

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031842.D
 Acq On : 29 Dec 2017 2:18
 Operator : SJ/JU
 Sample : IDOC-04 RM
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 06:32:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	58271	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	242905	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	162581	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	390496	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	443895	20.00	ng	-0.06
86) Perylene-d12	26.26	264	485043	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	362548	113.32	ng	-0.02
7) Phenol-d6	7.91	99	477513	114.96	ng	-0.02
23) Nitrobenzene-d5	10.00	82	256596	79.77	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	291666	117.57	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	930875	71.86	ng	-0.03
78) Terphenyl-d14	20.70	244	1498466	77.12	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.88	88	31240	26.342	ng	# 72
3) Pyridine	4.33	79	76268	24.059	ng	# 78
4) n-Nitrosodimethylamine	4.23	42	38364	29.991	ng	# 72
6) Aniline	8.09	93	85184	15.940	ng	# 89
8) 2-Chlorophenol	8.35	128	130153	35.071	ng	# 78
9) Benzaldehyde	8.32	77	9047	3.617	ng	96
10) Phenol	7.94	94	148919	35.511	ng	90
11) bis(2-Chloroethyl)ether	8.19	93	100420	28.834	ng	# 83
12) 1,3-Dichlorobenzene	8.69	146	141744	30.757	ng	# 93
13) 1,4-Dichlorobenzene	8.84	146	143815	30.549	ng	93
14) 1,2-Dichlorobenzene	9.18	146	137045	30.723	ng	97
15) Benzyl Alcohol	9.03	79	102815	32.973	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.33	45	105332	37.138	ng	80
17) 2-Methylphenol	9.23	107	104111	34.697	ng	93
18) Hexachloroethane	9.93	117	44751	31.386	ng	# 87
19) n-Nitroso-di-n-propylamine	9.62	70	80106	28.239	ng	# 81
20) 3+4-Methylphenols	9.57	107	144227	33.820	ng	94
22) Acetophenone	9.65	105	182352	32.312	ng	# 85
24) Nitrobenzene	10.05	77	114446	34.520	ng	# 85
25) Isophorone	10.57	82	230157	33.237	ng	# 86
26) 2-Nitrophenol	10.77	139	77713	44.707	ng	# 81
27) 2,4-Dimethylphenol	10.80	122	135113	36.938	ng	91
28) bis(2-Chloroethoxy)methane	11.05	93	146436	31.515	ng	95
29) 2,4-Dichlorophenol	11.31	162	159667	37.182	ng	88
30) 1,2,4-Trichlorobenzene	11.54	180	164620	31.397	ng	98
31) Naphthalene	11.74	128	391549	31.940	ng	98
32) Benzoic acid	10.91	122	11747	10.747	ng	# 71
33) 4-Chloroaniline	11.83	127	87667	16.063	ng	# 91
34) Hexachlorobutadiene	12.01	225	112067	31.134	ng	99
35) Caprolactam	12.57	113	44651	34.304	ng	# 52
36) 4-Chloro-3-methylphenol	12.90	107	138628	34.955	ng	# 84
37) 2-Methylnaphthalene	13.51	142	311240	31.319	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	225648	32.951	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	253335	70.125	ng	92

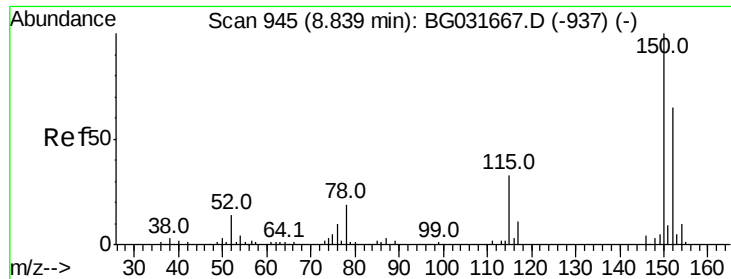
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	143589	36.367	nq	98
43) 2,4,5-Trichlorophenol	13.95	196	154050	35.207	nq #	91
45) 1,1'-Biphenyl	14.28	154	462878	33.334	nq	94
46) 2-Chloronaphthalene	14.33	162	345787	32.647	nq	94
47) 2-Nitroaniline	14.51	65	70039	38.288	nq #	52
48) Acenaphthylene	15.16	152	523533	30.897	nq	98
49) Dimethylphthalate	14.86	163	517968	36.164	nq	99
50) 2,6-Dinitrotoluene	14.99	165	100916	38.301	nq #	64
51) Acenaphthene	15.50	154	339795	30.619	nq	99
52) 3-Nitroaniline	15.32	138	63986	24.891	nq #	75
53) 2,4-Dinitrophenol	15.52	184	13293	18.376	nq #	1
54) Dibenzofuran	15.83	168	545039	32.040	nq	99
55) 4-Nitrophenol	15.59	139	134283	64.181	nq #	71
56) 2,4-Dinitrotoluene	15.76	165	137761	40.661	nq #	64
57) Fluorene	16.47	166	438155	31.706	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.03	232	152013	35.609	nq #	85
59) Diethylphthalate	16.20	149	428779	30.715	nq	98
60) 4-Chlorophenyl-phenylether	16.45	204	262872	31.088	nq	92
61) 4-Nitroaniline	16.47	138	85957	34.266	nq #	76
62) Azobenzene	16.74	77	281783	31.475	nq	82
64) 4,6-Dinitro-2-methylphenol	16.52	198	26934	20.030	nq #	69
65) n-Nitrosodiphenylamine	16.66	169	398276	30.709	nq	99
66) 4-Bromophenyl-phenylether	17.34	248	187340	33.176	nq	92
67) Hexachlorobenzene	17.47	284	194163	33.636	nq #	88
68) Atrazine	17.58	200	169820	33.675	nq	98
69) Pentachlorophenol	17.80	266	189513	47.731	nq	99
70) Phenanthrene	18.21	178	709702	32.114	nq	100
71) Anthracene	18.30	178	733783	32.916	nq	99
72) Carbazole	18.55	167	626500	31.752	nq	99
73) Di-n-butylphthalate	19.06	149	692994	31.604	nq	99
74) Fluoranthene	20.17	202	885373	32.652	nq	97
76) Benzidine	20.32	184	228868	16.704	nq	97
77) Pyrene	20.52	202	900631	31.763	nq	98
79) Butylbenzylphthalate	21.39	149	316450	33.246	nq #	75
80) Benzo(a)anthracene	22.49	228	912842	32.328	nq	99
81) 3,3'-Dichlorobenzidine	22.38	252	222422	20.317	nq #	99
82) Chrysene	22.57	228	852193	31.898	nq	97
83) Bis(2-ethylhexyl)phthalate	22.34	149	445995	32.341	nq #	98
84) Di-n-octyl phthalate	23.74	149	771898	33.236	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1160865	33.869	nq #	90
87) Benzo(b)fluoranthene	25.06	252	989249	32.856	nq #	96
88) Benzo(k)fluoranthene	25.14	252	943979	31.328	nq #	97
89) Benzo(a)pyrene	26.08	252	952663	33.038	nq #	97
90) Dibenzo(a,h)anthracene	30.70	278	958306	32.178	nq #	97
91) Benzo(g,h,i)perylene	30.62	276	1160865	33.015	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.80 min Scan# 938

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

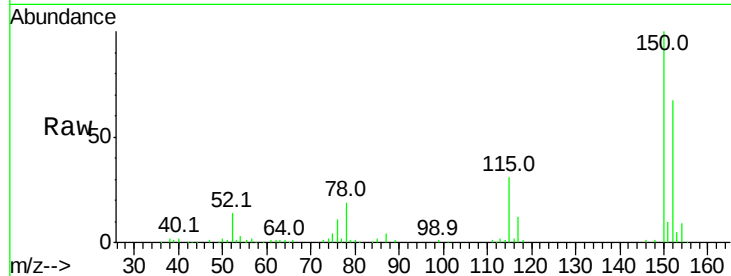
Tot Ion:152 Resp: 58271

Ion Ratio Lower Upper

152 100

150 148.7 126.6 189.8

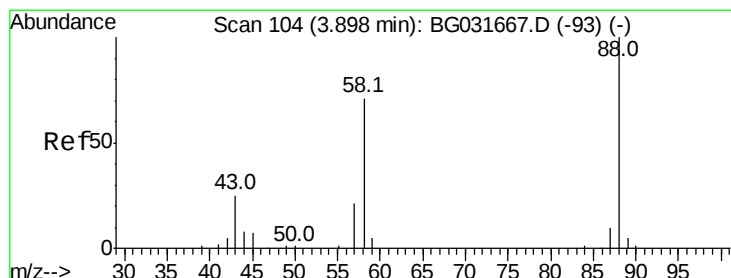
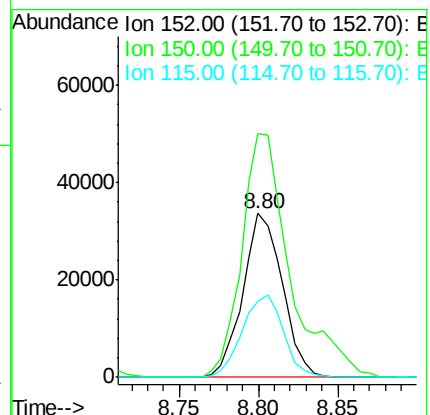
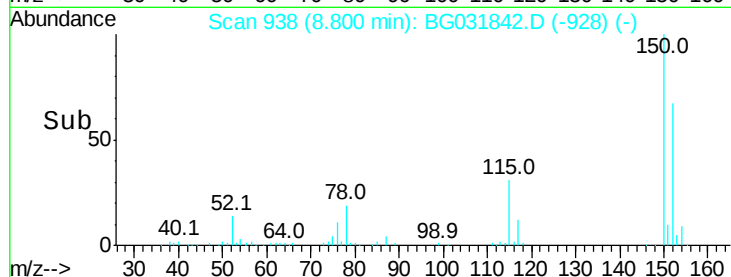
115 46.4 53.0 79.4#



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: 26.342 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.02 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

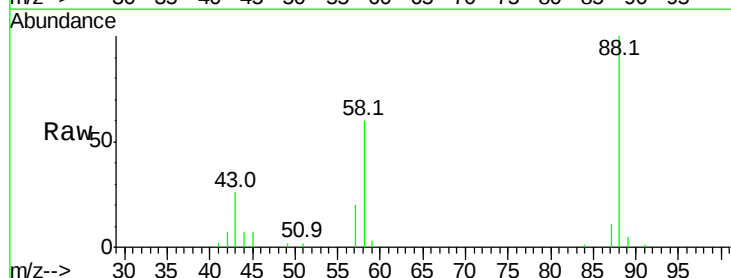
Tgt Ion: 88 Resp: 31240

Ion Ratio Lower Upper

88 100

58 65.5 79.6 119.4#

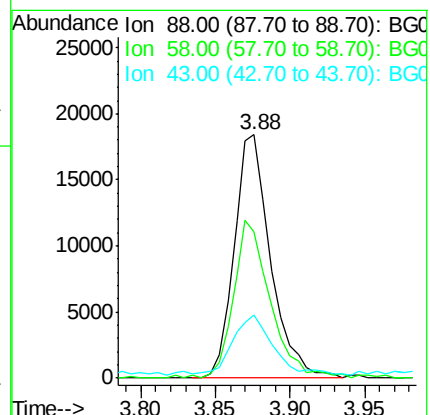
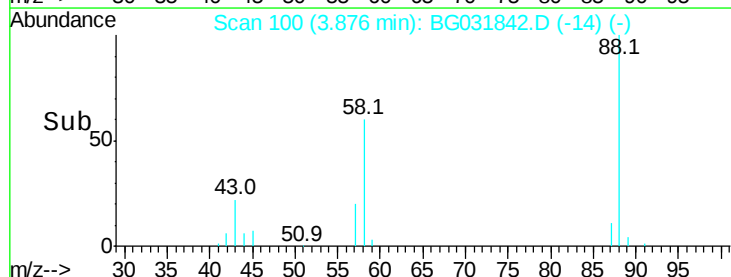
43 27.5 27.4 41.0



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: 24.059 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

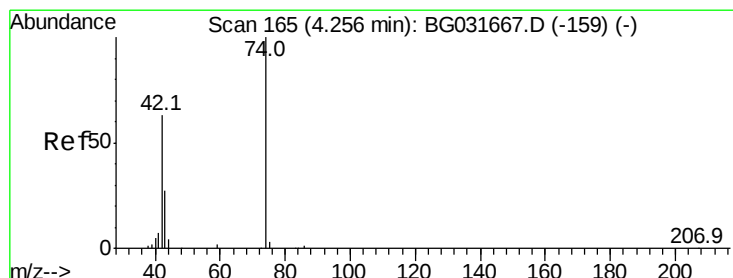
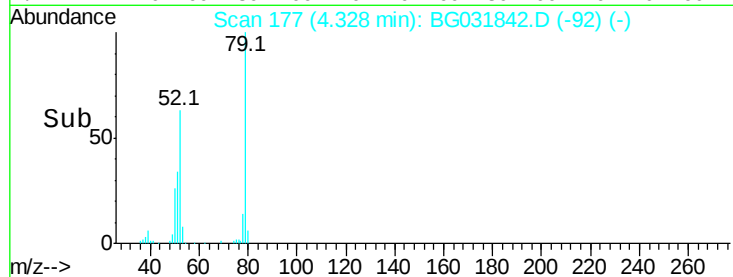
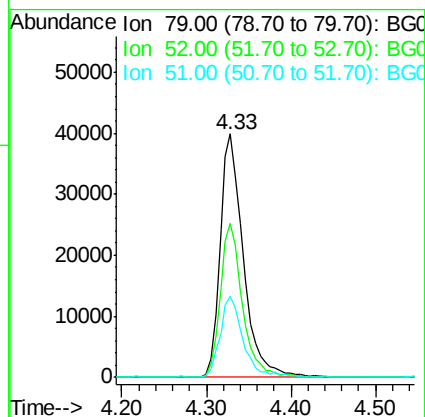
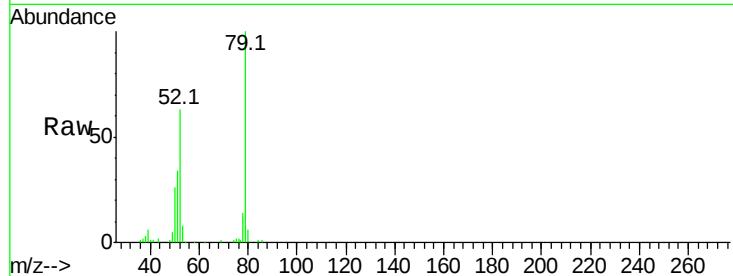
Tot Ion: 79 Resp: 76268

Ion Ratio Lower Upper

79 100

52 63.4 69.9 104.9#

51 33.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 29.991 ng

RT: 4.23 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

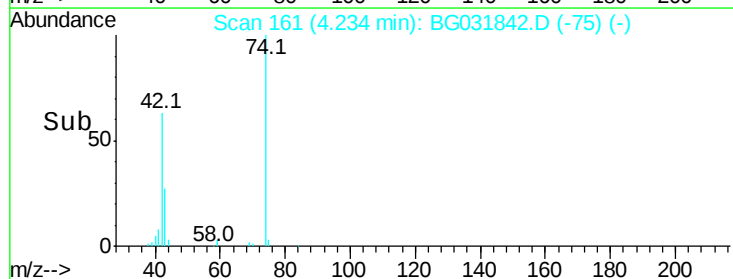
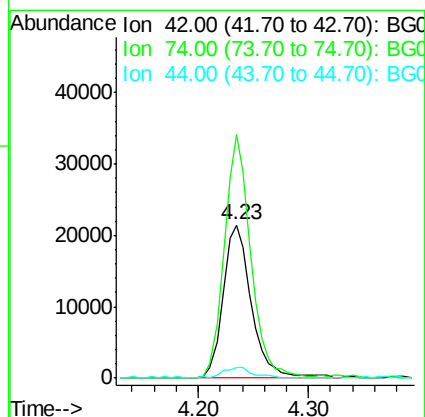
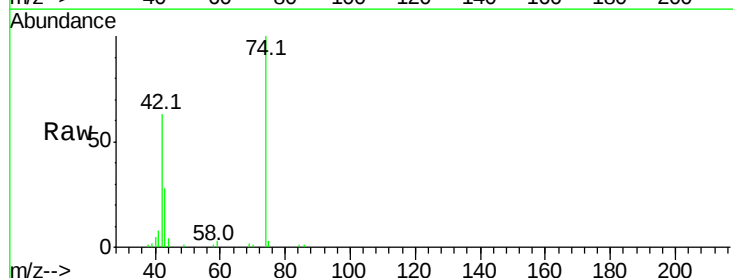
Tgt Ion: 42 Resp: 38364

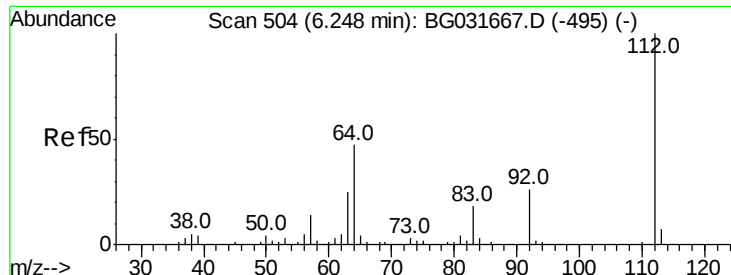
Ion Ratio Lower Upper

42 100

74 159.1 102.5 153.7#

44 6.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 113.322 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampled :

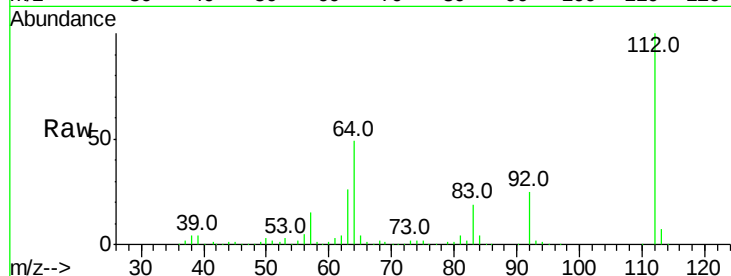
Tot Ion:112 Resp: 362548

Ion Ratio Lower Upper

112 100

64 48.6 56.3 84.5#

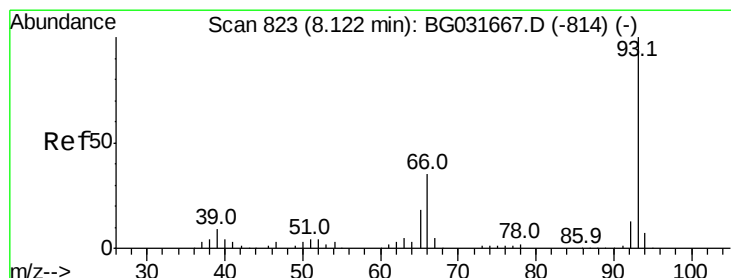
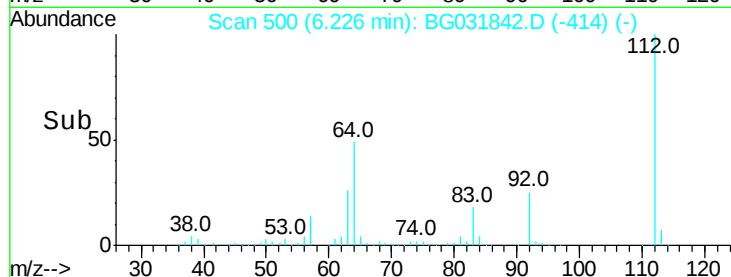
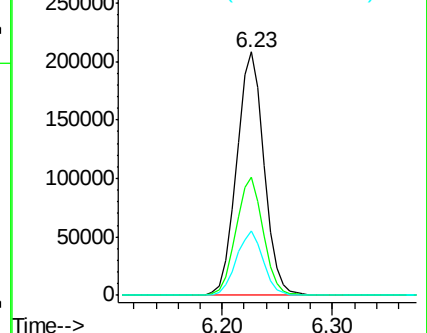
63 26.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.940 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

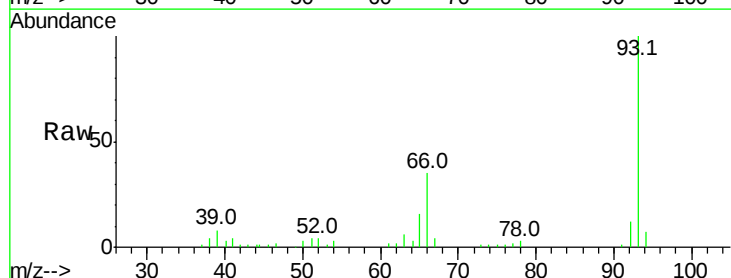
Tgt Ion: 93 Resp: 85184

Ion Ratio Lower Upper

93 100

66 34.8 33.7 50.5

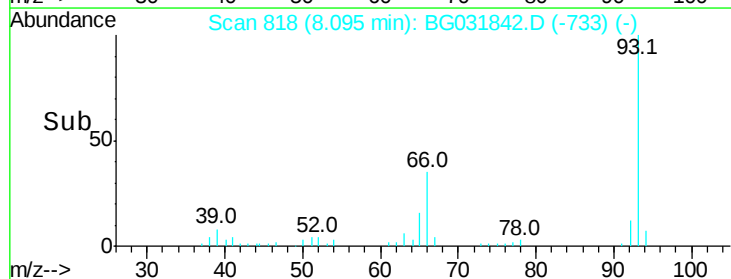
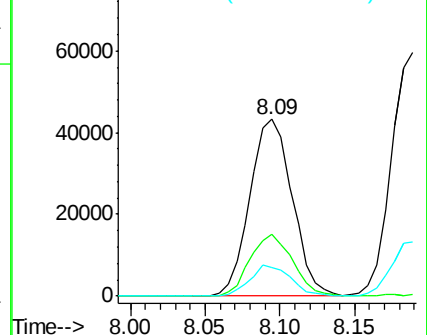
65 15.8 16.1 24.1#

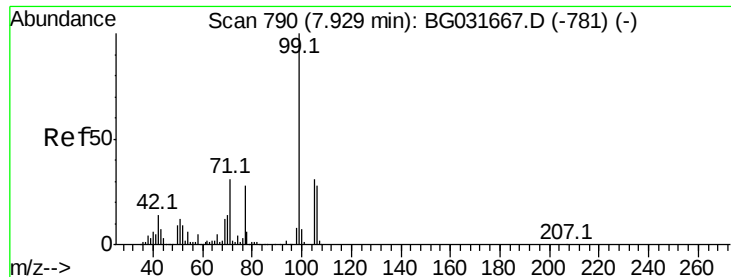


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.961 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

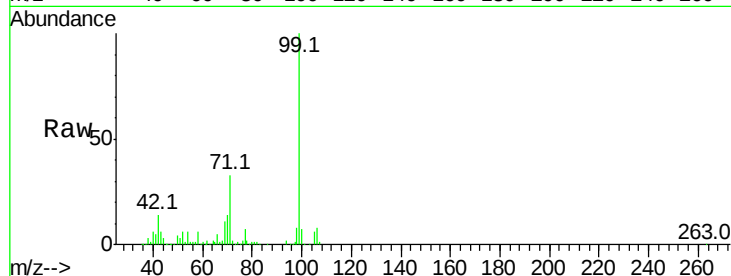
Tot Ion: 99 Resp: 477513

Ion Ratio Lower Upper

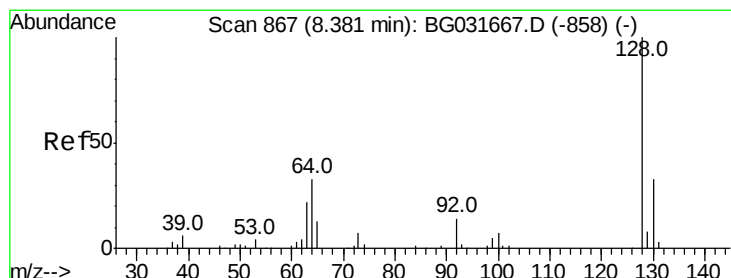
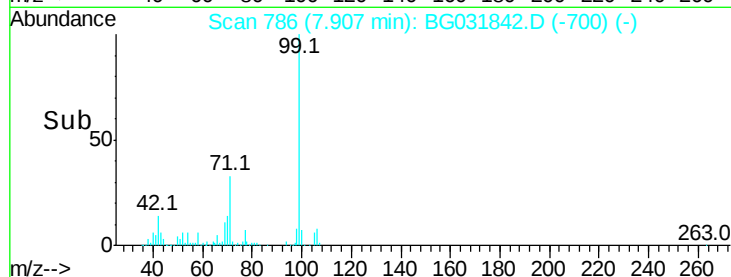
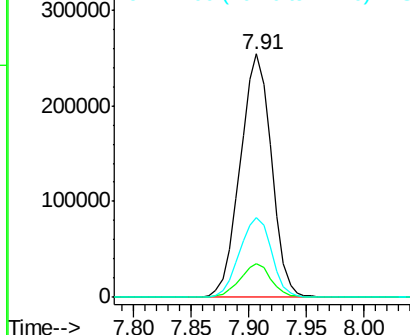
99 100

42 13.8 14.1 21.1#

71 33.0 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: 35.071 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

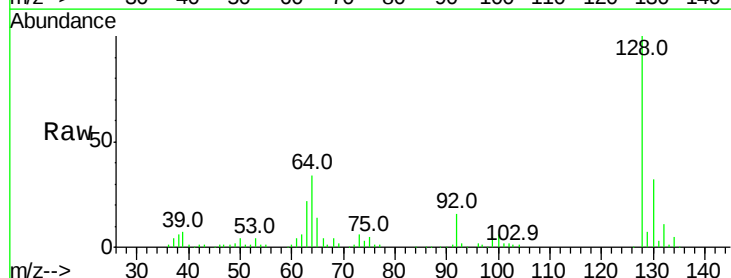
Tgt Ion: 128 Resp: 130153

Ion Ratio Lower Upper

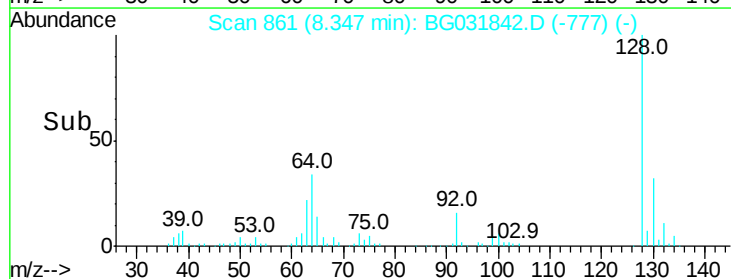
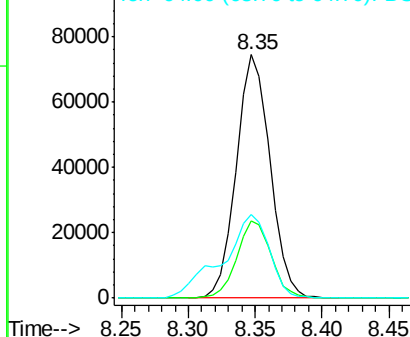
128 100

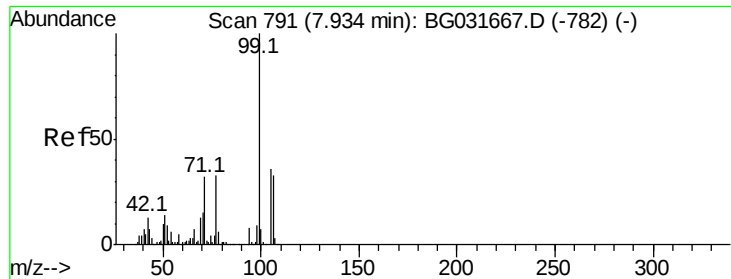
130 31.6 14.0 54.0

64 34.1 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: 3.617 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

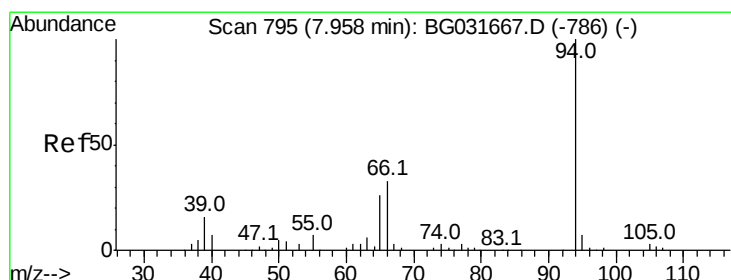
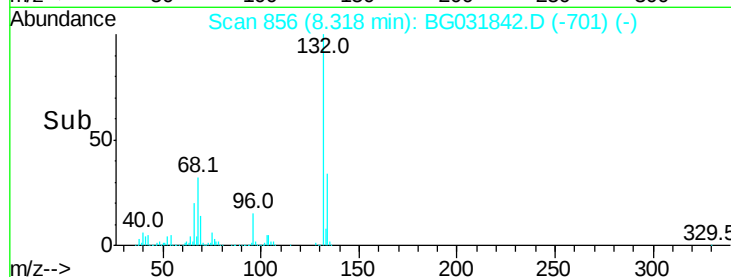
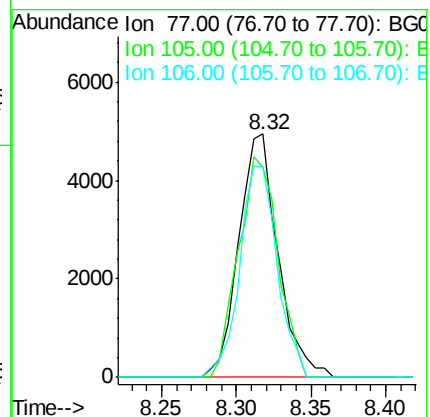
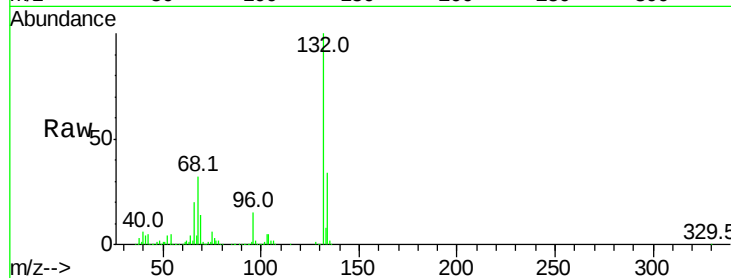
Tot Ion: 77 Resp: 9047

