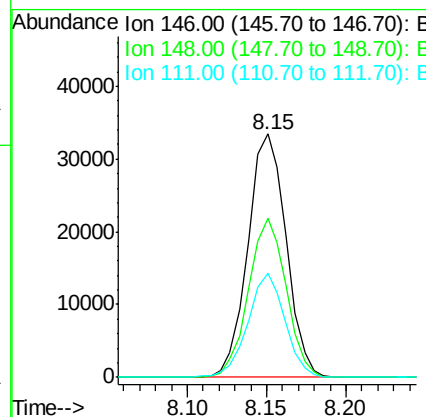
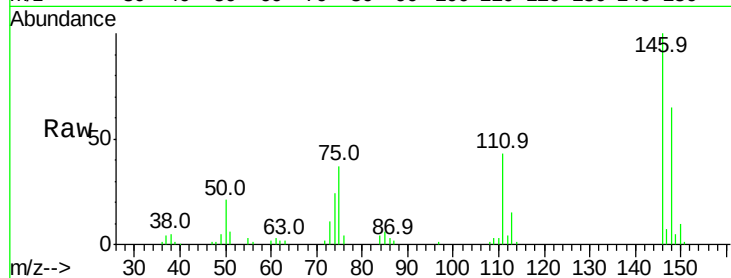




#13
1,4-Dichlorobenzene
Concen: 38.44 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

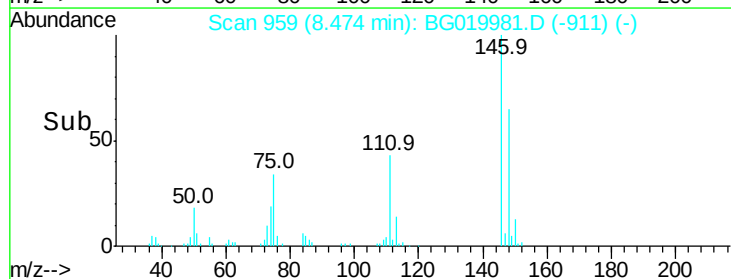
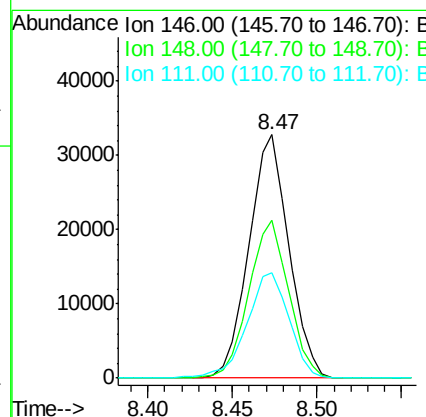
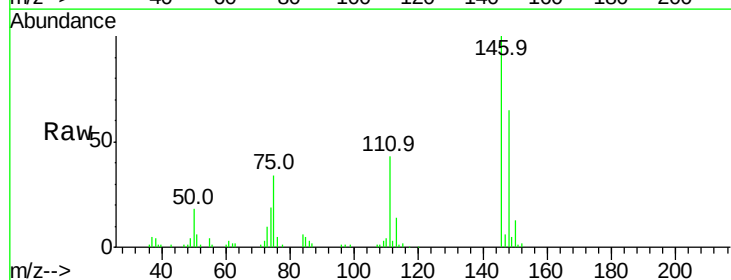
Instrument :
BNA_G
ClientSampleId :
PB87030BS

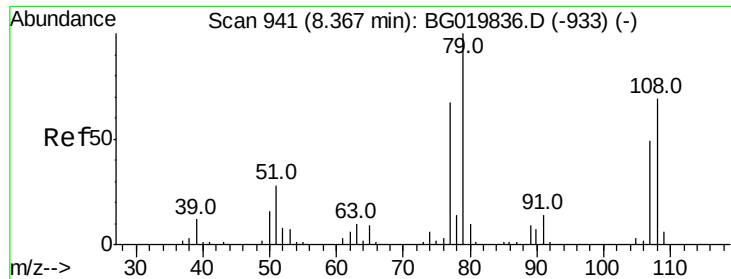
Tot Ion:146 Resp: 56100
Ion Ratio Lower Upper
146 100
148 65.2 52.5 78.7
111 43.0 28.3 42.5#



#14
1,2-Dichlorobenzene
Concen: 38.62 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:146 Resp: 53760
Ion Ratio Lower Upper
146 100
148 64.6 52.5 78.7
111 43.3 29.9 44.9





#15

Benzyl Alcohol

Concen: 42.17 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

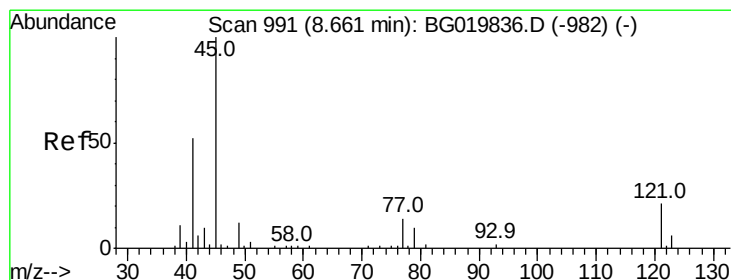
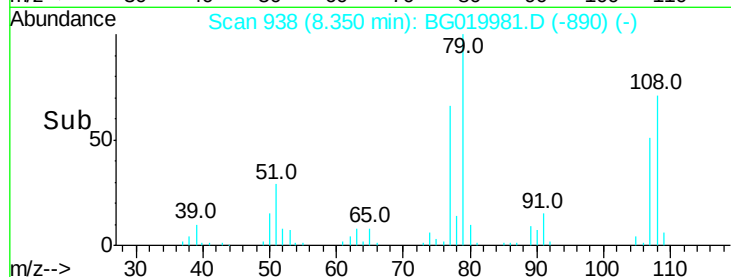
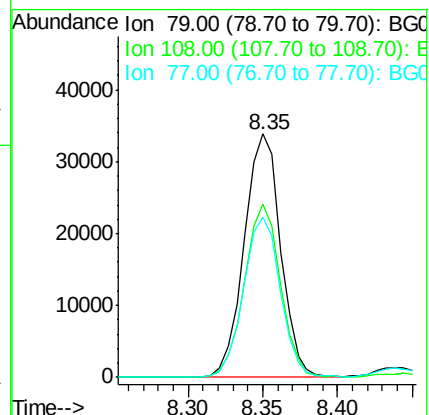
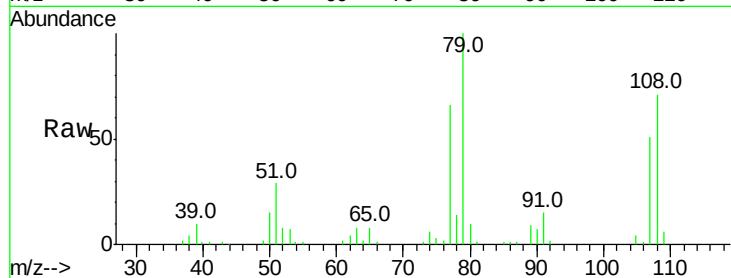
Tot Ion: 79 Resp: 57116

Ion Ratio Lower Upper

79 100

108 71.0 65.5 98.3

77 66.1 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.59 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

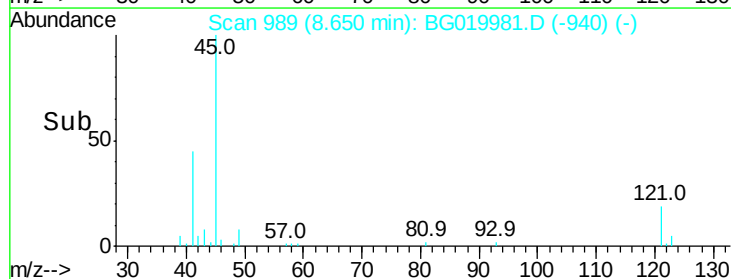
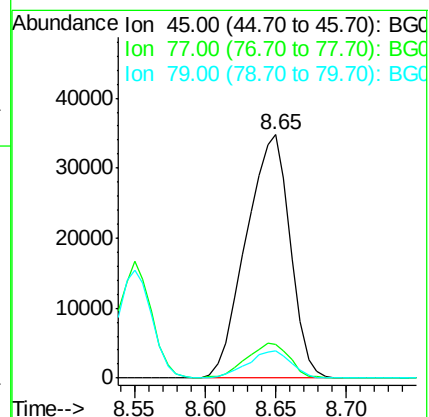
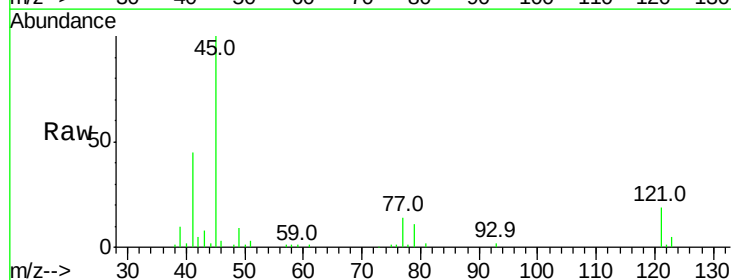
Tgt Ion: 45 Resp: 75725

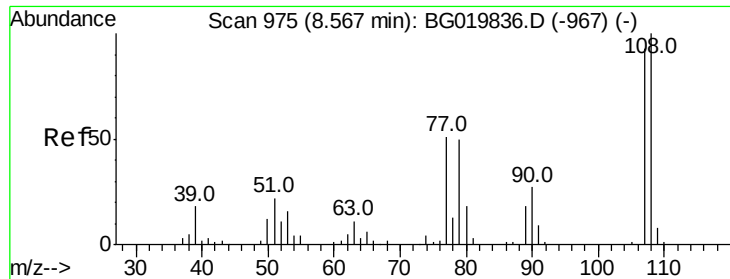
Ion Ratio Lower Upper

45 100

77 13.7 0.0 37.0

79 11.3 0.0 33.8

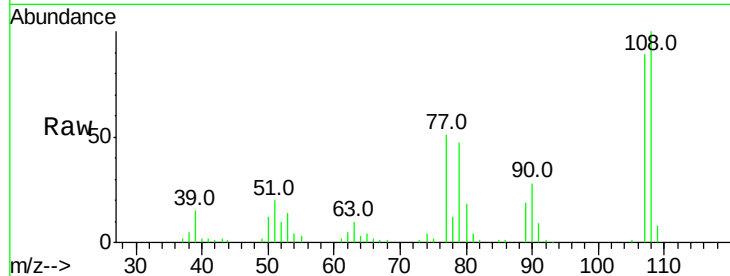




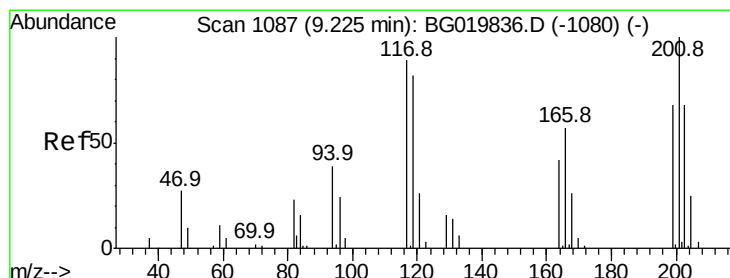
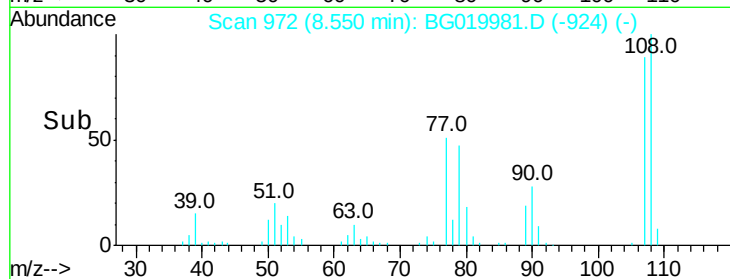
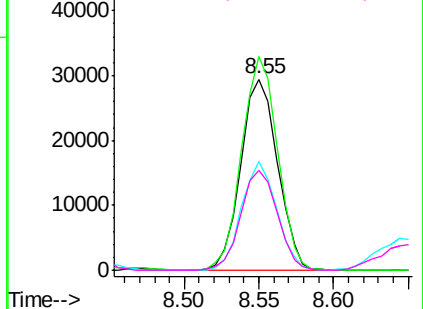
#17
2-Methylphenol
Concen: 43.92 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion:107 Resp: 50369
Ion Ratio Lower Upper
107 100
108 111.9 86.5 129.7
77 56.7 34.6 51.8#
79 52.6 32.3 48.5#

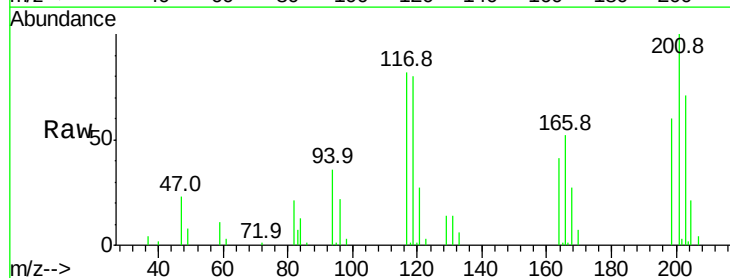


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

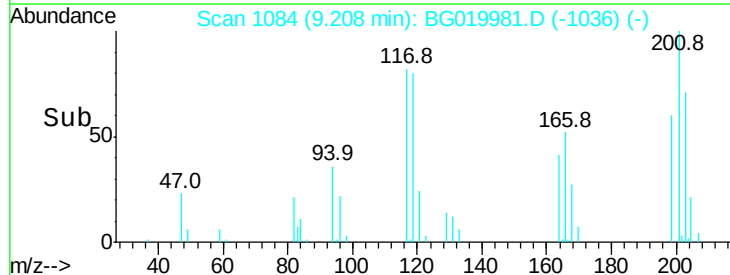
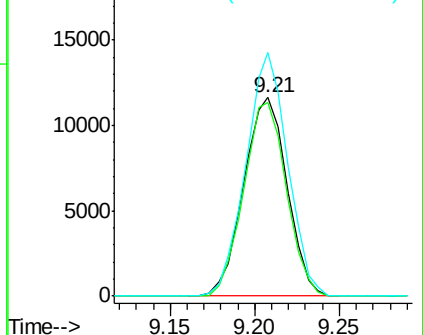


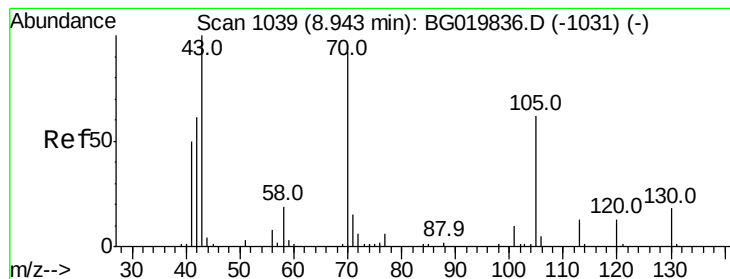
#18
Hexachloroethane
Concen: 37.97 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:117 Resp: 20750
Ion Ratio Lower Upper
117 100
119 97.5 71.7 107.5
201 126.7 90.9 136.3



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.14 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion: 70 Resp: 45215

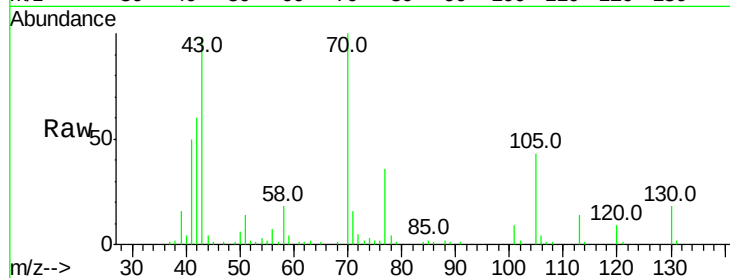
Ion Ratio Lower Upper

70 100

42 60.1 40.6 60.8

101 9.2 8.6 13.0

130 17.9 17.0 25.6



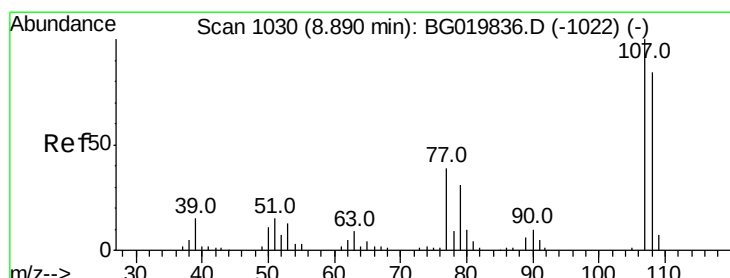
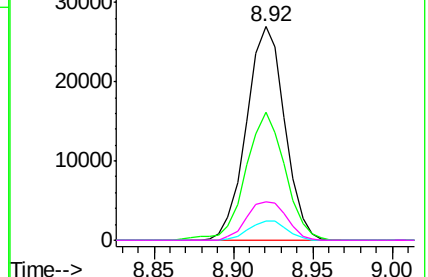
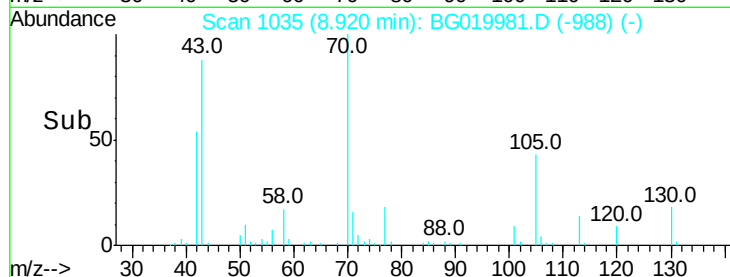
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



#20

3+4-Methylphenols

Concen: 42.80 ng

RT: 8.88 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Tgt Ion: 107 Resp: 69123

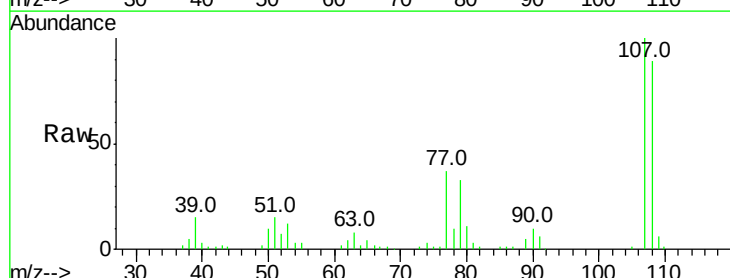
Ion Ratio Lower Upper

107 100

108 88.9 72.2 112.2

77 37.1 13.4 53.4

79 33.0 7.2 47.2



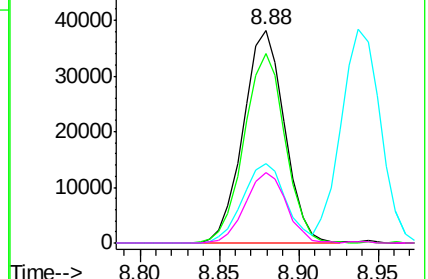
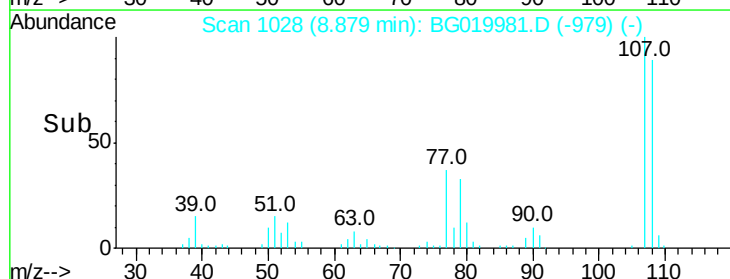
Abundance Ion 107.00 (106.70 to 107.70): BGC

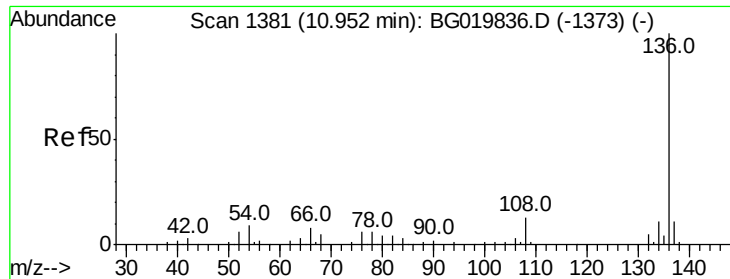
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

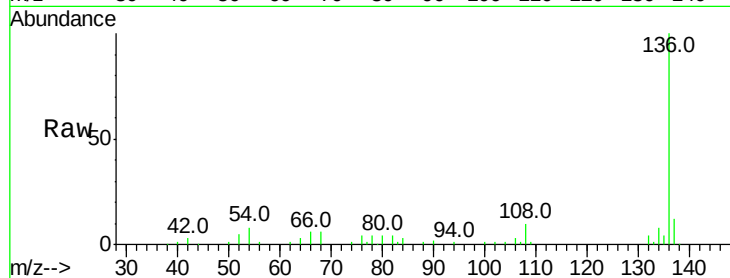




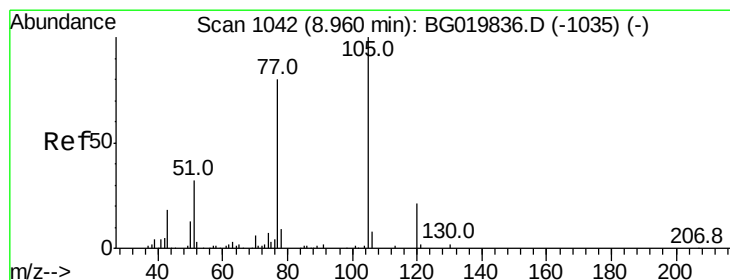
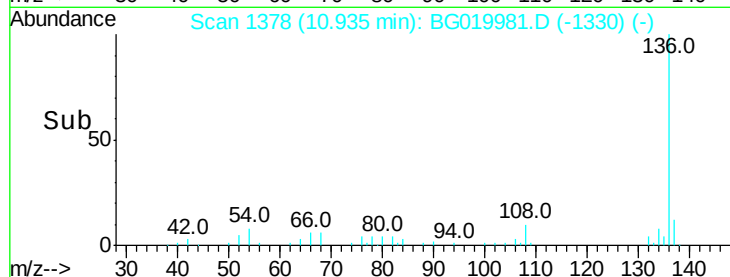
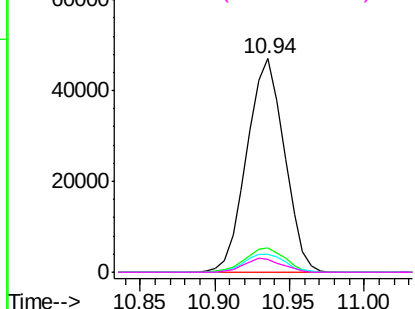
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion:136	Resp:	81906
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 12.8
54	8.4	5.4 8.2#
68	6.2	5.3 7.9

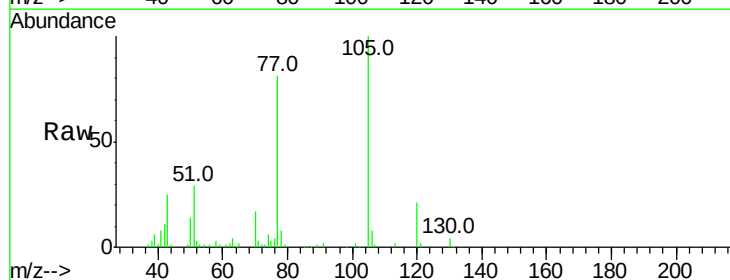


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

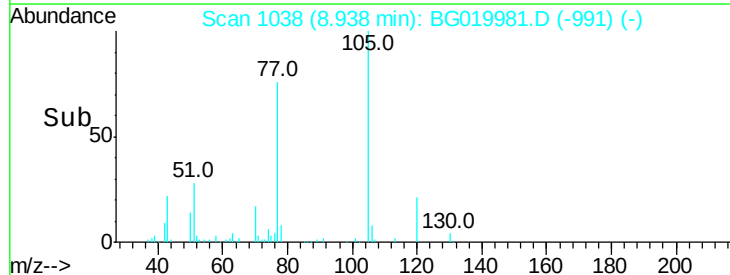
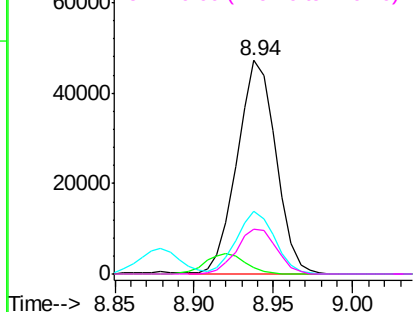


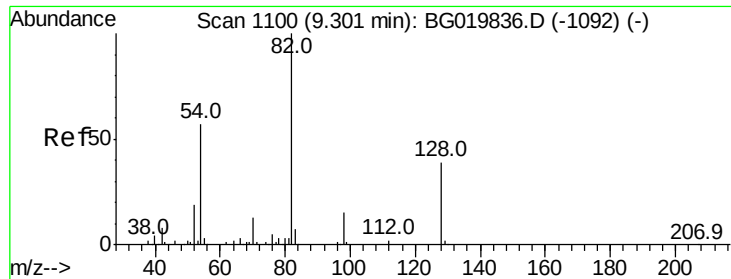
#22
Acetophenone
Concen: 35.68 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:105	Resp:	80102
Ion Ratio	Lower	Upper
105	100	
71	2.8	2.1 3.1
51	29.1	17.8 26.8#
120	20.9	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

