

Data File : BG030974.D
Acq On : 13 Nov 2017 15:46
Operator : SJ/JU
Sample : PB104186BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Quant Time: Nov 14 04:50:09 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	52908	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	224447	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	157748	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	409181	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	485648	20.00	ng	-0.02
86) Perylene-d12	25.07	264	493777	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	281781	91.33	ng	0.00
7) Phenol-d6	7.31	99	364530	87.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	213247	56.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	242315	94.96	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	653141	59.49	ng	-0.02
78) Terphenyl-d14	20.09	244	1261973	57.38	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	29285	23.39	ng	# 82
3) Pyridine	3.96	79	82621	22.73	ng	90
4) n-Nitrosodimethylamine	3.87	42	42299	24.55	ng	# 93
6) Aniline	7.46	93	76596	14.00	ng	97
8) 2-Chlorophenol	7.71	128	95348	28.00	ng	86
9) Benzaldehyde	7.27	77	43849	15.07	ng	91
10) Phenol	7.33	94	123759	28.67	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	81821	23.74	ng	88
12) 1,3-Dichlorobenzene	8.03	146	103241	25.84	ng	96
13) 1,4-Dichlorobenzene	8.18	146	106099	26.21	ng	96
14) 1,2-Dichlorobenzene	8.50	146	100557	25.88	ng	97
15) Benzyl Alcohol	8.38	79	82832	24.84	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	121959	32.03	ng	93
17) 2-Methylphenol	8.59	107	82709	27.51	ng	96
18) Hexachloroethane	9.23	117	36366	25.81	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	68174	21.57	ng	# 93
20) 3+4-Methylphenols	8.92	107	114340	26.75	ng	95
22) Acetophenone	8.97	105	138068	24.71	ng	# 93
24) Nitrobenzene	9.35	77	102424	26.47	ng	89
25) Isophorone	9.87	82	192950	26.12	ng	# 91
26) 2-Nitrophenol	10.06	139	54337	26.94	ng	# 87
27) 2,4-Dimethylphenol	10.12	122	95122	31.77	ng	95
28) bis(2-Chloroethoxy)methane	10.35	93	119089	25.60	ng	95
29) 2,4-Dichlorophenol	10.61	162	112004	31.15	ng	91
30) 1,2,4-Trichlorobenzene	10.82	180	120839	28.15	ng	95
31) Naphthalene	11.01	128	289198	26.21	ng	98
32) Benzoic acid	10.26	122	47598	22.50	ng	# 75
33) 4-Chloroaniline	11.12	127	53263	11.03	ng	98
34) Hexachlorobutadiene	11.29	225	84177	28.28	ng	97
35) Caprolactam	11.88	113	36753	25.02	ng	# 74
36) 4-Chloro-3-methylphenol	12.23	107	111549	28.51	ng	89
37) 2-Methylnaphthalene	12.60	142	229485	26.94	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	157961	25.23	ng	96
40) Hexachlorocyclopentadiene	12.94	237	130701	59.58	ng	90

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Response via : Initial Calibration

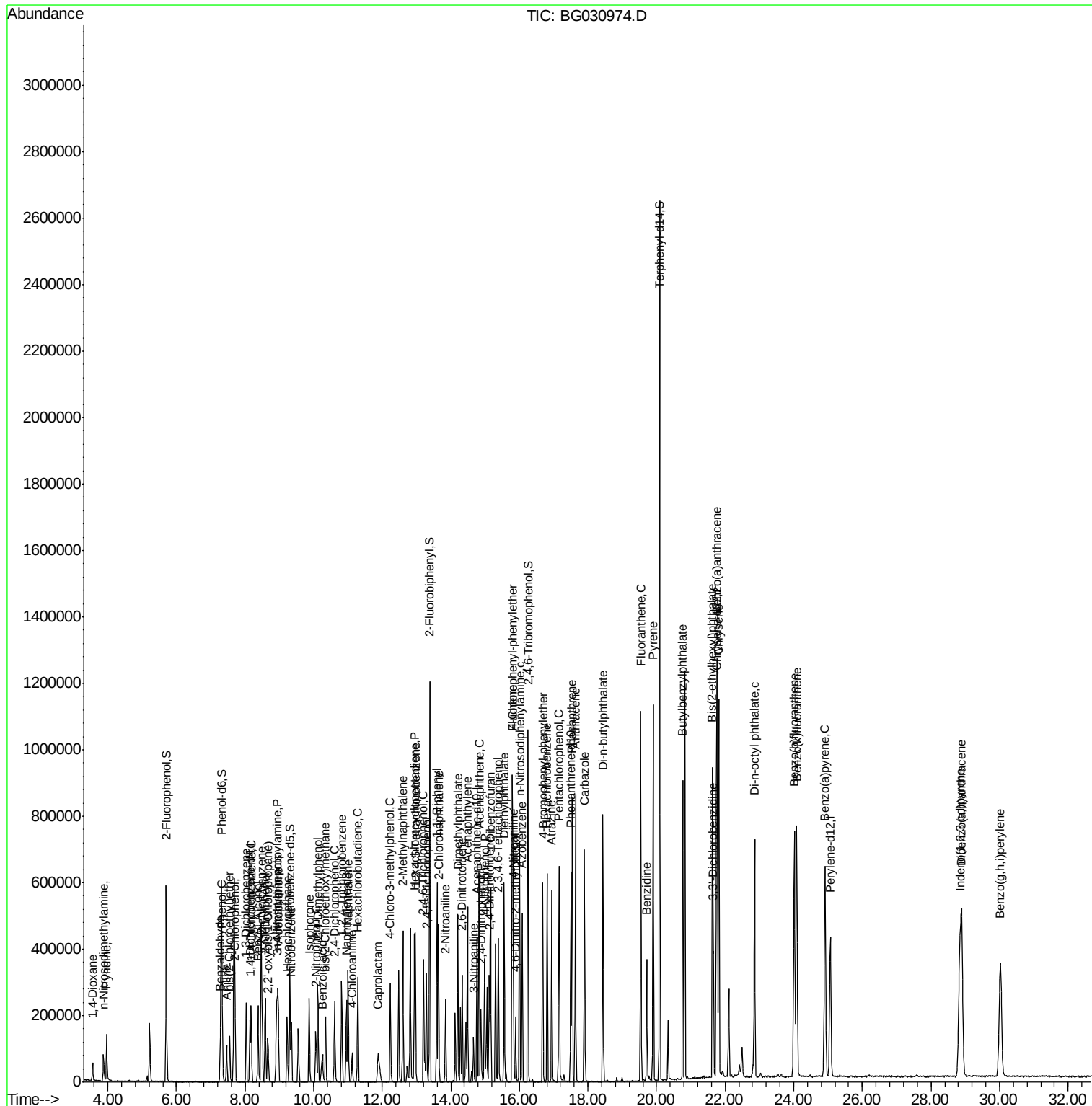
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	106557	29.77	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	115008	29.37	ng #	92
45) 1,1'-Biphenyl	13.60	154	323817	24.75	ng	98
46) 2-Chloronaphthalene	13.64	162	261520	27.71	ng	95
47) 2-Nitroaniline	13.84	65	71841	25.68	ng #	82
48) Acenaphthylene	14.48	152	401546	25.99	ng	98
49) Dimethylphthalate	14.21	163	359317	26.34	ng	99
50) 2,6-Dinitrotoluene	14.33	165	78686	27.99	ng #	78
51) Acenaphthene	14.82	154	245669	25.46	ng	97
52) 3-Nitroaniline	14.67	138	40057	13.42	ng #	74
53) 2,4-Dinitrophenol	14.88	184	69221	47.34	ng #	47
54) Dibenzofuran	15.16	168	419507	27.30	ng	99
55) 4-Nitrophenol	14.98	139	111636	52.50	ng #	87
56) 2,4-Dinitrotoluene	15.12	165	113724	27.98	ng #	72
57) Fluorene	15.81	166	332666	26.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	116793	31.29	ng #	85
59) Diethylphthalate	15.56	149	352866	25.47	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	207730	27.57	ng	91
61) 4-Nitroaniline	15.82	138	77625	24.56	ng	89
62) Azobenzene	16.08	77	275849	26.11	ng	94
64) 4,6-Dinitro-2-methylphenol	15.89	198	60352	22.19	ng #	77
65) n-Nitrosodiphenylamine	16.01	169	310294	25.03	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	148670	28.69	ng	93
67) Hexachlorobenzene	16.81	284	155709	28.28	ng #	92
68) Atrazine	16.94	200	133634	26.12	ng	96
69) Pentachlorophenol	17.16	266	154638	50.80	ng	98
70) Phenanthrene	17.54	178	580425	27.24	ng	99
71) Anthracene	17.63	178	588144	27.55	ng	99
72) Carbazole	17.90	167	523662	26.18	ng	99
73) Di-n-butylphthalate	18.44	149	606906	24.71	ng	99
74) Fluoranthene	19.54	202	769993	28.54	ng	97
76) Benzidine	19.71	184	248803	15.95	ng	98
77) Pyrene	19.90	202	788538	27.36	ng	99
79) Butylbenzylphthalate	20.76	149	283358	24.66	ng #	84
80) Benzo(a)anthracene	21.75	228	815494	27.03	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	165125	13.56	ng #	96
82) Chrysene	21.82	228	761409	27.29	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	396015	23.88	ng #	98
84) Di-n-octyl phthalate	22.86	149	666890	24.70	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	922876	27.20	ng #	94
87) Benzo(b)fluoranthene	24.01	252	808064	27.05	ng #	98
88) Benzo(k)fluoranthene	24.08	252	794551	26.84	ng #	97
89) Benzo(a)pyrene	24.91	252	783126	27.60	ng #	95
90) Dibenzo(a,h)anthracene	28.90	278	773788	26.68	ng #	96
91) Benzo(g,h,i)perylene	30.02	276	772929	27.46	ng #	95

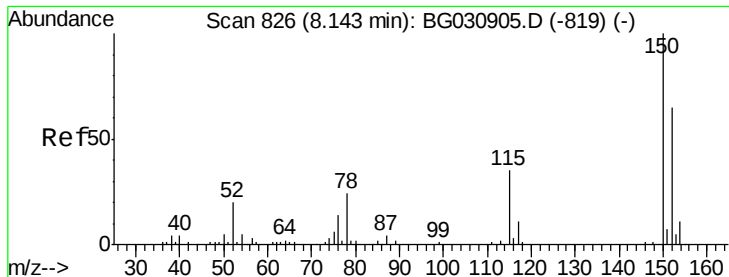
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

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ClientSampleId :

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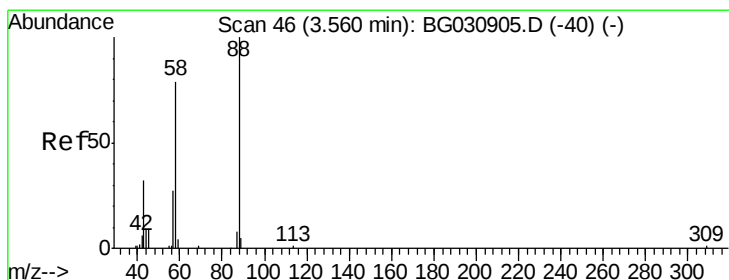
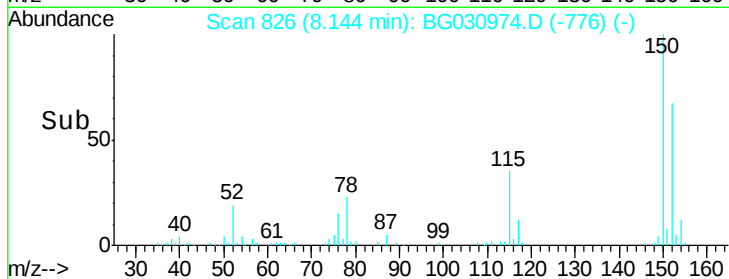
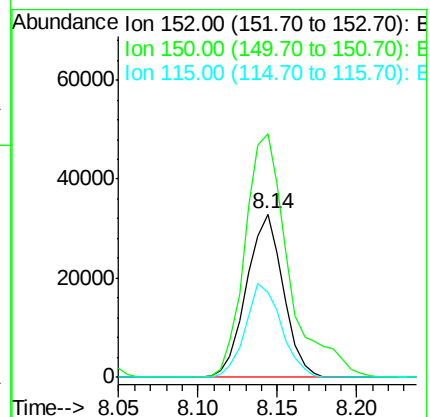
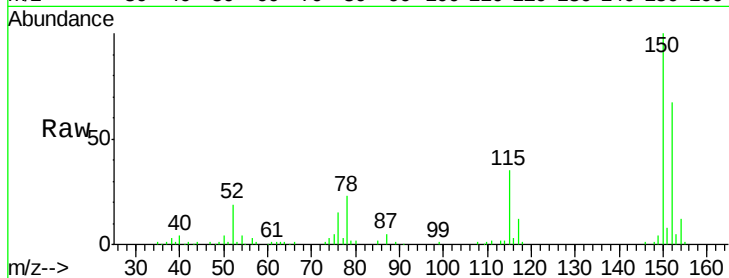
Tgt Ion:152 Resp: 52908

Ion Ratio Lower Upper

152 100

150 149.3 126.6 189.8

115 51.8 53.0 79.4#



#2

1,4-Dioxane

Concen: 23.39 ng

RT: 3.55 min Scan# 45

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

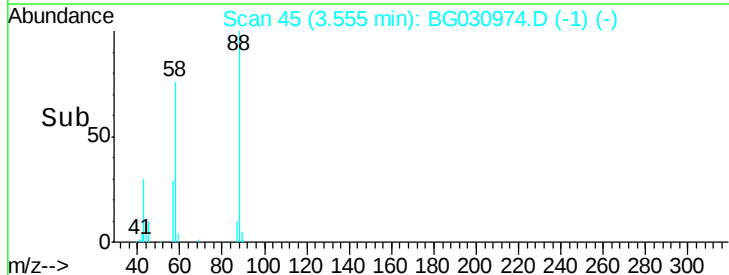
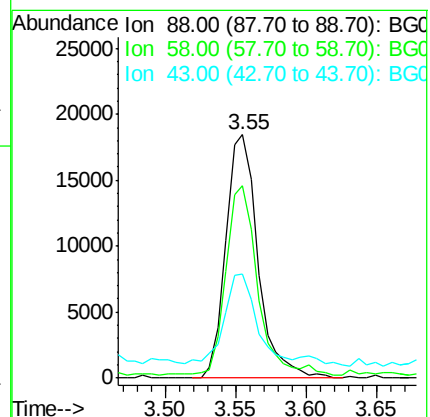
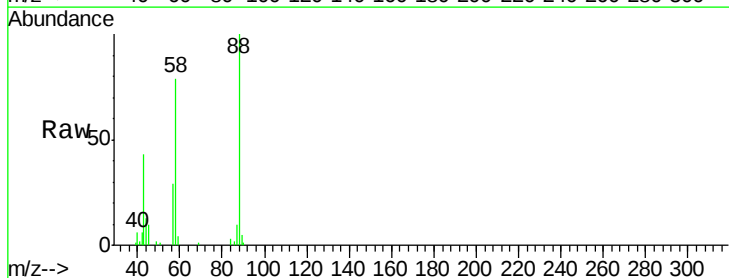
Tgt Ion: 88 Resp: 29285

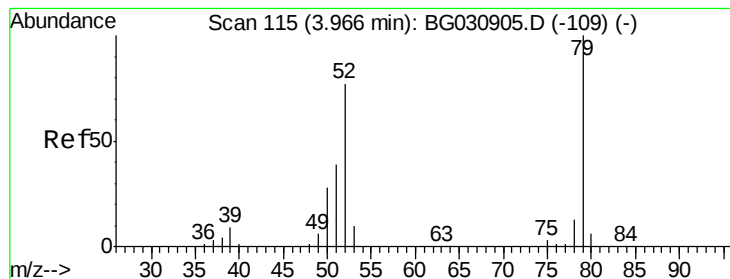
Ion Ratio Lower Upper

88 100

58 76.4 79.6 119.4#

43 35.8 27.4 41.0





#3

Pyridine

Concen: 22.73 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

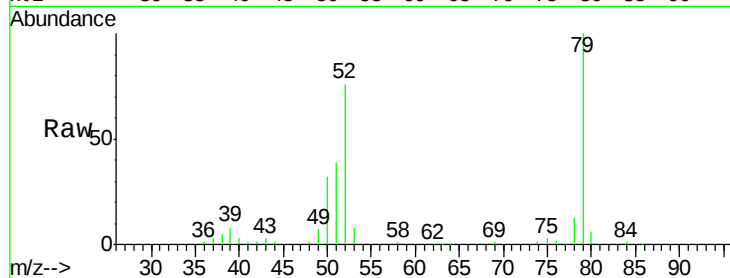
Tgt Ion: 79 Resp: 82621

Ion Ratio Lower Upper

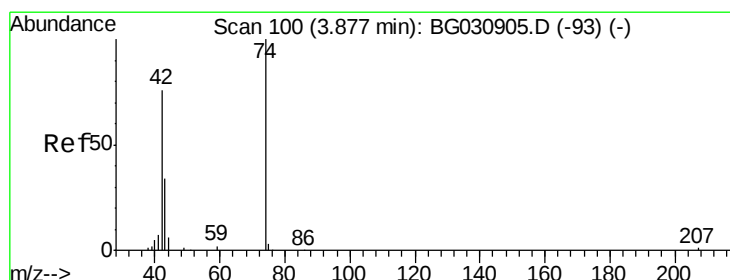
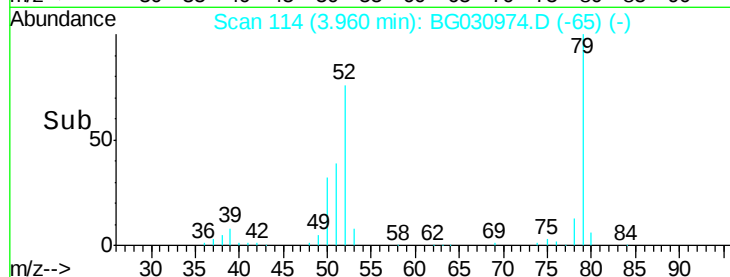
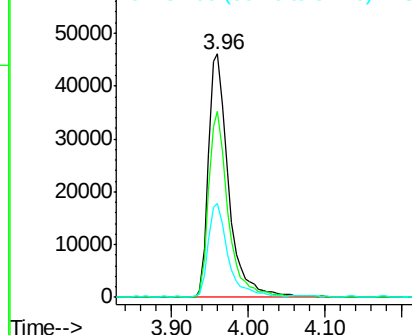
79 100

52 76.4 69.9 104.9

51 38.8 34.0 51.0



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: 24.55 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

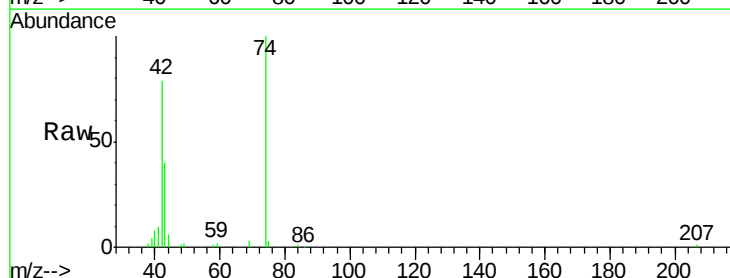
Tgt Ion: 42 Resp: 42299

Ion Ratio Lower Upper

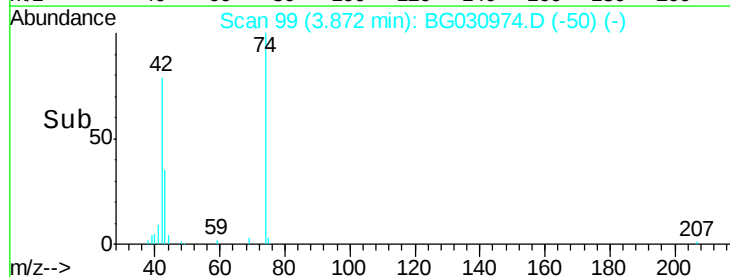
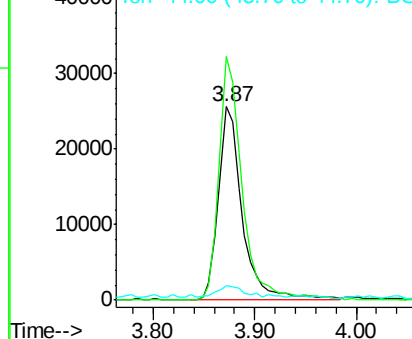
42 100

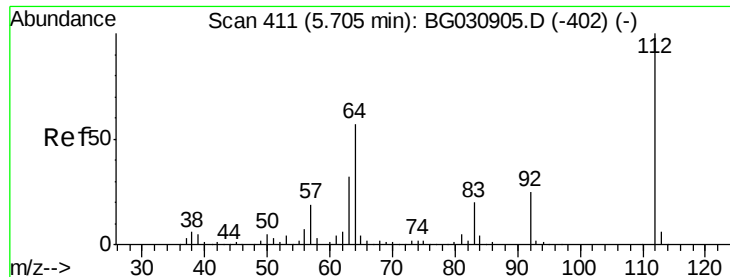
74 125.8 102.5 153.7

44 7.3 18.9 28.3#



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: 91.33 ng

RT: 5.71 min Scan# 411

Delta R.T. -0.00 min

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Acq: 13 Nov 2017 15:46

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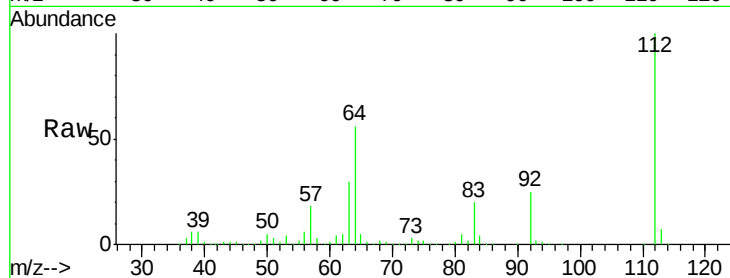
Tgt Ion: 112 Resp: 281781

Ion Ratio Lower Upper

112 100

64 56.0 56.3 84.5#

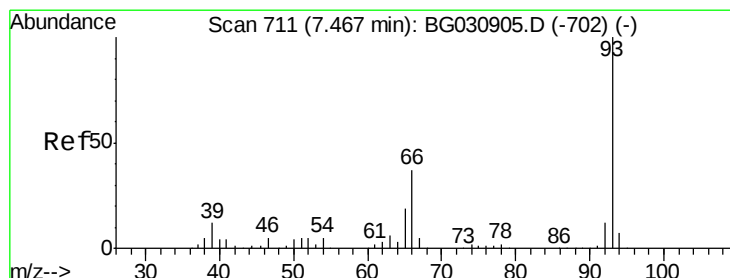
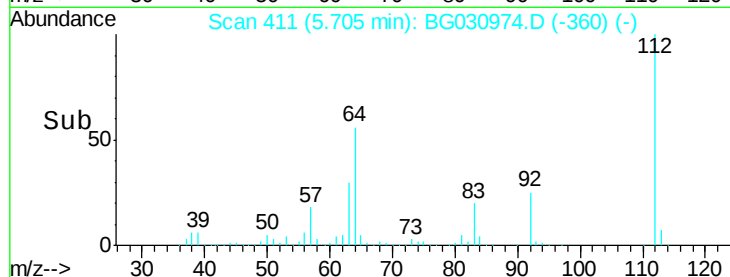
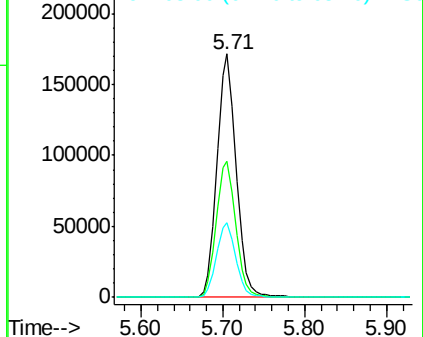
63 30.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.00 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

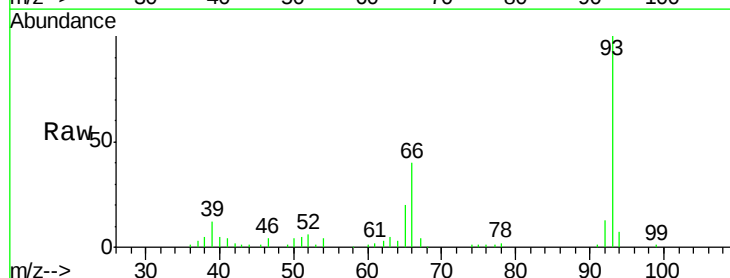
Tgt Ion: 93 Resp: 76596

Ion Ratio Lower Upper

93 100

66 39.6 33.7 50.5

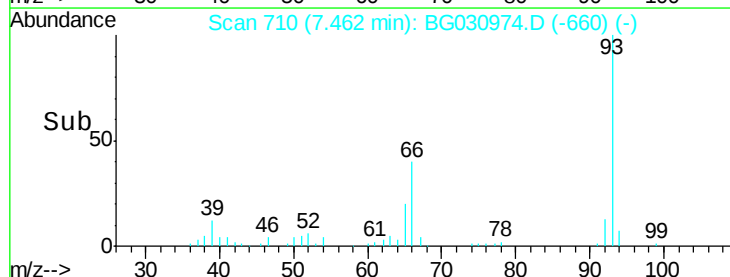
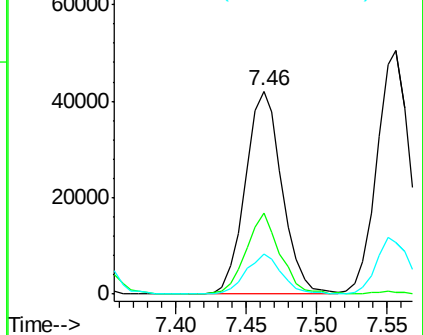
65 19.8 16.1 24.1

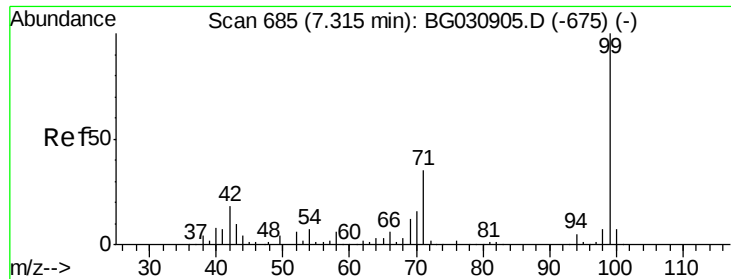


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.70 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

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ClientSampled :

PB104186BS

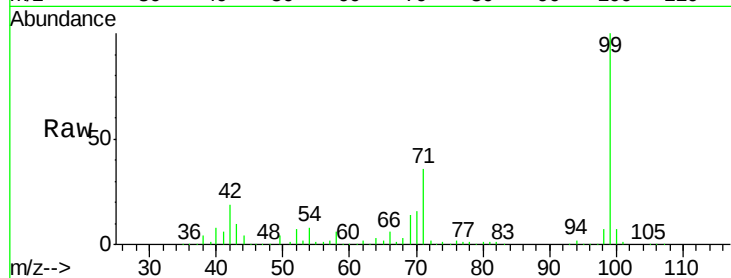
Tgt Ion: 99 Resp: 364530

Ion Ratio Lower Upper

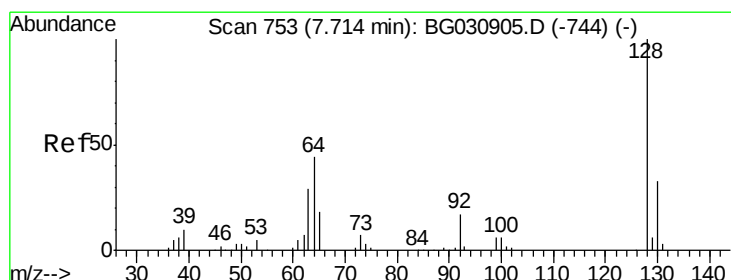
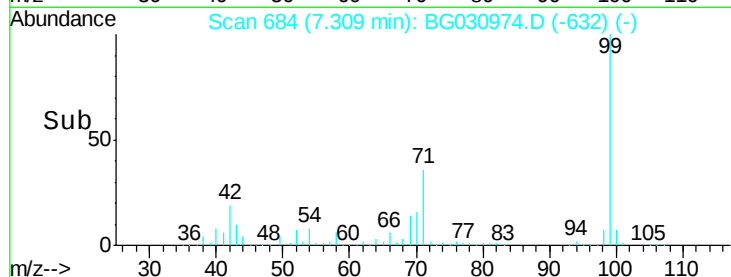
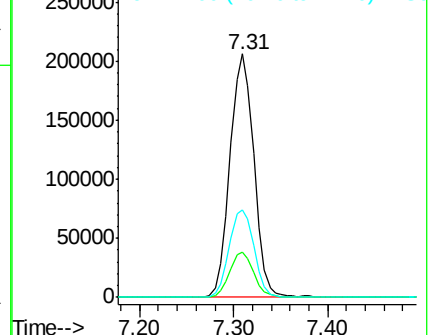
99 100

42 18.8 14.1 21.1

71 36.1 26.1 39.1



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: 28.00 ng

RT: 7.71 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

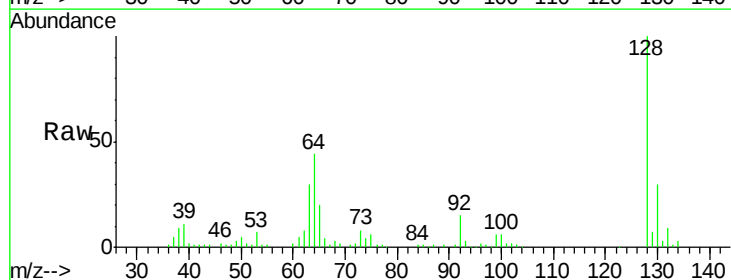
Tgt Ion: 128 Resp: 95348

Ion Ratio Lower Upper

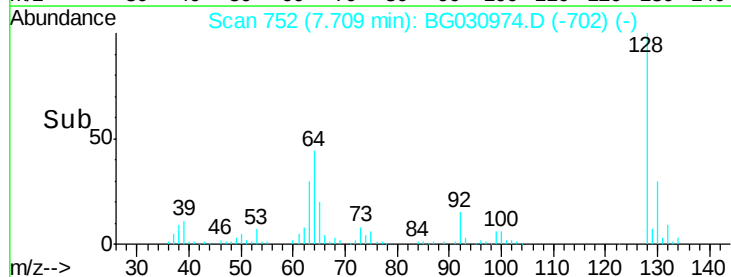
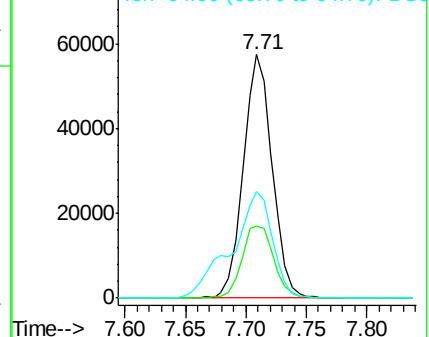
128 100

