

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035309.D
 Acq On : 21 Jun 2018 21:13
 Operator : JU/SJ
 Sample : PB110221BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 05:14:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53790	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	203167	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	146653	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	388212	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	416990	20.00	ng	-0.03
86) Perylene-d12	24.91	264	405304	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	468713	147.05	ng	0.00
7) Phenol-d6	7.22	99	678634	144.26	ng	0.00
23) Nitrobenzene-d5	9.22	82	428357	100.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	318009	169.39	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	991636	87.90	ng	-0.02
78) Terphenyl-d14	20.03	244	1730590	86.93	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	53385	35.104	ng	# 74
3) Pyridine	3.94	79	156112	38.046	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	62324	35.356	ng	# 70
6) Aniline	7.38	93	132387	21.771	ng	97
8) 2-Chlorophenol	7.62	128	151012	45.199	ng	94
9) Benzaldehyde	7.19	77	84220	23.242	ng	93
10) Phenol	7.24	94	220527	45.297	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	149937	39.679	ng	86
12) 1,3-Dichlorobenzene	7.94	146	169538	42.530	ng	95
13) 1,4-Dichlorobenzene	8.09	146	173129	42.072	ng	93
14) 1,2-Dichlorobenzene	8.41	146	162178	41.957	ng	96
15) Benzyl Alcohol	8.29	79	175361	39.340	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	157758	41.946	ng	71
17) 2-Methylphenol	8.50	107	149230	46.493	ng	# 93
18) Hexachloroethane	9.14	117	62405	42.359	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	136388	34.125	ng	# 83
20) 3+4-Methylphenols	8.82	107	207696	45.144	ng	96
22) Acetophenone	8.88	105	250261	39.765	ng	# 92
24) Nitrobenzene	9.26	77	198797	45.421	ng	# 94
25) Isophorone	9.78	82	390317	43.253	ng	98
26) 2-Nitrophenol	9.97	139	83813	55.556	ng	# 87
27) 2,4-Dimethylphenol	10.02	122	157064	49.531	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	206556	42.595	ng	97
29) 2,4-Dichlorophenol	10.50	162	177931	51.568	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	188444	45.547	ng	96
31) Naphthalene	10.91	128	452952	42.916	ng	97
32) Benzoic acid	10.18	122	108285	50.982	ng	96
33) 4-Chloroaniline	11.02	127	42718	9.321	ng	94
34) Hexachlorobutadiene	11.19	225	145979	45.368	ng	98
35) Caprolactam	11.80	113	42224	33.112	ng	# 69
36) 4-Chloro-3-methylphenol	12.13	107	211801	49.244	ng	96
37) 2-Methylnaphthalene	12.51	142	354644	44.320	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	248030	45.406	ng	99
40) Hexachlorocyclopentadiene	12.85	237	347306	101.388	ng	95

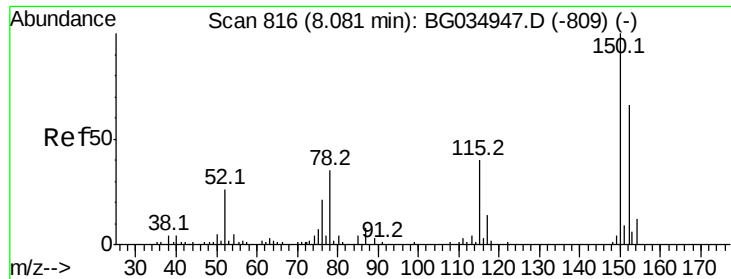
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	171550	52.448	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	182731	50.900	ng	98
45) 1,1'-Biphenyl	13.51	154	488426	41.419	ng	97
46) 2-Chloronaphthalene	13.56	162	384705	43.149	ng	98
47) 2-Nitroaniline	13.76	65	127657	48.488	ng	92
48) Acenaphthylene	14.40	152	647987	43.344	ng	96
49) Dimethylphthalate	14.14	163	536742	41.970	ng	98
50) 2,6-Dinitrotoluene	14.25	165	122816	52.641	ng #	87
51) Acenaphthene	14.75	154	389467	39.872	ng	97
52) 3-Nitroaniline	14.58	138	45250	19.765	ng #	93
53) 2,4-Dinitrophenol	14.79	184	147794	156.527	ng #	63
54) Dibenzofuran	15.08	168	634321	43.360	ng	95
55) 4-Nitrophenol	14.89	139	182883	94.653	ng #	87
56) 2,4-Dinitrotoluene	15.03	165	178558	57.614	ng #	86
57) Fluorene	15.73	166	519222	42.468	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	189026	54.200	ng #	91
59) Diethylphthalate	15.49	149	525214	40.254	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	302163	43.342	ng	97
61) 4-Nitroaniline	15.74	138	116558	47.474	ng #	86
62) Azobenzene	16.01	77	514777	40.262	ng	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	103765	58.543	ng	85
65) n-Nitrosodiphenylamine	15.93	169	468728	40.205	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	212469	45.448	ng	96
67) Hexachlorobenzene	16.73	284	216594	45.519	ng #	92
68) Atrazine	16.88	200	207393	41.715	ng	96
69) Pentachlorophenol	17.07	266	264483	82.659	ng	98
70) Phenanthrene	17.47	178	835332	42.359	ng	98
71) Anthracene	17.55	178	861279	43.601	ng	97
72) Carbazole	17.82	167	769337	41.976	ng	96
73) Di-n-butylphthalate	18.38	149	865696	39.628	ng #	97
74) Fluoranthene	19.47	202	1098403	42.804	ng	95
76) Benzidine	19.65	184	419288	27.027	ng	98
77) Pyrene	19.83	202	1087358	39.555	ng	98
79) Butylbenzylphthalate	20.71	149	399528	40.025	ng #	94
80) Benzo(a)anthracene	21.67	228	1123012	42.144	ng	97
81) 3,3'-Dichlorobenzidine	21.58	252	228442	22.787	ng	99
82) Chrysene	21.74	228	1036839	42.498	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	533195	37.803	ng	99
84) Di-n-octyl phthalate	22.79	149	926654	38.295	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1231057	43.083	ng #	93
87) Benzo(b)fluoranthene	23.89	252	1080947	43.308	ng #	97
88) Benzo(k)fluoranthene	23.96	252	1046573	42.865	ng #	97
89) Benzo(a)pyrene	24.76	252	1039643	44.266	ng #	97
90) Dibenzo(a,h)anthracene	28.65	278	1003327	43.275	ng #	94
91) Benzo(g,h,i)perylene	29.74	276	1021823	45.034	ng #	92

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

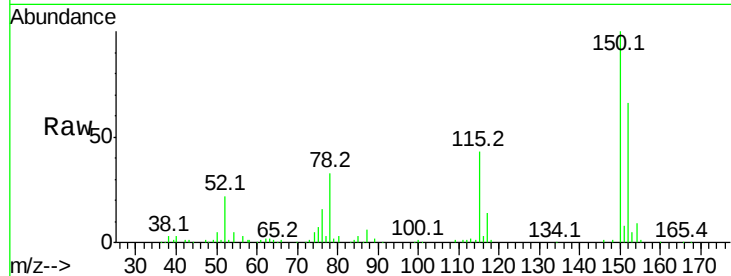


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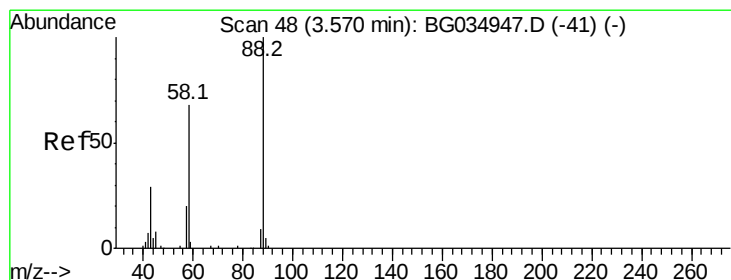
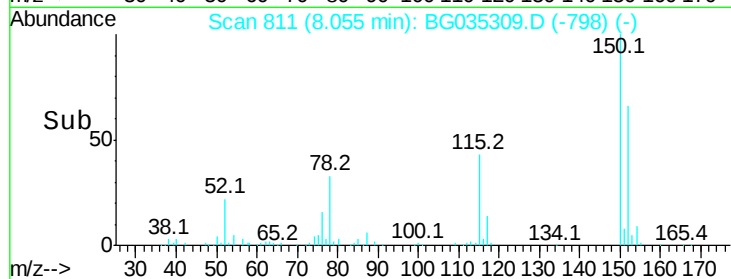
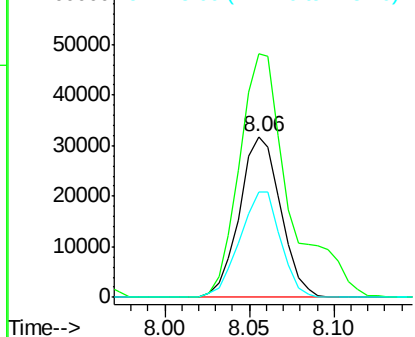
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53790
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 65.9 53.0 79.4



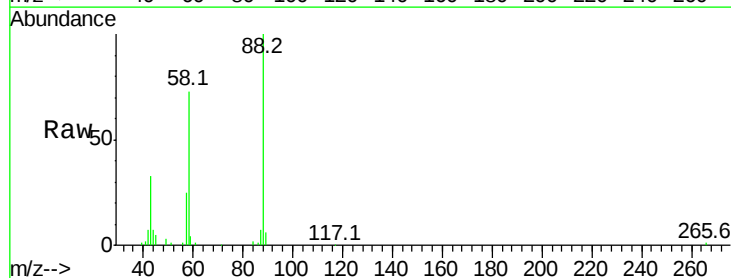
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



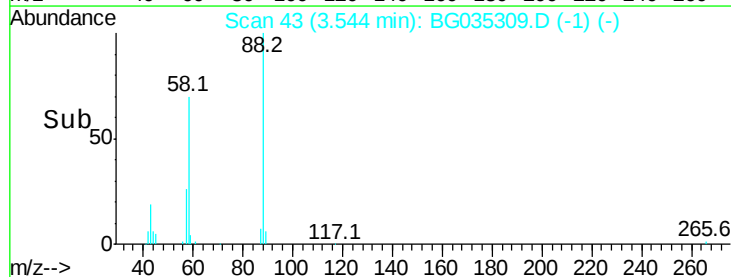
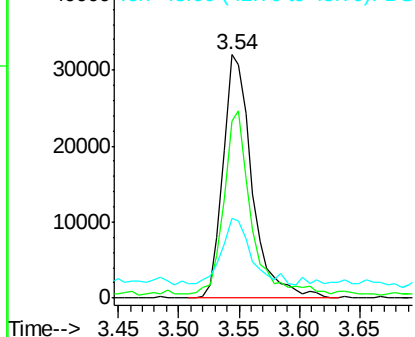
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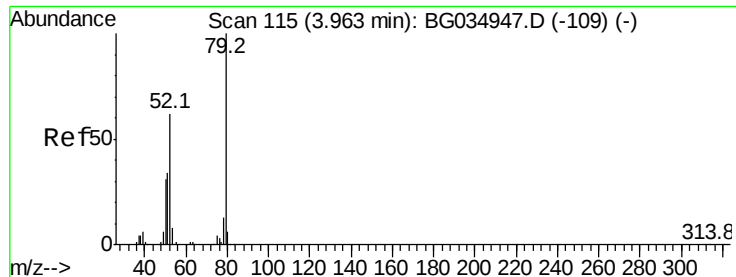
1,4-Dioxane
Concen: 35.104 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion: 88 Resp: 53385
Ion Ratio Lower Upper
88 100
58 69.3 79.6 119.4#
43 27.4 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.046 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

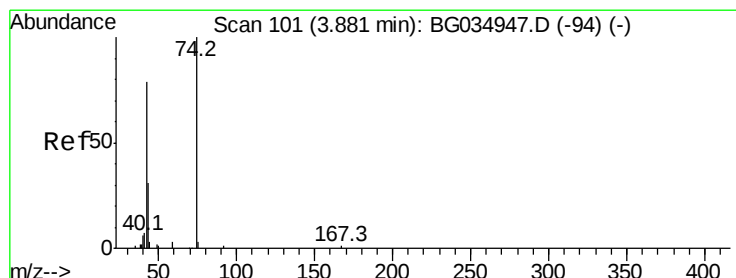
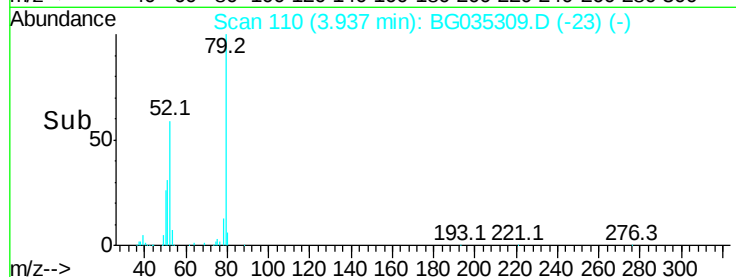
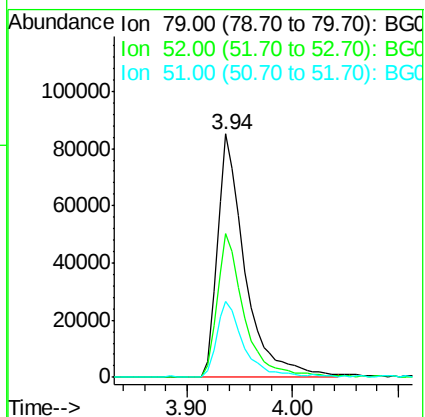
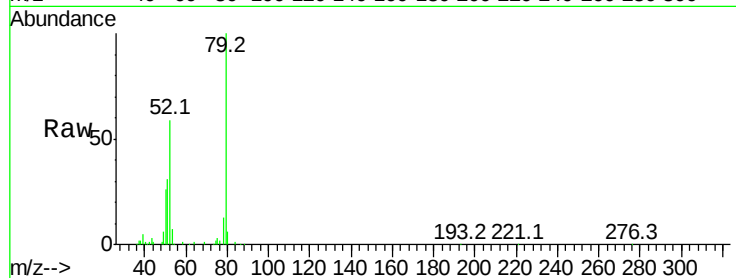
Tot Ion: 79 Resp: 156112

Ion Ratio Lower Upper

79 100

52 58.9 69.9 104.9#

51 31.3 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 35.356 ng

RT: 3.86 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

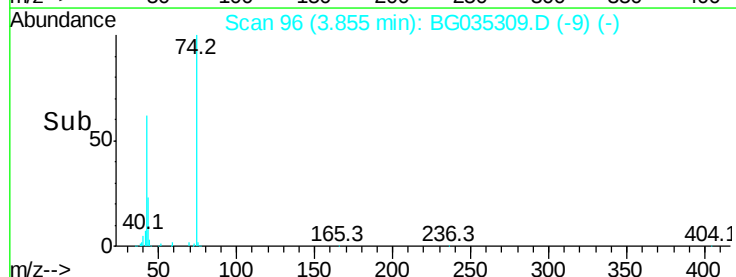
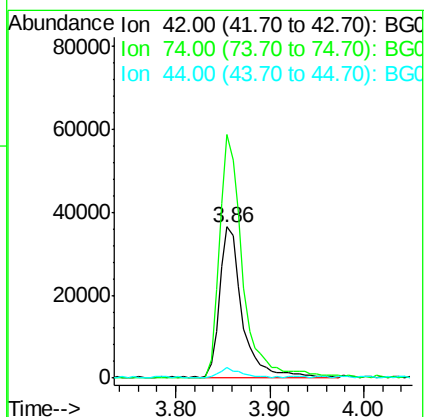
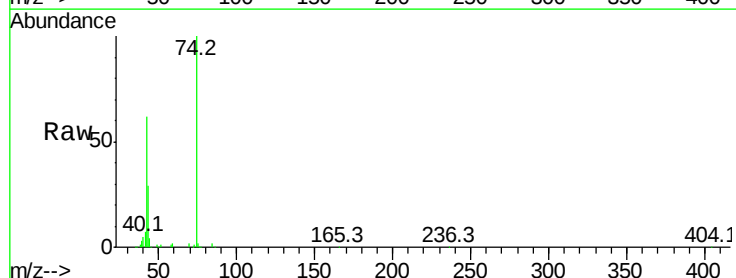
Tgt Ion: 42 Resp: 62324

Ion Ratio Lower Upper

42 100

74 161.4 102.5 153.7#

44 7.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 147.054 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035309.D

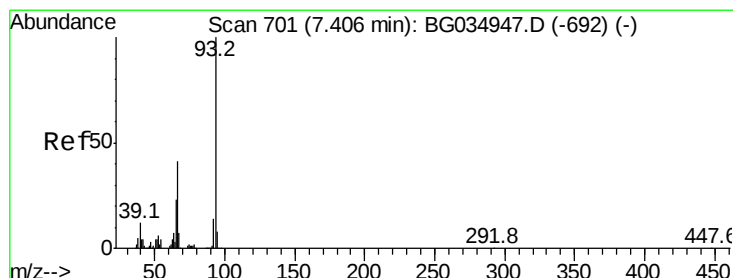
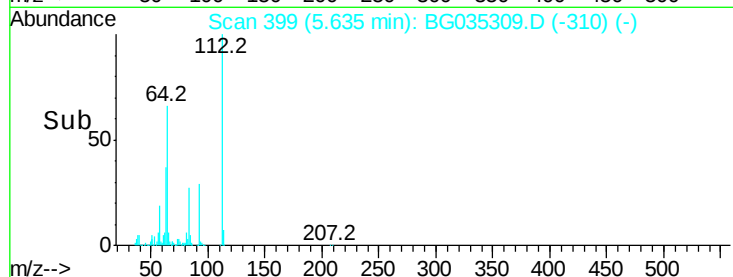
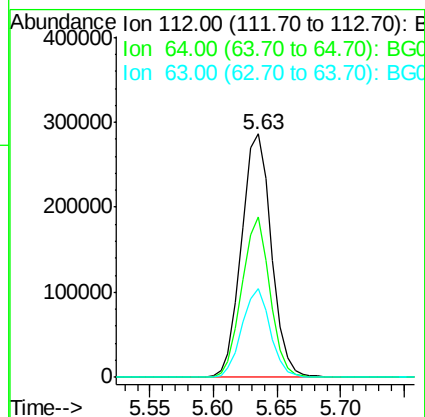
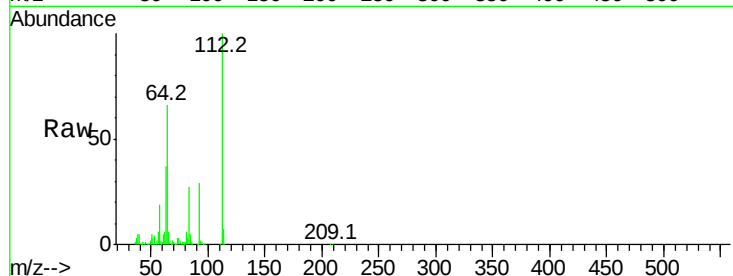
Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	468713
Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	36.6	30.1	45.1



#6

Aniline

Concen: 21.771 ng

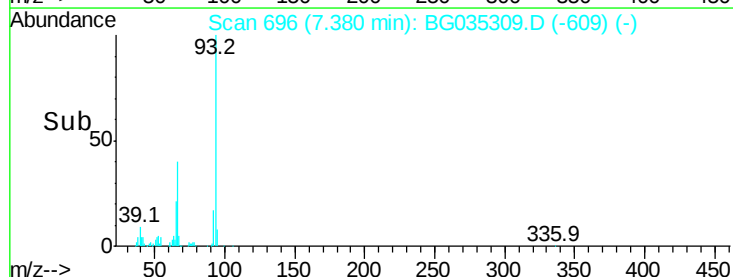
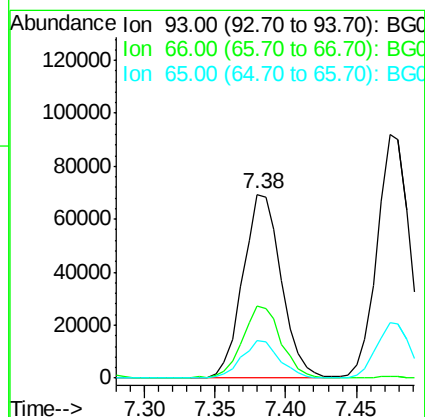
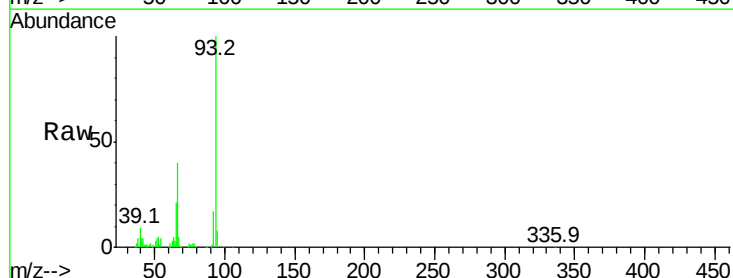
RT: 7.38 min Scan# 696

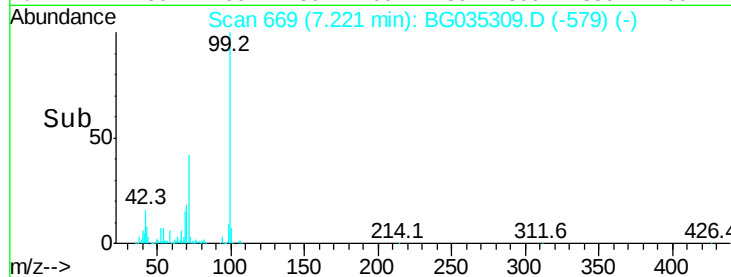
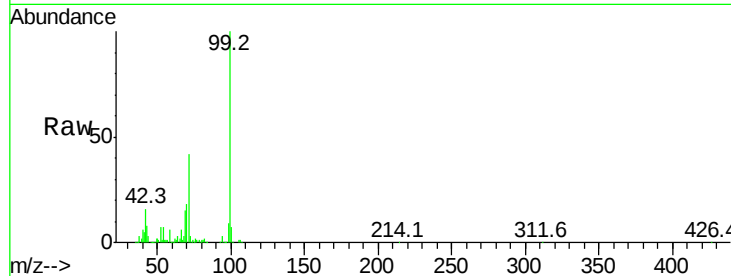
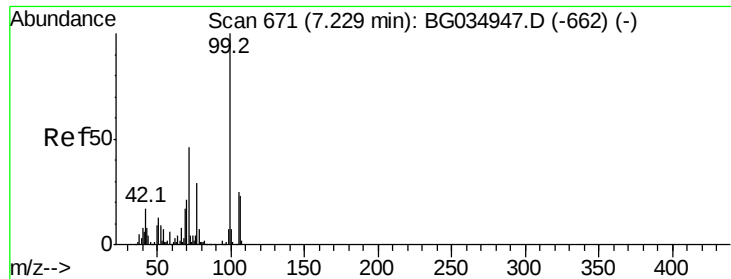
Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Tgt Ion:	93	Resp:	132387
Ion	Ratio	Lower	Upper
93	100		
66	39.6	33.7	50.5
65	20.7	16.1	24.1





#7

Phenol-d6

Concen: 144.257 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

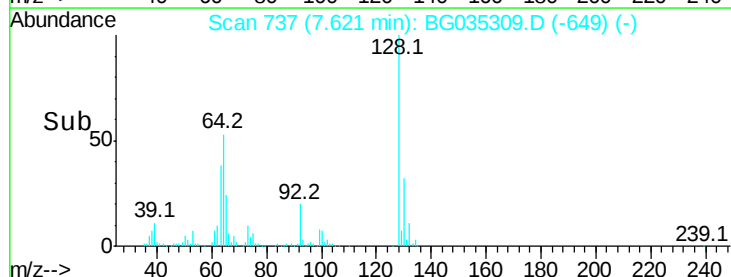
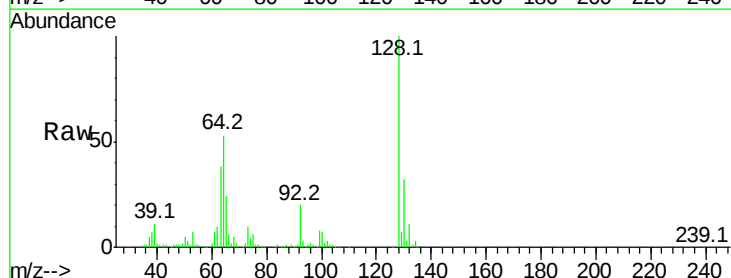
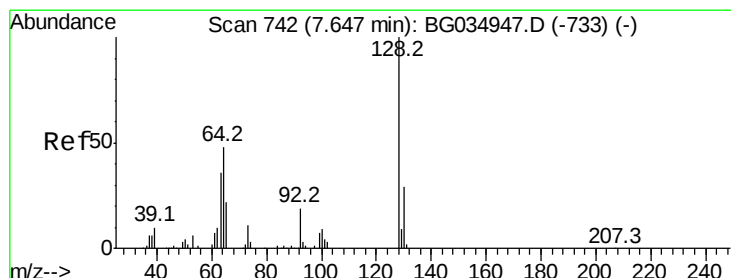
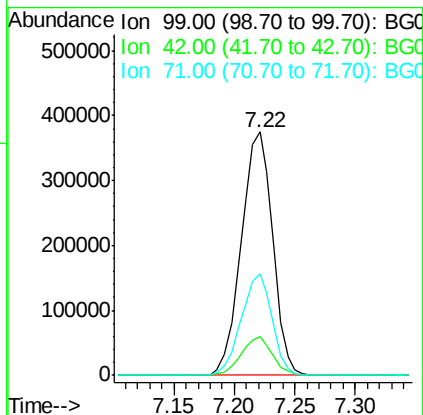
Tot Ion: 99 Resp: 678634

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 41.5 26.1 39.1#



#8

2-Chlorophenol

Concen: 45.199 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

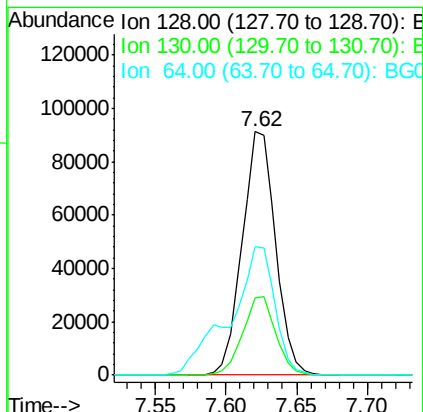
Tgt Ion:128 Resp: 151012

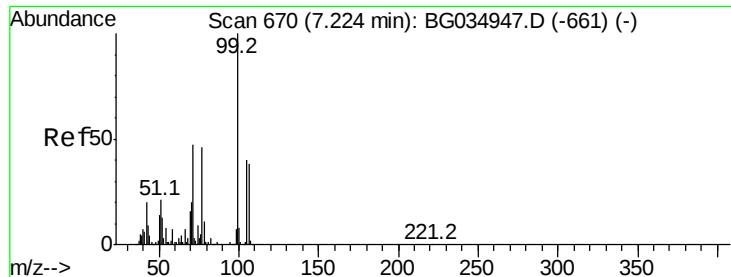
Ion Ratio Lower Upper

128 100

130 31.8 14.0 54.0

64 52.7 37.7 77.7





#9

Benzaldehyde

Concen: 23.242 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

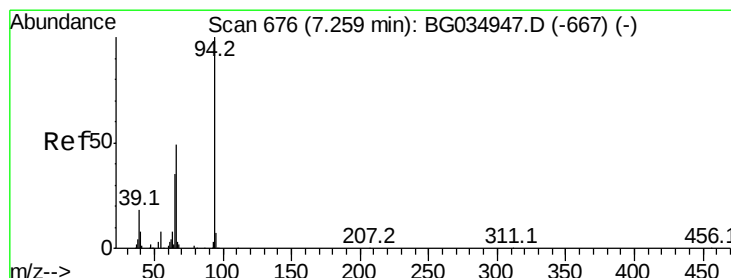
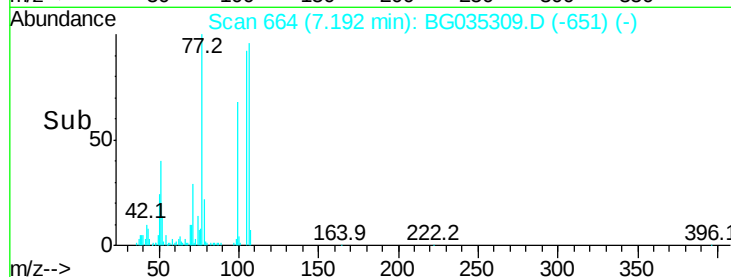
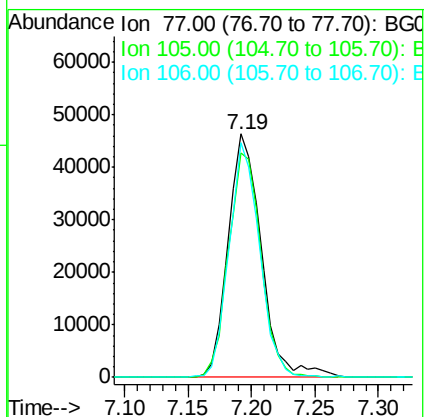
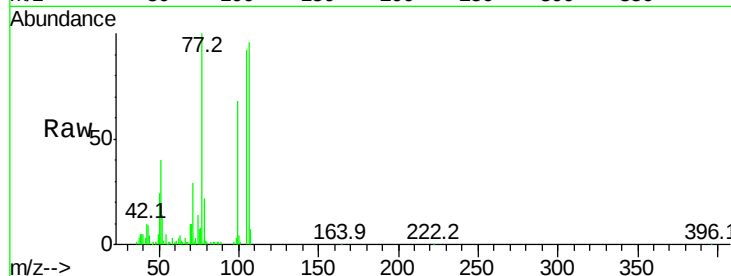
Tot Ion: 77 Resp: 84220

