

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034138.D
 Acq On : 3 May 2018 6:20
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 08:13:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	83739	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	350786	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	272439	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	727855	20.00	ng	0.00
75) Chrysene-d12	21.76	240	761113	20.00	ng	0.00
86) Perylene-d12	25.05	264	796635	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	408188	78.75	ng	0.00
7) Phenol-d6	7.22	99	616110	76.35	ng	0.00
23) Nitrobenzene-d5	9.24	82	694841	76.00	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	291002	77.14	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1351570	72.29	ng	-0.01
78) Terphenyl-d14	20.08	244	2432791	70.02	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	91146	41.88	ng	# 81
3) Pyridine	3.95	79	277373	40.62	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	146080	39.23	ng	# 72
6) Aniline	7.39	93	427320	38.94	ng	95
8) 2-Chlorophenol	7.63	128	197043	38.10	ng	90
9) Benzaldehyde	7.20	77	175953	39.39	ng	93
10) Phenol	7.24	94	312914	38.45	ng	78
11) bis(2-Chloroethyl)ether	7.49	93	238711	37.26	ng	89
12) 1,3-Dichlorobenzene	7.96	146	250091	38.22	ng	# 92
13) 1,4-Dichlorobenzene	8.11	146	249556	38.40	ng	99
14) 1,2-Dichlorobenzene	8.11	146	249556	40.43	ng	94
15) Benzyl Alcohol	8.30	79	312607	36.32	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.60	45	321789	36.50	ng	85
17) 2-Methylphenol	8.50	107	212274	39.64	ng	# 81
18) Hexachloroethane	9.16	117	104145	37.67	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	257097	35.48	ng	# 93
20) 3+4-Methylphenols	8.84	107	294649	37.15	ng	# 80
22) Acetophenone	8.89	105	431730	36.13	ng	# 97
24) Nitrobenzene	9.28	77	372114	37.18	ng	# 86
25) Isophorone	9.80	82	641820	34.41	ng	95
26) 2-Nitrophenol	9.99	139	112278	40.53	ng	# 60
27) 2,4-Dimethylphenol	10.04	122	191351	35.63	ng	88
28) bis(2-Chloroethoxy)methane	10.29	93	326986	35.69	ng	99
29) 2,4-Dichlorophenol	10.53	162	236790	36.88	ng	93
30) 1,2,4-Trichlorobenzene	10.75	180	293609	37.98	ng	99
31) Naphthalene	10.94	128	677567	36.75	ng	98
32) Benzoic acid	10.18	122	181224	39.28	ng	# 77
33) 4-Chloroaniline	11.04	127	304803	36.66	ng	# 83
34) Hexachlorobutadiene	11.23	225	251488	38.44	ng	97
35) Caprolactam	11.82	113	86691	38.02	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	301607	36.23	ng	88
37) 2-Methylnaphthalene	12.54	142	538638	36.03	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	394924	37.46	ng	99
40) Hexachlorocyclopentadiene	12.89	237	253667	40.61	ng	90

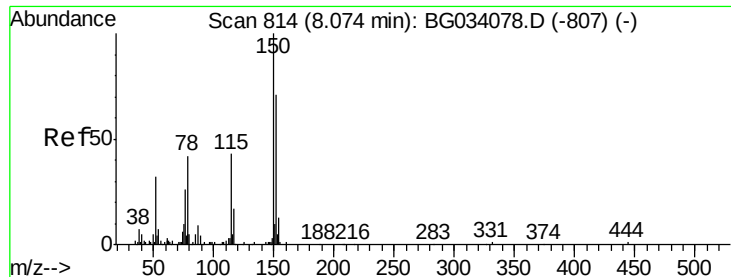
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034138.D
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Quant Time: May 03 08:13:33 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	239881	39.16	nq	92
43) 2,4,5-Trichlorophenol	13.21	196	282767	41.76	nq	95
45) 1,1'-Biphenyl	13.55	154	774088	36.37	nq	99
46) 2-Chloronaphthalene	13.59	162	593225	36.82	nq	98
47) 2-Nitroaniline	13.79	65	257838	40.02	nq	# 86
48) Acenaphthylene	14.44	152	934430	36.32	nq	99
49) Dimethylphthalate	14.17	163	843653	35.71	nq	99
50) 2,6-Dinitrotoluene	14.28	165	185100	40.80	nq	# 84
51) Acenaphthene	14.78	154	659723	37.73	nq	95
52) 3-Nitroaniline	14.61	138	176214	38.53	nq	# 84
53) 2,4-Dinitrophenol	14.81	184	84469	47.59	nq	# 78
54) Dibenzofuran	15.11	168	916589	36.16	nq	91
55) 4-Nitrophenol	14.91	139	137685	39.44	nq	# 46
56) 2,4-Dinitrotoluene	15.07	165	266357	43.23	nq	92
57) Fluorene	15.76	166	784942	35.53	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	260164	37.14	nq	96
59) Diethylphthalate	15.53	149	873801	34.95	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	487389	37.08	nq	98
61) 4-Nitroaniline	15.78	138	185521	38.24	nq	# 43
62) Azobenzene	16.05	77	940818	34.84	nq	96
64) 4,6-Dinitro-2-methylphenol	15.83	198	152826	44.66	nq	92
65) n-Nitrosodiphenylamine	15.97	169	694380	34.99	nq	98
66) 4-Bromophenyl-phenylether	16.66	248	323186	35.76	nq	93
67) Hexachlorobenzene	16.77	284	339474	37.01	nq	96
68) Atrazine	16.92	200	302040	33.48	nq	96
69) Pentachlorophenol	17.11	266	249250	38.98	nq	98
70) Phenanthrene	17.51	178	1312858	35.10	nq	96
71) Anthracene	17.60	178	1311084	34.59	nq	99
72) Carbazole	17.87	167	1205854	34.75	nq	97
73) Di-n-butylphthalate	18.44	149	1434736	34.35	nq	# 95
74) Fluoranthene	19.52	202	1667819	35.29	nq	94
76) Benzidine	19.70	184	874575	44.61	nq	97
77) Pyrene	19.88	202	1687271	35.38	nq	95
79) Butylbenzylphthalate	20.78	149	665186	35.73	nq	90
80) Benzo(a)anthracene	21.74	228	1757838	36.04	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	710869	38.54	nq	# 95
82) Chrysene	21.81	228	1694844	36.30	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	899038	35.09	nq	97
84) Di-n-octyl phthalate	22.91	149	1459936	35.68	nq	99
85) Indeno(1,2,3-cd)pyrene	28.81	276	1938303	37.73	nq	# 86
87) Benzo(b)fluoranthene	24.00	252	1804003	35.85	nq	# 95
88) Benzo(k)fluoranthene	24.08	252	1681491	34.96	nq	# 96
89) Benzo(a)pyrene	24.89	252	1672884	35.53	nq	# 96
90) Dibenzo(a,h)anthracene	28.88	278	1578090	35.56	nq	# 96
91) Benzo(g,h,i)perylene	29.98	276	1565737	35.79	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

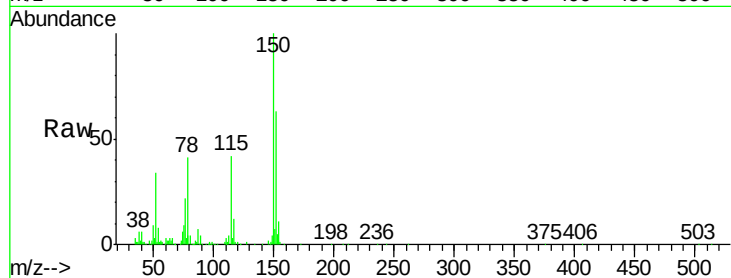
Tot Ion:152 Resp: 83739

Ion Ratio Lower Upper

152 100

150 159.7 126.6 189.8

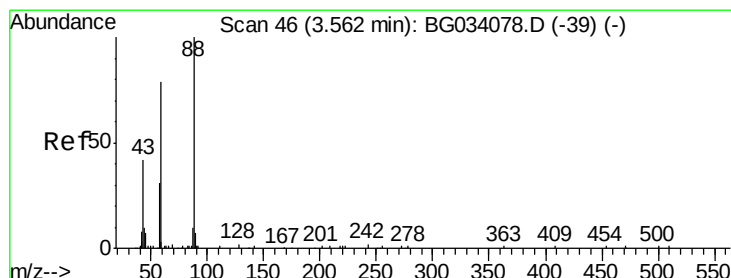
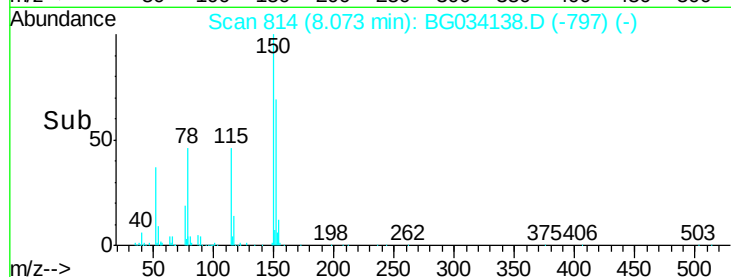
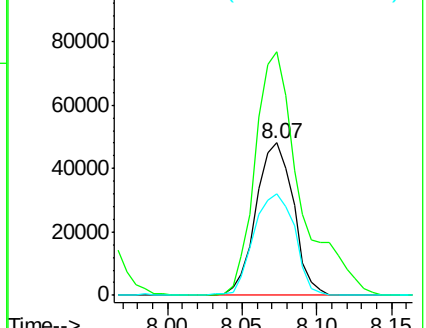
115 66.7 53.0 79.4



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: 41.88 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

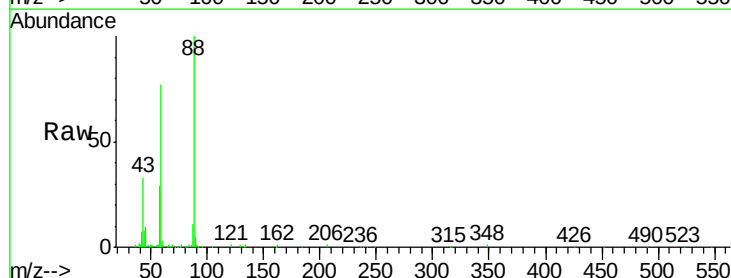
Tgt Ion: 88 Resp: 91146

Ion Ratio Lower Upper

88 100

58 75.2 79.6 119.4#

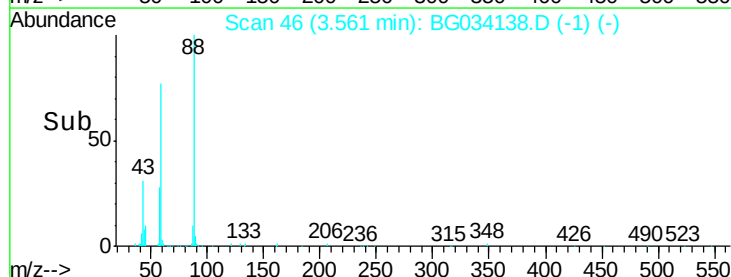
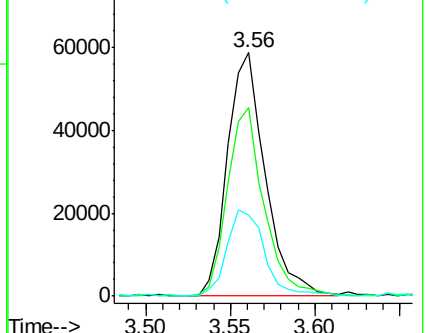
43 35.7 27.4 41.0

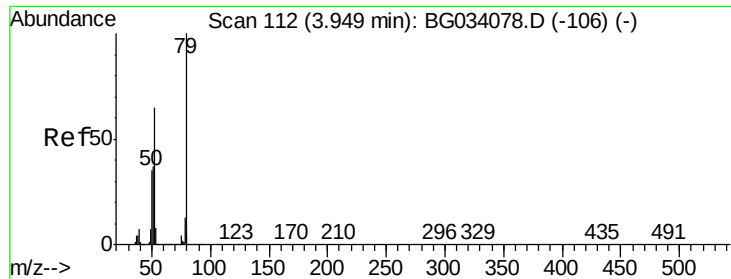


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.62 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

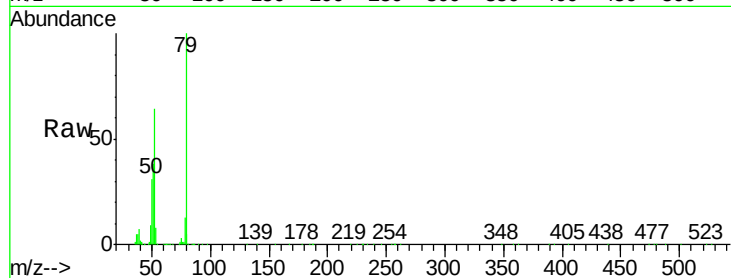
Tot Ion: 79 Resp: 277373

Ion Ratio Lower Upper

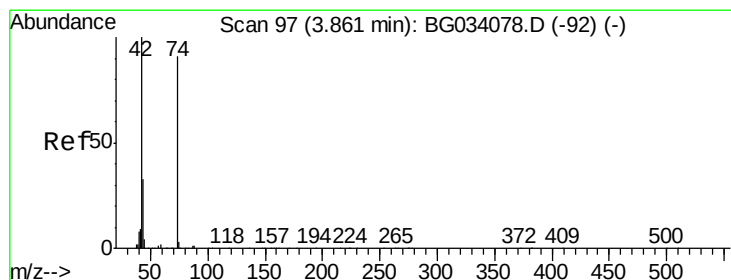
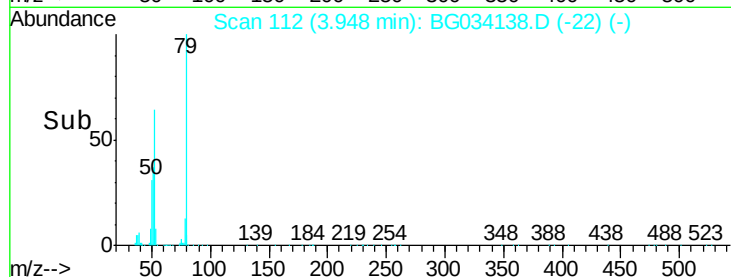
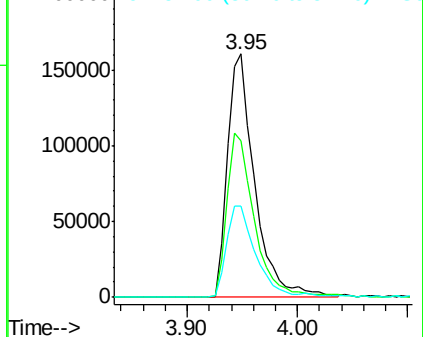
79 100

52 64.1 69.9 104.9#

51 37.7 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 39.23 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

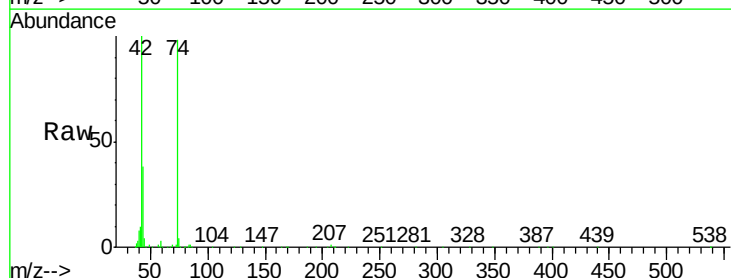
Tgt Ion: 42 Resp: 146080

Ion Ratio Lower Upper

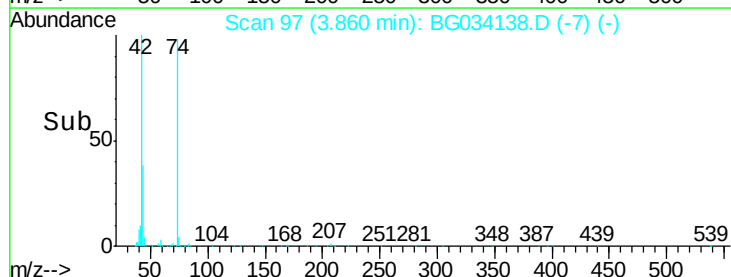
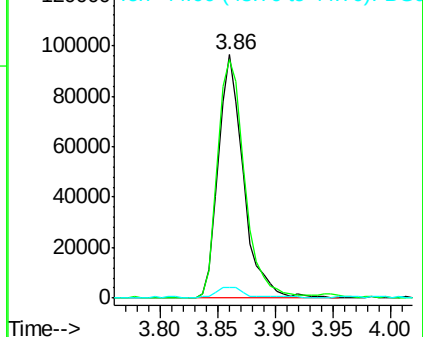
42 100

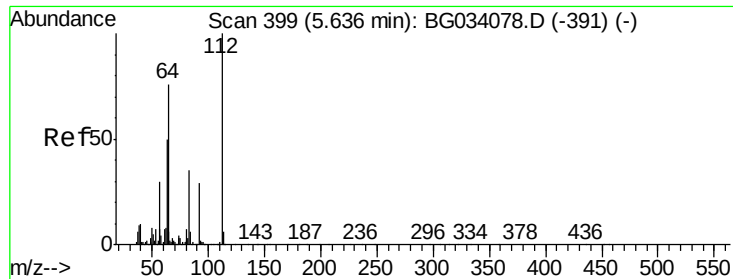
74 98.0 102.5 153.7#

44 4.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 78.75 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

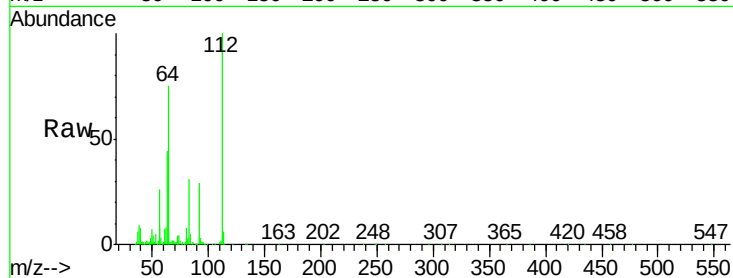
Tot Ion:112 Resp: 408188

Ion Ratio Lower Upper

112 100

64 74.9 56.3 84.5

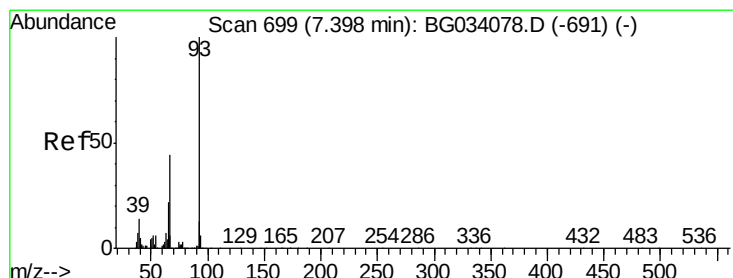
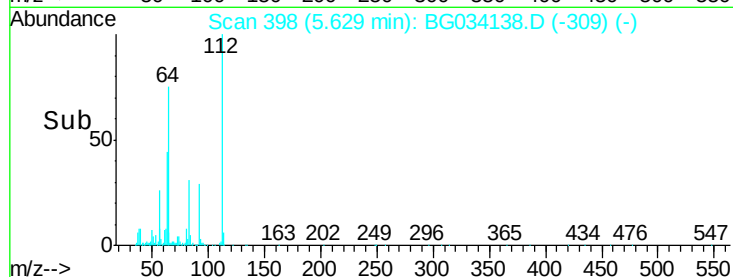
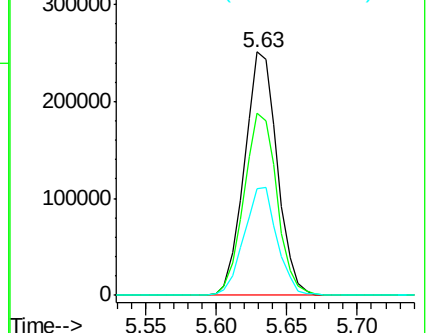
63 43.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.94 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

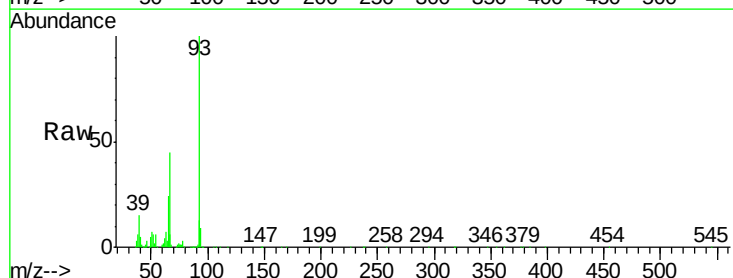
Tgt Ion: 93 Resp: 427320

Ion Ratio Lower Upper

93 100

66 44.6 33.7 50.5

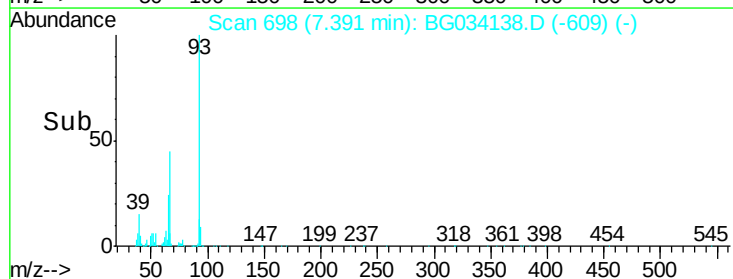
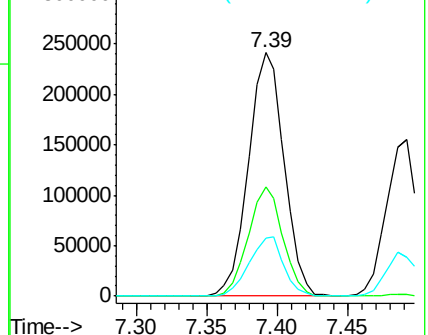
65 23.9 16.1 24.1

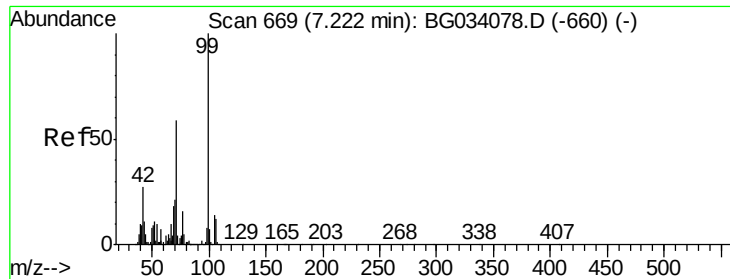


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.35 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

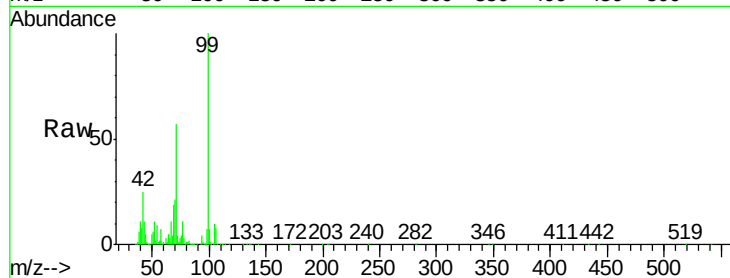
Tot Ion: 99 Resp: 616110

Ion Ratio Lower Upper

99 100

42 25.1 14.1 21.1#

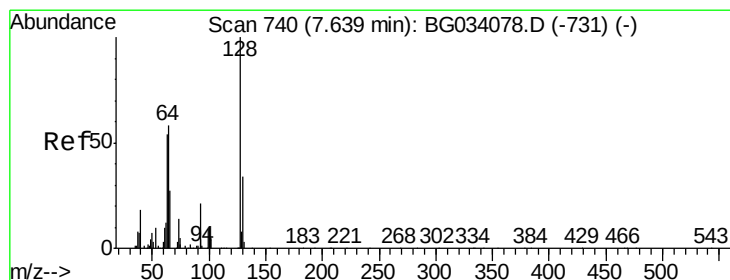
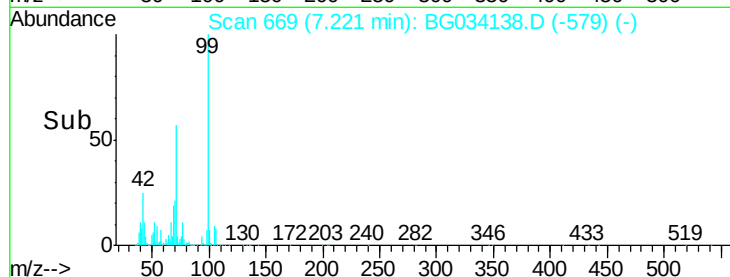
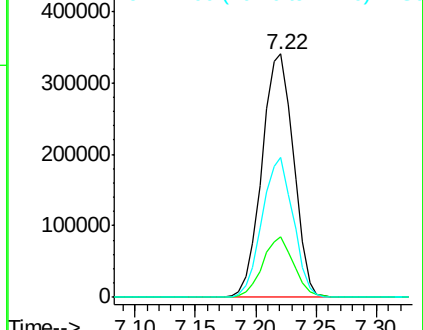
71 57.4 26.1 39.1#



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: 38.10 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

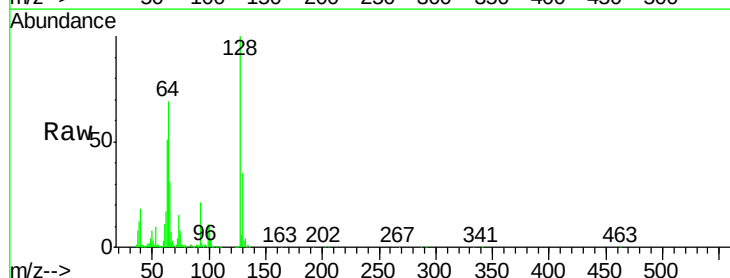
Tgt Ion: 128 Resp: 197043

Ion Ratio Lower Upper

128 100

130 34.7 14.0 54.0

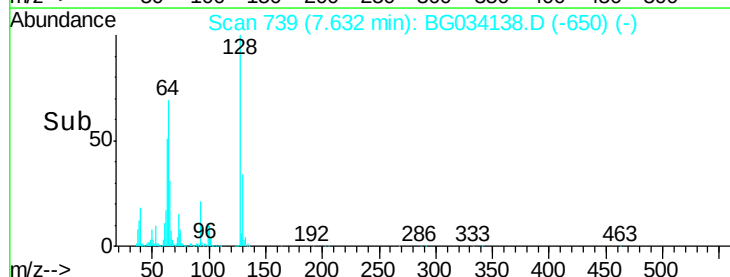
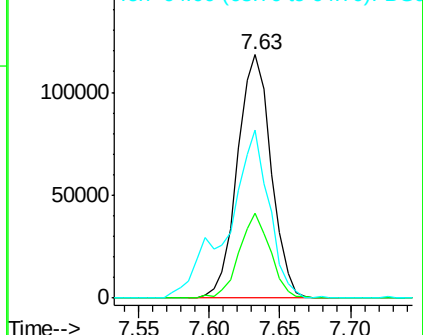
64 69.1 37.7 77.7

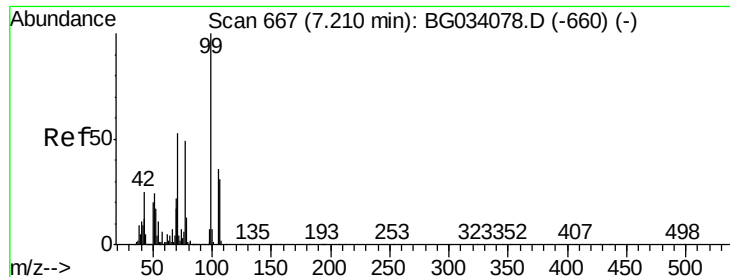


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.39 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

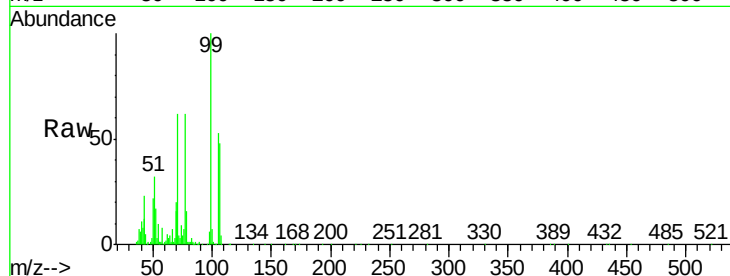
Tot Ion: 77 Resp: 175953

Ion Ratio Lower Upper

77 100

105 85.0 71.3 111.3

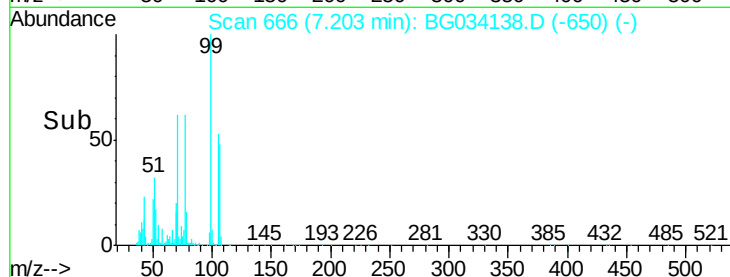
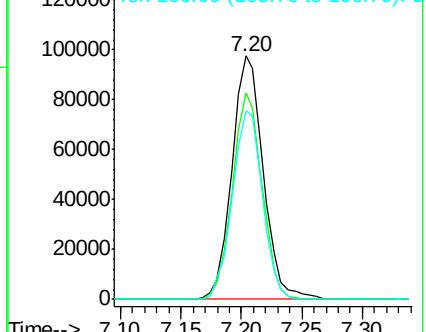
106 77.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.45 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

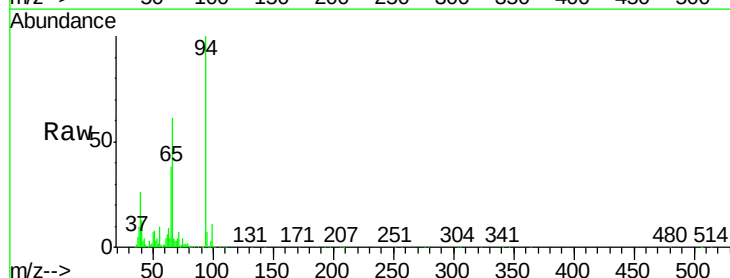
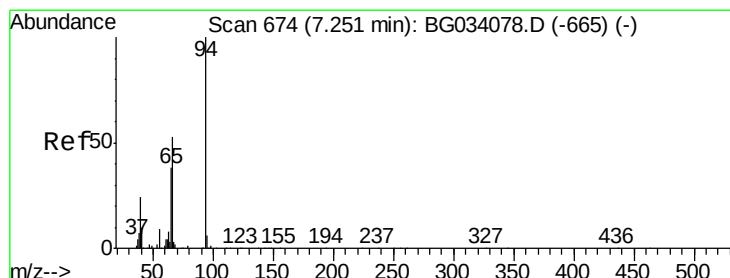
Tgt Ion: 94 Resp: 312914

