

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035982.D
 Acq On : 30 Jul 2018 18:55
 Operator : JU/SJ
 Sample : PB111568BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 00:55:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32581	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	128326	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	97328	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	283276	20.00	ng	0.00
75) Chrysene-d12	21.66	240	303983	20.00	ng	0.00
86) Perylene-d12	24.85	264	294254	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	193868	98.79	ng	0.00
7) Phenol-d6	7.19	99	291369	99.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	286463	93.25	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	145571	113.48	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	694605	95.61	ng	0.00
78) Terphenyl-d14	20.00	244	1251224	90.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	29087	29.122	ng	# 78
3) Pyridine	3.90	79	85025	32.608	ng	# 75
4) n-Nitrosodimethylamine	3.82	42	37717	33.688	ng	# 85
6) Aniline	7.35	93	89891	23.687	ng	96
8) 2-Chlorophenol	7.59	128	99007	49.605	ng	94
9) Benzaldehyde	7.16	77	65239	36.314	ng	96
10) Phenol	7.22	94	147258	49.782	ng	92
11) bis(2-Chloroethyl)ether	7.44	93	95456	41.205	ng	92
12) 1,3-Dichlorobenzene	8.06	146	106284	44.097	ng	96
13) 1,4-Dichlorobenzene	8.06	146	106284	43.400	ng	96
14) 1,2-Dichlorobenzene	8.37	146	105801	44.972	ng	97
15) Benzyl Alcohol	8.26	79	114599	43.101	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106464	54.817	ng	77
17) 2-Methylphenol	8.47	107	100551	49.996	ng	95
18) Hexachloroethane	9.10	117	39075	41.731	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	93541	37.939	ng	# 84
20) 3+4-Methylphenols	8.79	107	135177	48.449	ng	92
22) Acetophenone	8.84	105	174028	43.610	ng	# 93
24) Nitrobenzene	9.23	77	140717	45.549	ng	94
25) Isophorone	9.74	82	269578	47.274	ng	99
26) 2-Nitrophenol	9.94	139	58816	53.606	ng	# 86
27) 2,4-Dimethylphenol	10.00	122	102486	55.182	ng	86
28) bis(2-Chloroethoxy)methane	10.23	93	144516	45.992	ng	92
29) 2,4-Dichlorophenol	10.48	162	119850	56.532	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	127247	48.948	ng	96
31) Naphthalene	10.88	128	311055	46.533	ng	97
32) Benzoic acid	10.17	122	28539	22.826	ng	88
33) 4-Chloroaniline	10.99	127	33750	11.584	ng	# 95
34) Hexachlorobutadiene	11.16	225	94386	46.561	ng	98
35) Caprolactam	11.76	113	26960	29.633	ng	# 65
36) 4-Chloro-3-methylphenol	12.11	107	149038	52.446	ng	98
37) 2-Methylnaphthalene	12.48	142	249755	50.150	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	168813	45.954	ng	98
40) Hexachlorocyclopentadiene	12.82	237	203802	105.787	ng	92

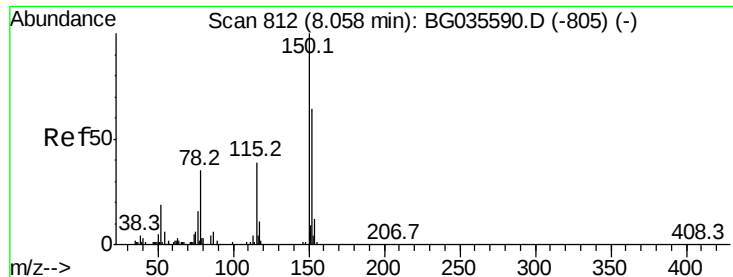
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
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Instrument :
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Quant Time: Jul 31 00:55:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	113885	53.012	ng	93
43) 2,4,5-Trichlorophenol	13.16	196	127879	53.211	ng	99
45) 1,1'-Biphenyl	13.48	154	349612	46.332	ng	100
46) 2-Chloronaphthalene	13.53	162	278623	47.470	ng	97
47) 2-Nitroaniline	13.73	65	104665	50.440	ng	97
48) Acenaphthylene	14.37	152	473159	48.125	ng	98
49) Dimethylphthalate	14.10	163	402778	47.234	ng	98
50) 2,6-Dinitrotoluene	14.22	165	93386	53.779	ng	91
51) Acenaphthene	14.71	154	274633	44.840	ng	99
52) 3-Nitroaniline	14.56	138	39893	22.477	ng #	94
53) 2,4-Dinitrophenol	14.77	184	53270	61.329	ng #	63
54) Dibenzofuran	15.05	168	475208	48.786	ng	94
55) 4-Nitrophenol	14.87	139	128849	101.941	ng #	88
56) 2,4-Dinitrotoluene	15.01	165	143249	57.501	ng #	84
57) Fluorene	15.69	166	398821	48.851	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	135287	58.712	ng	90
59) Diethylphthalate	15.46	149	419471	47.839	ng	99
60) 4-Chlorophenyl-phenylether	15.68	204	236402	49.267	ng	99
61) 4-Nitroaniline	15.72	138	93241	50.223	ng #	83
62) Azobenzene	15.98	77	411057	47.527	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	65750	41.696	ng	85
65) n-Nitrosodiphenylamine	15.90	169	366358	45.436	ng	96
66) 4-Bromophenyl-phenylether	16.58	248	160374	48.798	ng	90
67) Hexachlorobenzene	16.70	284	167378	49.455	ng	96
68) Atrazine	16.85	200	172529	51.969	ng	96
69) Pentachlorophenol	17.05	266	138832	67.347	ng	98
70) Phenanthrene	17.43	178	676824	47.883	ng	98
71) Anthracene	17.53	178	698733	49.645	ng	97
72) Carbazole	17.80	167	635434	47.540	ng	98
73) Di-n-butylphthalate	18.34	149	739716	46.831	ng #	98
74) Fluoranthene	19.44	202	921080	48.377	ng	95
76) Benzidine	19.62	184	267526	33.475	ng	99
77) Pyrene	19.80	202	914927	47.600	ng	98
79) Butylbenzylphthalate	20.68	149	338885	49.303	ng	97
80) Benzo(a)anthracene	21.63	228	913255	48.210	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	187758	28.426	ng #	98
82) Chrysene	21.70	228	863930	49.215	ng	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	465550	49.820	ng	100
84) Di-n-octyl phthalate	22.73	149	793680	50.726	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	961982	49.497	ng #	88
87) Benzo(b)fluoranthene	23.84	252	869552	48.620	ng #	96
88) Benzo(k)fluoranthene	23.91	252	848336	48.519	ng #	97
89) Benzo(a)pyrene	24.71	252	840829	50.535	ng #	96
90) Dibenzo(a,h)anthracene	28.56	278	804881	49.274	ng #	95
91) Benzo(g,h,i)perylene	29.63	276	798328	49.944	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampled :

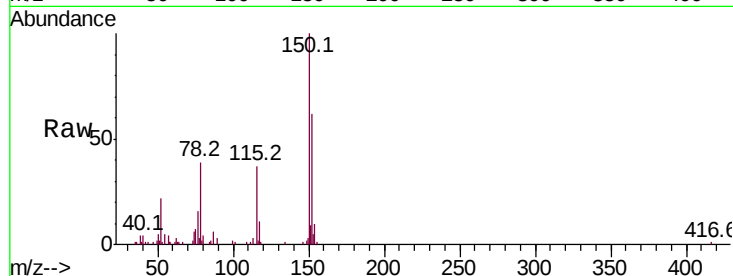
Tot Ion:152 Resp: 32581

Ion Ratio Lower Upper

152 100

150 160.6 126.6 189.8

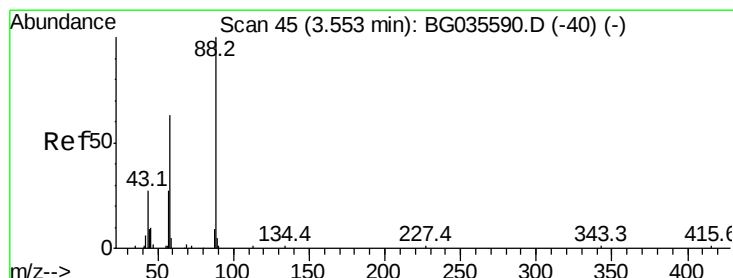
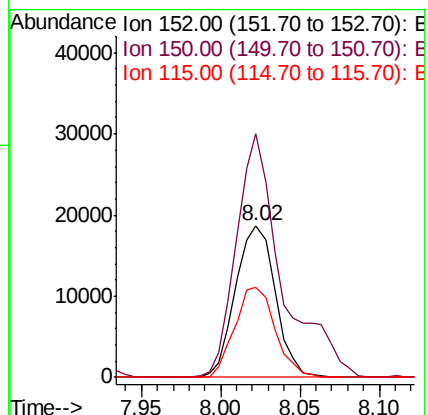
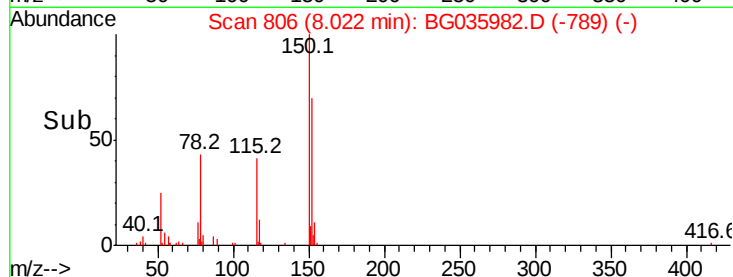
115 59.0 53.0 79.4



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



#2

1,4-Dioxane

Concen: 29.122 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

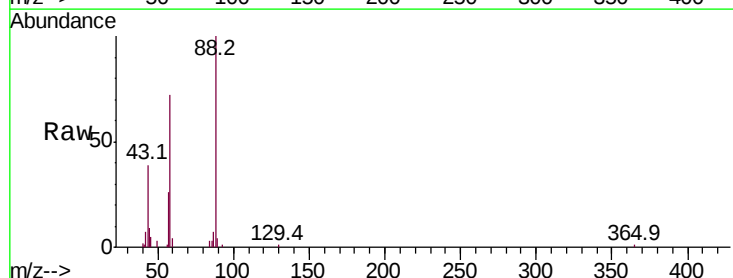
Tgt Ion: 88 Resp: 29087

Ion Ratio Lower Upper

88 100

58 70.9 79.6 119.4#

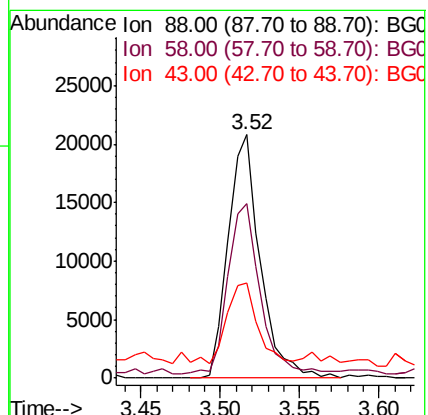
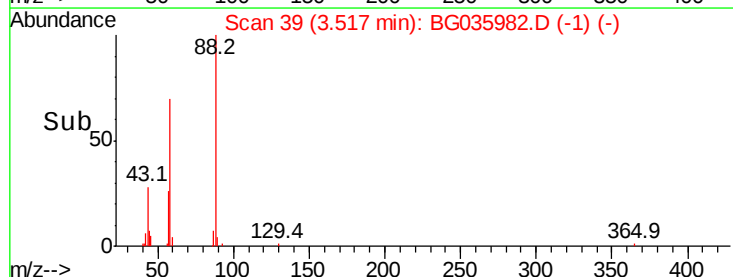
43 32.8 27.4 41.0

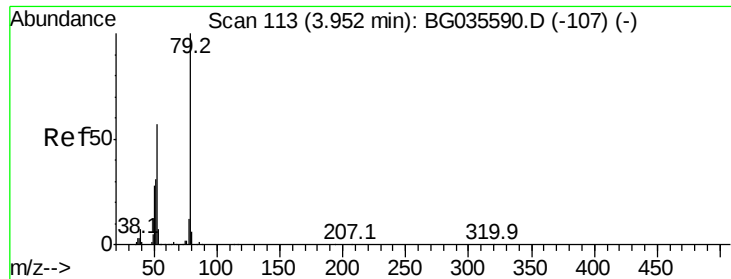


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.608 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

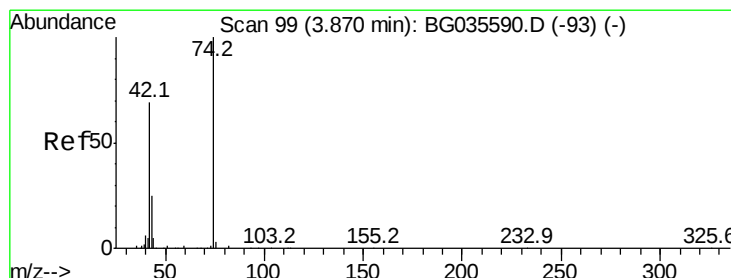
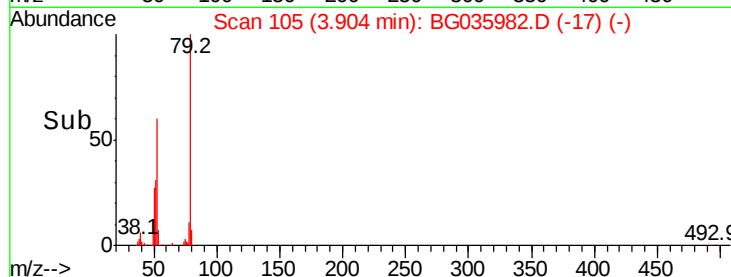
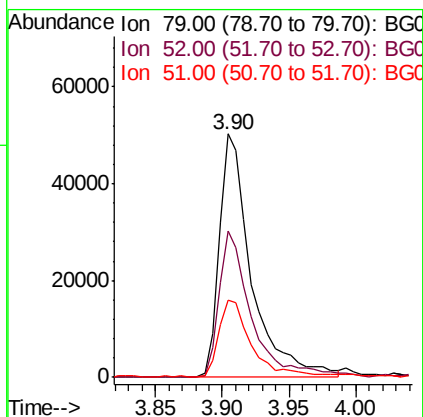
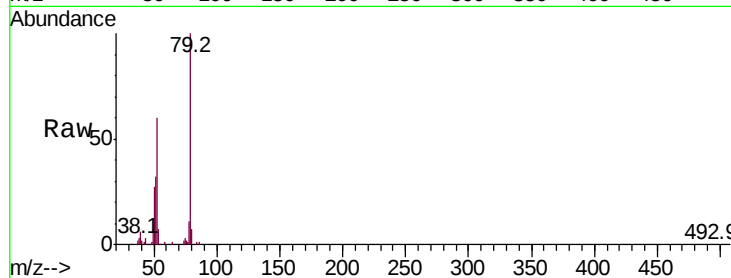
Tot Ion: 79 Resp: 85025

Ion Ratio Lower Upper

79 100

52 60.0 69.9 104.9#

51 31.8 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 33.688 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

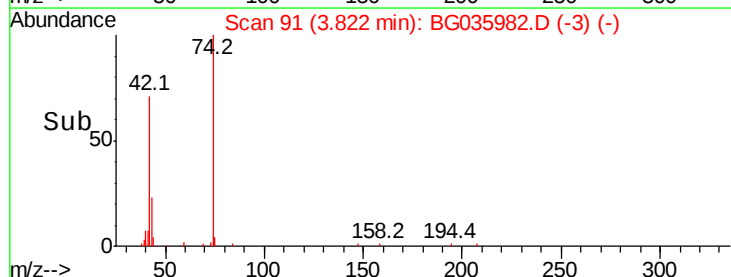
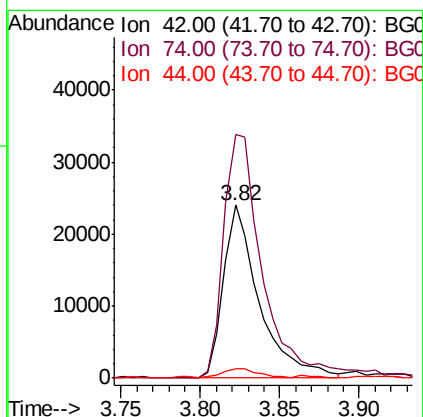
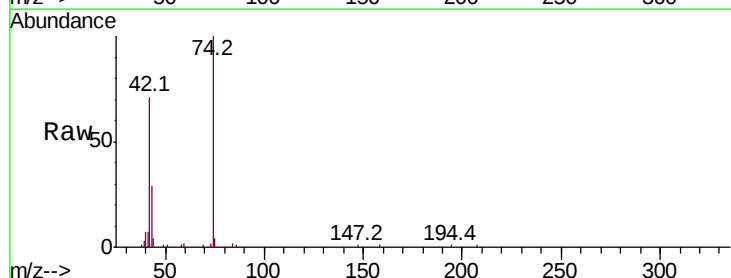
Tgt Ion: 42 Resp: 37717

Ion Ratio Lower Upper

42 100

74 140.9 102.5 153.7

44 5.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 98.790 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

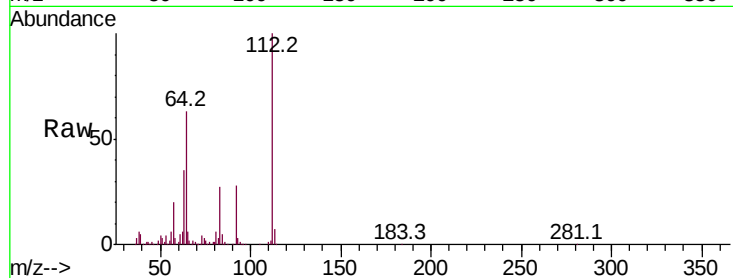
Tot Ion:112 Resp: 193868

Ion Ratio Lower Upper

112 100

64 62.9 56.3 84.5

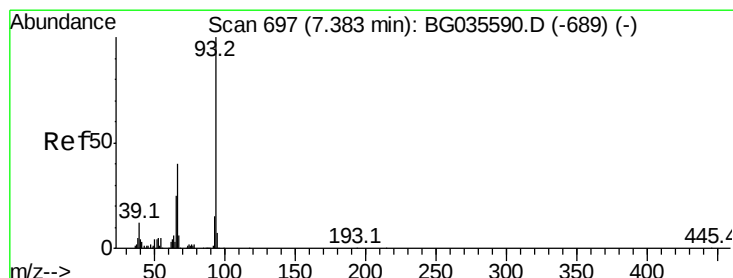
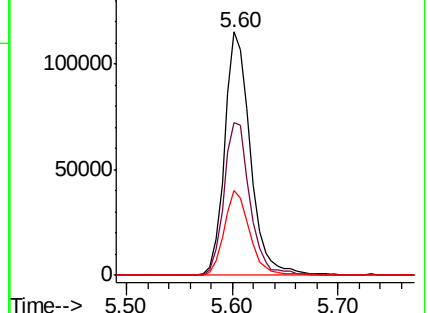
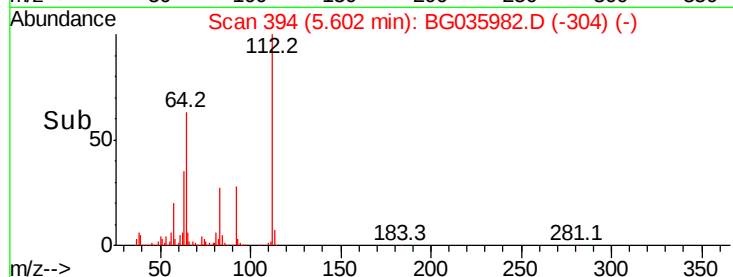
63 34.7 30.1 45.1



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: 23.687 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

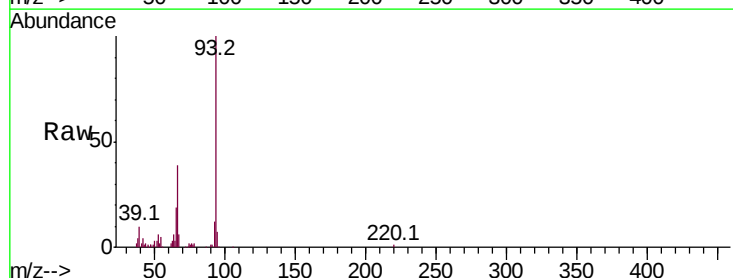
Tgt Ion: 93 Resp: 89891

Ion Ratio Lower Upper

93 100

66 38.7 33.7 50.5

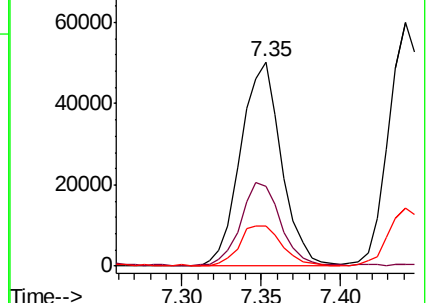
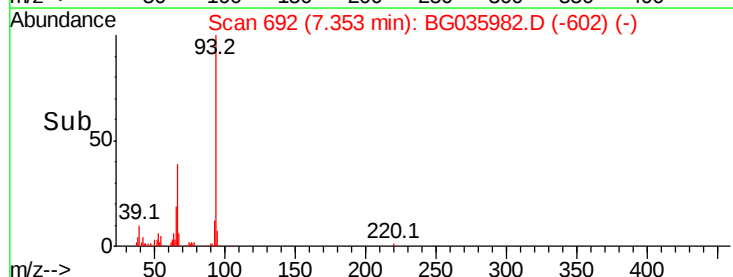
65 19.4 16.1 24.1



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: 99.514 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

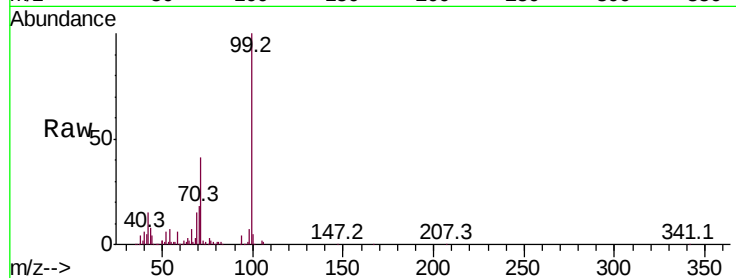
Tot Ion: 99 Resp: 291369

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

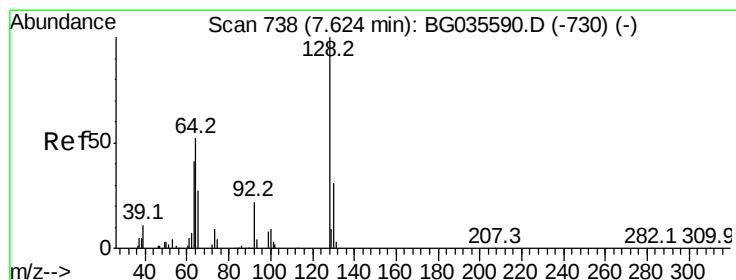
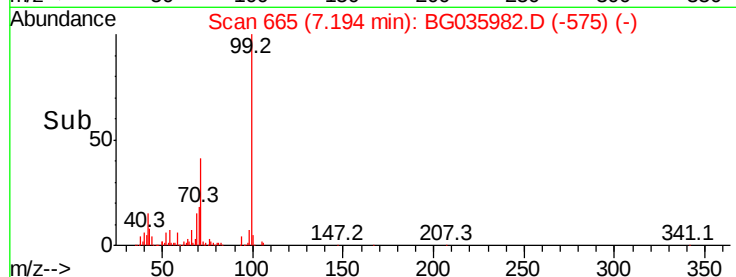
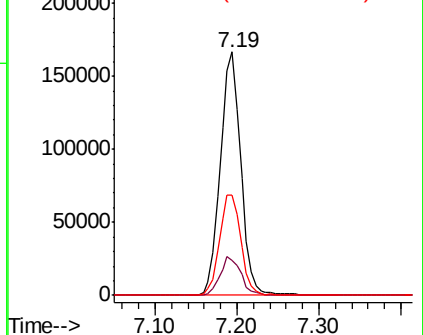
71 41.4 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.605 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

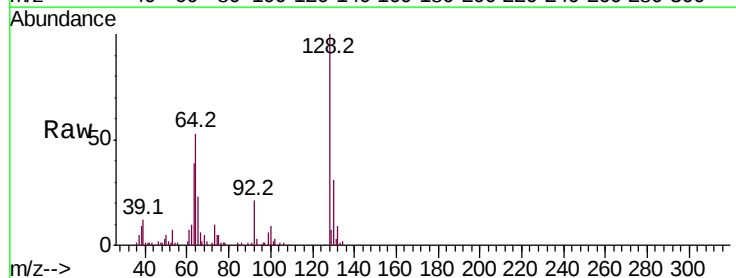
Tgt Ion:128 Resp: 99007

Ion Ratio Lower Upper

128 100

130 30.7 14.0 54.0

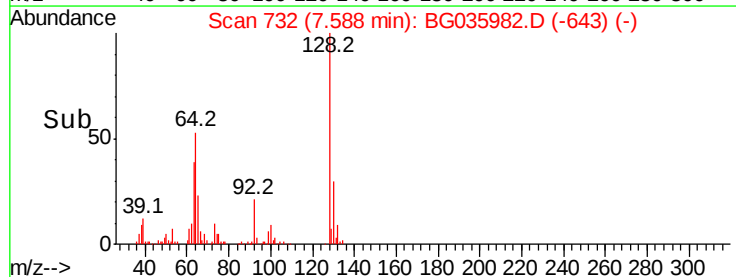
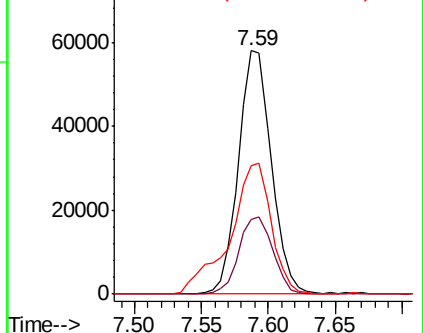
64 52.7 37.7 77.7

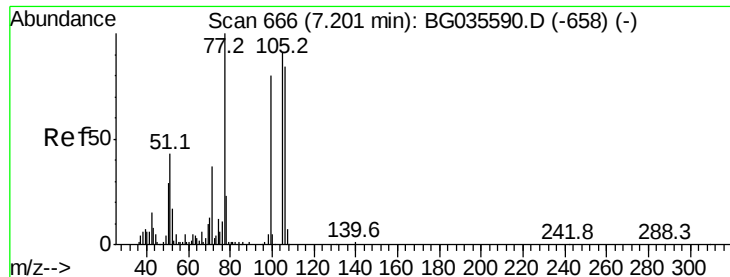


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.314 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampled :

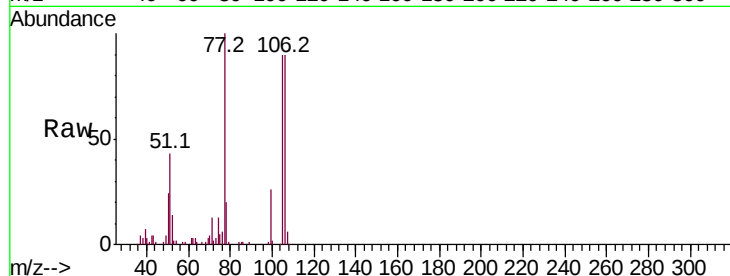
Tot Ion: 77 Resp: 65239

Ion Ratio Lower Upper

77 100

105 90.1 71.3 111.3

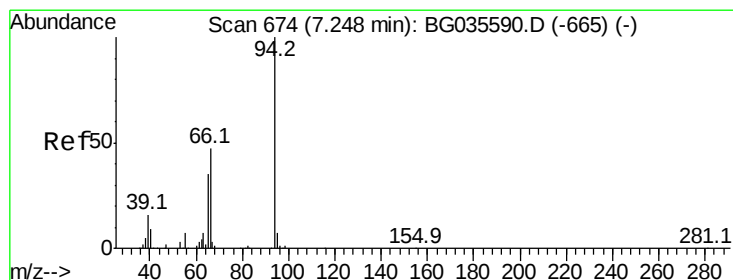
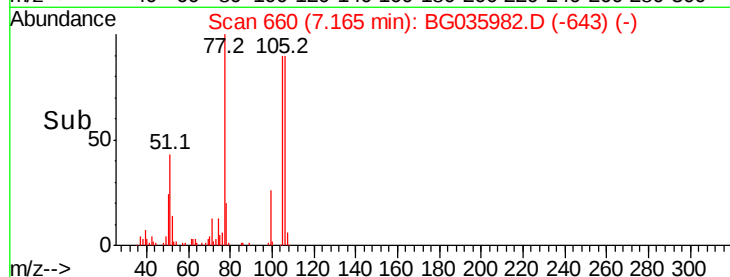
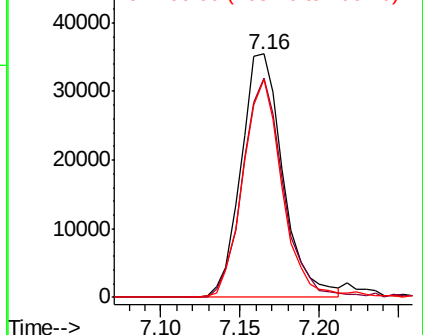
106 89.6 64.2 104.2



