

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034968.D
 Acq On : 8 Jun 2018 1:13
 Operator : SJ/JU
 Sample : PB110034BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

Quant Time: Jun 08 04:34:25 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	49358	20.00	ng	-0.01
21) Naphthalene-d8	10.89	136	194684	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	141374	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	357165	20.00	ng	0.00
75) Chrysene-d12	21.72	240	350700	20.00	ng	0.00
86) Perylene-d12	24.96	264	355036	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	437133	149.46	ng	0.00
7) Phenol-d6	7.24	99	665256	154.11	ng	0.00
23) Nitrobenzene-d5	9.24	82	410963	100.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	280872	155.20	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	953123	87.64	ng	0.00
78) Terphenyl-d14	20.06	244	1601315	95.64	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	43625	31.26	ng	# 73
3) Pyridine	3.95	79	131579	34.95	ng	# 75
4) n-Nitrosodimethylamine	3.87	42	60622	37.48	ng	# 87
6) Aniline	7.41	93	118827	21.30	ng	98
8) 2-Chlorophenol	7.65	128	136721	44.60	ng	96
9) Benzaldehyde	7.21	77	74534	22.42	ng	95
10) Phenol	7.26	94	218645	48.94	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	138716	40.01	ng	93
12) 1,3-Dichlorobenzene	7.97	146	146544	40.06	ng	# 94
13) 1,4-Dichlorobenzene	8.12	146	147099	38.96	ng	95
14) 1,2-Dichlorobenzene	8.43	146	140805	39.70	ng	93
15) Benzyl Alcohol	8.31	79	178928	43.74	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.61	45	166246	48.17	ng	81
17) 2-Methylphenol	8.51	107	143577	48.75	ng	# 84
18) Hexachloroethane	9.17	117	55995	41.42	ng	93
19) n-Nitroso-di-n-propylamine	8.89	70	139825	38.13	ng	# 88
20) 3+4-Methylphenols	8.84	107	203163	48.12	ng	92
22) Acetophenone	8.90	105	243379	40.36	ng	93
24) Nitrobenzene	9.29	77	195415	46.59	ng	95
25) Isophorone	9.81	82	401465	46.43	ng	98
26) 2-Nitrophenol	10.00	139	76156	52.68	ng	# 86
27) 2,4-Dimethylphenol	10.05	122	153764	50.60	ng	91
28) bis(2-Chloroethoxy)methane	10.29	93	208048	44.77	ng	98
29) 2,4-Dichlorophenol	10.53	162	168801	51.05	ng	91
30) 1,2,4-Trichlorobenzene	10.75	180	168766	42.57	ng	97
31) Naphthalene	10.94	128	426088	42.13	ng	98
32) Benzoic acid	10.19	122	107109	52.63	ng	# 89
33) 4-Chloroaniline	11.04	127	25378	5.78	ng	98
34) Hexachlorobutadiene	11.22	225	129251	41.92	ng	95
35) Caprolactam	11.82	113	29880	24.45	ng	# 72
36) 4-Chloro-3-methylphenol	12.15	107	208185	50.51	ng	94
37) 2-Methylnaphthalene	12.53	142	347071	45.26	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	226979	43.10	ng	99
40) Hexachlorocyclopentadiene	12.89	237	335043	101.46	ng	91

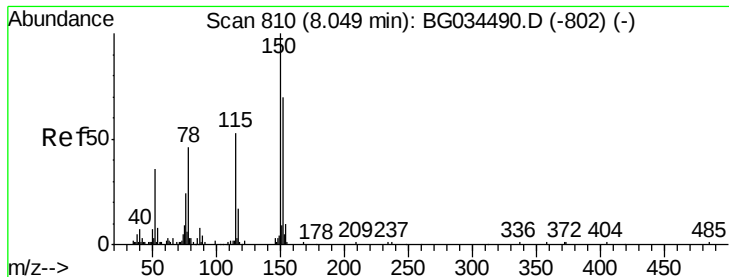
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	156334	49.58	nq	97
43) 2,4,5-Trichlorophenol	13.20	196	164837	47.63	nq	97
45) 1,1'-Biphenyl	13.54	154	475971	41.87	nq	99
46) 2-Chloronaphthalene	13.59	162	367535	42.76	nq	97
47) 2-Nitroaniline	13.78	65	128566	50.66	nq	98
48) Acenaphthylene	14.43	152	626334	43.46	nq	98
49) Dimethylphthalate	14.16	163	518911	42.09	nq	99
50) 2,6-Dinitrotoluene	14.27	165	110610	49.18	nq	94
51) Acenaphthene	14.77	154	390841	41.51	nq	99
52) 3-Nitroaniline	14.60	138	29626	13.42	nq	# 92
53) 2,4-Dinitrophenol	14.80	184	108564	119.27	nq	# 67
54) Dibenzofuran	15.10	168	597310	42.35	nq	92
55) 4-Nitrophenol	14.90	139	183419	98.48	nq	# 83
56) 2,4-Dinitrotoluene	15.06	165	159784	53.48	nq	91
57) Fluorene	15.75	166	500489	42.46	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	168406	50.09	nq	95
59) Diethylphthalate	15.52	149	518882	41.25	nq	98
60) 4-Chlorophenyl-phenylether	15.74	204	284060	42.27	nq	99
61) 4-Nitroaniline	15.77	138	109749	46.37	nq	# 79
62) Azobenzene	16.04	77	544035	44.14	nq	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	83022	50.91	nq	89
65) n-Nitrosodiphenylamine	15.96	169	440193	41.04	nq	98
66) 4-Bromophenyl-phenylether	16.63	248	192206	44.69	nq	93
67) Hexachlorobenzene	16.75	284	190448	43.50	nq	95
68) Atrazine	16.90	200	197970	43.28	nq	98
69) Pentachlorophenol	17.09	266	239127	81.23	nq	98
70) Phenanthrene	17.49	178	797311	43.95	nq	97
71) Anthracene	17.58	178	812717	44.72	nq	99
72) Carbazole	17.84	167	747809	44.35	nq	99
73) Di-n-butylphthalate	18.41	149	851618	42.37	nq	# 97
74) Fluoranthene	19.50	202	1035356	43.85	nq	96
76) Benzidine	19.67	184	275524	21.12	nq	97
77) Pyrene	19.85	202	1009650	43.67	nq	97
79) Butylbenzylphthalate	20.75	149	384562	45.81	nq	94
80) Benzo(a)anthracene	21.70	228	1007872	44.97	nq	98
81) 3,3'-Dichlorobenzidine	21.61	252	152977	18.14	nq	# 98
82) Chrysene	21.77	228	936024	45.62	nq	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	541760	45.67	nq	97
84) Di-n-octyl phthalate	22.86	149	927509	45.58	nq	95
85) Indeno(1,2,3-cd)pyrene	28.68	276	1140519	47.46	nq	# 89
87) Benzo(b)fluoranthene	23.94	252	999073	45.70	nq	# 97
88) Benzo(k)fluoranthene	24.01	252	943385	44.11	nq	# 98
89) Benzo(a)pyrene	24.82	252	962274	46.77	nq	# 98
90) Dibenzo(a,h)anthracene	28.75	278	917954	45.20	nq	# 95
91) Benzo(g,h,i)perylene	29.83	276	935075	47.05	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampled :

PB110034BL

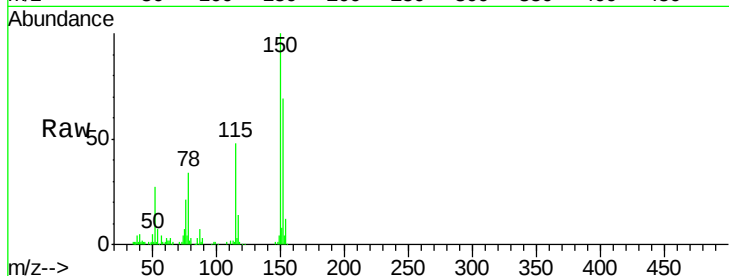
Tot Ion:152 Resp: 49358

Ion Ratio Lower Upper

152 100

150 145.4 126.6 189.8

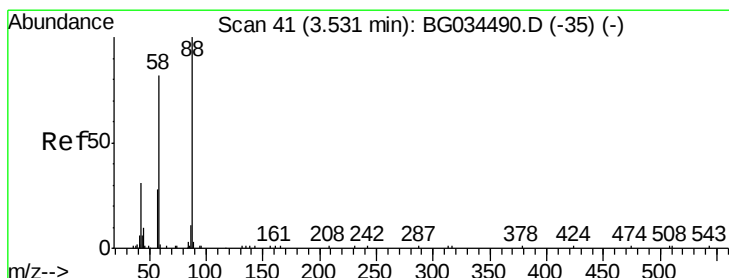
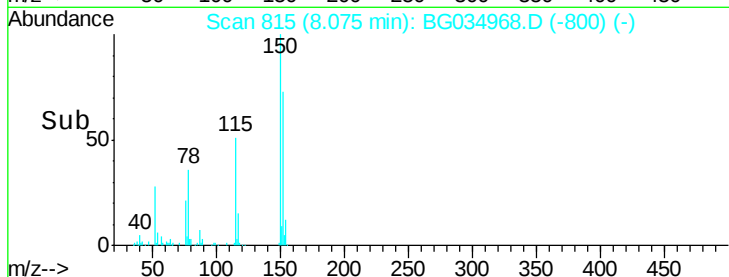
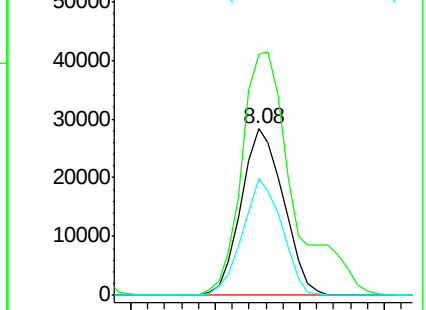
115 70.0 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.26 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

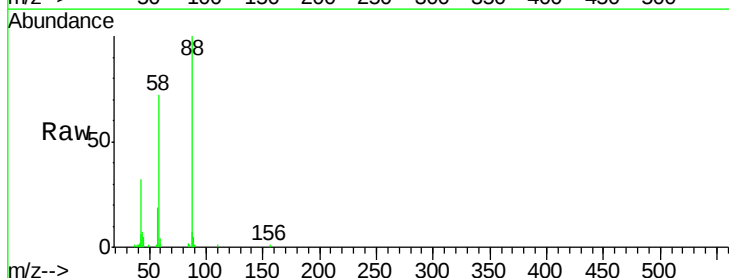
Tgt Ion: 88 Resp: 43625

Ion Ratio Lower Upper

88 100

58 68.2 79.6 119.4#

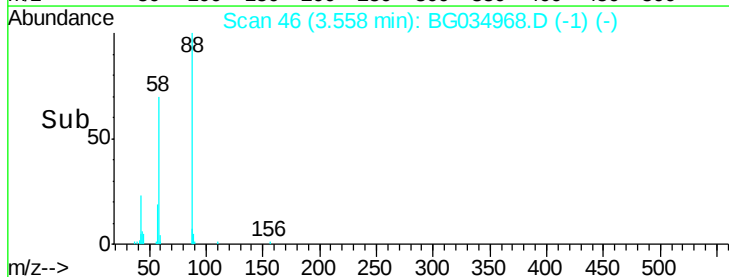
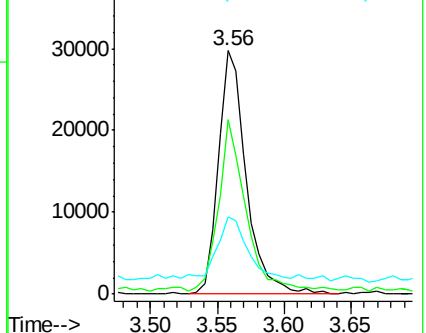
43 26.4 27.4 41.0#

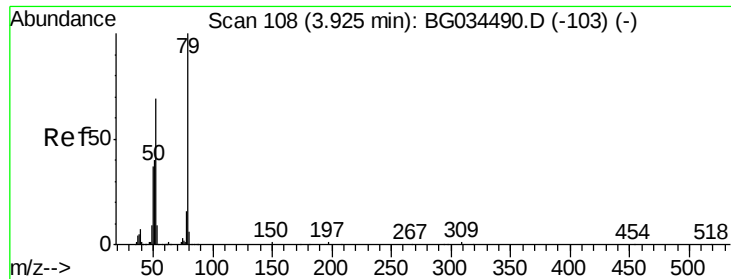


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.95 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

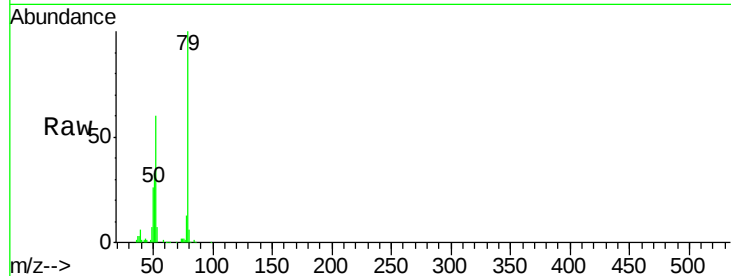
Tot Ion: 79 Resp: 131579

Ion Ratio Lower Upper

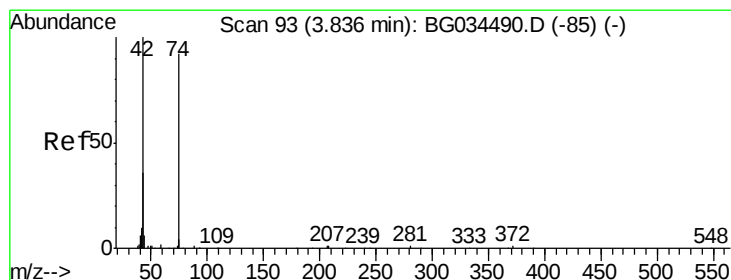
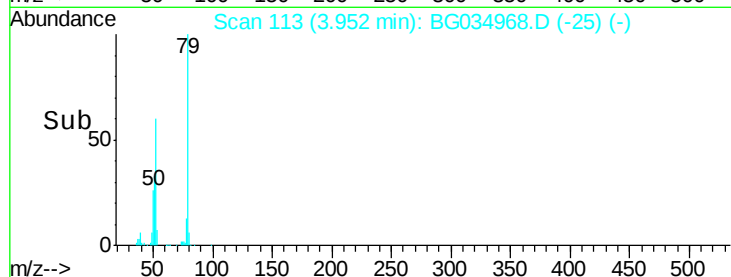
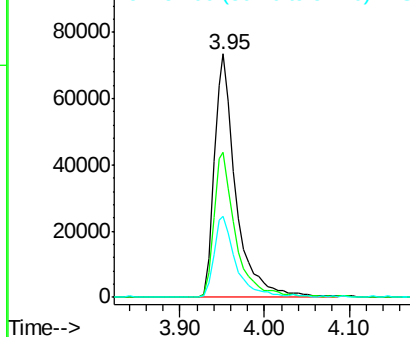
79 100

52 59.6 69.9 104.9#

51 33.4 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: 37.48 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

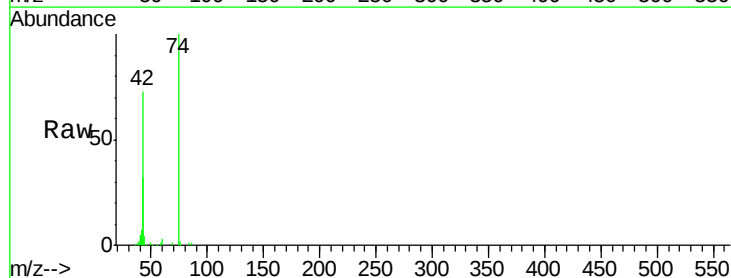
Tgt Ion: 42 Resp: 60622

Ion Ratio Lower Upper

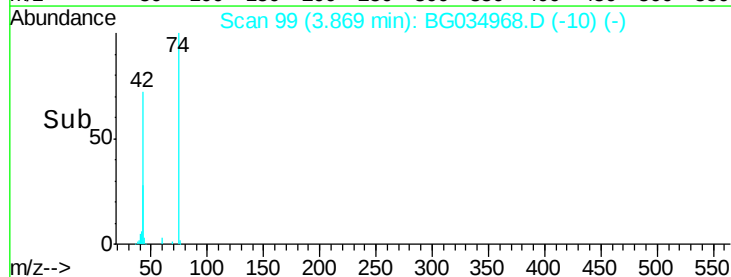
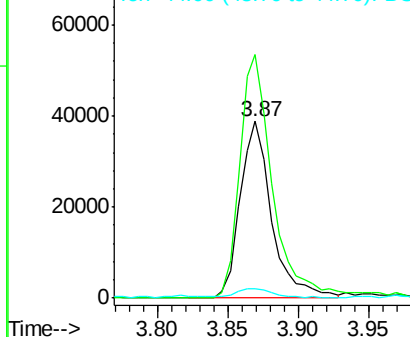
42 100

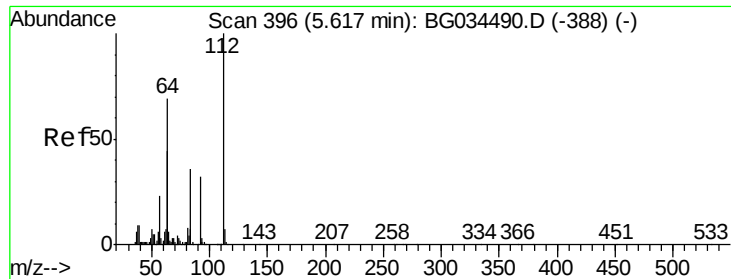
74 137.6 102.5 153.7

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: 149.46 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

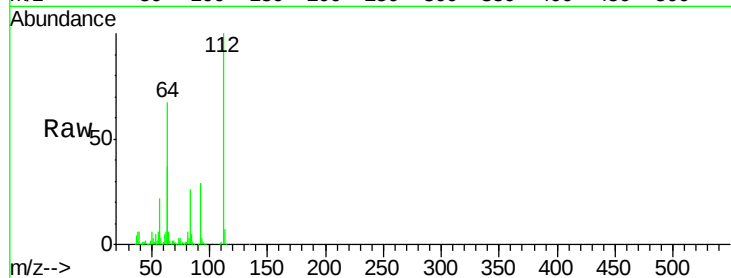
Tot Ion:112 Resp: 437133

Ion Ratio Lower Upper

112 100

64 67.0 56.3 84.5

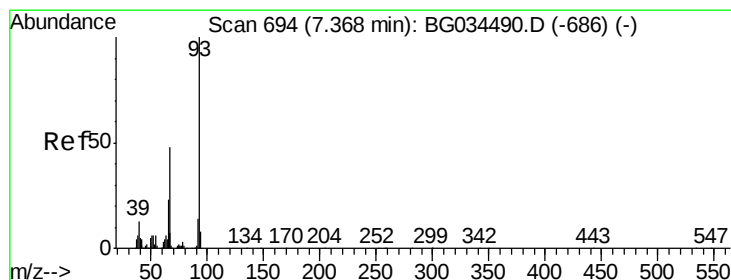
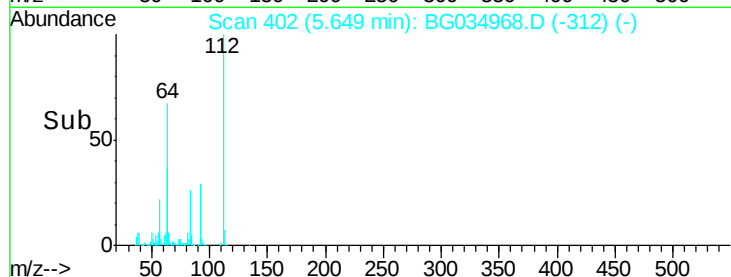
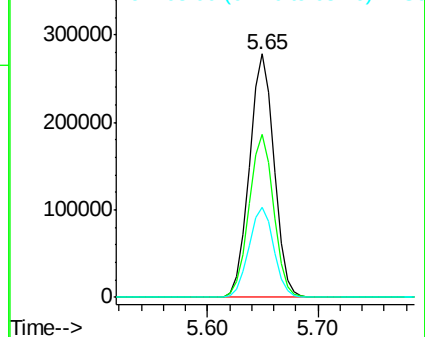
63 37.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.30 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

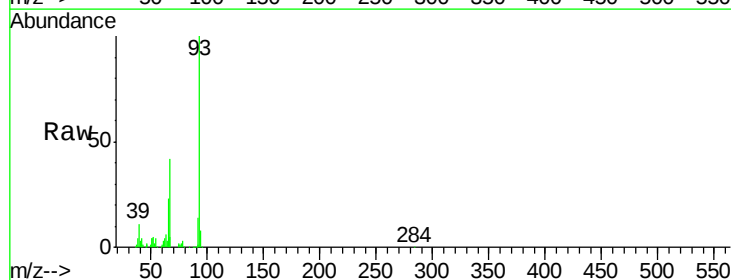
Tgt Ion: 93 Resp: 118827

Ion Ratio Lower Upper

93 100

66 41.7 33.7 50.5

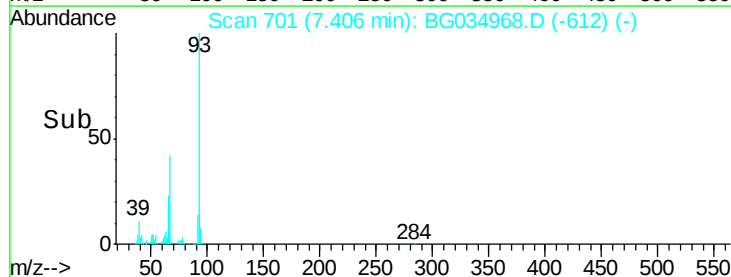
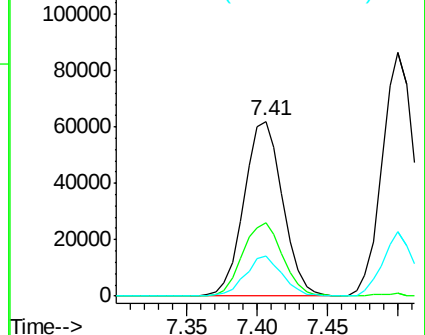
65 23.0 16.1 24.1

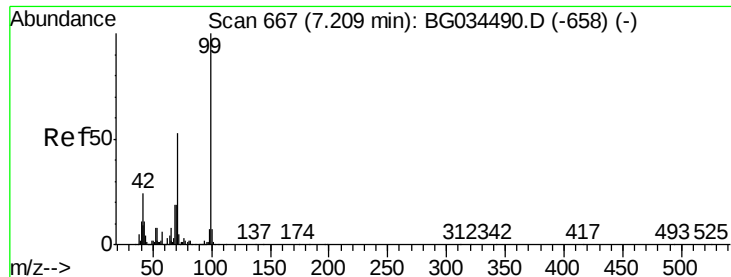


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.11 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

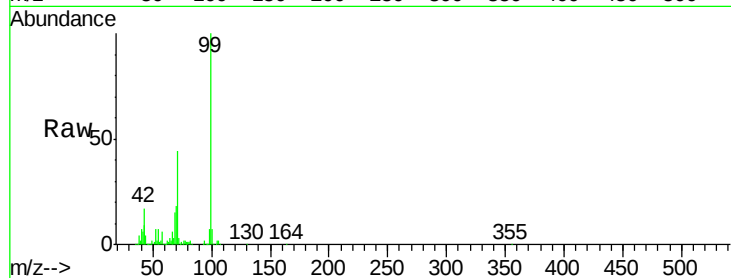
Tot Ion: 99 Resp: 665256

Ion Ratio Lower Upper

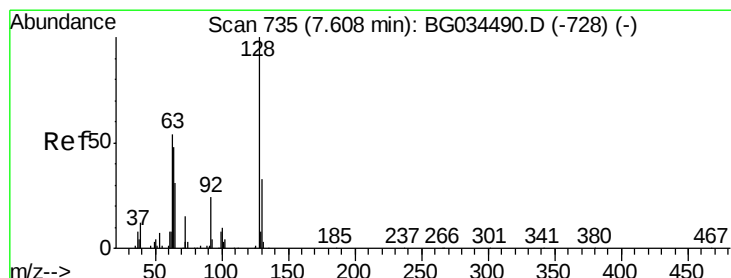
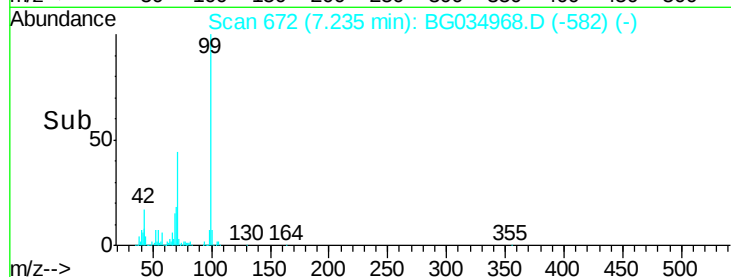
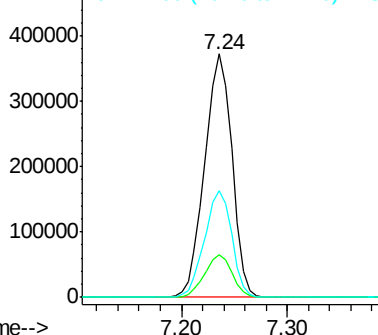
99 100

42 17.5 14.1 21.1

71 43.7 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: 44.60 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

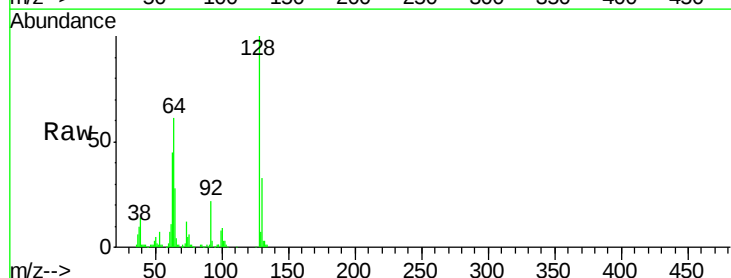
Tgt Ion: 128 Resp: 136721

Ion Ratio Lower Upper

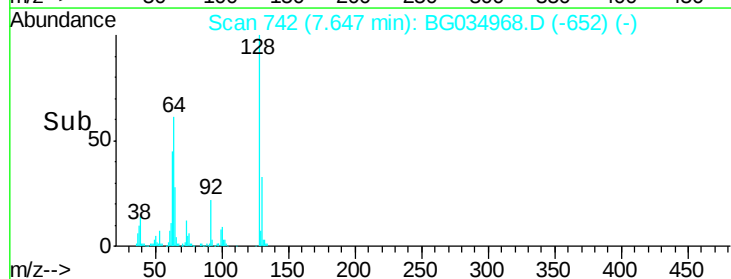
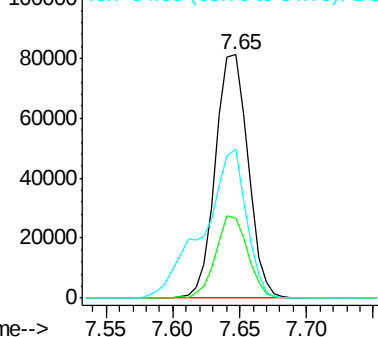
128 100

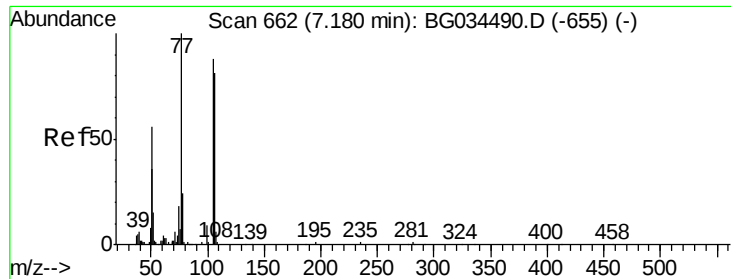
130 32.8 14.0 54.0

64 61.4 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: 22.42 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampled :

PB110034BL

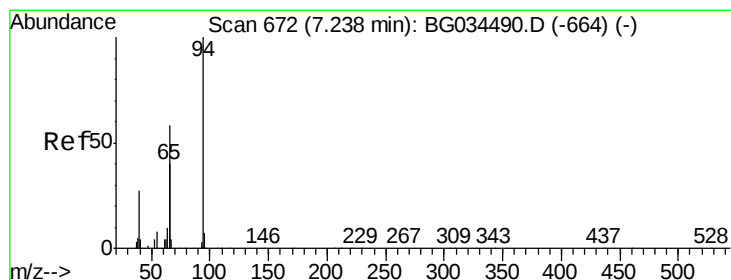
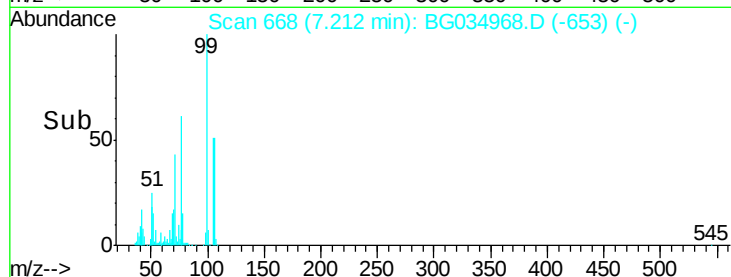
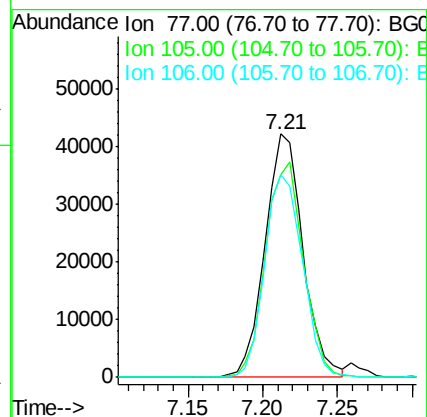
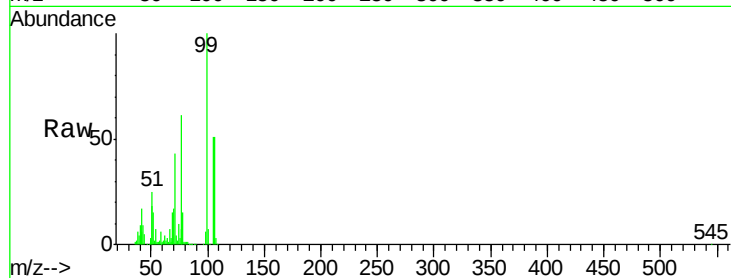
Tot Ion: 77 Resp: 74534