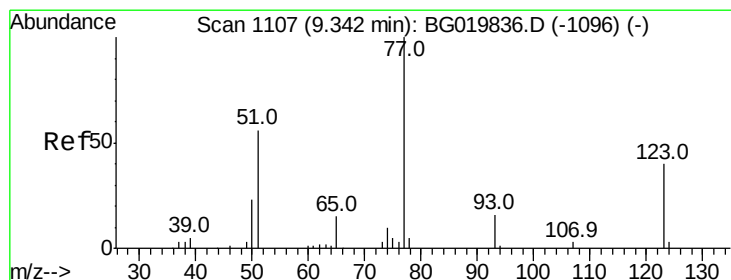
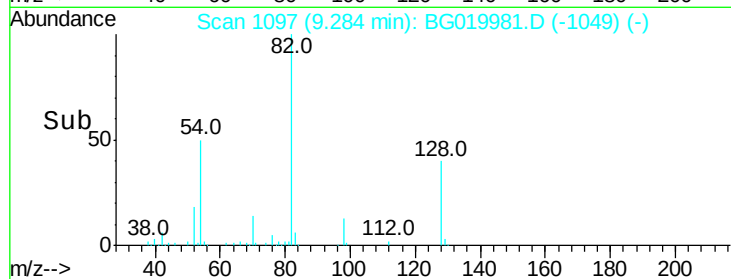
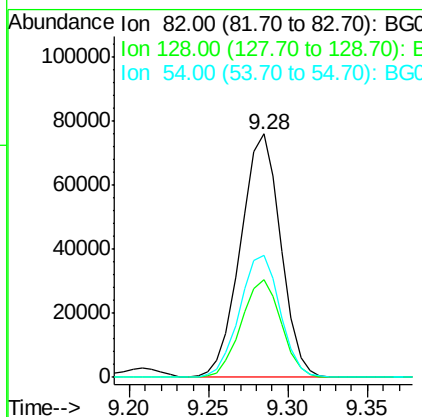
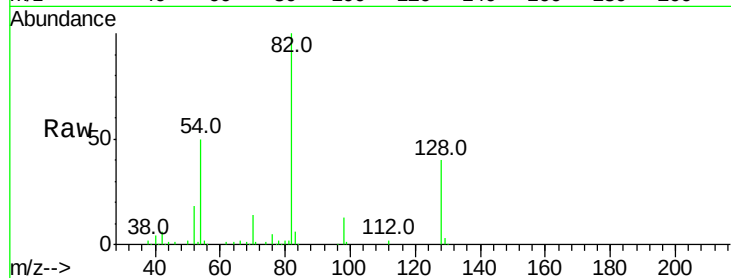




#23
 Nitrobenzene-d5
 Concen: 83.52 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

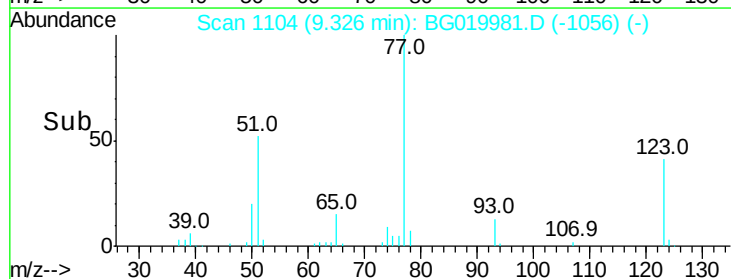
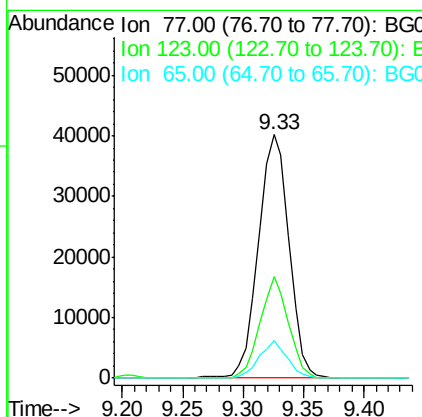
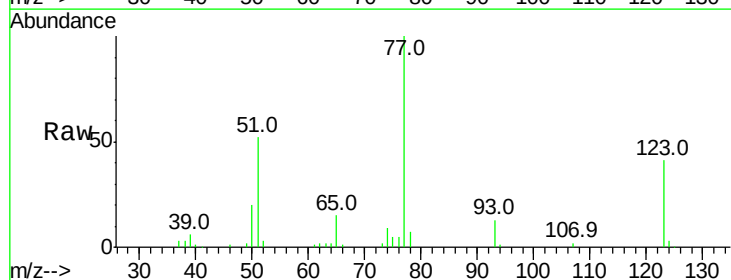
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

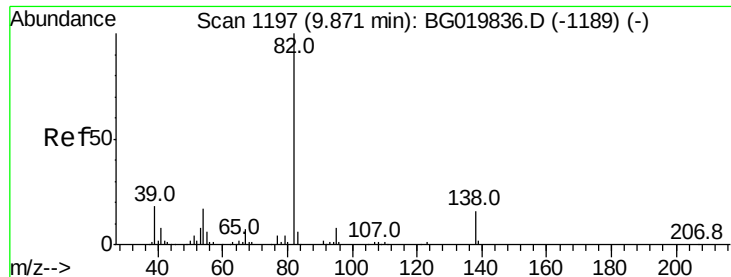
Tot Ion: 82 Resp: 134033
 Ion Ratio Lower Upper
 82 100
 128 40.0 36.7 55.1
 54 50.0 33.8 50.8



#24
 Nitrobenzene
 Concen: 40.45 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion: 77 Resp: 70420
 Ion Ratio Lower Upper
 77 100
 123 41.5 38.2 57.2
 65 15.4 10.6 16.0





#25

Isophorone

Concen: 36.04 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

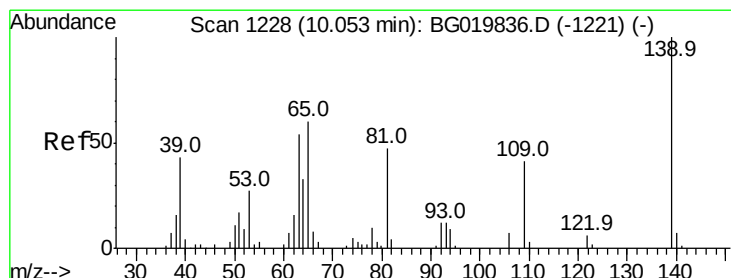
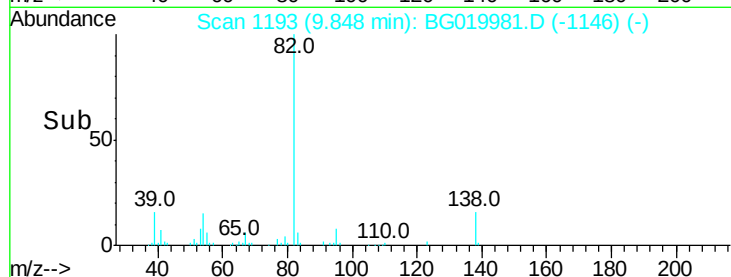
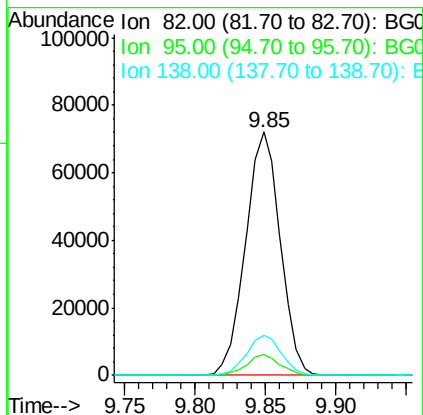
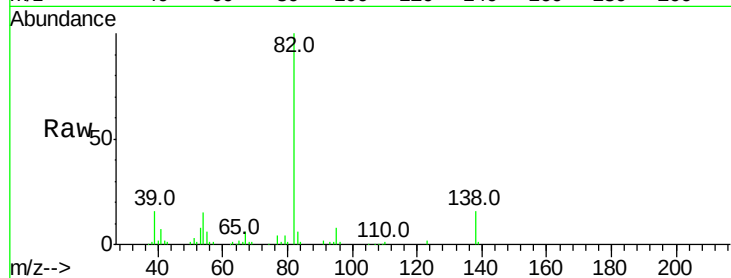
Tot Ion: 82 Resp: 123994

Ion Ratio Lower Upper

82 100

95 8.4 5.2 7.8#

138 16.3 14.4 21.6



#26

2-Nitrophenol

Concen: 45.50 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

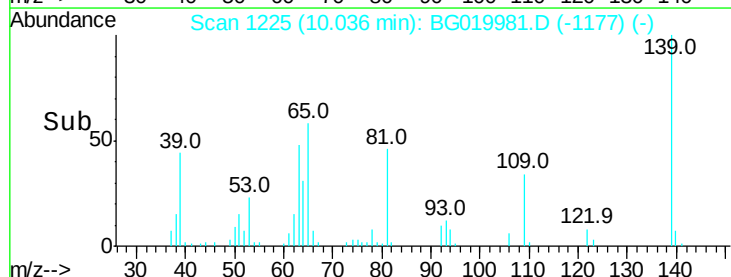
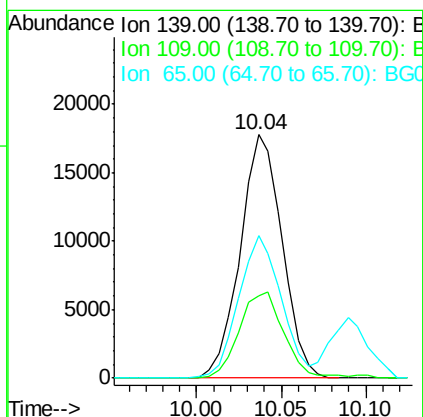
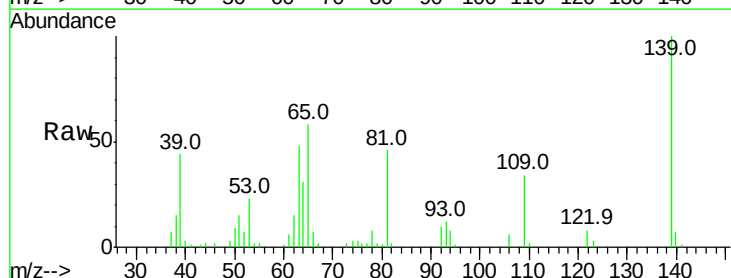
Tgt Ion: 139 Resp: 30591

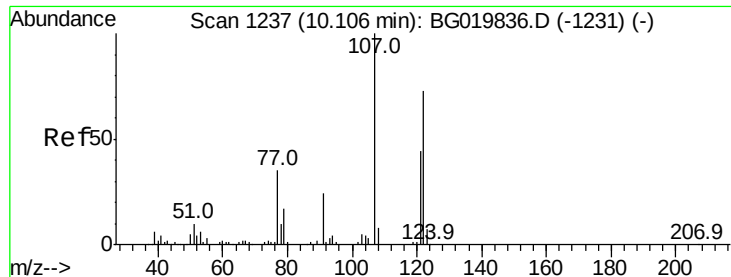
Ion Ratio Lower Upper

139 100

109 33.6 20.1 30.1#

65 58.3 34.1 51.1#

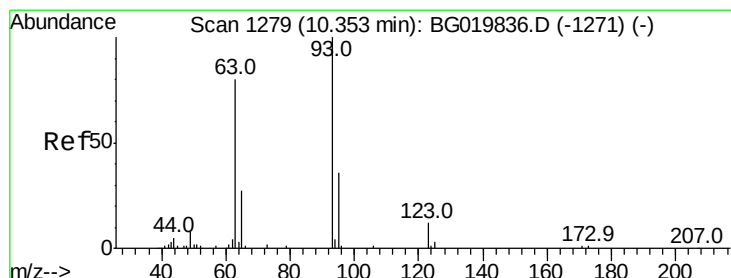
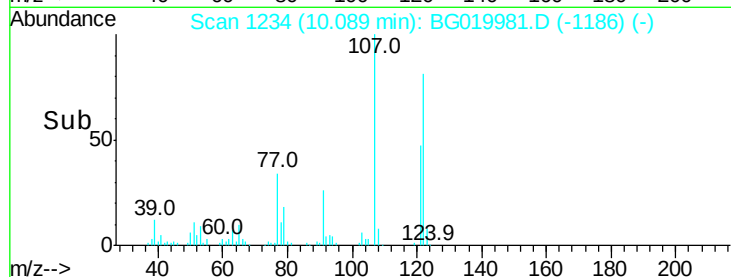
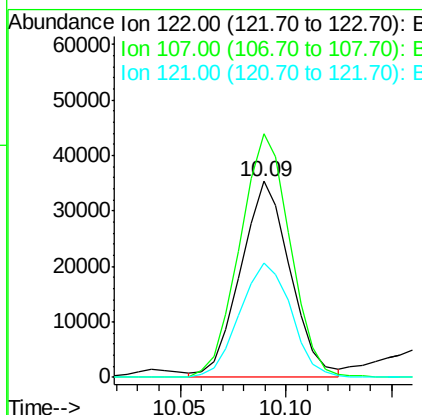
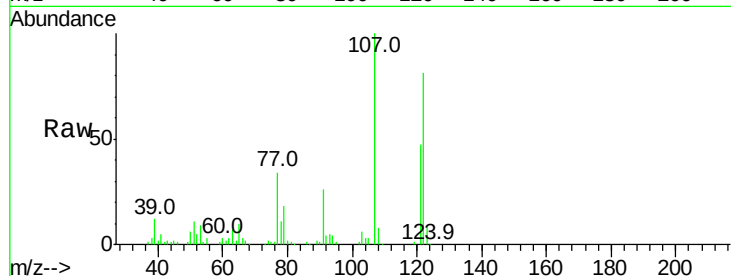




#27
2,4-Dimethylphenol
Concen: 41.12 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

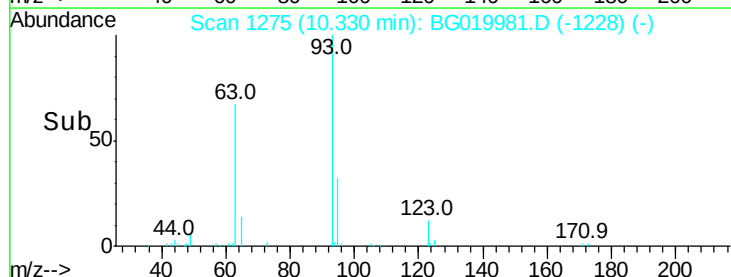
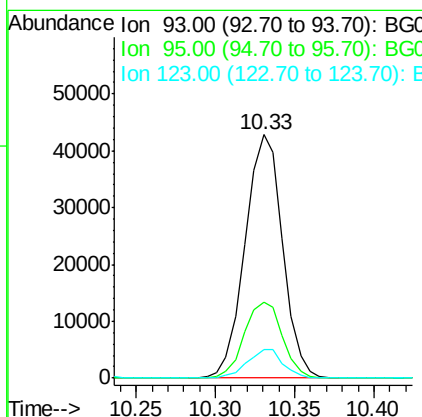
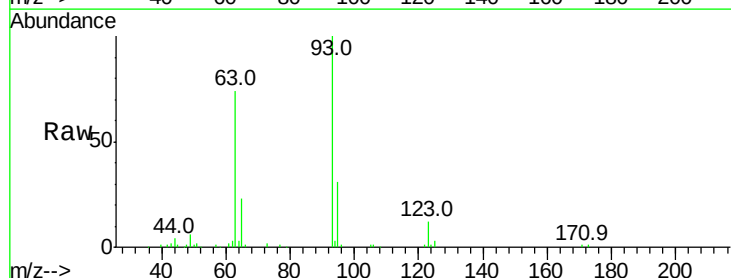
Instrument :
BNA_G
ClientSampleId :
PB87030BS

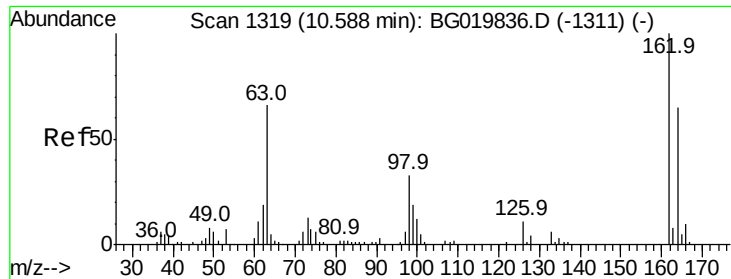
Tot Ion:122 Resp: 57568
Ion Ratio Lower Upper
122 100
107 124.2 91.6 137.4
121 58.2 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.76 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion: 93 Resp: 70216
Ion Ratio Lower Upper
93 100
95 31.1 25.7 38.5
123 11.7 8.6 12.8

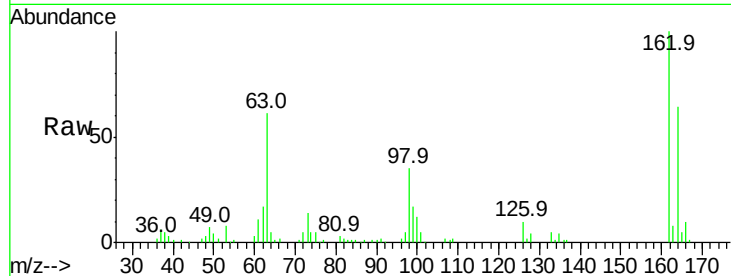




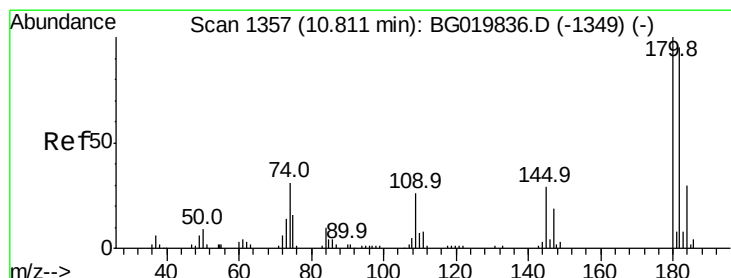
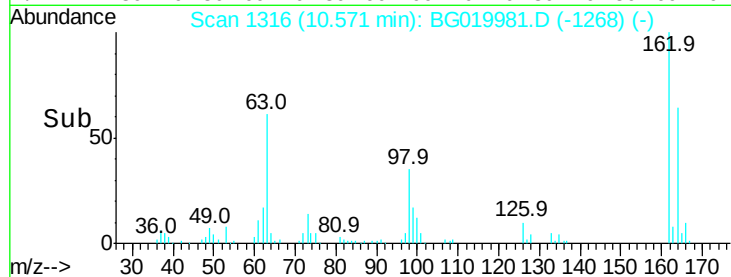
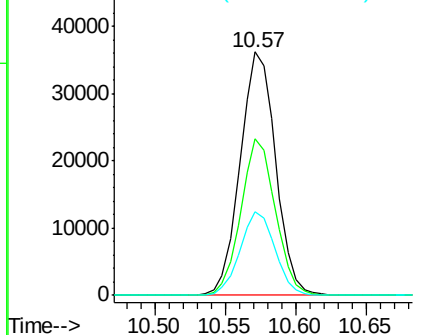
#29
 2,4-Dichlorophenol
 Concen: 44.47 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion:162 Resp: 63607
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.3 82.3
 98 34.5 11.5 51.5

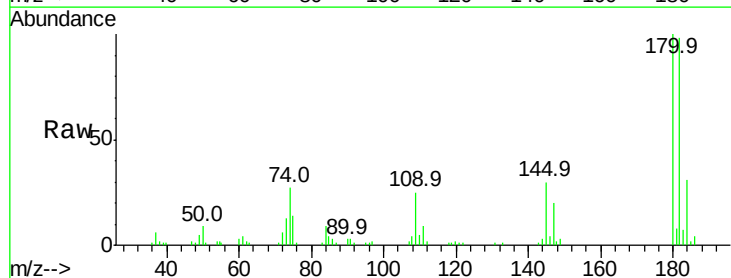


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

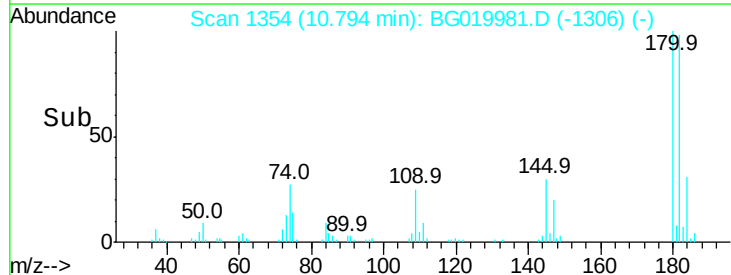
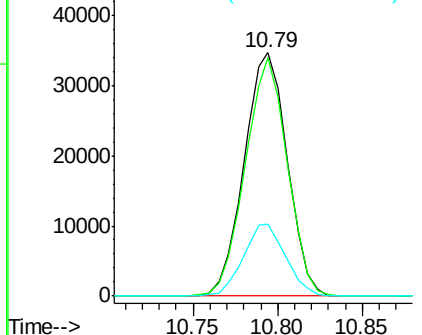


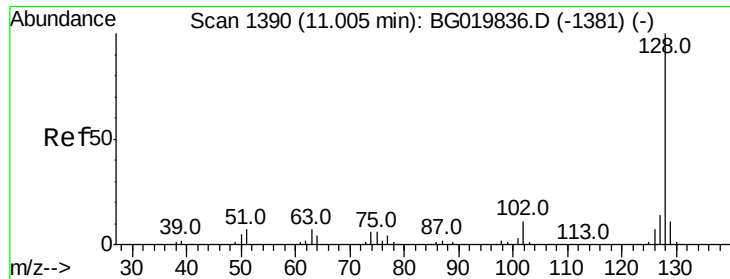
#30
 1,2,4-Trichlorobenzene
 Concen: 37.91 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion:180 Resp: 61282
 Ion Ratio Lower Upper
 180 100
 182 97.8 79.7 119.5
 145 29.6 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: 39.51 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

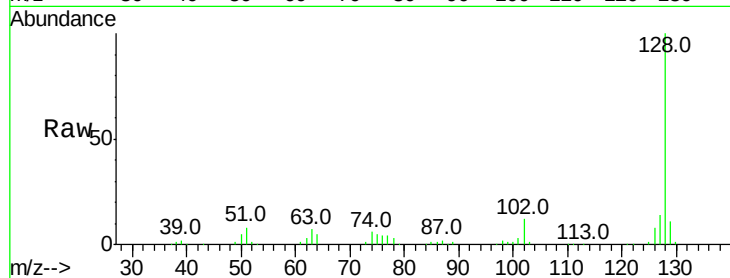
Tot Ion:128 Resp: 173350

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

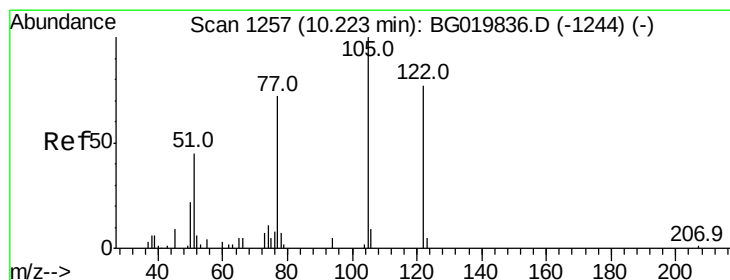
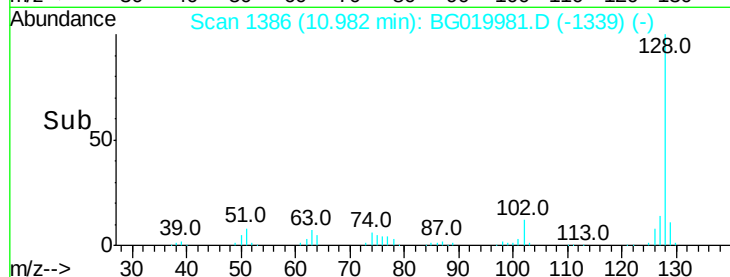
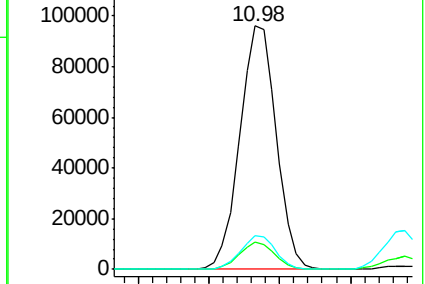
127 13.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.57 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

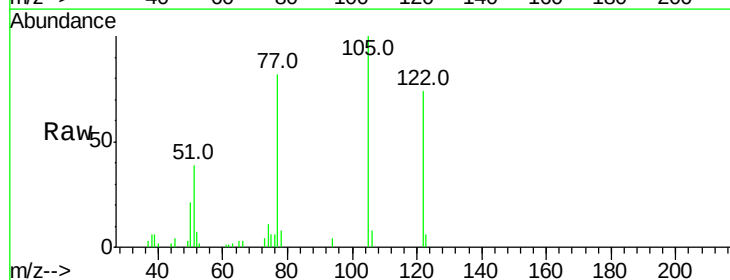
Tgt Ion:122 Resp: 40512

Ion Ratio Lower Upper

122 100

105 134.9 103.8 143.8

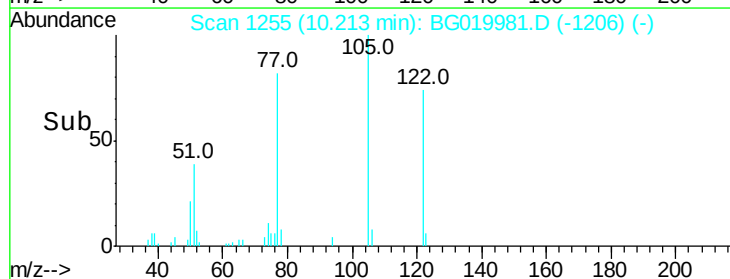
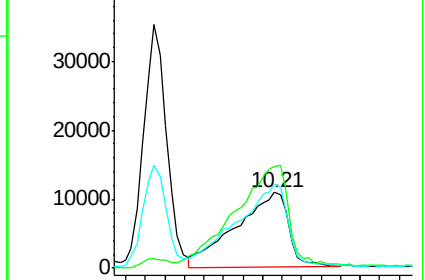
77 111.1 68.8 108.8#

