

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031171.D
 Acq On : 22 Nov 2017 3:29
 Operator : SJ/JU
 Sample : PB104448BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 04:56:00 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	60035	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	263179	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	177677	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442039	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	498047	20.00	ng	-0.01
86) Perylene-d12	25.07	264	497153	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	312525	89.27	ng	-0.01
7) Phenol-d6	7.31	99	408963	86.71	ng	0.00
23) Nitrobenzene-d5	9.30	82	358515	80.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	190015	66.11	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1026868	83.04	ng	-0.02
78) Terphenyl-d14	20.09	244	1624963	72.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	49757	35.021	ng	# 81
3) Pyridine	3.95	79	155553	37.713	ng	90
4) n-Nitrosodimethylamine	3.86	42	71064	36.353	ng	# 88
6) Aniline	7.45	93	209603	33.767	ng	93
8) 2-Chlorophenol	7.71	128	186222	48.199	ng	89
9) Benzaldehyde	7.27	77	48524	14.701	ng	83
10) Phenol	7.34	94	240013	48.999	ng	93
11) bis(2-Chloroethyl)ether	7.55	93	164156	41.972	ng	89
12) 1,3-Dichlorobenzene	8.02	146	189217	41.742	ng	95
13) 1,4-Dichlorobenzene	8.17	146	195271	42.510	ng	95
14) 1,2-Dichlorobenzene	8.49	146	185200	42.005	ng	96
15) Benzyl Alcohol	8.38	79	160214	42.347	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	239618	55.467	ng	90
17) 2-Methylphenol	8.59	107	159778	46.842	ng	97
18) Hexachloroethane	9.22	117	66267	41.449	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	131945	36.791	ng	# 92
20) 3+4-Methylphenols	8.92	107	222558	45.886	ng	94
22) Acetophenone	8.96	105	259501	39.601	ng	# 92
24) Nitrobenzene	9.35	77	194869	42.952	ng	91
25) Isophorone	9.87	82	368736	42.570	ng	# 92
26) 2-Nitrophenol	10.06	139	109468	46.290	ng	# 89
27) 2,4-Dimethylphenol	10.12	122	182779	52.062	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	237895	43.607	ng	97
29) 2,4-Dichlorophenol	10.60	162	209399	49.670	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	222210	44.148	ng	97
31) Naphthalene	11.00	128	554070	42.826	ng	99
32) Benzoic acid	10.29	122	98947	35.509	ng	# 80
33) 4-Chloroaniline	11.11	127	145351	25.664	ng	94
34) Hexachlorobutadiene	11.28	225	144256	41.326	ng	95
35) Caprolactam	11.88	113	37378	21.704	ng	# 67
36) 4-Chloro-3-methylphenol	12.24	107	206012	44.898	ng	# 85
37) 2-Methylnaphthalene	12.59	142	447689	44.825	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	277424	39.340	ng	97
40) Hexachlorocyclopentadiene	12.94	237	230487	87.258	ng	92

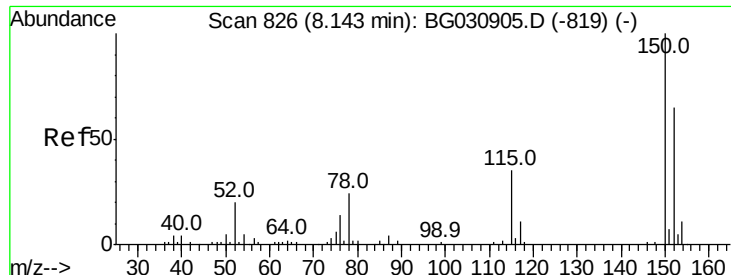
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031171.D
 Acq On : 22 Nov 2017 3:29
 Operator : SJ/JU
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Quant Time: Nov 22 04:56:00 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	186761	46.327	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	198853	45.083	ng	# 93
45) 1,1'-Biphenyl	13.59	154	594247	40.333	ng	96
46) 2-Chloronaphthalene	13.64	162	481033	45.251	ng	96
47) 2-Nitroaniline	13.85	65	132141	41.939	ng	# 82
48) Acenaphthylene	14.48	152	735325	42.263	ng	99
49) Dimethylphthalate	14.20	163	634874	41.326	ng	100
50) 2,6-Dinitrotoluene	14.33	165	144623	45.673	ng	# 75
51) Acenaphthene	14.82	154	454673	41.843	ng	98
52) 3-Nitroaniline	14.67	138	101003	30.041	ng	# 77
53) 2,4-Dinitrophenol	14.88	184	176011	99.495	ng	# 46
54) Dibenzofuran	15.16	168	745003	43.044	ng	100
55) 4-Nitrophenol	14.99	139	202781	84.667	ng	# 79
56) 2,4-Dinitrotoluene	15.12	165	207789	45.392	ng	# 73
57) Fluorene	15.80	166	596944	42.482	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	188507	44.842	ng	# 90
59) Diethylphthalate	15.56	149	632182	40.511	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	354552	41.779	ng	91
61) 4-Nitroaniline	15.83	138	150896	42.384	ng	86
62) Azobenzene	16.08	77	505445	42.470	ng	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	124967	42.532	ng	76
65) n-Nitrosodiphenylamine	16.00	169	557207	41.599	ng	99
66) 4-Bromophenyl-phenylether	16.68	248	235006	41.976	ng	98
67) Hexachlorobenzene	16.81	284	238328	40.063	ng	95
68) Atrazine	16.94	200	208212	37.674	ng	98
69) Pentachlorophenol	17.15	266	241118	73.325	ng	99
70) Phenanthrene	17.54	178	1007353	43.768	ng	99
71) Anthracene	17.64	178	1033243	44.803	ng	99
72) Carbazole	17.90	167	944933	43.729	ng	99
73) Di-n-butylphthalate	18.44	149	1090784	41.112	ng	100
74) Fluoranthene	19.54	202	1297436	44.523	ng	98
76) Benzidine	19.72	184	812480	50.785	ng	98
77) Pyrene	19.90	202	1320549	44.683	ng	96
79) Butylbenzylphthalate	20.76	149	520397	44.162	ng	86
80) Benzo(a)anthracene	21.75	228	1336168	43.191	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	438500	35.114	ng	97
82) Chrysene	21.82	228	1263350	44.146	ng	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	734248	43.166	ng	100
84) Di-n-octyl phthalate	22.85	149	1262845	45.614	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1478026	42.484	ng	98
87) Benzo(b)fluoranthene	24.02	252	1366907	45.453	ng	98
88) Benzo(k)fluoranthene	24.09	252	1293327	43.388	ng	97
89) Benzo(a)pyrene	24.92	252	1303925	45.642	ng	99
90) Dibenzo(a,h)anthracene	28.92	278	1226276	41.995	ng	96
91) Benzo(g,h,i)perylene	30.06	276	1203148	42.453	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

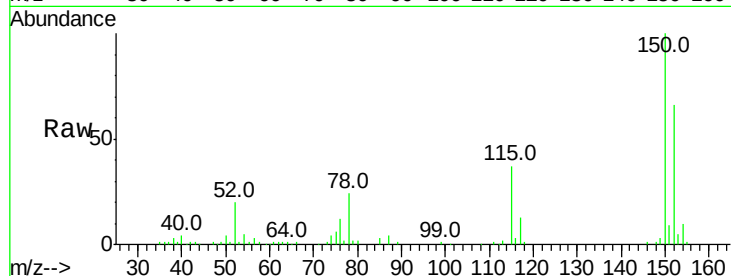
Tot Ion:152 Resp: 60035

Ion Ratio Lower Upper

152 100

150 151.4 126.6 189.8

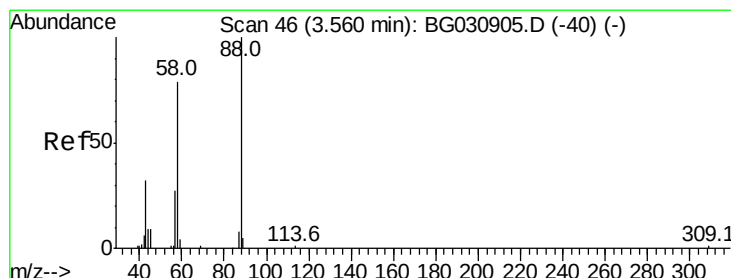
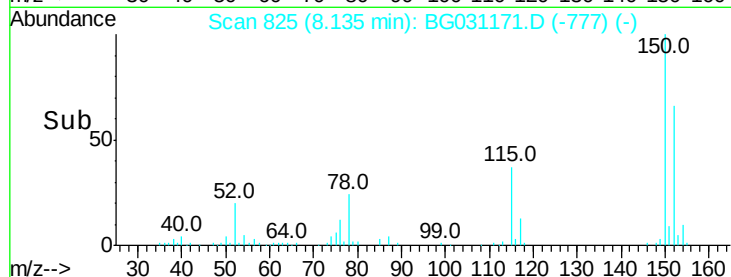
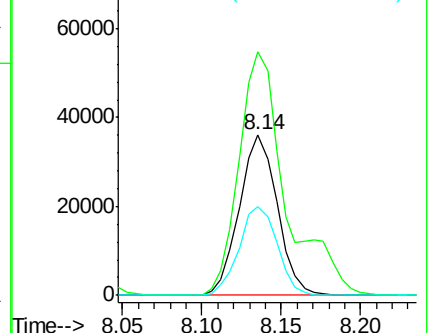
115 55.4 53.0 79.4



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: 35.021 ng

RT: 3.54 min Scan# 43

Delta R.T. -0.03 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

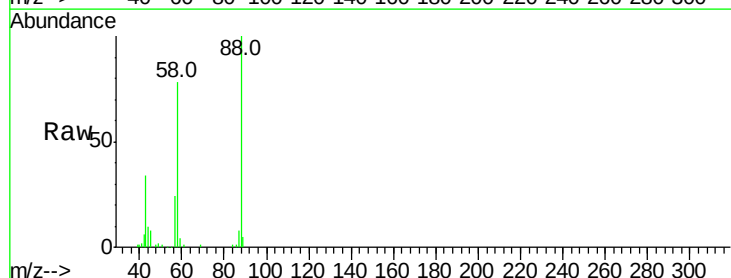
Tgt Ion: 88 Resp: 49757

Ion Ratio Lower Upper

88 100

58 77.4 79.6 119.4#

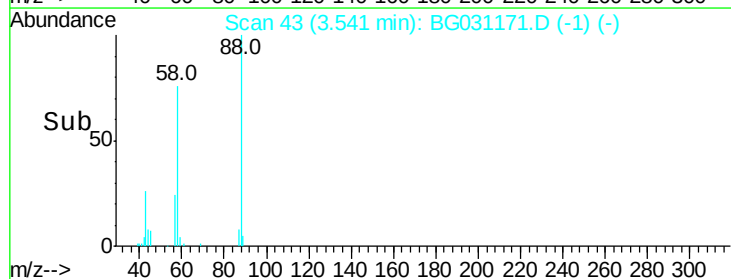
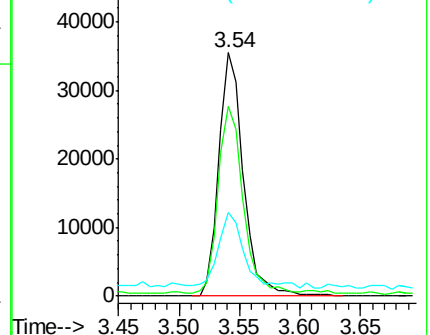
43 28.4 27.4 41.0

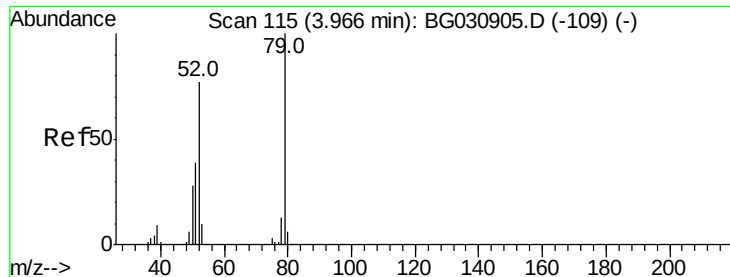


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.713 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

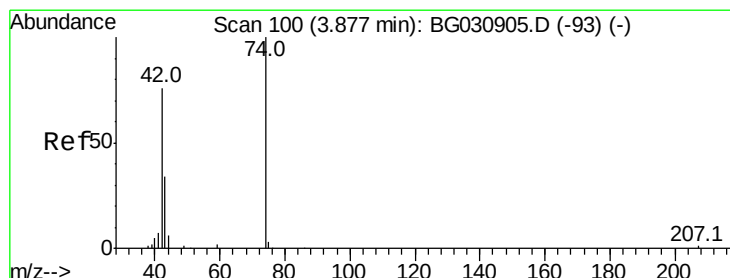
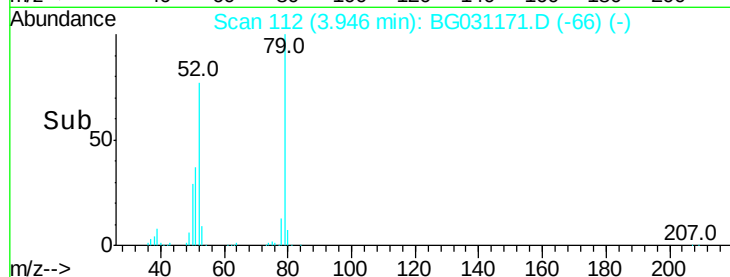
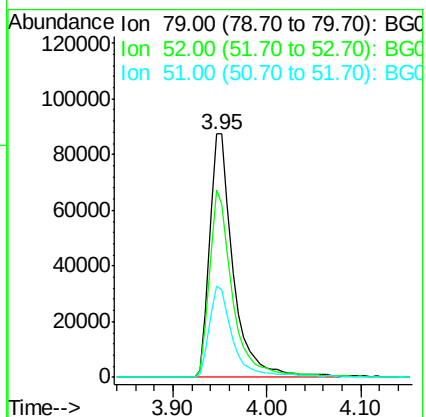
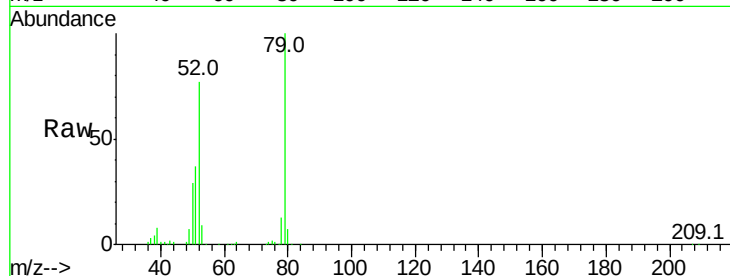
Tot Ion: 79 Resp: 155553

Ion Ratio Lower Upper

79 100

52 77.2 69.9 104.9

51 37.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.353 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

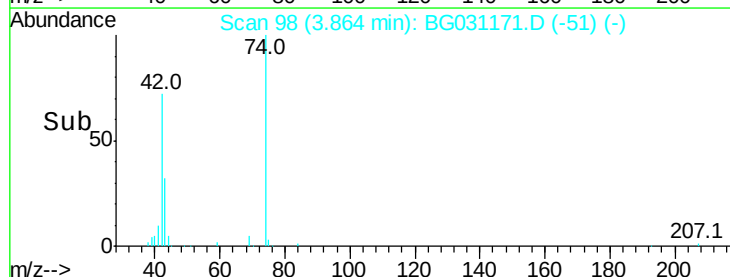
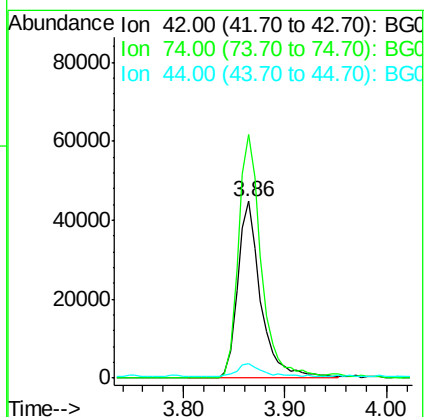
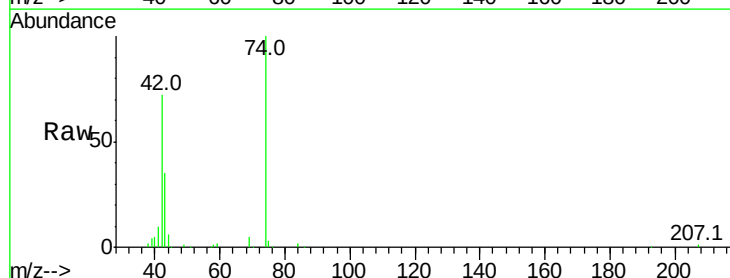
Tgt Ion: 42 Resp: 71064

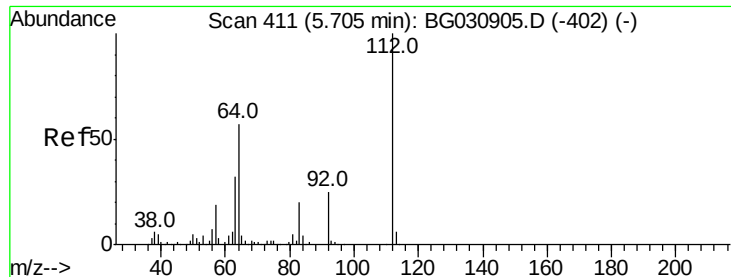
Ion Ratio Lower Upper

42 100

74 138.0 102.5 153.7

44 7.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 89.265 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

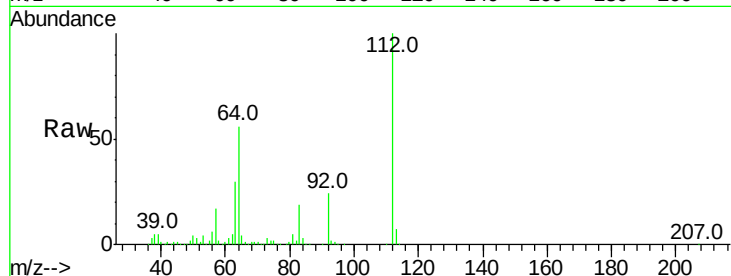
Tot Ion:112 Resp: 312525

Ion Ratio Lower Upper

112 100

64 55.5 56.3 84.5#

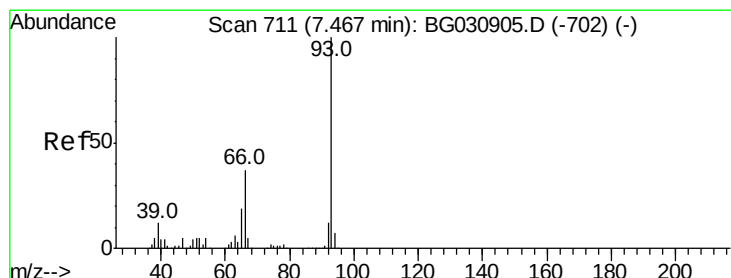
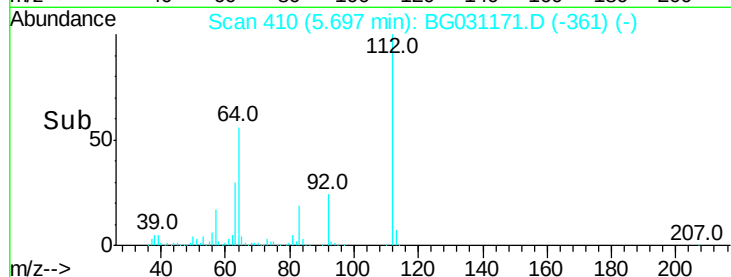
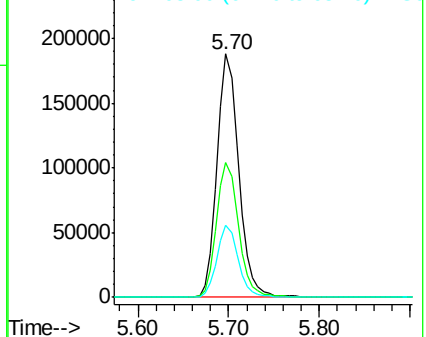
63 29.7 30.1 45.1#



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: 33.767 ng

RT: 7.45 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

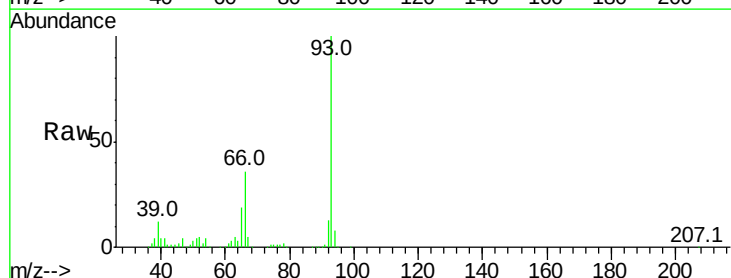
Tgt Ion: 93 Resp: 209603

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

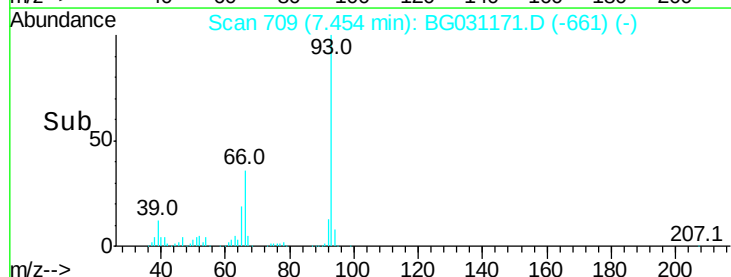
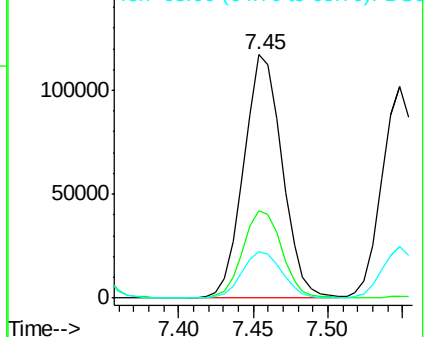
65 19.2 16.1 24.1

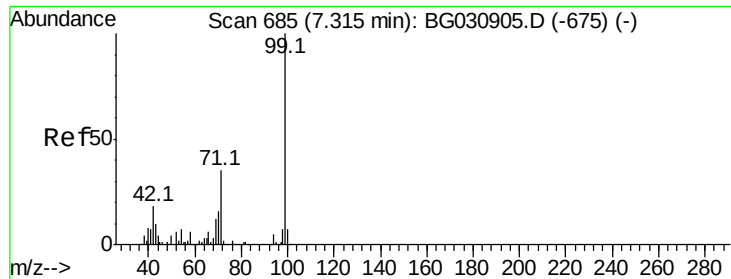


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.705 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

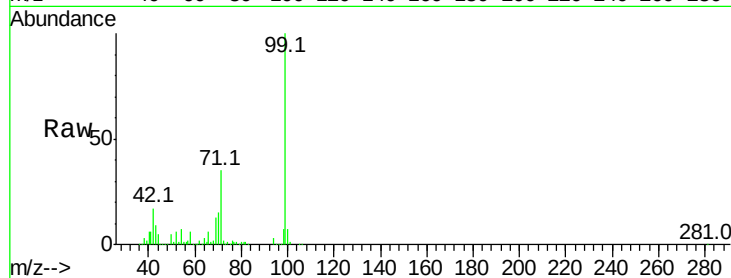
Tot Ion: 99 Resp: 408963

Ion Ratio Lower Upper

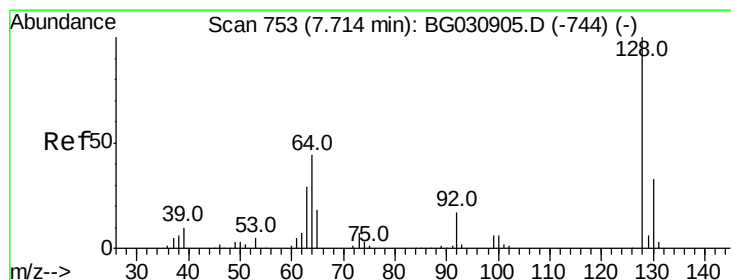
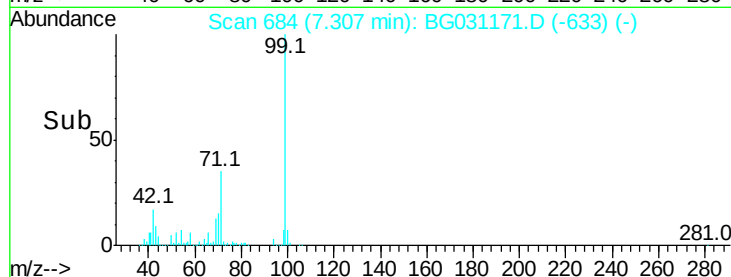
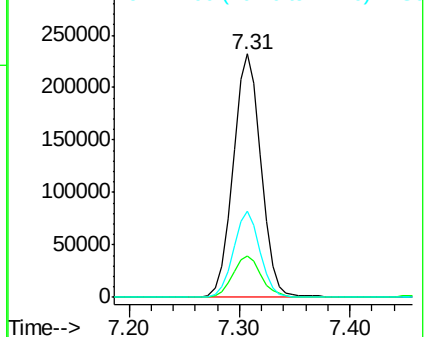
99 100

42 17.2 14.1 21.1

71 35.2 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: 48.199 ng

RT: 7.71 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

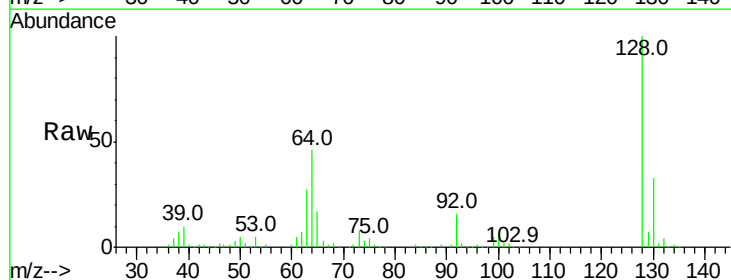
Tgt Ion: 128 Resp: 186222

Ion Ratio Lower Upper

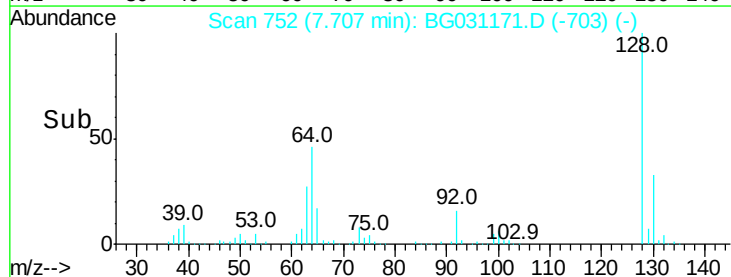
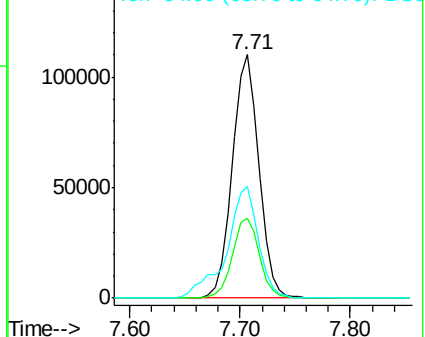
128 100

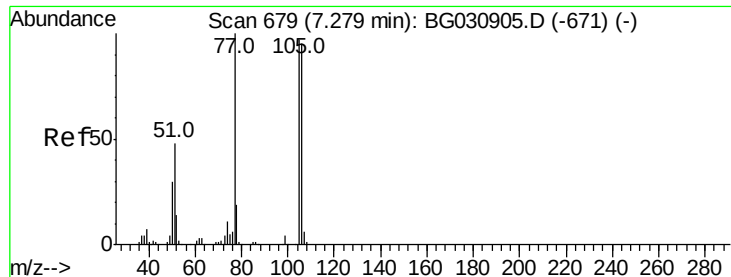
130 32.6 14.0 54.0

64 45.9 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: 14.701 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampled :

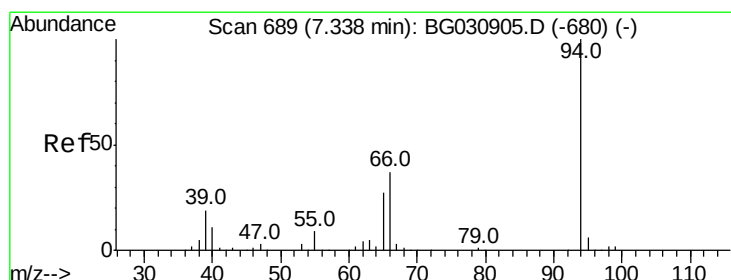
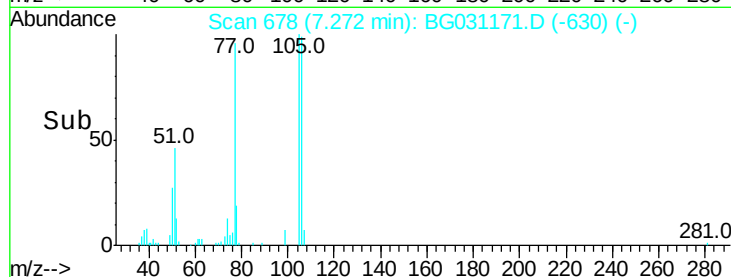
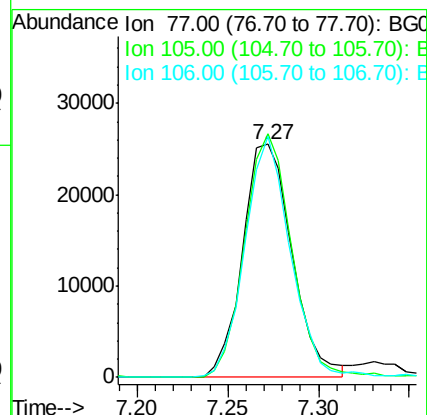
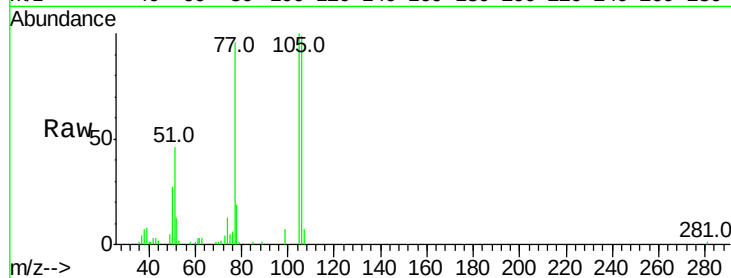
Tot Ion: 77 Resp: 48524

