

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034957.D
 Acq On : 7 Jun 2018 18:05
 Operator : SJ/JU
 Sample : J3241-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 04:32:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40678	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	153420	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	109908	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	279871	20.00	ng	0.00
75) Chrysene-d12	21.73	240	286505	20.00	ng	0.00
86) Perylene-d12	24.97	264	276636	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	329204	136.58	ng	0.00
7) Phenol-d6	7.24	99	461660	129.77	ng	0.00
23) Nitrobenzene-d5	9.24	82	330247	102.32	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	210363	149.52	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	721818	85.38	ng	0.00
78) Terphenyl-d14	20.06	244	1308252	95.65	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	39901	34.70	ng	# 76
3) Pyridine	3.97	79	94411	30.43	ng	# 79
4) n-Nitrosodimethylamine	3.87	42	55333	41.51	ng	# 84
6) Aniline	7.41	93	51041	11.10	ng	99
8) 2-Chlorophenol	7.65	128	112801	44.65	ng	99
9) Benzaldehyde	7.22	77	30202	11.02	ng	93
10) Phenol	7.26	94	153683	41.74	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	117390	41.08	ng	95
12) 1,3-Dichlorobenzene	8.44	146	124240	41.21	ng	96
13) 1,4-Dichlorobenzene	8.12	146	128824	41.40	ng	96
14) 1,2-Dichlorobenzene	8.44	146	124243	42.50	ng	96
15) Benzyl Alcohol	8.32	79	148078	43.93	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.62	45	144591	50.84	ng	83
17) 2-Methylphenol	8.52	107	114192	47.04	ng	# 90
18) Hexachloroethane	9.17	117	48214	43.28	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	119835	39.65	ng	# 86
20) 3+4-Methylphenols	8.84	107	154016	44.27	ng	93
22) Acetophenone	8.90	105	206128	43.37	ng	# 92
24) Nitrobenzene	9.29	77	166135	50.27	ng	94
25) Isophorone	9.81	82	331669	48.67	ng	98
26) 2-Nitrophenol	10.00	139	59522	52.25	ng	# 84
27) 2,4-Dimethylphenol	10.05	122	127632	53.30	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	169810	46.37	ng	96
29) 2,4-Dichlorophenol	10.53	162	132806	50.97	ng	93
30) 1,2,4-Trichlorobenzene	10.75	180	145502	46.57	ng	98
31) Naphthalene	10.94	128	366686	46.01	ng	97
32) Benzoic acid	10.18	122	77452	48.29	ng	90
33) 4-Chloroaniline	11.05	127	6929	2.00	ng	# 91
34) Hexachlorobutadiene	11.23	225	111151	45.75	ng	98
35) Caprolactam	11.82	113	17625	18.30	ng	# 63
36) 4-Chloro-3-methylphenol	12.15	107	162886	50.15	ng	95
37) 2-Methylnaphthalene	12.54	142	296864	49.13	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	200993	49.10	ng	99
40) Hexachlorocyclopentadiene	12.89	237	264293	102.95	ng	93

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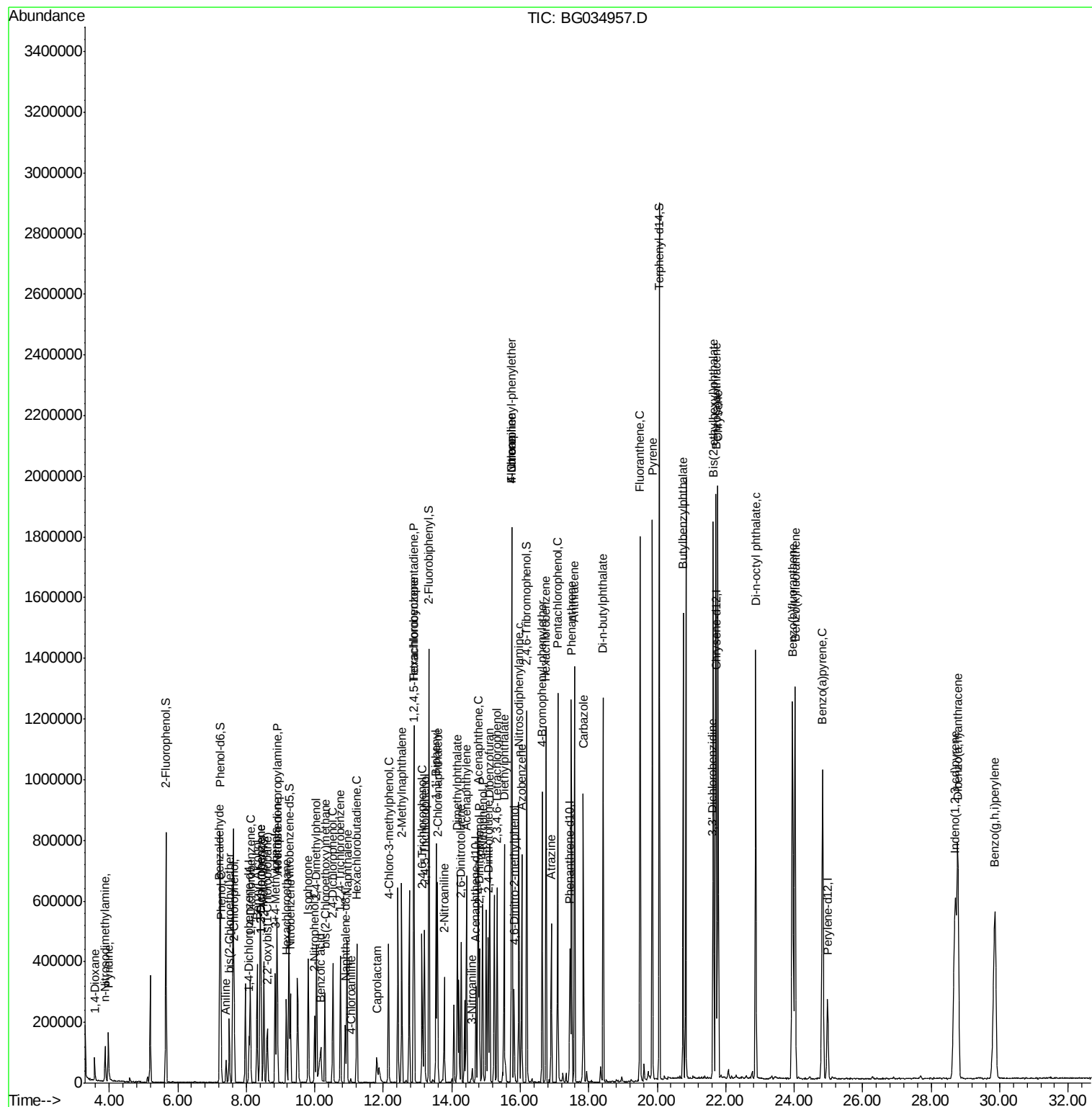
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	119034	48.56	nq	95
43) 2,4,5-Trichlorophenol	13.21	196	129890	48.28	nq	98
45) 1,1'-Biphenyl	13.54	154	400657	45.33	nq	96
46) 2-Chloronaphthalene	13.59	162	309749	46.36	nq	98
47) 2-Nitroaniline	13.78	65	93820	47.55	nq	92
48) Acenaphthylene	14.43	152	512003	45.70	nq	97
49) Dimethylphthalate	14.16	163	415336	43.33	nq	100
50) 2,6-Dinitrotoluene	14.27	165	89282	51.06	nq	93
51) Acenaphthene	14.77	154	324038	44.26	nq	98
52) 3-Nitroaniline	14.60	138	11325	6.60	nq	# 83
53) 2,4-Dinitrophenol	14.81	184	94910	134.12	nq	# 67
54) Dibenzofuran	15.11	168	512574	46.75	nq	92
55) 4-Nitrophenol	14.90	139	132740	91.67	nq	# 82
56) 2,4-Dinitrotoluene	15.06	165	126862	54.62	nq	96
57) Fluorene	15.75	166	435317	47.51	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.32	232	138133	52.85	nq	97
59) Diethylphthalate	15.53	149	430074	43.98	nq	100
60) 4-Chlorophenyl-phenylether	15.75	204	254774	48.76	nq	97
61) 4-Nitroaniline	15.76	138	71723	38.98	nq	# 82
62) Azobenzene	16.04	77	464798	48.51	nq	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	72353	56.62	nq	85
65) n-Nitrosodiphenylamine	15.96	169	357090	42.49	nq	99
66) 4-Bromophenyl-phenylether	16.64	248	186154	55.23	nq	92
67) Hexachlorobenzene	16.75	284	242424	70.67	nq	97
68) Atrazine	16.90	200	108438	30.25	nq	95
69) Pentachlorophenol	17.09	266	219999	95.37	nq	98
70) Phenanthrene	17.49	178	797991	56.13	nq	98
71) Anthracene	17.59	178	874243	61.39	nq	98
72) Carbazole	17.85	167	632524	47.87	nq	98
73) Di-n-butylphthalate	18.42	149	855298	54.31	nq	# 98
74) Fluoranthene	19.49	202	1194517	64.57	nq	96
77) Pyrene	19.86	202	1189331	62.97	nq	96
79) Butylbenzylphthalate	20.75	149	437965	63.86	nq	97
80) Benzo(a)anthracene	21.70	228	1333242	72.82	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	46619	6.77	nq	# 92
82) Chrysene	21.77	228	1276203	76.13	nq	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	710689	73.33	nq	99
84) Di-n-octyl phthalate	22.88	149	1240225	74.60	nq	96
85) Indeno(1,2,3-cd)pyrene	28.70	276	1527710	77.82	nq	# 85
87) Benzo(b)fluoranthene	23.95	252	1362920	80.00	nq	# 98
88) Benzo(k)fluoranthene	24.02	252	1294595	77.68	nq	# 97
89) Benzo(a)pyrene	24.83	252	1229184	76.68	nq	# 97
90) Dibenzo(a,h)anthracene	28.78	278	1264485	79.91	nq	# 96
91) Benzo(g,h,i)perylene	29.87	276	1253777	80.96	nq	# 94

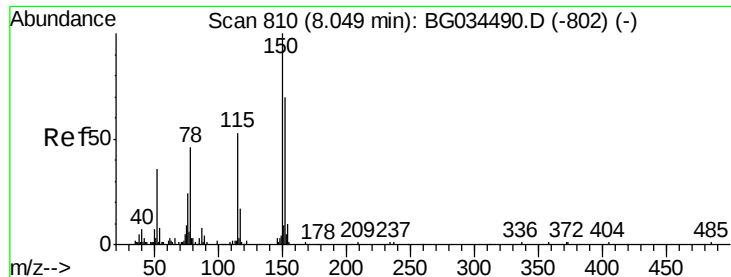
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

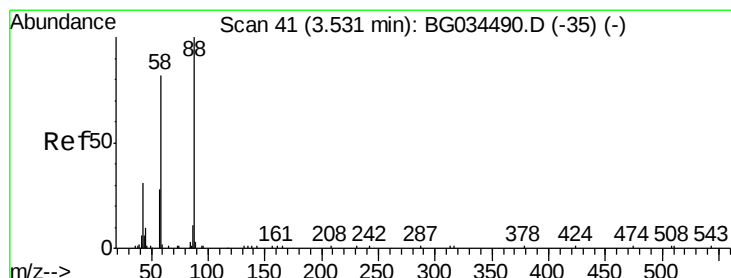
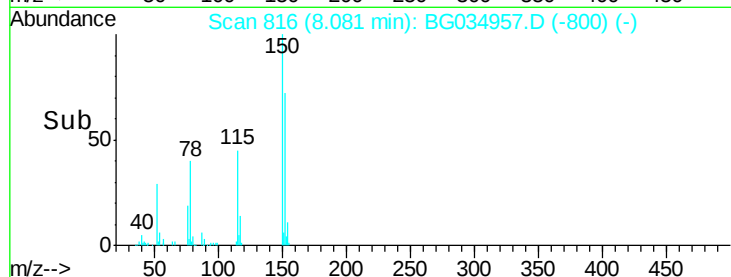
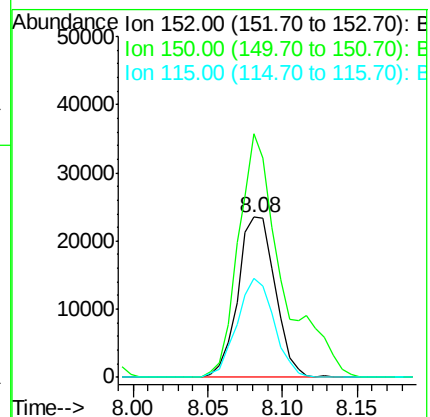
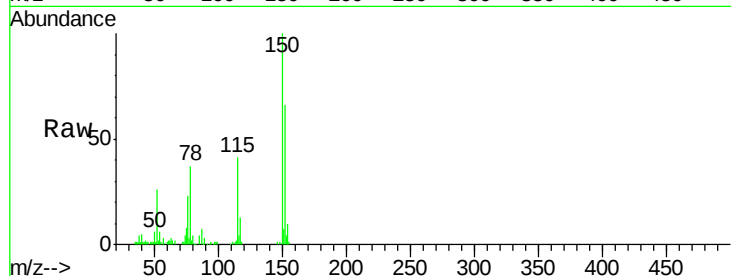
Tot Ion:152 Resp: 40678

Ion Ratio Lower Upper

152 100

150 152.0 126.6 189.8

115 62.0 53.0 79.4



#2

1,4-Dioxane

Concen: 34.70 ng

RT: 3.58 min Scan# 49

Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

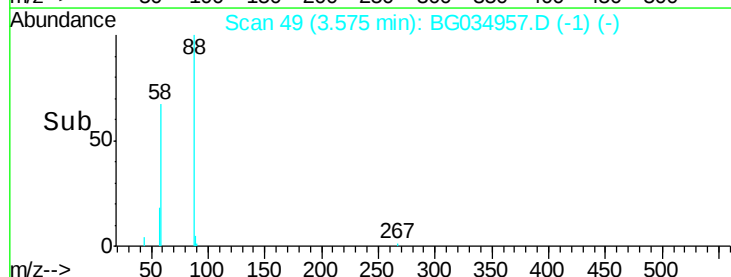
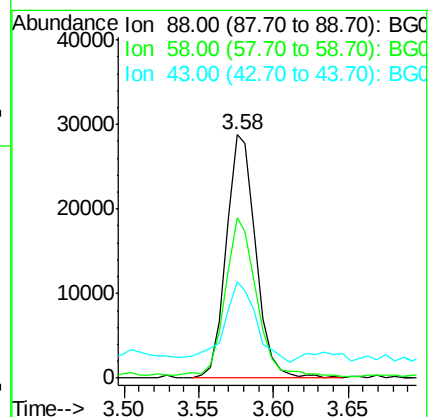
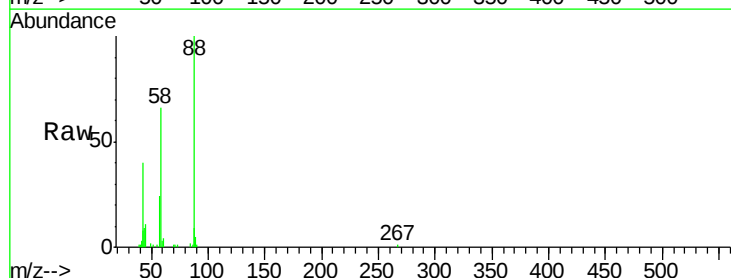
Tgt Ion: 88 Resp: 39901

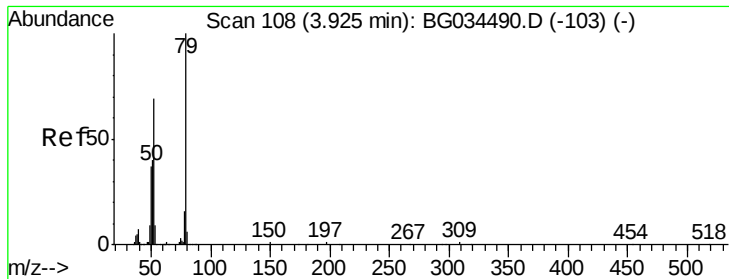
Ion Ratio Lower Upper

88 100

58 69.3 79.6 119.4#

43 36.7 27.4 41.0





#3

Pvridine

Concen: 30.43 ng

RT: 3.97 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

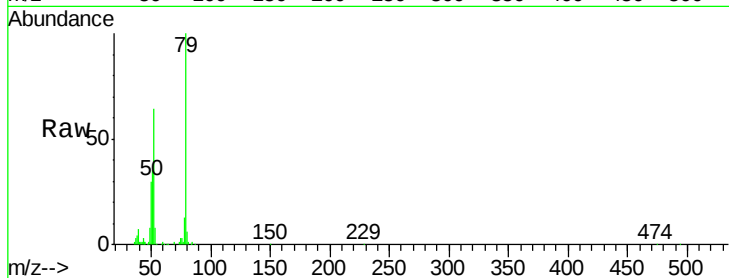
Tot Ion: 79 Resp: 94411

Ion Ratio Lower Upper

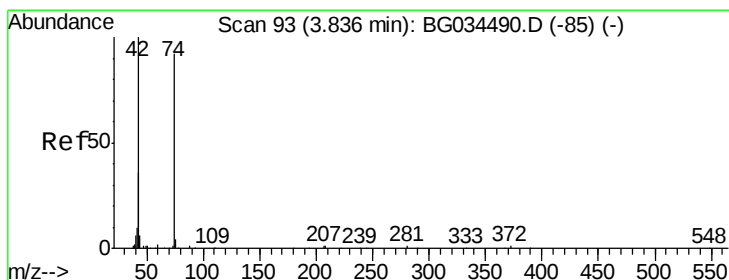
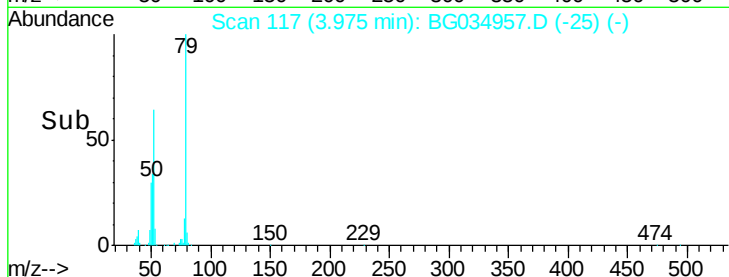
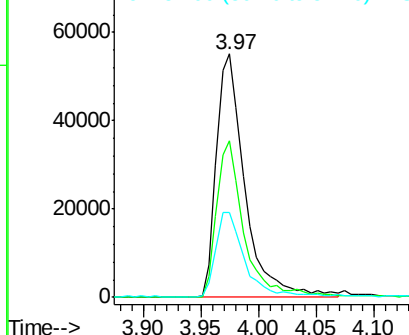
79 100

52 64.4 69.9 104.9#

51 34.6 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.51 ng

RT: 3.87 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

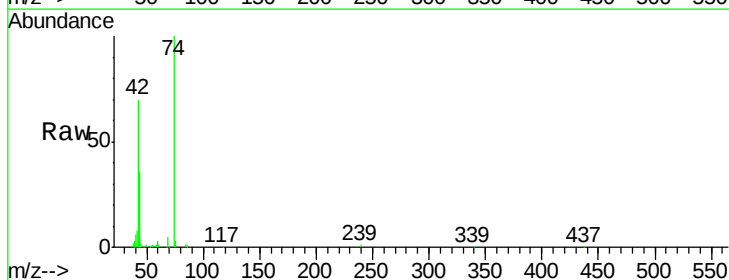
Tgt Ion: 42 Resp: 55333

Ion Ratio Lower Upper

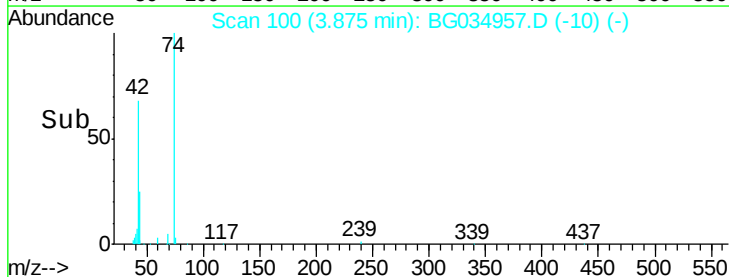
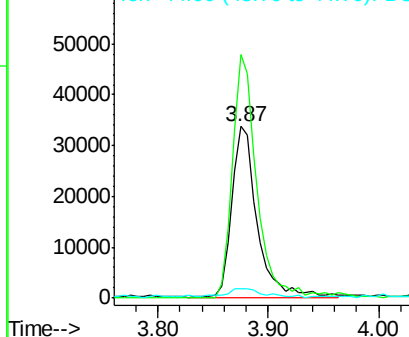
42 100

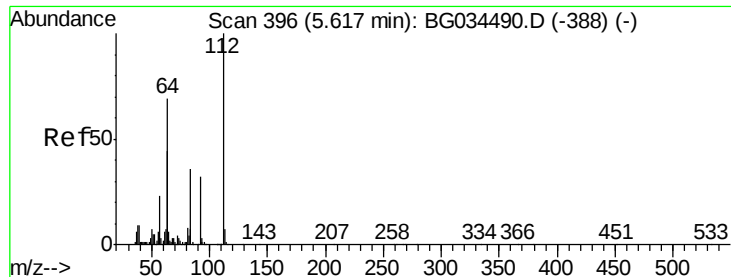
74 142.1 102.5 153.7

44 5.5 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 136.58 ng

RT: 5.65 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG034957.D

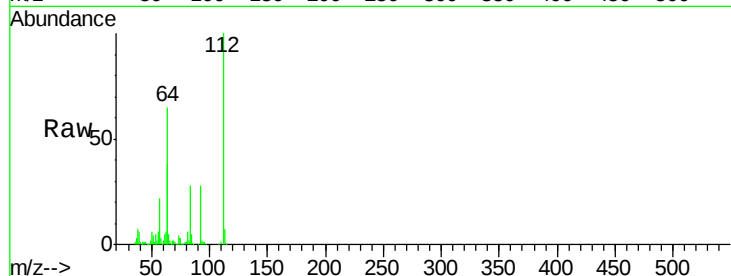
Acq: 7 Jun 2018 18:05

Instrument :

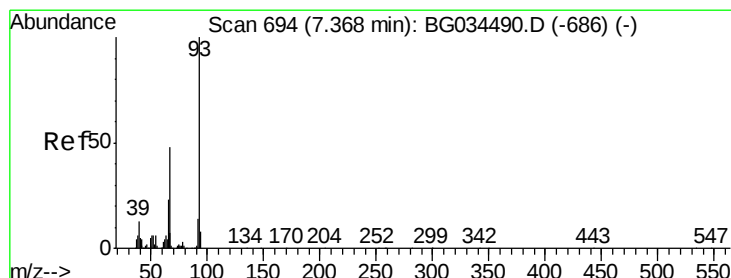
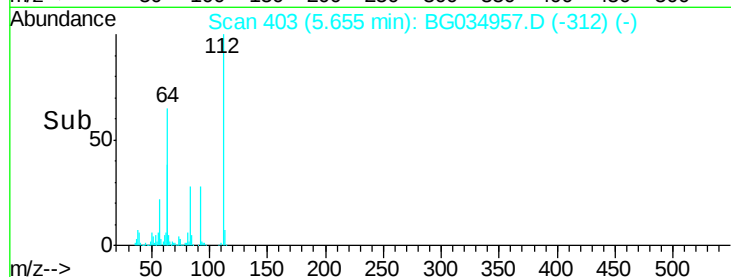
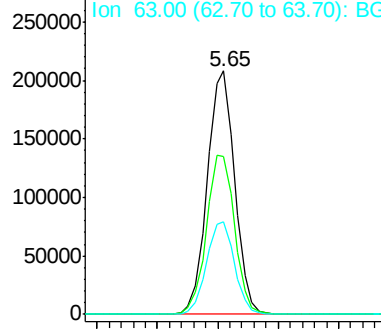
BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	329204
Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	37.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC



#6

Aniline

Concen: 11.10 ng

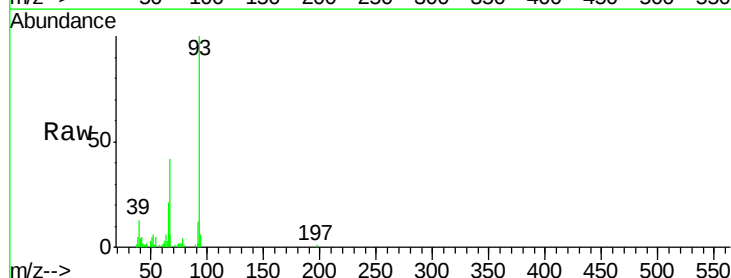
RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

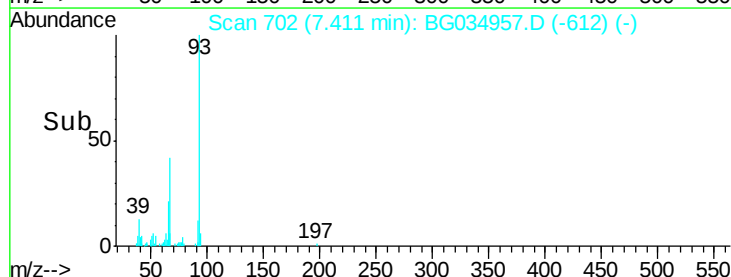
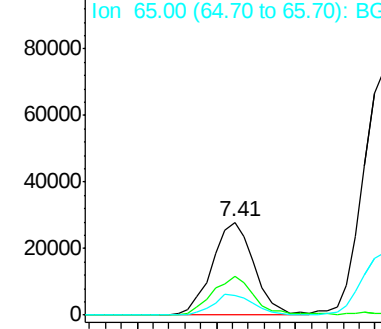
Lab File: BG034957.D

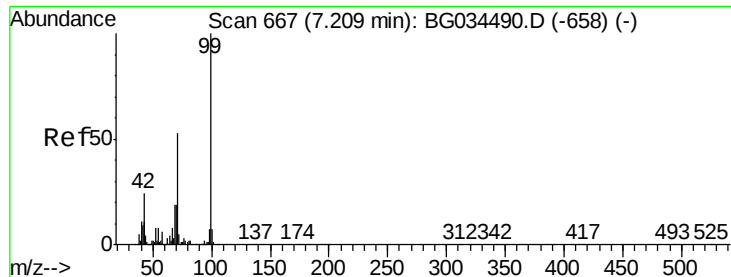
Acq: 7 Jun 2018 18:05

Tgt Ion:	93	Resp:	51041
Ion	Ratio	Lower	Upper
93	100		
66	41.6	33.7	50.5
65	20.6	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC





#7

Phenol-d6

Concen: 129.77 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

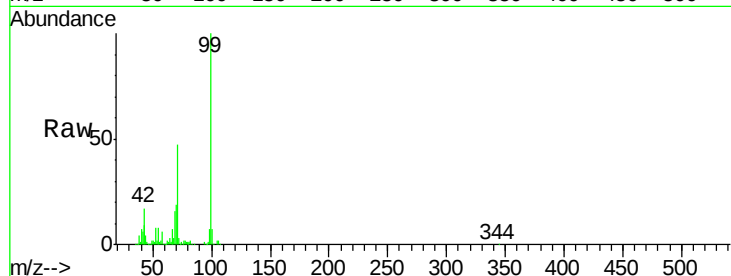
Tot Ion: 99 Resp: 461660

Ion Ratio Lower Upper

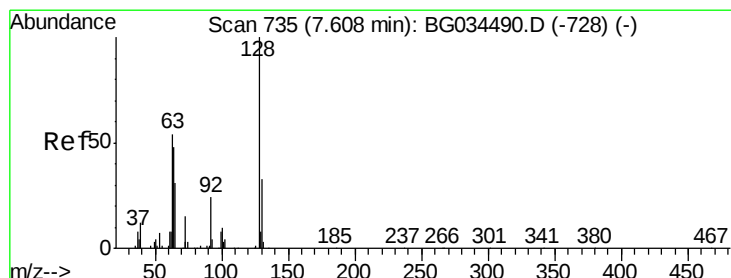
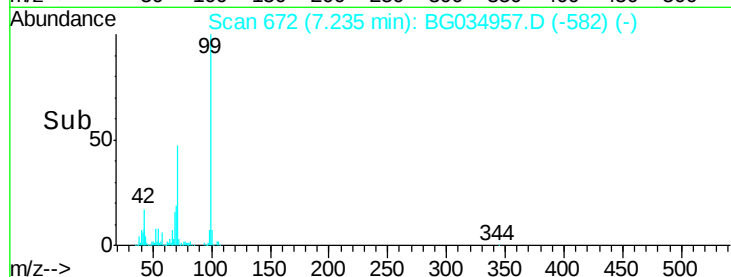
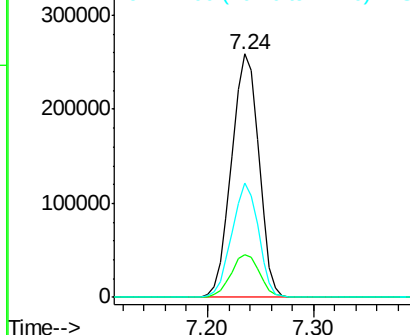
99 100

42 17.3 14.1 21.1

71 47.0 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: 44.65 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

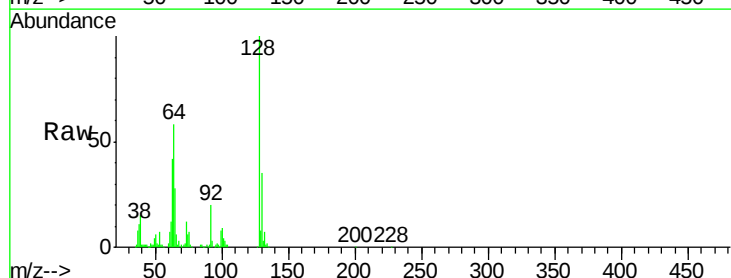
Tgt Ion:128 Resp: 112801

Ion Ratio Lower Upper

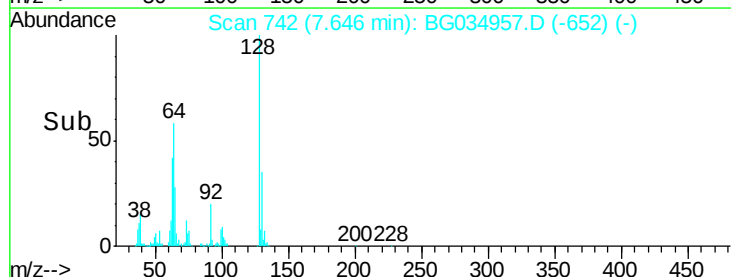
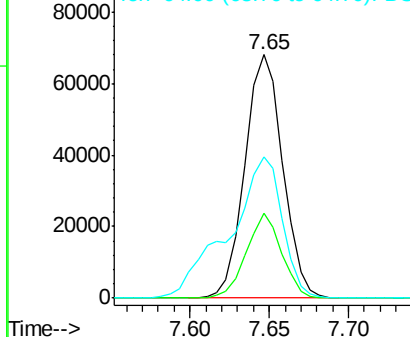
128 100

