

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034974.D
 Acq On : 8 Jun 2018 5:52
 Operator : SJ/JU
 Sample : PB110005BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 07:55:26 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	43105	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	169078	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	121820	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	315884	20.00	ng	0.00
75) Chrysene-d12	21.72	240	319530	20.00	ng	0.00
86) Perylene-d12	24.96	264	318044	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	250165	97.94	ng	0.00
7) Phenol-d6	7.23	99	384625	102.03	ng	0.00
23) Nitrobenzene-d5	9.24	82	361226	101.55	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	161921	103.83	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	851990	90.92	ng	0.00
78) Terphenyl-d14	20.06	244	1444840	94.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	38426	31.53	ng	# 76
3) Pyridine	3.95	79	121544	36.96	ng	# 74
4) n-Nitrosodimethylamine	3.87	42	52792	37.37	ng	# 80
6) Aniline	7.40	93	122049	25.05	ng	98
8) 2-Chlorophenol	7.64	128	128213	47.89	ng	96
9) Benzaldehyde	7.21	77	69410	23.90	ng	97
10) Phenol	7.26	94	196010	50.24	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	124175	41.01	ng	93
12) 1,3-Dichlorobenzene	7.97	146	131096	41.04	ng	# 92
13) 1,4-Dichlorobenzene	8.11	146	133005	40.33	ng	99
14) 1,2-Dichlorobenzene	8.43	146	129531	41.82	ng	94
15) Benzyl Alcohol	8.31	79	162148	45.39	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	147603	48.97	ng	76
17) 2-Methylphenol	8.51	107	132293	51.43	ng	# 92
18) Hexachloroethane	9.16	117	49122	41.61	ng	86
19) n-Nitroso-di-n-propylamine	8.88	70	128786	40.21	ng	# 83
20) 3+4-Methylphenols	8.84	107	181570	49.25	ng	94
22) Acetophenone	8.90	105	226110	43.17	ng	# 93
24) Nitrobenzene	9.28	77	177540	48.74	ng	96
25) Isophorone	9.80	82	361363	48.12	ng	98
26) 2-Nitrophenol	9.99	139	69556	55.40	ng	# 88
27) 2,4-Dimethylphenol	10.05	122	141132	53.48	ng	87
28) bis(2-Chloroethoxy)methane	10.29	93	185204	45.89	ng	99
29) 2,4-Dichlorophenol	10.52	162	152800	53.21	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	155631	45.20	ng	96
31) Naphthalene	10.94	128	393358	44.78	ng	100
32) Benzoic acid	10.19	122	99507	56.29	ng	95
33) 4-Chloroaniline	11.04	127	36836	9.66	ng	# 90
34) Hexachlorobutadiene	11.22	225	114525	42.77	ng	96
35) Caprolactam	11.81	113	29230	27.54	ng	# 74
36) 4-Chloro-3-methylphenol	12.15	107	194660	54.38	ng	95
37) 2-Methylnaphthalene	12.54	142	316999	47.60	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	208165	45.88	ng	99
40) Hexachlorocyclopentadiene	12.88	237	300874	105.74	ng	93

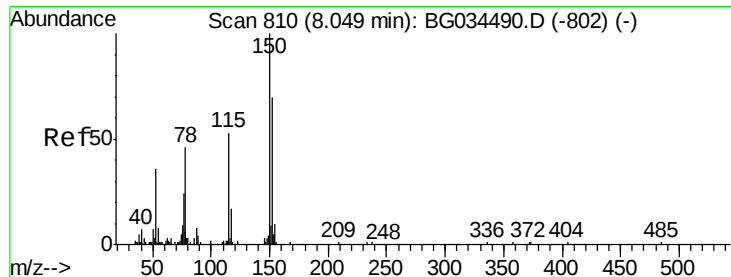
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034974.D
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 Operator : SJ/JU
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Quant Time: Jun 08 07:55:26 2018
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 Quant Title : ASP BNA 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)
42) 2,4,6-Trichlorophenol	13.14	196	142199	52.34	nq	99
43) 2,4,5-Trichlorophenol	13.20	196	154111	51.68	nq	97
45) 1,1'-Biphenyl	13.54	154	437097	44.62	nq	97
46) 2-Chloronaphthalene	13.58	162	340554	45.98	nq	99
47) 2-Nitroaniline	13.78	65	122868	56.18	nq	95
48) Acenaphthylene	14.42	152	581622	46.84	nq	99
49) Dimethylphthalate	14.16	163	486026	45.75	nq	99
50) 2,6-Dinitrotoluene	14.27	165	107000	55.21	nq	95
51) Acenaphthene	14.77	154	356744	43.97	nq	98
52) 3-Nitroaniline	14.60	138	35597	18.72	nq	# 95
53) 2,4-Dinitrophenol	14.80	184	97188	123.91	nq	# 64
54) Dibenzofuran	15.10	168	561290	46.19	nq	94
55) 4-Nitrophenol	14.90	139	174284	108.59	nq	# 86
56) 2,4-Dinitrotoluene	15.06	165	154189	59.89	nq	91
57) Fluorene	15.75	166	473633	46.64	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	158694	54.78	nq	96
59) Diethylphthalate	15.52	149	491716	45.37	nq	99
60) 4-Chlorophenyl-phenylether	15.74	204	263807	45.55	nq	98
61) 4-Nitroaniline	15.76	138	104935	51.45	nq	# 79
62) Azobenzene	16.04	77	504857	47.53	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	75415	52.29	nq	94
65) n-Nitrosodiphenylamine	15.96	169	417643	44.03	nq	97
66) 4-Bromophenyl-phenylether	16.64	248	180660	47.49	nq	95
67) Hexachlorobenzene	16.75	284	182810	47.22	nq	96
68) Atrazine	16.90	200	190597	47.11	nq	96
69) Pentachlorophenol	17.09	266	226368	86.95	nq	97
70) Phenanthrene	17.49	178	759278	47.32	nq	97
71) Anthracene	17.58	178	785074	48.84	nq	98
72) Carbazole	17.84	167	707393	47.43	nq	98
73) Di-n-butylphthalate	18.41	149	816400	45.93	nq	# 98
74) Fluoranthene	19.49	202	988975	47.36	nq	96
76) Benzidine	19.67	184	287213	24.16	nq	98
77) Pyrene	19.85	202	968224	45.96	nq	97
79) Butylbenzylphthalate	20.75	149	378522	49.49	nq	98
80) Benzo(a)anthracene	21.70	228	980178	48.00	nq	98
81) 3,3'-Dichlorobenzidine	21.61	252	165771	21.58	nq	# 98
82) Chrysene	21.77	228	924960	49.48	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	530142	49.05	nq	98
84) Di-n-octyl phthalate	22.86	149	904603	48.79	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.67	276	1107428	50.58	nq	# 86
87) Benzo(b)fluoranthene	23.94	252	967628	49.40	nq	# 97
88) Benzo(k)fluoranthene	24.01	252	929645	48.52	nq	# 97
89) Benzo(a)pyrene	24.81	252	935143	50.74	nq	# 95
90) Dibenzo(a,h)anthracene	28.74	278	898052	49.36	nq	97
91) Benzo(g,h,i)perylene	29.82	276	913660	51.32	nq	# 93

(#) = 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: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampled :

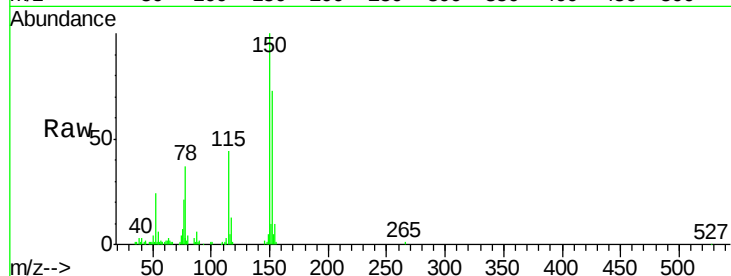
Tot Ion:152 Resp: 43105

Ion Ratio Lower Upper

152 100

150 137.6 126.6 189.8

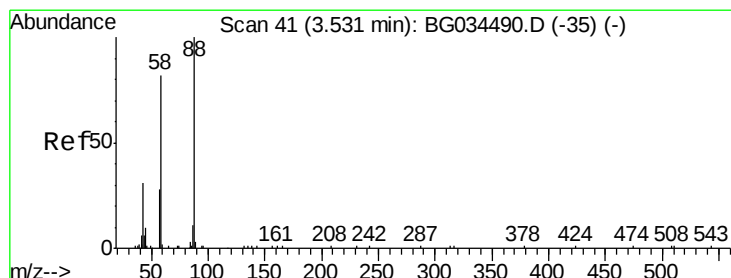
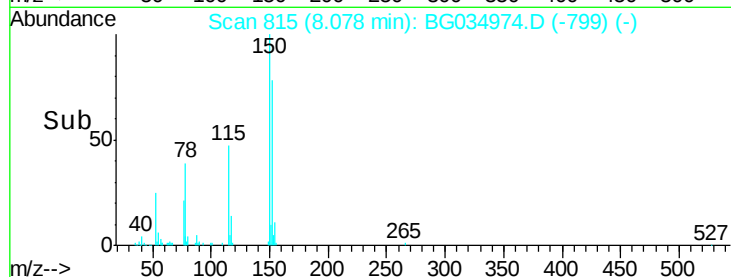
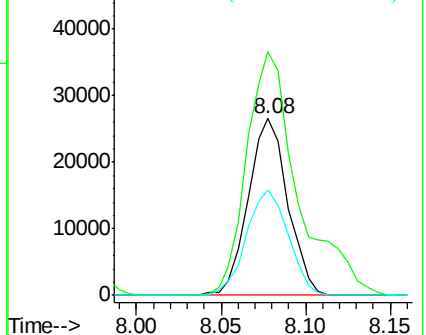
115 59.9 53.0 79.4



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: 31.53 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

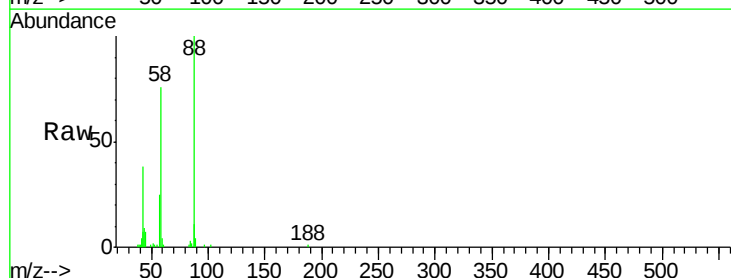
Tgt Ion: 88 Resp: 38426

Ion Ratio Lower Upper

88 100

58 70.6 79.6 119.4#

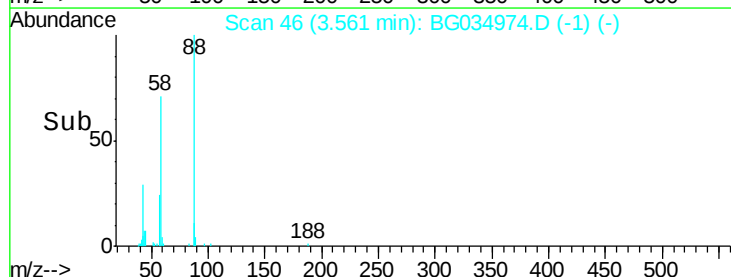
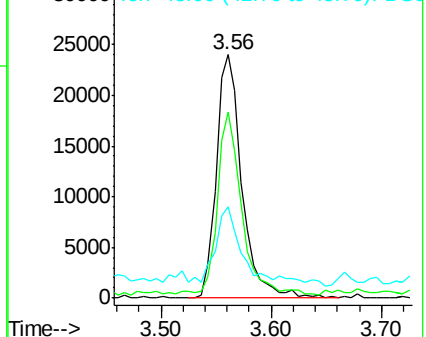
43 29.0 27.4 41.0

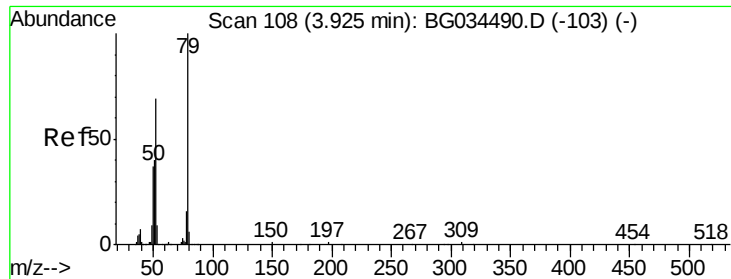


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.96 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

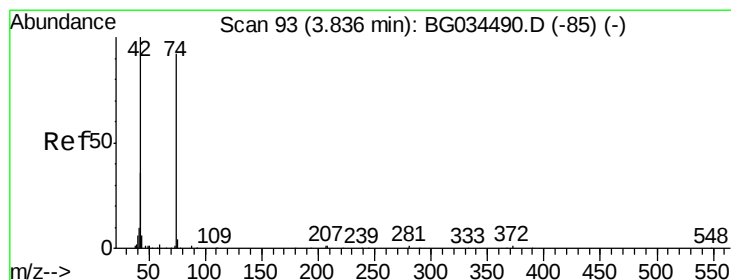
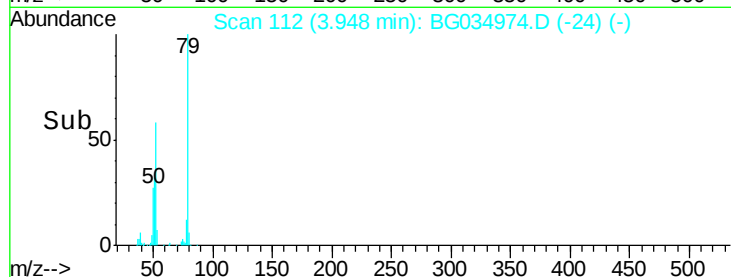
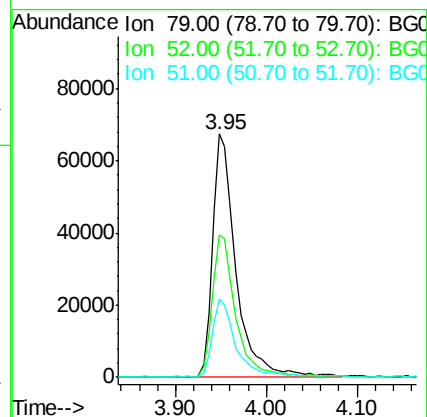
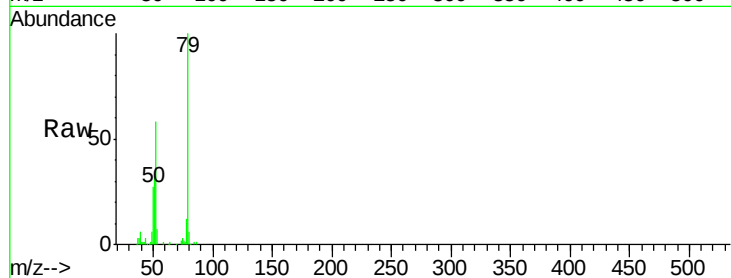
Tot Ion: 79 Resp: 121544

Ion Ratio Lower Upper

79 100

52 58.5 69.9 104.9#

51 32.2 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 37.37 ng

RT: 3.87 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

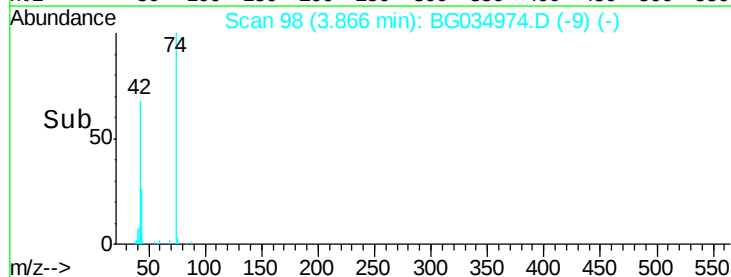
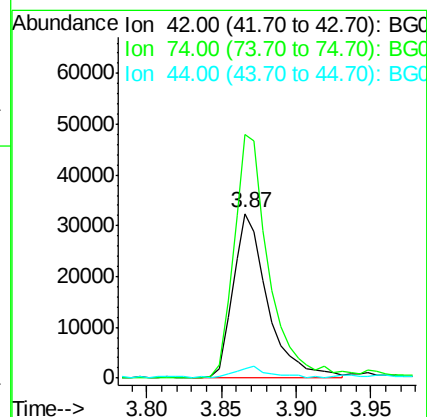
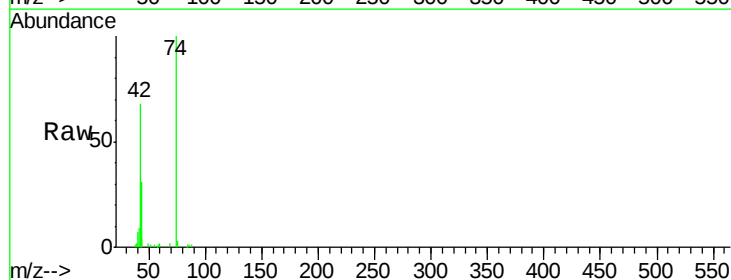
Tgt Ion: 42 Resp: 52792

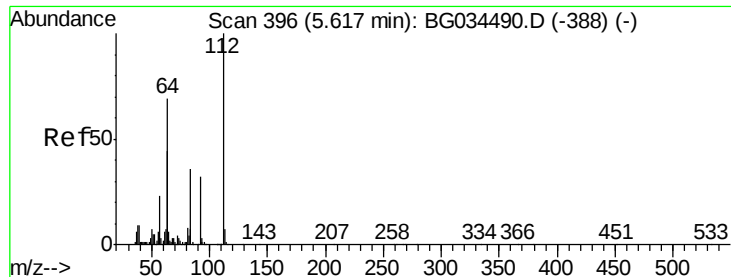
Ion Ratio Lower Upper

42 100

74 147.7 102.5 153.7

44 5.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 97.94 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

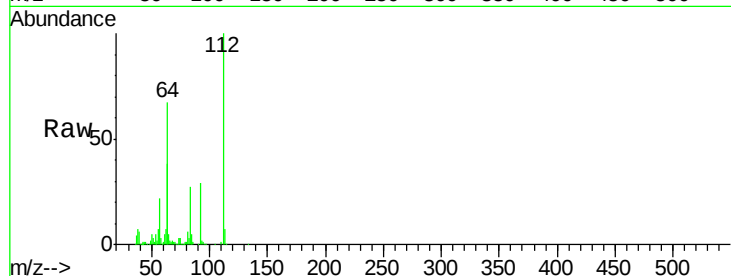
Tot Ion: 112 Resp: 250165

Ion Ratio Lower Upper

112 100

64 66.9 56.3 84.5

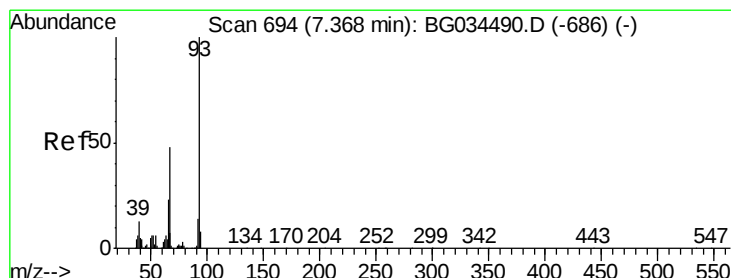
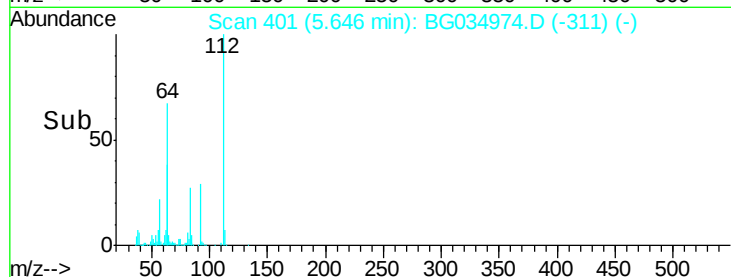
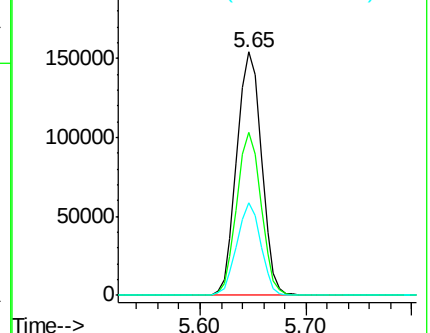
63 38.1 30.1 45.1



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: 25.05 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

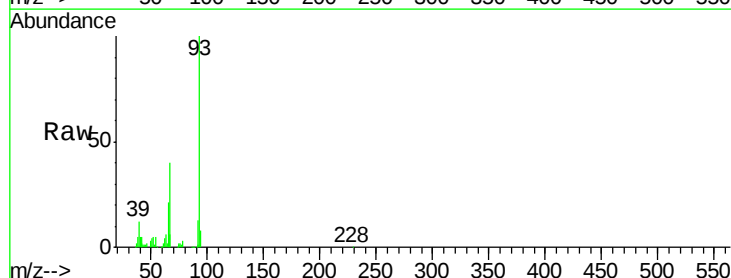
Tgt Ion: 93 Resp: 122049

Ion Ratio Lower Upper

93 100

66 40.3 33.7 50.5

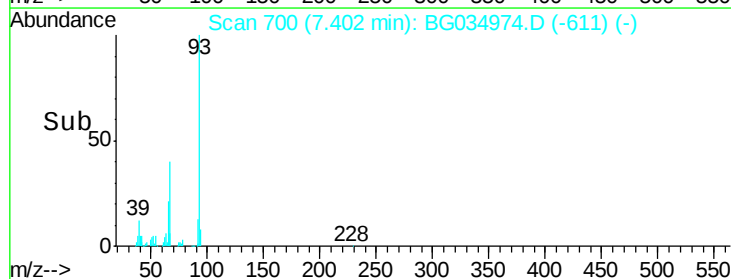
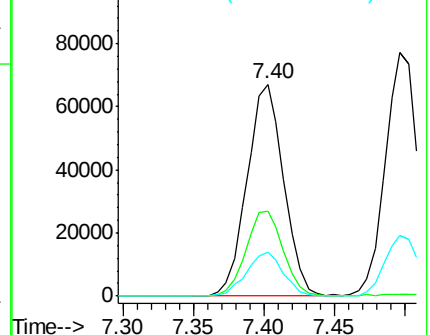
65 20.6 16.1 24.1



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: 102.03 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

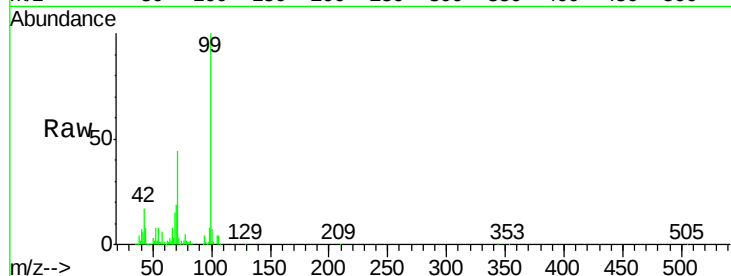
Tot Ion: 99 Resp: 384625

Ion Ratio Lower Upper

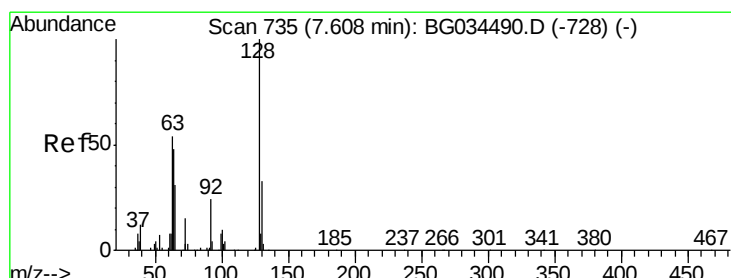
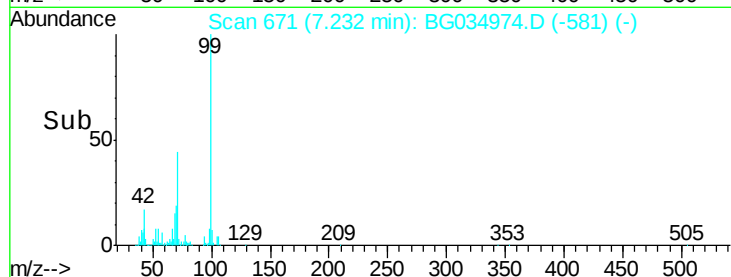
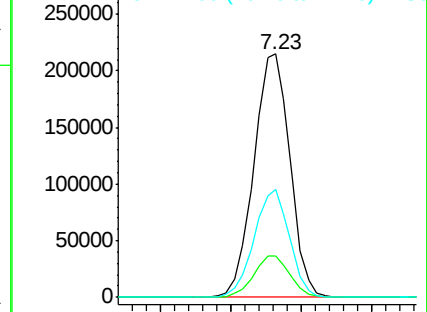
99 100

42 17.2 14.1 21.1

71 44.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.89 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

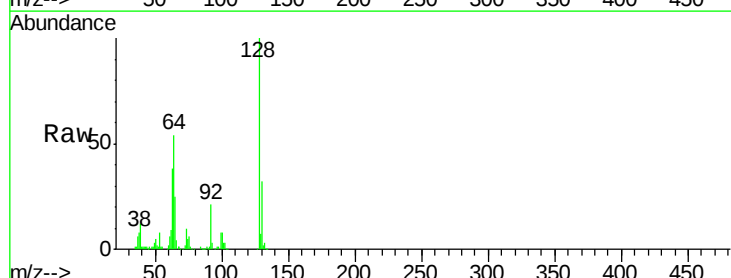
Tgt Ion:128 Resp: 128213

Ion Ratio Lower Upper

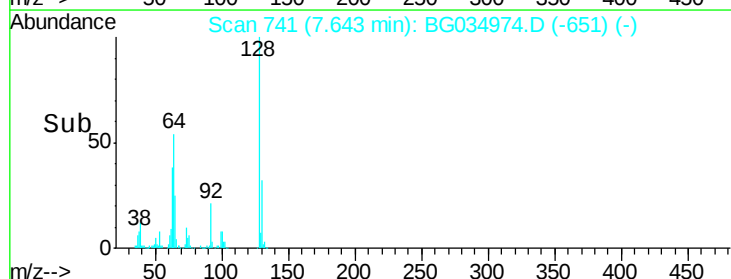
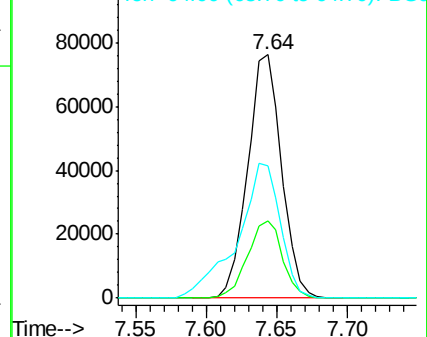
128 100

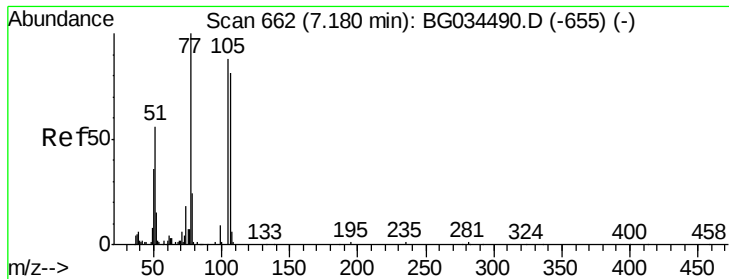
130 31.9 14.0 54.0

64 54.4 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.90 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampled :

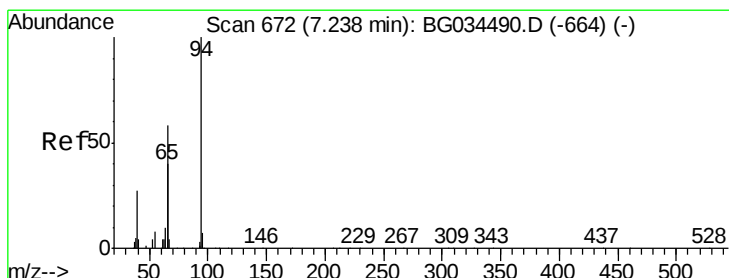
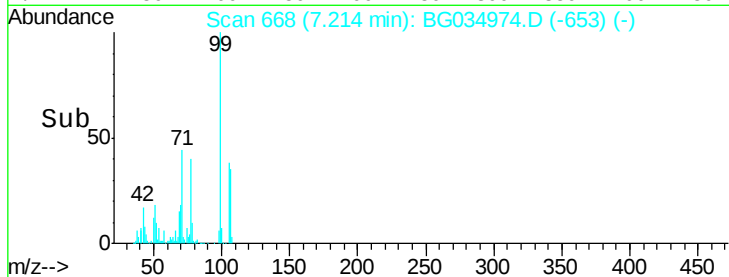
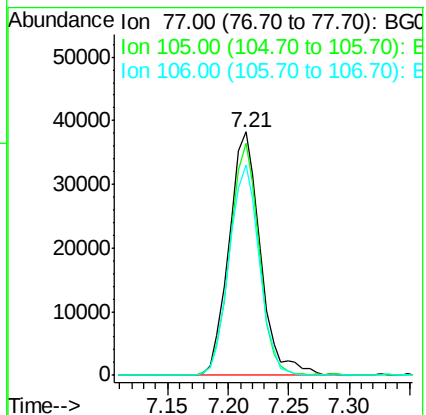
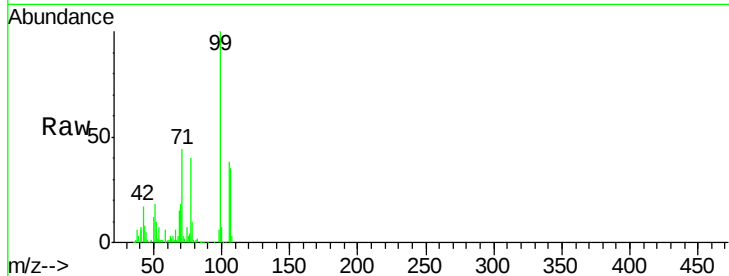
Tot Ion: 77 Resp: 69410

