

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037031.D
 Acq On : 28 Sep 2018 1:44
 Operator : JU/SJ
 Sample : PB113286BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Quant Time: Sep 28 04:25:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39867	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	158628	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	103206	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	273360	20.00	ng	0.00
75) Chrysene-d12	21.68	240	286200	20.00	ng	-0.01
86) Perylene-d12	24.88	264	293656	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	311096	149.65	ng	0.00
7) Phenol-d6	7.21	99	443241	137.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	287356	97.01	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	187781	152.07	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	618180	89.21	ng	-0.01
78) Terphenyl-d14	20.02	244	1128517	103.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	43314	45.535	ng	98
3) Pyridine	3.91	79	119006	43.329	ng	97
4) n-Nitrosodimethylamine	3.83	42	68757	56.324	ng	# 90
6) Aniline	7.37	93	127091	30.453	ng	99
8) 2-Chlorophenol	7.61	128	118555	49.117	ng	93
9) Benzaldehyde	7.18	77	74449	35.031	ng	99
10) Phenol	7.23	94	164489	49.554	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	116325	37.885	ng	96
12) 1,3-Dichlorobenzene	7.93	146	125429	42.386	ng	99
13) 1,4-Dichlorobenzene	8.08	146	123471	40.772	ng	98
14) 1,2-Dichlorobenzene	8.39	146	123689	42.147	ng	99
15) Benzyl Alcohol	8.28	79	112772	43.212	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	255640	43.367	ng	97
17) 2-Methylphenol	8.48	107	106036	45.860	ng	96
18) Hexachloroethane	9.12	117	50023	44.887	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	103813	38.800	ng	99
20) 3+4-Methylphenols	8.81	107	149292	46.413	ng	96
22) Acetophenone	8.86	105	187152	50.206	ng	# 96
24) Nitrobenzene	9.25	77	152913	48.339	ng	99
25) Isophorone	9.76	82	290792	53.726	ng	99
26) 2-Nitrophenol	9.96	139	67178	53.278	ng	99
27) 2,4-Dimethylphenol	10.01	122	114336	58.213	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	165723	49.620	ng	99
29) 2,4-Dichlorophenol	10.49	162	122043	53.602	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	130878	45.933	ng	95
31) Naphthalene	10.90	128	380374	50.396	ng	98
32) Benzoic acid	10.15	122	38158	28.102	ng	98
33) 4-Chloroaniline	11.01	127	73943	21.547	ng	97
34) Hexachlorobutadiene	11.17	225	88121	44.721	ng	98
35) Caprolactam	11.78	113	32695	34.889	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	146045	53.758	ng	99
37) 2-Methylnaphthalene	12.50	142	287440	50.003	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	163066	45.301	ng	98
40) Hexachlorocyclopentadiene	12.84	237	203426	109.882	ng	99

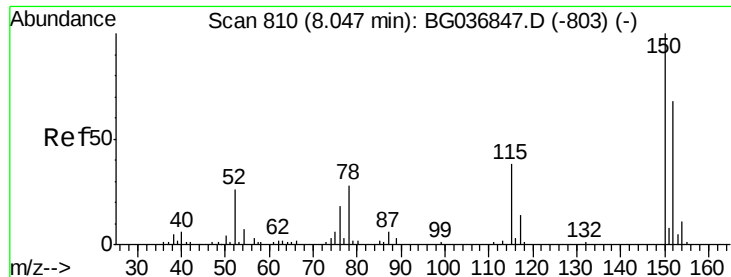
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	104924	52.491	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	119602	56.113	ng	98
45) 1,1'-Biphenyl	13.50	154	382270	48.363	ng	99
46) 2-Chloronaphthalene	13.55	162	287206	46.205	ng	98
47) 2-Nitroaniline	13.75	65	117264	54.542	ng	91
48) Acenaphthylene	14.39	152	505367	51.884	ng	98
49) Dimethylphthalate	14.12	163	411218	49.500	ng	100
50) 2,6-Dinitrotoluene	14.24	165	90866	50.132	ng	98
51) Acenaphthene	14.73	154	285201	48.447	ng	98
52) 3-Nitroaniline	14.58	138	60545	31.700	ng	97
53) 2,4-Dinitrophenol	14.78	184	49017	59.837	ng	92
54) Dibenzofuran	15.06	168	484709	48.678	ng	99
55) 4-Nitrophenol	14.89	139	143541	117.642	ng	96
56) 2,4-Dinitrotoluene	15.03	165	131383	51.947	ng	95
57) Fluorene	15.72	166	392199	52.697	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	120686	55.816	ng	98
59) Diethylphthalate	15.48	149	418975	50.004	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	218790	46.420	ng	98
61) 4-Nitroaniline	15.74	138	104028	51.781	ng	98
62) Azobenzene	16.00	77	429922	53.401	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	60505	42.336	ng	92
65) n-Nitrosodiphenylamine	15.92	169	356204	47.200	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	140983	45.342	ng	99
67) Hexachlorobenzene	16.72	284	144129	45.007	ng	100
68) Atrazine	16.87	200	158004	51.708	ng	100
69) Pentachlorophenol	17.06	266	167966	83.307	ng	97
70) Phenanthrene	17.45	178	680370	51.649	ng	99
71) Anthracene	17.55	178	698971	53.661	ng	99
72) Carbazole	17.82	167	633975	49.919	ng	99
73) Di-n-butylphthalate	18.36	149	743375	52.707	ng	100
74) Fluoranthene	19.46	202	858681	54.153	ng	99
76) Benzidine	19.65	184	339825	39.278	ng	99
77) Pyrene	19.82	202	845371	49.223	ng	100
79) Butylbenzylphthalate	20.70	149	356799	52.121	ng	99
80) Benzo(a)anthracene	21.66	228	847878	50.750	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	195610	30.760	ng	98
82) Chrysene	21.73	228	804129	49.815	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	494536	51.713	ng	99
84) Di-n-octyl phthalate	22.77	149	835812	53.083	ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	942126	54.351	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	820756	52.446	ng	99
88) Benzo(k)fluoranthene	23.93	252	822036	52.357	ng	99
89) Benzo(a)pyrene	24.73	252	809704	53.517	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	758690	53.505	ng	99
91) Benzo(g,h,i)perylene	29.67	276	781951	54.947	ng	98

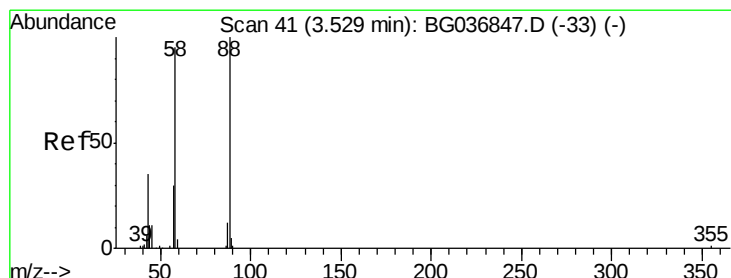
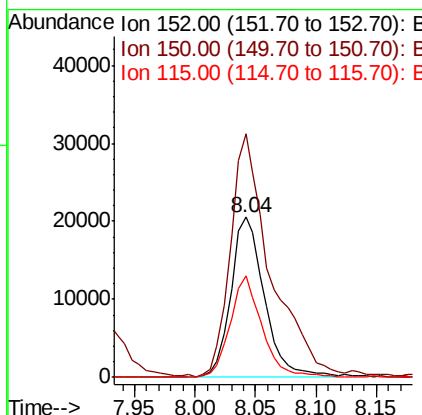
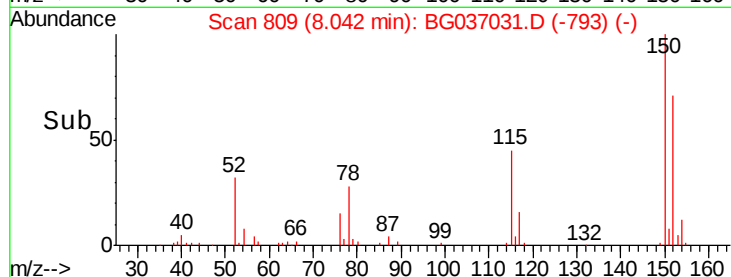
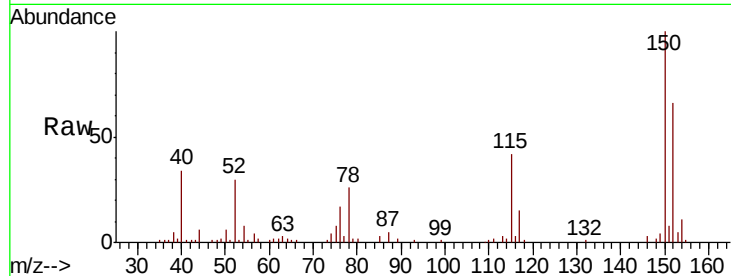
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

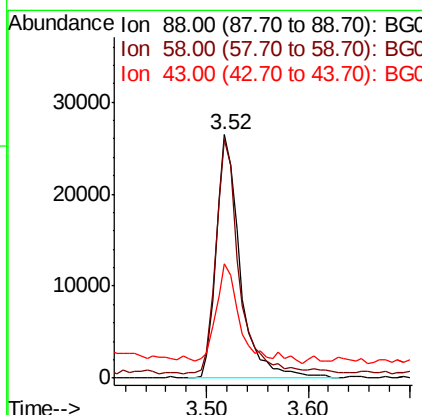
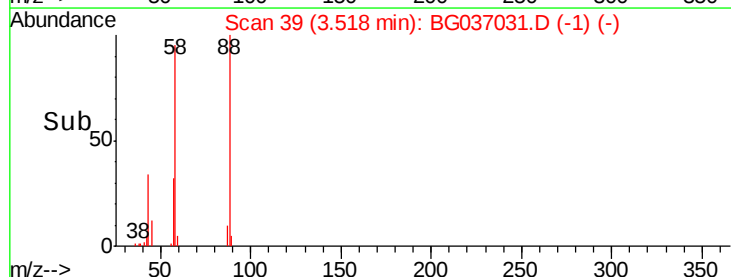
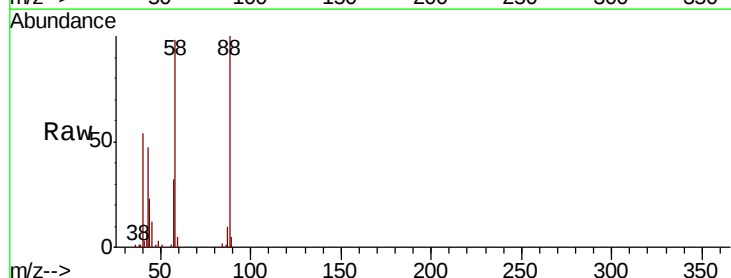
Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

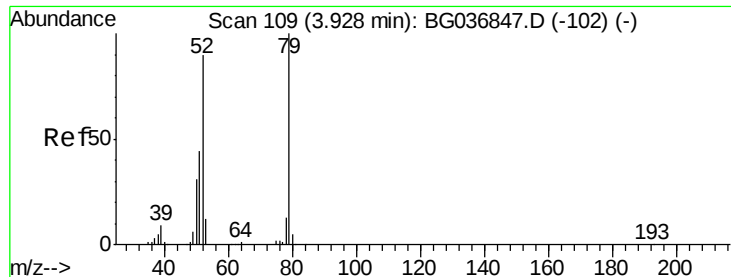
Tgt Ion:152 Resp: 39867
 Ion Ratio Lower Upper
 152 100
 150 152.2 119.5 179.3
 115 63.3 44.5 66.7



#2
 1,4-Dioxane
 Concen: 45.535 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion: 88 Resp: 43314
 Ion Ratio Lower Upper
 88 100
 58 93.6 72.6 109.0
 43 37.0 29.0 43.4





#3

Pyridine

Concen: 43.329 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

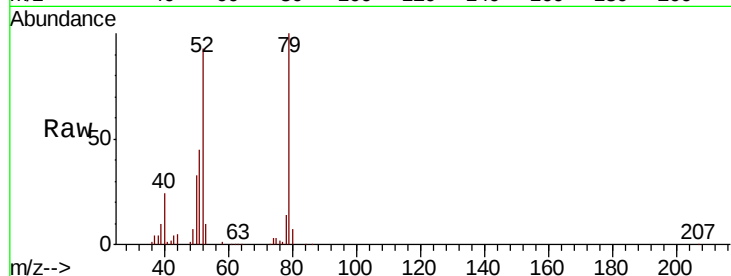
Tgt Ion: 79 Resp: 119006

Ion Ratio Lower Upper

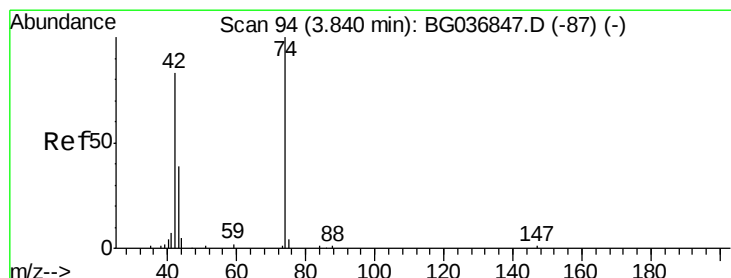
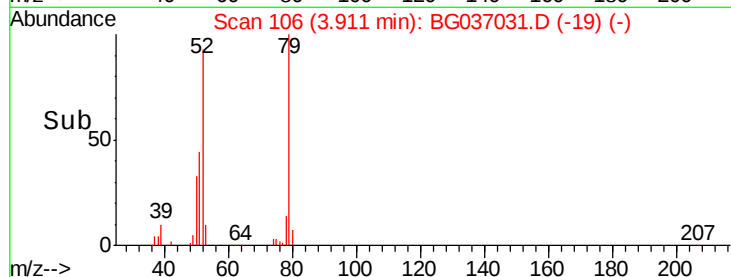
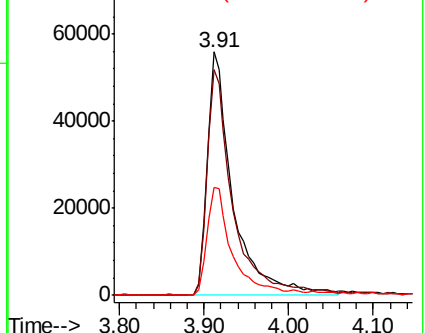
79 100

52 92.7 72.3 108.5

51 44.5 33.8 50.6



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



#4

n-Nitrosodimethylamine

Concen: 56.324 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

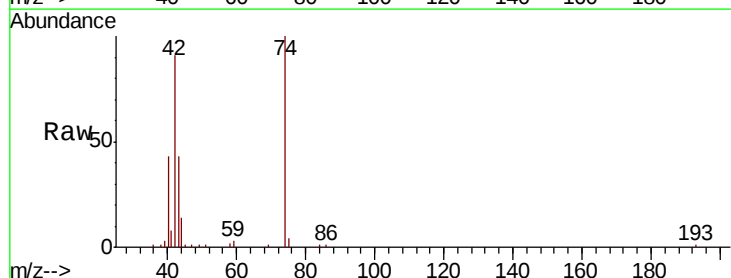
Tgt Ion: 42 Resp: 68757

Ion Ratio Lower Upper

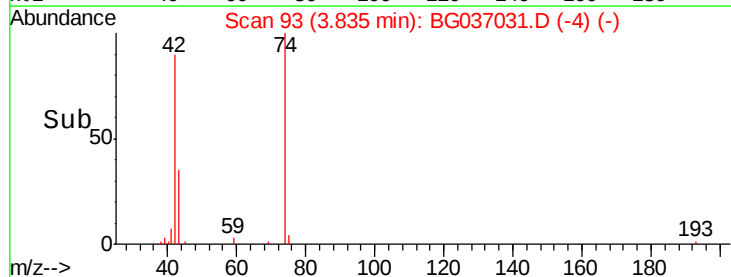
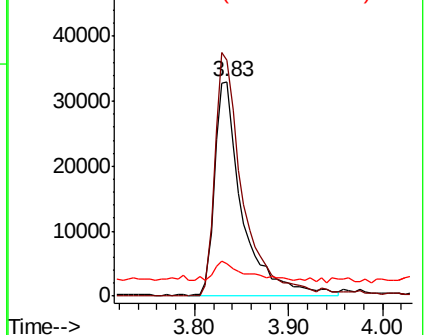
42 100

74 110.0 96.6 145.0

44 15.2 7.0 10.4#



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





#5

2-Fluorophenol

Concen: 149.651 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

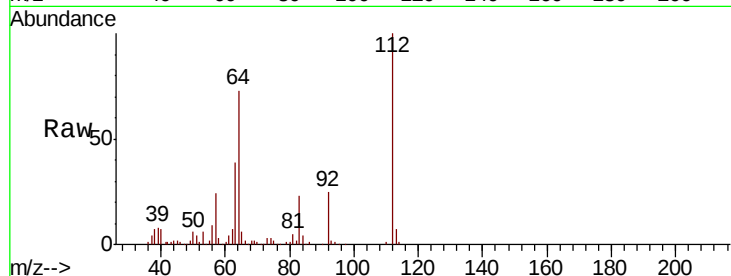
Tgt Ion: 112 Resp: 311096

Ion Ratio Lower Upper

112 100

64 73.0 57.2 85.8

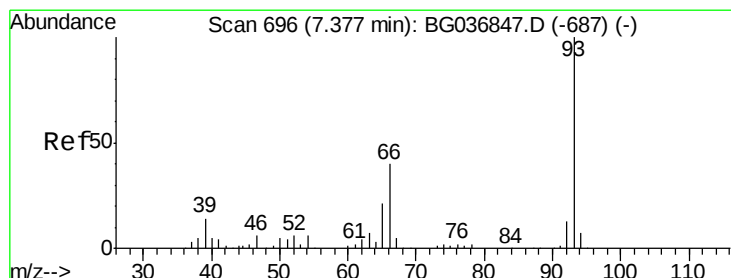
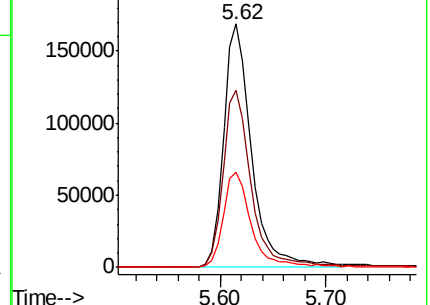
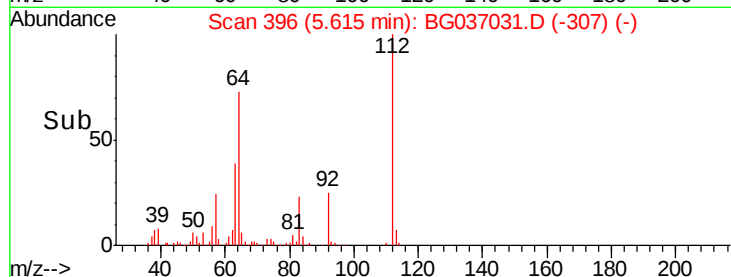
63 39.1 30.8 46.2



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: 30.453 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

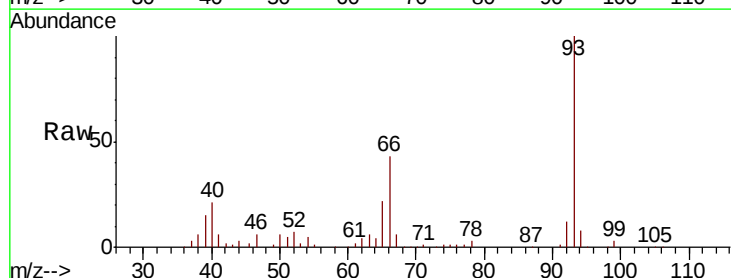
Tgt Ion: 93 Resp: 127091

Ion Ratio Lower Upper

93 100

66 42.8 35.0 52.4

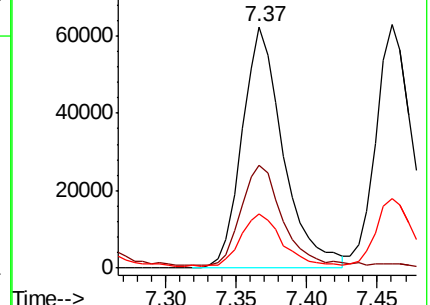
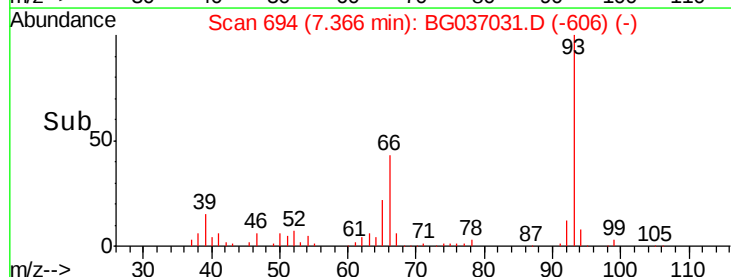
65 22.2 17.6 26.4

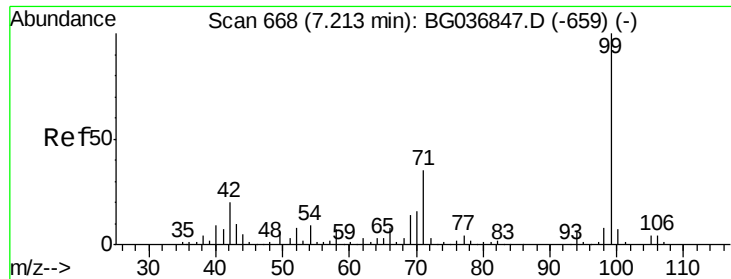


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.812 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

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ClientSampleId :

PB113286BS

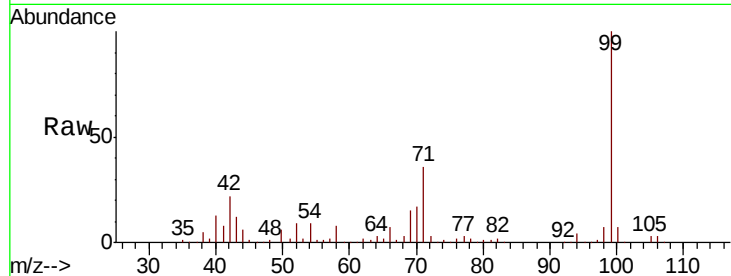
Tgt Ion: 99 Resp: 443241

Ion Ratio Lower Upper

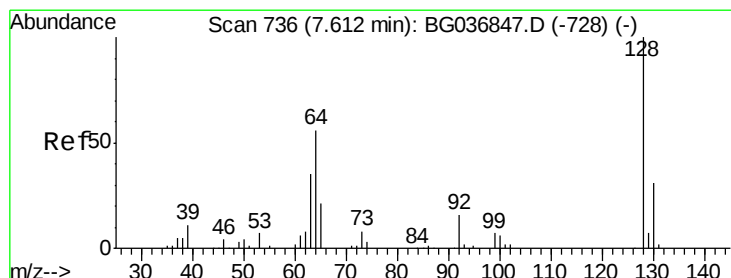
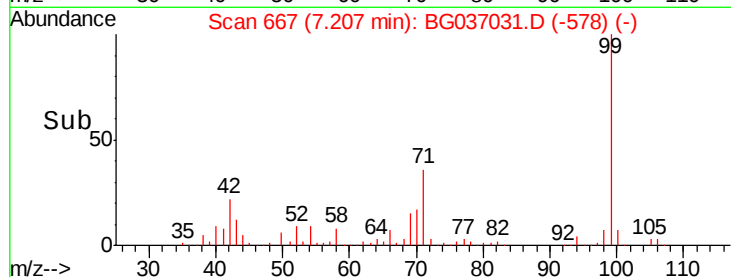
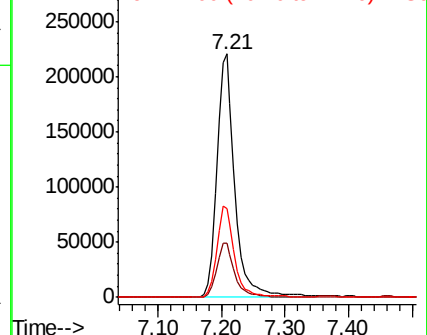
99 100

42 22.4 16.5 24.7

71 36.3 29.4 44.2



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: 49.117 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

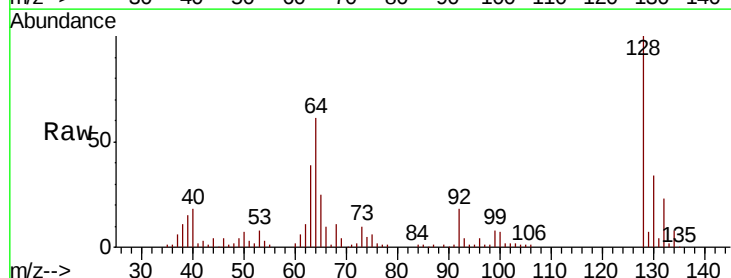
Tgt Ion: 128 Resp: 118555

Ion Ratio Lower Upper

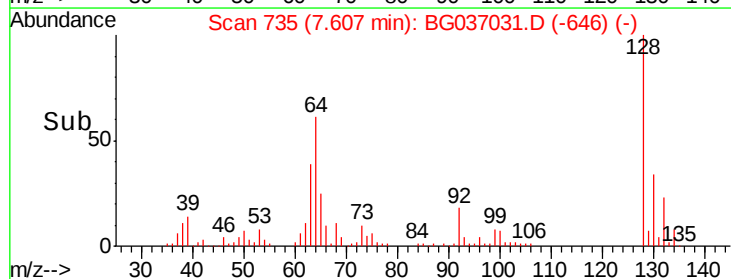
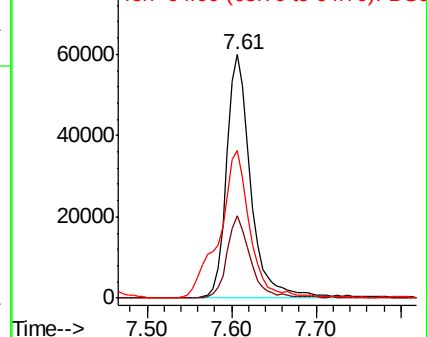
128 100