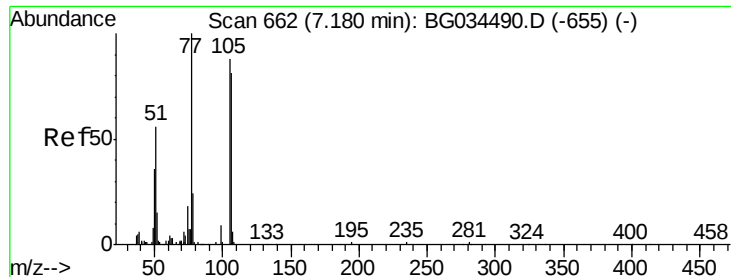
130 34.7 14.0 54.0

64 58.0 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: 11.02 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampled :

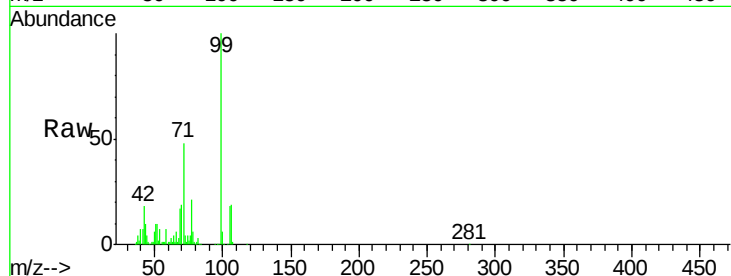
Tot Ion: 77 Resp: 30202

Ion Ratio Lower Upper

77 100

105 83.7 71.3 111.3

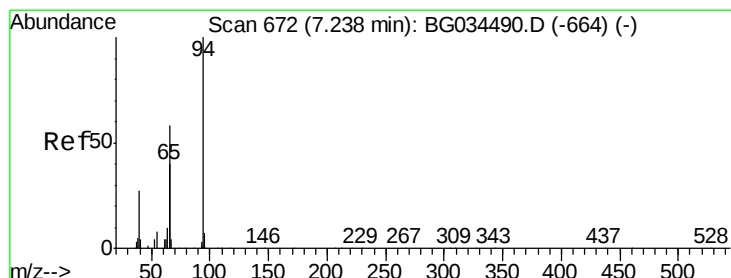
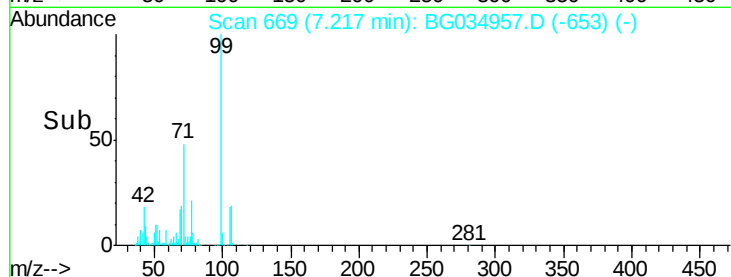
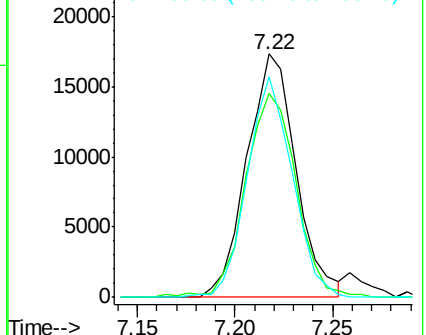
106 90.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.74 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG034957.D

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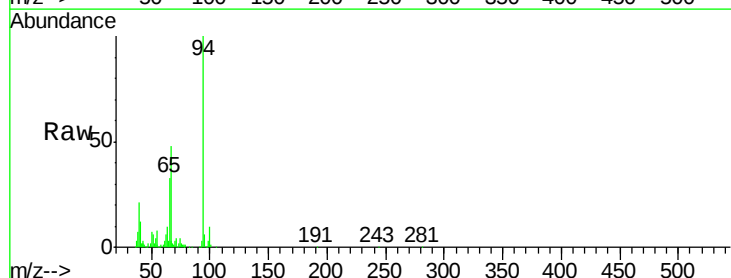
Tgt Ion: 94 Resp: 153683

Ion Ratio Lower Upper

94 100

65 33.5 11.9 51.9

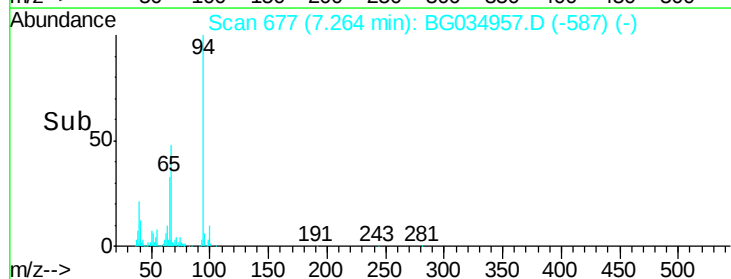
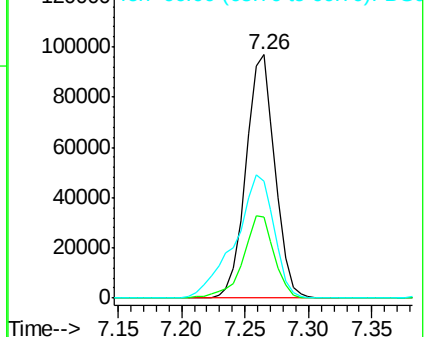
66 48.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

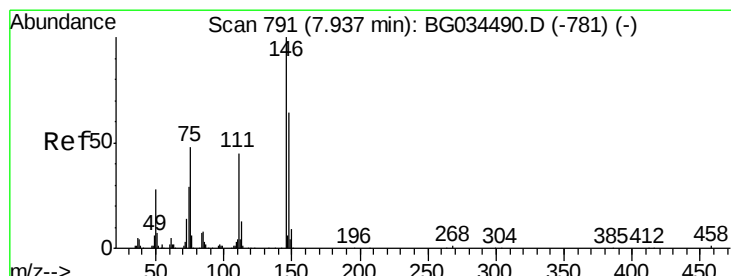
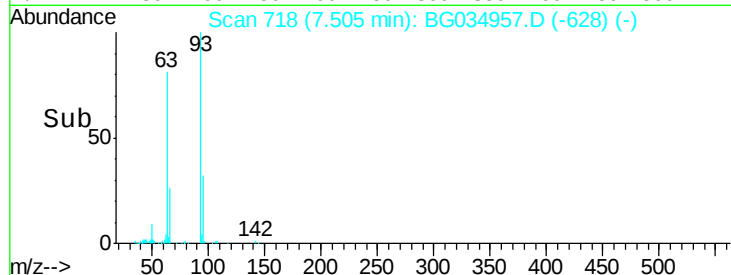
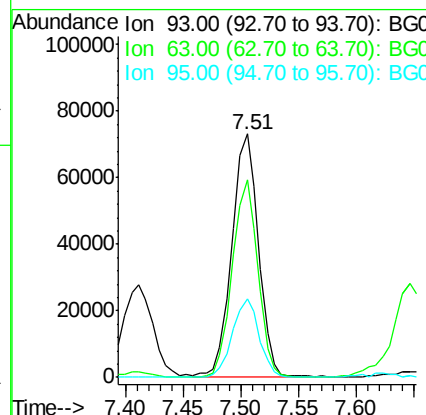
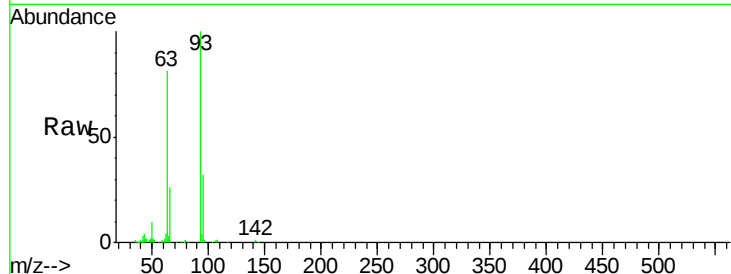




#11
bis(2-Chloroethyl)ether
Concen: 41.08 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

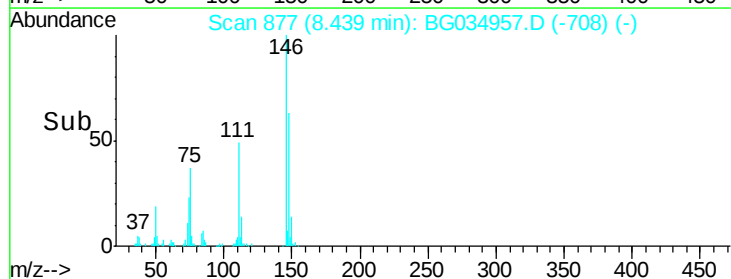
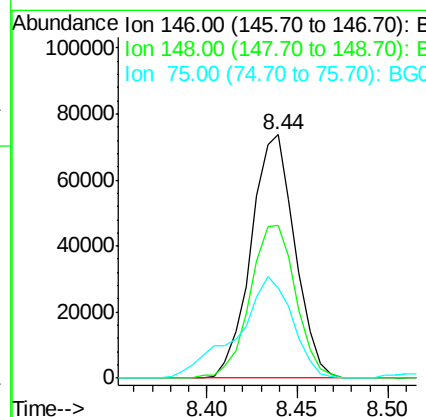
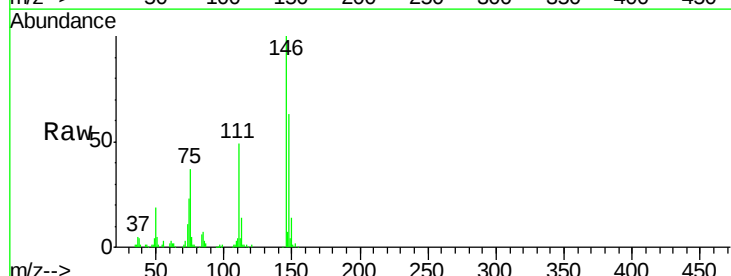
Instrument :
BNA_G
ClientSampleId :

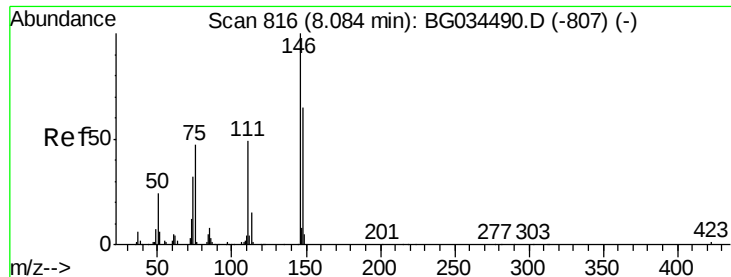
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	67.1	107.1
95	32.3	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 41.21 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.46 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
75	36.9	26.6	39.8

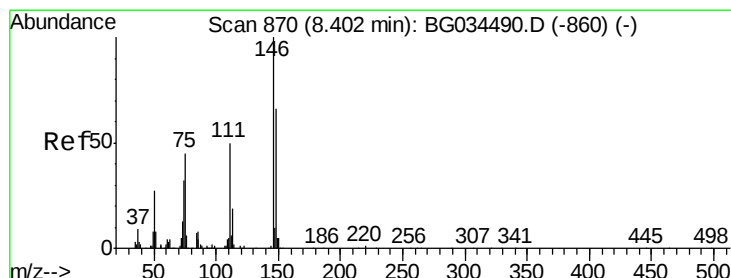
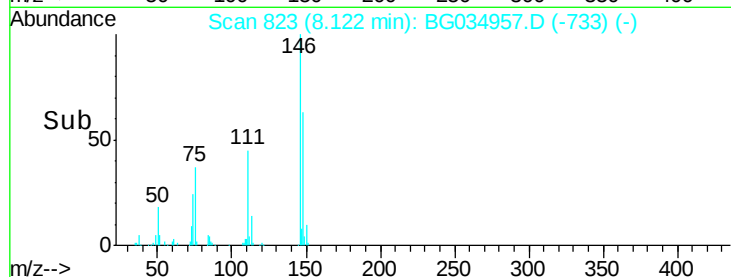
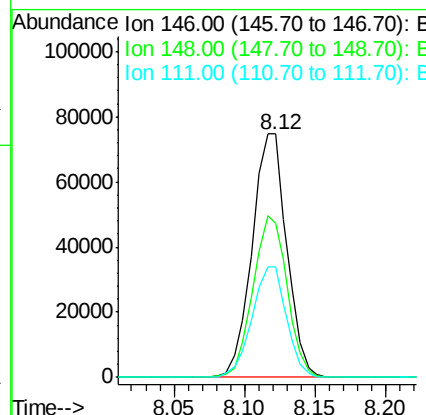
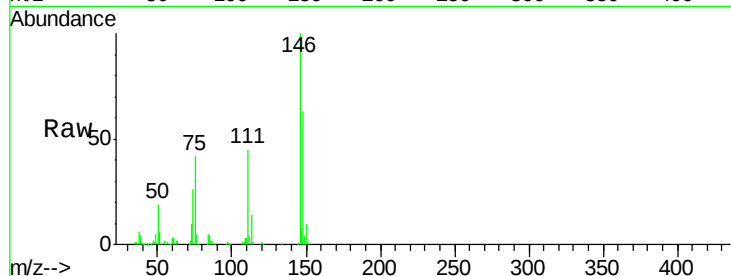




#13
1,4-Dichlorobenzene
Concen: 41.40 ng
RT: 8.12 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

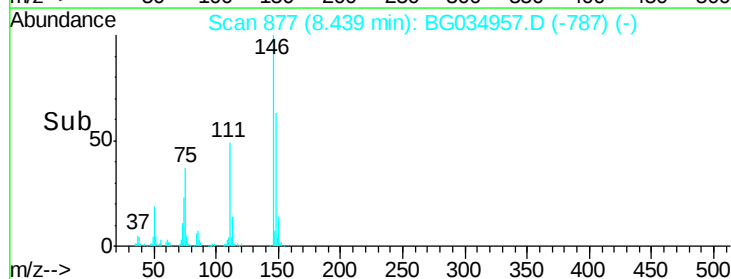
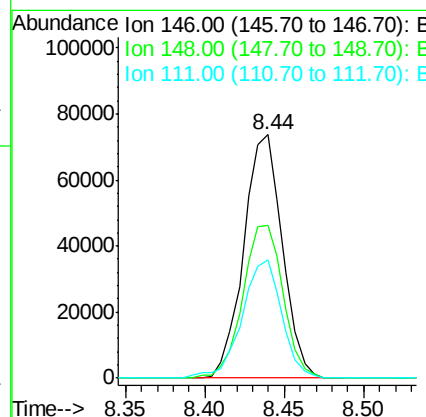
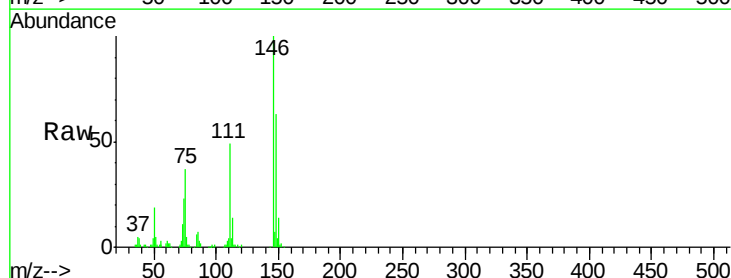
Instrument :
BNA_G
ClientSampleId :

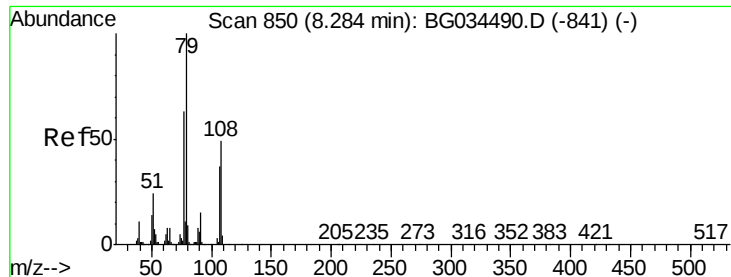
Tot Ion:146 Resp: 128824
Ion Ratio Lower Upper
146 100
148 63.3 53.7 80.5
111 45.2 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 42.50 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:146 Resp: 124243
Ion Ratio Lower Upper
146 100
148 62.5 49.3 73.9
111 48.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.93 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

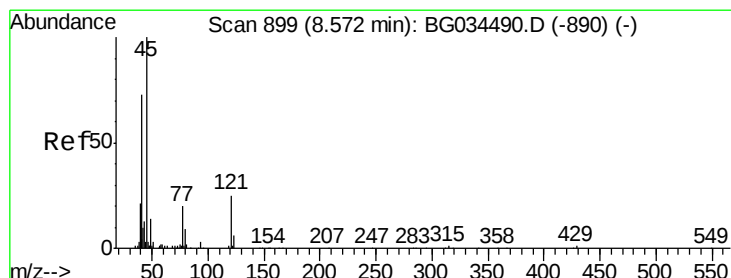
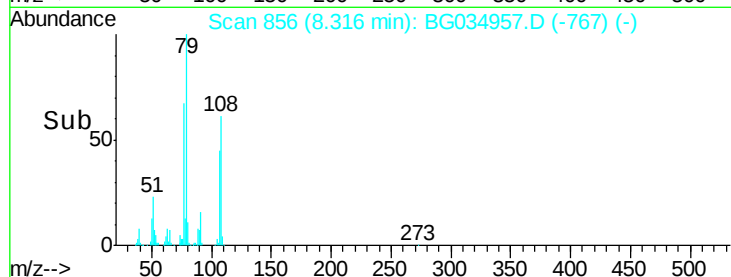
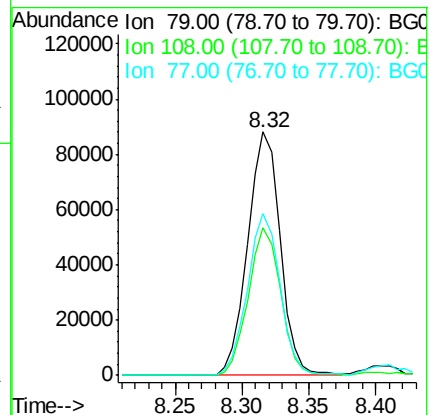
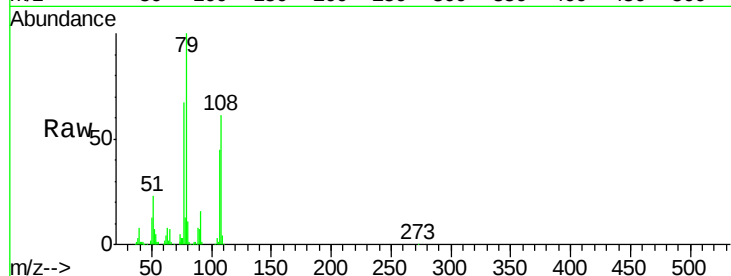
Tot Ion: 79 Resp: 148078

Ion Ratio Lower Upper

79 100

108 60.7 57.2 85.8

77 66.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.84 ng

RT: 8.62 min Scan# 907

Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

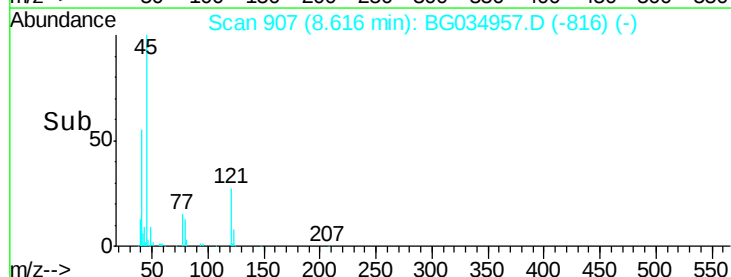
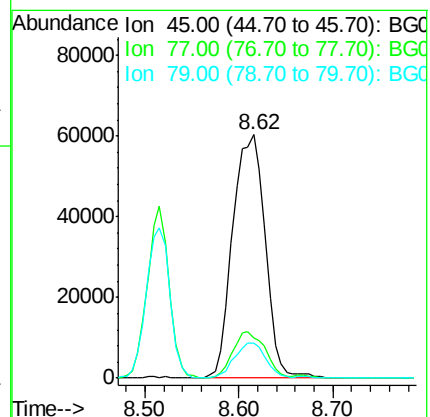
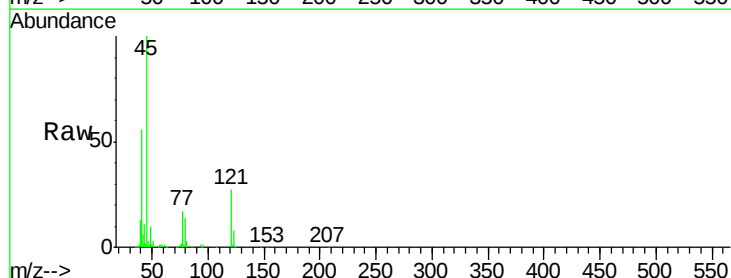
Tgt Ion: 45 Resp: 144591

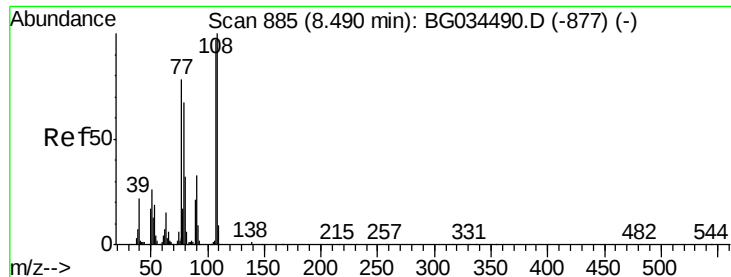
Ion Ratio Lower Upper

45 100

77 16.6 0.0 30.2

79 14.1 0.0 27.9





#17

2-Methylphenol

Concen: 47.04 ng

RT: 8.52 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG034957.D

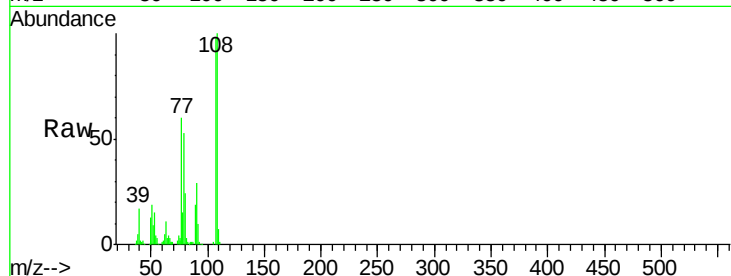
Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	114192
Ion	Ratio	Lower	Upper
107	100		
108	101.8	83.9	125.9
77	61.1	37.2	55.8
79	53.5	36.2	54.2

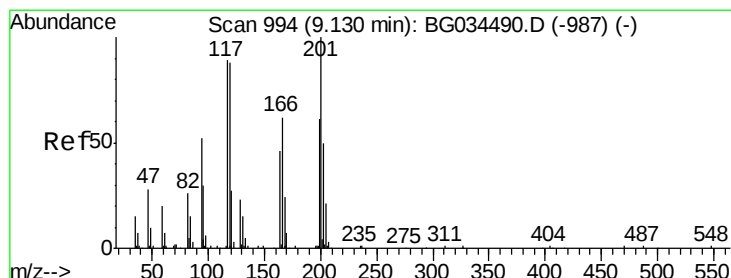
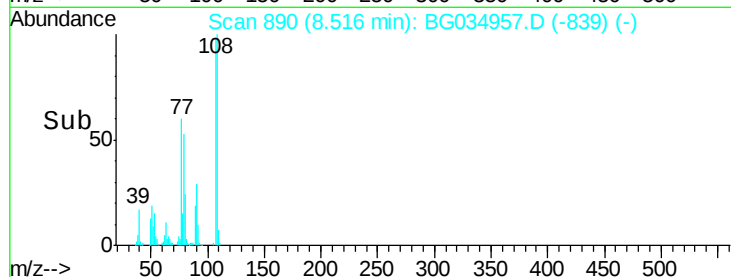
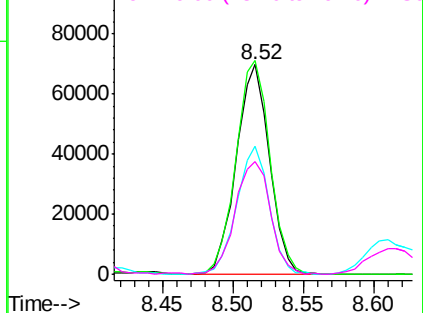


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.28 ng

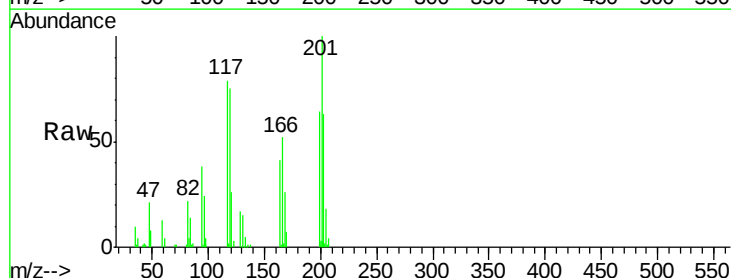
RT: 9.17 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

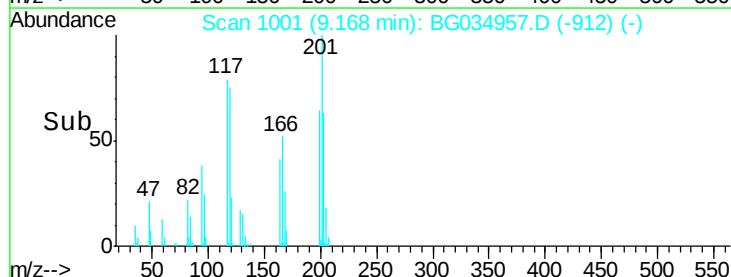
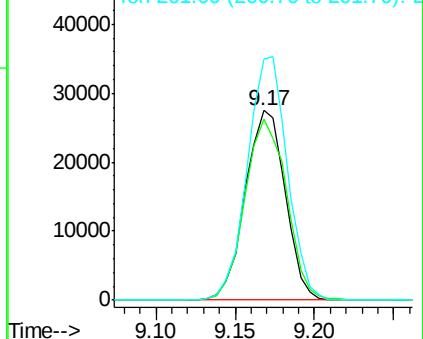
Tgt Ion:	117	Resp:	48214
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
201	126.9	95.7	143.5

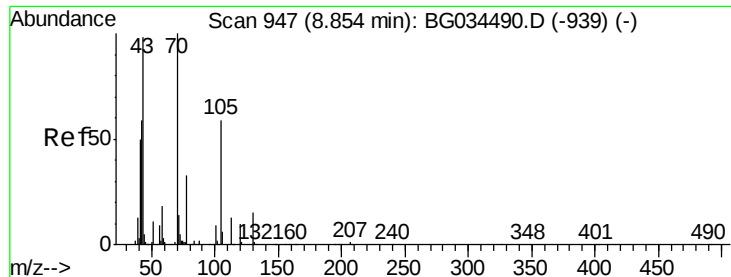


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

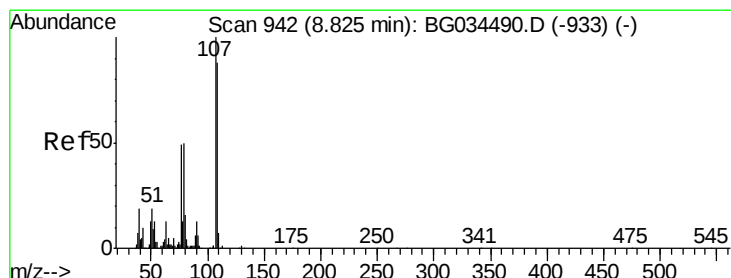
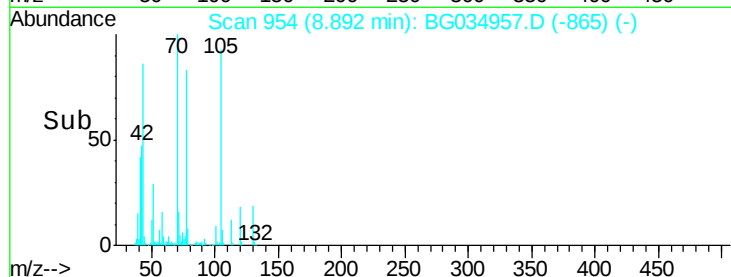
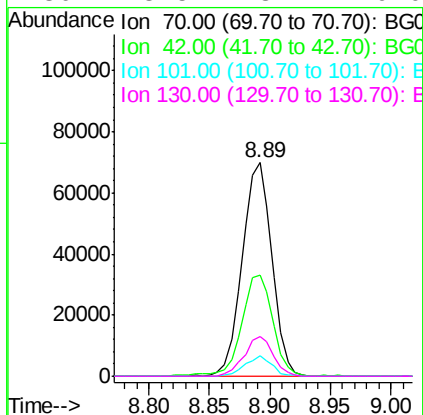
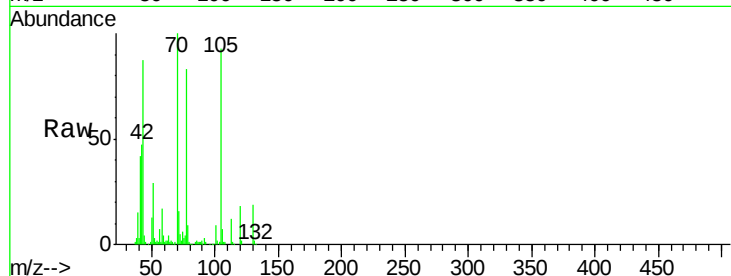




#19
n-Nitroso-di-n-propylamine
Concen: 39.65 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

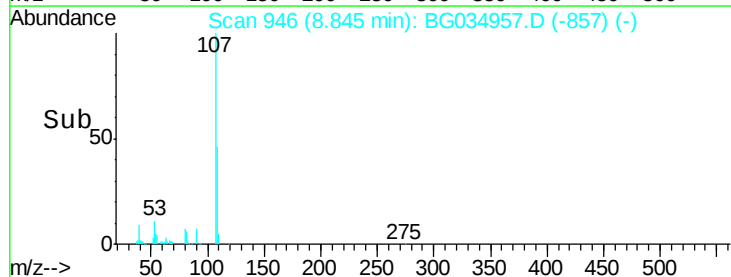
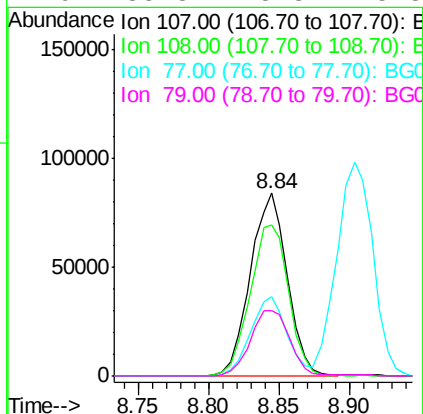
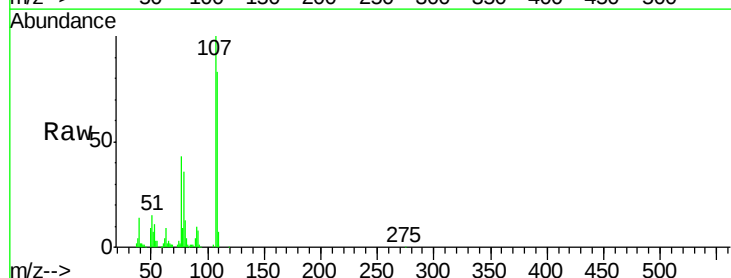
Instrument :
BNA_G
ClientSampleId :