Ion Ratio Lower Upper

77 100

105 104.5 71.3 111.3

106 103.3 64.2 104.2



#10

Phenol

Concen: 48.999 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

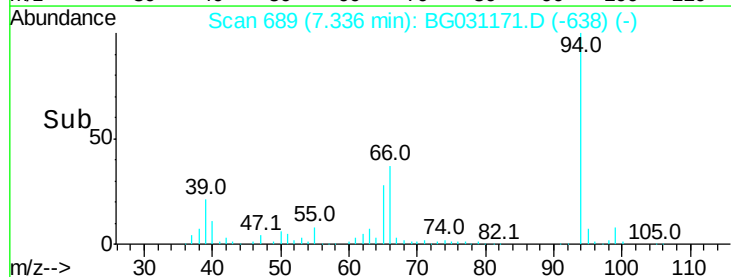
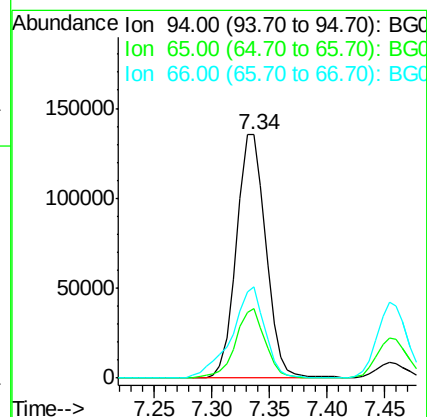
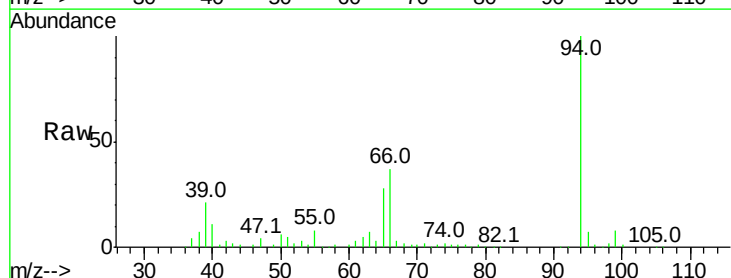
Tgt Ion: 94 Resp: 240013

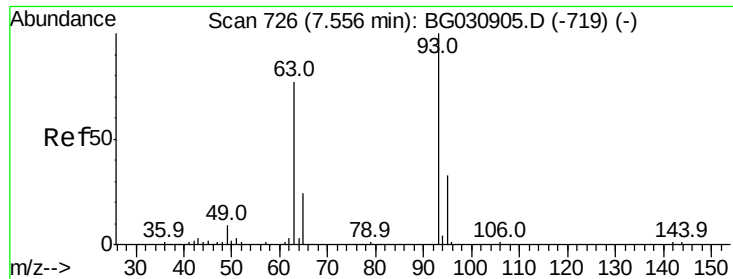
Ion Ratio Lower Upper

94 100

65 28.4 11.9 51.9

66 37.4 22.2 62.2

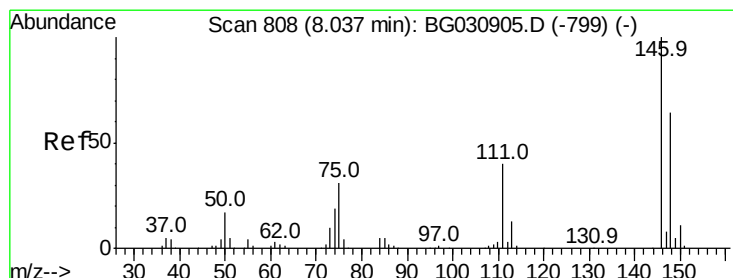
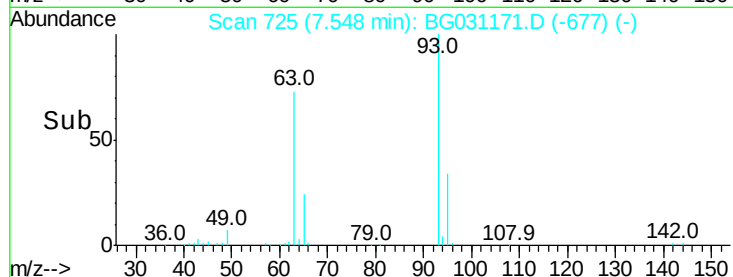
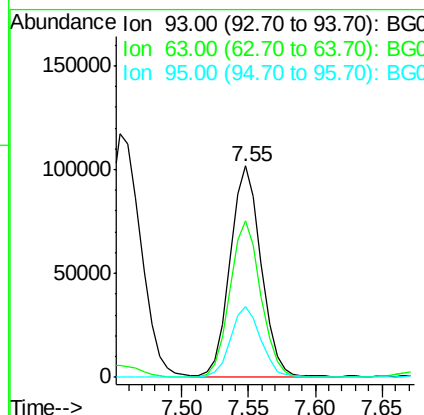
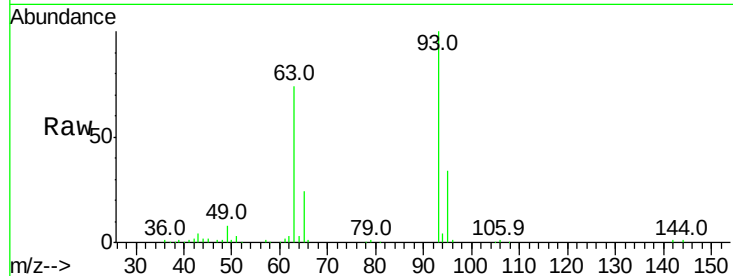




#11
 bis(2-Chloroethyl)ether
 Concen: 41.972 ng
 RT: 7.55 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

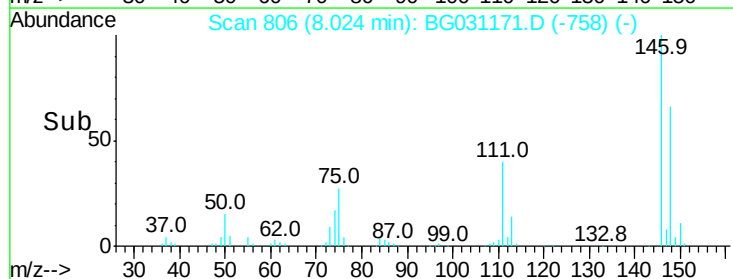
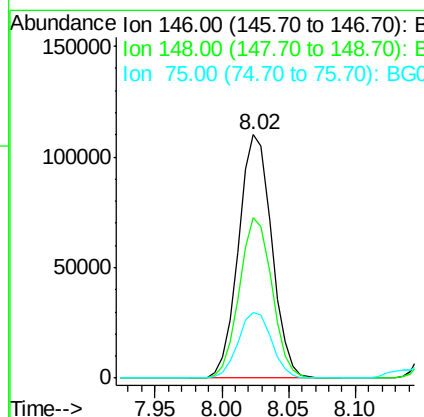
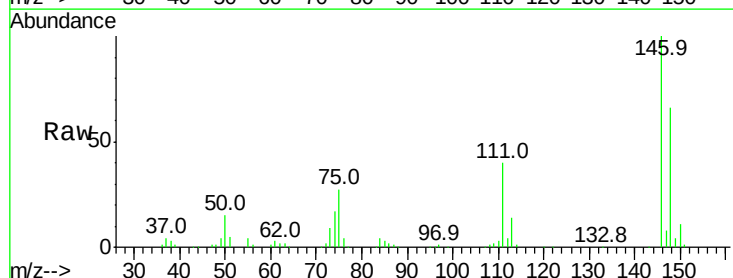
Instrument :
 BNA_G
 ClientSampleId :

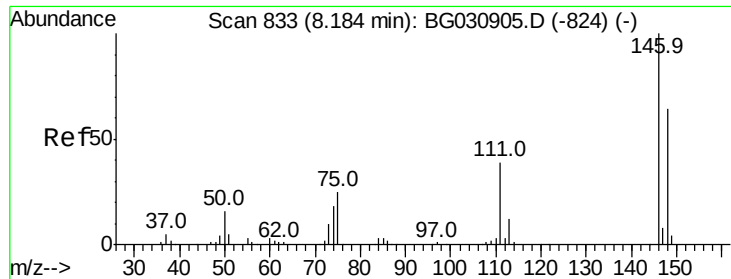
Tot Ion: 93 Resp: 164156
 Ion Ratio Lower Upper
 93 100
 63 74.2 67.1 107.1
 95 33.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.742 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion: 146 Resp: 189217
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.2
 75 27.0 26.6 39.8

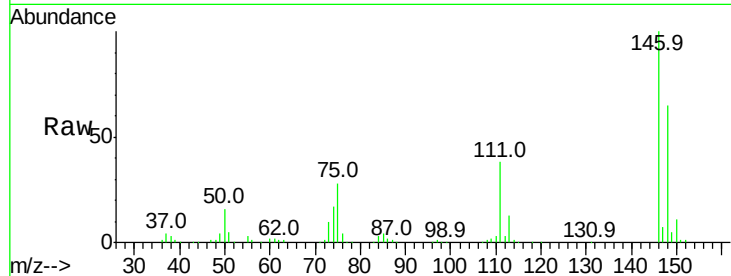




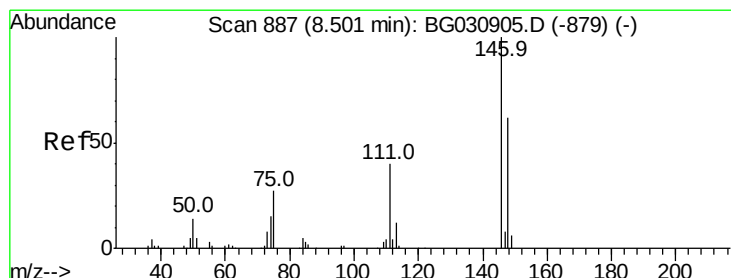
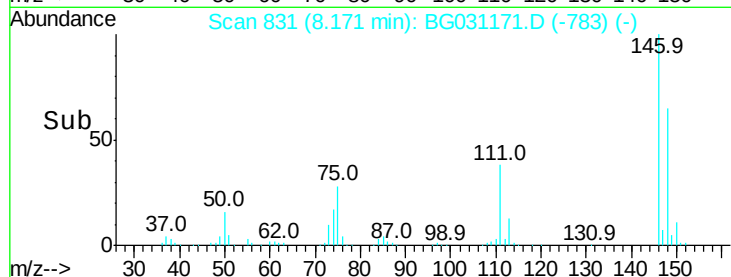
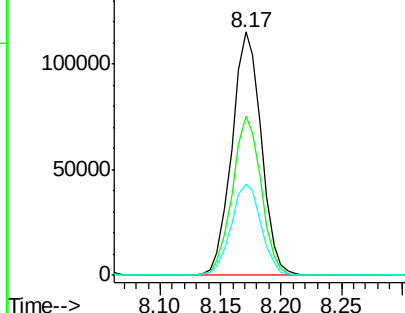
#13
 1,4-Dichlorobenzene
 Concen: 42.510 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 195271
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.7 80.5
 111 37.5 35.2 52.8

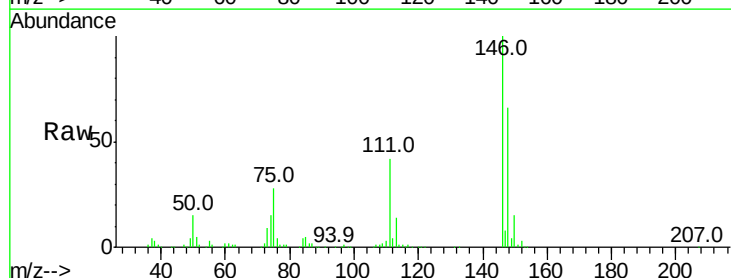


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

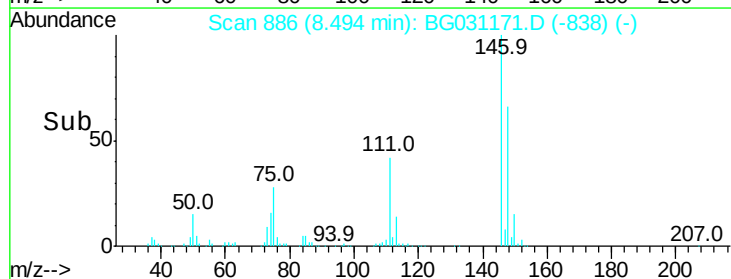
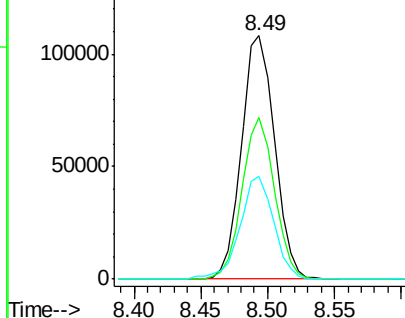


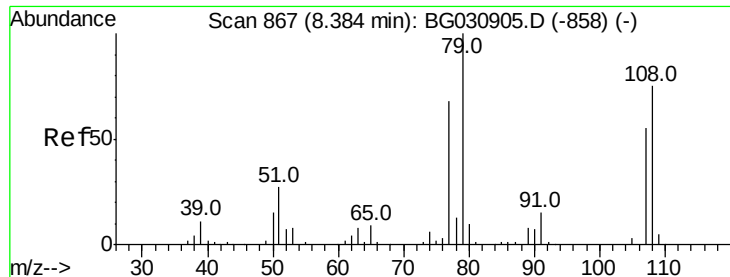
#14
 1,2-Dichlorobenzene
 Concen: 42.005 ng
 RT: 8.49 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion:146 Resp: 185200
 Ion Ratio Lower Upper
 146 100
 148 66.3 49.3 73.9
 111 42.4 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

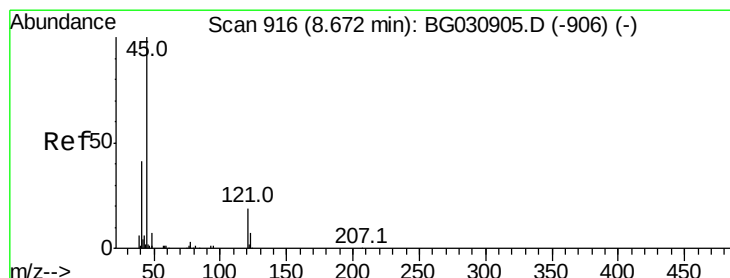
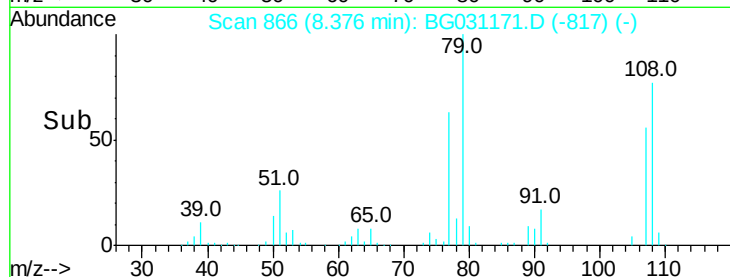
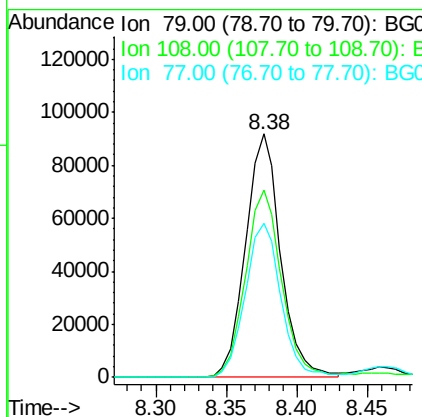
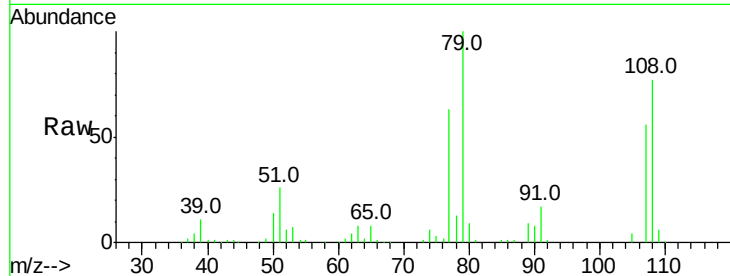




#15
Benzyl Alcohol
Concen: 42.347 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

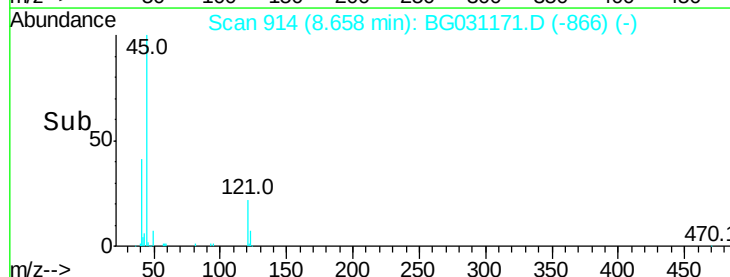
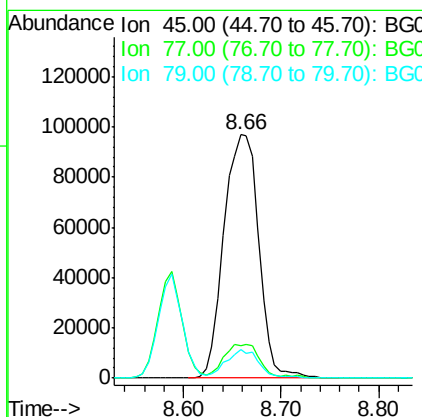
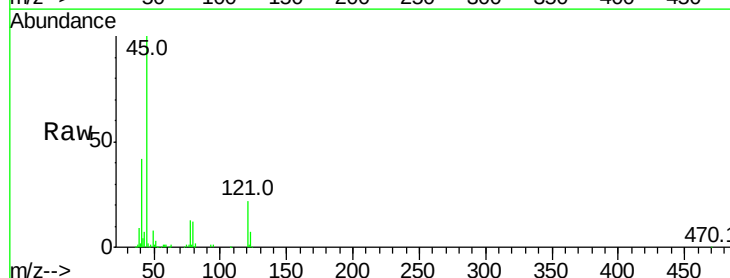
Instrument :
BNA_G
ClientSampled :

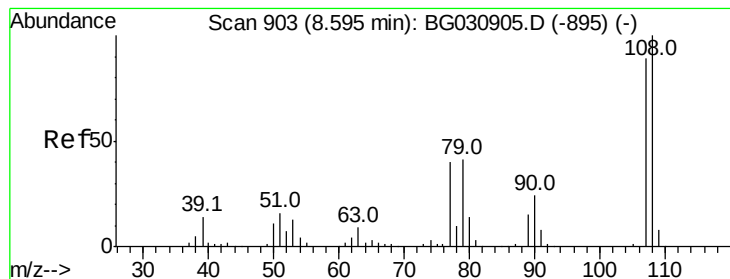
Tot Ion: 79 Resp: 160214
Ion Ratio Lower Upper
79 100
108 77.0 57.2 85.8
77 63.1 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 55.467 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion: 45 Resp: 239618
Ion Ratio Lower Upper
45 100
77 13.4 0.0 30.2
79 11.8 0.0 27.9

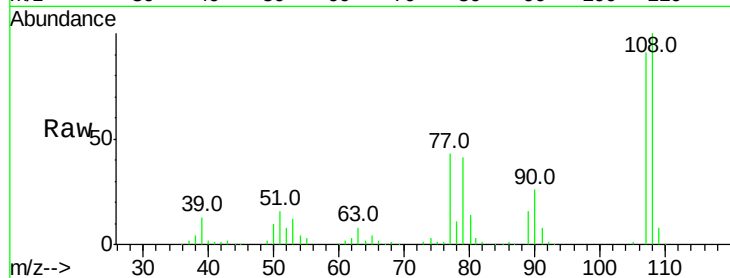




#17
2-Methylphenol
Concen: 46.842 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	159778
Ion	Ratio	Lower	Upper
107	100		
108	110.5	83.9	125.9
77	47.1	37.2	55.8
79	45.8	36.2	54.2



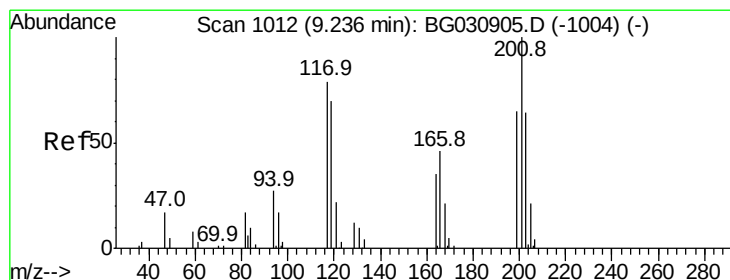
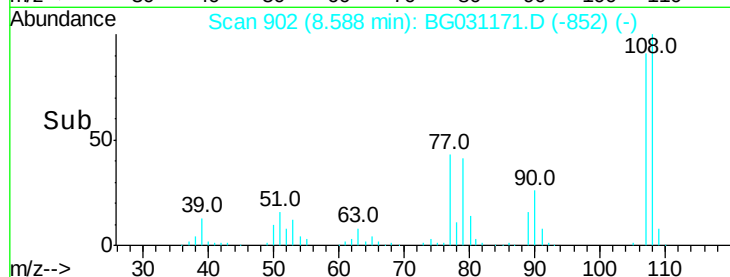
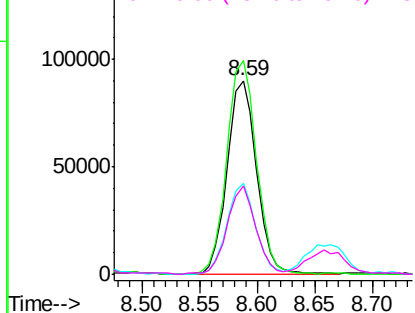
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

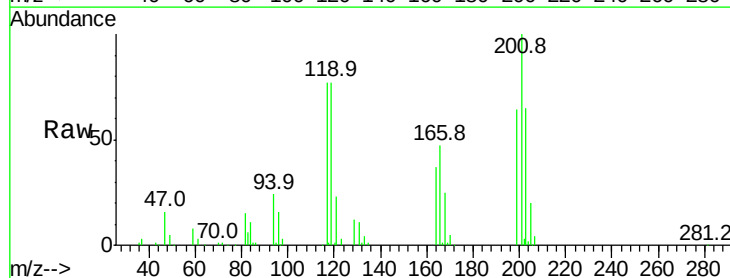
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.449 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:	117	Resp:	66267
Ion	Ratio	Lower	Upper
117	100		
119	100.0	76.7	115.1
201	130.4	95.7	143.5

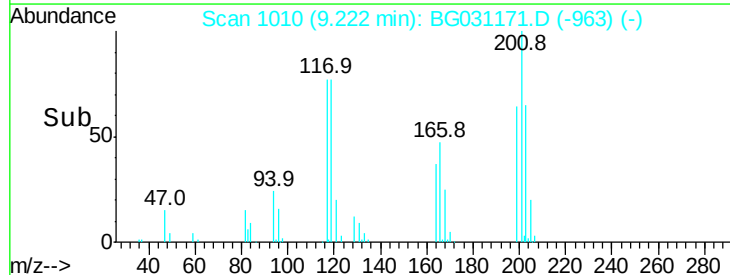
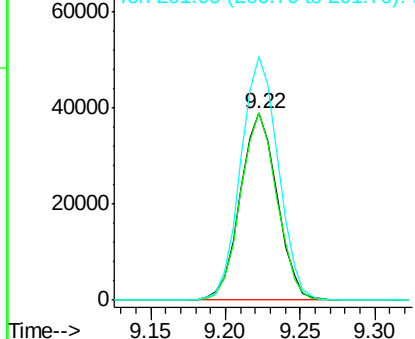


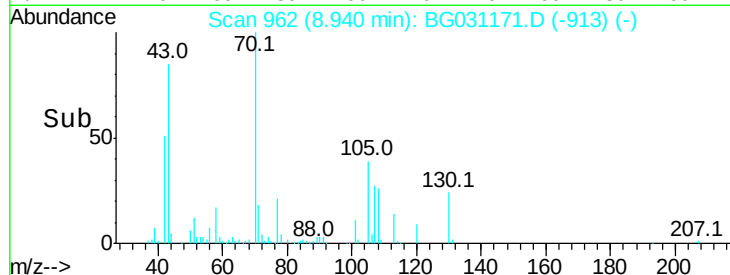
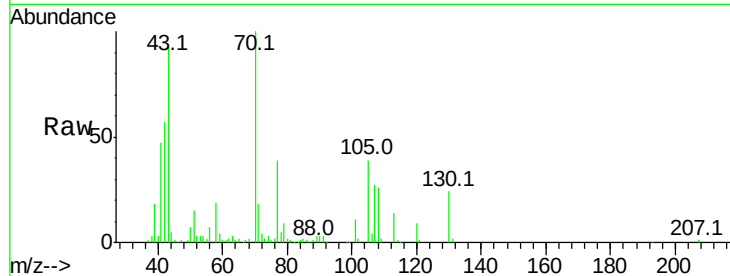
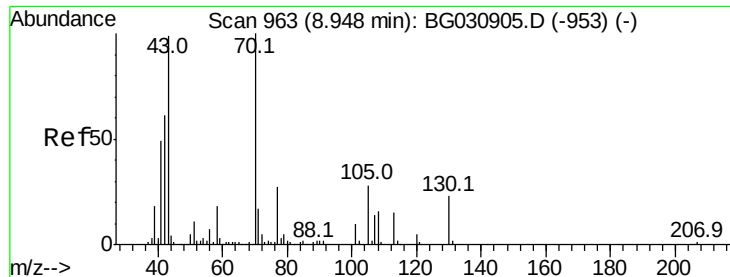
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

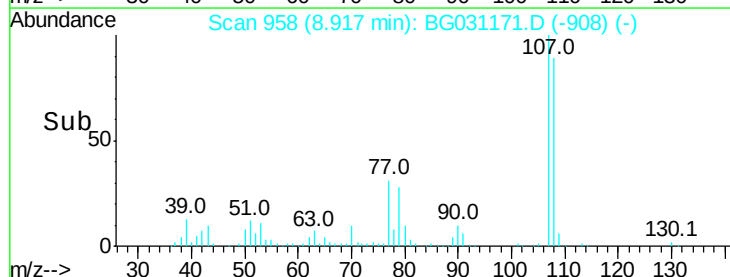
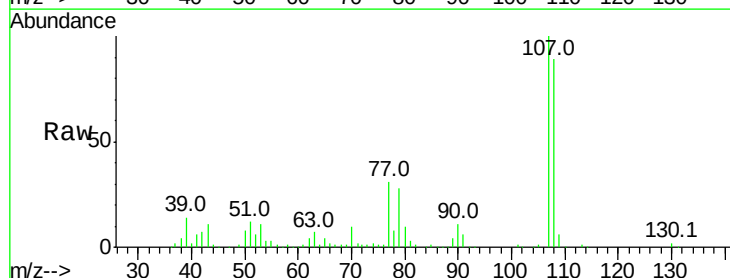
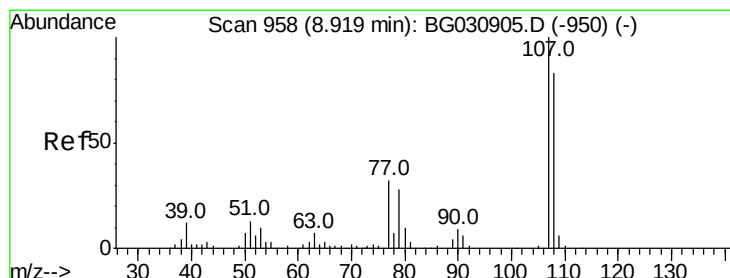
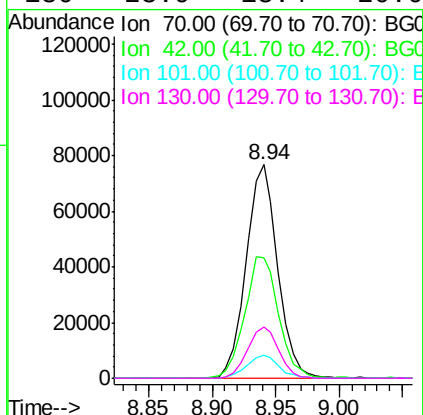




#19
n-Nitroso-di-n-propylamine
Concen: 36.791 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

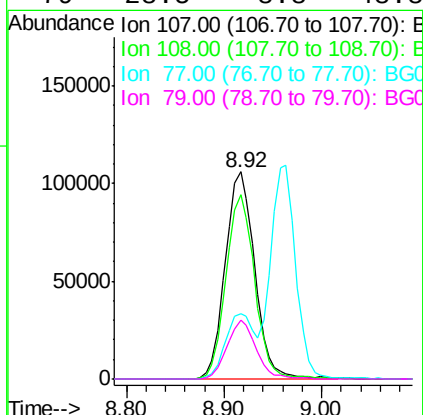
Instrument :
BNA_G
ClientSampled :

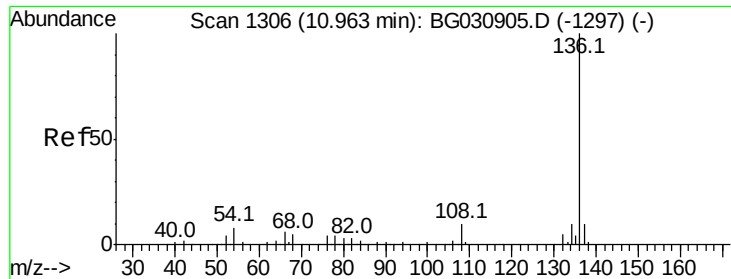
Tot Ion: 70 Resp: 131945
Ion Ratio Lower Upper
70 100
42 56.6 49.1 73.7
101 10.6 8.5 12.7
130 23.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.886 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:107 Resp: 222558
Ion Ratio Lower Upper
107 100
108 89.1 61.6 101.6
77 31.4 13.9 53.9
79 28.5 8.8 48.8

