

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030974.D
 Acq On : 13 Nov 2017 15:46
 Operator : SJ/JU
 Sample : PB104186BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

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

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	29285	23.389	ng	# 82
3) Pyridine	3.96	79	82621	22.729	ng	90
4) n-Nitrosodimethylamine	3.87	42	42299	24.553	ng	# 93
6) Aniline	7.46	93	76596	14.002	ng	97
8) 2-Chlorophenol	7.71	128	95348	28.003	ng	86
9) Benzaldehyde	7.27	77	43849	15.074	ng	91
10) Phenol	7.33	94	123759	28.669	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	81821	23.739	ng	88
12) 1,3-Dichlorobenzene	8.03	146	103241	25.843	ng	96
13) 1,4-Dichlorobenzene	8.18	146	106099	26.209	ng	96
14) 1,2-Dichlorobenzene	8.50	146	100557	25.880	ng	97
15) Benzyl Alcohol	8.38	79	82832	24.843	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	121959	32.034	ng	93
17) 2-Methylphenol	8.59	107	82709	27.514	ng	96
18) Hexachloroethane	9.23	117	36366	25.810	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	68174	21.570	ng	# 93
20) 3+4-Methylphenols	8.92	107	114340	26.750	ng	95
22) Acetophenone	8.97	105	138068	24.706	ng	# 93
24) Nitrobenzene	9.35	77	102424	26.472	ng	89
25) Isophorone	9.87	82	192950	26.120	ng	# 91
26) 2-Nitrophenol	10.06	139	54337	26.942	ng	# 87
27) 2,4-Dimethylphenol	10.12	122	95122	31.770	ng	95
28) bis(2-Chloroethoxy)methane	10.35	93	119089	25.597	ng	95
29) 2,4-Dichlorophenol	10.61	162	112004	31.152	ng	91
30) 1,2,4-Trichlorobenzene	10.82	180	120839	28.151	ng	95
31) Naphthalene	11.01	128	289198	26.211	ng	98
32) Benzoic acid	10.26	122	47598	22.497	ng	# 75
33) 4-Chloroaniline	11.12	127	53263	11.027	ng	98
34) Hexachlorobutadiene	11.29	225	84177	28.276	ng	97
35) Caprolactam	11.88	113	36753	25.024	ng	# 74
36) 4-Chloro-3-methylphenol	12.23	107	111549	28.506	ng	89
37) 2-Methylnaphthalene	12.60	142	229485	26.942	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	157961	25.230	ng	96
40) Hexachlorocyclopentadiene	12.94	237	130701	59.582	ng	90

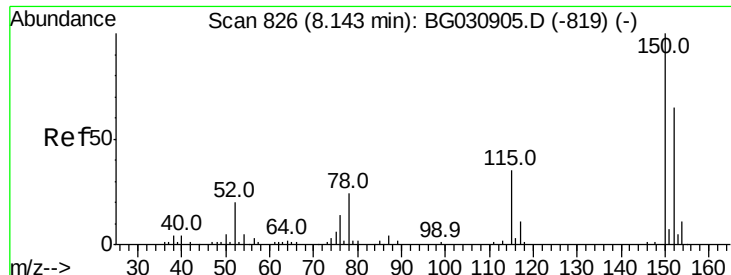
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030974.D
 Acq On : 13 Nov 2017 15:46
 Operator : SJ/JU
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Quant Time: Nov 14 04:50:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	106557	29.771	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	115008	29.368	nq #	92
45) 1,1'-Biphenyl	13.60	154	323817	24.755	nq	98
46) 2-Chloronaphthalene	13.64	162	261520	27.709	nq	95
47) 2-Nitroaniline	13.84	65	71841	25.681	nq #	82
48) Acenaphthylene	14.48	152	401546	25.995	nq	98
49) Dimethylphthalate	14.21	163	359317	26.344	nq	99
50) 2,6-Dinitrotoluene	14.33	165	78686	27.989	nq #	78
51) Acenaphthene	14.82	154	245669	25.465	nq	97
52) 3-Nitroaniline	14.67	138	40057	13.419	nq #	74
53) 2,4-Dinitrophenol	14.88	184	69221	47.340	nq #	47
54) Dibenzofuran	15.16	168	419507	27.300	nq	99
55) 4-Nitrophenol	14.98	139	111636	52.500	nq #	87
56) 2,4-Dinitrotoluene	15.12	165	113724	27.982	nq #	72
57) Fluorene	15.81	166	332666	26.665	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	116793	31.292	nq #	85
59) Diethylphthalate	15.56	149	352866	25.469	nq	97
60) 4-Chlorophenyl-phenylether	15.79	204	207730	27.570	nq	91
61) 4-Nitroaniline	15.82	138	77625	24.558	nq	89
62) Azobenzene	16.08	77	275849	26.107	nq	94
64) 4,6-Dinitro-2-methylphenol	15.89	198	60352	22.190	nq #	77
65) n-Nitrosodiphenylamine	16.01	169	310294	25.025	nq	98
66) 4-Bromophenyl-phenylether	16.68	248	148670	28.687	nq	93
67) Hexachlorobenzene	16.81	284	155709	28.277	nq #	92
68) Atrazine	16.94	200	133634	26.122	nq	96
69) Pentachlorophenol	17.16	266	154638	50.802	nq	98
70) Phenanthrene	17.54	178	580425	27.244	nq	99
71) Anthracene	17.63	178	588144	27.551	nq	99
72) Carbazole	17.90	167	523662	26.180	nq	99
73) Di-n-butylphthalate	18.44	149	606906	24.712	nq	99
74) Fluoranthene	19.54	202	769993	28.545	nq	97
76) Benzidine	19.71	184	248803	15.949	nq	98
77) Pyrene	19.90	202	788538	27.363	nq	99
79) Butylbenzylphthalate	20.76	149	283358	24.661	nq #	84
80) Benzo(a)anthracene	21.75	228	815494	27.033	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	165125	13.560	nq #	96
82) Chrysene	21.82	228	761409	27.286	nq	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	396015	23.876	nq #	98
84) Di-n-octyl phthalate	22.86	149	666890	24.703	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	922876	27.204	nq #	94
87) Benzo(b)fluoranthene	24.01	252	808064	27.054	nq #	98
88) Benzo(k)fluoranthene	24.08	252	794551	26.838	nq #	97
89) Benzo(a)pyrene	24.91	252	783126	27.599	nq #	95
90) Dibenzo(a,h)anthracene	28.90	278	773788	26.680	nq #	96
91) Benzo(g,h,i)perylene	30.02	276	772929	27.459	nq #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

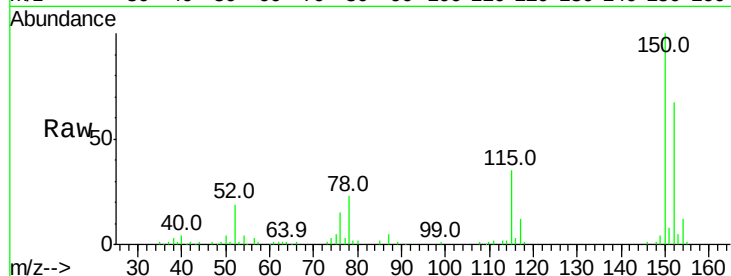
Tot Ion:152 Resp: 52908

Ion Ratio Lower Upper

152 100

150 149.3 126.6 189.8

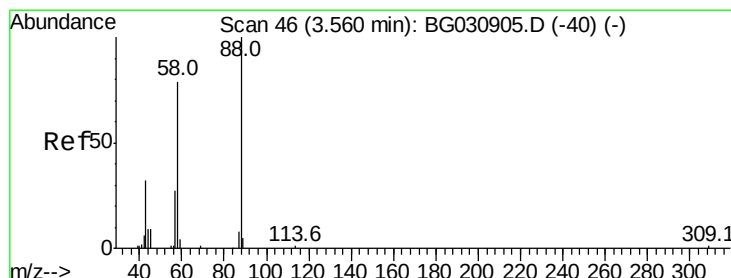
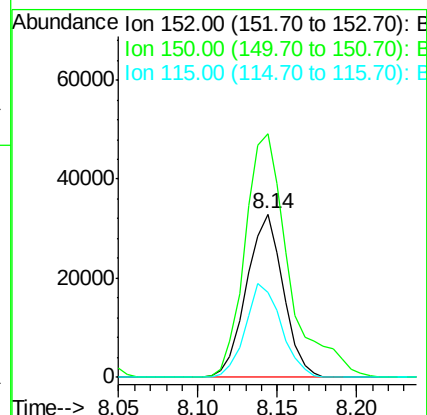
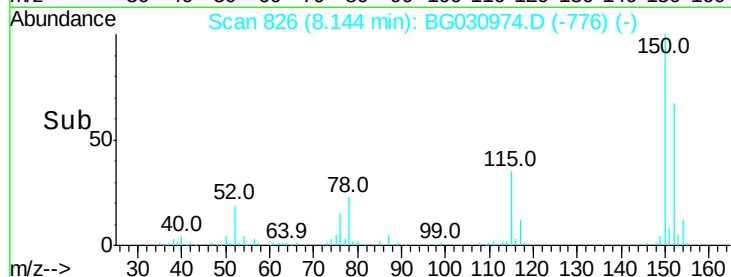
115 51.8 53.0 79.4#



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: 23.389 ng

RT: 3.55 min Scan# 45

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

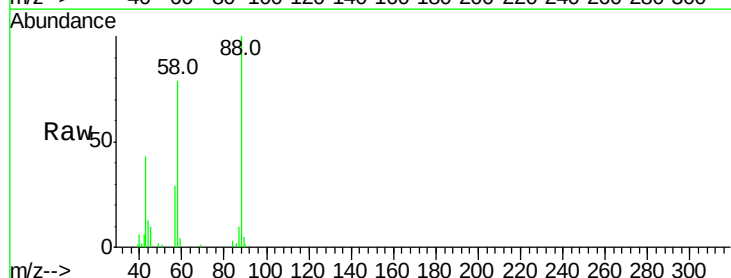
Tgt Ion: 88 Resp: 29285

Ion Ratio Lower Upper

88 100

58 76.4 79.6 119.4#

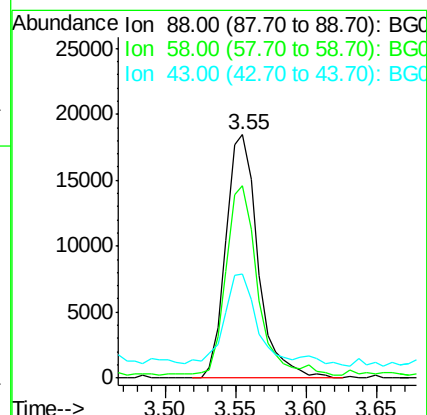
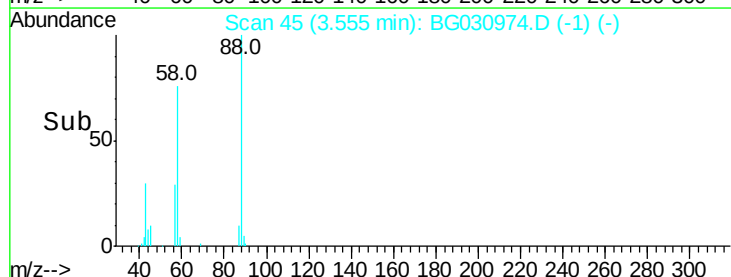
43 35.8 27.4 41.0

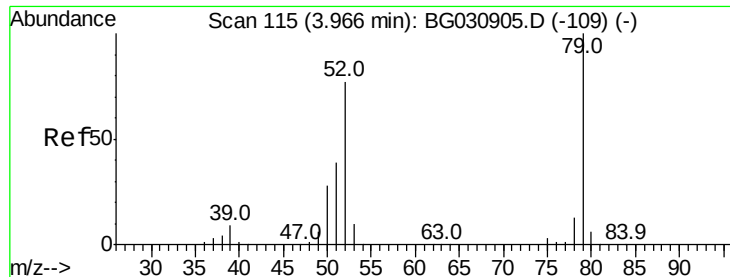


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 22.729 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

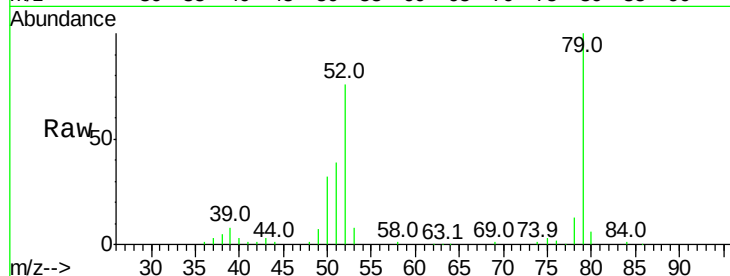
Tot Ion: 79 Resp: 82621

Ion Ratio Lower Upper

79 100

52 76.4 69.9 104.9

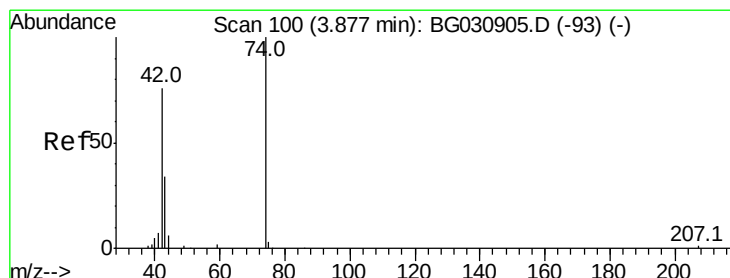
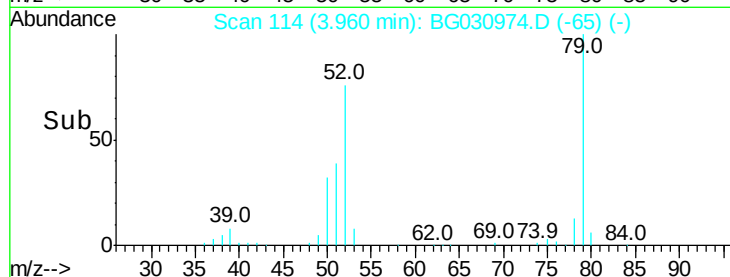
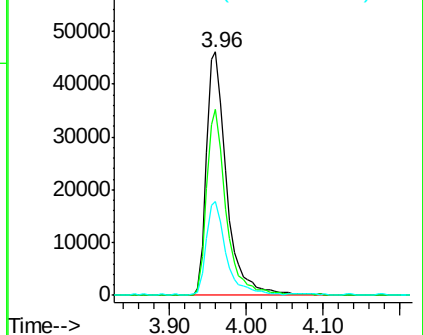
51 38.8 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 24.553 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

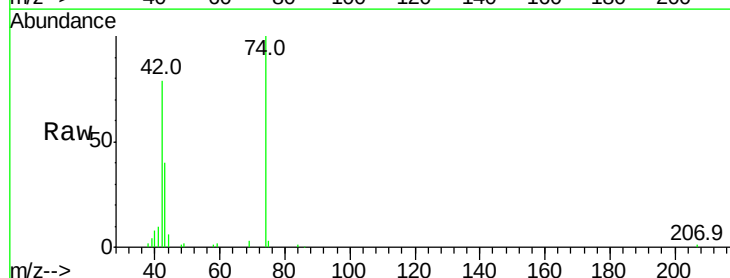
Tgt Ion: 42 Resp: 42299

Ion Ratio Lower Upper

42 100

74 125.8 102.5 153.7

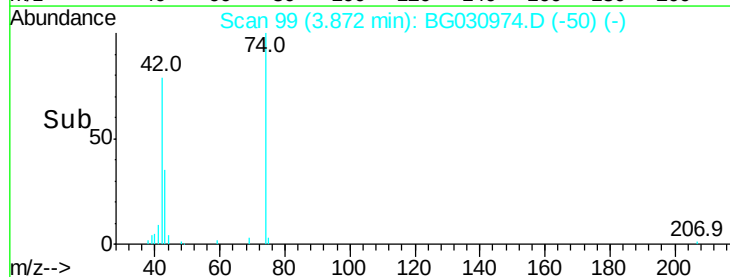
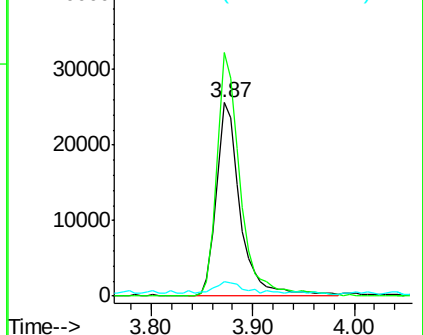
44 7.3 18.9 28.3#

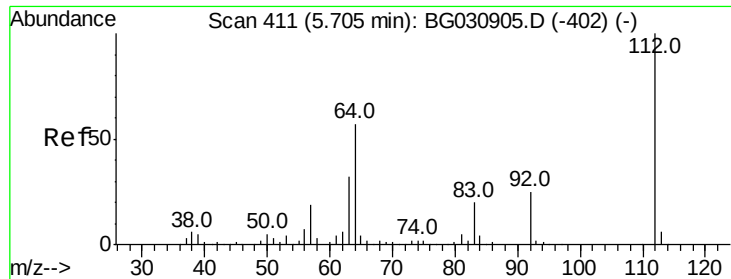


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 91.326 ng

RT: 5.71 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

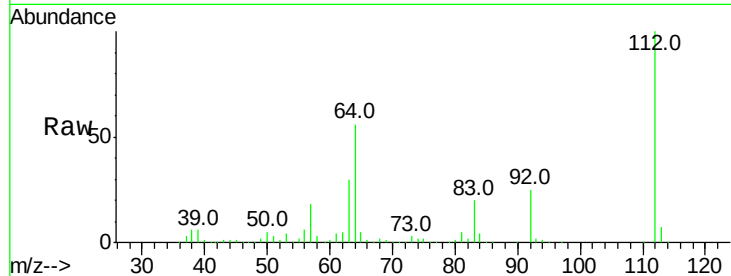
Tot Ion:112 Resp: 281781

Ion Ratio Lower Upper

112 100

64 56.0 56.3 84.5#

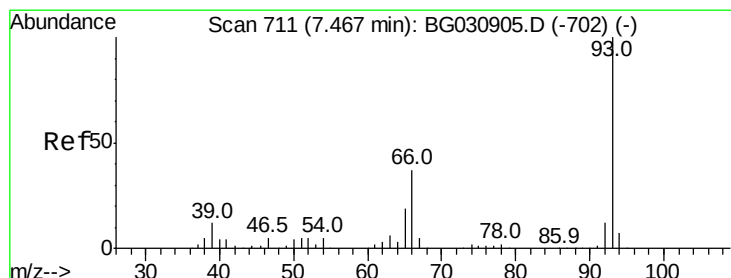
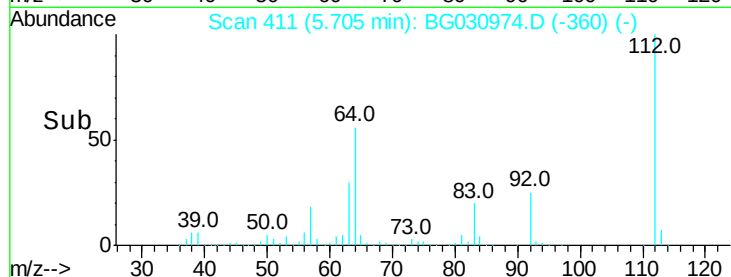
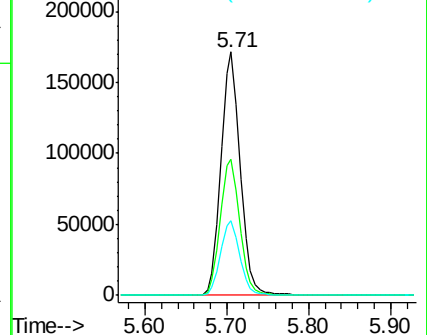
63 30.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.002 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

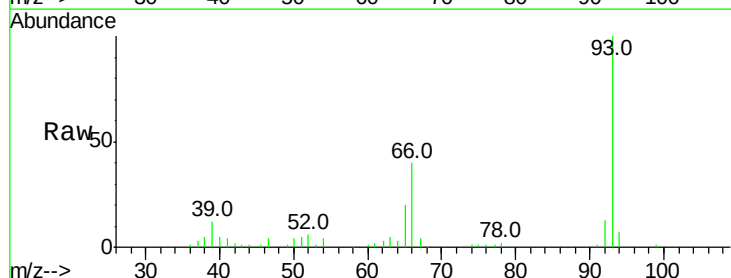
Tgt Ion: 93 Resp: 76596

Ion Ratio Lower Upper

93 100

66 39.6 33.7 50.5

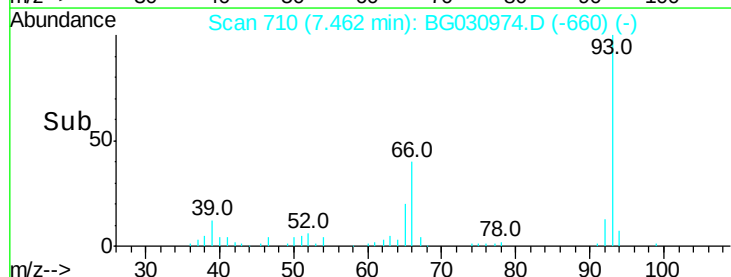
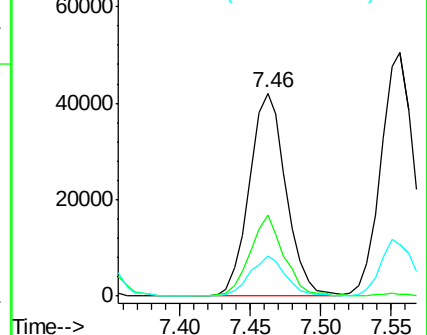
65 19.8 16.1 24.1

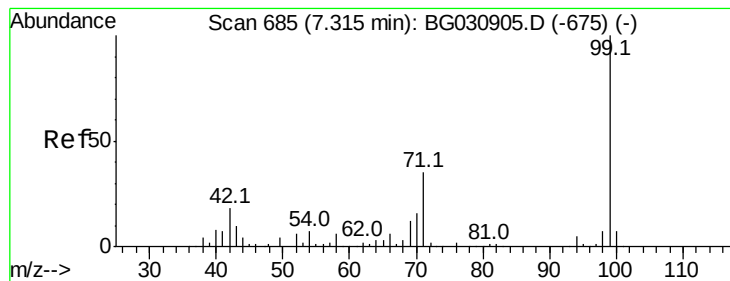


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.696 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampled :

PB104186BS

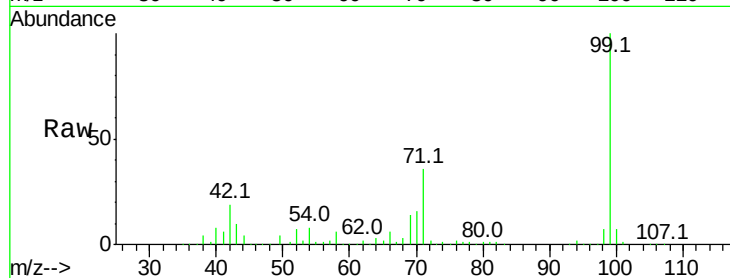
Tot Ion: 99 Resp: 364530

Ion Ratio Lower Upper

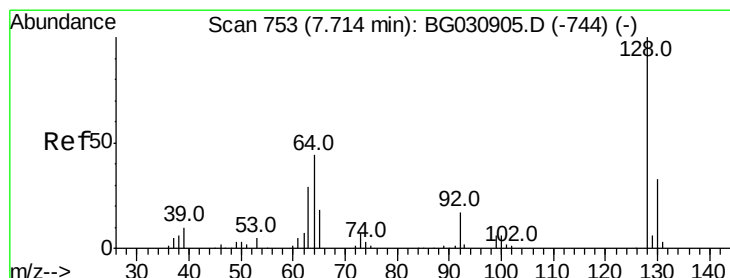
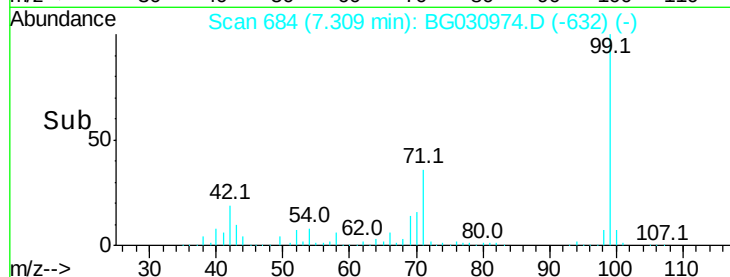
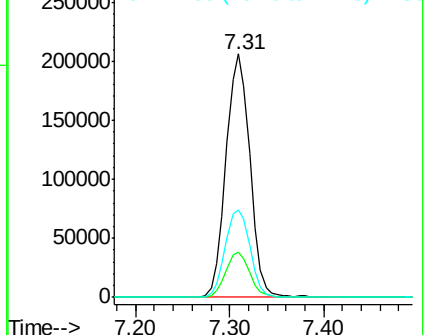
99 100

42 18.8 14.1 21.1

71 36.1 26.1 39.1



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



#8

2-Chlorophenol

Concen: 28.003 ng

RT: 7.71 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

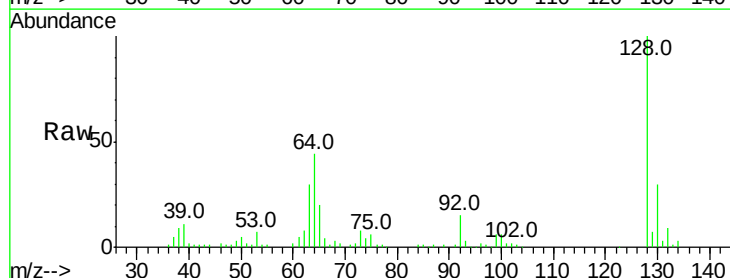
Tgt Ion:128 Resp: 95348

Ion Ratio Lower Upper

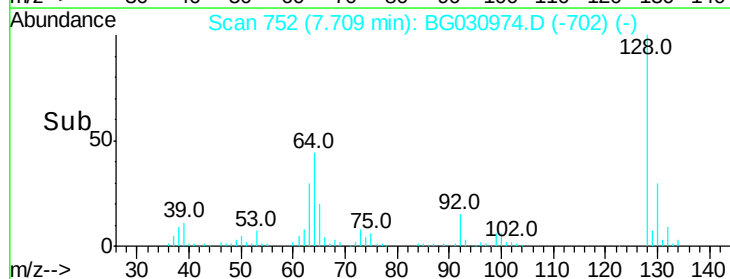
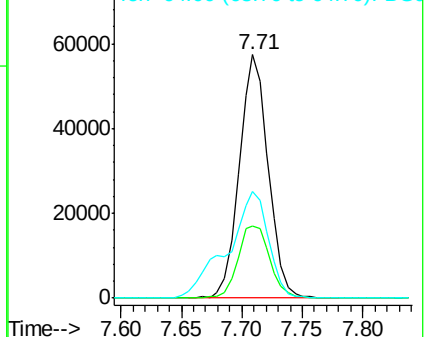
128 100

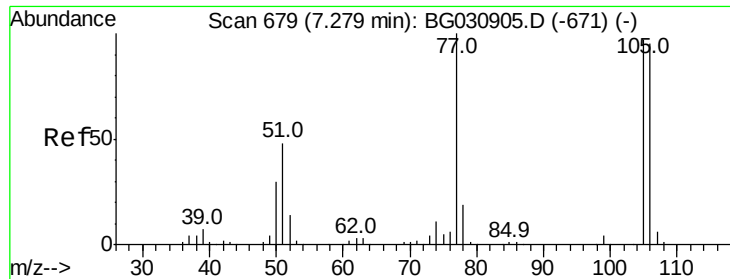
130 29.8 14.0 54.0

64 43.8 37.7 77.7



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





#9

Benzaldehyde

Concen: 15.074 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

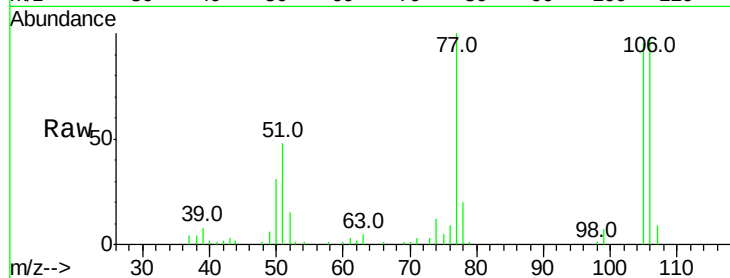
Tot Ion: 77 Resp: 43849

Ion Ratio Lower Upper

77 100

105 95.5 71.3 111.3

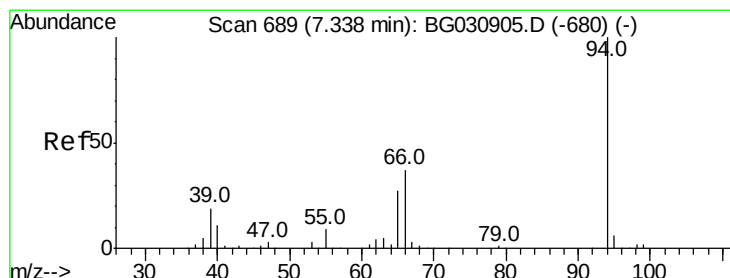
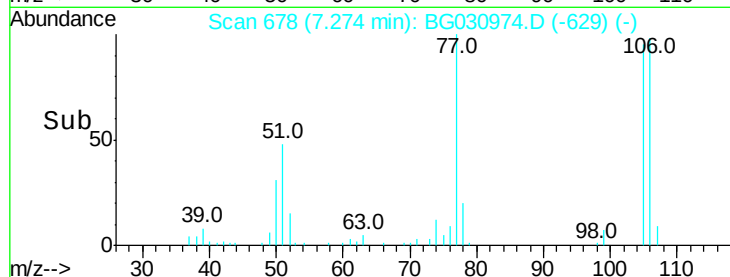
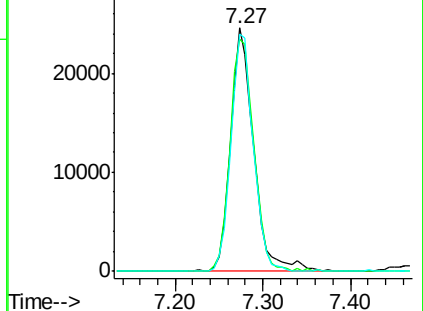
106 97.6 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 28.669 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

