

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035225.D
 Acq On : 18 Jun 2018 19:10
 Operator : SJ/JU
 Sample : PB110320BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

Quant Time: Jun 19 01:28:19 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	45308	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	166103	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121939	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	366602	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	365455	20.00	ng	-0.02
86) Perylene-d12	24.92	264	362701	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	351136	130.79	ng	0.00
7) Phenol-d6	7.22	99	503845	127.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	322528	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	255519	163.69	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	753467	80.33	ng	-0.02
78) Terphenyl-d14	20.03	244	1664807	95.42	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	39623	30.933	ng	# 77
3) Pyridine	3.94	79	114841	33.227	ng	# 70
4) n-Nitrosodimethylamine	3.86	42	48837	32.891	ng	# 74
6) Aniline	7.38	93	107939	21.073	ng	96
8) 2-Chlorophenol	7.63	128	107799	38.306	ng	97
9) Benzaldehyde	7.20	77	62944	20.622	ng	94
10) Phenol	7.24	94	156209	38.093	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	105883	33.267	ng	89
12) 1,3-Dichlorobenzene	7.95	146	120876	35.999	ng	95
13) 1,4-Dichlorobenzene	8.10	146	120157	34.666	ng	97
14) 1,2-Dichlorobenzene	8.42	146	116864	35.894	ng	98
15) Benzyl Alcohol	8.30	79	128240	34.155	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	117005	36.935	ng	73
17) 2-Methylphenol	8.49	107	107184	39.645	ng	95
18) Hexachloroethane	9.15	117	45218	36.439	ng	# 84
19) n-Nitroso-di-n-propylamine	8.86	70	101700	30.210	ng	# 86
20) 3+4-Methylphenols	8.82	107	147890	38.163	ng	90
22) Acetophenone	8.88	105	179649	34.915	ng	# 88
24) Nitrobenzene	9.26	77	145994	40.800	ng	96
25) Isophorone	9.78	82	289047	39.178	ng	98
26) 2-Nitrophenol	9.98	139	60584	49.119	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	115595	44.588	ng	86
28) bis(2-Chloroethoxy)methane	10.27	93	153124	38.622	ng	98
29) 2,4-Dichlorophenol	10.51	162	123812	43.890	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	132004	39.025	ng	96
31) Naphthalene	10.92	128	326484	37.836	ng	97
32) Benzoic acid	10.16	122	74074	42.657	ng	94
33) 4-Chloroaniline	11.02	127	63453	16.936	ng	95
34) Hexachlorobutadiene	11.20	225	99233	37.722	ng	97
35) Caprolactam	11.78	113	26179	25.111	ng	# 61
36) 4-Chloro-3-methylphenol	12.14	107	157892	44.901	ng	96
37) 2-Methylnaphthalene	12.52	142	268292	41.010	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	174703	38.464	ng	99
40) Hexachlorocyclopentadiene	12.87	237	254025	89.187	ng	91

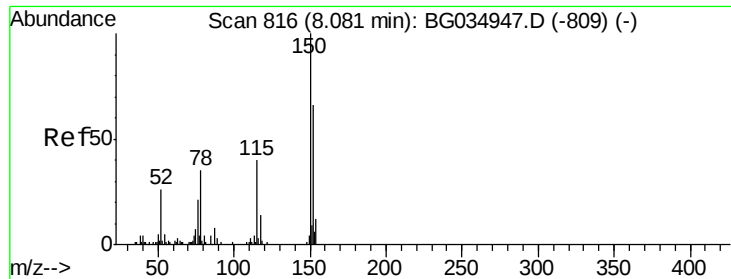
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035225.D
 Acq On : 18 Jun 2018 19:10
 Operator : SJ/JU
 Sample : PB110320BS
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 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	120807	44.420	ng	99
43) 2,4,5-Trichlorophenol	13.19	196	131507	44.055	ng	99
45) 1,1'-Biphenyl	13.52	154	362393	36.959	ng	98
46) 2-Chloronaphthalene	13.56	162	280010	37.772	ng	98
47) 2-Nitroaniline	13.76	65	103445	47.255	ng	97
48) Acenaphthylene	14.40	152	484372	38.966	ng	97
49) Dimethylphthalate	14.13	163	413901	38.924	ng	100
50) 2,6-Dinitrotoluene	14.25	165	96812	49.906	ng	# 87
51) Acenaphthene	14.75	154	296964	36.564	ng	99
52) 3-Nitroaniline	14.58	138	52376	27.515	ng	# 93
53) 2,4-Dinitrophenol	14.79	184	115383	146.968	ng	# 63
54) Dibenzofuran	15.08	168	481261	39.565	ng	95
55) 4-Nitrophenol	14.89	139	168939	105.158	ng	# 87
56) 2,4-Dinitrotoluene	15.04	165	143429	55.659	ng	# 89
57) Fluorene	15.73	166	405764	39.915	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	147143	50.742	ng	# 92
59) Diethylphthalate	15.50	149	434103	40.014	ng	96
60) 4-Chlorophenyl-phenylether	15.72	204	228182	39.363	ng	98
61) 4-Nitroaniline	15.75	138	106891	52.360	ng	# 83
62) Azobenzene	16.01	77	424186	39.900	ng	95
64) 4,6-Dinitro-2-methylphenol	15.80	198	86887	51.910	ng	86
65) n-Nitrosodiphenylamine	15.94	169	382023	34.700	ng	96
66) 4-Bromophenyl-phenylether	16.61	248	165720	37.538	ng	95
67) Hexachlorobenzene	16.73	284	169910	37.813	ng	95
68) Atrazine	16.88	200	195718	41.687	ng	97
69) Pentachlorophenol	17.08	266	229336	75.900	ng	97
70) Phenanthrene	17.47	178	723240	38.837	ng	98
71) Anthracene	17.56	178	751082	40.264	ng	98
72) Carbazole	17.82	167	735500	42.495	ng	99
73) Di-n-butylphthalate	18.38	149	865549	41.957	ng	# 98
74) Fluoranthene	19.47	202	1054812	43.528	ng	97
76) Benzidine	19.65	184	290383	21.358	ng	96
77) Pyrene	19.84	202	1050054	43.585	ng	99
79) Butylbenzylphthalate	20.72	149	324385	37.079	ng	97
80) Benzo(a)anthracene	21.68	228	900217	38.547	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	185720	21.138	ng	# 97
82) Chrysene	21.74	228	828624	38.753	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	424666	34.354	ng	# 98
84) Di-n-octyl phthalate	22.80	149	762460	35.953	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.59	276	990971	39.572	ng	# 89
87) Benzo(b)fluoranthene	23.90	252	864694	38.713	ng	# 96
88) Benzo(k)fluoranthene	23.97	252	857232	39.234	ng	# 95
89) Benzo(a)pyrene	24.77	252	849366	40.412	ng	# 95
90) Dibenzo(a,h)anthracene	28.67	278	816923	39.374	ng	# 96
91) Benzo(g,h,i)perylene	29.74	276	824252	40.594	ng	# 94

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

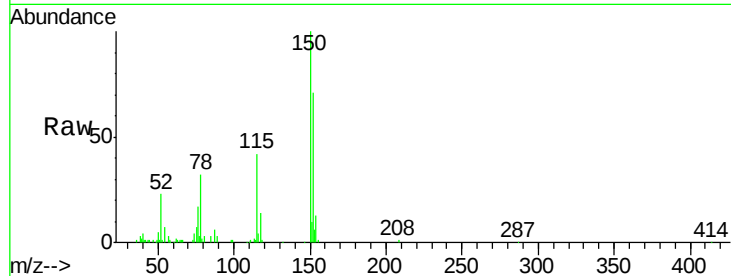


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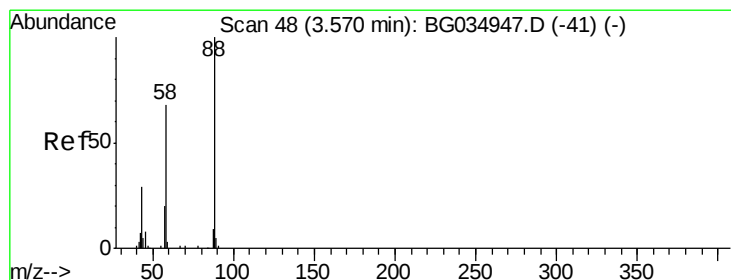
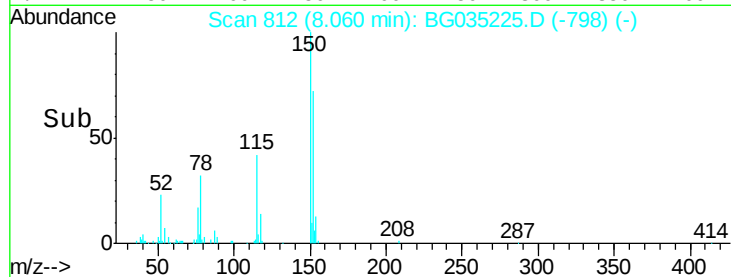
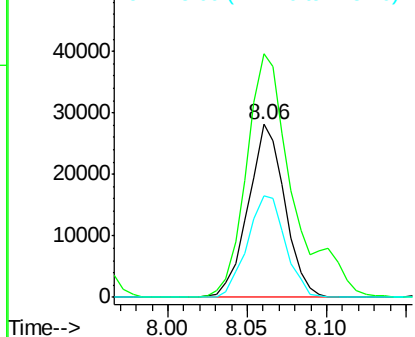
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Instrument :
BNA_G
ClientSampleId :
PB110320BS

Tgt Ion:152 Resp: 45308
Ion Ratio Lower Upper
152 100
150 140.9 126.6 189.8
115 59.0 53.0 79.4



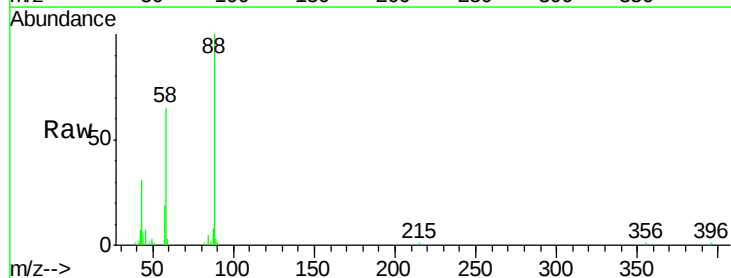
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



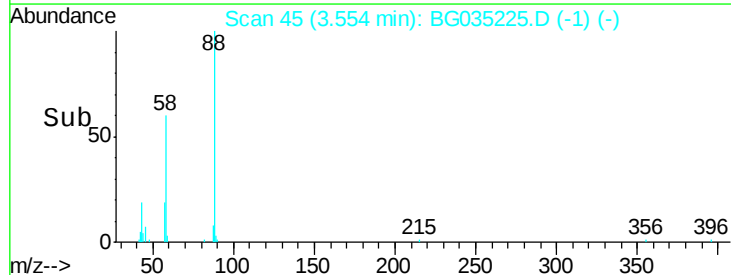
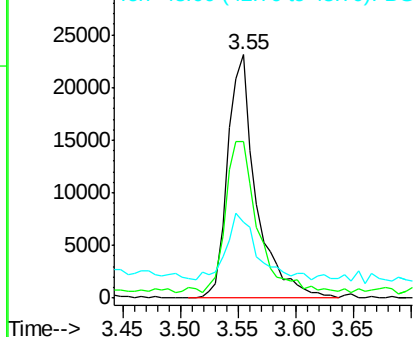
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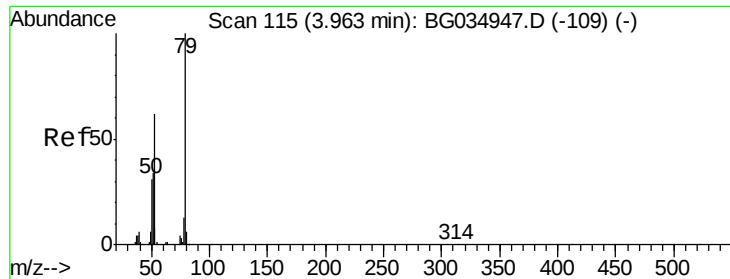
1,4-Dioxane
Concen: 30.933 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion: 88 Resp: 39623
Ion Ratio Lower Upper
88 100
58 71.8 79.6 119.4#
43 30.0 27.4 41.0



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





#3

Pyridine

Concen: 33.227 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

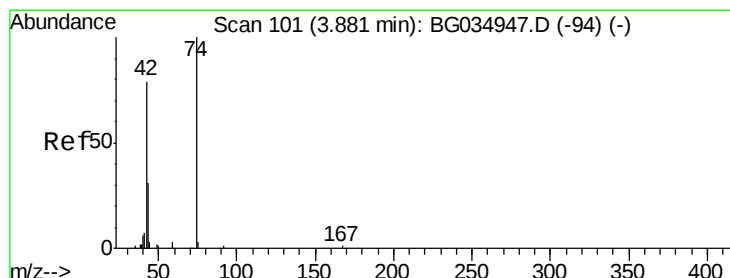
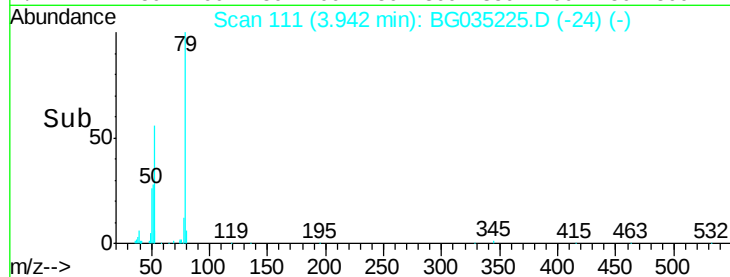
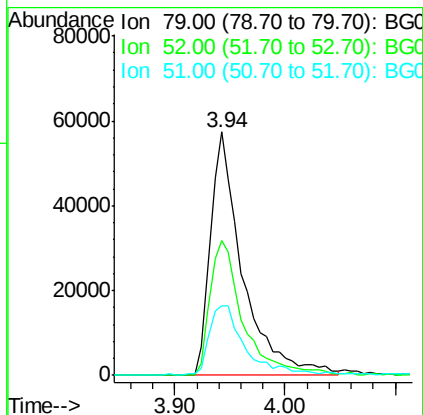
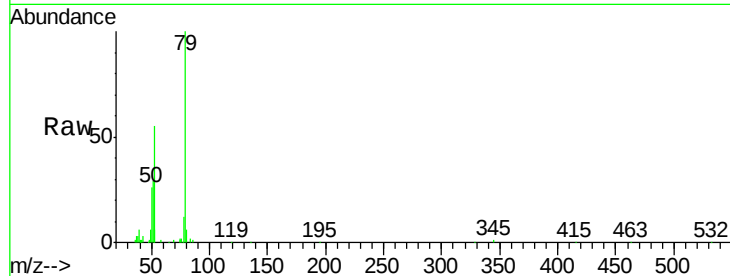
Tgt Ion: 79 Resp: 114841

Ion Ratio Lower Upper

79 100

52 55.5 69.9 104.9#

51 28.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 32.891 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

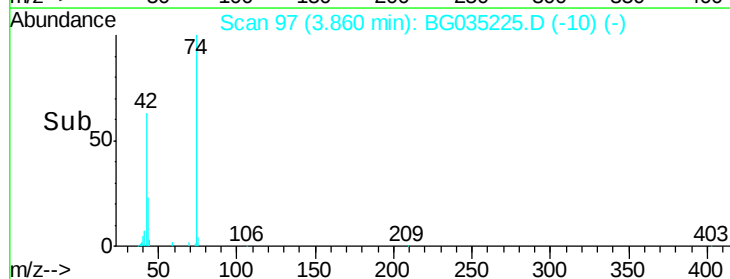
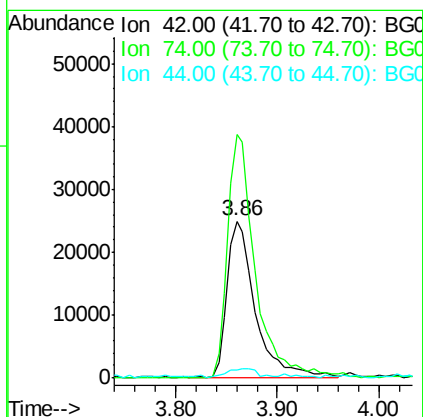
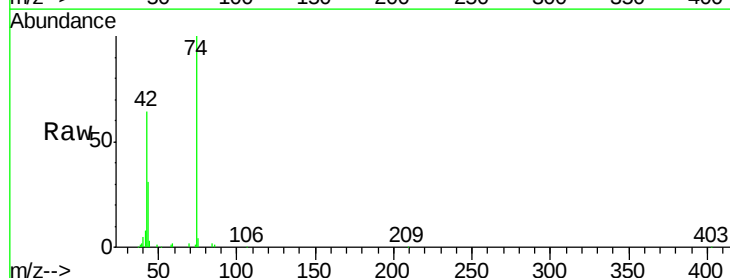
Tgt Ion: 42 Resp: 48837

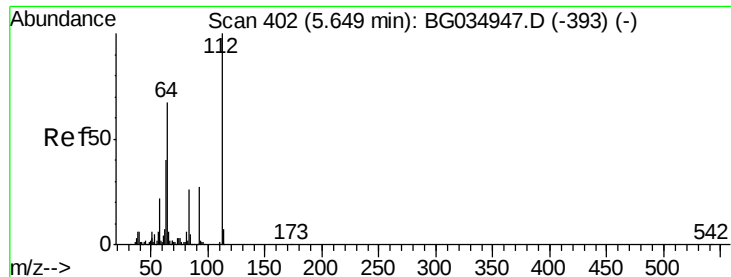
Ion Ratio Lower Upper

42 100

74 155.4 102.5 153.7#

44 5.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 130.789 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.00 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

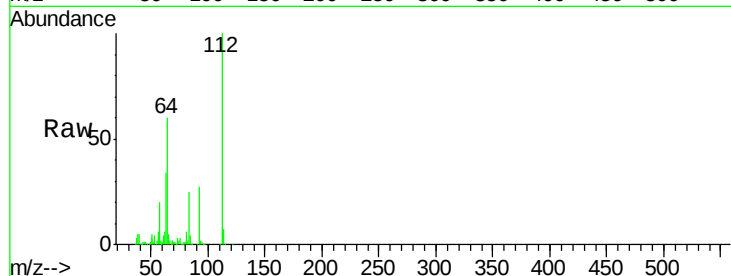
Tgt Ion: 112 Resp: 351136

Ion Ratio Lower Upper

112 100

64 60.1 56.3 84.5

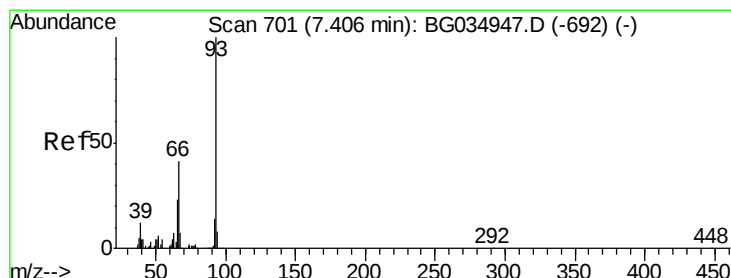
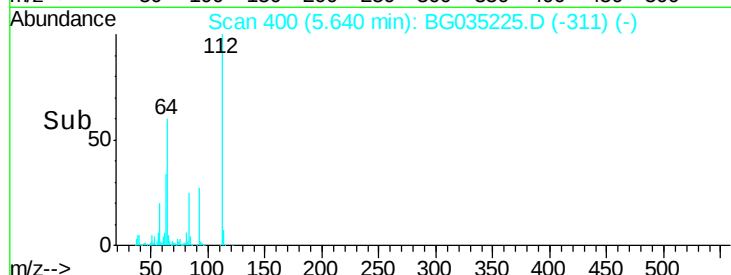
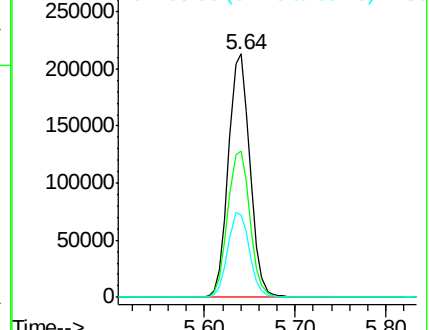
63 33.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.073 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

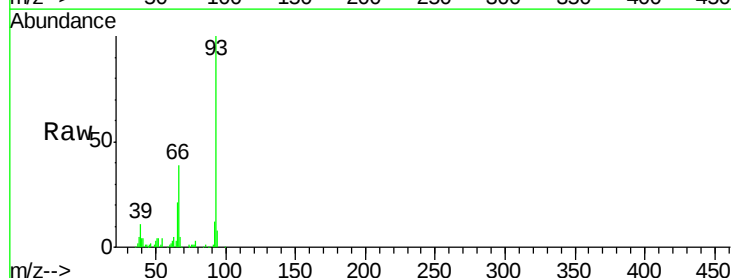
Tgt Ion: 93 Resp: 107939

Ion Ratio Lower Upper

93 100

66 38.7 33.7 50.5

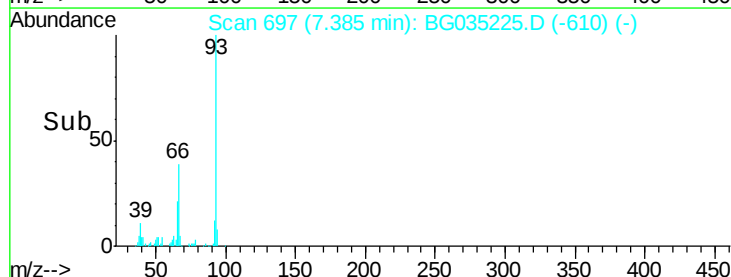
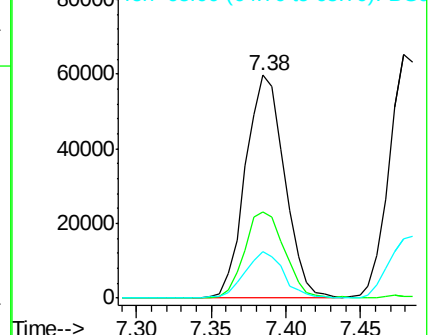
65 21.0 16.1 24.1

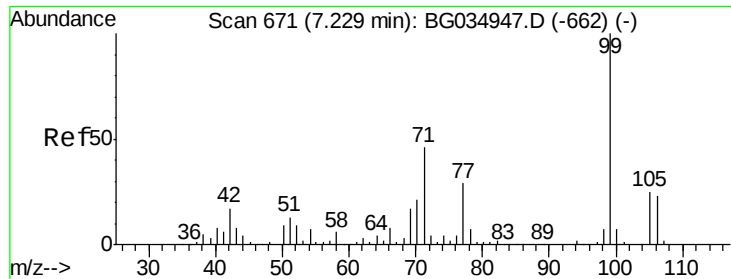


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.152 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

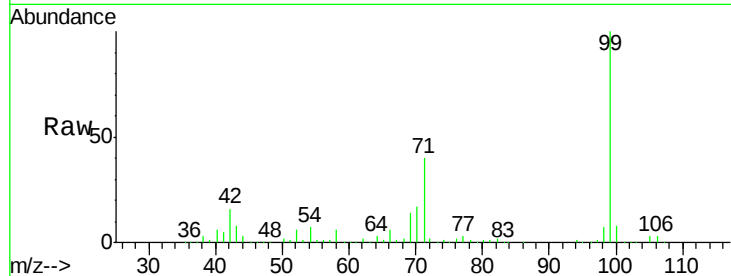
Tgt Ion: 99 Resp: 503845

Ion Ratio Lower Upper

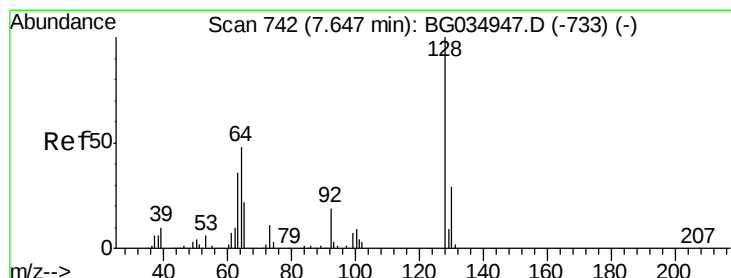
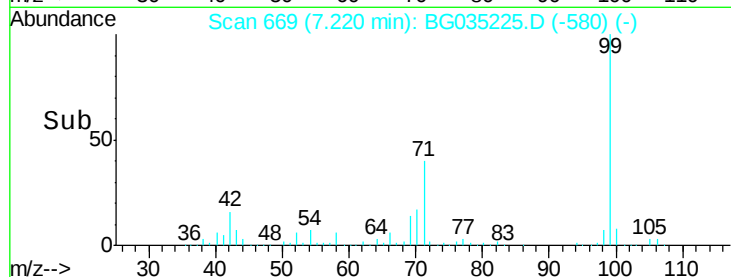
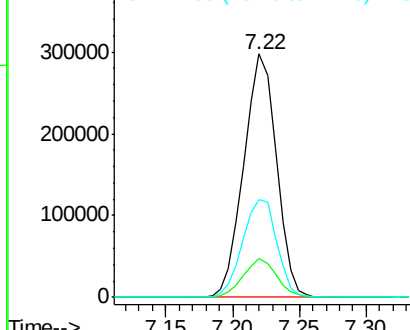
99 100

42 15.8 14.1 21.1

71 39.9 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 38.306 ng

RT: 7.63 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

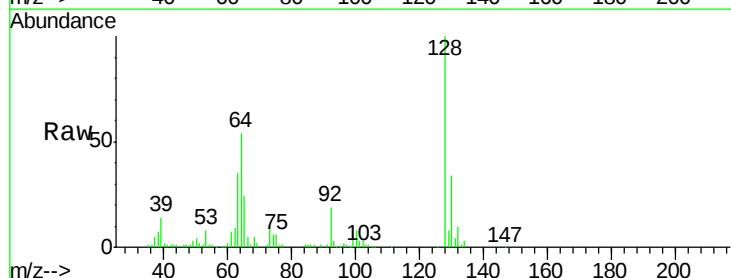
Tgt Ion: 128 Resp: 107799

Ion Ratio Lower Upper

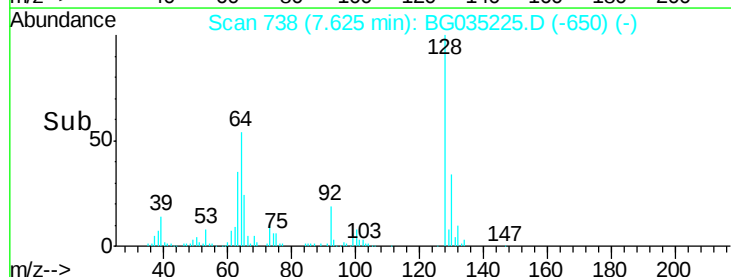
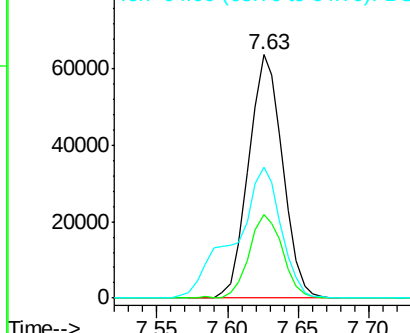
128 100

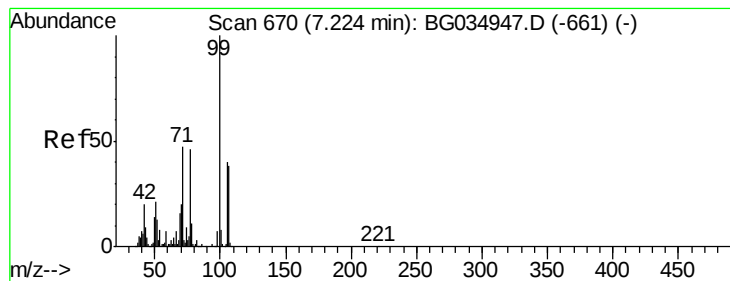
130 34.2 14.0 54.0

64 53.9 37.7 77.7



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





#9

Benzaldehyde

Concen: 20.622 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

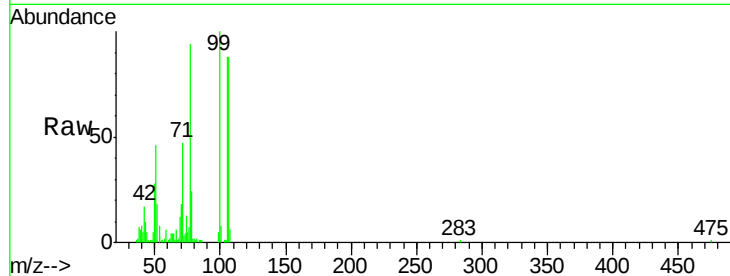
Tgt Ion: 77 Resp: 62944

Ion Ratio Lower Upper

77 100

105 93.0 71.3 111.3

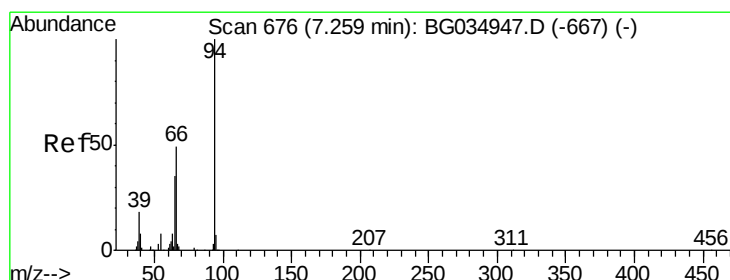
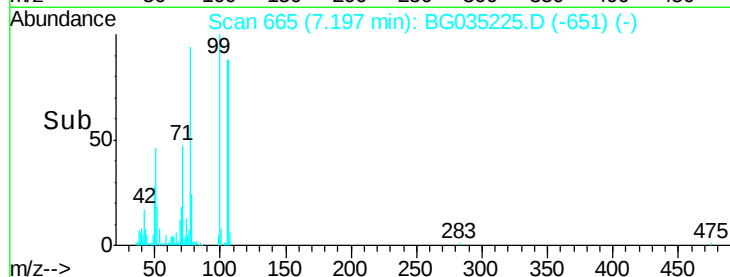
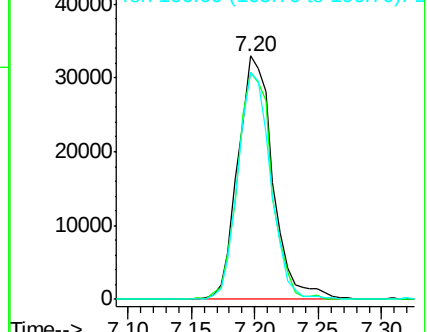
106 93.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.093 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