Ion Ratio Lower Upper

94 100

65 38.4 11.9 51.9

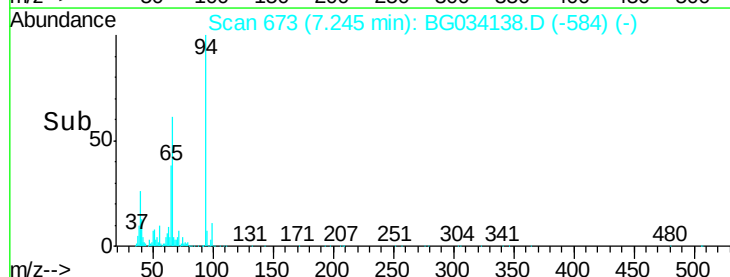
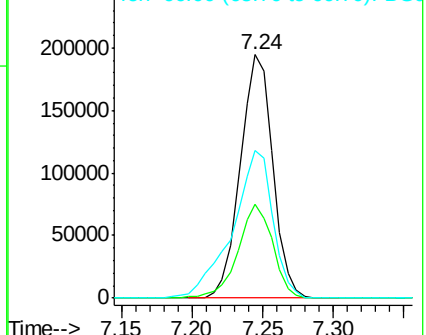
66 60.7 22.2 62.2

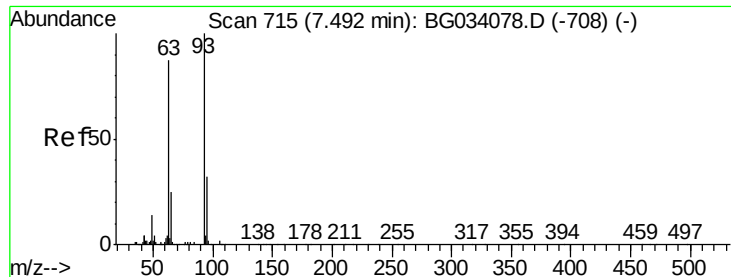


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.26 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

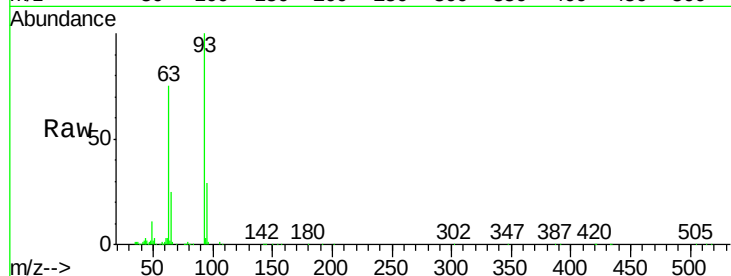
Tot Ion: 93 Resp: 238711

Ion Ratio Lower Upper

93 100

63 75.2 67.1 107.1

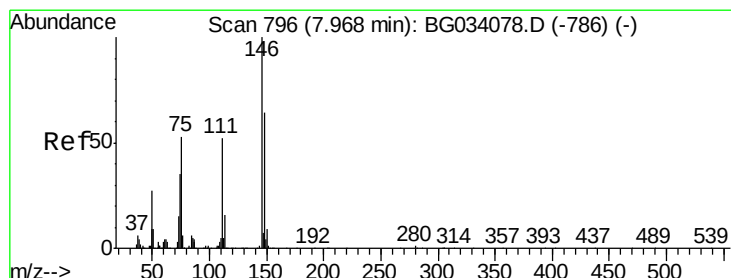
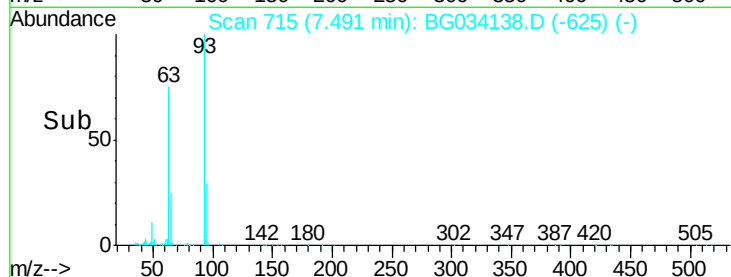
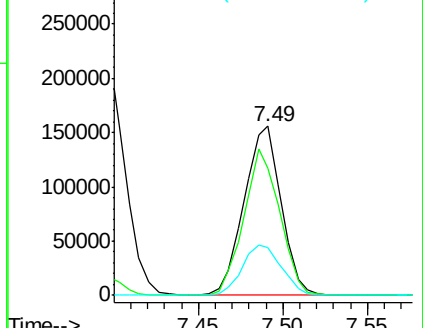
95 28.5 11.5 51.5



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: 38.22 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

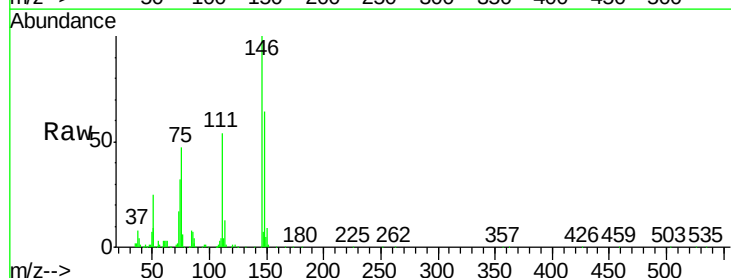
Tgt Ion: 146 Resp: 250091

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

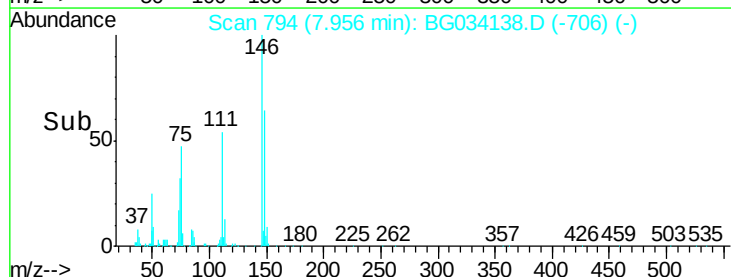
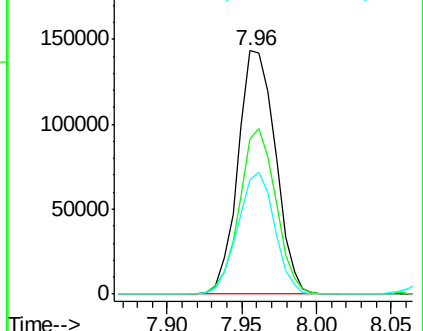
75 46.7 26.6 39.8#

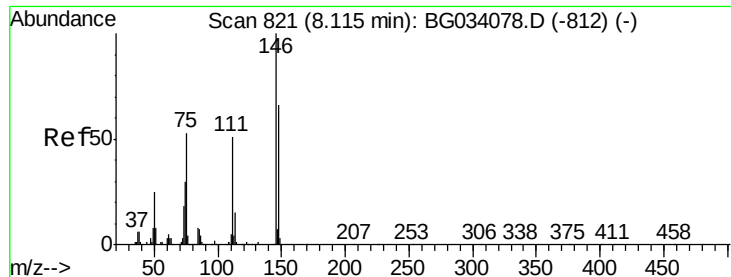


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

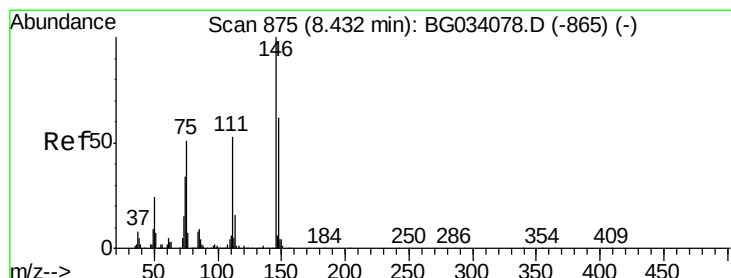
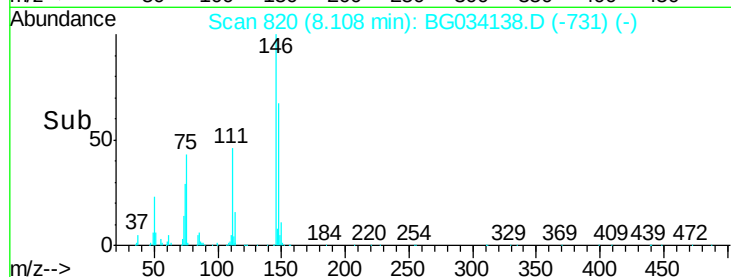
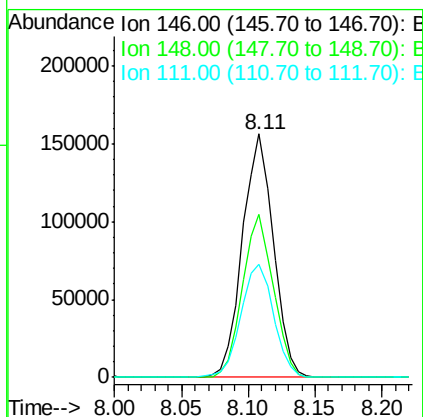
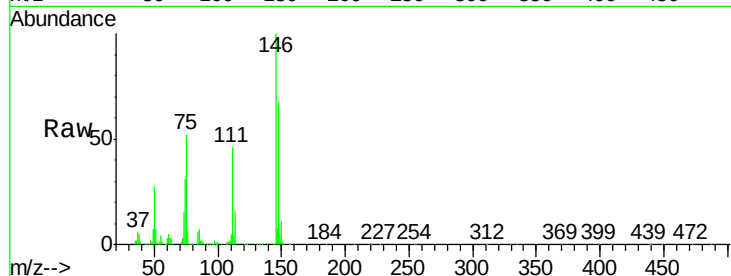




#13
 1,4-Dichlorobenzene
 Concen: 38.40 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

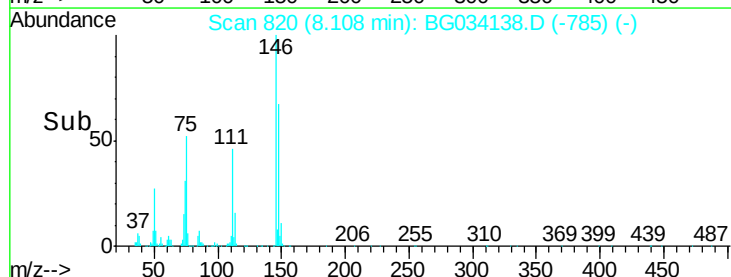
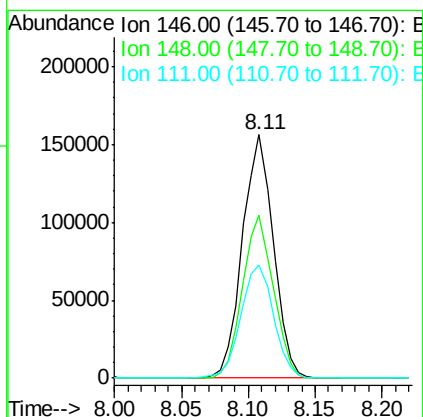
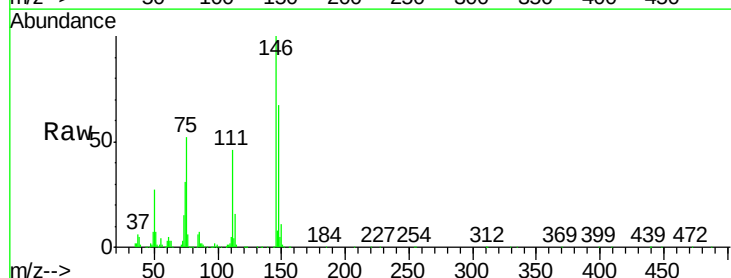
Instrument :
 BNA_G
 ClientSampleId :

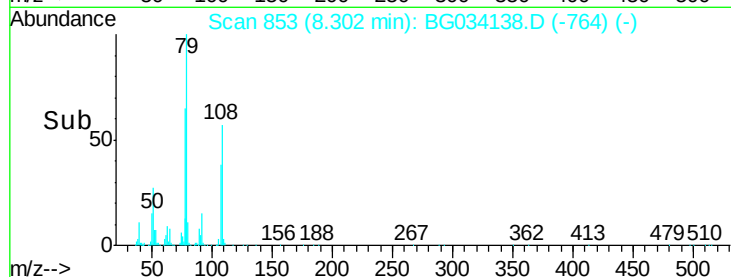
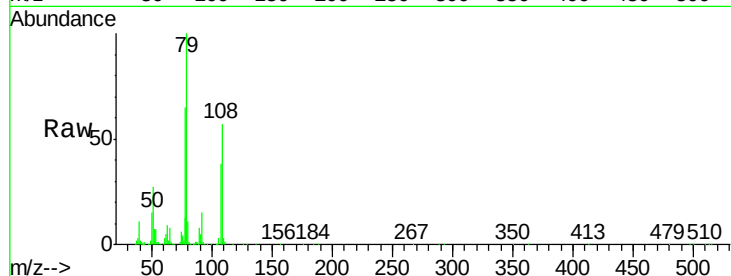
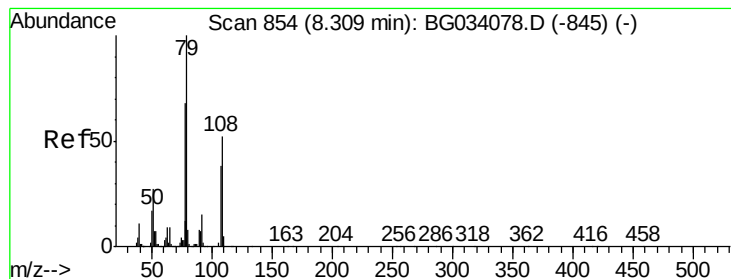
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.7	80.5
111	46.3	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.43 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.32 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	49.3	73.9
111	46.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 36.32 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampled :

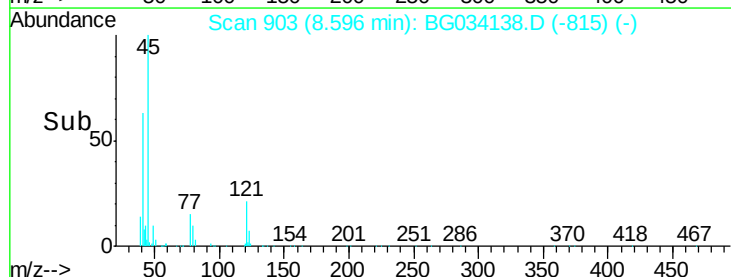
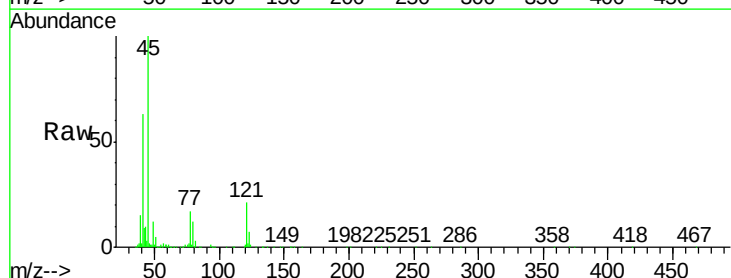
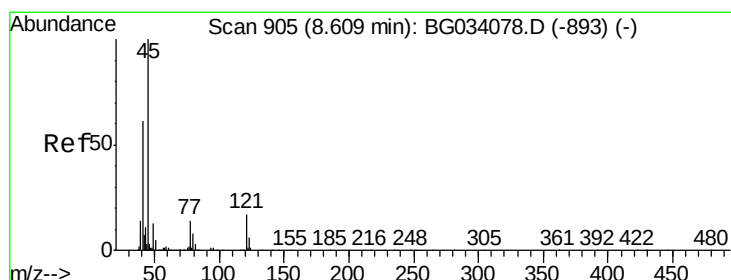
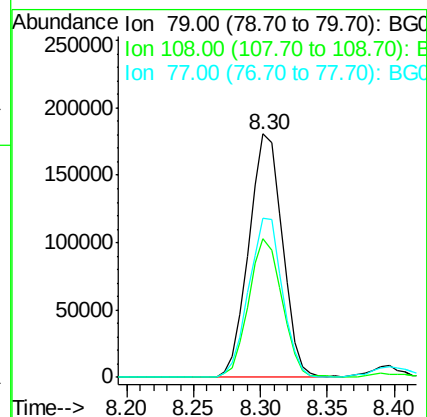
Tot Ion: 79 Resp: 312607

Ion Ratio Lower Upper

79 100

108 56.9 57.2 85.8#

77 65.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.50 ng

RT: 8.60 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

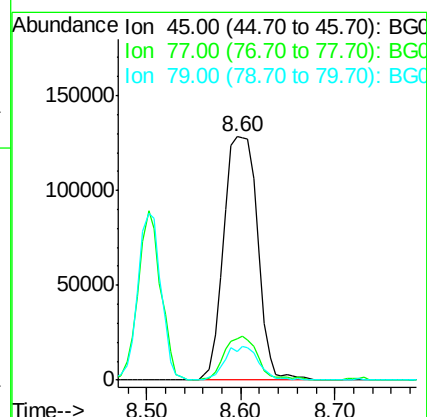
Tgt Ion: 45 Resp: 321789

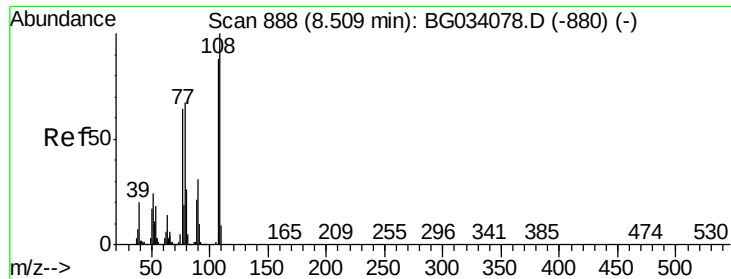
Ion Ratio Lower Upper

45 100

77 17.2 0.0 30.2

79 11.5 0.0 27.9

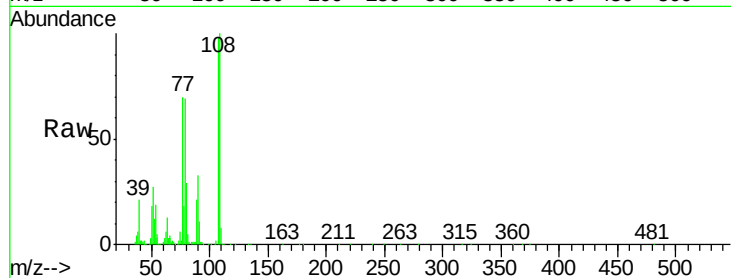




#17
2-Methylphenol
Concen: 39.64 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	102.3	83.9	125.9
77	71.3	37.2	55.8#
79	70.1	36.2	54.2#



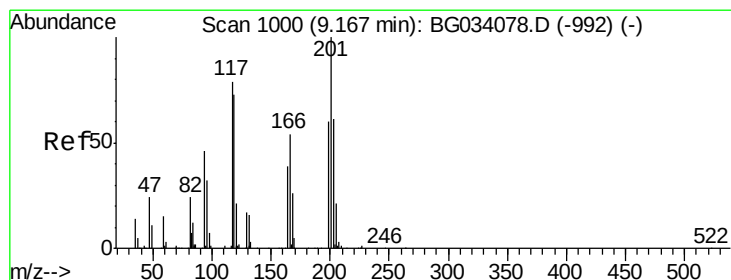
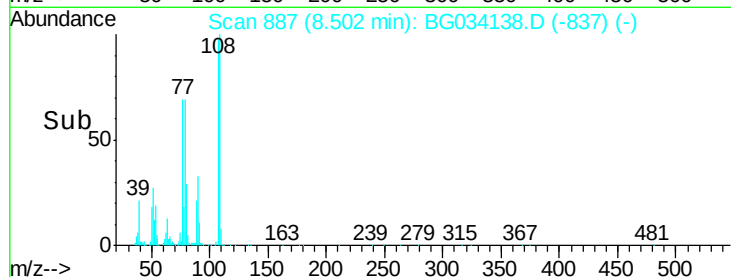
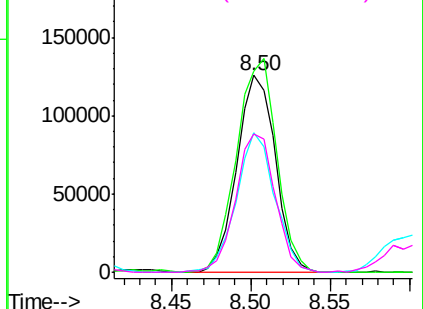
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

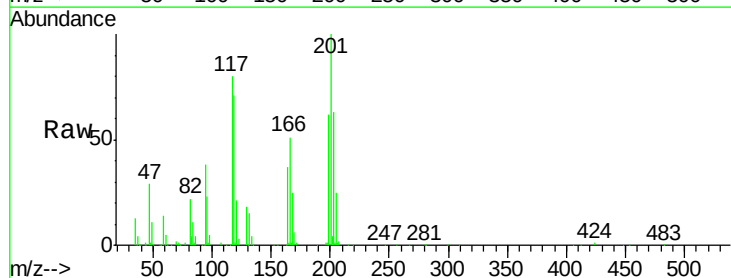
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.67 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.9	76.7	115.1
201	124.4	95.7	143.5

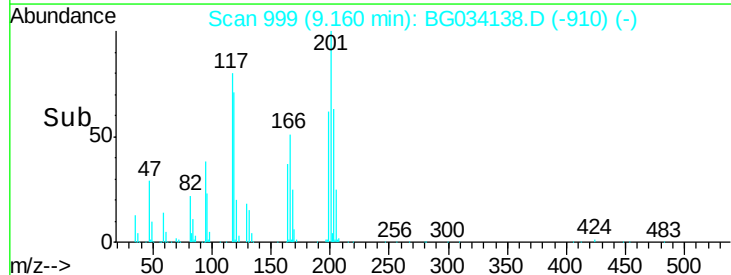
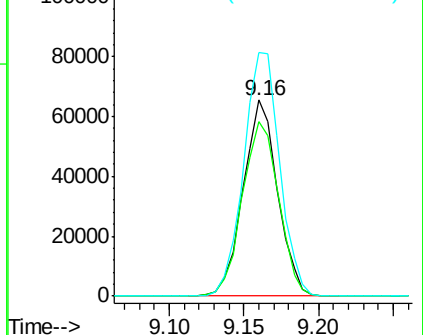


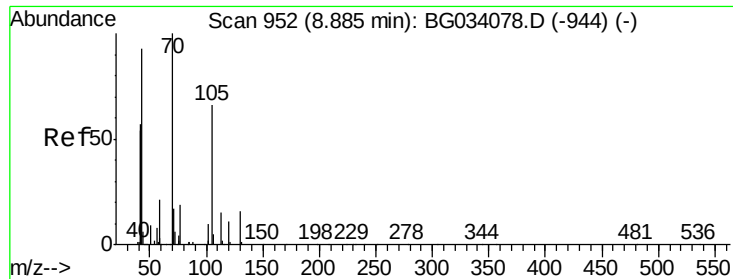
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.48 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 257097

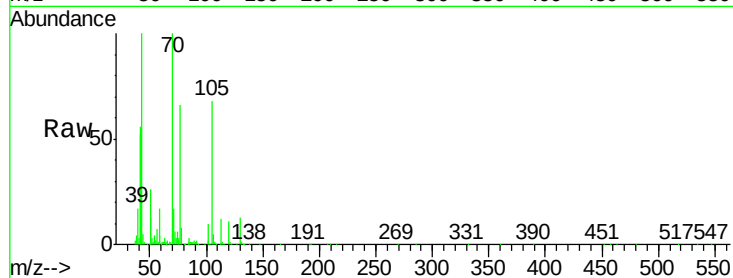
Ion Ratio Lower Upper

70 100

42 56.2 49.1 73.7

101 9.9 8.5 12.7

130 12.9 13.4 20.0#

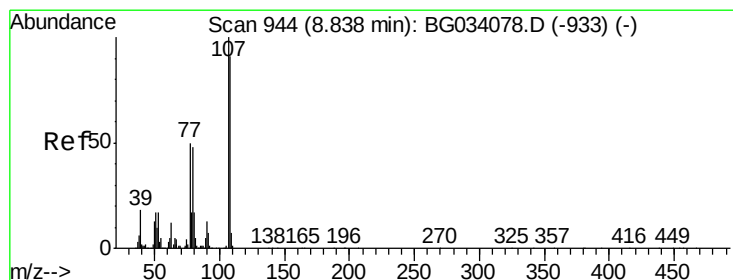
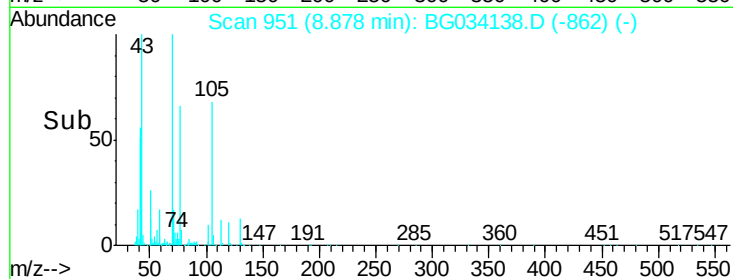
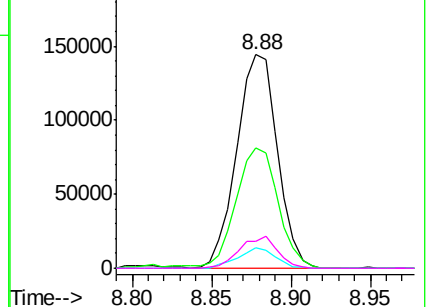


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.15 ng

RT: 8.84 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Tgt Ion: 107 Resp: 294649

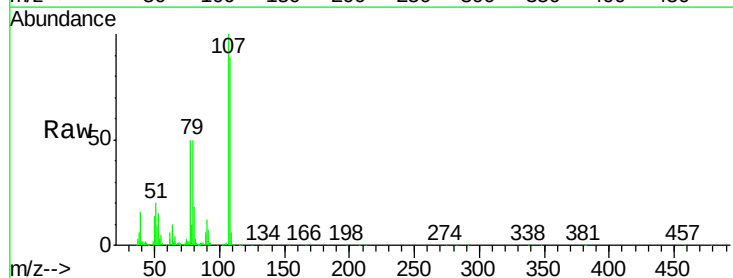
Ion Ratio Lower Upper

107 100

108 89.4 61.6 101.6

77 50.3 13.9 53.9

79 50.1 8.8 48.8#

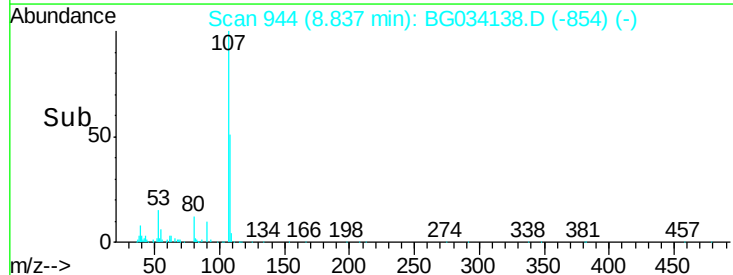
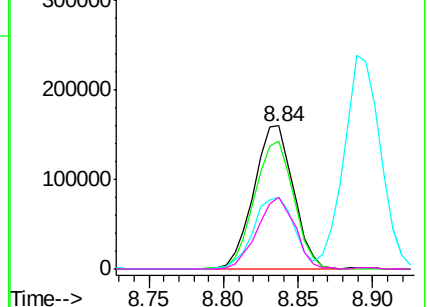


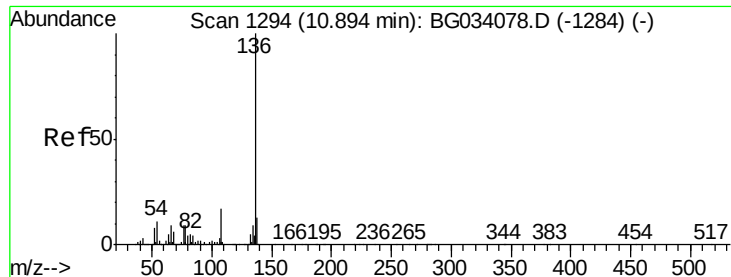
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

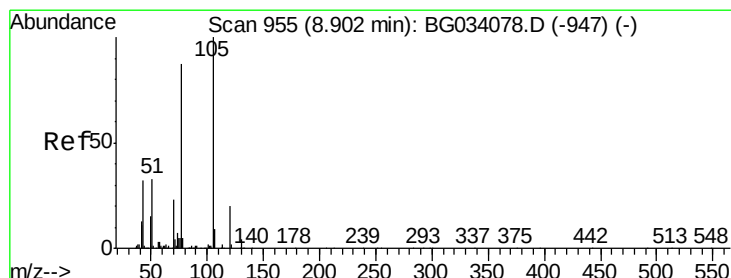
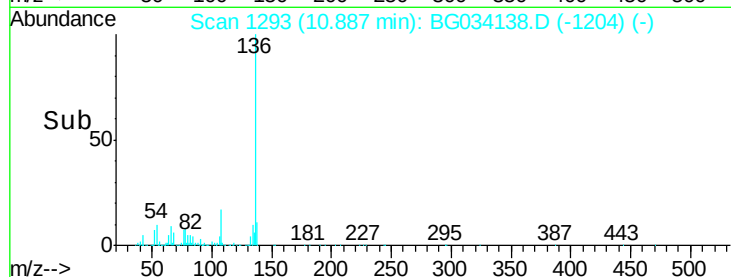
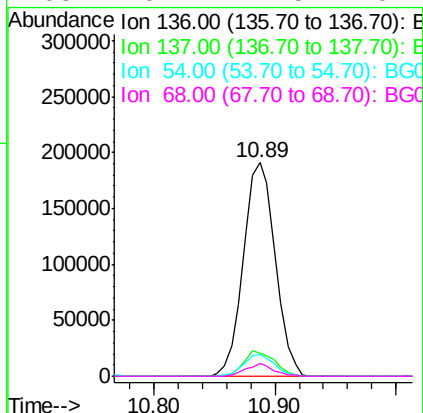
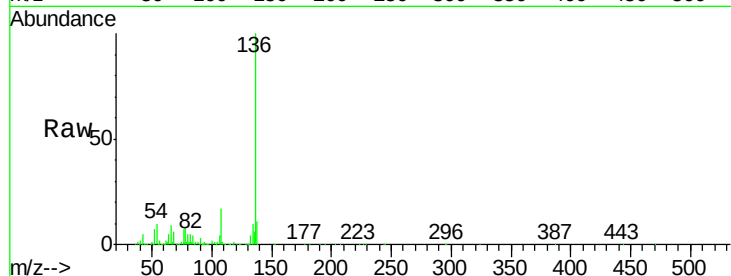