Ion Ratio Lower Upper

77 100

105 86.4 71.3 111.3

106 86.6 64.2 104.2



#10

Phenol

Concen: 35.511 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

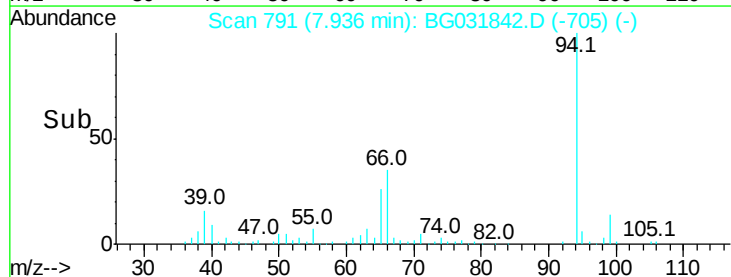
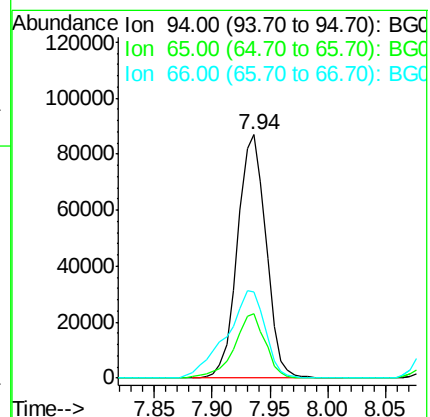
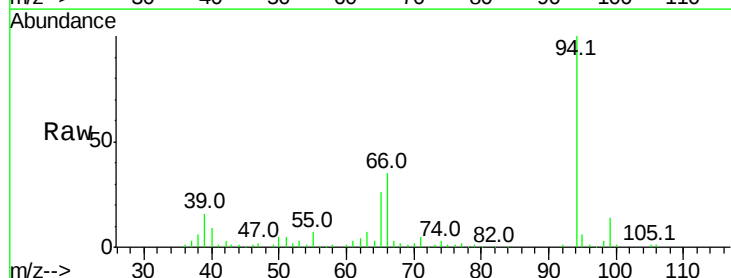
Tgt Ion: 94 Resp: 148919

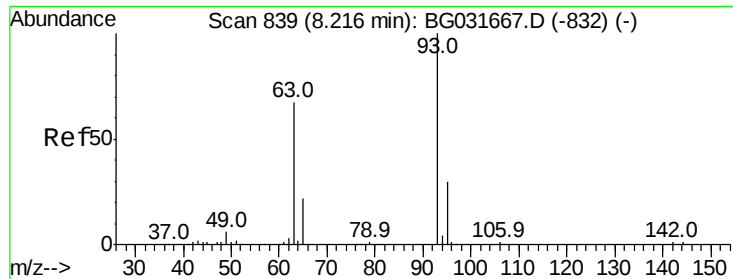
Ion Ratio Lower Upper

94 100

65 26.5 11.9 51.9

66 35.3 22.2 62.2

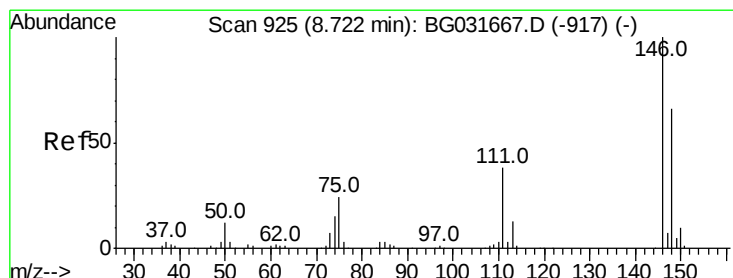
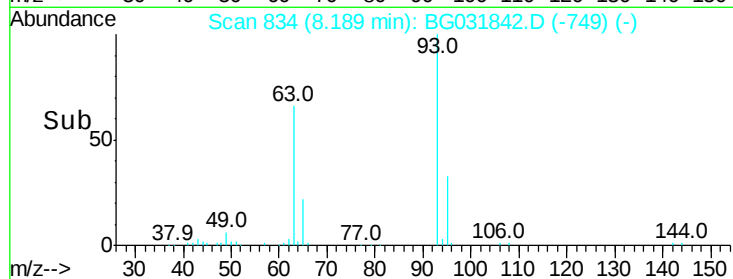
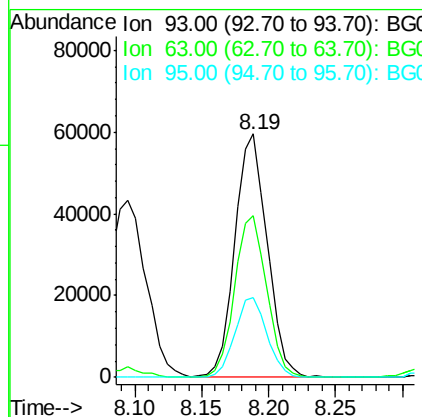
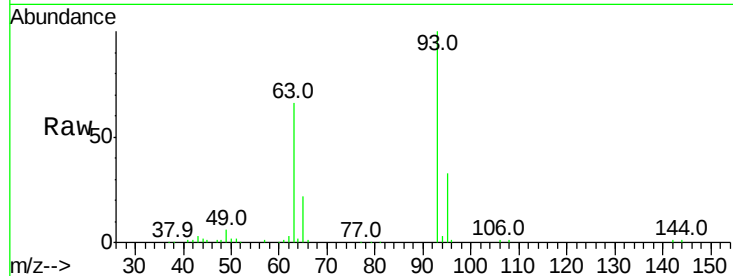




#11
bis(2-Chloroethyl)ether
Concen: 28.834 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

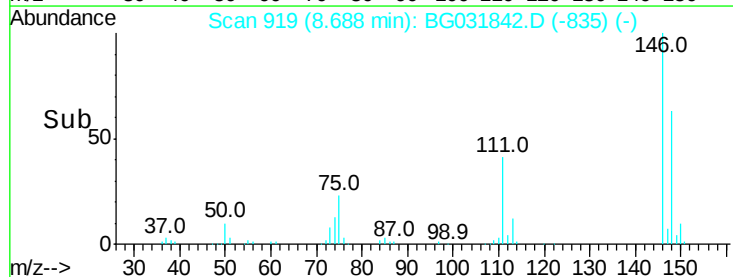
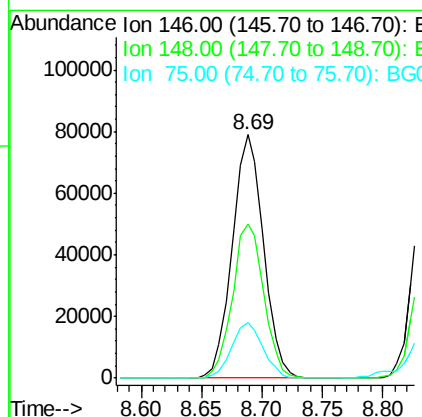
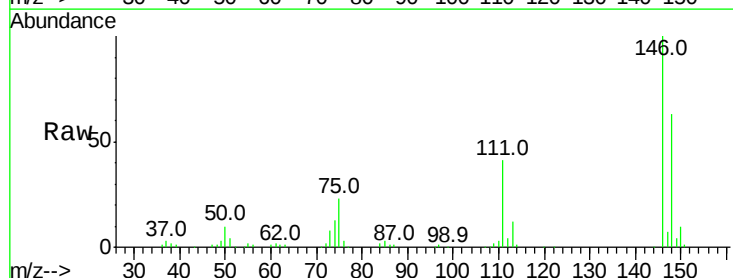
Instrument :
BNA_G
ClientSampleId :

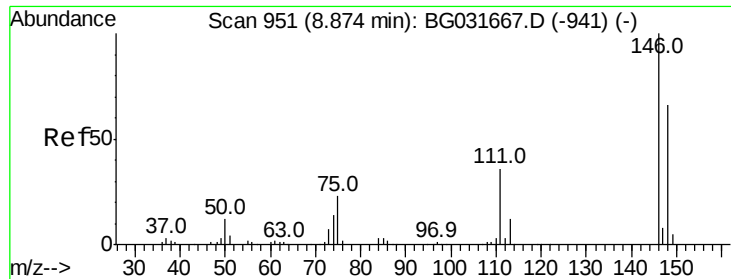
Tot Ion: 93 Resp: 100420
Ion Ratio Lower Upper
93 100
63 66.3 67.1 107.1#
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 30.757 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion: 146 Resp: 141744
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 23.0 26.6 39.8#

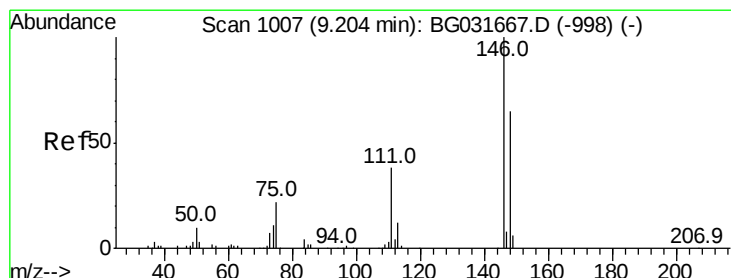
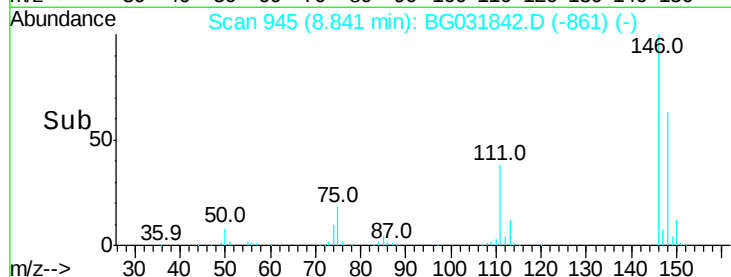
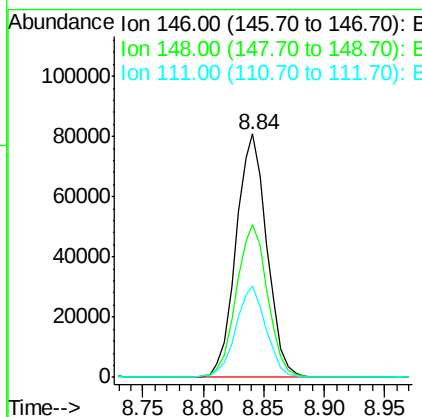
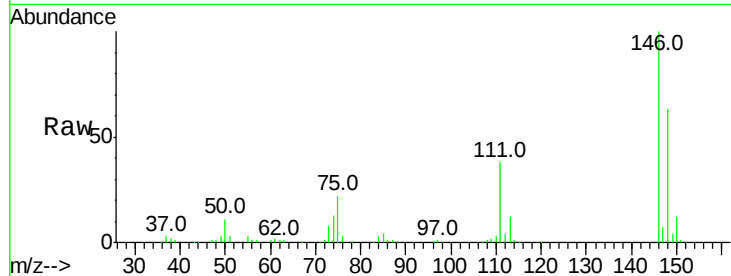




#13
 1,4-Dichlorobenzene
 Concen: 30.549 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

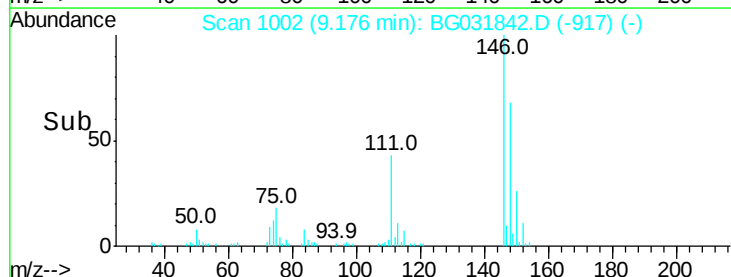
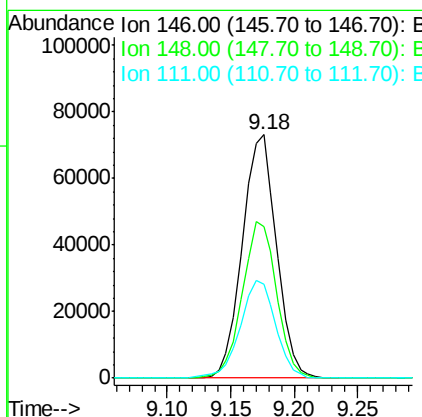
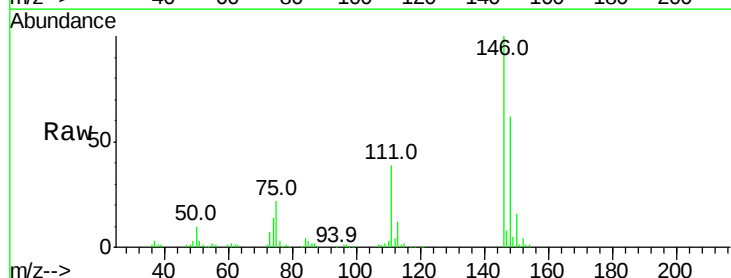
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 143815
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 37.7 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 30.723 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion:146 Resp: 137045
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.3 73.9
 111 38.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 32.973 ng

RT: 9.03 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

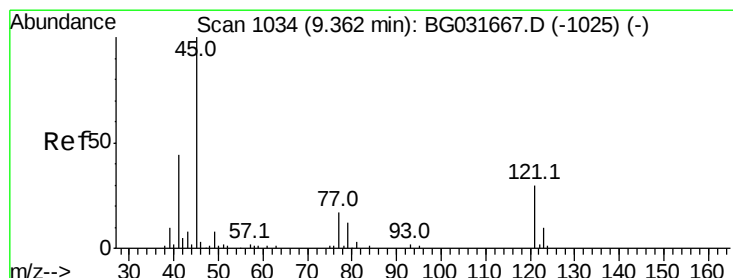
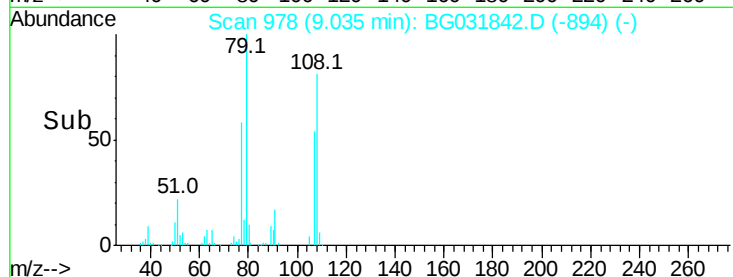
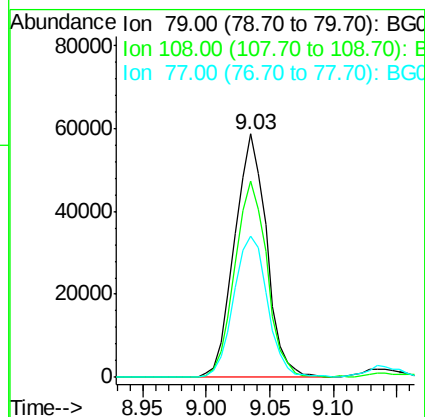
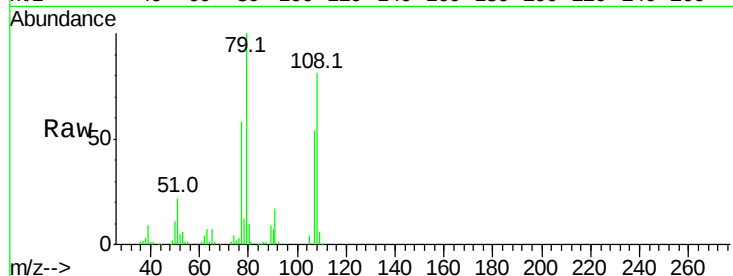
Tot Ion: 79 Resp: 102815

Ion Ratio Lower Upper

79 100

108 80.5 57.2 85.8

77 58.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.138 ng

RT: 9.33 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

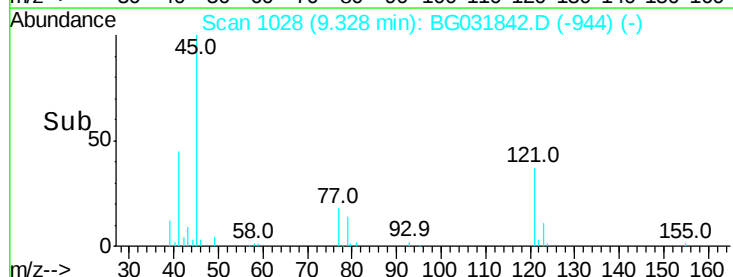
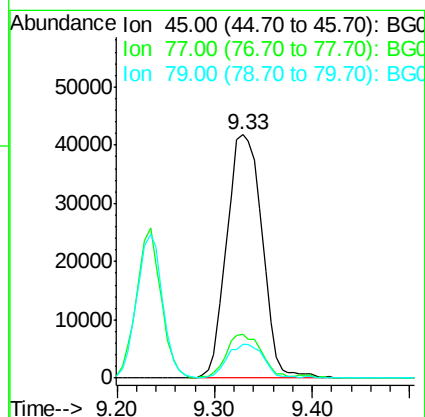
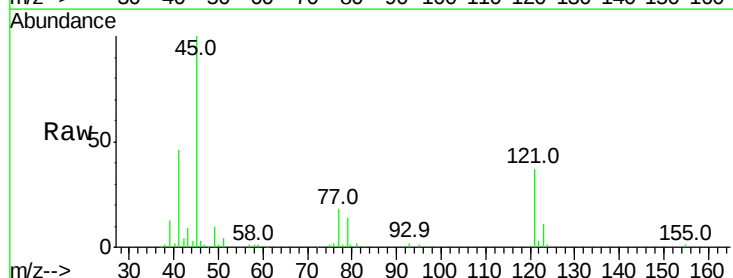
Tgt Ion: 45 Resp: 105332

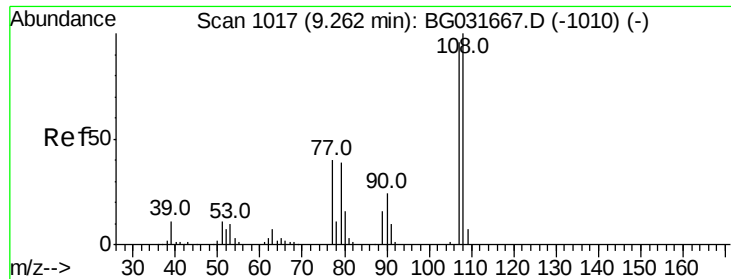
Ion Ratio Lower Upper

45 100

77 17.8 0.0 30.2

79 14.6 0.0 27.9

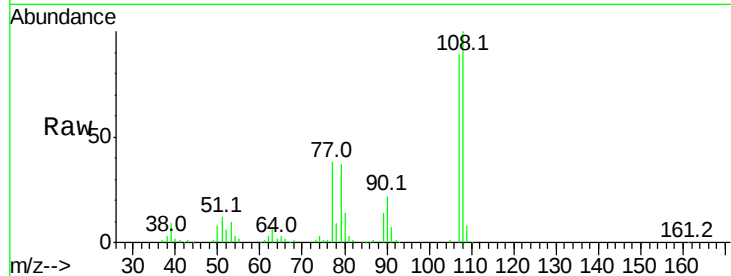




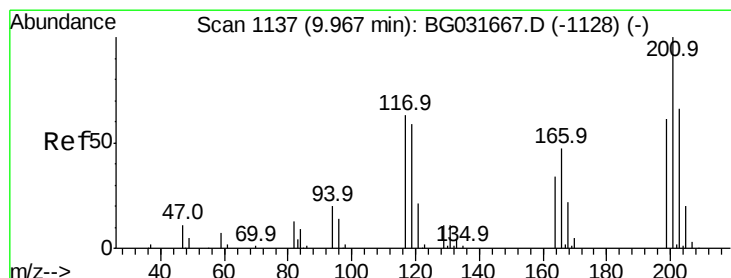
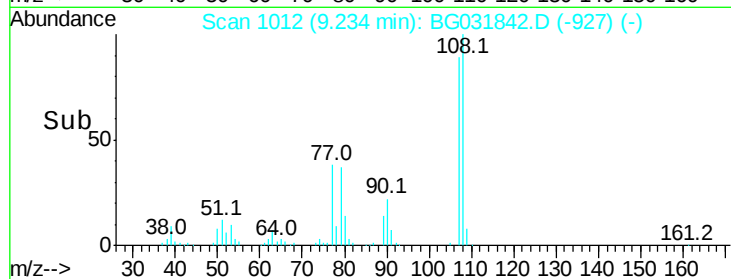
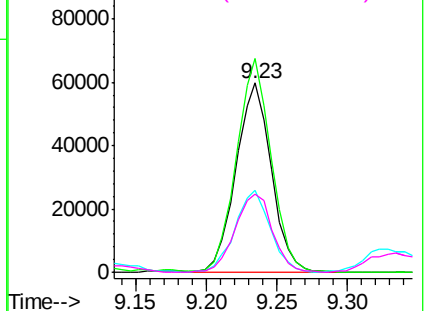
#17
2-Methylphenol
Concen: 34.697 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	104111
Ion	Ratio	Lower	Upper
107	100		
108	112.9	83.9	125.9
77	43.0	37.2	55.8
79	41.3	36.2	54.2

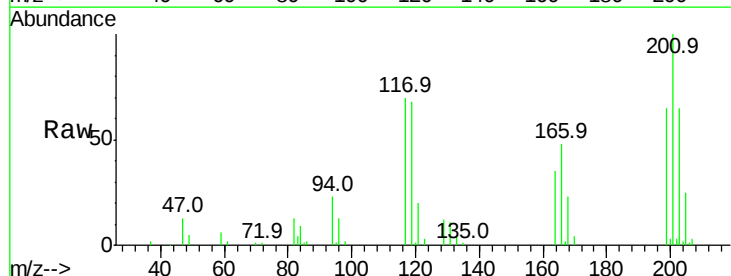


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

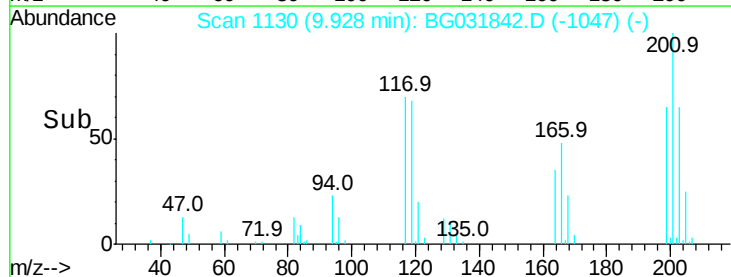
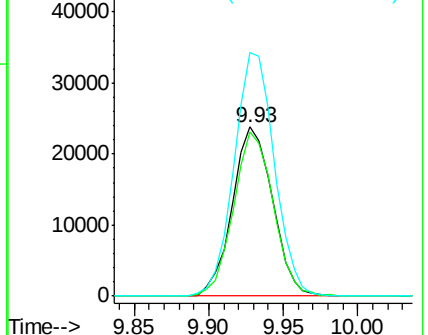


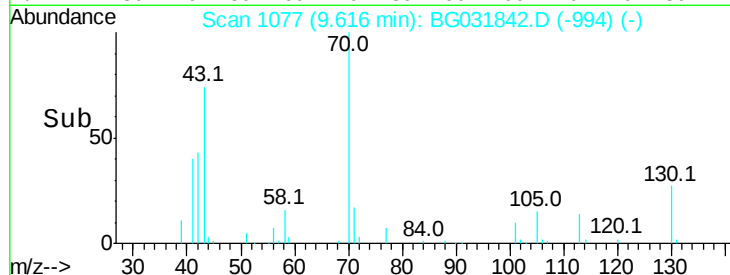
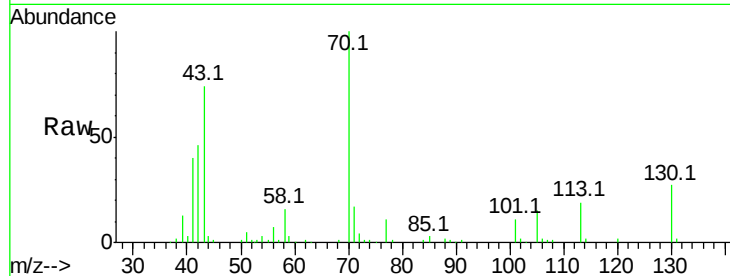
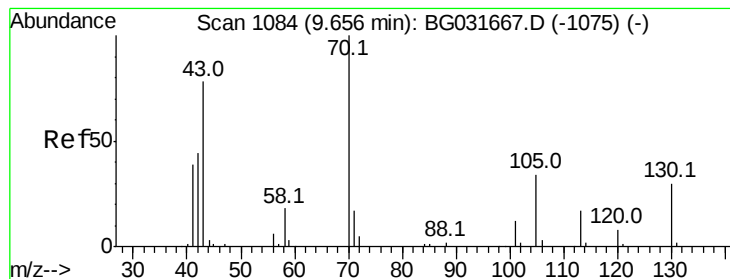
#18
Hexachloroethane
Concen: 31.386 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:	117	Resp:	44751
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.7	115.1
201	143.9	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: 28.239 ng

RT: 9.62 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 80106

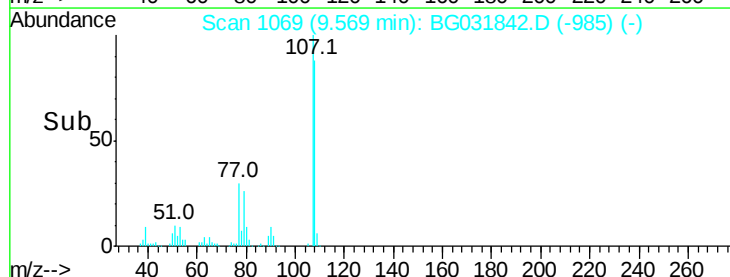
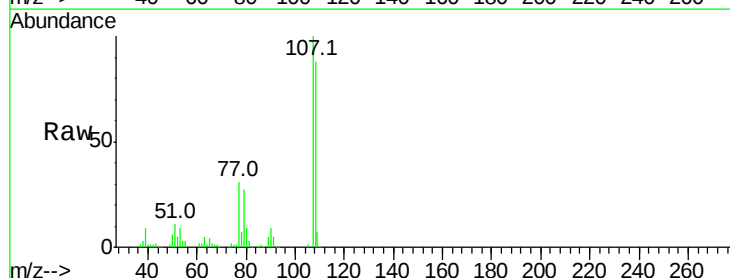
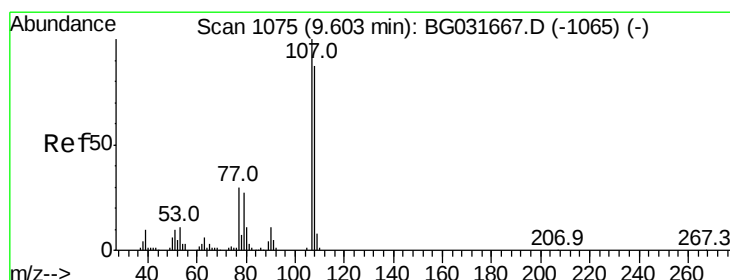
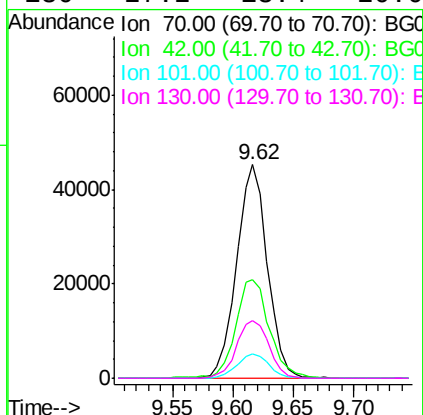
Ion Ratio Lower Upper

70 100

42 46.1 49.1 73.7#

101 11.2 8.5 12.7

130 27.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 33.820 ng

RT: 9.57 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Tgt Ion:107 Resp: 144227