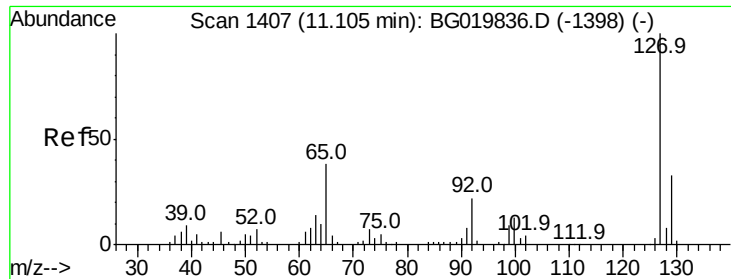


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

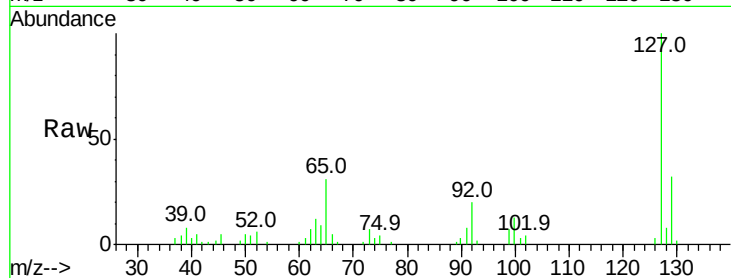




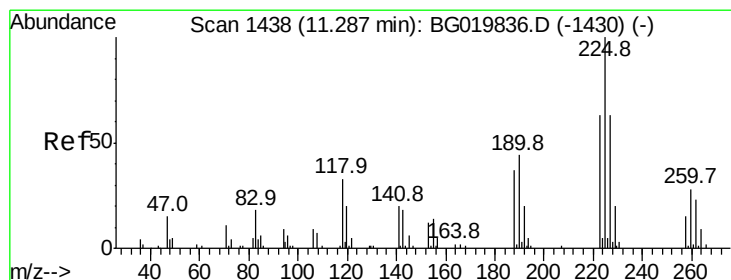
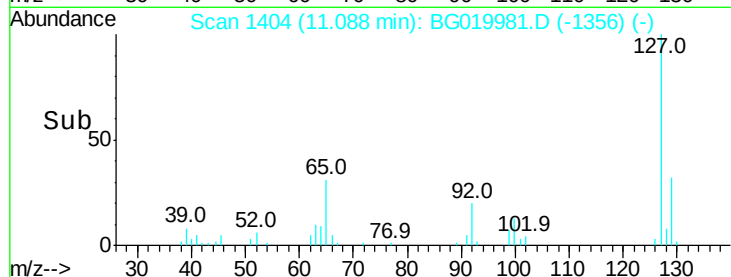
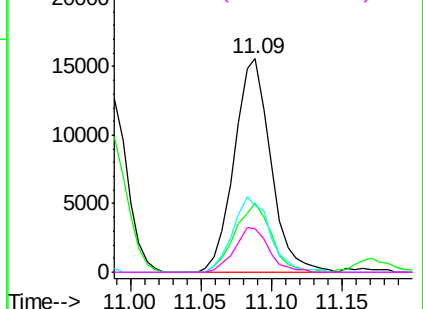
#33
4-Chloroaniline
Concen: 14.61 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion:	127	Resp:	28245
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.6	37.0
65	31.3	22.6	33.8
92	20.5	15.1	22.7

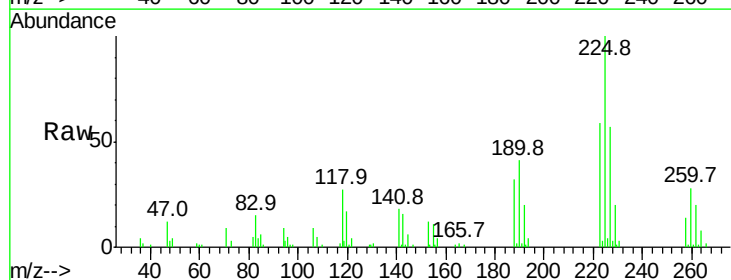


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

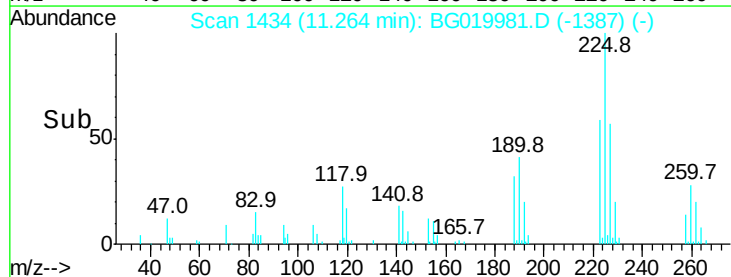
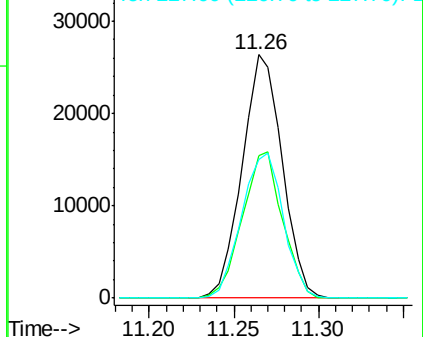


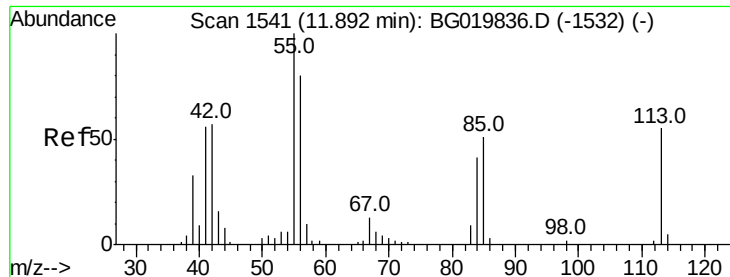
#34
Hexachlorobutadiene
Concen: 36.55 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:	225	Resp:	43585
Ion	Ratio	Lower	Upper
225	100		
223	58.6	51.0	76.4
227	57.2	51.8	77.8



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





#35

Caprolactam

Concen: 42.66 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

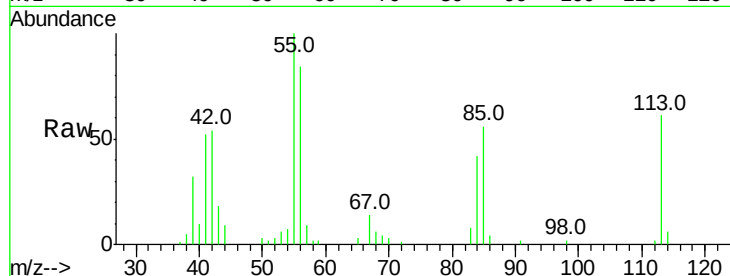
Tot Ion:113 Resp: 22715

Ion Ratio Lower Upper

113 100

55 164.7 135.0 175.0

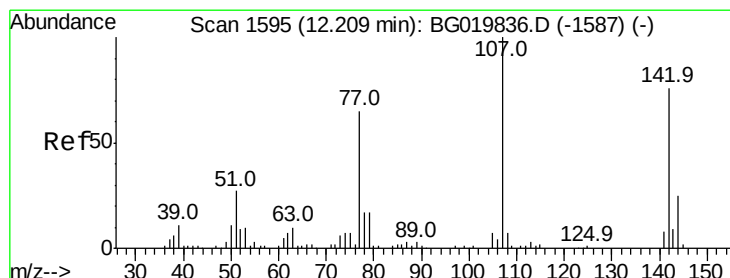
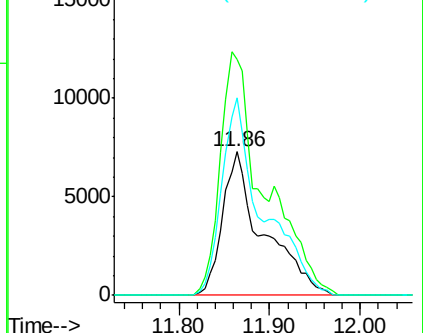
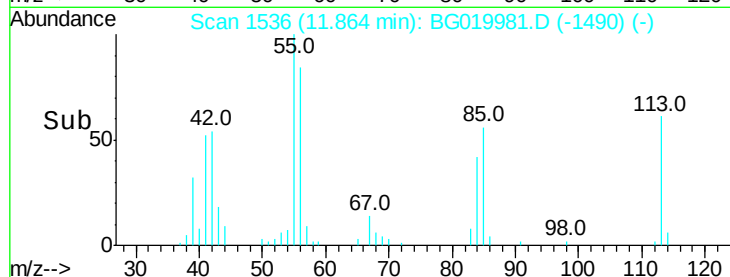
56 138.4 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.46 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

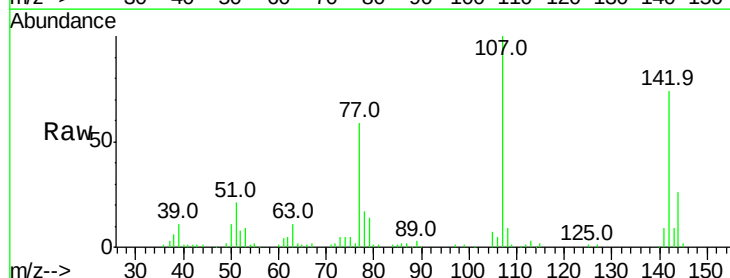
Tgt Ion:107 Resp: 73856

Ion Ratio Lower Upper

107 100

144 25.6 20.6 31.0

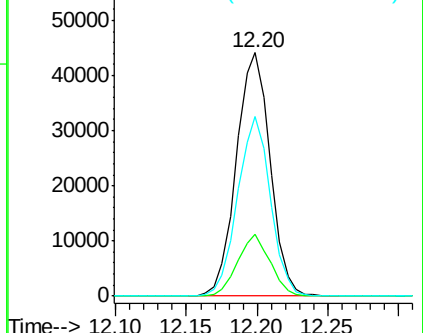
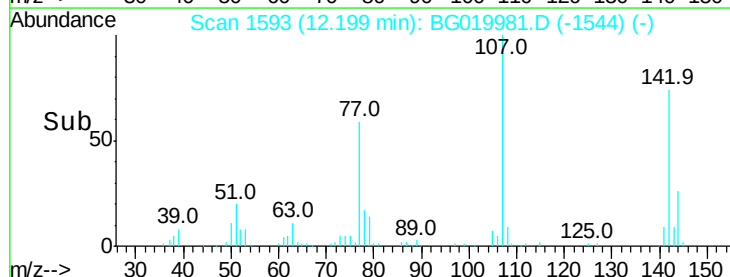
142 74.0 62.6 93.8

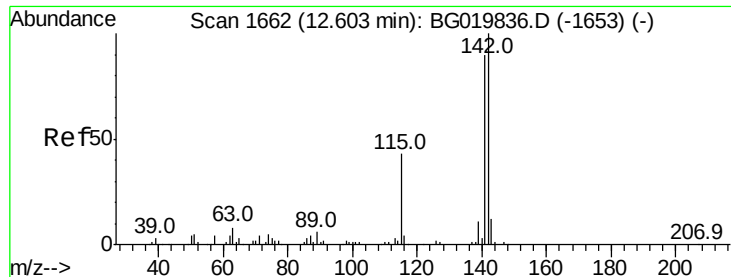


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

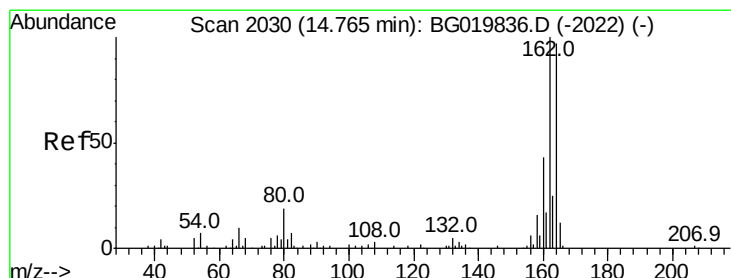
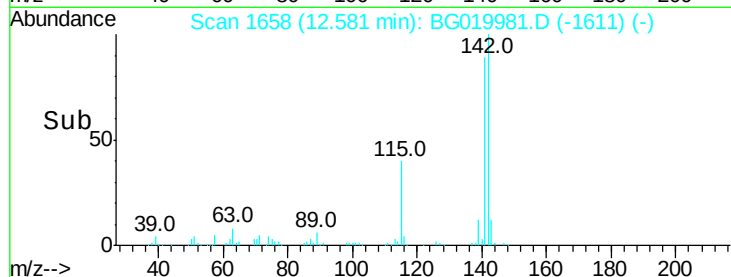
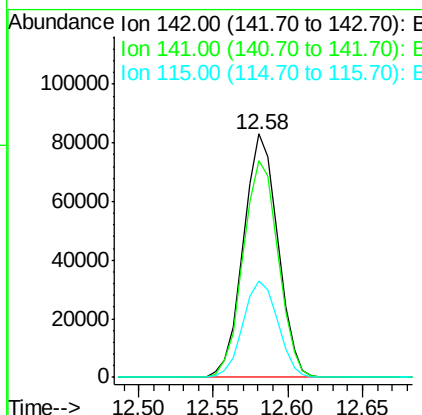
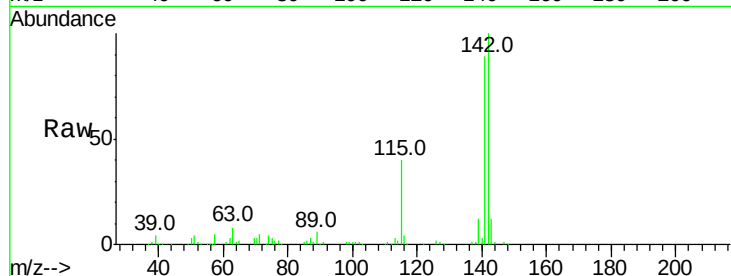




#37
2-Methylnaphthalene
Concen: 41.26 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

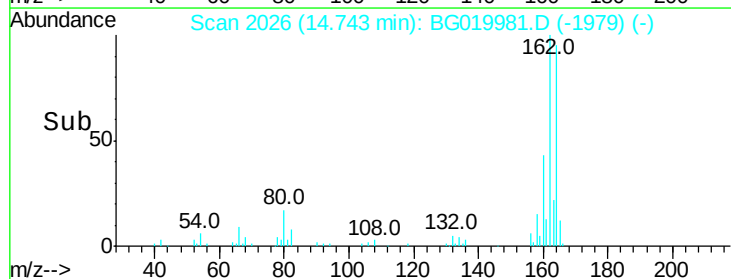
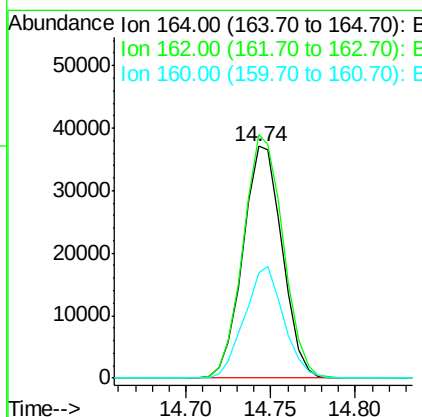
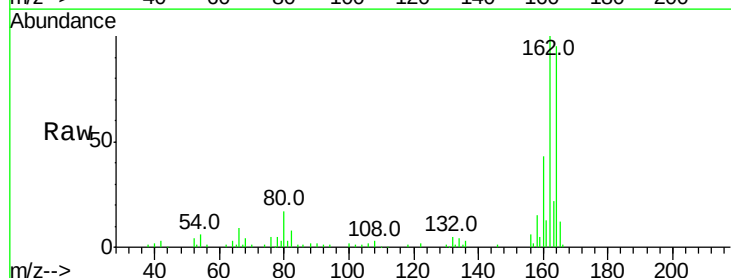
Instrument :
BNA_G
ClientSampleId :
PB87030BS

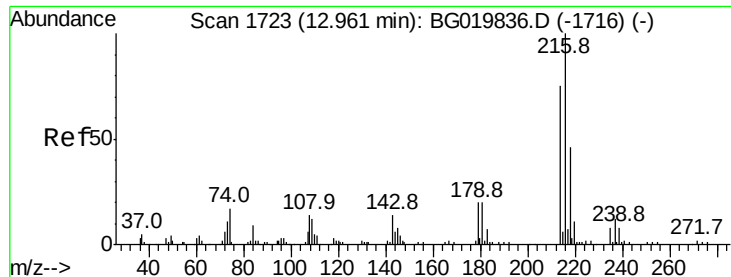
Tot Ion:142 Resp: 132660
Ion Ratio Lower Upper
142 100
141 88.9 74.6 112.0
115 39.8 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:164 Resp: 59877
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 45.3 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.22 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion:216 Resp: 82305

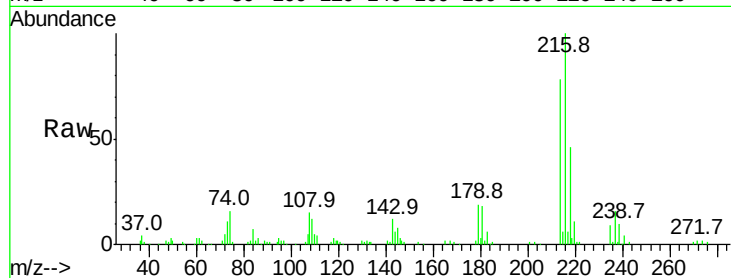
Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

179 19.7 15.6 23.4

108 17.7 13.3 19.9

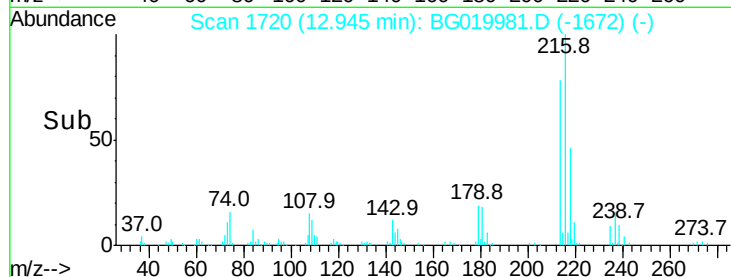


Abundance Ion 216.00 (215.70 to 216.70): E

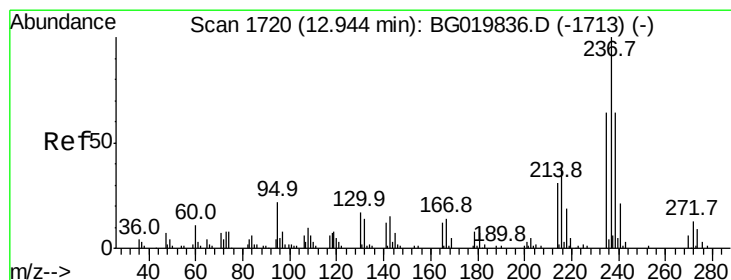
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.26 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

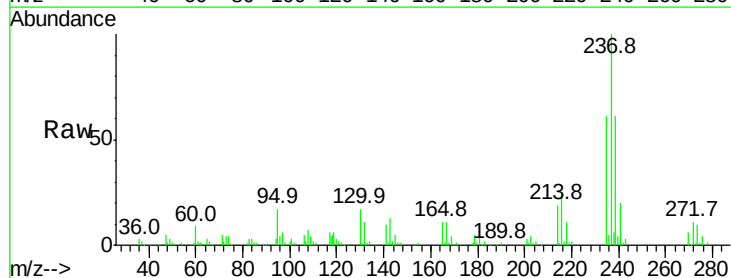
Tgt Ion:237 Resp: 85842

Ion Ratio Lower Upper

237 100

235 60.5 44.6 84.6

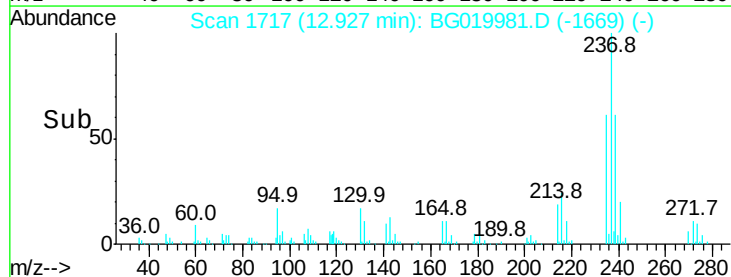
272 11.2 0.0 32.8



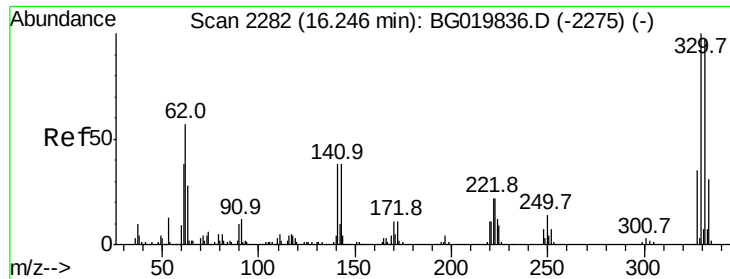
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



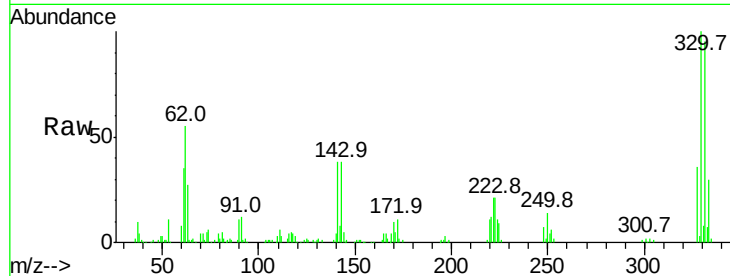
Time-->



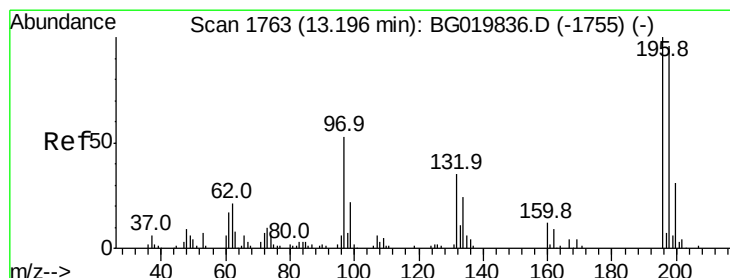
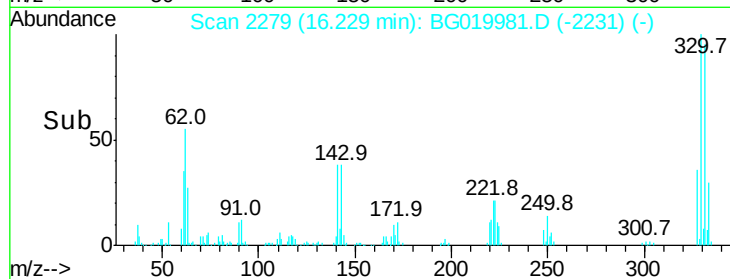
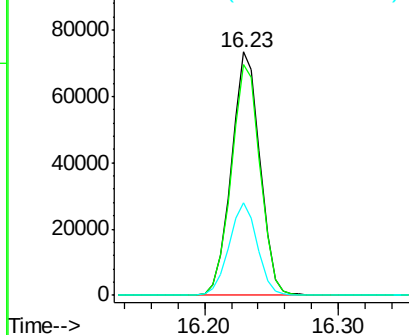
#41
 2,4,6-Tribromophenol
 Concen: 119.04 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.1	117.1
141	37.8	28.2	42.2

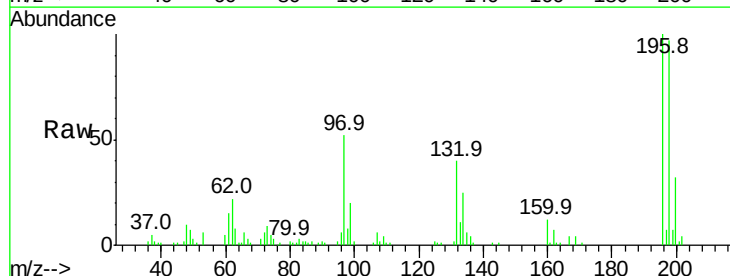


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

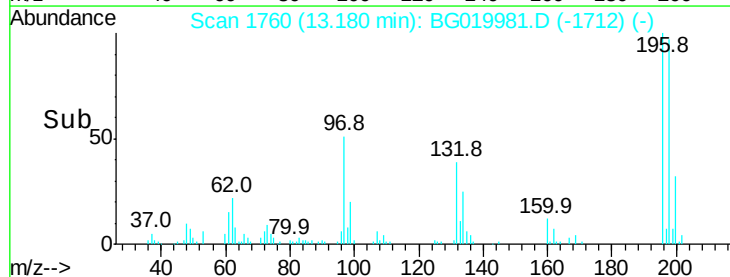
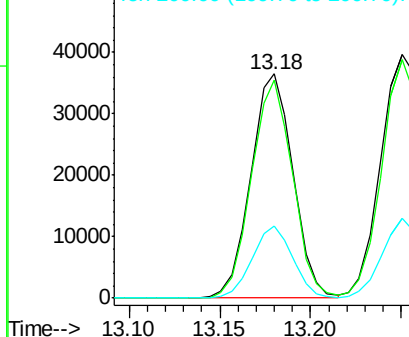


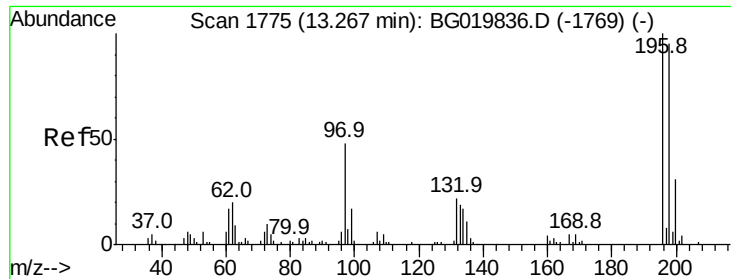
#42
 2,4,6-Trichlorophenol
 Concen: 39.05 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.7	112.1
200	32.3	24.1	36.1