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

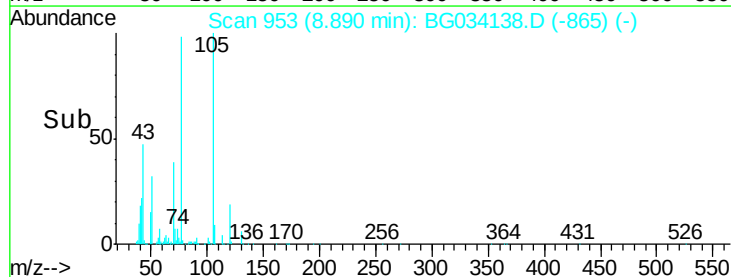
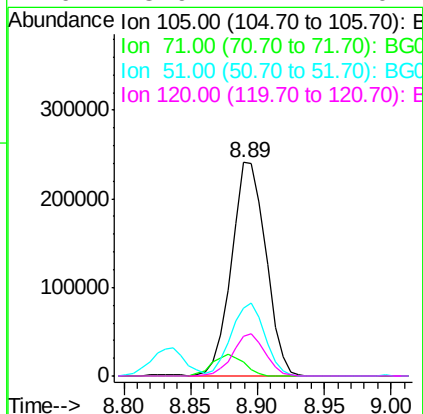
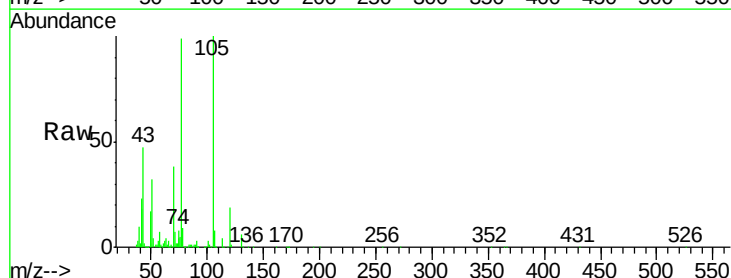
Instrument :
BNA_G
ClientSampled :

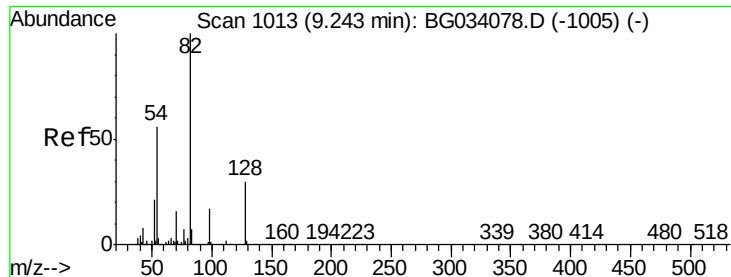
Tot Ion:136	Resp:	350786
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	10.3	10.3 15.5#
68	6.1	4.5 6.7



#22
Acetophenone
Concen: 36.13 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion:105	Resp:	431730
Ion Ratio	Lower	Upper
105	100	
71	6.6	3.0 4.4#
51	32.0	26.1 39.1
120	18.9	17.4 26.2

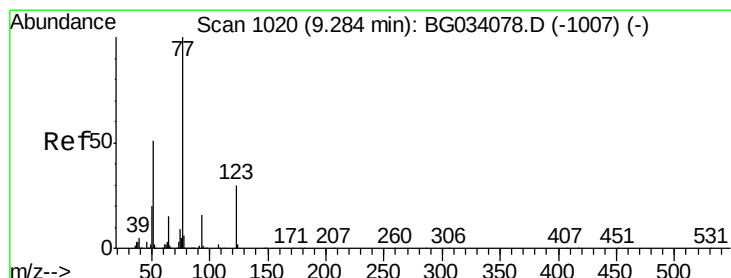
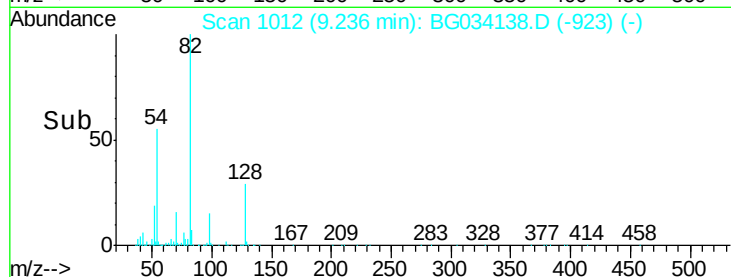
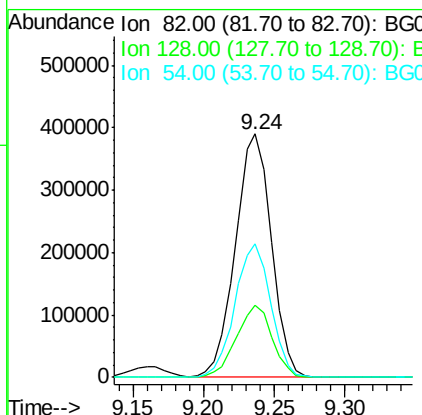
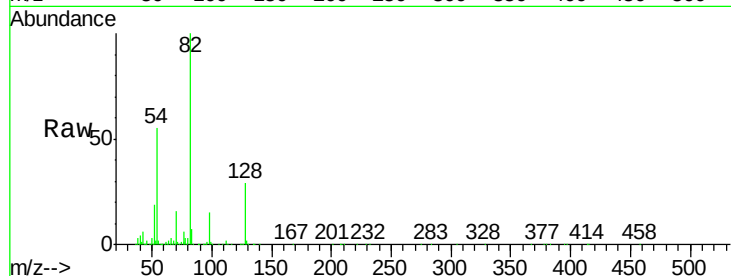




#23
 Nitrobenzene-d5
 Concen: 76.00 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

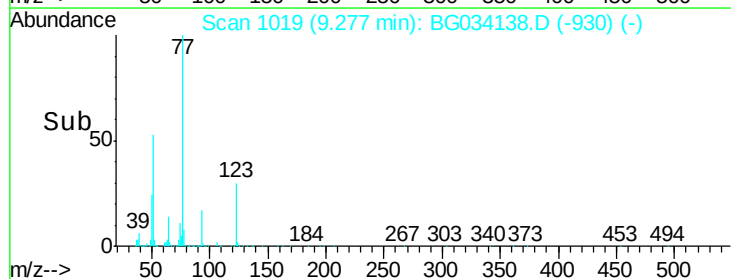
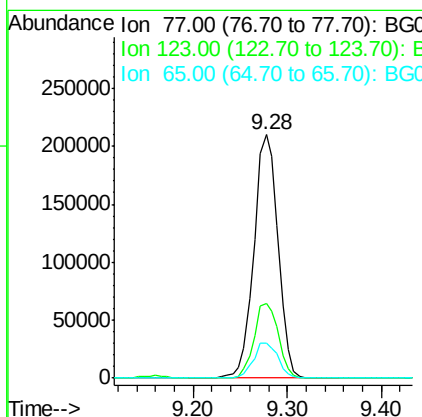
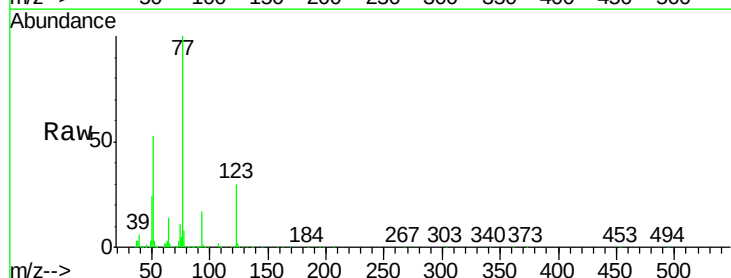
Instrument :
 BNA_G
 ClientSampleId :

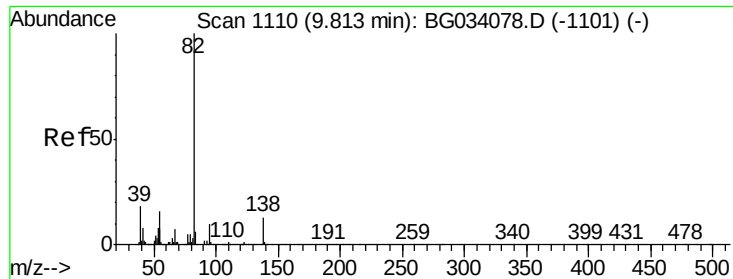
Tot Ion	82	Resp	694841
Ion Ratio	Lower	Upper	
82	100		
128	29.5	29.7	44.5#
54	55.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 37.18 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion	77	Resp	372114
Ion Ratio	Lower	Upper	
77	100		
123	30.5	33.0	49.6#
65	14.3	13.0	19.6





#25

Isophorone

Concen: 34.41 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

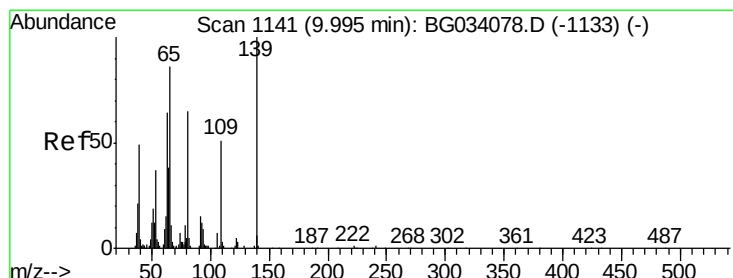
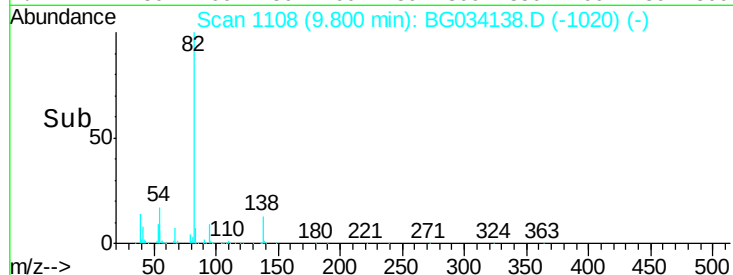
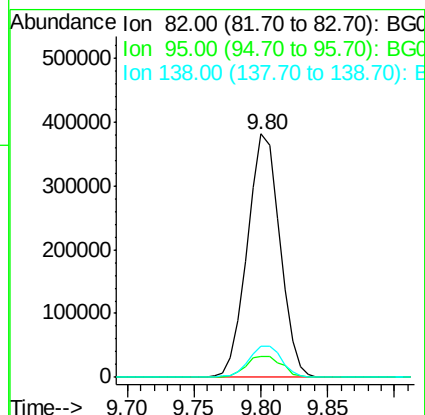
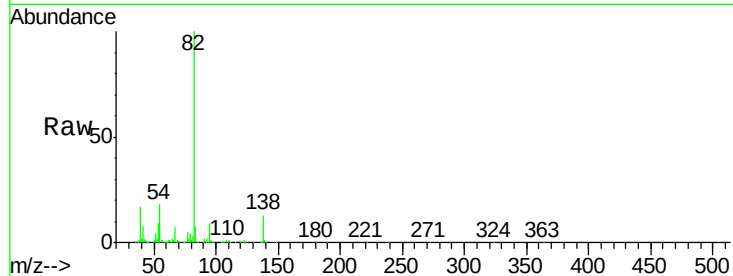
Tot Ion: 82 Resp: 641820

Ion Ratio Lower Upper

82 100

95 8.8 6.2 9.2

138 12.8 12.1 18.1



#26

2-Nitrophenol

Concen: 40.53 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

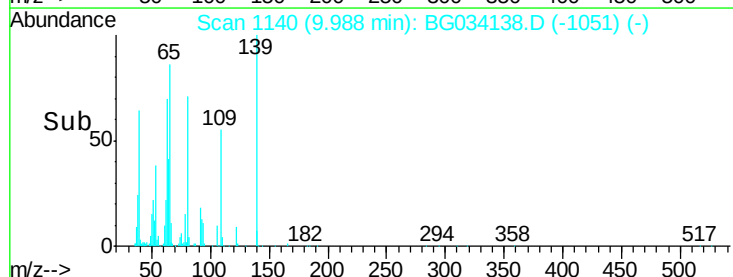
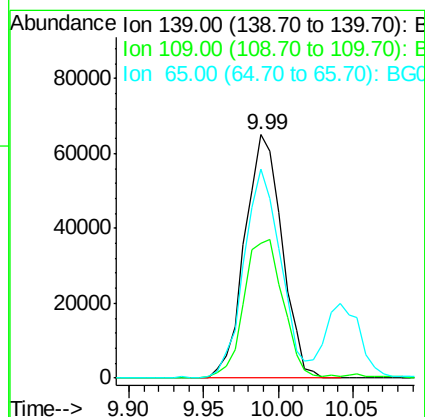
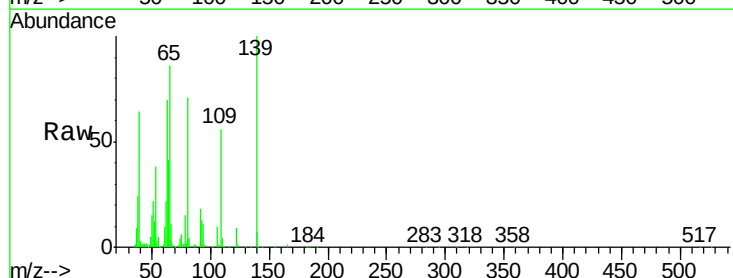
Tgt Ion: 139 Resp: 112278

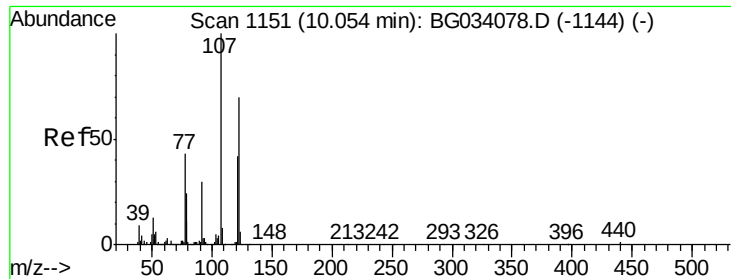
Ion Ratio Lower Upper

139 100

109 55.6 24.2 36.2#

65 86.1 47.4 71.0#

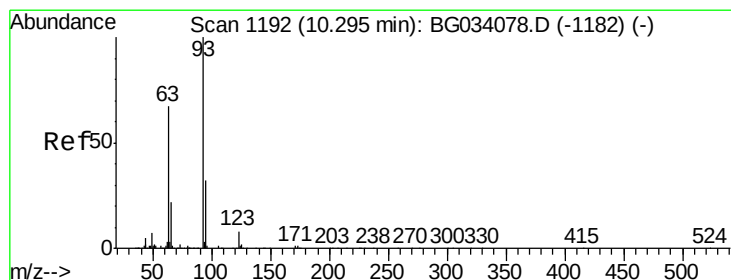
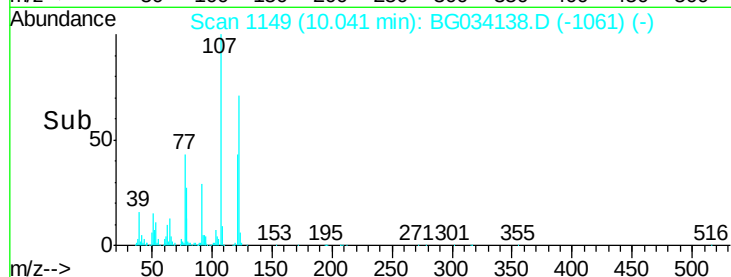
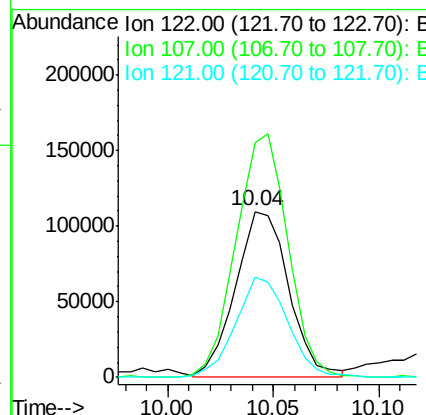
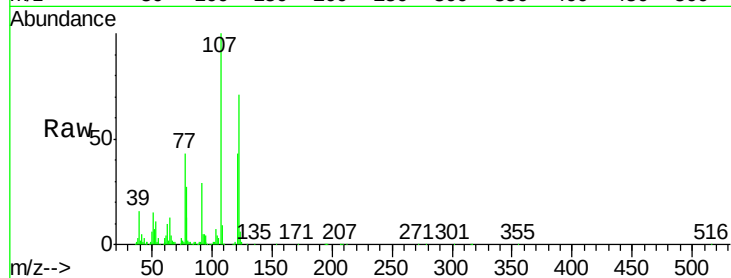




#27
2,4-Dimethylphenol
Concen: 35.63 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

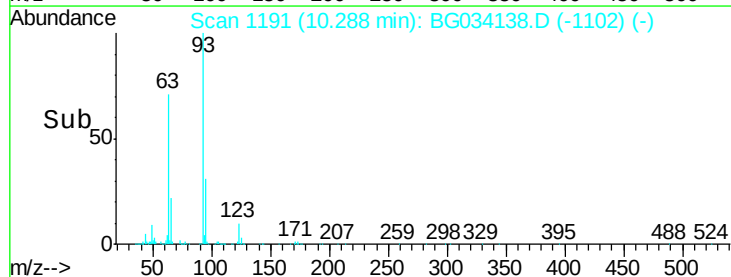
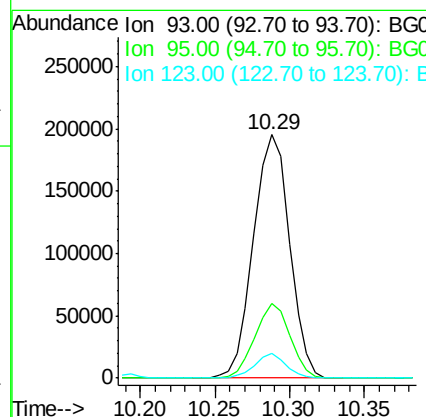
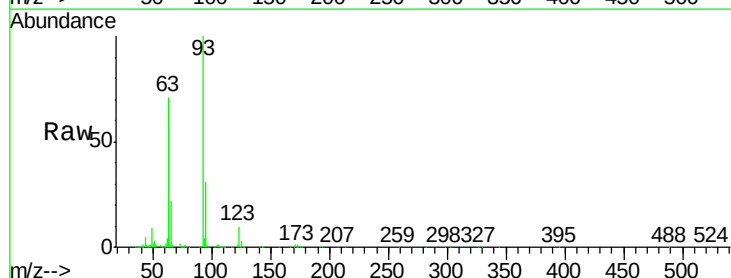
Instrument :
BNA_G
ClientSampleId :

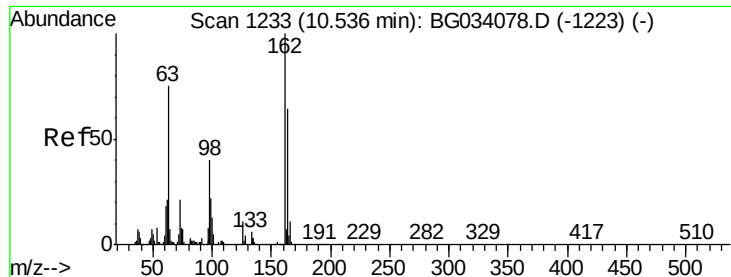
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	100.2	150.2
121	60.3	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 35.69 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.3	36.5
123	10.3	8.4	12.6

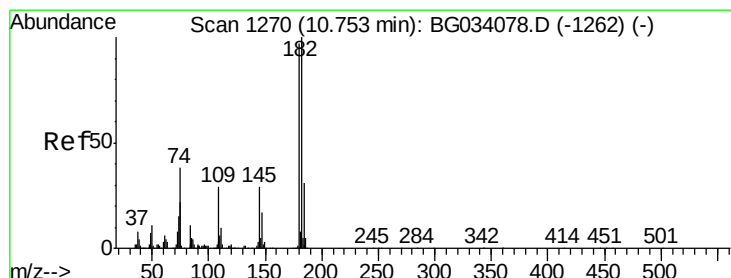
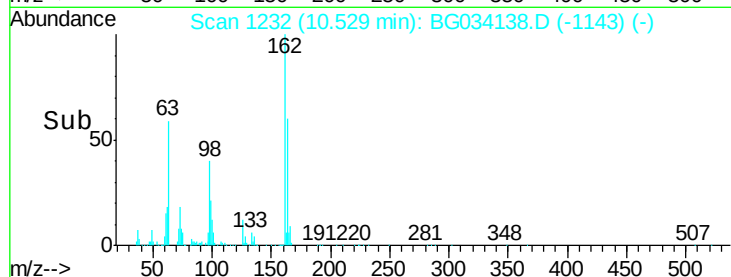
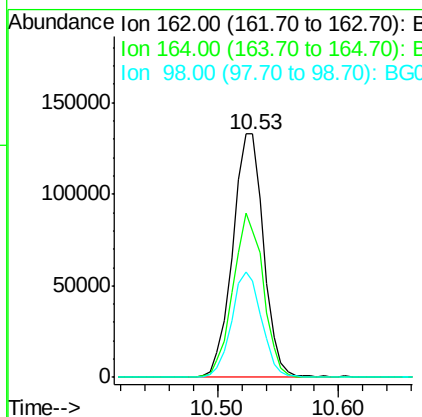
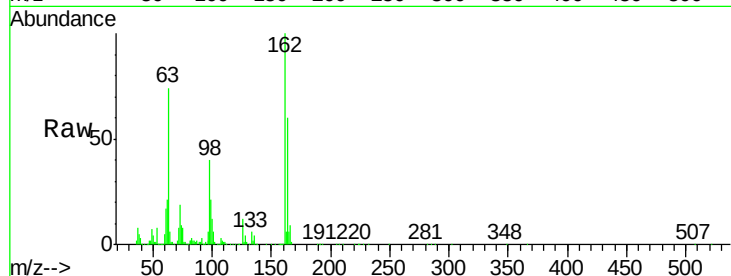




#29
 2,4-Dichlorophenol
 Concen: 36.88 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

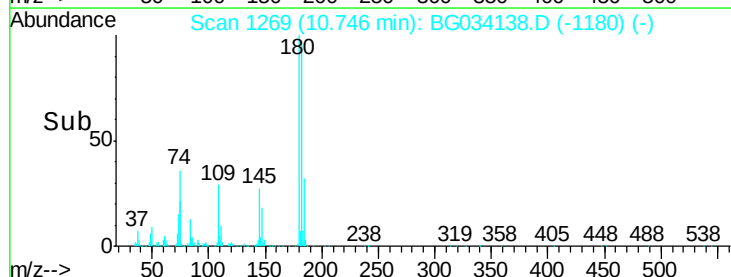
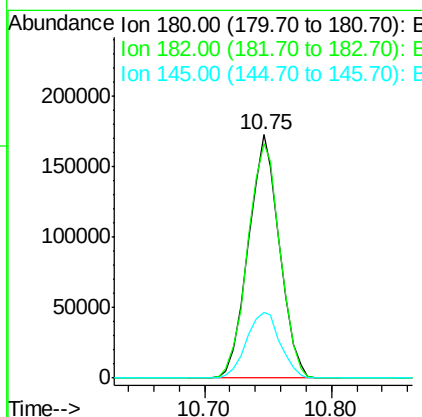
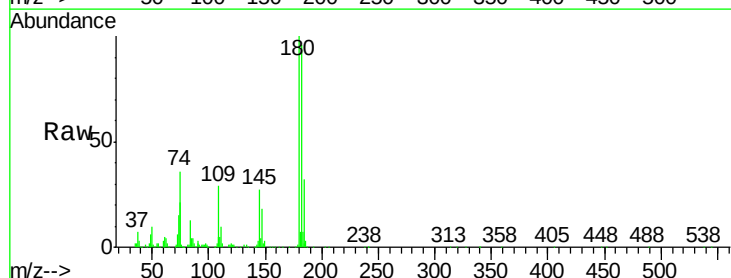
Instrument :
 BNA_G
 ClientSampleId :

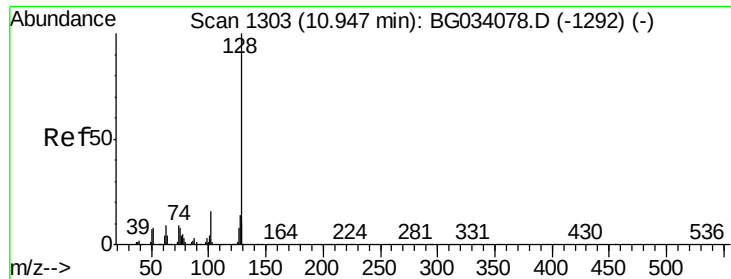
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.0	48.0	88.0
98	39.8	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.98 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	27.1	23.4	35.2

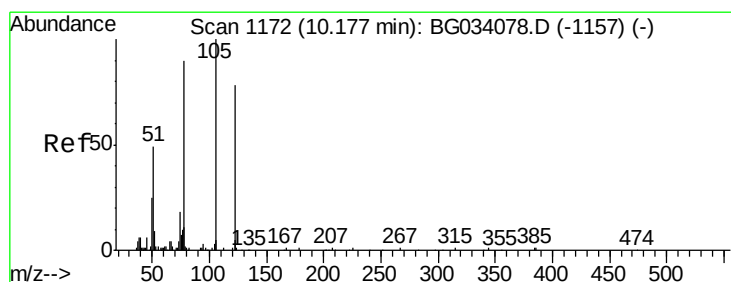
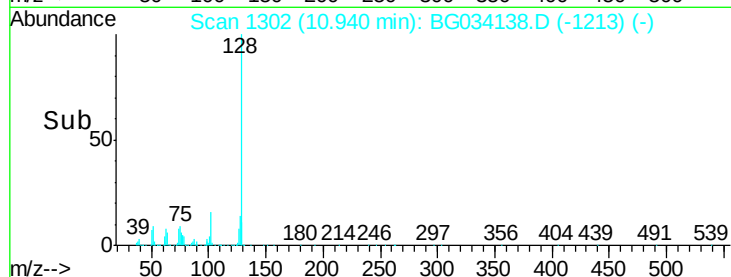
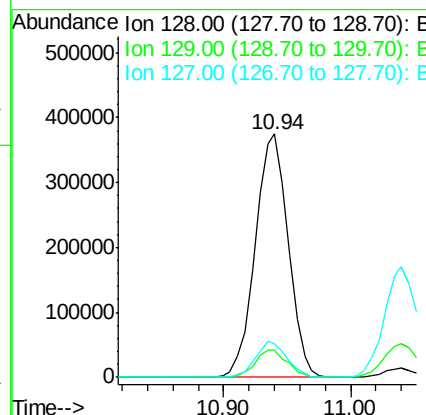
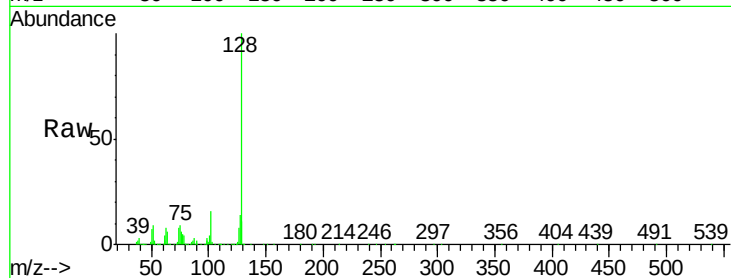




#31
Naphthalene
Concen: 36.75 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

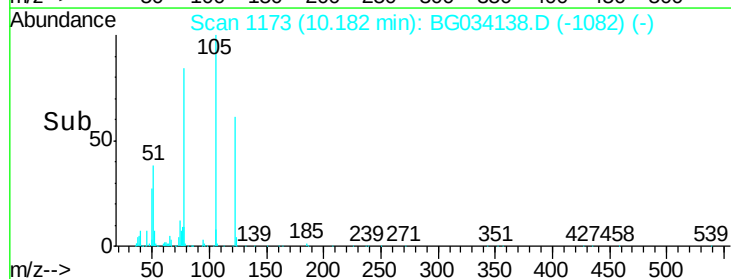
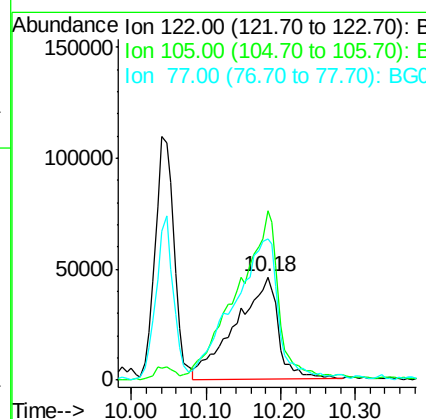
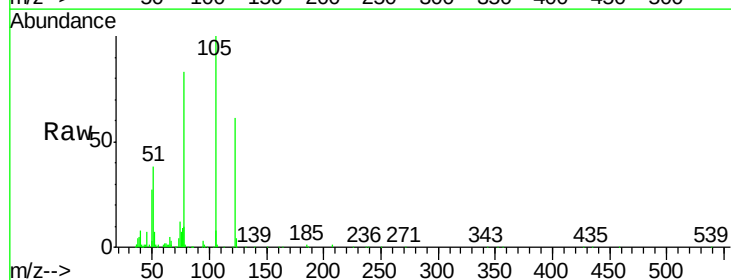
Instrument :
BNA_G
ClientSampleId :

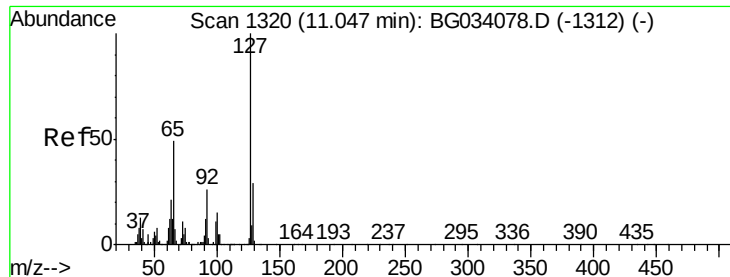
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.6	11.6	17.4



#32
Benzoic acid
Concen: 39.28 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	164.3	123.5	163.5#
77	137.0	85.7	125.7#