Ion Ratio Lower Upper

77 100

105 83.1 71.3 111.3

106 83.3 64.2 104.2



#10

Phenol

Concen: 48.94 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

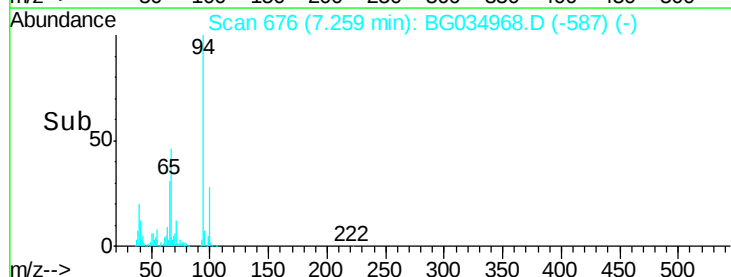
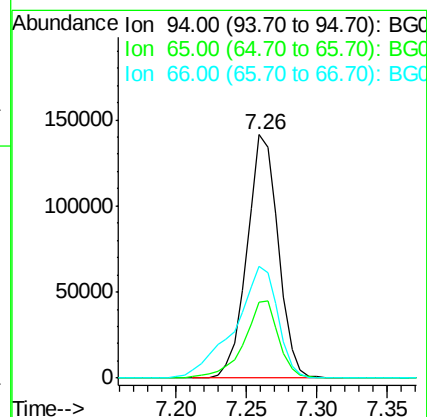
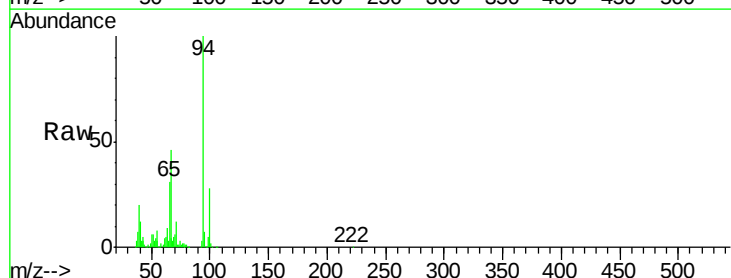
Tgt Ion: 94 Resp: 218645

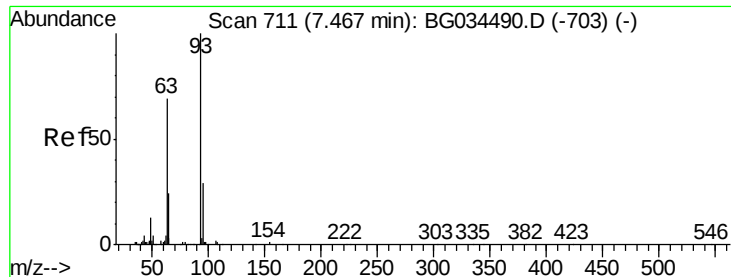
Ion Ratio Lower Upper

94 100

65 31.2 11.9 51.9

66 46.1 22.2 62.2

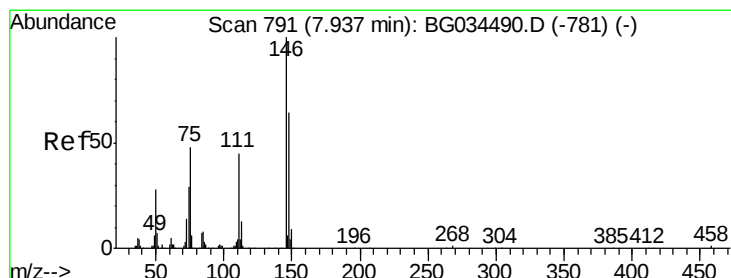
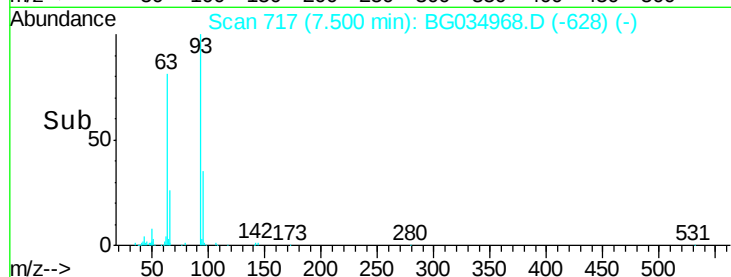
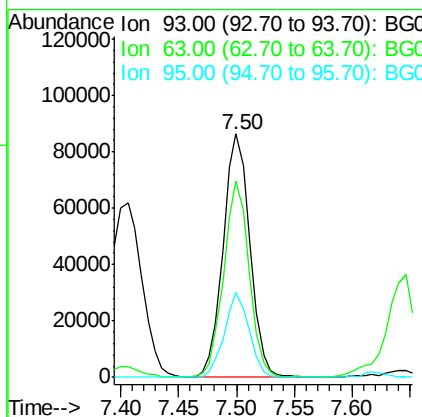
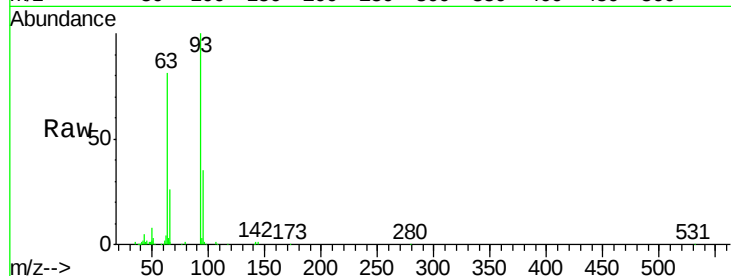




#11
bis(2-Chloroethyl)ether
Concen: 40.01 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

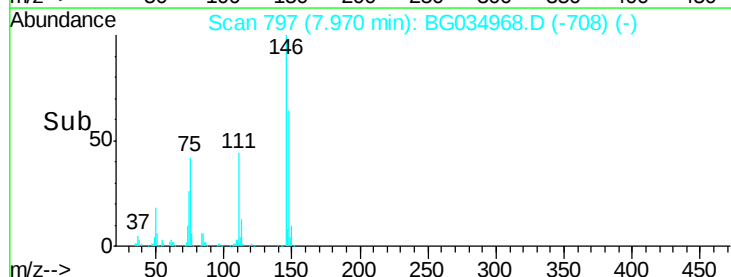
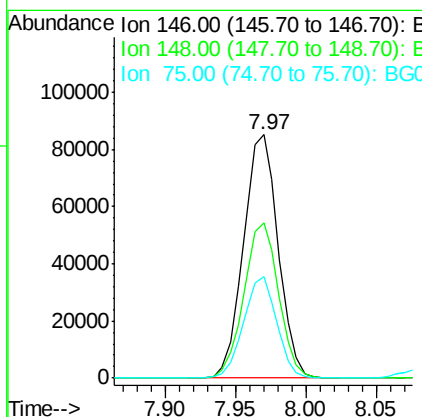
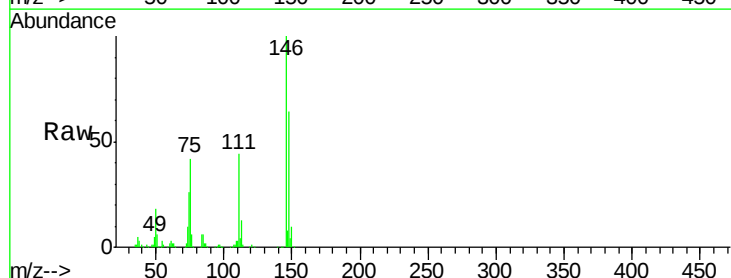
Instrument :
BNA_G
ClientSampleId :
PB110034BL

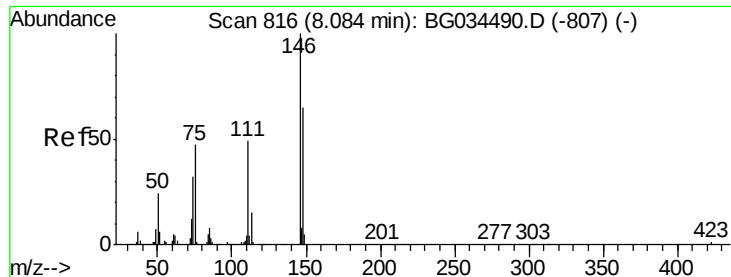
Tot Ion: 93 Resp: 138716
Ion Ratio Lower Upper
93 100
63 80.8 67.1 107.1
95 34.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.06 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion: 146 Resp: 146544
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 41.6 26.6 39.8#

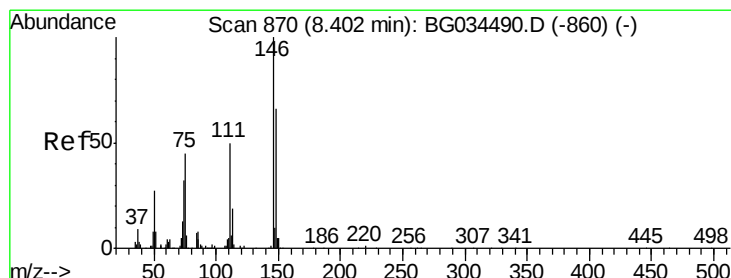
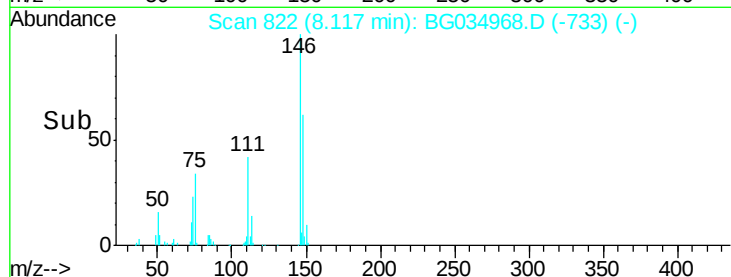
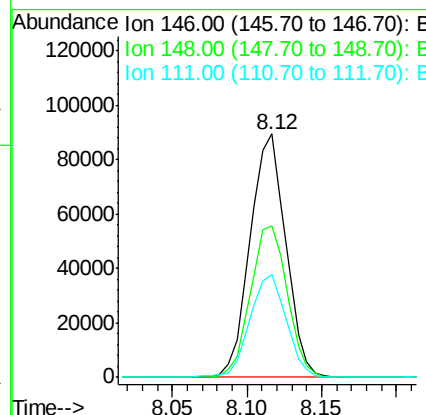
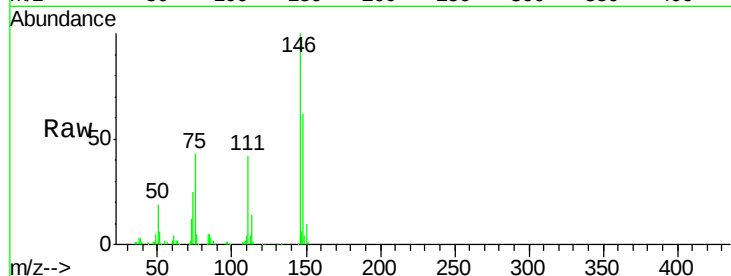




#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

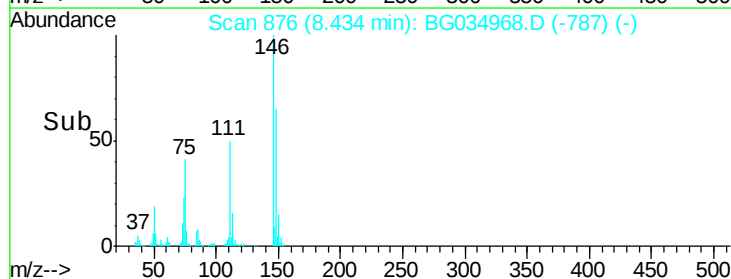
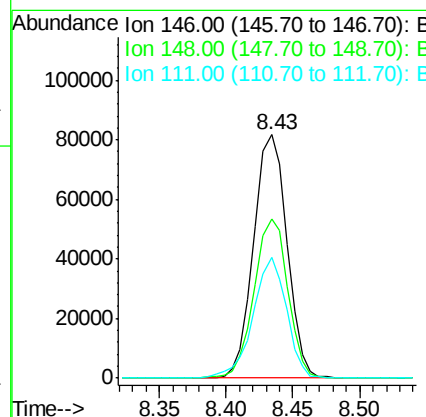
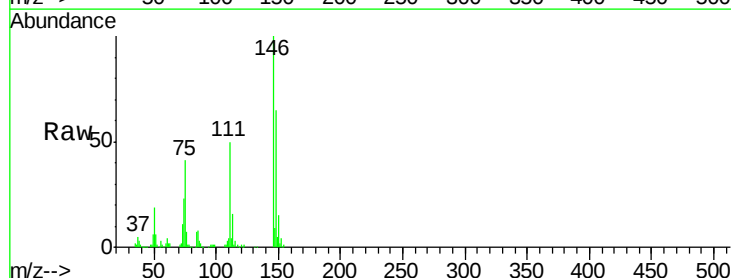
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

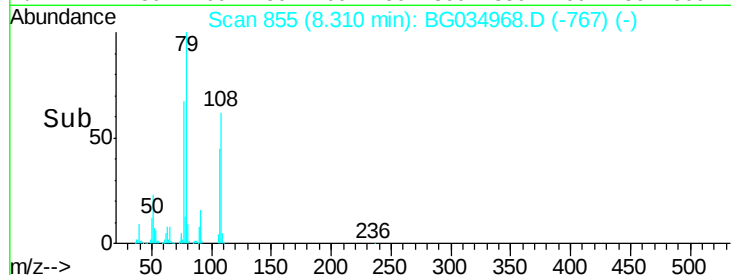
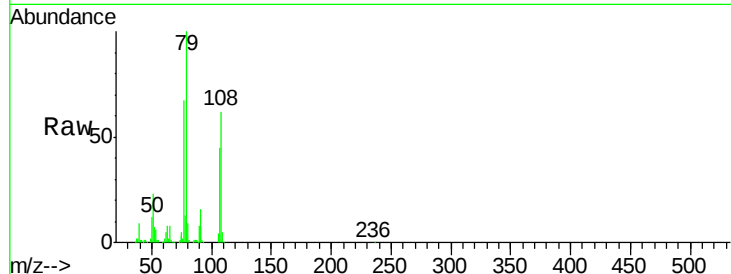
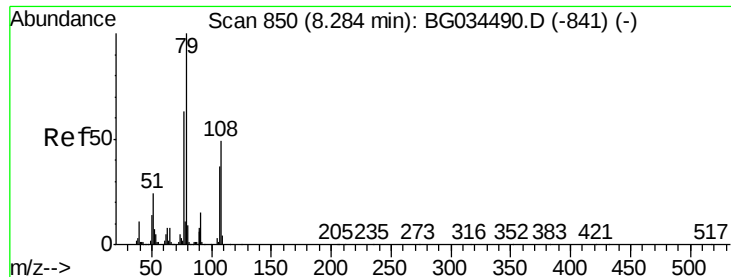
Tot Ion:146 Resp: 147099
 Ion Ratio Lower Upper
 146 100
 148 62.0 53.7 80.5
 111 42.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.70 ng
 RT: 8.43 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion:146 Resp: 140805
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.3 73.9
 111 49.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.74 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

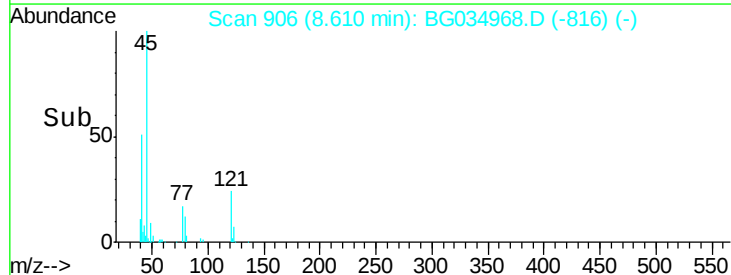
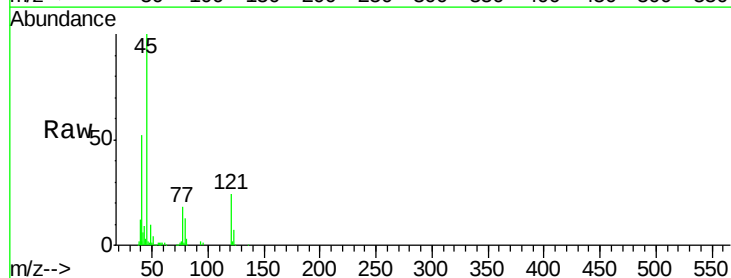
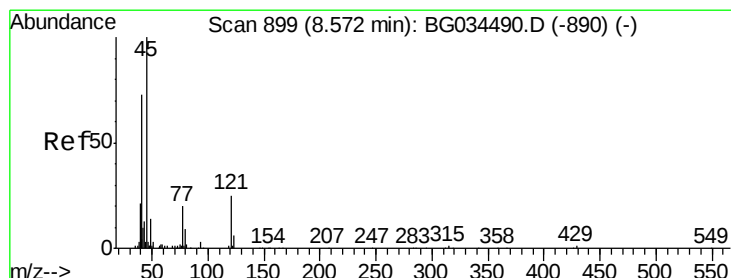
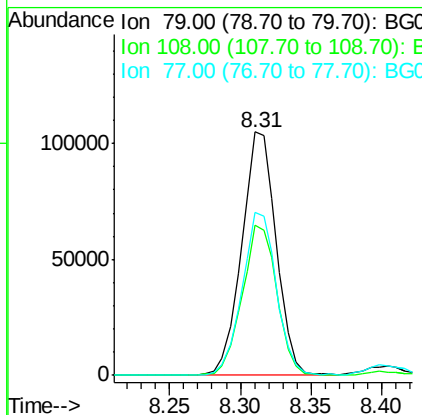
Tot Ion: 79 Resp: 178928

Ion Ratio Lower Upper

79 100

108 61.7 57.2 85.8

77 66.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.17 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

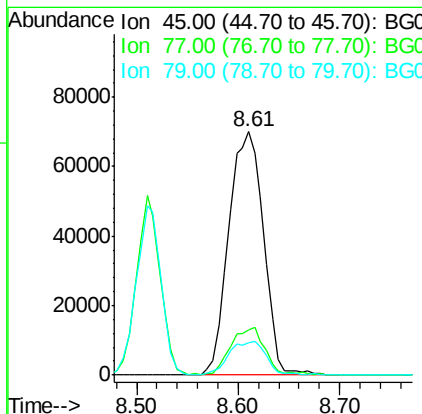
Tgt Ion: 45 Resp: 166246

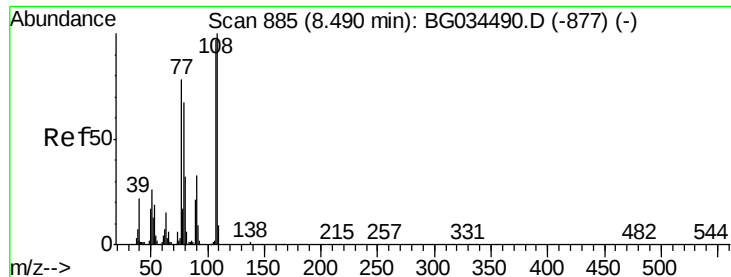
Ion Ratio Lower Upper

45 100

77 18.4 0.0 30.2

79 13.5 0.0 27.9





#17

2-Methylphenol

Concen: 48.75 ng

RT: 8.51 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

Tot Ion:107 Resp: 143577

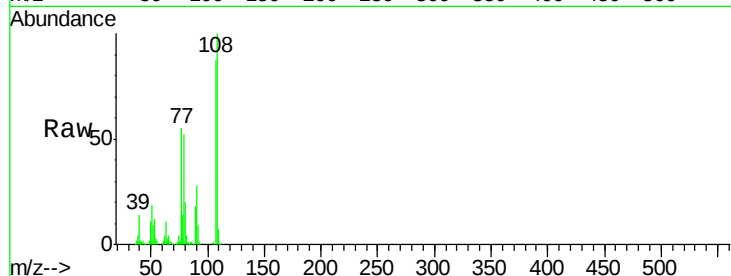
Ion Ratio Lower Upper

107 100

108 115.3 83.9 125.9

77 63.0 37.2 55.8#

79 59.7 36.2 54.2#



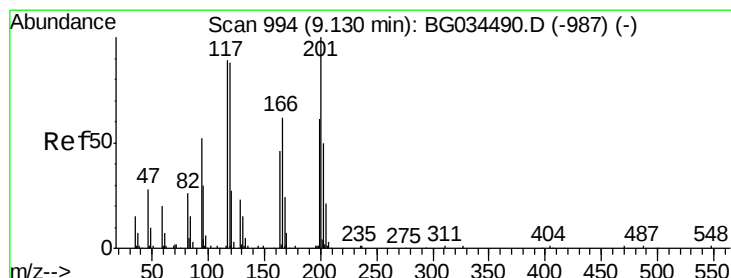
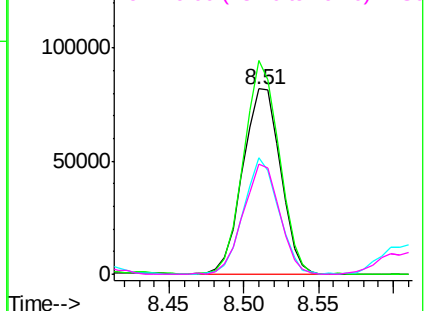
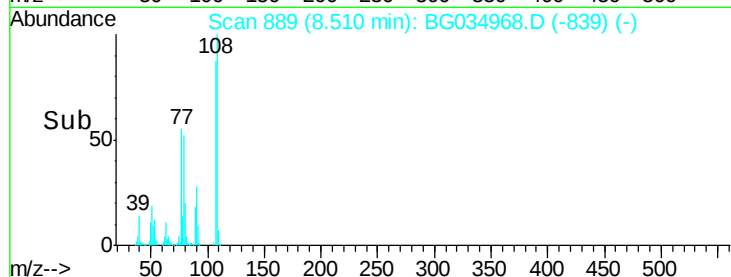
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.42 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

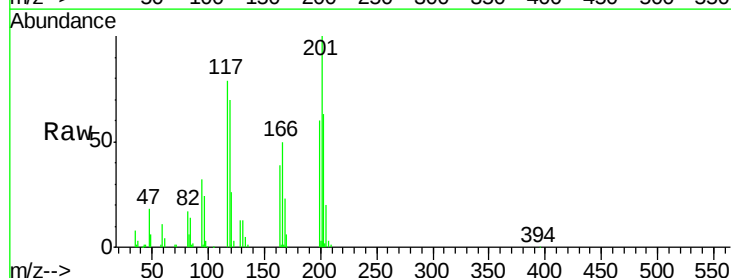
Tgt Ion:117 Resp: 55995

Ion Ratio Lower Upper

117 100

119 89.7 76.7 115.1

201 127.4 95.7 143.5

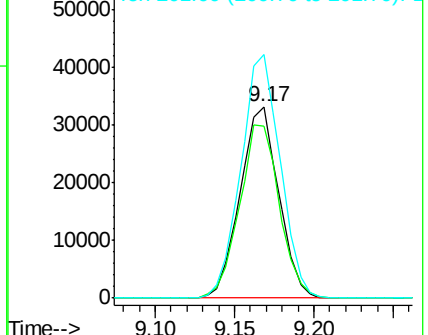
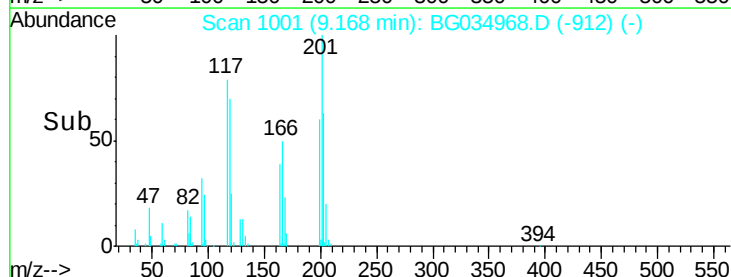


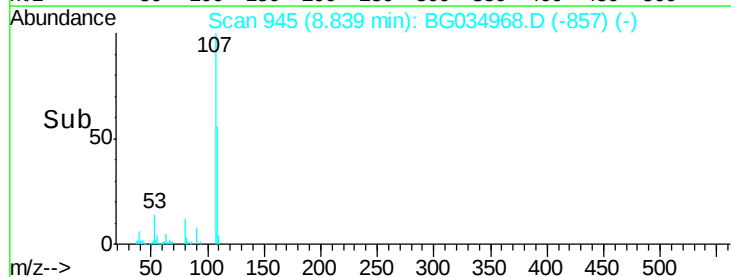
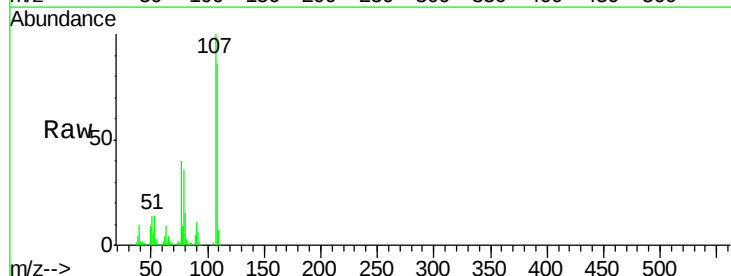
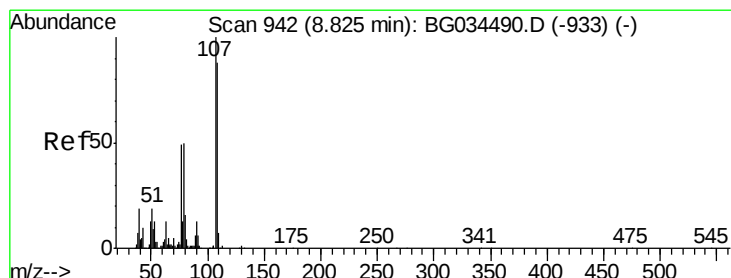
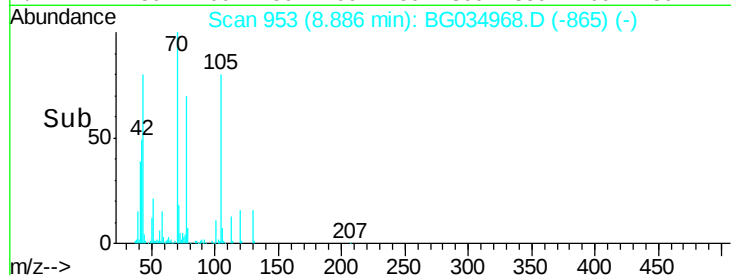
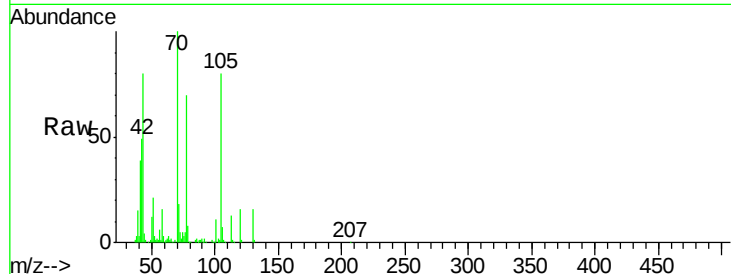
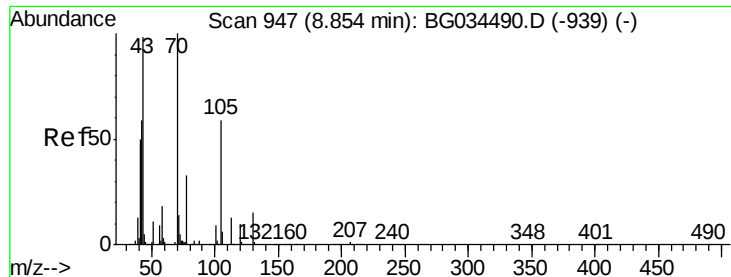
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

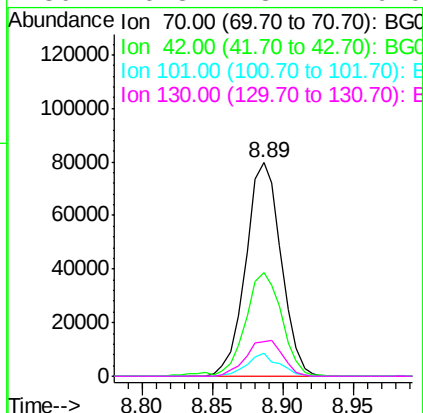




#19
n-Nitroso-di-n-propylamine
Concen: 38.13 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

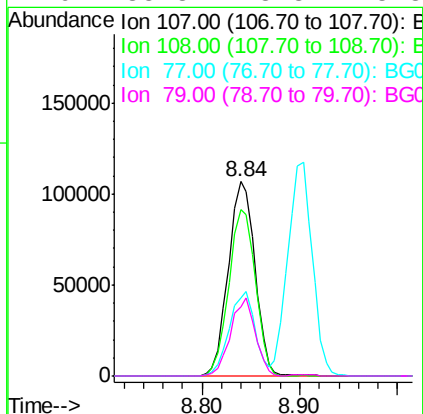
Instrument :
BNA_G
ClientSampleId :
PB110034BL

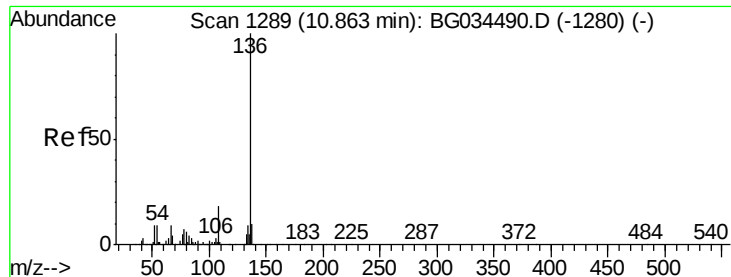
Tot Ion: 70 Resp: 139825
Ion Ratio Lower Upper
70 100
42 48.7 49.1 73.7#
101 10.9 8.5 12.7
130 16.3 13.4 20.0



#20
3+4-Methylphenols
Concen: 48.12 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion: 107 Resp: 203163
Ion Ratio Lower Upper
107 100
108 85.6 61.6 101.6
77 40.0 13.9 53.9
79 35.8 8.8 48.8

