

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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

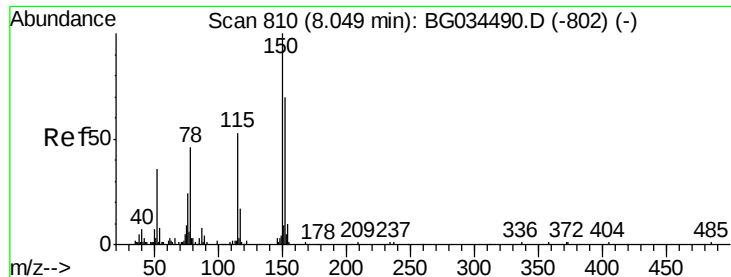
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 Response via : Initial Calibration

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

ClientSampleId :

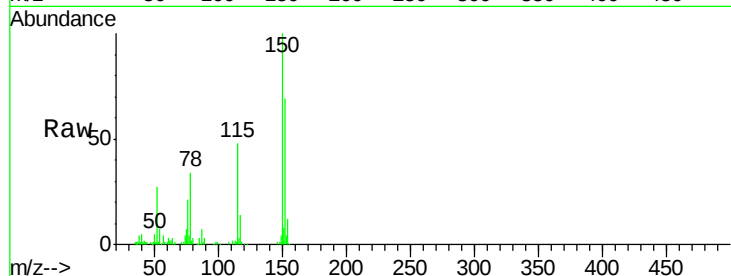
Tot Ion:152 Resp: 49358

Ion Ratio Lower Upper

152 100

150 145.4 126.6 189.8

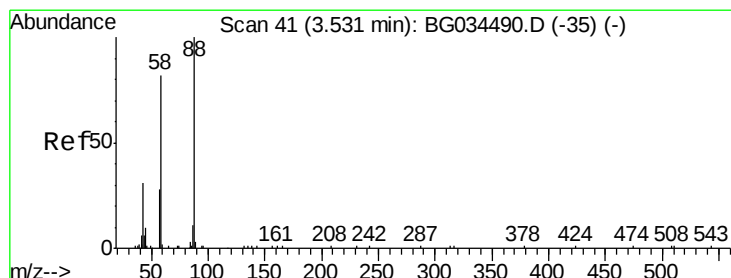
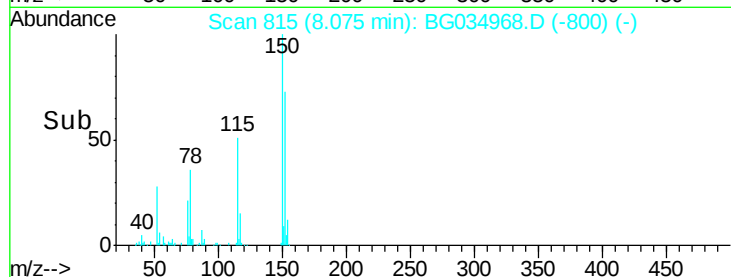
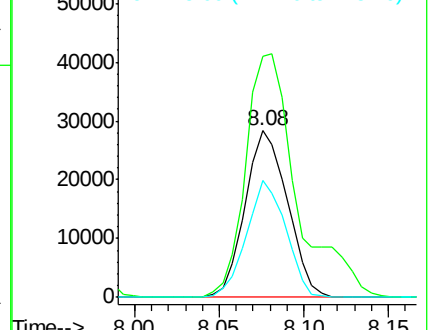
115 70.0 53.0 79.4



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

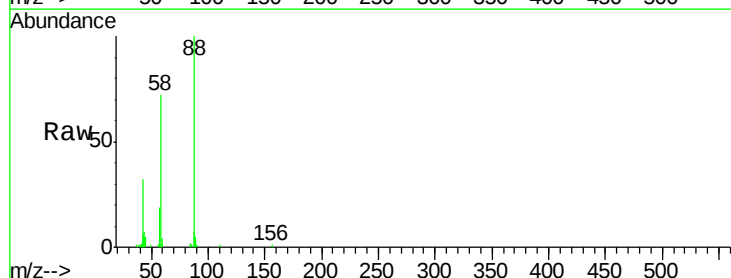
Tgt Ion: 88 Resp: 43625

Ion Ratio Lower Upper

88 100

58 68.2 79.6 119.4#

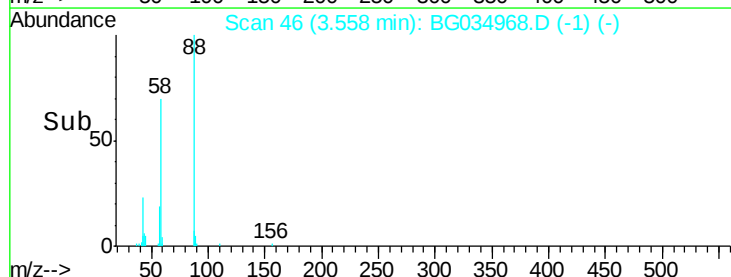
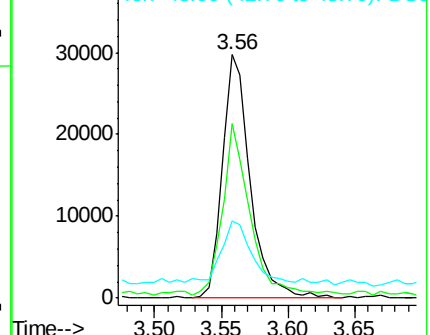
43 26.4 27.4 41.0#

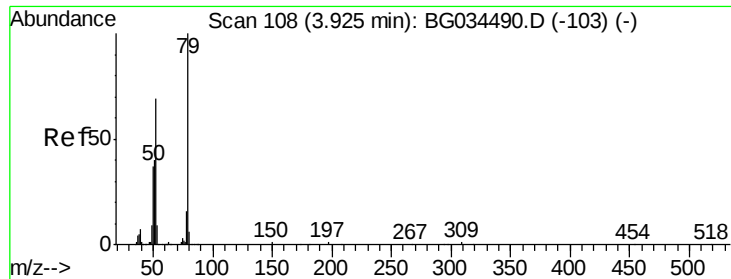


Abundance Ion 88.00 (87.70 to 88.70): BGC

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 :

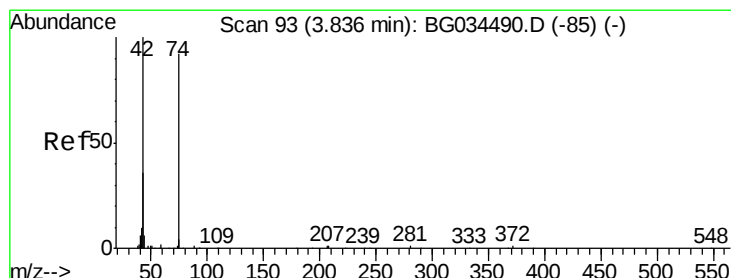
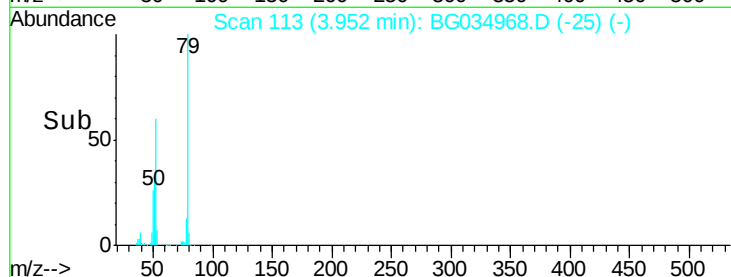
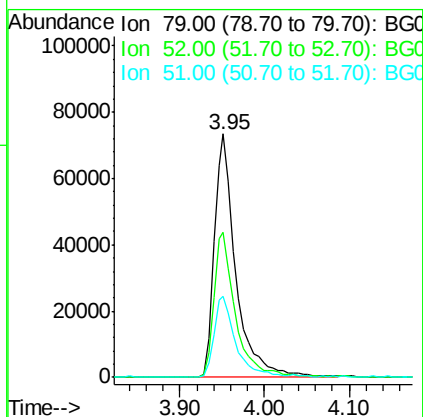
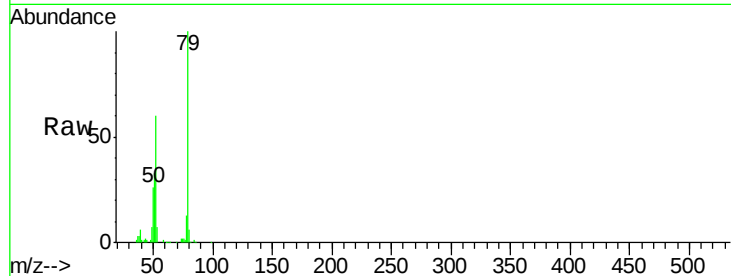
Tot Ion: 79 Resp: 131579

Ion Ratio Lower Upper

79 100

52 59.6 69.9 104.9#

51 33.4 34.0 51.0#



#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

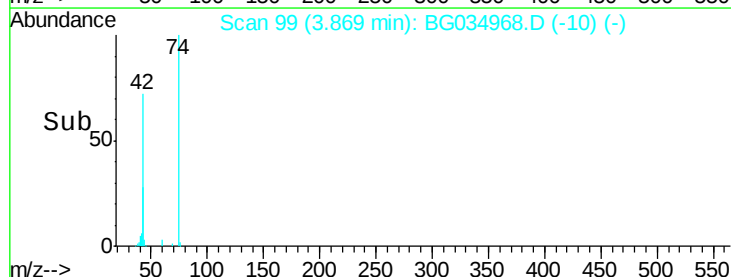
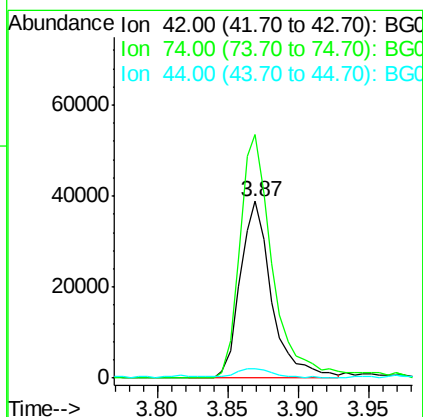
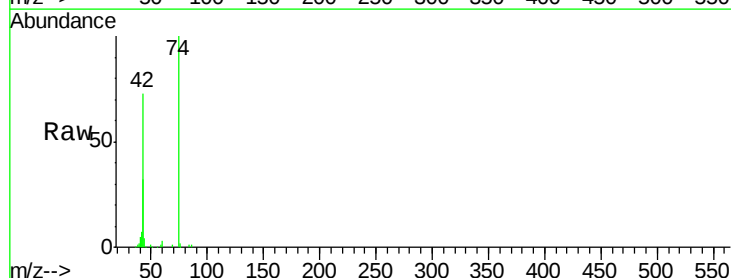
Tgt Ion: 42 Resp: 60622

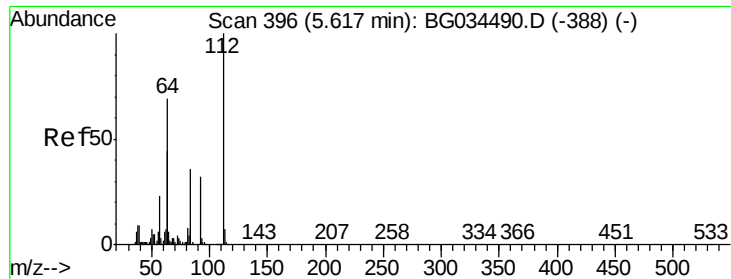
Ion Ratio Lower Upper

42 100

74 137.6 102.5 153.7

44 5.5 18.9 28.3#





#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 :

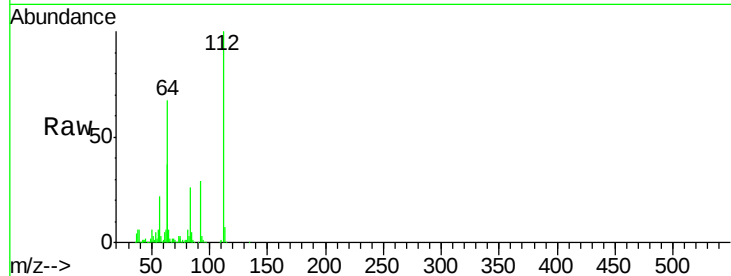
Tot Ion:112 Resp: 437133

Ion Ratio Lower Upper

112 100

64 67.0 56.3 84.5

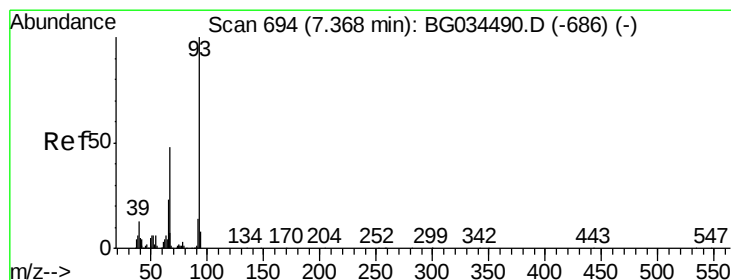
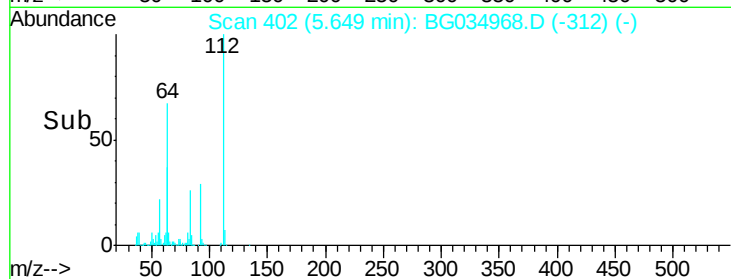
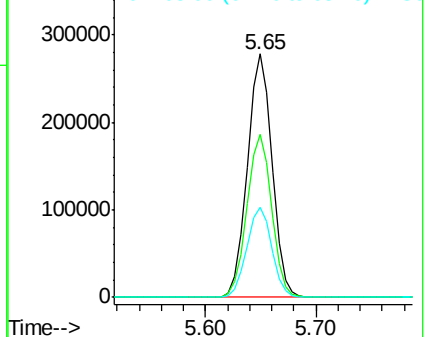
63 37.2 30.1 45.1



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

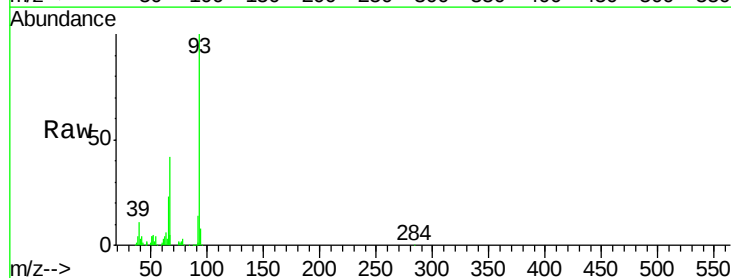
Tgt Ion: 93 Resp: 118827

Ion Ratio Lower Upper

93 100

66 41.7 33.7 50.5

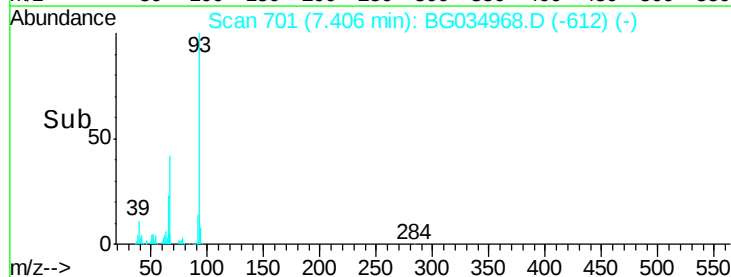
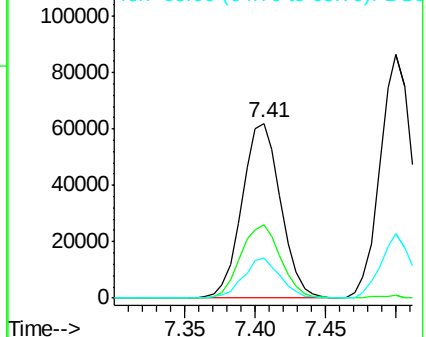
65 23.0 16.1 24.1



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

ClientSampled :

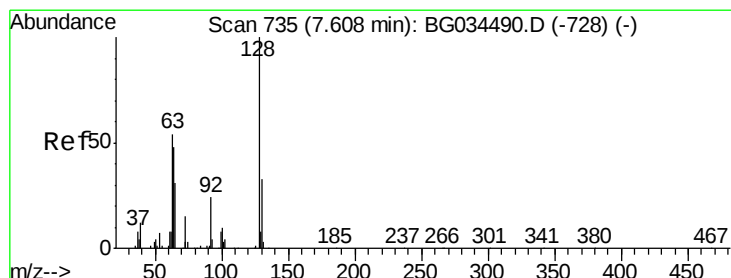
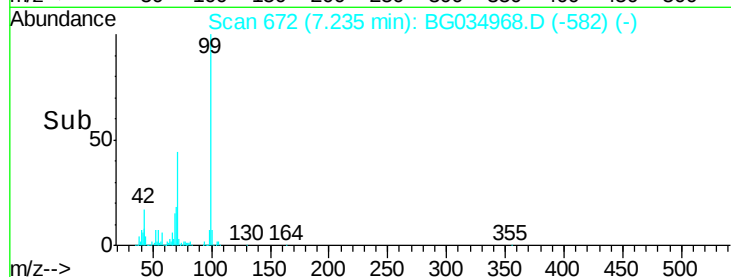
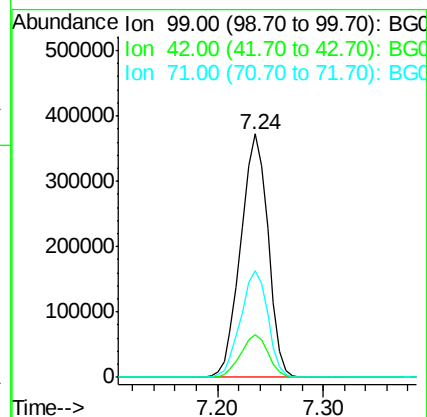
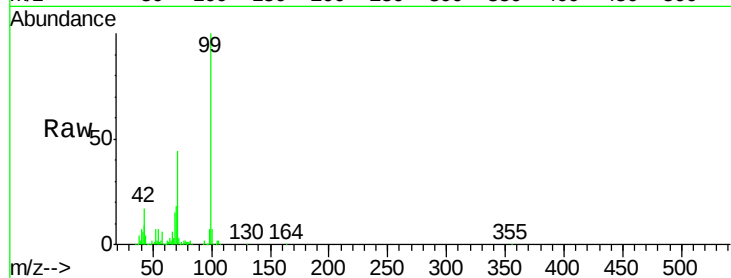
Tot Ion: 99 Resp: 665256

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 43.7 26.1 39.1#



#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

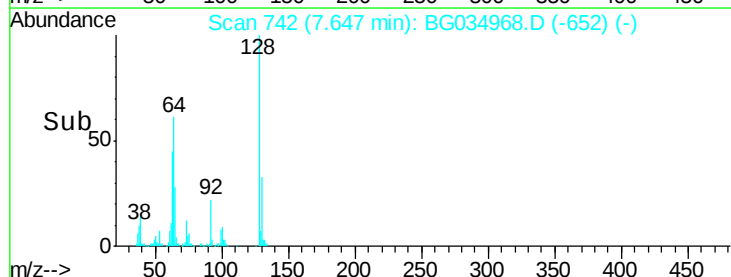
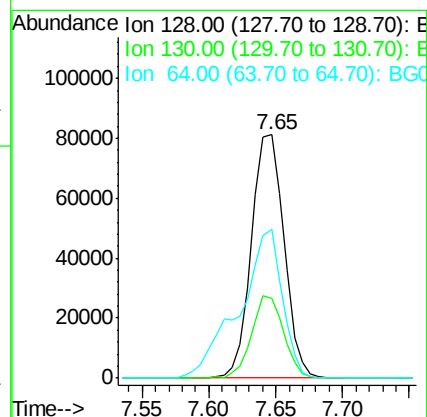
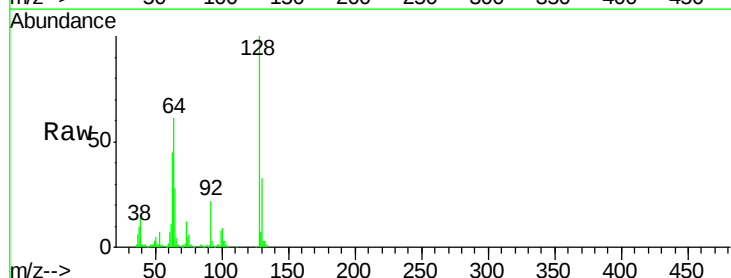
Tgt Ion: 128 Resp: 136721

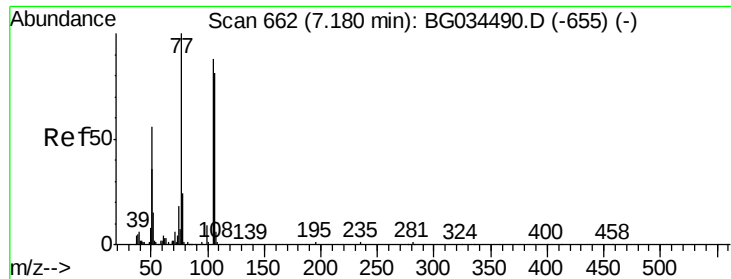
Ion Ratio Lower Upper

128 100

130 32.8 14.0 54.0

64 61.4 37.7 77.7





#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 :

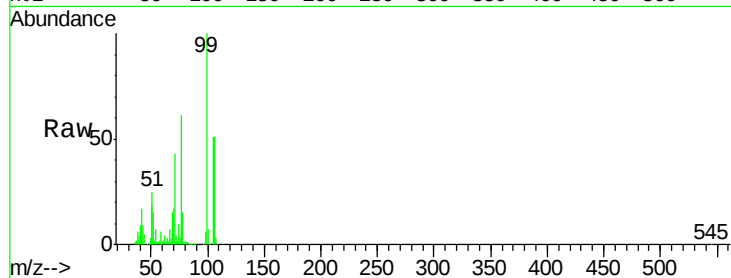
Tot Ion: 77 Resp: 74534

Ion Ratio Lower Upper

77 100

105 83.1 71.3 111.3

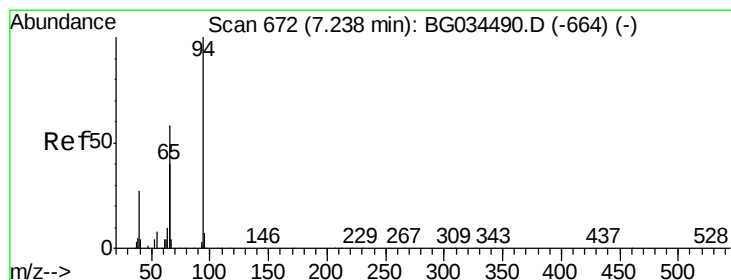
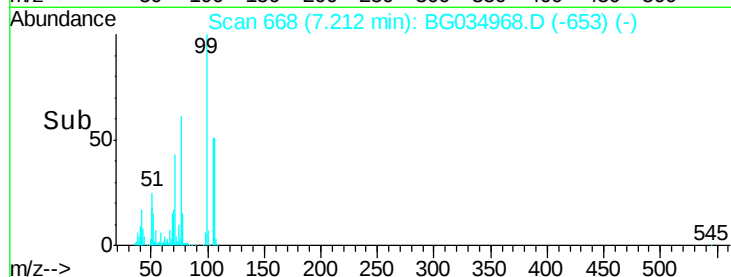
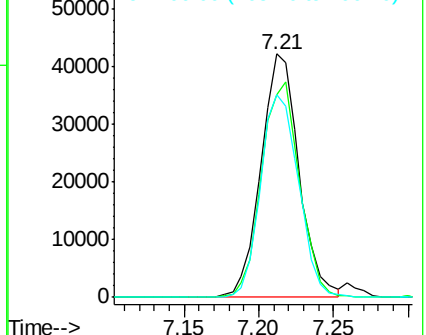
106 83.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 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

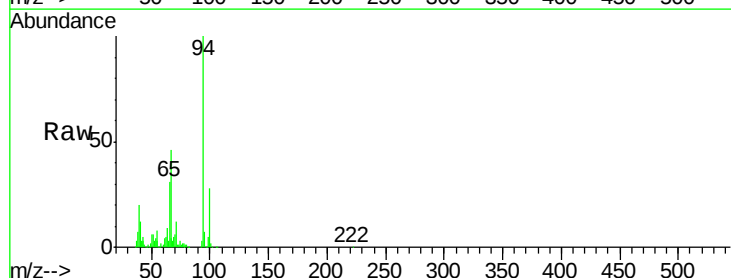
Tgt Ion: 94 Resp: 218645

Ion Ratio Lower Upper

94 100

65 31.2 11.9 51.9

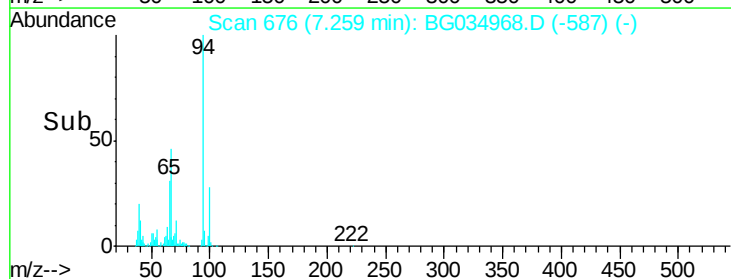
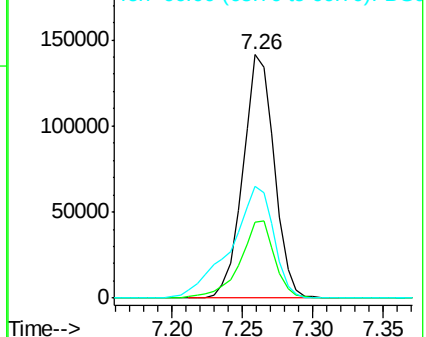
66 46.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

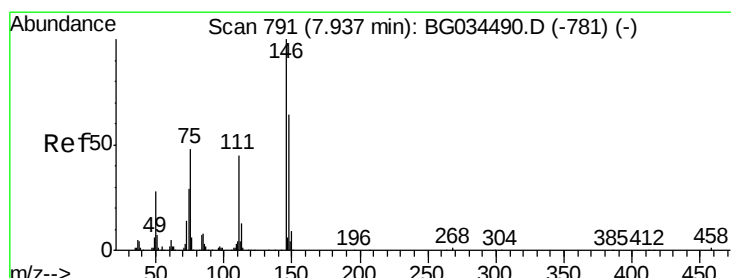
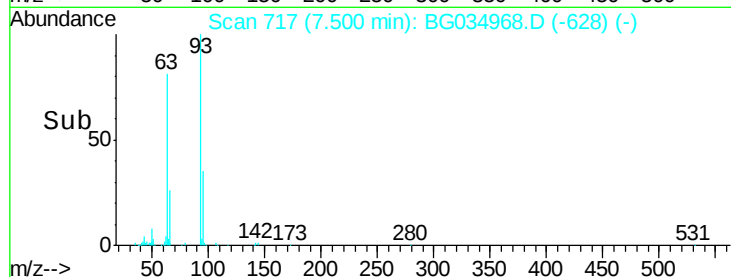
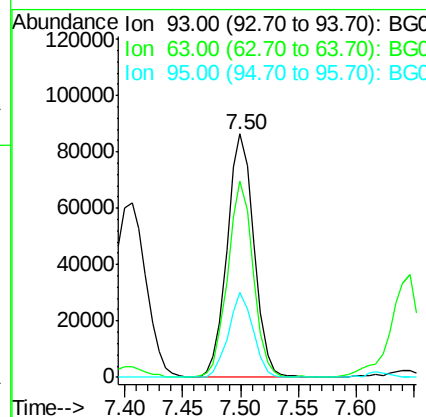
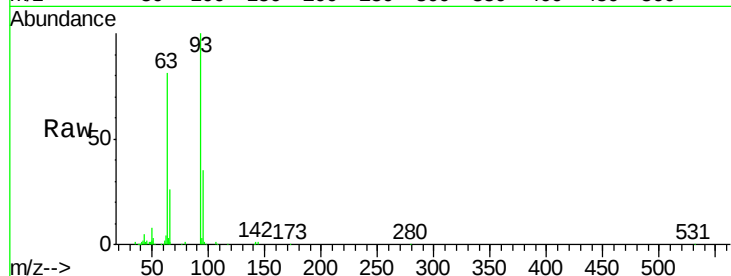




#11
bis(2-Chloroethyl)ether
Concen: 40.01 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