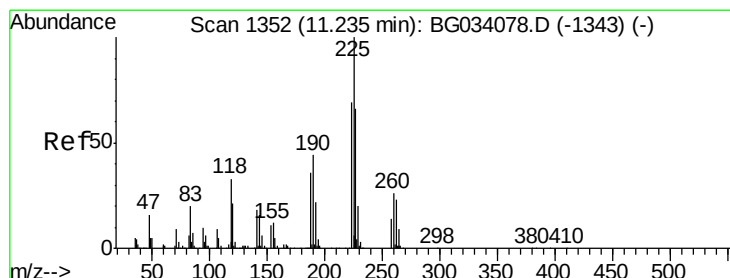
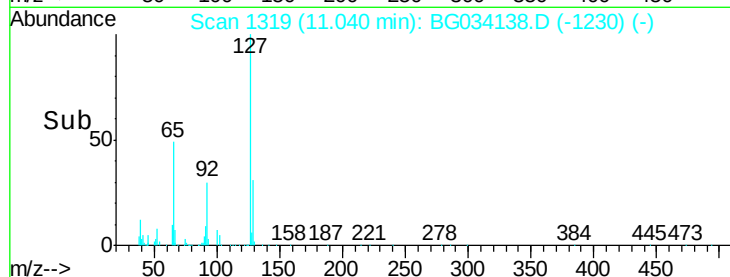
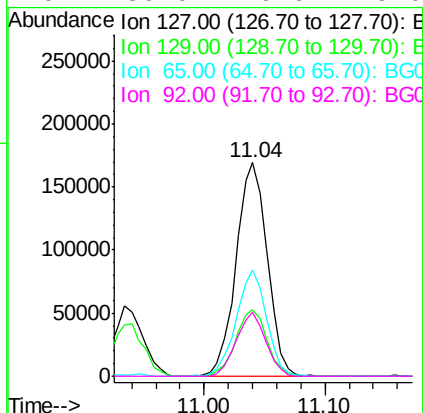
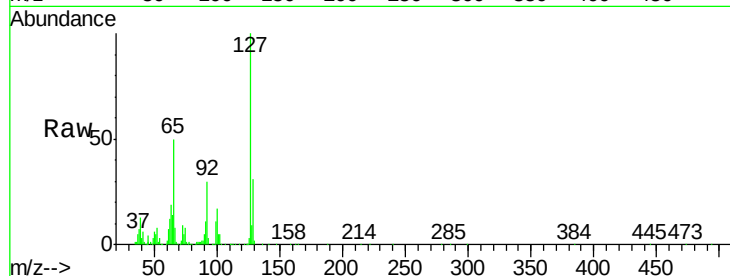




#33
4-Chloroaniline
Concen: 36.66 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

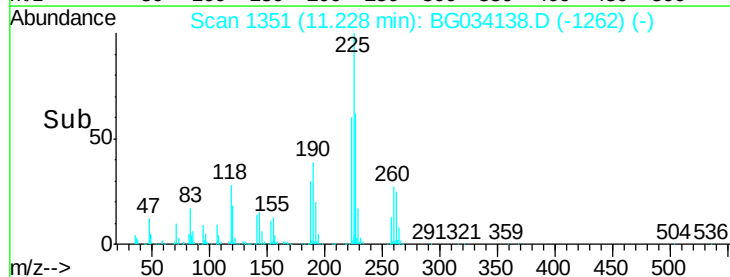
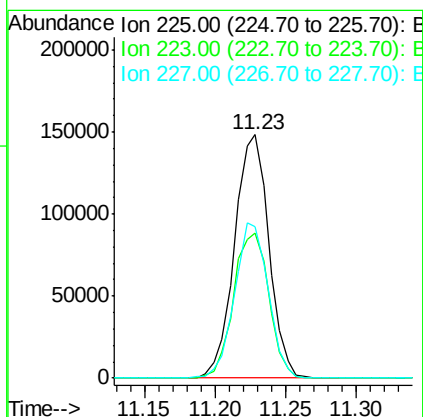
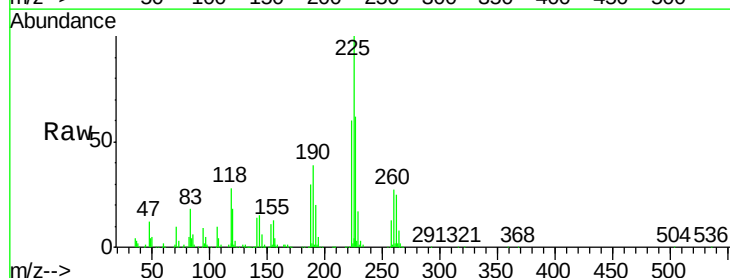
Instrument :
BNA_G
ClientSampleId :

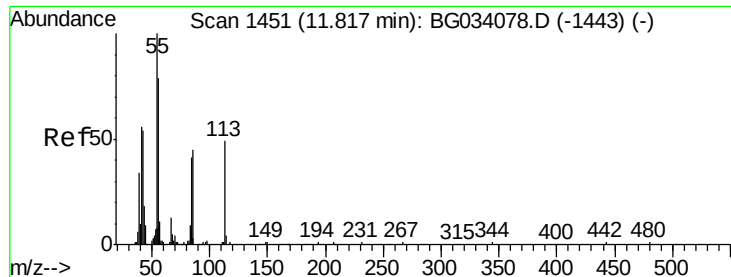
Tot Ion:	127	Resp:	304803
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.0	36.0
65	49.8	27.0	40.4
92	30.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.44 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion:	225	Resp:	251488
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.7	74.5
227	62.3	48.1	72.1

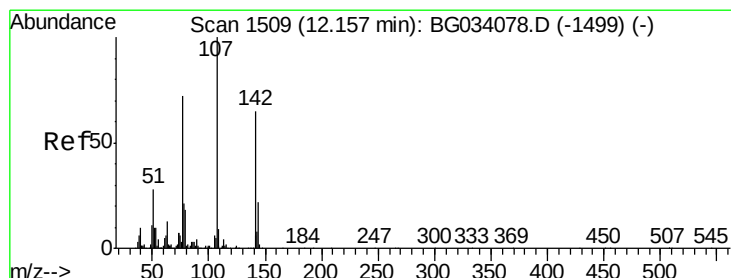
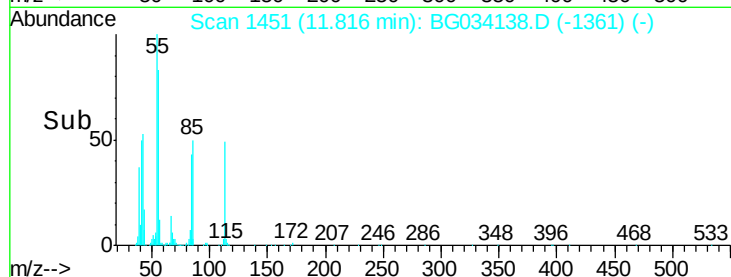
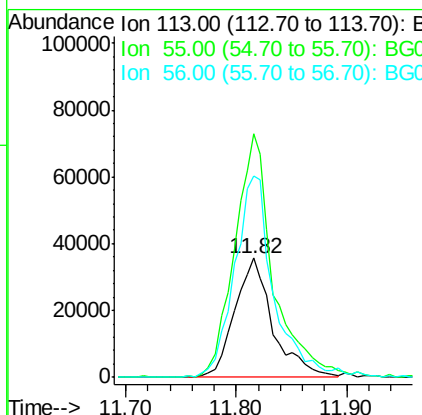
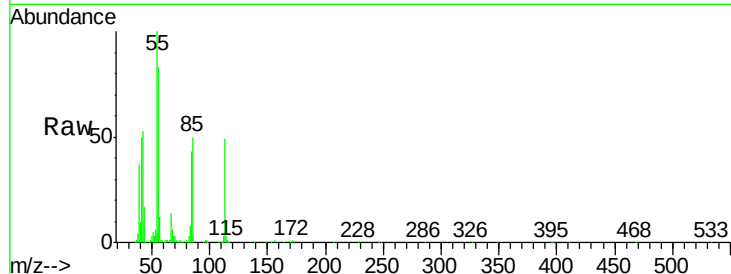




#35
 Caprolactam
 Concen: 38.02 ng
 RT: 11.82 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

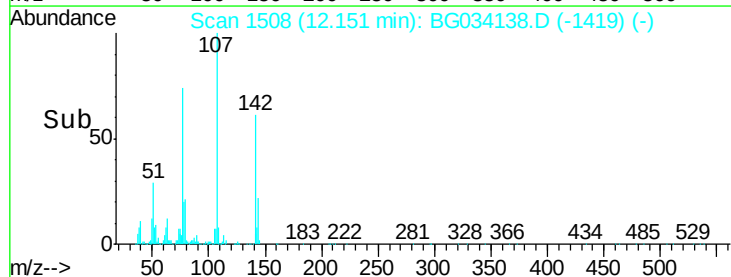
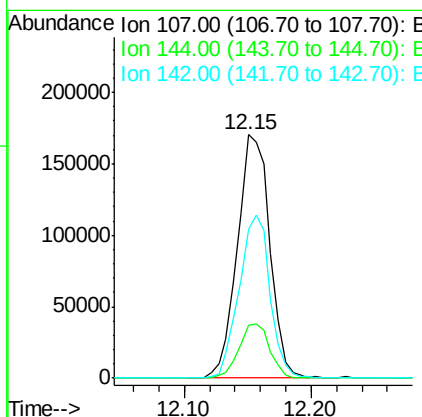
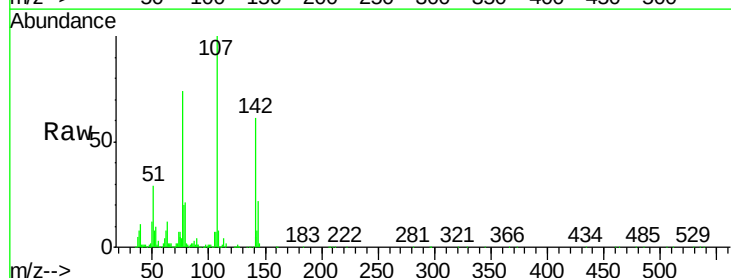
Instrument :
 BNA_G
 ClientSampleId :

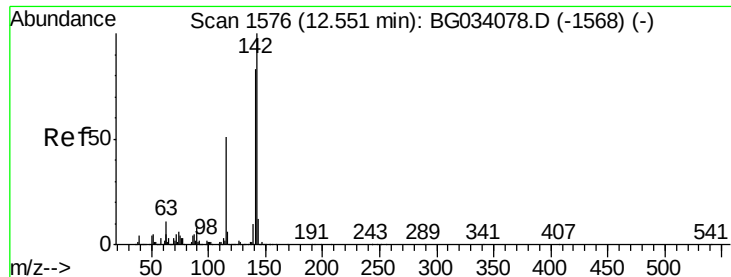
Tot Ion:113 Resp: 86691
 Ion Ratio Lower Upper
 113 100
 55 204.9 186.9 226.9
 56 170.0 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.23 ng
 RT: 12.15 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion:107 Resp: 301607
 Ion Ratio Lower Upper
 107 100
 144 21.6 18.2 27.4
 142 61.2 59.0 88.4

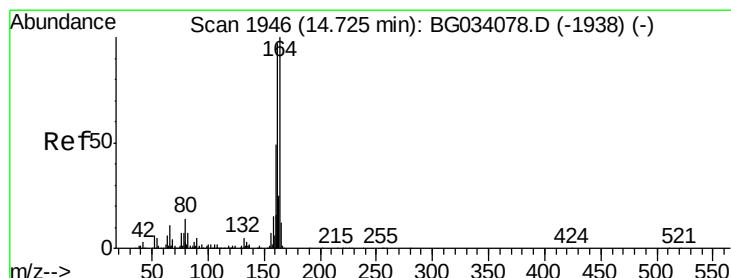
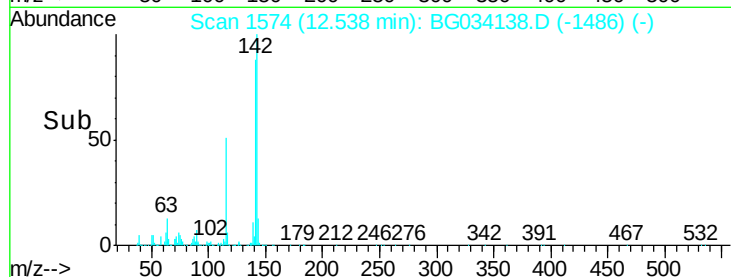
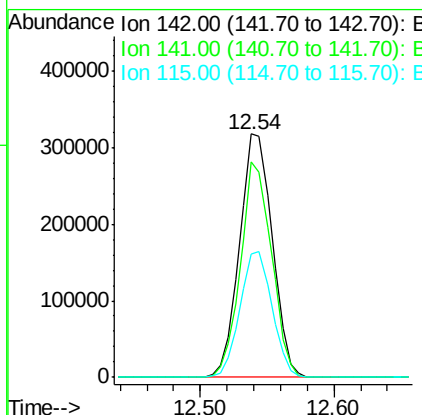
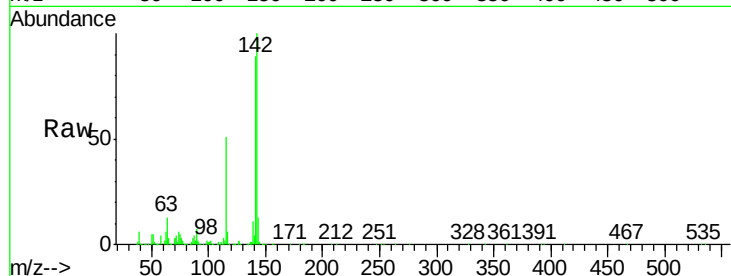




#37
 2-Methylnaphthalene
 Concen: 36.03 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

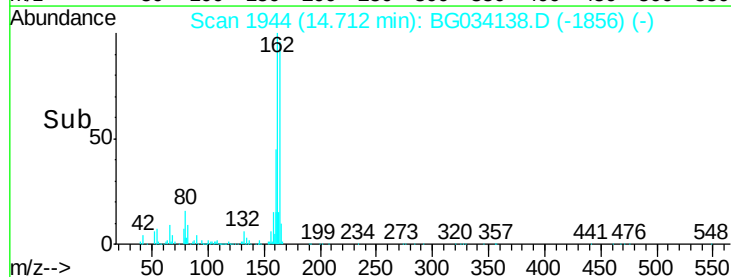
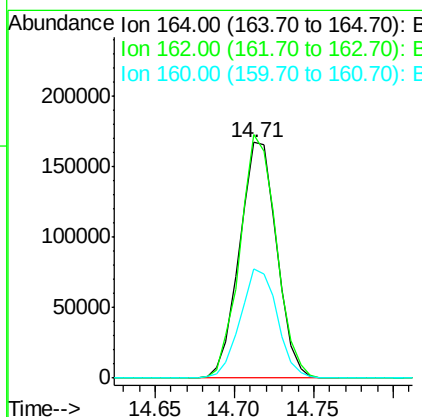
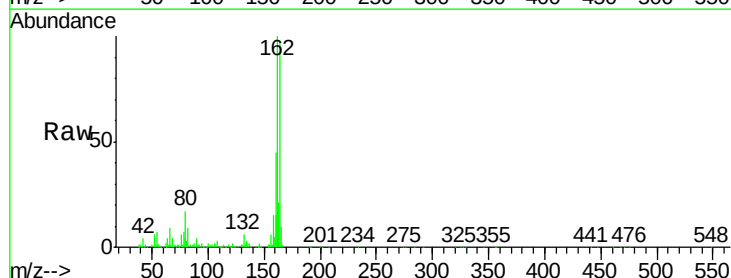
Instrument :
 BNA_G
 ClientSampleId :

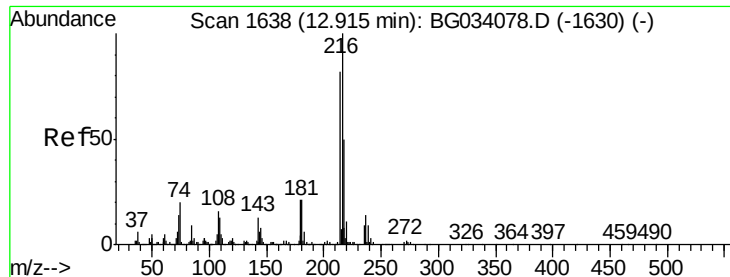
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.1	100.7
115	50.7	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	46.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.46 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 394924

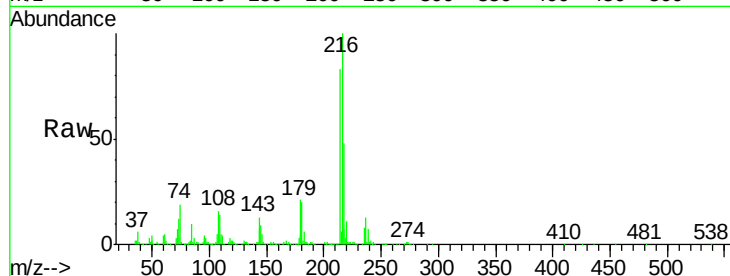
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.1 17.0 25.6

108 17.2 12.8 19.2

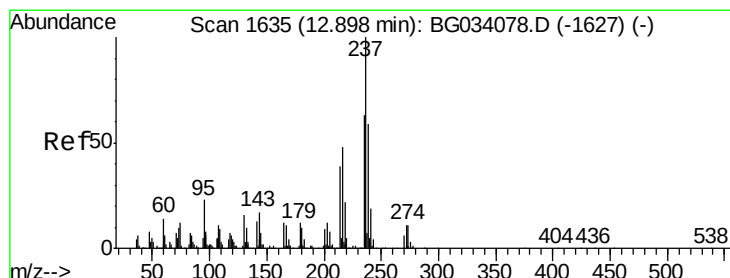
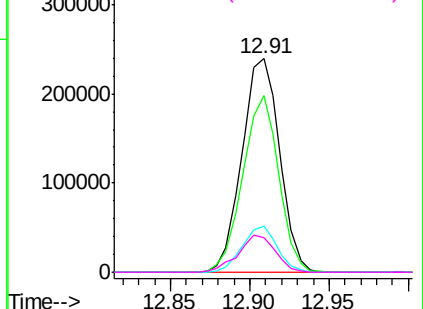
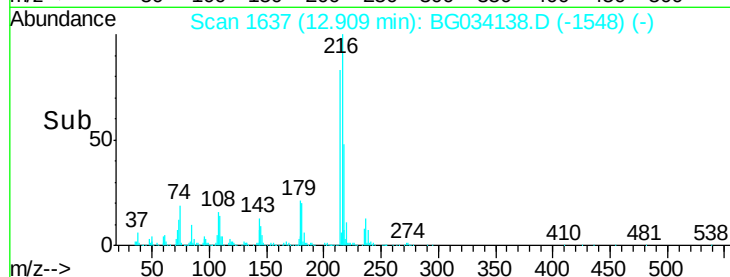


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.61 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

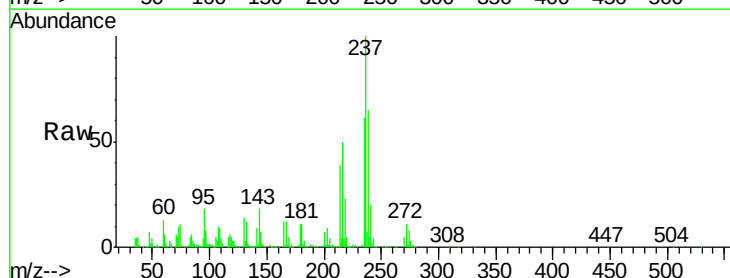
Tgt Ion:237 Resp: 253667

Ion Ratio Lower Upper

237 100

235 60.7 50.4 90.4

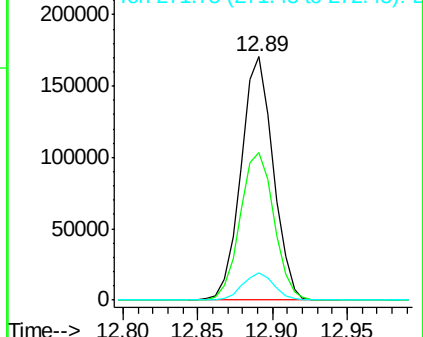
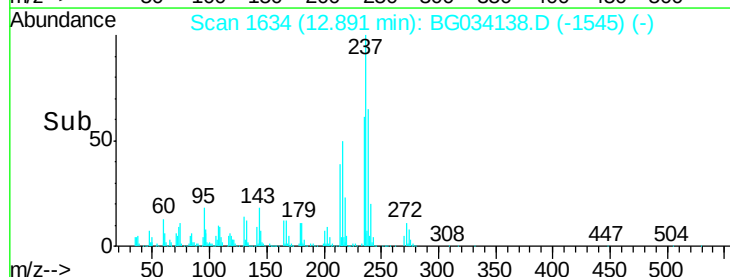
272 11.2 0.0 31.8

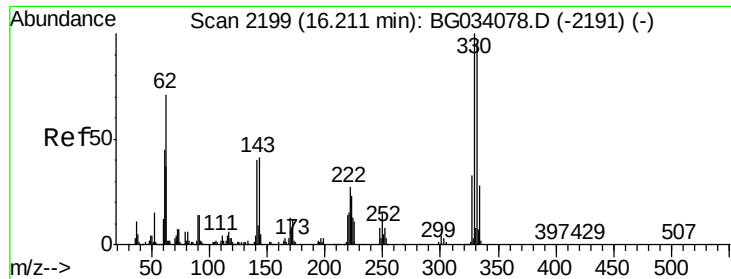


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

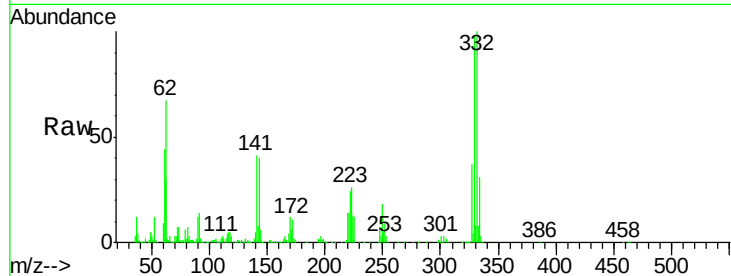




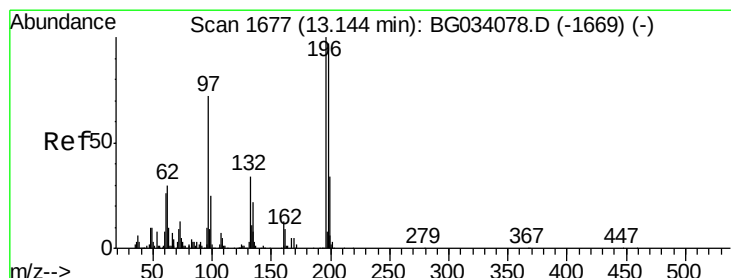
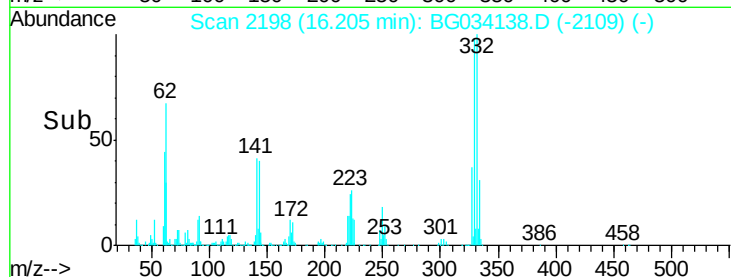
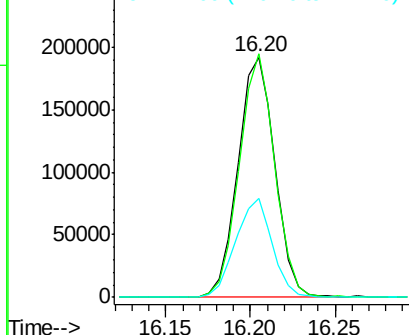
#41
 2,4,6-Tribromophenol
 Concen: 77.14 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	40.9	25.2	37.8#

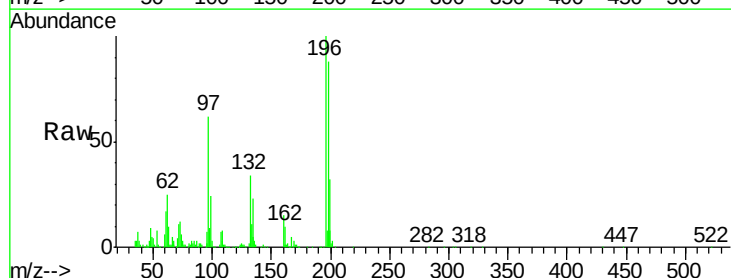


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

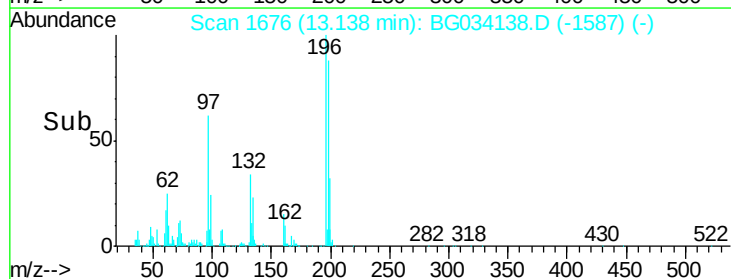
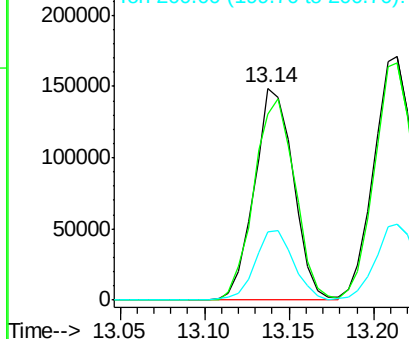


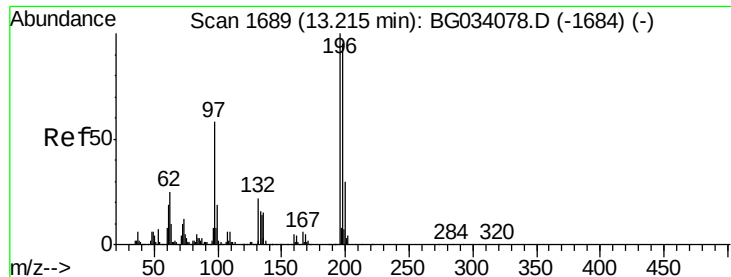
#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	87.8	78.2	117.2
200	32.4	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

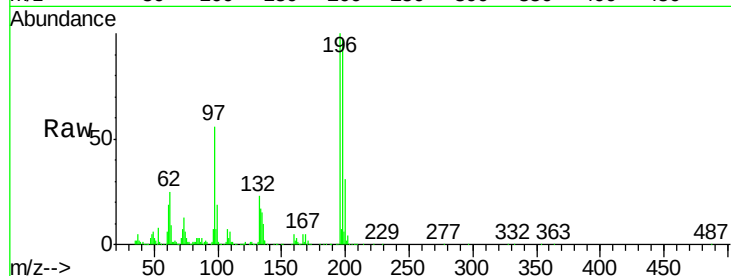




#43
2,4,5-Trichlorophenol
Concen: 41.76 ng
RT: 13.21 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	97.5	76.2	114.4	
97	55.8	38.7	58.1	
132	22.8	20.2	30.2	



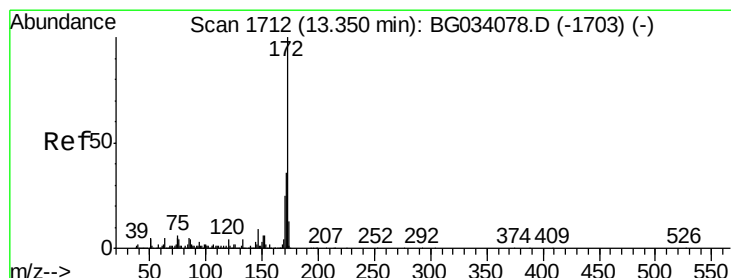
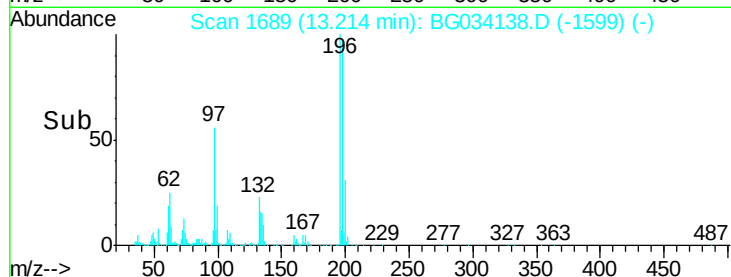
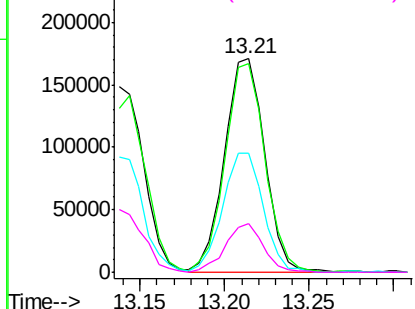
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

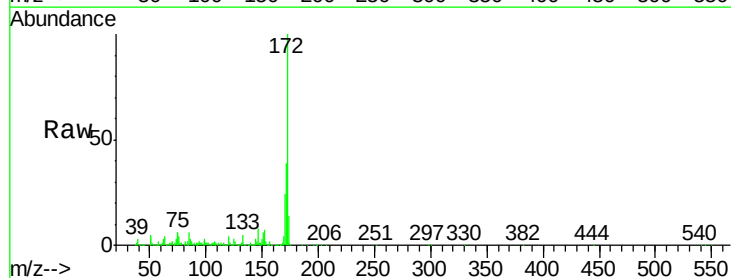
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 72.29 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.5	30.0	45.0	
170	24.4	19.5	29.3	

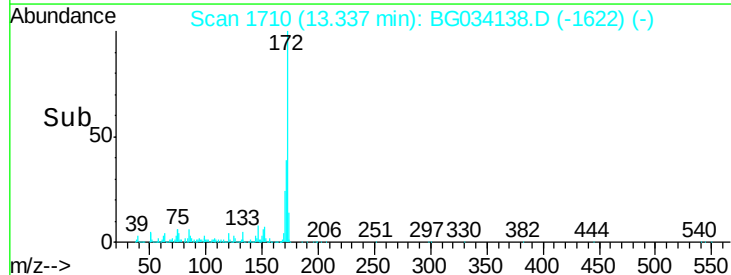
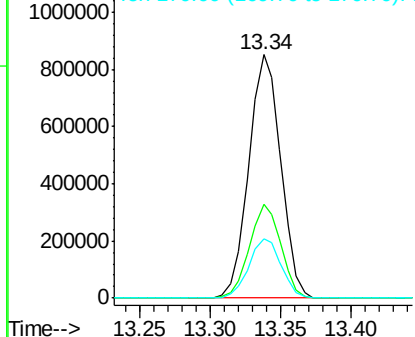


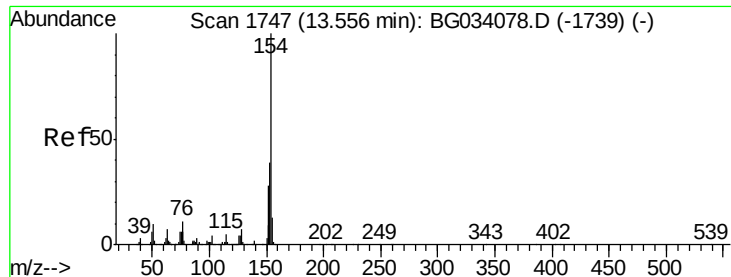
Abundance

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: 36.37 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

