

Data File : BG030970.D
Acq On : 13 Nov 2017 13:16
Operator : SJ/JU
Sample : PB104196BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Quant Time: Nov 14 04:47:23 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	45892	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	200668	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	140402	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	362623	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	434363	20.00	ng	0.00
86) Perylene-d12	25.08	264	440650	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	346333	129.41	ng	0.00
7) Phenol-d6	7.31	99	450959	125.07	ng	0.00
23) Nitrobenzene-d5	9.31	82	265369	78.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	298763	131.54	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	796171	81.48	ng	-0.01
78) Terphenyl-d14	20.09	244	1532969	77.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	36661	33.76	ng	85
3) Pyridine	3.96	79	102126	32.39	ng	91
4) n-Nitrosodimethylamine	3.87	42	55202	36.94	ng	# 84
6) Aniline	7.46	93	79055	16.66	ng	92
8) 2-Chlorophenol	7.71	128	123818	41.92	ng	91
9) Benzaldehyde	7.28	77	59717	23.67	ng	80
10) Phenol	7.33	94	157508	42.07	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	108104	36.16	ng	88
12) 1,3-Dichlorobenzene	8.03	146	130369	37.62	ng	96
13) 1,4-Dichlorobenzene	8.18	146	134768	38.38	ng	98
14) 1,2-Dichlorobenzene	8.50	146	127900	37.95	ng	97
15) Benzyl Alcohol	8.38	79	111973	38.72	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	158212	47.91	ng	91
17) 2-Methylphenol	8.59	107	109070	41.83	ng	97
18) Hexachloroethane	9.23	117	46088	37.71	ng	91
19) n-Nitroso-di-n-propylamine	8.94	70	90974	33.18	ng	# 94
20) 3+4-Methylphenols	8.92	107	149090	40.21	ng	98
22) Acetophenone	8.97	105	180160	36.06	ng	# 93
24) Nitrobenzene	9.35	77	135150	39.07	ng	# 91
25) Isophorone	9.87	82	252274	38.20	ng	# 92
26) 2-Nitrophenol	10.07	139	73714	40.88	ng	90
27) 2,4-Dimethylphenol	10.12	122	124035	46.34	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	156966	37.74	ng	98
29) 2,4-Dichlorophenol	10.61	162	149565	46.53	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	155665	40.56	ng	99
31) Naphthalene	11.01	128	370549	37.56	ng	99
32) Benzoic acid	10.27	122	70706	33.63	ng	87
33) 4-Chloroaniline	11.12	127	42325	9.80	ng	# 91
34) Hexachlorobutadiene	11.29	225	108621	40.81	ng	97
35) Caprolactam	11.88	113	27041	20.59	ng	# 70
36) 4-Chloro-3-methylphenol	12.24	107	145401	41.56	ng	# 84
37) 2-Methylnaphthalene	12.60	142	302367	39.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	204708	36.74	ng	96
40) Hexachlorocyclopentadiene	12.95	237	180257	86.47	ng	91

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Response via : Initial Calibration

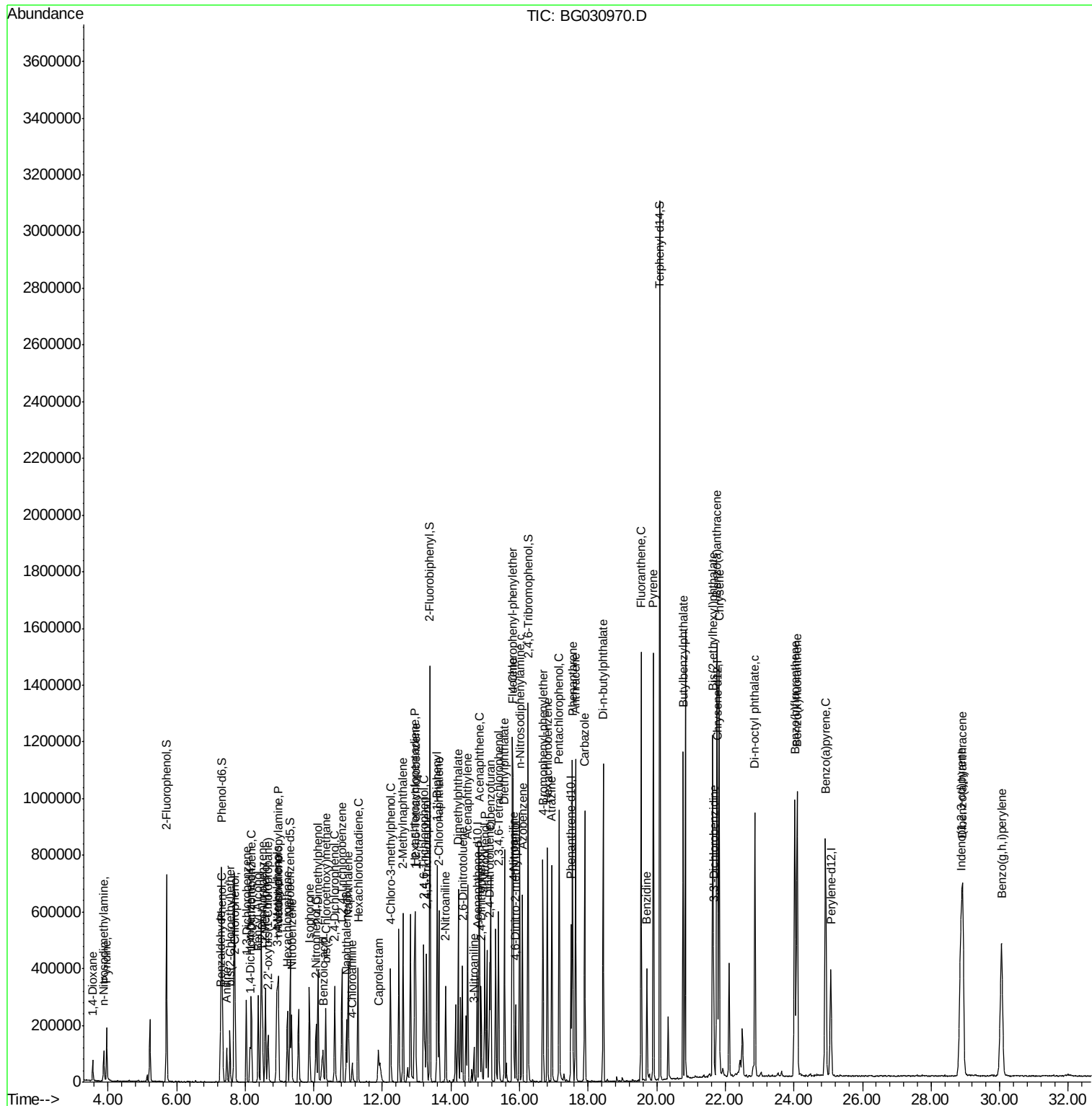
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	141281	44.35	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	150132	43.07	ng	# 93
45) 1,1'-Biphenyl	13.60	154	419805	36.06	ng	98
46) 2-Chloronaphthalene	13.65	162	335380	39.93	ng	95
47) 2-Nitroaniline	13.84	65	94004	37.76	ng	# 82
48) Acenaphthylene	14.49	152	515708	37.51	ng	98
49) Dimethylphthalate	14.21	163	468054	38.56	ng	99
50) 2,6-Dinitrotoluene	14.33	165	104215	41.65	ng	# 79
51) Acenaphthene	14.83	154	321886	37.49	ng	97
52) 3-Nitroaniline	14.66	138	36696	13.81	ng	# 77
53) 2,4-Dinitrophenol	14.88	184	101697	74.33	ng	# 51
54) Dibenzofuran	15.16	168	536794	39.25	ng	98
55) 4-Nitrophenol	14.98	139	154744	81.76	ng	# 84
56) 2,4-Dinitrotoluene	15.13	165	151245	41.81	ng	# 73
57) Fluorene	15.81	166	431089	38.82	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	156236	47.03	ng	# 86
59) Diethylphthalate	15.56	149	461250	37.40	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	268703	40.07	ng	91
61) 4-Nitroaniline	15.82	138	96865	34.43	ng	92
62) Azobenzene	16.08	77	358070	38.07	ng	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	82451	34.21	ng	75
65) n-Nitrosodiphenylamine	16.01	169	410268	37.34	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	190474	41.47	ng	95
67) Hexachlorobenzene	16.81	284	203065	41.61	ng	# 89
68) Atrazine	16.95	200	174494	38.49	ng	95
69) Pentachlorophenol	17.15	266	214392	79.48	ng	98
70) Phenanthrene	17.54	178	747350	39.58	ng	99
71) Anthracene	17.63	178	763077	40.33	ng	99
72) Carbazole	17.90	167	687865	38.80	ng	99
73) Di-n-butylphthalate	18.44	149	805946	37.03	ng	100
74) Fluoranthene	19.54	202	1006717	42.11	ng	97
76) Benzidine	19.71	184	263127	18.86	ng	97
77) Pyrene	19.90	202	1016193	39.43	ng	98
79) Butylbenzylphthalate	20.77	149	378832	36.86	ng	85
80) Benzo(a)anthracene	21.75	228	1067978	39.58	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	182449	16.75	ng	# 96
82) Chrysene	21.82	228	991006	39.71	ng	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	530386	35.75	ng	# 98
84) Di-n-octyl phthalate	22.86	149	887117	36.74	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1233247	40.65	ng	# 94
87) Benzo(b)fluoranthene	24.03	252	1060601	39.79	ng	# 97
88) Benzo(k)fluoranthene	24.09	252	1061276	40.17	ng	# 97
89) Benzo(a)pyrene	24.92	252	1038119	41.00	ng	# 97
90) Dibenzo(a,h)anthracene	28.92	278	1028158	39.73	ng	# 96
91) Benzo(g,h,i)perylene	30.06	276	1021940	40.68	ng	# 94

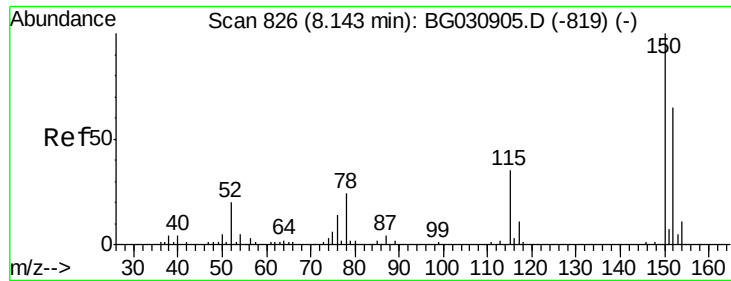
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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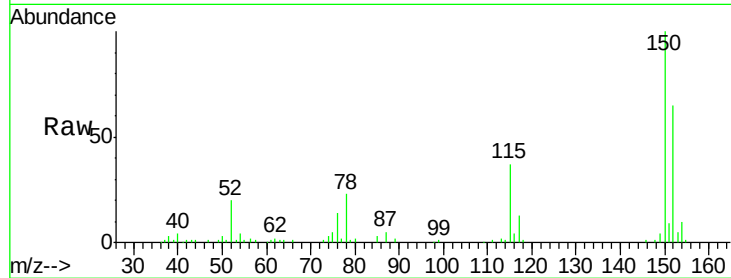
Tgt Ion:152 Resp: 45892

Ion Ratio Lower Upper

152 100

150 153.7 126.6 189.8

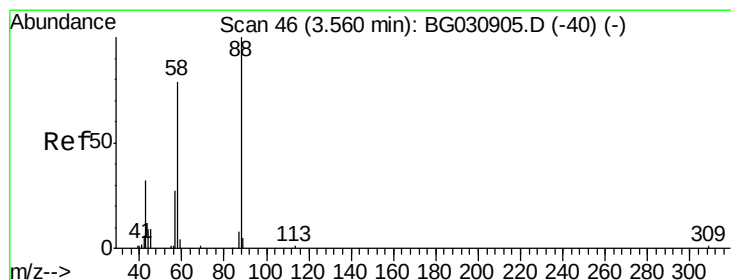
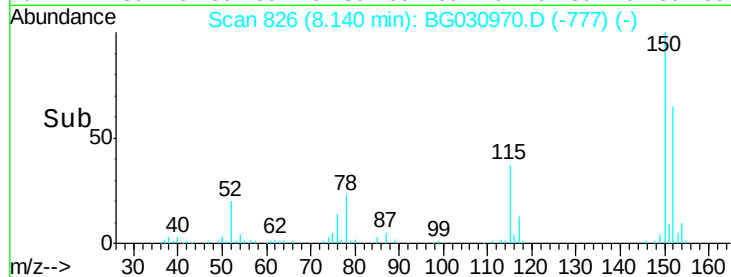
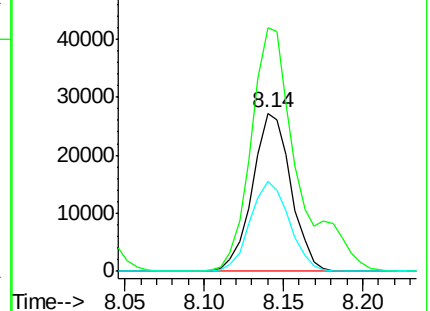
115 56.7 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.76 ng

RT: 3.55 min Scan# 45

Delta R.T. -0.02 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

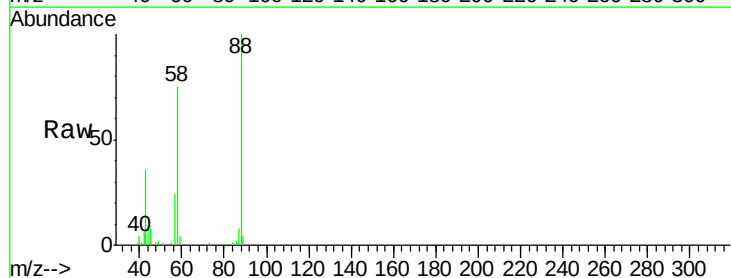
Tgt Ion: 88 Resp: 36661

Ion Ratio Lower Upper

88 100

58 79.8 79.6 119.4

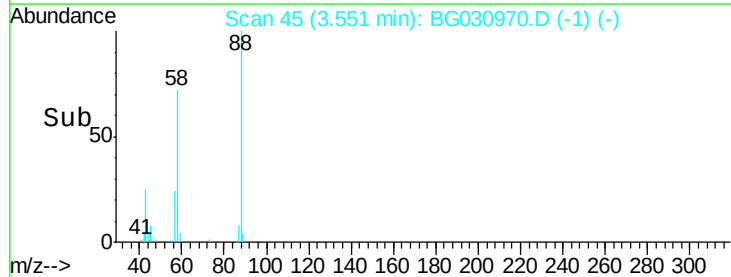
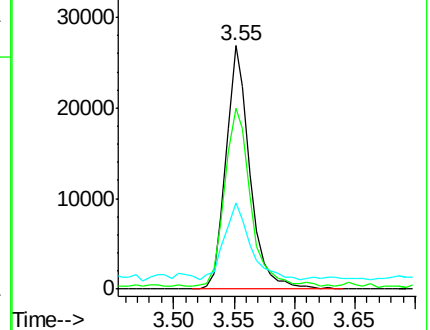
43 34.4 27.4 41.0

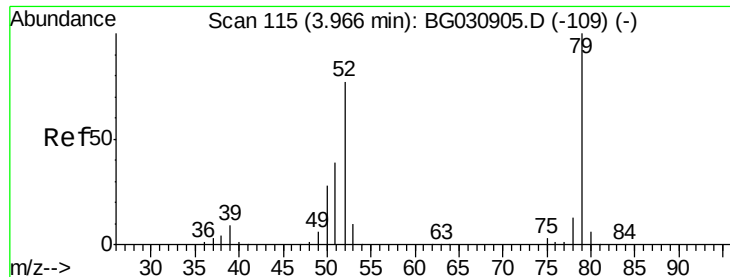


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.39 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.02 min

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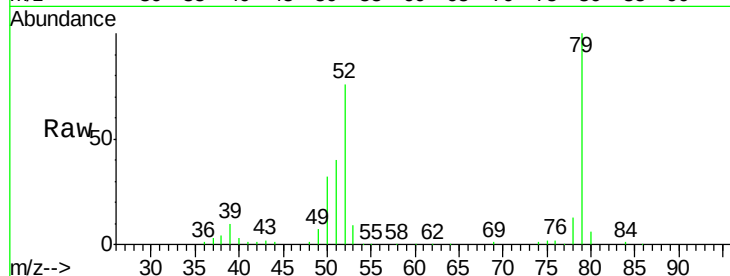
Tgt Ion: 79 Resp: 102126

Ion Ratio Lower Upper

79 100

52 76.5 69.9 104.9

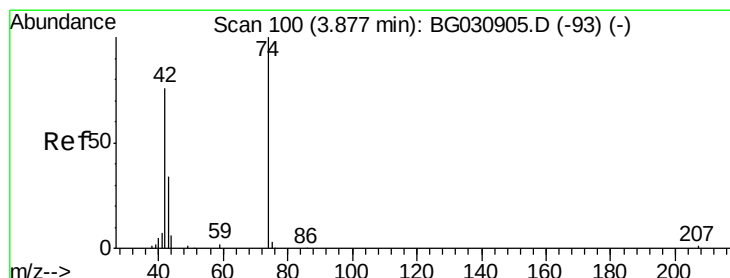
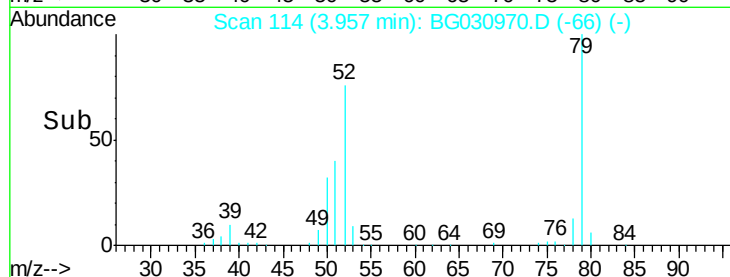
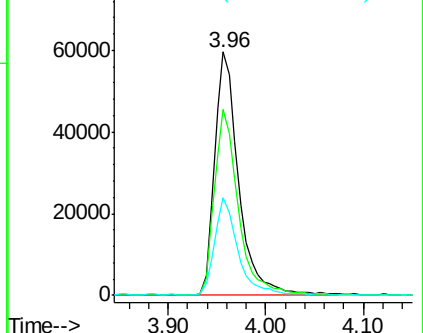
51 40.2 34.0 51.0



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: 36.94 ng

RT: 3.87 min Scan# 100

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

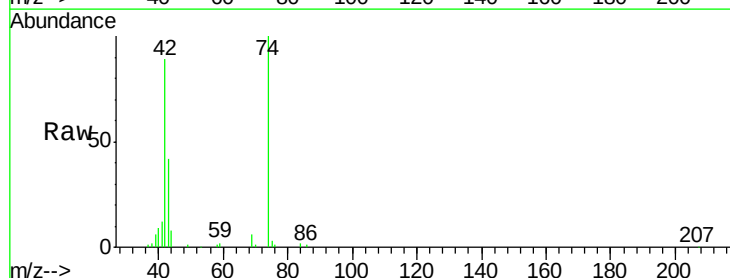
Tgt Ion: 42 Resp: 55202

Ion Ratio Lower Upper

42 100

74 112.5 102.5 153.7

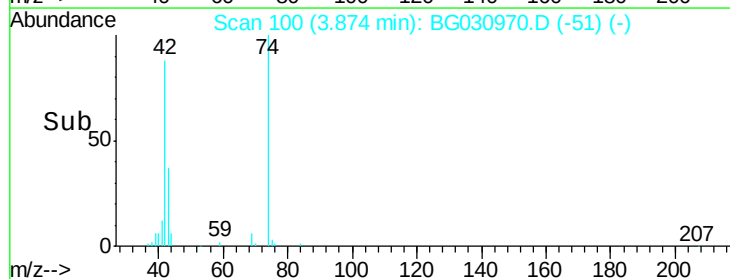
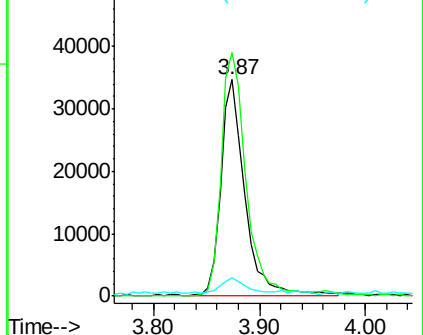
44 8.6 18.9 28.3#

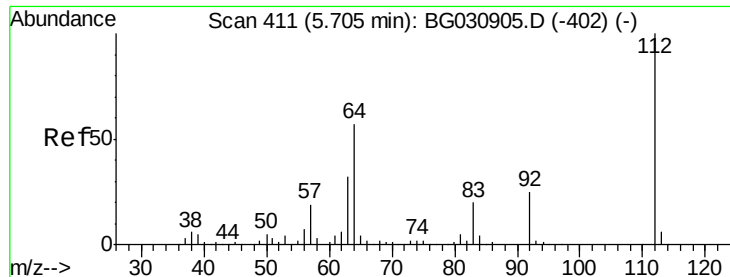


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.41 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

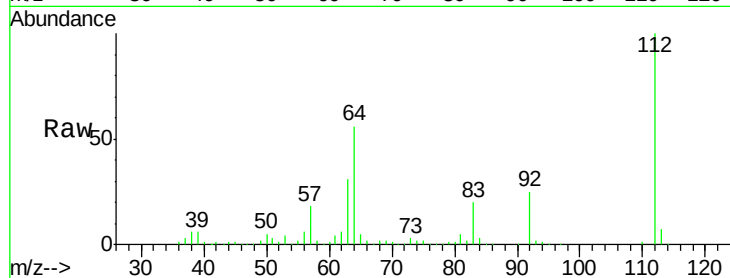
Instrument :

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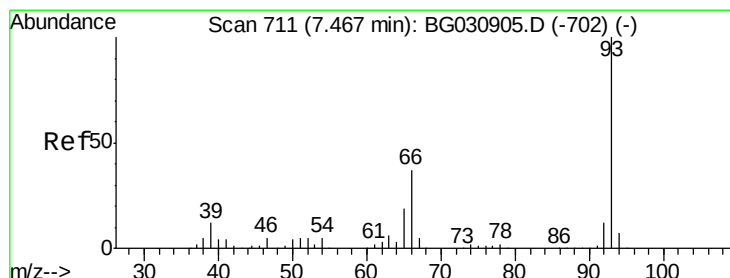
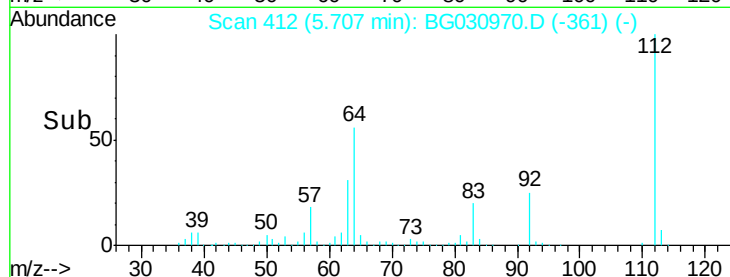
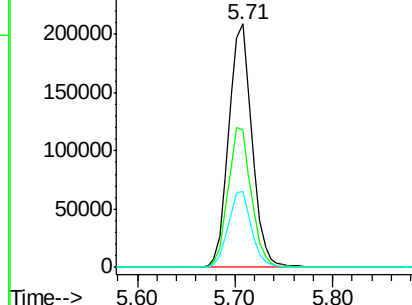
Tgt Ion:	112	Resp:	346333
Ion	Ratio	Lower	Upper
112	100		
64	56.5	56.3	84.5
63	31.3	30.1	45.1



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: 16.66 ng

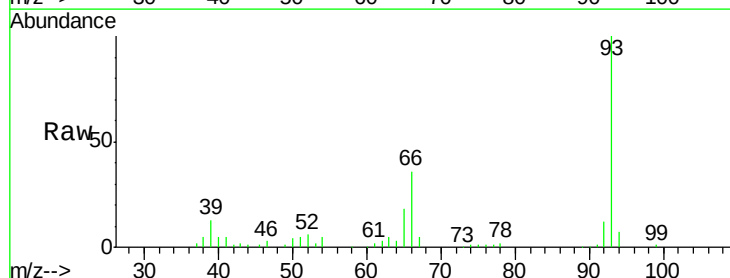
RT: 7.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

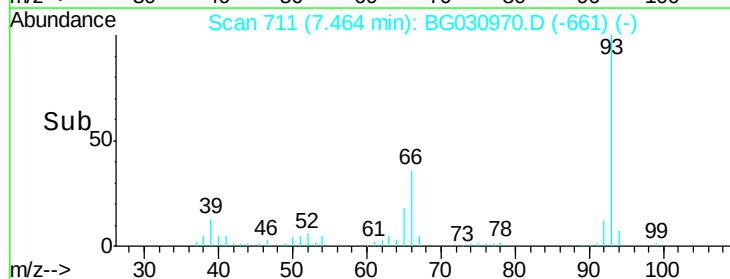
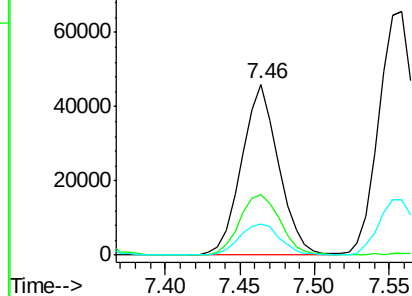
Tgt Ion:	93	Resp:	79055
Ion	Ratio	Lower	Upper
93	100		
66	35.5	33.7	50.5
65	18.3	16.1	24.1

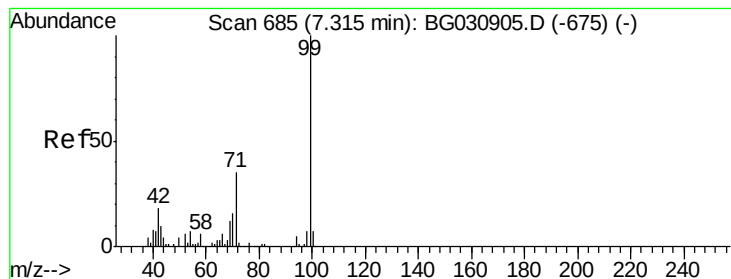


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.07 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.00 min

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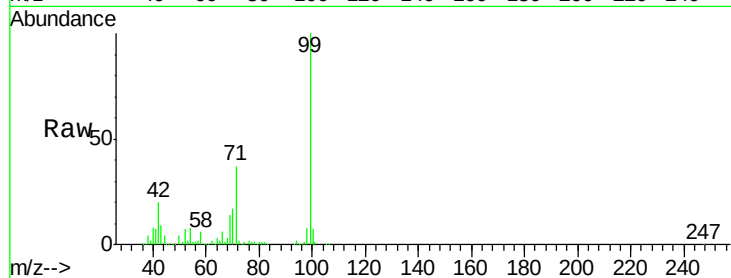
Tgt Ion: 99 Resp: 450959

Ion Ratio Lower Upper

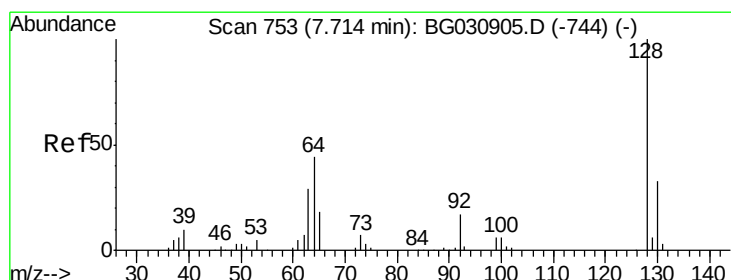
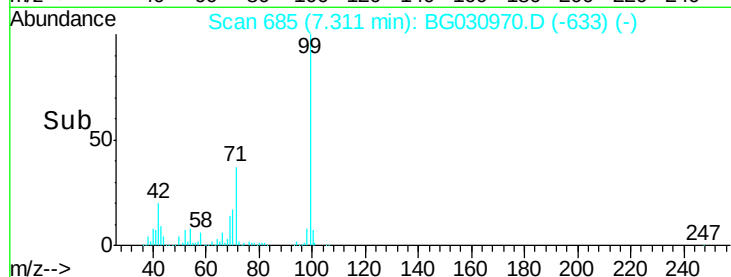
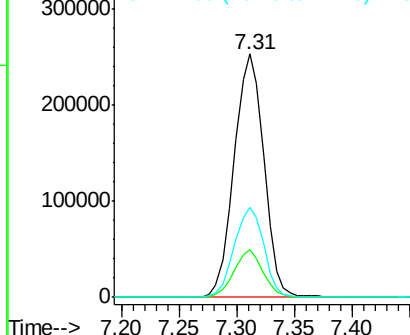
99 100

42 19.7 14.1 21.1

71 36.9 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: 41.92 ng

RT: 7.71 min Scan# 753

Delta R.T. -0.01 min

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Acq: 13 Nov 2017 13:16

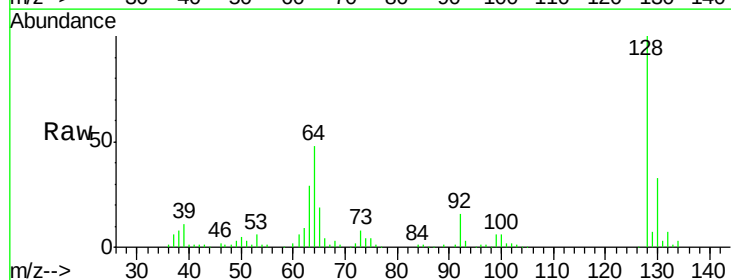
Tgt Ion: 128 Resp: 123818

Ion Ratio Lower Upper

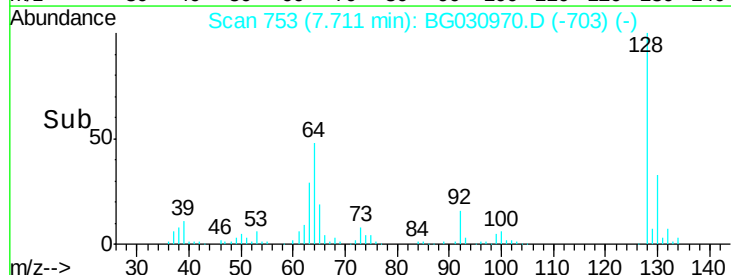
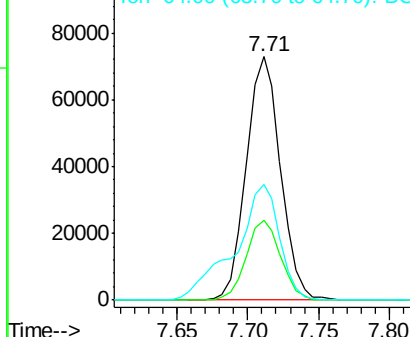
128 100

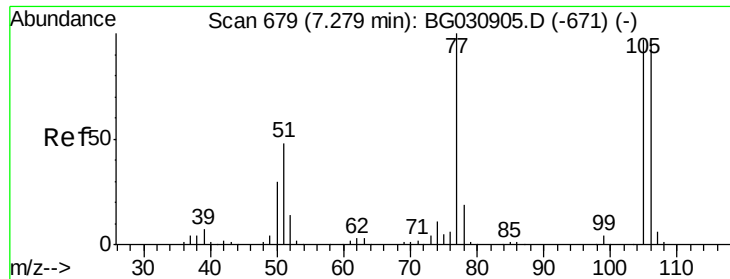
130 33.0 14.0 54.0

64 47.7 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: 23.67 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