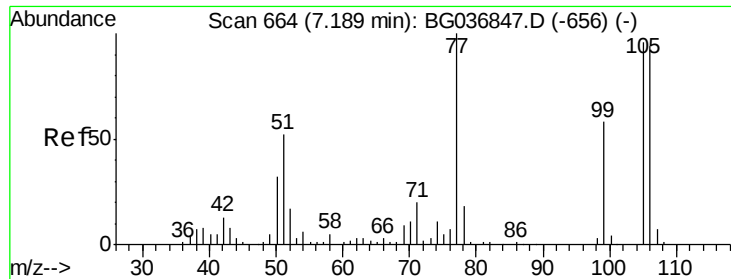
130 34.0 10.0 50.0

64 60.8 36.0 76.0



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: 35.031 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

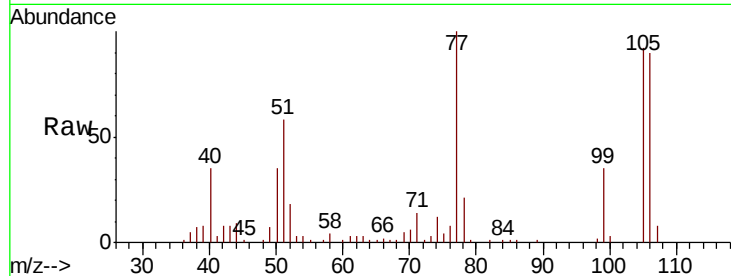
Tgt Ion: 77 Resp: 74449

Ion Ratio Lower Upper

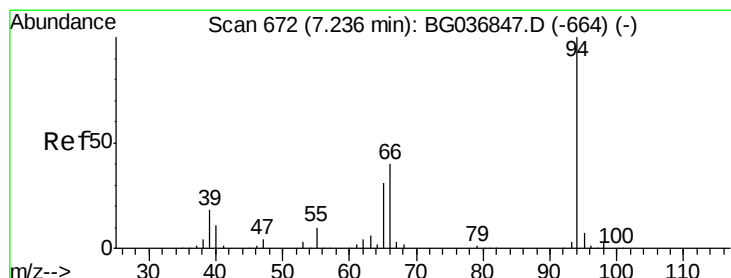
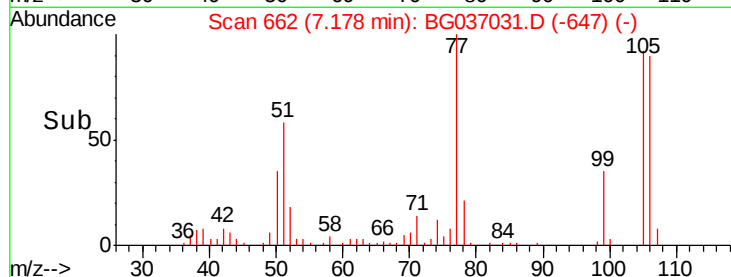
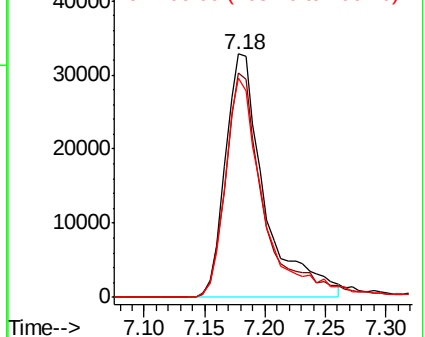
77 100

105 92.1 70.5 110.5

106 90.2 69.8 109.8



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: 49.554 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

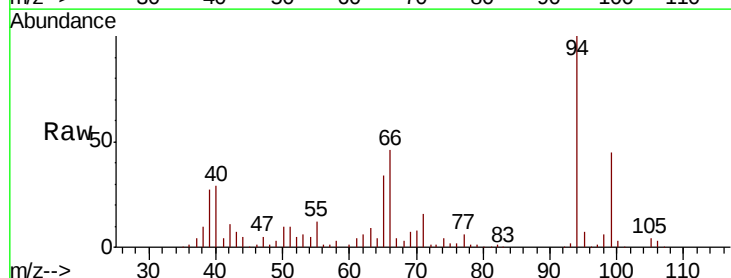
Tgt Ion: 94 Resp: 164489

Ion Ratio Lower Upper

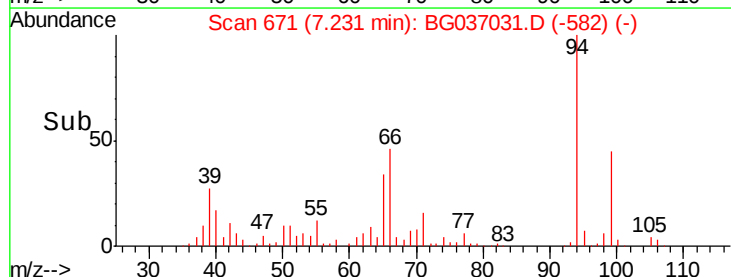
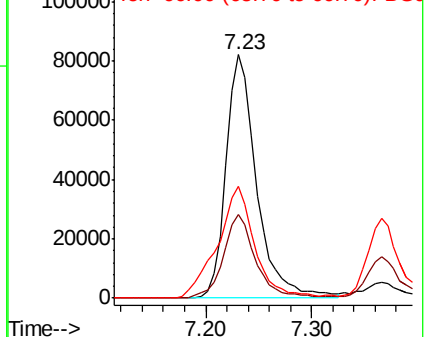
94 100

65 34.3 11.5 51.5

66 45.7 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

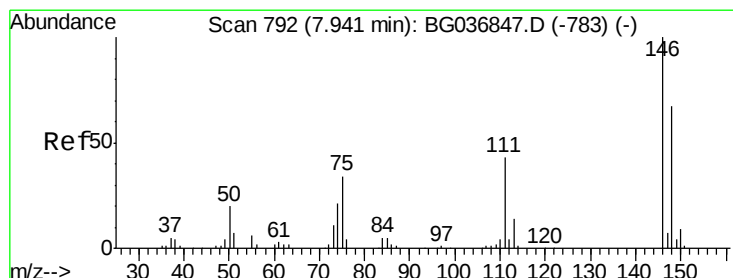
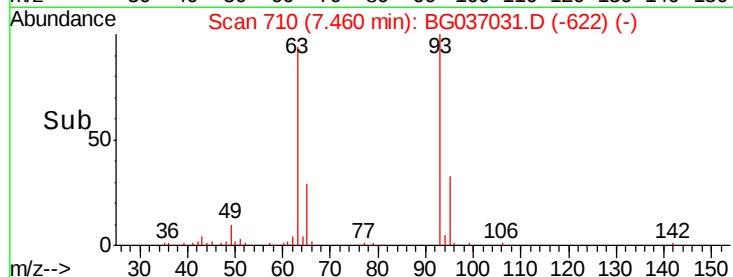
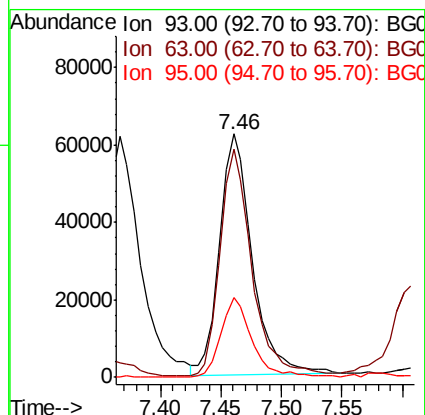
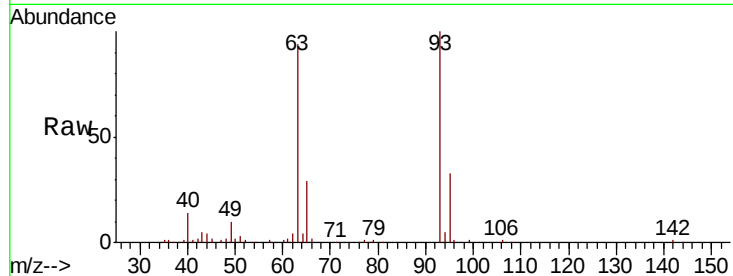




#11
 bis(2-Chloroethyl)ether
 Concen: 37.885 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

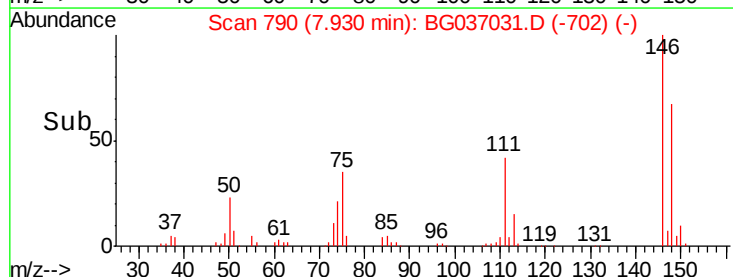
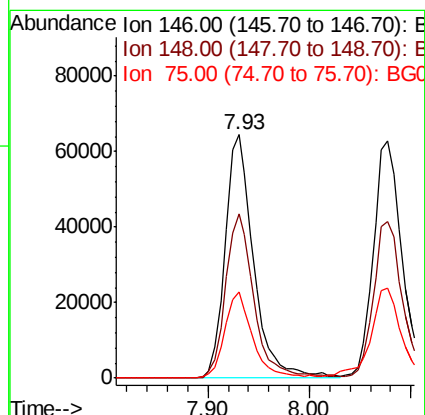
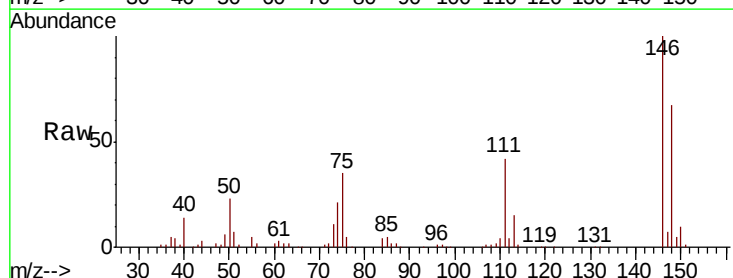
Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

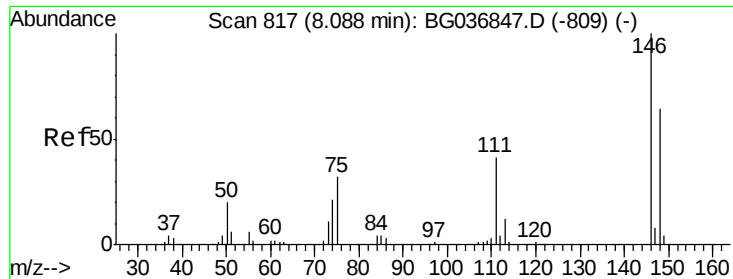
Tgt Ion: 93 Resp: 116325
 Ion Ratio Lower Upper
 93 100
 63 93.7 69.9 109.9
 95 33.0 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 42.386 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion: 146 Resp: 125429
 Ion Ratio Lower Upper
 146 100
 148 67.4 53.8 80.6
 75 35.2 27.2 40.8

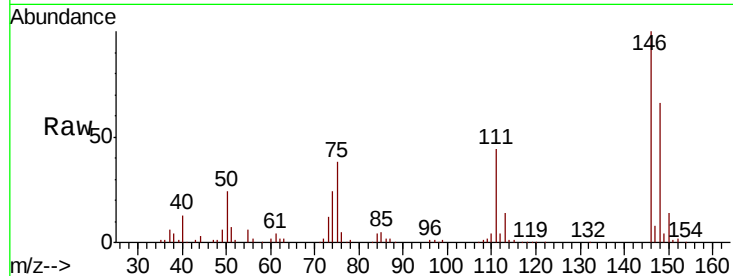




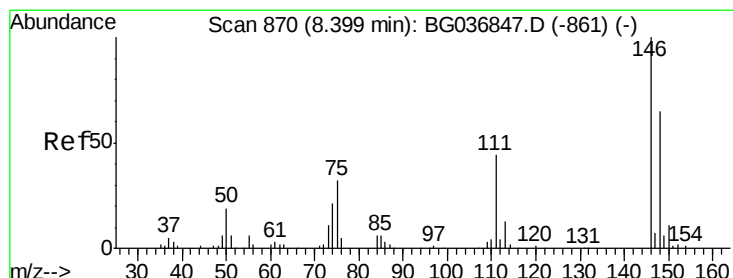
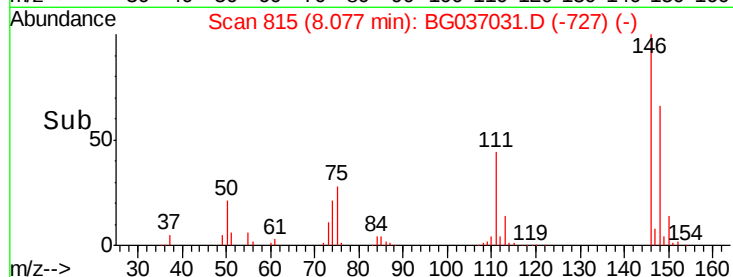
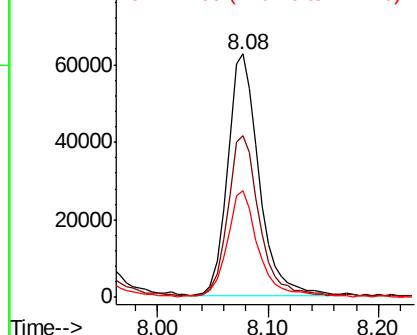
#13
 1,4-Dichlorobenzene
 Concen: 40.772 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion:146 Resp: 123471
 Ion Ratio Lower Upper
 146 100
 148 66.3 53.9 80.9
 111 43.7 33.8 50.6

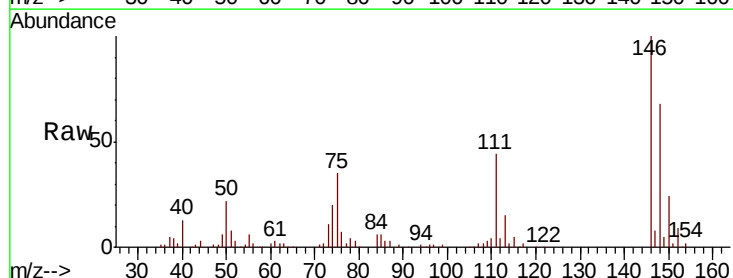


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

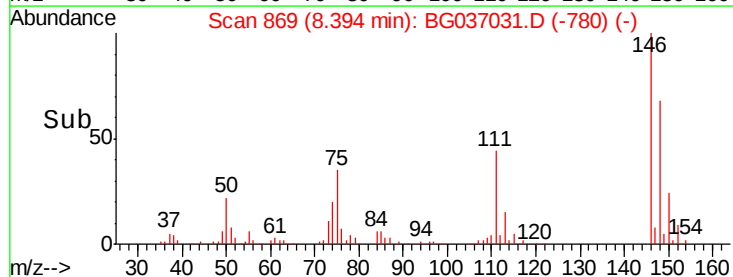
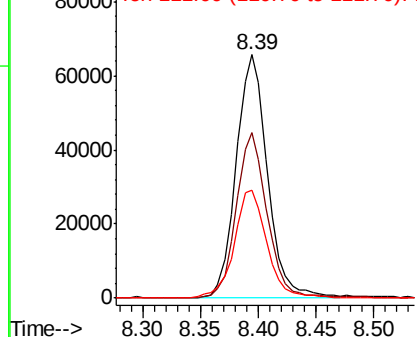


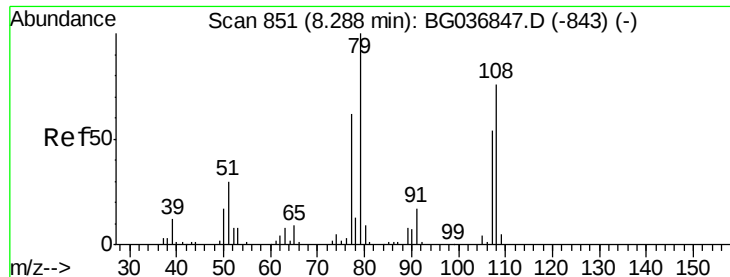
#14
 1,2-Dichlorobenzene
 Concen: 42.147 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion:146 Resp: 123689
 Ion Ratio Lower Upper
 146 100
 148 67.8 55.0 82.6
 111 44.1 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 43.212 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

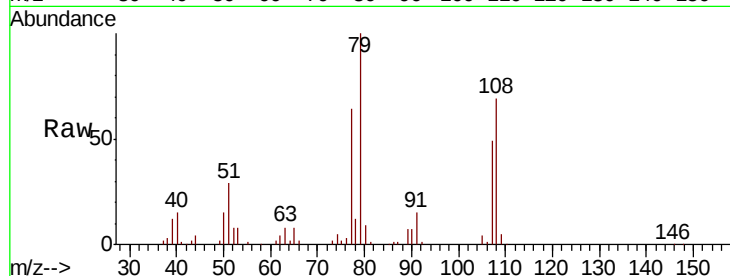
Tgt Ion: 79 Resp: 112772

Ion Ratio Lower Upper

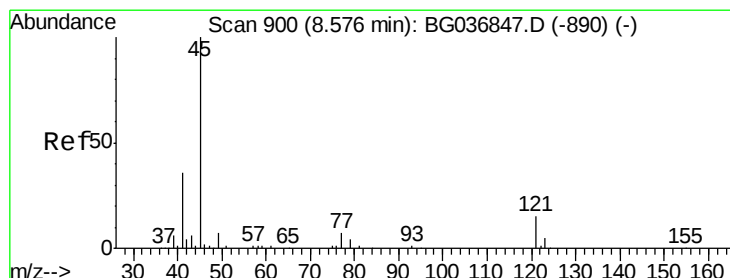
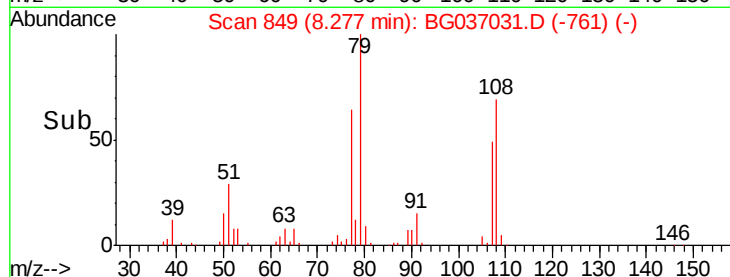
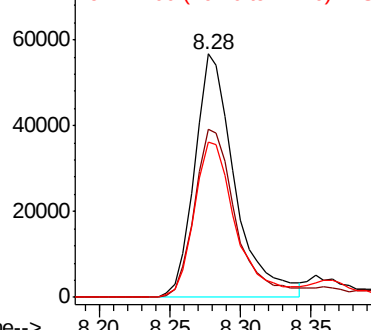
79 100

108 69.2 55.9 83.9

77 63.9 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.367 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

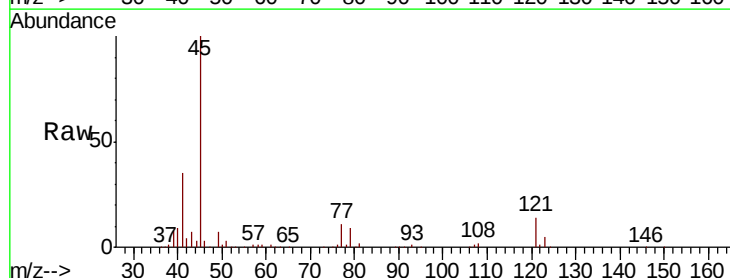
Tgt Ion: 45 Resp: 255640

Ion Ratio Lower Upper

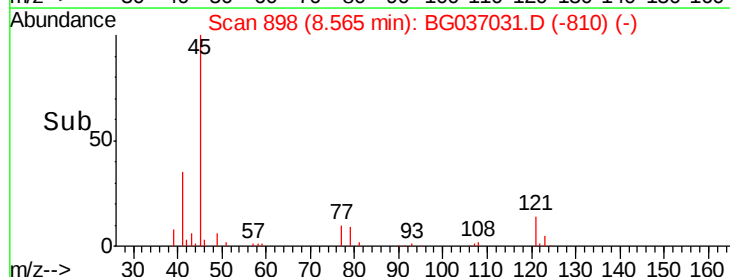
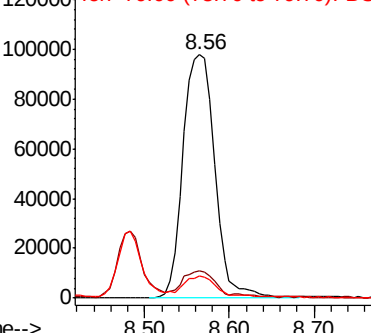
45 100

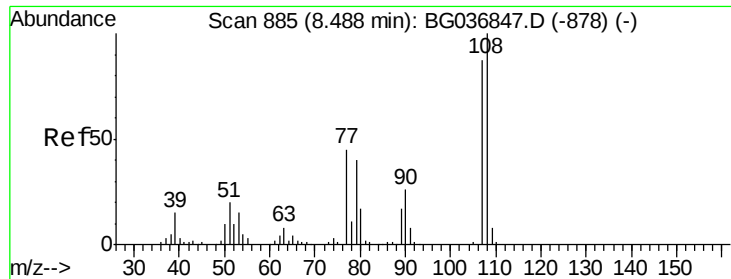
77 11.4 0.0 30.5

79 9.2 0.0 27.9



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

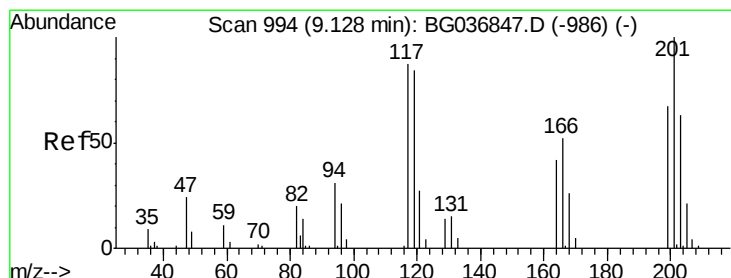
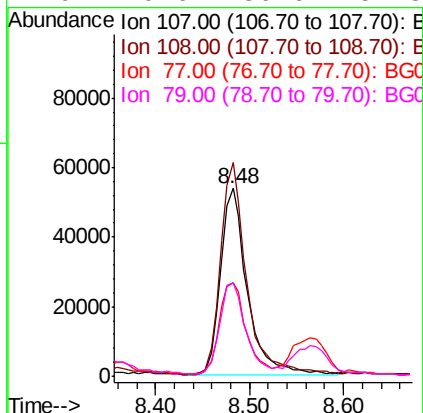
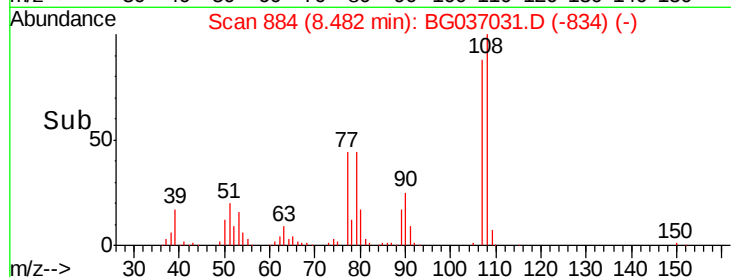
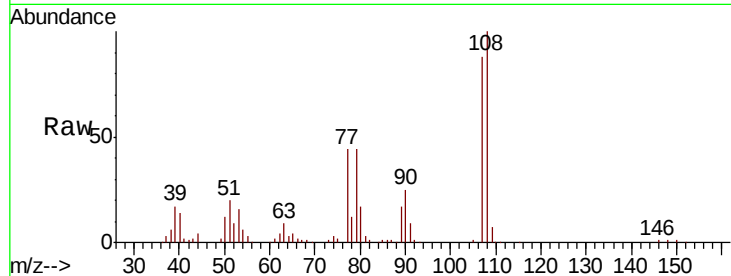




#17
2-Methylphenol
Concen: 45.860 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

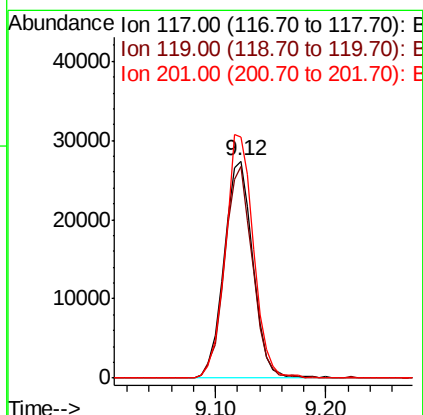
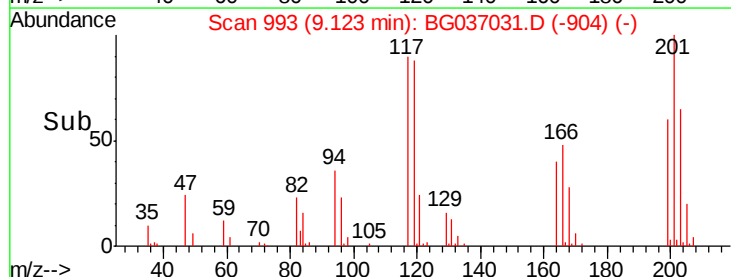
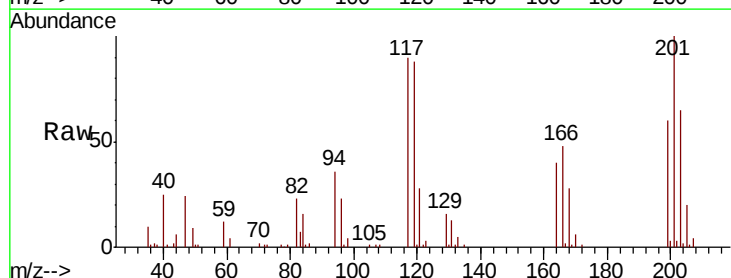
Instrument :
BNA_G
ClientSampleId :
PB113286BS