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: 49.782 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

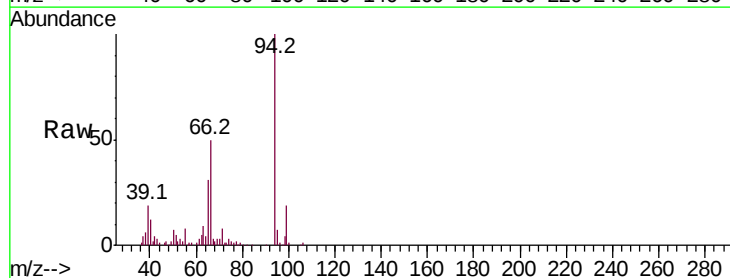
Tgt Ion: 94 Resp: 147258

Ion Ratio Lower Upper

94 100

65 30.6 11.9 51.9

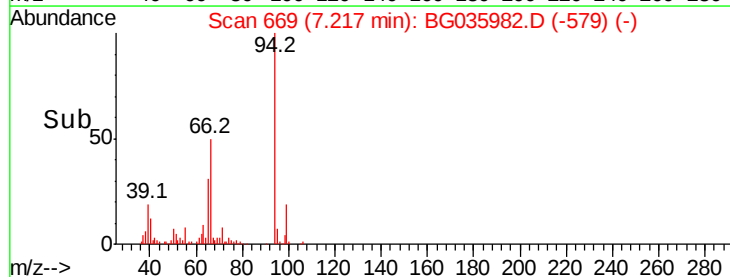
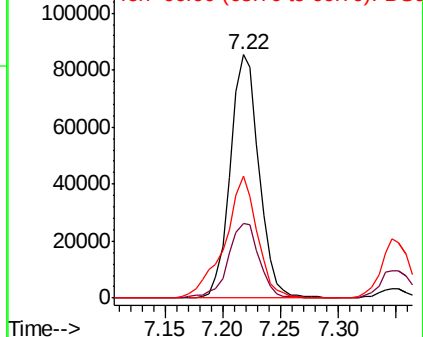
66 50.0 22.2 62.2

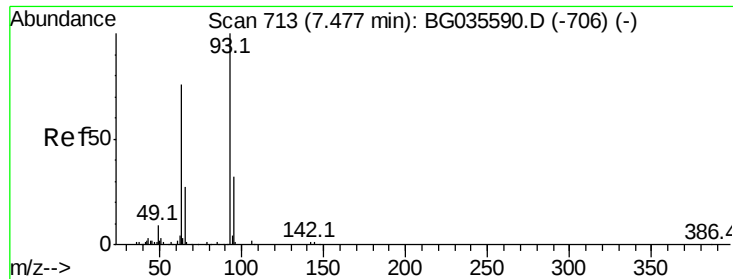


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

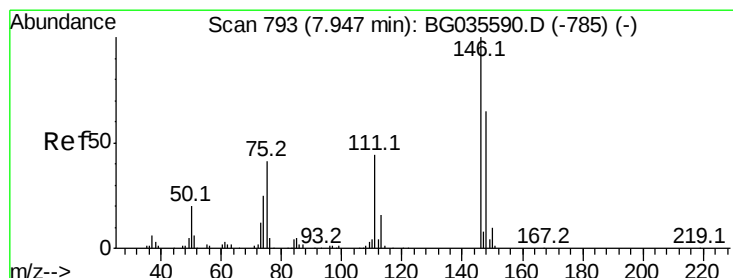
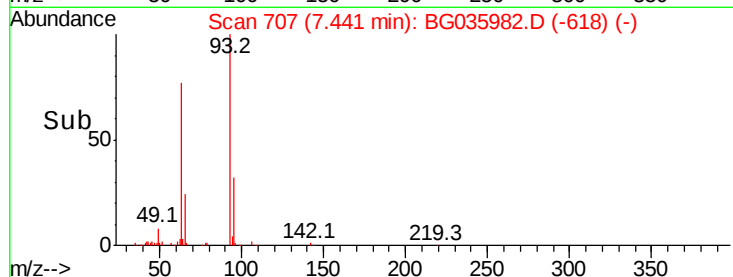
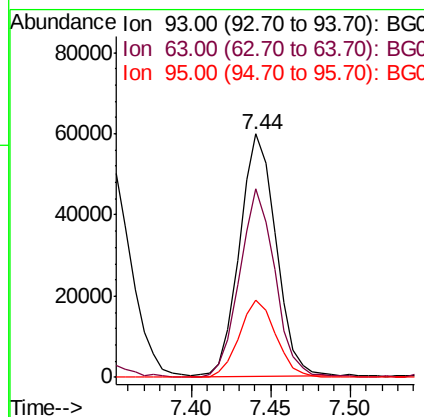
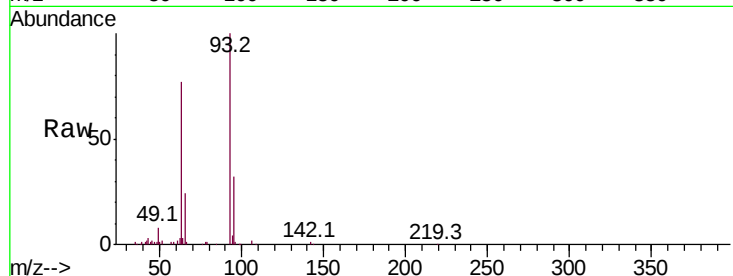




#11
bis(2-Chloroethyl)ether
Concen: 41.205 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

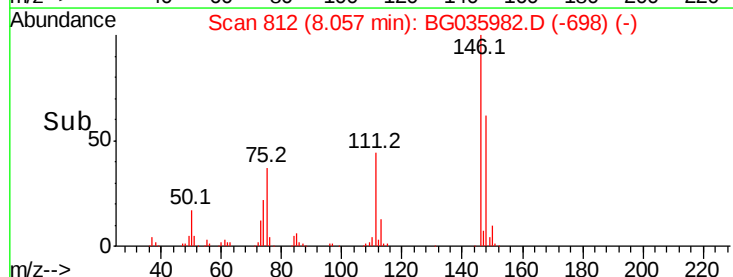
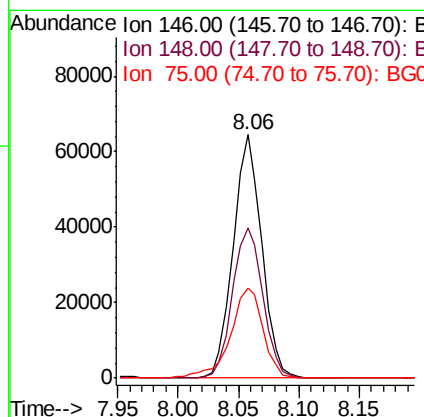
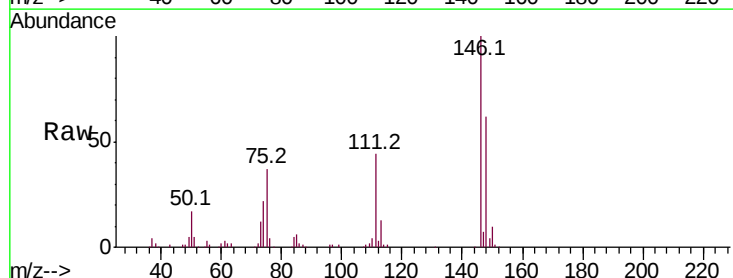
Instrument :
BNA_G
ClientSampleId :

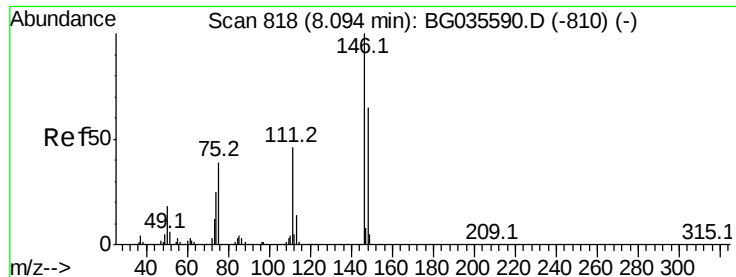
Tot Ion	93	Resp	95456
Ion Ratio	100	Lower	Upper
63	77.2	67.1	107.1
95	31.7	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 44.097 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.14 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion	146	Resp	106284
Ion Ratio	100	Lower	Upper
148	61.8	51.4	77.2
75	36.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 43.400 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampled :

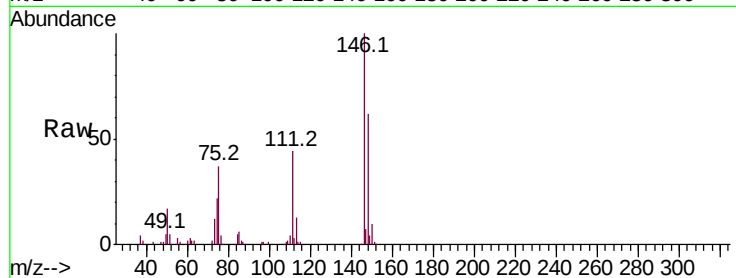
Tot Ion:146 Resp: 106284

Ion Ratio Lower Upper

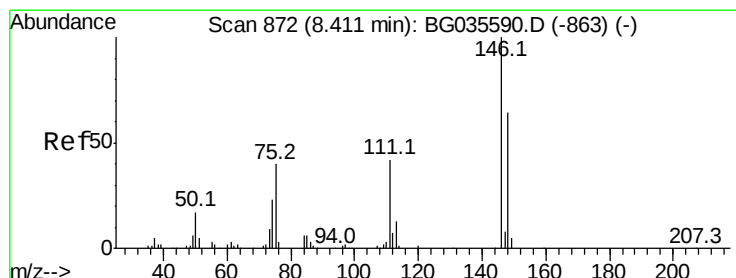
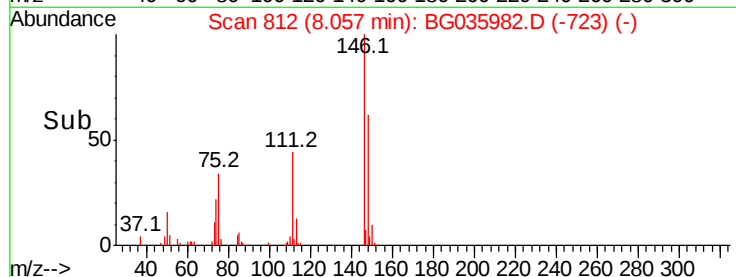
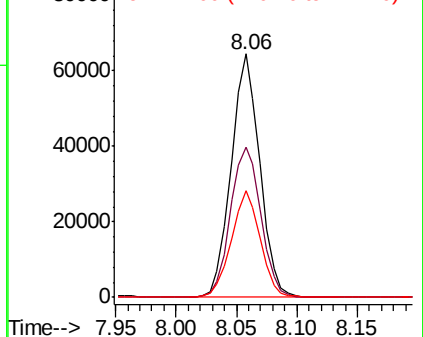
146 100

148 61.8 53.7 80.5

111 43.8 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: 44.972 ng

RT: 8.37 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

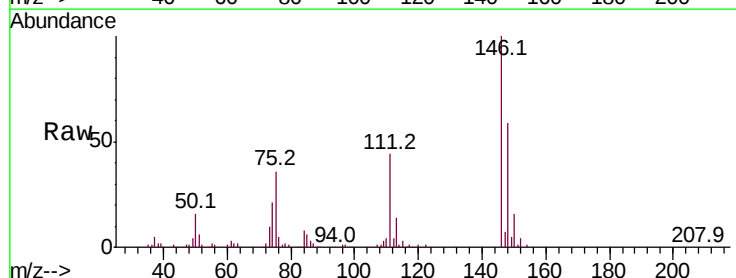
Tgt Ion:146 Resp: 105801

Ion Ratio Lower Upper

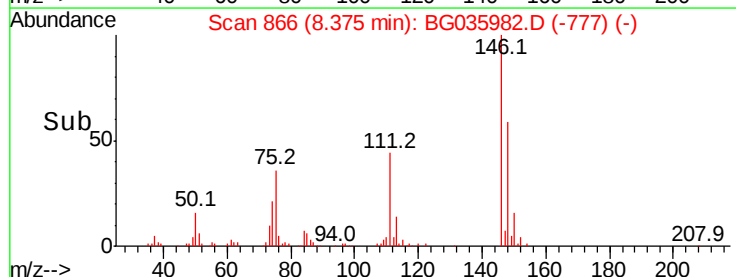
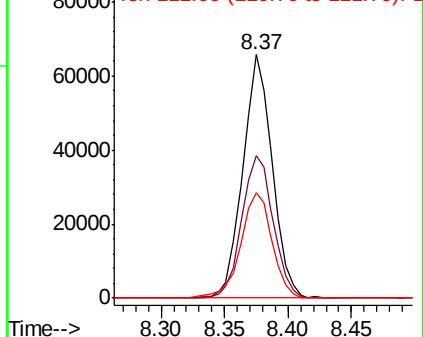
146 100

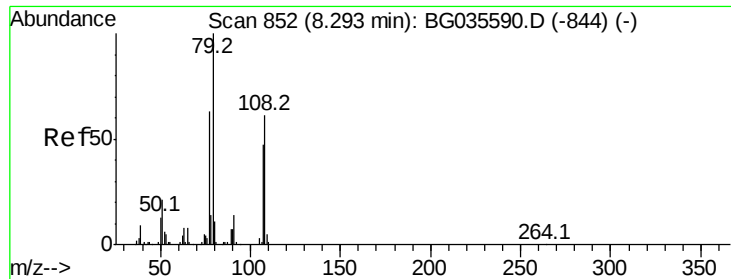
148 58.6 49.3 73.9

111 43.5 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: 43.101 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampled :

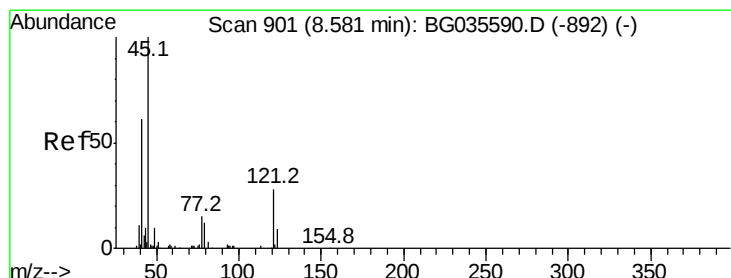
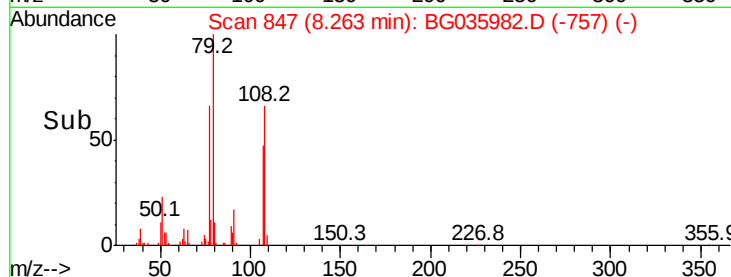
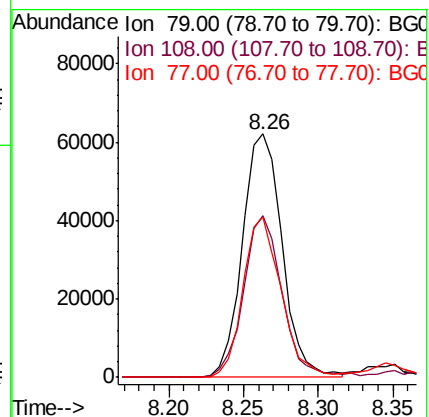
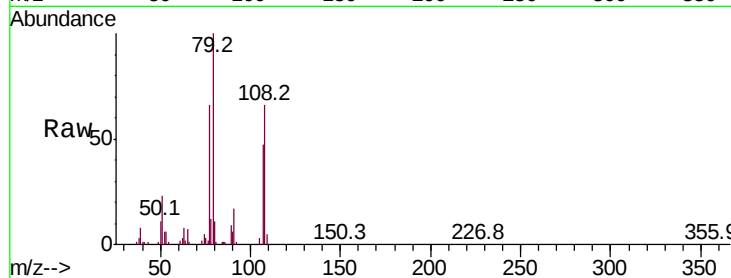
Tot Ion: 79 Resp: 114599

Ion Ratio Lower Upper

79 100

108 66.5 57.2 85.8

77 65.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.817 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

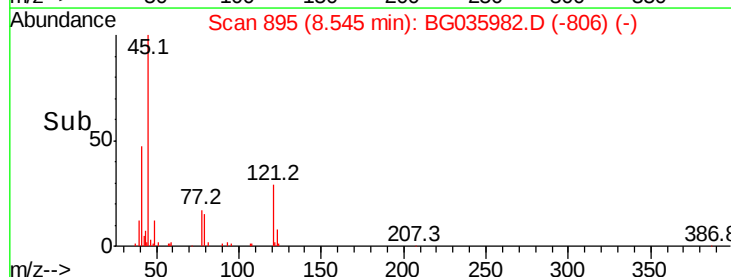
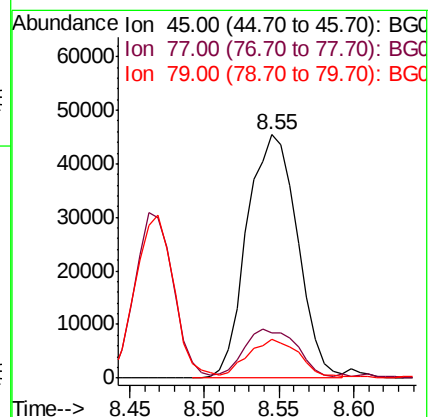
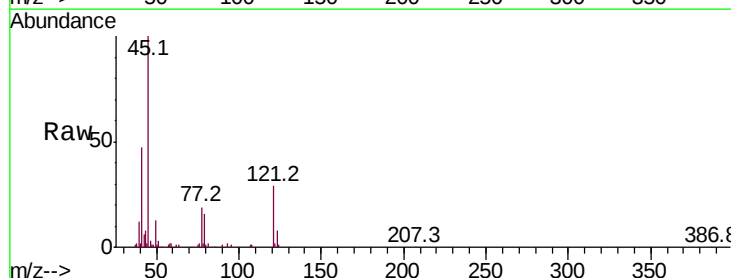
Tgt Ion: 45 Resp: 106464

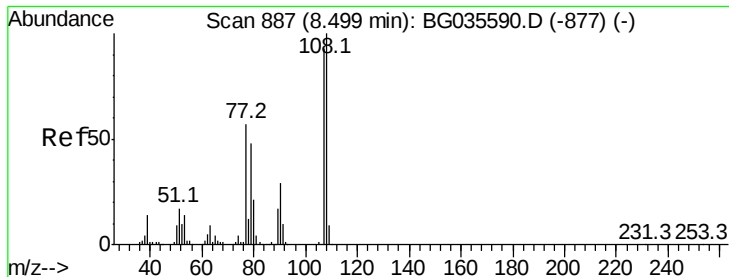
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 16.1 0.0 27.9





#17

2-Methylphenol

Concen: 49.996 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 100551

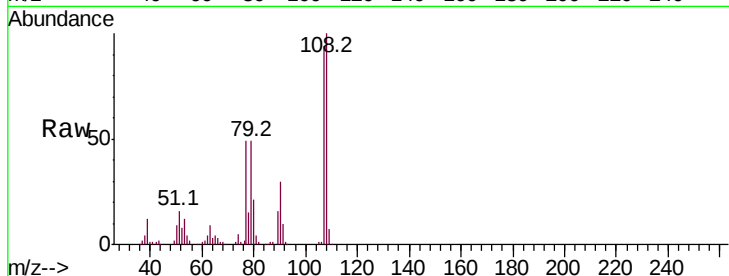
Ion Ratio Lower Upper

107 100

108 106.1 83.9 125.9

77 51.5 37.2 55.8

79 52.5 36.2 54.2

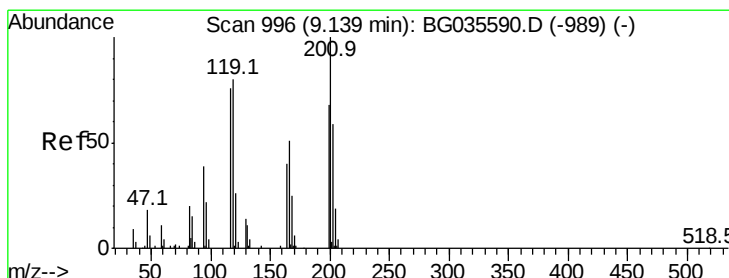
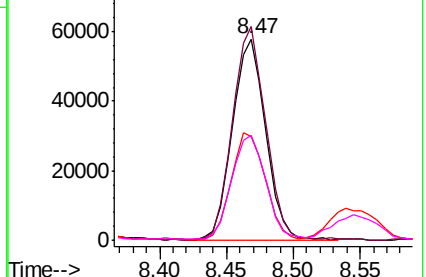
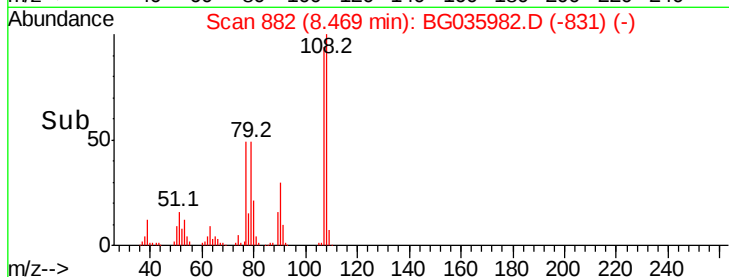


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.731 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

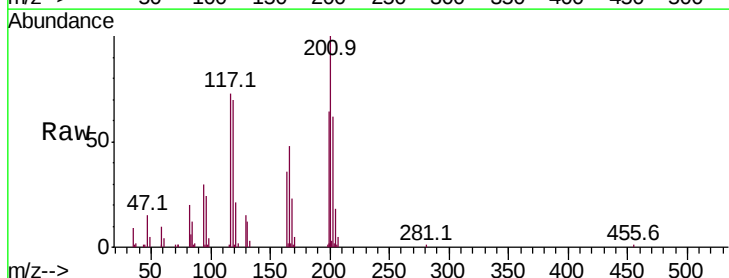
Tgt Ion:117 Resp: 39075

Ion Ratio Lower Upper

117 100

119 95.3 76.7 115.1

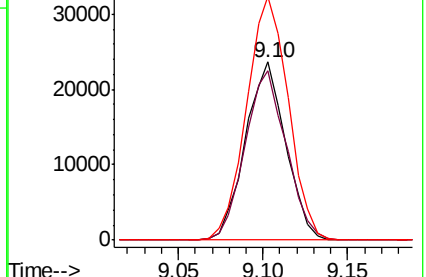
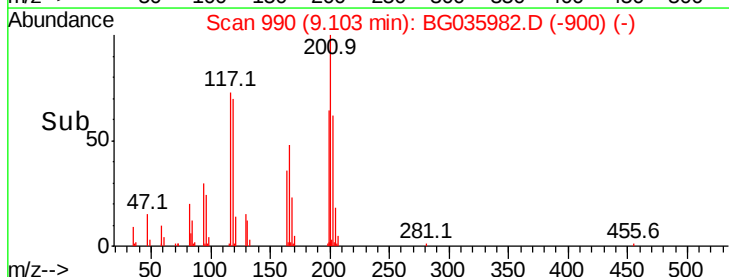
201 136.8 95.7 143.5

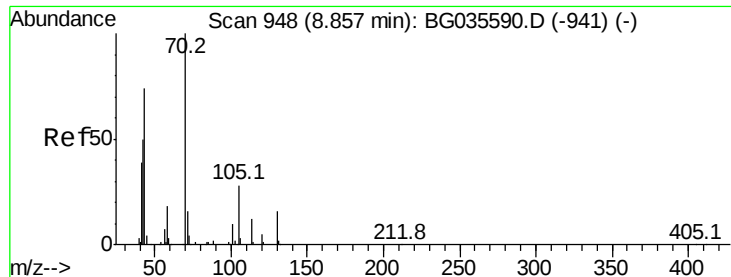


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.939 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG035982.D

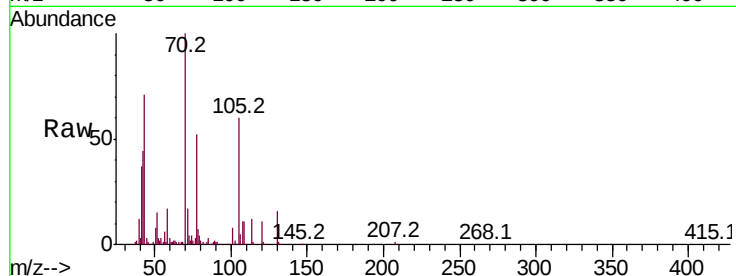
Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	93541
Ion	Ratio	Lower	Upper
70	100		
42	44.3	49.1	73.7#
101	8.1	8.5	12.7#
130	16.3	13.4	20.0



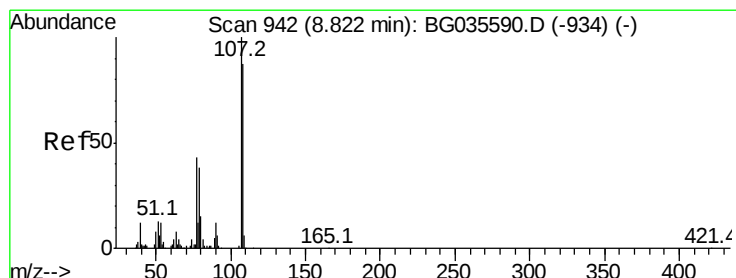
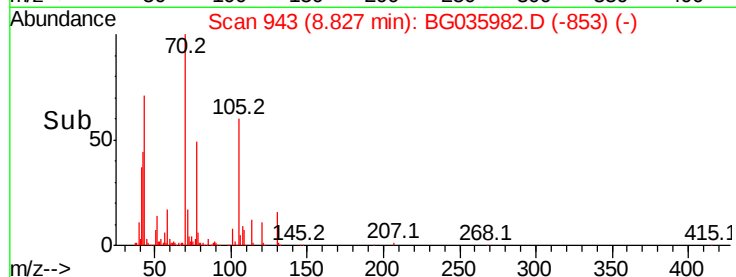
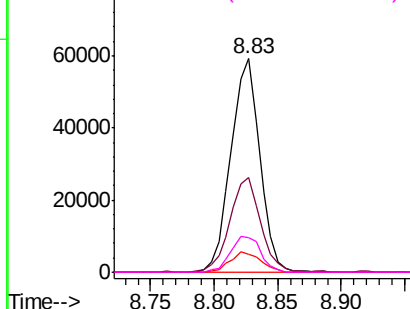
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 48.449 ng

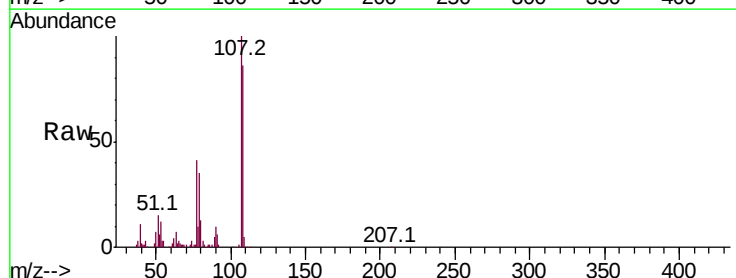
RT: 8.79 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Tgt Ion:	107	Resp:	135177
Ion	Ratio	Lower	Upper
107	100		
108	85.6	61.6	101.6
77	40.7	13.9	53.9
79	34.9	8.8	48.8



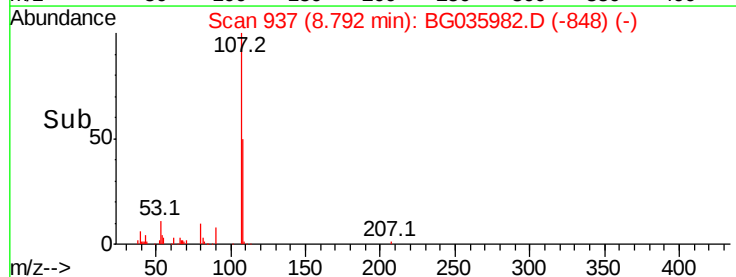
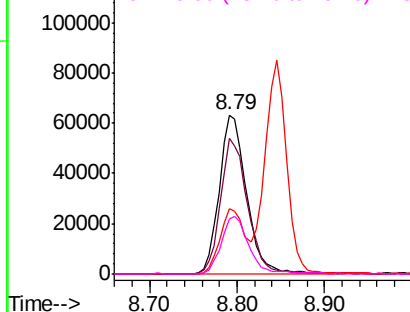
Abundance

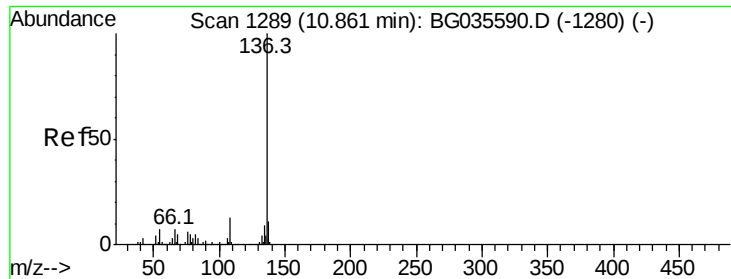
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 128326