Ion Ratio Lower Upper

77 100

105 95.1 71.3 111.3

106 86.6 64.2 104.2



#10

Phenol

Concen: 50.24 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

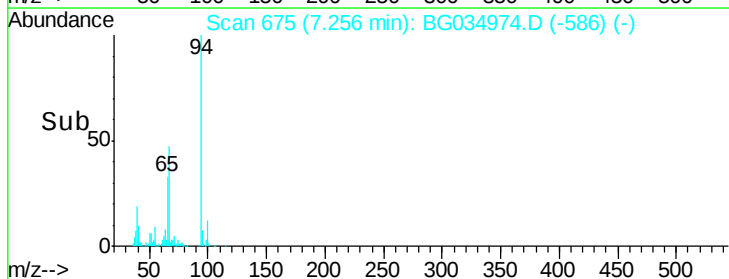
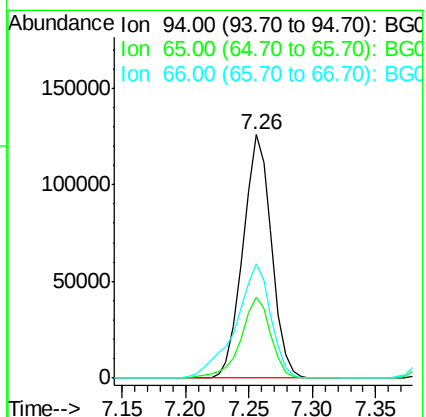
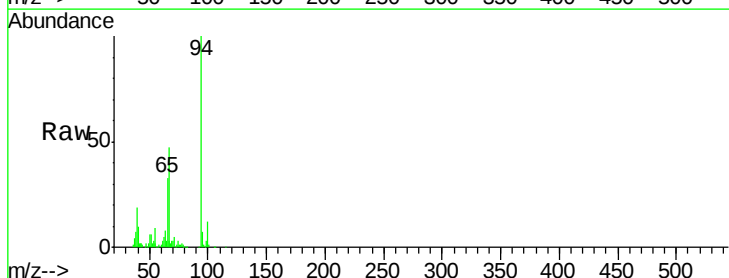
Tgt Ion: 94 Resp: 196010

Ion Ratio Lower Upper

94 100

65 33.2 11.9 51.9

66 46.9 22.2 62.2

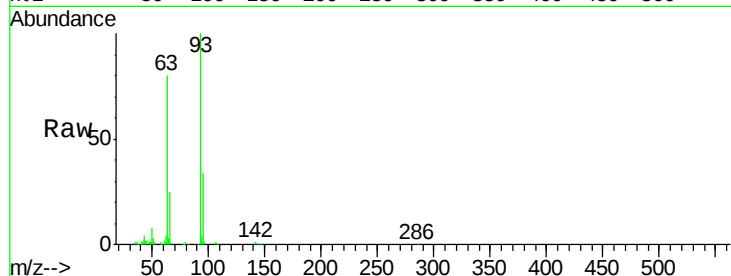




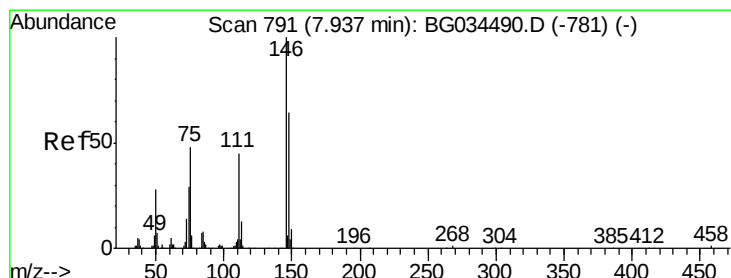
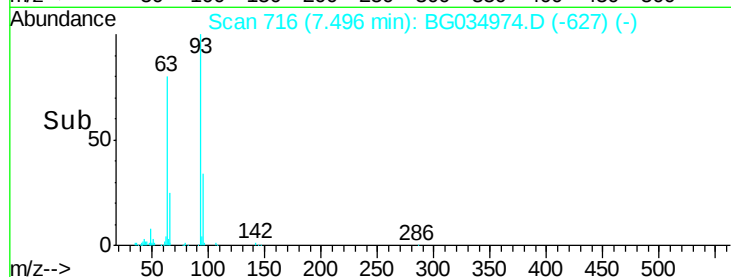
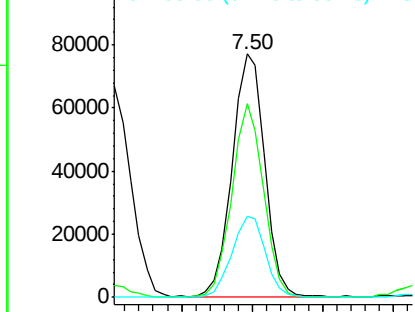
#11
bis(2-Chloroethyl)ether
Concen: 41.01 ng
RT: 7.50 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 124175
Ion Ratio Lower Upper
93 100
63 79.7 67.1 107.1
95 33.5 11.5 51.5

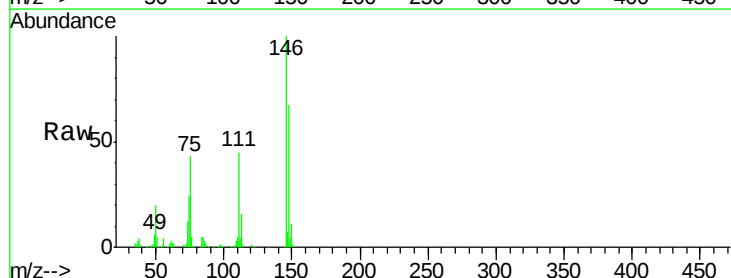


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

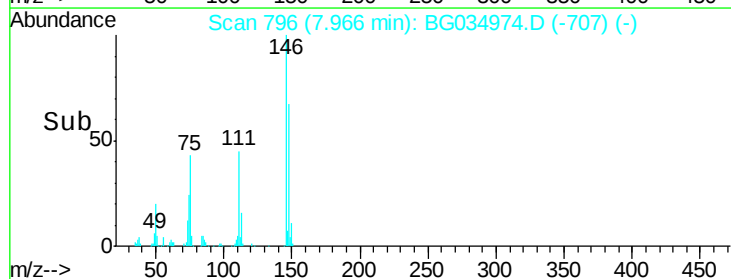
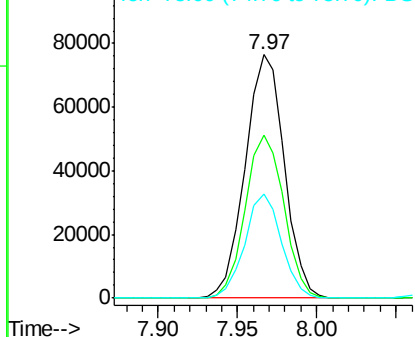


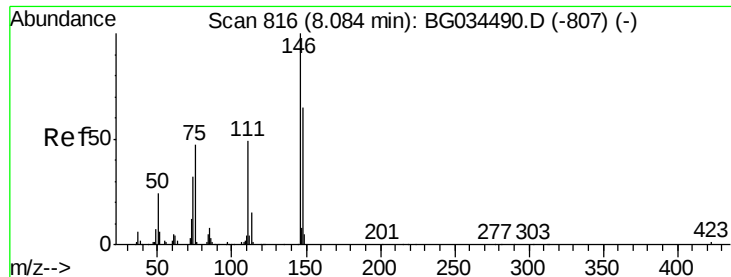
#12
1,3-Dichlorobenzene
Concen: 41.04 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion: 146 Resp: 131096
Ion Ratio Lower Upper
146 100
148 67.2 51.4 77.2
75 43.0 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

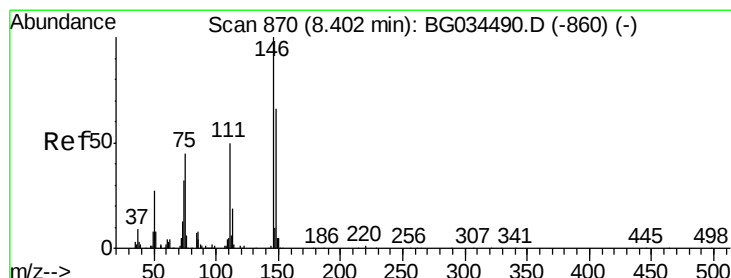
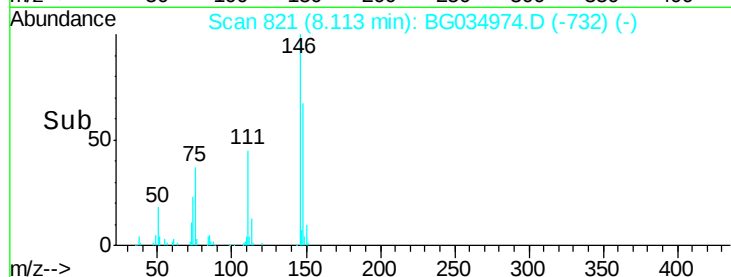
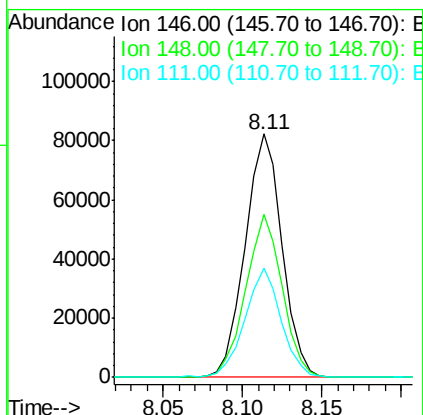
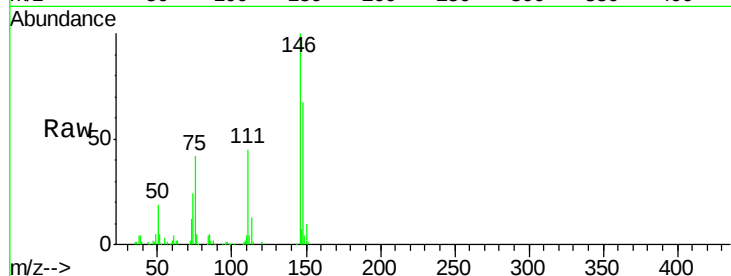




#13
 1,4-Dichlorobenzene
 Concen: 40.33 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

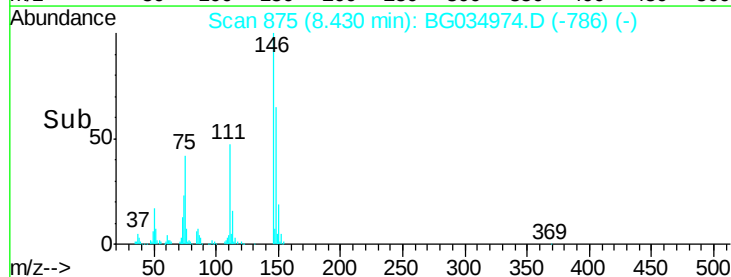
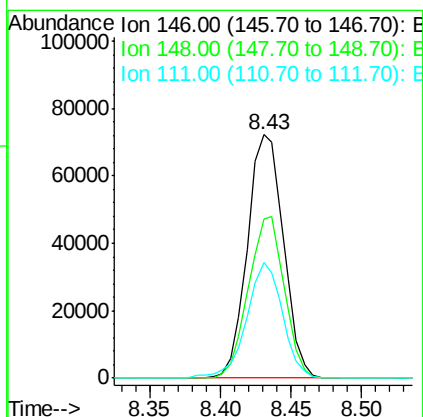
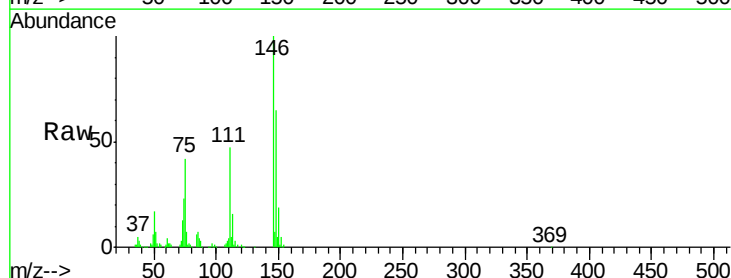
Instrument :
 BNA_G
 ClientSampled :

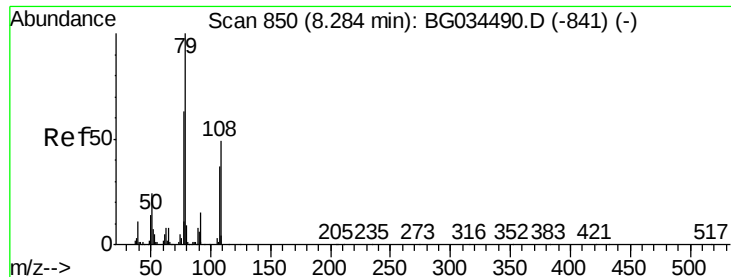
Tot Ion:146 Resp: 133005
 Ion Ratio Lower Upper
 146 100
 148 66.7 53.7 80.5
 111 44.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.82 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion:146 Resp: 129531
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.3 73.9
 111 47.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 45.39 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

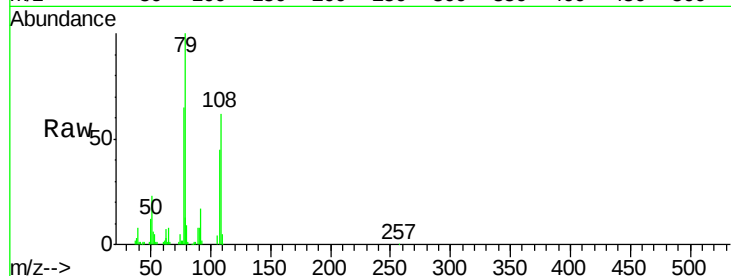
Tot Ion: 79 Resp: 162148

Ion Ratio Lower Upper

79 100

108 62.0 57.2 85.8

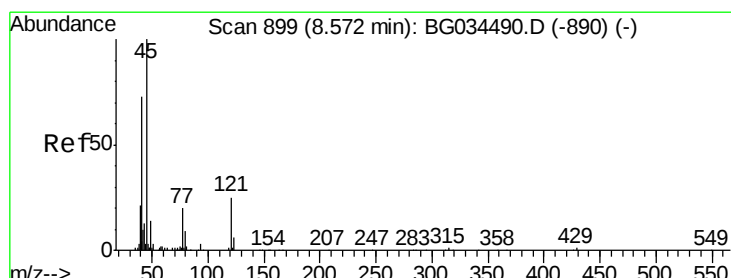
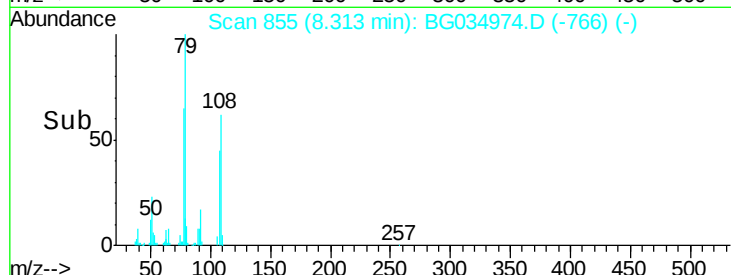
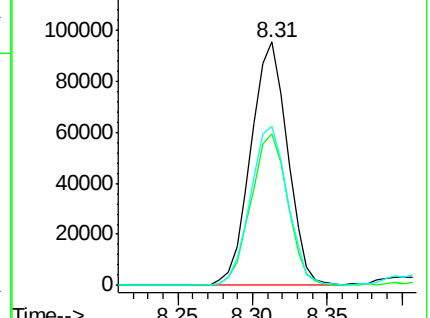
77 65.2 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.97 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

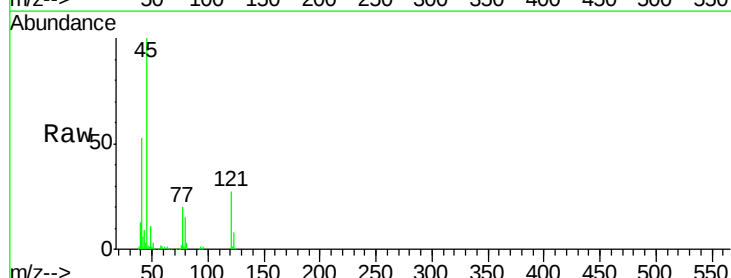
Tgt Ion: 45 Resp: 147603

Ion Ratio Lower Upper

45 100

77 20.4 0.0 30.2

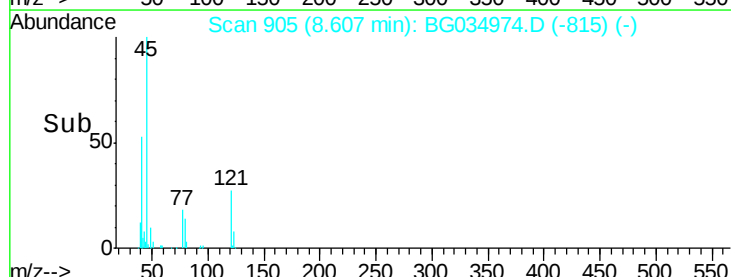
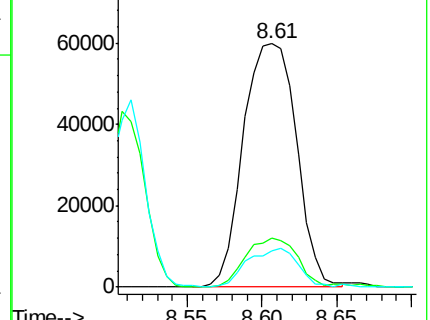
79 14.9 0.0 27.9

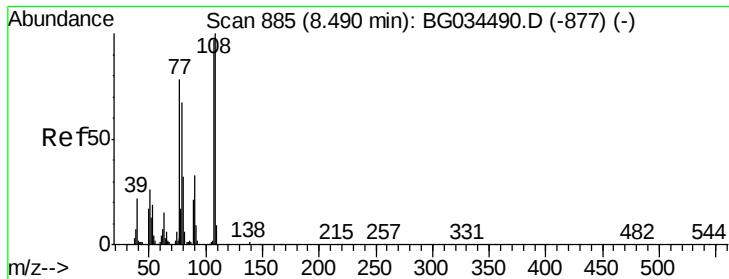


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

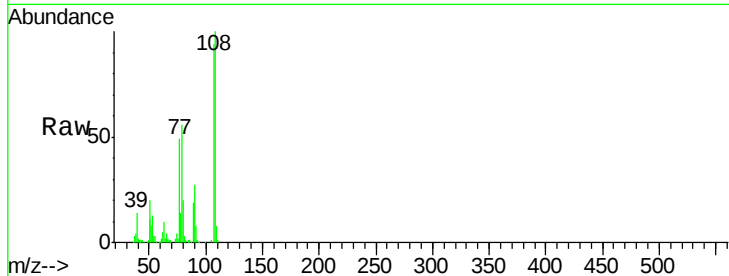




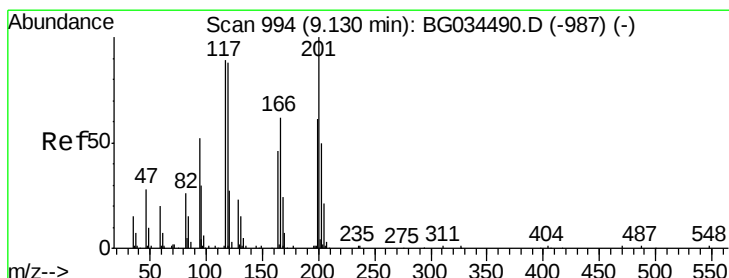
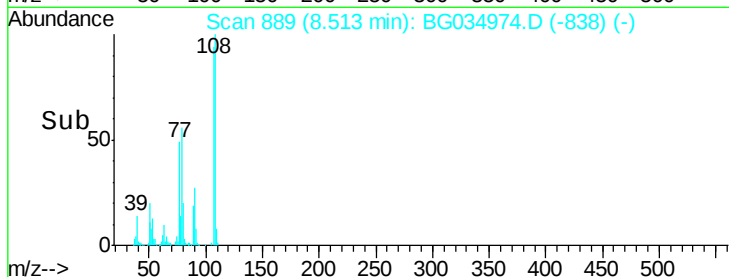
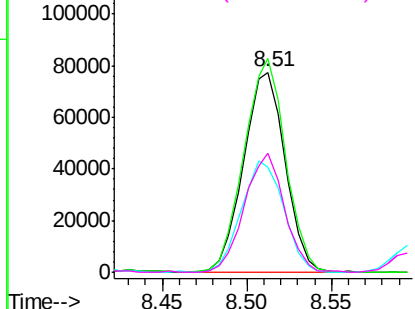
#17
2-Methylphenol
Concen: 51.43 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 132293
Ion Ratio Lower Upper
107 100
108 106.7 83.9 125.9
77 52.5 37.2 55.8
79 59.5 36.2 54.2#

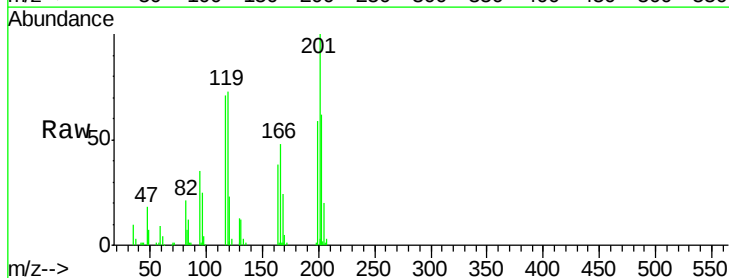


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

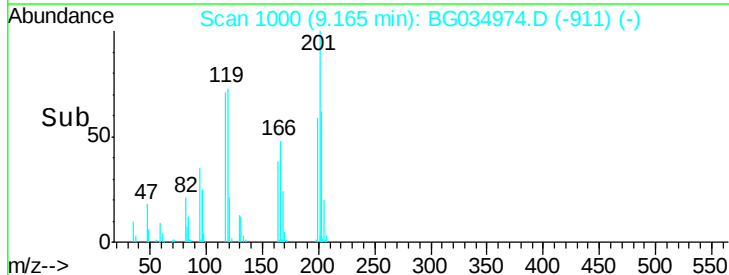
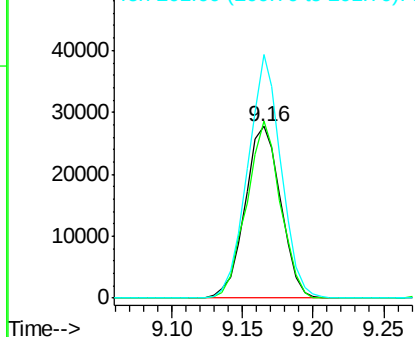


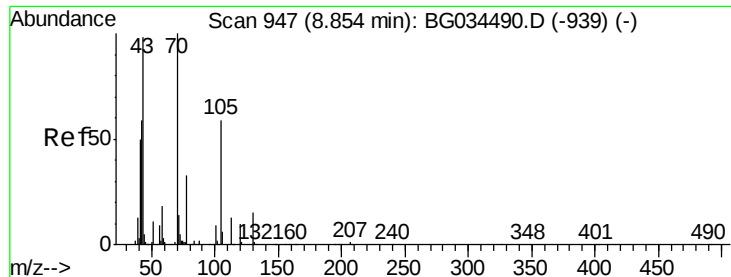
#18
Hexachloroethane
Concen: 41.61 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion:117 Resp: 49122
Ion Ratio Lower Upper
117 100
119 103.4 76.7 115.1
201 141.6 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

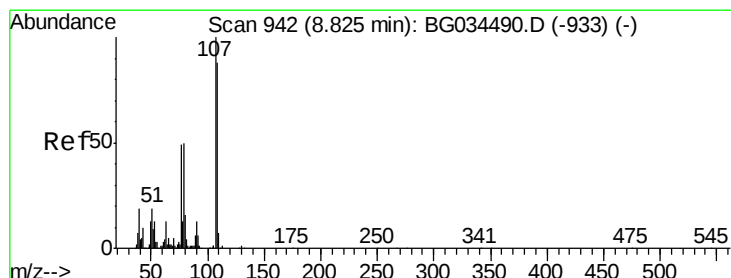
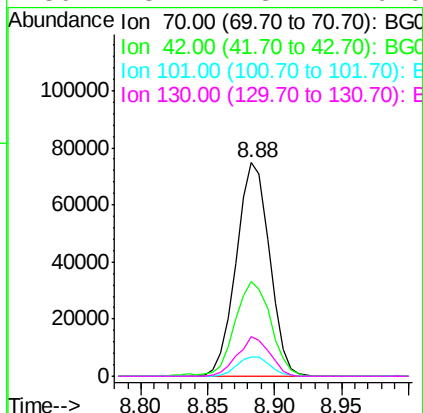
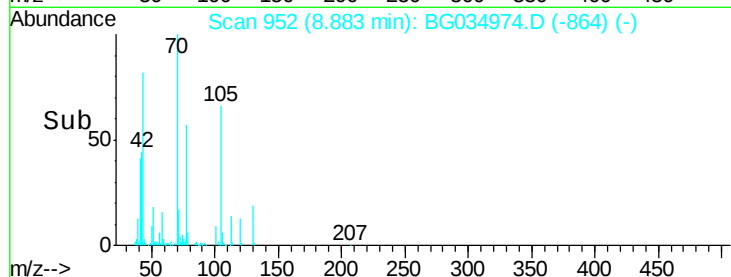
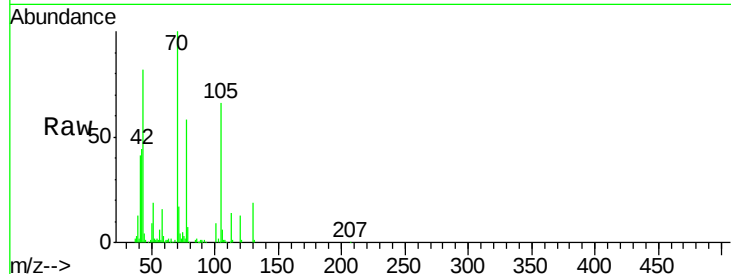




#19
n-Nitroso-di-n-propylamine
Concen: 40.21 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

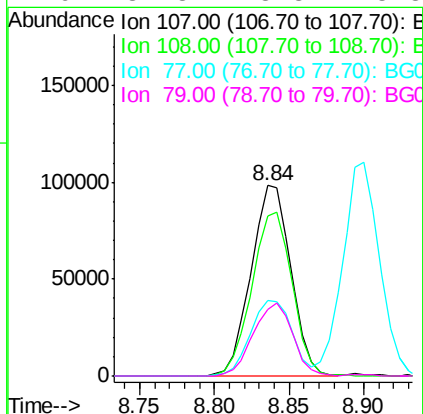
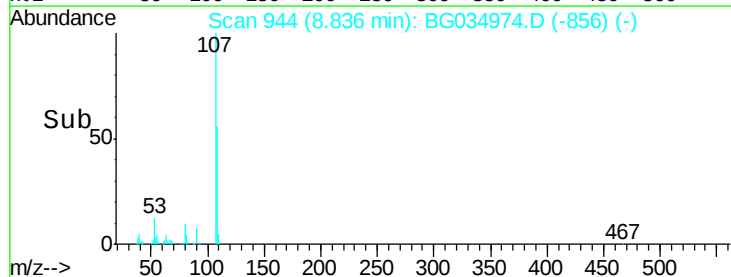
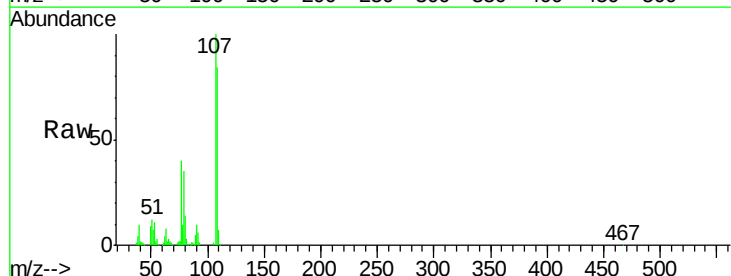
Instrument :
BNA_G
ClientSampleId :

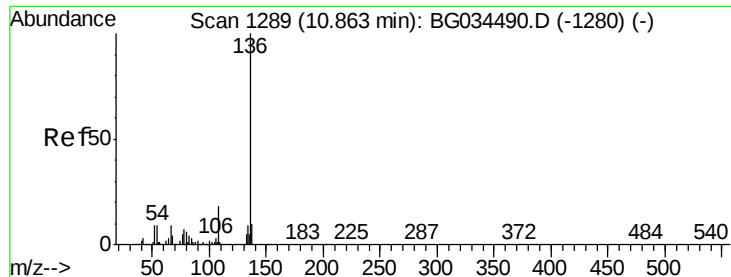
Tot Ion: 70 Resp: 128786
Ion Ratio Lower Upper
70 100
42 44.3 49.1 73.7#
101 9.1 8.5 12.7
130 18.7 13.4 20.0



#20
3+4-Methylphenols
Concen: 49.25 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion: 107 Resp: 181570
Ion Ratio Lower Upper
107 100
108 84.2 61.6 101.6
77 39.5 13.9 53.9
79 34.8 8.8 48.8

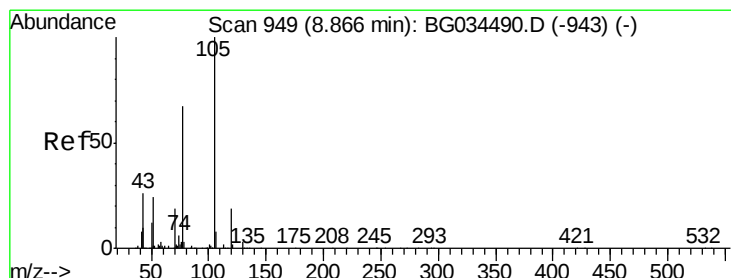
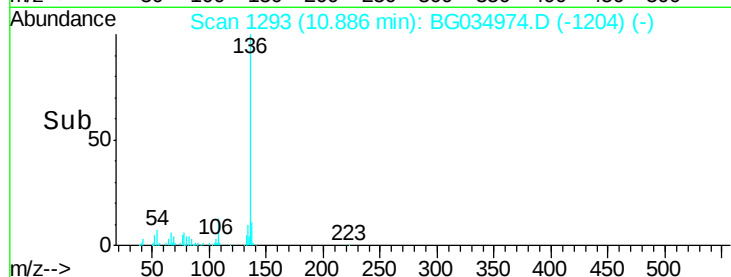
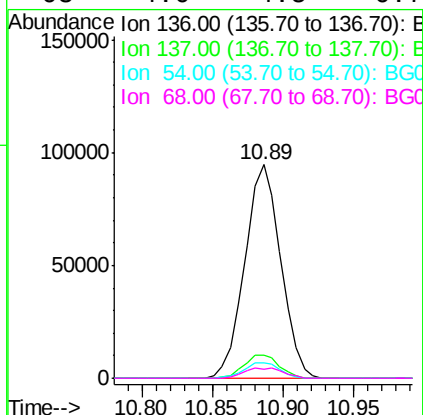
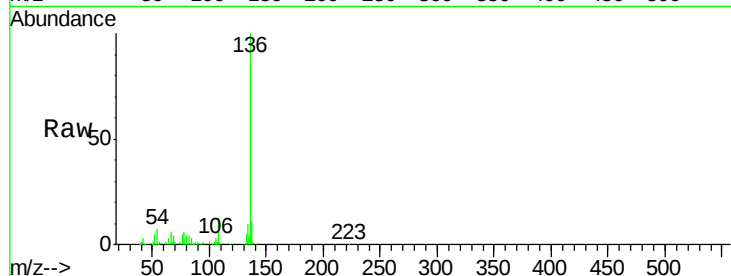