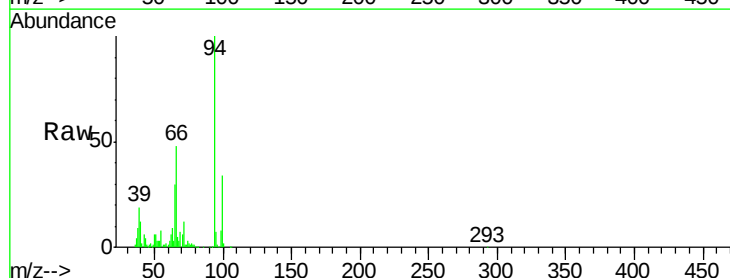
Tgt Ion: 94 Resp: 156209

Ion Ratio Lower Upper

94 100

65 29.8 11.9 51.9

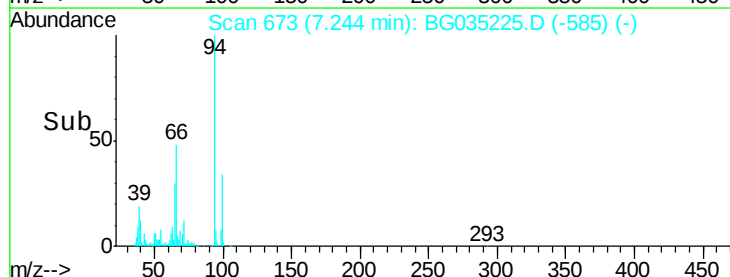
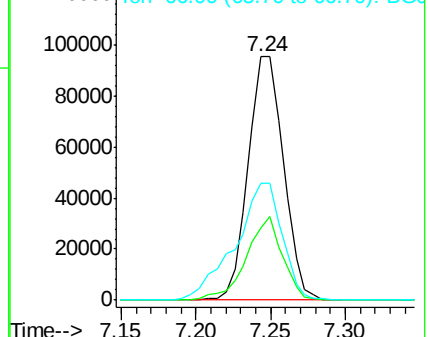
66 48.0 22.2 62.2

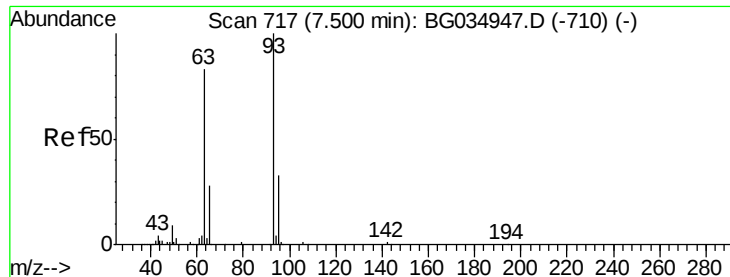


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

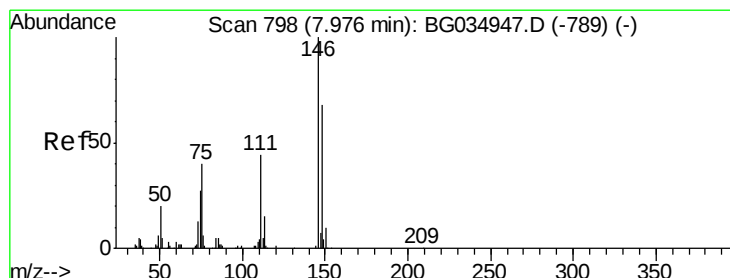
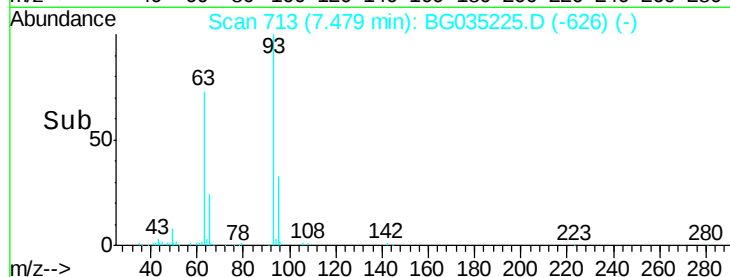
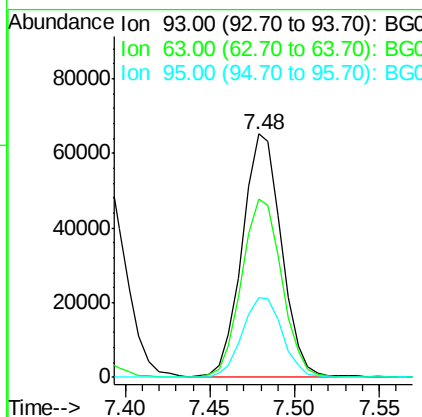
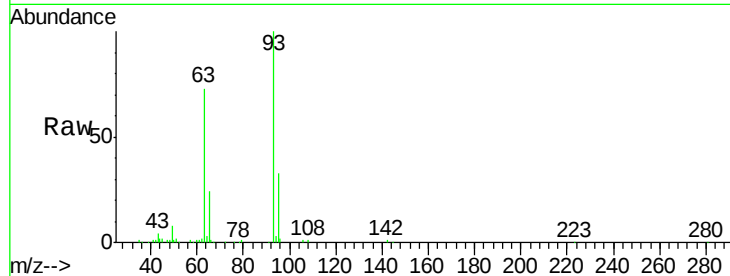




#11
 bis(2-Chloroethyl)ether
 Concen: 33.267 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

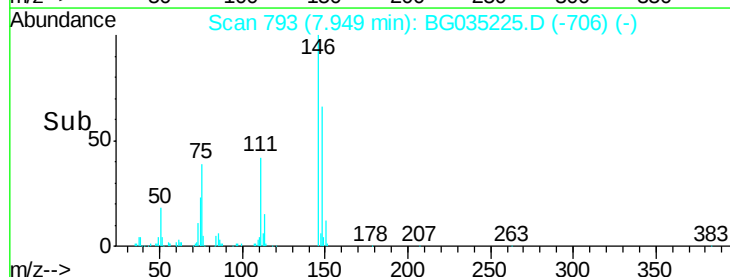
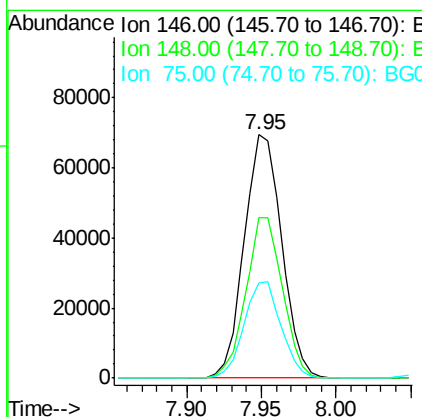
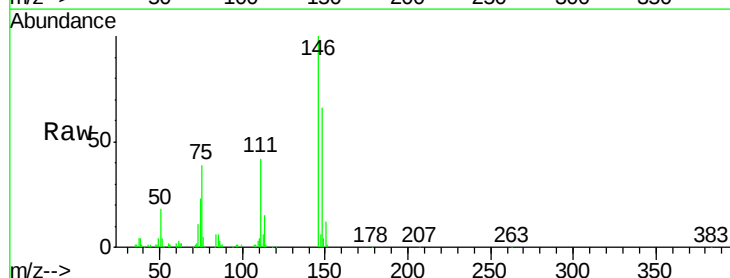
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

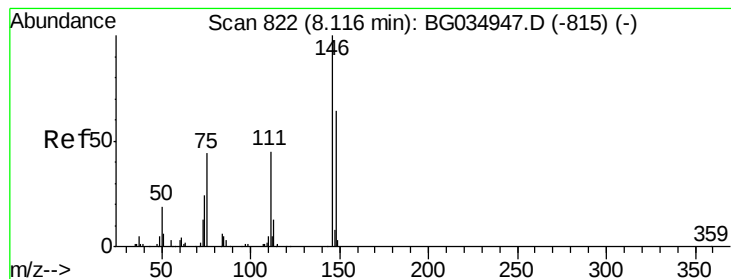
Tgt Ion: 93 Resp: 105883
 Ion Ratio Lower Upper
 93 100
 63 73.5 67.1 107.1
 95 32.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 35.999 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion: 146 Resp: 120876
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.4 77.2
 75 39.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 34.666 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

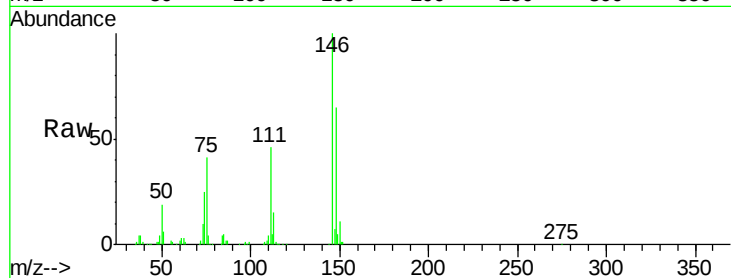
Tgt Ion:146 Resp: 120157

Ion Ratio Lower Upper

146 100

148 64.5 53.7 80.5

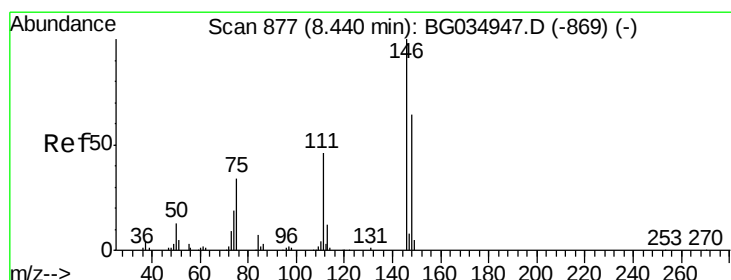
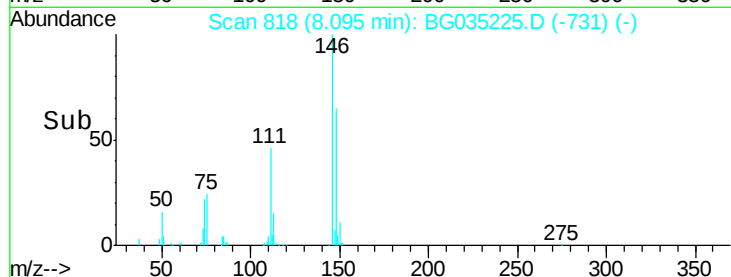
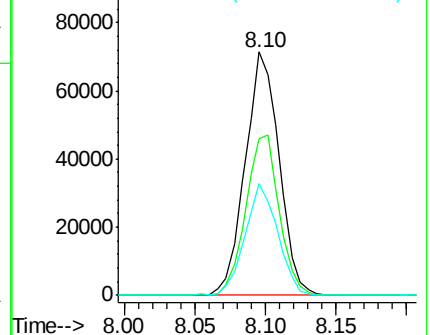
111 45.7 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.894 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

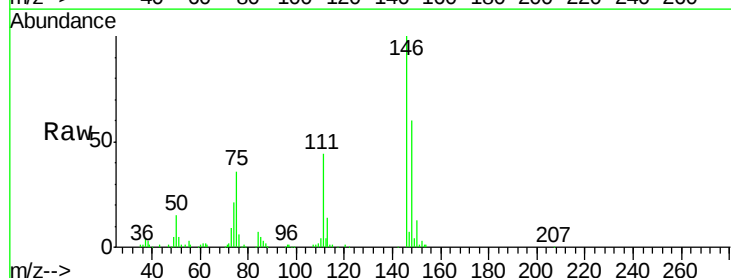
Tgt Ion:146 Resp: 116864

Ion Ratio Lower Upper

146 100

148 59.5 49.3 73.9

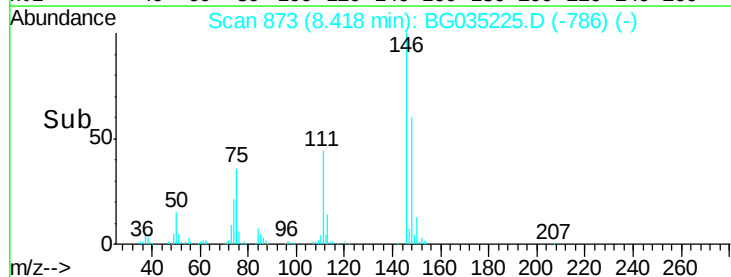
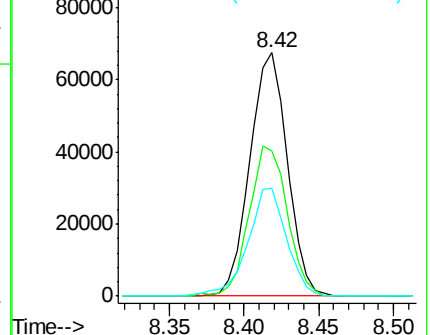
111 44.1 34.3 51.5

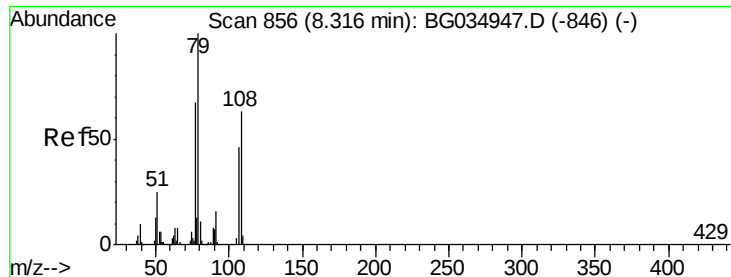


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.155 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

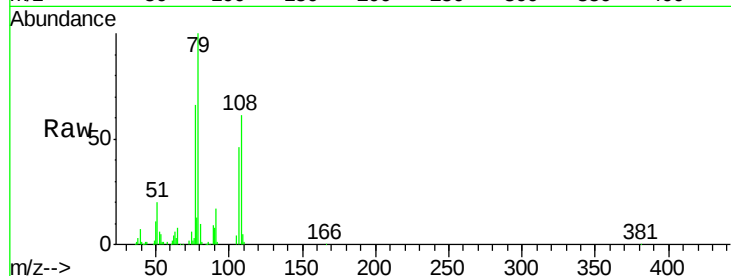
Tgt Ion: 79 Resp: 128240

Ion Ratio Lower Upper

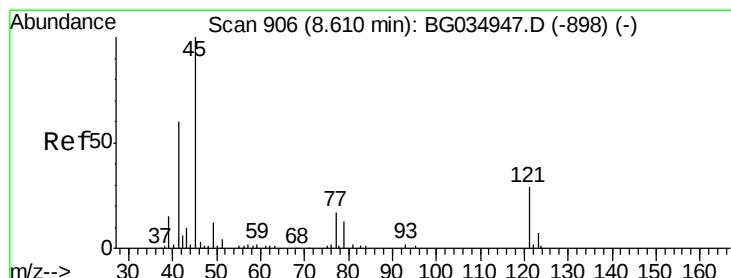
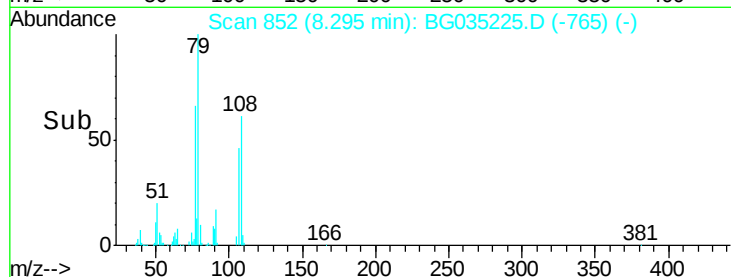
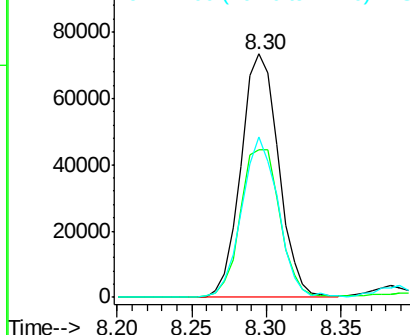
79 100

108 60.5 57.2 85.8

77 65.8 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.935 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

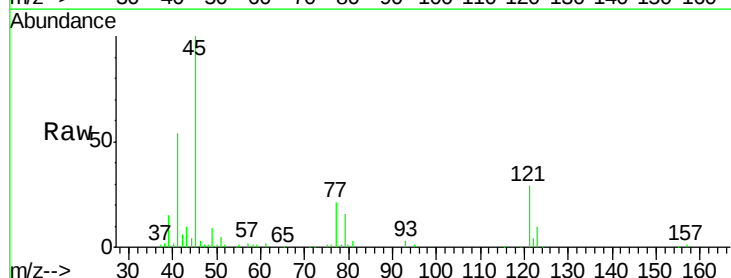
Tgt Ion: 45 Resp: 117005

Ion Ratio Lower Upper

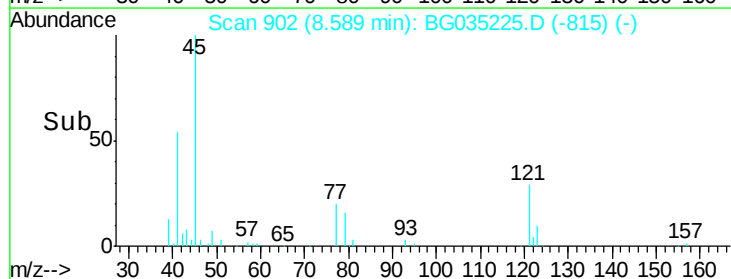
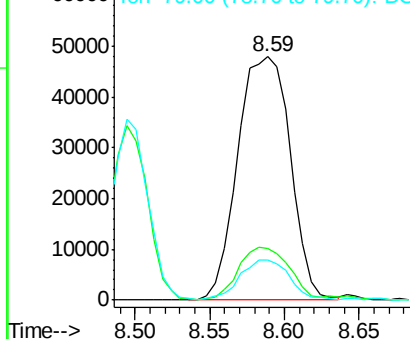
45 100

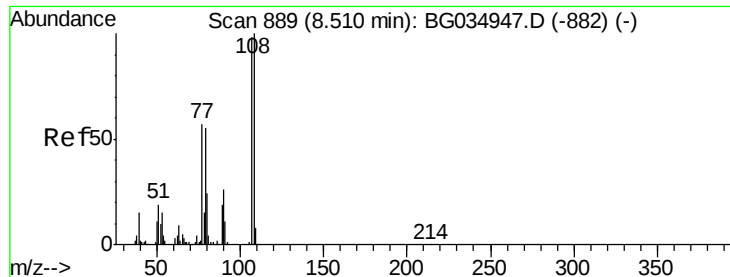
77 21.4 0.0 30.2

79 16.3 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

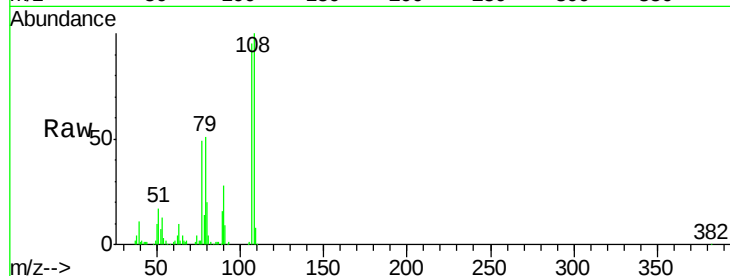




#17
2-Methylphenol
Concen: 39.645 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Instrument :
BNA_G
ClientSampleId :
PB110320BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.6	83.9	125.9
77	51.5	37.2	55.8
79	53.4	36.2	54.2



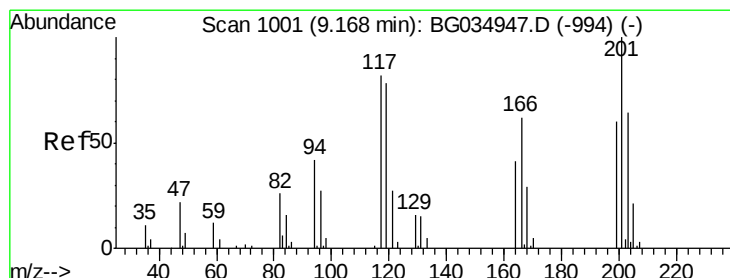
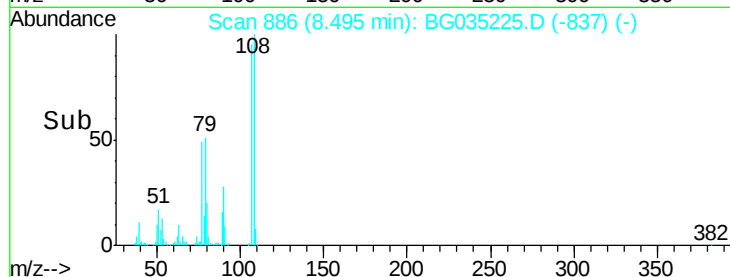
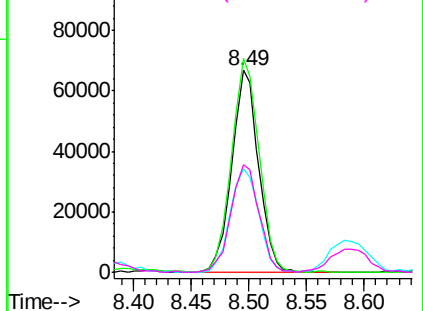
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

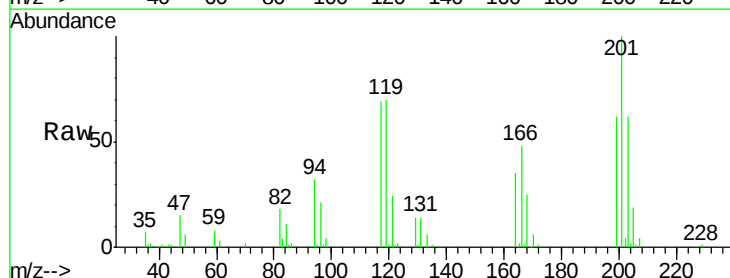
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.439 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.9	76.7	115.1
201	145.5	95.7	143.5#

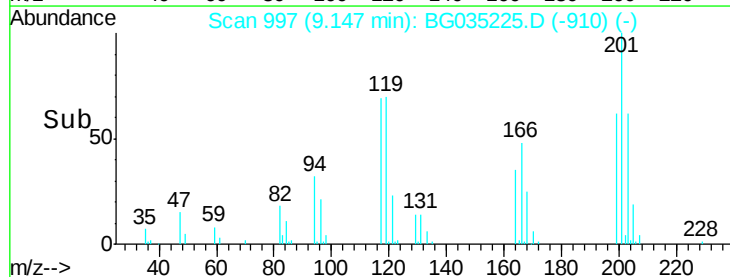
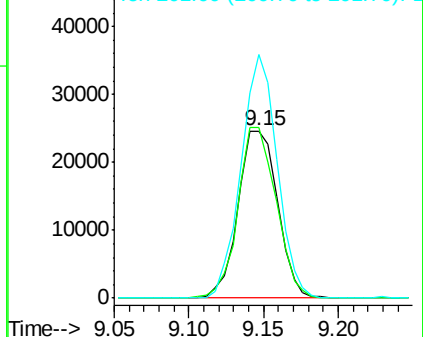


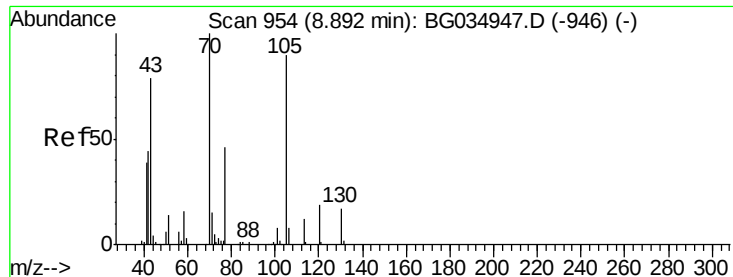
Abundance

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

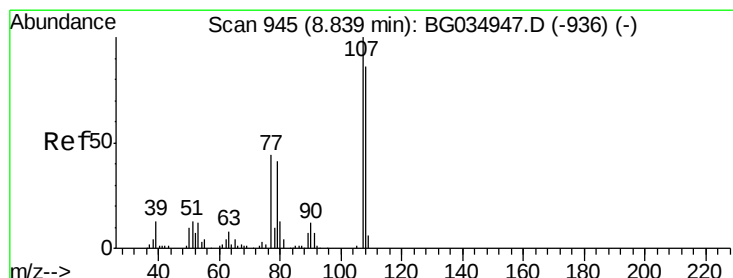
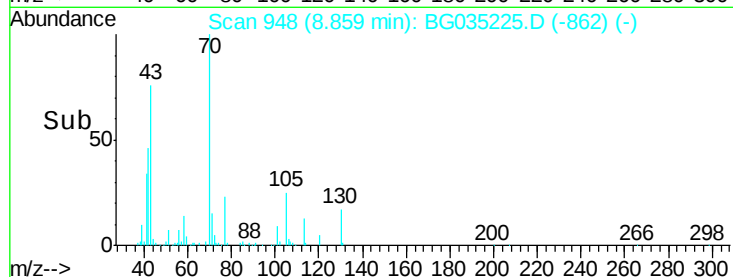
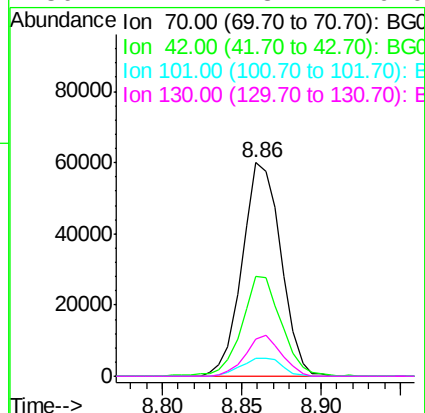
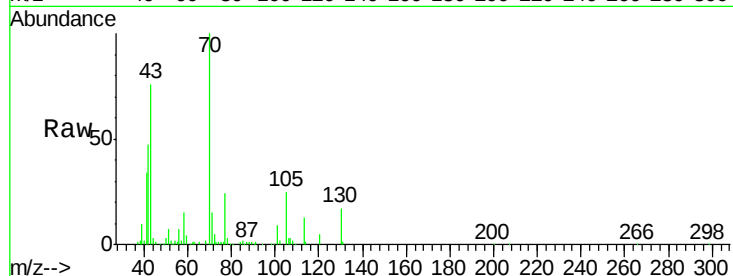




#19
n-Nitroso-di-n-propylamine
Concen: 30.210 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

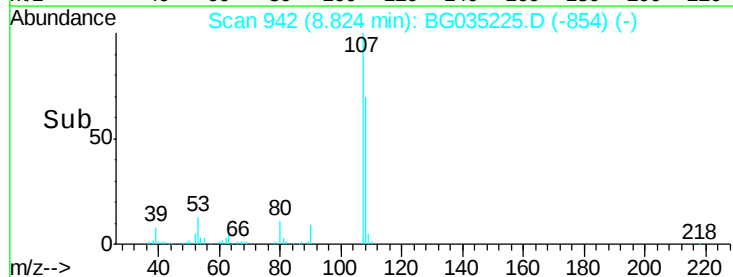
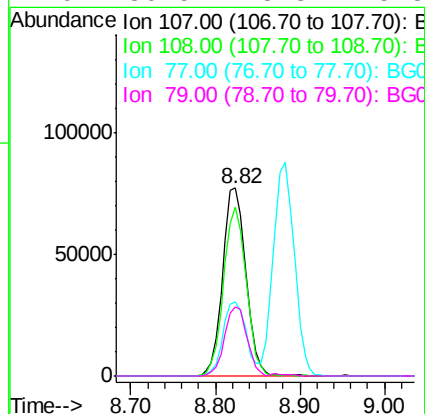
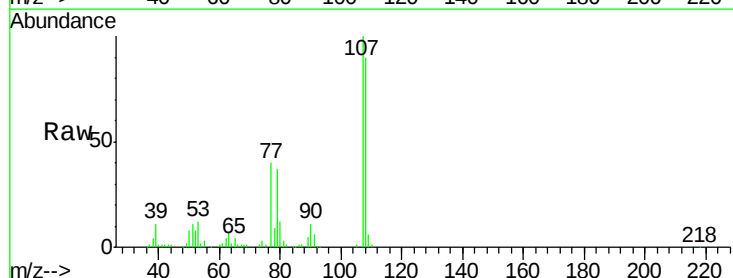
Instrument :
BNA_G
ClientSampleId :
PB110320BS

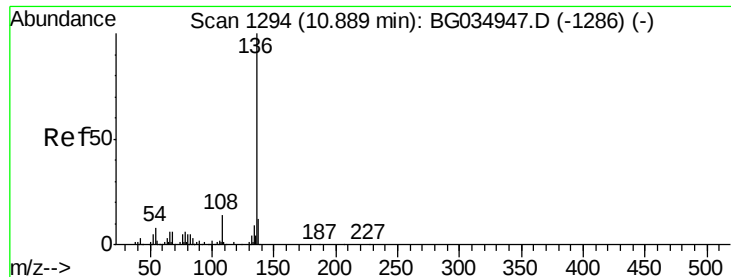
Tgt Ion: 70 Resp: 101700
Ion Ratio Lower Upper
70 100
42 46.5 49.1 73.7#
101 8.6 8.5 12.7
130 17.4 13.4 20.0



#20
3+4-Methylphenols
Concen: 38.163 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion: 107 Resp: 147890
Ion Ratio Lower Upper
107 100
108 89.7 61.6 101.6
77 39.7 13.9 53.9
79 36.5 8.8 48.8

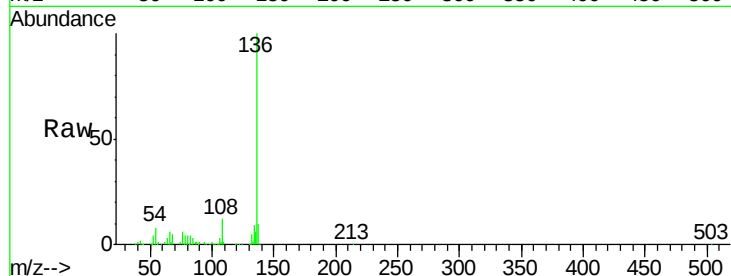




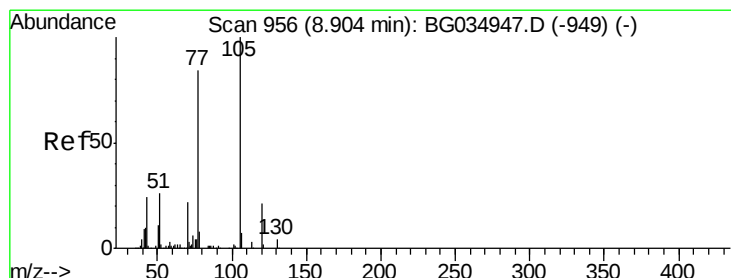
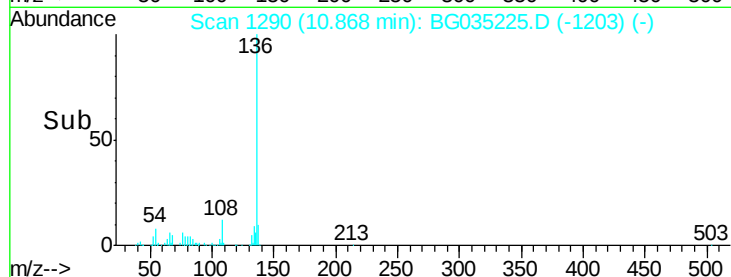
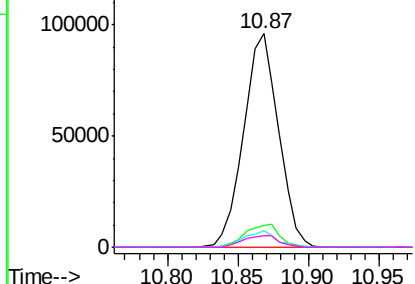
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Instrument :
BNA_G
ClientSampleId :
PB110320BS