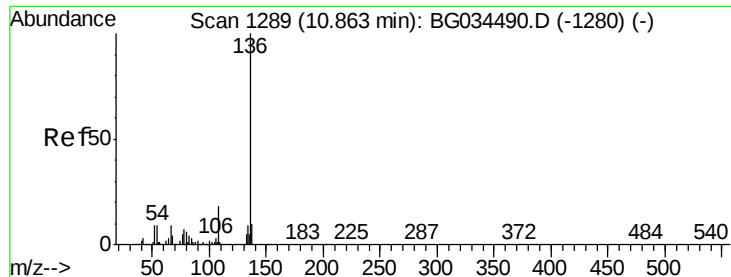
Tot Ion: 70 Resp: 119835
Ion Ratio Lower Upper
70 100
42 47.3 49.1 73.7#
101 9.3 8.5 12.7
130 18.5 13.4 20.0



#20
3+4-Methylphenols
Concen: 44.27 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion: 107 Resp: 154016
Ion Ratio Lower Upper
107 100
108 83.0 61.6 101.6
77 43.5 13.9 53.9
79 35.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 153420

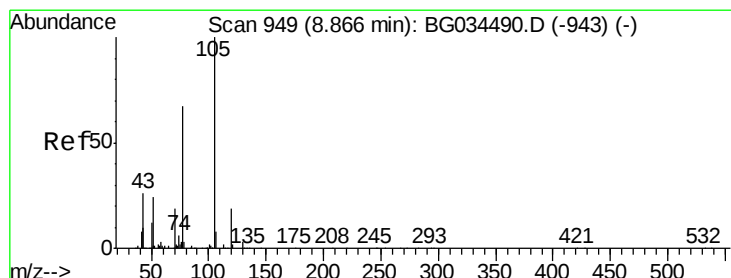
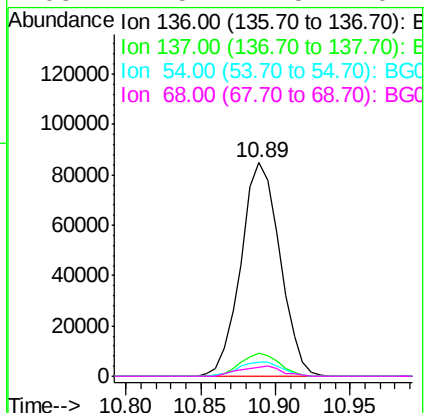
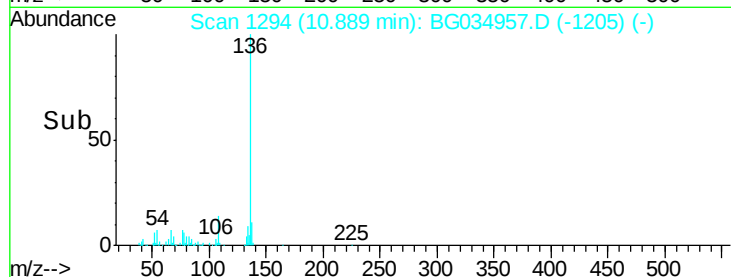
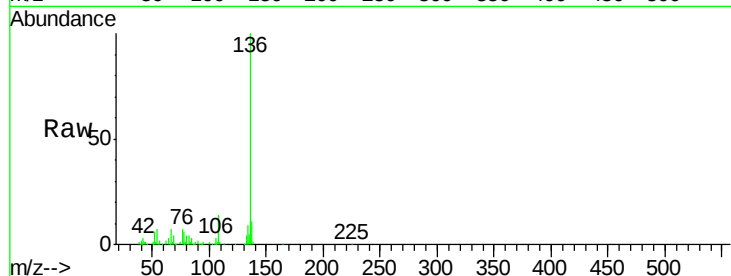
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.7 10.3 15.5#

68 4.5 4.5 6.7#



#22

Acetophenone

Concen: 43.37 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:105 Resp: 206128

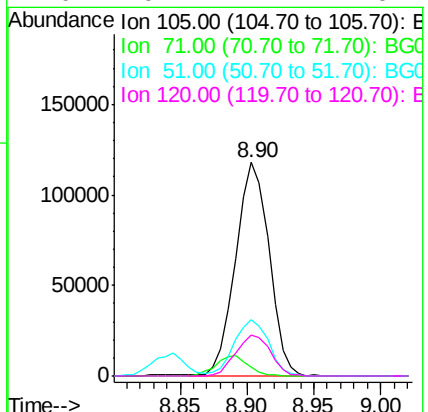
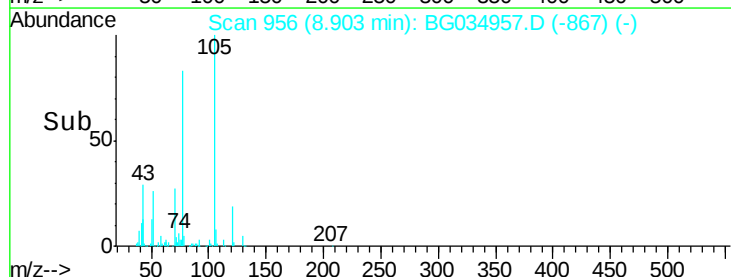
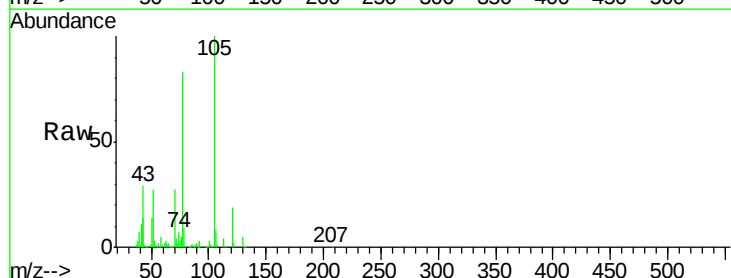
Ion Ratio Lower Upper

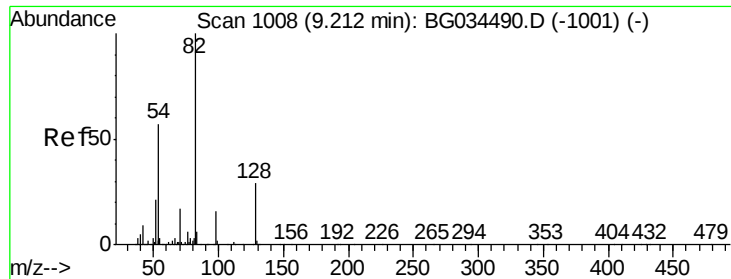
105 100

71 4.5 3.0 4.4#

51 26.5 26.1 39.1

120 19.4 17.4 26.2

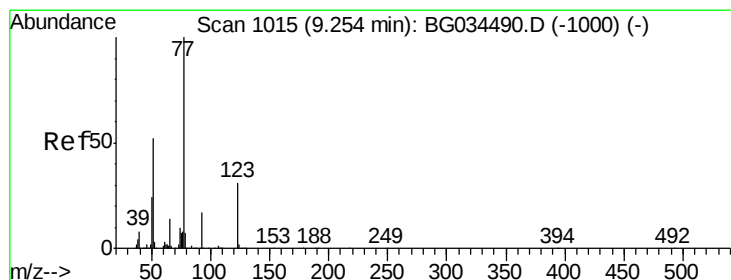
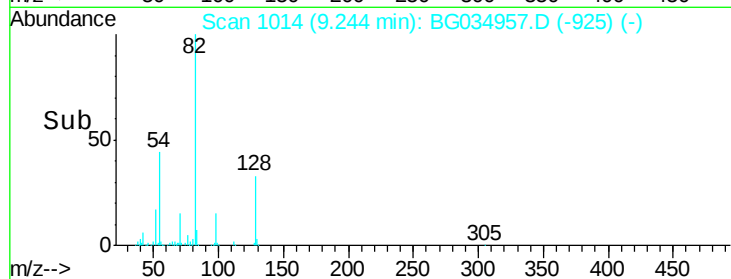
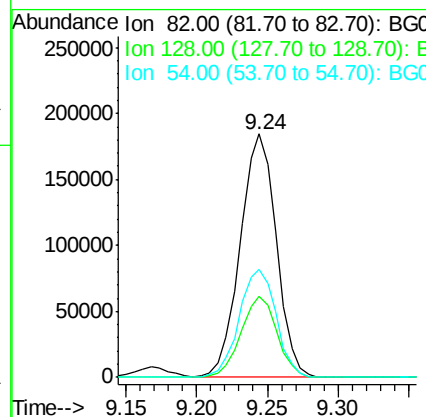
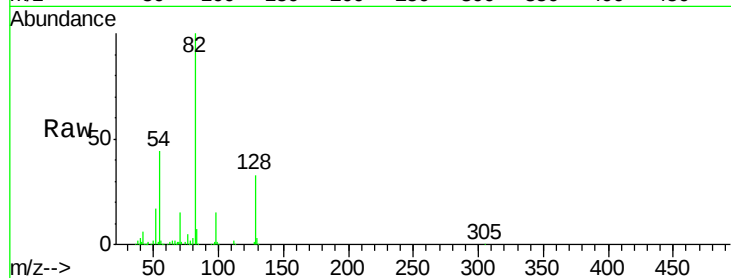




#23
 Nitrobenzene-d5
 Concen: 102.32 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

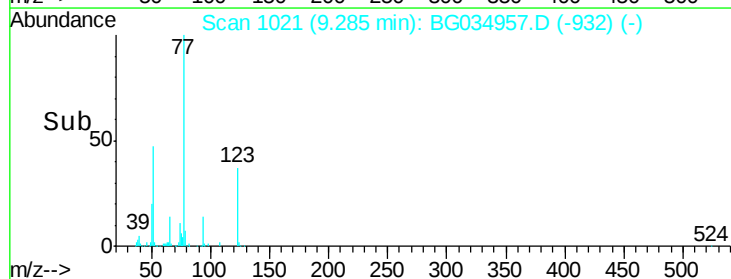
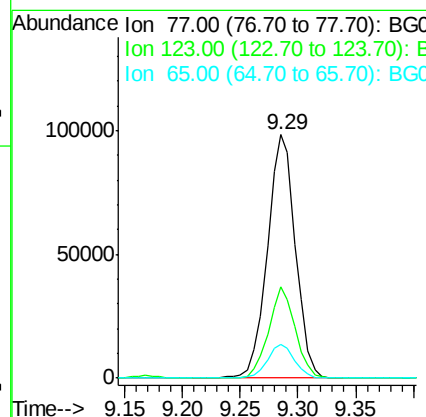
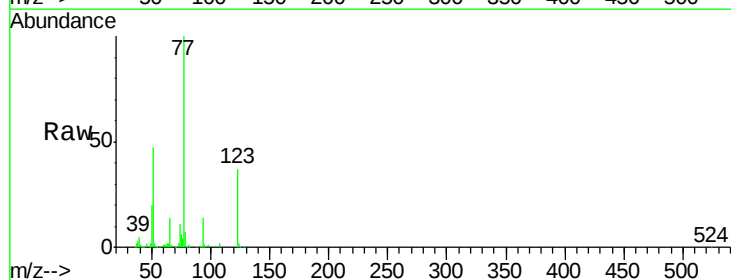
Instrument :
 BNA_G
 ClientSampleId :

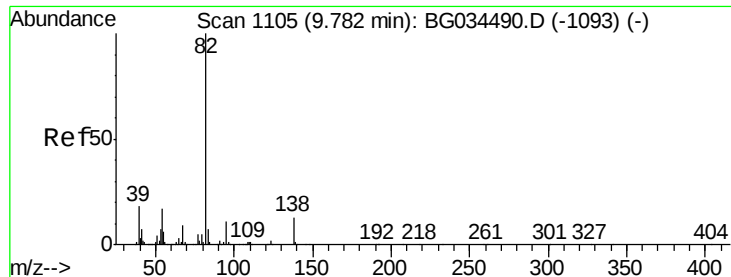
Tot Ion	82.00	Resp	330247
Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	44.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 50.27 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	77.00	Resp	166135
Ion	Ratio	Lower	Upper
77	100		
123	37.3	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 48.67 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

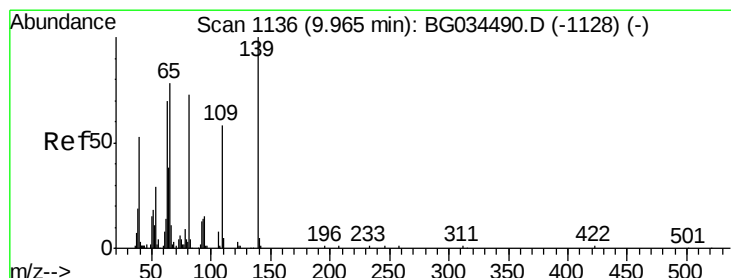
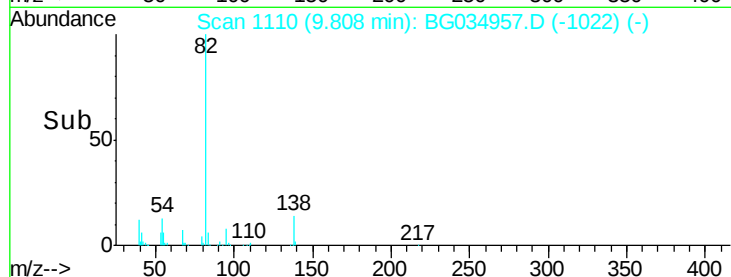
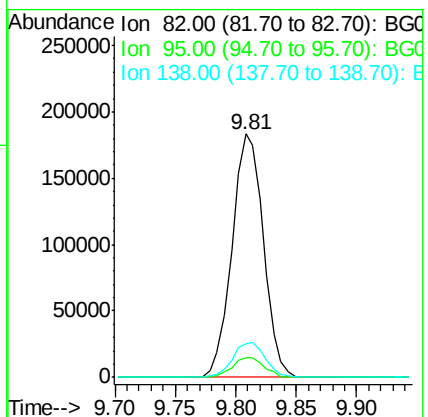
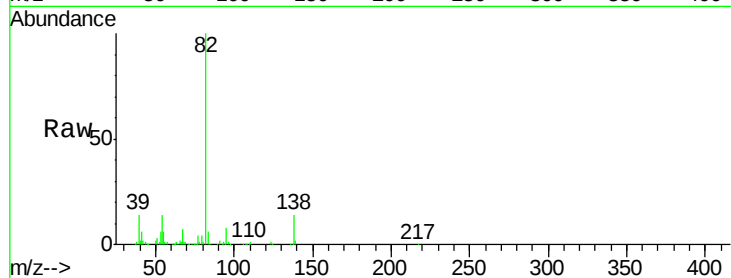
Tot Ion: 82 Resp: 331669

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 13.7 12.1 18.1



#26

2-Nitrophenol

Concen: 52.25 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

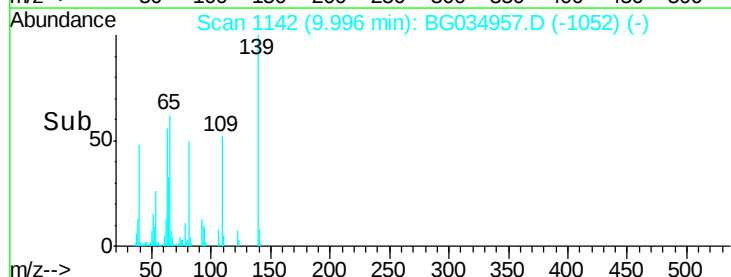
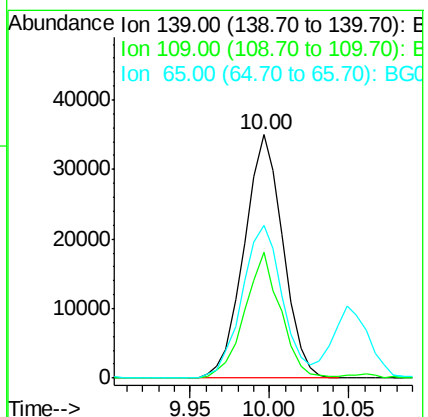
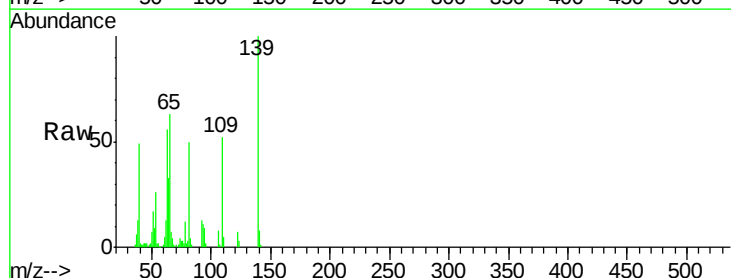
Tgt Ion: 139 Resp: 59522

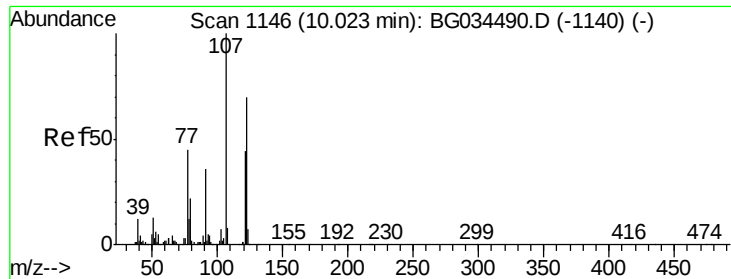
Ion Ratio Lower Upper

139 100

109 51.7 24.2 36.2#

65 62.6 47.4 71.0

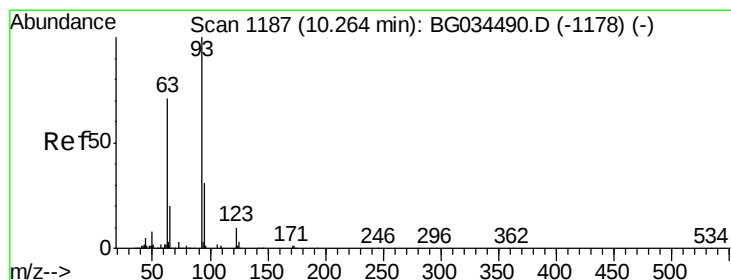
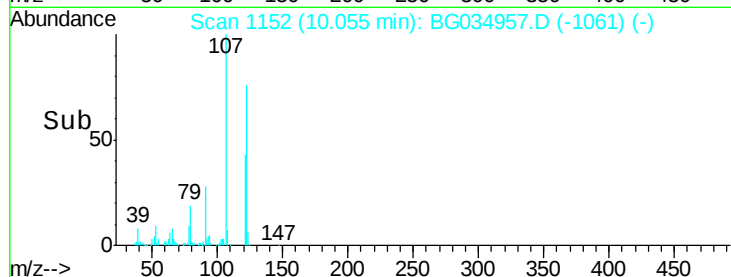
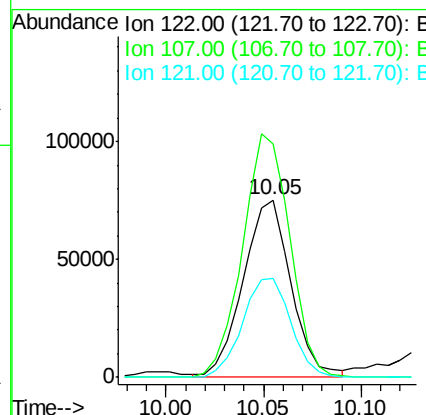
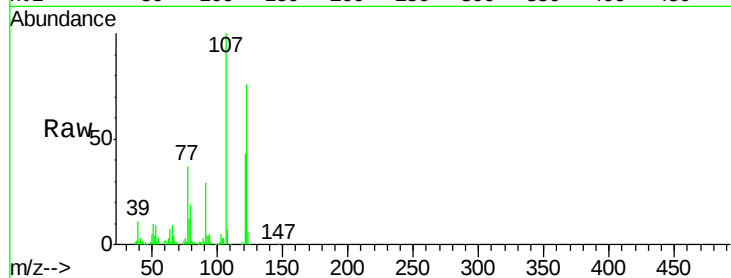




#27
 2,4-Dimethylphenol
 Concen: 53.30 ng
 RT: 10.05 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

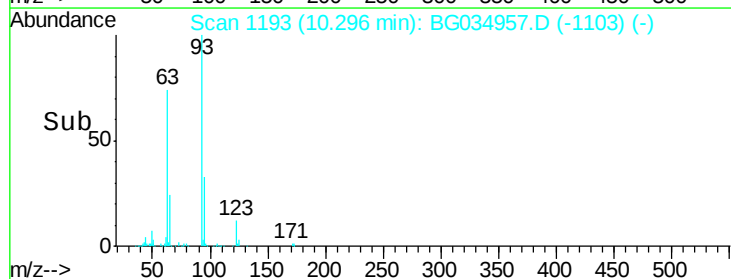
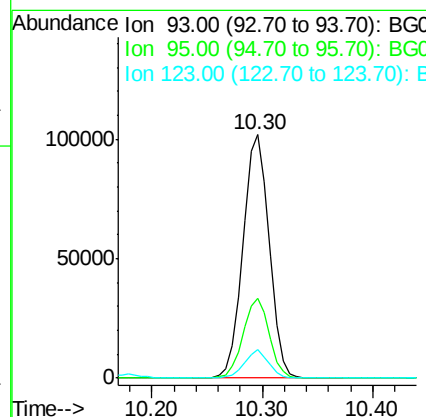
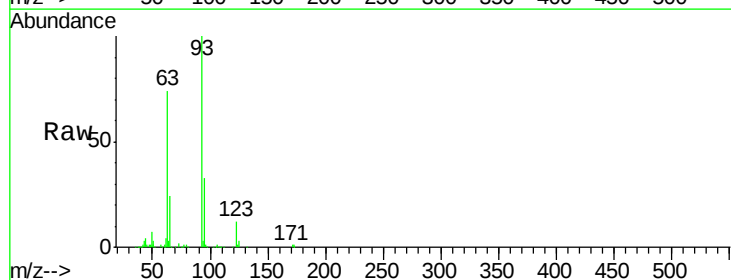
Instrument :
 BNA_G
 ClientSampleId :

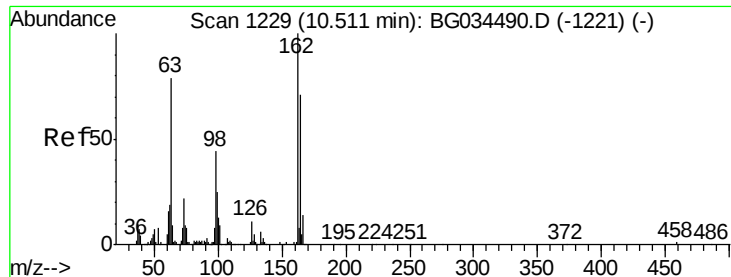
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	100.2	150.2
121	56.2	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.37 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.7	8.4	12.6

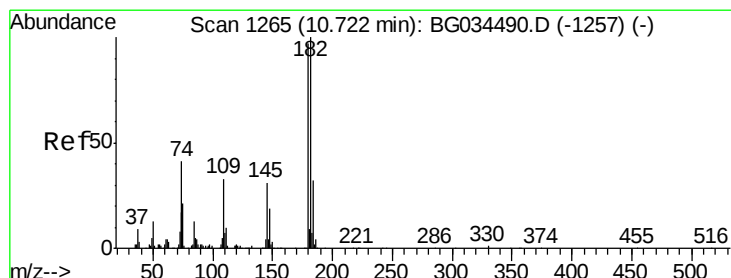
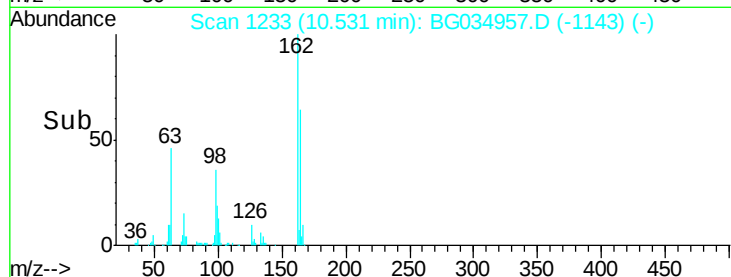
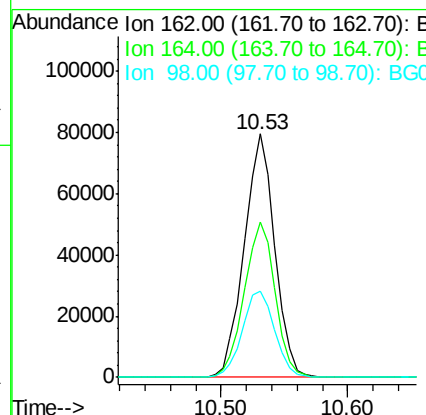
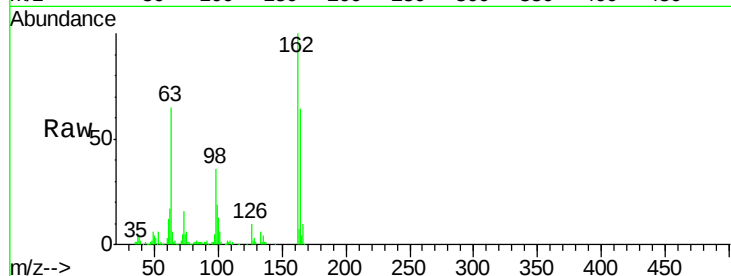




#29
2,4-Dichlorophenol
Concen: 50.97 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

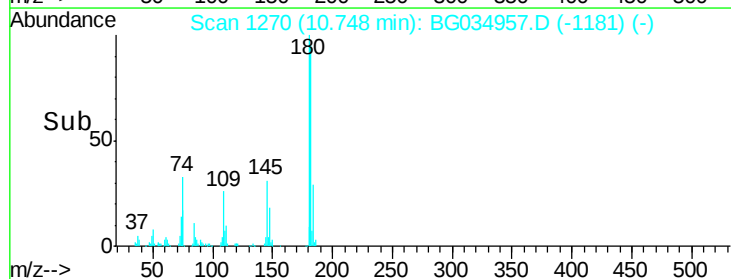
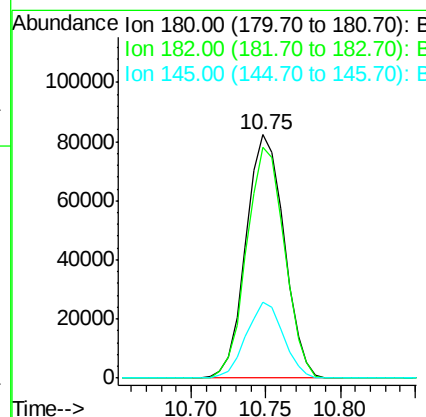
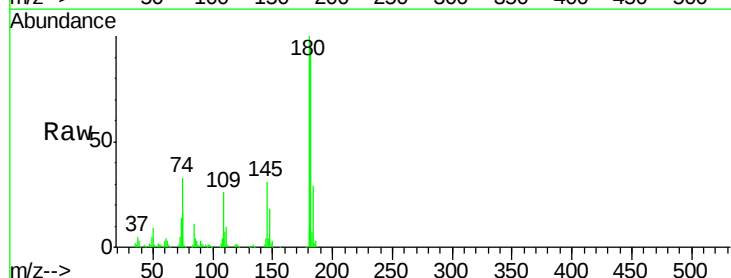
Instrument :
BNA_G
ClientSampleId :

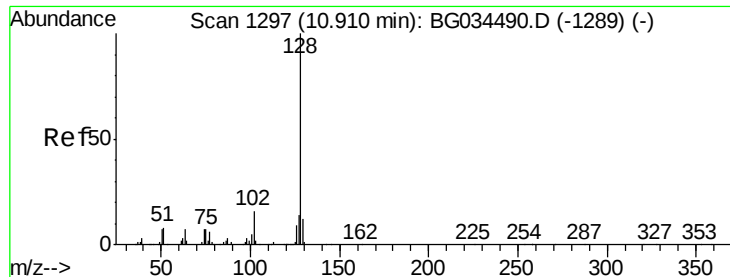
Tot Ion:162 Resp: 132806
Ion Ratio Lower Upper
162 100
164 63.7 48.0 88.0
98 35.6 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 46.57 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:180 Resp: 145502
Ion Ratio Lower Upper
180 100
182 94.9 77.5 116.3
145 31.2 23.4 35.2

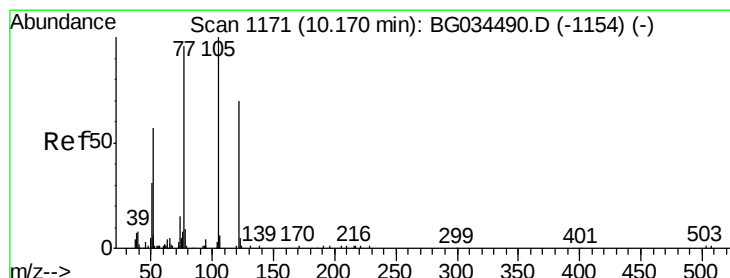
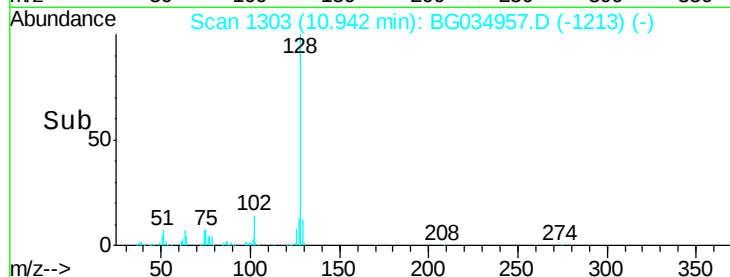
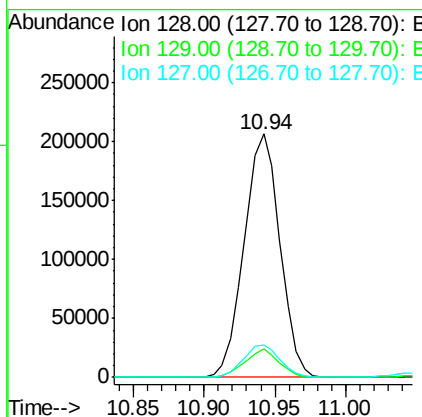
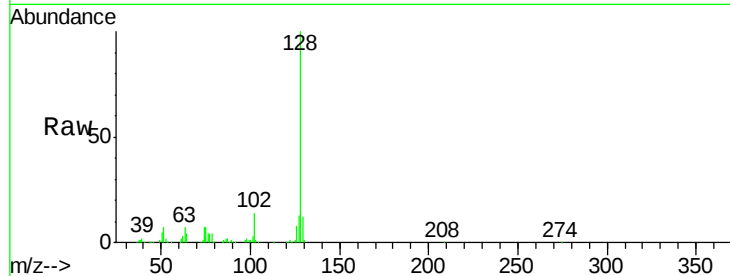