Ion Ratio Lower Upper

77 100

105 92.1 71.3 111.3

106 96.2 64.2 104.2



#10

Phenol

Concen: 45.297 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

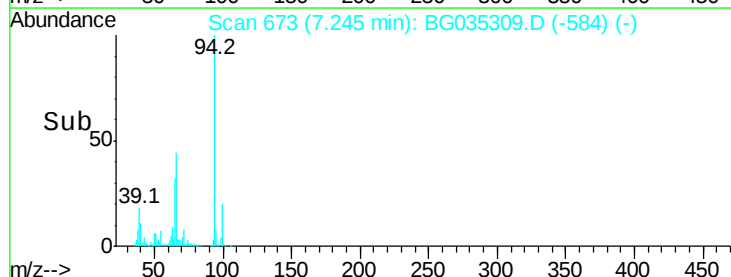
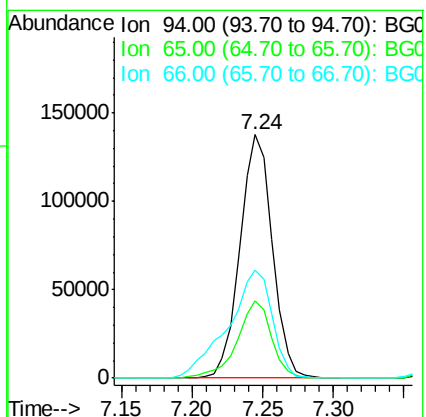
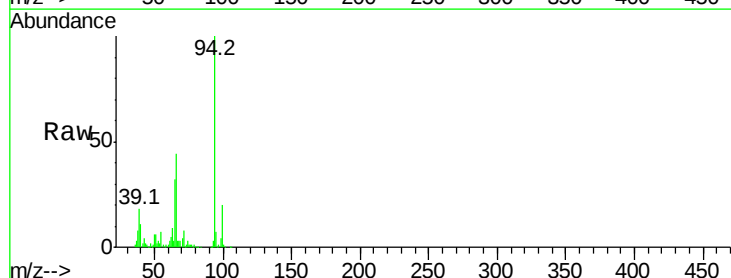
Tgt Ion: 94 Resp: 220527

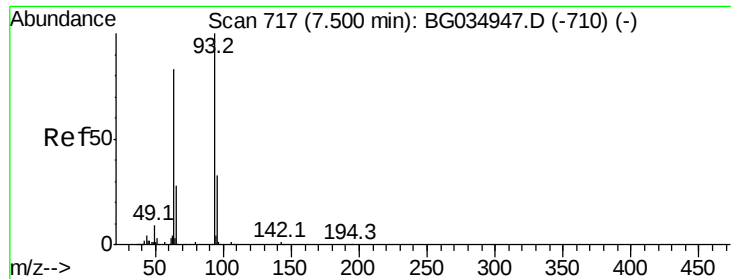
Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

66 44.1 22.2 62.2

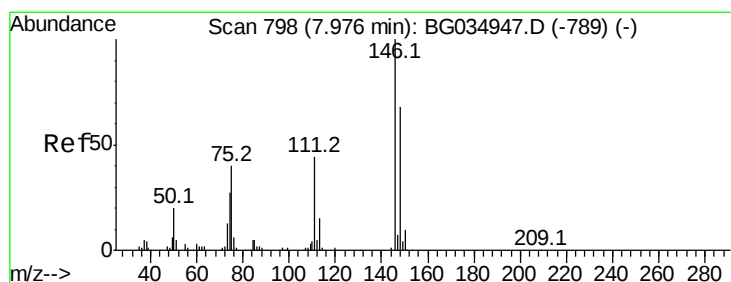
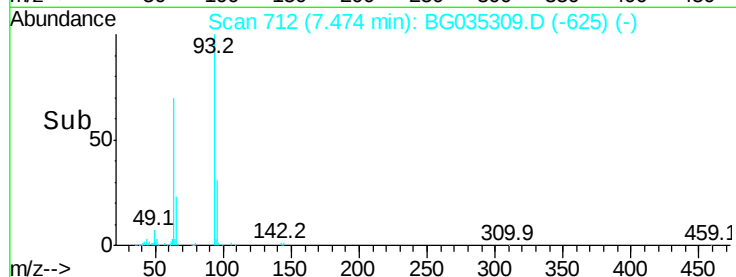
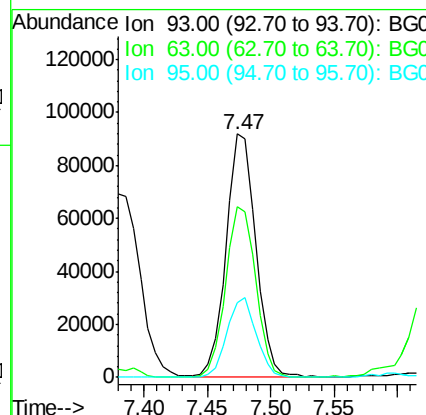
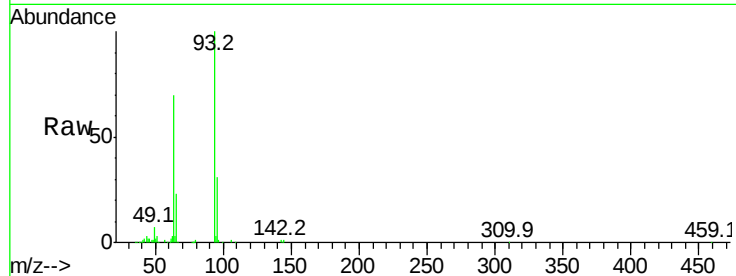




#11
bis(2-Chloroethyl)ether
Concen: 39.679 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

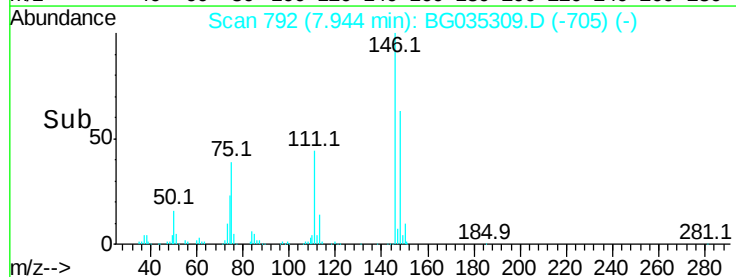
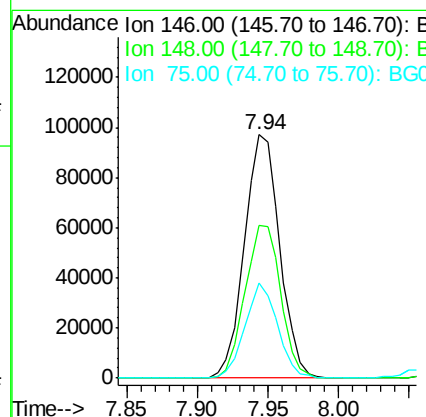
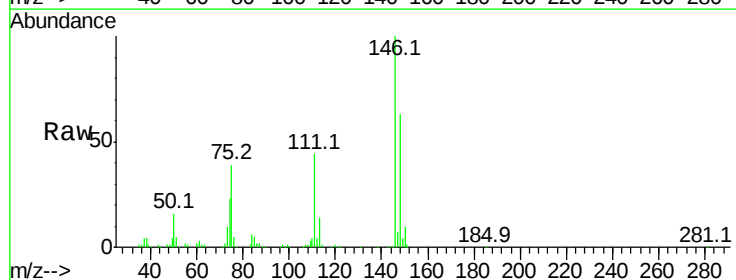
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	67.1	107.1
95	30.5	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 42.530 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.2
75	39.1	26.6	39.8

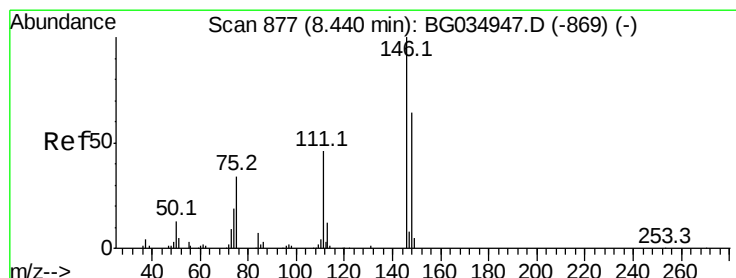
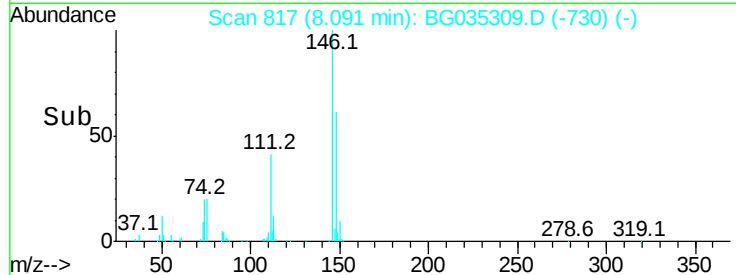
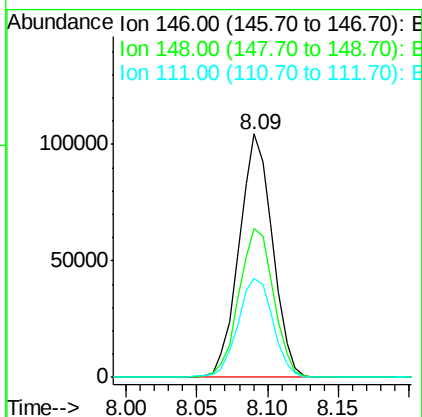
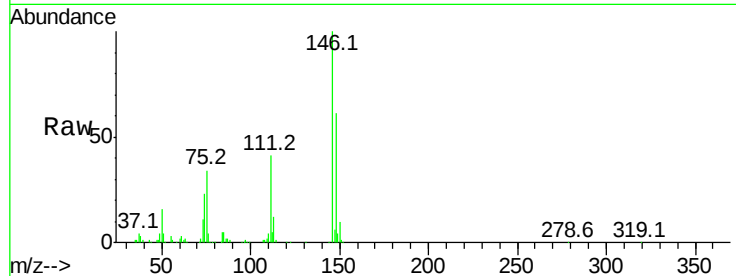




#13
 1,4-Dichlorobenzene
 Concen: 42.072 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

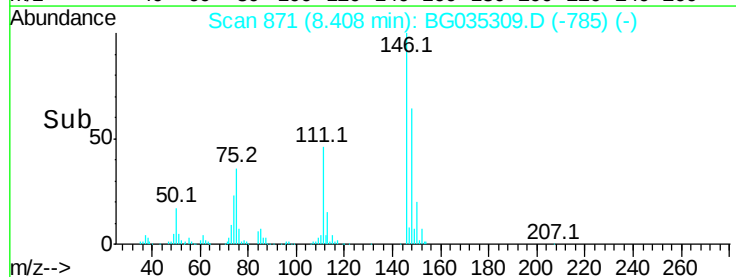
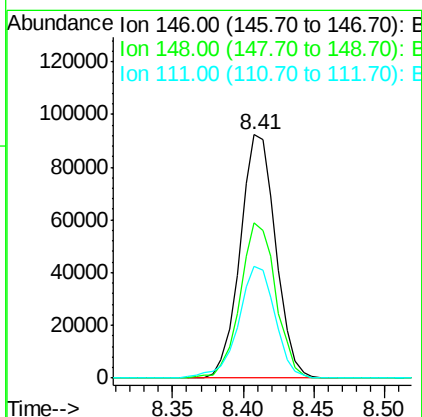
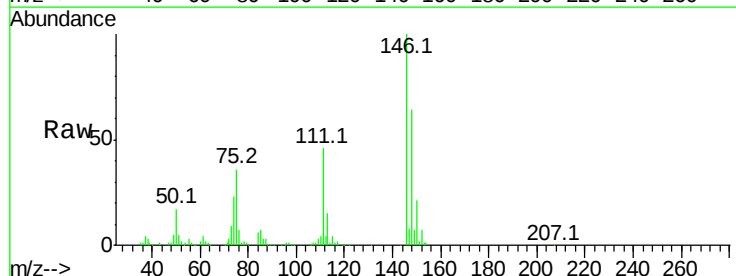
Instrument :
 BNA_G
 ClientSampleId :

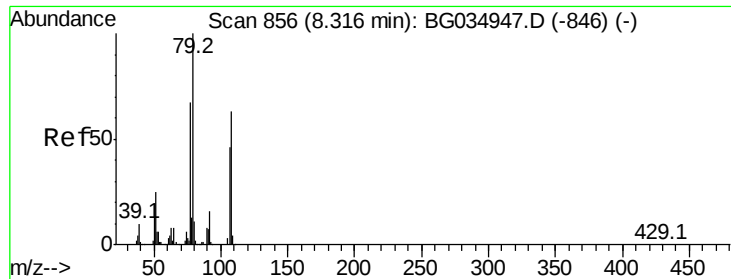
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	53.7	80.5
111	40.6	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.957 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.03 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.3	73.9
111	46.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 39.340 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

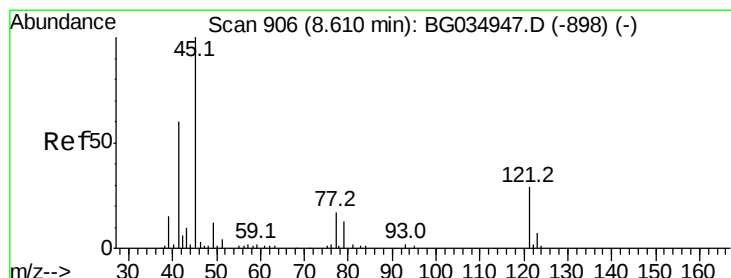
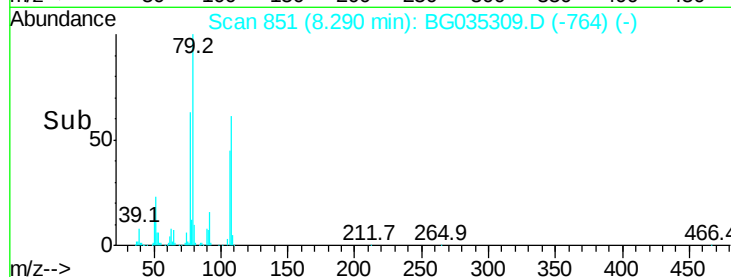
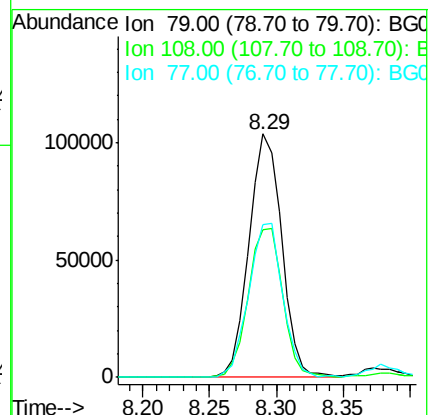
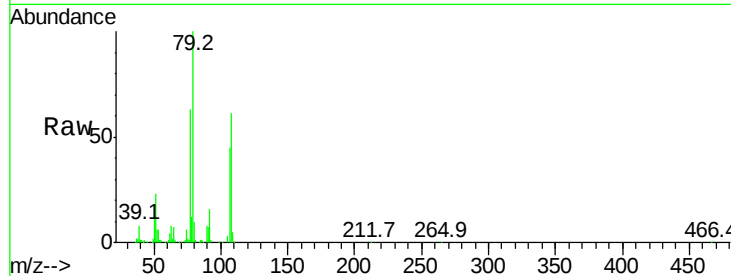
Tot Ion: 79 Resp: 175361

Ion Ratio Lower Upper

79 100

108 60.9 57.2 85.8

77 62.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.946 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

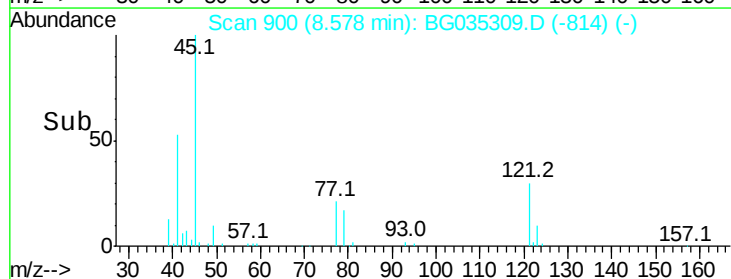
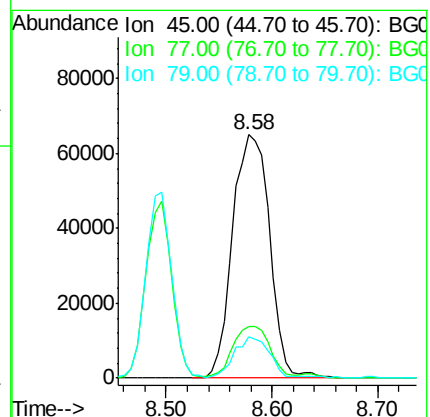
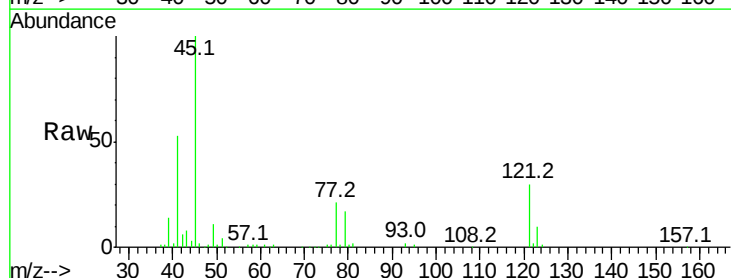
Tgt Ion: 45 Resp: 157758

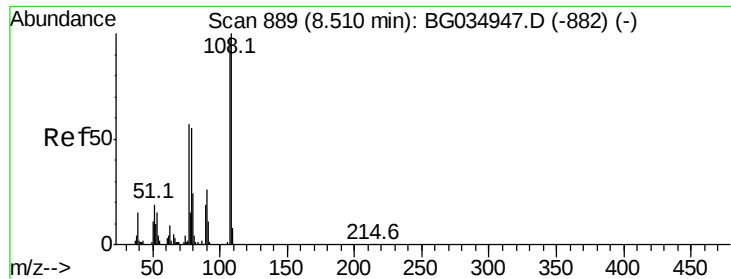
Ion Ratio Lower Upper

45 100

77 21.5 0.0 30.2

79 17.2 0.0 27.9





#17

2-Methylphenol

Concen: 46.493 ng

RT: 8.50 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 149230

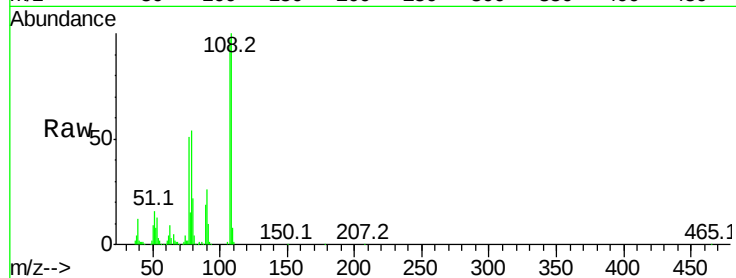
Ion Ratio Lower Upper

107 100

108 103.1 83.9 125.9

77 52.7 37.2 55.8

79 55.5 36.2 54.2#

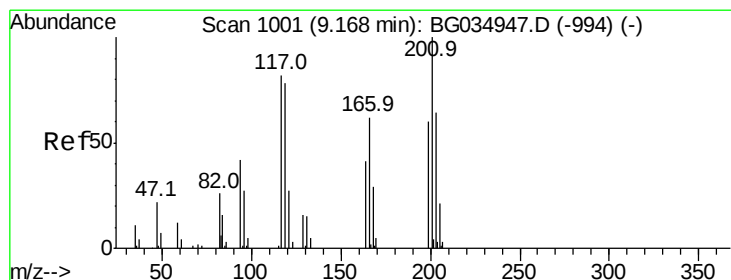
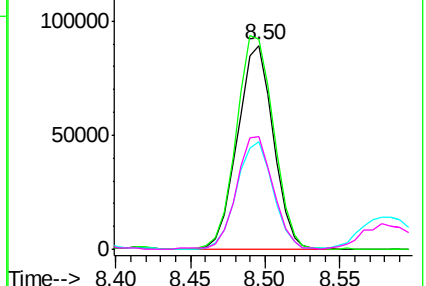
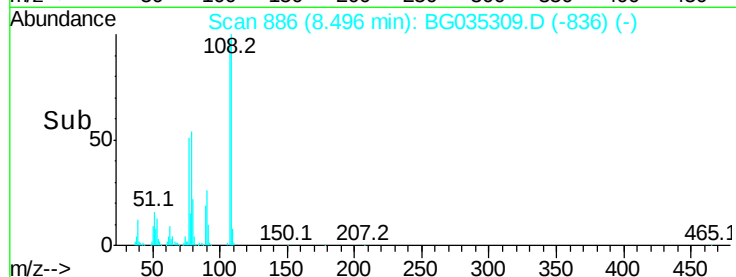


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.359 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

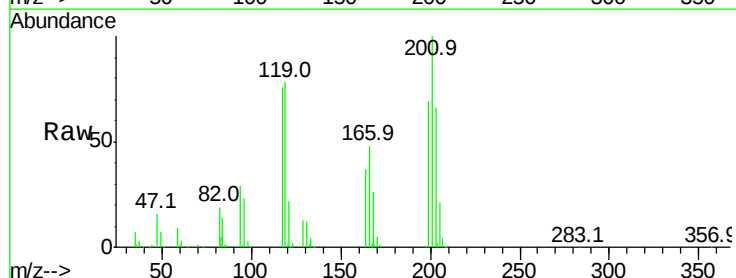
Tgt Ion:117 Resp: 62405

Ion Ratio Lower Upper

117 100

119 103.3 76.7 115.1

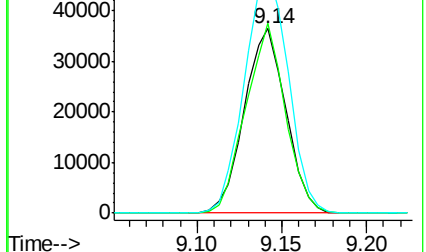
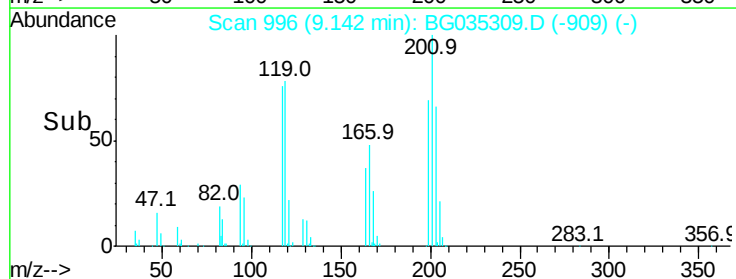
201 132.0 95.7 143.5

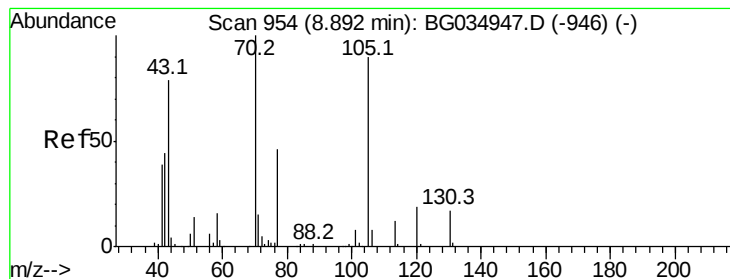


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.125 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

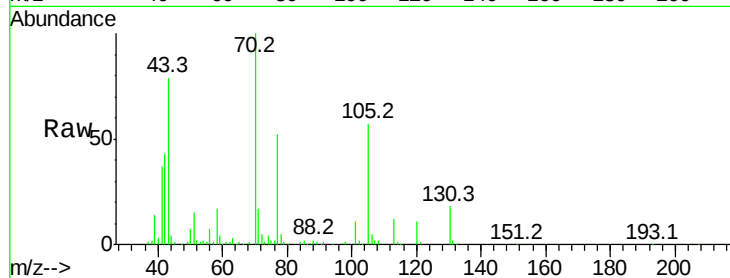
BNA_G

ClientSampled :

Tot Ion: 70 Resp: 136388

Ion Ratio Lower Upper

70	100		
42	43.0	49.1	73.7#
101	10.6	8.5	12.7
130	17.6	13.4	20.0



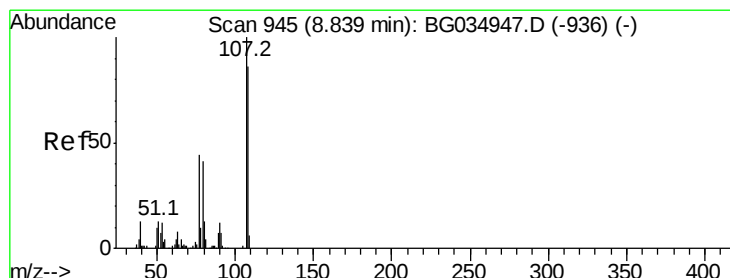
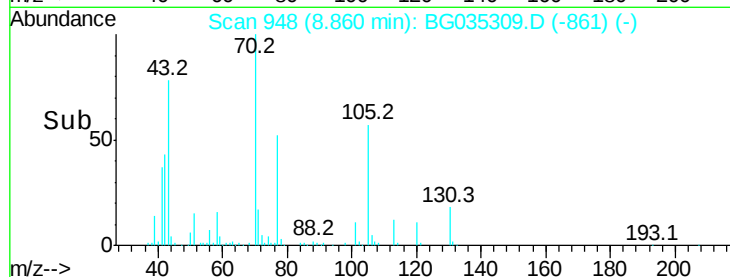
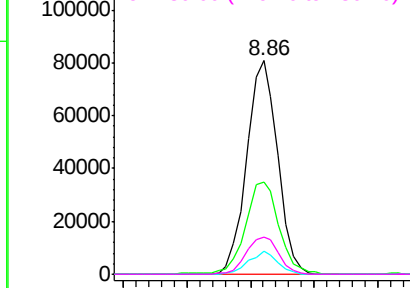
Abundance

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: 45.144 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Tgt Ion: 107 Resp: 207696

Ion Ratio Lower Upper

107	100		
108	81.9	61.6	101.6
77	35.4	13.9	53.9
79	36.2	8.8	48.8

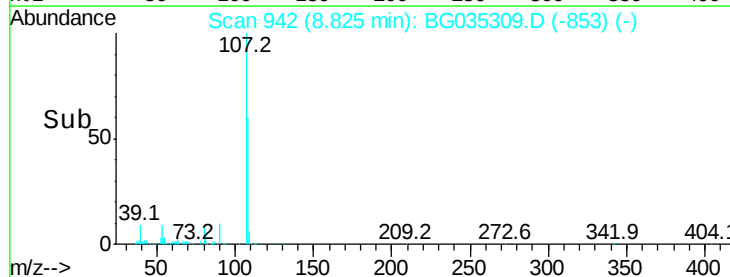
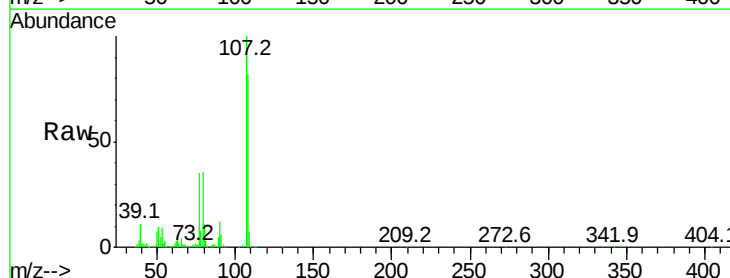
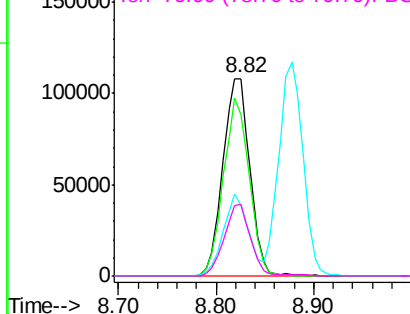
Abundance

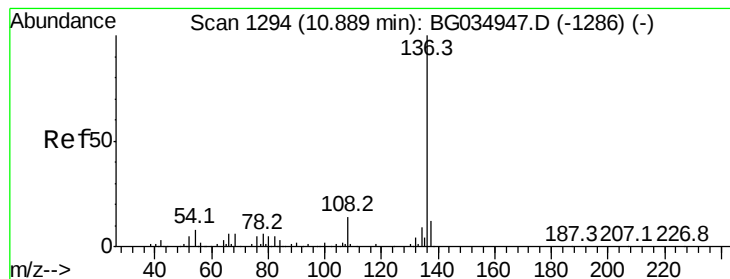
Ion 107.00 (106.70 to 107.70): BGC

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: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 203167

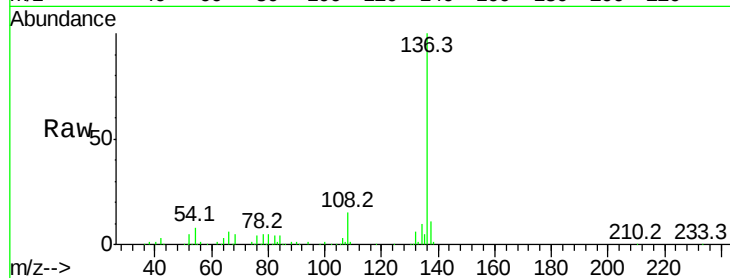
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.8 10.3 15.5#

68 5.2 4.5 6.7

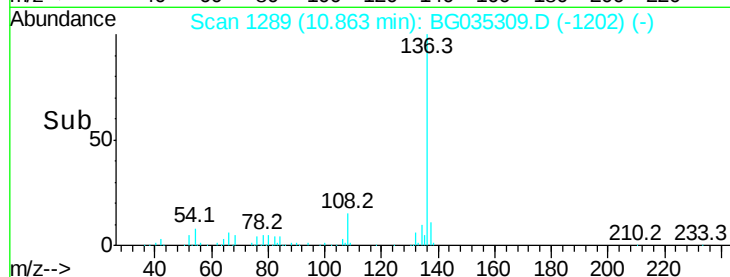


Abundance Ion 136.00 (135.70 to 136.70): E

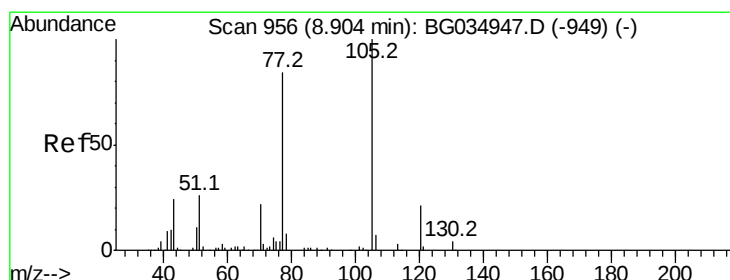
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 39.765 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Tgt Ion:105 Resp: 250261