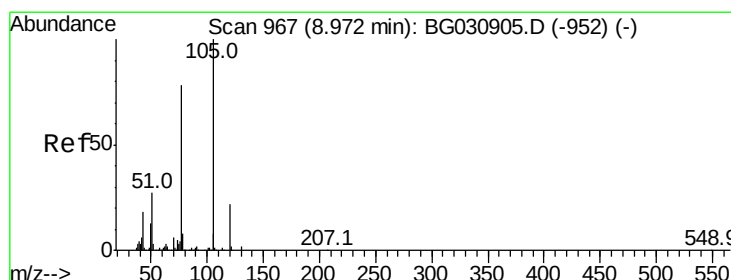
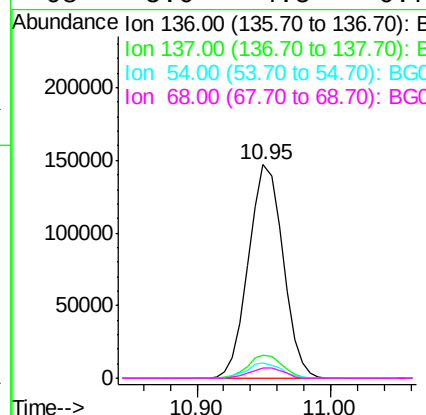
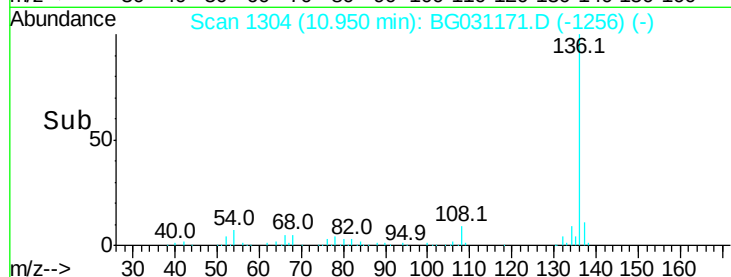
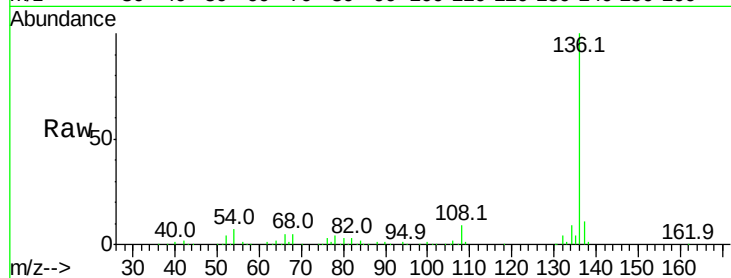




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

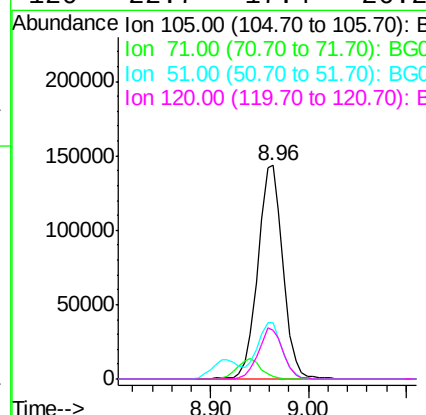
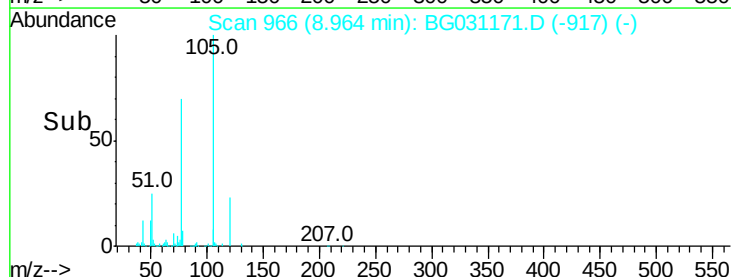
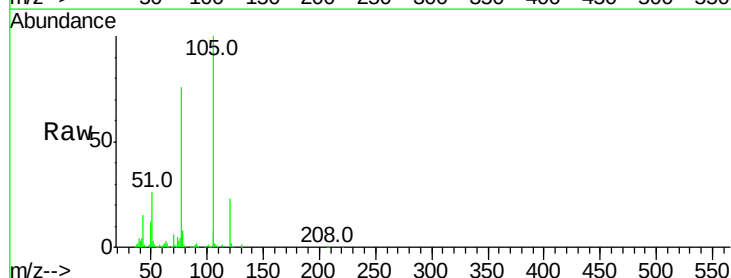
Instrument :
BNA_G
ClientSampleId :

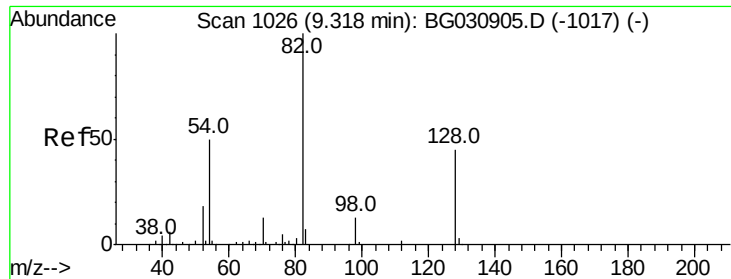
Tot Ion:136	Resp:	263179
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	7.5	10.3 15.5#
68	5.0	4.5 6.7



#22
Acetophenone
Concen: 39.601 ng
RT: 8.96 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:105	Resp:	259501
Ion Ratio	Lower	Upper
105	100	
71	1.0	3.0 4.4#
51	26.3	26.1 39.1
120	22.7	17.4 26.2

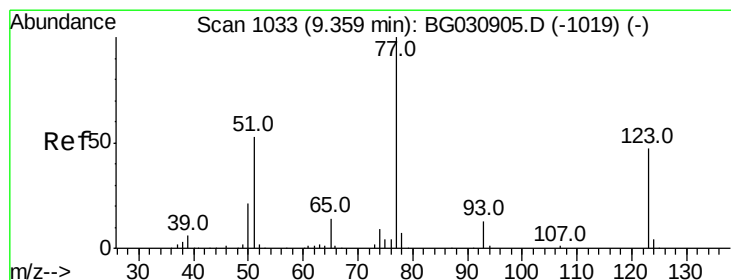
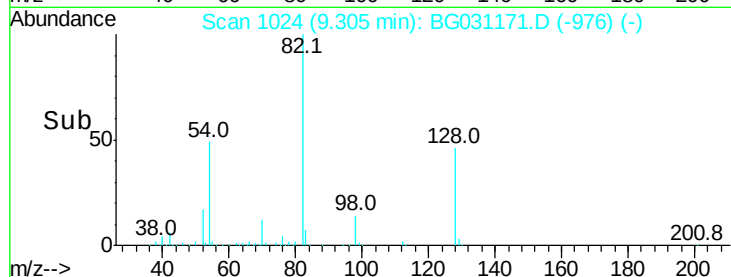
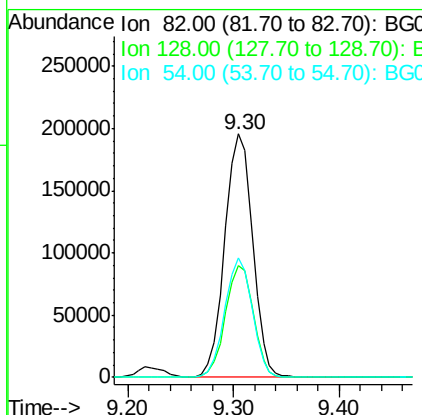
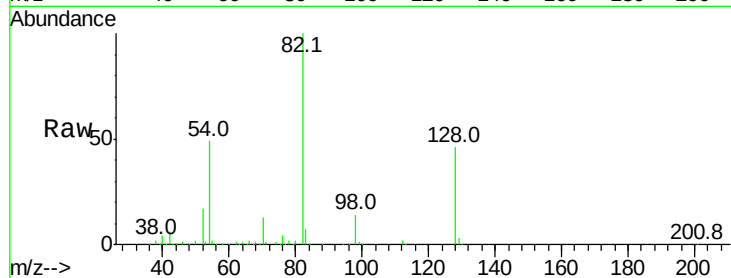




#23
 Nitrobenzene-d5
 Concen: 80.722 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

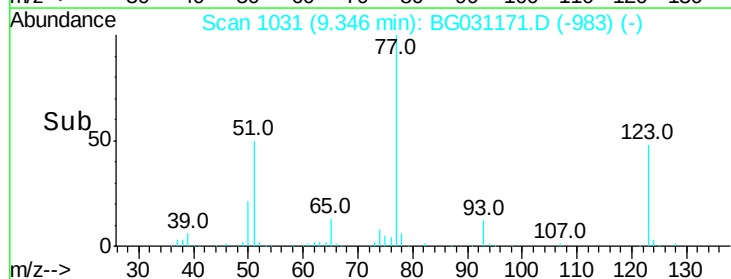
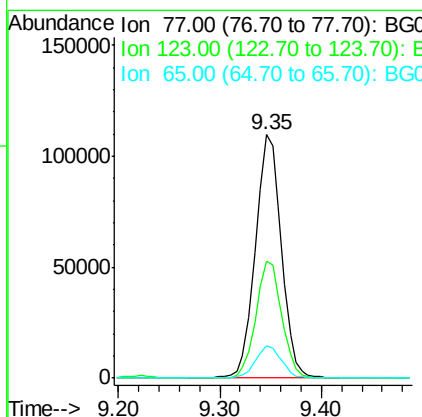
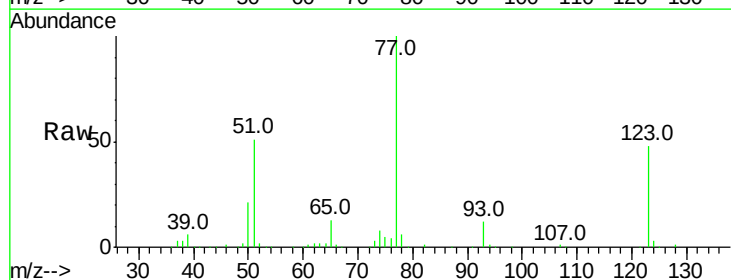
Instrument :
 BNA_G
 ClientSampleId :

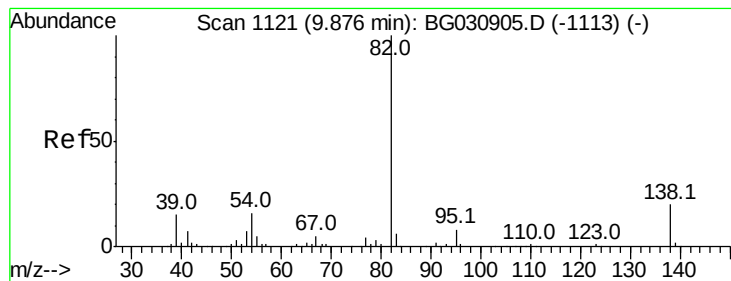
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	49.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 42.952 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 42.570 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampled :

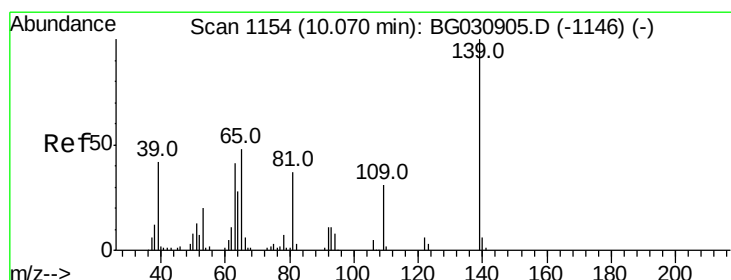
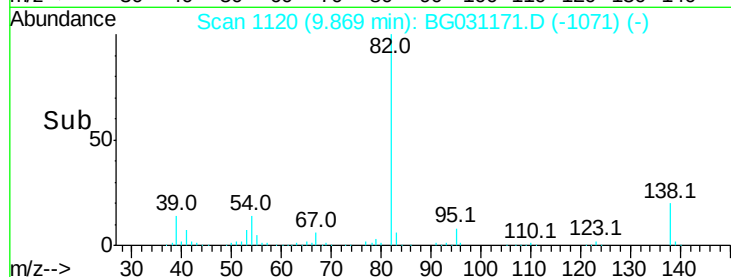
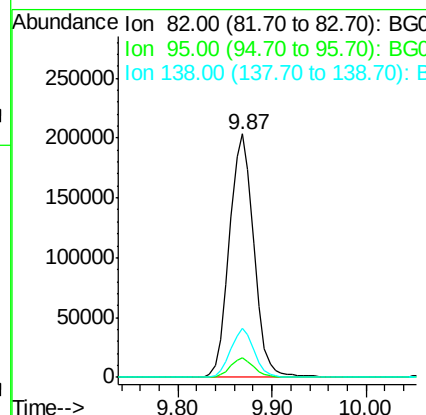
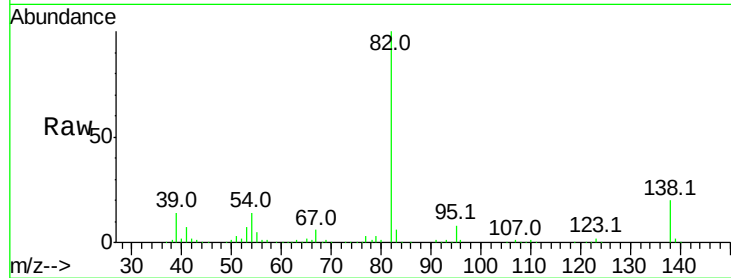
Tot Ion: 82 Resp: 368736

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 20.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.290 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

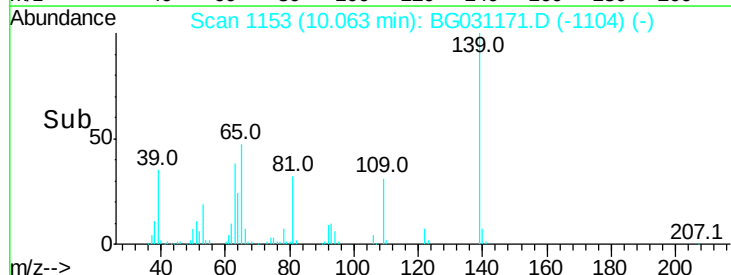
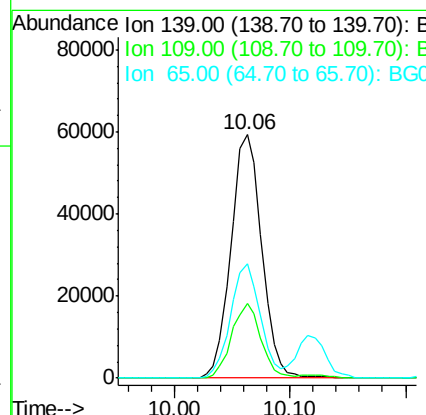
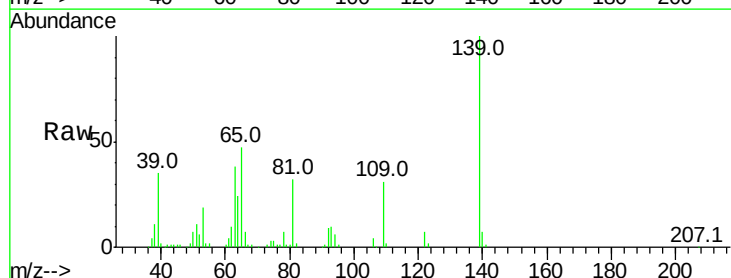
Tgt Ion: 139 Resp: 109468

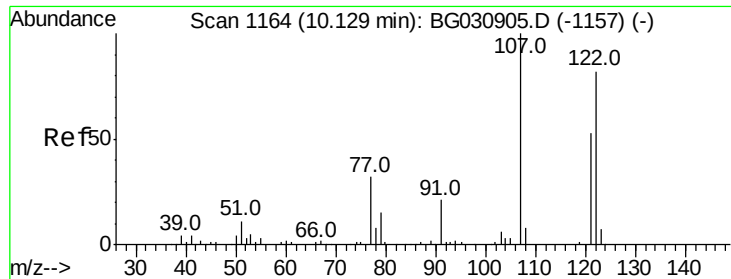
Ion Ratio Lower Upper

139 100

109 30.5 24.2 36.2

65 46.8 47.4 71.0#

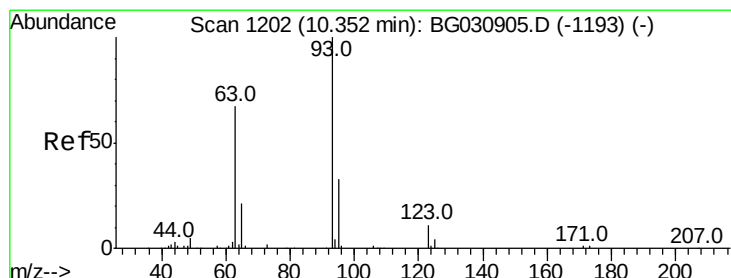
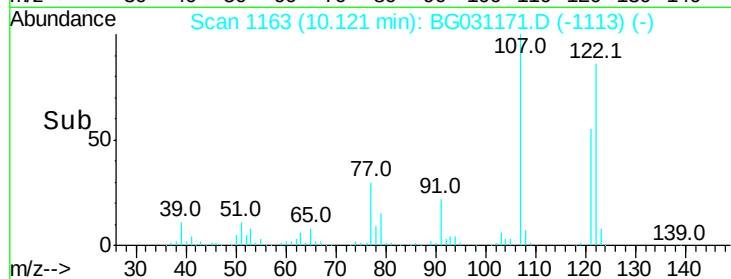
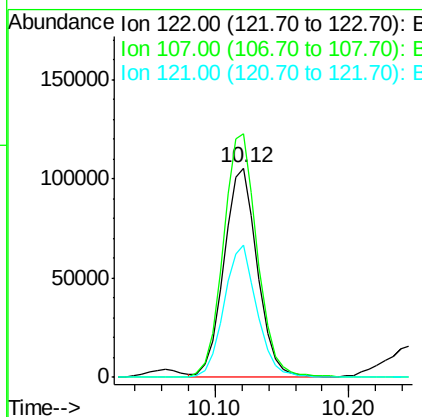
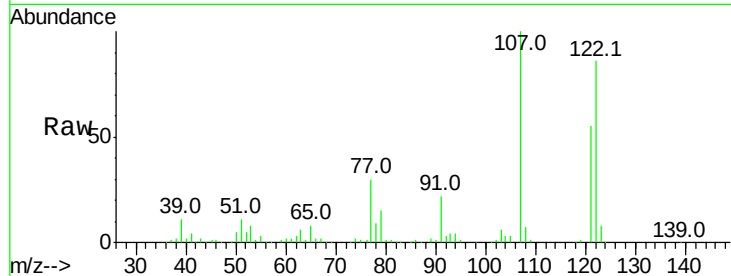




#27
 2,4-Dimethylphenol
 Concen: 52.062 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

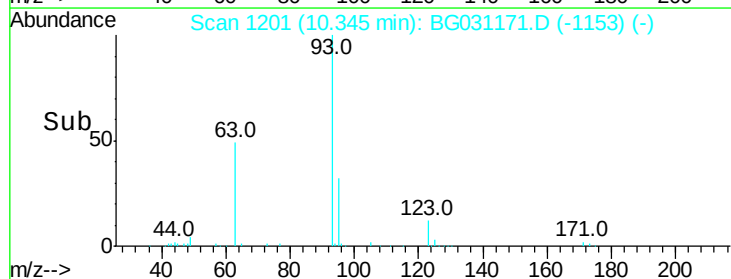
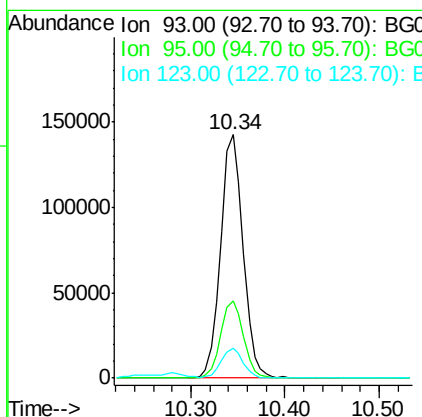
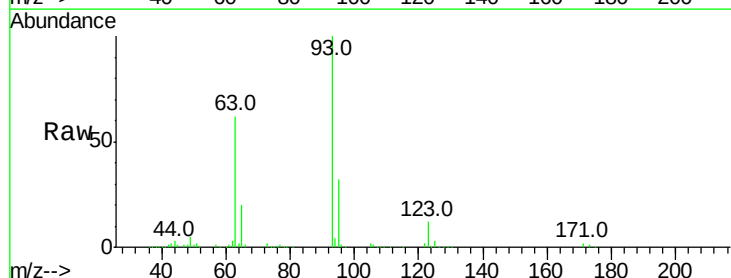
Instrument :
 BNA_G
 ClientSampleId :

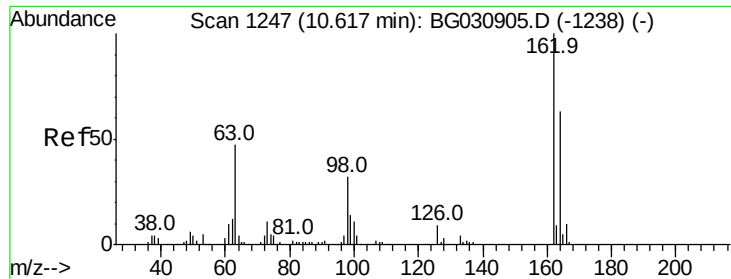
Tot Ion:122 Resp: 182779
 Ion Ratio Lower Upper
 122 100
 107 116.4 100.2 150.2
 121 63.5 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.607 ng
 RT: 10.34 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion: 93 Resp: 237895
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 12.0 8.4 12.6

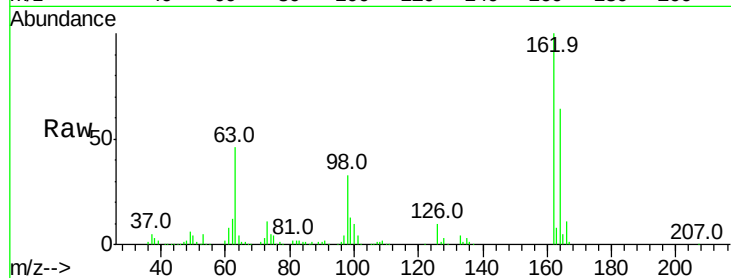




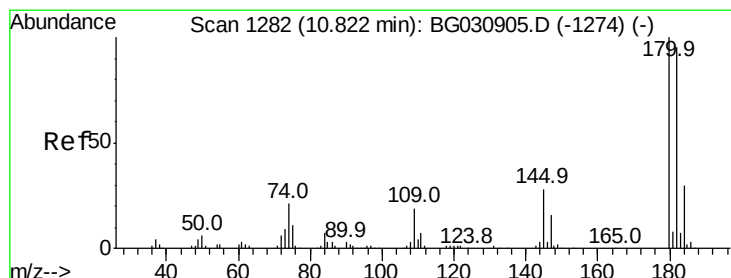
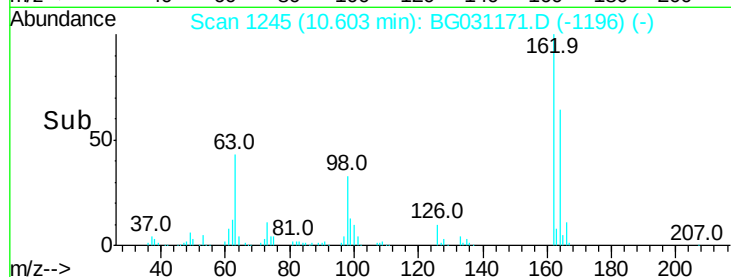
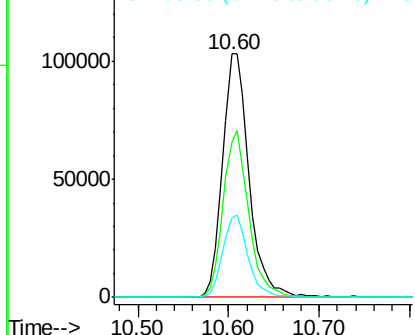
#29
 2,4-Dichlorophenol
 Concen: 49.670 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.0	88.0
98	32.5	21.1	61.1

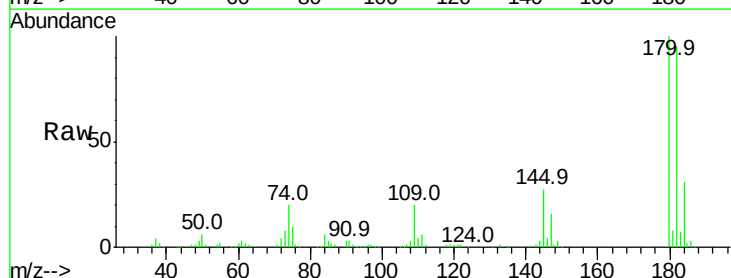


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

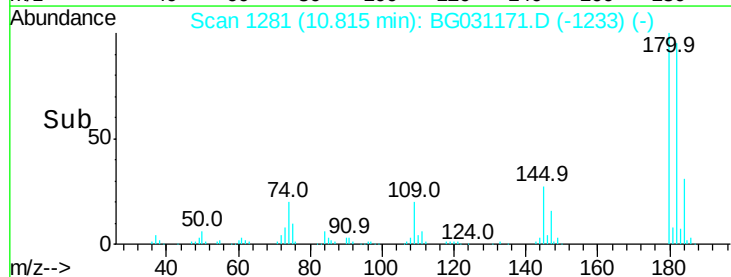
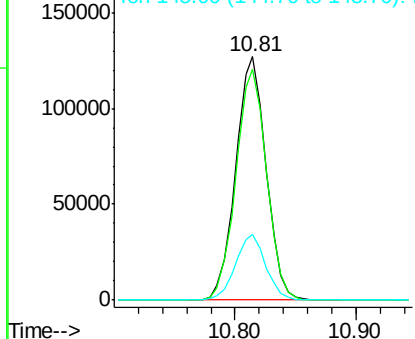


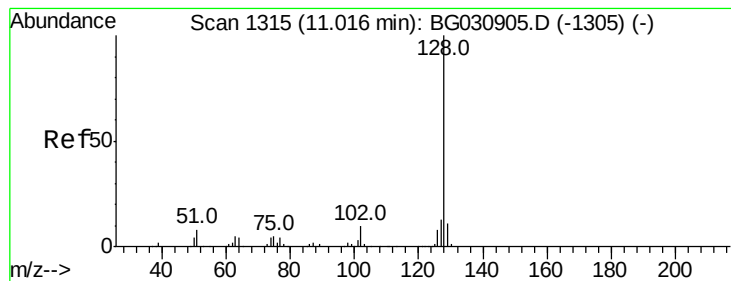
#30
 1,2,4-Trichlorobenzene
 Concen: 44.148 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.5	116.3
145	26.9	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

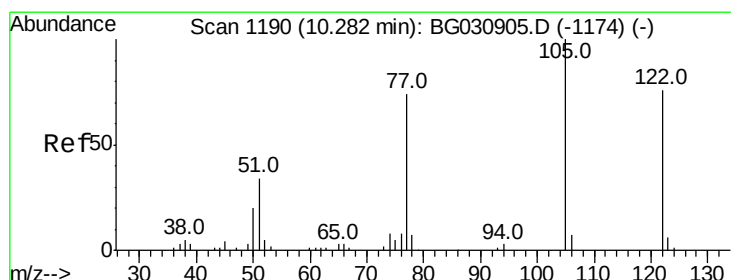
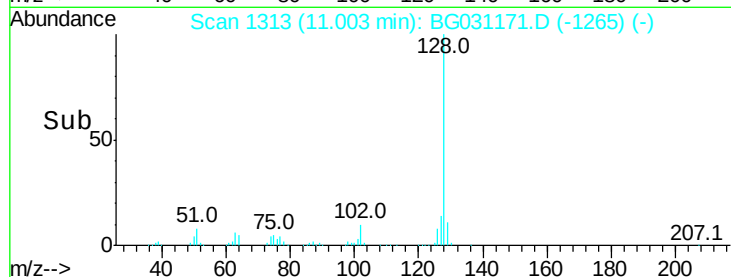
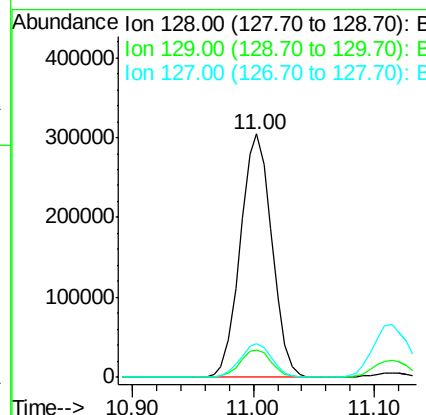
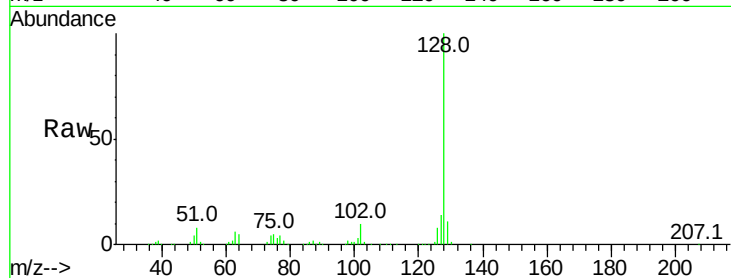




#31
Naphthalene
Concen: 42.826 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

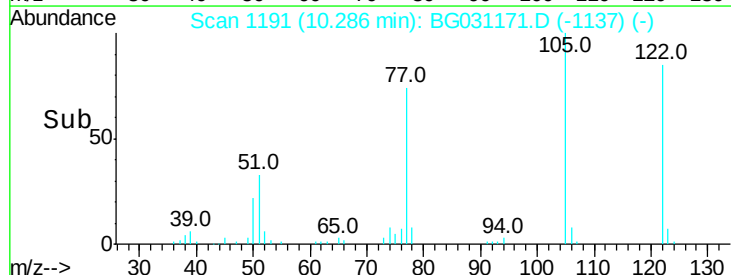
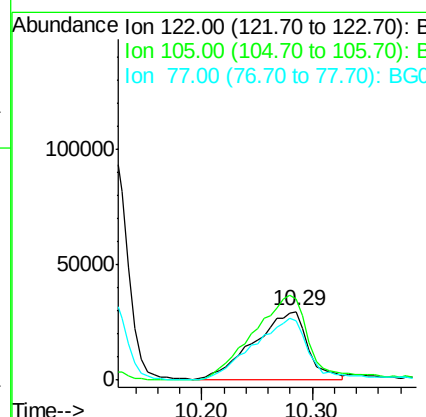
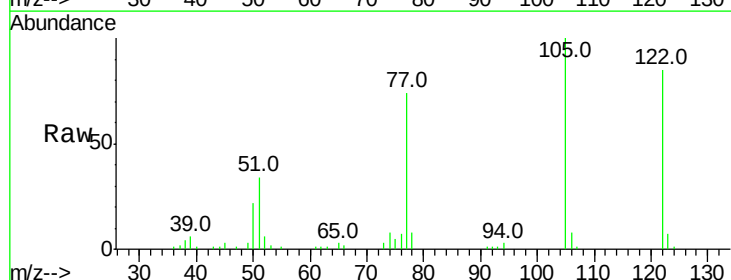
Instrument :
BNA_G
ClientSampleId :

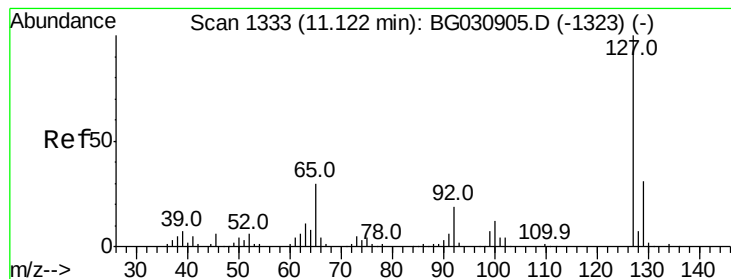
Tot Ion:128 Resp: 554070
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 35.509 ng
RT: 10.29 min Scan# 1191
Delta R.T. 0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:122 Resp: 98947
Ion Ratio Lower Upper
122 100
105 117.6 123.5 163.5#
77 87.0 85.7 125.7