Tgt Ion:	136	Resp:	166103
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.8	10.3	15.5#
68	5.1	4.5	6.7

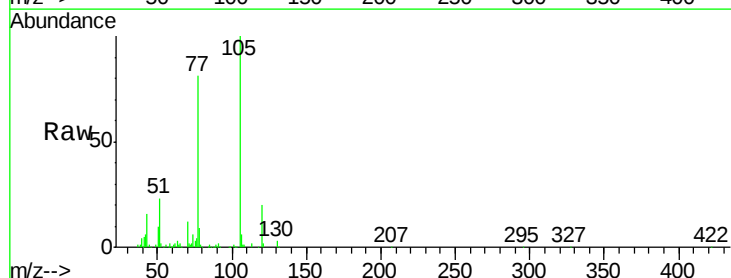


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

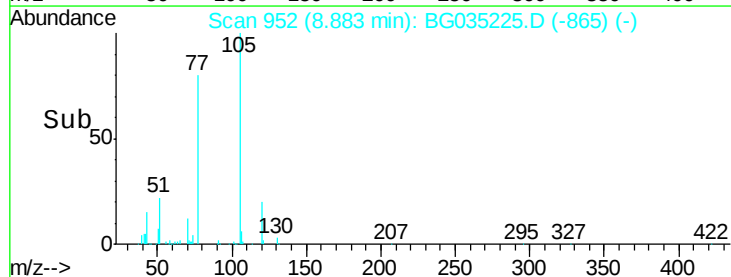
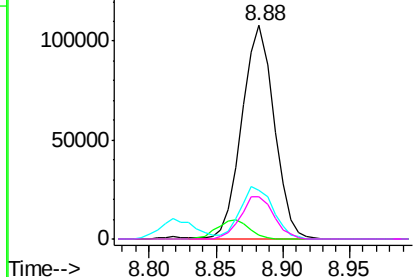


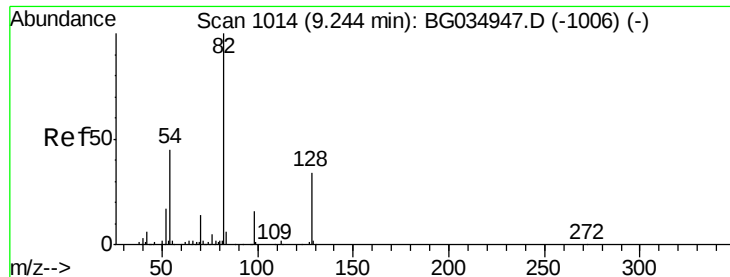
#22
Acetophenone
Concen: 34.915 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion:	105	Resp:	179649
Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.0	4.4#
51	22.6	26.1	39.1#
120	19.7	17.4	26.2



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

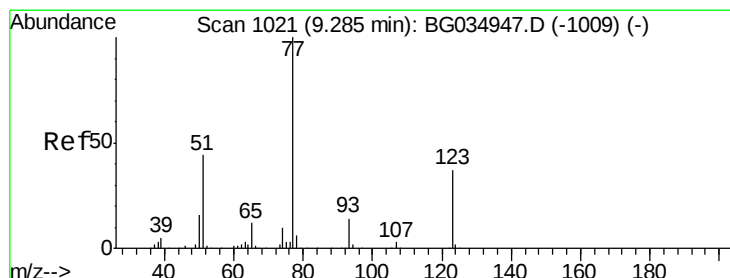
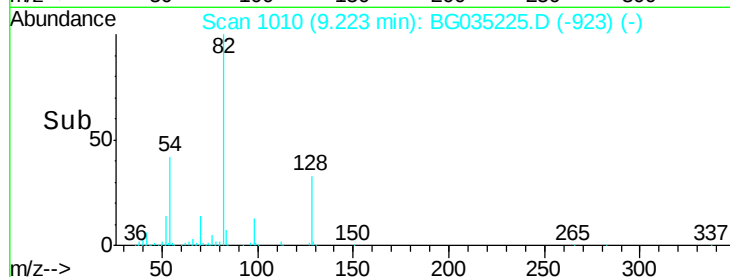
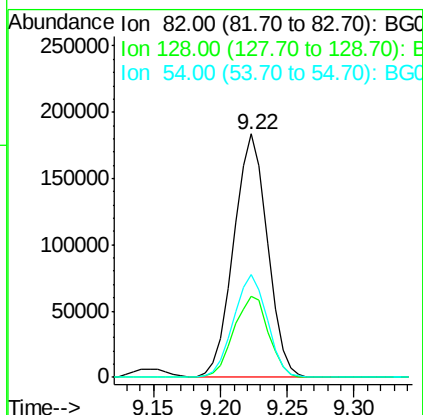
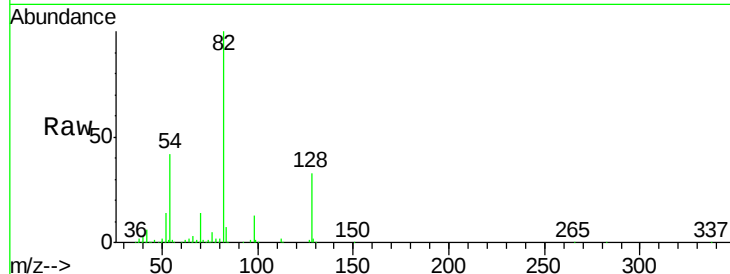




#23
 Nitrobenzene-d5
 Concen: 92.299 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

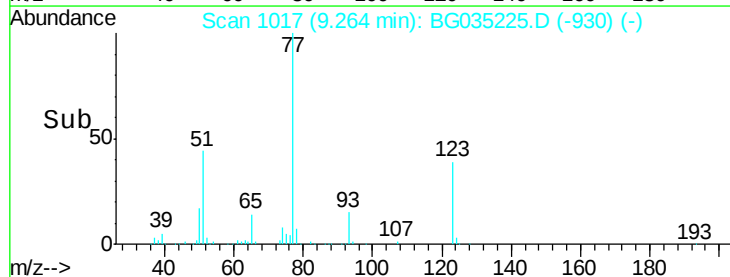
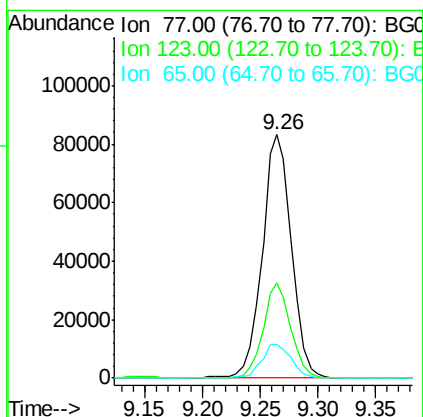
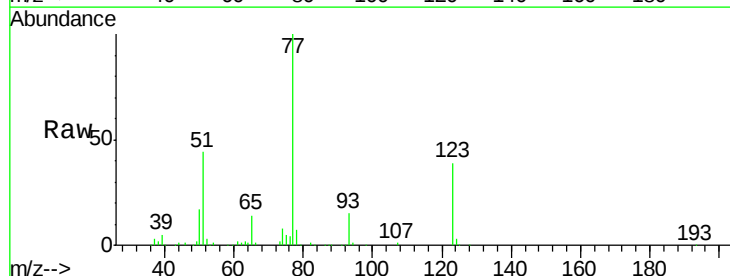
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

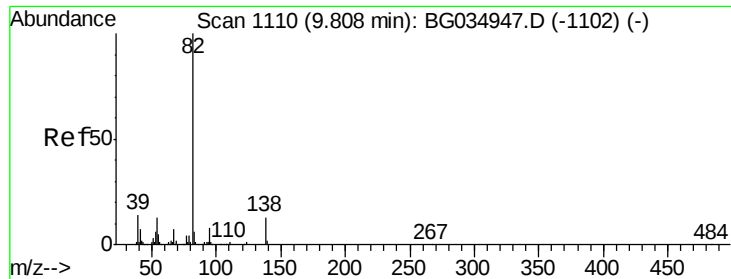
Tgt Ion: 82 Resp: 322528
 Ion Ratio Lower Upper
 82 100
 128 33.0 29.7 44.5
 54 42.3 43.1 64.7#



#24
 Nitrobenzene
 Concen: 40.800 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion: 77 Resp: 145994
 Ion Ratio Lower Upper
 77 100
 123 39.0 33.0 49.6
 65 13.8 13.0 19.6





#25

Isophorone

Concen: 39.178 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

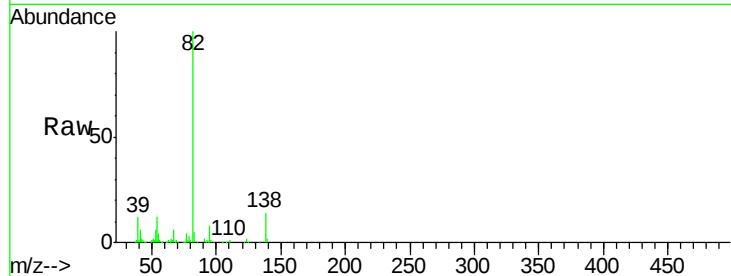
Tgt Ion: 82 Resp: 289047

Ion Ratio Lower Upper

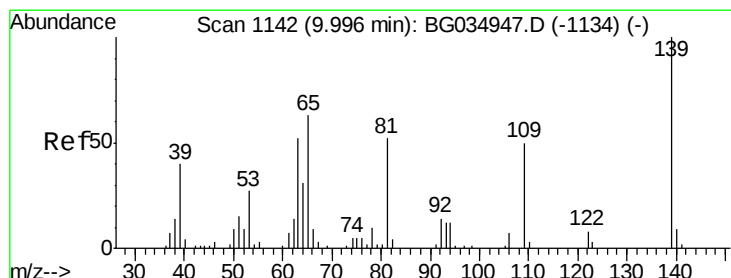
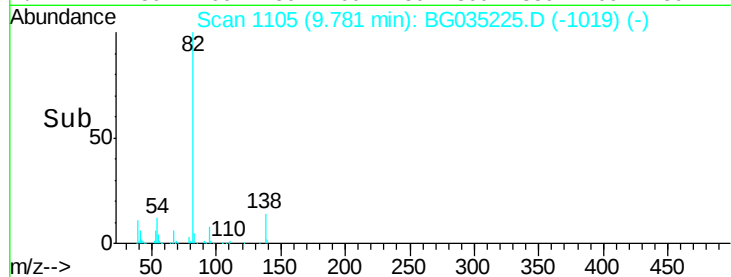
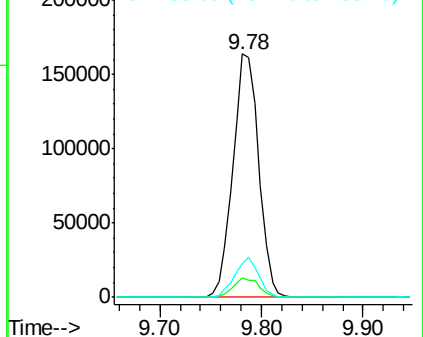
82 100

95 8.1 6.2 9.2

138 13.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 49.119 ng

RT: 9.98 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

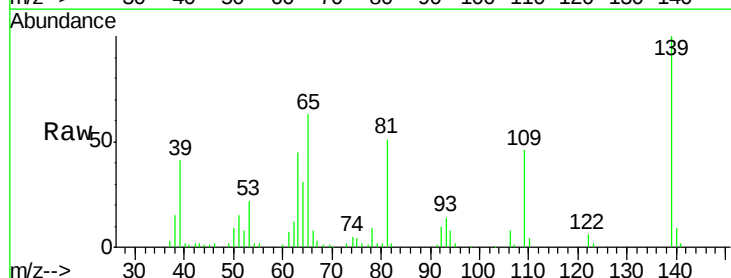
Tgt Ion: 139 Resp: 60584

Ion Ratio Lower Upper

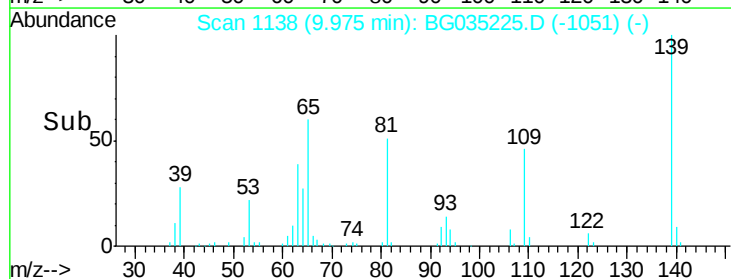
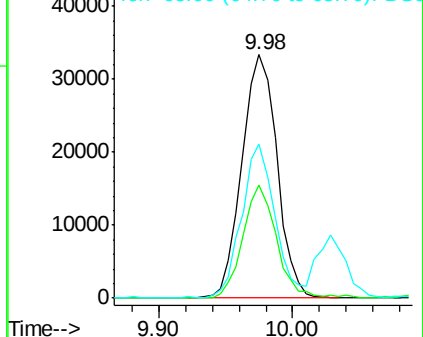
139 100

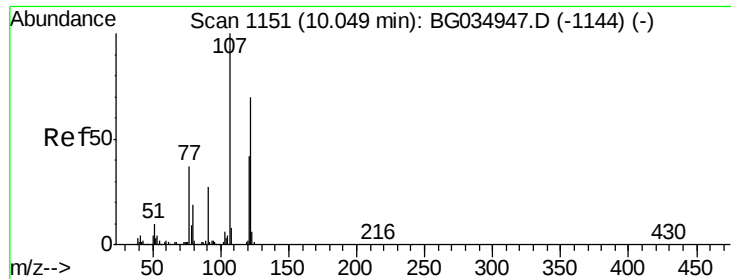
109 46.2 24.2 36.2#

65 63.3 47.4 71.0



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

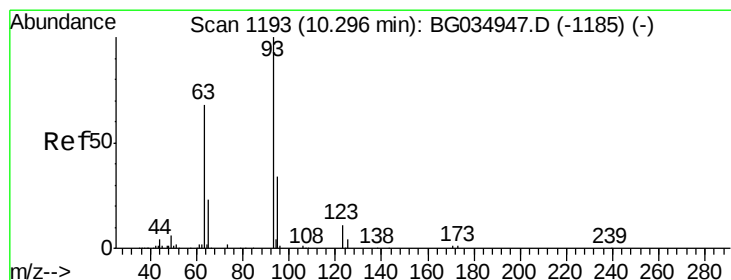
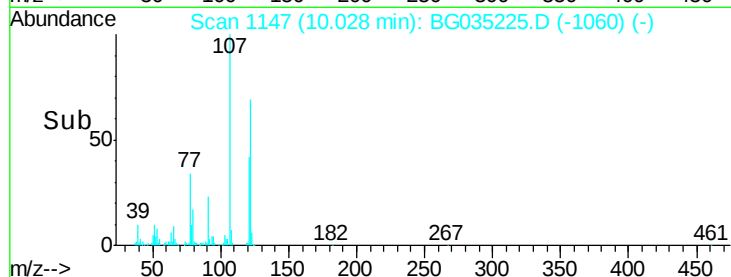
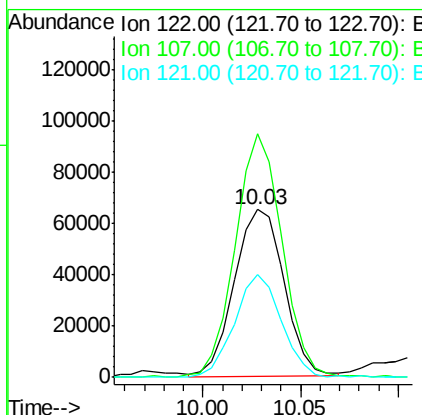
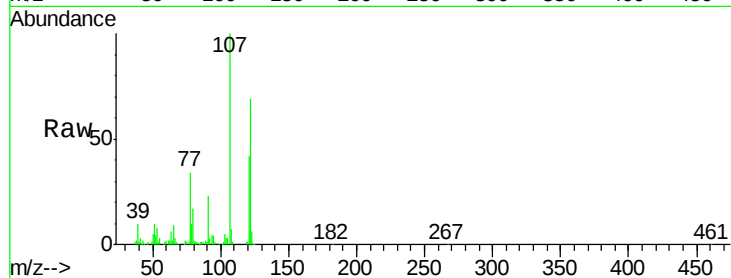




#27
2,4-Dimethylphenol
Concen: 44.588 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

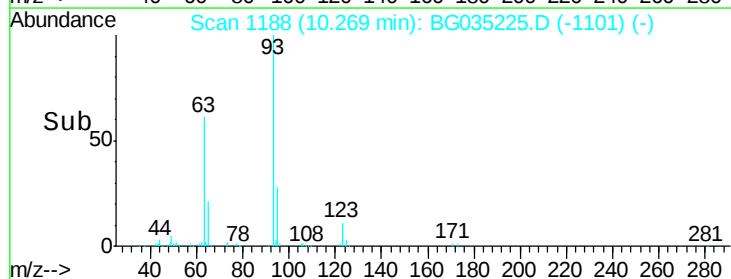
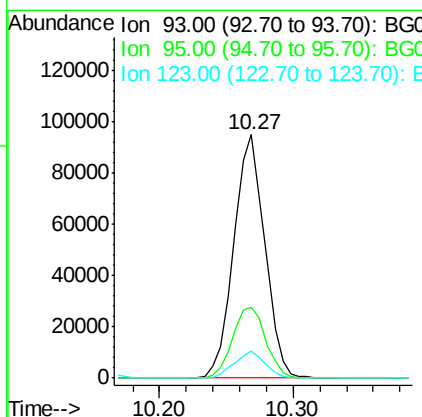
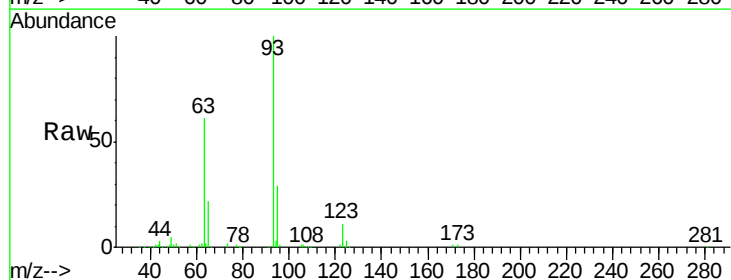
Instrument :
BNA_G
ClientSampleId :
PB110320BS

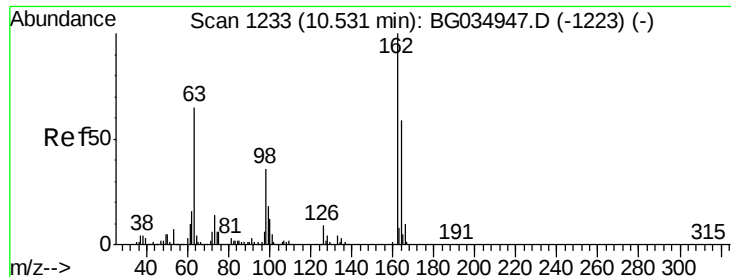
Tgt Ion	Ratio	Lower	Upper
122	100		
107	144.9	100.2	150.2
121	61.2	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.622 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	24.3	36.5
123	11.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 43.890 ng

RT: 10.51 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

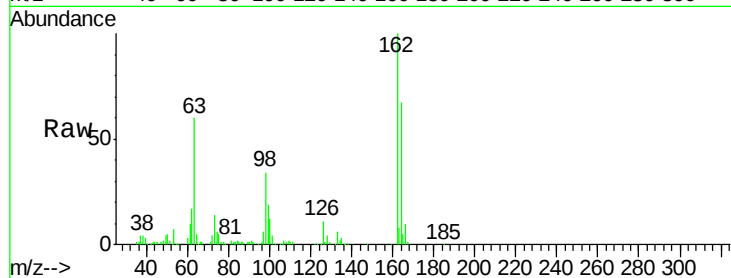
Tgt Ion:162 Resp: 123812

Ion Ratio Lower Upper

162 100

164 67.2 48.0 88.0

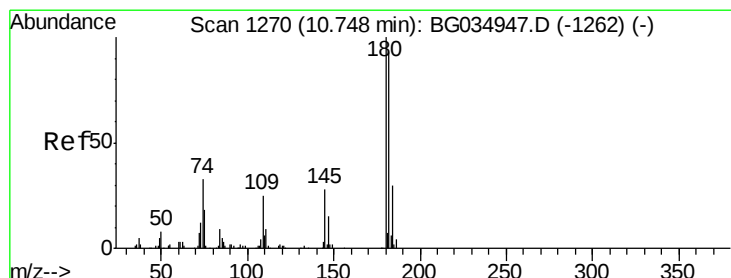
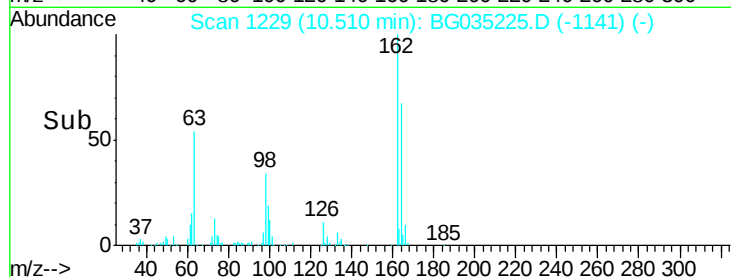
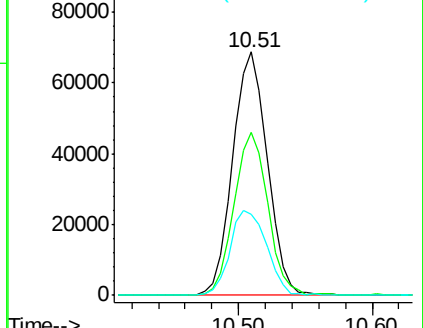
98 33.5 21.1 61.1



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: 39.025 ng

RT: 10.73 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

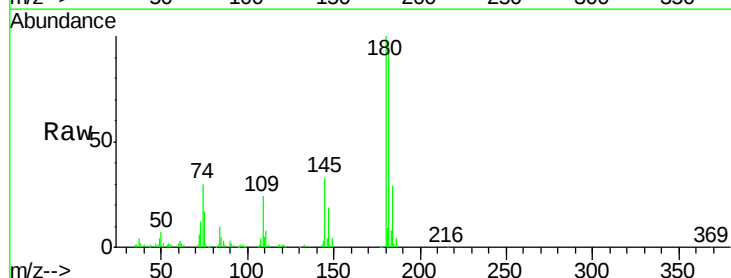
Tgt Ion:180 Resp: 132004

Ion Ratio Lower Upper

180 100

182 94.5 77.5 116.3

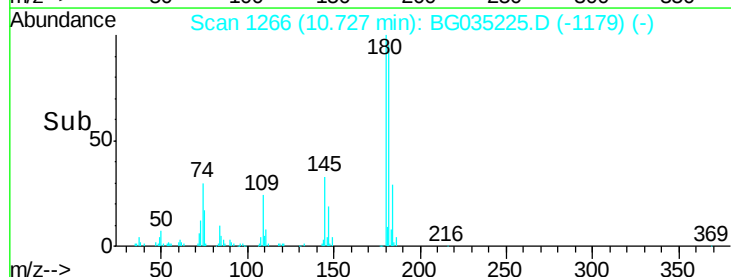
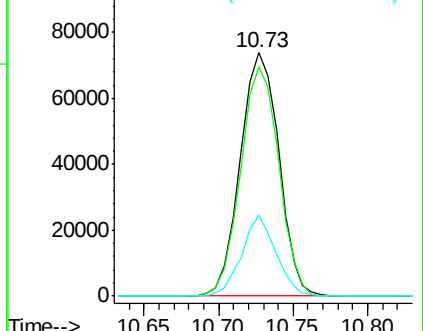
145 33.3 23.4 35.2

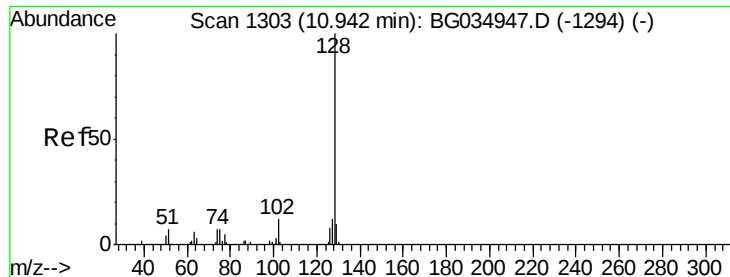


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

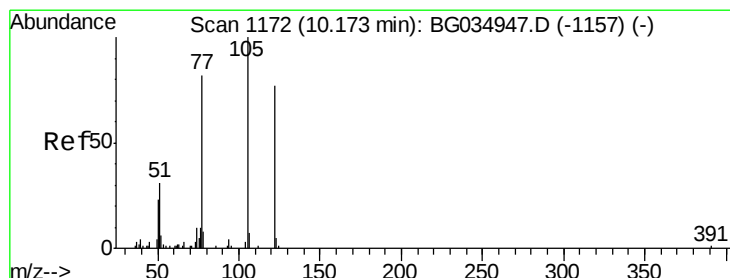
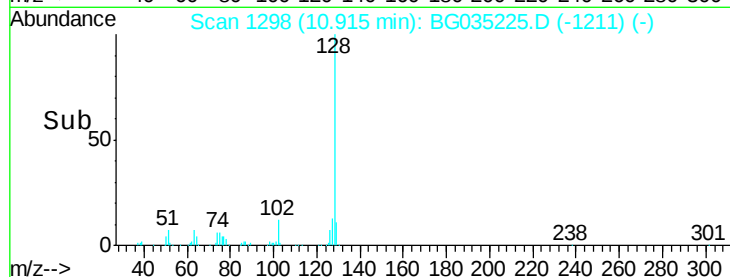
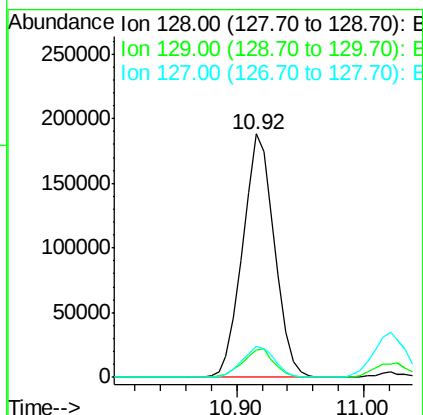
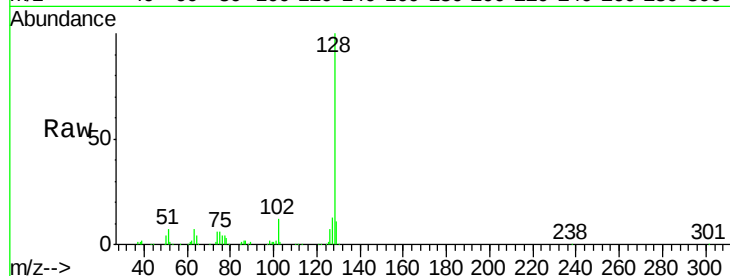




#31
Naphthalene
Concen: 37.836 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

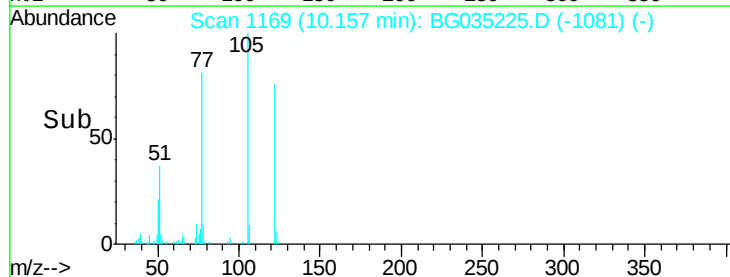
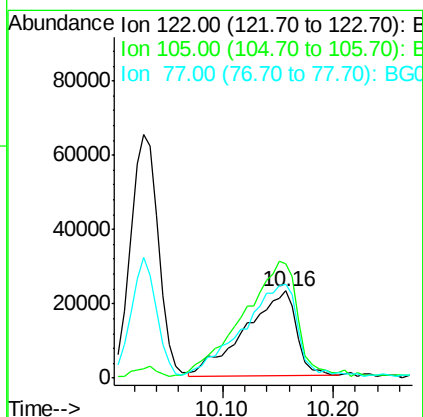
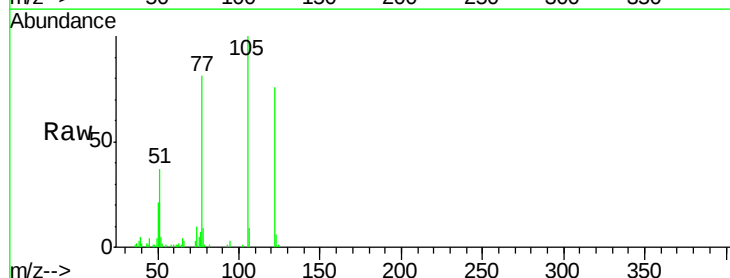
Instrument :
BNA_G
ClientSampleId :
PB110320BS

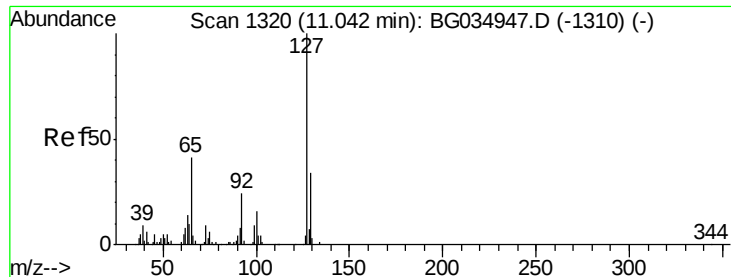
Tgt Ion:128 Resp: 326484
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.0 11.6 17.4



#32
Benzoic acid
Concen: 42.657 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion:122 Resp: 74074
Ion Ratio Lower Upper
122 100
105 131.7 123.5 163.5
77 107.3 85.7 125.7