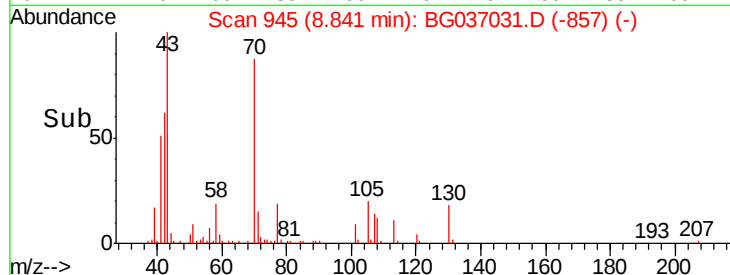
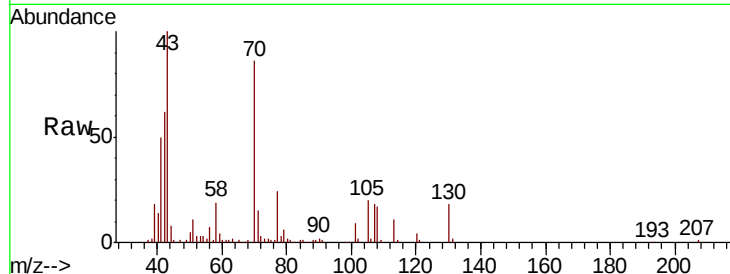
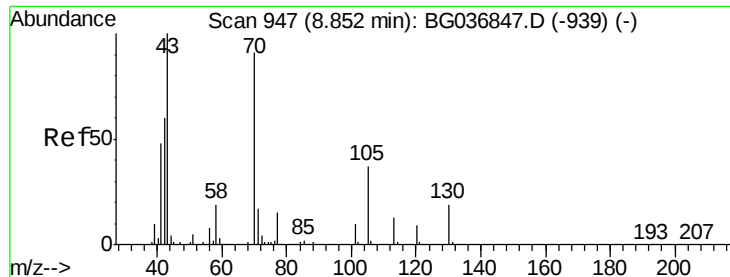
Tgt Ion:	107	Resp:	106036
Ion	Ratio	Lower	Upper
107	100		
108	113.6	86.7	130.1
77	50.1	39.0	58.4
79	49.6	36.6	54.8



#18
Hexachloroethane
Concen: 44.887 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:	117	Resp:	50023
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.8	115.2
201	111.0	85.7	128.5

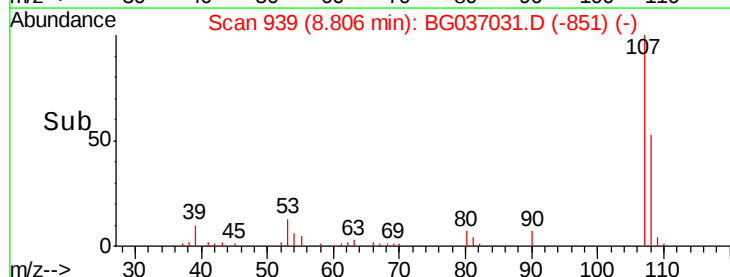
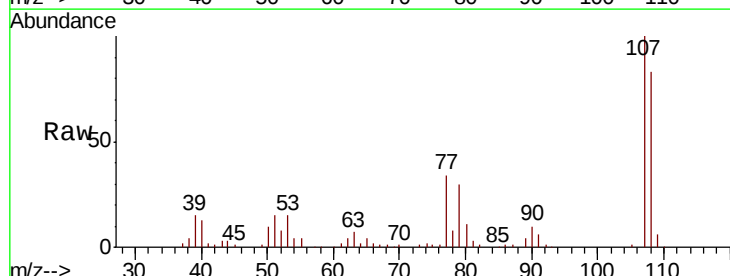
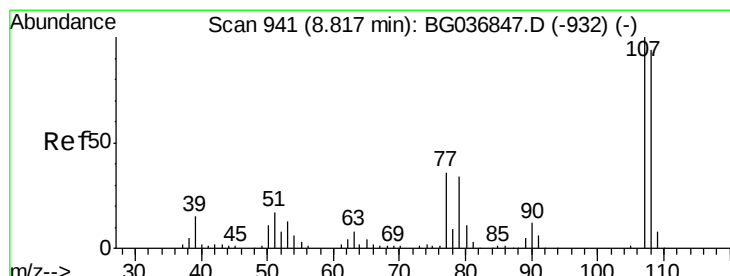
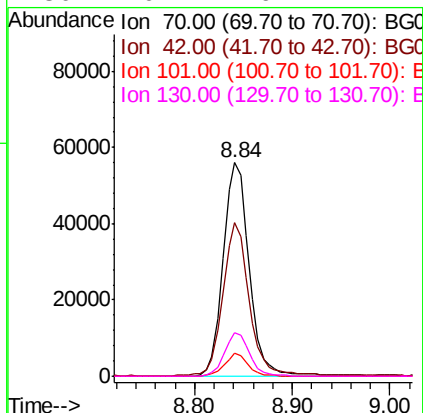




#19
n-Nitroso-di-n-propylamine
Concen: 38.800 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

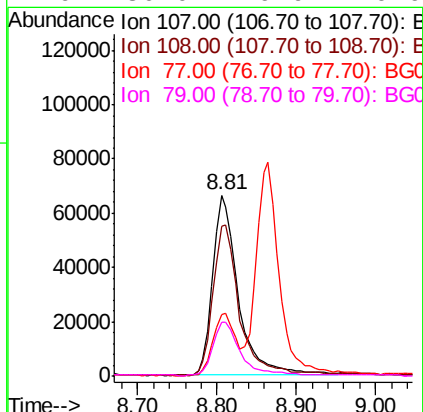
Instrument :
BNA_G
ClientSampleId :
PB113286BS

Tgt Ion:	70	Resp:	103813
Ion	Ratio	Lower	Upper
70	100		
42	71.7	56.2	84.4
101	10.5	7.8	11.6
130	20.4	16.2	24.2



#20
3+4-Methylphenols
Concen: 46.413 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:	107	Resp:	149292
Ion	Ratio	Lower	Upper
107	100		
108	82.7	68.0	108.0
77	33.9	15.6	55.6
79	30.0	9.9	49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

Tgt Ion:136 Resp: 158628

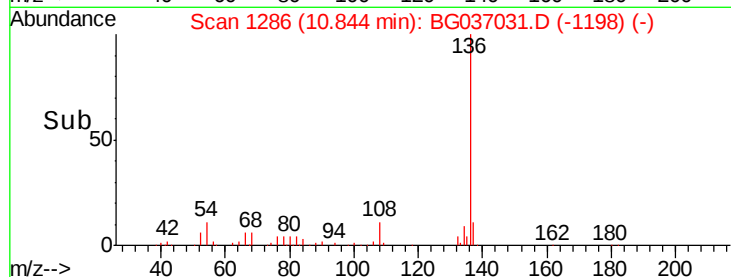
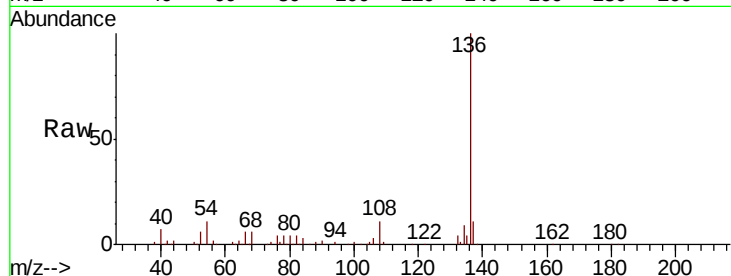
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.5 9.2 13.8

68 6.2 5.8 8.6

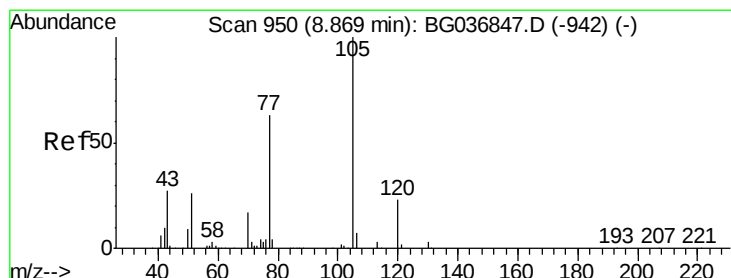
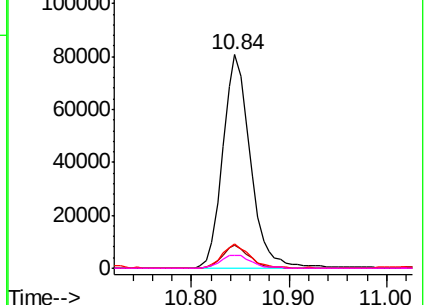


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.206 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Tgt Ion:105 Resp: 187152

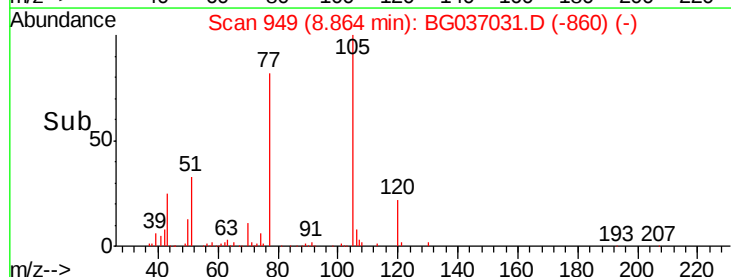
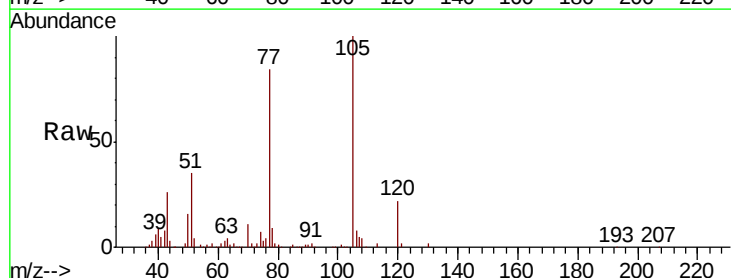
Ion Ratio Lower Upper

105 100

71 1.7 2.4 3.6#

51 34.8 25.9 38.9

120 22.3 19.4 29.0

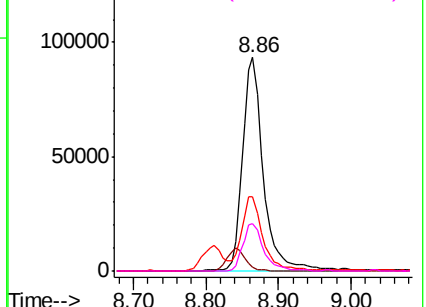


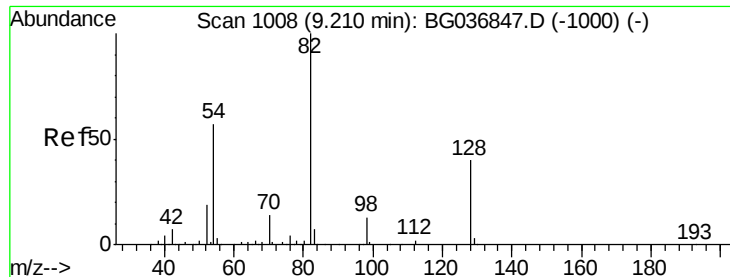
Abundance Ion 105.00 (104.70 to 105.70): E

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

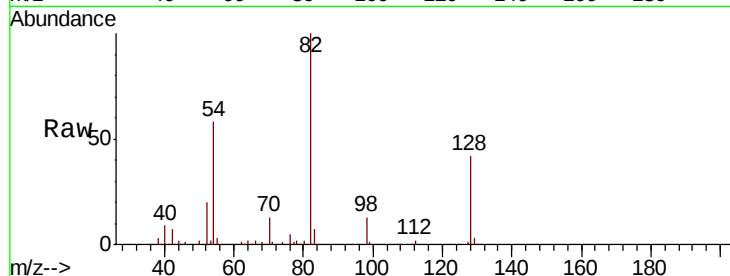




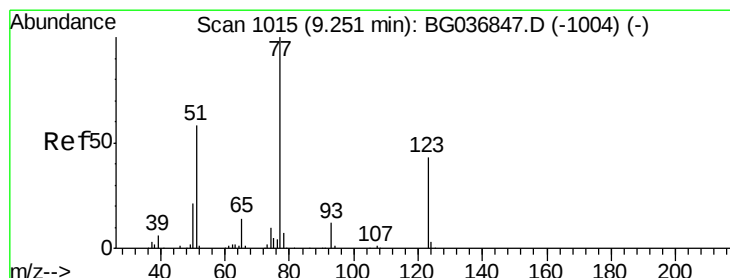
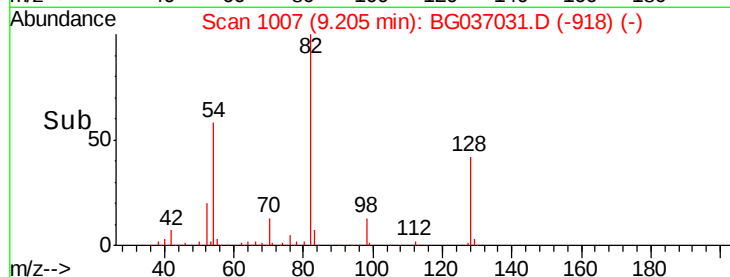
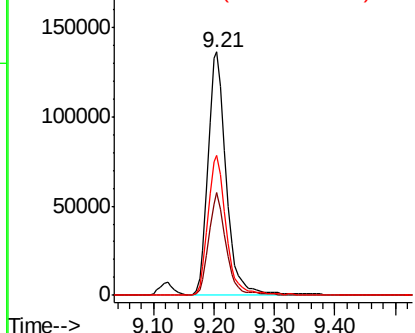
#23
Nitrobenzene-d5
Concen: 97.008 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Instrument :
BNA_G
ClientSampleId :
PB113286BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	57.6	45.1	67.7

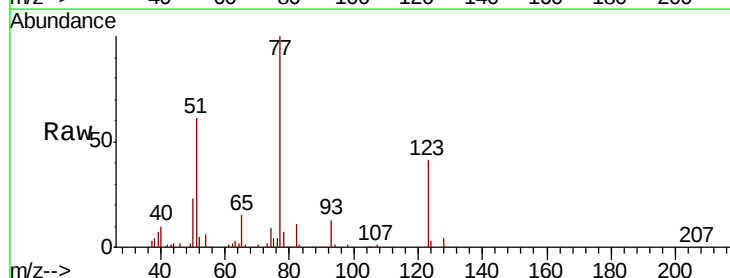


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

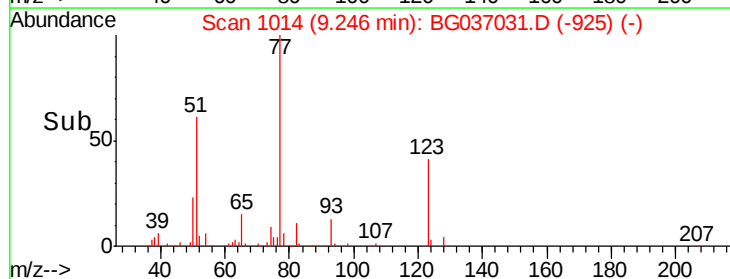
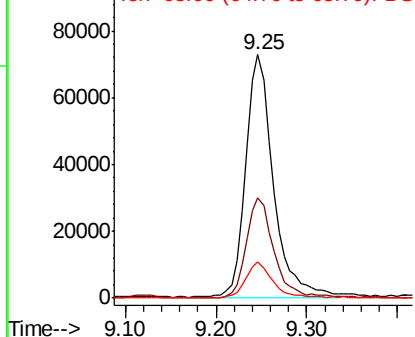


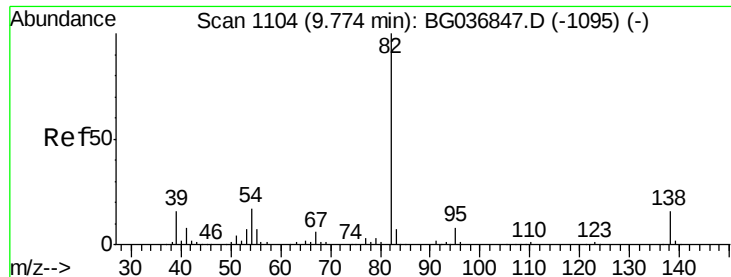
#24
Nitrobenzene
Concen: 48.339 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	32.4	48.6
65	14.6	11.5	17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 53.726 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

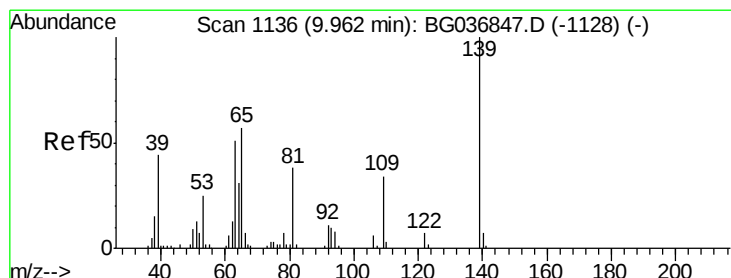
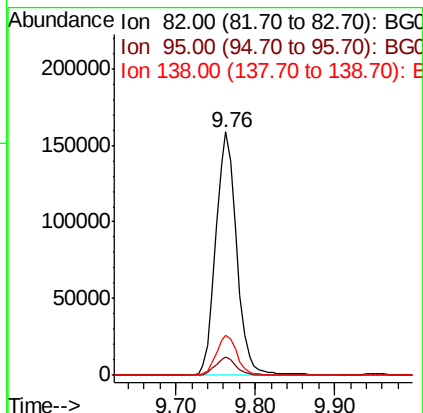
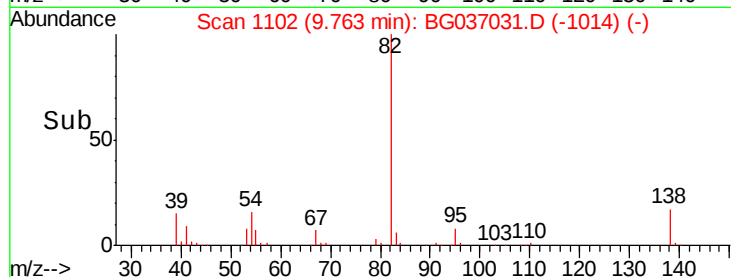
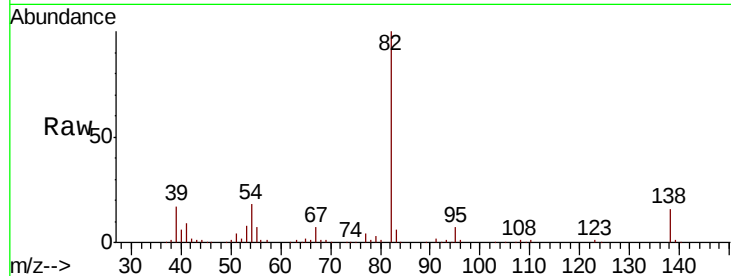
Tgt Ion: 82 Resp: 290792

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 53.278 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

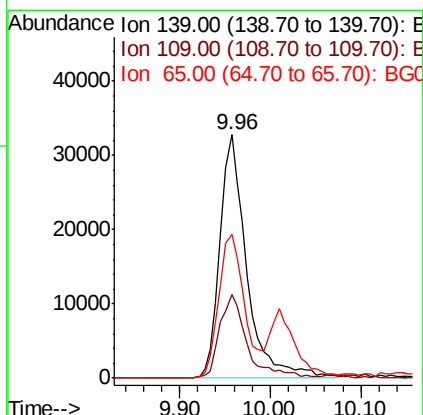
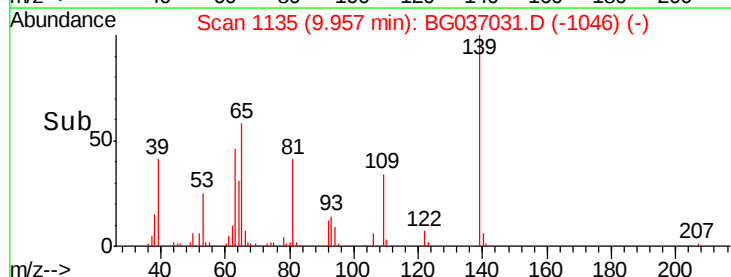
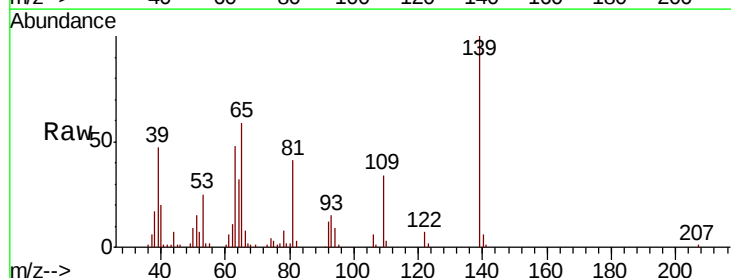
Tgt Ion: 139 Resp: 67178

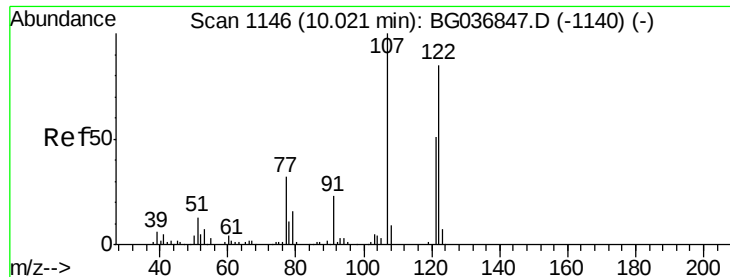
Ion Ratio Lower Upper

139 100

109 34.2 27.4 41.0

65 58.9 47.8 71.6

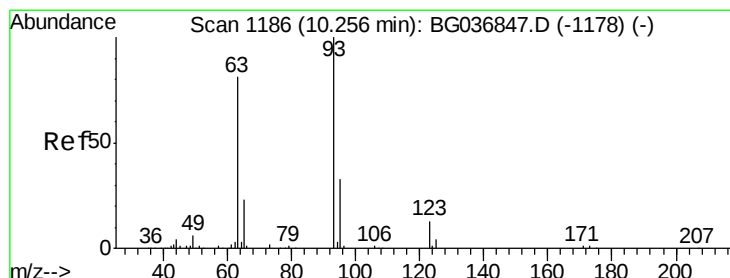
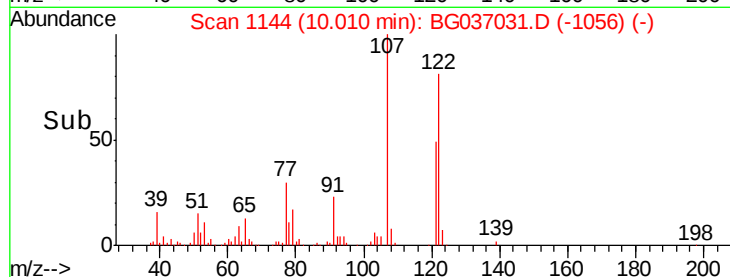
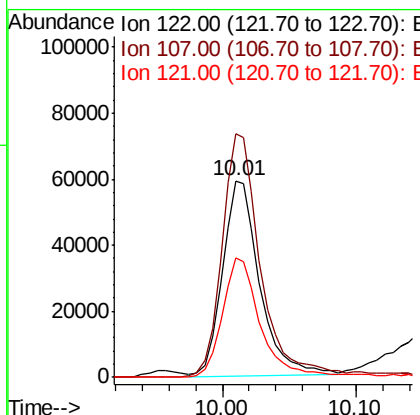
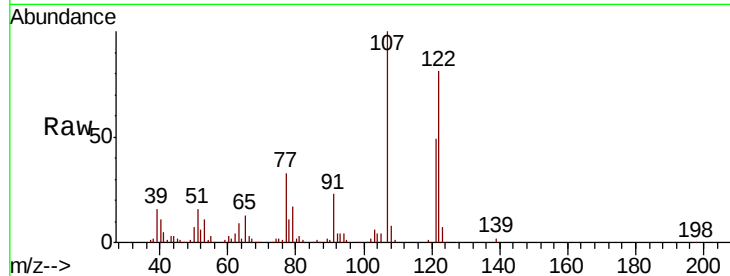




#27
2,4-Dimethylphenol
Concen: 58.213 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

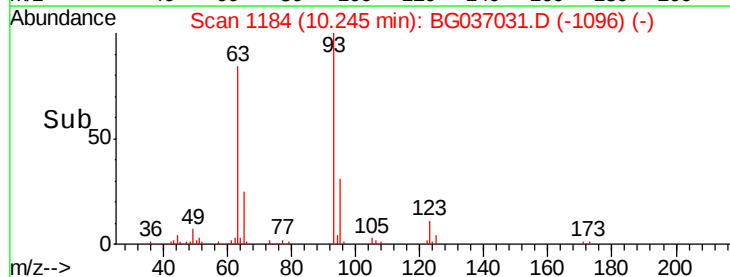
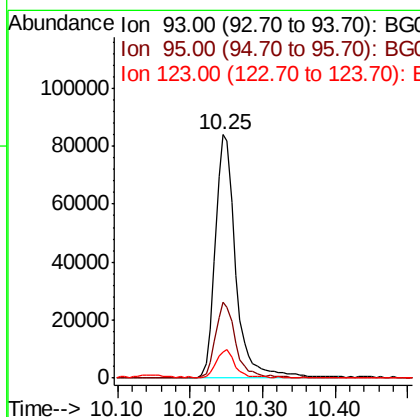
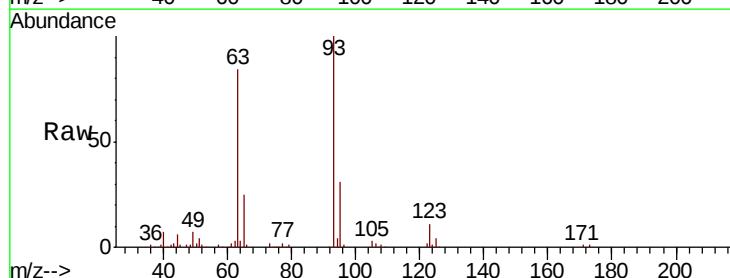
Instrument :
BNA_G
ClientSampleId :
PB113286BS