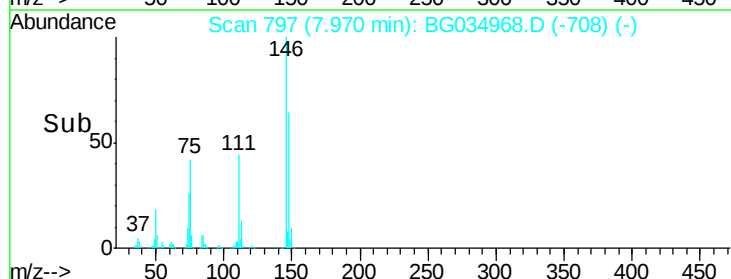
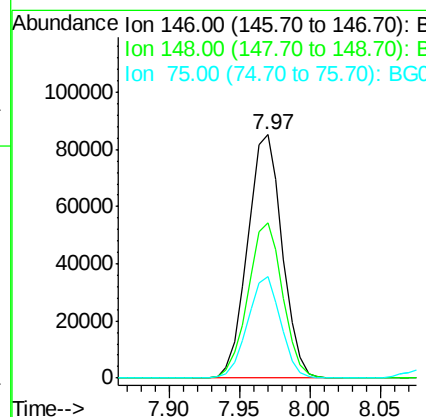
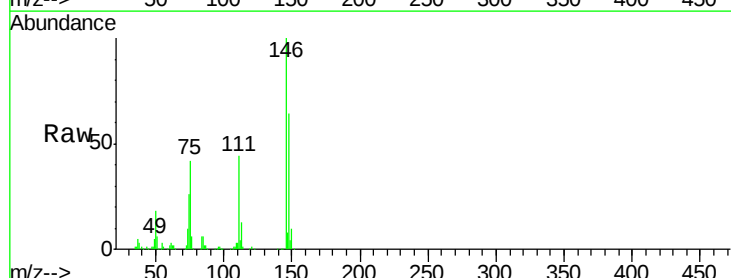
Instrument :
BNA_G
ClientSampleId :

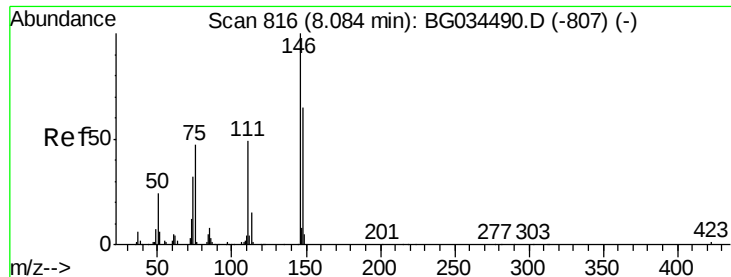
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	67.1	107.1
95	34.9	11.5	51.5



#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	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	41.6	26.6	39.8

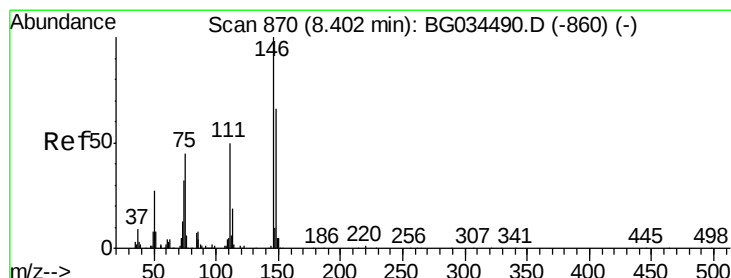
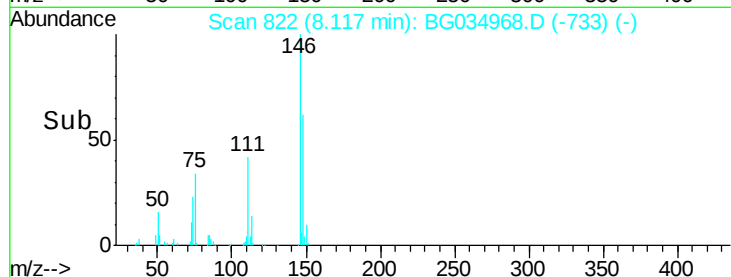
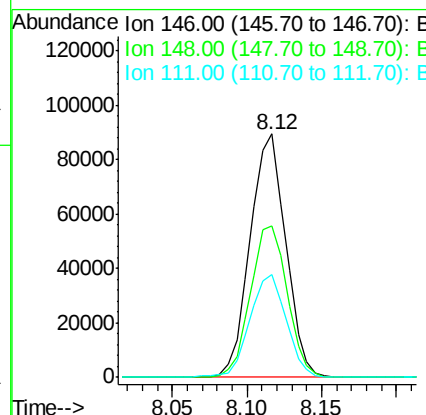
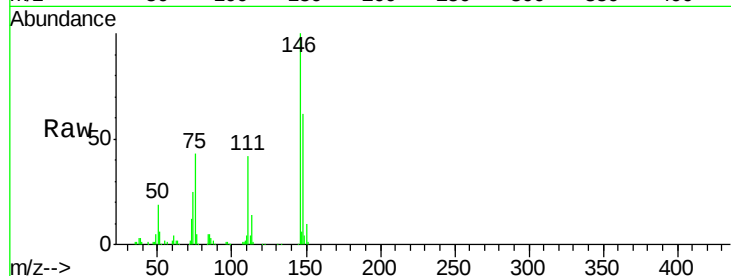




#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

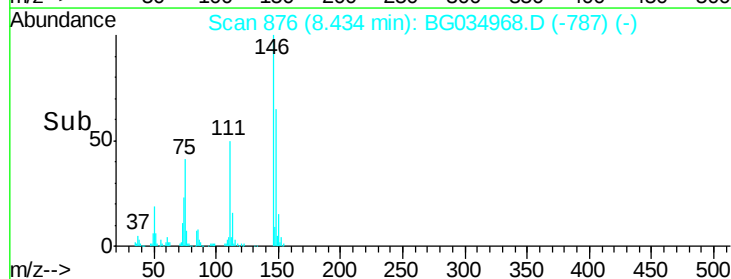
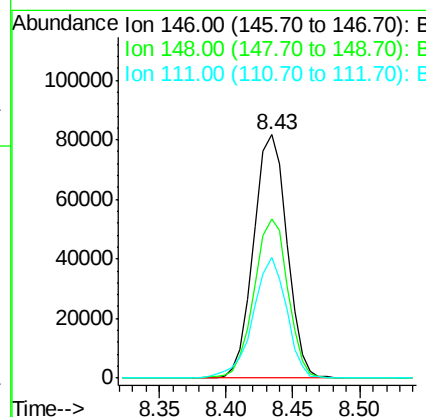
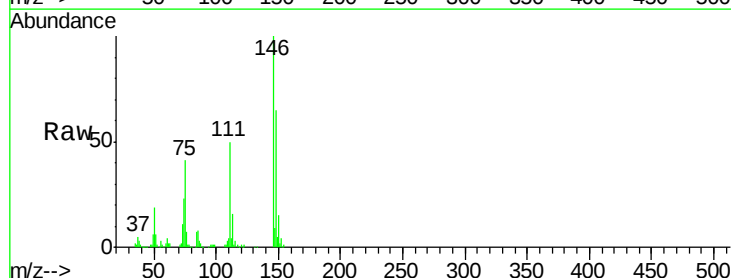
Instrument :
 BNA_G
 ClientSampled :

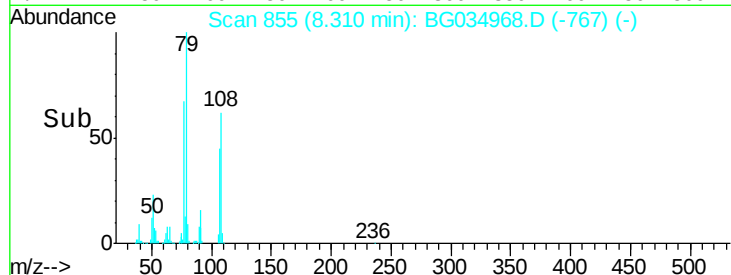
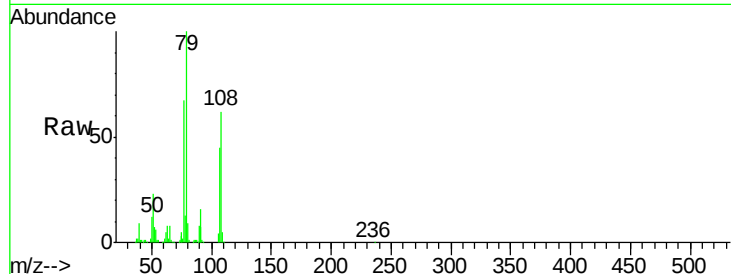
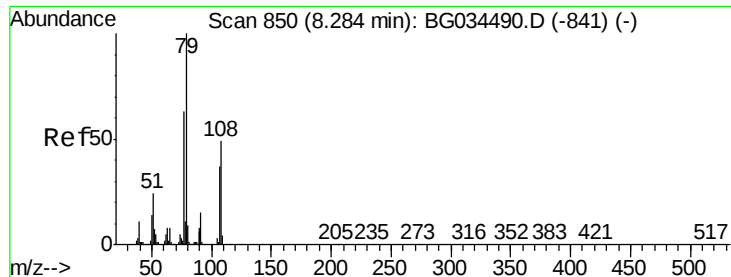
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.7	80.5
111	42.3	35.2	52.8



#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	Ratio	Lower	Upper
146	100		
148	65.4	49.3	73.9
111	49.6	34.3	51.5

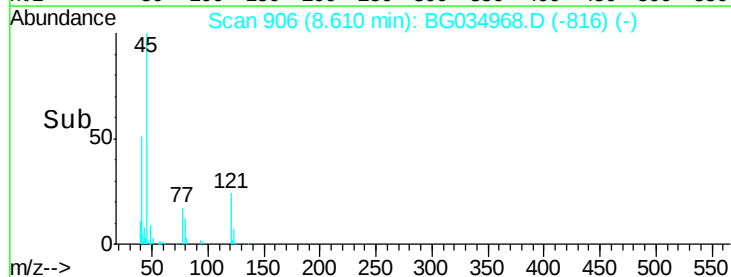
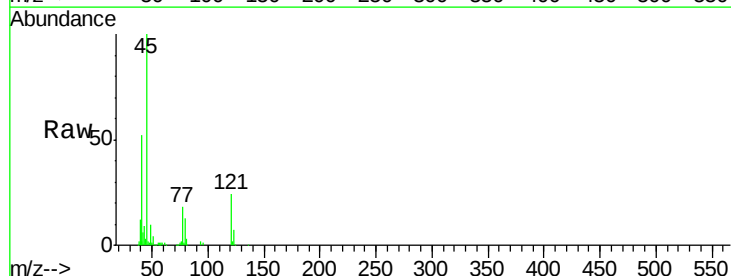
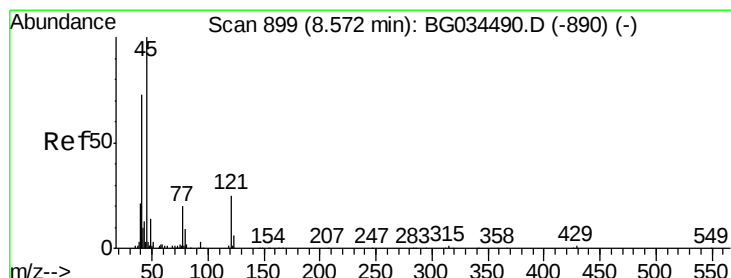
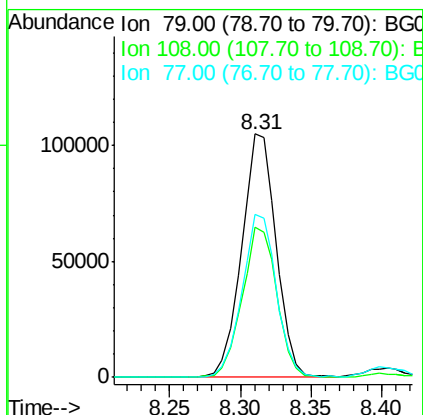




#15
Benzyl Alcohol
Concen: 43.74 ng
RT: 8.31 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

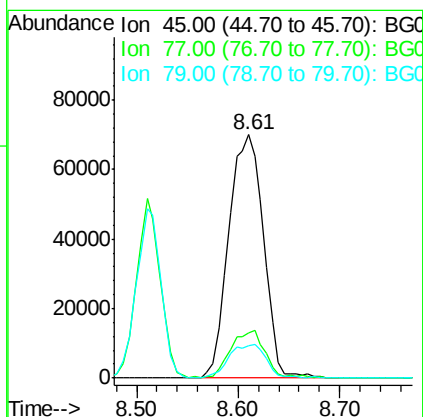
Tot Ion	Ratio	Lower	Upper
79	100		
108	61.7	57.2	85.8
77	66.9	46.1	69.1

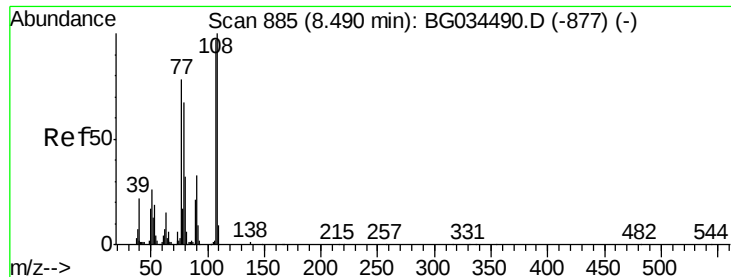
Instrument :
BNA_G
ClientSampled :



#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	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 :

Tot Ion:107 Resp: 143577

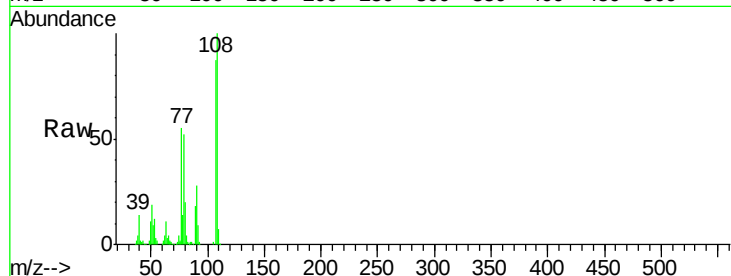
Ion Ratio Lower Upper

107 100

108 115.3 83.9 125.9

77 63.0 37.2 55.8#

79 59.7 36.2 54.2#



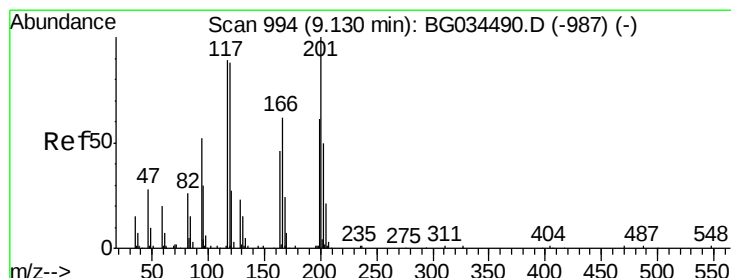
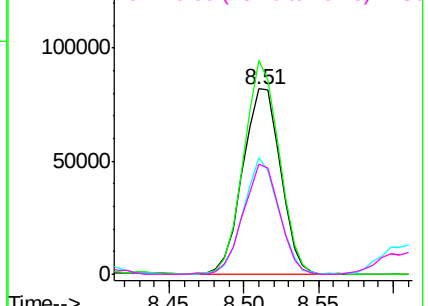
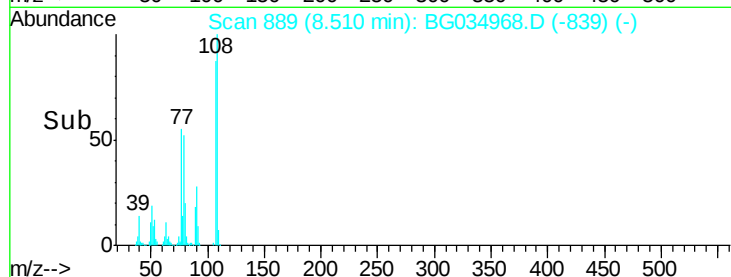
Abundance

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

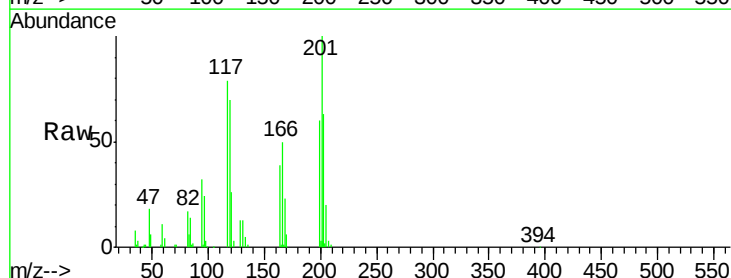
Tgt Ion:117 Resp: 55995

Ion Ratio Lower Upper

117 100

119 89.7 76.7 115.1

201 127.4 95.7 143.5

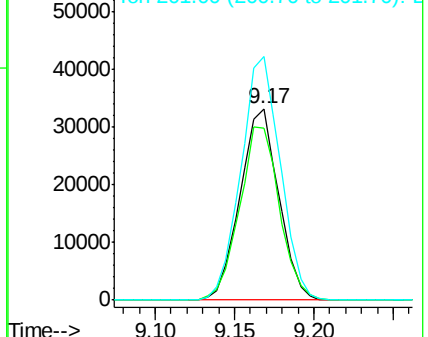
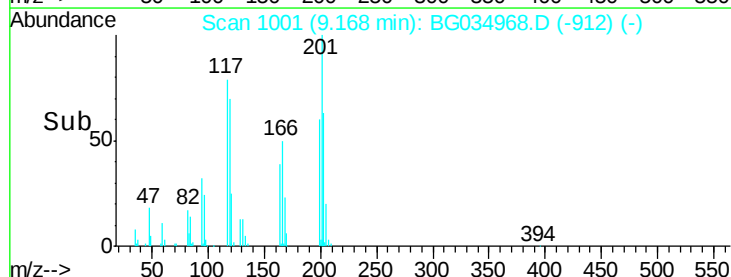


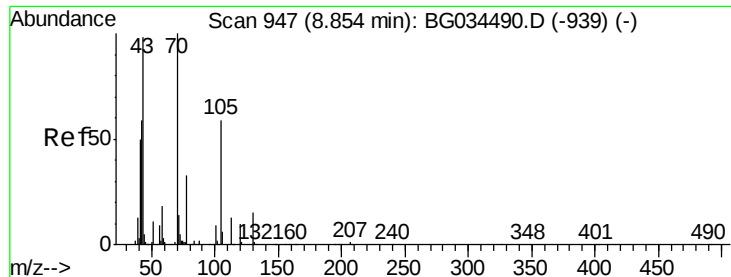
Abundance

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

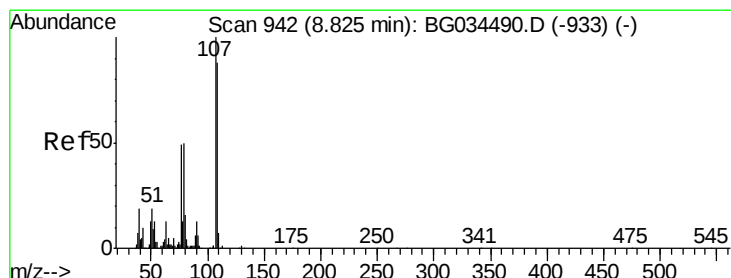
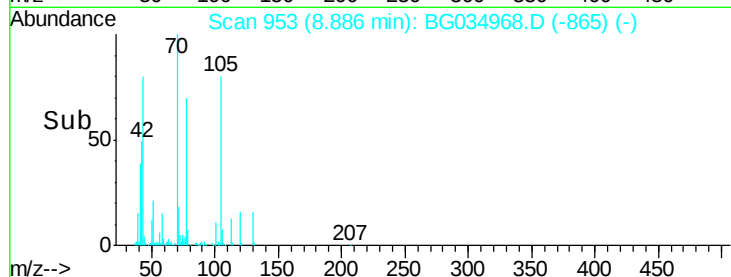
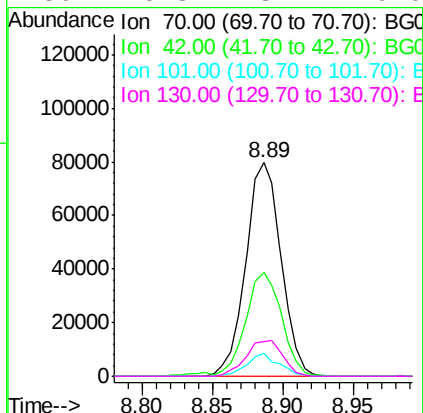
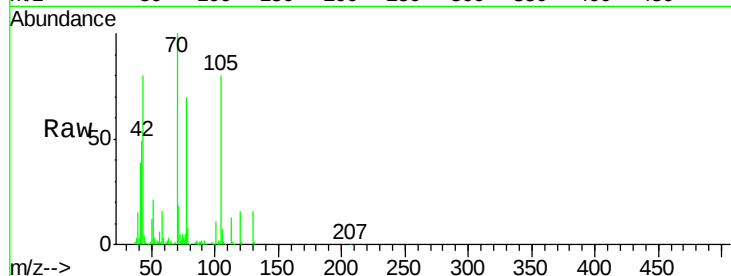




#19
n-Nitroso-di-n-propylamine
Concen: 38.13 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

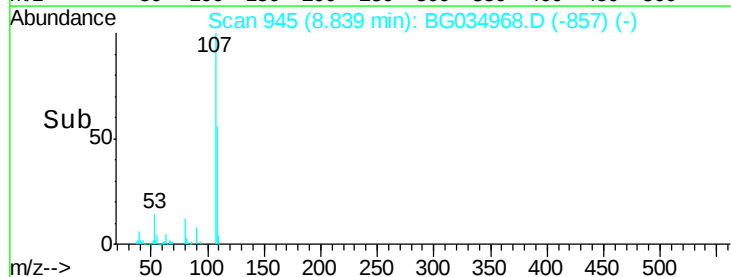
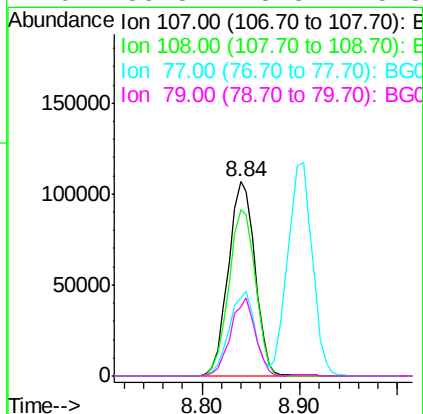
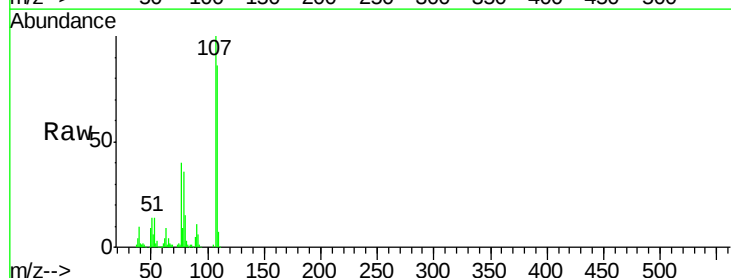
Instrument :
BNA_G
ClientSampleId :

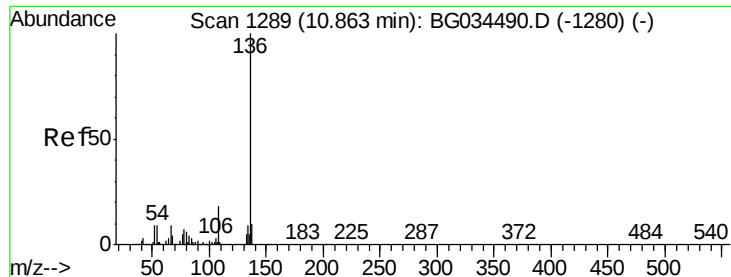
Tot Ion: 70 Resp: 139825
Ion Ratio Lower Upper
70 100
42 48.7 49.1 73.7#
101 10.9 8.5 12.7
130 16.3 13.4 20.0



#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

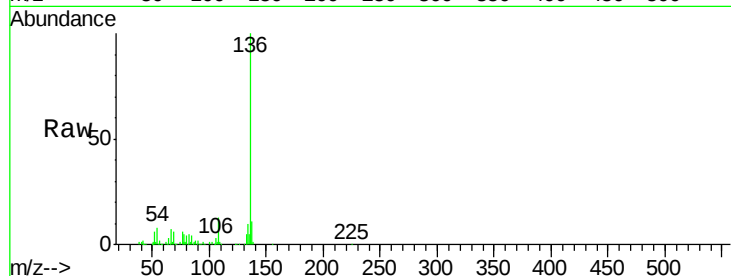




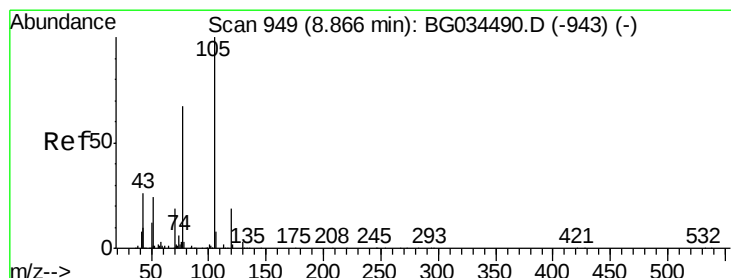
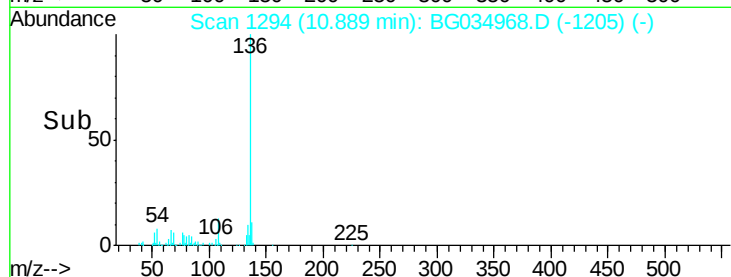
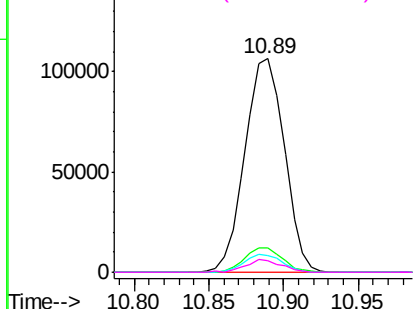
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Instrument :
BNA_G
ClientSampleId :

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

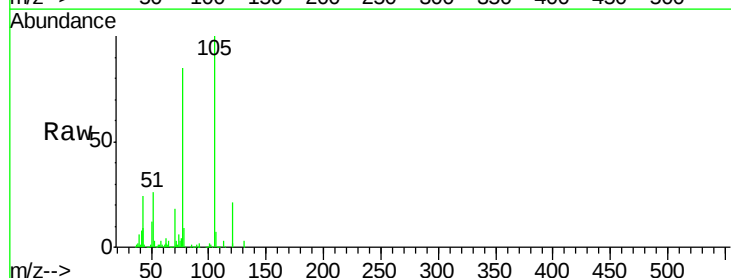


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

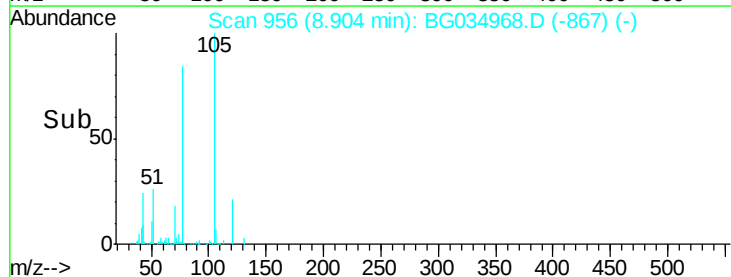
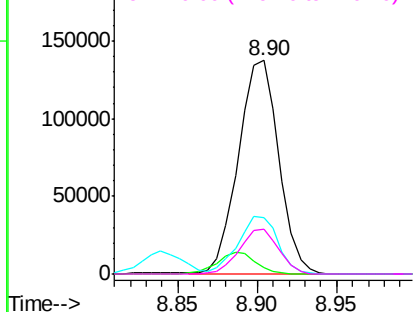


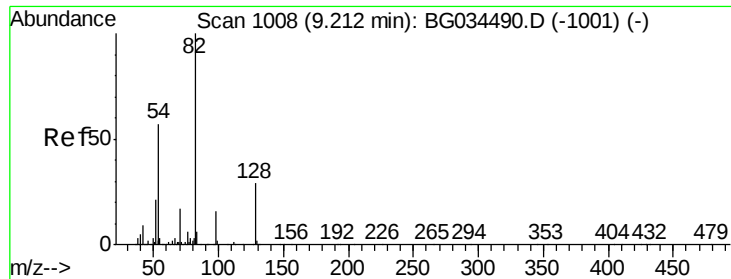
#22
Acetophenone
Concen: 40.36 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