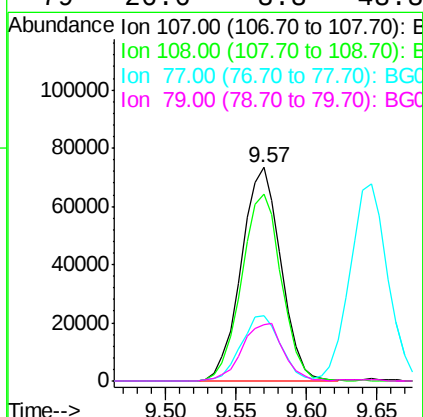
Ion Ratio Lower Upper

107 100

108 87.8 61.6 101.6

77 30.8 13.9 53.9

79 26.6 8.8 48.8

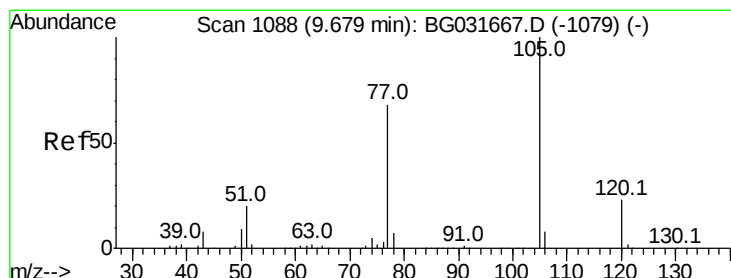
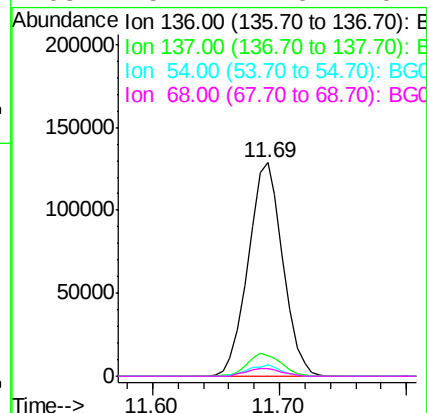
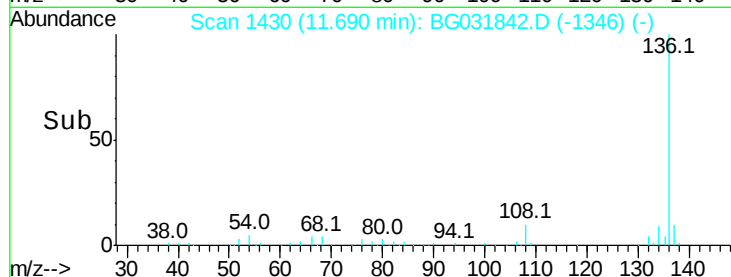
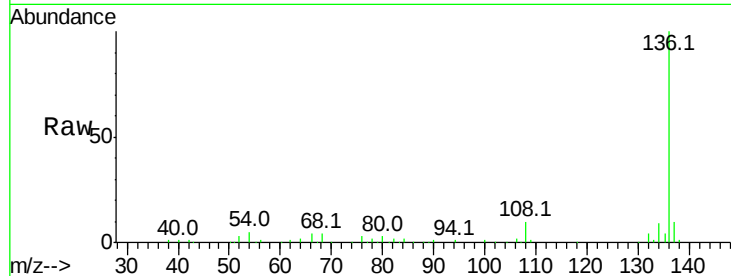




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

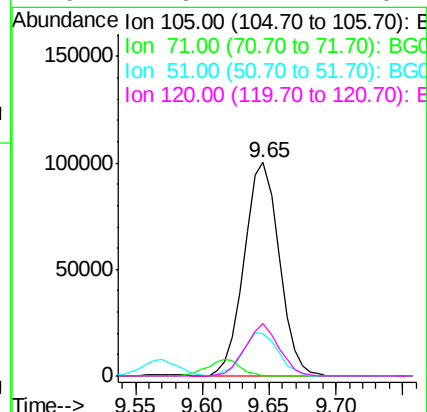
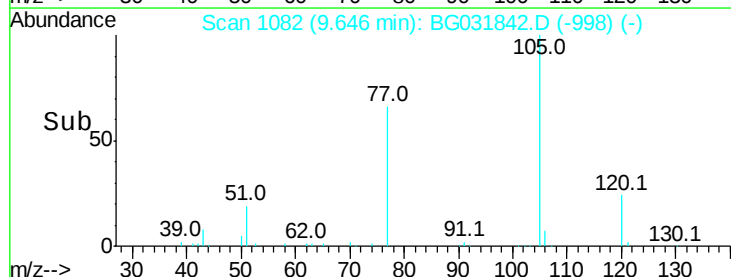
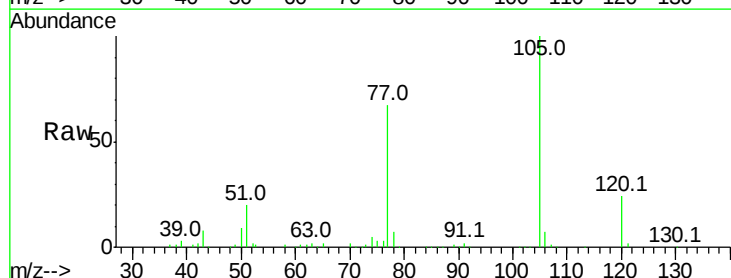
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	242905
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	5.3	10.3	15.5#
68	3.7	4.5	6.7#



#22
Acetophenone
Concen: 32.312 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:	105	Resp:	182352
Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	20.0	26.1	39.1#
120	24.5	17.4	26.2

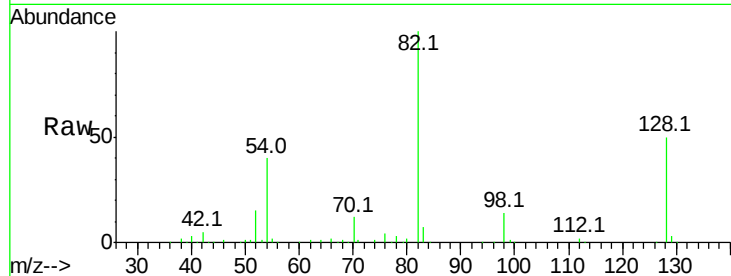




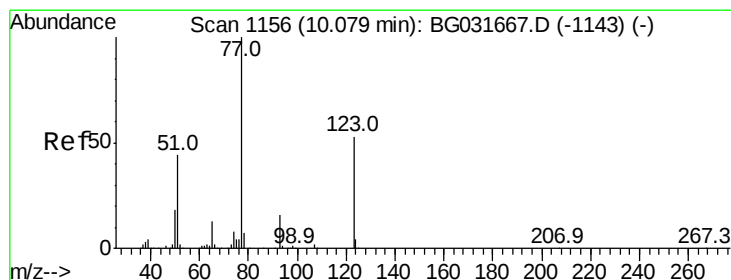
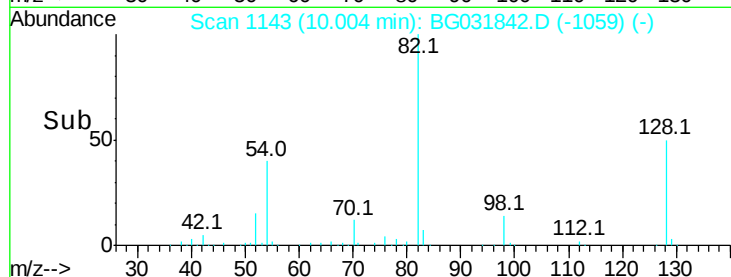
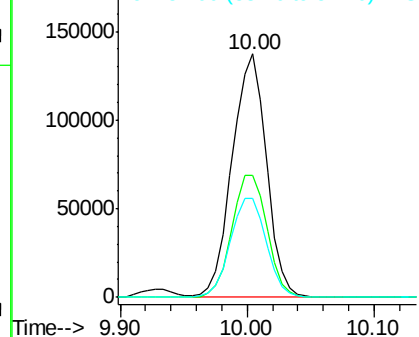
#23
 Nitrobenzene-d5
 Concen: 79.768 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 256596
 Ion Ratio Lower Upper
 82 100
 128 50.1 29.7 44.5#
 54 40.5 43.1 64.7#

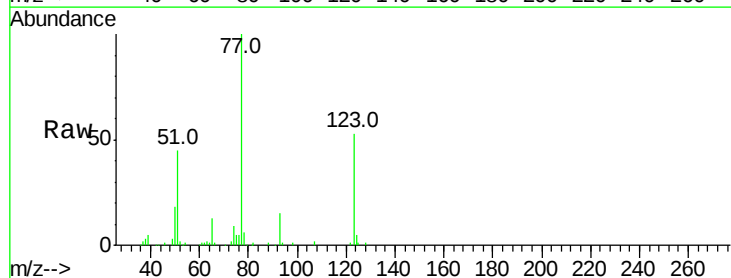


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

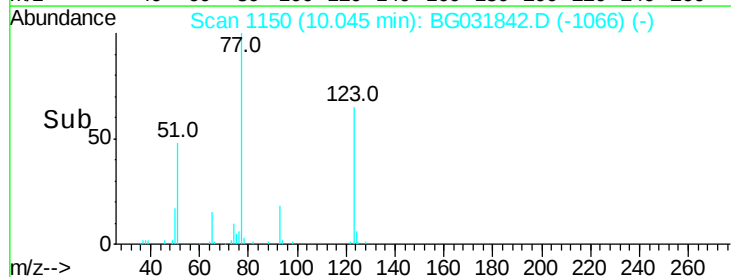
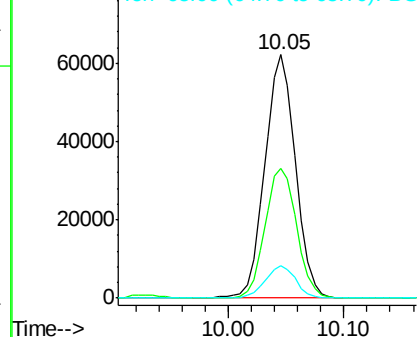


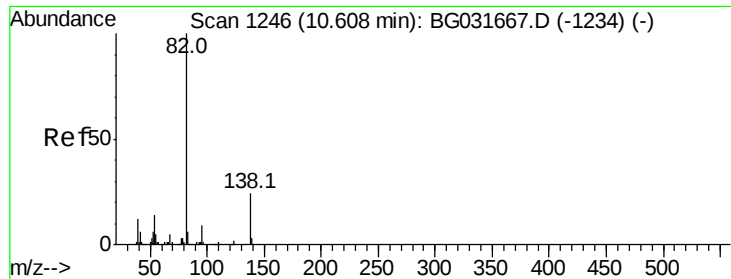
#24
 Nitrobenzene
 Concen: 34.520 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion: 77 Resp: 114446
 Ion Ratio Lower Upper
 77 100
 123 53.1 33.0 49.6#
 65 13.4 13.0 19.6



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





#25

Isophorone

Concen: 33.237 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

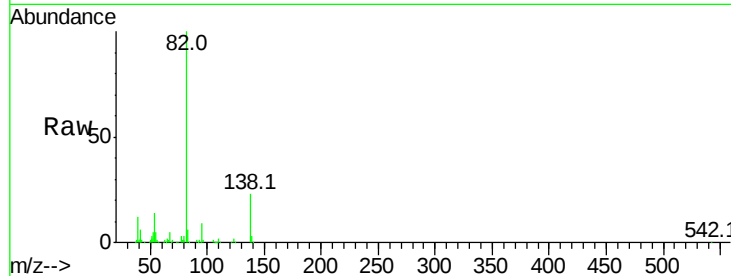
Tot Ion: 82 Resp: 230157

Ion Ratio Lower Upper

82 100

95 8.9 6.2 9.2

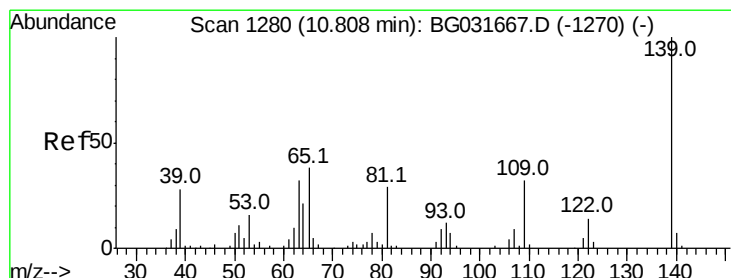
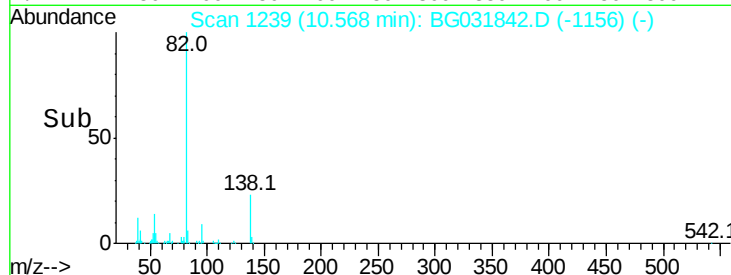
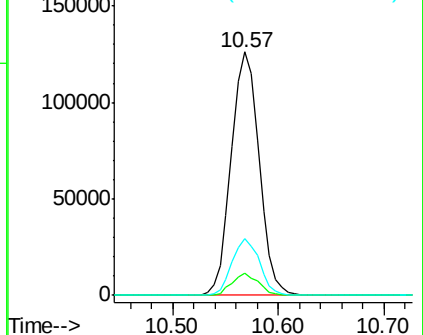
138 23.3 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.707 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

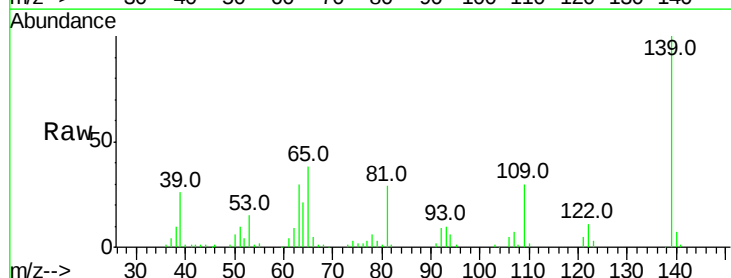
Tgt Ion: 139 Resp: 77713

Ion Ratio Lower Upper

139 100

109 30.2 24.2 36.2

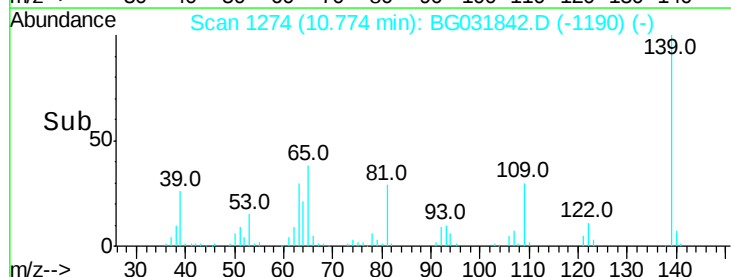
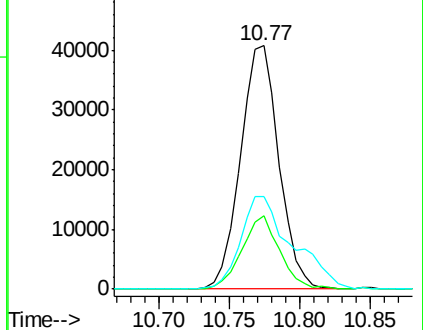
65 37.9 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

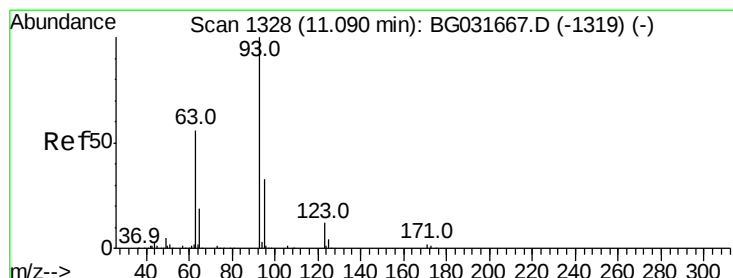
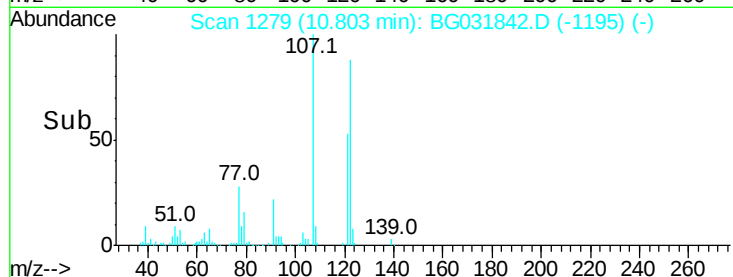
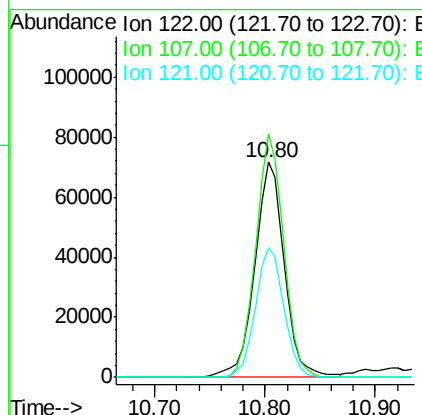
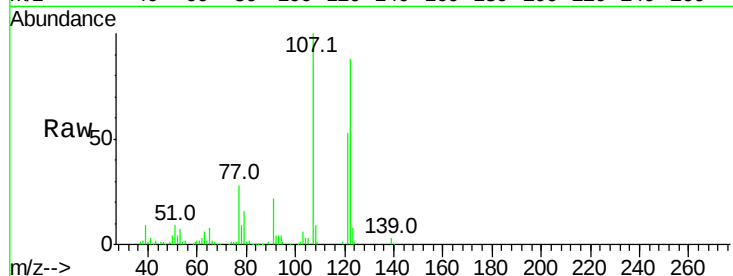




#27
 2,4-Dimethylphenol
 Concen: 36.938 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

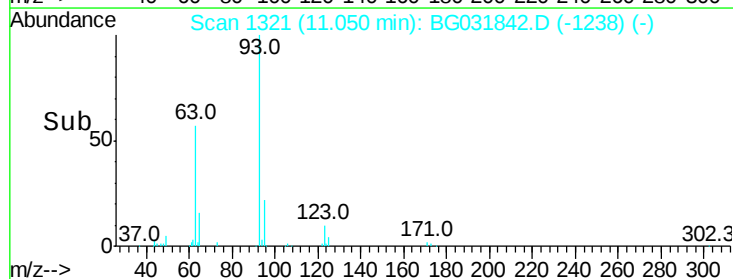
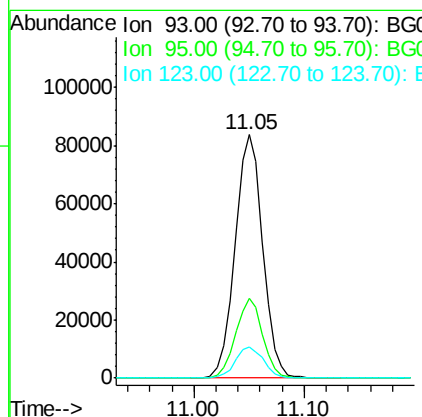
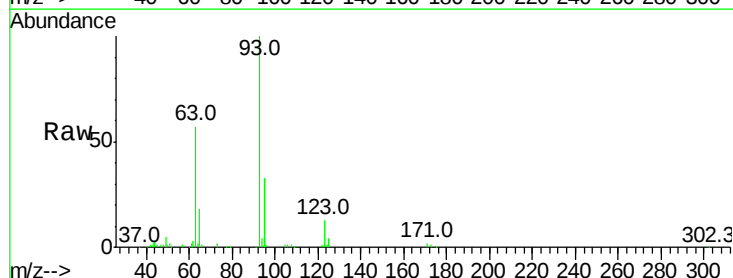
Instrument :
 BNA_G
 ClientSampleId :

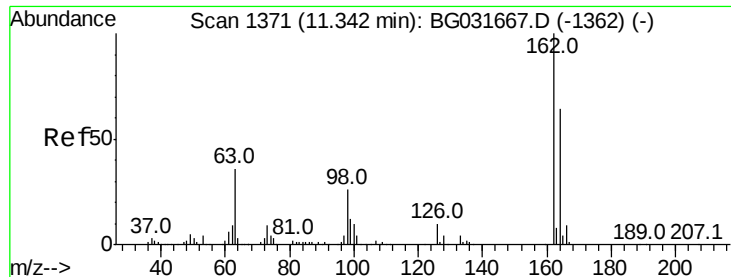
Tot Ion:122 Resp: 135113
 Ion Ratio Lower Upper
 122 100
 107 113.3 100.2 150.2
 121 60.4 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.515 ng
 RT: 11.05 min Scan# 1321
 Delta R.T. -0.04 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion: 93 Resp: 146436
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.3 36.5
 123 12.5 8.4 12.6

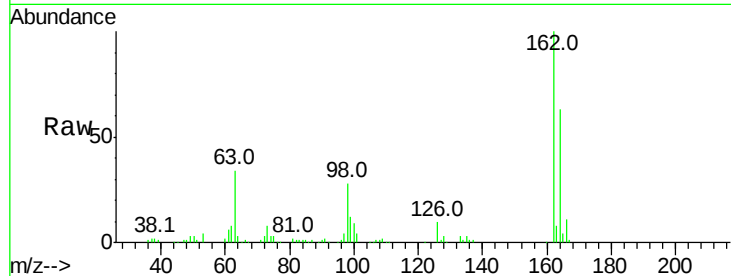




#29
2,4-Dichlorophenol
Concen: 37.182 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.0	88.0
98	28.5	21.1	61.1

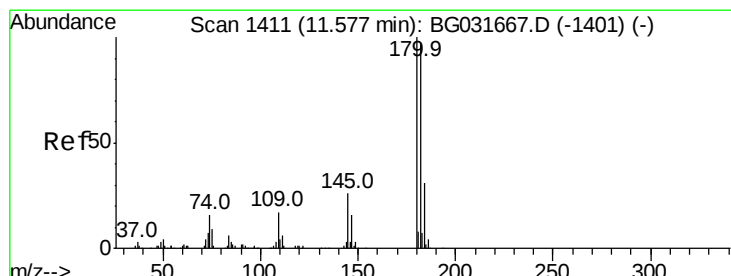
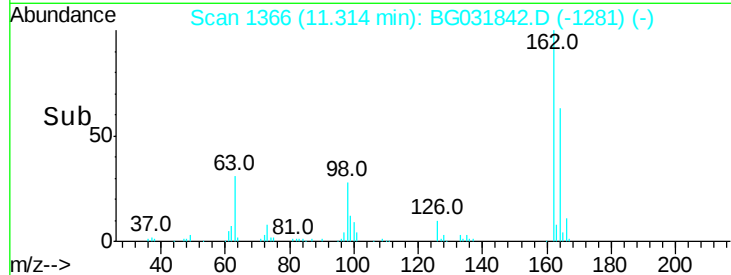
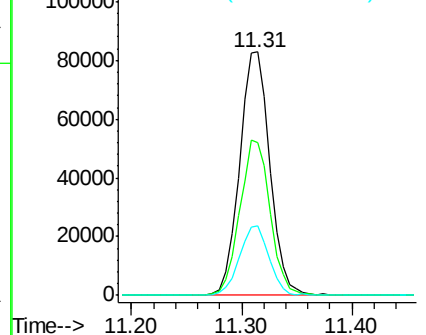


Abundance

Ion 162.00 (161.70 to 162.70): E

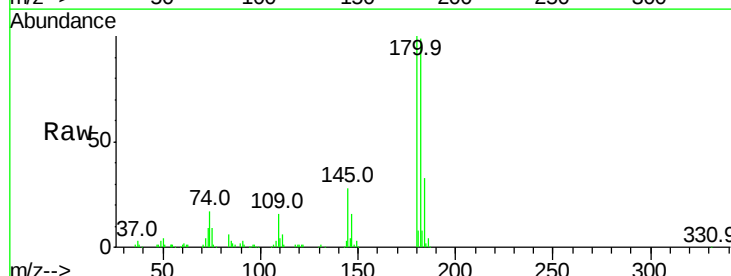
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 31.397 ng
RT: 11.54 min Scan# 1404
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.5	116.3
145	27.6	23.4	35.2

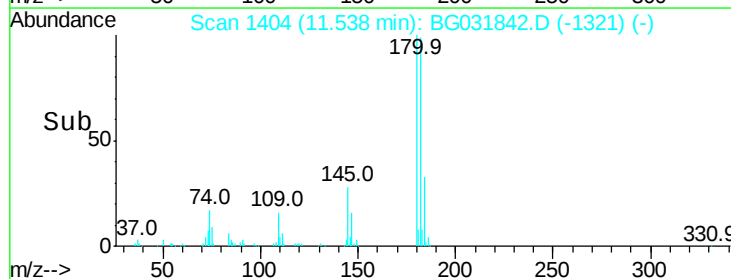
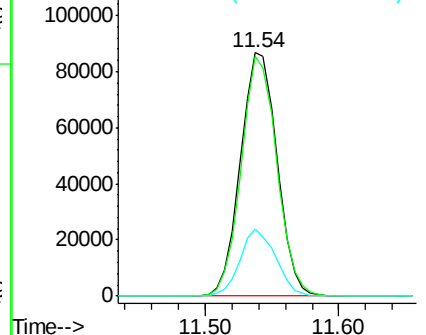


Abundance

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: 31.940 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

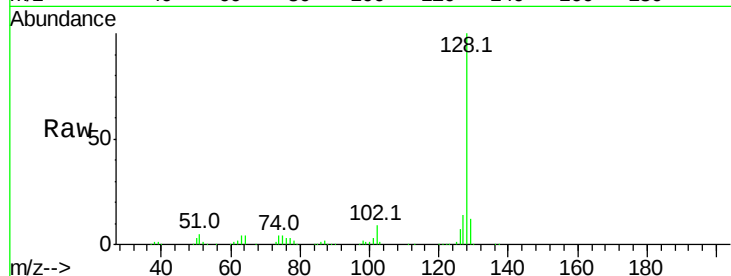
Tot Ion:128 Resp: 391549

Ion Ratio Lower Upper

128 100

129 11.8 8.6 12.8

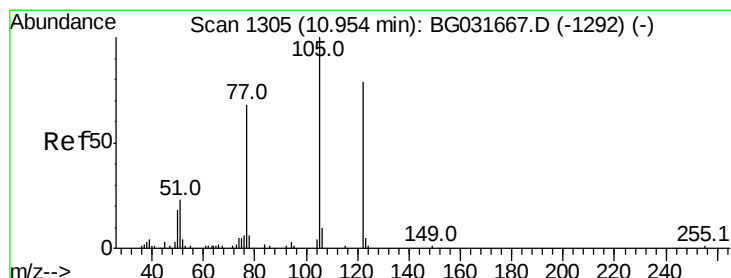
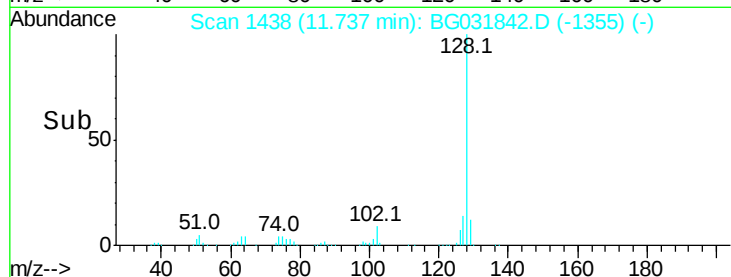
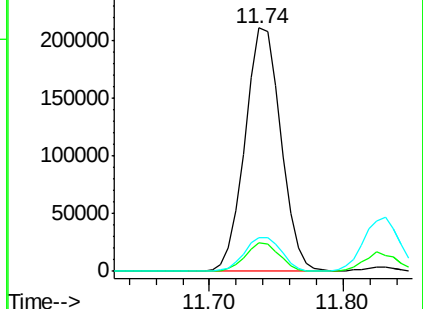
127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.747 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

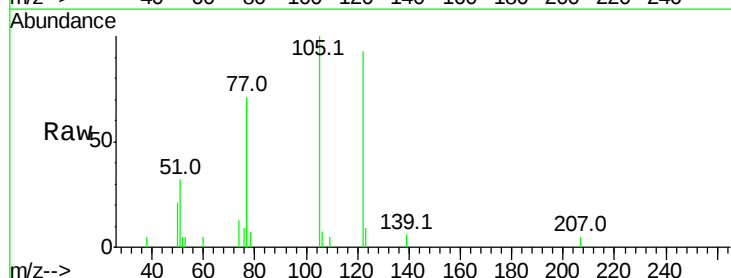
Tgt Ion:122 Resp: 11747

Ion Ratio Lower Upper

122 100

105 107.6 123.5 163.5#

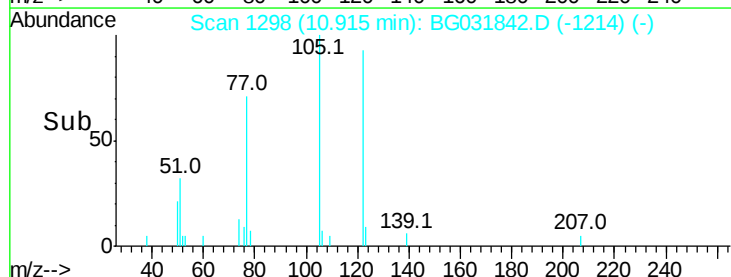
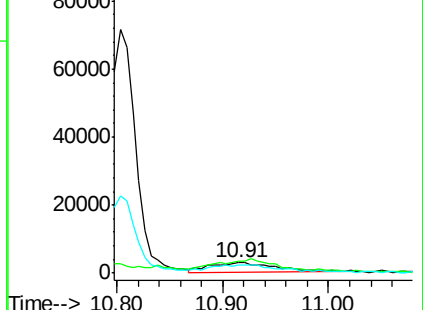
77 76.7 85.7 125.7#