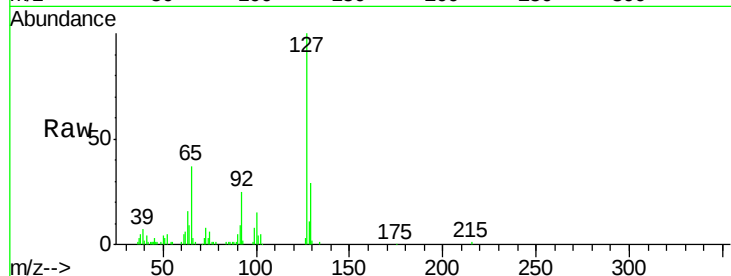




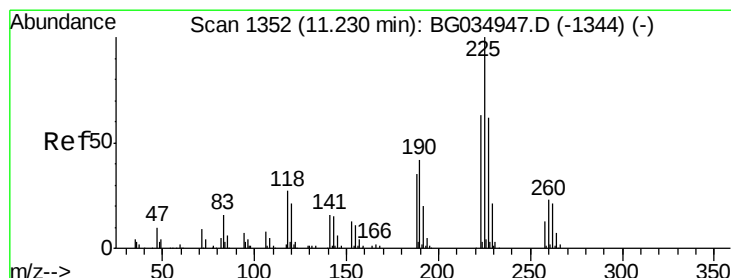
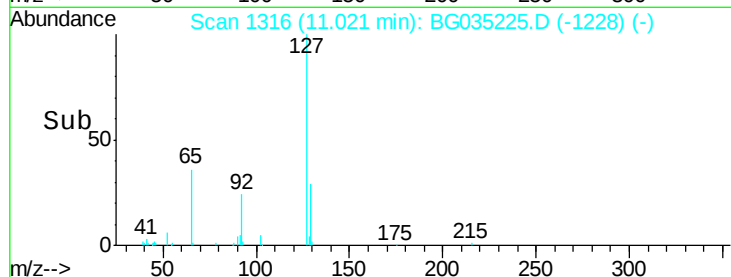
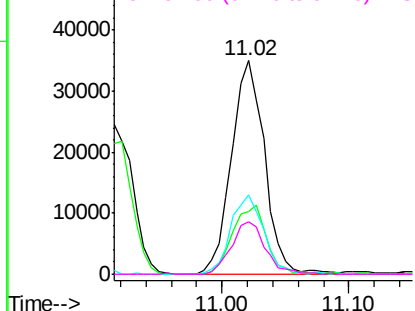
#33
4-Chloroaniline
Concen: 16.936 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Instrument :
BNA_G
ClientSampled :
PB110320BS

Tgt Ion:	127	Resp:	63453
Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.0	36.0
65	37.0	27.0	40.4
92	24.8	16.6	25.0

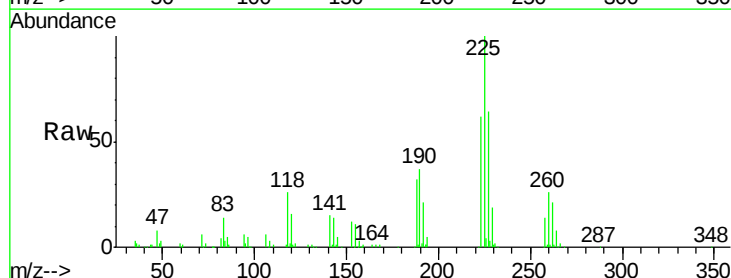


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

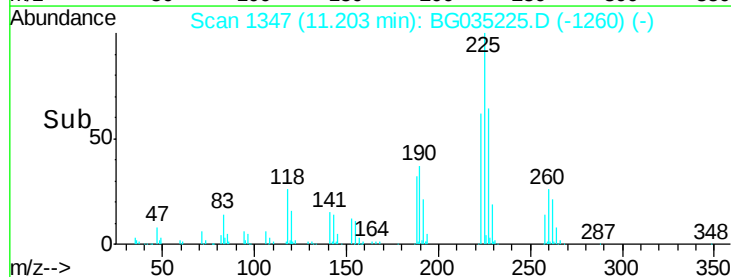
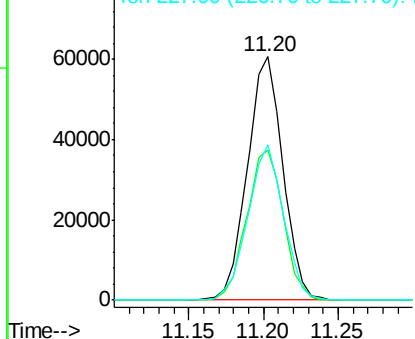


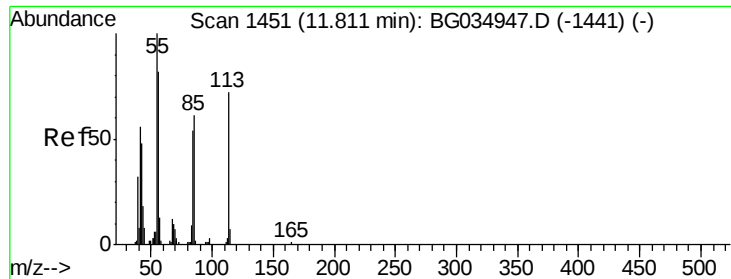
#34
Hexachlorobutadiene
Concen: 37.722 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion:	225	Resp:	99233
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	63.8	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.111 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

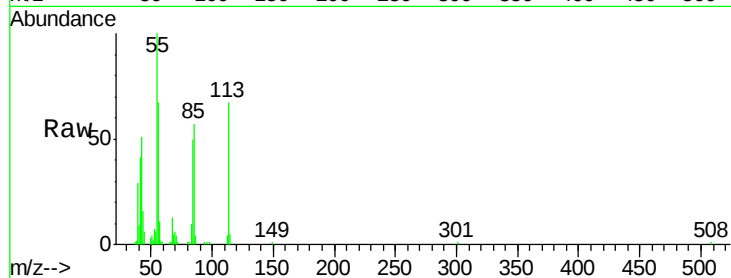
Tgt Ion:113 Resp: 26179

Ion Ratio Lower Upper

113 100

55 148.7 186.9 226.9#

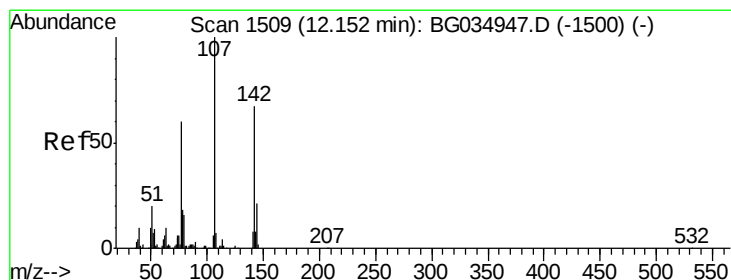
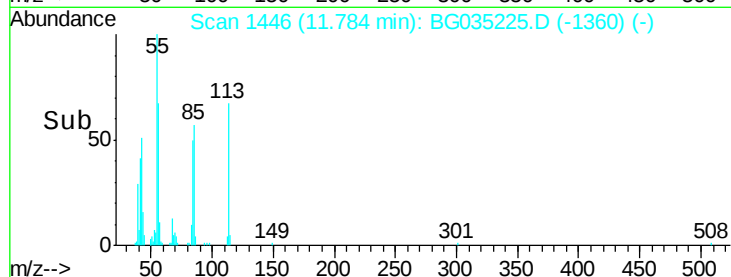
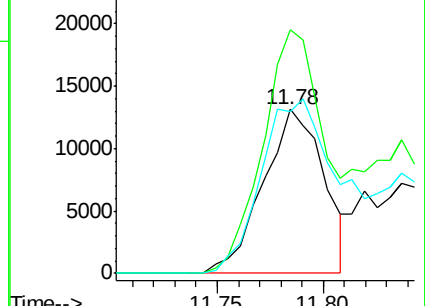
56 98.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.901 ng

RT: 12.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

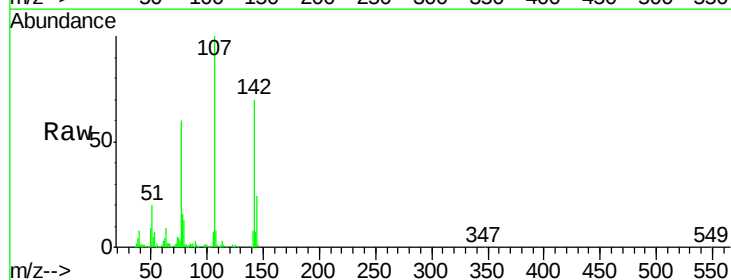
Tgt Ion:107 Resp: 157892

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

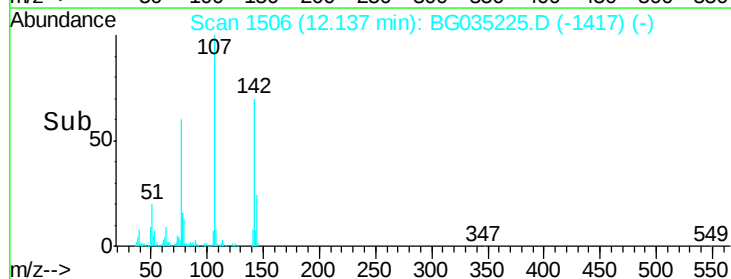
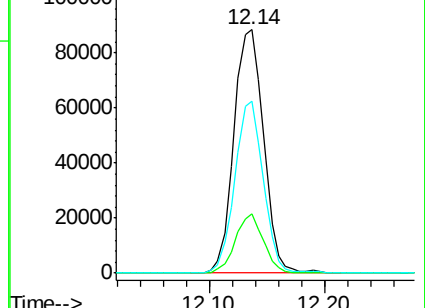
142 70.4 59.0 88.4

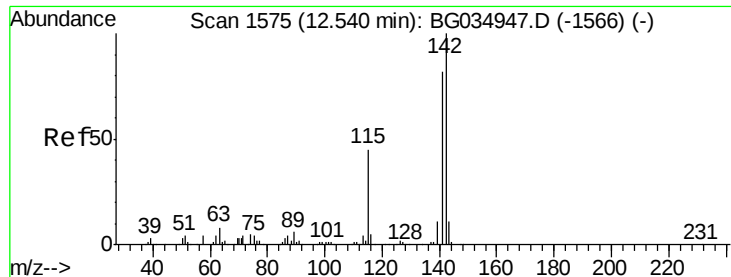


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

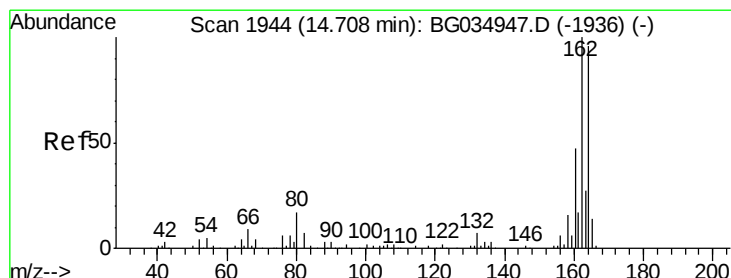
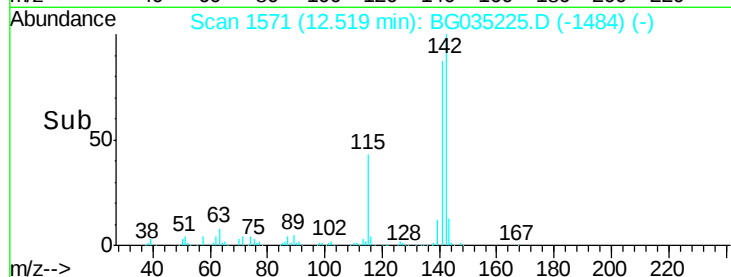
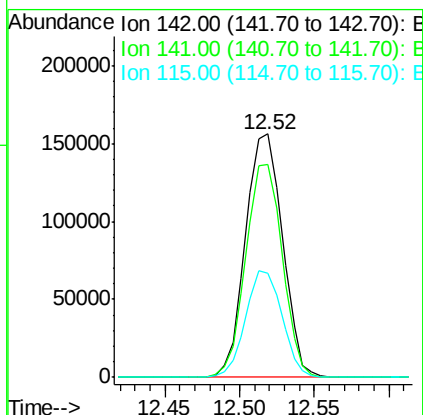
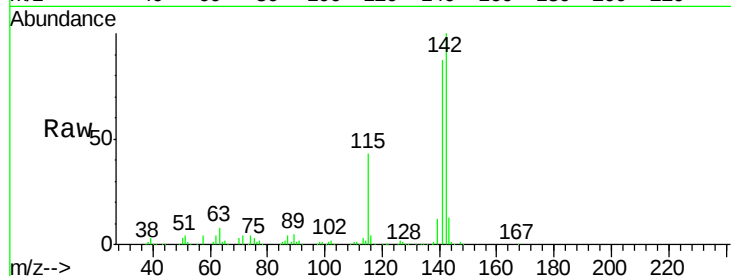




#37
2-Methylnaphthalene
Concen: 41.010 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

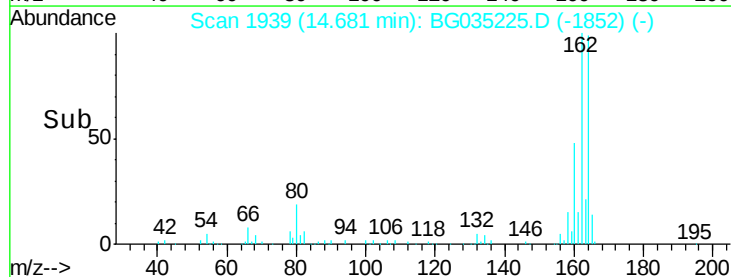
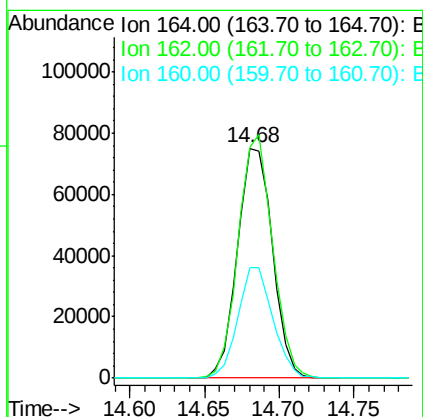
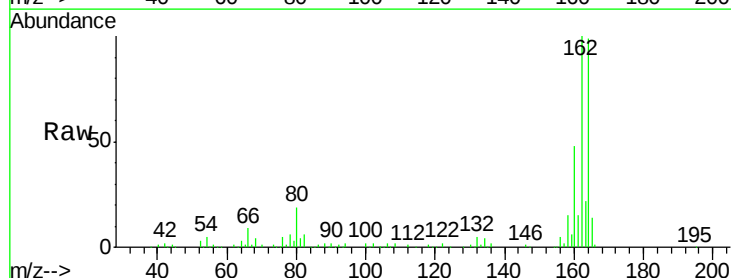
Instrument :
BNA_G
ClientSampleId :
PB110320BS

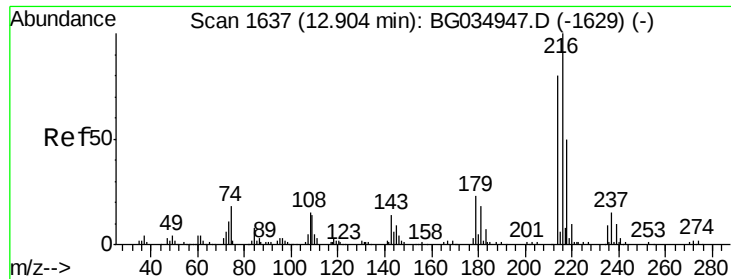
Tgt Ion:142 Resp: 268292
Ion Ratio Lower Upper
142 100
141 87.5 67.1 100.7
115 42.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion:164 Resp: 121939
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 47.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.464 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

Tgt Ion:216 Resp: 174703

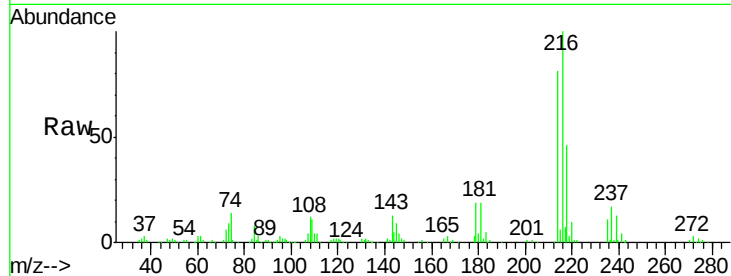
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 19.7 17.0 25.6

108 15.8 12.8 19.2

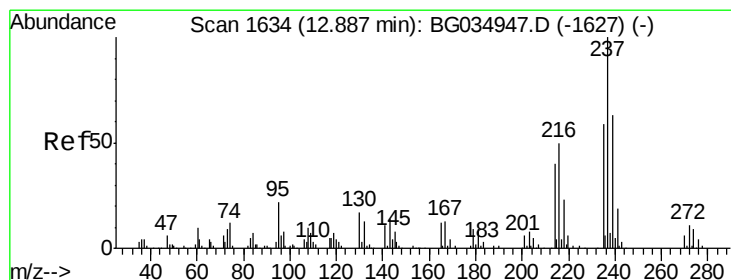
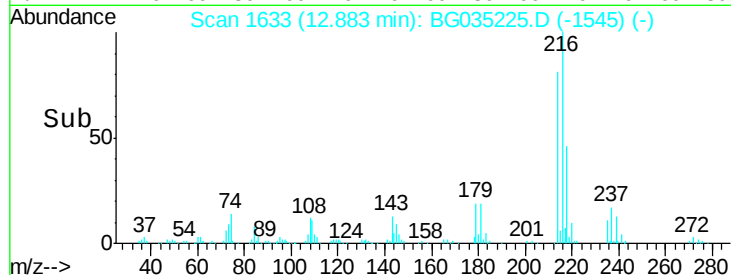
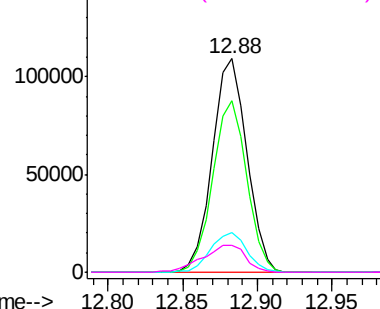


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.187 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

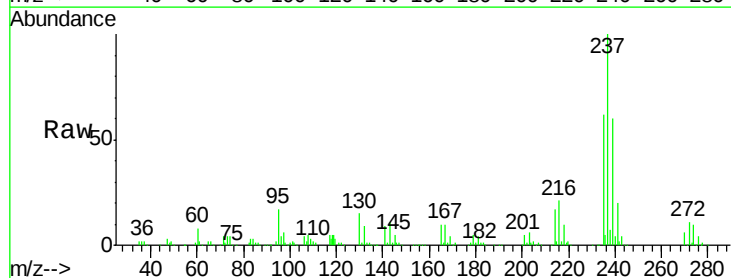
Tgt Ion:237 Resp: 254025

Ion Ratio Lower Upper

237 100

235 62.3 50.4 90.4

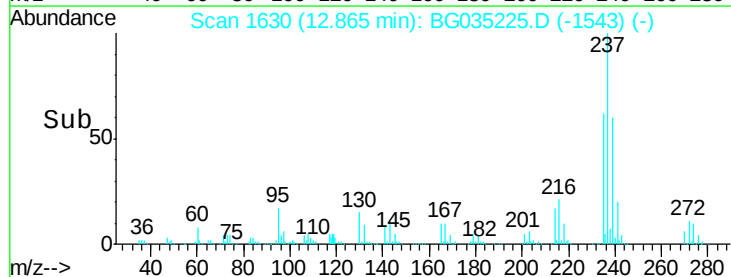
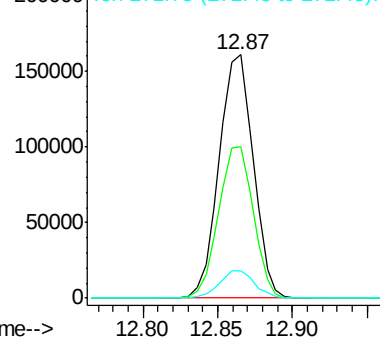
272 11.4 0.0 31.8

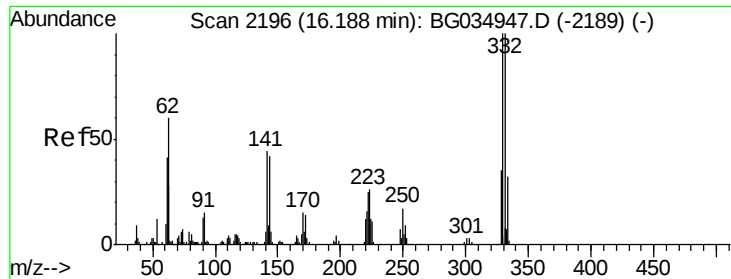


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

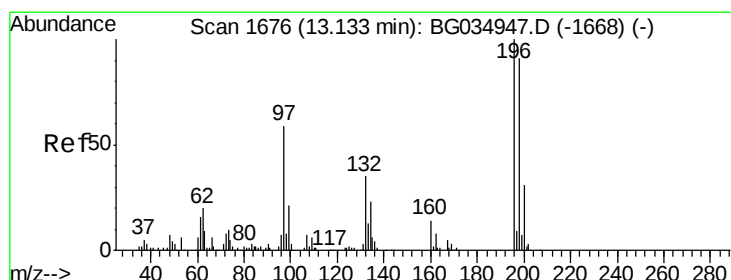
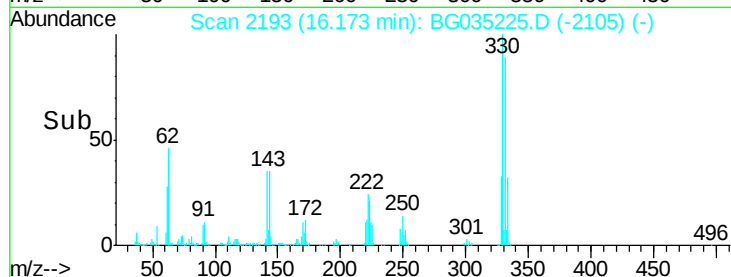
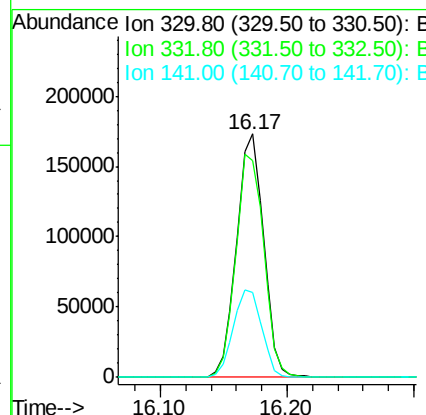
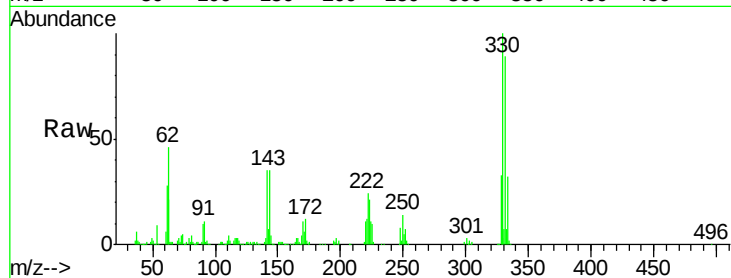




#41
 2,4,6-Tribromophenol
 Concen: 163.692 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

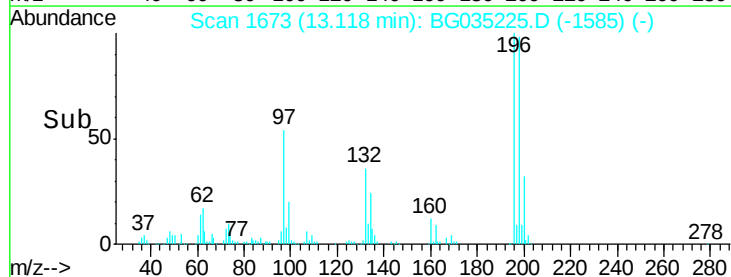
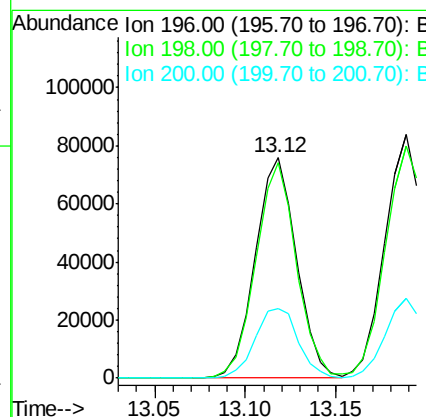
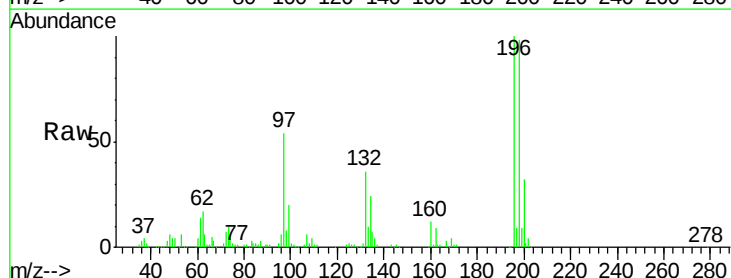
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

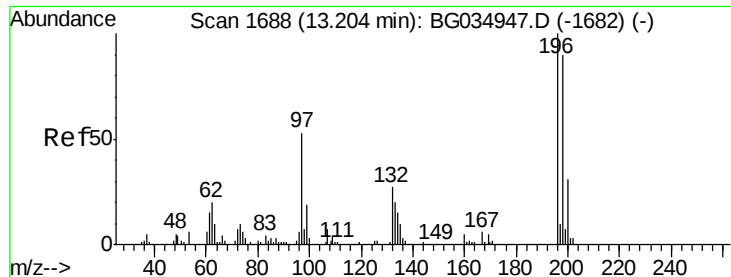
Tgt Ion:330 Resp: 255519
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 37.7 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 44.420 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion:196 Resp: 120807
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.2 117.2
 200 31.7 24.6 36.8

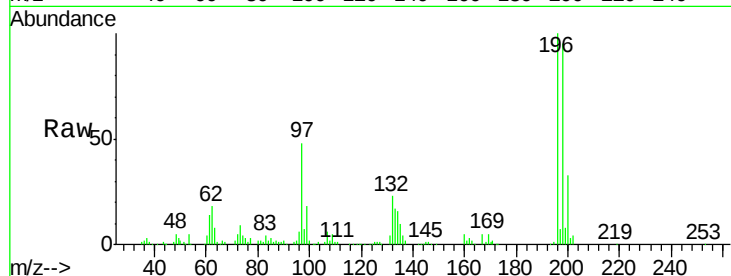




#43
 2,4,5-Trichlorophenol
 Concen: 44.055 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.4
97	48.3	38.7	58.1
132	23.5	20.2	30.2



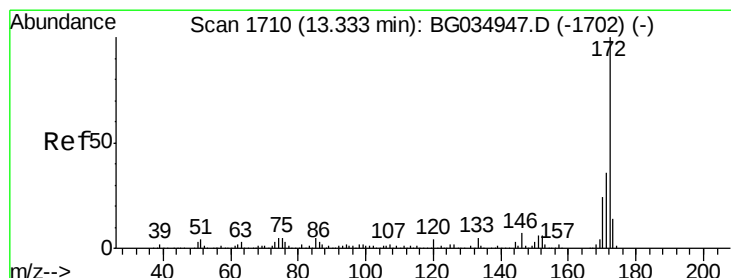
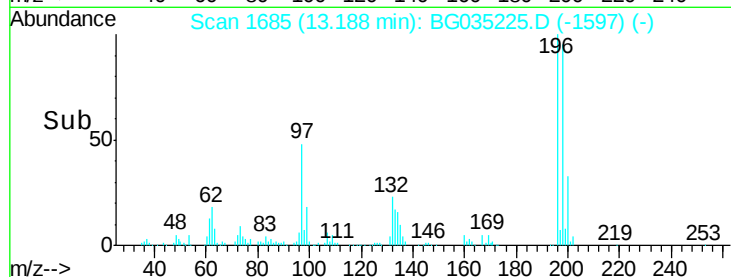
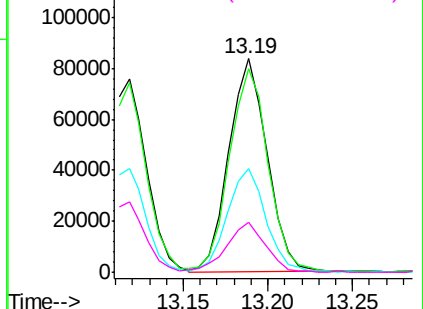
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

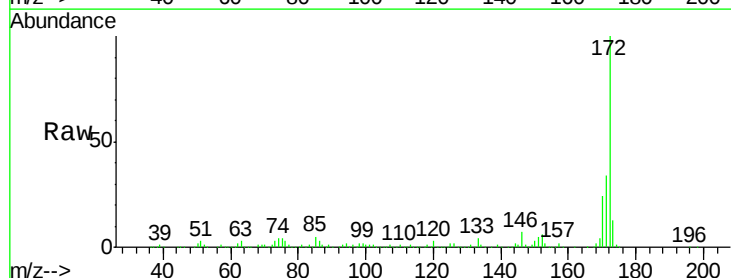
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.327 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.9	19.5	29.3

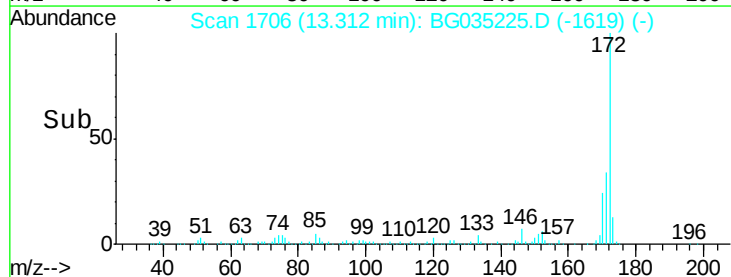
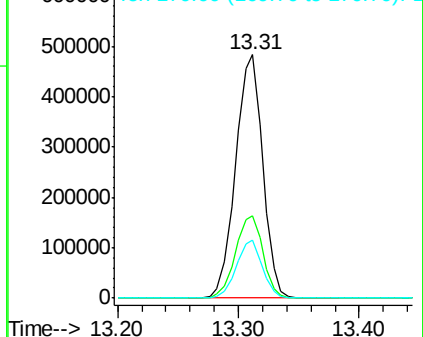