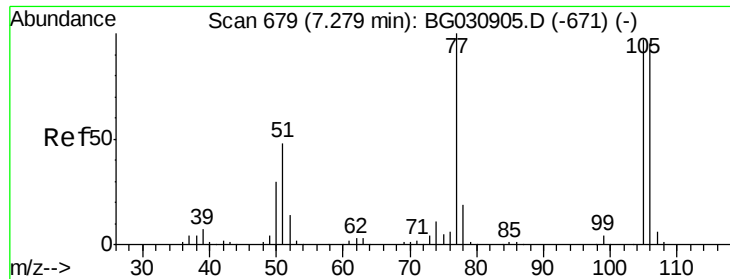
130 29.8 14.0 54.0

64 43.8 37.7 77.7



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: 15.07 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

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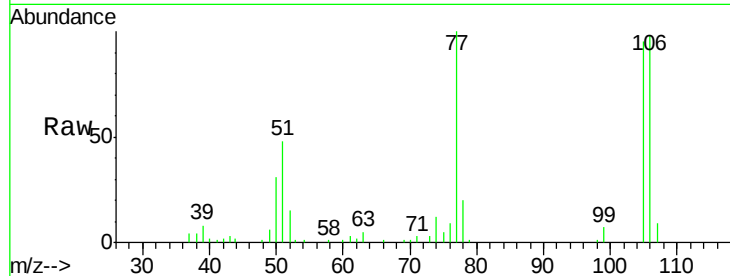
Tgt Ion: 77 Resp: 43849

Ion Ratio Lower Upper

77 100

105 95.5 71.3 111.3

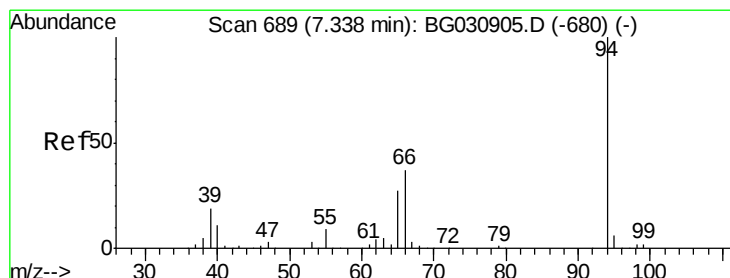
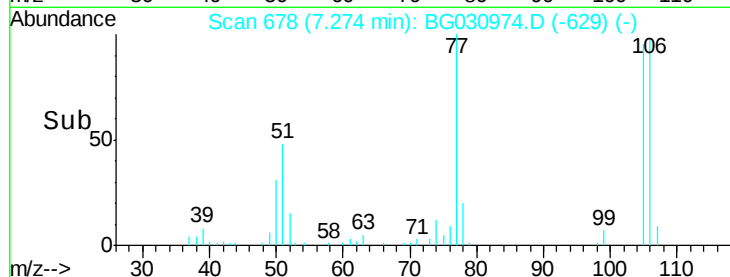
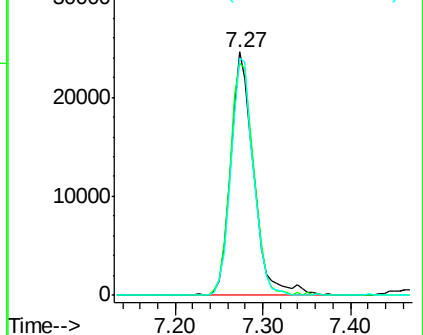
106 97.6 64.2 104.2



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: 28.67 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

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Acq: 13 Nov 2017 15:46

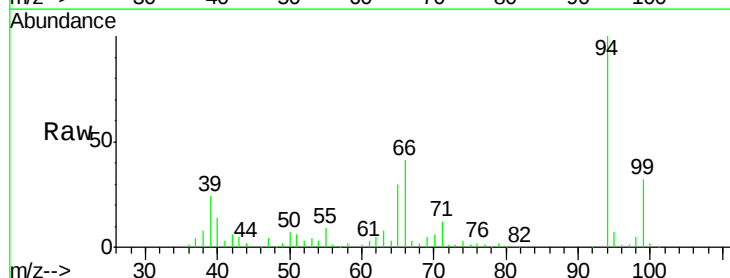
Tgt Ion: 94 Resp: 123759

Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

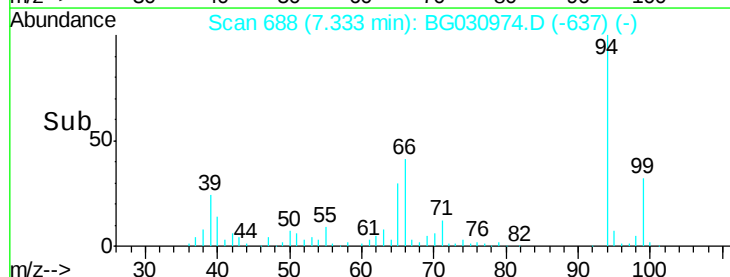
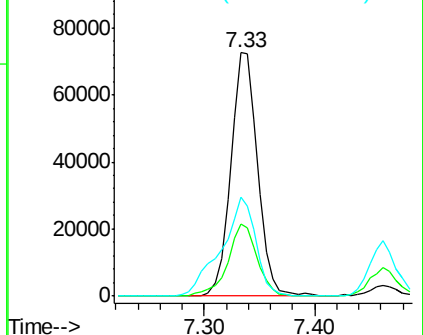
66 40.8 22.2 62.2

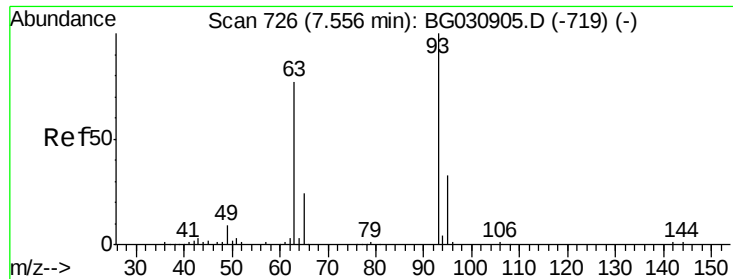


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



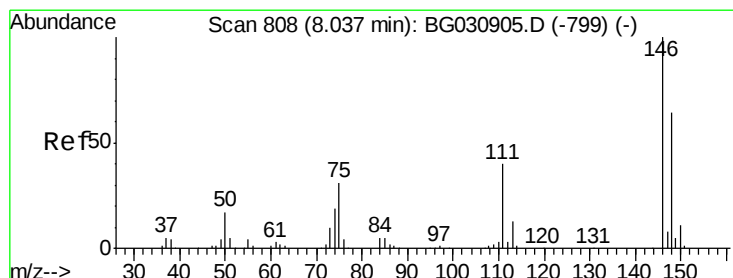
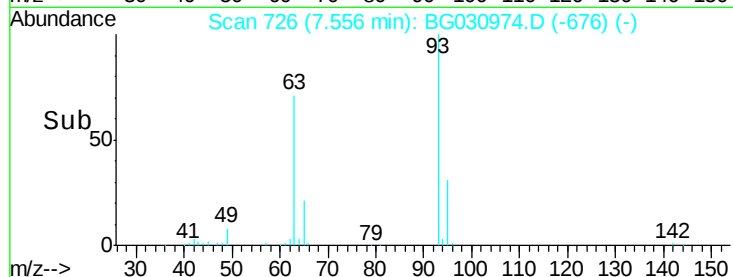
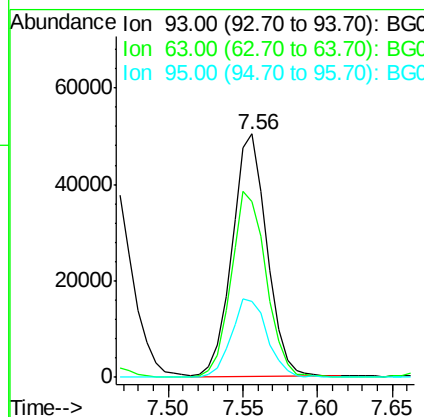
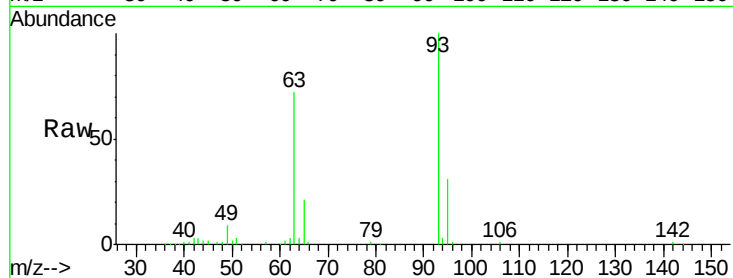


#11
bis(2-Chloroethyl)ether
Concen: 23.74 ng
RT: 7.56 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion: 93 Resp: 81821

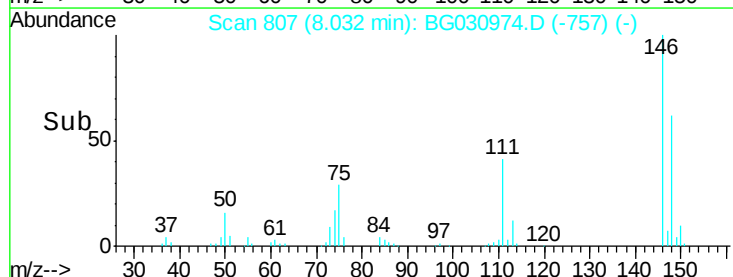
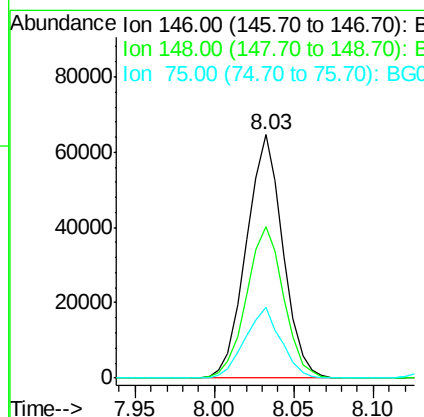
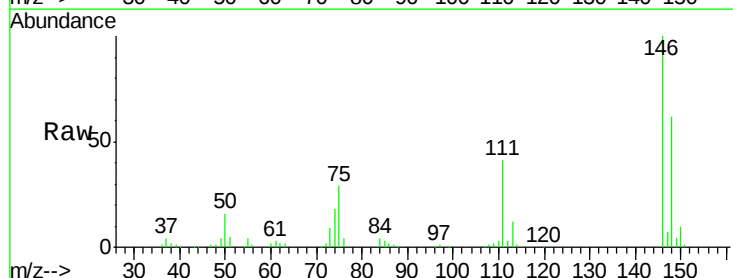
Ion	Ratio	Lower	Upper
93	100		
63	72.1	67.1	107.1
95	31.3	11.5	51.5

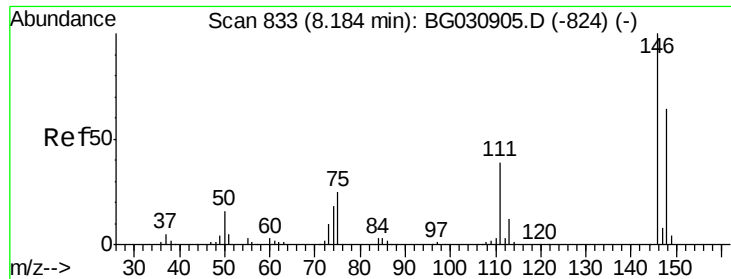


#12
1,3-Dichlorobenzene
Concen: 25.84 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion: 146 Resp: 103241

Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
75	28.9	26.6	39.8

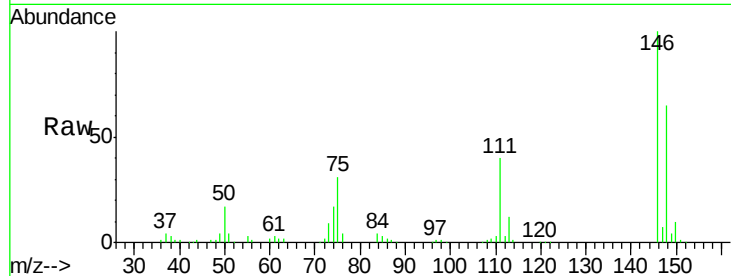




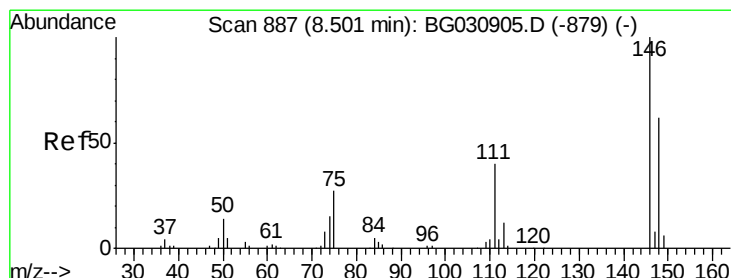
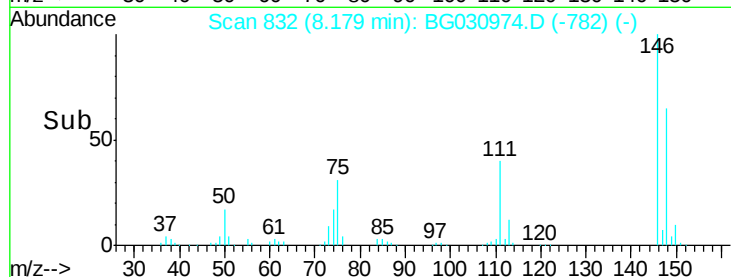
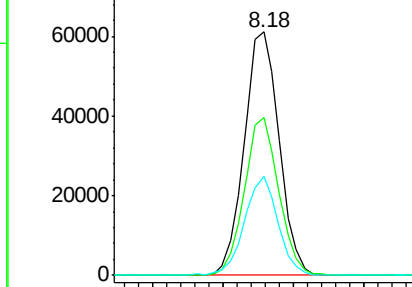
#13
1,4-Dichlorobenzene
Concen: 26.21 ng
RT: 8.18 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion:146 Resp: 106099
Ion Ratio Lower Upper
146 100
148 64.6 53.7 80.5
111 40.4 35.2 52.8

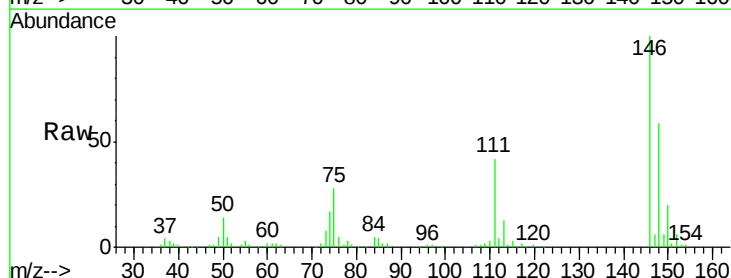


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

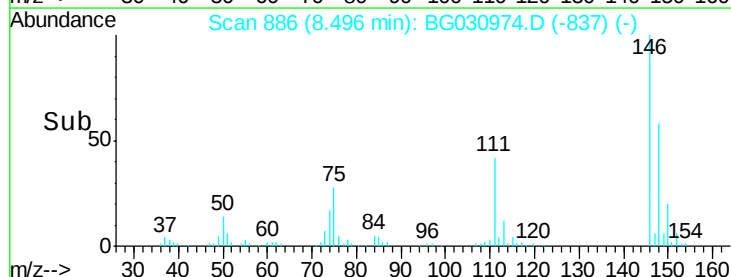
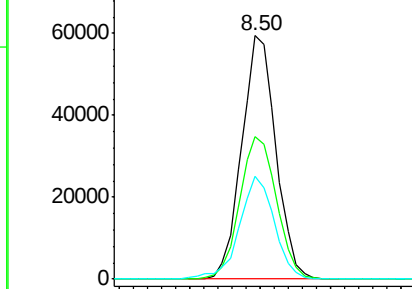


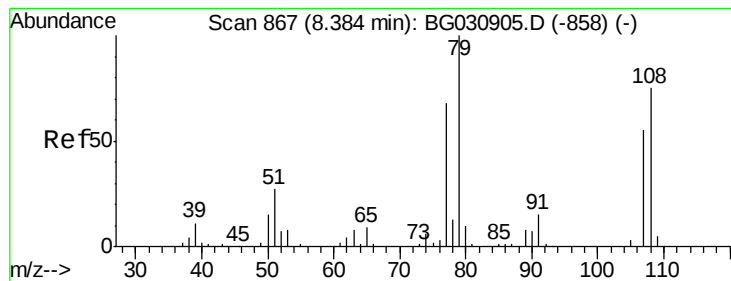
#14
1,2-Dichlorobenzene
Concen: 25.88 ng
RT: 8.50 min Scan# 886
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:146 Resp: 100557
Ion Ratio Lower Upper
146 100
148 58.6 49.3 73.9
111 42.3 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 24.84 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

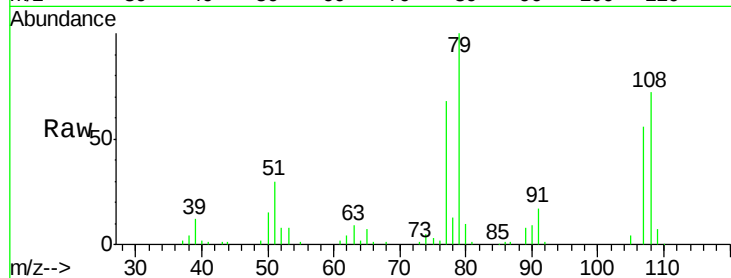
Tgt Ion: 79 Resp: 82832

Ion Ratio Lower Upper

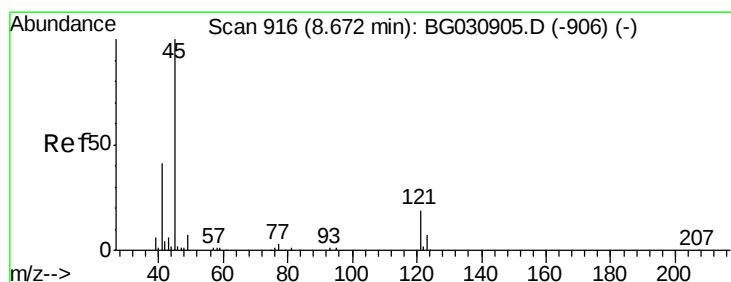
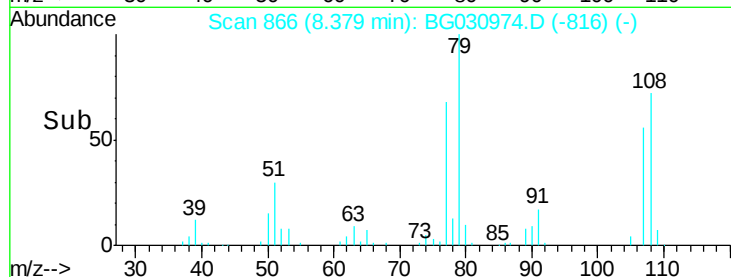
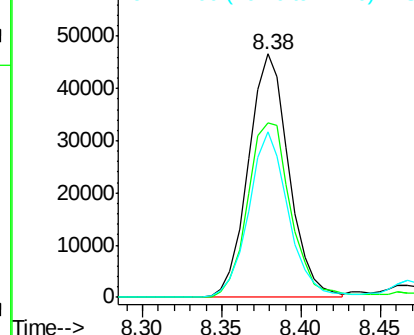
79 100

108 71.8 57.2 85.8

77 68.1 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.03 ng

RT: 8.67 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

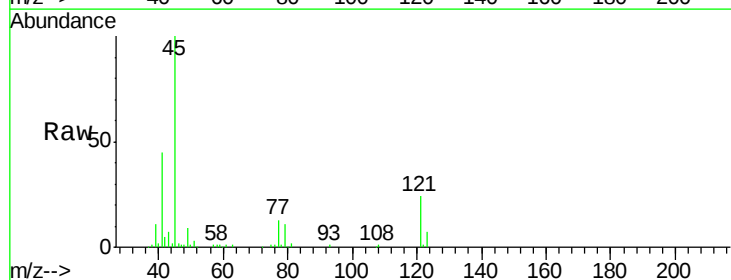
Tgt Ion: 45 Resp: 121959

Ion Ratio Lower Upper

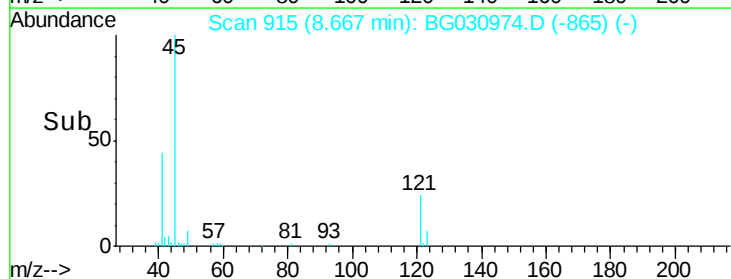
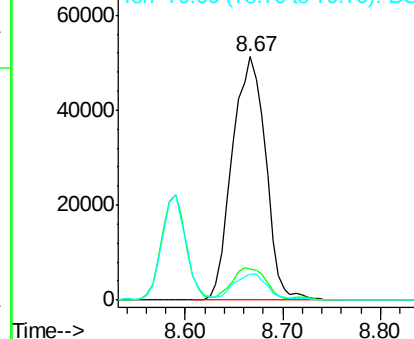
45 100

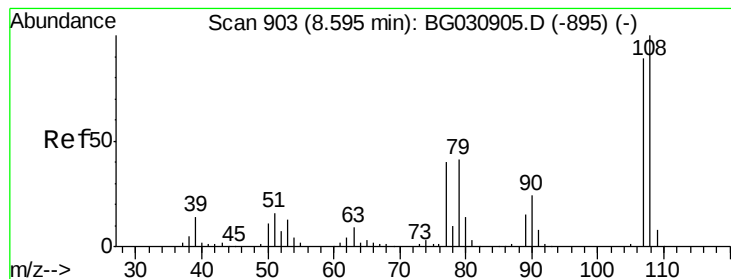
77 12.8 0.0 30.2

79 10.5 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 27.51 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tgt Ion:107 Resp: 82709

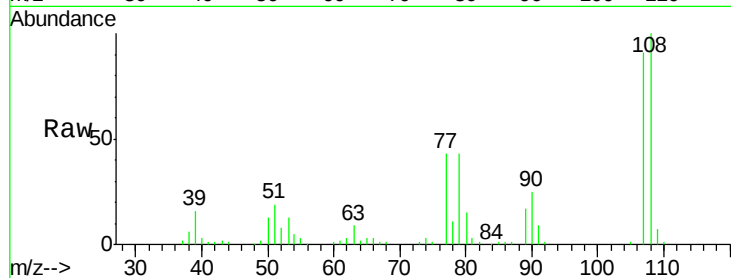
Ion Ratio Lower Upper

107 100

108 110.4 83.9 125.9

77 47.9 37.2 55.8

79 47.8 36.2 54.2

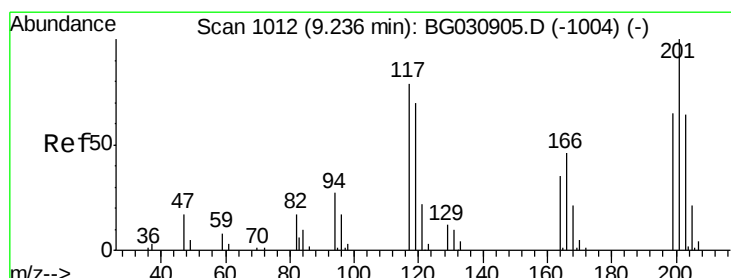
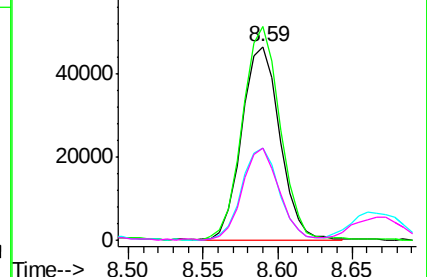
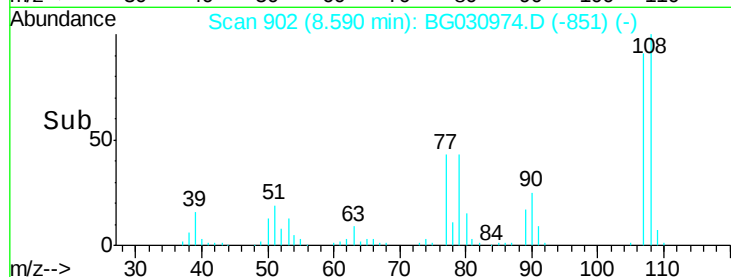


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 25.81 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

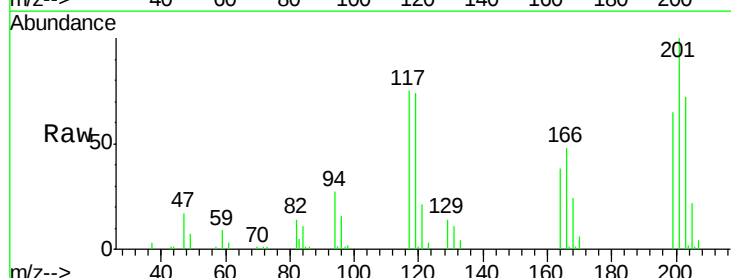
Tgt Ion:117 Resp: 36366

Ion Ratio Lower Upper

117 100

119 98.3 76.7 115.1

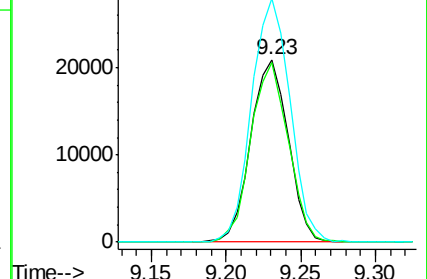
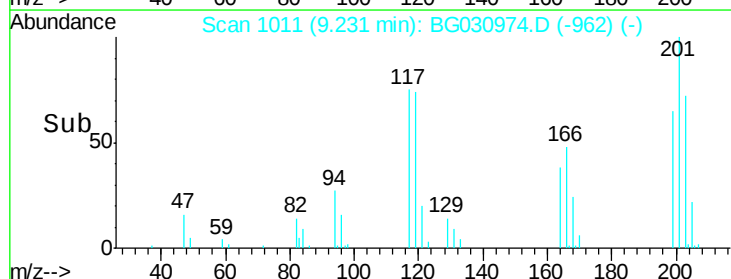
201 133.7 95.7 143.5

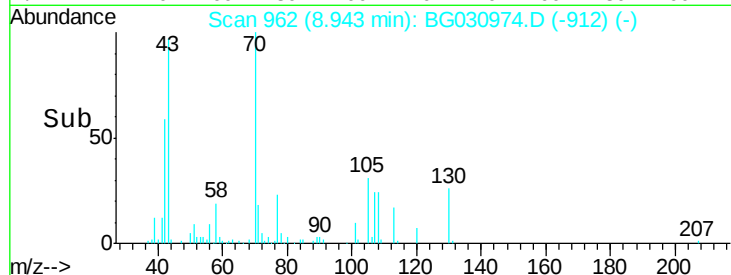
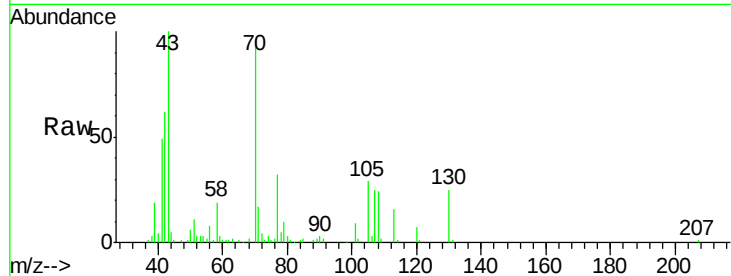
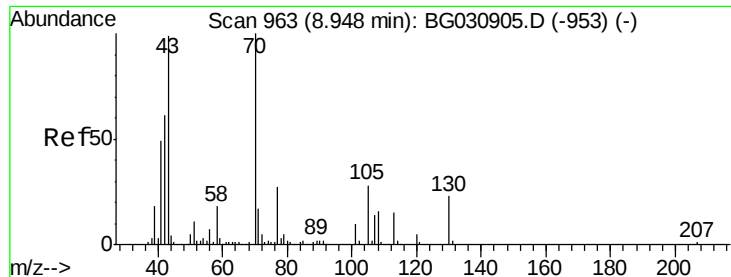


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

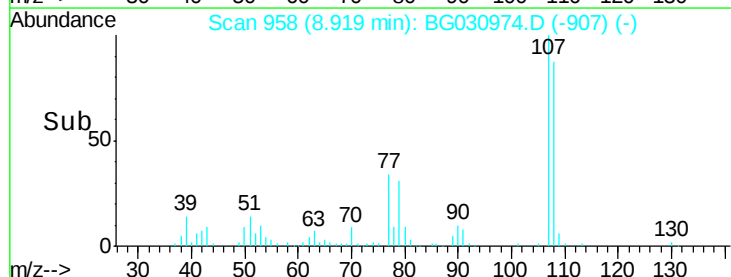
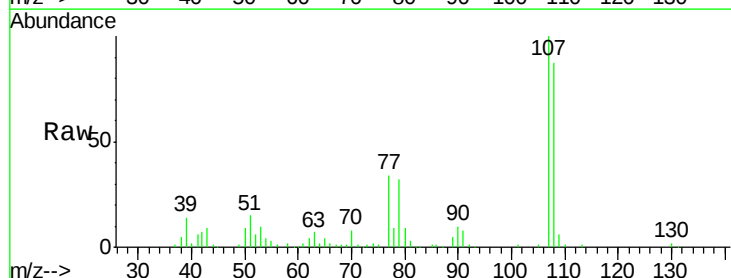
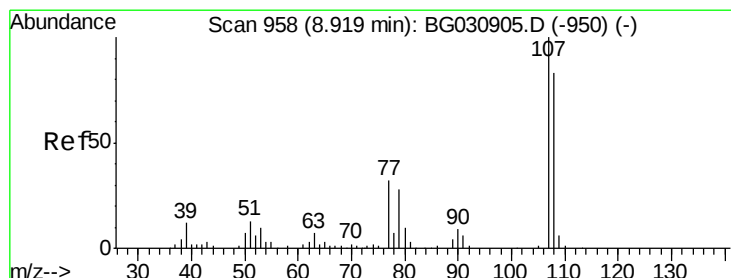
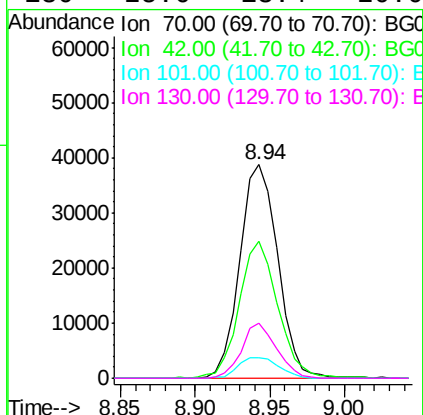




#19
n-Nitroso-di-n-propylamine
Concen: 21.57 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