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

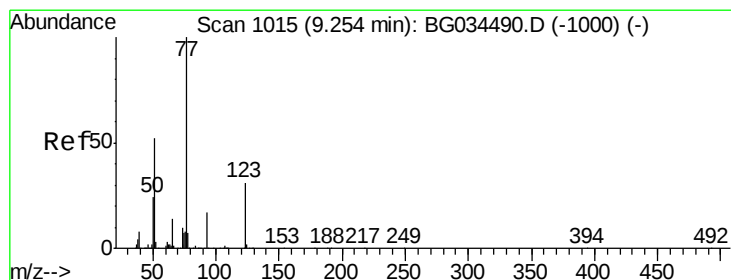
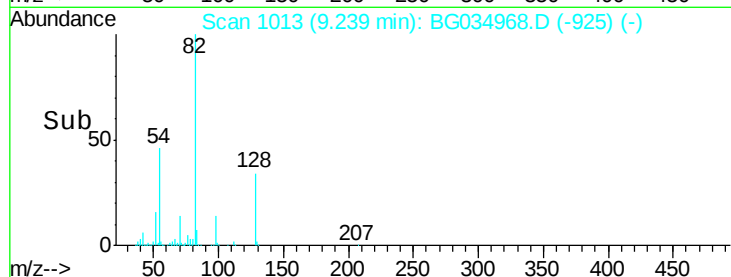
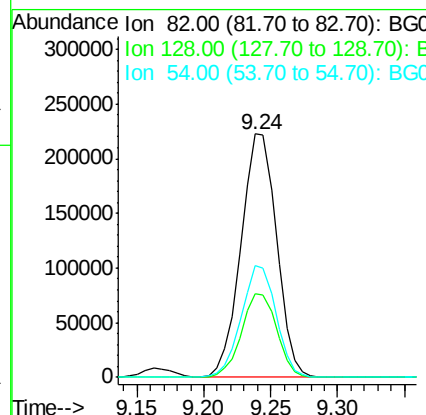
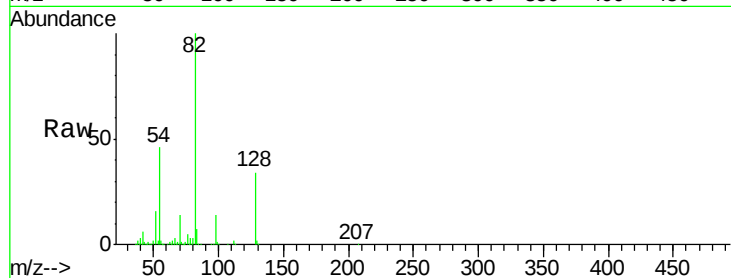




#23
 Nitrobenzene-d5
 Concen: 100.34 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

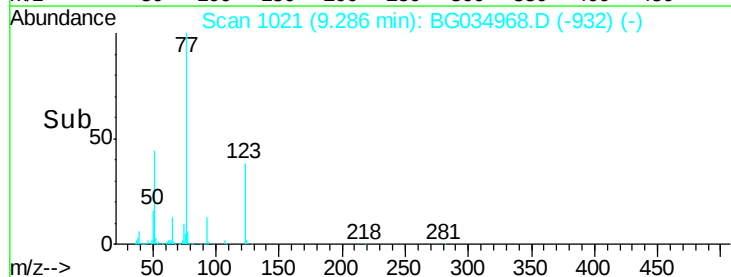
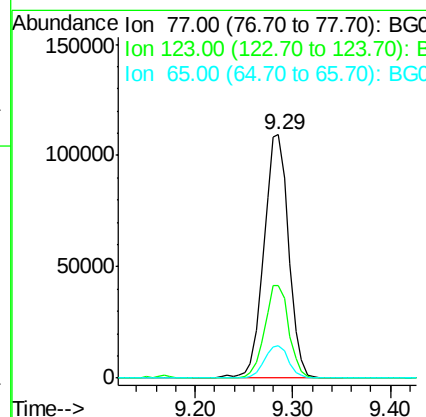
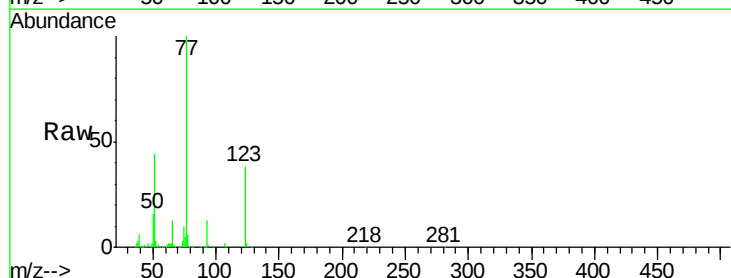
Instrument :
 BNA_G
 ClientSampleId :

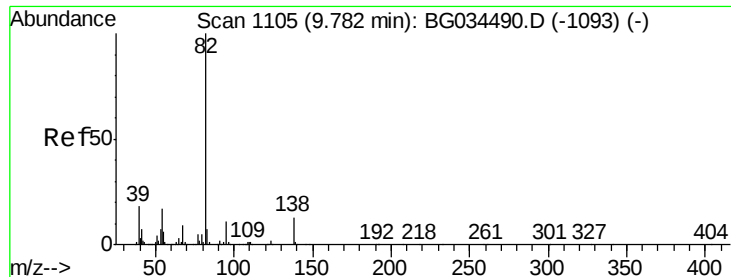
Tot Ion	82	Resp	410963
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.7	44.5
54	46.1	43.1	64.7



#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 :

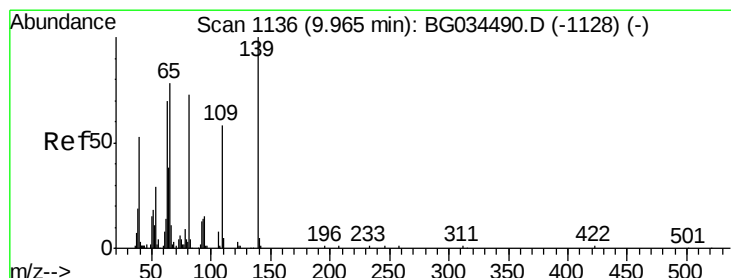
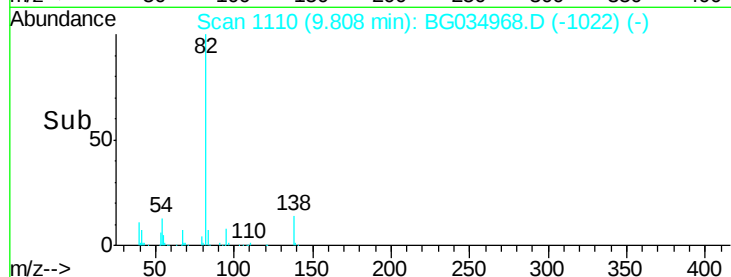
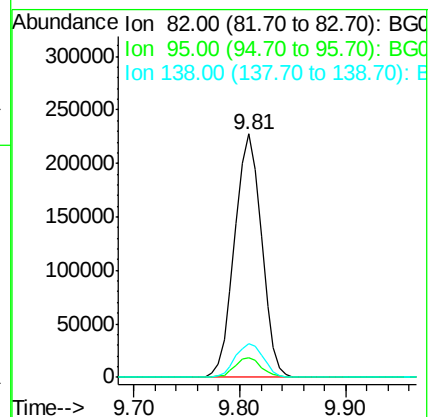
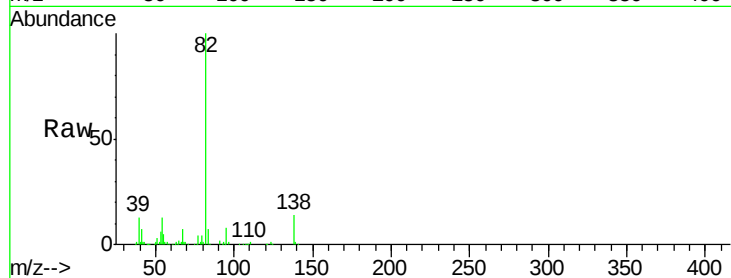
Tot Ion: 82 Resp: 401465

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

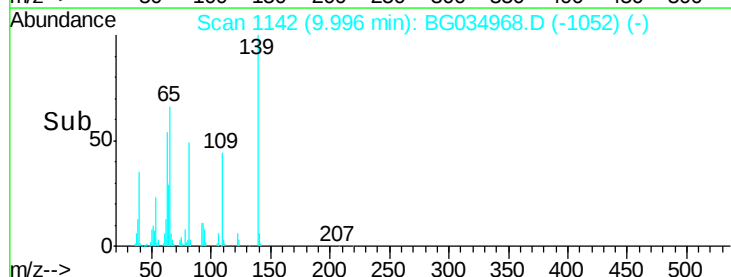
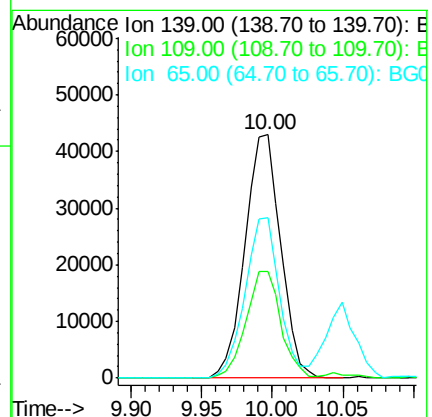
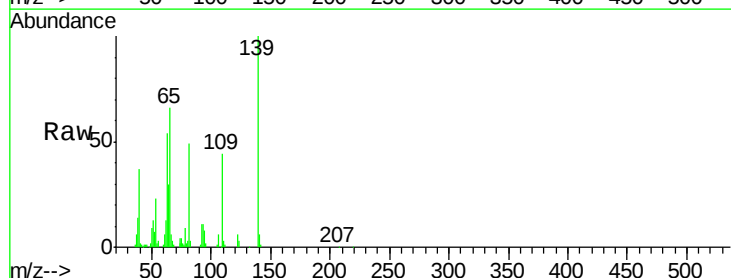
Tgt Ion: 139 Resp: 76156

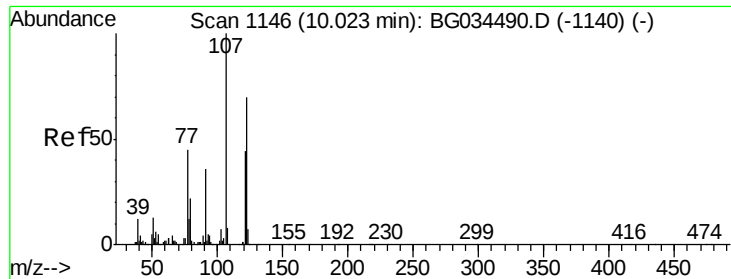
Ion Ratio Lower Upper

139 100

109 43.6 24.2 36.2#

65 65.7 47.4 71.0

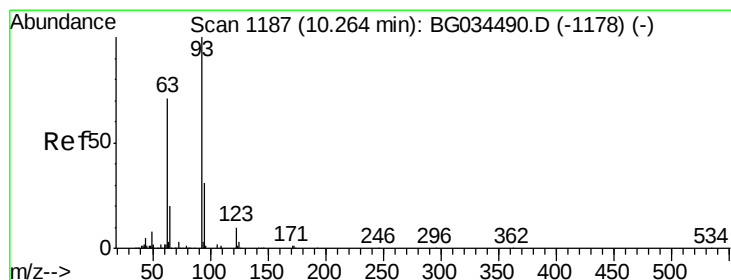
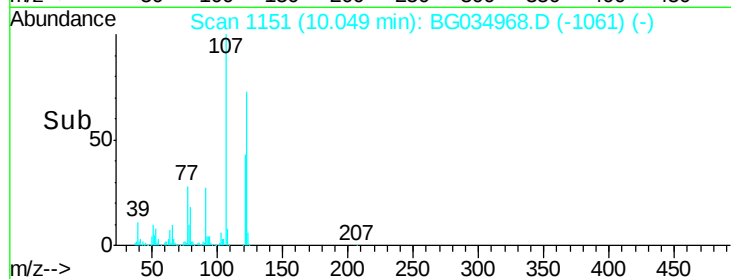
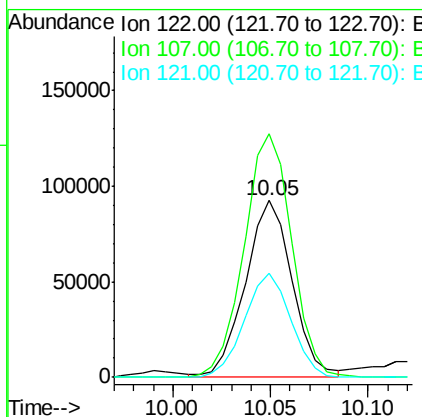
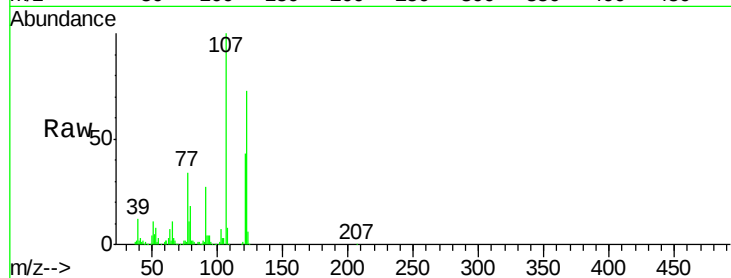




#27
 2,4-Dimethylphenol
 Concen: 50.60 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

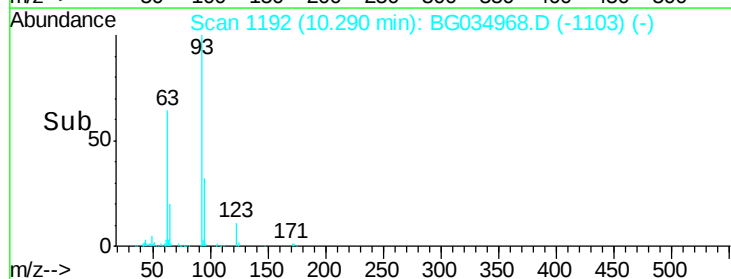
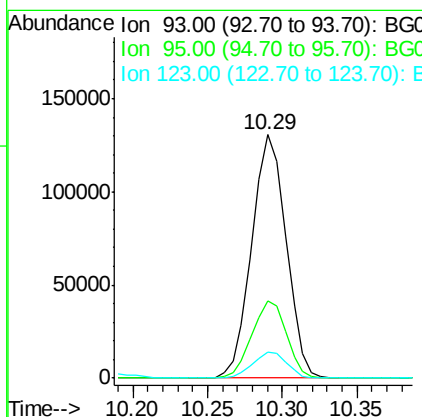
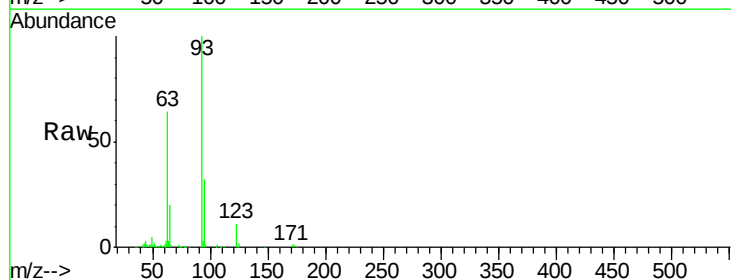
Instrument :
 BNA_G
 ClientSampleId :

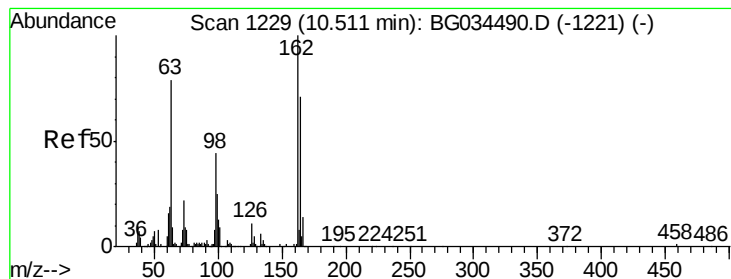
Tot Ion:122 Resp: 153764
 Ion Ratio Lower Upper
 122 100
 107 137.7 100.2 150.2
 121 59.2 44.4 66.6



#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: 93 Resp: 208048
 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 :

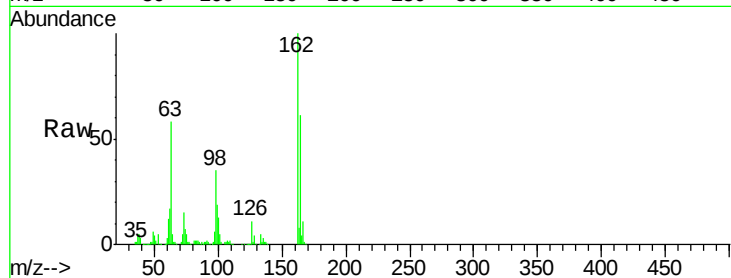
Tot Ion:162 Resp: 168801

Ion Ratio Lower Upper

162 100

164 60.6 48.0 88.0

98 35.4 21.1 61.1

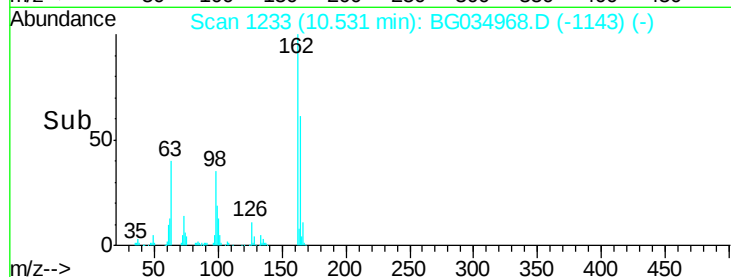


Abundance Ion 162.00 (161.70 to 162.70): E

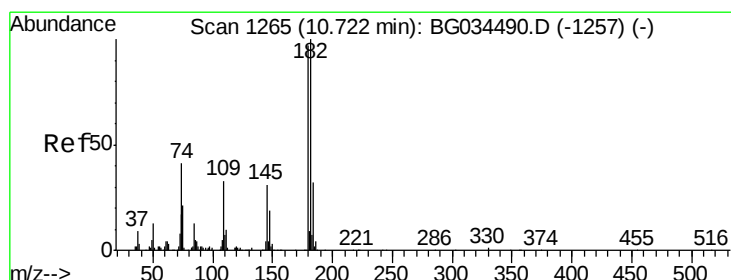
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



Time-->



#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

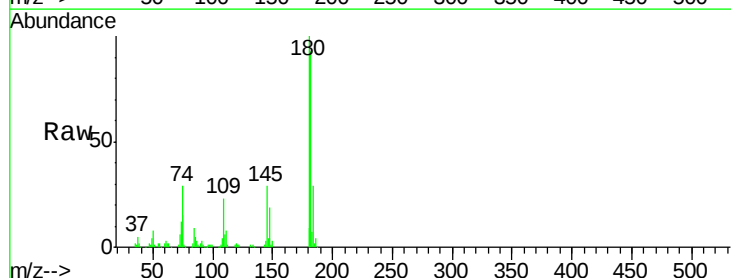
Tgt Ion:180 Resp: 168766

Ion Ratio Lower Upper

180 100

182 93.2 77.5 116.3

145 28.7 23.4 35.2

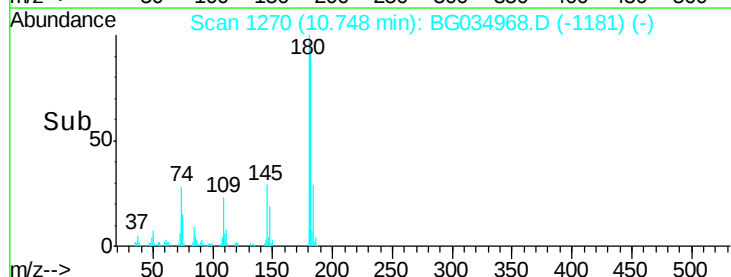


Abundance Ion 180.00 (179.70 to 180.70): E

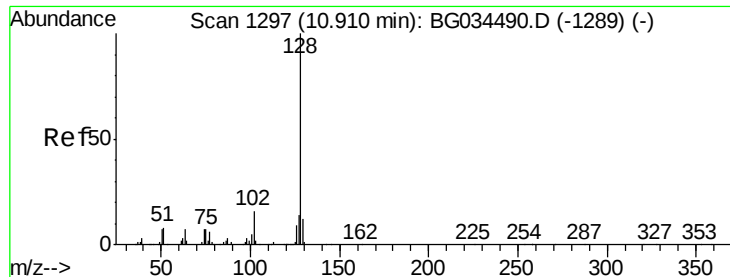
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



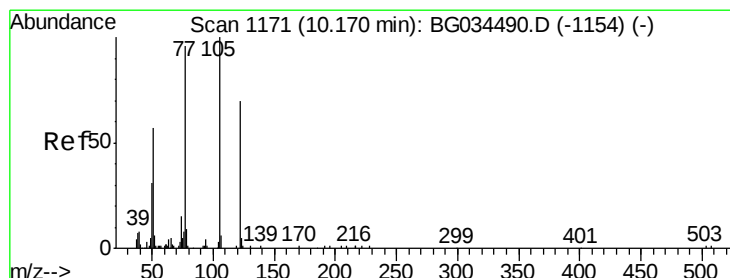
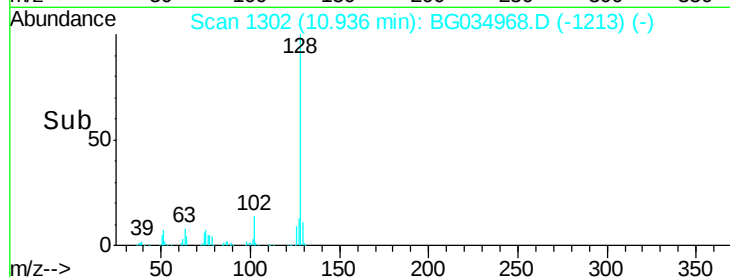
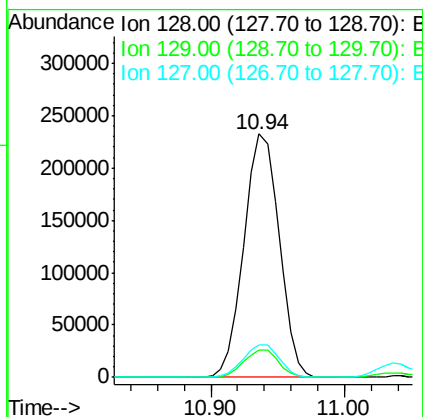
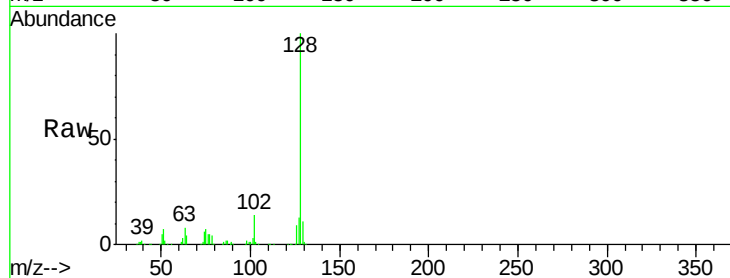
Time-->



#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

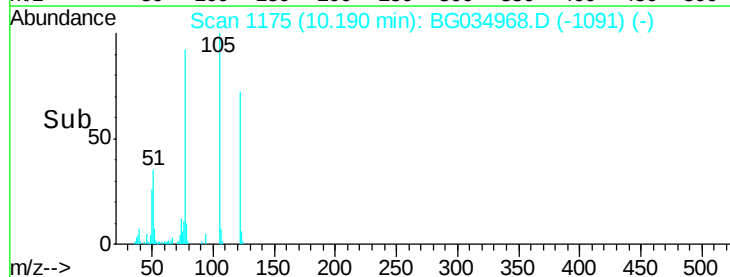
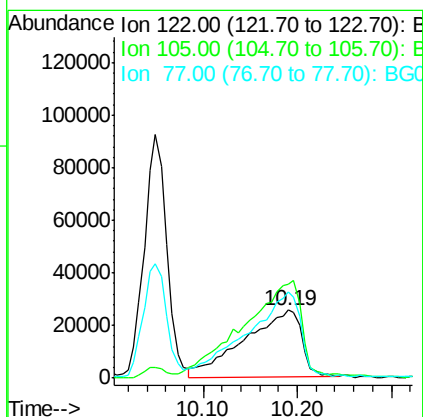
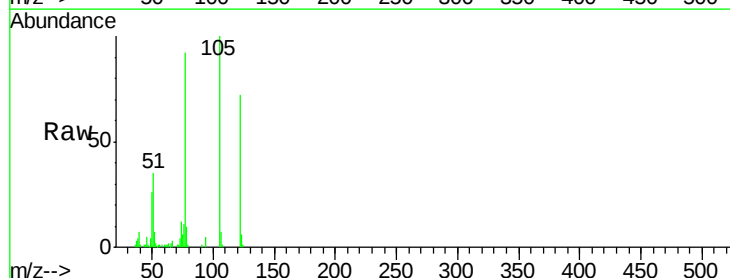
Instrument :
BNA_G
ClientSampleId :

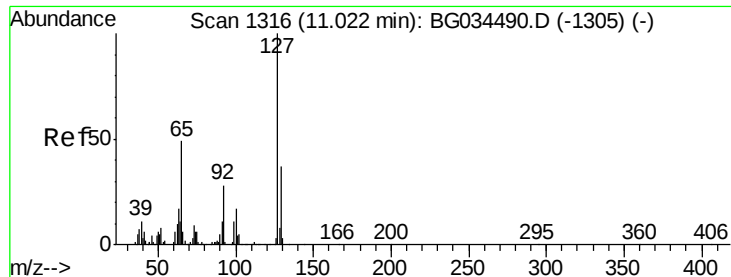
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.3	11.6	17.4



#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#

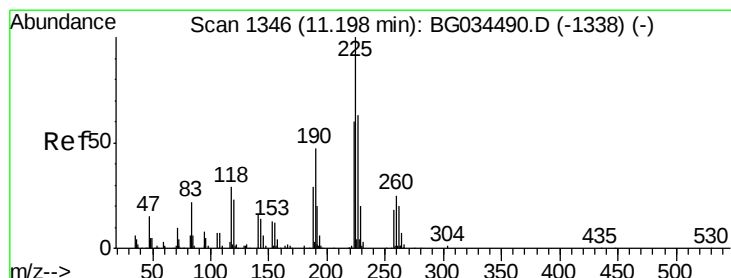
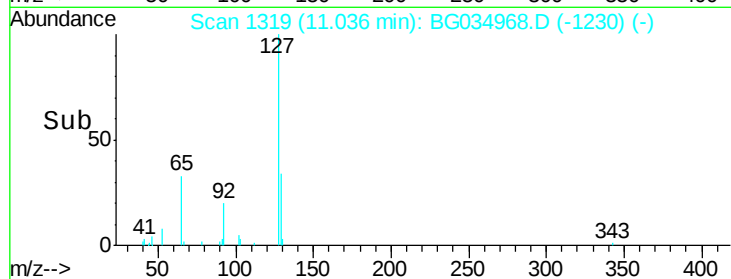
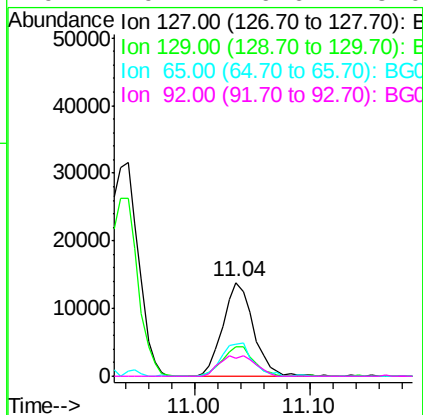
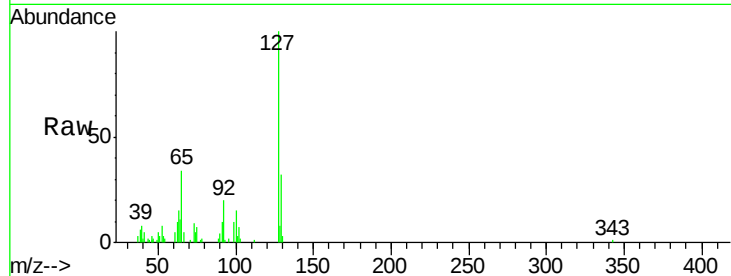




#33
4-Chloroaniline
Concen: 5.78 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

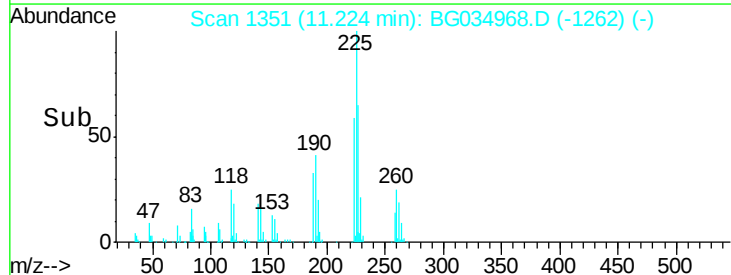
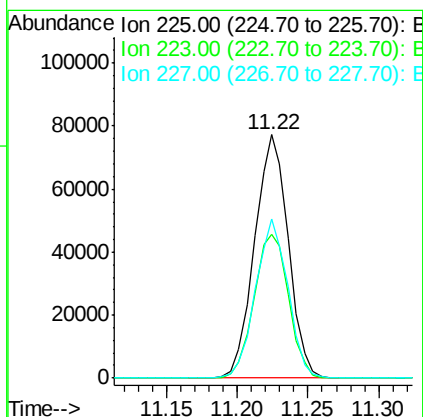
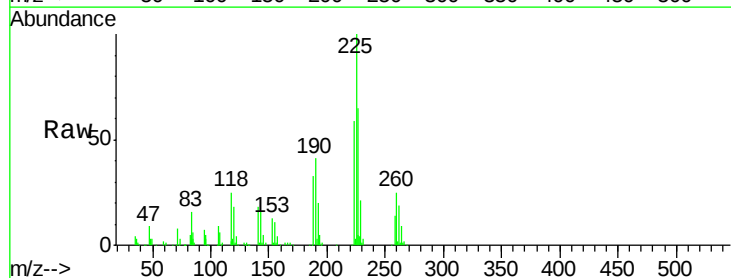
Instrument :
BNA_G
ClientSampleId :