#33

4-Chloroaniline

Concen: 25.664 ng

RT: 11.11 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampled :

Tot Ion:127 Resp: 145351

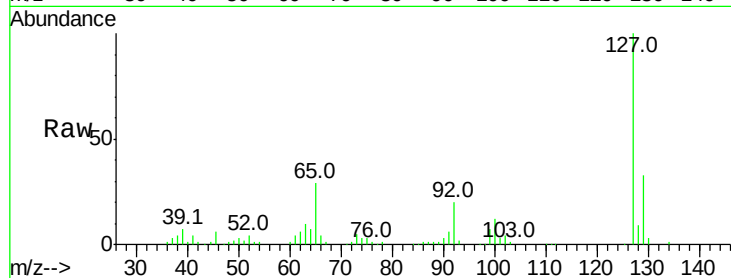
Ion Ratio Lower Upper

127 100

129 33.2 24.0 36.0

65 29.2 27.0 40.4

92 19.9 16.6 25.0



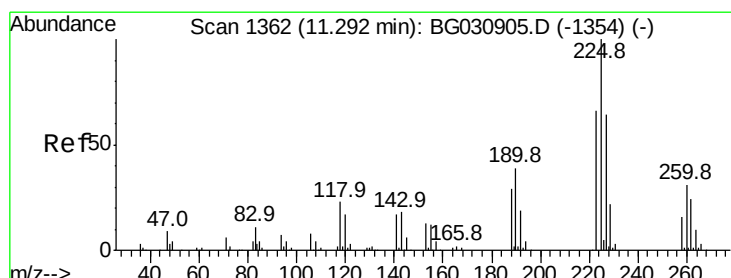
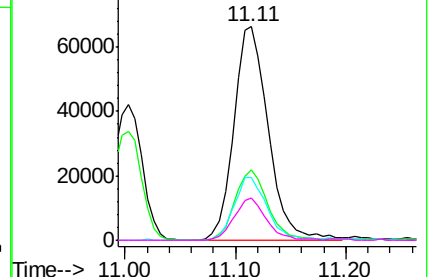
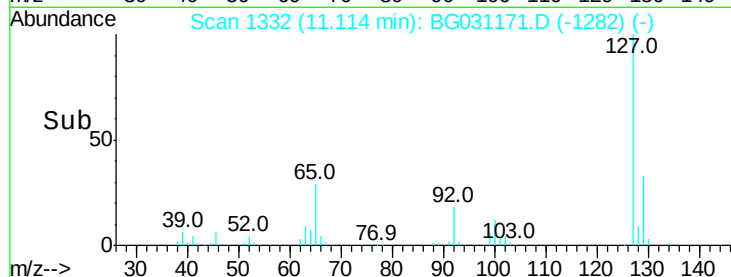
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Time--> 11.00 11.10 11.20



#34

Hexachlorobutadiene

Concen: 41.326 ng

RT: 11.28 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

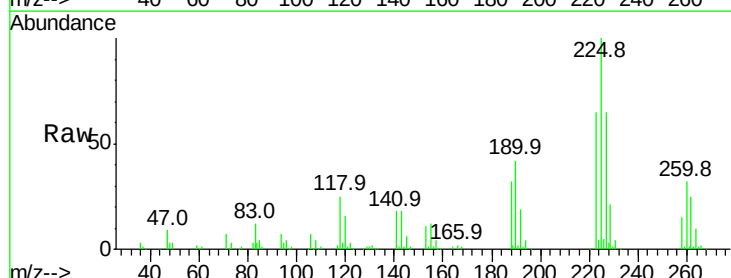
Tgt Ion:225 Resp: 144256

Ion Ratio Lower Upper

225 100

223 65.2 49.7 74.5

227 65.3 48.1 72.1

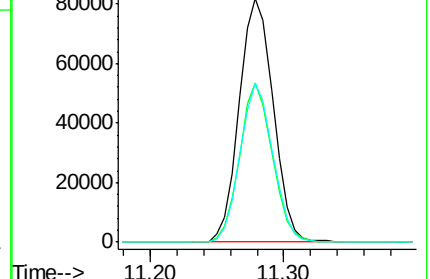
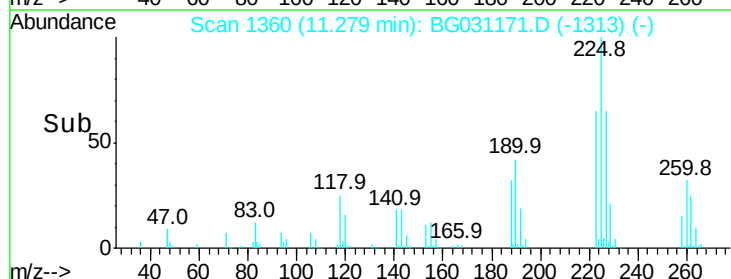


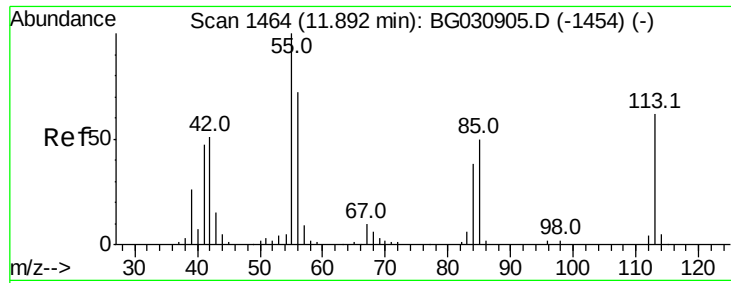
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time--> 11.20 11.30

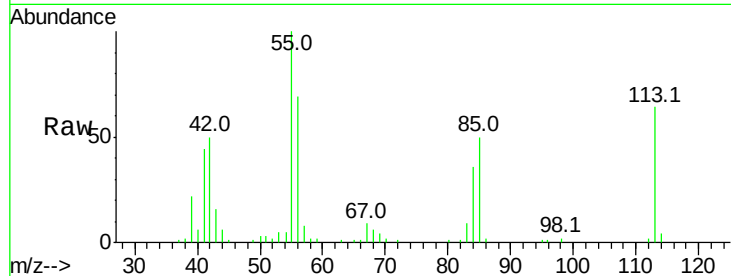




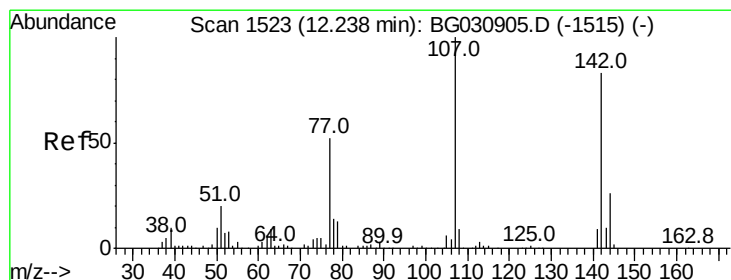
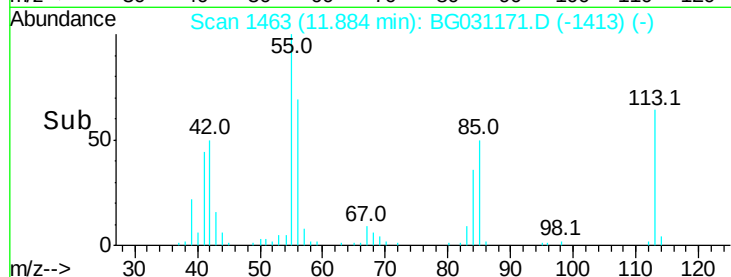
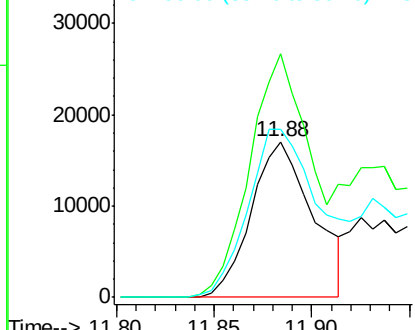
#35
 Caprolactam
 Concen: 21.704 ng
 RT: 11.88 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 37378
 Ion Ratio Lower Upper
 113 100
 55 156.4 186.9 226.9#
 56 108.0 130.9 170.9#

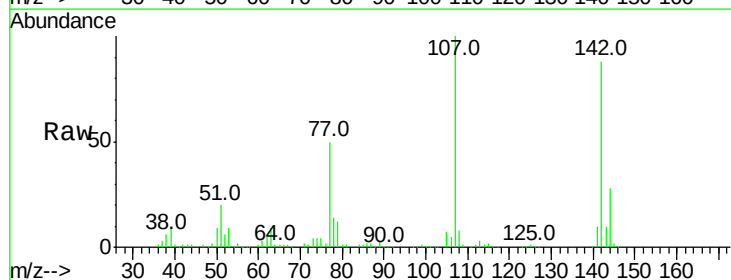


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

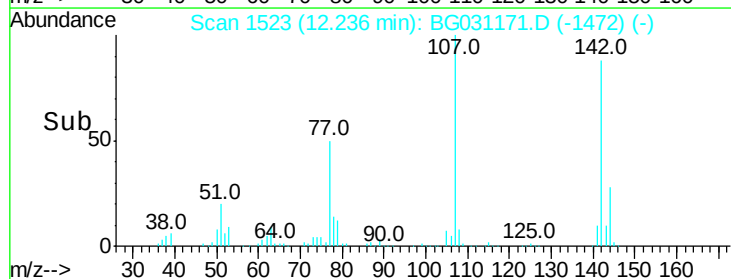
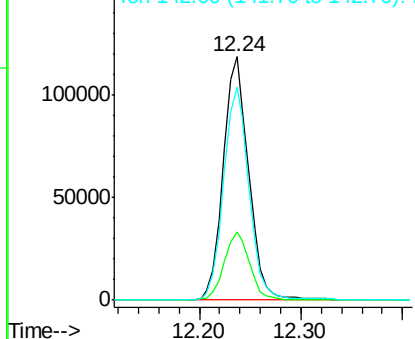


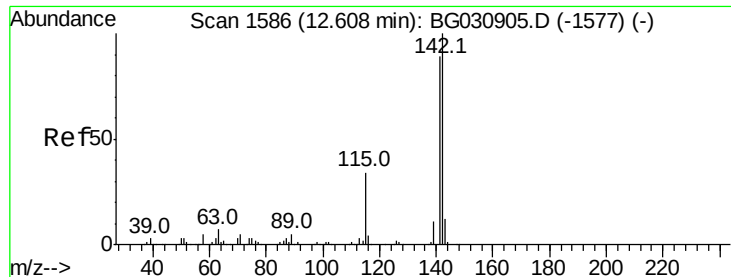
#36
 4-Chloro-3-methylphenol
 Concen: 44.898 ng
 RT: 12.24 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion:107 Resp: 206012
 Ion Ratio Lower Upper
 107 100
 144 27.9 18.2 27.4#
 142 87.7 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

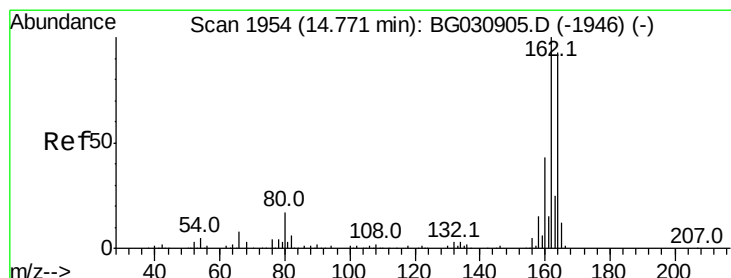
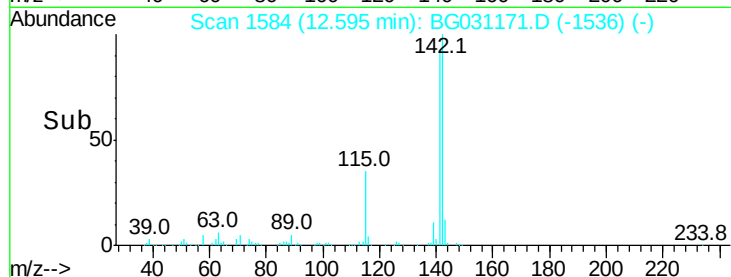
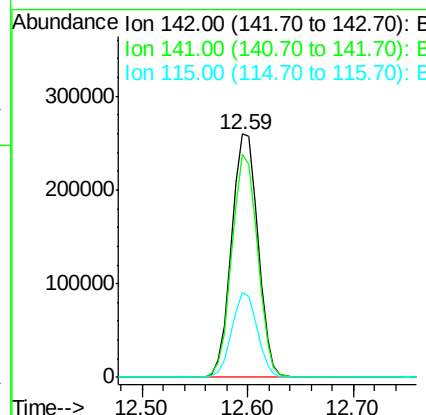
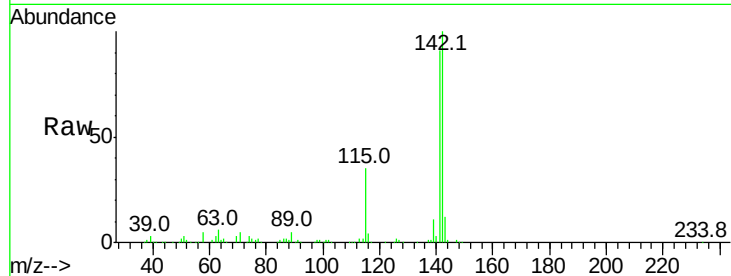




#37
2-Methylnaphthalene
Concen: 44.825 ng
RT: 12.59 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

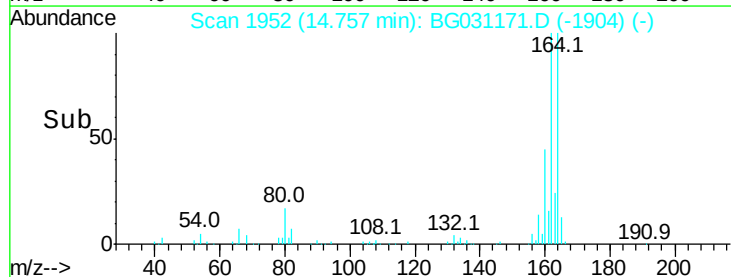
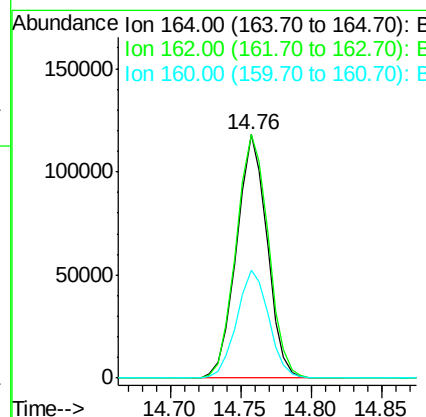
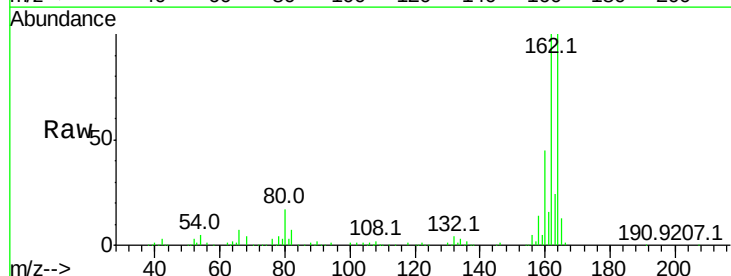
Instrument :
BNA_G
ClientSampleId :

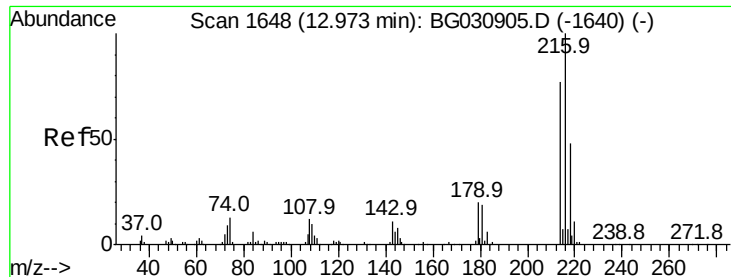
Tot Ion:142 Resp: 447689
Ion Ratio Lower Upper
142 100
141 91.5 67.1 100.7
115 34.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:164 Resp: 177677
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 44.5 35.4 53.0

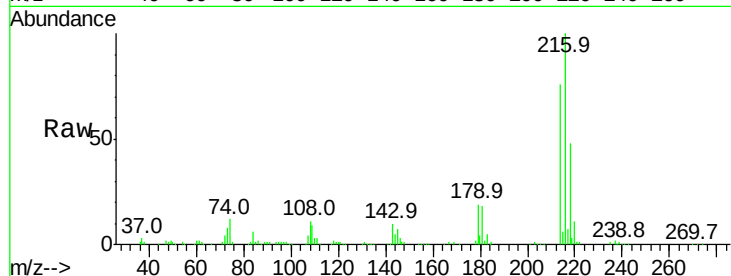




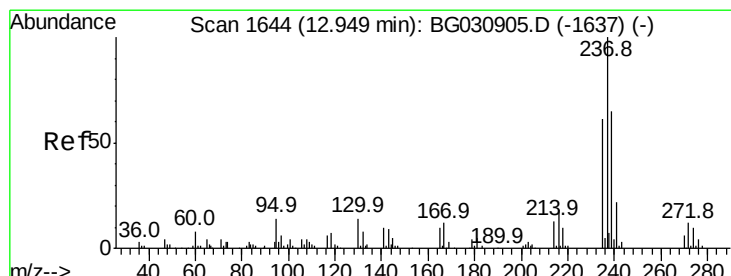
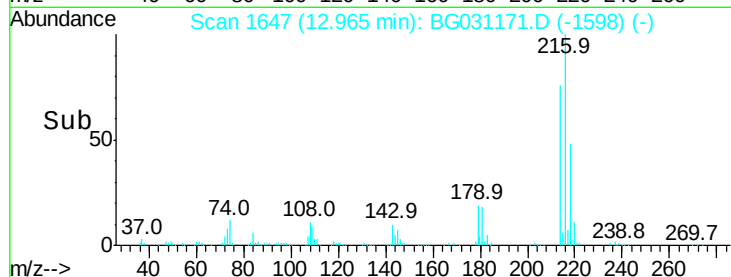
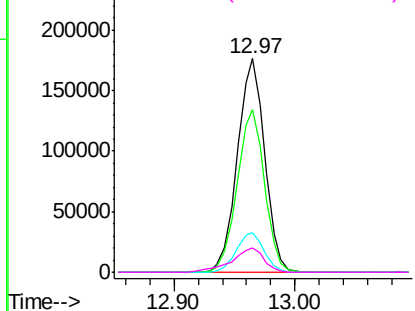
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.340 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	277424
Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.0	94.4
179	18.9	17.0	25.6
108	13.5	12.8	19.2

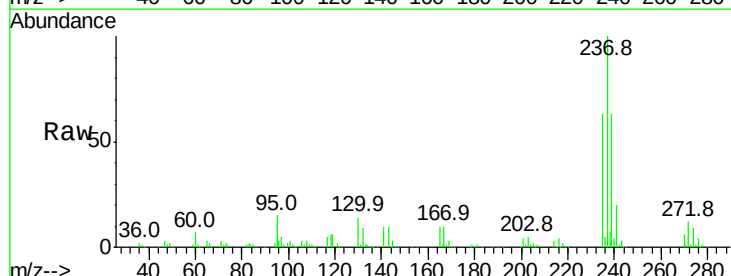


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

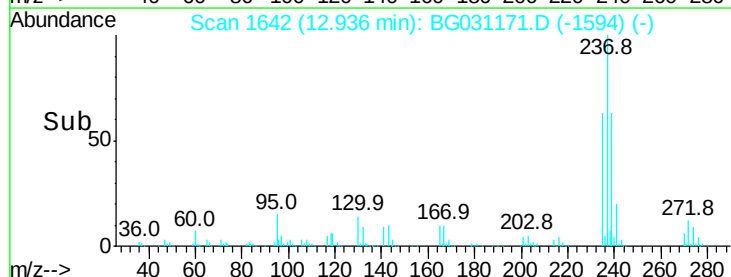
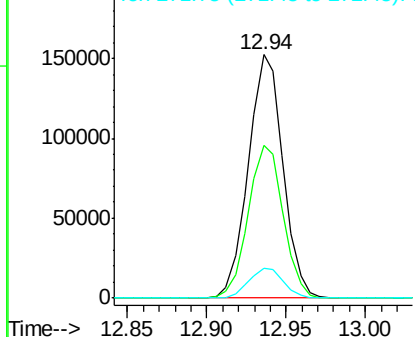


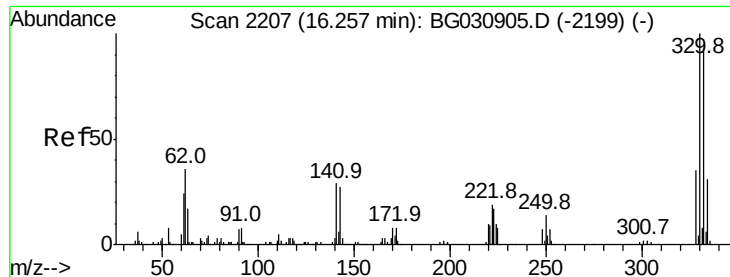
#40
 Hexachlorocyclopentadiene
 Concen: 87.258 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion:	237	Resp:	230487
Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.4	90.4
272	12.0	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

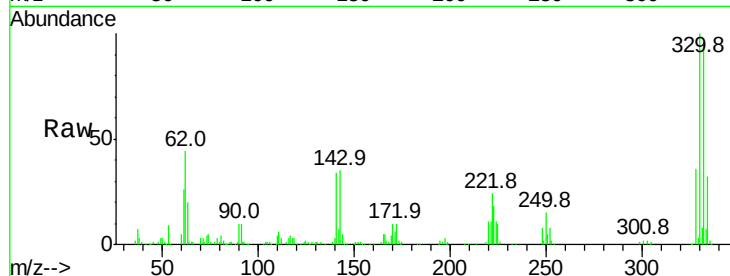




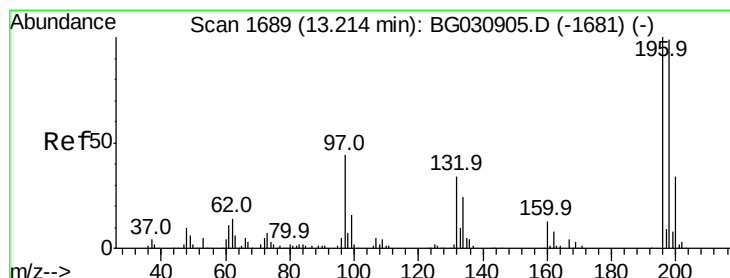
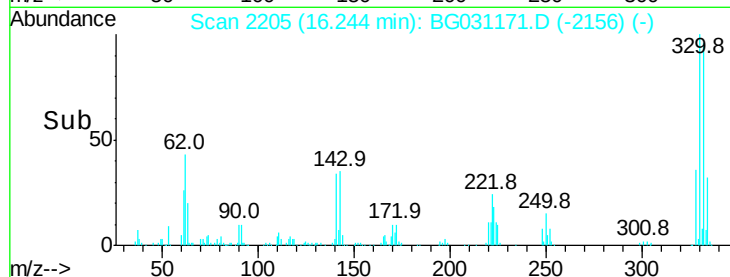
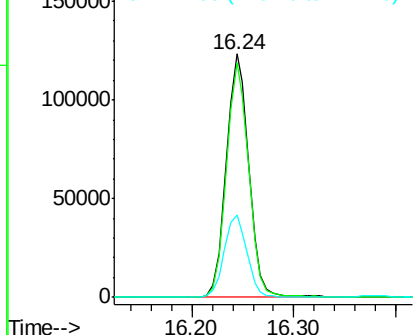
#41
 2,4,6-Tribromophenol
 Concen: 66.110 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	34.5	25.2	37.8

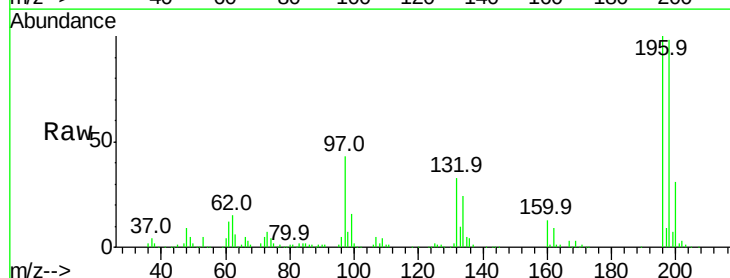


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

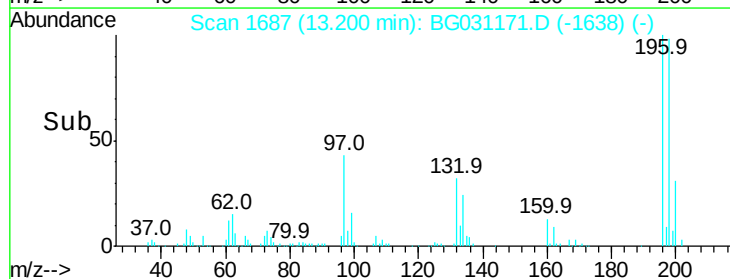
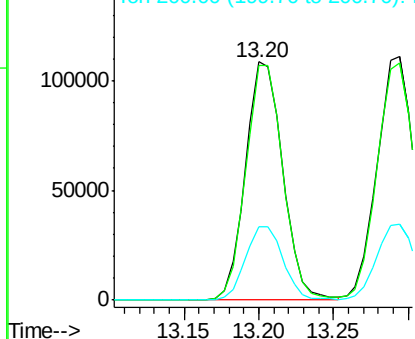


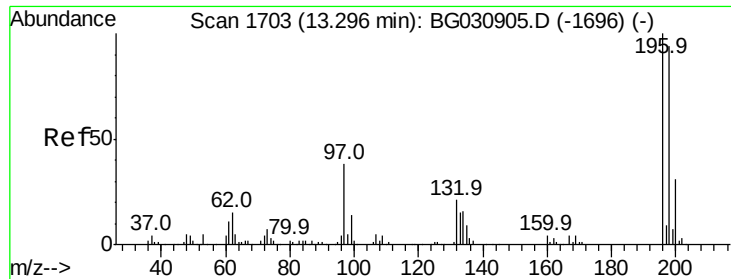
#42
 2,4,6-Trichlorophenol
 Concen: 46.327 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	78.2	117.2
200	31.0	24.6	36.8



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

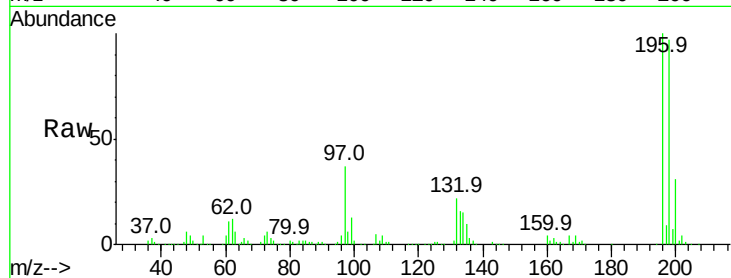




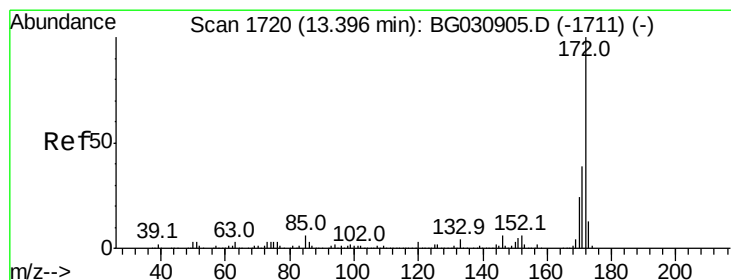
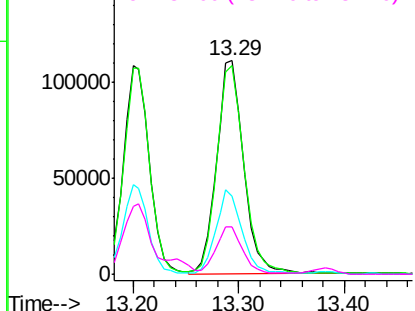
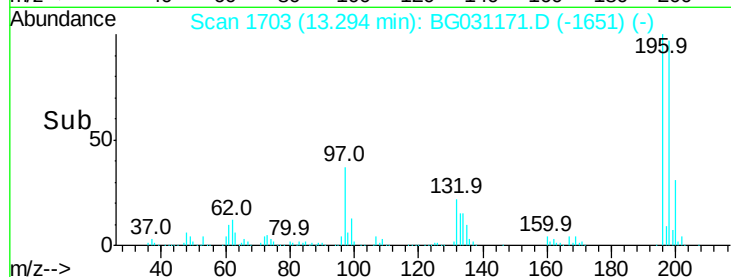
#43
 2,4,5-Trichlorophenol
 Concen: 45.083 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. 0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.2	114.4
97	36.8	38.7	58.1
132	22.5	20.2	30.2

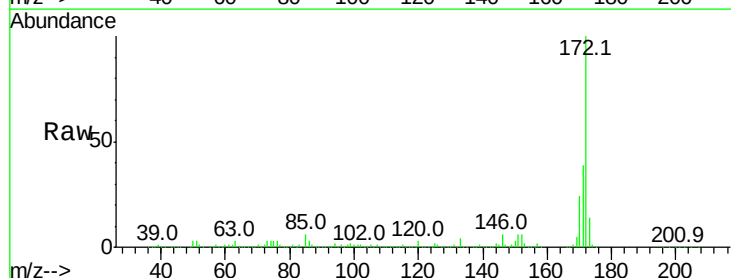


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

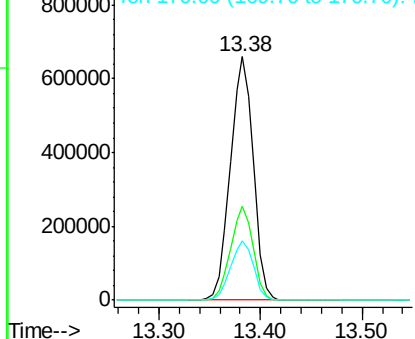
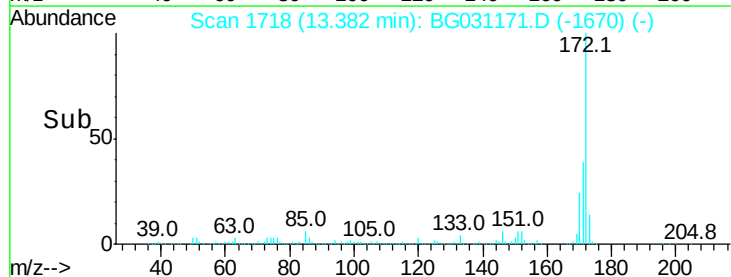