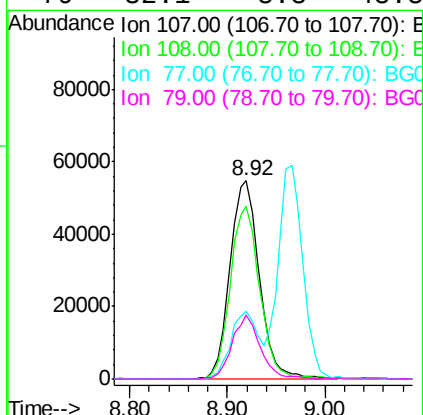
Instrument :
BNA_G
ClientSampleId :
PB104186BS

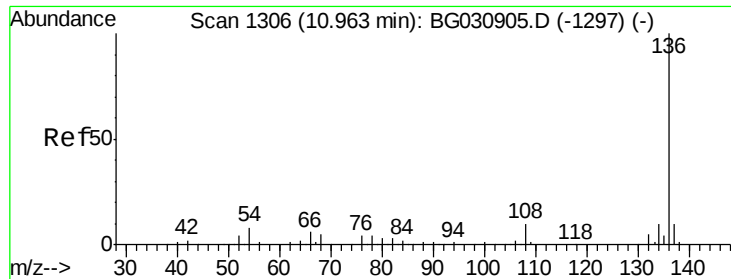
Tgt Ion: 70 Resp: 68174
Ion Ratio Lower Upper
70 100
42 64.4 49.1 73.7
101 9.5 8.5 12.7
130 25.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 26.75 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion: 107 Resp: 114340
Ion Ratio Lower Upper
107 100
108 87.1 61.6 101.6
77 34.0 13.9 53.9
79 32.1 8.8 48.8

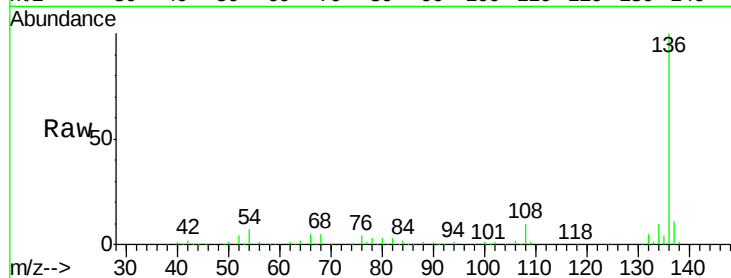




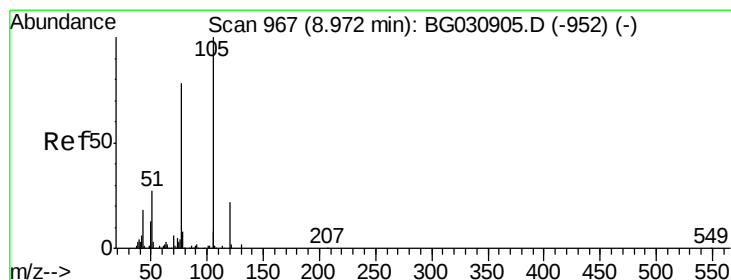
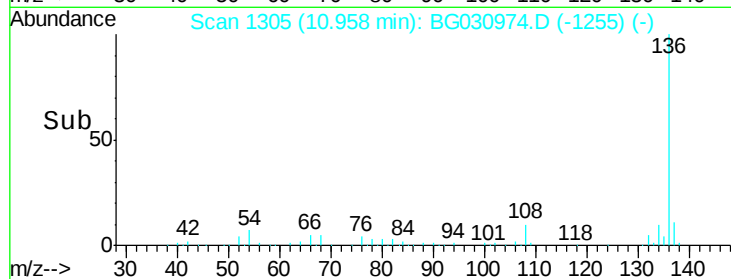
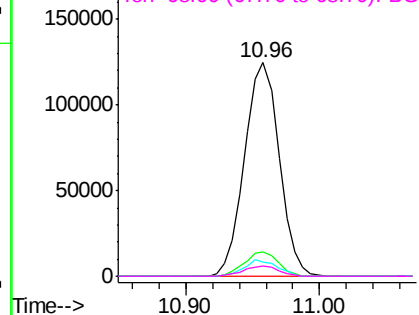
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion:	136	Resp:	224447
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.6	10.3	15.5#
68	4.7	4.5	6.7

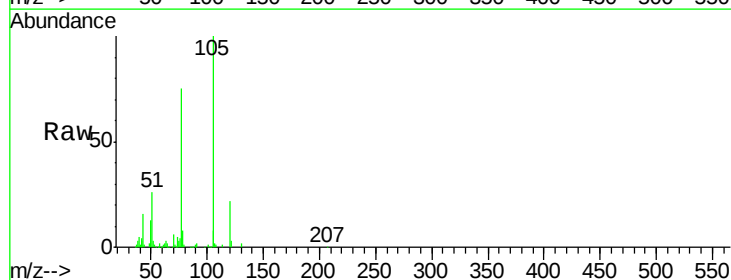


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

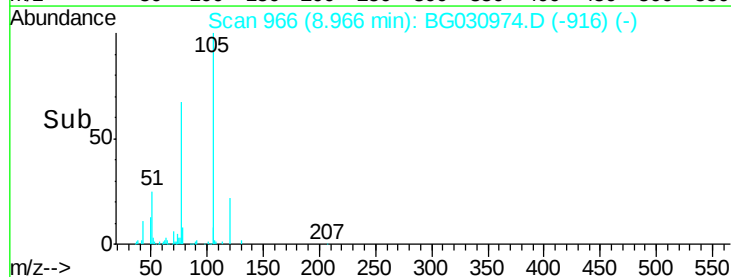
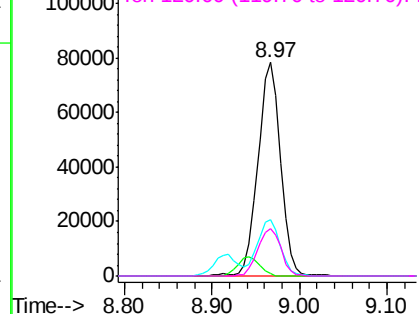


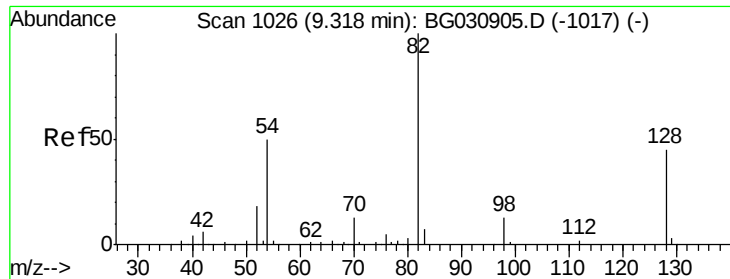
#22
Acetophenone
Concen: 24.71 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:	105	Resp:	138068
Ion	Ratio	Lower	Upper
105	100		
71	1.2	3.0	4.4#
51	26.1	26.1	39.1
120	22.1	17.4	26.2



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

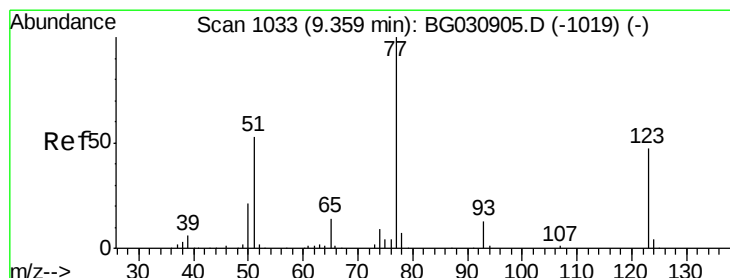
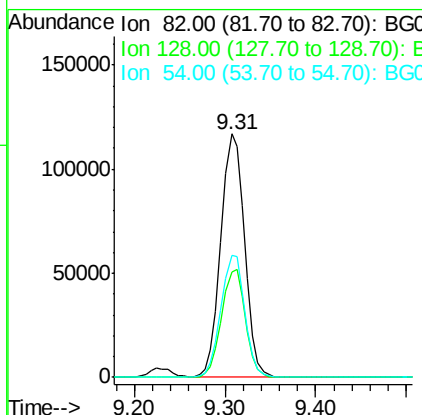
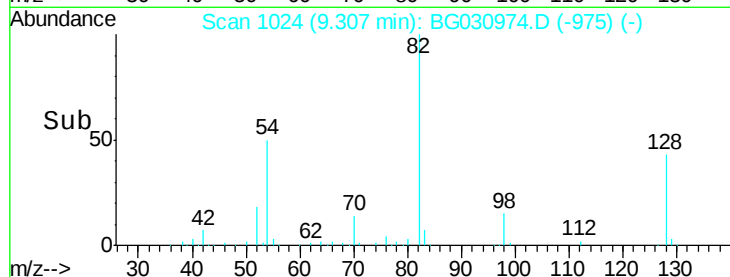
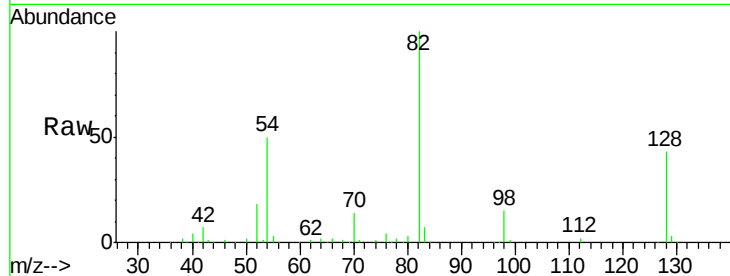




#23
 Nitrobenzene-d5
 Concen: 56.30 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

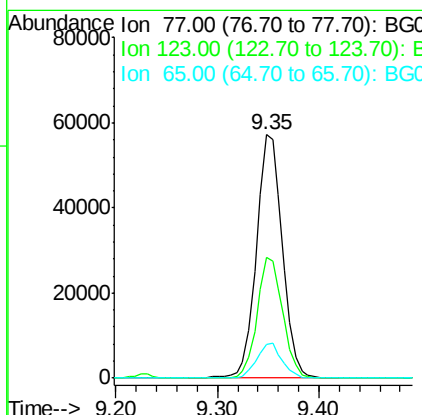
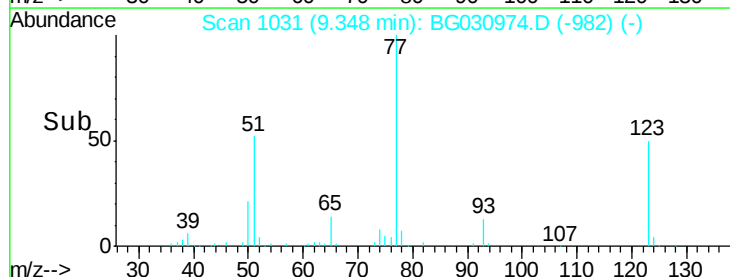
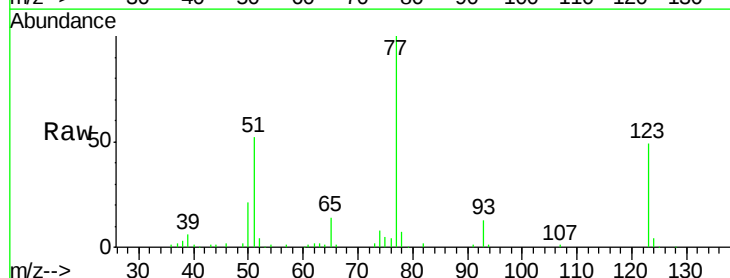
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

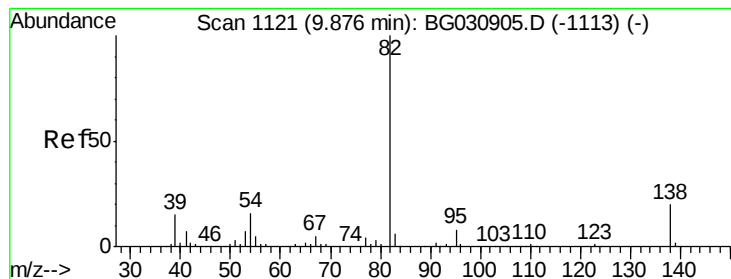
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	50.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 26.47 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 26.12 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

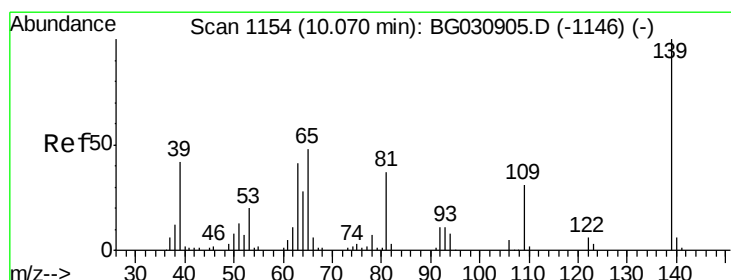
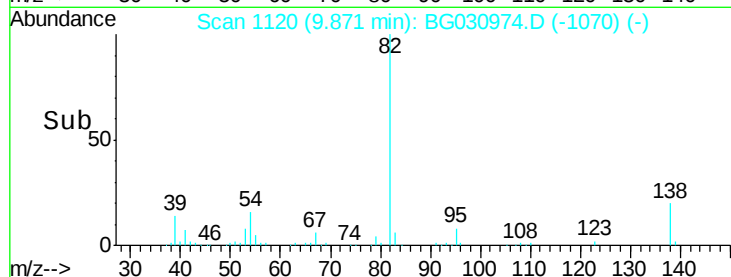
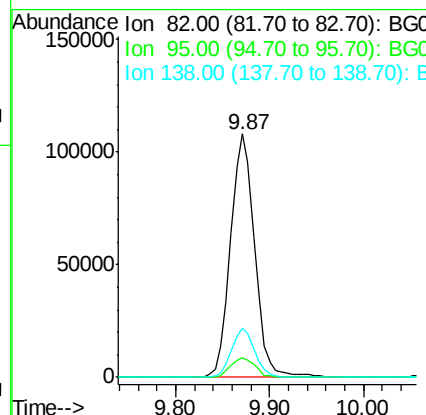
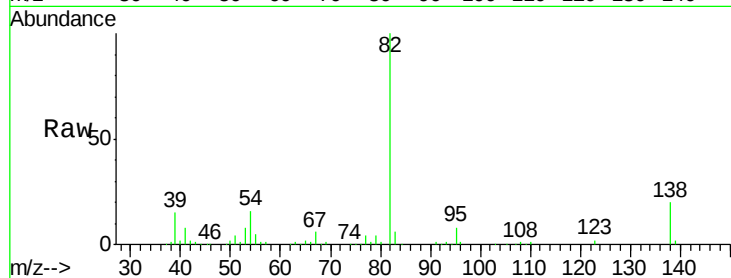
Tgt Ion: 82 Resp: 192950

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 20.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 26.94 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

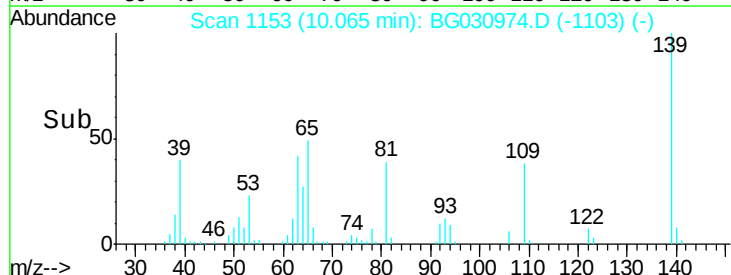
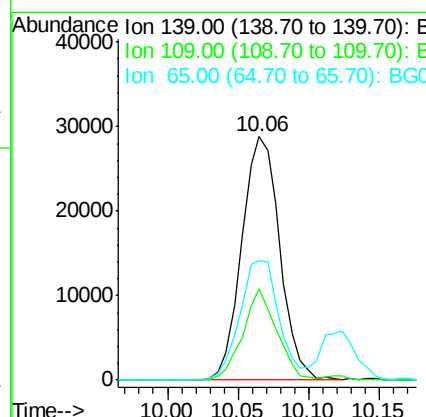
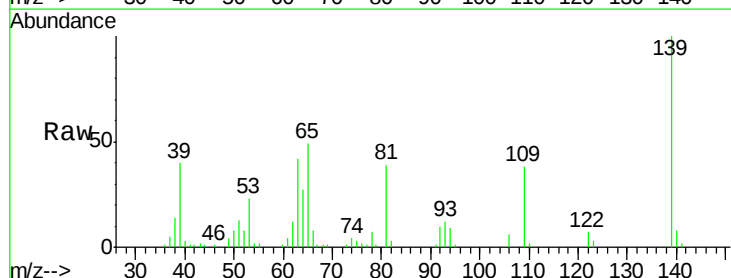
Tgt Ion: 139 Resp: 54337

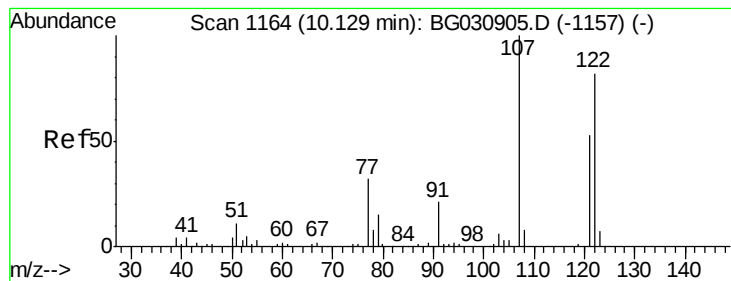
Ion Ratio Lower Upper

139 100

109 37.5 24.2 36.2#

65 49.3 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 31.77 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

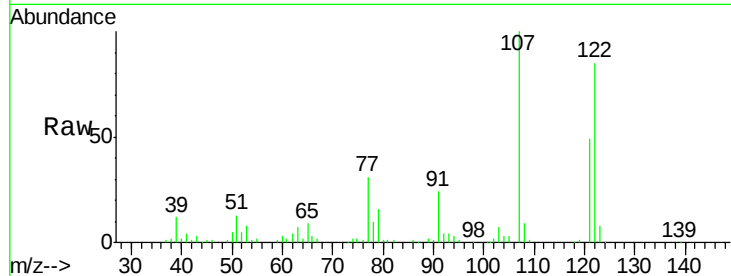
Tgt Ion:122 Resp: 95122

Ion Ratio Lower Upper

122 100

107 118.1 100.2 150.2

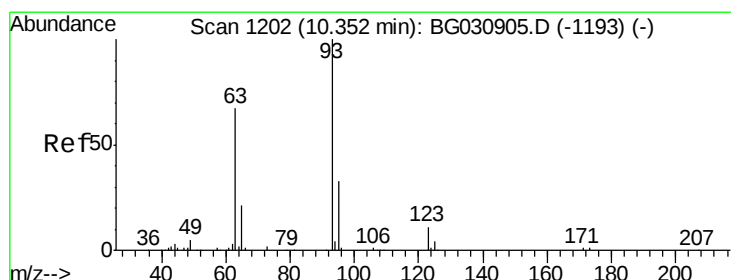
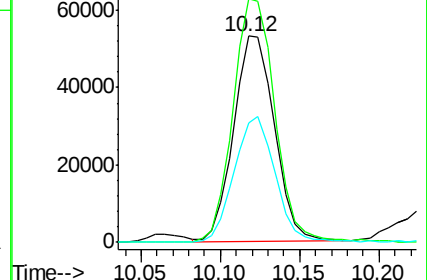
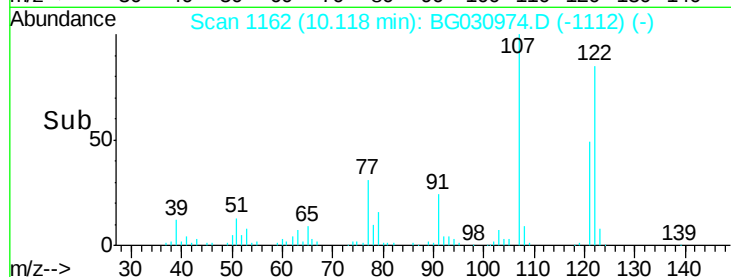
121 57.9 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 25.60 ng

RT: 10.35 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

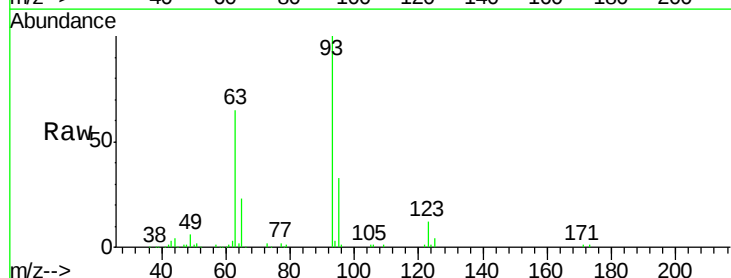
Tgt Ion: 93 Resp: 119089

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

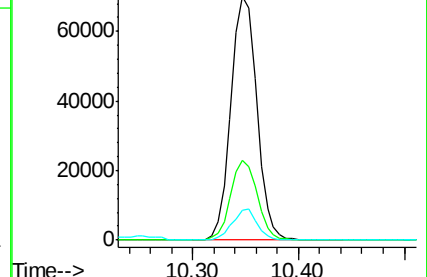
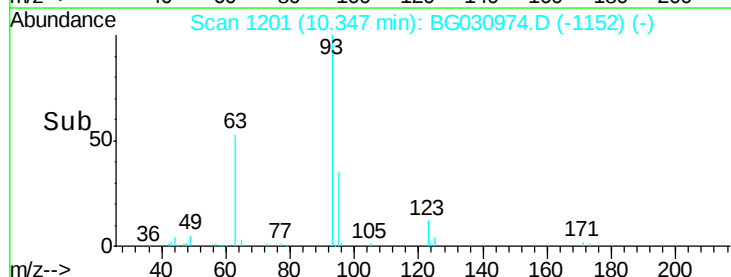
123 12.1 8.4 12.6

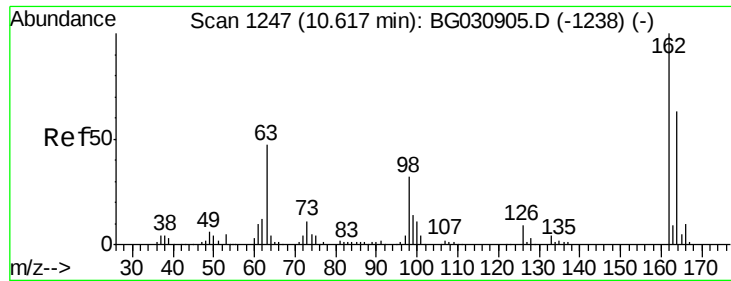


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

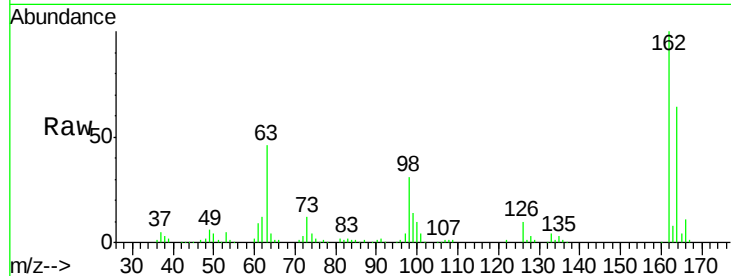




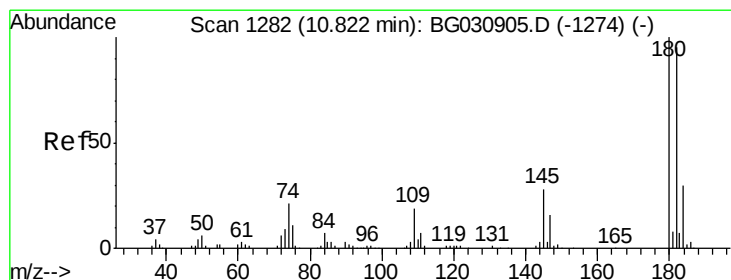
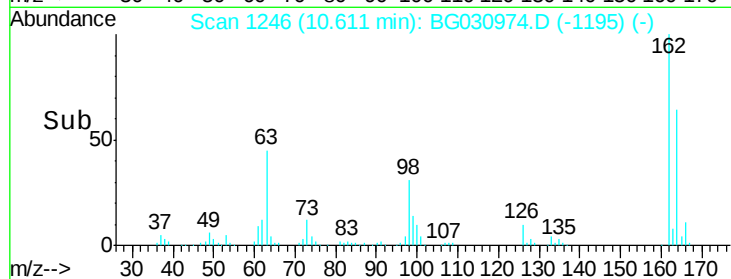
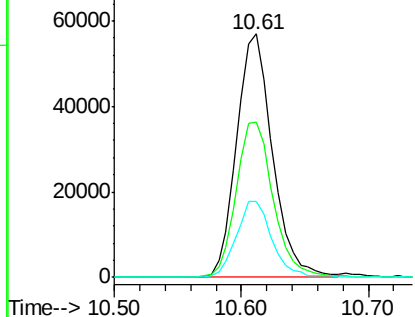
#29
2,4-Dichlorophenol
Concen: 31.15 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion:162 Resp: 112004
Ion Ratio Lower Upper
162 100
164 63.7 48.0 88.0
98 31.1 21.1 61.1

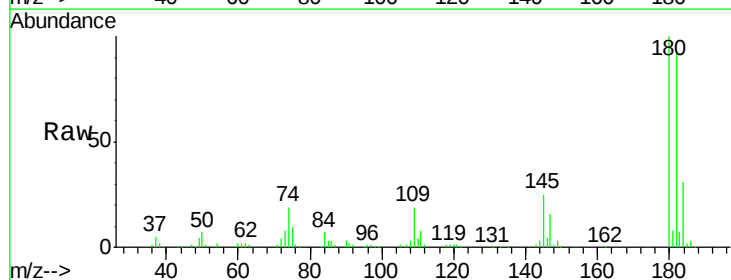


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

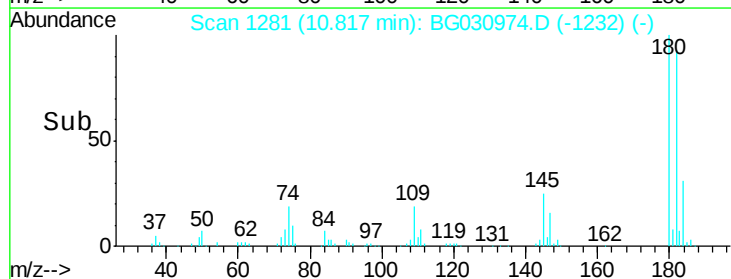
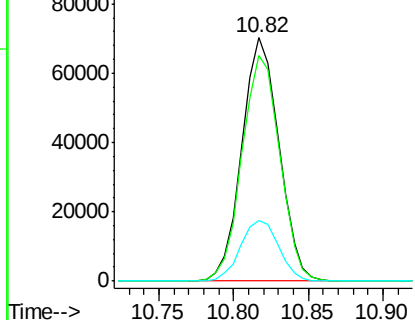


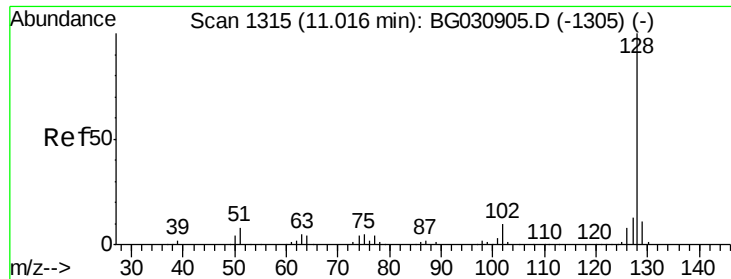
#30
1,2,4-Trichlorobenzene
Concen: 28.15 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:180 Resp: 120839
Ion Ratio Lower Upper
180 100
182 92.9 77.5 116.3
145 24.9 23.4 35.2



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

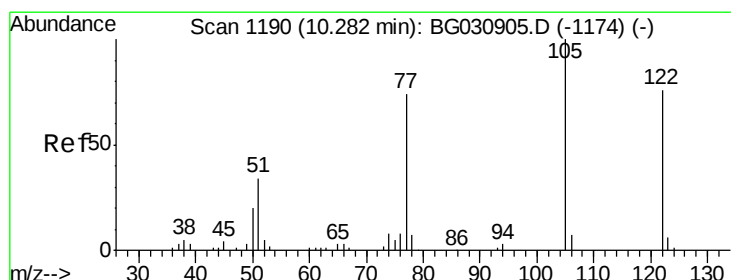
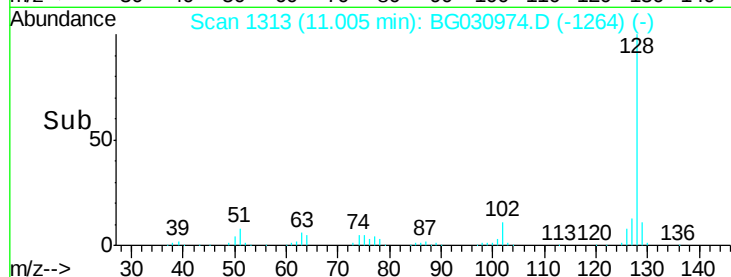
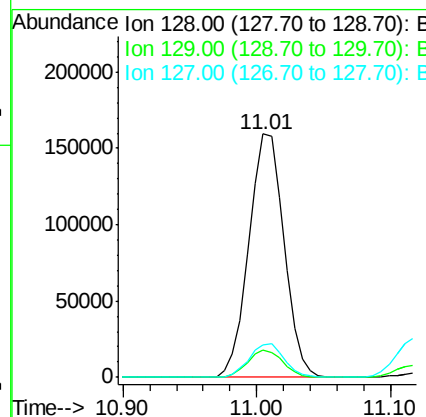
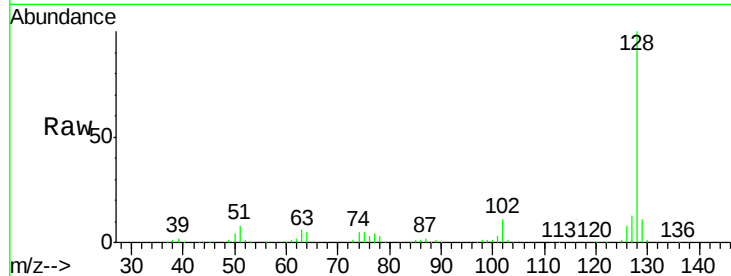




#31
Naphthalene
Concen: 26.21 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