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

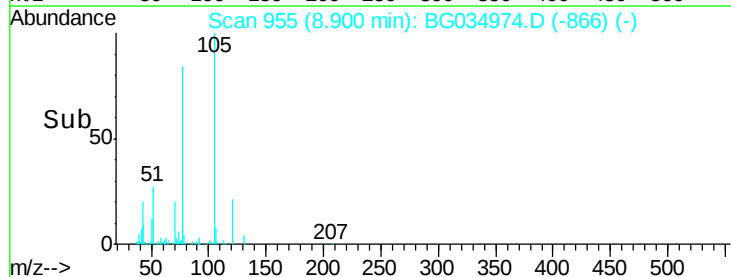
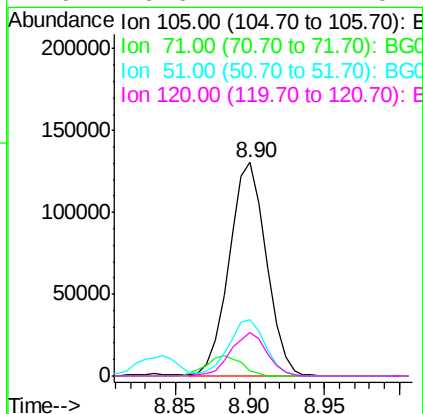
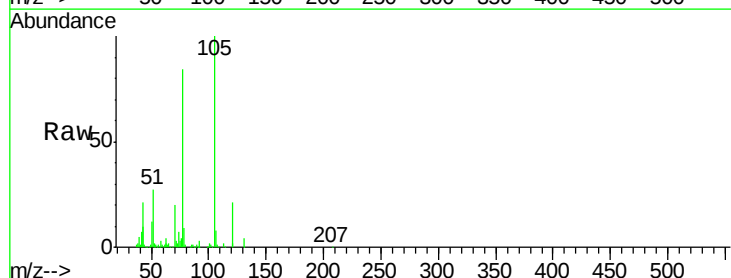
Instrument :
BNA_G
ClientSampleId :

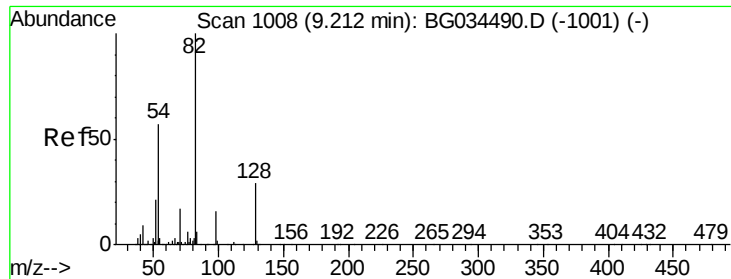
Tot Ion:136	Resp: 169078
Ion Ratio	Lower Upper
136 100	
137 11.1	9.2 13.8
54 7.2	10.3 15.5#
68 4.0	4.5 6.7#



#22
Acetophenone
Concen: 43.17 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion:105	Resp: 226110
Ion Ratio	Lower Upper
105 100	
71 2.7	3.0 4.4#
51 26.6	26.1 39.1
120 20.6	17.4 26.2

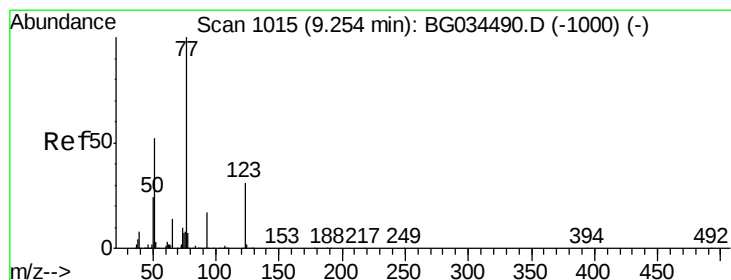
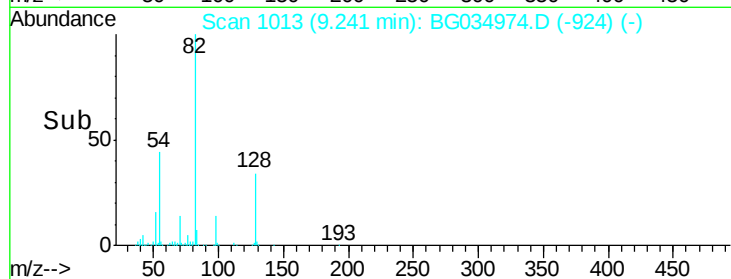
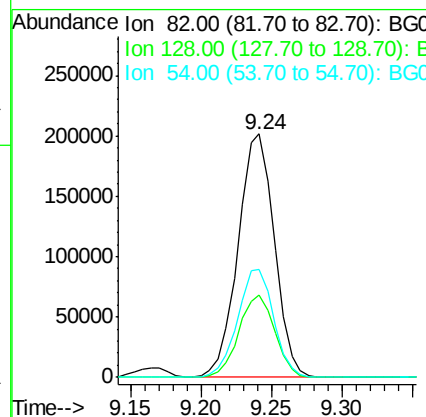
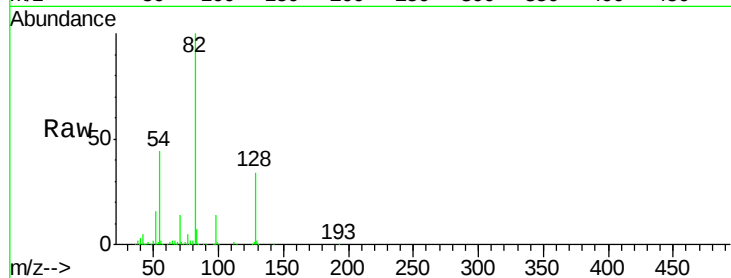




#23
 Nitrobenzene-d5
 Concen: 101.55 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

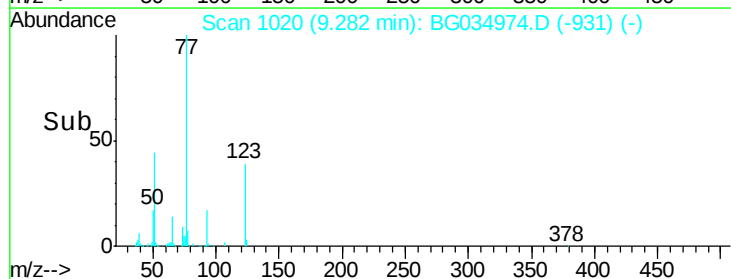
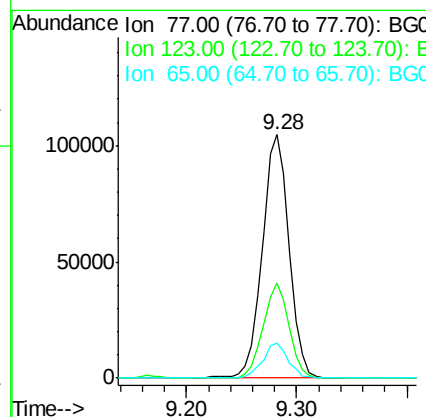
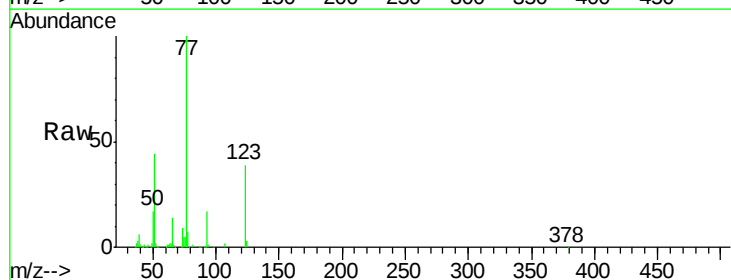
Instrument :
 BNA_G
 ClientSampleId :

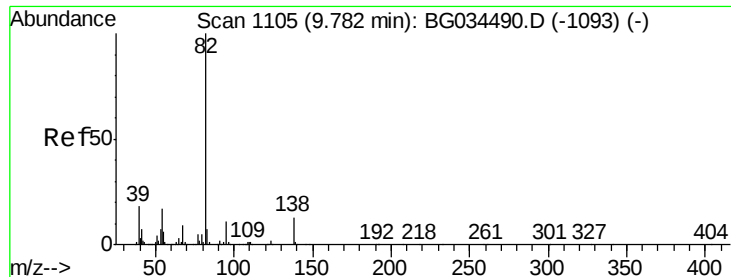
Tot Ion	82	Resp	361226
Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	44.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 48.74 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion	77	Resp	177540
Ion	Ratio	Lower	Upper
77	100		
123	39.0	33.0	49.6
65	14.5	13.0	19.6





#25

Isophorone

Concen: 48.12 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampled :

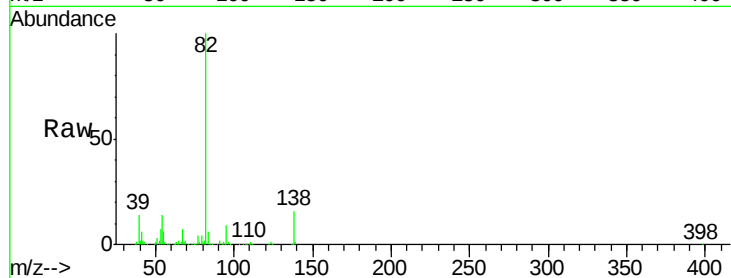
Tot Ion: 82 Resp: 361363

Ion Ratio Lower Upper

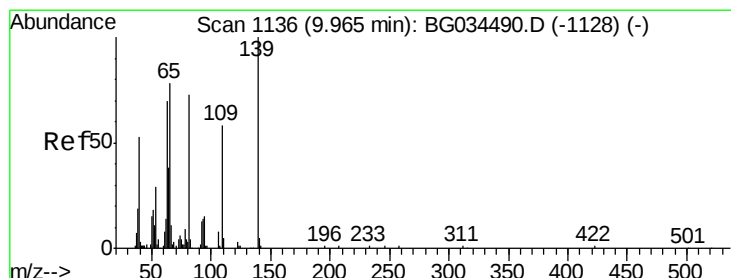
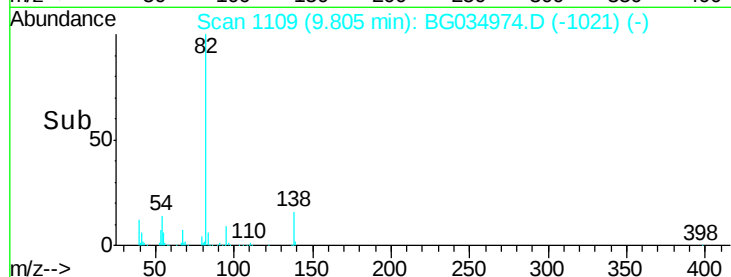
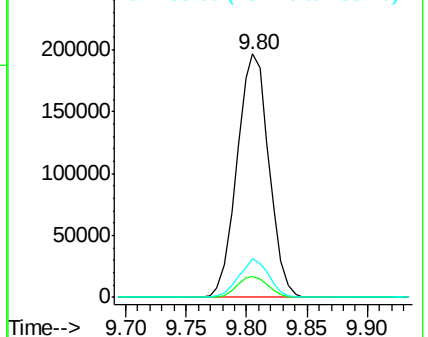
82 100

95 8.6 6.2 9.2

138 16.1 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 55.40 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

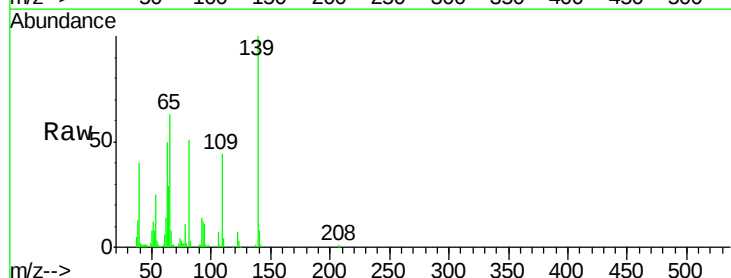
Tgt Ion: 139 Resp: 69556

Ion Ratio Lower Upper

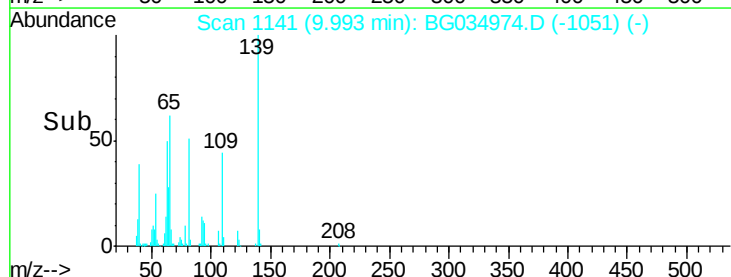
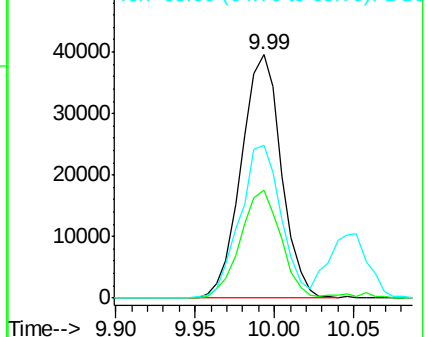
139 100

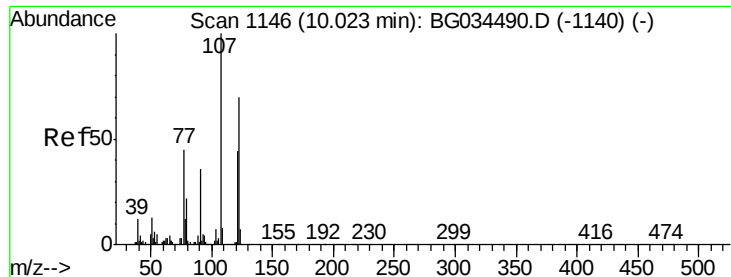
109 44.1 24.2 36.2#

65 62.7 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

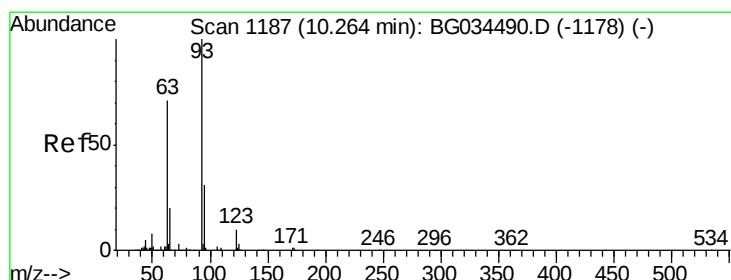
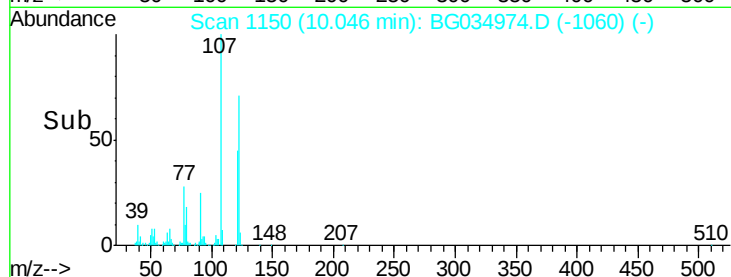
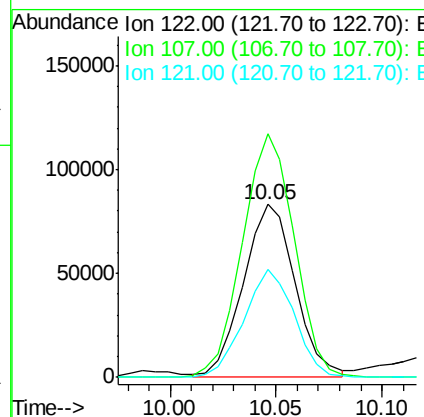
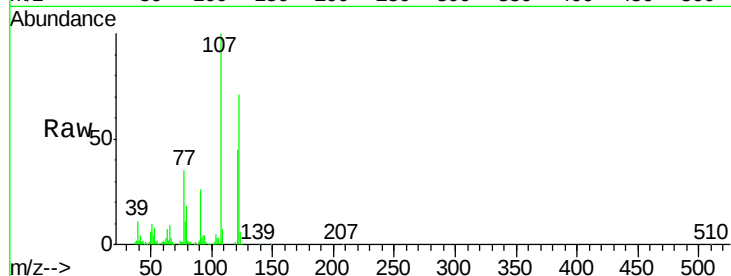




#27
 2,4-Dimethylphenol
 Concen: 53.48 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

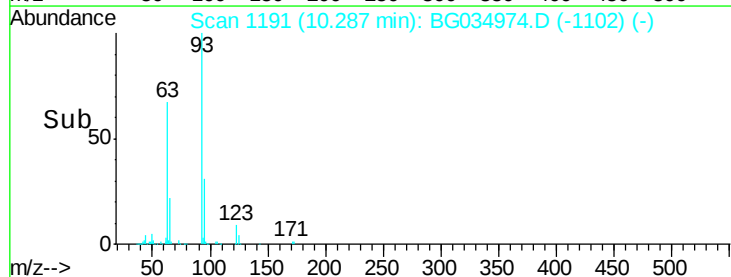
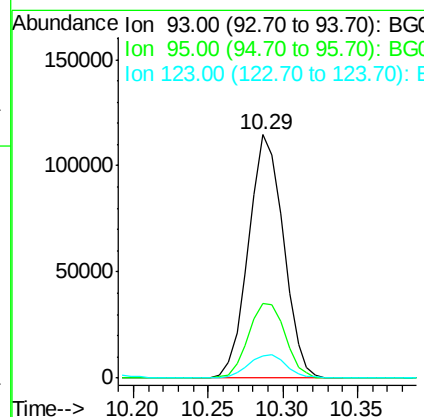
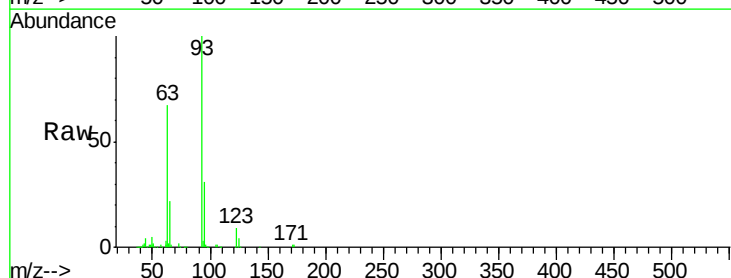
Instrument :
 BNA_G
 ClientSampleId :

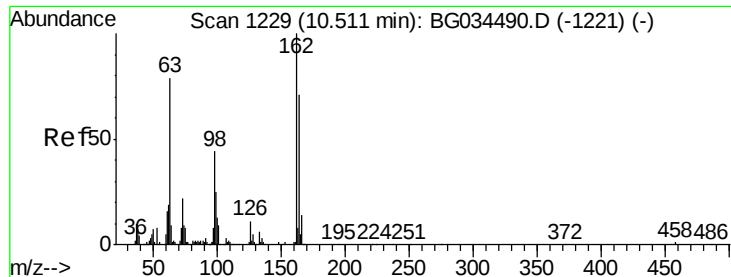
Tot Ion	Ratio	Lower	Upper
122	100		
107	140.9	100.2	150.2
121	62.8	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.89 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.3	36.5
123	9.2	8.4	12.6

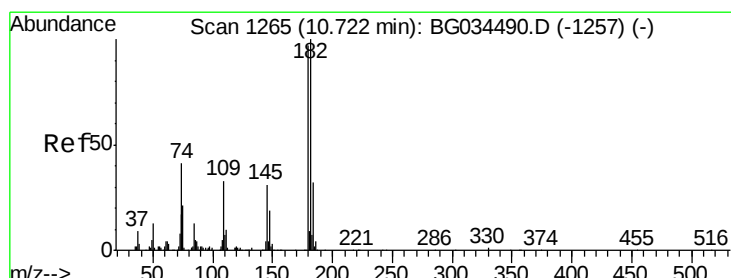
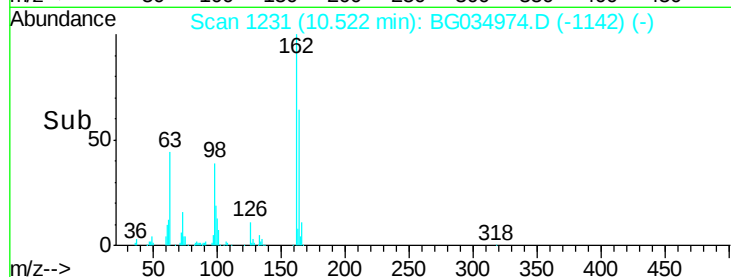
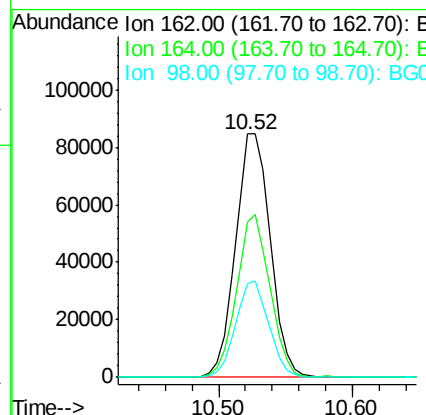
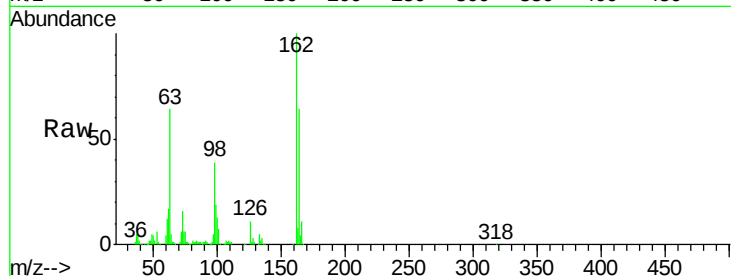




#29
2,4-Dichlorophenol
Concen: 53.21 ng
RT: 10.52 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

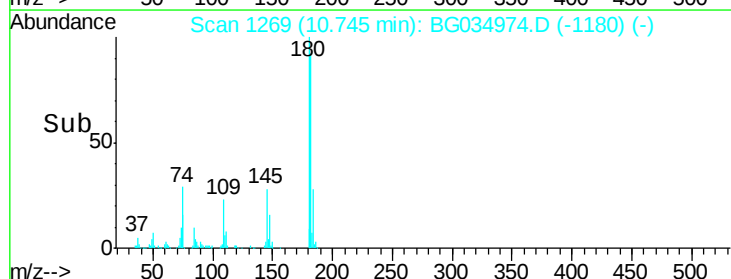
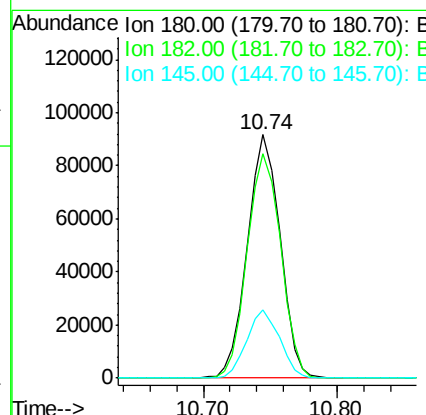
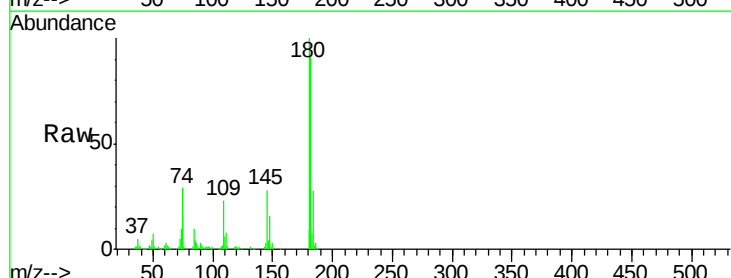
Instrument :
BNA_G
ClientSampleId :

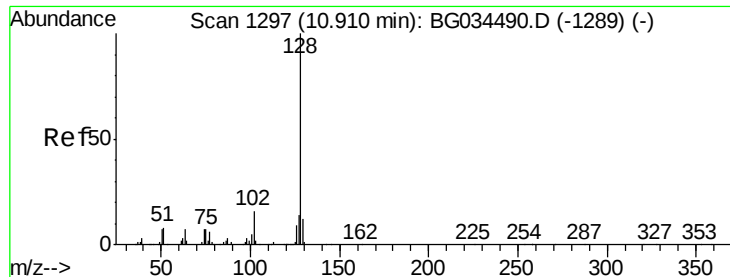
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.0	88.0
98	38.6	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 45.20 ng
RT: 10.74 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.5	116.3
145	28.1	23.4	35.2

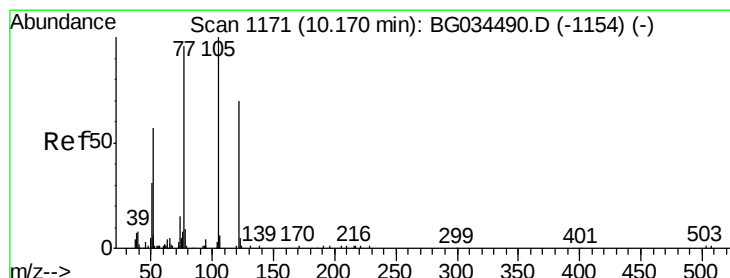
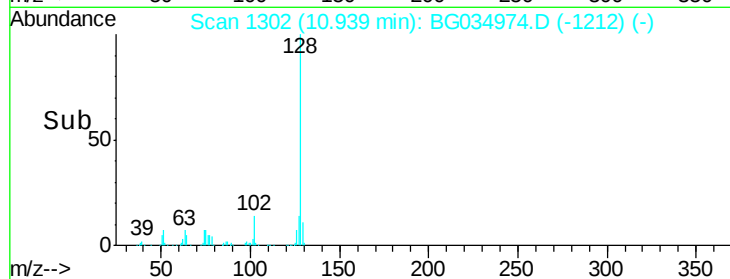
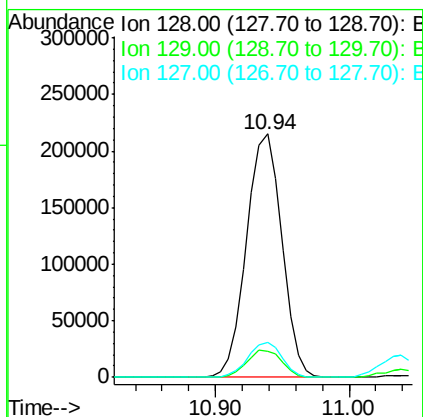
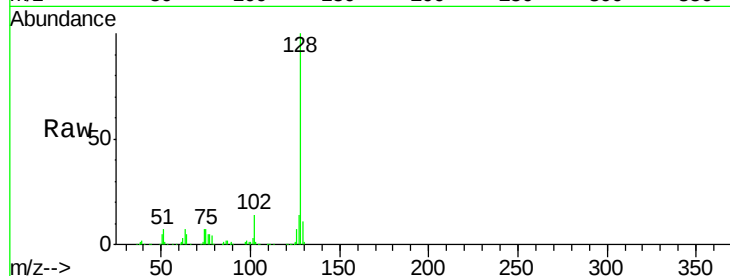




#31
Naphthalene
Concen: 44.78 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

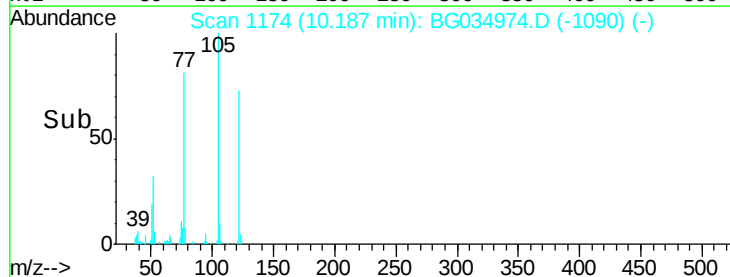
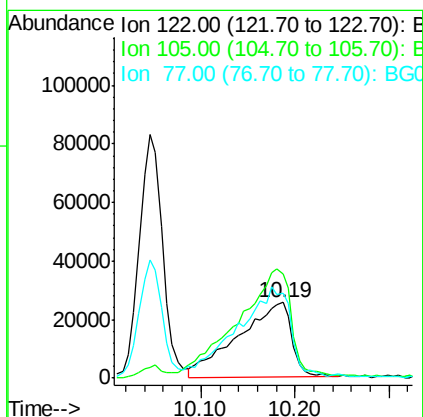
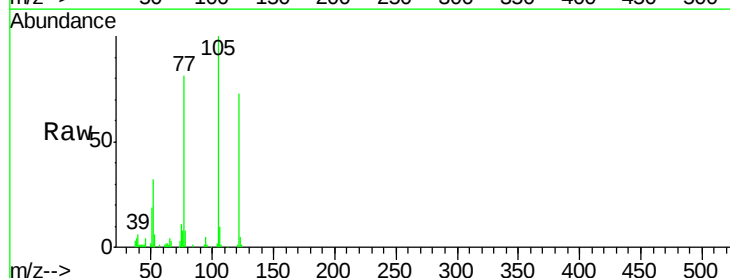
Instrument :
BNA_G
ClientSampleId :

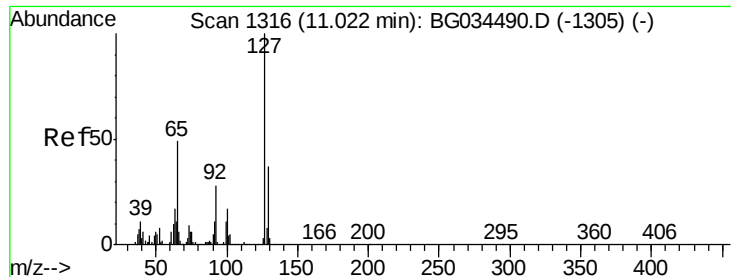
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	14.5	11.6	17.4



#32
Benzoic acid
Concen: 56.29 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.04 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.9	123.5	163.5
77	111.6	85.7	125.7