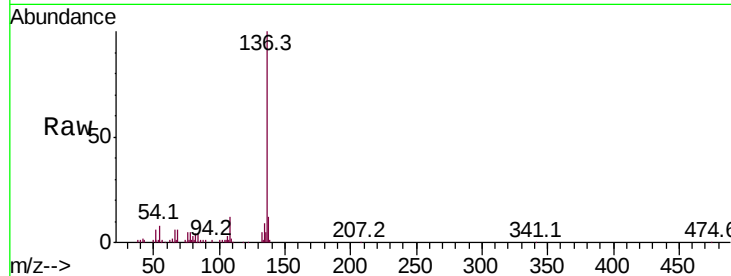
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 7.7 10.3 15.5#

68 6.0 4.5 6.7

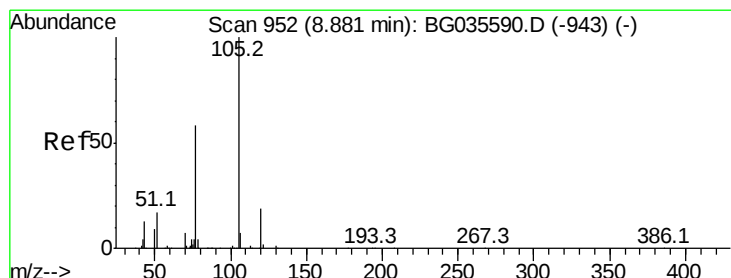
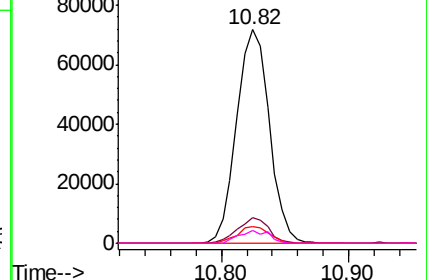
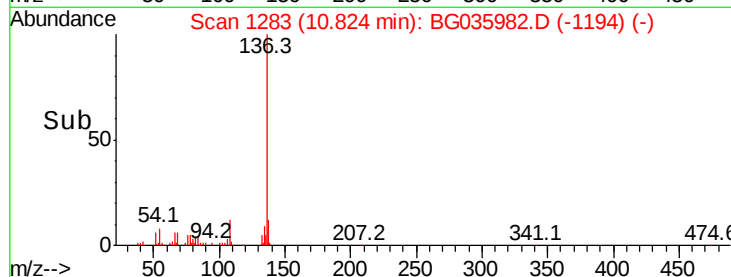


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.610 ng

RT: 8.84 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Tgt Ion:105 Resp: 174028

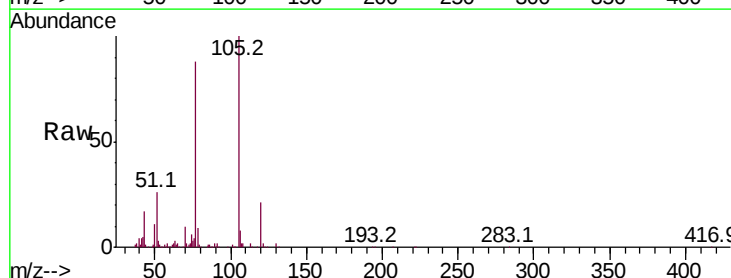
Ion Ratio Lower Upper

105 100

71 2.2 3.0 4.4#

51 26.2 26.1 39.1

120 21.2 17.4 26.2

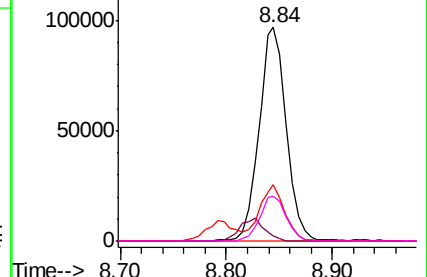
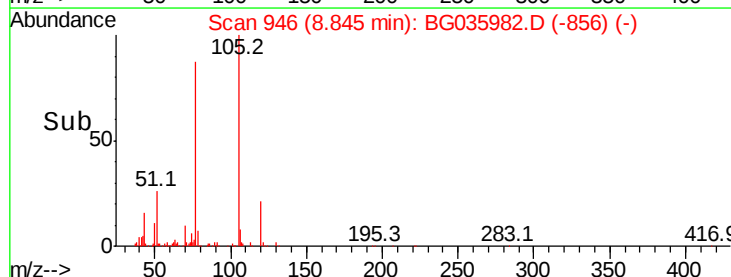


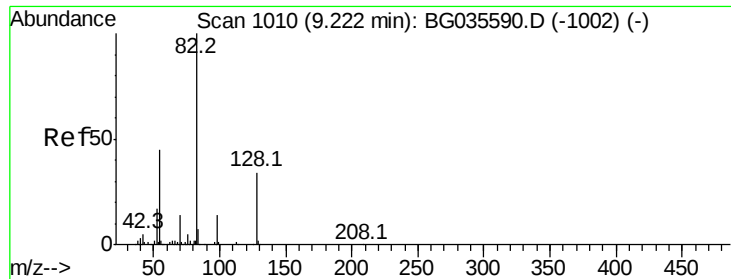
Abundance Ion 105.00 (104.70 to 105.70): E

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

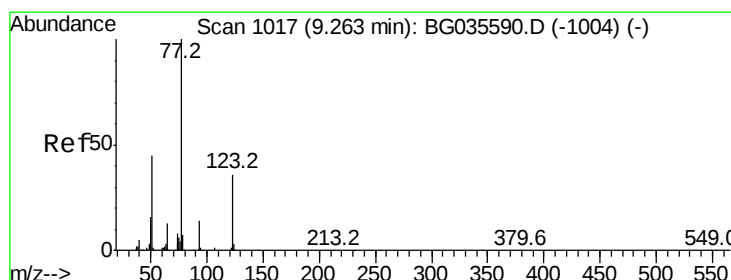
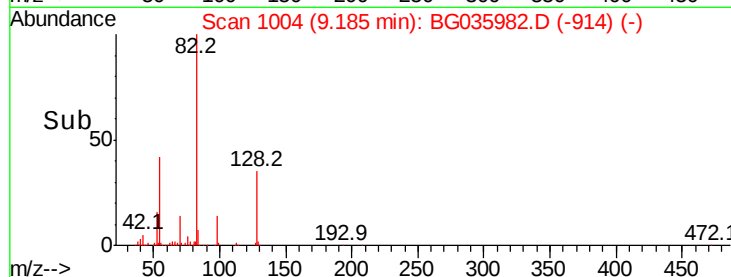
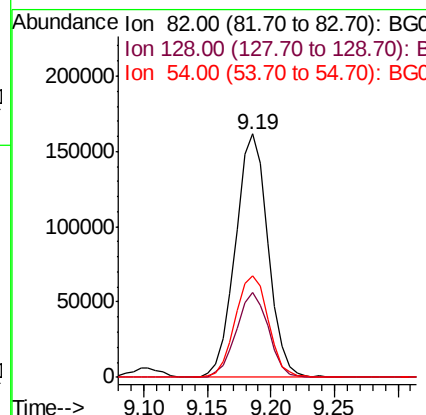
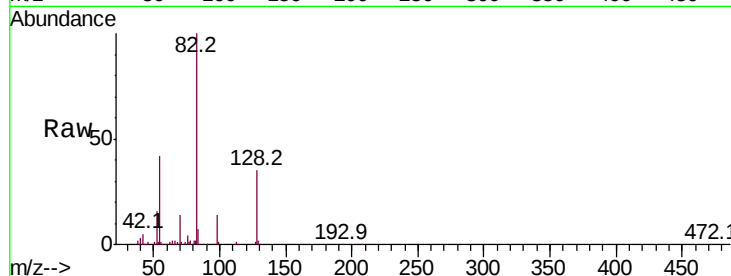




#23
 Nitrobenzene-d5
 Concen: 93.254 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

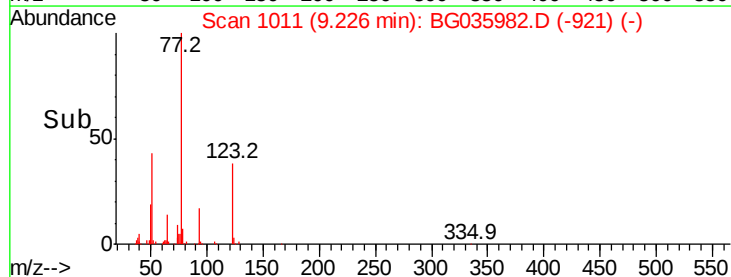
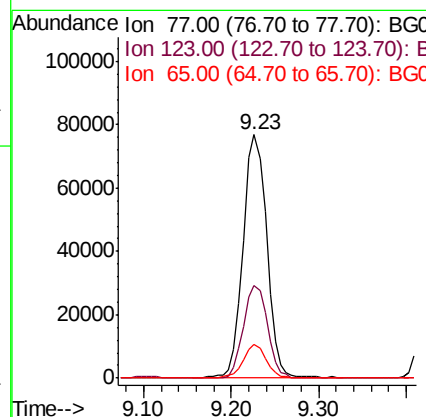
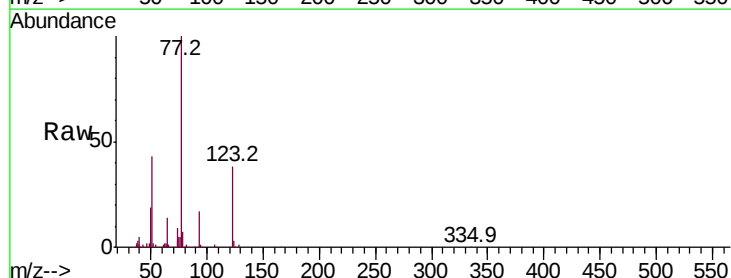
Instrument :
 BNA_G
 ClientSampleId :

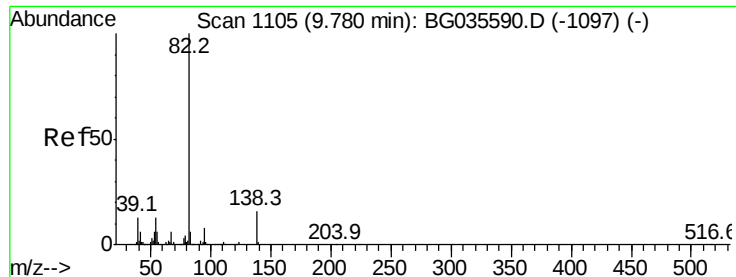
Tot Ion: 82 Resp: 286463
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.7 44.5
 54 41.8 43.1 64.7#



#24
 Nitrobenzene
 Concen: 45.549 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion: 77 Resp: 140717
 Ion Ratio Lower Upper
 77 100
 123 37.8 33.0 49.6
 65 13.9 13.0 19.6





#25

Isophorone

Concen: 47.274 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

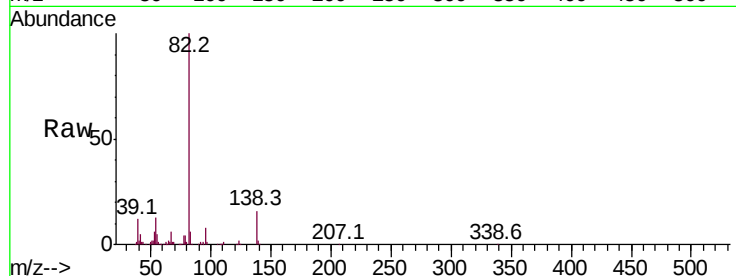
Tot Ion: 82 Resp: 269578

Ion Ratio Lower Upper

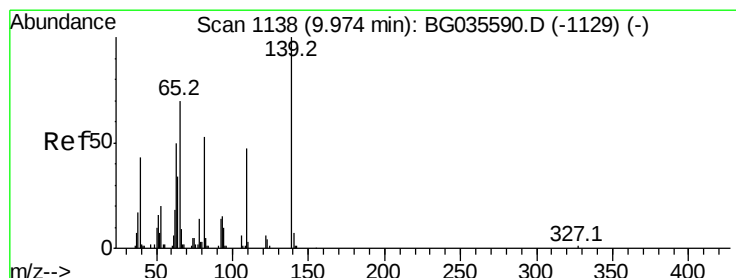
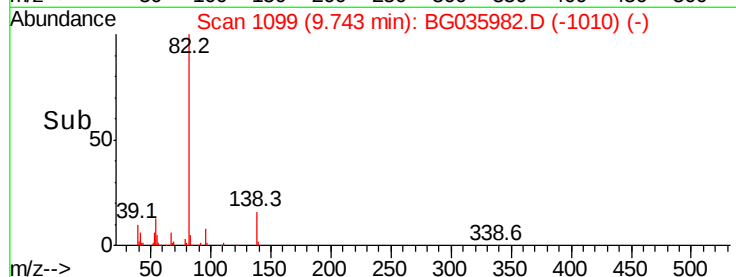
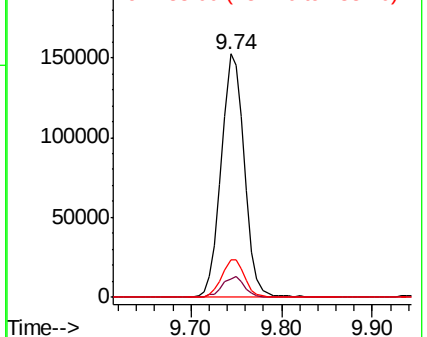
82 100

95 7.5 6.2 9.2

138 15.6 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: 53.606 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

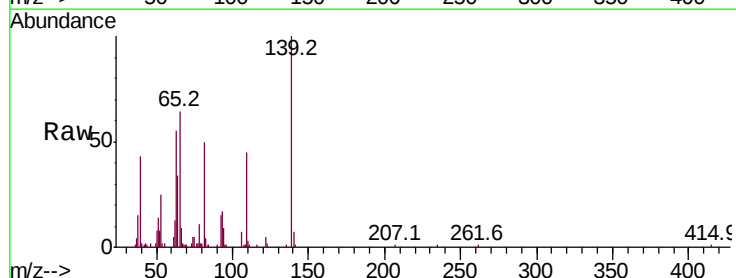
Tgt Ion: 139 Resp: 58816

Ion Ratio Lower Upper

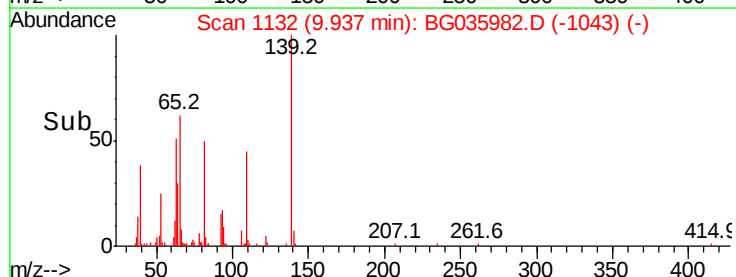
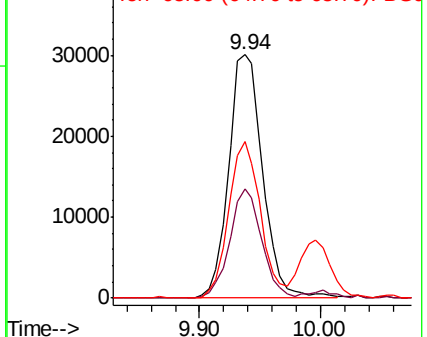
139 100

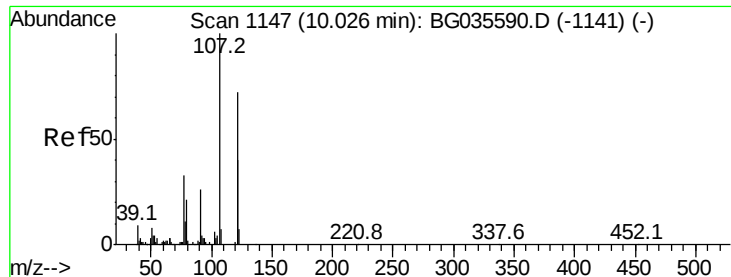
109 44.9 24.2 36.2#

65 64.3 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: 55.182 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

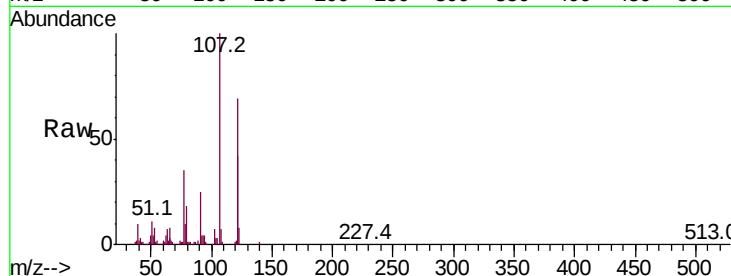
Tot Ion:122 Resp: 102486

Ion Ratio Lower Upper

122 100

107 145.1 100.2 150.2

121 60.3 44.4 66.6



Abundance

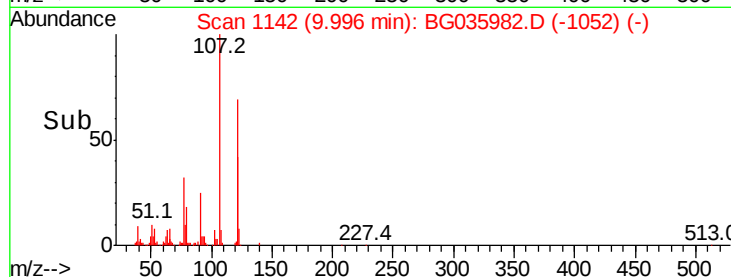
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

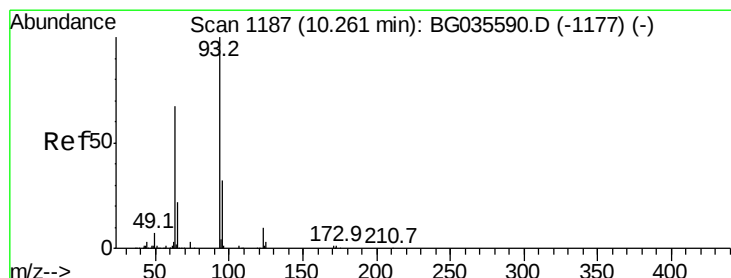
Ion 121.00 (120.70 to 121.70): E

10.00

Time-->



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 45.992 ng

RT: 10.23 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

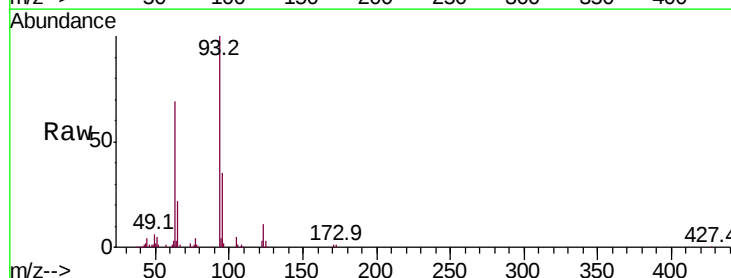
Tgt Ion: 93 Resp: 144516

Ion Ratio Lower Upper

93 100

95 35.5 24.3 36.5

123 11.4 8.4 12.6



Abundance

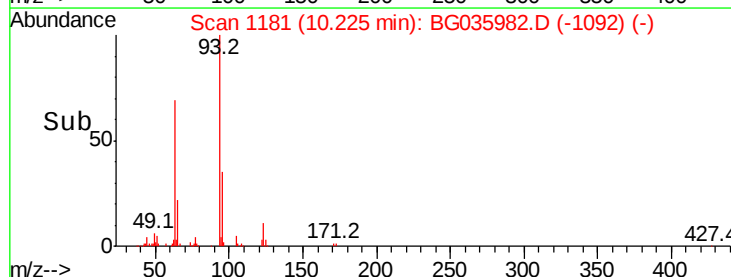
Ion 93.00 (92.70 to 93.70): BGC

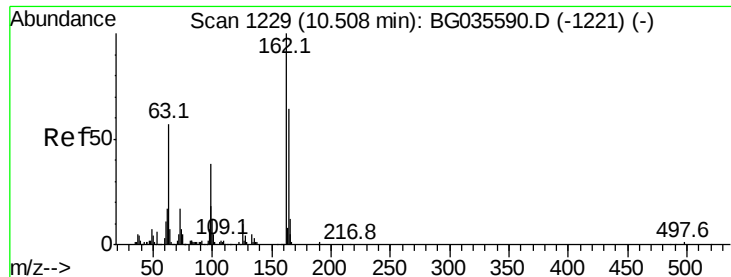
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

10.23

Time-->

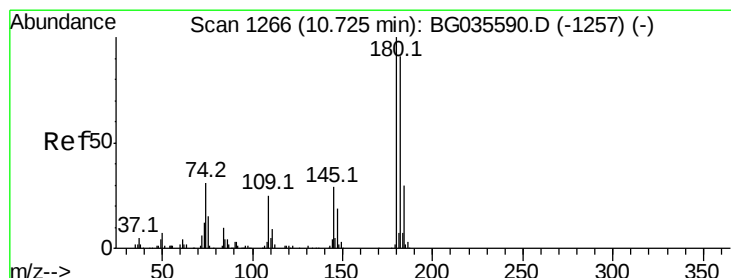
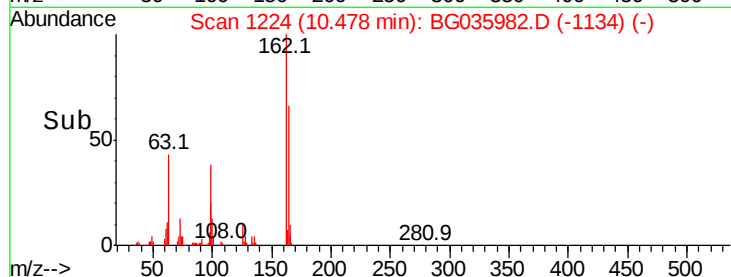
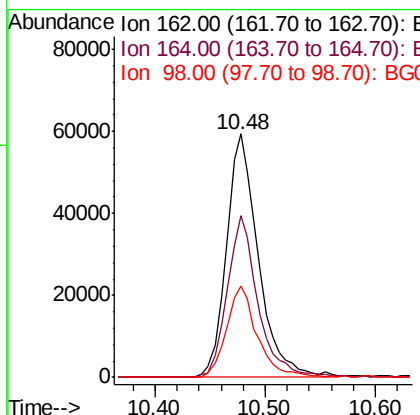
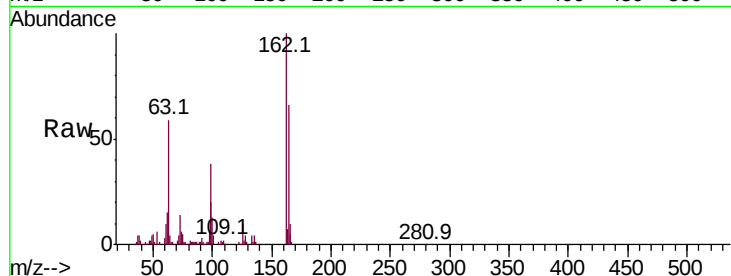




#29
2,4-Dichlorophenol
Concen: 56.532 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

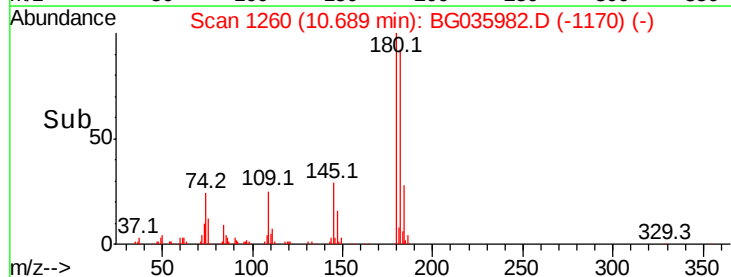
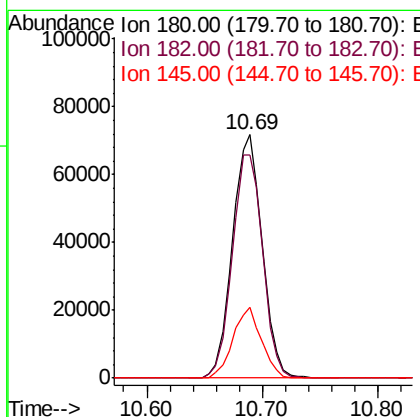
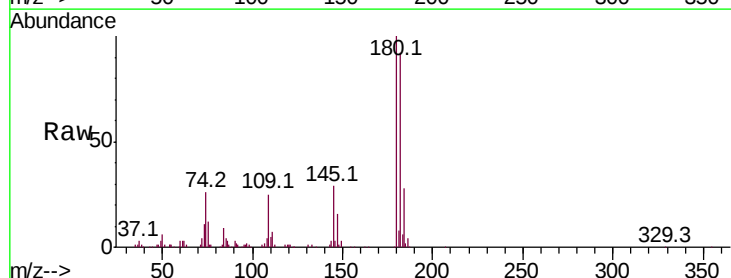
Instrument :
BNA_G
ClientSampleId :

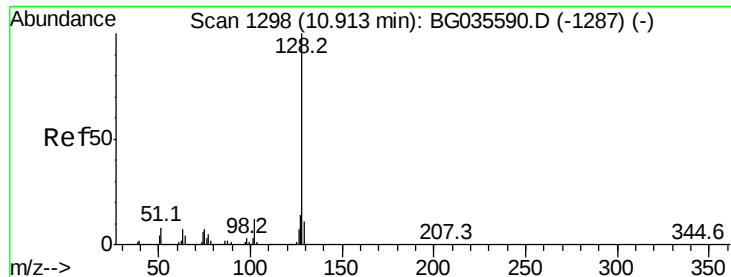
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.0	88.0
98	37.5	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 48.948 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.5	116.3
145	29.1	23.4	35.2

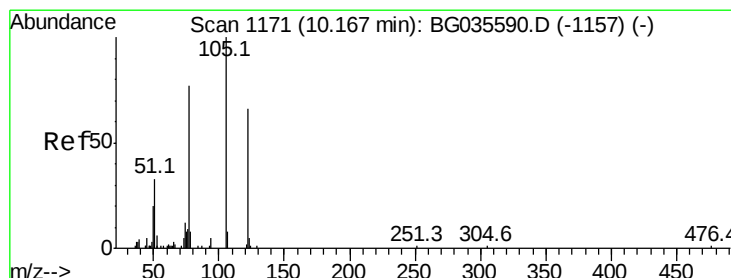
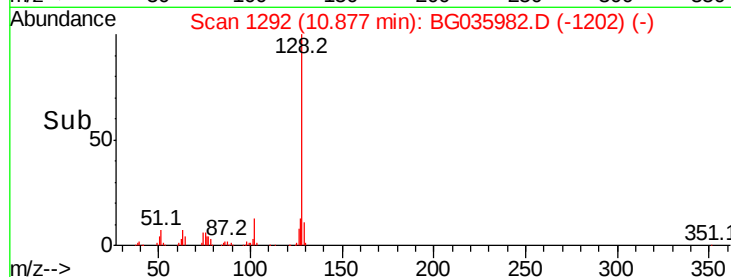
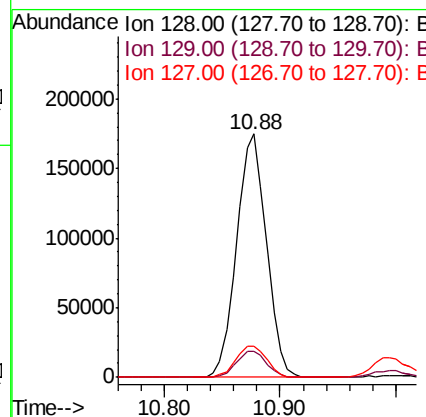
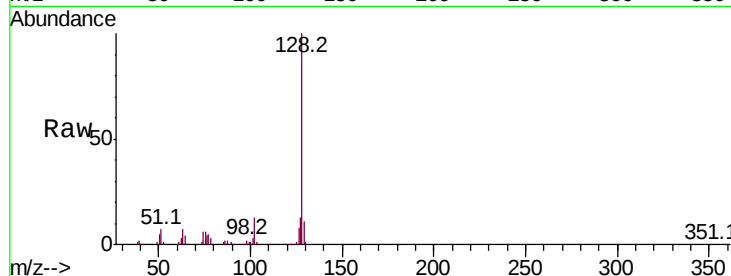




#31
Naphthalene
Concen: 46.533 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