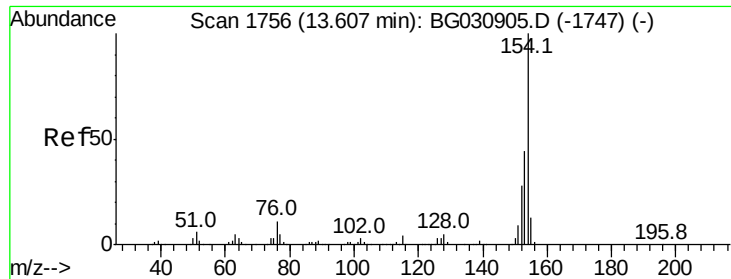
#44
 2-Fluorobiphenyl
 Concen: 83.044 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	24.2	19.5	29.3



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

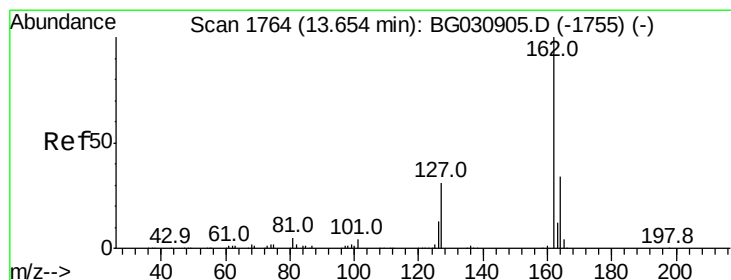
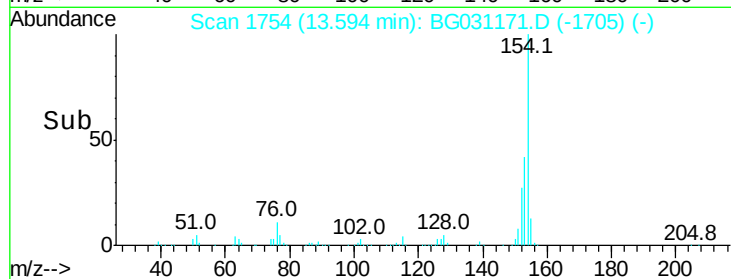
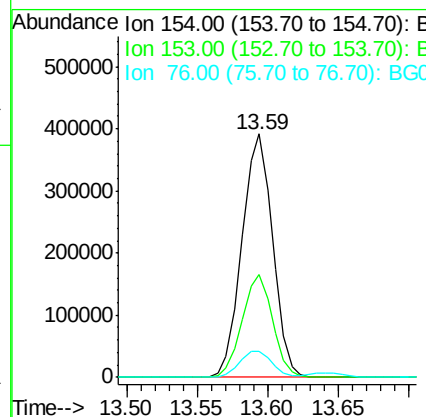
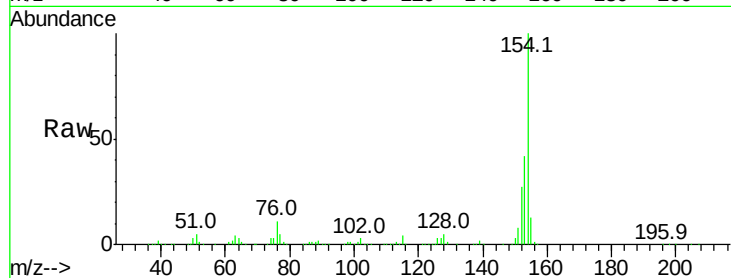




#45
 1,1'-Biphenyl
 Concen: 40.333 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

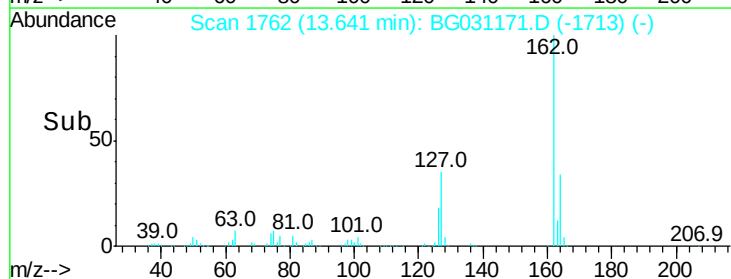
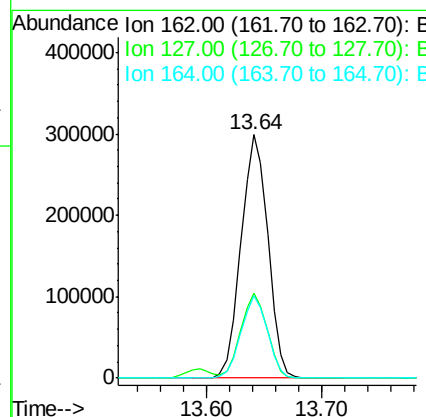
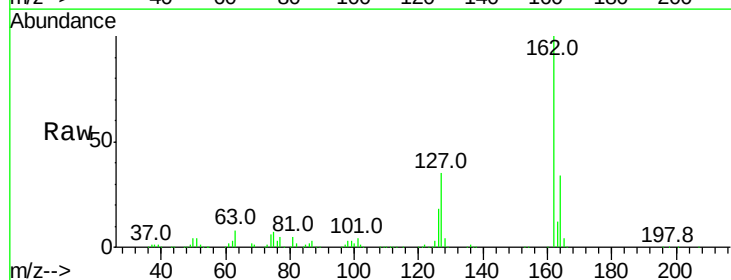
Instrument :
 BNA_G
 ClientSampleId :

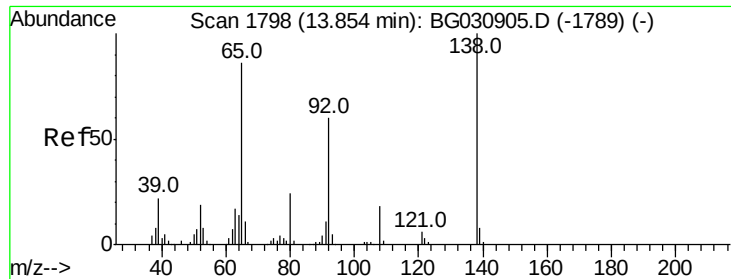
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	10.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 45.251 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.7	46.1
164	33.7	26.0	39.0

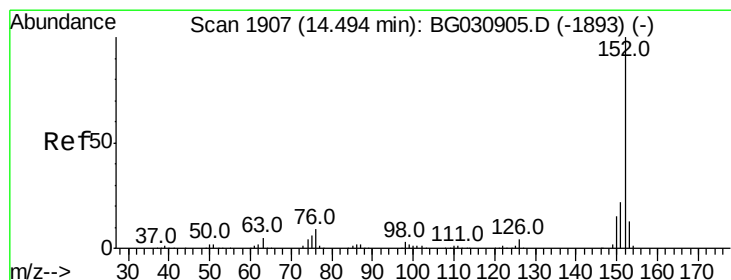
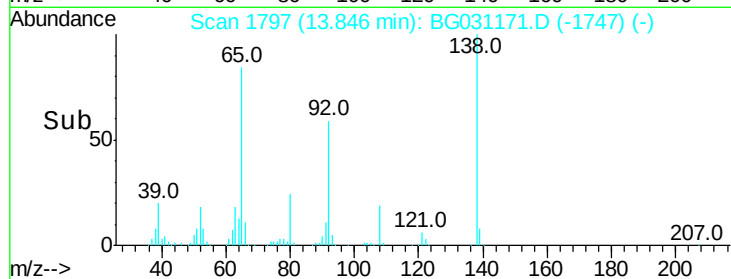
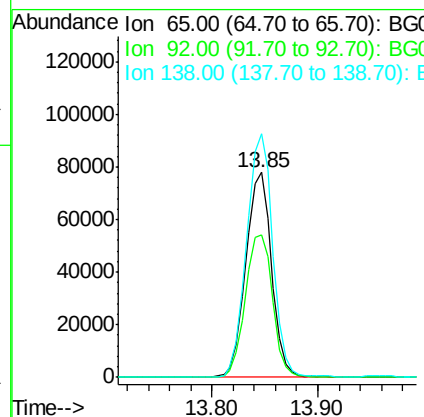
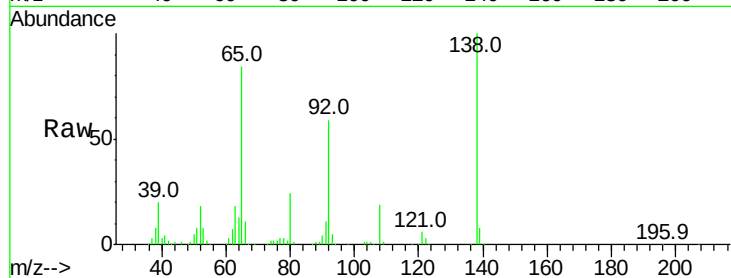




#47
2-Nitroaniline
Concen: 41.939 ng
RT: 13.85 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

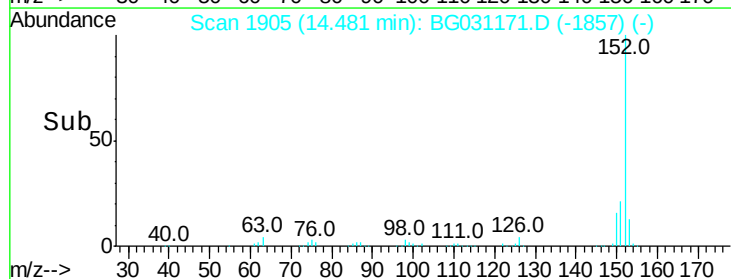
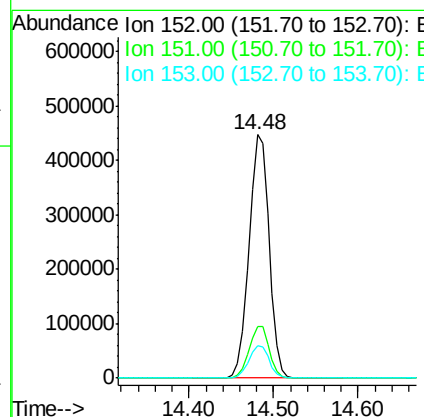
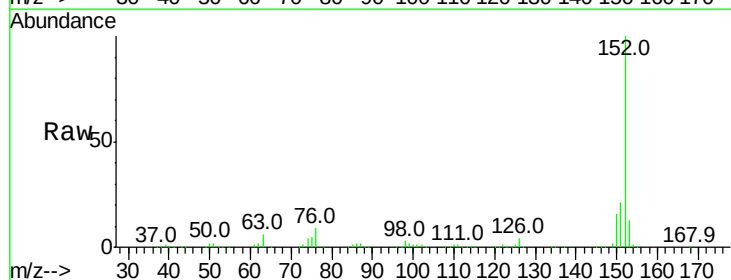
Instrument :
BNA_G
ClientSampled :

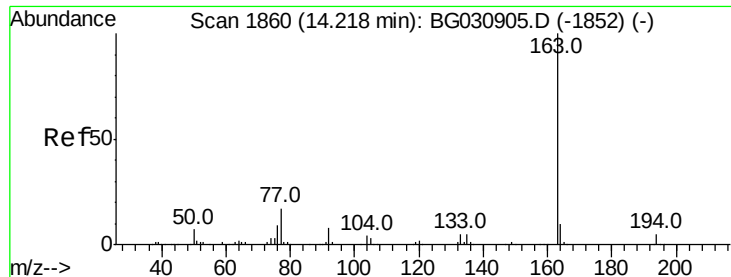
Tot Ion: 65 Resp: 132141
Ion Ratio Lower Upper
65 100
92 69.9 54.6 82.0
138 118.9 72.9 109.3#



#48
Acenaphthylene
Concen: 42.263 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion: 152 Resp: 735325
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 41.326 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampled :

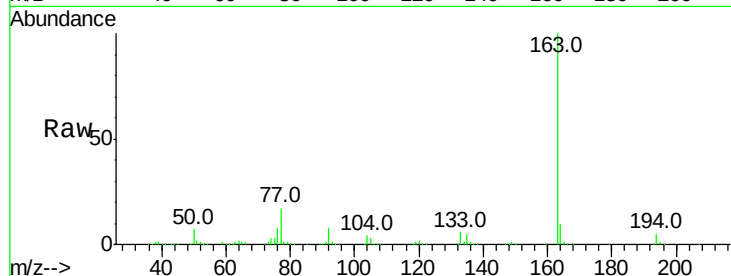
Tot Ion:163 Resp: 634874

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

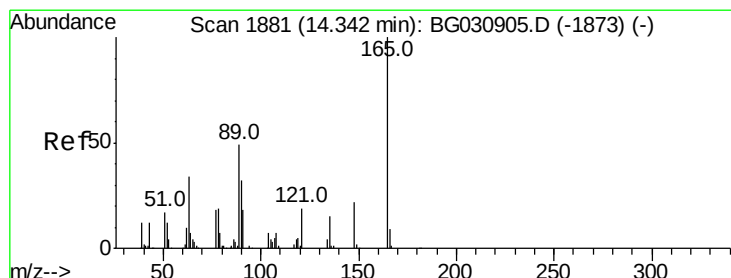
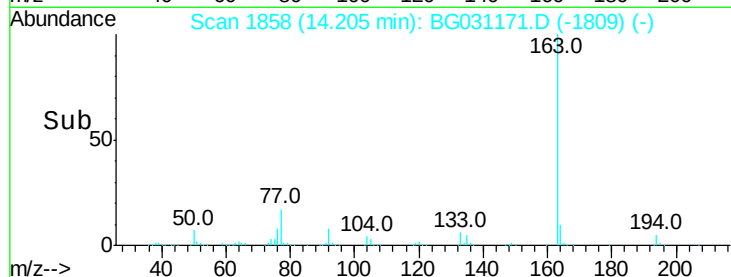
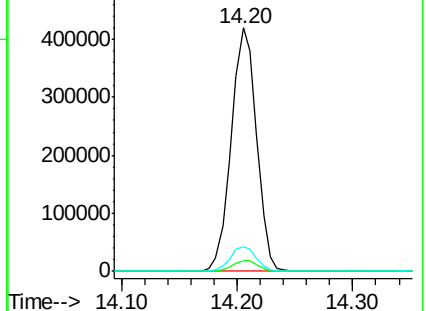
164 10.2 8.2 12.4



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: 45.673 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

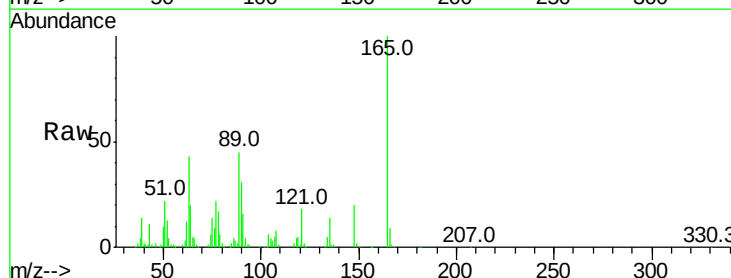
Tgt Ion:165 Resp: 144623

Ion Ratio Lower Upper

165 100

63 43.5 52.7 79.1#

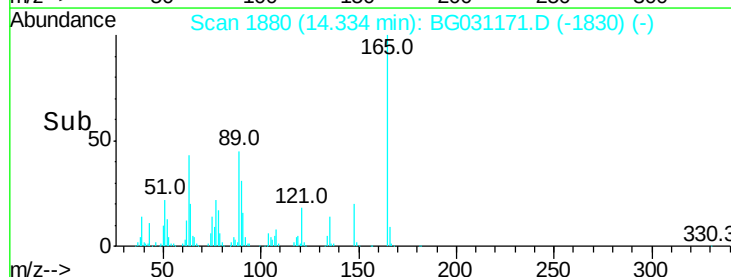
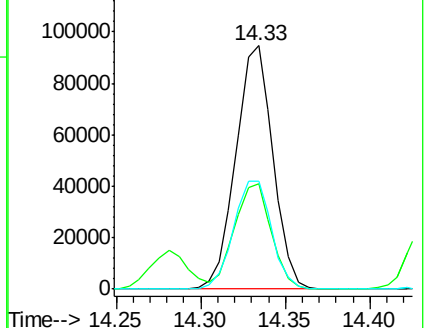
89 44.6 49.2 73.8#

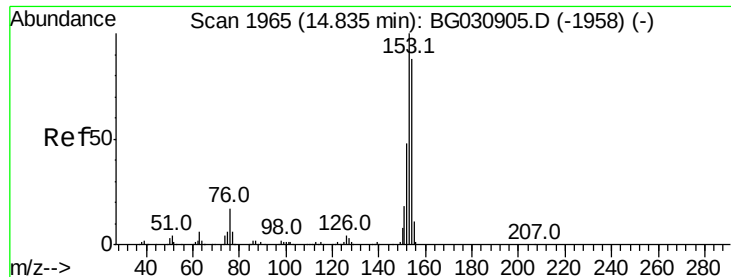


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.843 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

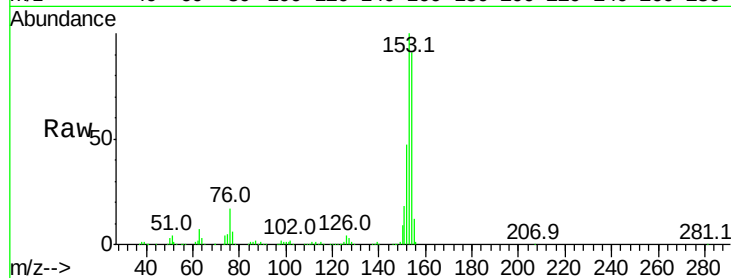
Tot Ion:154 Resp: 454673

Ion Ratio Lower Upper

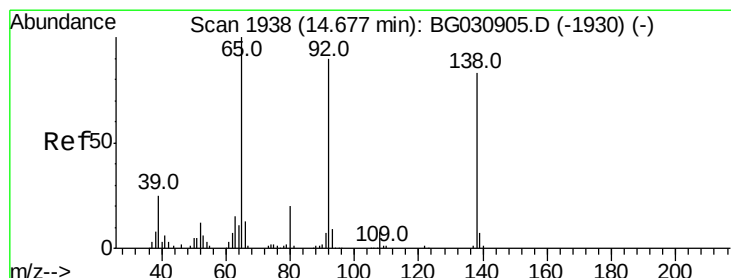
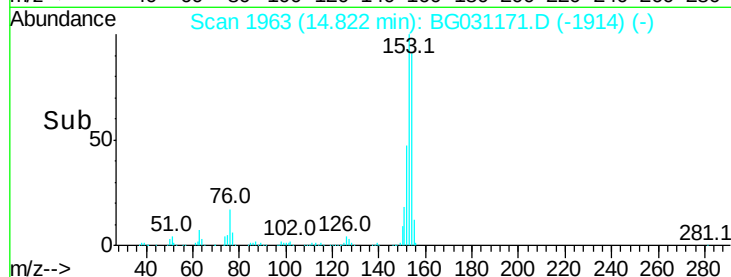
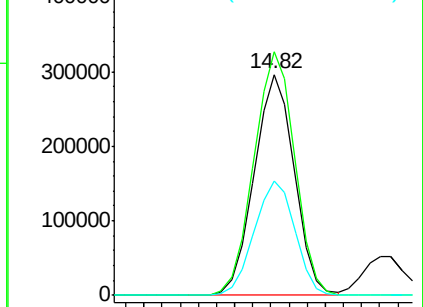
154 100

153 110.1 90.4 135.6

152 51.8 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: 30.041 ng

RT: 14.67 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

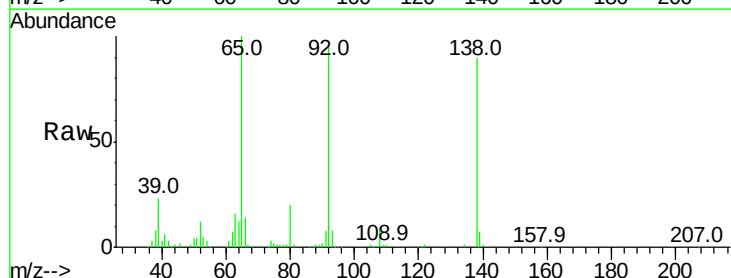
Tgt Ion:138 Resp: 101003

Ion Ratio Lower Upper

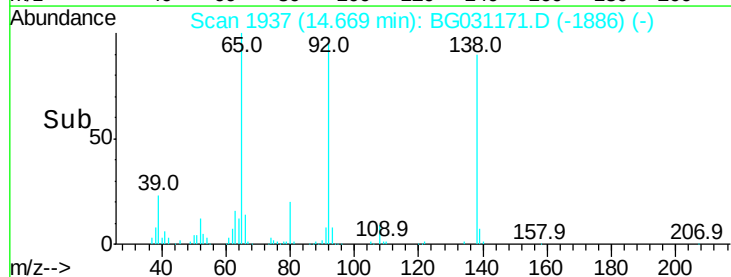
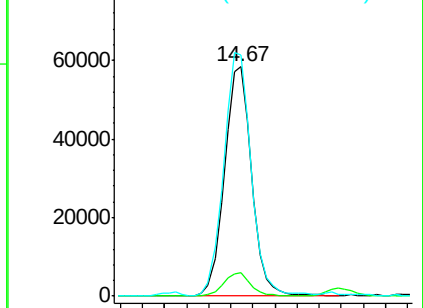
138 100

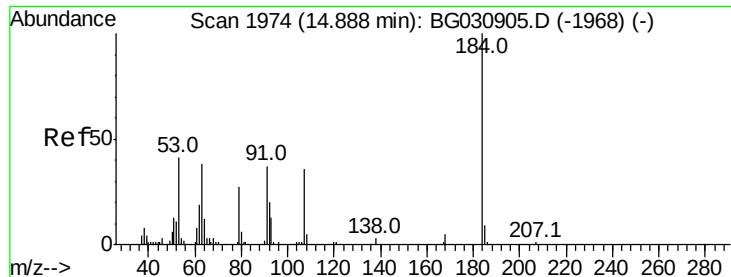
108 10.3 17.5 26.3#

92 105.1 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

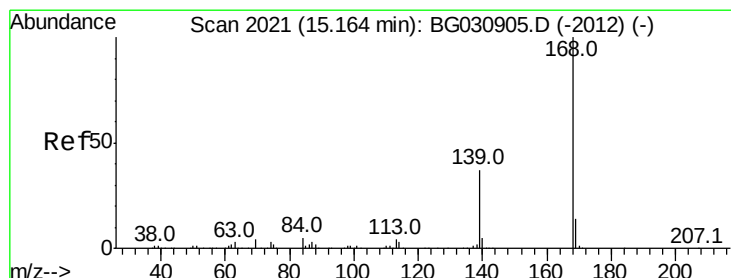
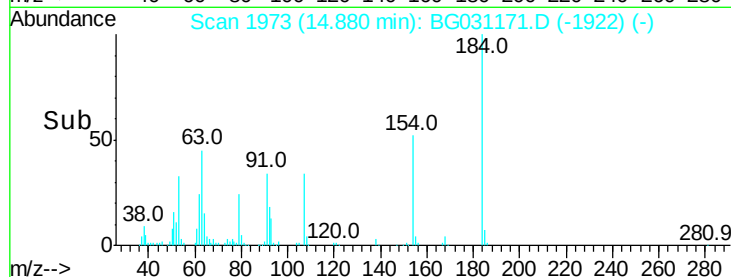
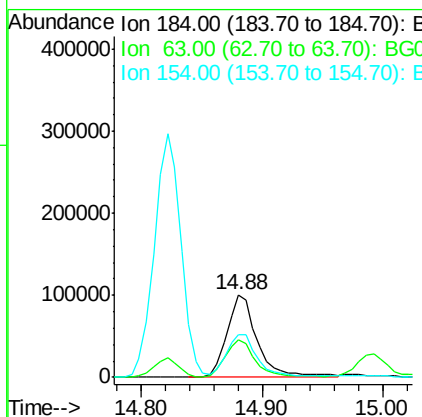
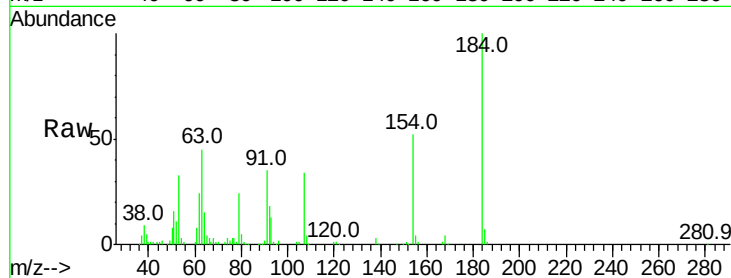




#53
2,4-Dinitrophenol
Concen: 99.495 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

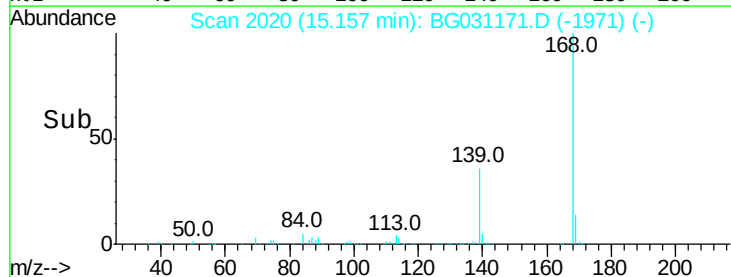
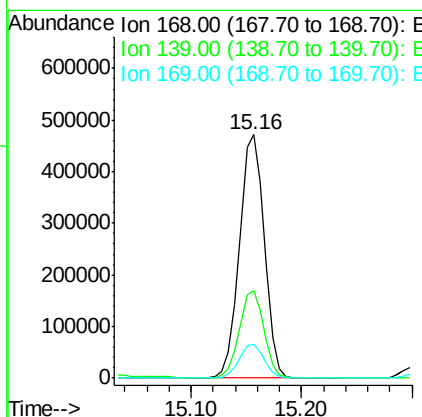
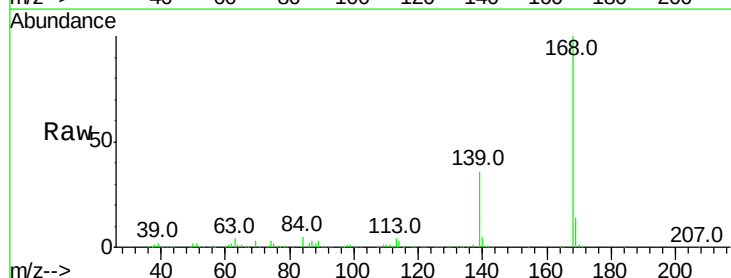
Instrument :
BNA_G
ClientSampleId :

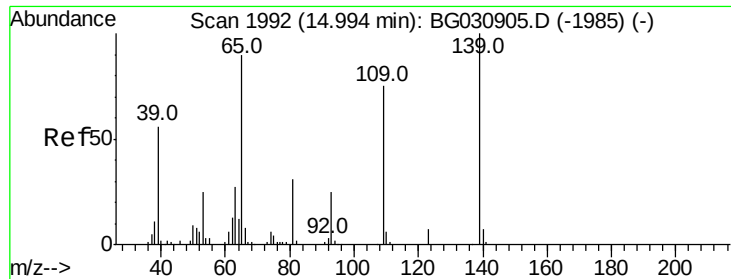
Tot Ion:184 Resp: 176011
Ion Ratio Lower Upper
184 100
63 45.0 59.8 89.8#
154 52.1 101.8 152.8#



#54
Dibenzofuran
Concen: 43.044 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:168 Resp: 745003
Ion Ratio Lower Upper
168 100
139 35.7 28.6 43.0
169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 84.667 ng

RT: 14.99 min Scan# 1992

Delta R.T. 0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

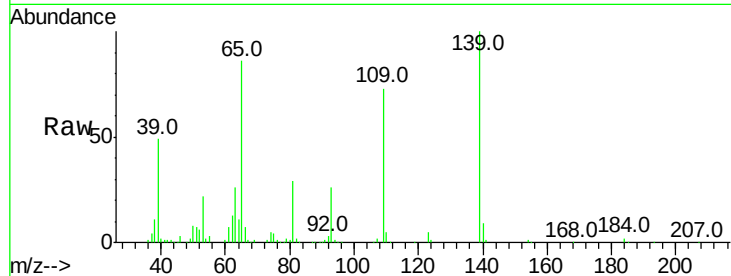
Tot Ion:139 Resp: 202781

Ion Ratio Lower Upper

139 100

109 72.9 62.2 102.2

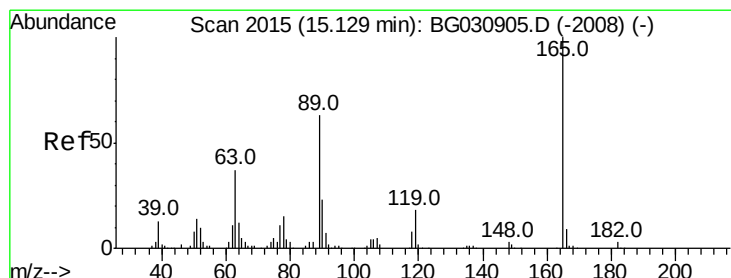
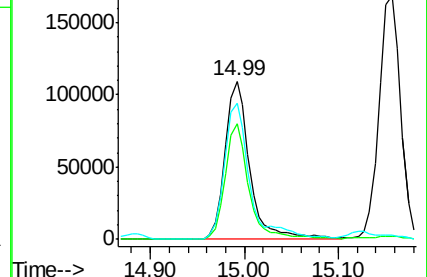
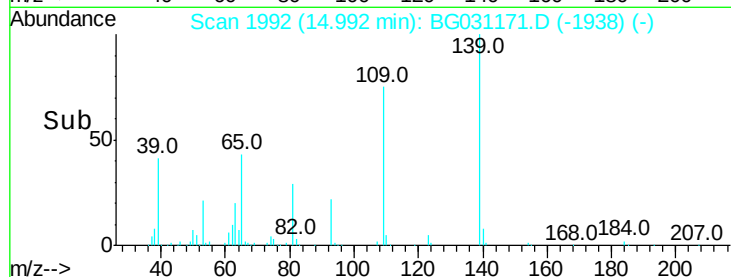
65 86.1 97.2 137.2#



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: 45.392 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:165 Resp: 207789