#31
Naphthalene
Concen: 46.01 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

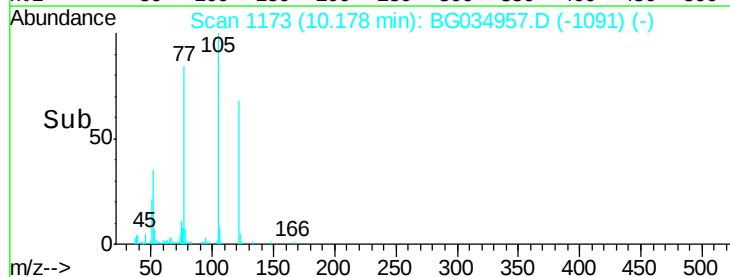
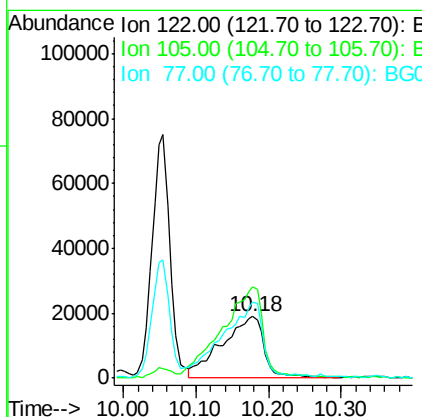
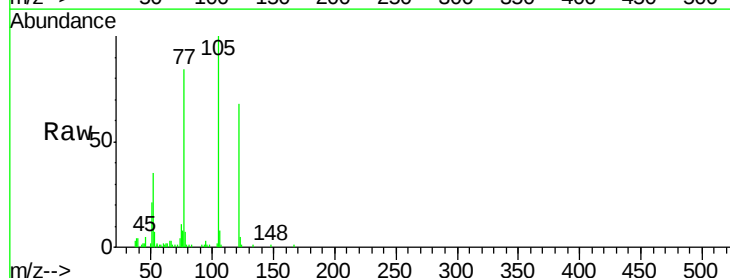
Instrument :
BNA_G
ClientSampleId :

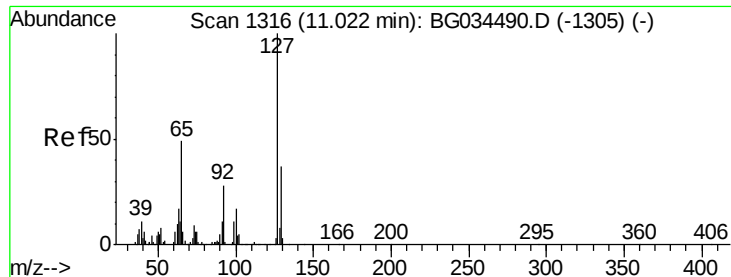
Tot Ion:128 Resp: 366686
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 48.29 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.05 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:122 Resp: 77452
Ion Ratio Lower Upper
122 100
105 148.0 123.5 163.5
77 124.1 85.7 125.7

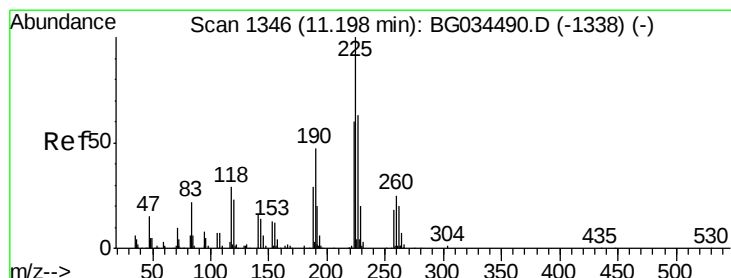
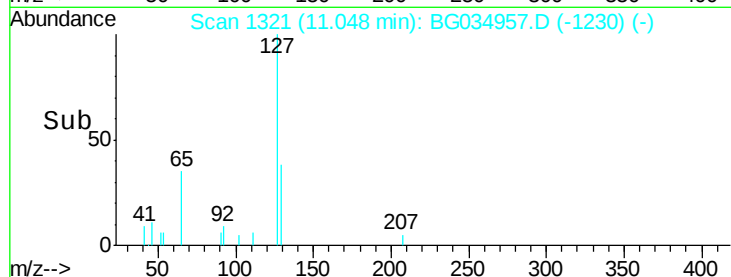
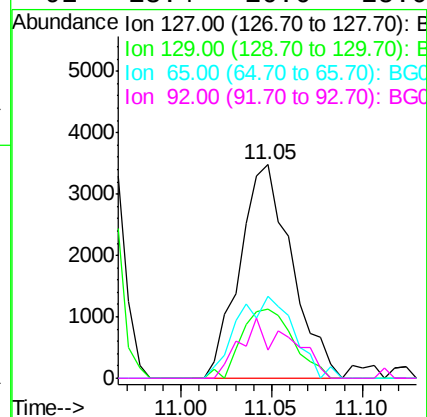
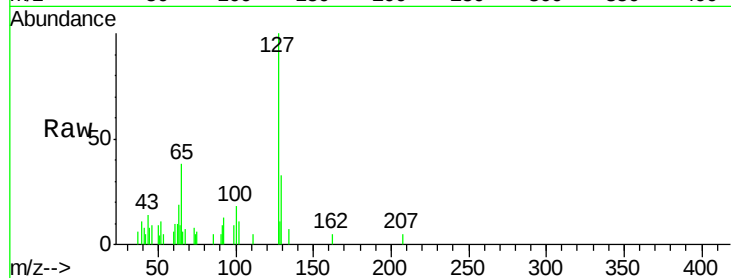




#33
4-Chloroaniline
Concen: 2.00 ng
RT: 11.05 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

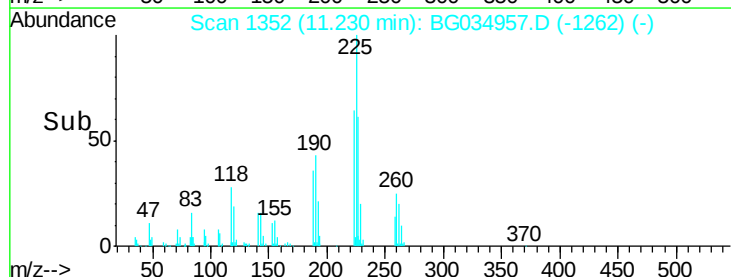
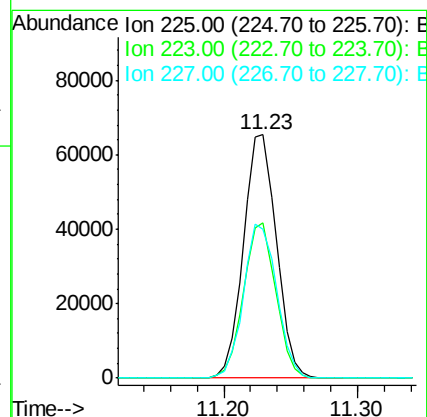
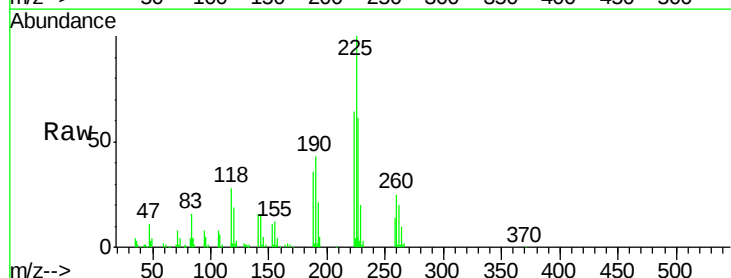
Instrument :
BNA_G
ClientSampleId :

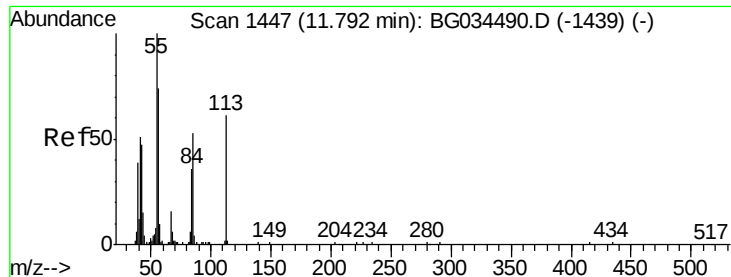
Tot Ion:127	Resp: 6929
Ion Ratio	Lower Upper
127 100	
129 32.6	24.0 36.0
65 38.3	27.0 40.4
92 13.4	16.6 25.0#



#34
Hexachlorobutadiene
Concen: 45.75 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	225	Resp: Lower	111151 Upper
	Ratio		
225	100		
223	63.8	49.7	74.5
227	61.1	48.1	72.1

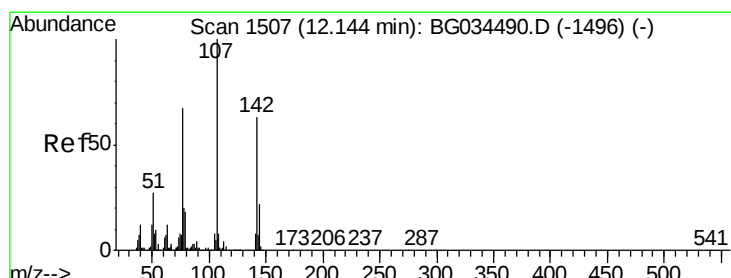
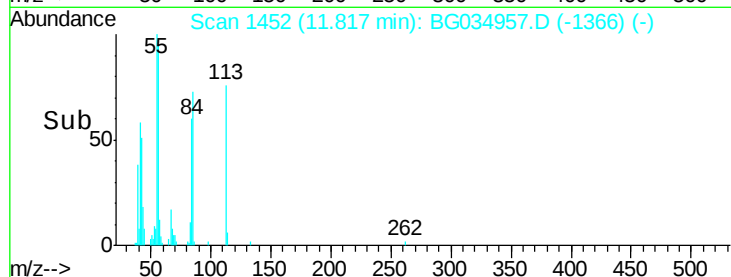
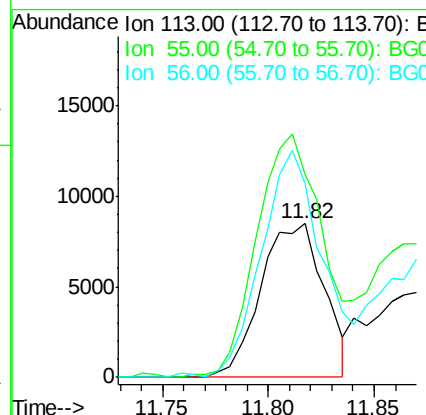
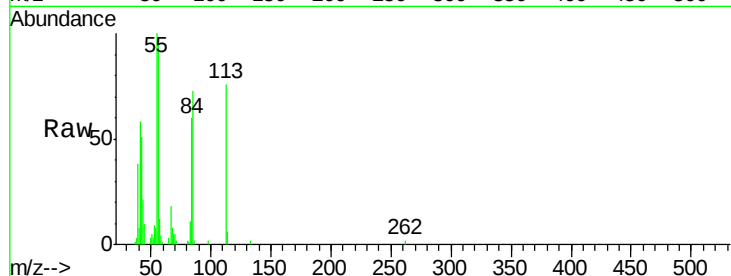




#35
 Caprolactam
 Concen: 18.30 ng
 RT: 11.82 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

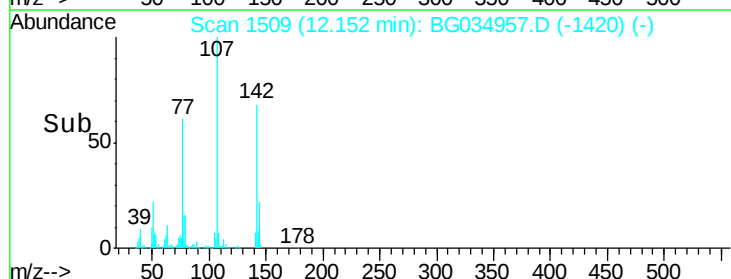
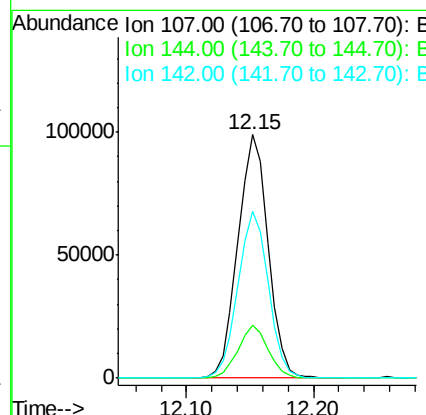
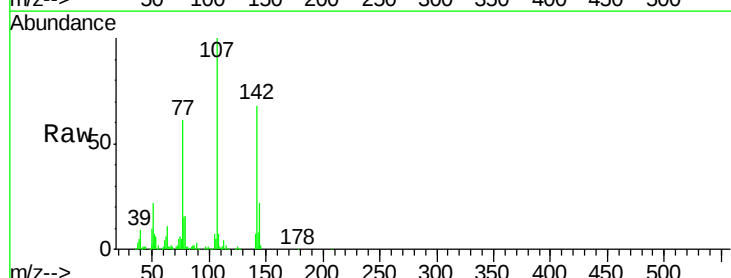
Instrument :
 BNA_G
 ClientSampleId :

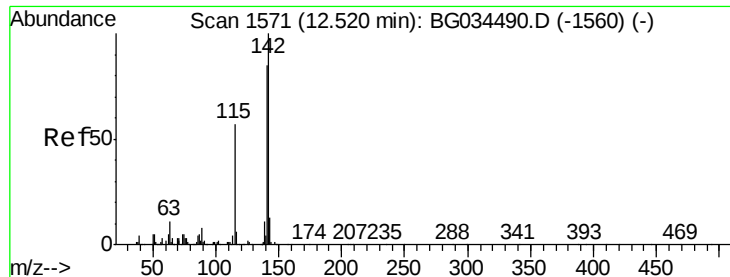
Tot Ion:113 Resp: 17625
 Ion Ratio Lower Upper
 113 100
 55 131.5 186.9 226.9#
 56 125.5 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 50.15 ng
 RT: 12.15 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion:107 Resp: 162886
 Ion Ratio Lower Upper
 107 100
 144 21.9 18.2 27.4
 142 68.3 59.0 88.4

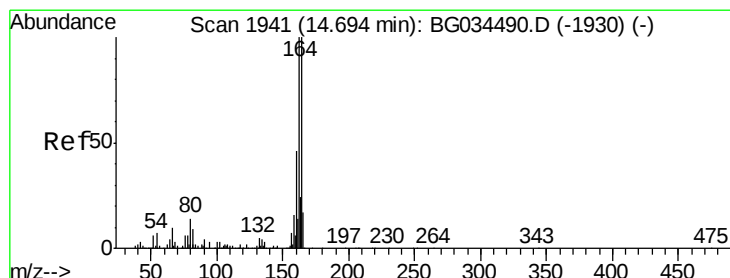
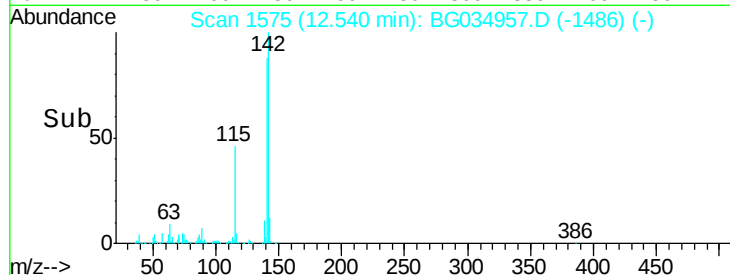
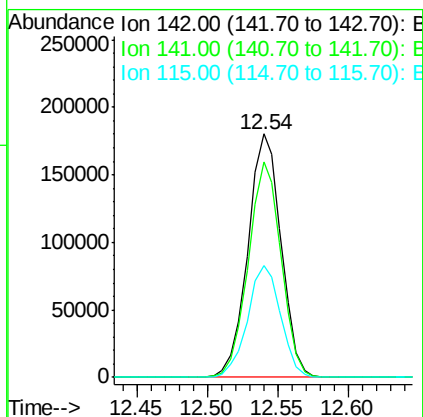
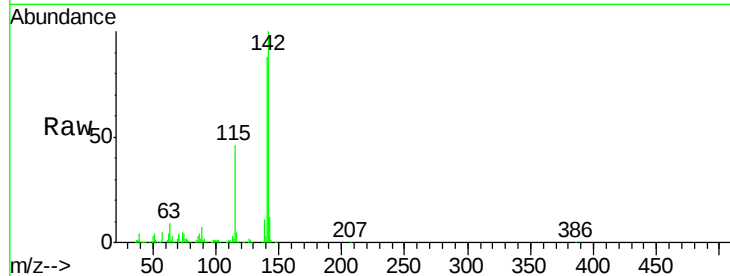




#37
2-Methylnaphthalene
Concen: 49.13 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

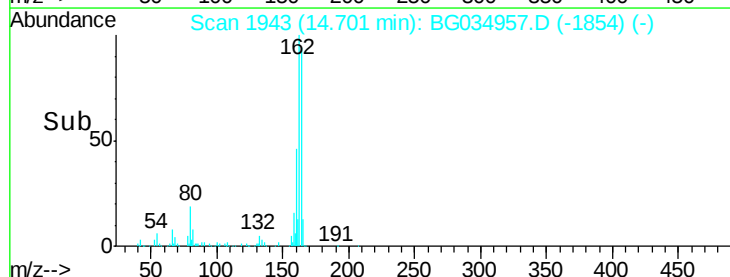
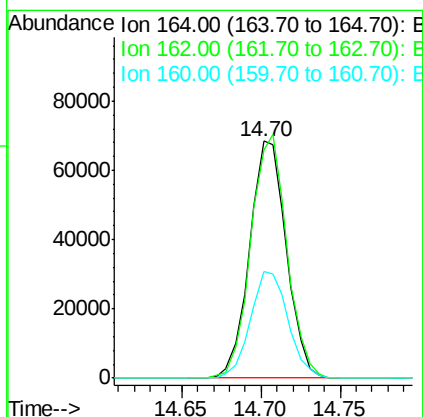
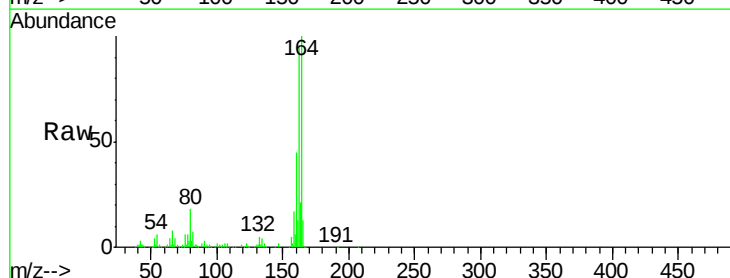
Instrument :
BNA_G
ClientSampleId :

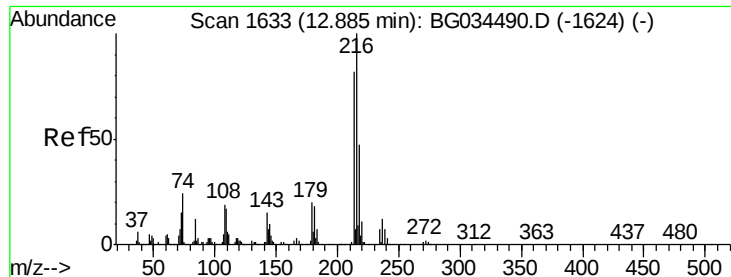
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.1	100.7
115	45.9	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	78.8	118.2
160	44.8	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.10 ng

RT: 12.90 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 200993

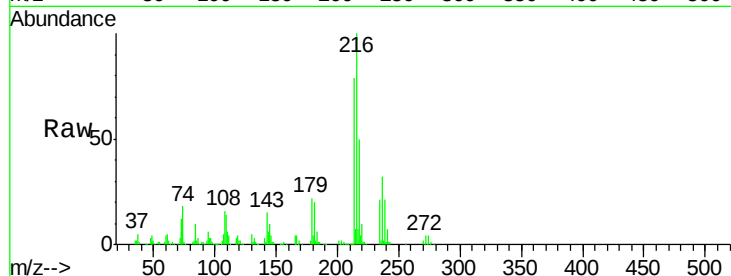
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.3 17.0 25.6

108 18.7 12.8 19.2

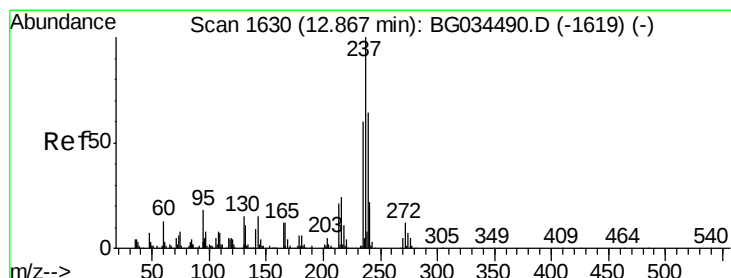
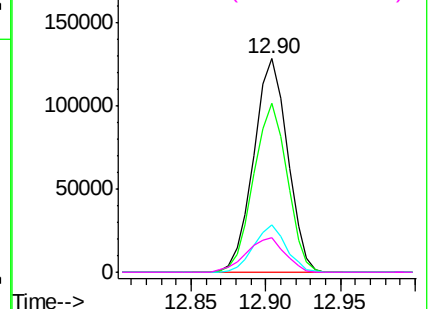
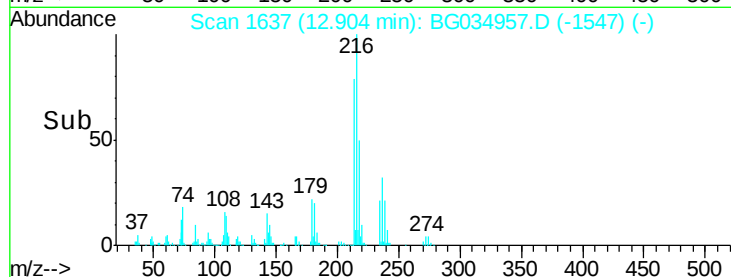


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.95 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

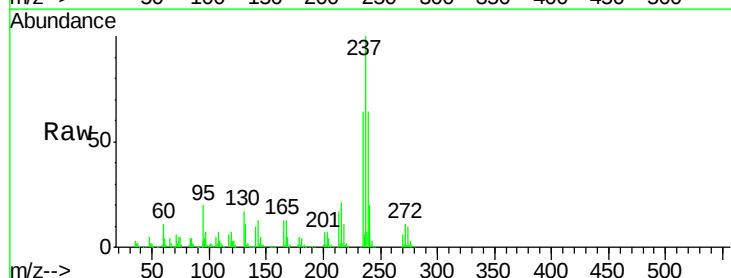
Tgt Ion:237 Resp: 264293

Ion Ratio Lower Upper

237 100

235 63.9 50.4 90.4

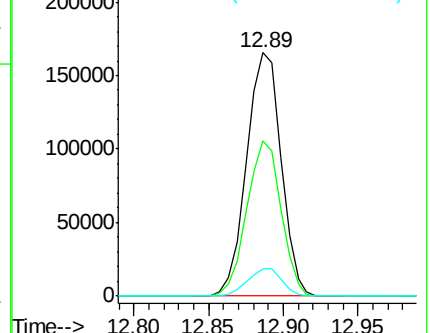
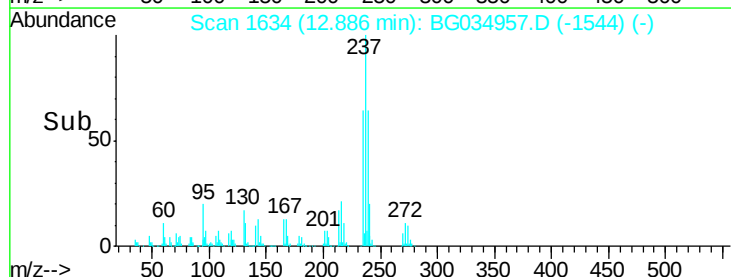
272 11.4 0.0 31.8

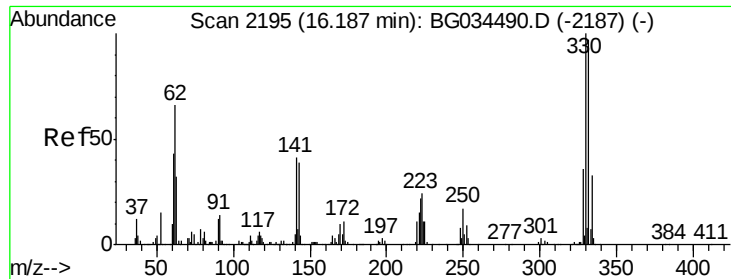


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

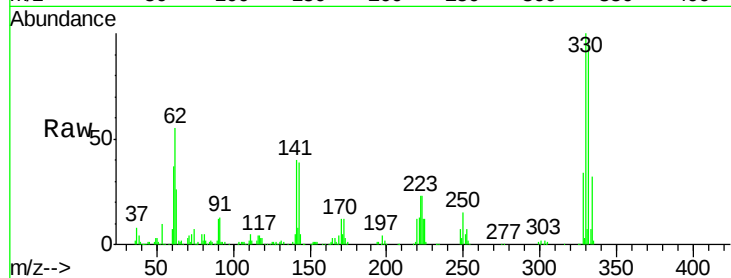




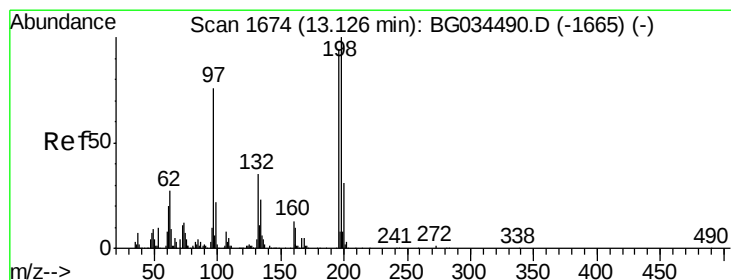
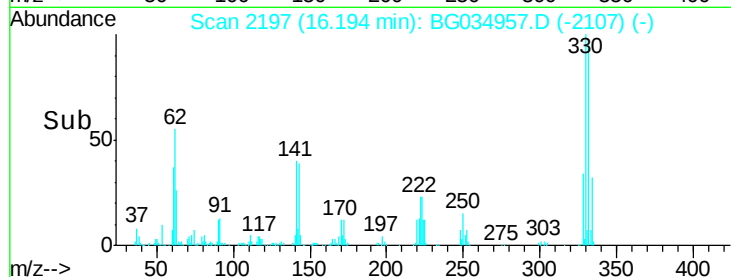
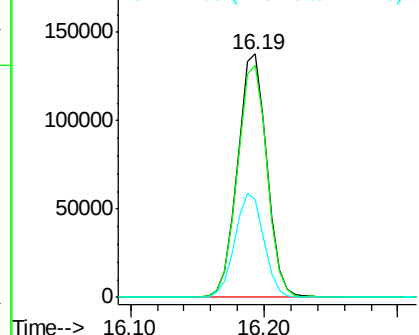
#41
 2,4,6-Tribromophenol
 Concen: 149.52 ng
 RT: 16.19 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 210363
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 42.5 25.2 37.8#

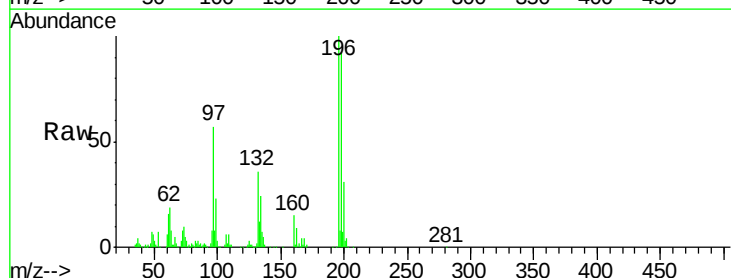


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

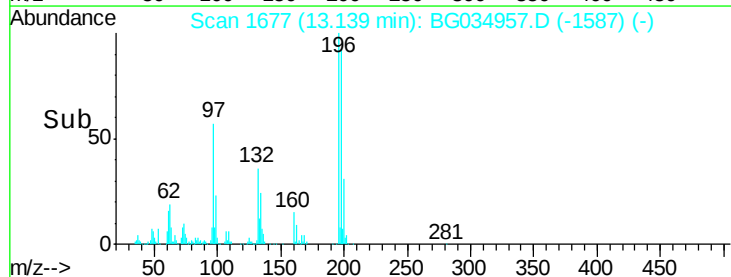
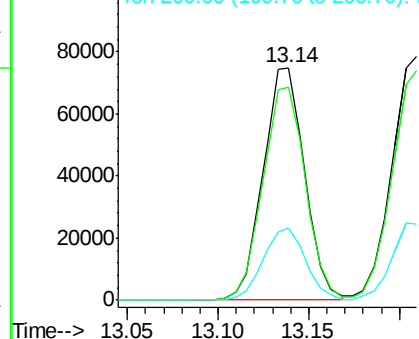


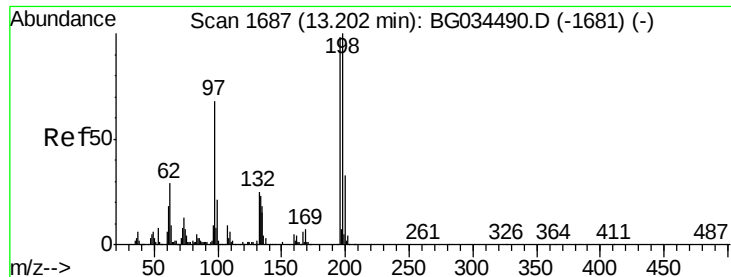
#42
 2,4,6-Trichlorophenol
 Concen: 48.56 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion:196 Resp: 119034
 Ion Ratio Lower Upper
 196 100
 198 91.5 78.2 117.2
 200 31.1 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