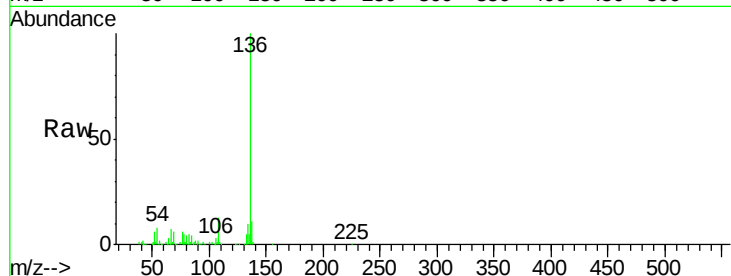




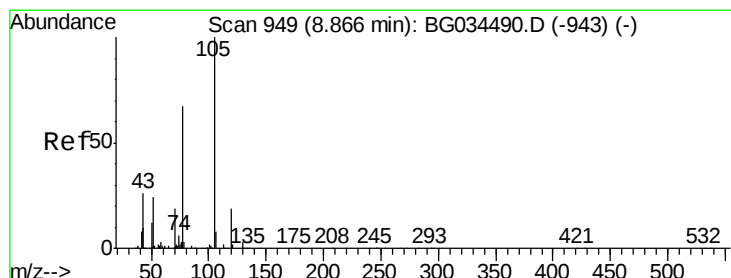
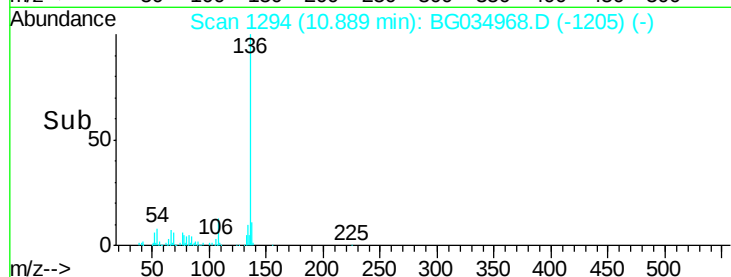
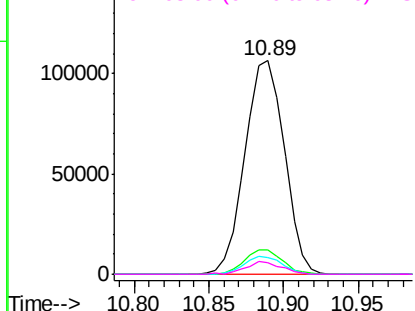
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Instrument :
BNA_G
ClientSampleId :
PB110034BL

Tot Ion:136	Resp:	194684	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.2	13.8	
54 7.5	10.3	15.5#	
68 5.5	4.5	6.7	

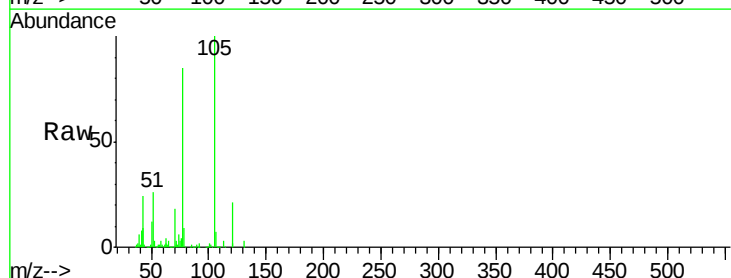


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

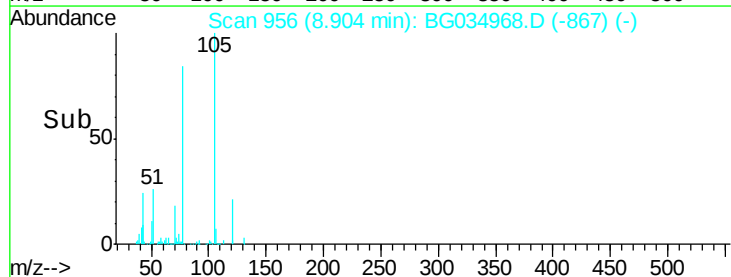
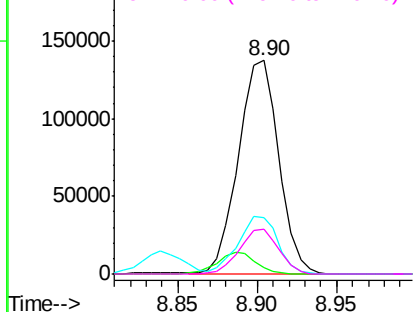


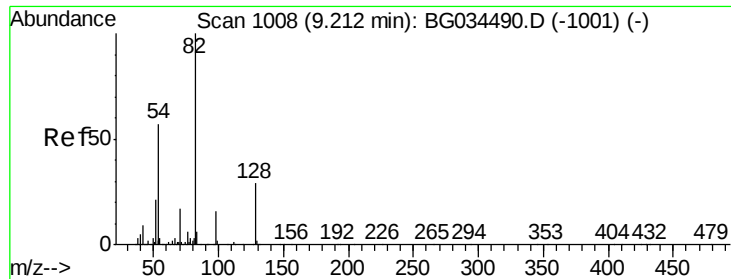
#22
Acetophenone
Concen: 40.36 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion:105	Resp:	243379
Ion Ratio	Lower	Upper
105 100		
71 3.2	3.0	4.4
51 26.5	26.1	39.1
120 20.8	17.4	26.2



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

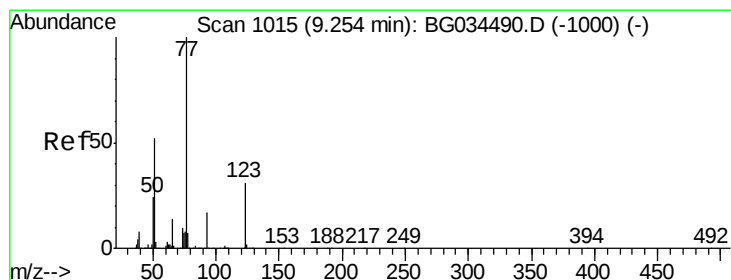
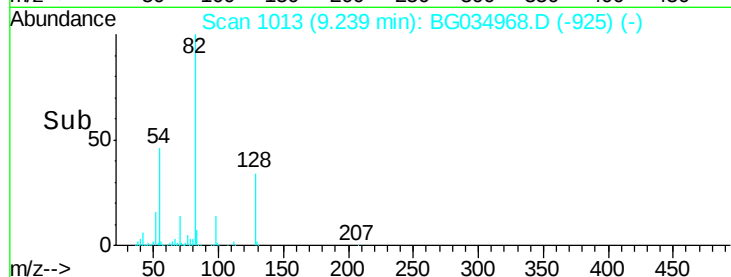
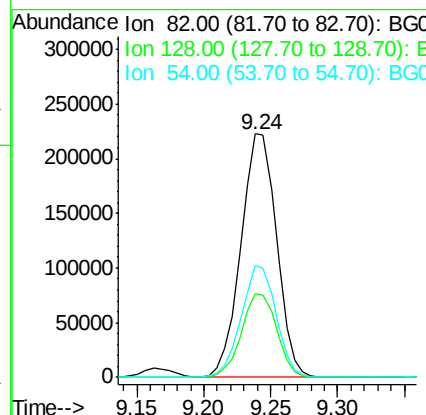
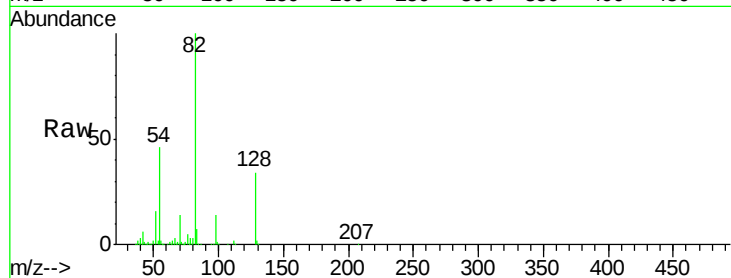




#23
 Nitrobenzene-d5
 Concen: 100.34 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

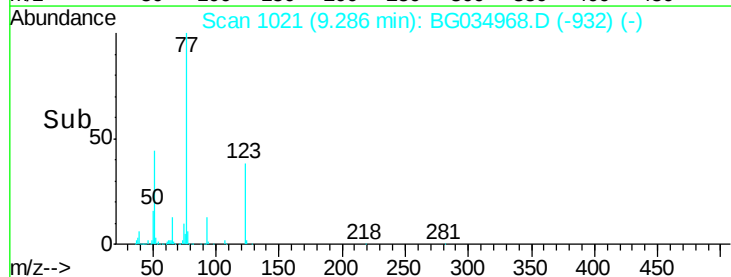
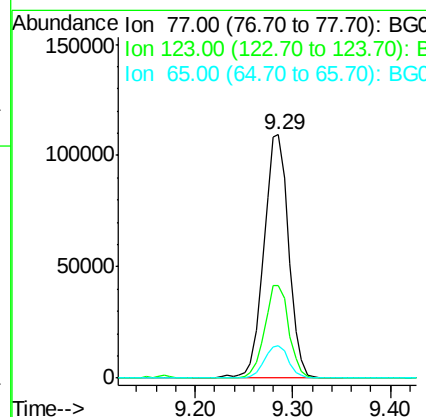
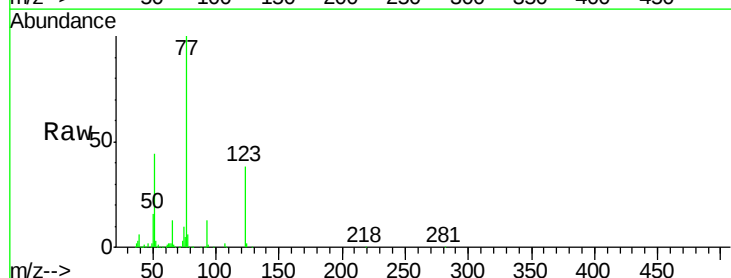
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

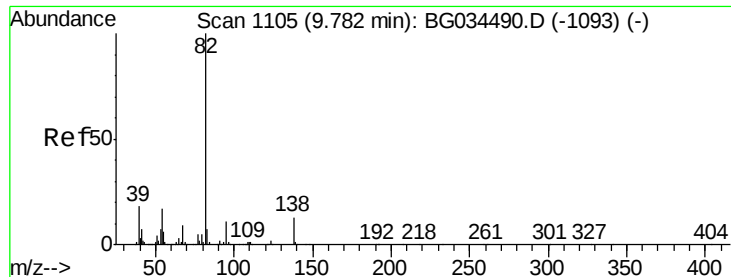
Tot Ion	82	Resp	410963
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.7	44.5
54	46.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 46.59 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion	77	Resp	195415
Ion Ratio	Lower	Upper	
77	100		
123	38.2	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 46.43 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

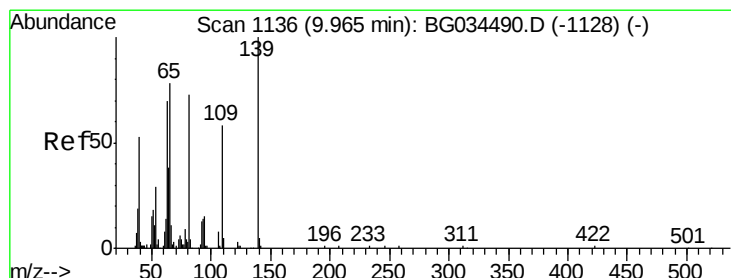
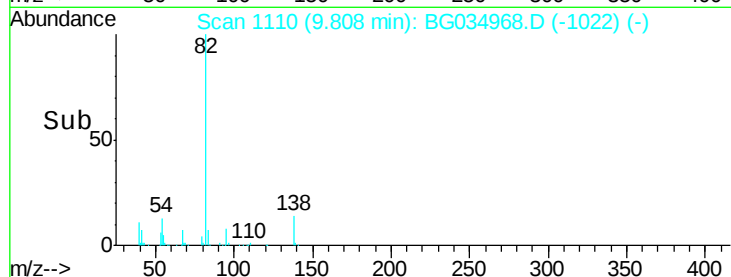
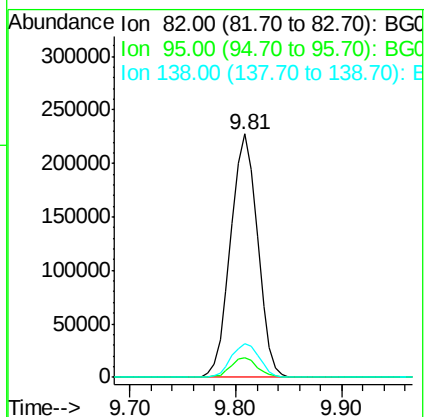
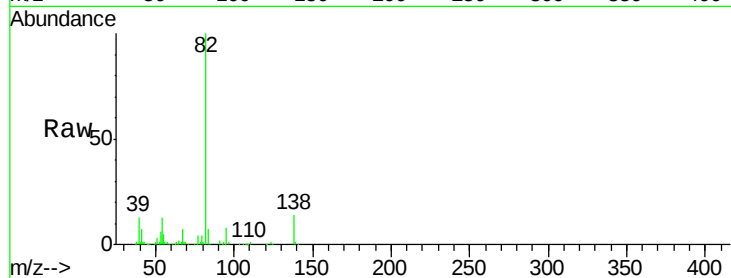
Tot Ion: 82 Resp: 401465

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 13.8 12.1 18.1



#26

2-Nitrophenol

Concen: 52.68 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

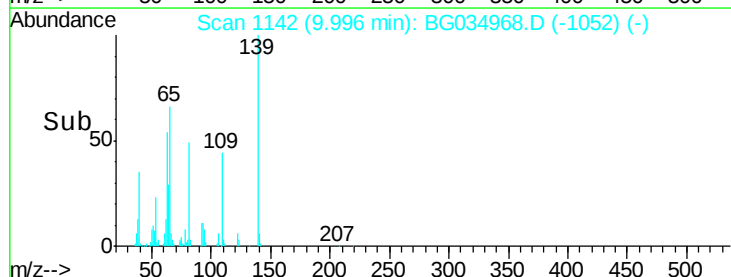
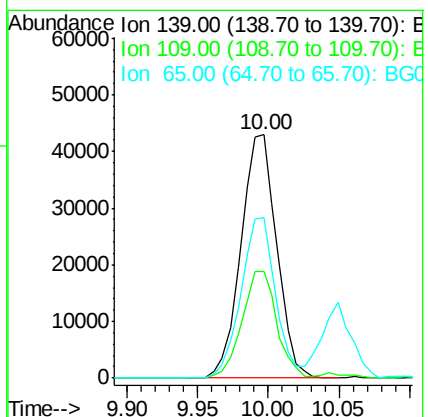
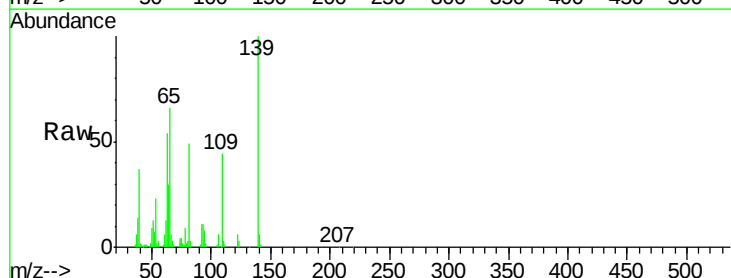
Tgt Ion: 139 Resp: 76156

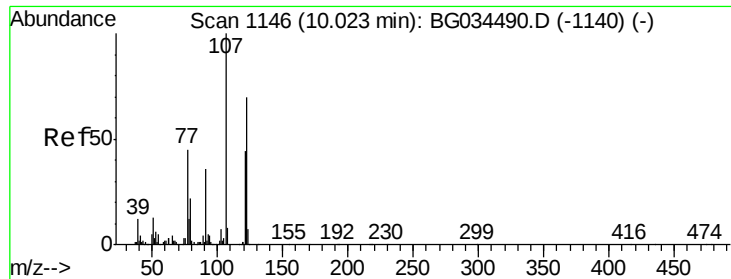
Ion Ratio Lower Upper

139 100

109 43.6 24.2 36.2#

65 65.7 47.4 71.0

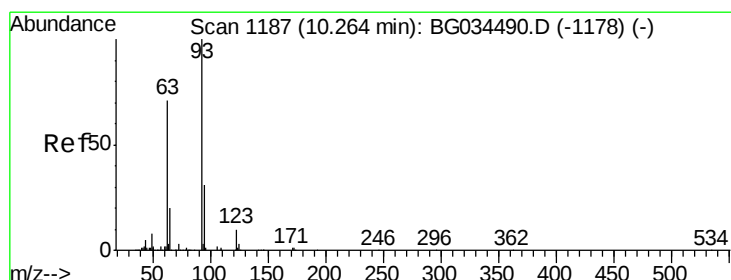
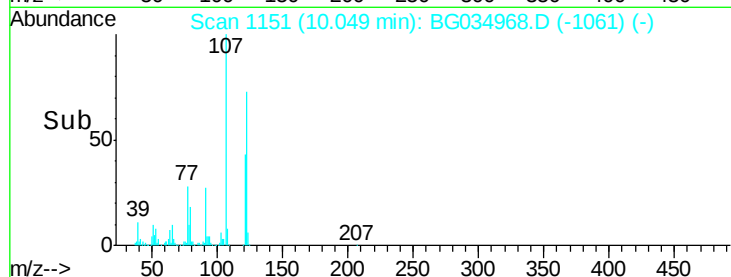
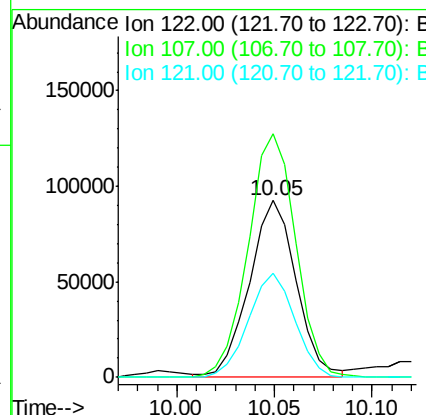
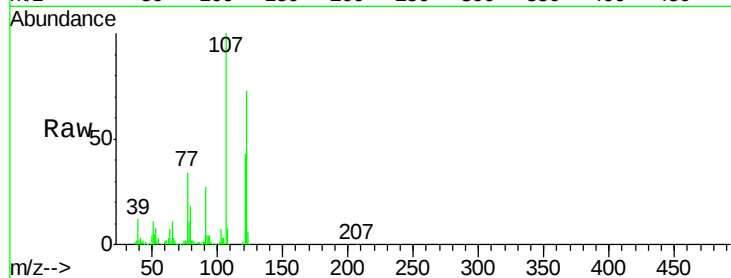




#27
 2,4-Dimethylphenol
 Concen: 50.60 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

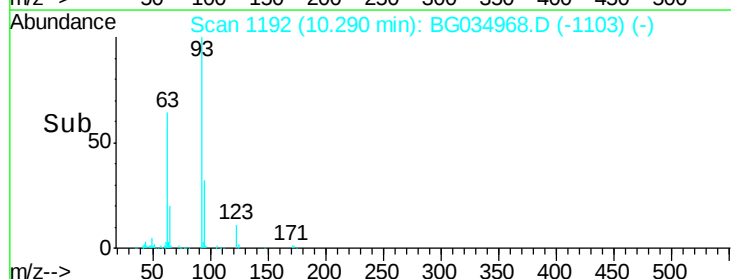
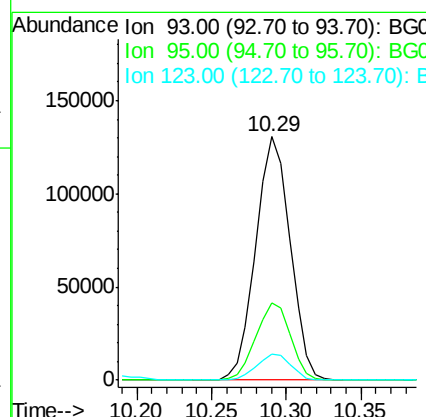
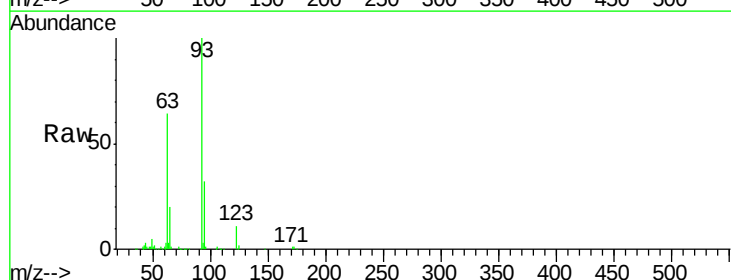
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

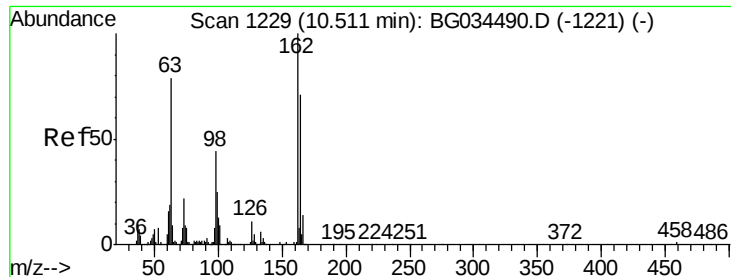
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.7	100.2	150.2
121	59.2	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.77 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	10.6	8.4	12.6

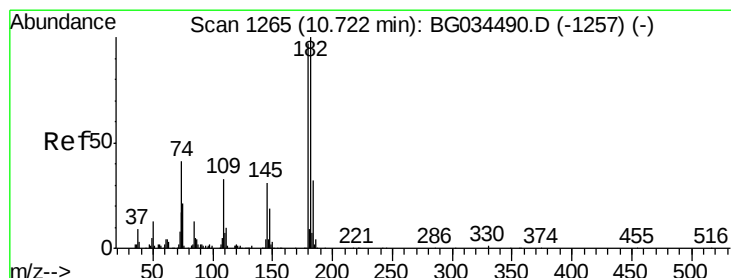
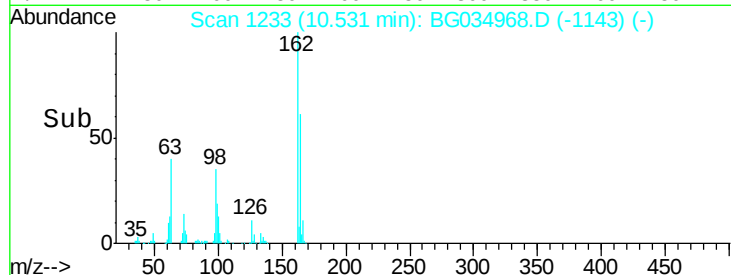
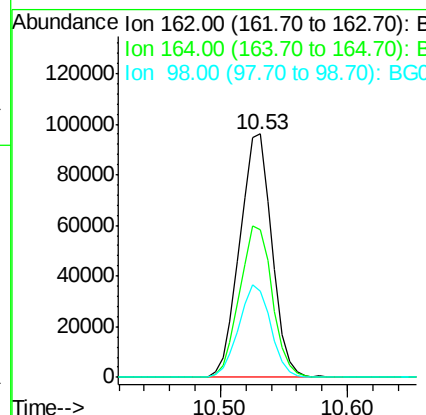
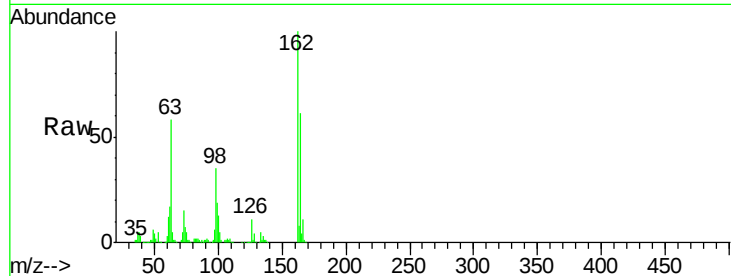




#29
2,4-Dichlorophenol
Concen: 51.05 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

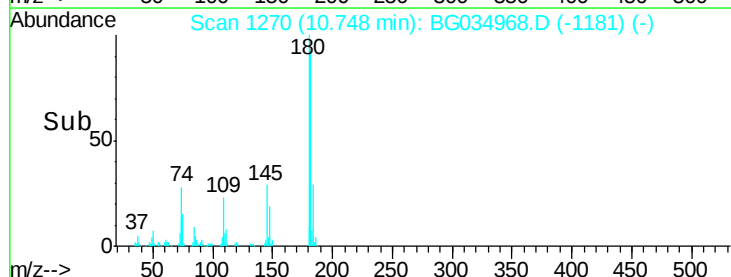
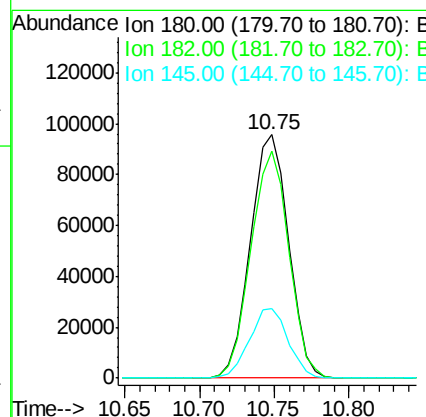
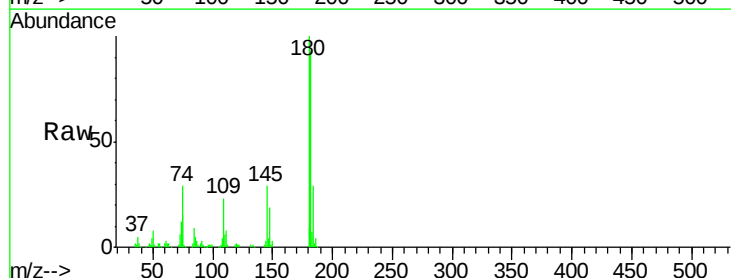
Instrument :
BNA_G
ClientSampleId :
PB110034BL

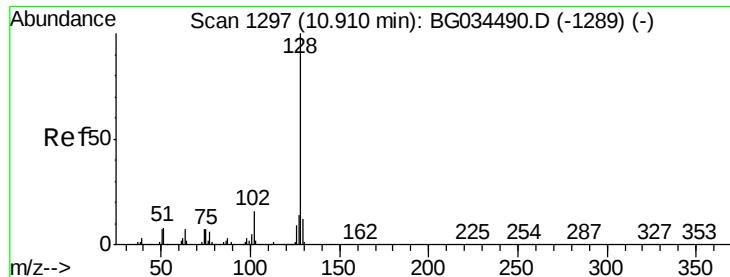
Tot Ion:162 Resp: 168801
Ion Ratio Lower Upper
162 100
164 60.6 48.0 88.0
98 35.4 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 42.57 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion:180 Resp: 168766
Ion Ratio Lower Upper
180 100
182 93.2 77.5 116.3
145 28.7 23.4 35.2

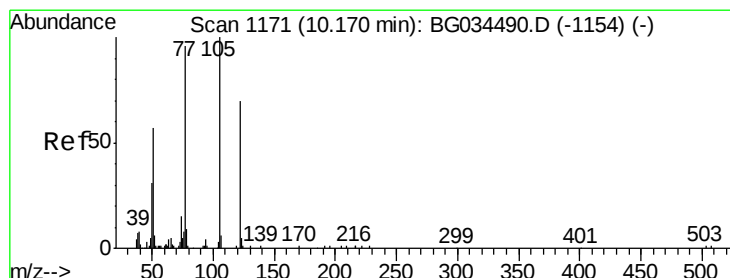
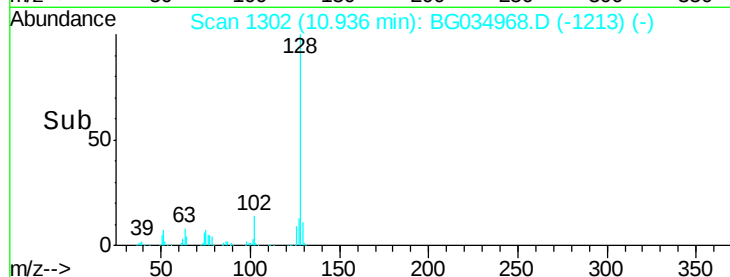
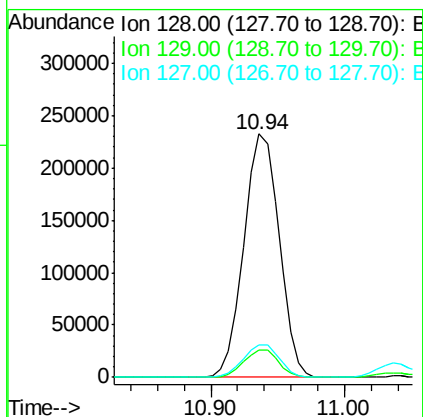
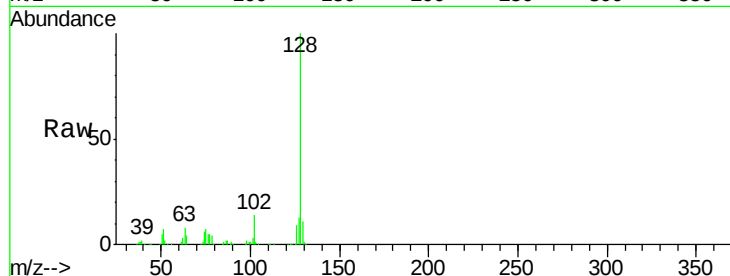




#31
Naphthalene
Concen: 42.13 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

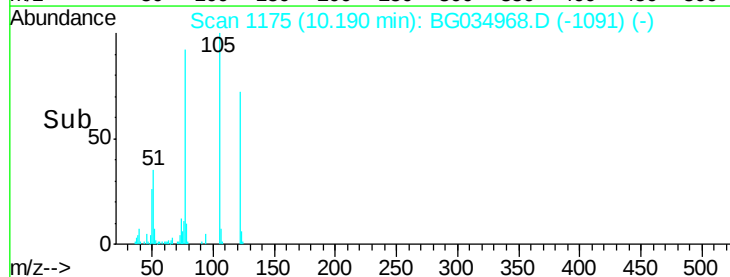
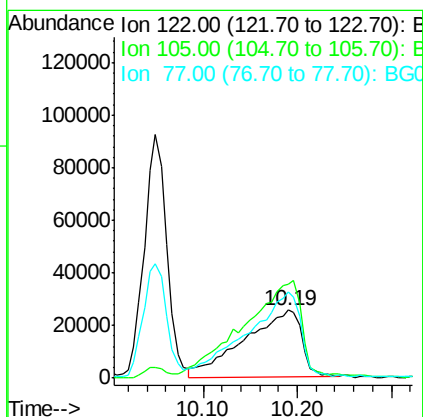
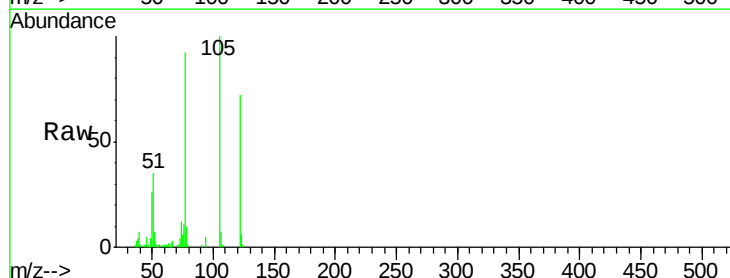
Instrument :
BNA_G
ClientSampleId :
PB110034BL