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

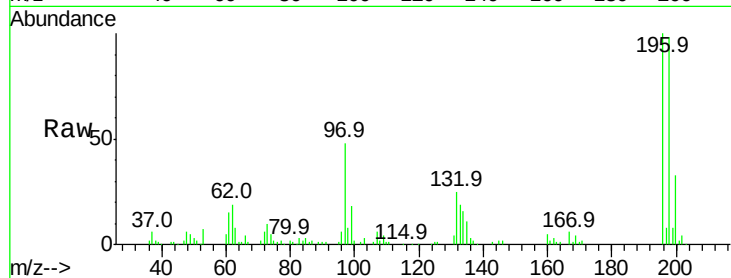




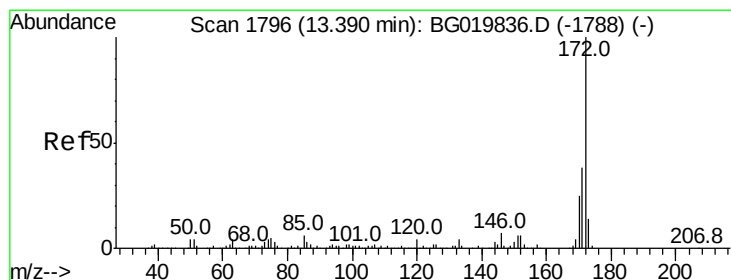
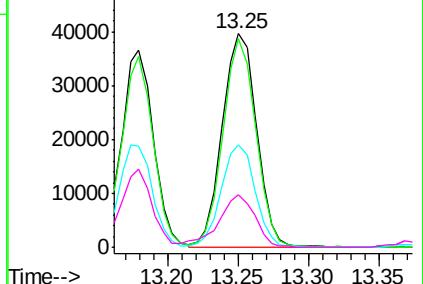
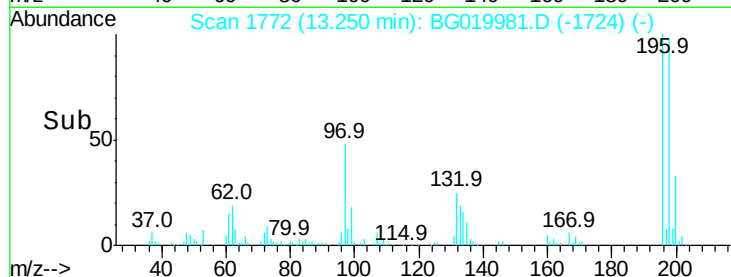
#43
 2,4,5-Trichlorophenol
 Concen: 42.34 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion:196 Resp: 67314
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.2 112.8
 97 48.2 34.2 51.2
 132 24.7 21.8 32.6

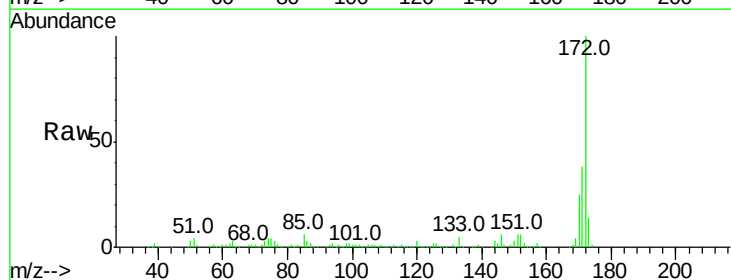


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

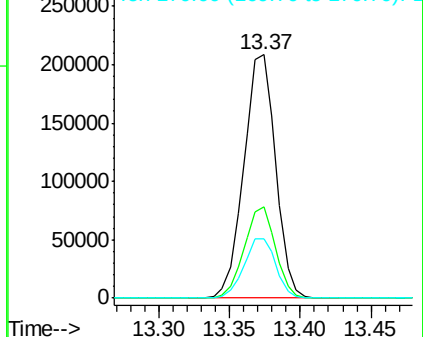
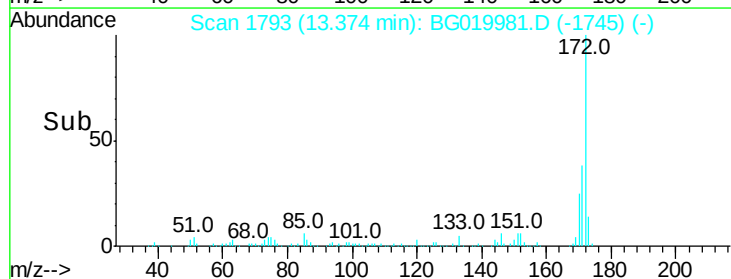


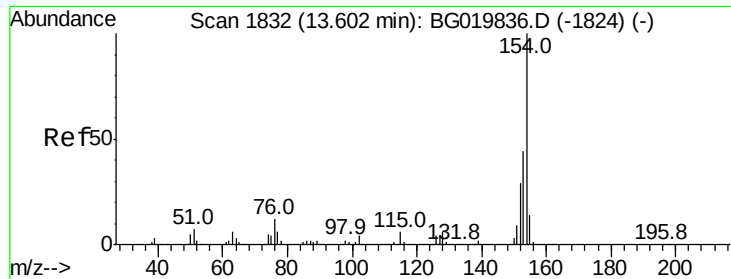
#44
 2-Fluorobiphenyl
 Concen: 74.95 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion:172 Resp: 328660
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.6
 170 24.6 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: 35.75 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

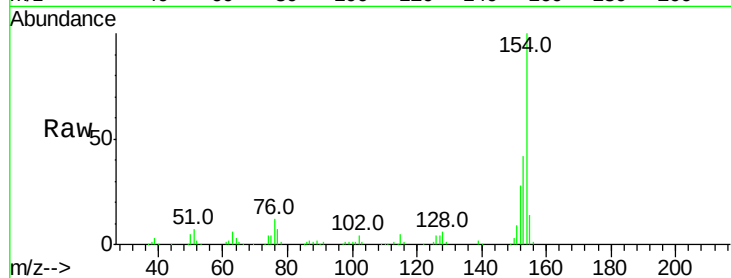
Tot Ion:154 Resp: 175650

Ion Ratio Lower Upper

154 100

153 42.2 21.9 61.9

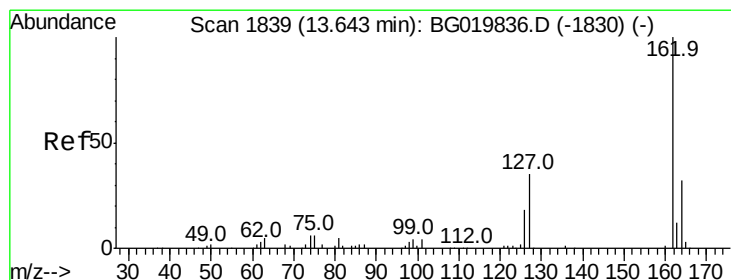
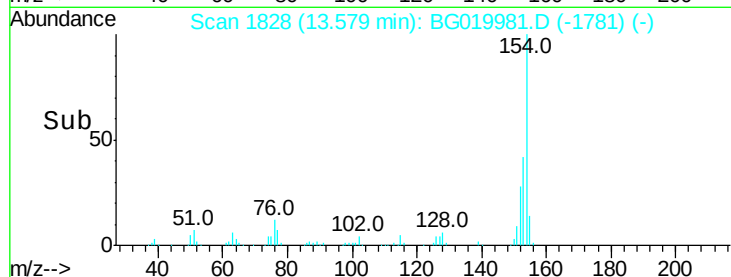
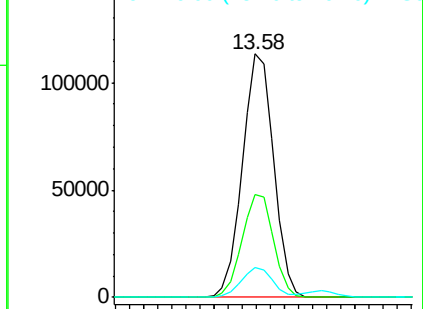
76 12.3 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 37.86 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

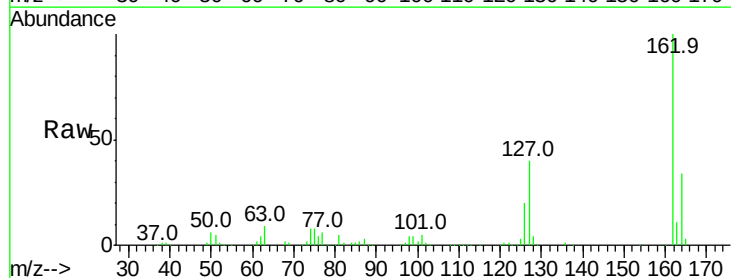
Tgt Ion:162 Resp: 143415

Ion Ratio Lower Upper

162 100

127 40.4 28.3 42.5

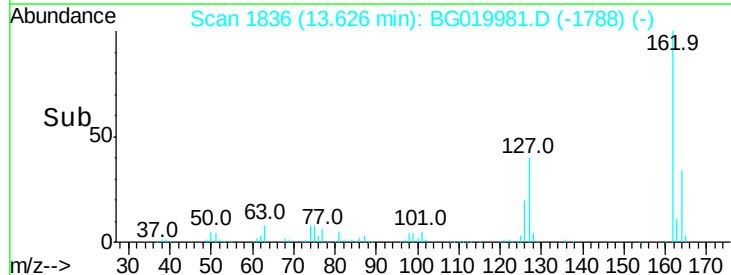
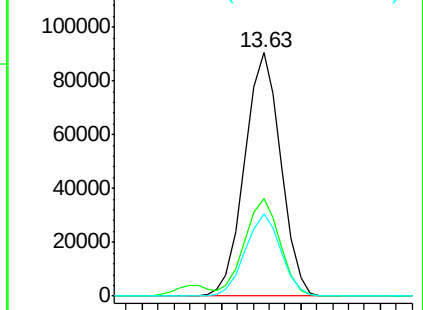
164 33.6 27.4 41.0

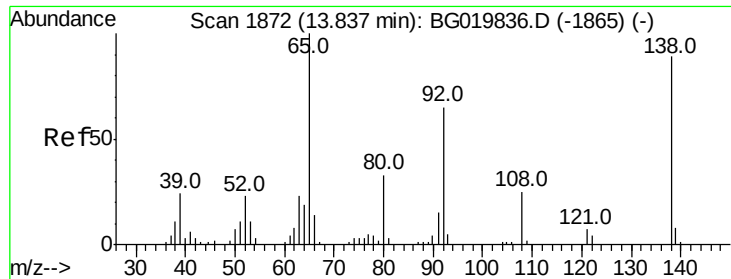


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

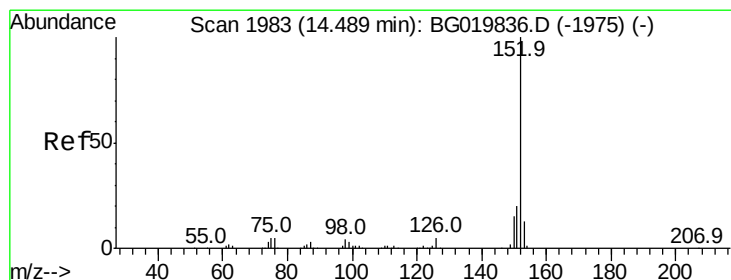
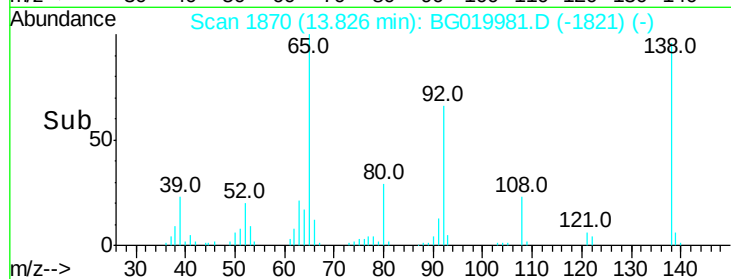
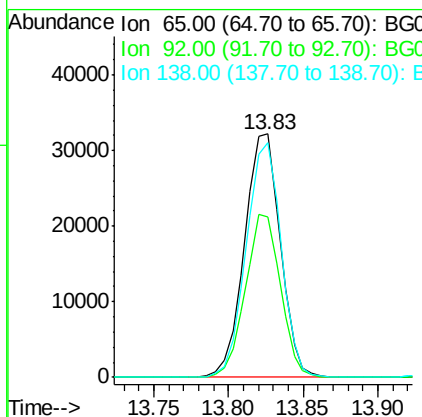
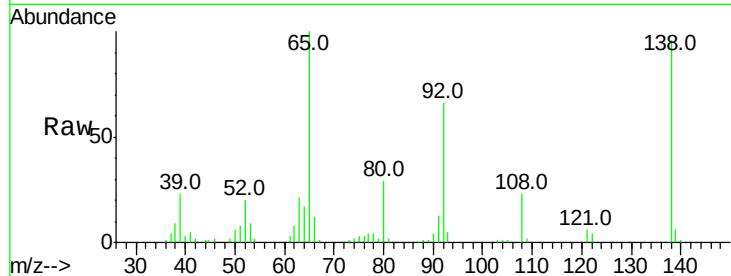




#47
2-Nitroaniline
Concen: 44.61 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

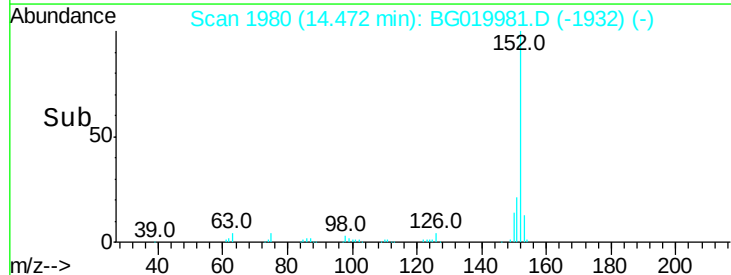
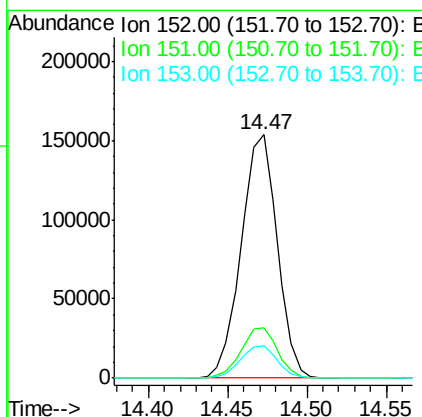
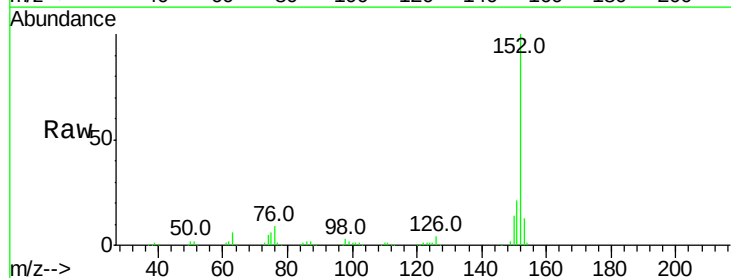
Instrument :
BNA_G
ClientSampleId :
PB87030BS

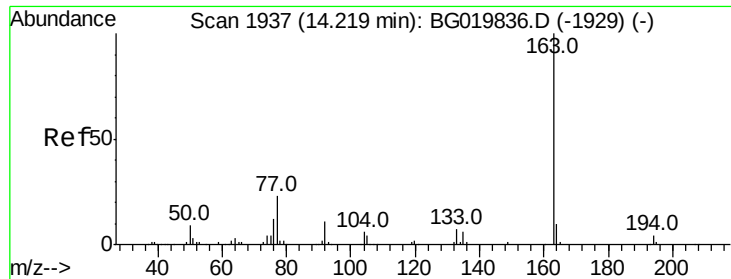
Tot Ion: 65 Resp: 53366
Ion Ratio Lower Upper
65 100
92 66.1 54.8 82.2
138 96.2 89.6 134.4



#48
Acenaphthylene
Concen: 37.62 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion: 152 Resp: 242711
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.4
153 13.1 10.4 15.6





#49

Dimethylphthalate

Concen: 36.15 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

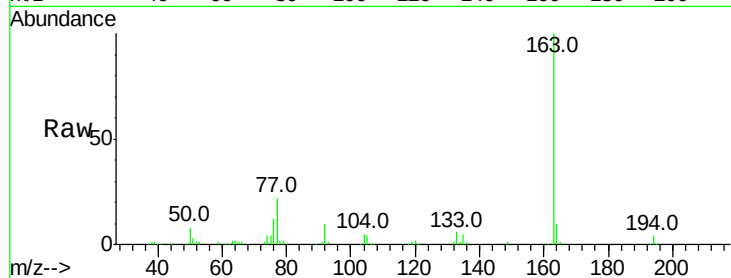
Tot Ion:163 Resp: 194685

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

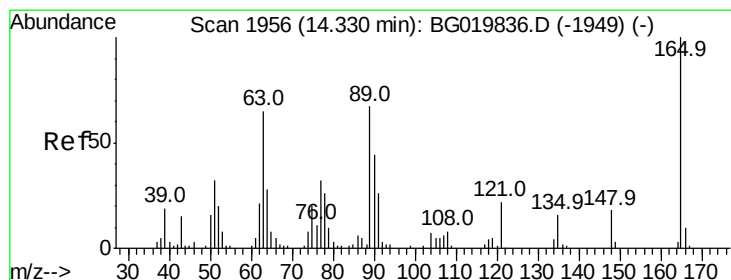
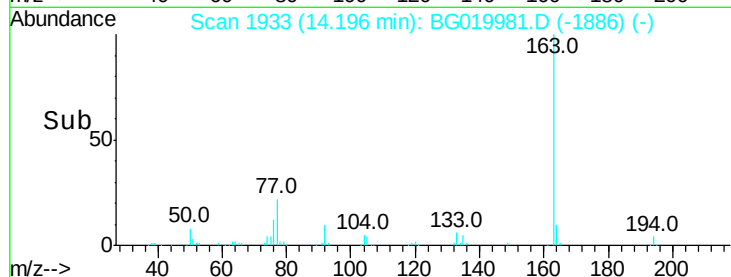
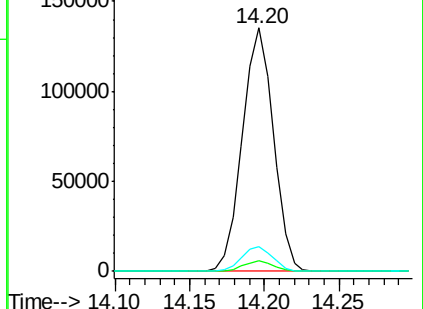
164 10.2 8.8 13.2



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: 43.31 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

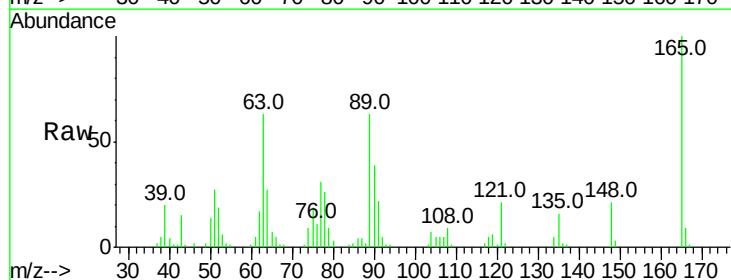
Tgt Ion:165 Resp: 43862

Ion Ratio Lower Upper

165 100

63 63.1 35.7 53.5#

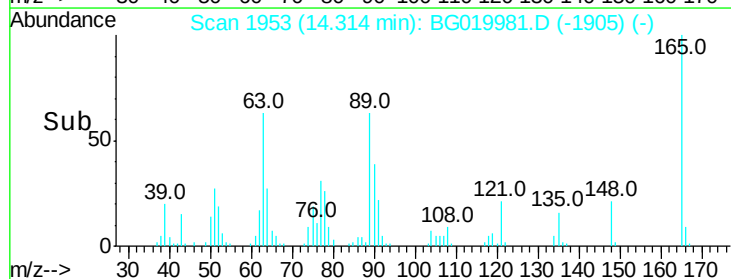
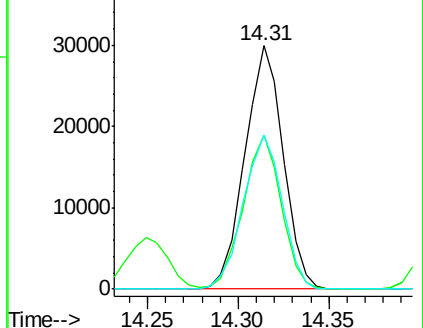
89 63.3 39.7 59.5#

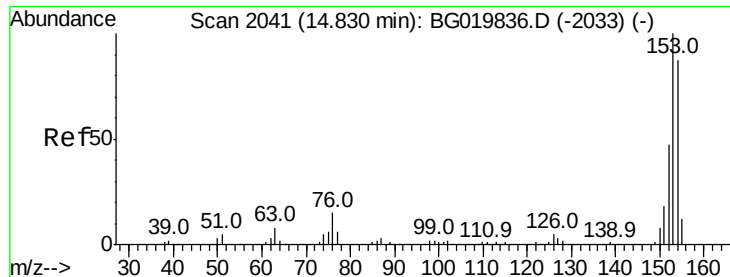


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.49 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

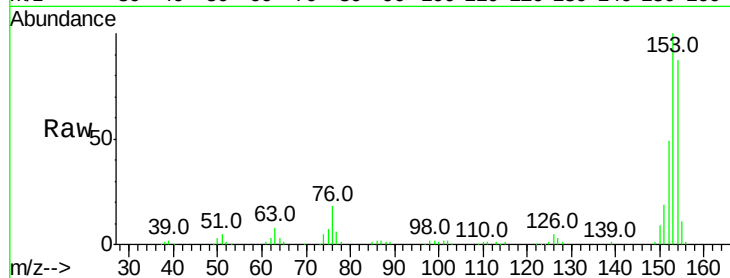
Tot Ion:154 Resp: 162408

Ion Ratio Lower Upper

154 100

153 114.8 92.9 139.3

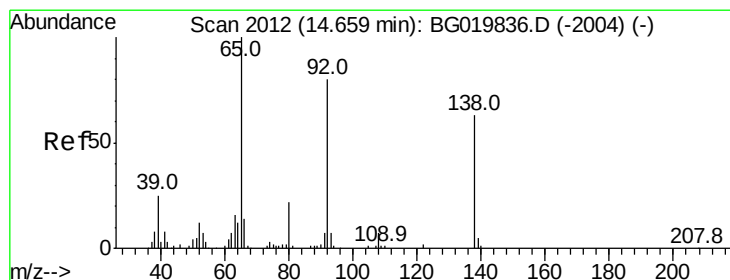
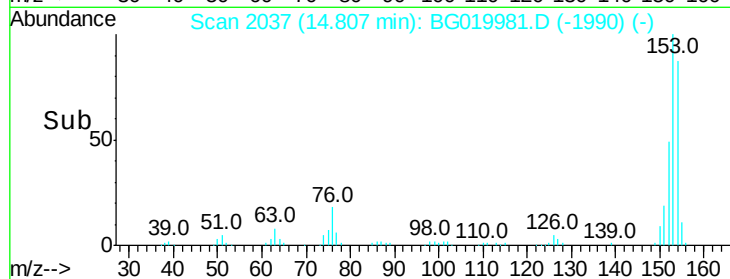
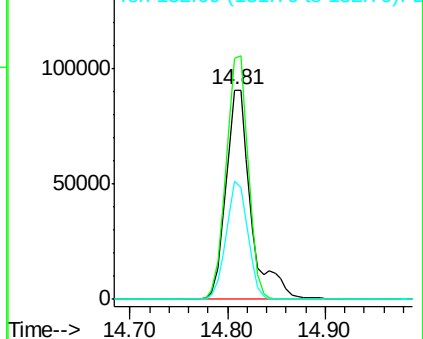
152 56.2 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.70 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

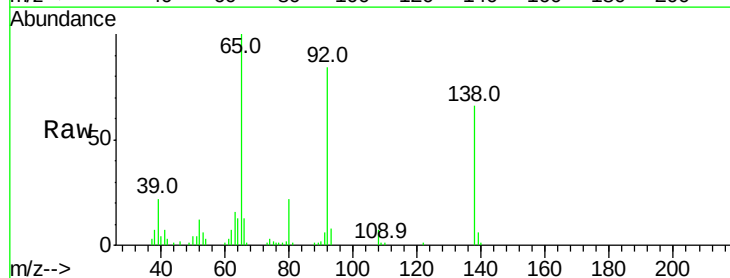
Tgt Ion:138 Resp: 31244

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

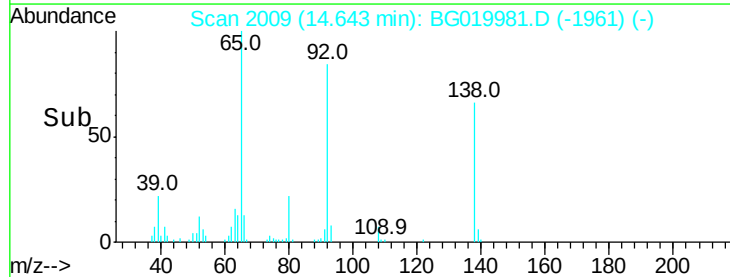
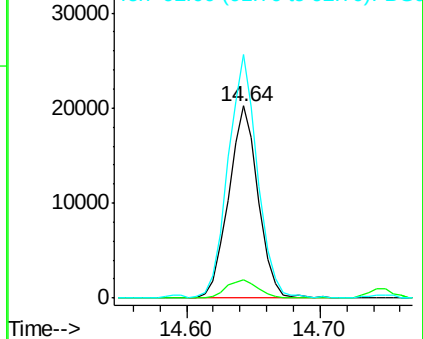
92 126.7 94.2 141.4