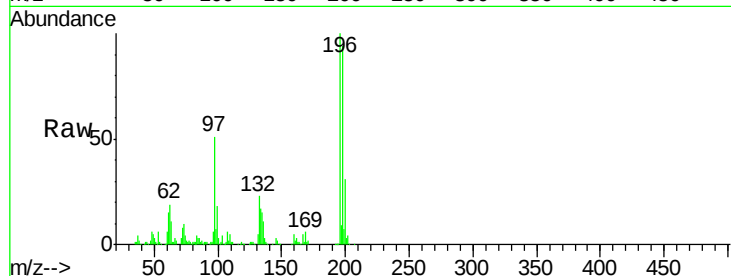




#43
2,4,5-Trichlorophenol
Concen: 48.28 ng
RT: 13.21 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.2	114.4
97	51.0	38.7	58.1
132	23.1	20.2	30.2



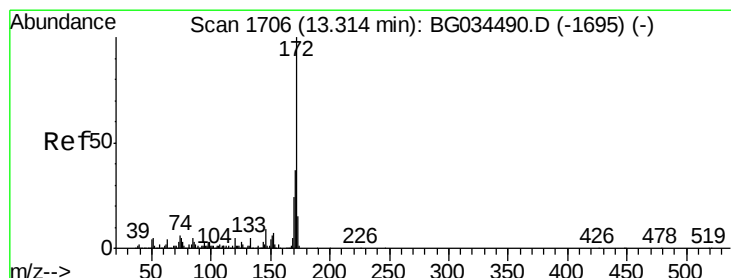
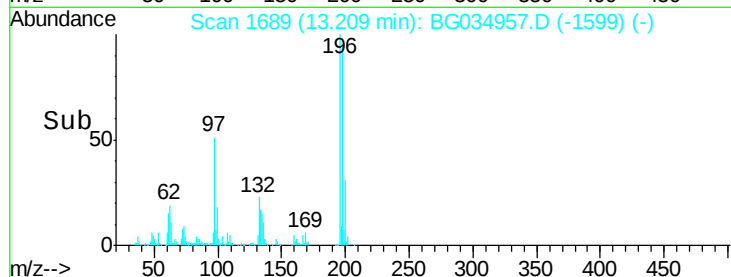
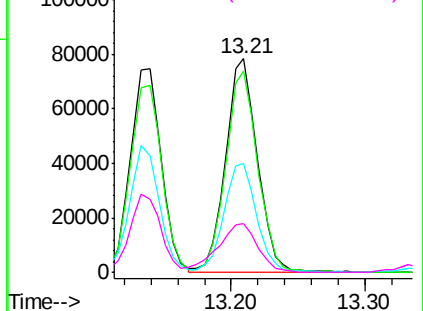
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

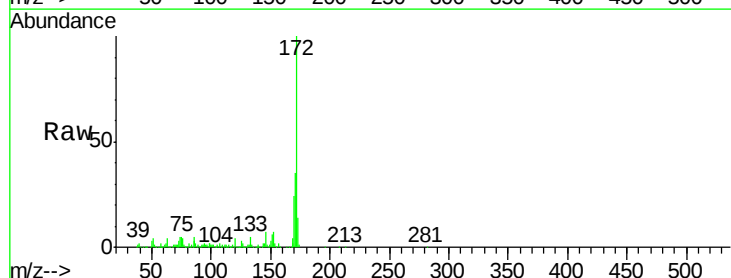
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.38 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.5	19.5	29.3

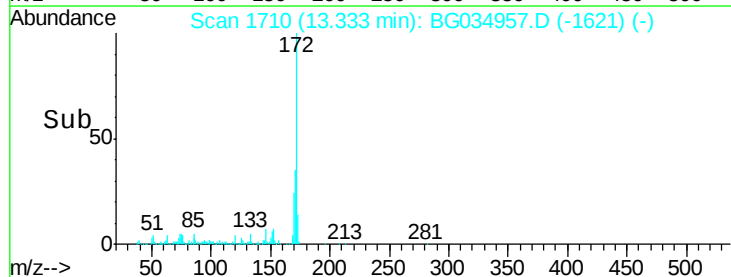
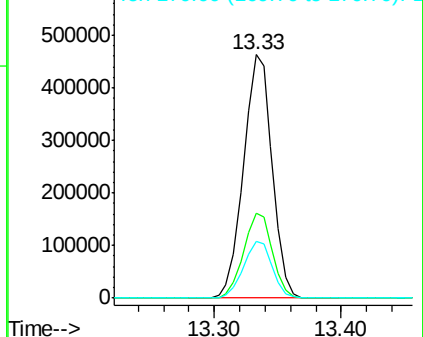


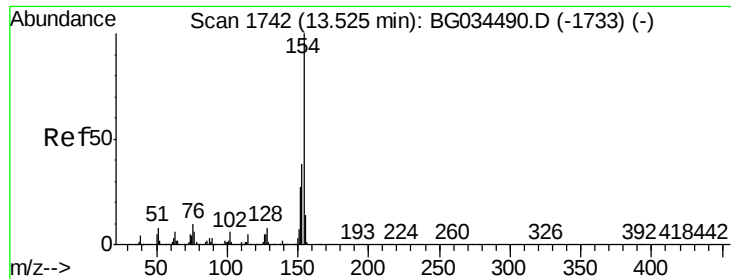
Abundance

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

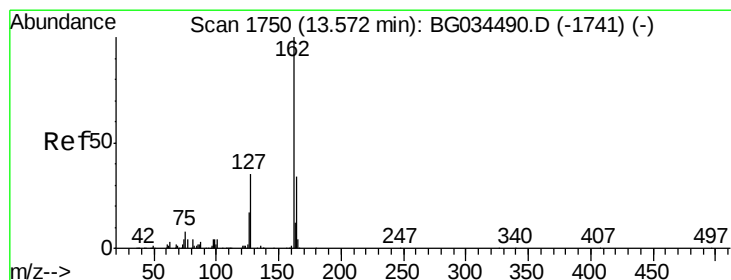
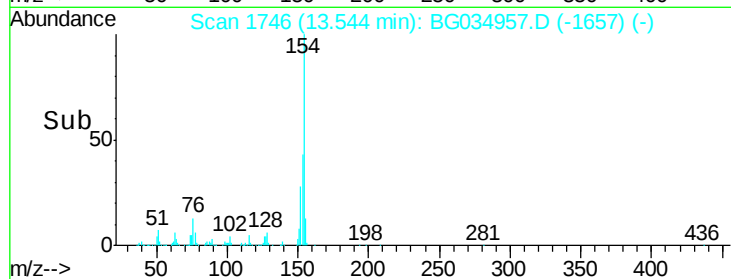
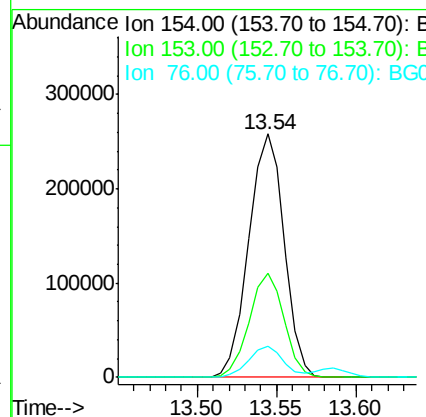
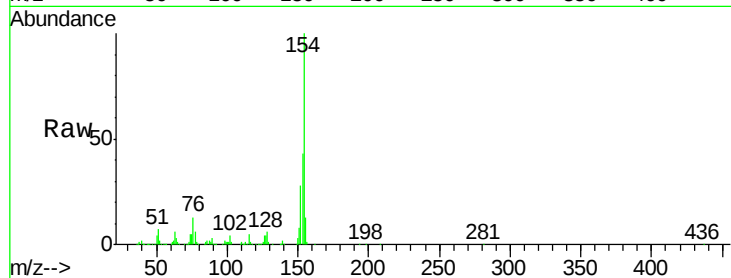




#45
 1,1'-Biphenyl
 Concen: 45.33 ng
 RT: 13.54 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

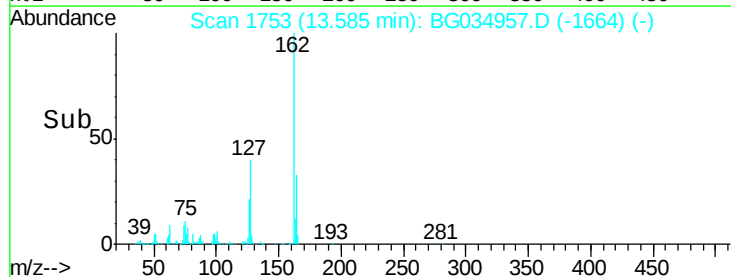
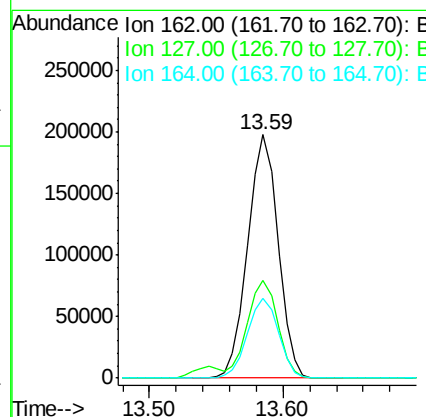
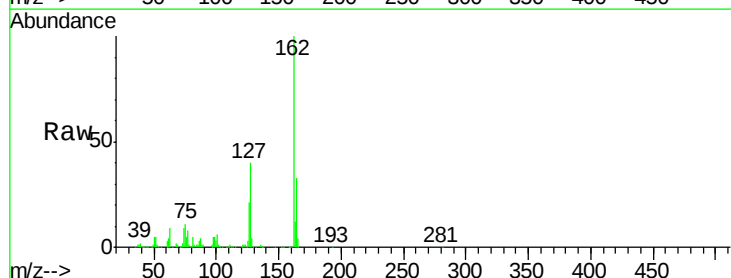
Instrument :
 BNA_G
 ClientSampleId :

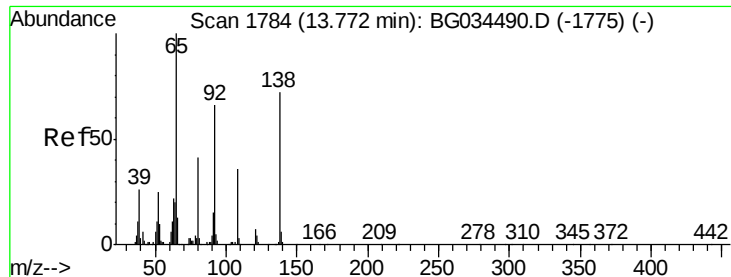
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	12.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 46.36 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 47.55 ng

RT: 13.78 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

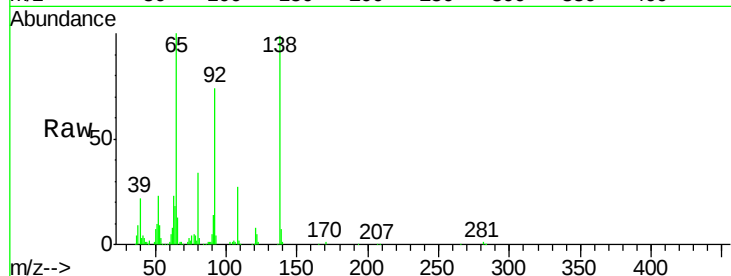
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 65 Resp: 93820

Ion	Ratio	Lower	Upper
65	100		
92	74.3	54.6	82.0
138	98.6	72.9	109.3

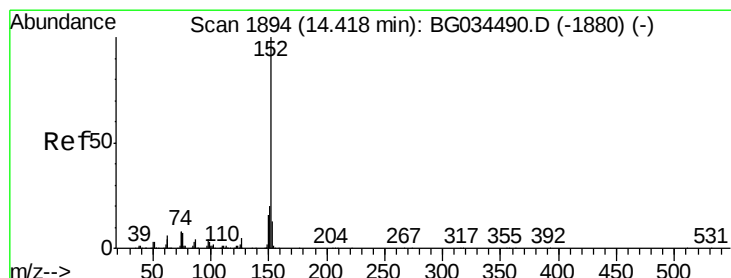
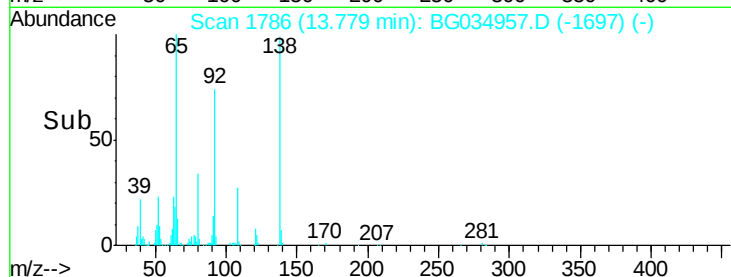
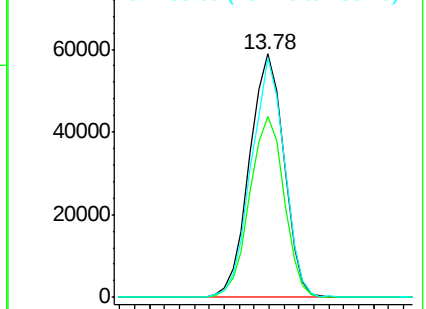


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 45.70 ng

RT: 14.43 min Scan# 1897

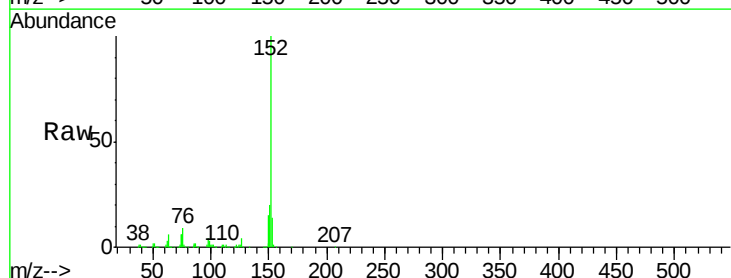
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion: 152 Resp: 512003

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	13.6	10.2	15.4

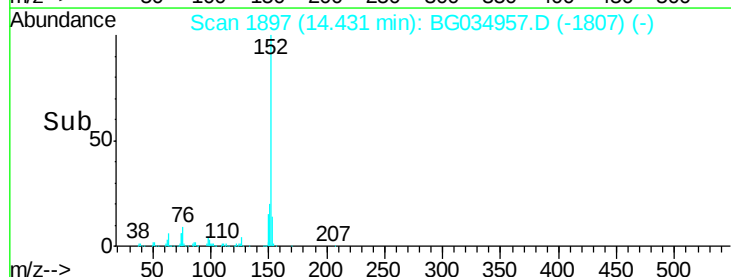
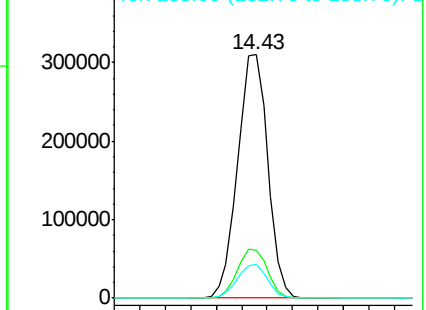


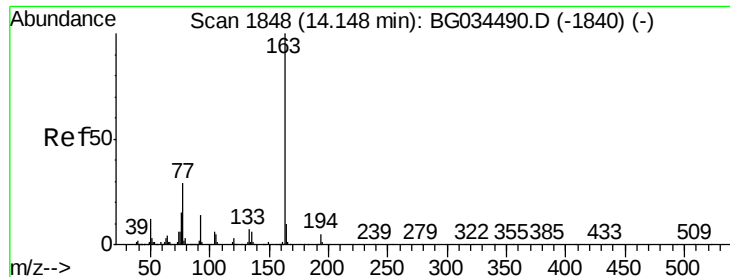
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 43.33 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

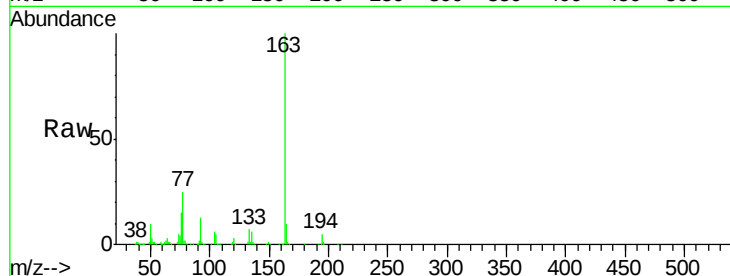
Tot Ion:163 Resp: 415336

Ion Ratio Lower Upper

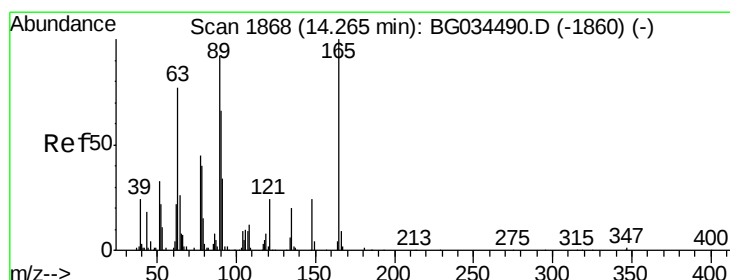
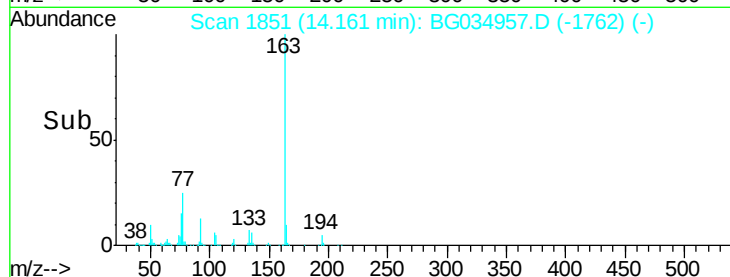
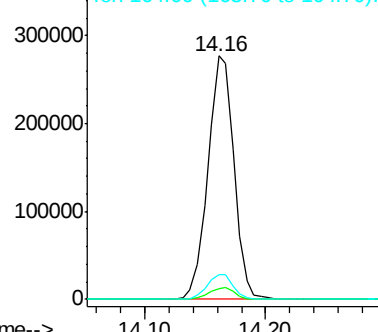
163 100

194 4.6 3.4 5.2

164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.06 ng

RT: 14.27 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

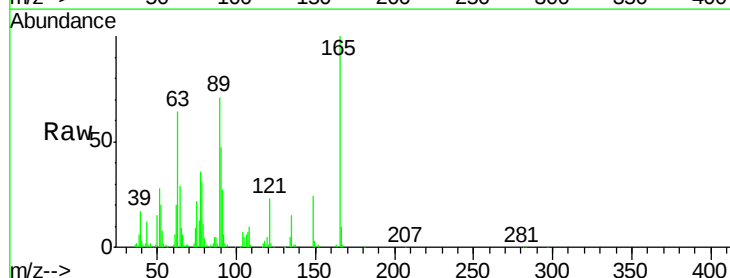
Tgt Ion:165 Resp: 89282

Ion Ratio Lower Upper

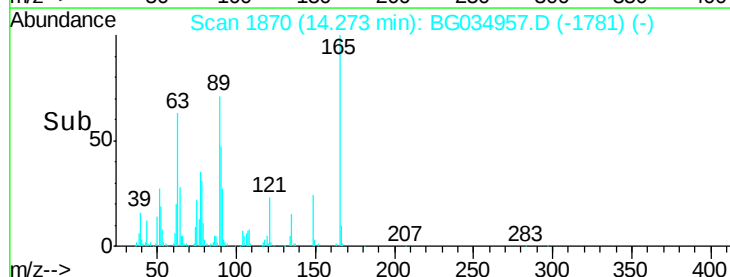
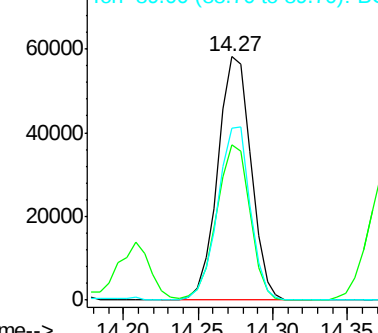
165 100

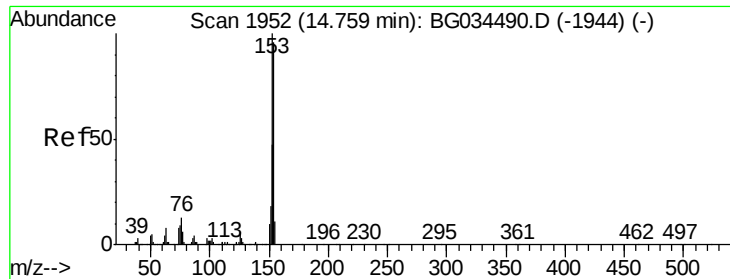
63 63.5 52.7 79.1

89 70.7 49.2 73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 44.26 ng

RT: 14.77 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampled :

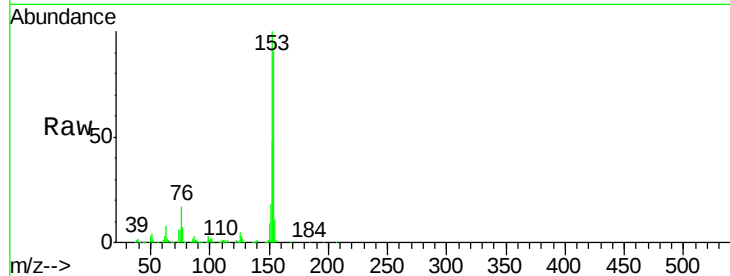
Tot Ion:154 Resp: 324038

Ion Ratio Lower Upper

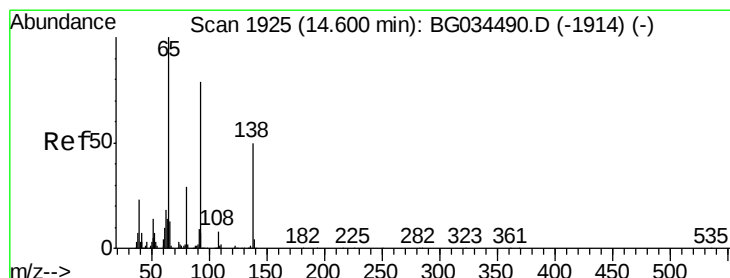
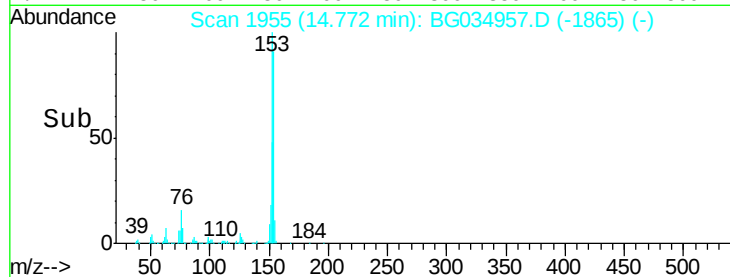
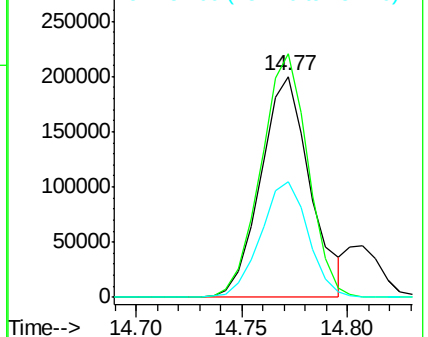
154 100

153 110.3 90.4 135.6

152 52.7 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: 6.60 ng

RT: 14.60 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

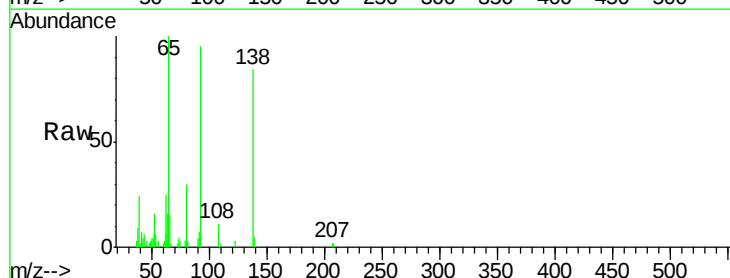
Tgt Ion:138 Resp: 11325

Ion Ratio Lower Upper

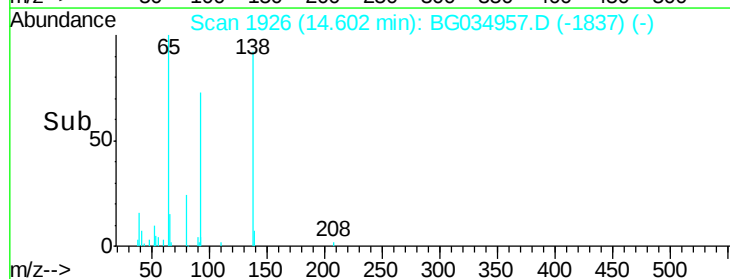
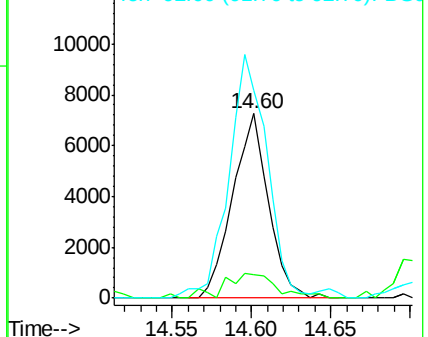
138 100

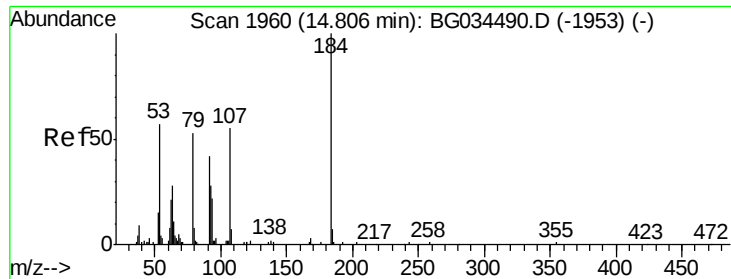
108 12.6 17.5 26.3#

92 112.9 105.8 158.8



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

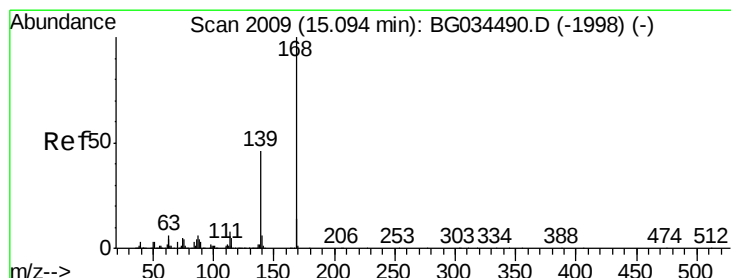
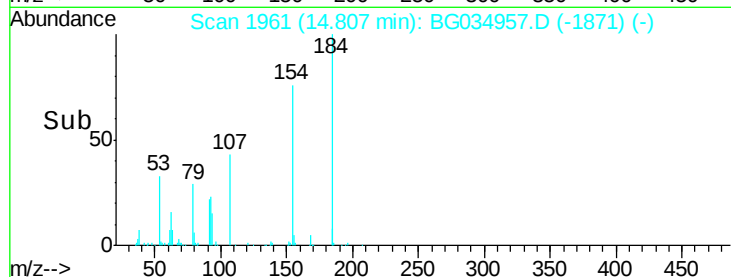
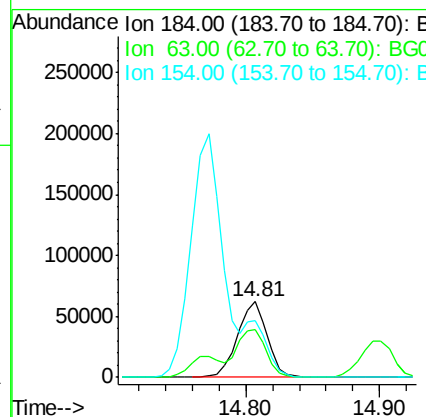
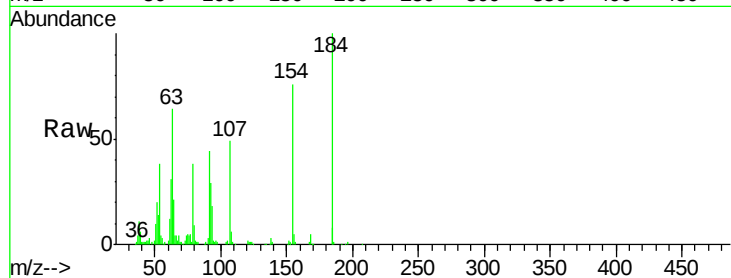




#53
2,4-Dinitrophenol
Concen: 134.12 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

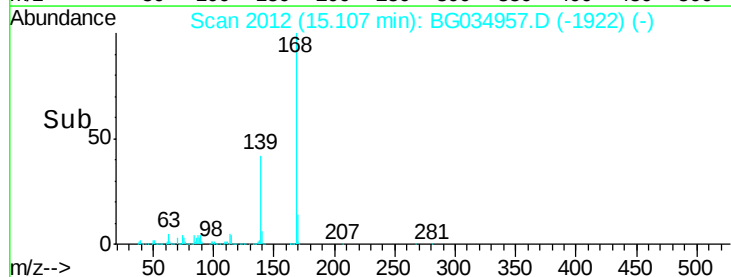
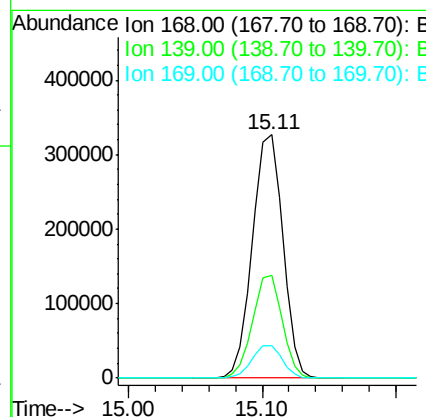
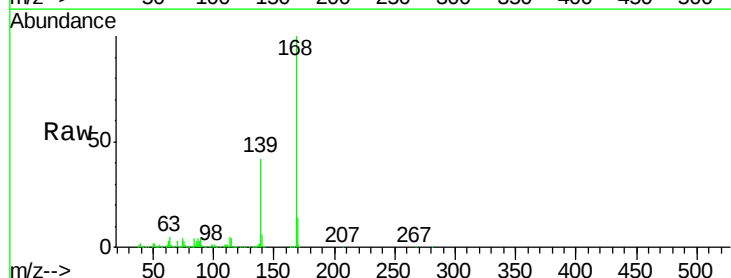
Instrument :
BNA_G
ClientSampleId :