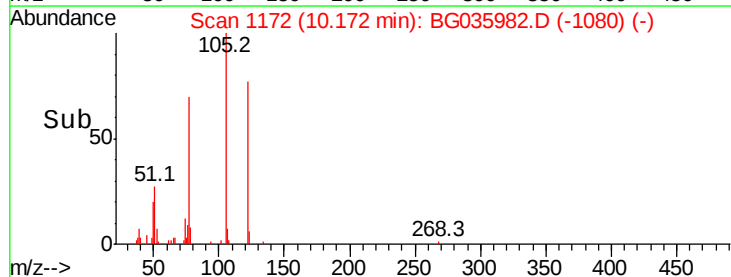
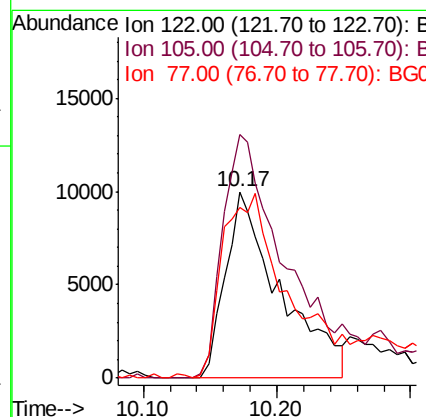
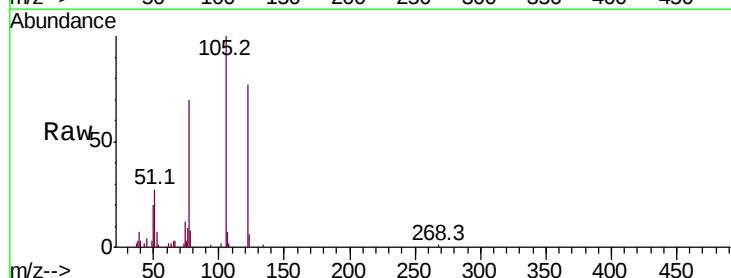
Instrument :
BNA_G
ClientSampled :

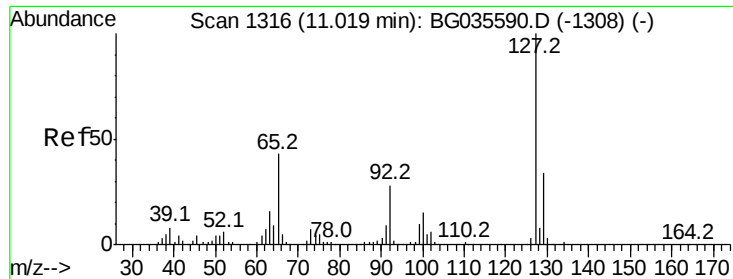
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.7	11.6	17.4



#32
Benzoic acid
Concen: 22.826 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	123.5	163.5
77	91.5	85.7	125.7

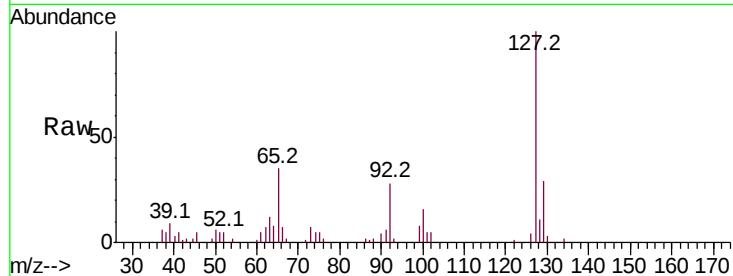




#33
4-Chloroaniline
Concen: 11.584 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	33750
Ion	Ratio	Lower	Upper
127	100		
129	28.6	24.0	36.0
65	34.8	27.0	40.4
92	27.8	16.6	25.0#



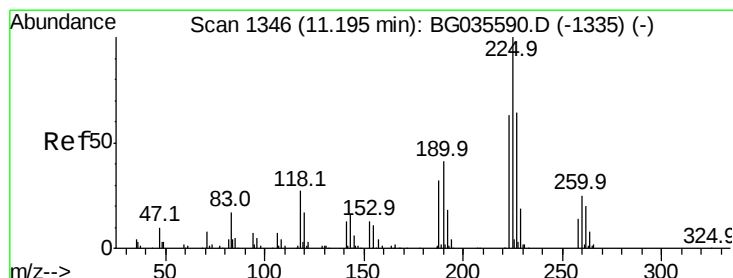
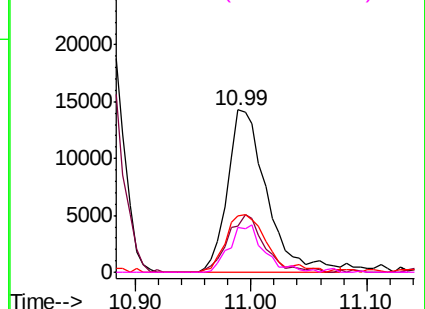
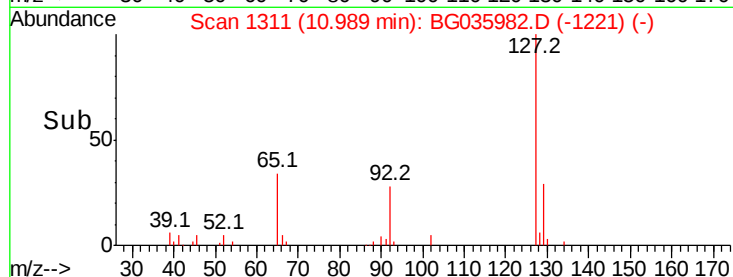
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

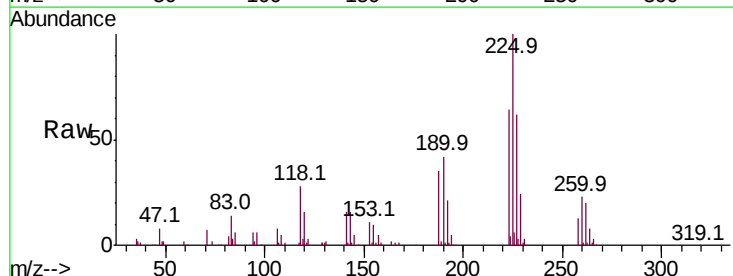
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 46.561 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion:	225	Resp:	94386
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	61.5	48.1	72.1

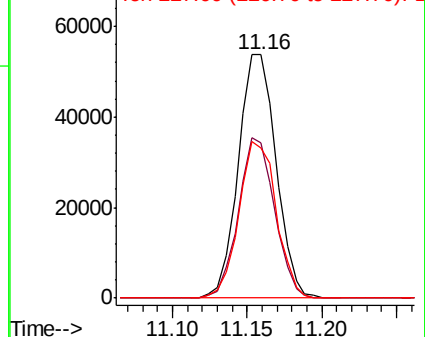
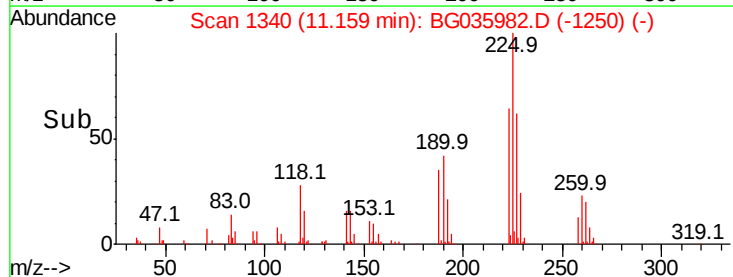


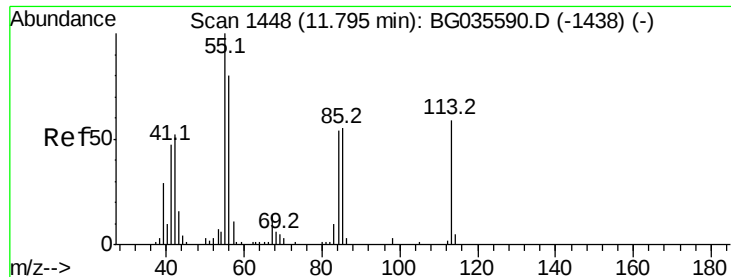
Abundance

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: 29.633 ng

RT: 11.76 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampled :

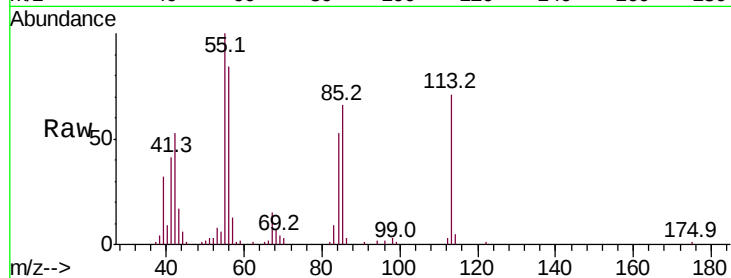
Tot Ion:113 Resp: 26960

Ion Ratio Lower Upper

113 100

55 141.4 186.9 226.9#

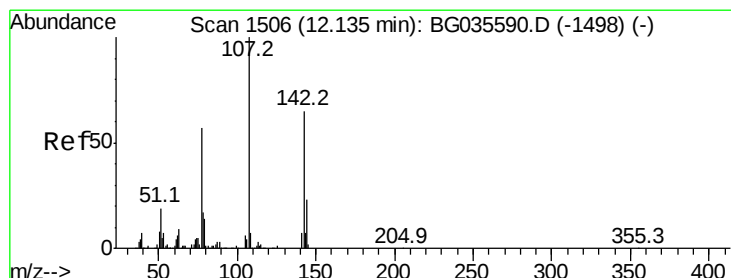
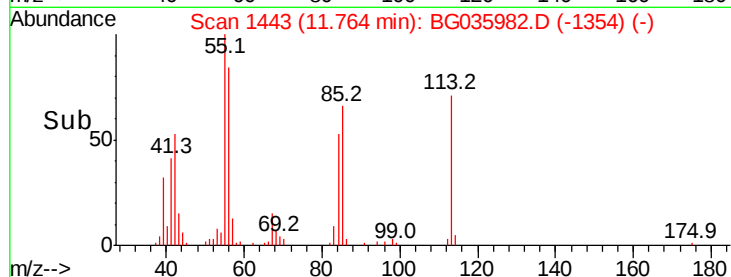
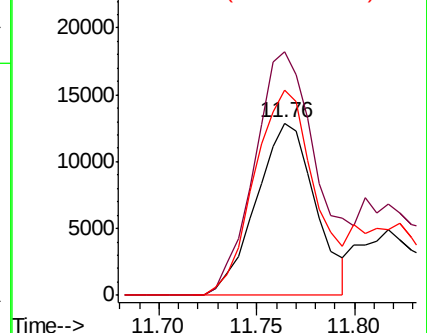
56 119.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.446 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

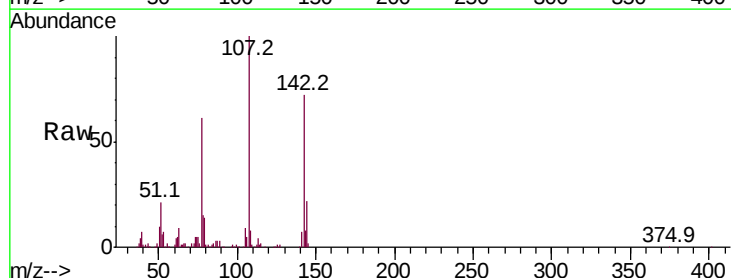
Tgt Ion:107 Resp: 149038

Ion Ratio Lower Upper

107 100

144 21.9 18.2 27.4

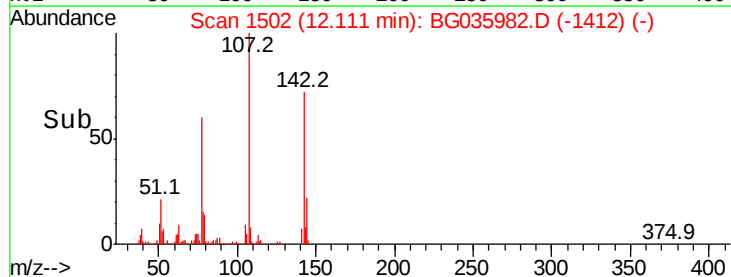
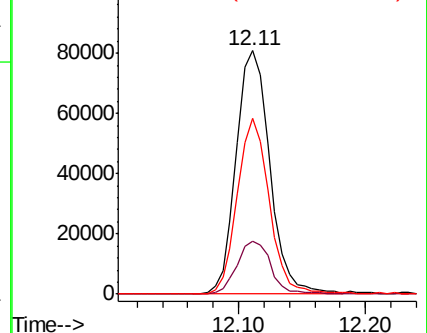
142 72.1 59.0 88.4

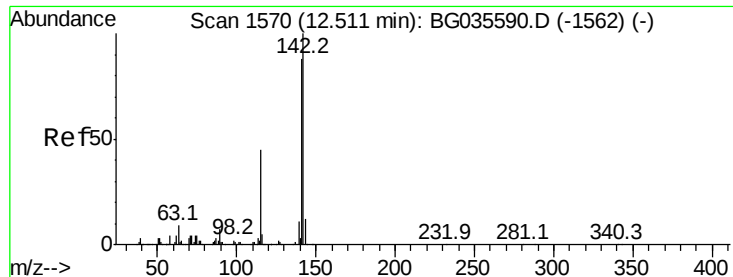


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.150 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

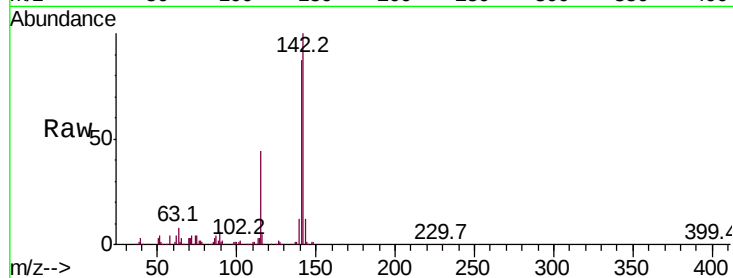
Tot Ion:142 Resp: 249755

Ion Ratio Lower Upper

142 100

141 87.1 67.1 100.7

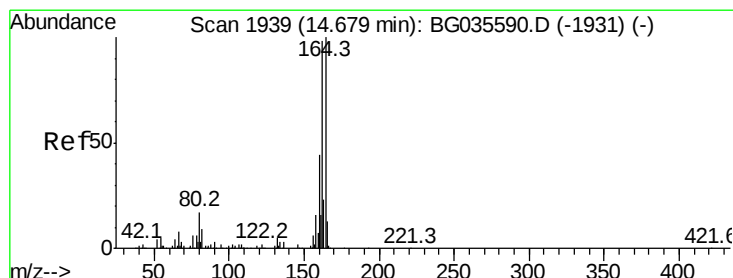
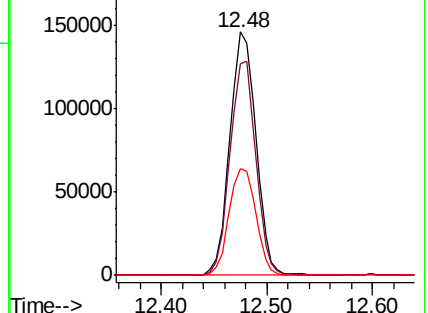
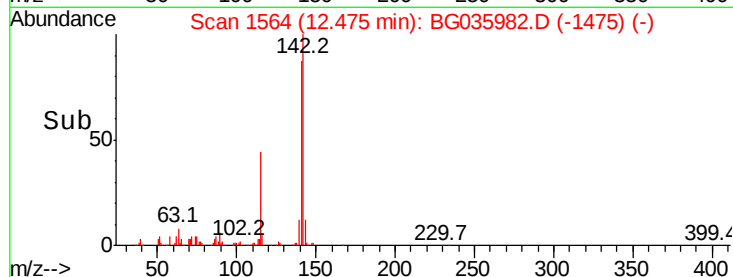
115 44.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

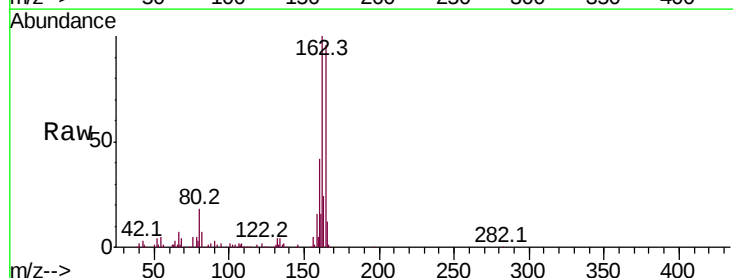
Tgt Ion:164 Resp: 97328

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

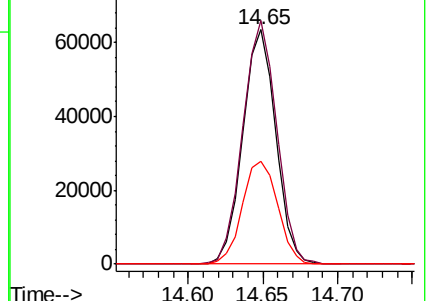
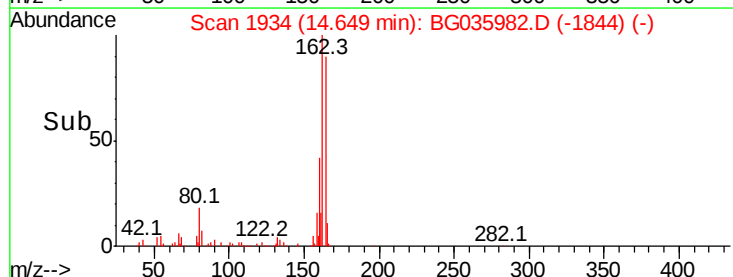
160 44.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.954 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 168813

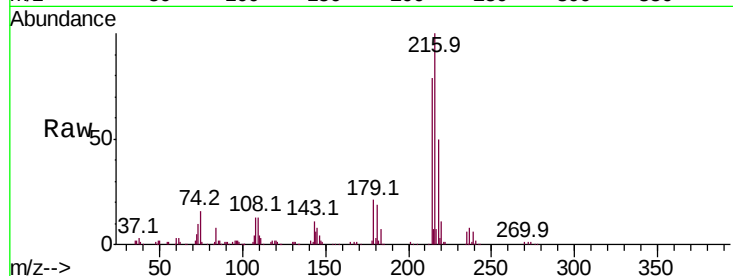
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 20.5 17.0 25.6

108 16.6 12.8 19.2

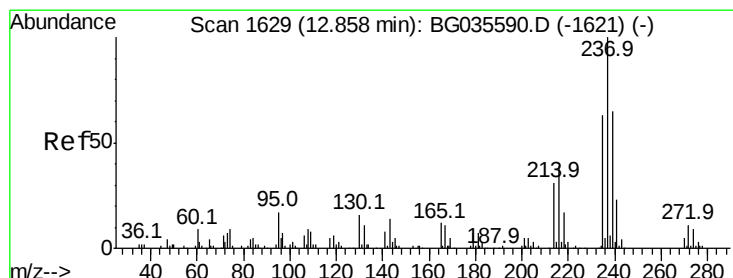
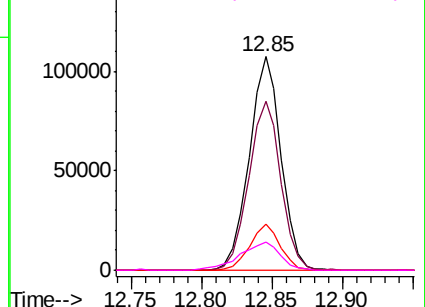
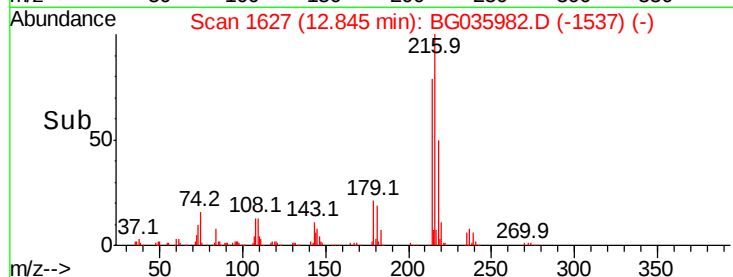


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 105.787 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

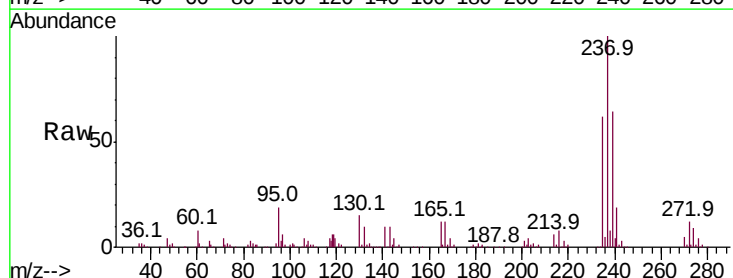
Tgt Ion:237 Resp: 203802

Ion Ratio Lower Upper

237 100

235 62.4 50.4 90.4

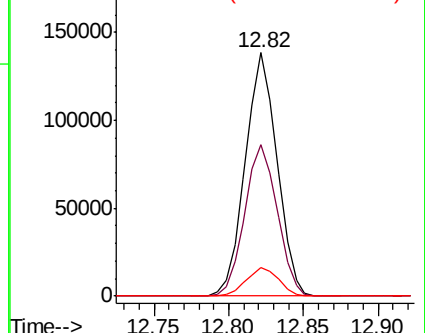
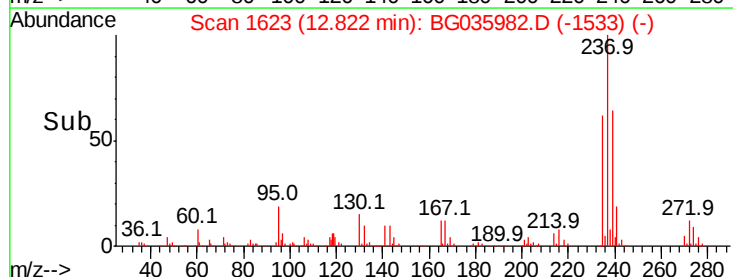
272 11.6 0.0 31.8



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

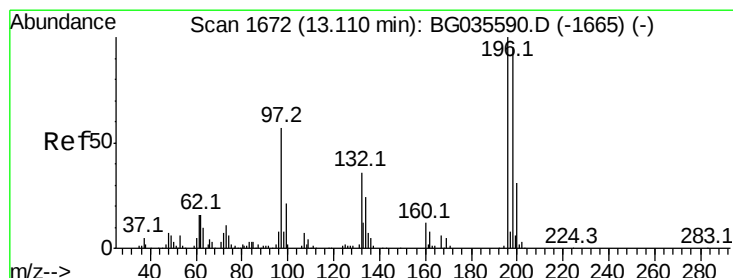
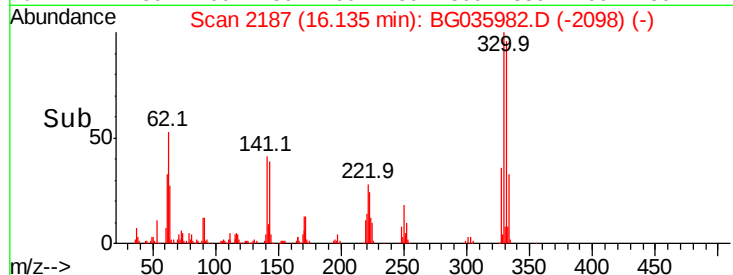
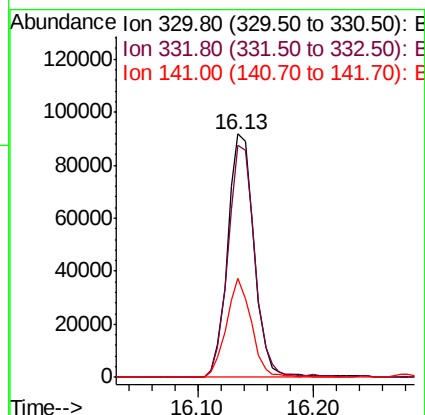
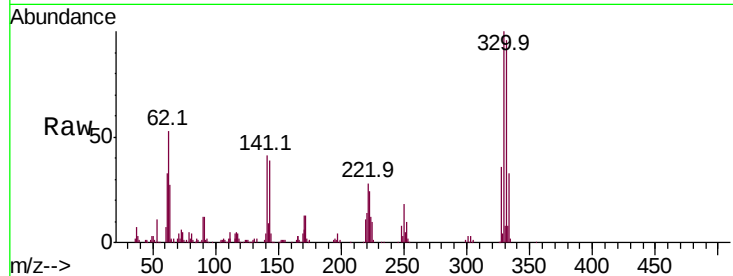




#41
 2,4,6-Tribromophenol
 Concen: 113.475 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

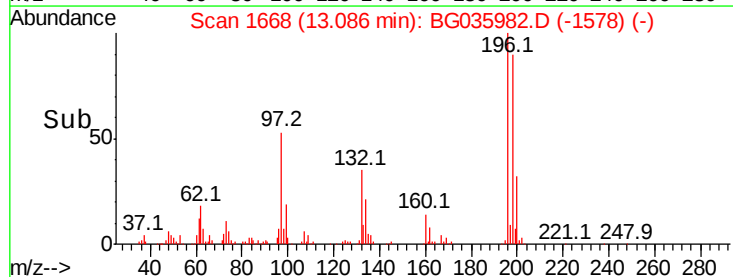
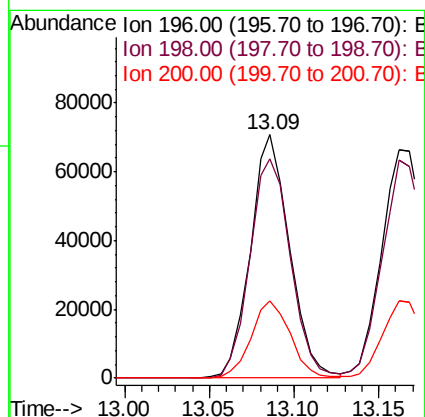
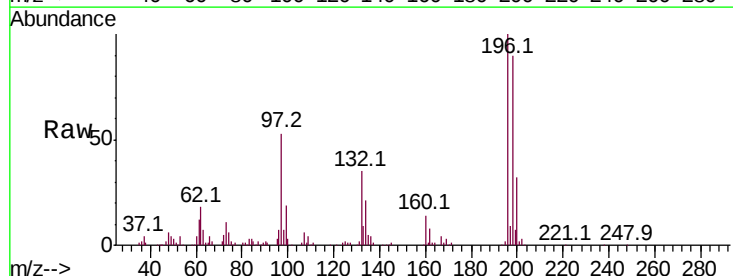
Instrument :
 BNA_G
 ClientSampleId :

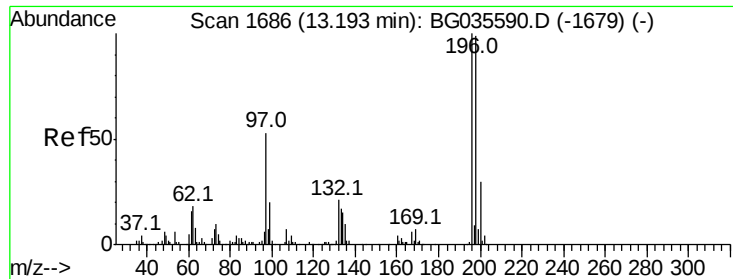
Tot Ion:330 Resp: 145571
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.4 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 53.012 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion:196 Resp: 113885
 Ion Ratio Lower Upper
 196 100
 198 89.9 78.2 117.2
 200 31.9 24.6 36.8

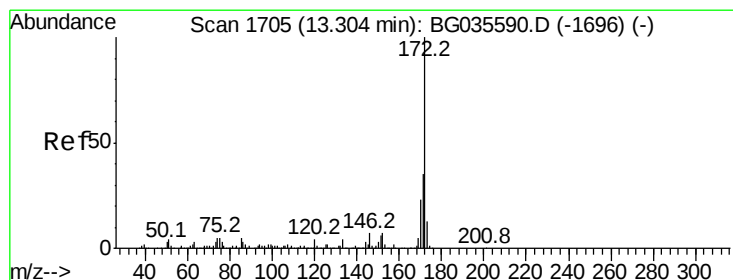
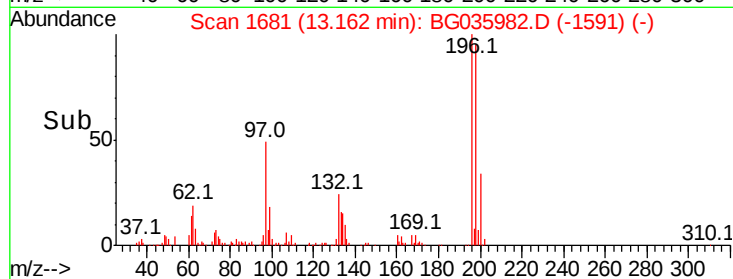
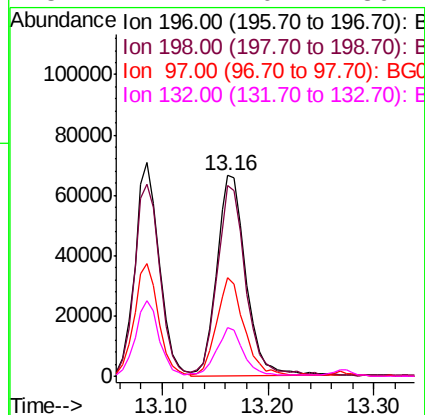
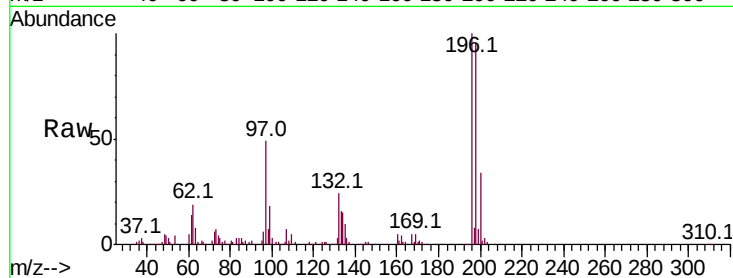