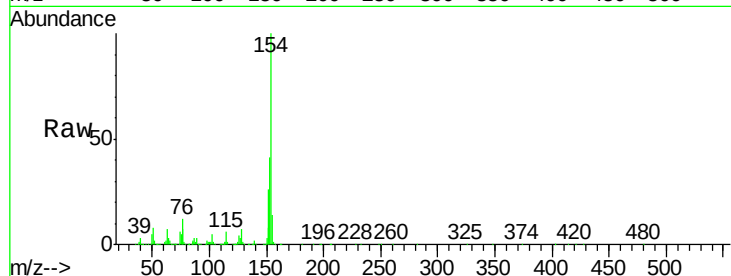
Tot Ion:154 Resp: 774088

Ion Ratio Lower Upper

154 100

153 40.8 19.8 59.8

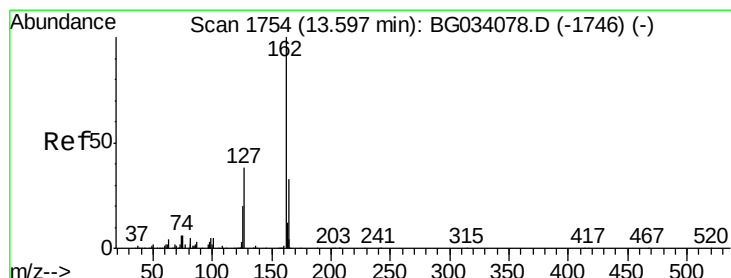
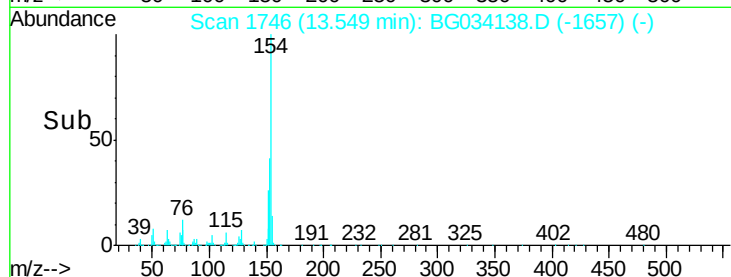
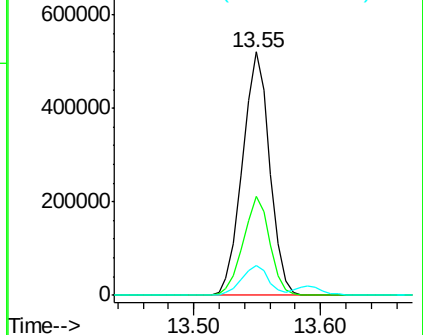
76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 36.82 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

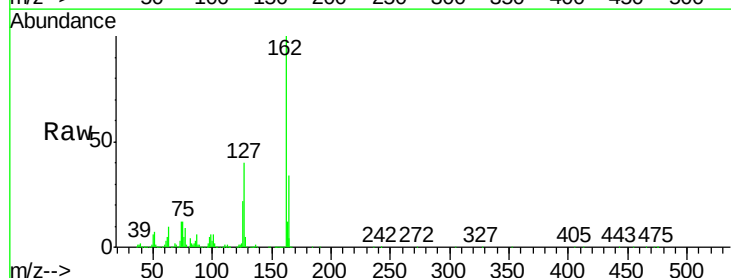
Tgt Ion:162 Resp: 593225

Ion Ratio Lower Upper

162 100

127 39.7 30.7 46.1

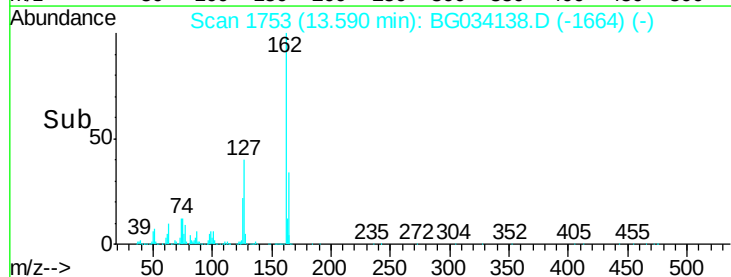
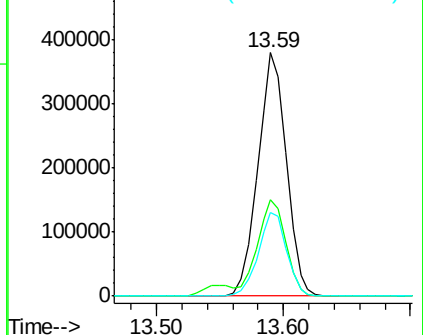
164 34.1 26.0 39.0

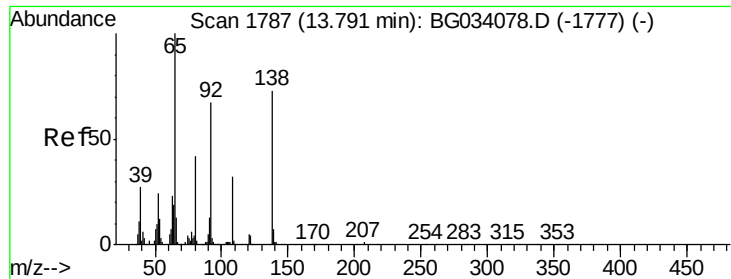


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.02 ng

RT: 13.79 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

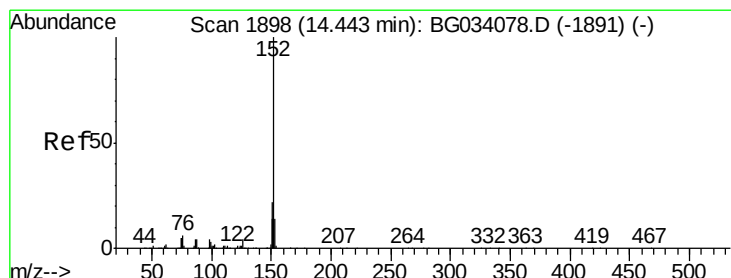
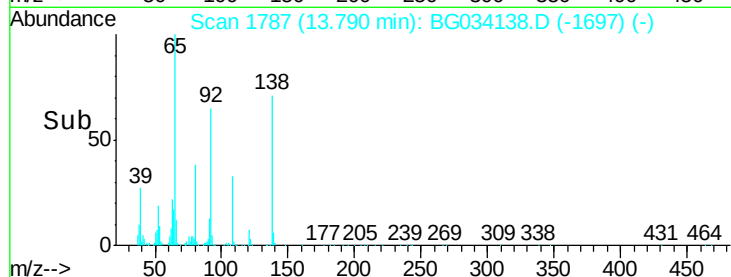
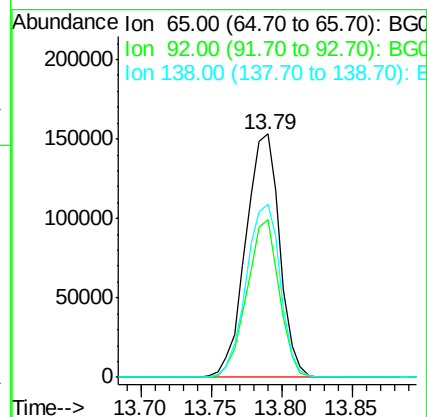
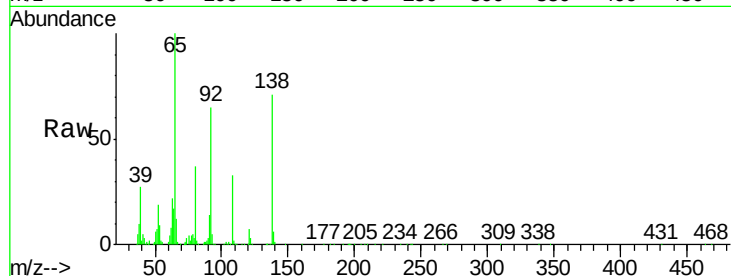
Tot Ion: 65 Resp: 257838

Ion Ratio Lower Upper

65 100

92 65.0 54.6 82.0

138 71.2 72.9 109.3#



#48

Acenaphthylene

Concen: 36.32 ng

RT: 14.44 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

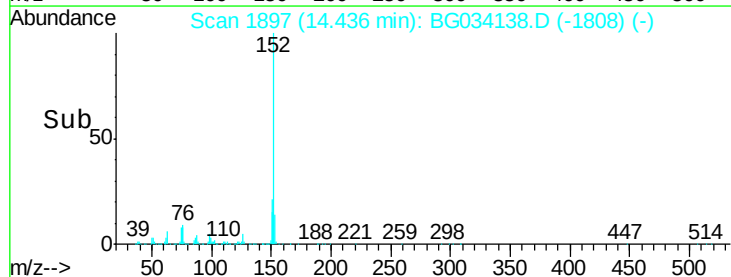
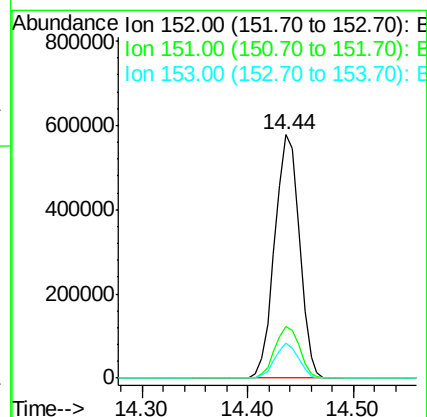
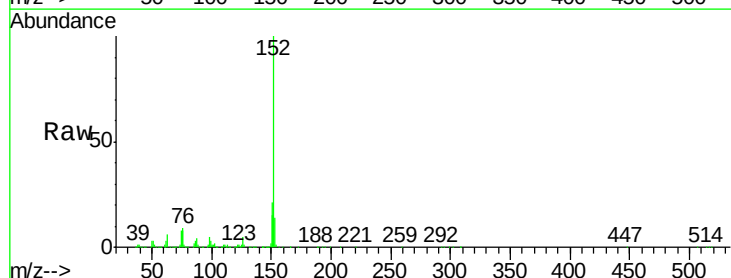
Tgt Ion: 152 Resp: 934430

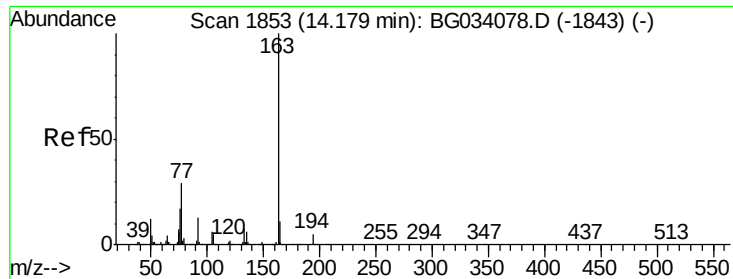
Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 35.71 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034138.D

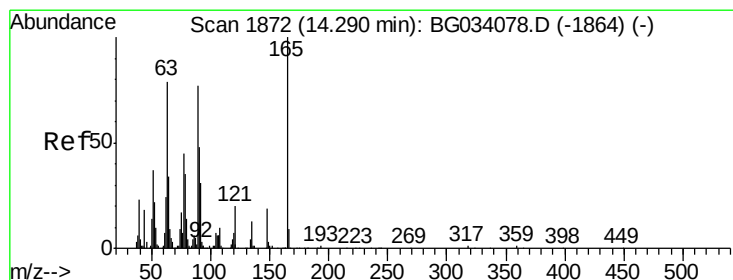
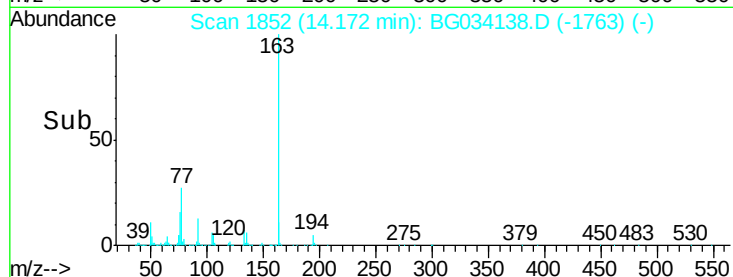
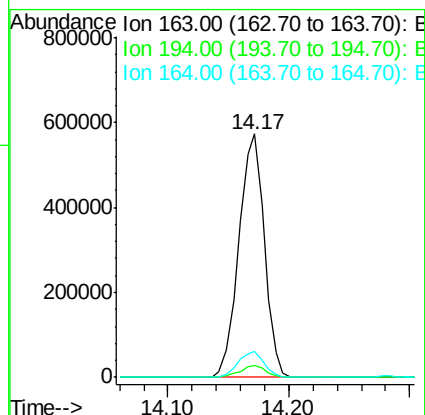
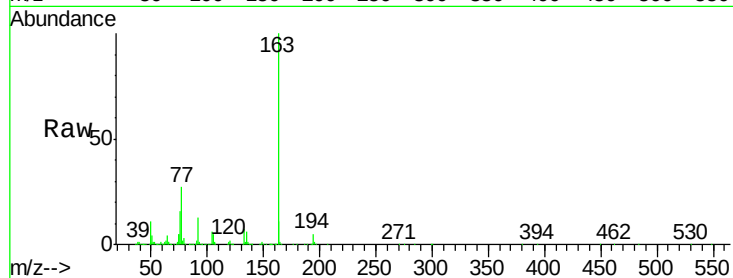
Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	843653
Ion Ratio	Lower	Upper
163	100	
194	4.8	3.4 5.2
164	10.6	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 40.80 ng

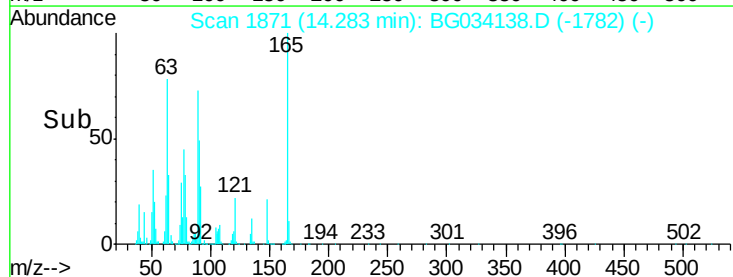
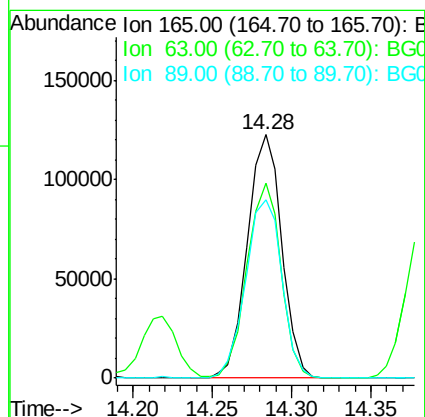
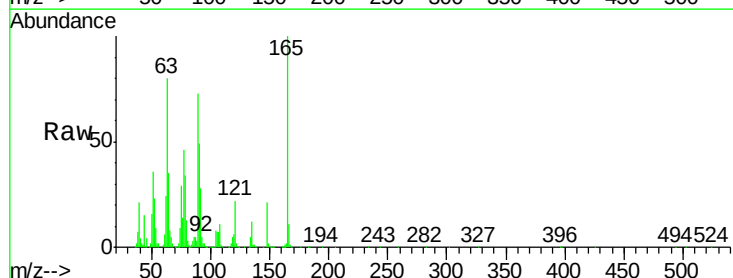
RT: 14.28 min Scan# 1871

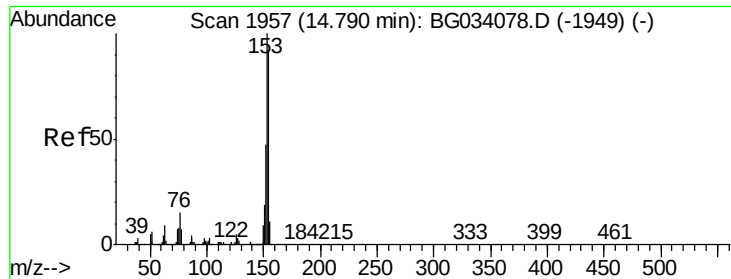
Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Tgt Ion:165	Resp:	185100
Ion Ratio	Lower	Upper
165	100	
63	80.0	52.7 79.1#
89	73.1	49.2 73.8





#51

Acenaphthene

Concen: 37.73 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

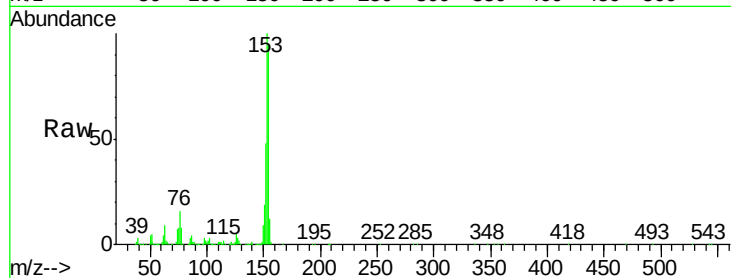
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 659723

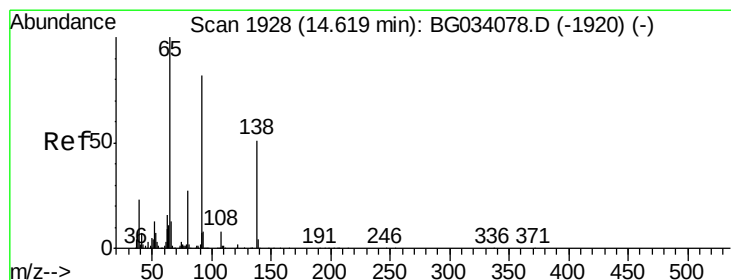
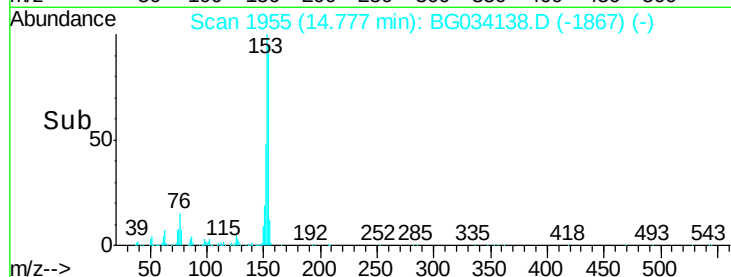
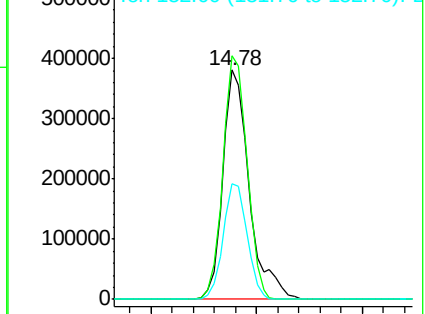
Ion	Ratio	Lower	Upper
154	100		
153	106.3	90.4	135.6
152	50.6	41.6	62.4



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: 38.53 ng

RT: 14.61 min Scan# 1927

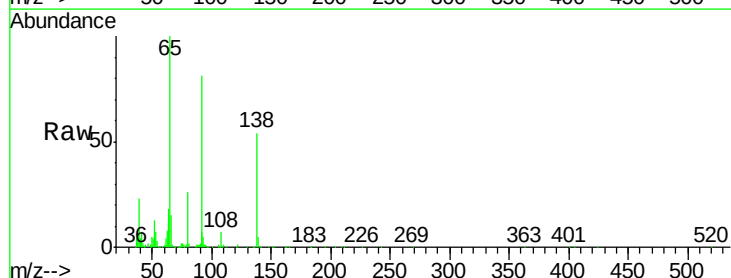
Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Tgt Ion:138 Resp: 176214

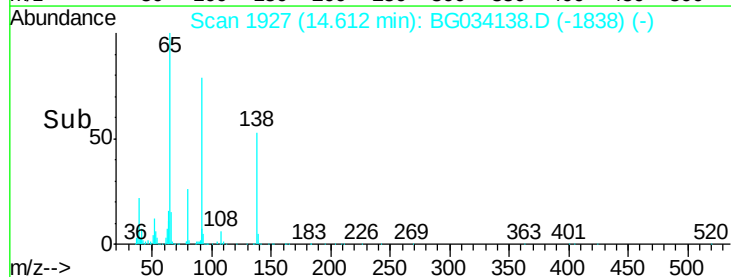
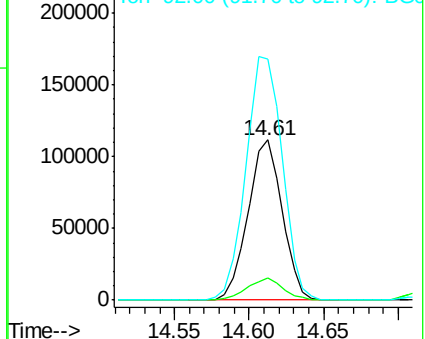
Ion	Ratio	Lower	Upper
138	100		
108	13.8	17.5	26.3#
92	151.2	105.8	158.8

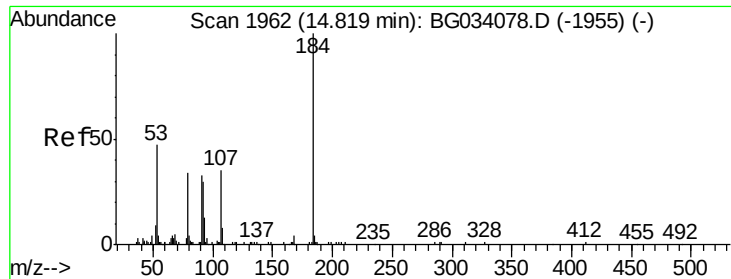


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

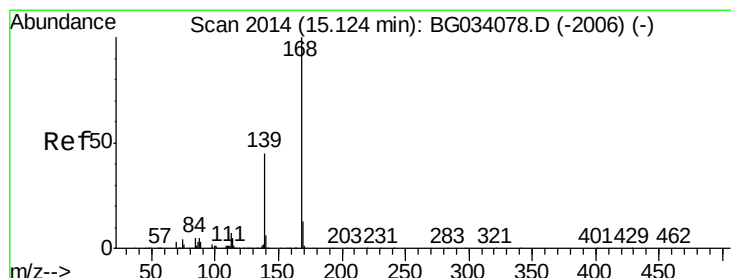
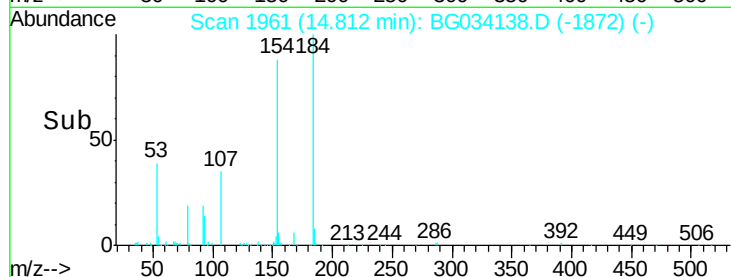
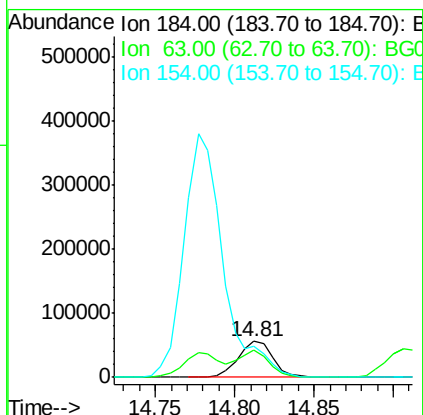
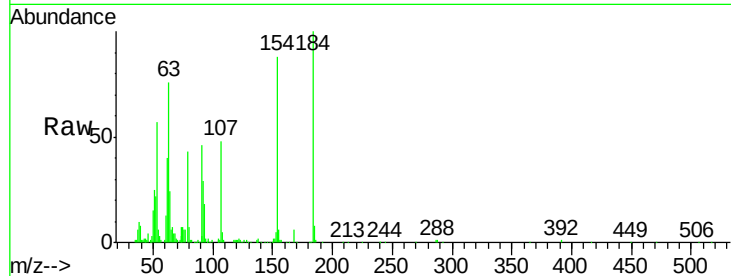




#53
2,4-Dinitrophenol
Concen: 47.59 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

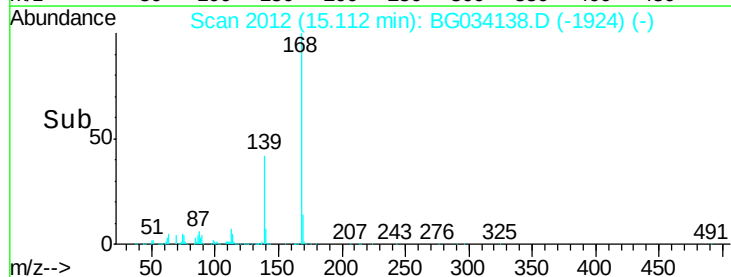
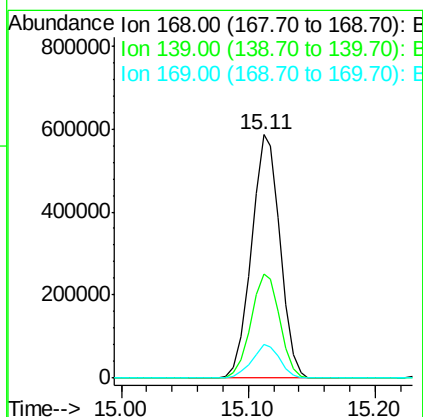
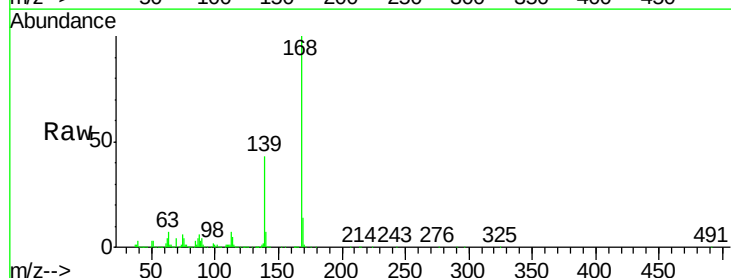
Instrument :
BNA_G
ClientSampleId :

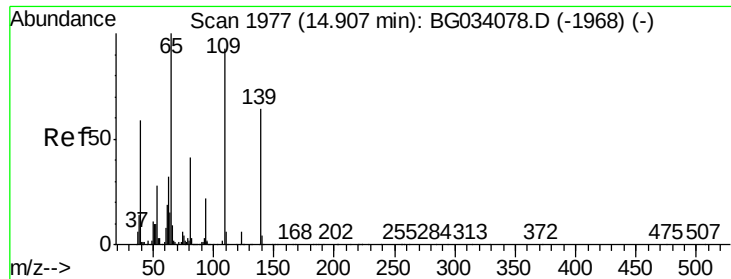
Tot Ion:184 Resp: 84469
Ion Ratio Lower Upper
184 100
63 75.9 59.8 89.8
154 87.8 101.8 152.8#



#54
Dibenzofuran
Concen: 36.16 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion:168 Resp: 916589
Ion Ratio Lower Upper
168 100
139 42.9 28.6 43.0
169 13.9 11.2 16.8





#55

4-Nitrophenol

Concen: 39.44 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

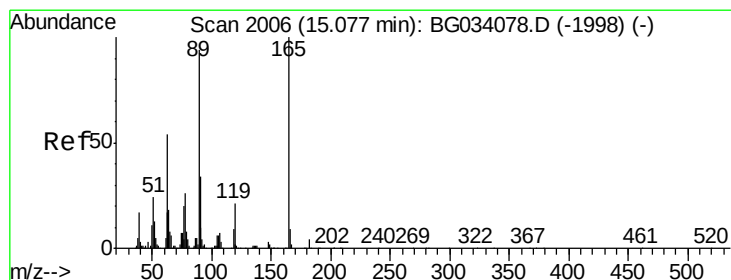
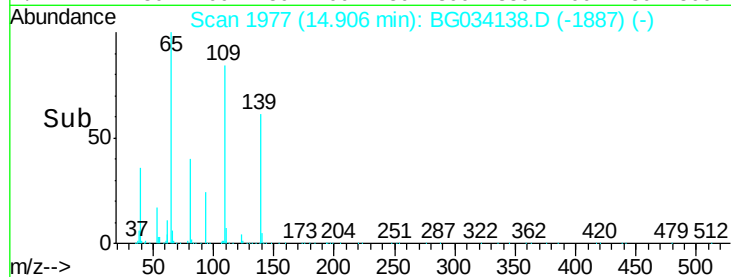
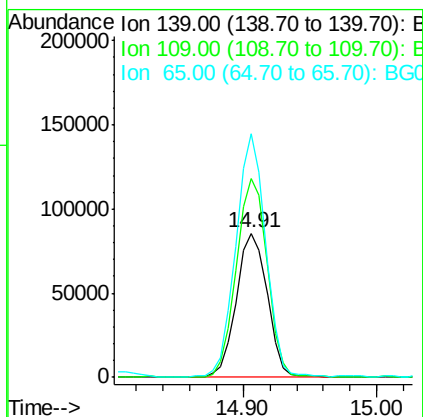
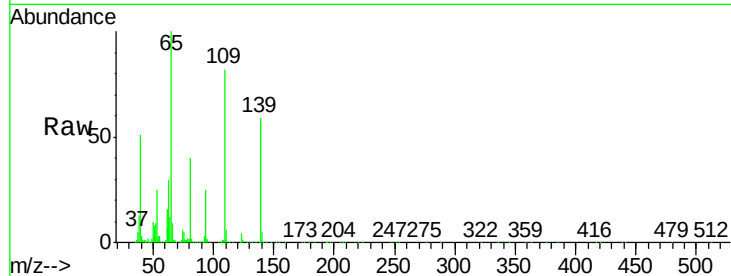
Tot Ion:139 Resp: 137685

Ion Ratio Lower Upper

139 100

109 138.0 62.2 102.2#

65 169.2 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 43.23 ng

RT: 15.07 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Tgt Ion:165 Resp: 266357

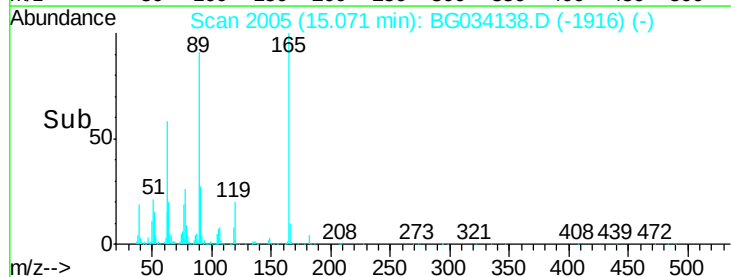
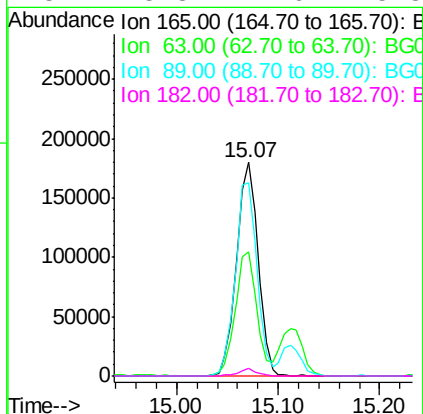
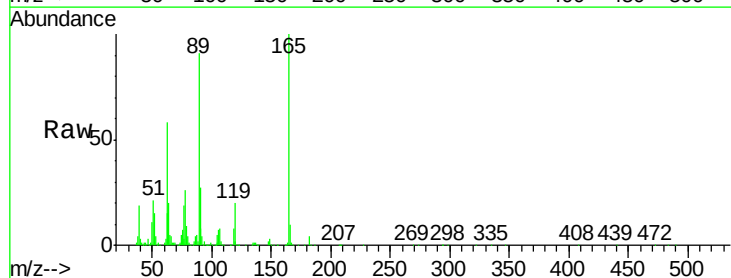
Ion Ratio Lower Upper