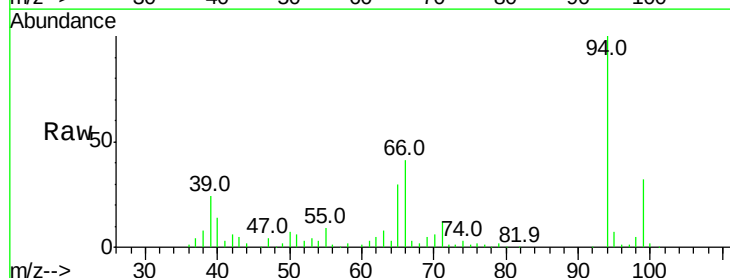
Tgt Ion: 94 Resp: 123759

Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

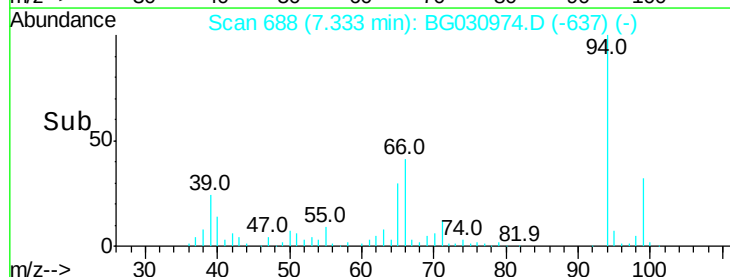
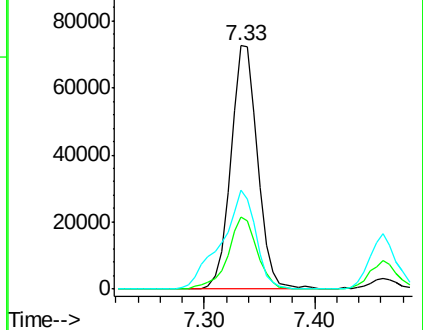
66 40.8 22.2 62.2

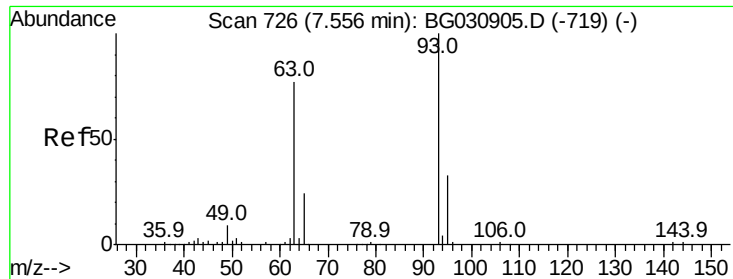


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



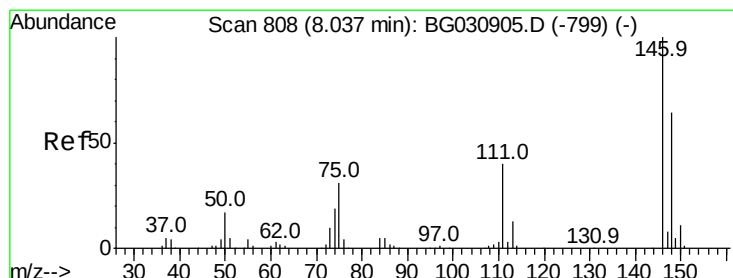
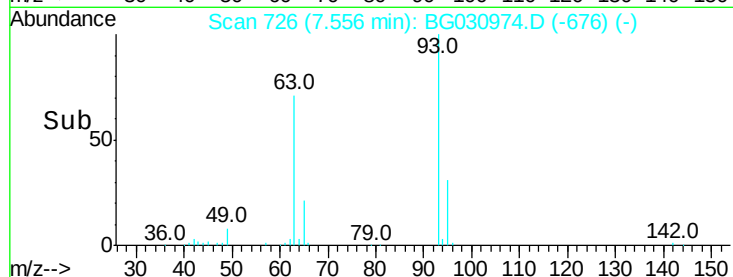
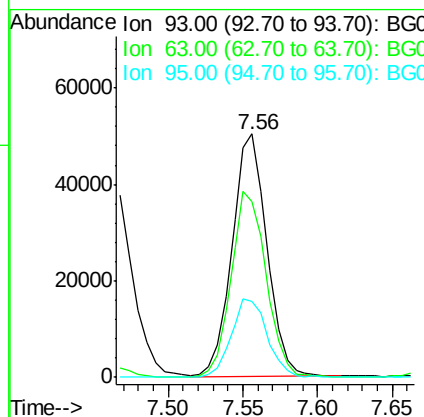
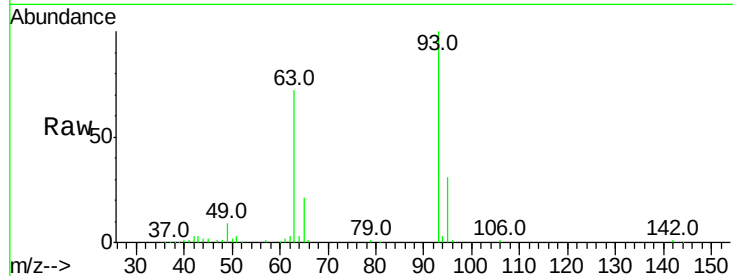


#11

bis(2-Chloroethyl)ether
Concen: 23.739 ng
RT: 7.56 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

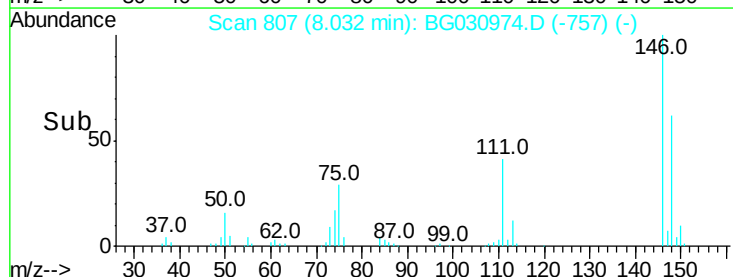
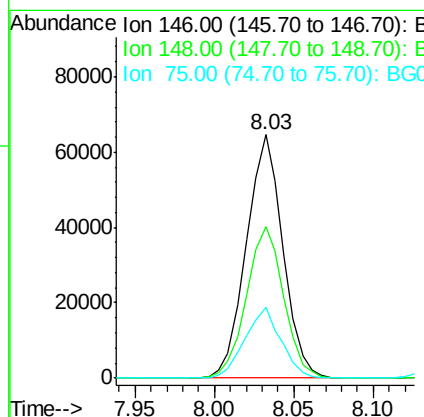
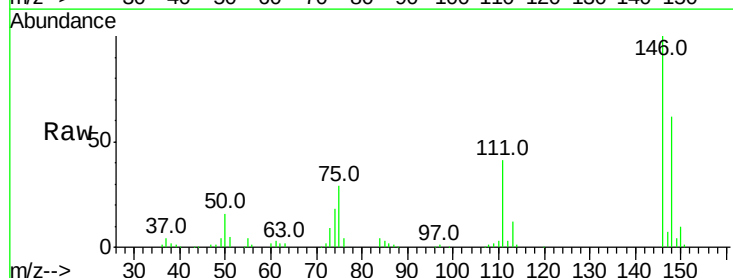
Tot Ion: 93 Resp: 81821
Ion Ratio Lower Upper
93 100
63 72.1 67.1 107.1
95 31.3 11.5 51.5

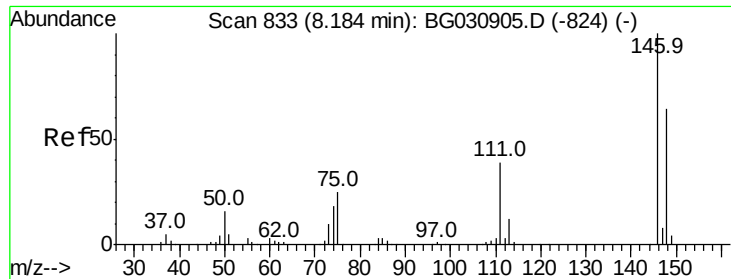


#12

1,3-Dichlorobenzene
Concen: 25.843 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion: 146 Resp: 103241
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.2
75 28.9 26.6 39.8

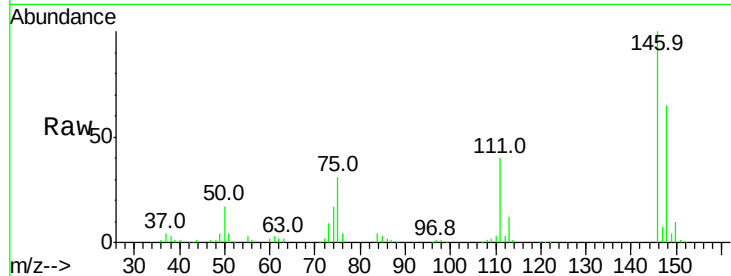




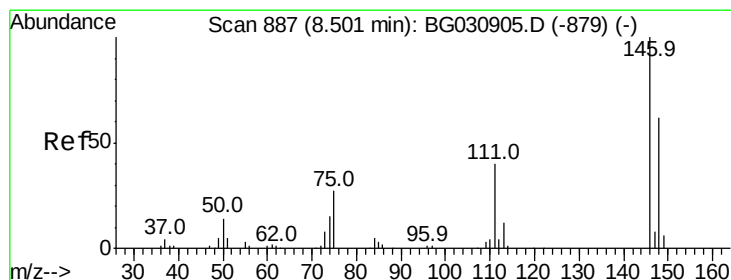
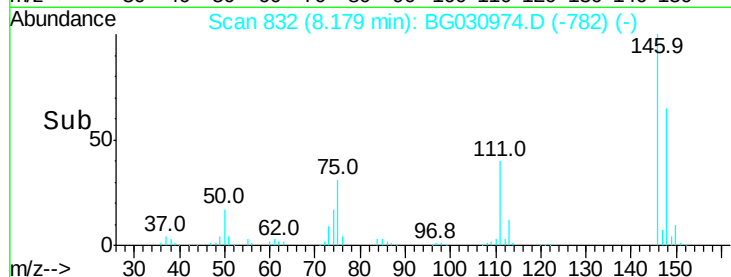
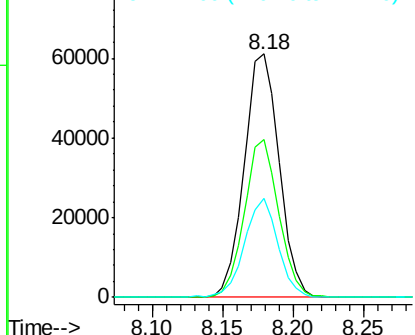
#13
 1,4-Dichlorobenzene
 Concen: 26.209 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

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

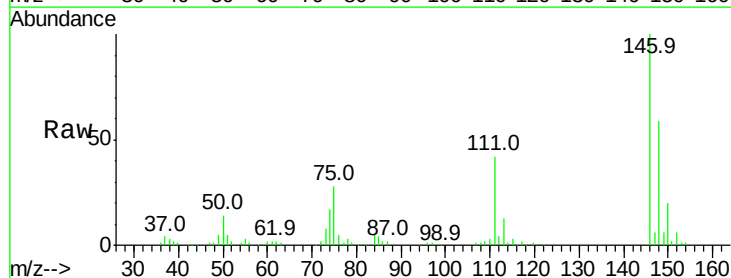


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

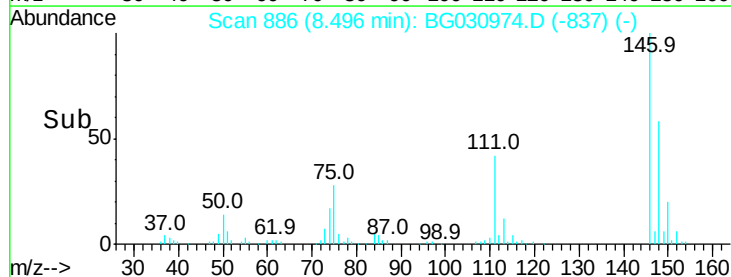
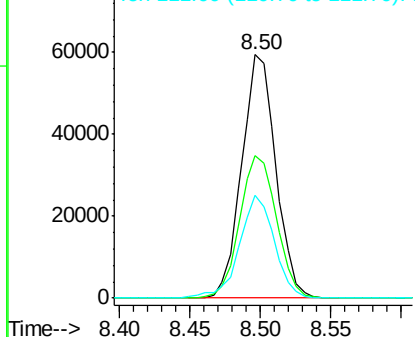


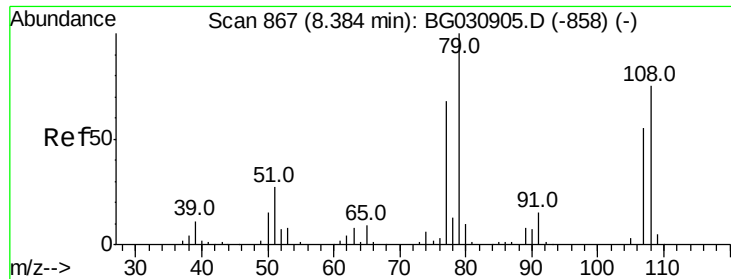
#14
 1,2-Dichlorobenzene
 Concen: 25.880 ng
 RT: 8.50 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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



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





#15

Benzyl Alcohol

Concen: 24.843 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

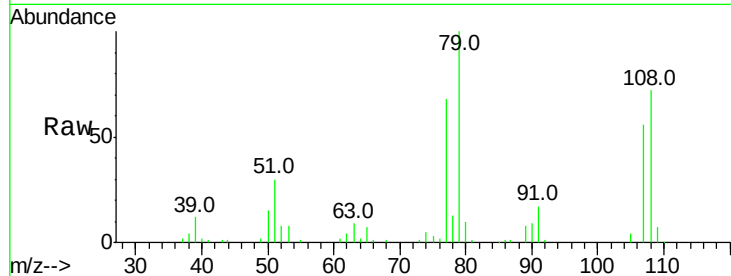
Tot Ion: 79 Resp: 82832

Ion Ratio Lower Upper

79 100

108 71.8 57.2 85.8

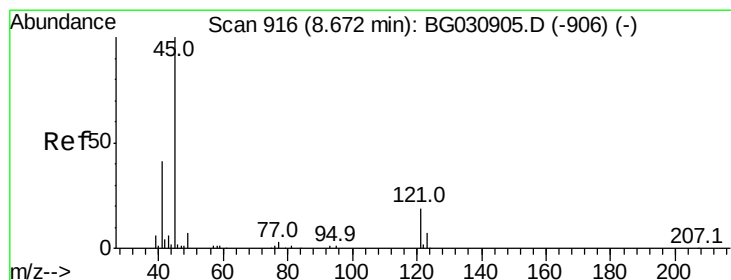
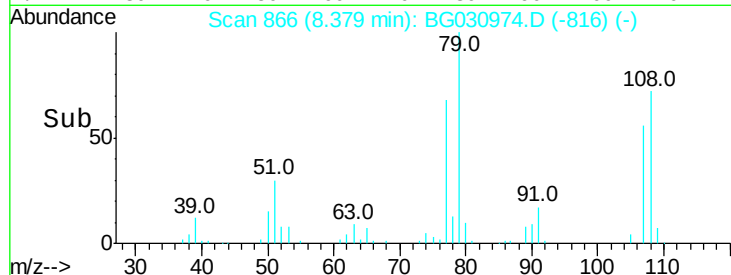
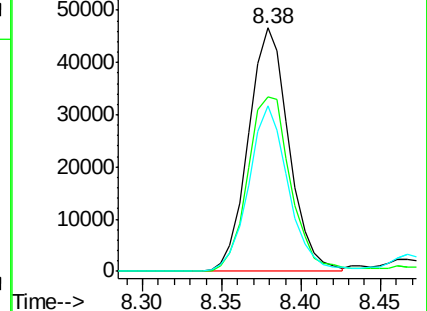
77 68.1 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.034 ng

RT: 8.67 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

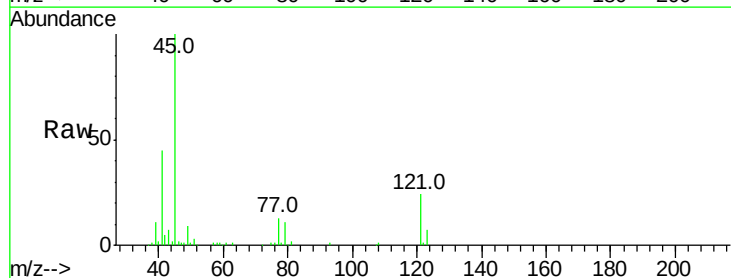
Tgt Ion: 45 Resp: 121959

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.2

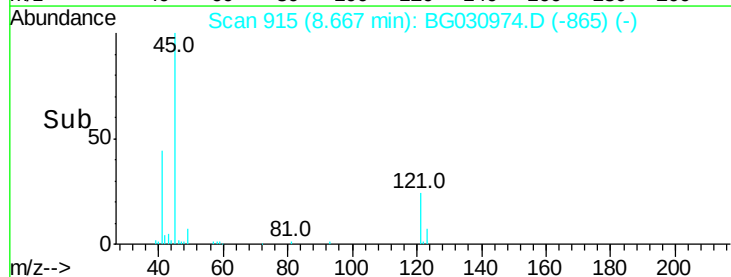
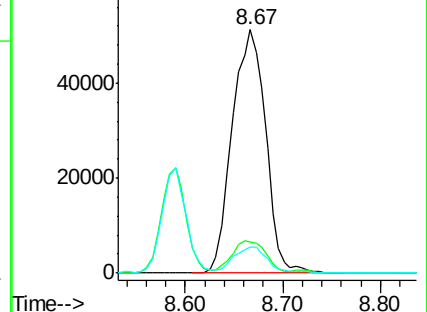
79 10.5 0.0 27.9

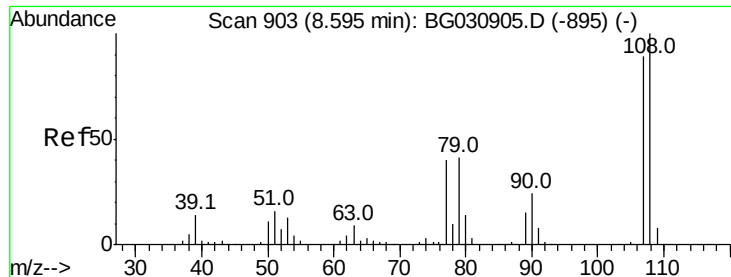


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 27.514 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tot Ion:107 Resp: 82709

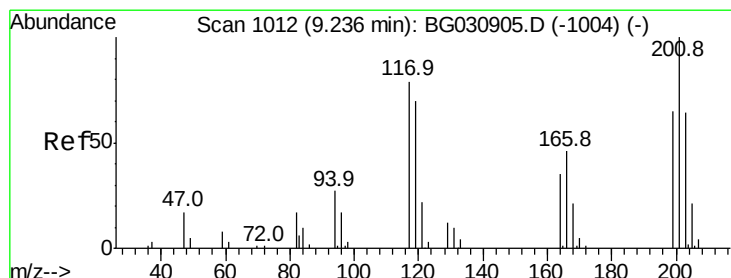
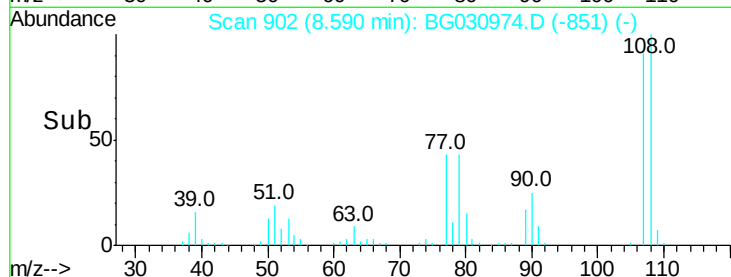
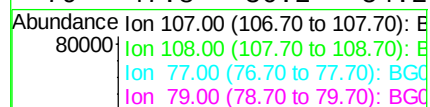
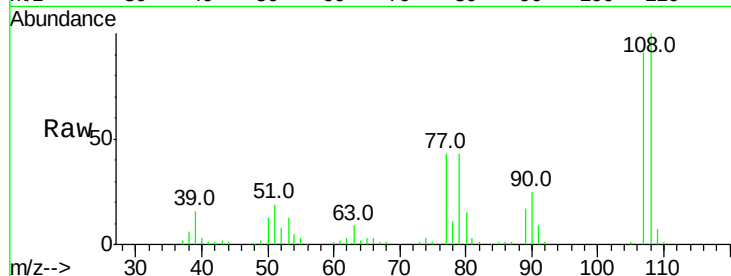
Ion Ratio Lower Upper

107 100

108 110.4 83.9 125.9

77 47.9 37.2 55.8

79 47.8 36.2 54.2



#18

Hexachloroethane

Concen: 25.810 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

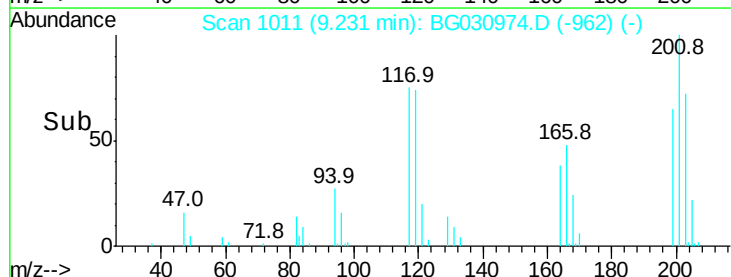
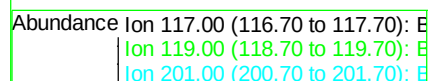
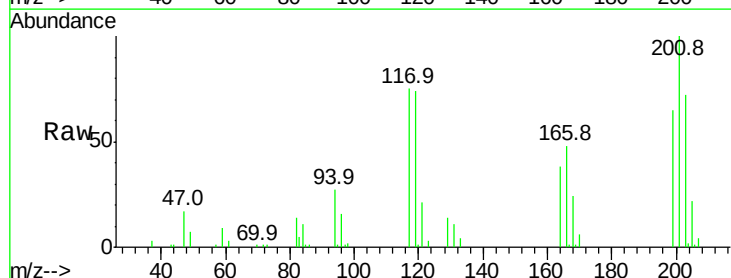
Tgt Ion:117 Resp: 36366

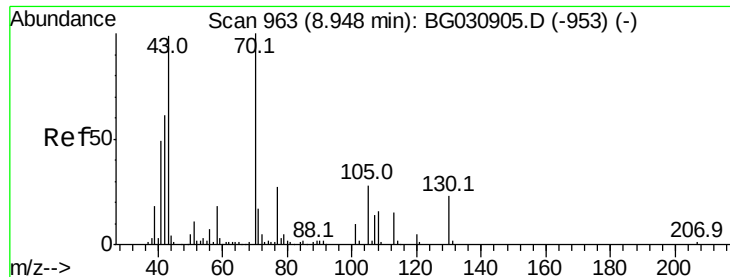
Ion Ratio Lower Upper

117 100

119 98.3 76.7 115.1

201 133.7 95.7 143.5





#19

n-Nitroso-di-n-propylamine

Concen: 21.570 ng

RT: 8.94 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tot Ion: 70 Resp: 68174

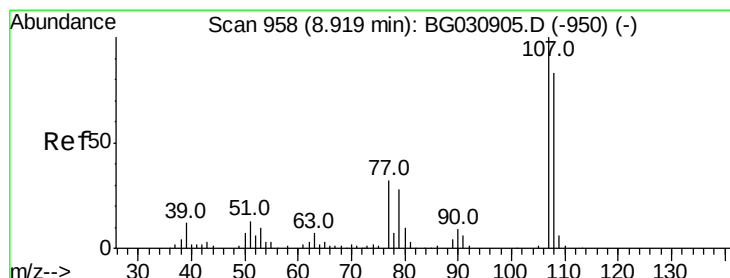
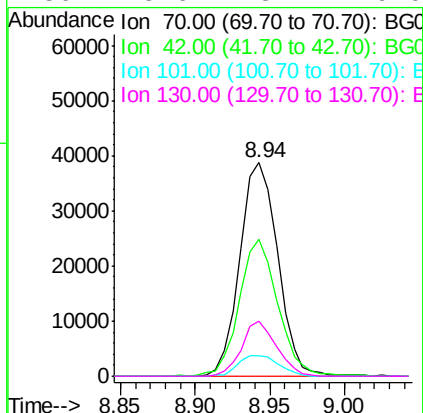
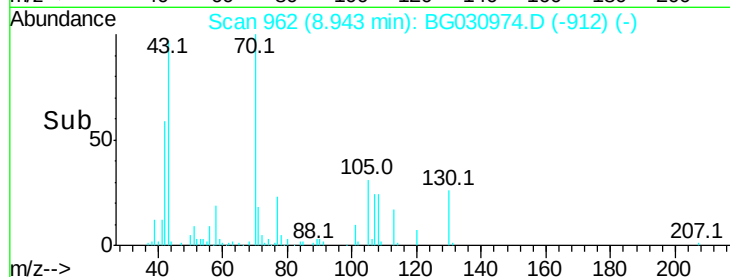
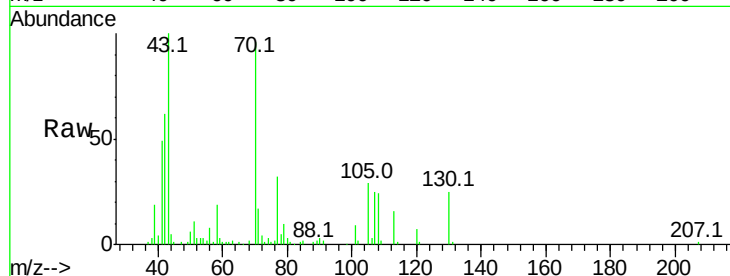
Ion Ratio Lower Upper

70 100

42 64.4 49.1 73.7

101 9.5 8.5 12.7

130 25.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 26.750 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Tgt Ion: 107 Resp: 114340

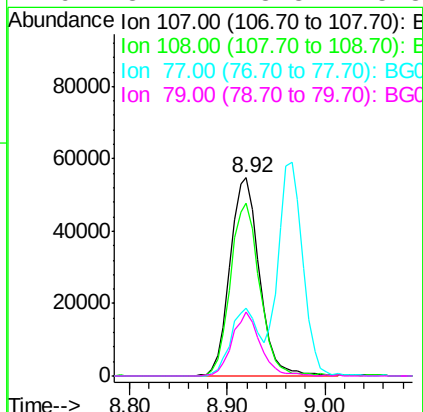
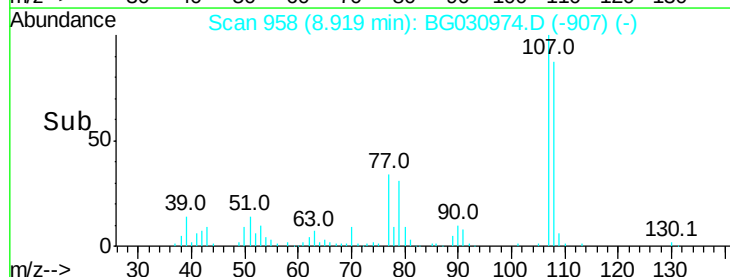
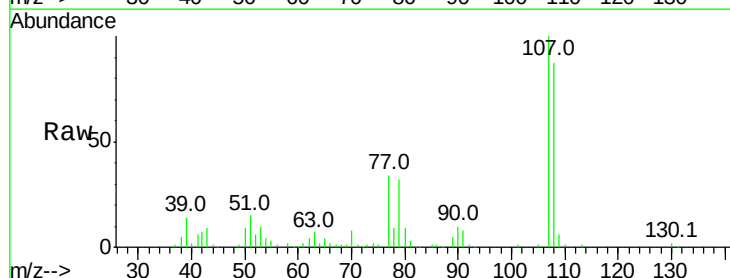
Ion Ratio Lower Upper

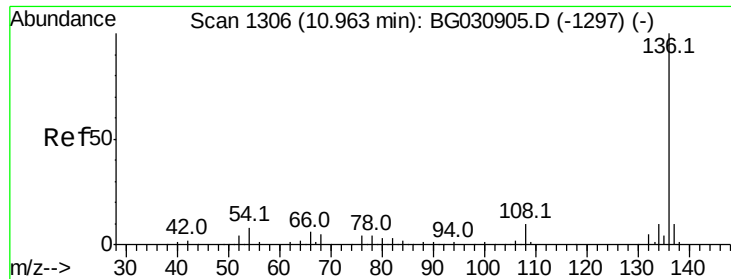
107 100

108 87.1 61.6 101.6

77 34.0 13.9 53.9

79 32.1 8.8 48.8

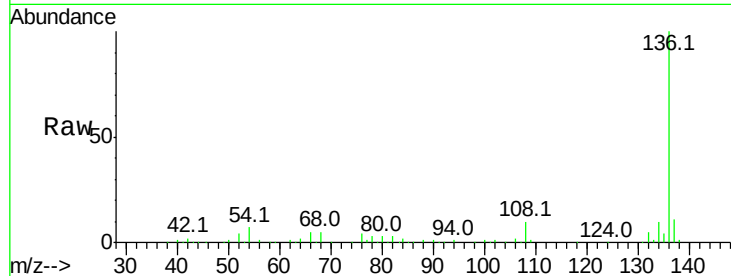




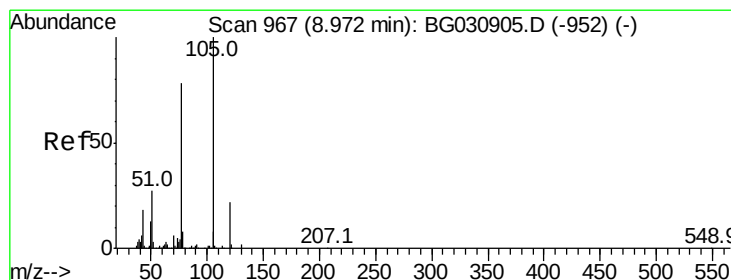
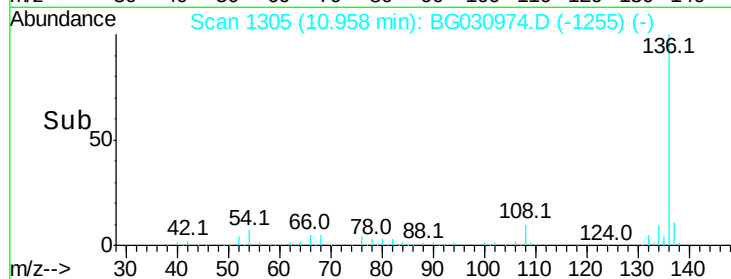
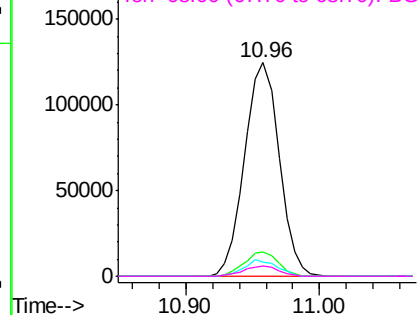
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