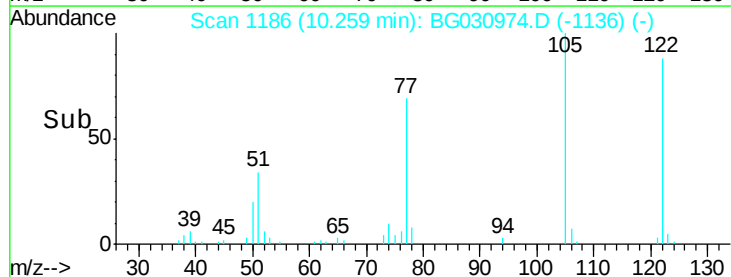
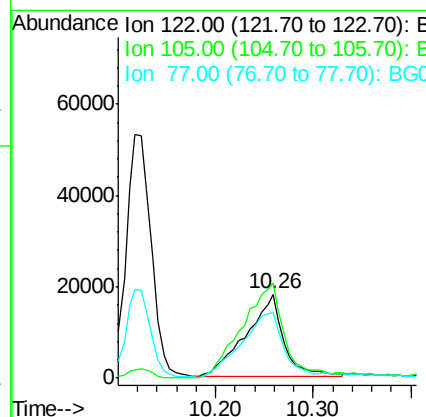
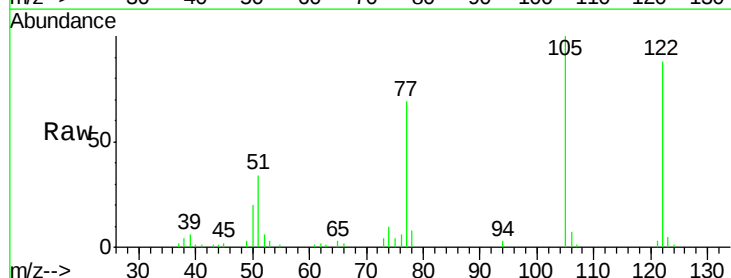
Instrument :
BNA_G
ClientSampleId :
PB104186BS

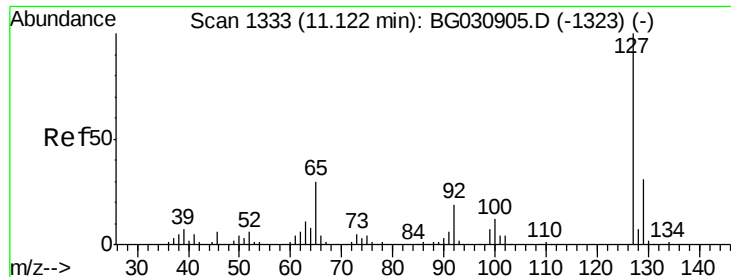
Tgt Ion:128 Resp: 289198
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 22.50 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:122 Resp: 47598
Ion Ratio Lower Upper
122 100
105 113.3 123.5 163.5#
77 78.7 85.7 125.7#

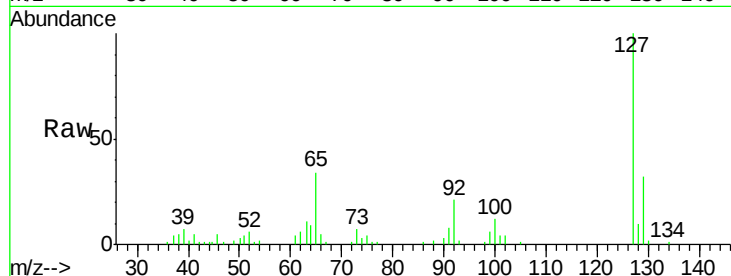




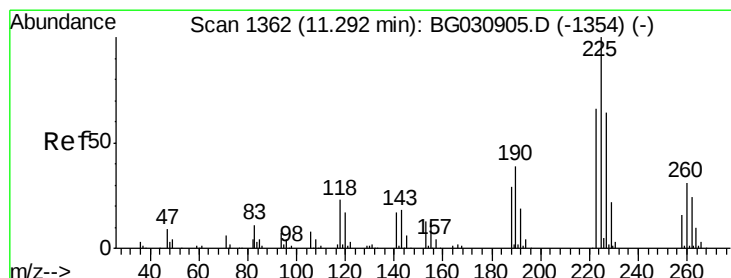
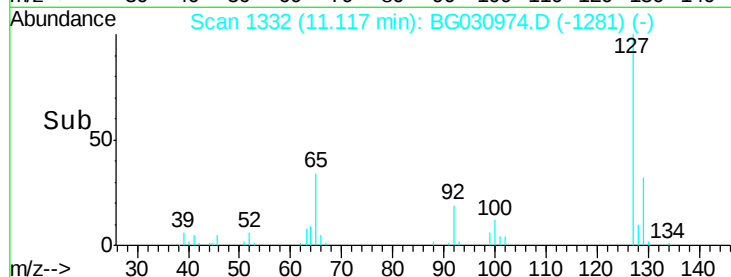
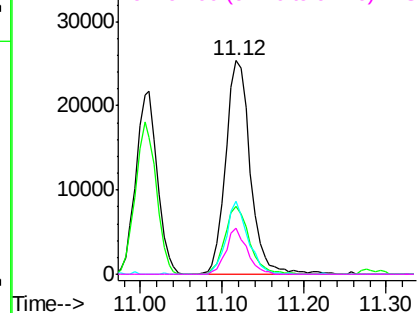
#33
4-Chloroaniline
Concen: 11.03 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion:	127	Resp:	53263
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	34.0	27.0	40.4
92	21.4	16.6	25.0

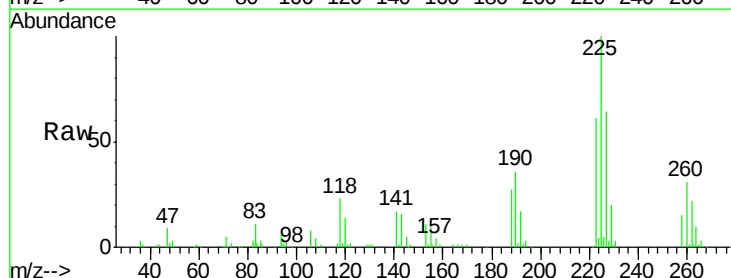


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

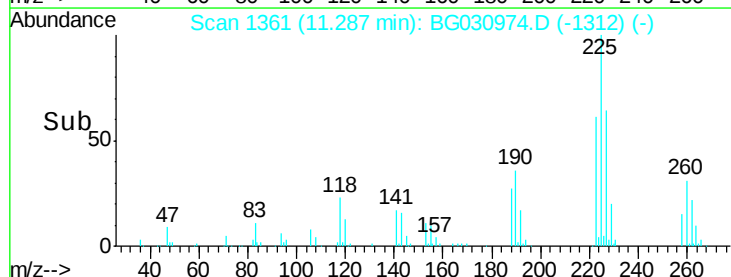
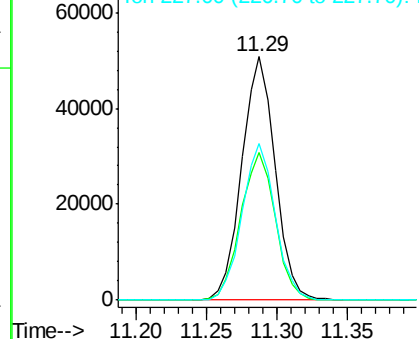


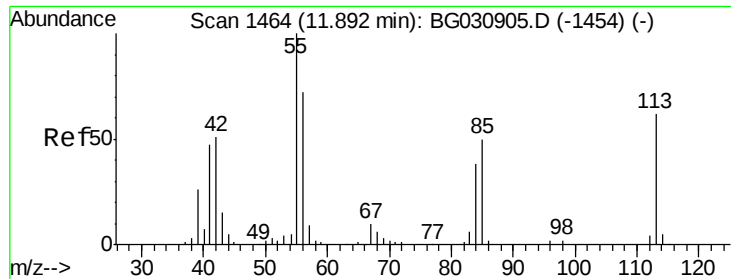
#34
Hexachlorobutadiene
Concen: 28.28 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:	225	Resp:	84177
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	64.1	48.1	72.1



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: 25.02 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

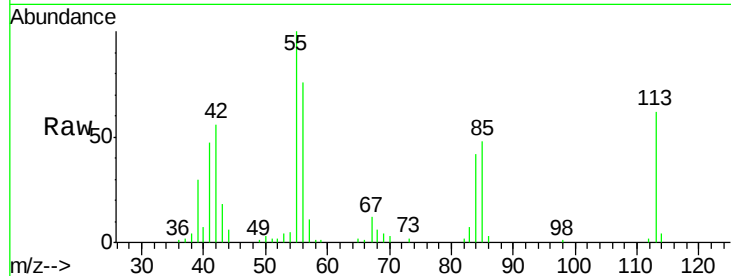
Tgt Ion:113 Resp: 36753

Ion Ratio Lower Upper

113 100

55 161.1 186.9 226.9#

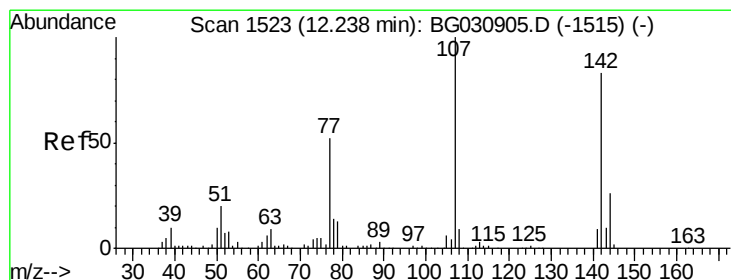
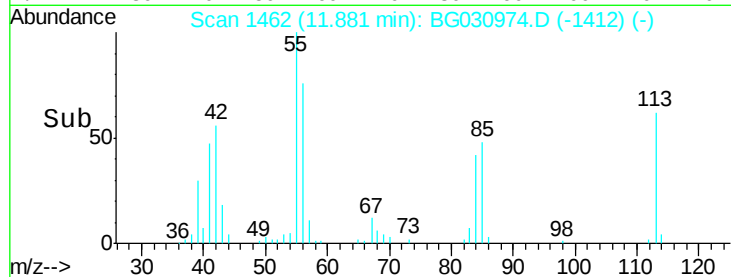
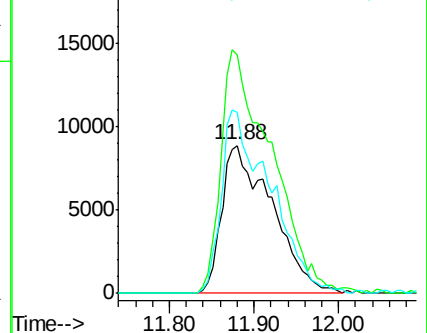
56 122.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 28.51 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

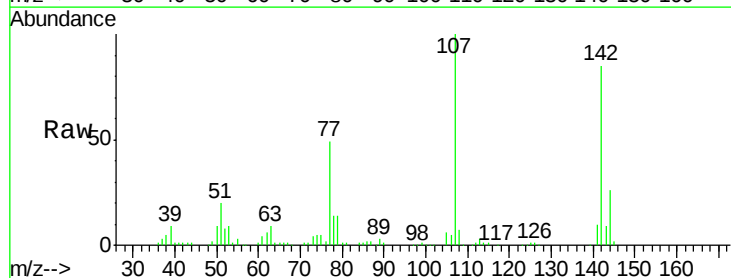
Tgt Ion:107 Resp: 111549

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

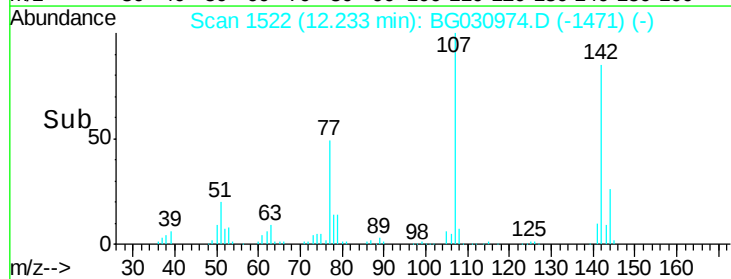
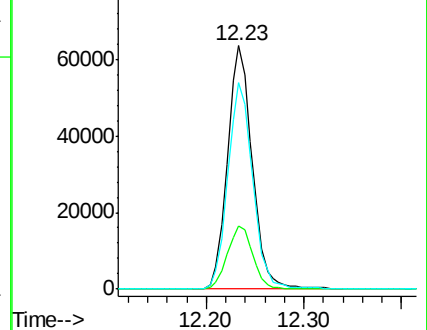
142 84.6 59.0 88.4

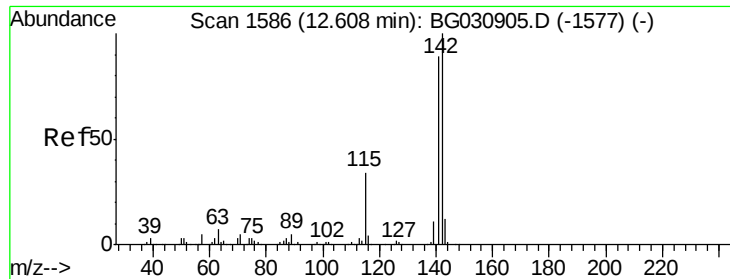


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

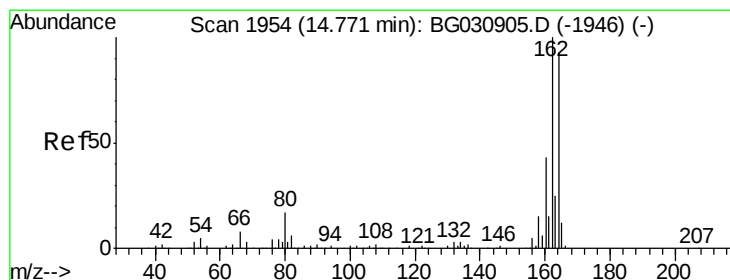
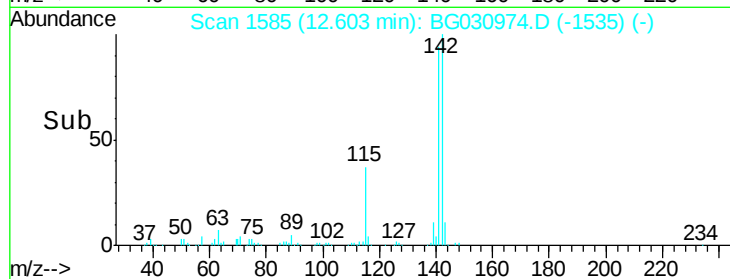
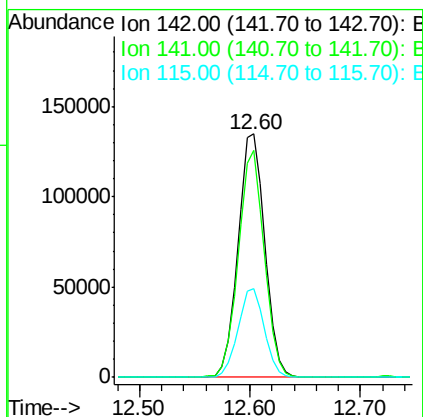
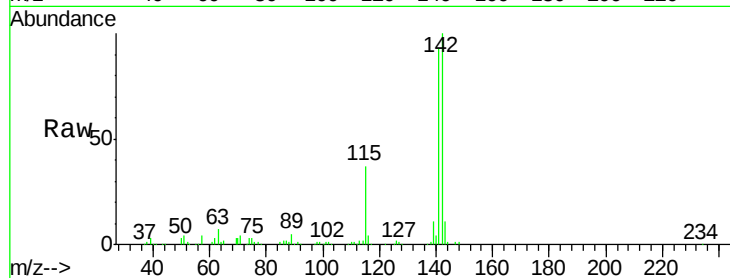




#37
 2-Methylnaphthalene
 Concen: 26.94 ng
 RT: 12.60 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

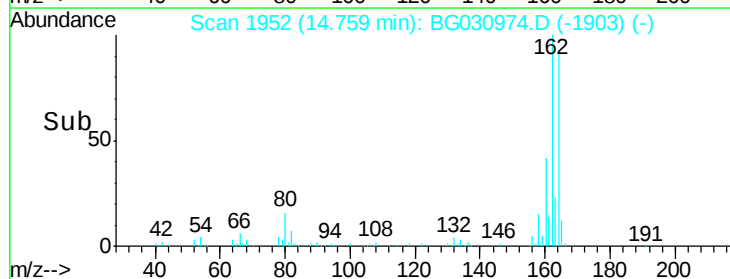
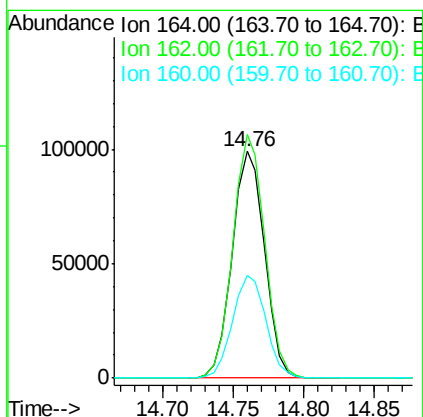
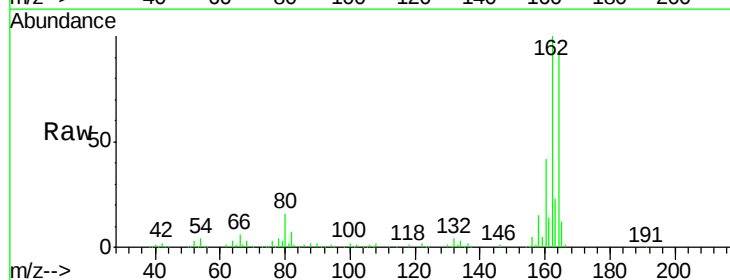
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

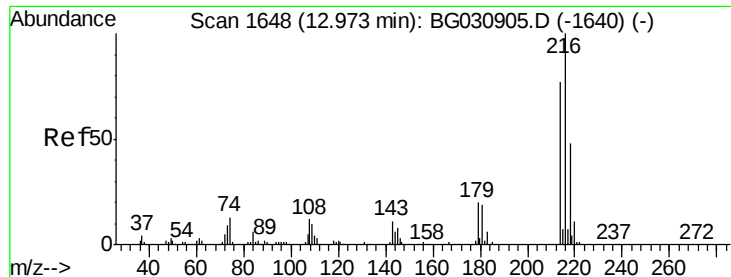
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	67.1	100.7
115	36.6	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	45.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.23 ng

RT: 12.97 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tgt Ion:216 Resp: 157961

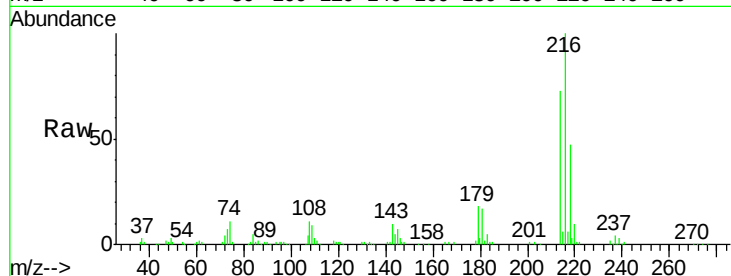
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 17.8 17.0 25.6

108 13.0 12.8 19.2

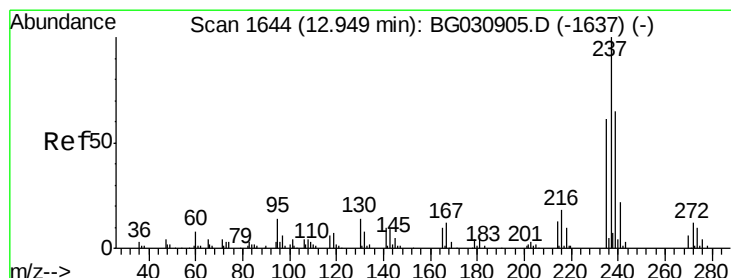
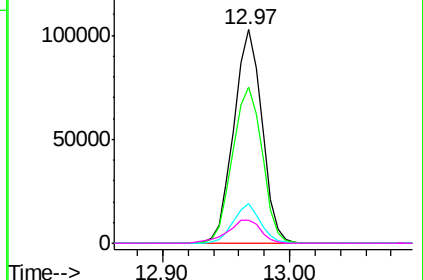
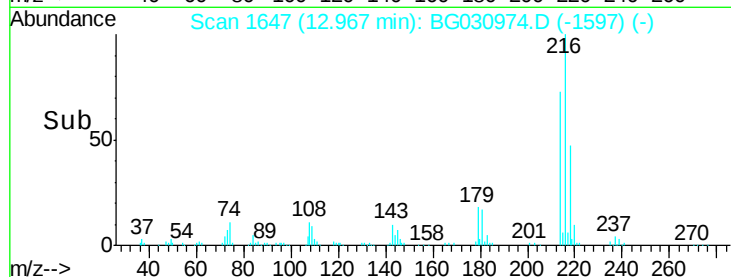


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 59.58 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

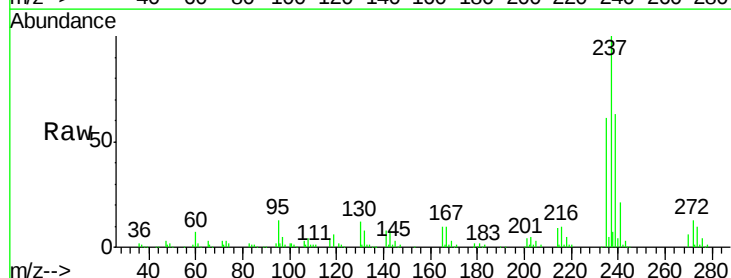
Tgt Ion:237 Resp: 130701

Ion Ratio Lower Upper

237 100

235 60.8 50.4 90.4

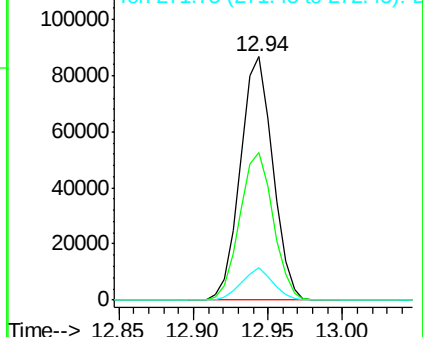
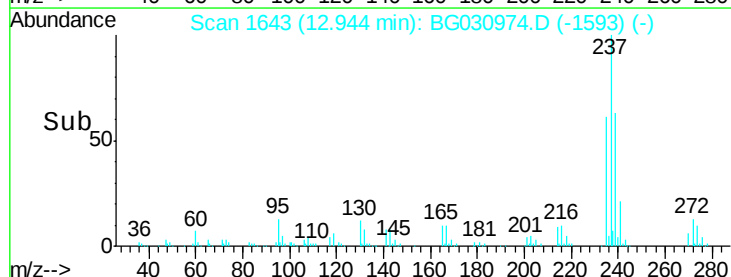
272 13.2 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

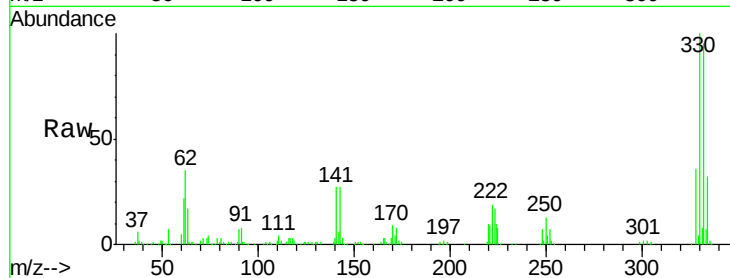




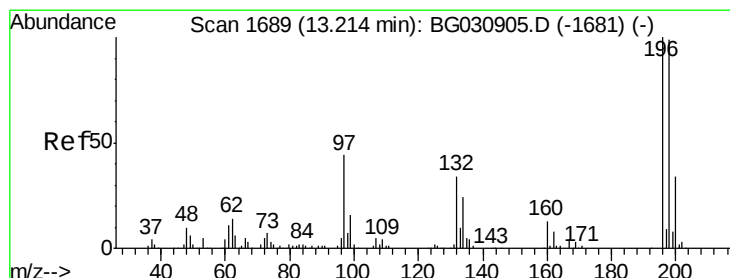
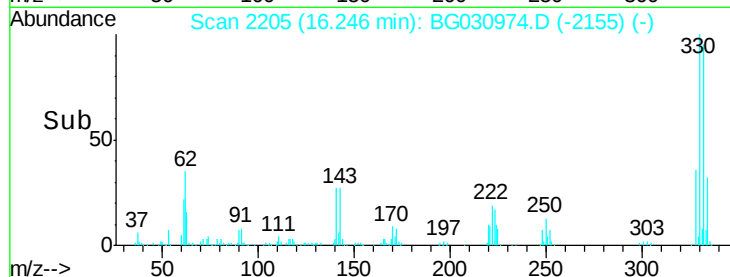
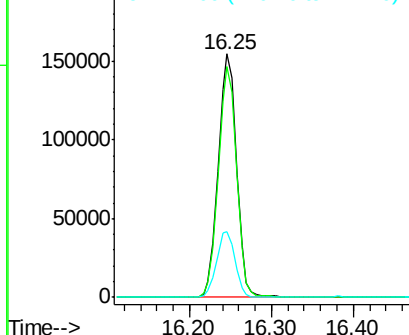
#41
 2,4,6-Tribromophenol
 Concen: 94.96 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion:330 Resp: 242315
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 27.2 25.2 37.8

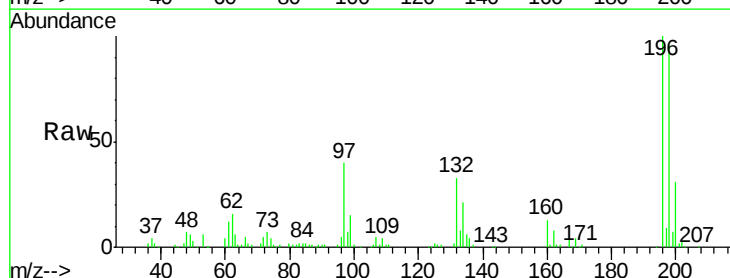


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

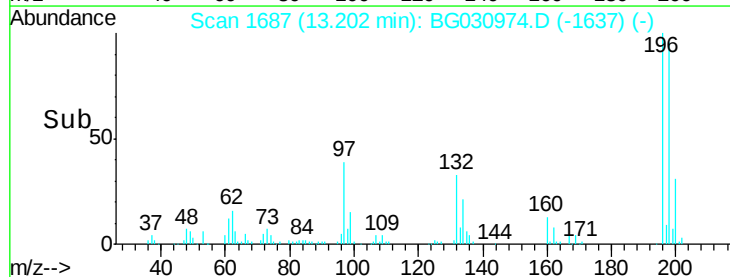
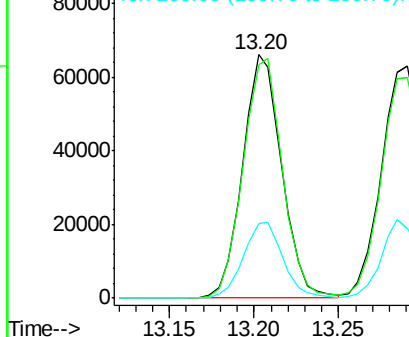


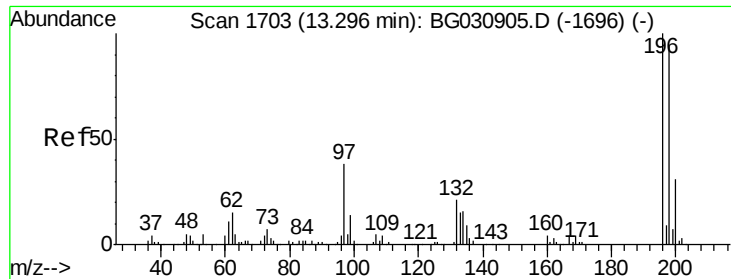
#42
 2,4,6-Trichlorophenol
 Concen: 29.77 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:196 Resp: 106557
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.2
 200 30.6 24.6 36.8



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

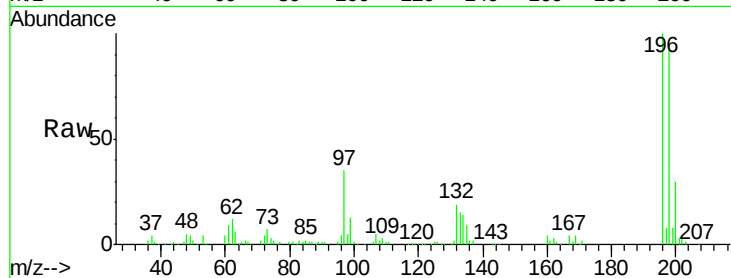




#43
 2,4,5-Trichlorophenol
 Concen: 29.37 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.2	114.4
97	35.0	38.7	58.1#
132	19.4	20.2	30.2#



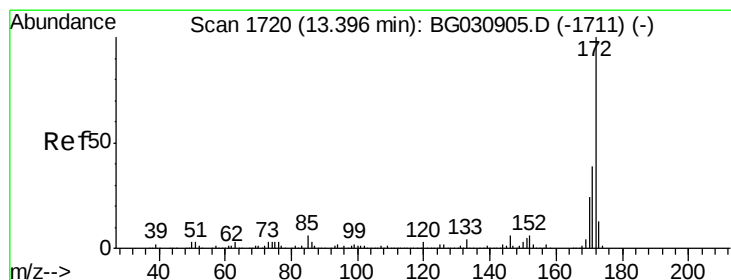
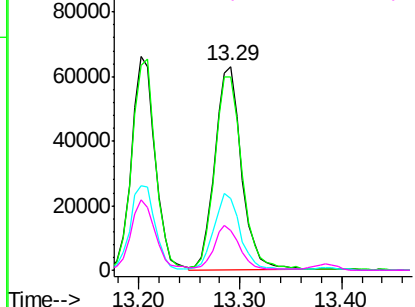
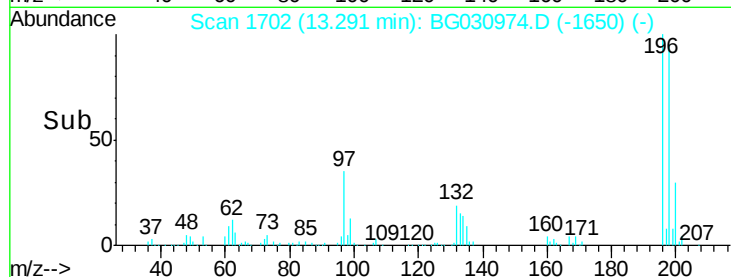
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

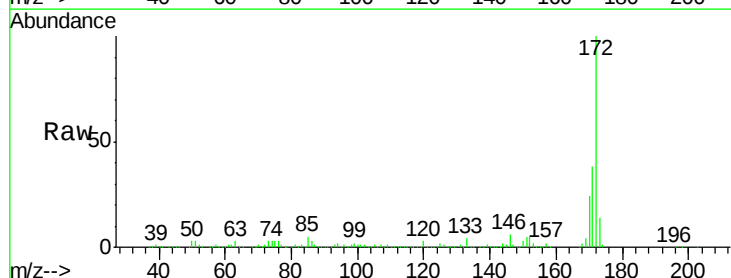
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 59.49 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.9	19.5	29.3

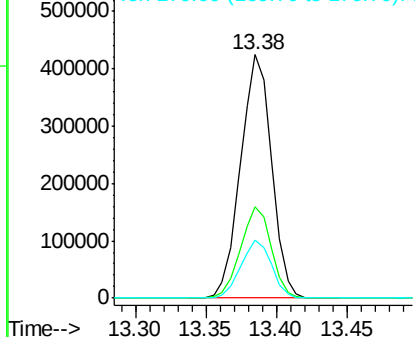
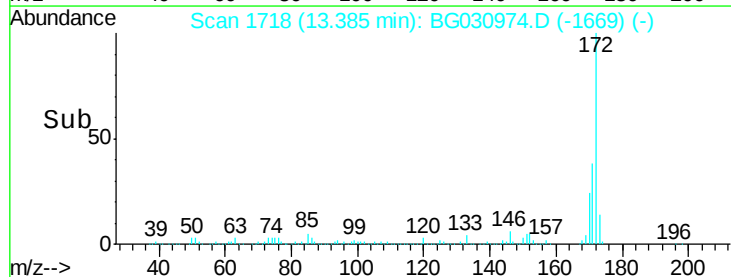