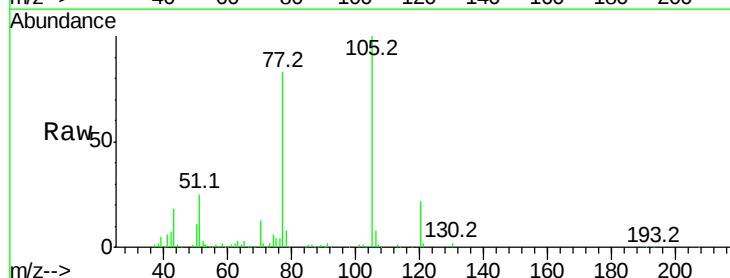
Ion Ratio Lower Upper

105 100

71 2.2 3.0 4.4#

51 25.5 26.1 39.1#

120 21.5 17.4 26.2

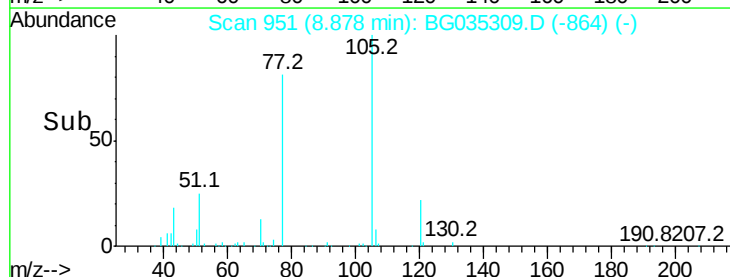


Abundance Ion 105.00 (104.70 to 105.70): E

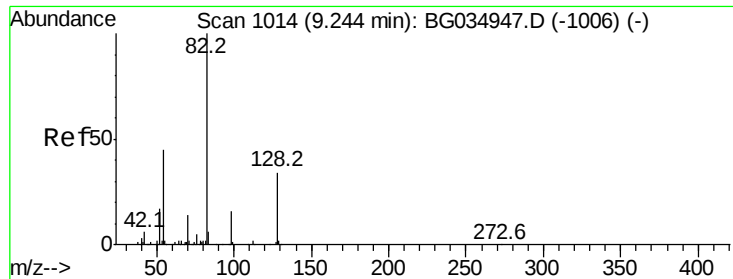
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



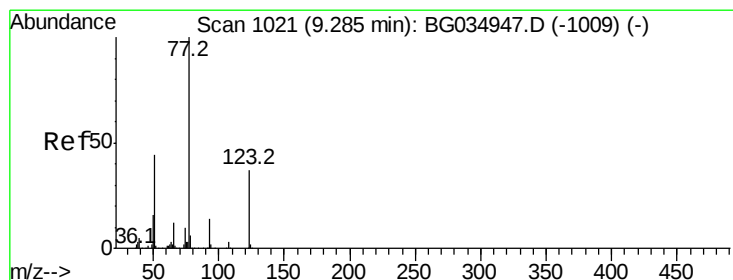
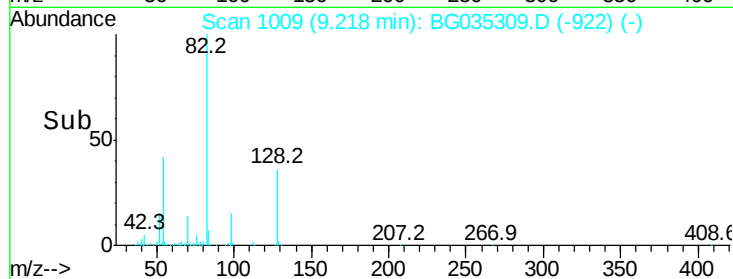
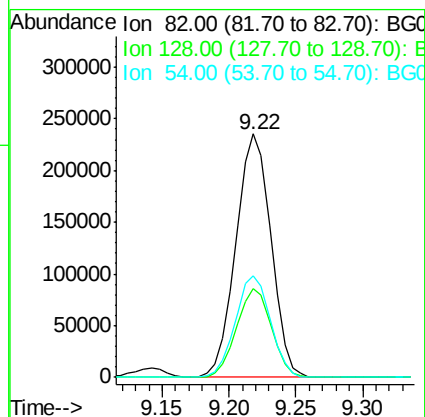
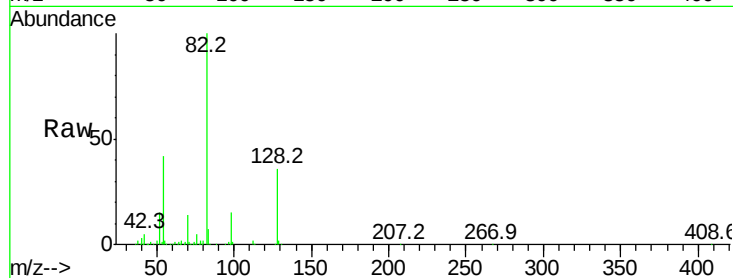
Time-->



#23
 Nitrobenzene-d5
 Concen: 100.221 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

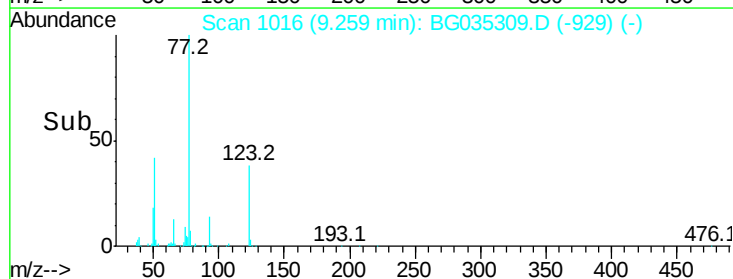
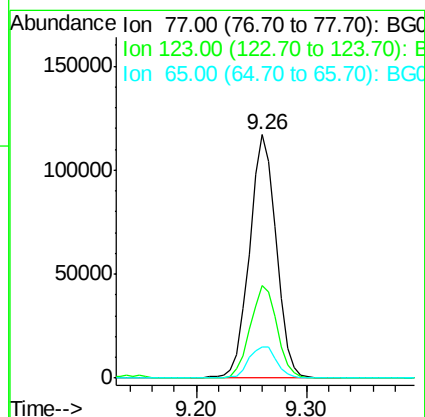
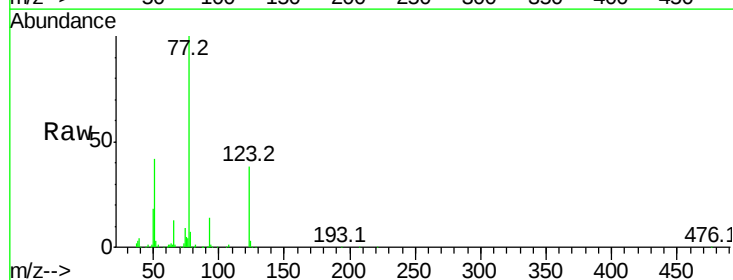
Instrument :
 BNA_G
 ClientSampleId :

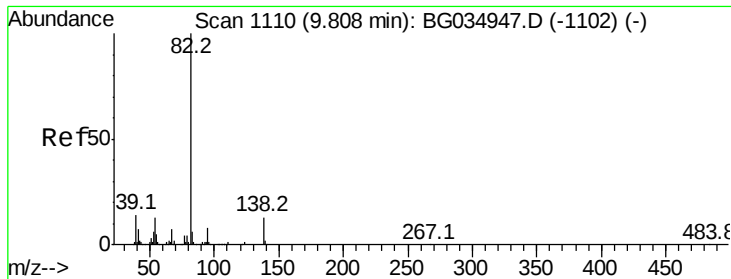
Tot Ion: 82 Resp: 428357
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.7 44.5
 54 41.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 45.421 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion: 77 Resp: 198797
 Ion Ratio Lower Upper
 77 100
 123 38.0 33.0 49.6
 65 12.8 13.0 19.6#





#25

Isophorone

Concen: 43.253 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

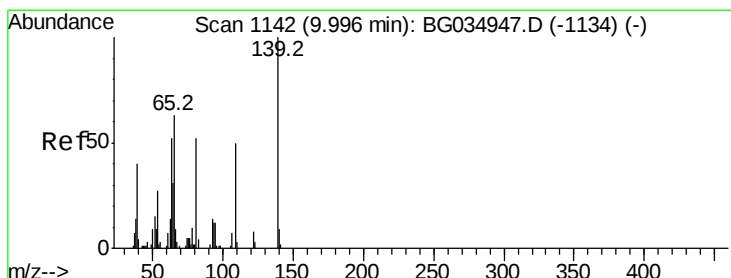
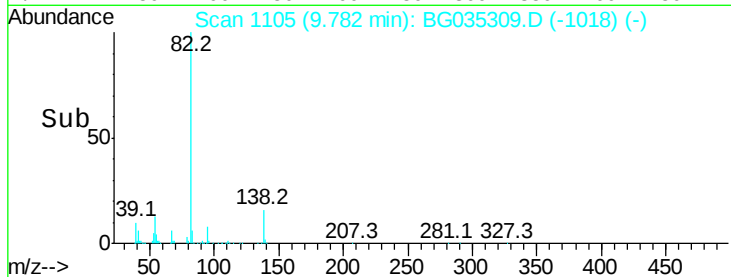
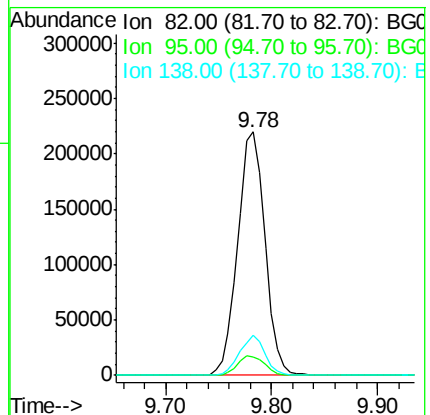
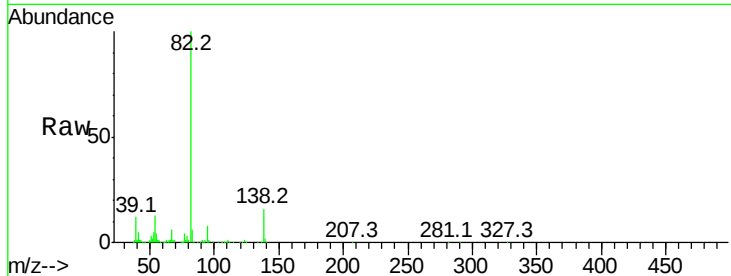
Tot Ion: 82 Resp: 390317

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 16.4 12.1 18.1



#26

2-Nitrophenol

Concen: 55.556 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

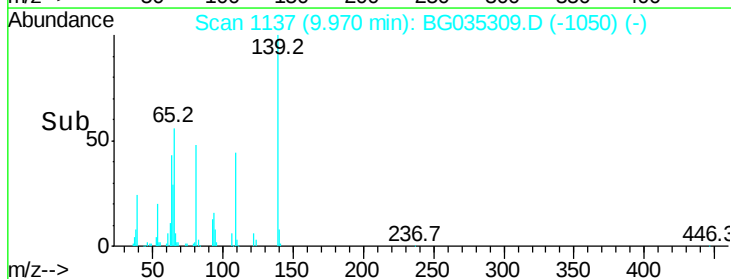
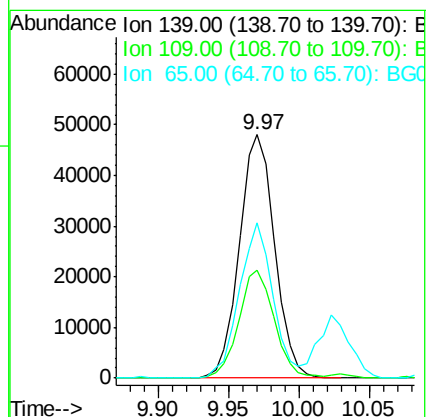
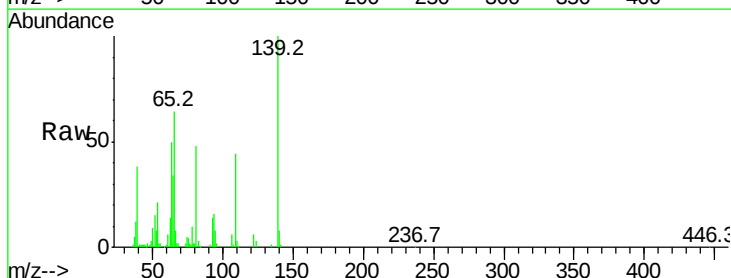
Tgt Ion: 139 Resp: 83813

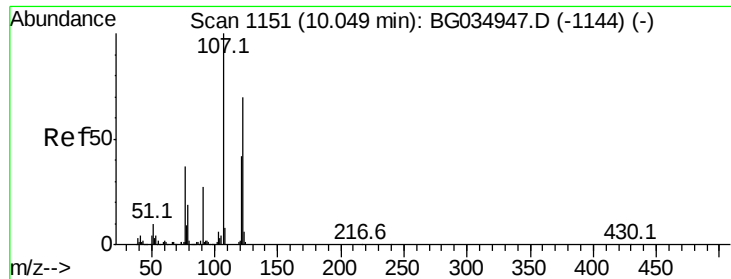
Ion Ratio Lower Upper

139 100

109 44.1 24.2 36.2#

65 63.9 47.4 71.0

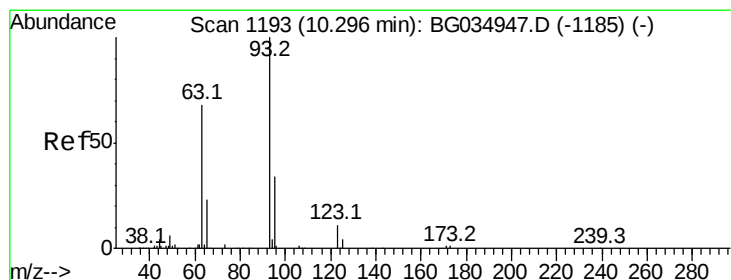
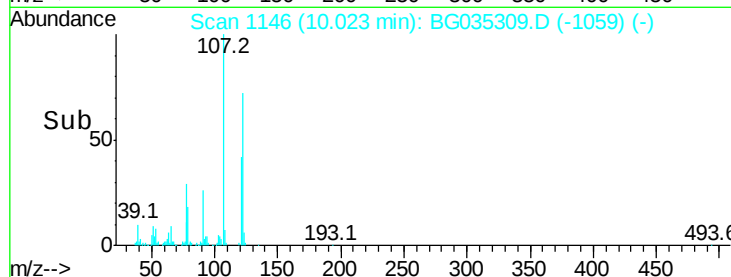
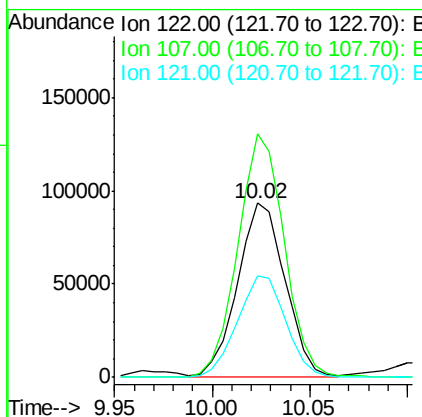
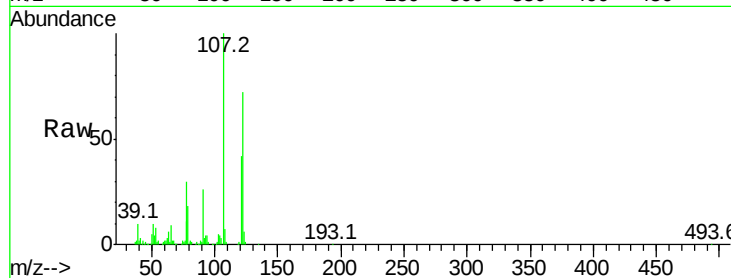




#27
2,4-Dimethylphenol
Concen: 49.531 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

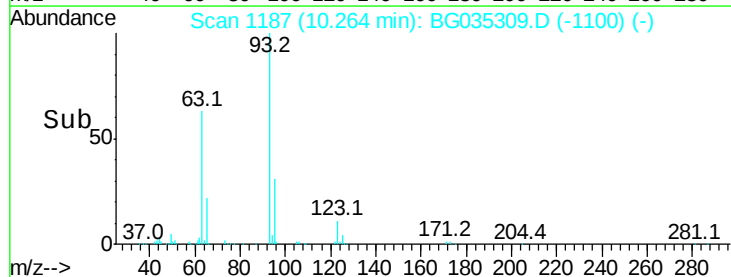
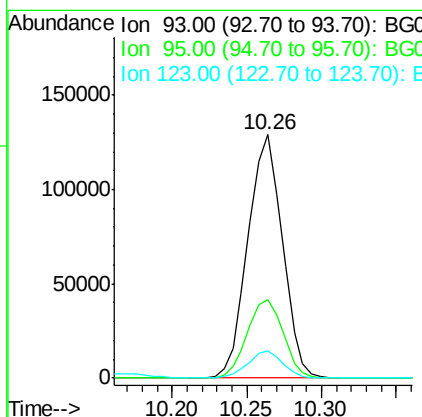
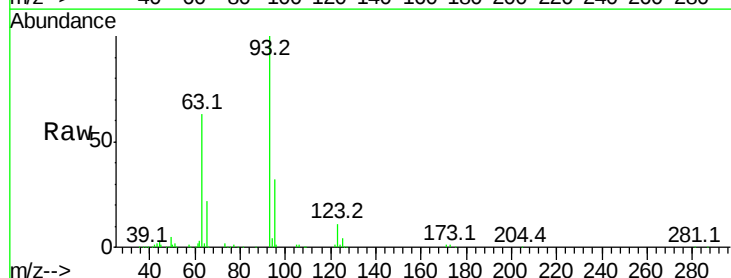
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 157064
Ion Ratio Lower Upper
122 100
107 139.7 100.2 150.2
121 58.3 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.595 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion: 93 Resp: 206556
Ion Ratio Lower Upper
93 100
95 32.0 24.3 36.5
123 11.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 51.568 ng

RT: 10.50 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

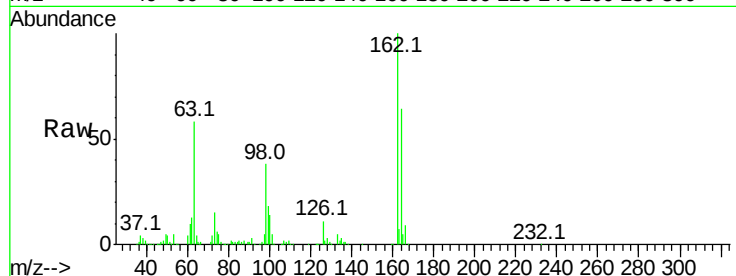
Tot Ion:162 Resp: 177931

Ion Ratio Lower Upper

162 100

164 63.8 48.0 88.0

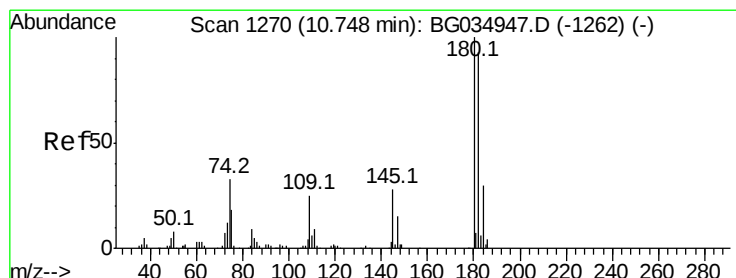
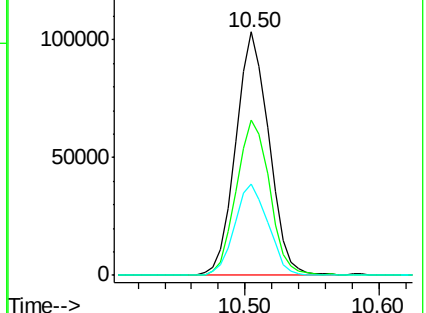
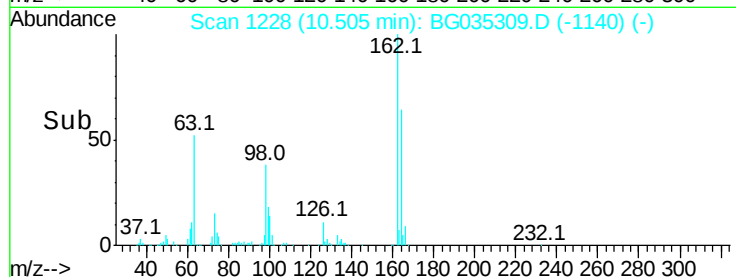
98 37.5 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.547 ng

RT: 10.72 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

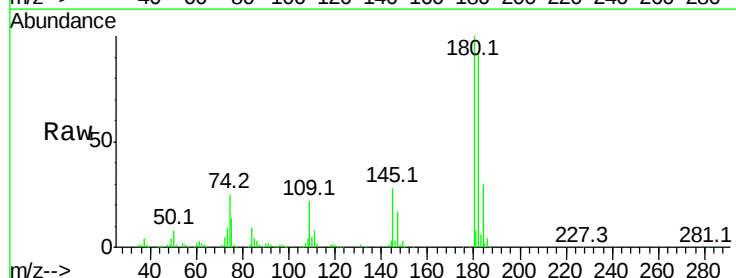
Tgt Ion:180 Resp: 188444

Ion Ratio Lower Upper

180 100

182 92.4 77.5 116.3

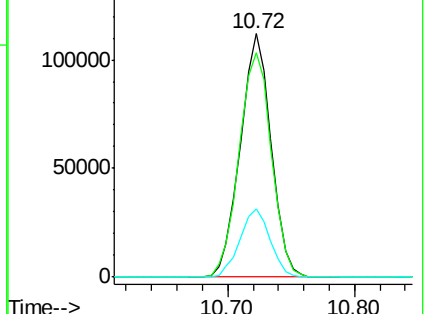
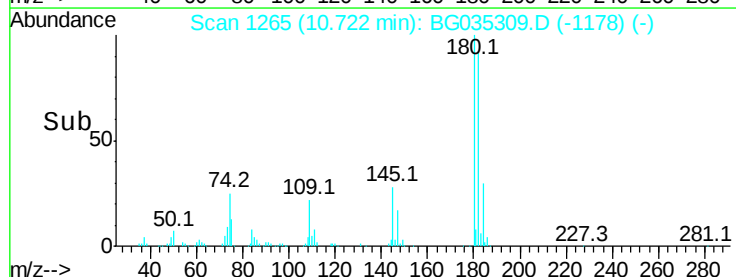
145 28.0 23.4 35.2

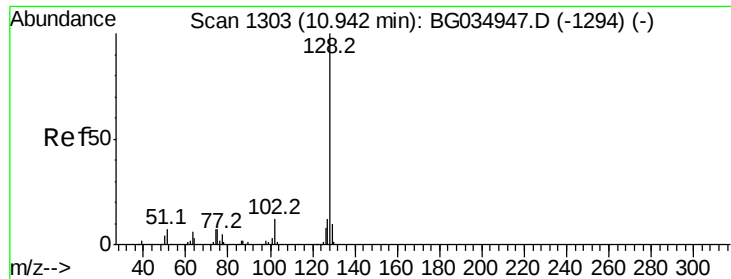


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

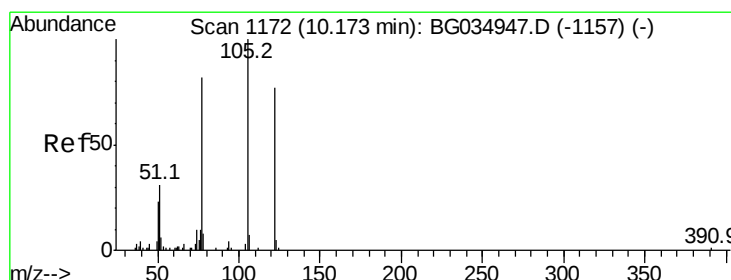
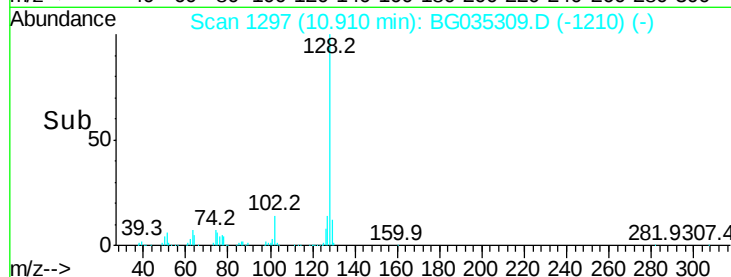
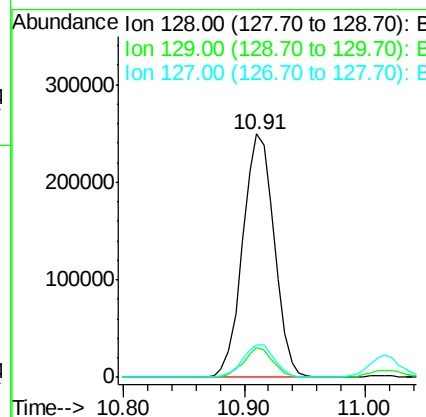
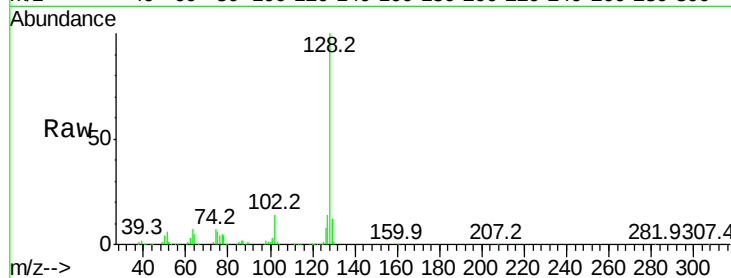




#31
Naphthalene
Concen: 42.916 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

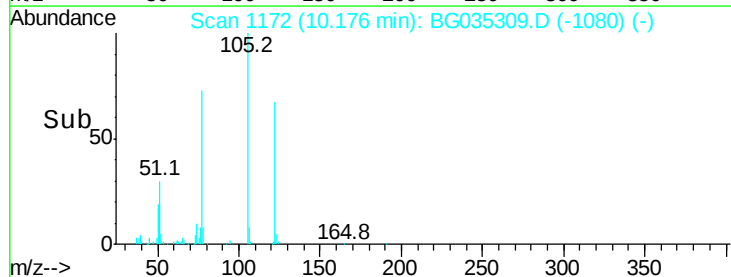
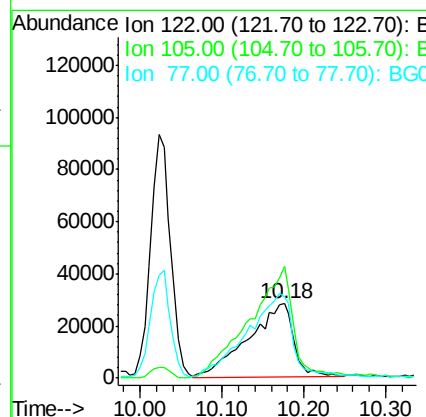
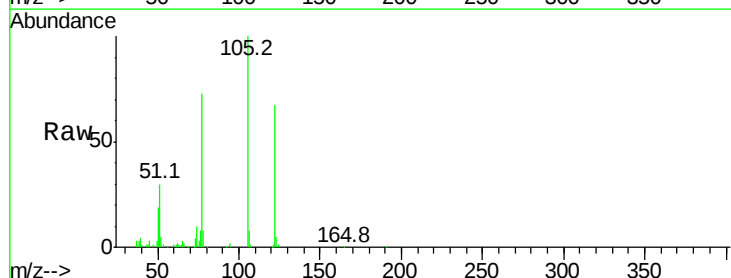
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 50.982 ng
RT: 10.18 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	149.8	123.5	163.5
77	108.7	85.7	125.7

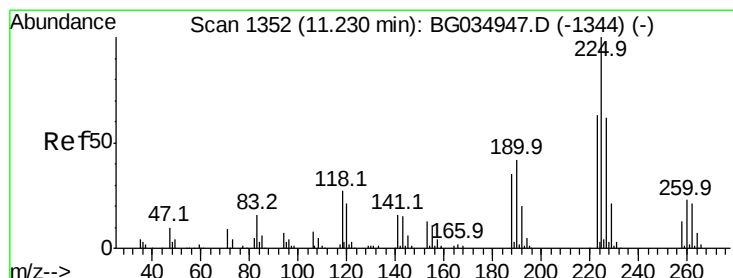
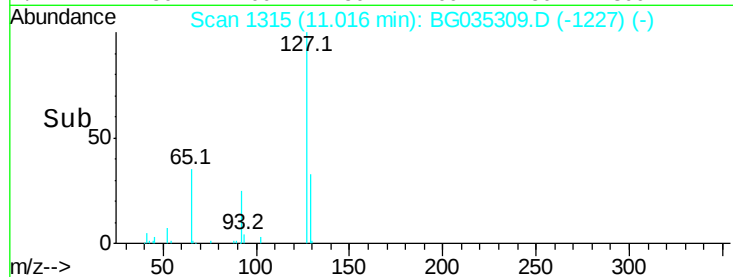
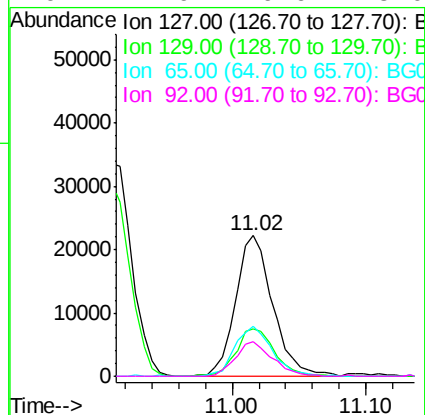
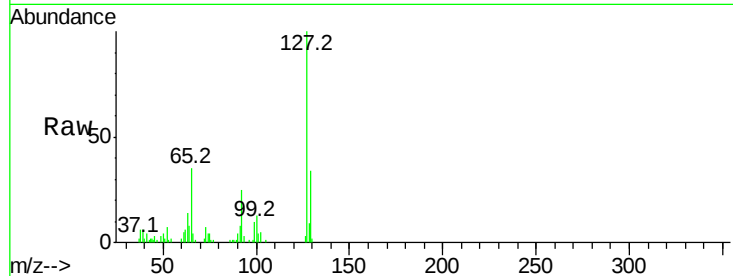