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

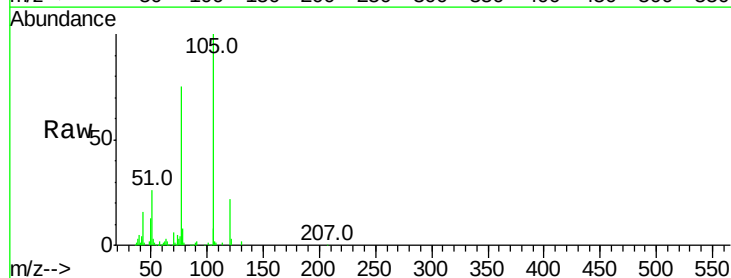


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

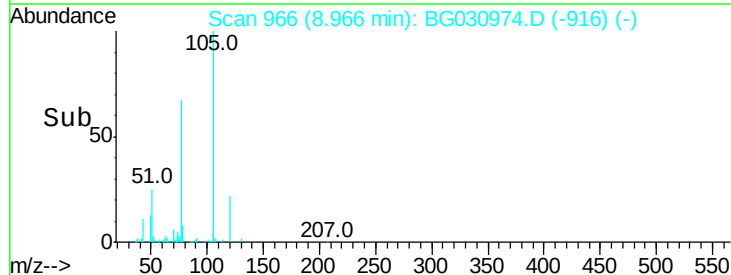
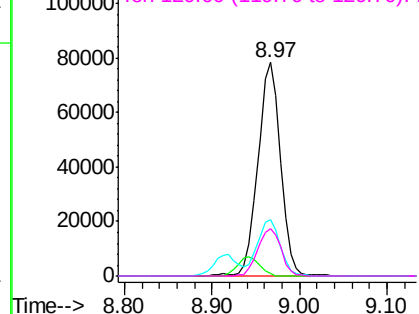


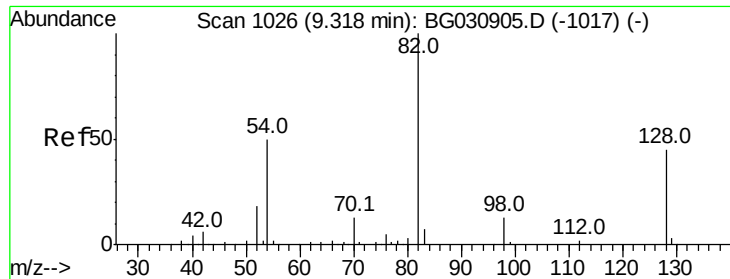
#22
Acetophenone
Concen: 24.706 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

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



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

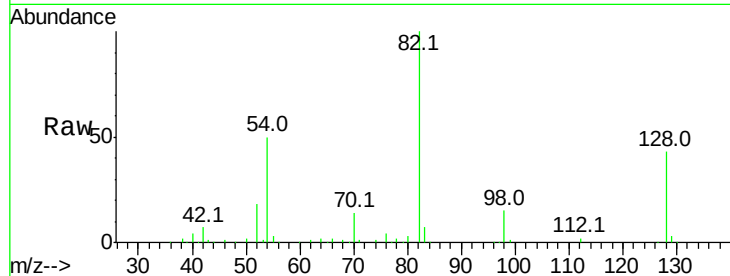




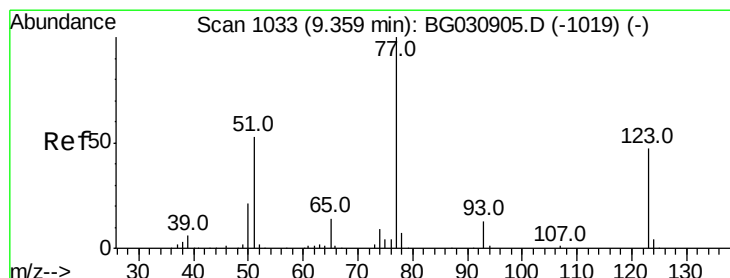
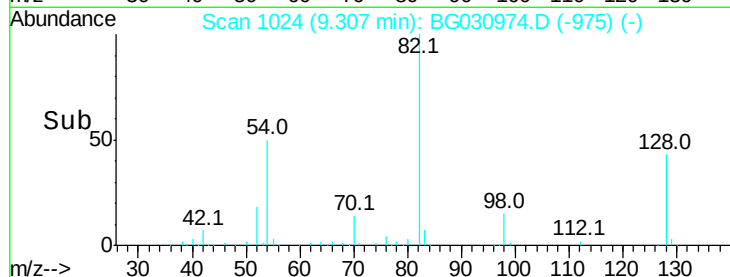
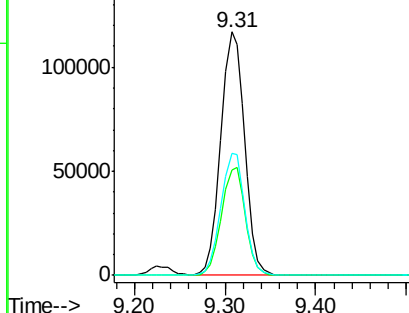
#23
Nitrobenzene-d5
Concen: 56.299 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

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

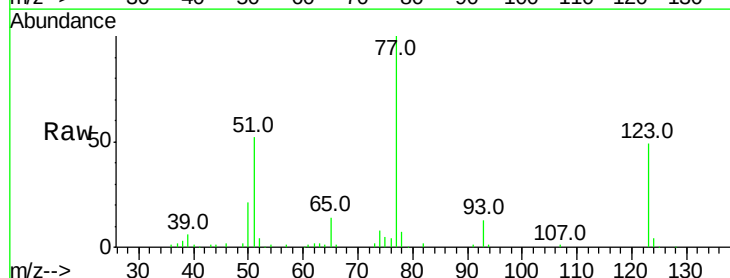


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

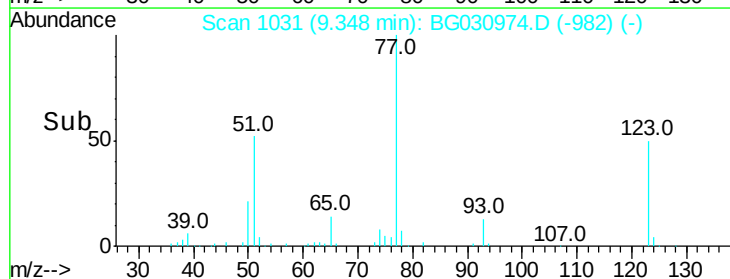
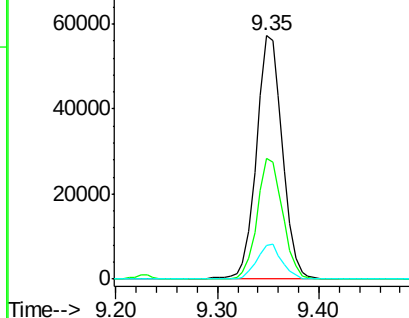


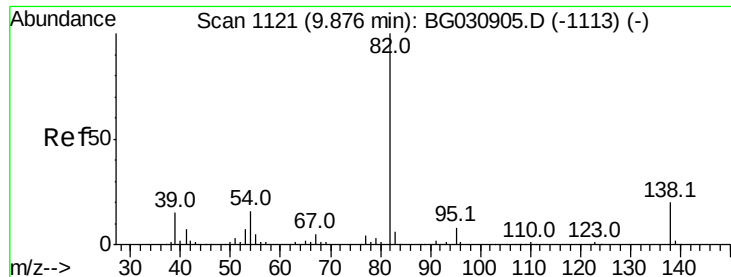
#24
Nitrobenzene
Concen: 26.472 ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

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



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





#25

Isophorone

Concen: 26.120 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

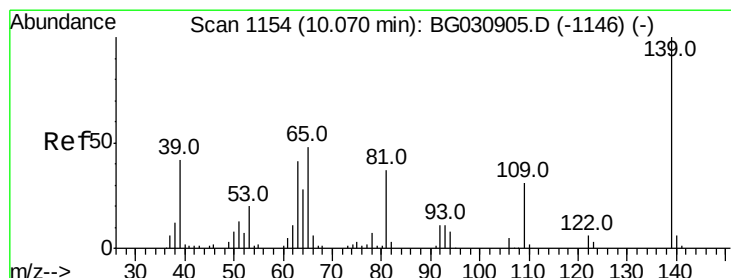
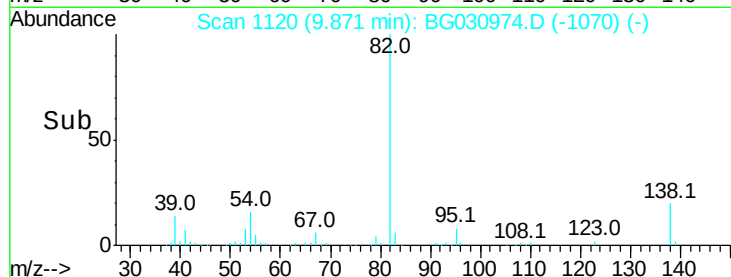
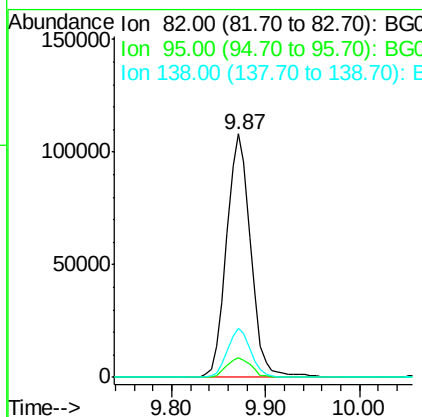
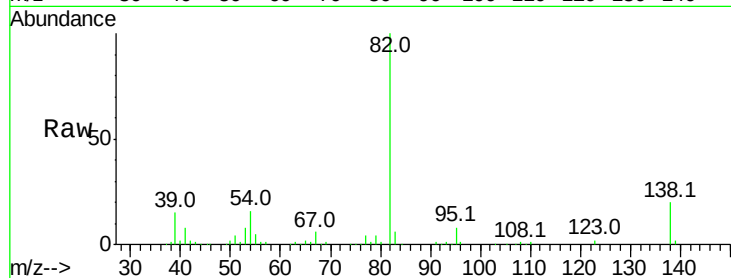
Tot Ion: 82 Resp: 192950

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 20.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 26.942 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

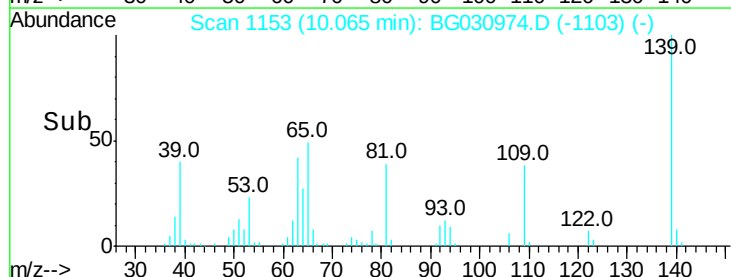
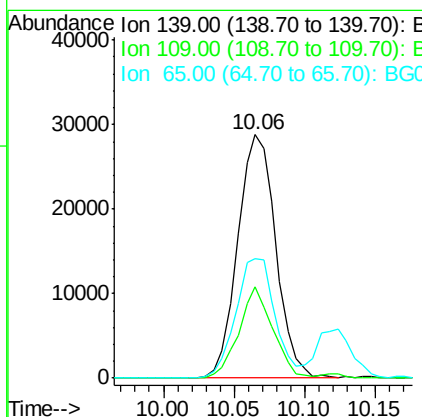
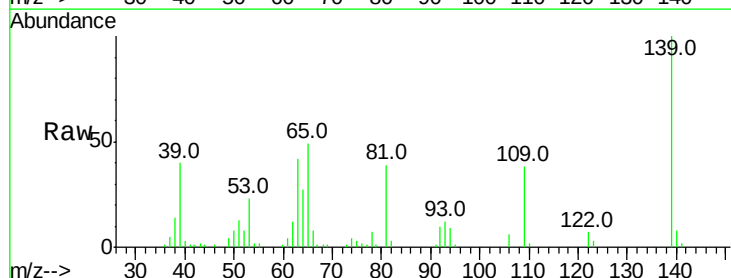
Tgt Ion:139 Resp: 54337

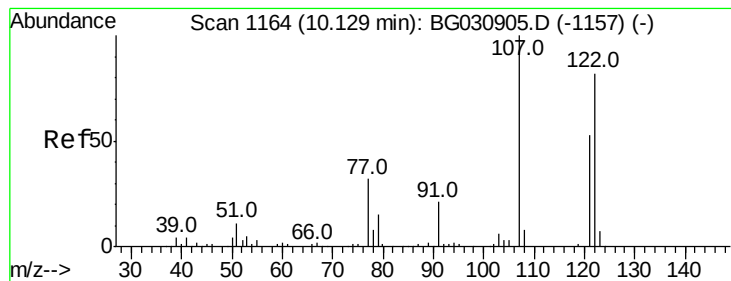
Ion Ratio Lower Upper

139 100

109 37.5 24.2 36.2#

65 49.3 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 31.770 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

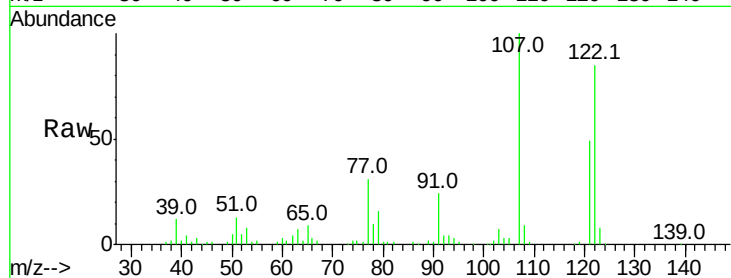
Tot Ion:122 Resp: 95122

Ion Ratio Lower Upper

122 100

107 118.1 100.2 150.2

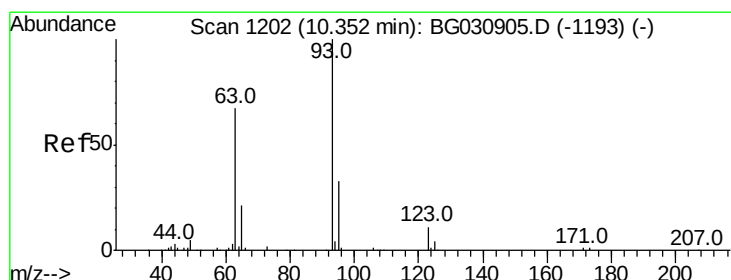
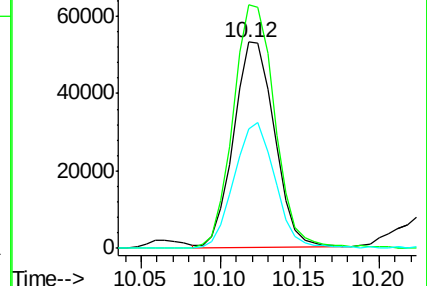
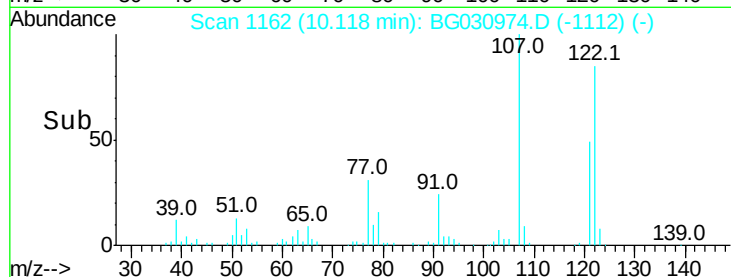
121 57.9 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 25.597 ng

RT: 10.35 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

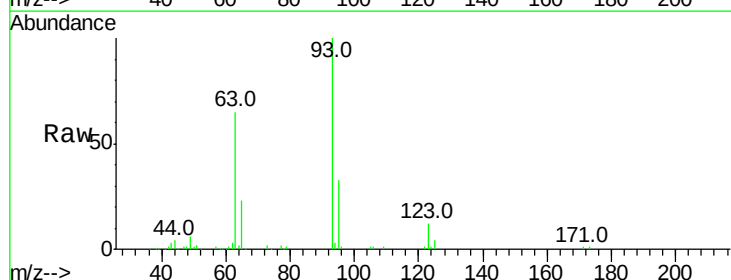
Tgt Ion: 93 Resp: 119089

Ion Ratio Lower Upper

93 100

95 32.9 24.3 36.5

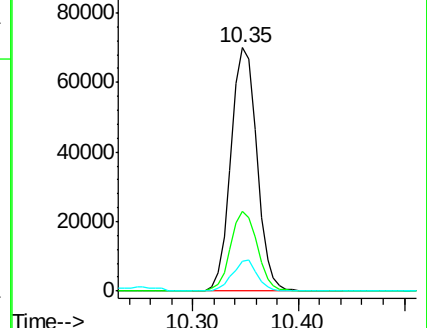
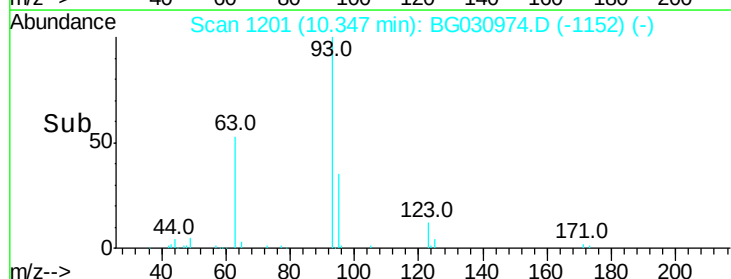
123 12.1 8.4 12.6

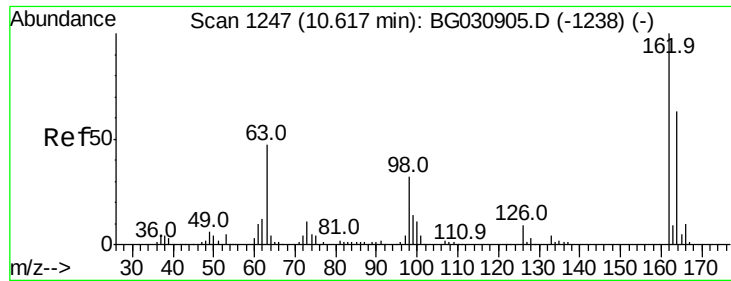


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

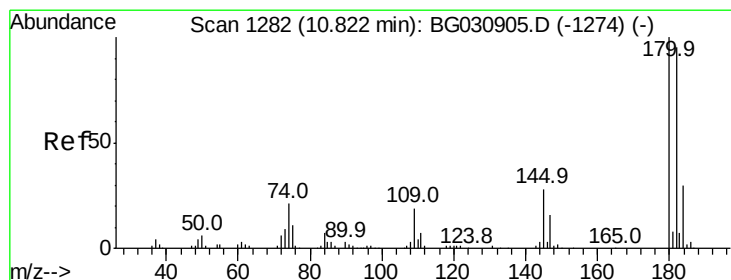
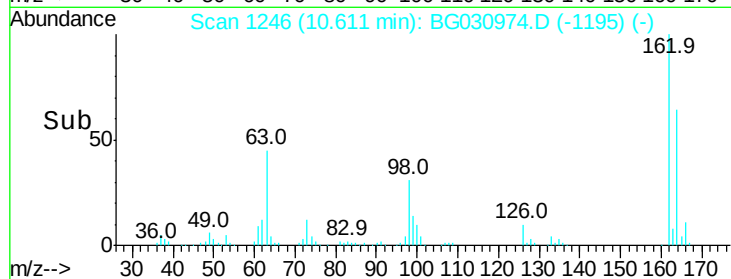
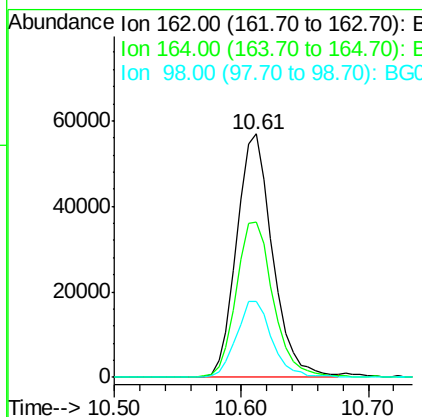
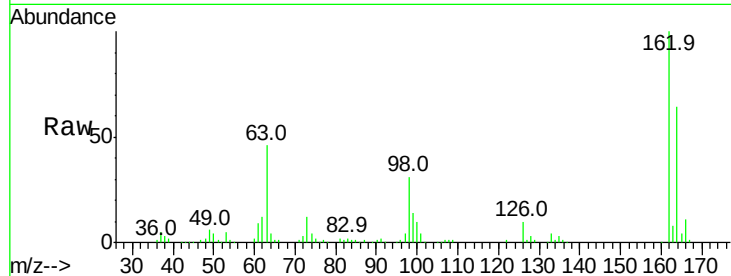




#29
 2,4-Dichlorophenol
 Concen: 31.152 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

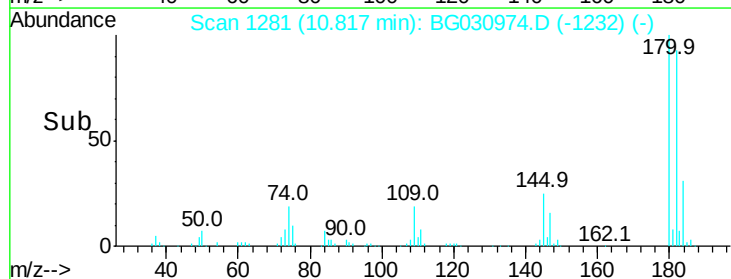
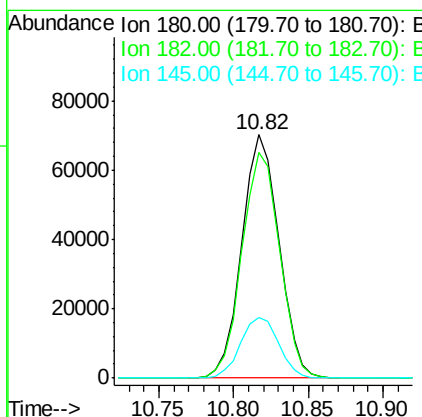
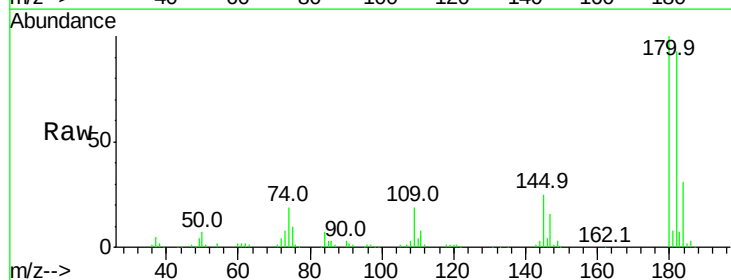
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

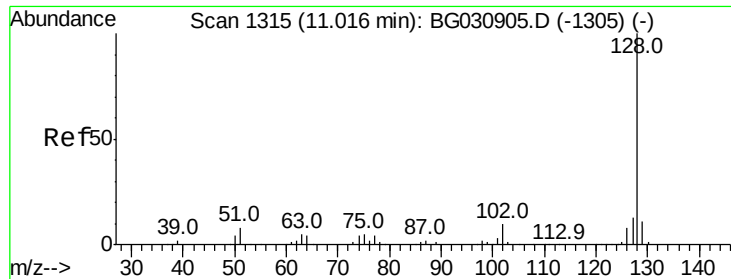
Tot Ion:162 Resp: 112004
 Ion Ratio Lower Upper
 162 100
 164 63.7 48.0 88.0
 98 31.1 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 28.151 ng
 RT: 10.82 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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

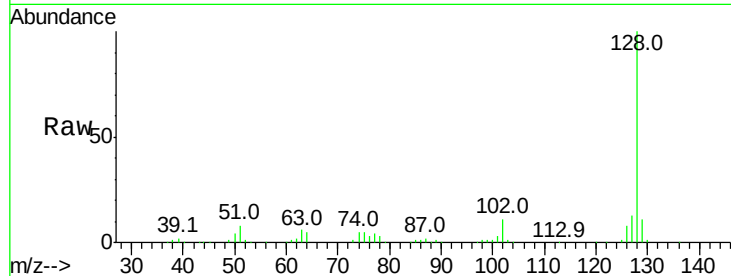




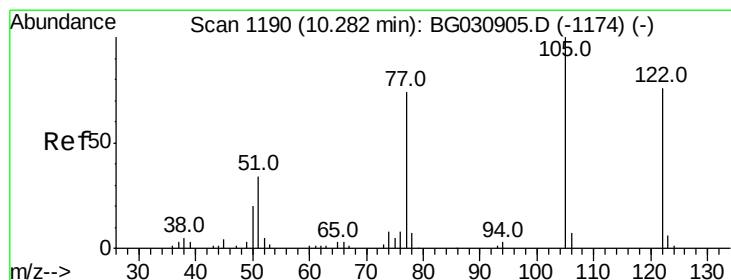
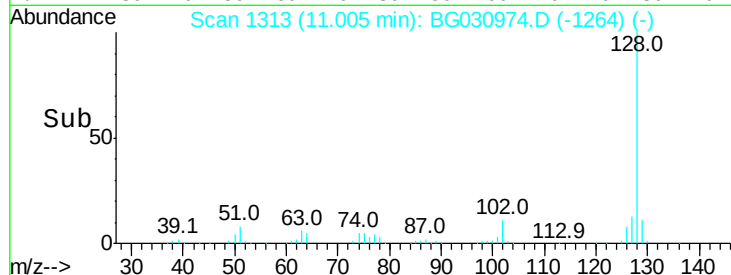
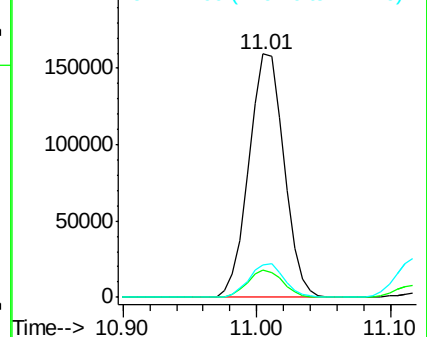
#31
Naphthalene
Concen: 26.211 ng
RT: 11.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

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

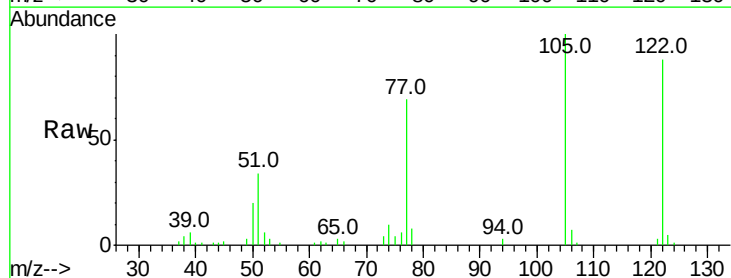


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

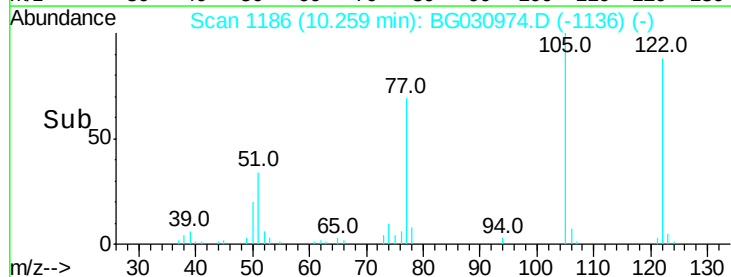
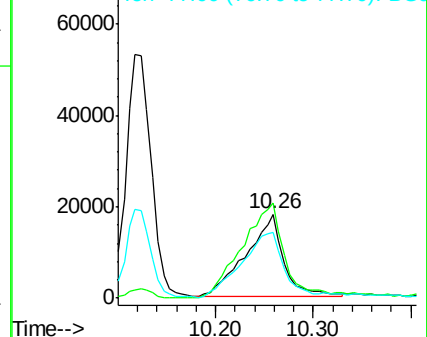


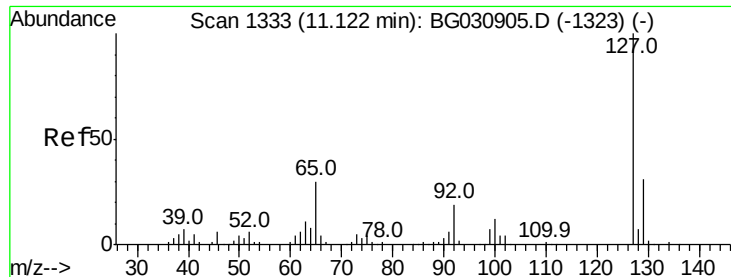
#32
Benzoic acid
Concen: 22.497 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