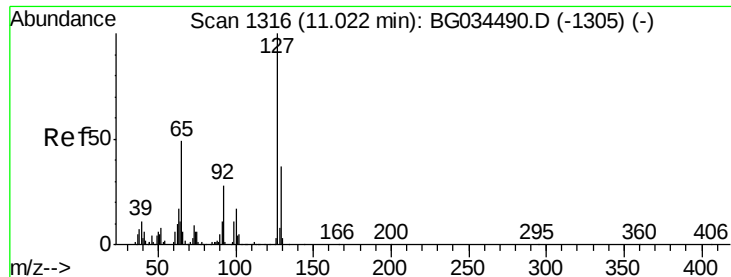
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.3	11.6	17.4



#32
Benzoic acid
Concen: 52.63 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.0	123.5	163.5
77	127.0	85.7	125.7

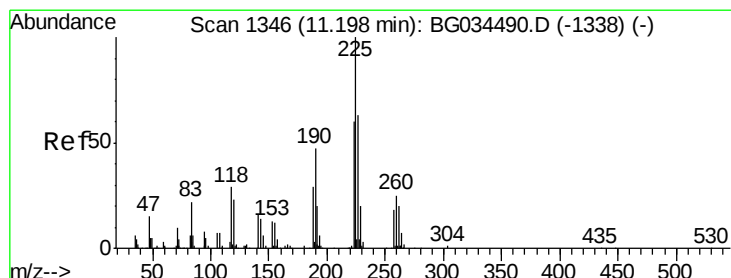
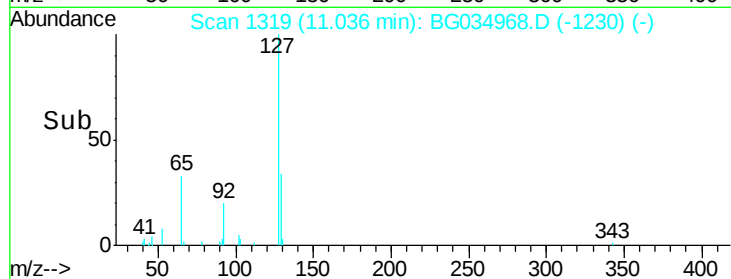
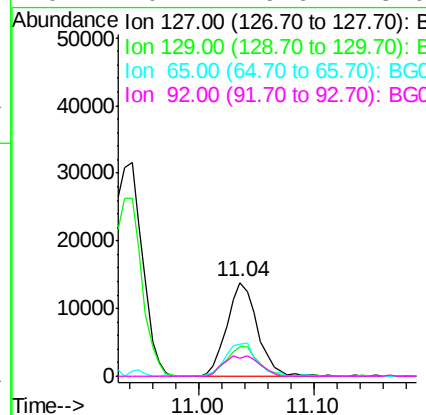
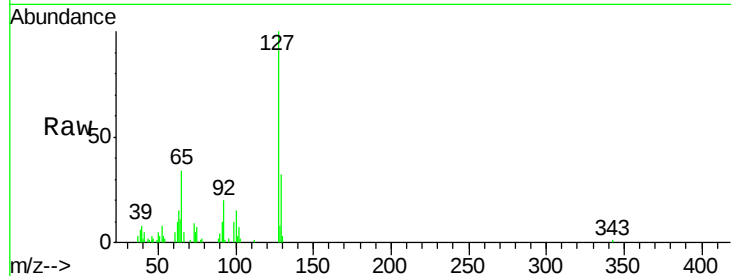




#33
4-Chloroaniline
Concen: 5.78 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

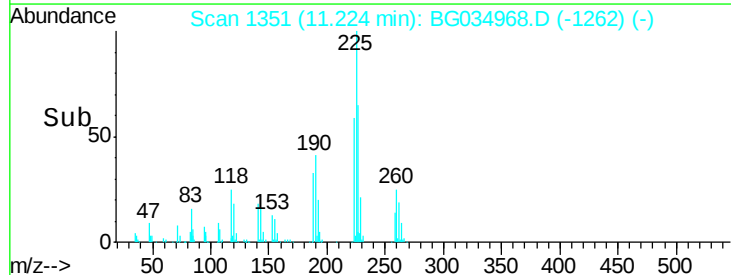
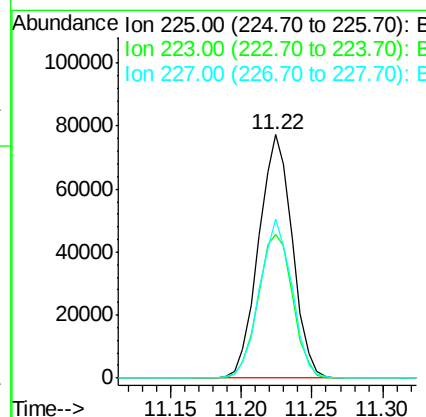
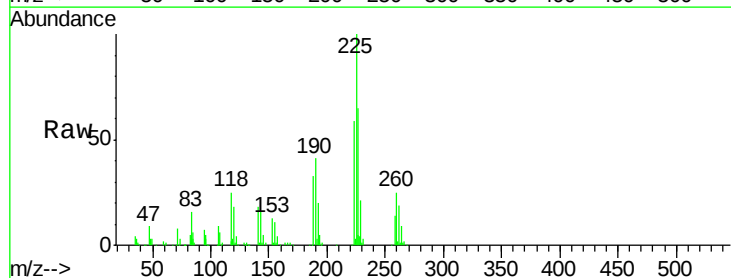
Instrument :
BNA_G
ClientSampleId :
PB110034BL

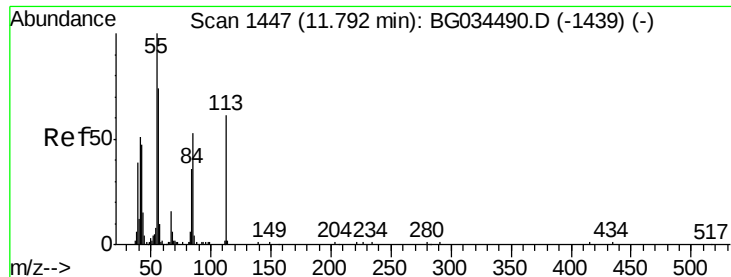
Tot Ion:	127	Resp:	25378
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	34.4	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.92 ng
RT: 11.22 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion:	225	Resp:	129251
Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	65.2	48.1	72.1





#35

Caprolactam

Concen: 24.45 ng

RT: 11.82 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

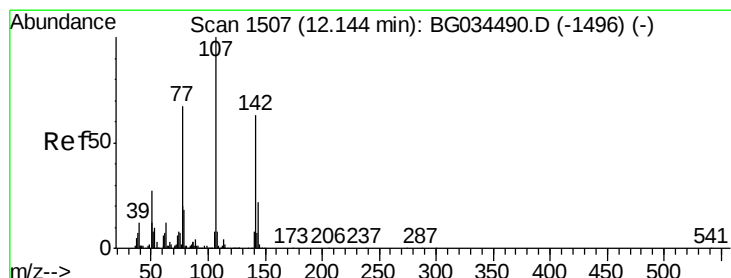
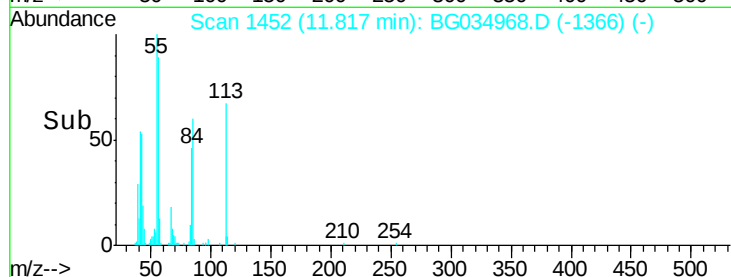
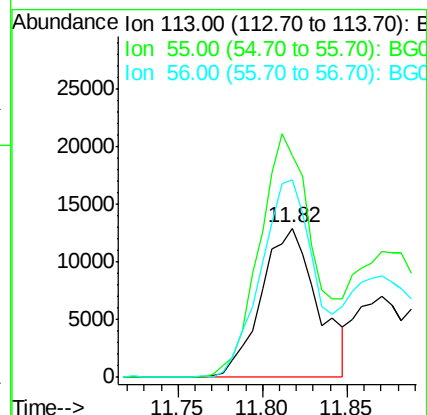
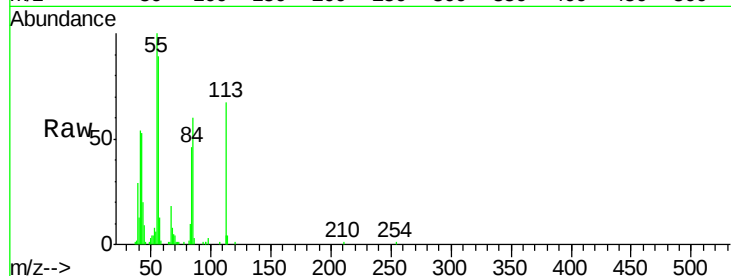
Tot Ion:113 Resp: 29880

Ion Ratio Lower Upper

113 100

55 148.6 186.9 226.9#

56 132.2 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 50.51 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

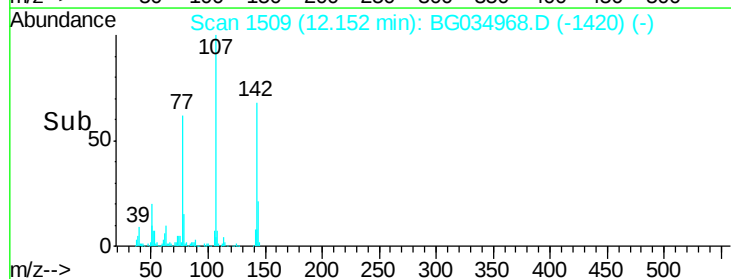
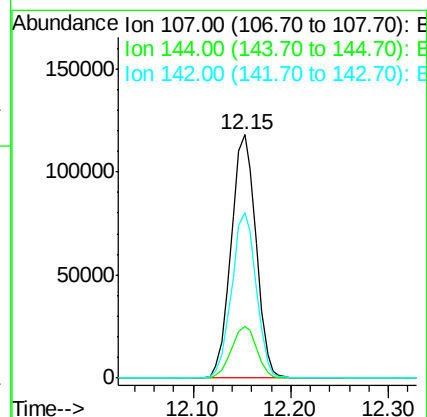
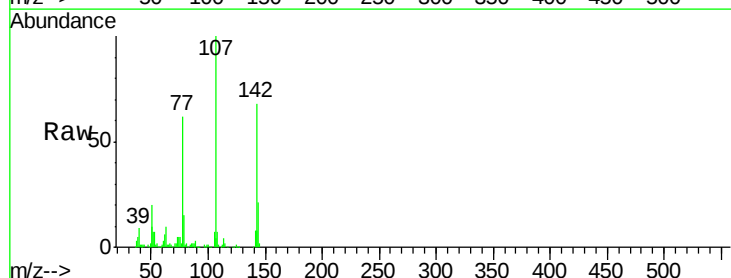
Tgt Ion:107 Resp: 208185

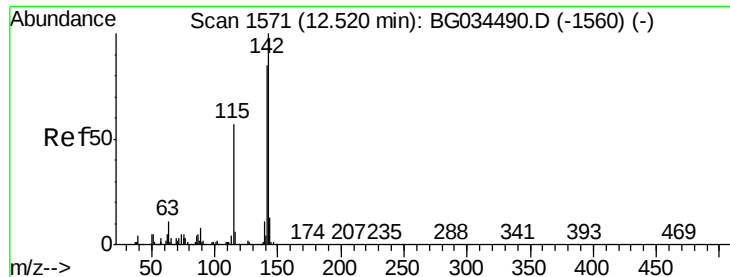
Ion Ratio Lower Upper

107 100

144 21.0 18.2 27.4

142 68.1 59.0 88.4

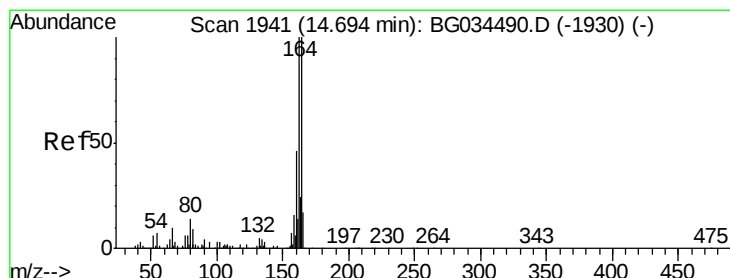
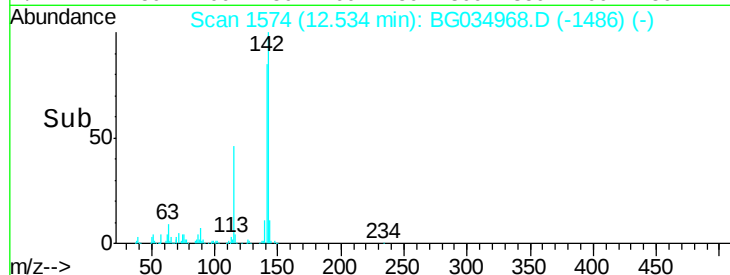
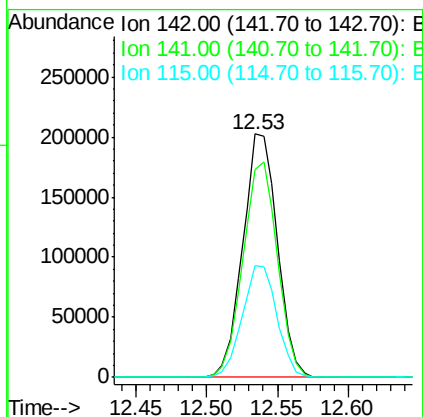
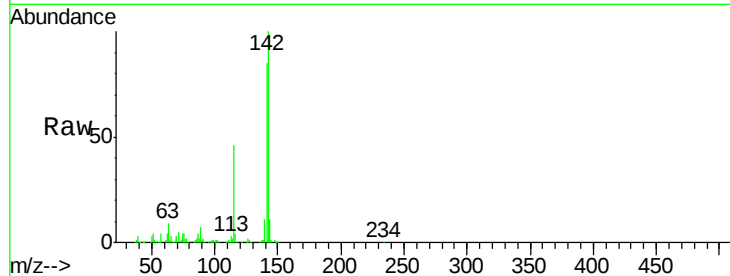




#37
2-Methylnaphthalene
Concen: 45.26 ng
RT: 12.53 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

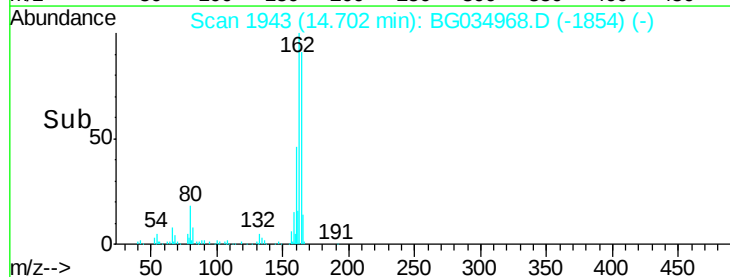
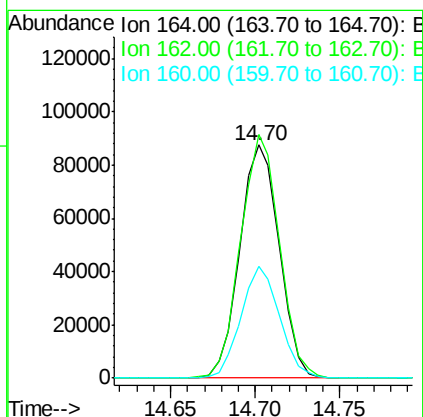
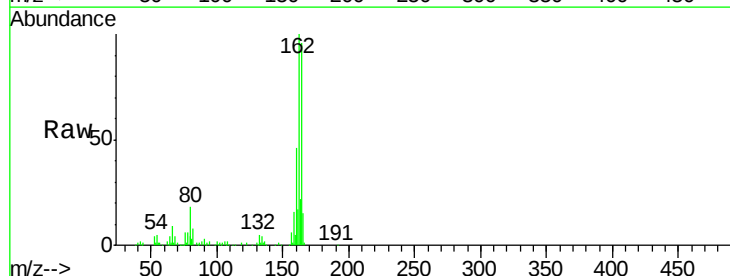
Instrument :
BNA_G
ClientSampleId :
PB110034BL

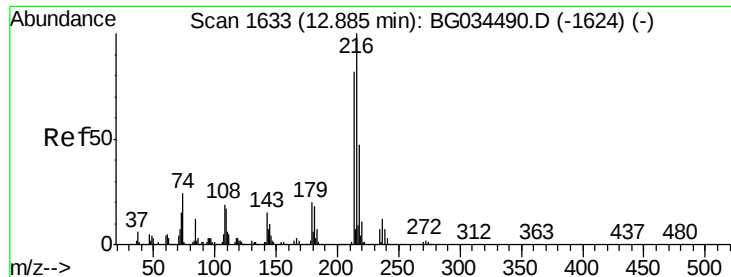
Tot Ion:142 Resp: 347071
Ion Ratio Lower Upper
142 100
141 85.4 67.1 100.7
115 45.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion:164 Resp: 141374
Ion Ratio Lower Upper
164 100
162 104.5 78.8 118.2
160 47.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.10 ng

RT: 12.90 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

Tot Ion:216 Resp: 226979

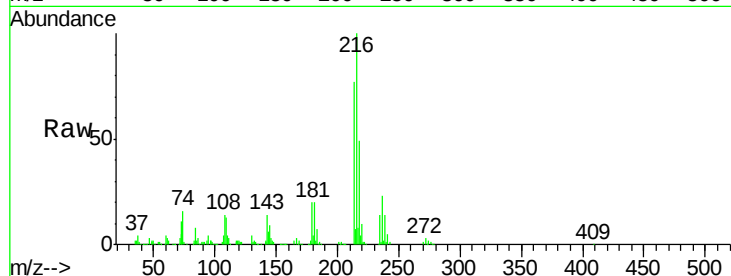
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.8 17.0 25.6

108 18.9 12.8 19.2

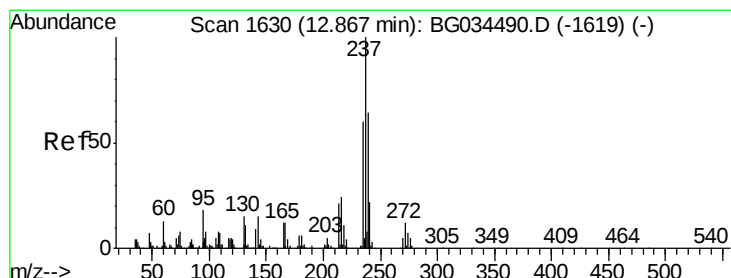
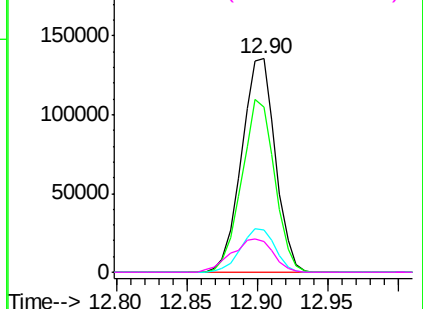
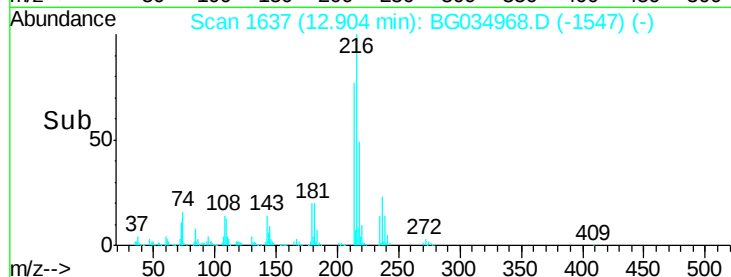


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.46 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

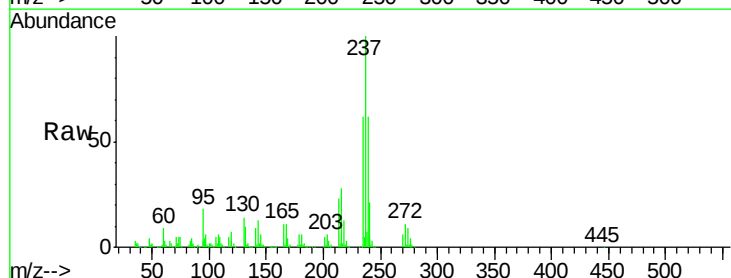
Tgt Ion:237 Resp: 335043

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

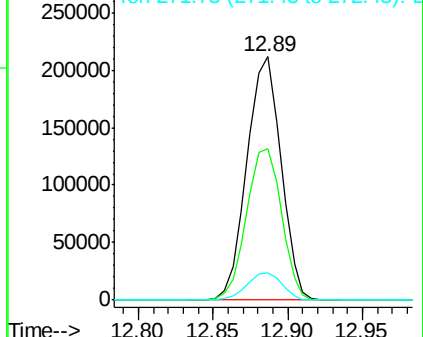
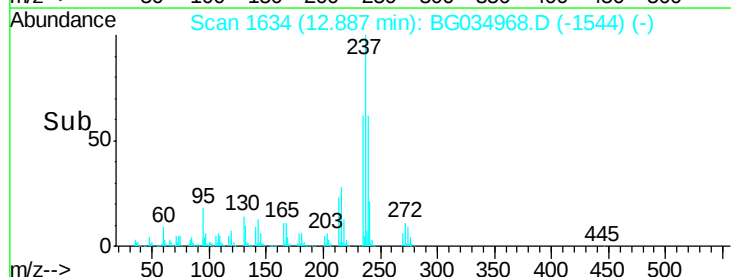
272 11.3 0.0 31.8

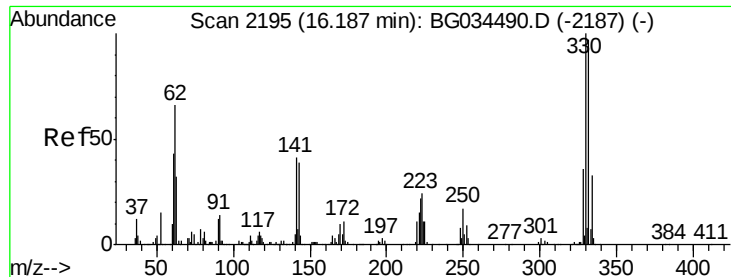


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

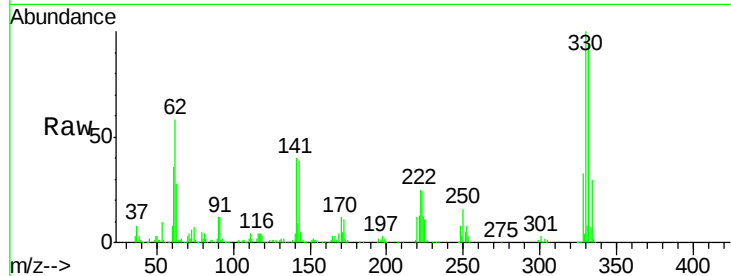




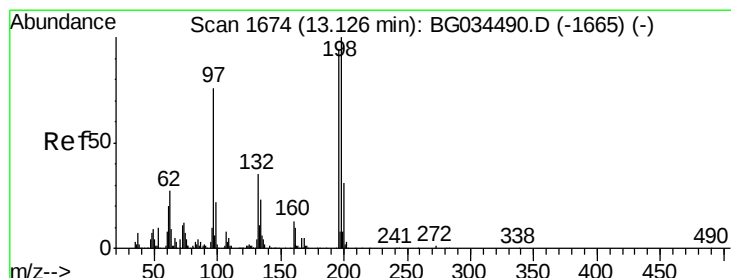
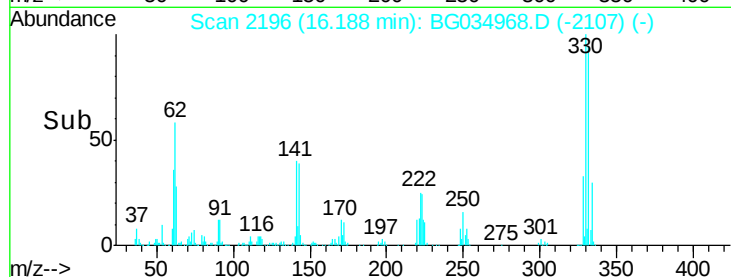
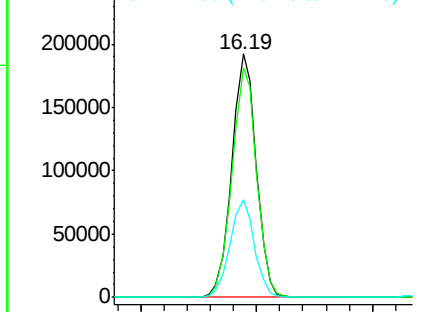
#41
 2,4,6-Tribromophenol
 Concen: 155.20 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

Tot Ion:330 Resp: 280872
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 40.3 25.2 37.8#

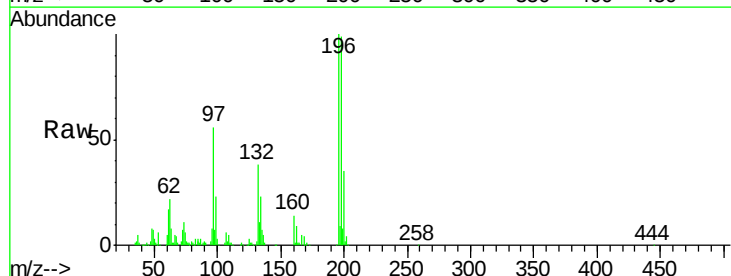


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

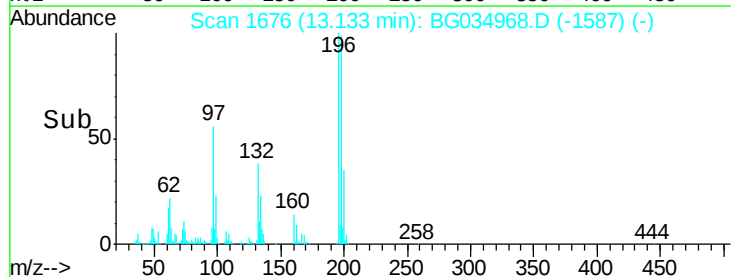
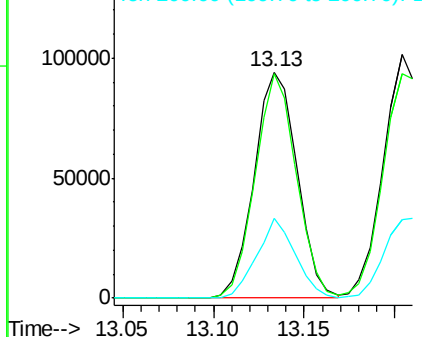


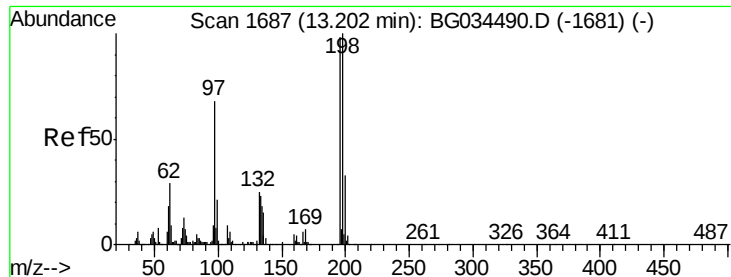
#42
 2,4,6-Trichlorophenol
 Concen: 49.58 ng
 RT: 13.13 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion:196 Resp: 156334
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.2 117.2
 200 35.4 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

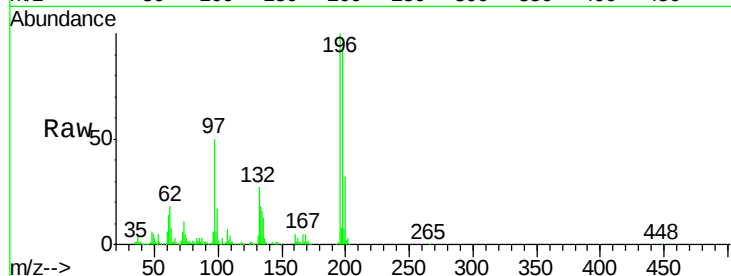




#43
2,4,5-Trichlorophenol
Concen: 47.63 ng
RT: 13.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Instrument :
BNA_G
ClientSampleId :
PB110034BL

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.0	76.2	114.4
97	50.3	38.7	58.1
132	27.4	20.2	30.2



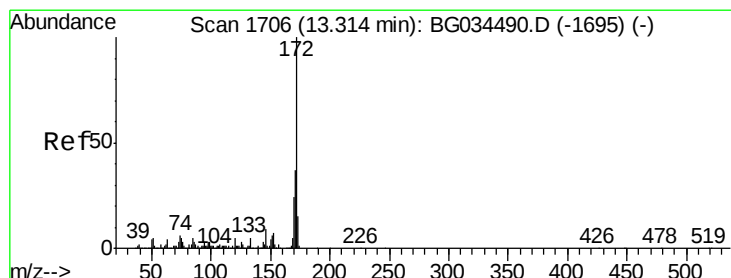
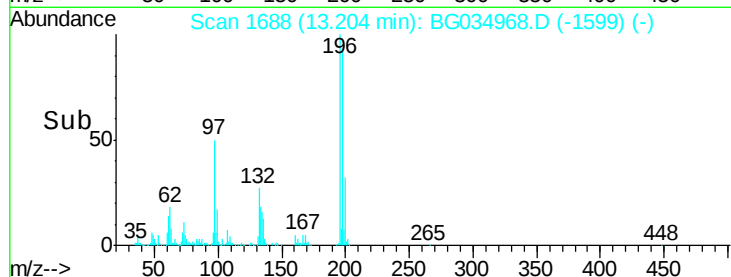
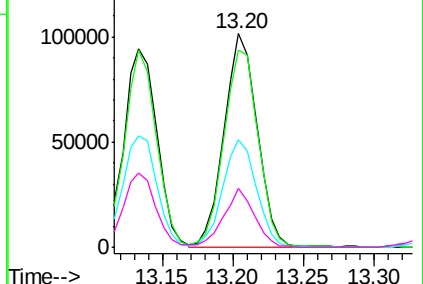
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

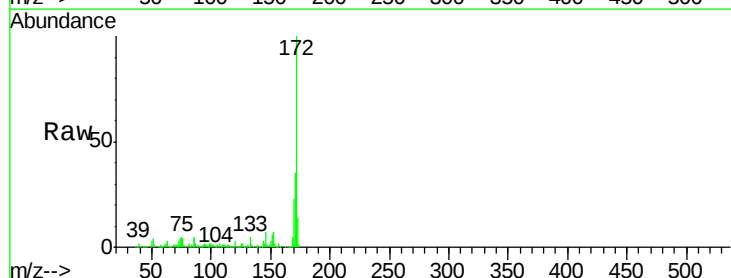
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.64 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.5	19.5	29.3