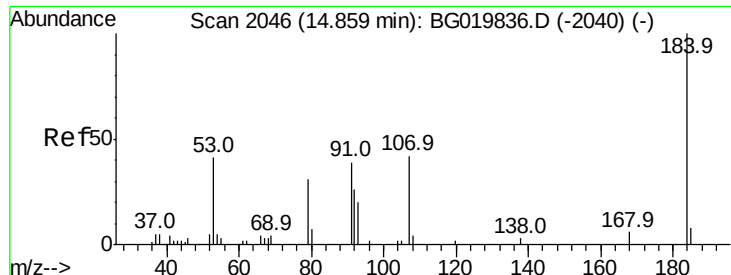


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

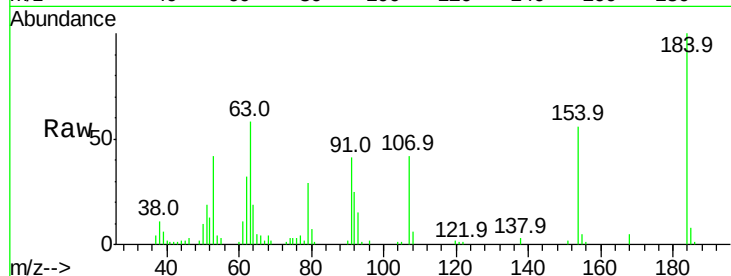




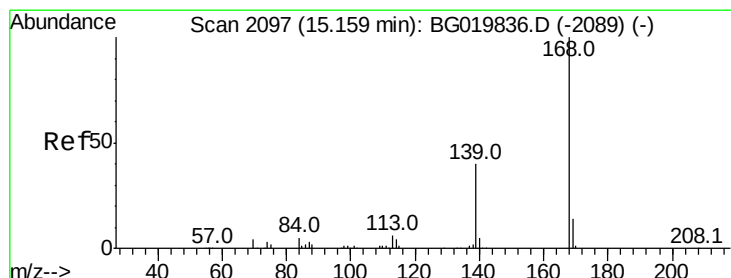
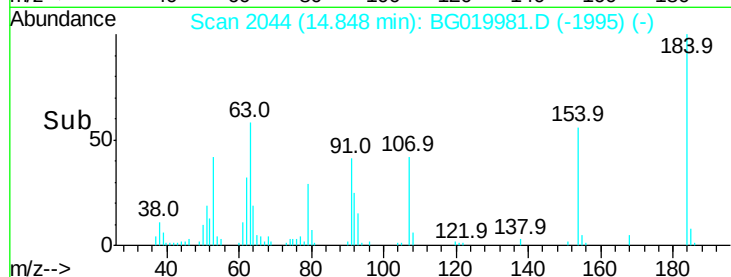
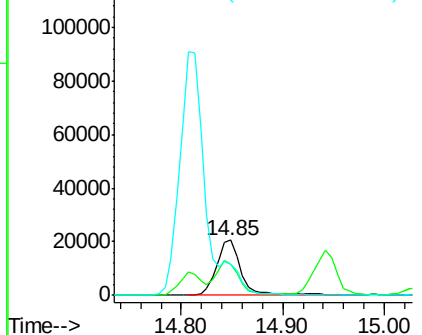
#53
 2,4-Dinitrophenol
 Concen: 66.10 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion:184 Resp: 34641
 Ion Ratio Lower Upper
 184 100
 63 57.9 42.7 64.1
 154 56.0 44.3 66.5

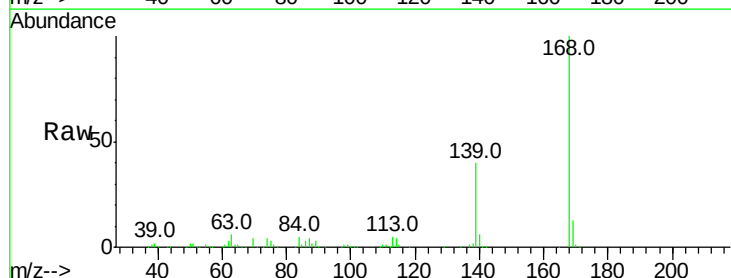


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

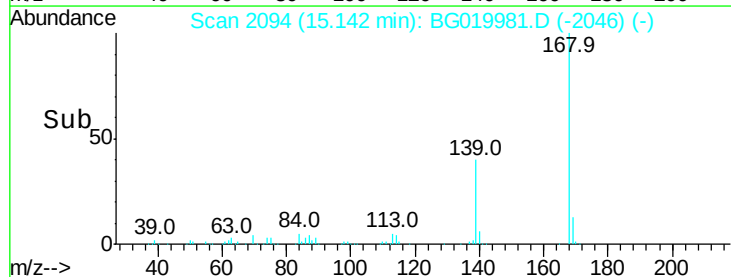
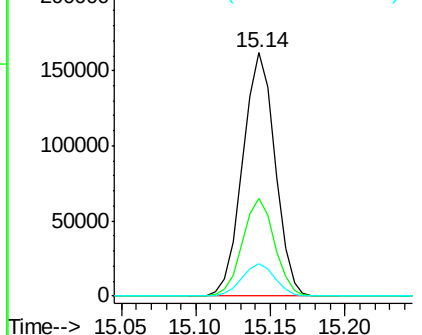


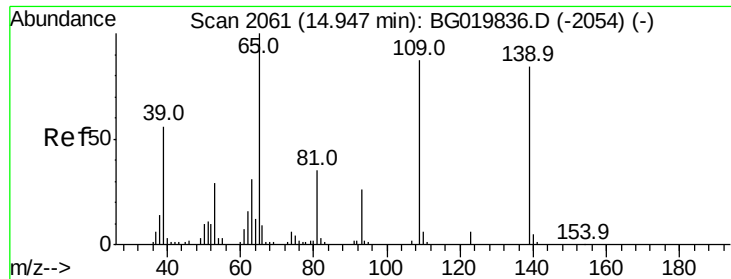
#54
 Dibenzofuran
 Concen: 41.63 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion:168 Resp: 242438
 Ion Ratio Lower Upper
 168 100
 139 40.3 27.4 41.0
 169 13.4 11.0 16.4



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

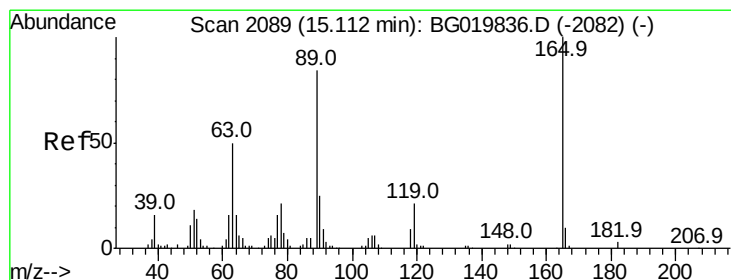
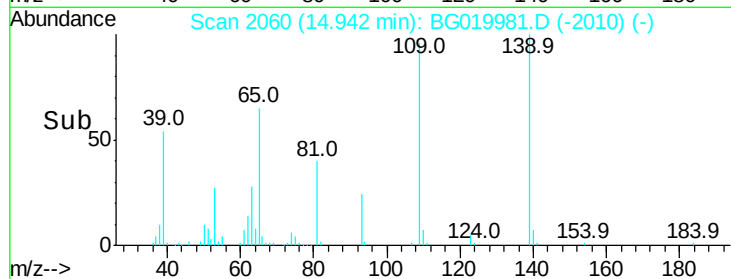
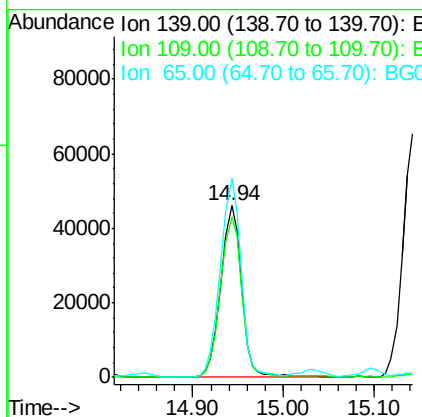
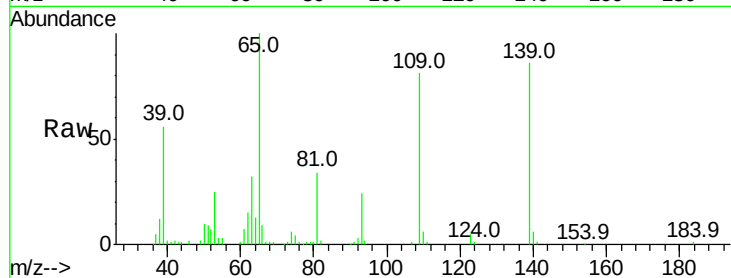




#55
4-Nitrophenol
Concen: 81.03 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

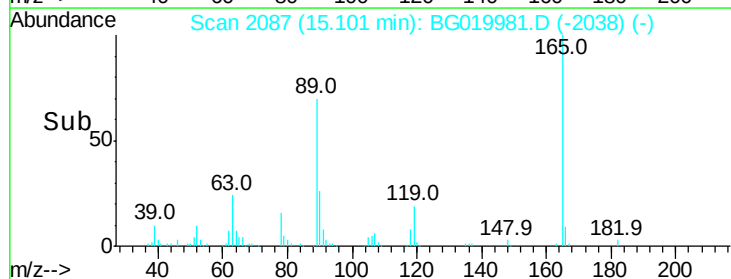
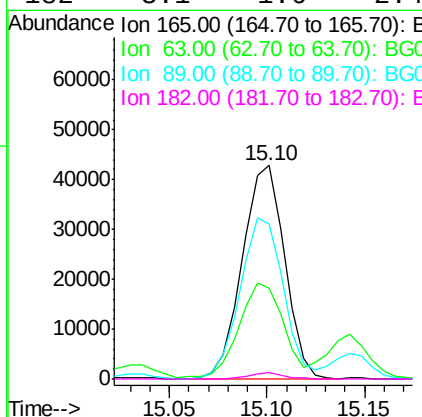
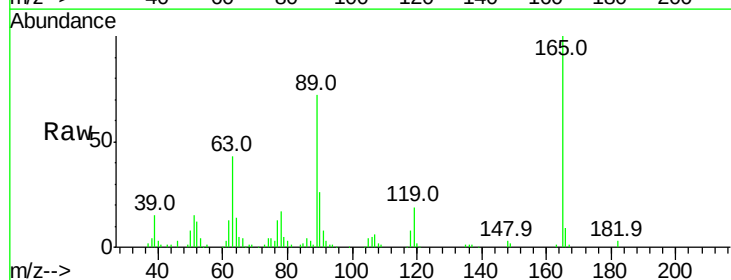
Instrument :
BNA_G
ClientSampleId :
PB87030BS

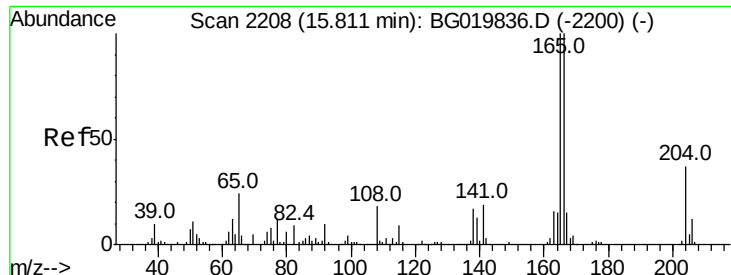
Tot Ion:139 Resp: 74249
Ion Ratio Lower Upper
139 100
109 93.7 43.2 83.2#
65 116.1 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 45.81 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:165 Resp: 64728
Ion Ratio Lower Upper
165 100
63 42.6 31.0 46.4
89 72.5 54.4 81.6
182 3.1 1.6 2.4#

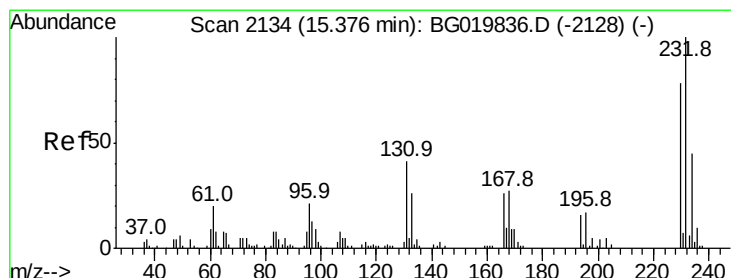
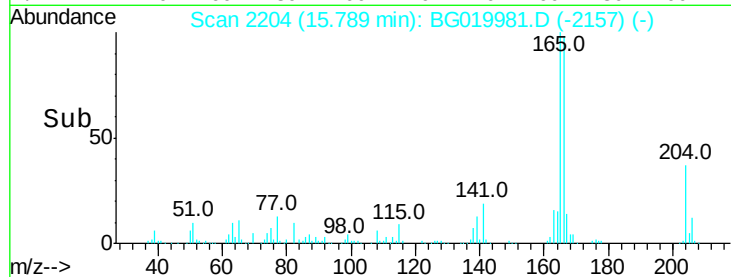
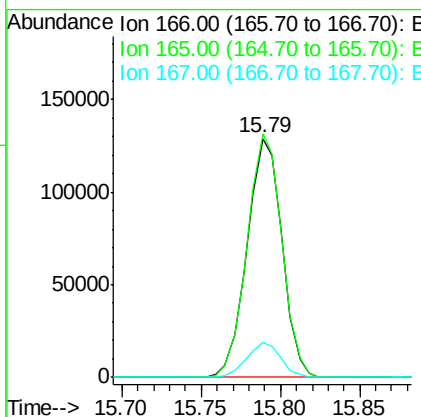
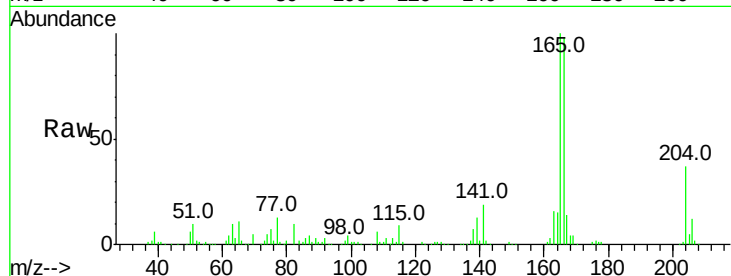




#57
Fluorene
 Concen: 37.83 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

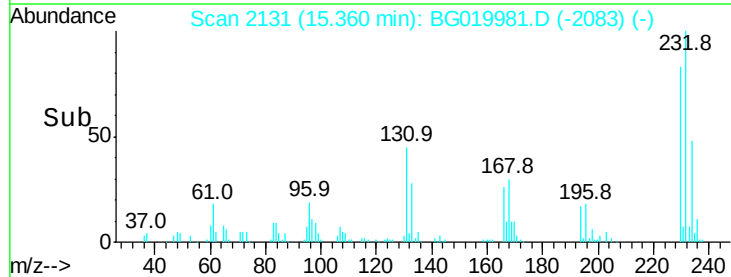
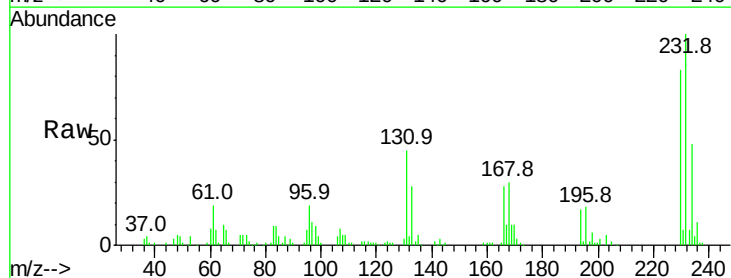
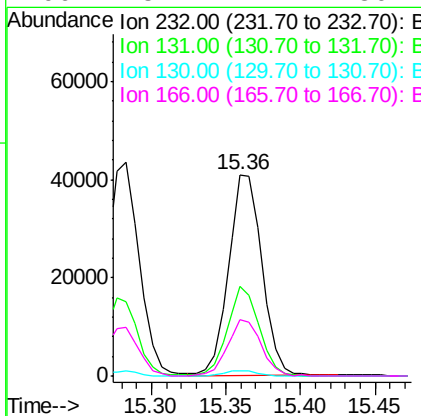
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

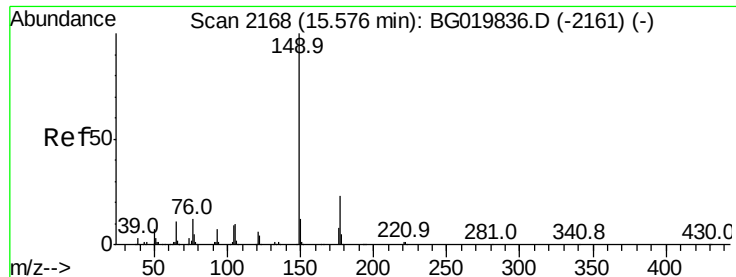
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.0	120.0
167	14.8	11.1	16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.29 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.0	49.6
130	2.5	2.0	3.0
166	28.1	24.1	36.1





#59

Diethylphthalate

Concen: 35.86 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

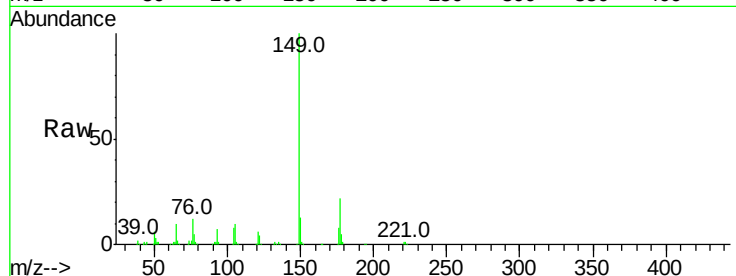
Tot Ion:149 Resp: 209055

Ion Ratio Lower Upper

149 100

177 22.4 19.6 29.4

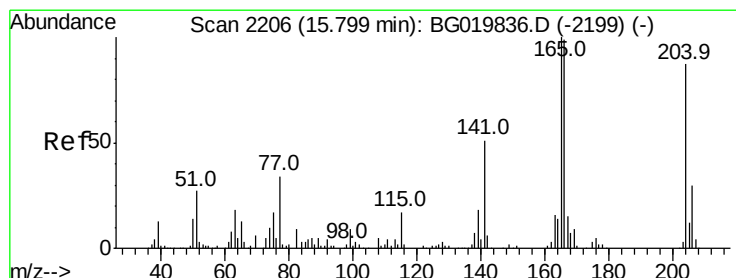
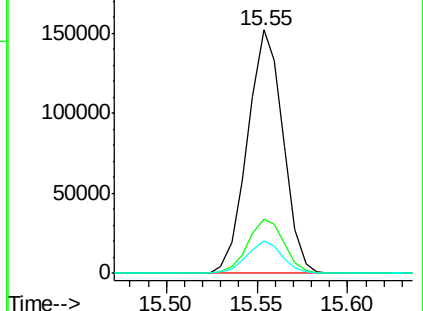
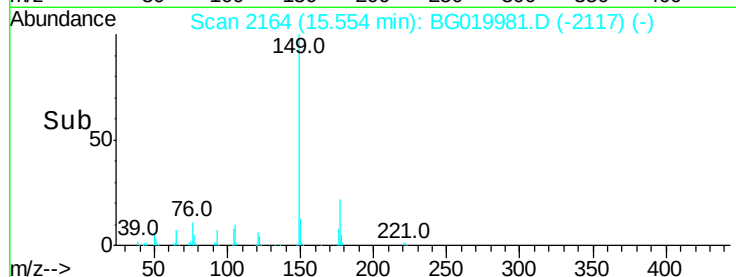
150 13.1 10.2 15.2



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: 36.29 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

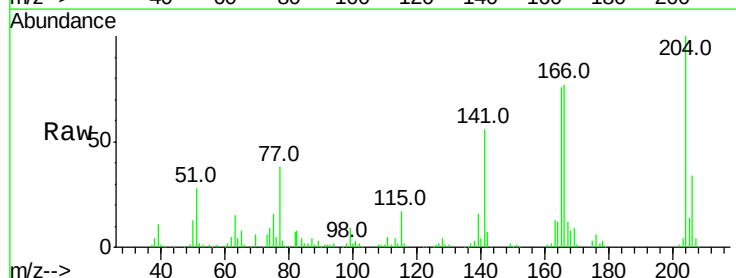
Tgt Ion:204 Resp: 108618

Ion Ratio Lower Upper

204 100

206 33.9 28.3 42.5

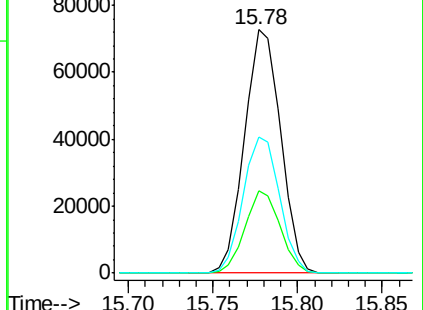
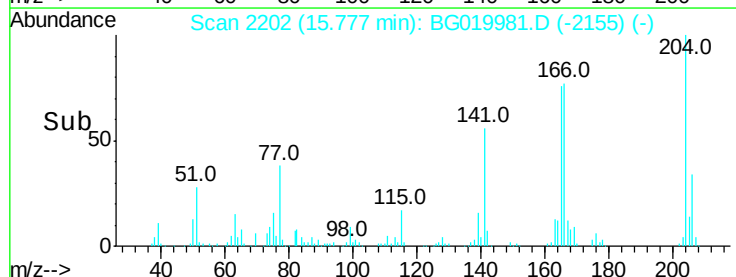
141 55.8 44.0 66.0

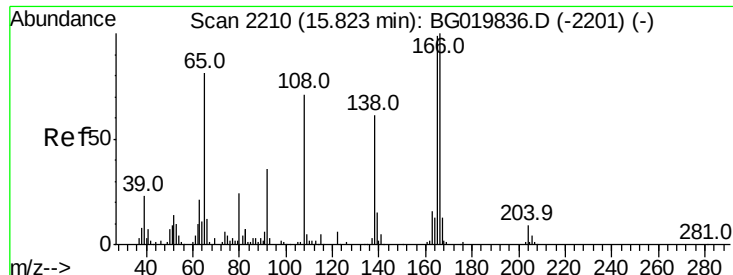


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

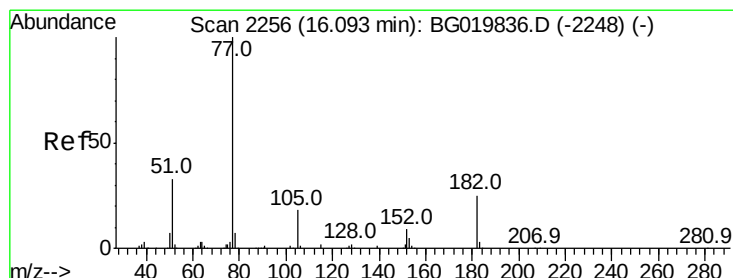
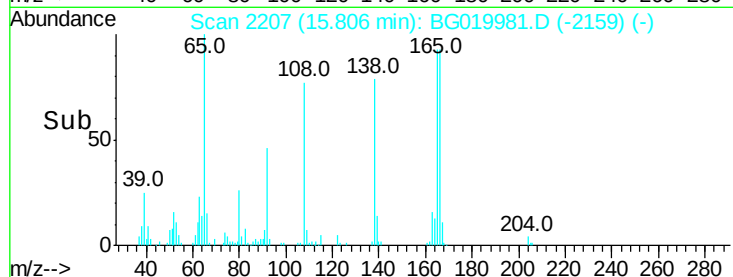
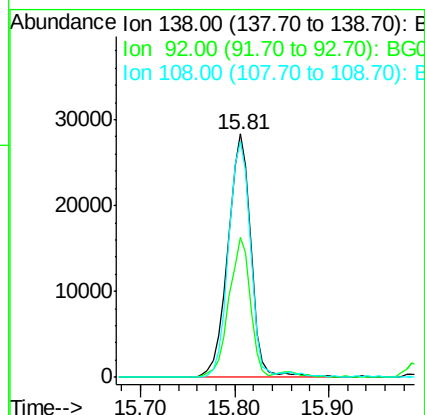
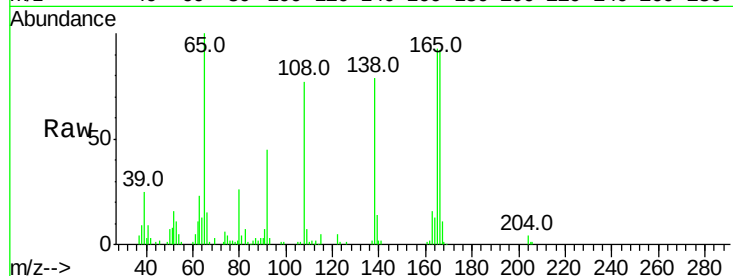




#61
4-Nitroaniline
Concen: 40.72 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