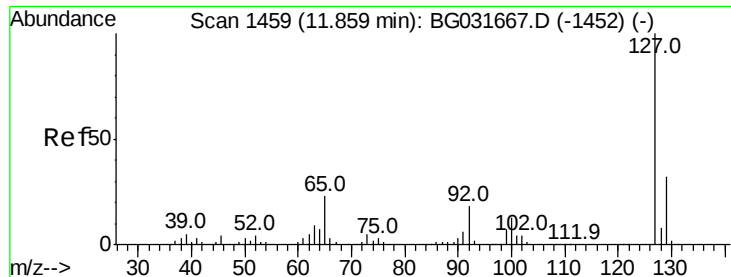


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

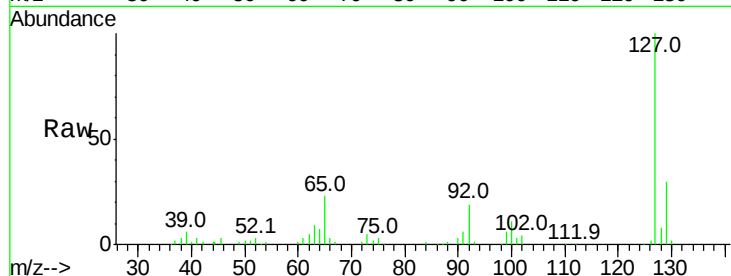




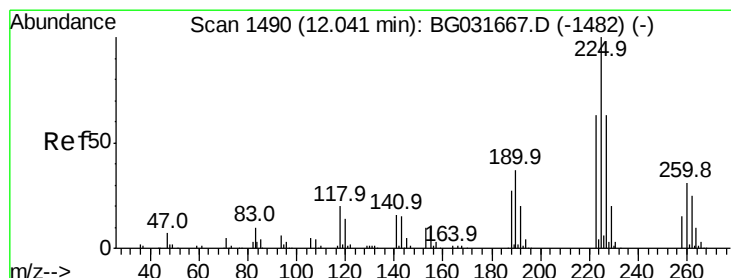
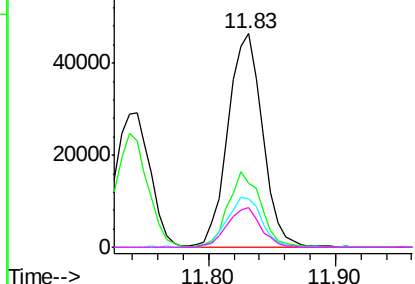
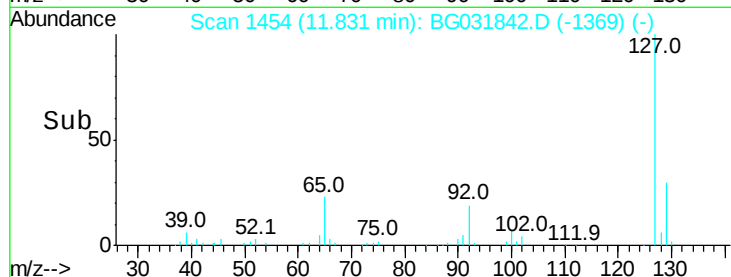
#33
4-Chloroaniline
Concen: 16.063 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	87667
Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.0	36.0
65	23.0	27.0	40.4
92	18.8	16.6	25.0

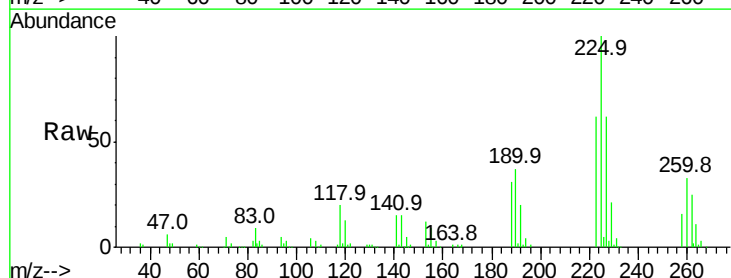


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

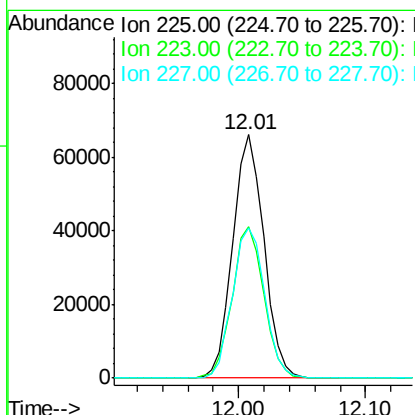
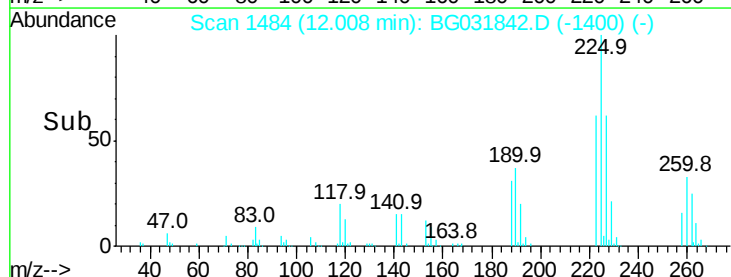


#34
Hexachlorobutadiene
Concen: 31.134 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:	225	Resp:	112067
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	61.7	48.1	72.1



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





#35

Caprolactam

Concen: 34.304 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

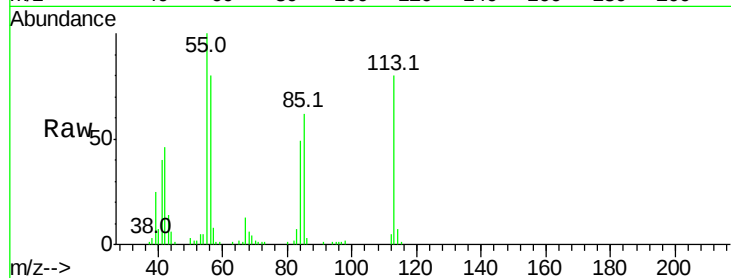
Tot Ion:113 Resp: 44651

Ion Ratio Lower Upper

113 100

55 124.5 186.9 226.9#

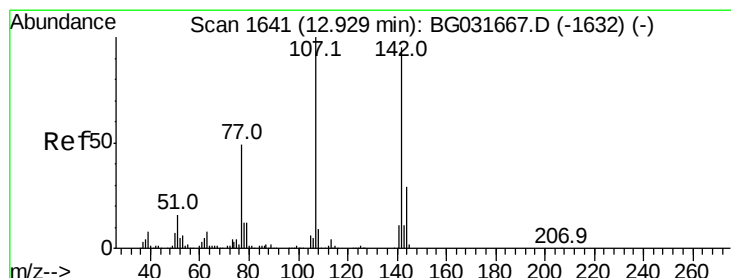
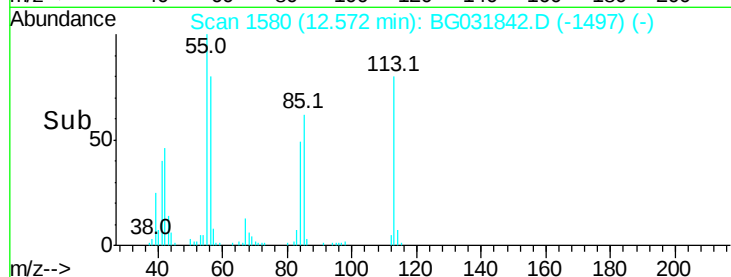
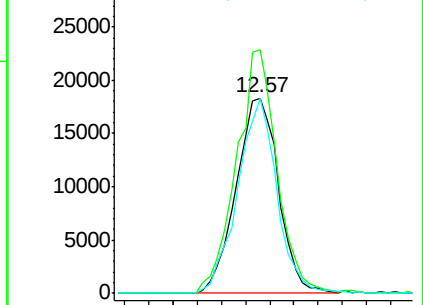
56 99.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 34.955 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

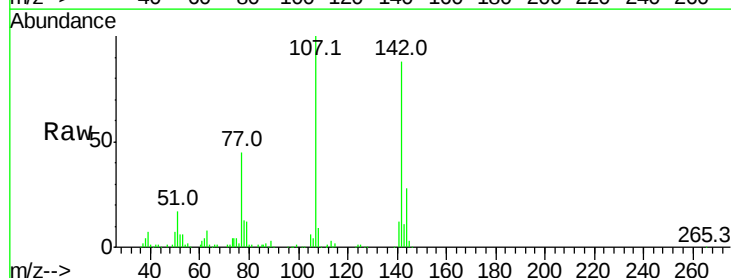
Tgt Ion:107 Resp: 138628

Ion Ratio Lower Upper

107 100

144 28.2 18.2 27.4#

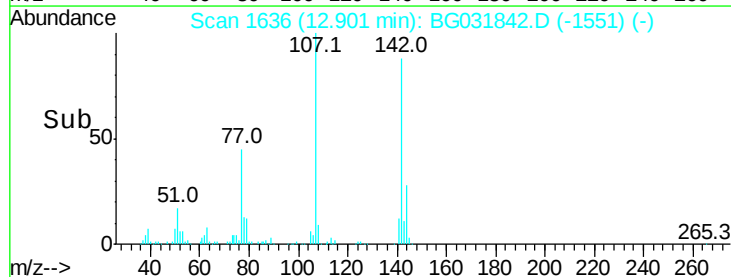
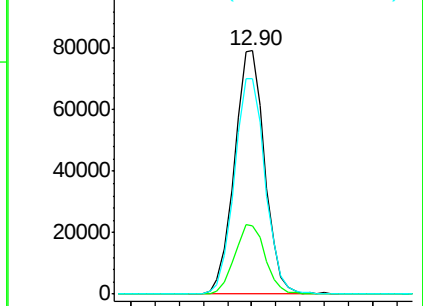
142 88.4 59.0 88.4

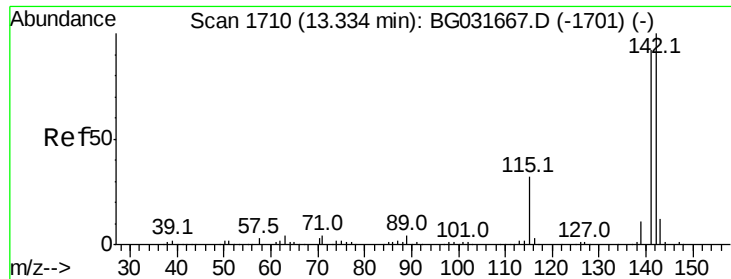


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

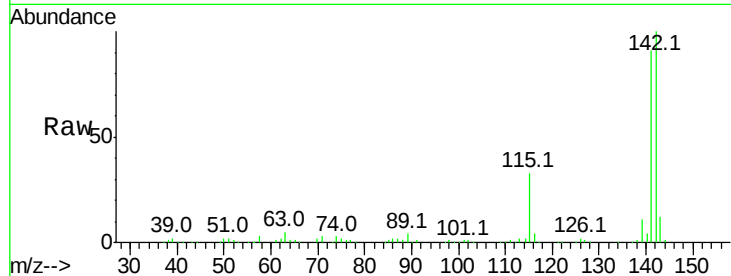




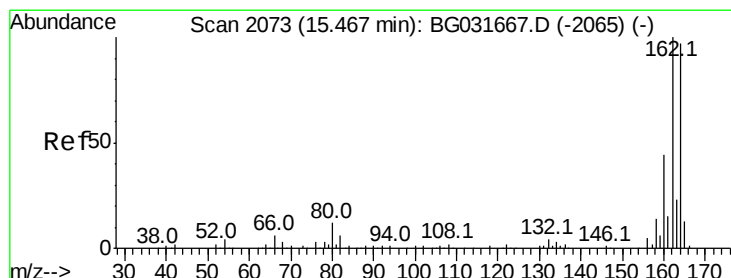
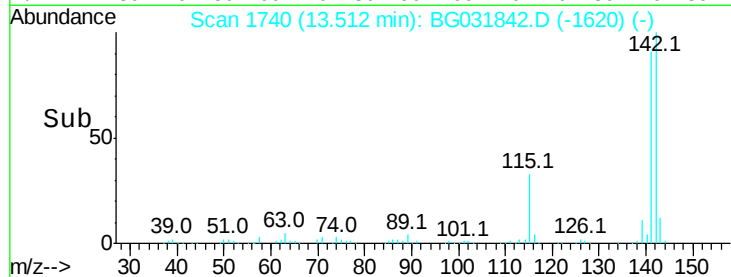
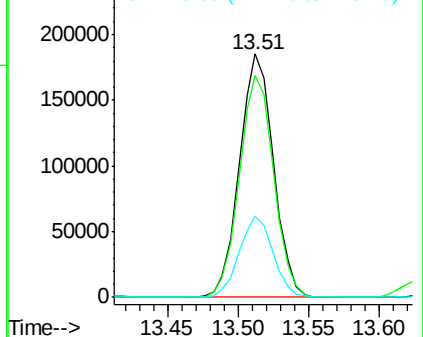
#37
2-Methylnaphthalene
Concen: 31.319 ng
RT: 13.51 min Scan# 1740
Delta R.T. 0.18 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	33.2	30.7	46.1

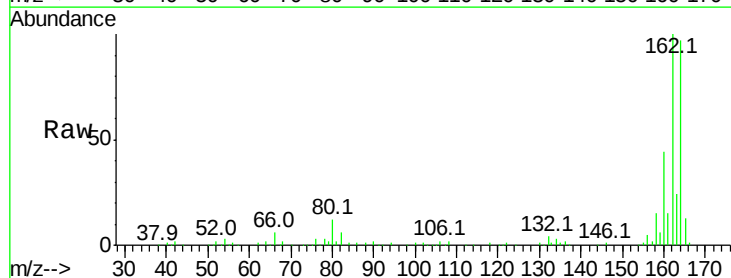


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

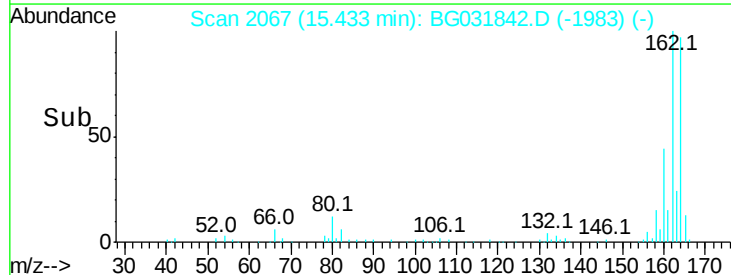
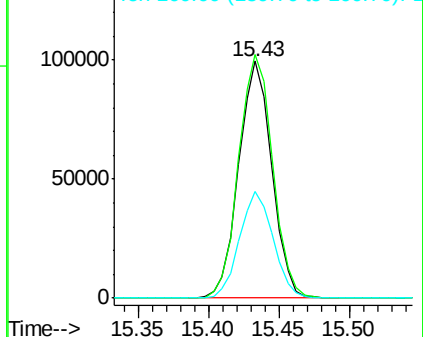


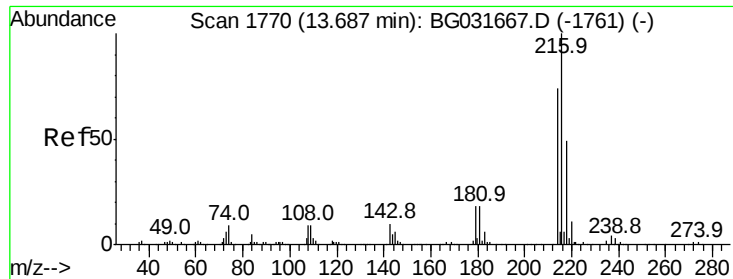
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	44.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

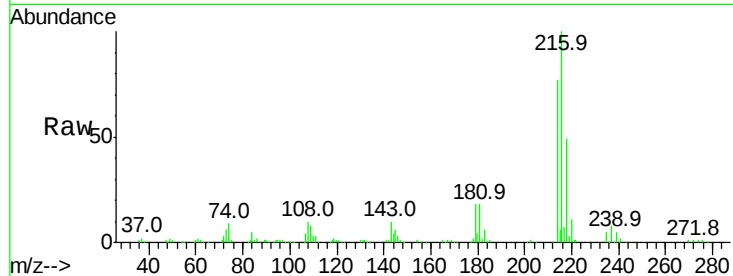




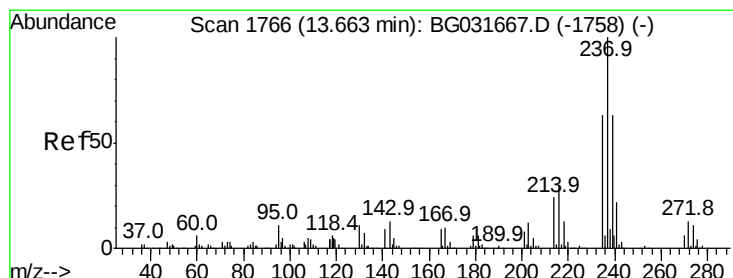
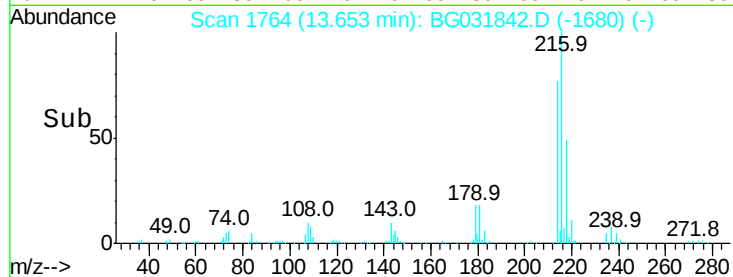
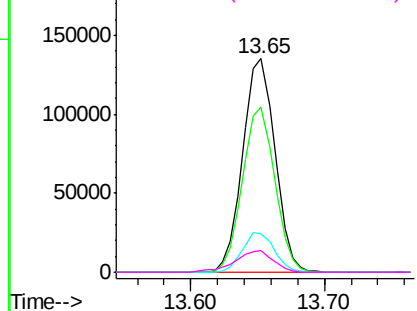
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.951 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216 Resp: 225648
 Ion Ratio Lower Upper
 216 100
 214 77.8 63.0 94.4
 179 18.3 17.0 25.6
 108 12.0 12.8 19.2#

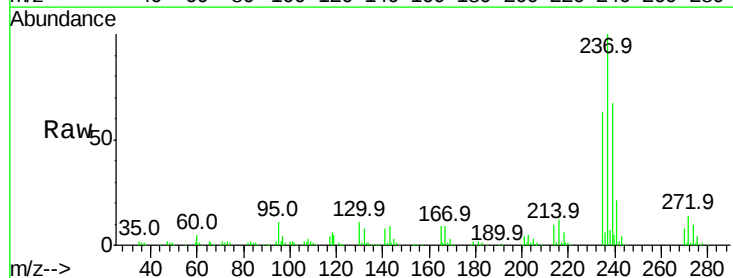


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

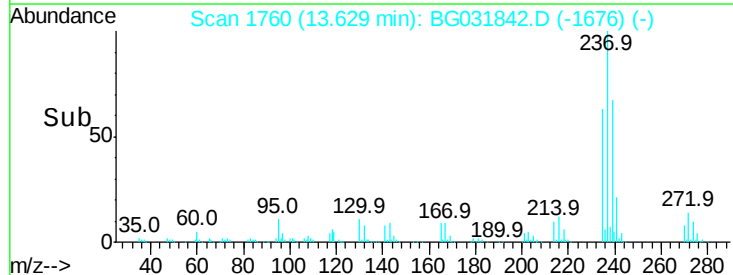
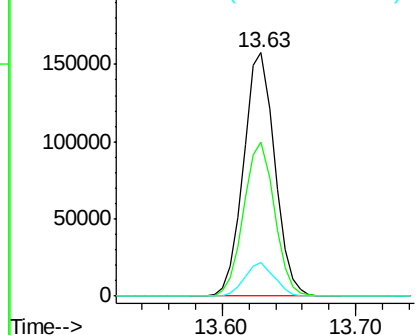


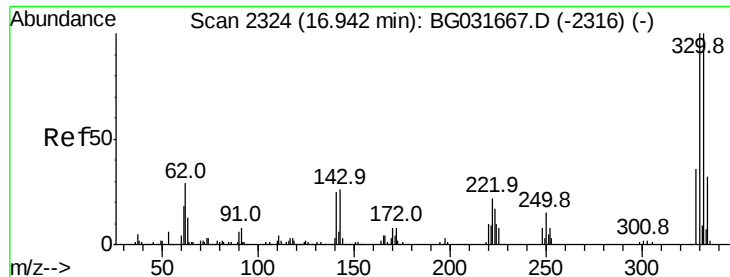
#40
 Hexachlorocyclopentadiene
 Concen: 70.125 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion:237 Resp: 253335
 Ion Ratio Lower Upper
 237 100
 235 63.2 50.4 90.4
 272 13.7 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: 117.571 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampled :

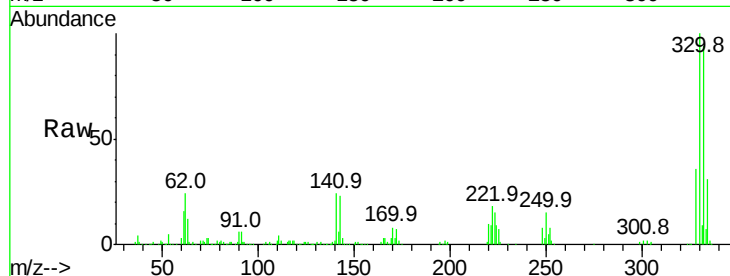
Tot Ion:330 Resp: 291666

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

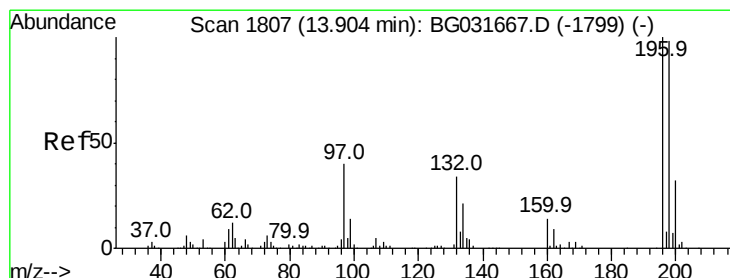
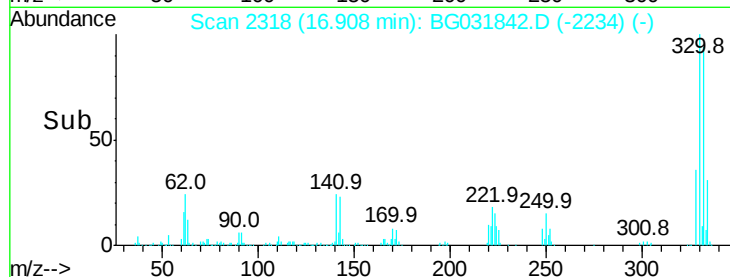
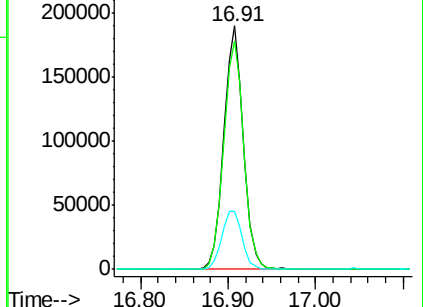
141 25.3 25.2 37.8



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: 36.367 ng

RT: 13.88 min Scan# 1802

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

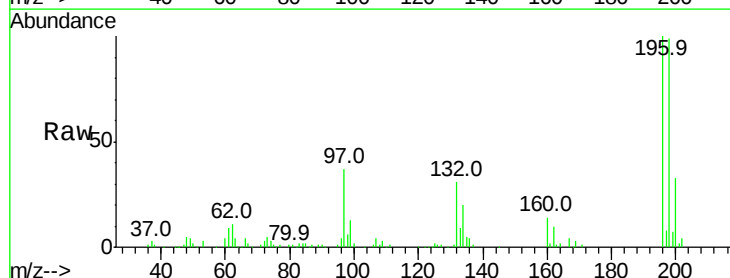
Tgt Ion:196 Resp: 143589

Ion Ratio Lower Upper

196 100

198 99.4 78.2 117.2

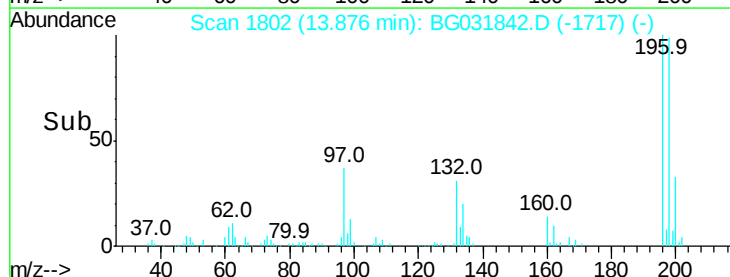
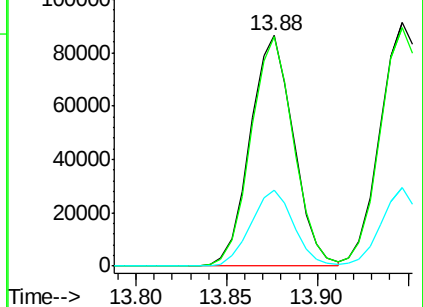
200 32.9 24.6 36.8



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

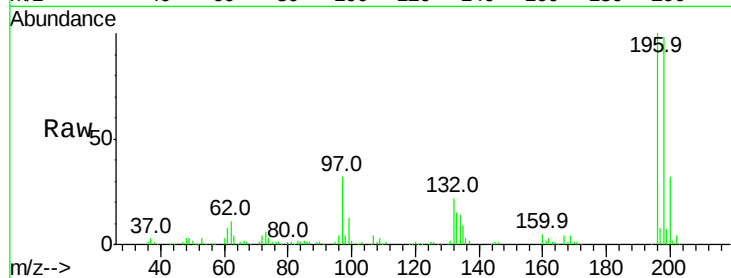




#43
 2,4,5-Trichlorophenol
 Concen: 35.207 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.2	114.4
97	32.4	38.7	58.1
132	21.9	20.2	30.2



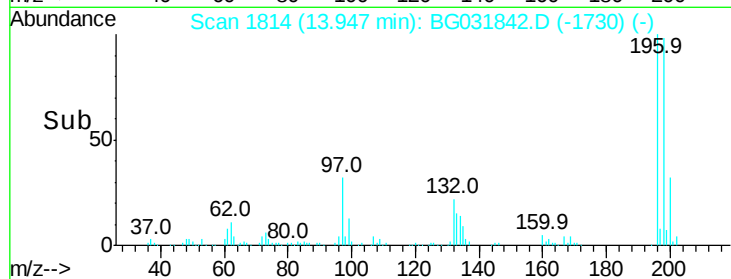
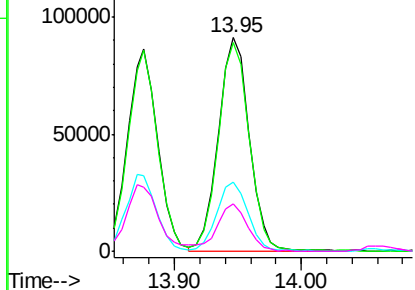
Abundance

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: 71.864 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

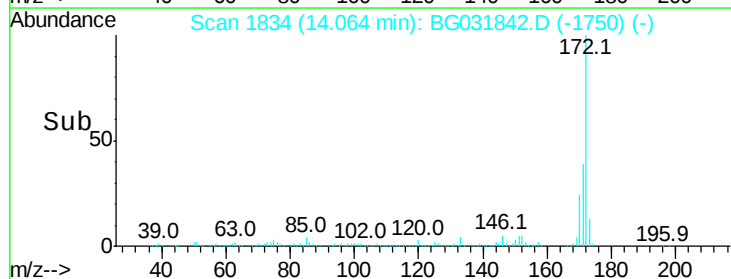
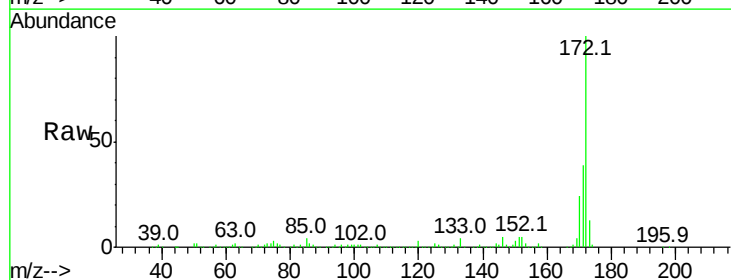
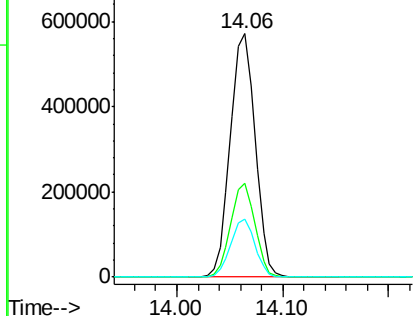
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.6	19.5	29.3