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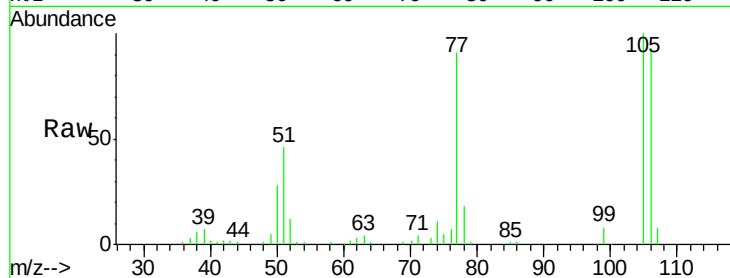
Tgt Ion: 77 Resp: 59717

Ion Ratio Lower Upper

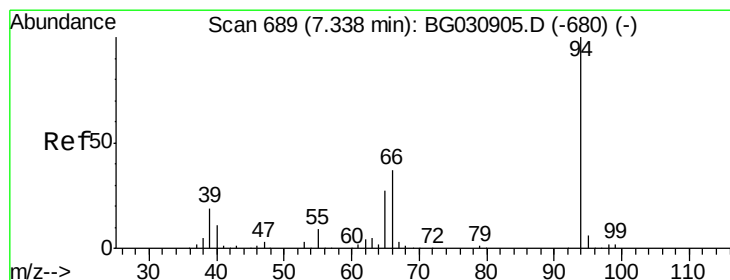
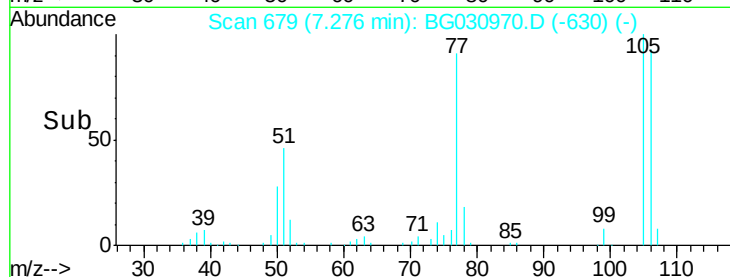
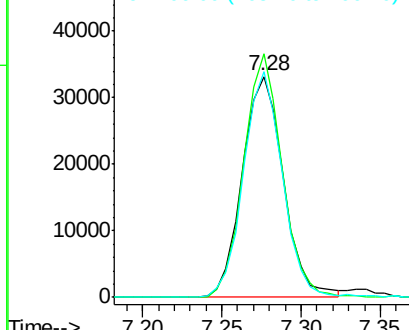
77 100

105 110.3 71.3 111.3

106 102.1 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: 42.07 ng

RT: 7.33 min Scan# 689

Delta R.T. -0.00 min

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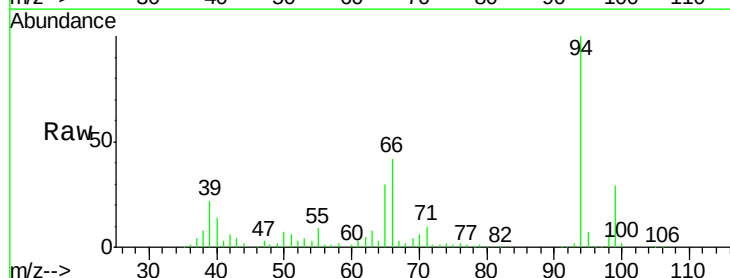
Tgt Ion: 94 Resp: 157508

Ion Ratio Lower Upper

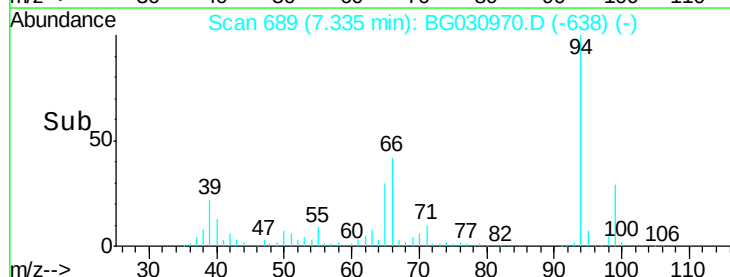
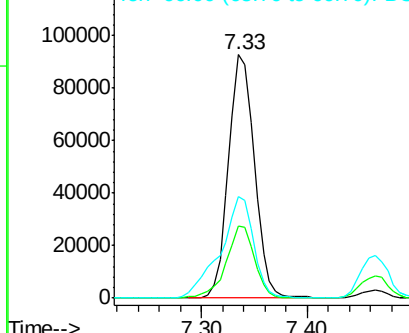
94 100

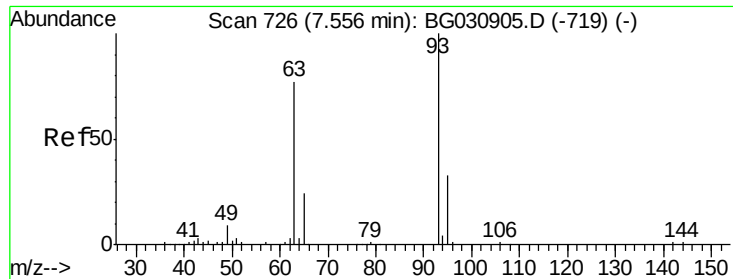
65 29.6 11.9 51.9

66 41.6 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

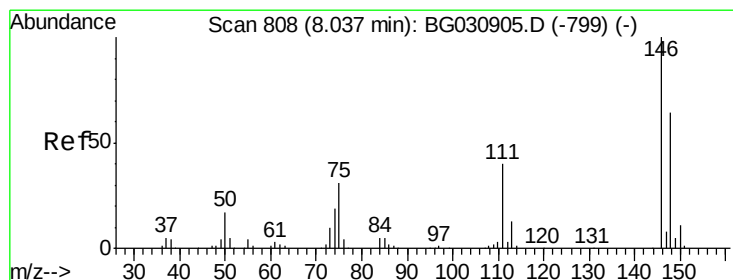
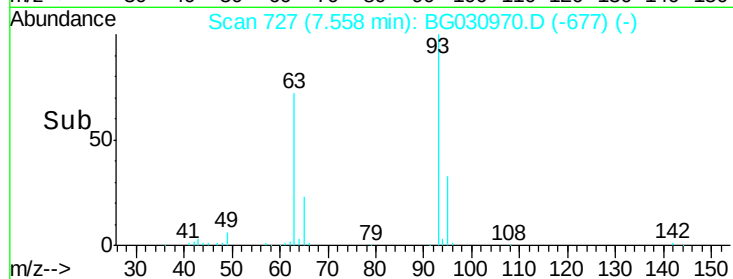
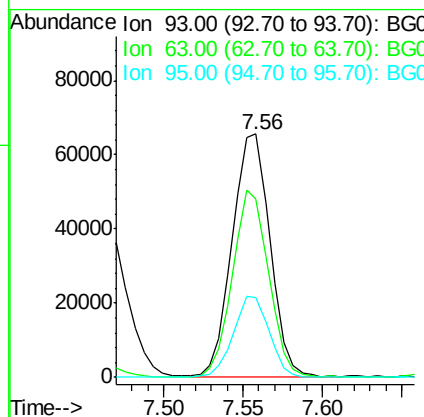
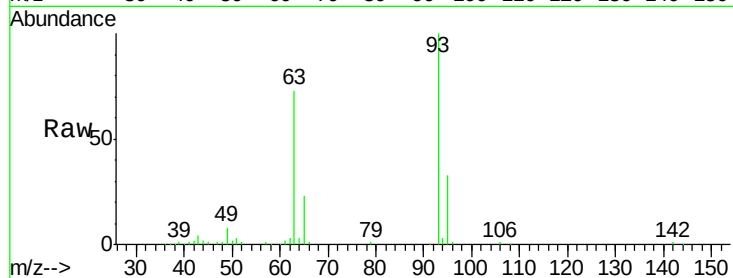




#11
 bis(2-Chloroethyl)ether
 Concen: 36.16 ng
 RT: 7.56 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

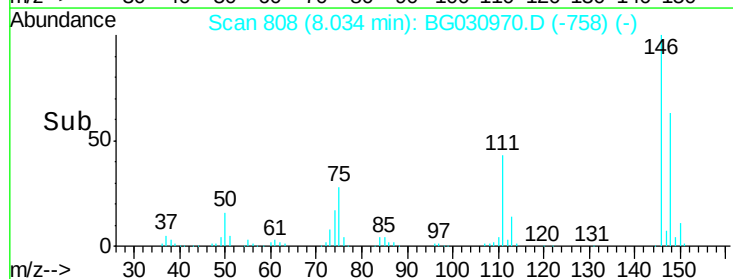
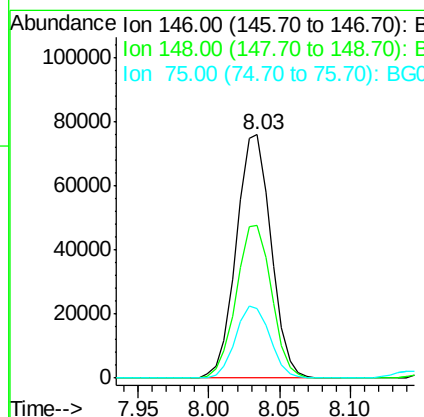
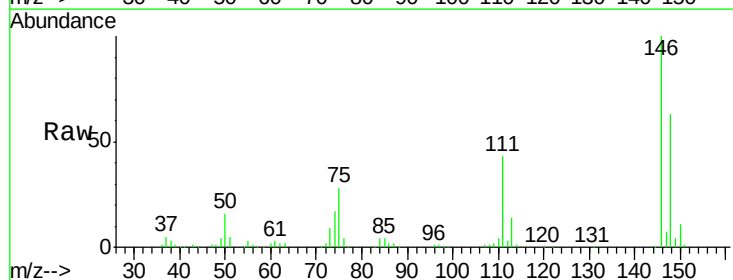
Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

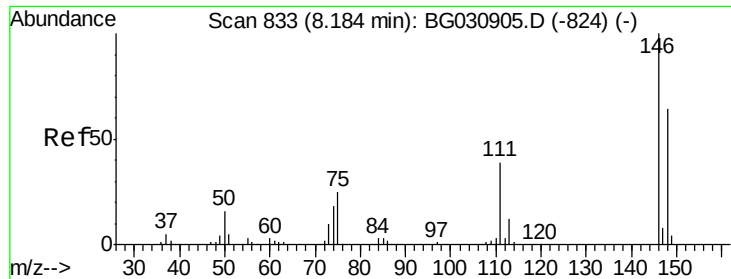
Tgt Ion: 93 Resp: 108104
 Ion Ratio Lower Upper
 93 100
 63 73.2 67.1 107.1
 95 32.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.62 ng
 RT: 8.03 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion: 146 Resp: 130369
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.4 77.2
 75 28.4 26.6 39.8

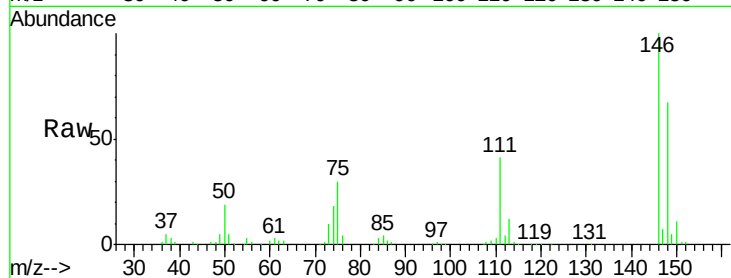




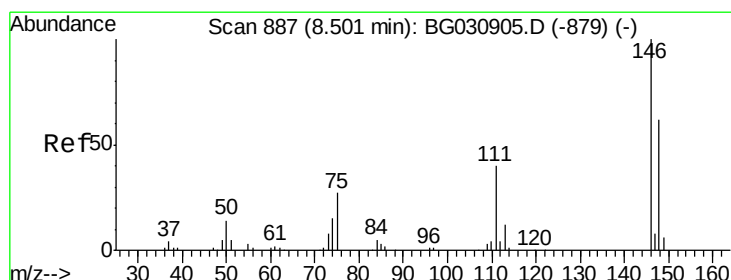
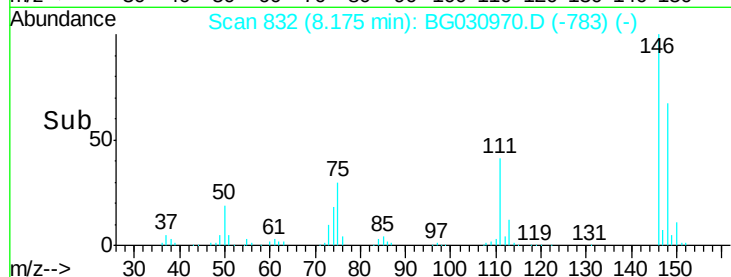
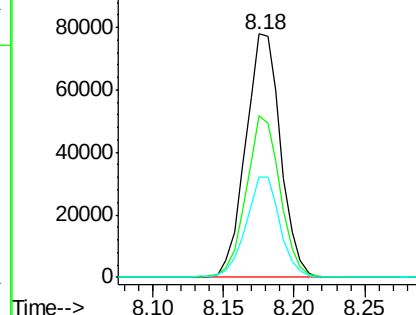
#13
 1,4-Dichlorobenzene
 Concen: 38.38 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

Tgt Ion:146 Resp: 134768
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.7 80.5
 111 41.3 35.2 52.8

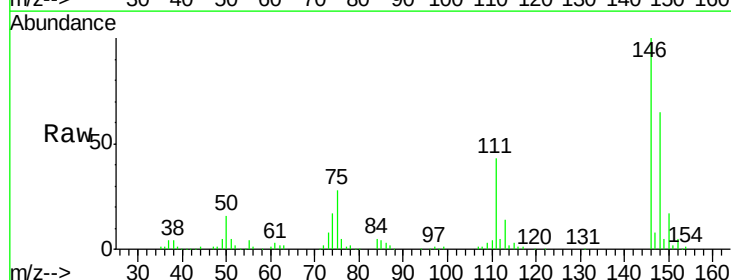


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

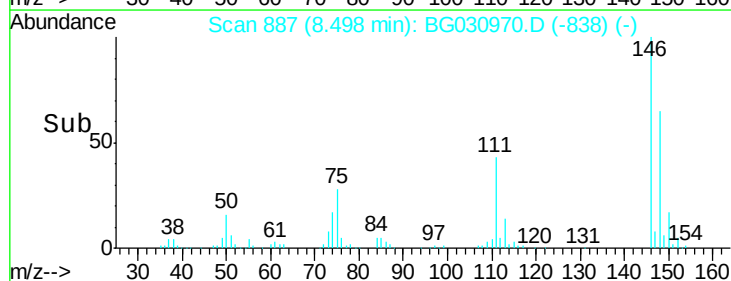
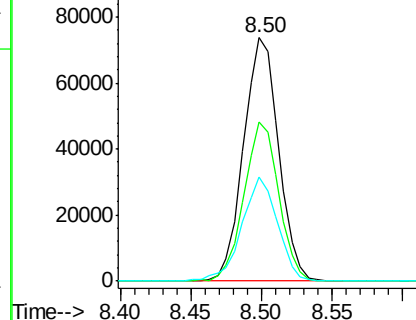


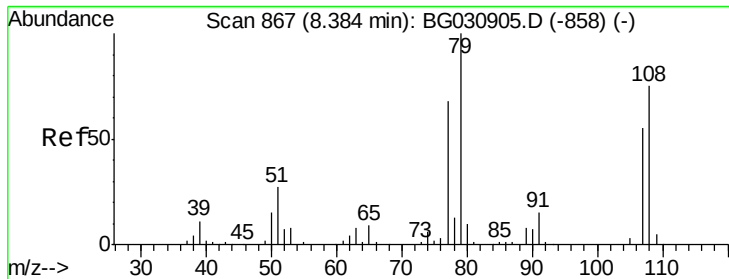
#14
 1,2-Dichlorobenzene
 Concen: 37.95 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion:146 Resp: 127900
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.3 73.9
 111 43.0 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: 38.72 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

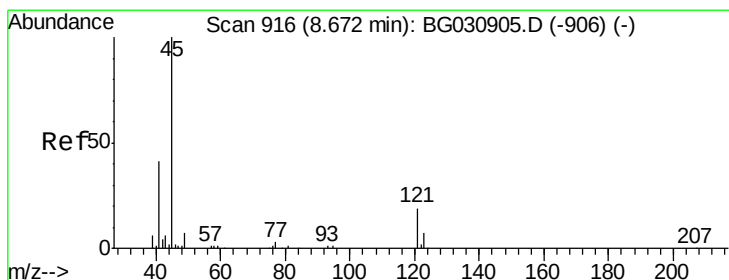
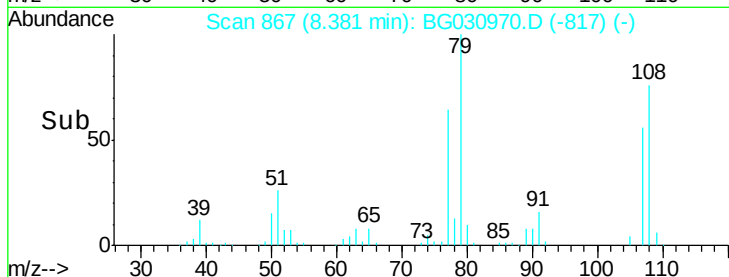
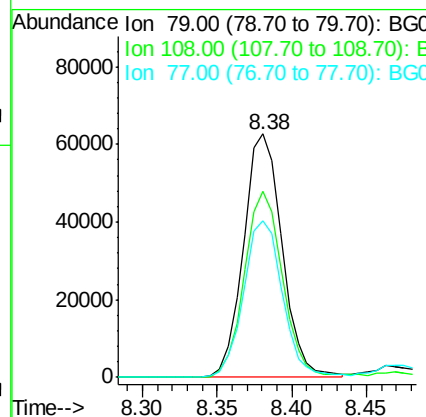
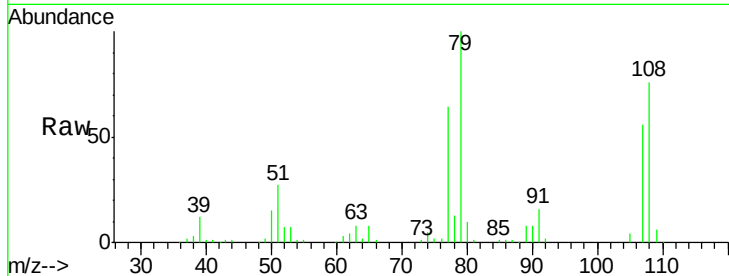
Tgt Ion: 79 Resp: 111973

Ion Ratio Lower Upper

79 100

108 76.3 57.2 85.8

77 64.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.91 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

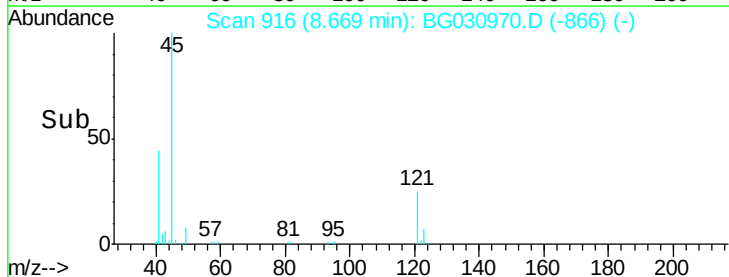
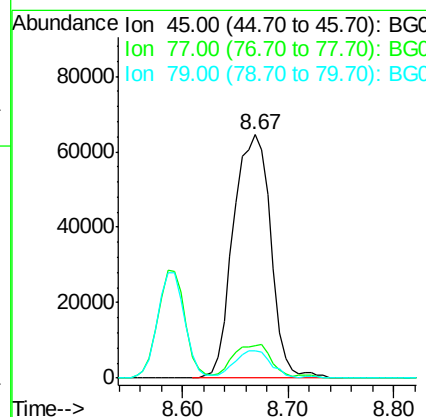
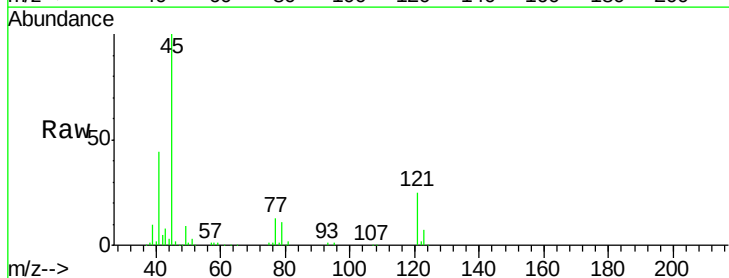
Tgt Ion: 45 Resp: 158212

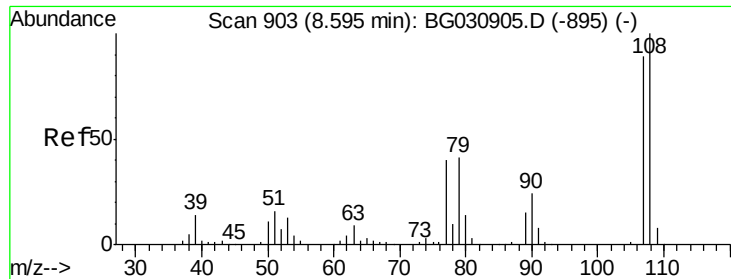
Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.2

79 11.2 0.0 27.9

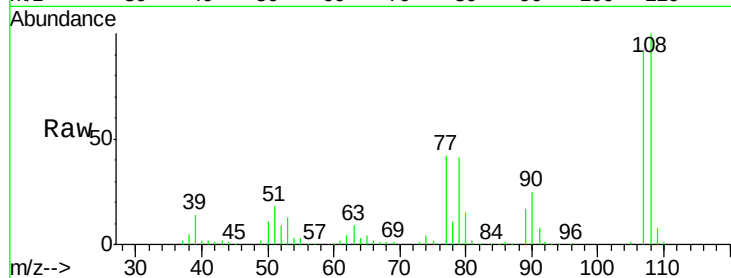




#17
2-Methylphenol
Concen: 41.83 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Tgt Ion:	107	Resp:	109070
Ion	Ratio	Lower	Upper
107	100		
108	108.6	83.9	125.9
77	45.2	37.2	55.8
79	44.6	36.2	54.2



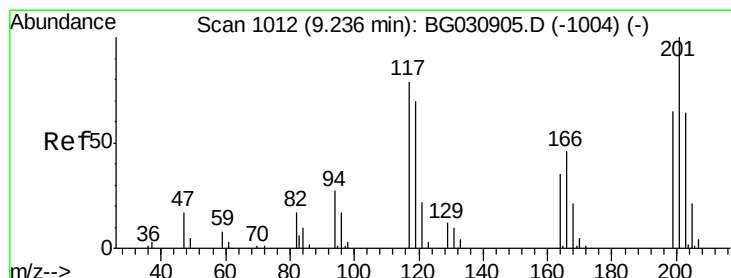
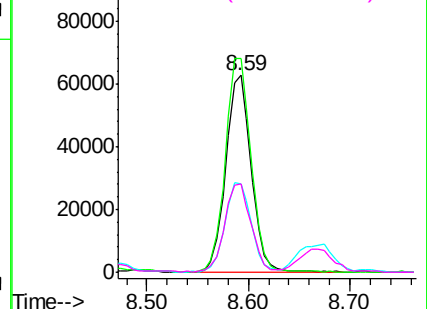
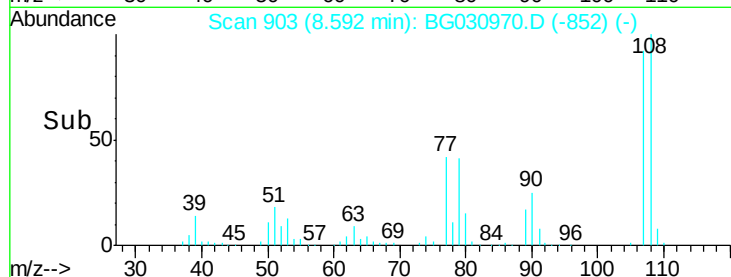
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

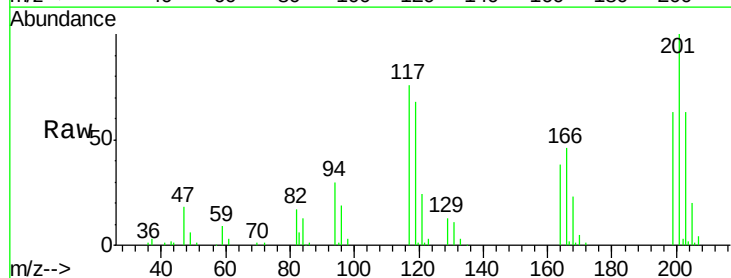
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.71 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:	117	Resp:	46088
Ion	Ratio	Lower	Upper
117	100		
119	90.1	76.7	115.1
201	131.6	95.7	143.5

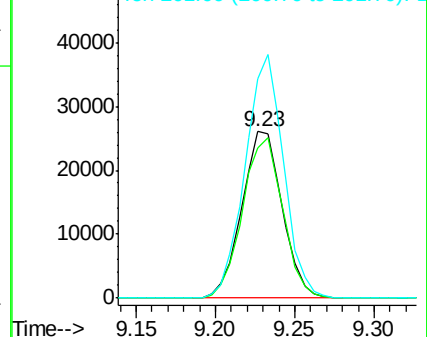
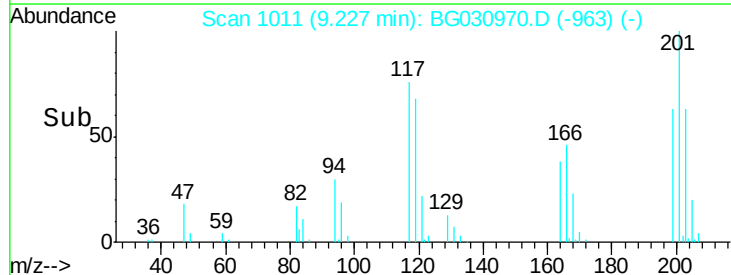


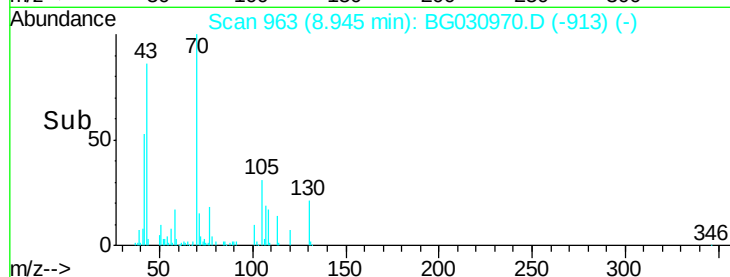
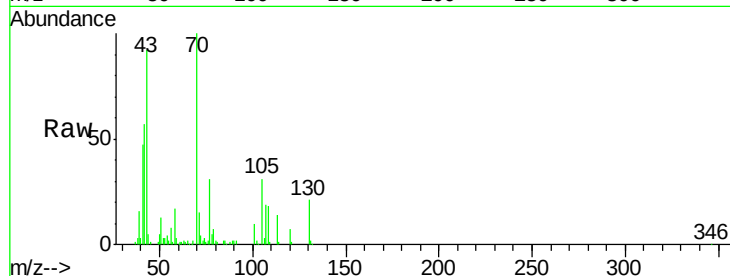
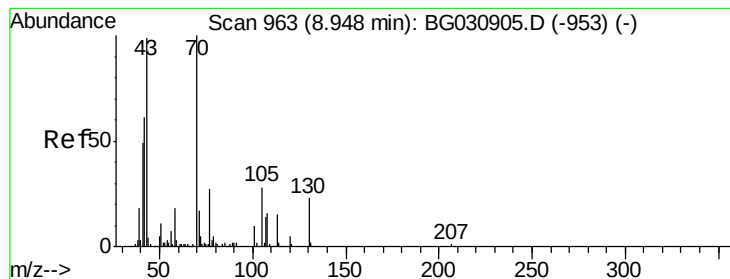
Abundance

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: 33.18 ng

RT: 8.94 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

Tgt Ion: 70 Resp: 90974

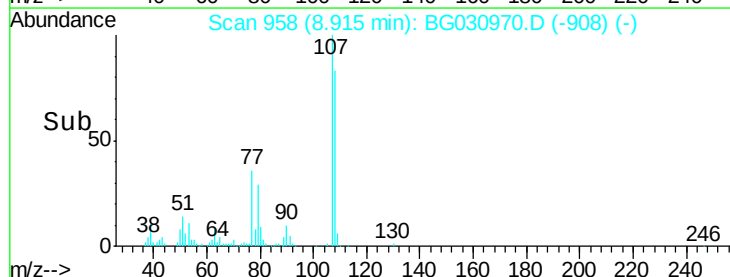
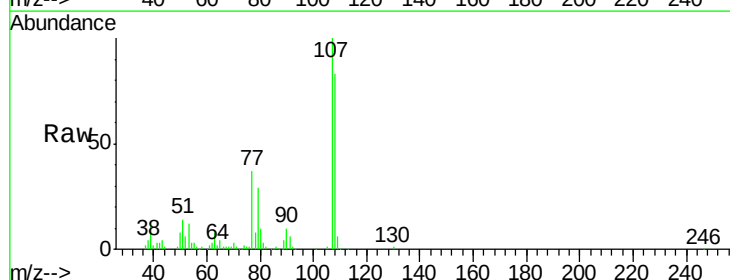
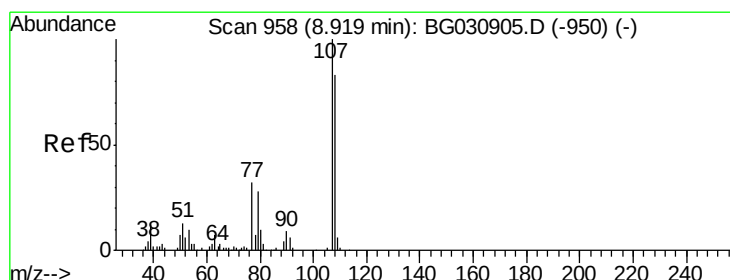
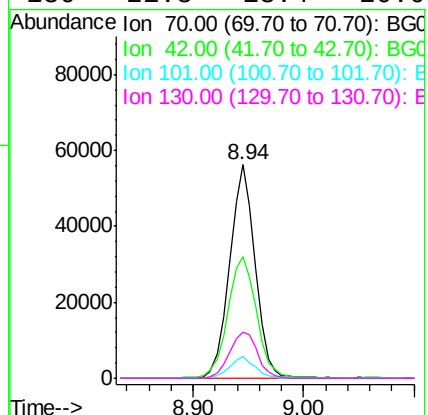
Ion Ratio Lower Upper