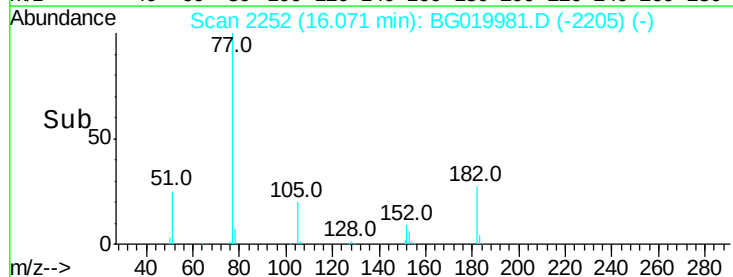
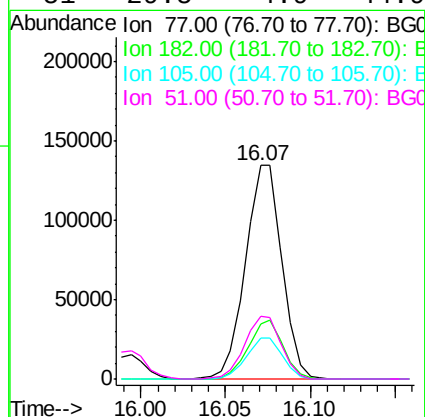
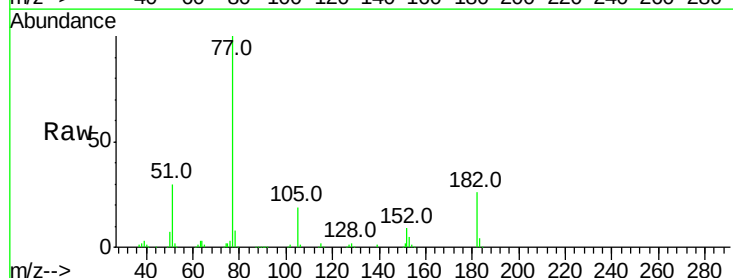
Instrument :
BNA_G
ClientSampleId :
PB87030BS

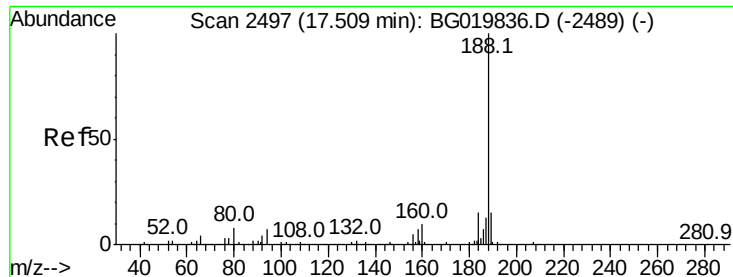
Tot Ion:138 Resp: 48181
Ion Ratio Lower Upper
138 100
92 57.6 29.1 69.1
108 97.1 49.8 89.8#



#62
Azobenzene
Concen: 41.63 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion: 77 Resp: 201909
Ion Ratio Lower Upper
77 100
182 25.8 7.0 47.0
105 19.0 1.4 41.4
51 29.5 4.9 44.9

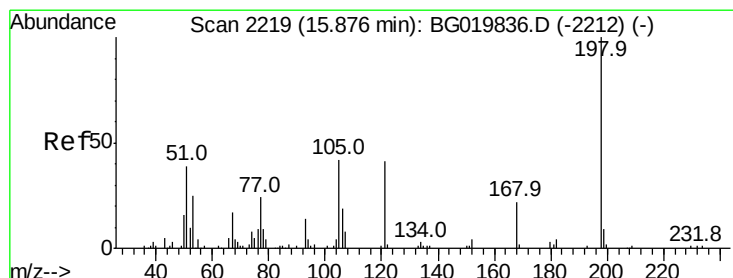
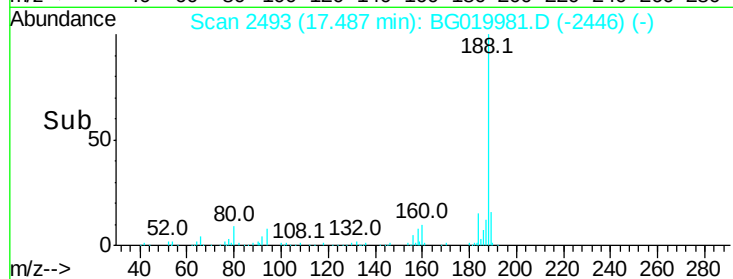
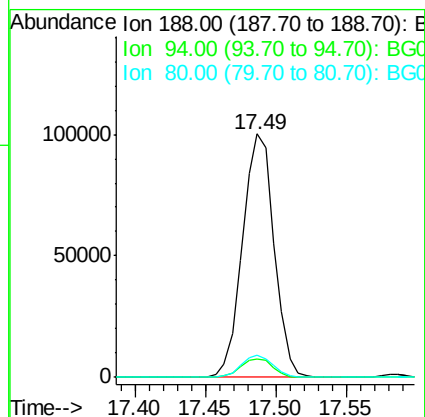
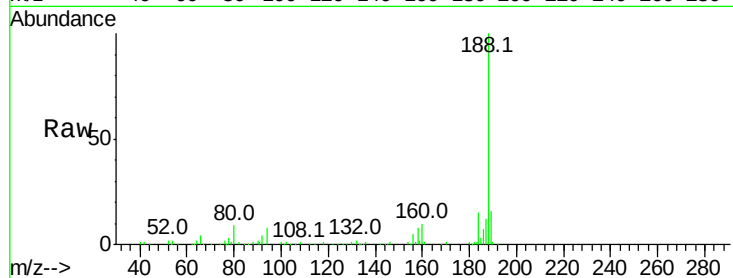




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

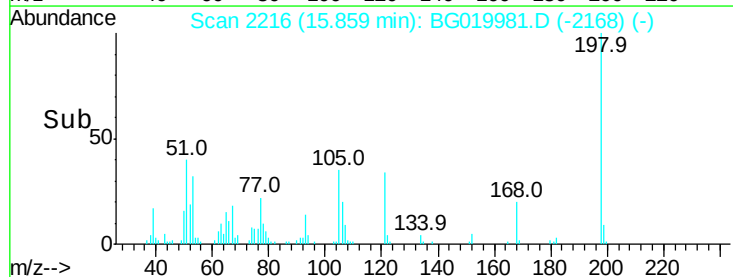
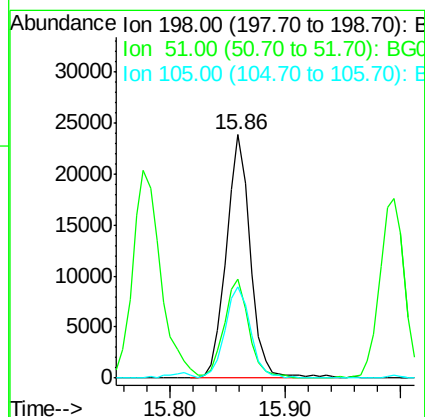
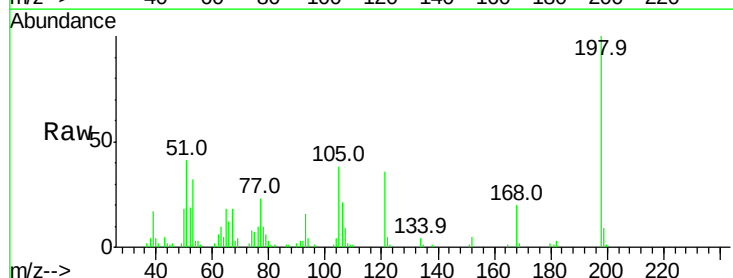
Instrument :
BNA_G
ClientSampleId :
PB87030BS

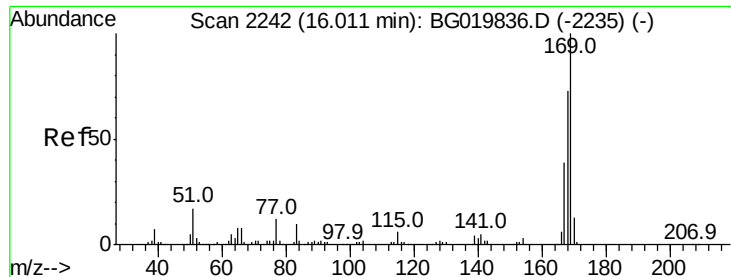
Tot Ion:188 Resp: 156660
Ion Ratio Lower Upper
188 100
94 7.6 7.7 11.5#
80 9.3 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.28 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:198 Resp: 34463
Ion Ratio Lower Upper
198 100
51 40.6 14.2 54.2
105 37.7 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 40.12 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

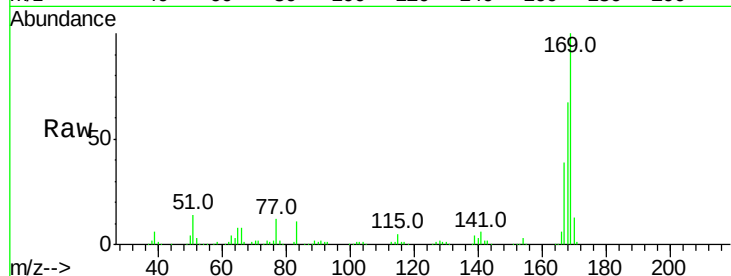
Tot Ion:169 Resp: 181877

Ion Ratio Lower Upper

169 100

168 67.4 58.2 87.2

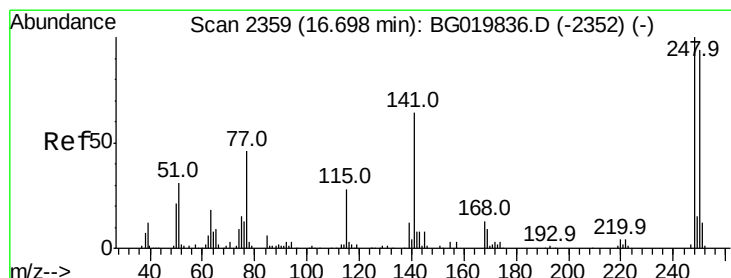
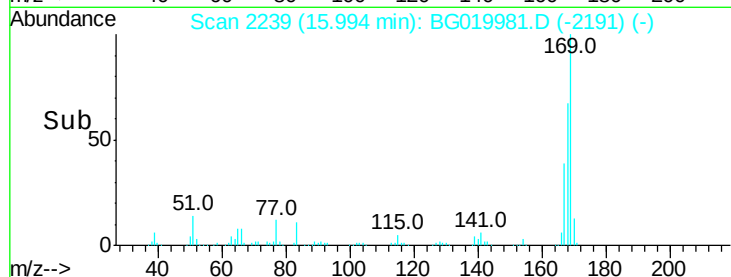
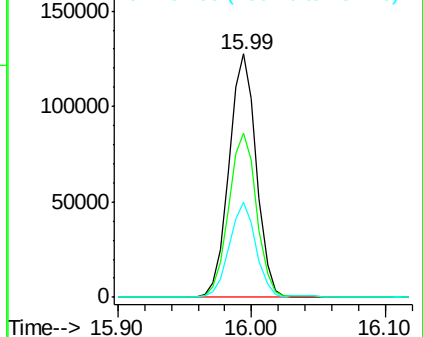
167 39.0 32.7 49.1



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: 37.66 ng

RT: 16.68 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

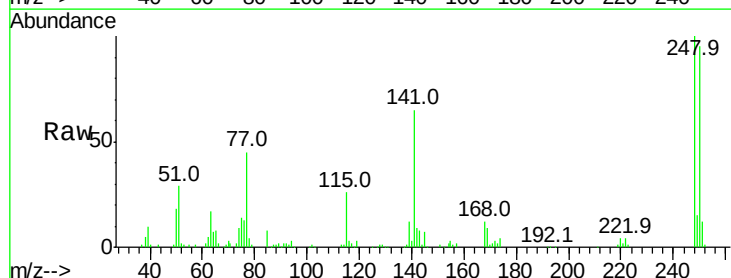
Tgt Ion:248 Resp: 73314

Ion Ratio Lower Upper

248 100

250 94.9 77.8 116.8

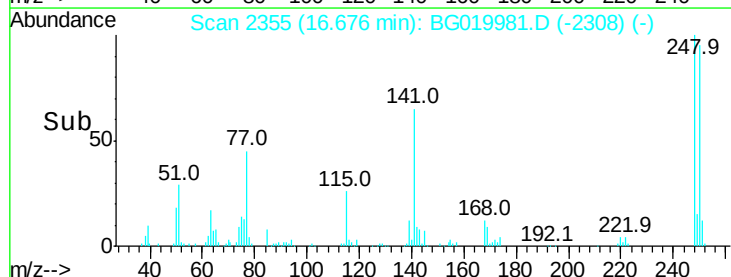
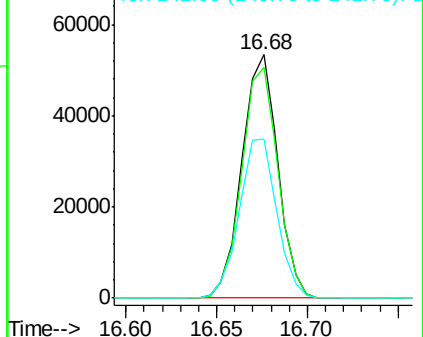
141 65.4 50.4 75.6

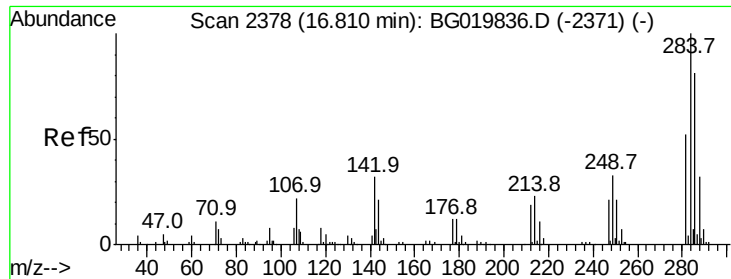


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

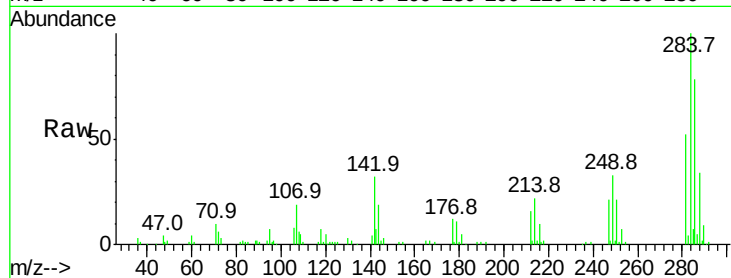




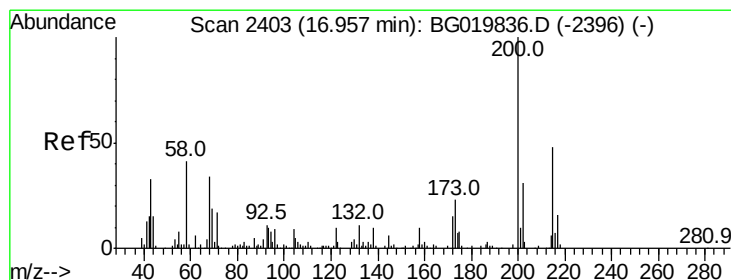
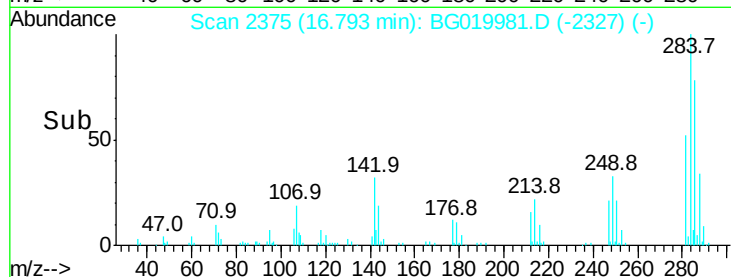
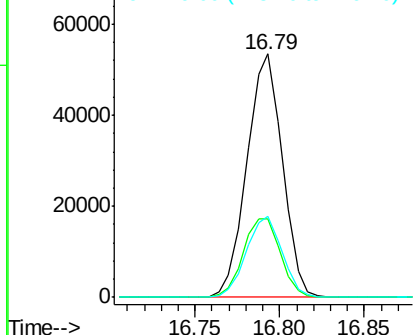
#67
Hexachlorobenzene
Concen: 38.58 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Instrument :
BNA_G
ClientSampleId :
PB87030BS

Tot Ion:284 Resp: 78225
Ion Ratio Lower Upper
284 100
142 32.0 26.6 39.8
249 33.3 26.2 39.2

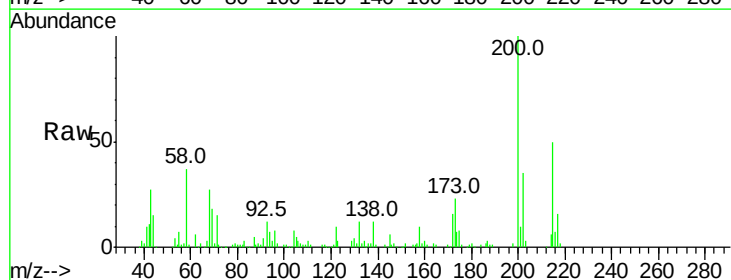


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

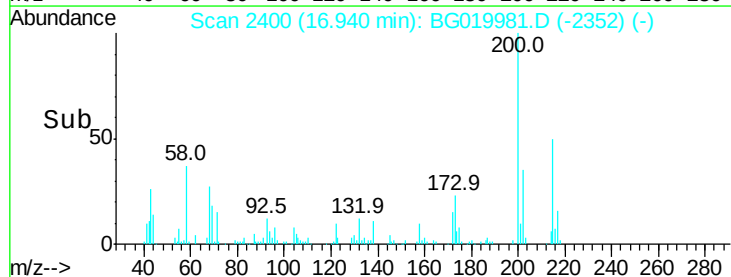
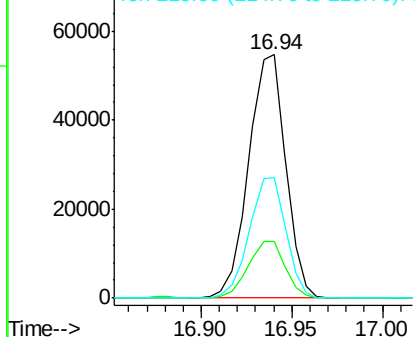


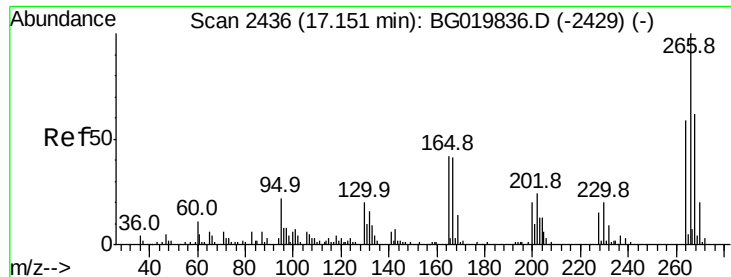
#68
Atrazine
Concen: 39.49 ng
RT: 16.94 min Scan# 2400
Delta R.T. -0.02 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:200 Resp: 77780
Ion Ratio Lower Upper
200 100
173 23.2 5.2 45.2
215 49.7 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

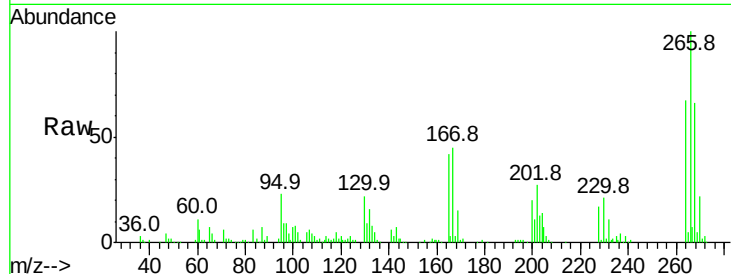




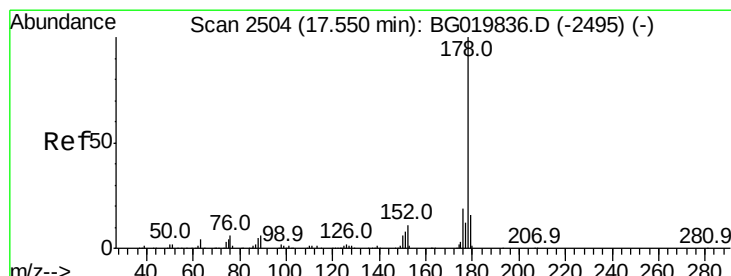
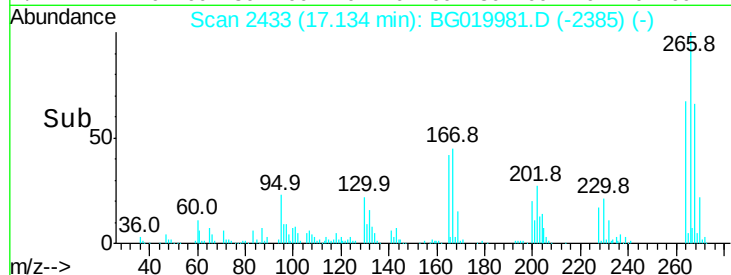
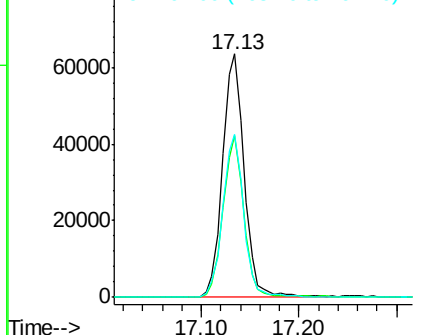
#69
 Pentachlorophenol
 Concen: 82.78 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

Tot Ion:266 Resp: 97971
 Ion Ratio Lower Upper
 266 100
 268 71.0 47.6 71.4
 264 66.7 48.1 72.1

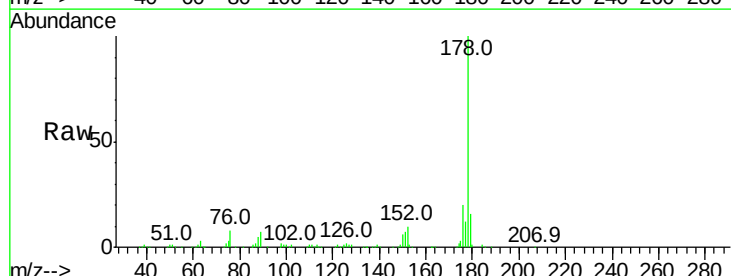


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

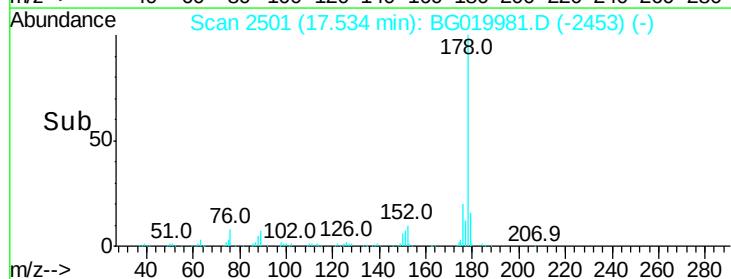
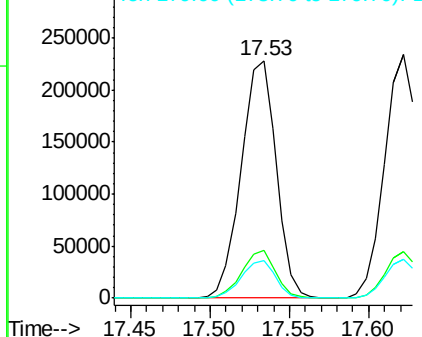


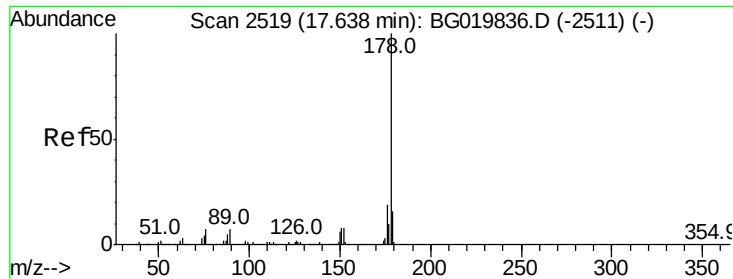
#70
 Phenanthrene
 Concen: 39.47 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion:178 Resp: 349813
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.7 25.1
 179 15.7 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: 38.90 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

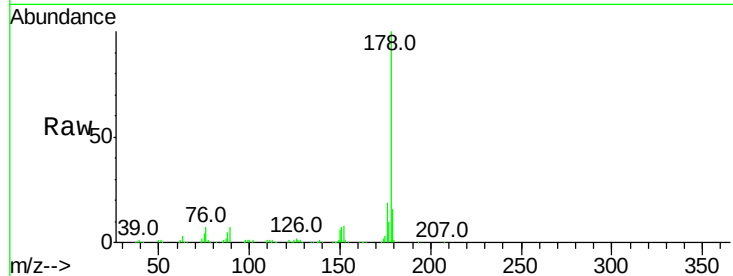
Tot Ion:178 Resp: 351171

Ion Ratio Lower Upper

178 100

176 19.3 16.8 25.2

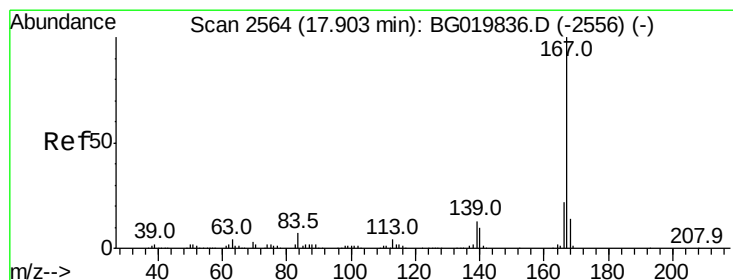
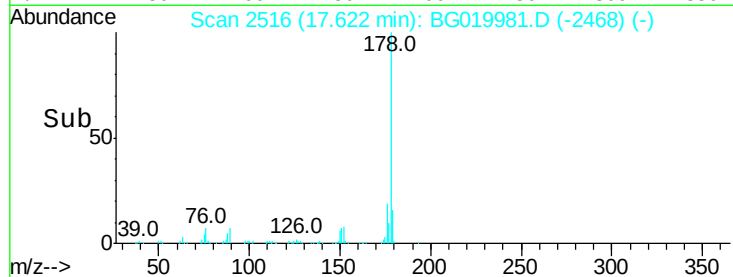
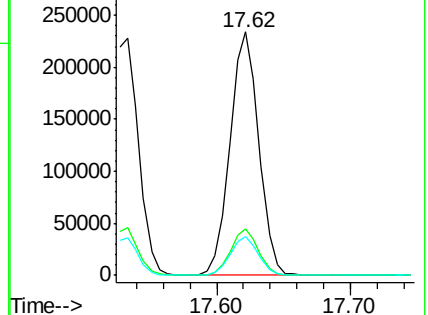
179 15.9 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.75 ng