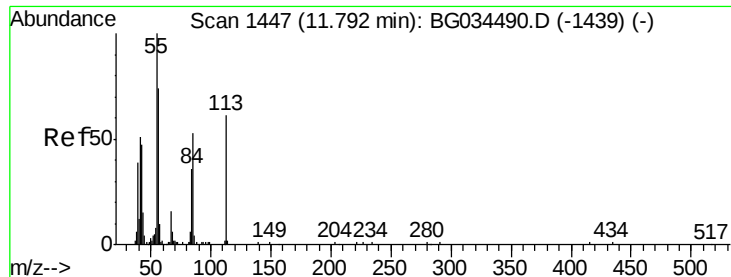
Tot Ion:	127	Resp:	25378
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	34.4	27.0	40.4
92	19.7	16.6	25.0



#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 :

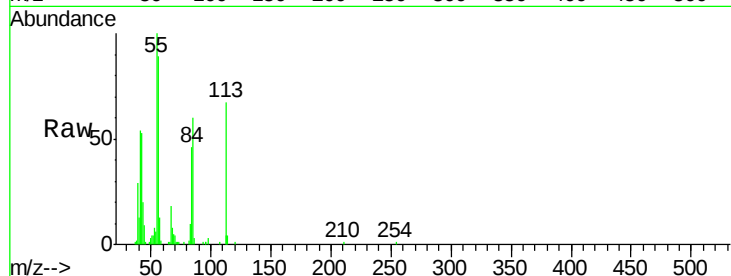
Tot Ion:113 Resp: 29880

Ion Ratio Lower Upper

113 100

55 148.6 186.9 226.9#

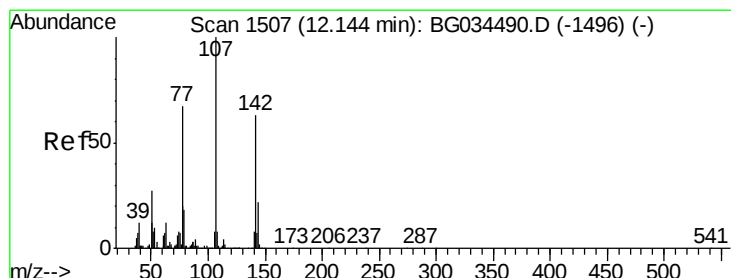
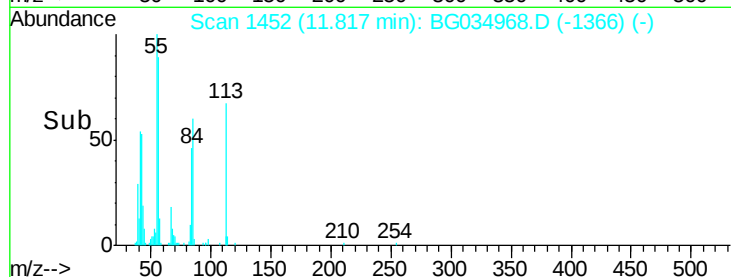
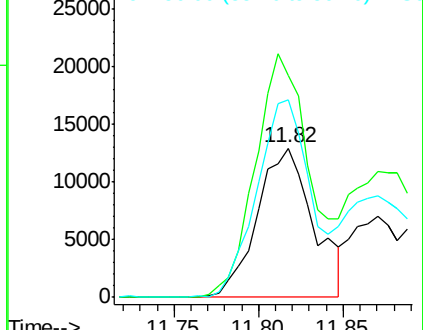
56 132.2 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG034490.D (-1439) (-)

Ion 56.00 (55.70 to 56.70): BG034490.D (-1439) (-)



#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

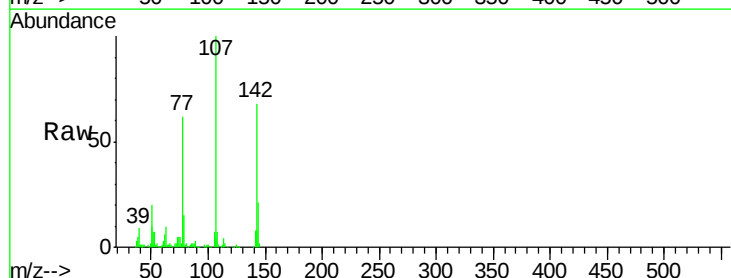
Tgt Ion:107 Resp: 208185

Ion Ratio Lower Upper

107 100

144 21.0 18.2 27.4

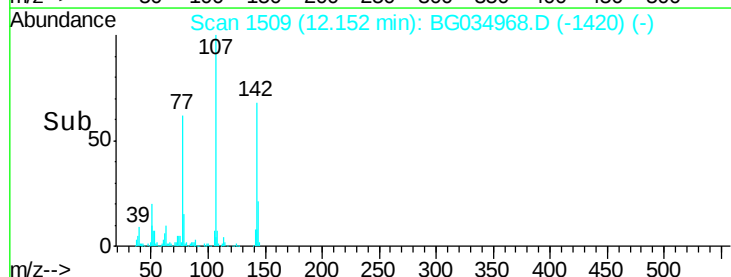
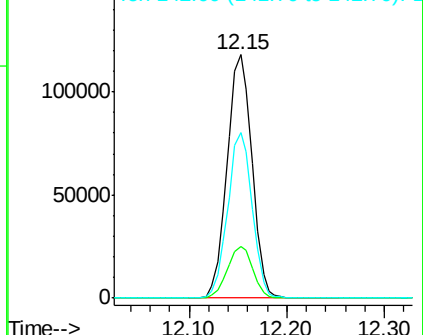
142 68.1 59.0 88.4

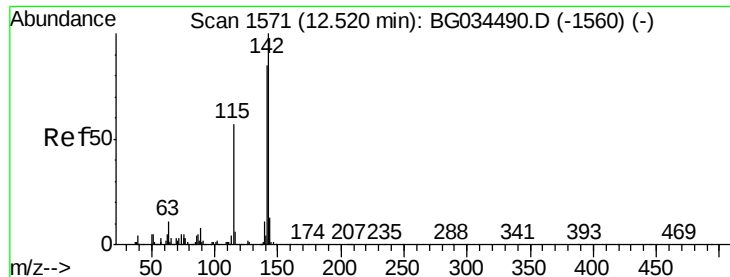


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

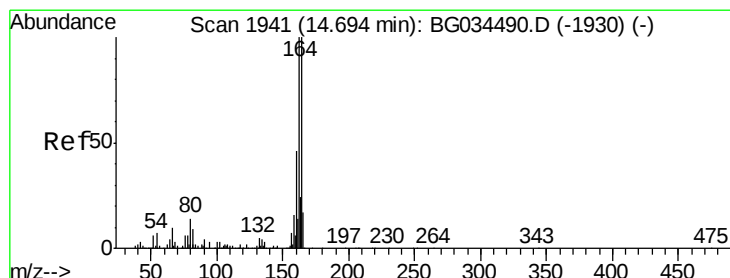
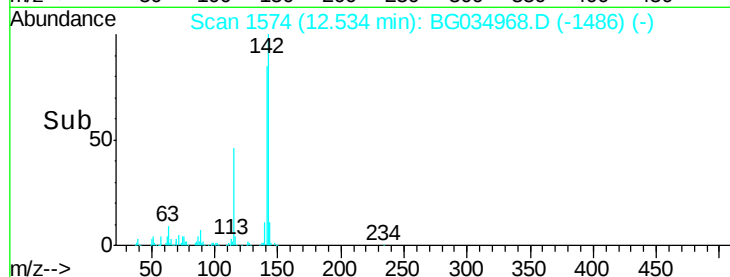
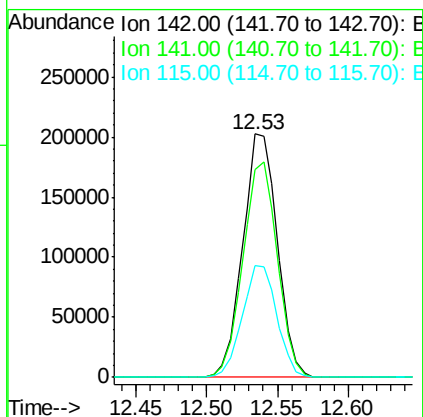
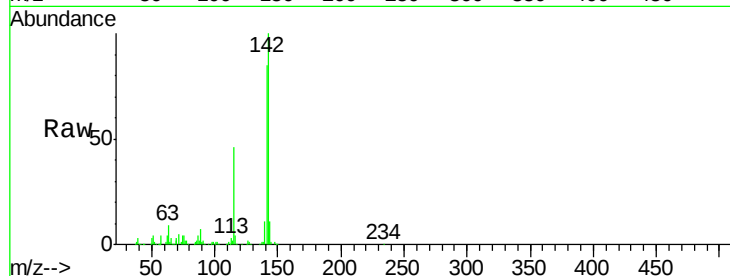




#37
 2-Methylnaphthalene
 Concen: 45.26 ng
 RT: 12.53 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

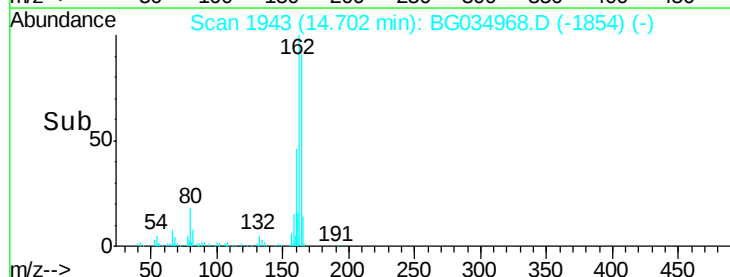
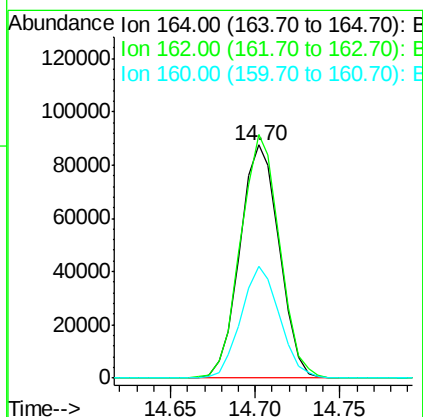
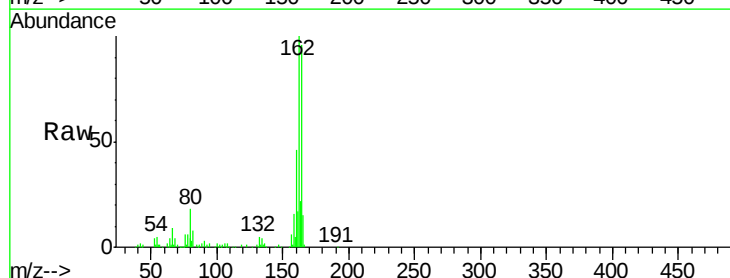
Instrument :
 BNA_G
 ClientSampled :

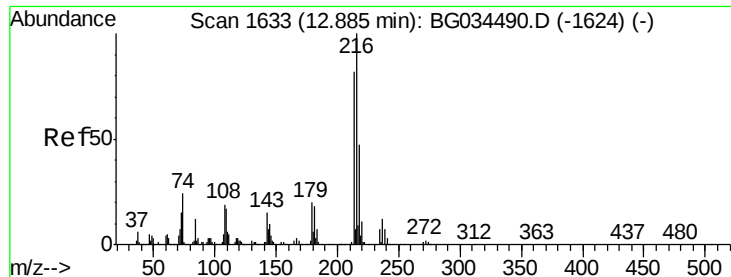
Tot Ion:142 Resp: 347071
 Ion Ratio Lower Upper
 142 100
 141 85.4 67.1 100.7
 115 45.8 30.7 46.1



#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 :

Tot Ion:216 Resp: 226979

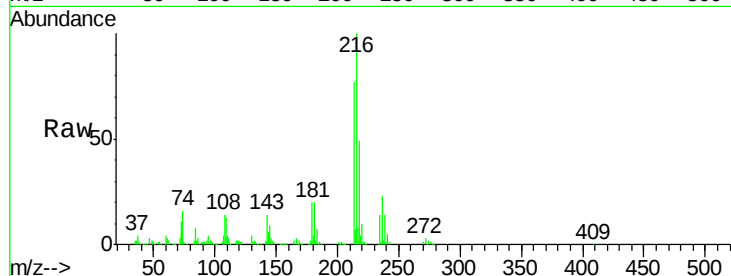
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.8 17.0 25.6

108 18.9 12.8 19.2

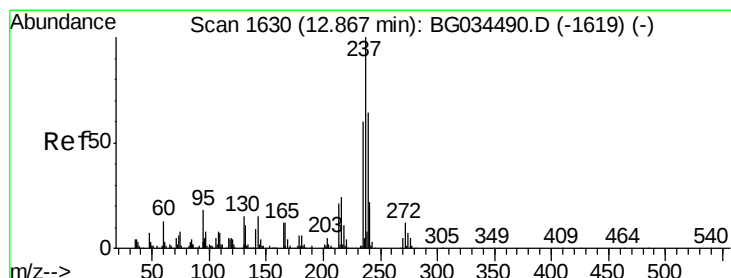
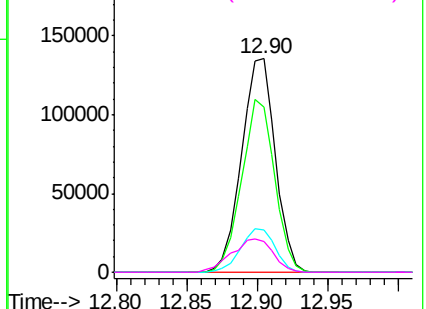
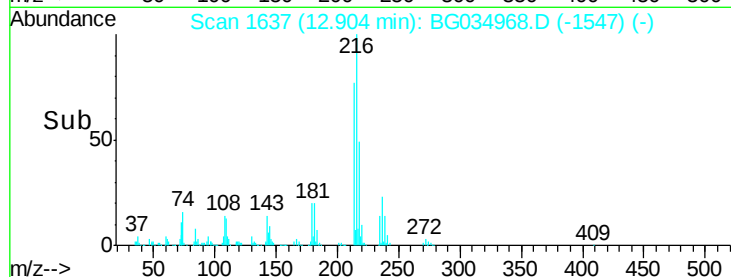


Abundance Ion 216.00 (215.70 to 216.70): E

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

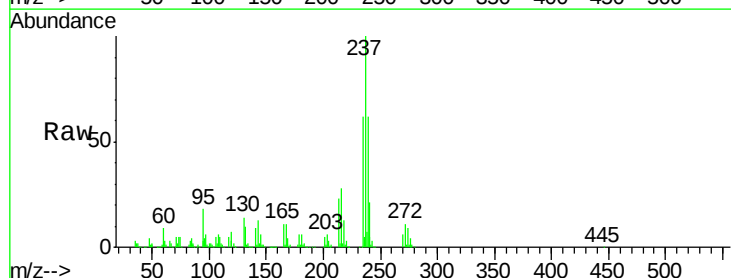
Tgt Ion:237 Resp: 335043

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

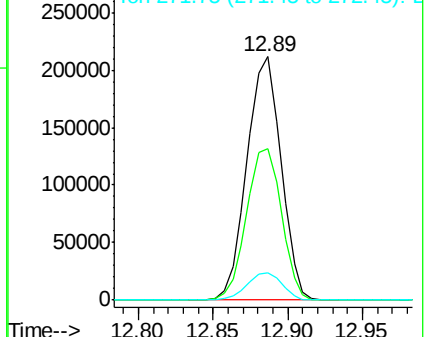
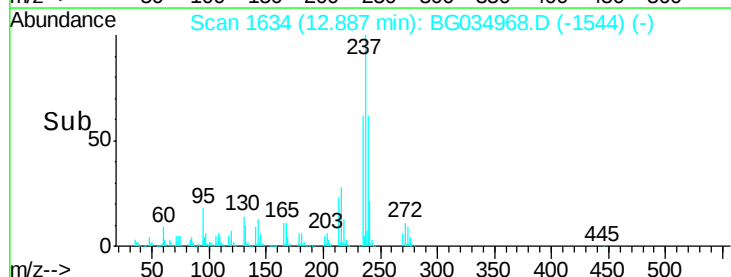
272 11.3 0.0 31.8

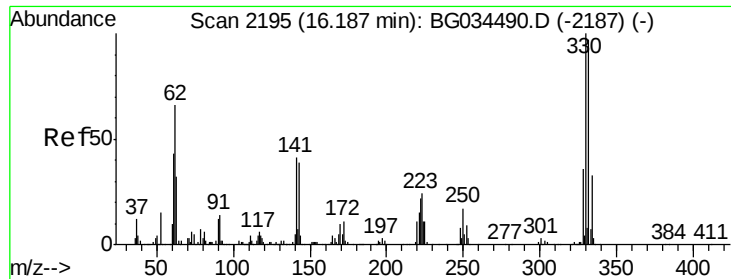


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

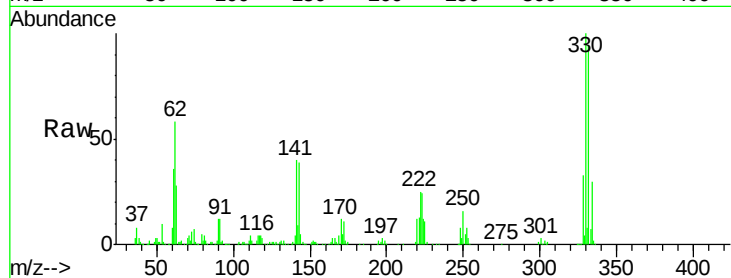




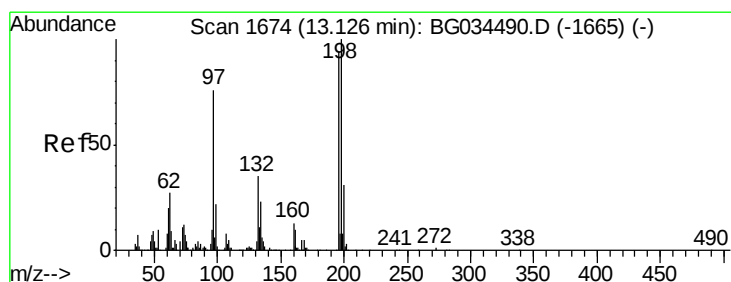
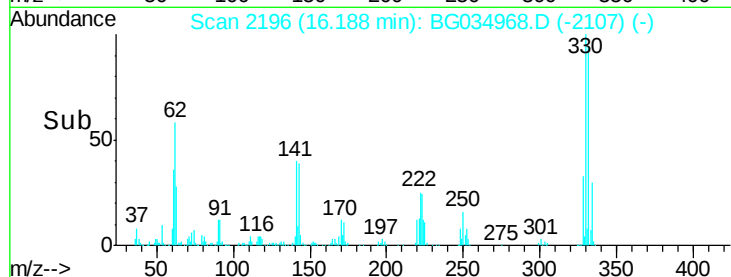
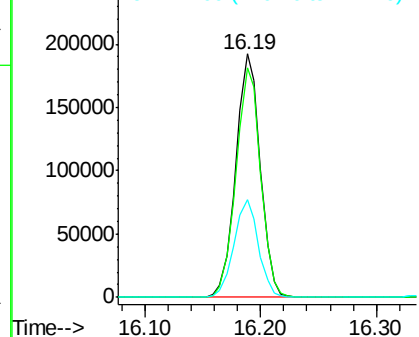
#41
 2,4,6-Tribromophenol
 Concen: 155.20 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

Instrument :
 BNA_G
 ClientSampleId :

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#

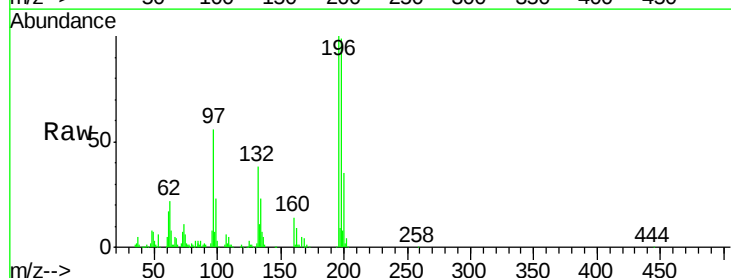


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

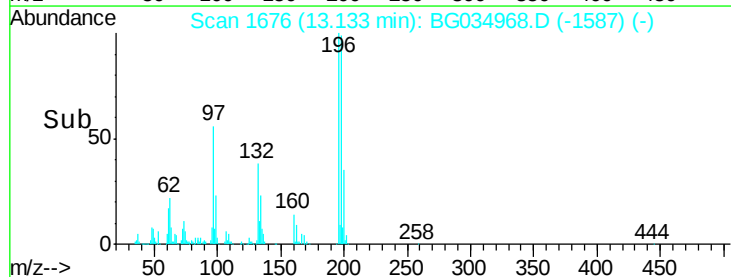
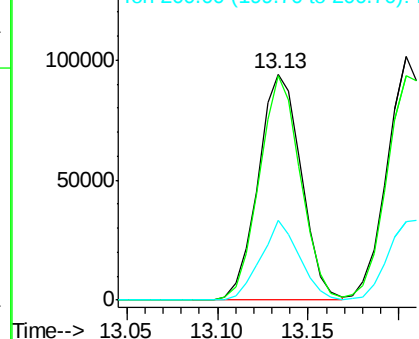


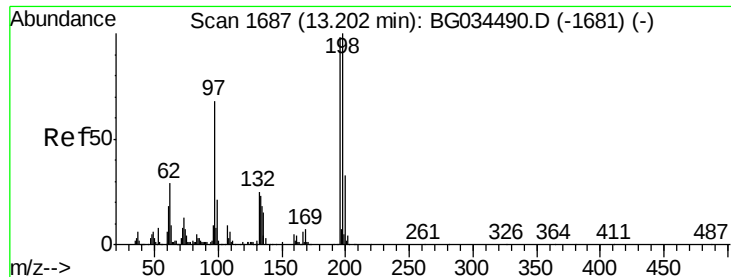
#42
 2,4,6-Trichlorophenol
 Concen: 49.58 ng
 RT: 13.13 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

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

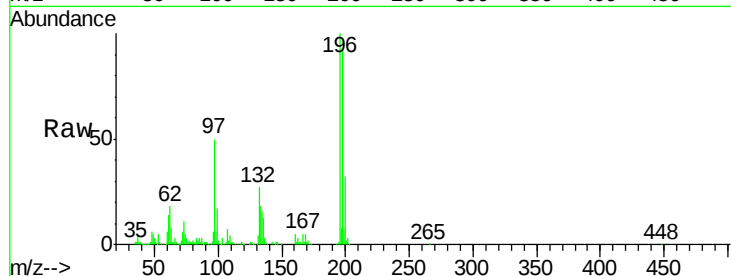




#43
2,4,5-Trichlorophenol
Concen: 47.63 ng
RT: 13.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Instrument :
BNA_G
ClientSampleId :

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



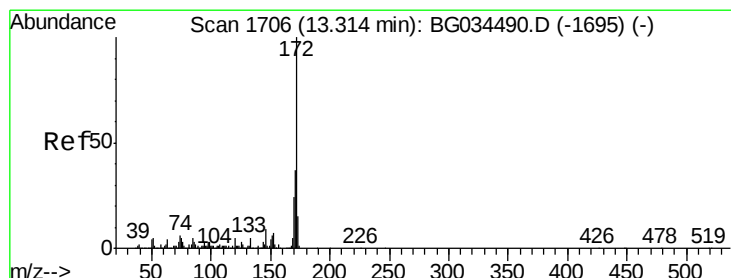
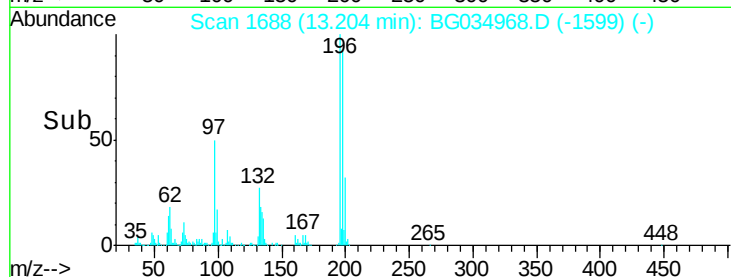
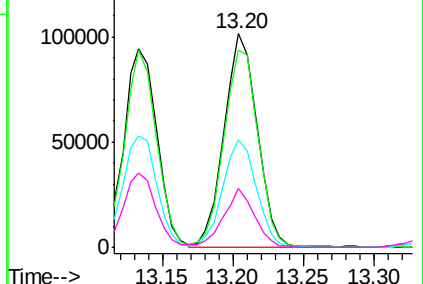
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

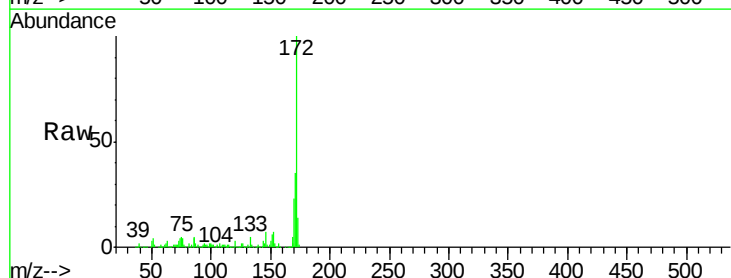
Ion 97.00 (96.70 to 97.70): BGC

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

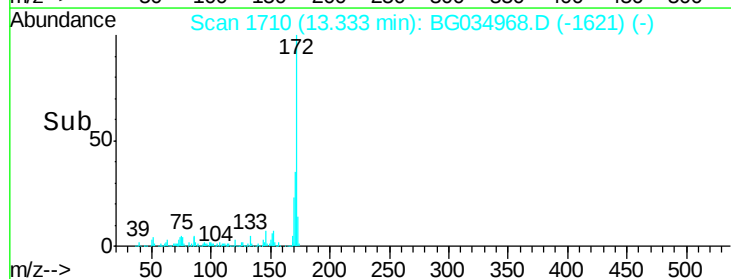
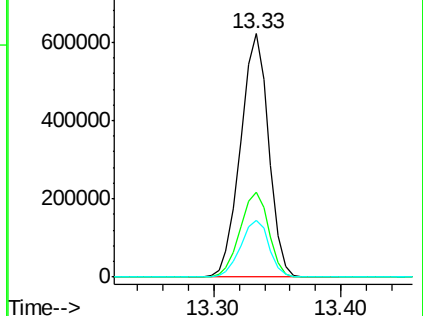


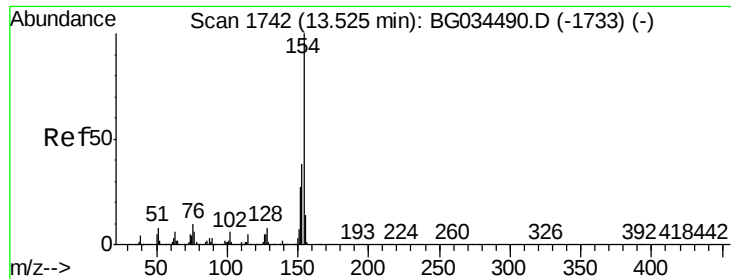
Abundance

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

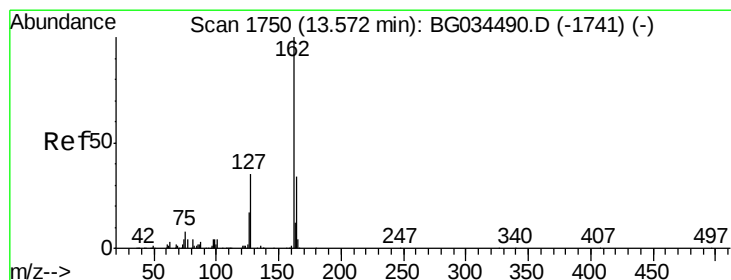
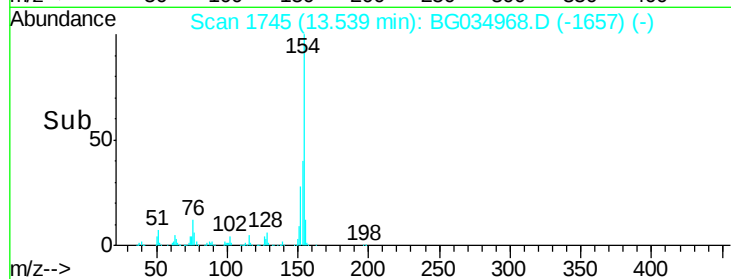
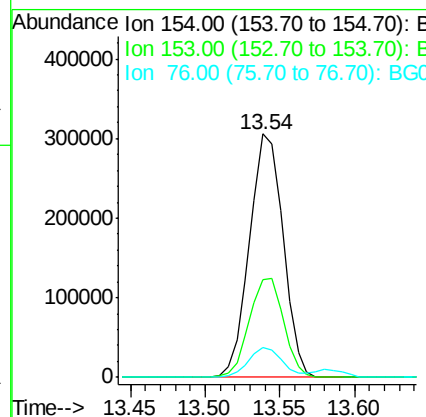
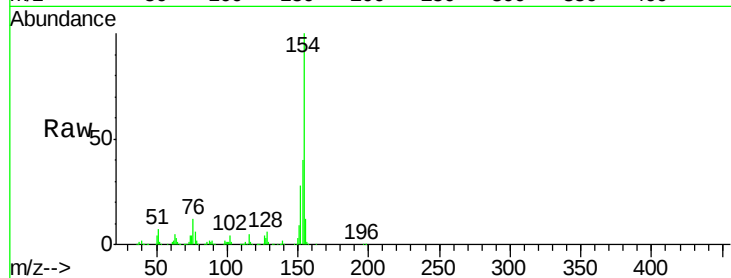