70 100

42 56.9 49.1 73.7

101 10.3 8.5 12.7

130 21.3 13.4 20.0#



#20

3+4-Methylphenols

Concen: 40.21 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Tgt Ion: 107 Resp: 149090

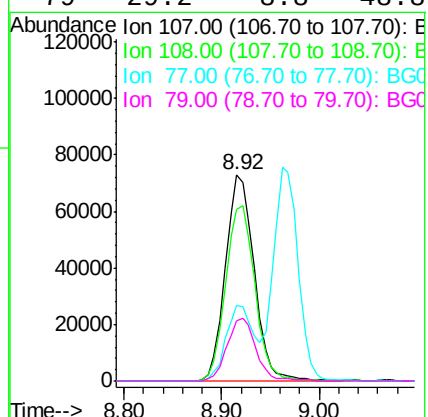
Ion Ratio Lower Upper

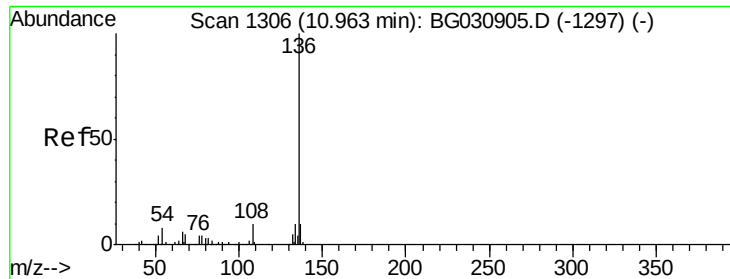
107 100

108 83.1 61.6 101.6

77 36.6 13.9 53.9

79 29.2 8.8 48.8

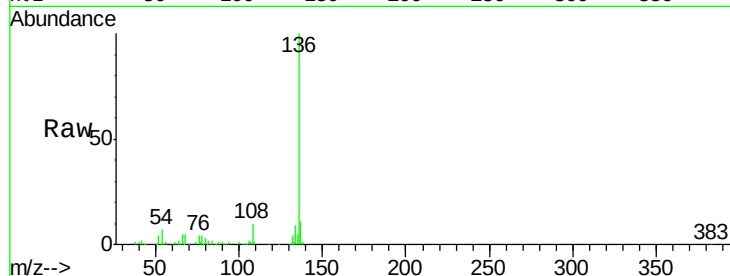




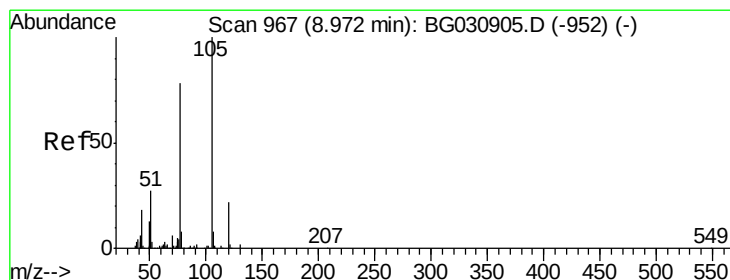
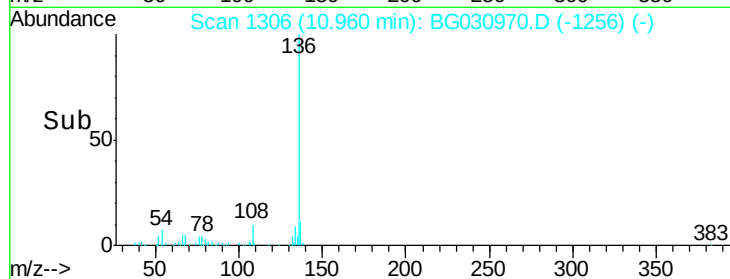
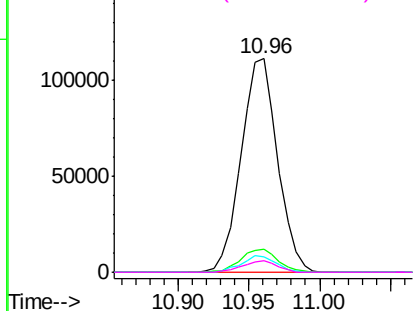
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Tgt Ion:	136	Resp:	200668
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	10.3	15.5#
68	5.4	4.5	6.7

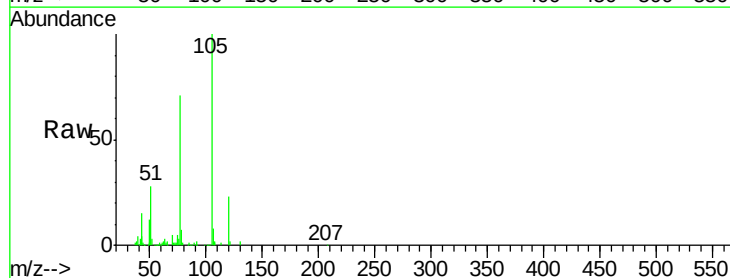


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

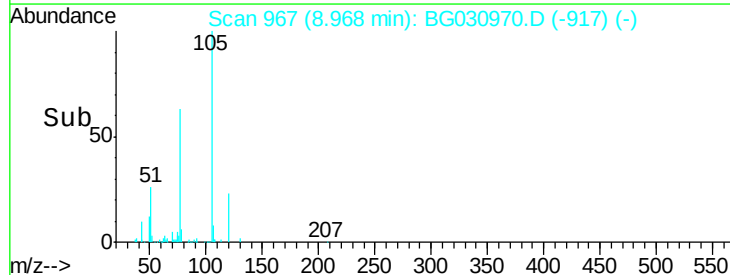
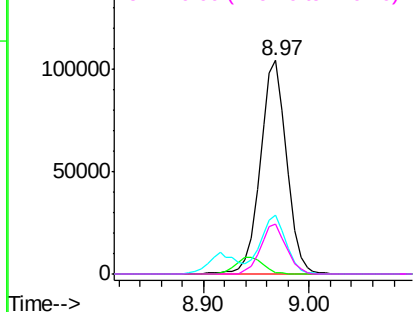


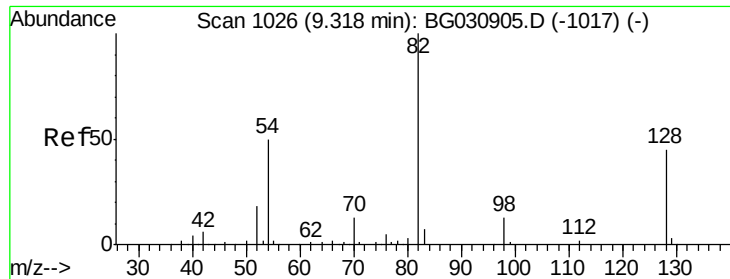
#22
Acetophenone
Concen: 36.06 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:	105	Resp:	180160
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	27.6	26.1	39.1
120	23.5	17.4	26.2



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

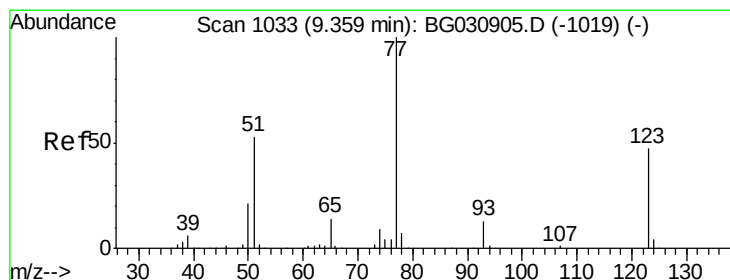
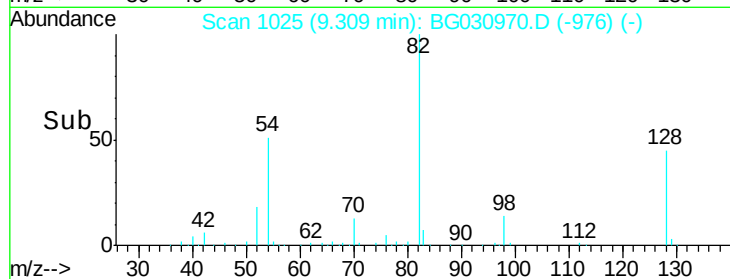
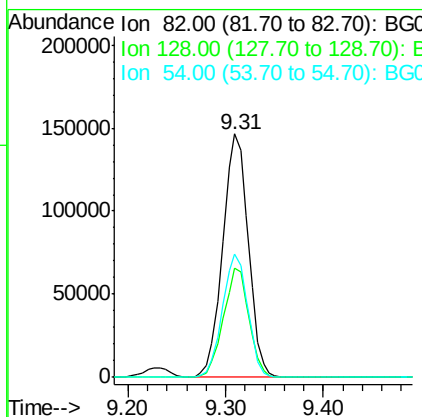
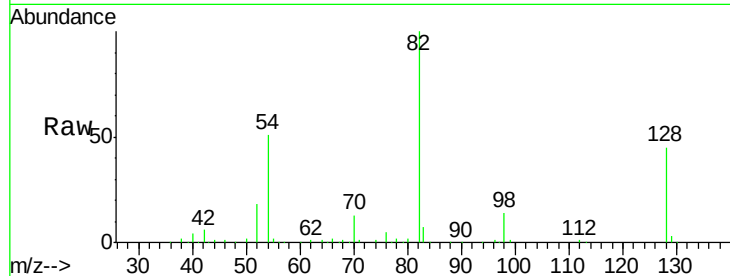




#23
 Nitrobenzene-d5
 Concen: 78.36 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

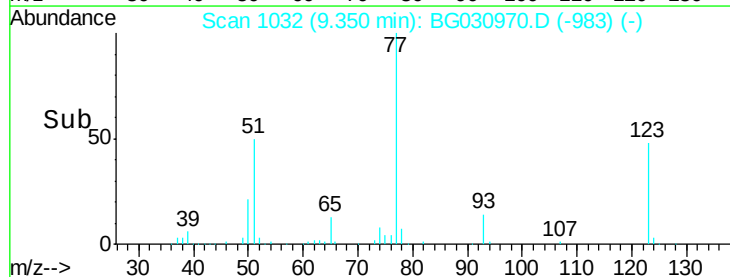
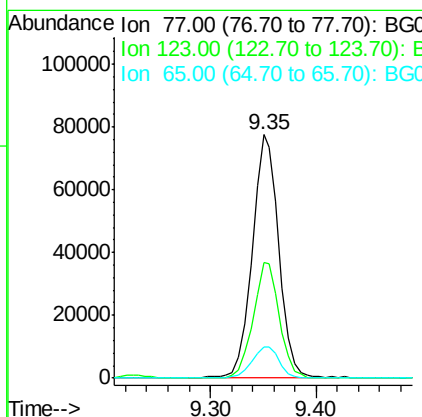
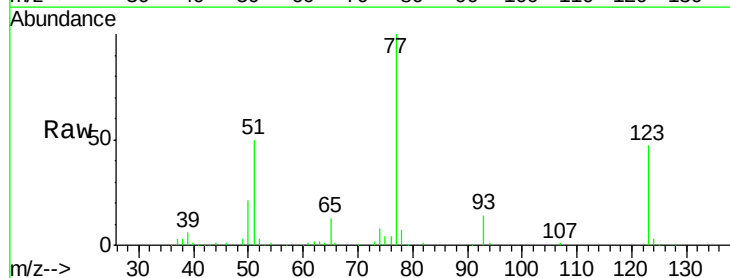
Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

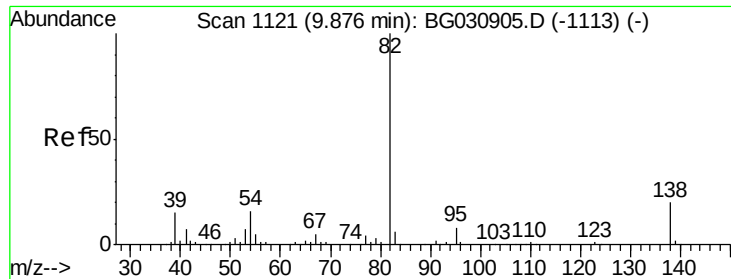
Tgt Ion: 82 Resp: 265369
 Ion Ratio Lower Upper
 82 100
 128 44.9 29.7 44.5#
 54 50.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 39.07 ng
 RT: 9.35 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion: 77 Resp: 135150
 Ion Ratio Lower Upper
 77 100
 123 47.4 33.0 49.6
 65 12.7 13.0 19.6#





#25

Isophorone

Concen: 38.20 ng

RT: 9.87 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

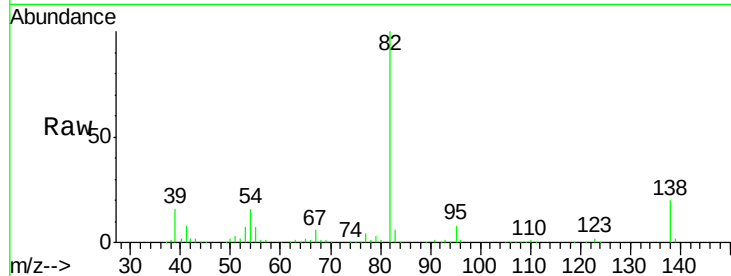
Tgt Ion: 82 Resp: 252274

Ion Ratio Lower Upper

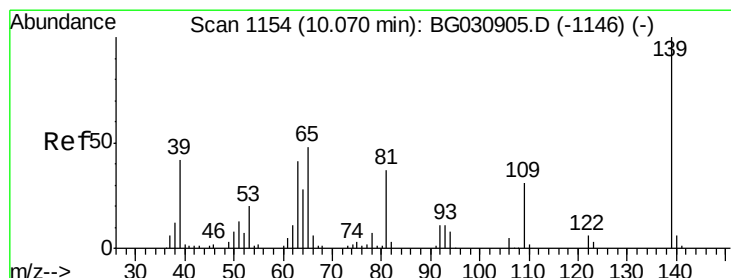
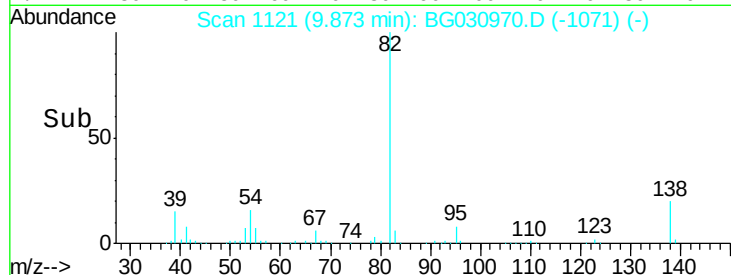
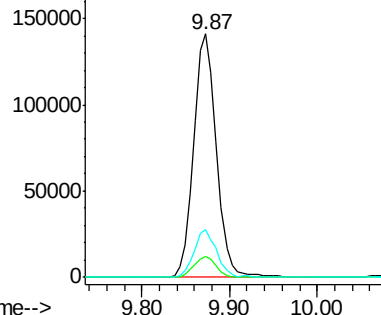
82 100

95 8.4 6.2 9.2

138 19.9 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 40.88 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

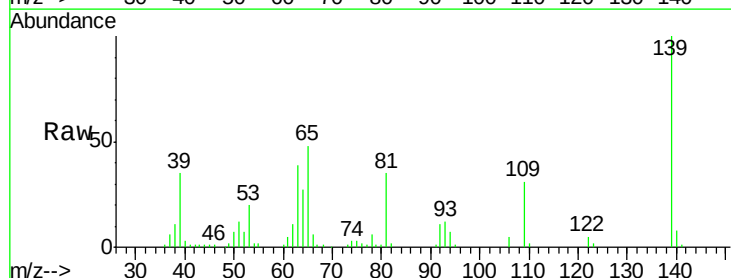
Tgt Ion: 139 Resp: 73714

Ion Ratio Lower Upper

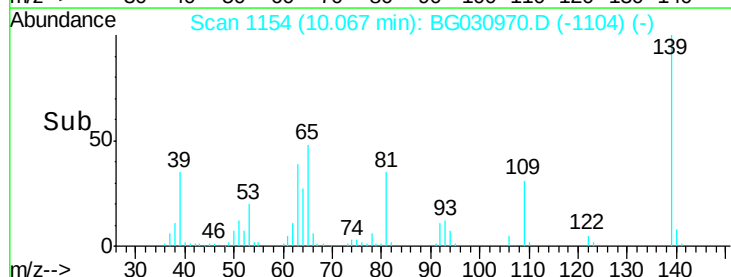
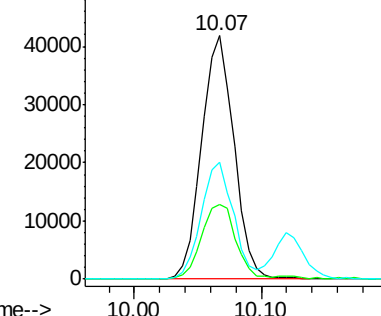
139 100

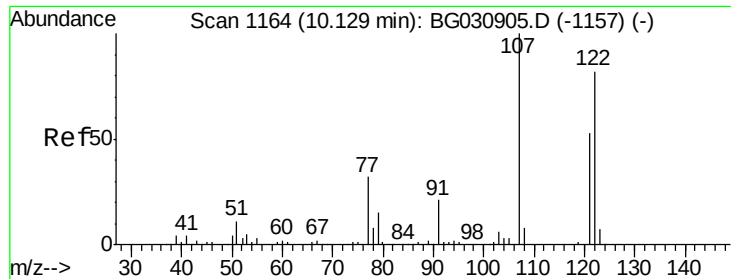
109 30.8 24.2 36.2

65 48.0 47.4 71.0



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

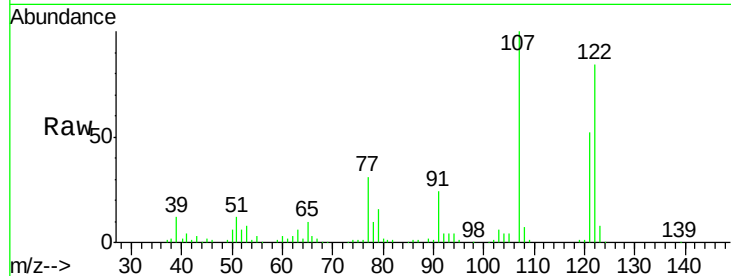




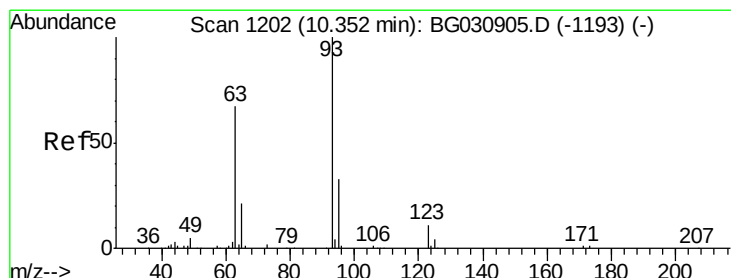
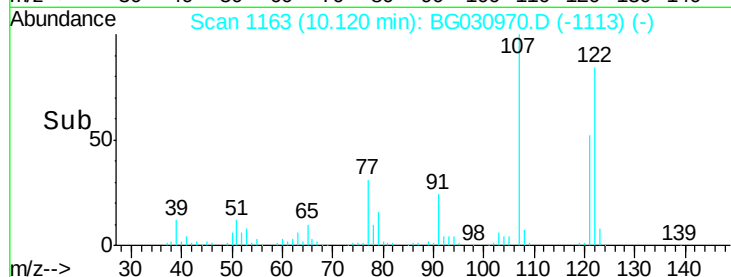
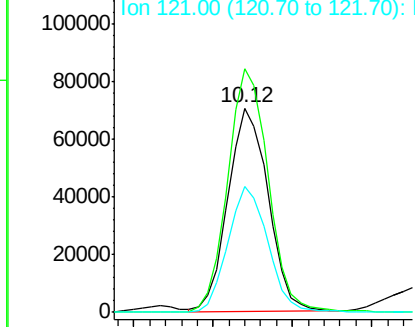
#27
 2,4-Dimethylphenol
 Concen: 46.34 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampled :
 PB104196BS

Tgt Ion:122 Resp: 124035
 Ion Ratio Lower Upper
 122 100
 107 119.2 100.2 150.2
 121 61.5 44.4 66.6

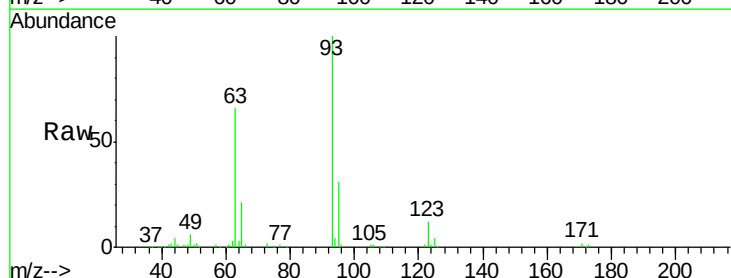


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

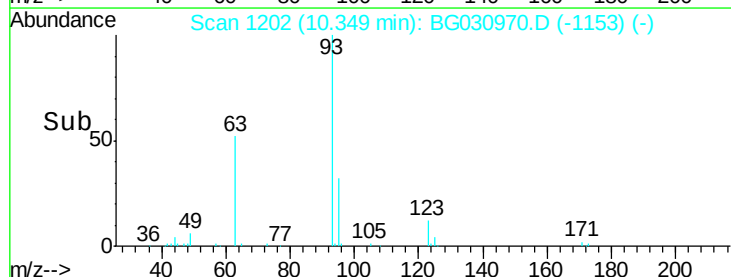
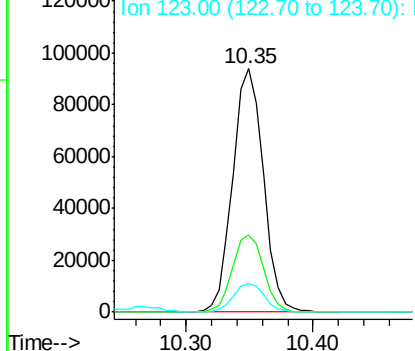


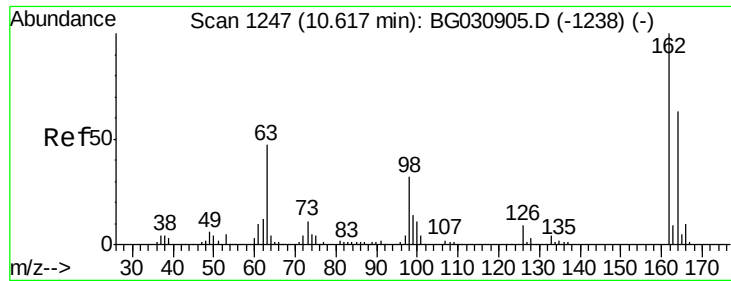
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.74 ng
 RT: 10.35 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion: 93 Resp: 156966
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 11.9 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

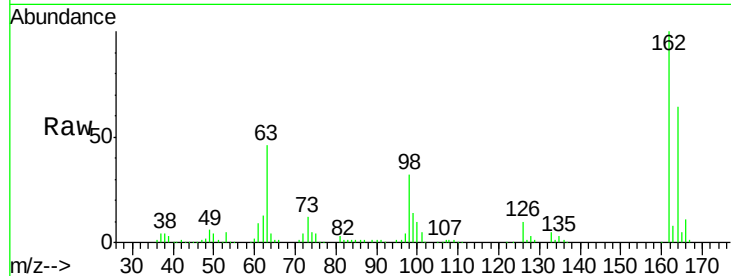




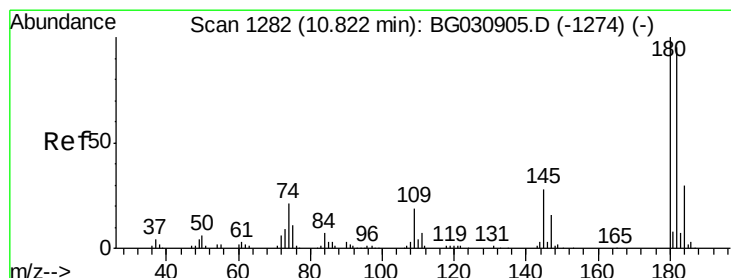
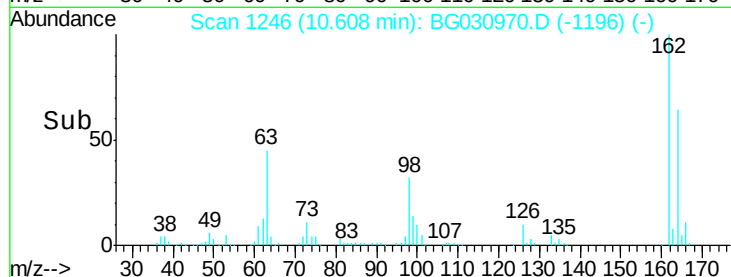
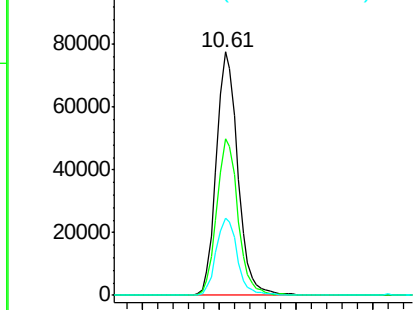
#29
 2,4-Dichlorophenol
 Concen: 46.53 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.0	88.0
98	31.8	21.1	61.1

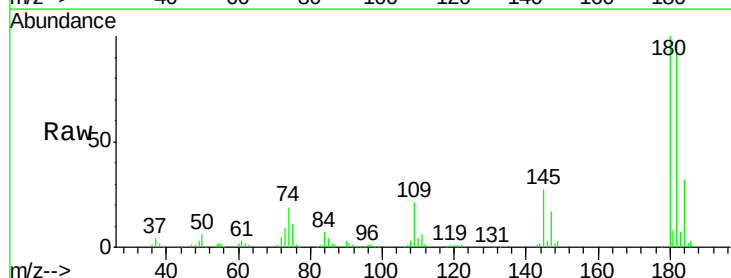


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

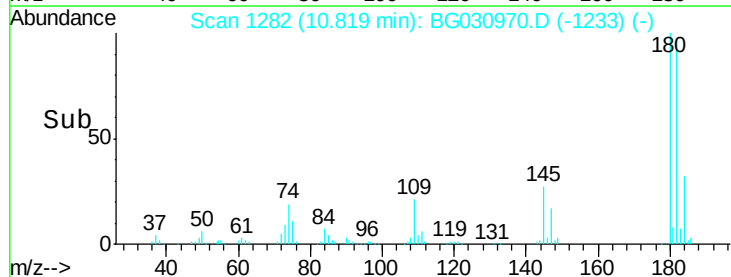
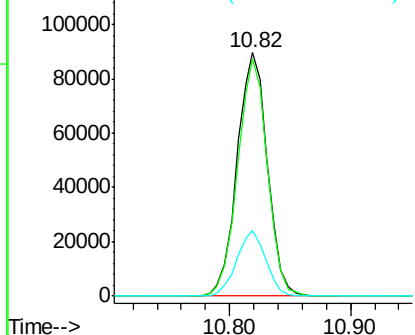


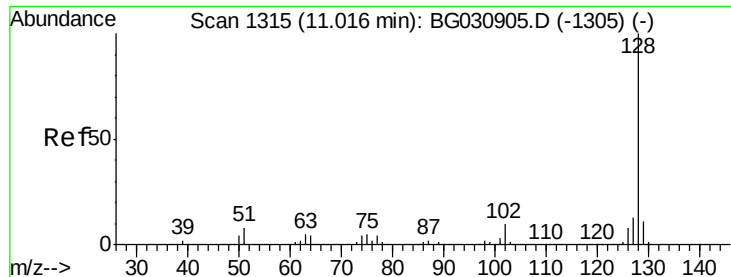
#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 10.82 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	27.1	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

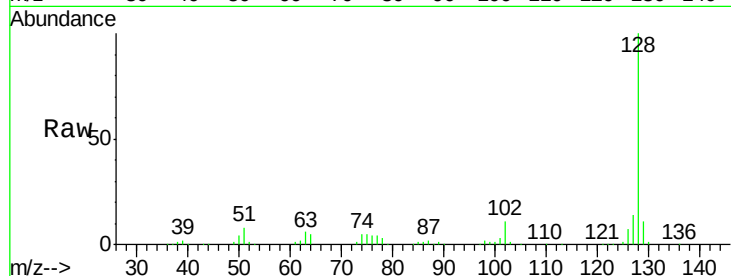




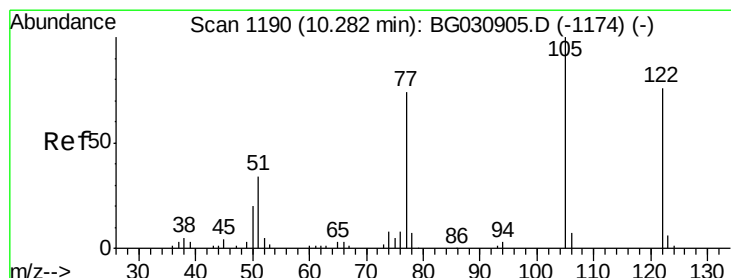
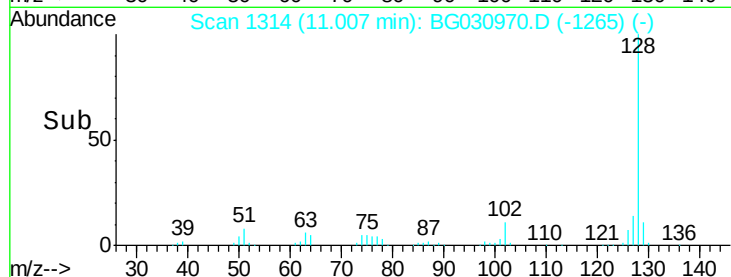
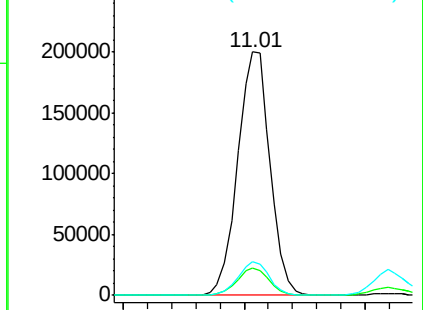
#31
Naphthalene
Concen: 37.56 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Tgt Ion:128 Resp: 370549
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.0 11.6 17.4

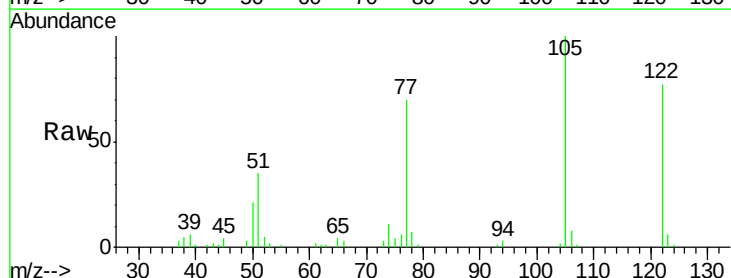


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

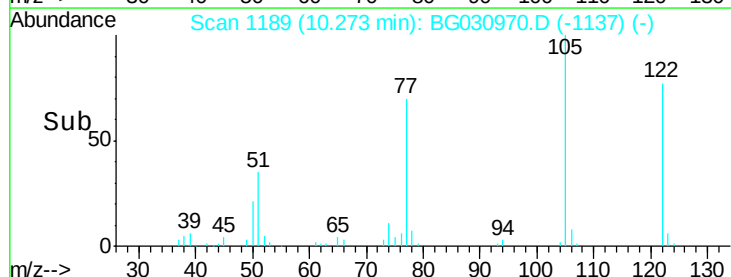
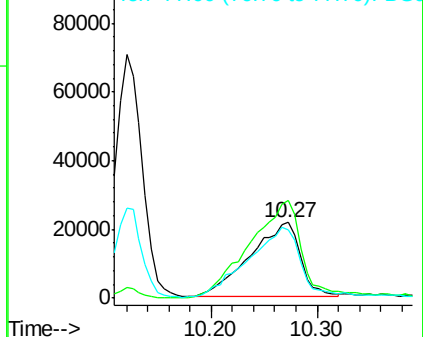