RT: 17.89 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

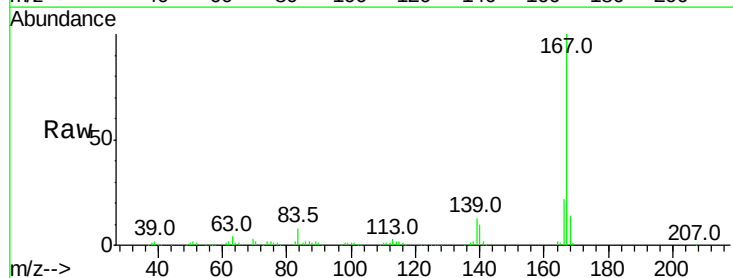
Tgt Ion:167 Resp: 308162

Ion Ratio Lower Upper

167 100

166 22.0 19.0 28.6

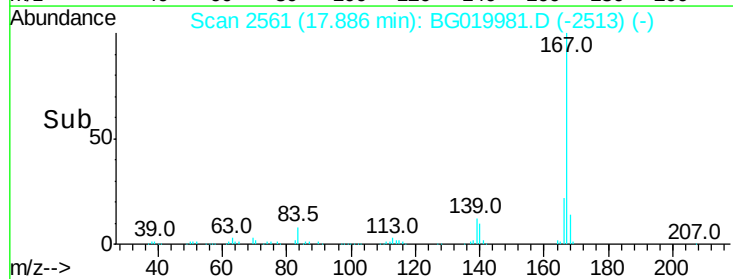
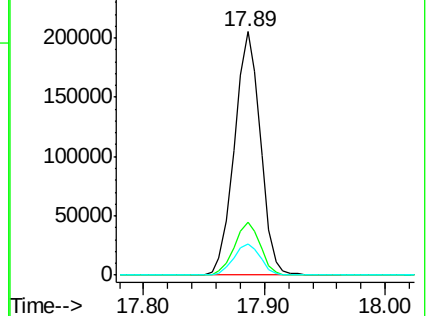
139 12.7 10.2 15.4

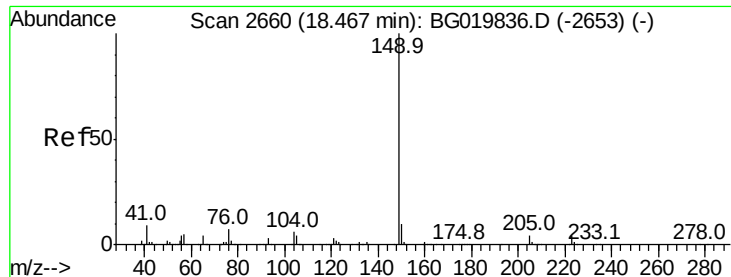


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.52 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.03 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

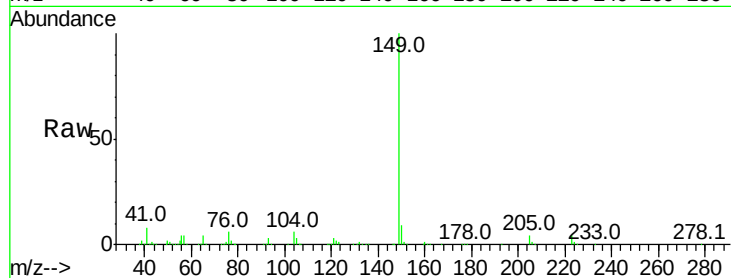
Tot Ion:149 Resp: 375520

Ion Ratio Lower Upper

149 100

150 9.4 8.2 12.4

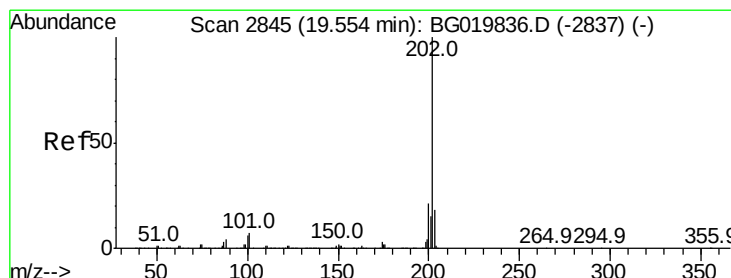
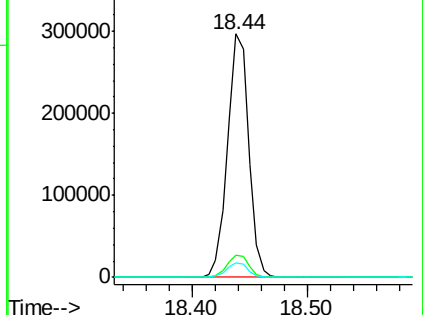
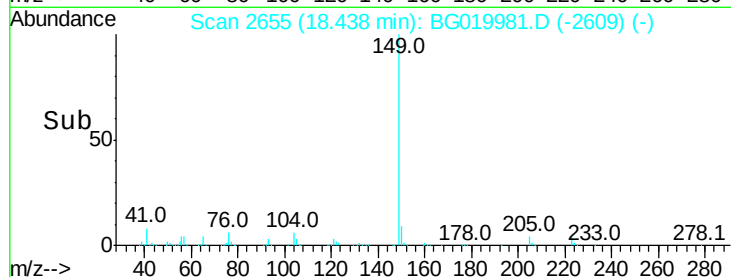
104 6.0 4.4 6.6



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: 38.63 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

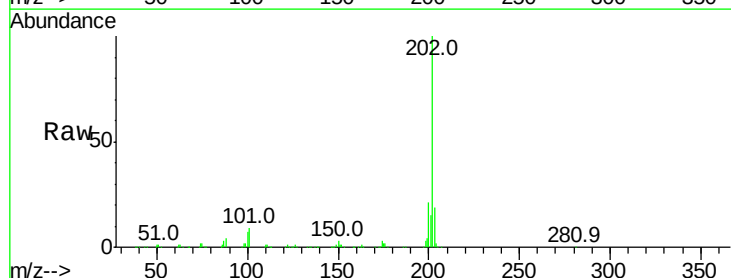
Tgt Ion:202 Resp: 437910

Ion Ratio Lower Upper

202 100

101 8.7 0.0 32.4

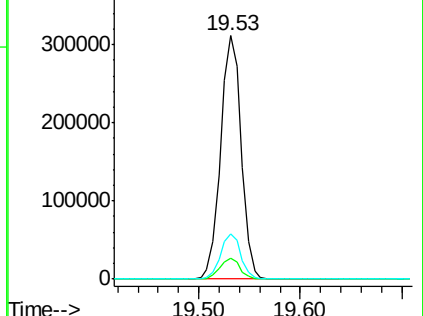
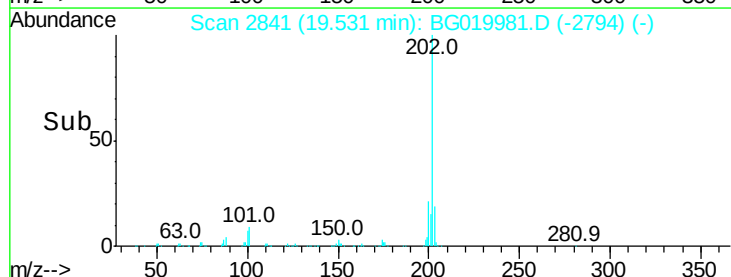
203 18.6 0.0 39.5

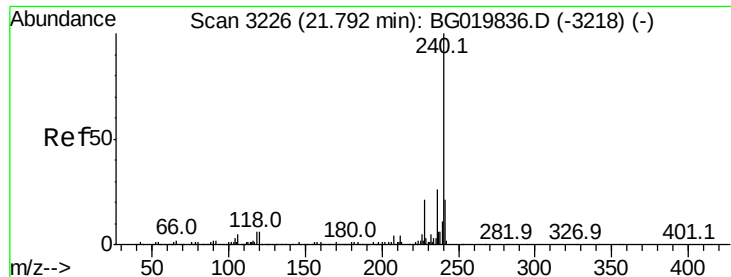


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

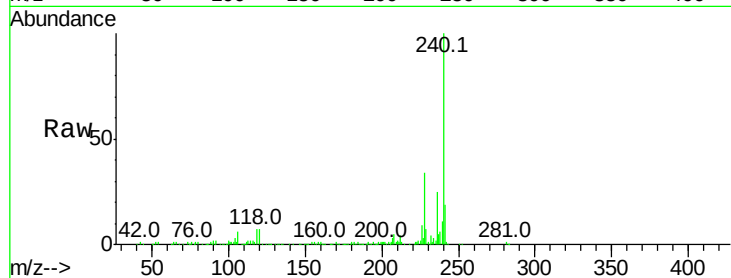
Tot Ion:240 Resp: 190739

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

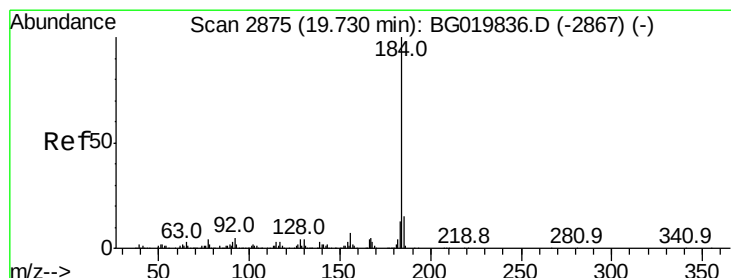
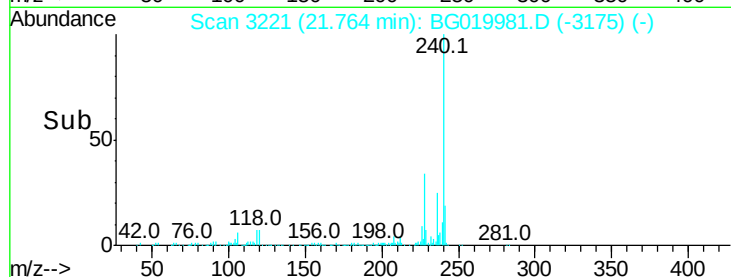
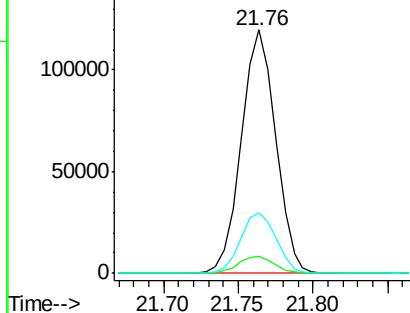
236 25.0 20.7 31.1



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: 16.57 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

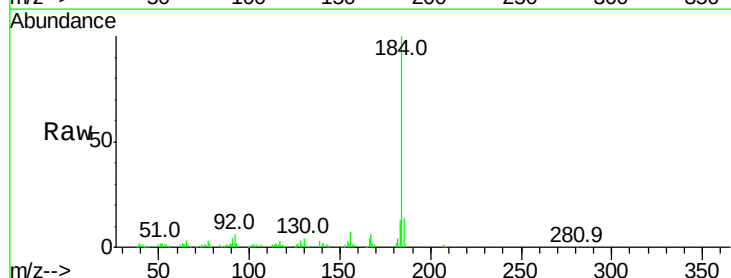
Tgt Ion:184 Resp: 103816

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

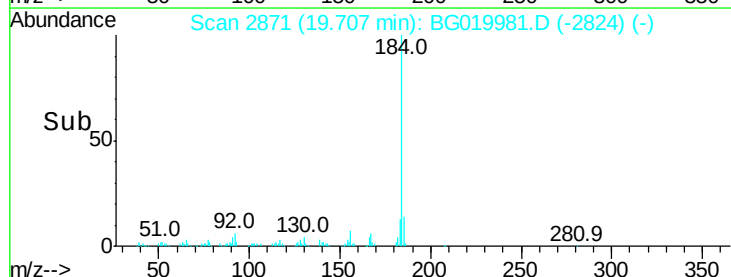
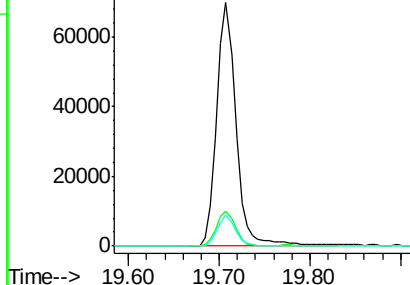
183 12.6 10.1 15.1

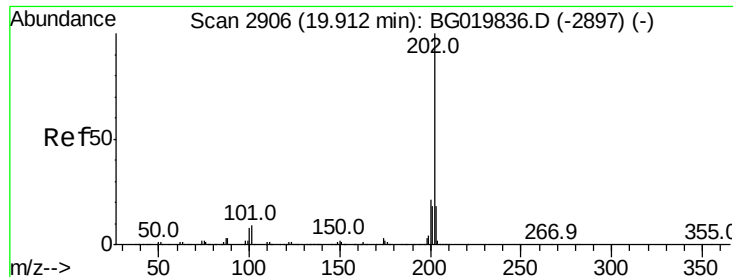


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.69 ng

RT: 19.90 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

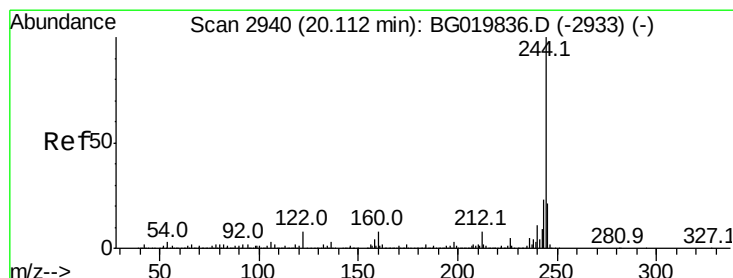
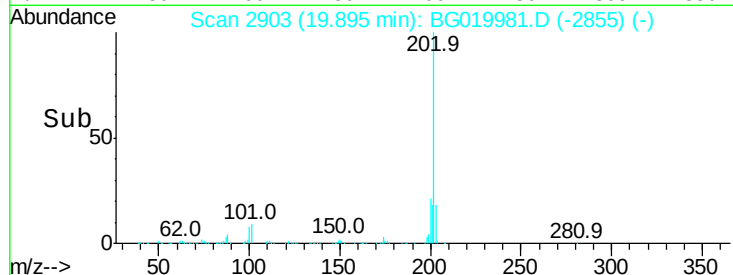
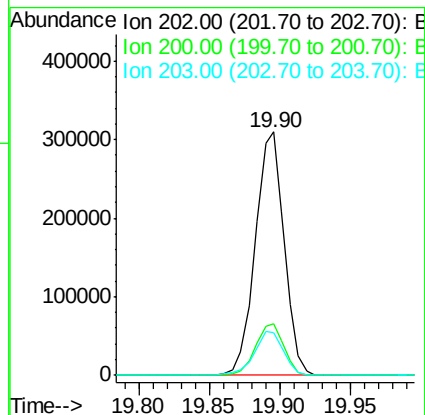
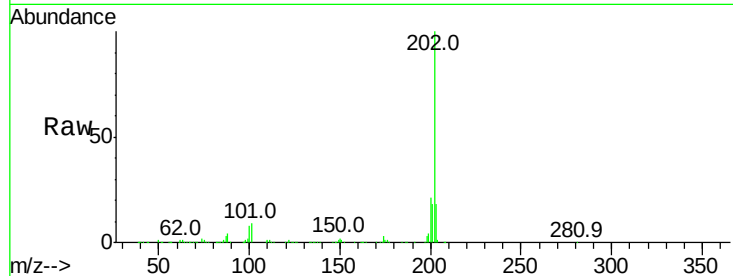
Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion:	202	Resp:	445414
Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.4	29.0
203	17.6	15.5	23.3



#78

Terphenyl-d14

Concen: 77.15 ng

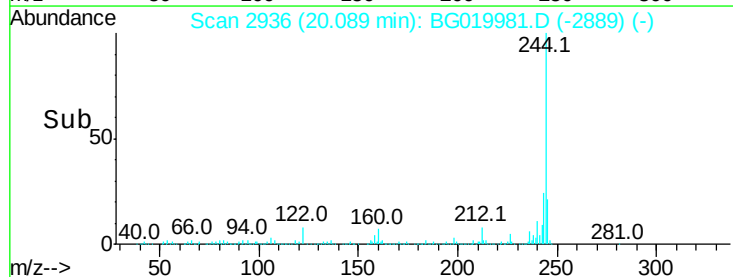
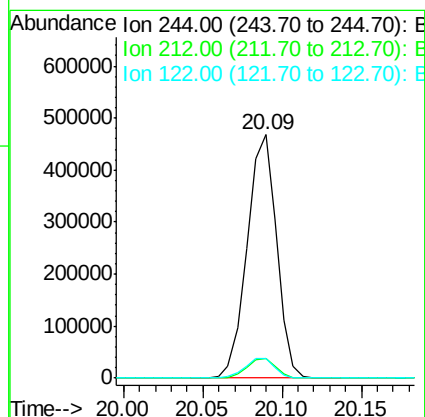
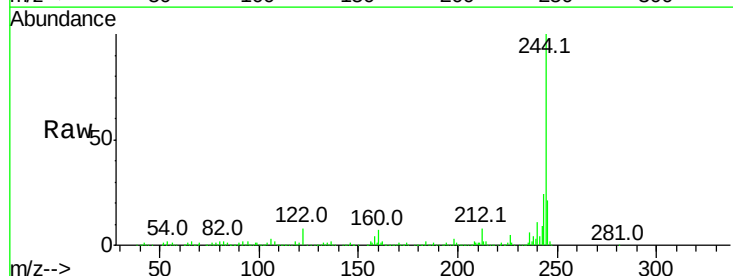
RT: 20.09 min Scan# 2936

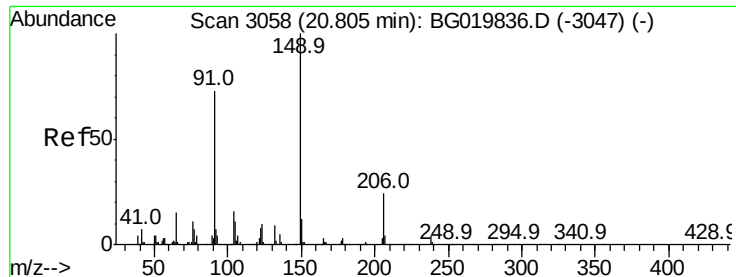
Delta R.T. -0.02 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Tgt Ion:	244	Resp:	603338
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.9	10.2	15.2#

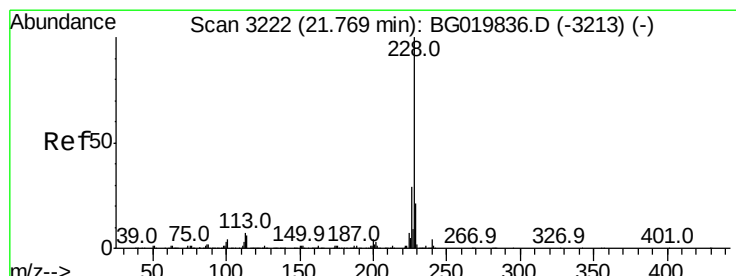
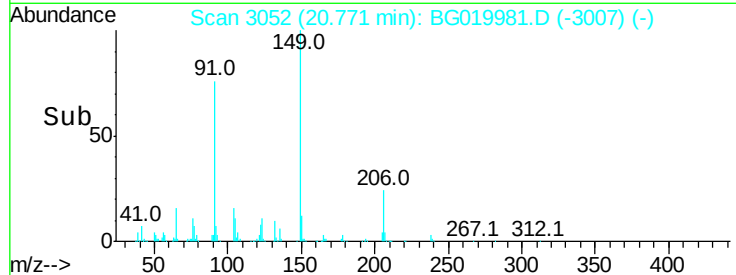
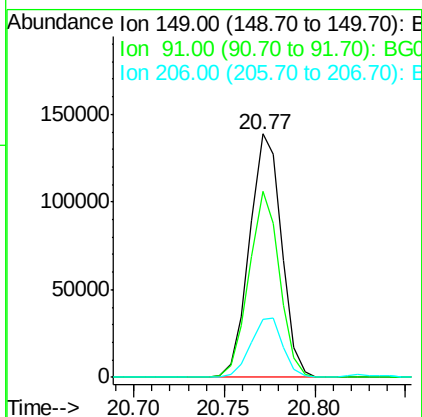
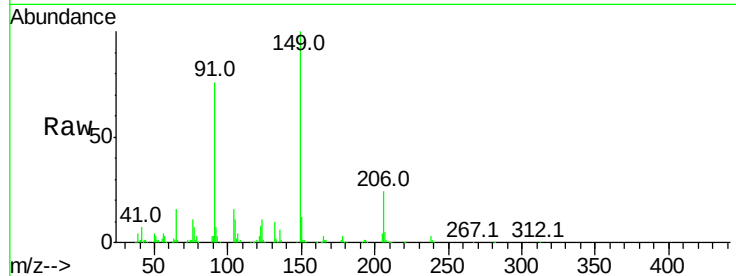




#79
Butylbenzylphthalate
Concen: 39.01 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

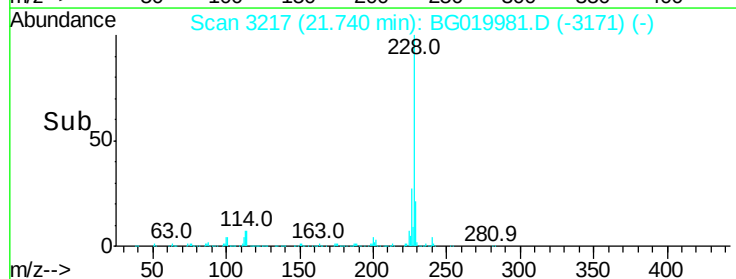
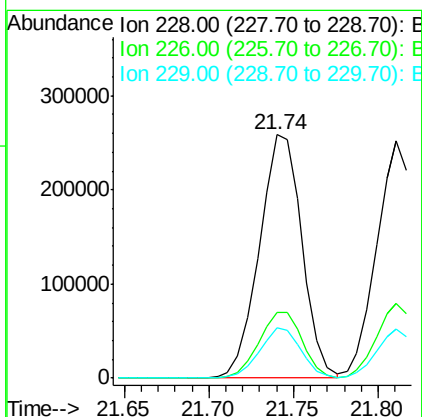
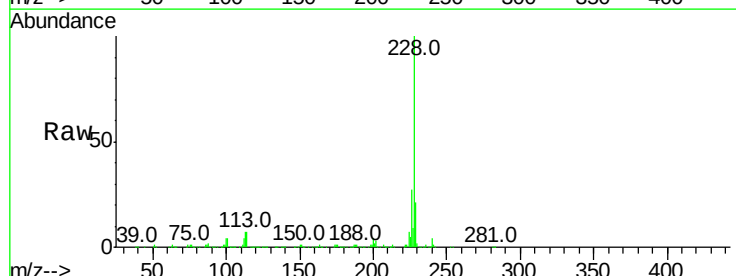
Instrument :
BNA_G
ClientSampleId :
PB87030BS

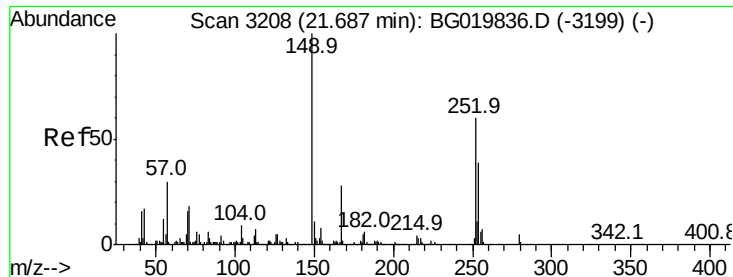
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	58.1	87.1
206	23.9	17.8	26.8



#80
Benzo(a)anthracene
Concen: 38.67 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.4	35.0
229	20.6	16.6	25.0

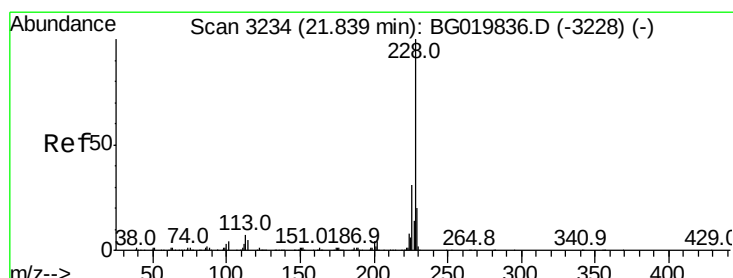
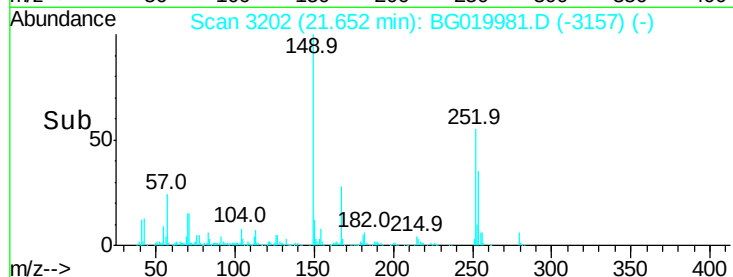
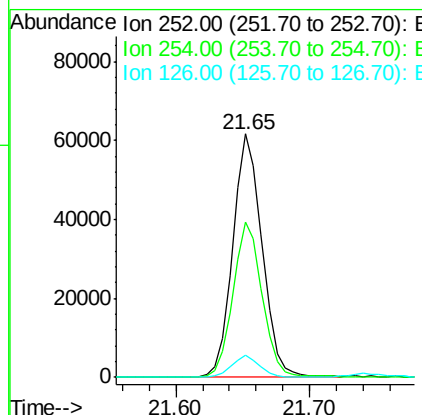
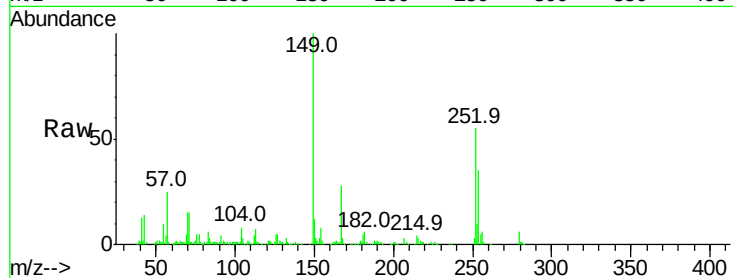