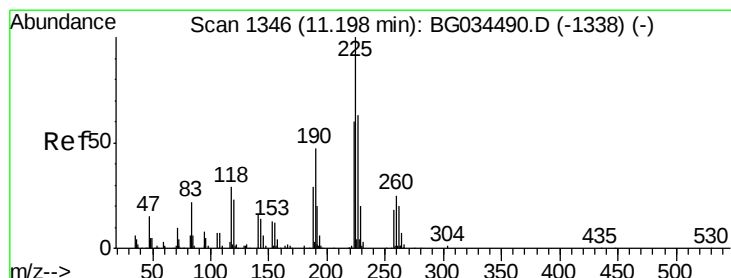
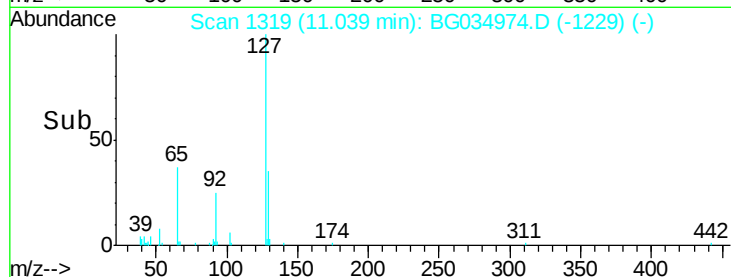
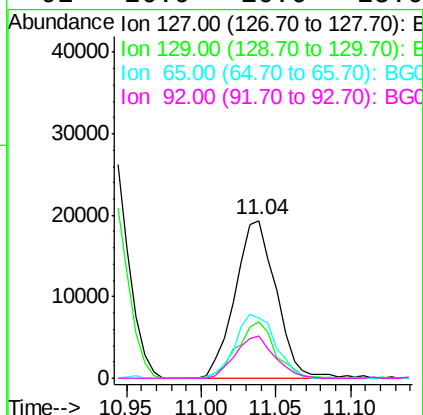
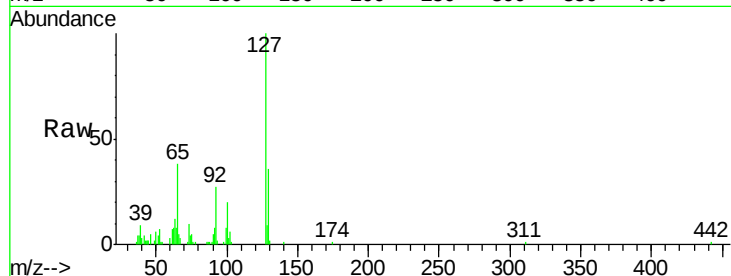




#33
4-Chloroaniline
Concen: 9.66 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

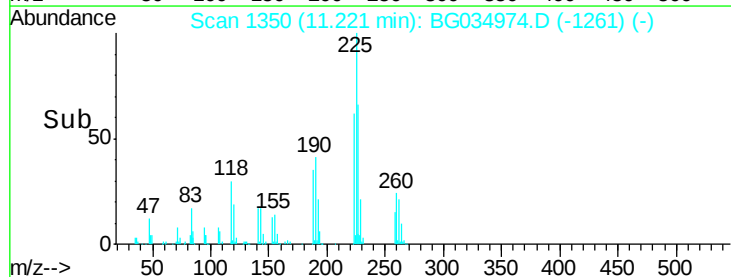
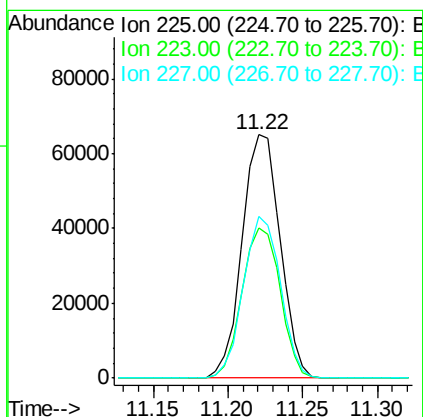
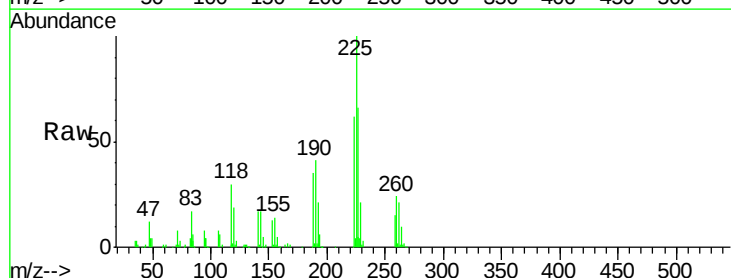
Instrument :
BNA_G
ClientSampleId :

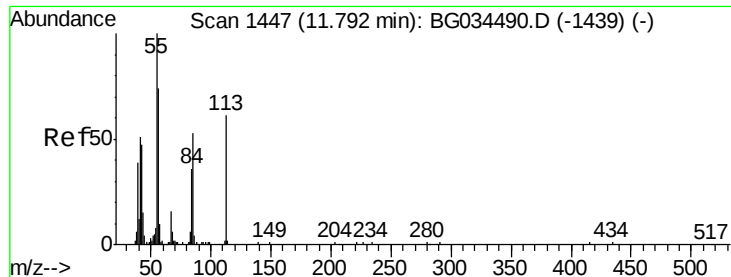
Tot Ion	Ratio	Lower	Upper
127	100		
129	35.6	24.0	36.0
65	37.8	27.0	40.4
92	26.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.77 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.7	74.5
227	66.4	48.1	72.1

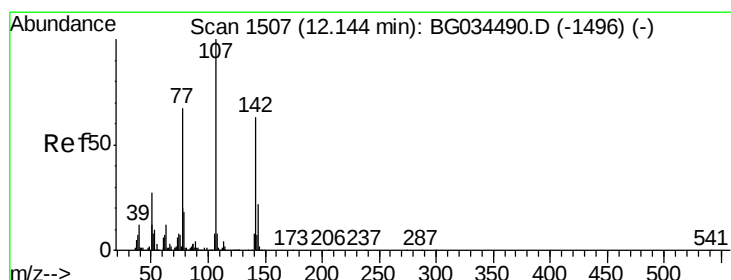
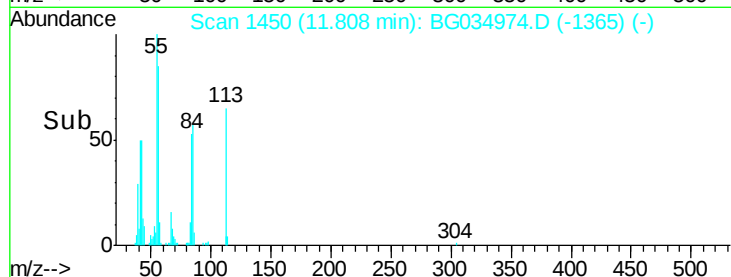
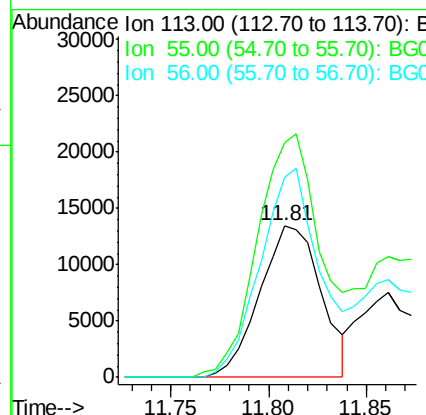
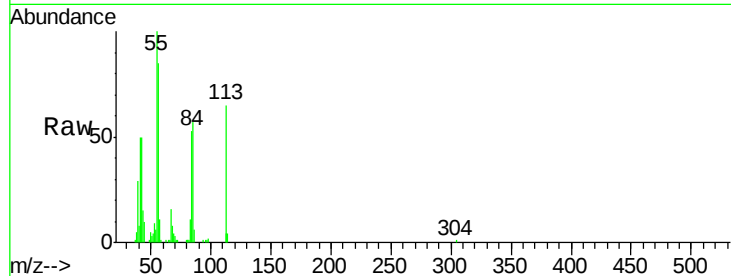




#35
 Caprolactam
 Concen: 27.54 ng
 RT: 11.81 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

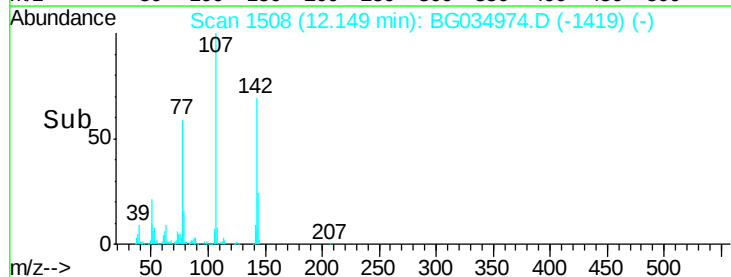
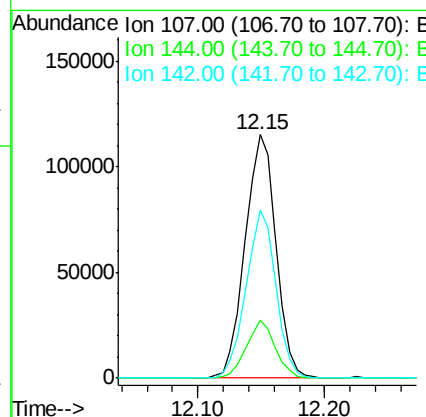
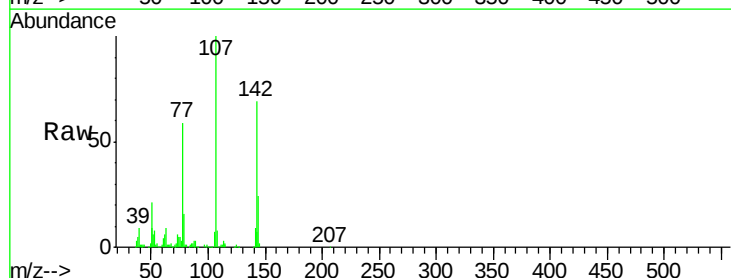
Instrument :
 BNA_G
 ClientSampled :

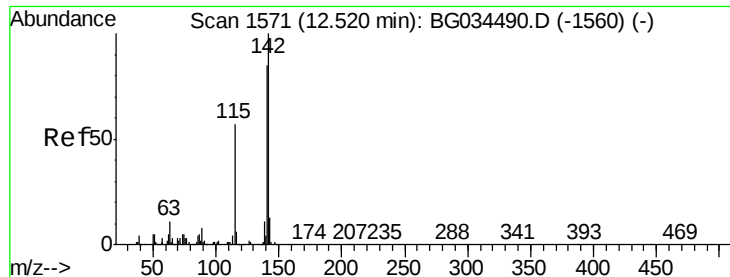
Tot Ion:113 Resp: 29230
 Ion Ratio Lower Upper
 113 100
 55 154.6 186.9 226.9#
 56 131.8 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.38 ng
 RT: 12.15 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion:107 Resp: 194660
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.2 27.4
 142 69.1 59.0 88.4

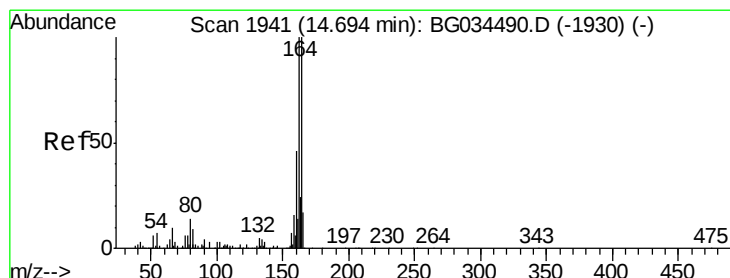
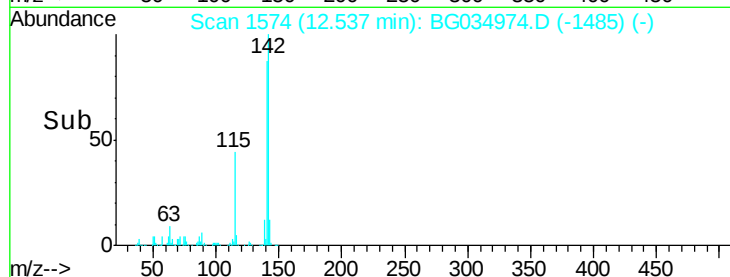
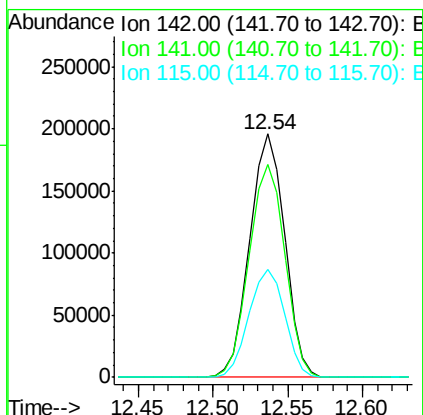
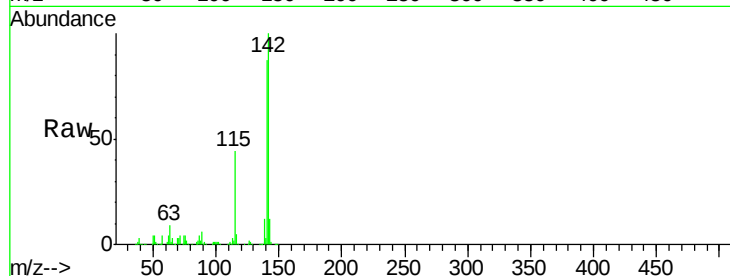




#37
2-Methylnaphthalene
Concen: 47.60 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

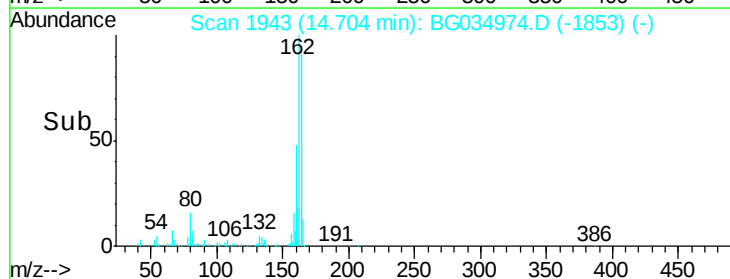
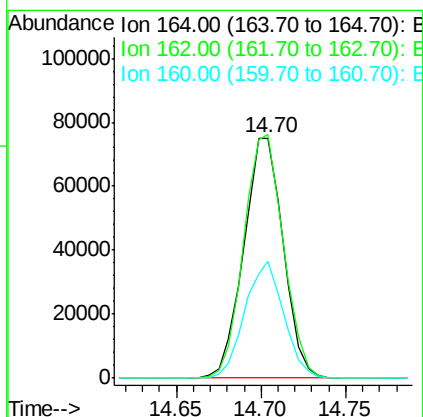
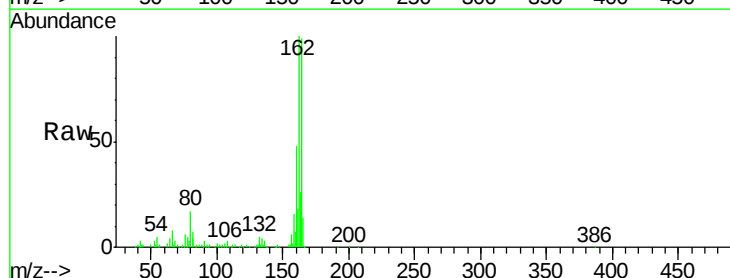
Instrument :
BNA_G
ClientSampled :

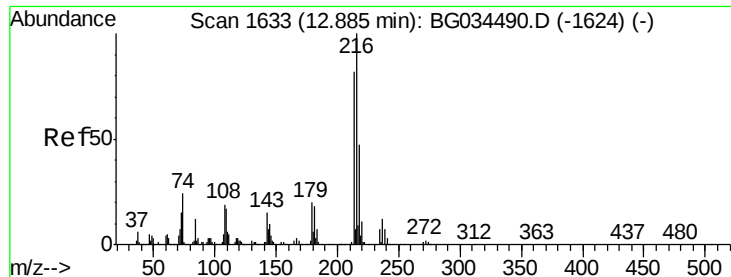
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	67.1	100.7
115	44.3	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	48.9	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.88 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG034974.D

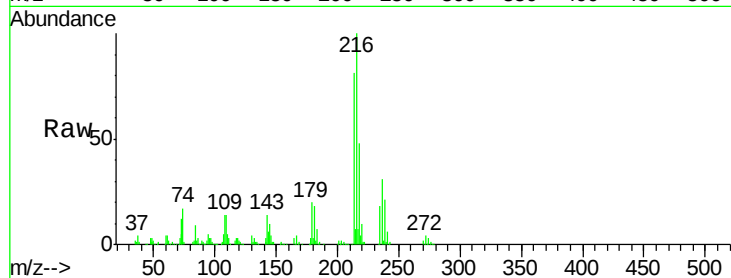
Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	208165
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.2	17.0	25.6
108	17.8	12.8	19.2

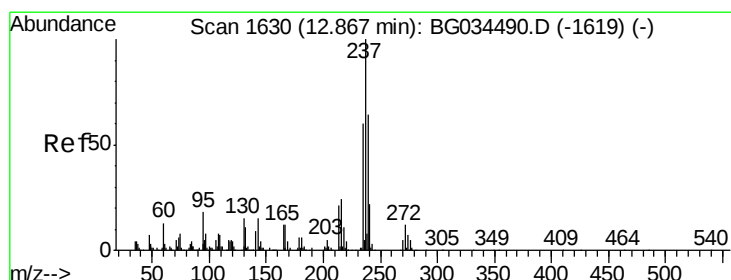
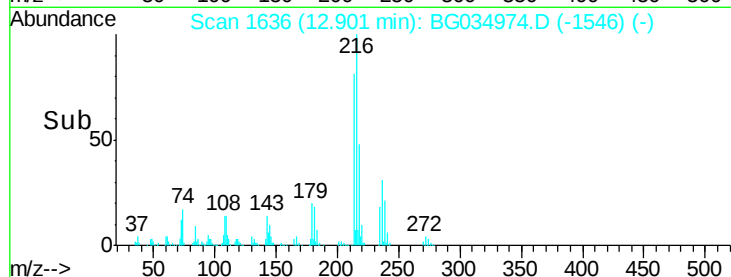
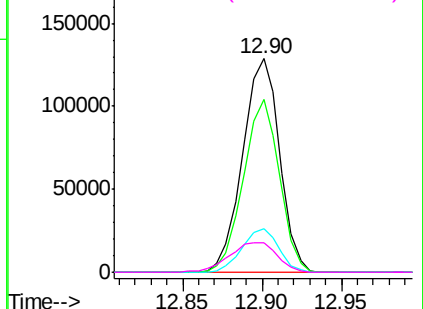


Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.74 ng

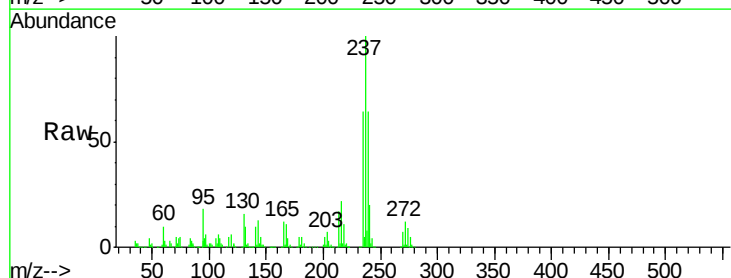
RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

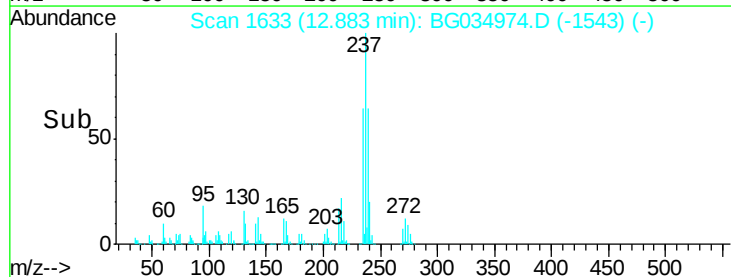
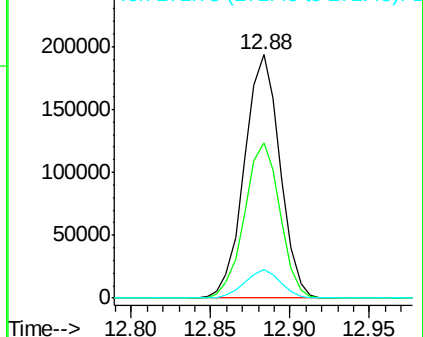
Tgt Ion:	237	Resp:	300874
Ion	Ratio	Lower	Upper
237	100		
235	63.7	50.4	90.4
272	11.5	0.0	31.8

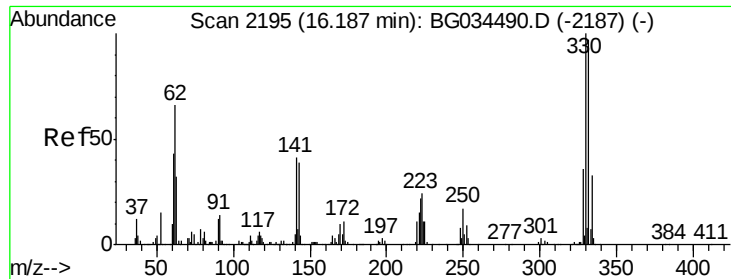


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

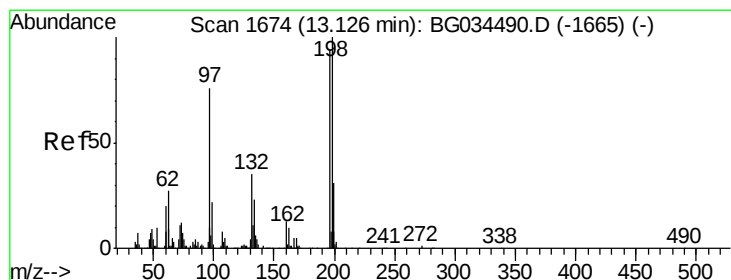
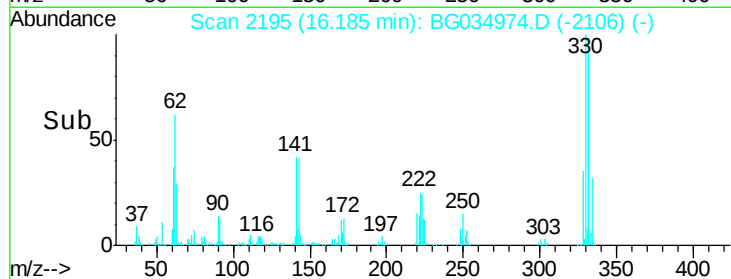
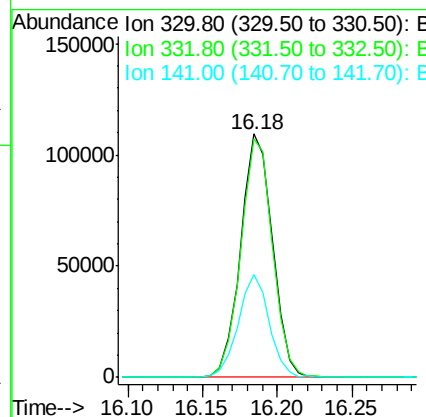
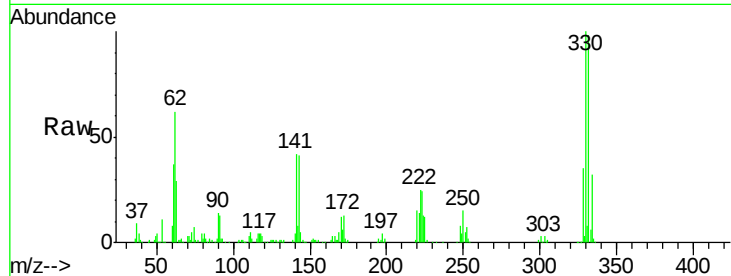




#41
 2,4,6-Tribromophenol
 Concen: 103.83 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

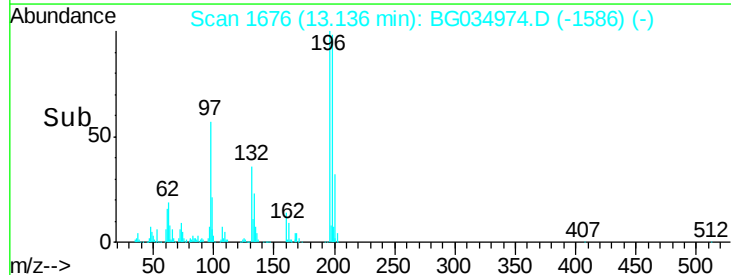
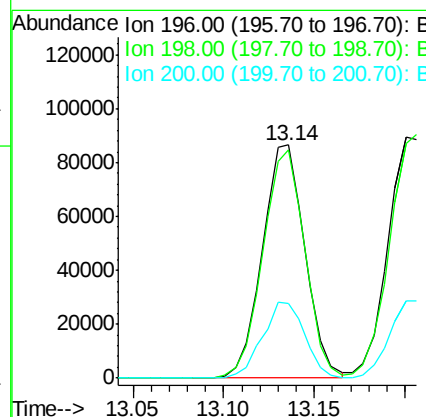
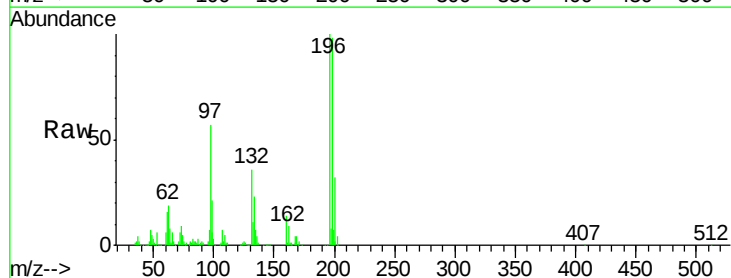
Instrument :
 BNA_G
 ClientSampled :

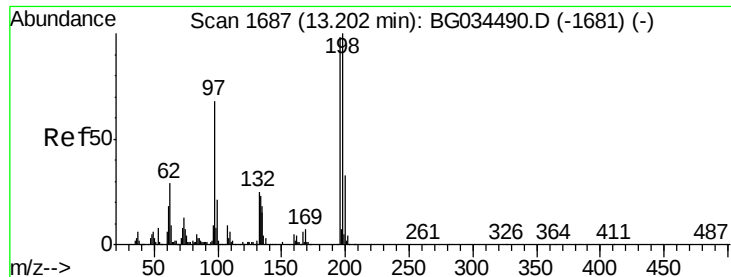
Tot Ion:330 Resp: 161921
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 40.8 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 52.34 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion:196 Resp: 142199
 Ion Ratio Lower Upper
 196 100
 198 98.1 78.2 117.2
 200 32.2 24.6 36.8

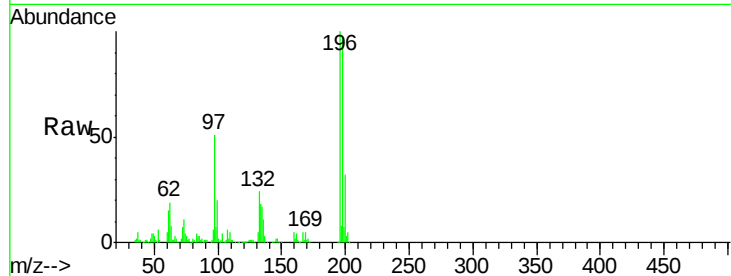




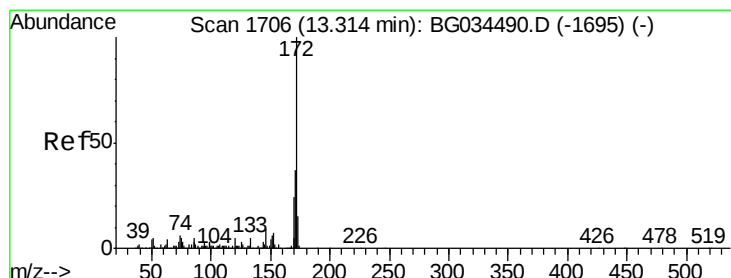
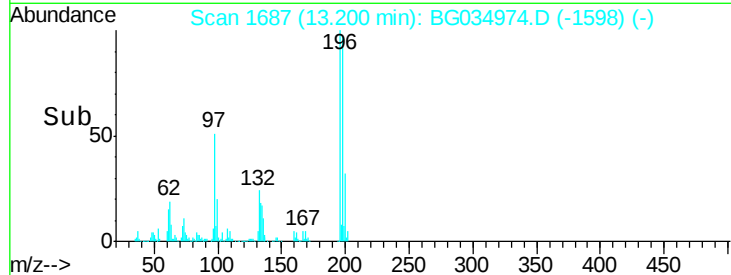
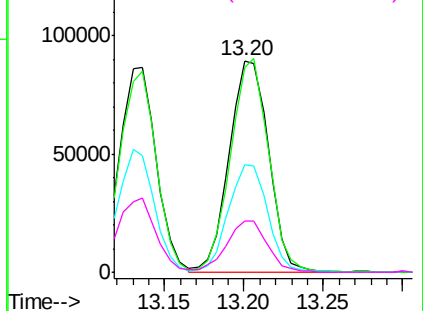
#43
2,4,5-Trichlorophenol
Concen: 51.68 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.2	114.4
97	51.0	38.7	58.1
132	24.0	20.2	30.2

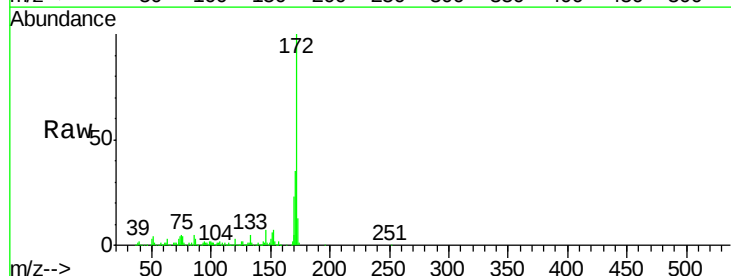


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

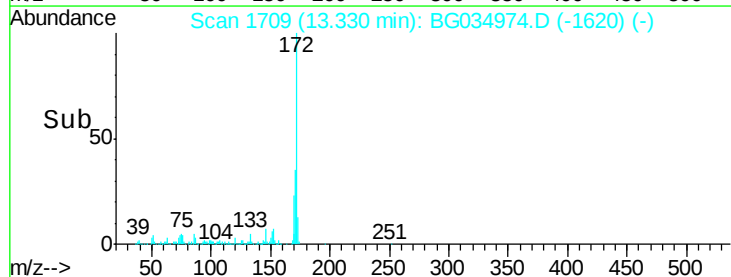
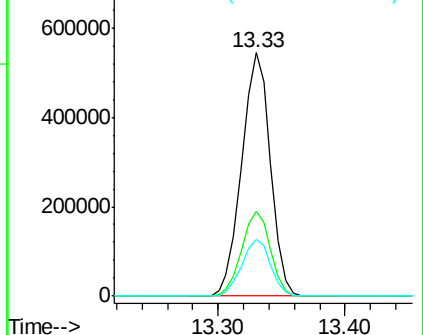