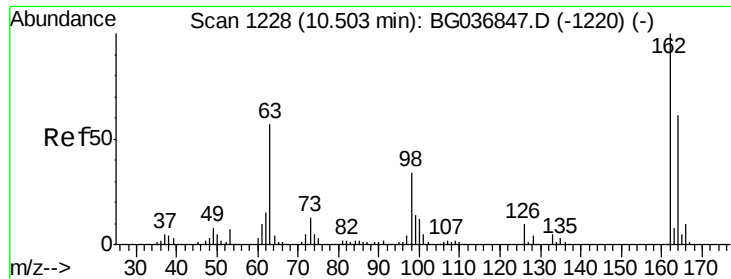
Tgt Ion:122 Resp: 114336
Ion Ratio Lower Upper
122 100
107 123.9 96.0 144.0
121 60.6 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.620 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion: 93 Resp: 165723
Ion Ratio Lower Upper
93 100
95 31.1 25.2 37.8
123 10.8 8.6 12.8

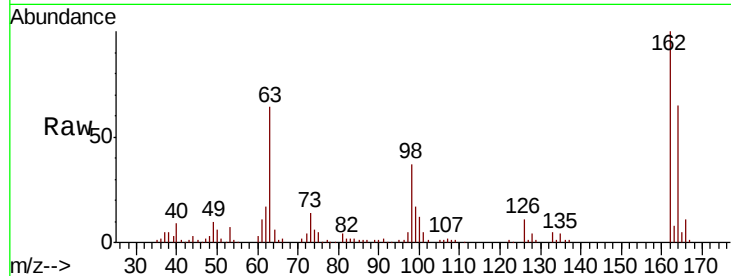




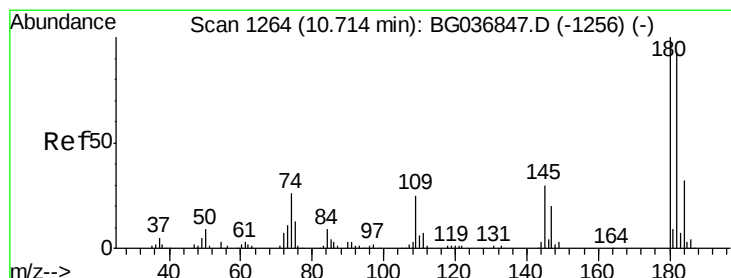
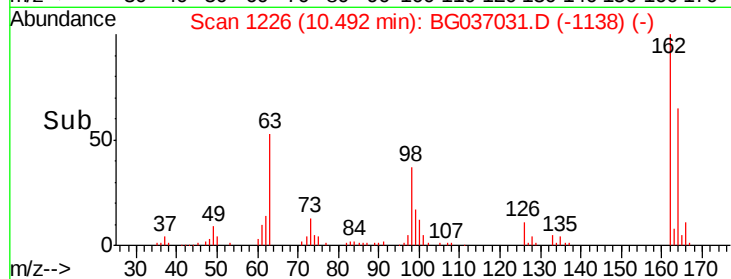
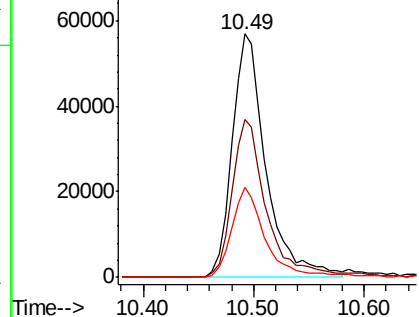
#29
 2,4-Dichlorophenol
 Concen: 53.602 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	47.6	87.6
98	37.2	19.2	59.2

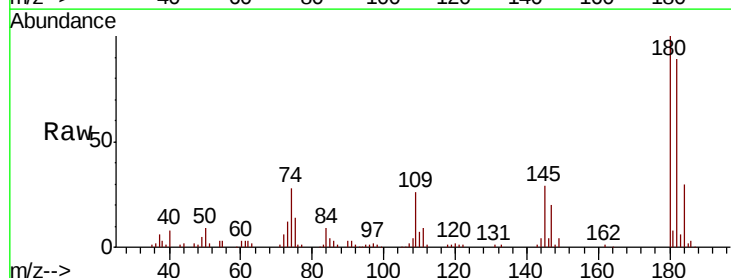


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

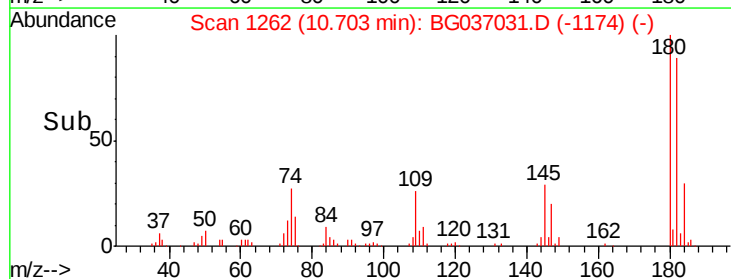
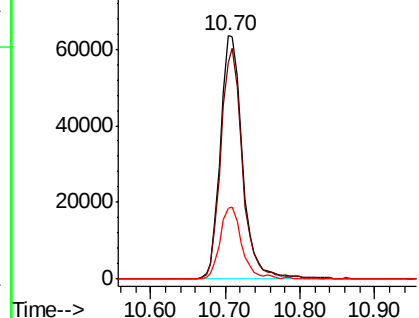


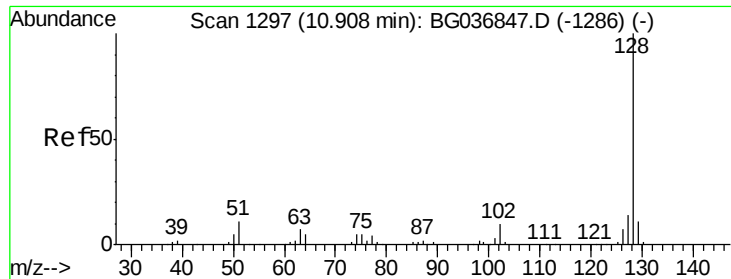
#30
 1,2,4-Trichlorobenzene
 Concen: 45.933 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.1	76.0	114.0
145	29.3	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

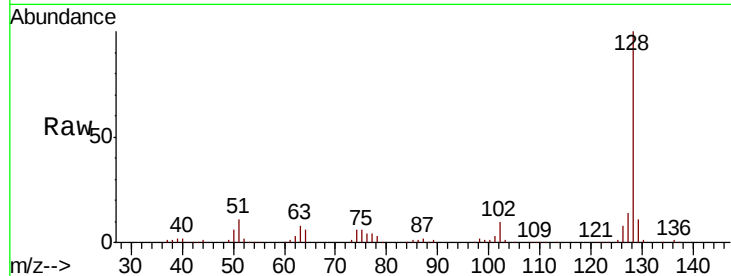




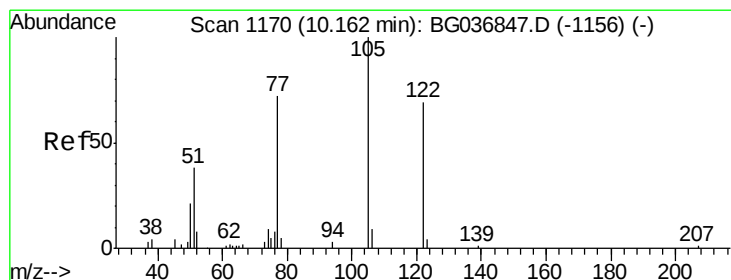
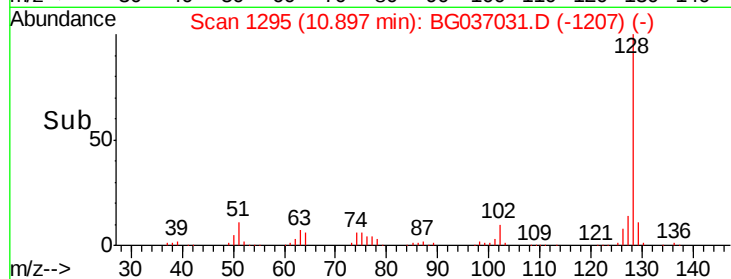
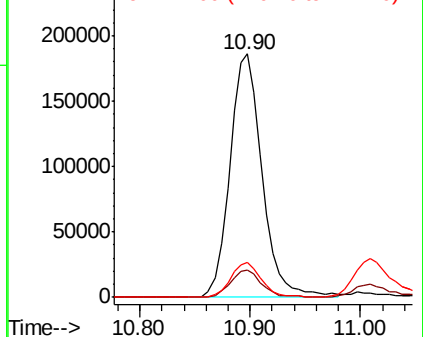
#31
Naphthalene
Concen: 50.396 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Instrument :
BNA_G
ClientSampleId :
PB113286BS

Tgt Ion:128 Resp: 380374
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 14.4 11.0 16.4

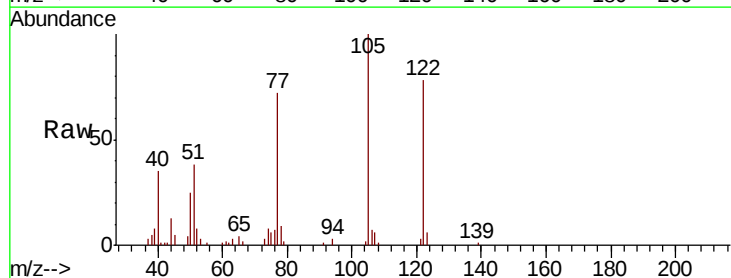


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

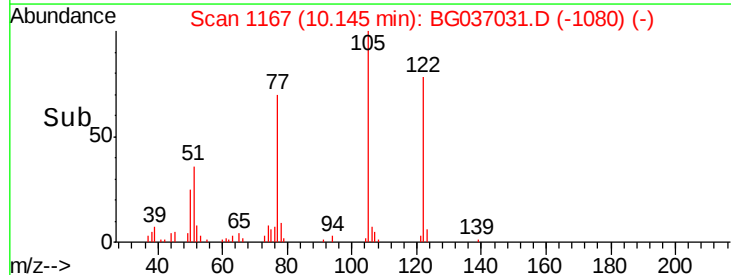
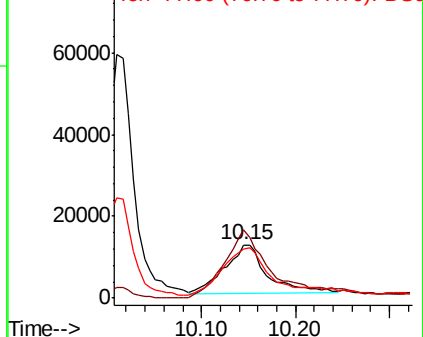


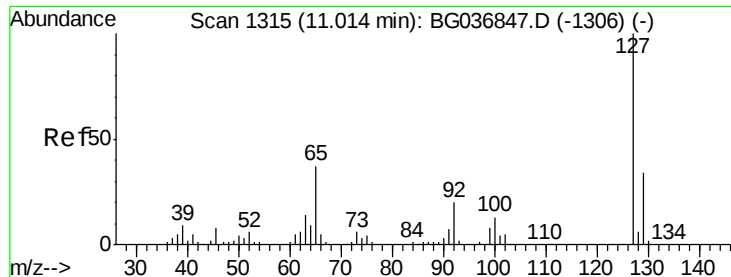
#32
Benzoic acid
Concen: 28.102 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:122 Resp: 38158
Ion Ratio Lower Upper
122 100
105 127.4 108.1 148.1
77 92.2 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

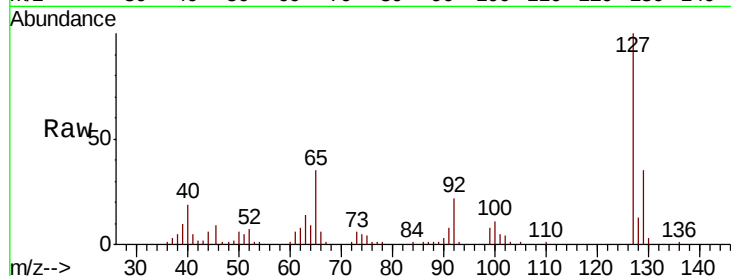




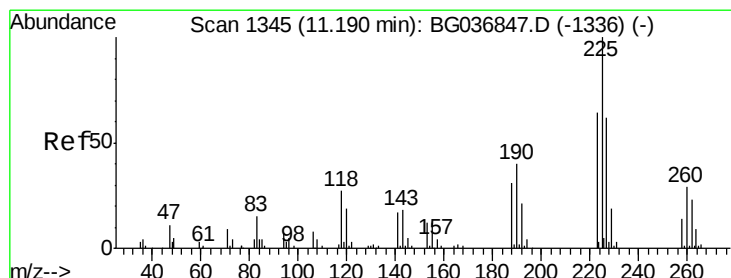
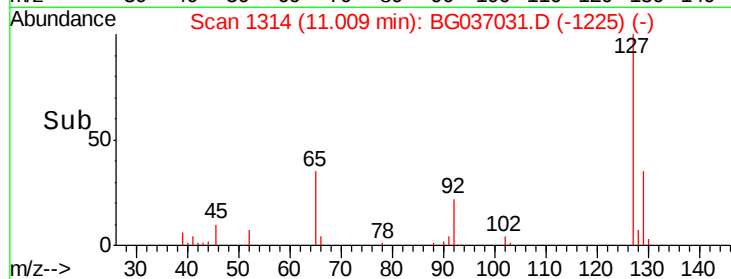
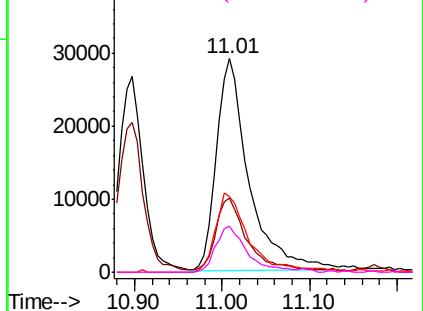
#33
4-Chloroaniline
Concen: 21.547 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Instrument :
BNA_G
ClientSampleId :
PB113286BS

Tgt Ion:127 Resp: 73943
Ion Ratio Lower Upper
127 100
129 34.8 25.9 38.9
65 35.5 27.5 41.3
92 21.5 16.2 24.2

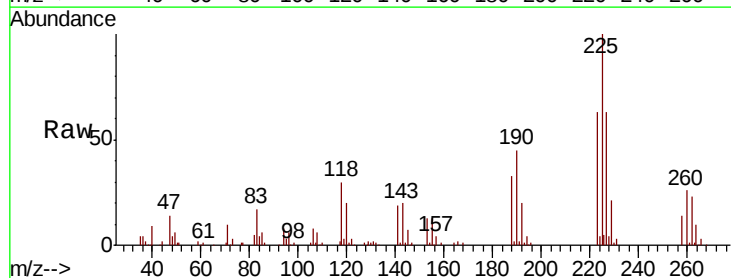


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

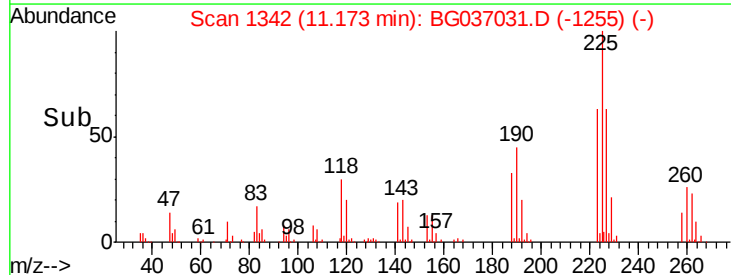
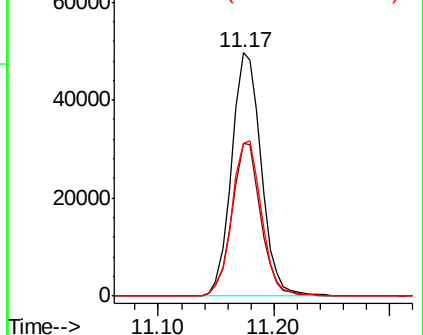


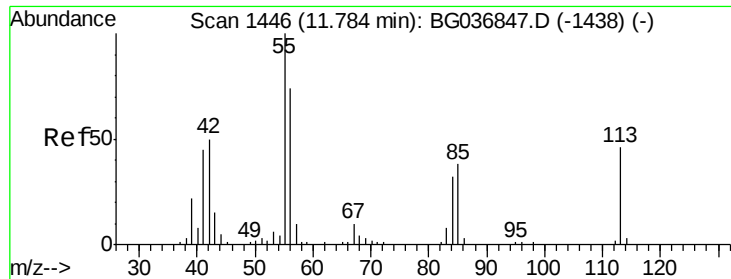
#34
Hexachlorobutadiene
Concen: 44.721 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:225 Resp: 88121
Ion Ratio Lower Upper
225 100
223 62.7 51.8 77.8
227 62.8 49.8 74.6



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

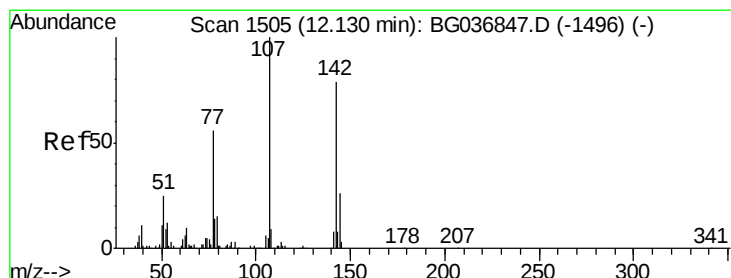
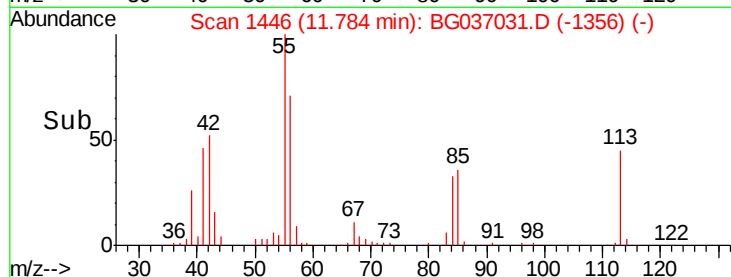
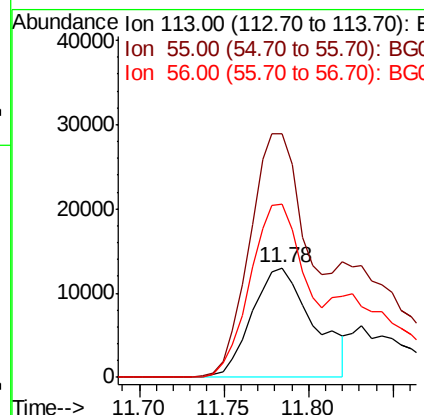
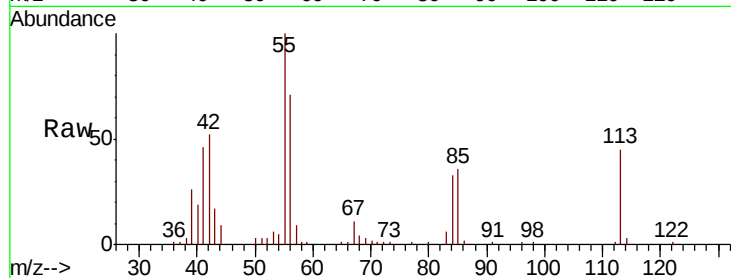




#35
 Caprolactam
 Concen: 34.889 ng
 RT: 11.78 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

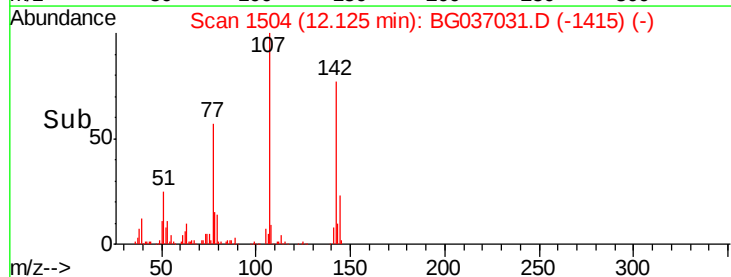
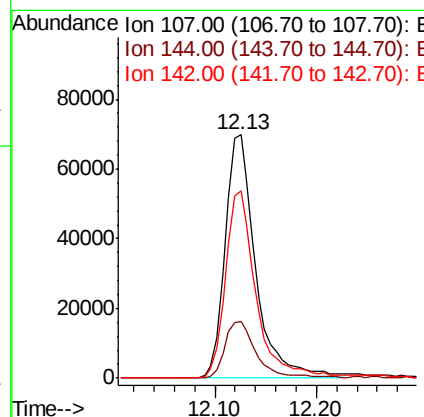
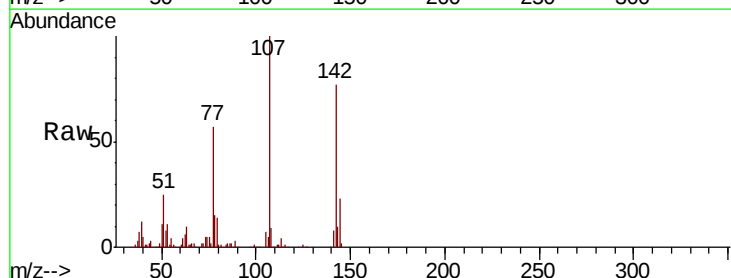
Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

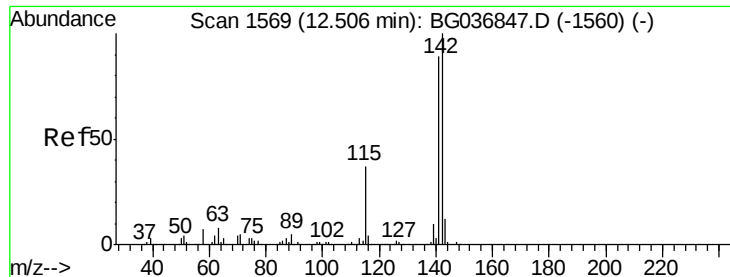
Tgt Ion:113 Resp: 32695
 Ion Ratio Lower Upper
 113 100
 55 222.3 197.7 237.7
 56 158.7 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 53.758 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion:107 Resp: 146045
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.5 29.3
 142 77.1 62.4 93.6

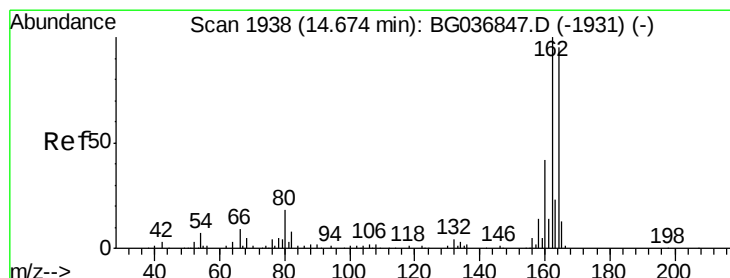
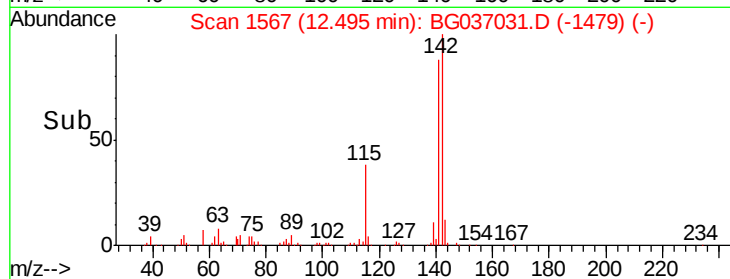
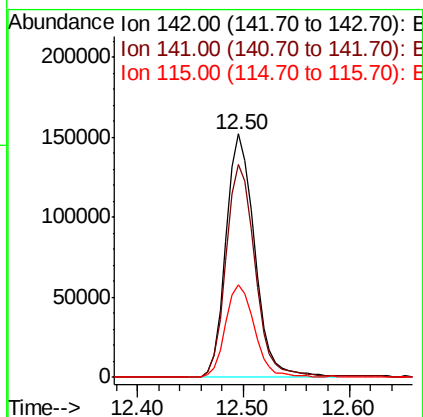
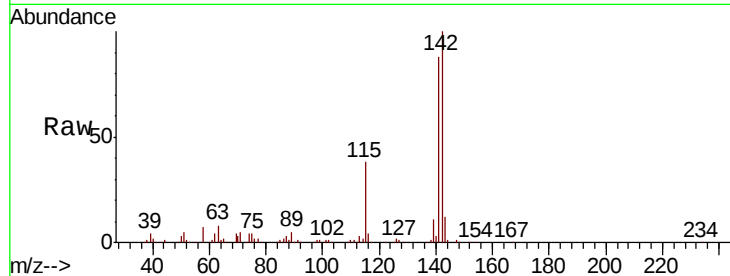




#37
2-Methylnaphthalene
Concen: 50.003 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