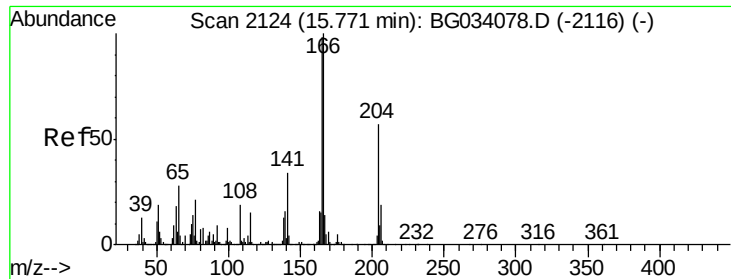
165 100

63 57.9 42.0 63.0

89 90.6 66.9 100.3

182 3.8 2.6 3.8

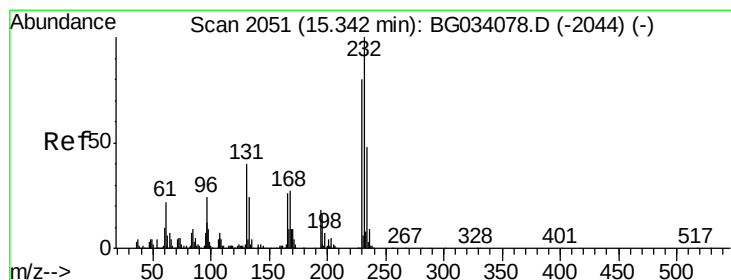
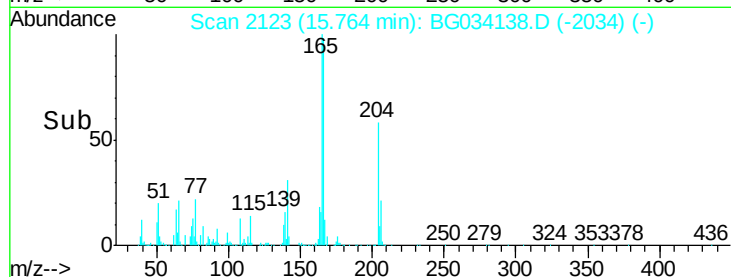
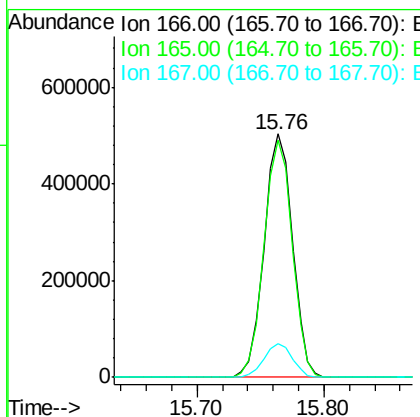
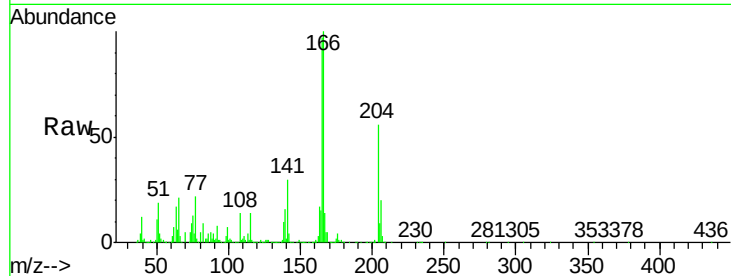




#57
 Fluorene
 Concen: 35.53 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

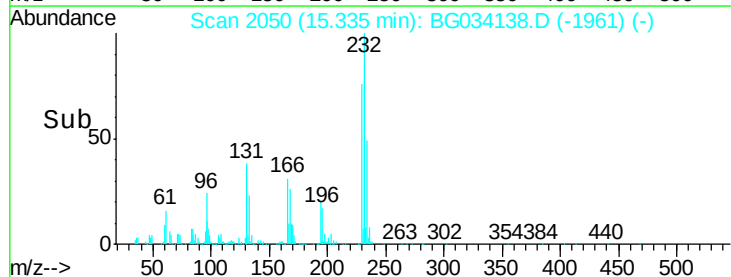
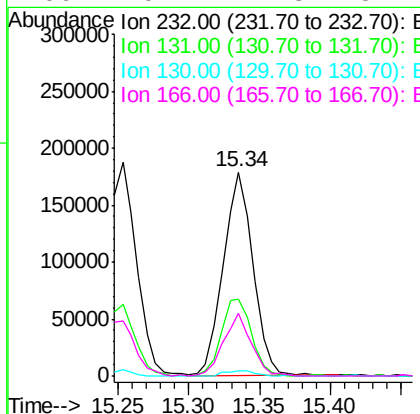
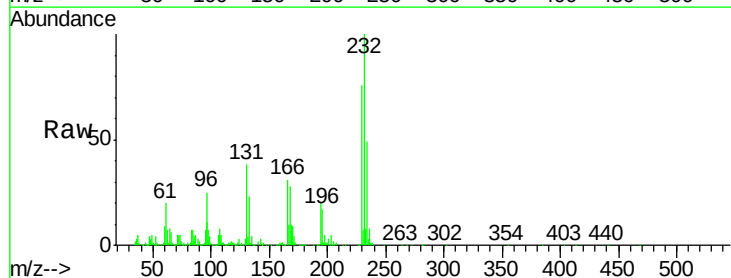
Instrument :
 BNA_G
 ClientSampleId :

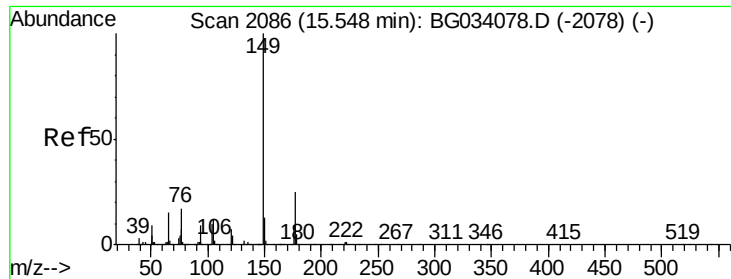
Tot Ion:166 Resp: 784942
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.6 121.0
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.14 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion:232 Resp: 260164
 Ion Ratio Lower Upper
 232 100
 131 38.6 33.5 50.3
 130 2.6 2.2 3.2
 166 29.2 24.8 37.2





#59

Diethylphthalate

Concen: 34.95 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

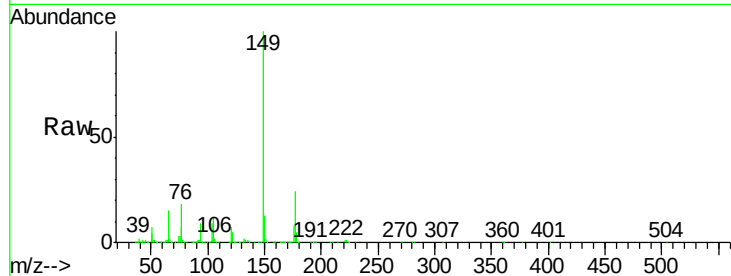
Tot Ion:149 Resp: 873801

Ion Ratio Lower Upper

149 100

177 23.6 18.5 27.7

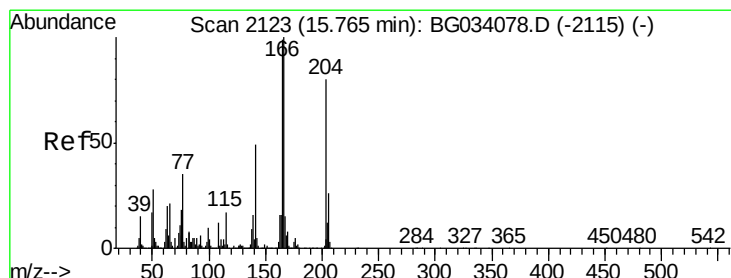
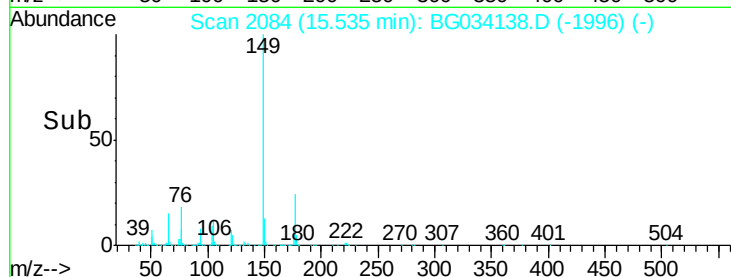
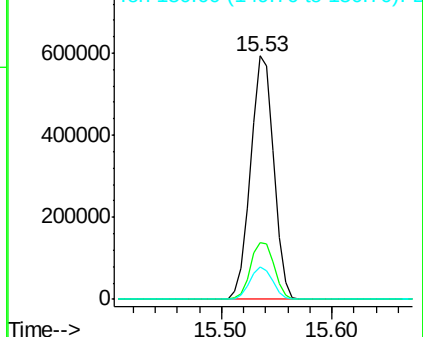
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.08 ng

RT: 15.76 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

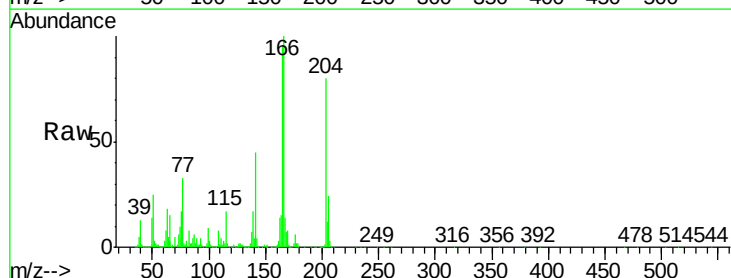
Tgt Ion:204 Resp: 487389

Ion Ratio Lower Upper

204 100

206 30.8 26.2 39.2

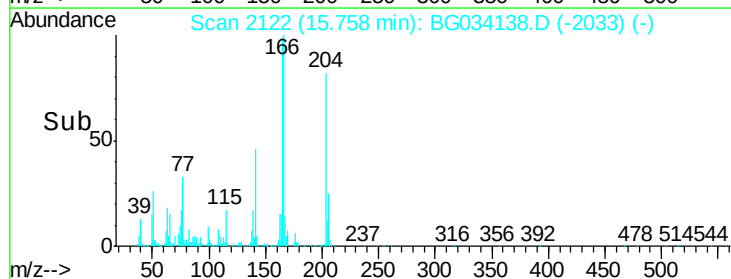
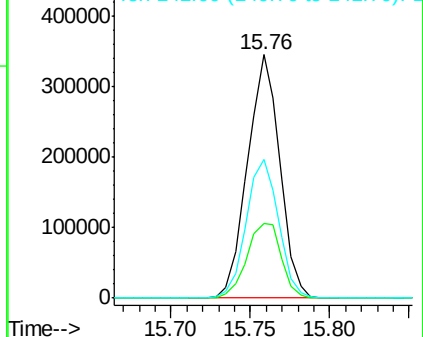
141 56.8 45.8 68.6

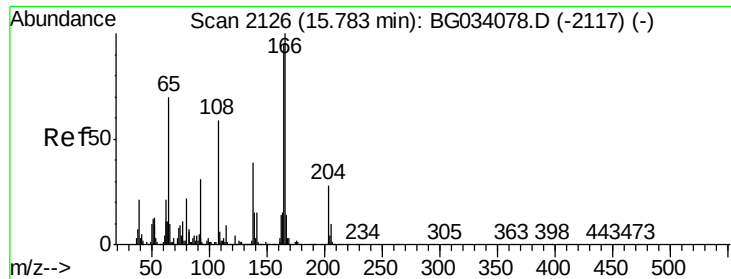


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

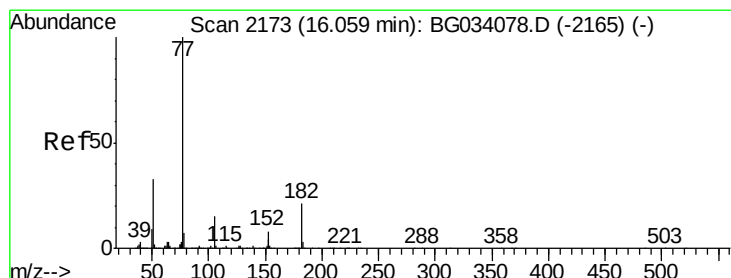
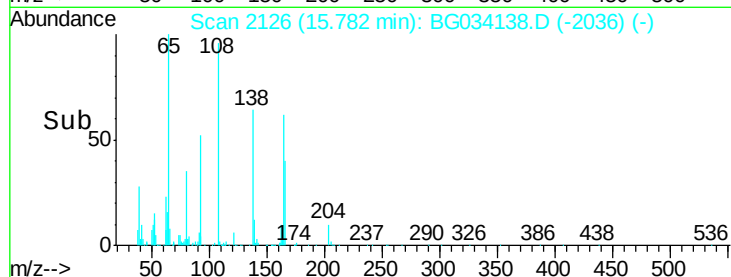
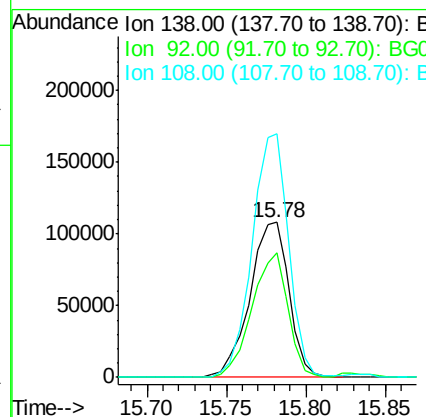
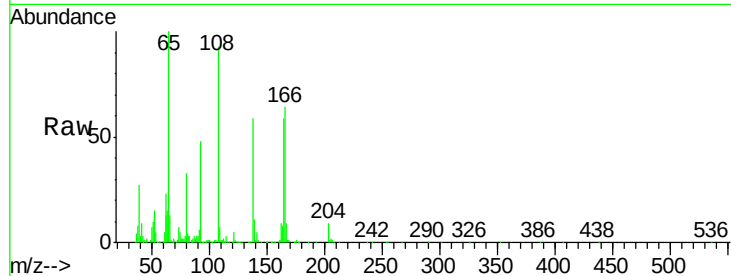




#61
4-Nitroaniline
Concen: 38.24 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

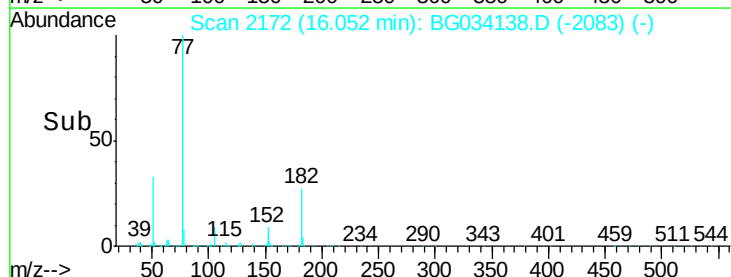
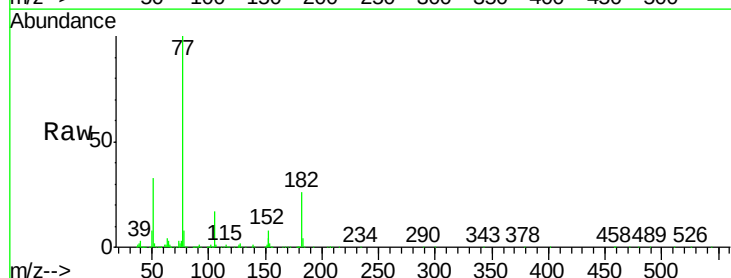
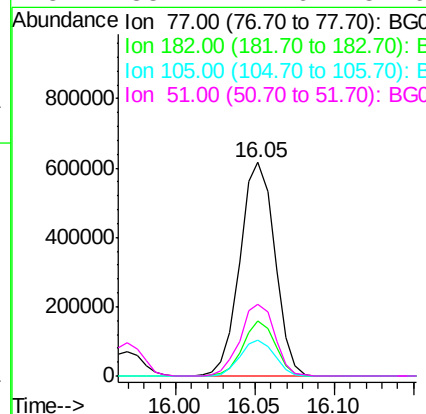
Instrument :
BNA_G
ClientSampled :

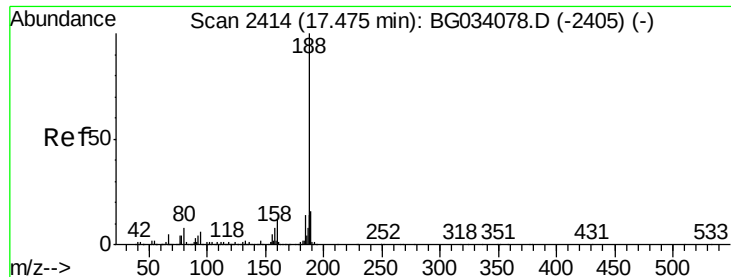
Tot Ion:138 Resp: 185521
Ion Ratio Lower Upper
138 100
92 80.7 40.1 80.1#
108 157.0 65.4 105.4#



#62
Azobenzene
Concen: 34.84 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion: 77 Resp: 940818
Ion Ratio Lower Upper
77 100
182 25.5 7.4 47.4
105 17.0 0.3 40.3
51 33.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

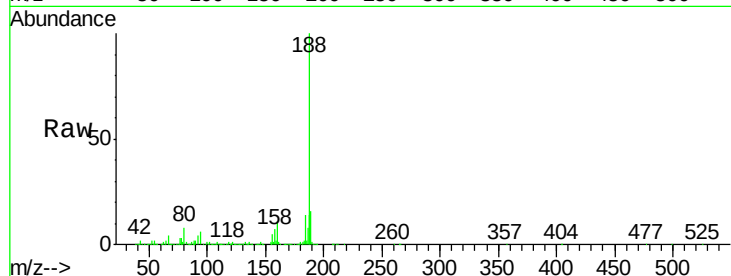
Tot Ion:188 Resp: 727855

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

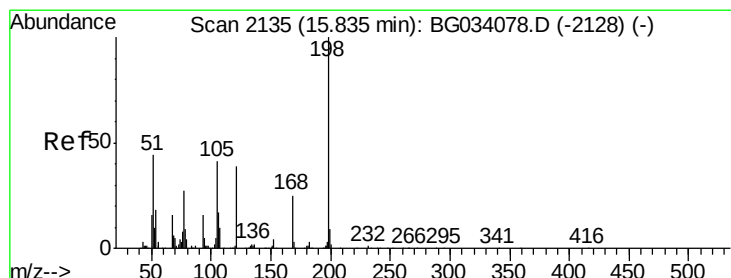
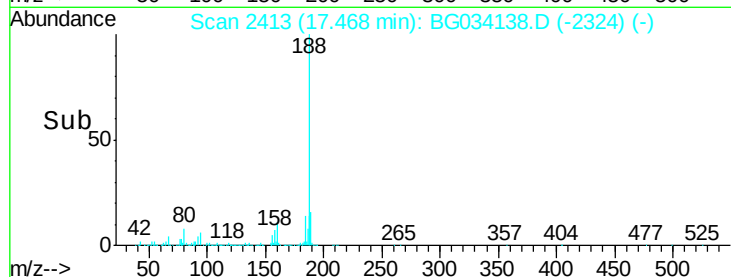
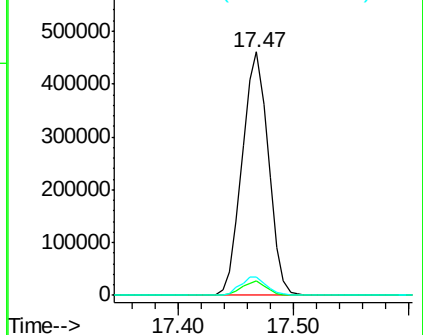
80 7.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.66 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

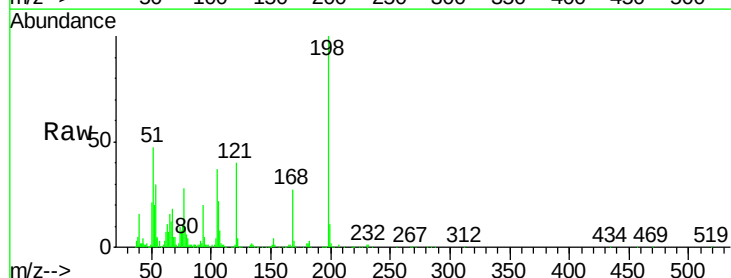
Tgt Ion:198 Resp: 152826

Ion Ratio Lower Upper

198 100

51 46.8 30.6 70.6

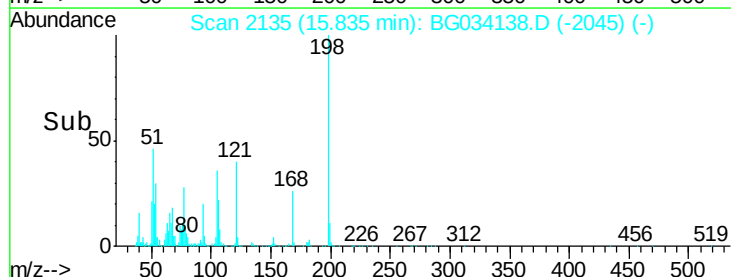
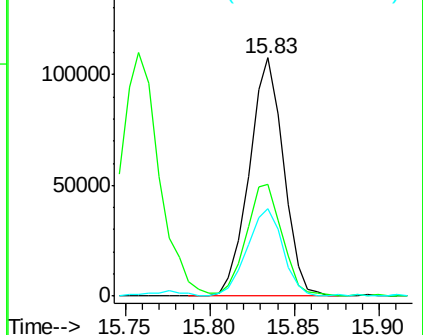
105 36.6 23.8 63.8

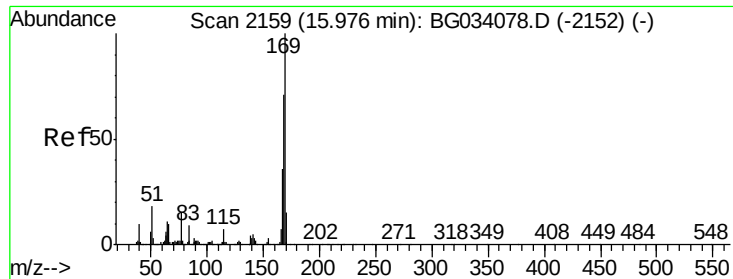


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

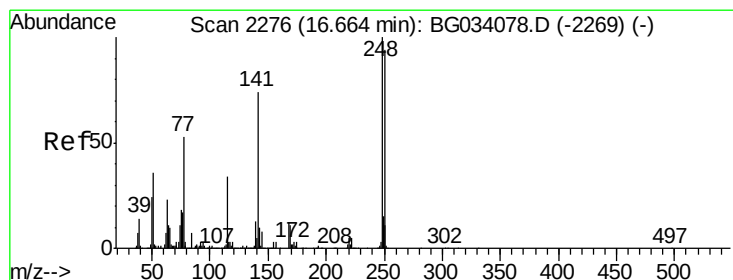
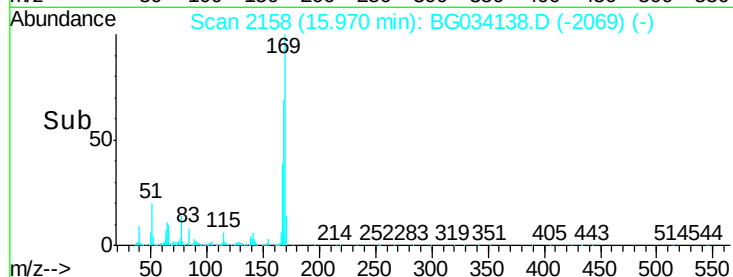
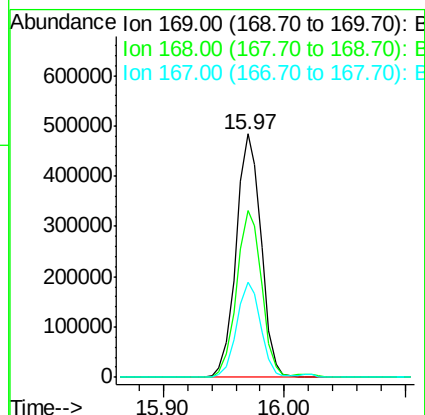
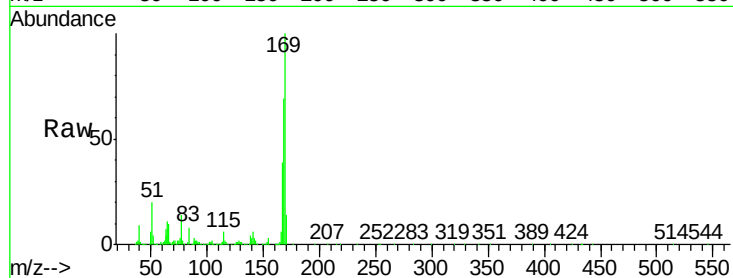




#65
 n-Nitrosodiphenylamine
 Concen: 34.99 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

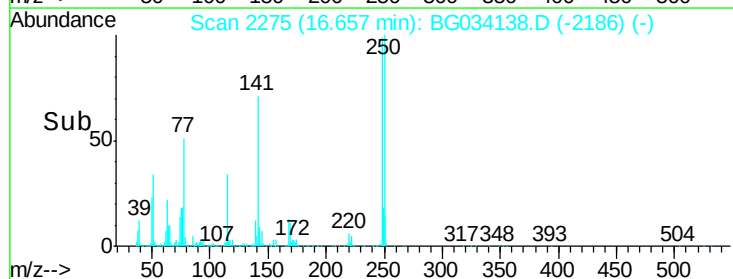
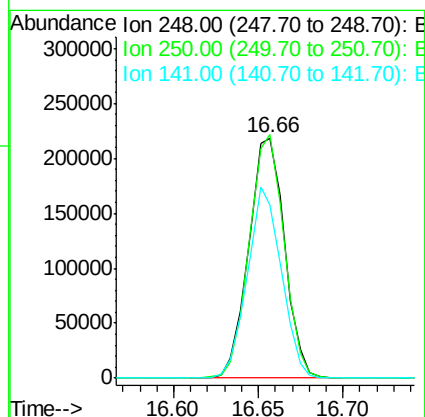
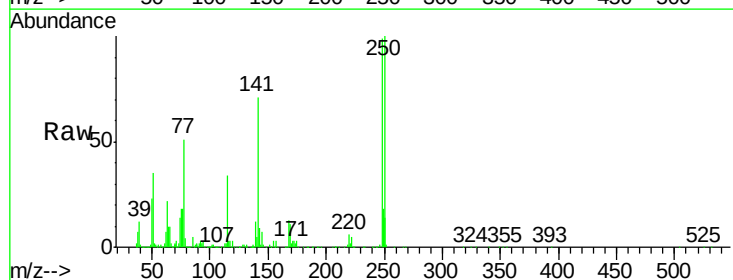
Instrument :
 BNA_G
 ClientSampleId :

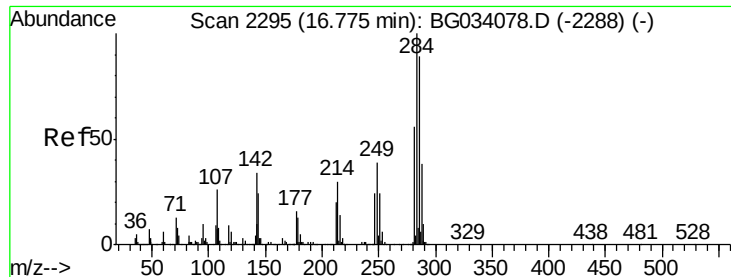
Tot Ion:169 Resp: 694380
 Ion Ratio Lower Upper
 169 100
 168 68.5 55.7 83.5
 167 39.1 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 35.76 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion:248 Resp: 323186
 Ion Ratio Lower Upper
 248 100
 250 101.5 77.1 115.7
 141 72.1 50.8 76.2

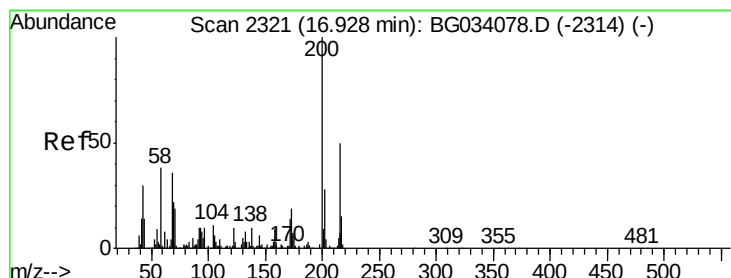
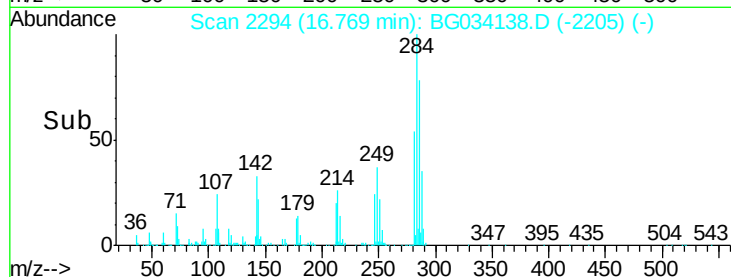
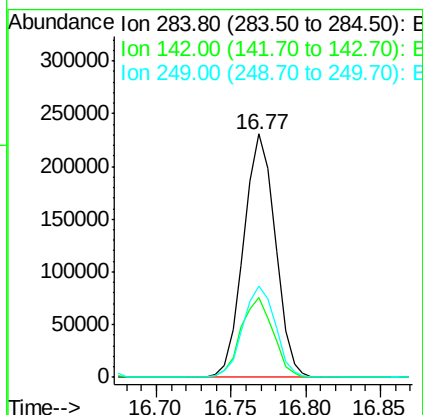
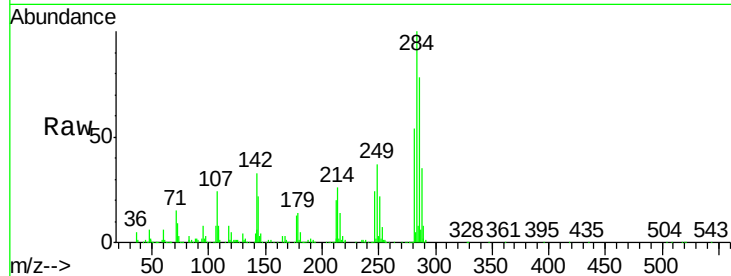