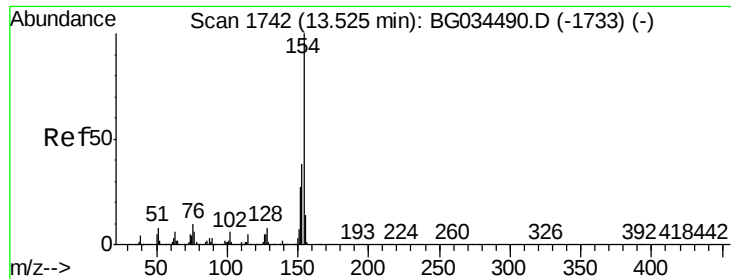
#44
2-Fluorobiphenyl
Concen: 90.92 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	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

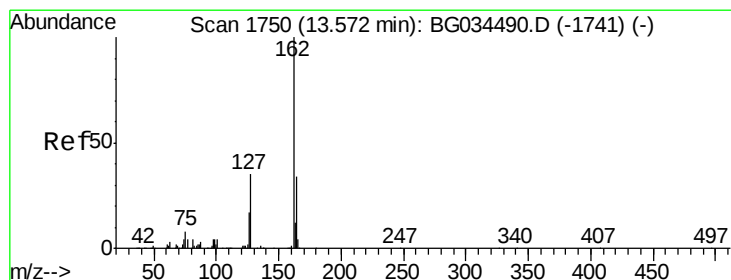
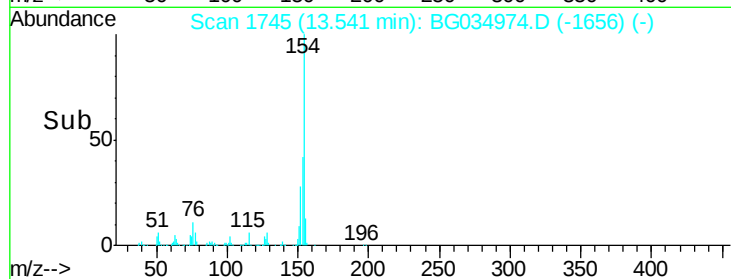
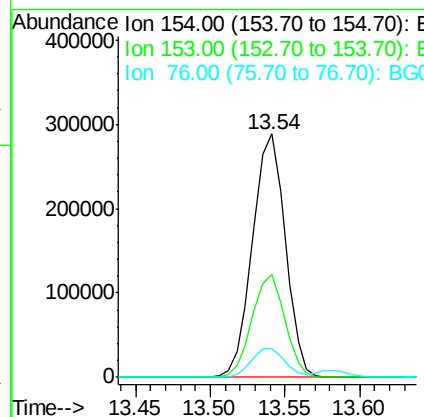
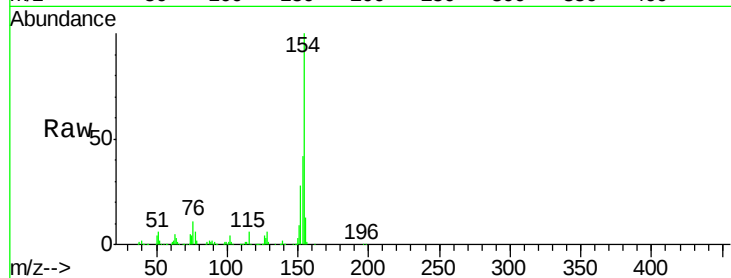




#45
 1,1'-Biphenyl
 Concen: 44.62 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

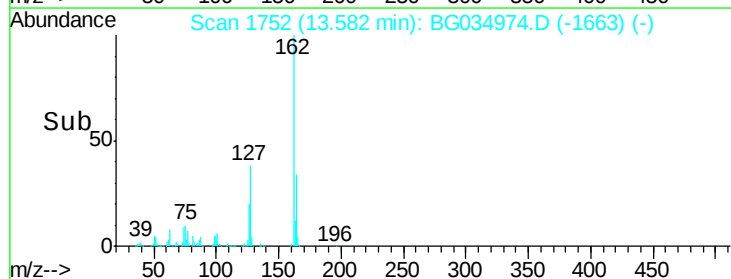
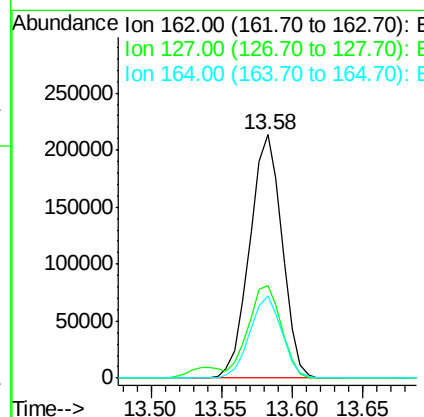
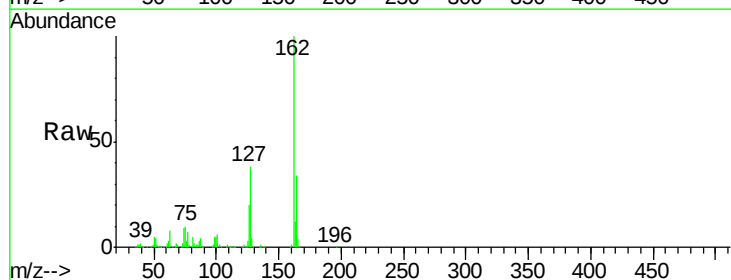
Instrument :
 BNA_G
 ClientSampleId :

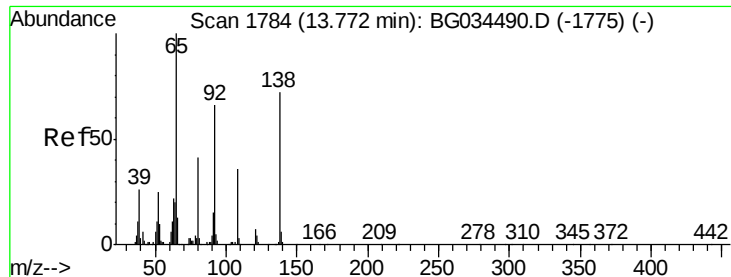
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	11.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 45.98 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	33.7	26.0	39.0





#47

2-Nitroaniline

Concen: 56.18 ng

RT: 13.78 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampled :

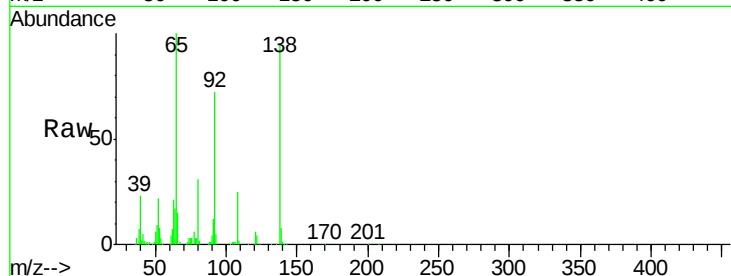
Tot Ion: 65 Resp: 122868

Ion Ratio Lower Upper

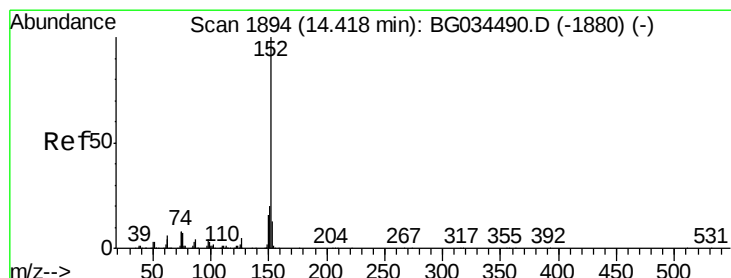
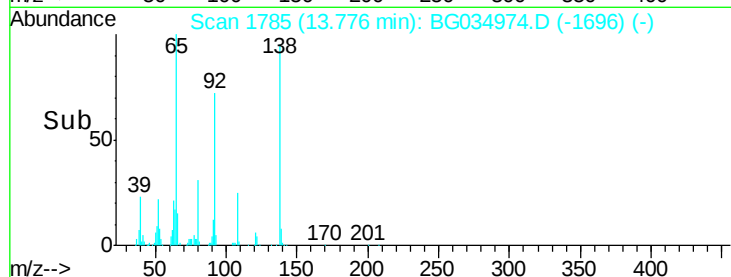
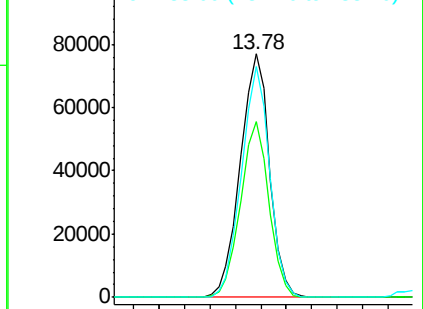
65 100

92 72.4 54.6 82.0

138 95.0 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: 46.84 ng

RT: 14.42 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

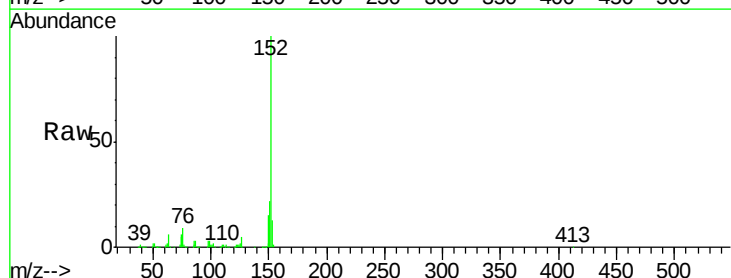
Tgt Ion: 152 Resp: 581622

Ion Ratio Lower Upper

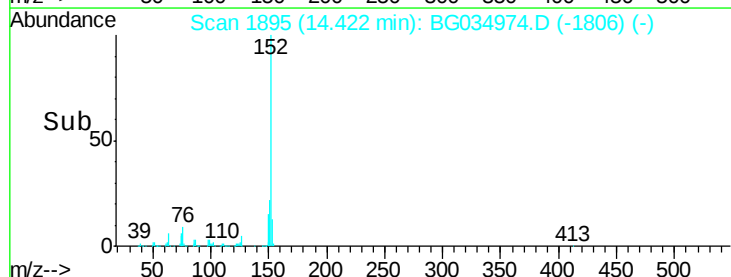
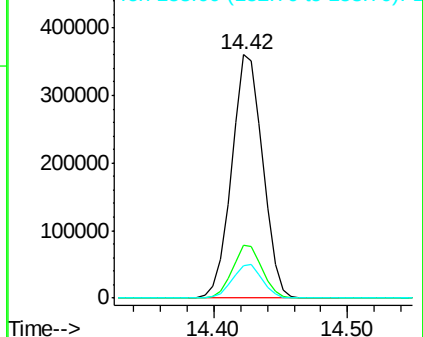
152 100

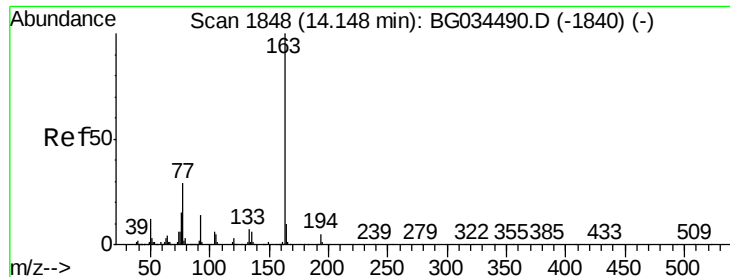
151 21.7 17.2 25.8

153 13.2 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: 45.75 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

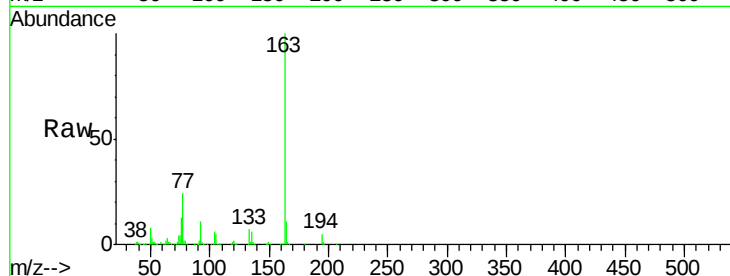
Tot Ion:163 Resp: 486026

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

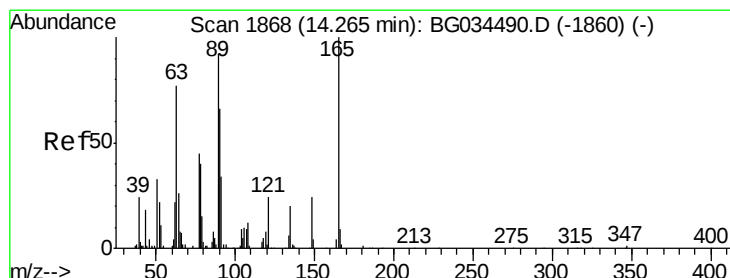
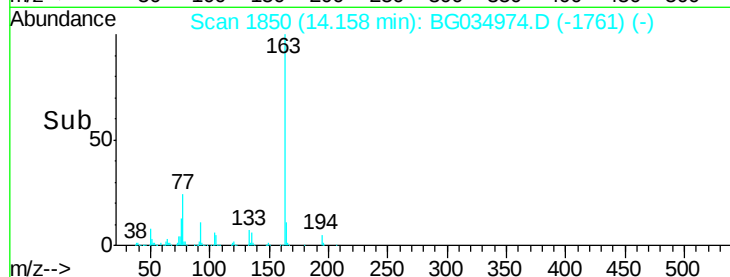
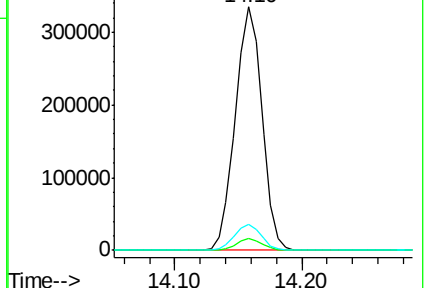
164 10.5 8.2 12.4



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: 55.21 ng

RT: 14.27 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

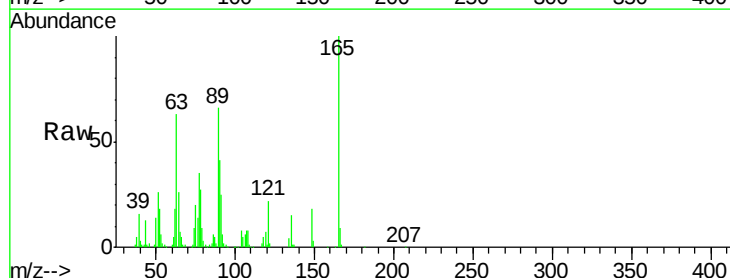
Tgt Ion:165 Resp: 107000

Ion Ratio Lower Upper

165 100

63 63.0 52.7 79.1

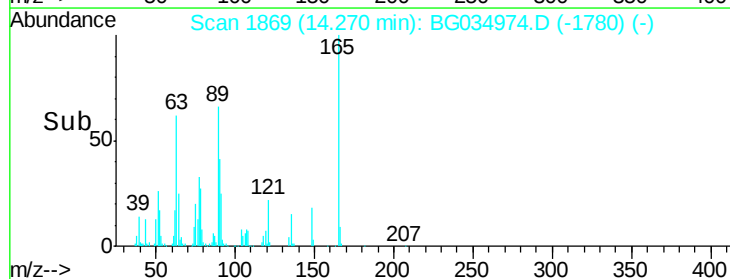
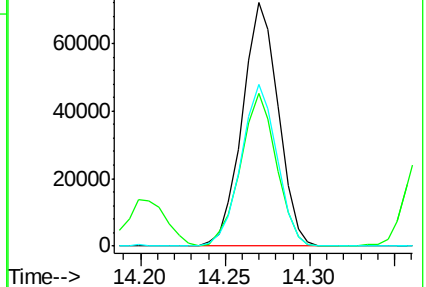
89 66.3 49.2 73.8

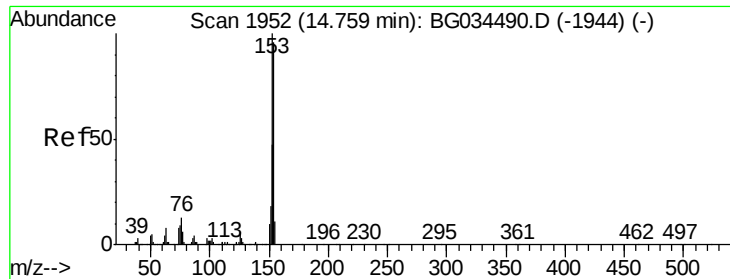


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.97 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

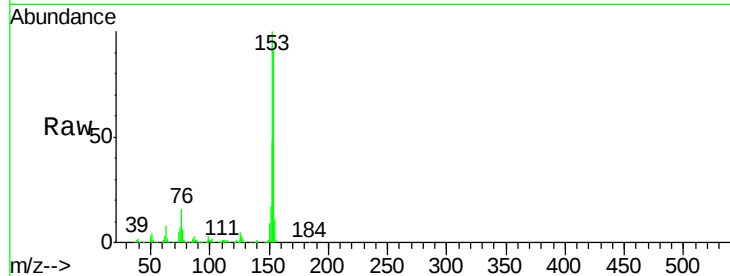
Tot Ion:154 Resp: 356744

Ion Ratio Lower Upper

154 100

153 110.1 90.4 135.6

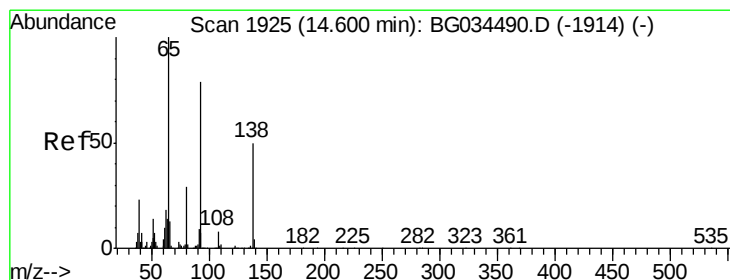
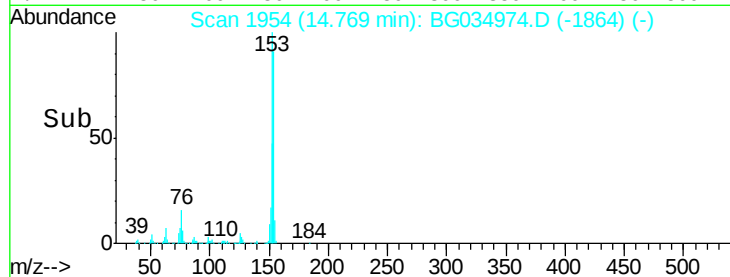
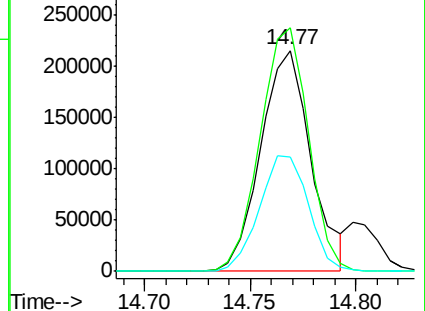
152 51.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.72 ng

RT: 14.60 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

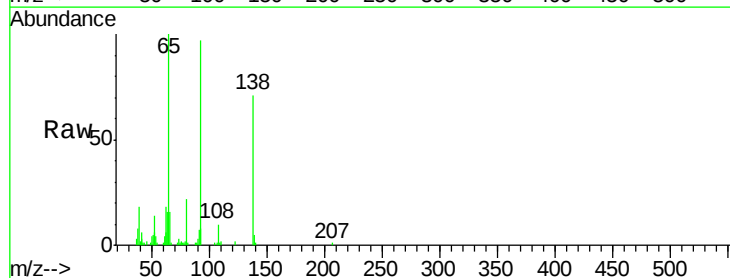
Tgt Ion:138 Resp: 35597

Ion Ratio Lower Upper

138 100

108 14.1 17.5 26.3#

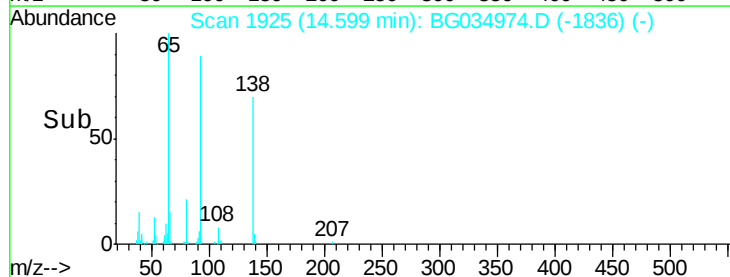
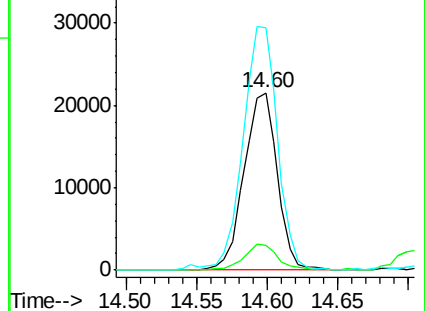
92 136.7 105.8 158.8

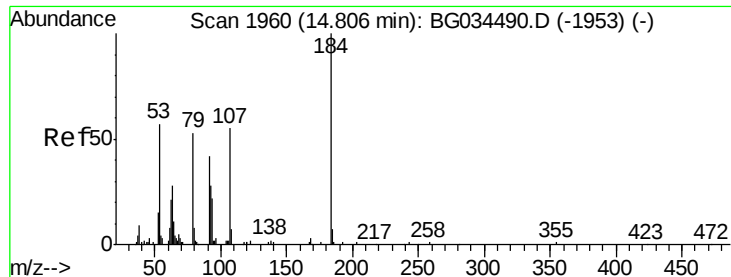


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 123.91 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

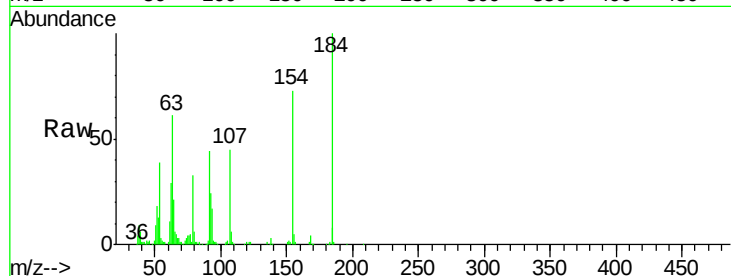
Tot Ion:184 Resp: 97188

Ion Ratio Lower Upper

184 100

63 61.1 59.8 89.8

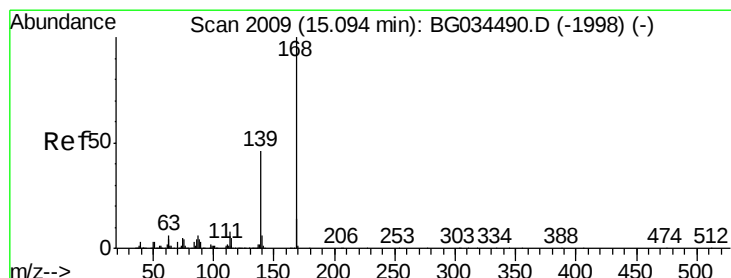
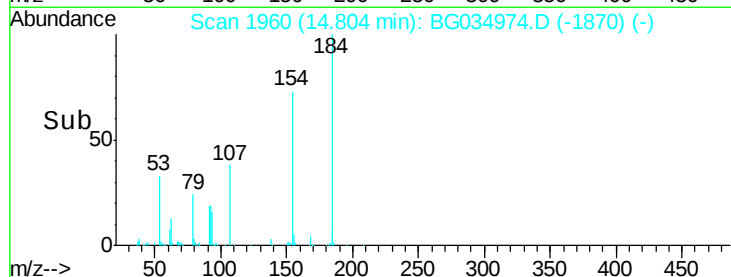
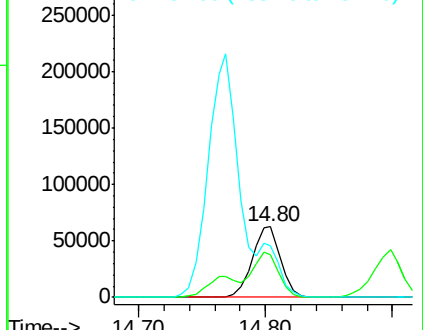
154 72.7 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.19 ng

RT: 15.10 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

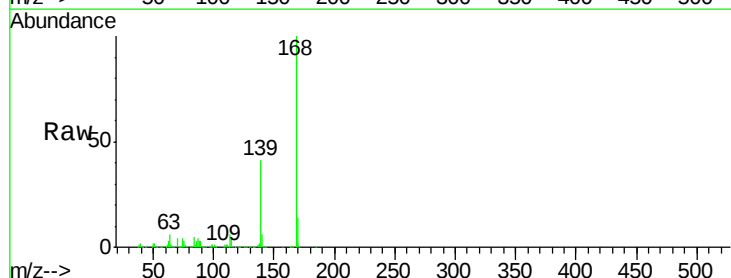
Tgt Ion:168 Resp: 561290

Ion Ratio Lower Upper

168 100

139 40.8 28.6 43.0

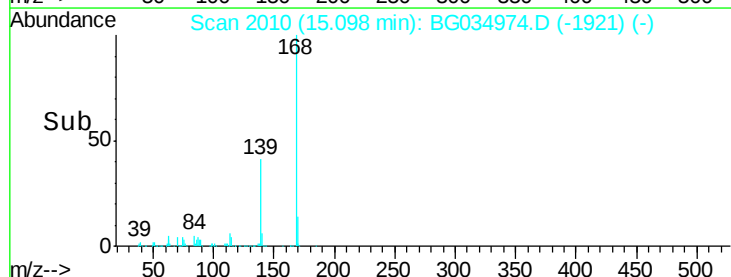
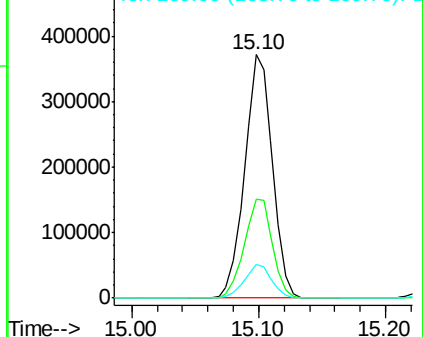
169 13.8 11.2 16.8

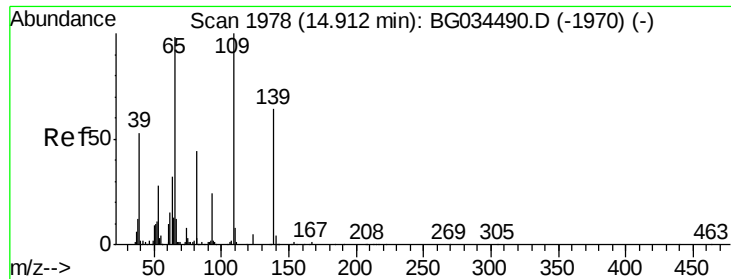


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

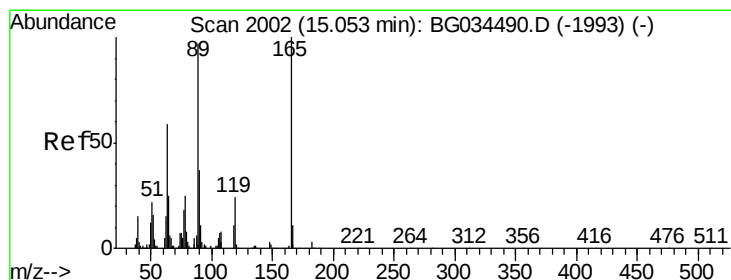
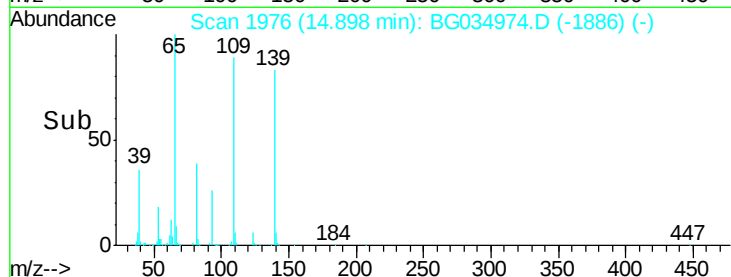
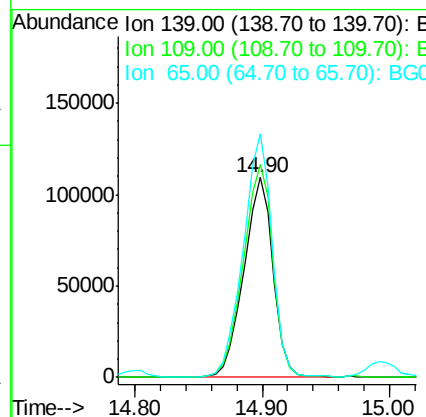
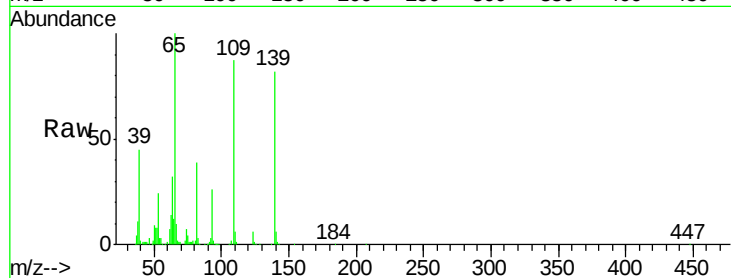




#55
4-Nitrophenol
Concen: 108.59 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

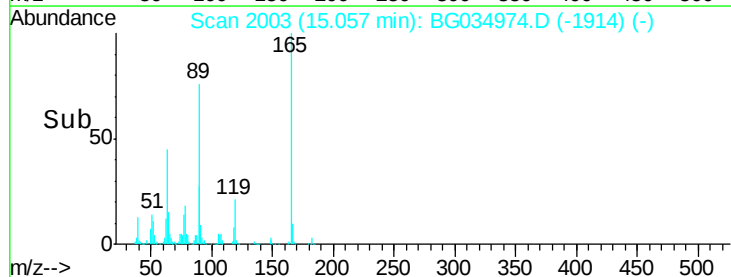
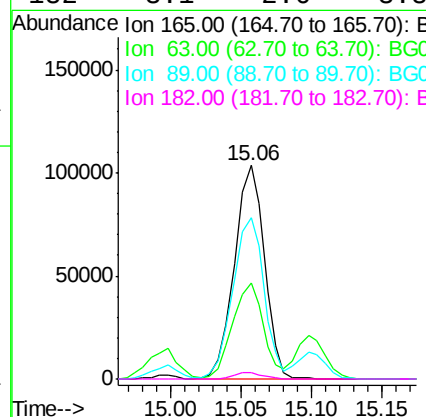
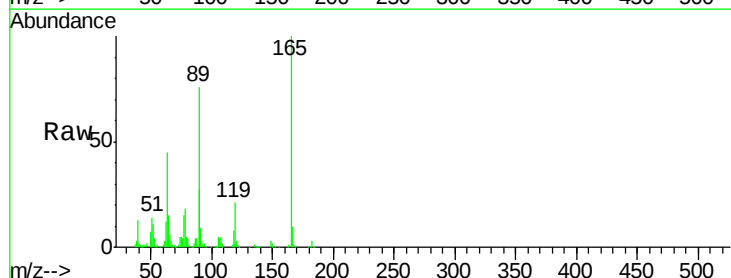
Instrument :
BNA_G
ClientSampleId :