#81
 3,3'-Dichlorobenzidine
 Concen: 21.23 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.03 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

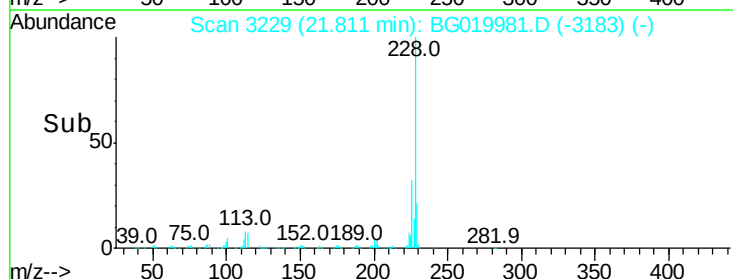
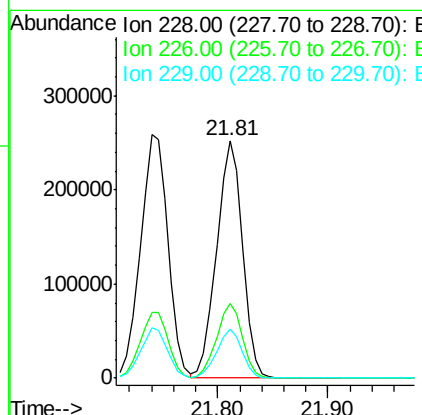
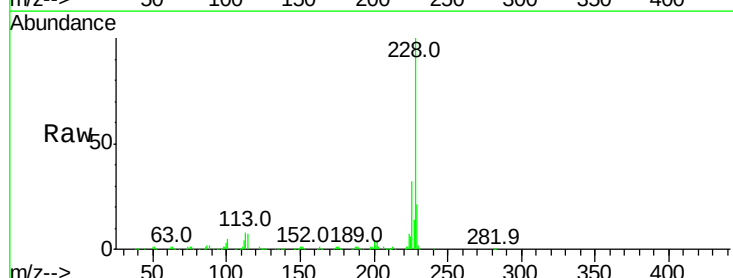
Instrument :
 BNA_G
 ClientSampleId :
 PB87030BS

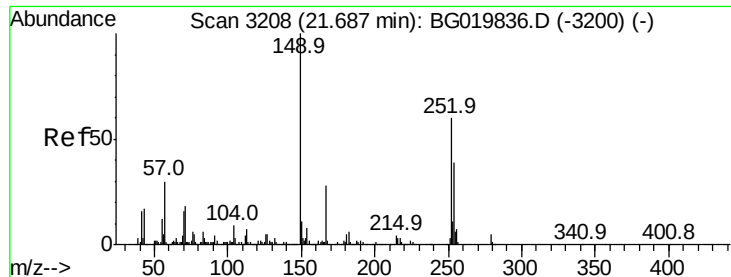
Tot Ion:252 Resp: 94389
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.5 78.7
 126 8.9 8.5 12.7



#82
 Chrysene
 Concen: 36.74 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019981.D
 Acq: 7 Dec 2015 15:02

Tgt Ion:228 Resp: 407288
 Ion Ratio Lower Upper
 228 100
 226 31.6 26.7 40.1
 229 20.6 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.01 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.05 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

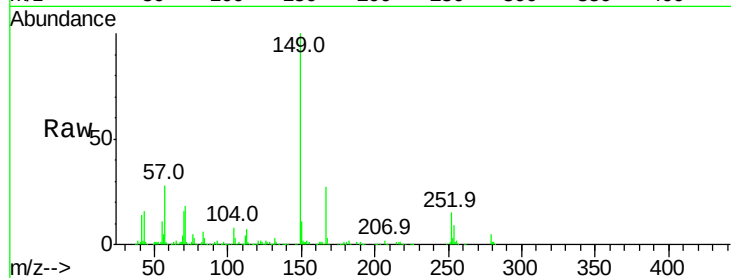
BNA_G

ClientSampleId :

PB87030BS

Tot Ion:149 Resp: 251777

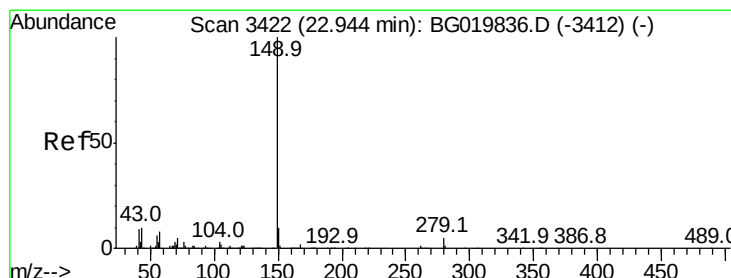
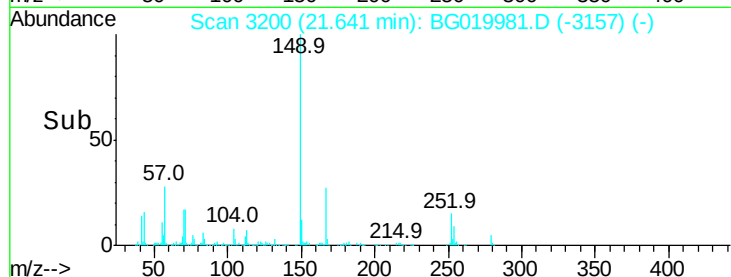
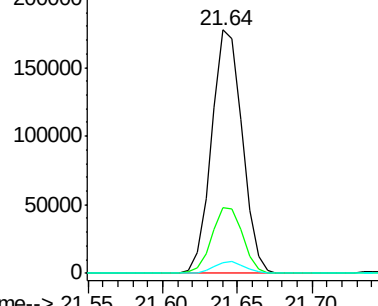
Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.8	35.8
279	4.6	3.4	5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.99 ng

RT: 22.88 min Scan# 3411

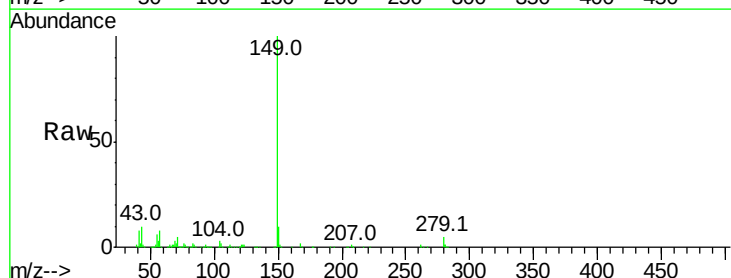
Delta R.T. -0.06 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Tgt Ion:149 Resp: 430121

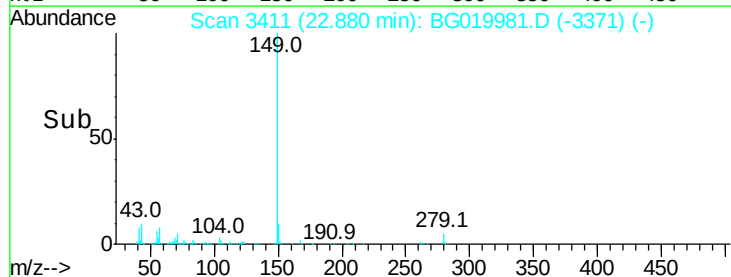
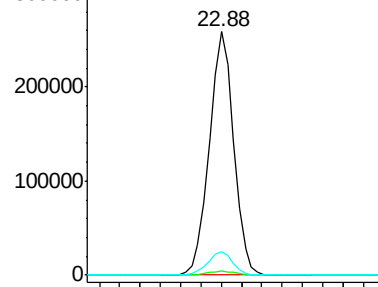
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	5.9	8.9#

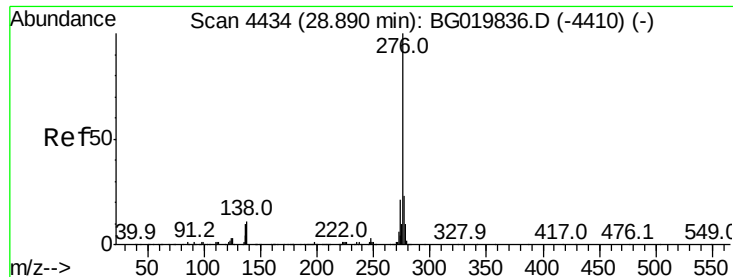


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.63 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.09 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

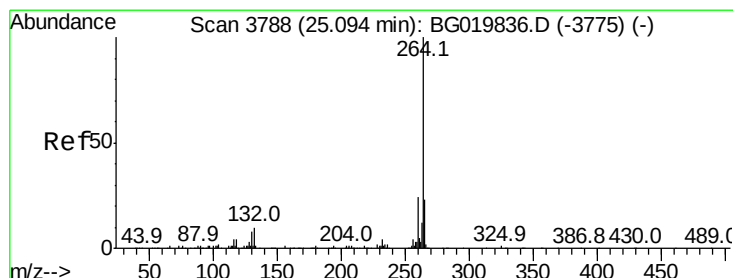
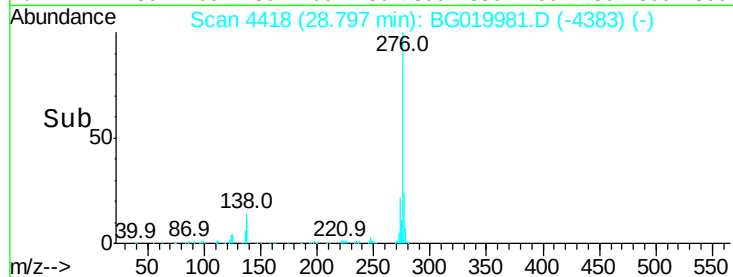
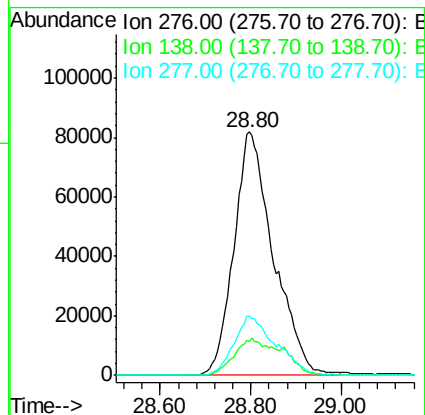
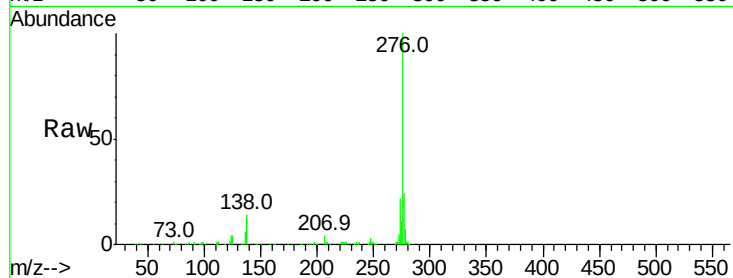
Tot Ion:276 Resp: 496143

Ion Ratio Lower Upper

276 100

138 14.2 0.0 0.0#

277 25.6 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: BG019981.D

Acq: 7 Dec 2015 15:02

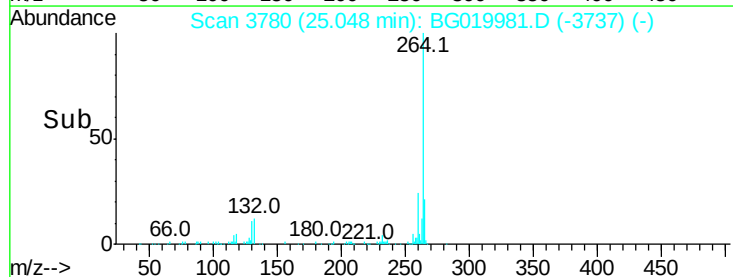
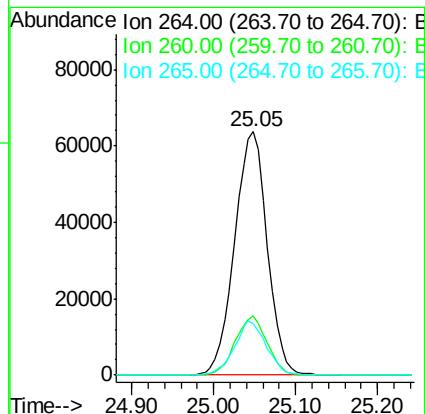
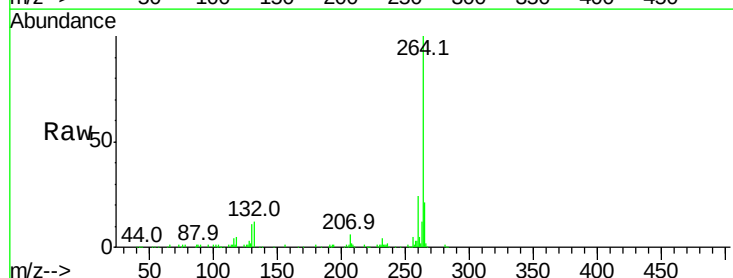
Tgt Ion:264 Resp: 176472

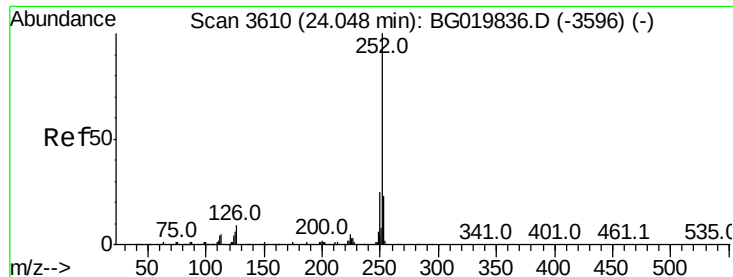
Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 21.2 17.2 25.8

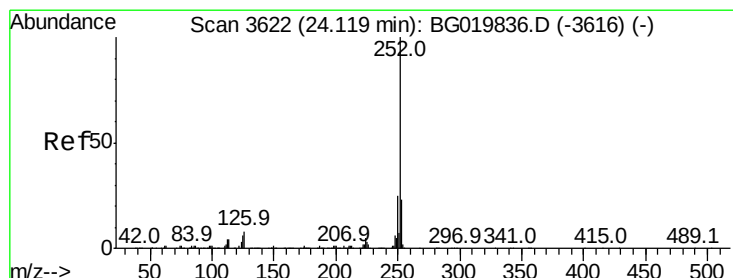
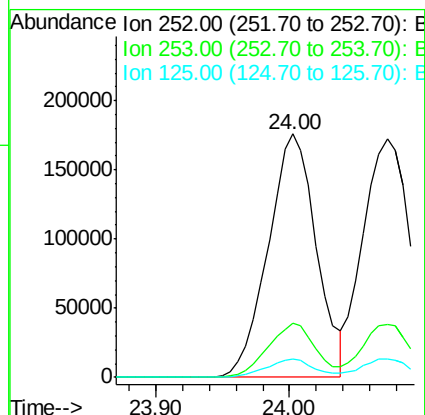
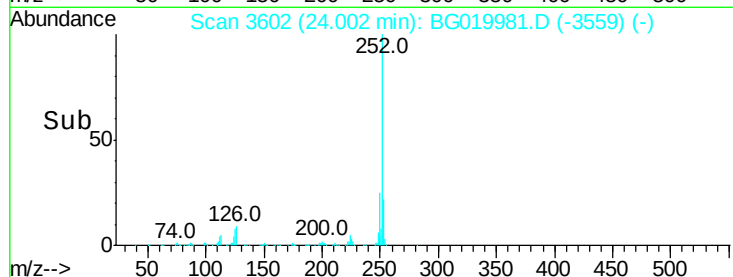
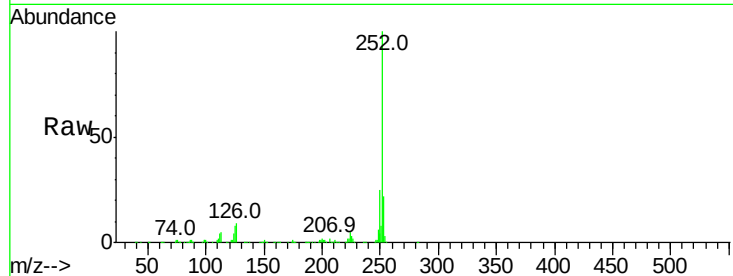




#87
Benzo(b)fluoranthene
Concen: 39.48 ng
RT: 24.00 min Scan# 3602
Delta R.T. -0.05 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

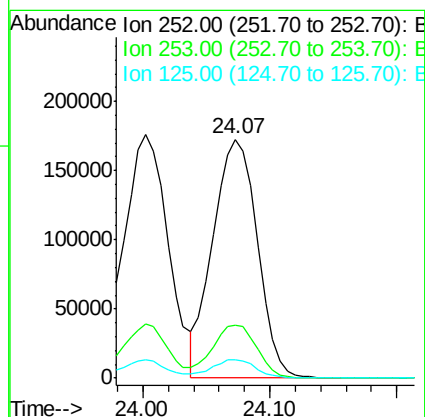
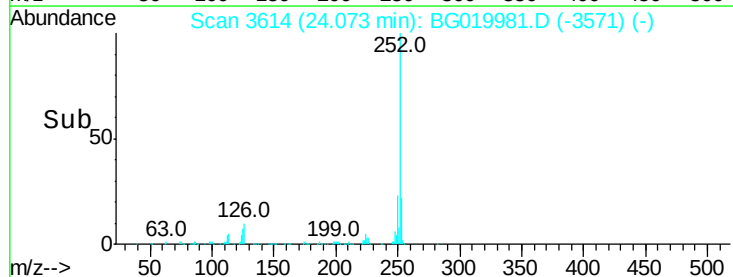
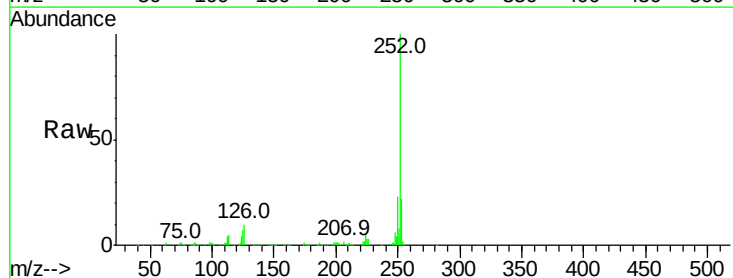
Instrument :
BNA_G
ClientSampleId :
PB87030BS

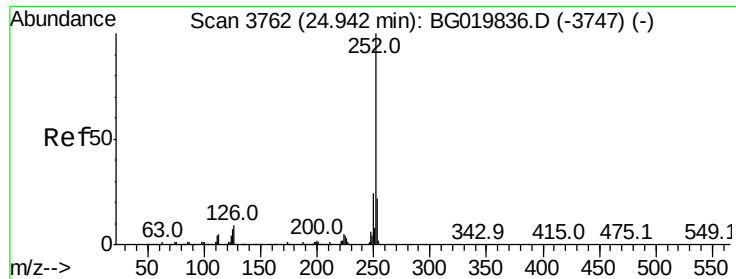
Tot Ion:252 Resp: 441527
Ion Ratio Lower Upper
252 100
253 22.0 19.1 28.7
125 7.5 8.9 13.3#



#88
Benzo(k)fluoranthene
Concen: 37.86 ng
RT: 24.07 min Scan# 3614
Delta R.T. -0.05 min
Lab File: BG019981.D
Acq: 7 Dec 2015 15:02

Tgt Ion:252 Resp: 419346
Ion Ratio Lower Upper
252 100
253 22.1 19.0 28.4
125 7.4 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 39.71 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.05 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

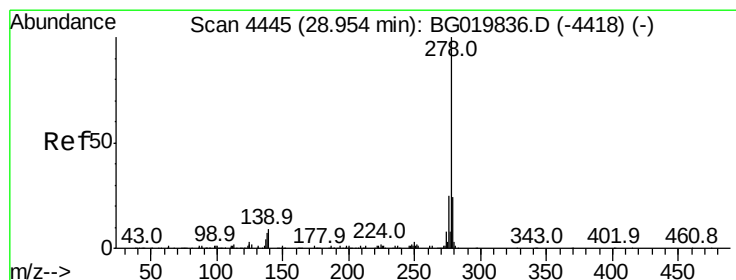
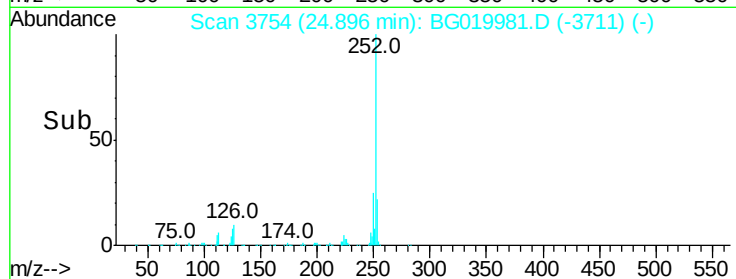
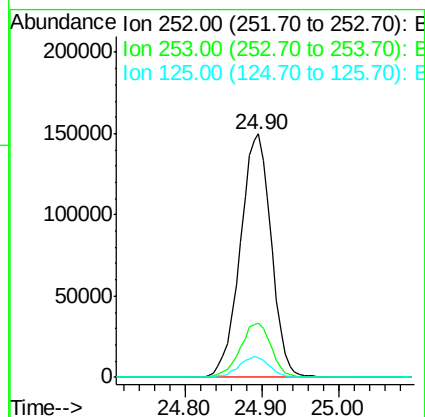
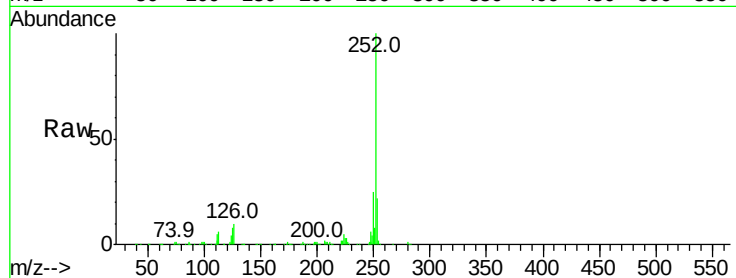
Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion:	252	Resp:	421691
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	7.9	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 39.50 ng

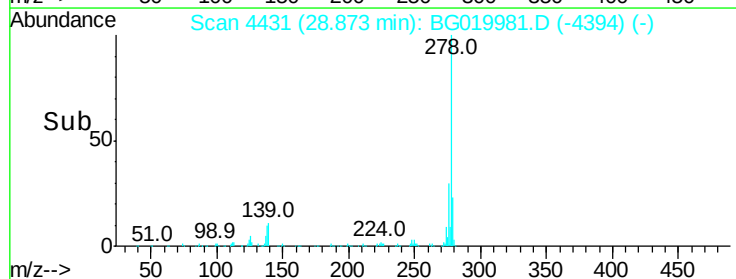
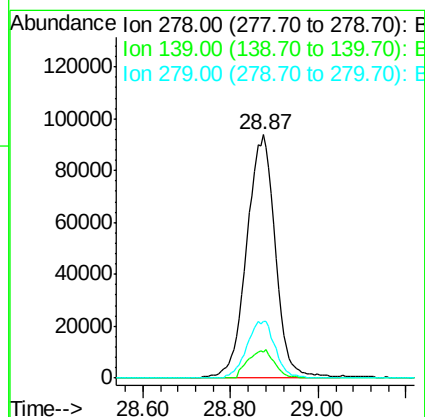
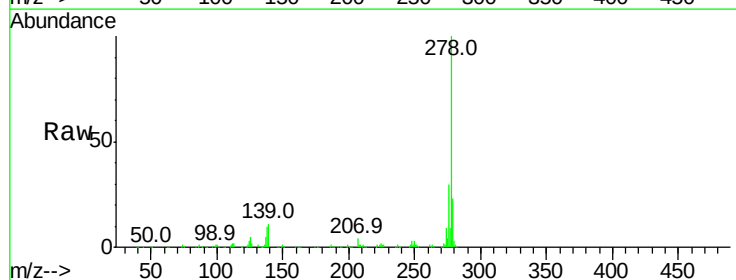
RT: 28.87 min Scan# 4431

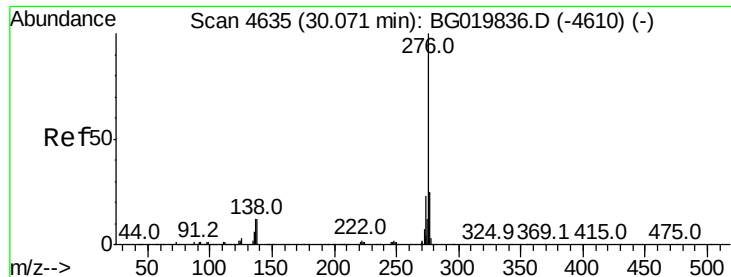
Delta R.T. -0.08 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Tgt Ion:	278	Resp:	414371
Ion	Ratio	Lower	Upper
278	100		
139	10.9	13.8	20.6#
279	23.4	19.4	29.0





#91

Benzo(a,h,i)perylene

Concen: 39.52 ng

RT: 29.99 min Scan# 4621

Delta R.T. -0.08 min

Lab File: BG019981.D

Acq: 7 Dec 2015 15:02

Instrument :

BNA_G

ClientSampleId :

PB87030BS

Tot Ion:276 Resp: 407145

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 15.4 17.4 26.0#