#33
4-Chloroaniline
Concen: 9.321 ng
RT: 11.02 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

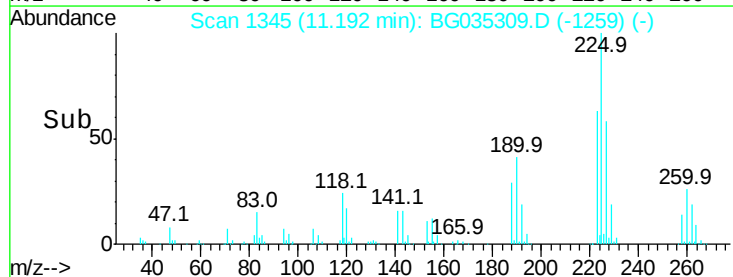
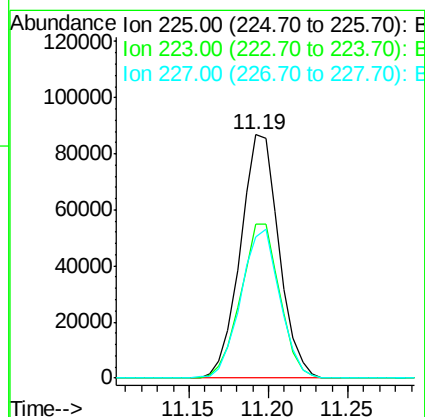
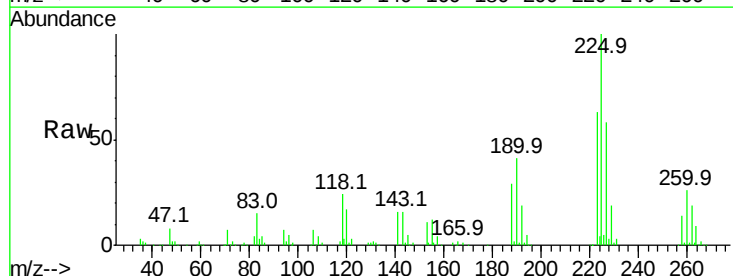
Instrument :
BNA_G
ClientSampled :

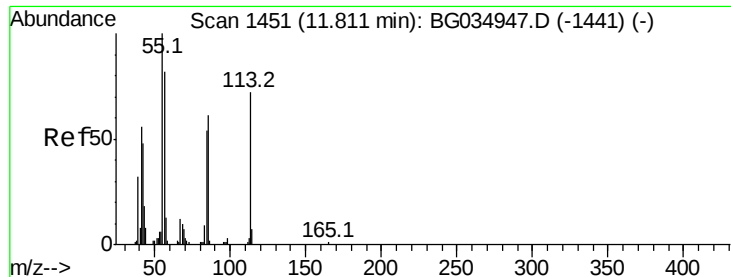
Tot Ion:	127	Resp:	42718
Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.0	36.0
65	35.4	27.0	40.4
92	24.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.368 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion:	225	Resp:	145979
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	58.1	48.1	72.1





#35

Caprolactam

Concen: 33.112 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

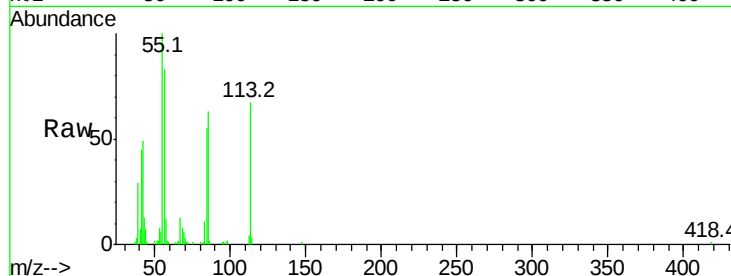
Tot Ion:113 Resp: 42224

Ion Ratio Lower Upper

113 100

55 148.6 186.9 226.9#

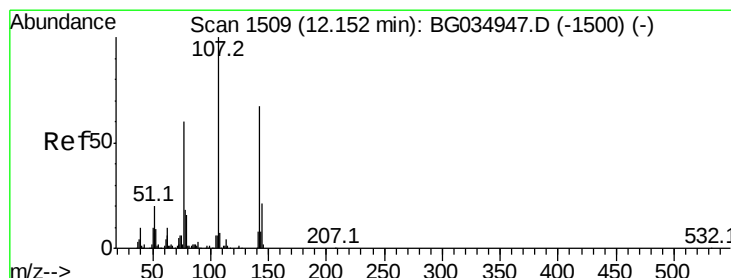
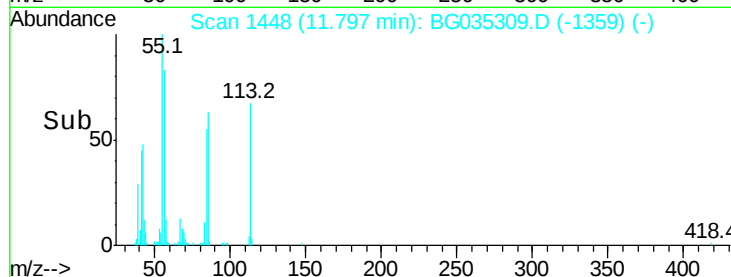
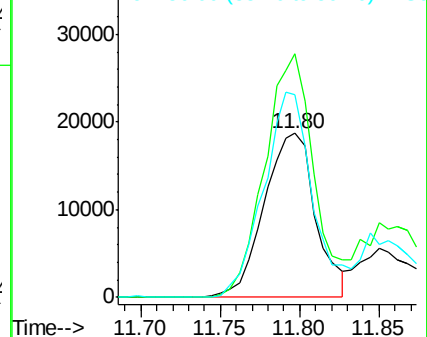
56 123.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG034947.D (-1441) (-)

Ion 56.00 (55.70 to 56.70): BG034947.D (-1441) (-)



#36

4-Chloro-3-methylphenol

Concen: 49.244 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

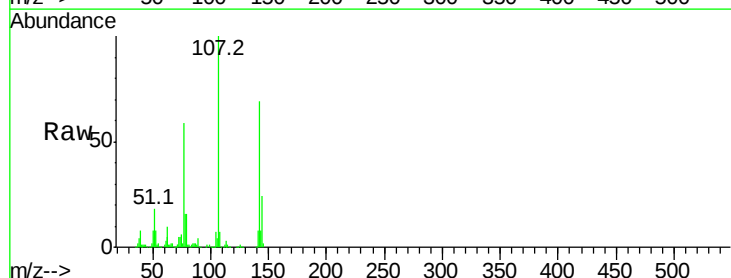
Tgt Ion:107 Resp: 211801

Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.4

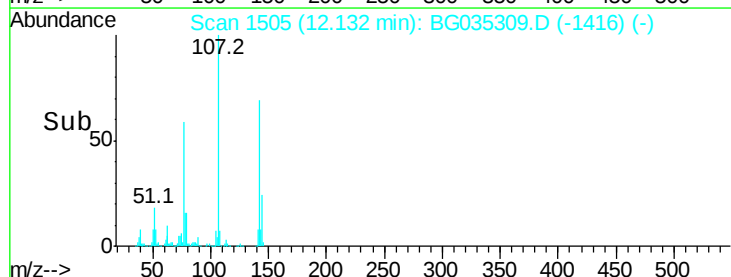
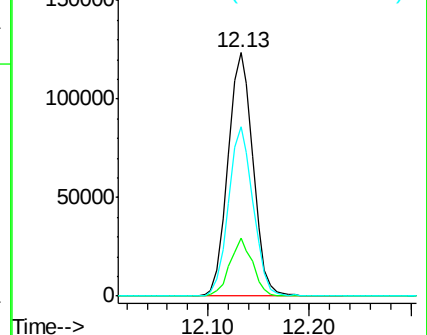
142 69.4 59.0 88.4

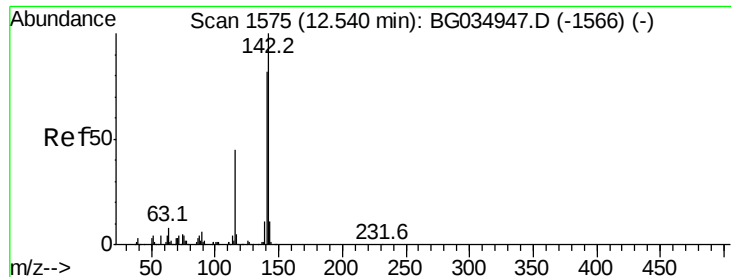


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG034947.D (-1500) (-)

Ion 142.00 (141.70 to 142.70): BG034947.D (-1500) (-)





#37

2-Methylnaphthalene

Concen: 44.320 ng

RT: 12.51 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

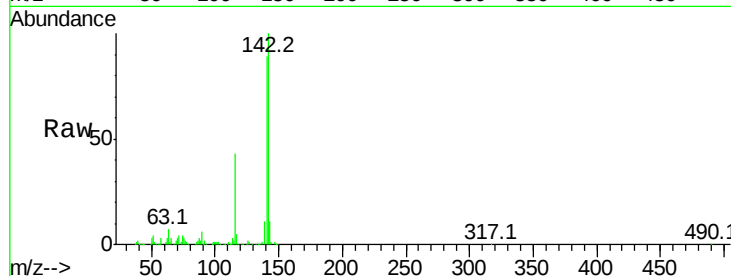
Tot Ion:142 Resp: 354644

Ion Ratio Lower Upper

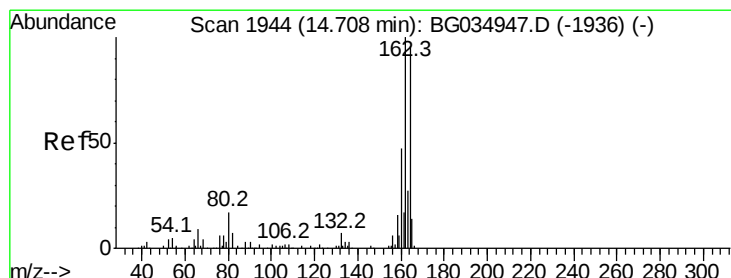
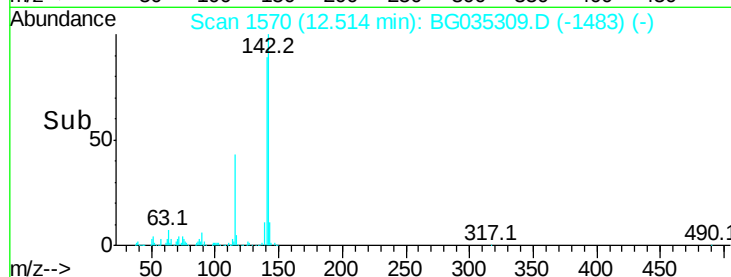
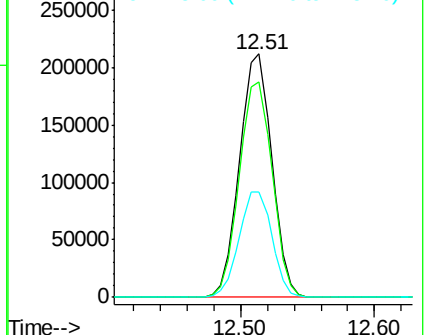
142 100

141 88.6 67.1 100.7

115 43.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

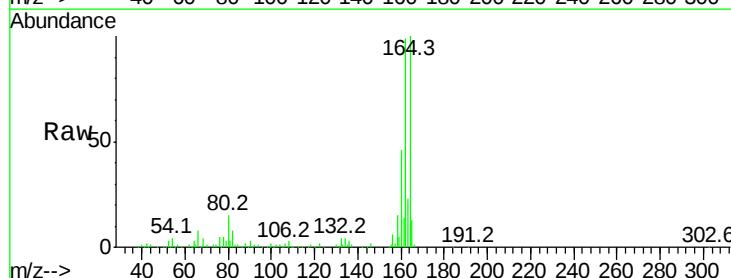
Tgt Ion:164 Resp: 146653

Ion Ratio Lower Upper

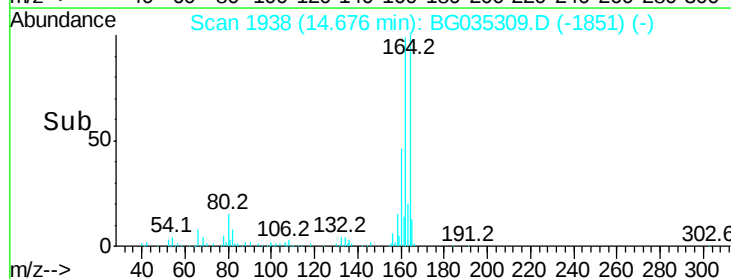
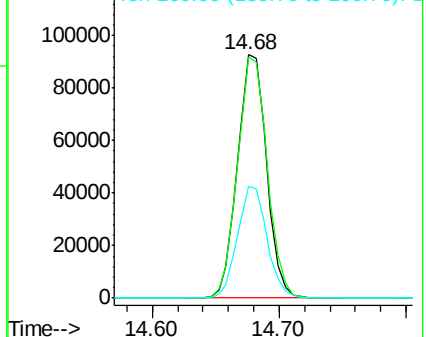
164 100

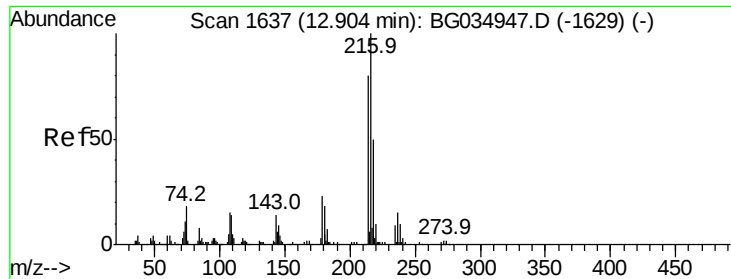
162 98.9 78.8 118.2

160 45.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.406 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 248030

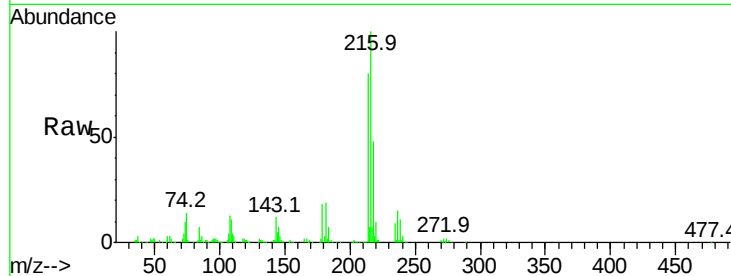
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 19.4 17.0 25.6

108 16.7 12.8 19.2

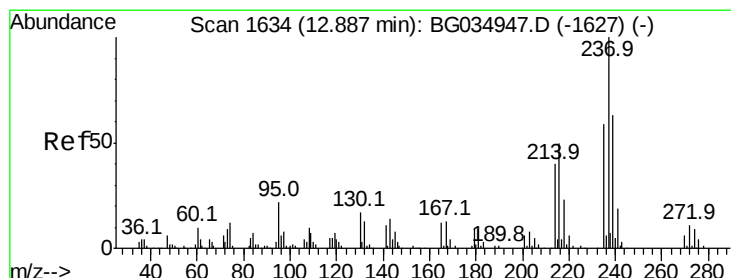
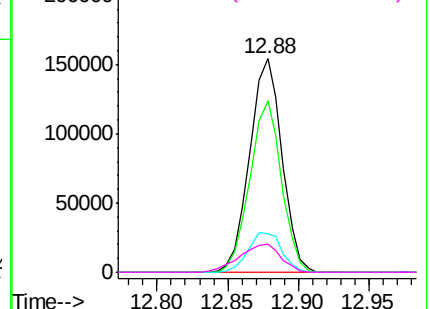
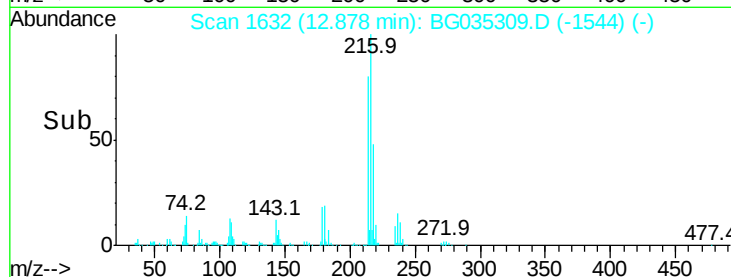


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 101.388 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.03 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

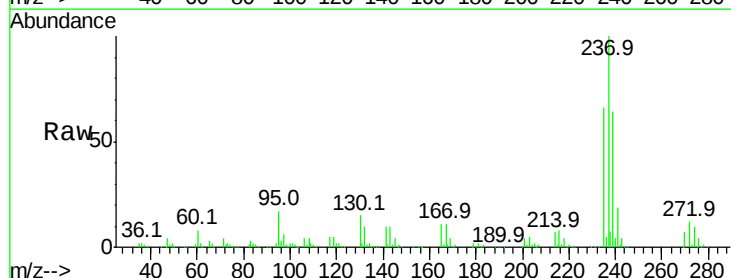
Tgt Ion:237 Resp: 347306

Ion Ratio Lower Upper

237 100

235 66.2 50.4 90.4

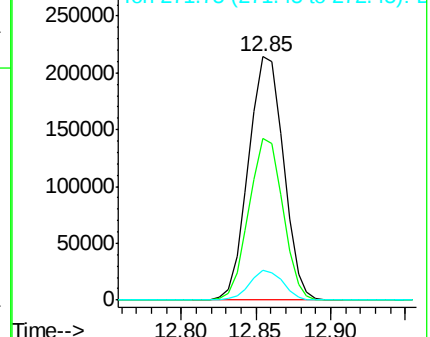
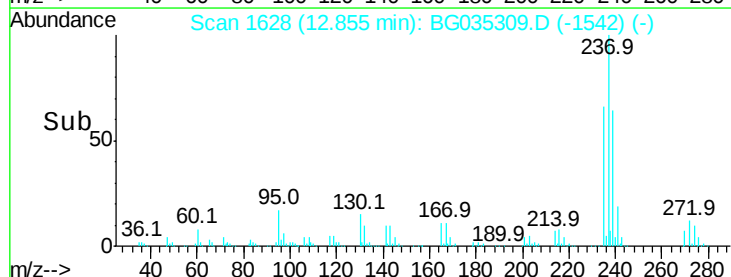
272 12.2 0.0 31.8

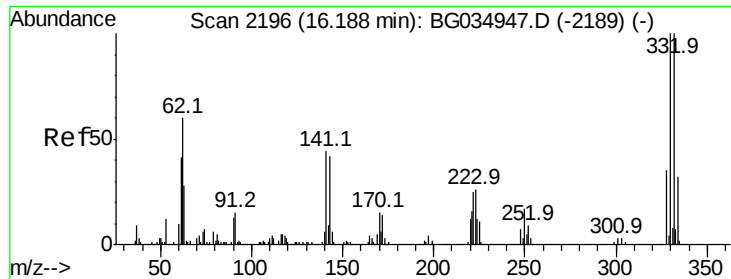


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

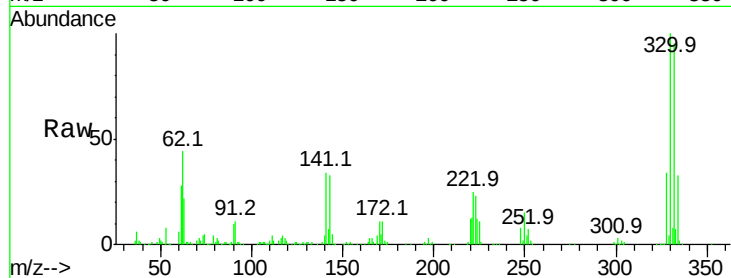




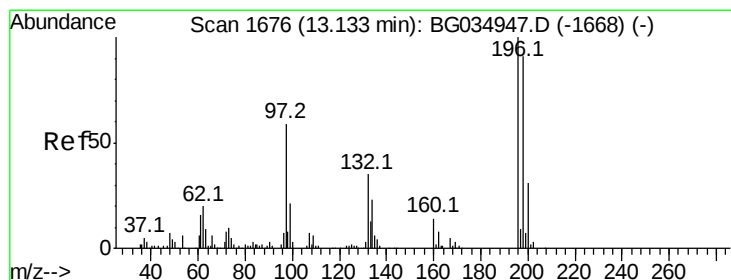
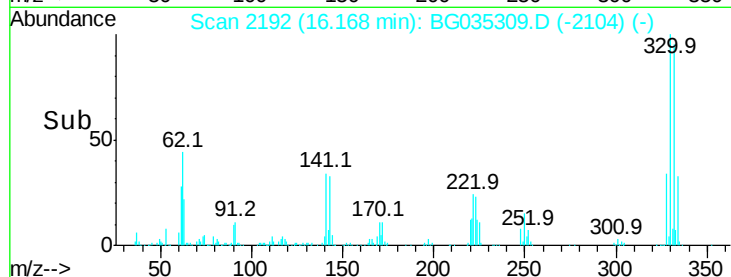
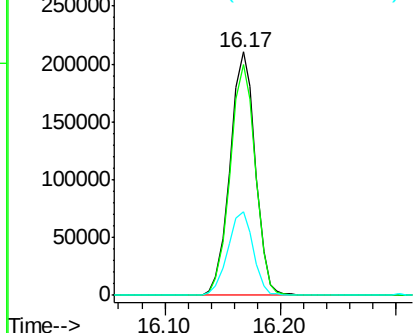
#41
 2,4,6-Tribromophenol
 Concen: 169.393 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.6	25.2	37.8

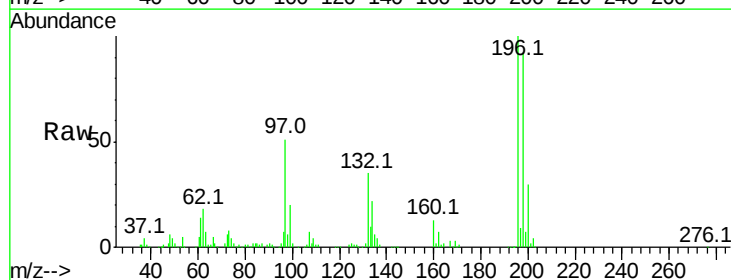


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

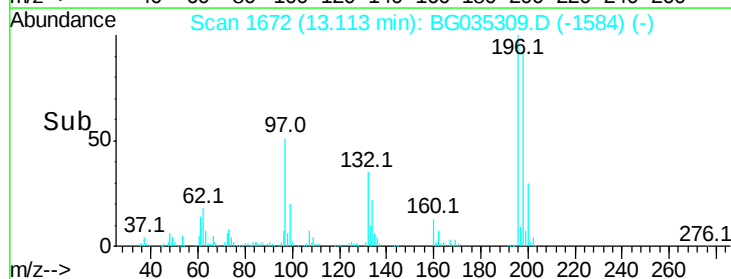
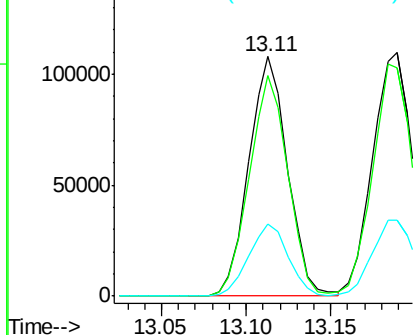


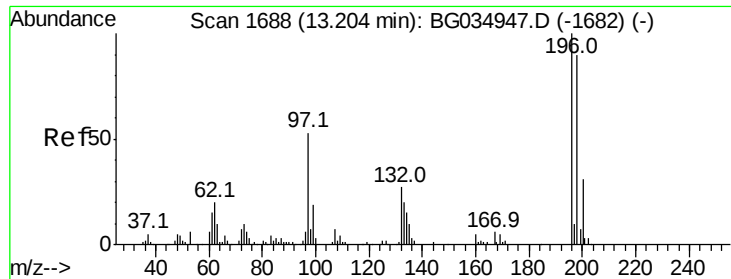
#42
 2,4,6-Trichlorophenol
 Concen: 52.448 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	78.2	117.2
200	30.0	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

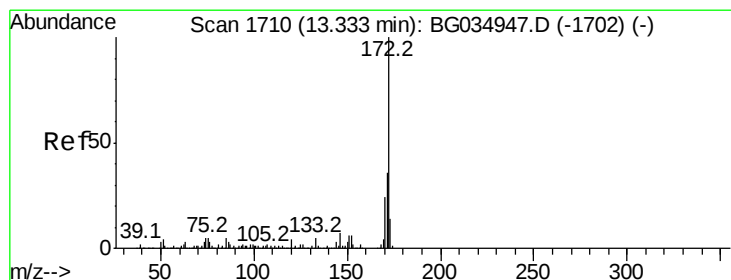
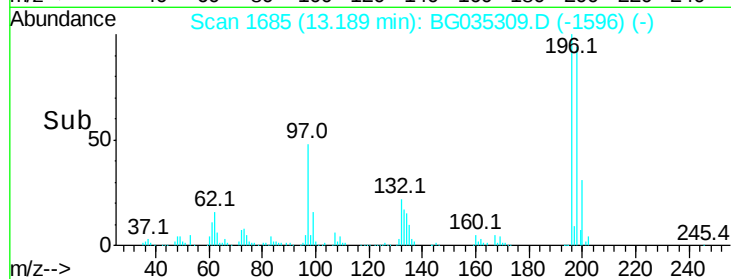
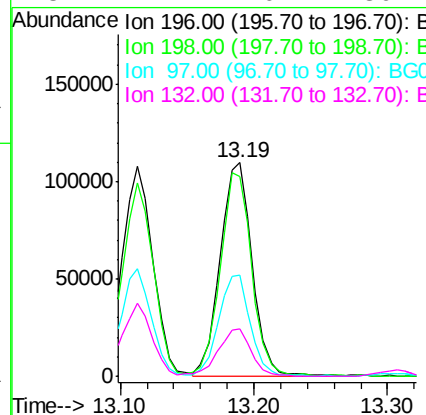
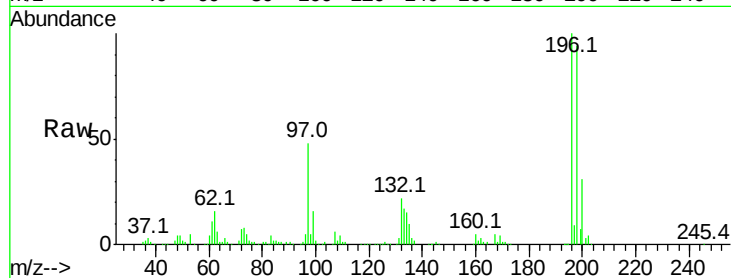




#43
 2,4,5-Trichlorophenol
 Concen: 50.900 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

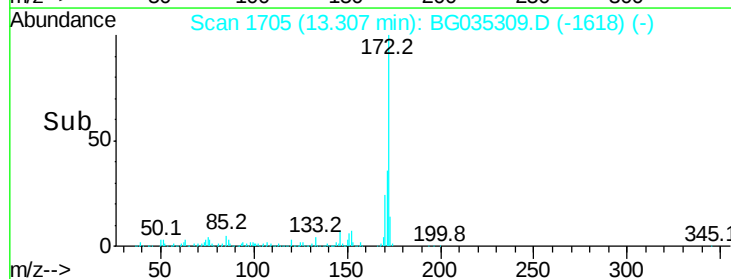
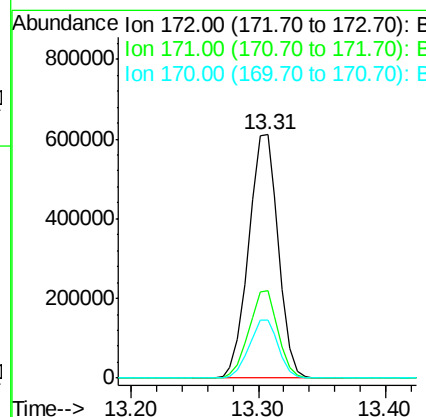
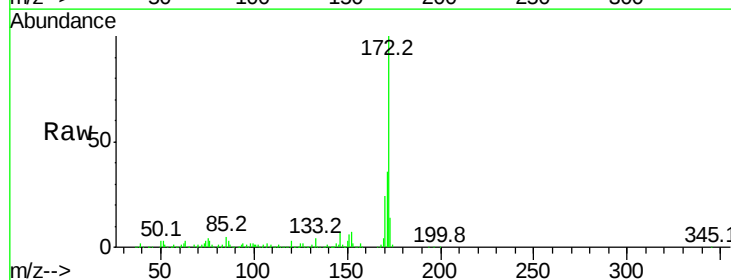
Instrument :
 BNA_G
 ClientSampleId :

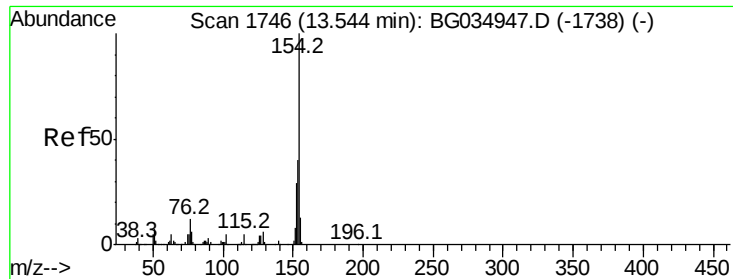
Tot Ion:	196	Resp:	182731
Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.4
97	47.6	38.7	58.1
132	22.4	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 87.903 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion:	172	Resp:	991636
Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.8	19.5	29.3