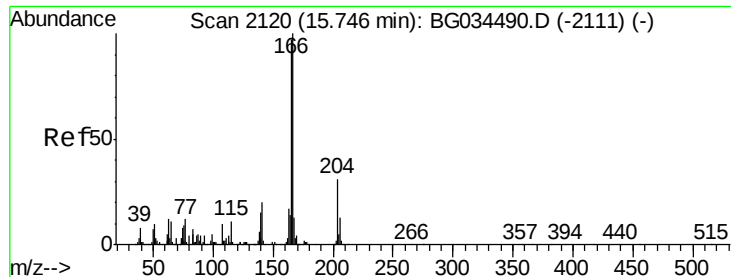
Tot Ion:139 Resp: 174284
Ion Ratio Lower Upper
139 100
109 106.5 62.2 102.2#
65 122.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 59.89 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion:165 Resp: 154189
Ion Ratio Lower Upper
165 100
63 45.1 42.0 63.0
89 75.6 66.9 100.3
182 3.1 2.6 3.8





#57

Fluorene

Concen: 46.64 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

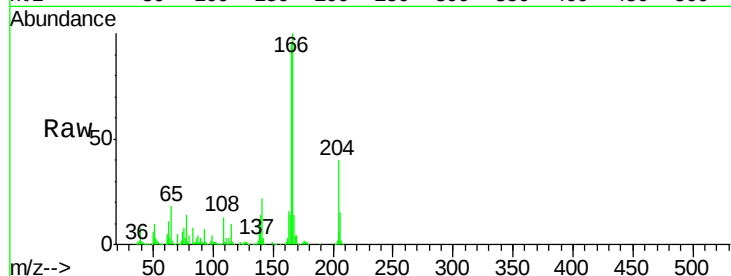
Tot Ion:166 Resp: 473633

Ion Ratio Lower Upper

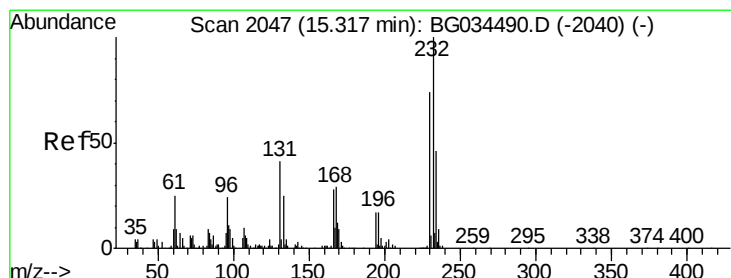
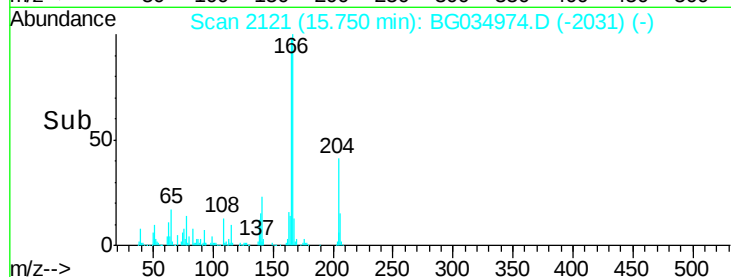
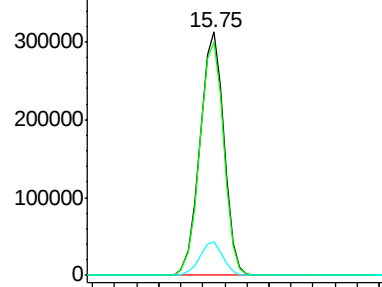
166 100

165 95.7 80.6 121.0

167 13.8 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: 54.78 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Tgt Ion:232 Resp: 158694

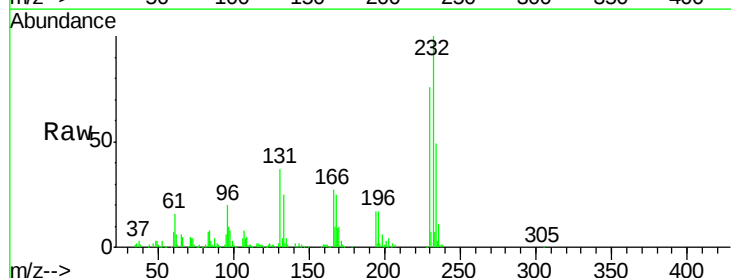
Ion Ratio Lower Upper

232 100

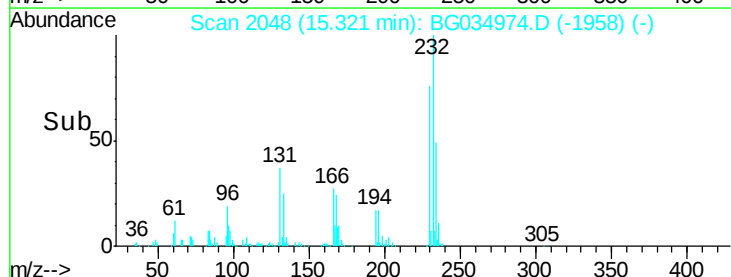
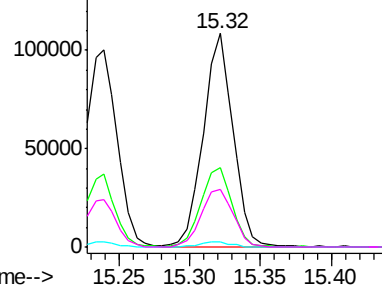
131 38.8 33.5 50.3

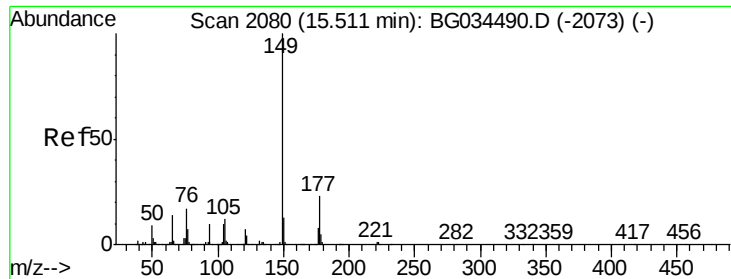
130 2.6 2.2 3.2

166 29.6 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

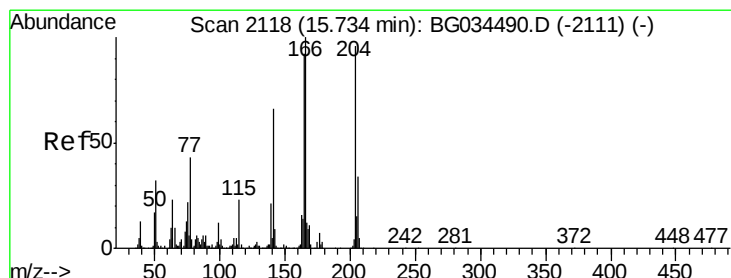
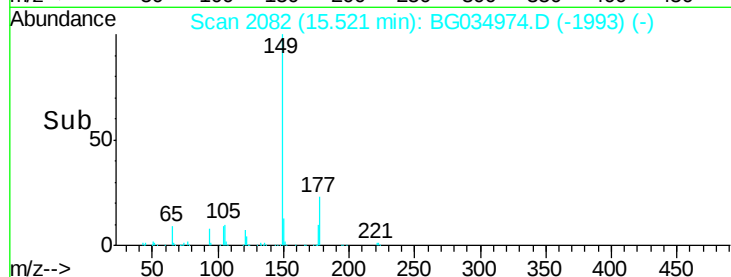
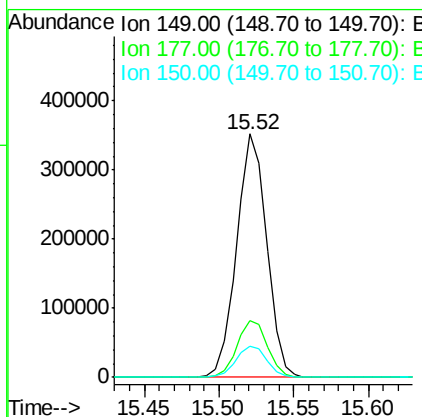
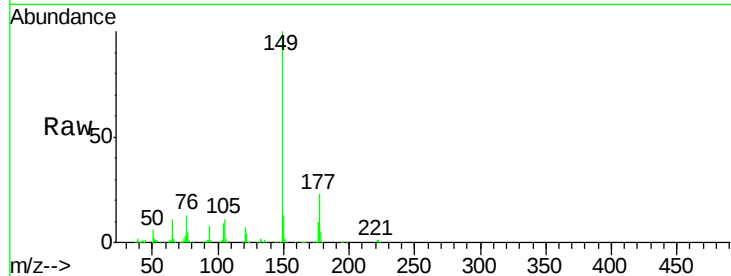




#59
Diethylphthalate
Concen: 45.37 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

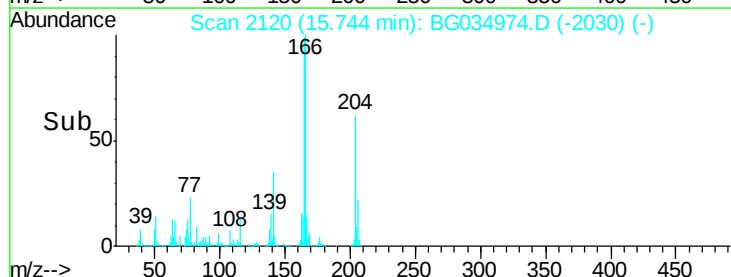
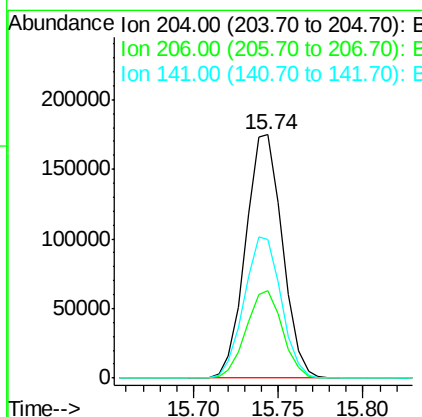
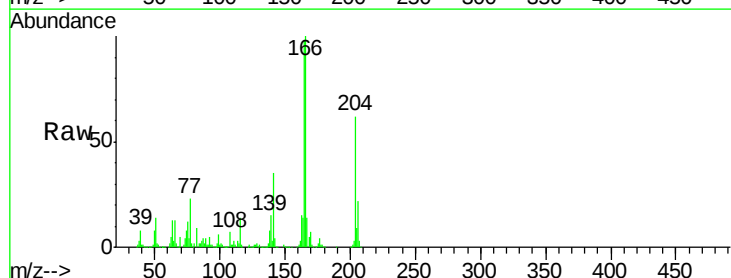
Instrument :
BNA_G
ClientSampleId :

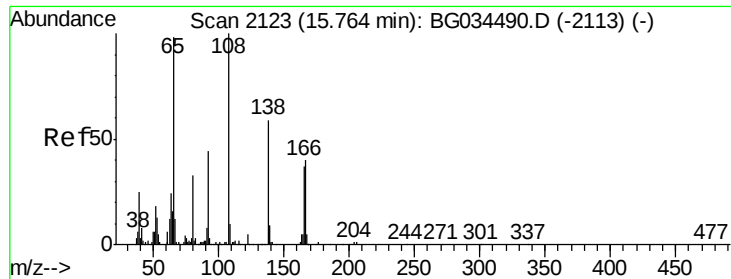
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.5	27.7
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.55 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	26.2	39.2
141	56.8	45.8	68.6

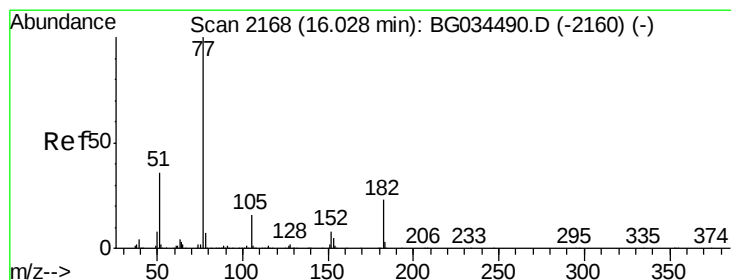
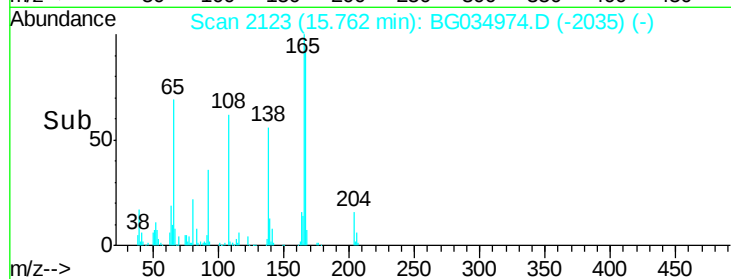
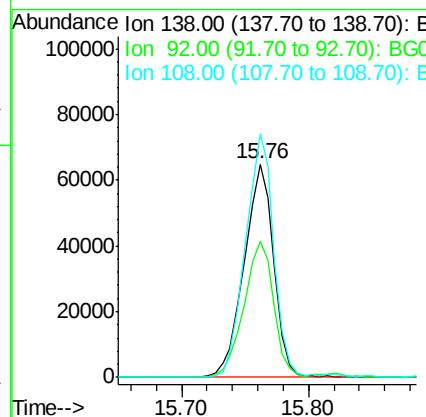
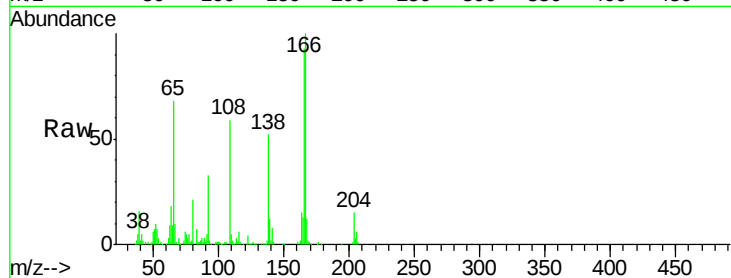




#61
4-Nitroaniline
Concen: 51.45 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

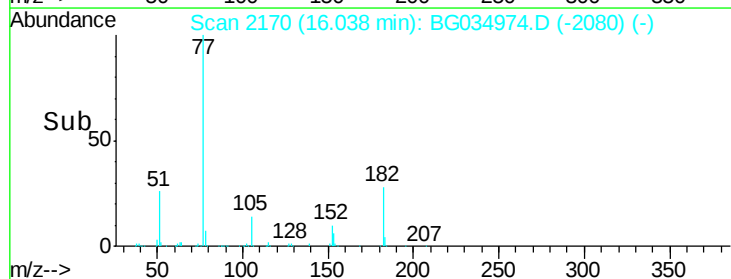
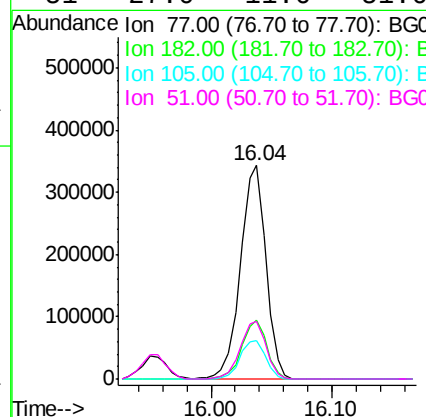
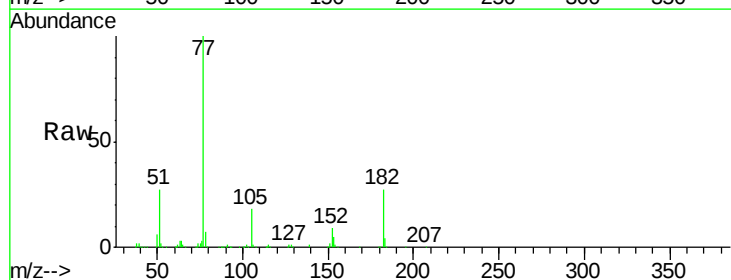
Instrument :
BNA_G
ClientSampleId :

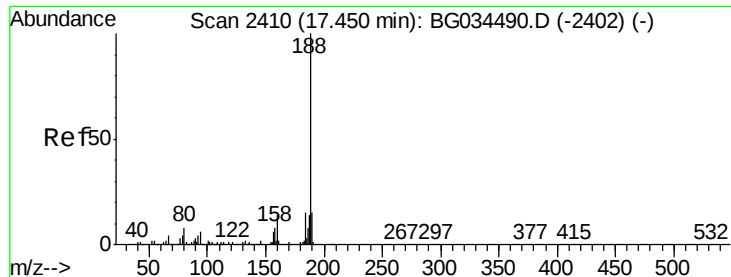
Tot Ion:138 Resp: 104935
Ion Ratio Lower Upper
138 100
92 63.8 40.1 80.1
108 114.3 65.4 105.4#



#62
Azobenzene
Concen: 47.53 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion: 77 Resp: 504857
Ion Ratio Lower Upper
77 100
182 27.4 7.4 47.4
105 18.0 0.3 40.3
51 27.0 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

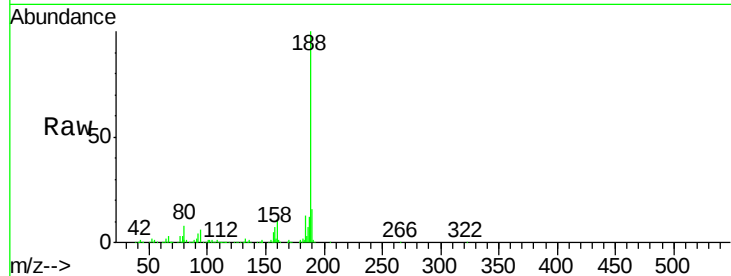
Tot Ion:188 Resp: 315884

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

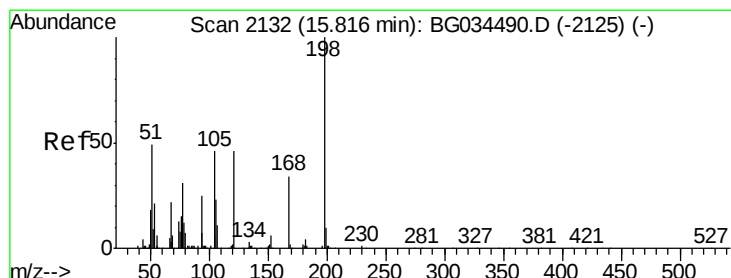
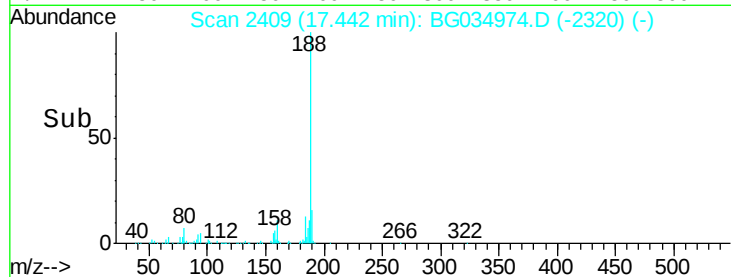
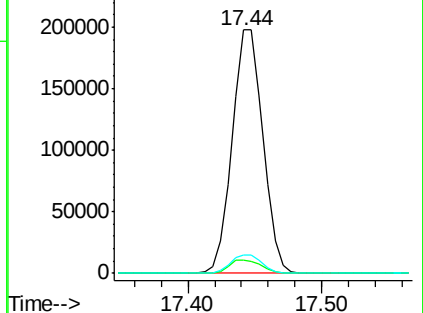
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 52.29 ng

RT: 15.81 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

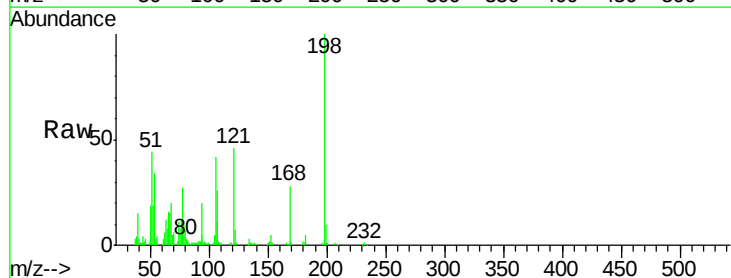
Tgt Ion:198 Resp: 75415

Ion Ratio Lower Upper

198 100

51 44.2 30.6 70.6

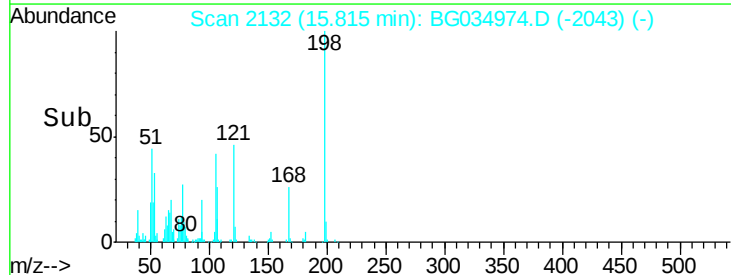
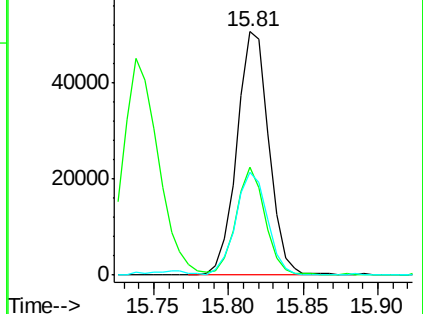
105 42.1 23.8 63.8

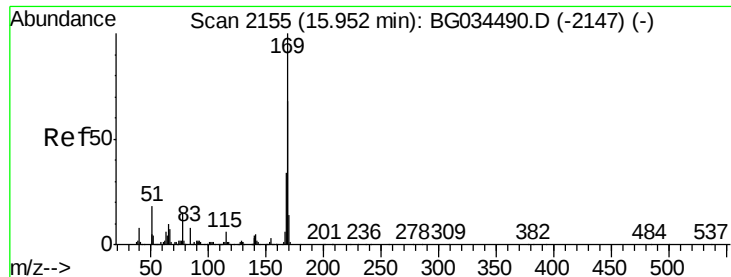


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

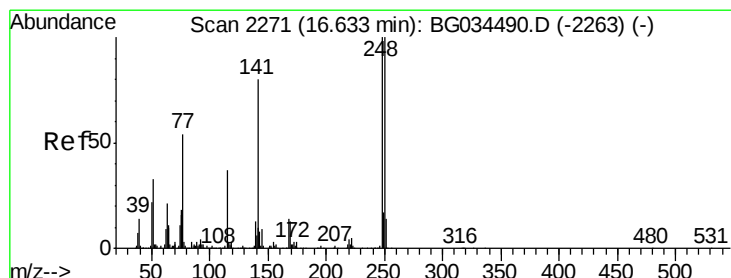
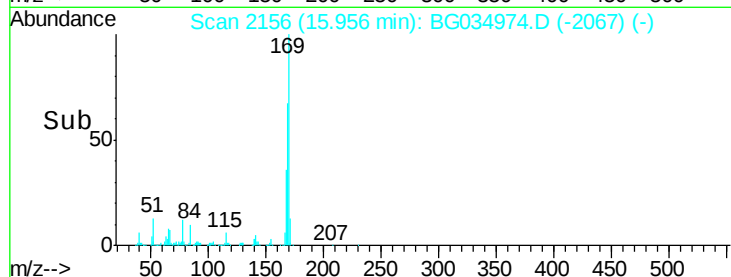
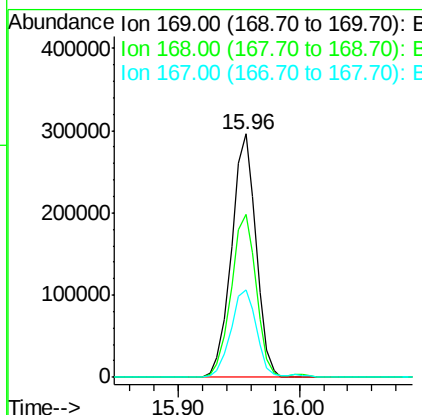
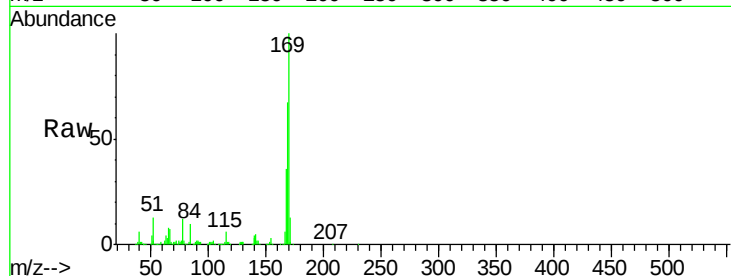




#65
 n-Nitrosodiphenylamine
 Concen: 44.03 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

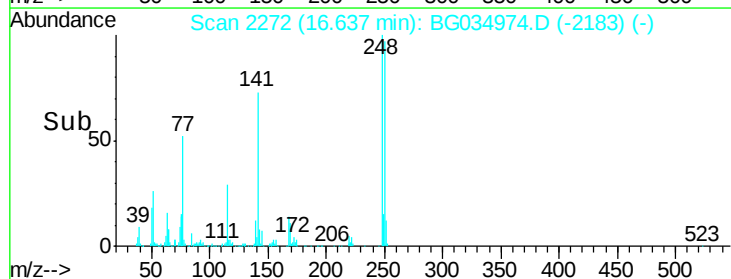
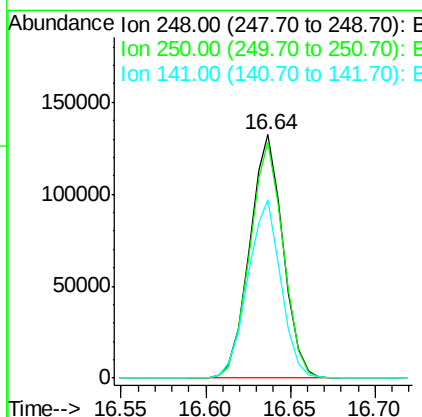
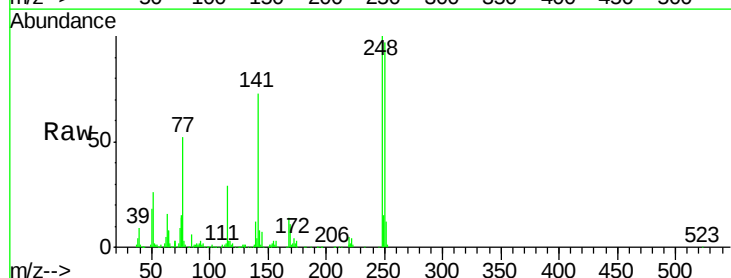
Instrument :
 BNA_G
 ClientSampleId :

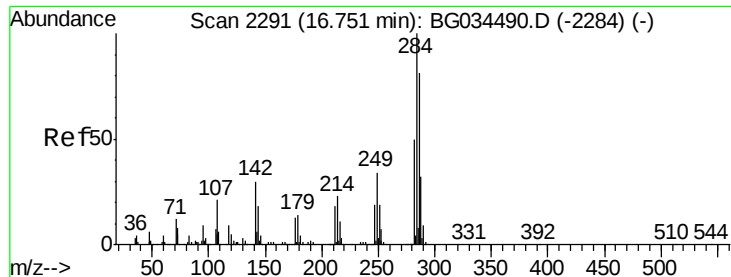
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	55.7	83.5
167	35.8	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.49 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	73.3	50.8	76.2

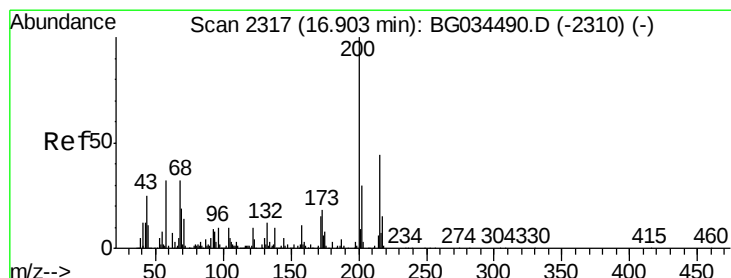
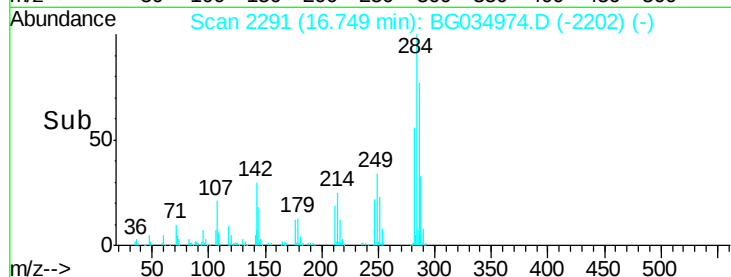
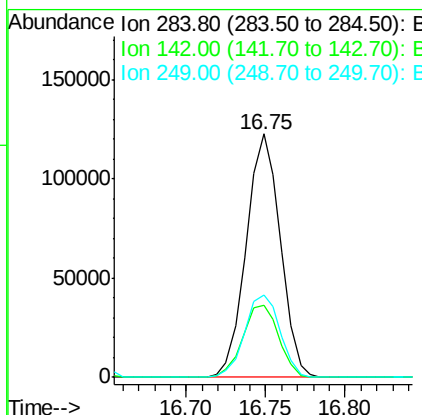
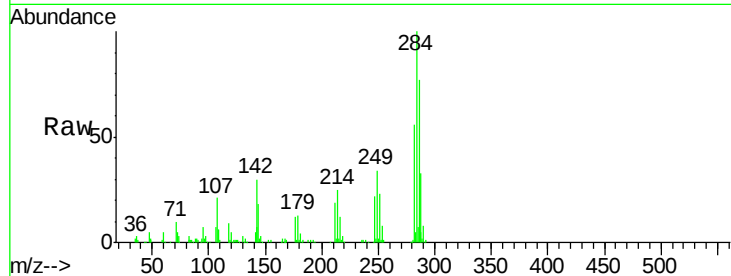




#67
Hexachlorobenzene
Concen: 47.22 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