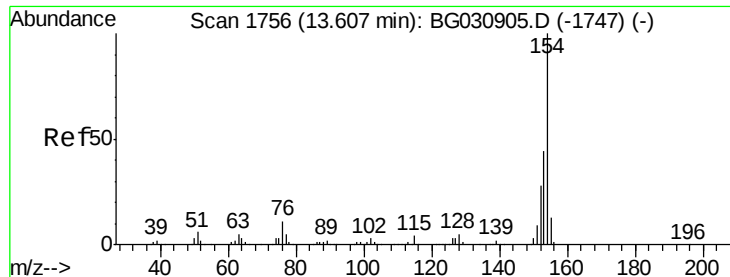
Abundance

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

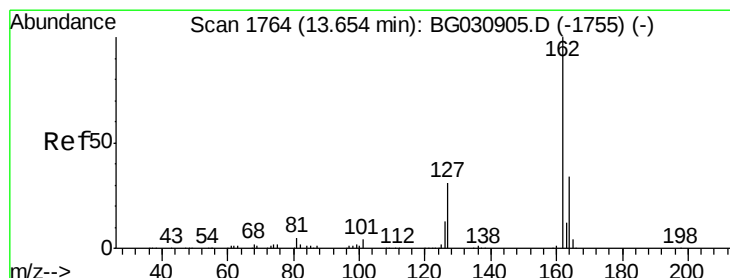
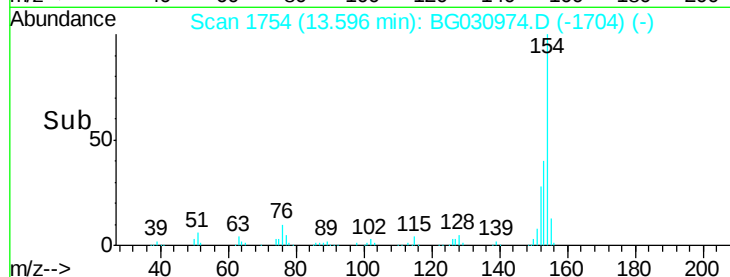
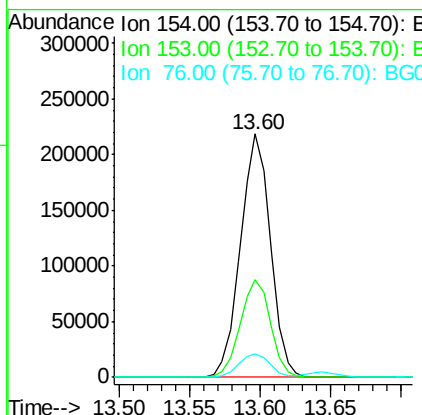
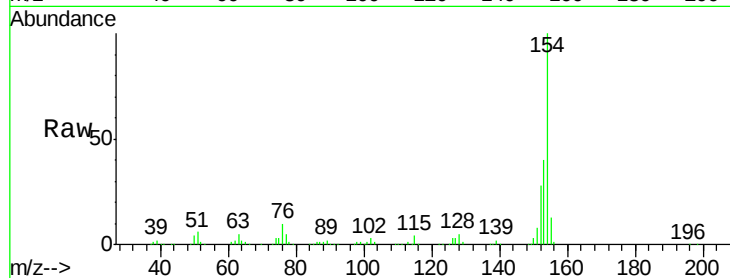




#45
 1,1'-Biphenyl
 Concen: 24.75 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

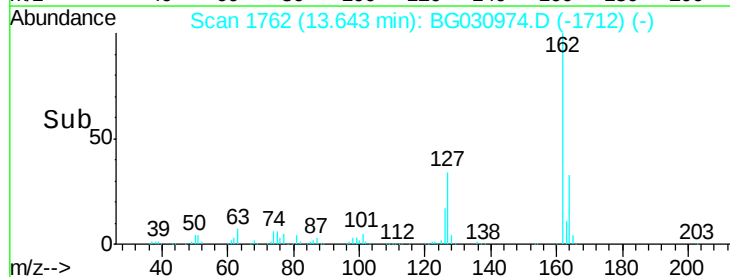
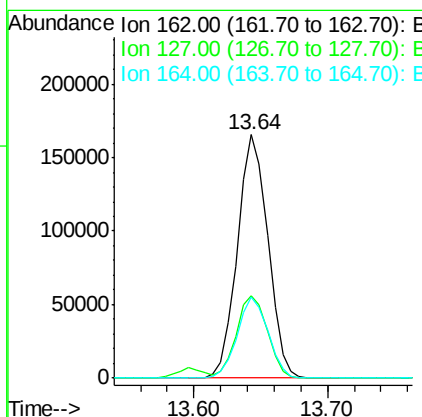
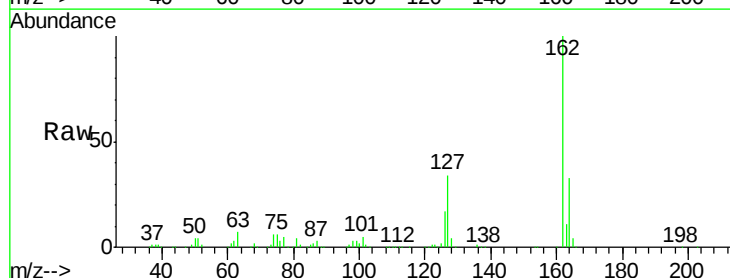
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

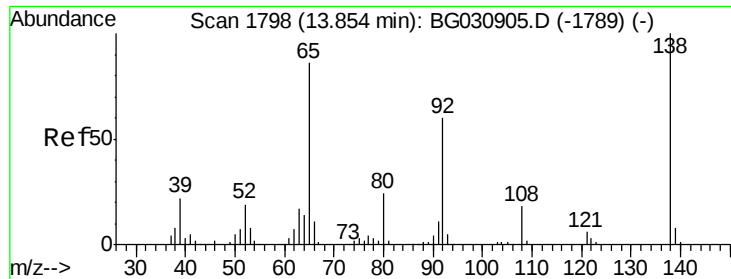
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.8	59.8
76	9.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 27.71 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	33.3	26.0	39.0

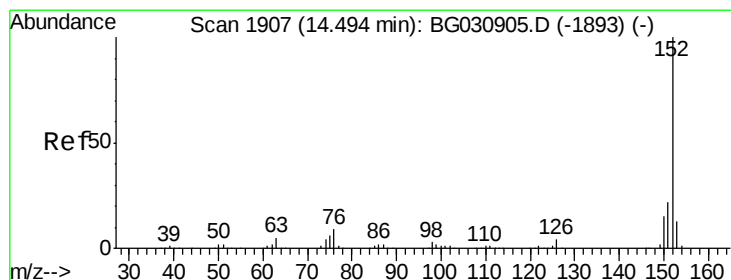
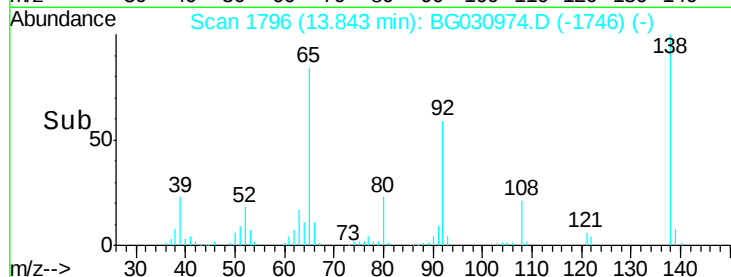
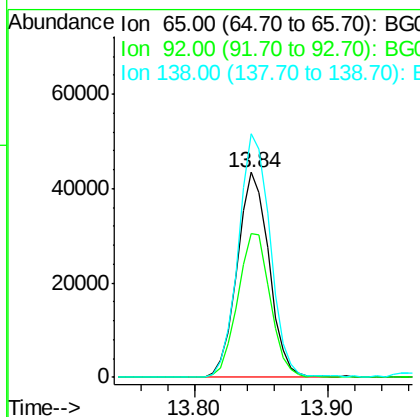
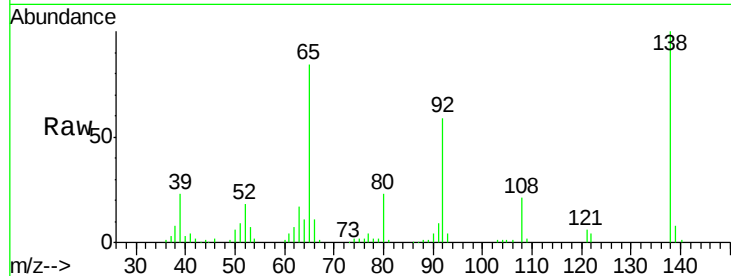




#47
2-Nitroaniline
Concen: 25.68 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

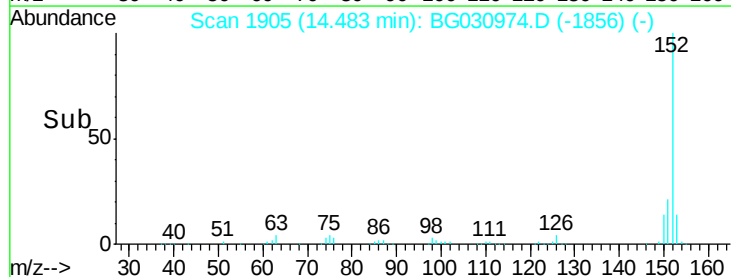
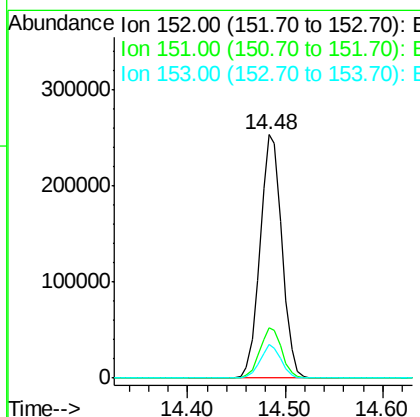
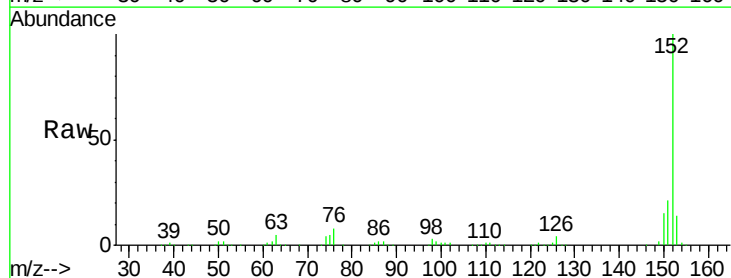
Instrument :
BNA_G
ClientSampleId :
PB104186BS

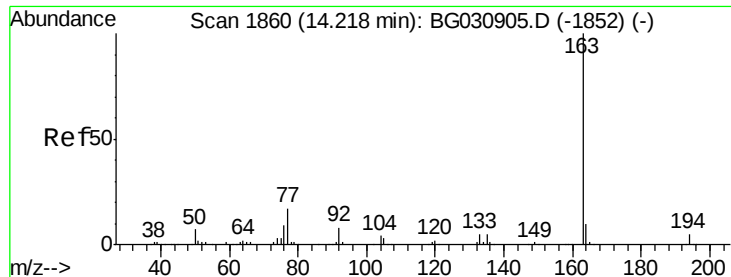
Tgt Ion: 65 Resp: 71841
Ion Ratio Lower Upper
65 100
92 69.9 54.6 82.0
138 118.8 72.9 109.3#



#48
Acenaphthylene
Concen: 25.99 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion: 152 Resp: 401546
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 26.34 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

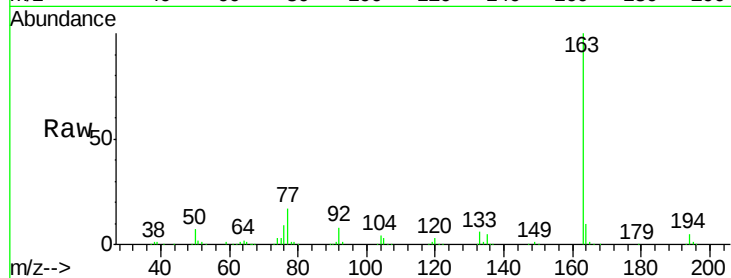
Tgt Ion:163 Resp: 359317

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

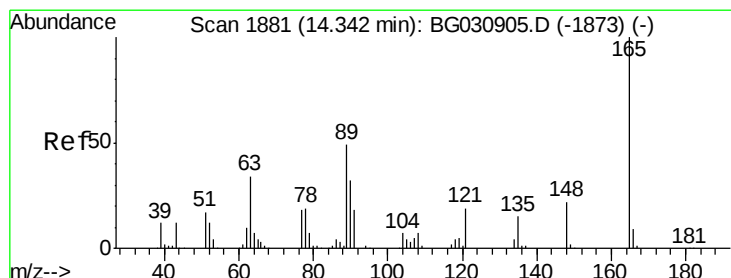
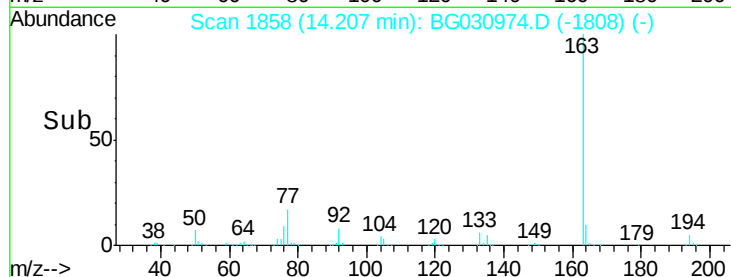
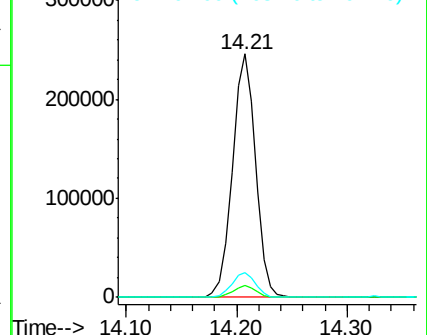
164 10.1 8.2 12.4



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: 27.99 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

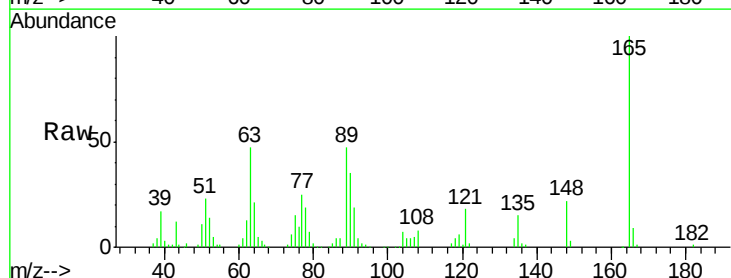
Tgt Ion:165 Resp: 78686

Ion Ratio Lower Upper

165 100

63 47.2 52.7 79.1#

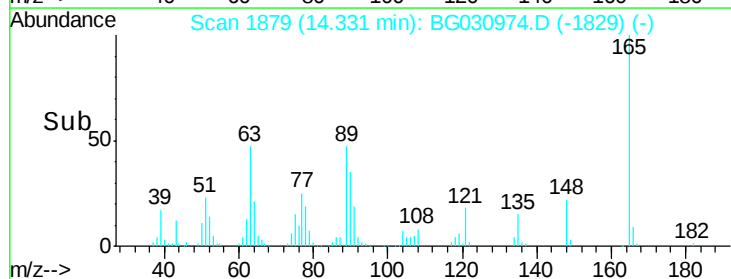
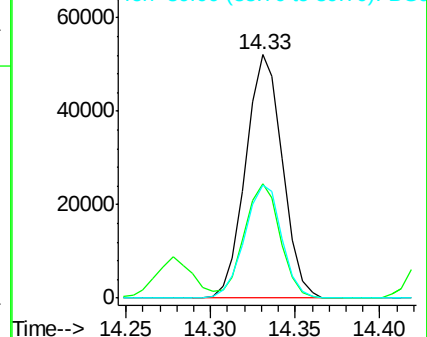
89 46.6 49.2 73.8#

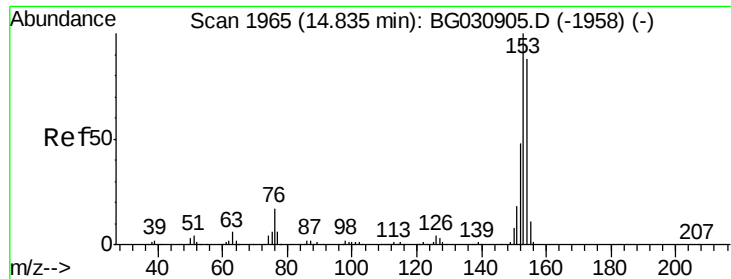


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 25.46 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

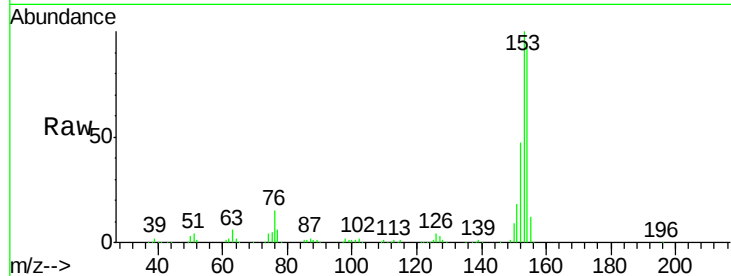
Tgt Ion:154 Resp: 245669

Ion Ratio Lower Upper

154 100

153 109.0 90.4 135.6

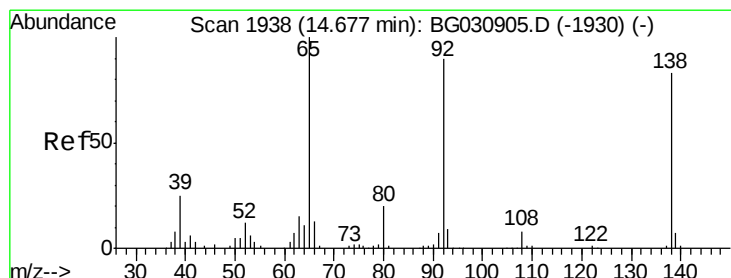
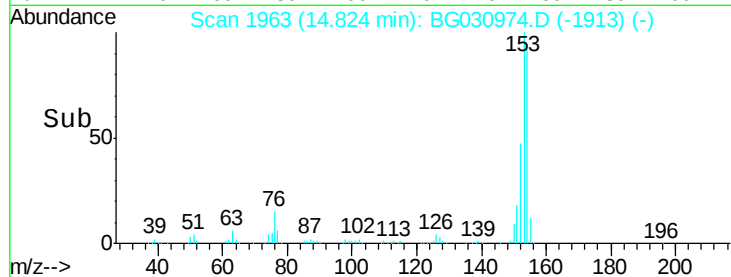
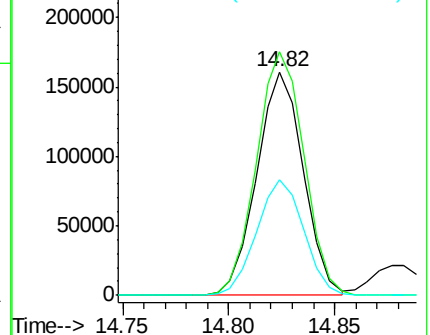
152 51.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.42 ng

RT: 14.67 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

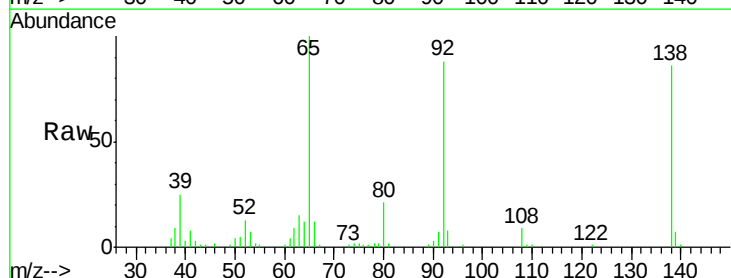
Tgt Ion:138 Resp: 40057

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

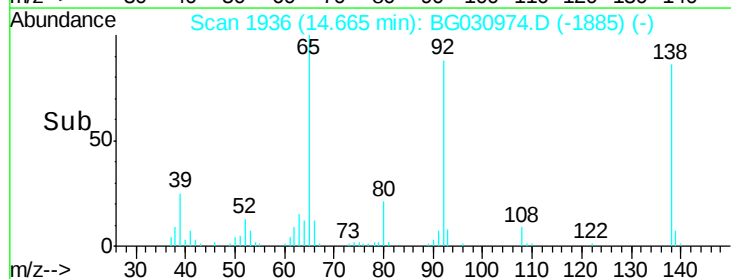
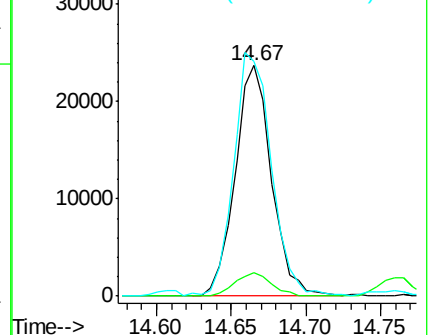
92 101.9 105.8 158.8#

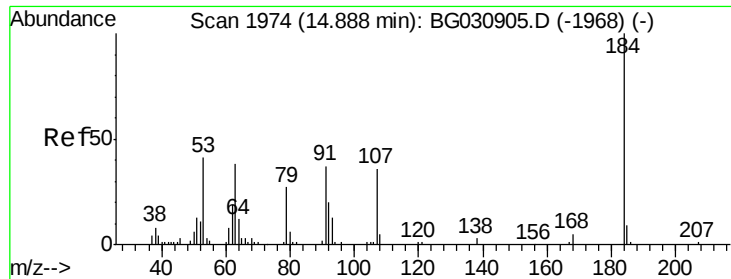


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

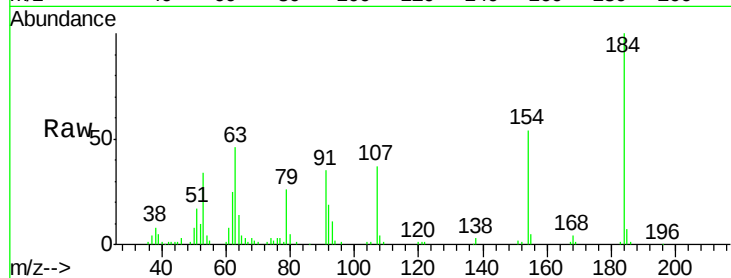




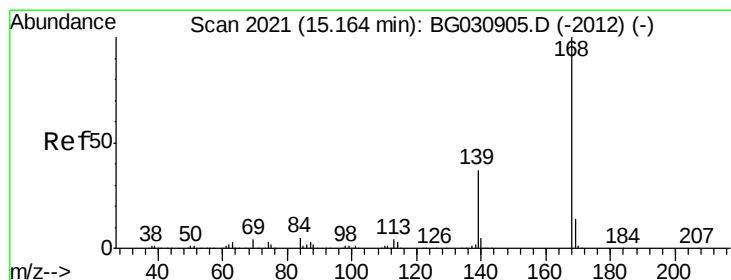
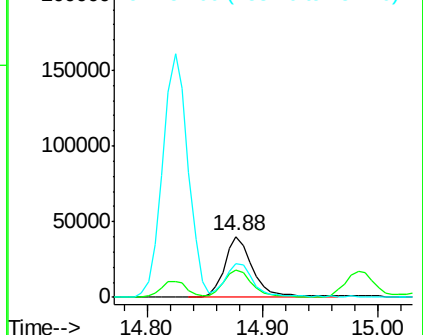
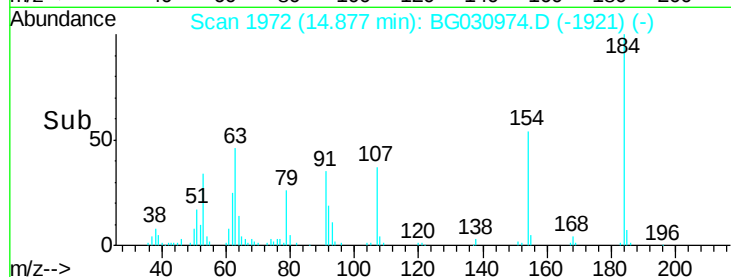
#53
2,4-Dinitrophenol
Concen: 47.34 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tgt Ion:184 Resp: 69221
Ion Ratio Lower Upper
184 100
63 45.5 59.8 89.8#
154 54.2 101.8 152.8#

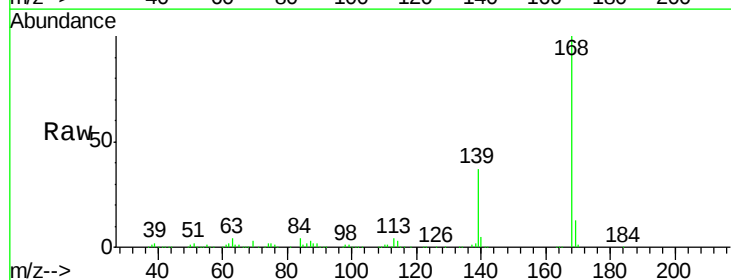


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

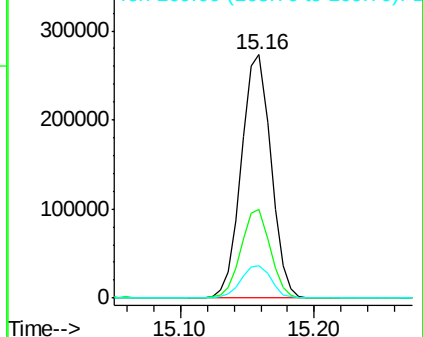
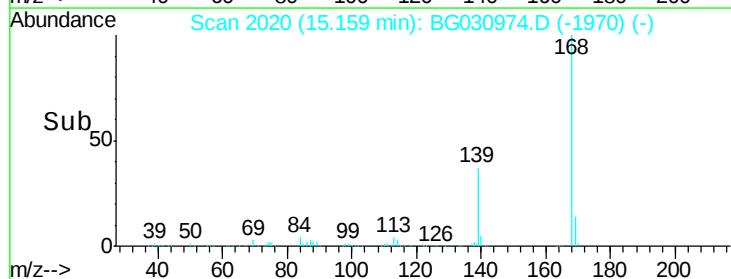


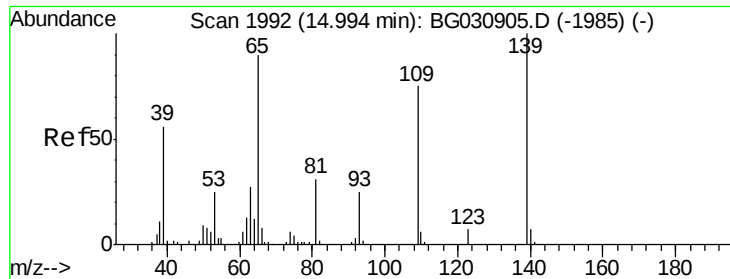
#54
Dibenzofuran
Concen: 27.30 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:168 Resp: 419507
Ion Ratio Lower Upper
168 100
139 36.5 28.6 43.0
169 13.5 11.2 16.8



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

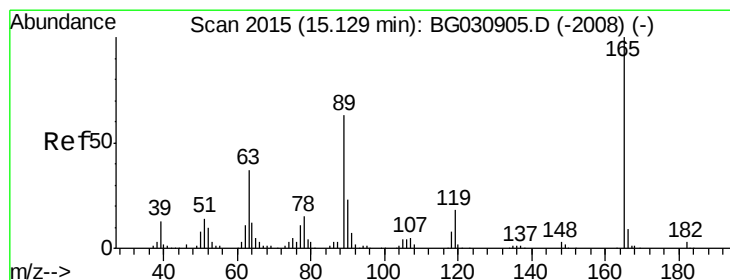
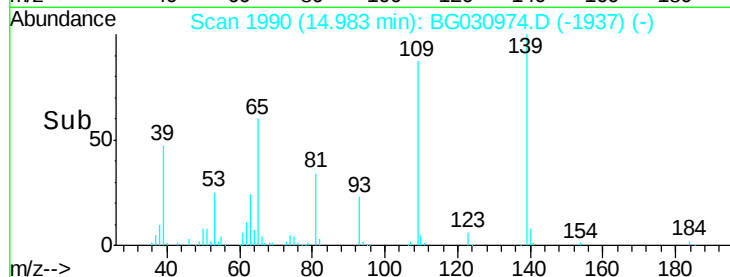
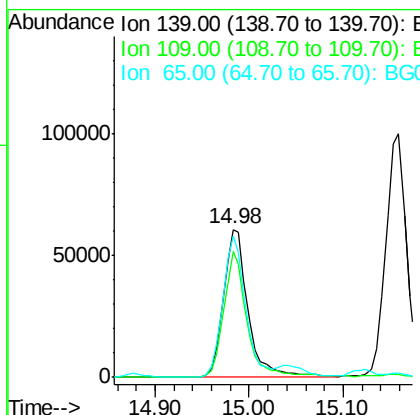
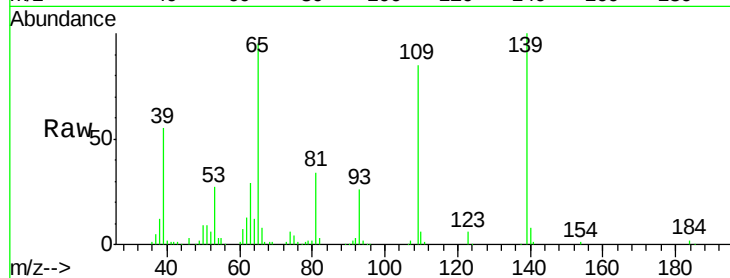




#55
4-Nitrophenol
Concen: 52.50 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