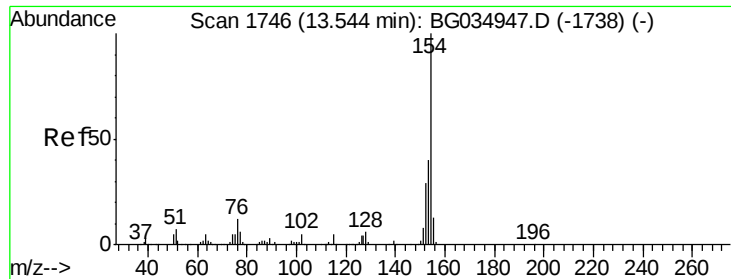
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

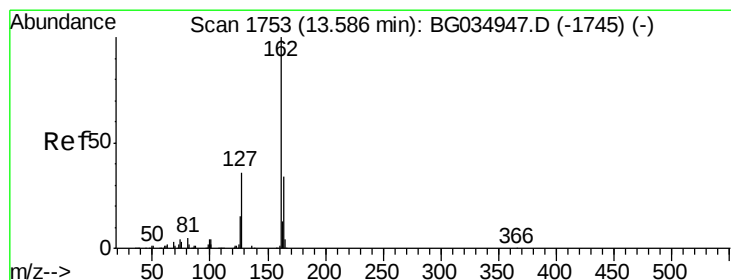
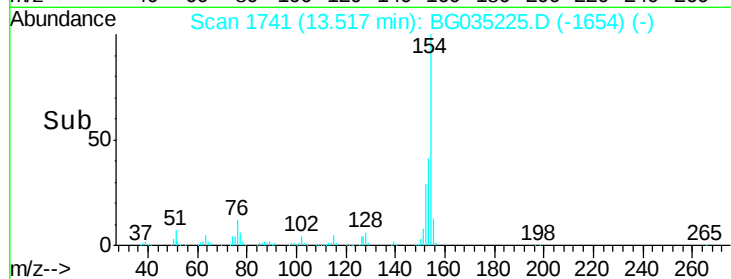
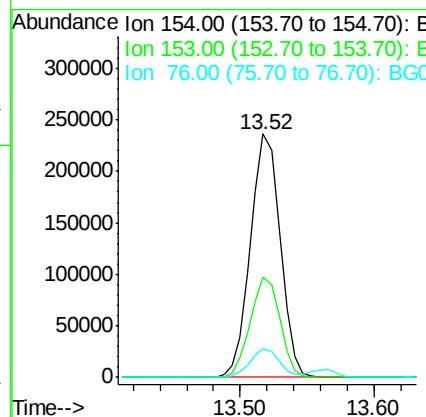
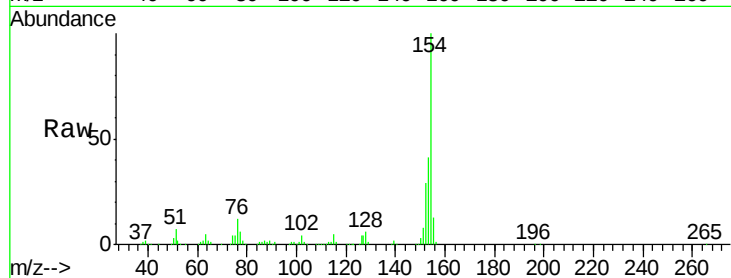




#45
 1,1'-Biphenyl
 Concen: 36.959 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

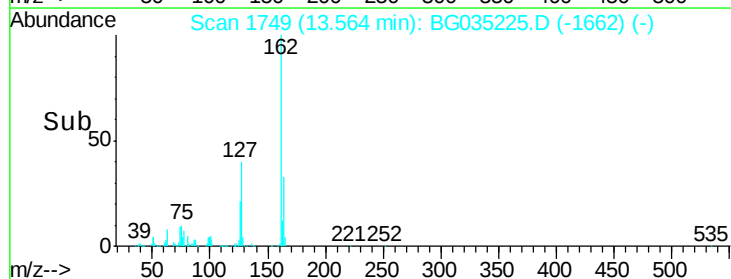
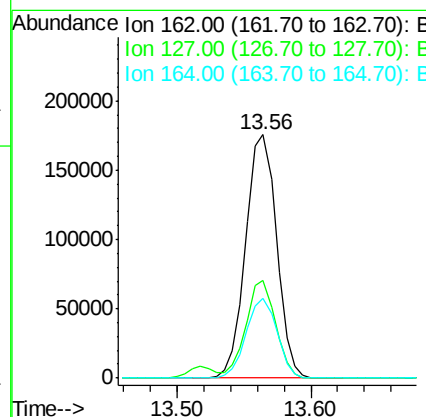
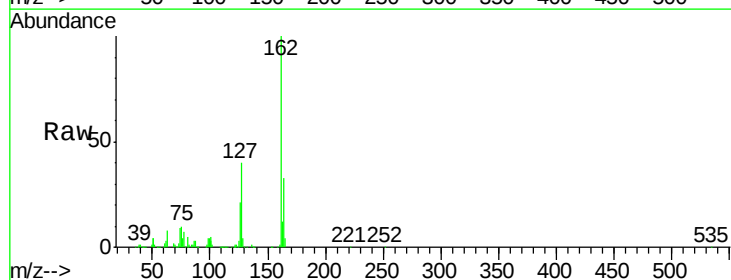
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

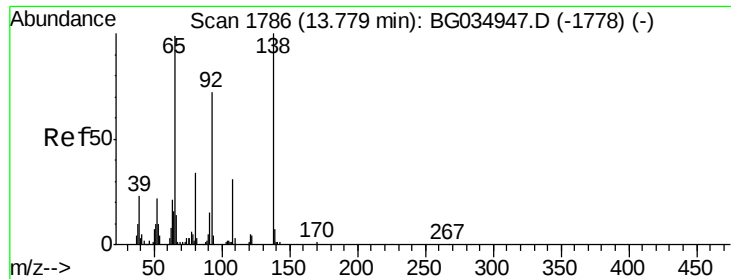
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	11.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.772 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	33.0	26.0	39.0

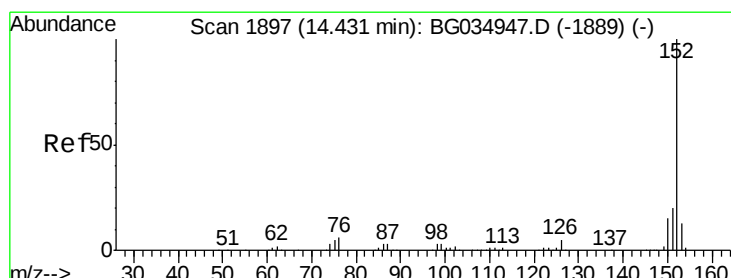
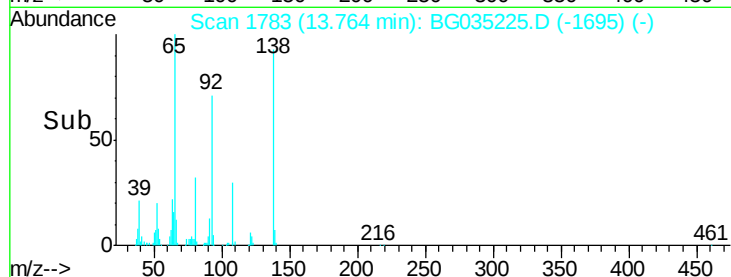
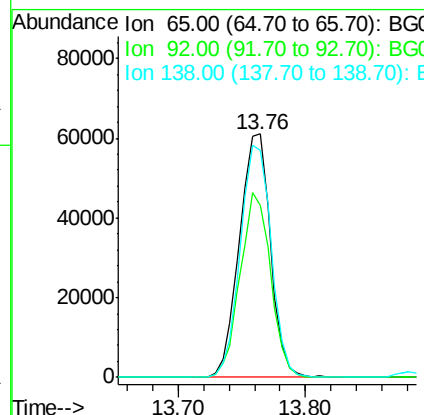
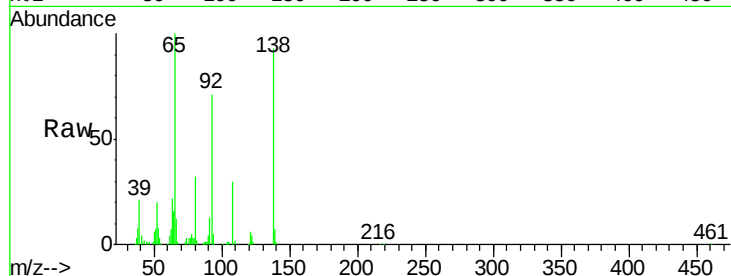




#47
2-Nitroaniline
Concen: 47.255 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

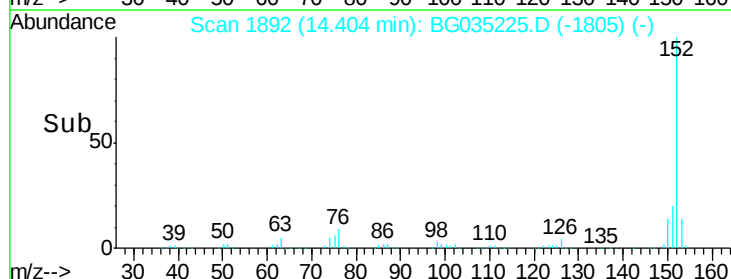
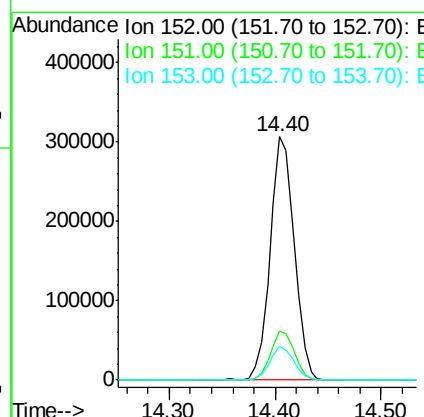
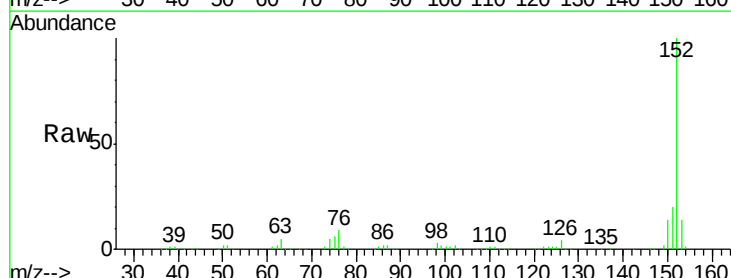
Instrument :
BNA_G
ClientSampleId :
PB110320BS

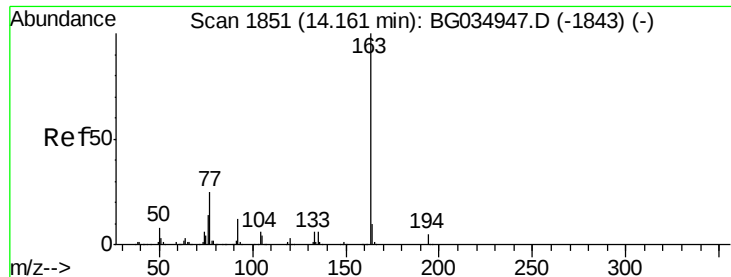
Tgt Ion: 65 Resp: 103445
Ion Ratio Lower Upper
65 100
92 70.6 54.6 82.0
138 93.3 72.9 109.3



#48
Acenaphthylene
Concen: 38.966 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion: 152 Resp: 484372
Ion Ratio Lower Upper
152 100
151 20.0 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 38.924 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

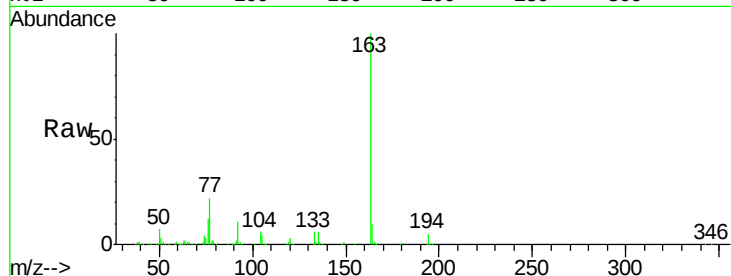
Tgt Ion:163 Resp: 413901

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

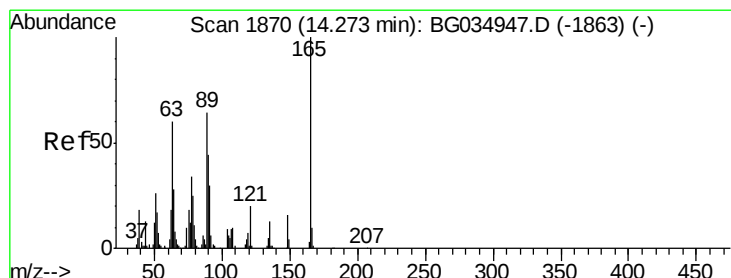
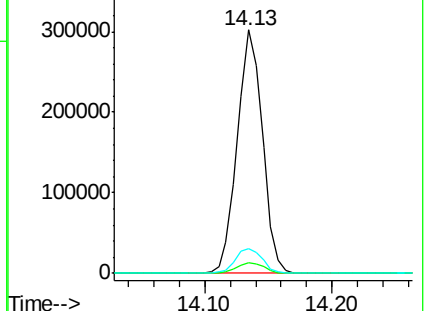
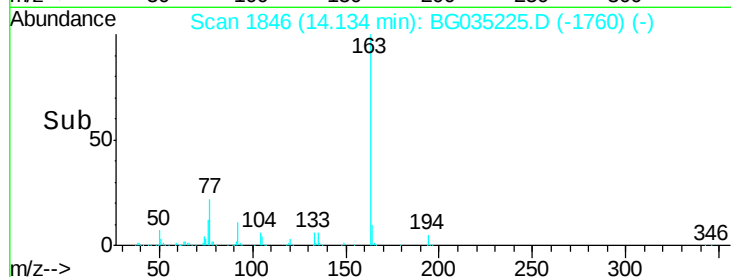
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.906 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

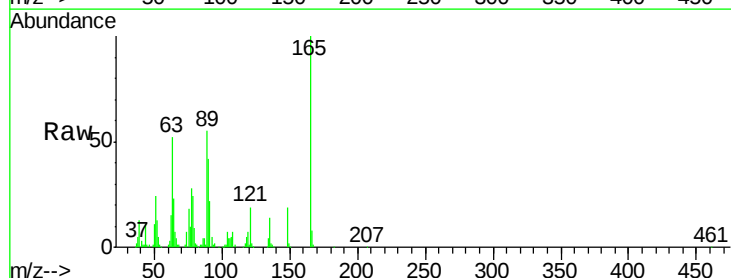
Tgt Ion:165 Resp: 96812

Ion Ratio Lower Upper

165 100

63 52.3 52.7 79.1#

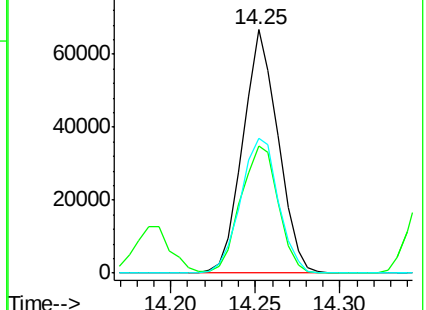
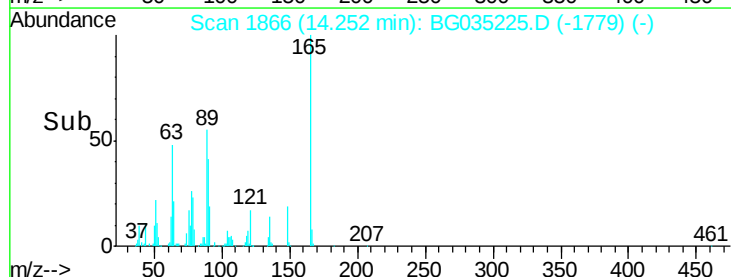
89 55.4 49.2 73.8

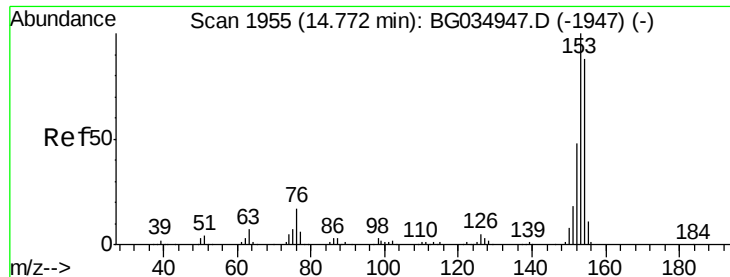


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.564 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

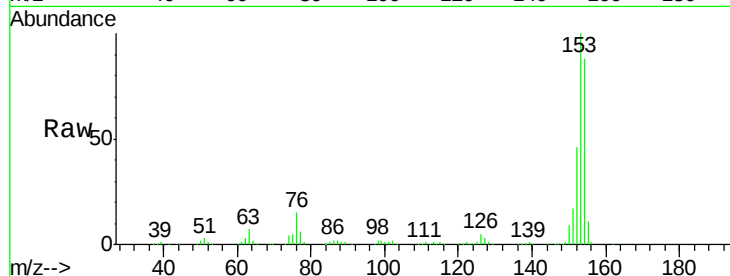
Tgt Ion:154 Resp: 296964

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

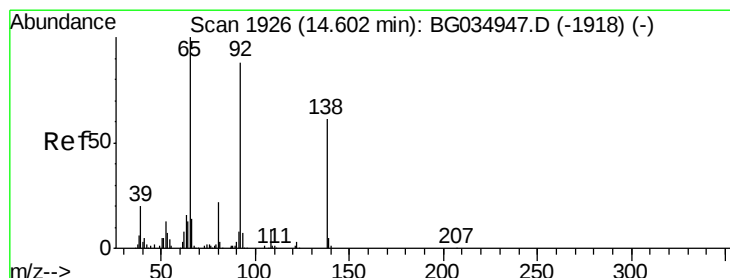
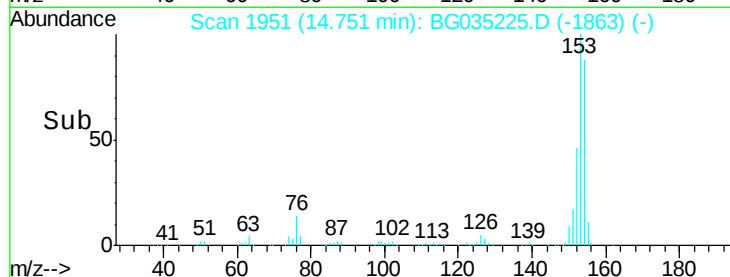
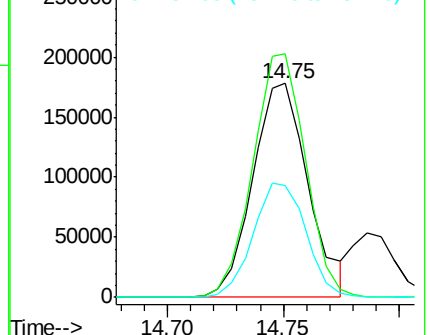
152 52.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.515 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

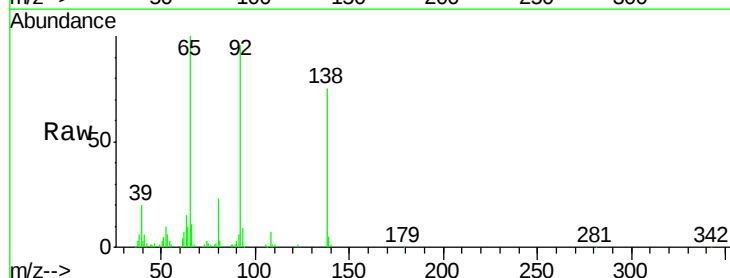
Tgt Ion:138 Resp: 52376

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

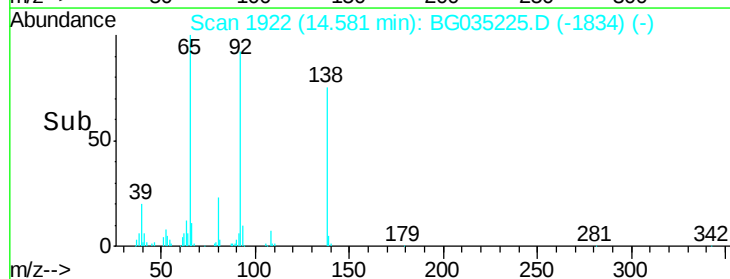
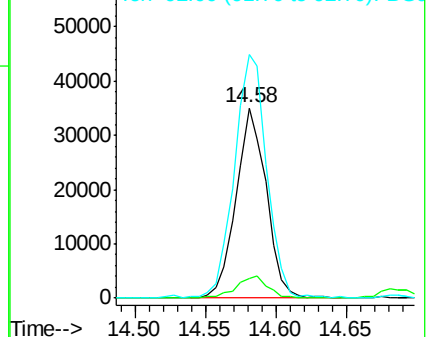
92 128.0 105.8 158.8

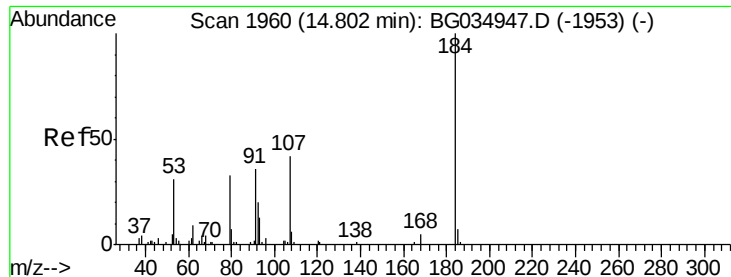


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

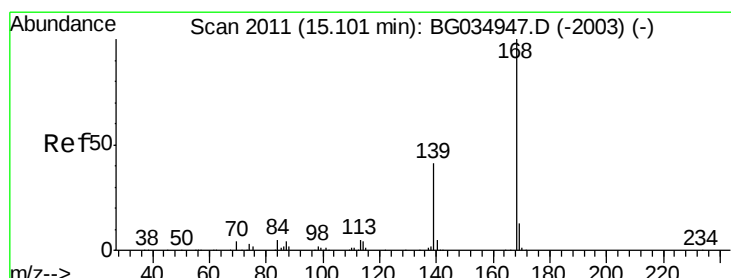
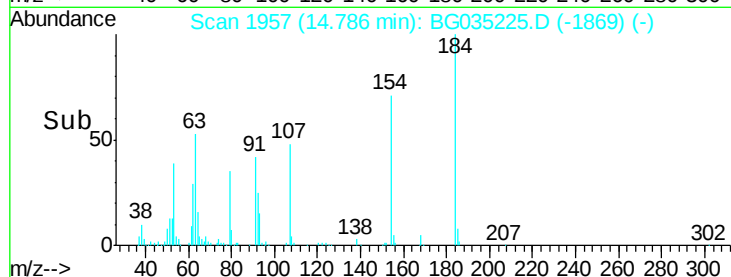
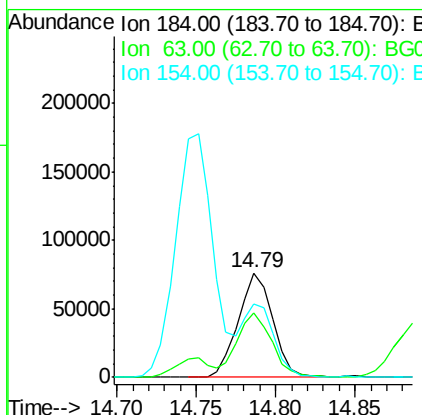
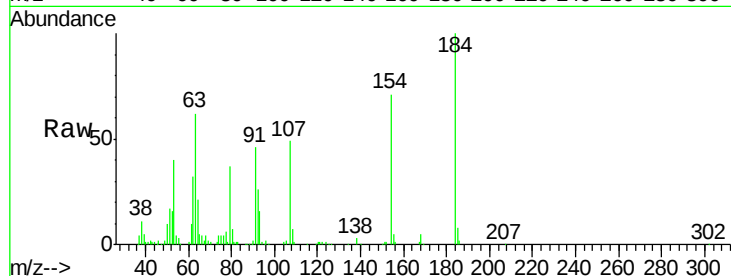




#53
2,4-Dinitrophenol
Concen: 146.968 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

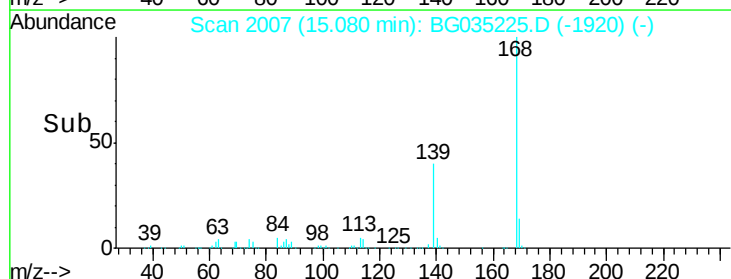
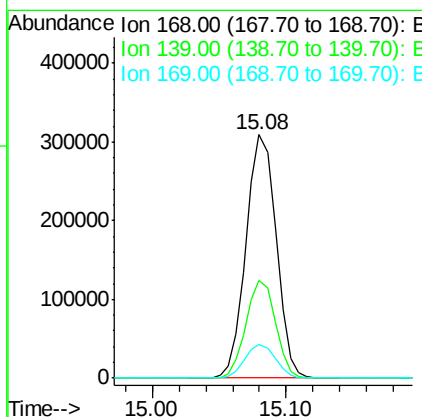
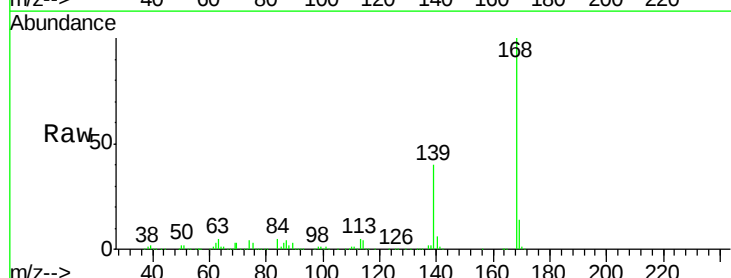
Instrument :
BNA_G
ClientSampleId :
PB110320BS

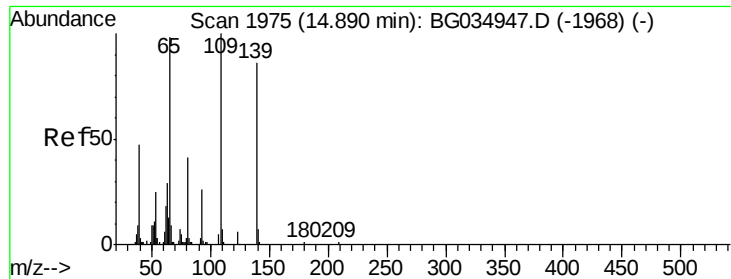
Tgt Ion:184 Resp: 115383
Ion Ratio Lower Upper
184 100
63 62.2 59.8 89.8
154 70.7 101.8 152.8#



#54
Dibenzofuran
Concen: 39.565 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion:168 Resp: 481261
Ion Ratio Lower Upper
168 100
139 40.2 28.6 43.0
169 14.1 11.2 16.8





#55

4-Nitrophenol

Concen: 105.158 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

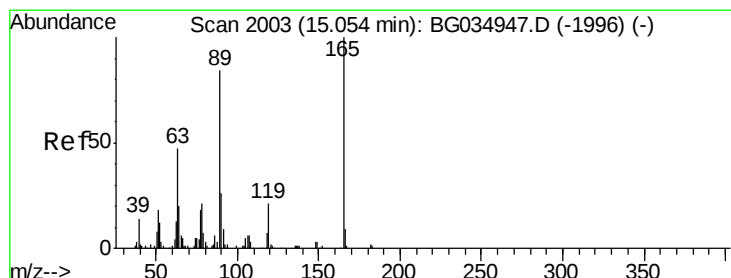
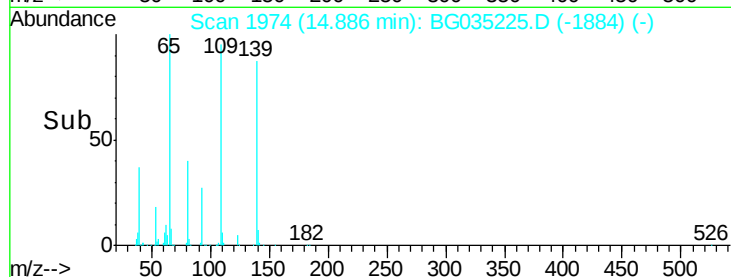
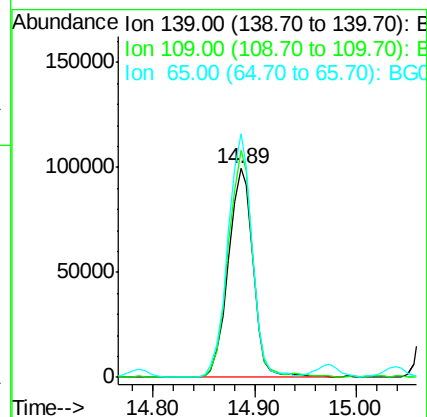
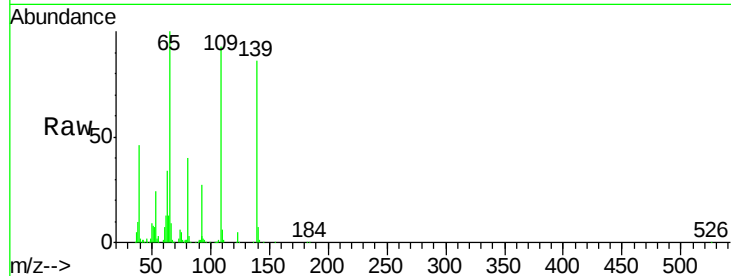
Tgt Ion:139 Resp: 168939

Ion Ratio Lower Upper

139 100

109 108.8 62.2 102.2#

65 116.7 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 55.659 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Tgt Ion:165 Resp: 143429