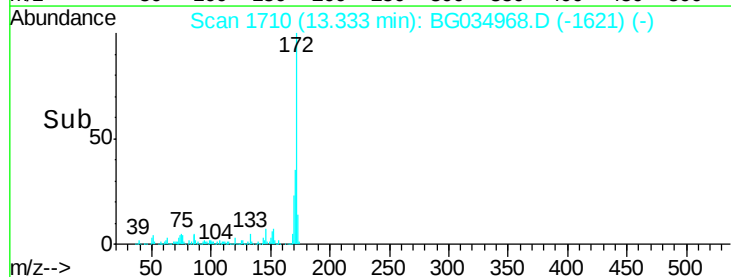
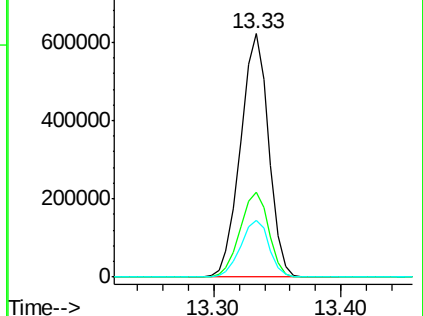


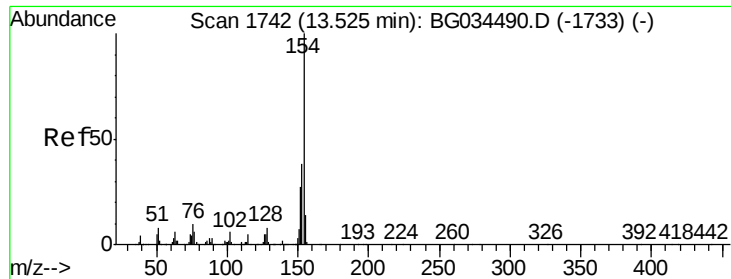
Abundance

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

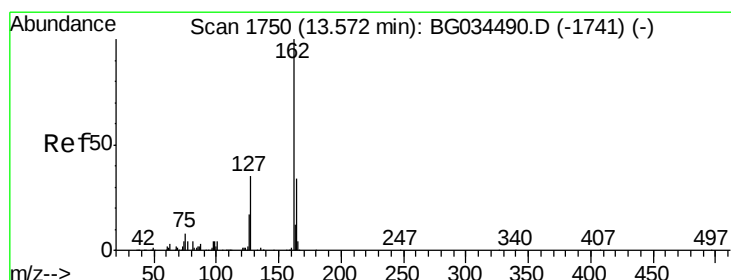
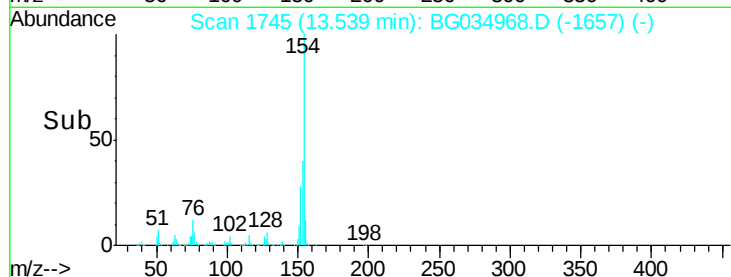
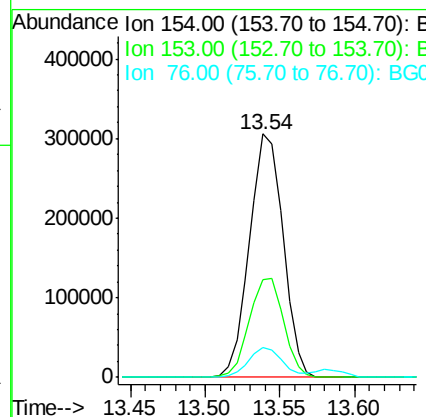
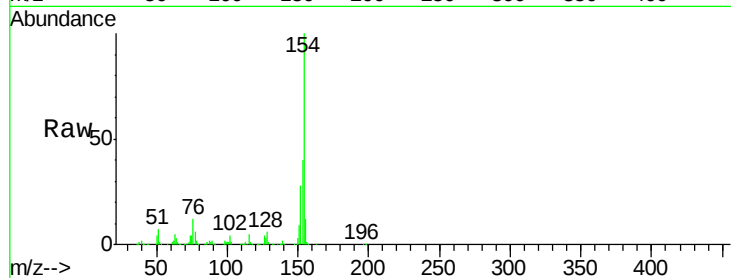




#45
 1,1'-Biphenyl
 Concen: 41.87 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

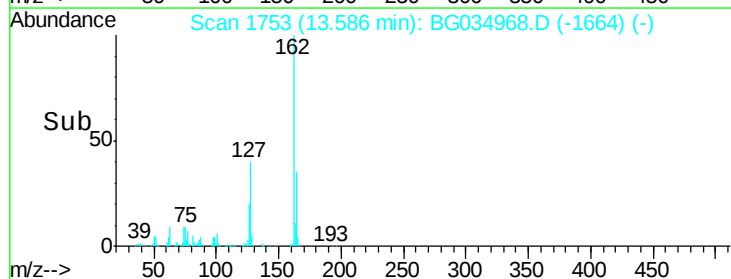
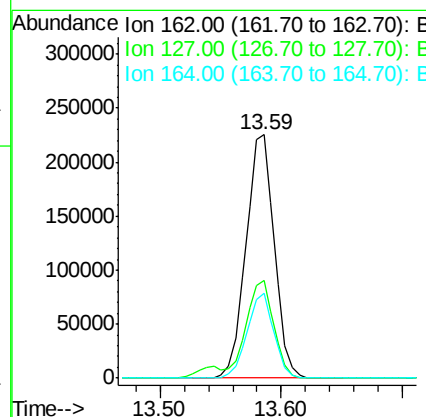
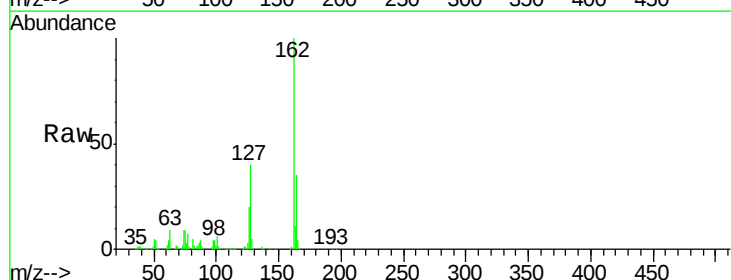
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

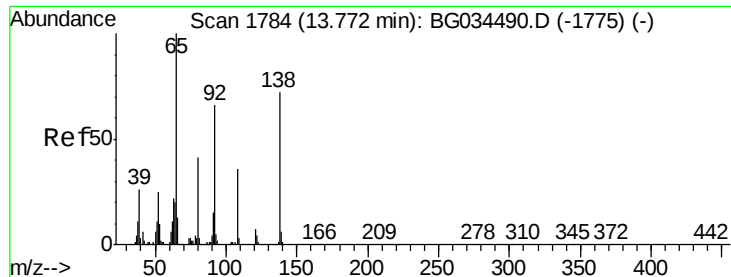
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.8	59.8
76	12.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.76 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	34.7	26.0	39.0





#47

2-Nitroaniline

Concen: 50.66 ng

RT: 13.78 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

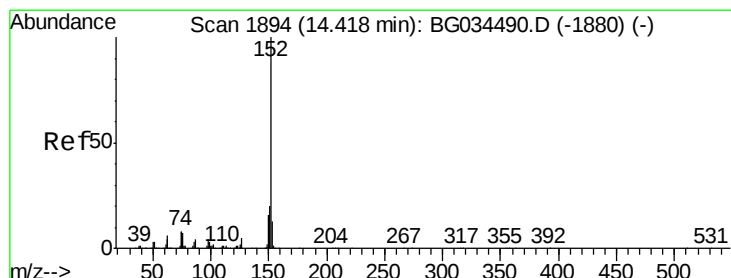
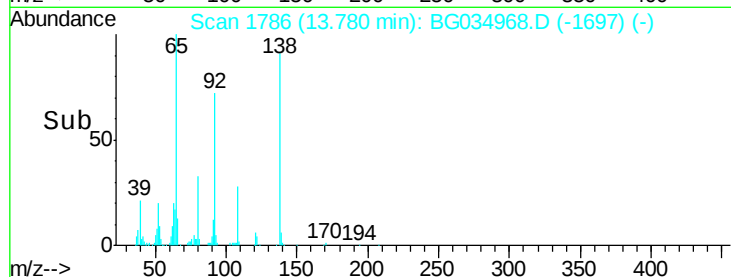
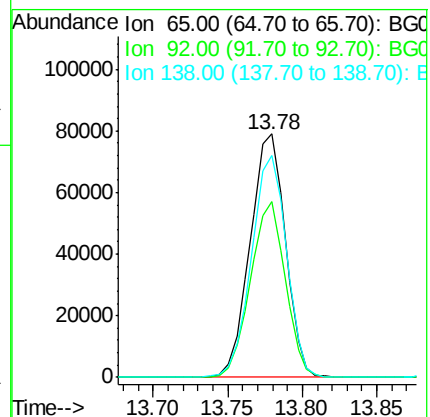
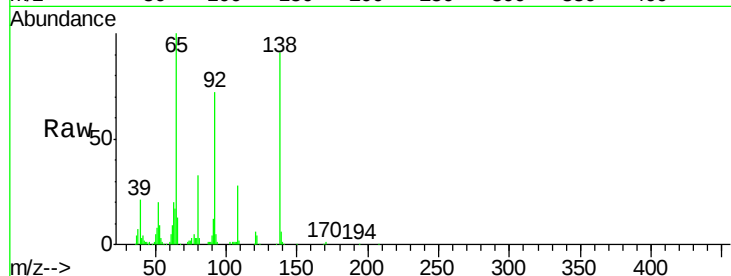
Tot Ion: 65 Resp: 128566

Ion Ratio Lower Upper

65 100

92 72.0 54.6 82.0

138 91.3 72.9 109.3



#48

Acenaphthylene

Concen: 43.46 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

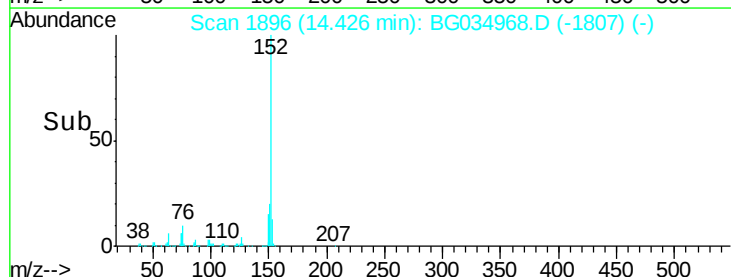
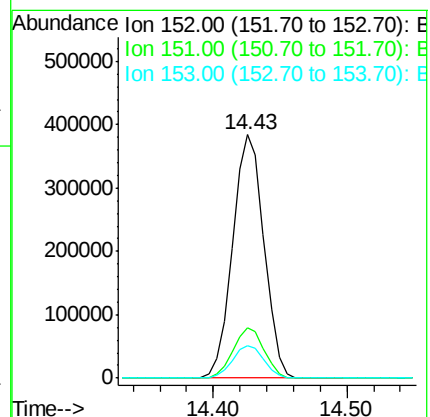
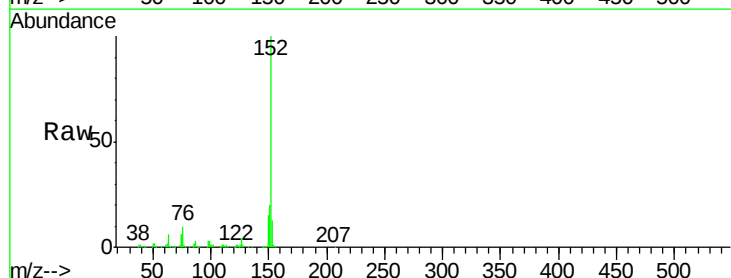
Tgt Ion: 152 Resp: 626334

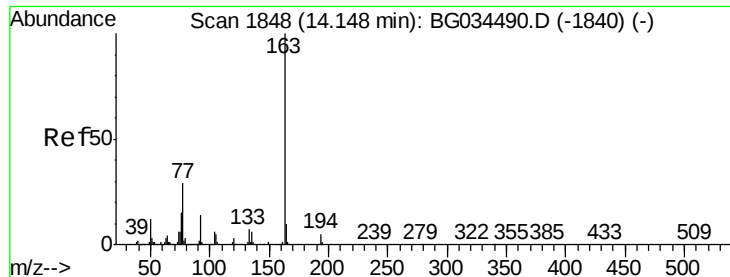
Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 42.09 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

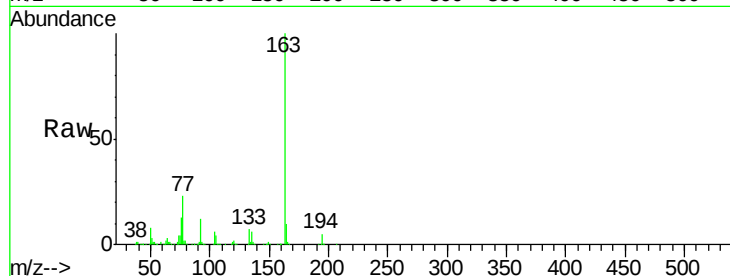
Tot Ion:163 Resp: 518911

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

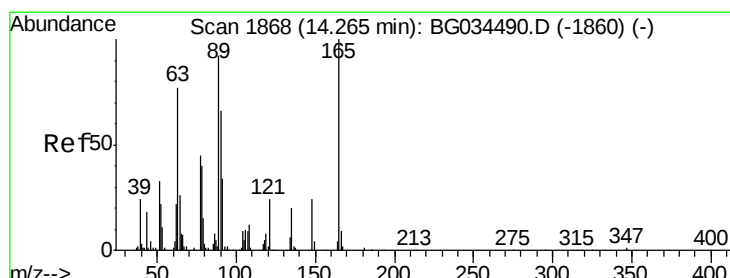
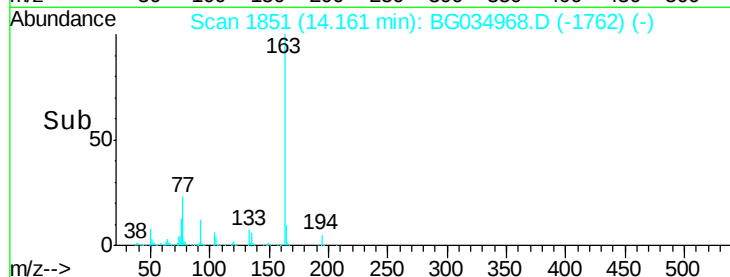
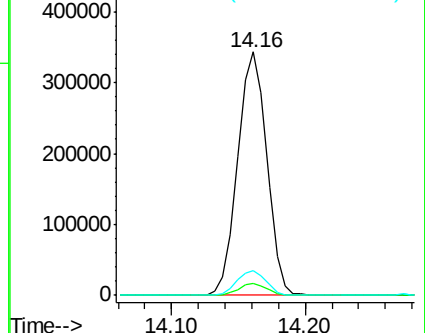
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.18 ng

RT: 14.27 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

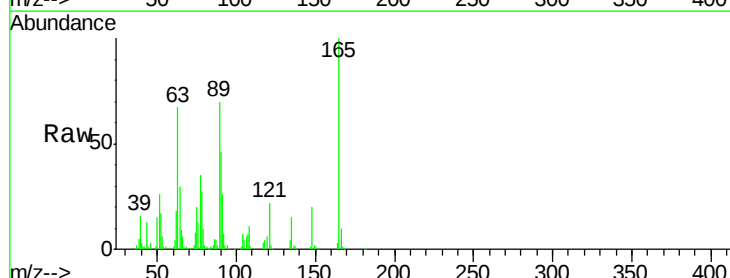
Tgt Ion:165 Resp: 110610

Ion Ratio Lower Upper

165 100

63 67.2 52.7 79.1

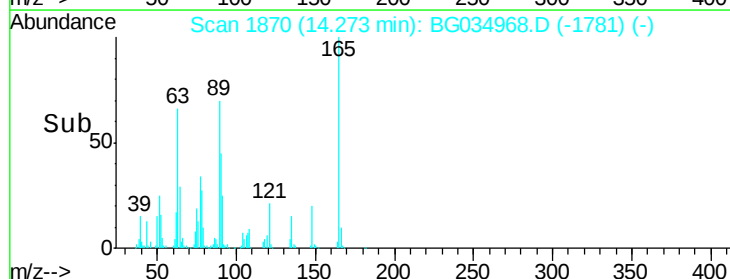
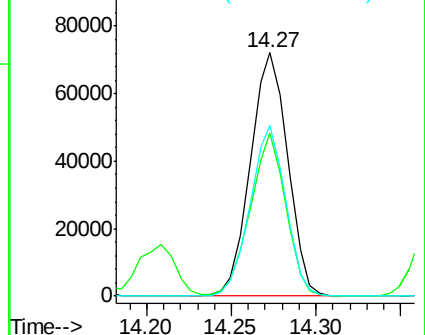
89 70.1 49.2 73.8

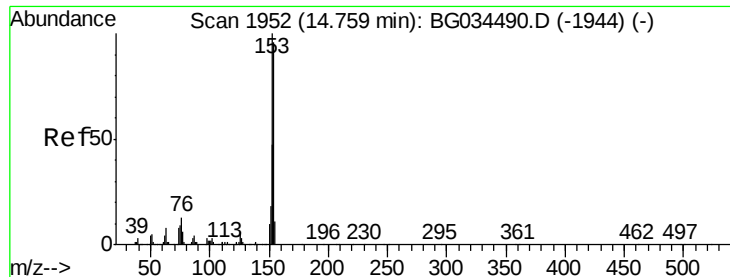


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.51 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

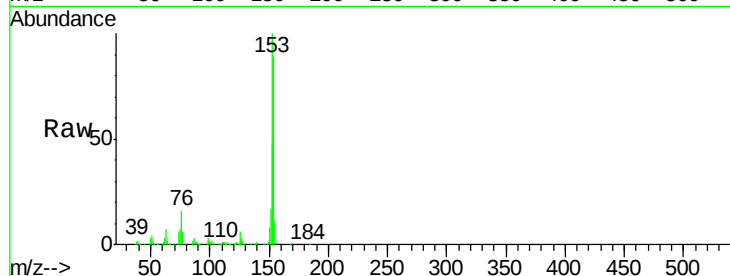
Tot Ion:154 Resp: 390841

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

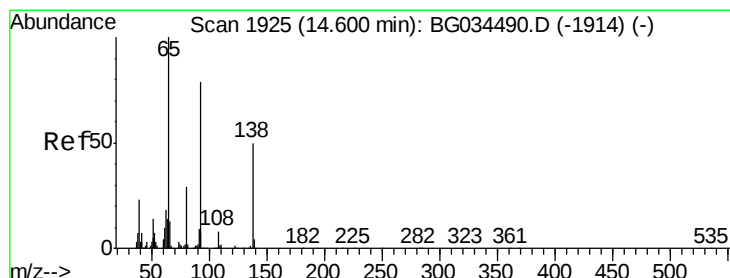
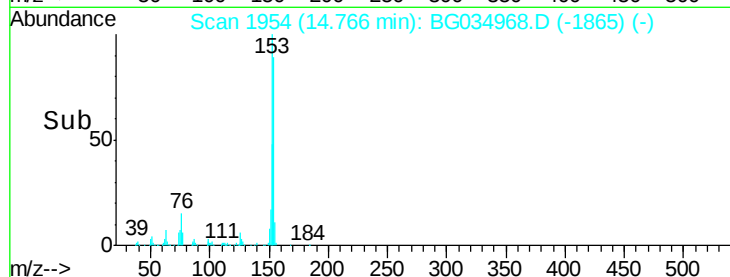
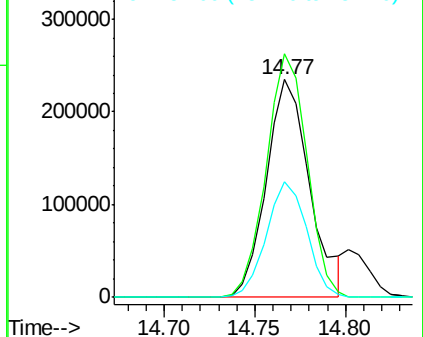
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.42 ng

RT: 14.60 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

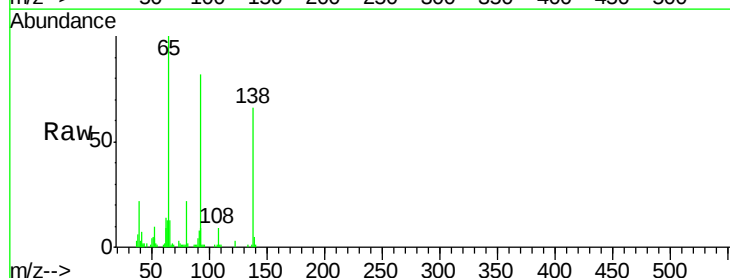
Tgt Ion:138 Resp: 29626

Ion Ratio Lower Upper

138 100

108 13.4 17.5 26.3#

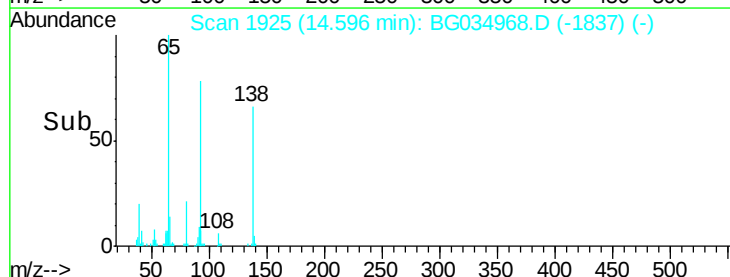
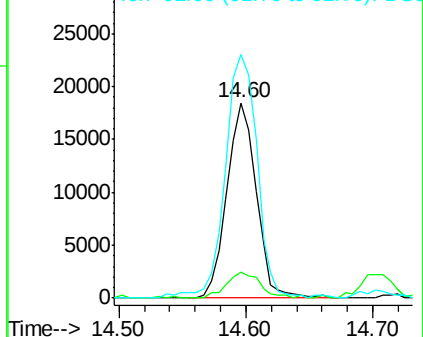
92 124.8 105.8 158.8

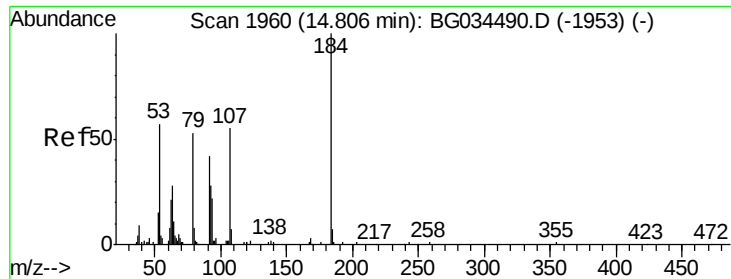


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 119.27 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

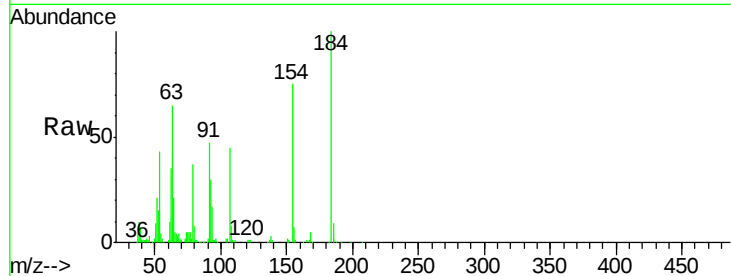
Tot Ion:184 Resp: 108564

Ion Ratio Lower Upper

184 100

63 65.3 59.8 89.8

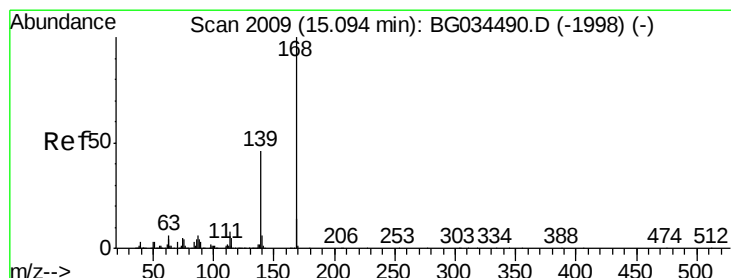
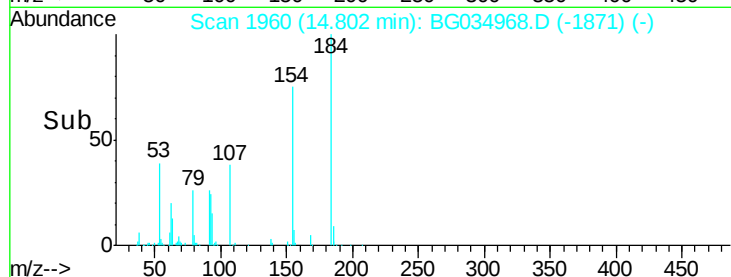
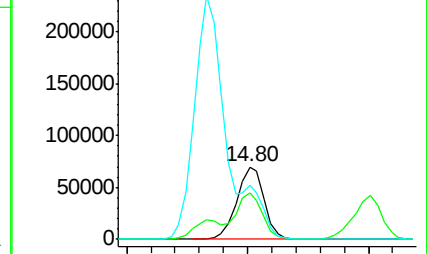
154 74.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.35 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

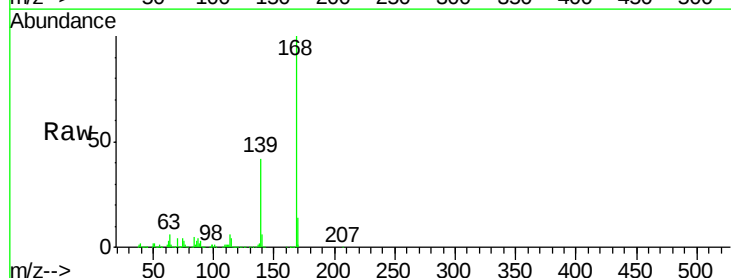
Tgt Ion:168 Resp: 597310

Ion Ratio Lower Upper

168 100

139 42.2 28.6 43.0

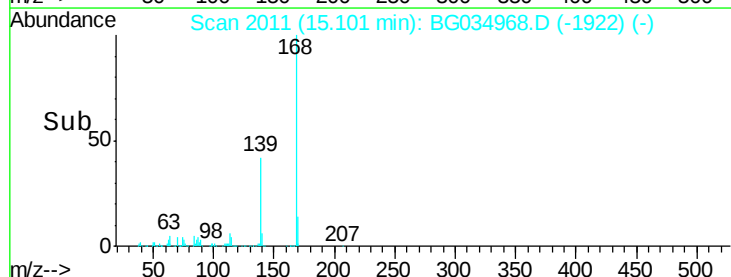
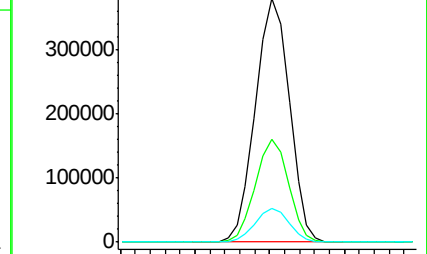
169 13.8 11.2 16.8

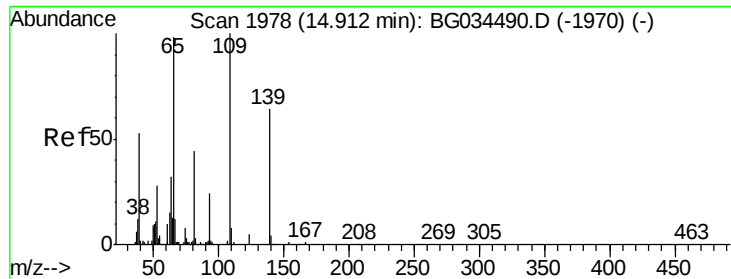


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 98.48 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

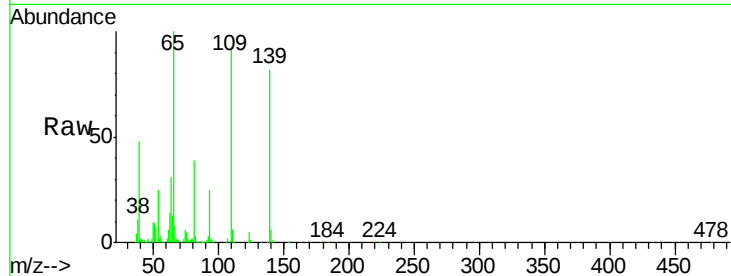
Tot Ion:139 Resp: 183419

Ion Ratio Lower Upper

139 100

109 113.8 62.2 102.2#

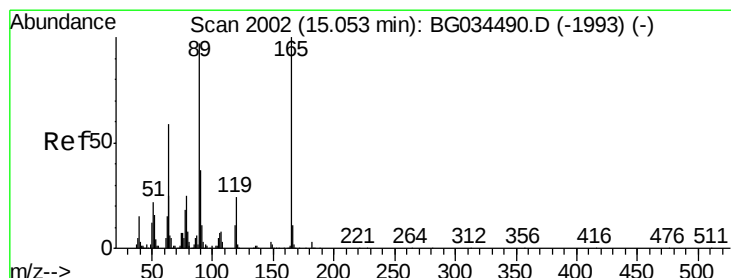
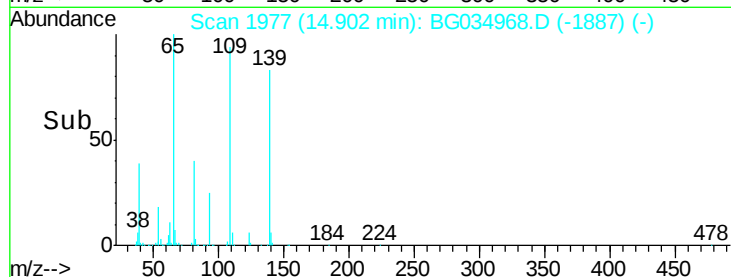
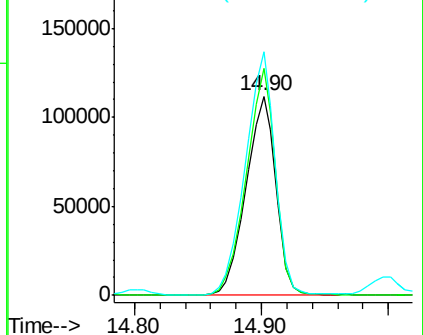
65 122.3 97.2 137.2