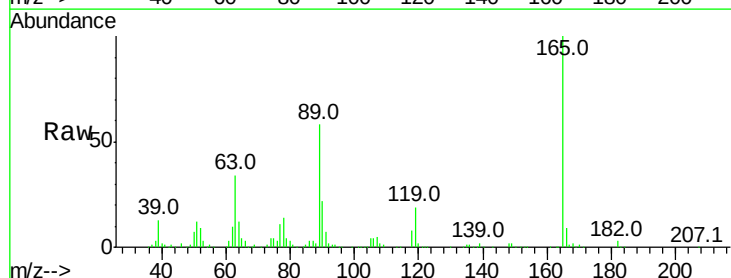
Ion Ratio Lower Upper

165 100

63 34.2 42.0 63.0#

89 58.3 66.9 100.3#

182 3.0 2.6 3.8

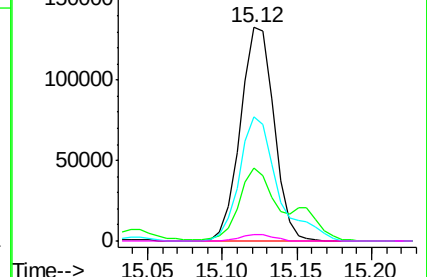
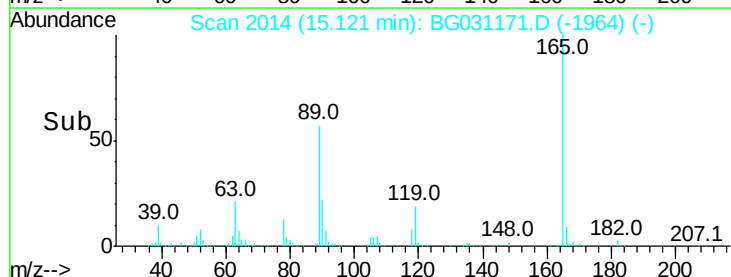


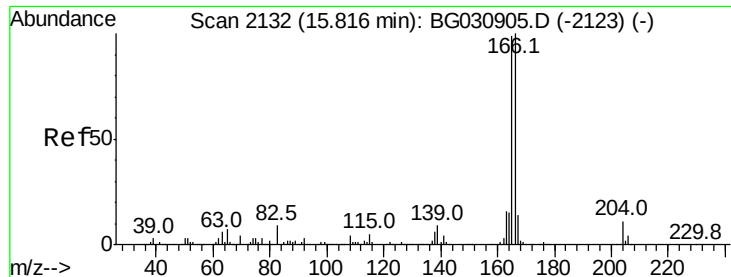
Abundance Ion 165.00 (164.70 to 165.70): E

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

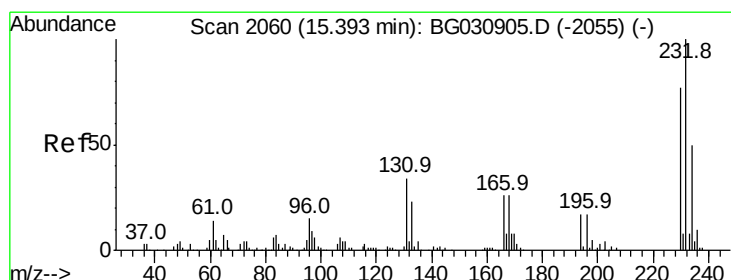
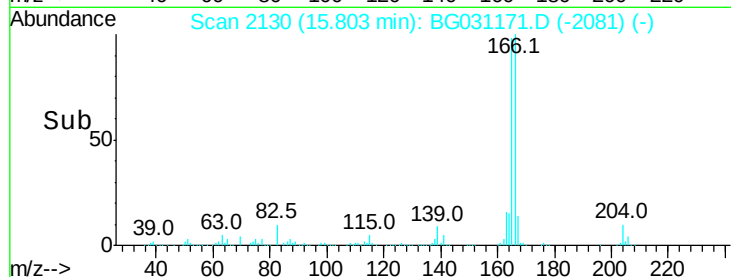
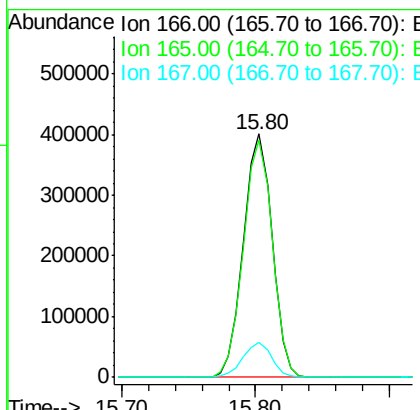
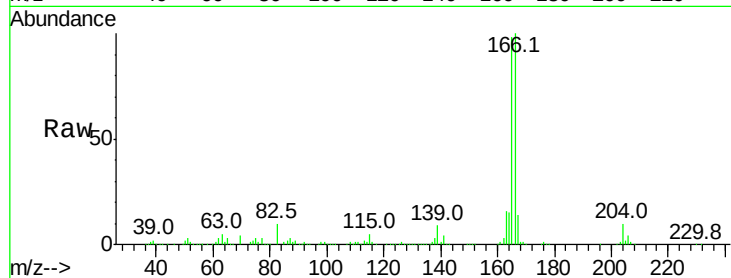




#57
 Fluorene
 Concen: 42.482 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

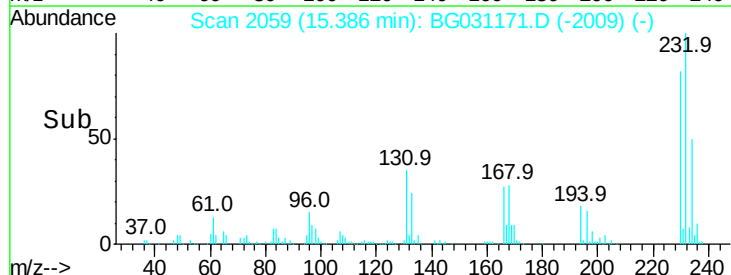
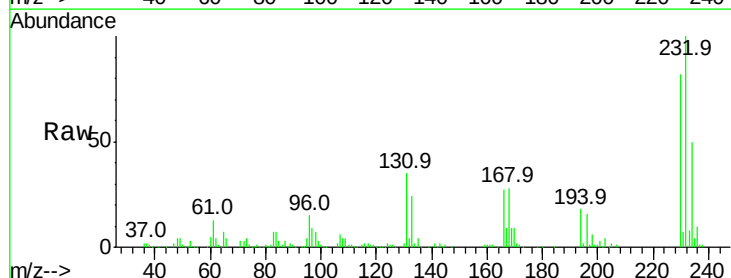
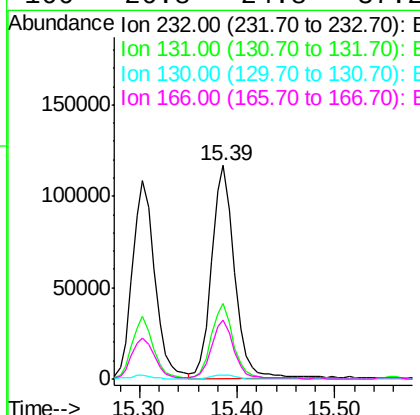
Instrument :
 BNA_G
 ClientSampled :

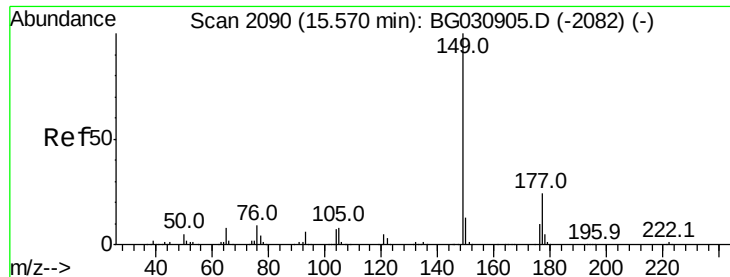
Tot Ion:166 Resp: 596944
 Ion Ratio Lower Upper
 166 100
 165 97.7 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.842 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion:232 Resp: 188507
 Ion Ratio Lower Upper
 232 100
 131 34.2 33.5 50.3
 130 2.0 2.2 3.2#
 166 26.8 24.8 37.2





#59

Diethylphthalate

Concen: 40.511 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

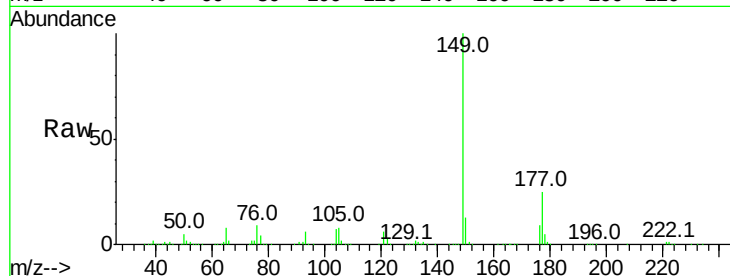
Tot Ion:149 Resp: 632182

Ion Ratio Lower Upper

149 100

177 24.8 18.5 27.7

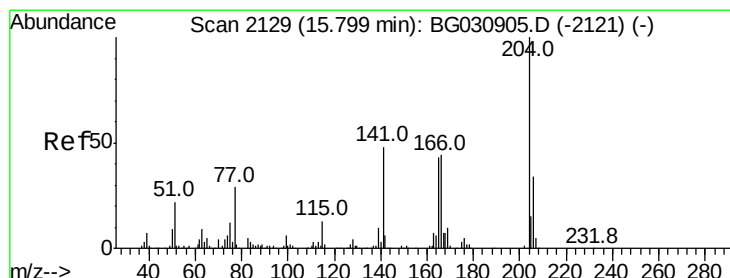
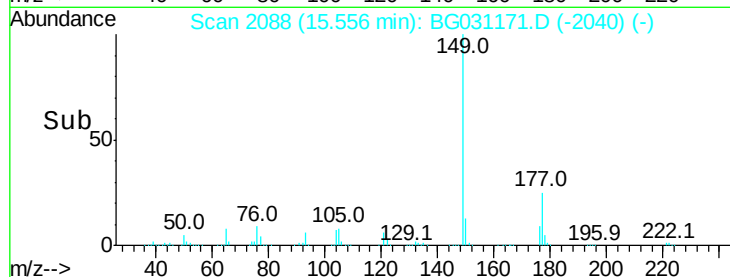
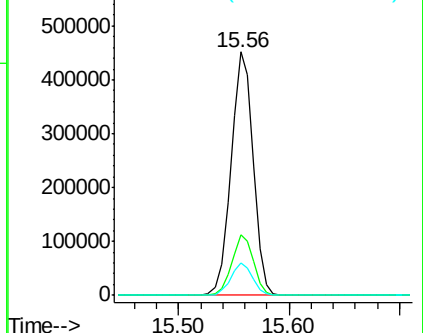
150 13.2 10.2 15.2



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: 41.779 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

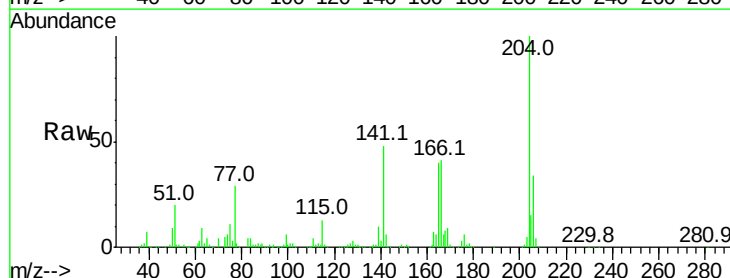
Tgt Ion:204 Resp: 354552

Ion Ratio Lower Upper

204 100

206 34.3 26.2 39.2

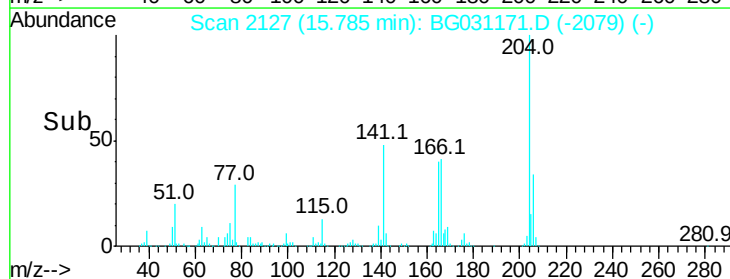
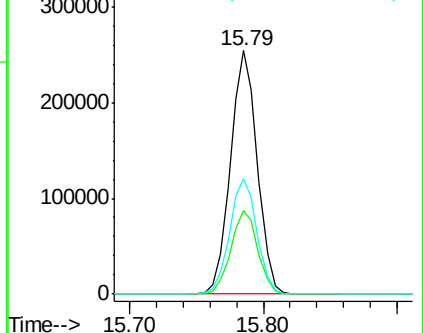
141 47.5 45.8 68.6

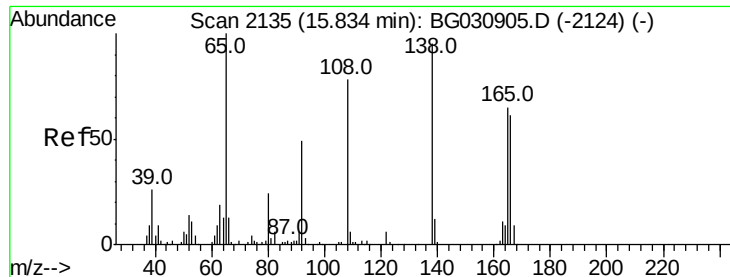


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.384 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

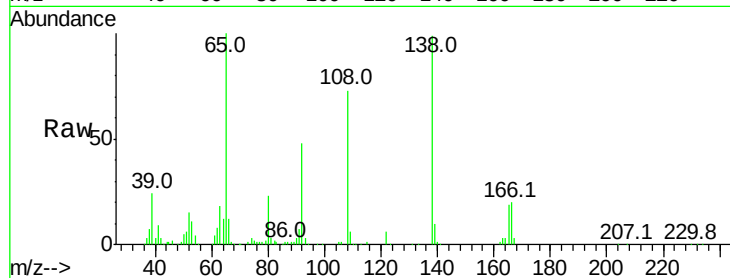
Tot Ion:138 Resp: 150896

Ion Ratio Lower Upper

138 100

92 48.3 40.1 80.1

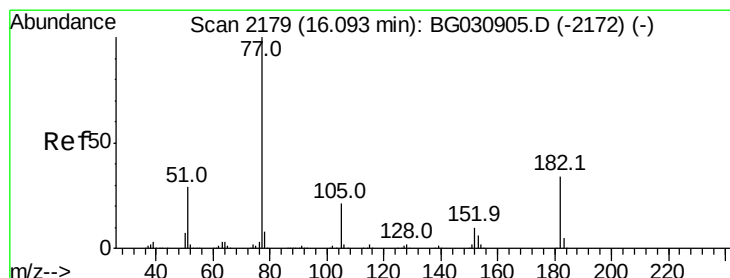
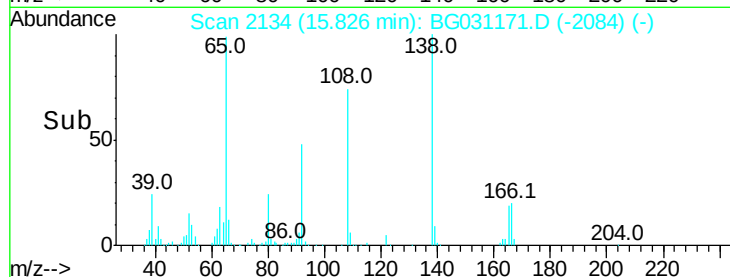
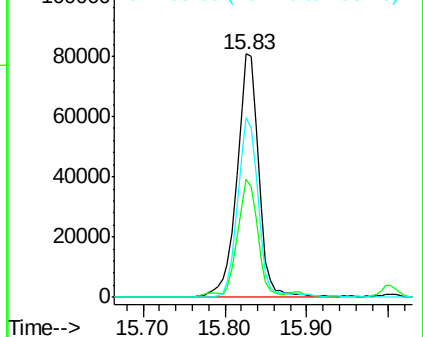
108 73.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.470 ng

RT: 16.08 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion: 77 Resp: 505445

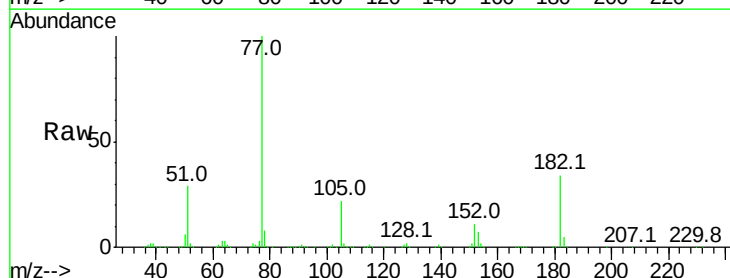
Ion Ratio Lower Upper

77 100

182 33.5 7.4 47.4

105 21.6 0.3 40.3

51 29.1 11.6 51.6

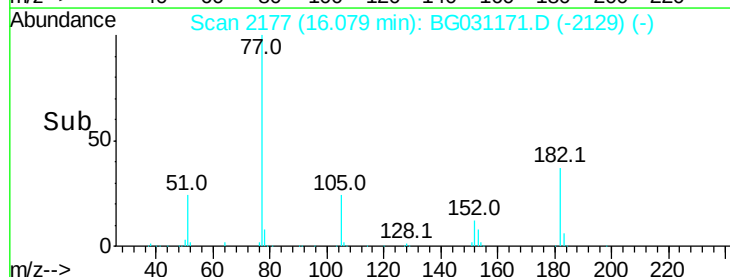
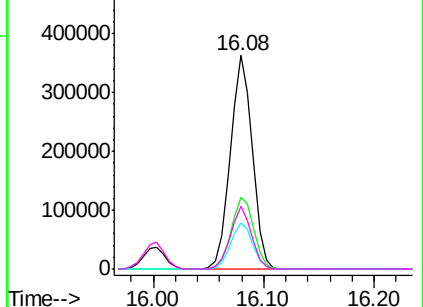


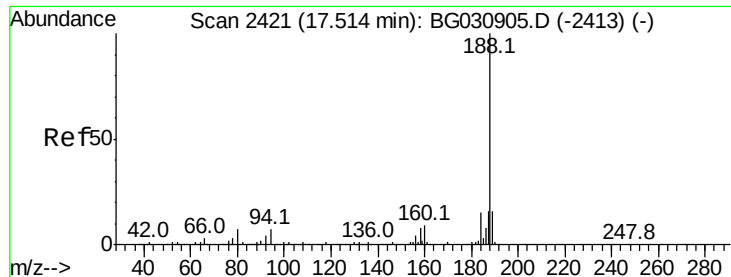
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

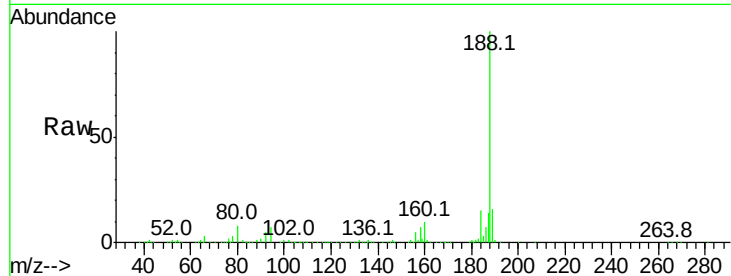
Tot Ion:188 Resp: 442039

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

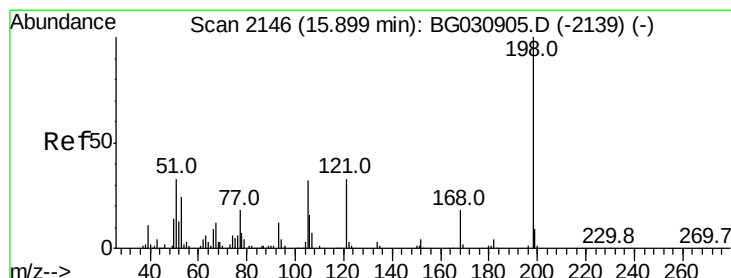
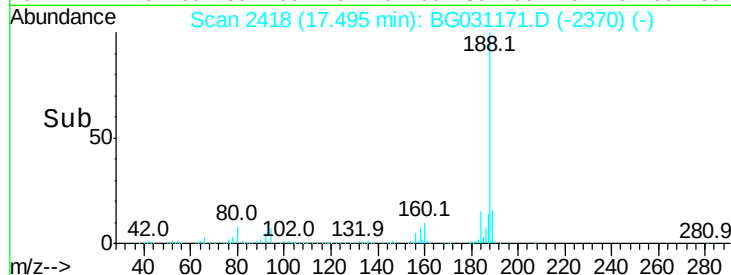
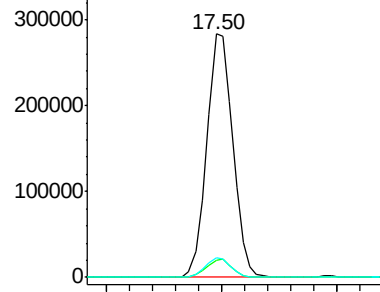
80 8.3 7.7 11.5



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: 42.532 ng

RT: 15.89 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

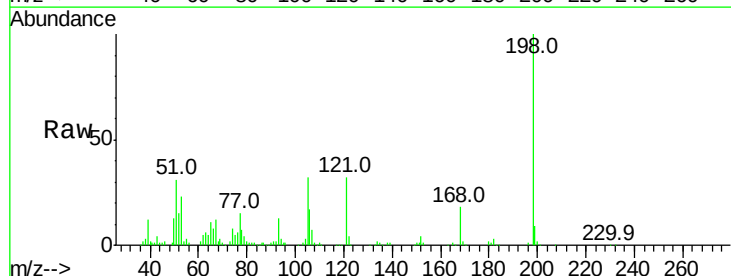
Tgt Ion:198 Resp: 124967

Ion Ratio Lower Upper

198 100

51 30.9 30.6 70.6

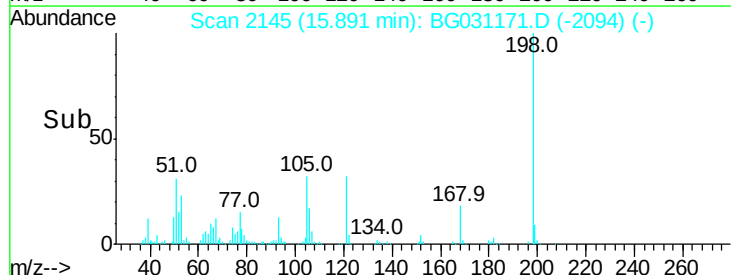
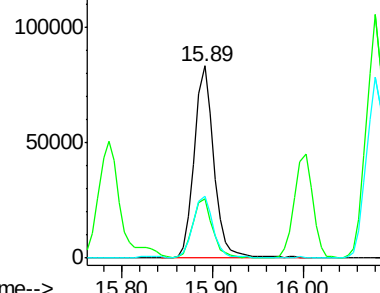
105 31.9 23.8 63.8

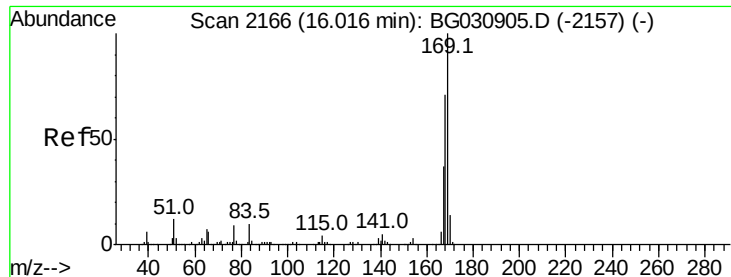


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

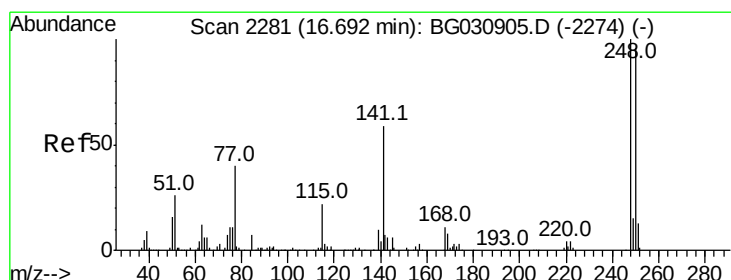
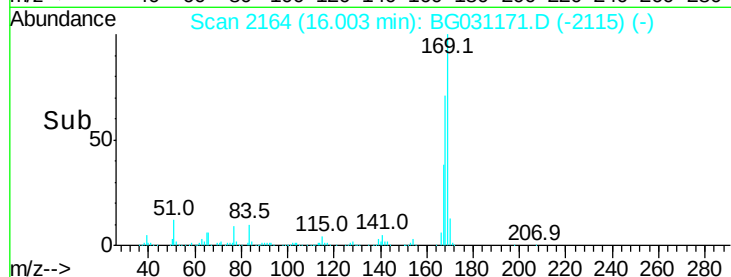
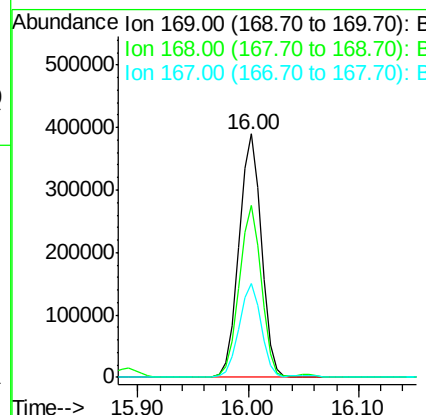
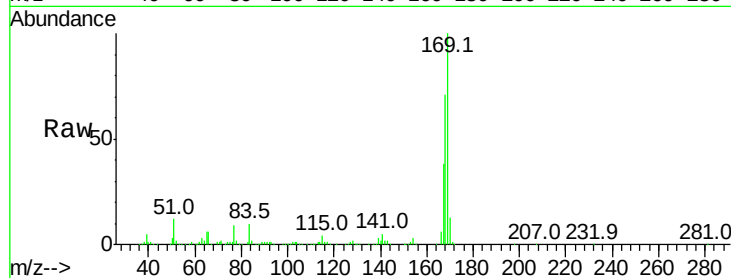




#65
 n-Nitrosodiphenylamine
 Concen: 41.599 ng
 RT: 16.00 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

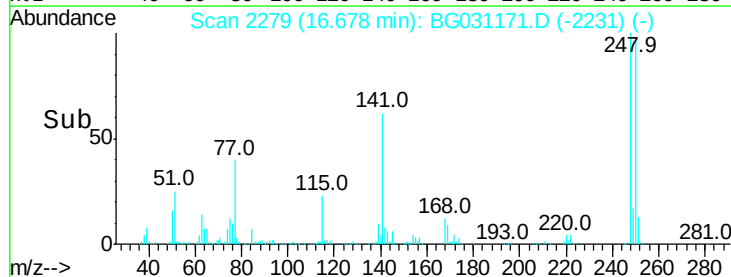
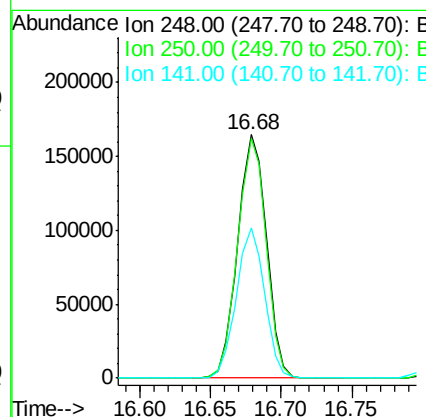
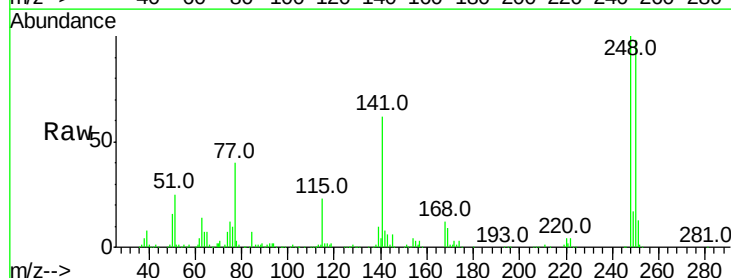
Instrument :
 BNA_G
 ClientSampleId :

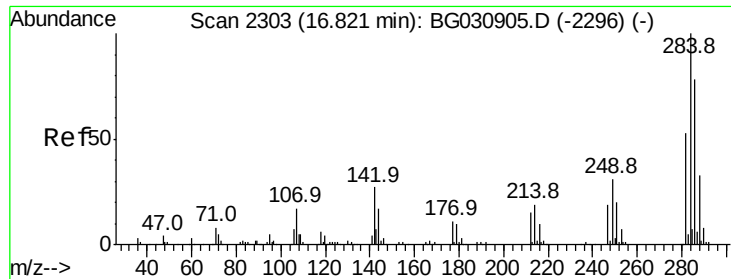
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.7	83.5
167	38.4	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 41.976 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	61.9	50.8	76.2





#67

Hexachlorobenzene

Concen: 40.063 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

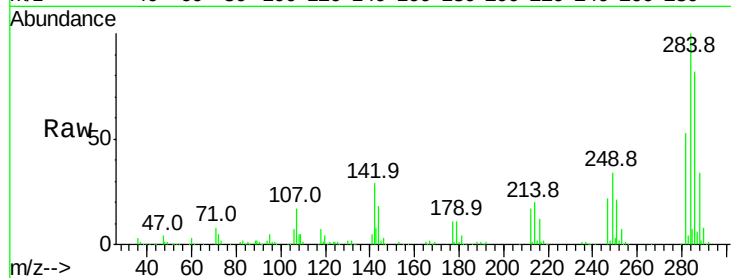
Tot Ion:284 Resp: 238328

Ion Ratio Lower Upper

284 100

142 28.8 26.8 40.2

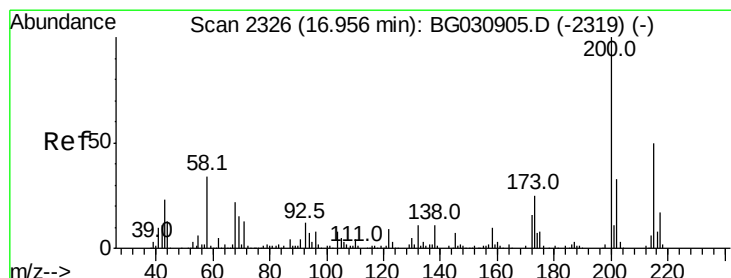
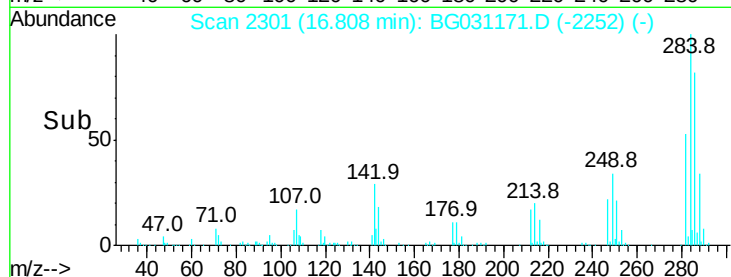
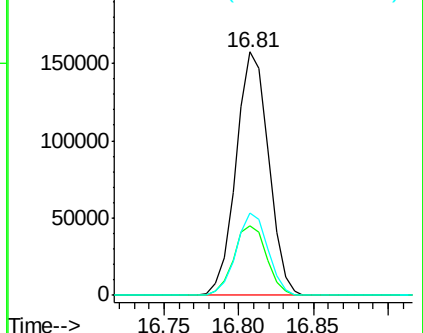
249 34.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.674 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