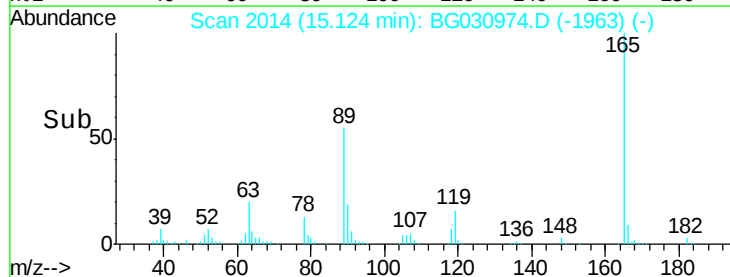
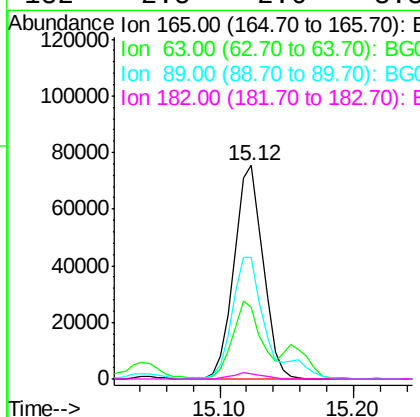
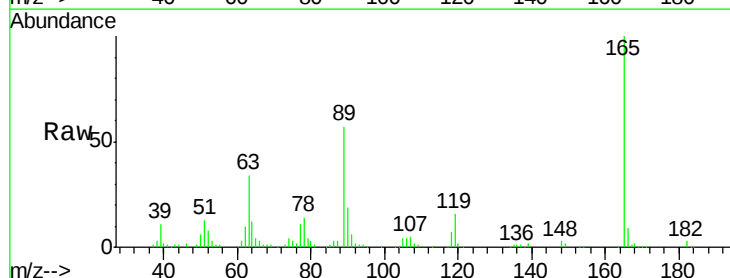
Instrument :
BNA_G
ClientSampleId :
PB104186BS

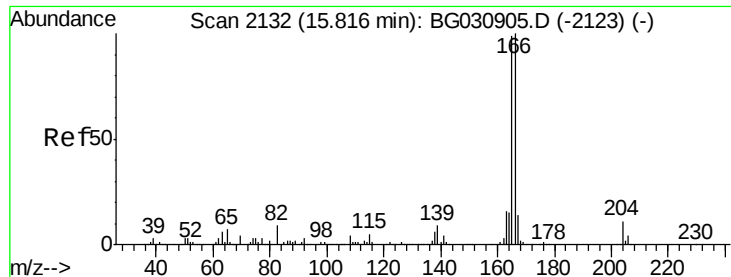
Tgt Ion:139 Resp: 111636
Ion Ratio Lower Upper
139 100
109 84.7 62.2 102.2
65 95.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 27.98 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:165 Resp: 113724
Ion Ratio Lower Upper
165 100
63 33.8 42.0 63.0#
89 57.2 66.9 100.3#
182 2.5 2.6 3.8#

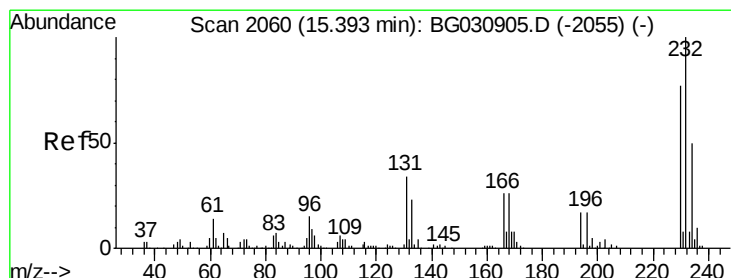
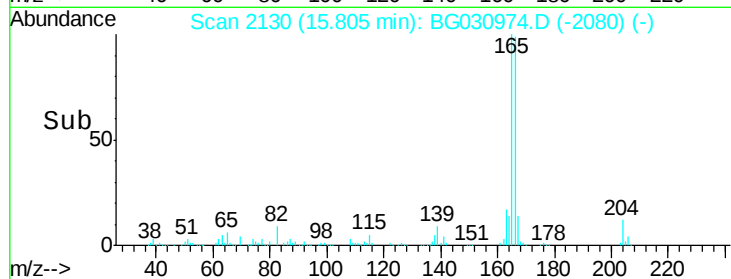
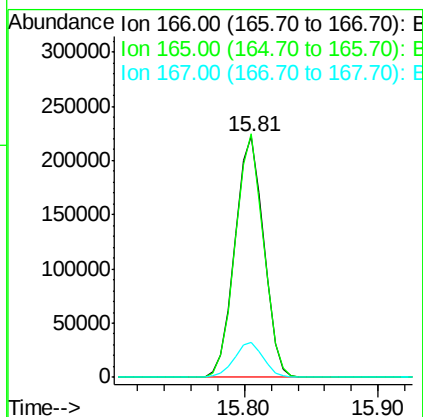
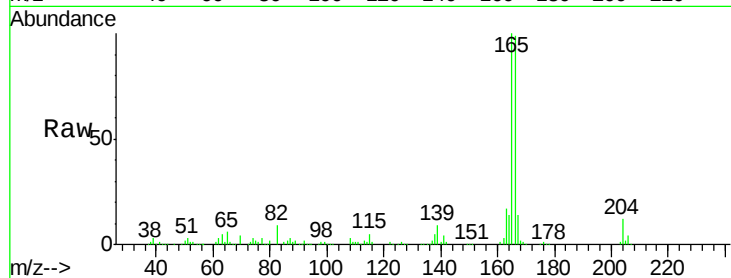




#57
 Fluorene
 Concen: 26.67 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

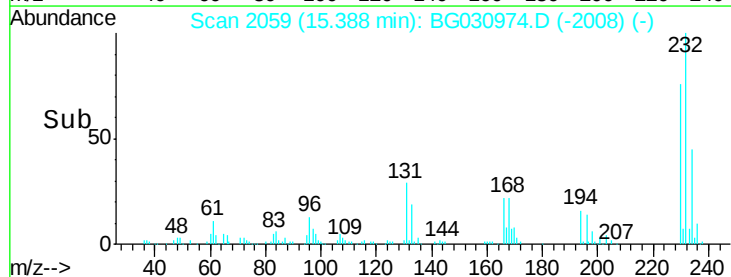
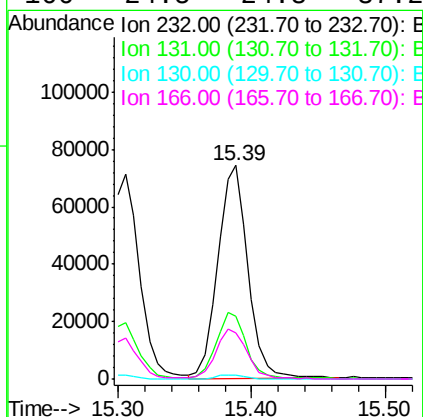
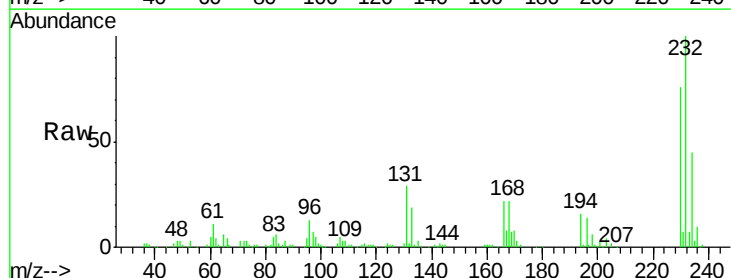
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

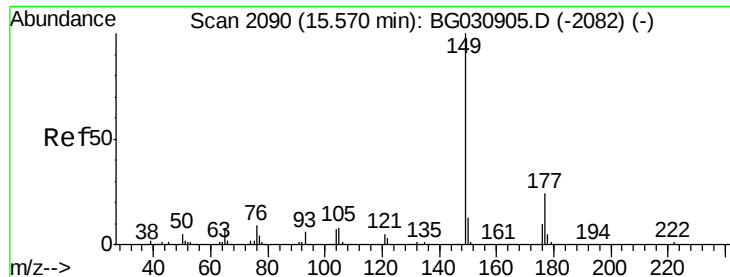
Tgt Ion:166 Resp: 332666
 Ion Ratio Lower Upper
 166 100
 165 101.2 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.29 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:232 Resp: 116793
 Ion Ratio Lower Upper
 232 100
 131 30.5 33.5 50.3#
 130 1.9 2.2 3.2#
 166 24.5 24.8 37.2#

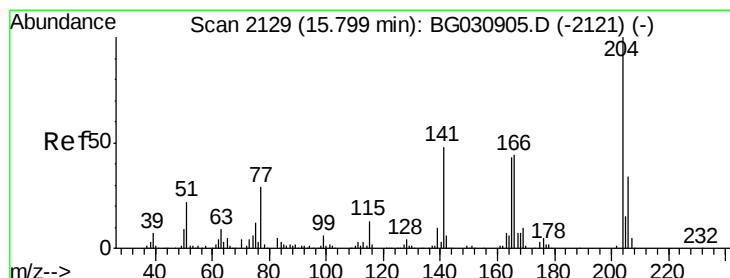
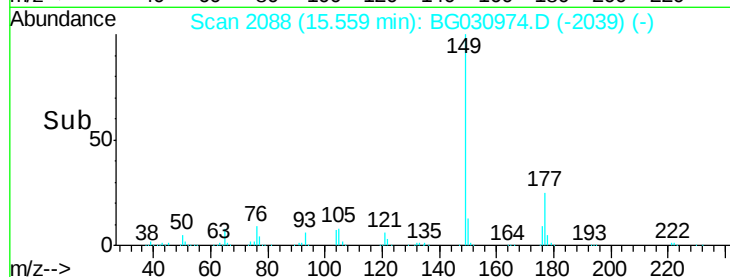
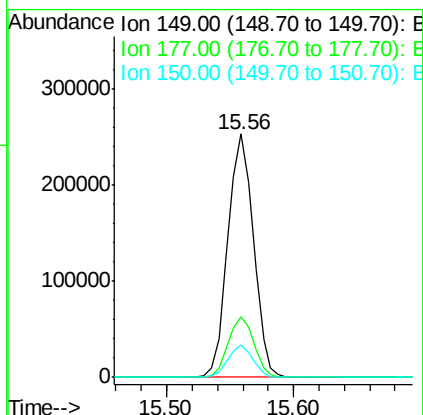
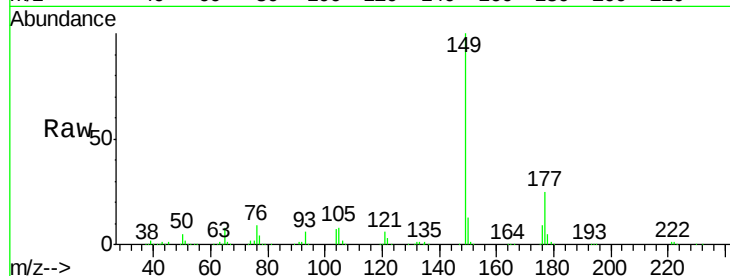




#59
Diethylphthalate
Concen: 25.47 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

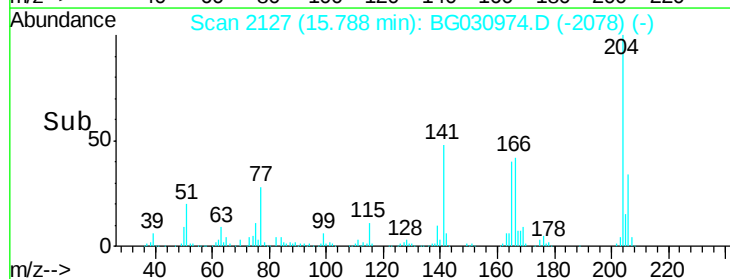
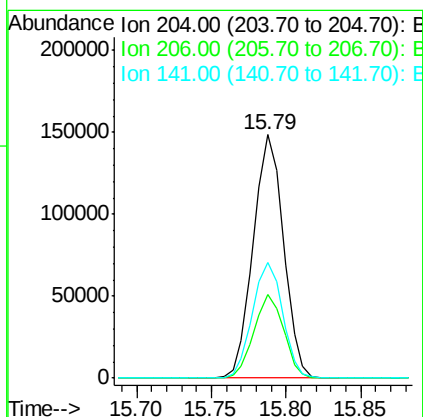
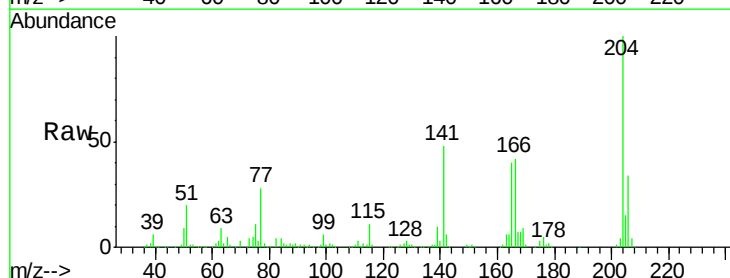
Instrument :
BNA_G
ClientSampleId :
PB104186BS

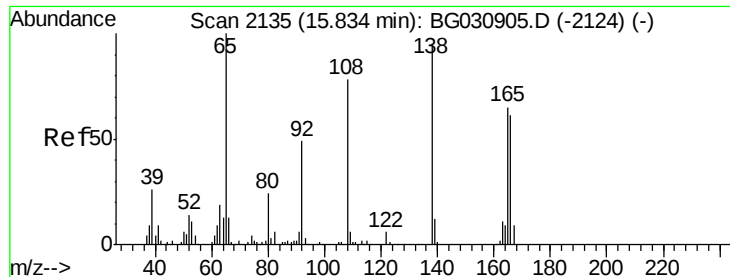
Tgt Ion:149 Resp: 352866
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 27.57 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:204 Resp: 207730
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 47.5 45.8 68.6





#61

4-Nitroaniline

Concen: 24.56 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

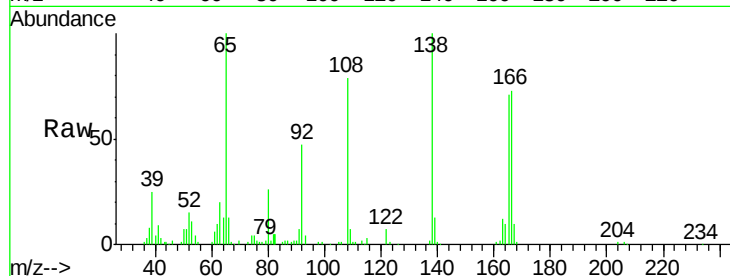
Tgt Ion:138 Resp: 77625

Ion Ratio Lower Upper

138 100

92 46.8 40.1 80.1

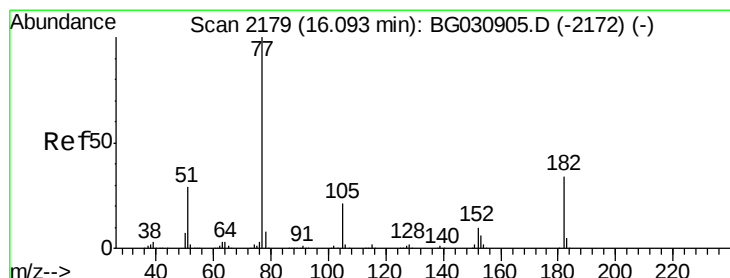
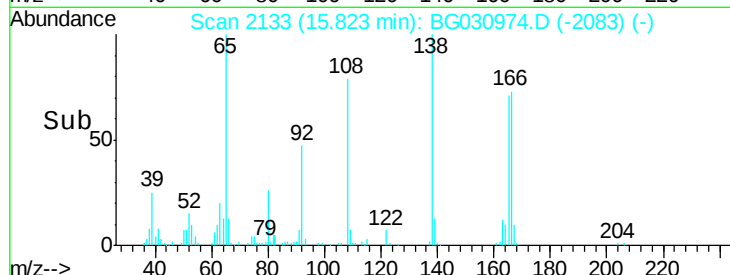
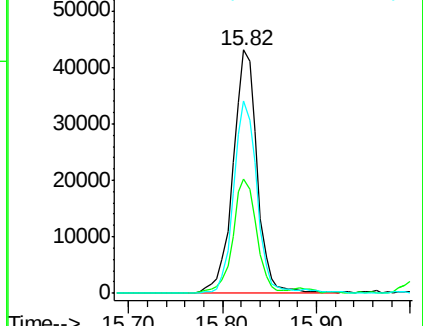
108 79.3 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 26.11 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Tgt Ion: 77 Resp: 275849

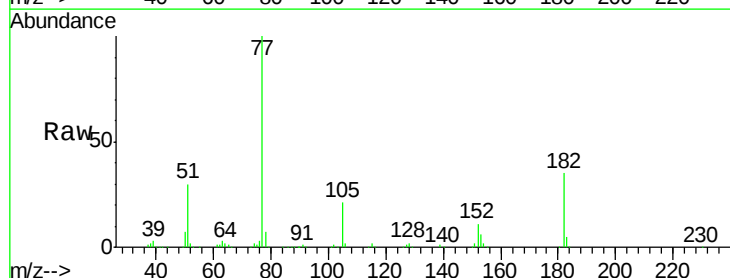
Ion Ratio Lower Upper

77 100

182 34.5 7.4 47.4

105 20.5 0.3 40.3

51 30.0 11.6 51.6

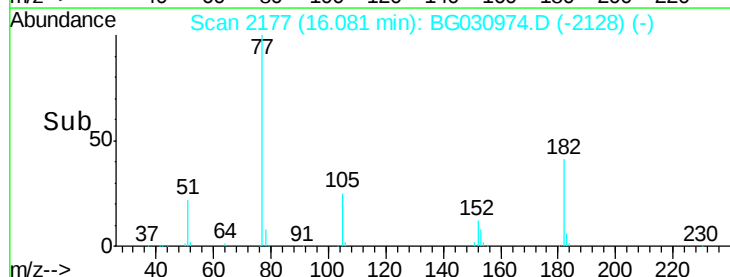
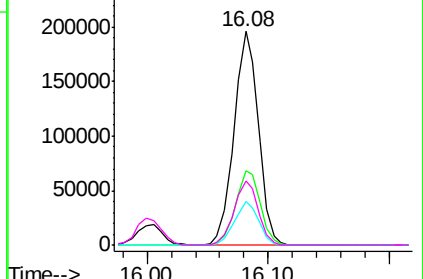


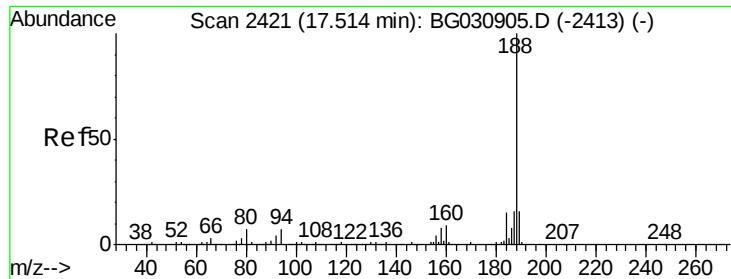
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

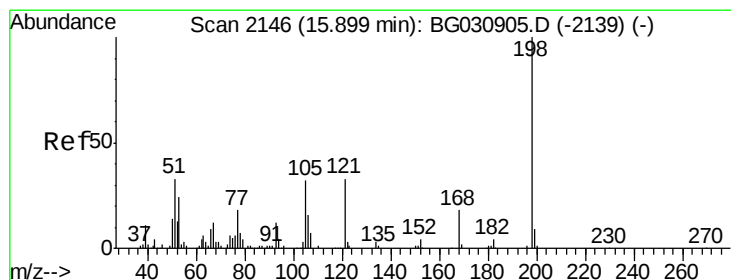
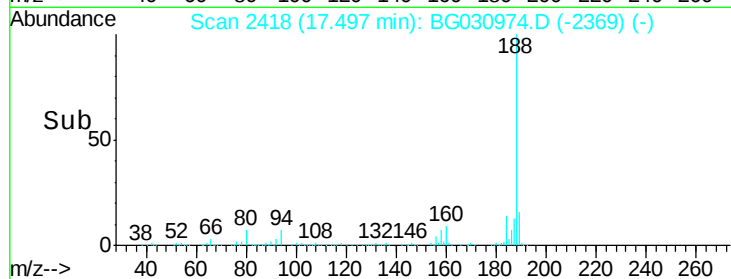
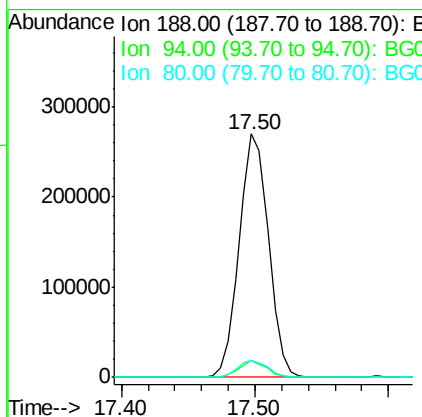
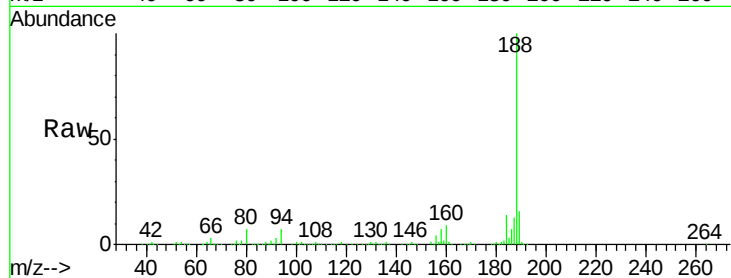




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

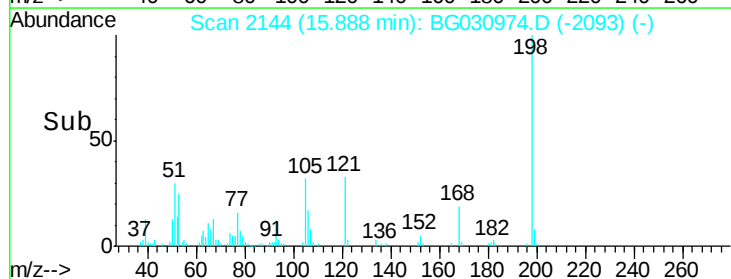
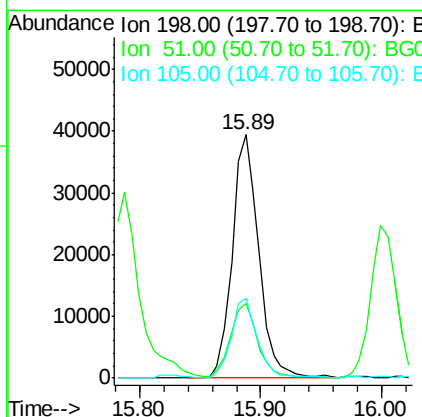
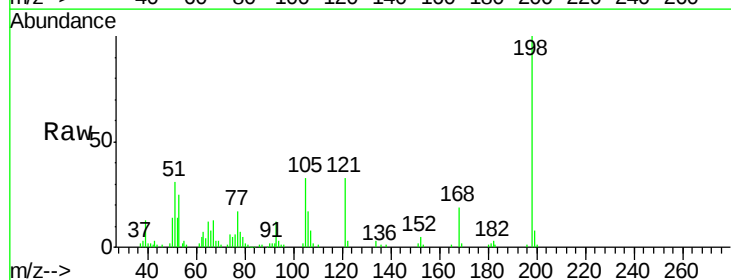
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

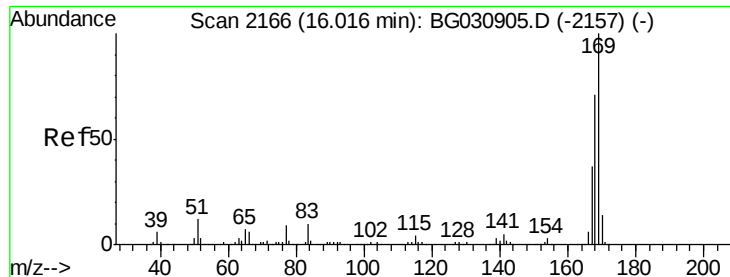
Tgt Ion:188 Resp: 409181
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 6.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.19 ng
 RT: 15.89 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:198 Resp: 60352
 Ion Ratio Lower Upper
 198 100
 51 30.6 30.6 70.6#
 105 33.0 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 25.03 ng

RT: 16.01 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

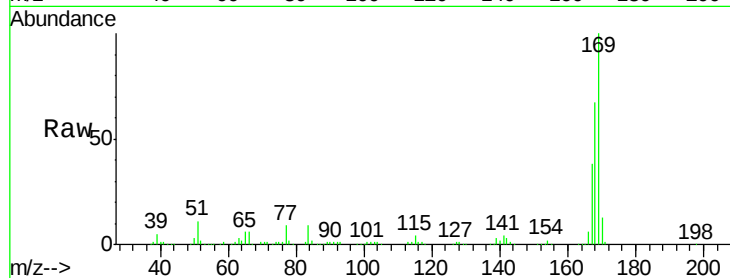
Tgt Ion:169 Resp: 310294

Ion Ratio Lower Upper

169 100

168 67.1 55.7 83.5

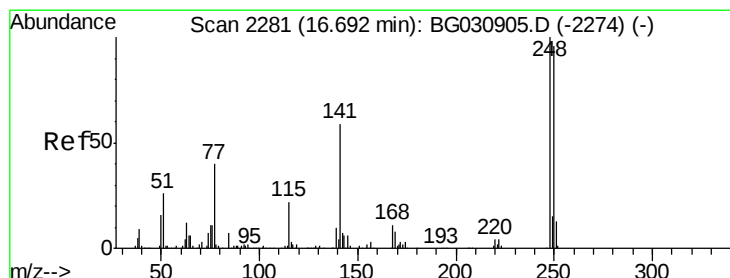
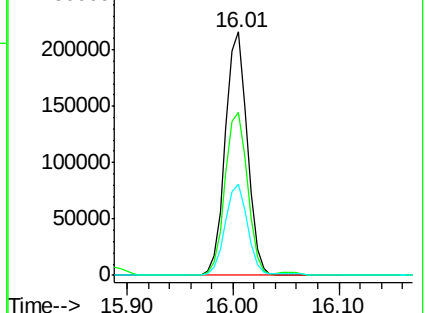
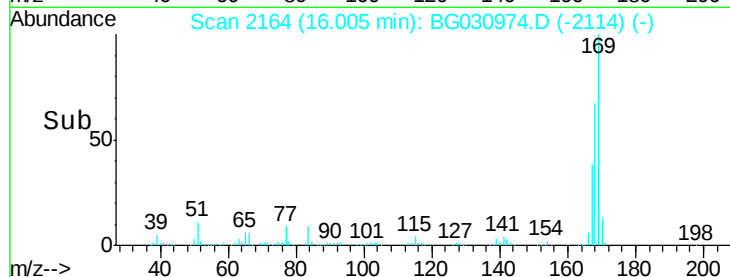
167 37.7 30.1 45.1



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: 28.69 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

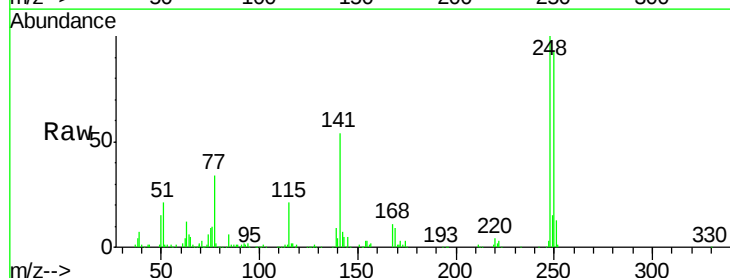
Tgt Ion:248 Resp: 148670

Ion Ratio Lower Upper

248 100

250 92.6 77.1 115.7

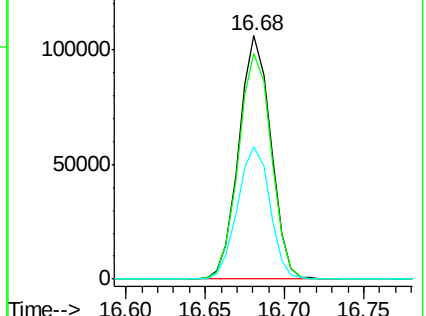
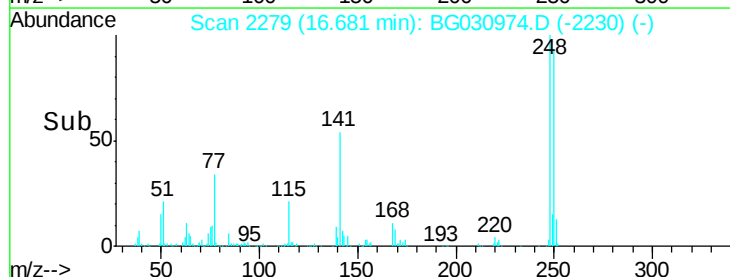
141 54.1 50.8 76.2

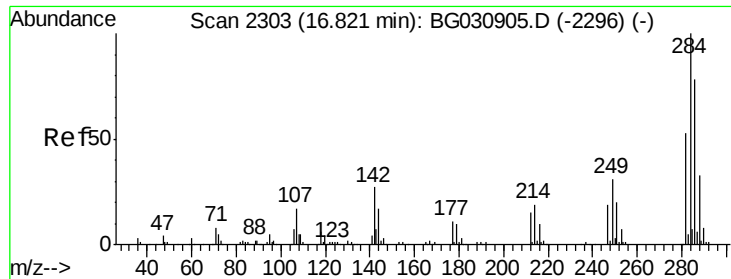


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.28 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

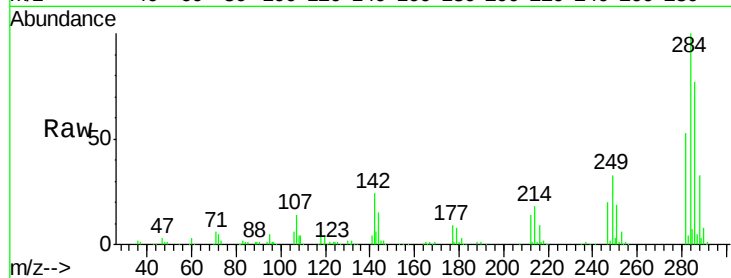
Tgt Ion:284 Resp: 155709

Ion Ratio Lower Upper

284 100

142 24.4 26.8 40.2#

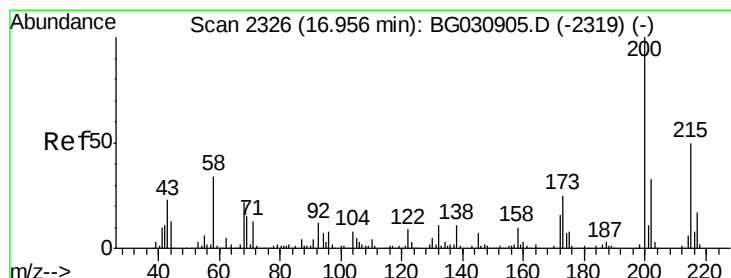
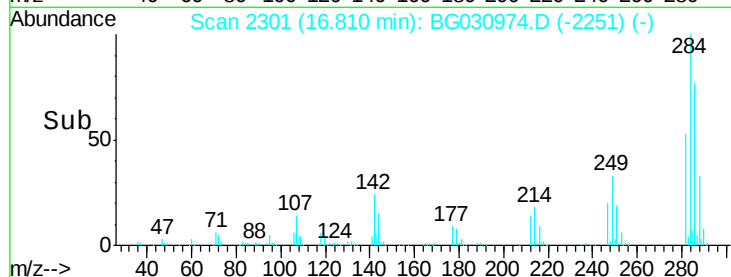
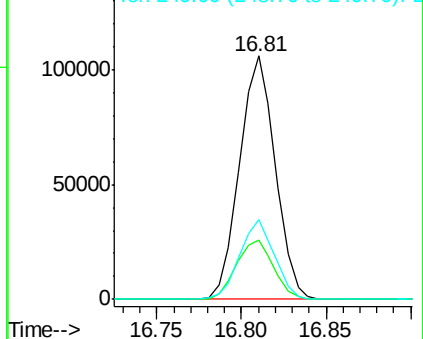
249 32.8 26.3 39.5