#43
 2,4,5-Trichlorophenol
 Concen: 53.211 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

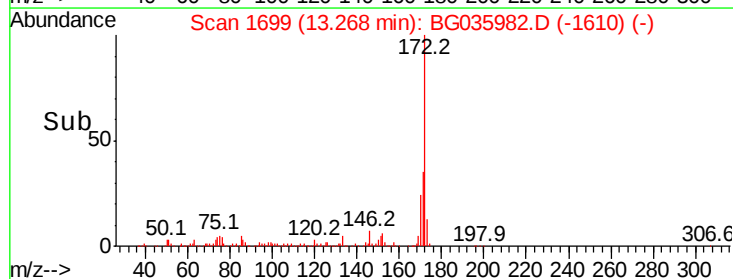
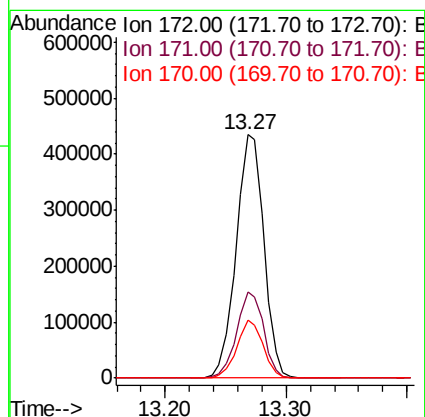
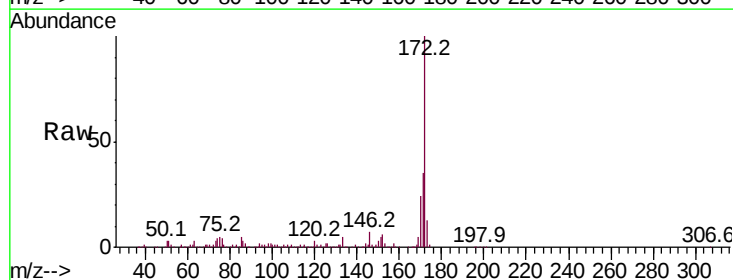
Instrument :
 BNA_G
 ClientSampleId :

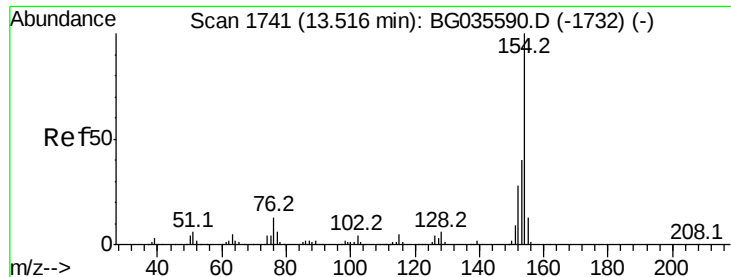
Tot Ion:	196	Resp:	127879
Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.4
97	49.2	38.7	58.1
132	24.4	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 95.614 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion:	172	Resp:	694605
Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.7	19.5	29.3

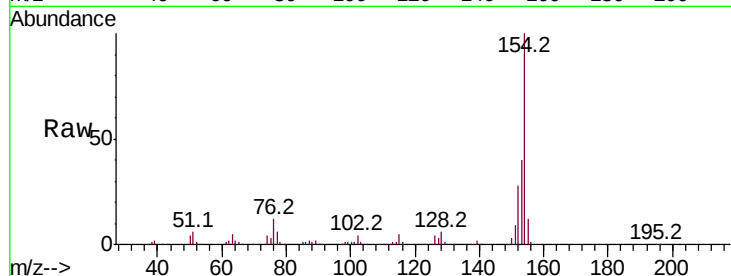




#45
 1,1'-Biphenyl
 Concen: 46.332 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.8	59.8
76	12.3	0.0	31.9

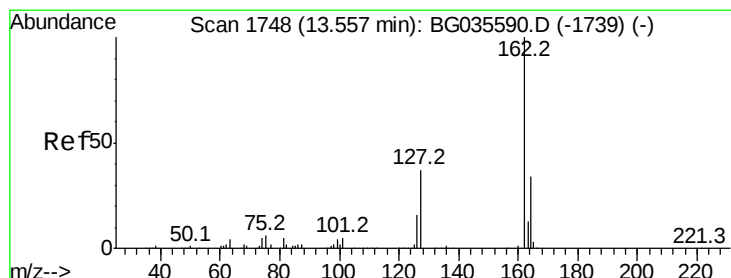
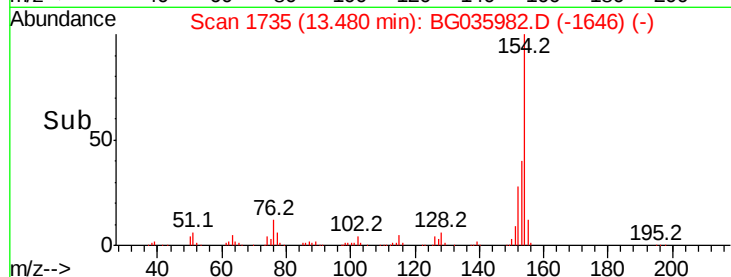
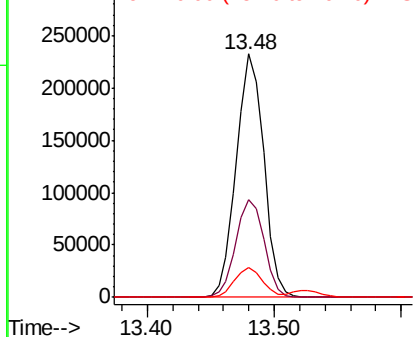


Abundance

Ion 154.00 (153.70 to 154.70): E

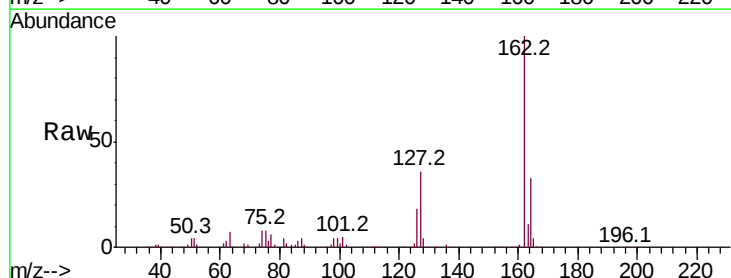
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 47.470 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.9	30.7	46.1
164	32.8	26.0	39.0

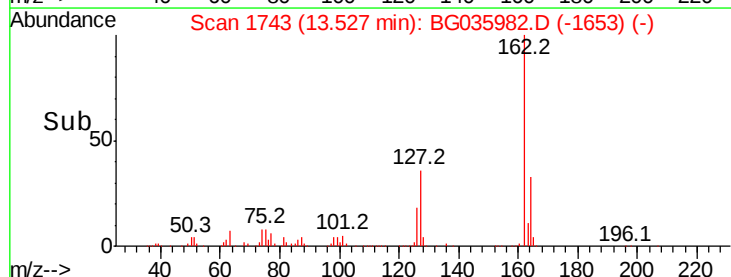
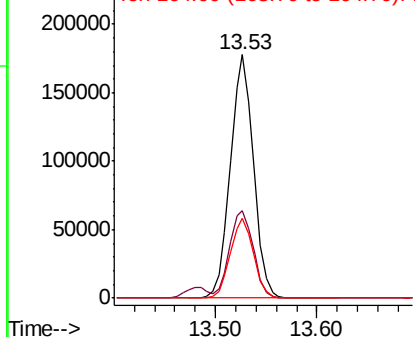


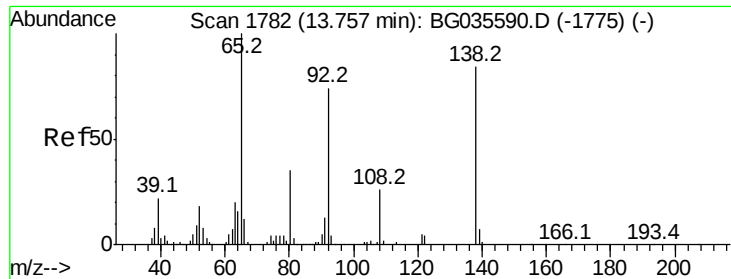
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

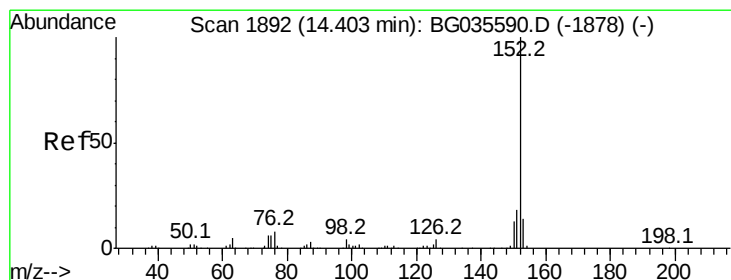
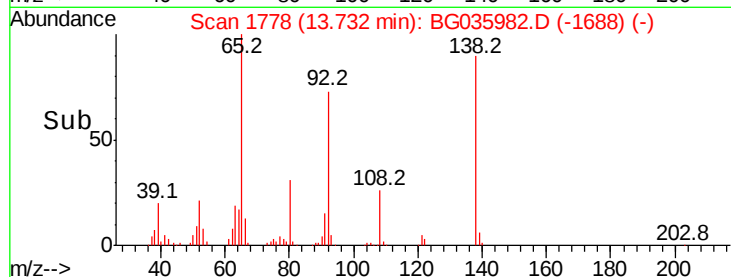
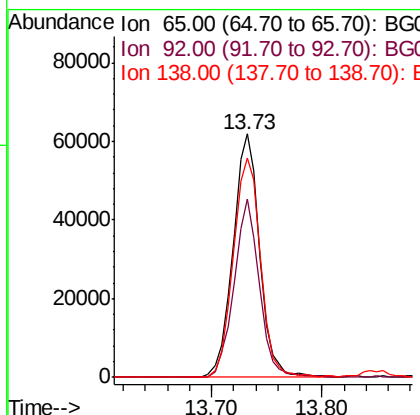
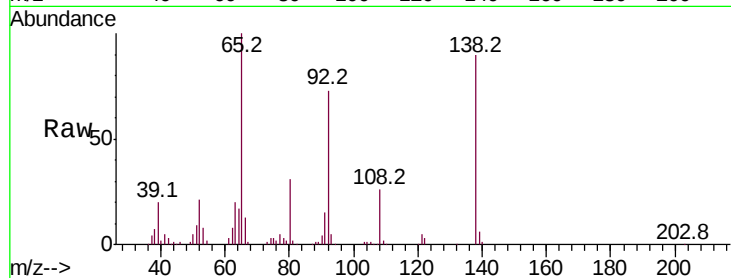




#47
2-Nitroaniline
Concen: 50.440 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

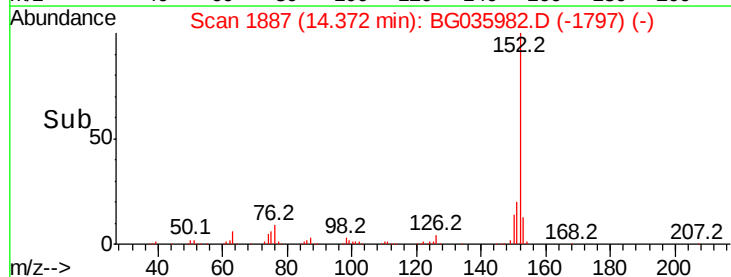
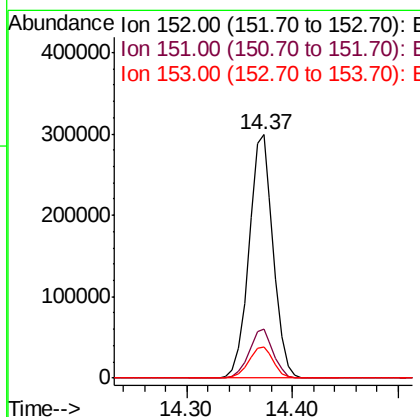
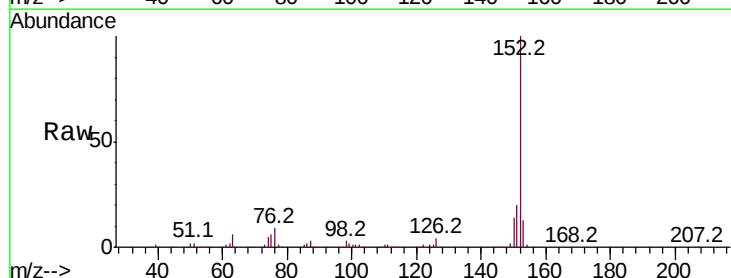
Instrument :
BNA_G
ClientSampleId :

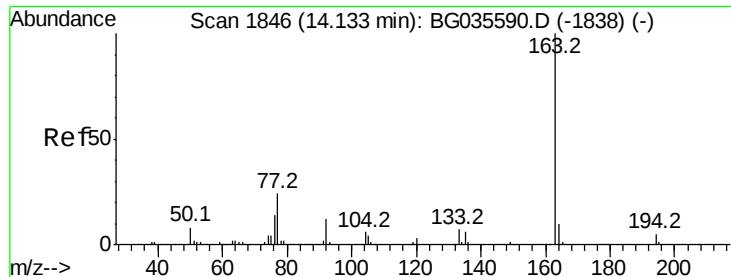
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	54.6	82.0
138	90.1	72.9	109.3



#48
Acenaphthylene
Concen: 48.125 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	12.7	10.2	15.4





#49

Dimethylphthalate

Concen: 47.234 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

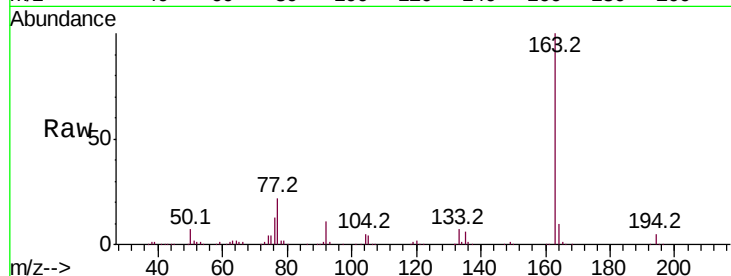
Tot Ion:163 Resp: 402778

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

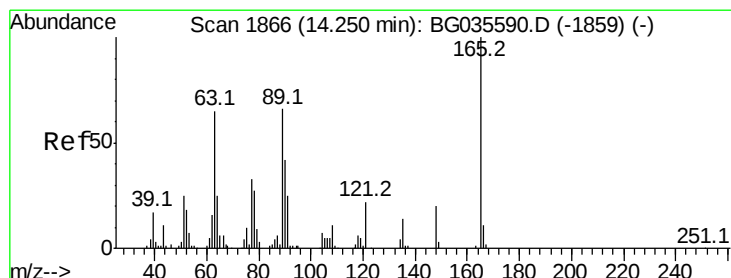
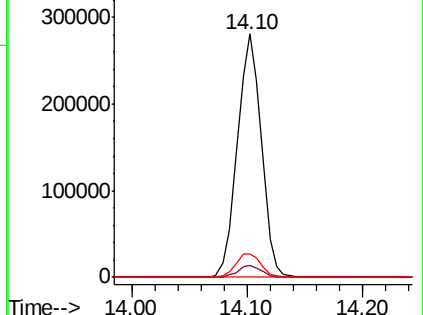
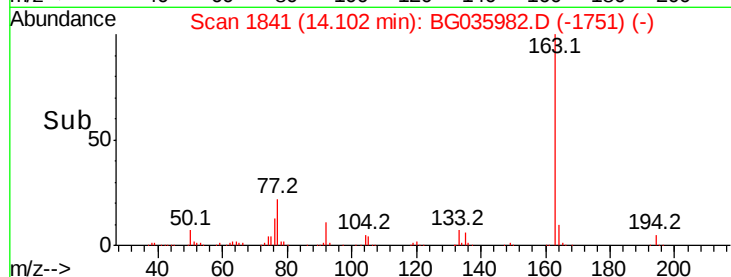
164 9.7 8.2 12.4



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: 53.779 ng

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

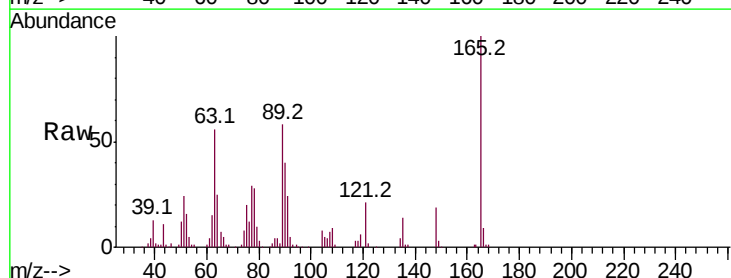
Tgt Ion:165 Resp: 93386

Ion Ratio Lower Upper

165 100

63 56.0 52.7 79.1

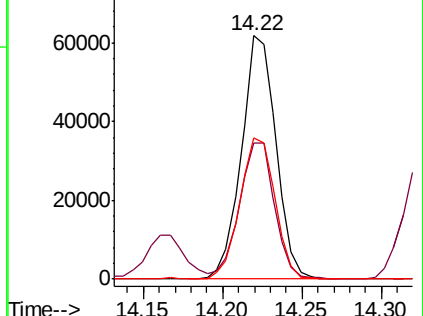
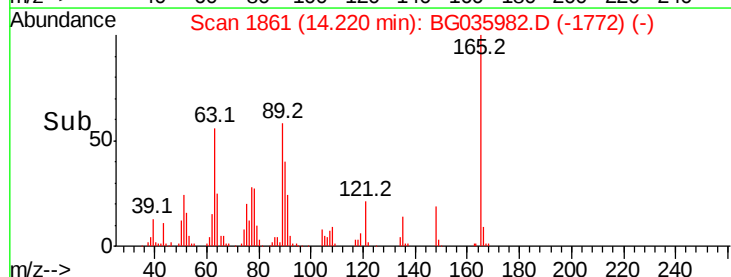
89 58.0 49.2 73.8

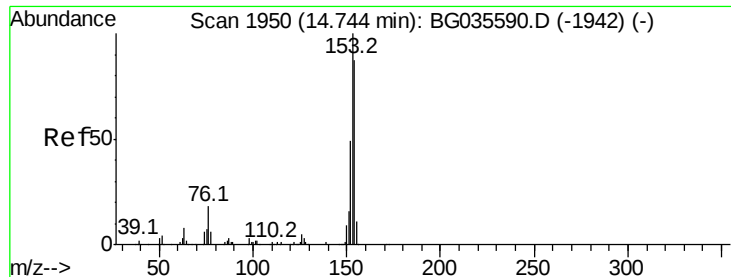


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.840 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

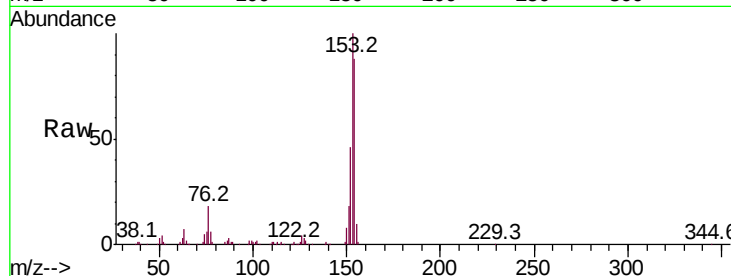
Tot Ion:154 Resp: 274633

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

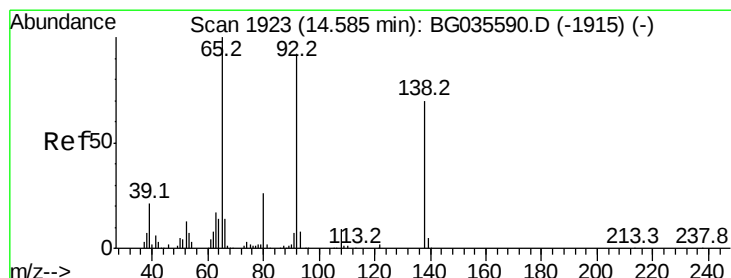
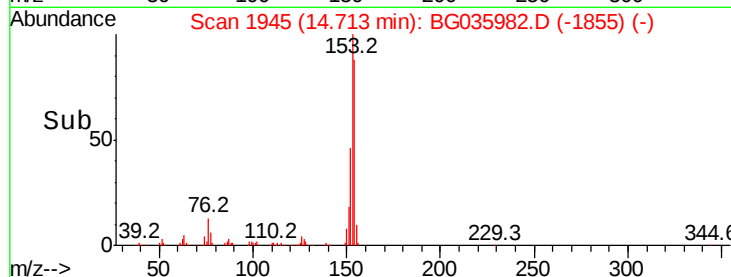
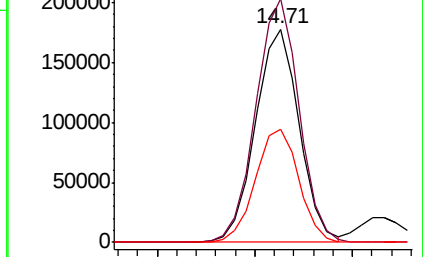
152 52.9 41.6 62.4



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: 22.477 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

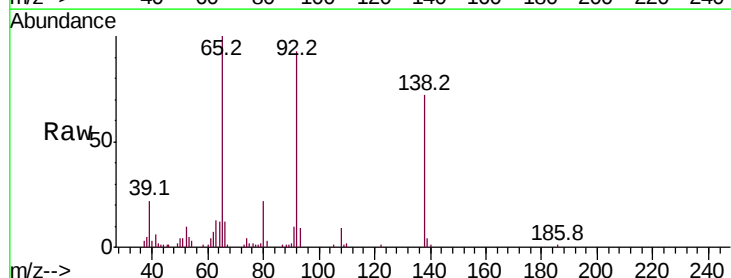
Tgt Ion:138 Resp: 39893

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

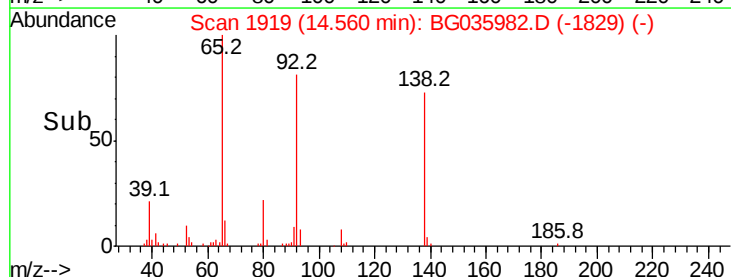
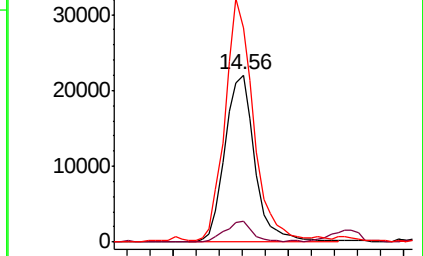
92 128.1 105.8 158.8

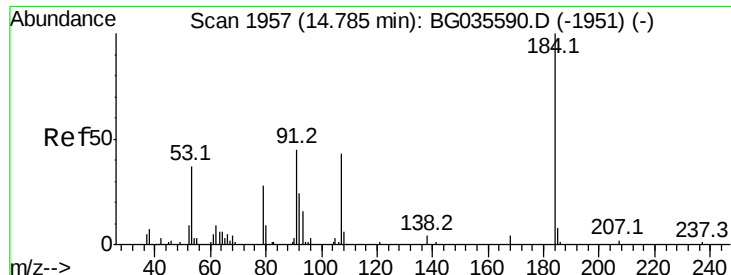


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

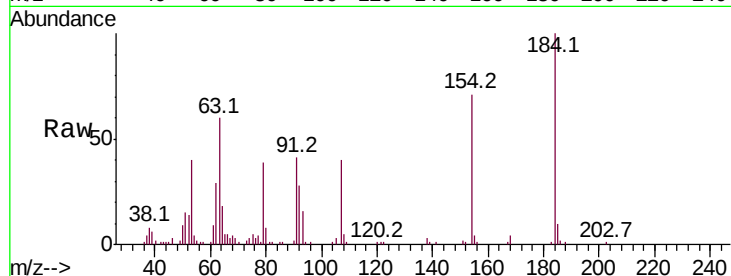




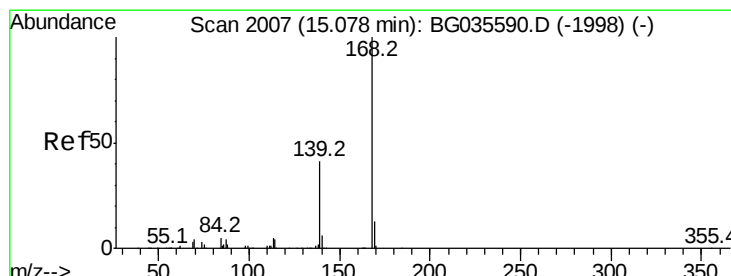
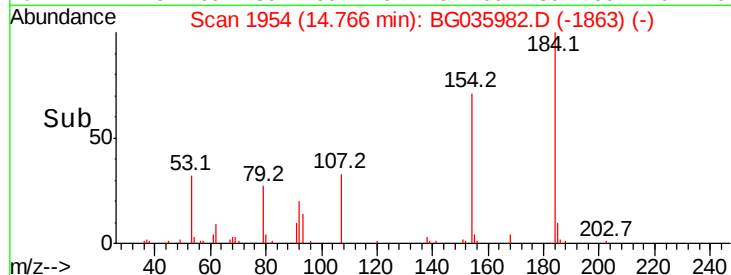
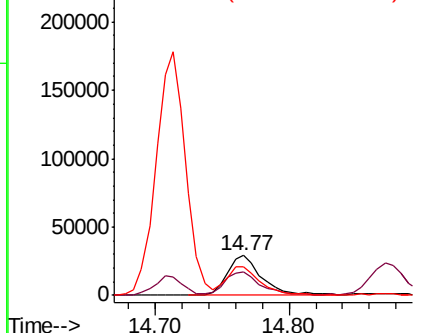
#53
 2,4-Dinitrophenol
 Concen: 61.329 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 53270
 Ion Ratio Lower Upper
 184 100
 63 60.0 59.8 89.8
 154 71.1 101.8 152.8#

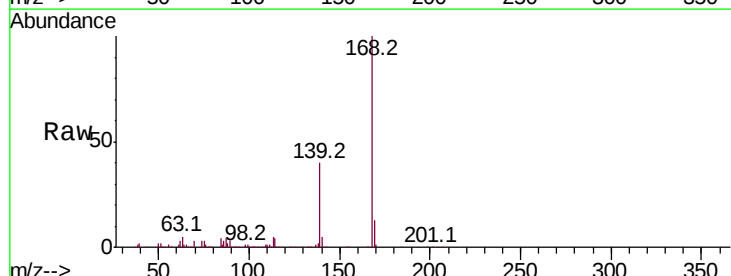


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

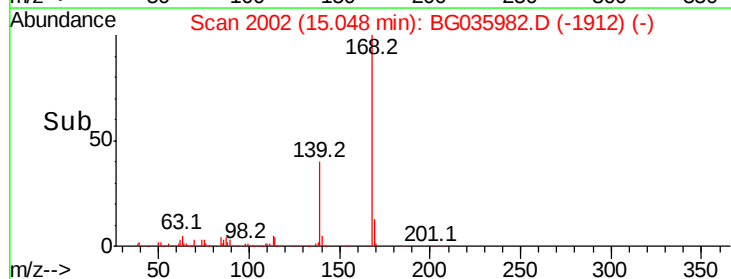
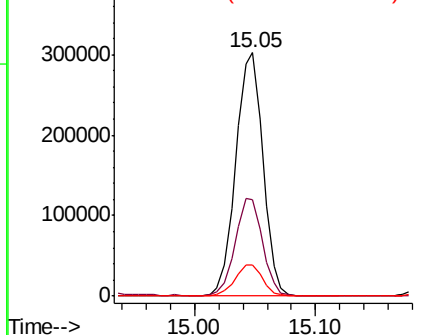


#54
 Dibenzofuran
 Concen: 48.786 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion:168 Resp: 475208
 Ion Ratio Lower Upper
 168 100
 139 39.6 28.6 43.0
 169 12.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