#45
 1,1'-Biphenyl
 Concen: 41.87 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

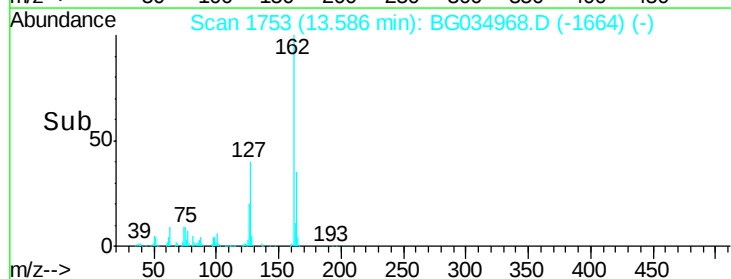
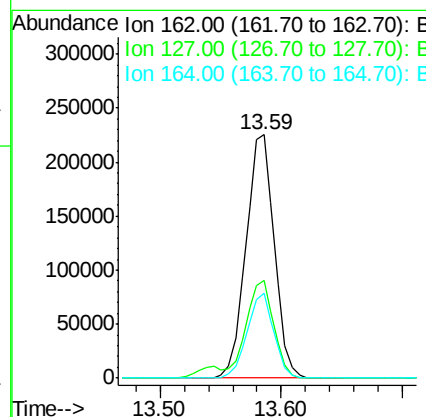
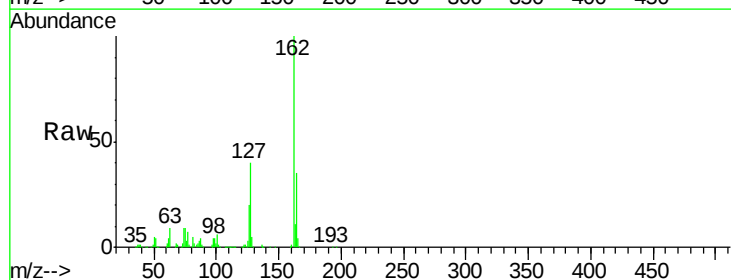
Instrument :
 BNA_G
 ClientSampleId :

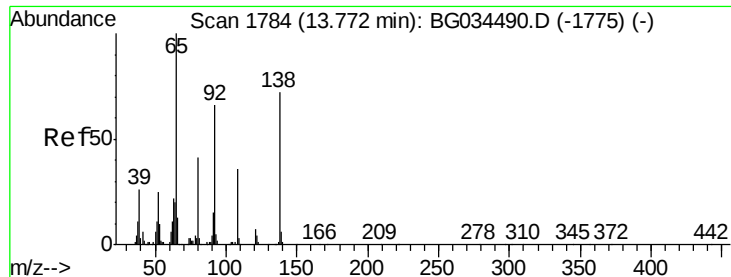
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.8	59.8
76	12.1	0.0	31.9



#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

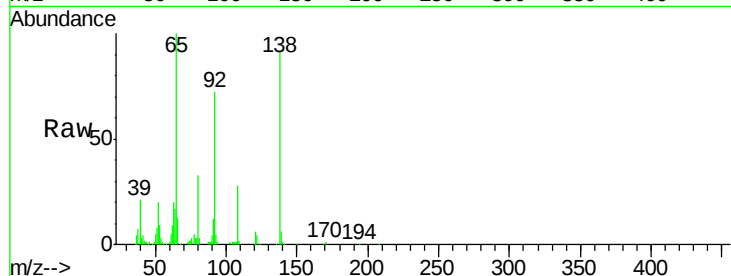
Instrument :

BNA_G

ClientSampleId :

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

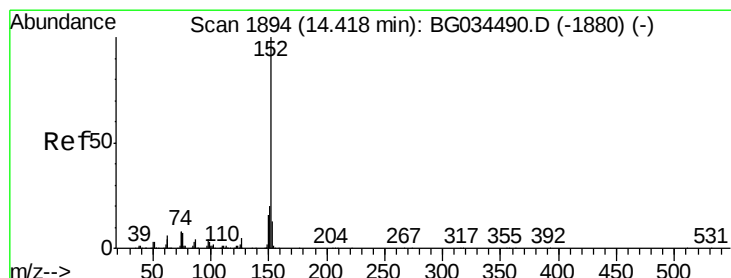
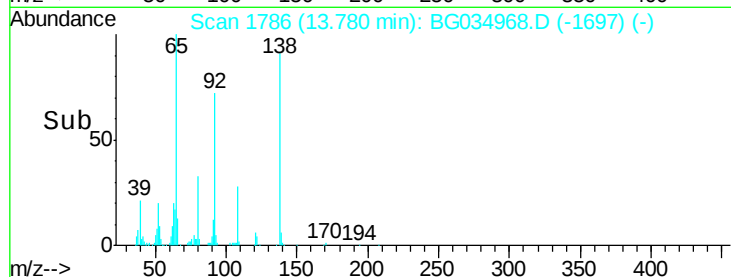
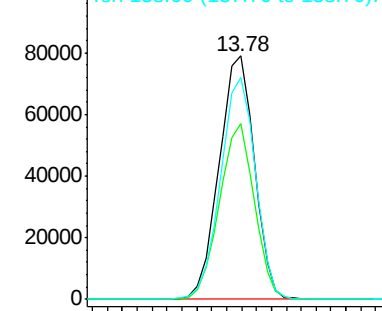


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.46 ng

RT: 14.43 min Scan# 1896

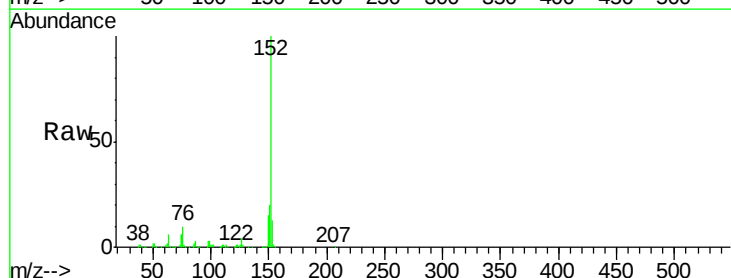
Delta R.T. -0.01 min

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

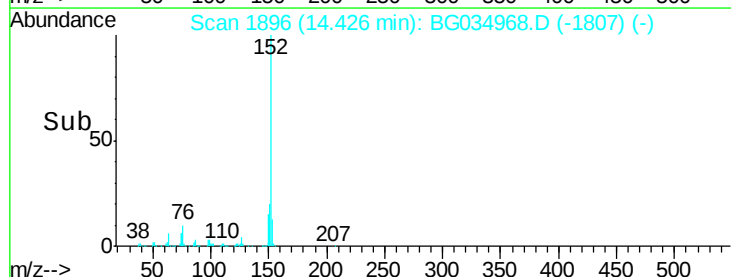
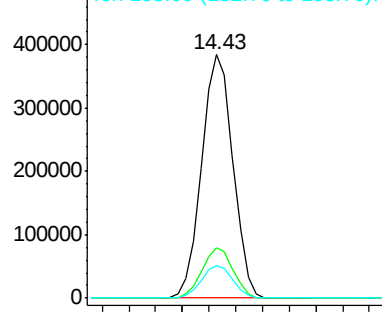


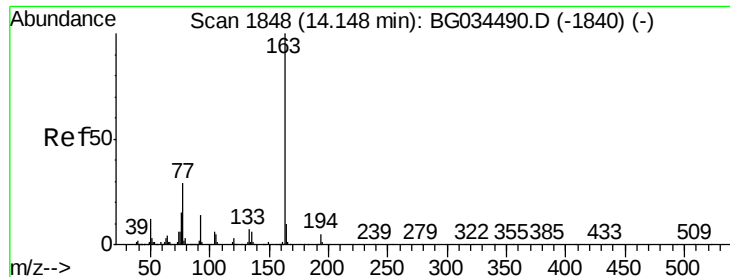
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 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 :

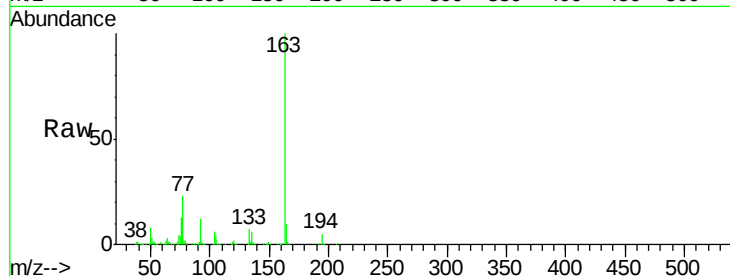
Tot Ion:163 Resp: 518911

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

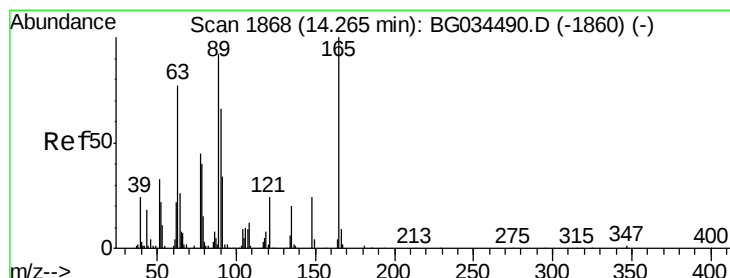
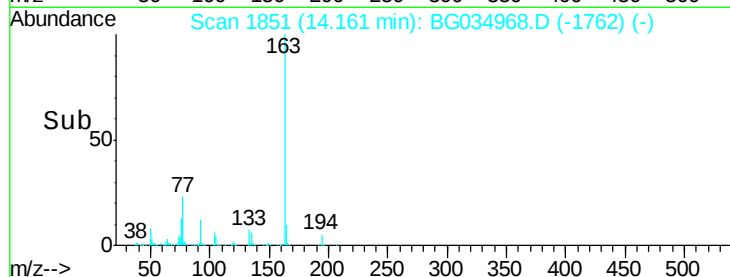
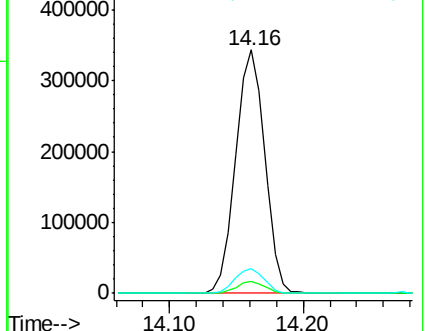
164 10.1 8.2 12.4



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

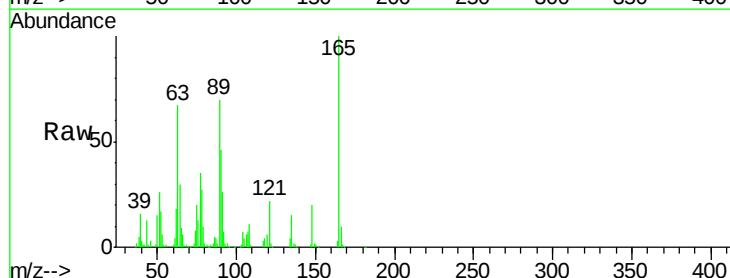
Tgt Ion:165 Resp: 110610

Ion Ratio Lower Upper

165 100

63 67.2 52.7 79.1

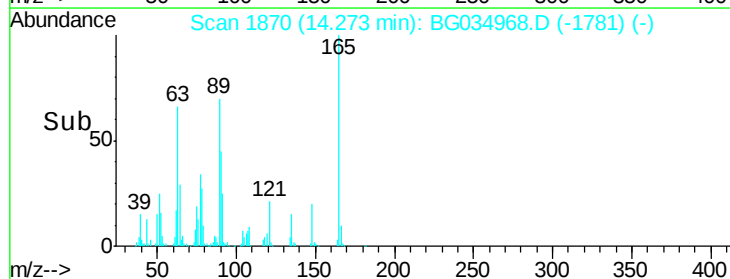
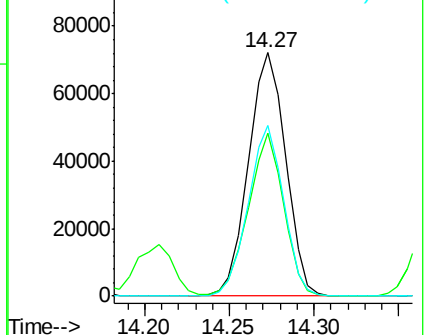
89 70.1 49.2 73.8

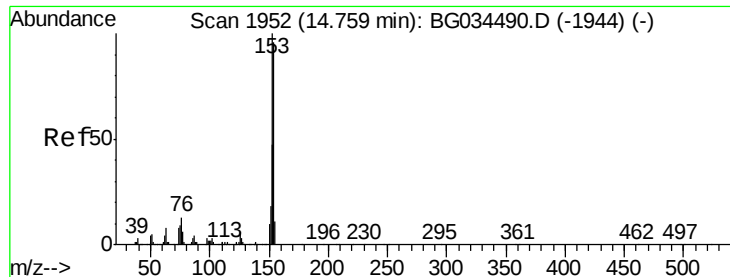


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

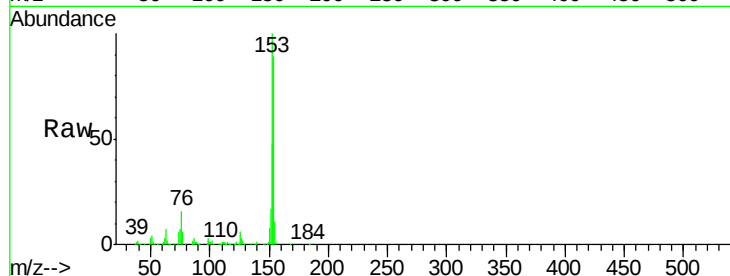
Tot Ion:154 Resp: 390841

Ion Ratio Lower Upper

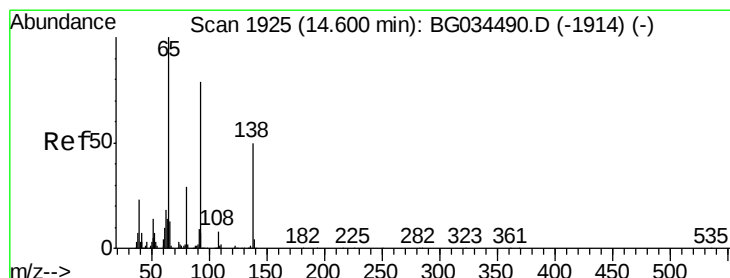
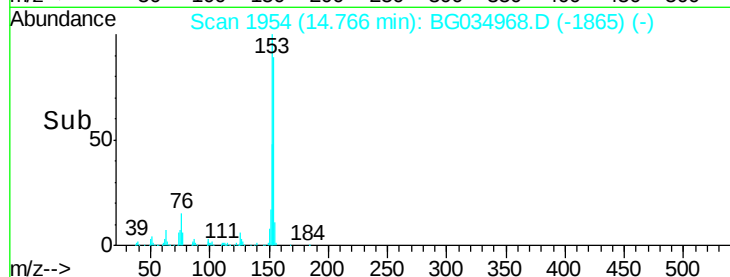
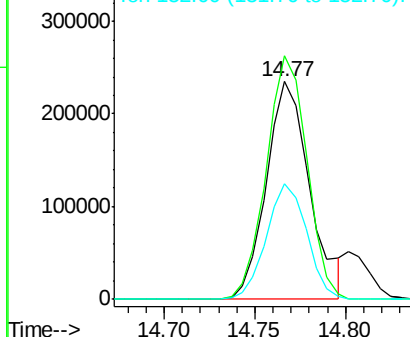
154 100

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

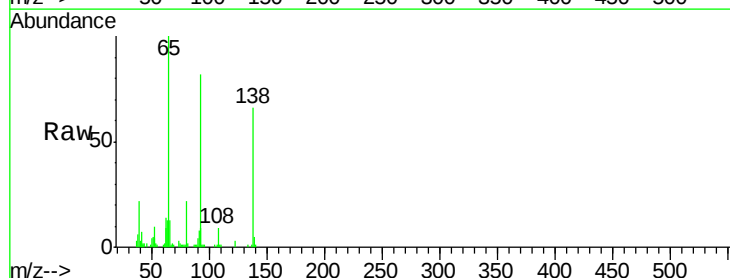
Tgt Ion:138 Resp: 29626

Ion Ratio Lower Upper

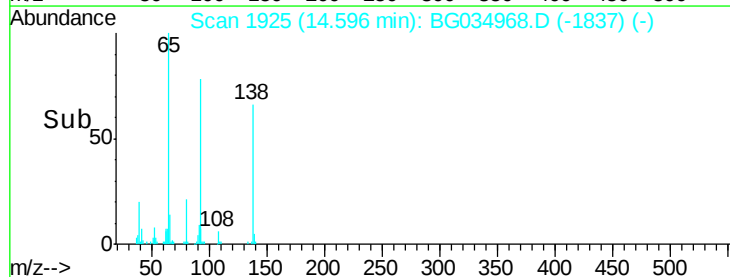
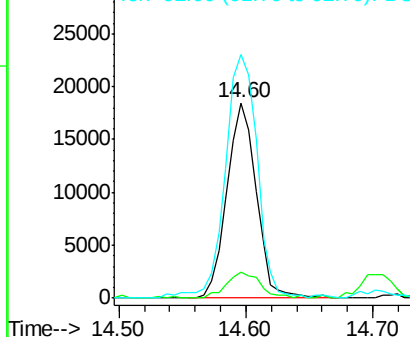
138 100

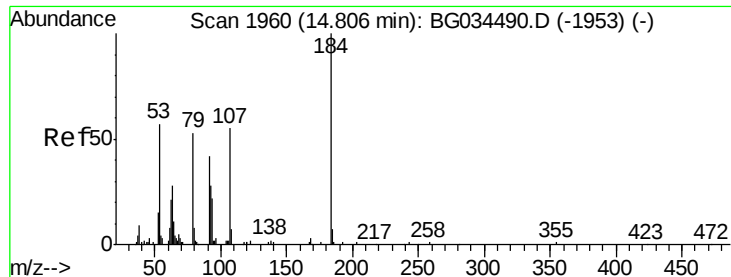
108 13.4 17.5 26.3#

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

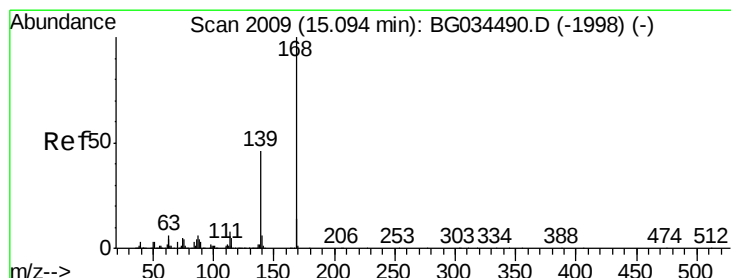
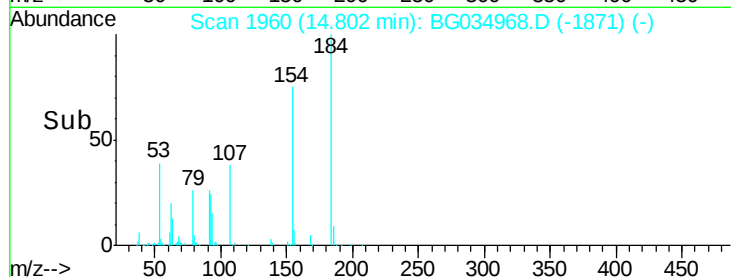
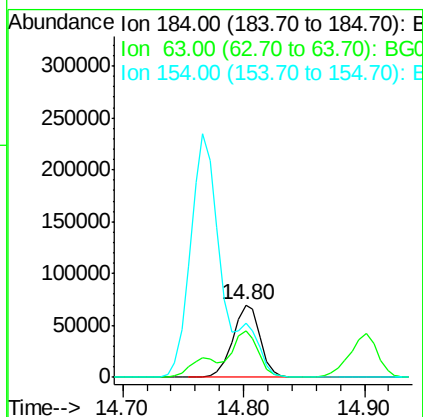
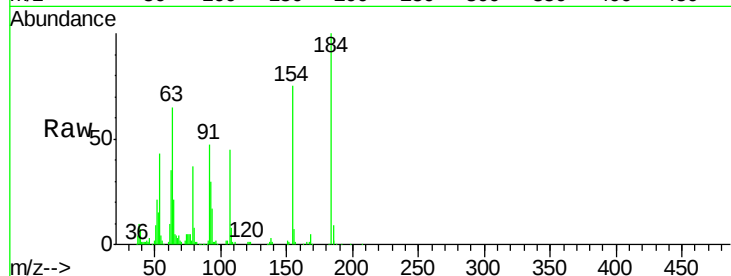




#53
2,4-Dinitrophenol
Concen: 119.27 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

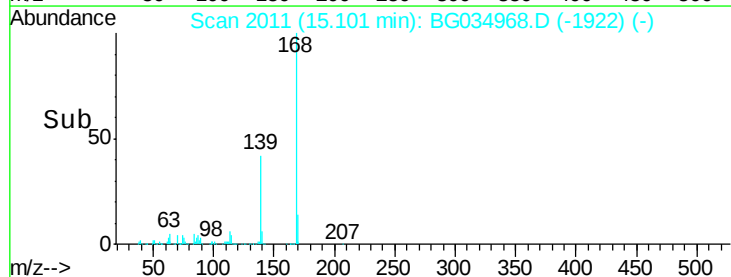
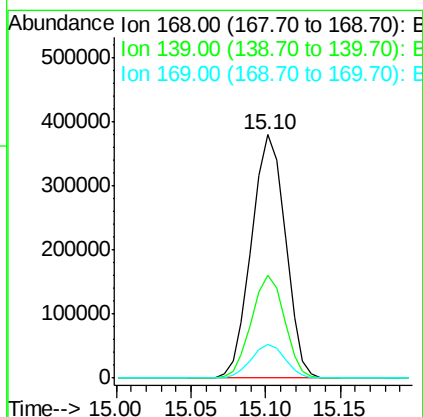
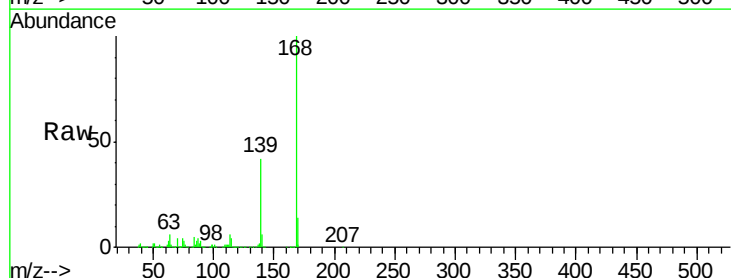
Instrument :
BNA_G
ClientSampleId :

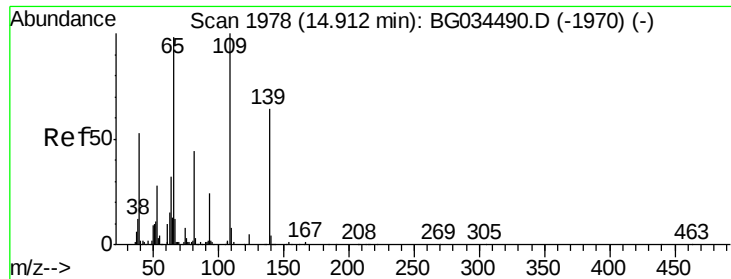
Tot Ion:184 Resp: 108564
Ion Ratio Lower Upper
184 100
63 65.3 59.8 89.8
154 74.8 101.8 152.8#



#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

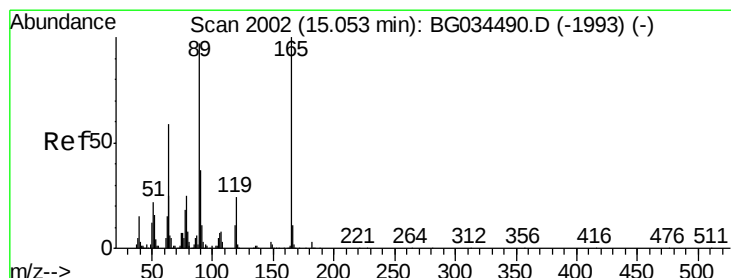
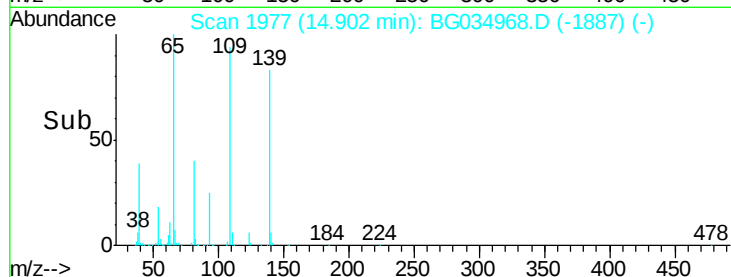
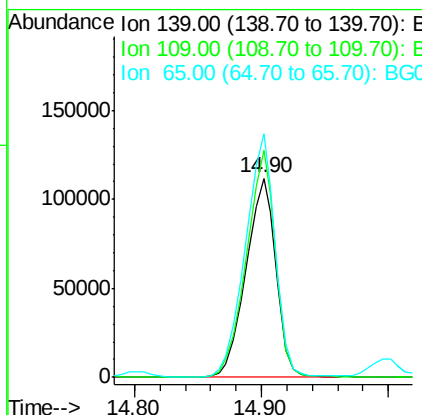
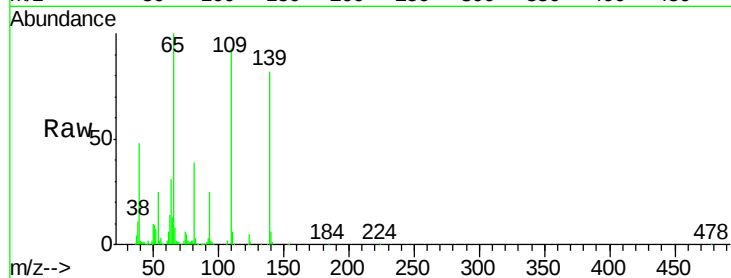




#55
4-Nitrophenol
Concen: 98.48 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

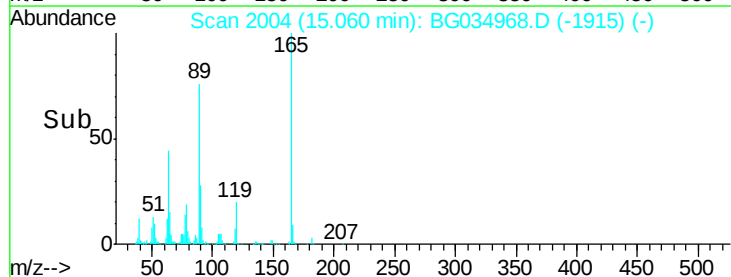
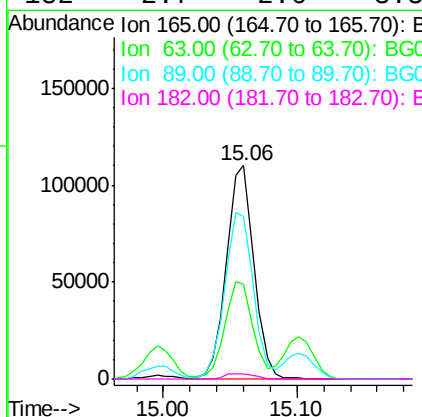
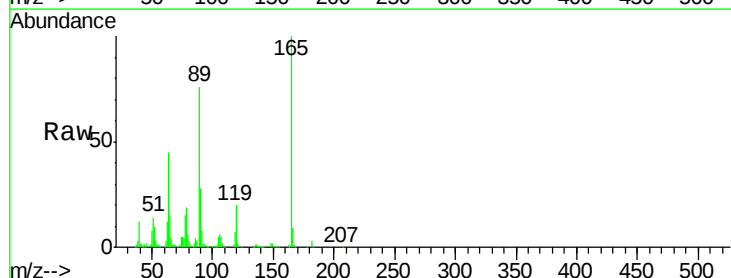
Instrument :
BNA_G
ClientSampleId :

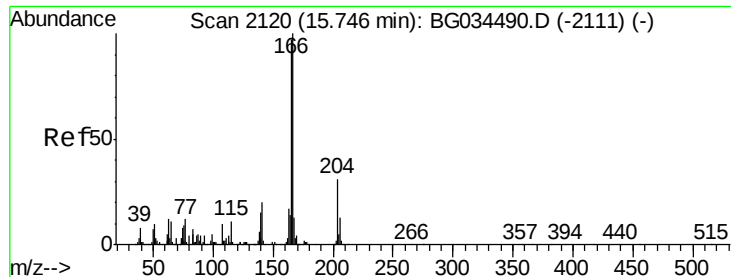
Tot Ion:139 Resp: 183419
Ion Ratio Lower Upper
139 100
109 113.8 62.2 102.2#
65 122.3 97.2 137.2



#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





#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 :