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: 26.12 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

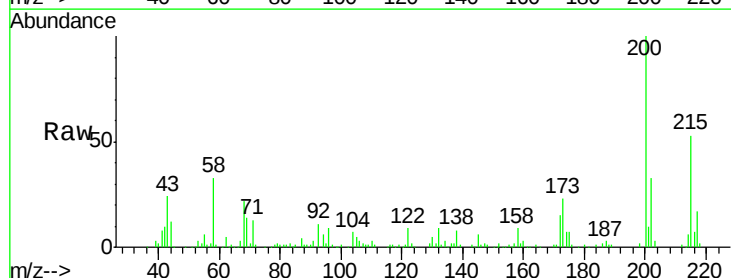
Tgt Ion:200 Resp: 133634

Ion Ratio Lower Upper

200 100

173 23.3 5.2 45.2

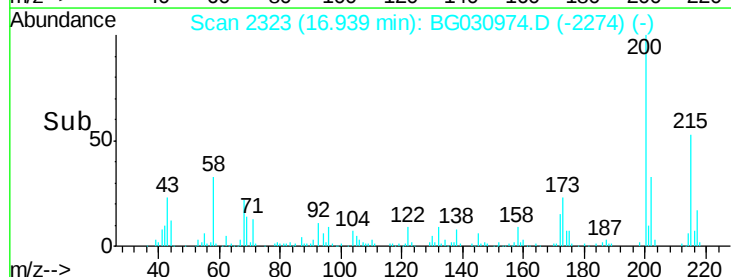
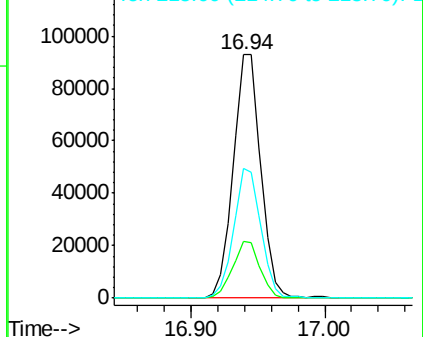
215 53.0 30.4 70.4

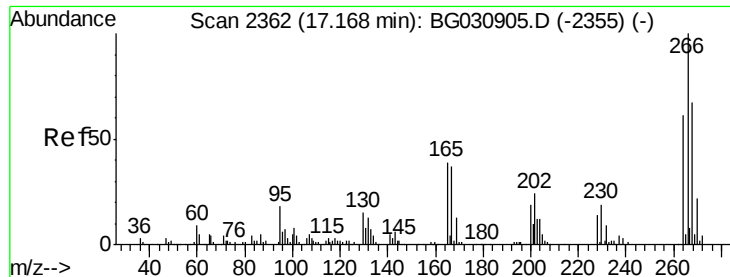


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

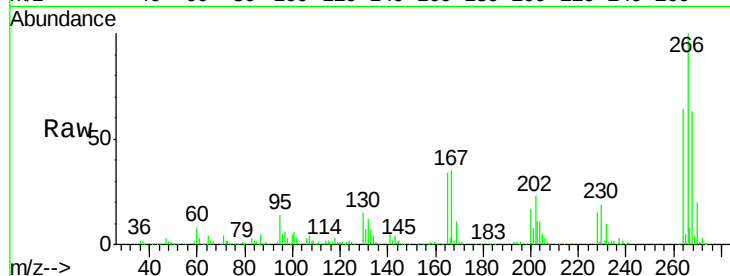




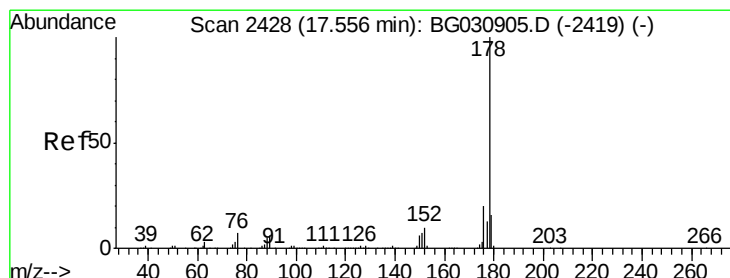
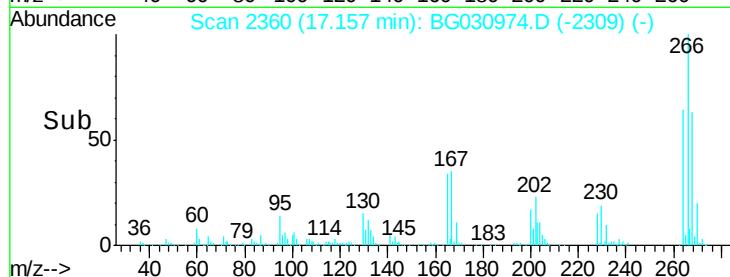
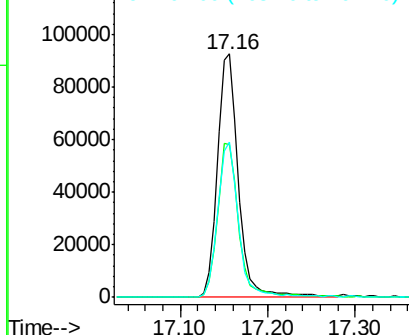
#69
 Pentachlorophenol
 Concen: 50.80 ng
 RT: 17.16 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	63.6	49.6	74.4

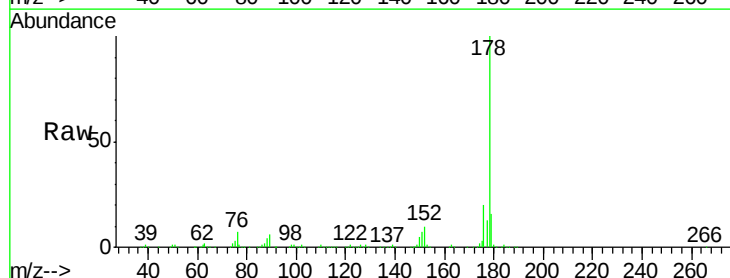


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

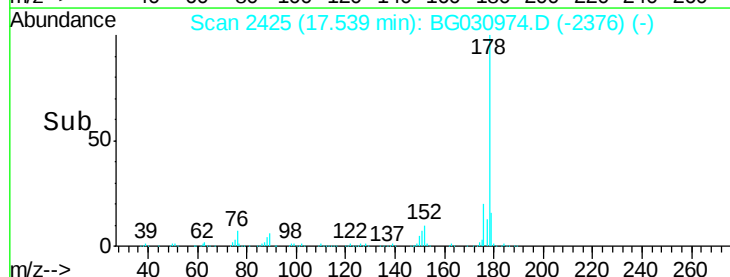
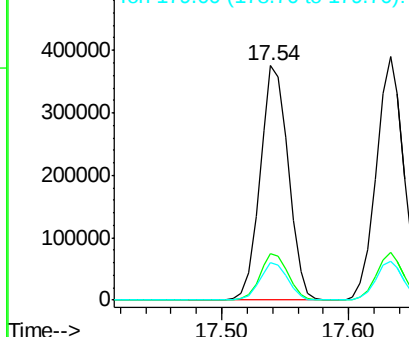


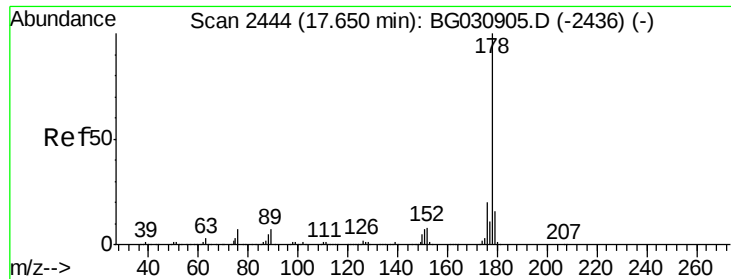
#70
 Phenanthrene
 Concen: 27.24 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.2	12.5	18.7



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

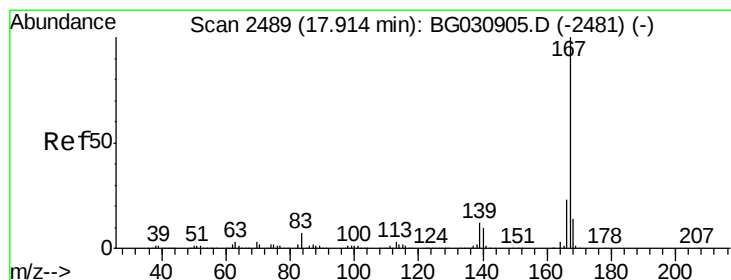
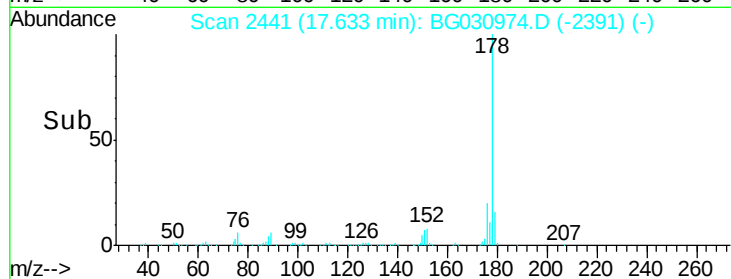
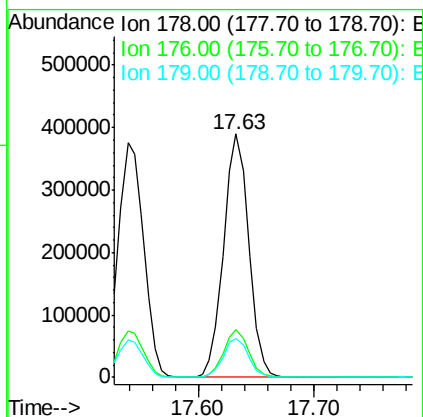
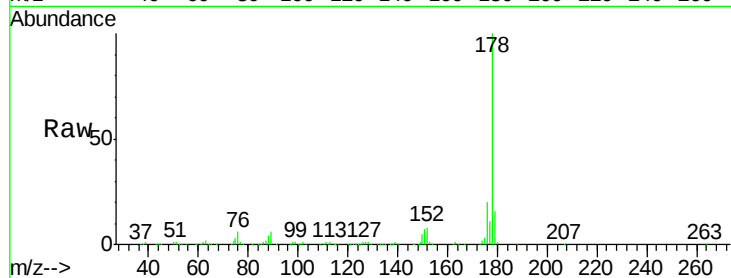




#71
 Anthracene
 Concen: 27.55 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

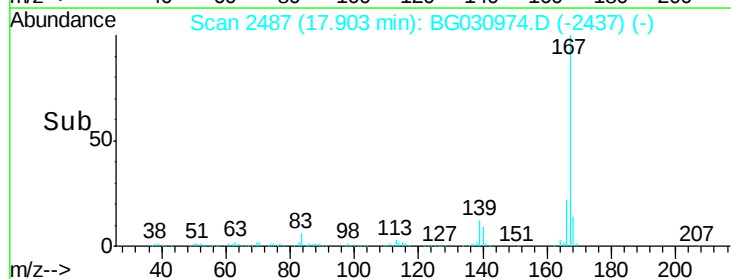
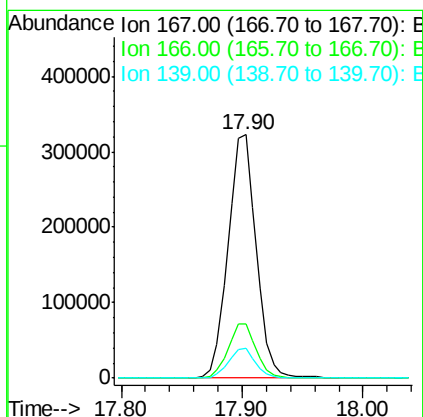
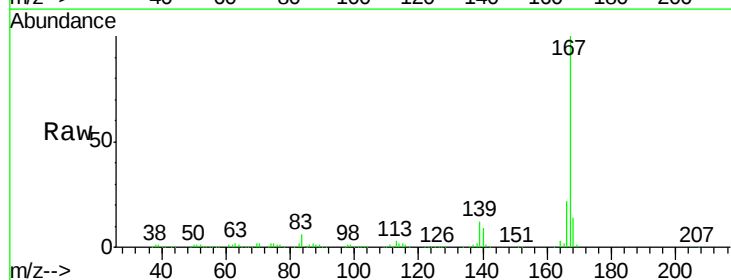
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

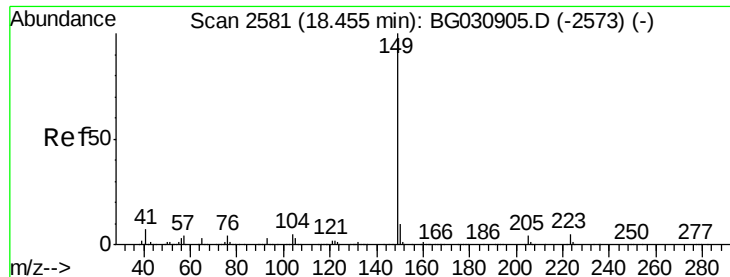
Tgt Ion:178 Resp: 588144
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 26.18 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:167 Resp: 523662
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 12.1 9.4 14.2

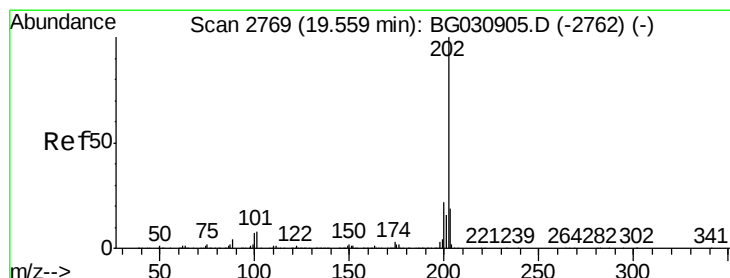
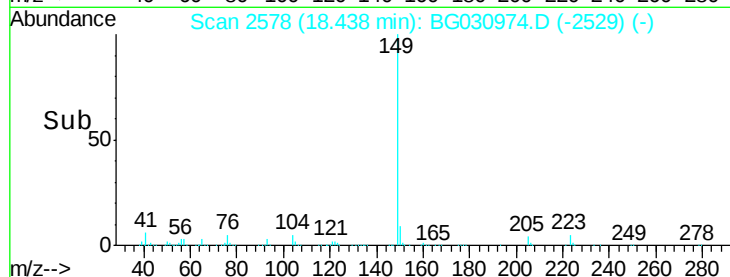
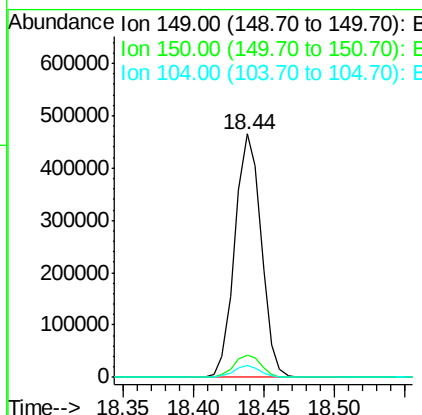
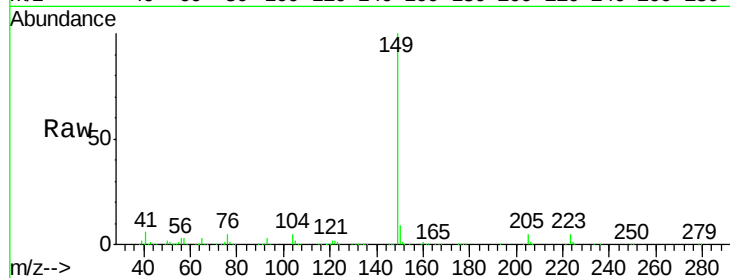




#73
Di-n-butylphthalate
Concen: 24.71 ng
RT: 18.44 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

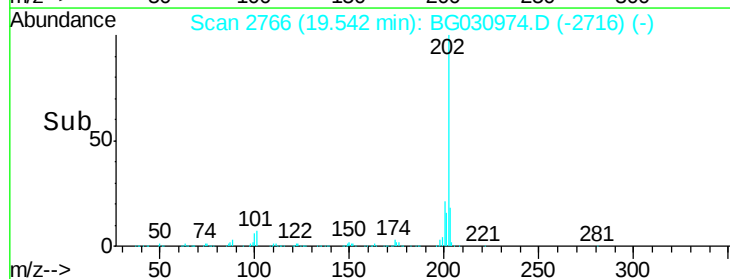
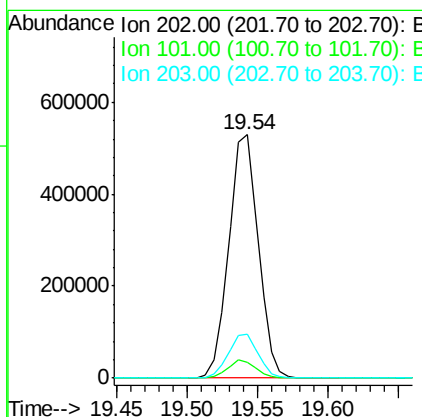
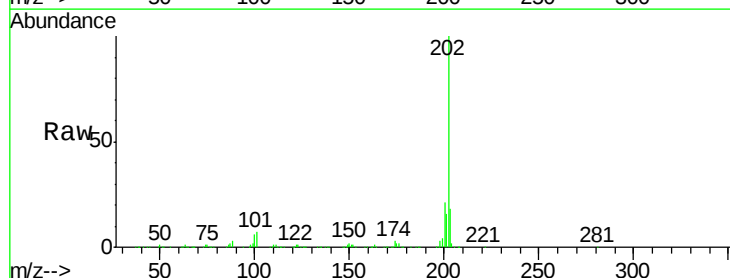
Instrument :
BNA_G
ClientSampleId :
PB104186BS

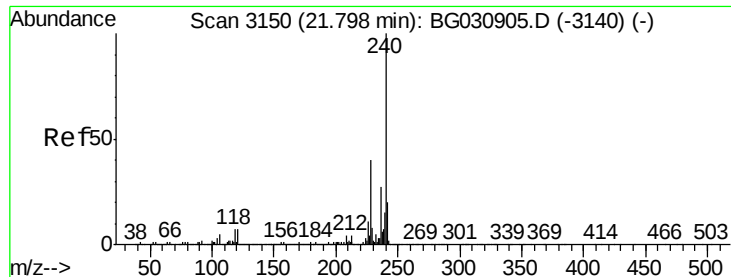
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	3.9	5.9



#74
Fluoranthene
Concen: 28.54 ng
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.9
203	18.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

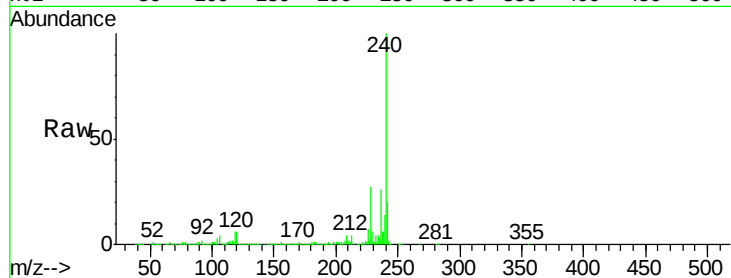
Tgt Ion:240 Resp: 485648

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

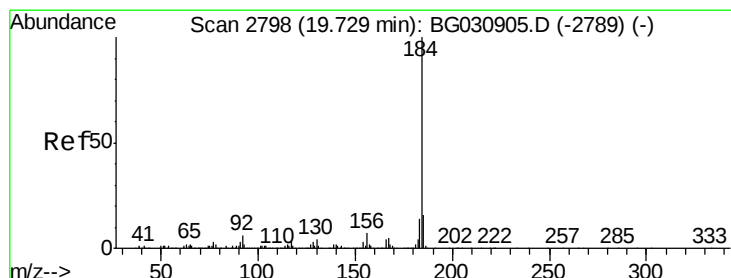
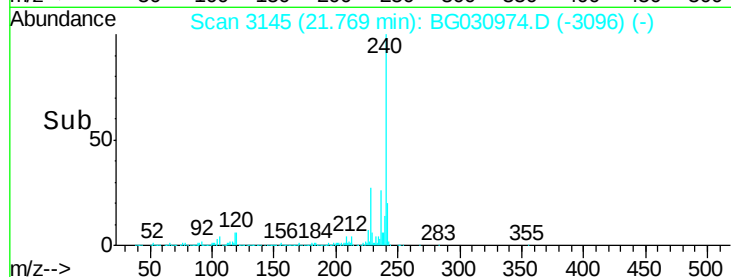
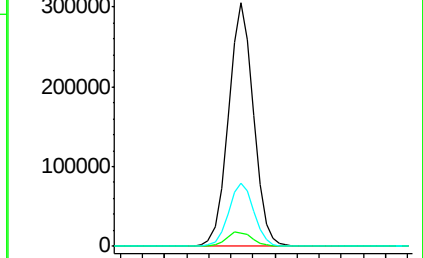
236 26.2 20.9 31.3



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: 15.95 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

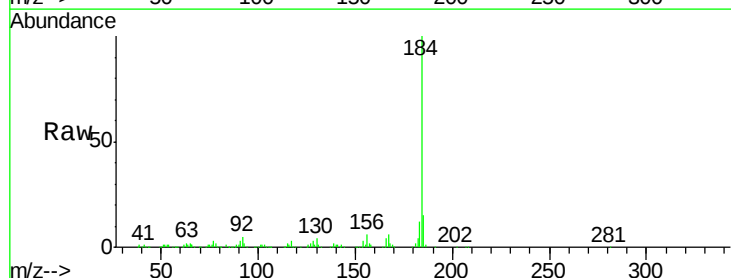
Tgt Ion:184 Resp: 248803

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

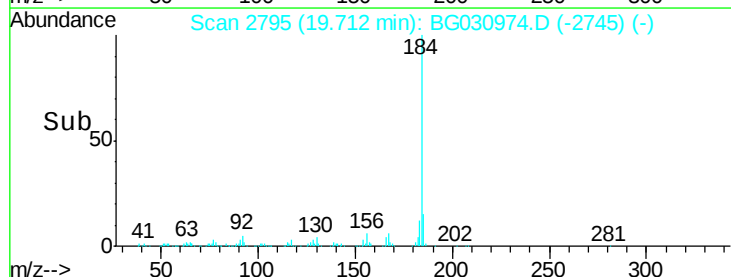
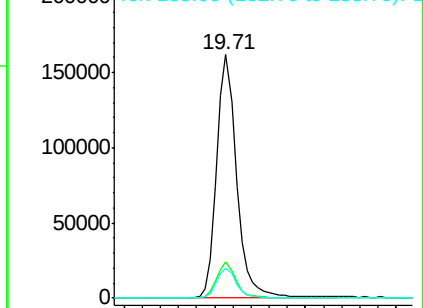
183 12.3 10.6 16.0

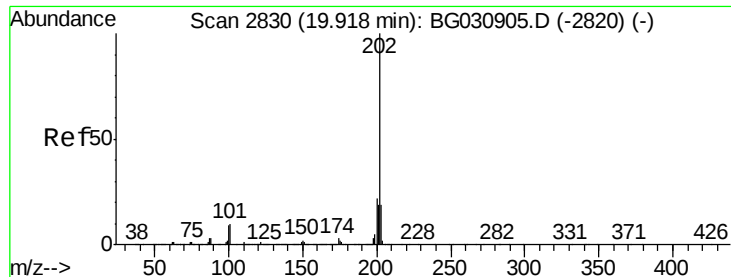


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

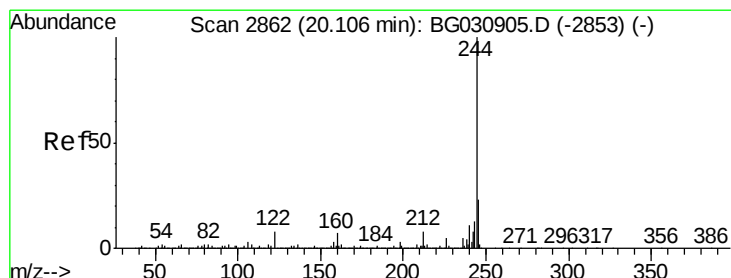
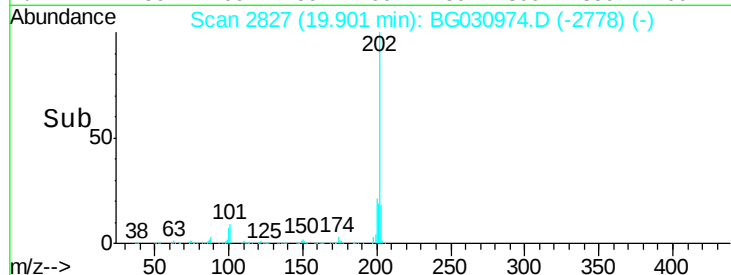
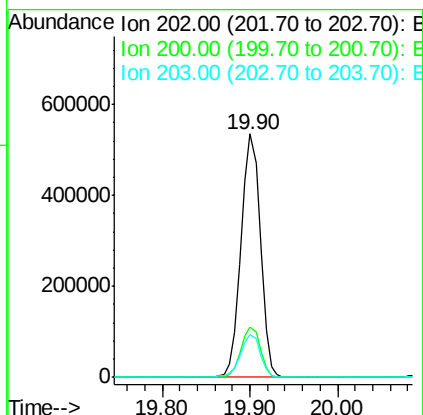
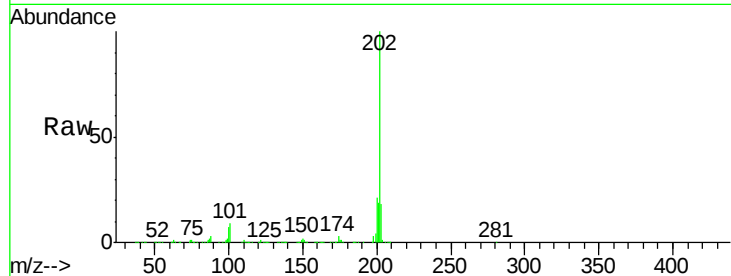




#77
 Pyrene
 Concen: 27.36 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

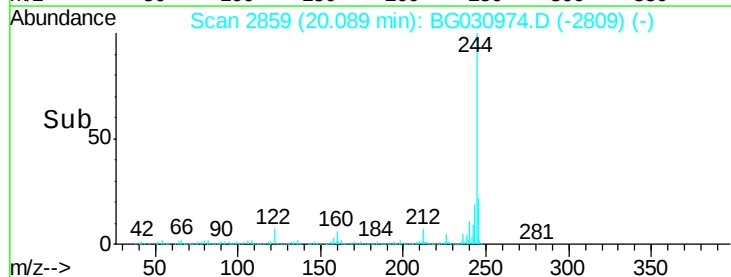
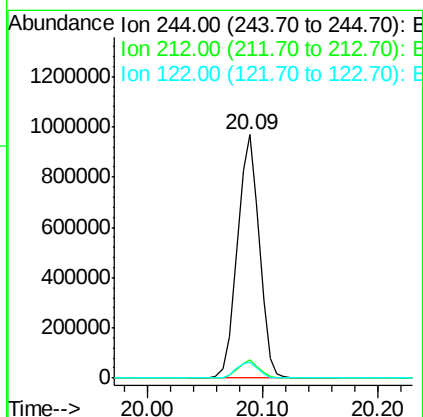
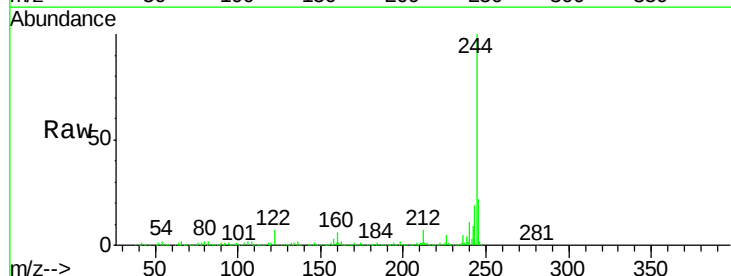
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

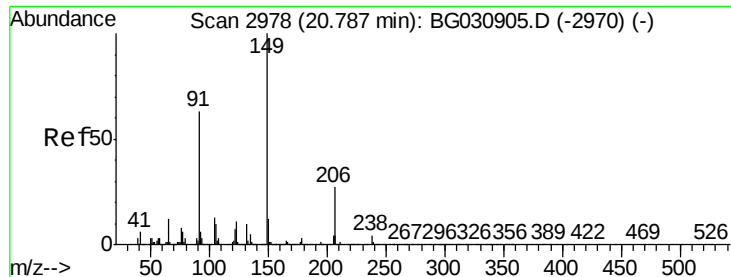
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.8	13.9	20.9



#78
 Terphenyl-d14
 Concen: 57.38 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	6.6	7.0	10.4





#79

Butylbenzylphthalate

Concen: 24.66 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

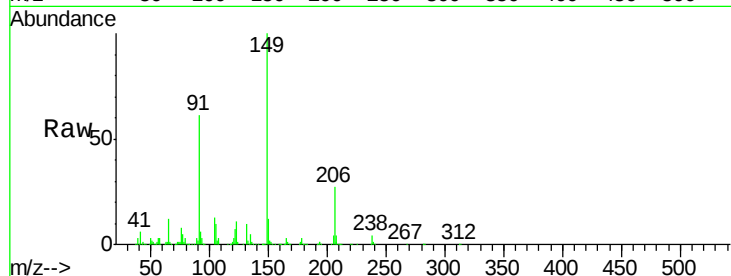
Tgt Ion:149 Resp: 283358

Ion Ratio Lower Upper

149 100

91 61.4 62.2 93.2#

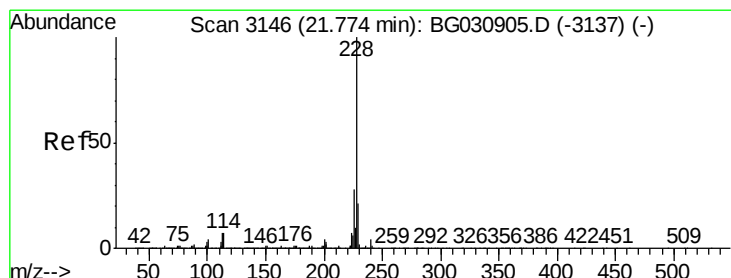
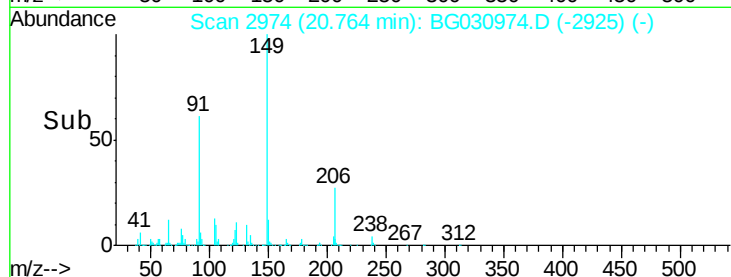
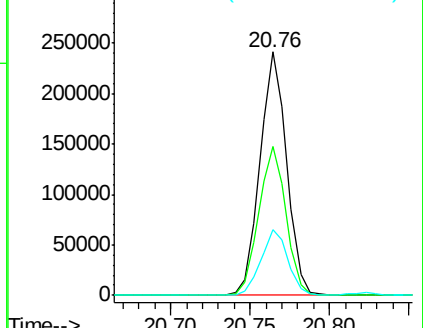
206 26.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 27.03 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