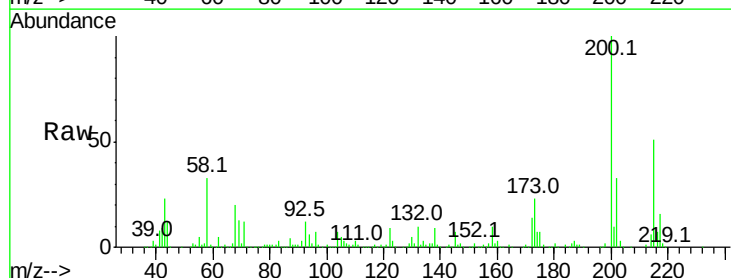
Tgt Ion:200 Resp: 208212

Ion Ratio Lower Upper

200 100

173 22.5 5.2 45.2

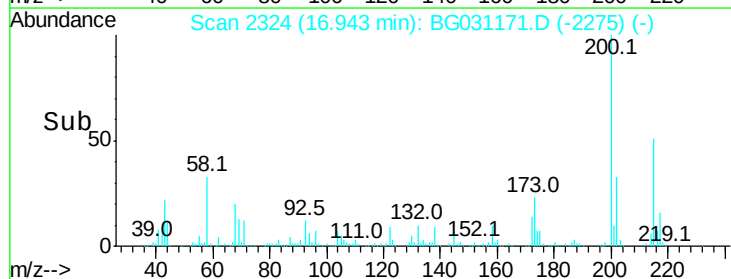
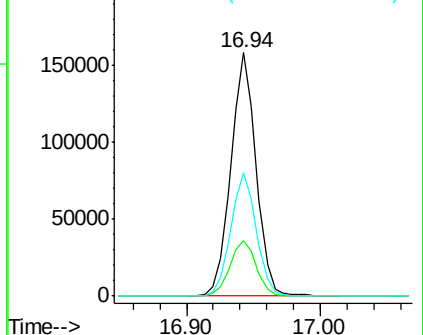
215 50.6 30.4 70.4

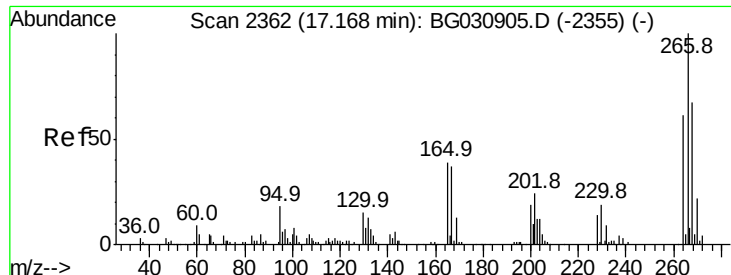


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

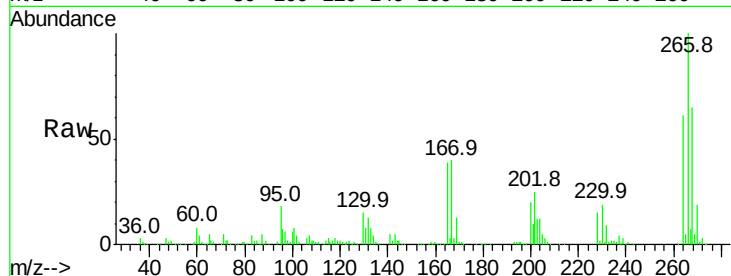




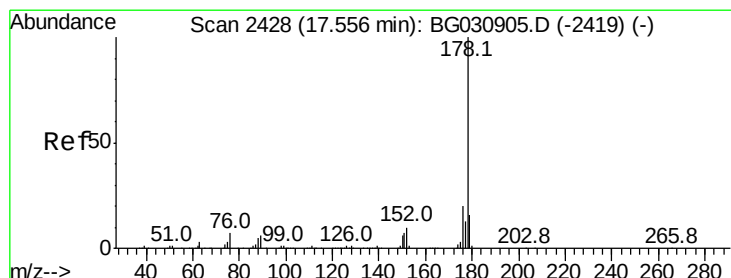
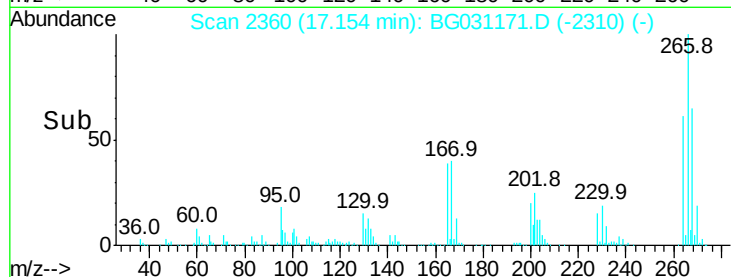
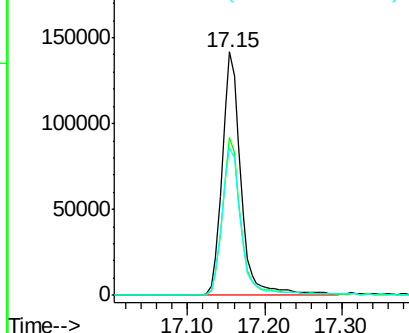
#69
 Pentachlorophenol
 Concen: 73.325 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	60.5	49.6	74.4

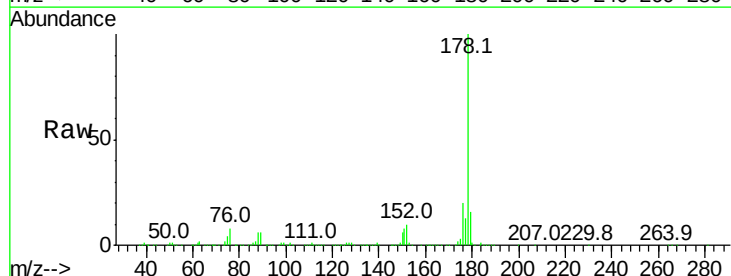


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

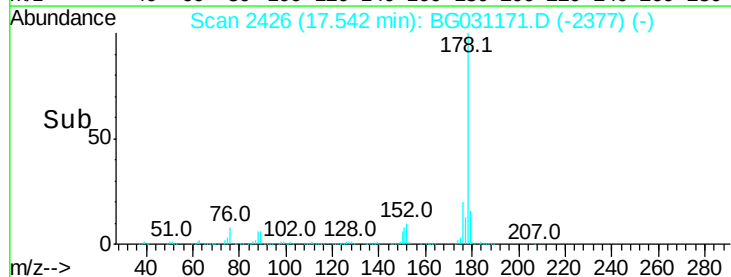
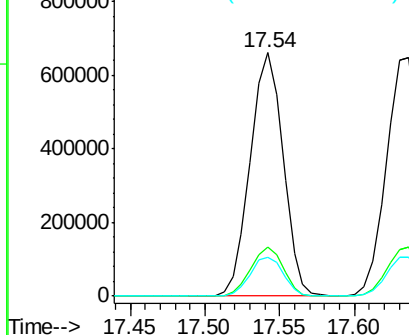


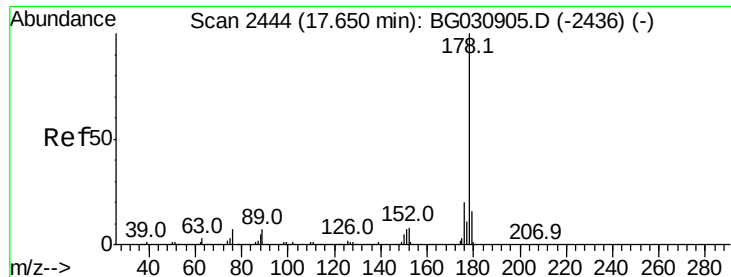
#70
 Phenanthrene
 Concen: 43.768 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.1	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

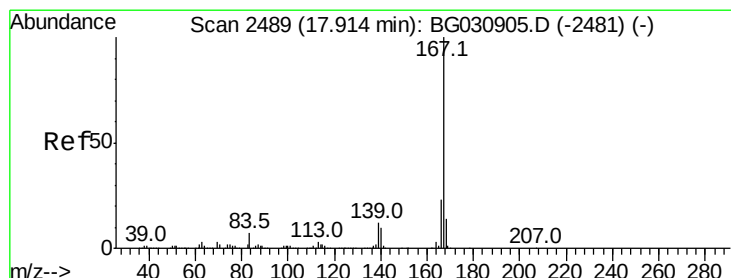
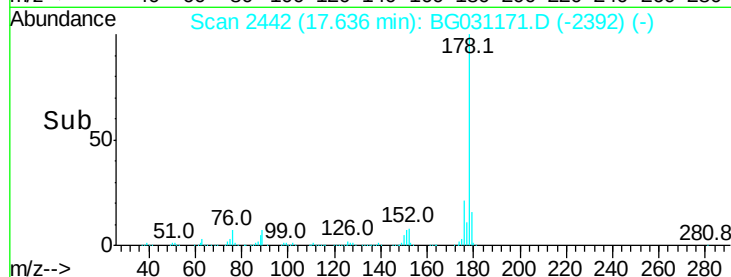
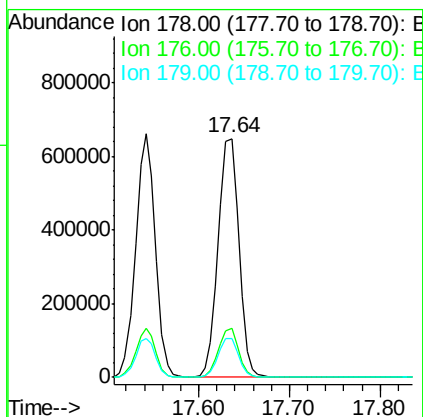
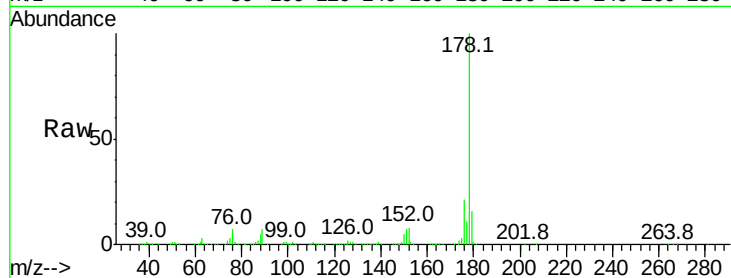




#71
 Anthracene
 Concen: 44.803 ng
 RT: 17.64 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

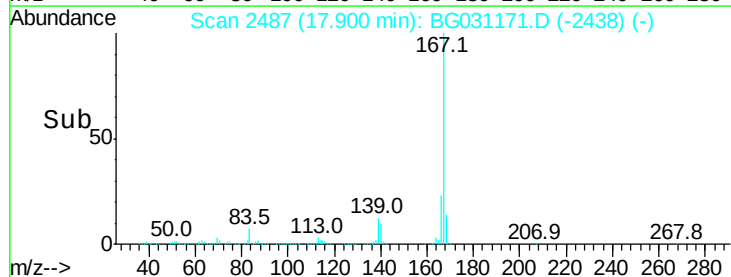
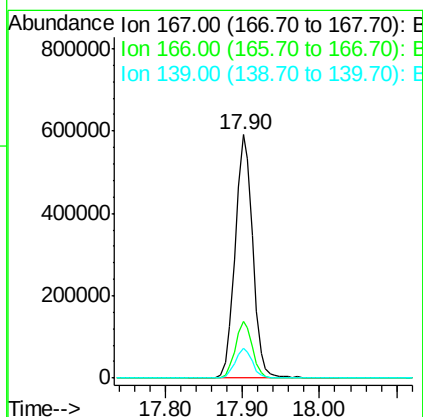
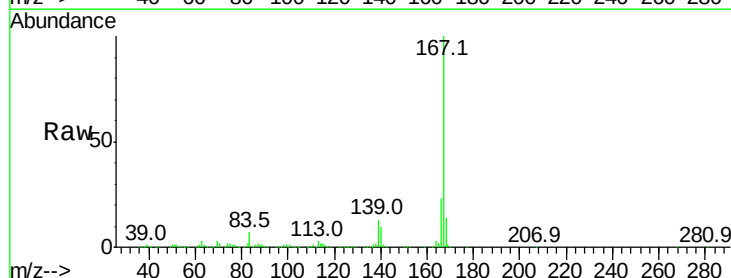
Instrument :
 BNA_G
 ClientSampleId :

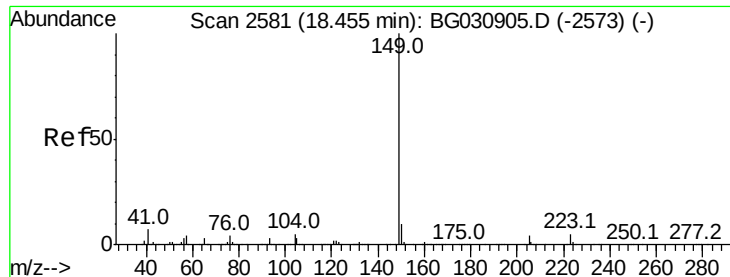
Tot Ion:178 Resp: 1033243
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 43.729 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion:167 Resp: 944933
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.112 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

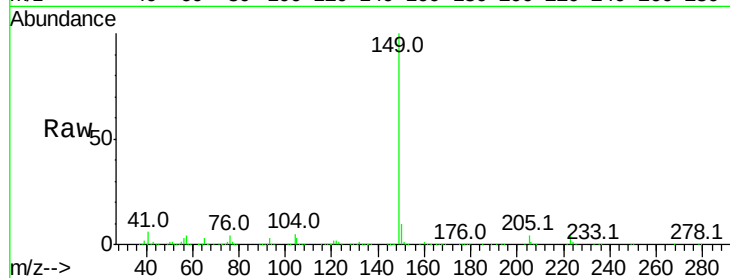
Tot Ion:149 Resp: 1090784

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

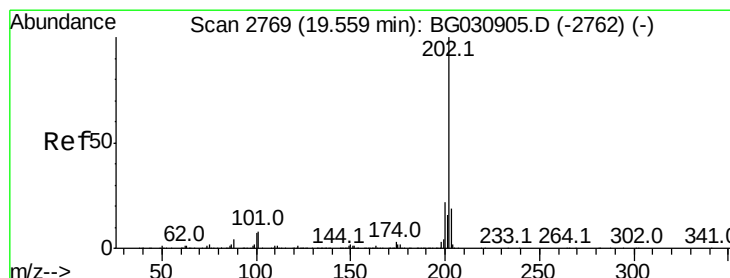
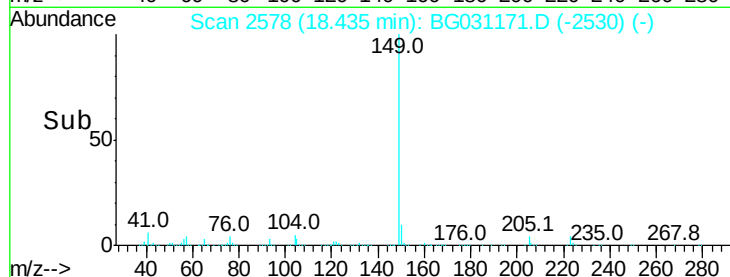
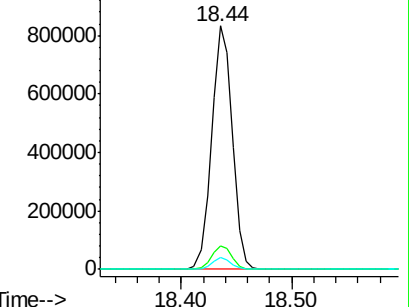
104 4.9 3.9 5.9



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: 44.523 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

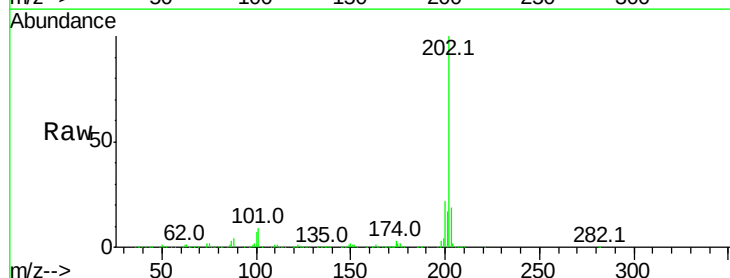
Tgt Ion:202 Resp: 1297436

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.9

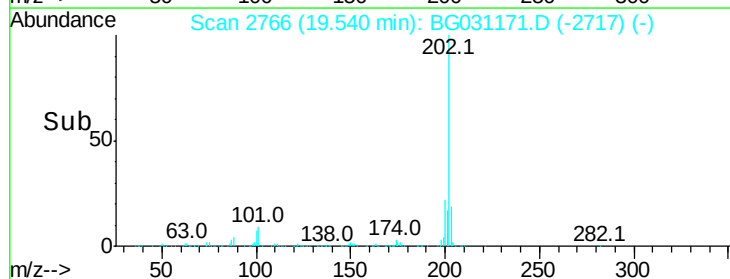
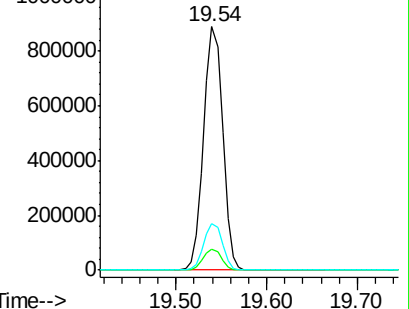
203 19.0 0.0 37.5

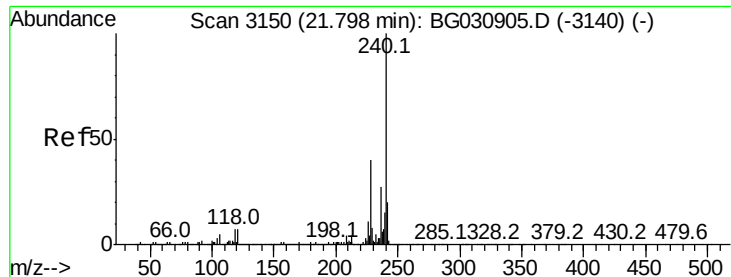


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3146

Delta R.T. -0.01 min

Lab File: BG031171.D

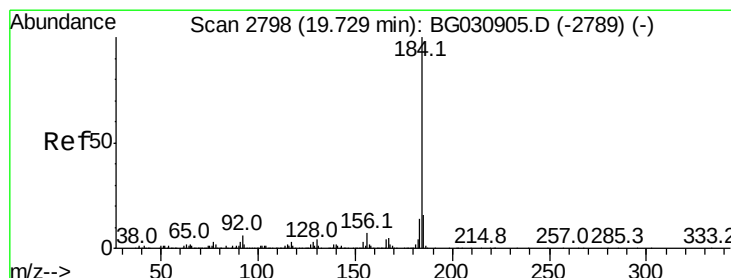
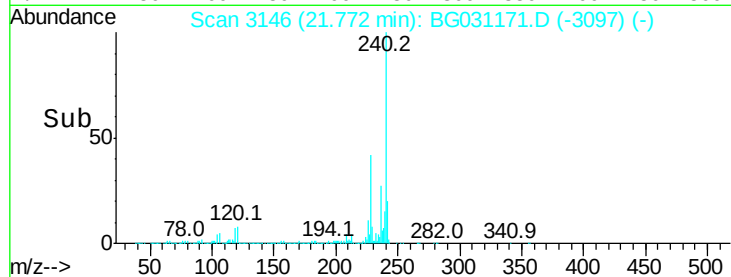
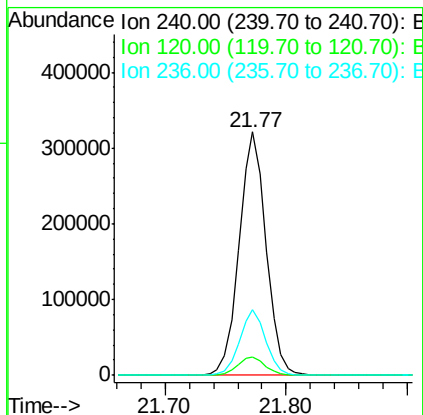
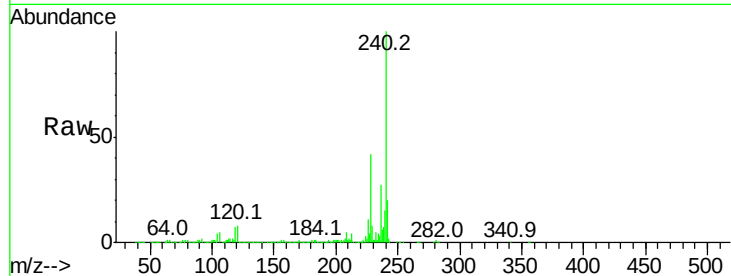
Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:240	Resp: 498047
Ion Ratio	Lower Upper
240 100	
120 7.5	6.8 10.2
236 26.8	20.9 31.3



#76

Benzidine

Concen: 50.785 ng

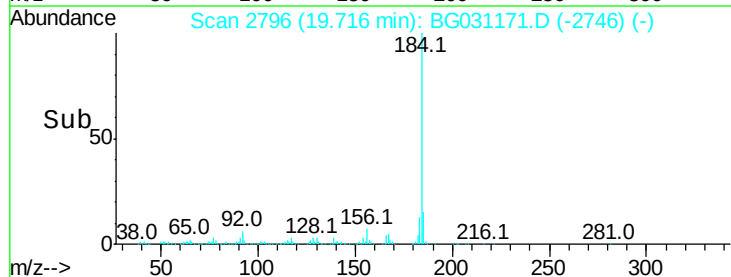
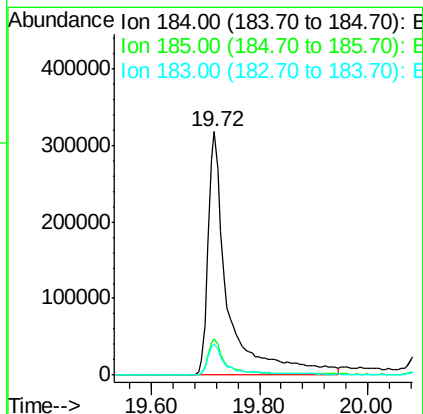
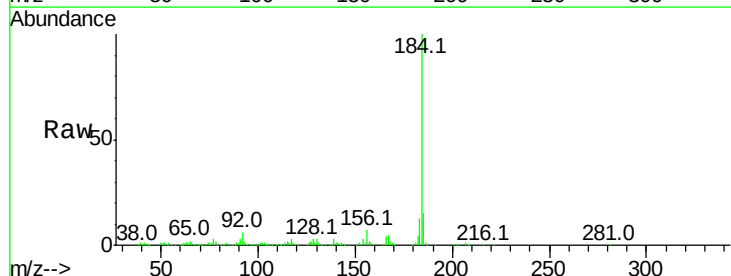
RT: 19.72 min Scan# 2796

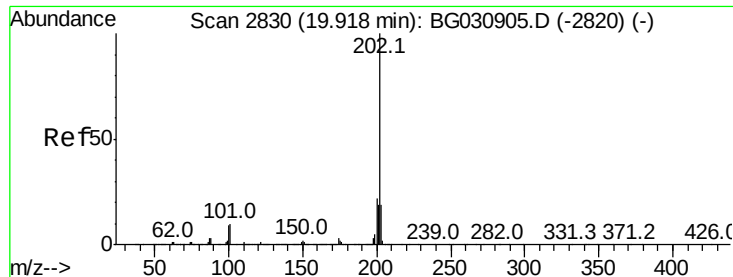
Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:184	Resp: 812480
Ion Ratio	Lower Upper
184 100	
185 14.7	11.1 16.7
183 12.7	10.6 16.0

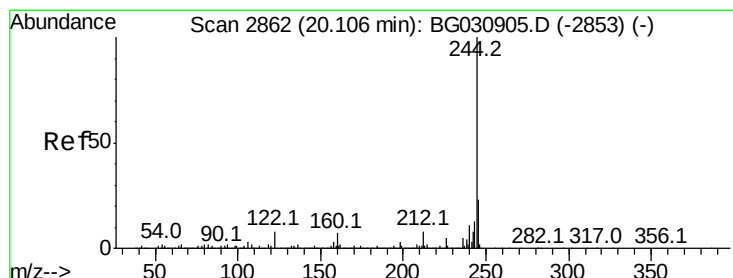
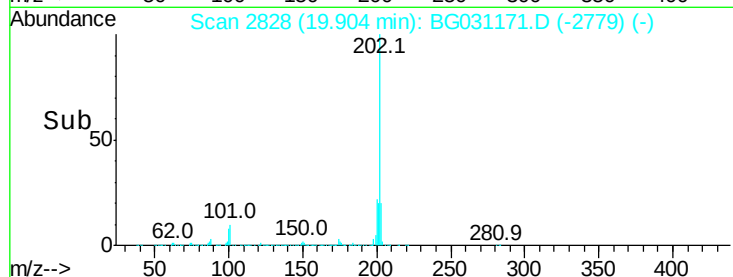
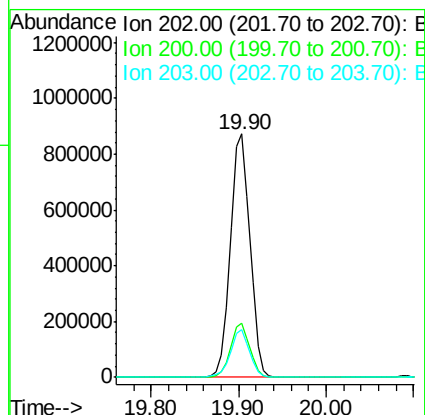
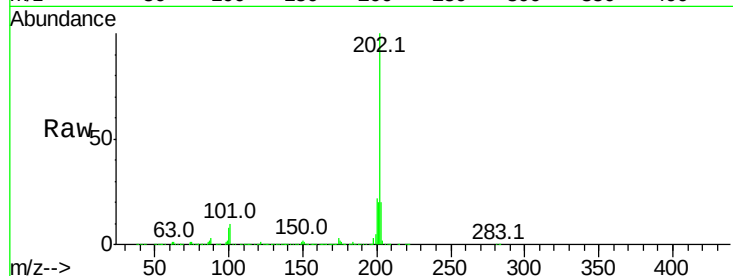




#77
Pvrene
Concen: 44.683 ng
RT: 19.90 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

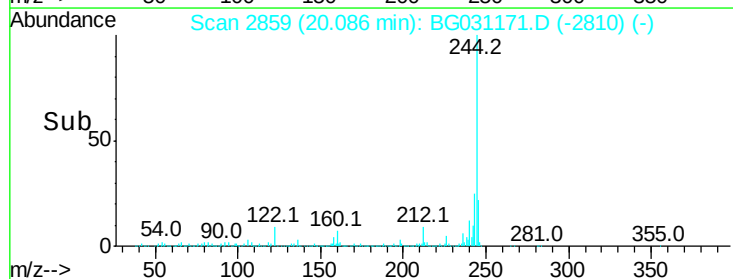
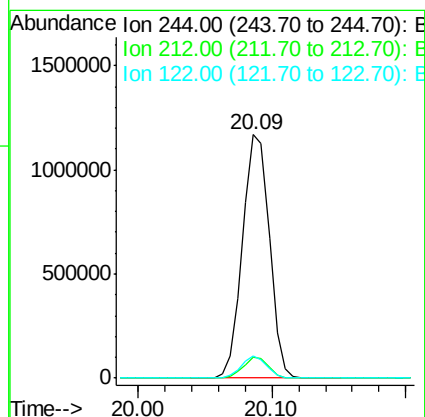
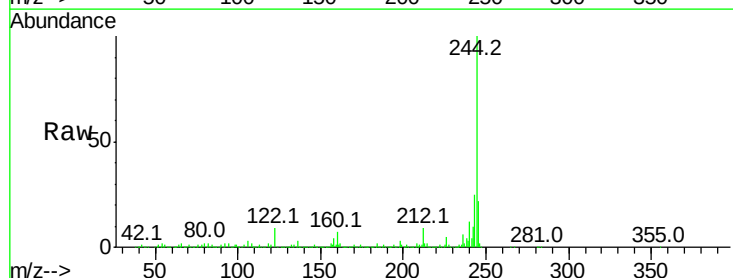
Instrument :
BNA_G
ClientSampleId :

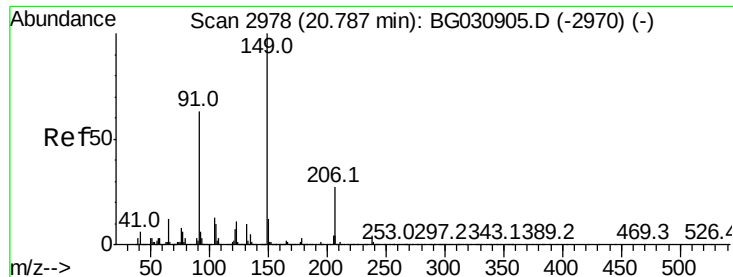
Tot Ion:202 Resp: 1320549
Ion Ratio Lower Upper
202 100
200 22.4 16.9 25.3
203 19.7 13.9 20.9



#78
Terphenyl-d14
Concen: 72.043 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion:244 Resp: 1624963
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 9.1 7.0 10.4

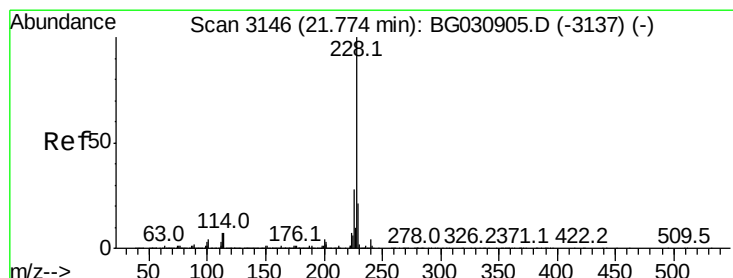
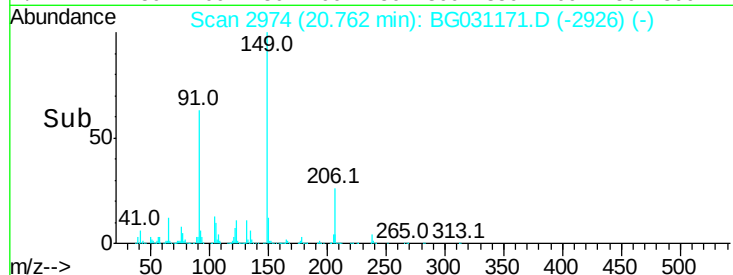
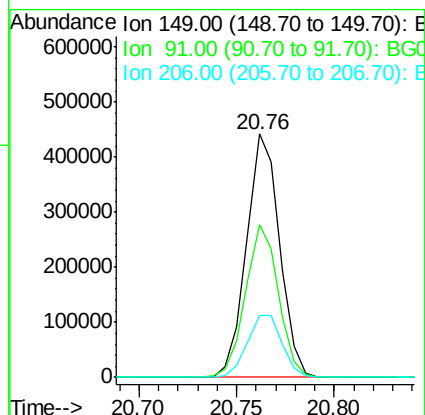
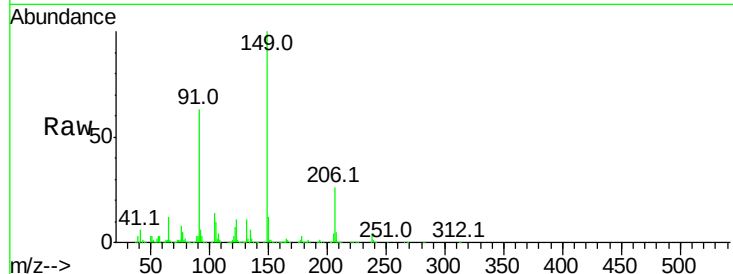