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: 33.334 ng

RT: 14.28 min Scan# 1870

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

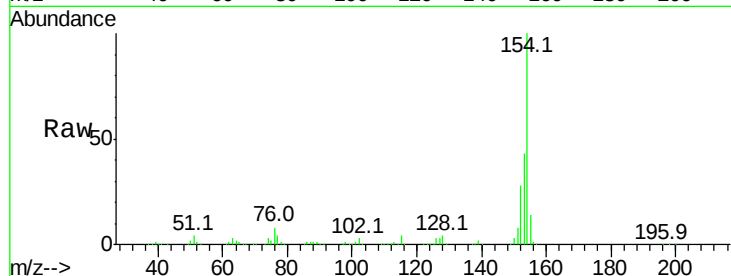
Tot Ion:154 Resp: 462878

Ion Ratio Lower Upper

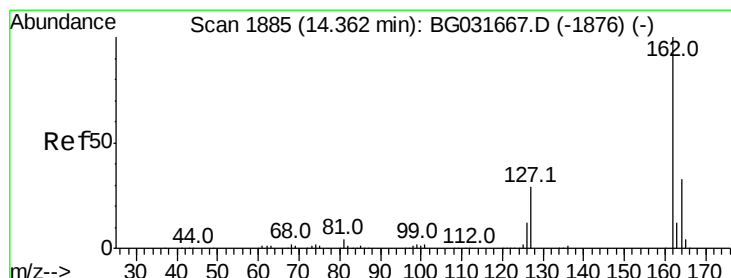
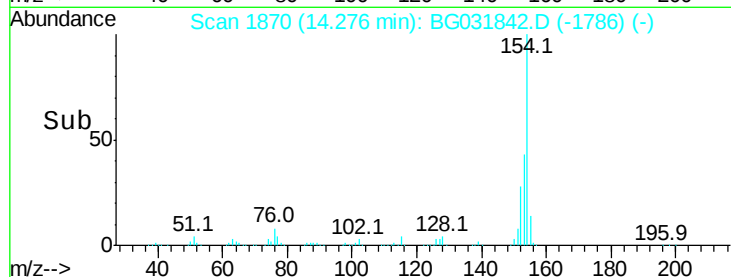
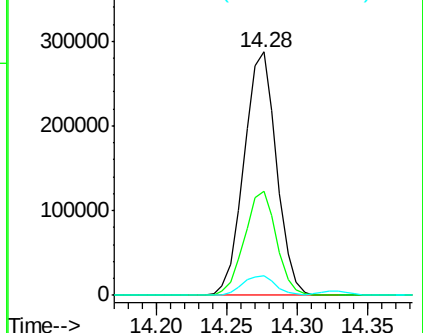
154 100

153 42.7 19.8 59.8

76 8.2 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 32.647 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

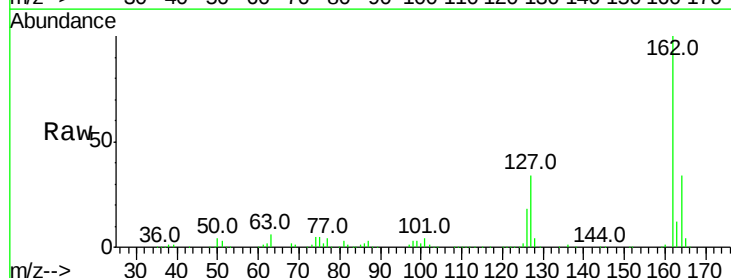
Tgt Ion:162 Resp: 345787

Ion Ratio Lower Upper

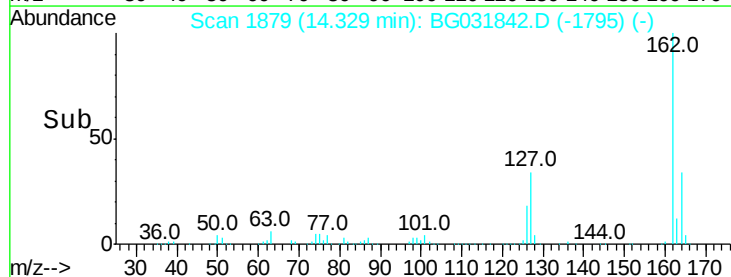
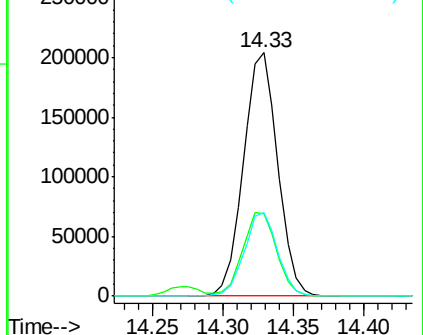
162 100

127 33.8 30.7 46.1

164 34.3 26.0 39.0



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





#47

2-Nitroaniline

Concen: 38.288 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

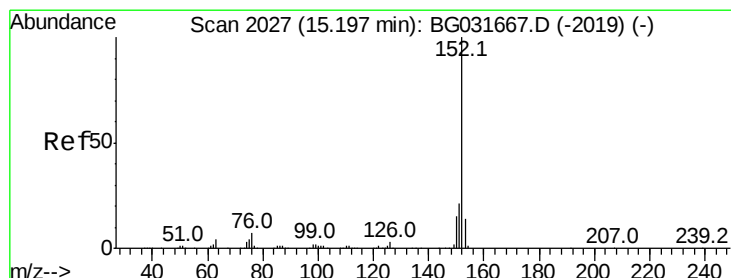
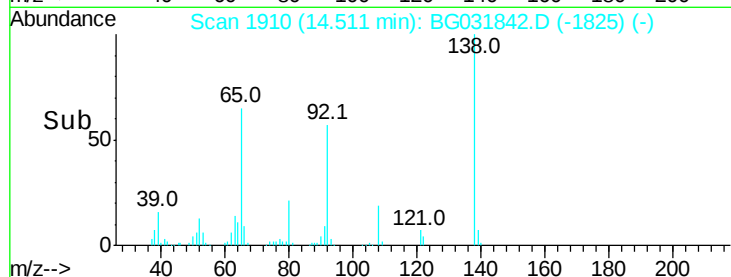
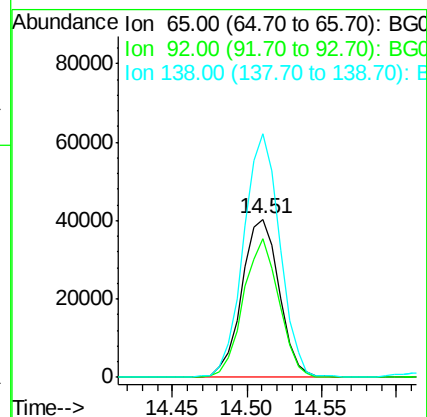
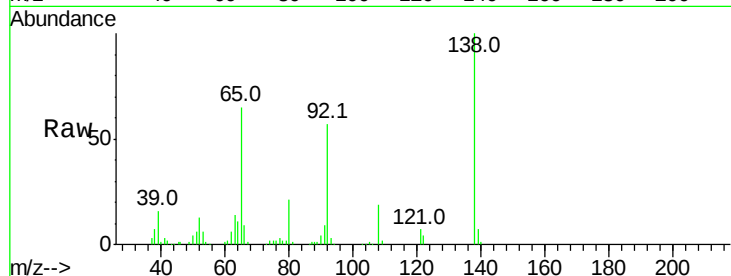
Tot Ion: 65 Resp: 70039

Ion Ratio Lower Upper

65 100

92 87.5 54.6 82.0#

138 153.9 72.9 109.3#



#48

Acenaphthylene

Concen: 30.897 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

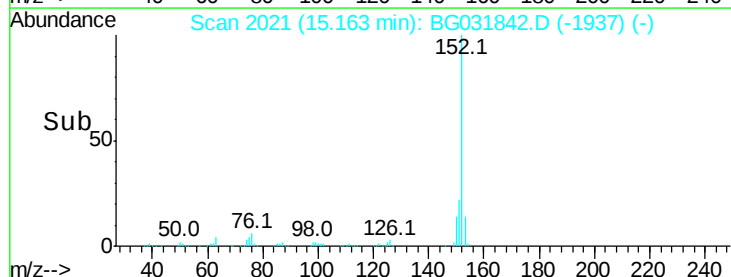
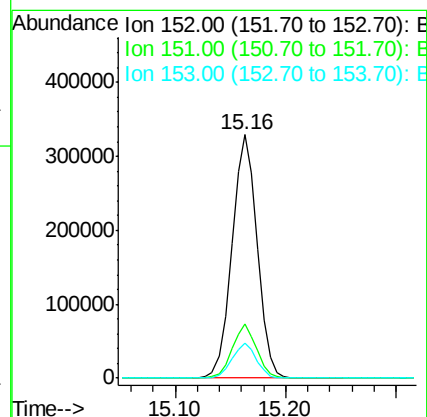
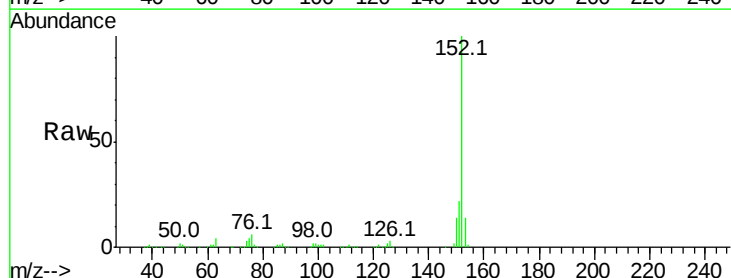
Tgt Ion: 152 Resp: 523533

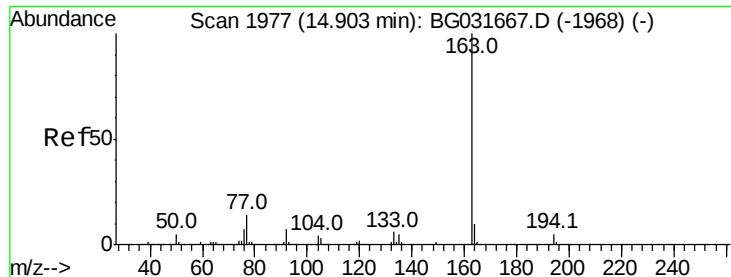
Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

153 14.2 10.2 15.4

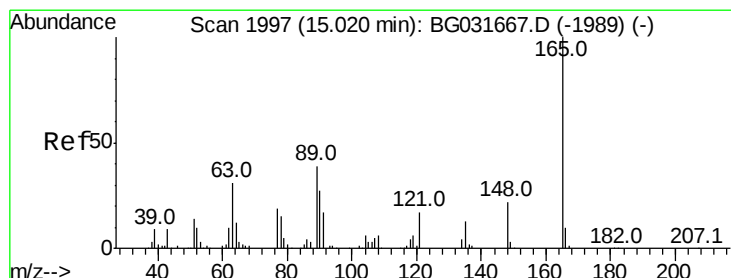
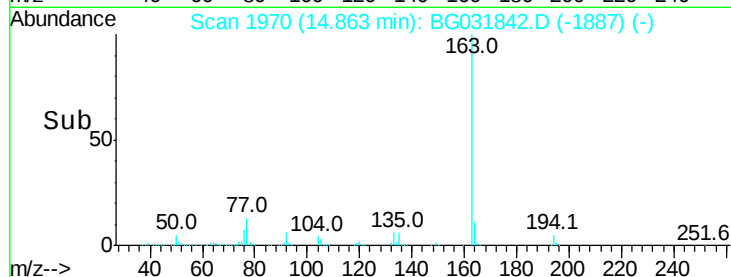
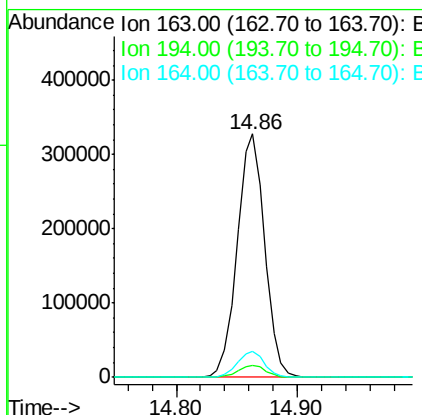
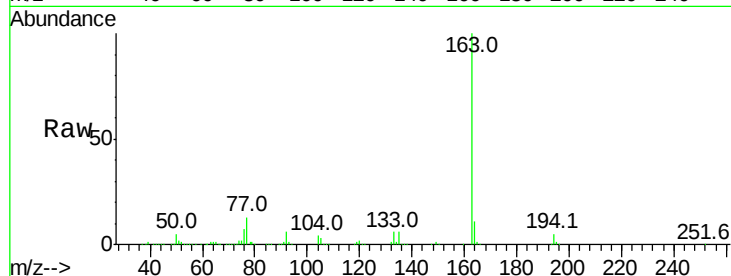




#49
Dimethylphthalate
Concen: 36.164 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

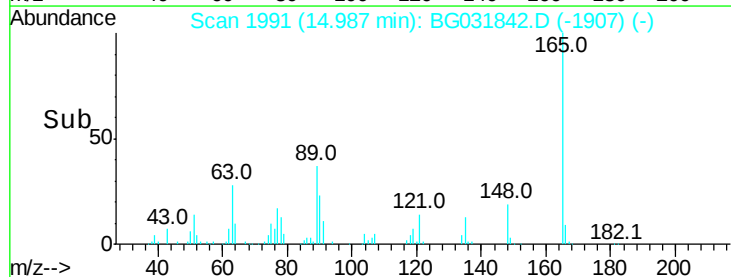
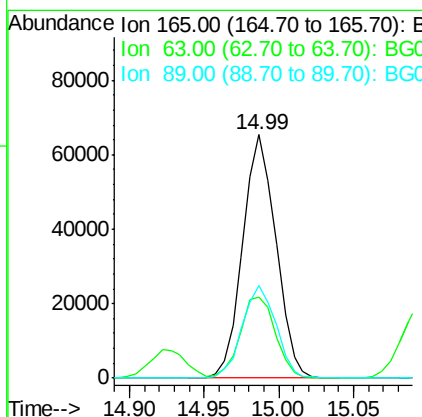
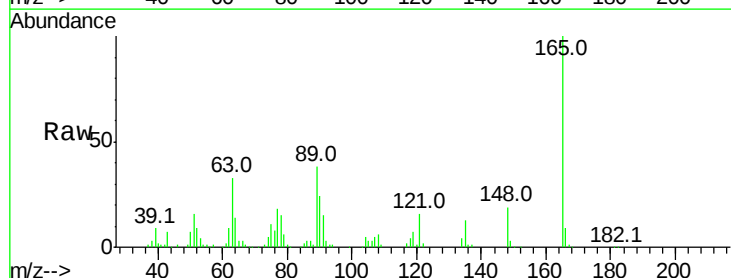
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.5	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 38.301 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.4	52.7	79.1#
89	37.8	49.2	73.8#





#51

Acenaphthene

Concen: 30.619 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

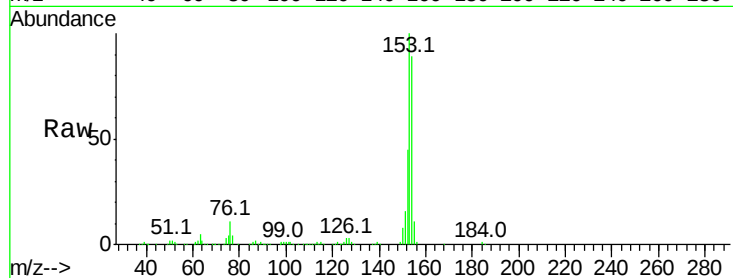
Tot Ion:154 Resp: 339795

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

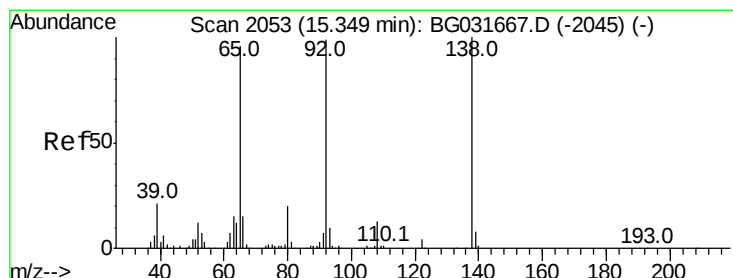
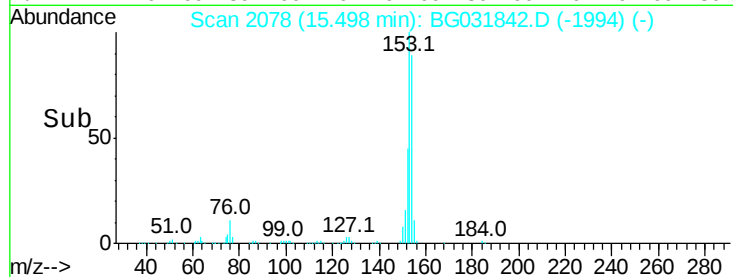
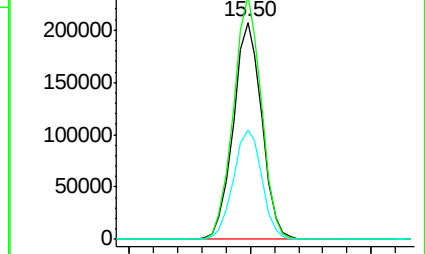
152 50.4 41.6 62.4



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: 24.891 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

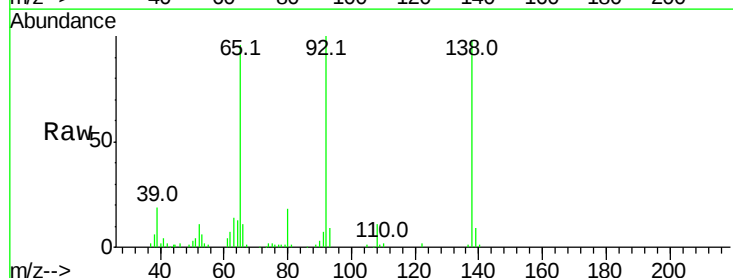
Tgt Ion:138 Resp: 63986

Ion Ratio Lower Upper

138 100

108 11.7 17.5 26.3#

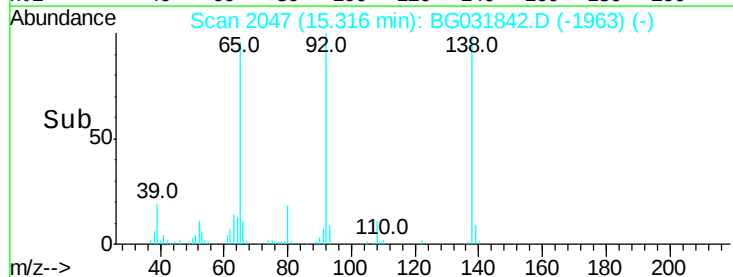
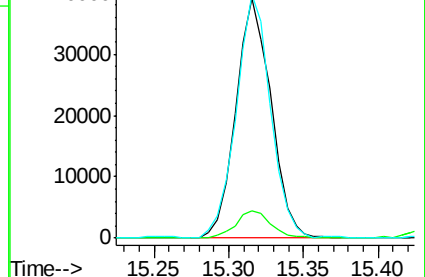
92 101.8 105.8 158.8#

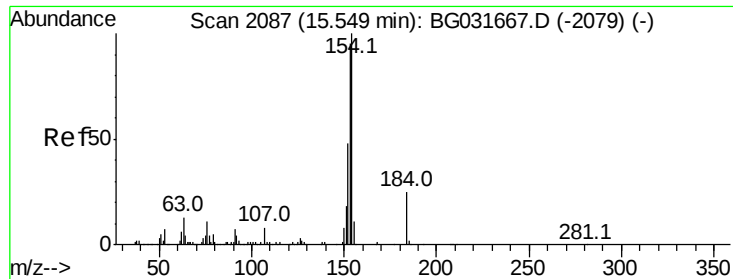


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

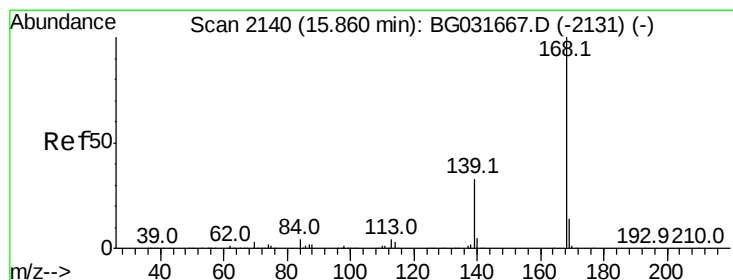
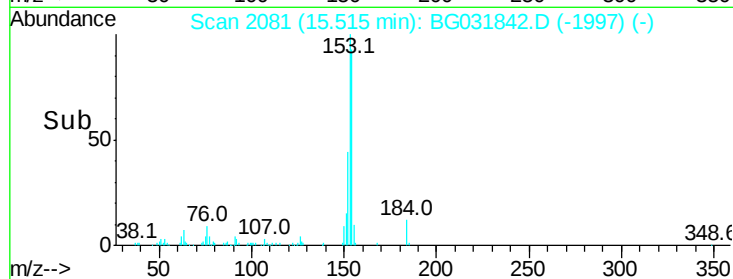
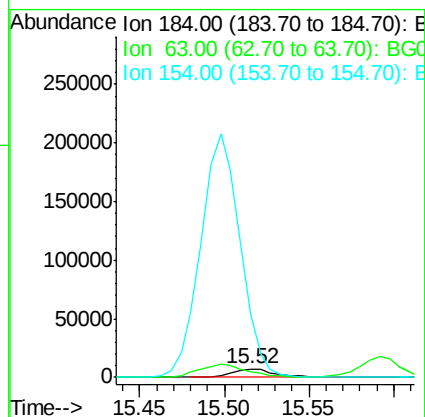
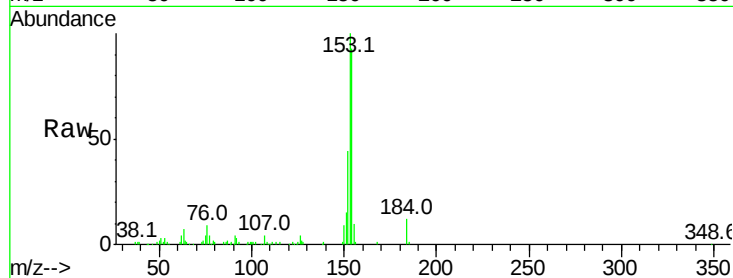




#53
2,4-Dinitrophenol
Concen: 18.376 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

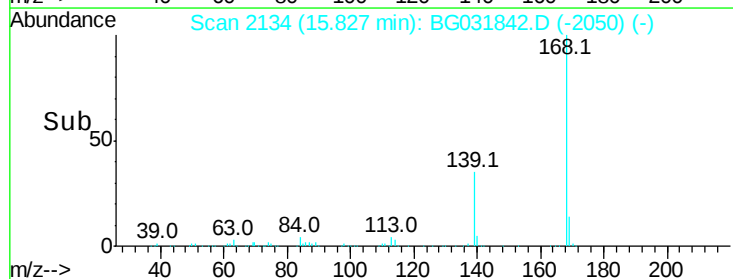
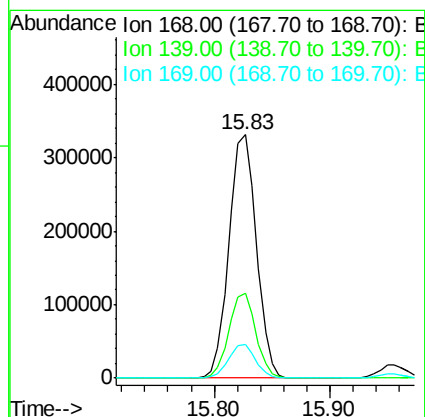
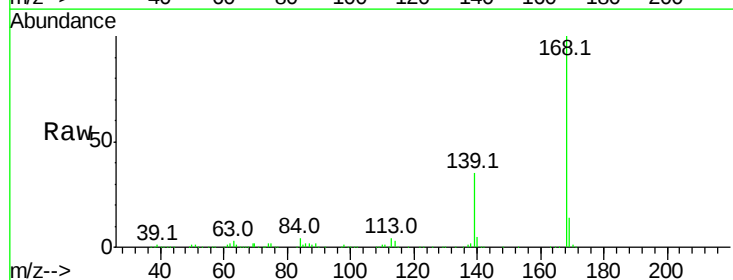
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 13293
Ion Ratio Lower Upper
184 100
63 58.6 59.8 89.8#
154 750.8 101.8 152.8#



#54
Dibenzofuran
Concen: 32.040 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:168 Resp: 545039
Ion Ratio Lower Upper
168 100
139 34.9 28.6 43.0
169 13.7 11.2 16.8

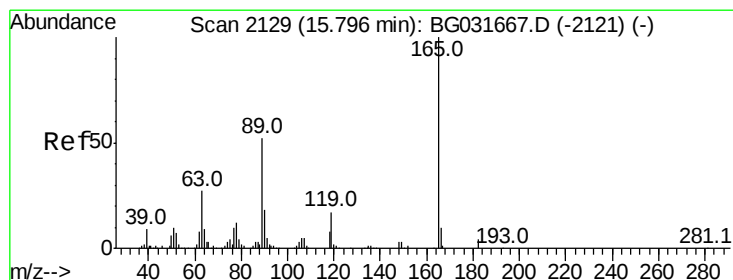
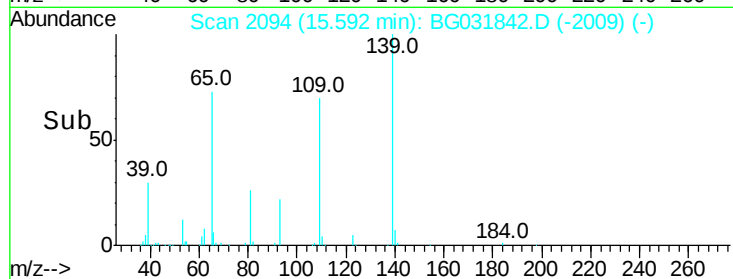
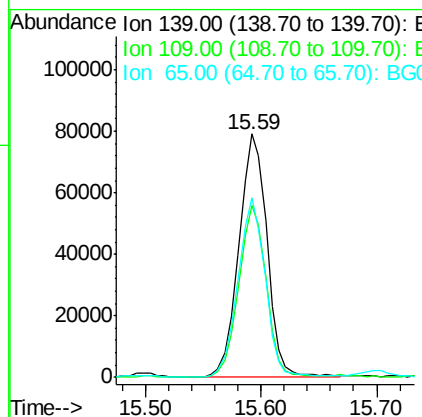
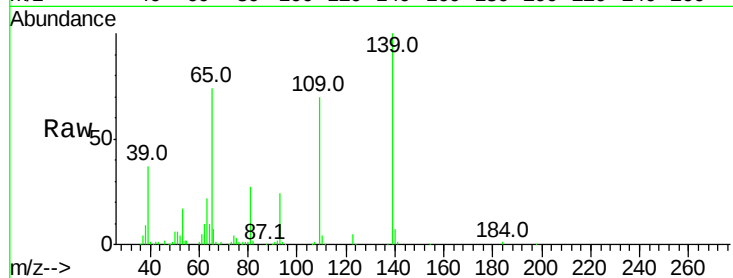




#55
4-Nitrophenol
Concen: 64.181 ng
RT: 15.59 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

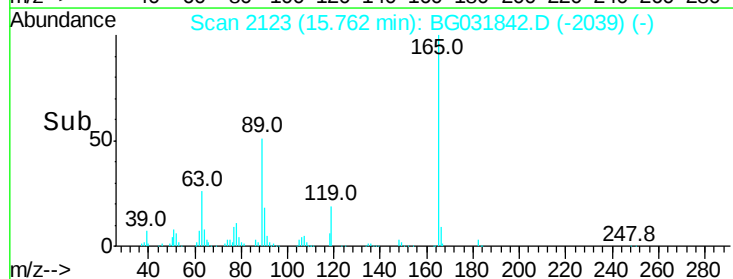
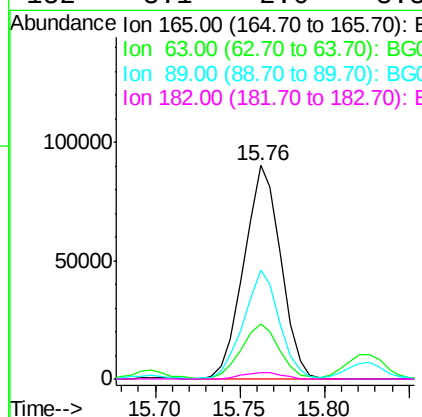
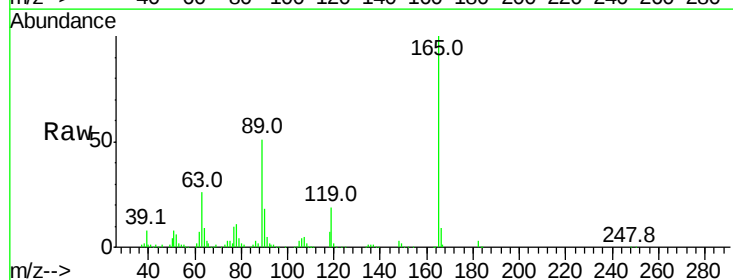
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.4	62.2	102.2
65	73.7	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 40.661 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	25.8	42.0	63.0#
89	50.9	66.9	100.3#
182	3.1	2.6	3.8