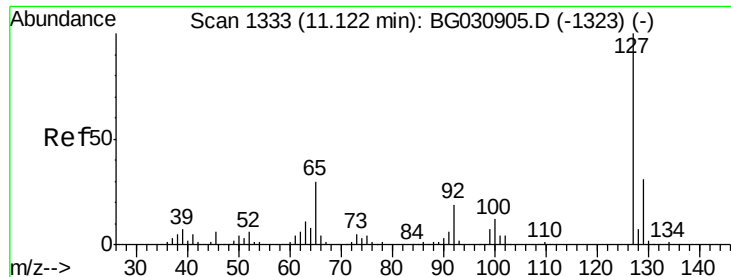
#32
Benzoic acid
Concen: 33.63 ng
RT: 10.27 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:122 Resp: 70706
Ion Ratio Lower Upper
122 100
105 129.2 123.5 163.5
77 90.8 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

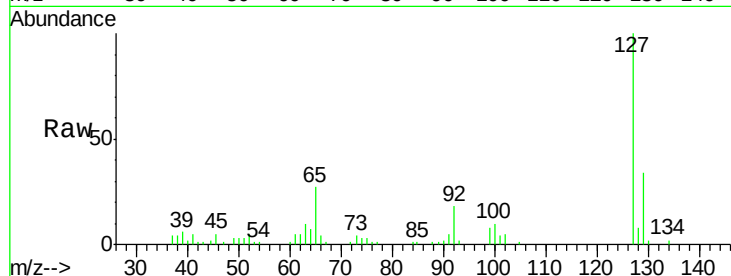




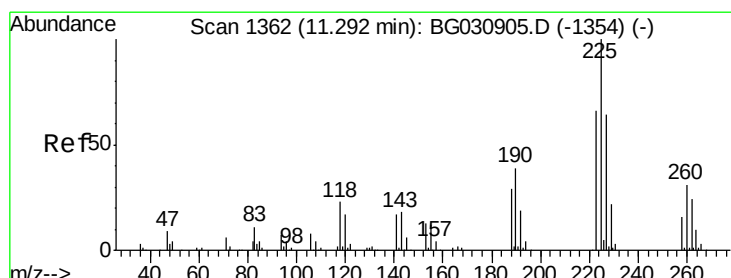
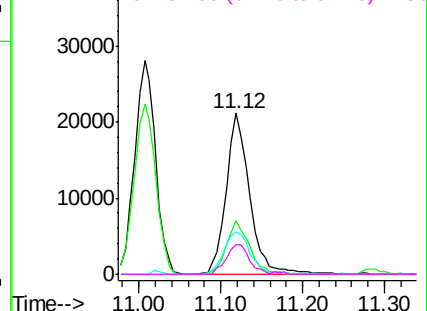
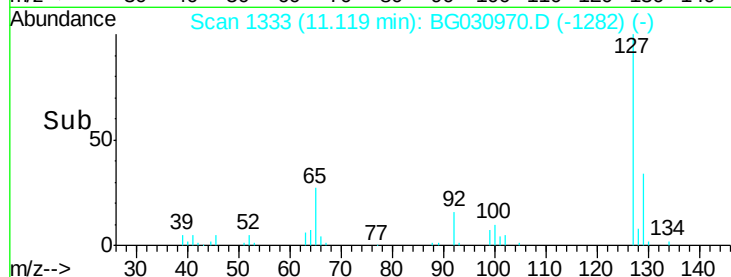
#33
4-Chloroaniline
Concen: 9.80 ng
RT: 11.12 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Tgt Ion:	127	Resp:	42325
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.0	36.0
65	26.6	27.0	40.4#
92	18.1	16.6	25.0

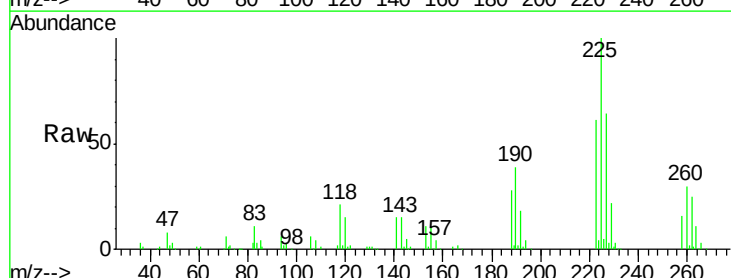


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

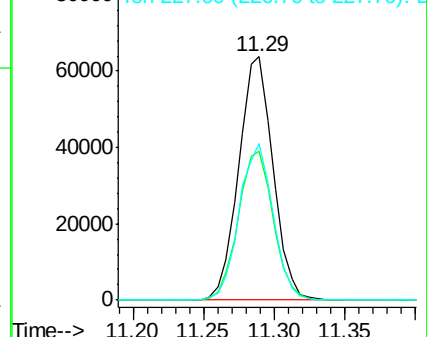
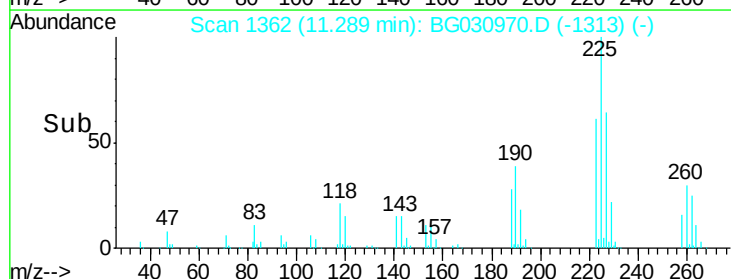


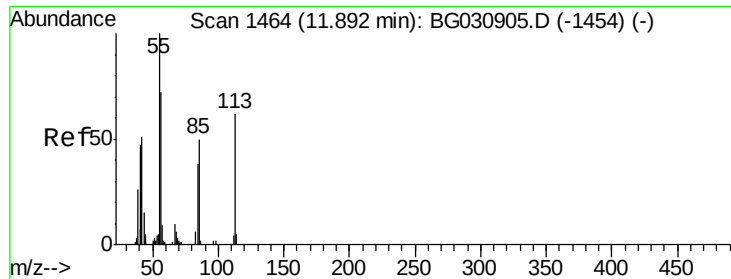
#34
Hexachlorobutadiene
Concen: 40.81 ng
RT: 11.29 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:	225	Resp:	108621
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	64.2	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: 20.59 ng

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

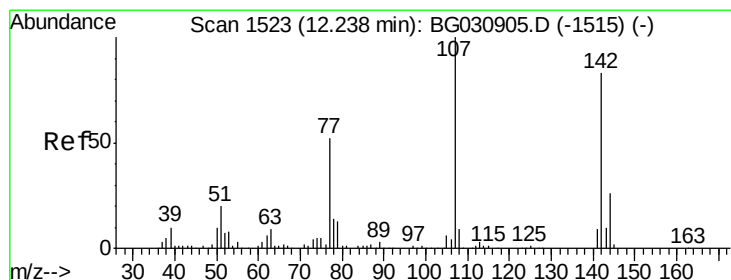
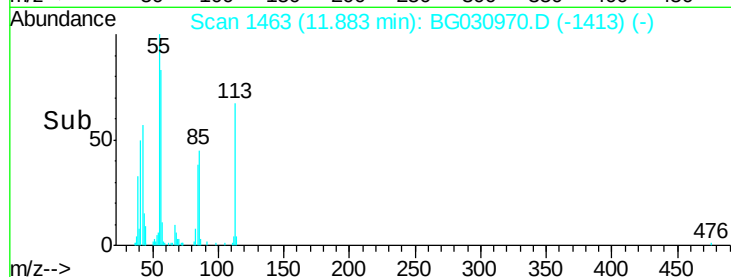
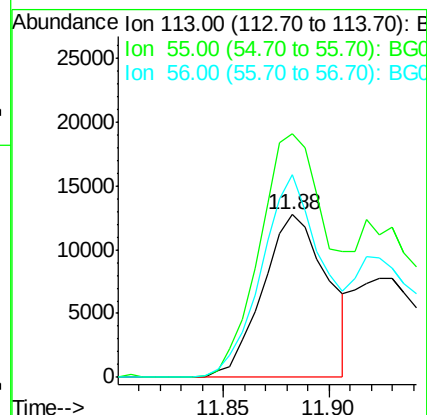
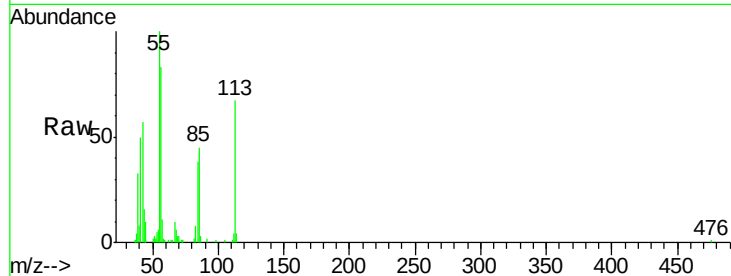
Tgt Ion:113 Resp: 27041

Ion Ratio Lower Upper

113 100

55 149.8 186.9 226.9#

56 124.5 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 41.56 ng

RT: 12.24 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

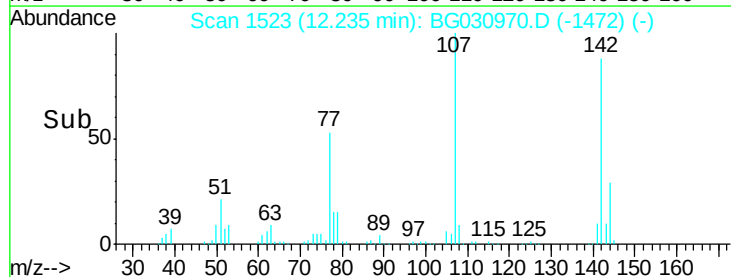
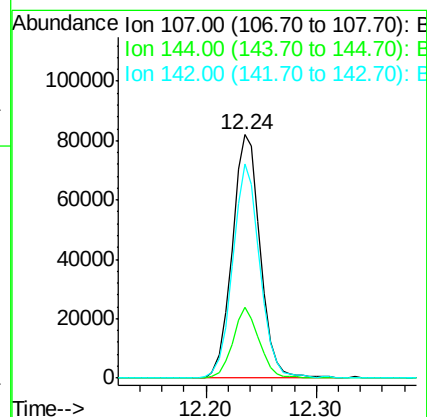
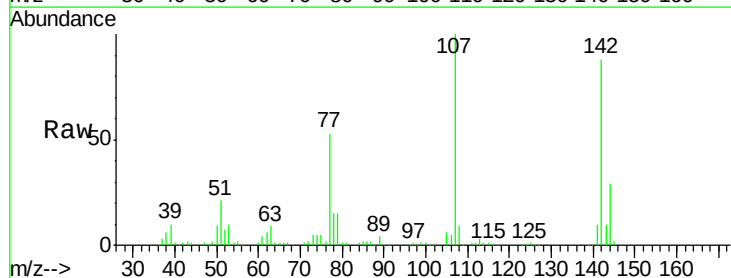
Tgt Ion:107 Resp: 145401

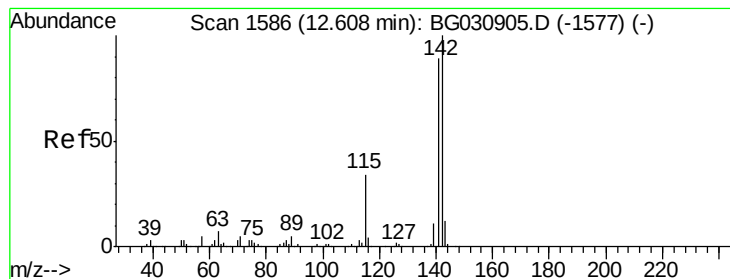
Ion Ratio Lower Upper

107 100

144 29.0 18.2 27.4#

142 88.1 59.0 88.4





#37

2-Methylnaphthalene

Concen: 39.71 ng

RT: 12.60 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

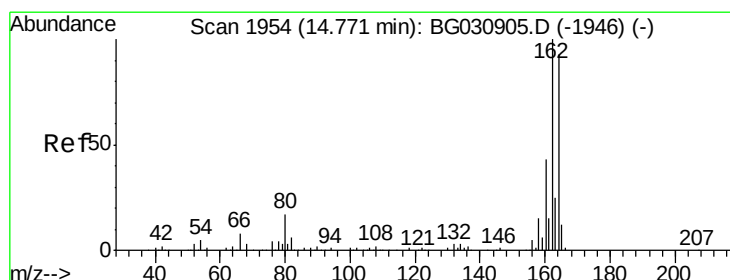
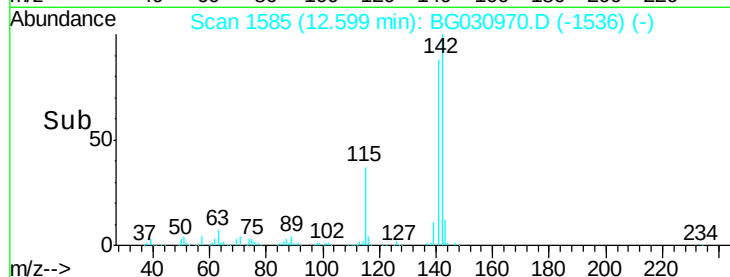
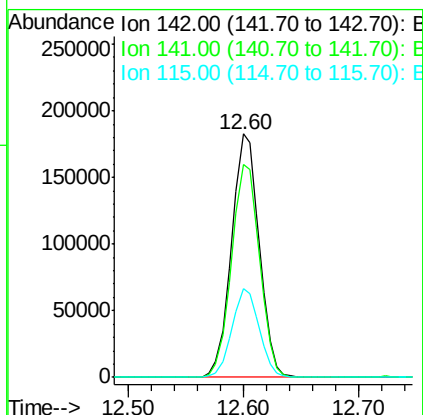
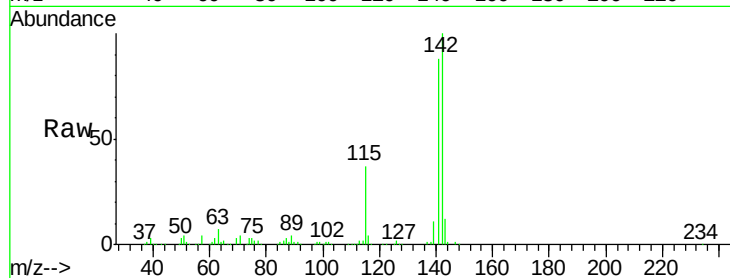
Instrument :

BNA_G

ClientSampleId :

PB104196BS

Tgt Ion:	142	Resp:	302367
Ion	Ratio	Lower	Upper
142	100		
141	87.6	67.1	100.7
115	36.7	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.00 ng

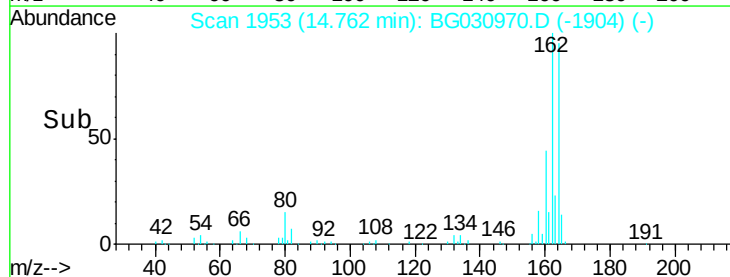
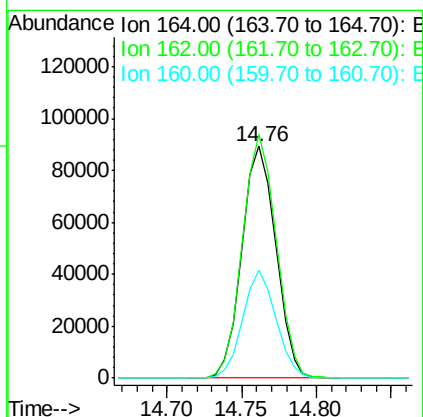
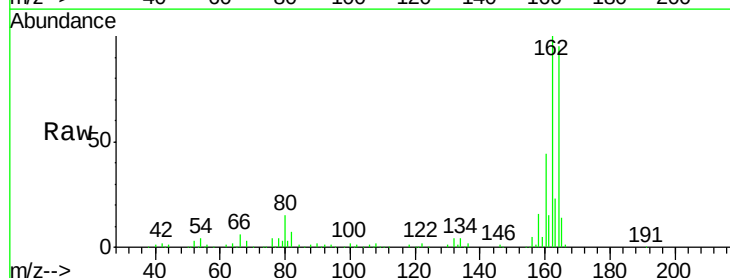
RT: 14.76 min Scan# 1953

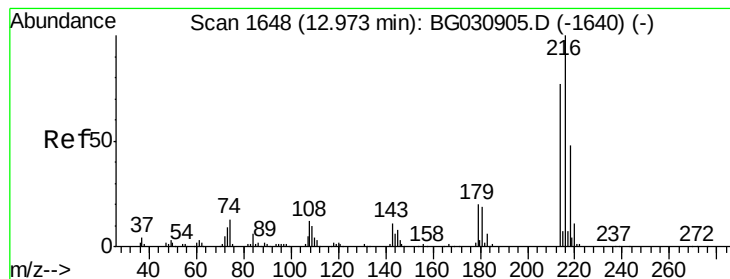
Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Tgt Ion:	164	Resp:	140402
Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	46.8	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.74 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

Tgt Ion:216 Resp: 204708

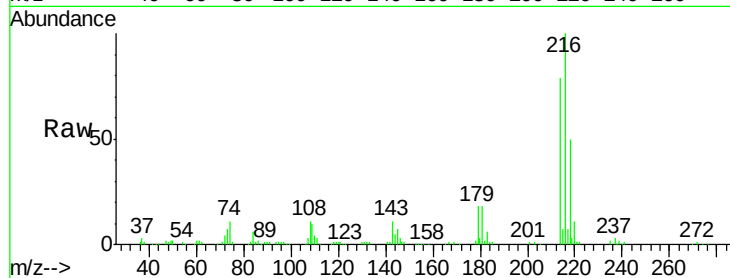
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 18.2 17.0 25.6

108 12.9 12.8 19.2

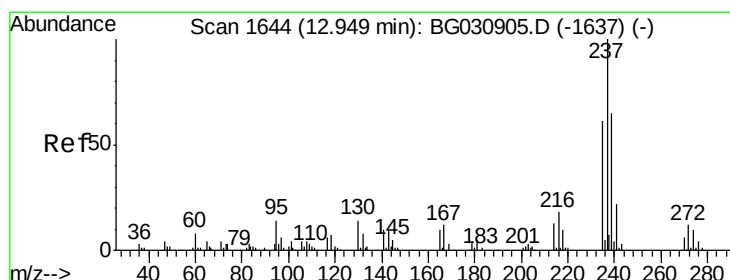
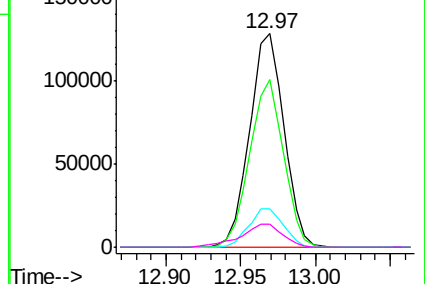
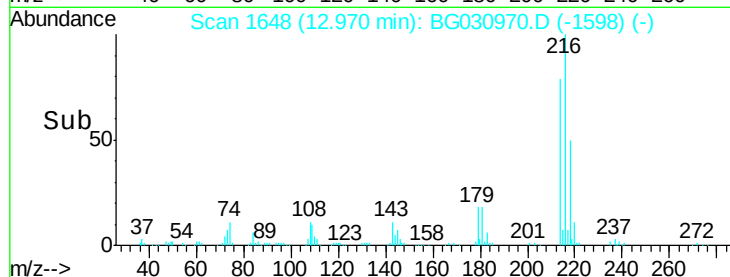


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.47 ng

RT: 12.95 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

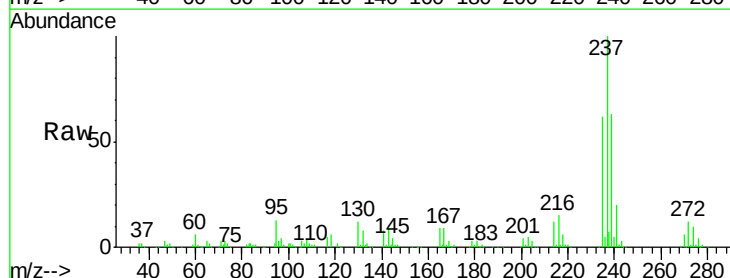
Tgt Ion:237 Resp: 180257

Ion Ratio Lower Upper

237 100

235 62.0 50.4 90.4

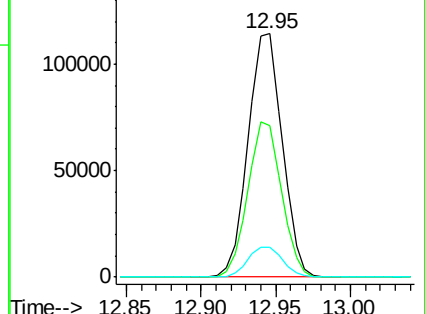
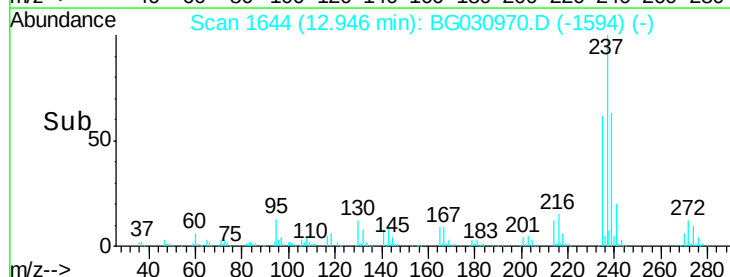
272 12.2 0.0 31.8

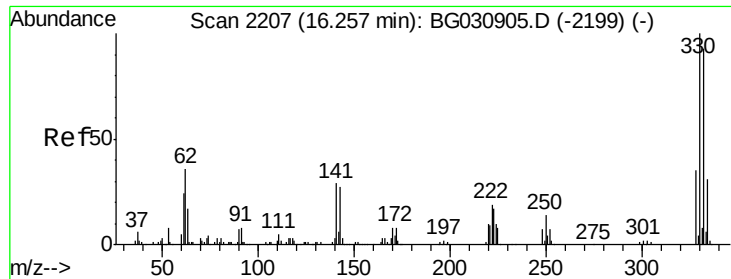


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

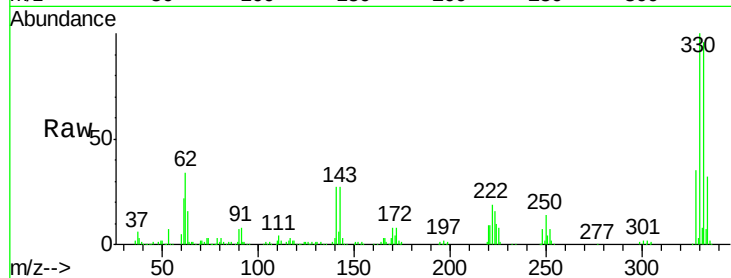




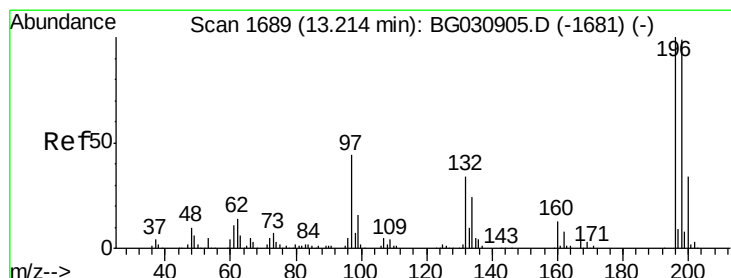
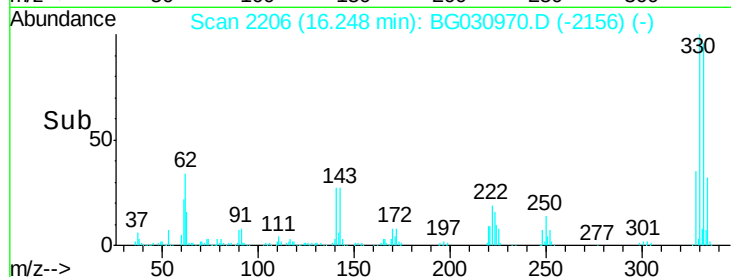
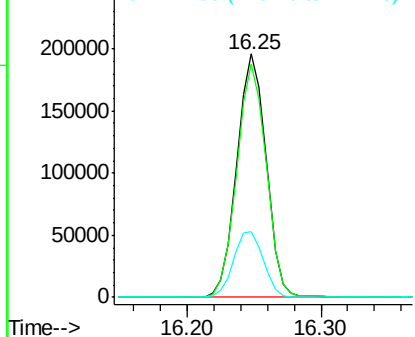
#41
 2,4,6-Tribromophenol
 Concen: 131.54 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

Tgt Ion:330 Resp: 298763
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 27.8 25.2 37.8

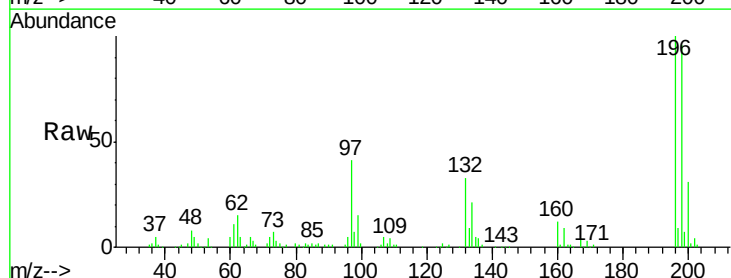


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

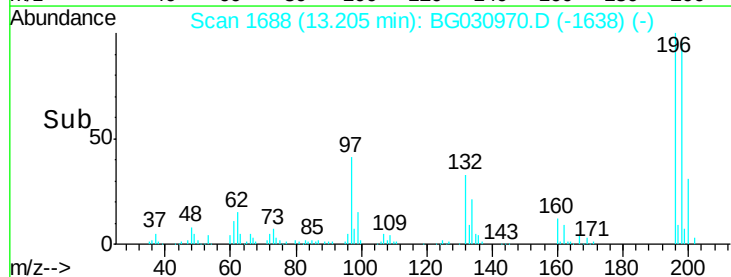
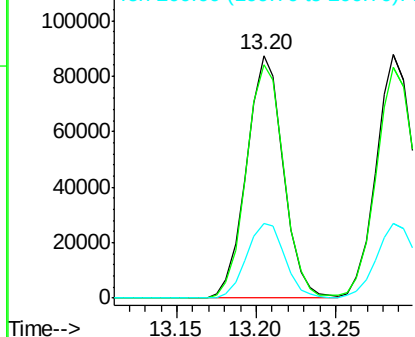


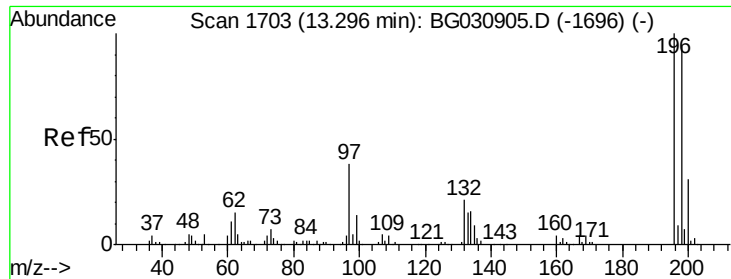
#42
 2,4,6-Trichlorophenol
 Concen: 44.35 ng
 RT: 13.20 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion:196 Resp: 141281
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.2 117.2
 200 31.0 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

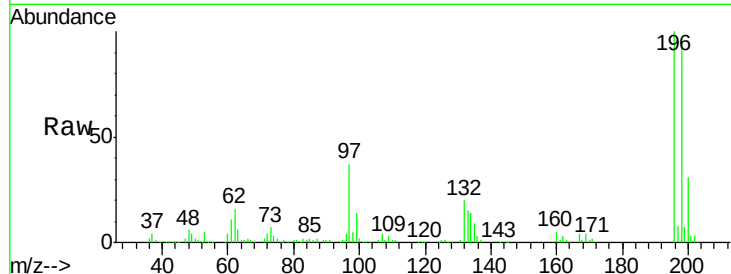




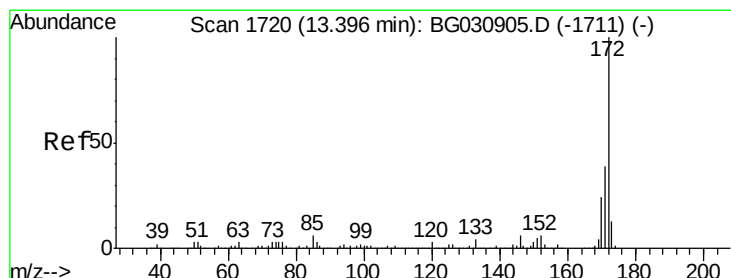
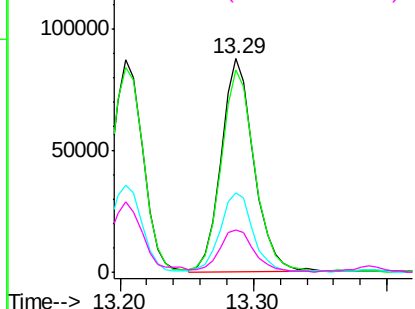
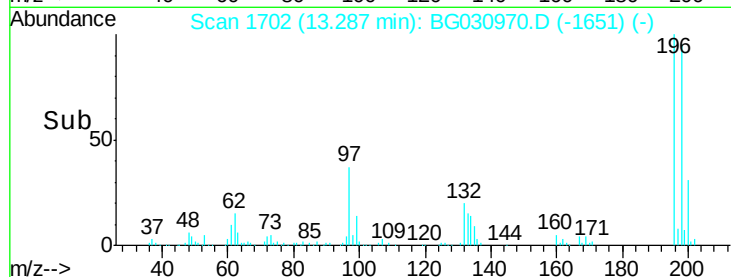
#43
2,4,5-Trichlorophenol
Concen: 43.07 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.4
97	37.4	38.7	58.1#
132	19.8	20.2	30.2#