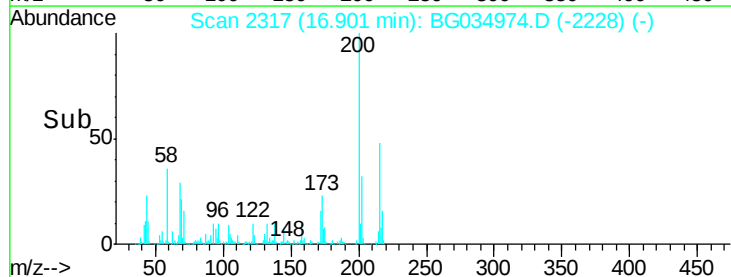
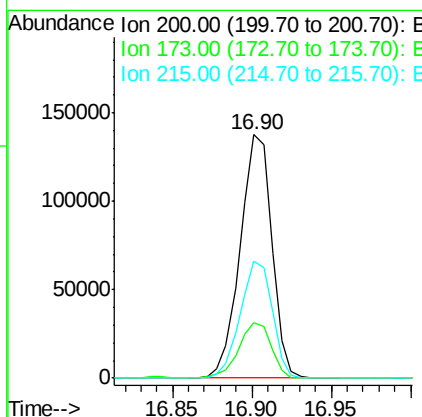
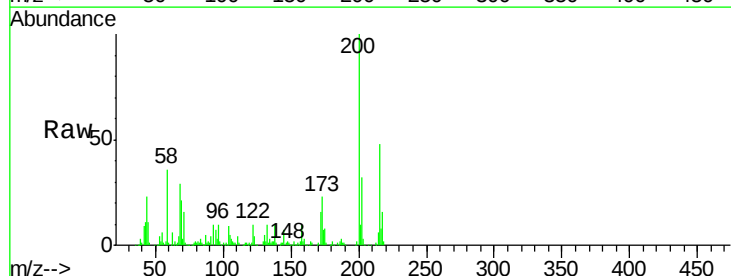
Instrument :
BNA_G
ClientSampleId :

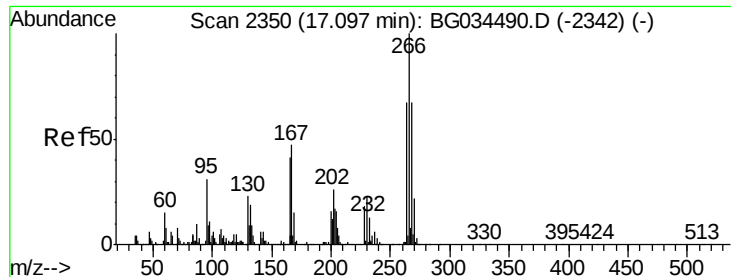
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.8	26.8	40.2
249	34.0	26.3	39.5



#68
Atrazine
Concen: 47.11 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.2	45.2
215	48.0	30.4	70.4

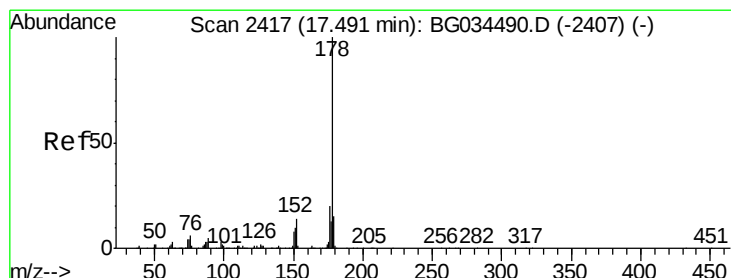
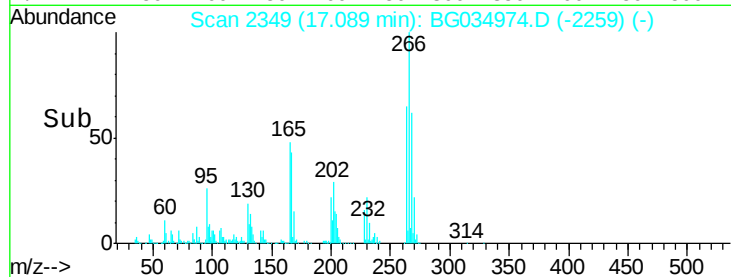
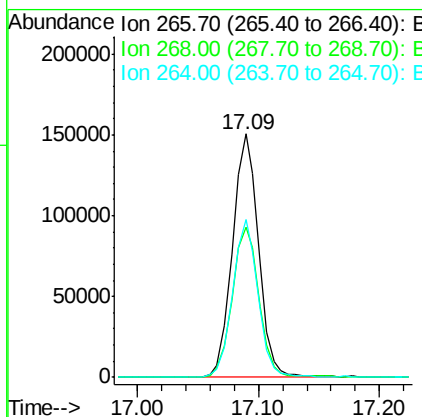
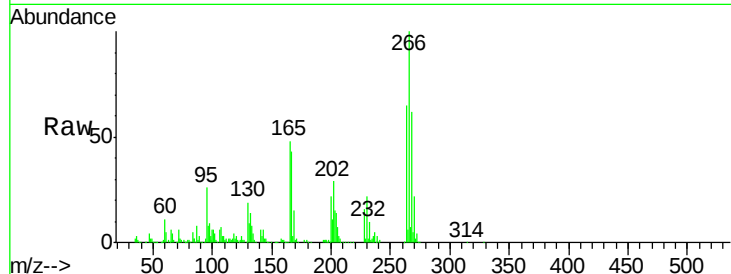




#69
 Pentachlorophenol
 Concen: 86.95 ng
 RT: 17.09 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

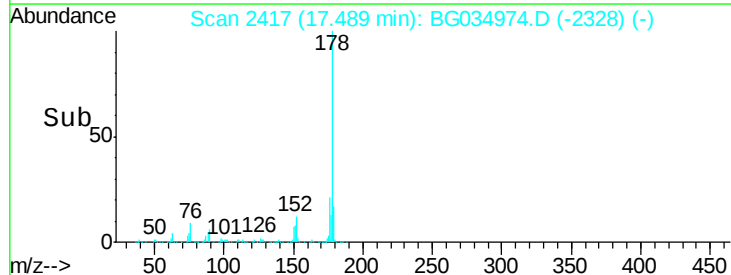
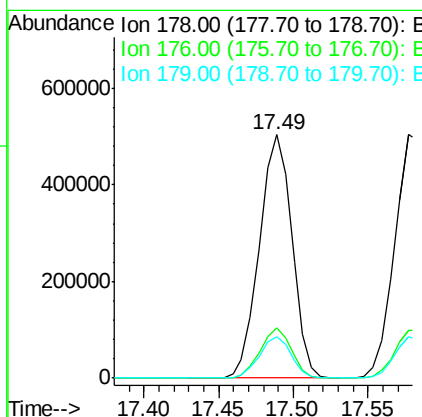
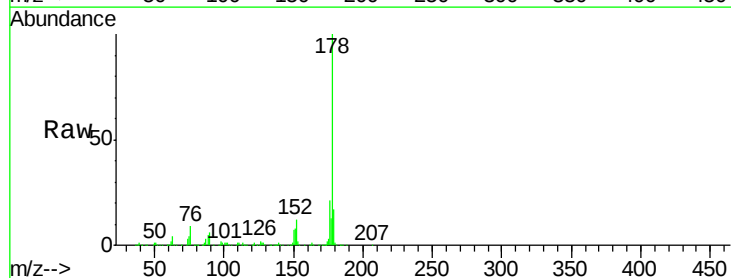
Instrument :
 BNA_G
 ClientSampleId :

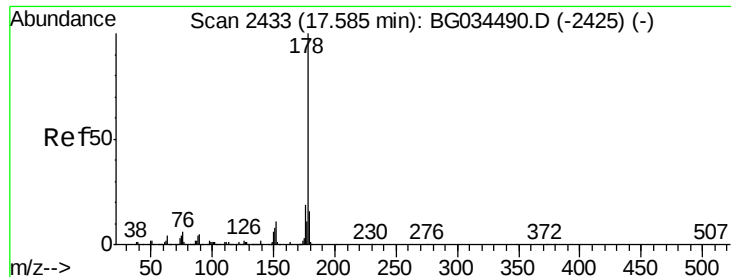
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	64.7	49.6	74.4



#70
 Phenanthrene
 Concen: 47.32 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	16.9	12.5	18.7

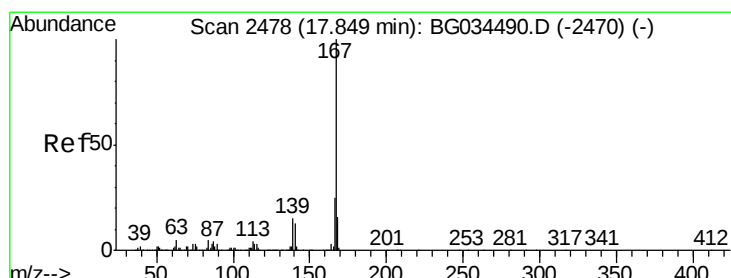
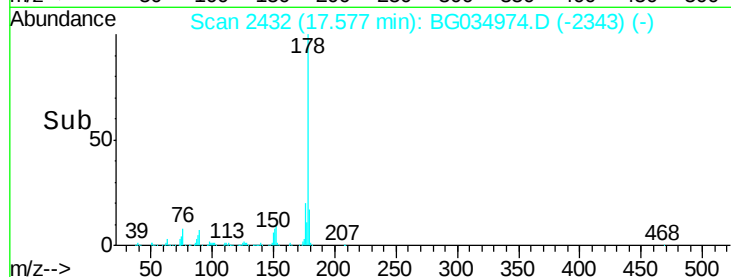
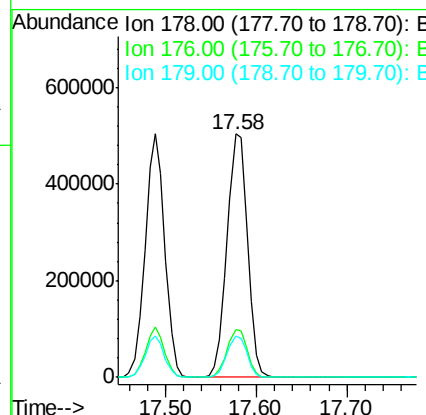
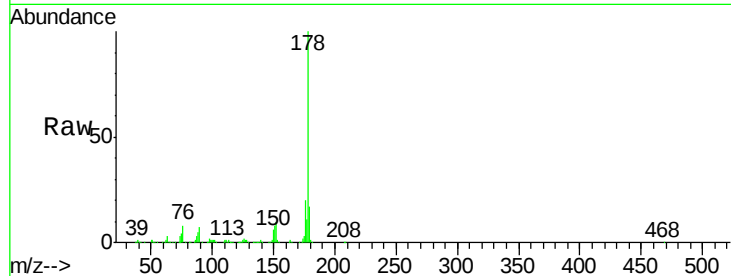




#71
 Anthracene
 Concen: 48.84 ng
 RT: 17.58 min Scan# 2432
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

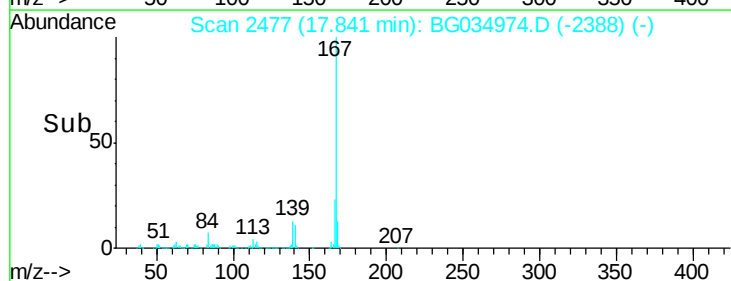
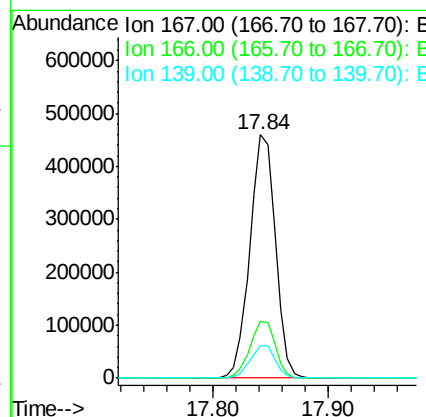
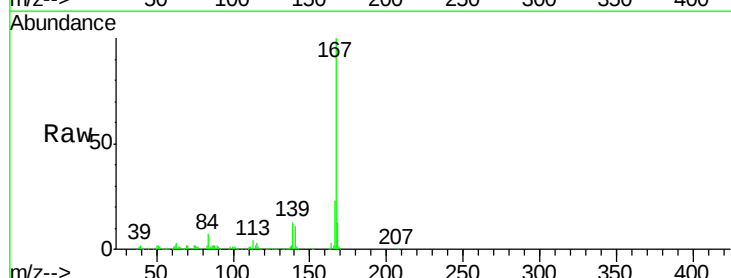
Instrument :
 BNA_G
 ClientSampleId :

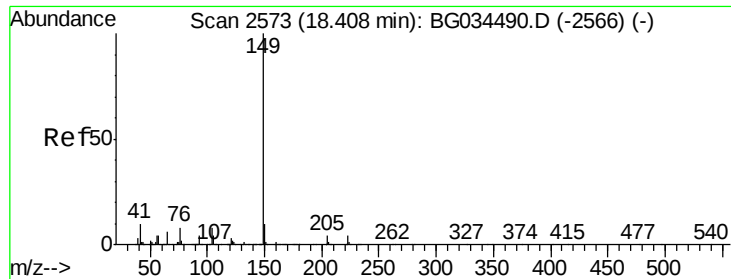
Tot Ion:178 Resp: 785074
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 47.43 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion:167 Resp: 707393
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 13.3 9.4 14.2

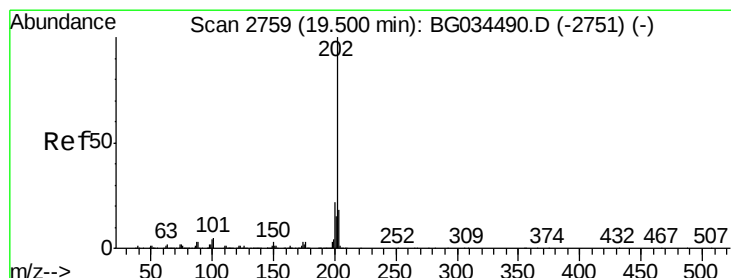
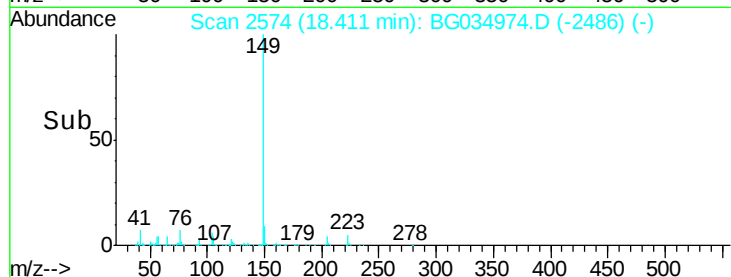
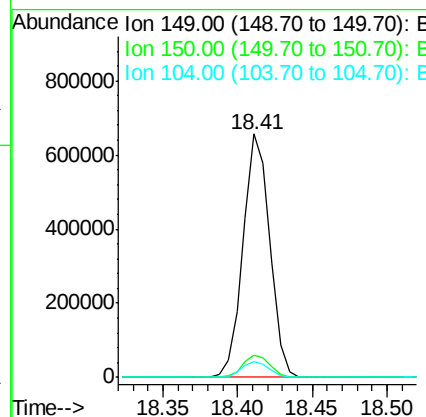
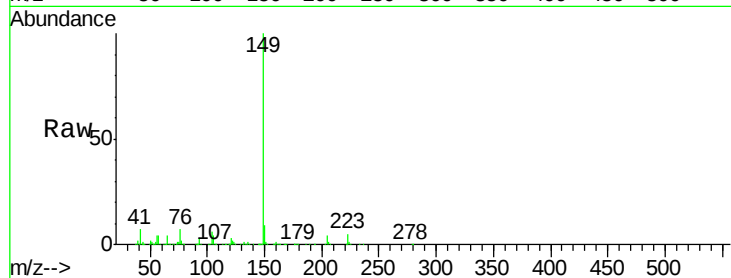




#73
Di-n-butylphthalate
Concen: 45.93 ng
RT: 18.41 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

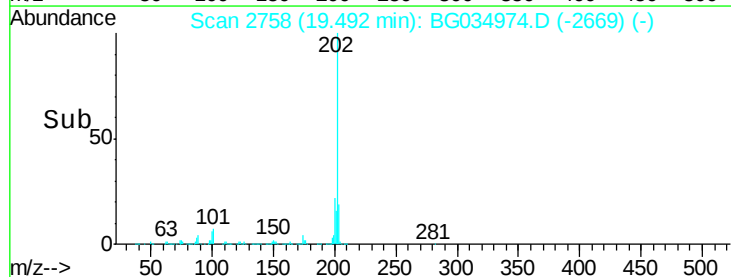
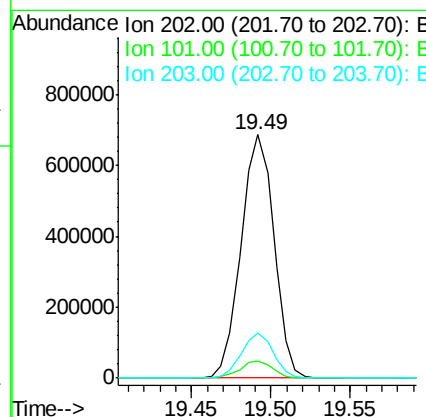
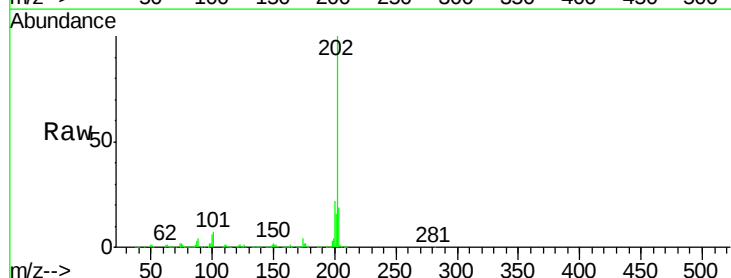
Instrument :
BNA_G
ClientSampleId :

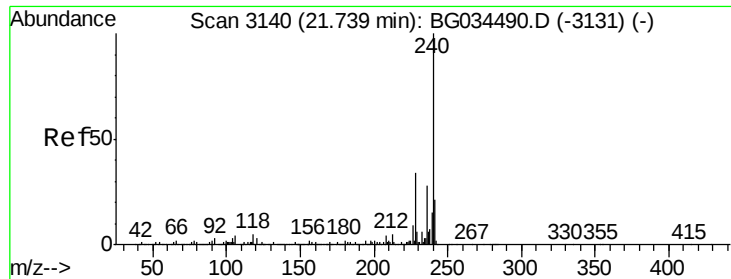
Tot Ion:149 Resp: 816400
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 6.5 3.9 5.9#



#74
Fluoranthene
Concen: 47.36 ng
RT: 19.49 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion:202 Resp: 988975
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034974.D

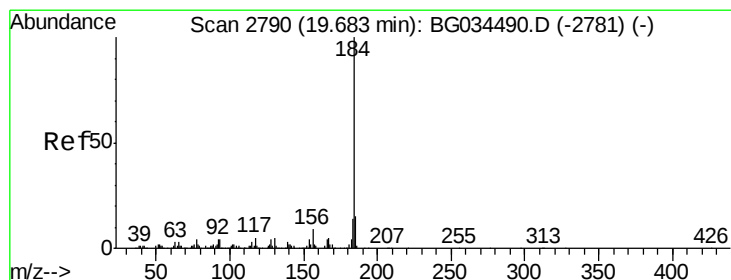
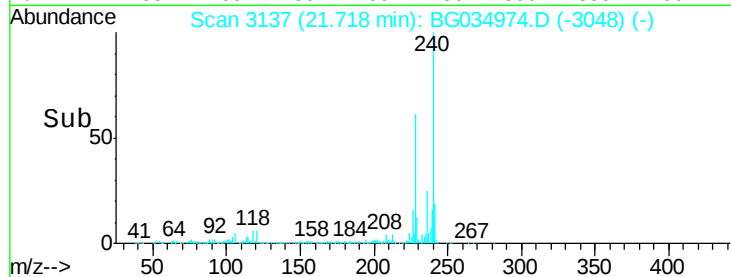
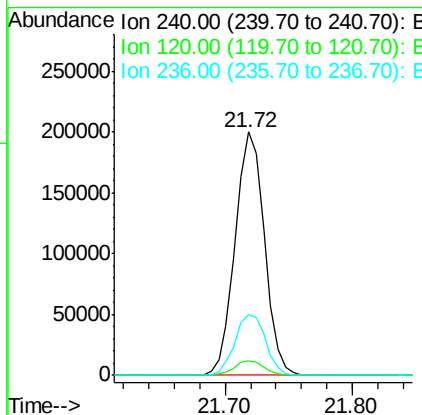
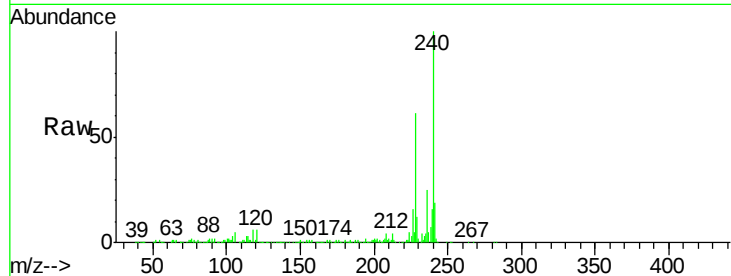
Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 319530
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 24.7 20.9 31.3



#76

Benzidine

Concen: 24.16 ng

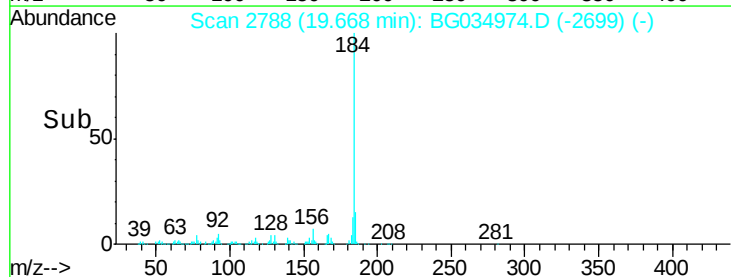
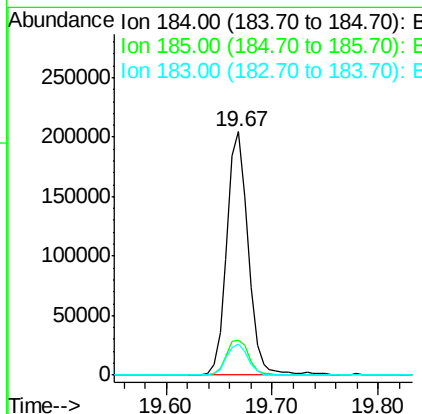
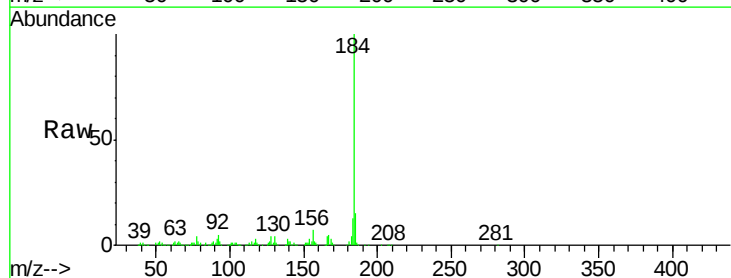
RT: 19.67 min Scan# 2788

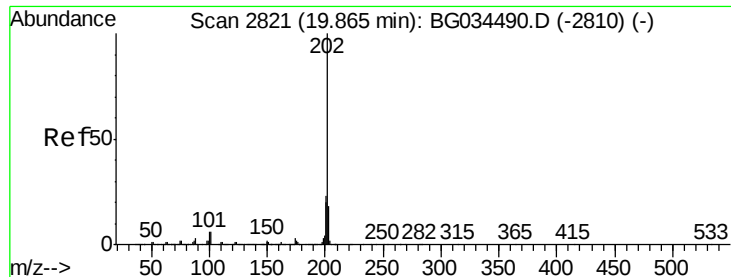
Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Tgt Ion:184 Resp: 287213
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.1 16.7
 183 12.6 10.6 16.0





#77

Pvrene

Concen: 45.96 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

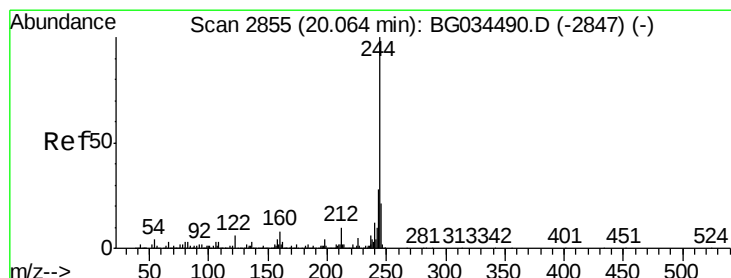
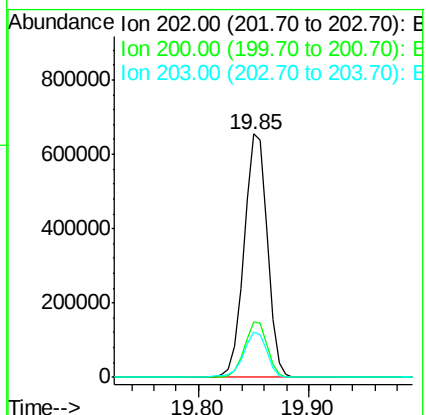
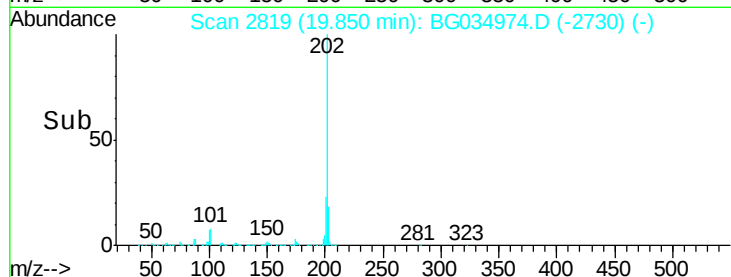
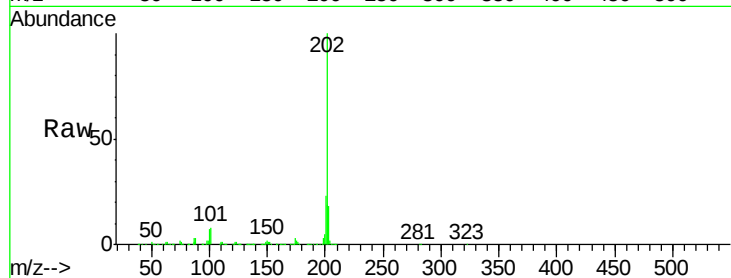
Tot Ion:202 Resp: 968224

Ion Ratio Lower Upper

202 100

200 22.8 16.9 25.3

203 18.3 13.9 20.9



#78

Terphenyl-d14

Concen: 94.72 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

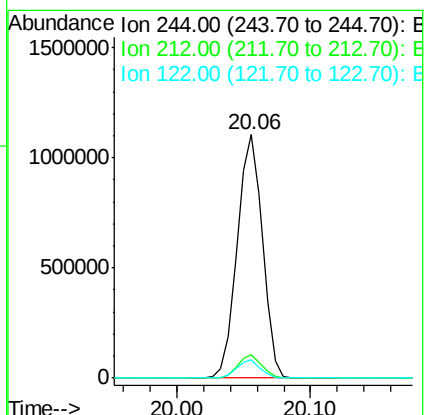
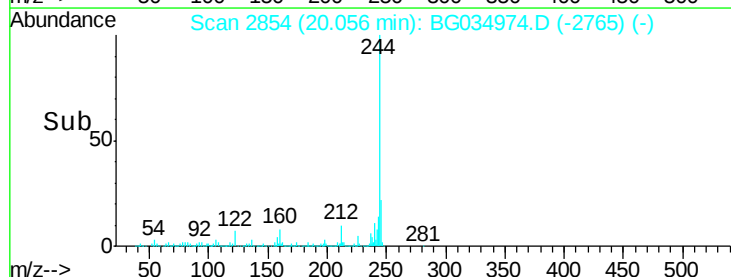
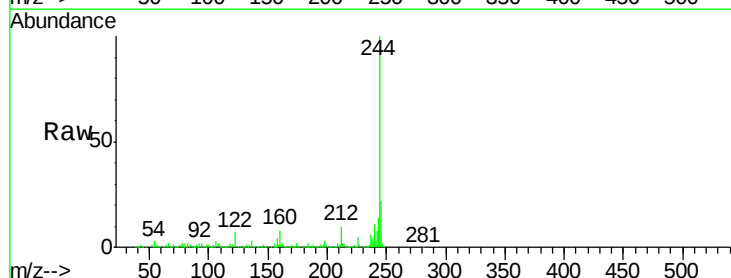
Tgt Ion:244 Resp: 1444840

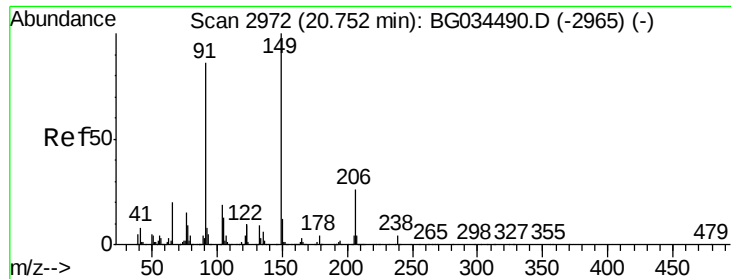
Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