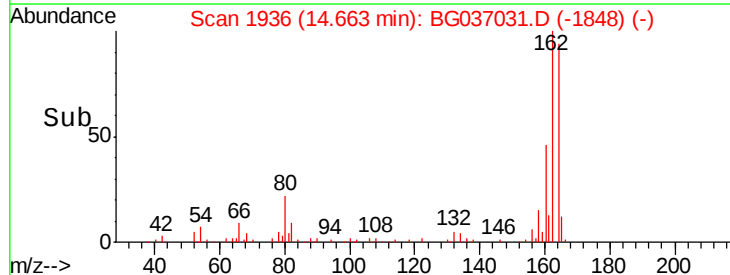
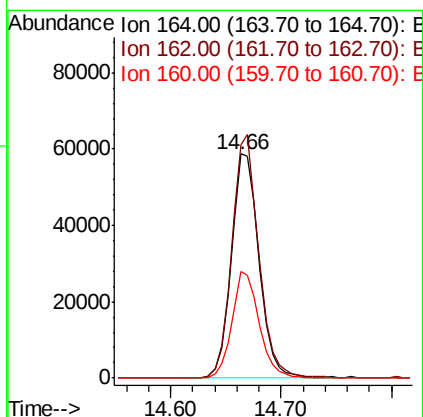
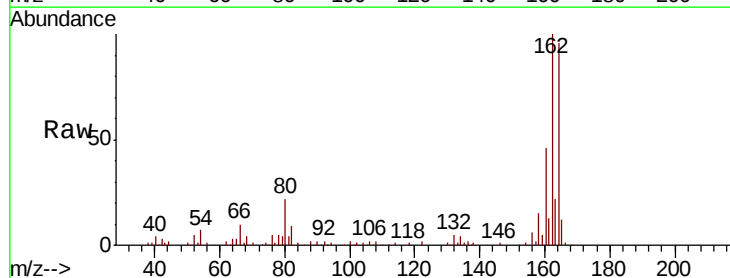
Instrument :
BNA_G
ClientSampleId :
PB113286BS

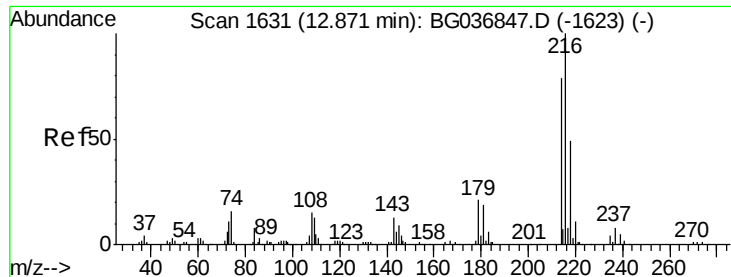
Tgt Ion:142 Resp: 287440
Ion Ratio Lower Upper
142 100
141 87.5 68.5 102.7
115 38.1 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:164 Resp: 103206
Ion Ratio Lower Upper
164 100
162 104.0 80.7 121.1
160 47.6 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.301 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

Tgt Ion:216 Resp: 163066

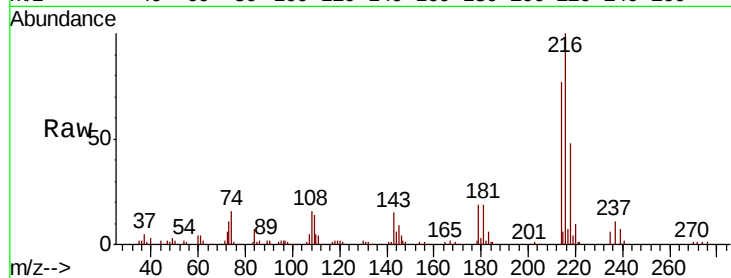
Ion Ratio Lower Upper

216 100

214 77.8 61.0 91.6

179 19.3 15.7 23.5

108 19.1 13.1 19.7

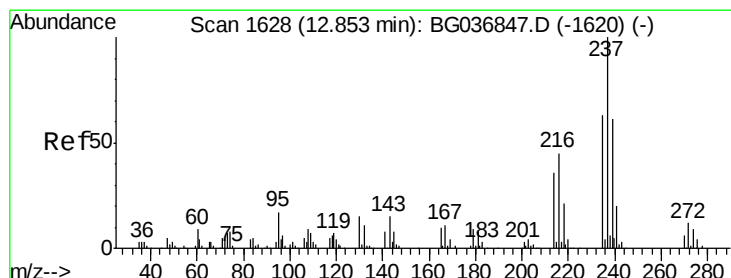
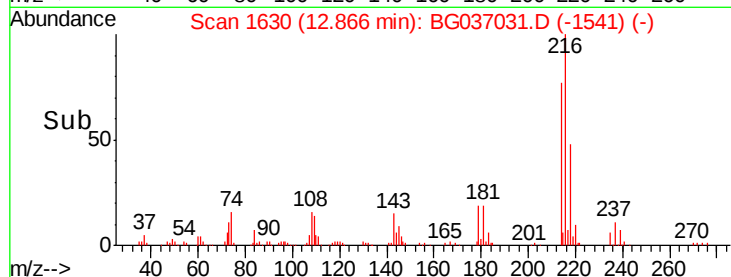
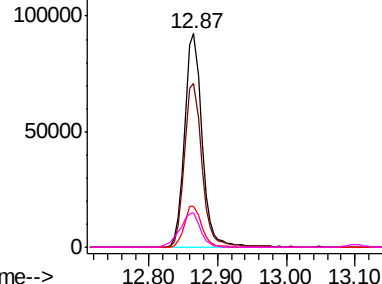


Abundance Ion 216.00 (215.70 to 216.70): E

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: 109.882 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

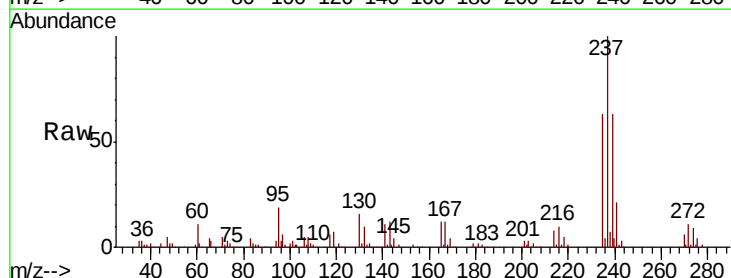
Tgt Ion:237 Resp: 203426

Ion Ratio Lower Upper

237 100

235 62.8 42.2 82.2

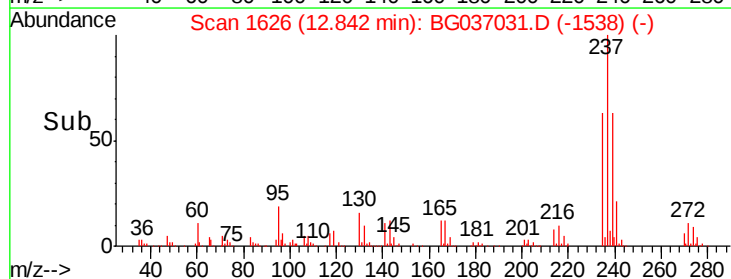
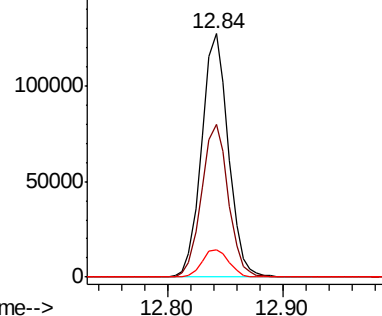
272 11.4 0.0 32.1

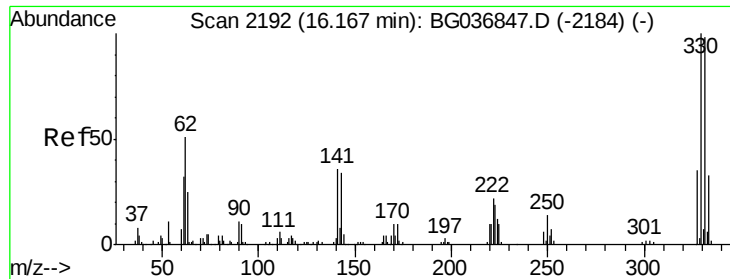


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

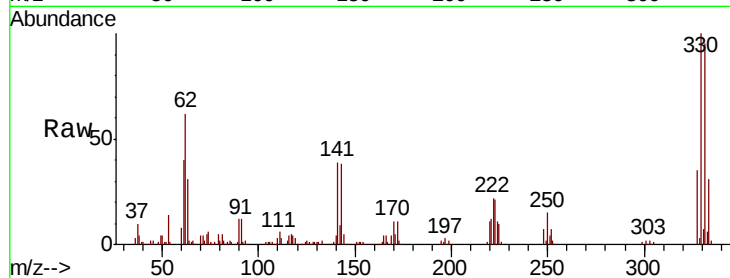




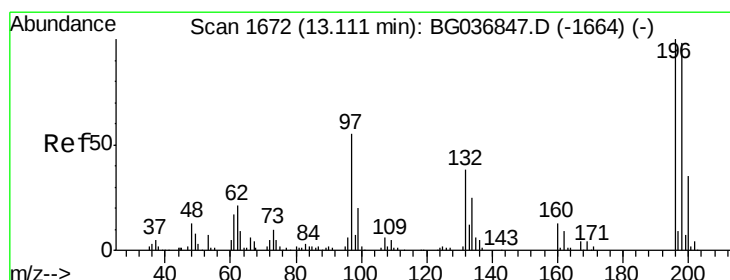
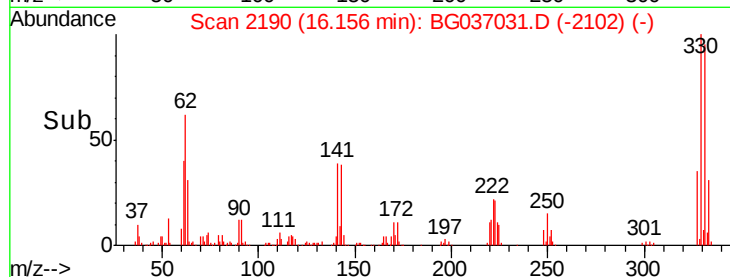
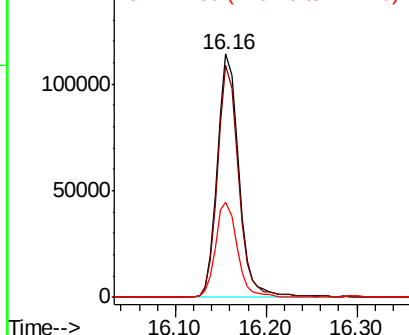
#41
 2,4,6-Tribromophenol
 Concen: 152.074 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion:330 Resp: 187781
 Ion Ratio Lower Upper
 330 100
 332 93.9 75.4 113.2
 141 39.8 30.7 46.1

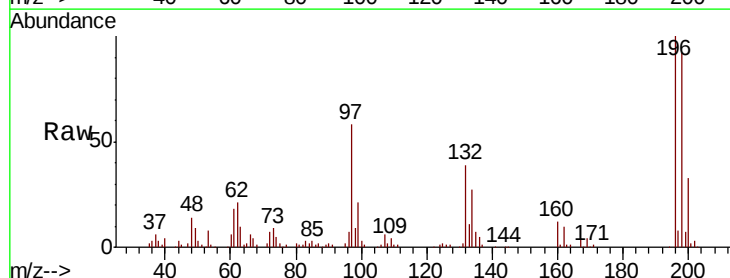


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

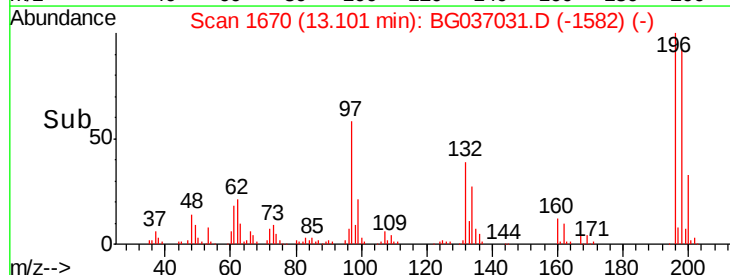
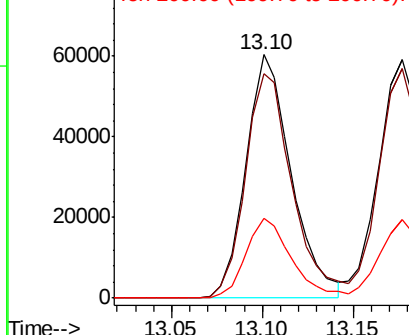


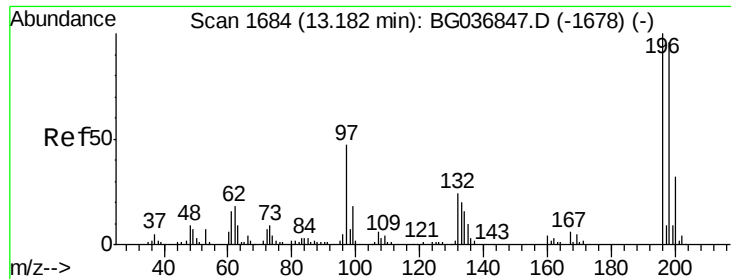
#42
 2,4,6-Trichlorophenol
 Concen: 52.491 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion:196 Resp: 104924
 Ion Ratio Lower Upper
 196 100
 198 92.4 77.2 115.8
 200 32.7 26.3 39.5



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

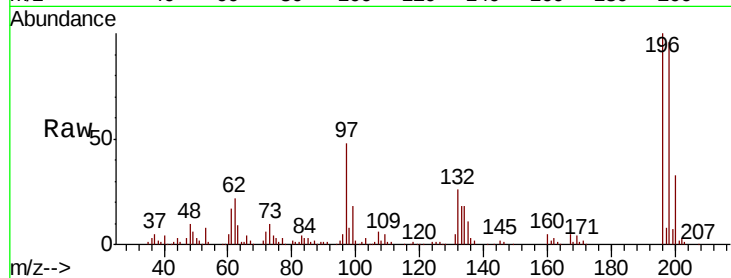




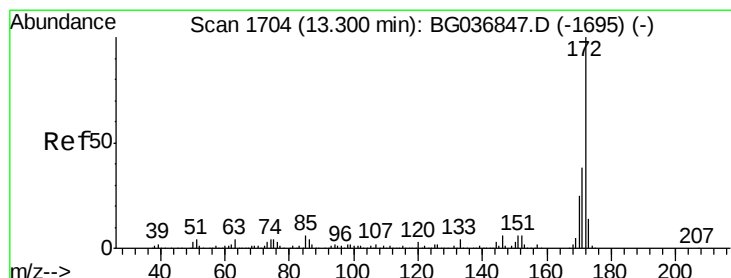
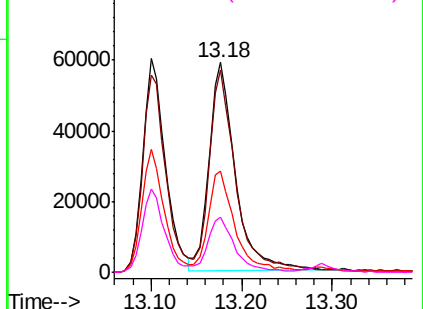
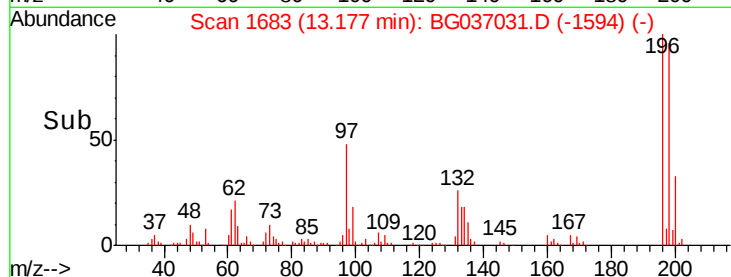
#43
 2,4,5-Trichlorophenol
 Concen: 56.113 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampled :
 PB113286BS

Tgt Ion:	196	Resp:	119602
Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.6	113.4
97	48.4	37.2	55.8
132	26.1	19.4	29.2

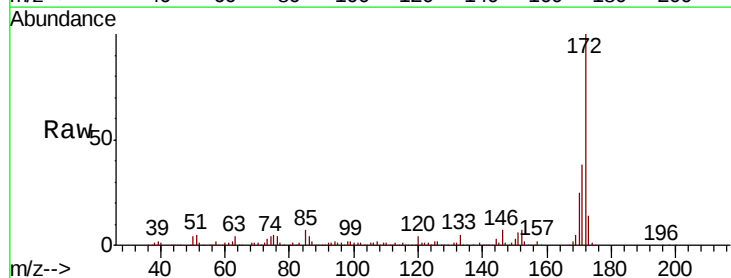


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

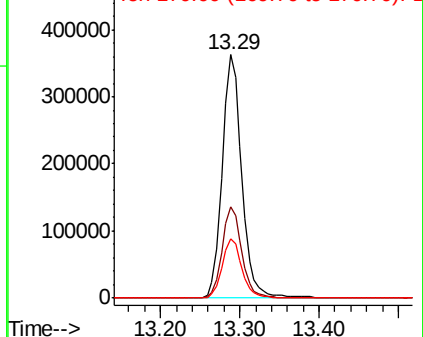
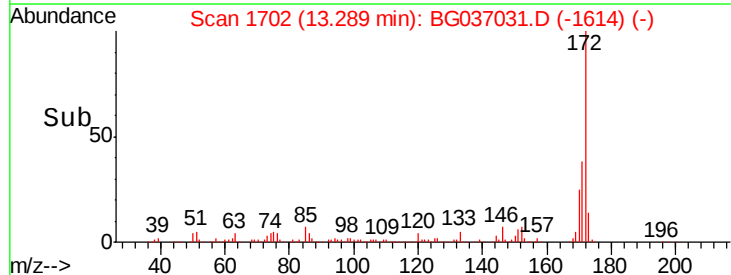


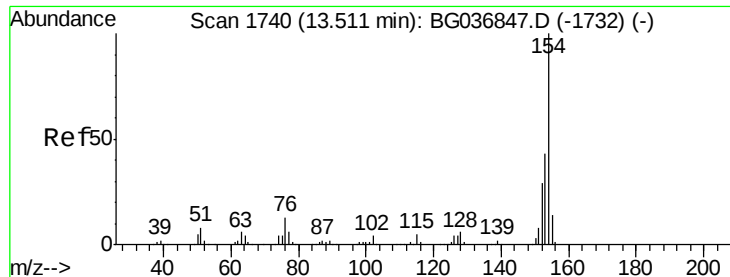
#44
 2-Fluorobiphenyl
 Concen: 89.211 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion:	172	Resp:	618180
Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.5	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

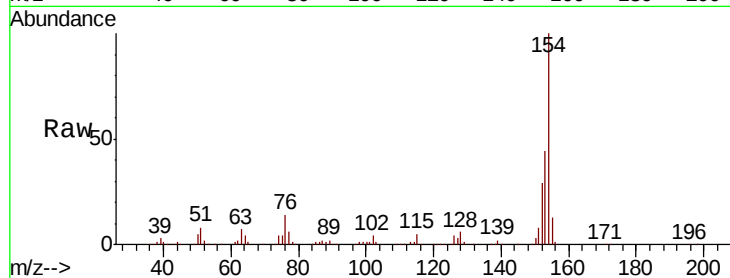




#45
 1,1'-Biphenyl
 Concen: 48.363 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	24.0	64.0
76	13.8	0.0	32.9

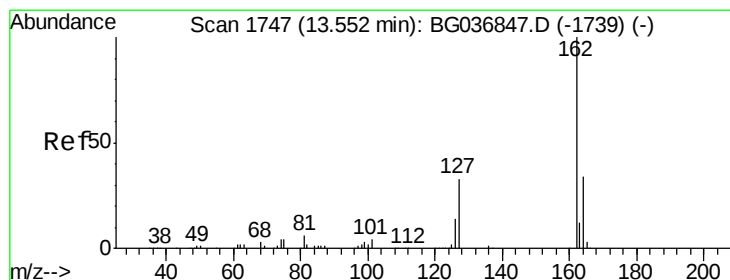
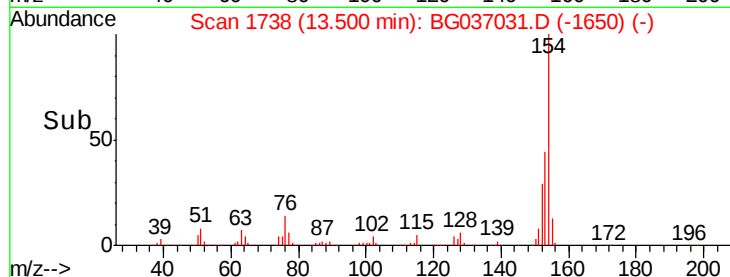
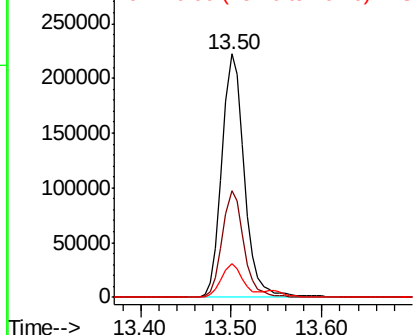


Abundance

Ion 154.00 (153.70 to 154.70): E

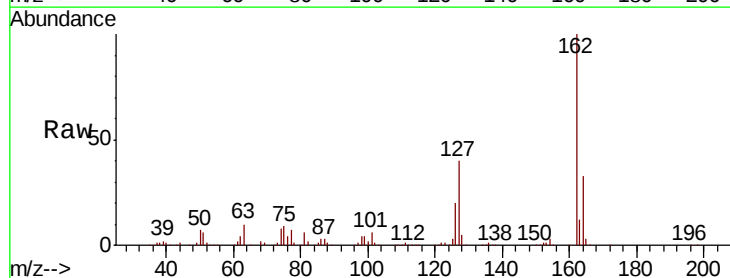
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 46.205 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.7	46.1
164	32.8	26.7	40.1

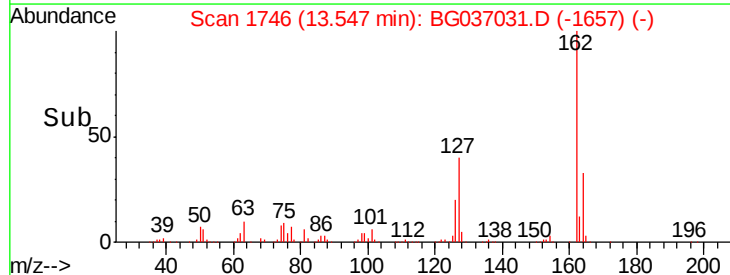
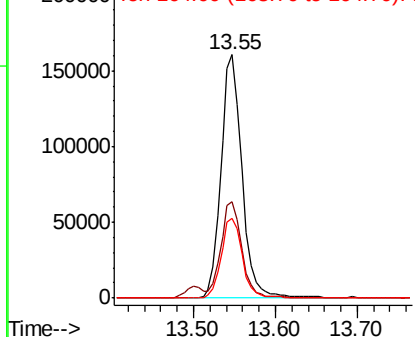


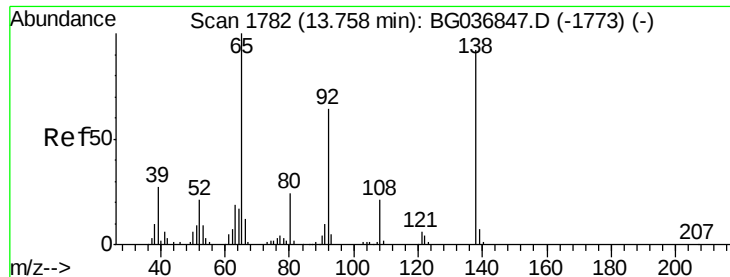
Abundance

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: 54.542 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

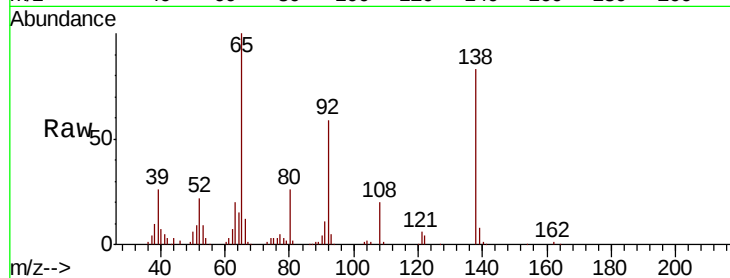
Tgt Ion: 65 Resp: 117264

Ion Ratio Lower Upper

65 100

92 59.4 49.9 74.9

138 83.4 76.2 114.4

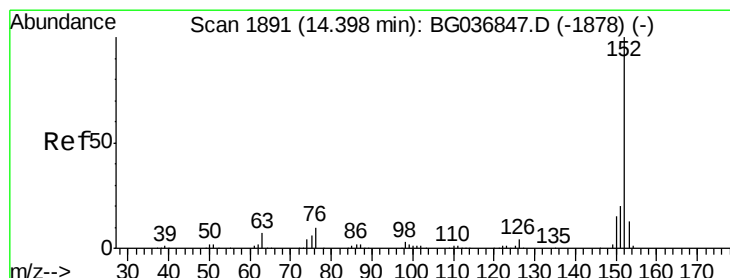
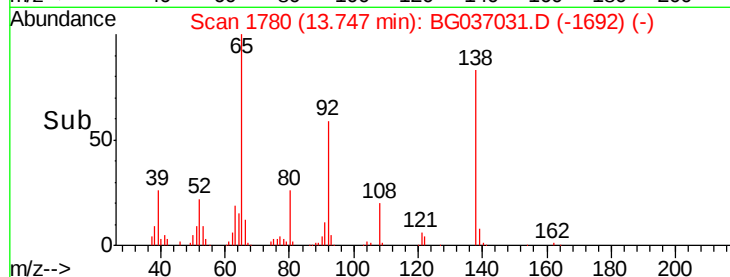
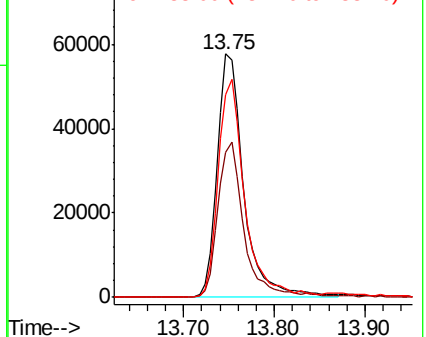


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 51.884 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