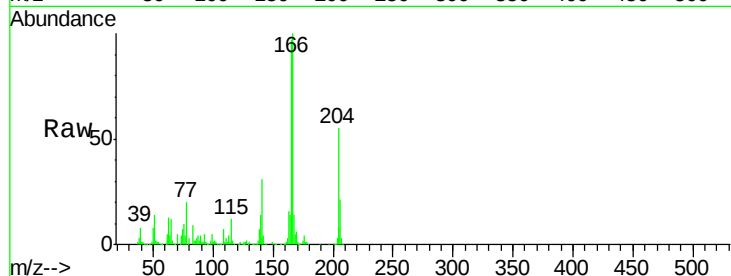
Tot Ion:166 Resp: 500489

Ion Ratio Lower Upper

166 100

165 97.1 80.6 121.0

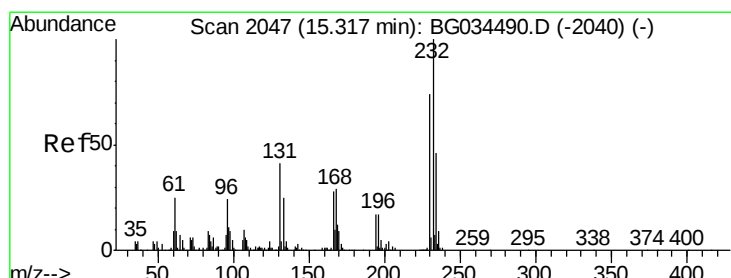
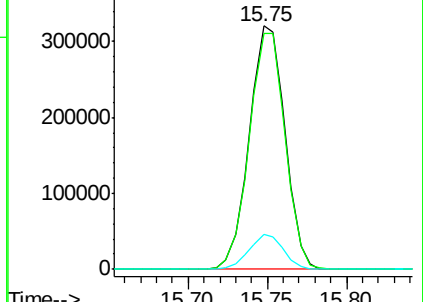
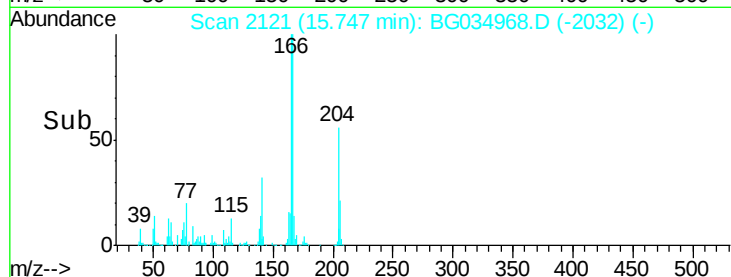
167 14.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 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:232 Resp: 168406

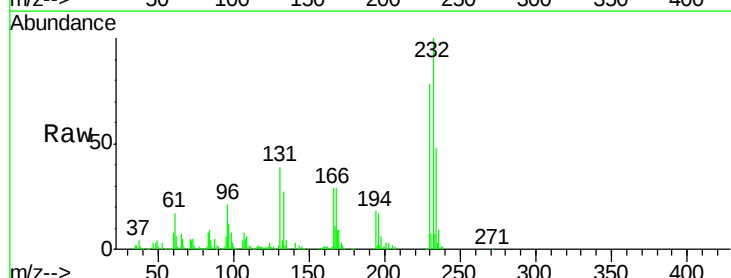
Ion Ratio Lower Upper

232 100

131 38.1 33.5 50.3

130 2.2 2.2 3.2

166 29.1 24.8 37.2

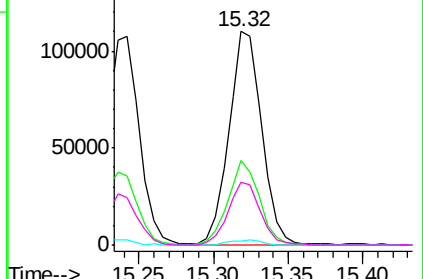
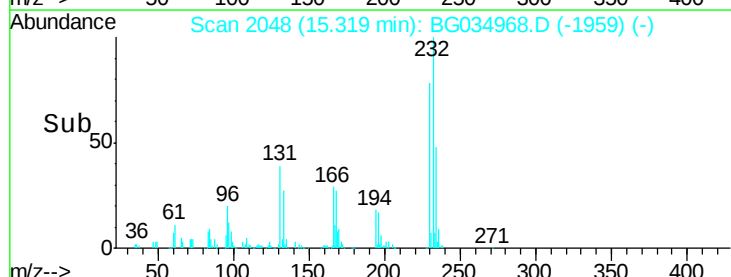


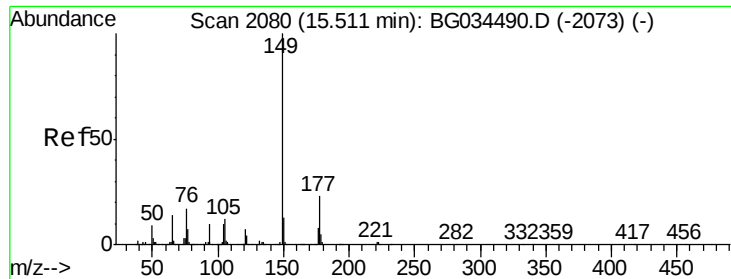
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

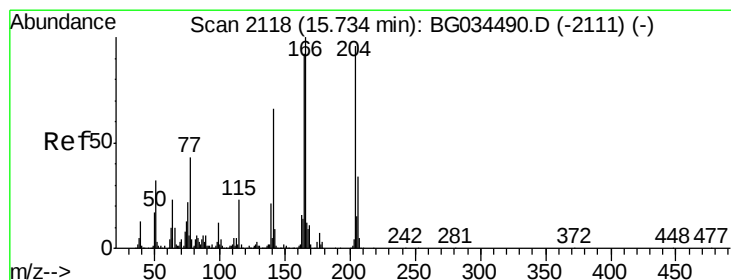
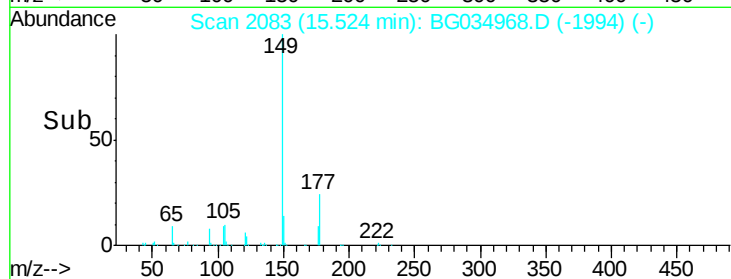
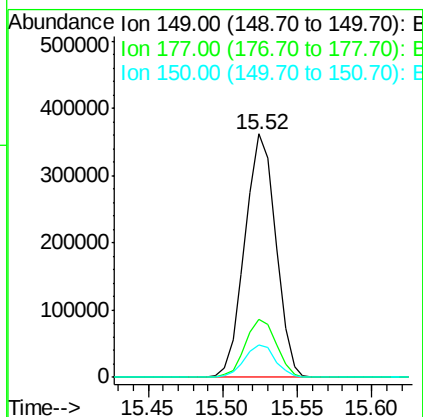
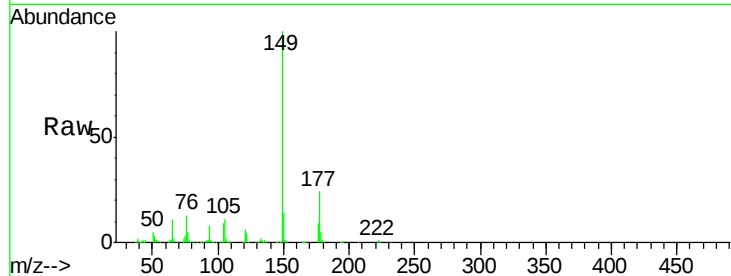




#59
Diethylphthalate
Concen: 41.25 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

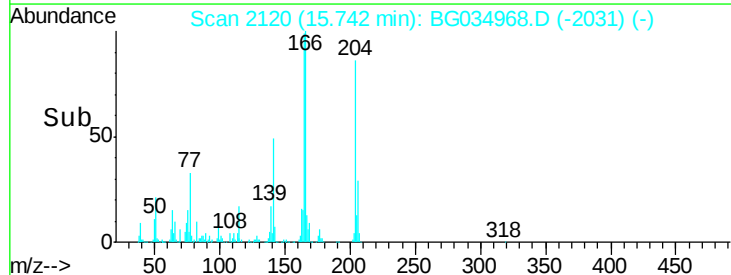
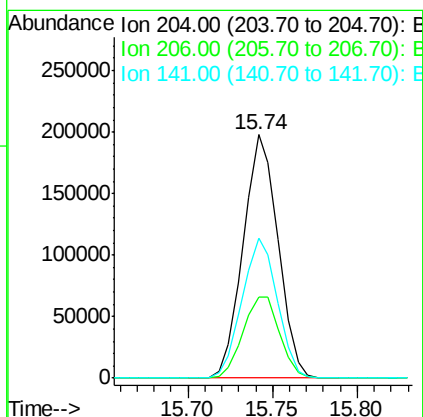
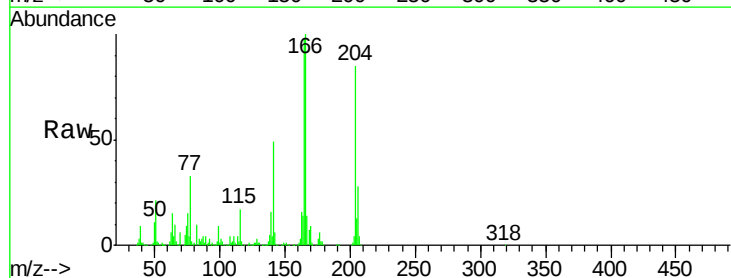
Instrument :
BNA_G
ClientSampleId :

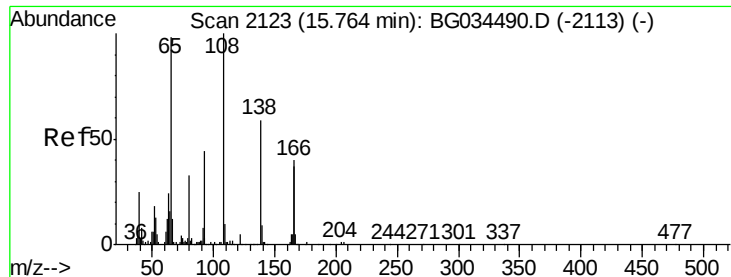
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.6	10.2	15.2



#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

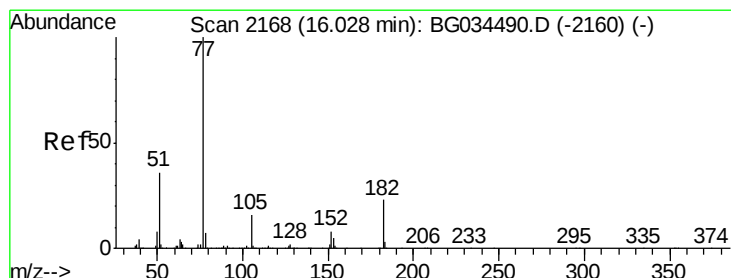
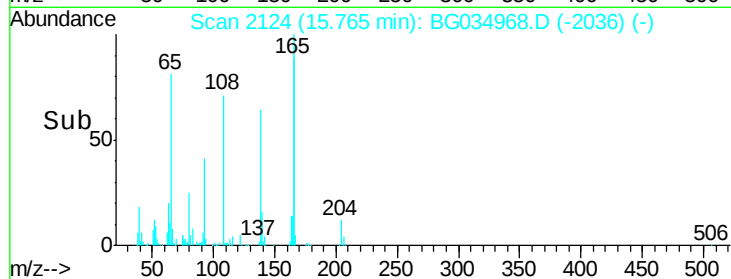
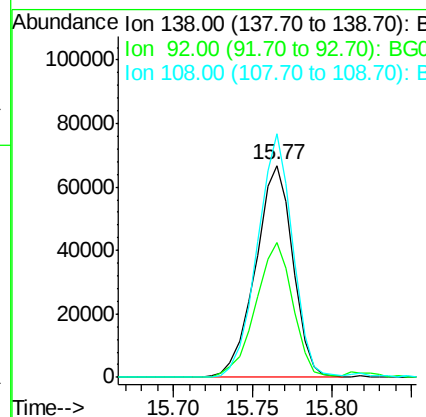
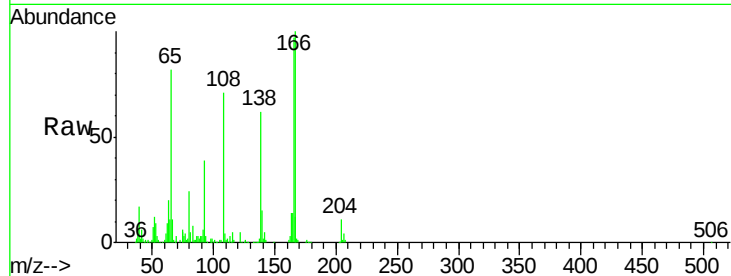




#61
4-Nitroaniline
Concen: 46.37 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

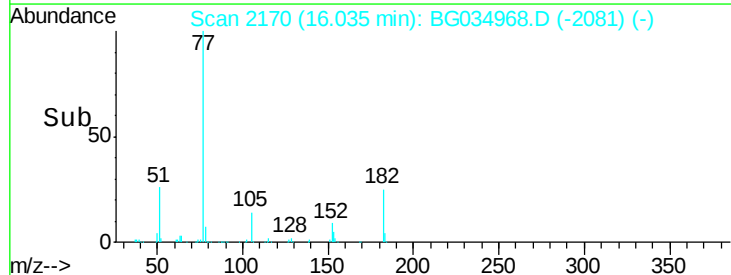
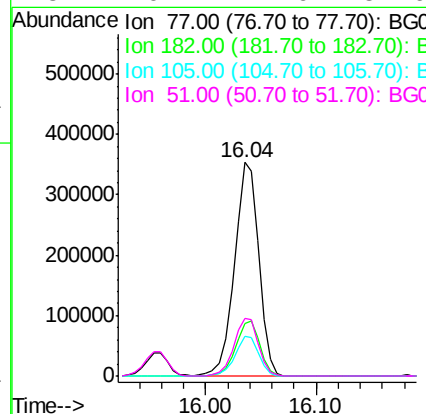
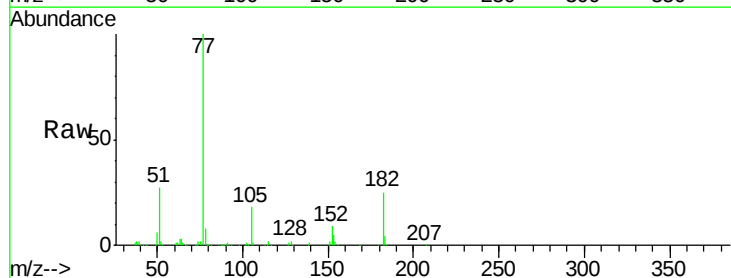
Instrument :
BNA_G
ClientSampled :

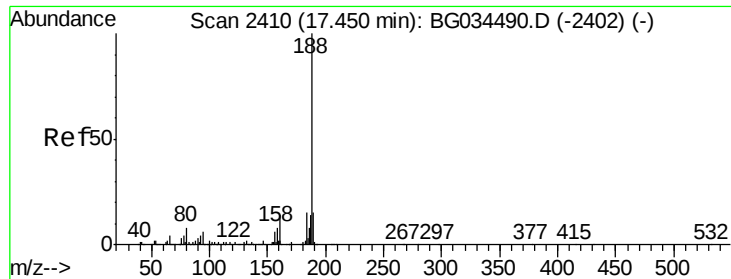
Tot Ion:138 Resp: 109749
Ion Ratio Lower Upper
138 100
92 63.8 40.1 80.1
108 114.8 65.4 105.4#



#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

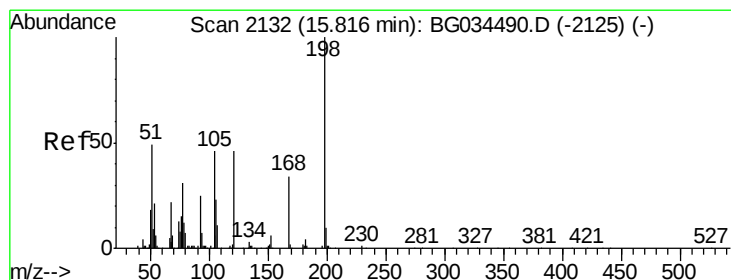
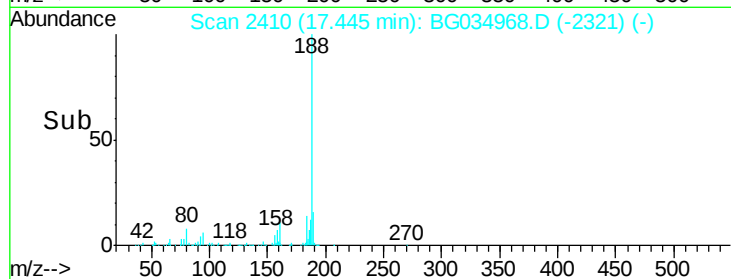
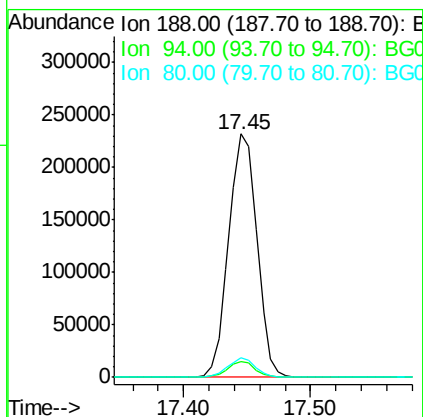
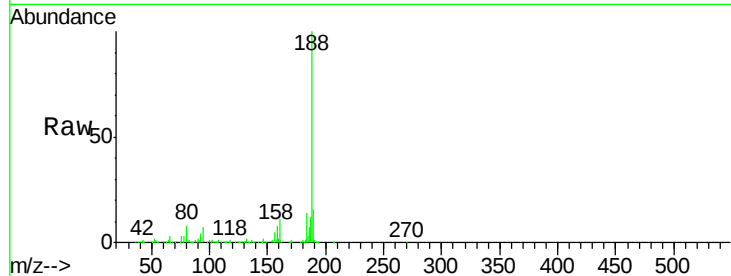




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

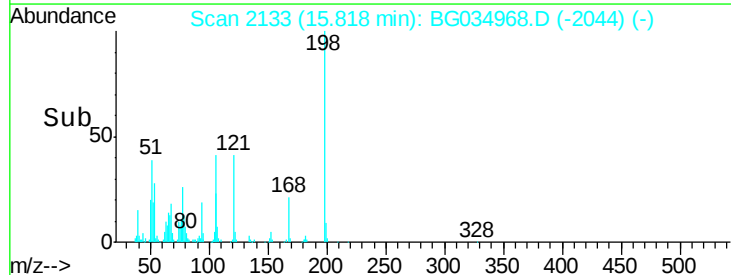
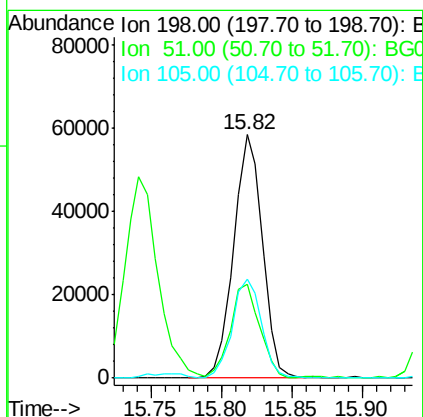
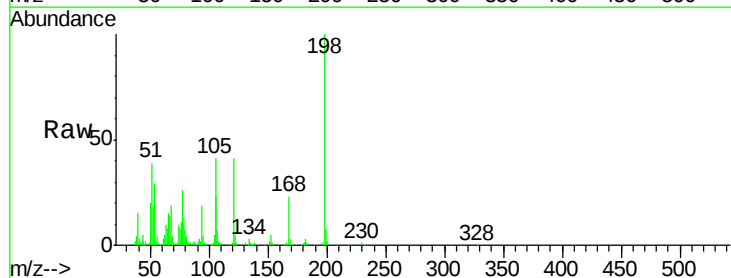
Instrument :
BNA_G
ClientSampleId :

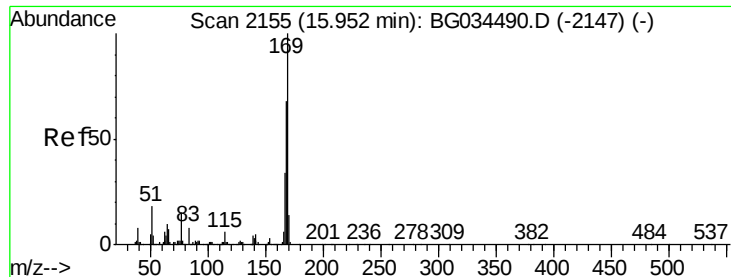
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.2	7.7	11.5



#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 :

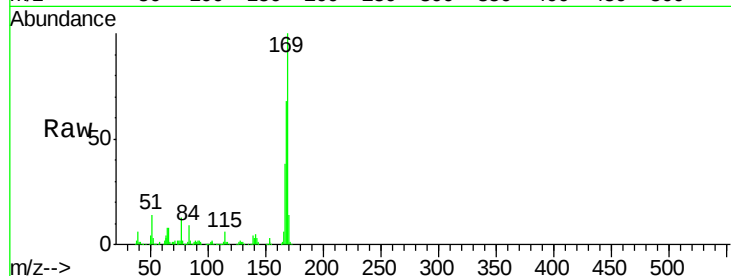
Tot Ion:169 Resp: 440193

Ion Ratio Lower Upper

169 100

168 67.5 55.7 83.5

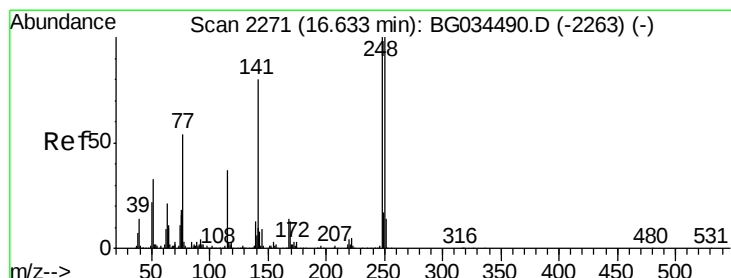
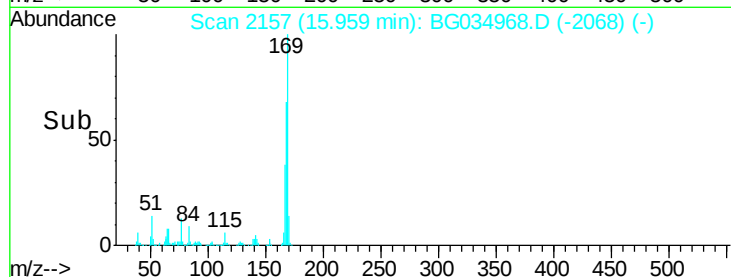
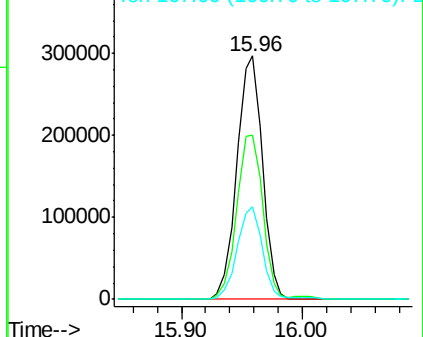
167 38.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 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

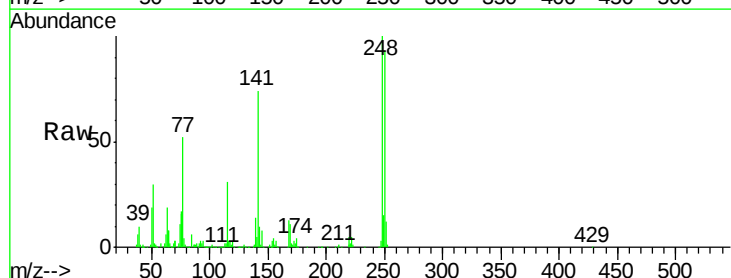
Tgt Ion:248 Resp: 192206

Ion Ratio Lower Upper

248 100

250 93.5 77.1 115.7

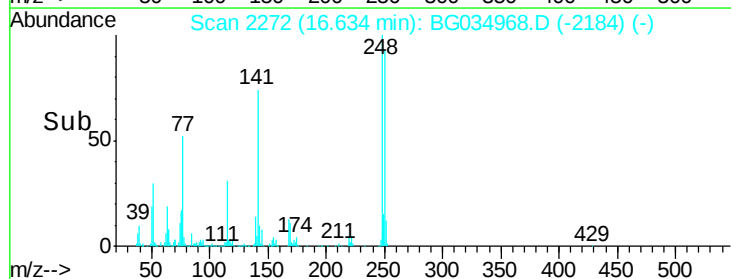
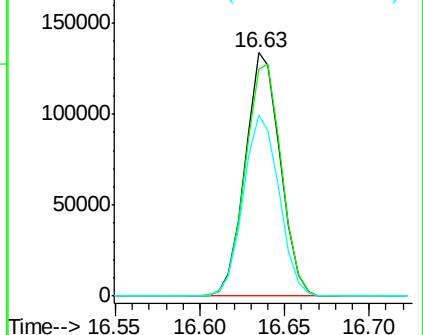
141 74.5 50.8 76.2

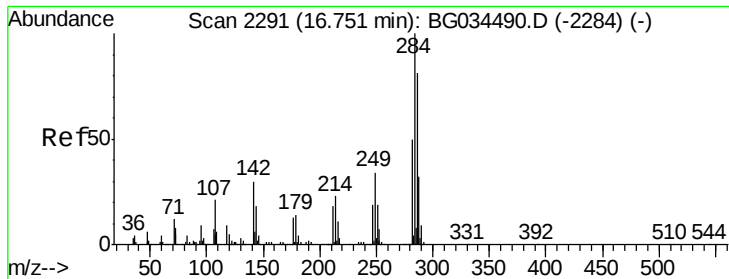


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 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 :

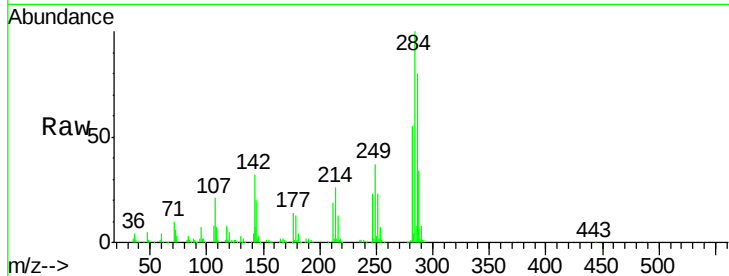
Tot Ion:284 Resp: 190448

Ion Ratio Lower Upper

284 100

142 32.0 26.8 40.2

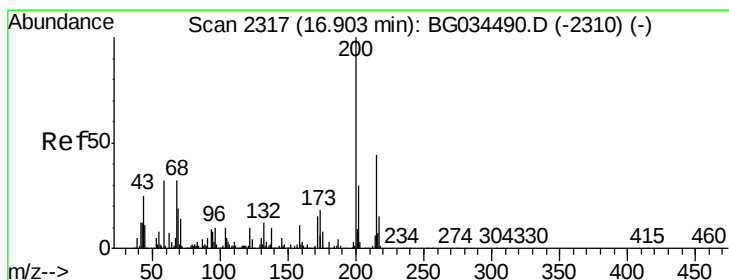
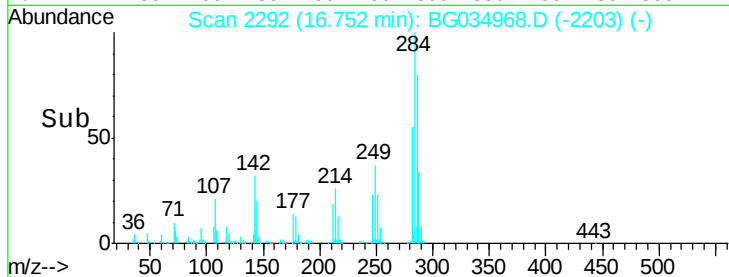
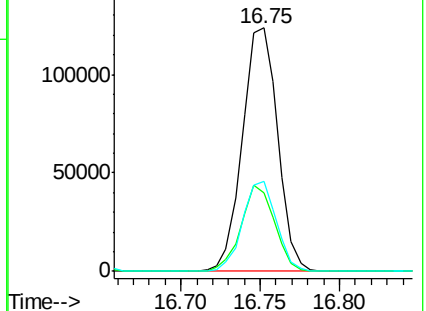
249 36.7 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 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

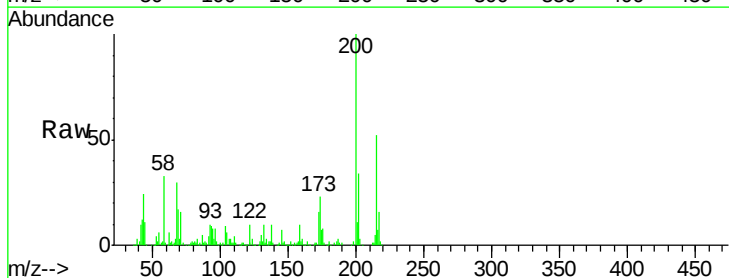
Tgt Ion:200 Resp: 197970

Ion Ratio Lower Upper

200 100

173 23.3 5.2 45.2

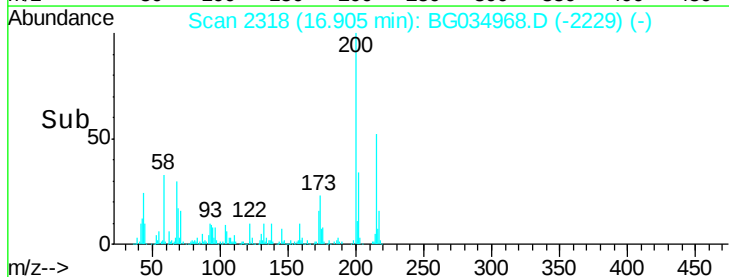
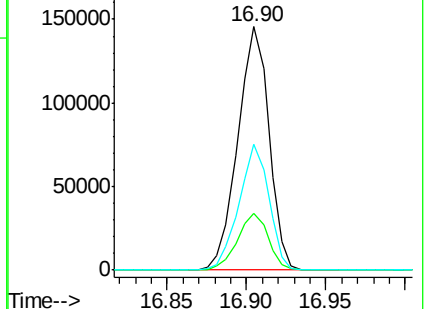
215 51.7 30.4 70.4