#45

1,1'-Biphenyl

Concen: 41.419 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

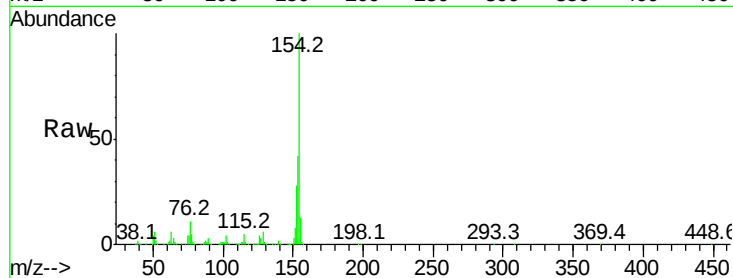
Tot Ion:154 Resp: 488426

Ion Ratio Lower Upper

154 100

153 42.2 19.8 59.8

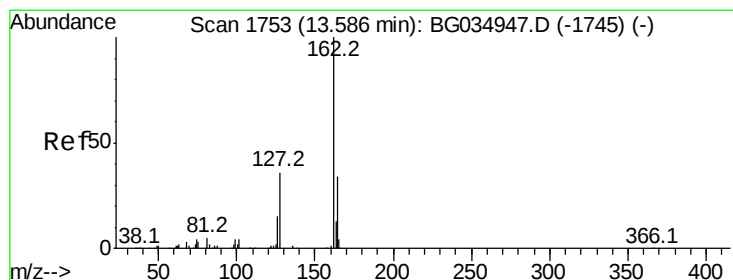
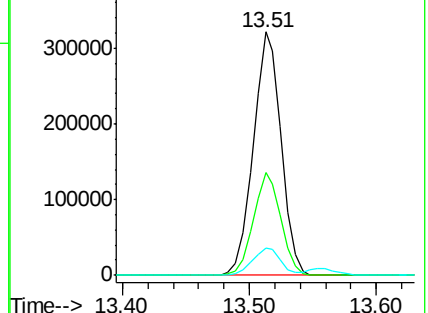
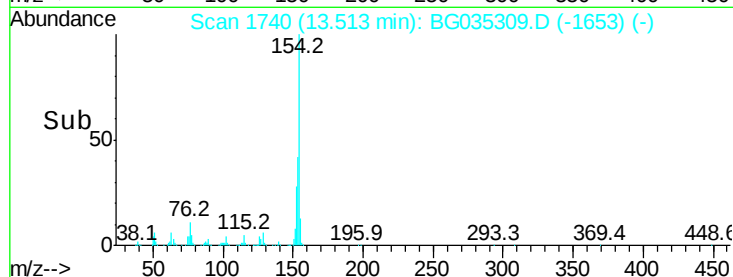
76 11.3 0.0 31.9



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: 43.149 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

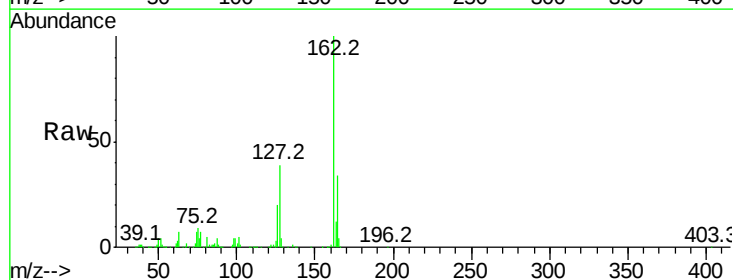
Tgt Ion:162 Resp: 384705

Ion Ratio Lower Upper

162 100

127 39.0 30.7 46.1

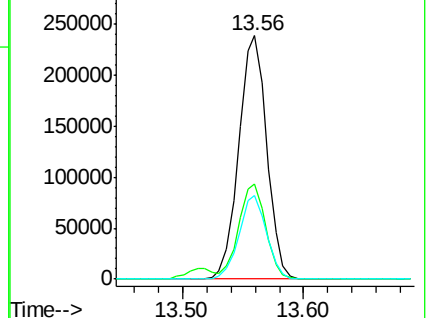
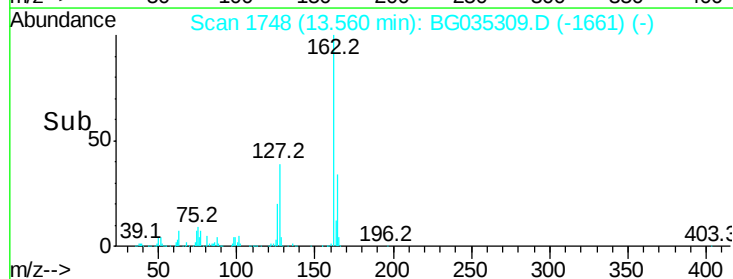
164 34.3 26.0 39.0

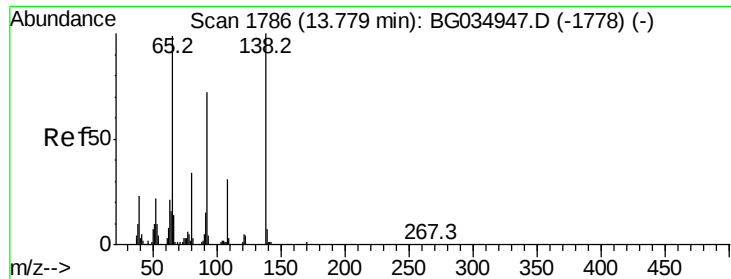


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

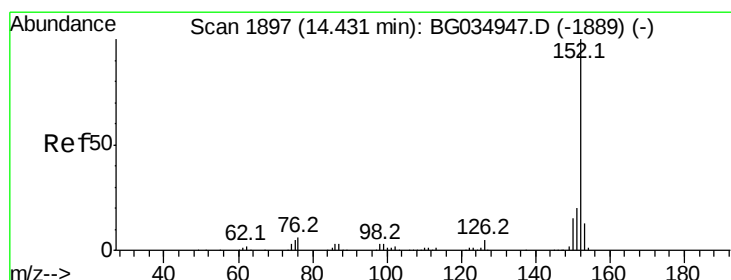
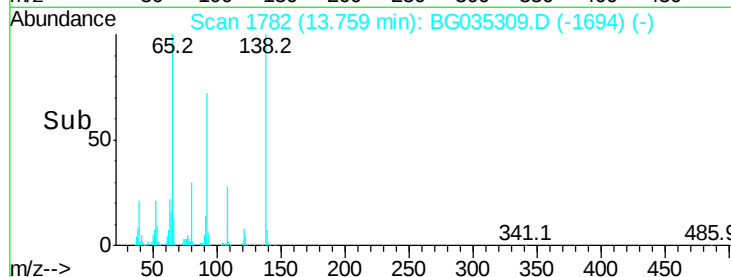
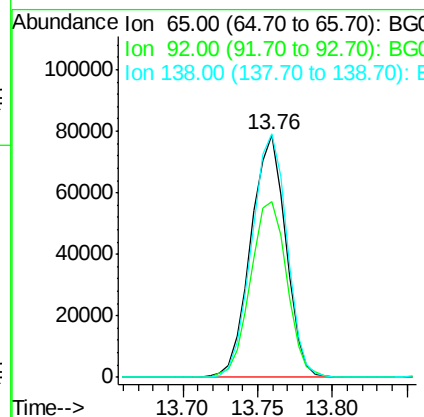
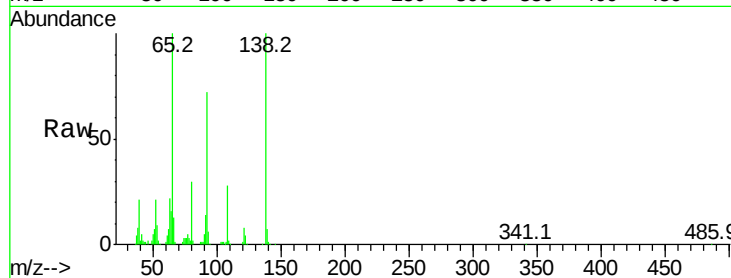




#47
2-Nitroaniline
Concen: 48.488 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

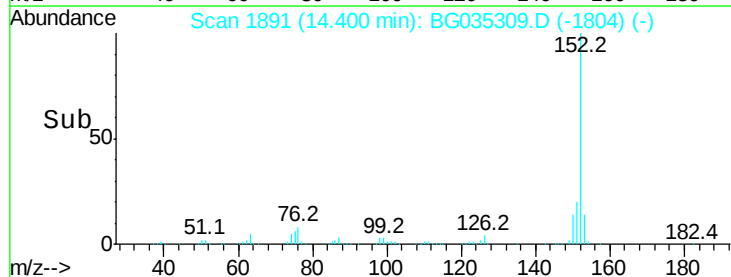
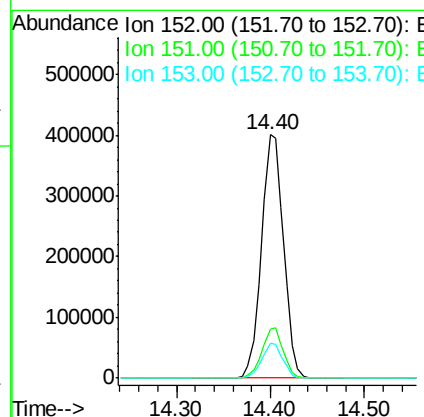
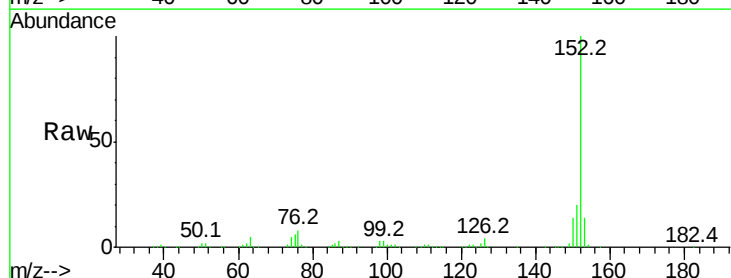
Instrument :
BNA_G
ClientSampleId :

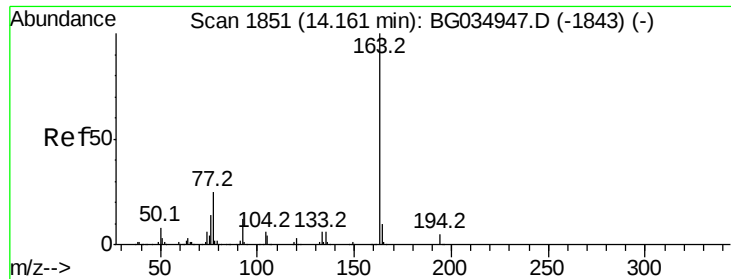
Tot Ion: 65 Resp: 127657
Ion Ratio Lower Upper
65 100
92 72.4 54.6 82.0
138 100.2 72.9 109.3



#48
Acenaphthylene
Concen: 43.344 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion: 152 Resp: 647987
Ion Ratio Lower Upper
152 100
151 19.9 17.2 25.8
153 14.4 10.2 15.4

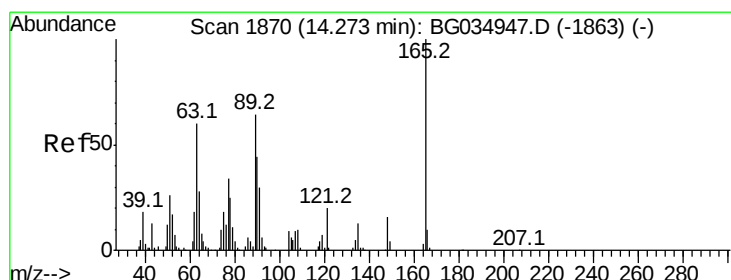
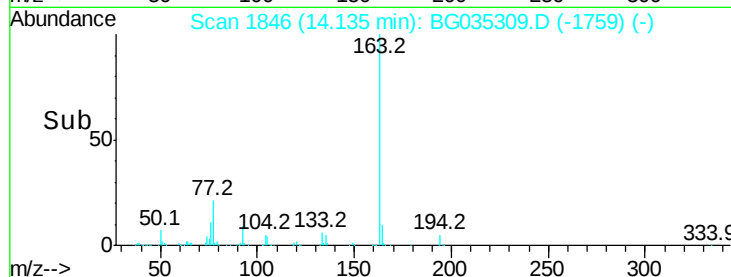
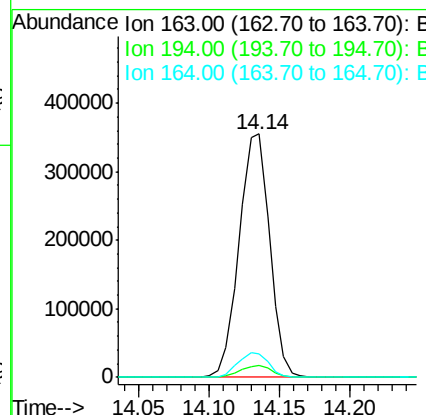
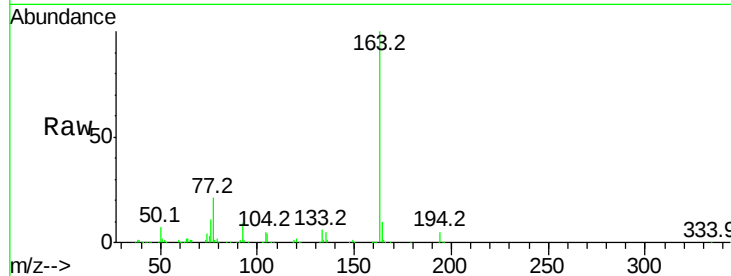




#49
Dimethylphthalate
Concen: 41.970 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

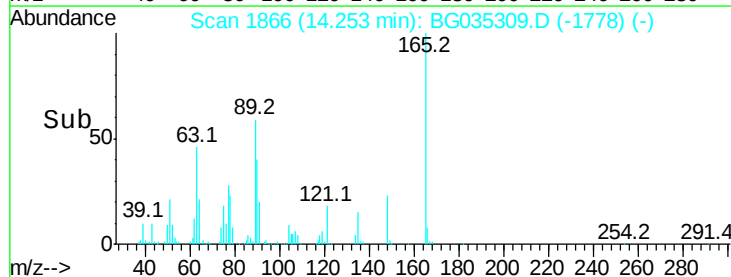
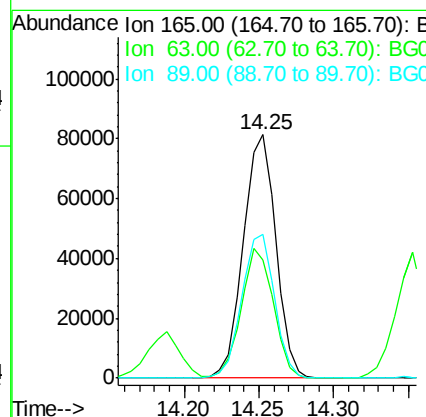
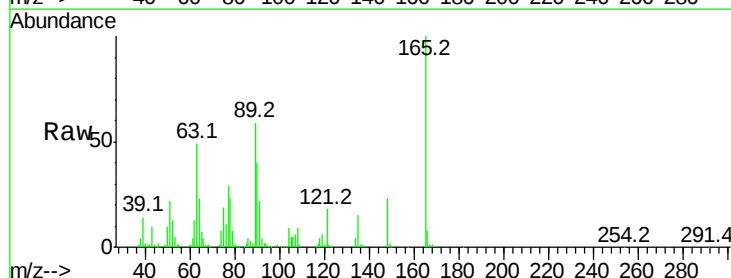
Instrument :
BNA_G
ClientSampleId :

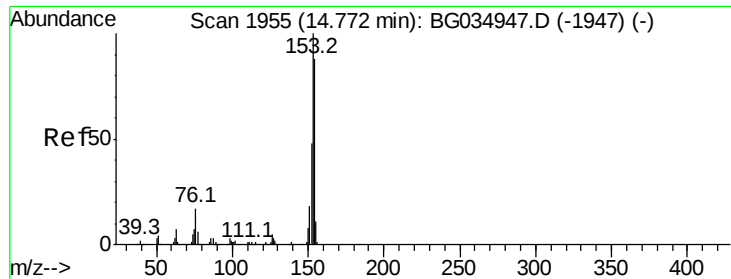
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.2
164	9.5	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 52.641 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	52.7	79.1#
89	59.2	49.2	73.8





#51

Acenaphthene

Concen: 39.872 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

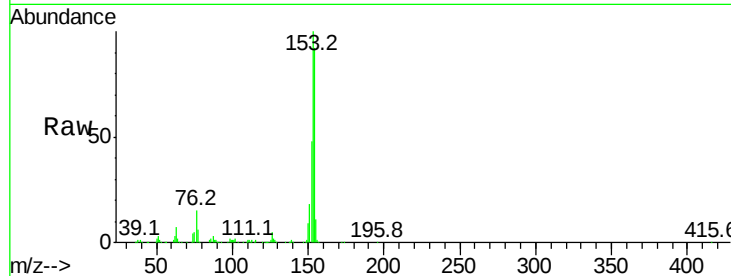
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 389467

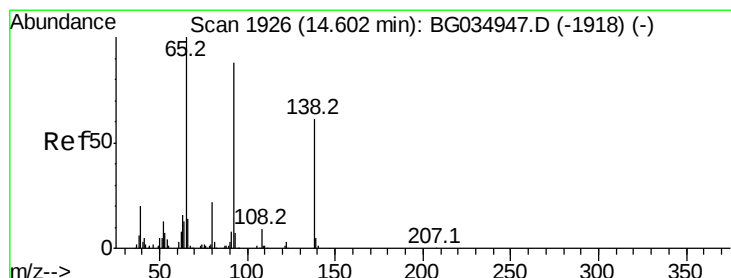
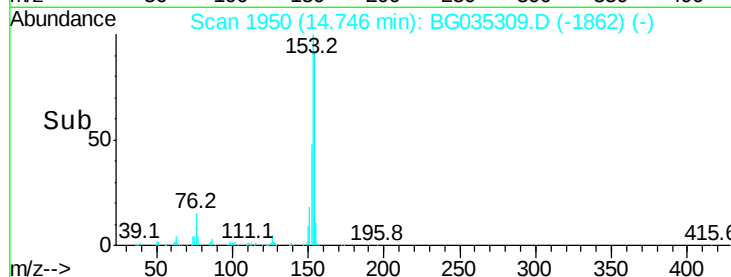
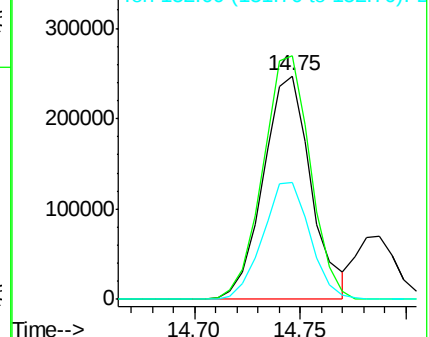
Ion	Ratio	Lower	Upper
154	100		
153	108.9	90.4	135.6
152	52.1	41.6	62.4



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: 19.765 ng

RT: 14.58 min Scan# 1922

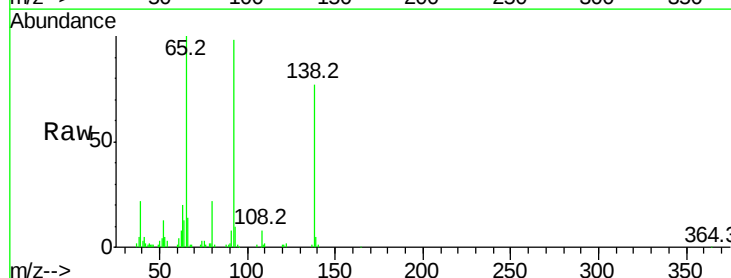
Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Tgt Ion:138 Resp: 45250

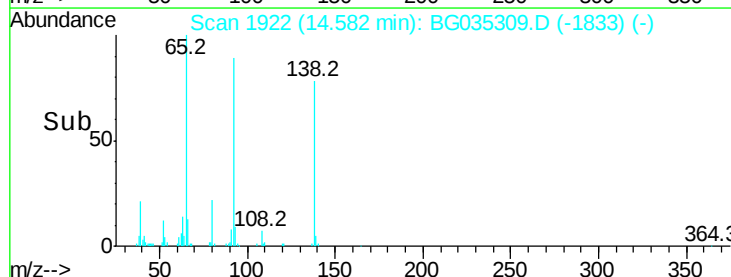
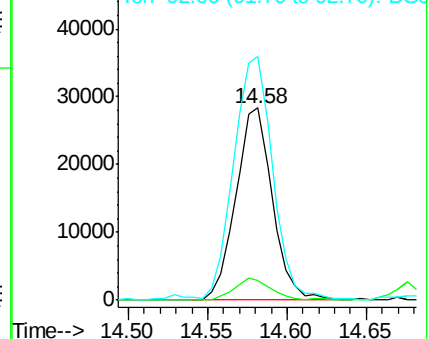
Ion	Ratio	Lower	Upper
138	100		
108	10.5	17.5	26.3#
92	126.8	105.8	158.8

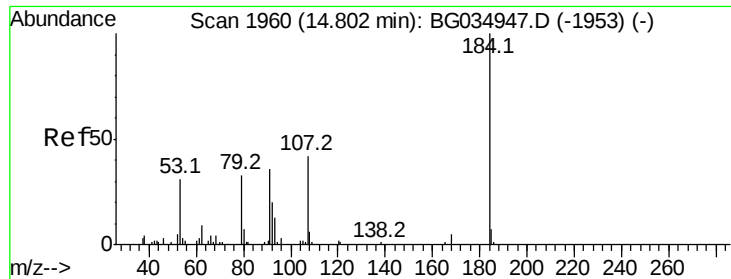


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 156.527 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

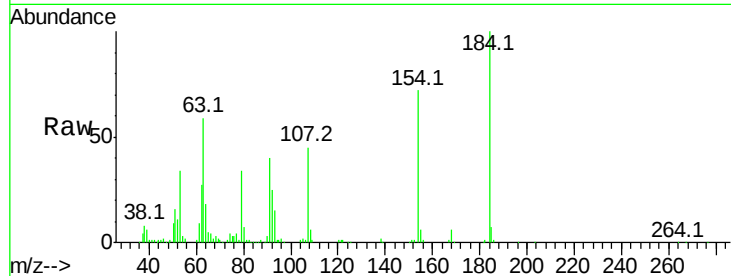
Tot Ion:184 Resp: 147794

Ion Ratio Lower Upper

184 100

63 59.3 59.8 89.8#

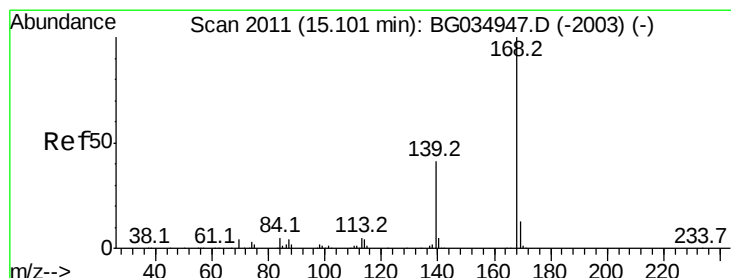
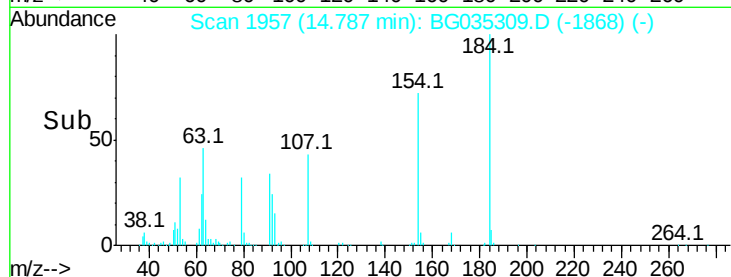
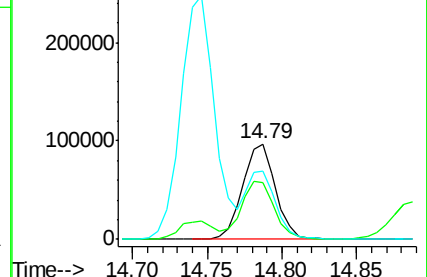
154 72.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.360 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

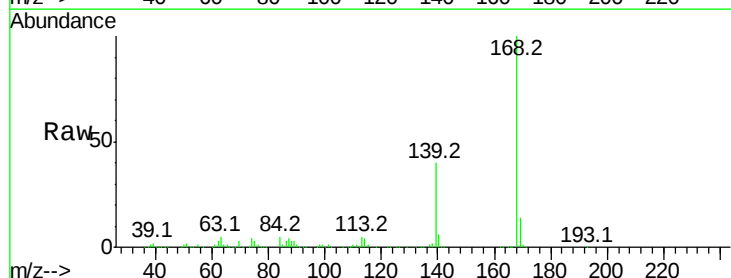
Tgt Ion:168 Resp: 634321

Ion Ratio Lower Upper

168 100

139 39.7 28.6 43.0

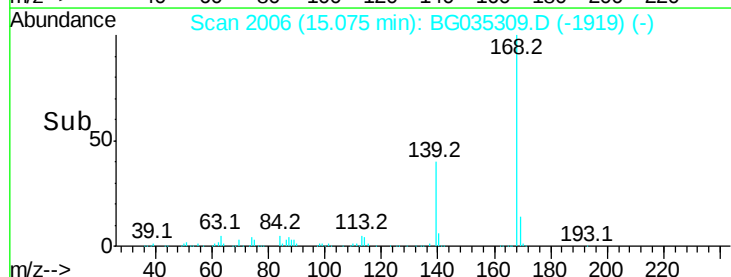
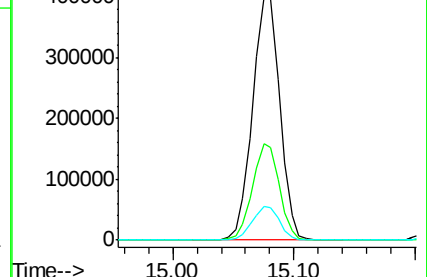
169 13.6 11.2 16.8

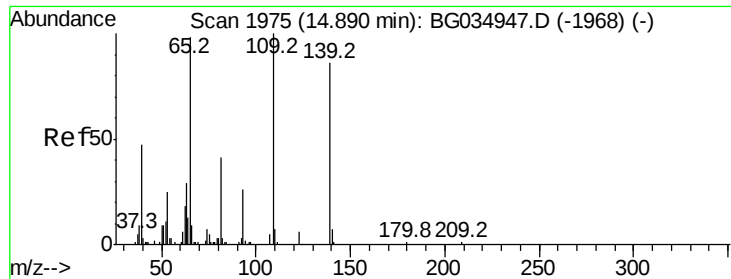


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

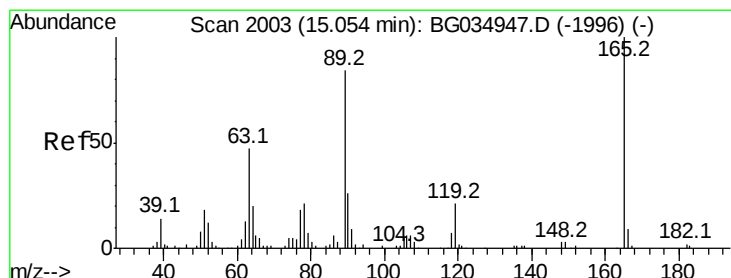
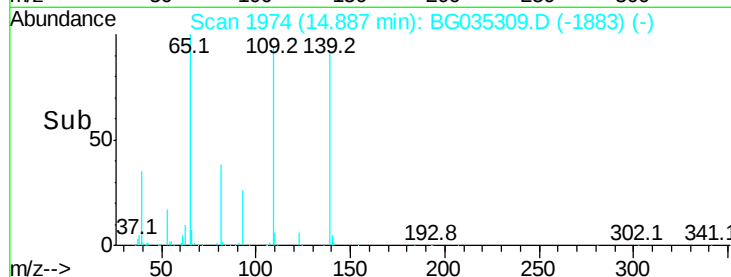
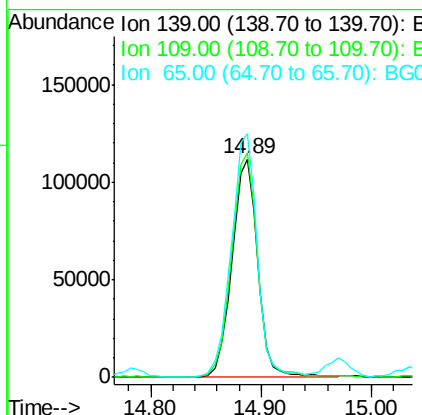
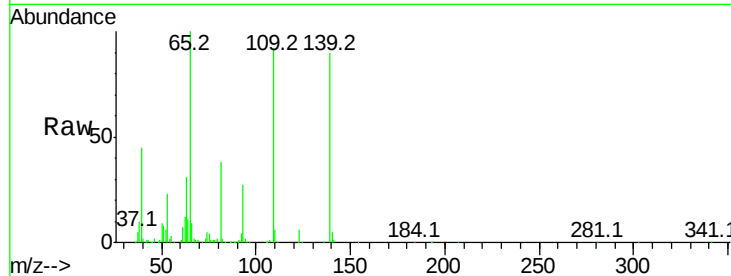




#55
4-Nitrophenol
Concen: 94.653 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

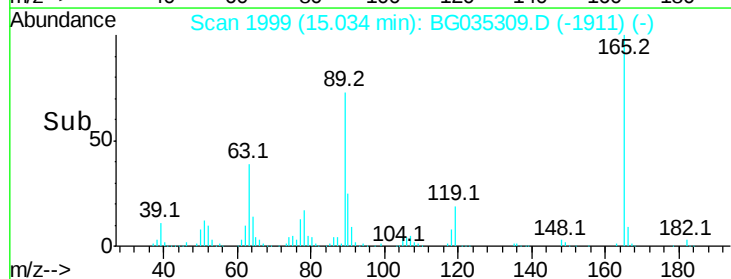
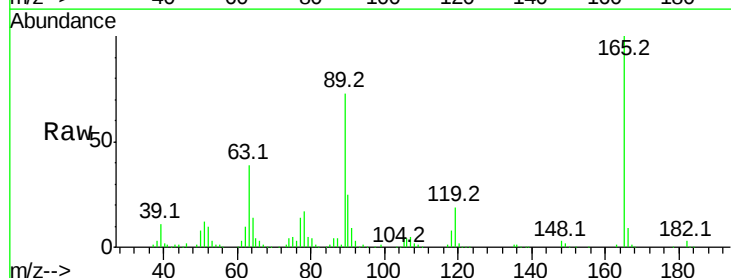
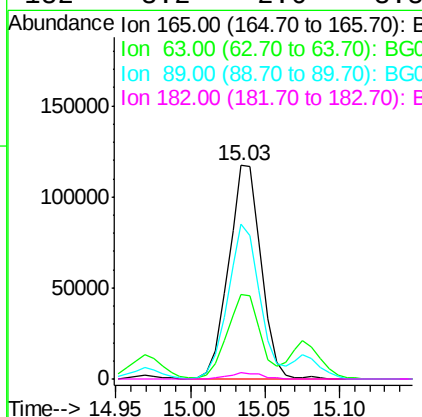
Instrument :
BNA_G
ClientSampleId :