#57

Fluorene

Concen: 31.706 ng

RT: 16.47 min Scan# 2243

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

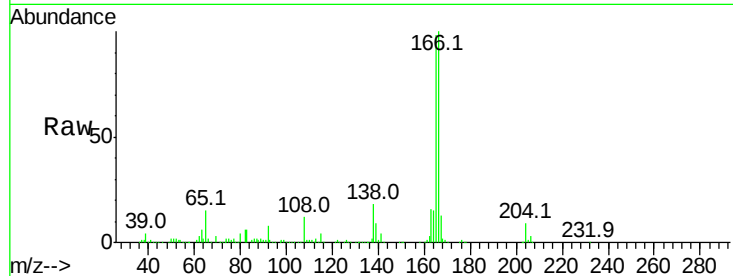
Tot Ion:166 Resp: 438155

Ion Ratio Lower Upper

166 100

165 98.1 80.6 121.0

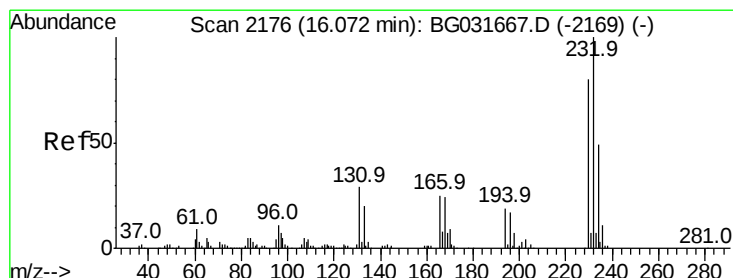
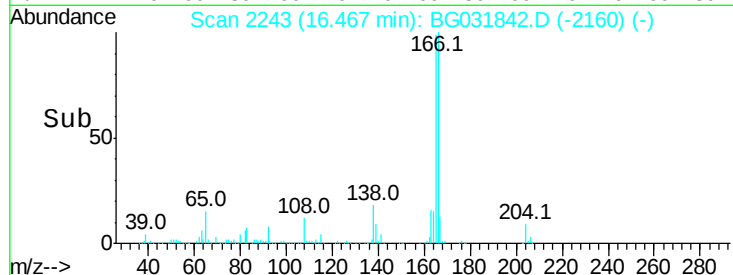
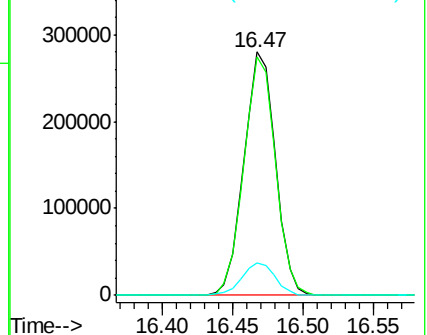
167 13.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.609 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Tgt Ion:232 Resp: 152013

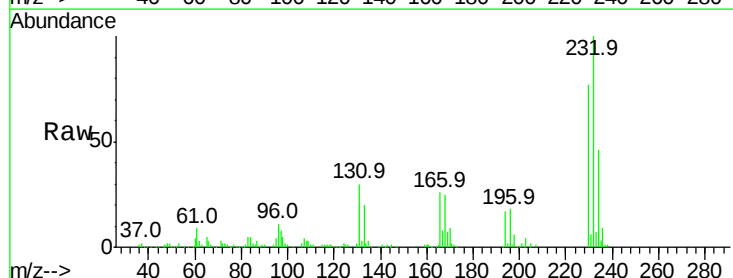
Ion Ratio Lower Upper

232 100

131 29.5 33.5 50.3#

130 1.7 2.2 3.2#

166 25.6 24.8 37.2

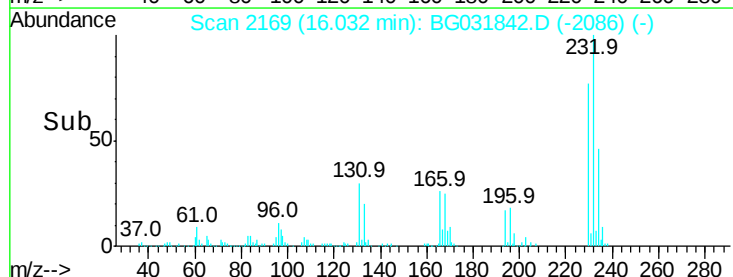
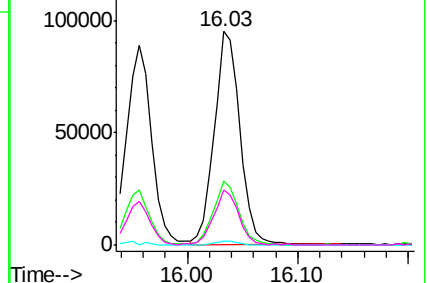


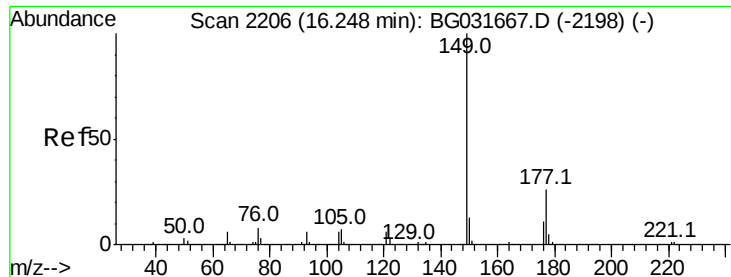
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

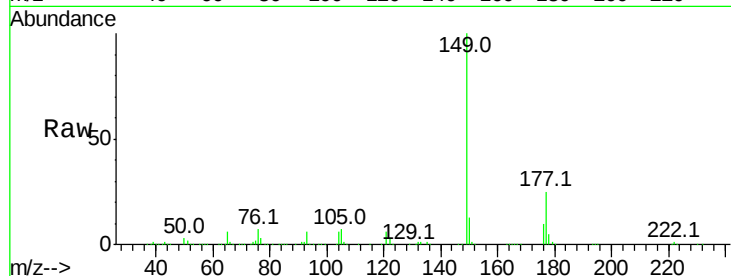




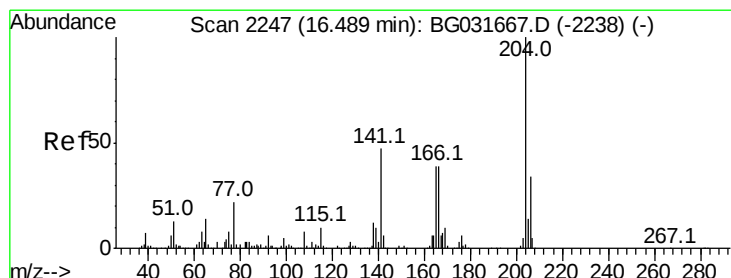
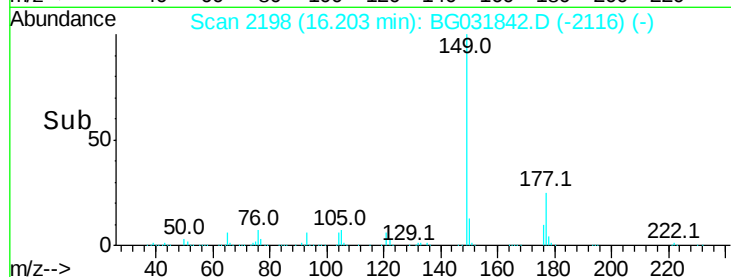
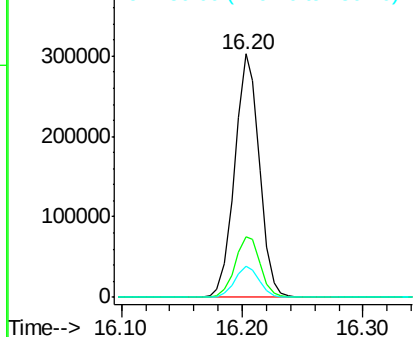
#59
Diethylphthalate
Concen: 30.715 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 428779
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 12.8 10.2 15.2

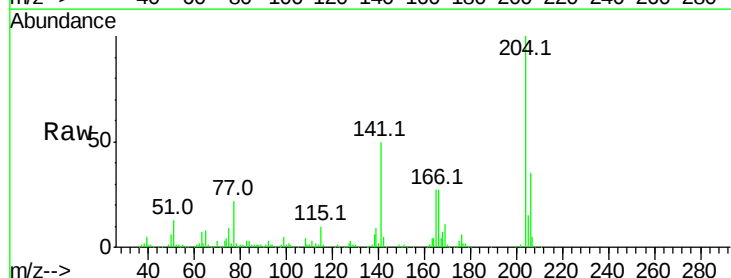


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

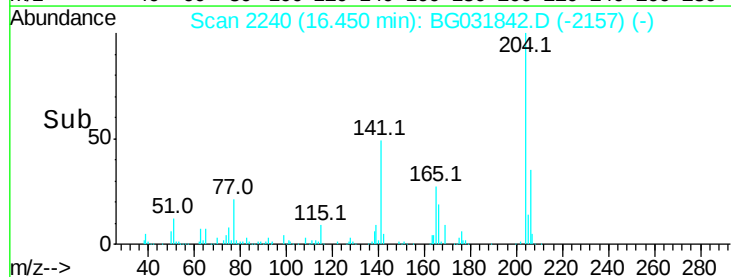
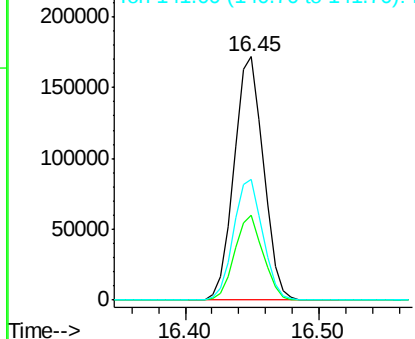


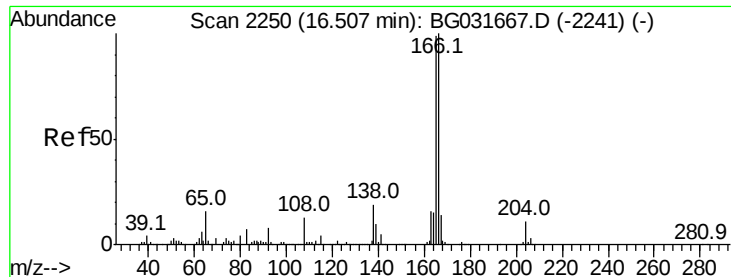
#60
4-Chlorophenyl-phenylether
Concen: 31.088 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:204 Resp: 262872
Ion Ratio Lower Upper
204 100
206 35.1 26.2 39.2
141 49.6 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

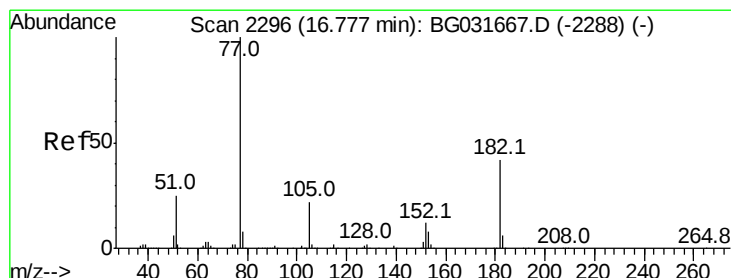
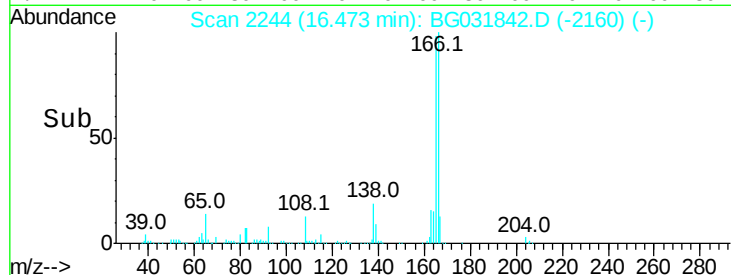
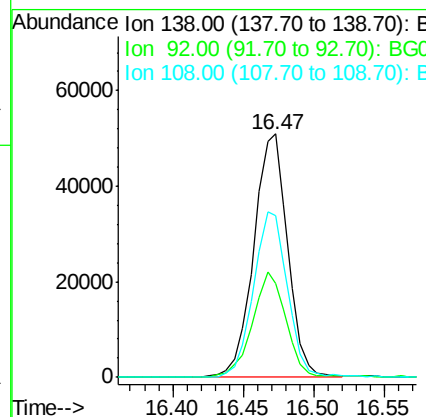
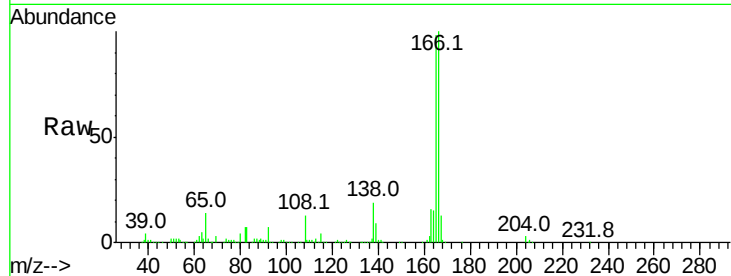




#61
4-Nitroaniline
Concen: 34.266 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

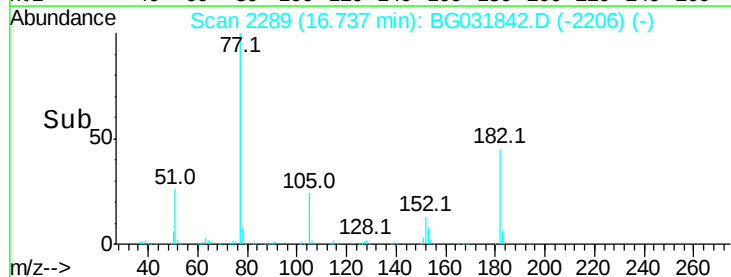
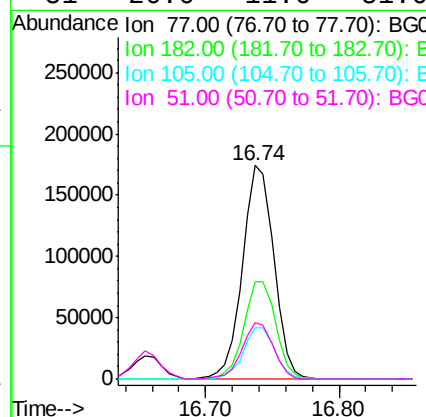
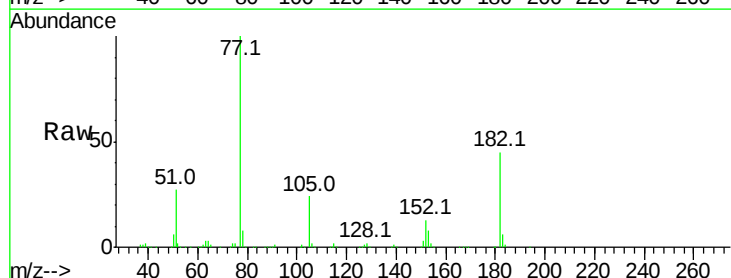
Instrument :
BNA_G
ClientSampleId :

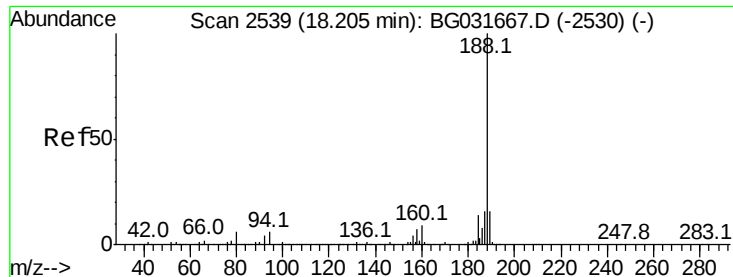
Tot Ion:138 Resp: 85957
Ion Ratio Lower Upper
138 100
92 38.6 40.1 80.1#
108 66.7 65.4 105.4



#62
Azobenzene
Concen: 31.475 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion: 77 Resp: 281783
Ion Ratio Lower Upper
77 100
182 45.3 7.4 47.4
105 24.0 0.3 40.3
51 26.6 11.6 51.6

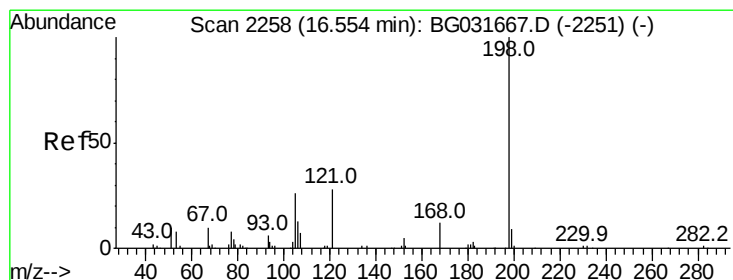
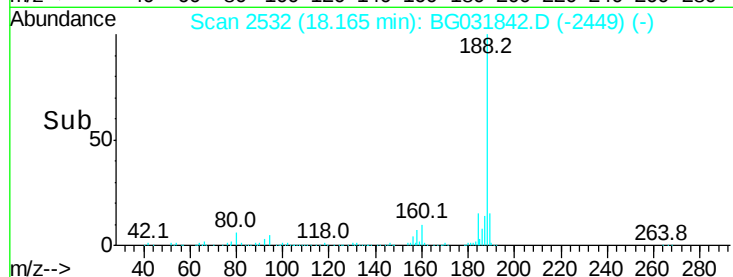
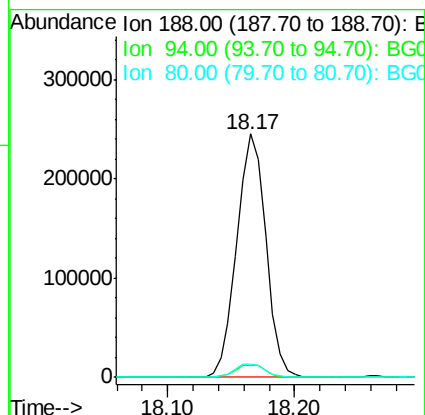
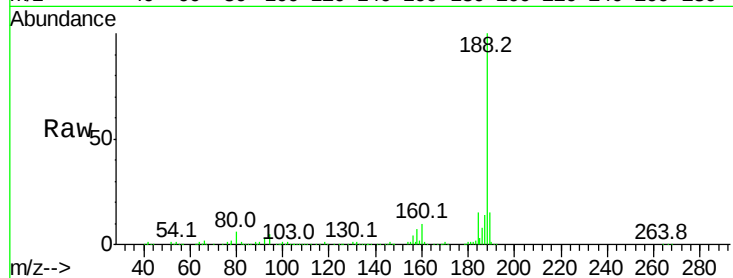




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

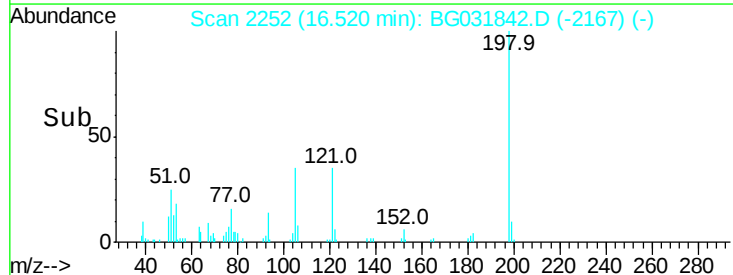
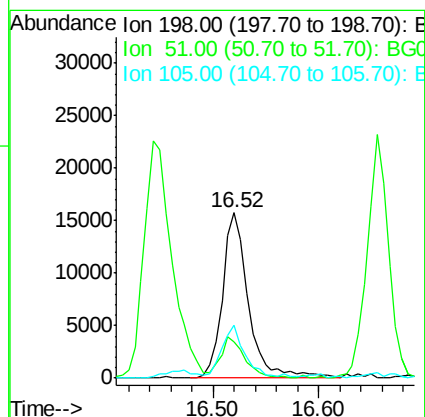
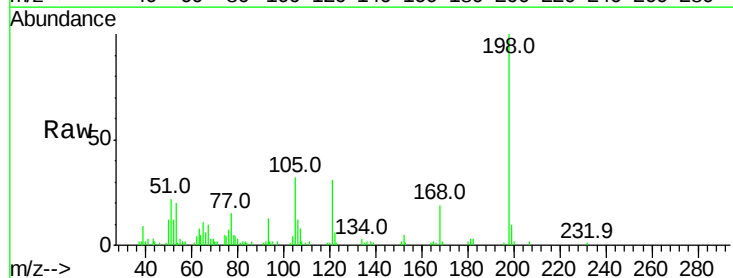
Instrument :
BNA_G
ClientSampleId :

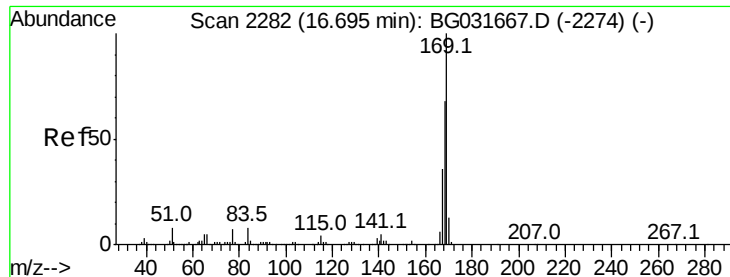
Tot Ion:188 Resp: 390496
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 20.030 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:198 Resp: 26934
Ion Ratio Lower Upper
198 100
51 21.6 30.6 70.6#
105 31.9 23.8 63.8

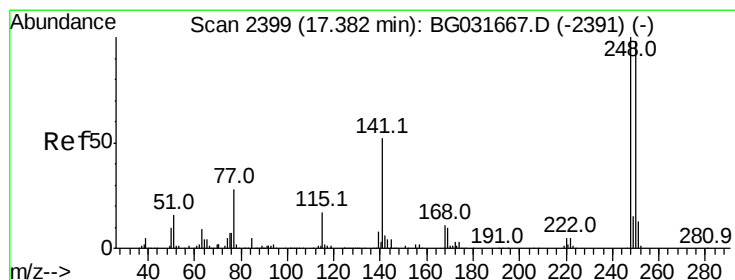
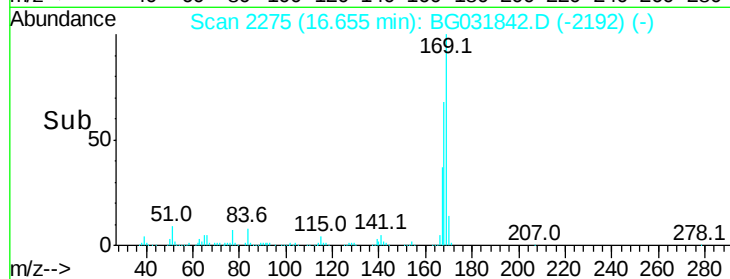
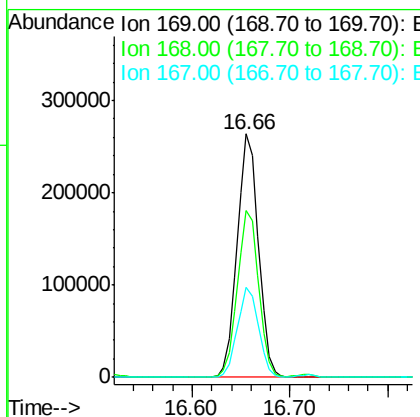
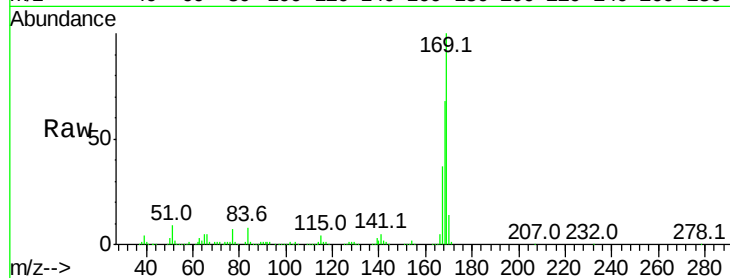




#65
 n-Nitrosodiphenylamine
 Concen: 30.709 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.04 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

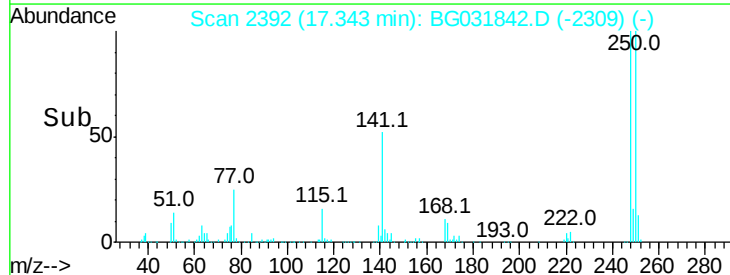
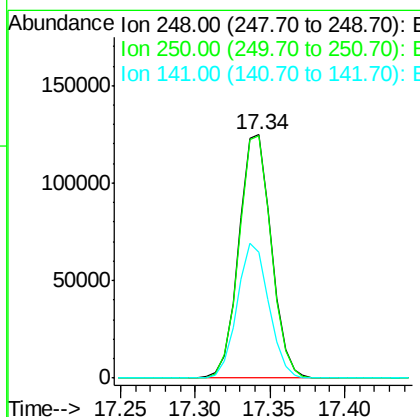
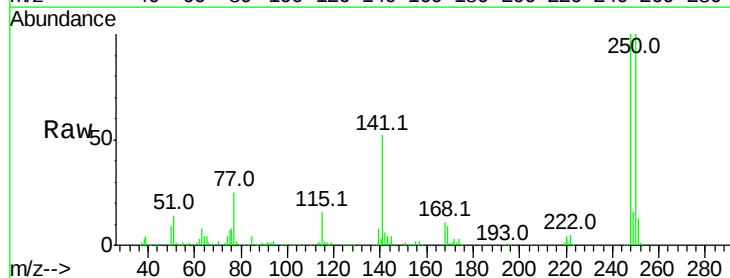
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.7	83.5
167	36.9	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 33.176 ng
 RT: 17.34 min Scan# 2392
 Delta R.T. -0.04 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.1	115.7
141	51.8	50.8	76.2

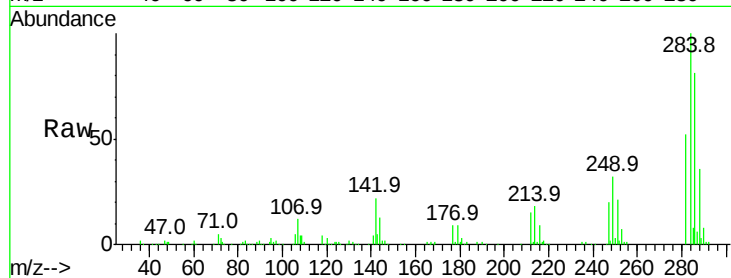




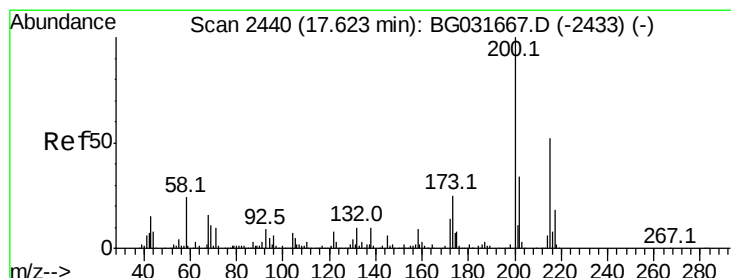
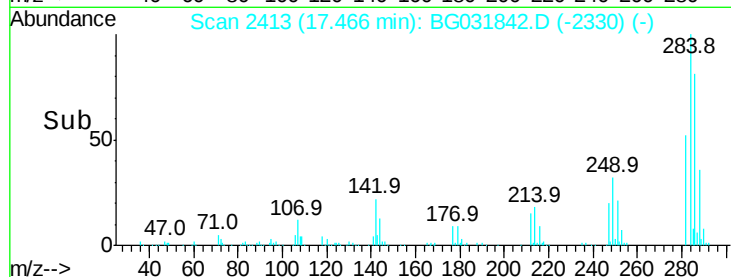
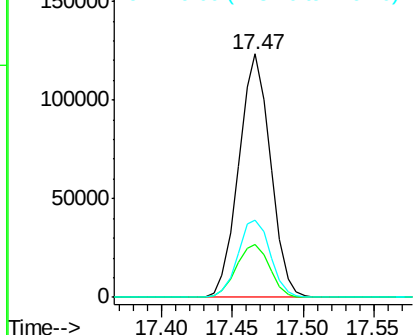
#67
Hexachlorobenzene
Concen: 33.636 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 194163
Ion Ratio Lower Upper
284 100
142 21.6 26.8 40.2#
249 31.6 26.3 39.5

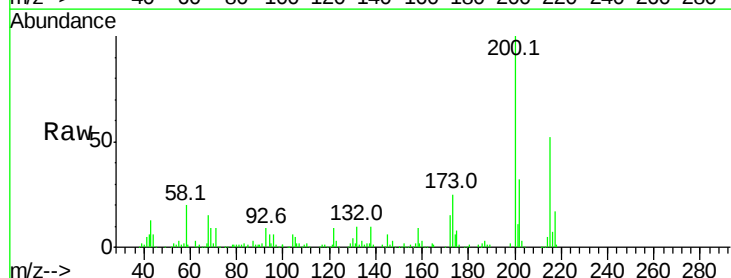


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

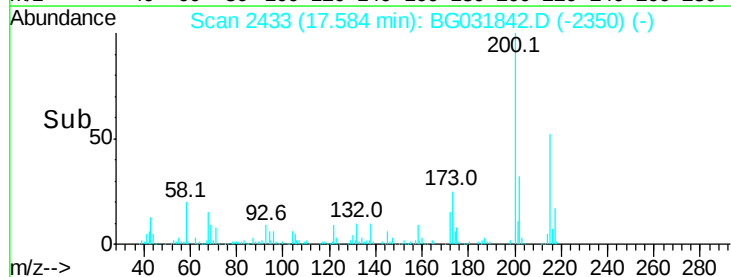
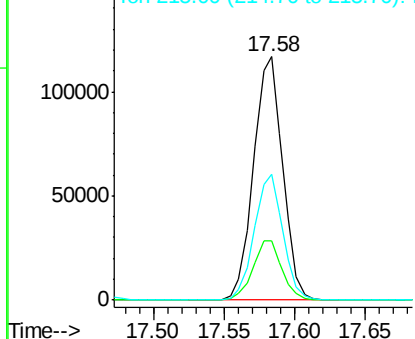