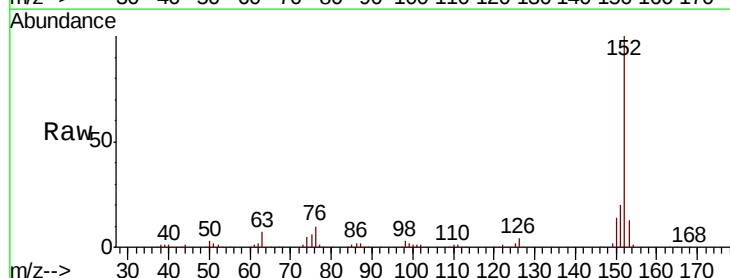
Tgt Ion: 152 Resp: 505367

Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

153 13.3 11.2 16.8

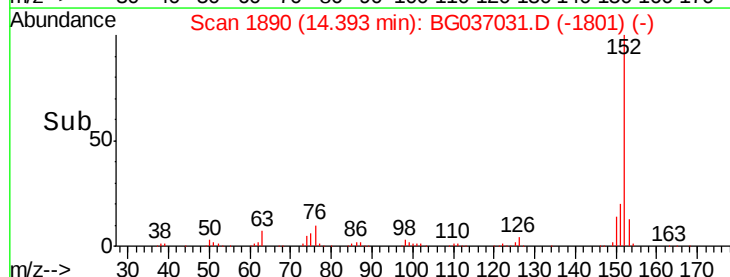
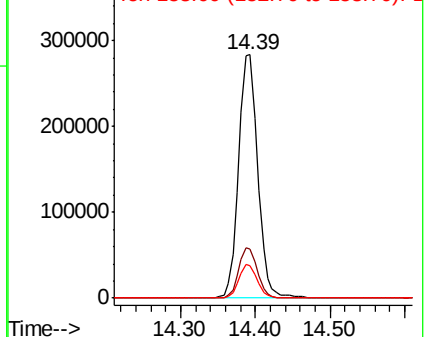


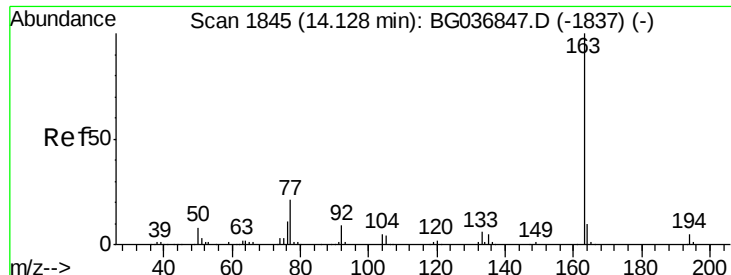
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 49.500 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

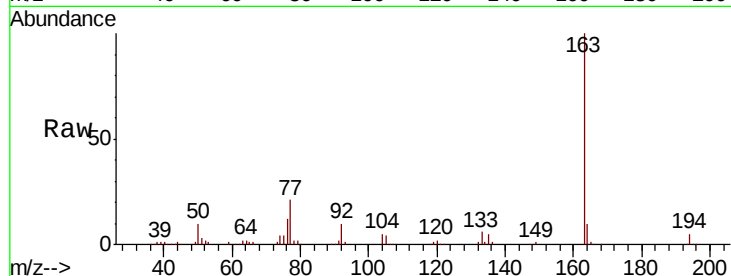
Tgt Ion:163 Resp: 411218

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

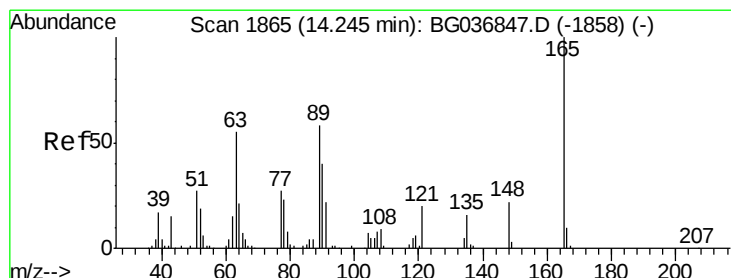
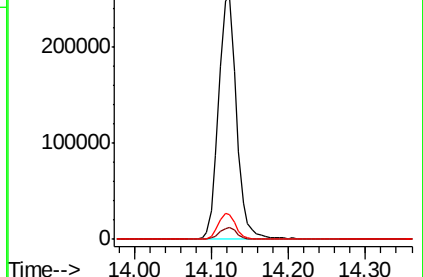
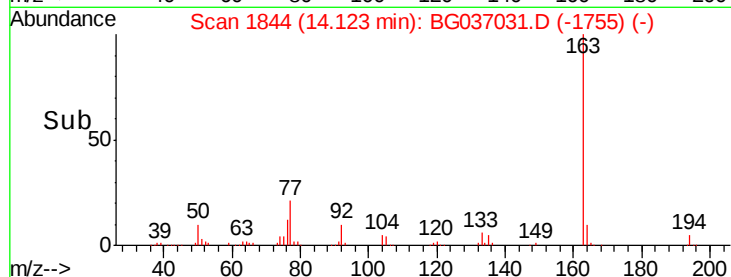
164 10.1 8.1 12.1



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: 50.132 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

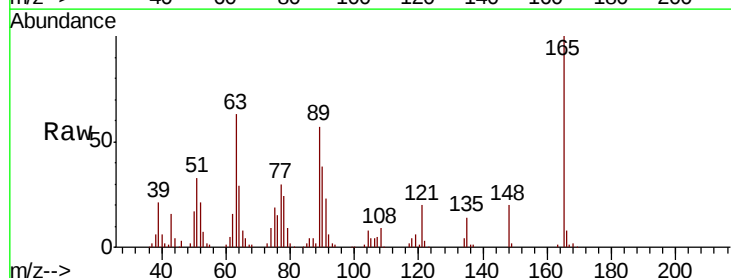
Tgt Ion:165 Resp: 90866

Ion Ratio Lower Upper

165 100

63 62.7 50.1 75.1

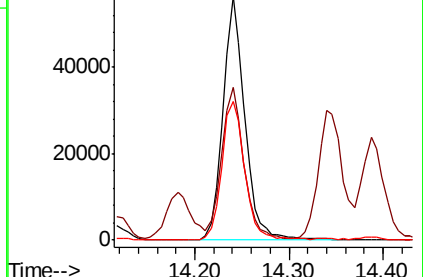
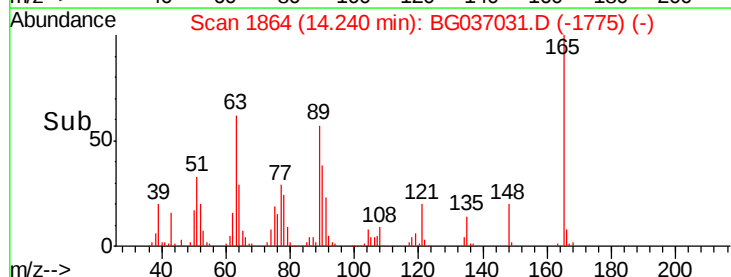
89 57.0 47.8 71.6

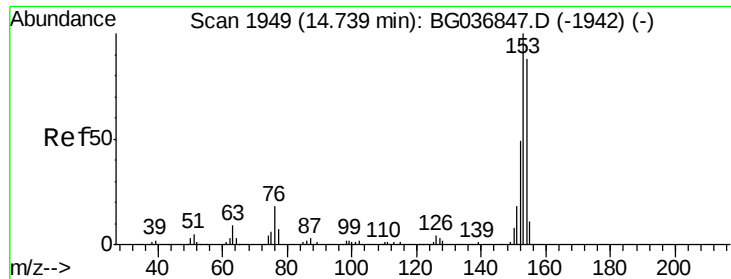


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 48.447 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

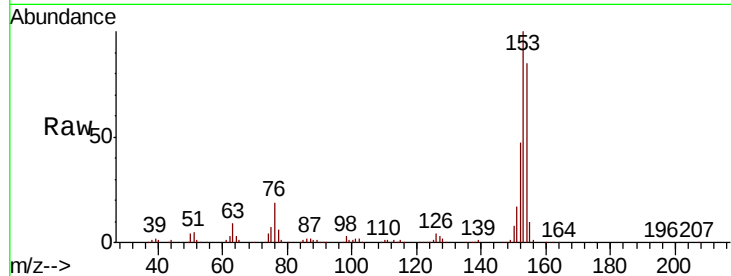
Tgt Ion:154 Resp: 285201

Ion Ratio Lower Upper

154 100

153 117.2 91.8 137.6

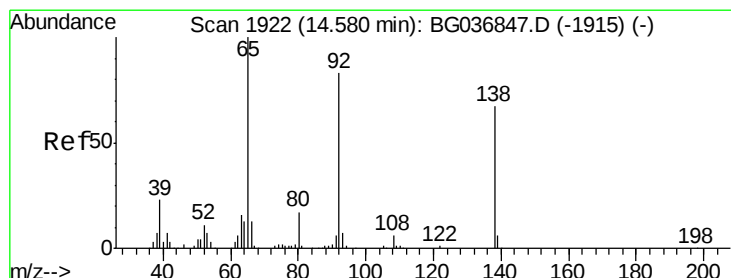
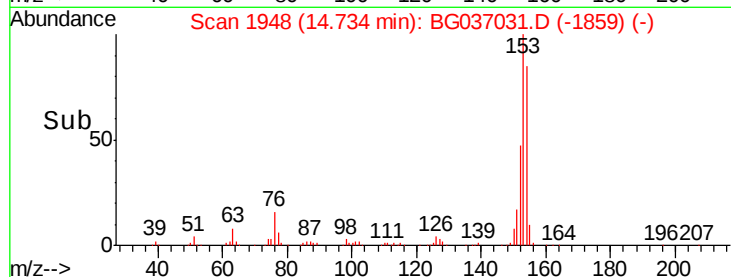
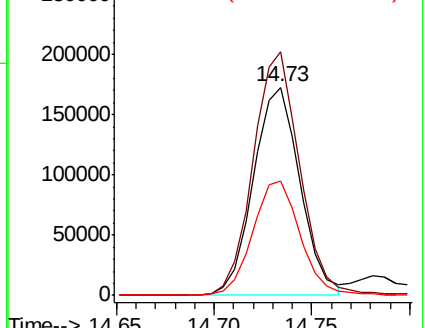
152 55.1 43.5 65.3



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: 31.700 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

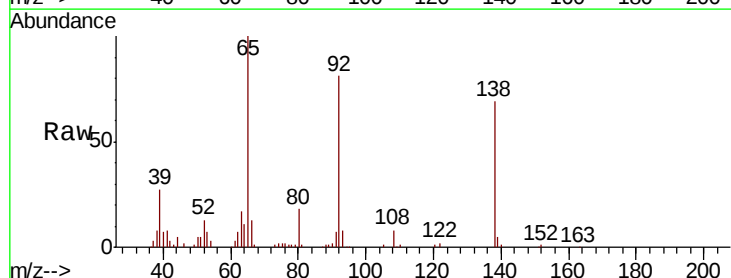
Tgt Ion:138 Resp: 60545

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

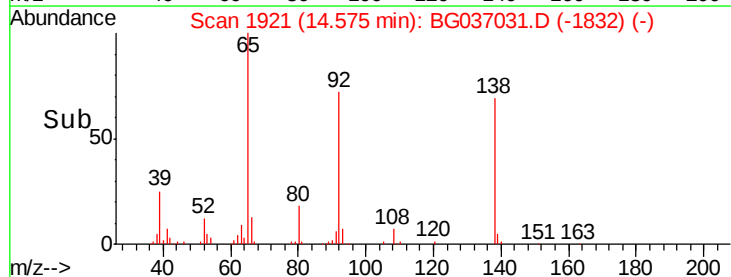
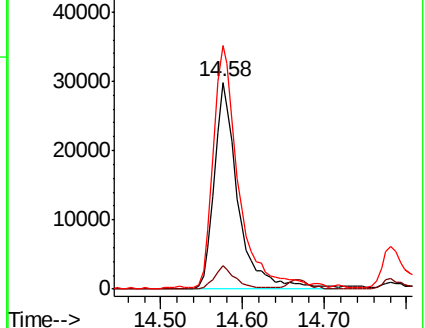
92 117.5 96.8 145.2

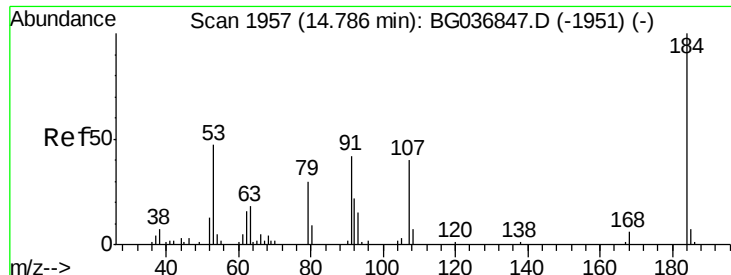


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

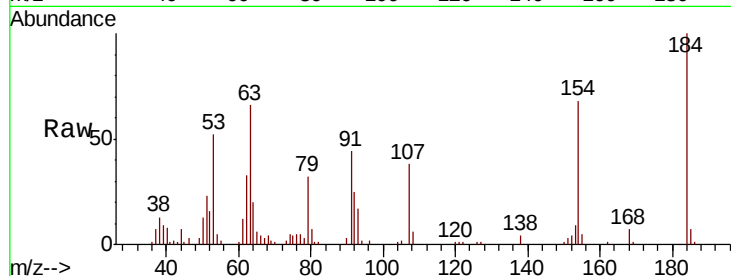




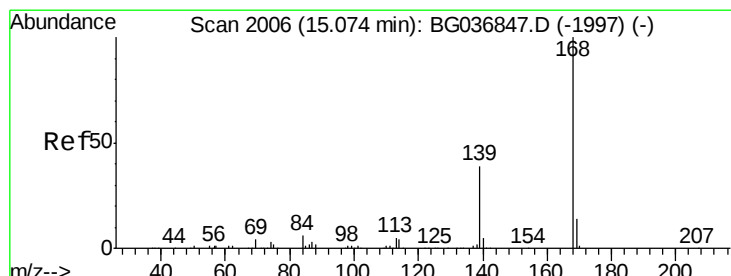
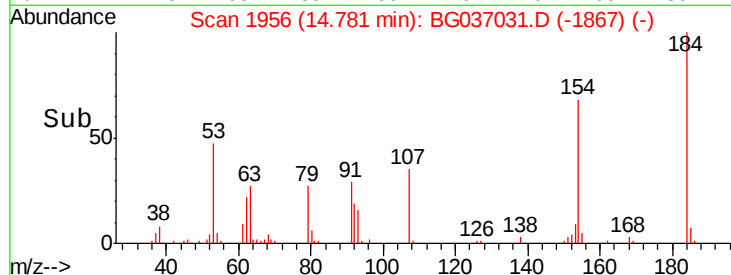
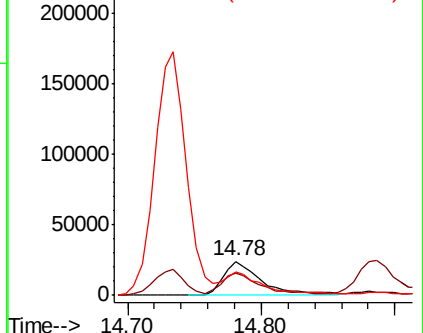
#53
2,4-Dinitrophenol
Concen: 59.837 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Instrument :
BNA_G
ClientSampleId :
PB113286BS

Tgt Ion:184 Resp: 49017
Ion Ratio Lower Upper
184 100
63 66.1 47.3 70.9
154 68.5 51.1 76.7

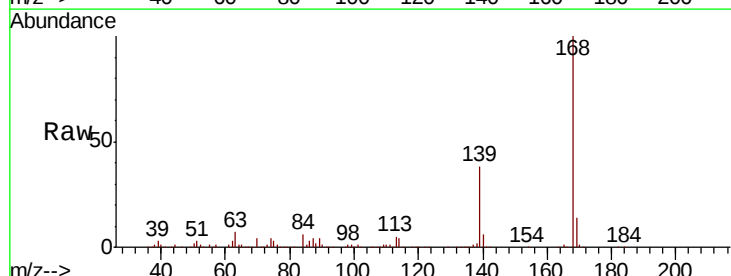


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

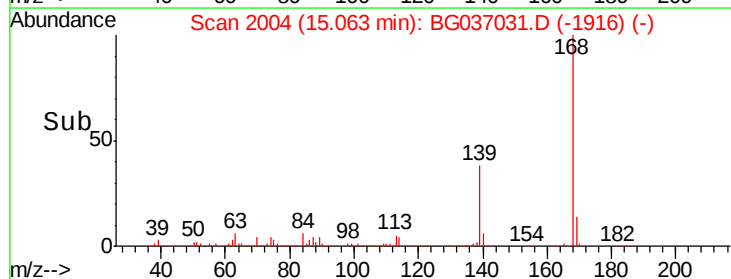
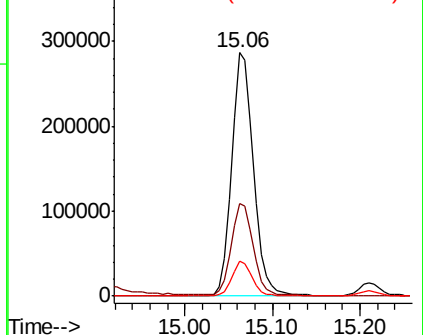


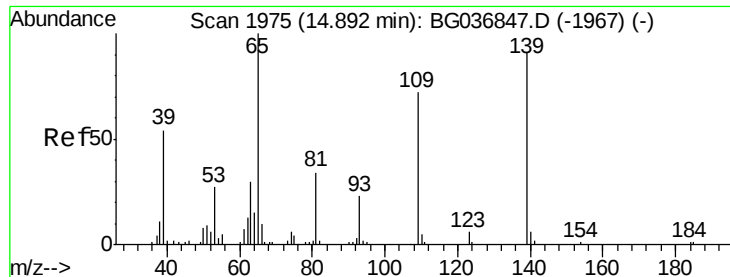
#54
Dibenzofuran
Concen: 48.678 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:168 Resp: 484709
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.6
169 14.2 11.1 16.7



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

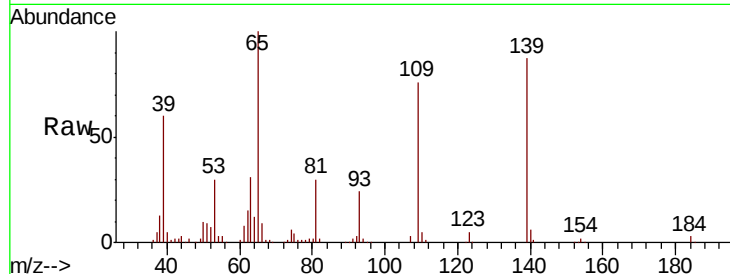




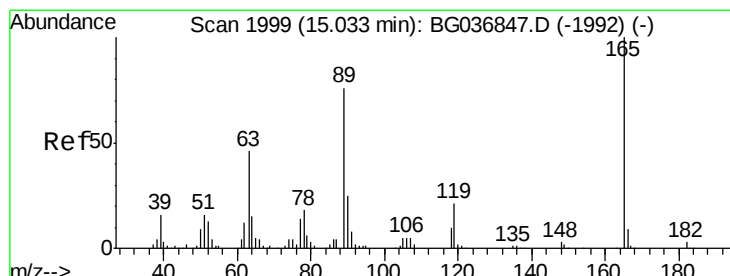
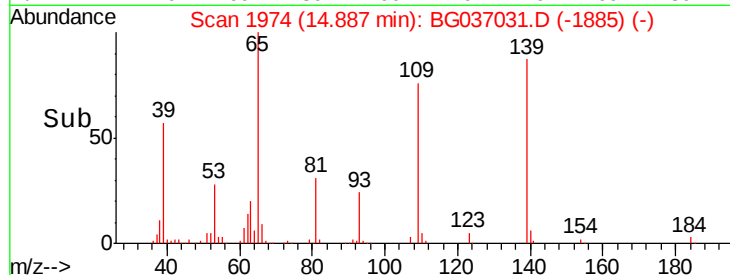
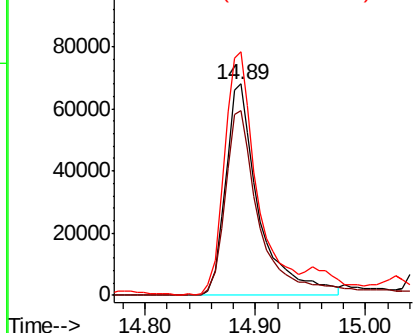
#55
4-Nitrophenol
Concen: 117.642 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Instrument :
BNA_G
ClientSampleId :
PB113286BS

Tgt Ion:139 Resp: 143541
Ion Ratio Lower Upper
139 100
109 87.2 63.9 103.9
65 115.1 90.0 130.0

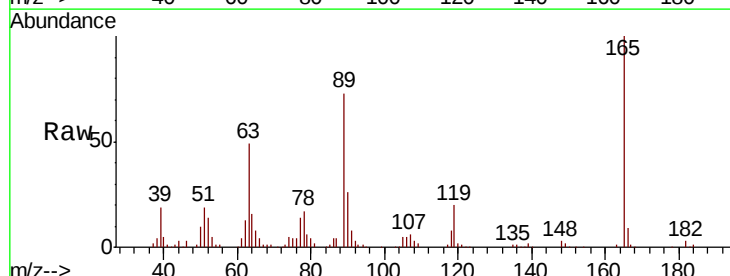


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

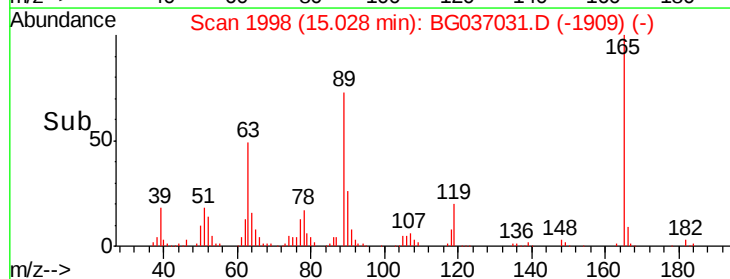
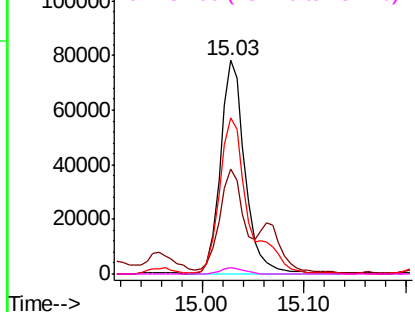


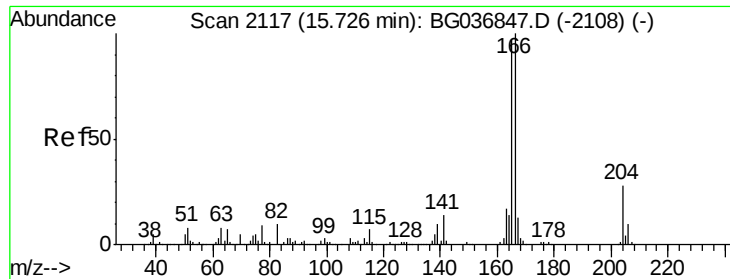
#56
2,4-Dinitrotoluene
Concen: 51.947 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:165 Resp: 131383
Ion Ratio Lower Upper
165 100
63 49.0 40.1 60.1
89 73.4 63.7 95.5
182 2.9 2.5 3.7



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 52.697 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

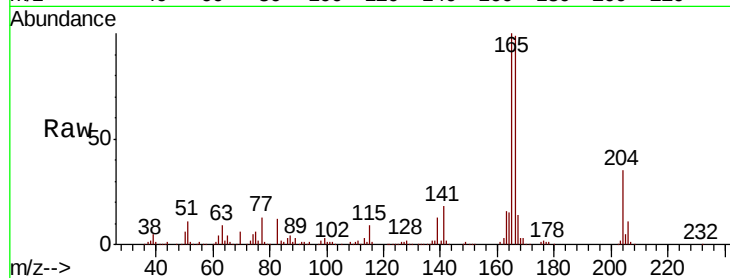
Tgt Ion:166 Resp: 392199

Ion Ratio Lower Upper

166 100

165 101.2 77.0 115.4

167 14.1 10.6 16.0

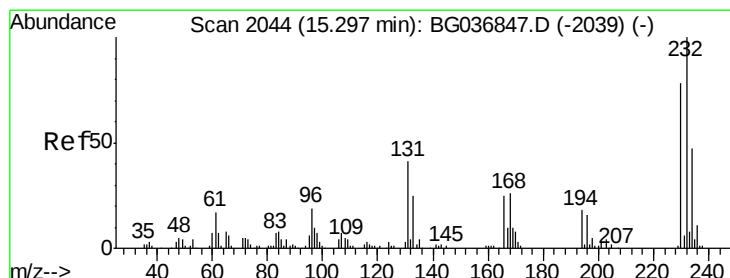
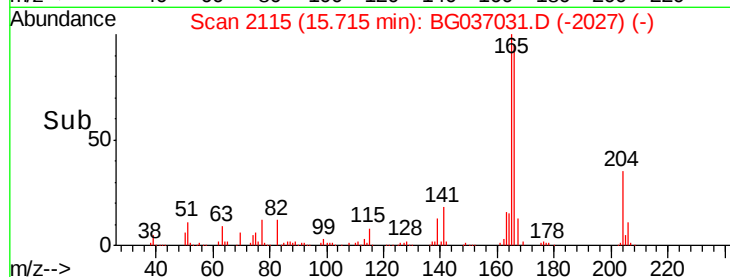
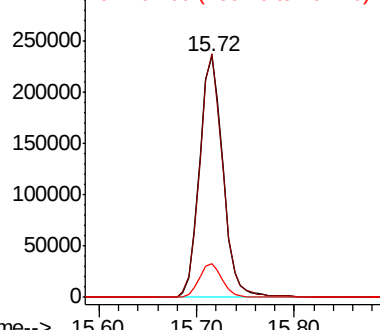


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.816 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Tgt Ion:232 Resp: 120686