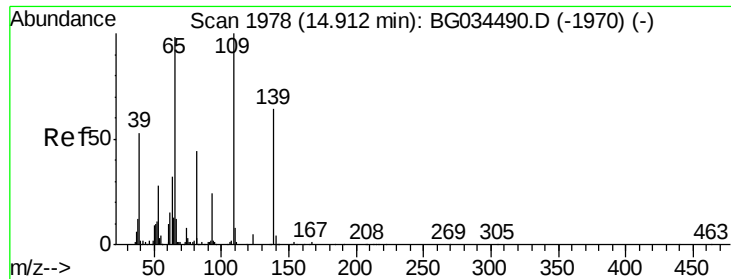
Tot Ion:184 Resp: 94910
Ion Ratio Lower Upper
184 100
63 63.7 59.8 89.8
154 75.6 101.8 152.8#



#54
Dibenzofuran
Concen: 46.75 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:168 Resp: 512574
Ion Ratio Lower Upper
168 100
139 42.4 28.6 43.0
169 13.5 11.2 16.8





#55

4-Nitrophenol

Concen: 91.67 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

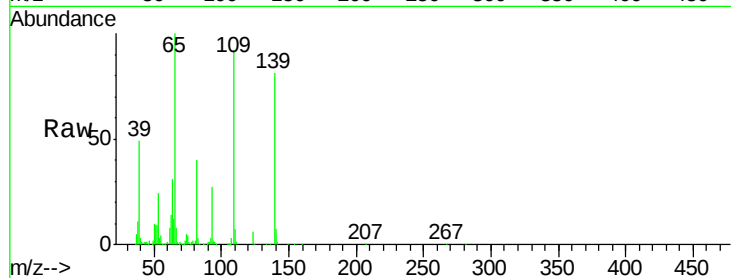
Tot Ion:139 Resp: 132740

Ion Ratio Lower Upper

139 100

109 114.4 62.2 102.2#

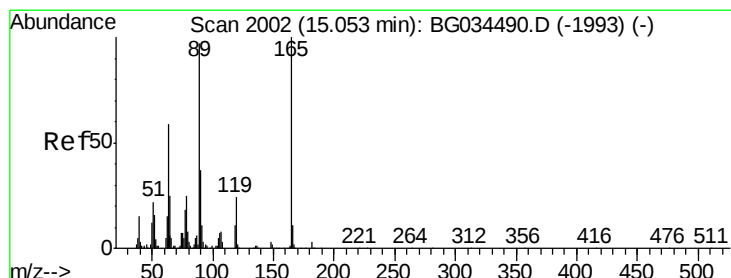
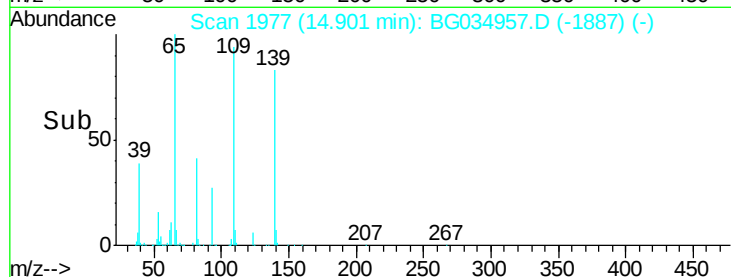
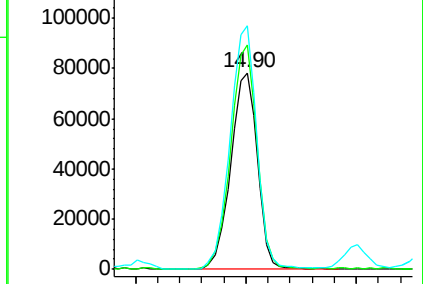
65 123.8 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 54.62 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:165 Resp: 126862

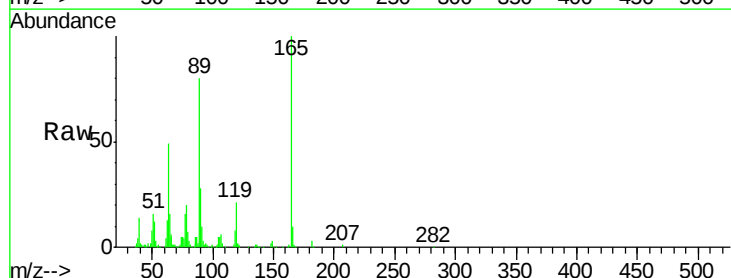
Ion Ratio Lower Upper

165 100

63 48.8 42.0 63.0

89 80.0 66.9 100.3

182 2.8 2.6 3.8

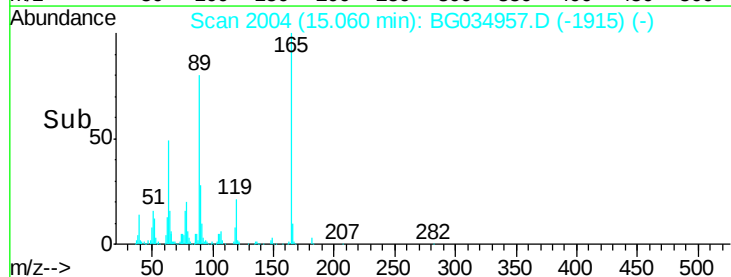
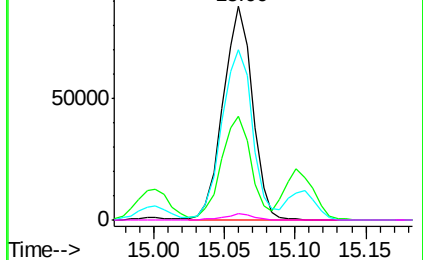


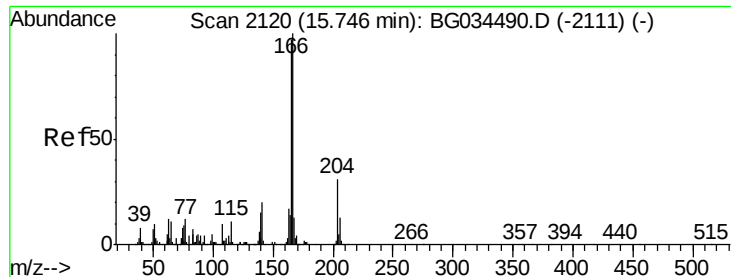
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.51 ng

RT: 15.75 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

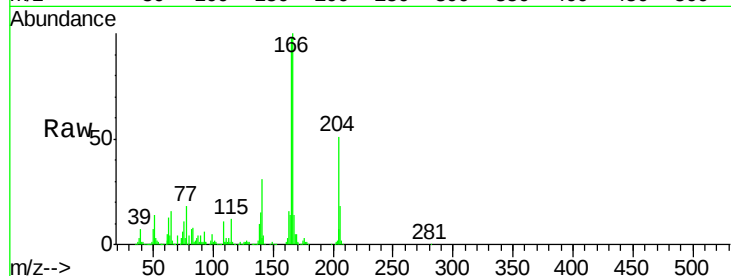
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 435317

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.6	121.0
167	14.0	10.4	15.6

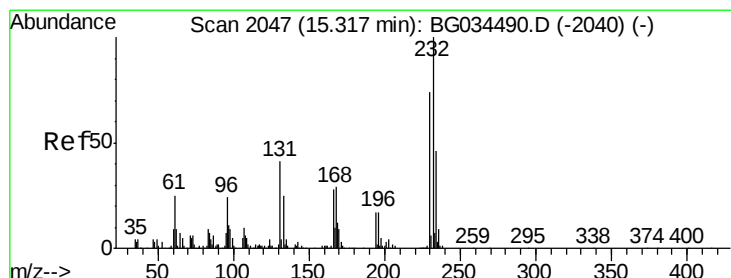
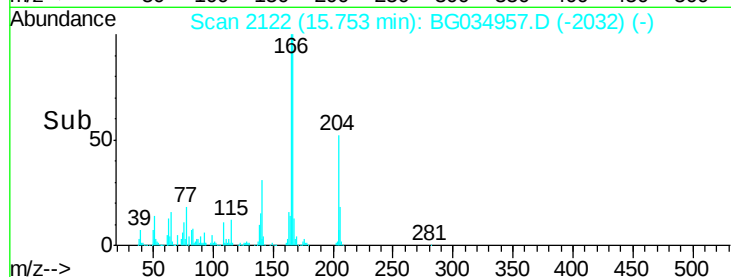
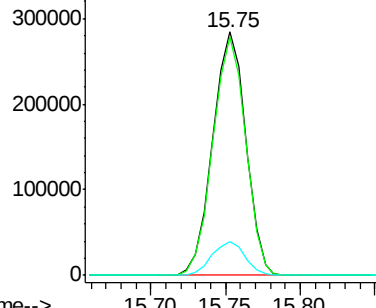


Abundance

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: 52.85 ng

RT: 15.32 min Scan# 2049

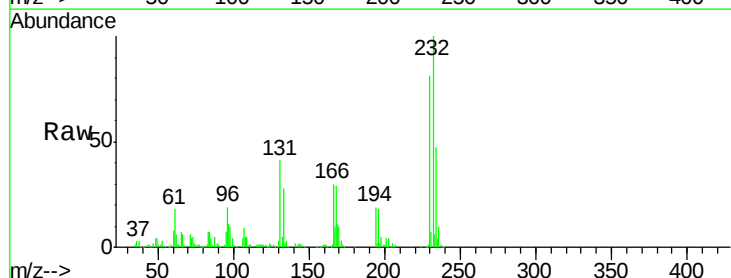
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:232 Resp: 138133

Ion	Ratio	Lower	Upper
232	100		
131	40.0	33.5	50.3
130	2.5	2.2	3.2
166	29.5	24.8	37.2



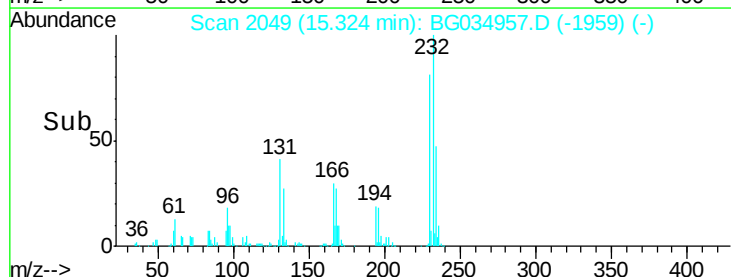
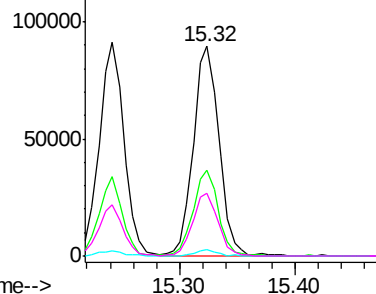
Abundance

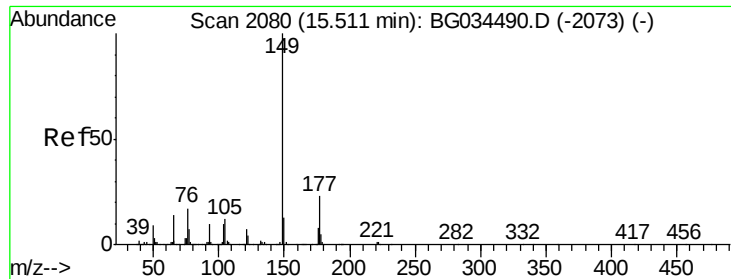
Ion 232.00 (231.70 to 232.70): E

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

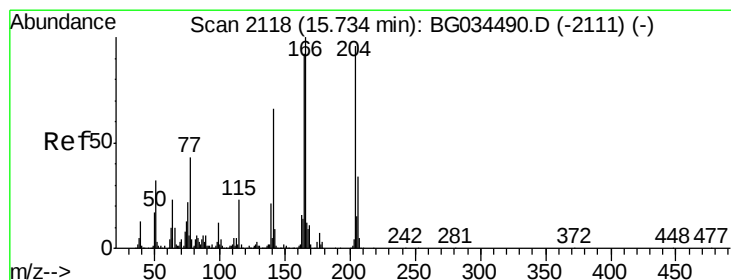
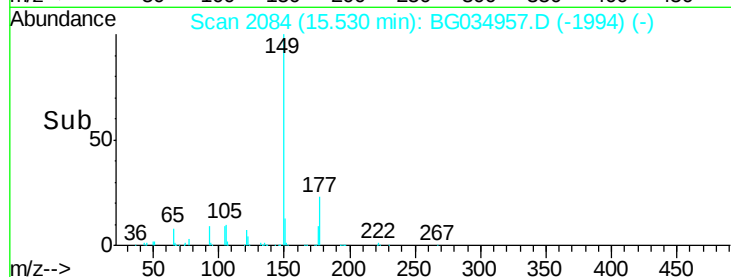
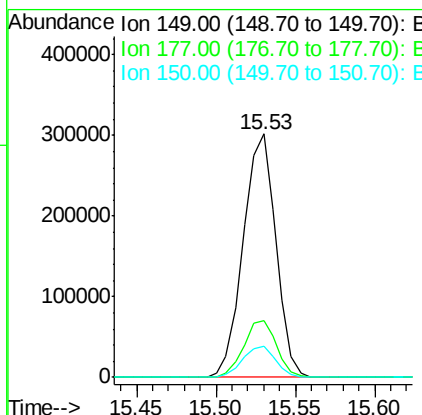
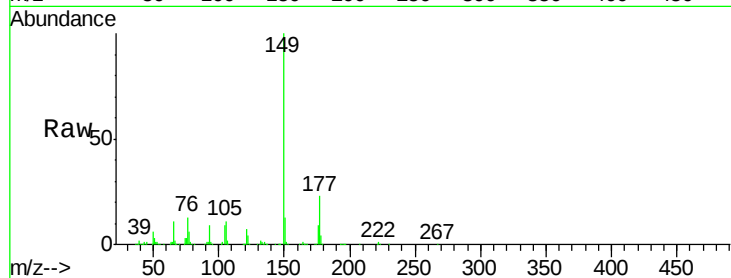




#59
Diethylphthalate
Concen: 43.98 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

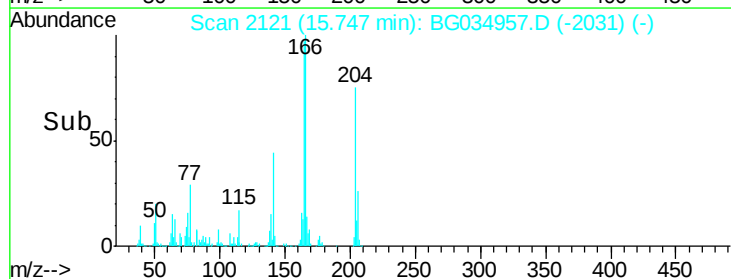
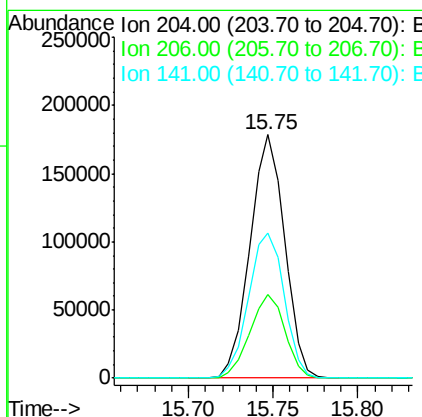
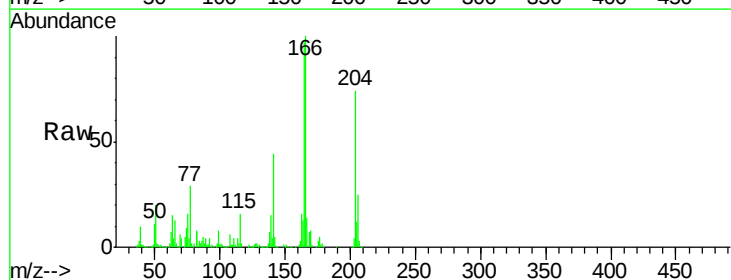
Instrument :
BNA_G
ClientSampleId :

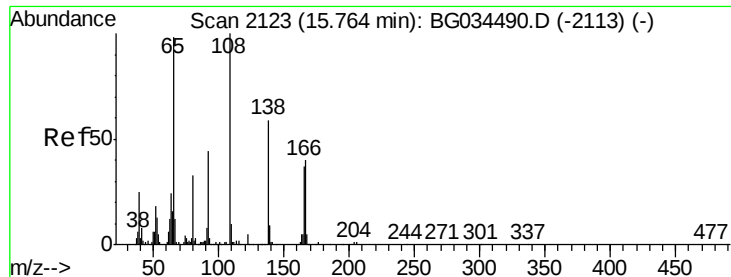
Tot Ion:149 Resp: 430074
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.76 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:204 Resp: 254774
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.2
141 59.3 45.8 68.6





#61

4-Nitroaniline

Concen: 38.98 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

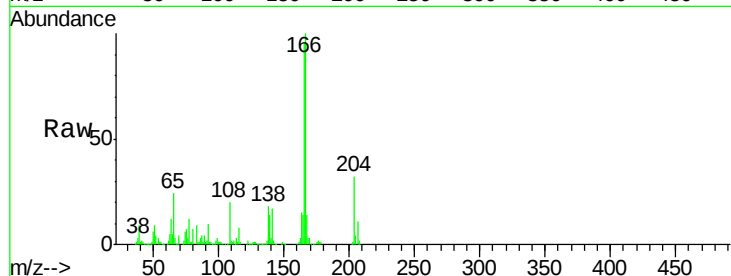
Tot Ion:138 Resp: 71723

Ion Ratio Lower Upper

138 100

92 59.2 40.1 80.1

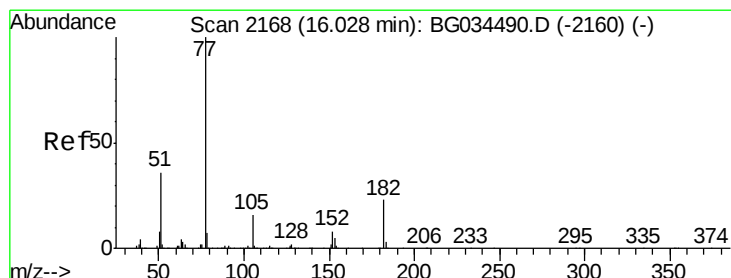
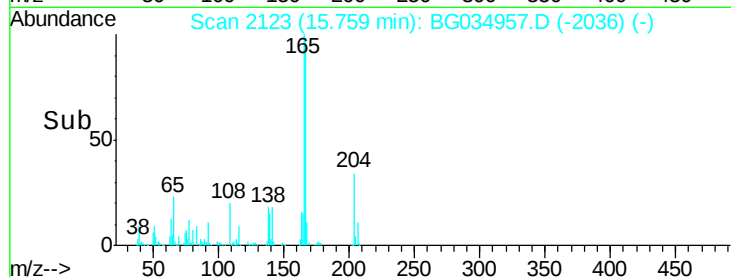
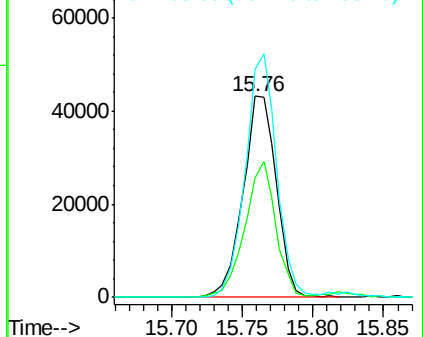
108 113.5 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.51 ng

RT: 16.04 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion: 77 Resp: 464798

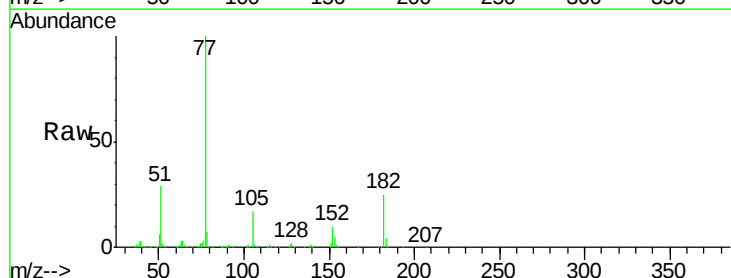
Ion Ratio Lower Upper

77 100

182 25.3 7.4 47.4

105 17.4 0.3 40.3

51 28.7 11.6 51.6

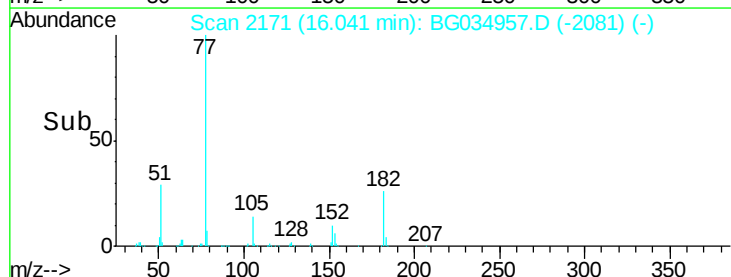
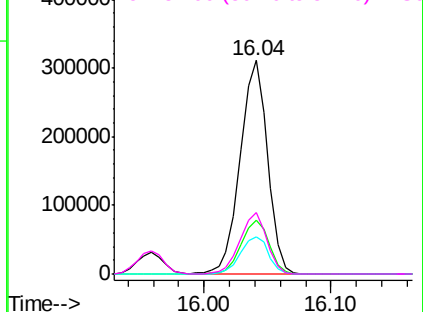


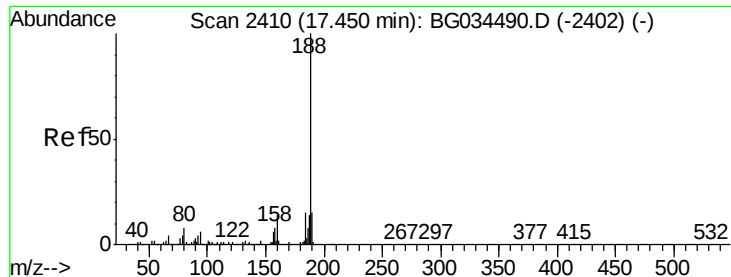
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.45 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampled :

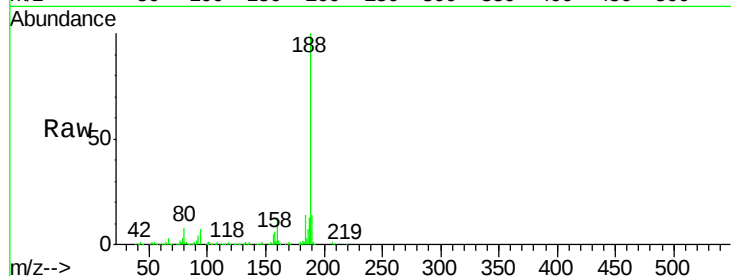
Tot Ion:188 Resp: 279871

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

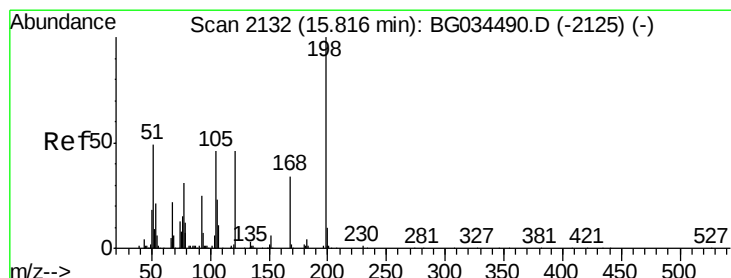
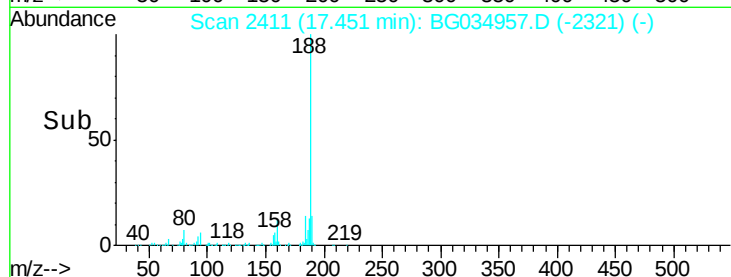
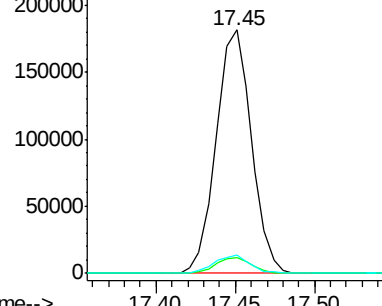
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 56.62 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

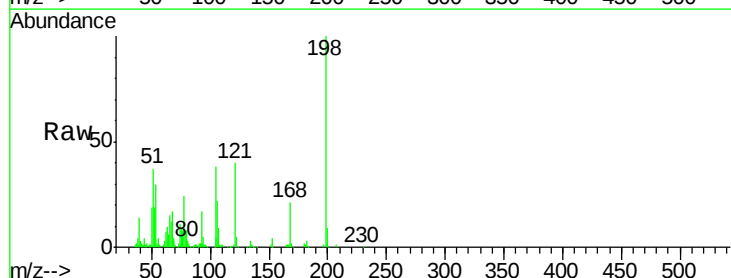
Tgt Ion:198 Resp: 72353

Ion Ratio Lower Upper

198 100

51 37.2 30.6 70.6

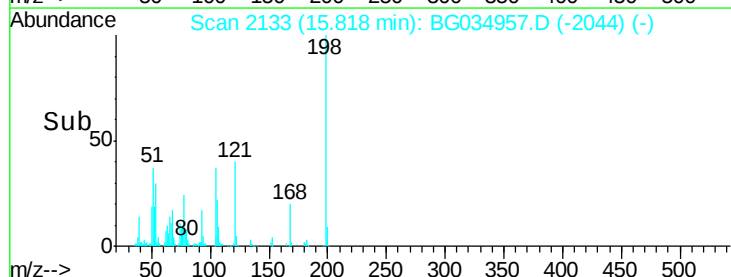
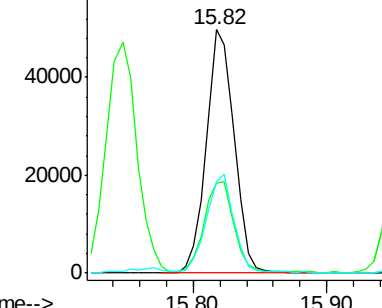
105 37.7 23.8 63.8

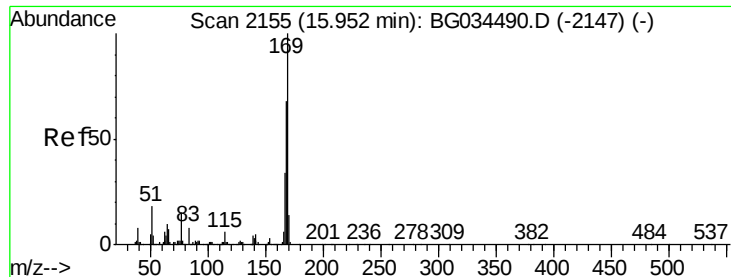


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.49 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

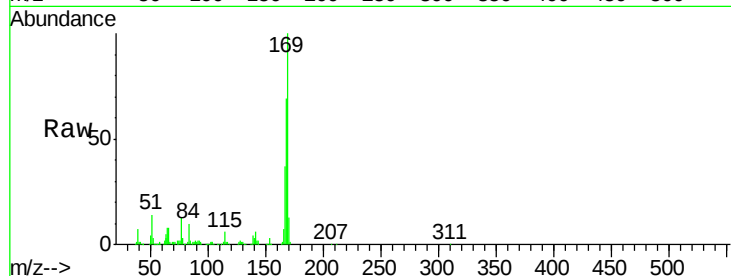
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 357090

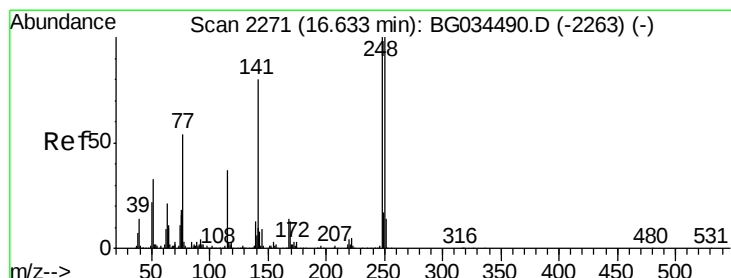
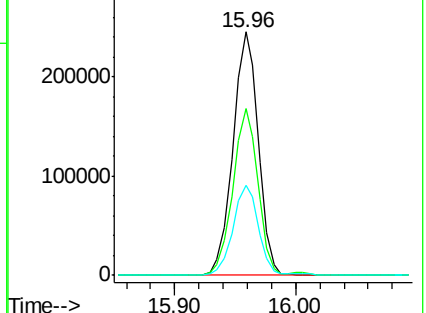
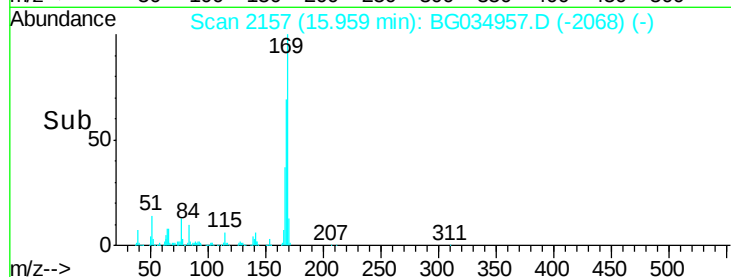
Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.7	83.5
167	37.2	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 55.23 ng

RT: 16.64 min Scan# 2273

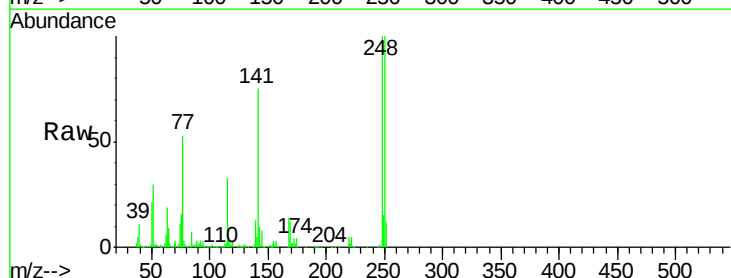
Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:248 Resp: 186154

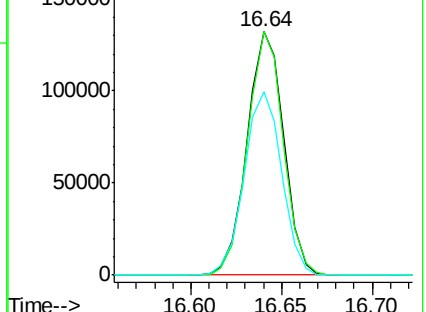
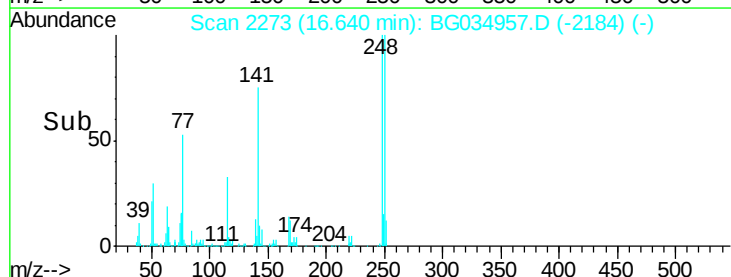
Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.1	115.7
141	75.5	50.8	76.2