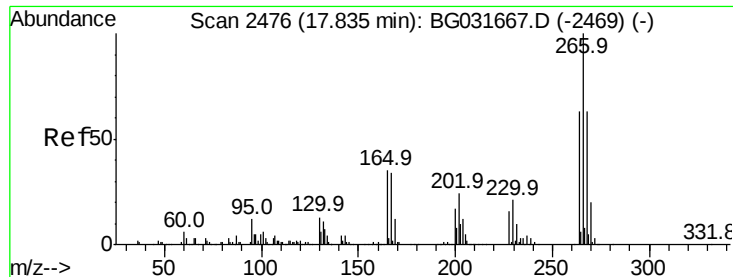
#68
Atrazine
Concen: 33.675 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:200 Resp: 169820
Ion Ratio Lower Upper
200 100
173 24.6 5.2 45.2
215 51.9 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

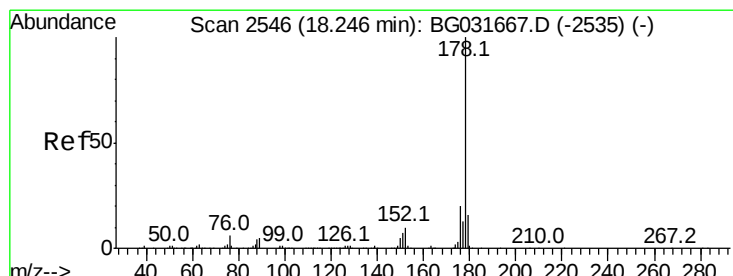
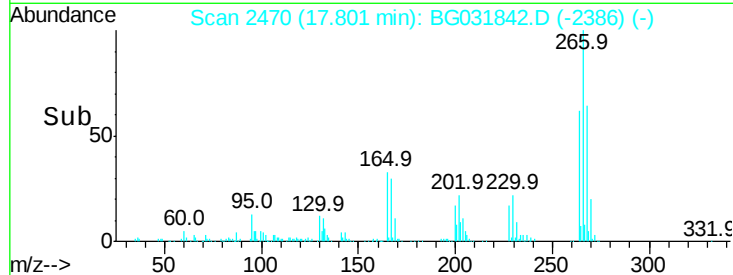
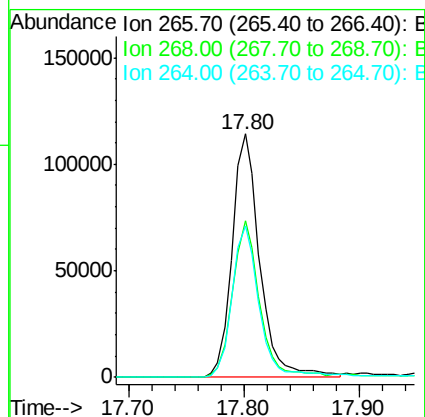
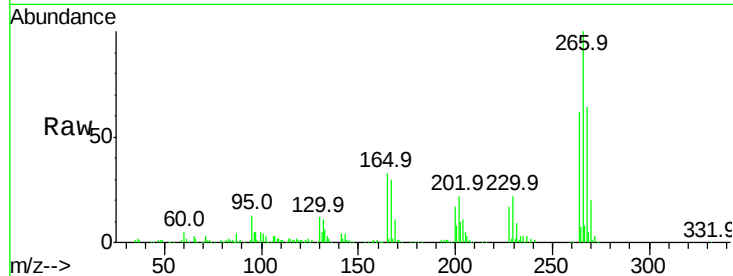




#69
 Pentachlorophenol
 Concen: 47.731 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

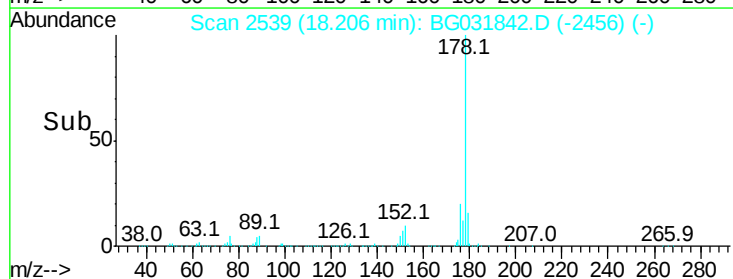
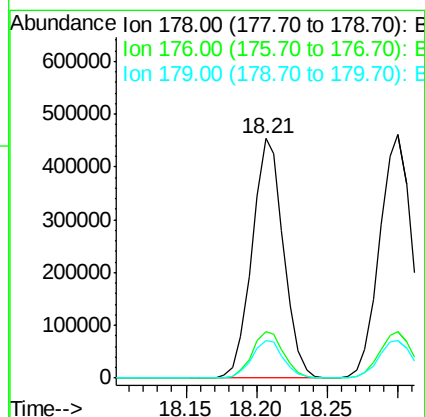
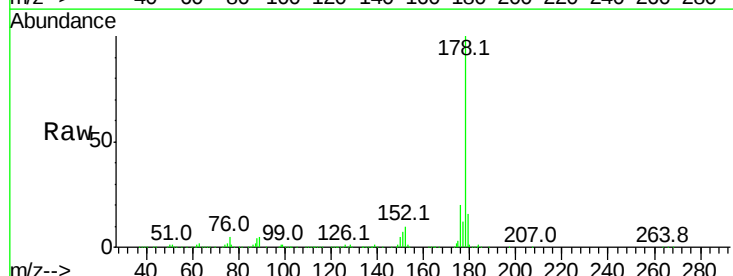
Instrument :
 BNA_G
 ClientSampleId :

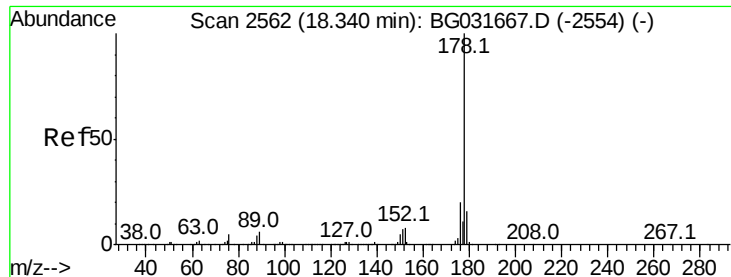
Tot Ion:	266	Resp:	189513
Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.1	76.7
264	62.3	49.6	74.4



#70
 Phenanthrene
 Concen: 32.114 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion:	178	Resp:	709702
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.9	12.5	18.7

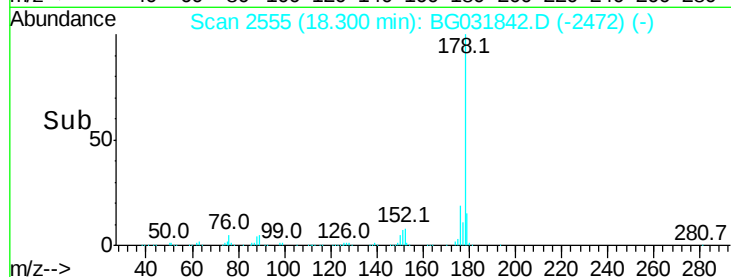
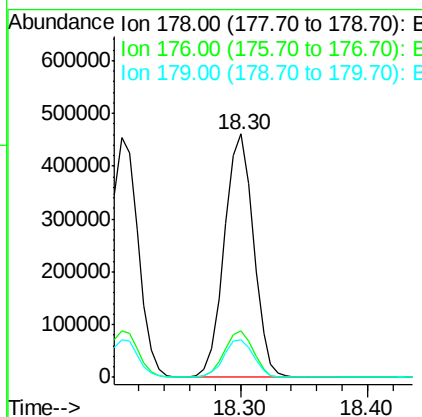
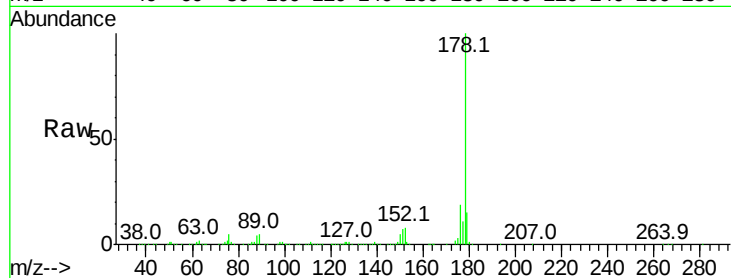




#71
 Anthracene
 Concen: 32.916 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

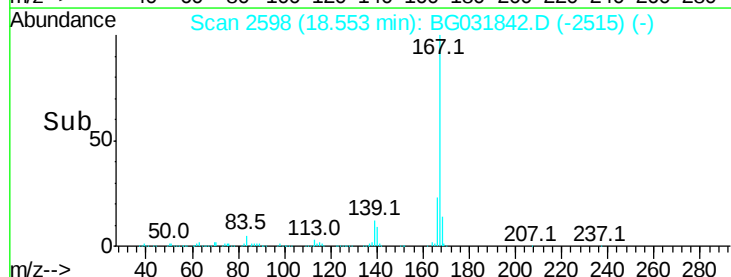
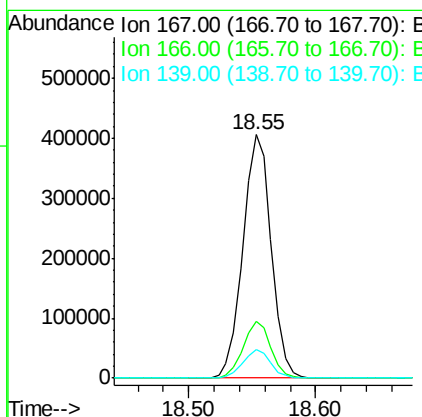
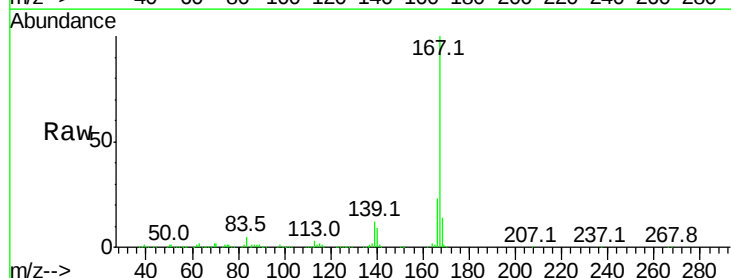
Instrument :
 BNA_G
 ClientSampleId :

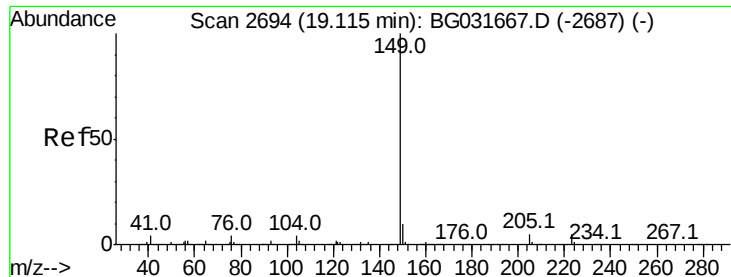
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.5	12.5	18.7



#72
 Carbazole
 Concen: 31.752 ng
 RT: 18.55 min Scan# 2598
 Delta R.T. -0.04 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	11.9	9.4	14.2

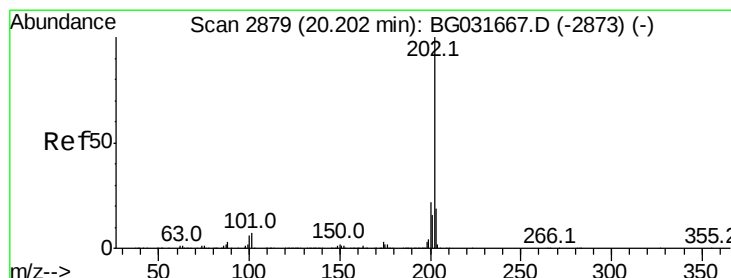
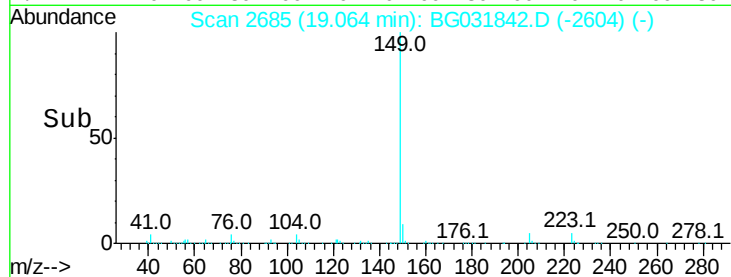
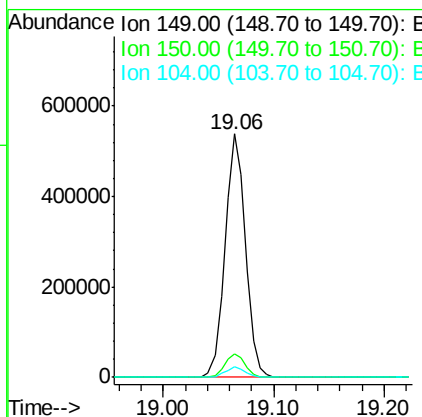
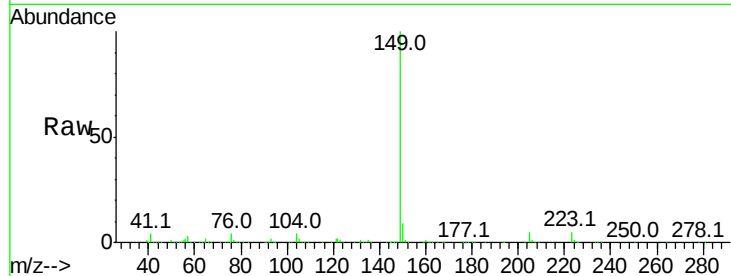




#73
Di-n-butylphthalate
Concen: 31.604 ng
RT: 19.06 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

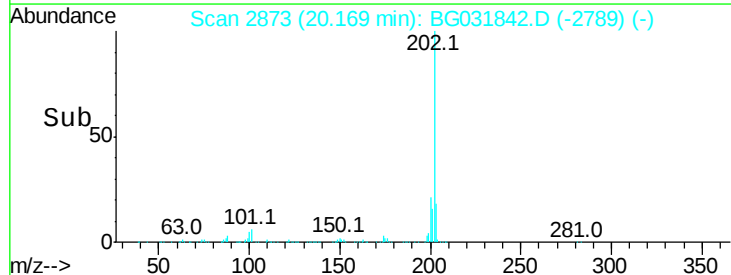
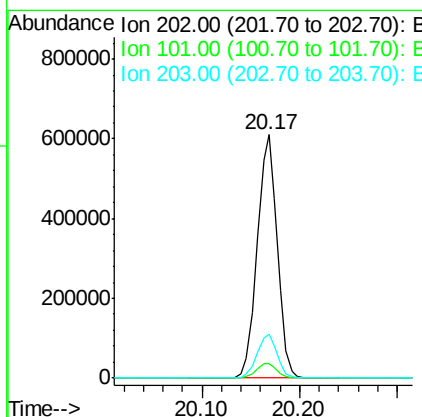
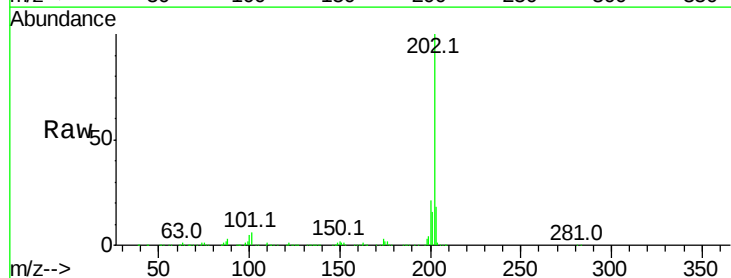
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.2	3.9	5.9



#74
Fluoranthene
Concen: 32.652 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	28.9
203	17.9	0.0	37.5

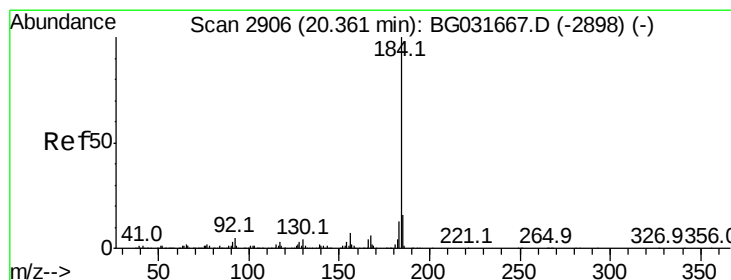
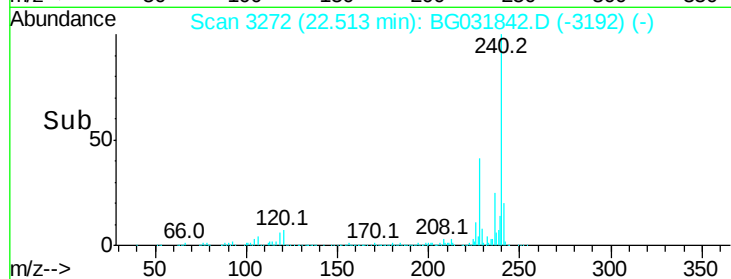
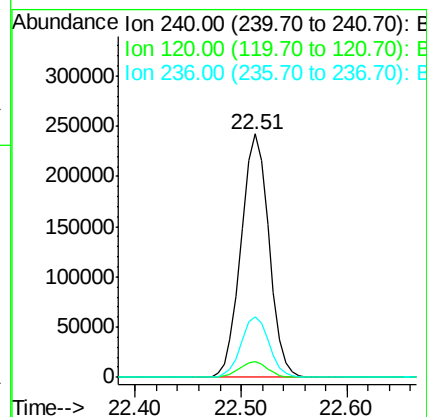
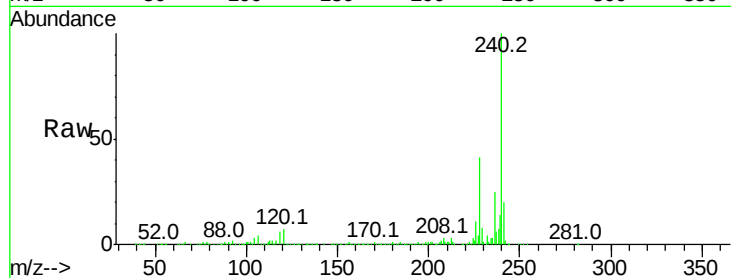




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

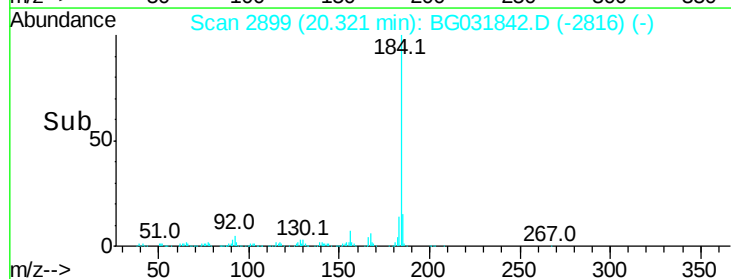
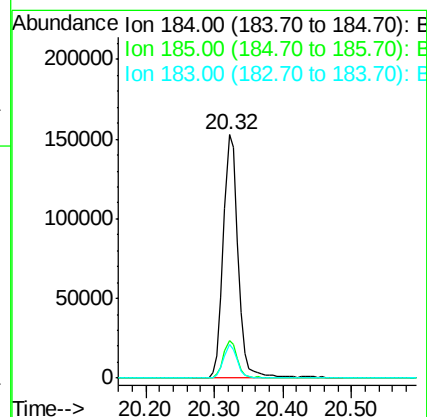
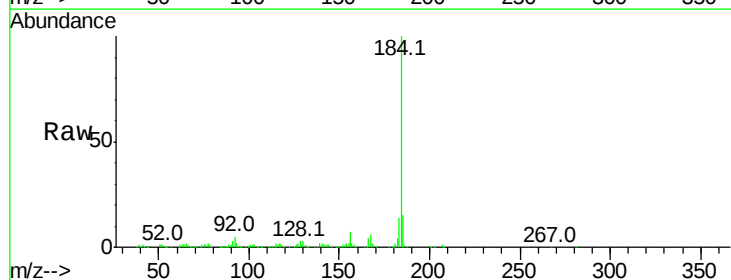
Instrument :
BNA_G
ClientSampleId :

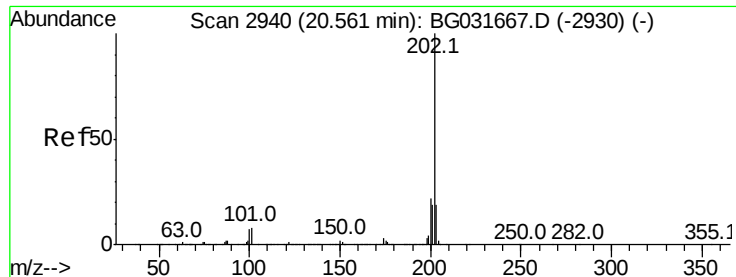
Tot Ion:240 Resp: 443895
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 24.7 20.9 31.3



#76
Benzidine
Concen: 16.704 ng
RT: 20.32 min Scan# 2899
Delta R.T. -0.04 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:184 Resp: 228868
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 13.9 10.6 16.0





#77

Pvrene

Concen: 31.763 ng

RT: 20.52 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG031842.D

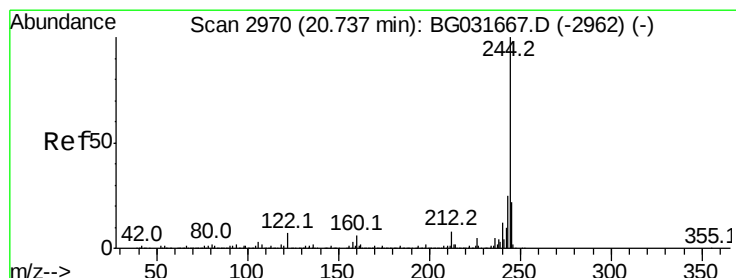
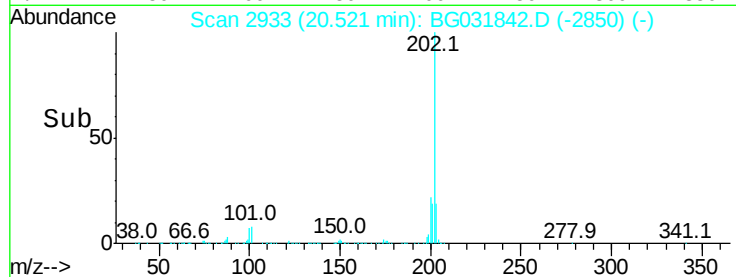
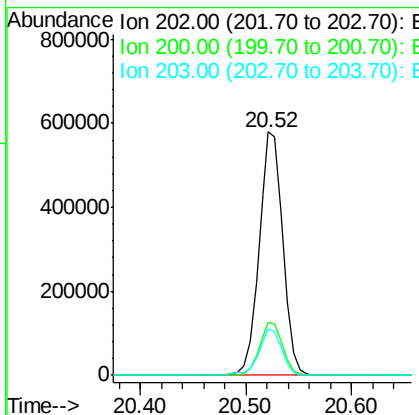
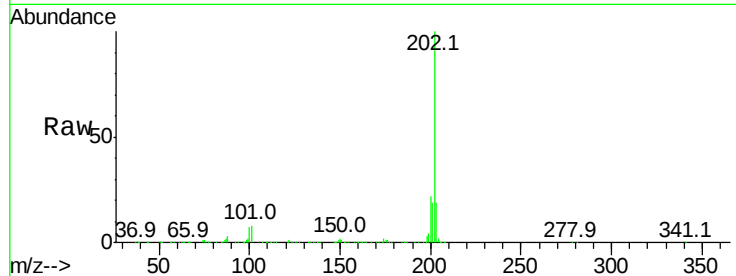
Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	900631
Ion Ratio		Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.9	13.9	20.9



#78

Terphenyl-d14

Concen: 77.123 ng

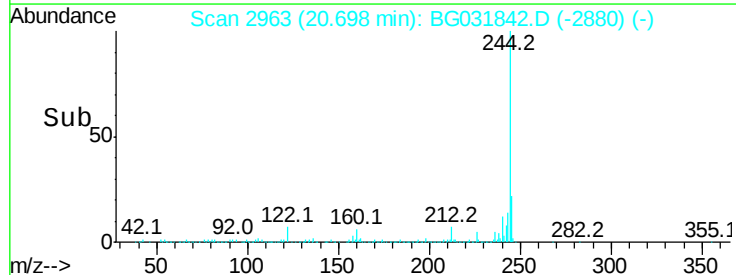
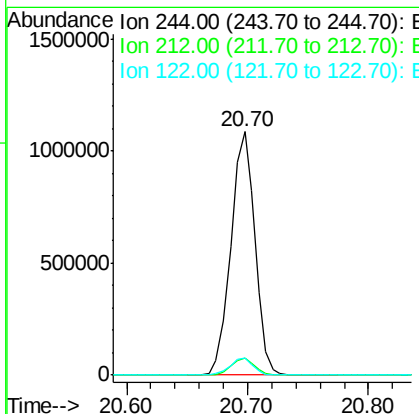
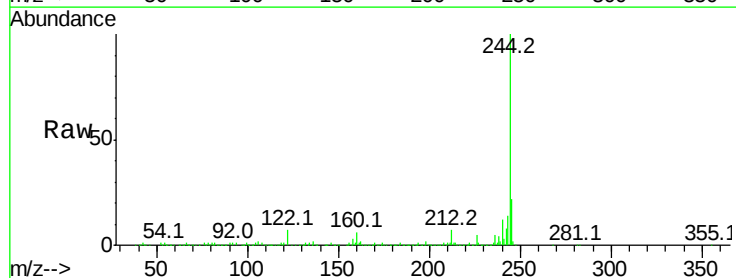
RT: 20.70 min Scan# 2963

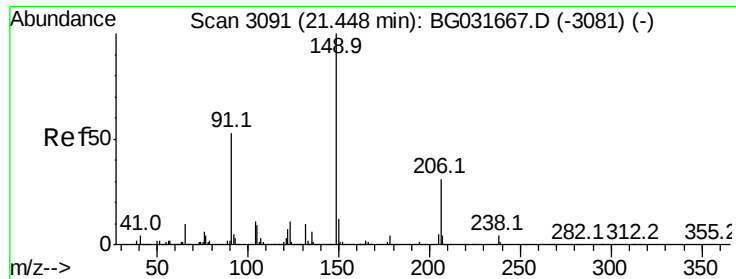
Delta R.T. -0.04 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Tgt Ion:	244	Resp:	1498466
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.8	8.8
122	7.0	7.0	10.4

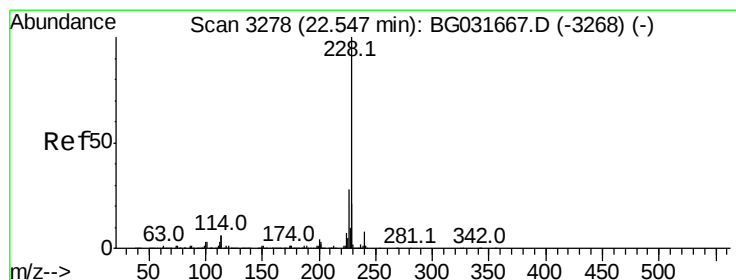
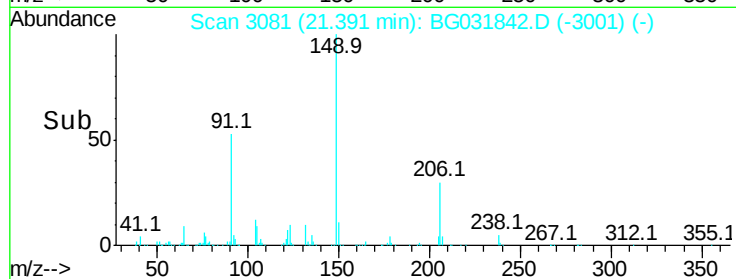
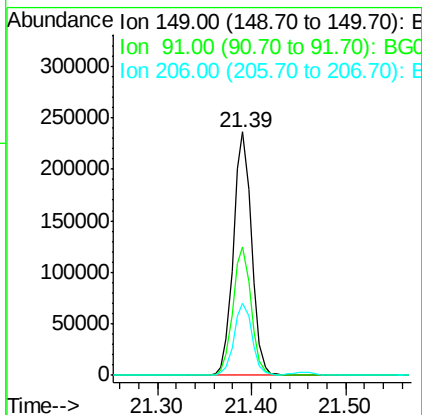
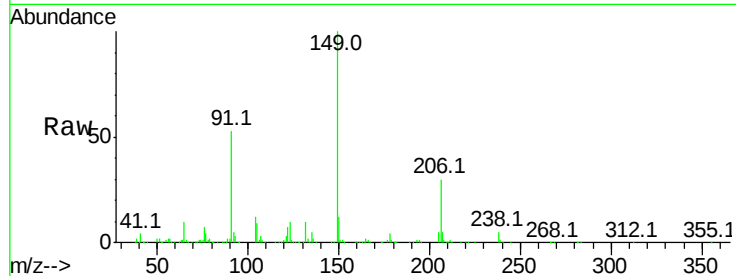




#79
Butylbenzylphthalate
Concen: 33.246 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