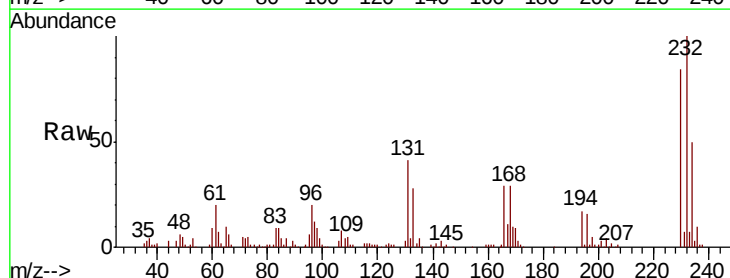
Ion Ratio Lower Upper

232 100

131 43.4 33.8 50.8

130 2.7 2.1 3.1

166 28.6 22.3 33.5



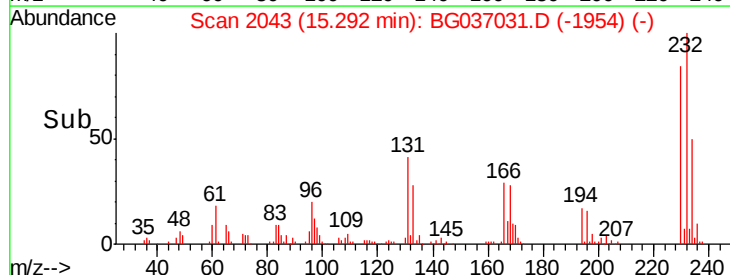
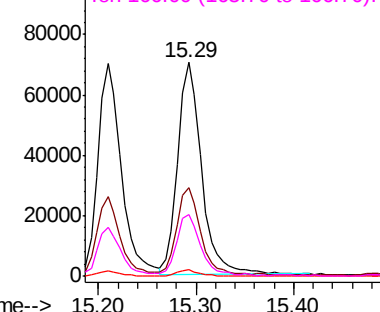
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.004 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

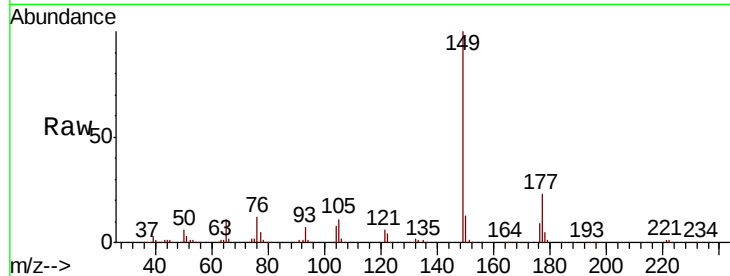
Tgt Ion:149 Resp: 418975

Ion Ratio Lower Upper

149 100

177 23.1 19.1 28.7

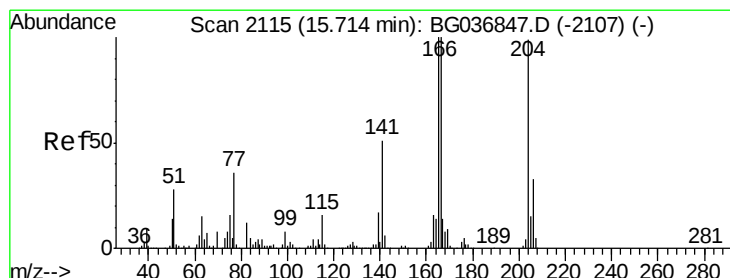
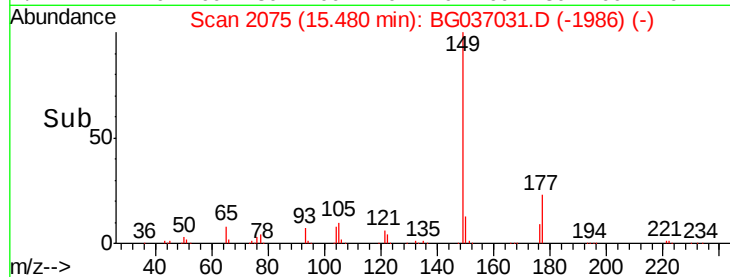
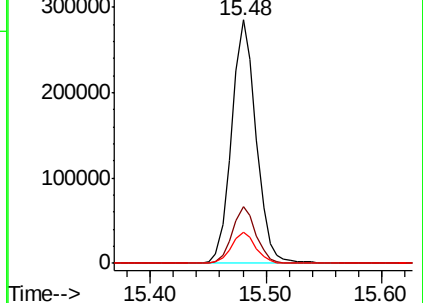
150 12.6 10.7 16.1



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: 46.420 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

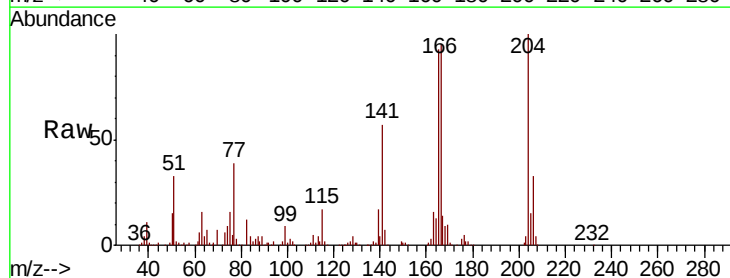
Tgt Ion:204 Resp: 218790

Ion Ratio Lower Upper

204 100

206 33.5 27.0 40.4

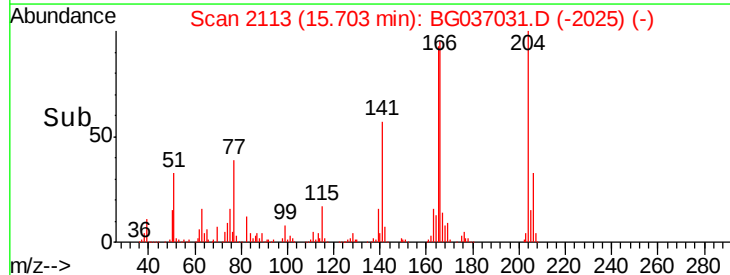
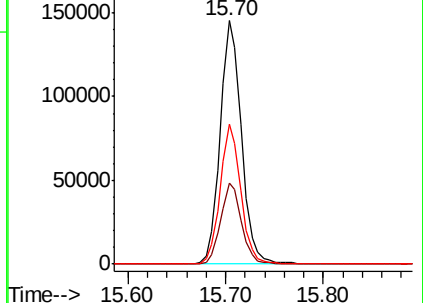
141 57.4 43.8 65.6

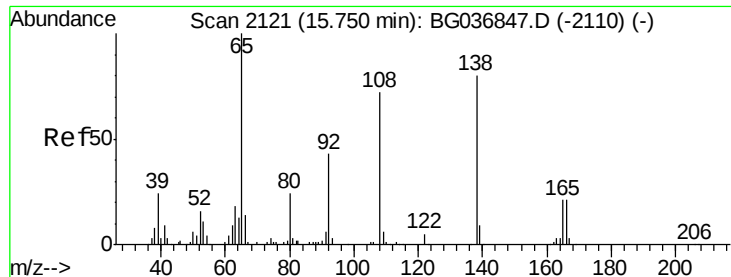


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

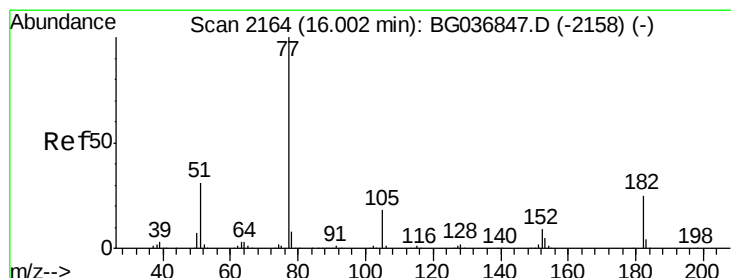
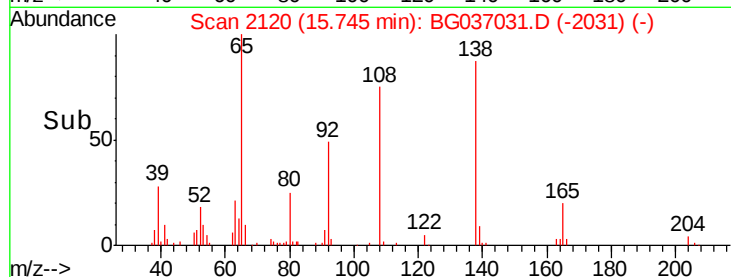
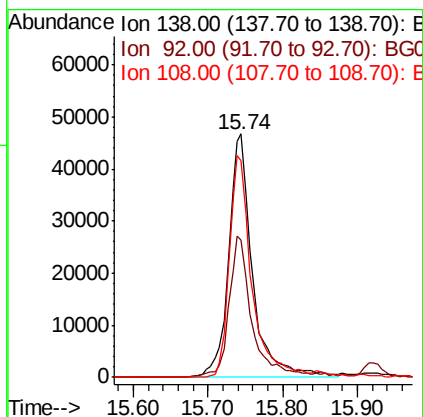
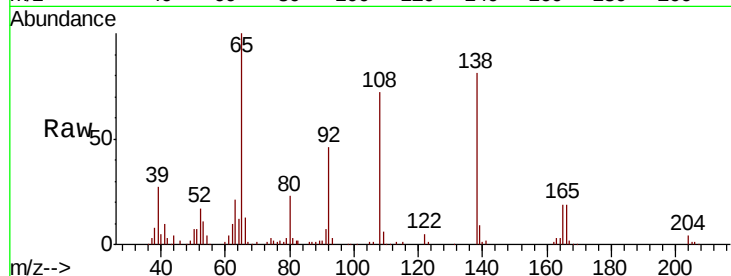




#61
4-Nitroaniline
Concen: 51.781 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

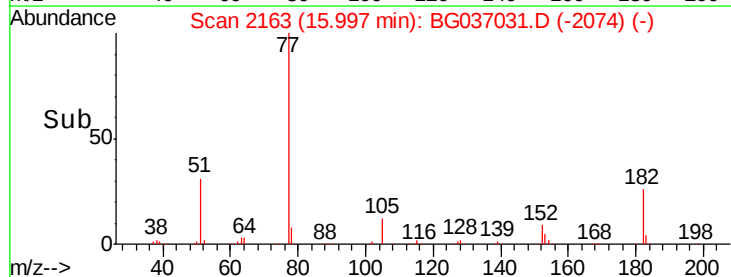
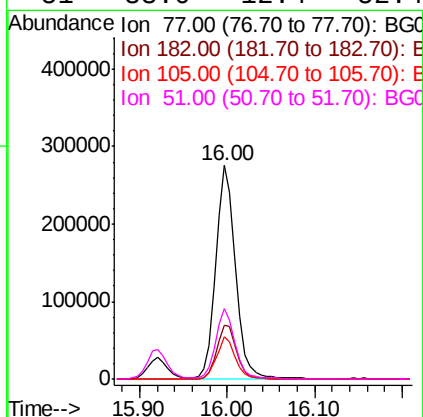
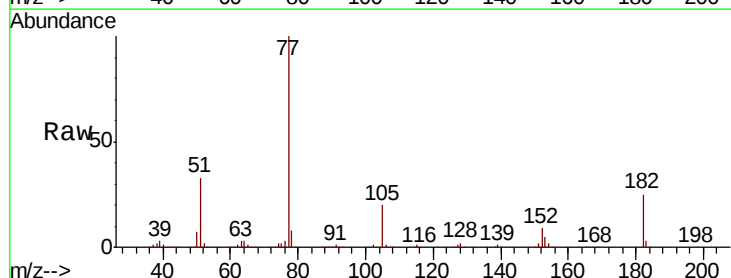
Instrument :
BNA_G
ClientSampleId :
PB113286BS

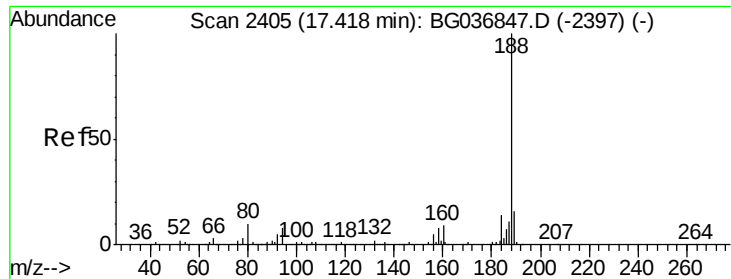
Tgt Ion:138 Resp: 104028
Ion Ratio Lower Upper
138 100
92 56.7 38.5 78.5
108 88.9 70.3 110.3



#62
Azobenzene
Concen: 53.401 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion: 77 Resp: 429922
Ion Ratio Lower Upper
77 100
182 25.3 6.7 46.7
105 19.6 0.0 39.8
51 33.0 12.4 52.4

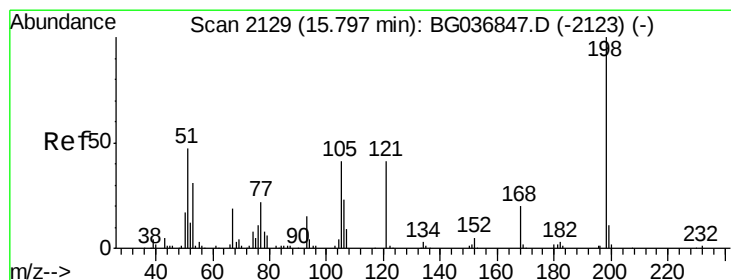
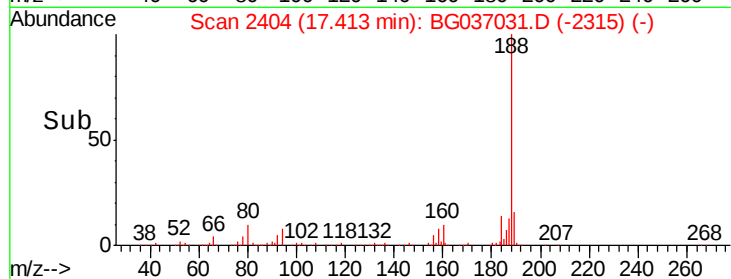
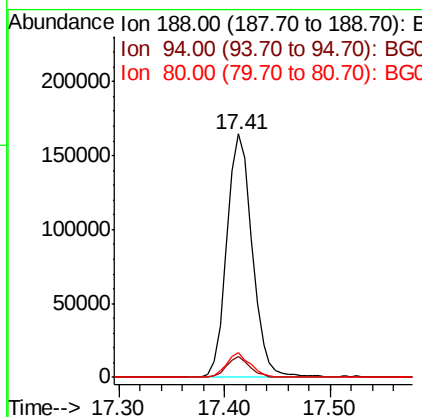
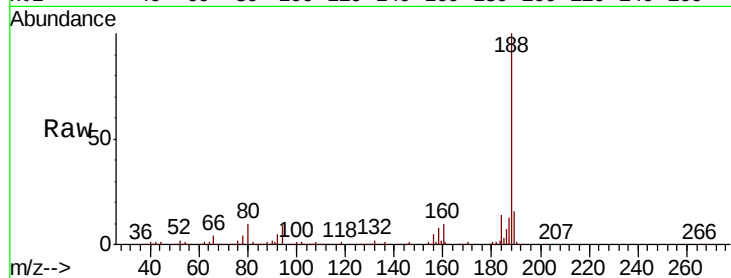




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

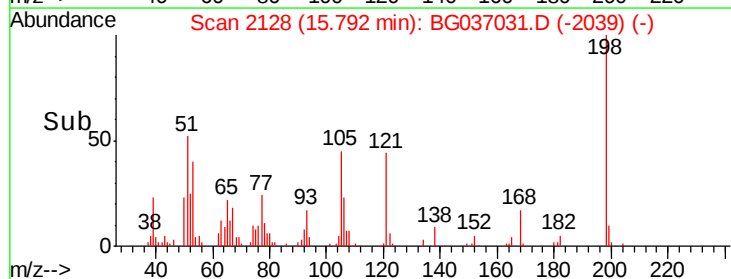
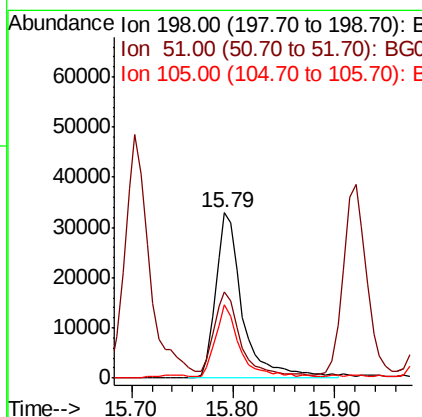
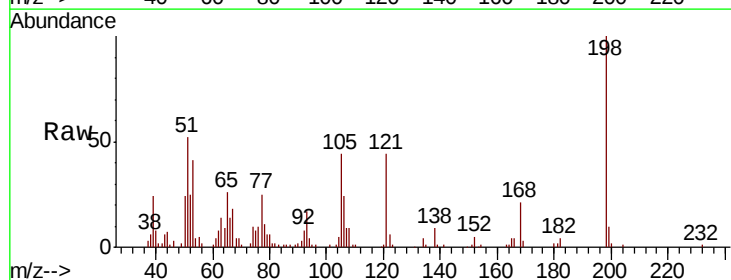
Instrument :
BNA_G
ClientSampleId :
PB113286BS

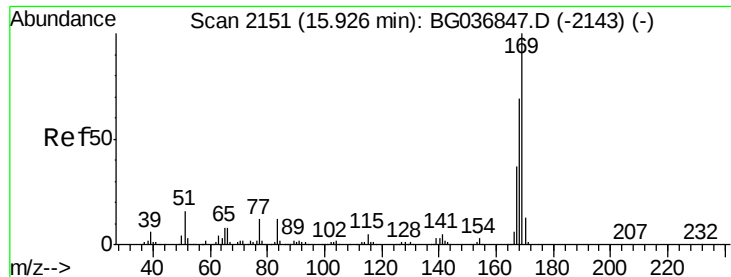
Tgt Ion:188 Resp: 273360
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.9 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 42.336 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion:198 Resp: 60505
Ion Ratio Lower Upper
198 100
51 52.3 26.5 66.5
105 44.4 20.2 60.2

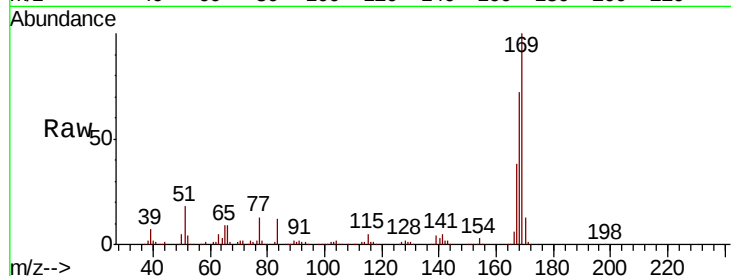




#65
 n-Nitrosodiphenylamine
 Concen: 47.200 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.7	57.6	86.4
167	38.0	31.0	46.4

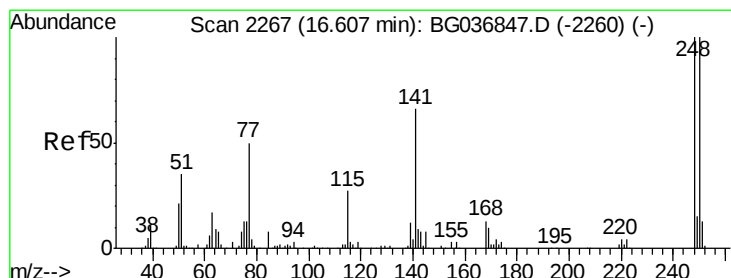
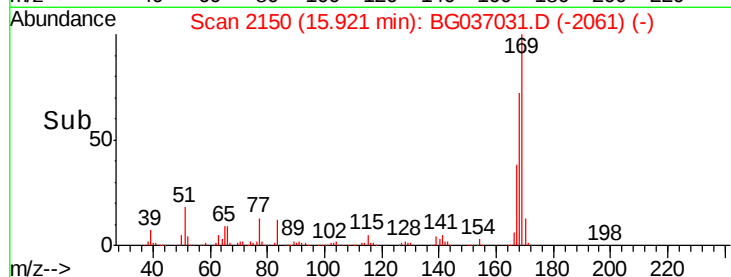
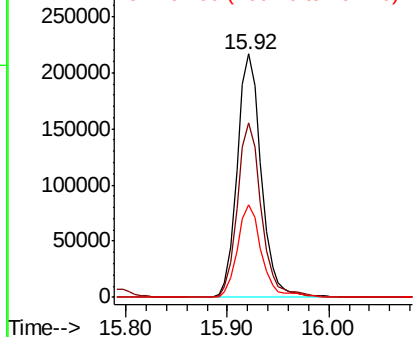


Abundance

Ion 169.00 (168.70 to 169.70): E

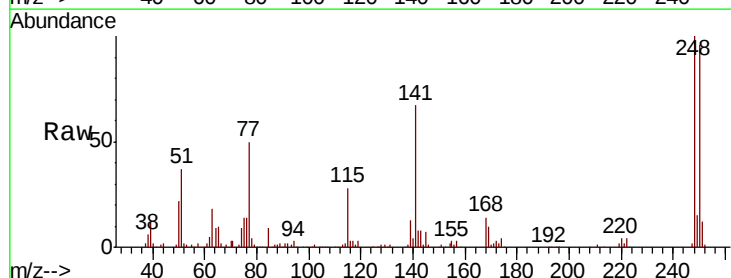
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 45.342 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	78.1	117.1
141	67.4	53.7	80.5

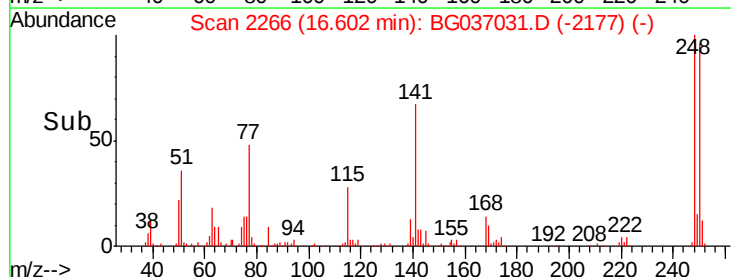
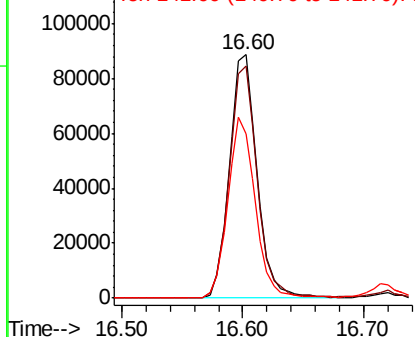


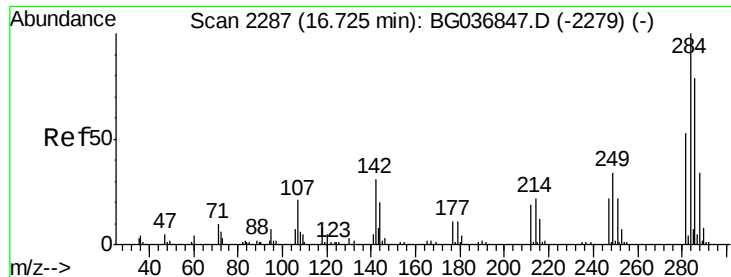
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

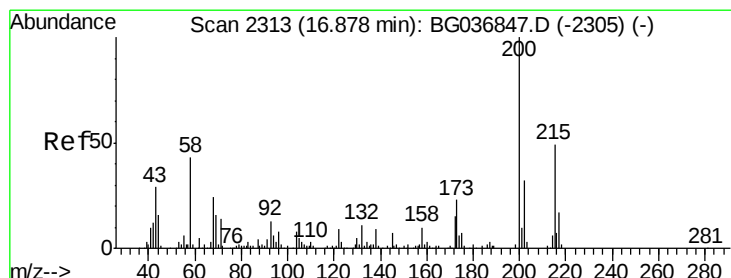
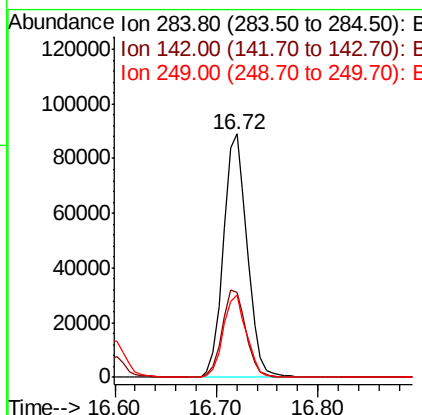
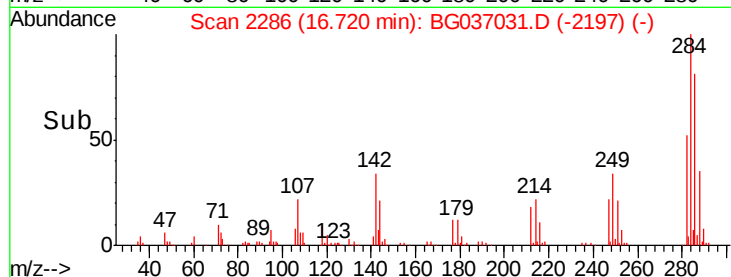
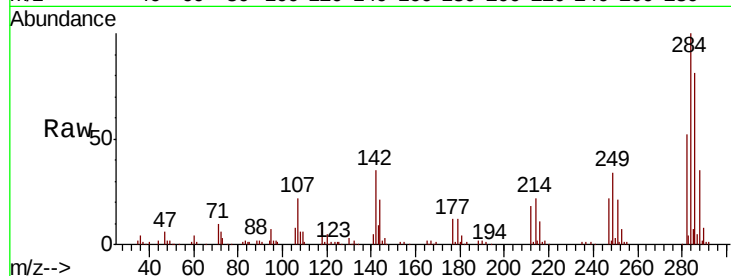




#67
Hexachlorobenzene
Concen: 45.007 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