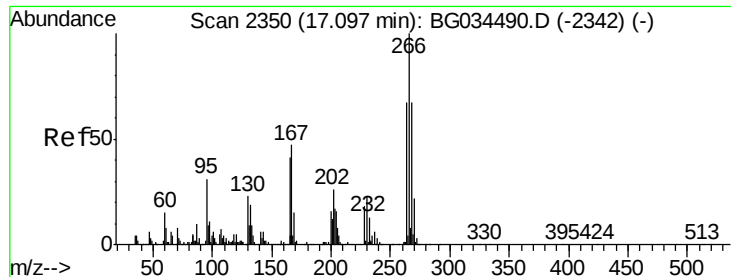


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 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 :

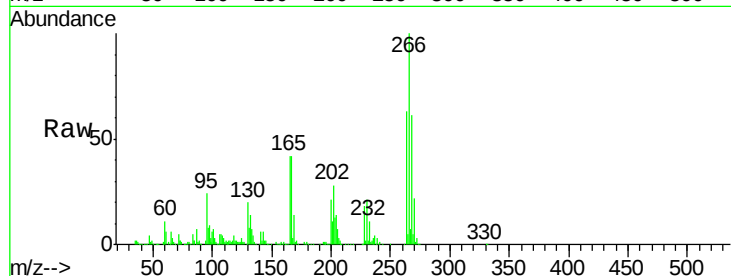
Tot Ion:266 Resp: 239127

Ion Ratio Lower Upper

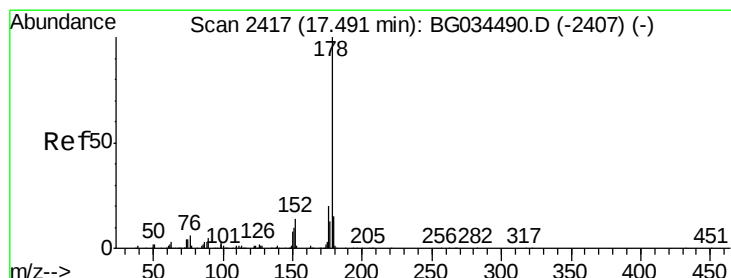
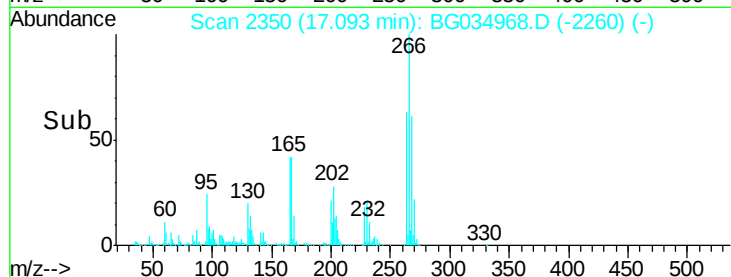
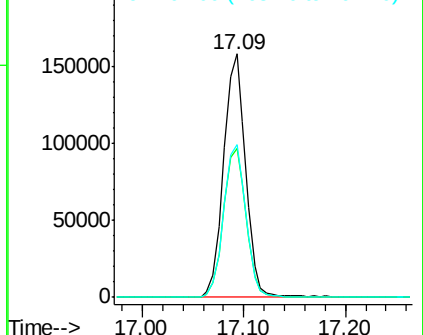
266 100

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

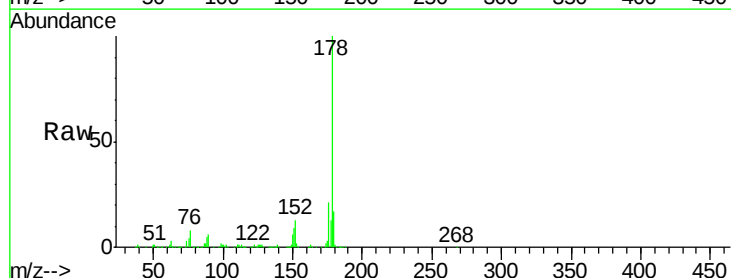
Tgt Ion:178 Resp: 797311

Ion Ratio Lower Upper

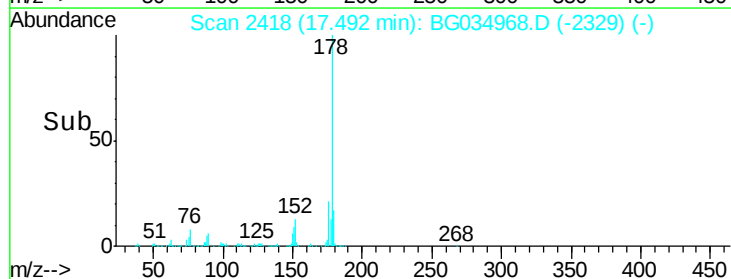
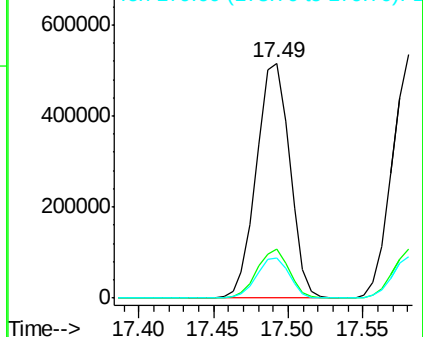
178 100

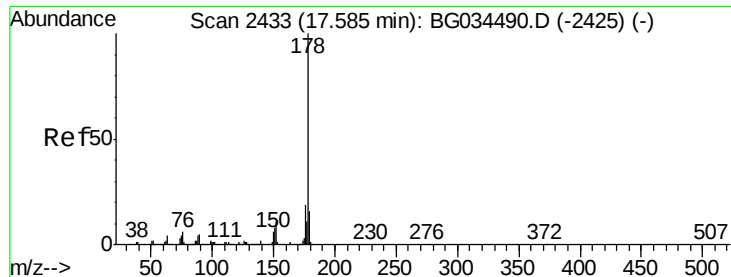
176 20.9 15.7 23.5

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

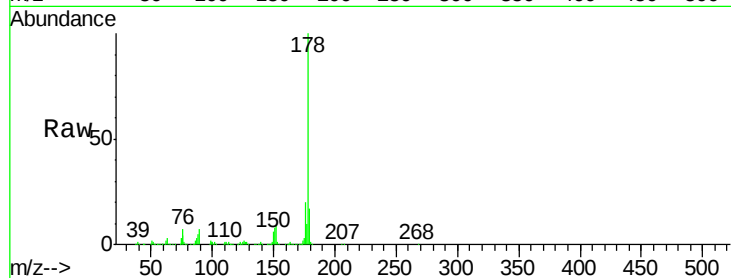
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 812717

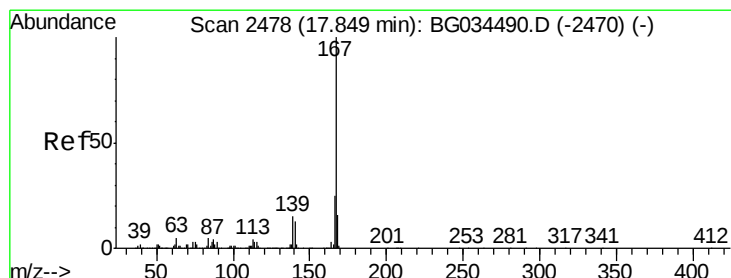
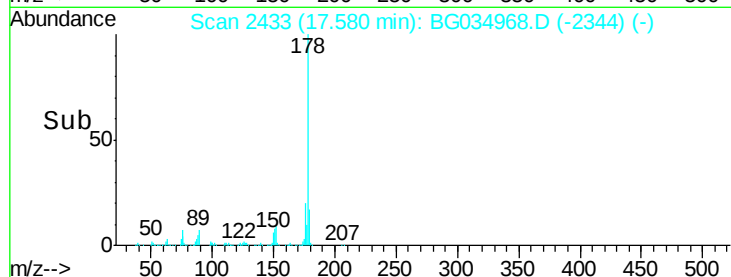
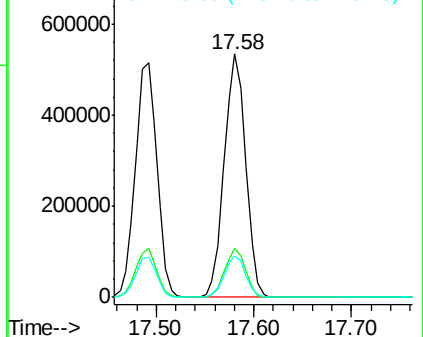
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.9	12.5	18.7



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



#72

Carbazole

Concen: 44.35 ng

RT: 17.84 min Scan# 2478

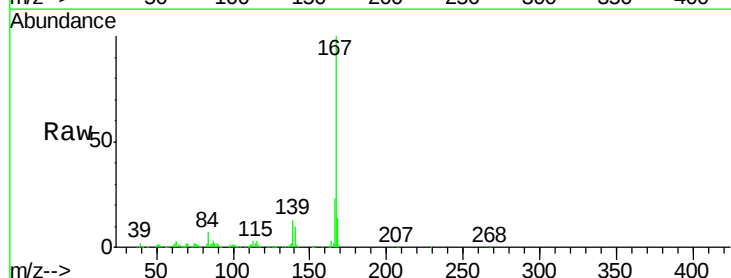
Delta R.T. -0.01 min

Lab File: BG034968.D

Acq: 8 Jun 2018 1:13

Tgt Ion:167 Resp: 747809

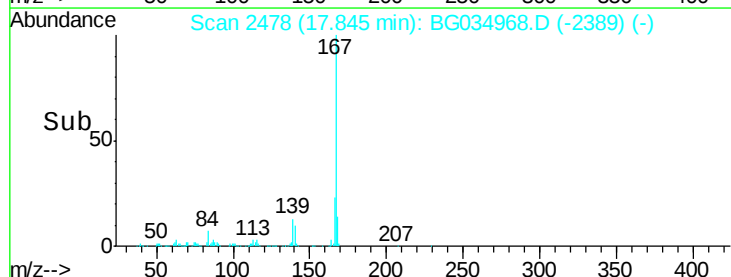
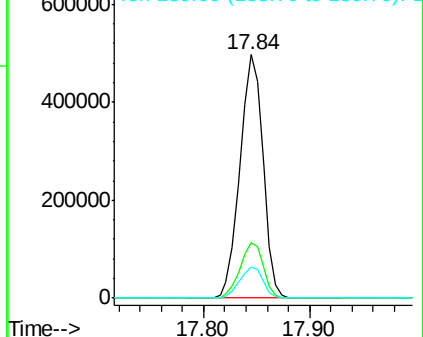
Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.1	9.4	14.2

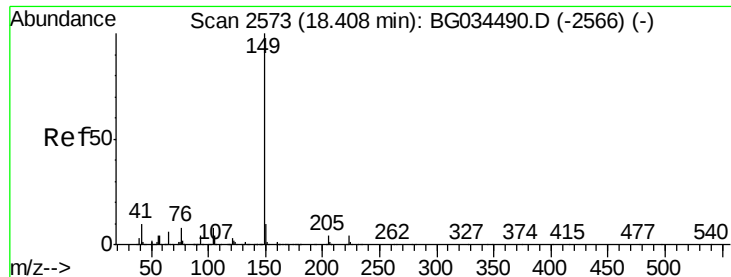


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#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 :

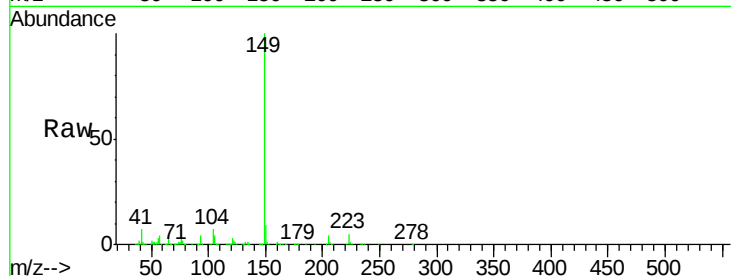
Tot Ion:149 Resp: 851618

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

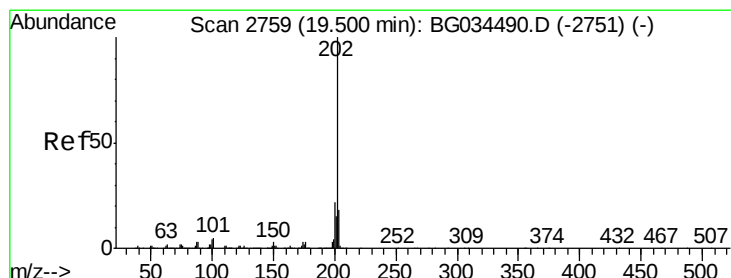
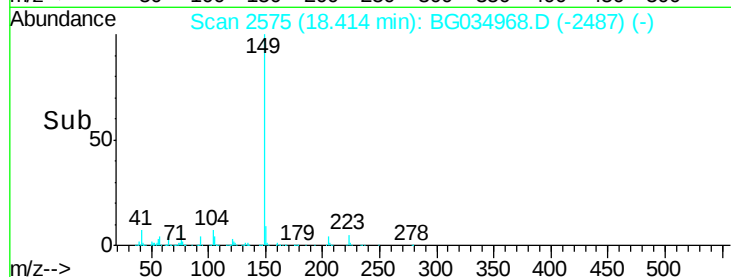
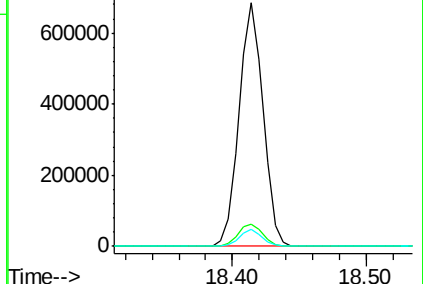
104 6.8 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

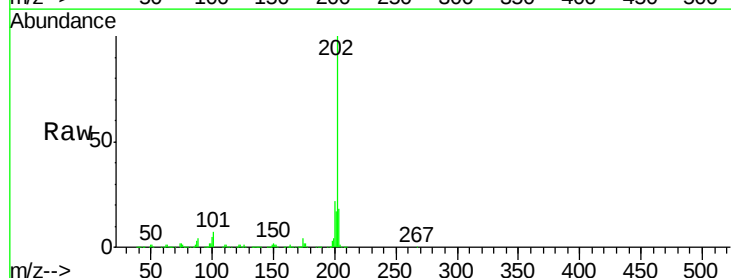
Tgt Ion:202 Resp: 1035356

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.9

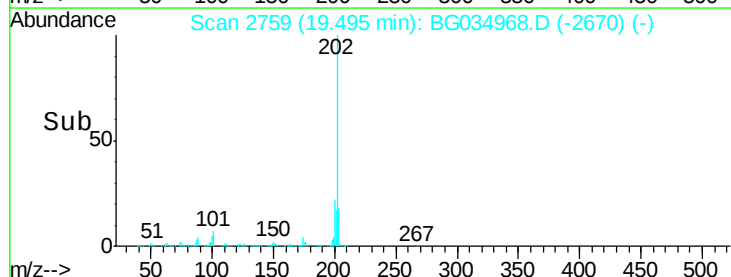
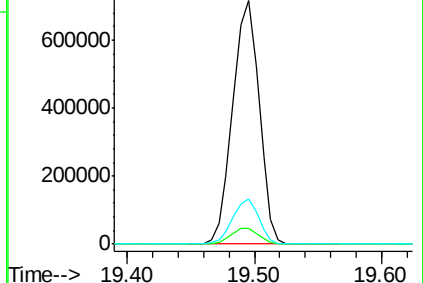
203 18.5 0.0 37.5

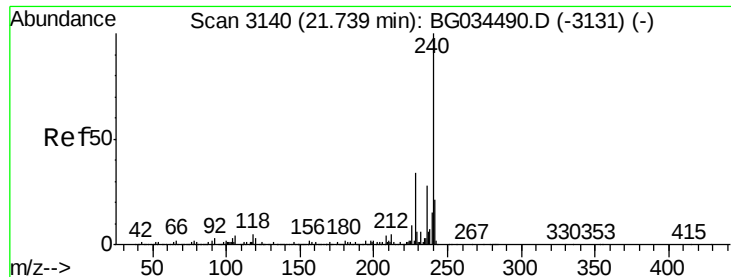


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

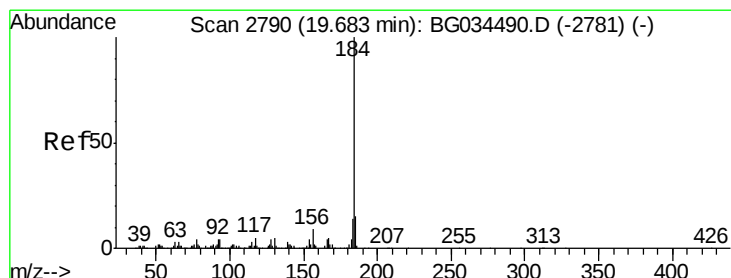
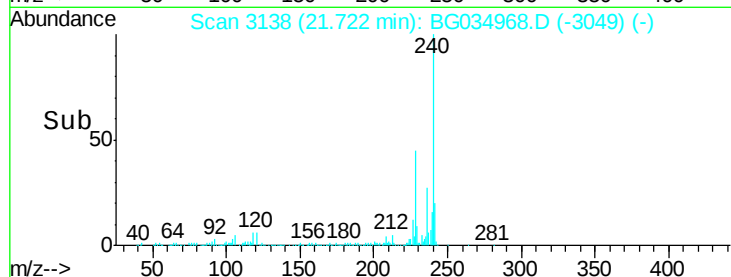
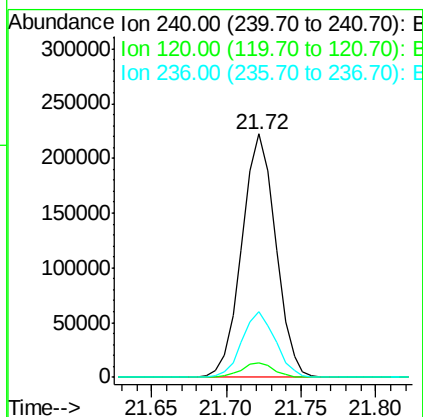
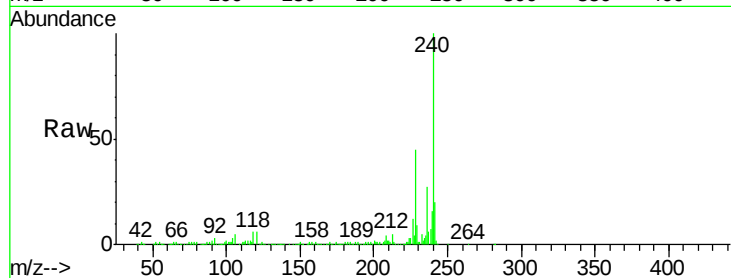




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

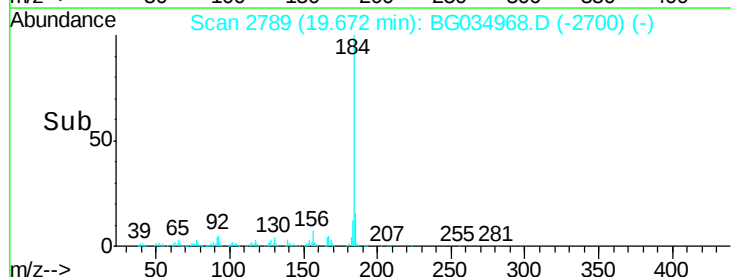
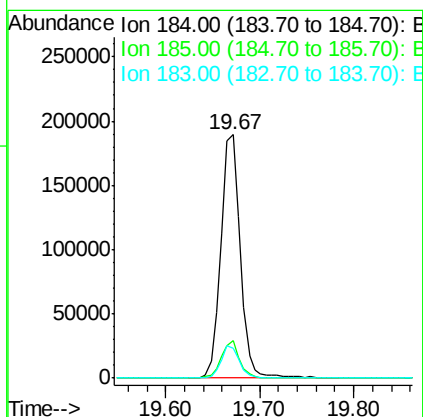
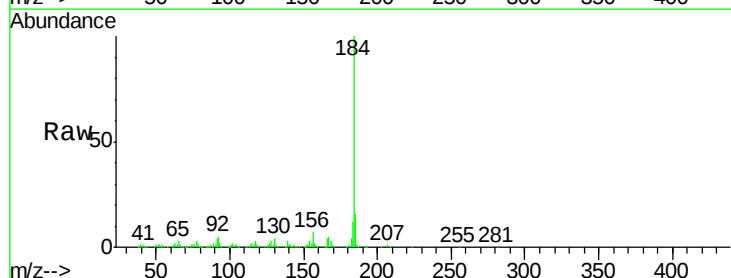
Instrument :
BNA_G
ClientSampleId :

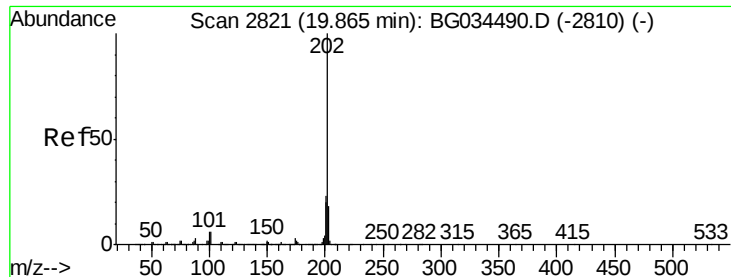
Tot Ion:240 Resp: 350700
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 27.1 20.9 31.3



#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





#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

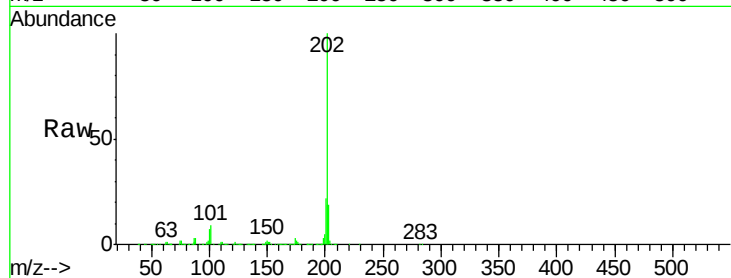
Instrument :

BNA_G

ClientSampleId :

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

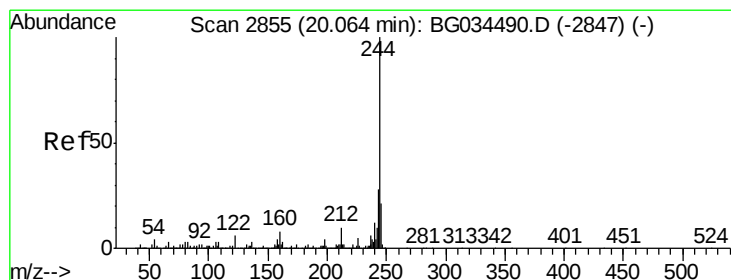
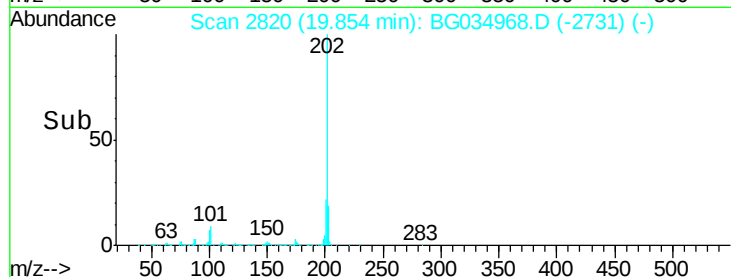
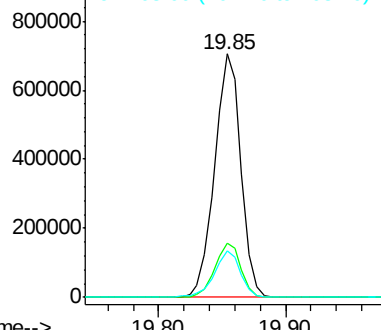


Abundance

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

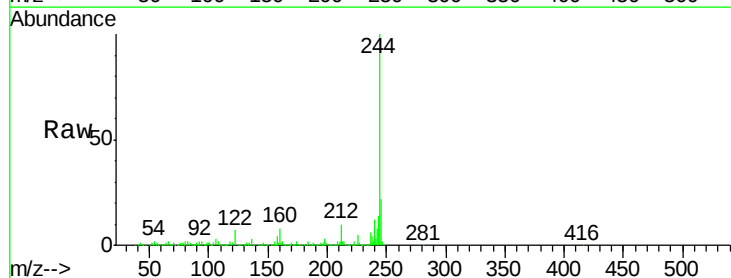
Delta R.T. -0.01 min

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#

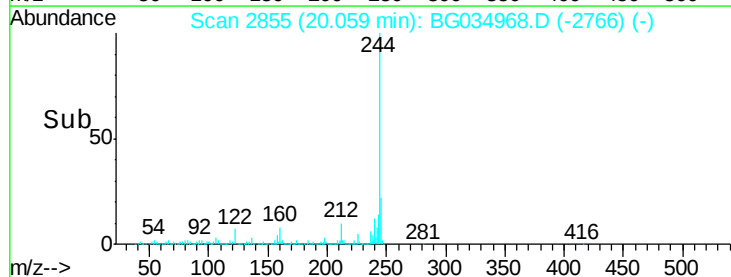
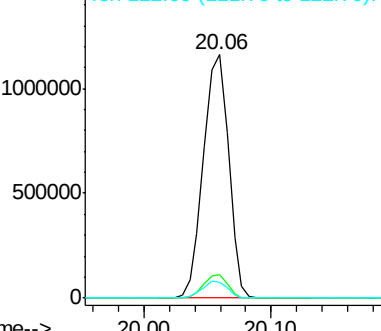


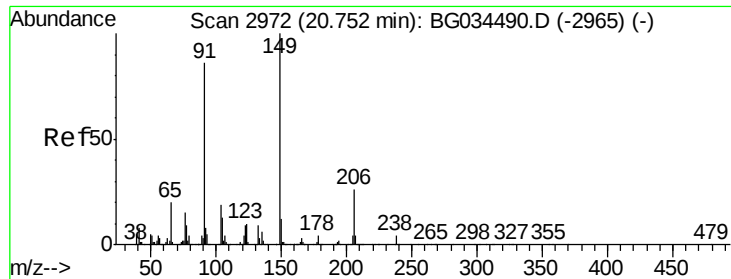
Abundance

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

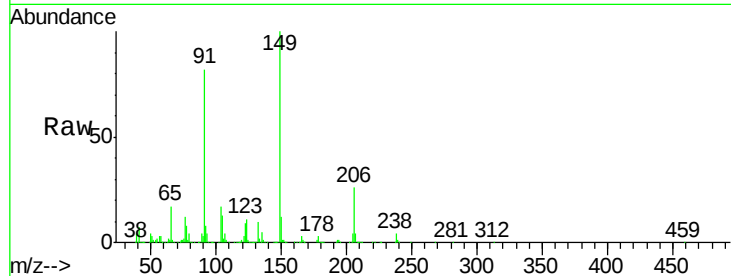




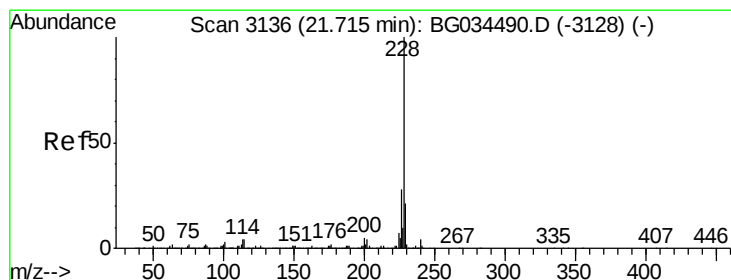
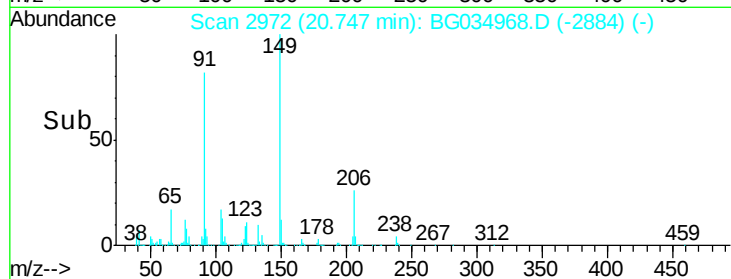
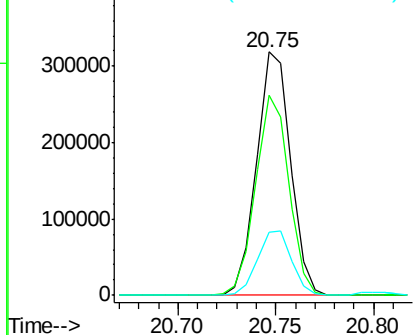
#79
Butylbenzylphthalate
Concen: 45.81 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