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



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

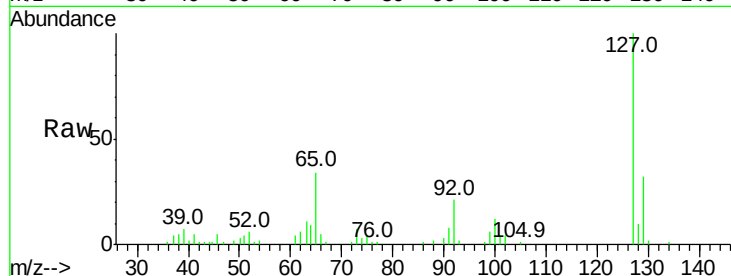




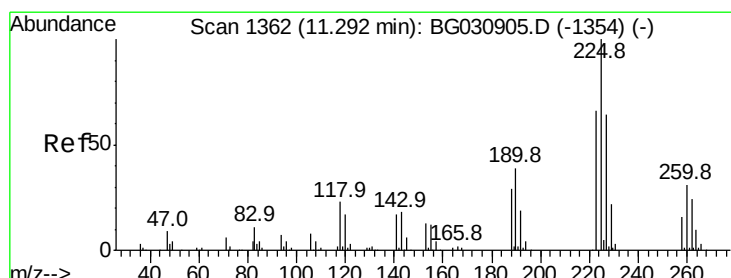
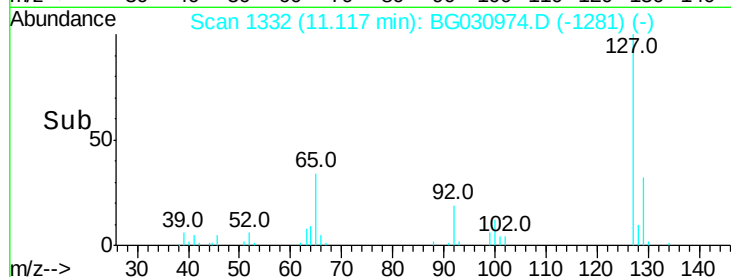
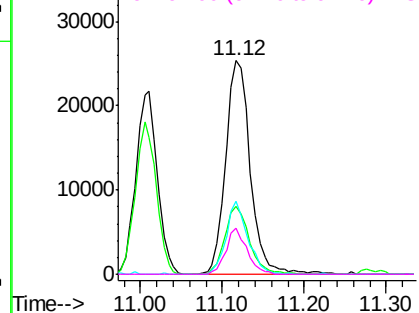
#33
4-Chloroaniline
Concen: 11.027 ng
RT: 11.12 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

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

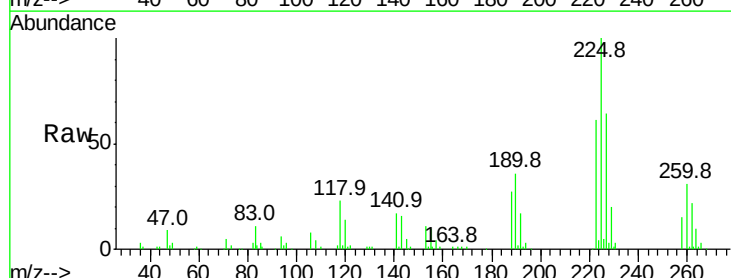


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

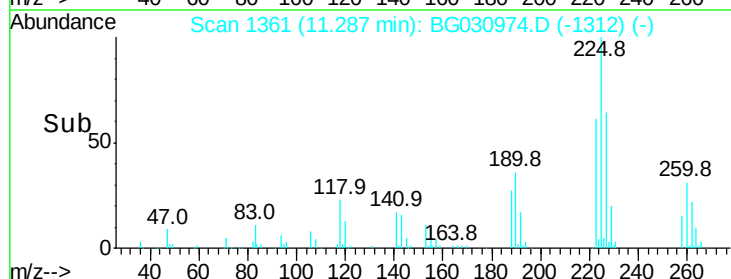
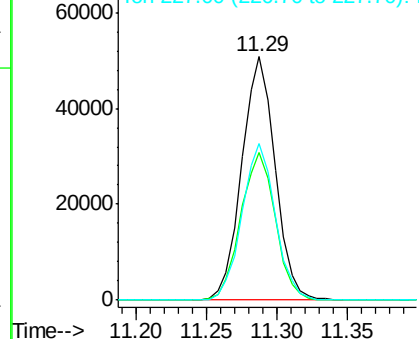


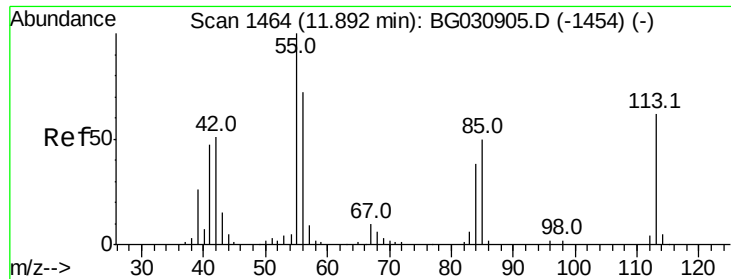
#34
Hexachlorobutadiene
Concen: 28.276 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

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



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





#35

Caprolactam

Concen: 25.024 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

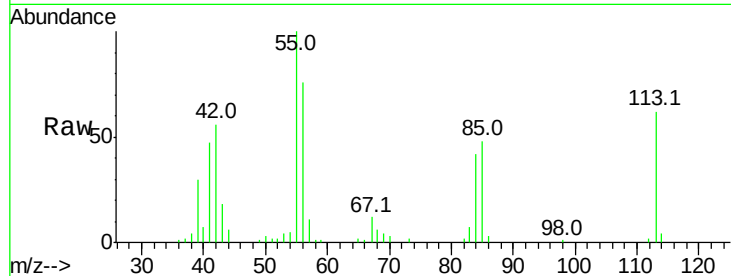
Tot Ion:113 Resp: 36753

Ion Ratio Lower Upper

113 100

55 161.1 186.9 226.9#

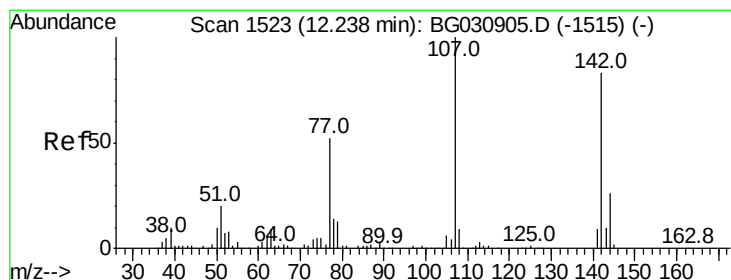
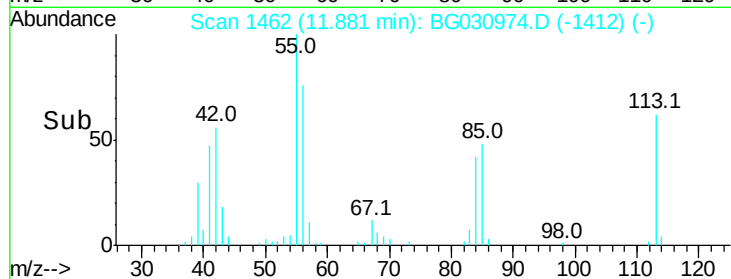
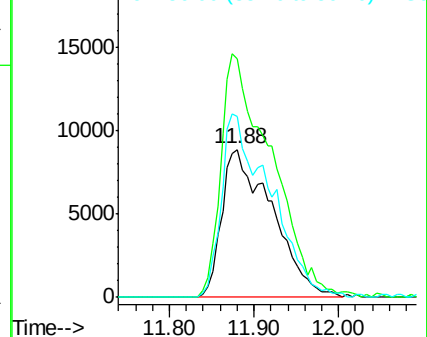
56 122.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 28.506 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

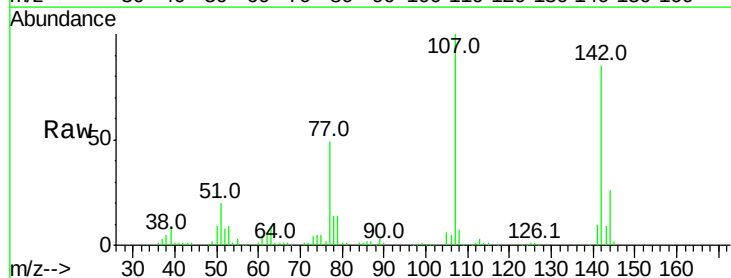
Tgt Ion:107 Resp: 111549

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

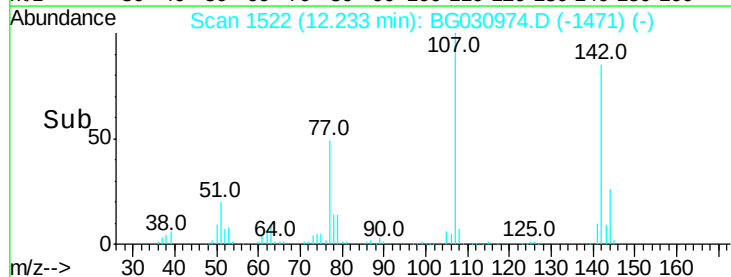
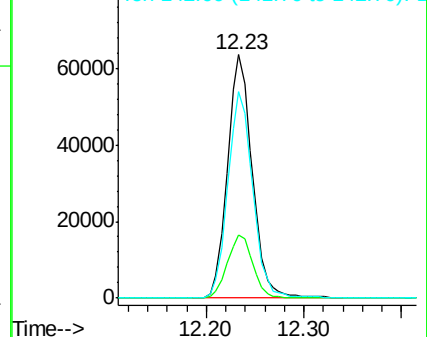
142 84.6 59.0 88.4

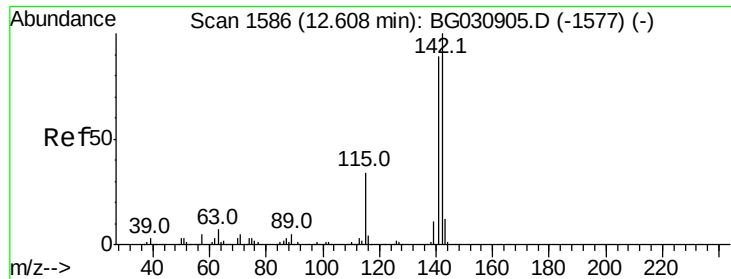


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

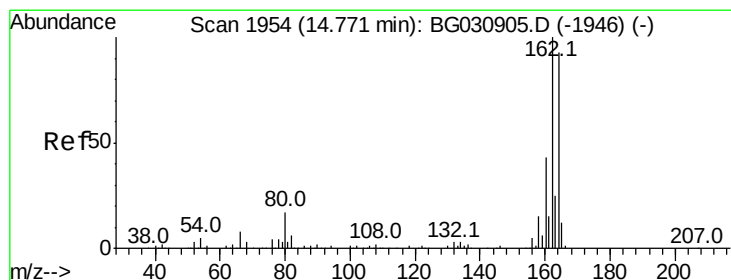
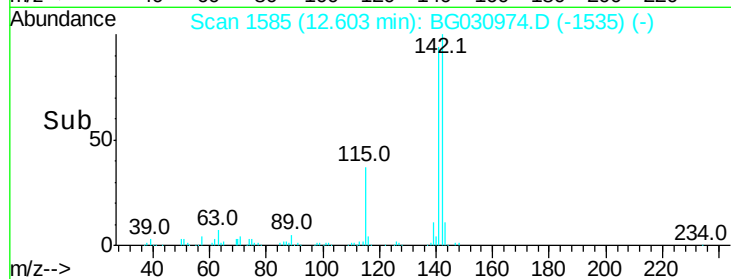
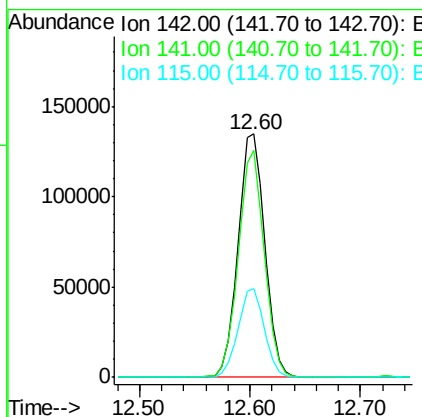
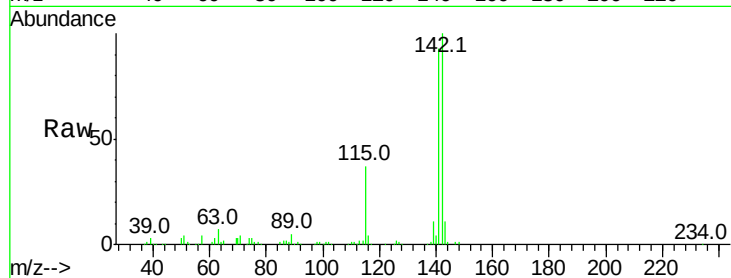




#37
2-Methylnaphthalene
Concen: 26.942 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

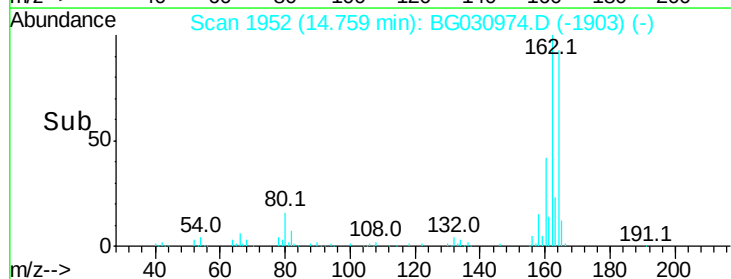
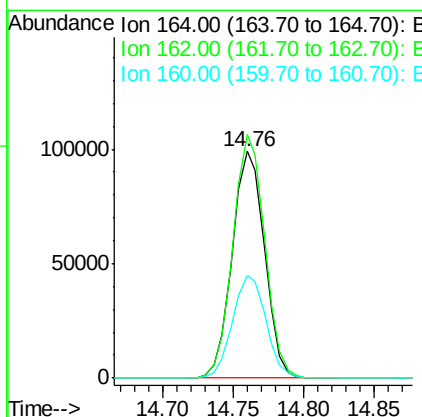
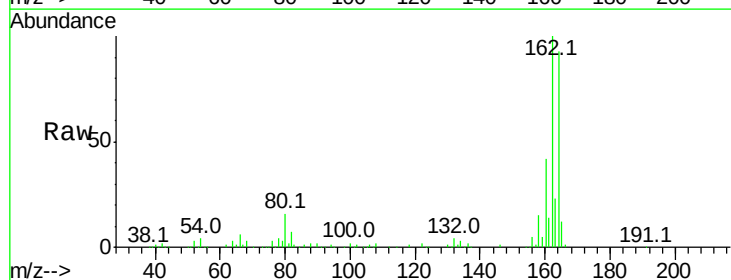
Instrument :
BNA_G
ClientSampleId :
PB104186BS

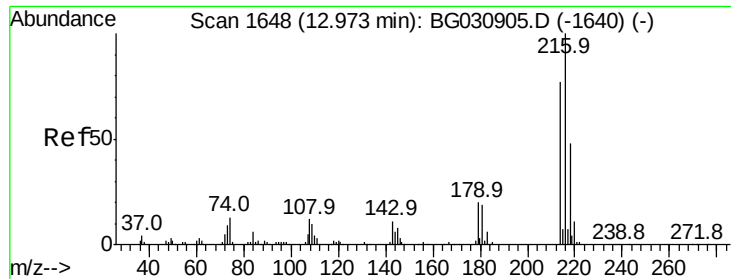
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	67.1	100.7
115	36.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.230 ng

RT: 12.97 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tot Ion:216 Resp: 157961

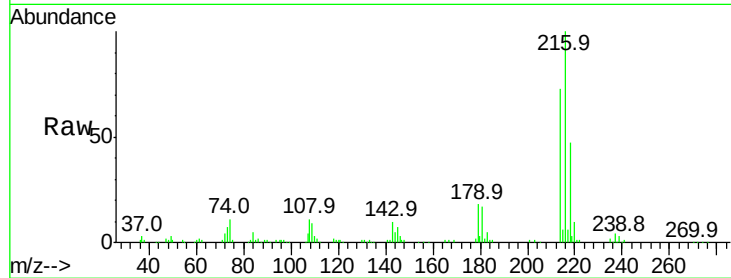
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 17.8 17.0 25.6

108 13.0 12.8 19.2

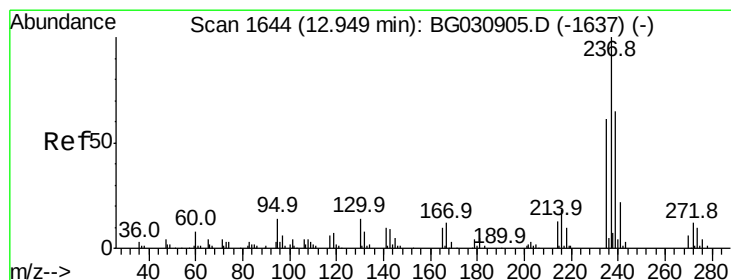
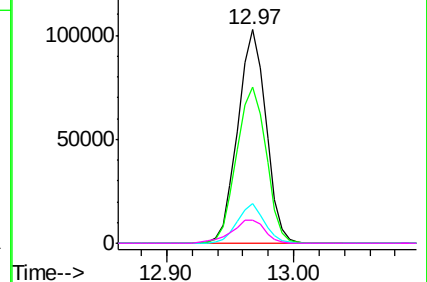
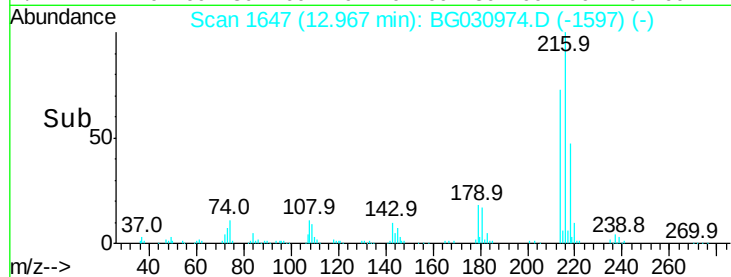


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 59.582 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

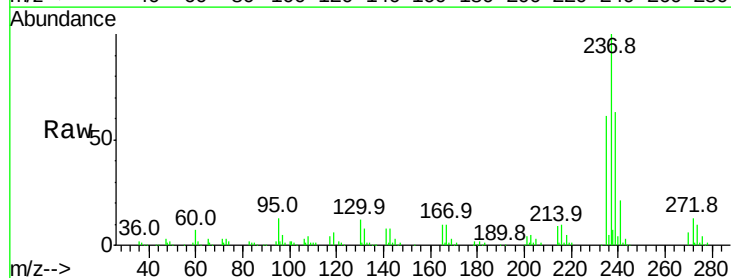
Tgt Ion:237 Resp: 130701

Ion Ratio Lower Upper

237 100

235 60.8 50.4 90.4

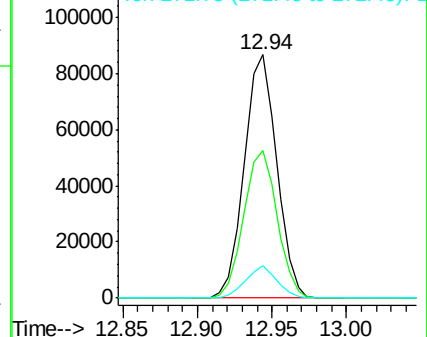
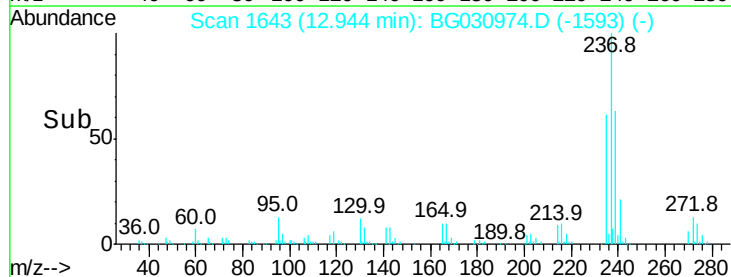
272 13.2 0.0 31.8

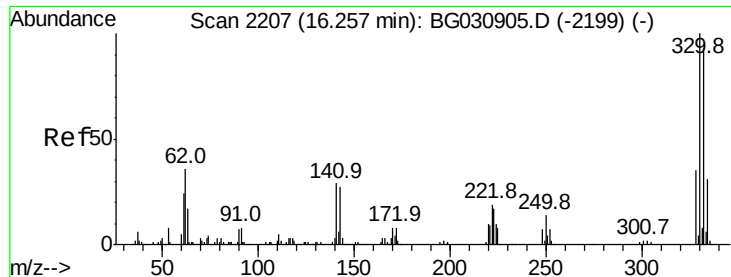


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

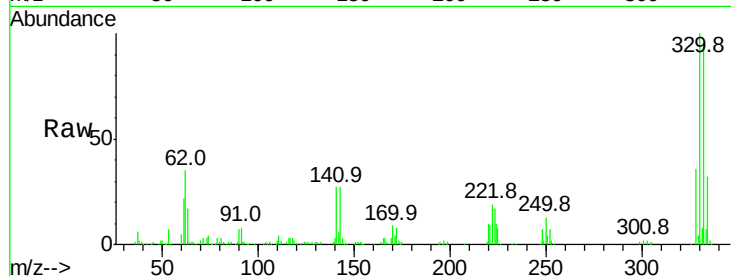




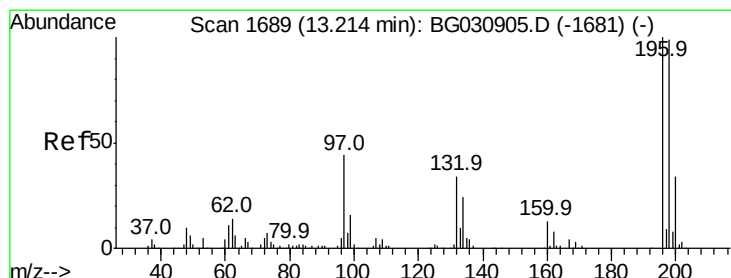
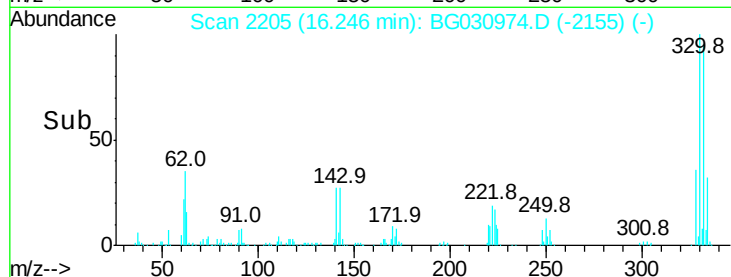
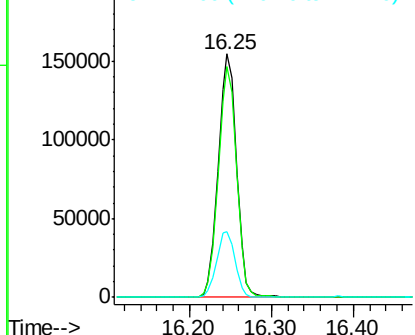
#41
 2,4,6-Tribromophenol
 Concen: 94.957 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	27.2	25.2	37.8

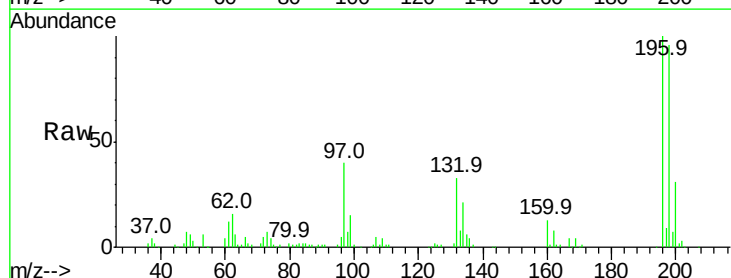


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

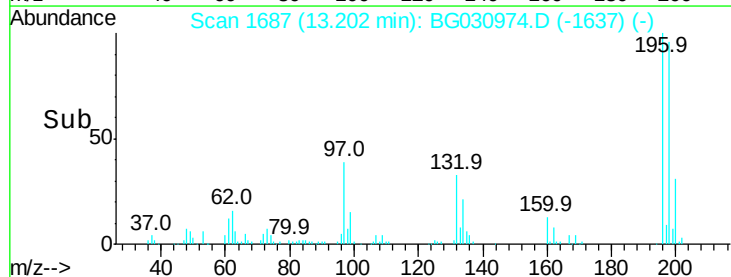
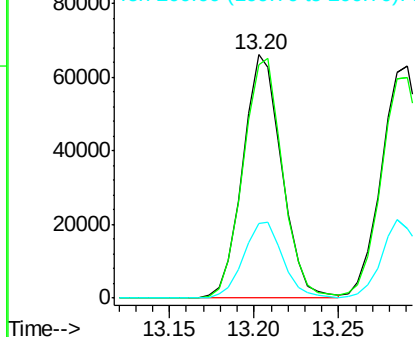


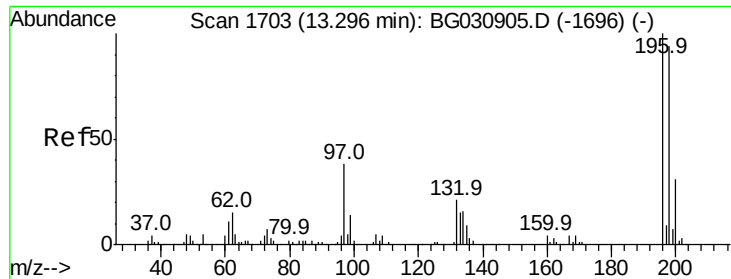
#42
 2,4,6-Trichlorophenol
 Concen: 29.771 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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



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

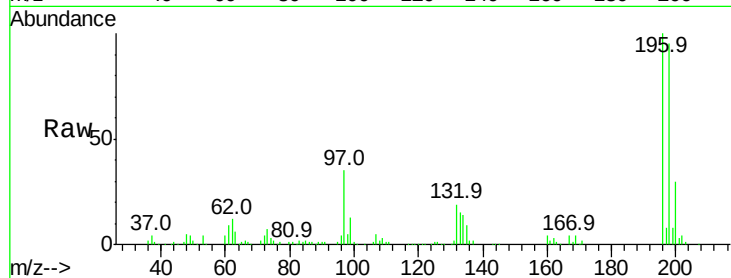




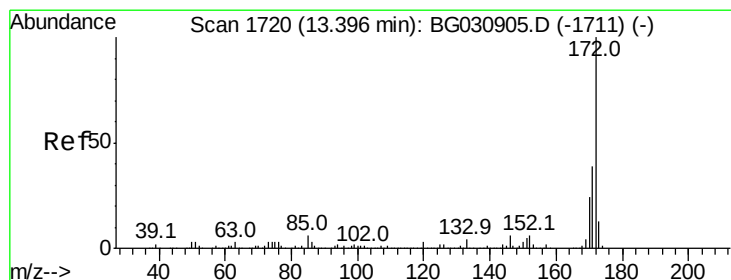
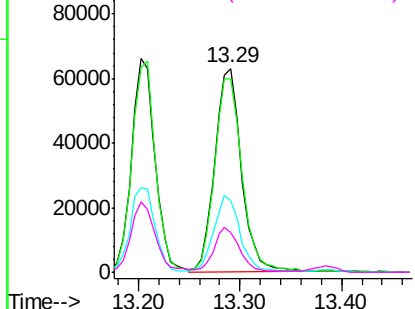
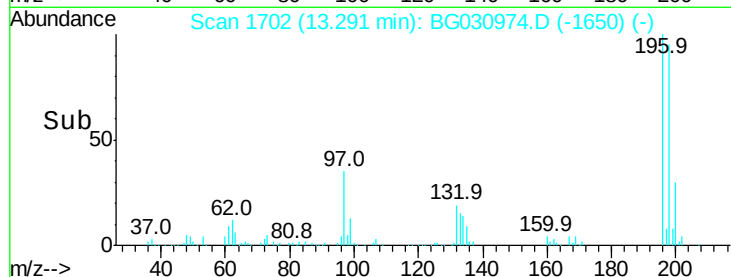
#43
 2,4,5-Trichlorophenol
 Concen: 29.368 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tot Ion:196 Resp: 115008
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.4
 97 35.0 38.7 58.1#
 132 19.4 20.2 30.2#

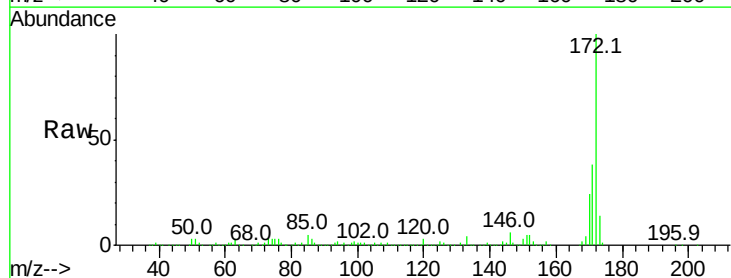


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

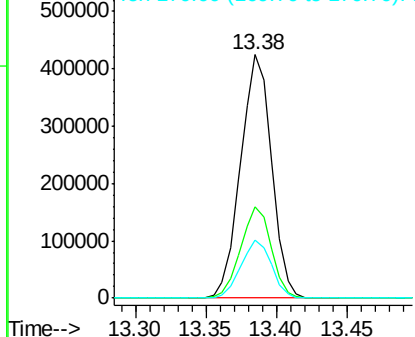
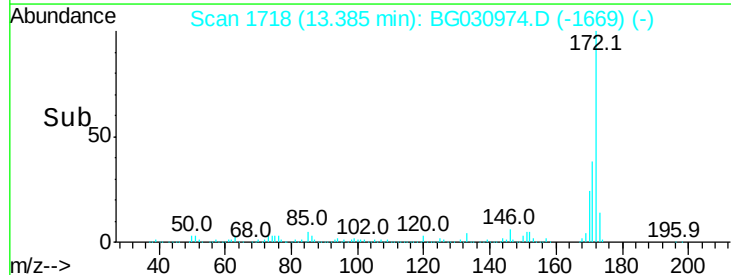