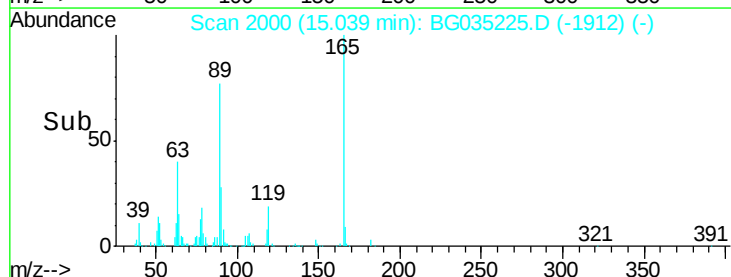
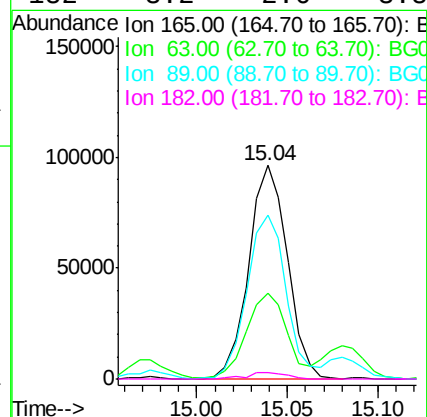
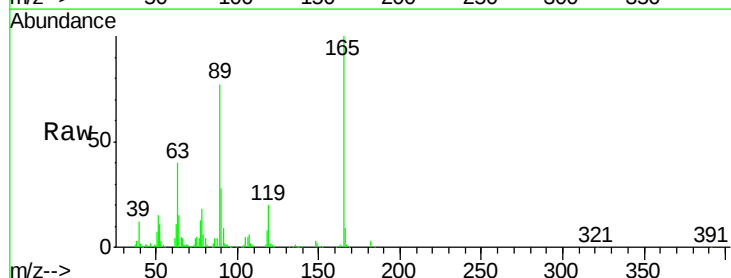
Ion Ratio Lower Upper

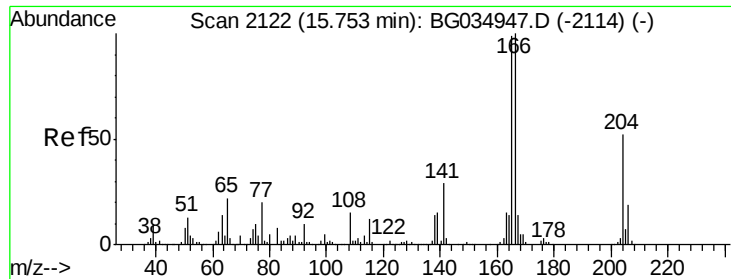
165 100

63 40.4 42.0 63.0#

89 76.7 66.9 100.3

182 3.2 2.6 3.8





#57

Fluorene

Concen: 39.915 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

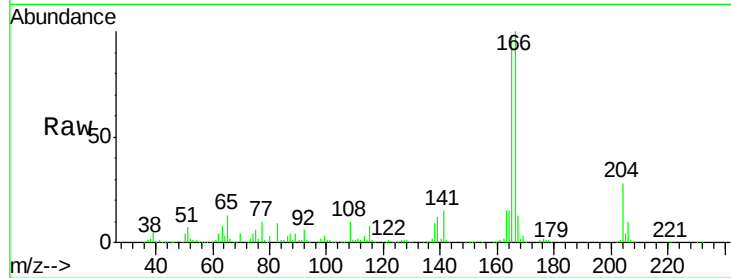
Tgt Ion:166 Resp: 405764

Ion Ratio Lower Upper

166 100

165 97.6 80.6 121.0

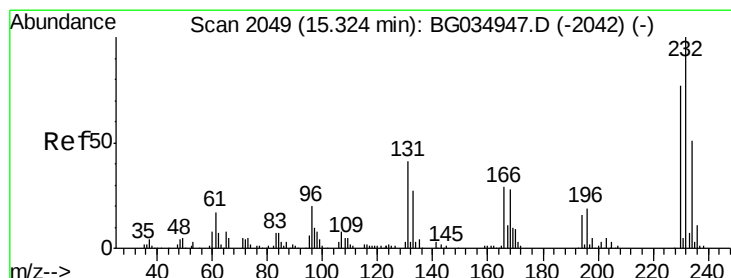
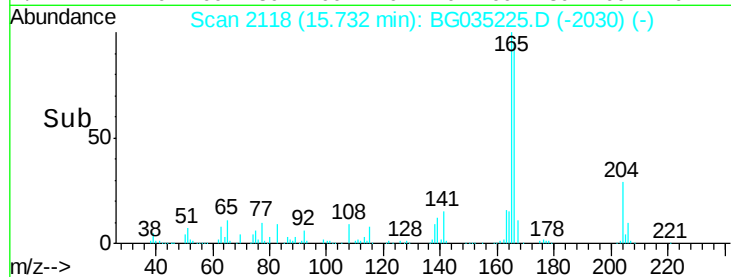
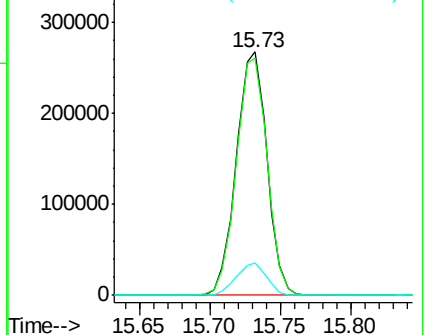
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.742 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Tgt Ion:232 Resp: 147143

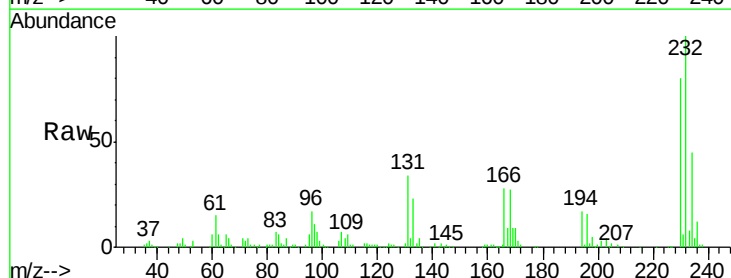
Ion Ratio Lower Upper

232 100

131 35.8 33.5 50.3

130 2.1 2.2 3.2#

166 28.1 24.8 37.2

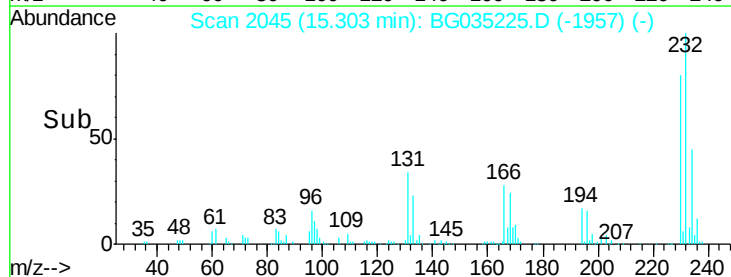
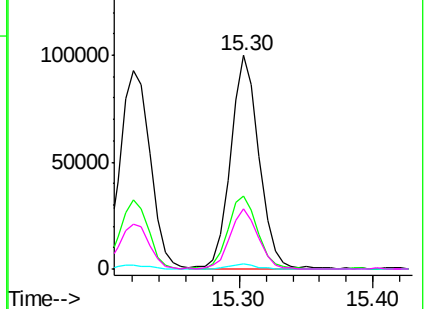


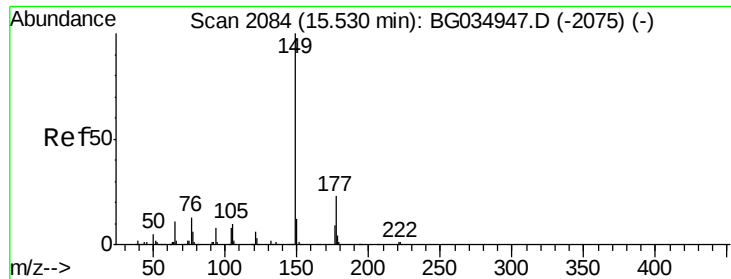
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.014 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

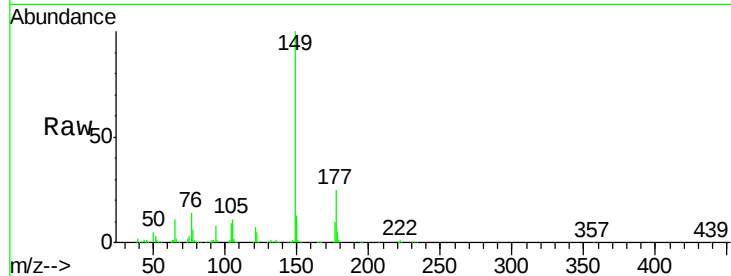
Tgt Ion:149 Resp: 434103

Ion Ratio Lower Upper

149 100

177 25.4 18.5 27.7

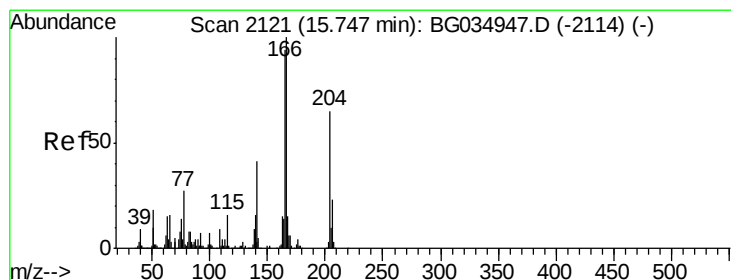
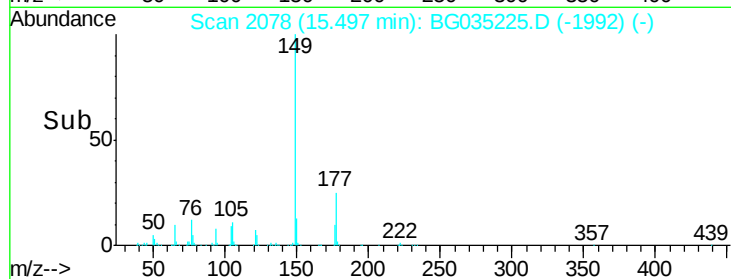
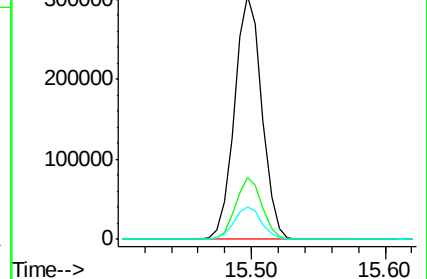
150 13.4 10.2 15.2



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: 39.363 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

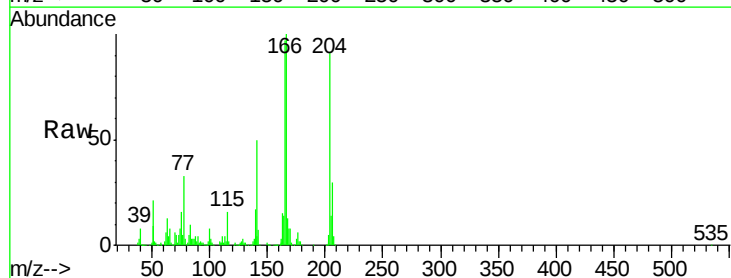
Tgt Ion:204 Resp: 228182

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

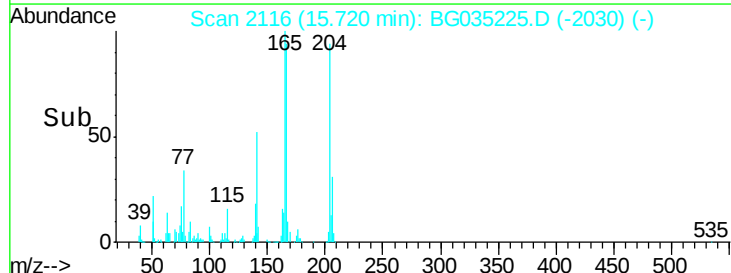
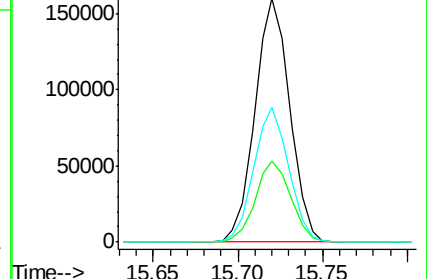
141 55.3 45.8 68.6

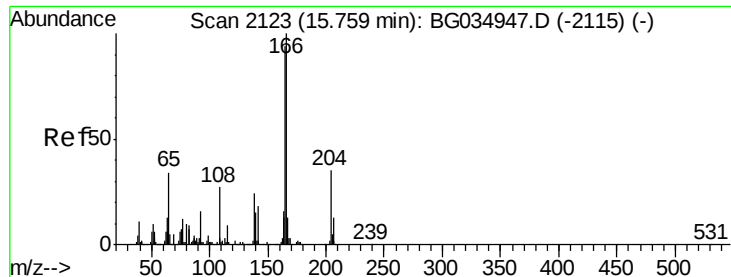


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.360 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

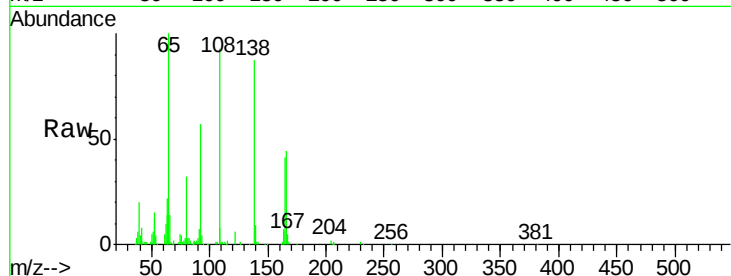
Tgt Ion:138 Resp: 106891

Ion Ratio Lower Upper

138 100

92 65.5 40.1 80.1

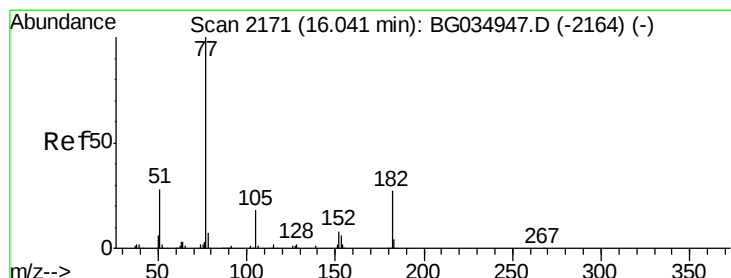
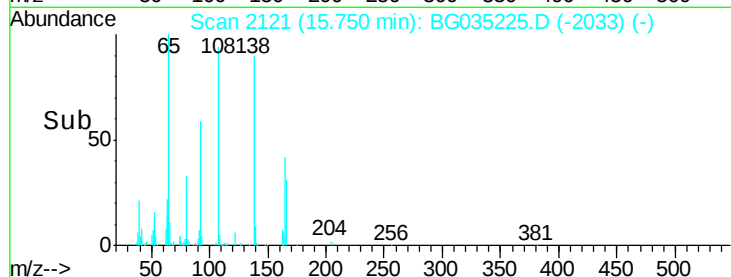
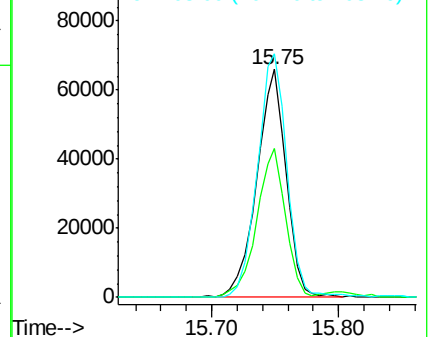
108 106.7 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.900 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Tgt Ion: 77 Resp: 424186

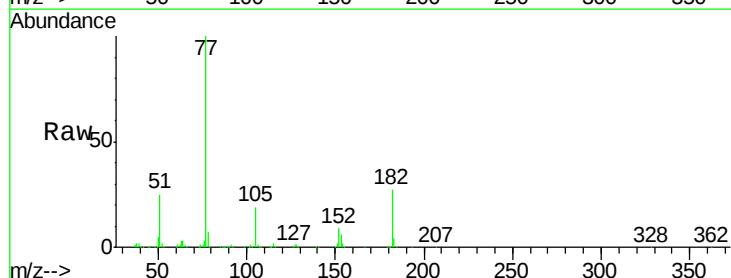
Ion Ratio Lower Upper

77 100

182 27.5 7.4 47.4

105 19.3 0.3 40.3

51 24.8 11.6 51.6

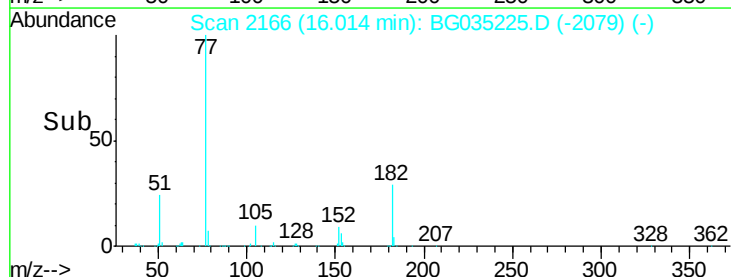
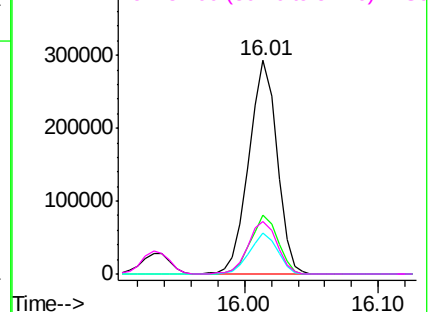


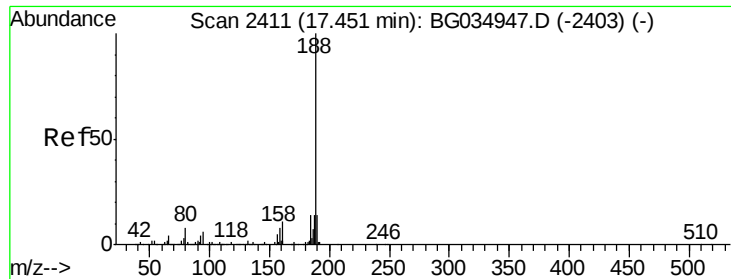
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

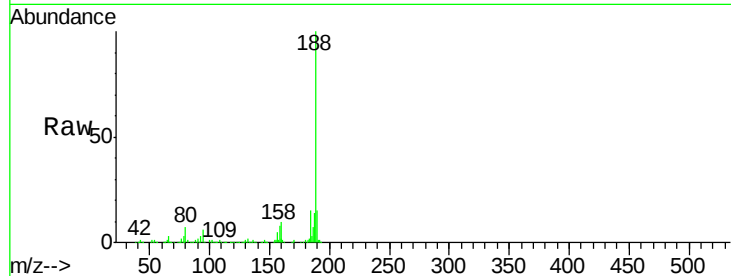
Tgt Ion:188 Resp: 366602

Ion Ratio Lower Upper

188 100

94 5.8 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): BG0

Ion 80.00 (79.70 to 80.70): BG0

300000

250000

200000

150000

100000

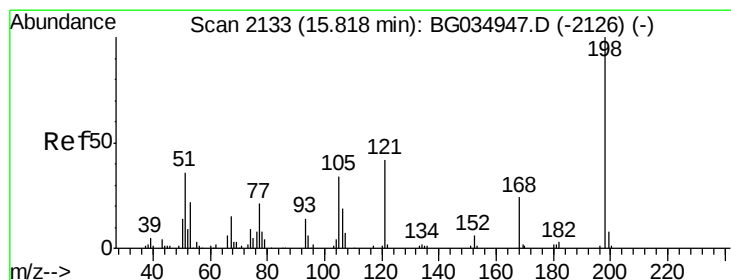
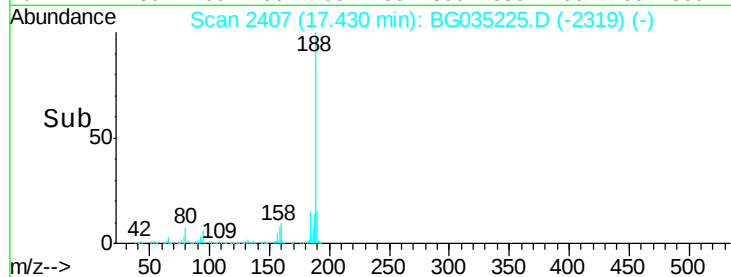
50000

0

17.43

17.40 17.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 51.910 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

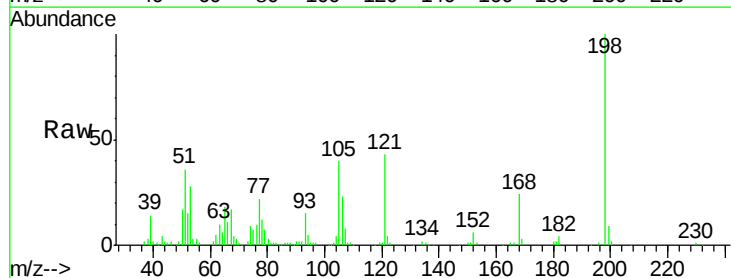
Tgt Ion:198 Resp: 86887

Ion Ratio Lower Upper

198 100

51 36.2 30.6 70.6

105 40.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

80000

60000

40000

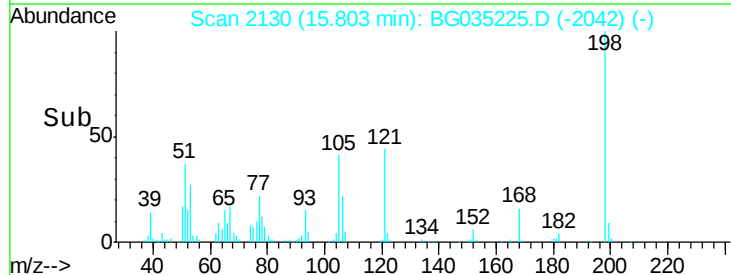
20000

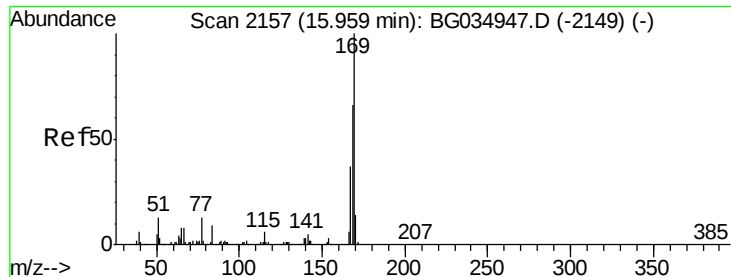
0

15.80

15.70 15.90

Time-->

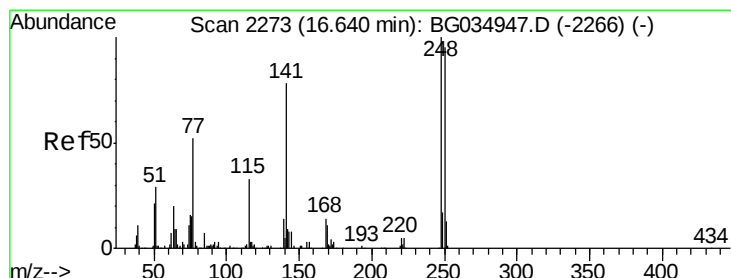
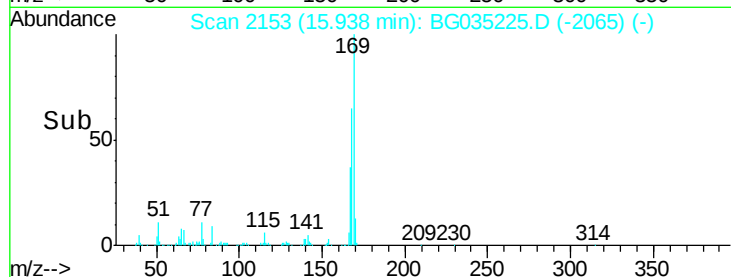
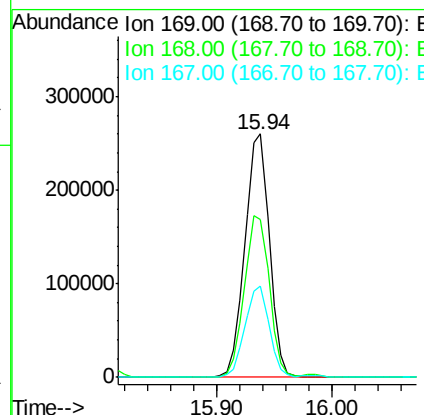
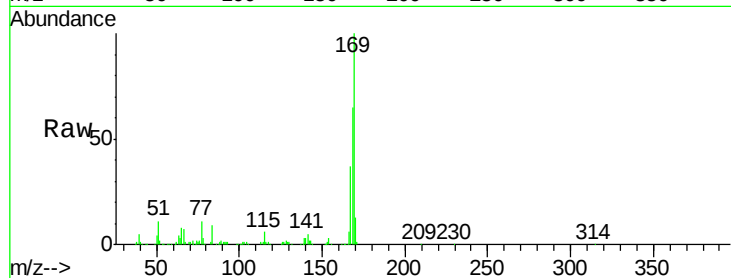




#65
 n-Nitrosodiphenylamine
 Concen: 34.700 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

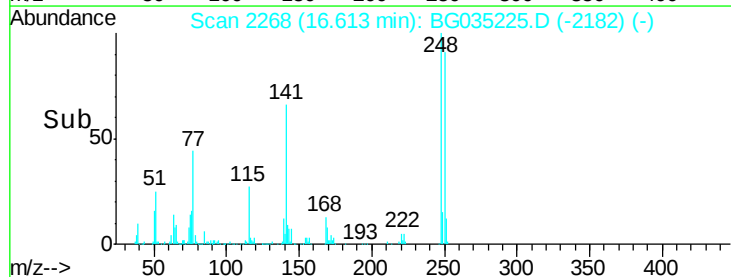
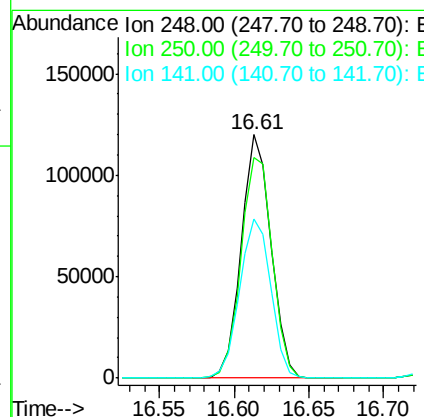
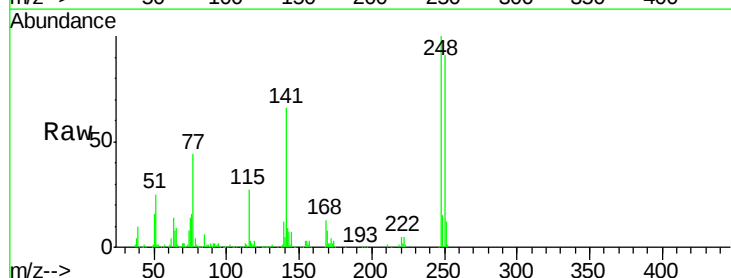
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

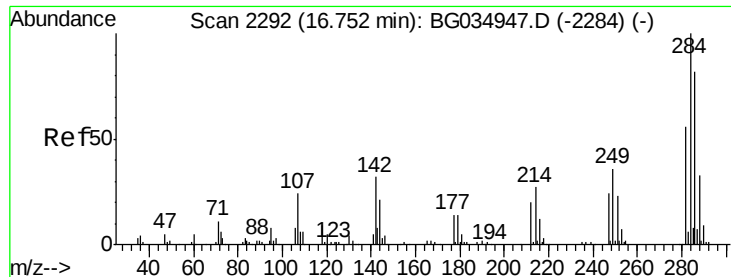
Tgt Ion	Resp	Ratio	Lower	Upper
169	382023	100		
168		64.8	55.7	83.5
167		37.2	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.538 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion	Resp	Ratio	Lower	Upper
248	165720	100		
250		90.6	77.1	115.7
141		65.6	50.8	76.2

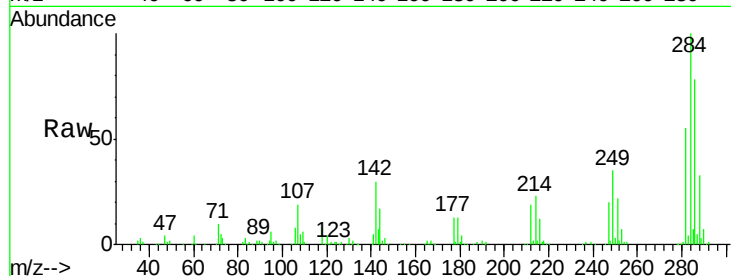




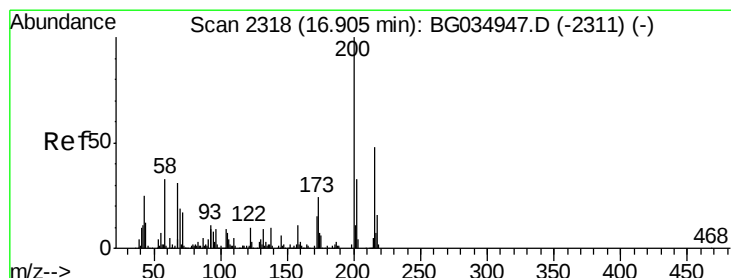
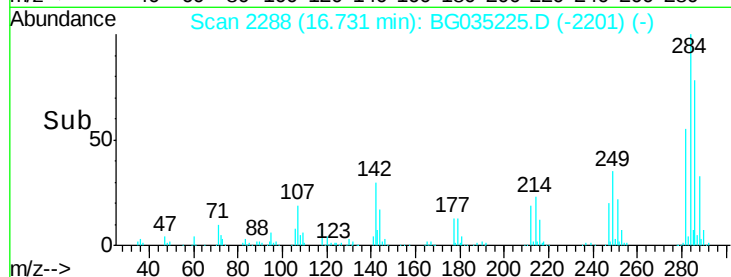
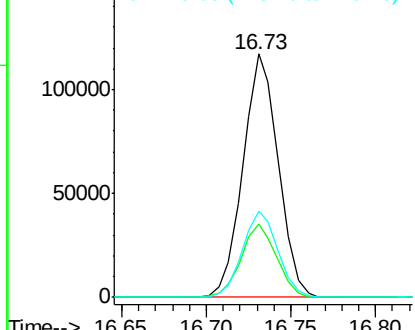
#67
Hexachlorobenzene
Concen: 37.813 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Instrument :
BNA_G
ClientSampleId :
PB110320BS

Tgt Ion: 284 Resp: 169910
Ion Ratio Lower Upper
284 100
142 30.2 26.8 40.2
249 35.3 26.3 39.5