Instrument :
BNA_G
ClientSampleId :

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

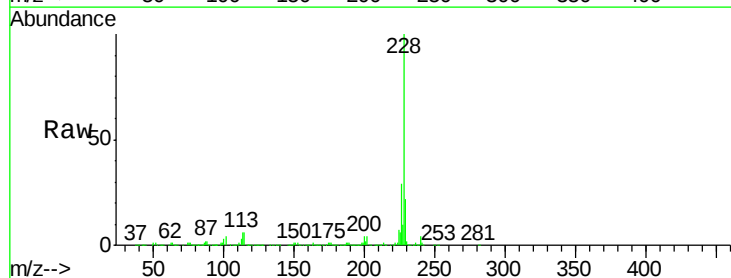


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

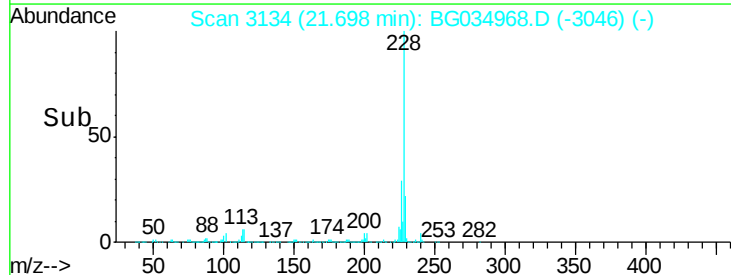
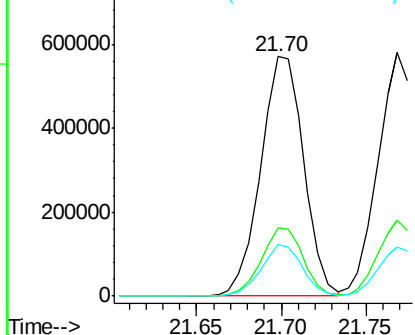


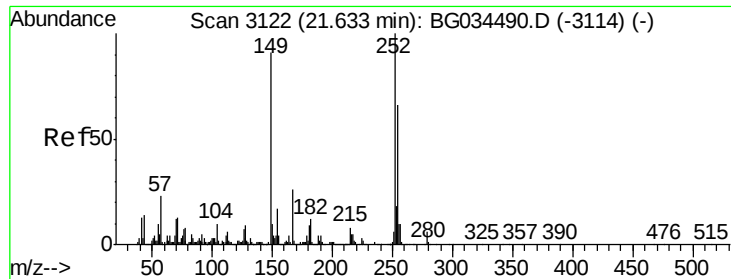
#80
Benzo(a)anthracene
Concen: 44.97 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

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



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

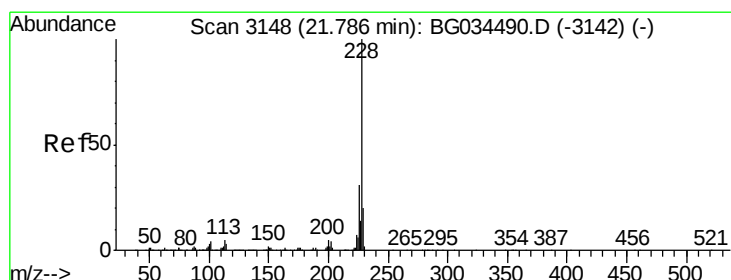
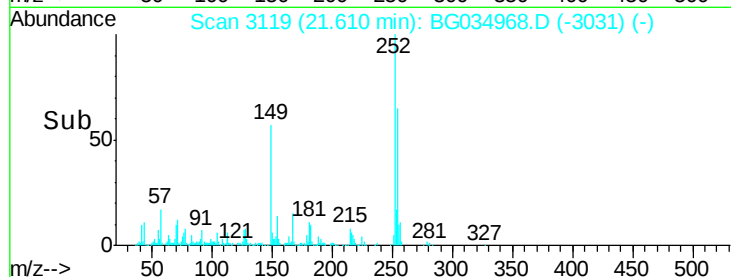
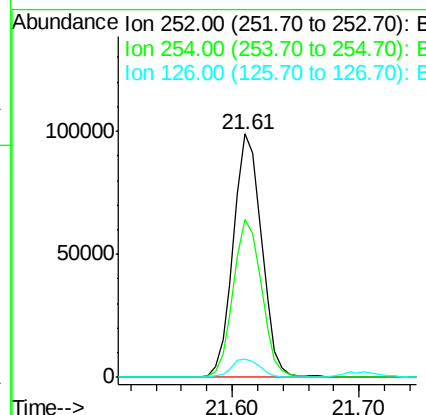
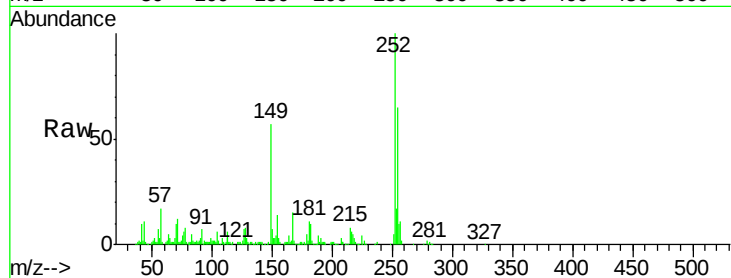




#81
 3,3'-Dichlorobenzidine
 Concen: 18.14 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

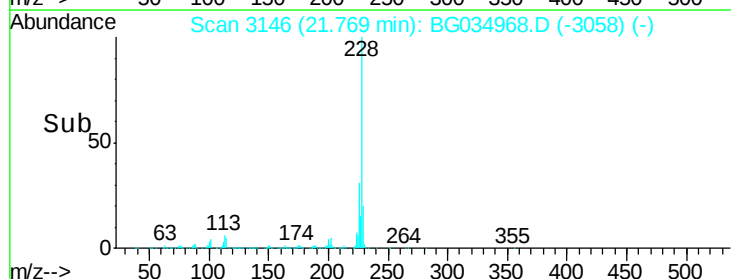
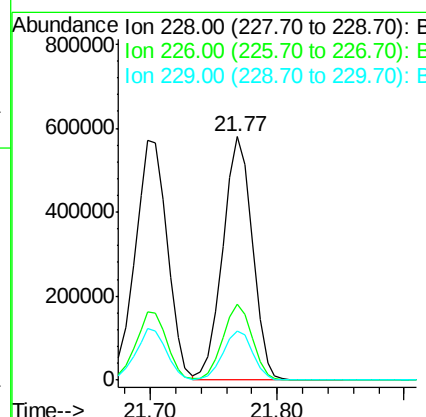
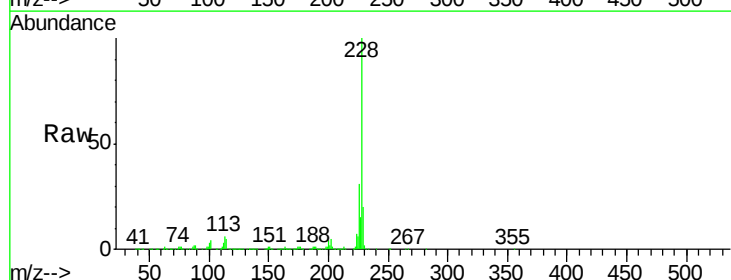
Instrument :
 BNA_G
 ClientSampled :

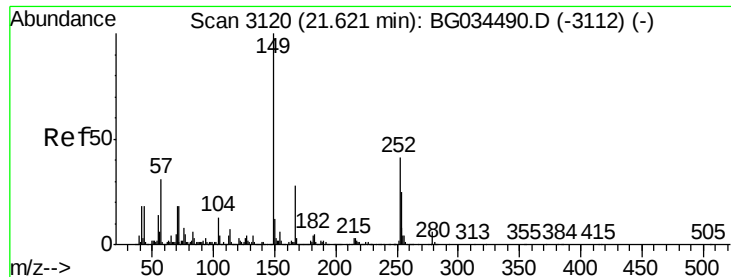
Tot Ion:252 Resp: 152977
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.8 76.2
 126 7.4 7.4 11.2#



#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

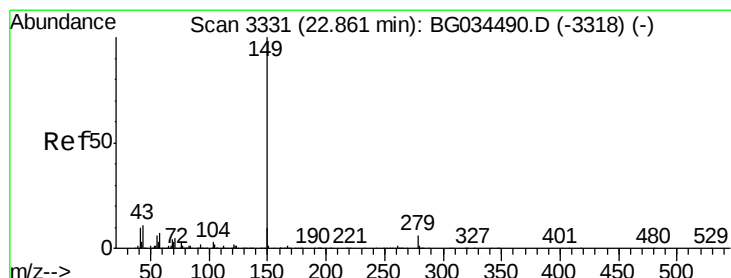
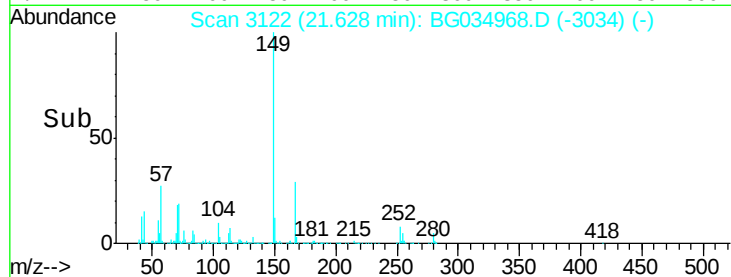
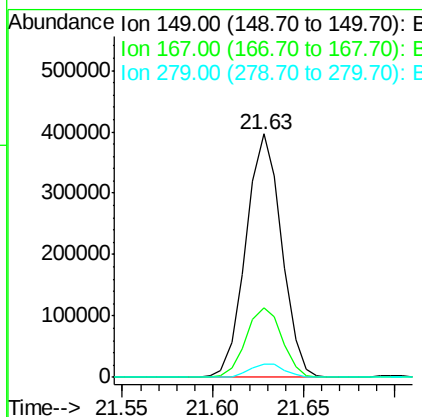
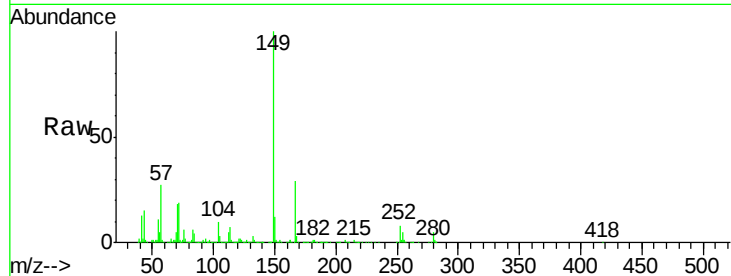




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.67 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

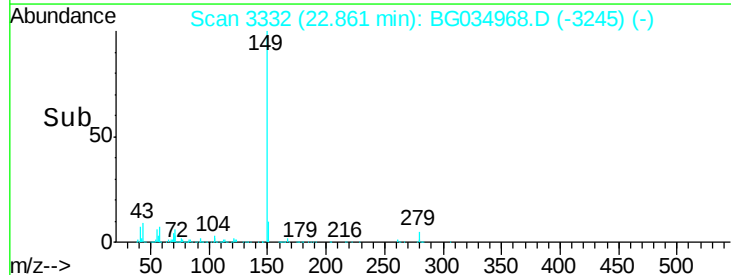
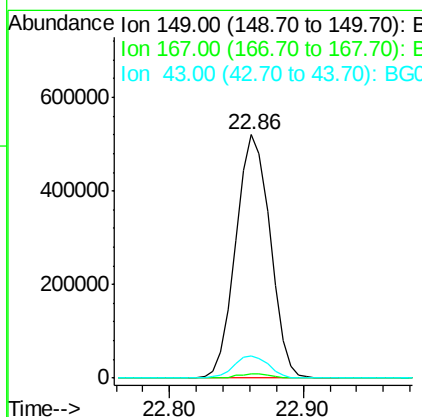
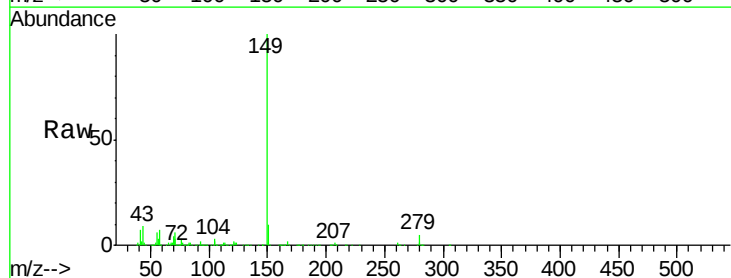
Instrument :
 BNA_G
 ClientSampleId :

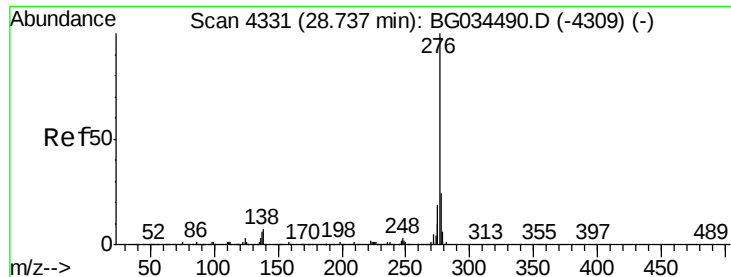
Tot Ion:149 Resp: 541760
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.3 36.5
 279 5.4 4.0 6.0



#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

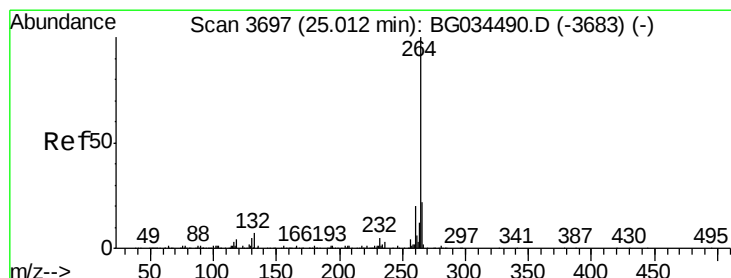
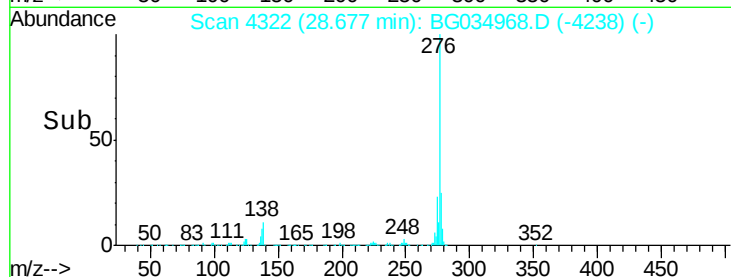
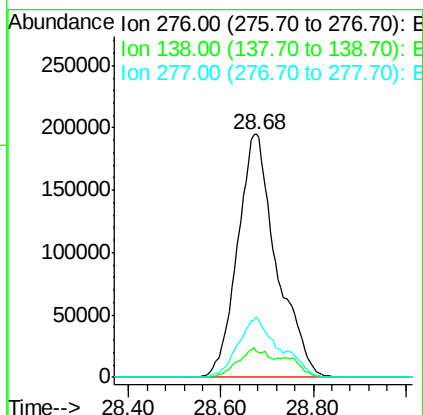
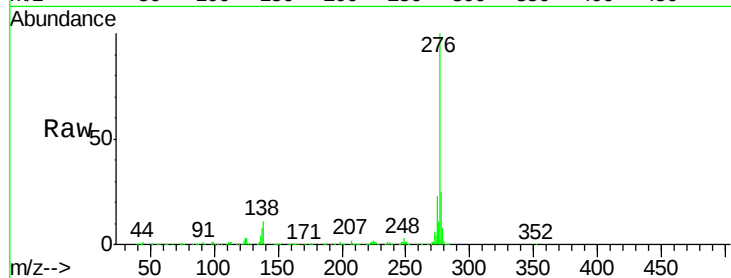




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.46 ng
 RT: 28.68 min Scan# 4322
 Delta R.T. -0.03 min
 Lab File: BG034968.D
 Acq: 8 Jun 2018 1:13

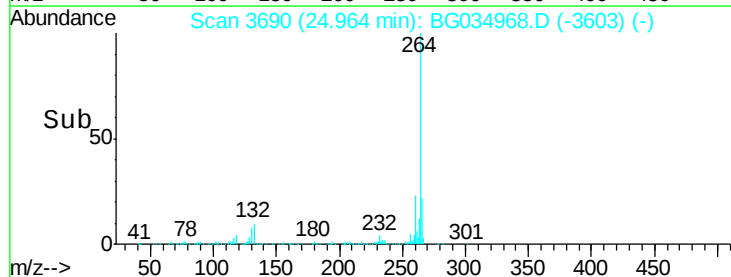
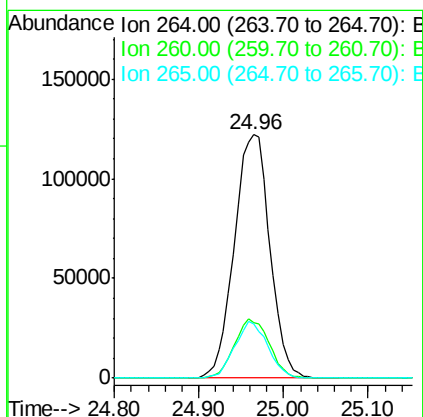
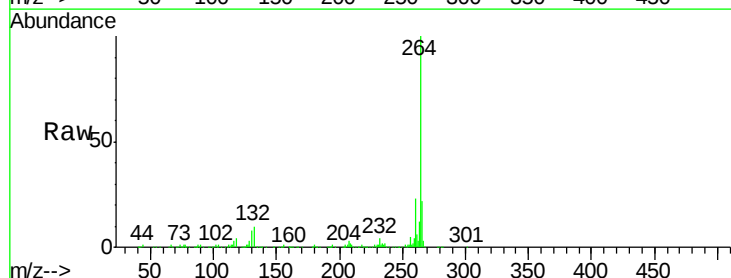
Instrument :
 BNA_G
 ClientSampled :

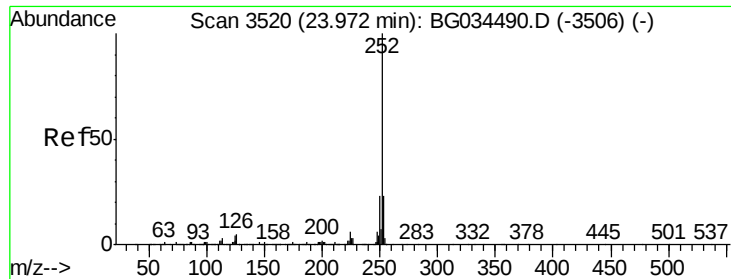
Tot Ion:276 Resp: 1140519
 Ion Ratio Lower Upper
 276 100
 138 9.8 16.0 24.0#
 277 26.2 20.0 30.0



#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

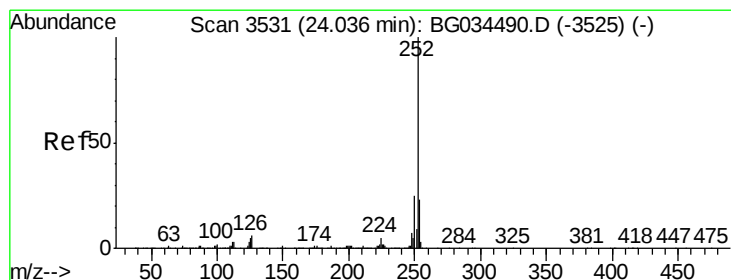
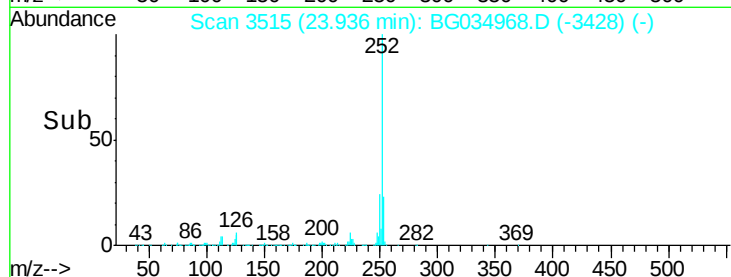
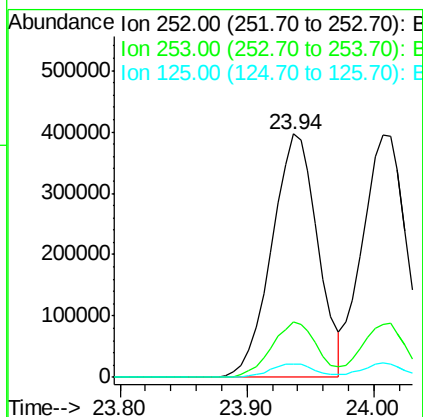
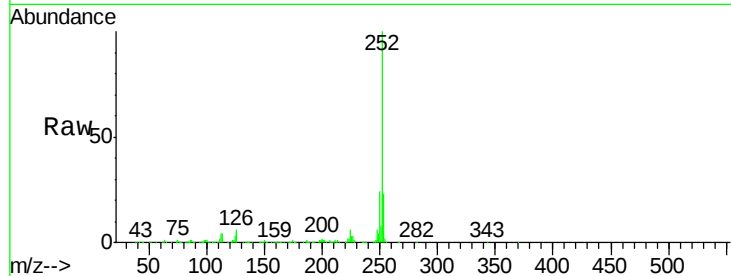




#87
Benzo(b)fluoranthene
Concen: 45.70 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG034968.D
Acq: 8 Jun 2018 1:13

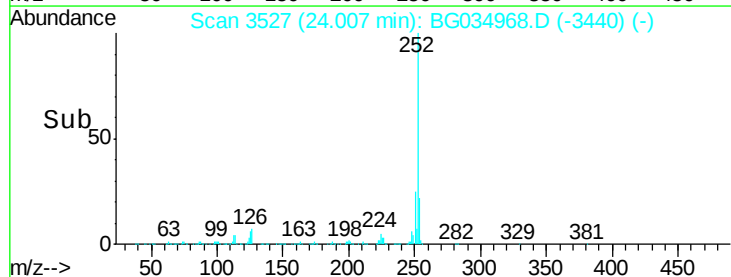
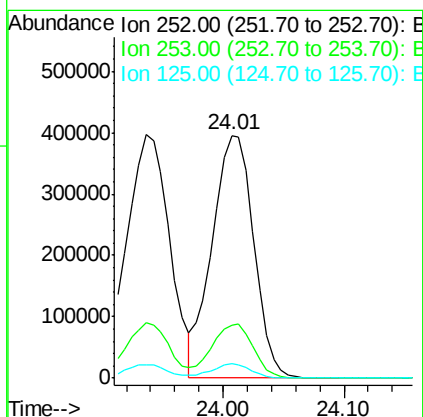
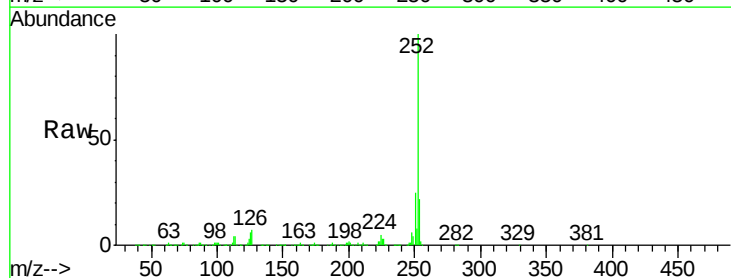
Instrument :
BNA_G
ClientSampled :

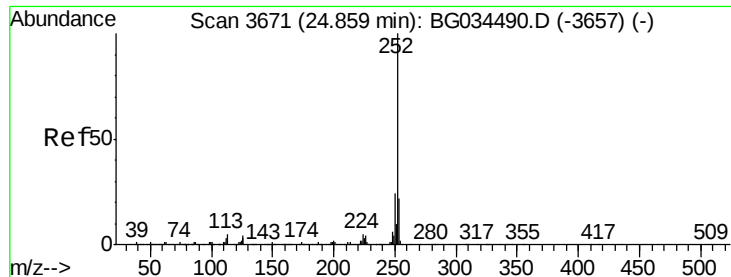
Tot Ion:252 Resp: 999073
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 5.3 7.2 10.8#



#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#





#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 :

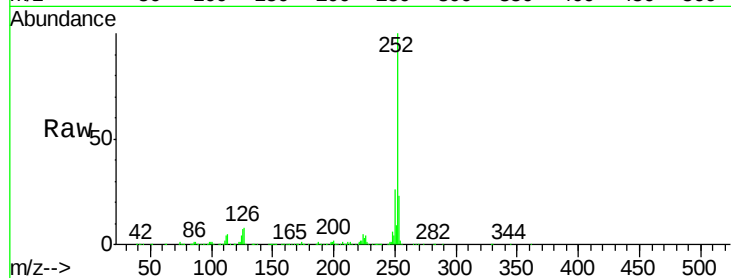
Tot Ion:252 Resp: 962274

Ion Ratio Lower Upper

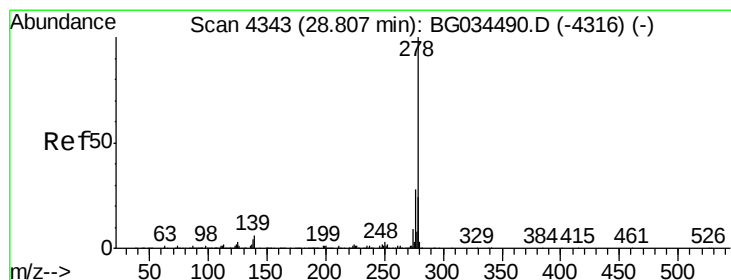
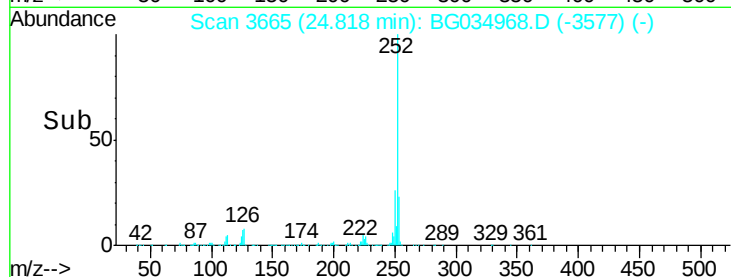
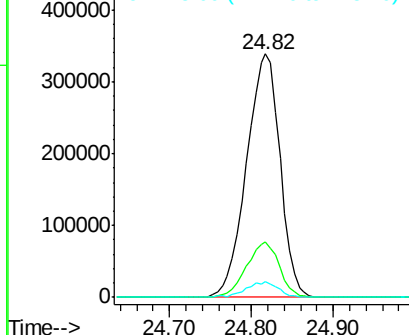
252 100

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

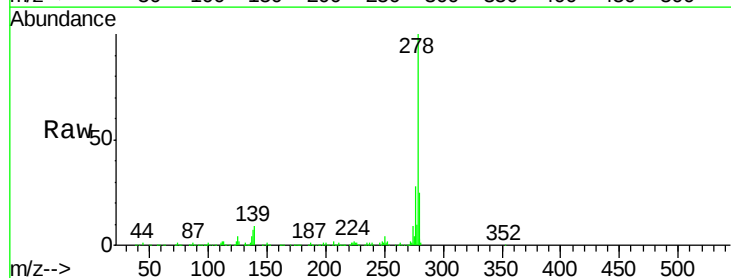
Tgt Ion:278 Resp: 917954

Ion Ratio Lower Upper

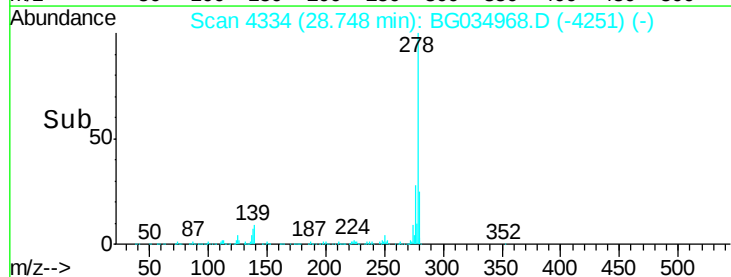
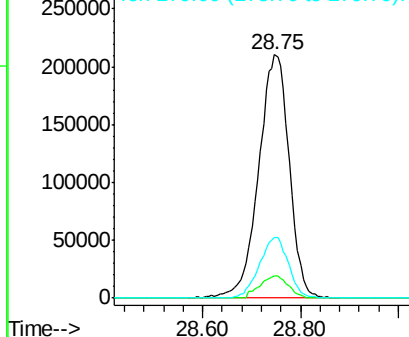
278 100

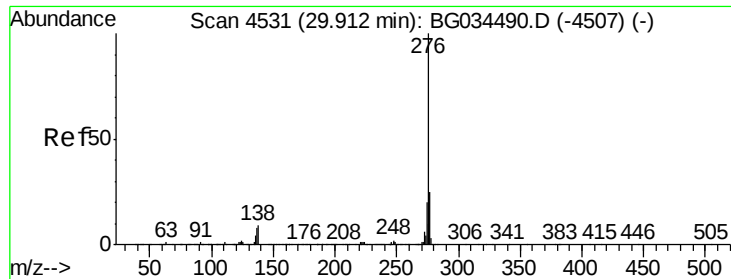
139 9.2 9.8 14.6#

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 :

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