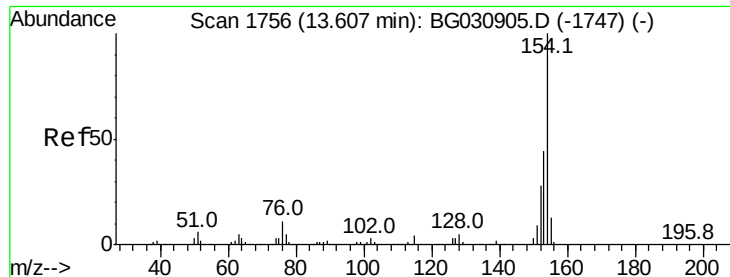
#44
 2-Fluorobiphenyl
 Concen: 59.493 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:172 Resp: 653141
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 24.755 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

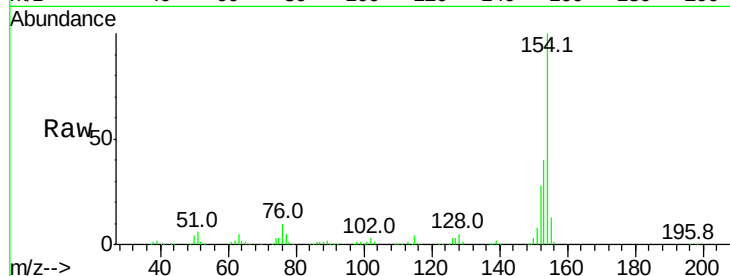
Tot Ion:154 Resp: 323817

Ion Ratio Lower Upper

154 100

153 40.3 19.8 59.8

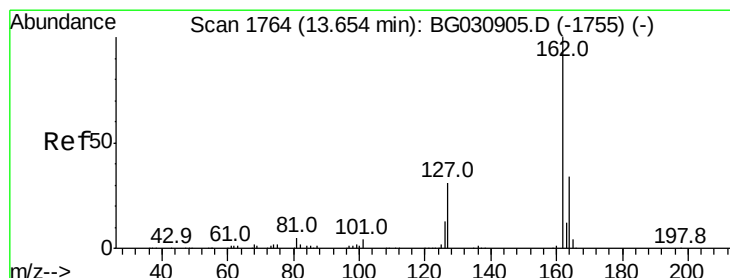
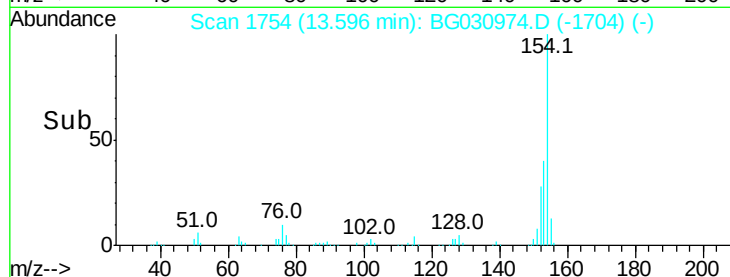
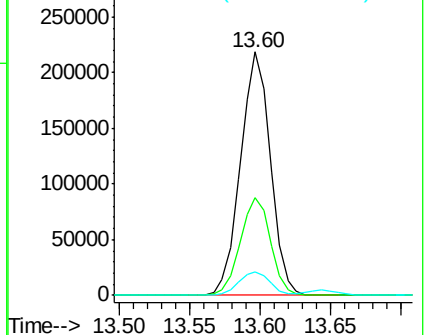
76 9.6 0.0 31.9



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: 27.709 ng

RT: 13.64 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

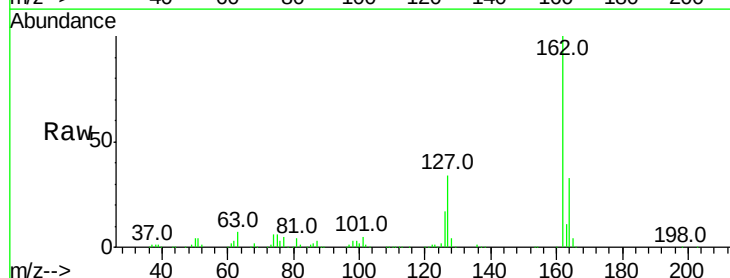
Tgt Ion:162 Resp: 261520

Ion Ratio Lower Upper

162 100

127 33.9 30.7 46.1

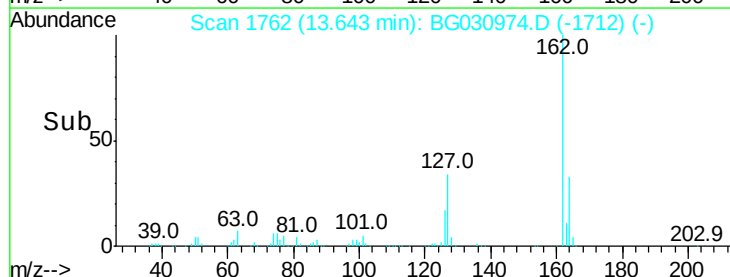
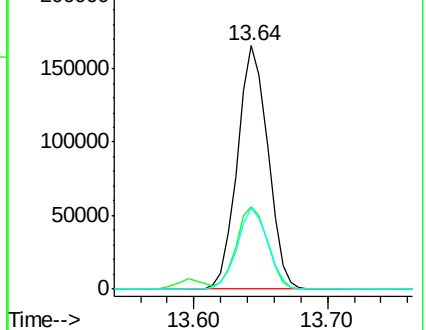
164 33.3 26.0 39.0

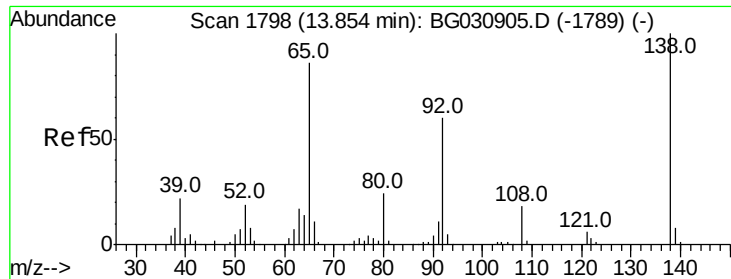


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 25.681 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

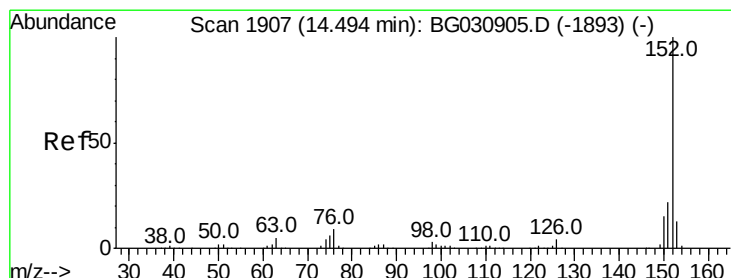
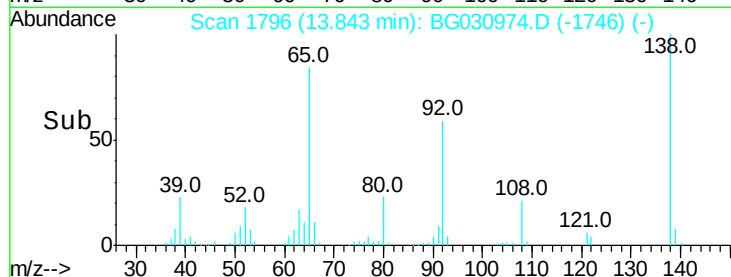
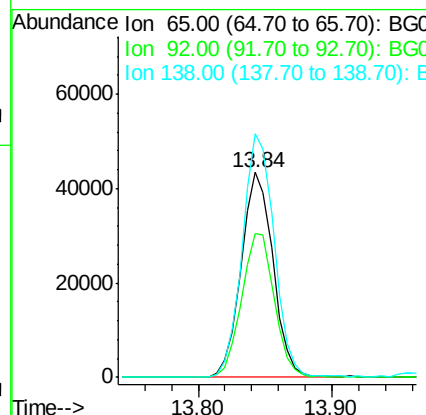
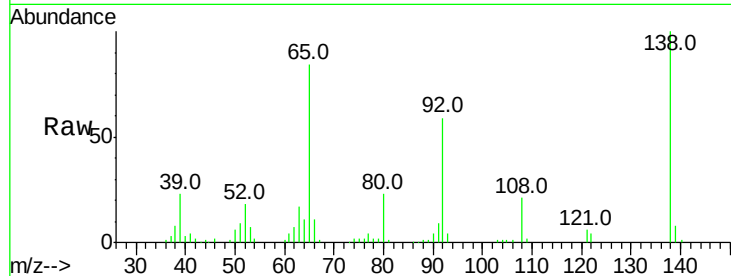
Tot Ion: 65 Resp: 71841

Ion Ratio Lower Upper

65 100

92 69.9 54.6 82.0

138 118.8 72.9 109.3#



#48

Acenaphthylene

Concen: 25.995 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

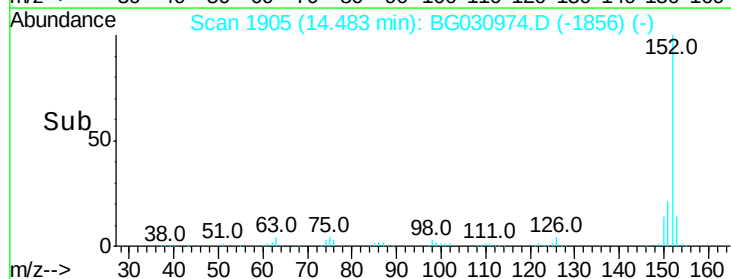
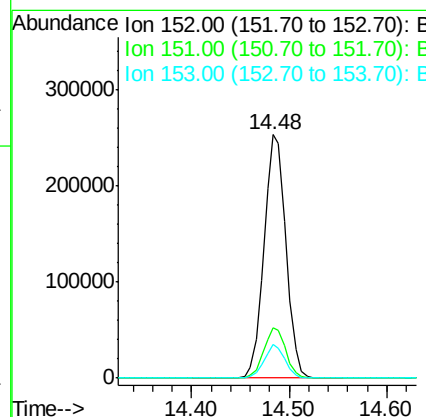
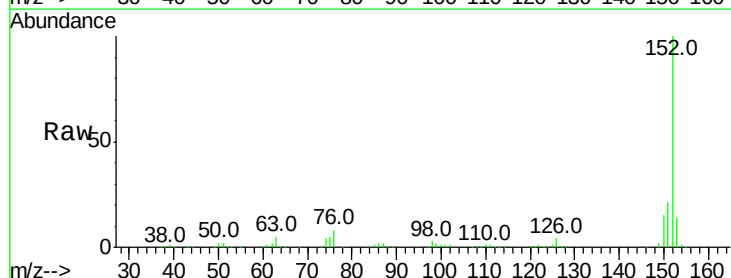
Tgt Ion:152 Resp: 401546

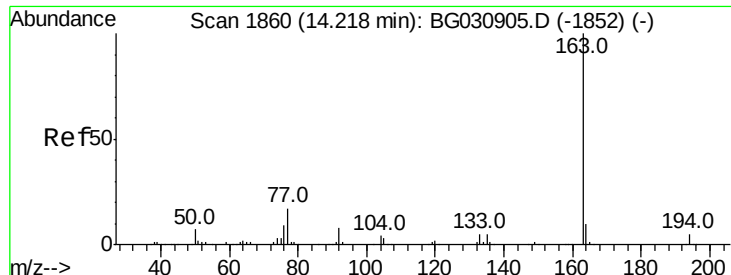
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 26.344 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

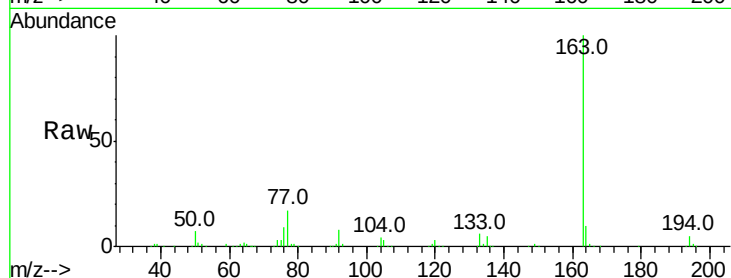
Tot Ion:163 Resp: 359317

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

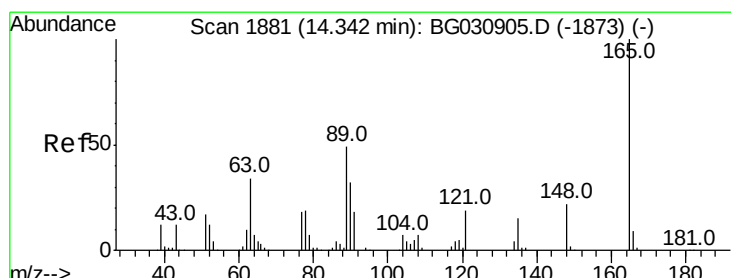
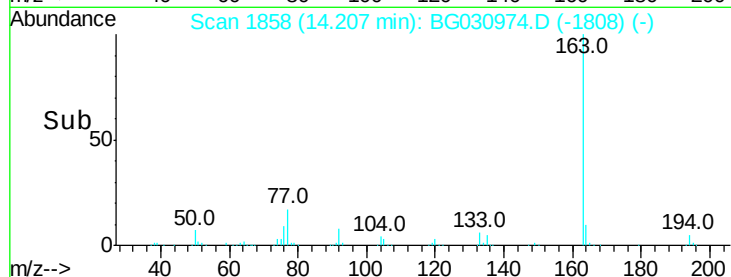
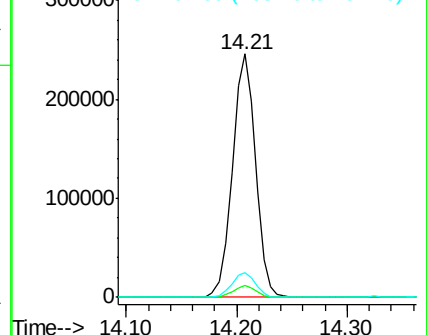
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 27.989 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

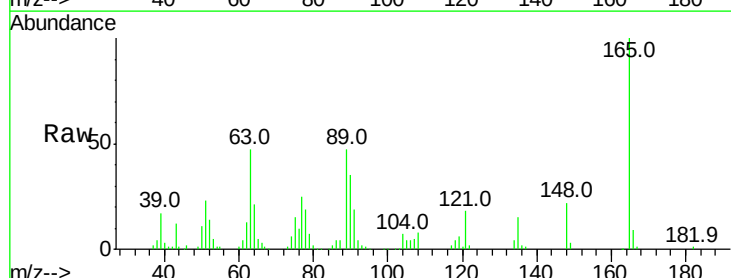
Tgt Ion:165 Resp: 78686

Ion Ratio Lower Upper

165 100

63 47.2 52.7 79.1#

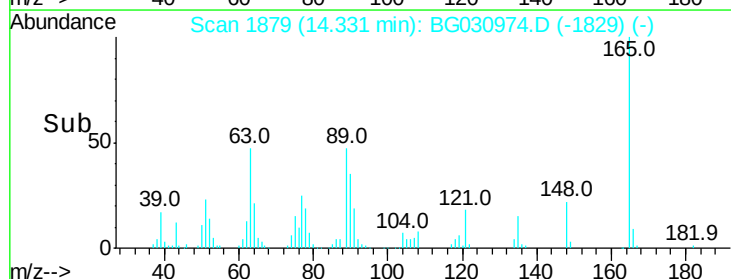
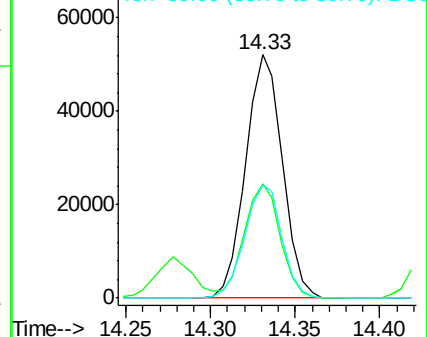
89 46.6 49.2 73.8#

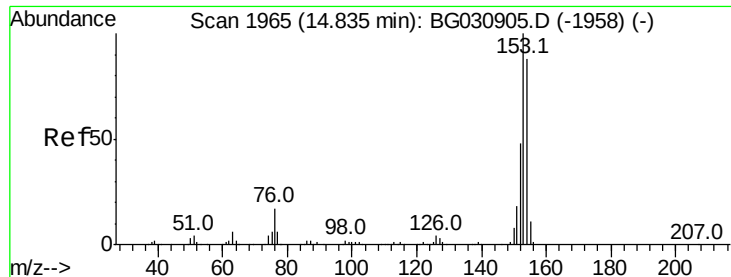


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 25.465 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

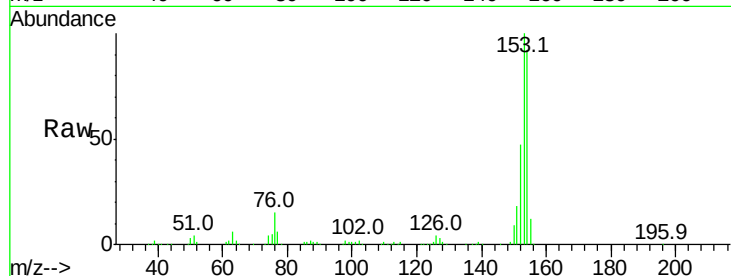
Tot Ion:154 Resp: 245669

Ion Ratio Lower Upper

154 100

153 109.0 90.4 135.6

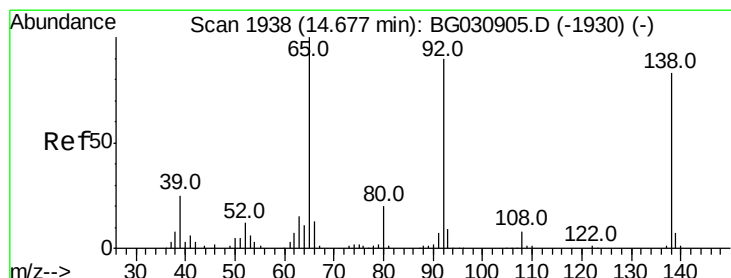
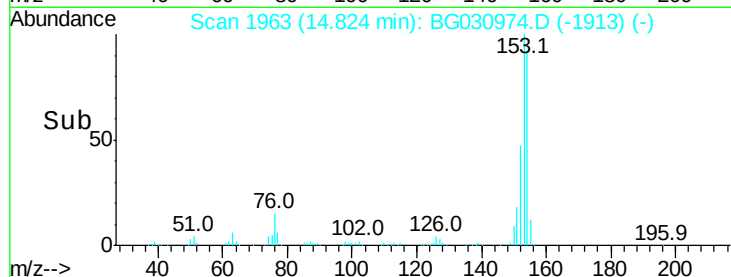
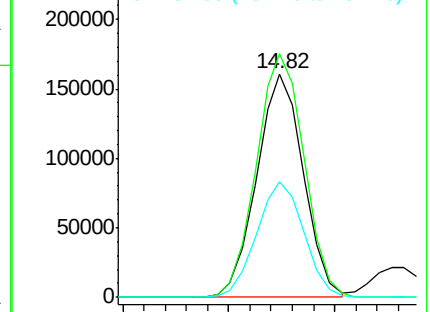
152 51.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.419 ng

RT: 14.67 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

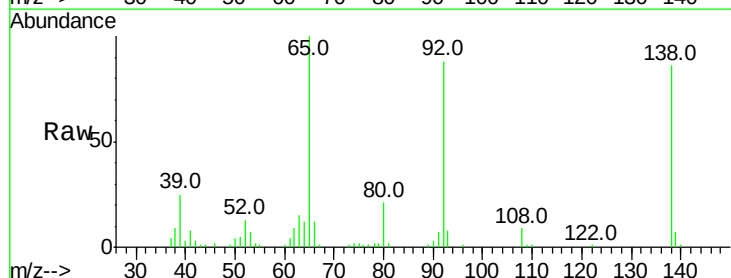
Tgt Ion:138 Resp: 40057

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

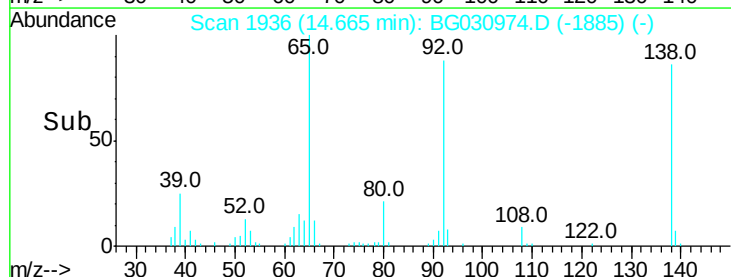
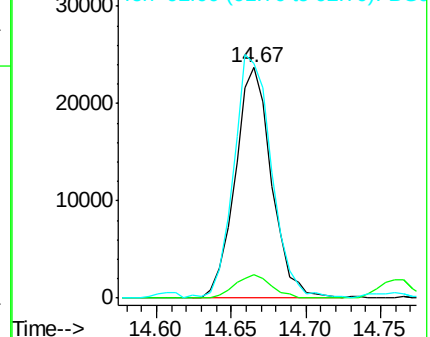
92 101.9 105.8 158.8#

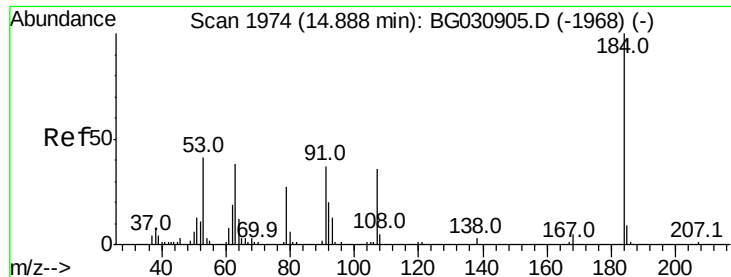


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

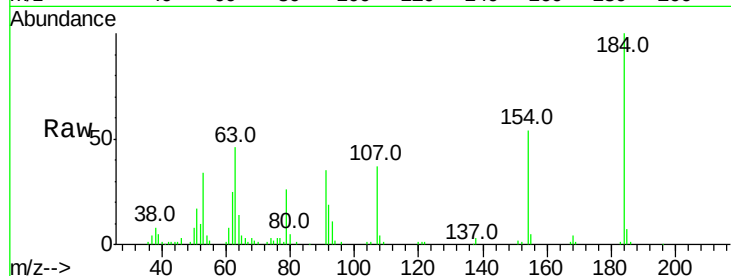




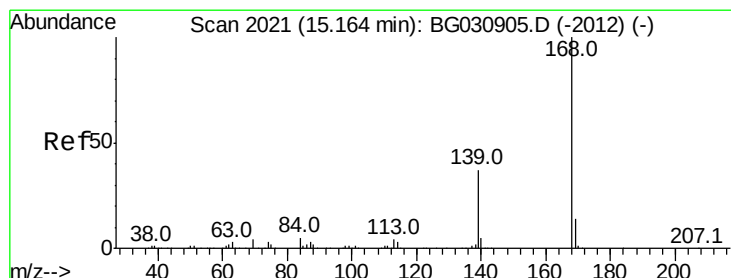
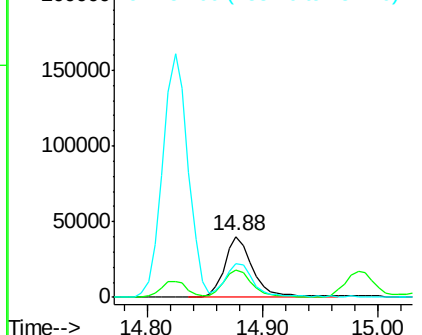
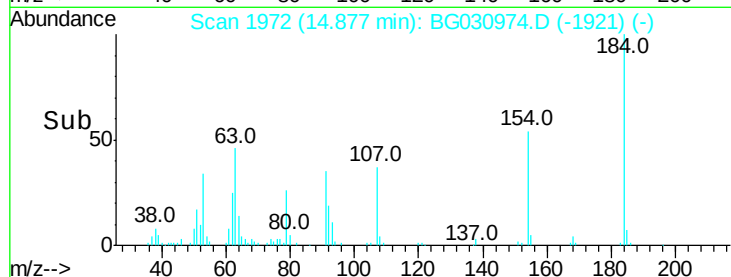
#53
 2,4-Dinitrophenol
 Concen: 47.340 ng
 RT: 14.88 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

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

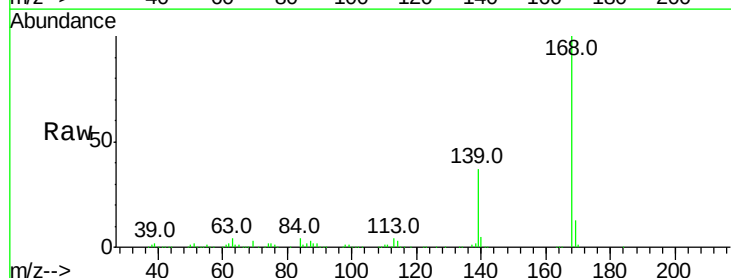


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

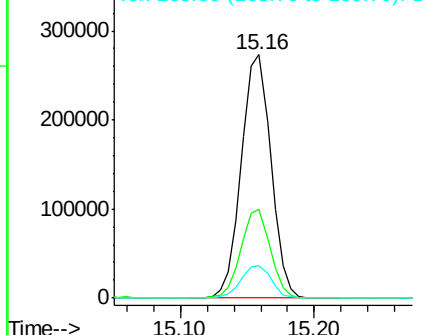
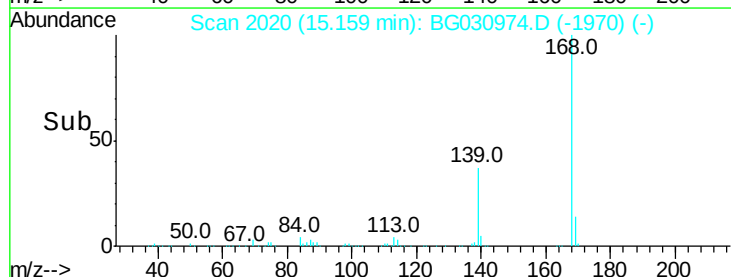


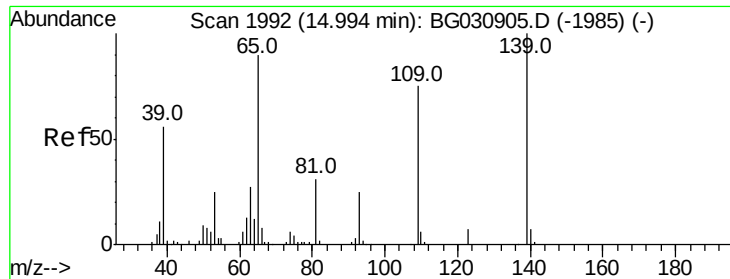
#54
 Dibenzofuran
 Concen: 27.300 ng
 RT: 15.16 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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



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





#55

4-Nitrophenol

Concen: 52.500 ng

RT: 14.98 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

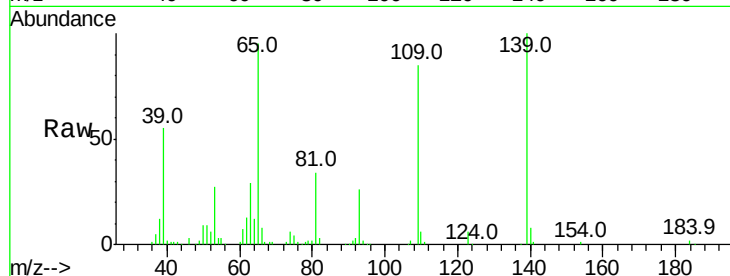
Tot Ion:139 Resp: 111636

Ion Ratio Lower Upper

139 100

109 84.7 62.2 102.2

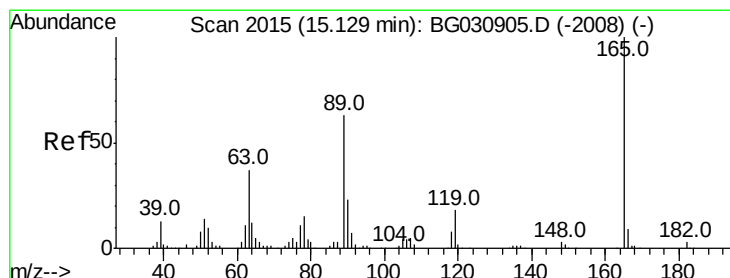
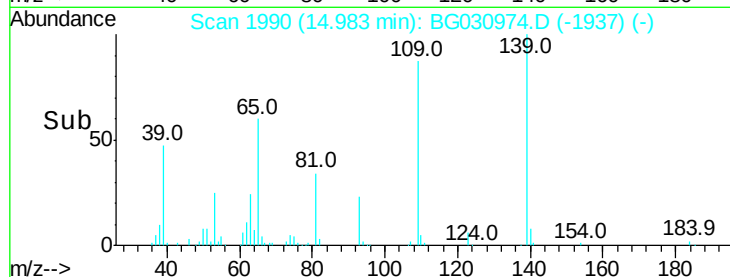
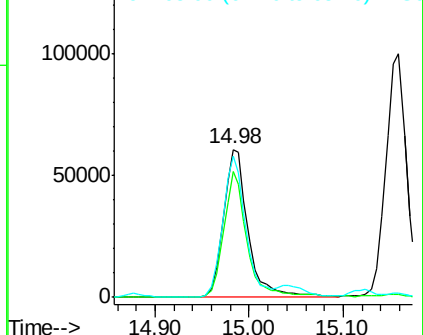
65 95.4 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 27.982 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Tgt Ion:165 Resp: 113724