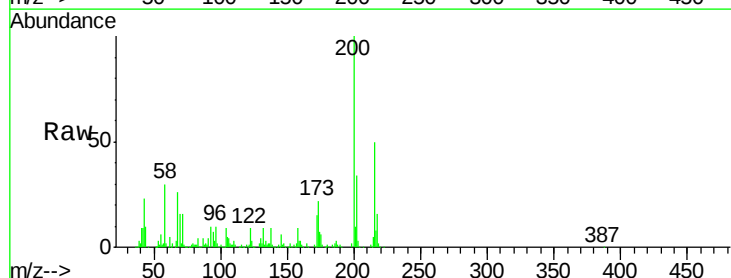


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

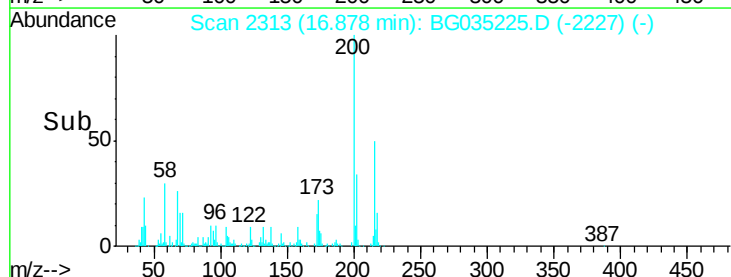
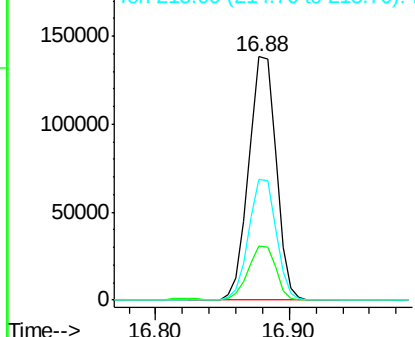


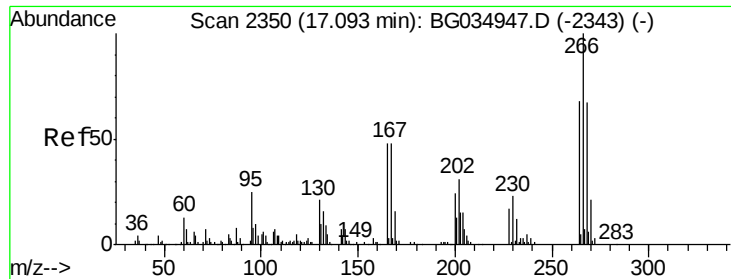
#68
Atrazine
Concen: 41.687 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion: 200 Resp: 195718
Ion Ratio Lower Upper
200 100
173 22.2 5.2 45.2
215 49.5 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

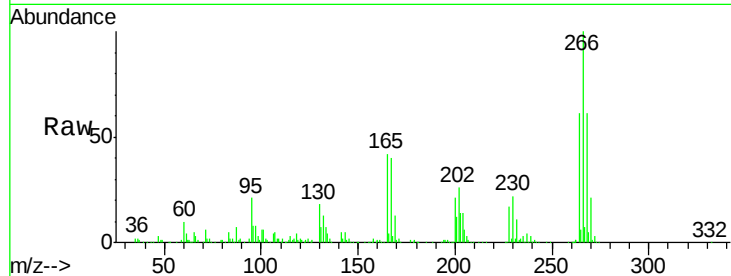




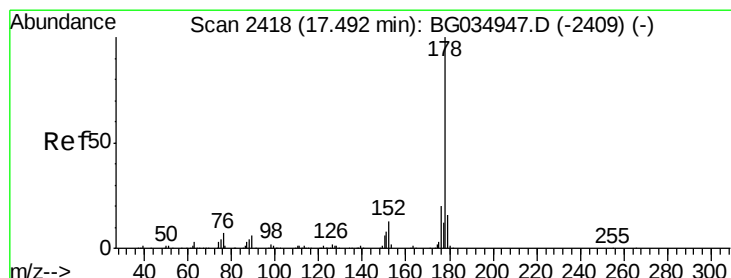
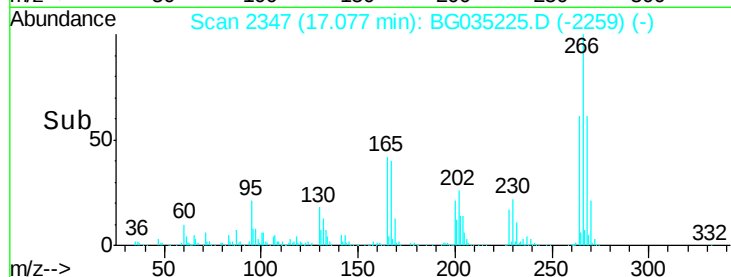
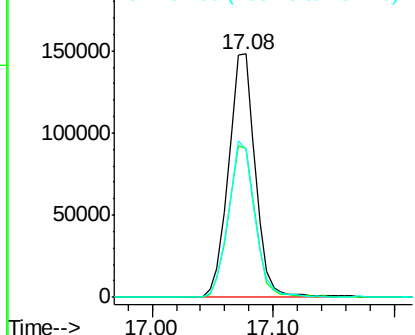
#69
 Pentachlorophenol
 Concen: 75.900 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	60.6	49.6	74.4

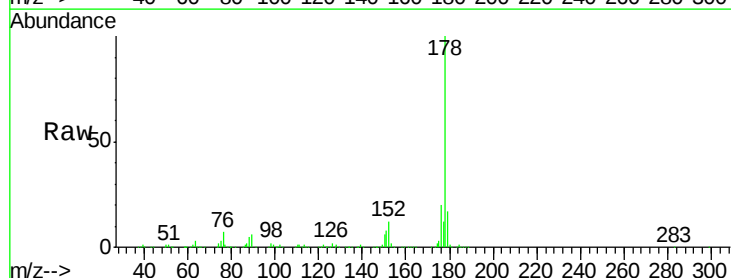


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

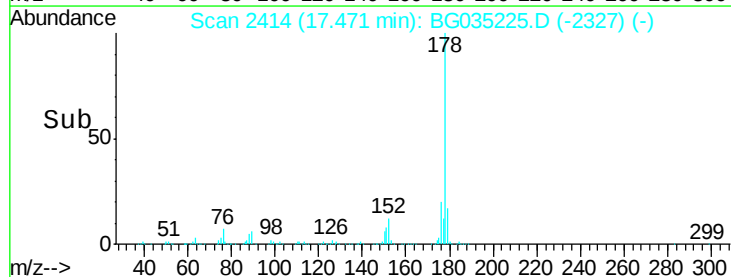
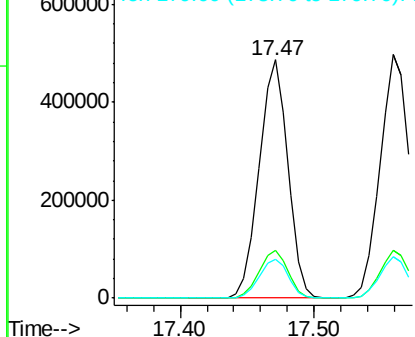


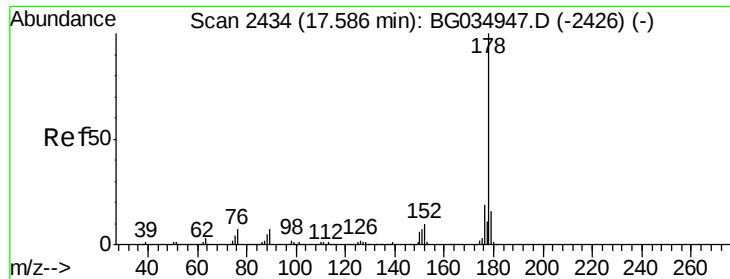
#70
 Phenanthrene
 Concen: 38.837 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.6	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

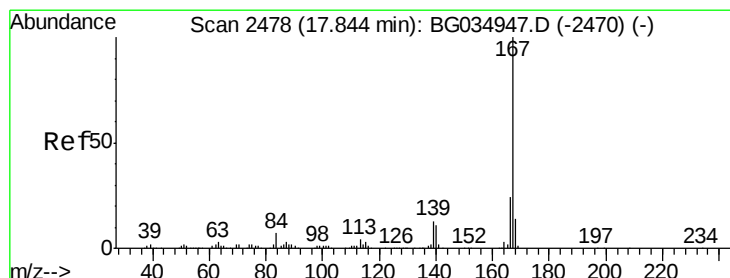
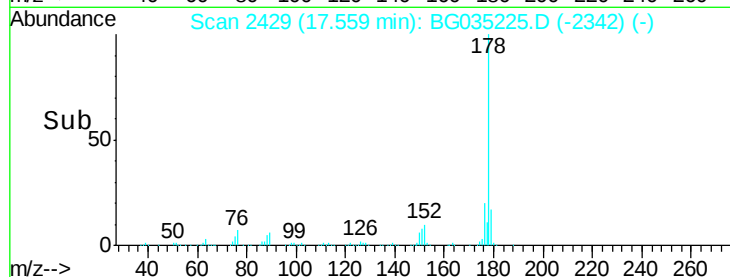
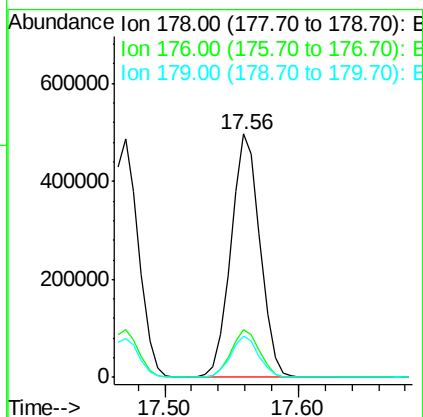
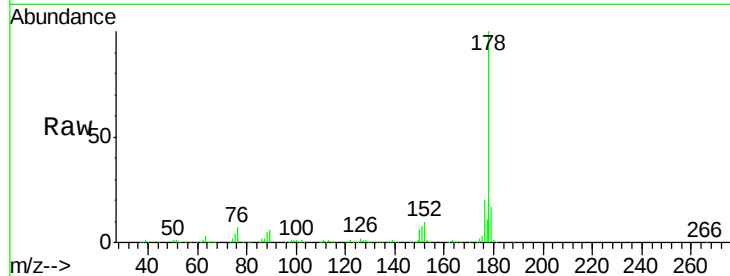




#71
 Anthracene
 Concen: 40.264 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

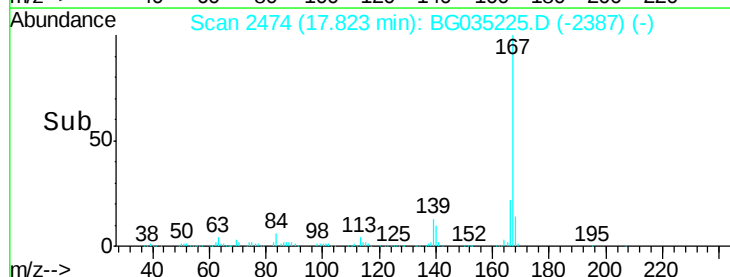
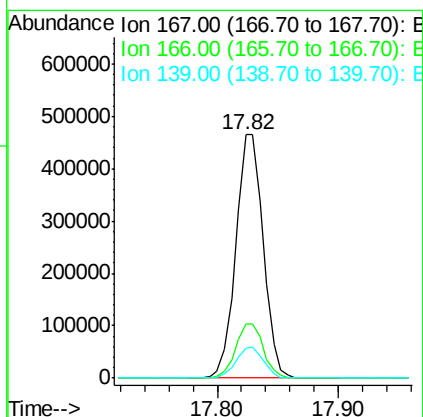
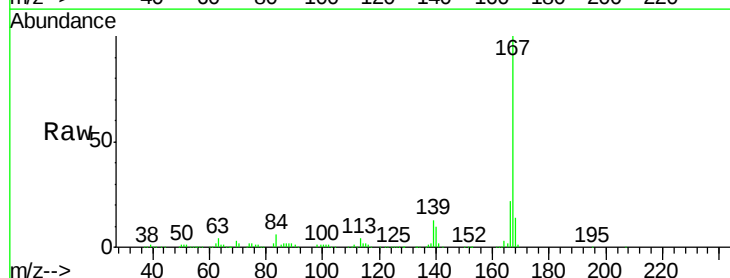
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

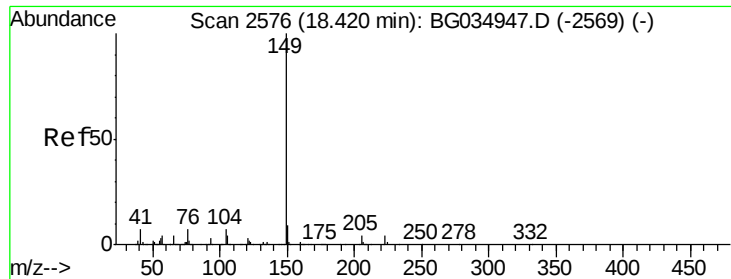
Tgt Ion:178 Resp: 751082
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 17.0 12.5 18.7



#72
 Carbazole
 Concen: 42.495 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion:167 Resp: 735500
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.957 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

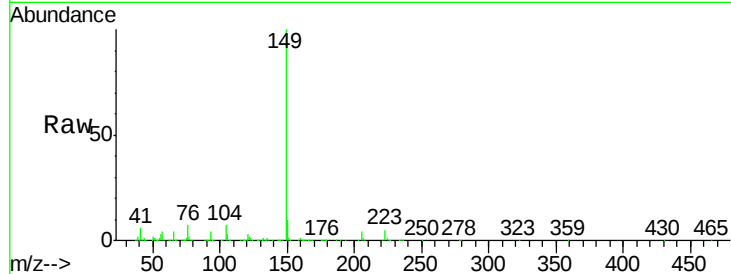
Tgt Ion:149 Resp: 865549

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

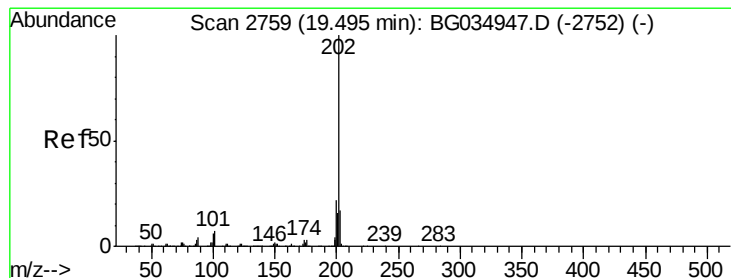
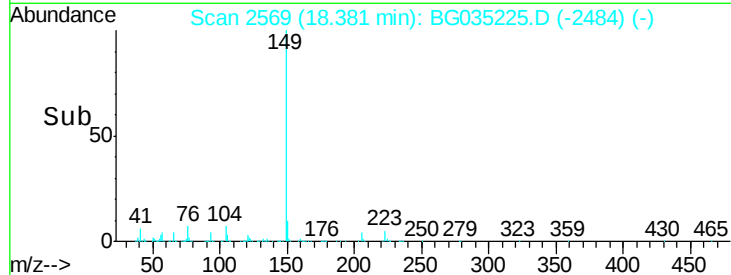
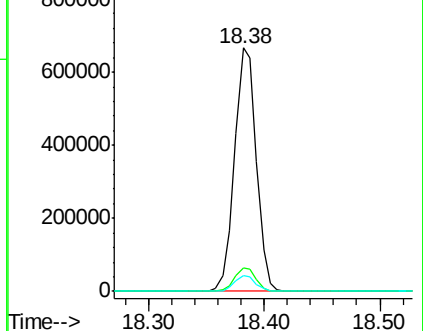
104 6.6 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.528 ng

RT: 19.47 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

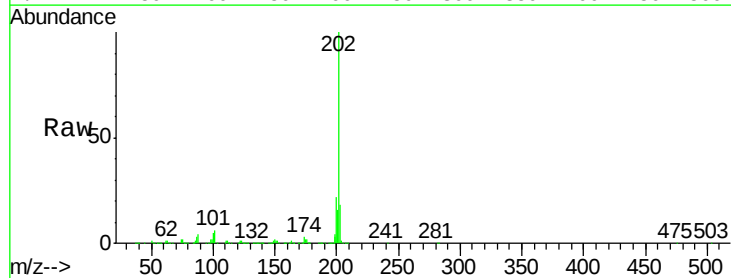
Tgt Ion:202 Resp: 1054812

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.9

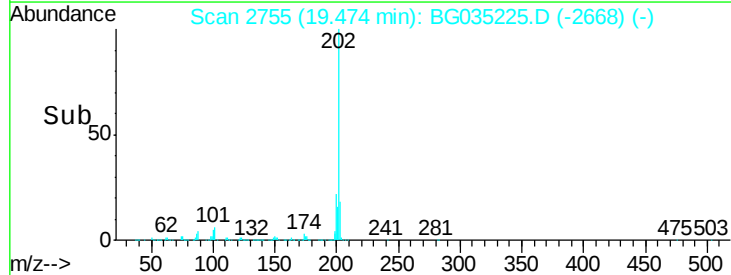
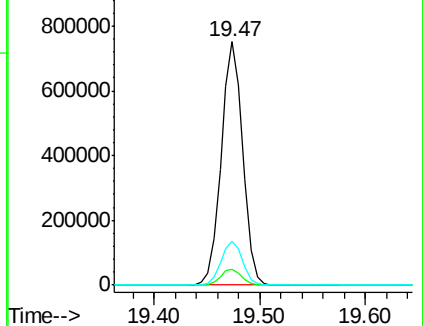
203 18.1 0.0 37.5

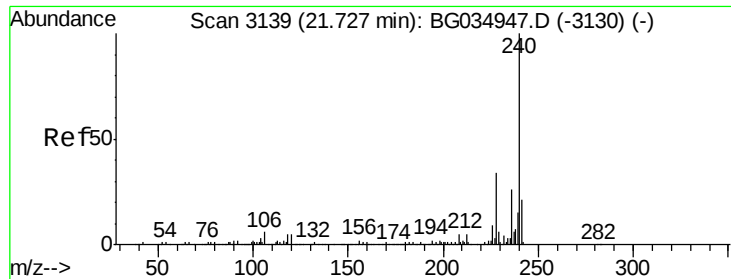


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

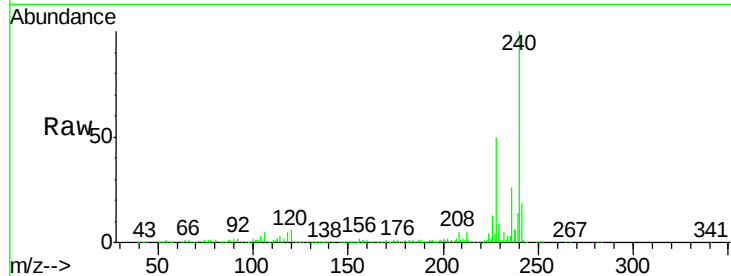
Tgt Ion:240 Resp: 365455

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

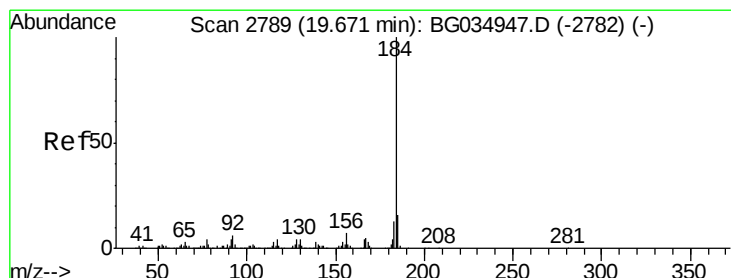
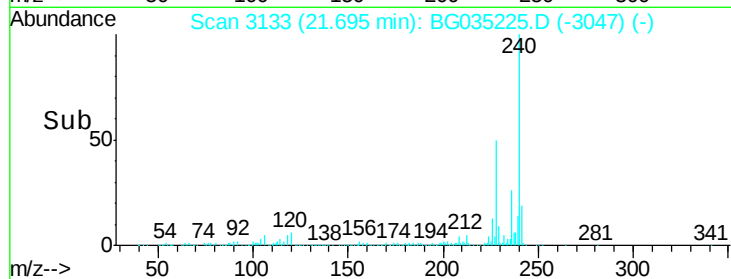
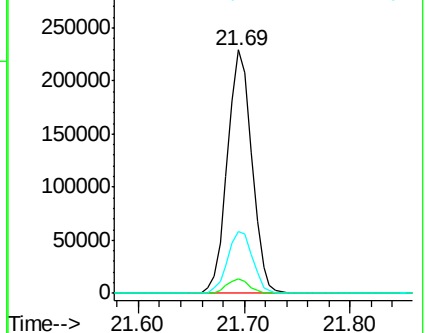
236 25.6 20.9 31.3



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: 21.358 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

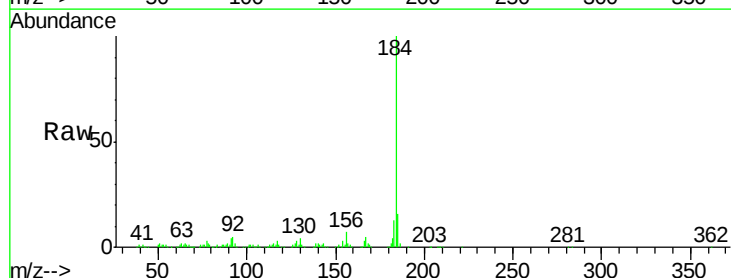
Tgt Ion:184 Resp: 290383

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

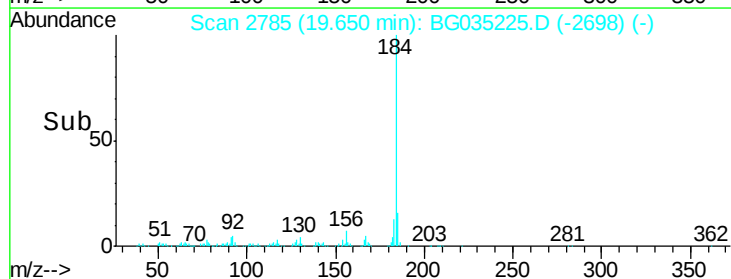
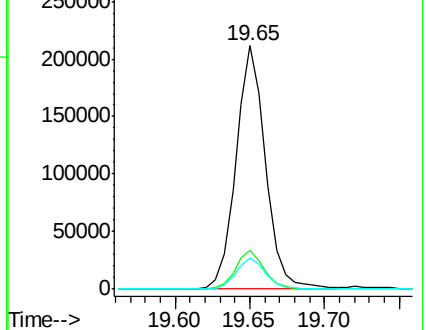
183 12.6 10.6 16.0

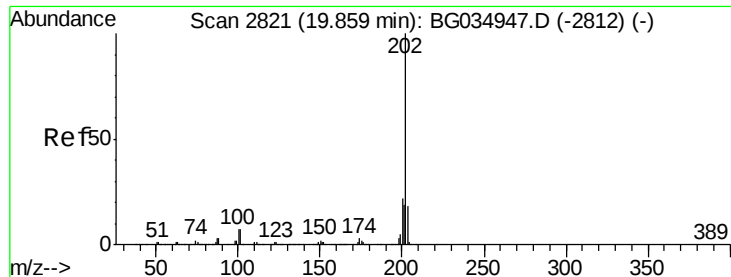


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

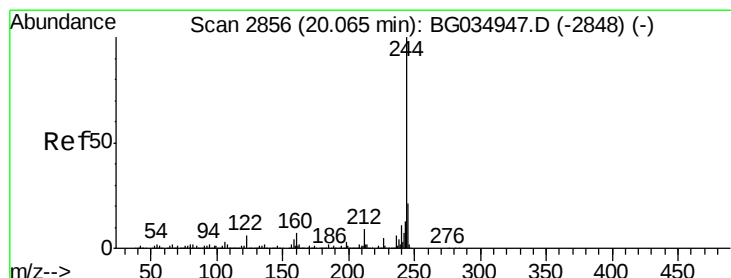
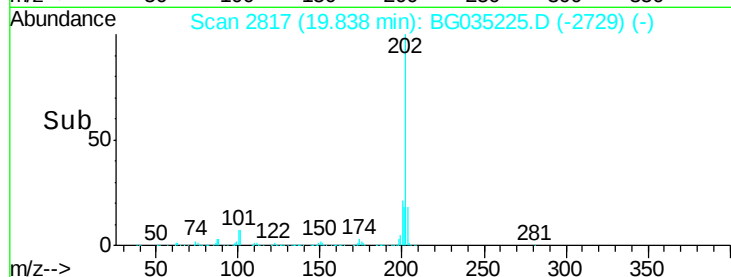
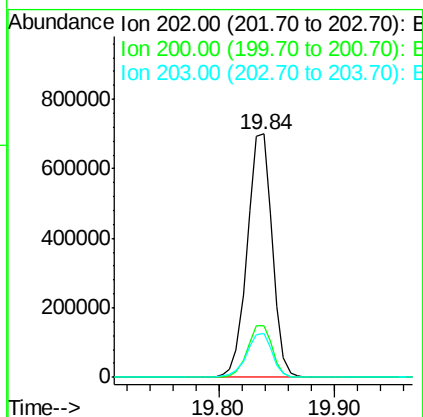
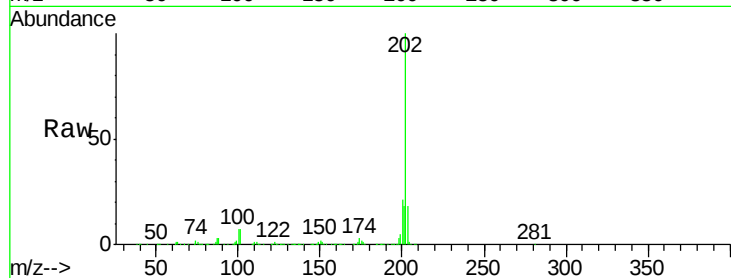




#77
 Pyrene
 Concen: 43.585 ng
 RT: 19.84 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

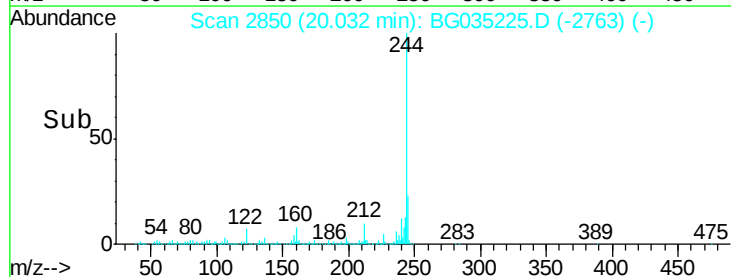
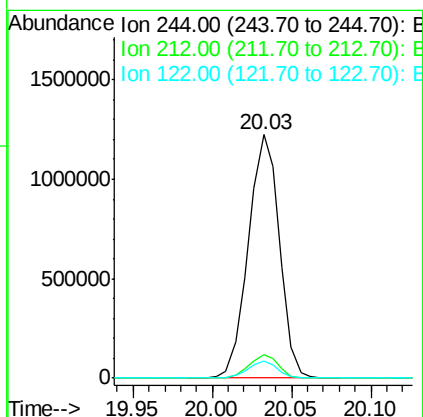
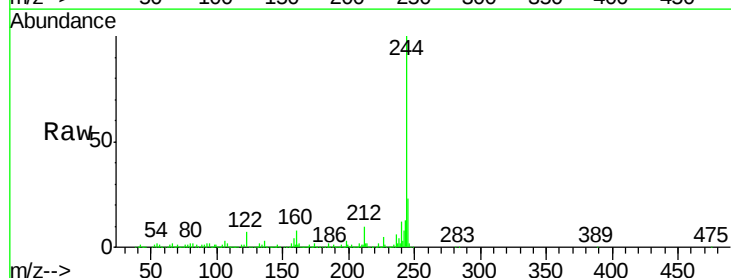
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

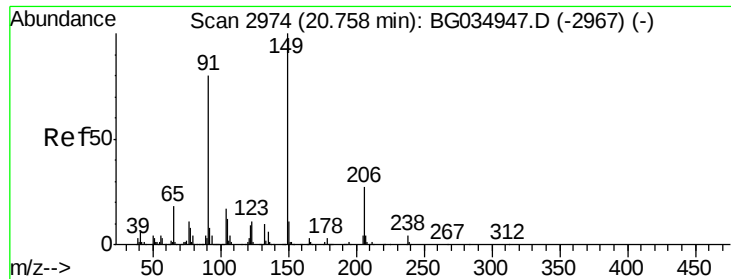
Tgt Ion:202 Resp: 1050054
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.9 25.3
 203 18.2 13.9 20.9



#78
 Terphenyl-d14
 Concen: 95.422 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion:244 Resp: 1664807
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 6.9 7.0 10.4#

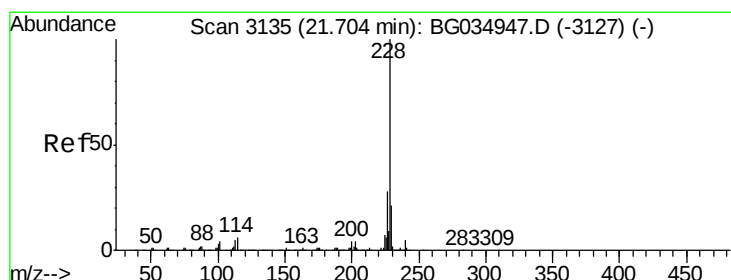
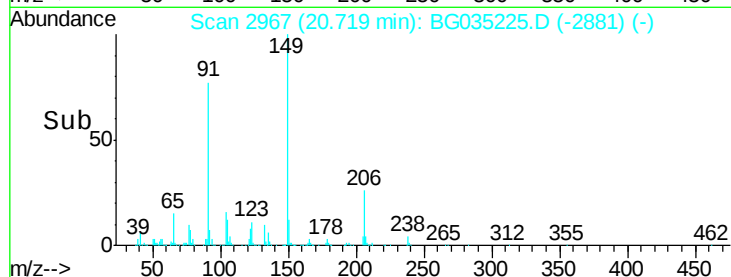
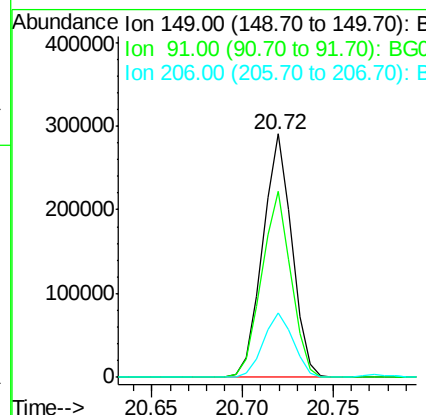
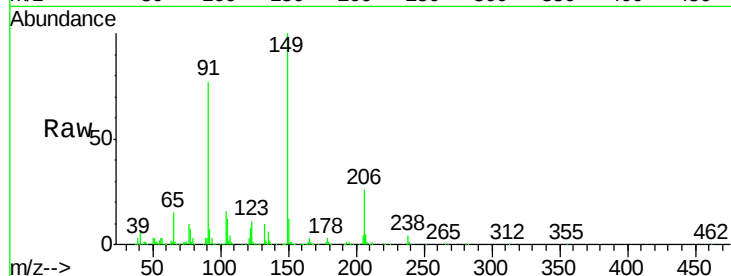




#79
Butylbenzylphthalate
Concen: 37.079 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