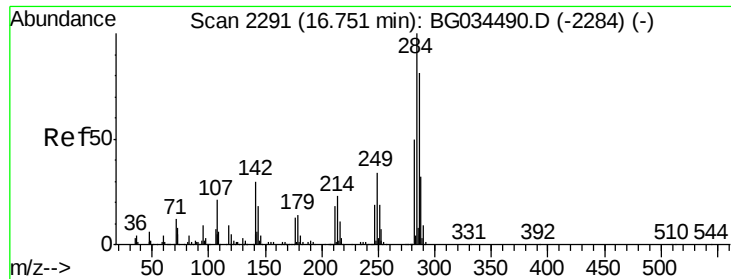


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

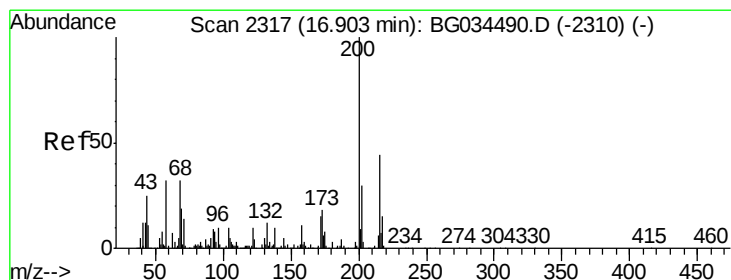
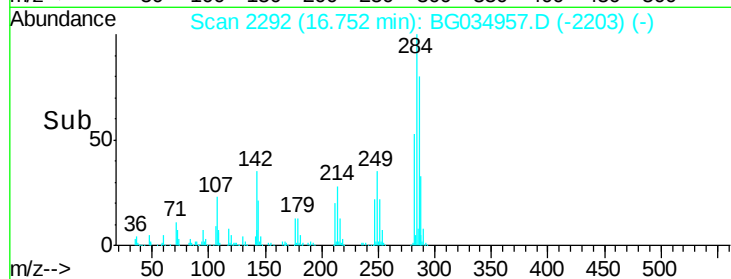
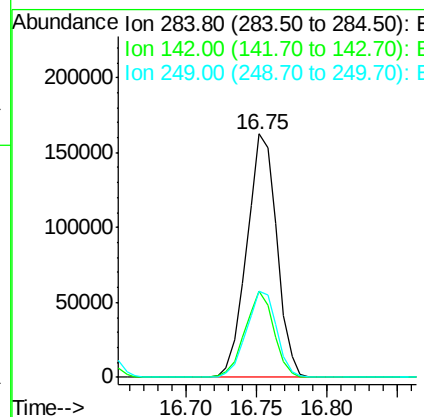
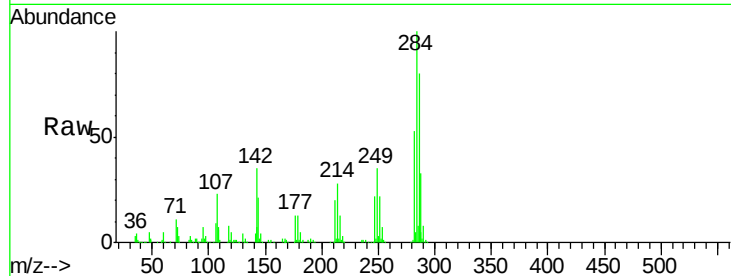




#67
Hexachlorobenzene
Concen: 70.67 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

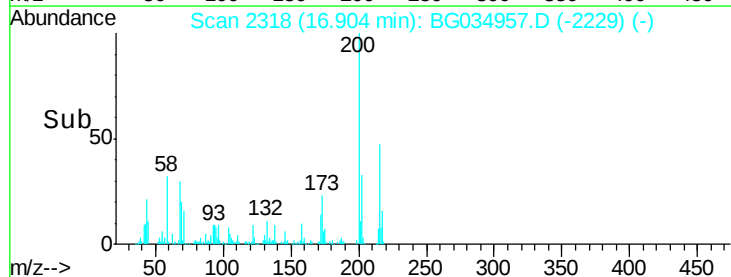
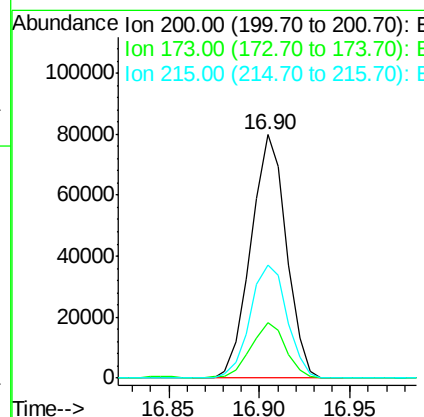
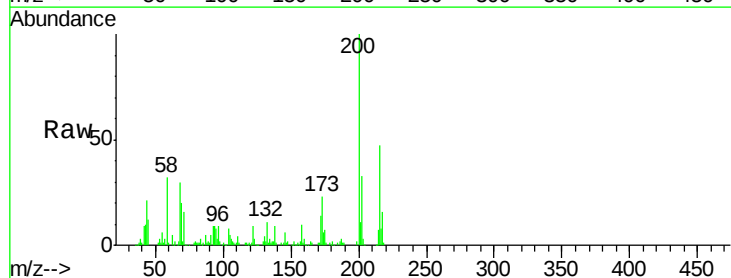
Instrument :
BNA_G
ClientSampleId :

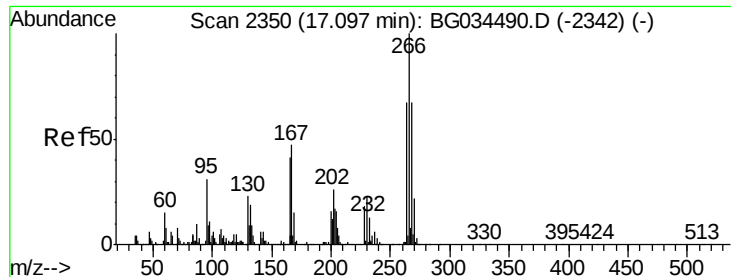
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.1	26.8	40.2
249	35.2	26.3	39.5



#68
Atrazine
Concen: 30.25 ng
RT: 16.90 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	5.2	45.2
215	46.5	30.4	70.4

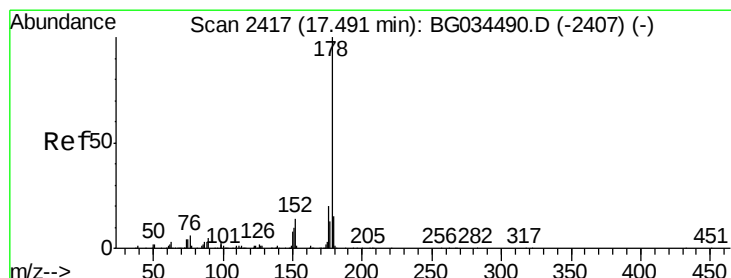
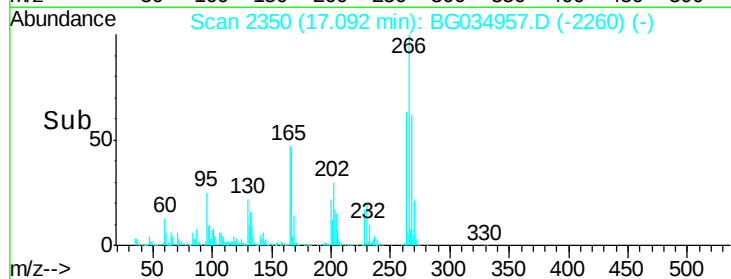
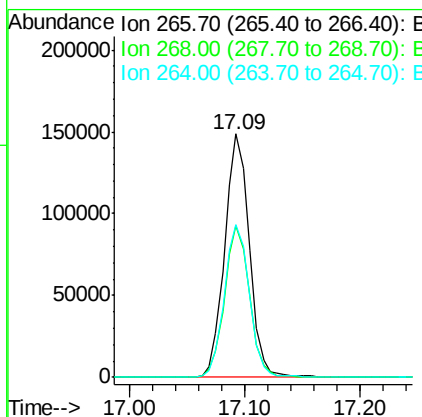
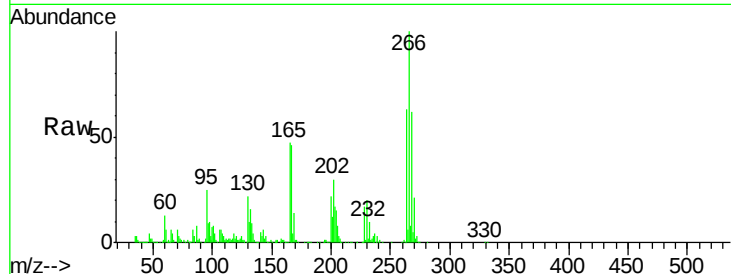




#69
 Pentachlorophenol
 Concen: 95.37 ng
 RT: 17.09 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

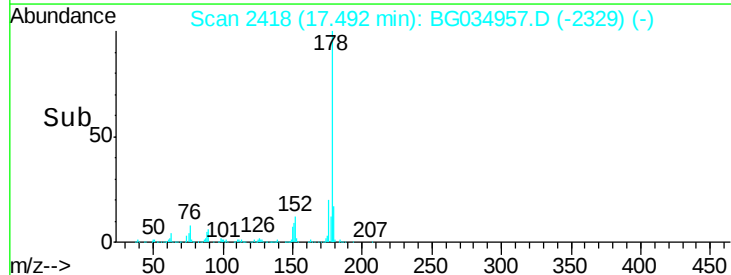
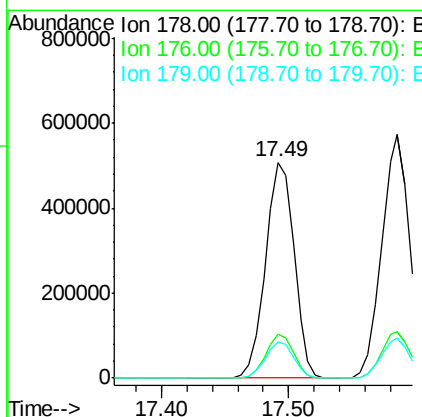
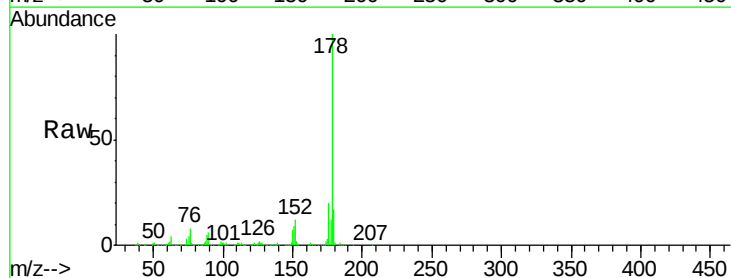
Instrument :
 BNA_G
 ClientSampleId :

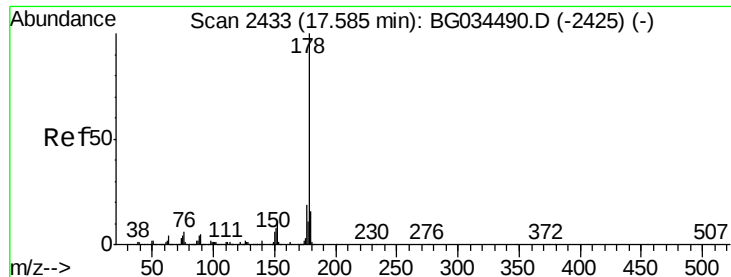
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.1	76.7
264	62.7	49.6	74.4



#70
 Phenanthrene
 Concen: 56.13 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.6	12.5	18.7





#71

Anthracene

Concen: 61.39 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

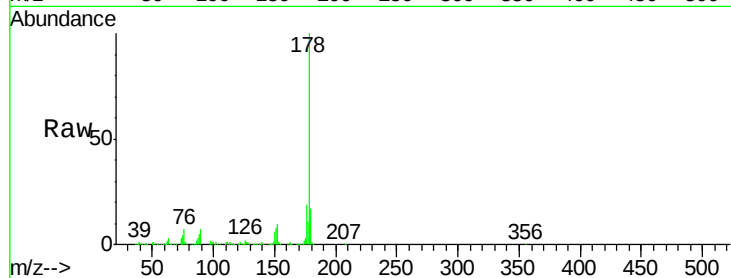
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 874243

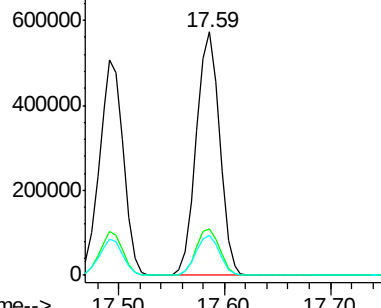
Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.6	12.5	18.7



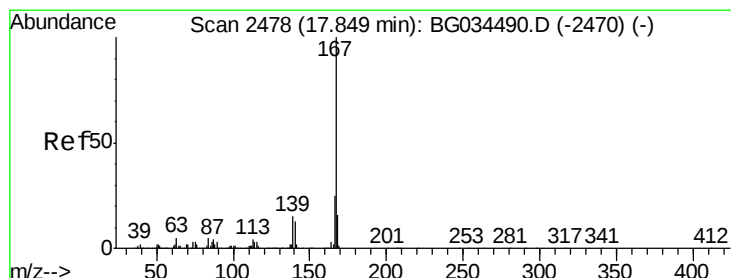
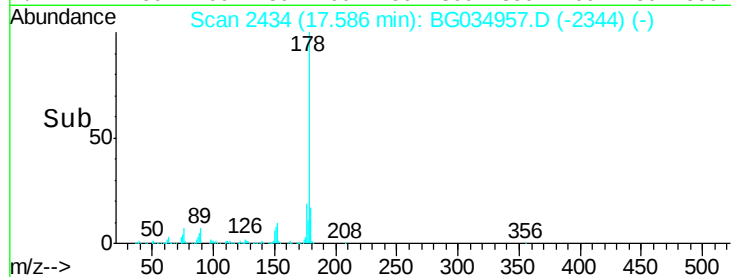
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 47.87 ng

RT: 17.85 min Scan# 2479

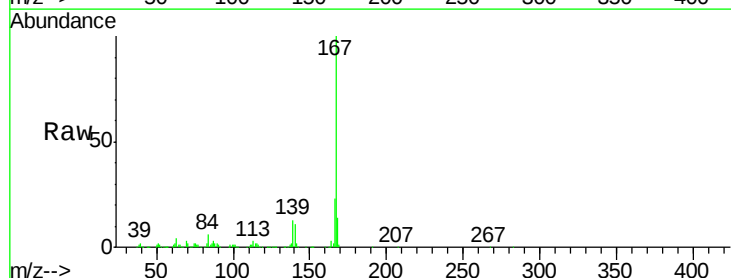
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:167 Resp: 632524

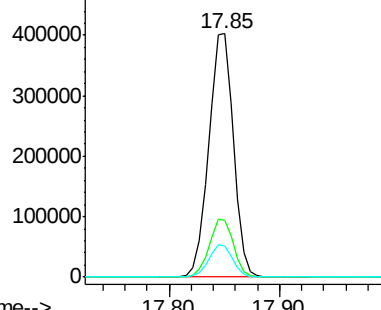
Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.0	9.4	14.2



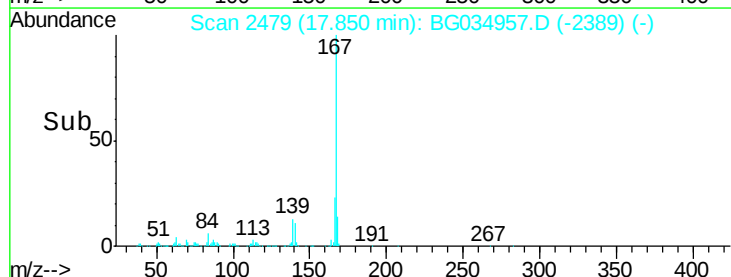
Abundance Ion 167.00 (166.70 to 167.70): E

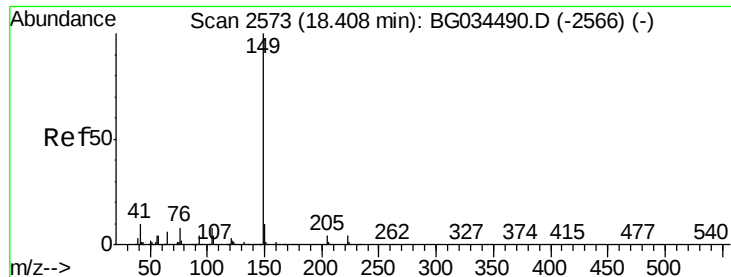
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 54.31 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

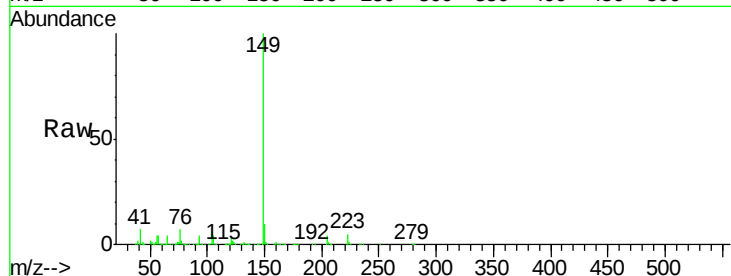
Tot Ion:149 Resp: 855298

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

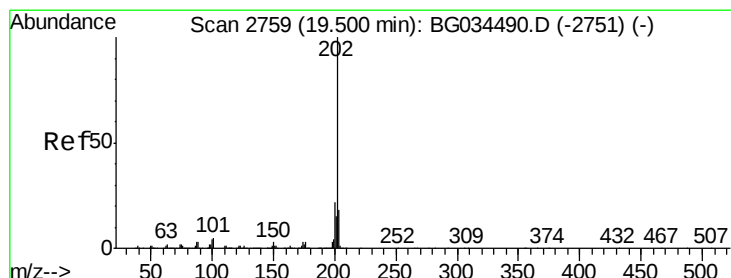
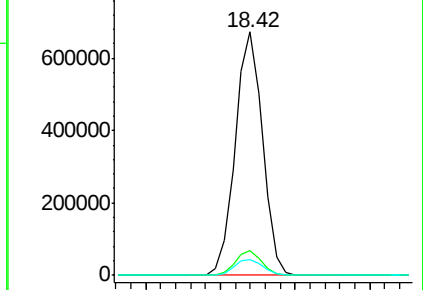
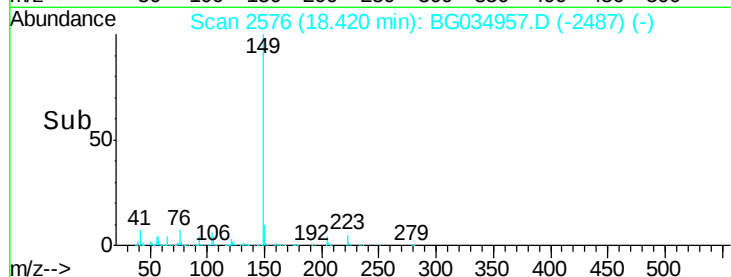
104 6.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 64.57 ng

RT: 19.49 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

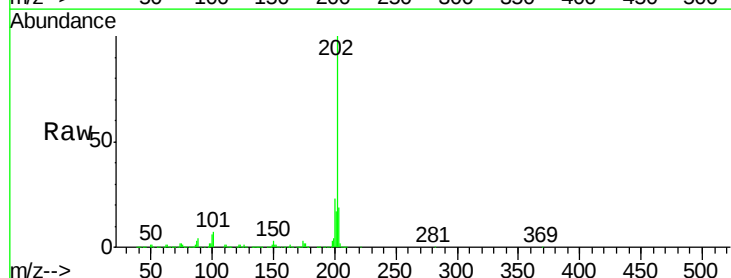
Tgt Ion:202 Resp: 1194517

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

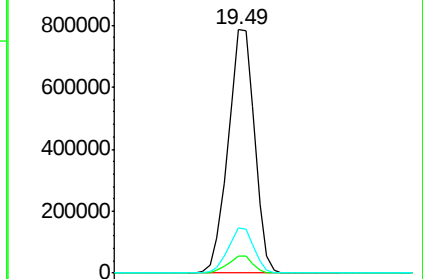
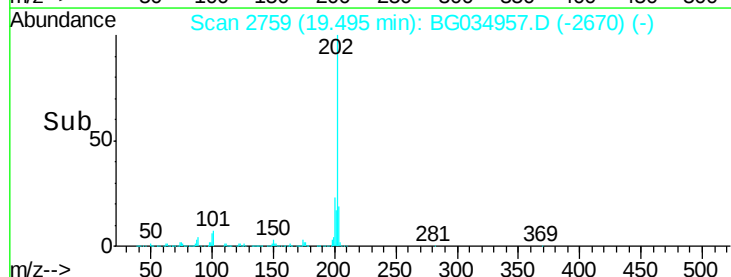
203 18.7 0.0 37.5

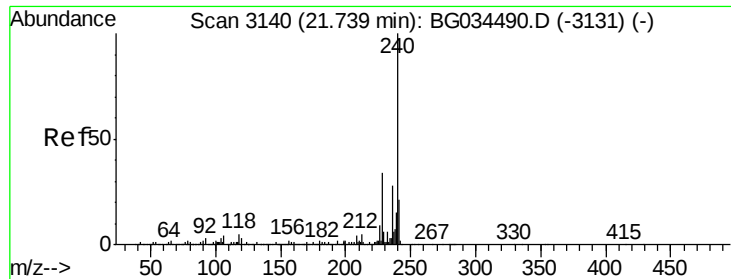


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

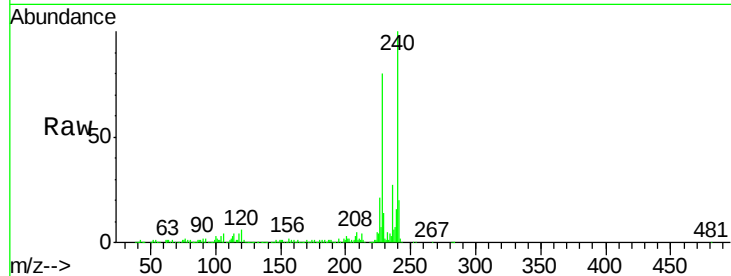
Tot Ion:240 Resp: 286505

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

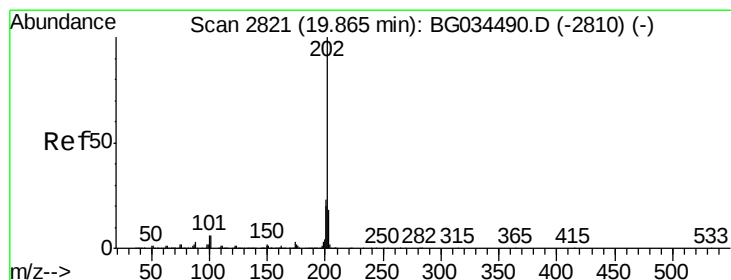
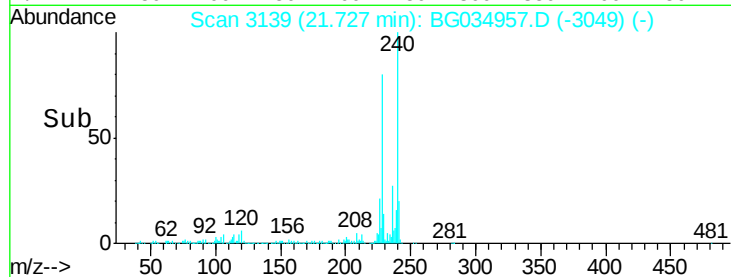
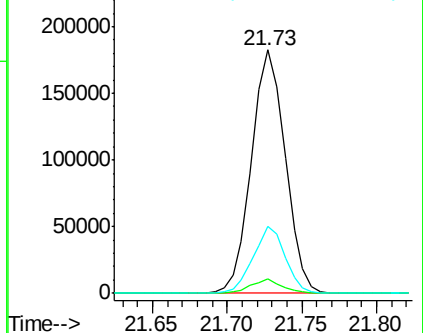
236 27.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 62.97 ng

RT: 19.86 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

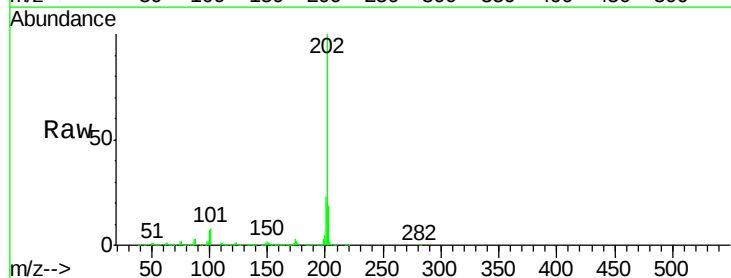
Tgt Ion:202 Resp: 1189331

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

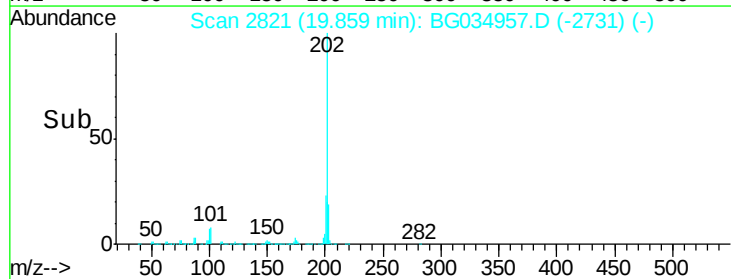
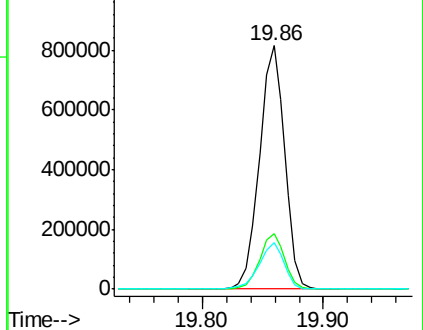
203 19.2 13.9 20.9

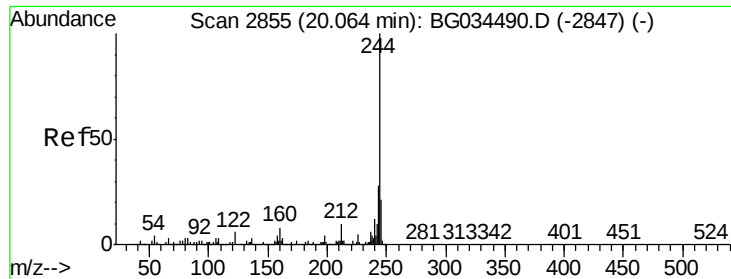


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.65 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

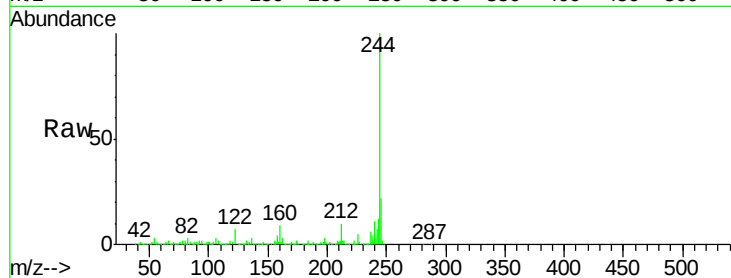
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1308252

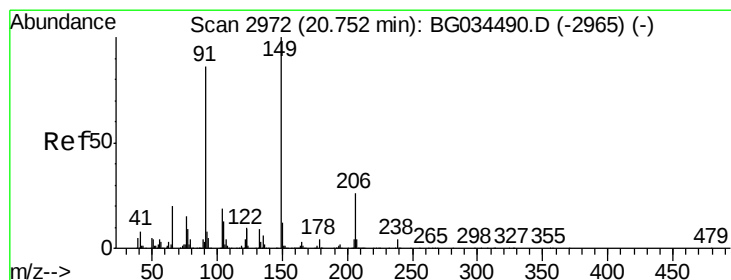
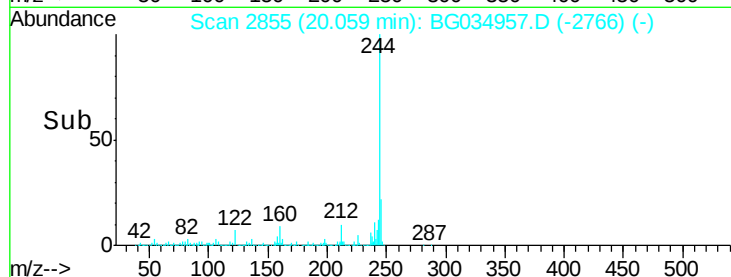
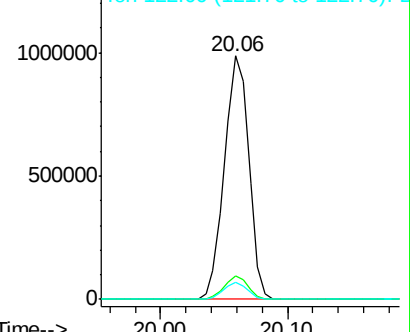
Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.2	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 63.86 ng

RT: 20.75 min Scan# 2973

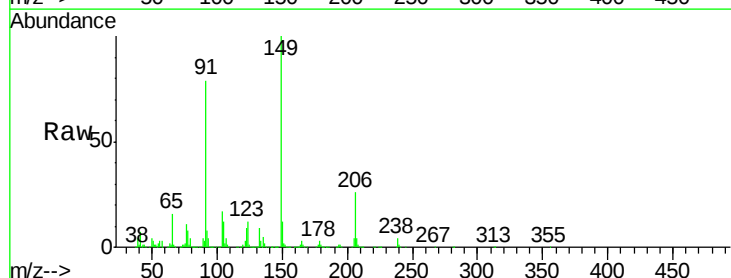
Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:149 Resp: 437965

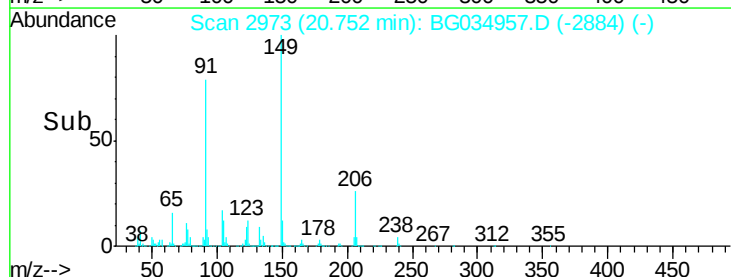
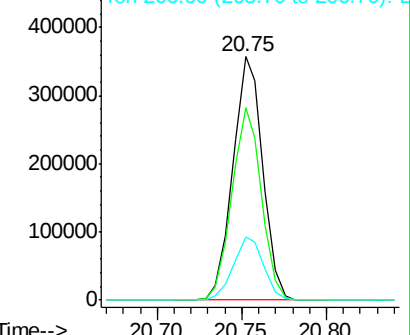
Ion	Ratio	Lower	Upper
149	100		
91	79.2	62.2	93.2
206	25.9	18.6	27.8