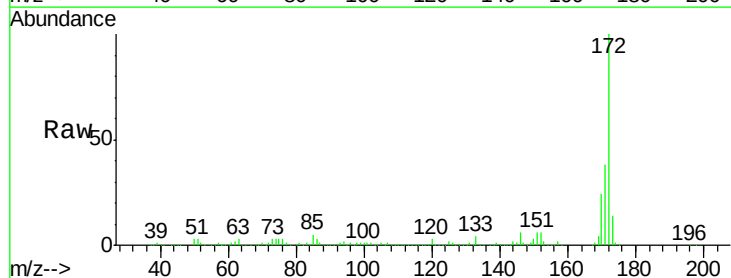


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

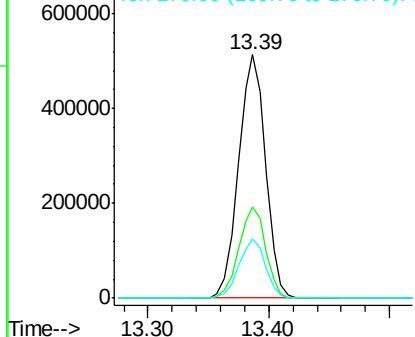
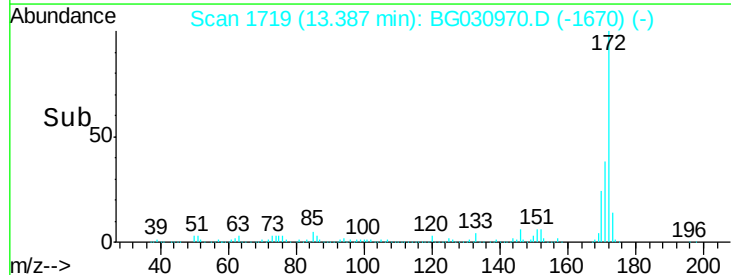


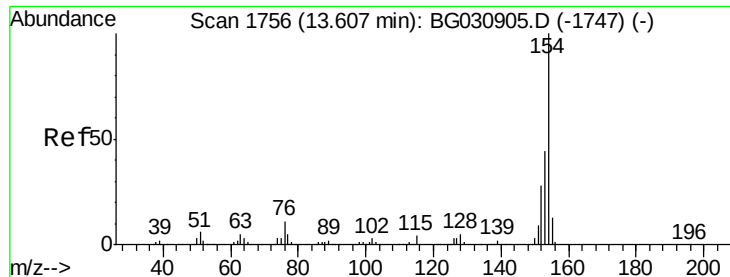
#44
2-Fluorobiphenyl
Concen: 81.48 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	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

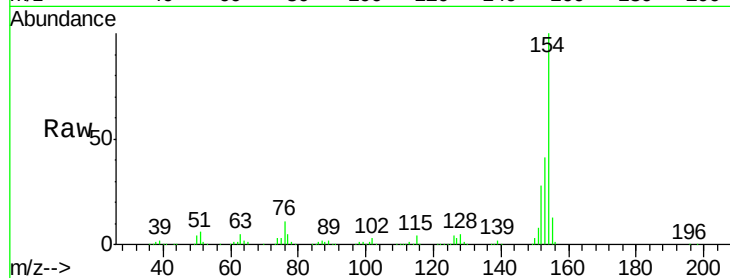




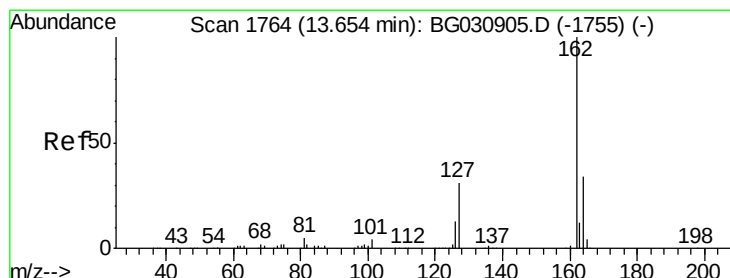
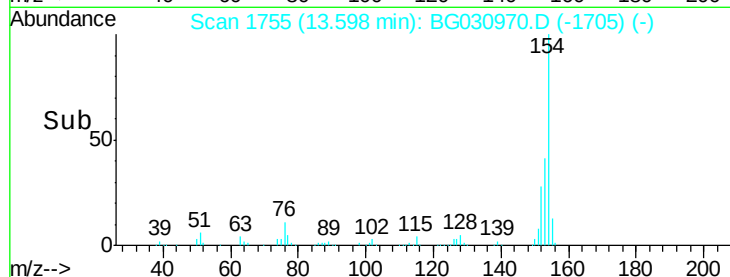
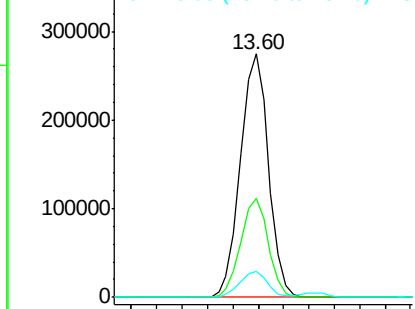
#45
 1,1'-Biphenyl
 Concen: 36.06 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	10.7	0.0	31.9

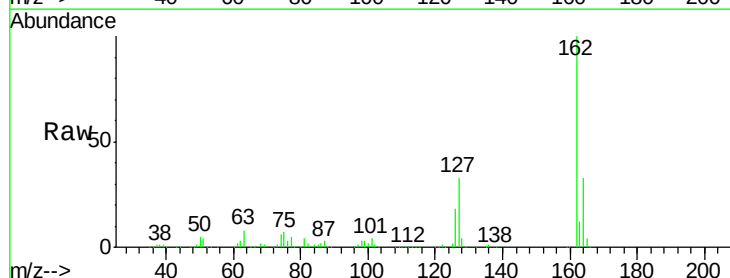


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

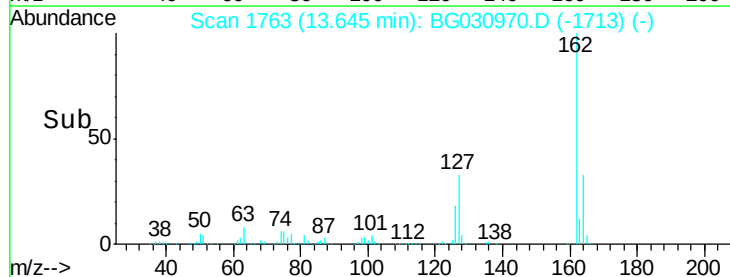
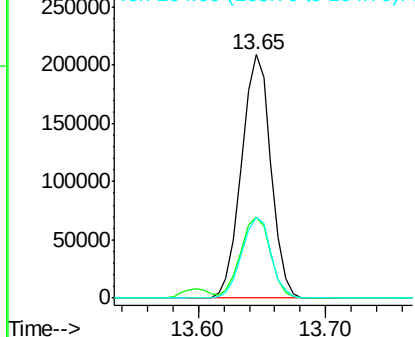


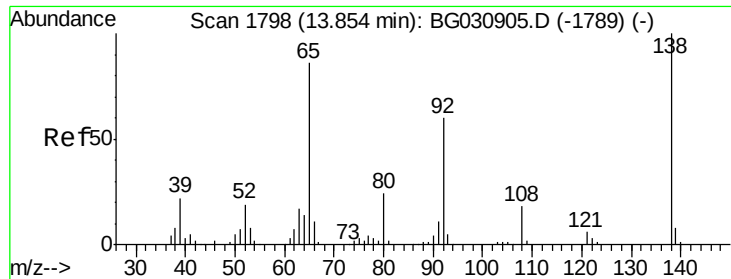
#46
 2-Chloronaphthalene
 Concen: 39.93 ng
 RT: 13.65 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.2	30.7	46.1
164	33.1	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

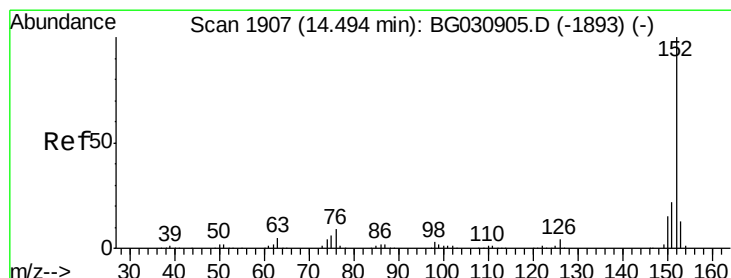
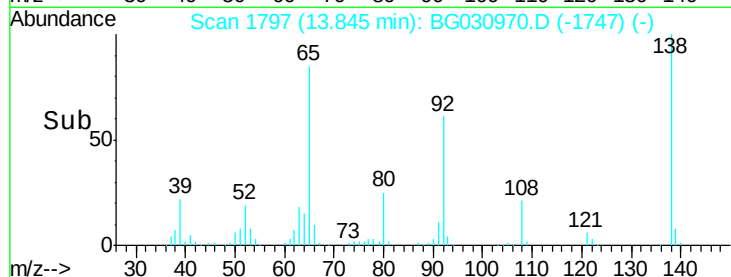
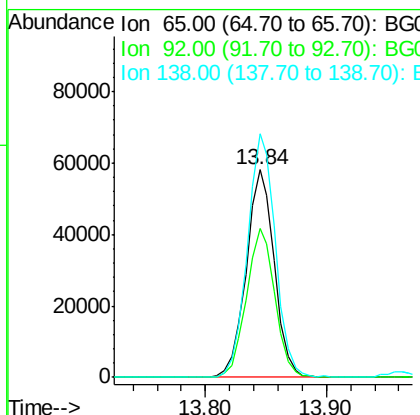
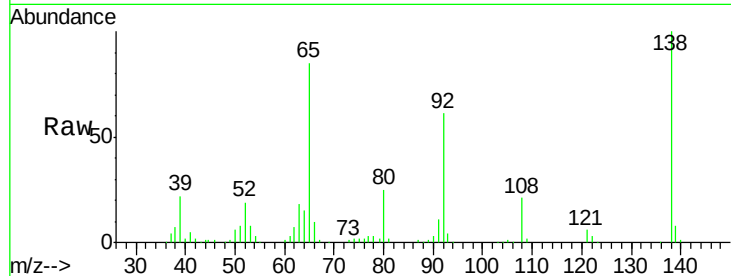




#47
2-Nitroaniline
Concen: 37.76 ng
RT: 13.84 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

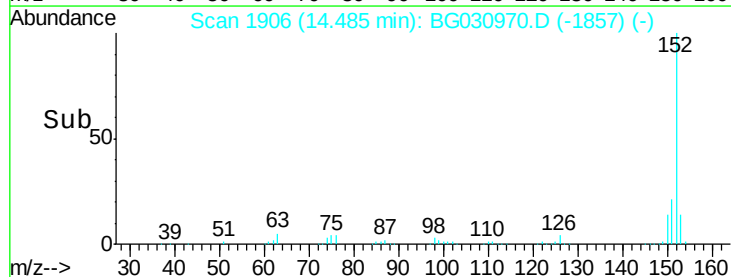
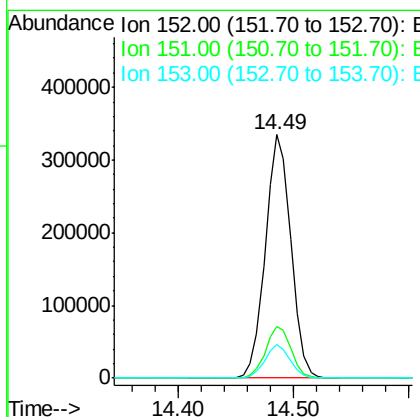
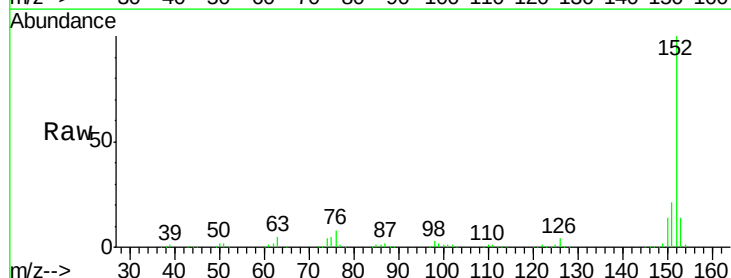
Instrument :
BNA_G
ClientSampleId :
PB104196BS

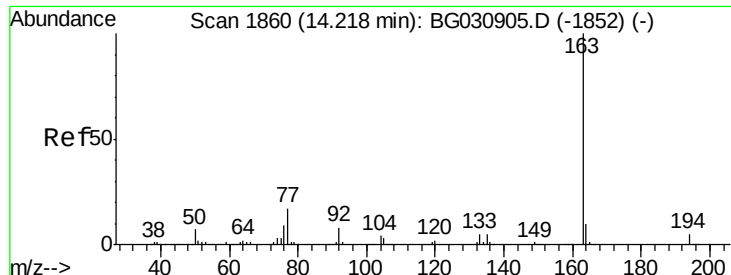
Tgt Ion: 65 Resp: 94004
Ion Ratio Lower Upper
65 100
92 71.6 54.6 82.0
138 117.3 72.9 109.3#



#48
Acenaphthylene
Concen: 37.51 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion: 152 Resp: 515708
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 38.56 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

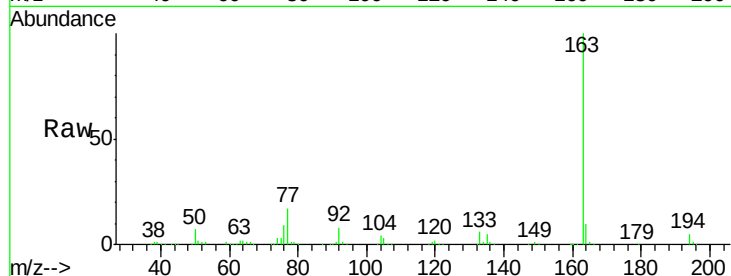
Tgt Ion:163 Resp: 468054

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

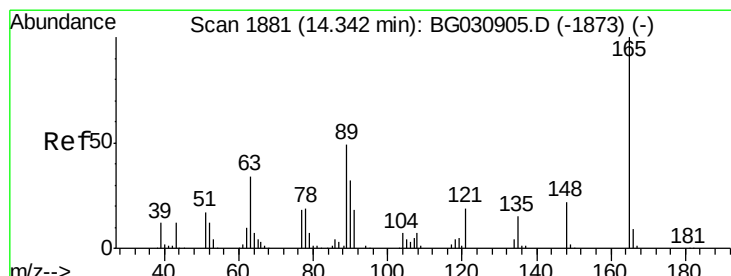
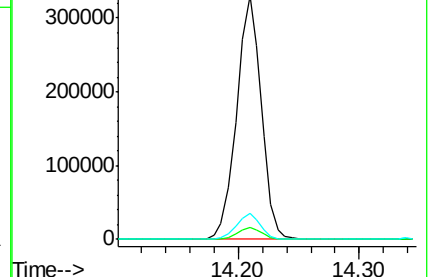
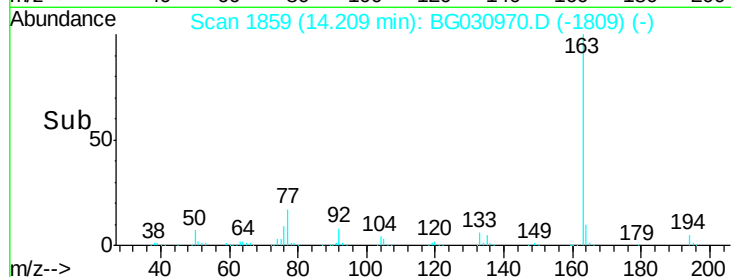
164 10.5 8.2 12.4



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: 41.65 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

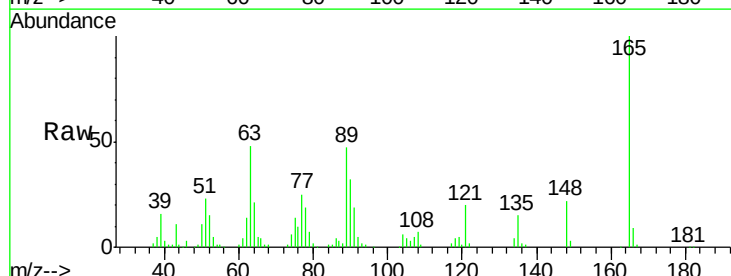
Tgt Ion:165 Resp: 104215

Ion Ratio Lower Upper

165 100

63 47.6 52.7 79.1#

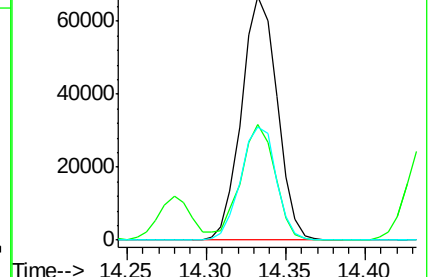
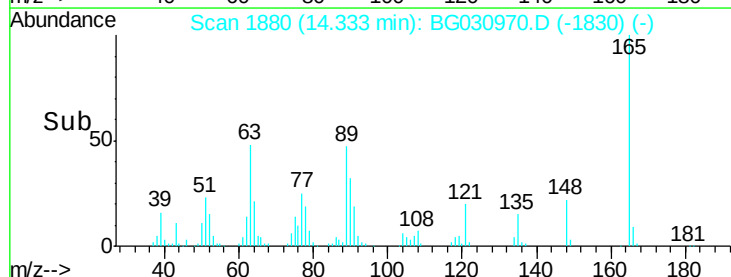
89 46.5 49.2 73.8#

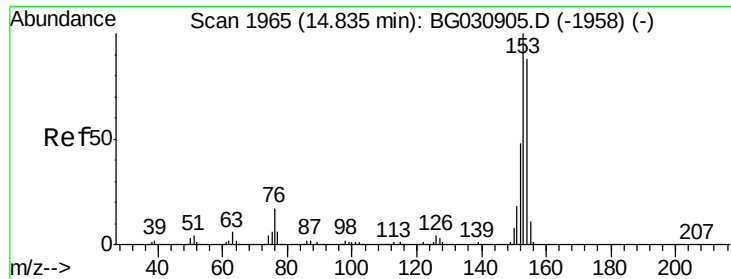


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

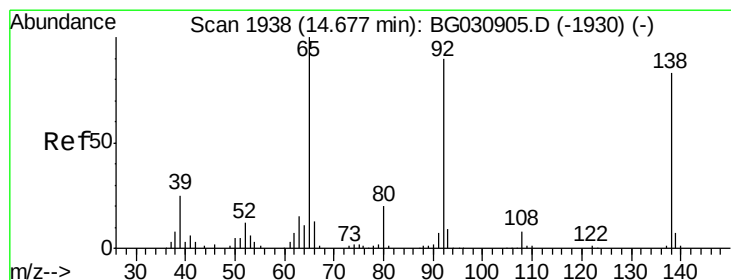
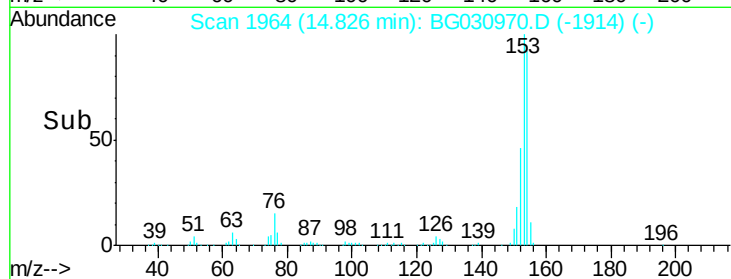
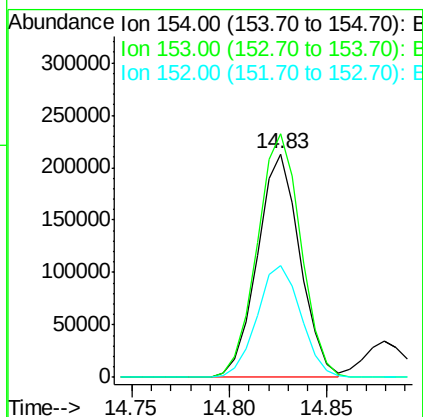
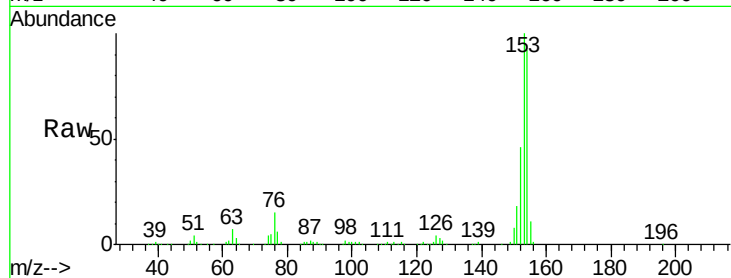




#51
Acenaphthene
Concen: 37.49 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

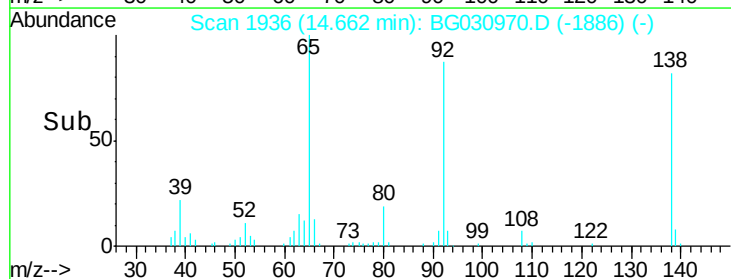
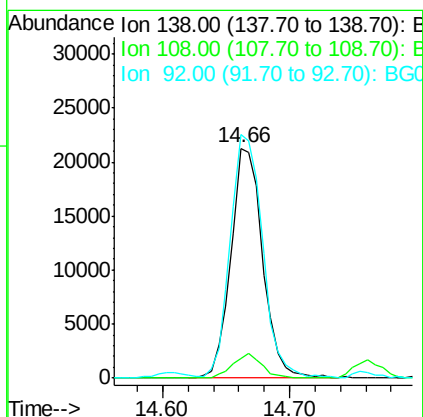
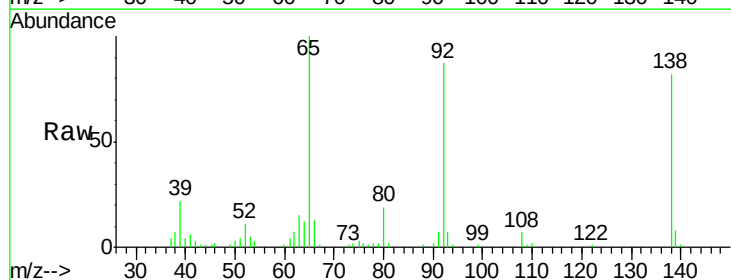
Instrument :
BNA_G
ClientSampleId :
PB104196BS

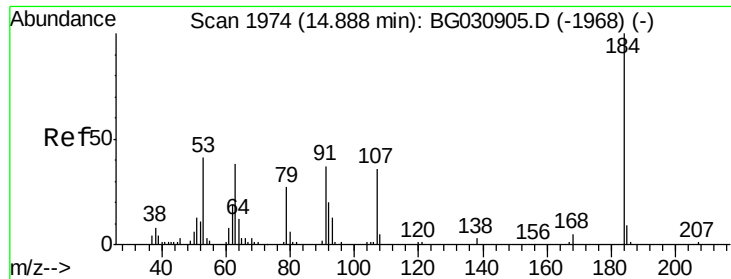
Tgt Ion:154 Resp: 321886
Ion Ratio Lower Upper
154 100
153 109.1 90.4 135.6
152 50.4 41.6 62.4



#52
3-Nitroaniline
Concen: 13.81 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:138 Resp: 36696
Ion Ratio Lower Upper
138 100
108 8.8 17.5 26.3#
92 106.1 105.8 158.8

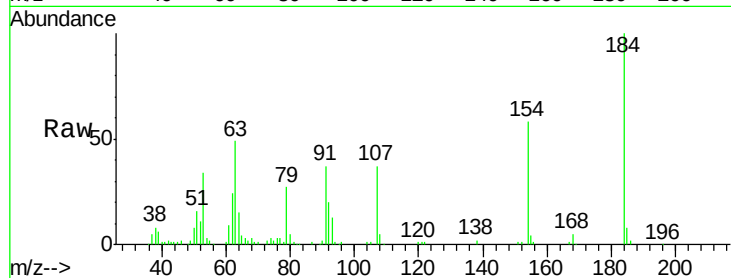




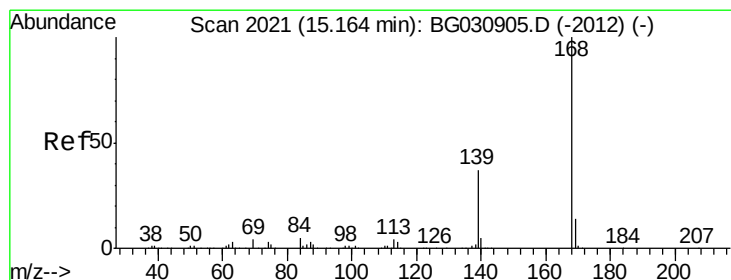
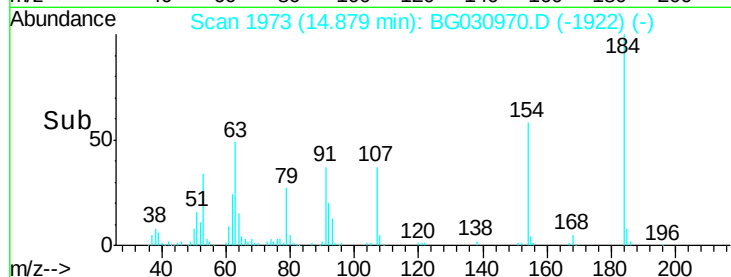
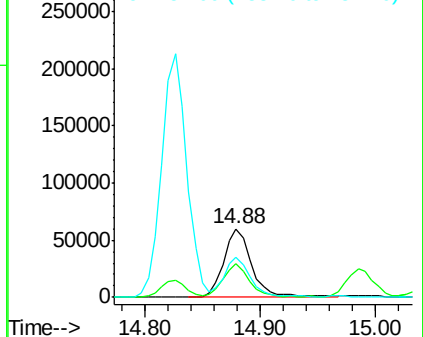
#53
2,4-Dinitrophenol
Concen: 74.33 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Tgt Ion:184 Resp: 101697
Ion Ratio Lower Upper
184 100
63 48.8 59.8 89.8#
154 58.2 101.8 152.8#

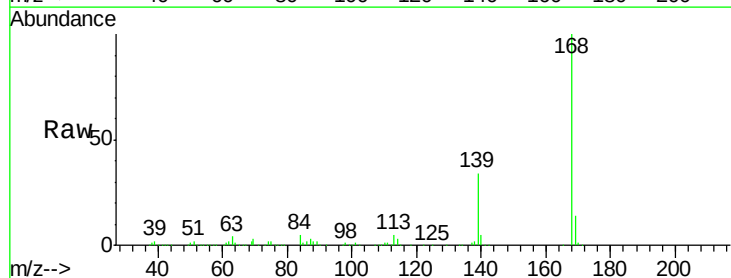


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

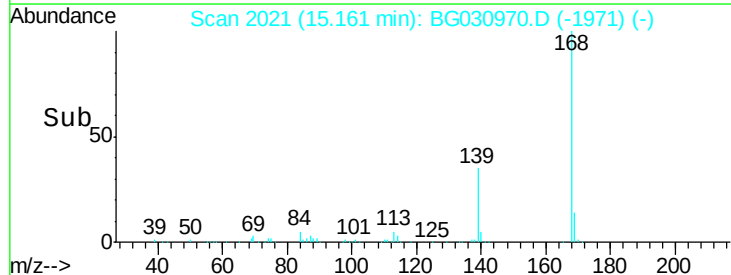
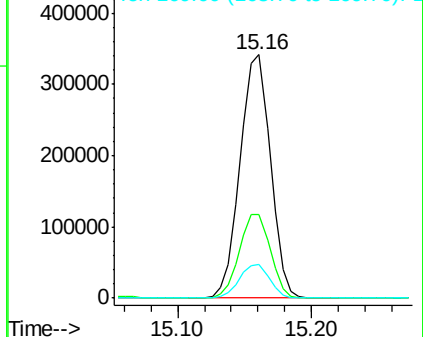


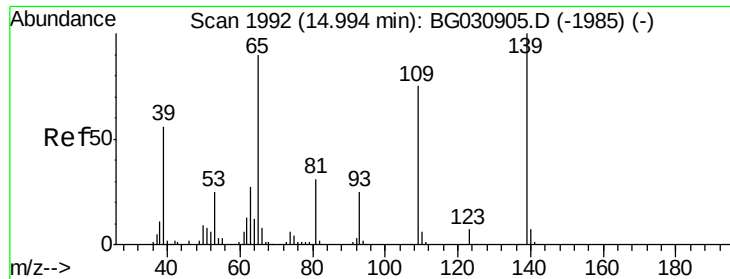
#54
Dibenzofuran
Concen: 39.25 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:168 Resp: 536794
Ion Ratio Lower Upper
168 100
139 34.4 28.6 43.0
169 13.6 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

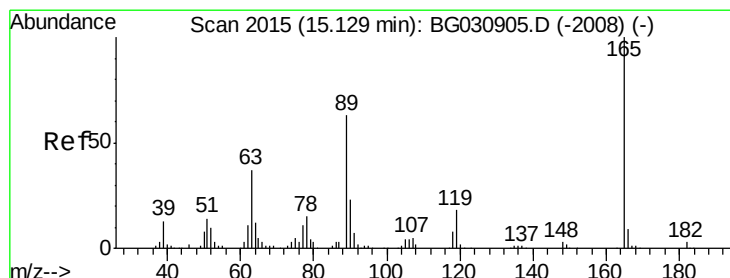
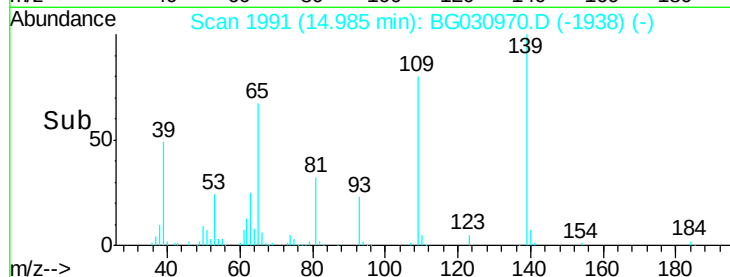
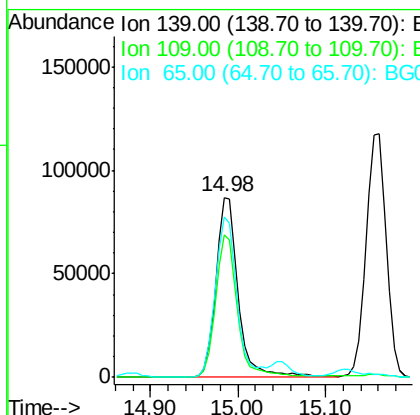
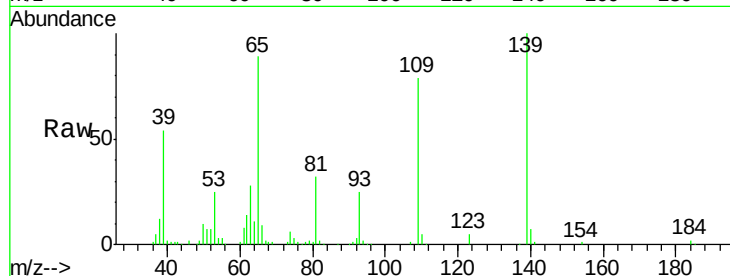