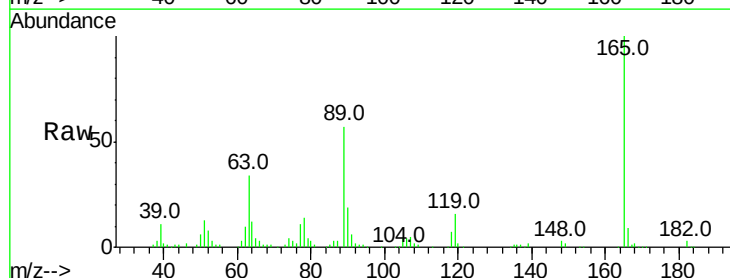
Ion Ratio Lower Upper

165 100

63 33.8 42.0 63.0#

89 57.2 66.9 100.3#

182 2.5 2.6 3.8#

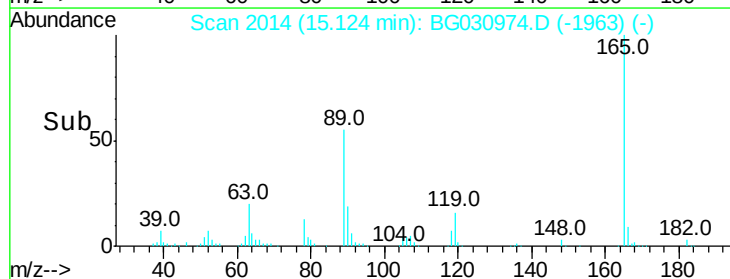
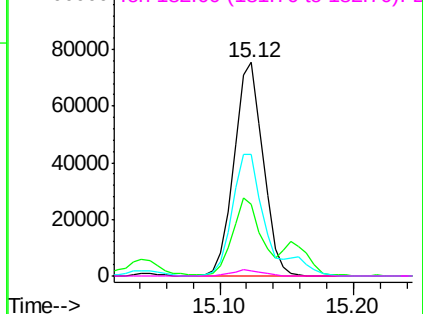


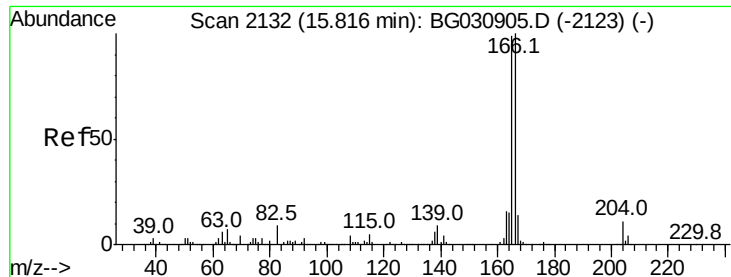
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

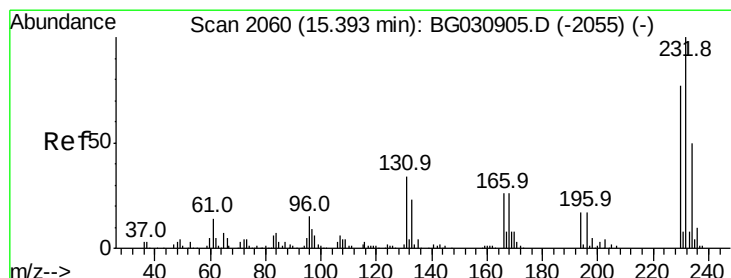
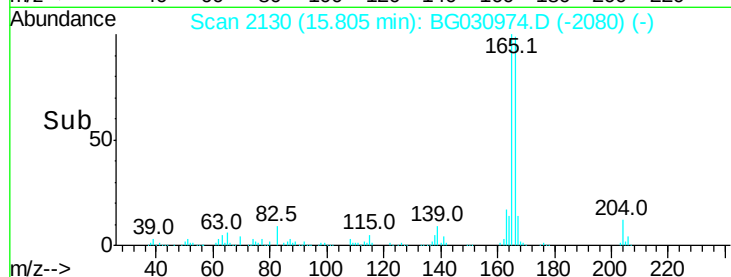
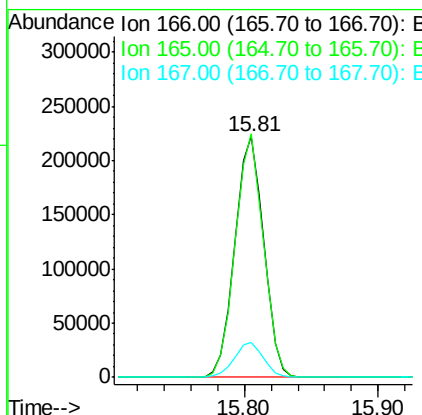
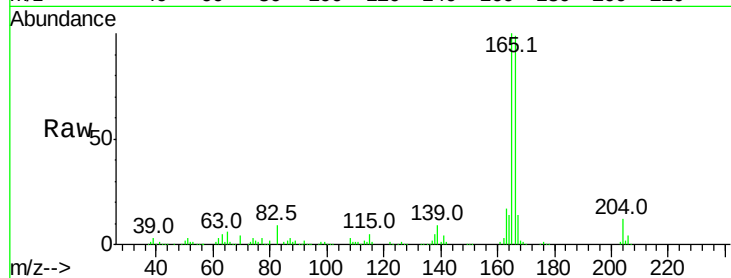




#57
 Fluorene
 Concen: 26.665 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

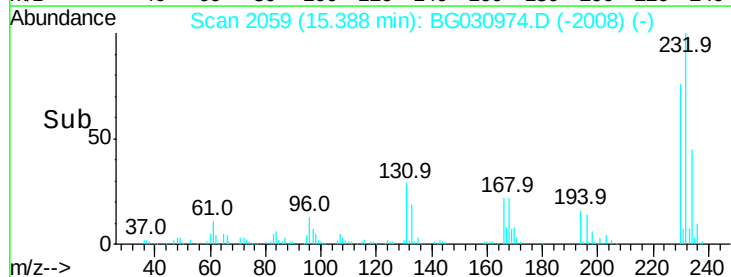
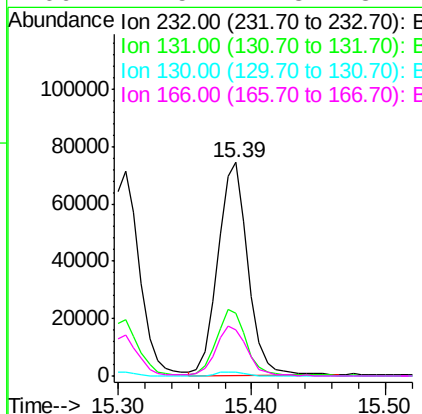
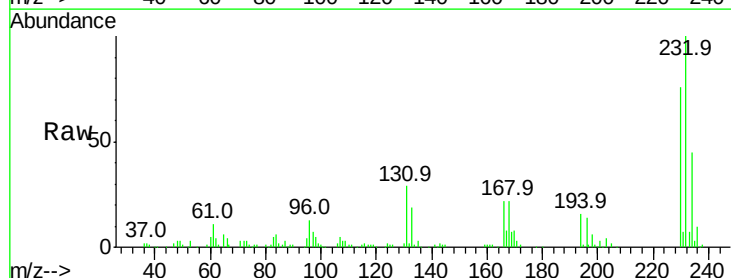
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

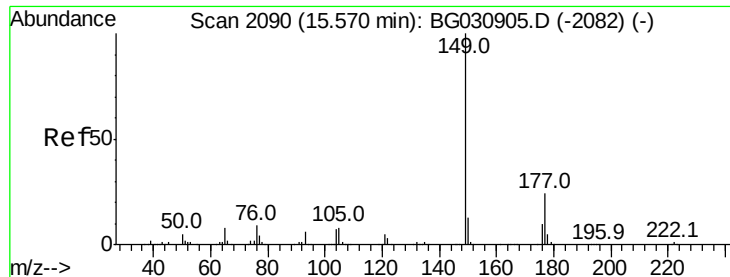
Tot Ion:166 Resp: 332666
 Ion Ratio Lower Upper
 166 100
 165 101.2 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.292 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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





#59

Diethylphthalate

Concen: 25.469 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

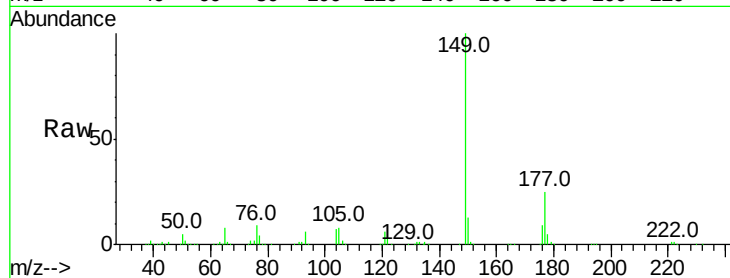
Tot Ion:149 Resp: 352866

Ion Ratio Lower Upper

149 100

177 24.8 18.5 27.7

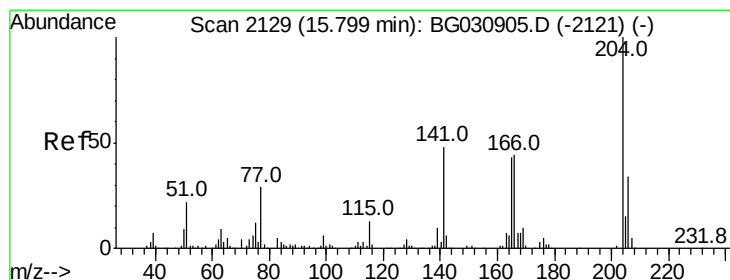
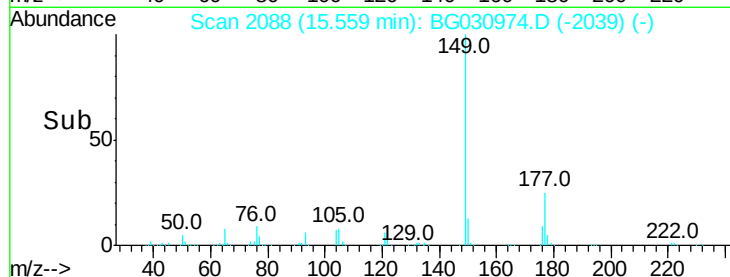
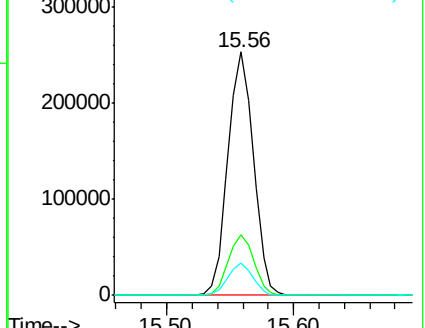
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 27.570 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

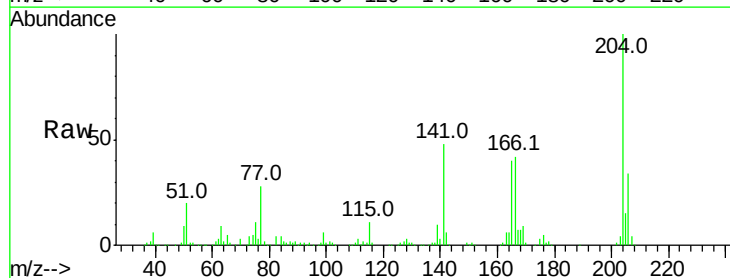
Tgt Ion:204 Resp: 207730

Ion Ratio Lower Upper

204 100

206 34.2 26.2 39.2

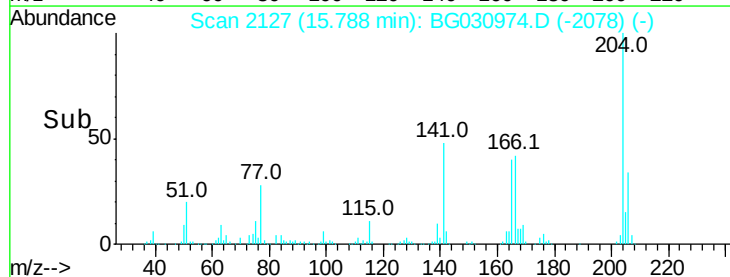
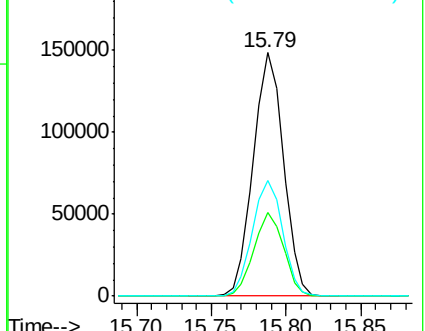
141 47.5 45.8 68.6

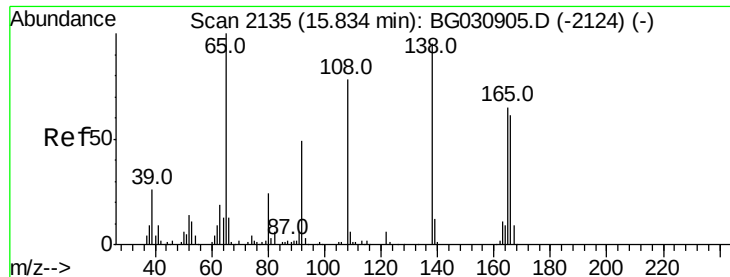


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

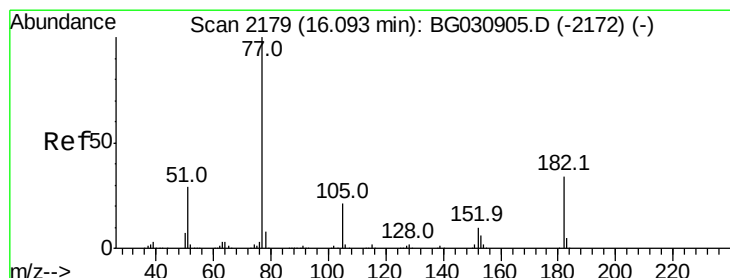
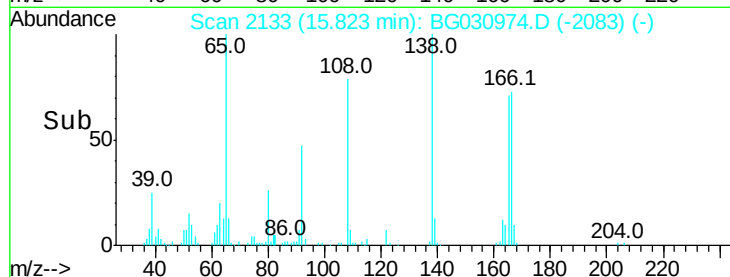
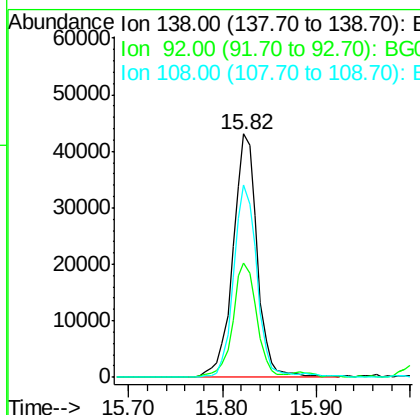
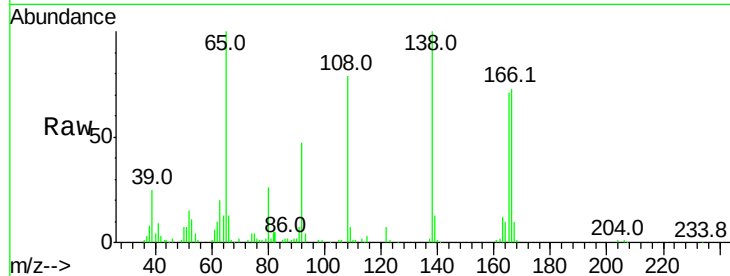




#61
4-Nitroaniline
Concen: 24.558 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

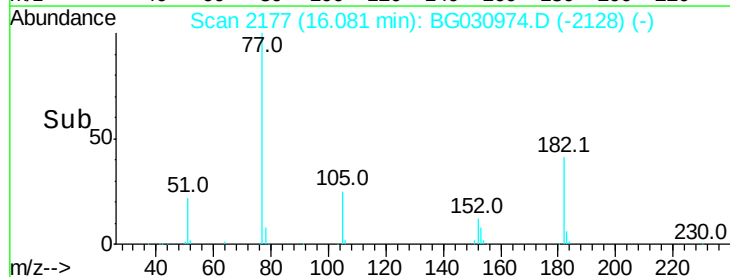
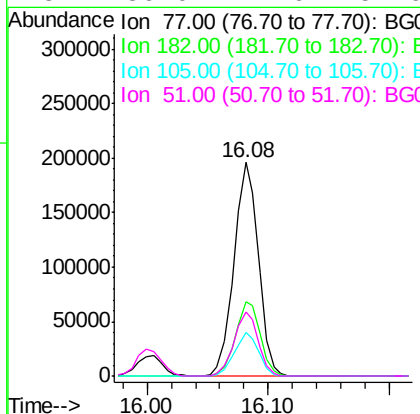
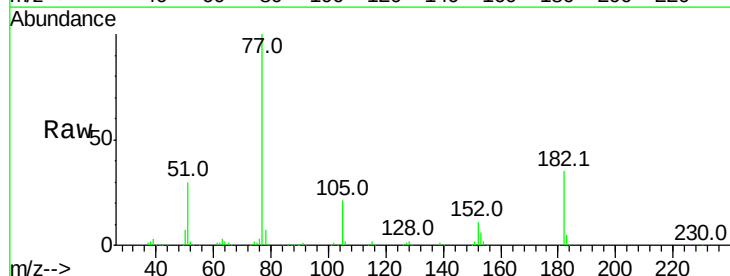
Instrument :
BNA_G
ClientSampleId :
PB104186BS

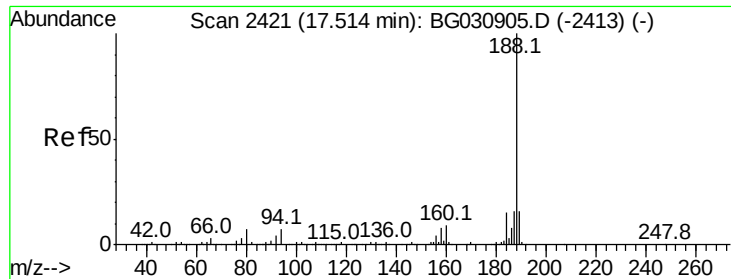
Tot Ion:138 Resp: 77625
Ion Ratio Lower Upper
138 100
92 46.8 40.1 80.1
108 79.3 65.4 105.4



#62
Azobenzene
Concen: 26.107 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion: 77 Resp: 275849
Ion Ratio Lower Upper
77 100
182 34.5 7.4 47.4
105 20.5 0.3 40.3
51 30.0 11.6 51.6

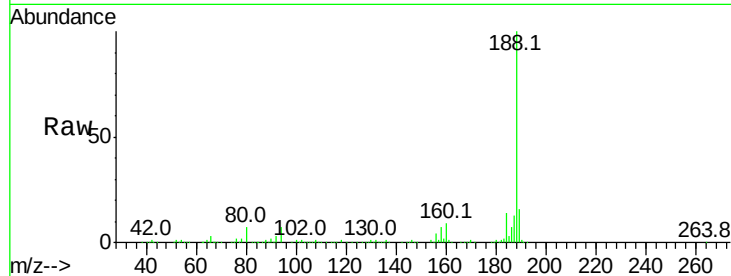




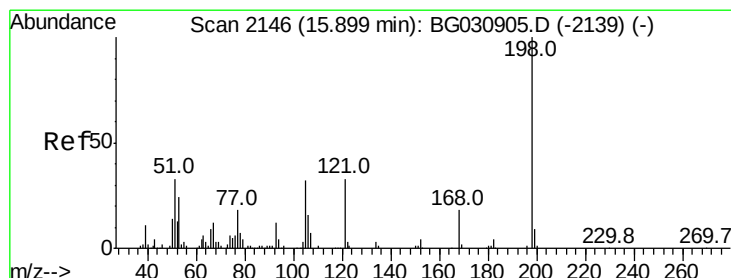
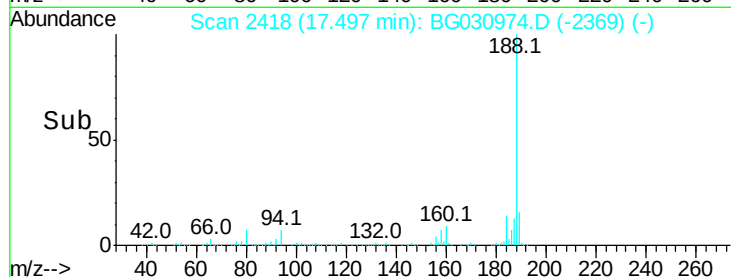
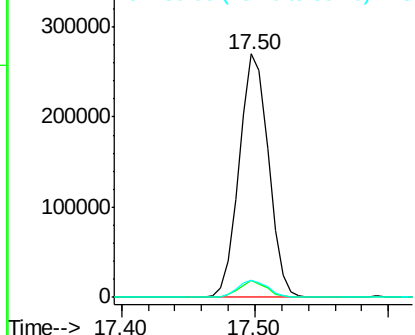
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

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

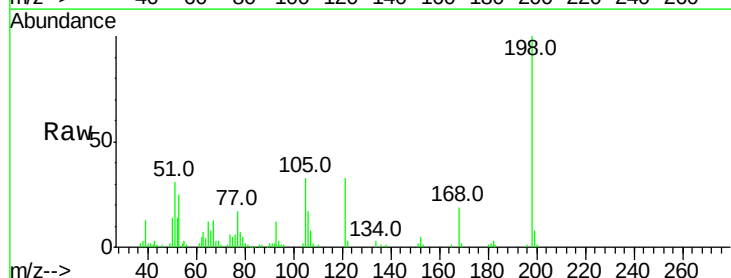


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

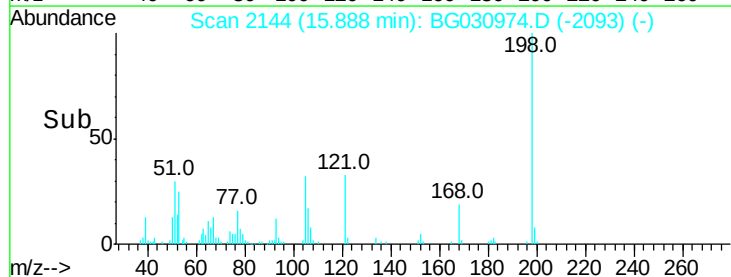
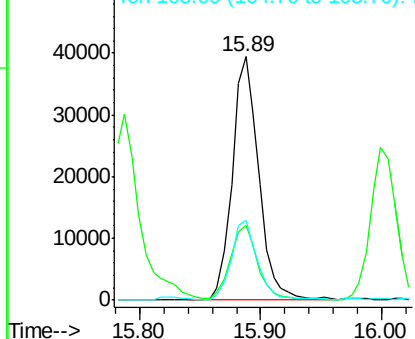


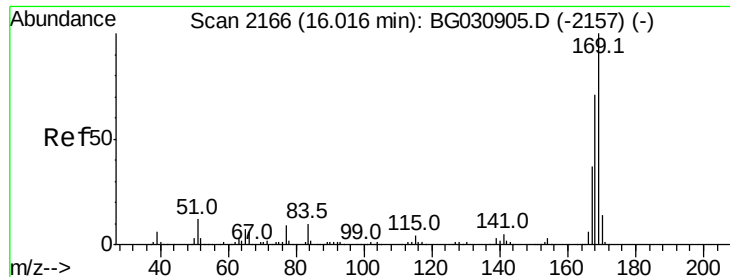
#64
4,6-Dinitro-2-methylphenol
Concen: 22.190 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

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



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





#65

n-Nitrosodiphenylamine

Concen: 25.025 ng

RT: 16.01 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

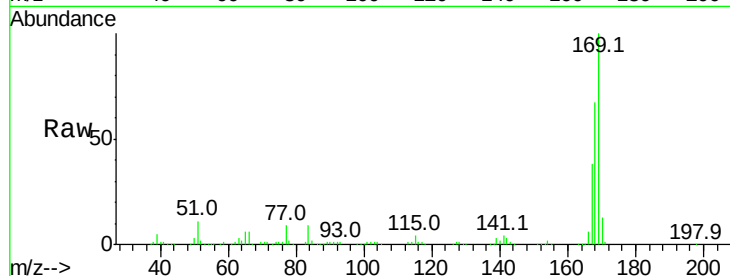
Tot Ion:169 Resp: 310294

Ion Ratio Lower Upper

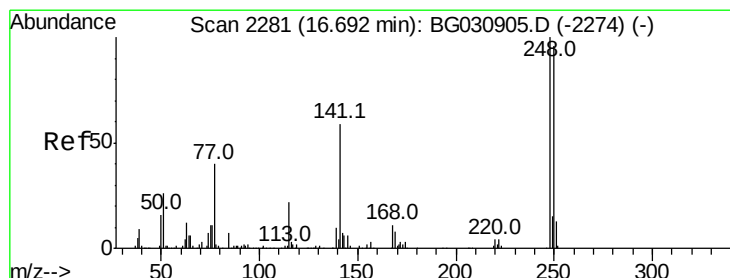
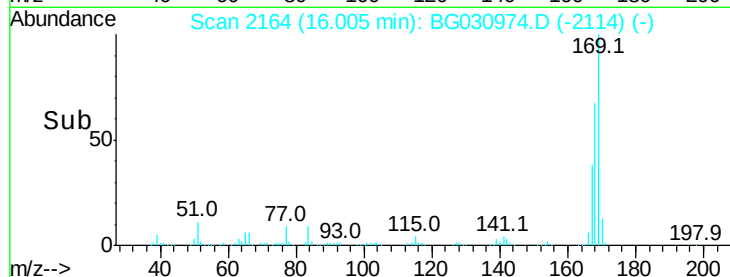
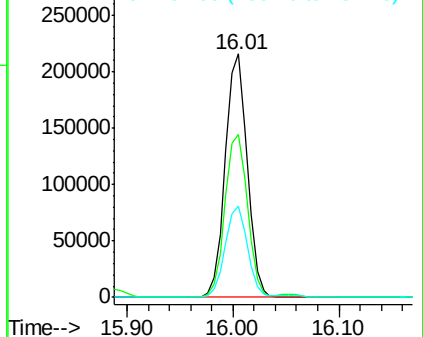
169 100

168 67.1 55.7 83.5

167 37.7 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 28.687 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

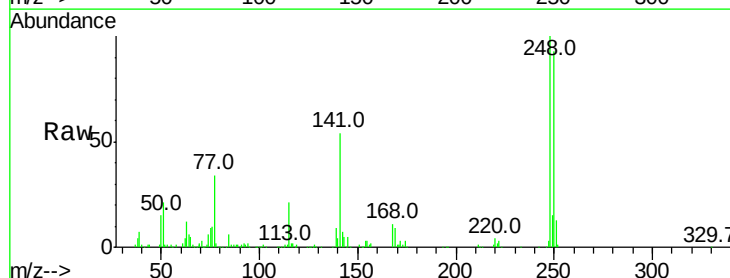
Tgt Ion:248 Resp: 148670

Ion Ratio Lower Upper

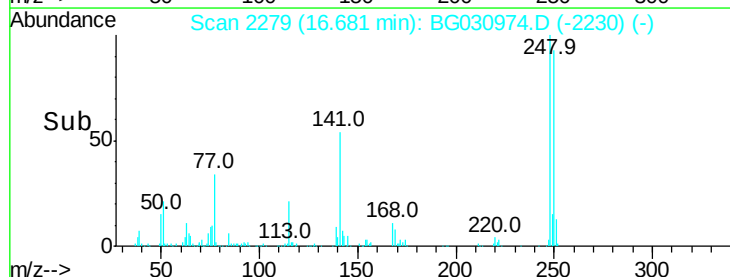
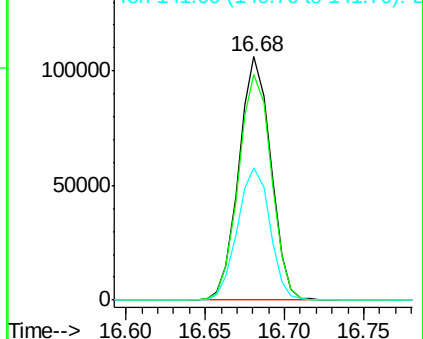
248 100

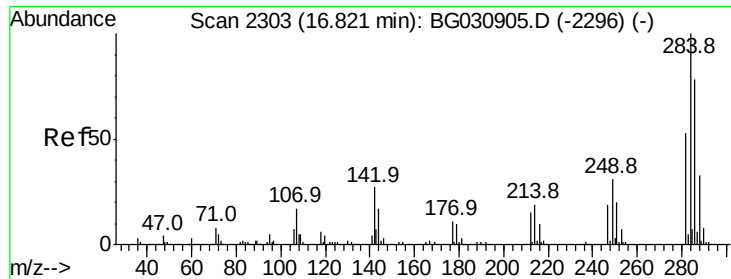
250 92.6 77.1 115.7

141 54.1 50.8 76.2



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

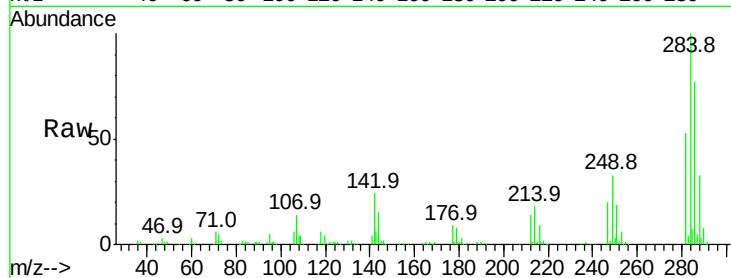




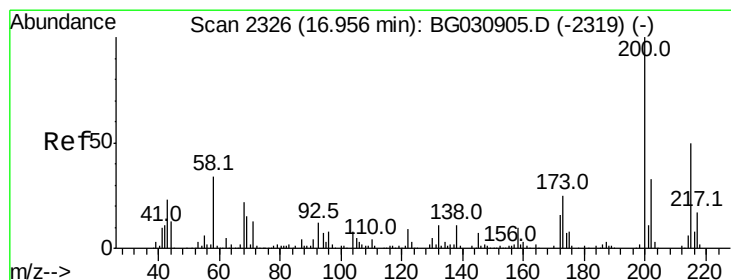
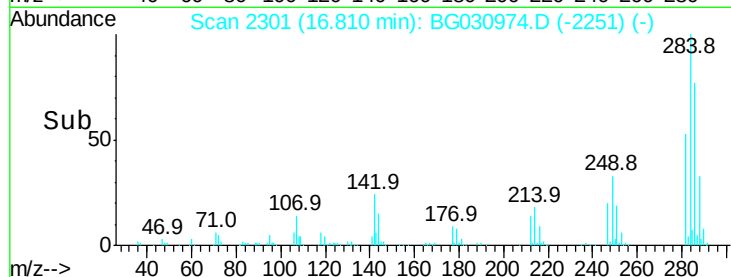
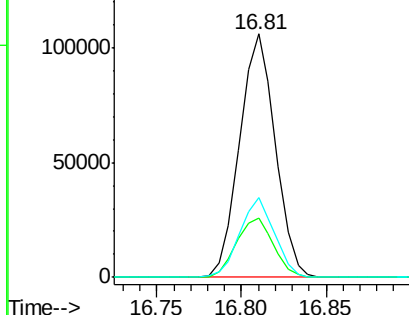
#67
Hexachlorobenzene
Concen: 28.277 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Tot Ion:284 Resp: 155709
Ion Ratio Lower Upper
284 100
142 24.4 26.8 40.2#
249 32.8 26.3 39.5