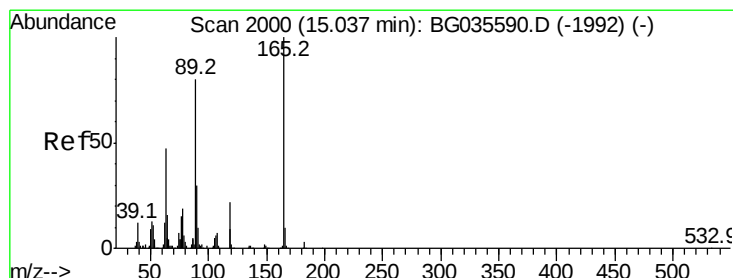
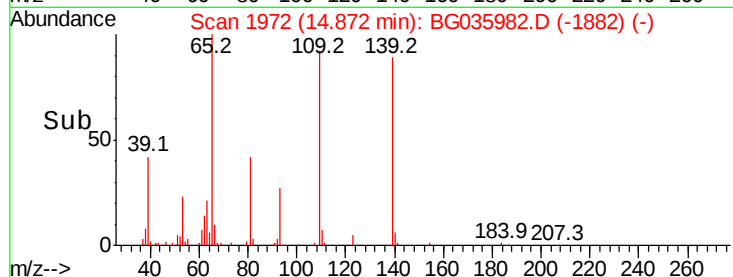
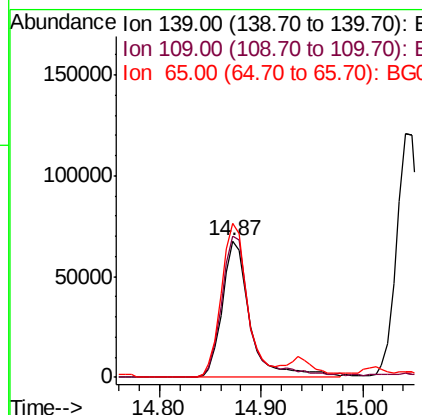
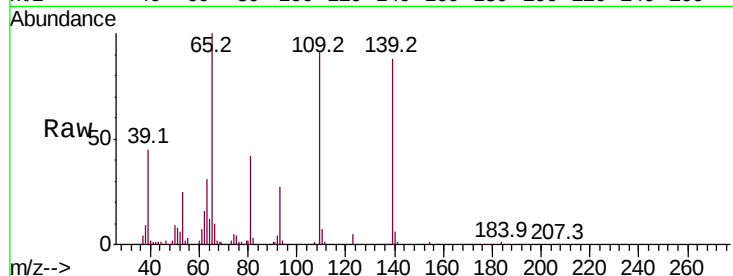




#55
4-Nitrophenol
Concen: 101.941 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

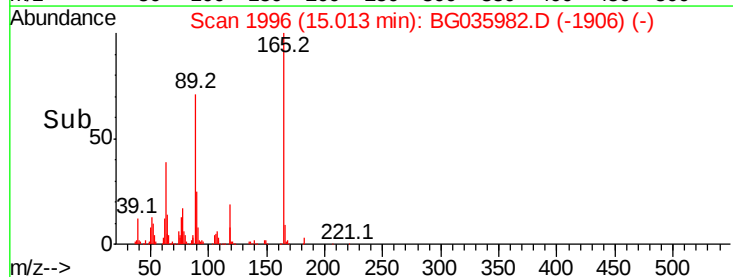
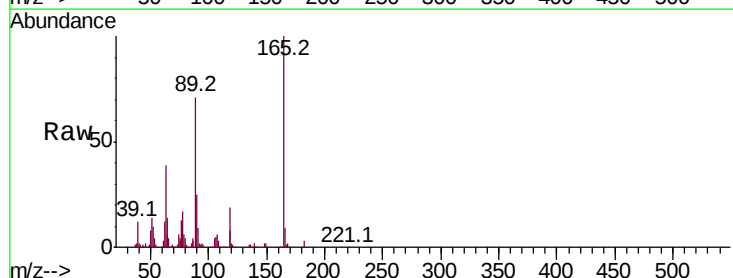
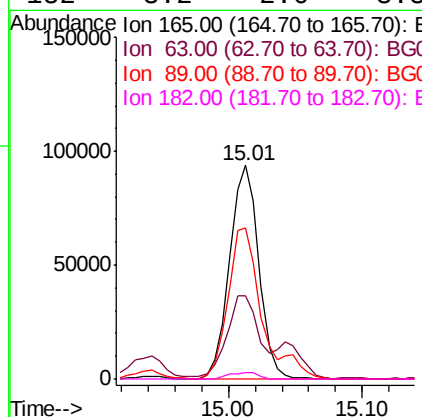
Instrument :
BNA_G
ClientSampleId :

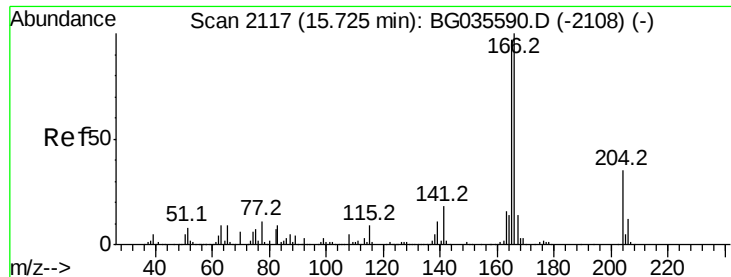
Tot Ion:139 Resp: 128849
Ion Ratio Lower Upper
139 100
109 103.0 62.2 102.2#
65 113.1 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 57.501 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion:165 Resp: 143249
Ion Ratio Lower Upper
165 100
63 38.8 42.0 63.0#
89 70.9 66.9 100.3
182 3.2 2.6 3.8

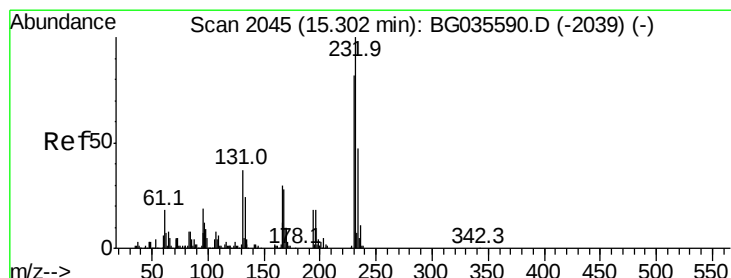
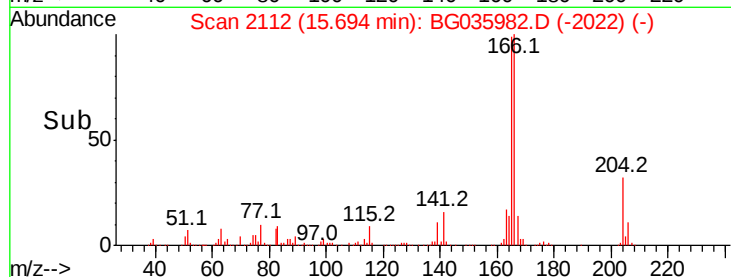
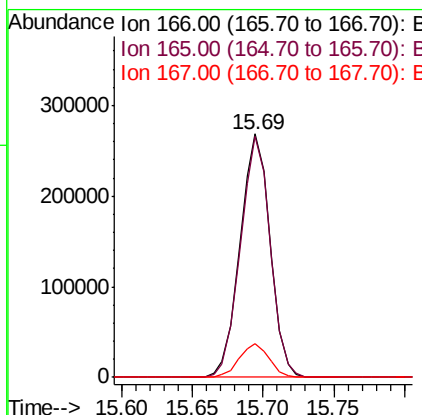
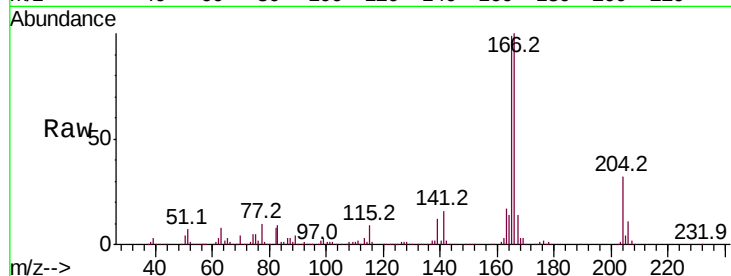




#57
 Fluorene
 Concen: 48.851 ng
 RT: 15.69 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

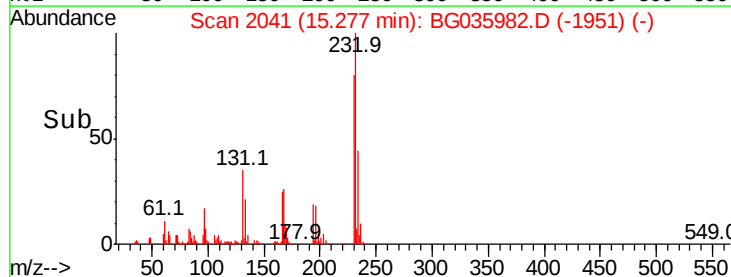
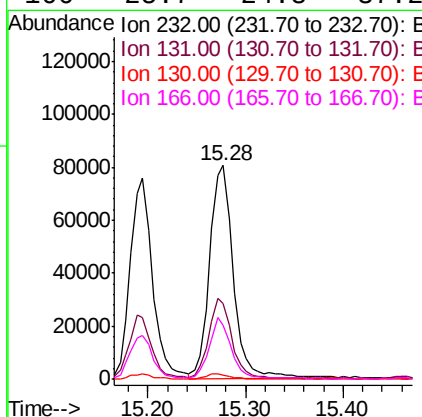
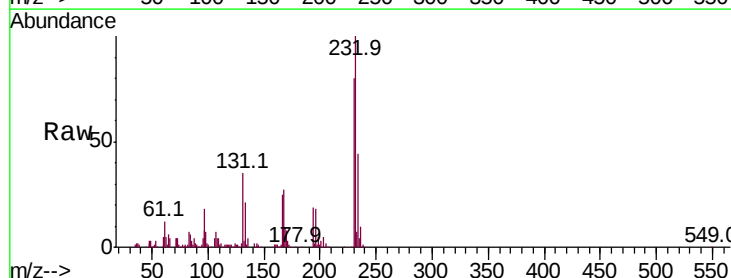
Instrument :
 BNA_G
 ClientSampleId :

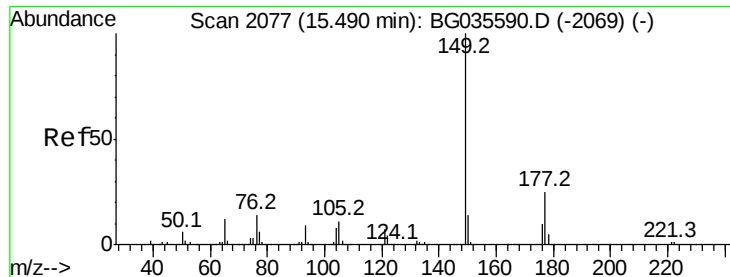
Tot Ion:166 Resp: 398821
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.6 121.0
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.712 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion:232 Resp: 135287
 Ion Ratio Lower Upper
 232 100
 131 35.5 33.5 50.3
 130 2.4 2.2 3.2
 166 25.7 24.8 37.2





#59

Diethylphthalate

Concen: 47.839 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

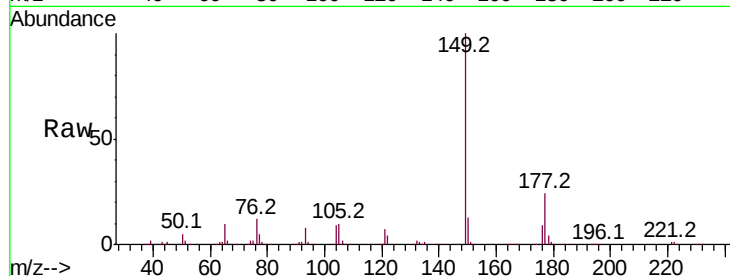
Tot Ion:149 Resp: 419471

Ion Ratio Lower Upper

149 100

177 23.9 18.5 27.7

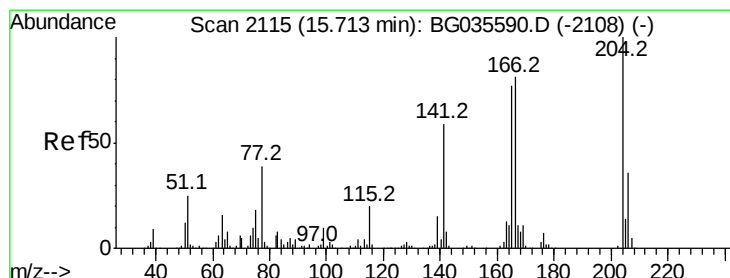
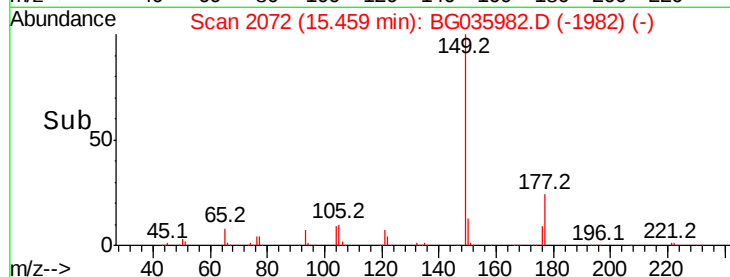
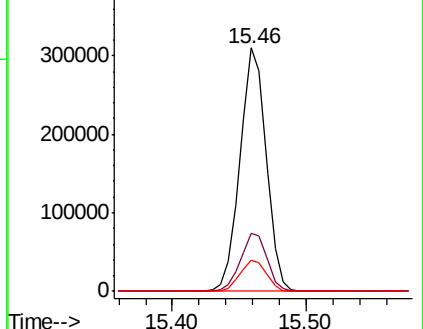
150 12.9 10.2 15.2



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: 49.267 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

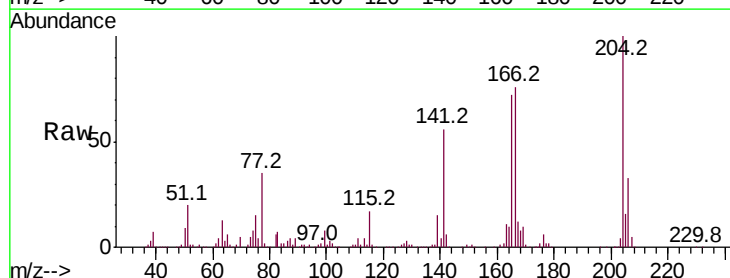
Tgt Ion:204 Resp: 236402

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

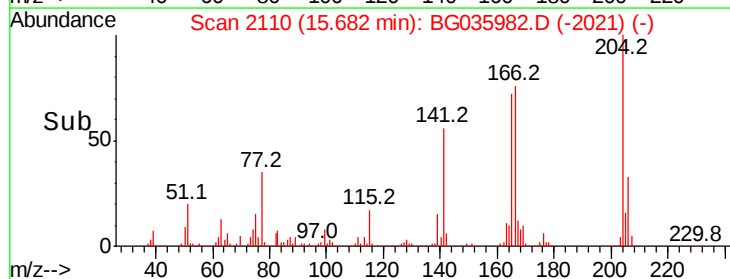
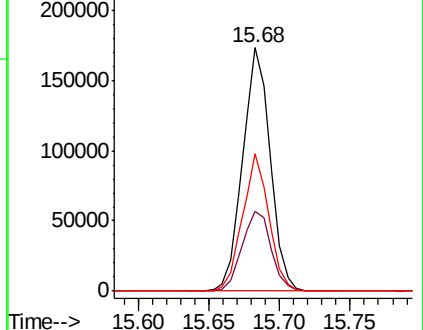
141 56.3 45.8 68.6

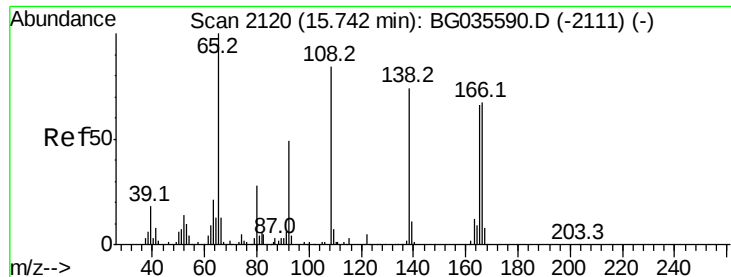


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

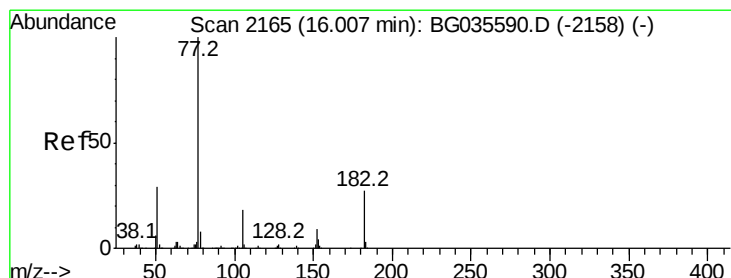
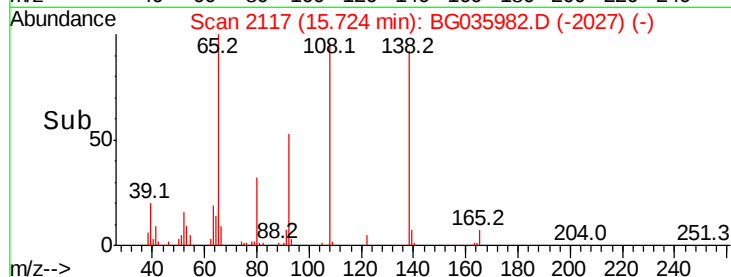
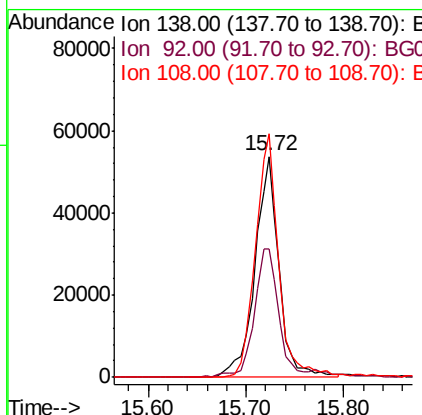
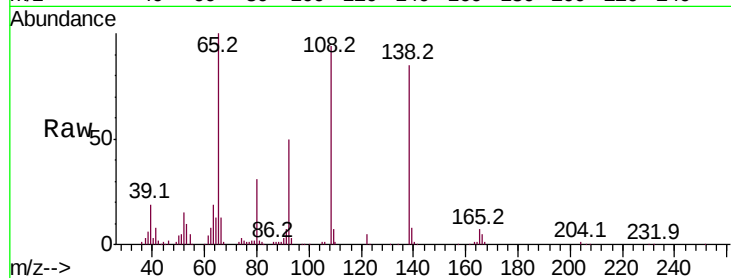




#61
4-Nitroaniline
Concen: 50.223 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

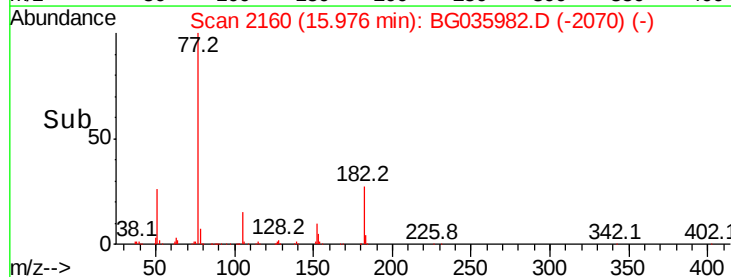
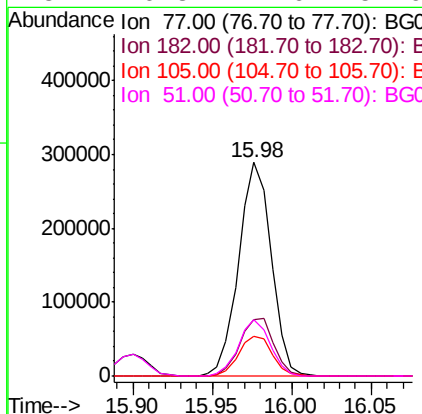
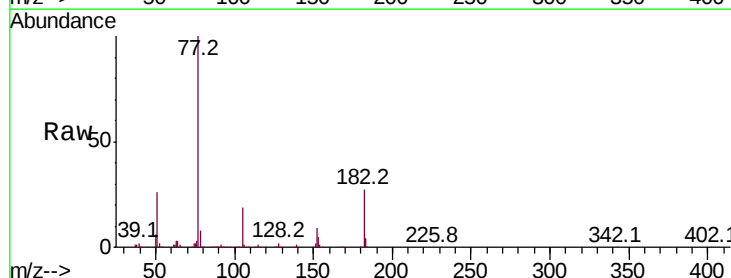
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 93241
Ion Ratio Lower Upper
138 100
92 58.1 40.1 80.1
108 110.2 65.4 105.4#



#62
Azobenzene
Concen: 47.527 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion: 77 Resp: 411057
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 18.7 0.3 40.3
51 26.3 11.6 51.6

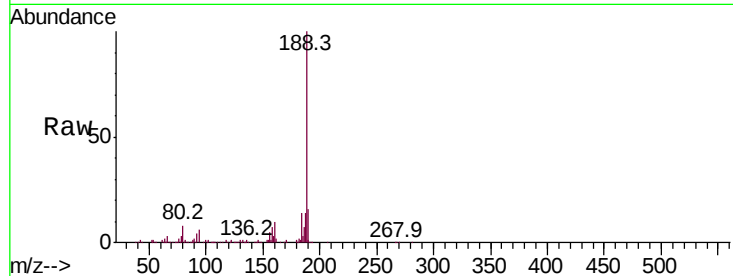




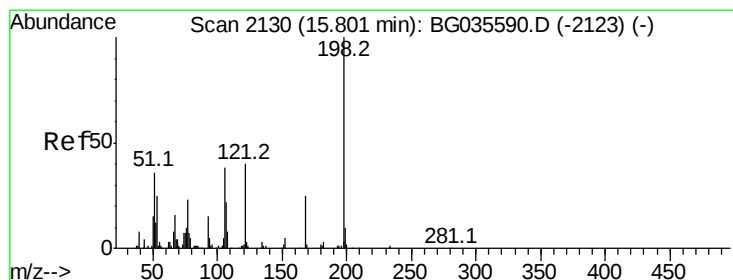
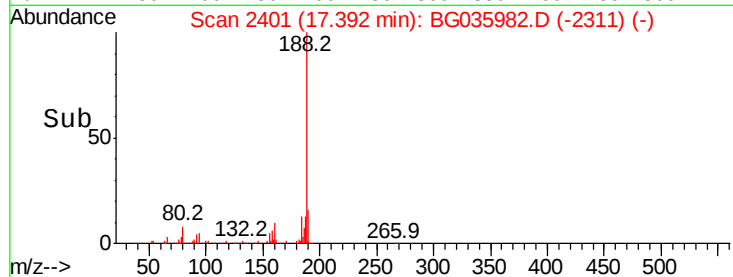
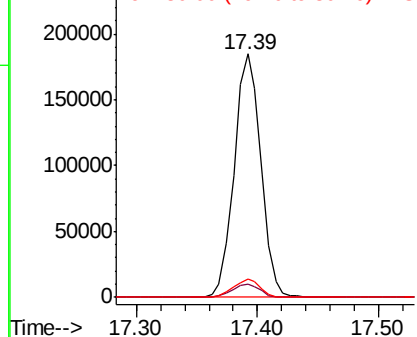
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 283276
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.7 7.7 11.5

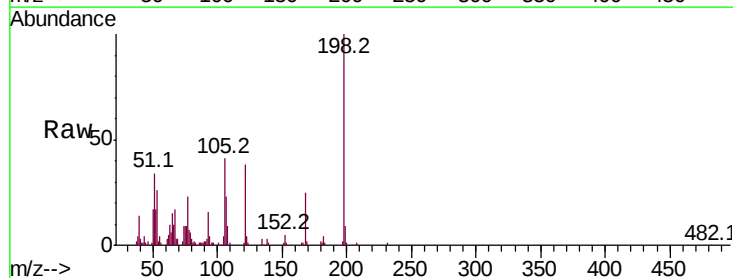


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

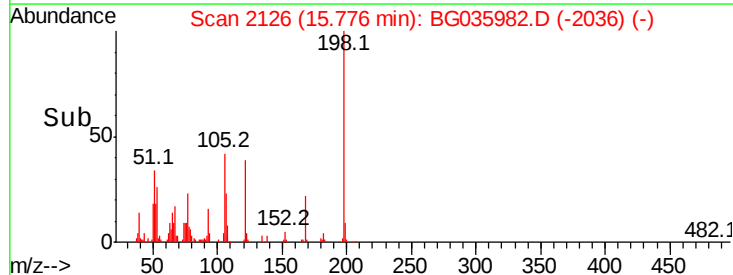
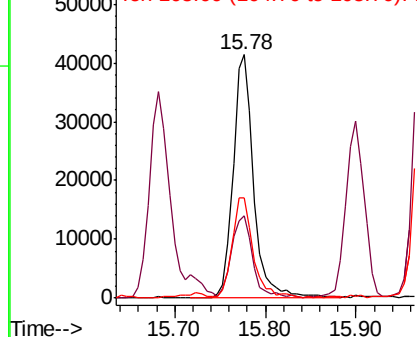


#64
4,6-Dinitro-2-methylphenol
Concen: 41.696 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG035982.D
Acq: 30 Jul 2018 18:55

Tgt Ion:198 Resp: 65750
Ion Ratio Lower Upper
198 100
51 33.6 30.6 70.6
105 41.4 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

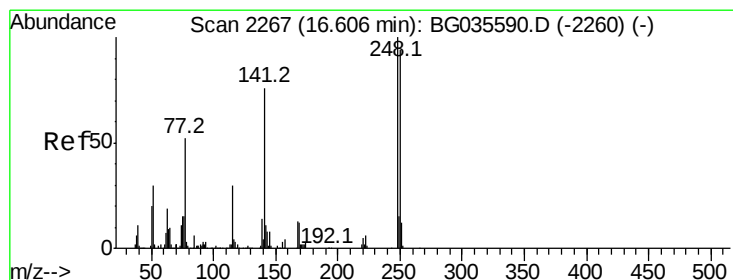
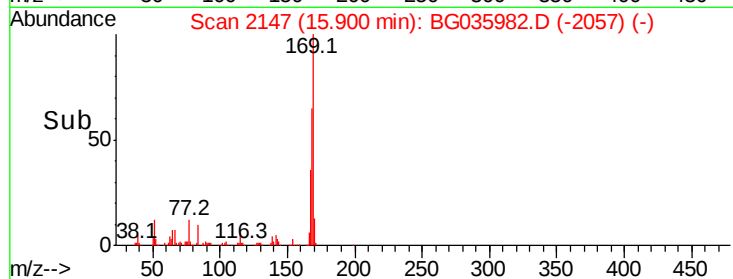
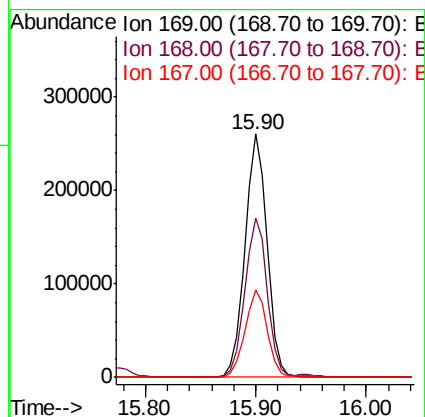
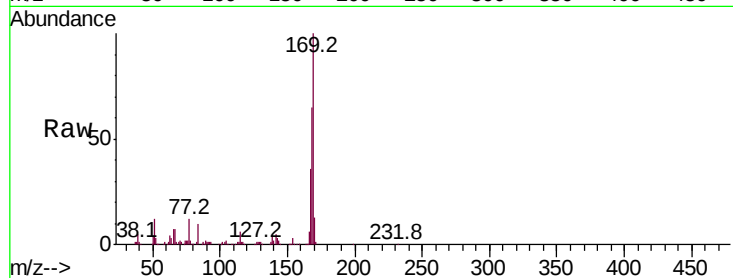




#65
 n-Nitrosodiphenylamine
 Concen: 45.436 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

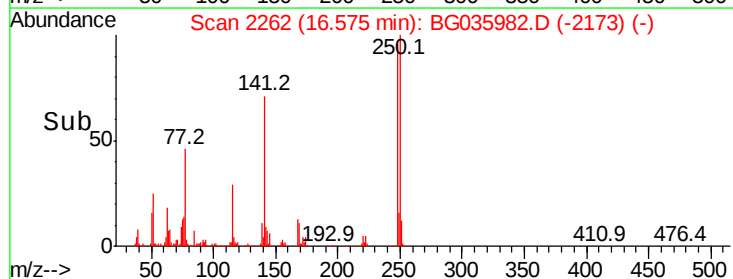
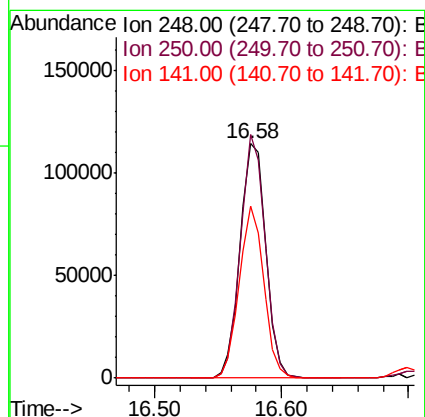
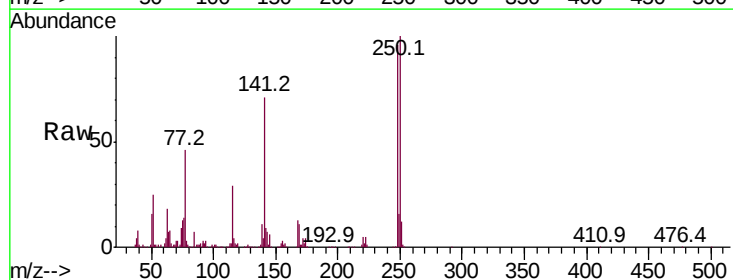
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.1	55.7	83.5
167	36.0	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 48.798 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	104.0	77.1	115.7
141	73.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 49.455 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