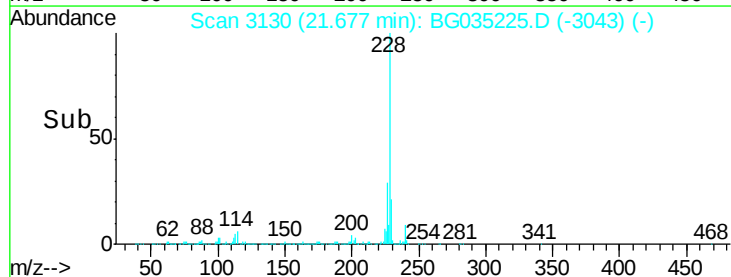
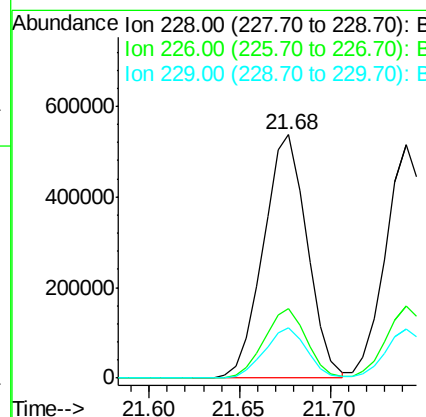
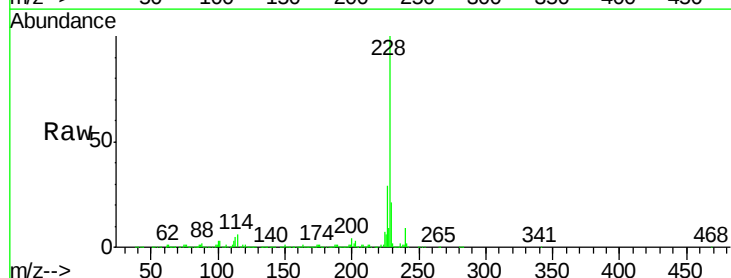
Instrument :
BNA_G
ClientSampleId :
PB110320BS

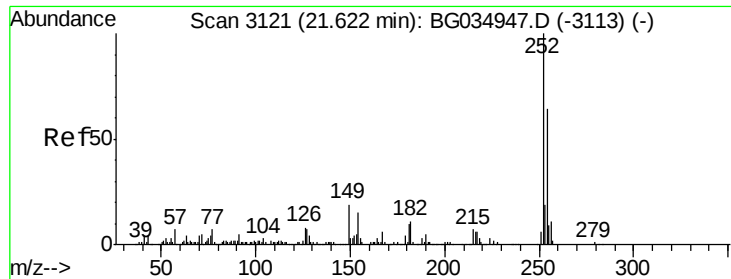
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.6	62.2	93.2
206	26.5	18.6	27.8



#80
Benzo(a)anthracene
Concen: 38.547 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035225.D
Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.8	16.2	24.2

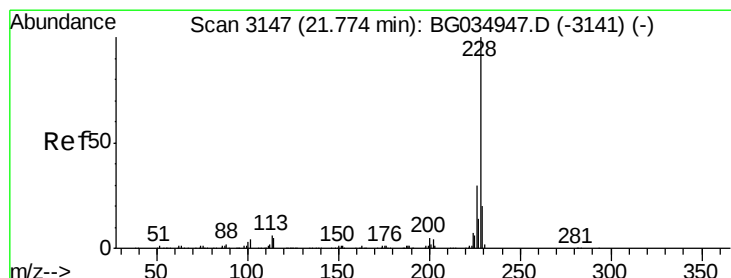
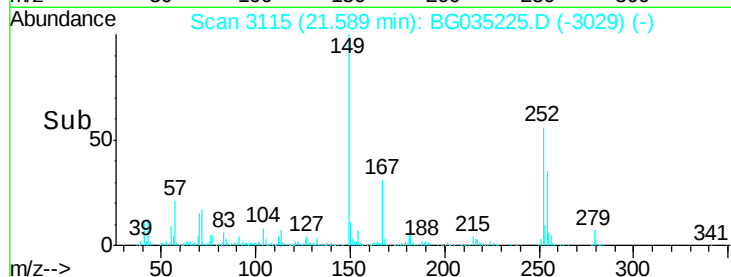
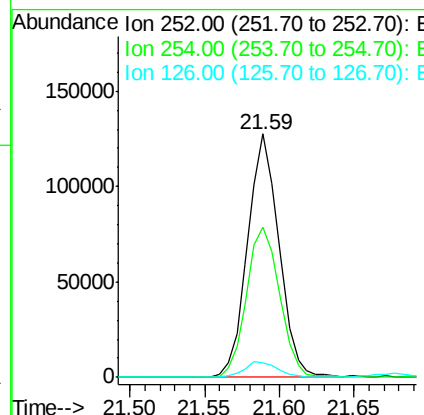
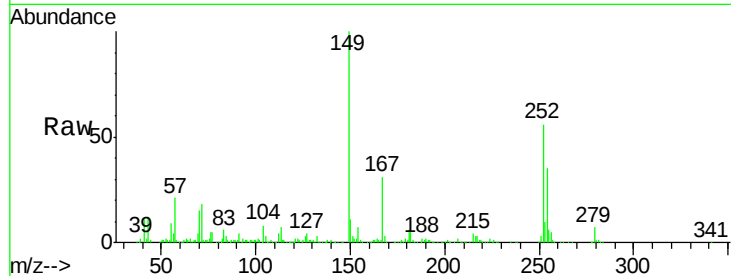




#81
 3,3'-Dichlorobenzidine
 Concen: 21.138 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

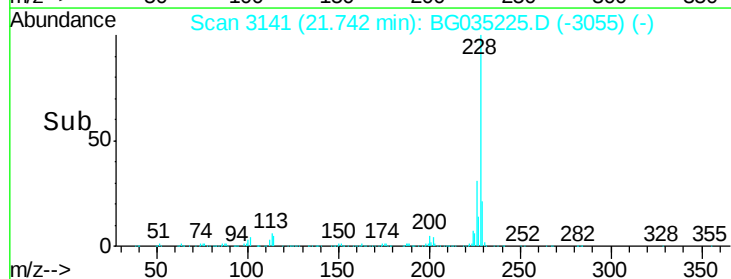
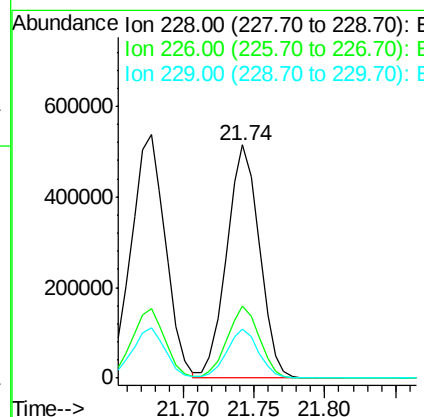
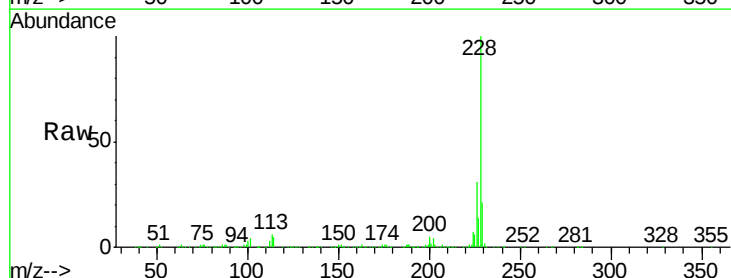
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

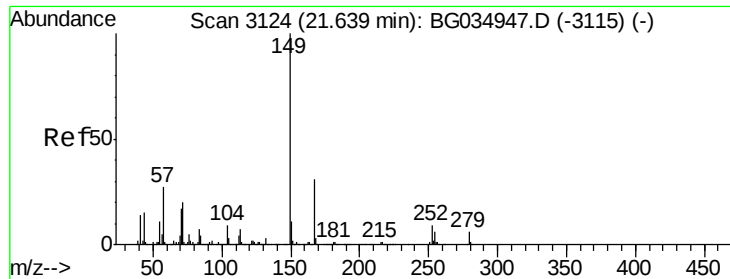
Tgt Ion:252 Resp: 185720
 Ion Ratio Lower Upper
 252 100
 254 61.7 50.8 76.2
 126 5.9 7.4 11.2#



#82
 Chrysene
 Concen: 38.753 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion:228 Resp: 828624
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 21.0 15.0 22.4

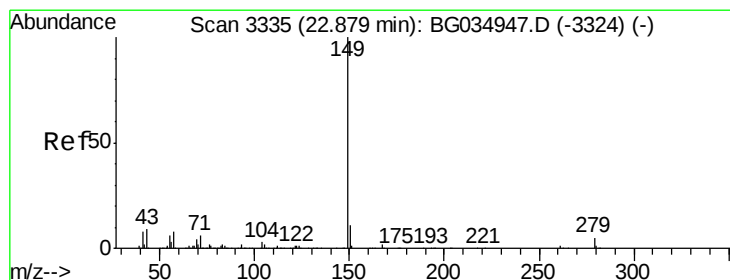
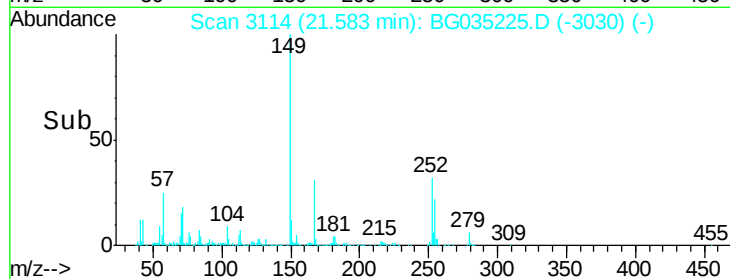
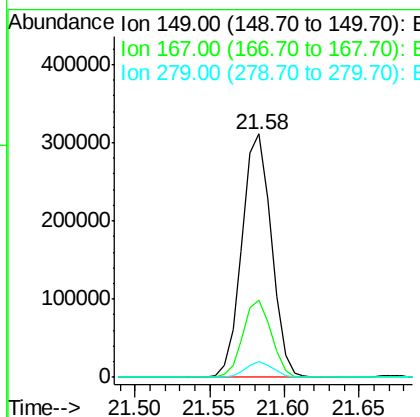
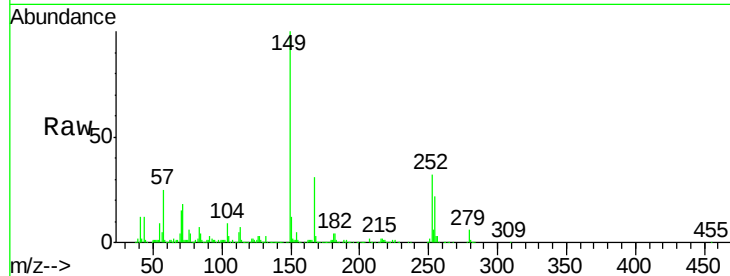




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.354 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

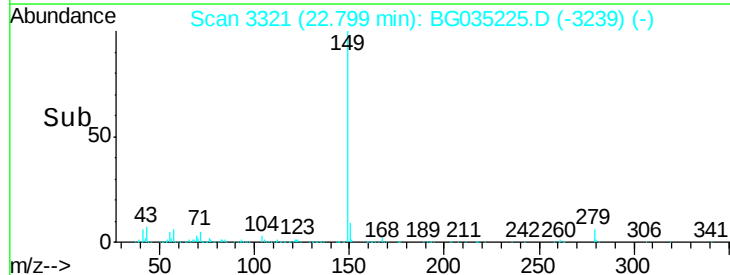
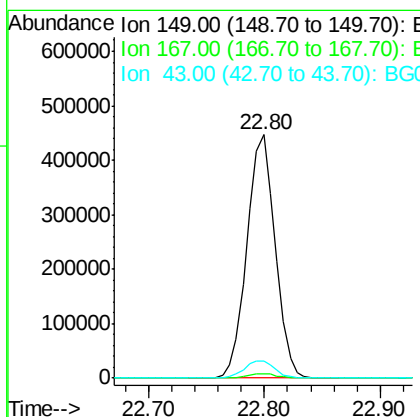
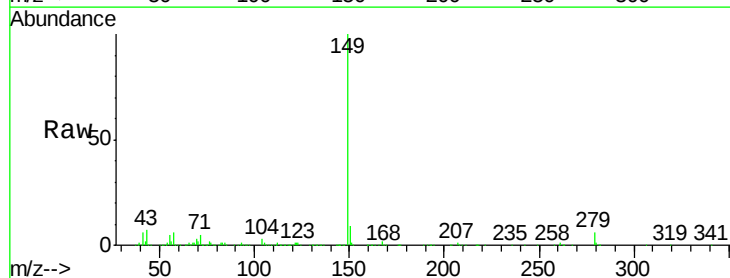
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

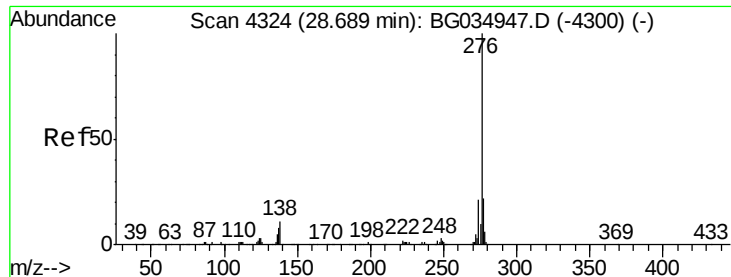
Tgt Ion:149 Resp: 424666
 Ion Ratio Lower Upper
 149 100
 167 31.5 24.3 36.5
 279 6.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 35.953 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. -0.05 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion:149 Resp: 762460
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.5 8.9 13.3#

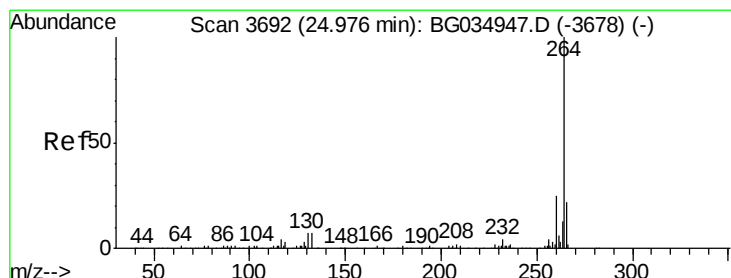
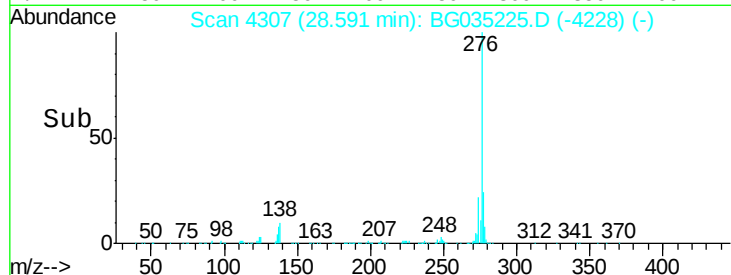
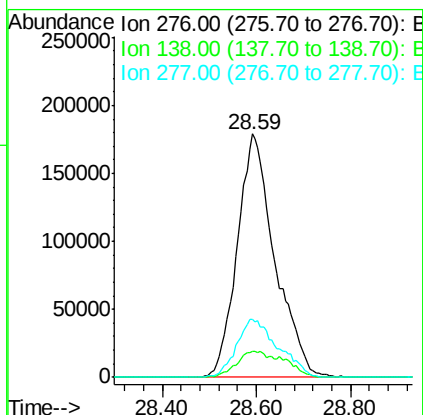
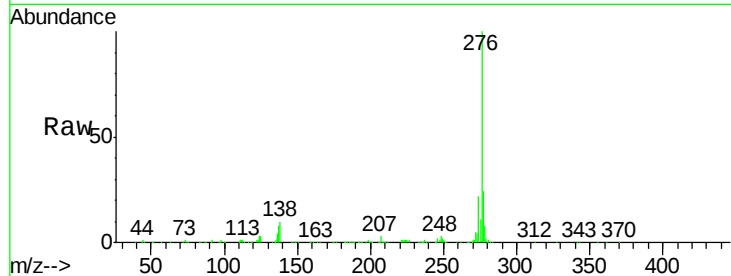




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.572 ng
 RT: 28.59 min Scan# 4307
 Delta R.T. -0.06 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

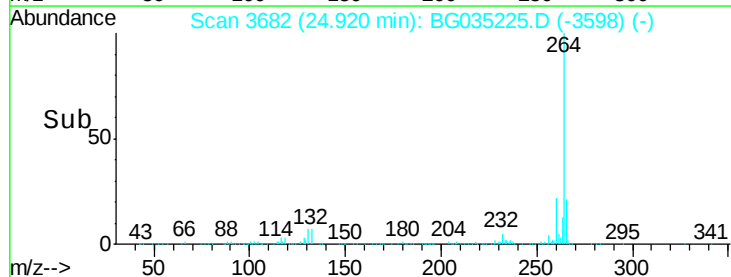
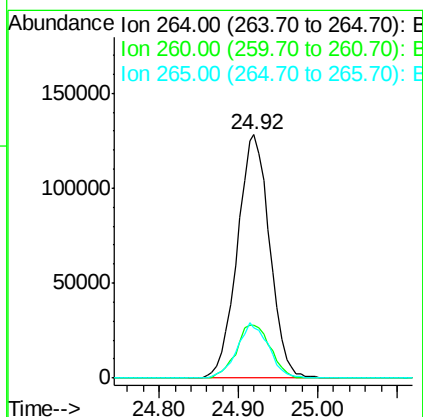
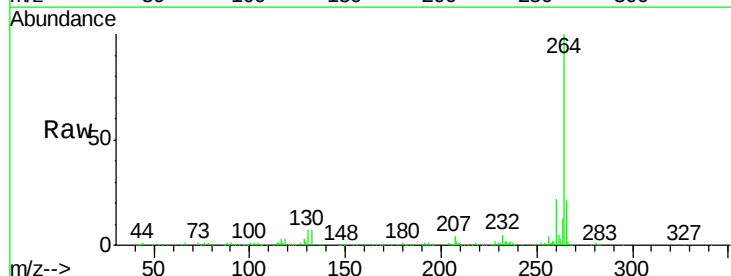
Instrument :
 BNA_G
 ClientSampleId :
 PB110320BS

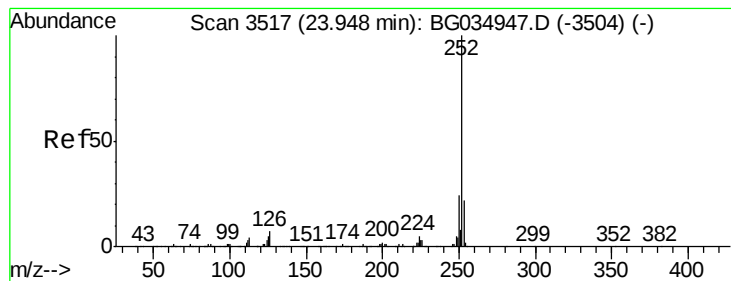
Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.0	16.0	24.0#
277	26.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035225.D
 Acq: 18 Jun 2018 19:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	20.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.713 ng

RT: 23.90 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

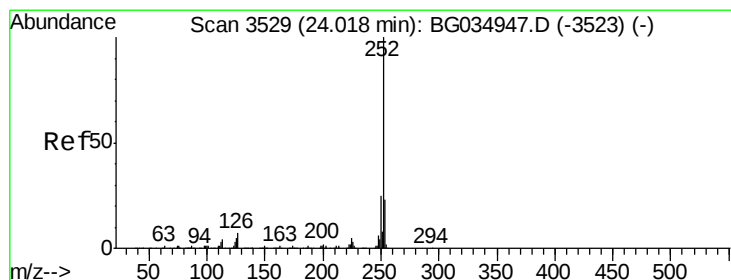
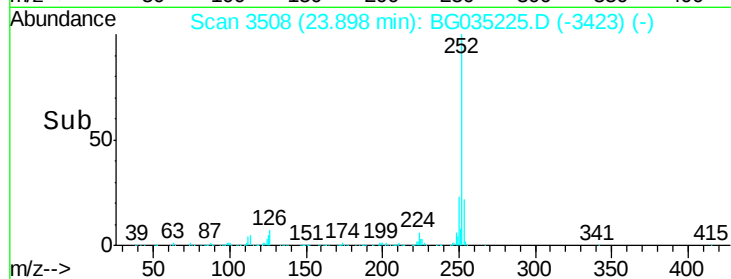
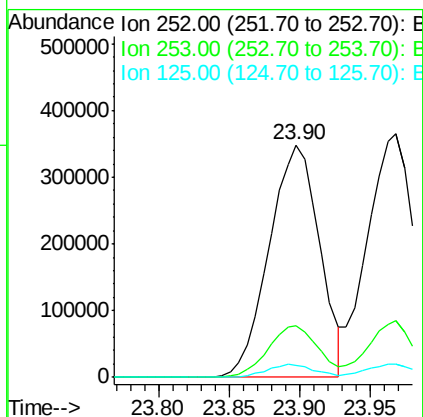
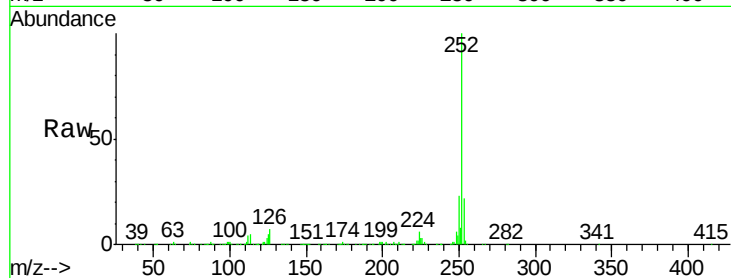
Instrument :

BNA_G

ClientSampleId :

PB110320BS

Tgt Ion:	252	Resp:	864694
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.4
125	5.1	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 39.234 ng

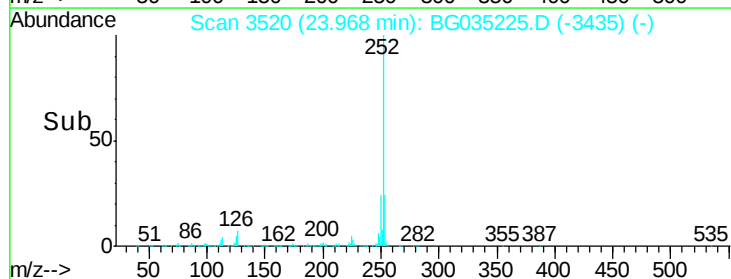
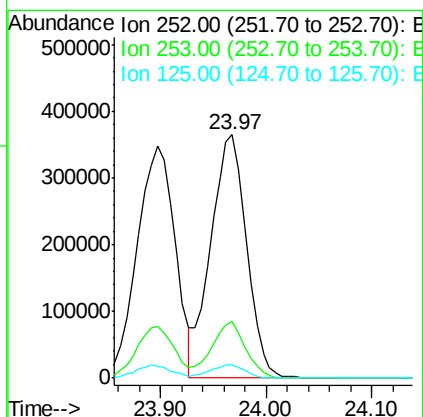
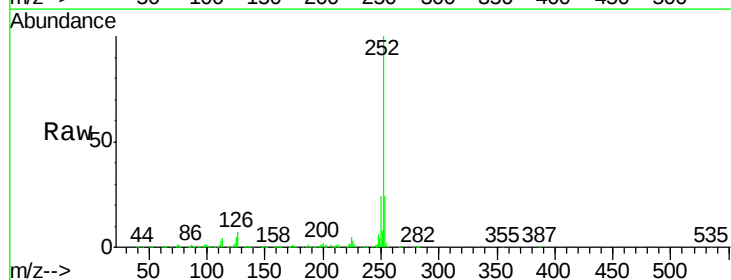
RT: 23.97 min Scan# 3520

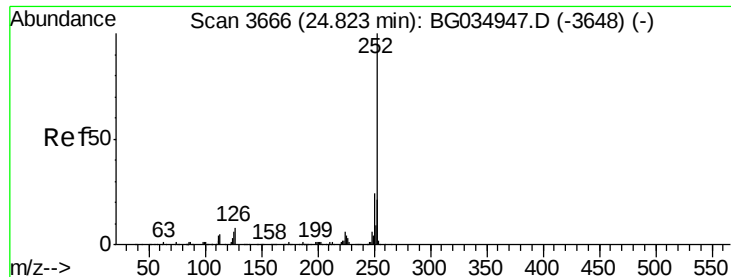
Delta R.T. -0.03 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Tgt Ion:	252	Resp:	857232
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	5.4	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 40.412 ng

RT: 24.77 min Scan# 3656

Delta R.T. -0.04 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

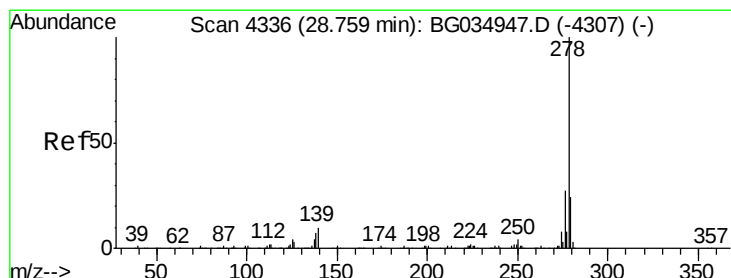
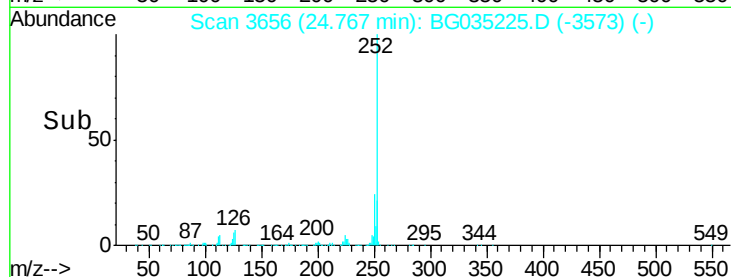
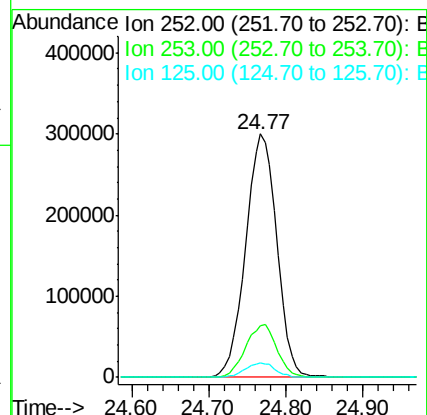
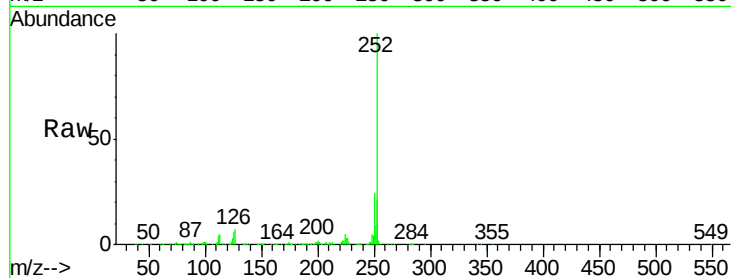
Tgt Ion:252 Resp: 849366

Ion Ratio Lower Upper

252 100

253 21.2 18.3 27.5

125 5.8 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 39.374 ng

RT: 28.67 min Scan# 4320

Delta R.T. -0.06 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

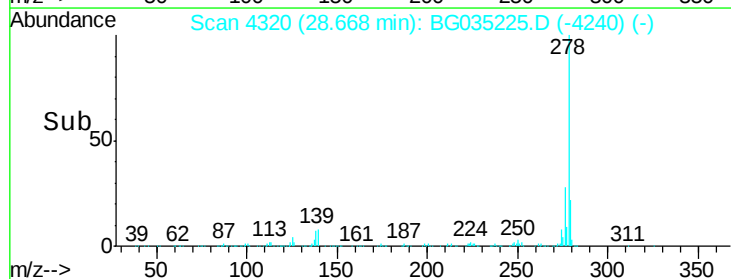
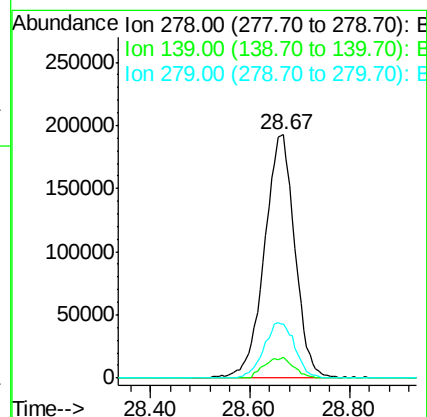
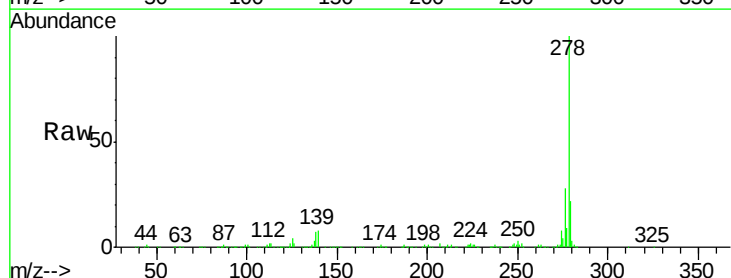
Tgt Ion:278 Resp: 816923

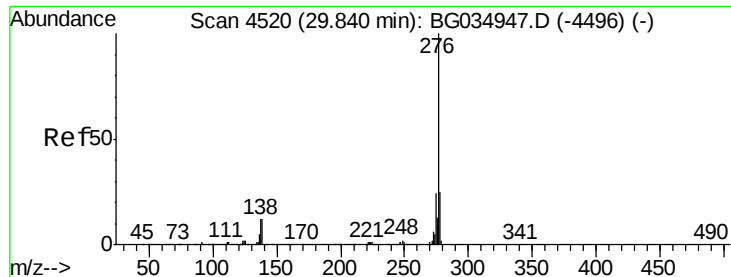
Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

279 22.5 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 40.594 ng

RT: 29.74 min Scan# 4503

Delta R.T. -0.06 min

Lab File: BG035225.D

Acq: 18 Jun 2018 19:10

Instrument :

BNA_G

ClientSampleId :

PB110320BS

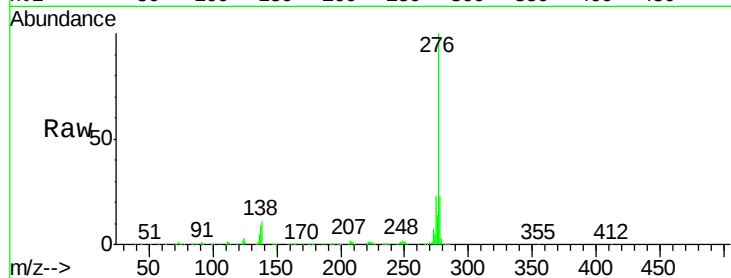
Tgt Ion: 276 Resp: 824252

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 11.1 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