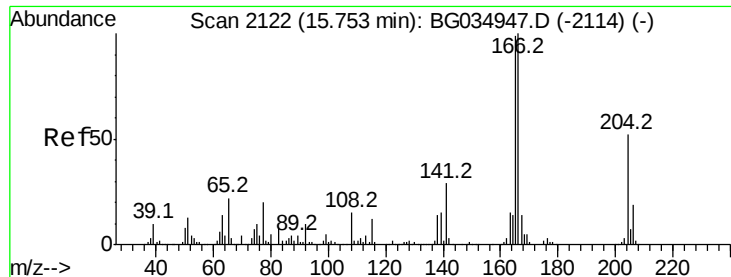
Tot Ion:139 Resp: 182883
Ion Ratio Lower Upper
139 100
109 102.7 62.2 102.2#
65 111.4 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 57.614 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion:165 Resp: 178558
Ion Ratio Lower Upper
165 100
63 39.5 42.0 63.0#
89 72.6 66.9 100.3
182 3.2 2.6 3.8

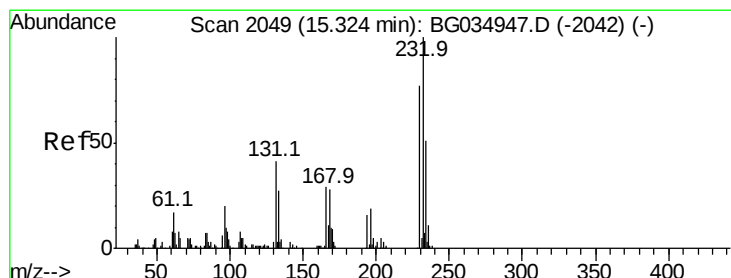
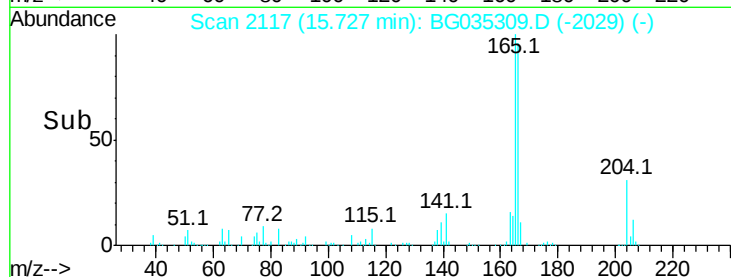
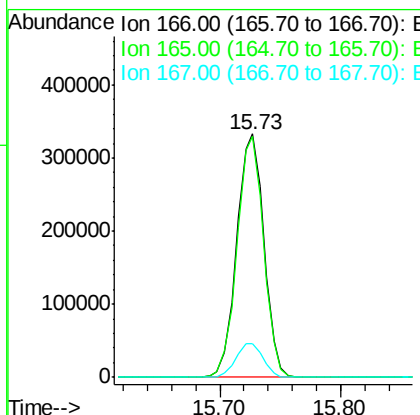
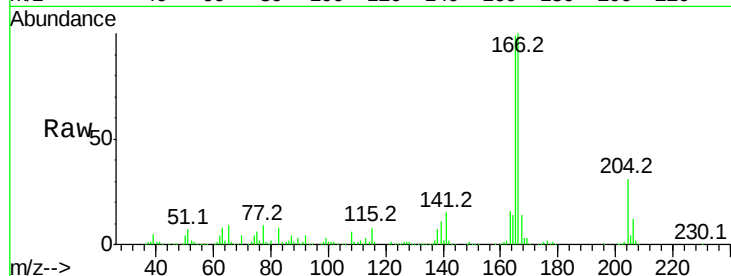




#57
Fluorene
 Concen: 42.468 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

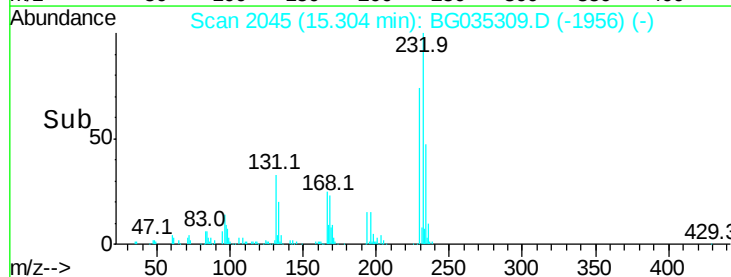
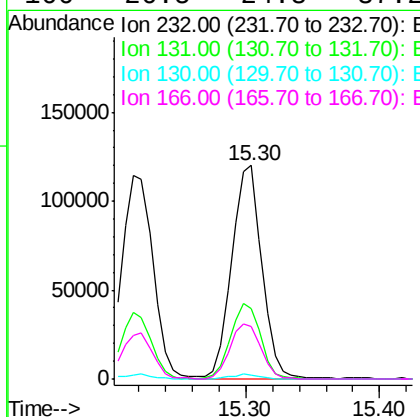
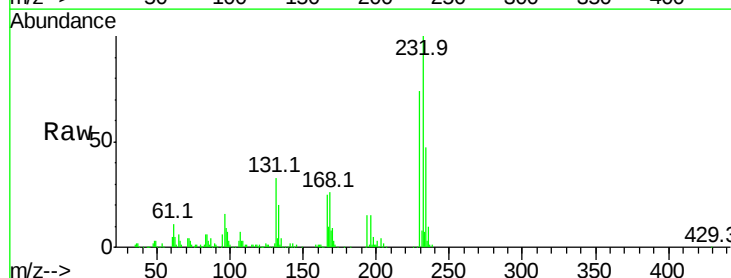
Instrument :
 BNA_G
 ClientSampled :

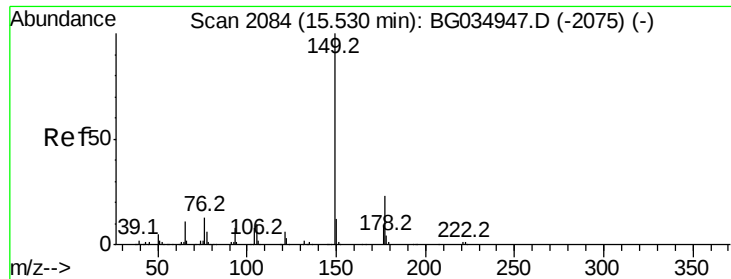
Tot Ion:166 Resp: 519222
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.6 121.0
 167 14.0 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.200 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion:232 Resp: 189026
 Ion Ratio Lower Upper
 232 100
 131 35.4 33.5 50.3
 130 1.9 2.2 3.2#
 166 26.5 24.8 37.2





#59

Diethylphthalate

Concen: 40.254 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.03 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampled :

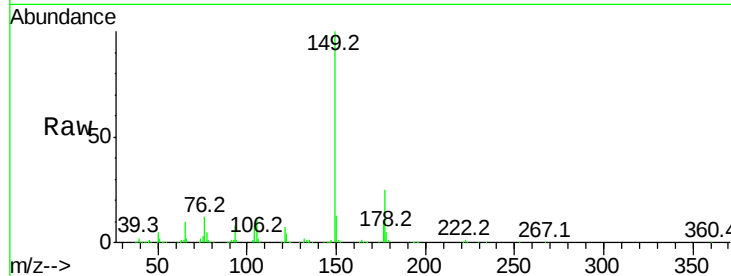
Tot Ion:149 Resp: 525214

Ion Ratio Lower Upper

149 100

177 25.3 18.5 27.7

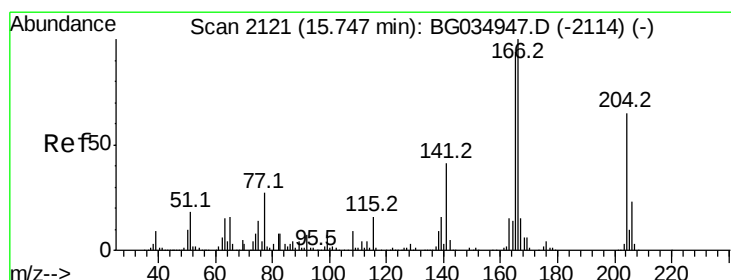
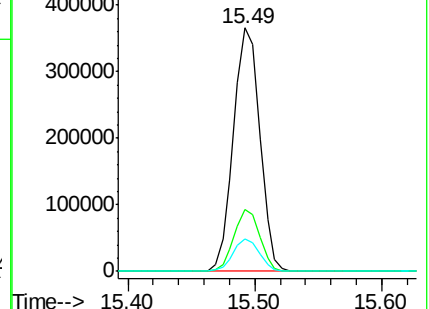
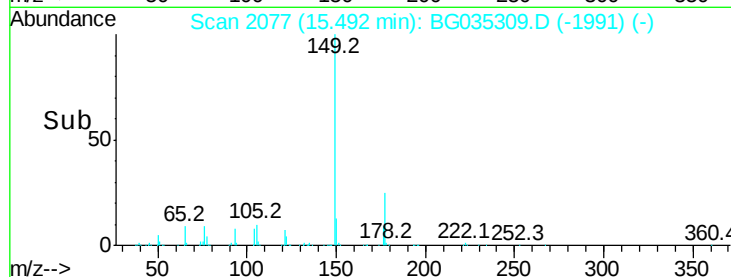
150 13.1 10.2 15.2



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: 43.342 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.03 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

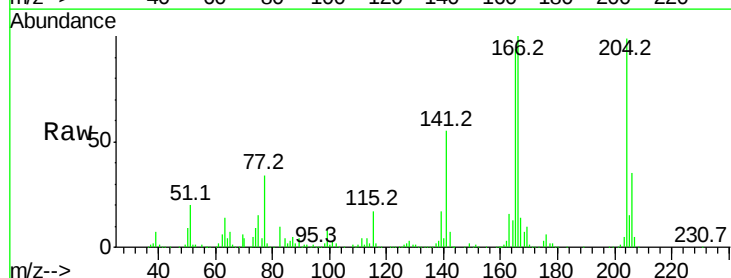
Tgt Ion:204 Resp: 302163

Ion Ratio Lower Upper

204 100

206 35.2 26.2 39.2

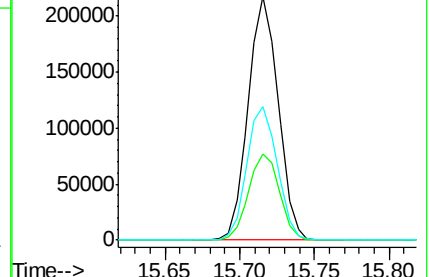
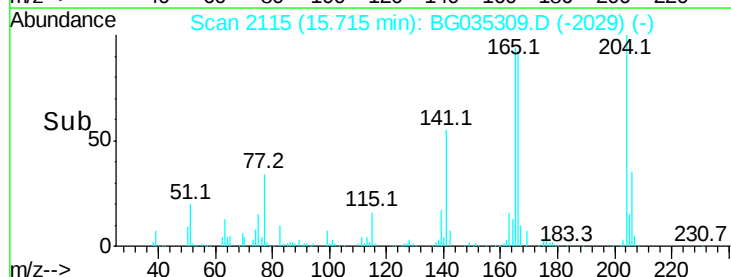
141 55.1 45.8 68.6

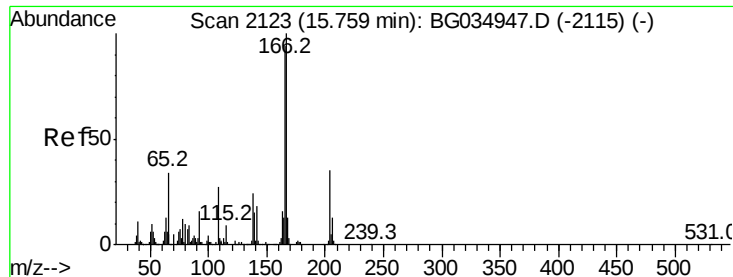


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

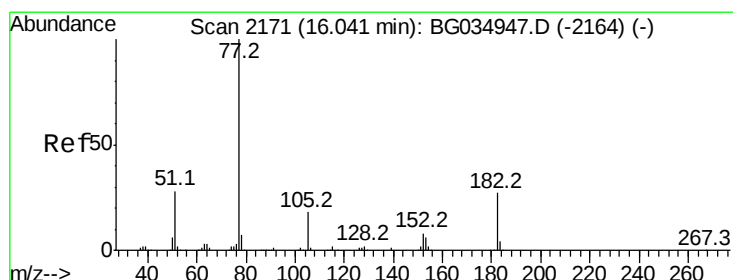
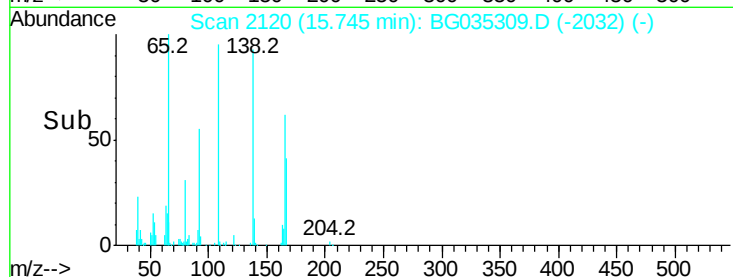
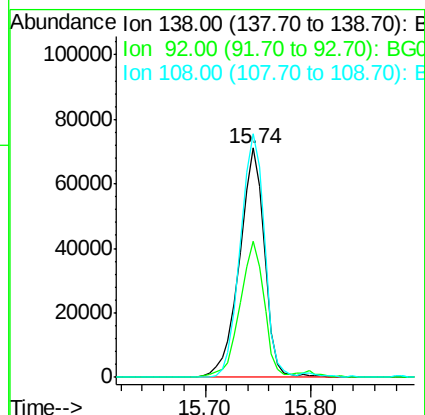
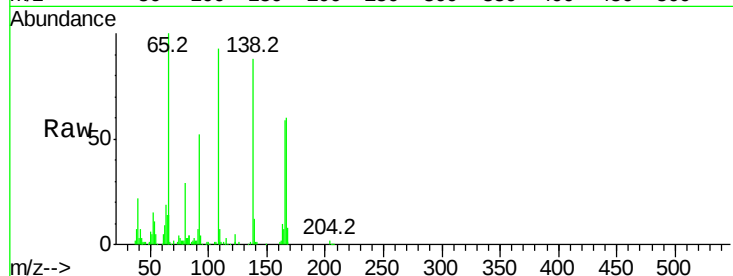




#61
4-Nitroaniline
Concen: 47.474 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

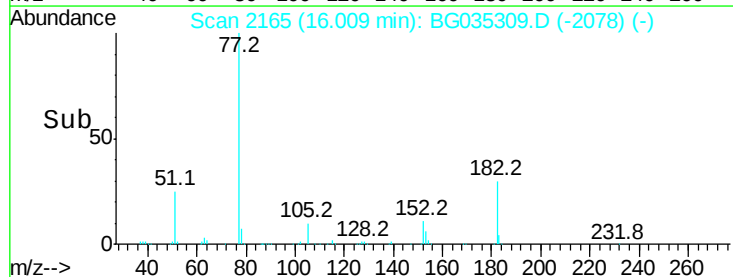
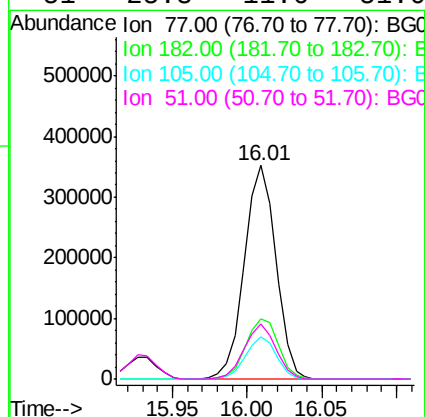
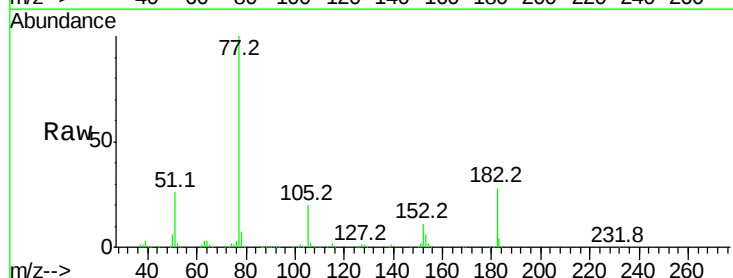
Instrument :
BNA_G
ClientSampleId :

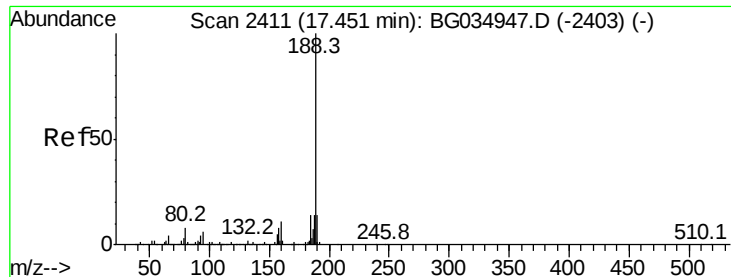
Tot Ion:138 Resp: 116558
Ion Ratio Lower Upper
138 100
92 59.1 40.1 80.1
108 106.2 65.4 105.4#



#62
Azobenzene
Concen: 40.262 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion: 77 Resp: 514777
Ion Ratio Lower Upper
77 100
182 28.2 7.4 47.4
105 19.6 0.3 40.3
51 25.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

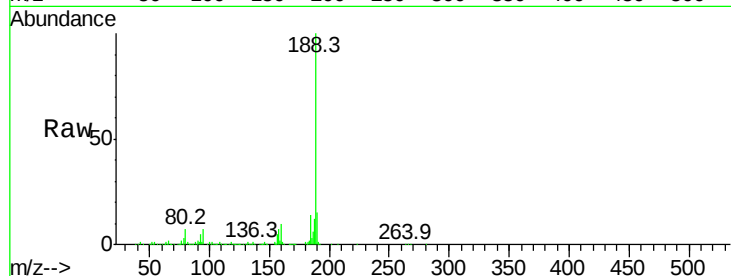
Tot Ion:188 Resp: 388212

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

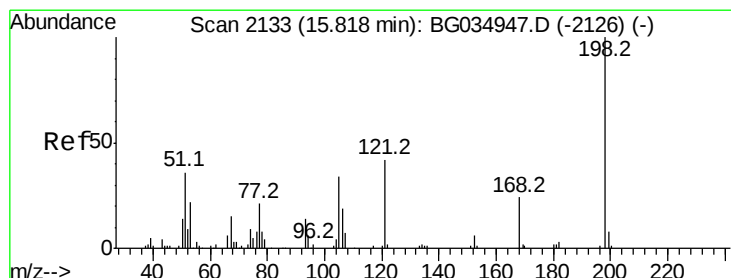
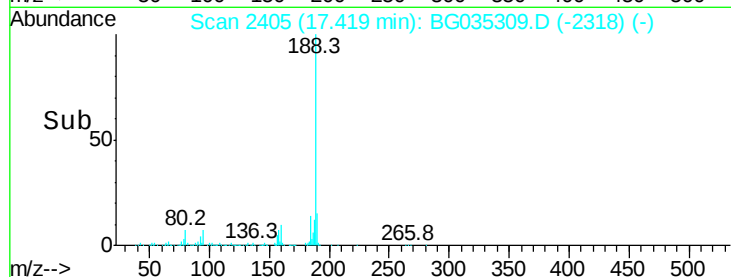
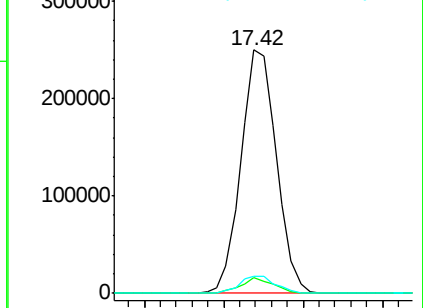
80 6.8 7.7 11.5#



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: 58.543 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

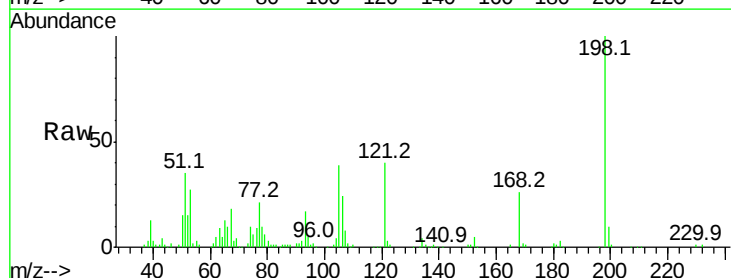
Tgt Ion:198 Resp: 103765

Ion Ratio Lower Upper

198 100

51 34.8 30.6 70.6

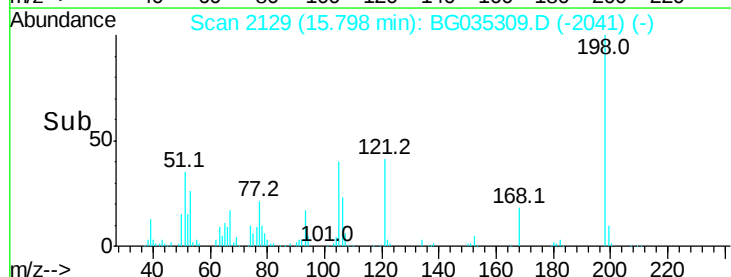
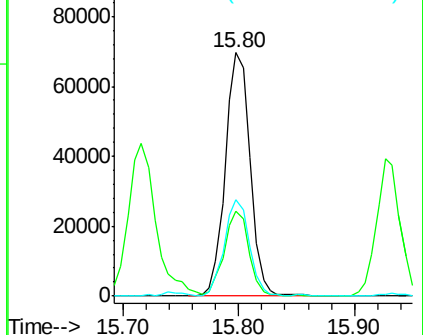
105 39.5 23.8 63.8

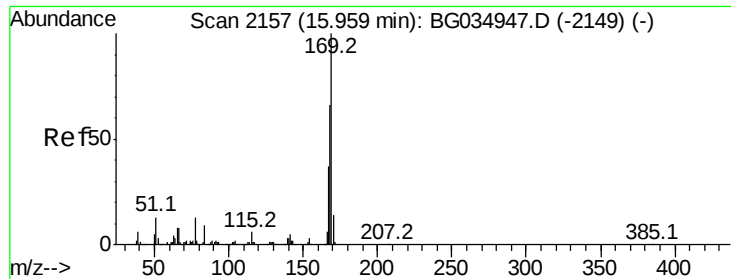


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

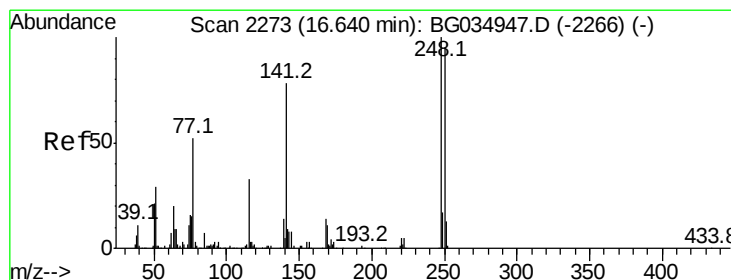
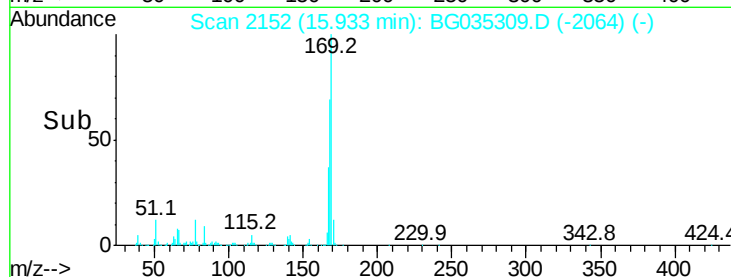
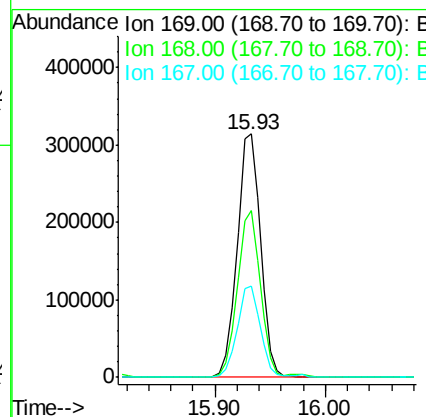
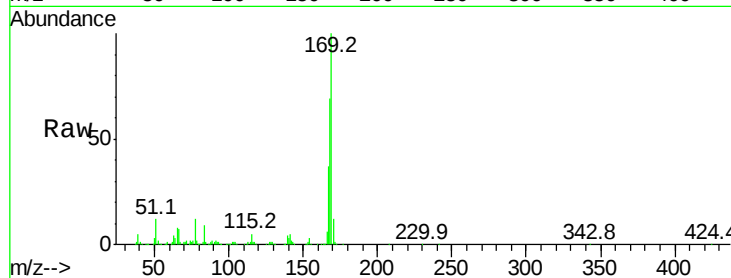




#65
n-Nitrosodiphenylamine
Concen: 40.205 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

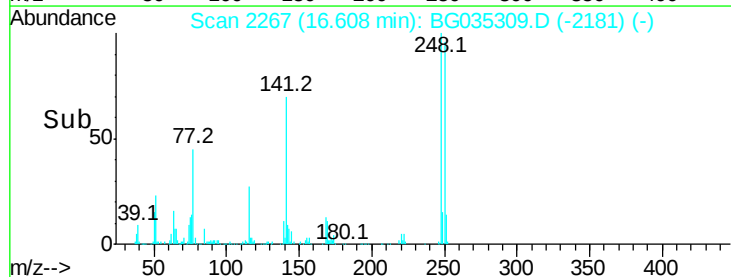
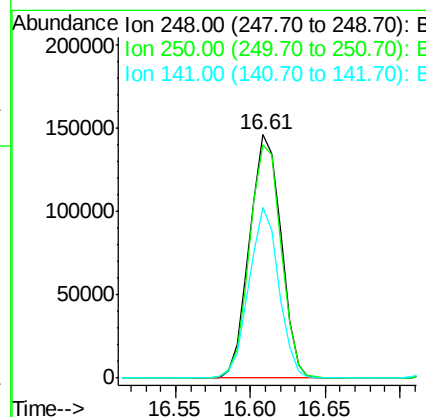
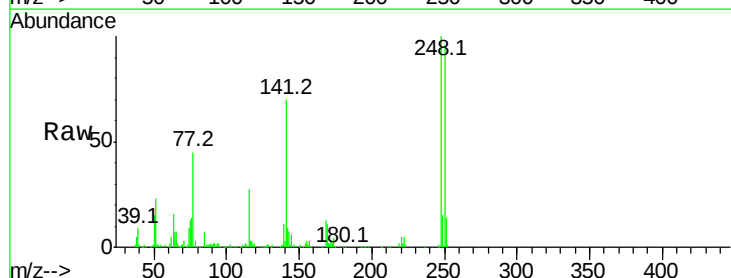
Instrument :
BNA_G
ClientSampleId :

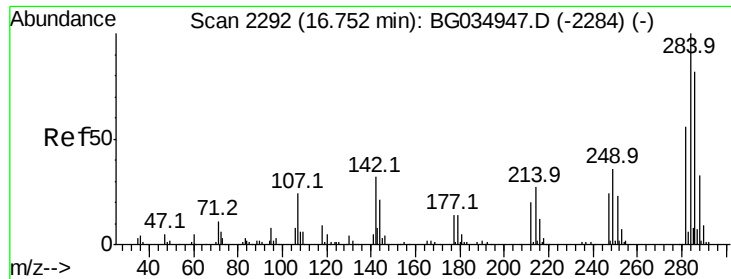
Tot Ion:169 Resp: 468728
Ion Ratio Lower Upper
169 100
168 68.6 55.7 83.5
167 37.3 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 45.448 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion:248 Resp: 212469
Ion Ratio Lower Upper
248 100
250 95.8 77.1 115.7
141 70.2 50.8 76.2





#67

Hexachlorobenzene

Concen: 45.519 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

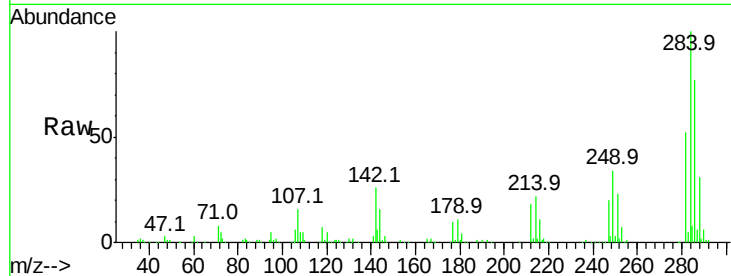
Tot Ion:284 Resp: 216594

Ion Ratio Lower Upper

284 100

142 25.7 26.8 40.2#

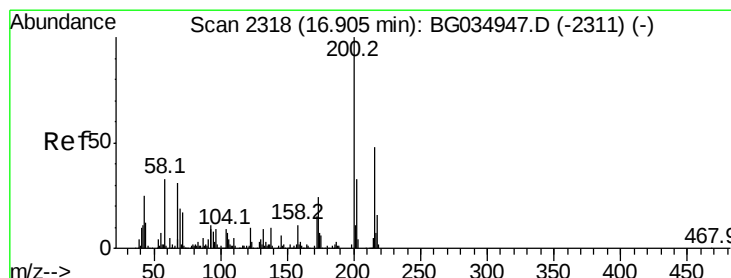
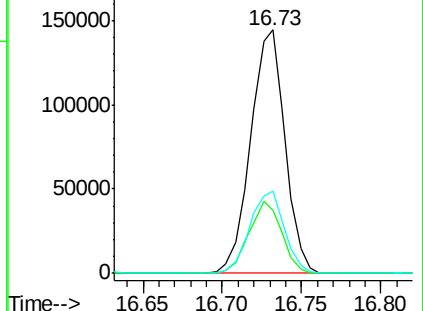
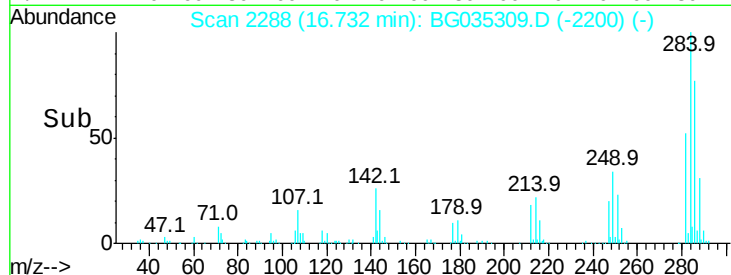
249 34.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.715 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