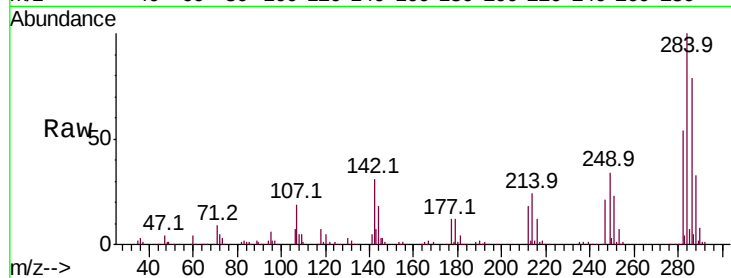
Tot Ion:284 Resp: 167378

Ion Ratio Lower Upper

284 100

142 30.7 26.8 40.2

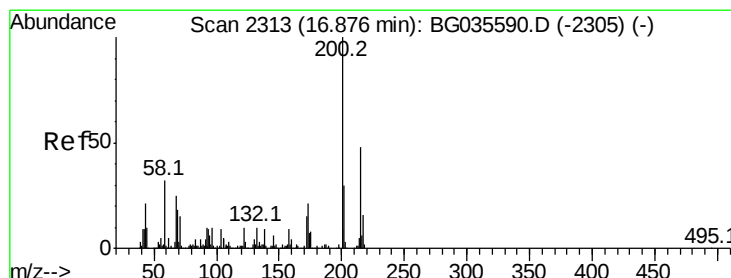
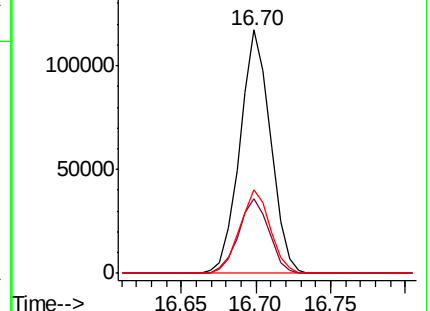
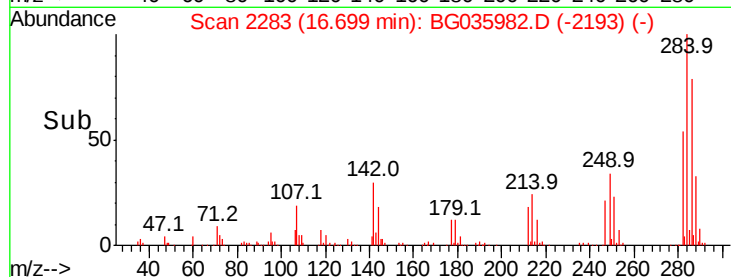
249 34.2 26.3 39.5



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: 51.969 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

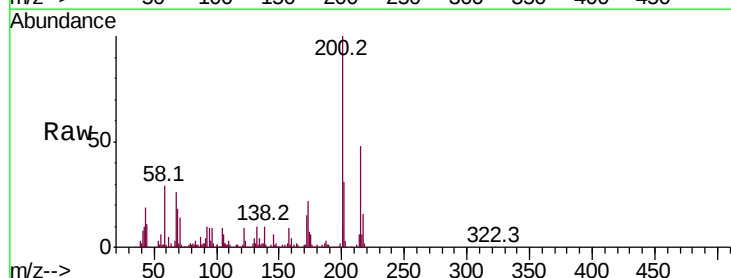
Tgt Ion:200 Resp: 172529

Ion Ratio Lower Upper

200 100

173 21.5 5.2 45.2

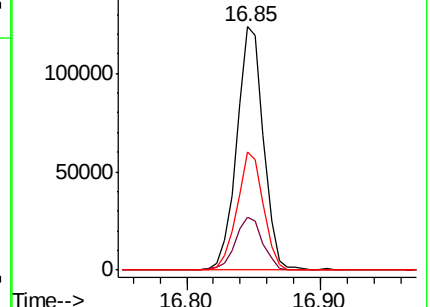
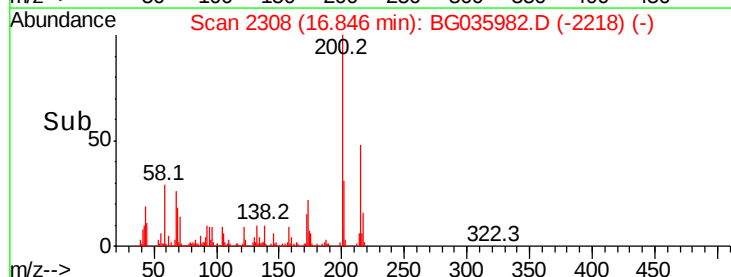
215 48.4 30.4 70.4

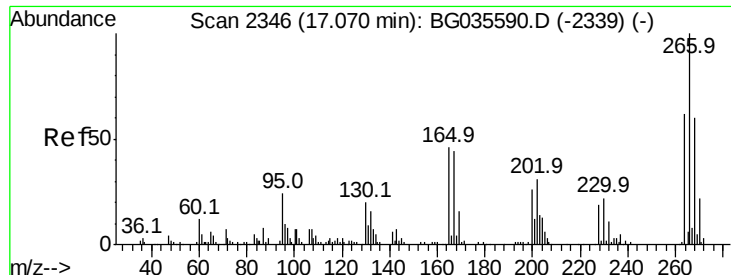


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

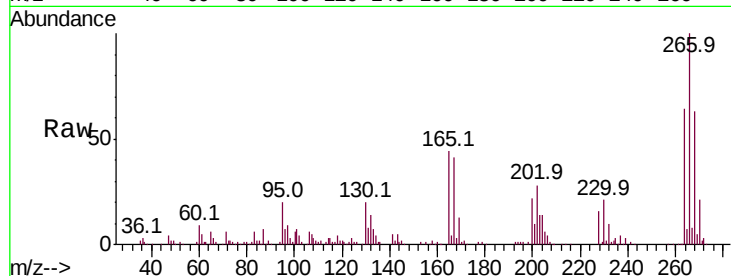




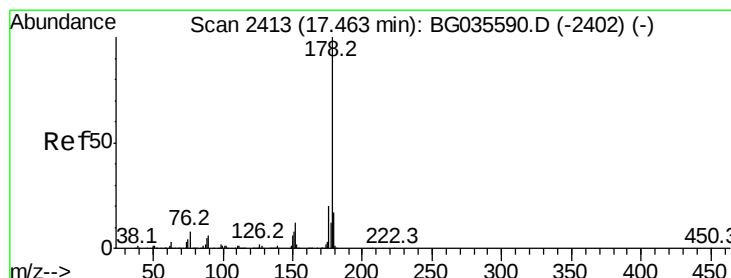
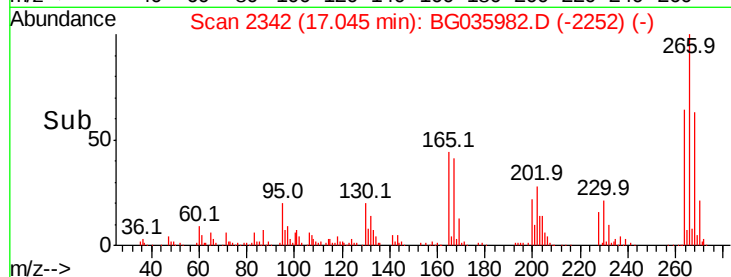
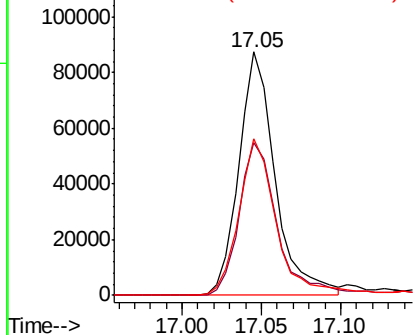
#69
 Pentachlorophenol
 Concen: 67.347 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	64.5	49.6	74.4

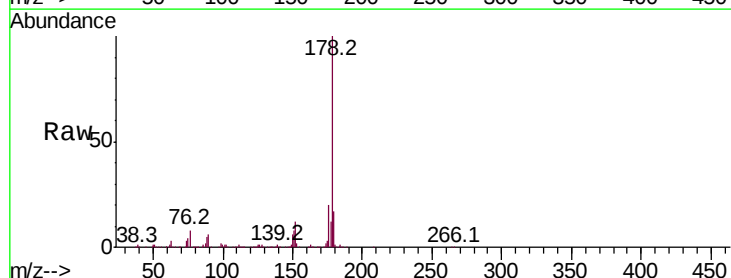


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

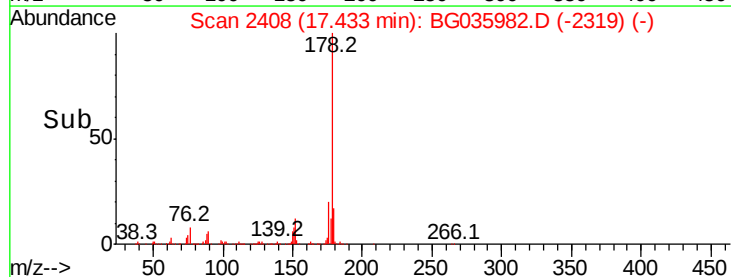
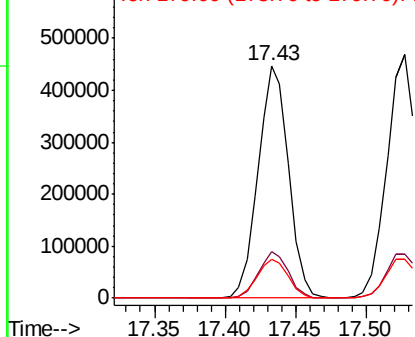


#70
 Phenanthrene
 Concen: 47.883 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.7	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

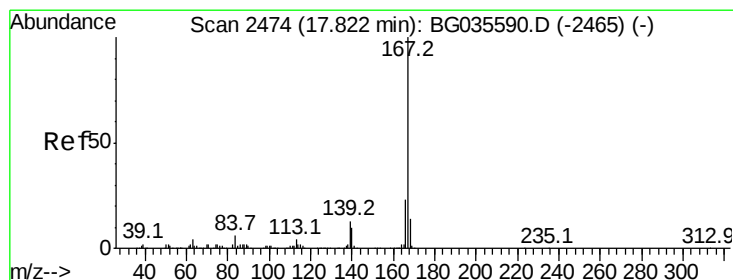
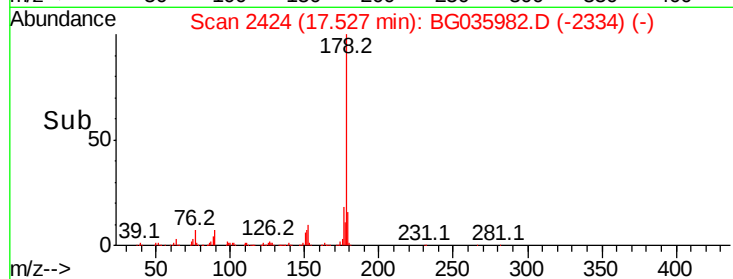
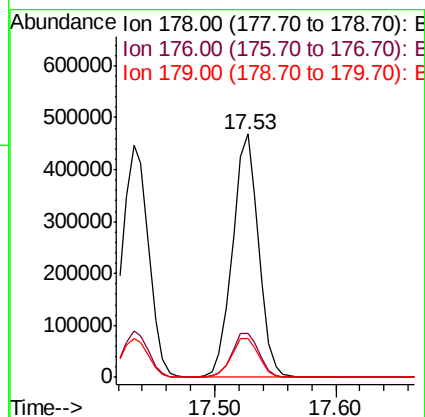
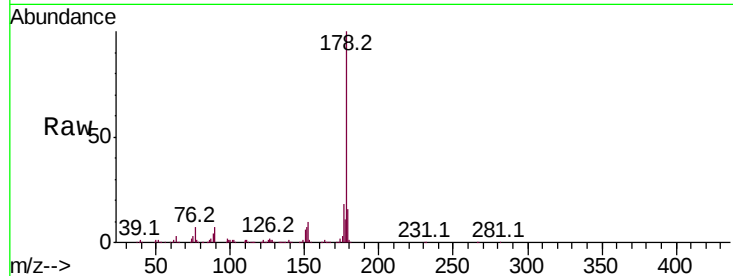




#71
 Anthracene
 Concen: 49.645 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

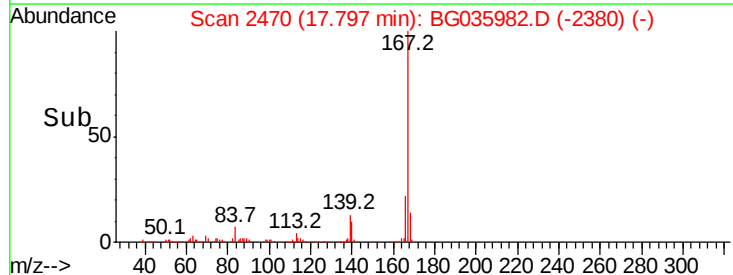
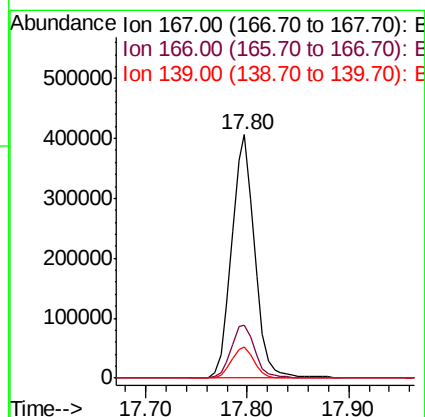
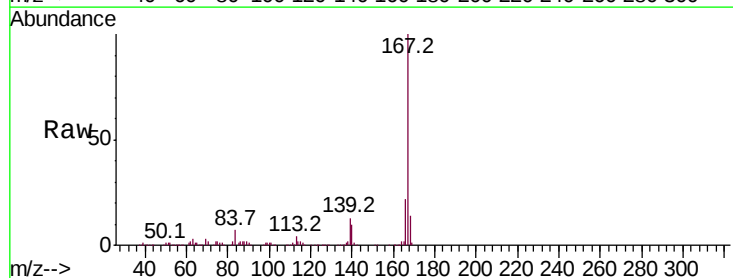
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	16.1	12.5	18.7



#72
 Carbazole
 Concen: 47.540 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.831 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG035982.D

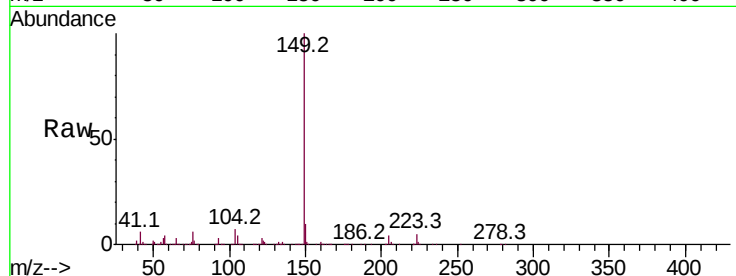
Acq: 30 Jul 2018 18:55

Instrument :

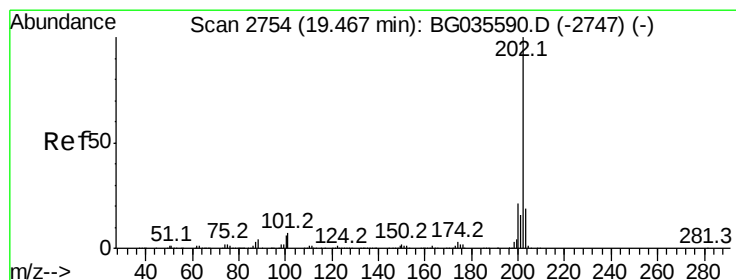
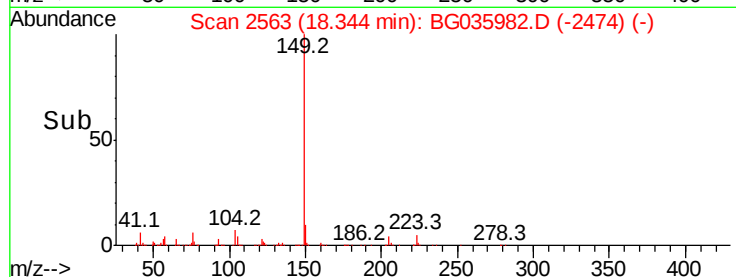
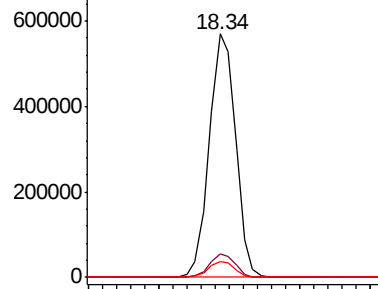
BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	739716
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.5	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: 48.377 ng

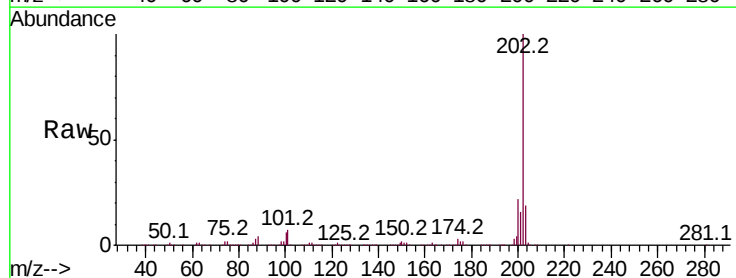
RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

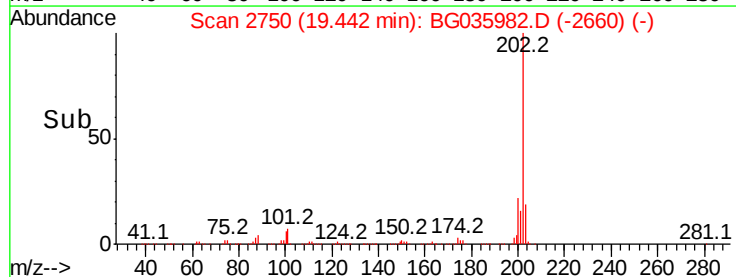
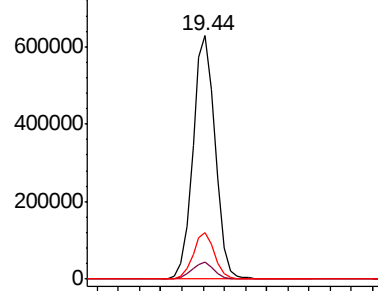
Lab File: BG035982.D

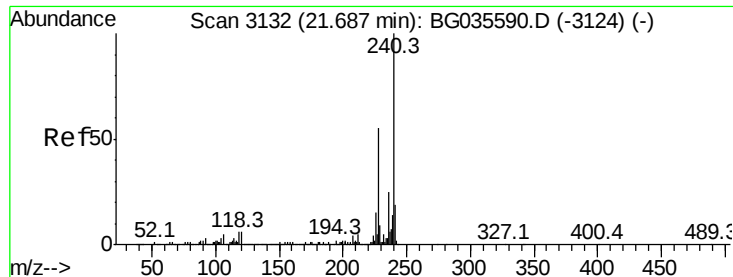
Acq: 30 Jul 2018 18:55

Tgt Ion:	202	Resp:	921080
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	19.3	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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

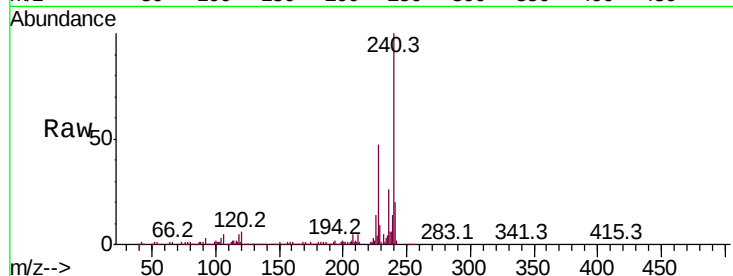
Tot Ion:240 Resp: 303983

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

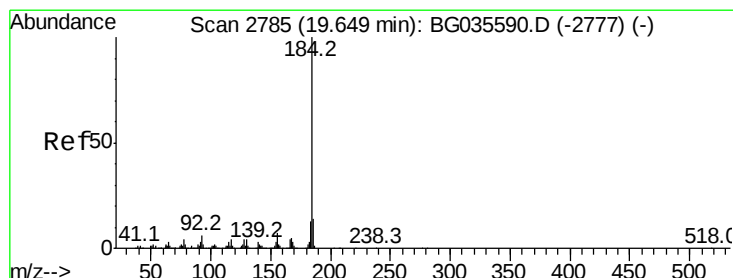
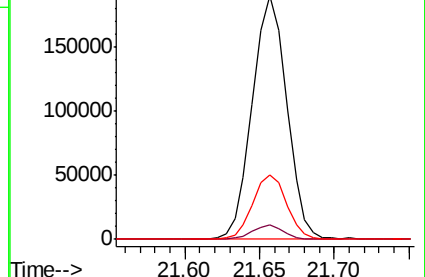
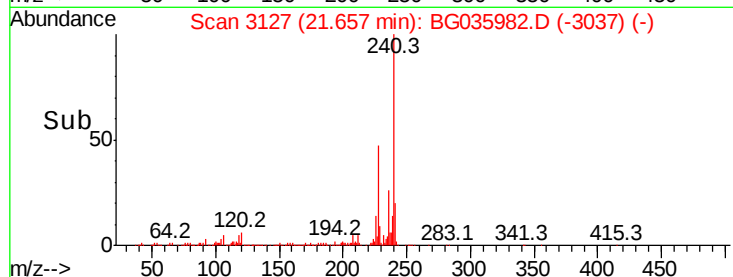
236 26.4 20.9 31.3



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: 33.475 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

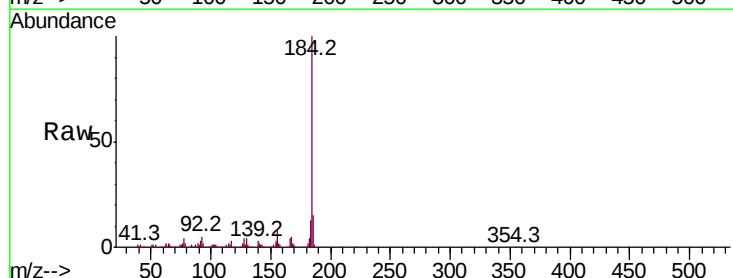
Tgt Ion:184 Resp: 267526

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

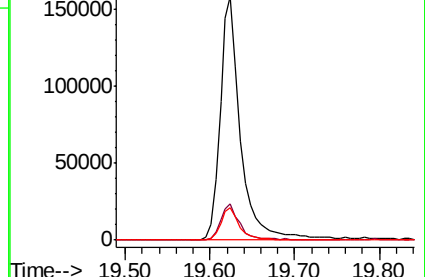
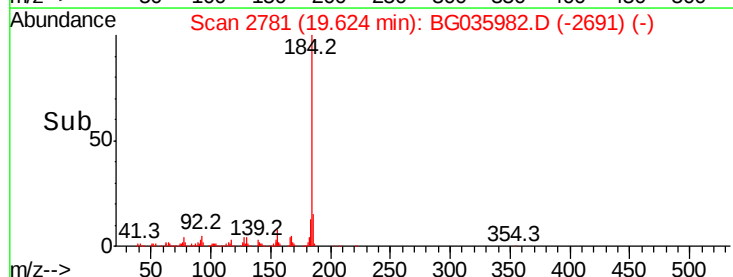
183 13.1 10.6 16.0

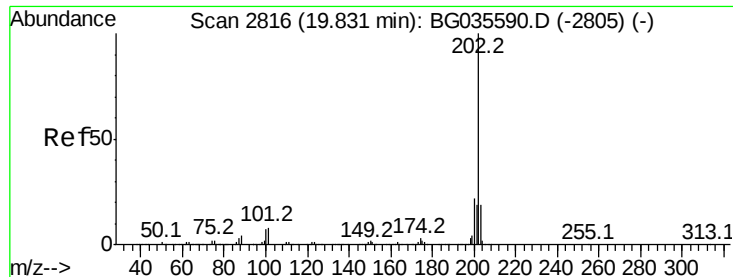


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.600 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

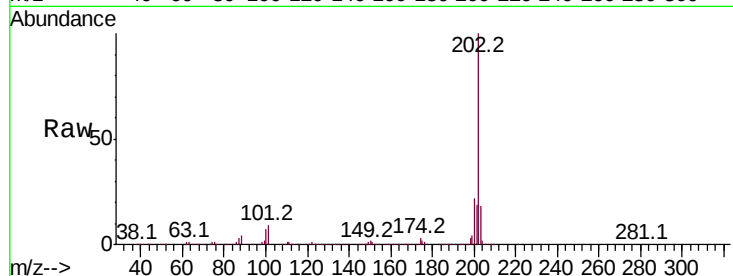
Tot Ion:202 Resp: 914927

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

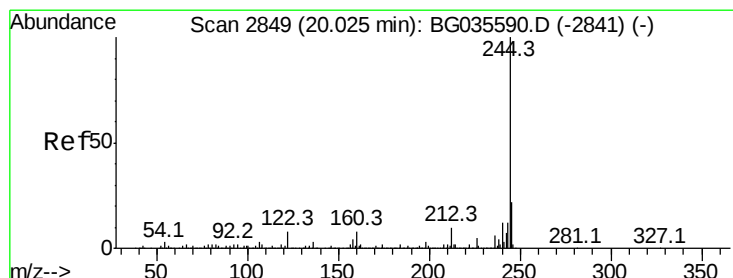
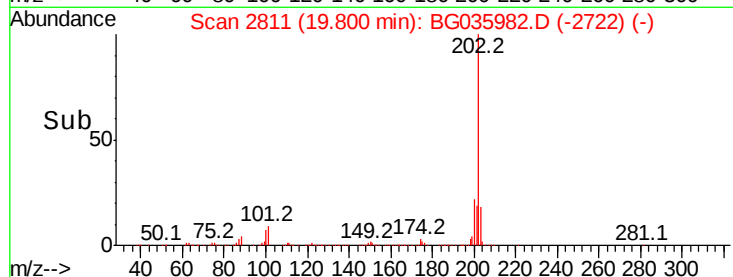
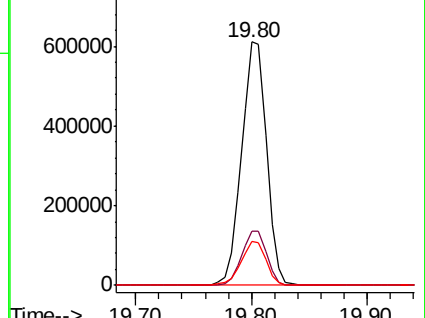
203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.731 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

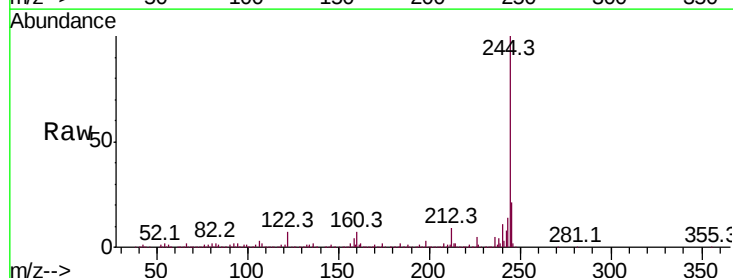
Tgt Ion:244 Resp: 1251224

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

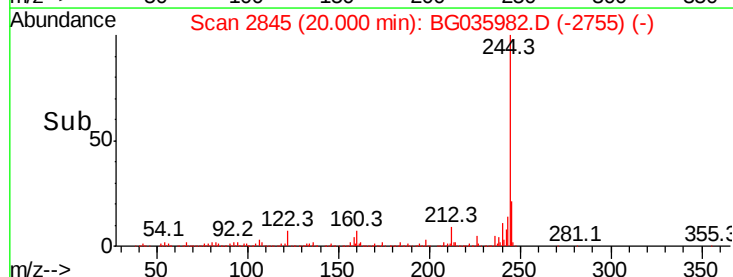
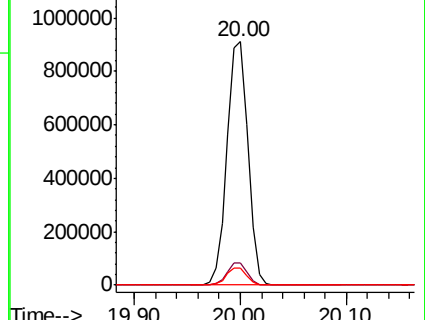
122 6.8 7.0 10.4#

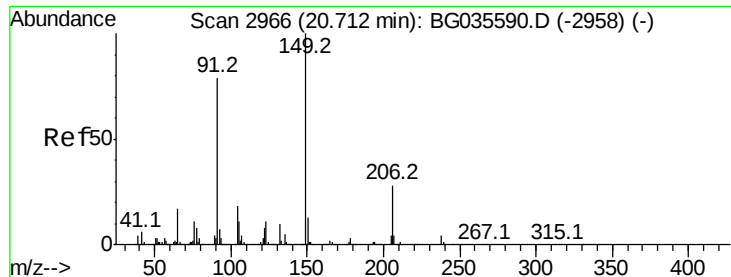


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.303 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