#67
Hexachlorobenzene
Concen: 37.01 ng
RT: 16.77 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

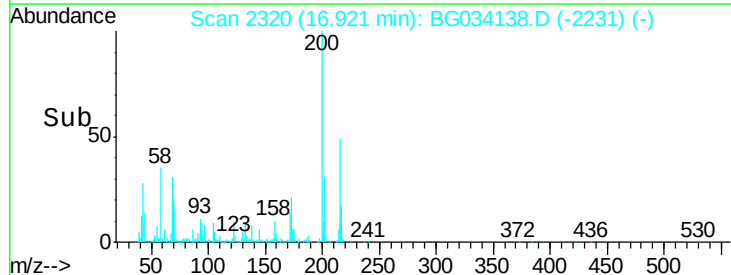
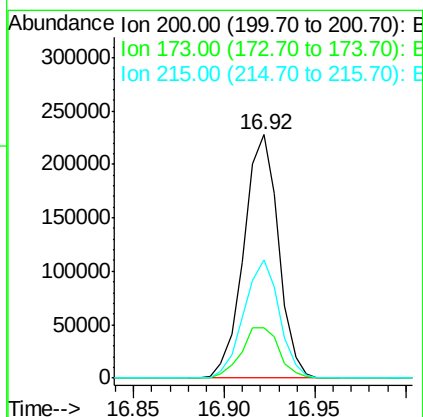
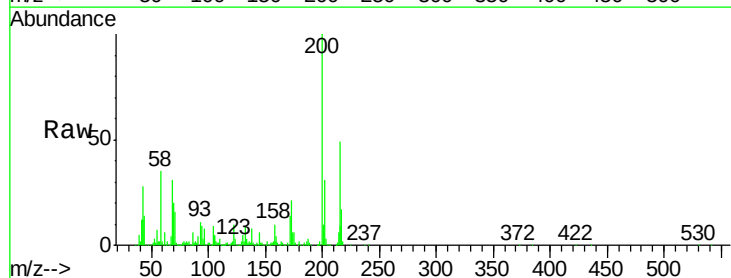
Instrument :
BNA_G
ClientSampleId :

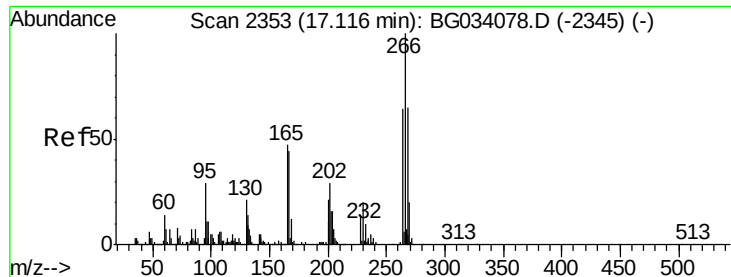
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.9	26.8	40.2
249	37.3	26.3	39.5



#68
Atrazine
Concen: 33.48 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	20.9	5.2	45.2
215	48.8	30.4	70.4





#69

Pentachlorophenol

Concen: 38.98 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

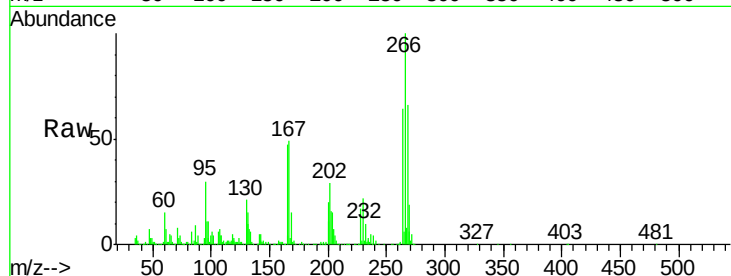
Tot Ion:266 Resp: 249250

Ion Ratio Lower Upper

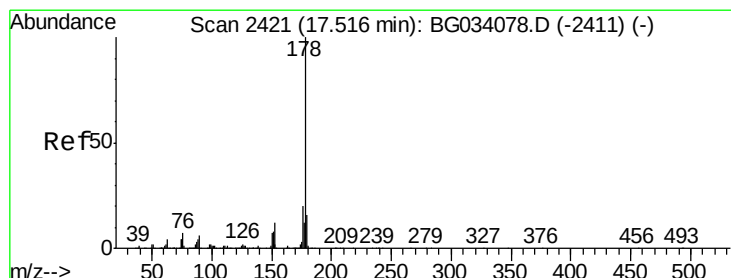
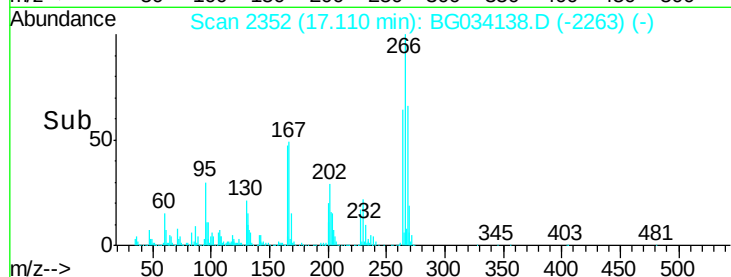
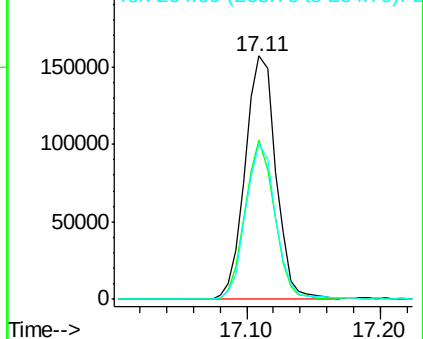
266 100

268 65.6 51.1 76.7

264 63.7 49.6 74.4



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



#70

Phenanthrene

Concen: 35.10 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

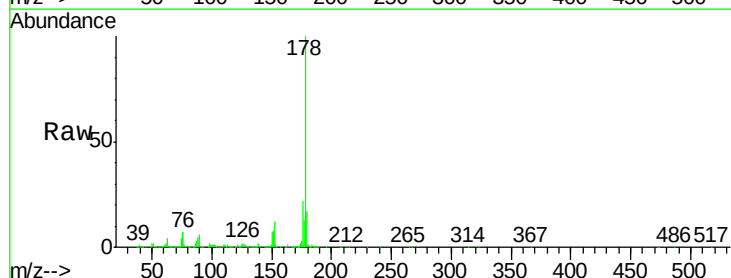
Tgt Ion:178 Resp: 1312858

Ion Ratio Lower Upper

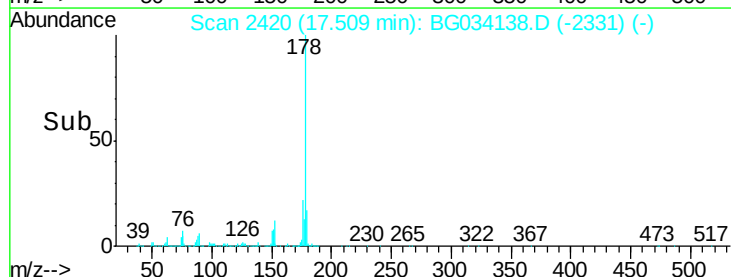
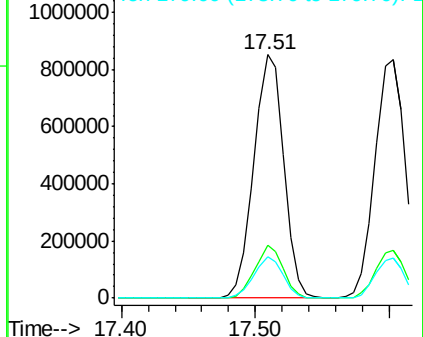
178 100

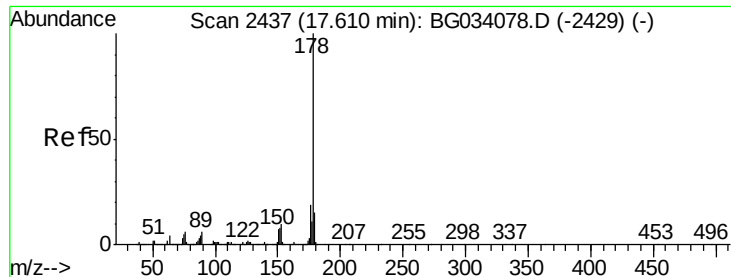
176 21.8 15.7 23.5

179 17.0 12.5 18.7



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

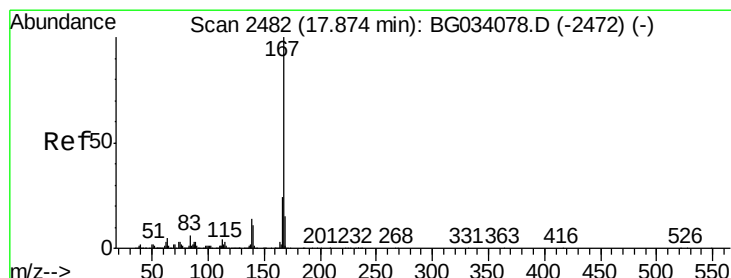
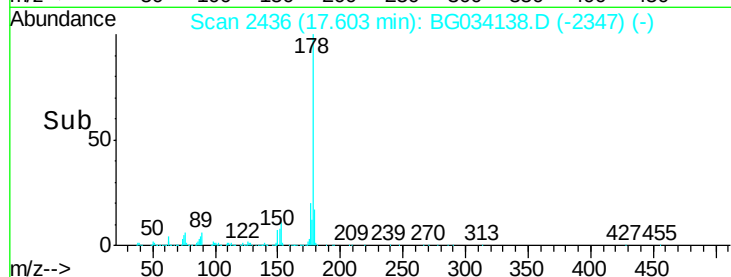
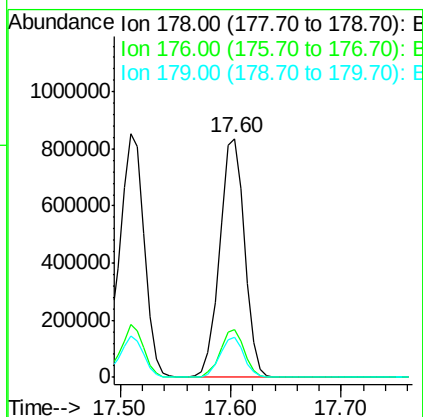
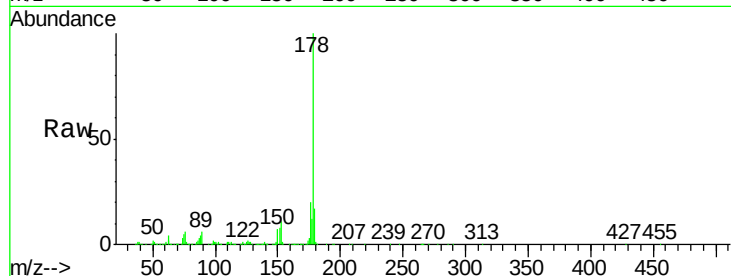




#71
 Anthracene
 Concen: 34.59 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

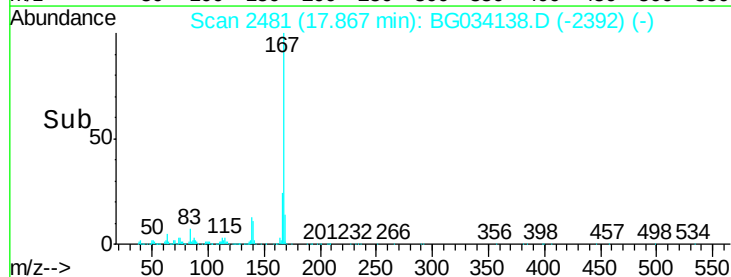
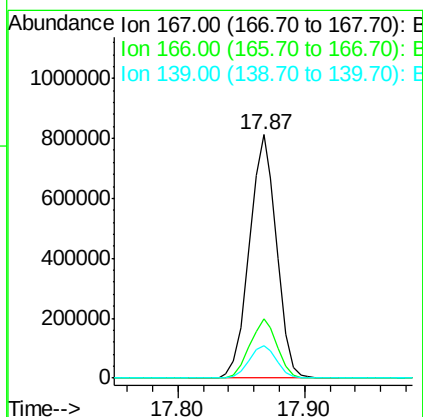
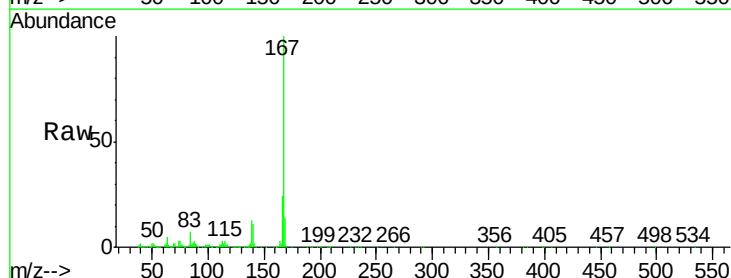
Instrument :
 BNA_G
 ClientSampled :

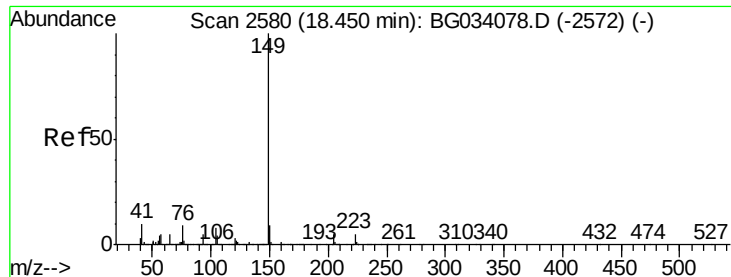
Tot Ion:178 Resp: 1311084
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 34.75 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion:167 Resp: 1205854
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.2 27.4
 139 13.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 34.35 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

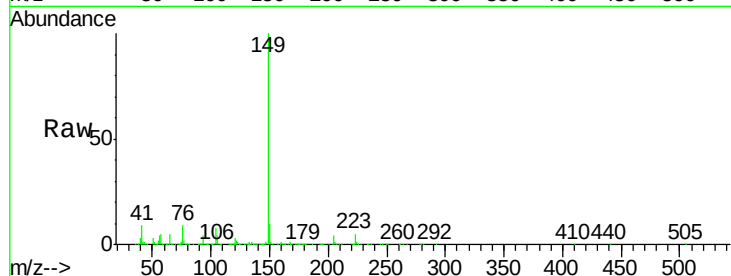
Tot Ion:149 Resp: 1434736

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

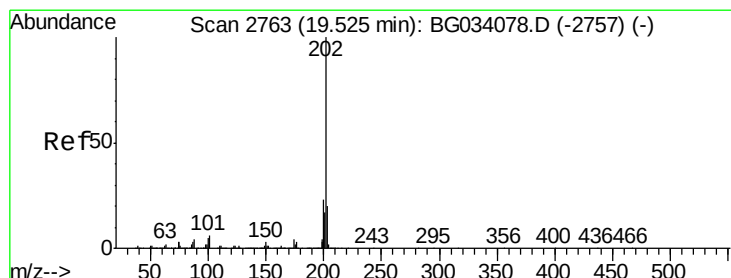
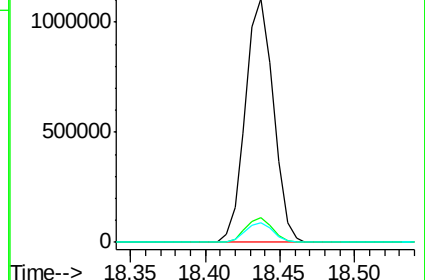
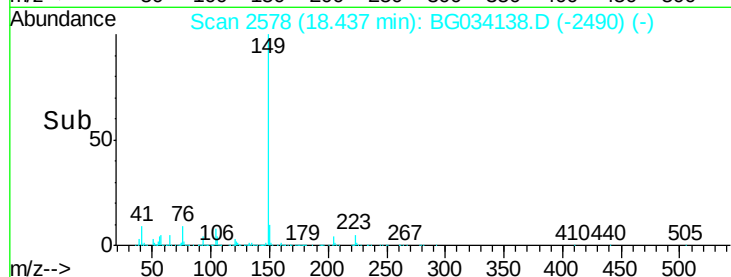
104 8.2 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.29 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

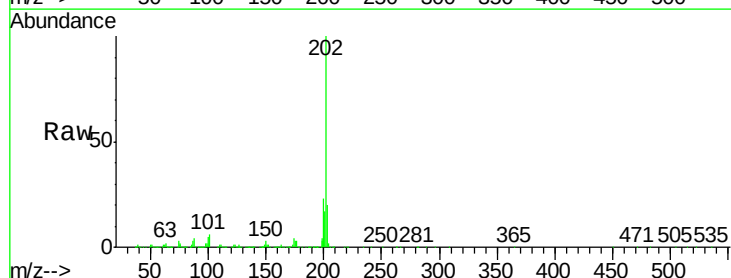
Tgt Ion:202 Resp: 1667819

Ion Ratio Lower Upper

202 100

101 6.1 0.0 28.9

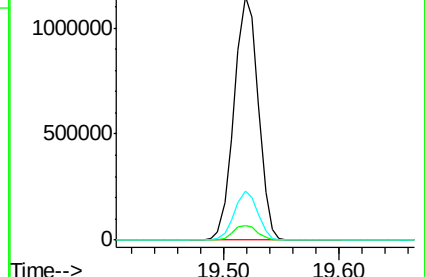
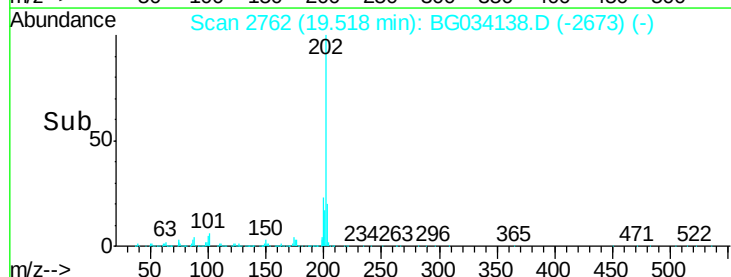
203 19.9 0.0 37.5

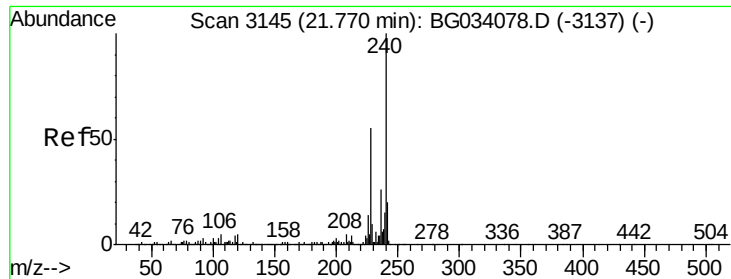


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

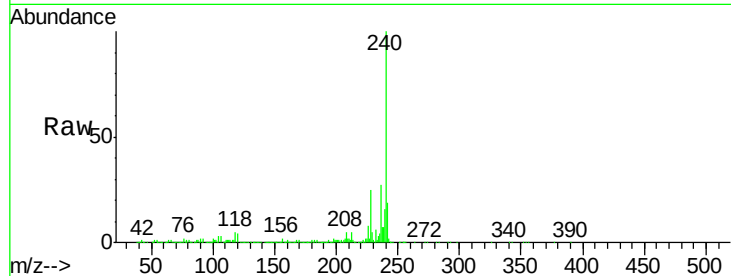
Tot Ion:240 Resp: 761113

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

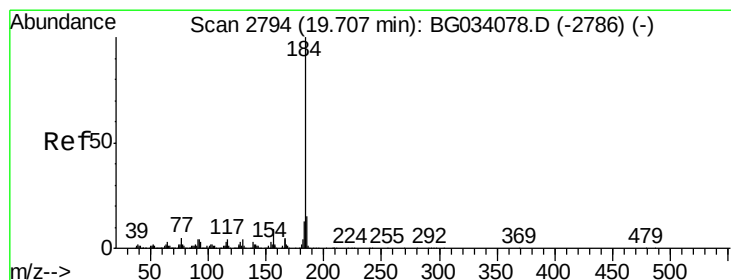
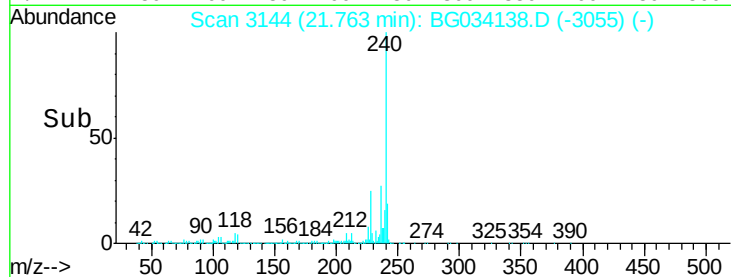
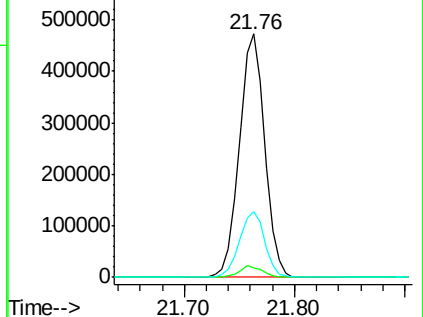
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.61 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

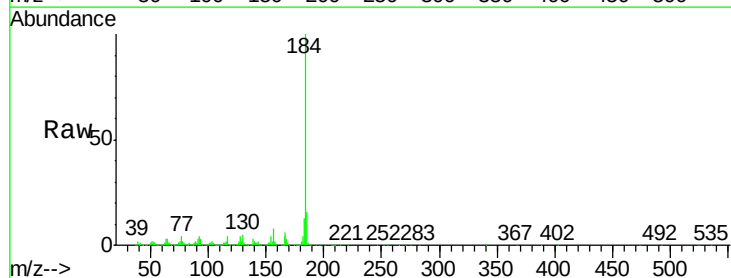
Tgt Ion:184 Resp: 874575

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

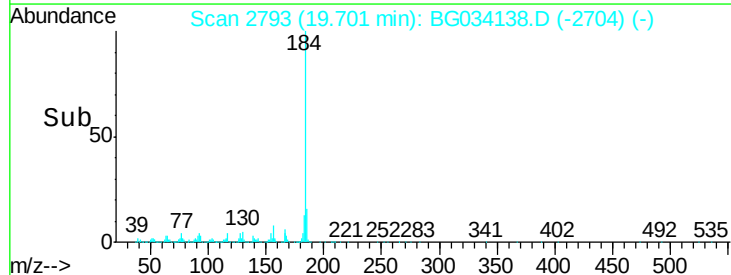
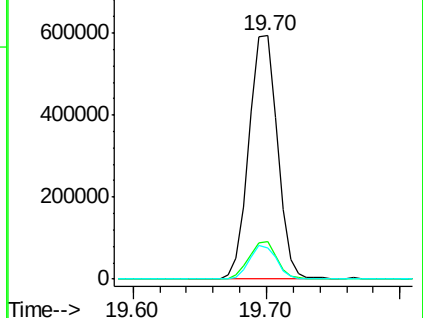
183 12.9 10.6 16.0

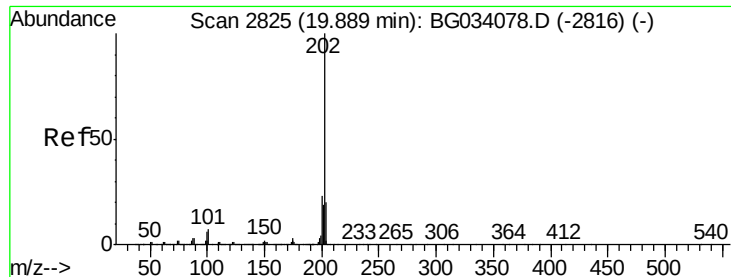


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.38 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

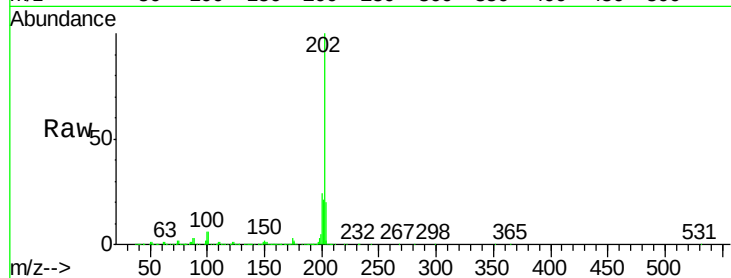
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1687271

Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.9	25.3
203	19.6	13.9	20.9

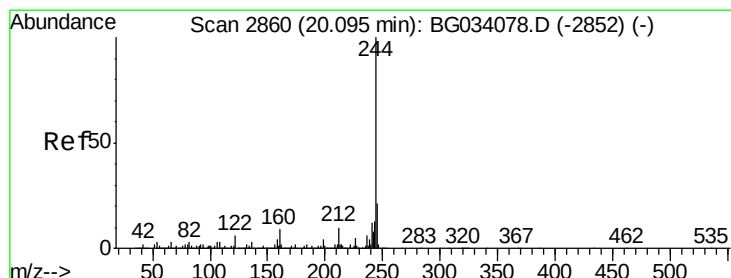
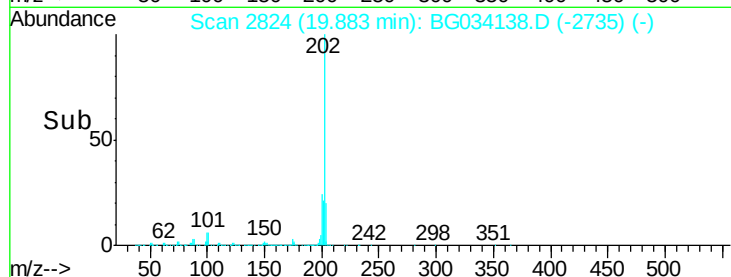
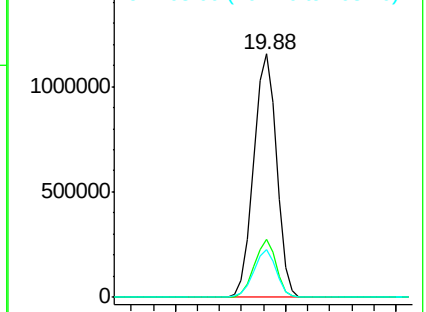


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.02 ng

RT: 20.08 min Scan# 2858

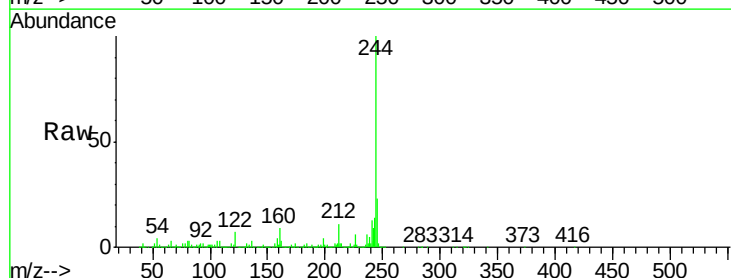
Delta R.T. -0.01 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Tgt Ion:244 Resp: 2432791

Ion	Ratio	Lower	Upper
244	100		
212	10.6	5.8	8.8#
122	6.6	7.0	10.4#

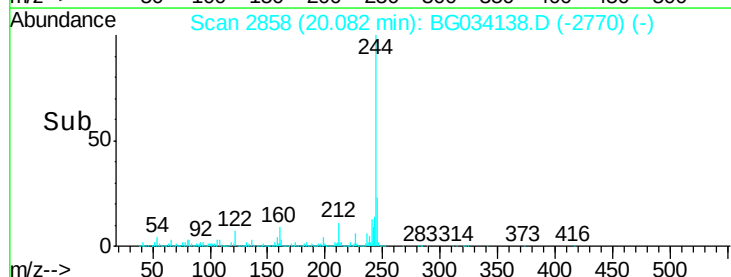
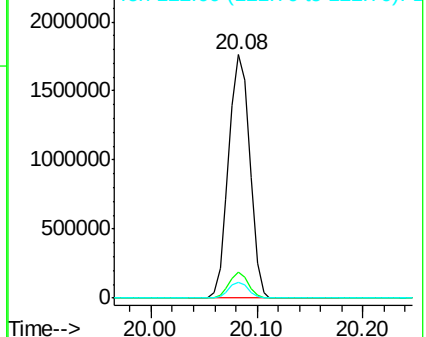


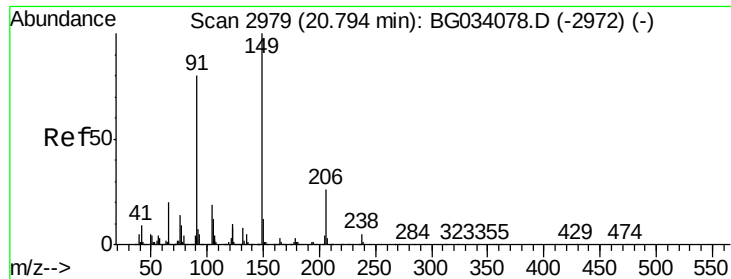
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

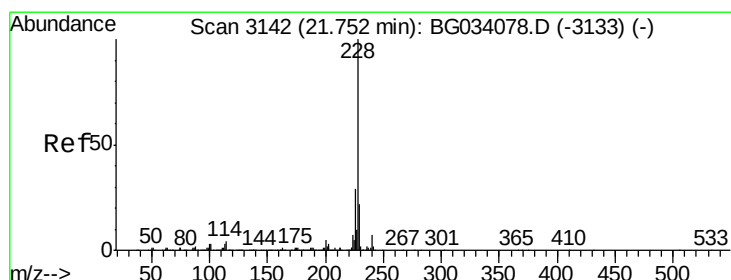
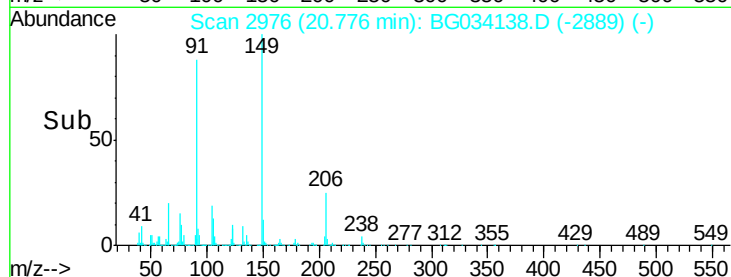
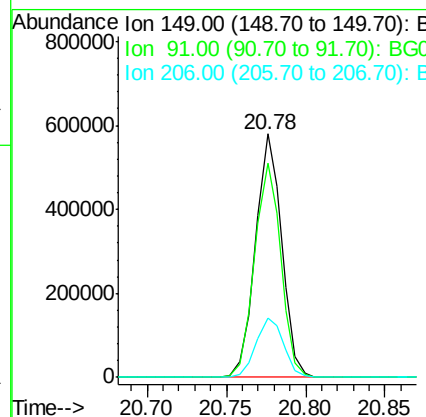
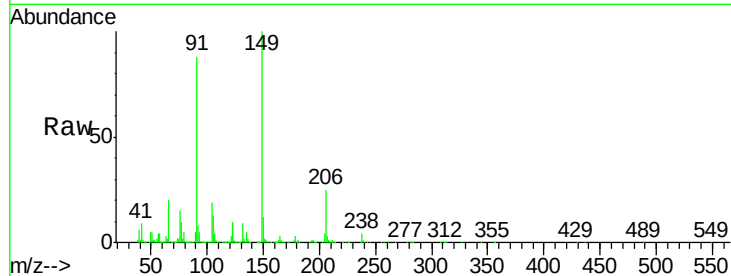