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: 53.48 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Tgt Ion:165 Resp: 159784

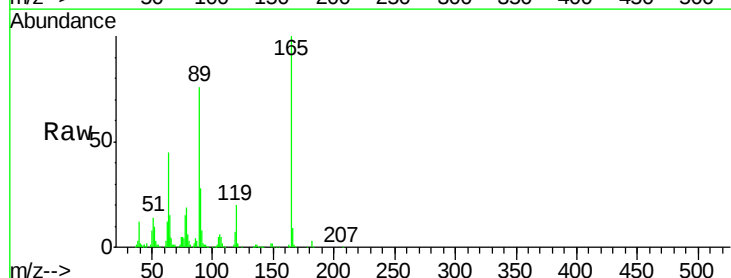
Ion Ratio Lower Upper

165 100

63 44.5 42.0 63.0

89 76.0 66.9 100.3

182 2.7 2.6 3.8

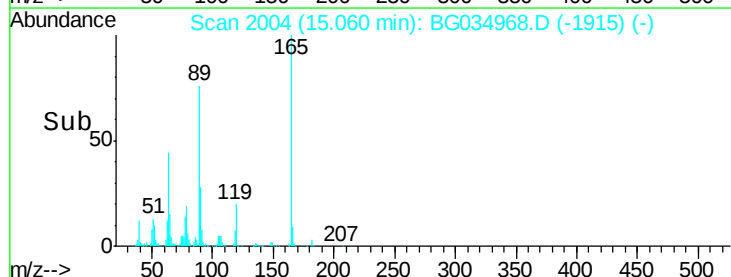
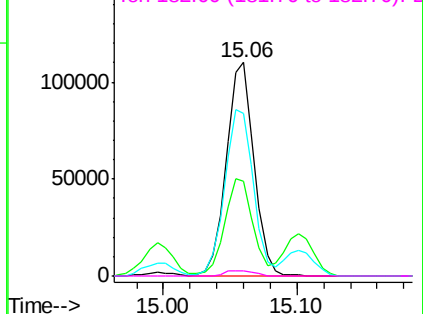


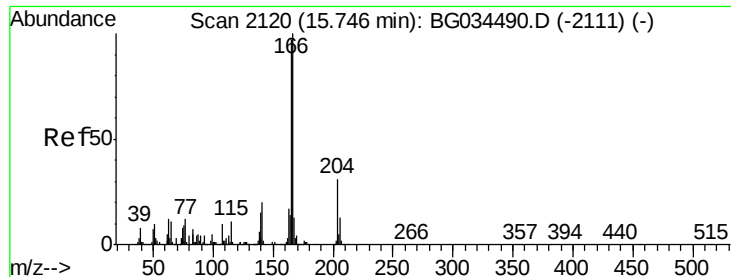
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

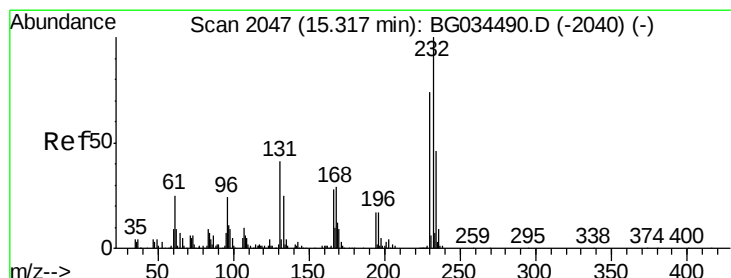
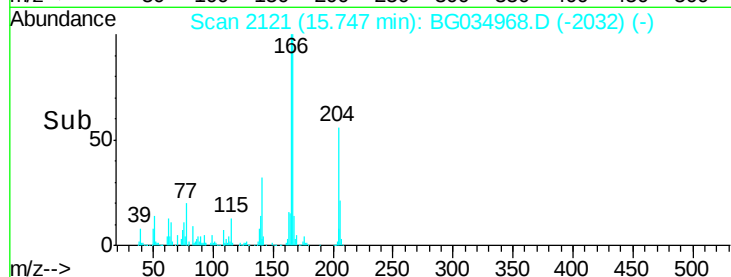
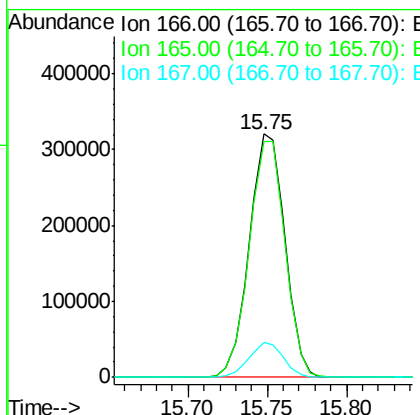
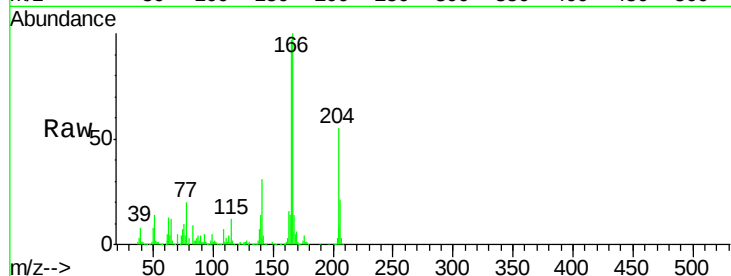




#57
 Fluorene
 Concen: 42.46 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

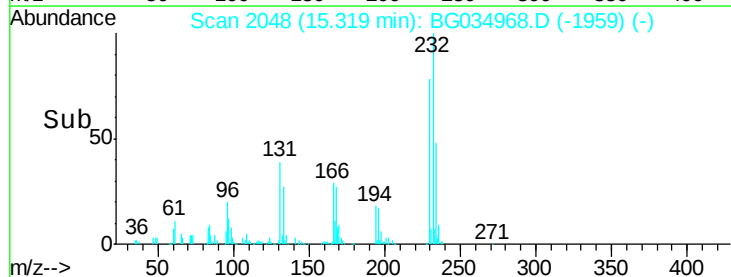
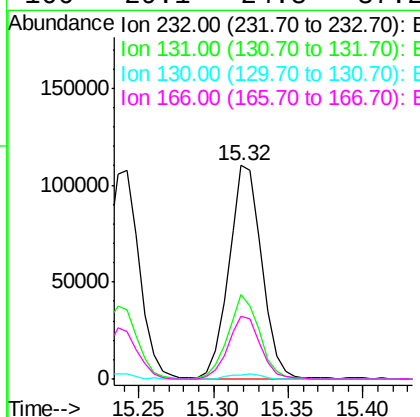
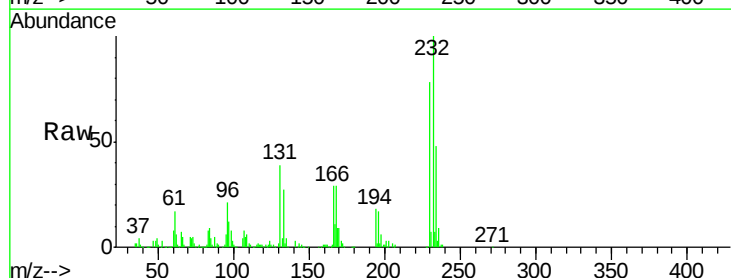
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

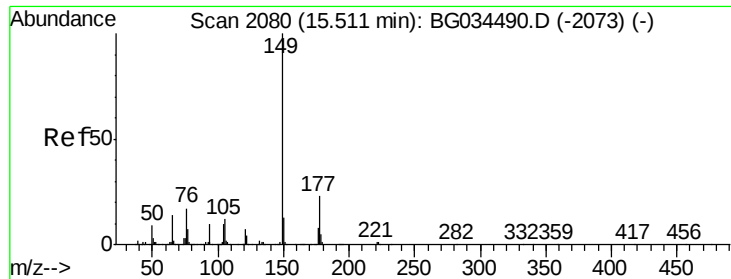
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.1	80.6	121.0
167	14.4	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.09 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.1	33.5	50.3
130	2.2	2.2	3.2
166	29.1	24.8	37.2

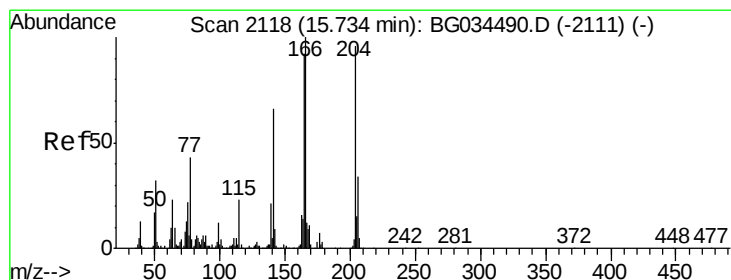
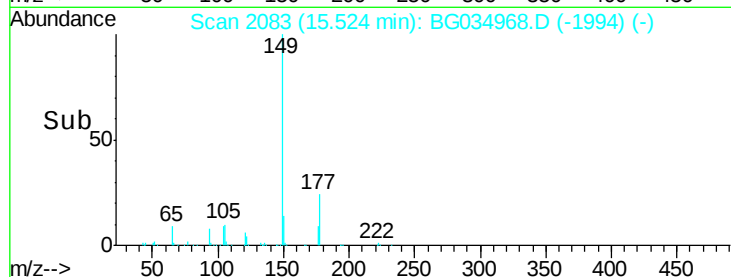
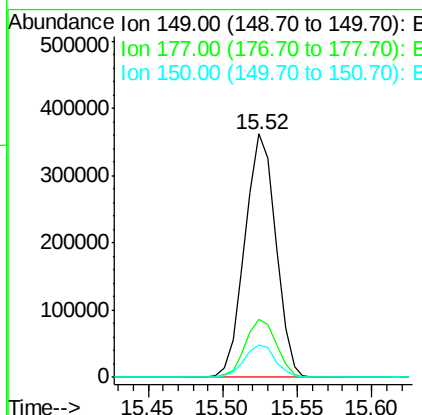
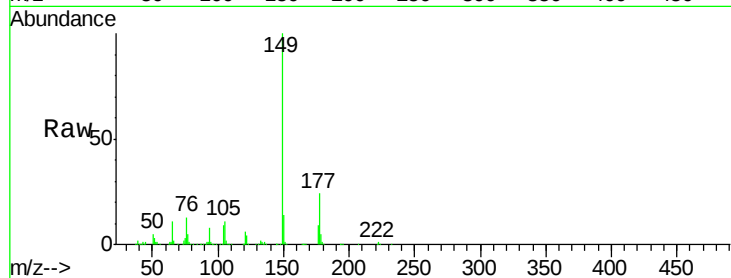




#59
Diethylphthalate
Concen: 41.25 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

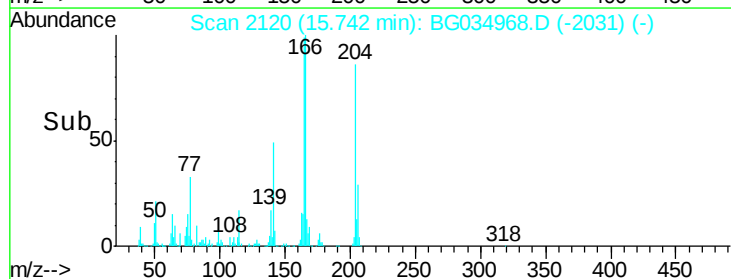
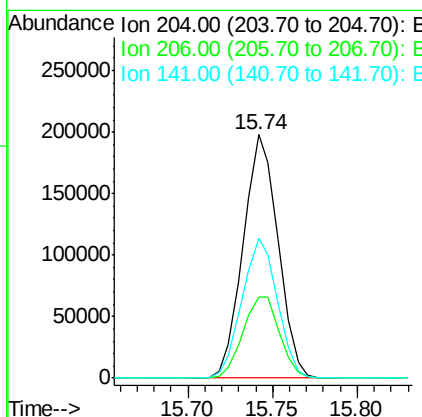
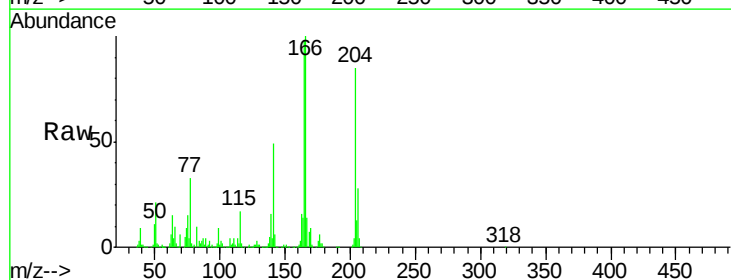
Instrument :
BNA_G
ClientSampleId :
PB110034BL

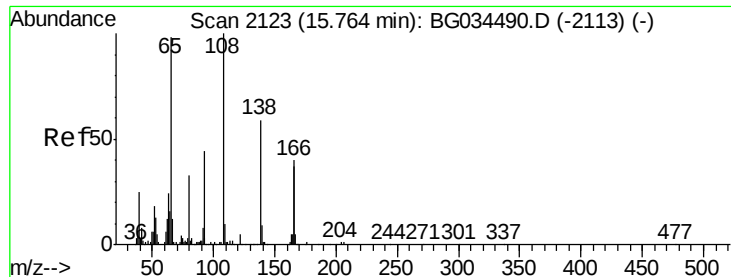
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.27 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	57.5	45.8	68.6





#61

4-Nitroaniline

Concen: 46.37 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

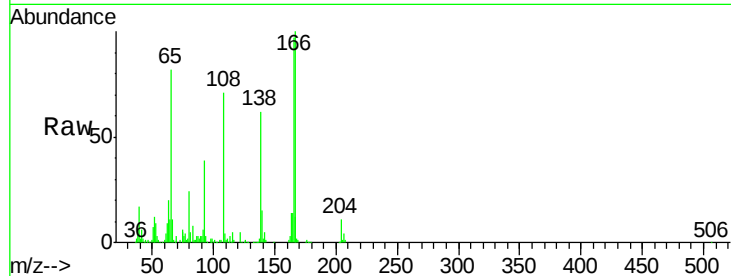
Tot Ion:138 Resp: 109749

Ion Ratio Lower Upper

138 100

92 63.8 40.1 80.1

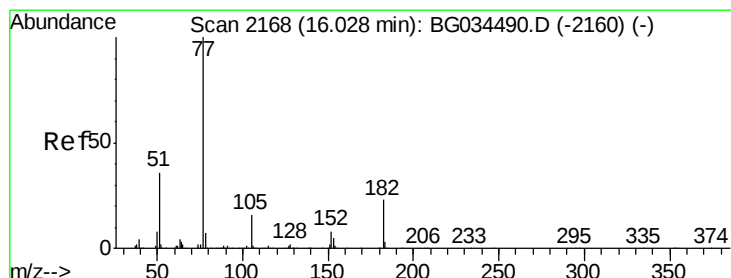
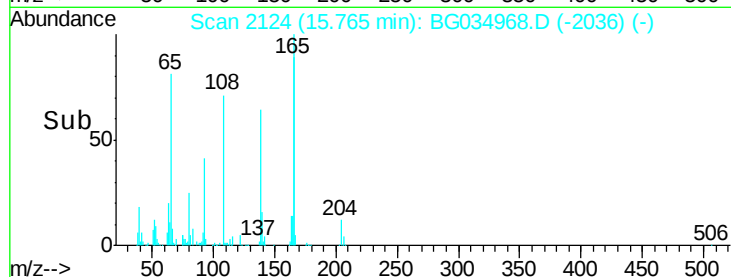
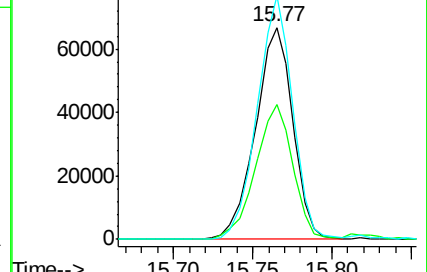
108 114.8 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.14 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Tgt Ion: 77 Resp: 544035

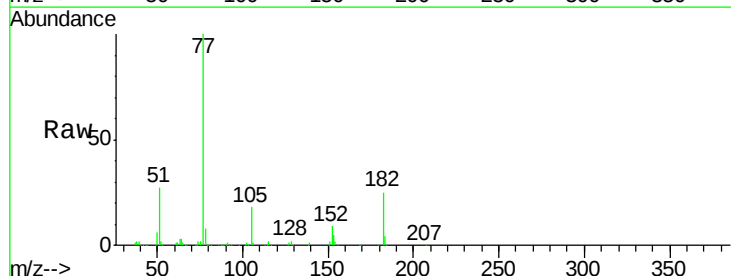
Ion Ratio Lower Upper

77 100

182 24.8 7.4 47.4

105 18.5 0.3 40.3

51 26.7 11.6 51.6

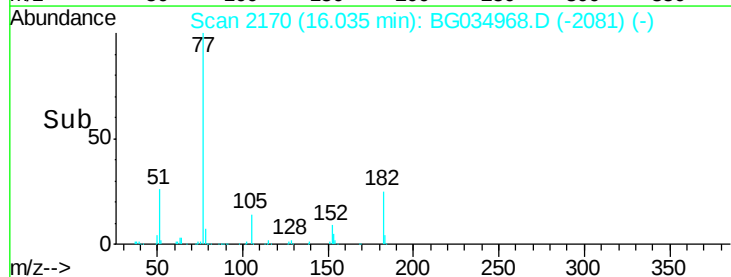
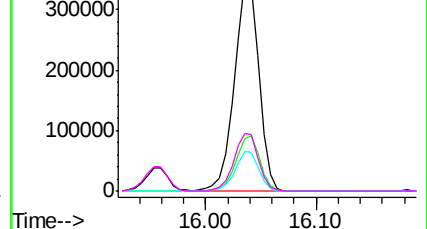


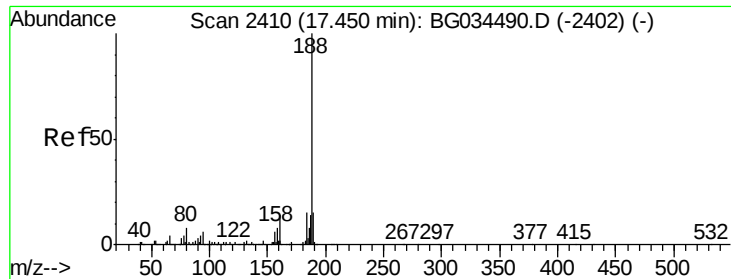
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

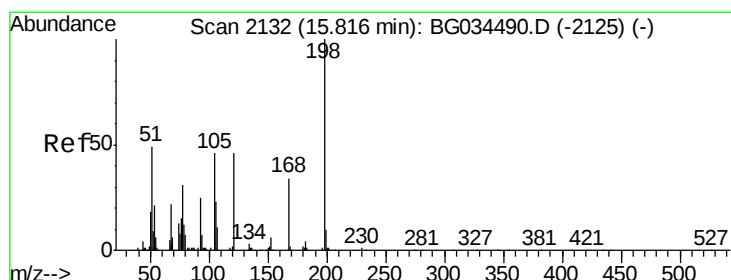
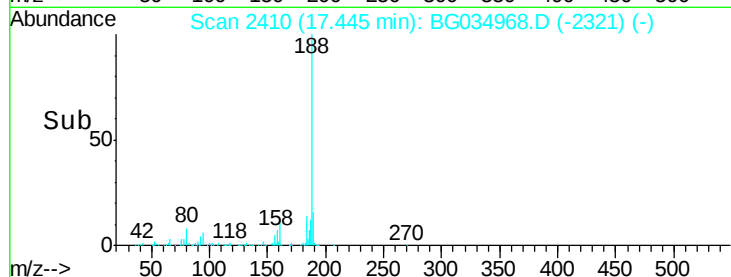
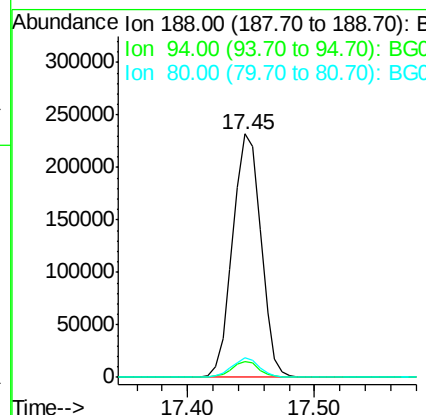
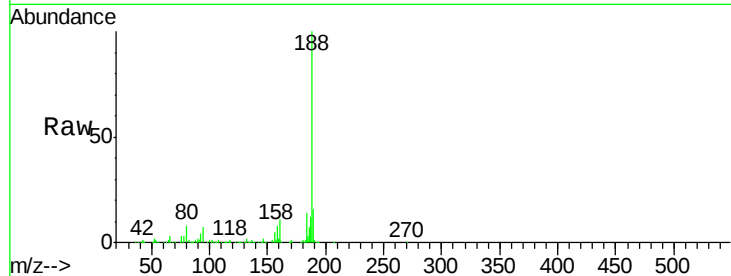




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

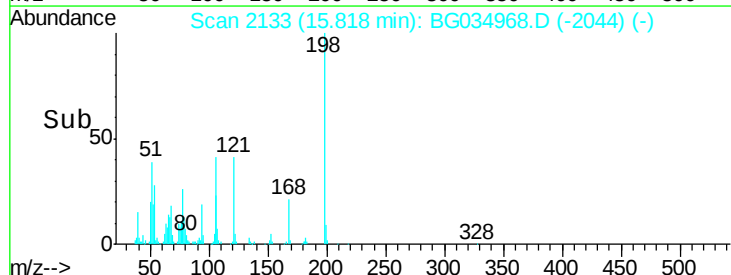
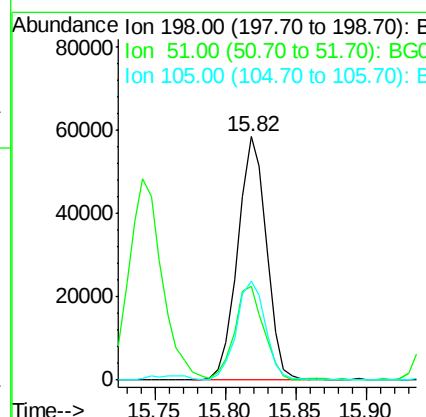
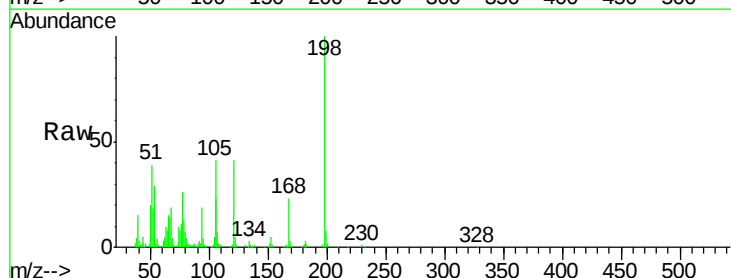
Instrument :
BNA_G
ClientSampleId :
PB110034BL

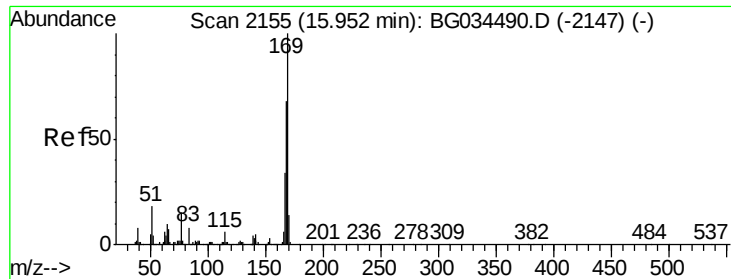
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.2	7.7	11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 50.91 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.6	30.6	70.6
105	40.9	23.8	63.8

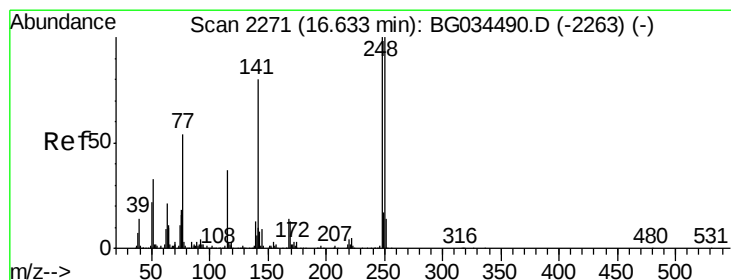
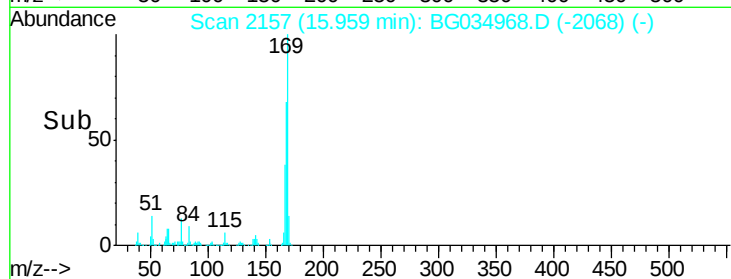
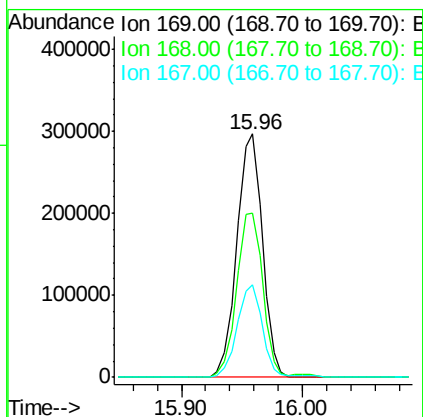
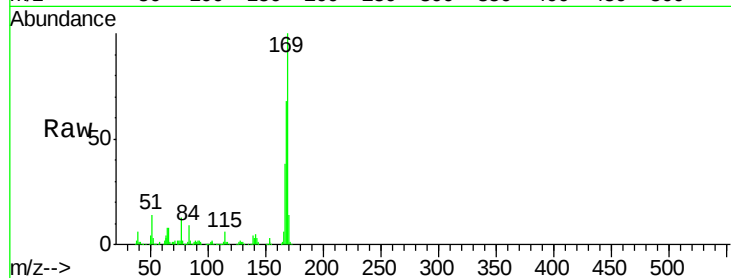




#65
 n-Nitrosodiphenylamine
 Concen: 41.04 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

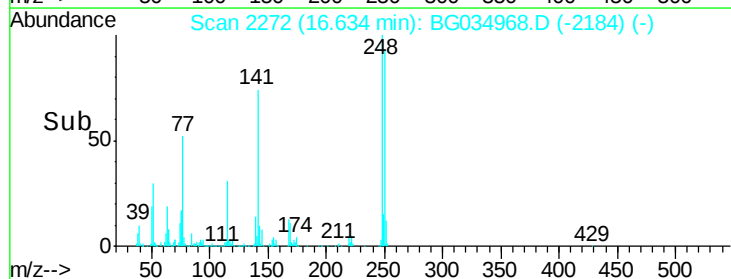
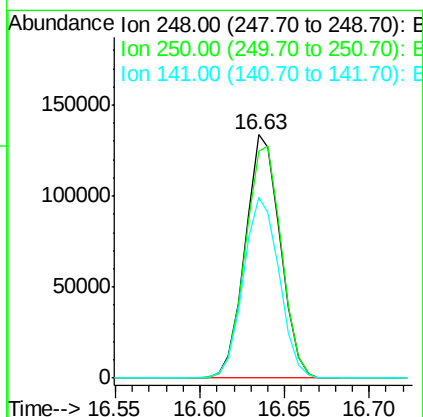
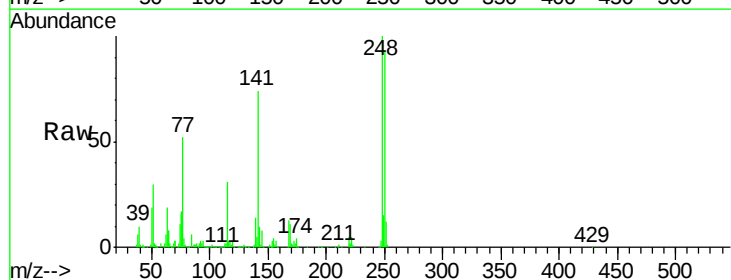
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

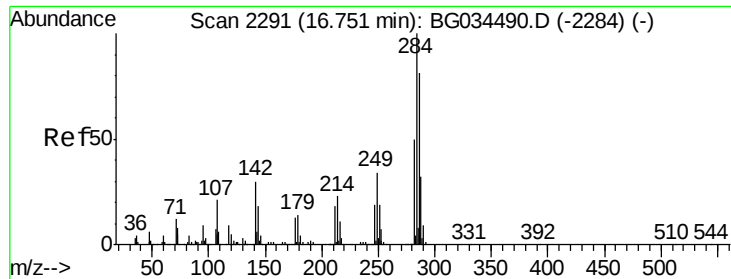
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.7	83.5
167	38.0	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 44.69 ng
 RT: 16.63 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.1	115.7
141	74.5	50.8	76.2

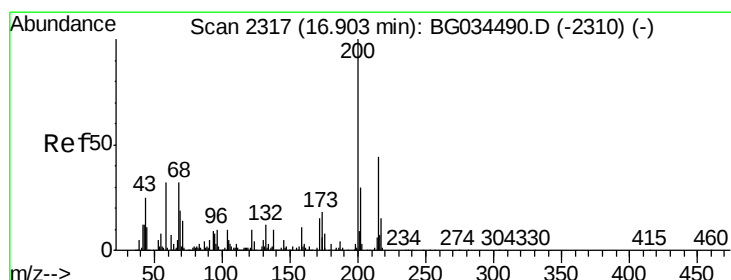
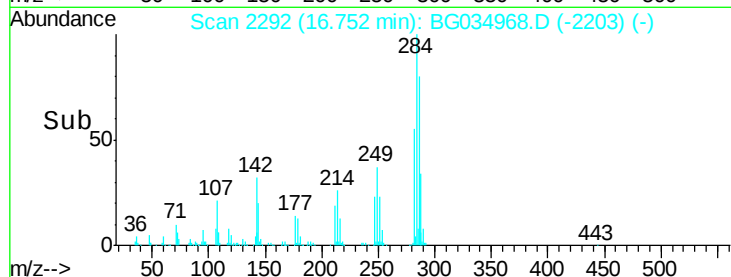
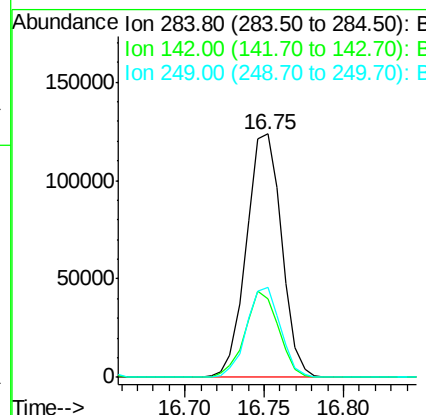
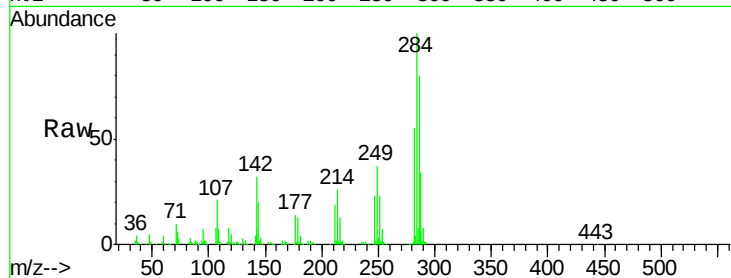