#55
4-Nitrophenol
Concen: 81.76 ng
RT: 14.98 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

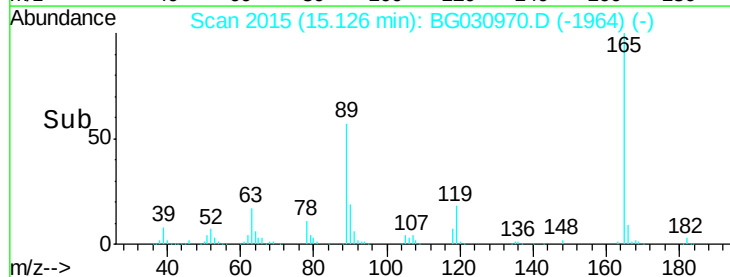
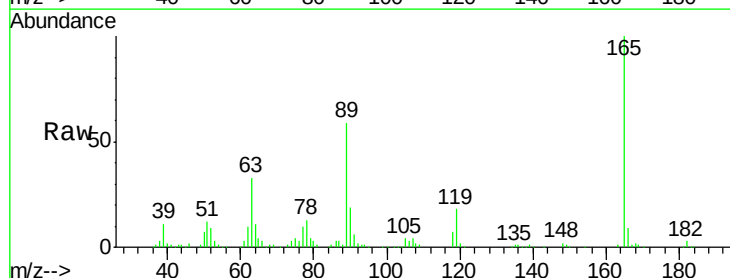
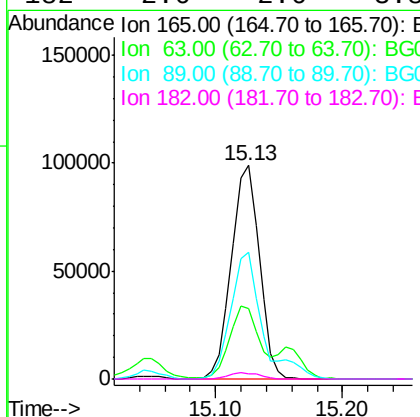
Instrument :
BNA_G
ClientSampleId :
PB104196BS

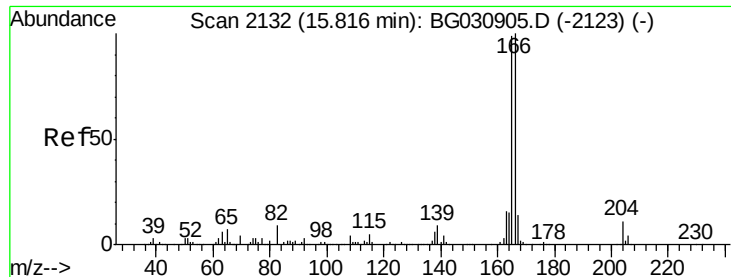
Tgt Ion:139 Resp: 154744
Ion Ratio Lower Upper
139 100
109 79.4 62.2 102.2
65 88.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.81 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:165 Resp: 151245
Ion Ratio Lower Upper
165 100
63 32.7 42.0 63.0#
89 59.2 66.9 100.3#
182 2.6 2.6 3.8

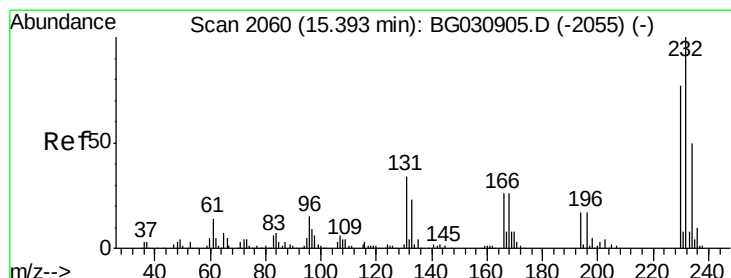
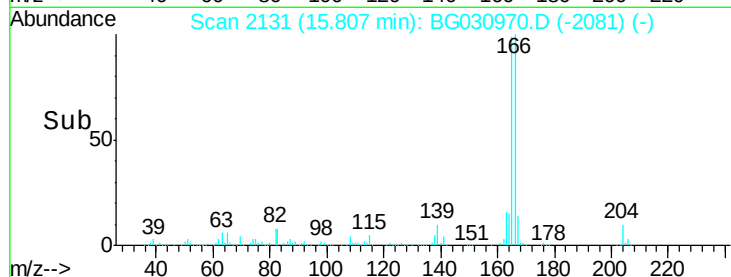
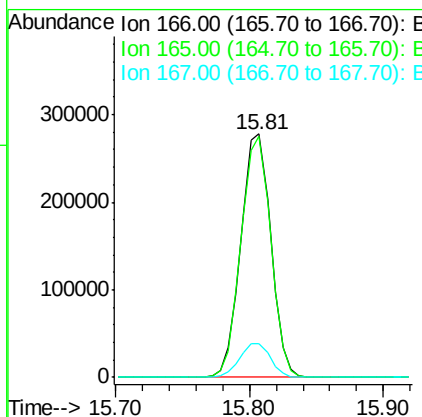
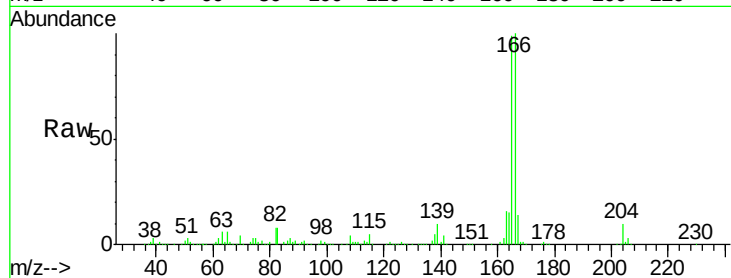




#57
 Fluorene
 Concen: 38.82 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

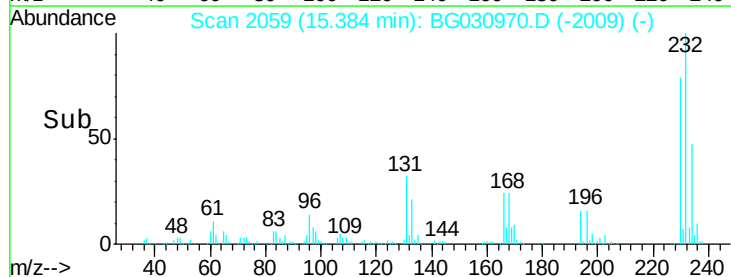
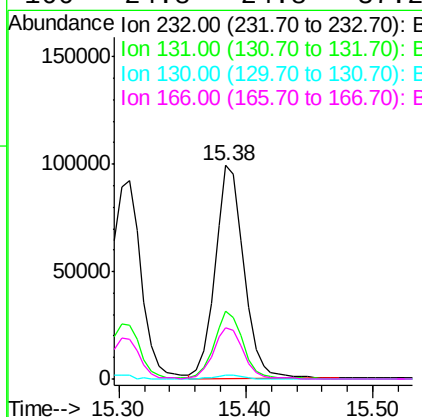
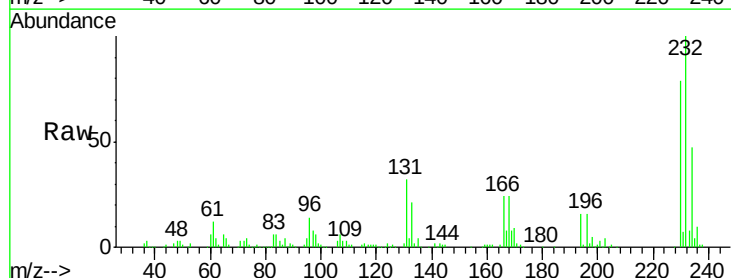
Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

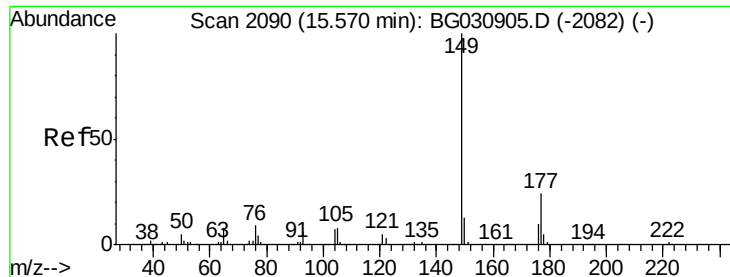
Tgt Ion:166 Resp: 431089
 Ion Ratio Lower Upper
 166 100
 165 99.3 80.6 121.0
 167 13.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.03 ng
 RT: 15.38 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion:232 Resp: 156236
 Ion Ratio Lower Upper
 232 100
 131 31.3 33.5 50.3#
 130 1.9 2.2 3.2#
 166 24.8 24.8 37.2#





#59

Diethylphthalate

Concen: 37.40 ng

RT: 15.56 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

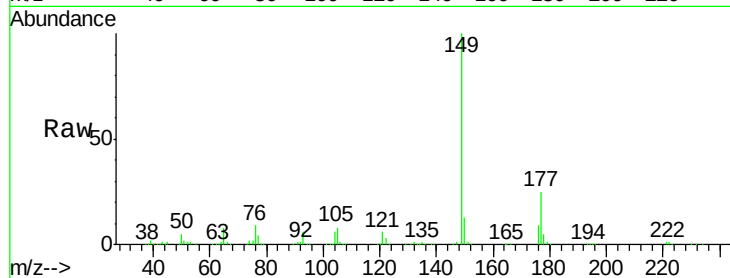
Tgt Ion:149 Resp: 461250

Ion Ratio Lower Upper

149 100

177 25.1 18.5 27.7

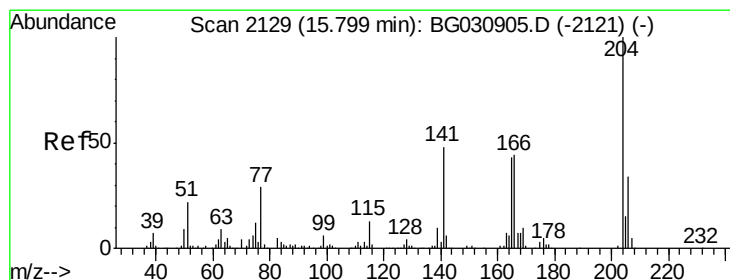
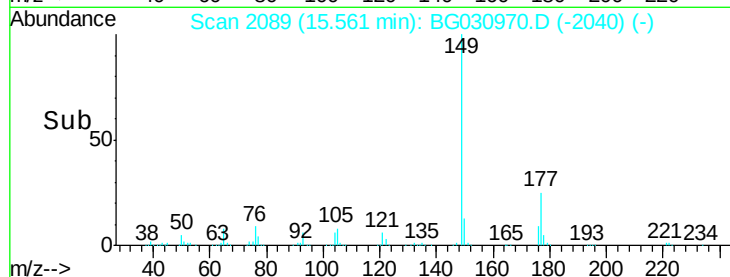
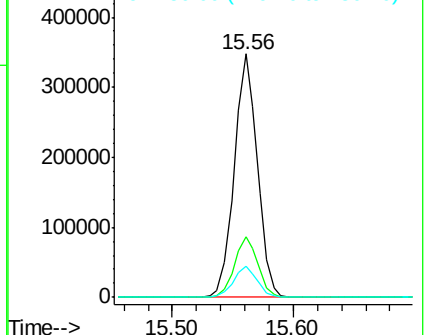
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.07 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

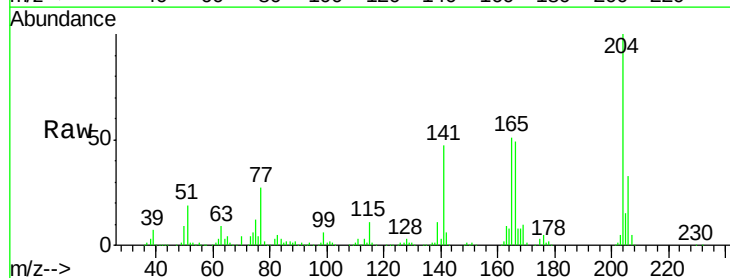
Tgt Ion:204 Resp: 268703

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

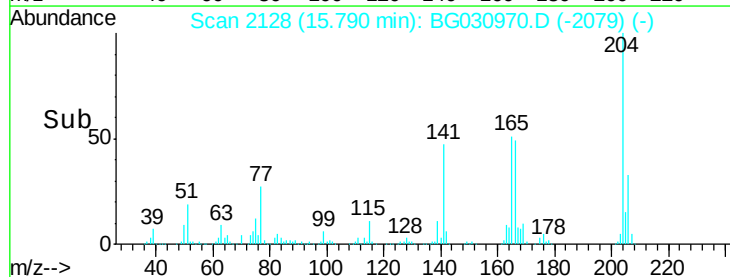
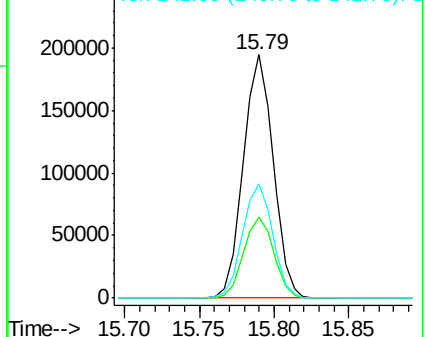
141 47.1 45.8 68.6

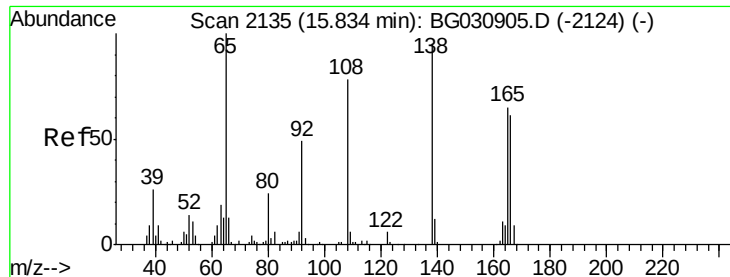


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

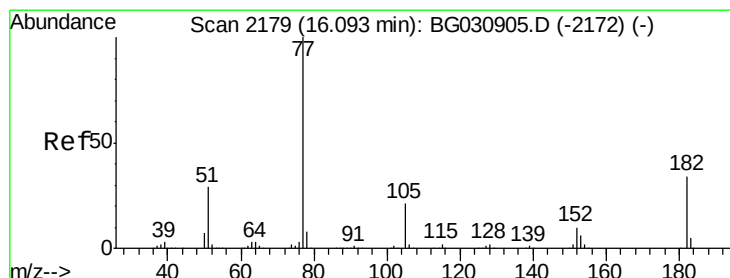
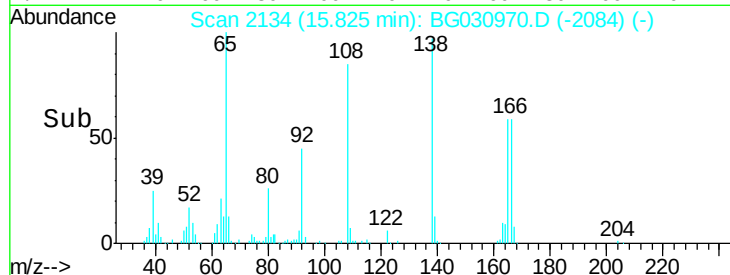
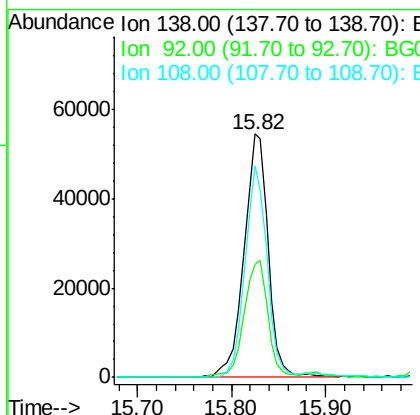
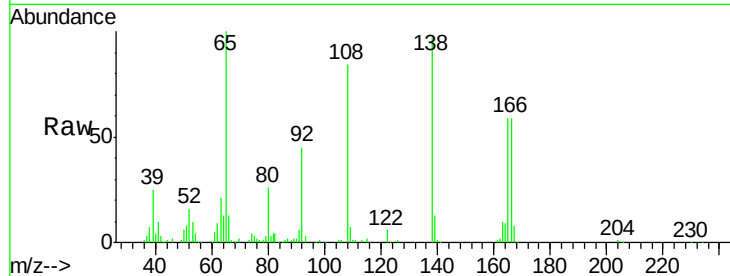




#61
4-Nitroaniline
Concen: 34.43 ng
RT: 15.82 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

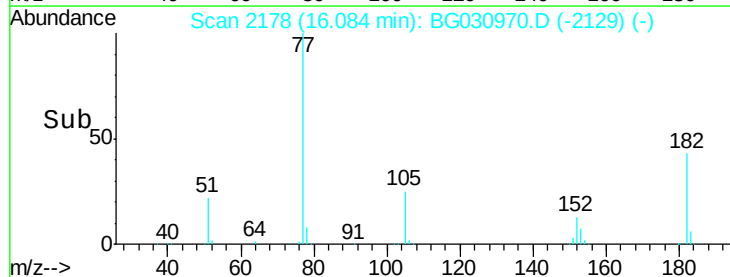
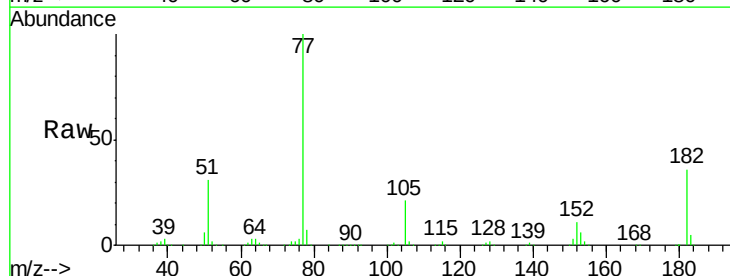
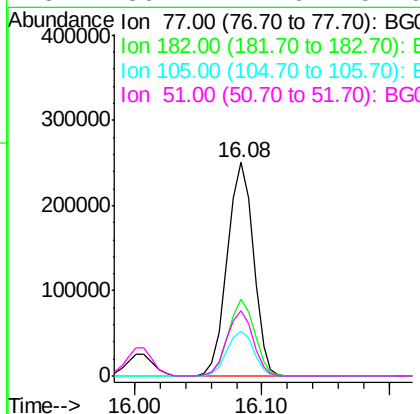
Instrument :
BNA_G
ClientSampleId :
PB104196BS

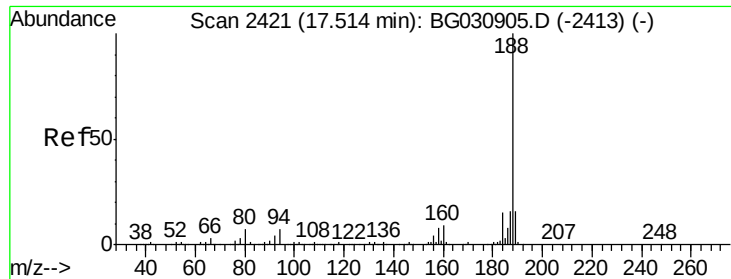
Tgt Ion:138 Resp: 96865
Ion Ratio Lower Upper
138 100
92 46.6 40.1 80.1
108 87.1 65.4 105.4



#62
Azobenzene
Concen: 38.07 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion: 77 Resp: 358070
Ion Ratio Lower Upper
77 100
182 35.8 7.4 47.4
105 21.1 0.3 40.3
51 30.7 11.6 51.6

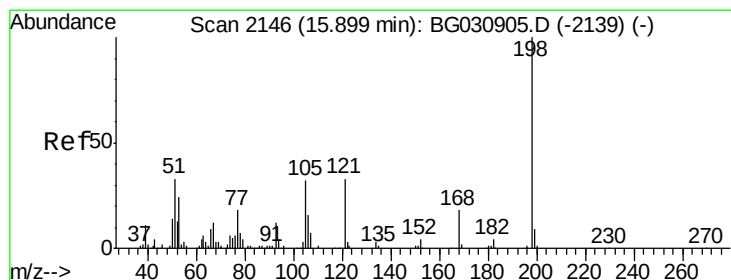
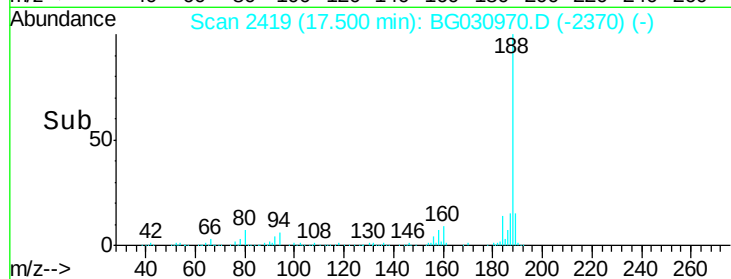
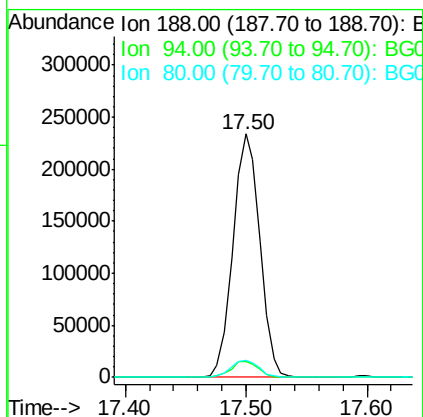
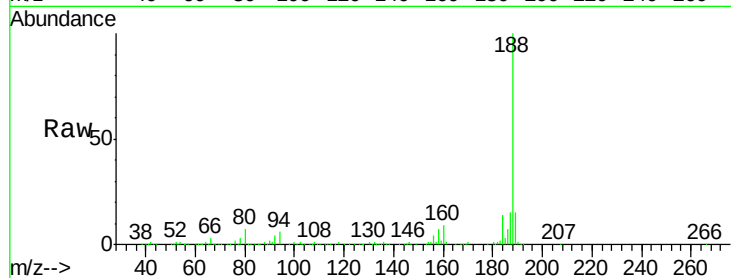




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

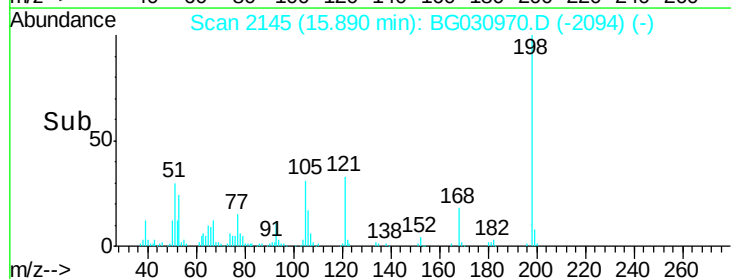
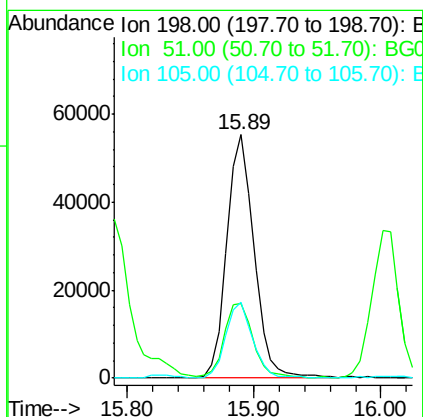
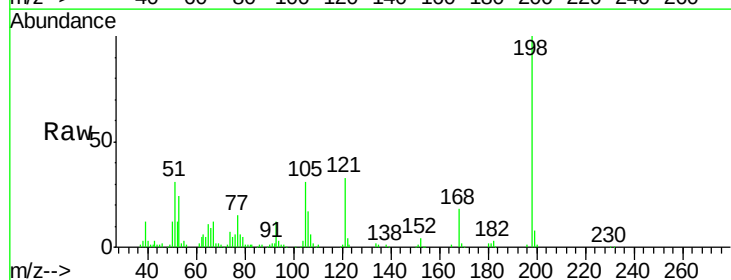
Instrument :
BNA_G
ClientSampleId :
PB104196BS

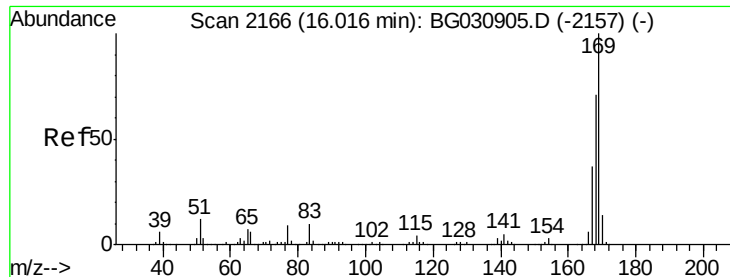
Tgt Ion:188 Resp: 362623
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.21 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:198 Resp: 82451
Ion Ratio Lower Upper
198 100
51 30.6 30.6 70.6
105 31.0 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.34 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

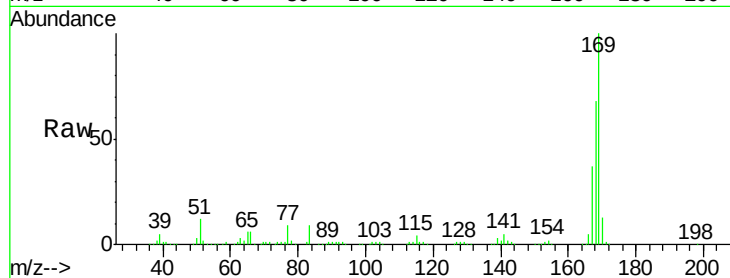
Tgt Ion:169 Resp: 410268

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

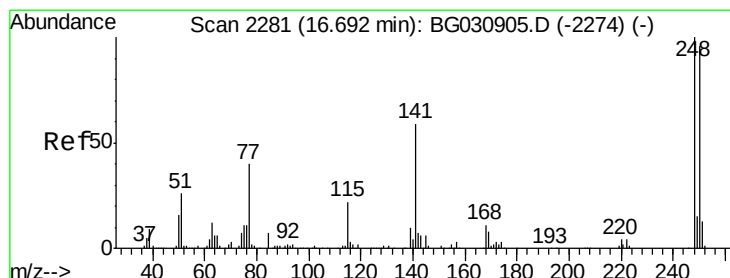
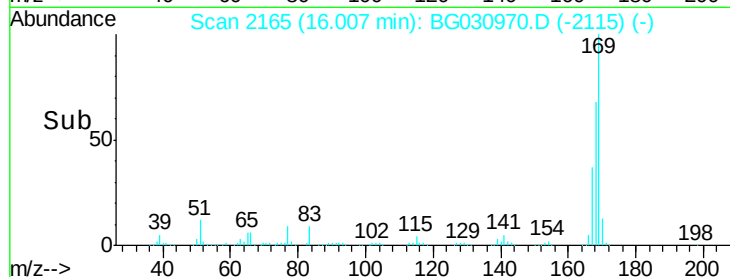
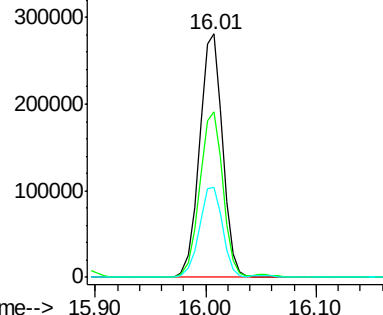
167 36.9 30.1 45.1



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: 41.47 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

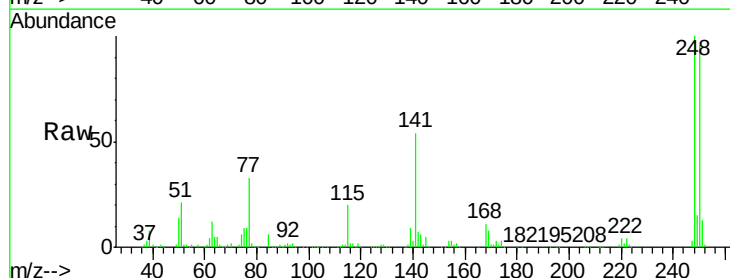
Tgt Ion:248 Resp: 190474

Ion Ratio Lower Upper

248 100

250 96.1 77.1 115.7

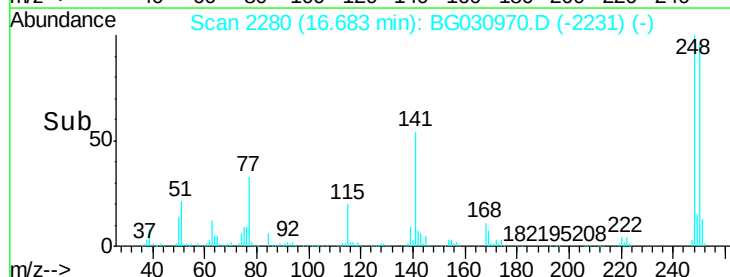
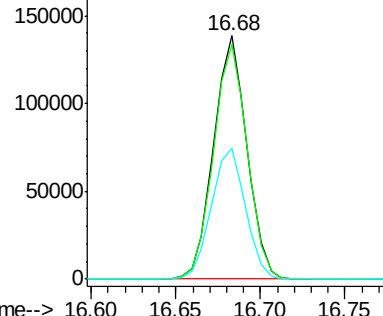
141 53.9 50.8 76.2