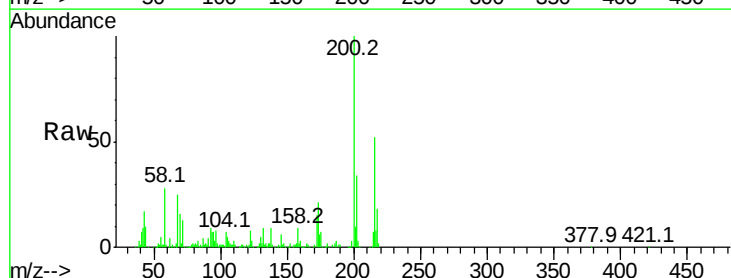
Tgt Ion:200 Resp: 207393

Ion Ratio Lower Upper

200 100

173 21.3 5.2 45.2

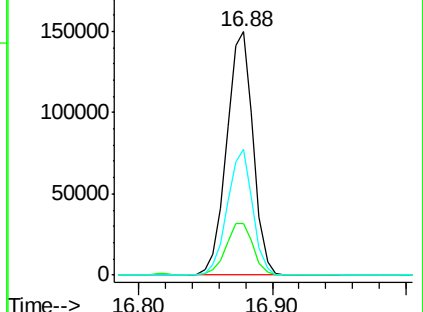
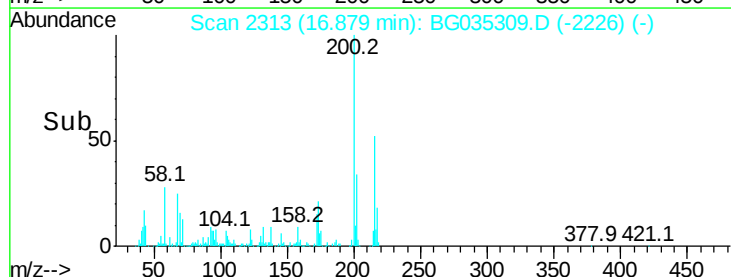
215 51.9 30.4 70.4

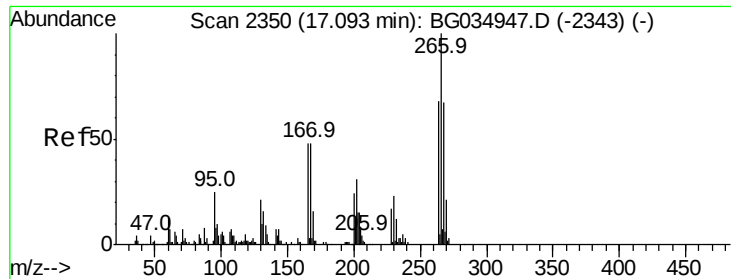


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

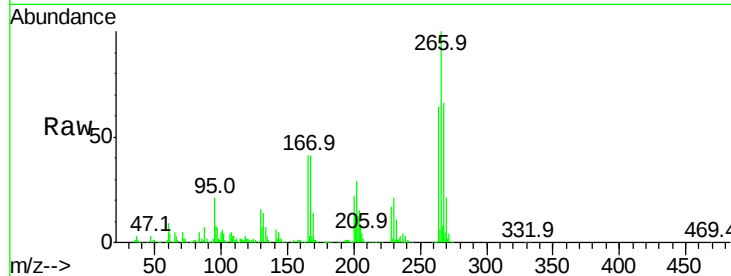




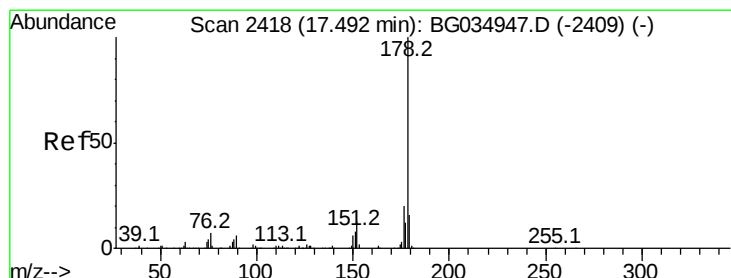
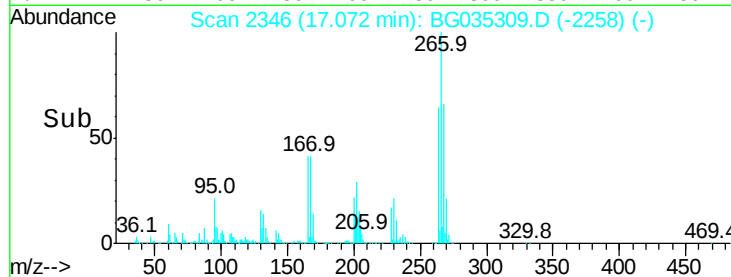
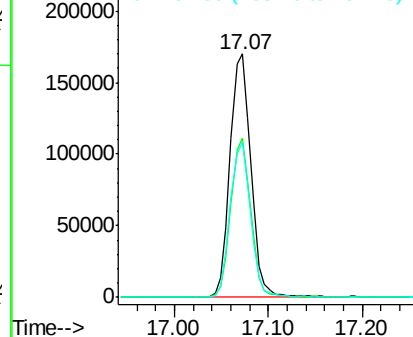
#69
 Pentachlorophenol
 Concen: 82.659 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	64.0	49.6	74.4

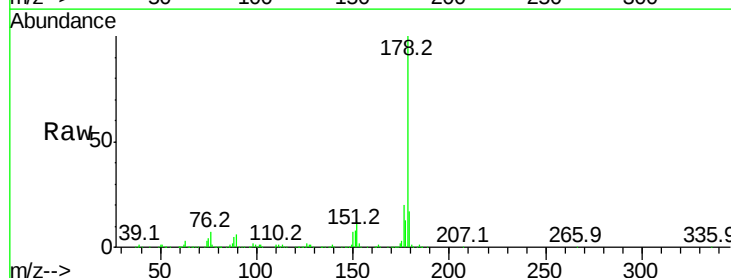


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

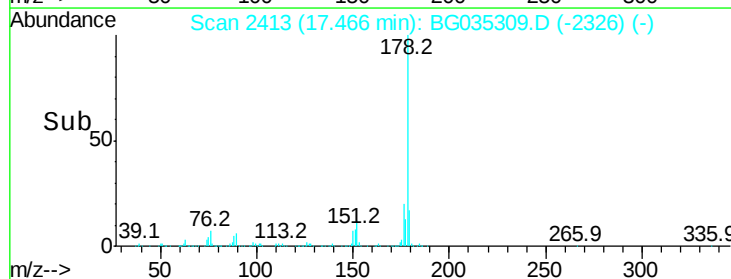
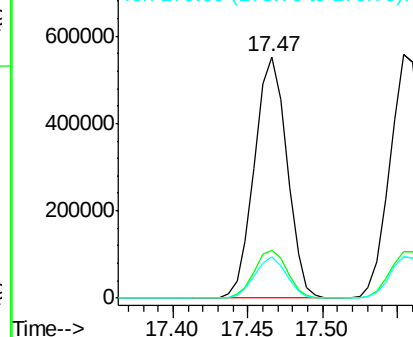


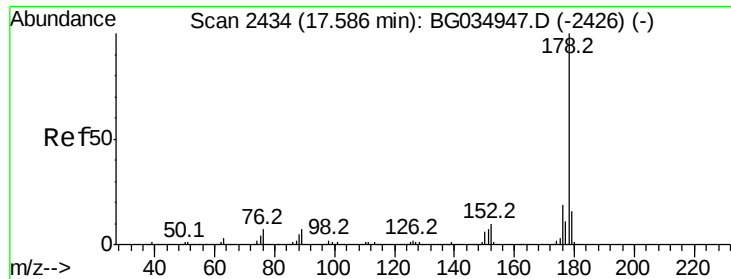
#70
 Phenanthrene
 Concen: 42.359 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.9	12.5	18.7



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

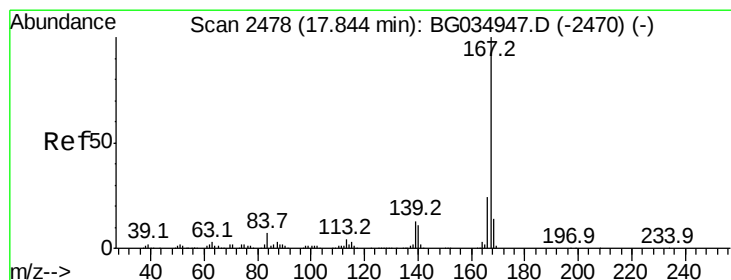
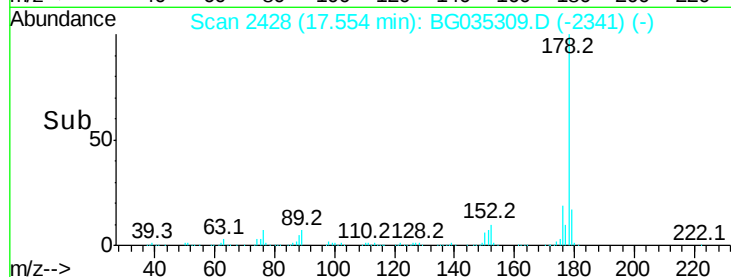
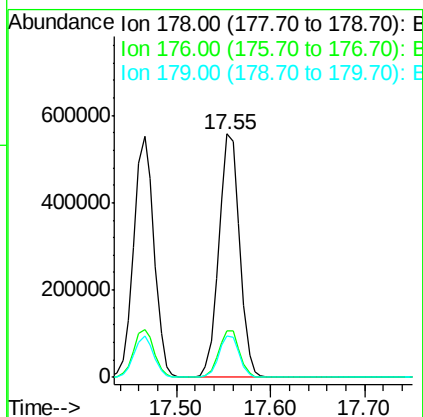
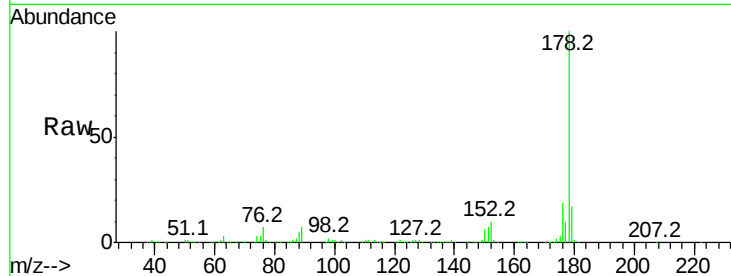




#71
 Anthracene
 Concen: 43.601 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

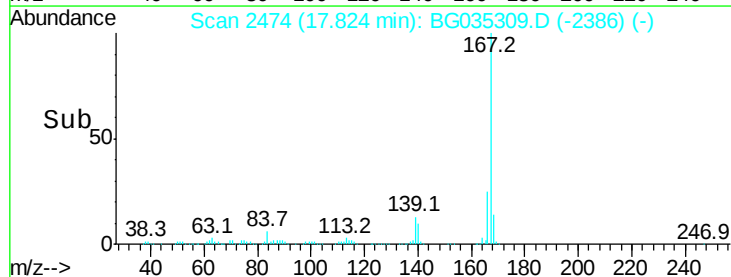
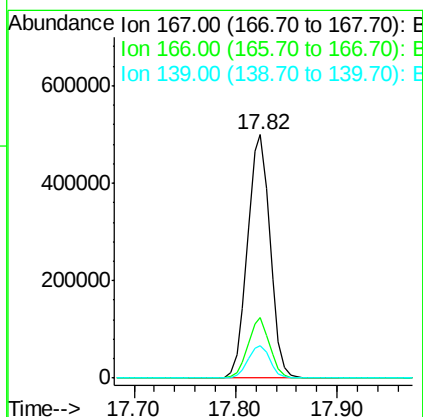
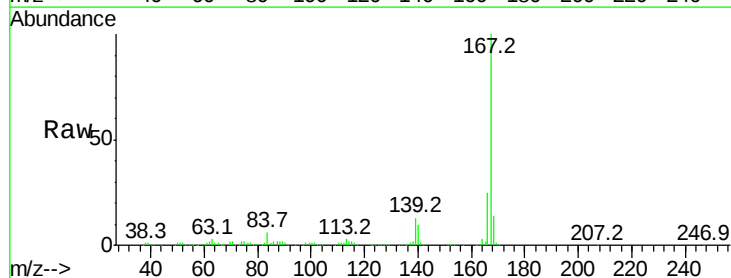
Instrument :
 BNA_G
 ClientSampleId :

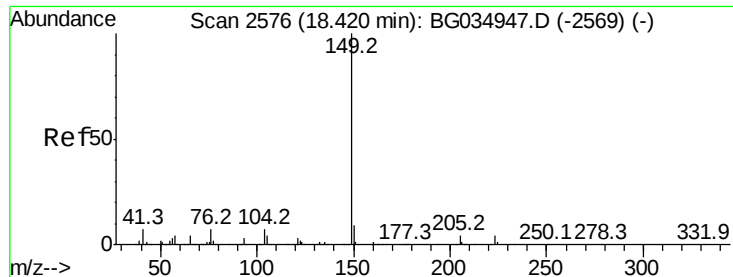
Tot Ion:178 Resp: 861279
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.0 24.0
 179 17.1 12.5 18.7



#72
 Carbazole
 Concen: 41.976 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion:167 Resp: 769337
 Ion Ratio Lower Upper
 167 100
 166 24.9 18.2 27.4
 139 13.4 9.4 14.2

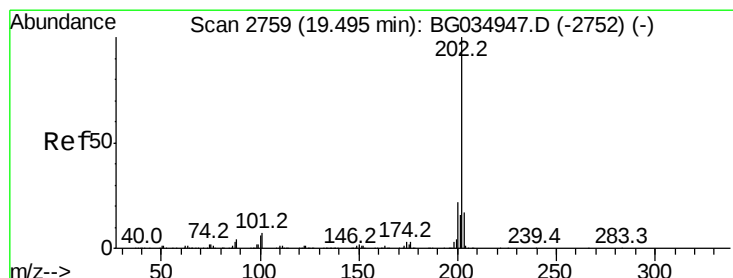
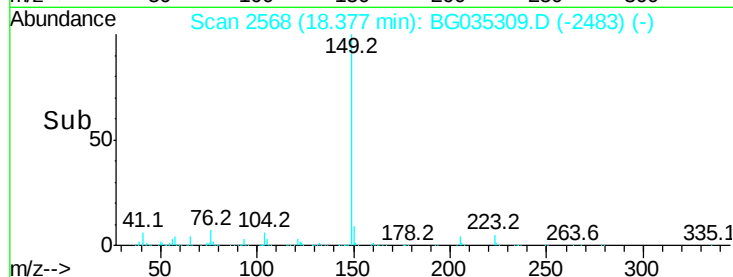
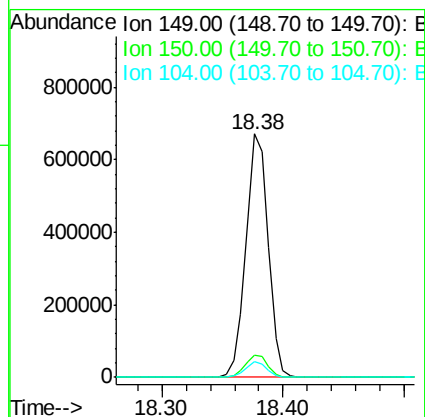
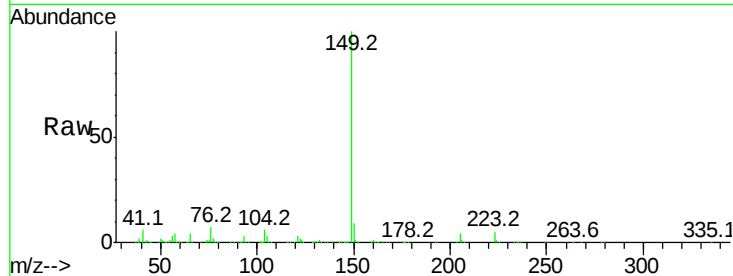




#73
Di-n-butylphthalate
Concen: 39.628 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

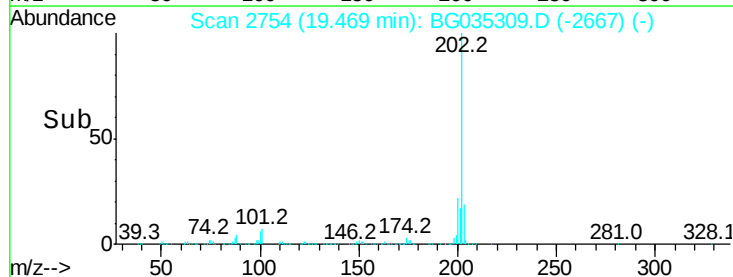
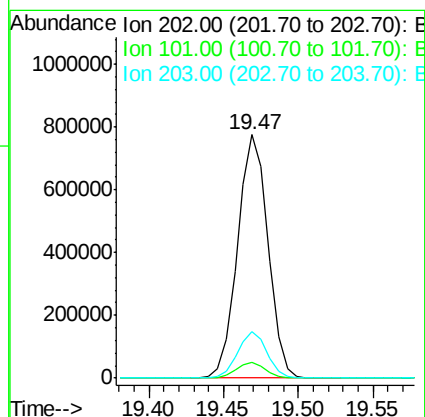
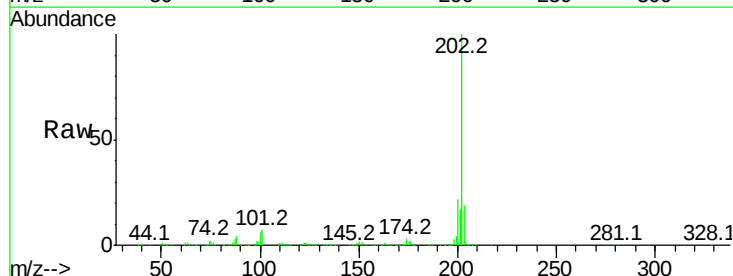
Instrument :
BNA_G
ClientSampleId :

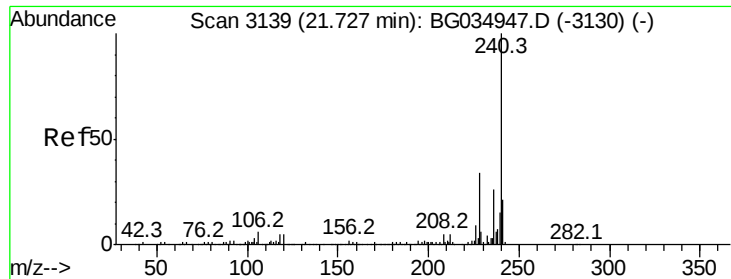
Tot Ion:149 Resp: 865696
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 6.5 3.9 5.9#



#74
Fluoranthene
Concen: 42.804 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion:202 Resp: 1098403
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.9
203 19.2 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

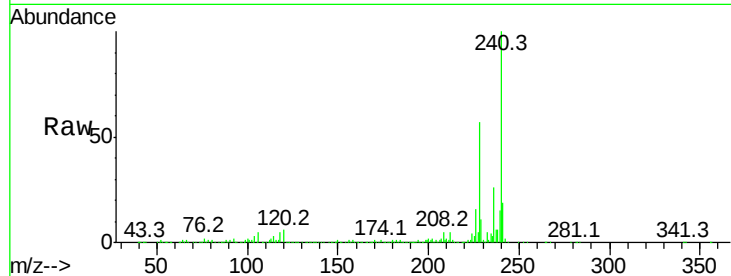
Tot Ion:240 Resp: 416990

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

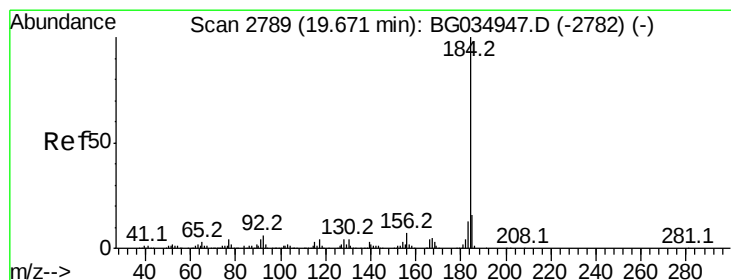
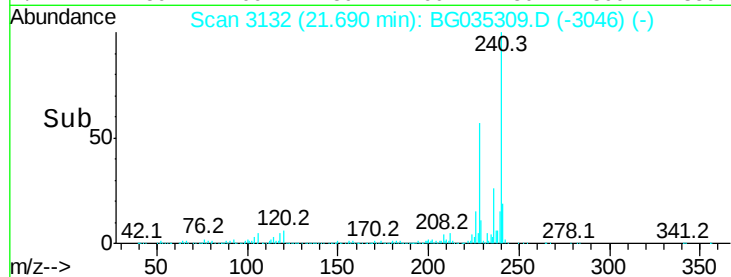
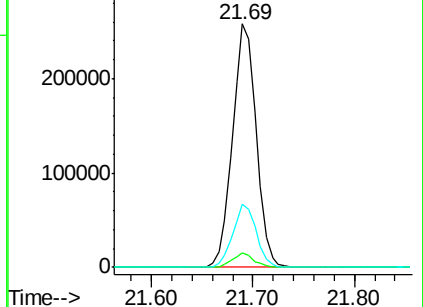
236 26.2 20.9 31.3



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: 27.027 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Tgt Ion:184 Resp: 419288

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

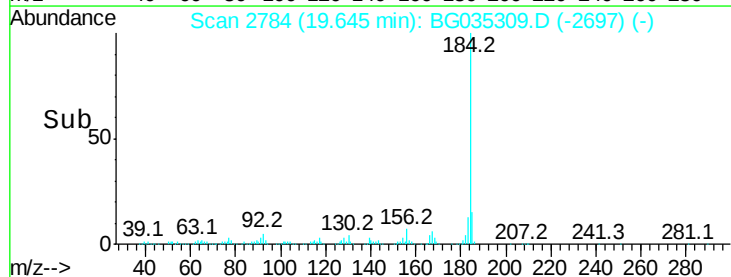
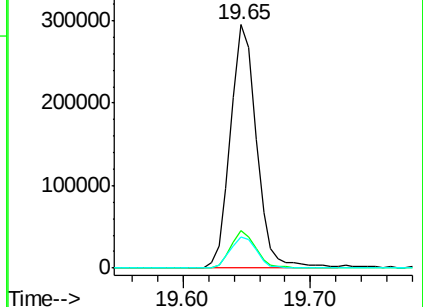
183 13.0 10.6 16.0



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: 39.555 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

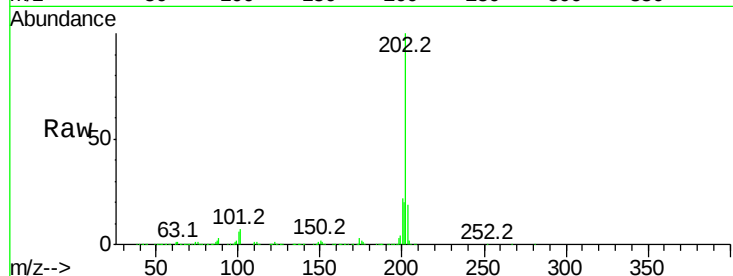
Tot Ion:202 Resp: 1087358

Ion Ratio Lower Upper

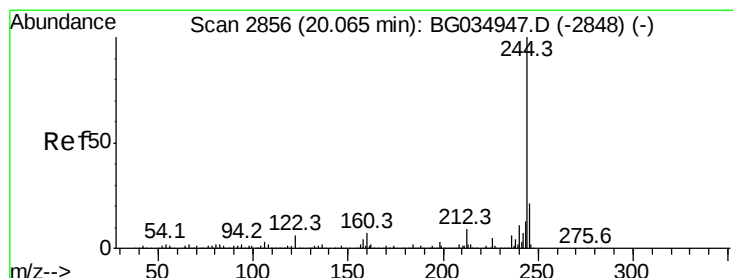
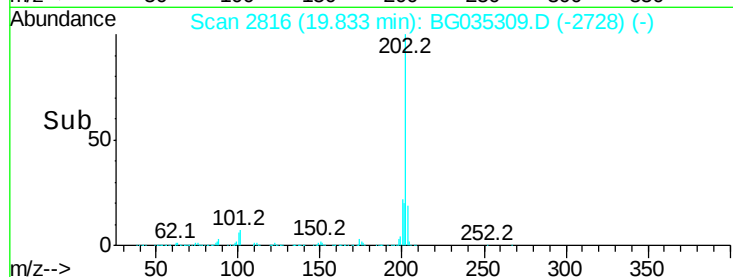
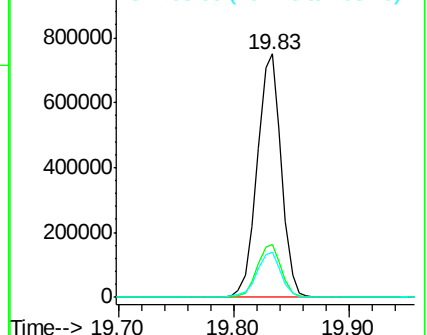
202 100

200 21.6 16.9 25.3

203 18.5 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: 86.933 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

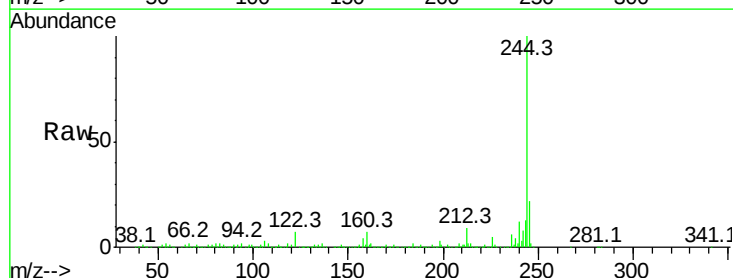
Tgt Ion:244 Resp: 1730590

Ion Ratio Lower Upper

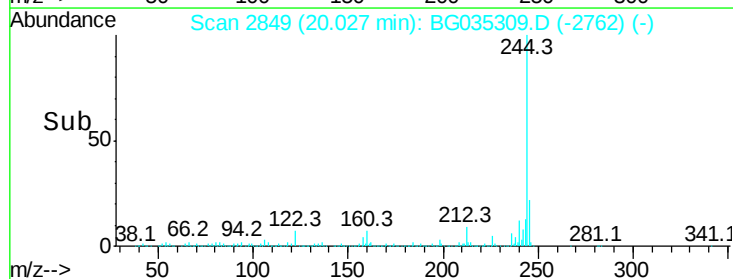
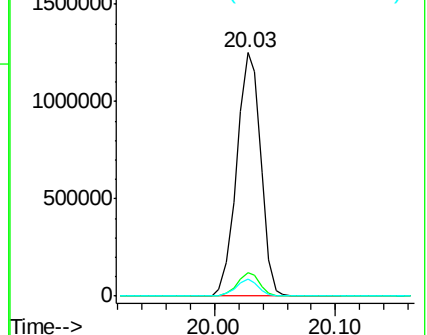
244 100

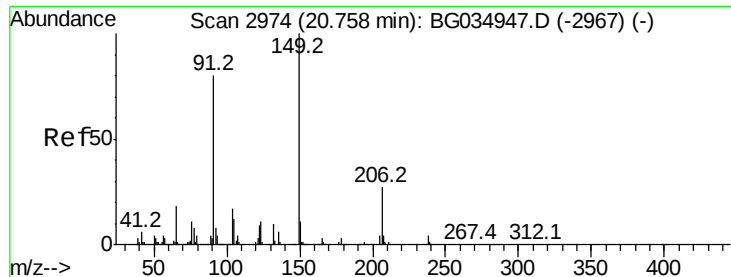
212 9.5 5.8 8.8#

122 7.0 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

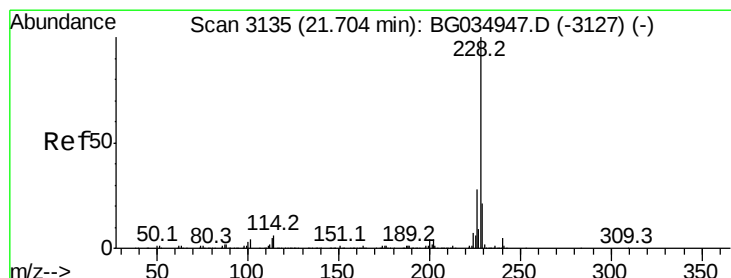
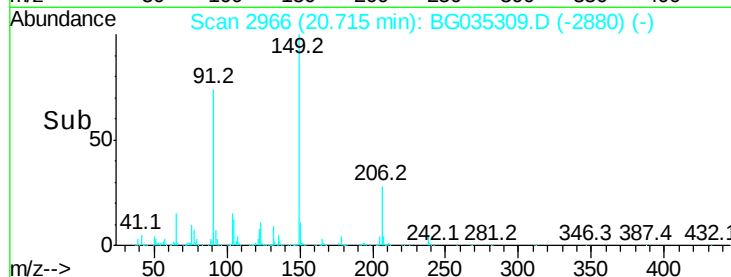
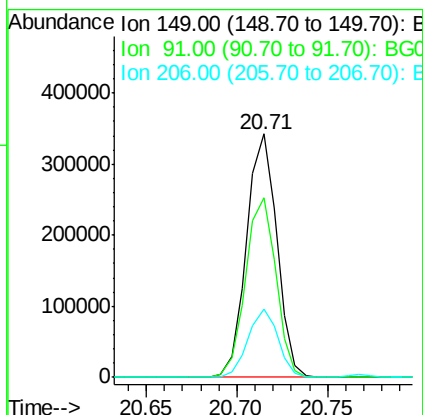
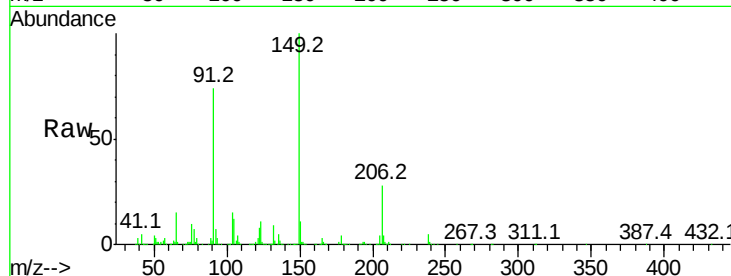