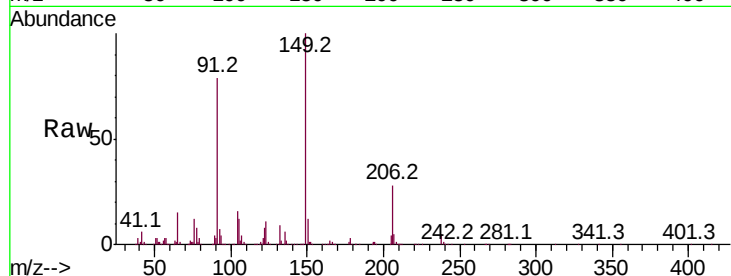
Tot Ion:149 Resp: 338885

Ion Ratio Lower Upper

149 100

91 78.6 62.2 93.2

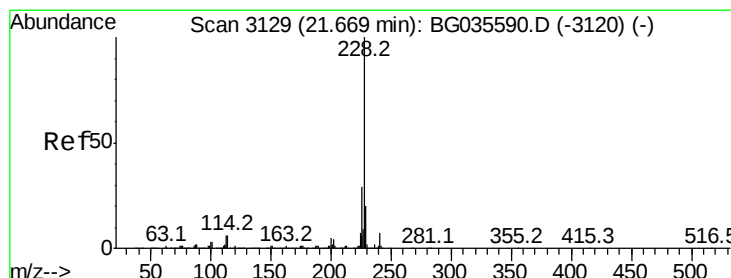
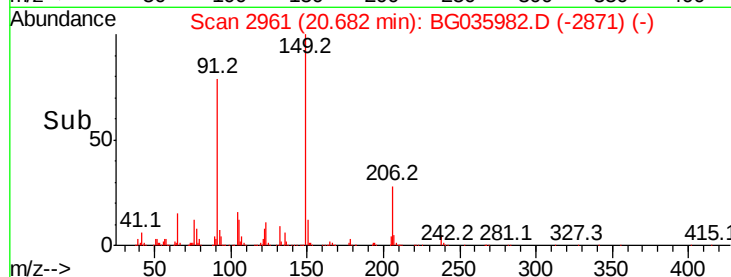
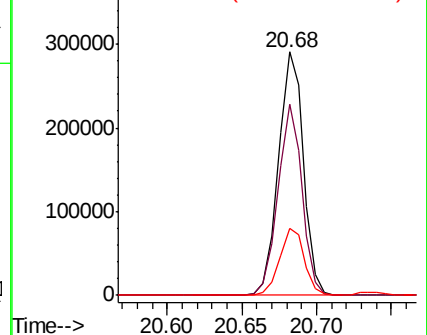
206 27.6 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.210 ng

RT: 21.63 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

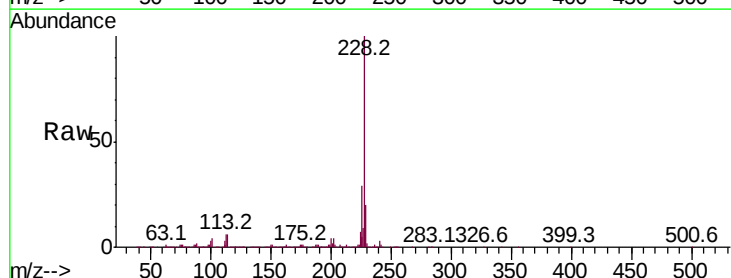
Tgt Ion:228 Resp: 913255

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

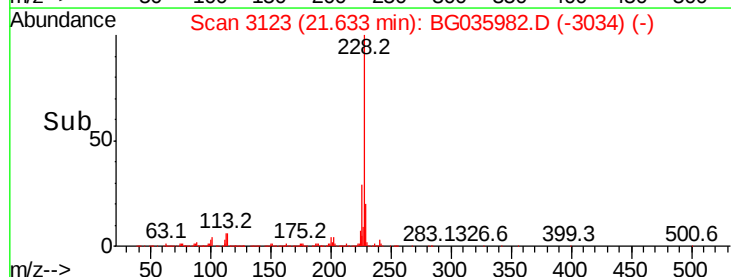
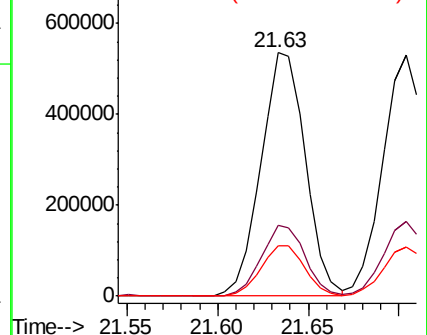
229 20.4 16.2 24.2

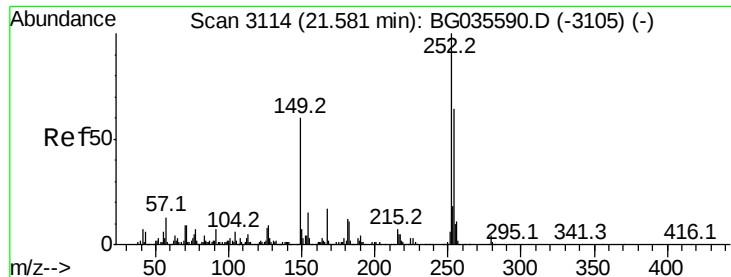


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

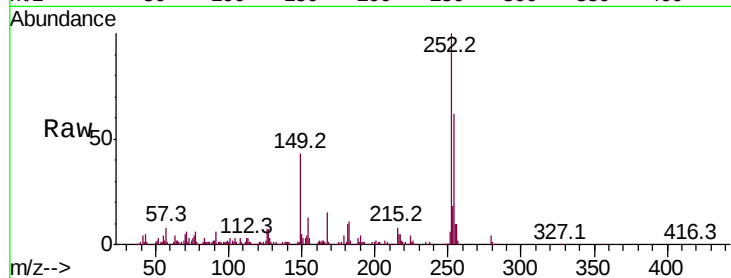




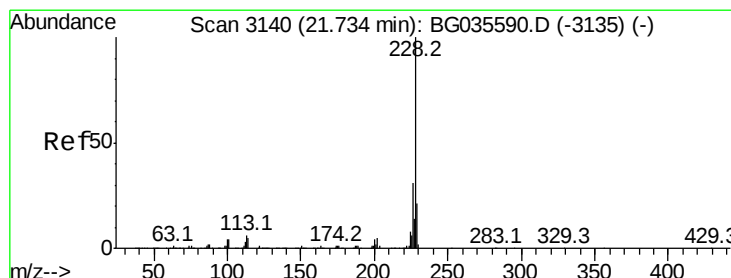
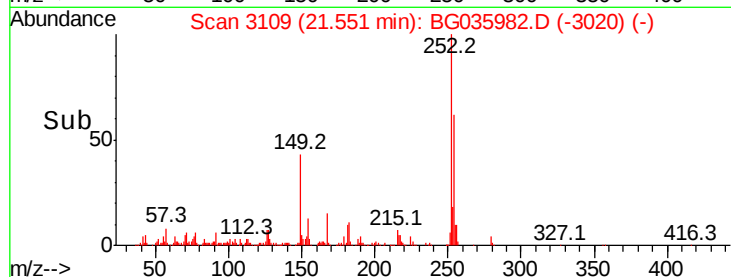
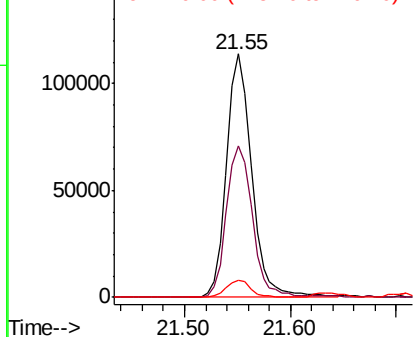
#81
 3,3'-Dichlorobenzidine
 Concen: 28.426 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 187758
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.8 76.2
 126 7.0 7.4 11.2#

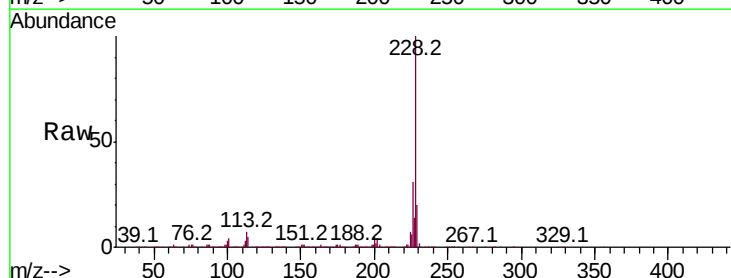


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

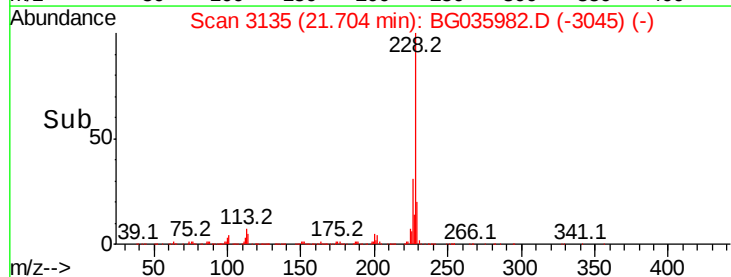
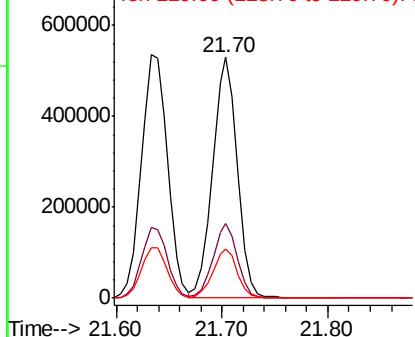


#82
 Chrysene
 Concen: 49.215 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Tgt Ion:228 Resp: 863930
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.2 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.820 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

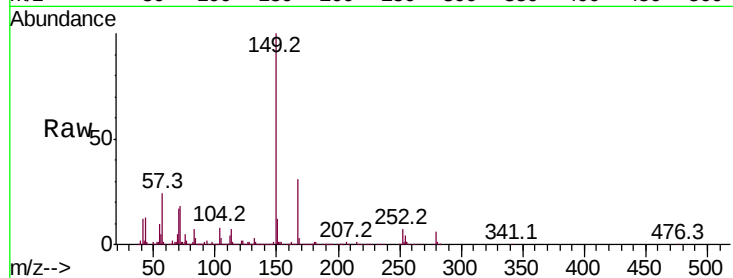
Tot Ion:149 Resp: 465550

Ion Ratio Lower Upper

149 100

167 30.5 24.3 36.5

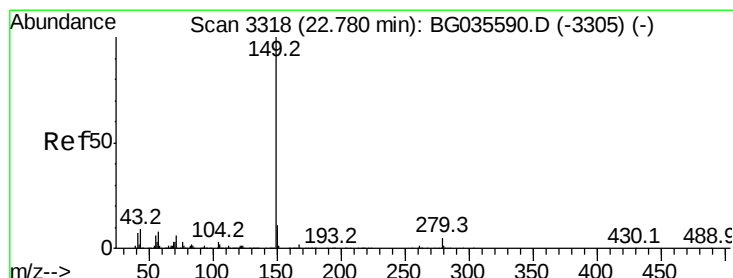
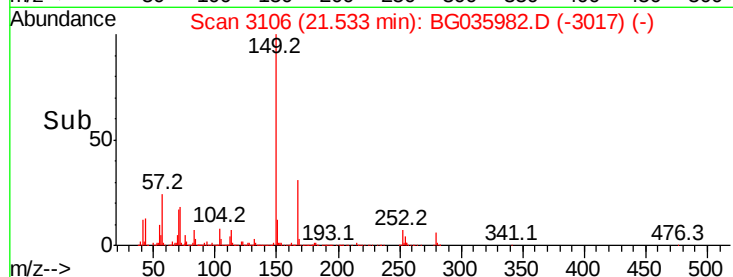
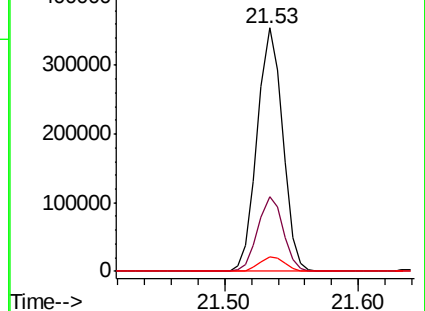
279 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.726 ng

RT: 22.73 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

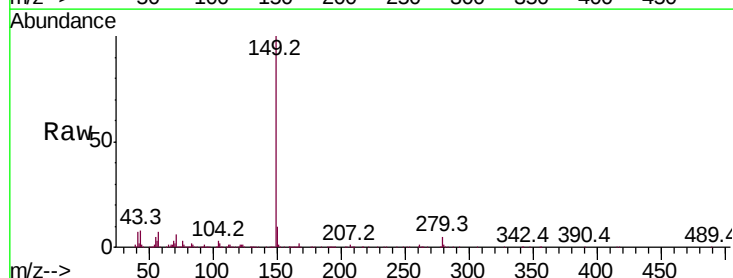
Tgt Ion:149 Resp: 793680

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

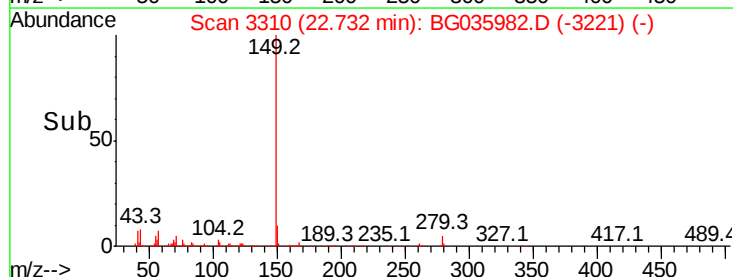
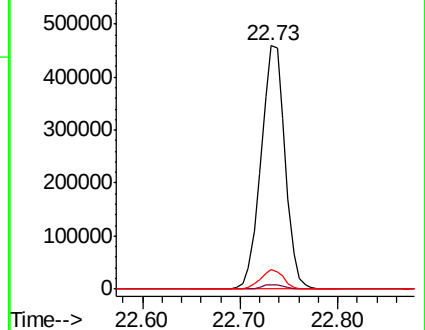
43 7.9 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.497 ng

RT: 28.49 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

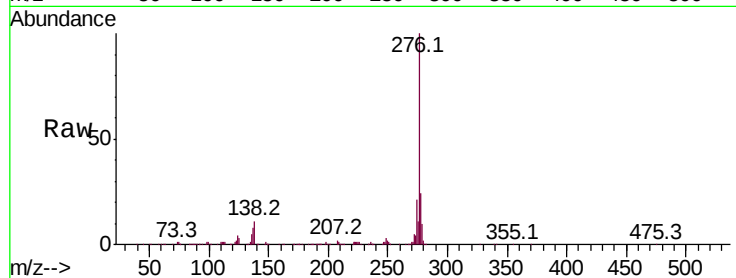
Tot Ion:276 Resp: 961982

Ion Ratio Lower Upper

276 100

138 9.1 16.0 24.0#

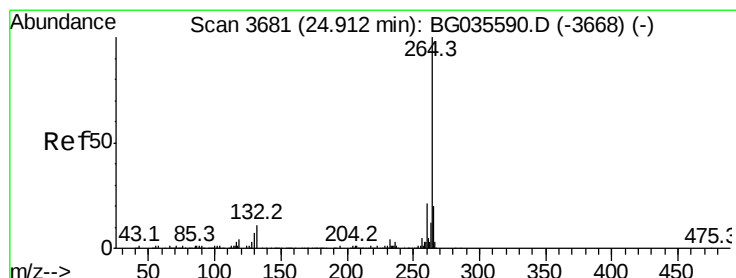
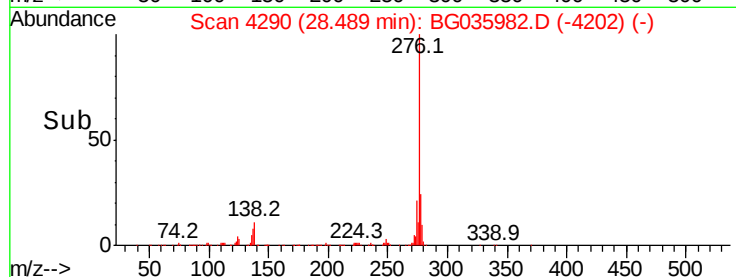
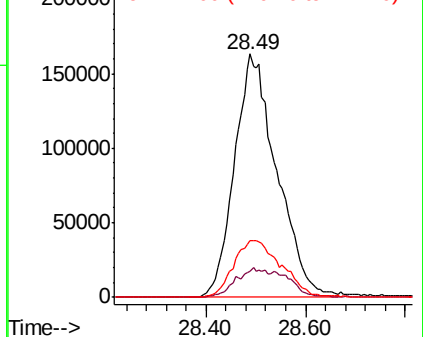
277 26.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

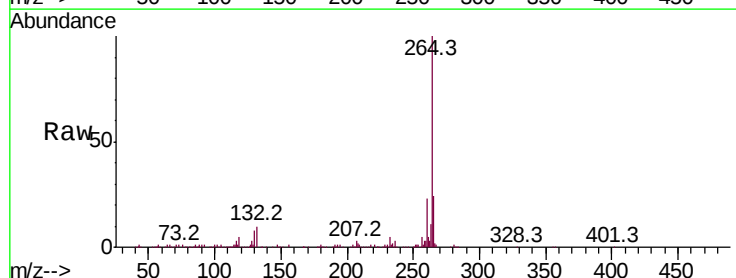
Tgt Ion:264 Resp: 294254

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

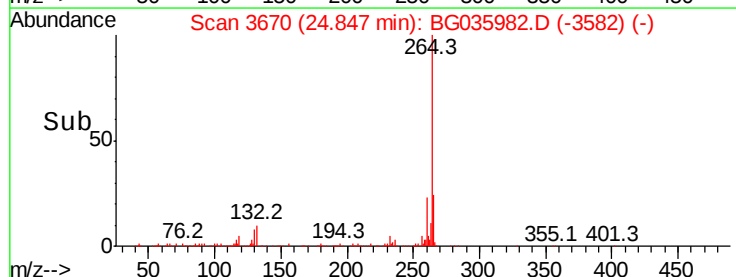
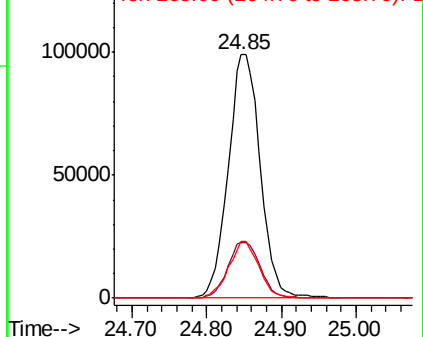
265 23.5 17.7 26.5

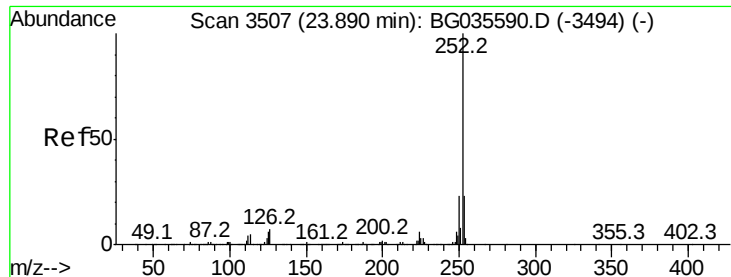


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.620 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

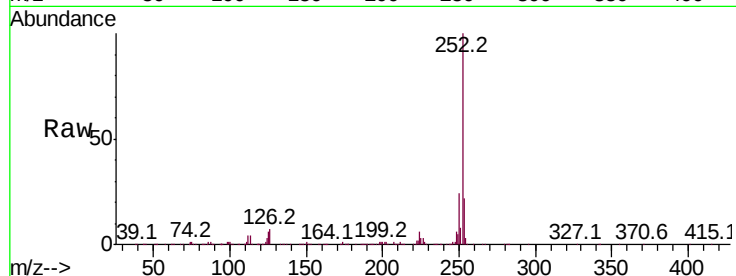
Tot Ion:252 Resp: 869552

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

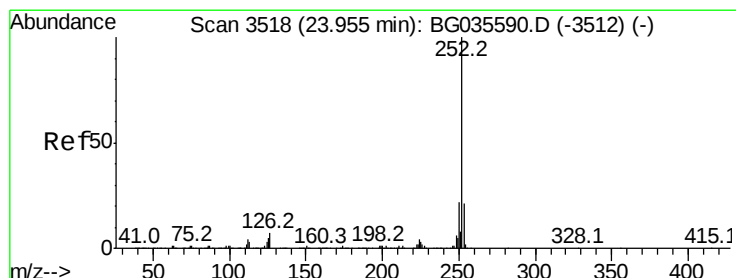
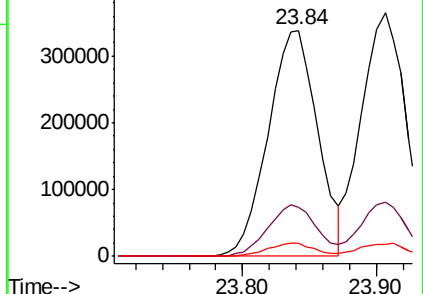
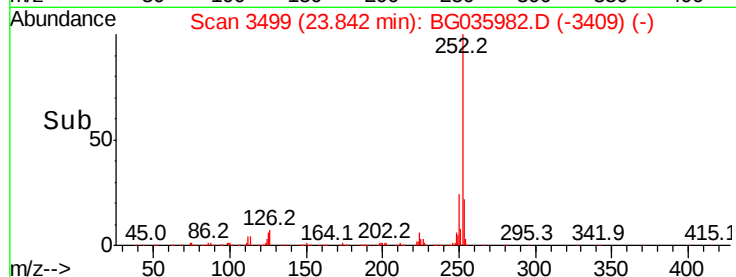
125 5.8 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.519 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.00 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

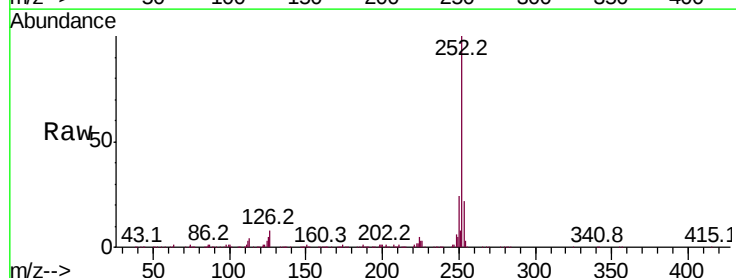
Tgt Ion:252 Resp: 848336

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

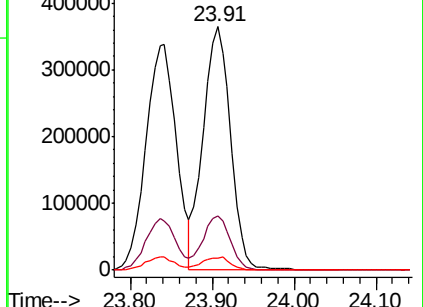
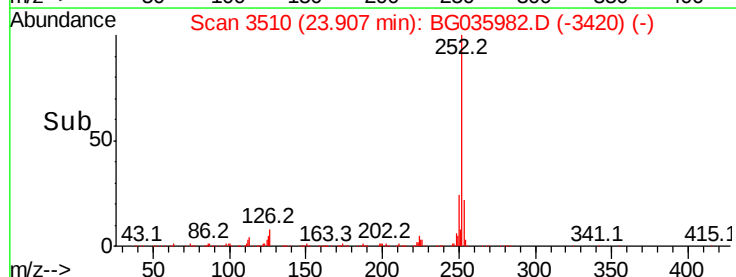
125 4.8 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.535 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG035982.D

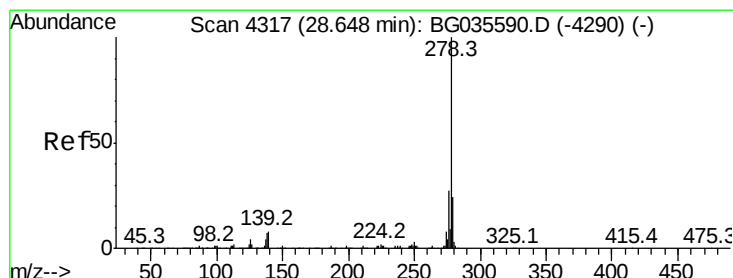
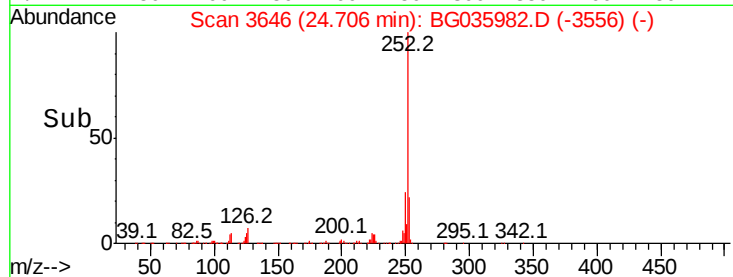
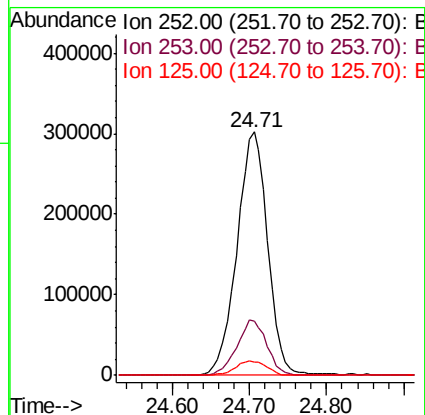
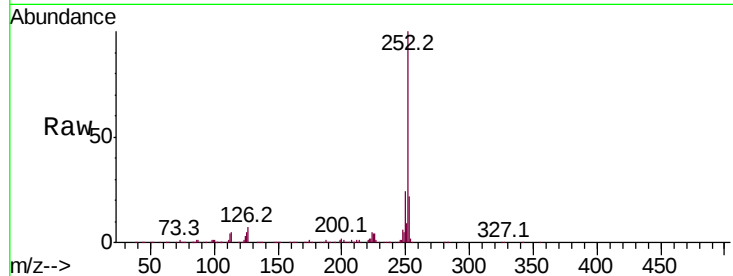
Acq: 30 Jul 2018 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	840829
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	5.3	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 49.274 ng

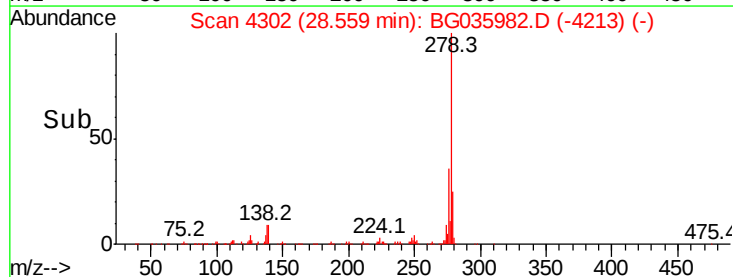
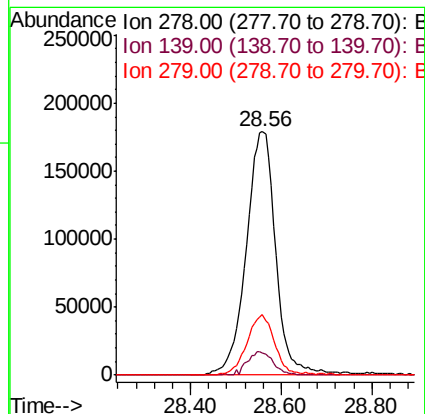
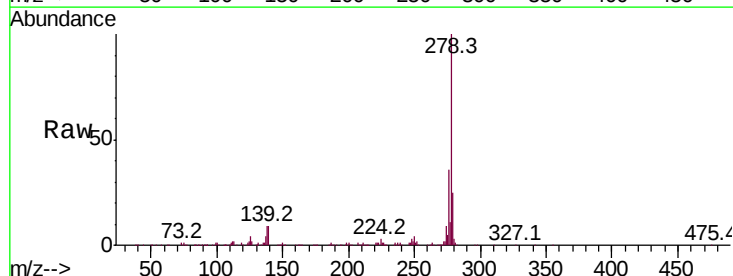
RT: 28.56 min Scan# 4302

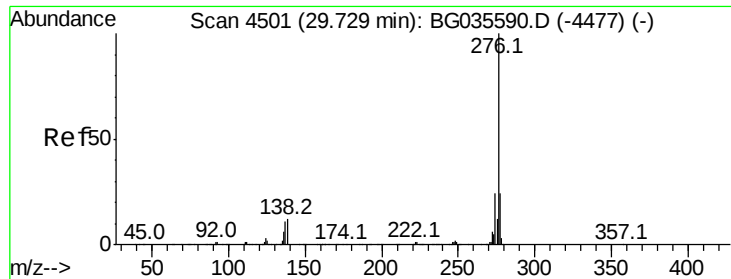
Delta R.T. -0.01 min

Lab File: BG035982.D

Acq: 30 Jul 2018 18:55

Tgt Ion:	278	Resp:	804881
Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6#
279	25.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.944 ng
 RT: 29.63 min Scan# 4484
 Delta R.T. -0.01 min
 Lab File: BG035982.D
 Acq: 30 Jul 2018 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	11.5	13.9	20.9