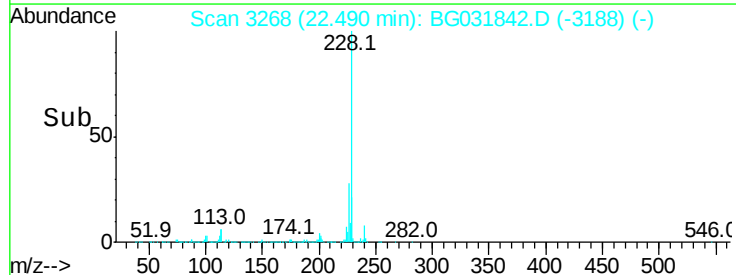
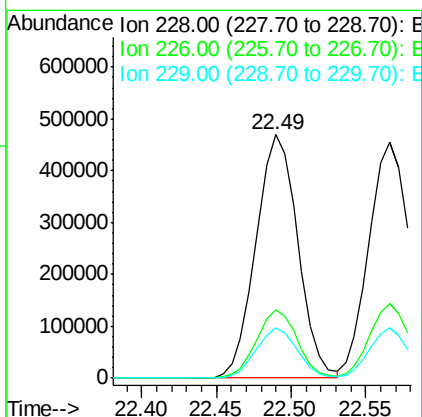
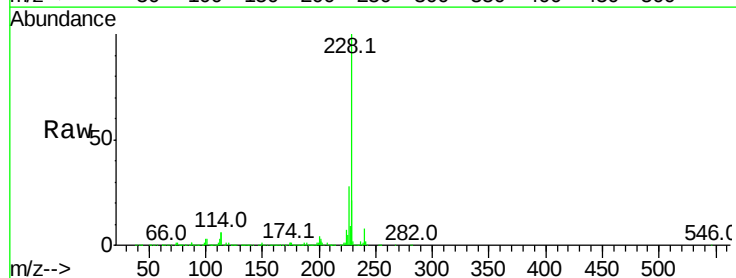
Instrument :
BNA_G
ClientSampleId :

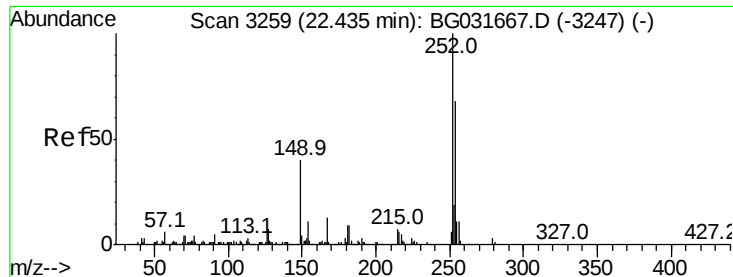
Tot Ion:149 Resp: 316450
Ion Ratio Lower Upper
149 100
91 52.8 62.2 93.2#
206 29.7 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 32.328 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.06 min
Lab File: BG031842.D
Acq: 29 Dec 2017 2:18

Tgt Ion:228 Resp: 912842
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.5 16.2 24.2

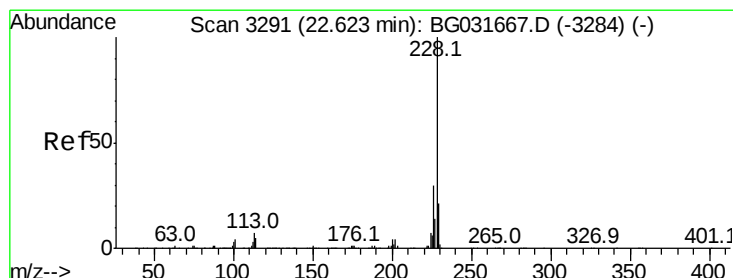
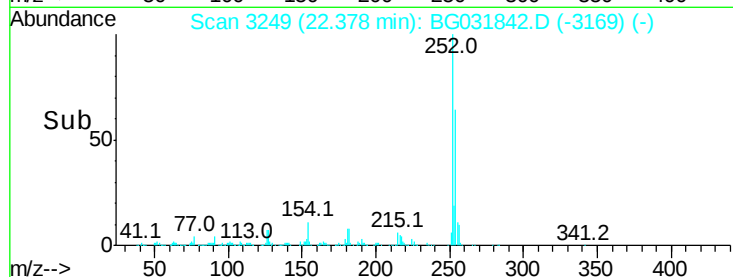
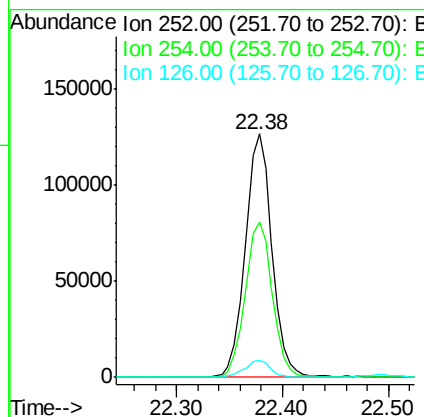
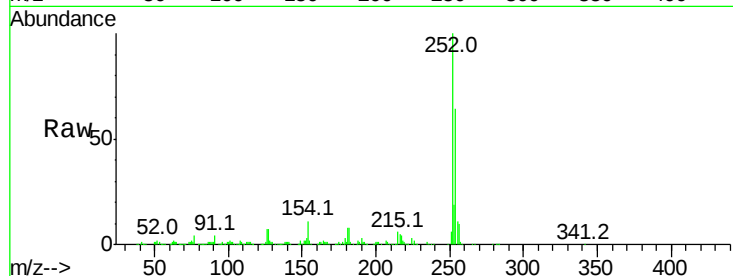




#81
 3,3'-Dichlorobenzidine
 Concen: 20.317 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

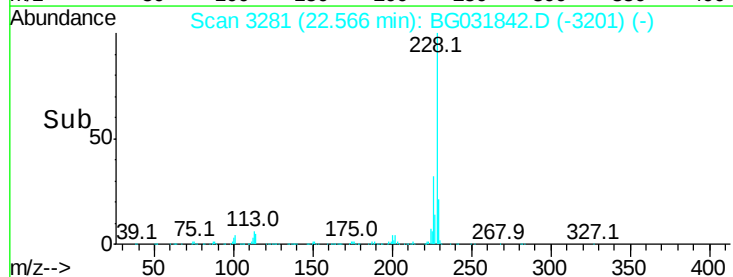
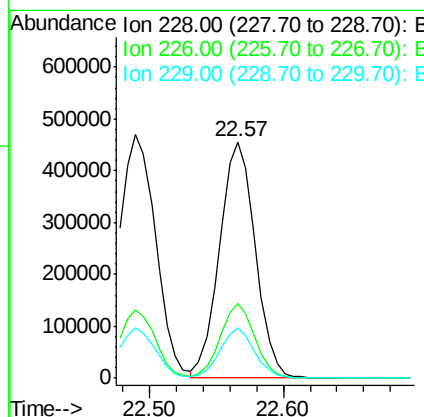
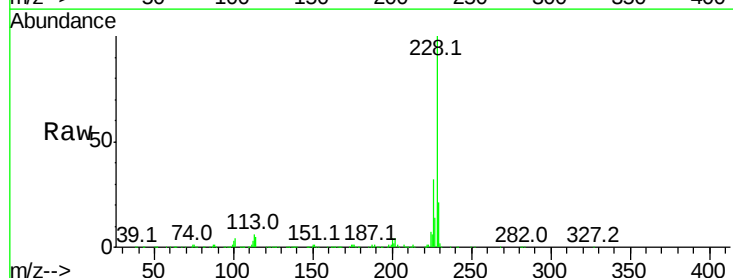
Instrument :
 BNA_G
 ClientSampleId :

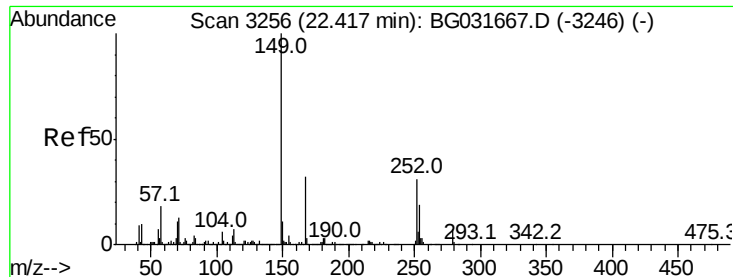
Tot Ion:252 Resp: 222422
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.8 76.2
 126 6.8 7.4 11.2#



#82
 Chrysene
 Concen: 31.898 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.06 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion:228 Resp: 852193
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 21.1 15.0 22.4

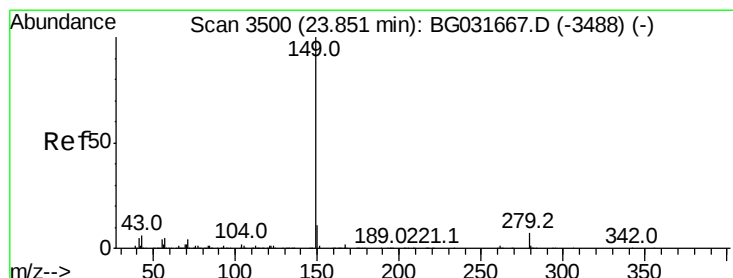
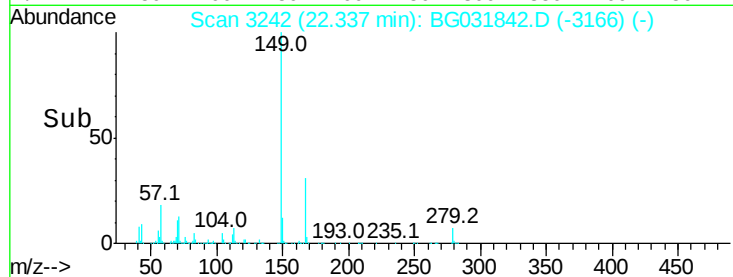
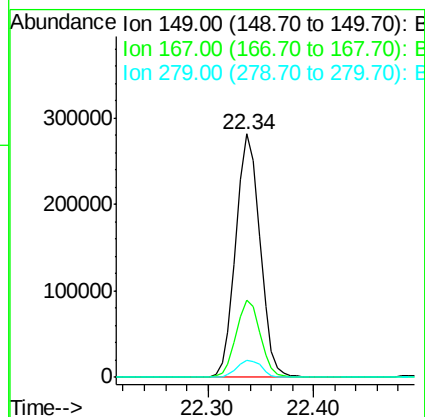
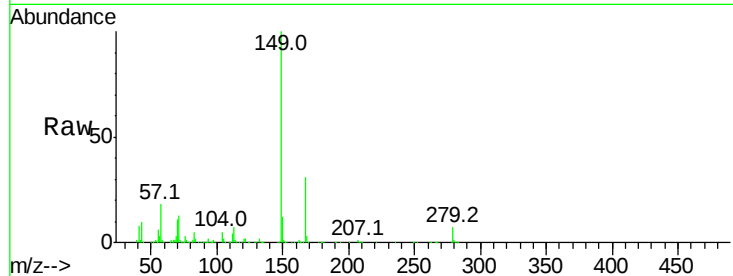




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.341 ng
 RT: 22.34 min Scan# 3242
 Delta R.T. -0.08 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

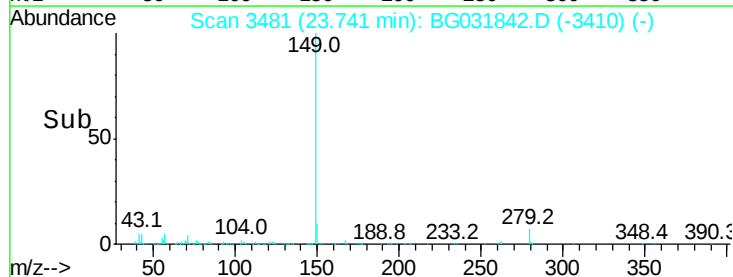
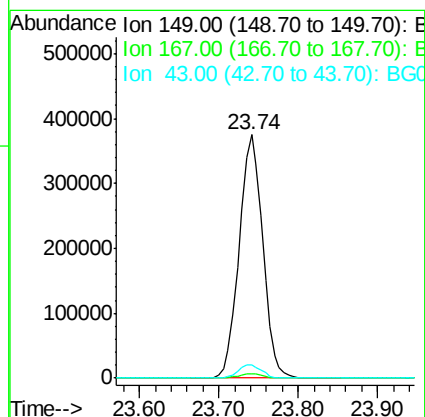
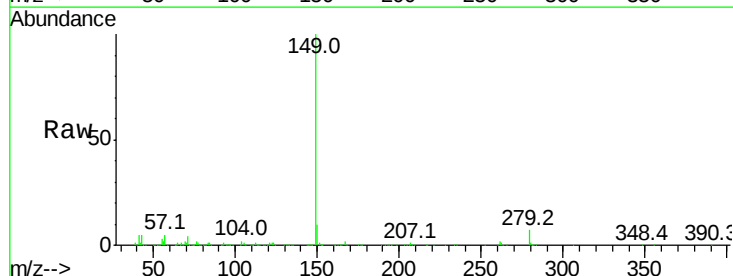
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.5	24.3	36.5
279	6.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 33.236 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. -0.11 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	5.4	8.9	13.3

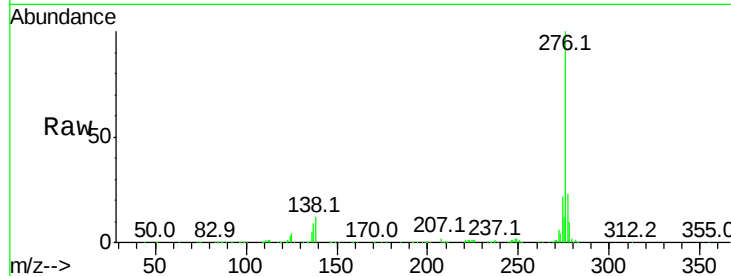




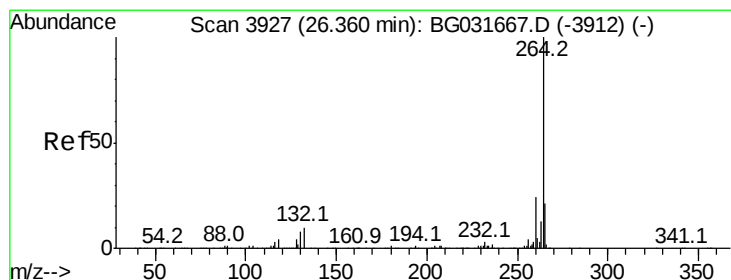
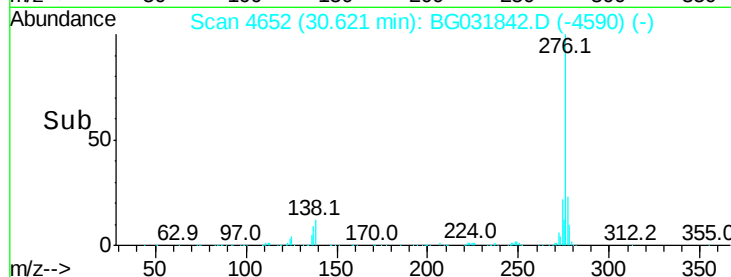
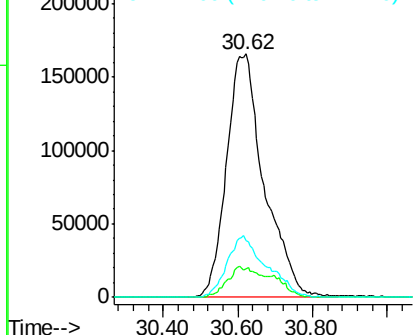
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.869 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1160865
 Ion Ratio Lower Upper
 276 100
 138 10.7 16.0 24.0#
 277 26.2 20.0 30.0

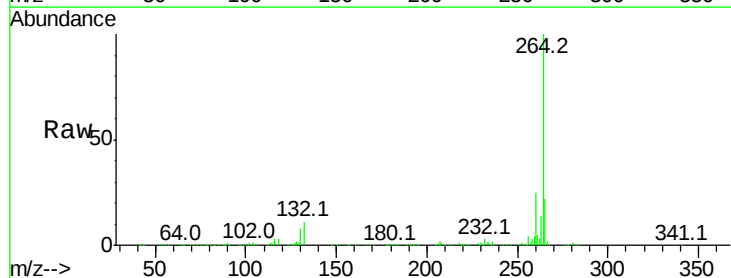


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

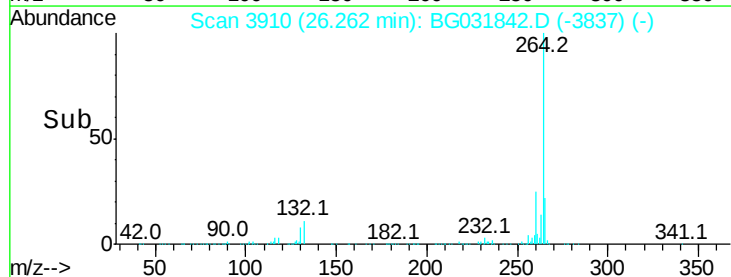
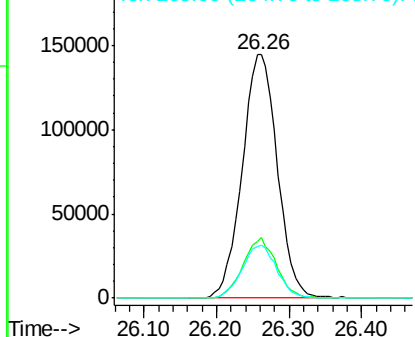


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031842.D
 Acq: 29 Dec 2017 2:18

Tgt Ion:264 Resp: 485043
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.4 26.0
 265 21.8 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: 32.856 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.09 min

Lab File: BG031842.D

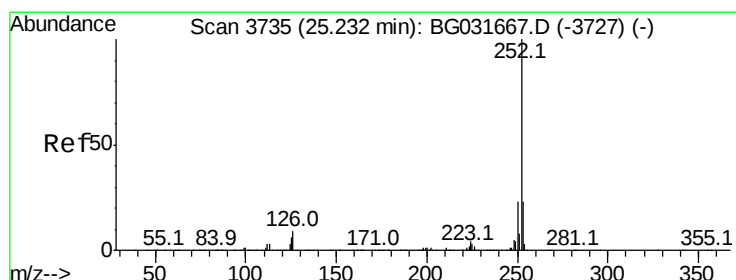
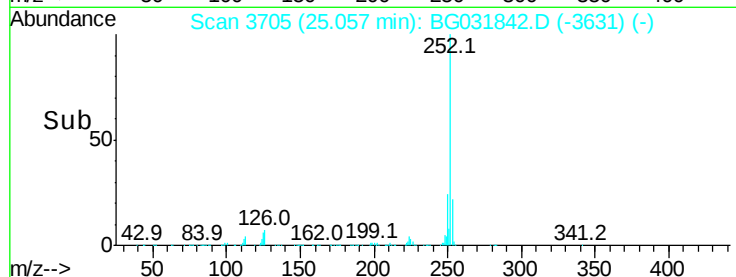
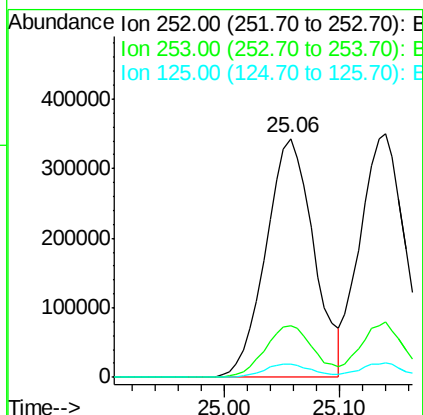
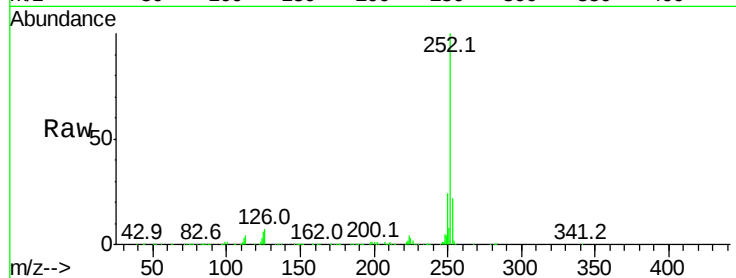
Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	989249
Ion Ratio	Lower	Upper
252	100	
253	21.9	18.2 27.4
125	5.8	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 31.328 ng

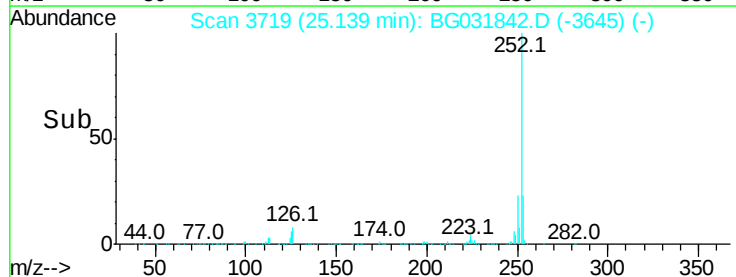
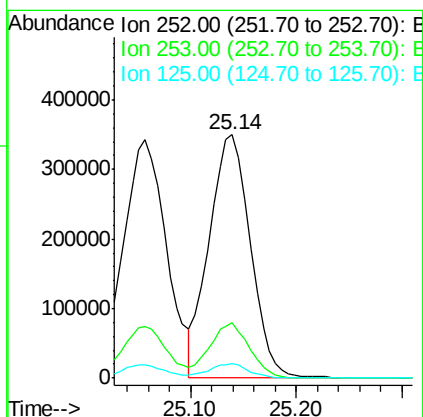
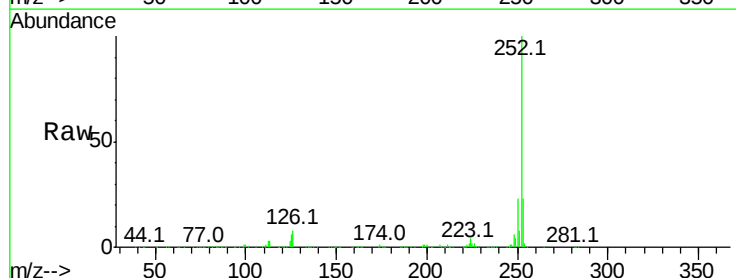
RT: 25.14 min Scan# 3719

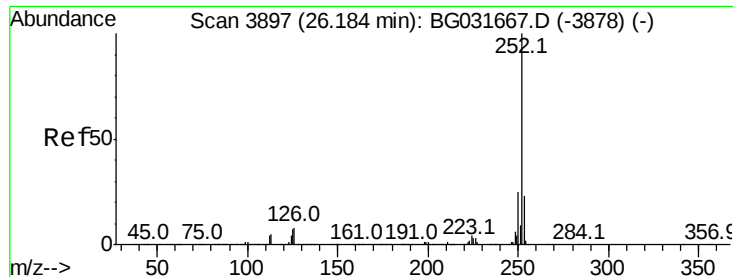
Delta R.T. -0.09 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Tgt Ion:252	Resp:	943979
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.4 26.2
125	5.8	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 33.038 ng

RT: 26.08 min Scan# 3879

Delta R.T. -0.10 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

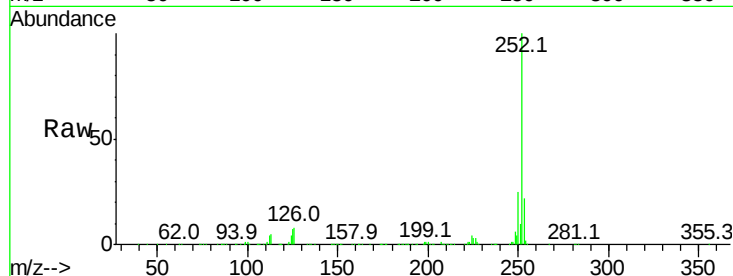
Tot Ion:252 Resp: 952663

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

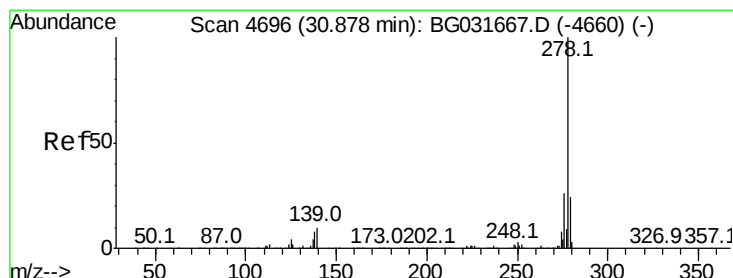
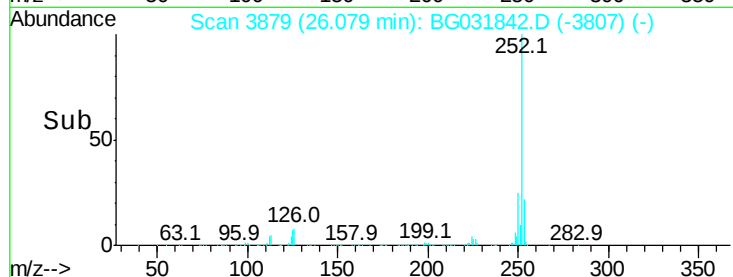
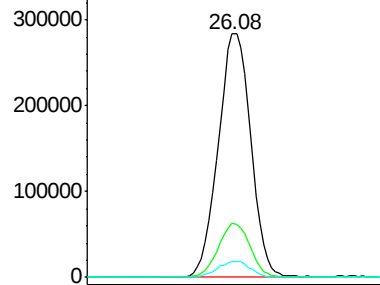
125 6.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.178 ng

RT: 30.70 min Scan# 4665

Delta R.T. -0.18 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

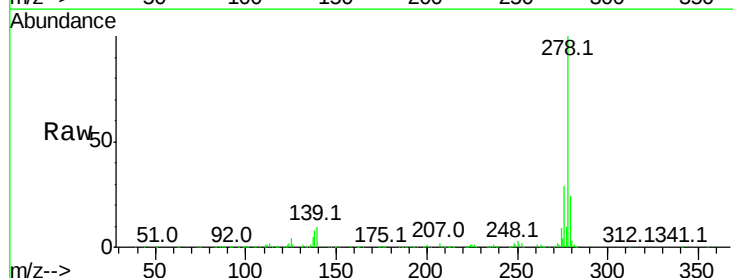
Tgt Ion:278 Resp: 958306

Ion Ratio Lower Upper

278 100

139 9.6 9.8 14.6#

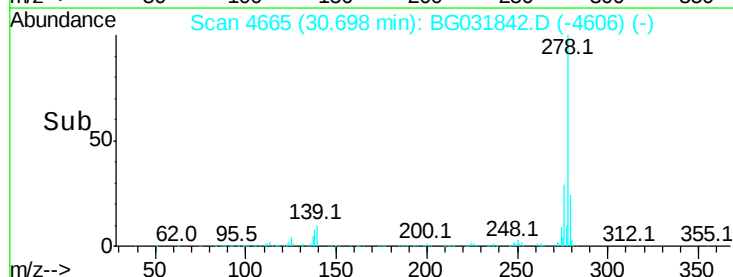
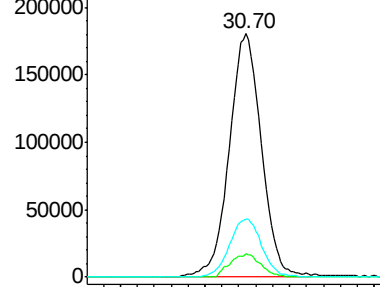
279 23.8 18.4 27.6

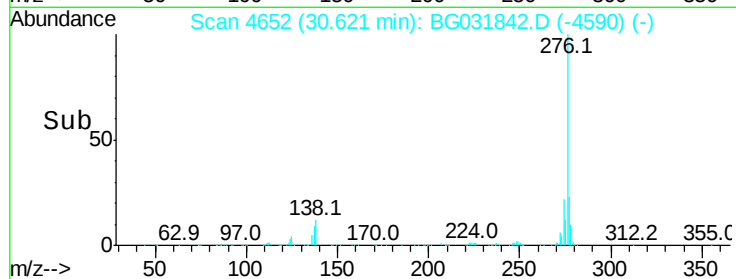
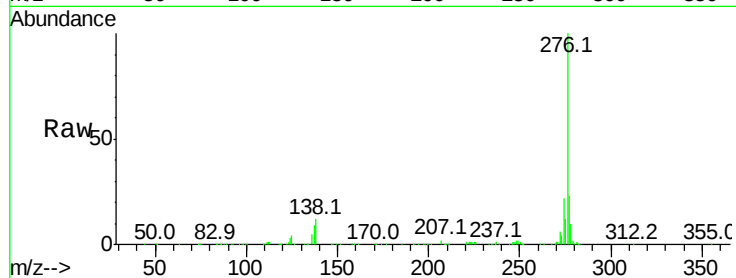
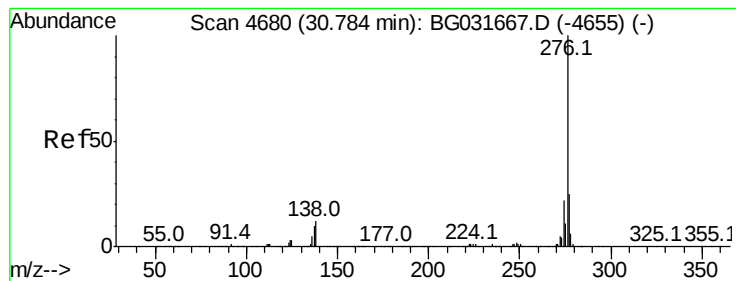


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.015 ng

RT: 30.62 min Scan# 4652

Delta R.T. -0.16 min

Lab File: BG031842.D

Acq: 29 Dec 2017 2:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1160865

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 11.8 13.9 20.9#