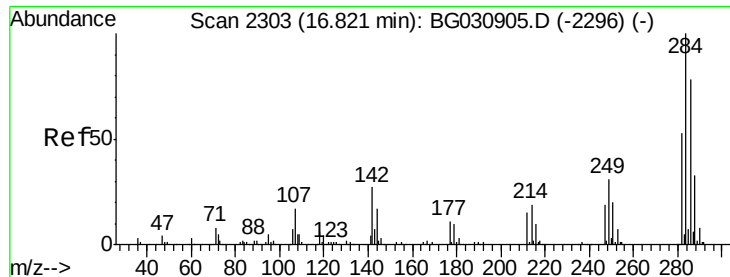


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.61 ng

RT: 16.81 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

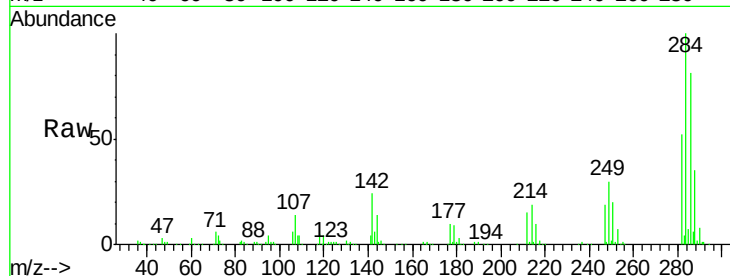
Tgt Ion:284 Resp: 203065

Ion Ratio Lower Upper

284 100

142 24.2 26.8 40.2#

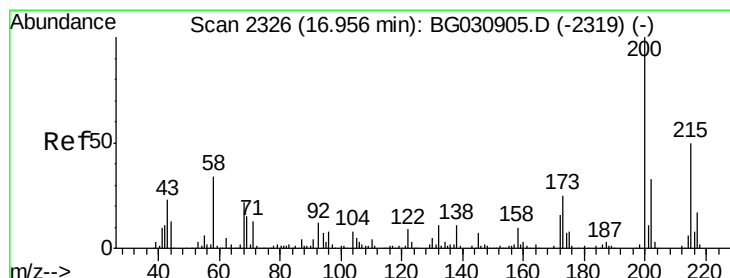
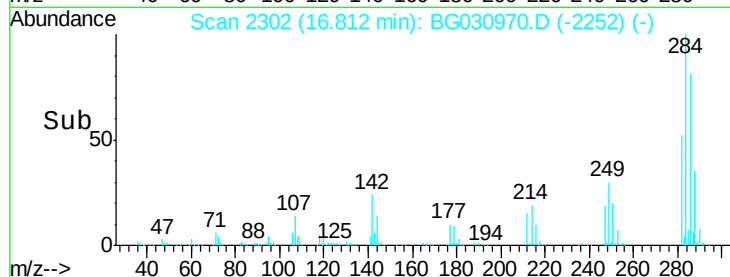
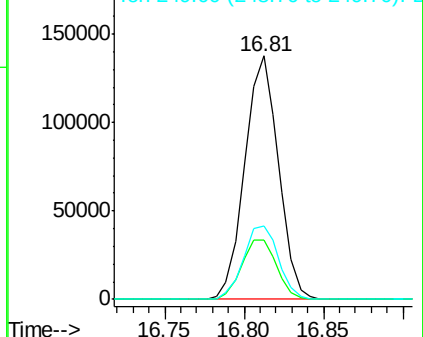
249 30.0 26.3 39.5



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: 38.49 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

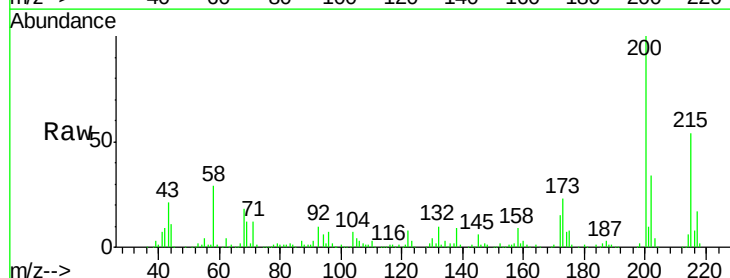
Tgt Ion:200 Resp: 174494

Ion Ratio Lower Upper

200 100

173 22.6 5.2 45.2

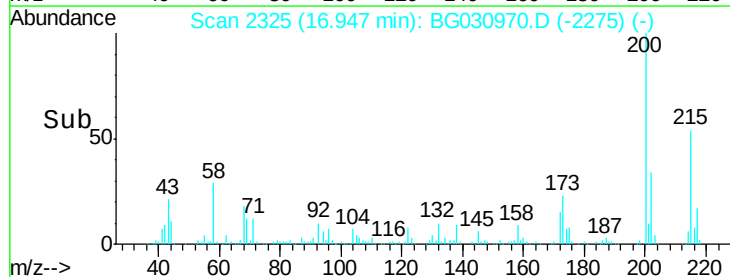
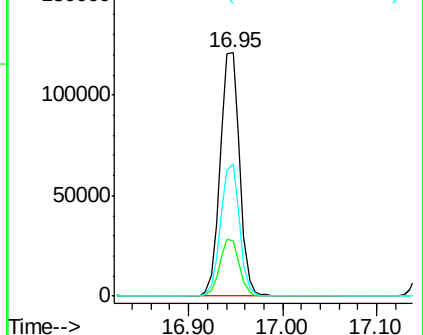
215 54.1 30.4 70.4

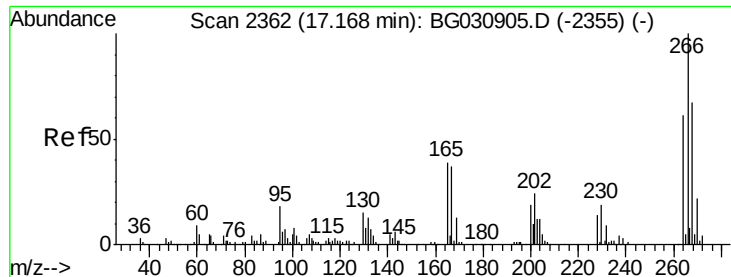


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

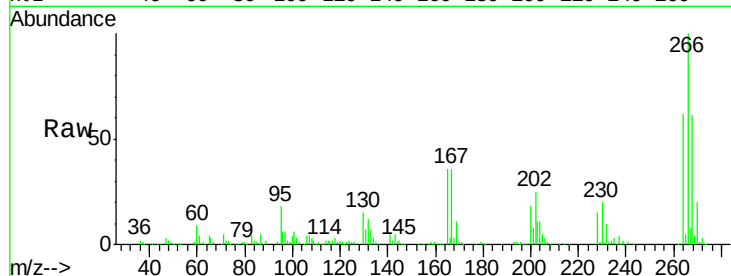




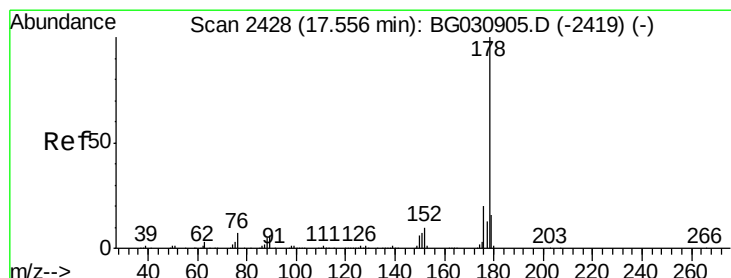
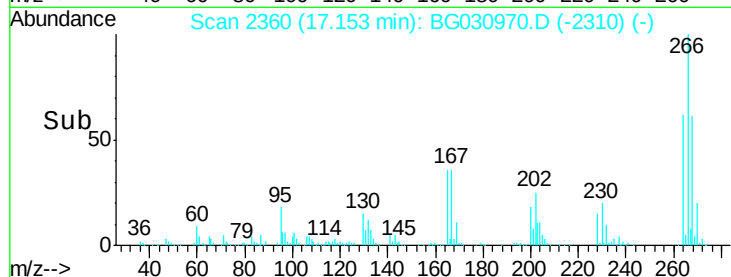
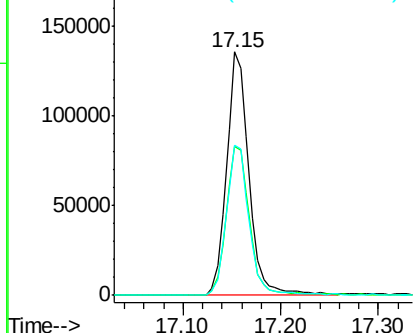
#69
 Pentachlorophenol
 Concen: 79.48 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

Tgt Ion:266 Resp: 214392
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.1 76.7
 264 61.8 49.6 74.4

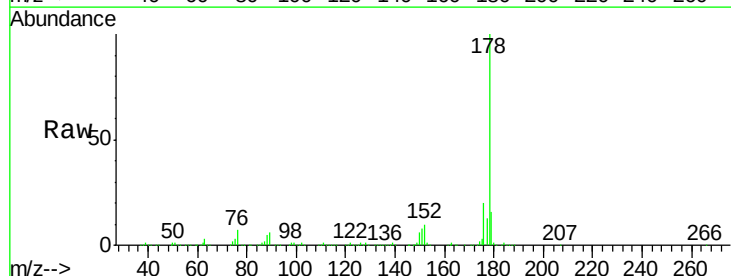


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

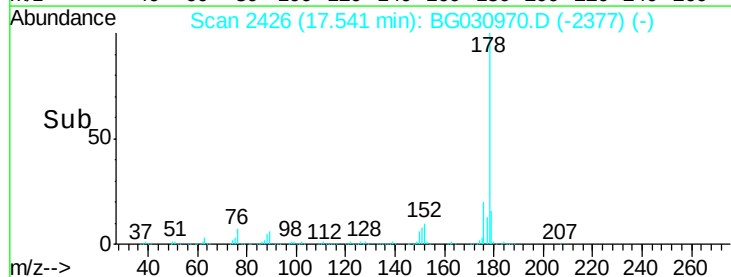
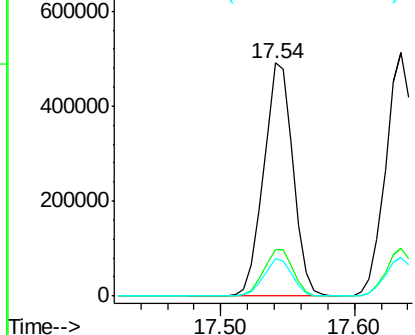


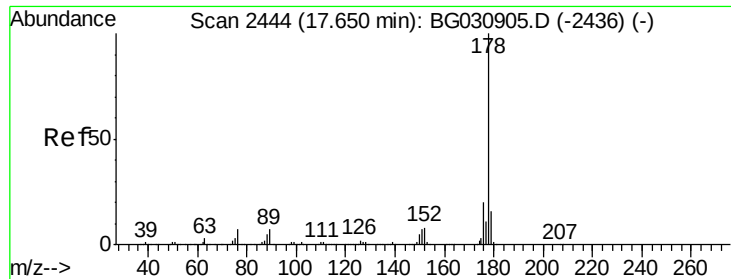
#70
 Phenanthrene
 Concen: 39.58 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion:178 Resp: 747350
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.0 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

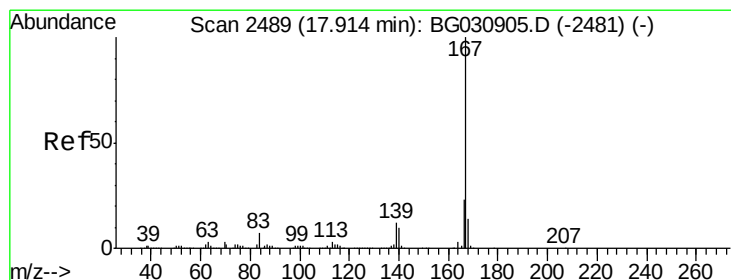
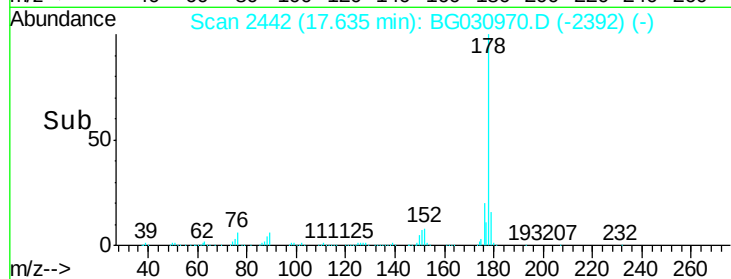
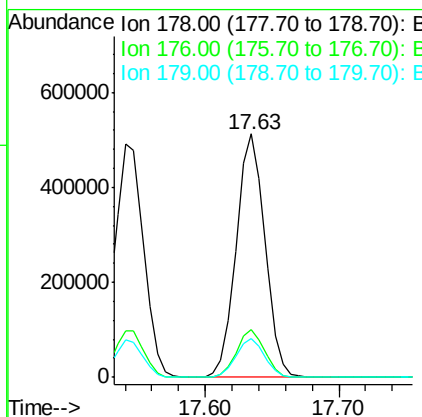
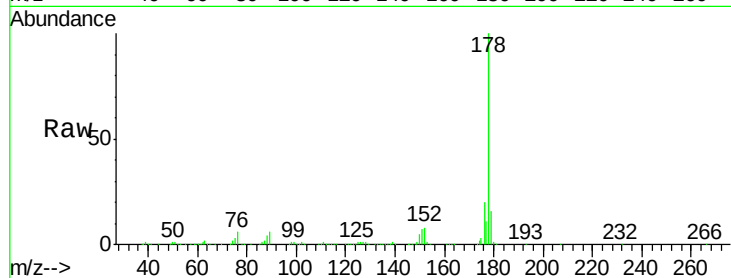




#71
 Anthracene
 Concen: 40.33 ng
 RT: 17.63 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

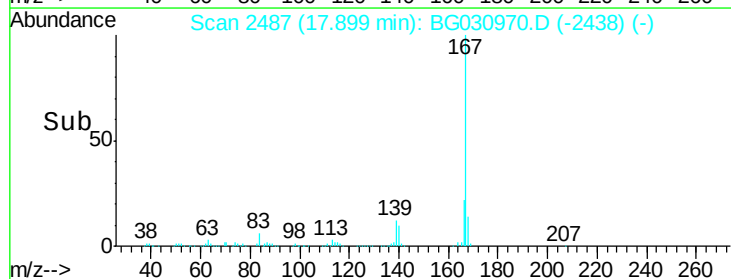
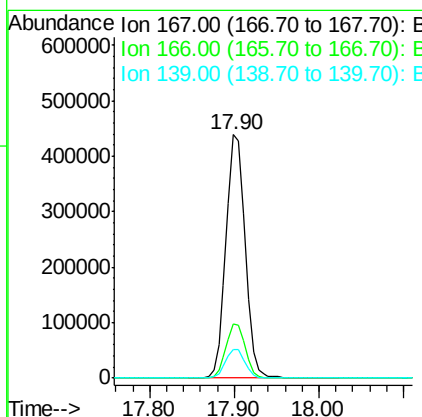
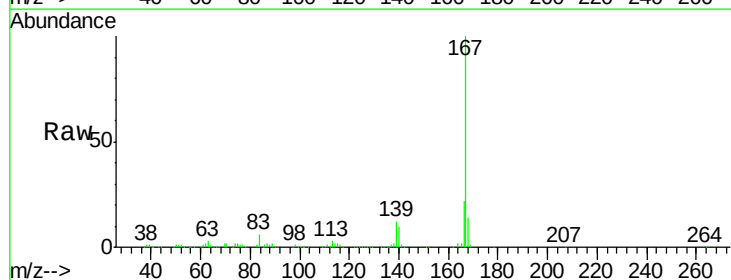
Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

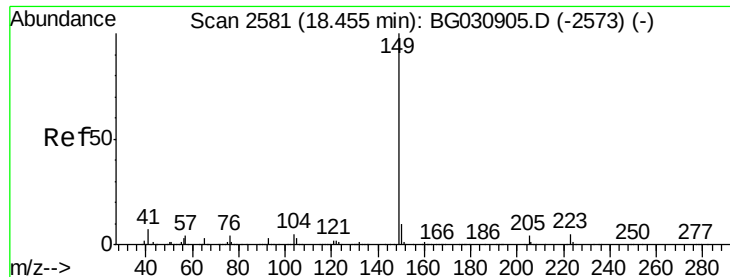
Tgt Ion:178 Resp: 763077
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 38.80 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion:167 Resp: 687865
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 12.0 9.4 14.2

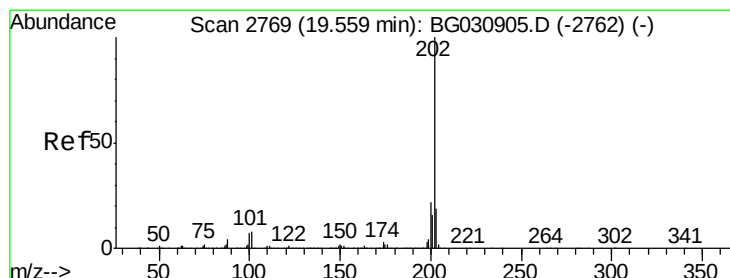
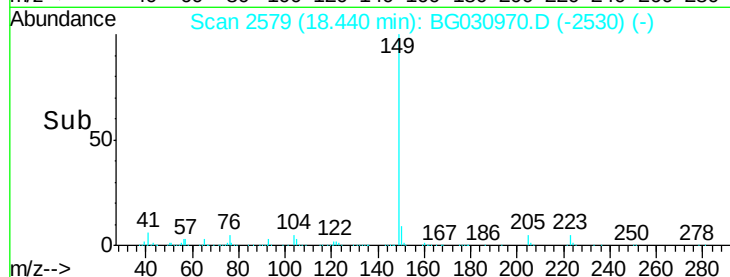
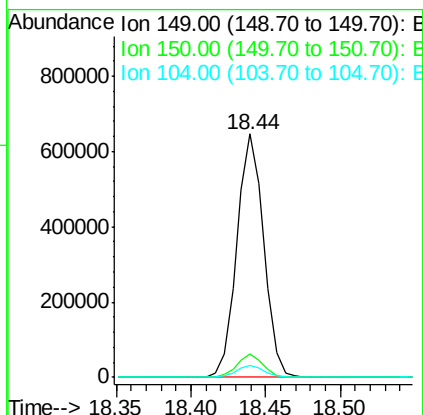
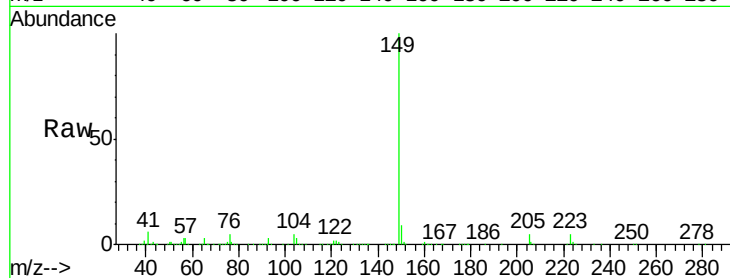




#73
Di-n-butylphthalate
Concen: 37.03 ng
RT: 18.44 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

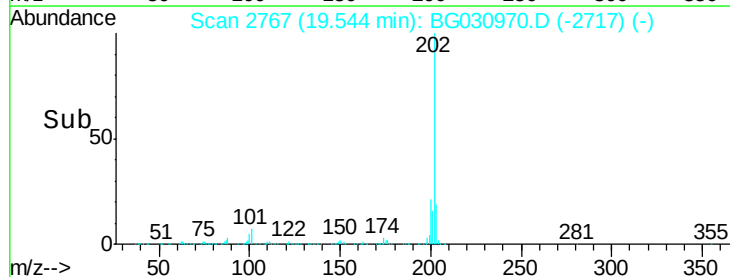
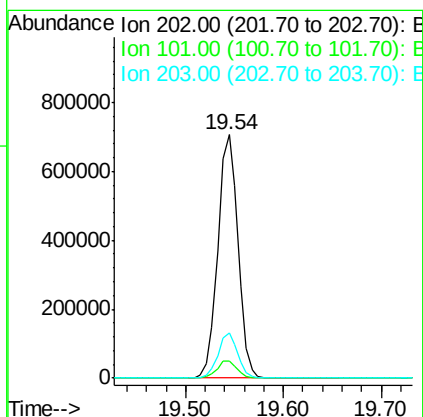
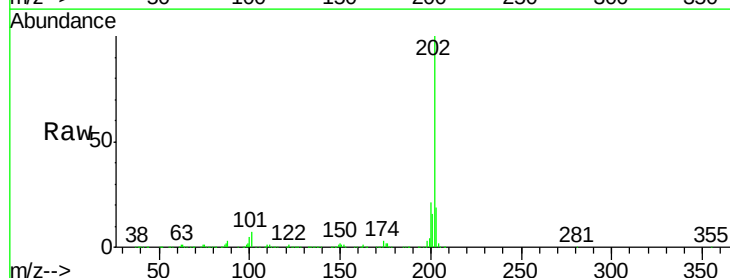
Instrument :
BNA_G
ClientSampleId :
PB104196BS

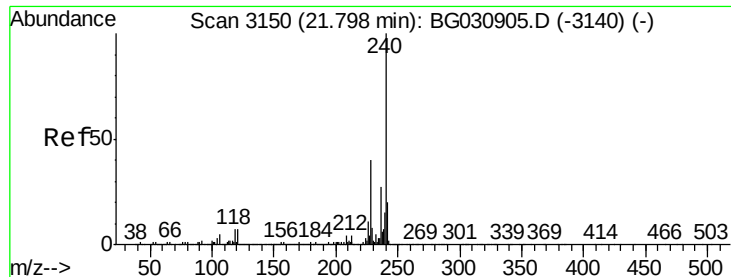
Tgt Ion:149 Resp: 805946
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 42.11 ng
RT: 19.54 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BG030970.D
Acq: 13 Nov 2017 13:16

Tgt Ion:202 Resp: 1006717
Ion Ratio Lower Upper
202 100
101 7.1 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

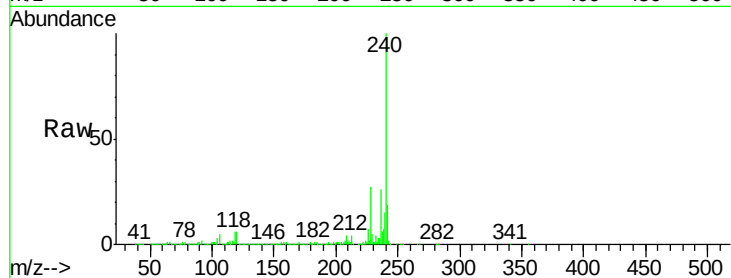
Tgt Ion:240 Resp: 434363

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

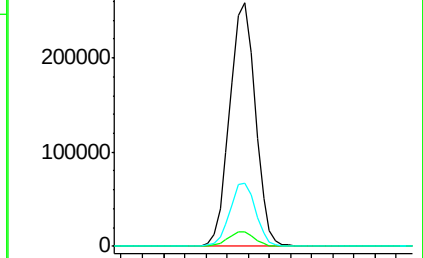
236 25.9 20.9 31.3



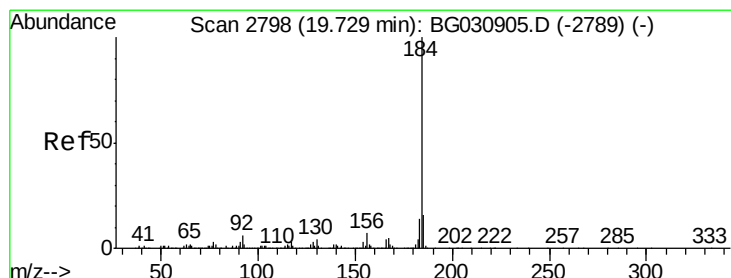
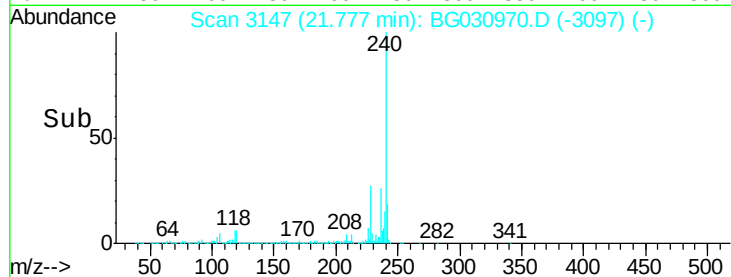
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 18.86 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

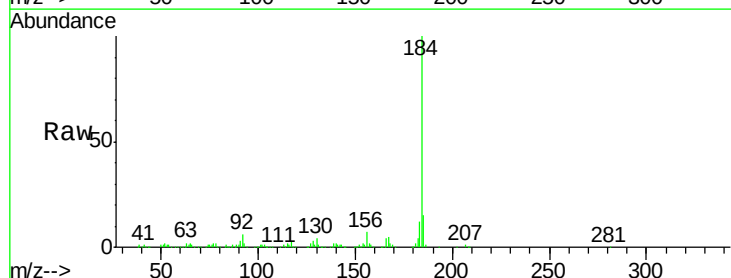
Tgt Ion:184 Resp: 263127

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

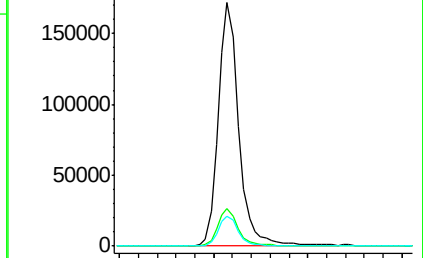
183 12.4 10.6 16.0



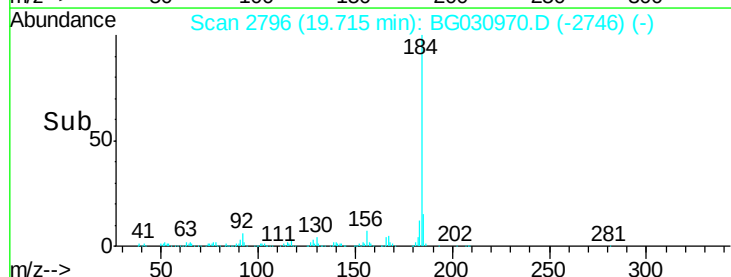
Abundance Ion 184.00 (183.70 to 184.70): E

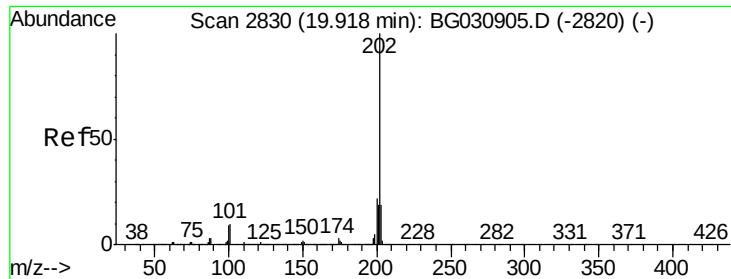
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pyrene

Concen: 39.43 ng

RT: 19.90 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

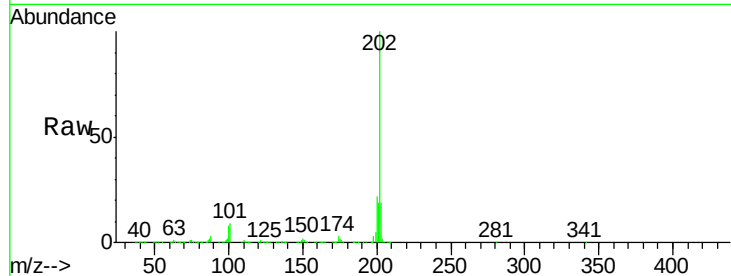
BNA_G

ClientSampleId :

PB104196BS

Tgt Ion:202 Resp: 1016193

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.6	13.9	20.9

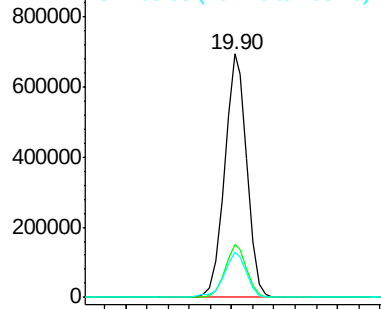


Abundance

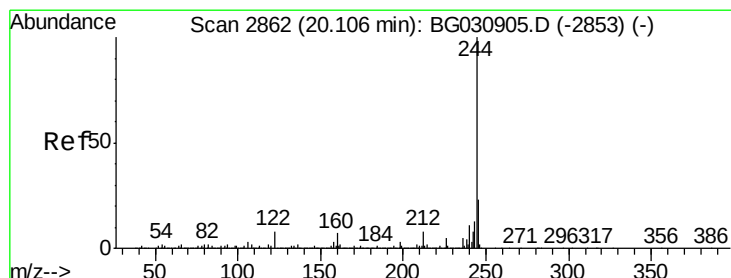
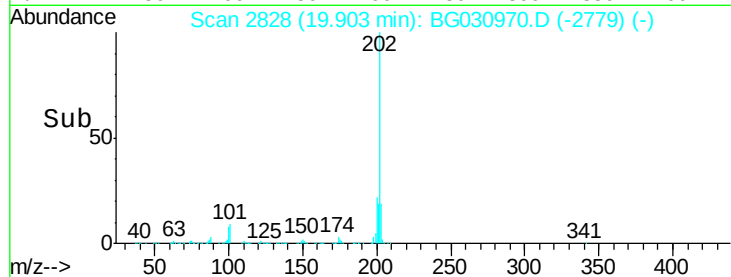
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 77.93 ng

RT: 20.09 min Scan# 2860

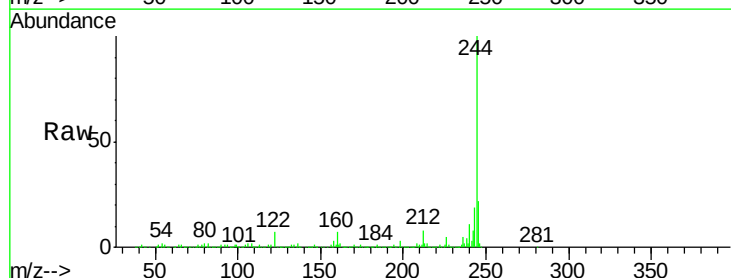
Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Tgt Ion:244 Resp: 1532969

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.0	7.0	10.4

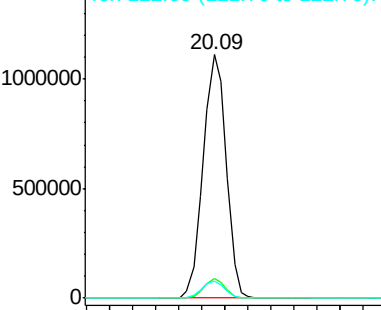


Abundance

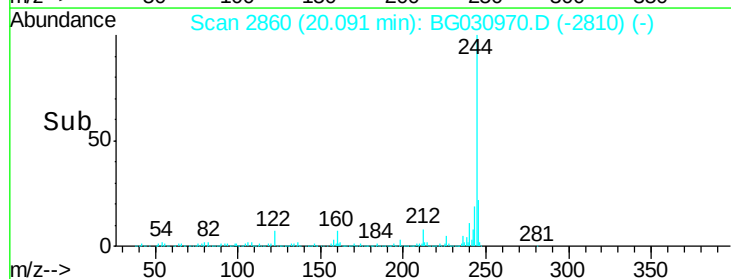
Ion 244.00 (243.70 to 244.70): E

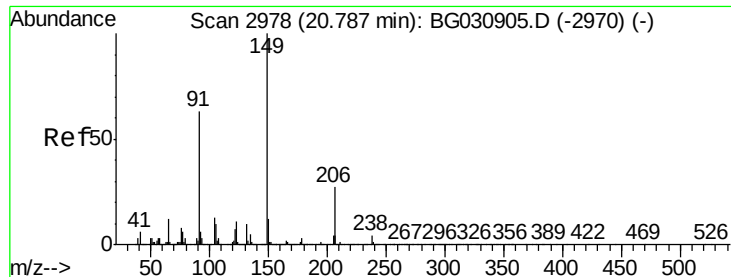
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 36.86 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