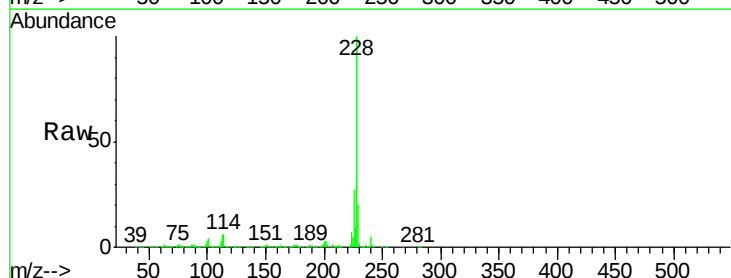
Tgt Ion:228 Resp: 815494

Ion Ratio Lower Upper

228 100

226 27.5 22.7 34.1

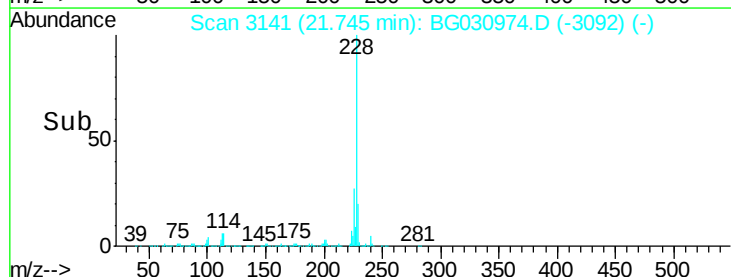
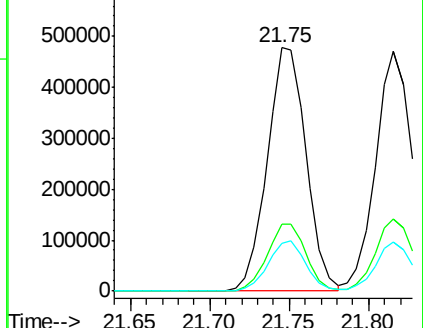
229 19.9 16.2 24.2

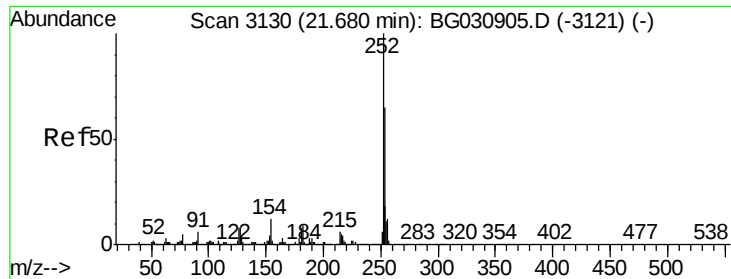


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

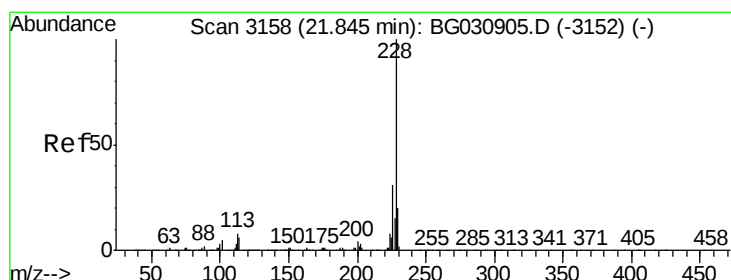
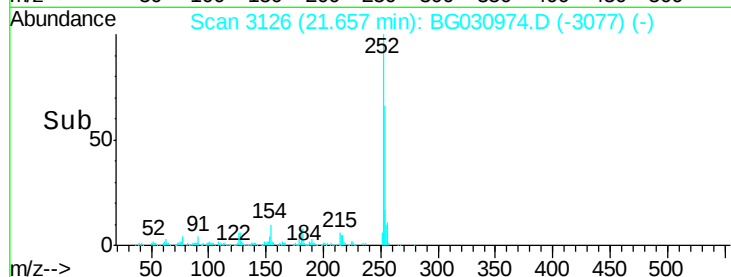
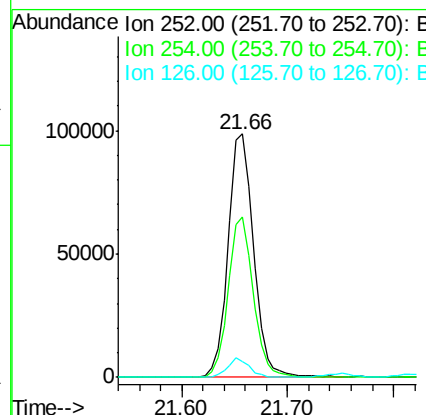
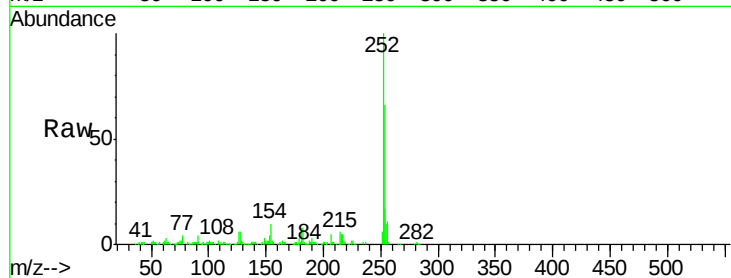




#81
 3,3'-Dichlorobenzidine
 Concen: 13.56 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

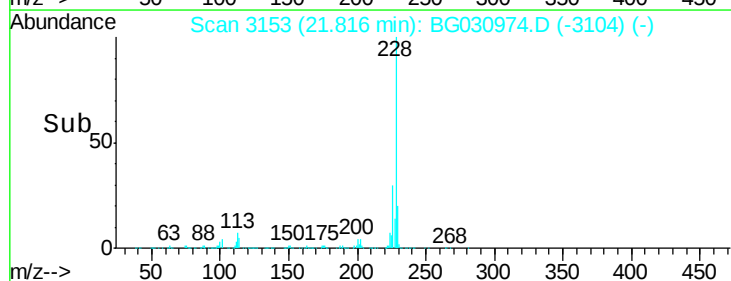
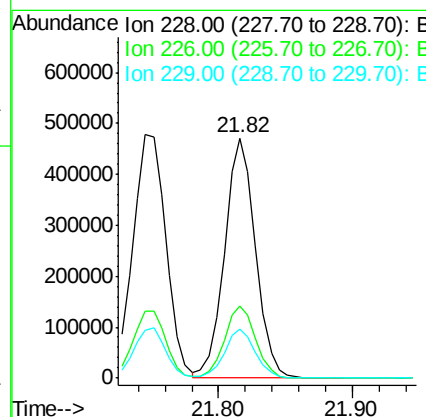
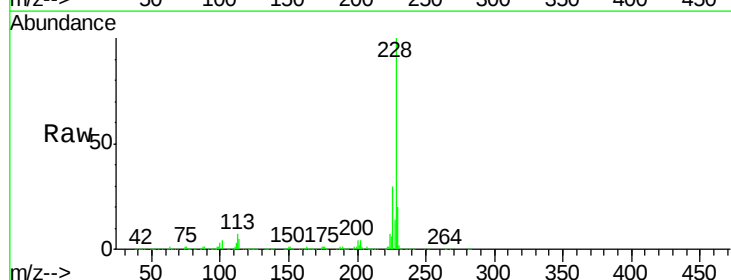
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

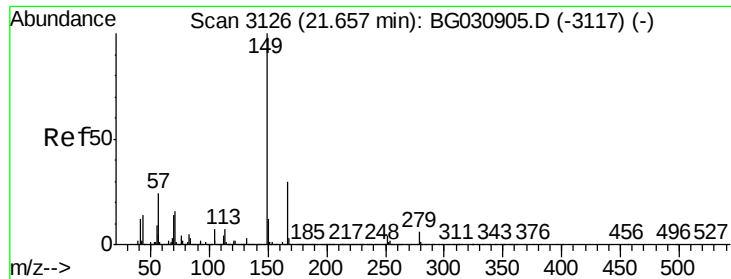
Tgt Ion:	252	Resp:	165125
Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.8	76.2
126	6.4	7.4	11.2#



#82
 Chrysene
 Concen: 27.29 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:	228	Resp:	761409
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.5	15.0	22.4

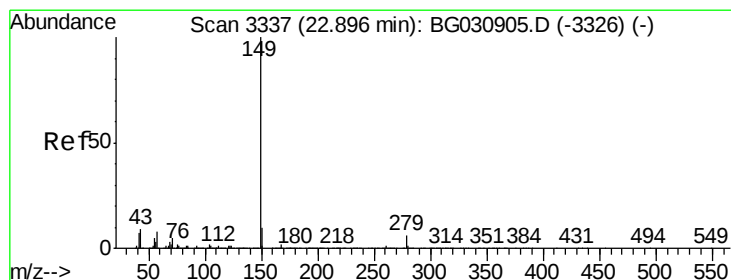
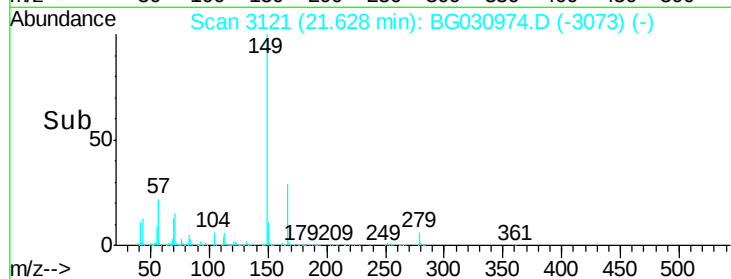
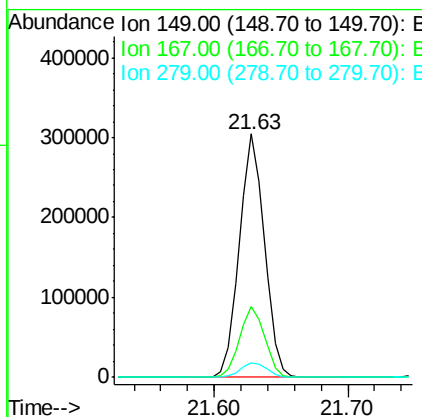
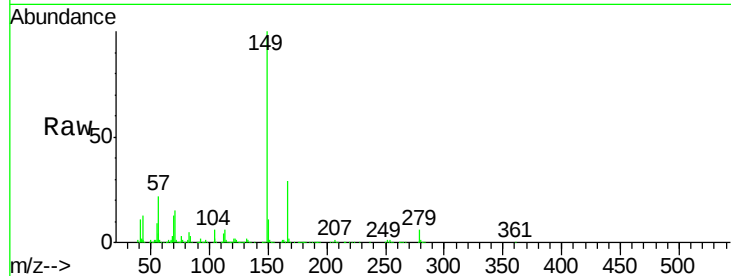




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.88 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

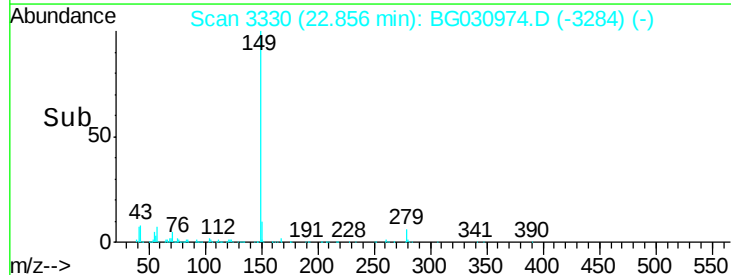
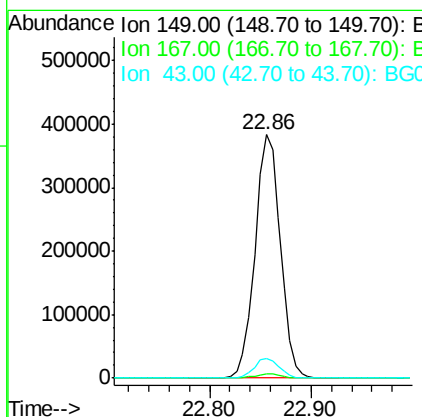
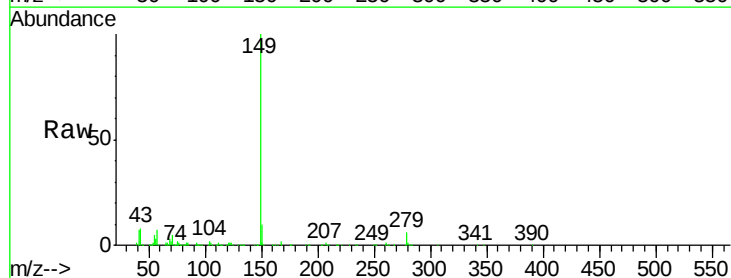
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

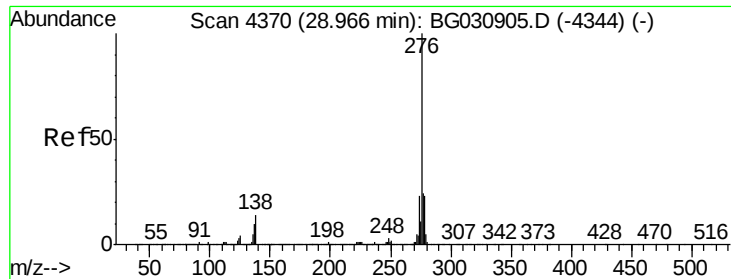
Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.3	36.5
279	6.1	4.0	6.0#



#84
 Di-n-octyl phthalate
 Concen: 24.70 ng
 RT: 22.86 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.1	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.20 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

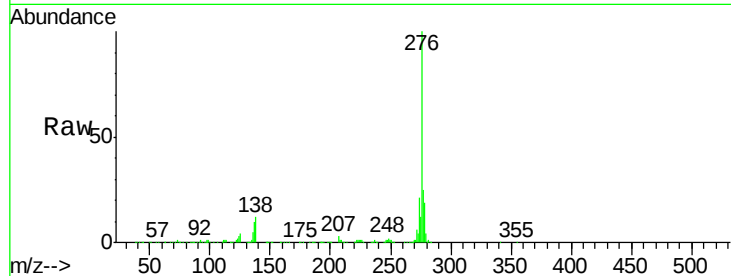
Tgt Ion:276 Resp: 922876

Ion Ratio Lower Upper

276 100

138 15.4 16.0 24.0#

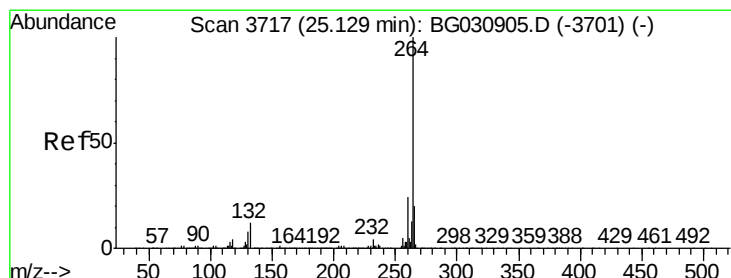
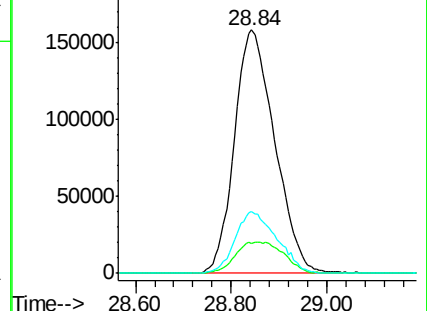
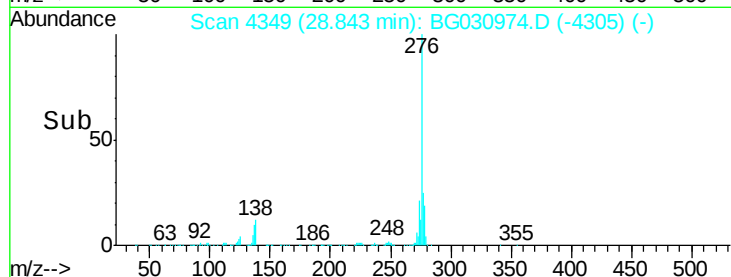
277 26.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

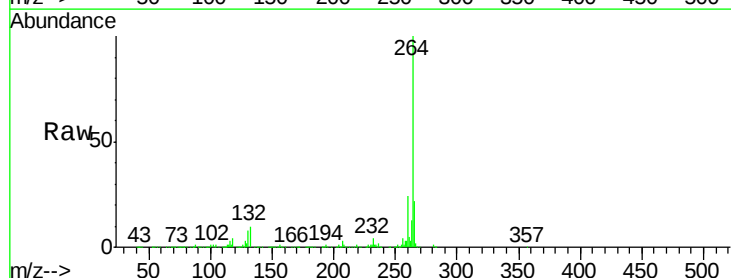
Tgt Ion:264 Resp: 493777

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

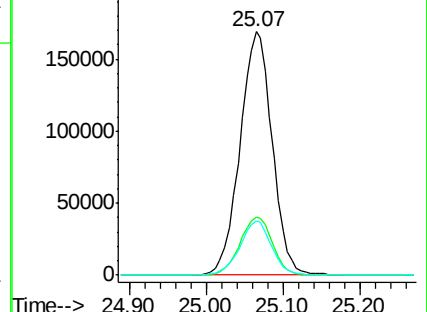
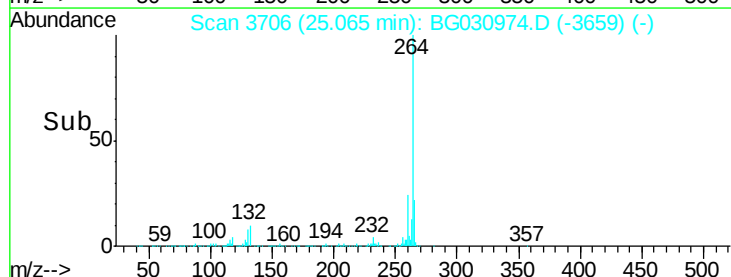
265 22.4 17.7 26.5

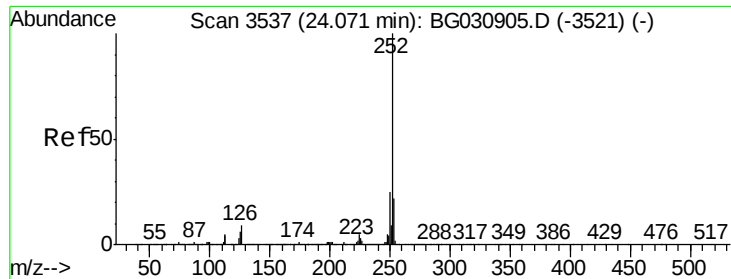


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.05 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

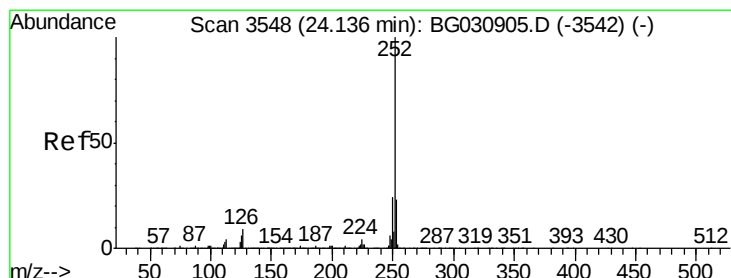
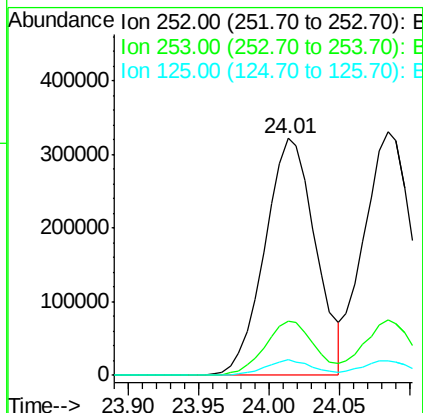
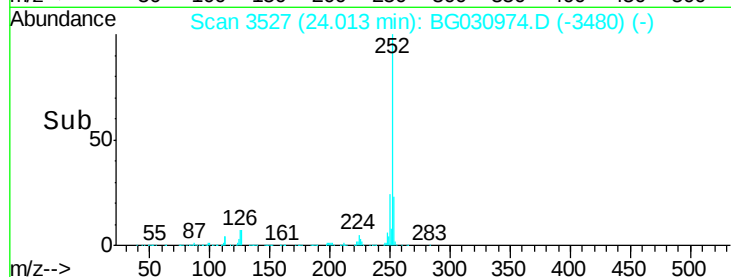
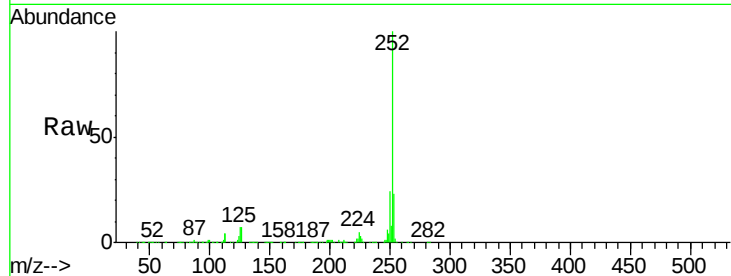
Tgt Ion:252 Resp: 808064

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 6.5 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 26.84 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

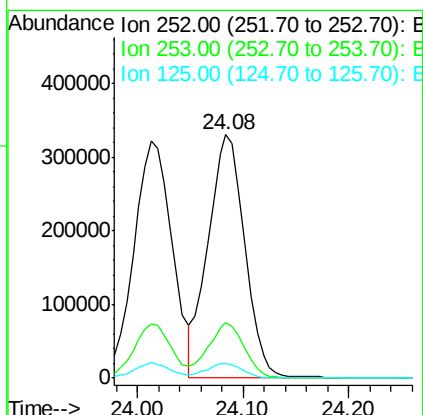
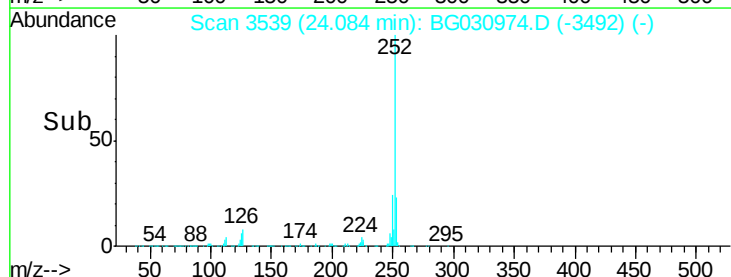
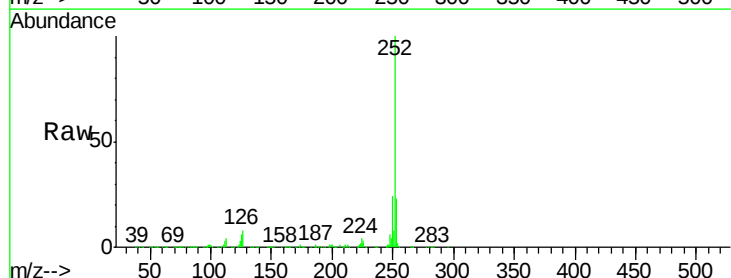
Tgt Ion:252 Resp: 794551

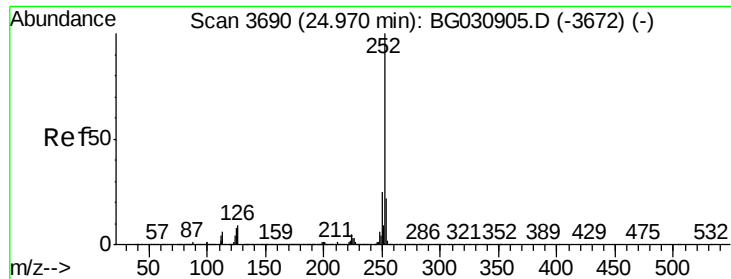
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 27.60 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

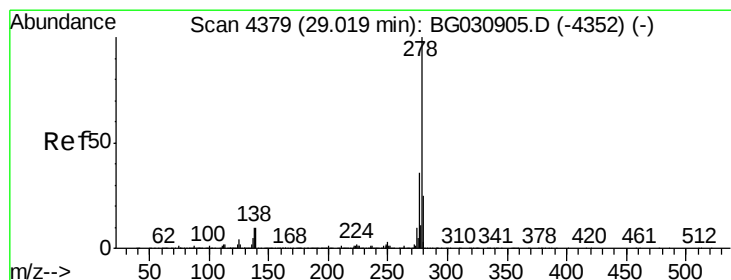
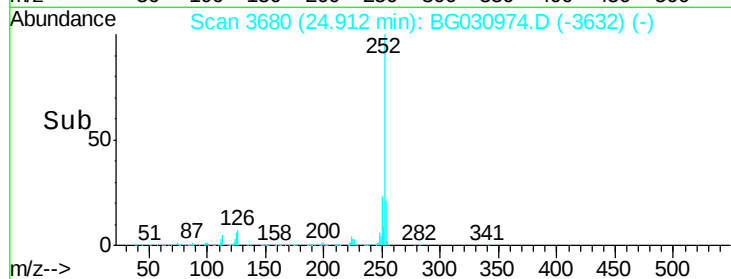
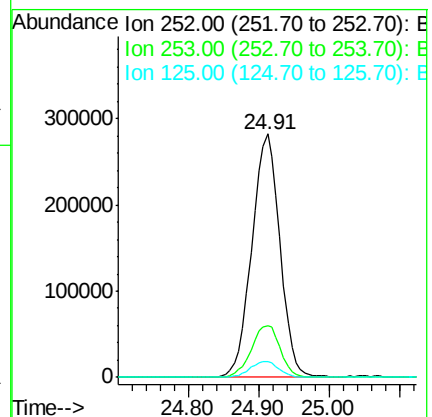
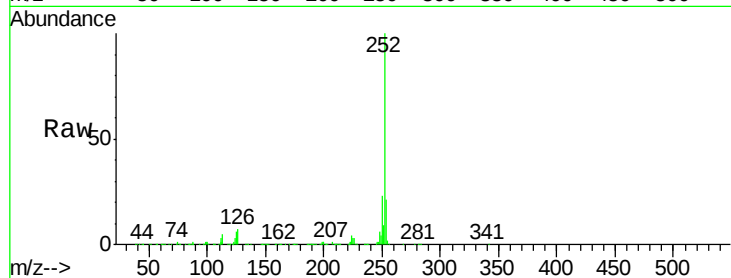
Tgt Ion: 252 Resp: 783126

Ion Ratio Lower Upper

252 100

253 21.2 18.3 27.5

125 6.5 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 26.68 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

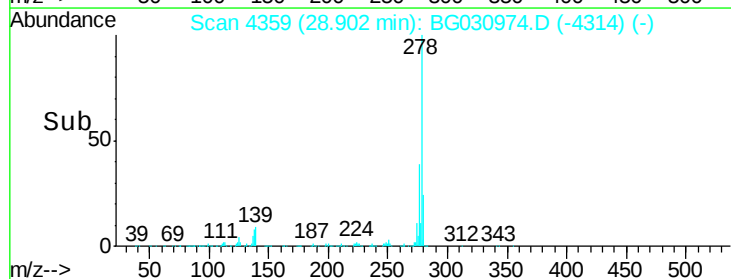
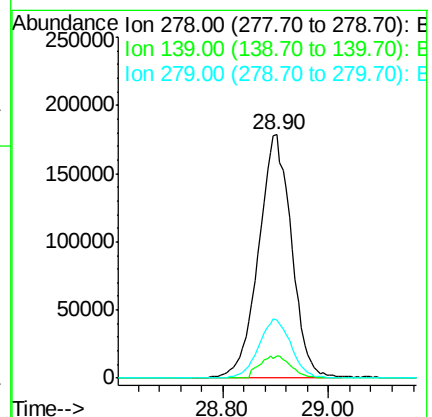
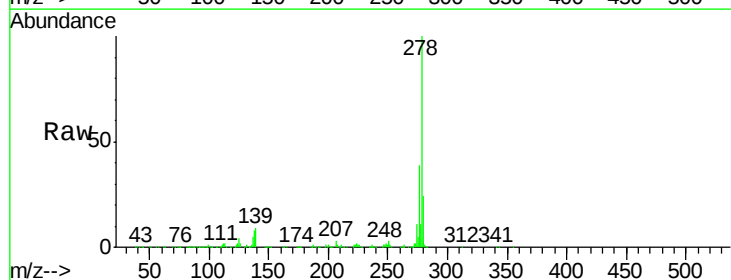
Tgt Ion: 278 Resp: 773788

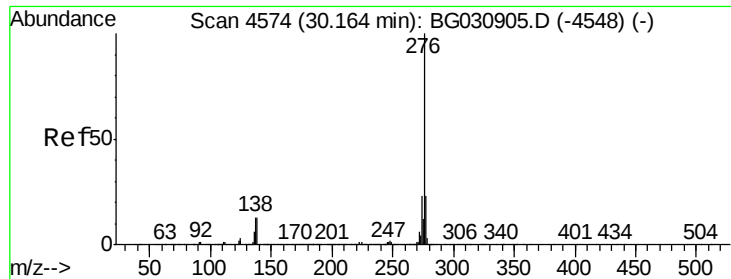
Ion Ratio Lower Upper

278 100

139 9.0 9.8 14.6#

279 23.9 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 27.46 ng

RT: 30.02 min Scan# 4550

Delta R.T. -0.05 min

Lab File: BG030974.D

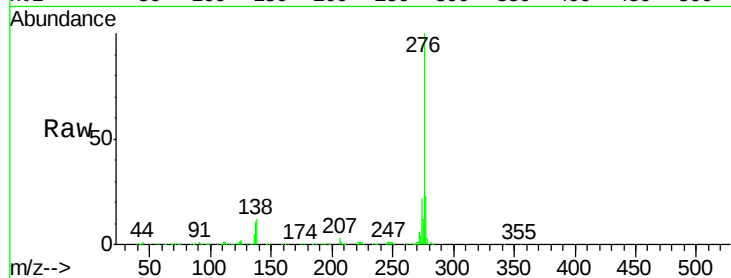
Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS



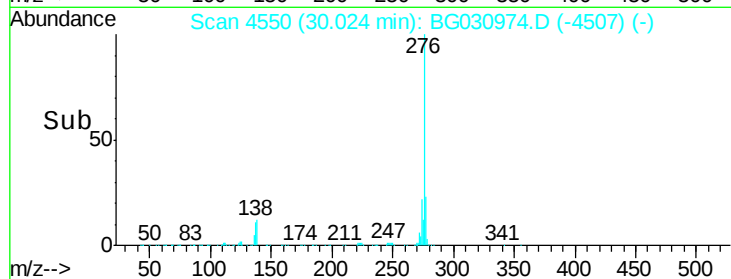
Tgt Ion: 276 Resp: 772929

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 12.4 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