#67
Hexachlorobenzene
Concen: 43.50 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

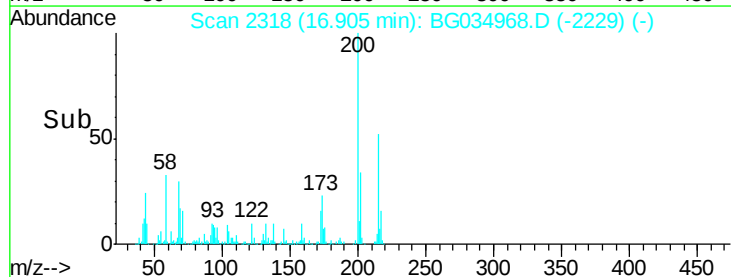
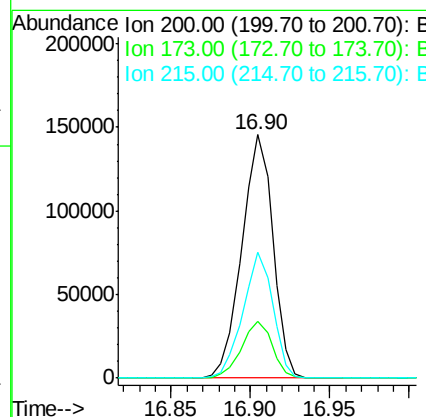
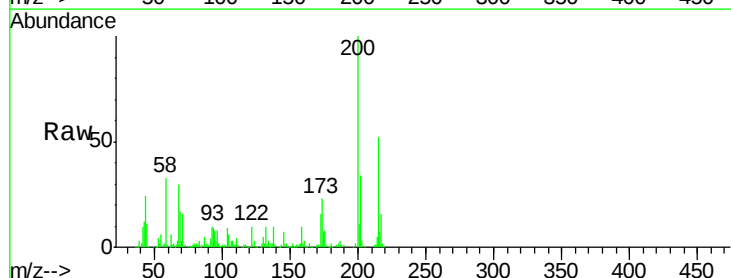
Instrument :
BNA_G
ClientSampleId :
PB110034BL

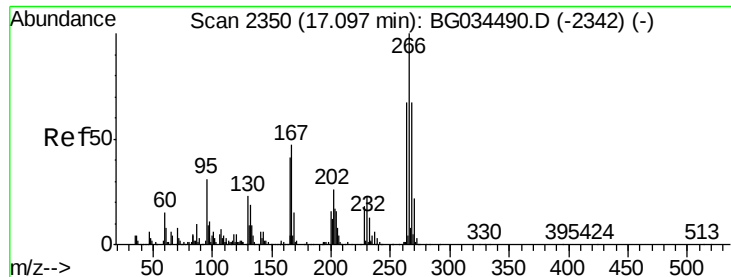
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.8	40.2
249	36.7	26.3	39.5



#68
Atrazine
Concen: 43.28 ng
RT: 16.90 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	51.7	30.4	70.4





#69

Pentachlorophenol

Concen: 81.23 ng

RT: 17.09 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

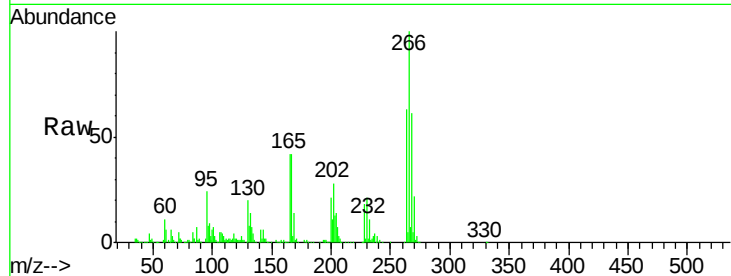
Tot Ion:266 Resp: 239127

Ion Ratio Lower Upper

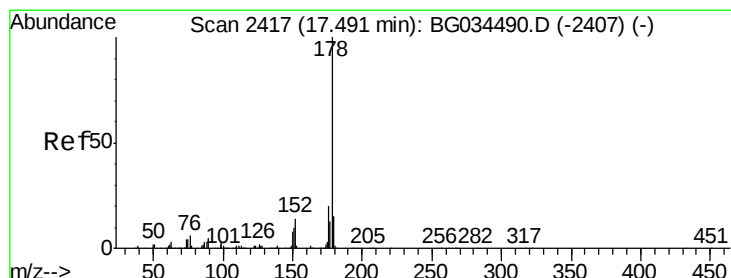
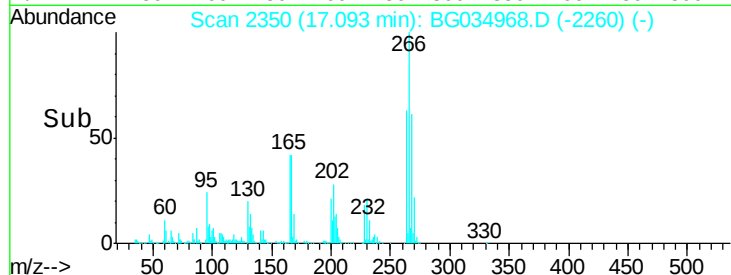
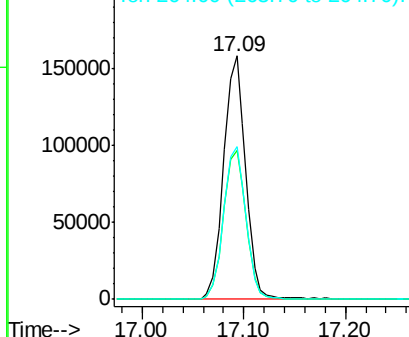
266 100

268 61.3 51.1 76.7

264 62.8 49.6 74.4



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



#70

Phenanthrene

Concen: 43.95 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

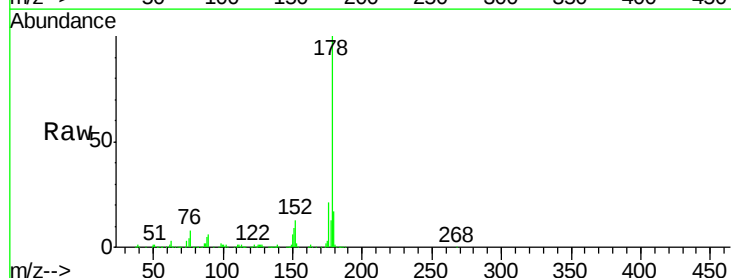
Tgt Ion:178 Resp: 797311

Ion Ratio Lower Upper

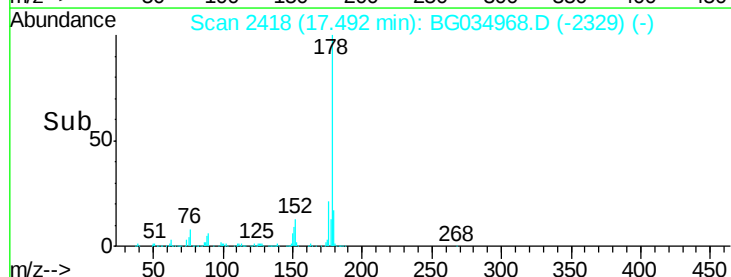
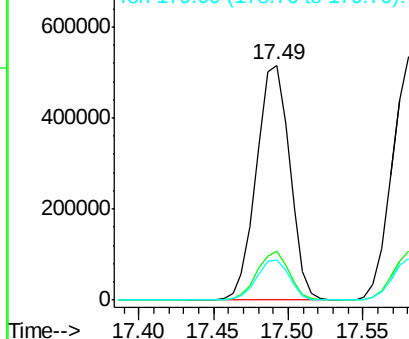
178 100

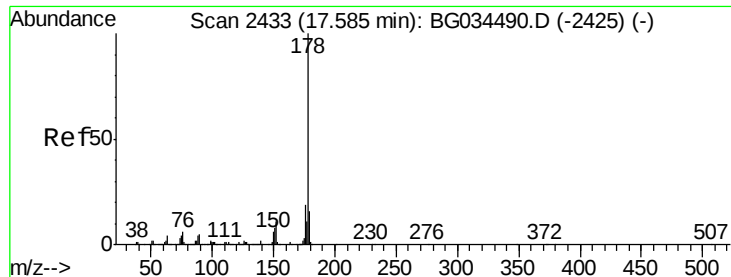
176 20.9 15.7 23.5

179 17.1 12.5 18.7



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

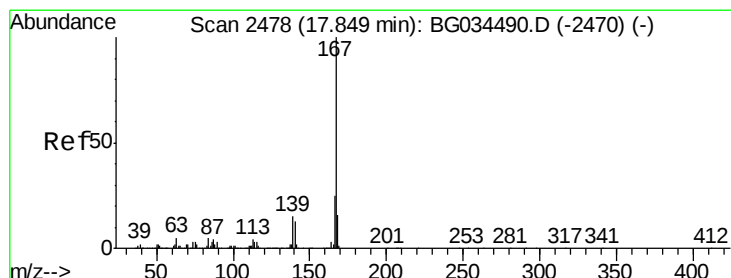
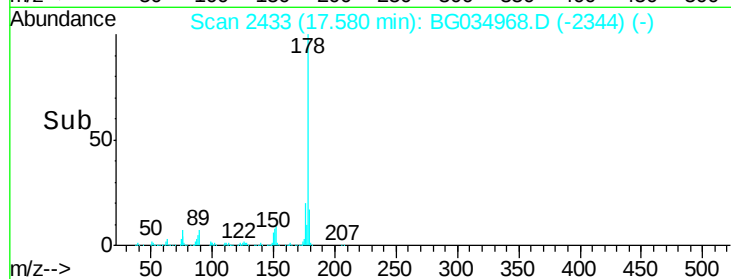
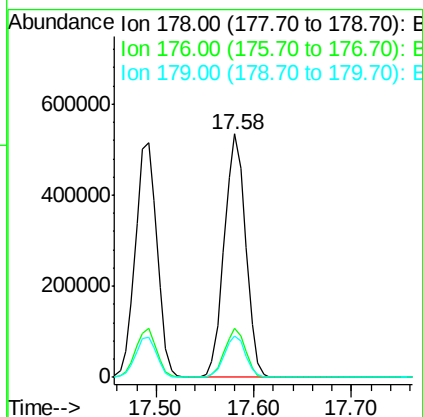
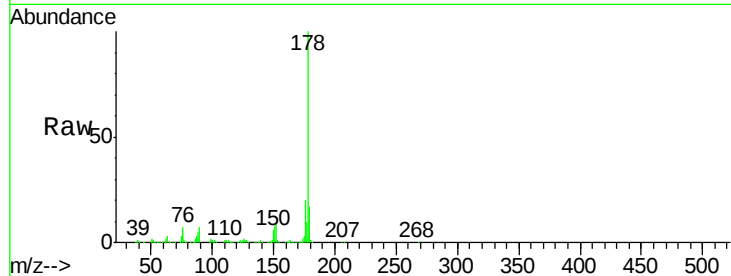




#71
 Anthracene
 Concen: 44.72 ng
 RT: 17.58 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

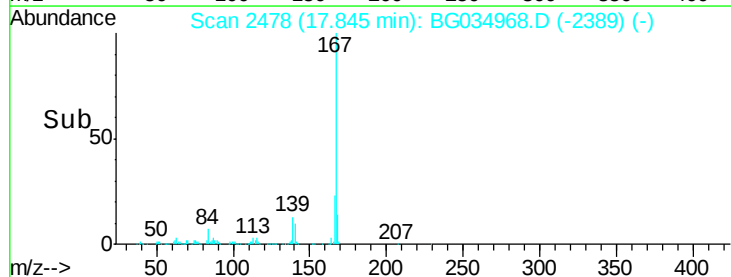
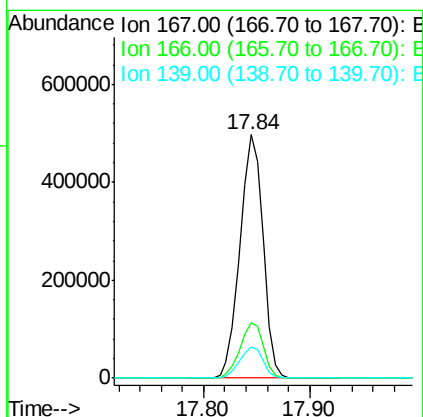
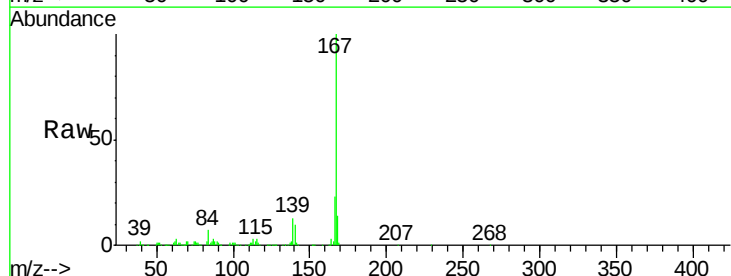
Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

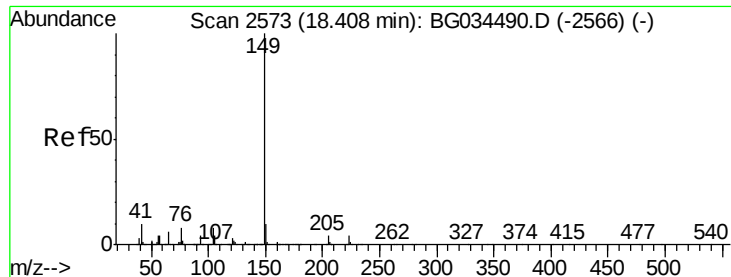
Tot Ion:178 Resp: 812717
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 44.35 ng
 RT: 17.84 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion:167 Resp: 747809
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.1 9.4 14.2

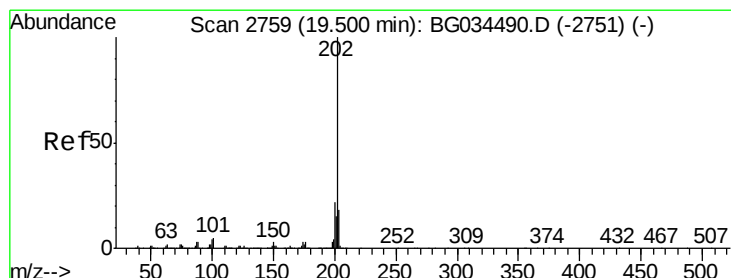
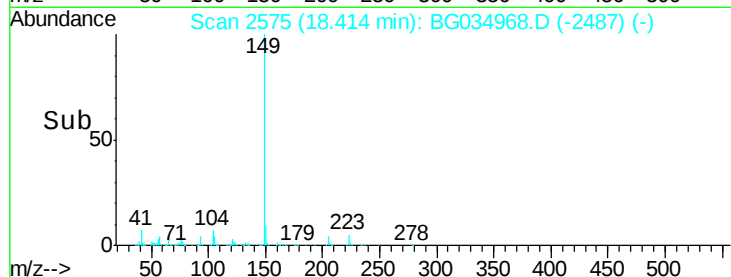
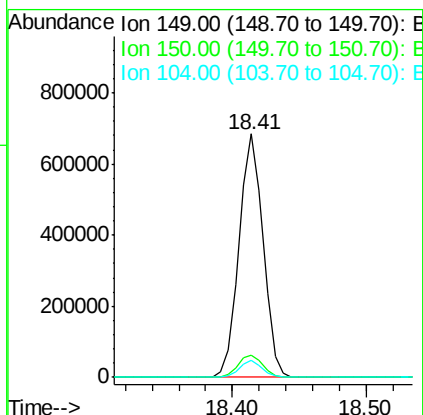
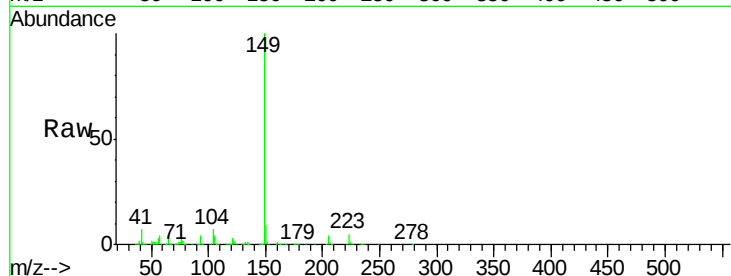




#73
Di-n-butylphthalate
Concen: 42.37 ng
RT: 18.41 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

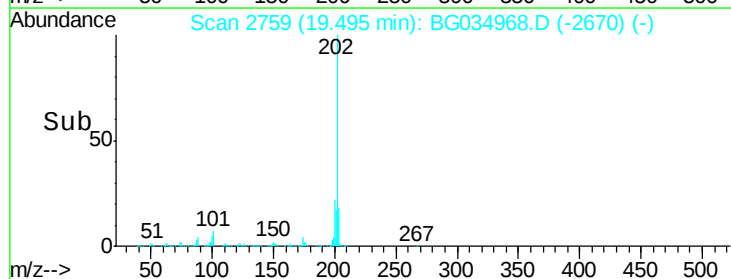
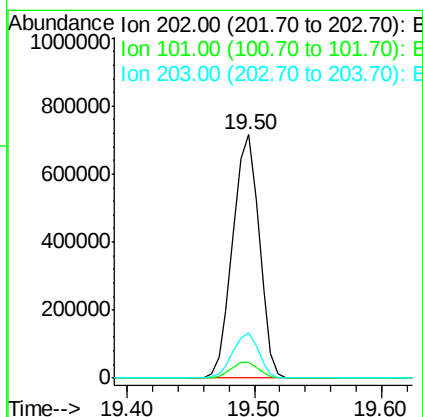
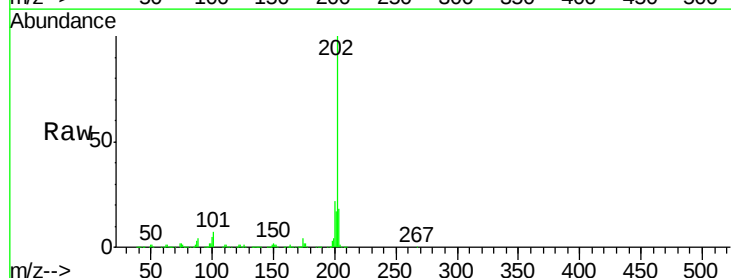
Instrument :
BNA_G
ClientSampleId :
PB110034BL

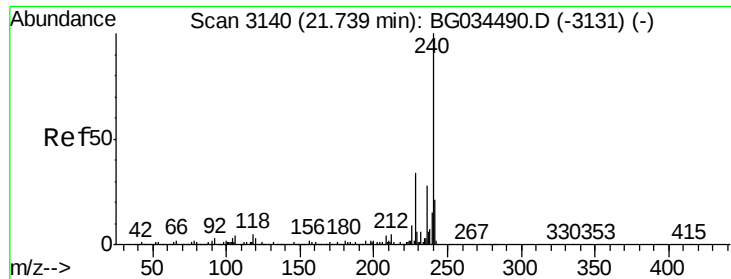
Tot Ion:149 Resp: 851618
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 6.8 3.9 5.9#



#74
Fluoranthene
Concen: 43.85 ng
RT: 19.50 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion:202 Resp: 1035356
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

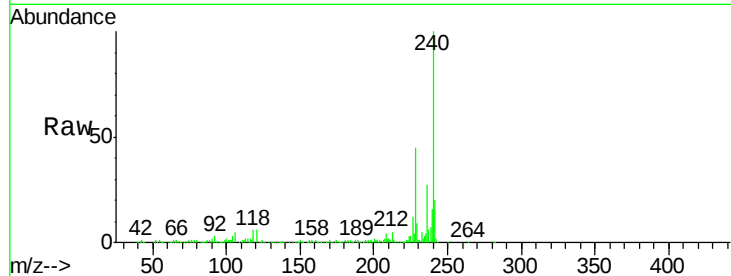
Tot Ion:240 Resp: 350700

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

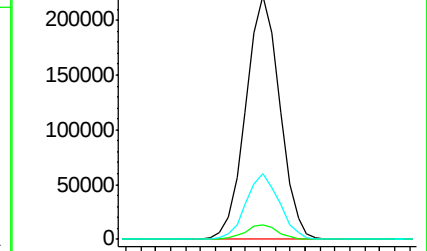
236 27.1 20.9 31.3



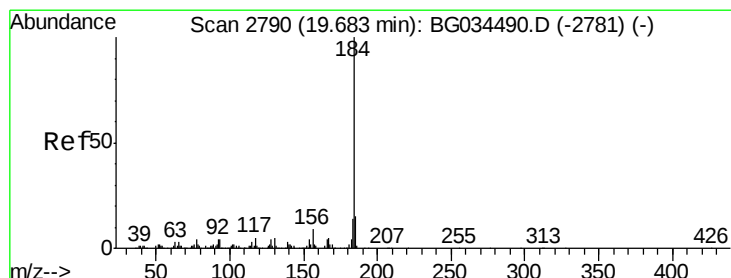
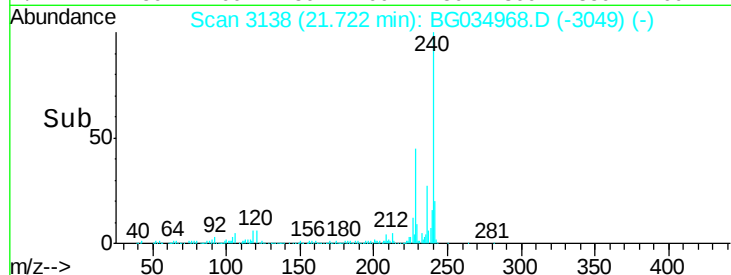
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 21.12 ng

RT: 19.67 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

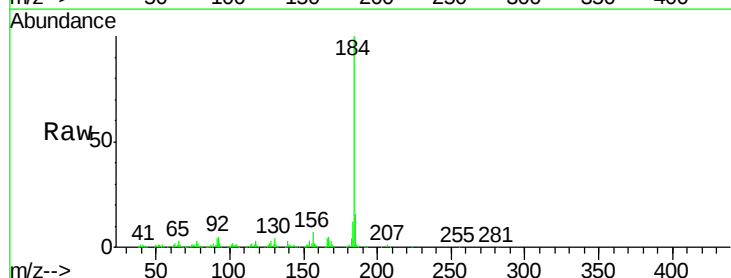
Tgt Ion:184 Resp: 275524

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

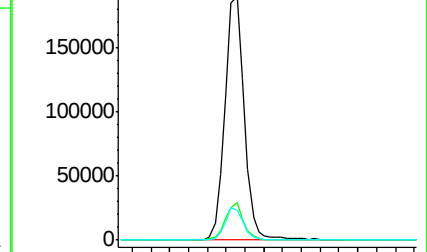
183 12.3 10.6 16.0



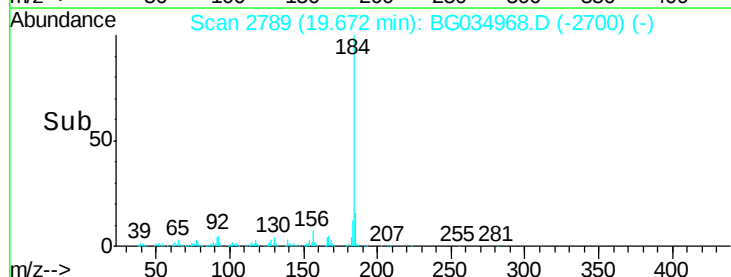
Abundance Ion 184.00 (183.70 to 184.70): E

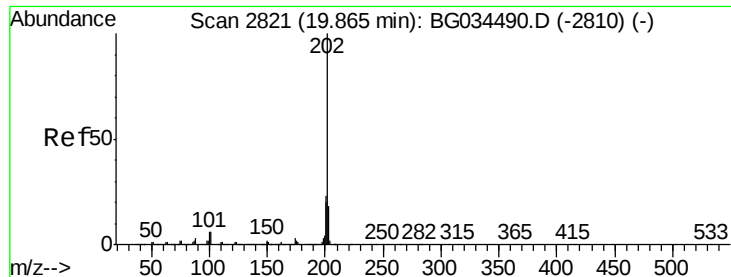
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 43.67 ng

RT: 19.85 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

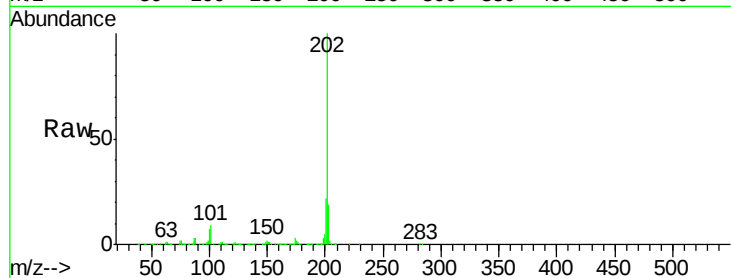
Tot Ion:202 Resp: 1009650

Ion Ratio Lower Upper

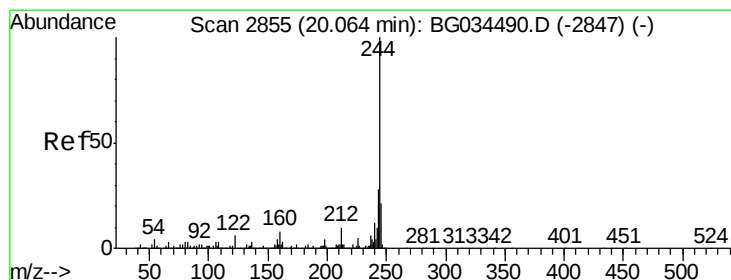
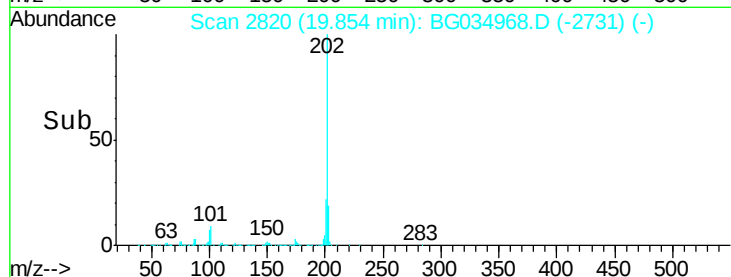
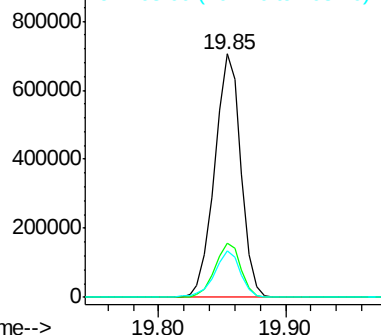
202 100

200 22.5 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: 95.64 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

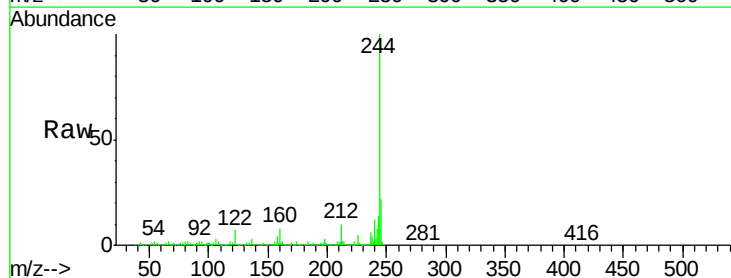
Tgt Ion:244 Resp: 1601315

Ion Ratio Lower Upper

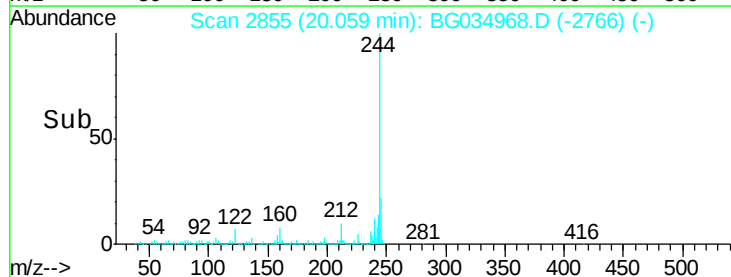
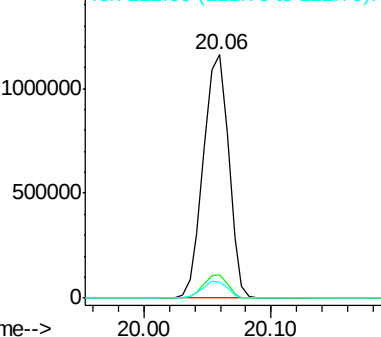
244 100

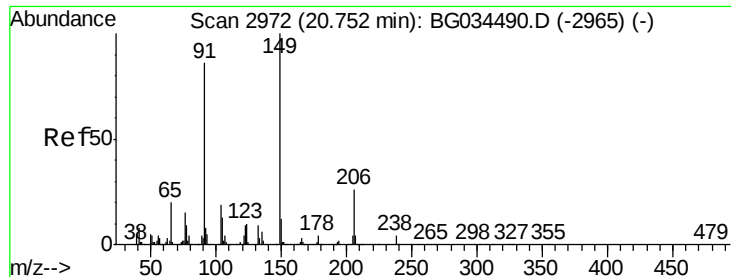
212 9.7 5.8 8.8#

122 6.6 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

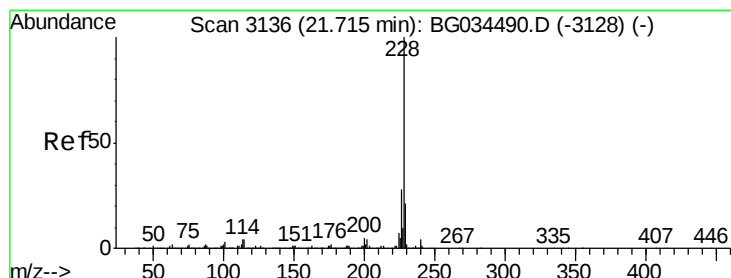
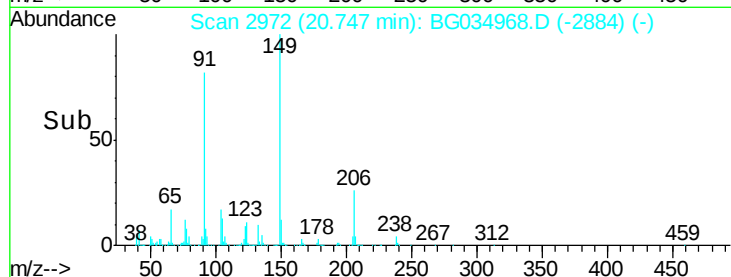
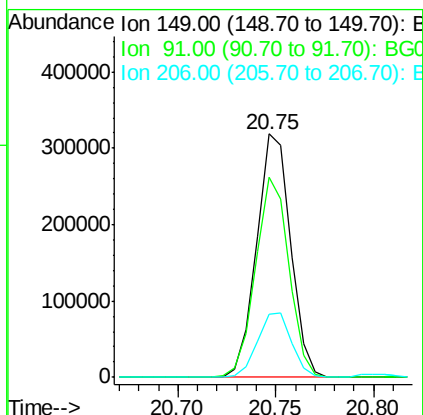
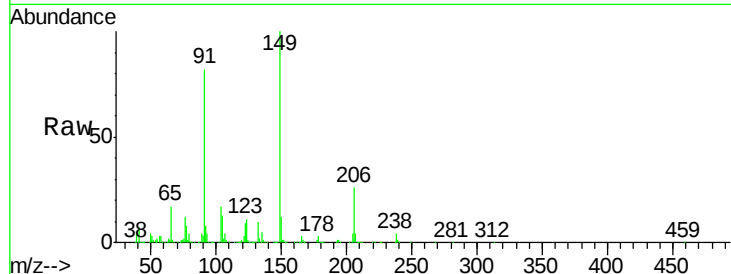