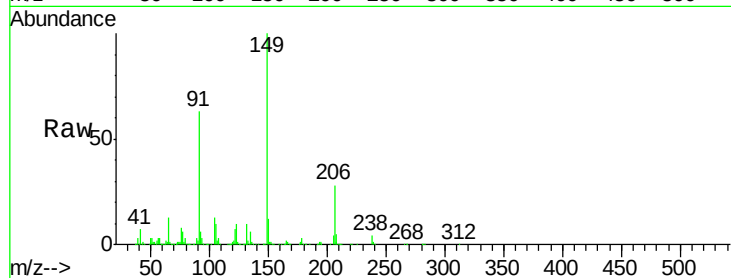
Tgt Ion:149 Resp: 378832

Ion Ratio Lower Upper

149 100

91 63.3 62.2 93.2

206 27.6 18.6 27.8

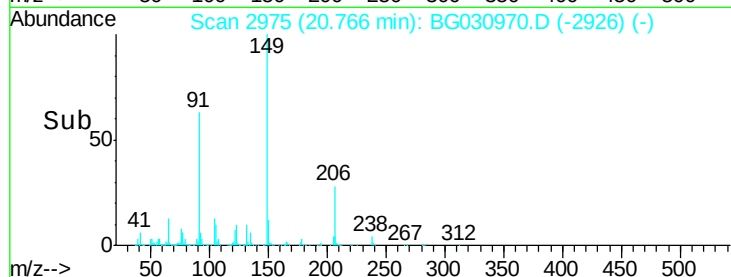


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG030970.D (-2970) (-)

Ion 206.00 (205.70 to 206.70): E

Time-->



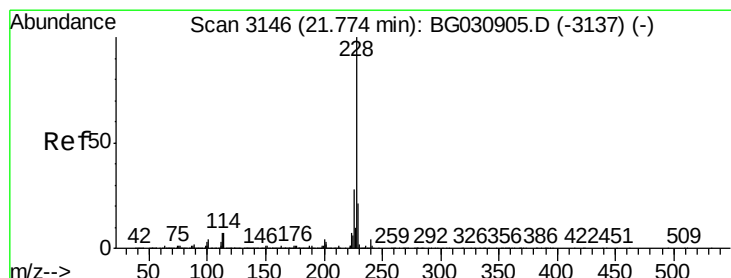
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG030970.D (-2926) (-)

Ion 206.00 (205.70 to 206.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 39.58 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

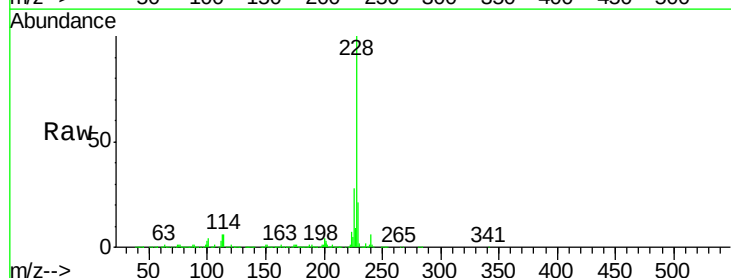
Tgt Ion:228 Resp: 1067978

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

229 21.1 16.2 24.2

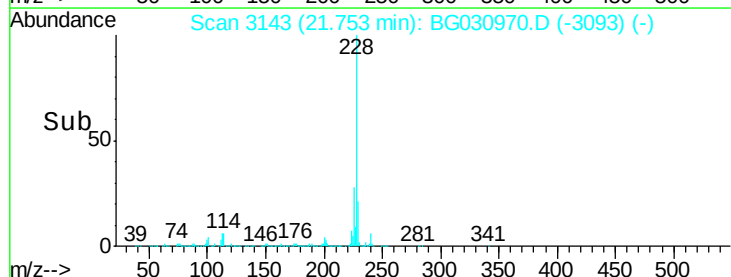


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



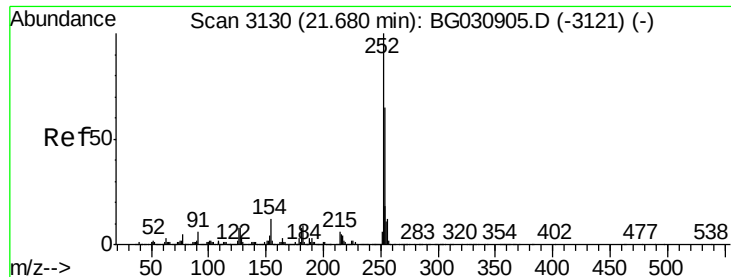
Abundance

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

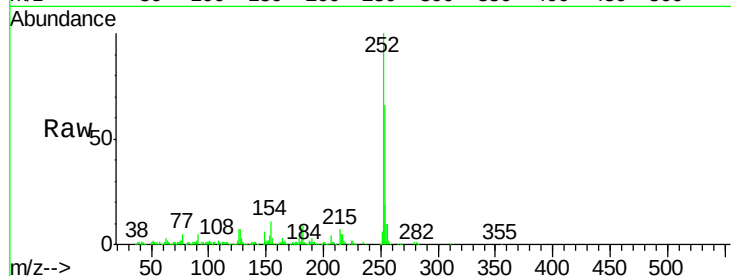
Time-->



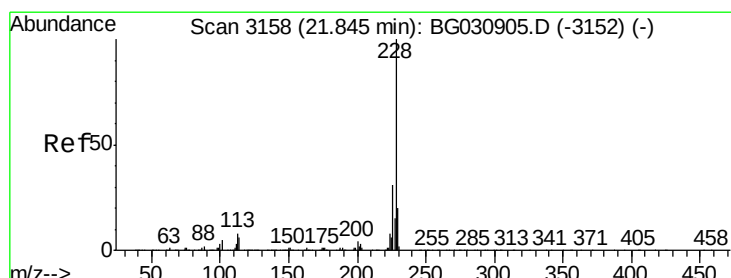
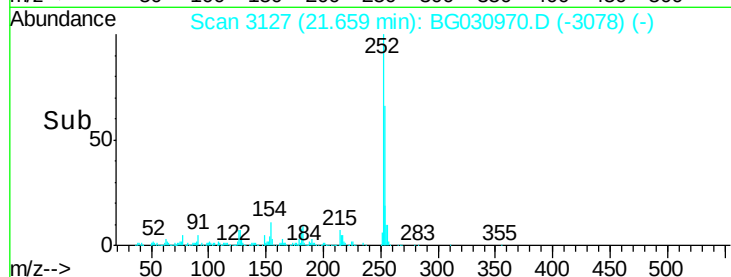
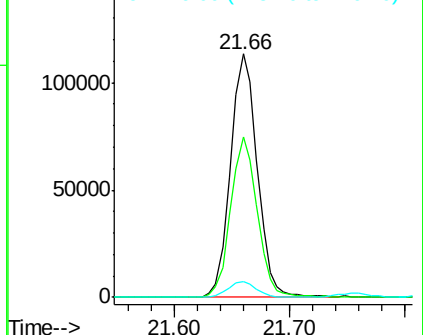
#81
 3,3'-Dichlorobenzidine
 Concen: 16.75 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB104196BS

Tgt Ion: 252 Resp: 182449
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 6.7 7.4 11.2#

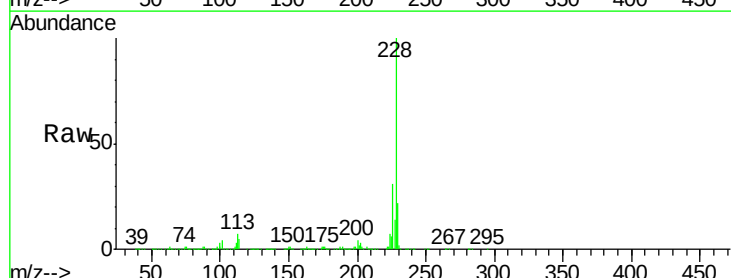


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

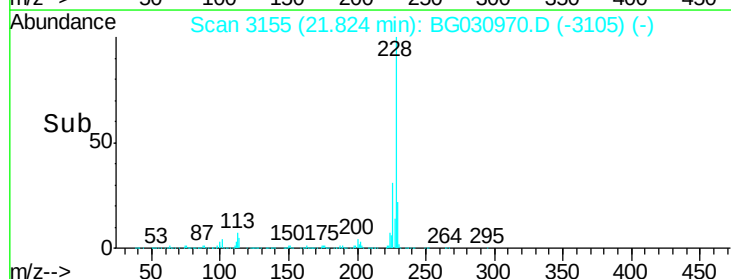
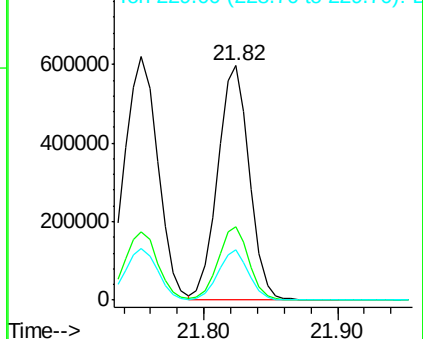


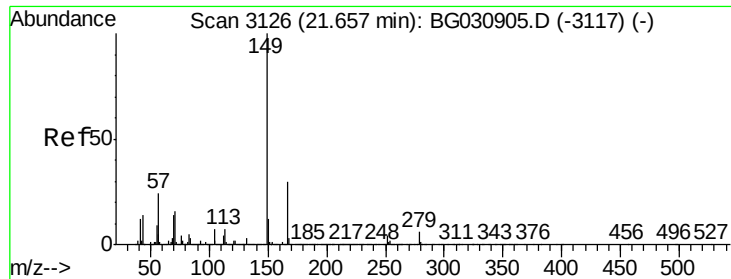
#82
 Chrysene
 Concen: 39.71 ng
 RT: 21.82 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG030970.D
 Acq: 13 Nov 2017 13:16

Tgt Ion: 228 Resp: 991006
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 21.6 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.75 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

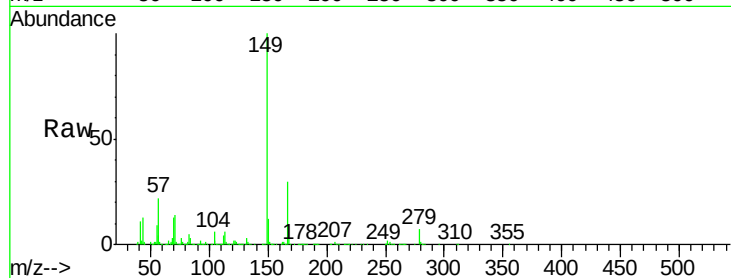
Tgt Ion:149 Resp: 530386

Ion Ratio Lower Upper

149 100

167 29.6 24.3 36.5

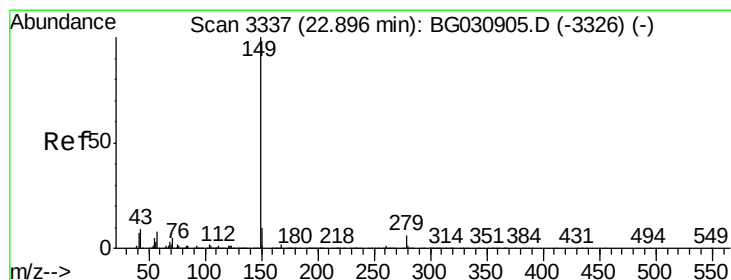
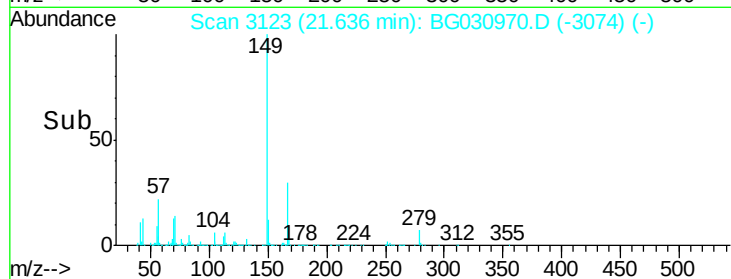
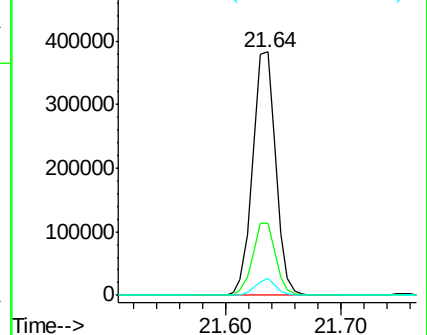
279 6.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.74 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

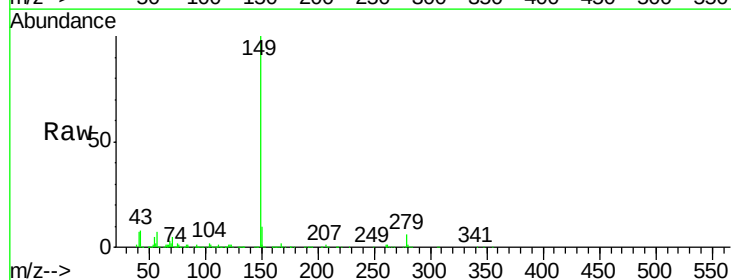
Tgt Ion:149 Resp: 887117

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

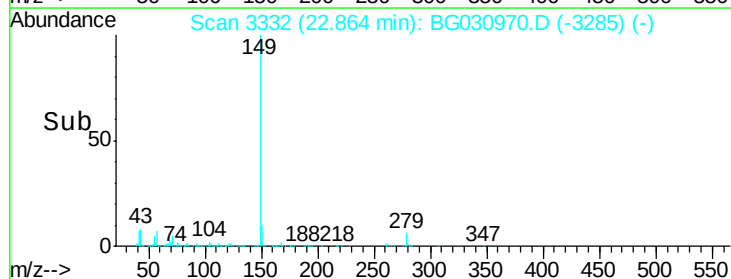
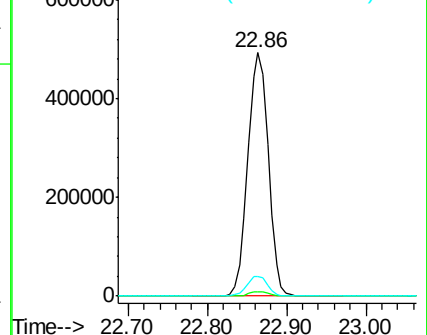
43 8.2 8.9 13.3#

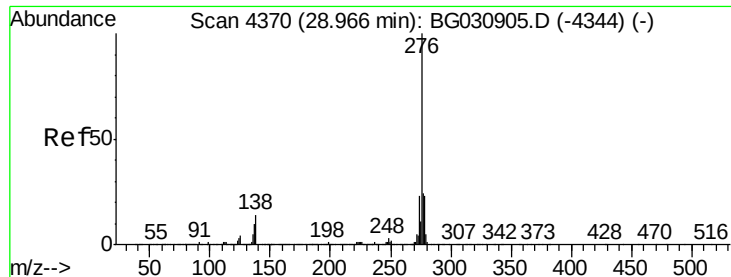


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.65 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

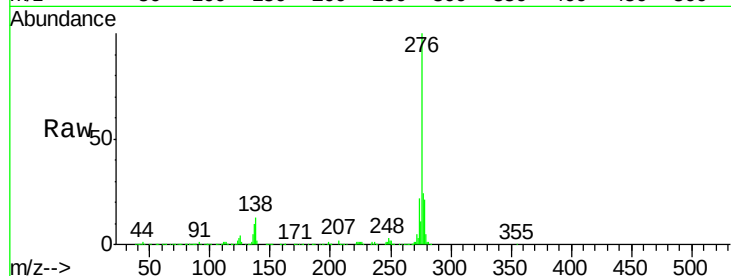
Tgt Ion:276 Resp: 1233247

Ion Ratio Lower Upper

276 100

138 15.0 16.0 24.0#

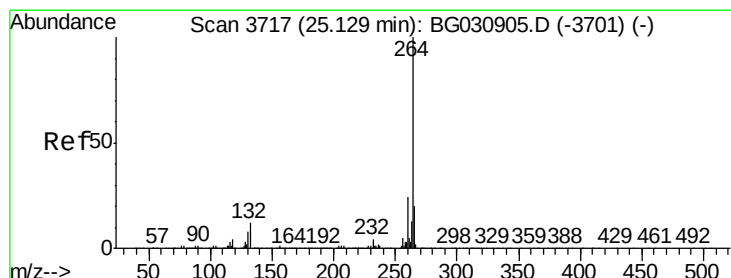
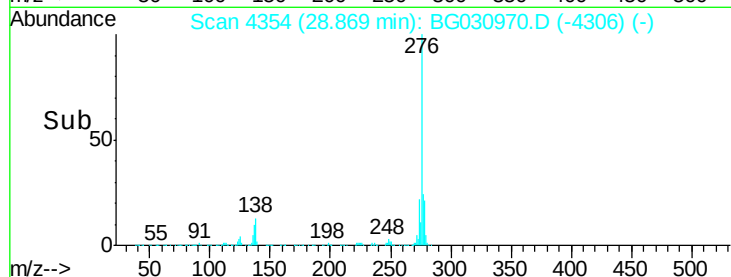
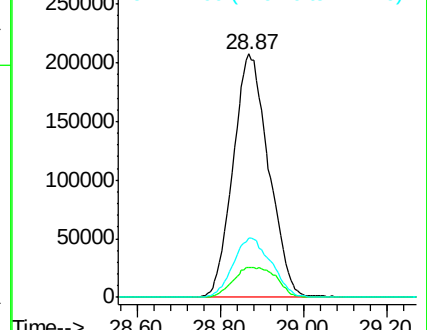
277 26.0 20.0 30.0



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: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

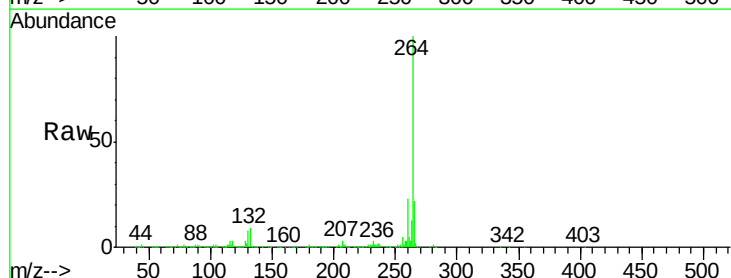
Tgt Ion:264 Resp: 440650

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

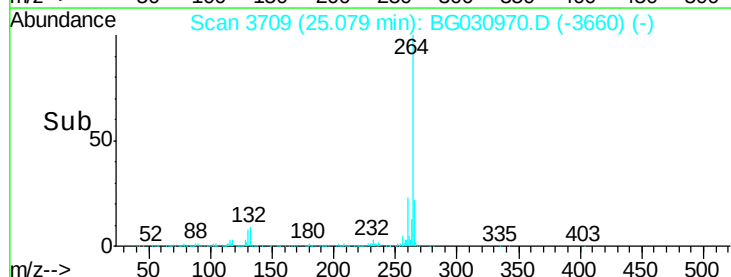
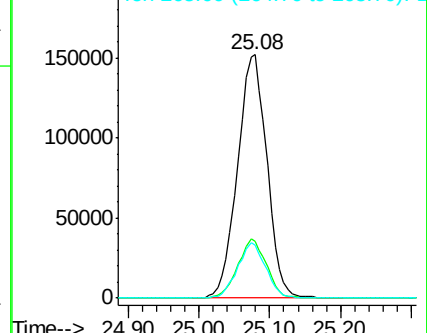
265 21.7 17.7 26.5

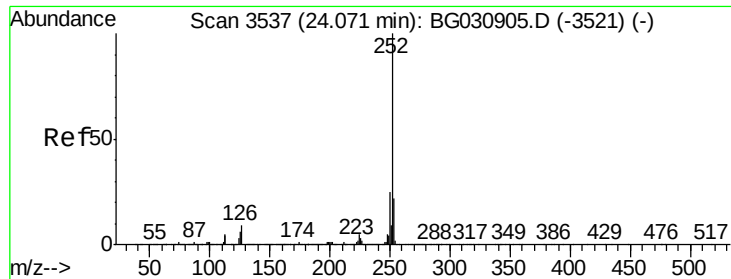


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.79 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

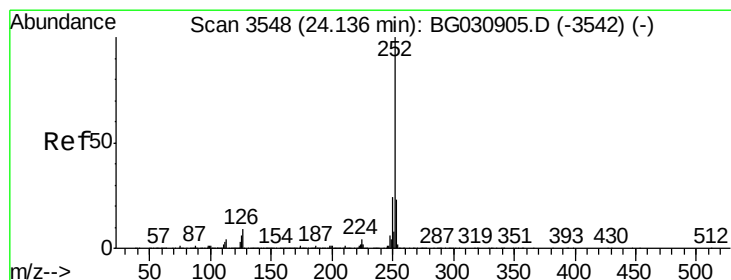
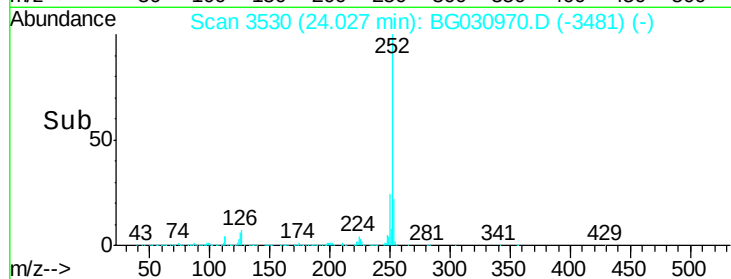
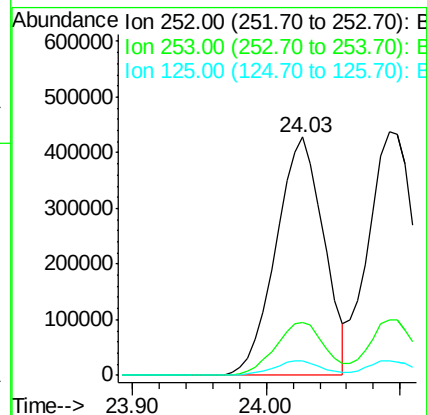
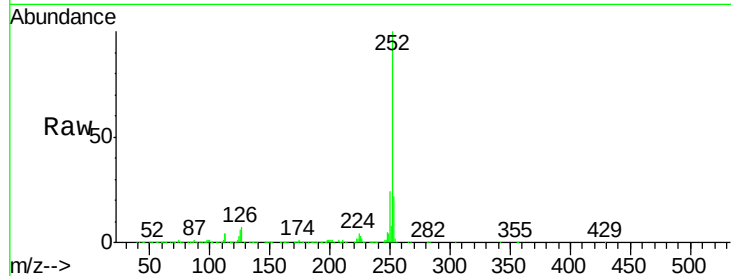
Tgt Ion:252 Resp: 1060601

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

125 6.2 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 40.17 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

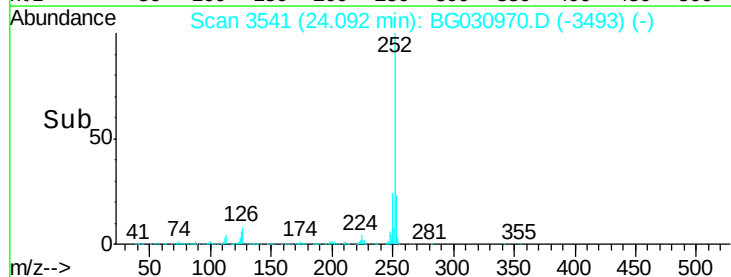
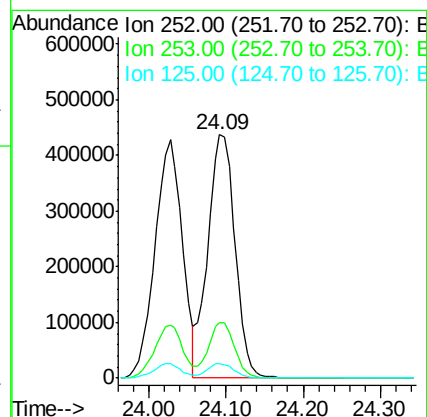
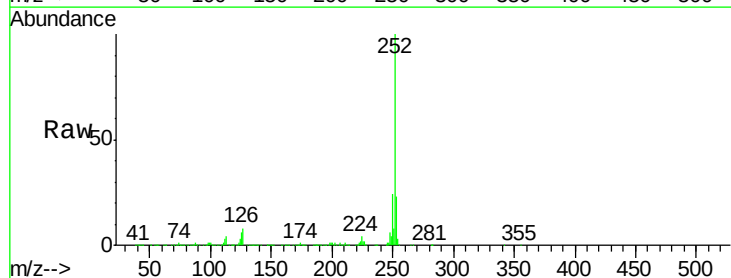
Tgt Ion:252 Resp: 1061276

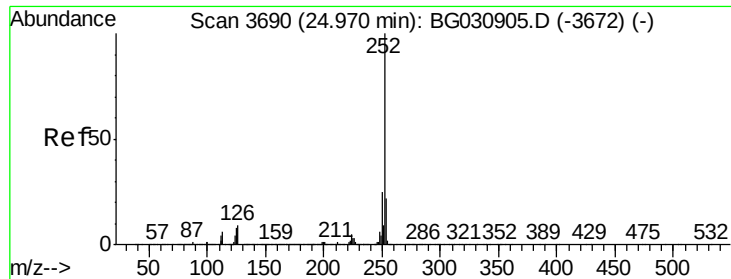
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 5.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.00 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.01 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

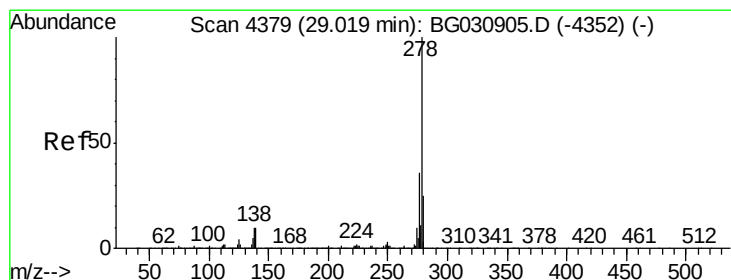
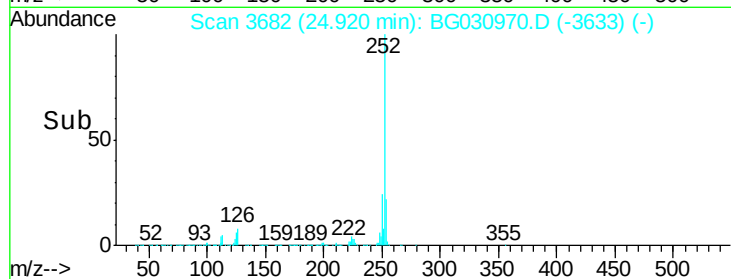
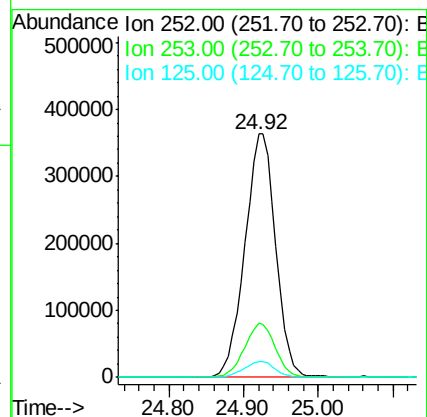
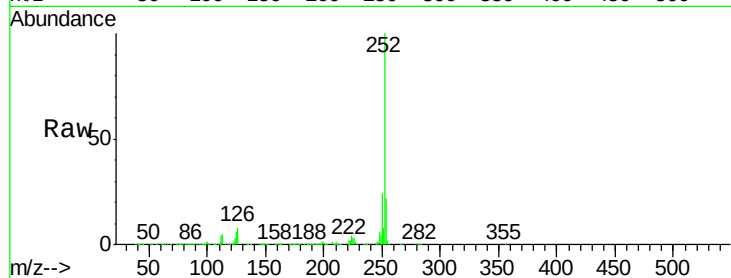
Tgt Ion:252 Resp: 1038119

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 6.3 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 39.73 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

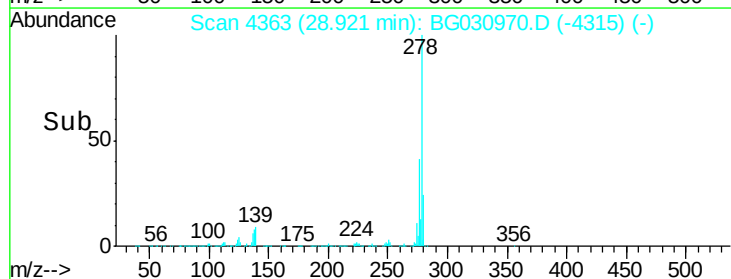
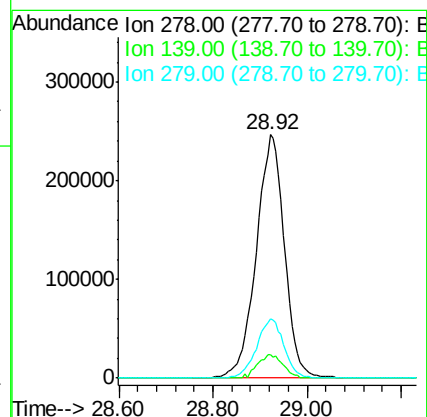
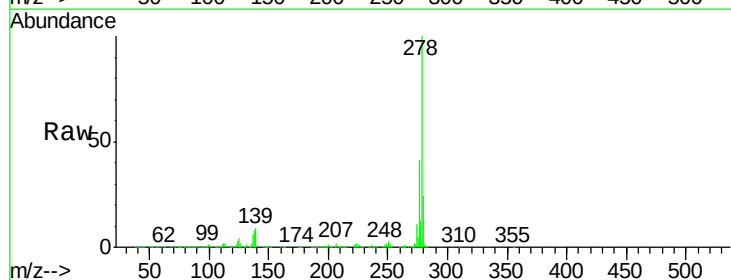
Tgt Ion:278 Resp: 1028158

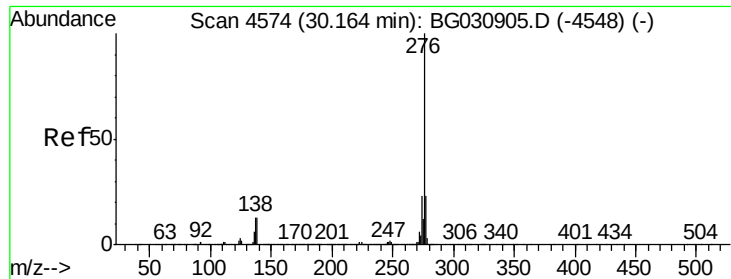
Ion Ratio Lower Upper

278 100

139 9.5 9.8 14.6#

279 24.2 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 40.68 ng

RT: 30.06 min Scan# 4556

Delta R.T. -0.02 min

Lab File: BG030970.D

Acq: 13 Nov 2017 13:16

Instrument :

BNA_G

ClientSampleId :

PB104196BS

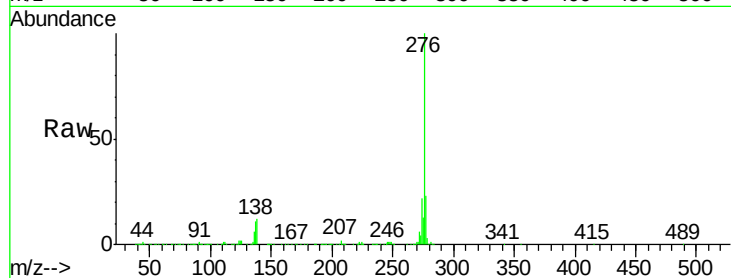
Tgt Ion: 276 Resp: 1021940

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 12.3 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