#79
Butylbenzylphthalate
Concen: 44.162 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

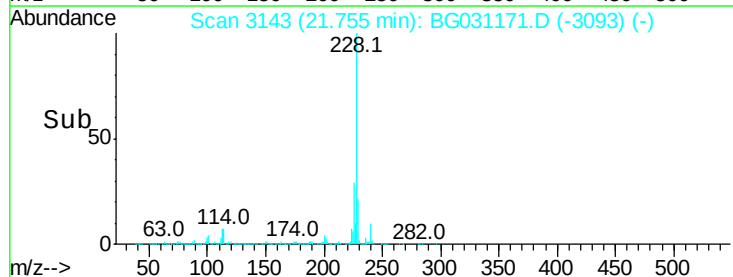
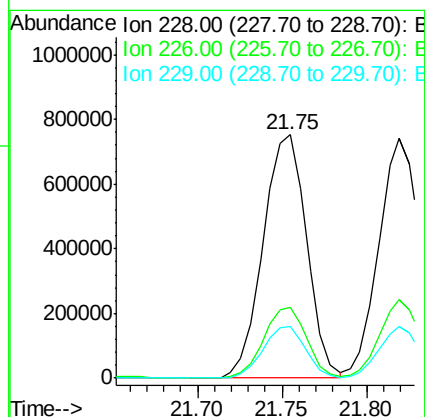
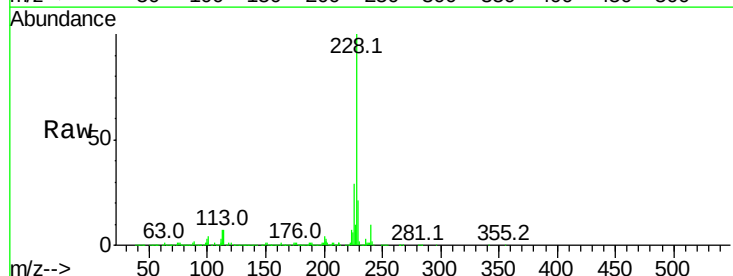
Instrument :
BNA_G
ClientSampled :

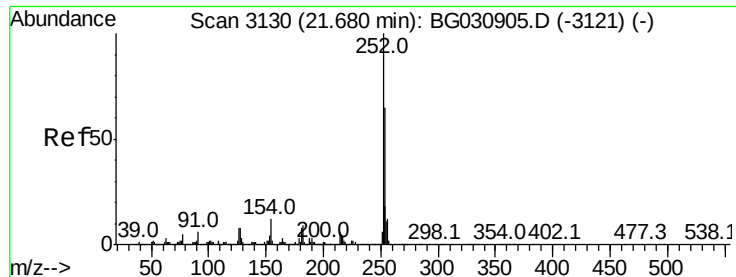
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	62.2	93.2
206	25.7	18.6	27.8



#80
Benzo(a)anthracene
Concen: 43.191 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG031171.D
Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	21.4	16.2	24.2

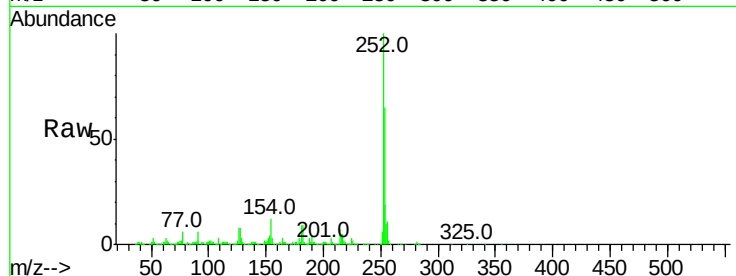




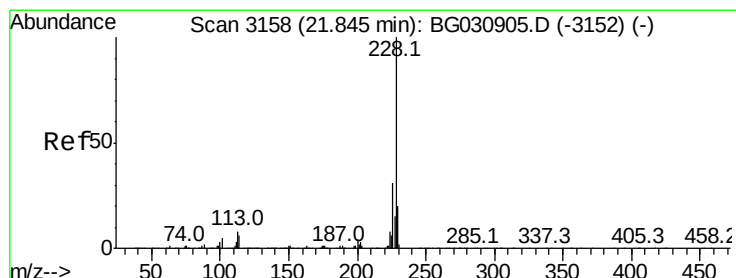
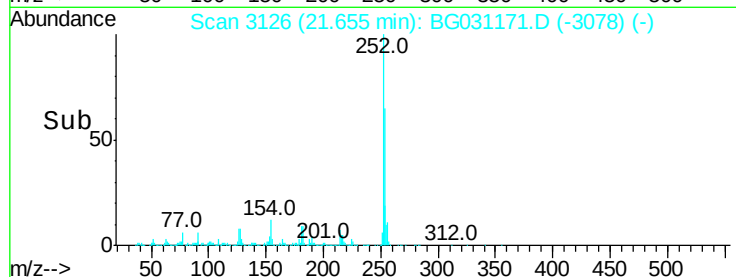
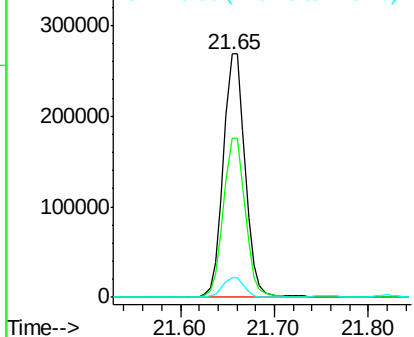
#81
 3,3'-Dichlorobenzidine
 Concen: 35.114 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	8.3	7.4	11.2

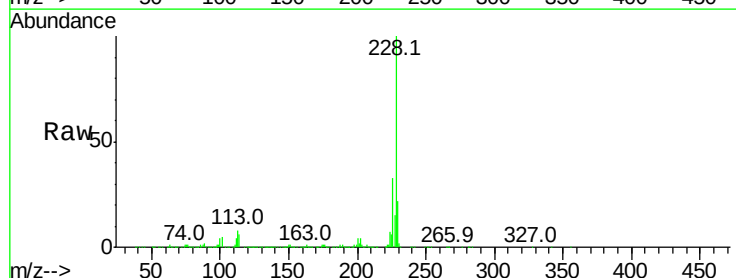


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

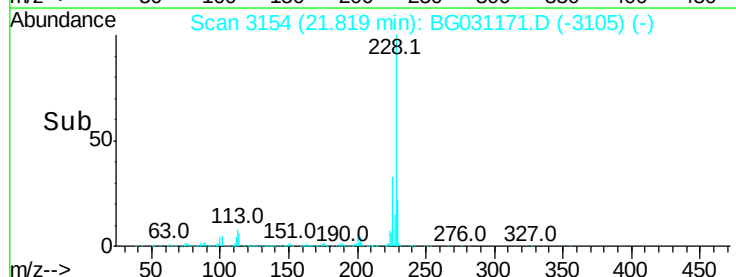
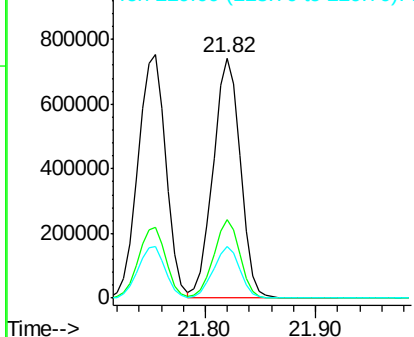


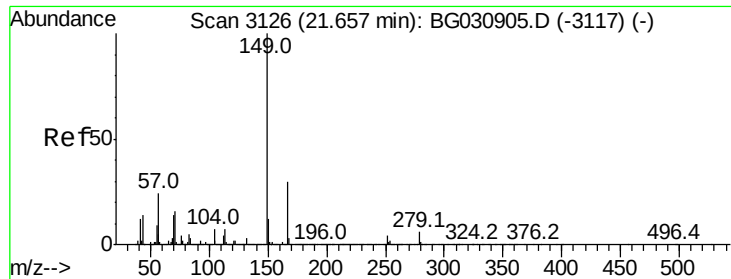
#82
 Chrysene
 Concen: 44.146 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.7	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.166 ng

RT: 21.63 min Scan# 3121

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

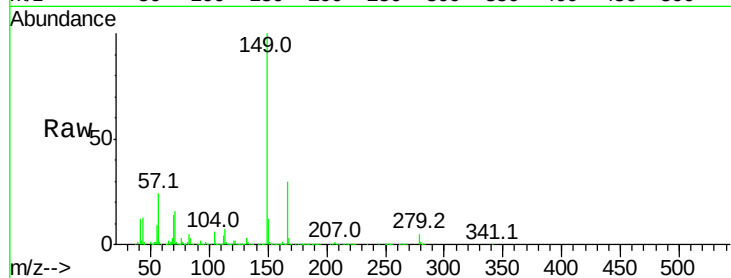
Tot Ion:149 Resp: 734248

Ion Ratio Lower Upper

149 100

167 30.3 24.3 36.5

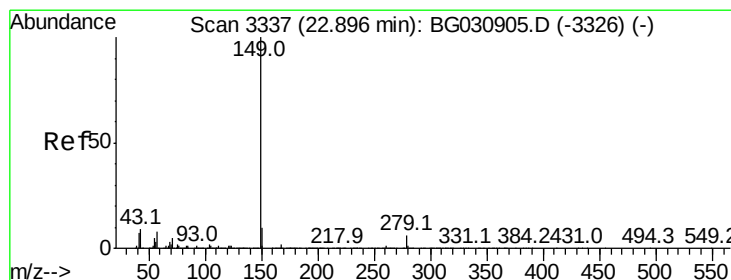
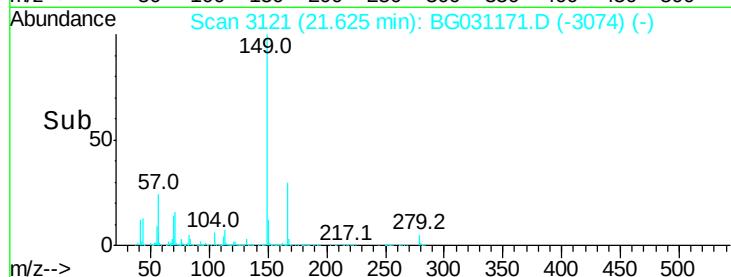
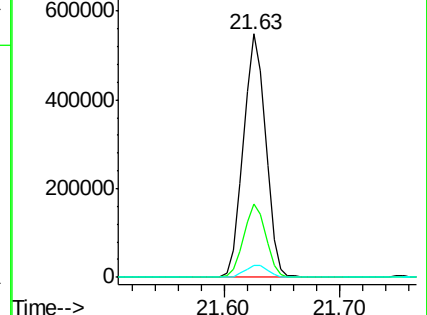
279 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.614 ng

RT: 22.85 min Scan# 3330

Delta R.T. -0.04 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

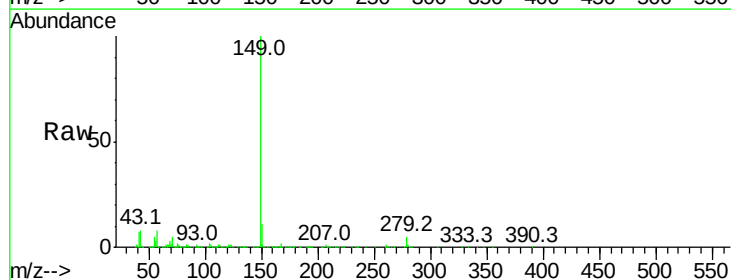
Tgt Ion:149 Resp: 1262845

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

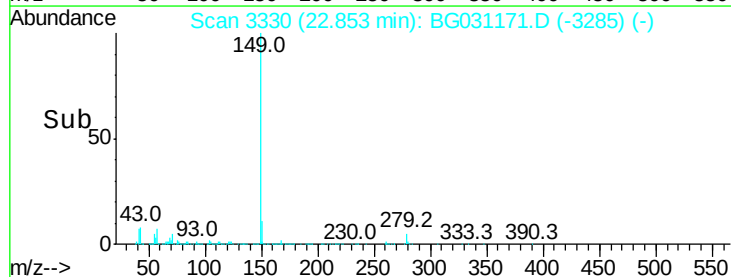
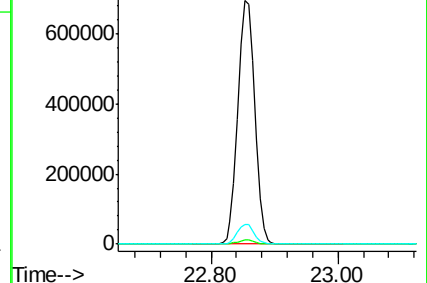
43 8.2 8.9 13.3#

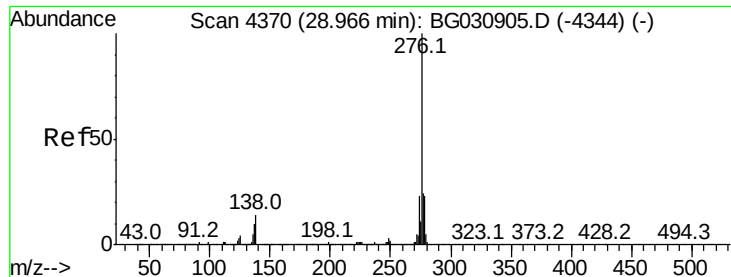


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.484 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

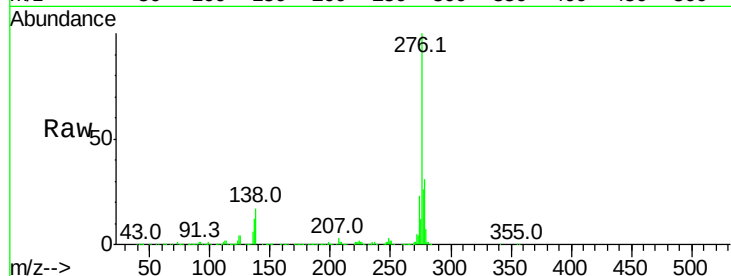
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1478026

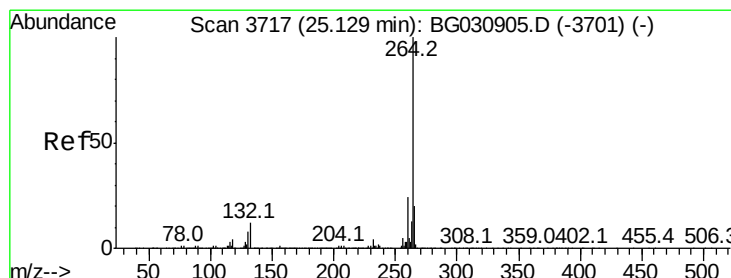
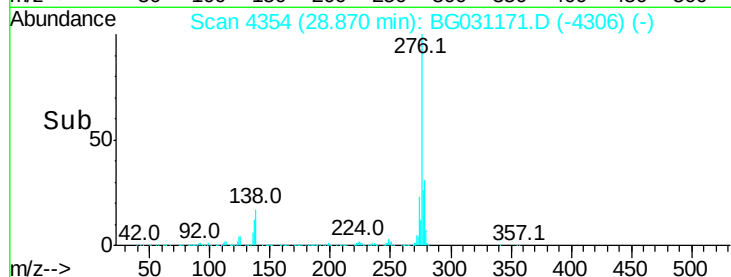
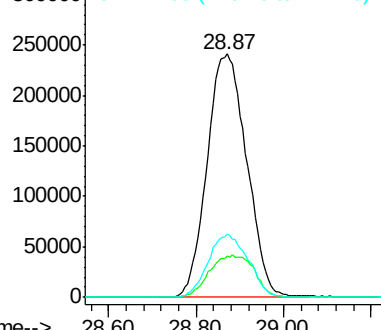
Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.0	24.0
277	26.3	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

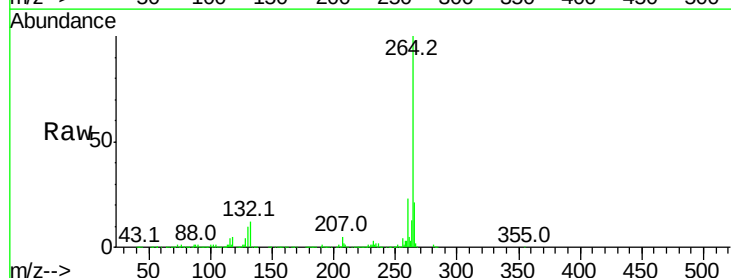
Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Tgt Ion:264 Resp: 497153

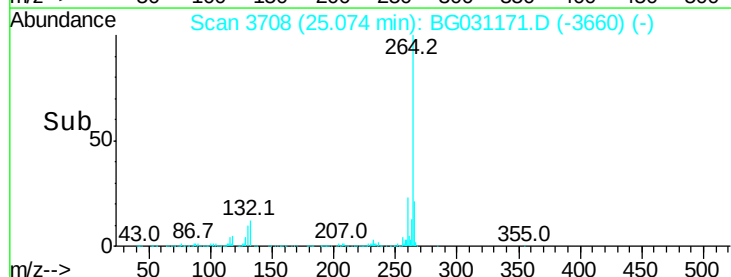
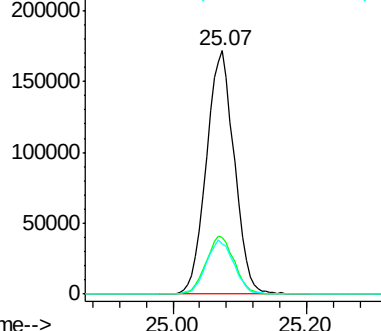
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.9	17.7	26.5

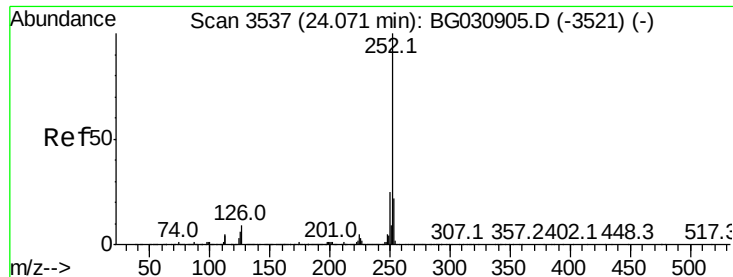


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.453 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

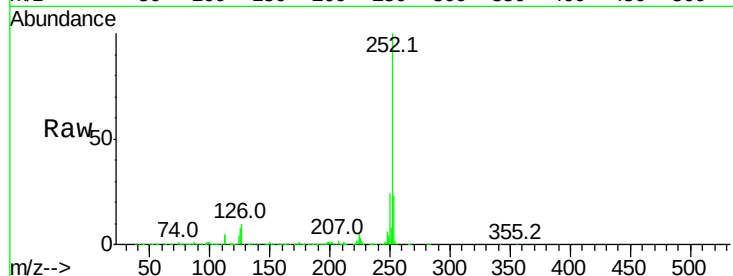
Tot Ion:252 Resp: 1366907

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	7.8	7.2	10.8

252 100

253 23.3 18.2 27.4

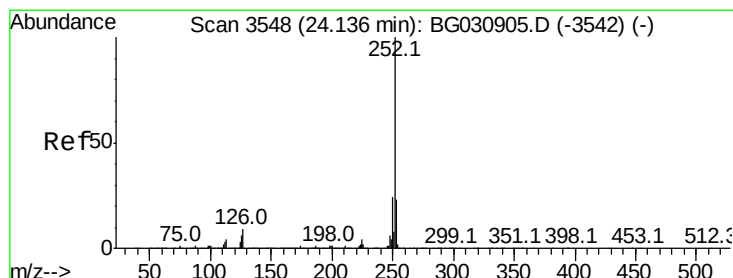
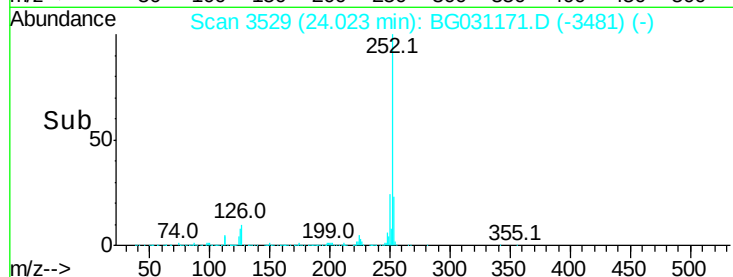
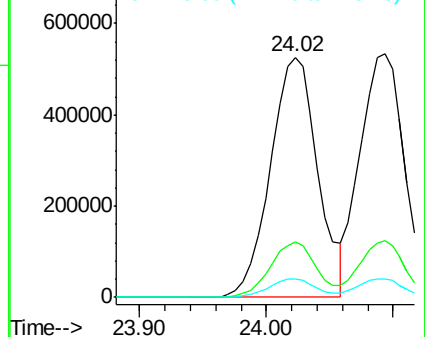
125 7.8 7.2 10.8



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



#88

Benzo(k)fluoranthene

Concen: 43.388 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

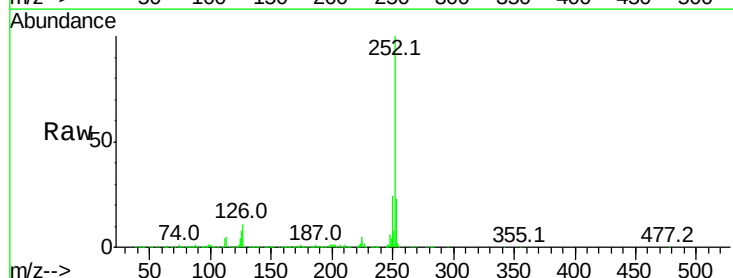
Tgt Ion:252 Resp: 1293327

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	7.6	6.6	9.8

252 100

253 23.4 17.4 26.2

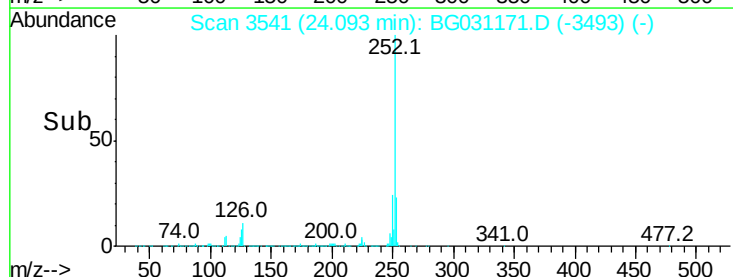
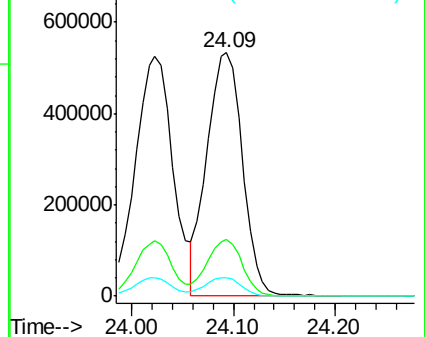
125 7.6 6.6 9.8

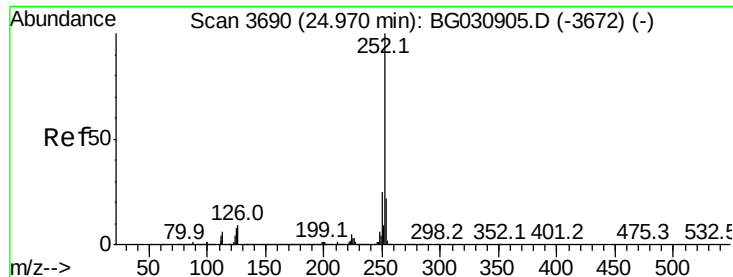


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.642 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.01 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

Instrument :

BNA_G

ClientSampleId :

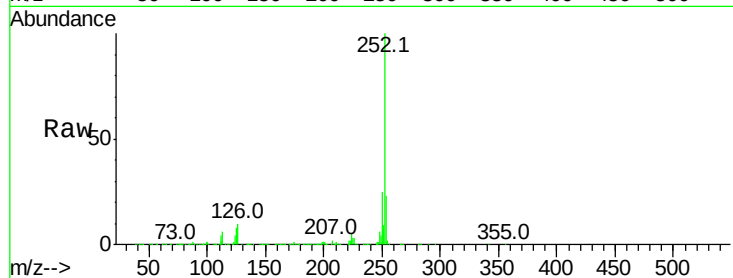
Tot Ion:252 Resp: 1303925

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.2	7.3	10.9

252 100

253 22.7 18.3 27.5

125 8.2 7.3 10.9

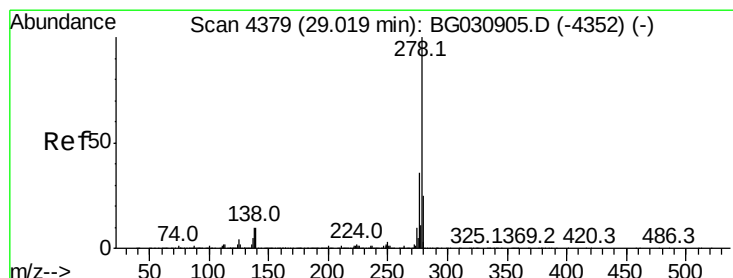
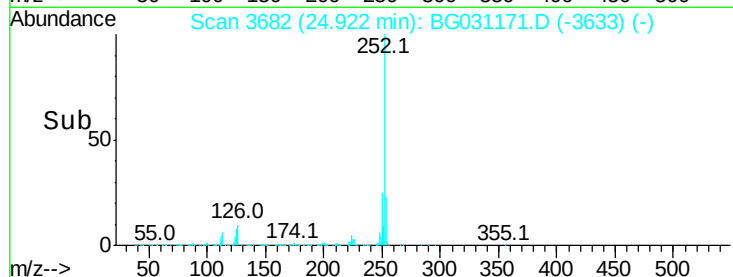
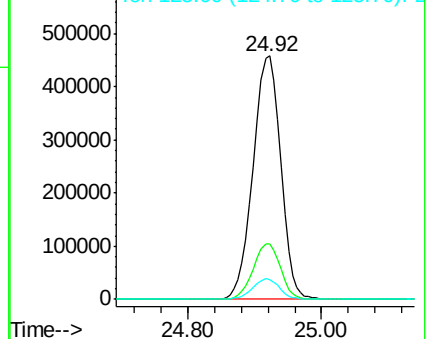


Abundance

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: 41.995 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG031171.D

Acq: 22 Nov 2017 3:29

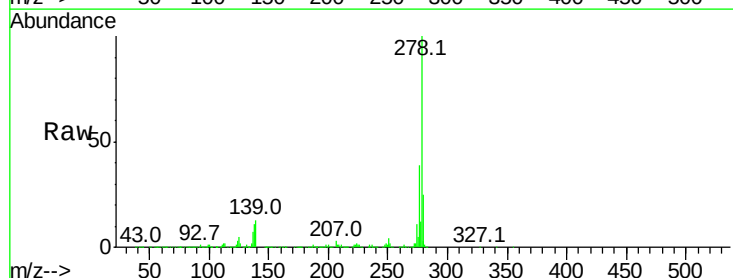
Tgt Ion:278 Resp: 1226276

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.6
279	25.4	18.4	27.6

278 100

139 12.7 9.8 14.6

279 25.4 18.4 27.6

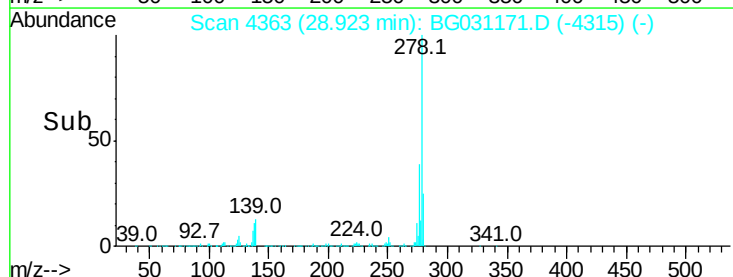
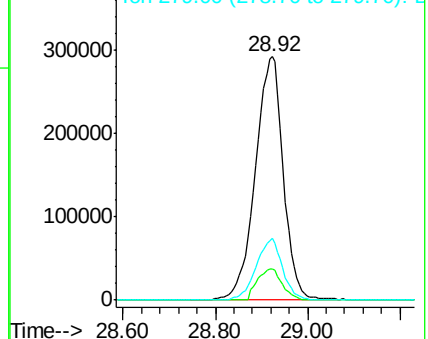


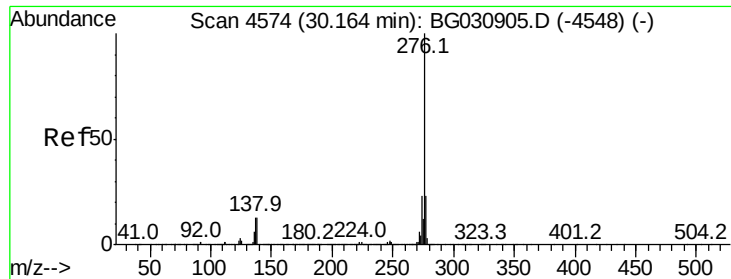
Abundance

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



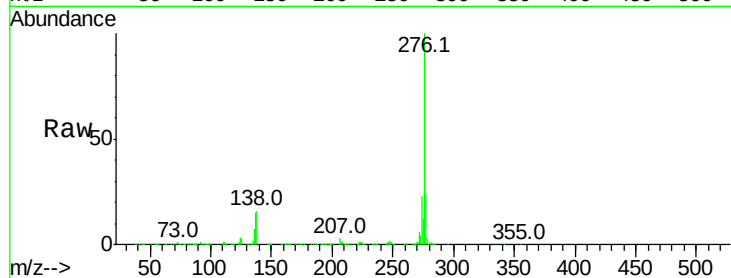


#91
 Benzo(a,h,i)perylene
 Concen: 42.453 ng
 RT: 30.06 min Scan# 4557
 Delta R.T. -0.01 min
 Lab File: BG031171.D
 Acq: 22 Nov 2017 3:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1203148

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	16.4	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