122 7.5 7.0 10.4

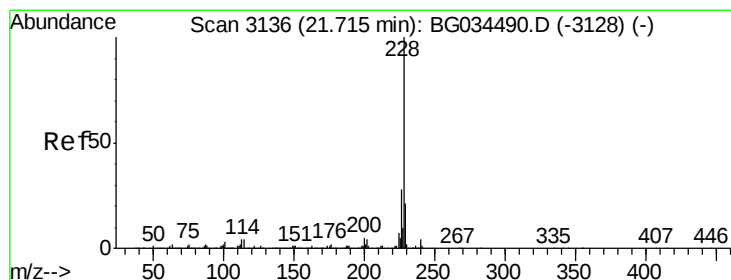
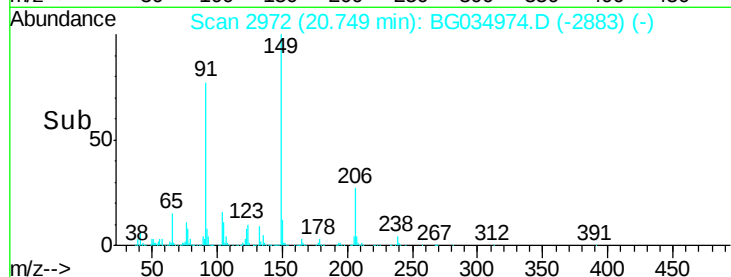
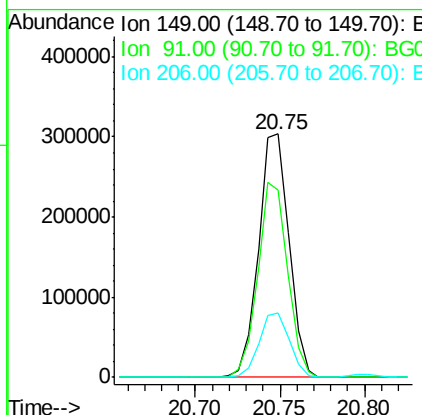
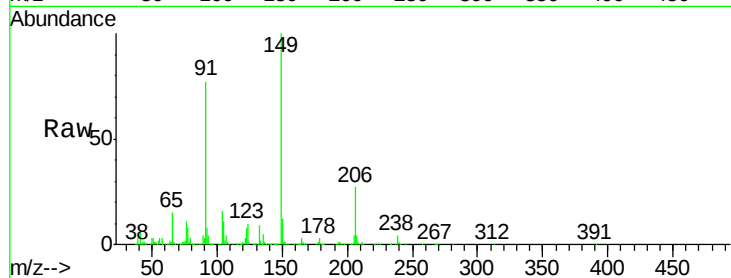




#79
Butylbenzylphthalate
Concen: 49.49 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

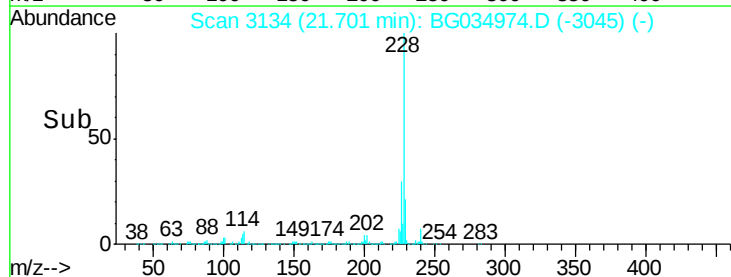
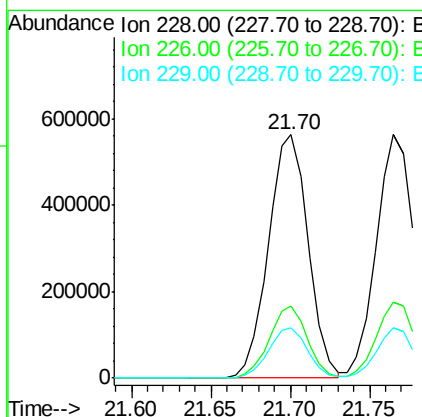
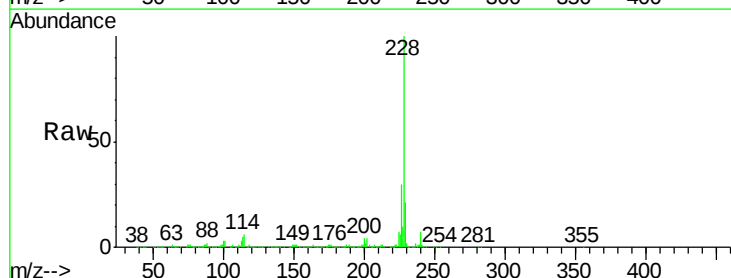
Instrument :
BNA_G
ClientSampleId :

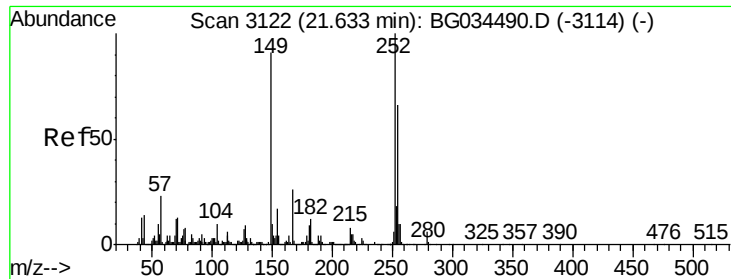
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	62.2	93.2
206	26.7	18.6	27.8



#80
Benzo(a)anthracene
Concen: 48.00 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG034974.D
Acq: 8 Jun 2018 5:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	20.6	16.2	24.2

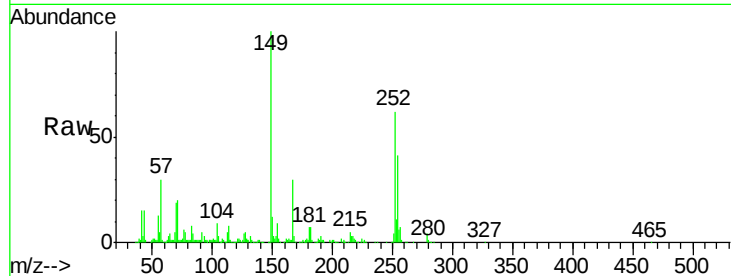




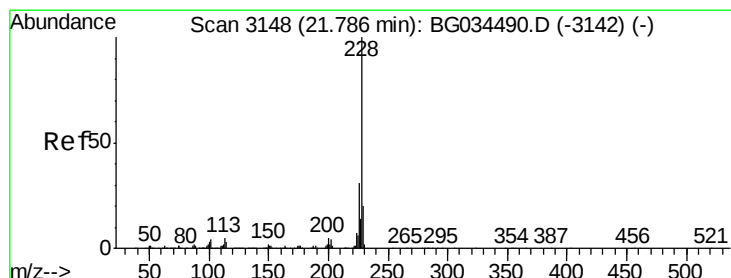
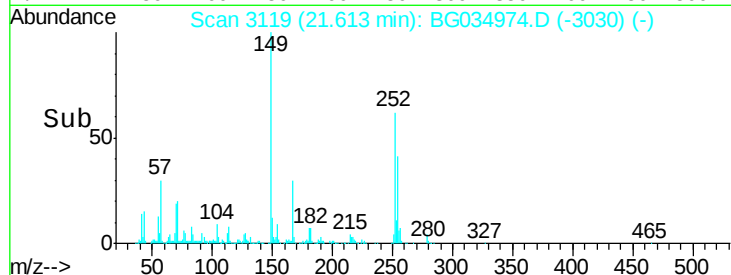
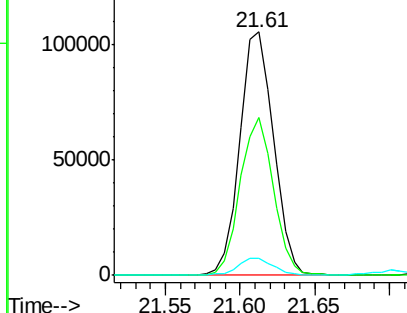
#81
 3,3'-Dichlorobenzidine
 Concen: 21.58 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 165771
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 7.1 7.4 11.2#

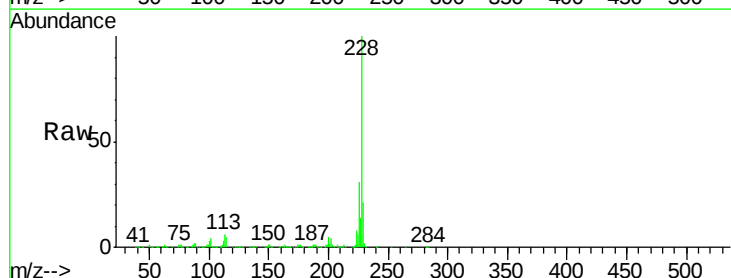


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

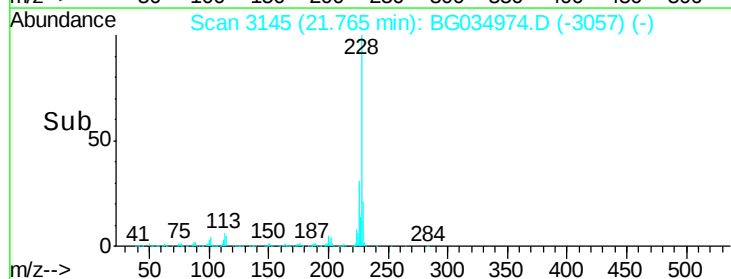
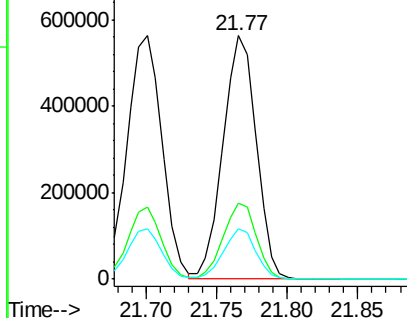


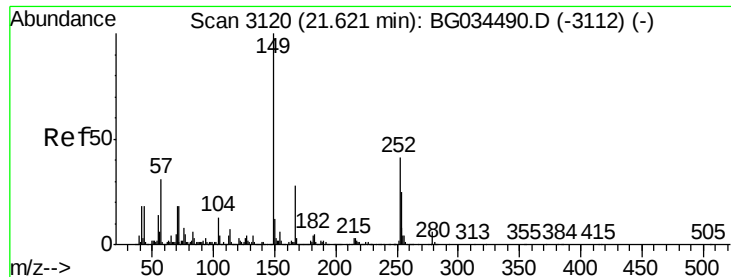
#82
 Chrysene
 Concen: 49.48 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion:228 Resp: 924960
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.8 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.05 ng

RT: 21.62 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

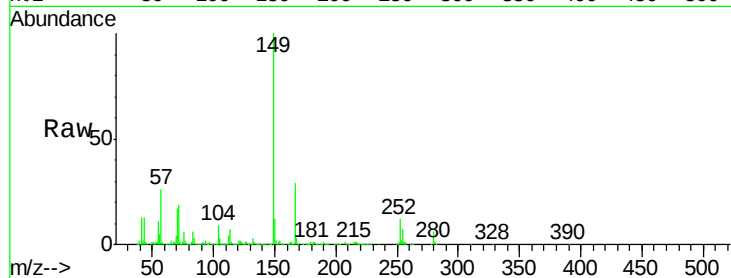
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 530142

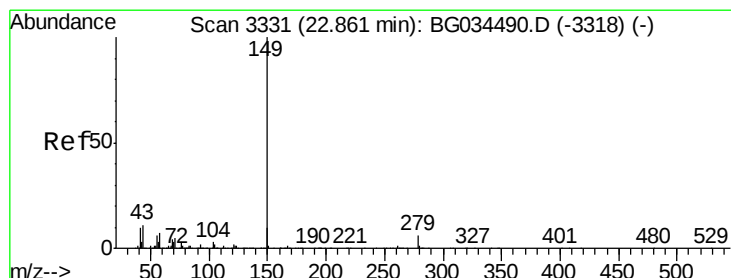
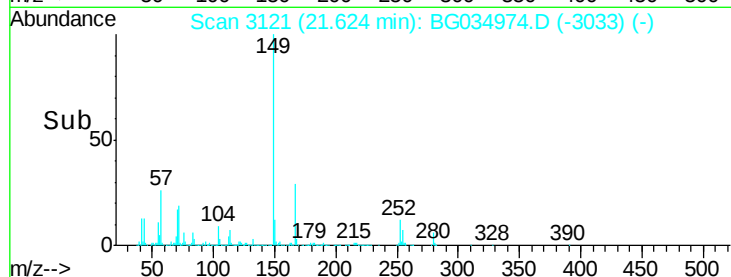
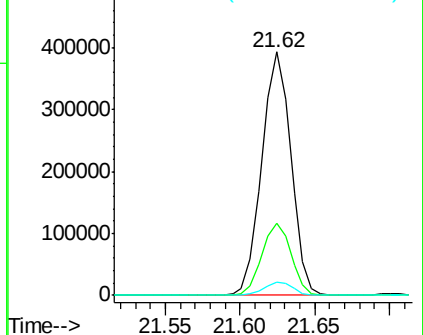
Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	5.6	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.79 ng

RT: 22.86 min Scan# 3331

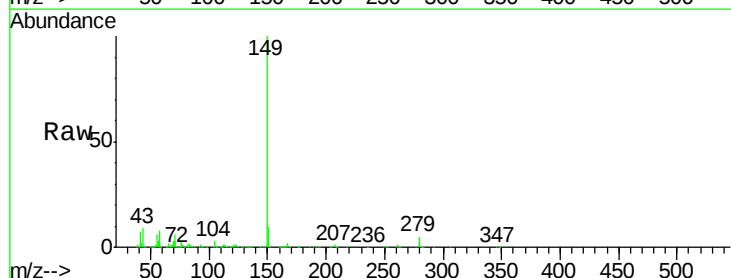
Delta R.T. -0.02 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Tgt Ion:149 Resp: 904603

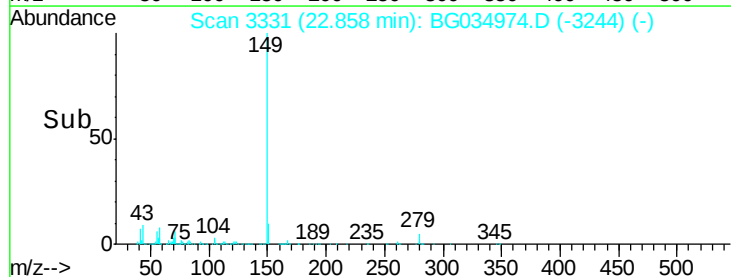
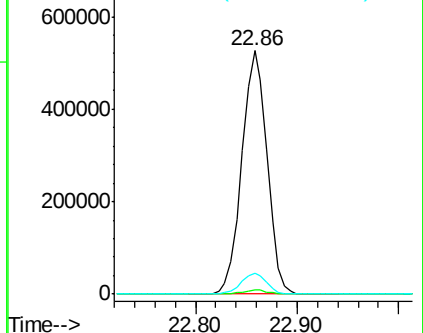
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.8	8.9	13.3#

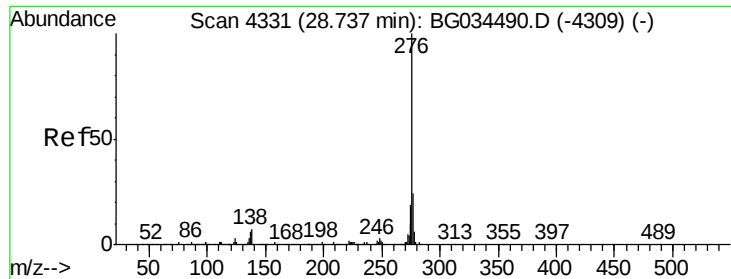


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

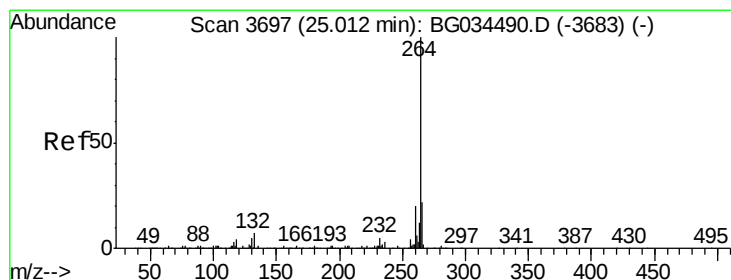
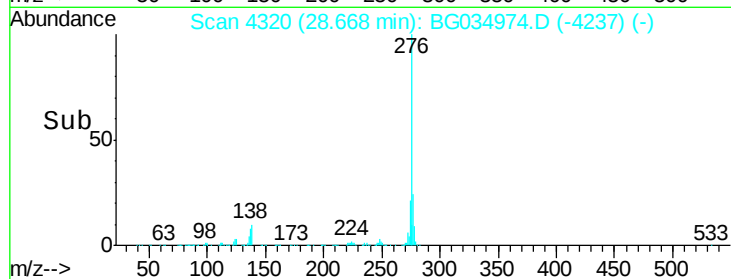
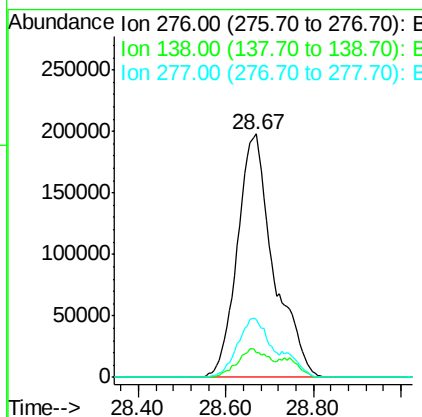
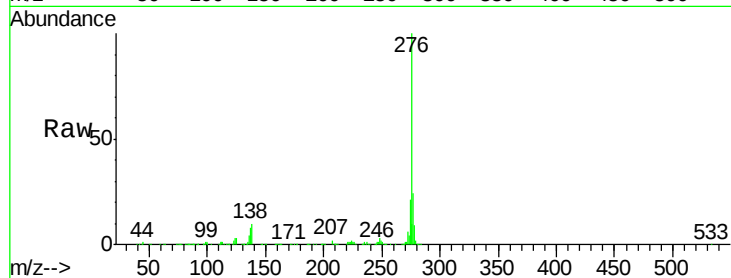




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.58 ng
 RT: 28.67 min Scan# 4320
 Delta R.T. -0.04 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

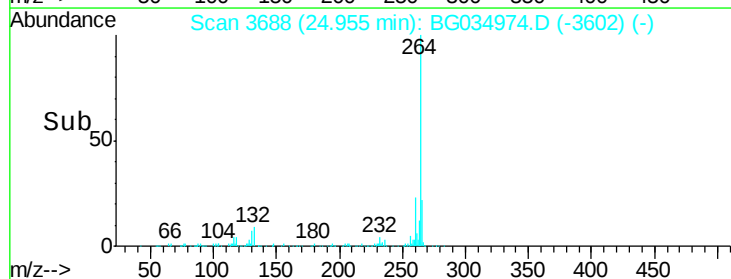
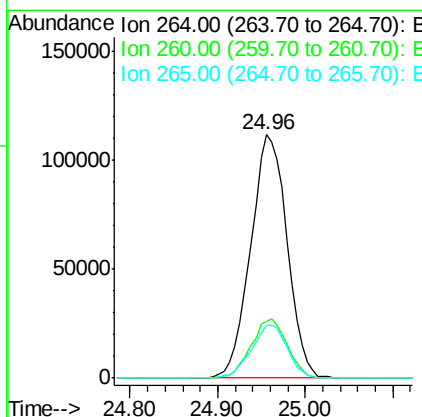
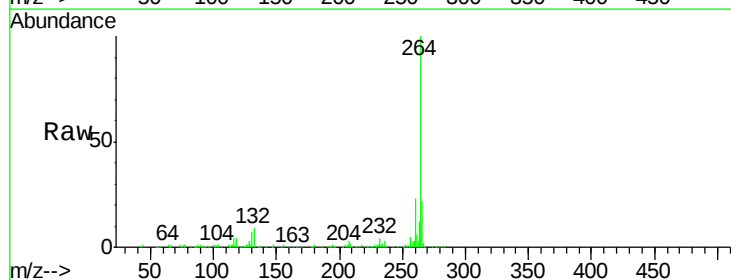
Instrument :
 BNA_G
 ClientSampleId :

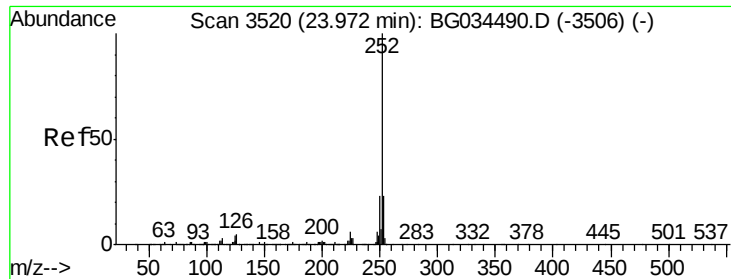
Tot Ion:276 Resp: 1107428
 Ion Ratio Lower Upper
 276 100
 138 9.8 16.0 24.0#
 277 21.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.96 min Scan# 3688
 Delta R.T. -0.03 min
 Lab File: BG034974.D
 Acq: 8 Jun 2018 5:52

Tgt Ion:264 Resp: 318044
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 21.9 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 49.40 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

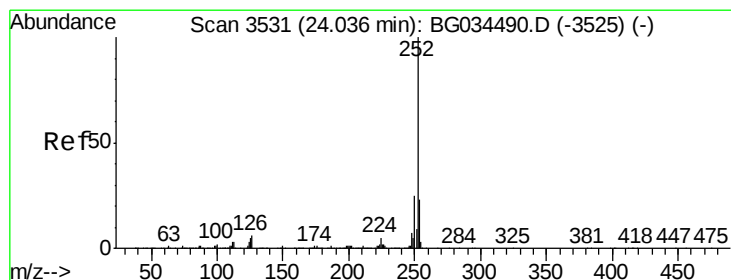
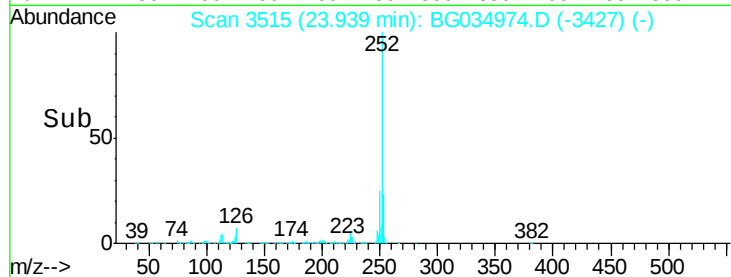
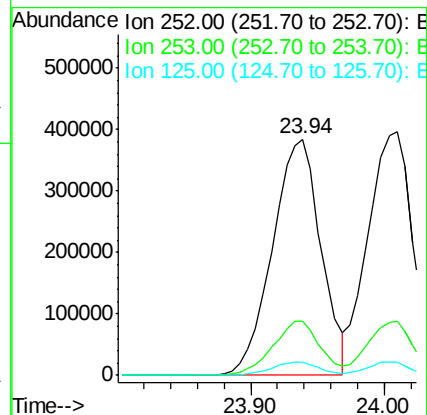
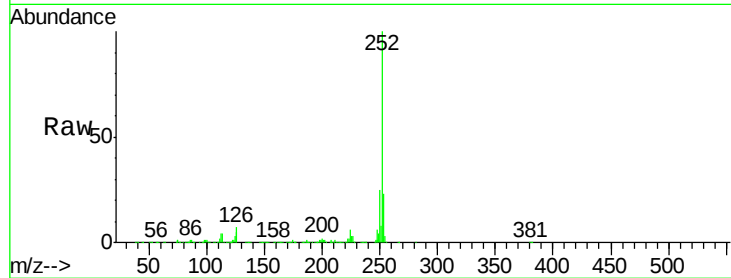
Tot Ion:252 Resp: 967628

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 5.4 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 48.52 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

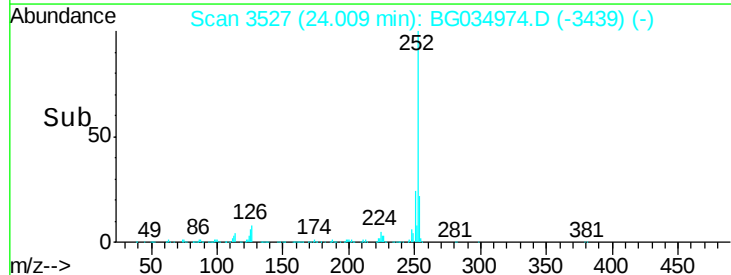
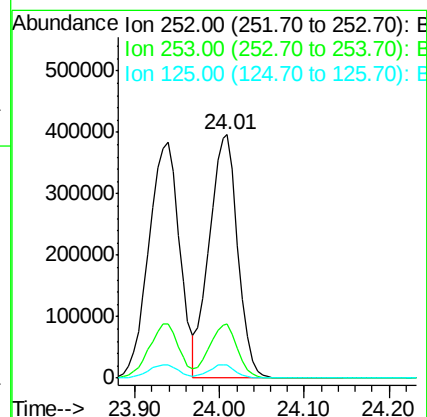
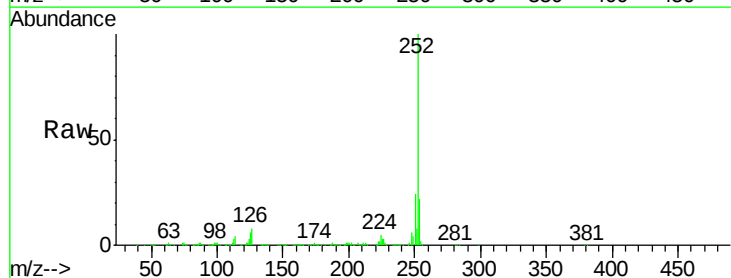
Tgt Ion:252 Resp: 929645

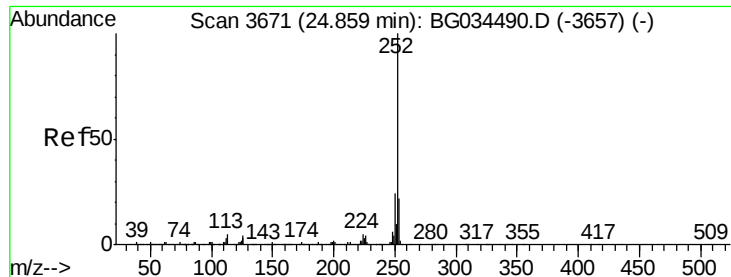
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 5.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.74 ng

RT: 24.81 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG034974.D

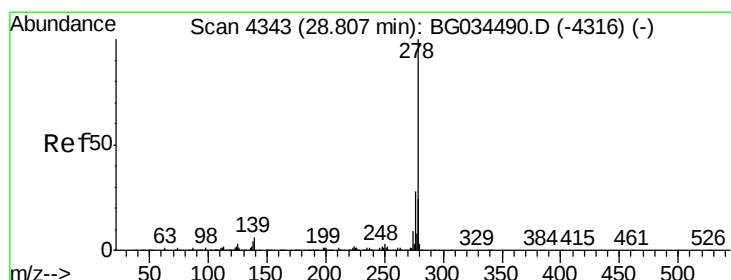
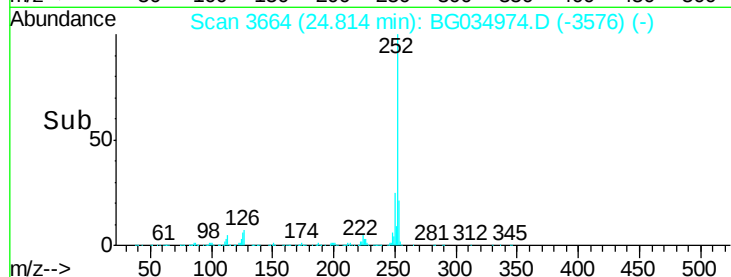
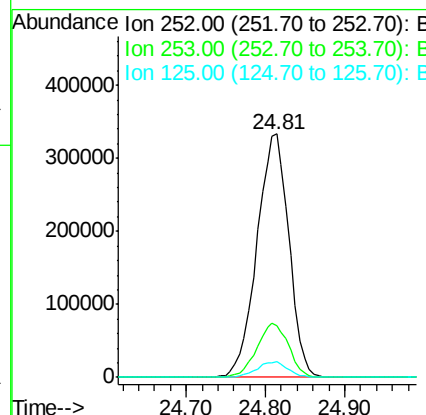
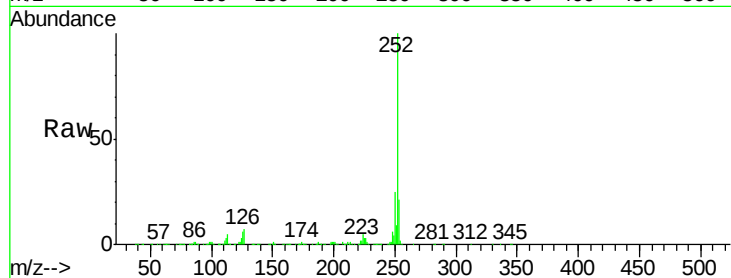
Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	935143
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.3	27.5
125	6.3	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 49.36 ng

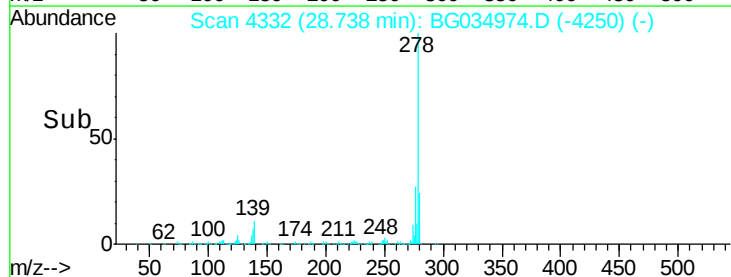
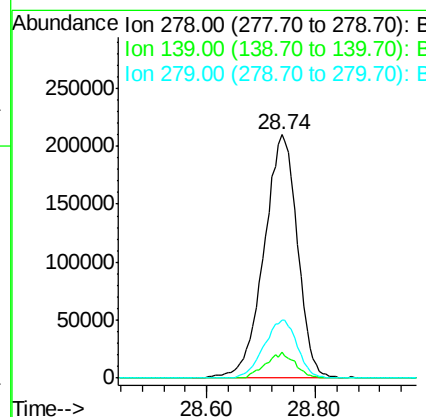
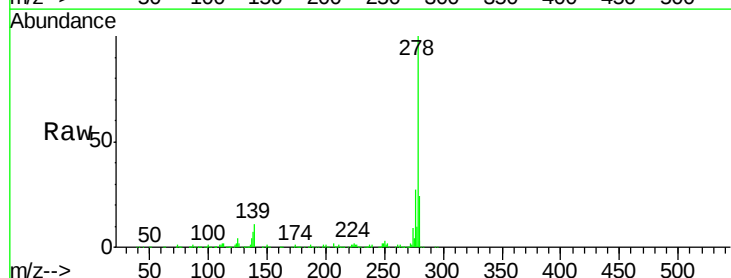
RT: 28.74 min Scan# 4332

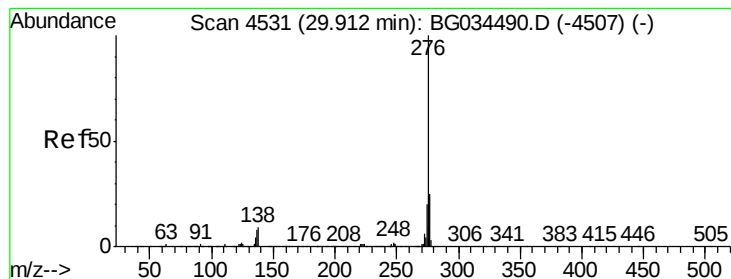
Delta R.T. -0.05 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Tgt Ion:	278	Resp:	898052
Ion Ratio	Lower	Upper	
278	100		
139	10.6	9.8	14.6
279	23.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 51.32 ng

RT: 29.82 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG034974.D

Acq: 8 Jun 2018 5:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 276 Resp: 913660

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.8 13.9 20.9#