#79
Butylbenzylphthalate
Concen: 45.81 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

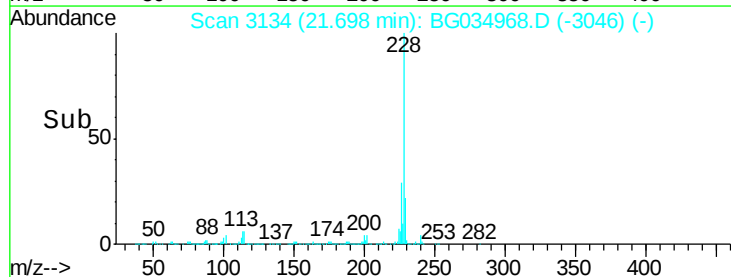
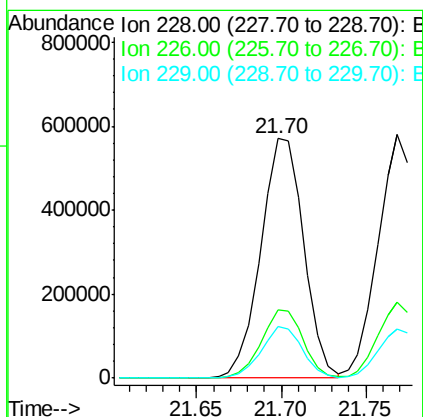
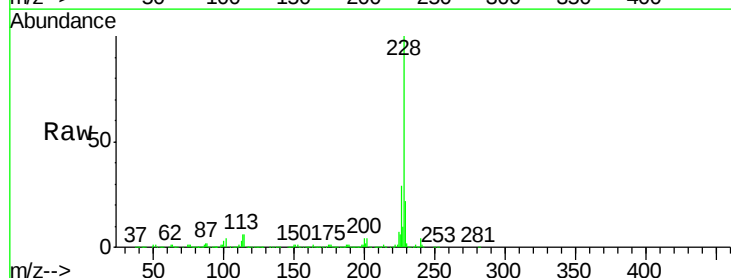
Instrument :
BNA_G
ClientSampleId :
PB110034BL

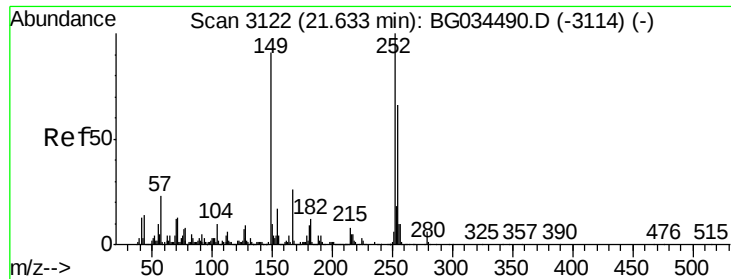
Tot Ion:149 Resp: 384562
Ion Ratio Lower Upper
149 100
91 82.4 62.2 93.2
206 26.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.97 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Tgt Ion:228 Resp: 1007872
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.7 16.2 24.2

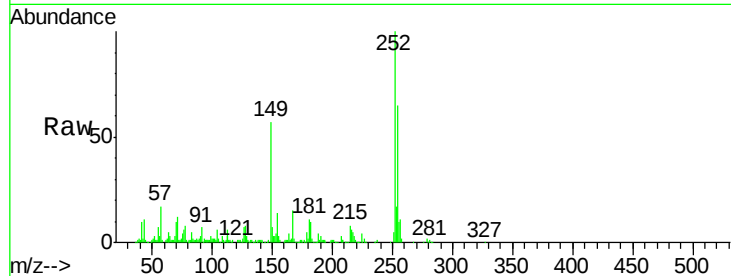




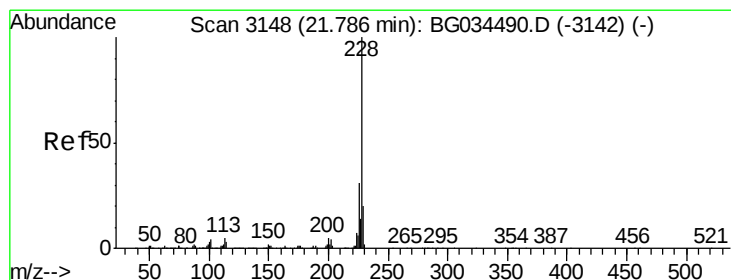
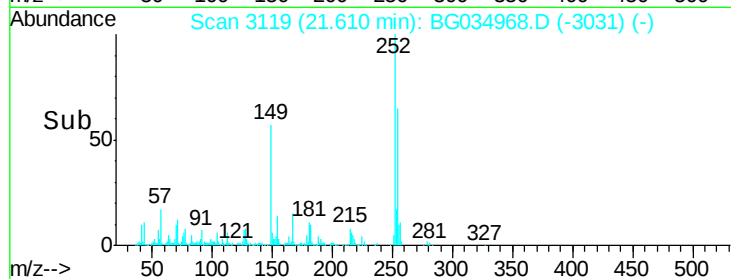
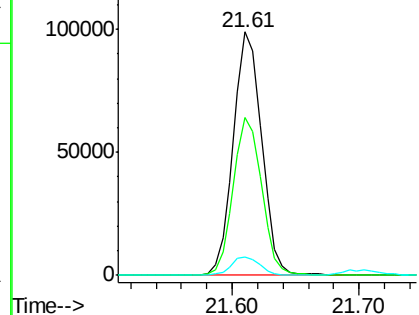
#81
 3,3'-Dichlorobenzidine
 Concen: 18.14 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

Tot Ion:252 Resp: 152977
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.8 76.2
 126 7.4 7.4 11.2#

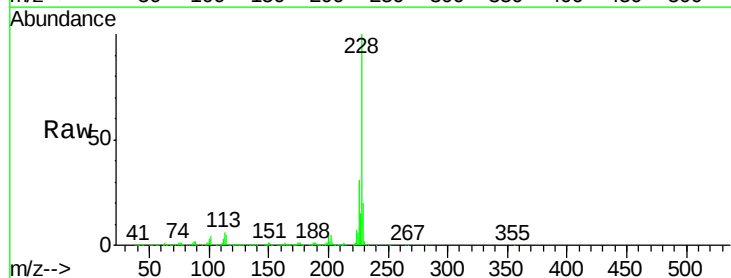


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

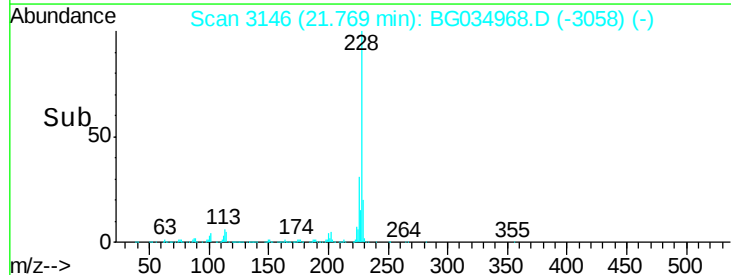
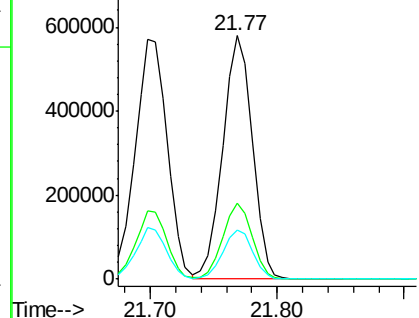


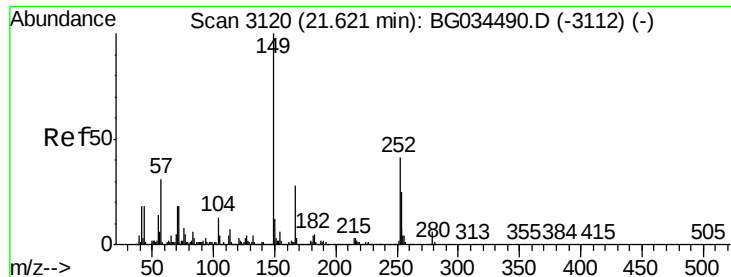
#82
 Chrysene
 Concen: 45.62 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Tgt Ion:228 Resp: 936024
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.2 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: 45.67 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

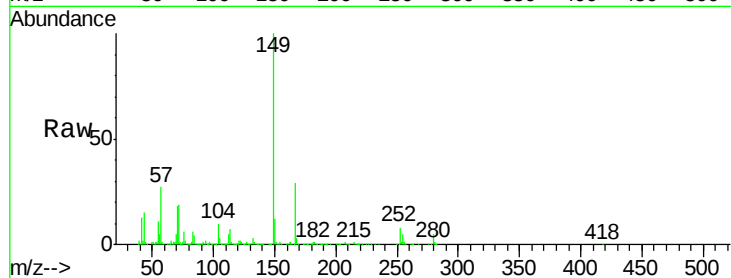
Tot Ion:149 Resp: 541760

Ion Ratio Lower Upper

149 100

167 28.6 24.3 36.5

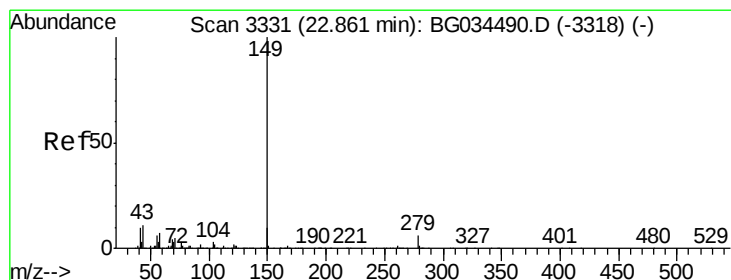
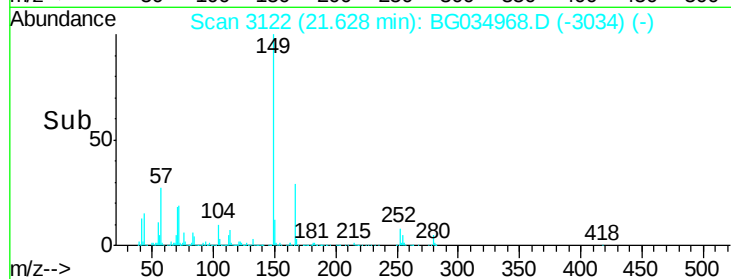
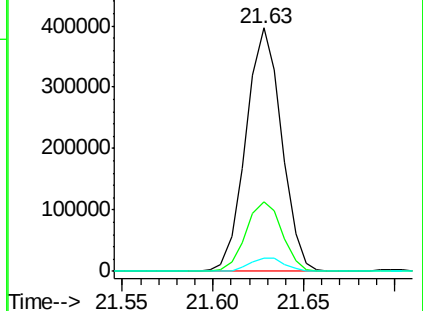
279 5.4 4.0 6.0



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: 45.58 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

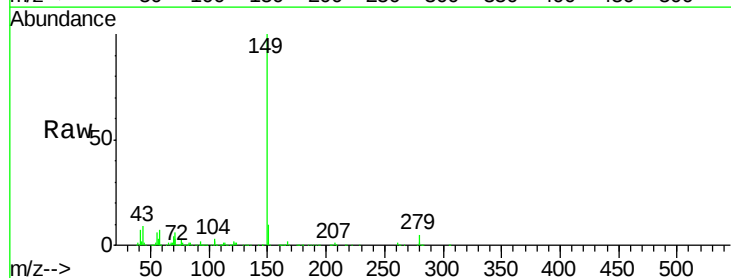
Tgt Ion:149 Resp: 927509

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

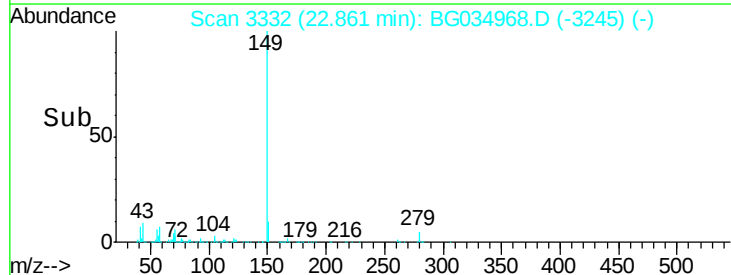
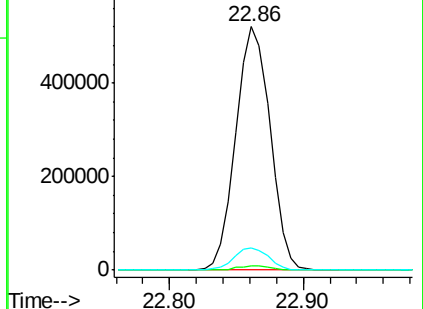
43 9.0 8.9 13.3

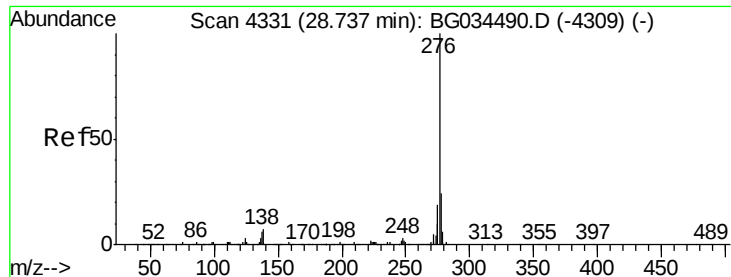


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.46 ng

RT: 28.68 min Scan# 4322

Delta R.T. -0.03 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

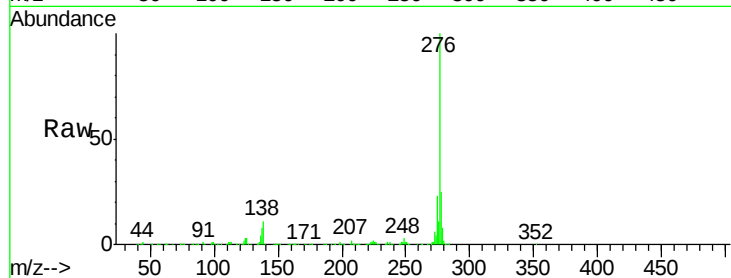
BNA_G

ClientSampleId :

PB110034BL

Tot Ion:276 Resp: 1140519

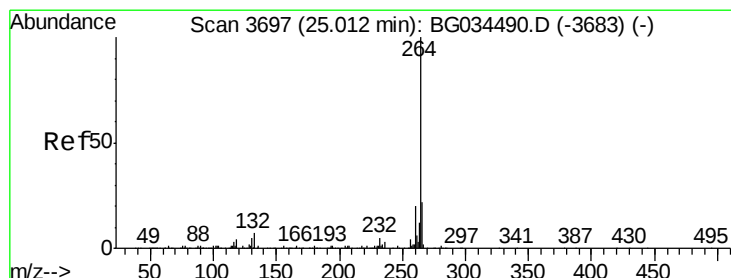
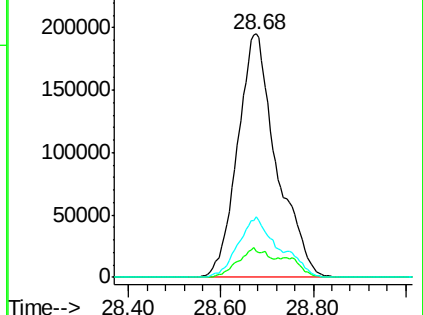
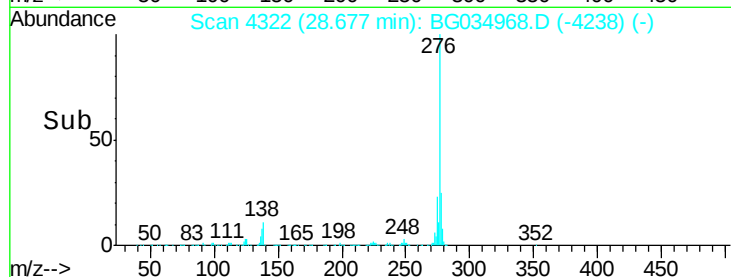
Ion	Ratio	Lower	Upper
276	100		
138	9.8	16.0	24.0#
277	26.2	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.96 min Scan# 3690

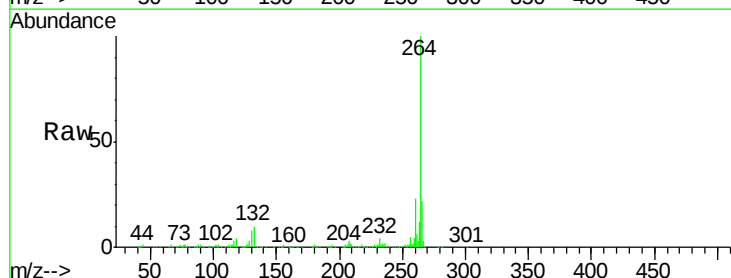
Delta R.T. -0.02 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Tgt Ion:264 Resp: 355036

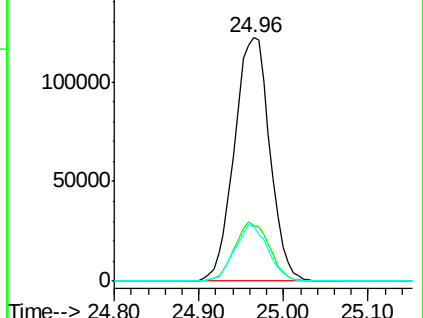
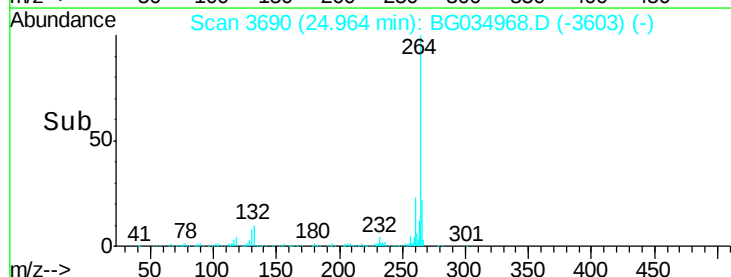
Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.3	17.7	26.5

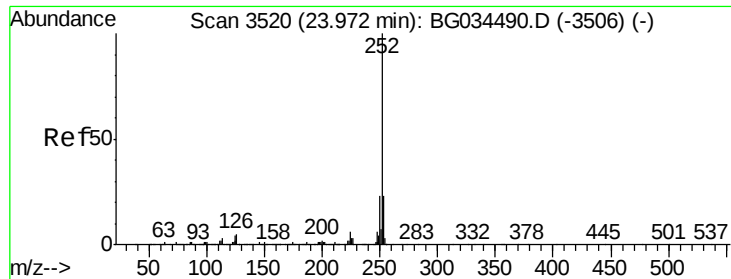


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.70 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

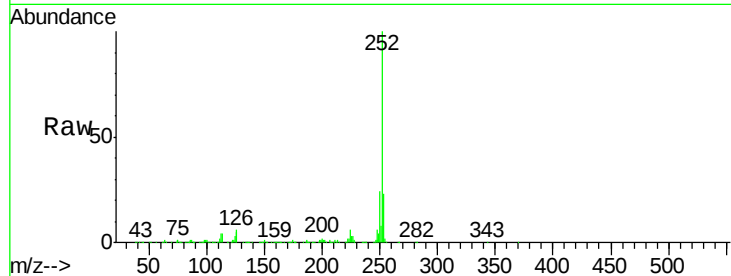
Tot Ion:252 Resp: 999073

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

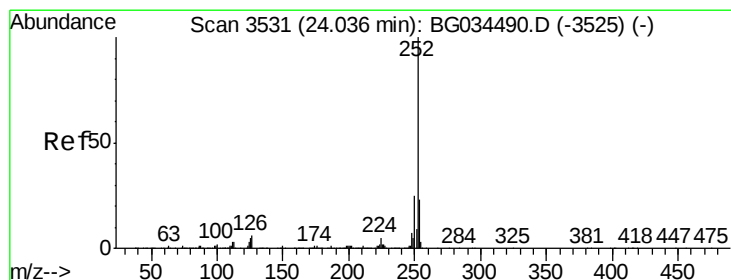
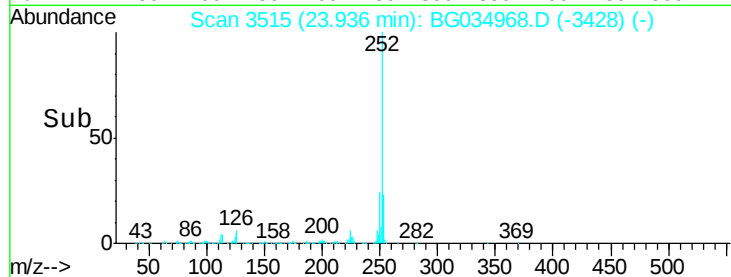
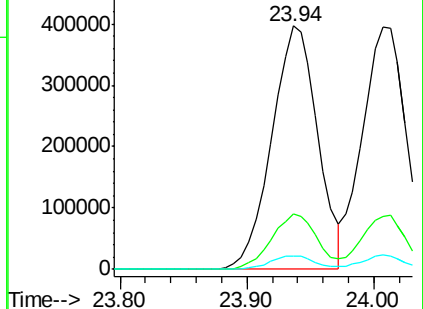
125 5.3 7.2 10.8#



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: 44.11 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.02 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

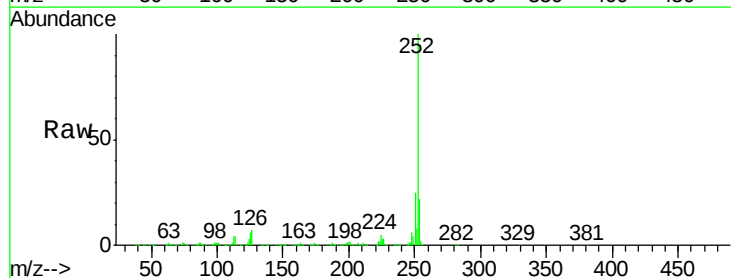
Tgt Ion:252 Resp: 943385

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

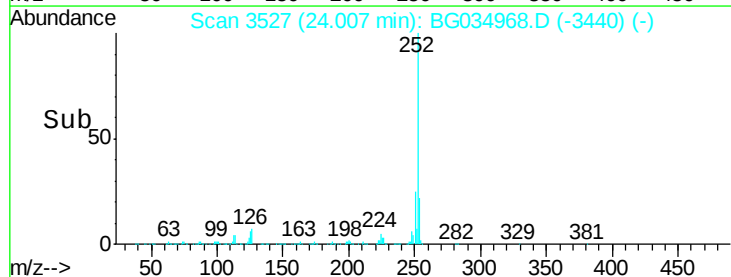
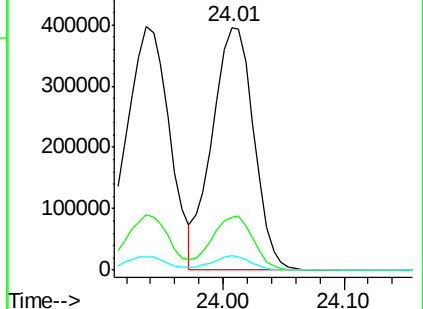
125 5.9 6.6 9.8#

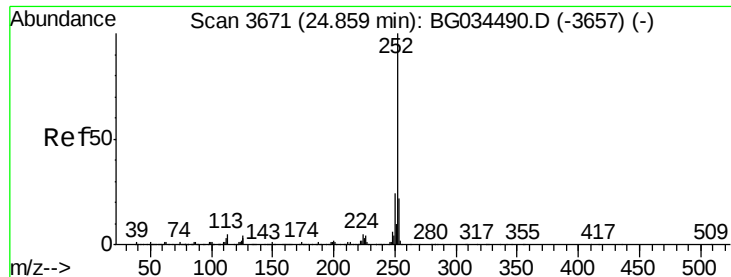


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.77 ng

RT: 24.82 min Scan# 3665

Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Instrument :

BNA_G

ClientSampleId :

PB110034BL

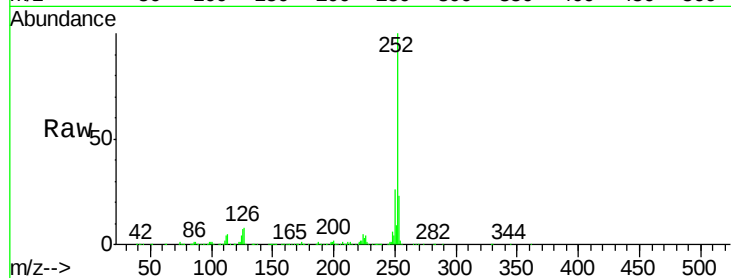
Tot Ion:252 Resp: 962274

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

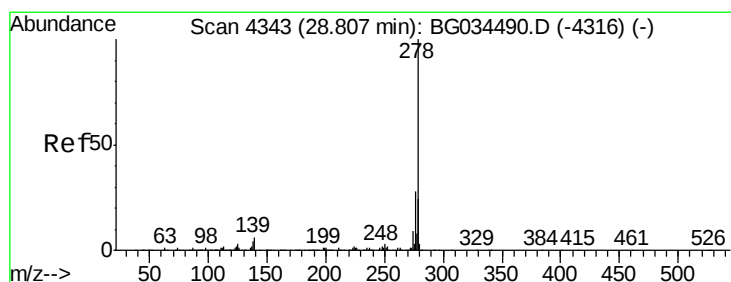
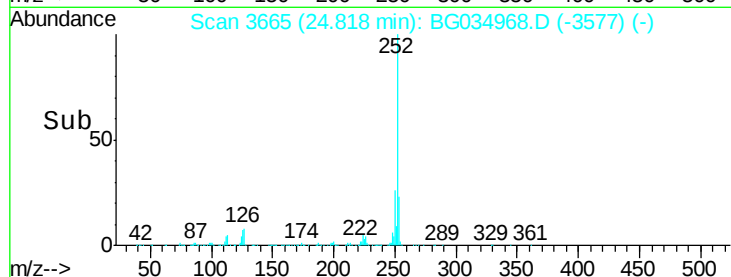
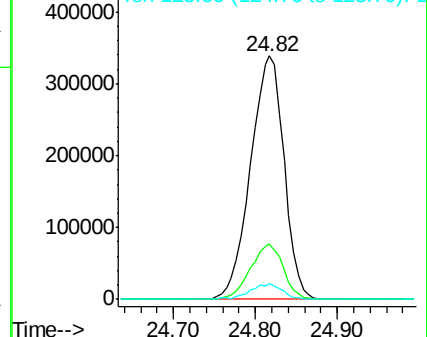
125 6.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.20 ng

RT: 28.75 min Scan# 4334

Delta R.T. -0.04 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

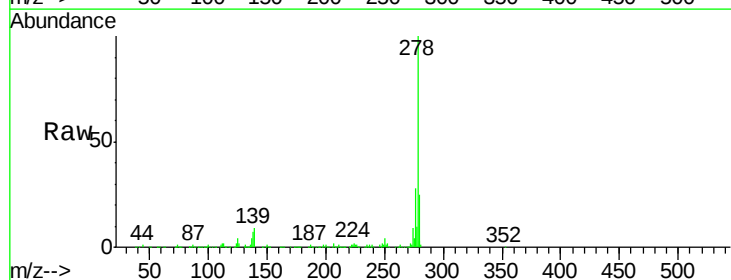
Tgt Ion:278 Resp: 917954

Ion Ratio Lower Upper

278 100

139 9.2 9.8 14.6#

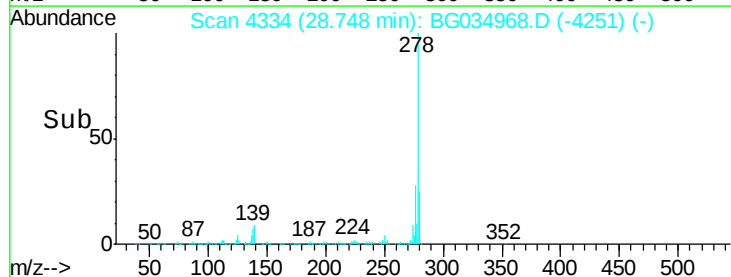
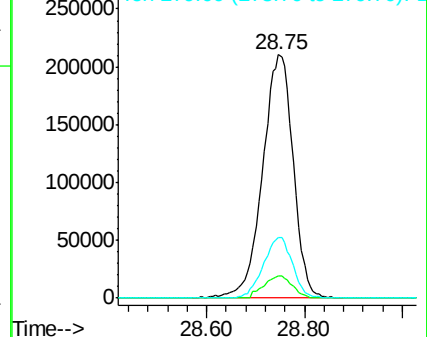
279 24.9 18.4 27.6

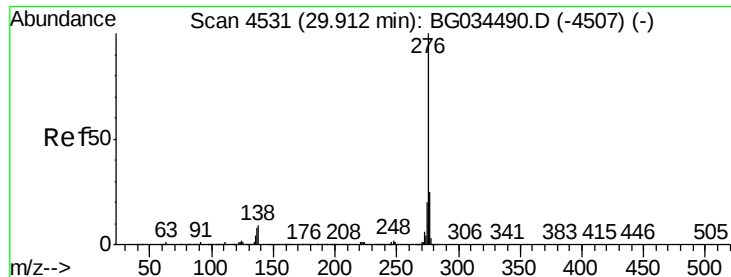


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.05 ng
 RT: 29.83 min Scan# 4519
 Delta R.T. -0.03 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	12.2	13.9	20.9