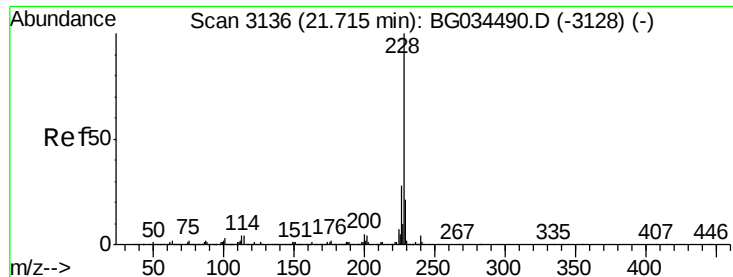


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

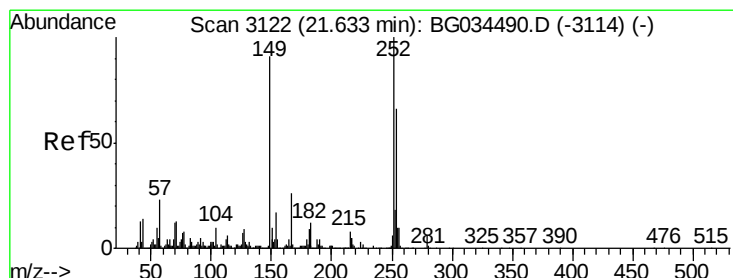
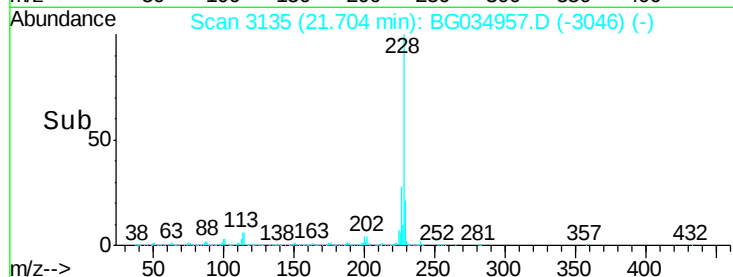
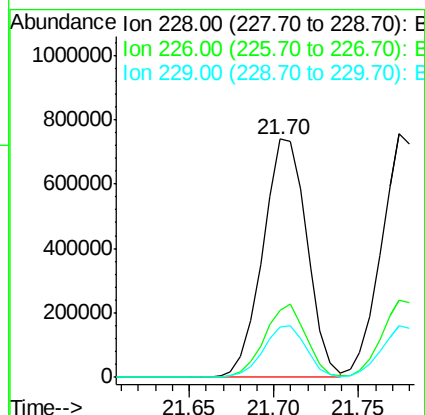
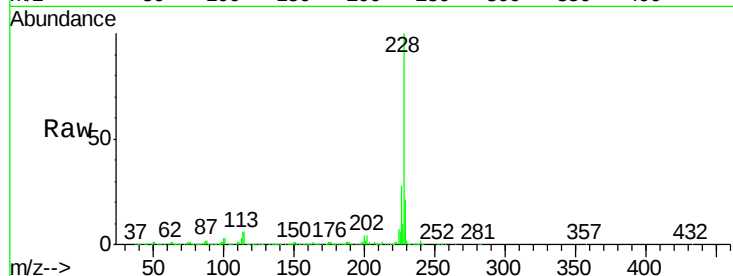




#80
Benzo(a)anthracene
Concen: 72.82 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

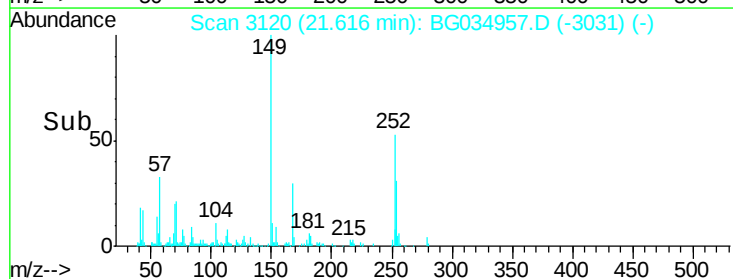
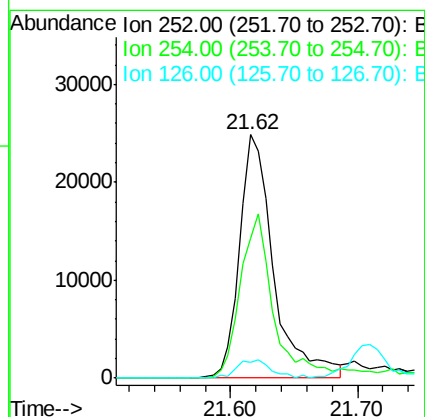
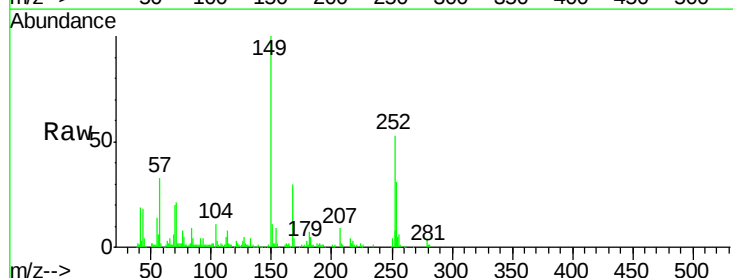
Instrument :
BNA_G
ClientSampleId :

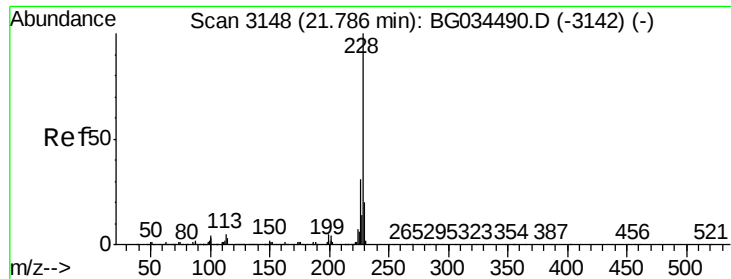
Tot Ion:228 Resp: 1333242
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 21.2 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 6.77 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:252 Resp: 46619
Ion Ratio Lower Upper
252 100
254 57.6 50.8 76.2
126 6.5 7.4 11.2#





#82

Chrysene

Concen: 76.13 ng

RT: 21.77 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

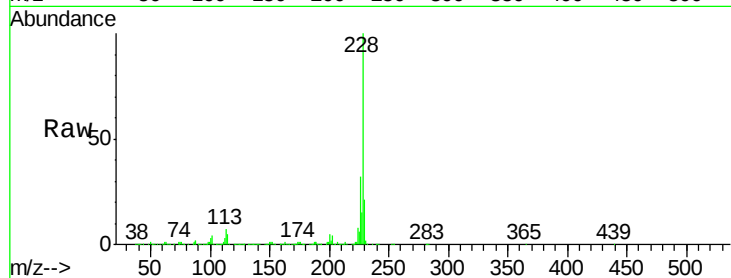
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1276203

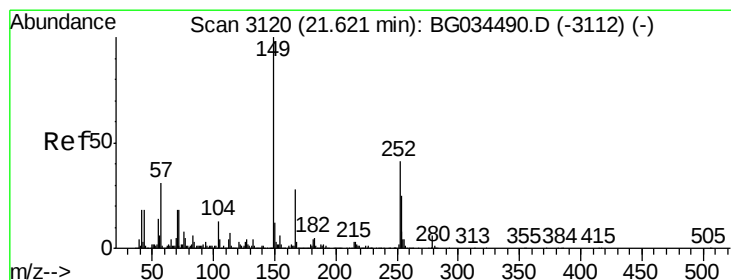
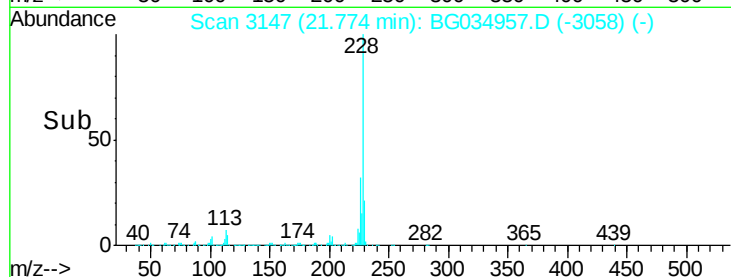
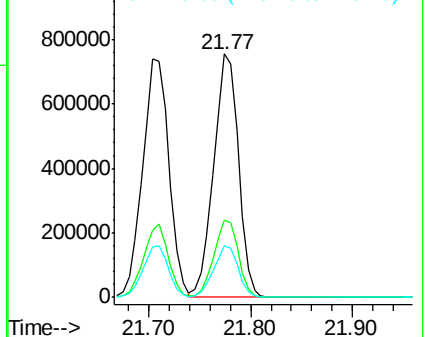
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.2	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 73.33 ng

RT: 21.63 min Scan# 3123

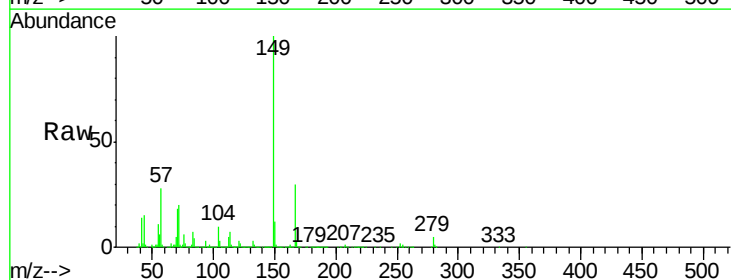
Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:149 Resp: 710689

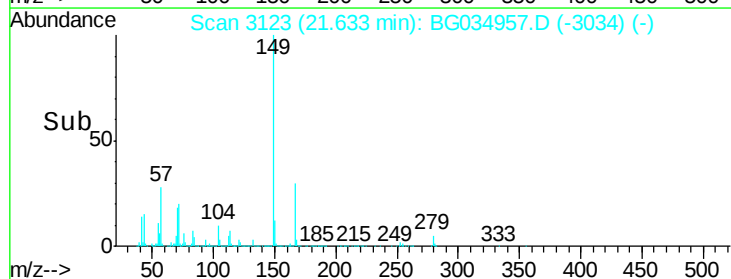
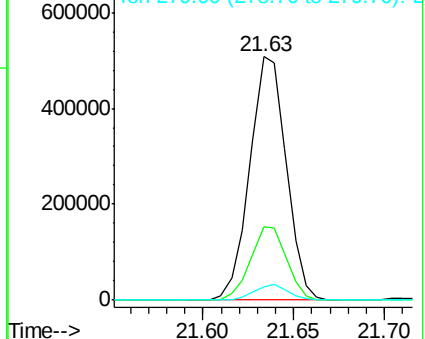
Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.4	4.0	6.0

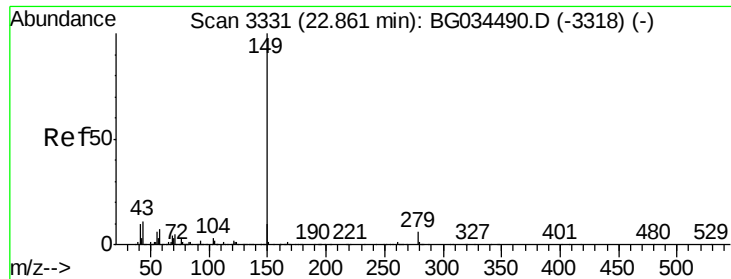


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 74.60 ng

RT: 22.88 min Scan# 3335

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

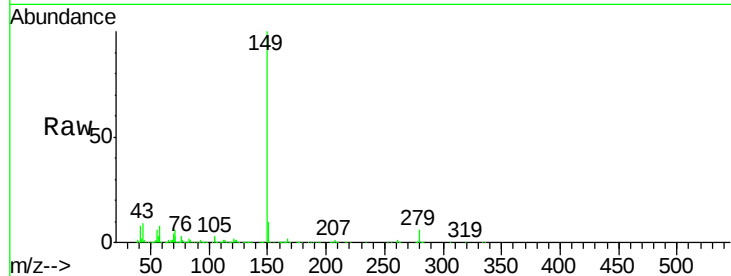
Tot Ion:149 Resp: 1240225

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

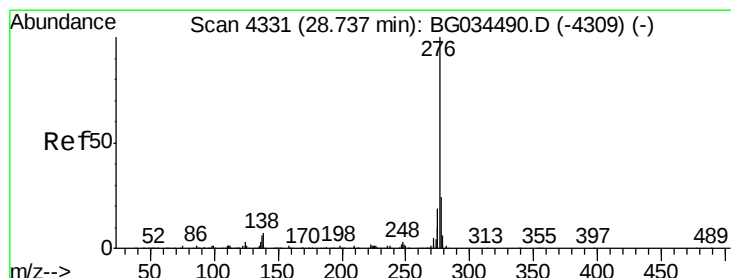
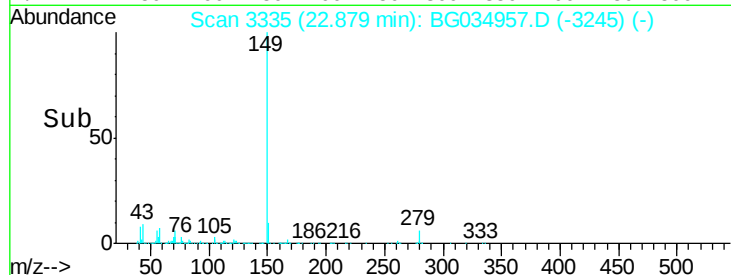
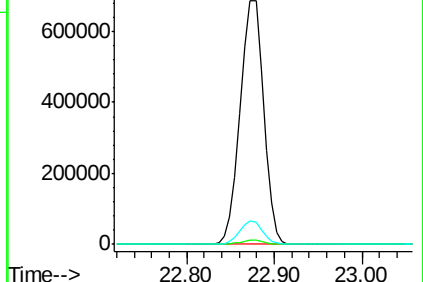
43 9.1 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 77.82 ng

RT: 28.70 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

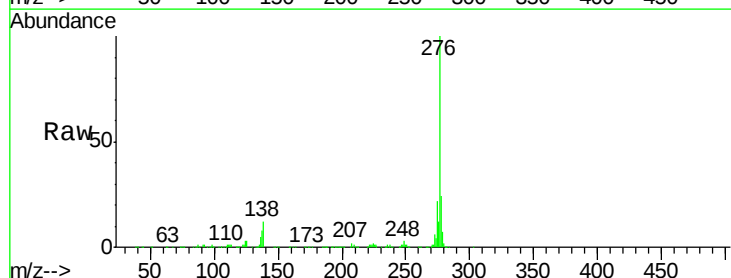
Tgt Ion:276 Resp: 1527710

Ion Ratio Lower Upper

276 100

138 10.0 16.0 24.0#

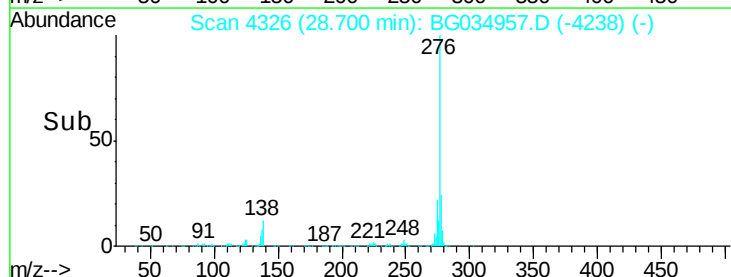
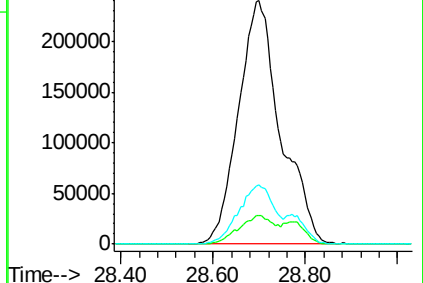
277 20.6 20.0 30.0

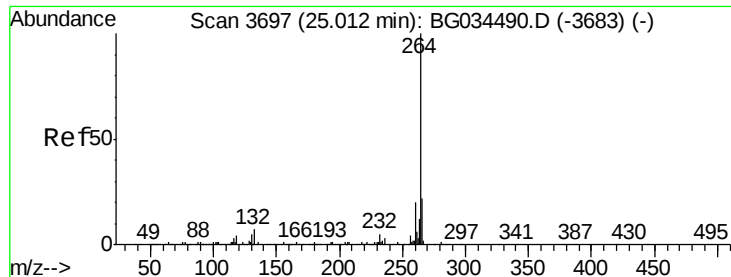


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 24.97 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampled :

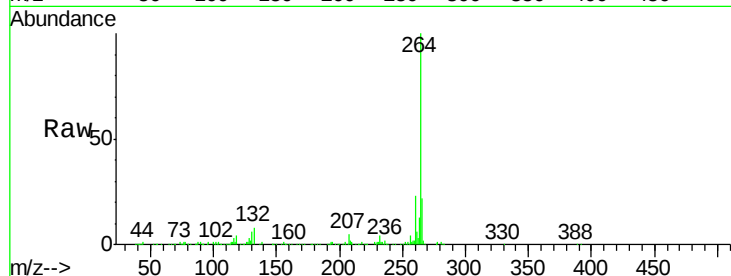
Tot Ion:264 Resp: 276636

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

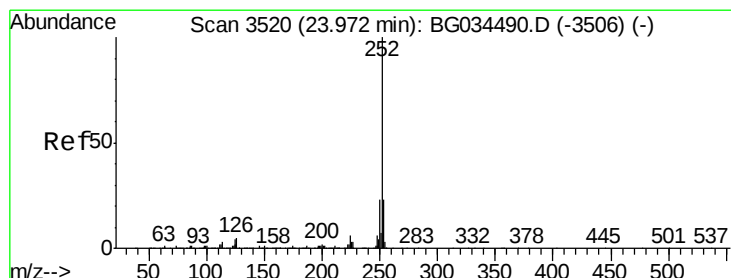
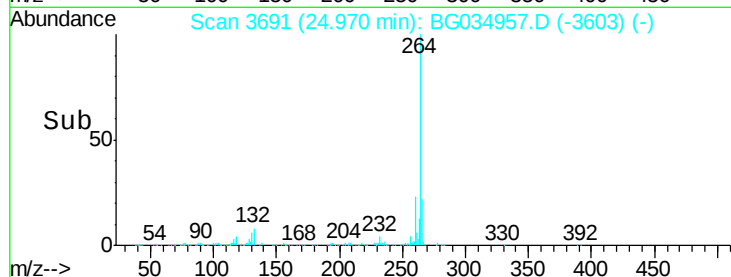
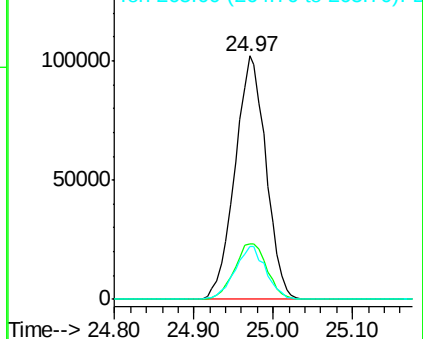
265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 80.00 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

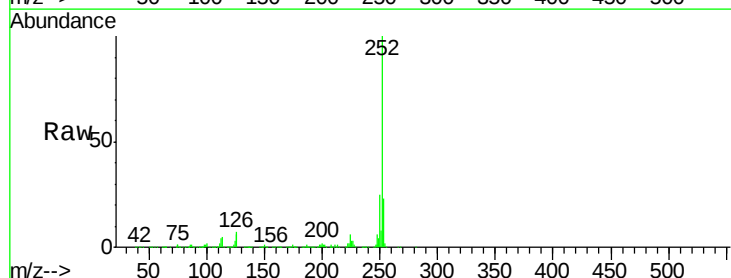
Tgt Ion:252 Resp: 1362920

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

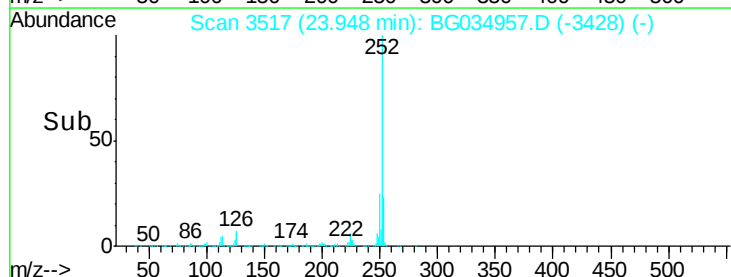
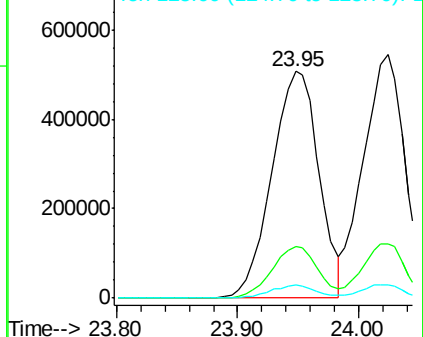
125 5.9 7.2 10.8#

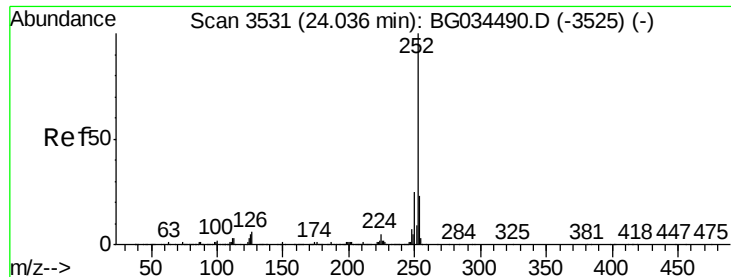


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 77.68 ng

RT: 24.02 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

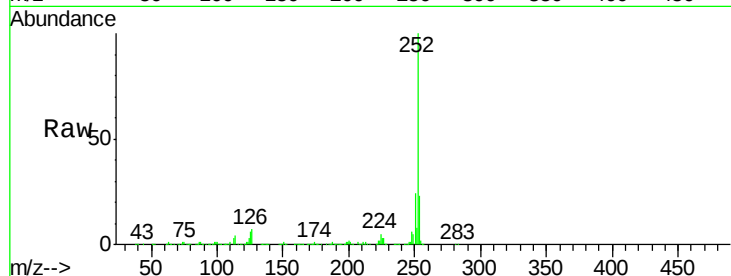
Tot Ion:252 Resp: 1294595

Ion Ratio Lower Upper

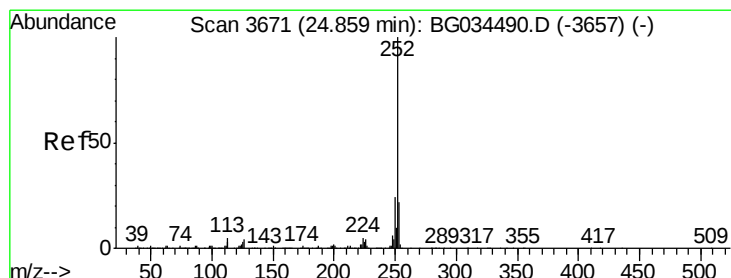
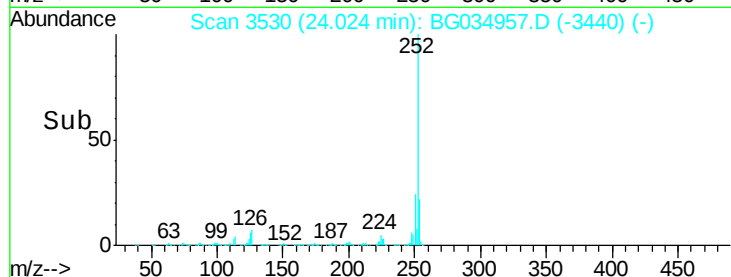
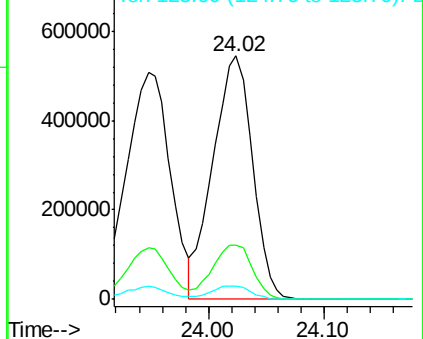
252 100

253 22.5 17.4 26.2

125 5.5 6.6 9.8#



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



#89

Benzo(a)pyrene

Concen: 76.68 ng

RT: 24.83 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

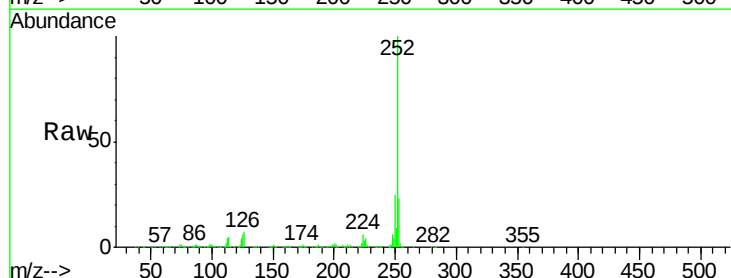
Tgt Ion:252 Resp: 1229184

Ion Ratio Lower Upper

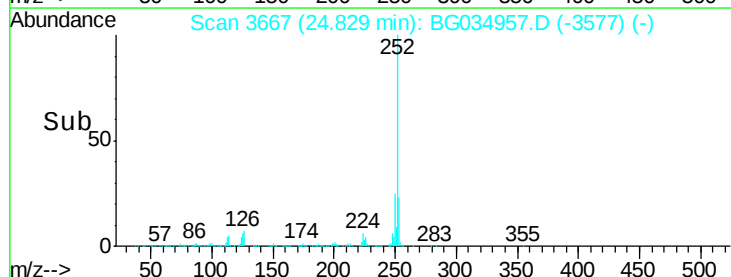
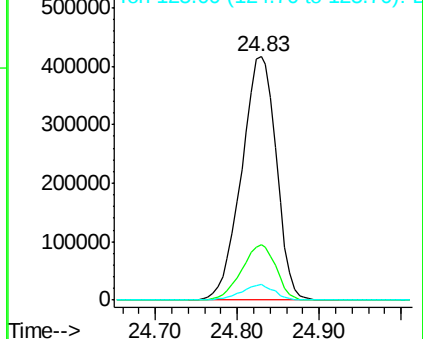
252 100

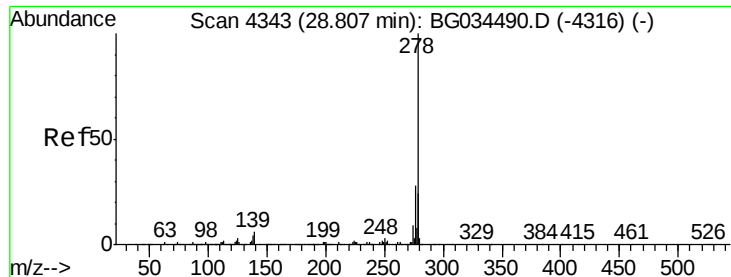
253 22.6 18.3 27.5

125 6.4 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: 79.91 ng

RT: 28.78 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

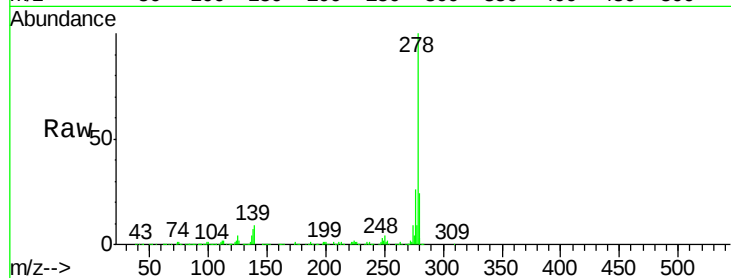
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1264485

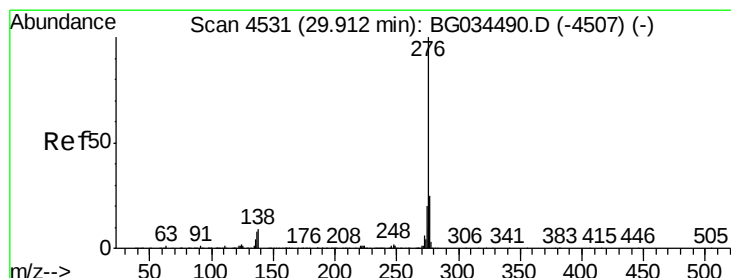
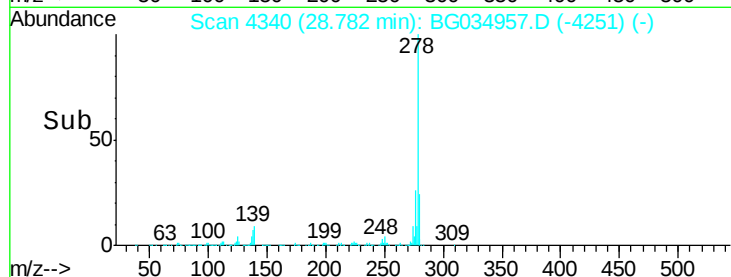
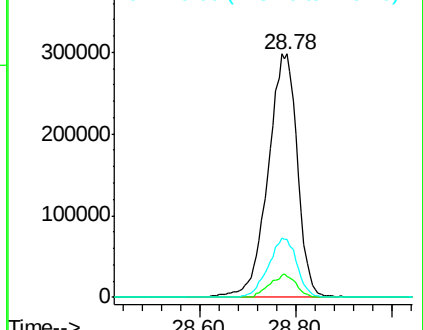
Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6#
279	23.9	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 80.96 ng

RT: 29.87 min Scan# 4525

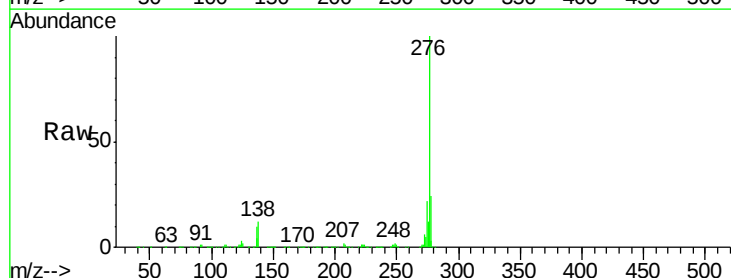
Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:276 Resp: 1253777

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	12.4	13.9	20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