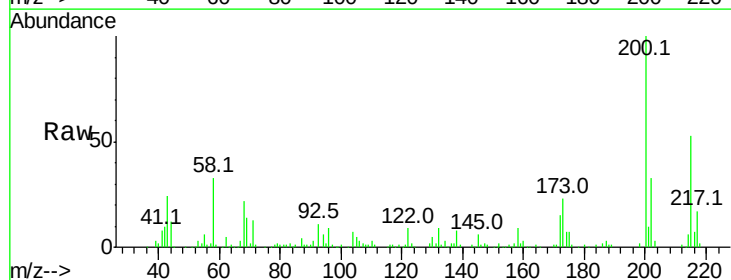


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

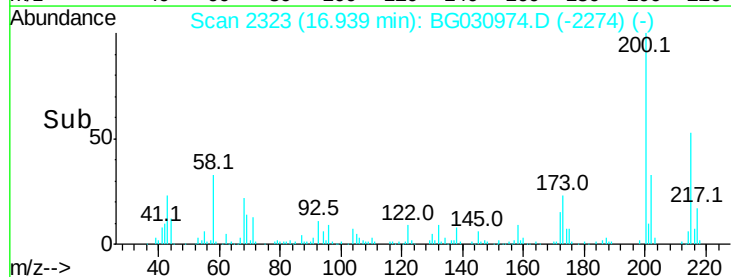
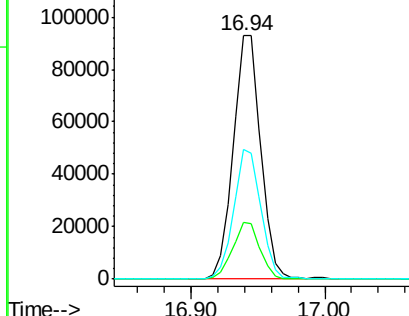


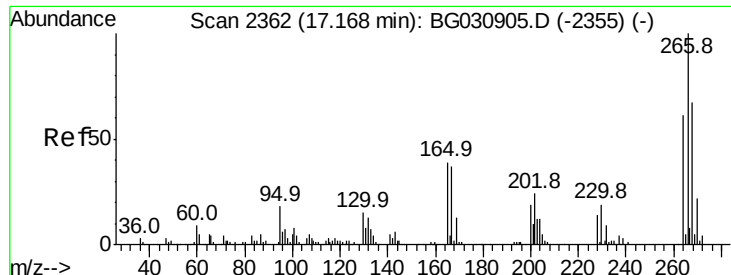
#68
Atrazine
Concen: 26.122 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion:200 Resp: 133634
Ion Ratio Lower Upper
200 100
173 23.3 5.2 45.2
215 53.0 30.4 70.4



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

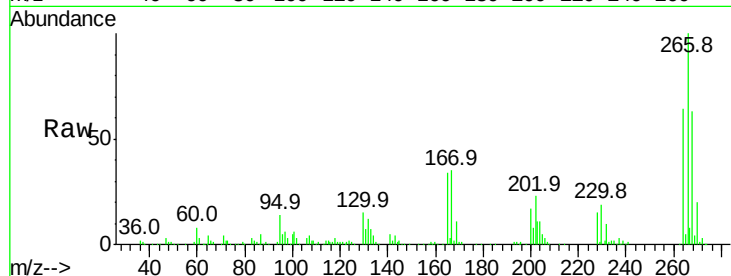




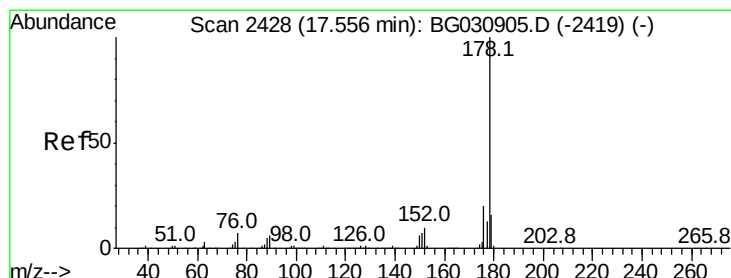
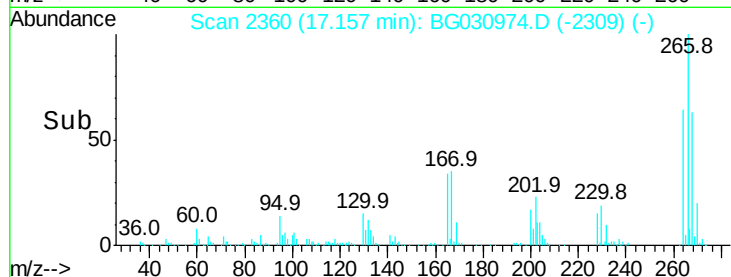
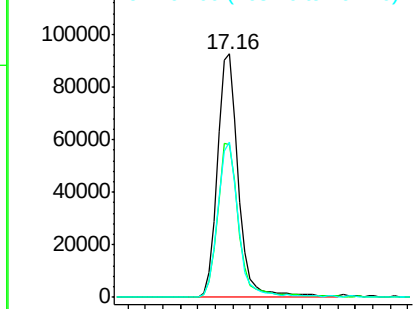
#69
 Pentachlorophenol
 Concen: 50.802 ng
 RT: 17.16 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

Tot Ion:266 Resp: 154638
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 63.6 49.6 74.4

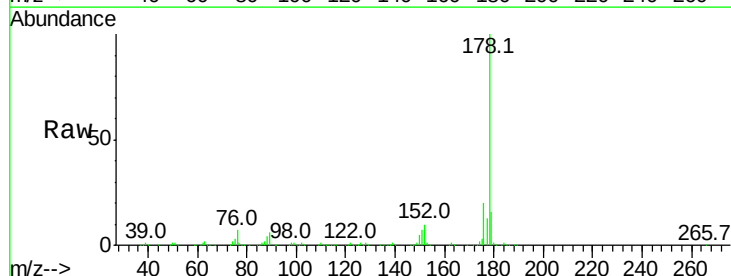


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

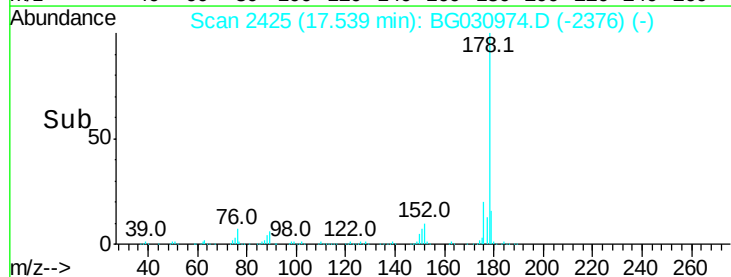
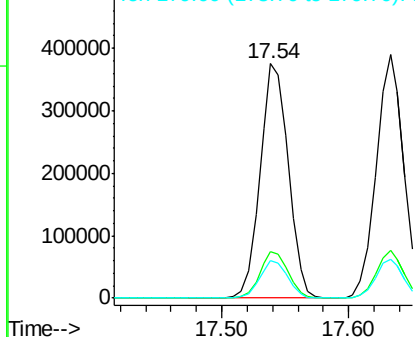


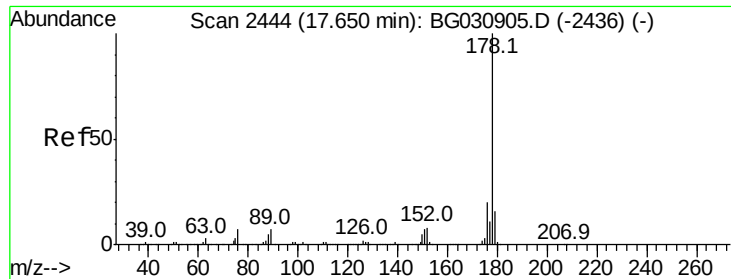
#70
 Phenanthrene
 Concen: 27.244 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

Tgt Ion:178 Resp: 580425
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

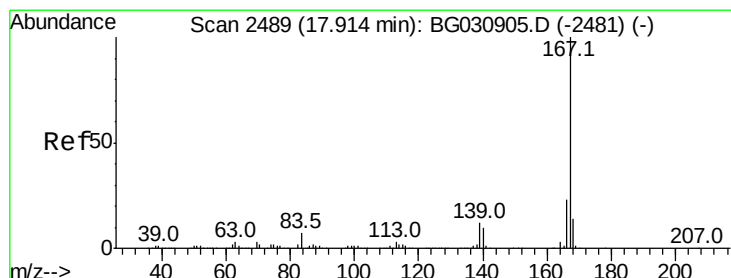
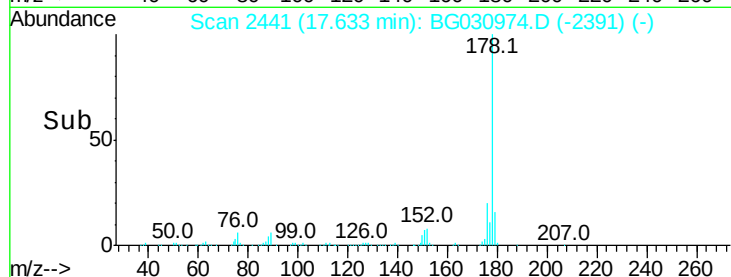
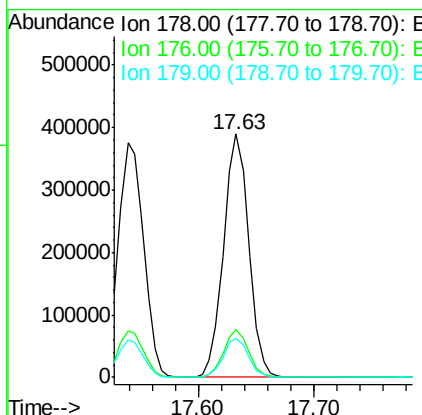
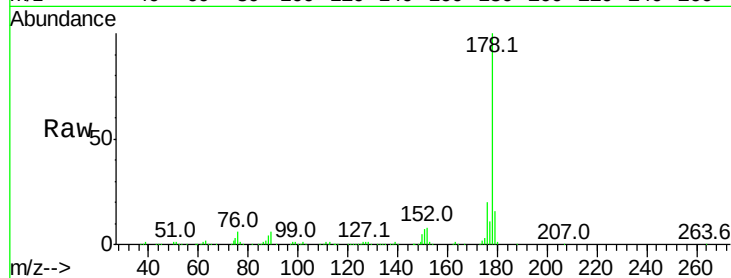




#71
 Anthracene
 Concen: 27.551 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

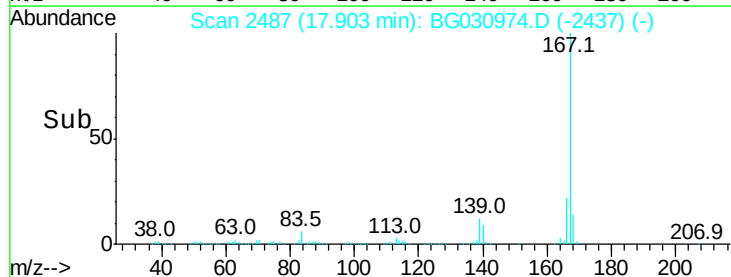
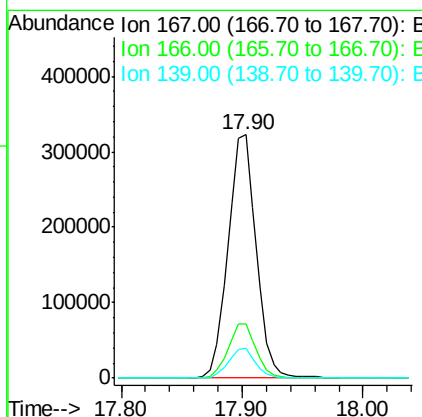
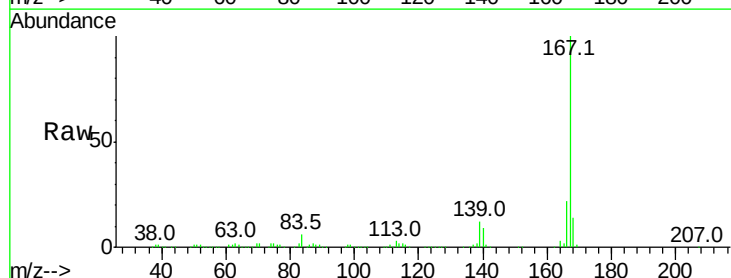
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

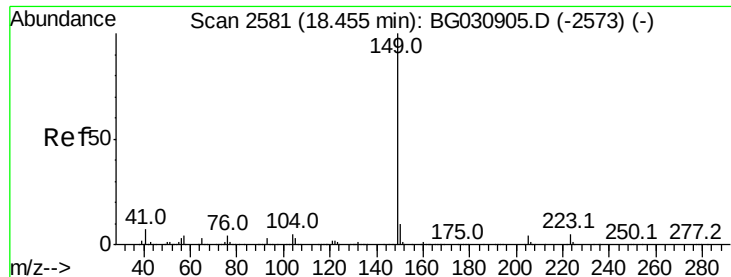
Tot Ion:178 Resp: 588144
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 26.180 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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





#73

Di-n-butylphthalate

Concen: 24.712 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

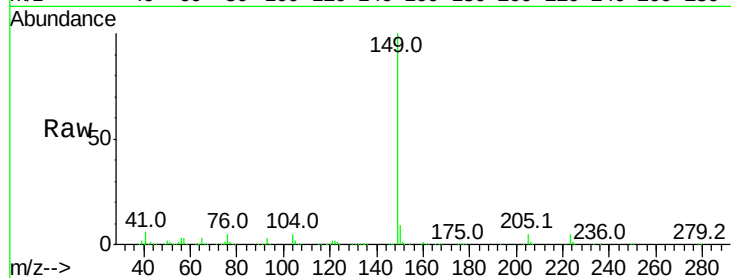
Tot Ion:149 Resp: 606906

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

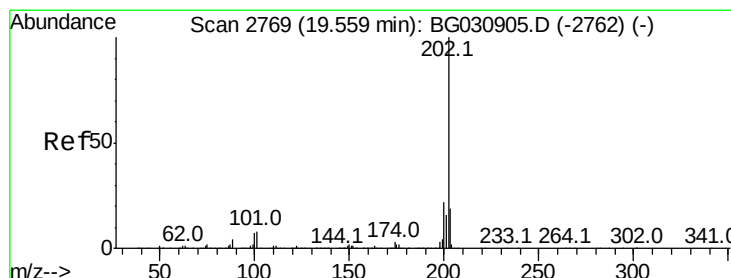
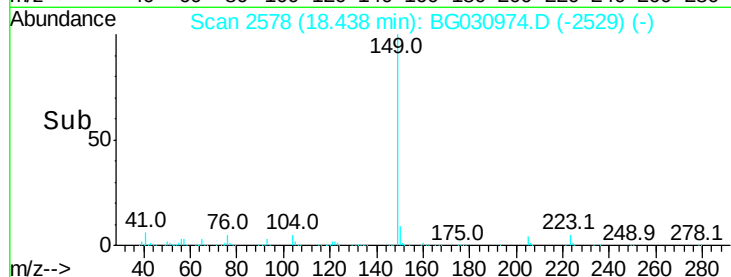
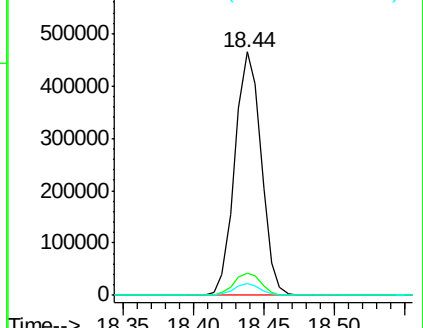
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.545 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

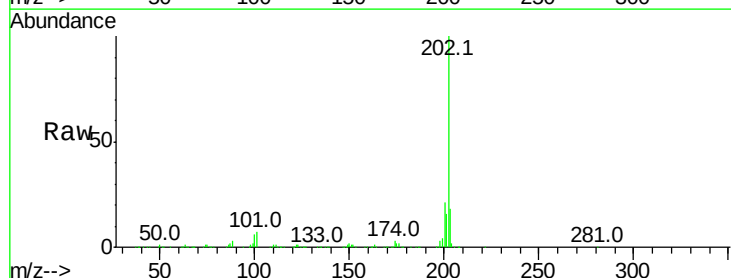
Tgt Ion:202 Resp: 769993

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.9

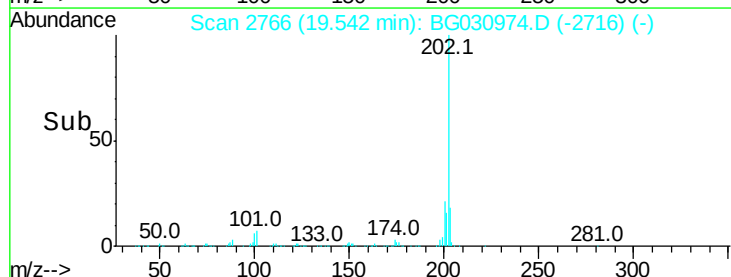
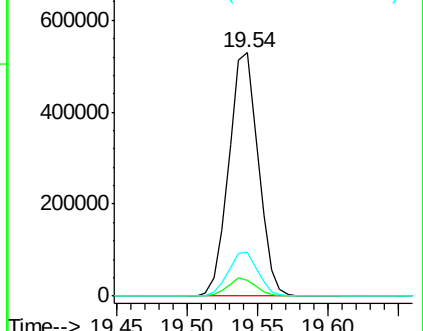
203 18.0 0.0 37.5

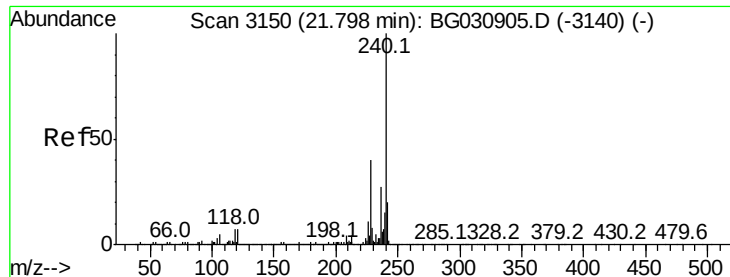


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

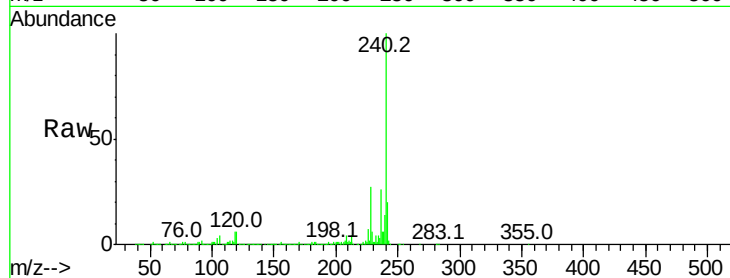
Tot Ion:240 Resp: 485648

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

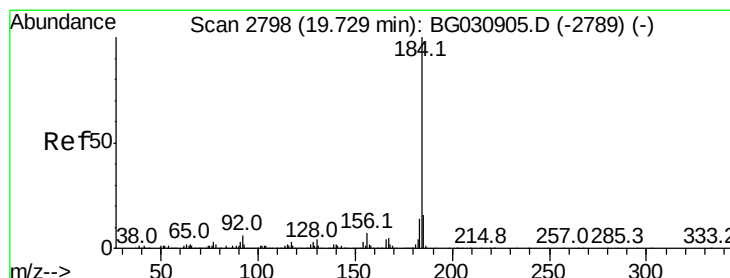
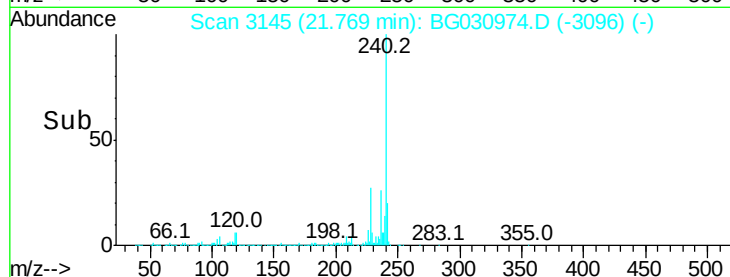
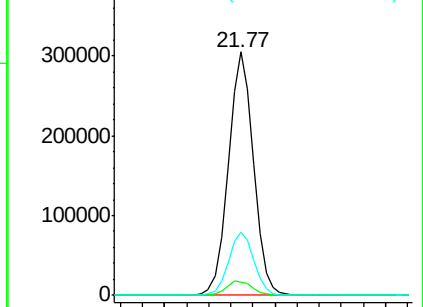
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.949 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

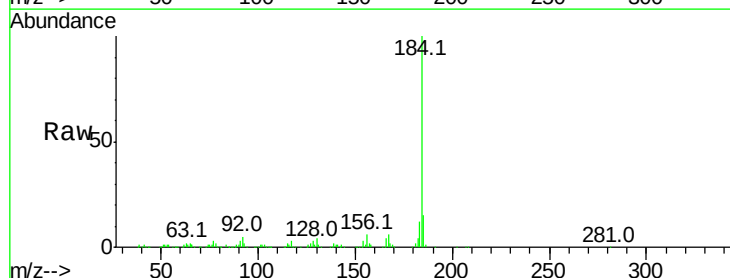
Tgt Ion:184 Resp: 248803

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

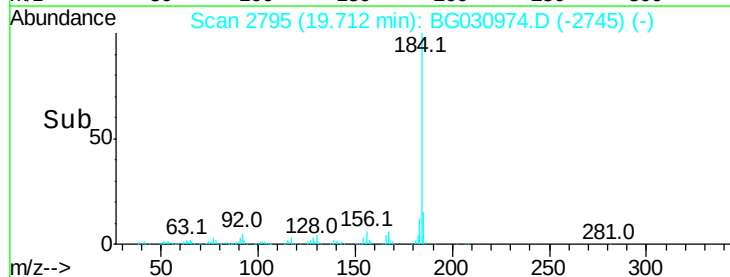
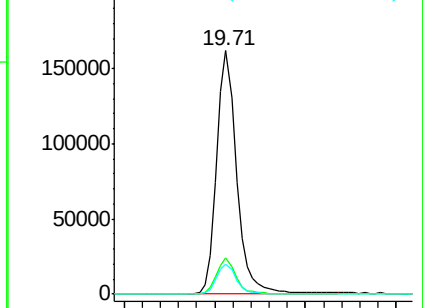
183 12.3 10.6 16.0

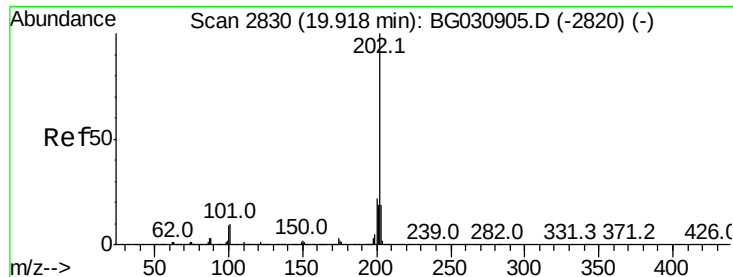


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.363 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

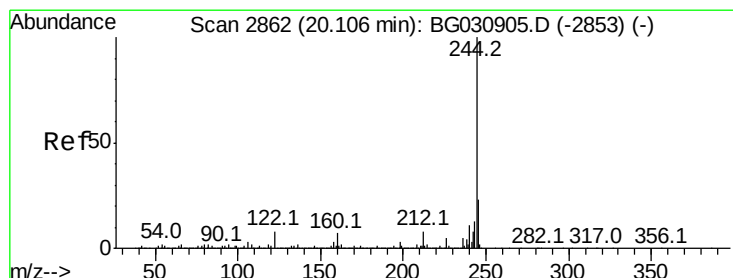
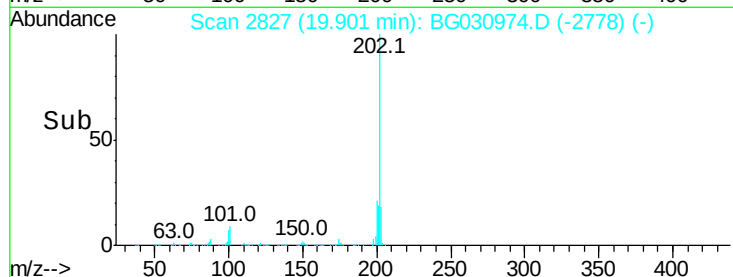
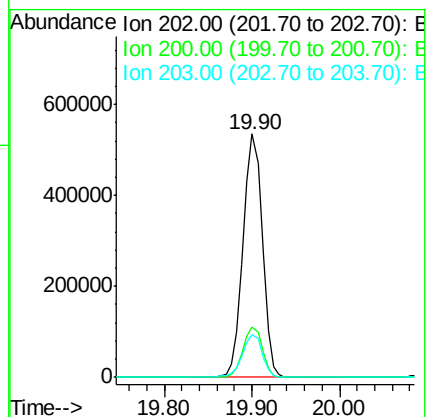
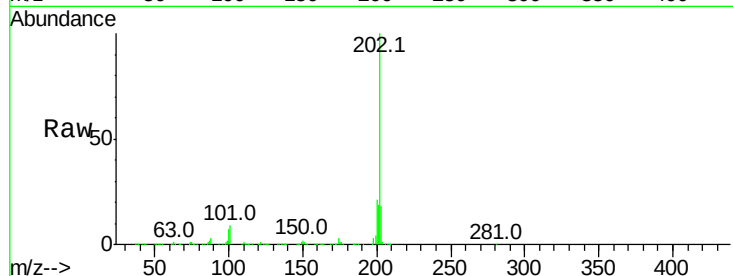
Tot Ion:202 Resp: 788538

Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.8 13.9 20.9



#78

Terphenyl-d14

Concen: 57.378 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

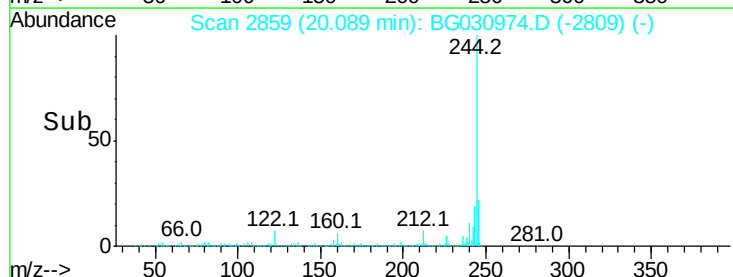
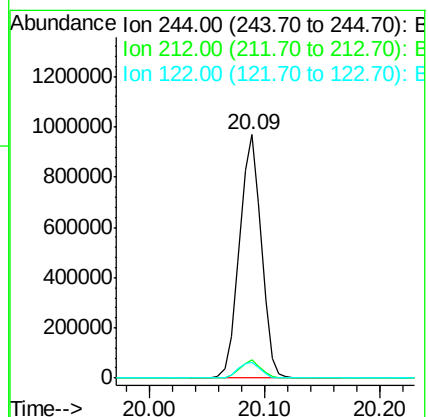
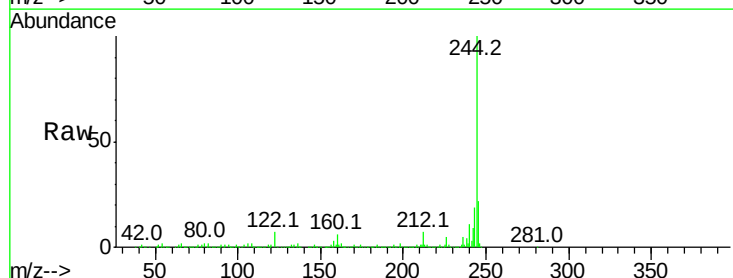
Tgt Ion:244 Resp: 1261973

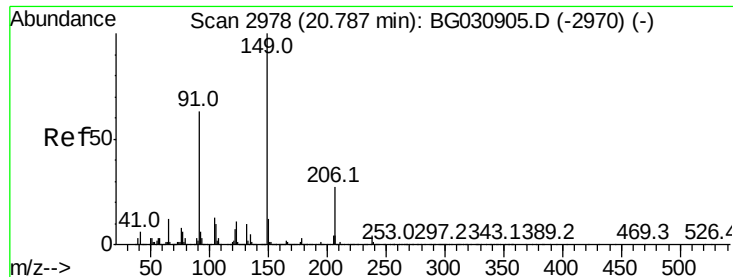
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 6.6 7.0 10.4#