#79
Butylbenzylphthalate
Concen: 35.73 ng
RT: 20.78 min Scan# 2976
Delta R.T. -0.02 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

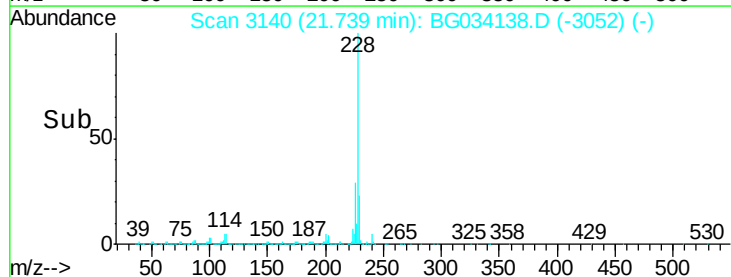
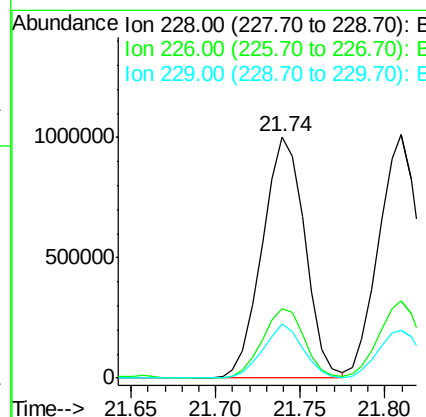
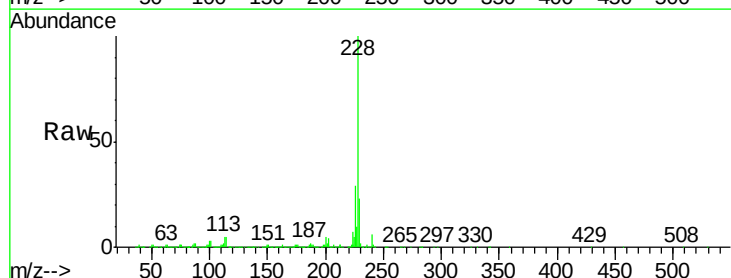
Instrument :
BNA_G
ClientSampleId :

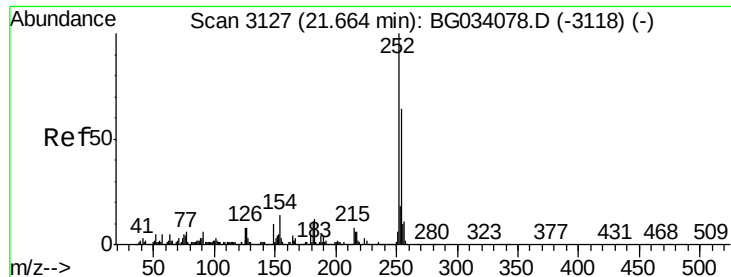
Tot Ion	Ratio	Lower	Upper
149	100		
91	87.7	62.2	93.2
206	24.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 36.04 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	22.7	16.2	24.2

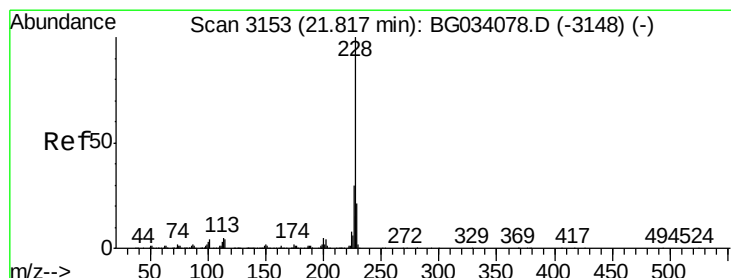
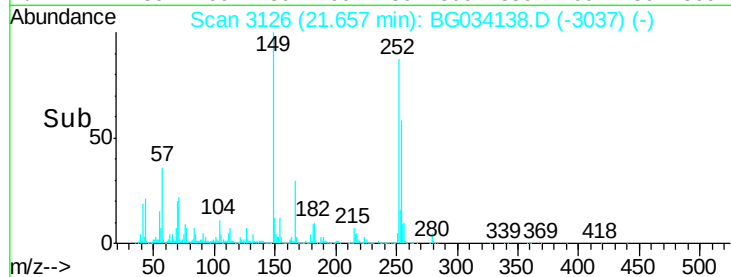
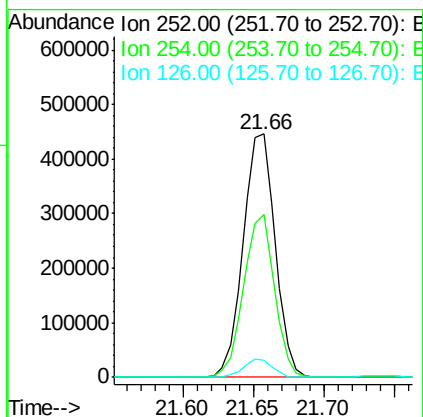
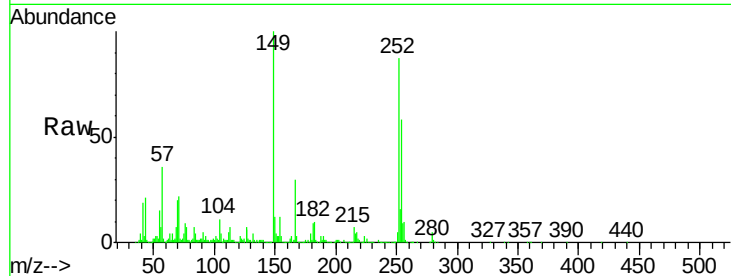




#81
 3,3'-Dichlorobenzidine
 Concen: 38.54 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

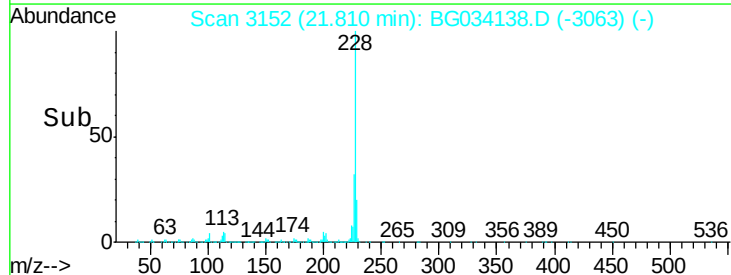
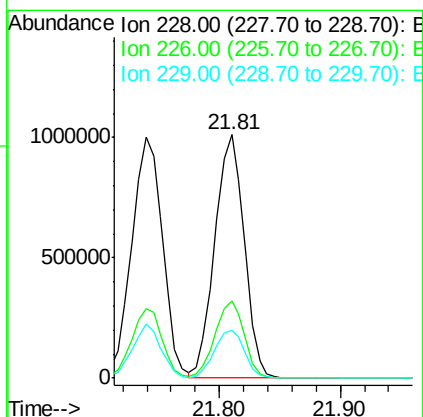
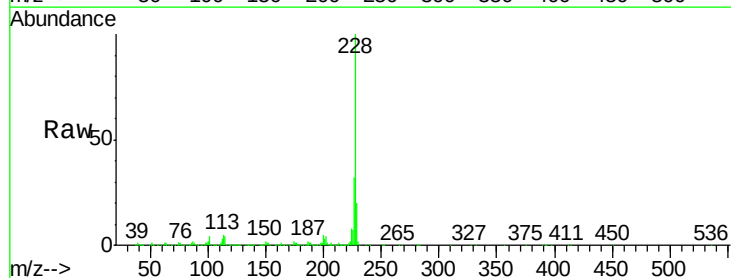
Instrument :
 BNA_G
 ClientSampleId :

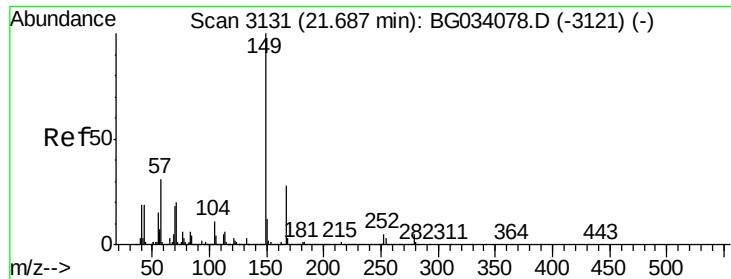
Tot Ion:252 Resp: 710869
 Ion Ratio Lower Upper
 252 100
 254 66.8 50.8 76.2
 126 6.9 7.4 11.2#



#82
 Chrysene
 Concen: 36.30 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion:228 Resp: 1694844
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 19.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.09 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

Instrument :

BNA_G

ClientSampleId :

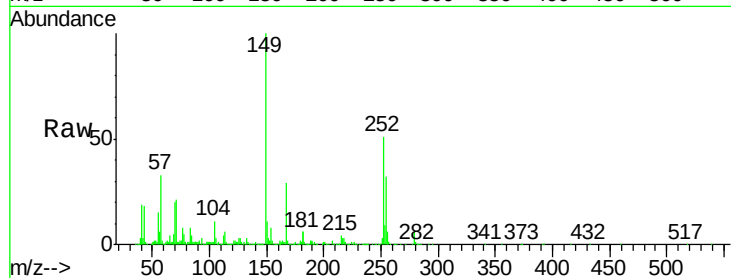
Tot Ion:149 Resp: 899038

Ion Ratio Lower Upper

149 100

167 28.7 24.3 36.5

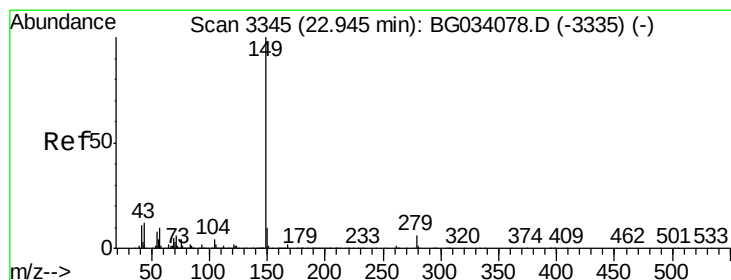
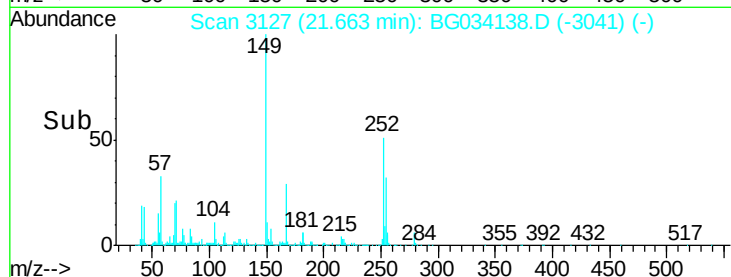
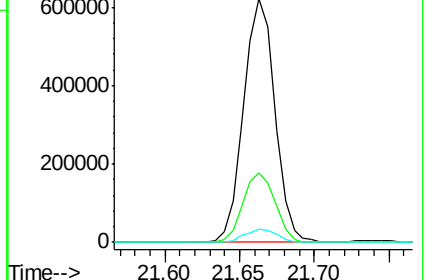
279 5.6 4.0 6.0



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: 35.68 ng

RT: 22.91 min Scan# 3340

Delta R.T. -0.03 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

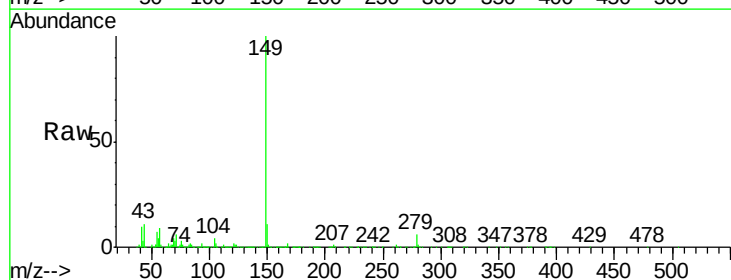
Tgt Ion:149 Resp: 1459936

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

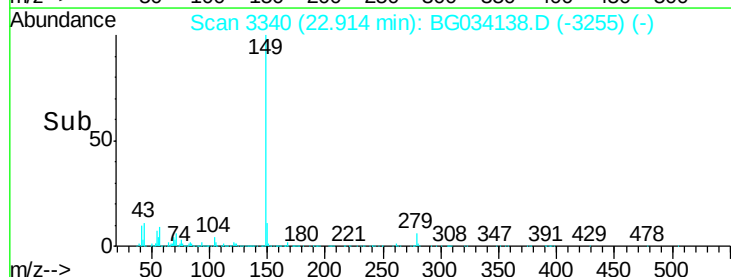
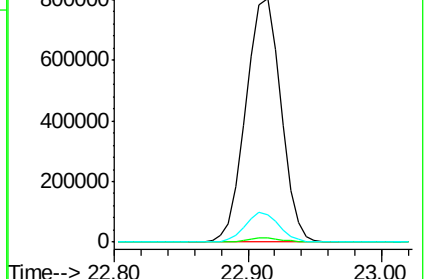
43 11.7 8.9 13.3

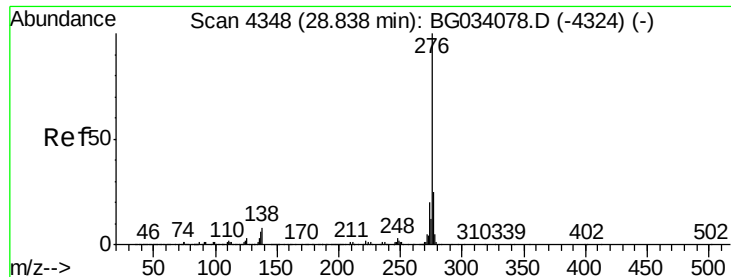


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

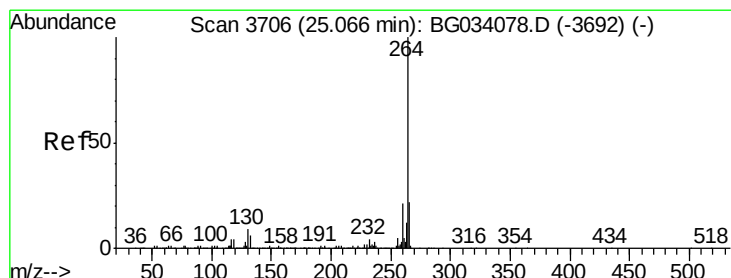
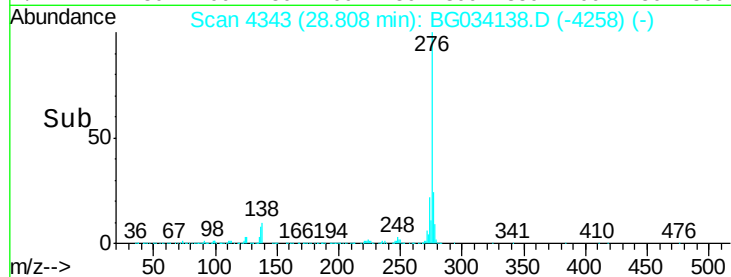
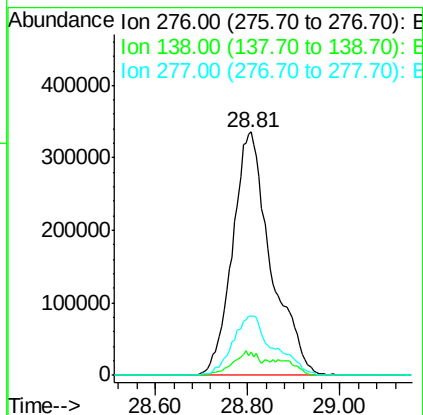
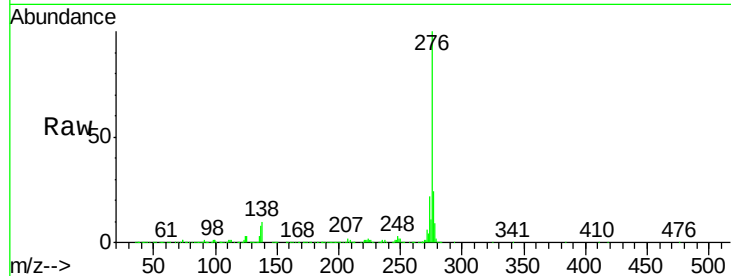




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.73 ng
 RT: 28.81 min Scan# 4343
 Delta R.T. -0.03 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

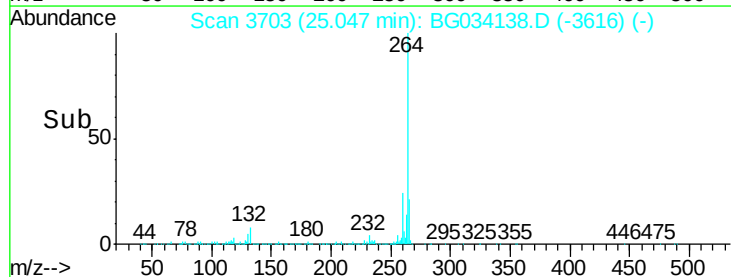
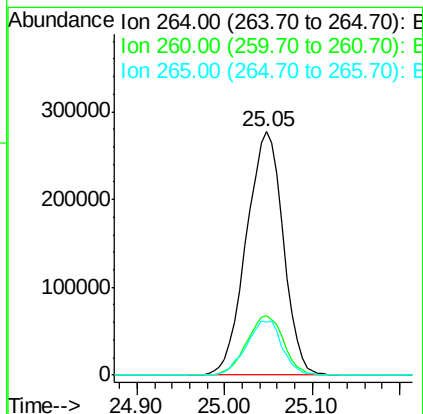
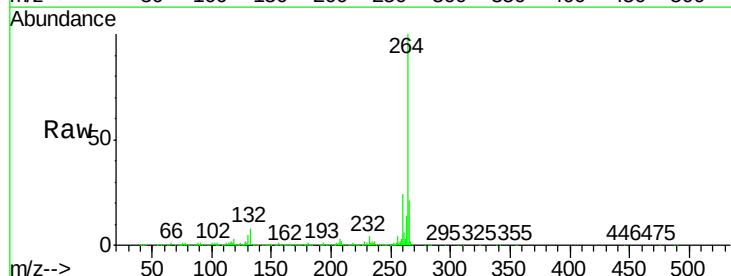
Instrument :
 BNA_G
 ClientSampled :

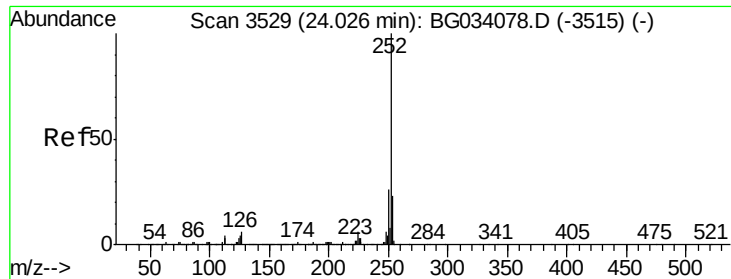
Tot Ion:276 Resp: 1938303
 Ion Ratio Lower Upper
 276 100
 138 6.5 16.0 24.0#
 277 26.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Tgt Ion:264 Resp: 796635
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.5 17.7 26.5

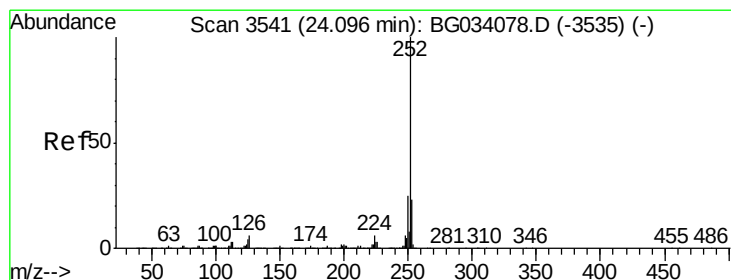
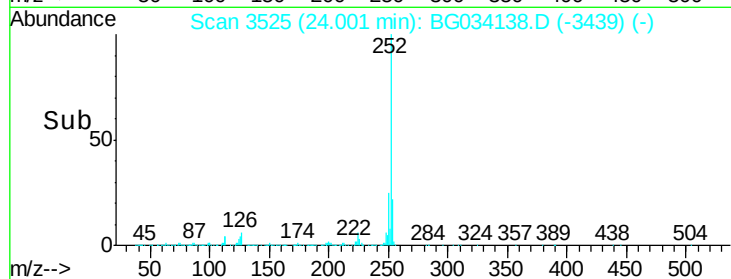
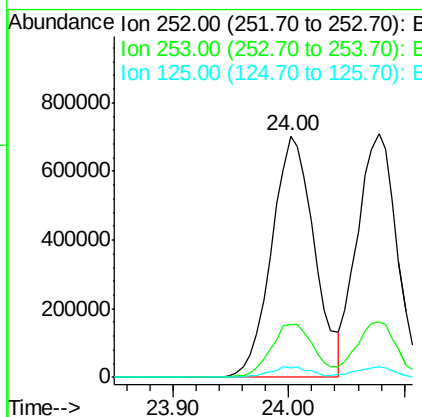
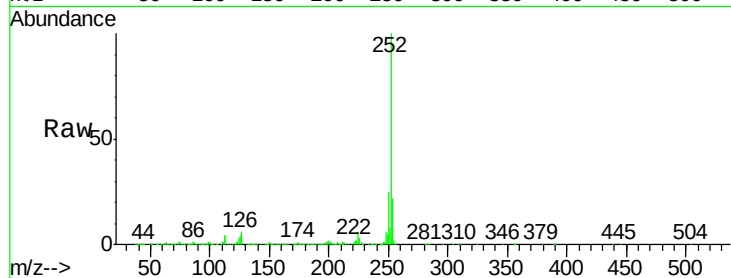




#87
Benzo(b)fluoranthene
Concen: 35.85 ng
RT: 24.00 min Scan# 3525
Delta R.T. -0.02 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

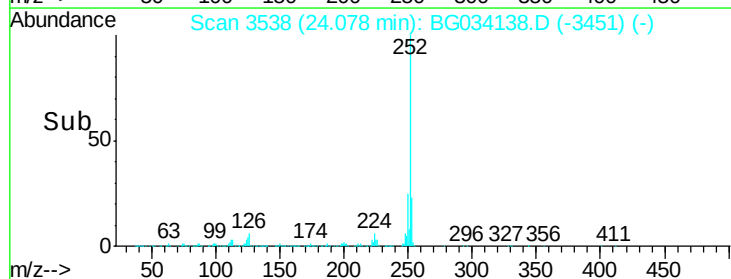
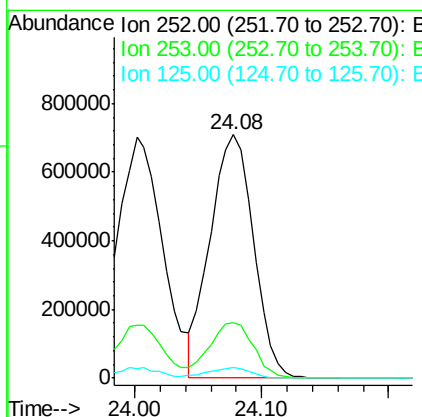
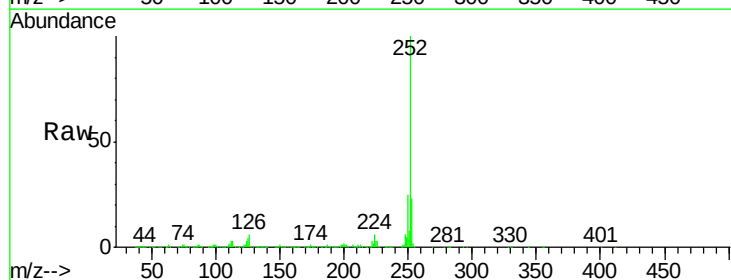
Instrument :
BNA_G
ClientSampleId :

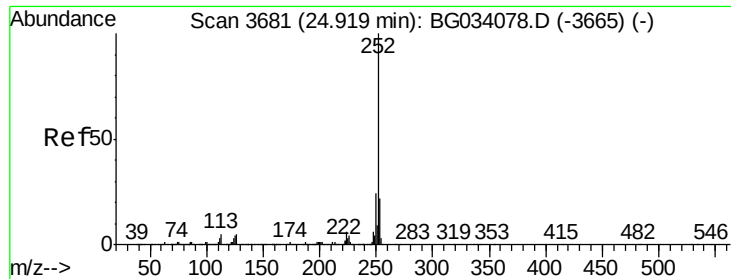
Tot Ion:252 Resp: 1804003
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 4.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 34.96 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.02 min
Lab File: BG034138.D
Acq: 3 May 2018 6:20

Tgt Ion:252 Resp: 1681491
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 4.2 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 35.53 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.02 min

Lab File: BG034138.D

Acq: 3 May 2018 6:20

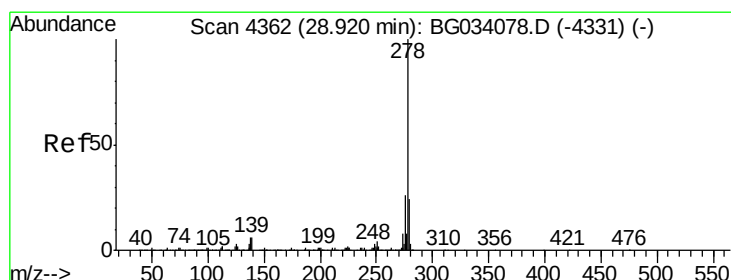
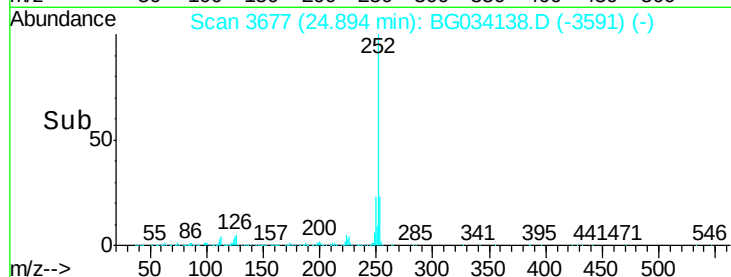
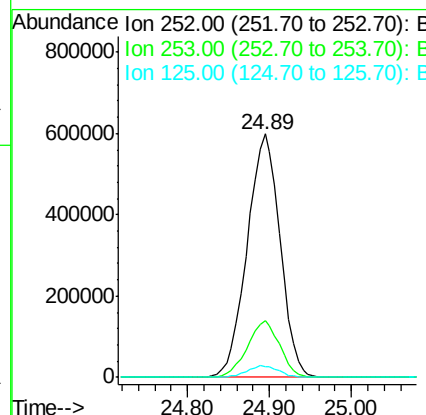
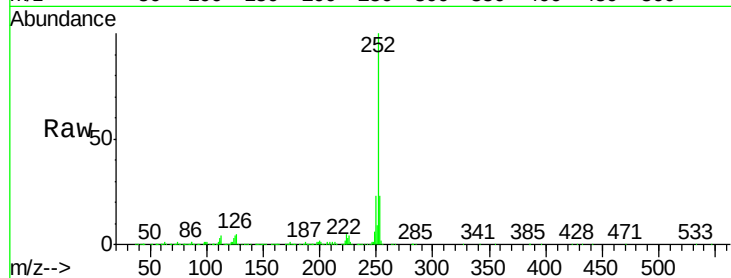
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1672884

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	4.5	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 35.56 ng

RT: 28.88 min Scan# 4355

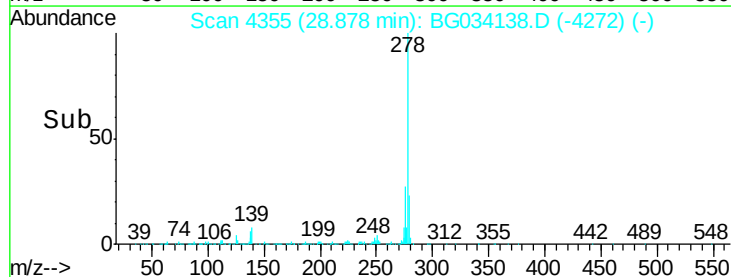
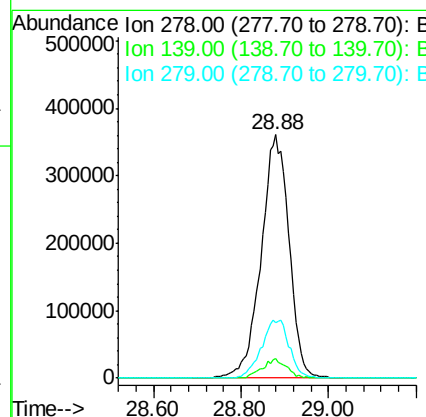
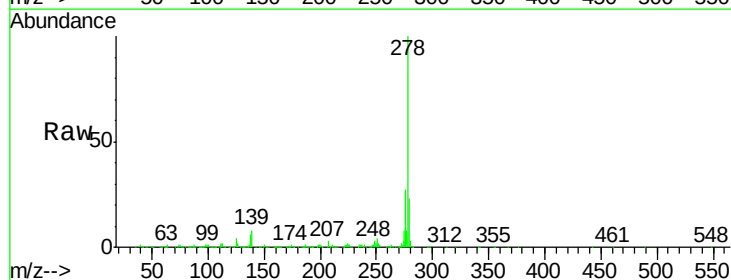
Delta R.T. -0.04 min

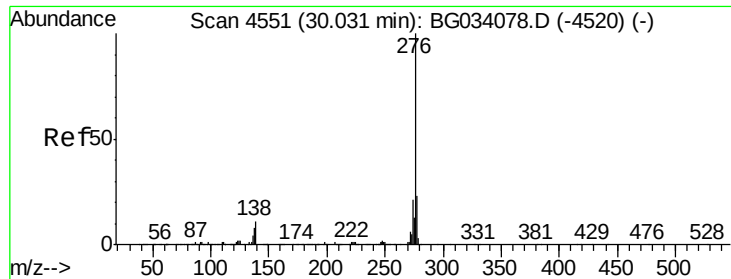
Lab File: BG034138.D

Acq: 3 May 2018 6:20

Tgt Ion:278 Resp: 1578090

Ion	Ratio	Lower	Upper
278	100		
139	8.0	9.8	14.6#
279	22.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 35.79 ng
 RT: 29.98 min Scan# 4542
 Delta R.T. -0.05 min
 Lab File: BG034138.D
 Acq: 3 May 2018 6:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1565737
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.3 27.5
 138 9.8 13.9 20.9#