#79
Butylbenzylphthalate
Concen: 40.025 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

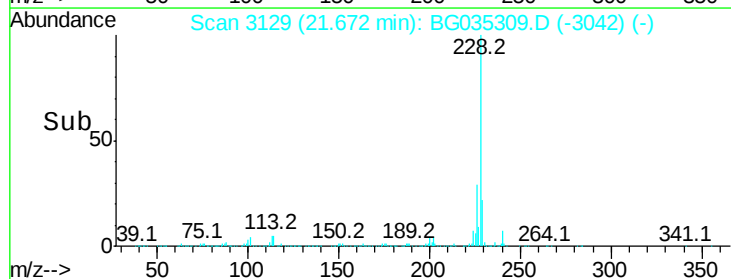
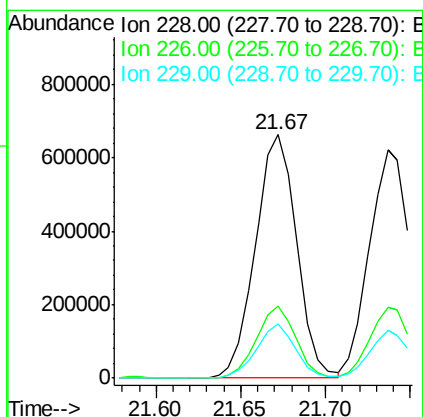
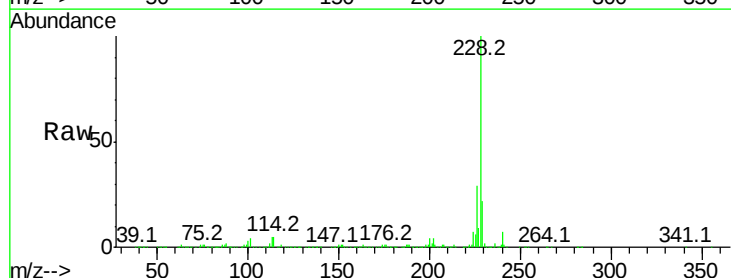
Instrument :
BNA_G
ClientSampleId :

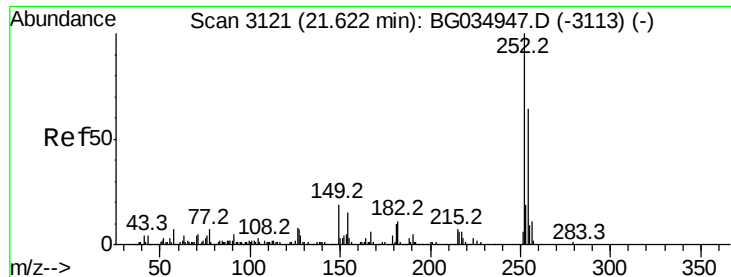
Tot Ion:149 Resp: 399528
Ion Ratio Lower Upper
149 100
91 73.7 62.2 93.2
206 28.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 42.144 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035309.D
Acq: 21 Jun 2018 21:13

Tgt Ion:228 Resp: 1123012
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 22.2 16.2 24.2

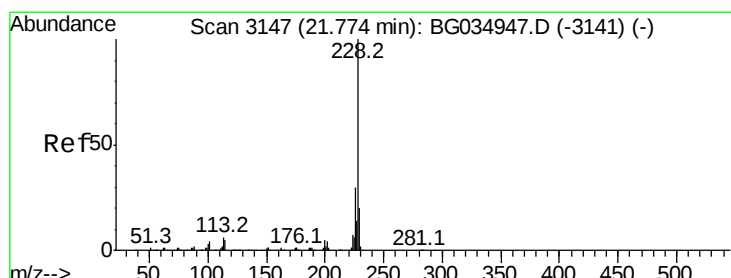
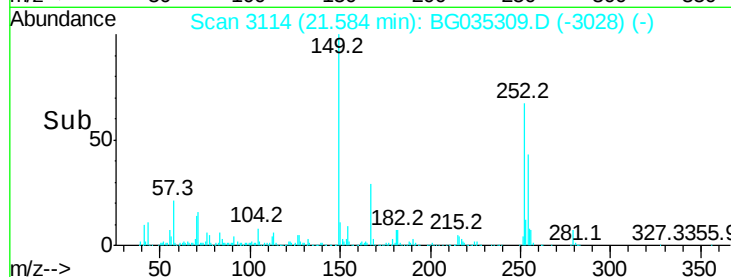
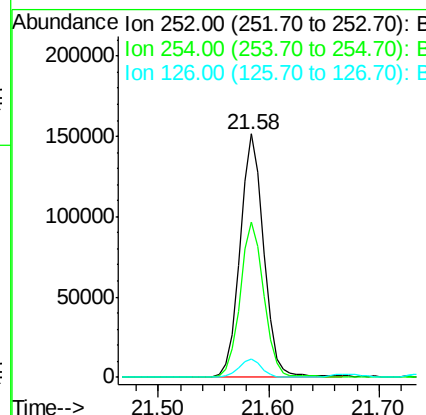
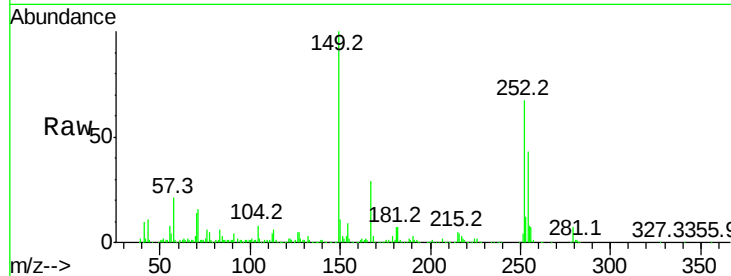




#81
 3,3'-Dichlorobenzidine
 Concen: 22.787 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

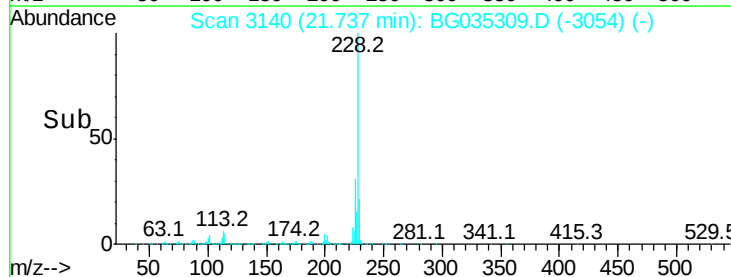
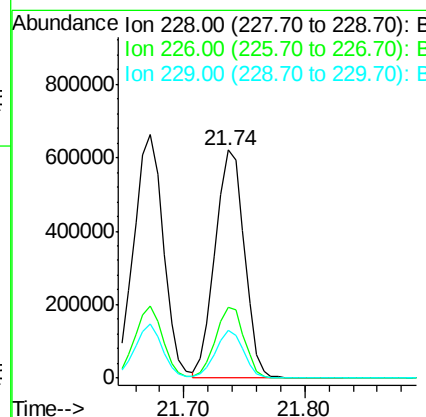
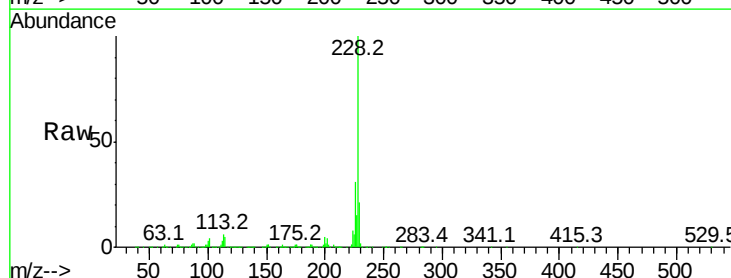
Instrument :
 BNA_G
 ClientSampleId :

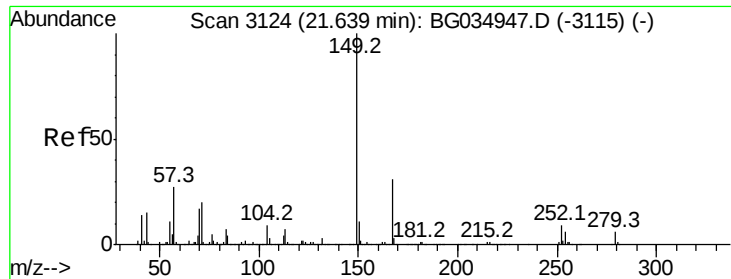
Tot Ion:252 Resp: 228442
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.8 76.2
 126 7.5 7.4 11.2



#82
 Chrysene
 Concen: 42.498 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion:228 Resp: 1036839
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.803 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.04 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

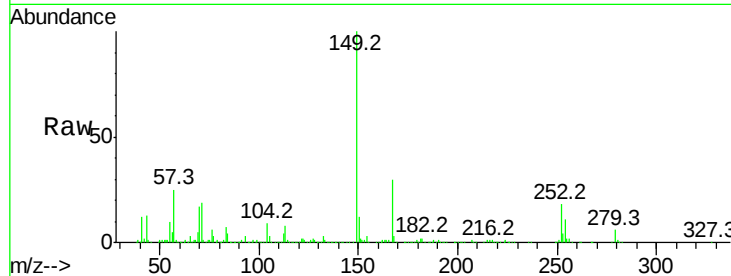
Tot Ion:149 Resp: 533195

Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.3	36.5
279	5.8	4.0	6.0

149 100

167 30.0 24.3 36.5

279 5.8 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

21.57

400000

300000

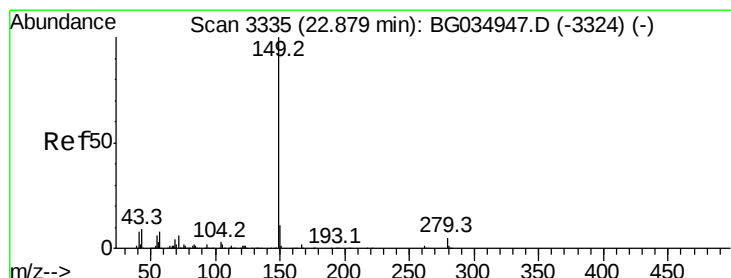
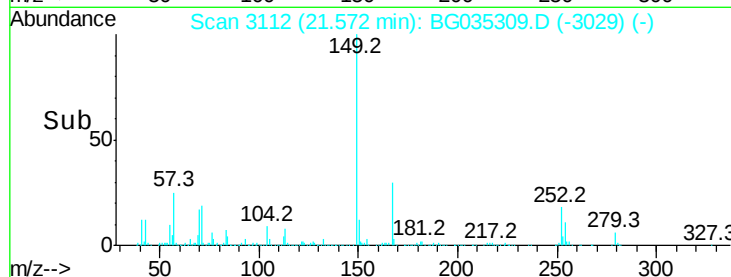
200000

100000

0

Time-->

21.50 21.60



#84

Di-n-octyl phthalate

Concen: 38.295 ng

RT: 22.79 min Scan# 3319

Delta R.T. -0.06 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

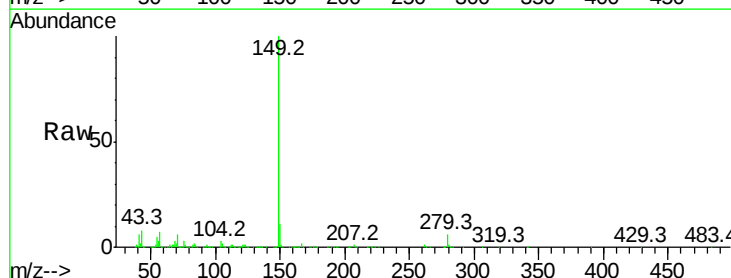
Tgt Ion:149 Resp: 926654

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	7.6	8.9	13.3#

149 100

167 1.9 1.4 2.0

43 7.6 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

22.79

600000

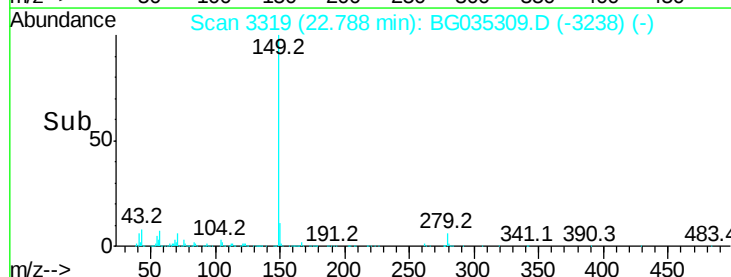
400000

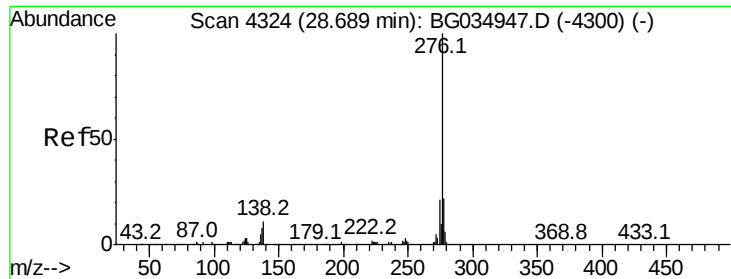
200000

0

Time-->

22.70 22.80 22.90

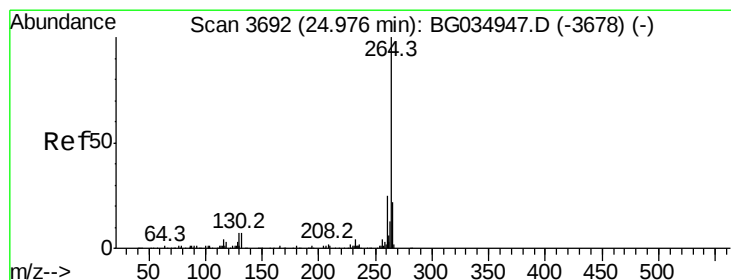
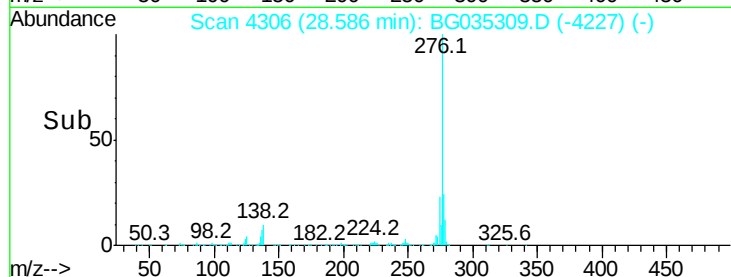
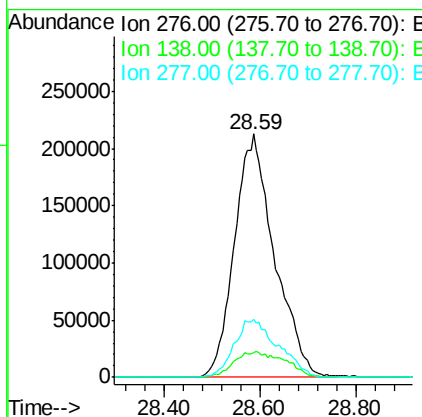
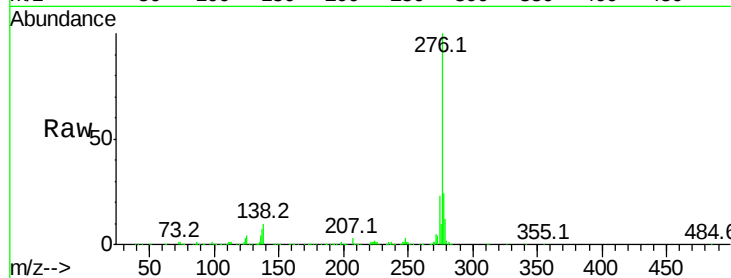




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.083 ng
 RT: 28.59 min Scan# 4306
 Delta R.T. -0.07 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

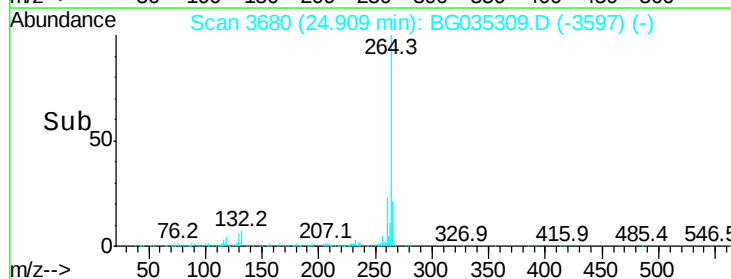
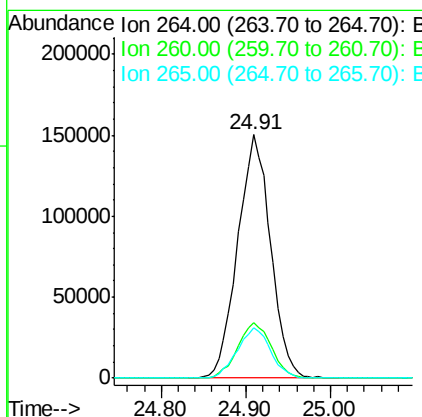
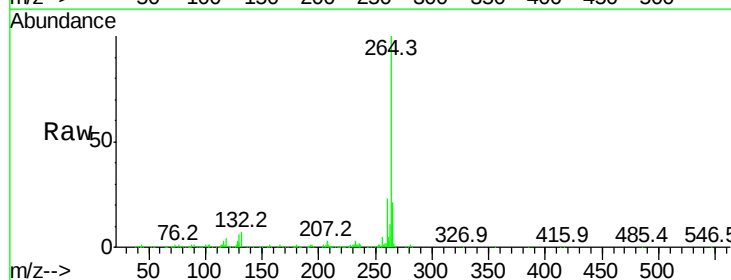
Instrument :
 BNA_G
 ClientSampleId :

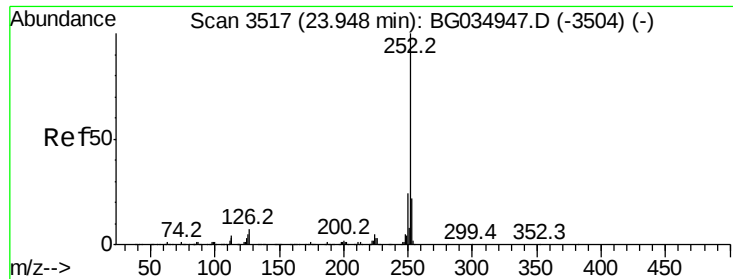
Tot Ion:276 Resp: 1231057
 Ion Ratio Lower Upper
 276 100
 138 13.5 16.0 24.0#
 277 25.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.04 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Tgt Ion:264 Resp: 405304
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 20.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 43.308 ng

RT: 23.89 min Scan# 3506

Delta R.T. -0.04 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

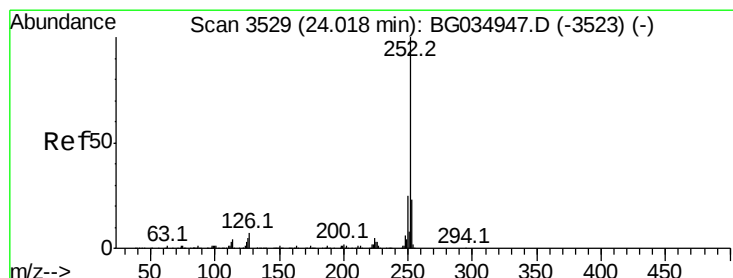
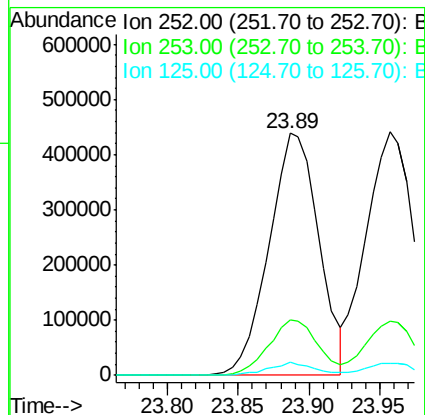
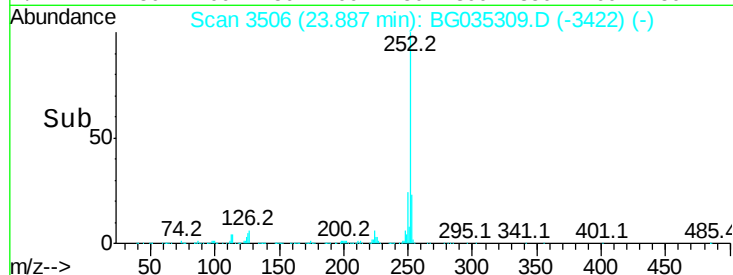
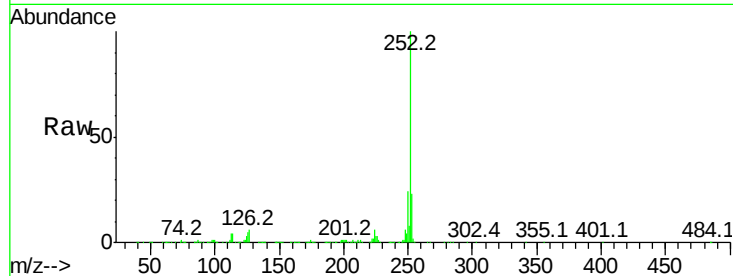
Tot Ion:252 Resp: 1080947

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 5.3 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 42.865 ng

RT: 23.96 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

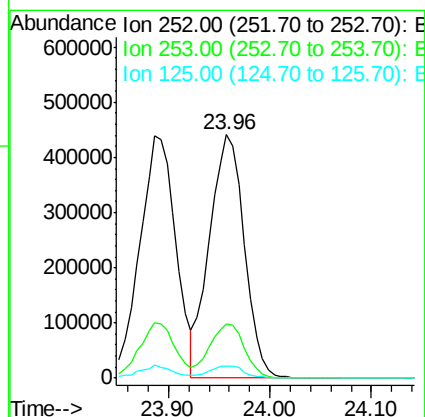
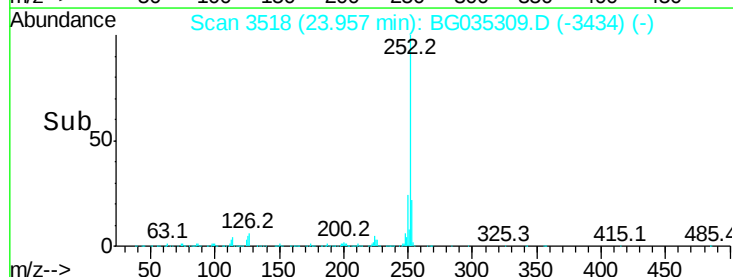
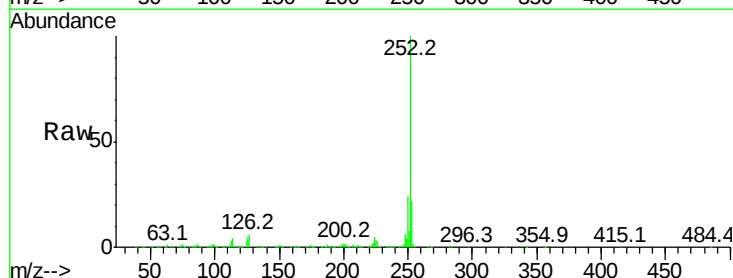
Tgt Ion:252 Resp: 1046573

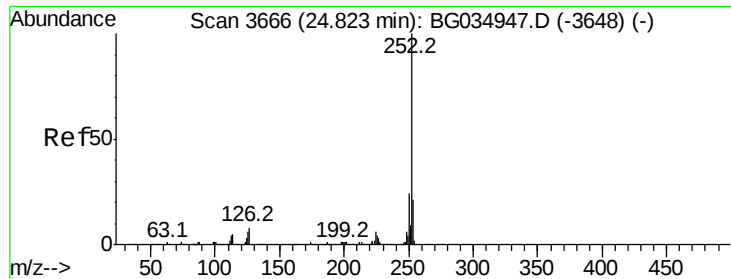
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 4.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 44.266 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.04 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

Instrument :

BNA_G

ClientSampleId :

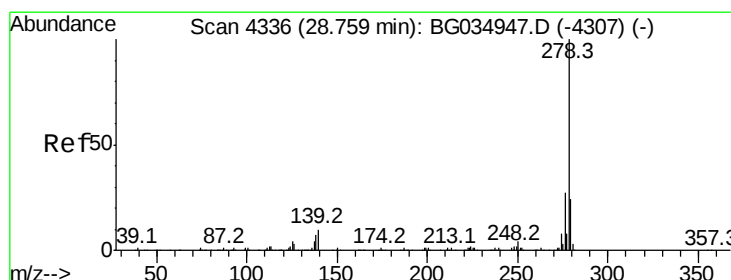
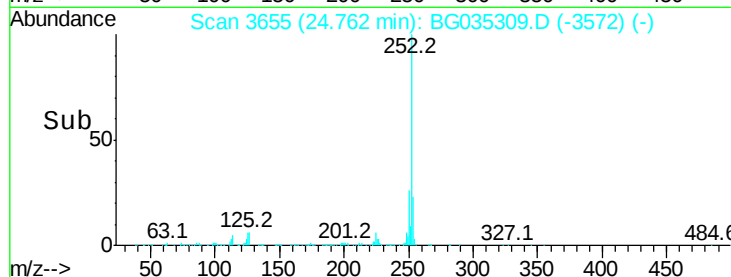
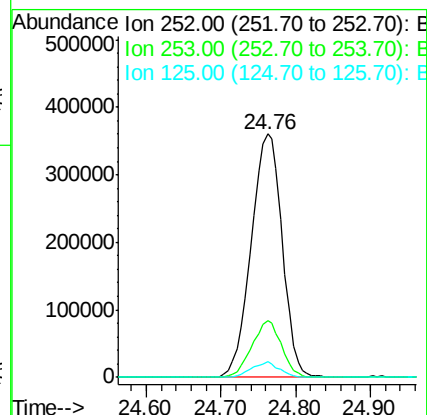
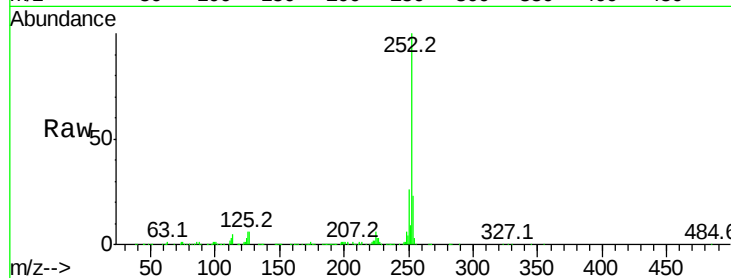
Tot Ion:252 Resp: 1039643

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

125 6.4 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 43.275 ng

RT: 28.65 min Scan# 4316

Delta R.T. -0.08 min

Lab File: BG035309.D

Acq: 21 Jun 2018 21:13

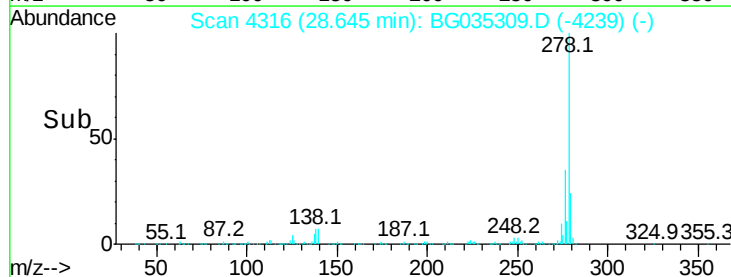
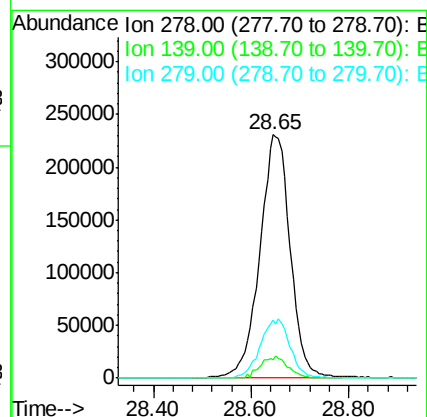
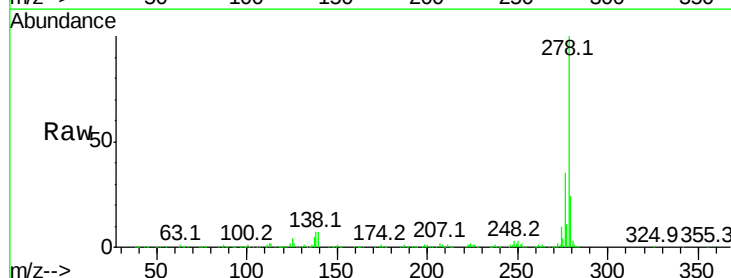
Tgt Ion:278 Resp: 1003327

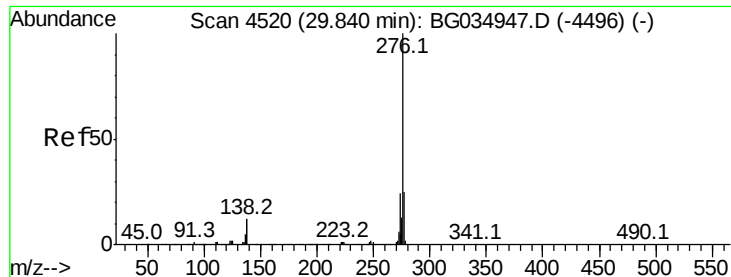
Ion Ratio Lower Upper

278 100

139 7.4 9.8 14.6#

279 24.0 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.034 ng
 RT: 29.74 min Scan# 4502
 Delta R.T. -0.07 min
 Lab File: BG035309.D
 Acq: 21 Jun 2018 21:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1021823

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	11.1	13.9	20.9