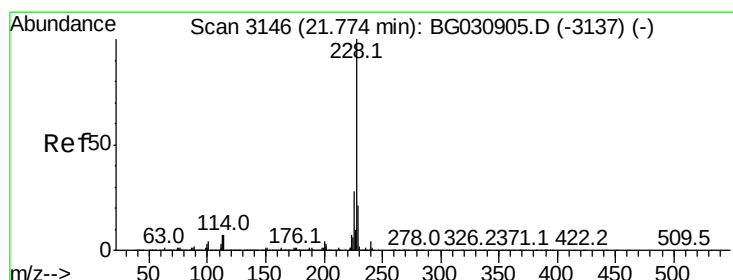
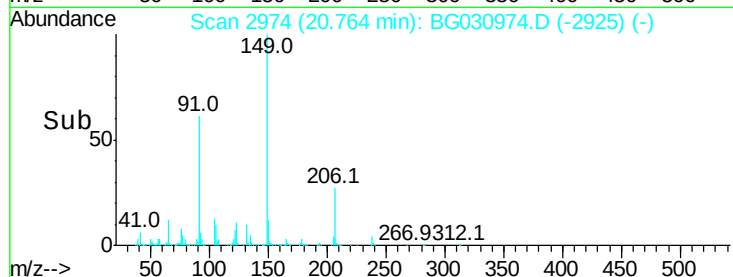
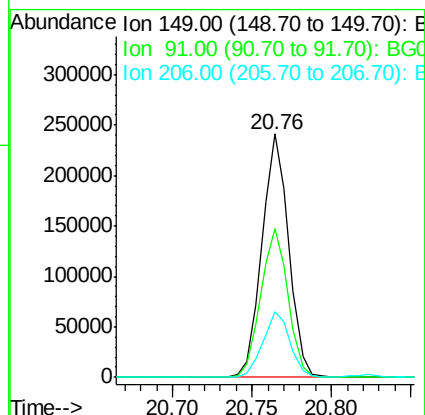
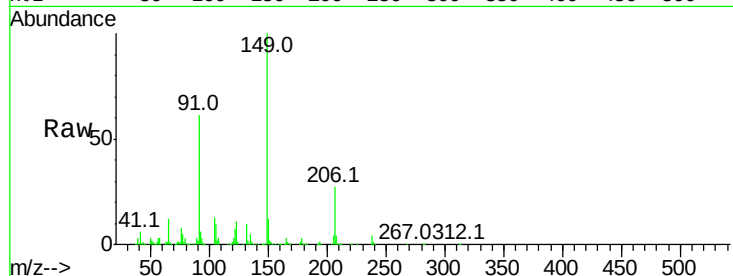




#79
Butylbenzylphthalate
Concen: 24.661 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

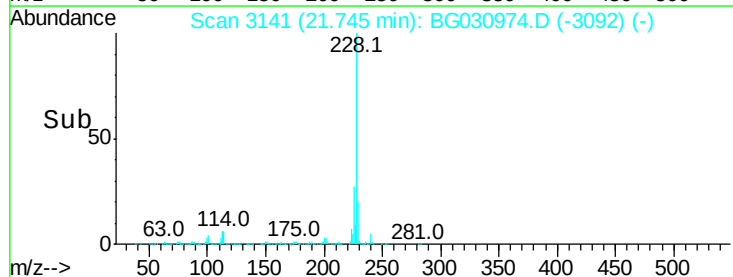
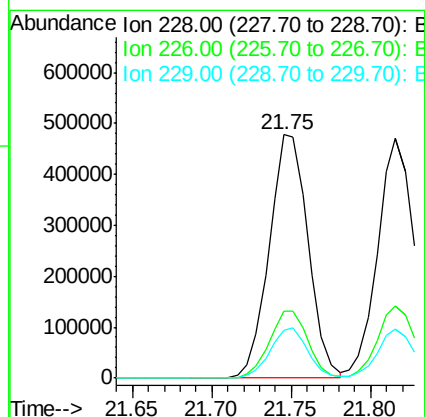
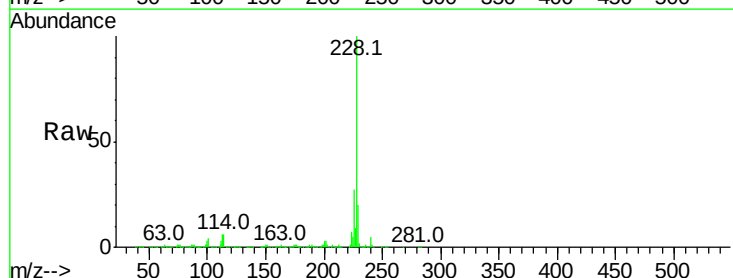
Instrument :
BNA_G
ClientSampleId :
PB104186BS

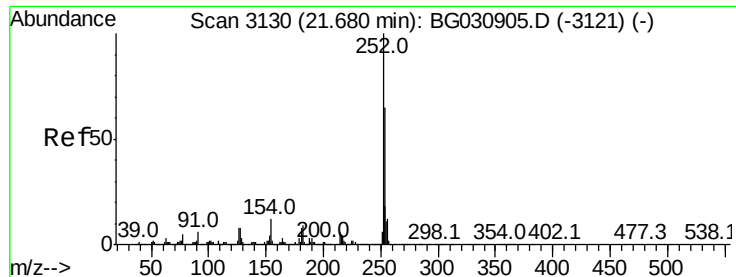
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.4	62.2	93.2#
206	26.8	18.6	27.8



#80
Benzo(a)anthracene
Concen: 27.033 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG030974.D
Acq: 13 Nov 2017 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.7	34.1
229	19.9	16.2	24.2

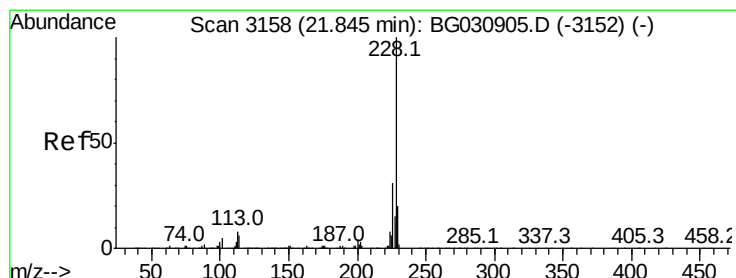
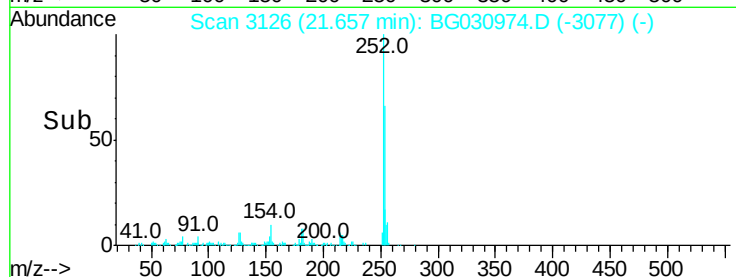
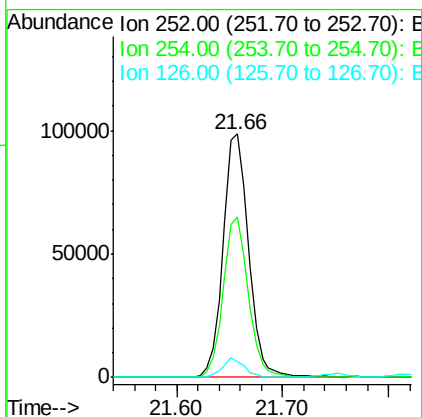
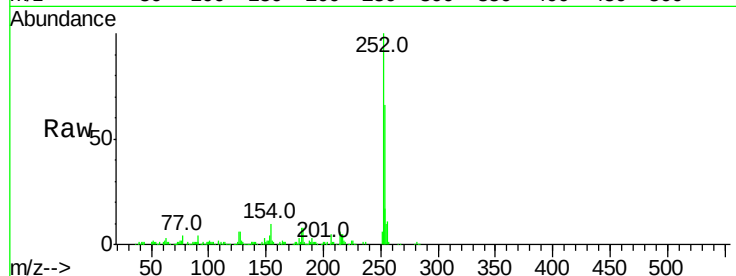




#81
 3,3'-Dichlorobenzidine
 Concen: 13.560 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

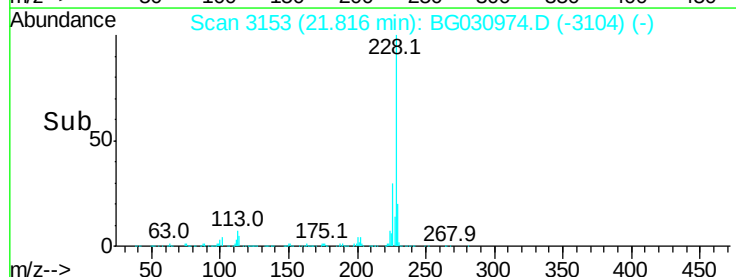
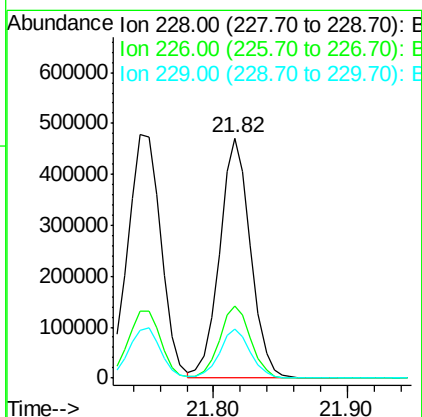
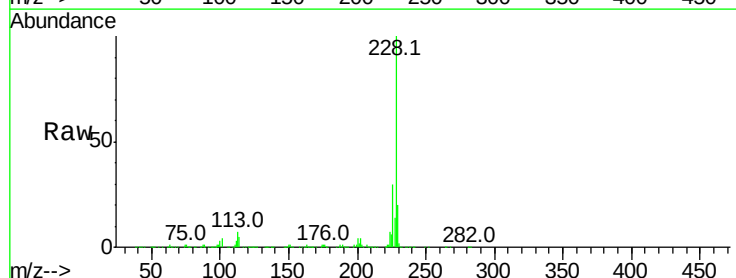
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

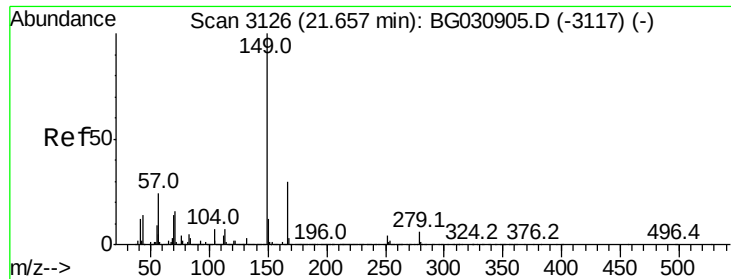
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.8	76.2
126	6.4	7.4	11.2#



#82
 Chrysene
 Concen: 27.286 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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

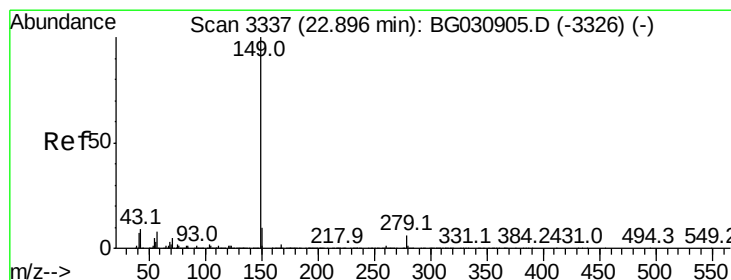
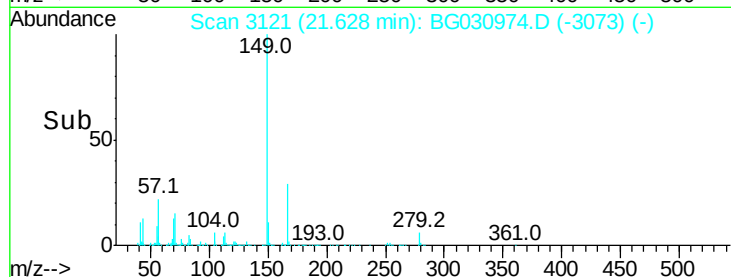
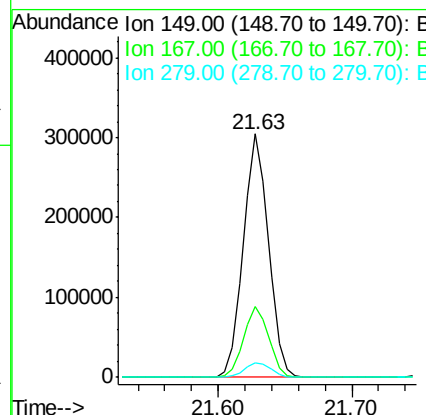
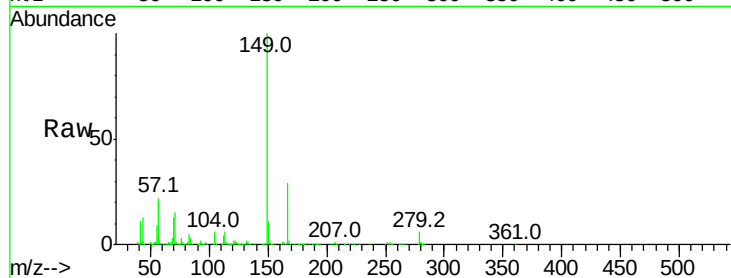




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.876 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

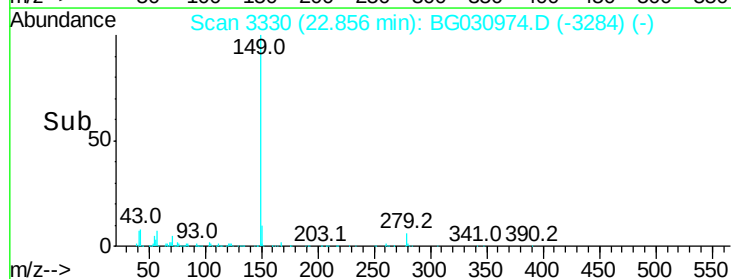
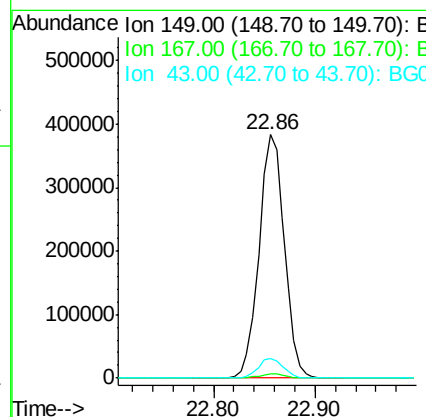
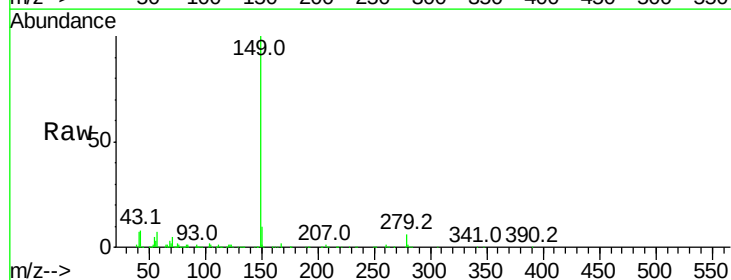
Instrument :
 BNA_G
 ClientSampleId :
 PB104186BS

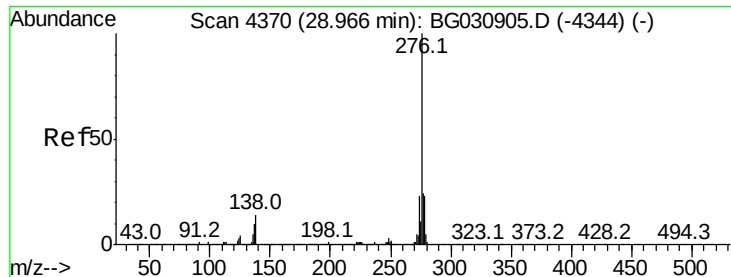
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.3	36.5
279	6.1	4.0	6.0#



#84
 Di-n-octyl phthalate
 Concen: 24.703 ng
 RT: 22.86 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: BG030974.D
 Acq: 13 Nov 2017 15:46

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.204 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.04 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

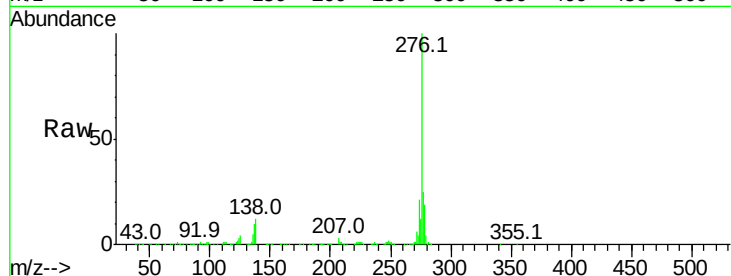
BNA_G

ClientSampleId :

PB104186BS

Tot Ion:276 Resp: 922876

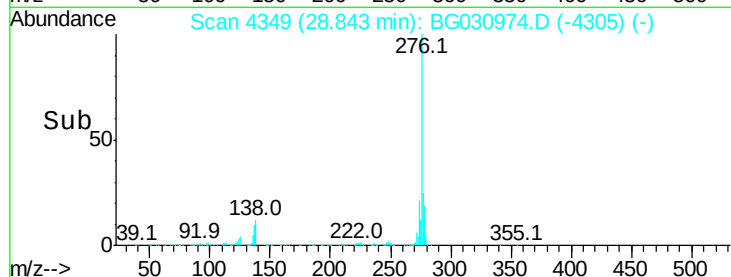
Ion	Ratio	Lower	Upper
276	100		
138	15.4	16.0	24.0#
277	26.1	20.0	30.0



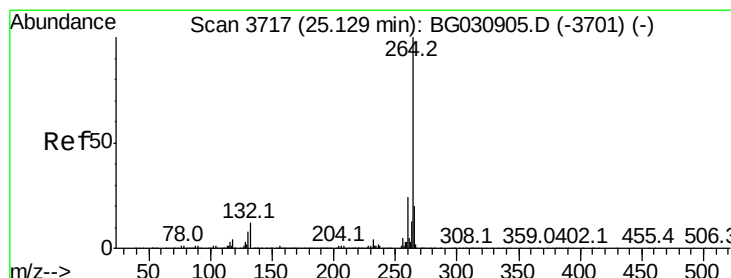
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3706

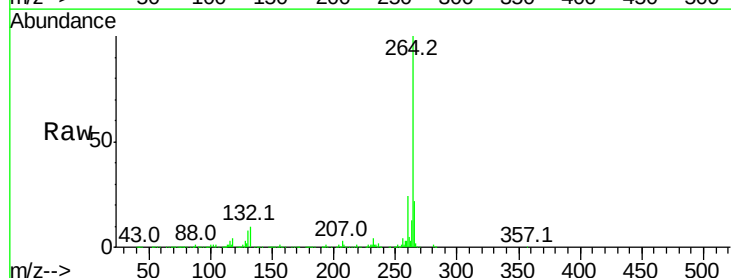
Delta R.T. -0.03 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Tgt Ion:264 Resp: 493777

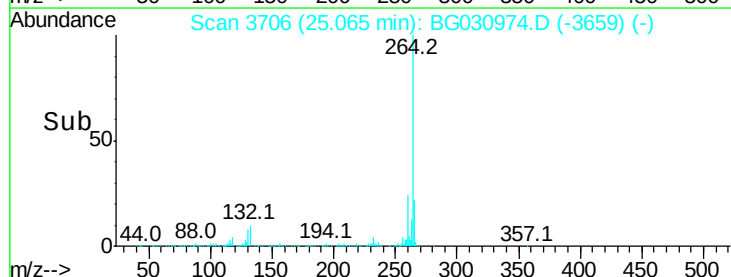
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.4	17.7	26.5



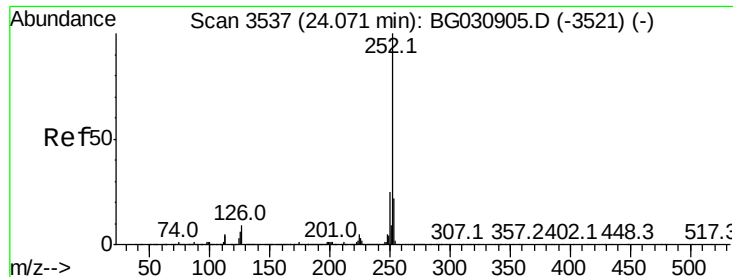
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#87

Benzo(b)fluoranthene

Concen: 27.054 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

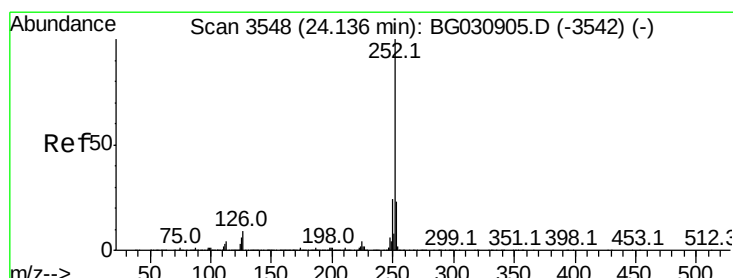
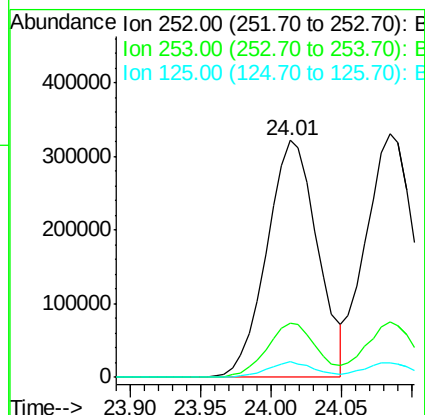
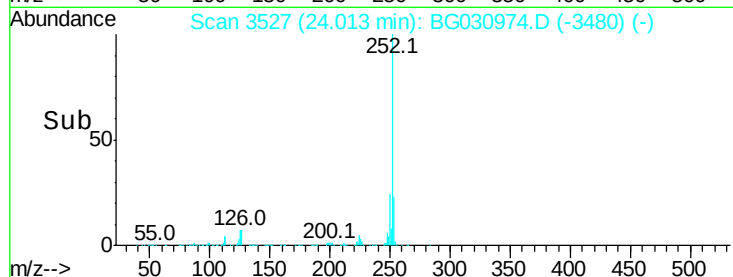
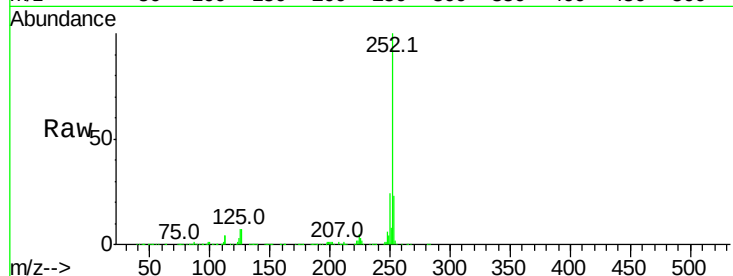
Tot Ion:252 Resp: 808064

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 6.5 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 26.838 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

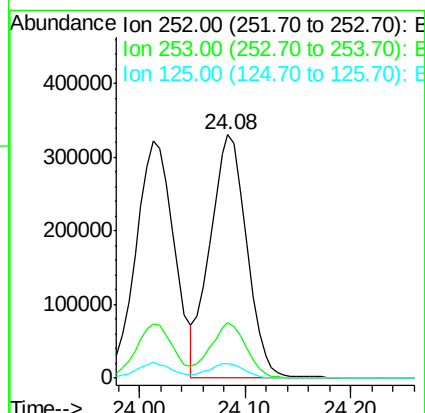
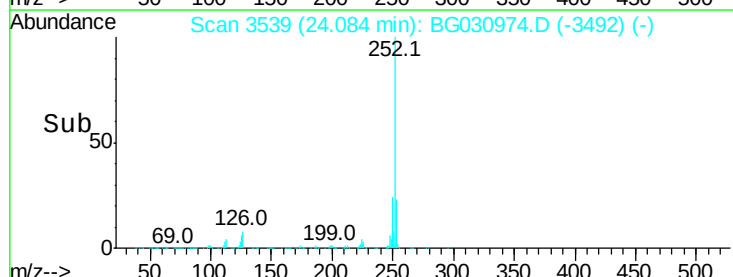
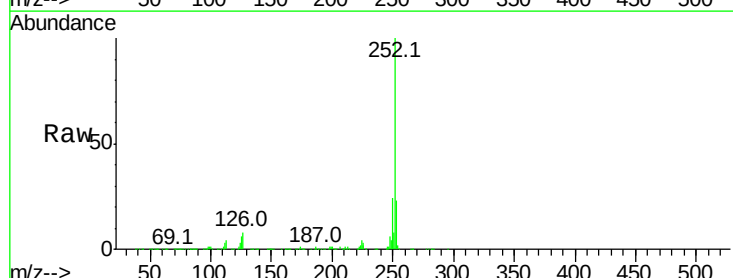
Tgt Ion:252 Resp: 794551

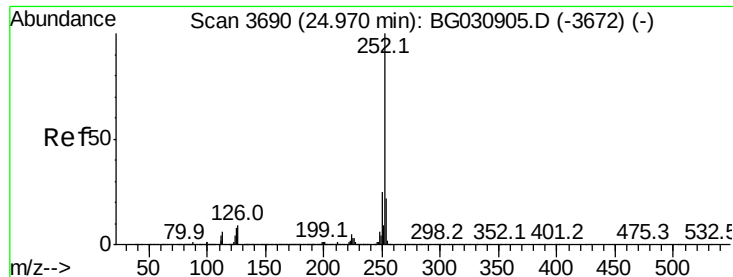
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 27.599 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

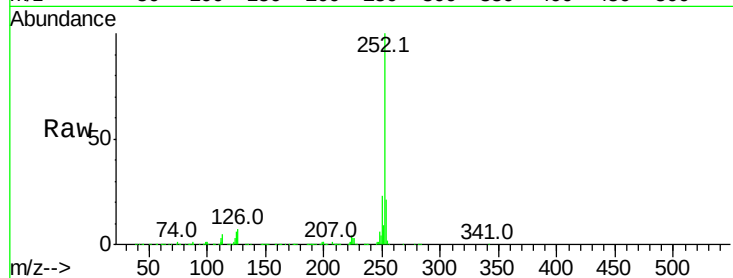
Tot Ion:252 Resp: 783126

Ion Ratio Lower Upper

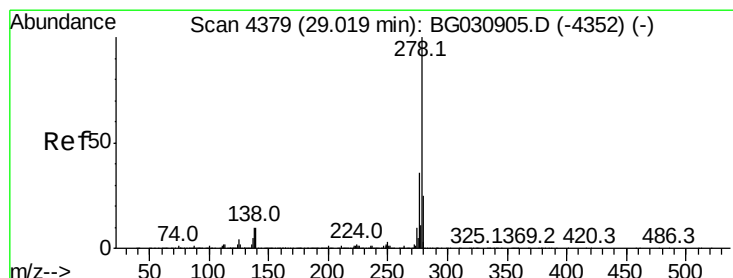
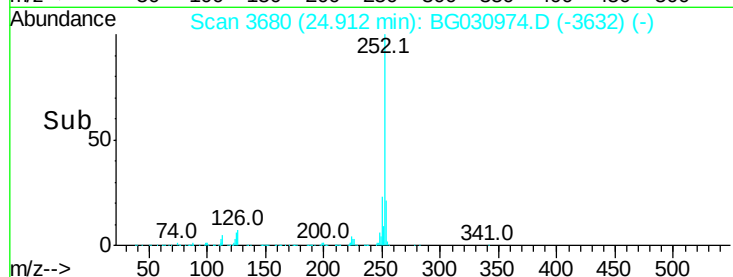
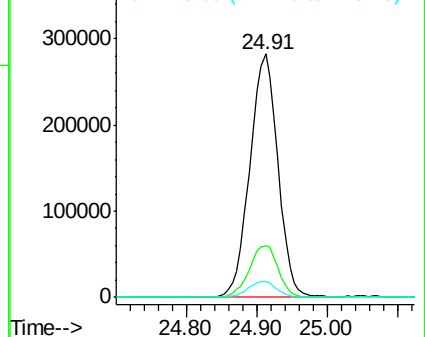
252 100

253 21.2 18.3 27.5

125 6.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 26.680 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

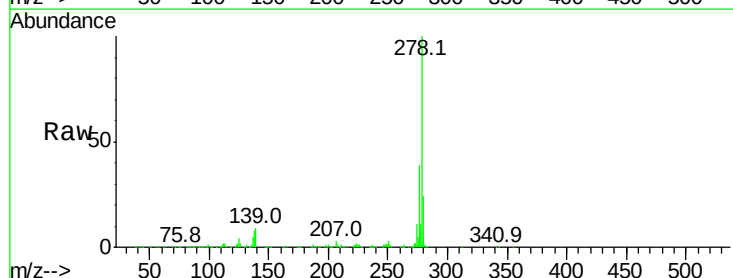
Tgt Ion:278 Resp: 773788

Ion Ratio Lower Upper

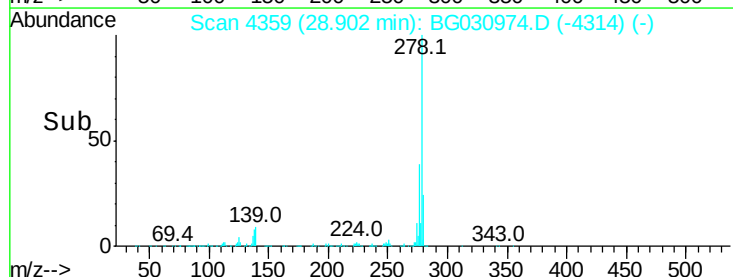
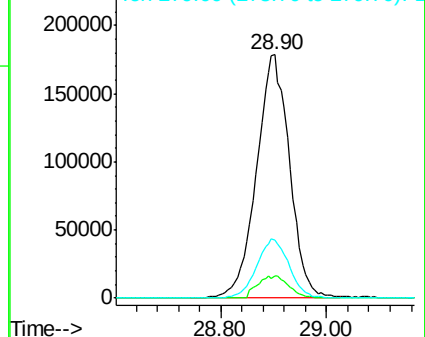
278 100

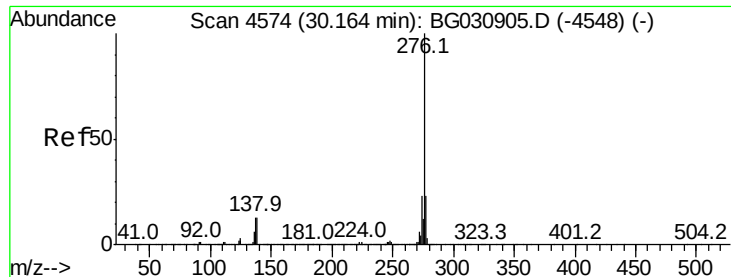
139 9.0 9.8 14.6#

279 23.9 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 27.459 ng

RT: 30.02 min Scan# 4550

Delta R.T. -0.05 min

Lab File: BG030974.D

Acq: 13 Nov 2017 15:46

Instrument :

BNA_G

ClientSampleId :

PB104186BS

Tot Ion:276 Resp: 772929

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 12.4 13.9 20.9#