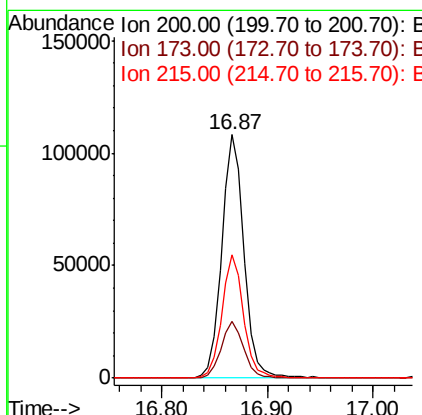
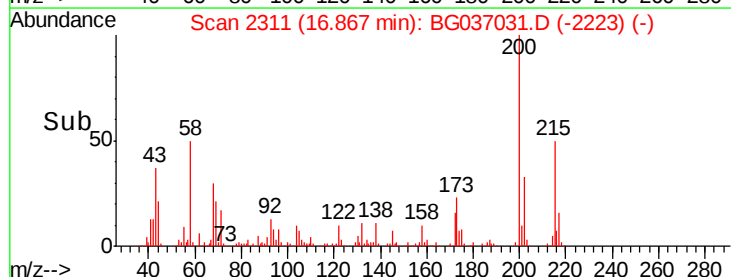
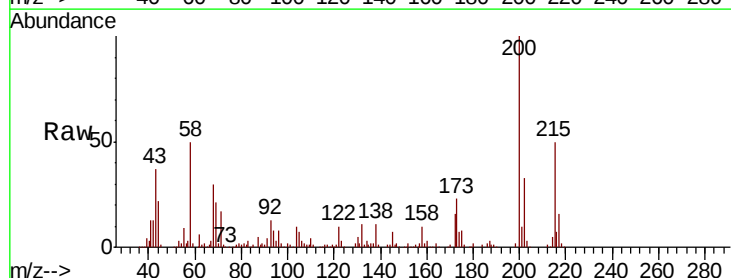
Instrument :
BNA_G
ClientSampleId :
PB113286BS

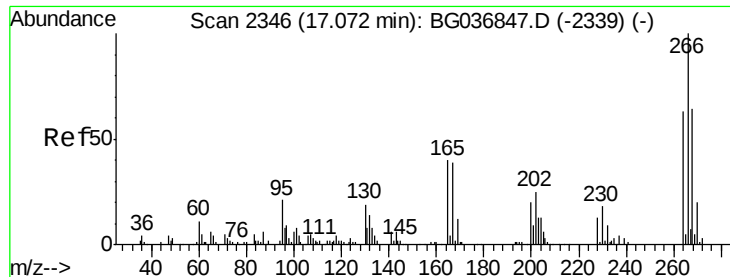
Tgt Ion: 284 Resp: 144129
Ion Ratio Lower Upper
284 100
142 34.6 27.8 41.6
249 33.9 27.4 41.2



#68
Atrazine
Concen: 51.708 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion: 200 Resp: 158004
Ion Ratio Lower Upper
200 100
173 23.5 3.9 43.9
215 50.5 30.4 70.4

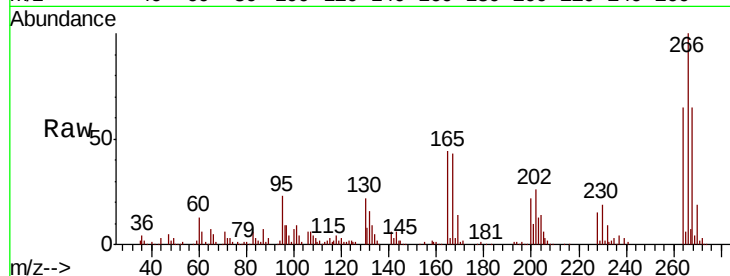




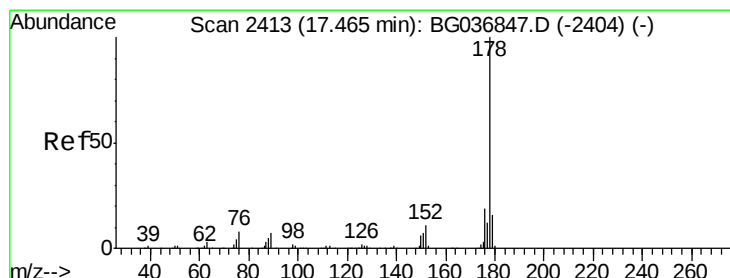
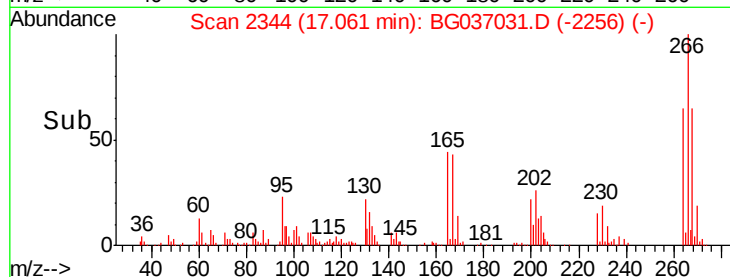
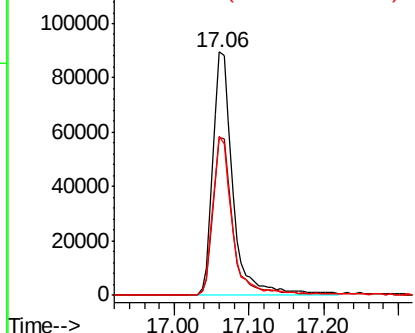
#69
 Pentachlorophenol
 Concen: 83.307 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion:266 Resp: 167966
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.4 77.2
 264 65.5 48.9 73.3

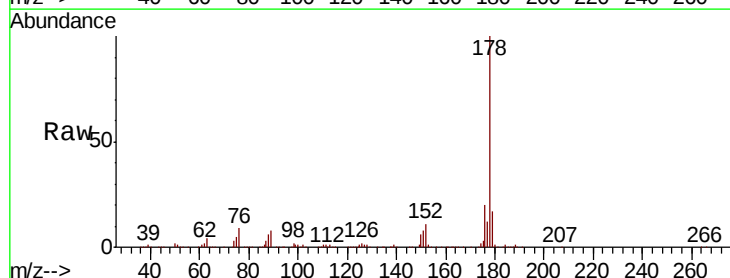


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

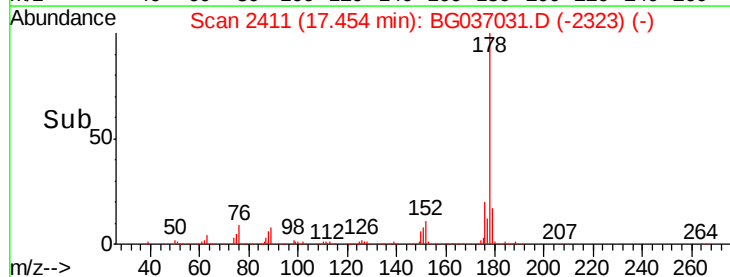
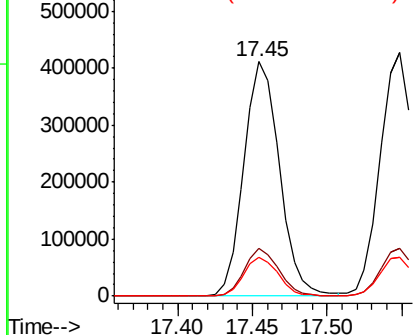


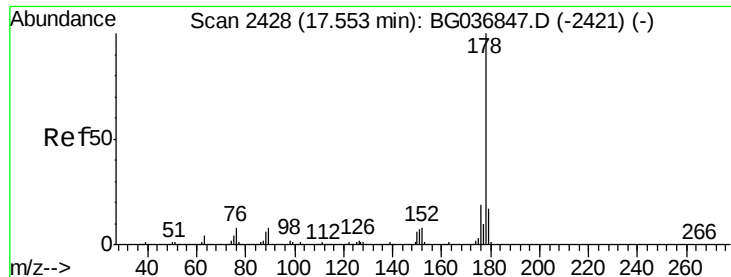
#70
 Phenanthrene
 Concen: 51.649 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion:178 Resp: 680370
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.7 13.4 20.2



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

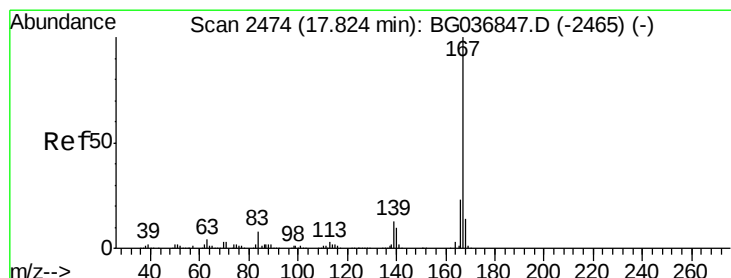
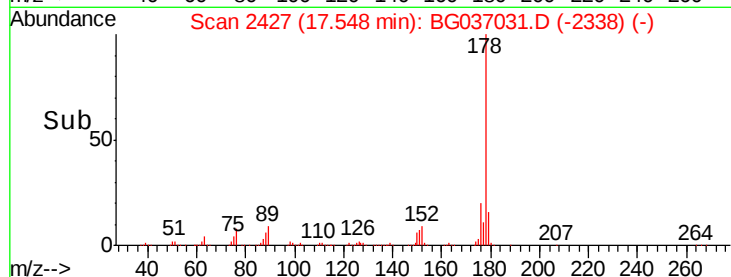
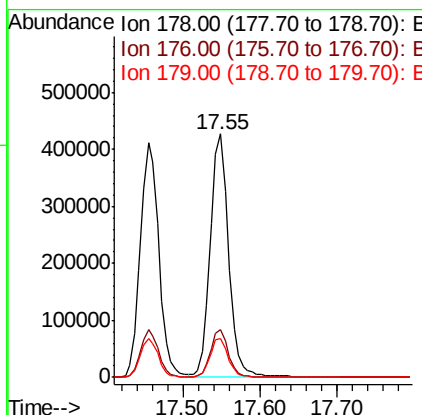
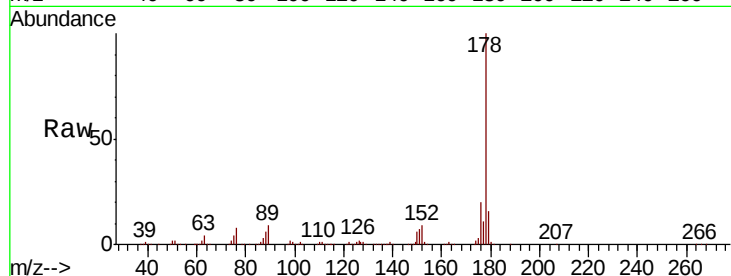




#71
 Anthracene
 Concen: 53.661 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

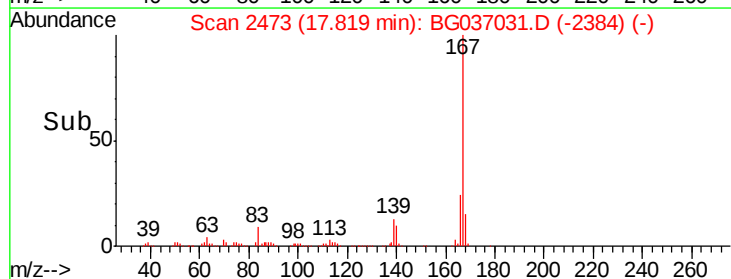
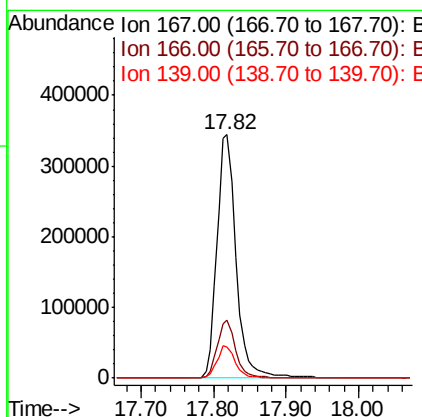
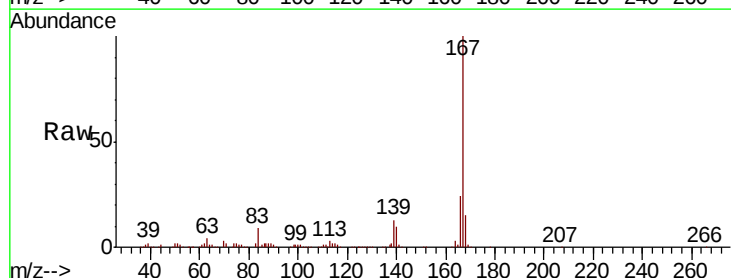
Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

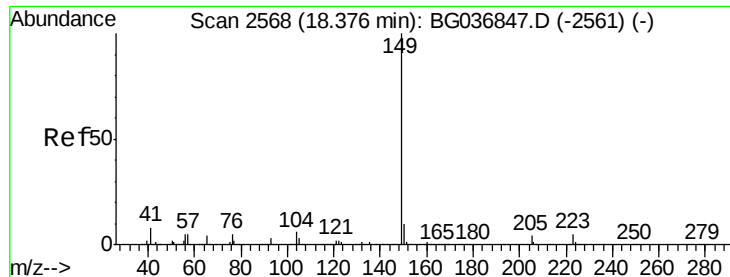
Tgt Ion:178 Resp: 698971
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.0 13.0 19.4



#72
 Carbazole
 Concen: 49.919 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion:167 Resp: 633975
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.0 10.7 16.1

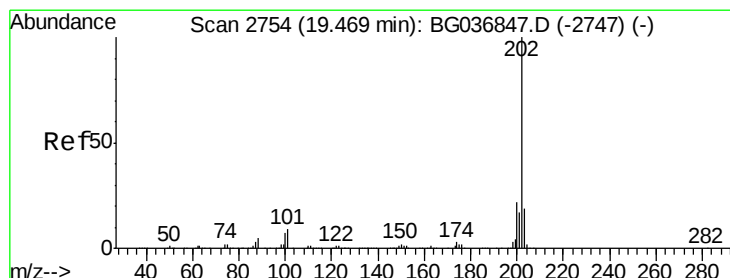
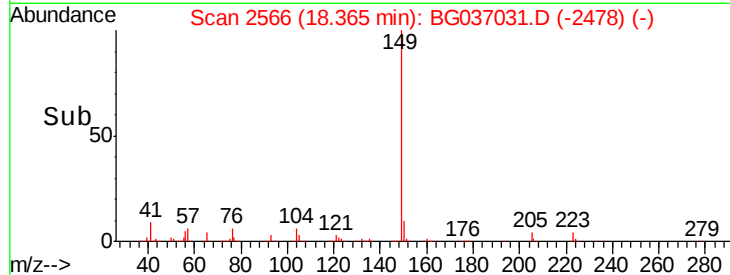
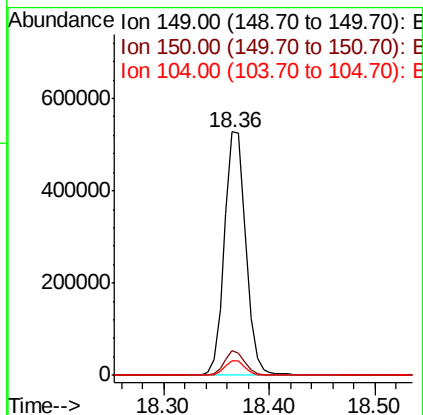
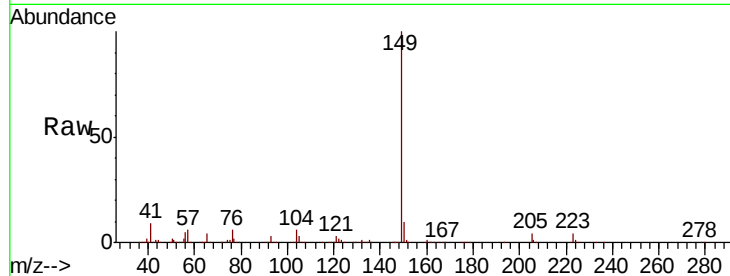




#73
Di-n-butylphthalate
Concen: 52.707 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

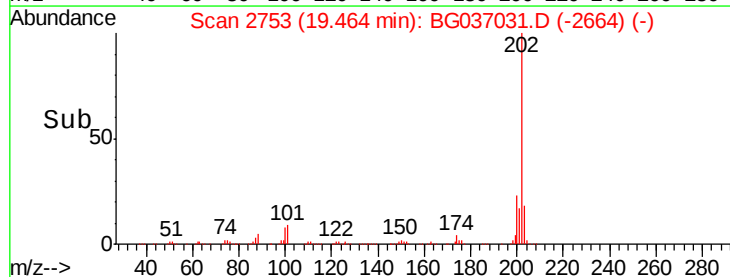
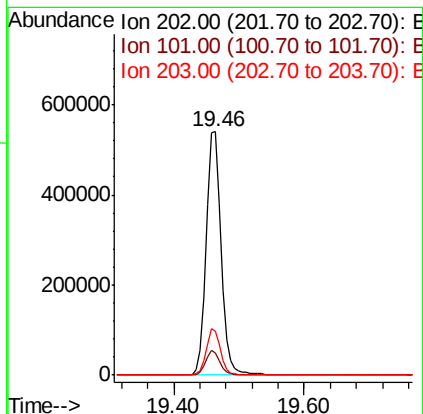
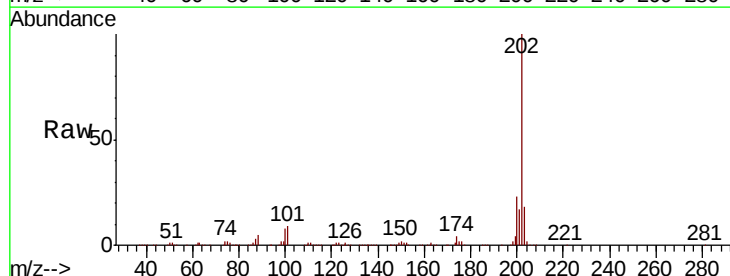
Instrument :
BNA_G
ClientSampleId :
PB113286BS

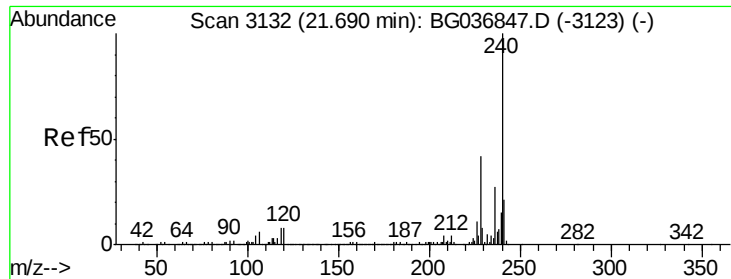
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.0	4.6	6.8



#74
Fluoranthene
Concen: 54.153 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.4
203	18.2	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

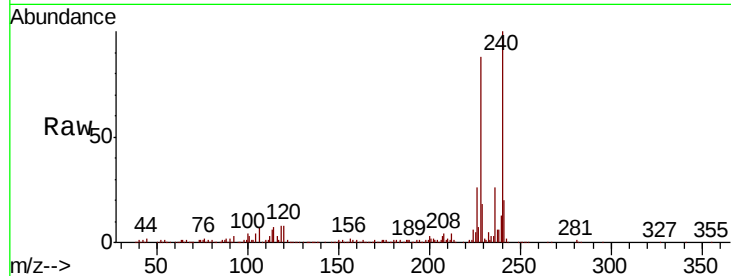
Tgt Ion:240 Resp: 286200

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

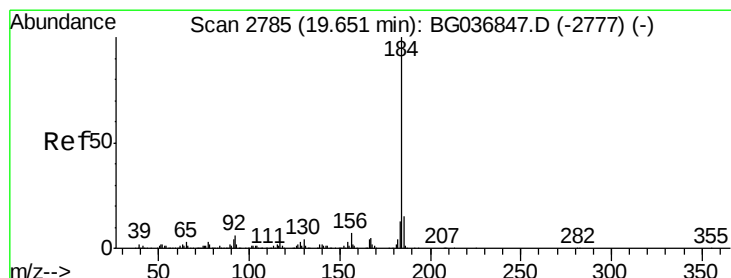
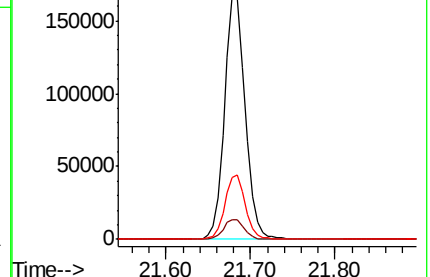
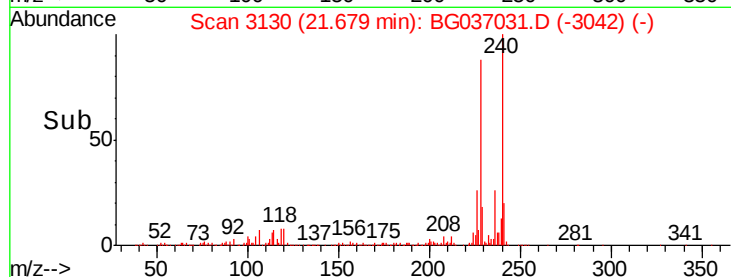
236 25.6 21.2 31.8



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: 39.278 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

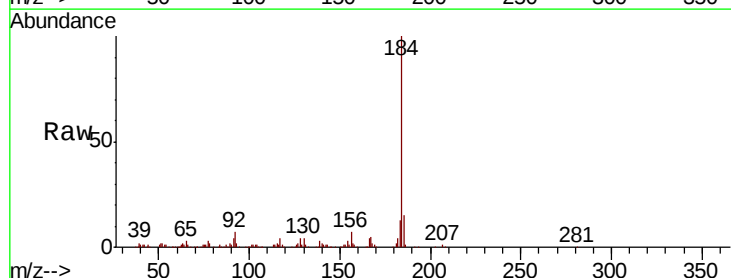
Tgt Ion:184 Resp: 339825

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

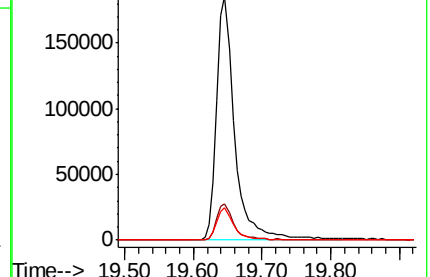
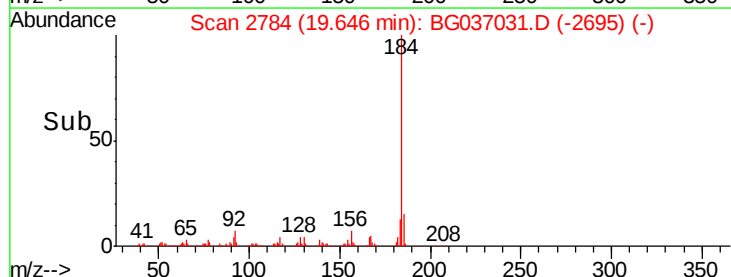
183 13.2 10.9 16.3

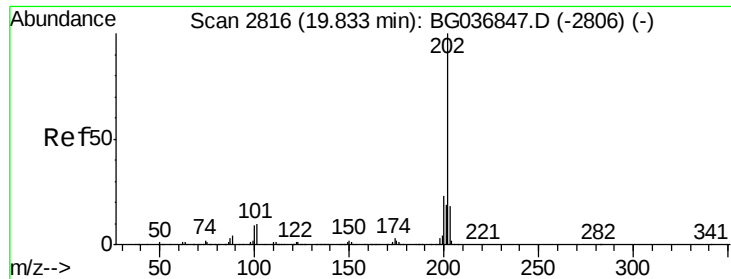


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

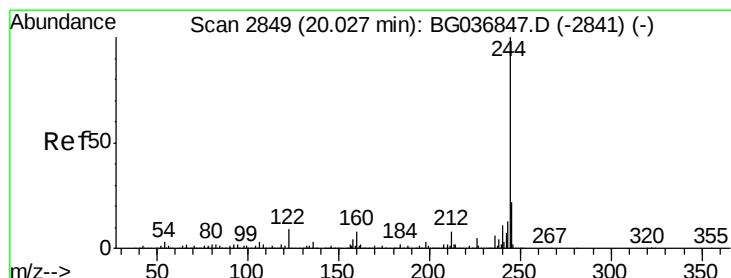
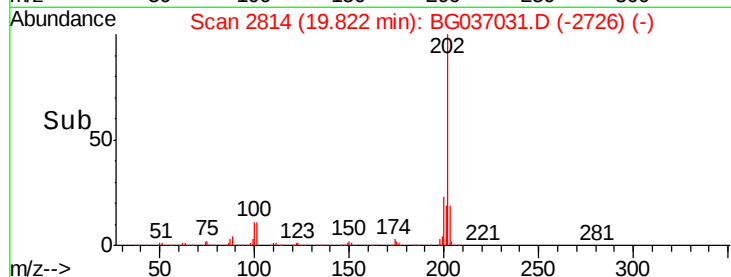
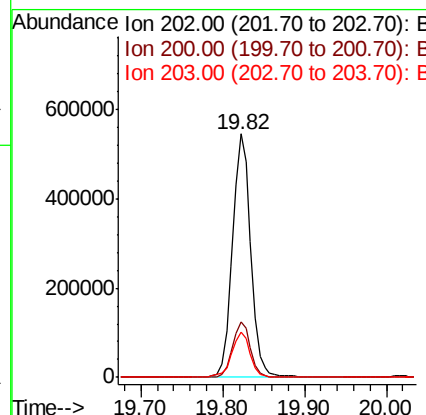
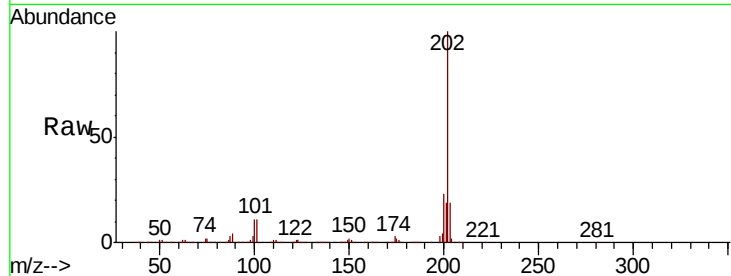




#77
 Pyrene
 Concen: 49.223 ng
 RT: 19.82 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

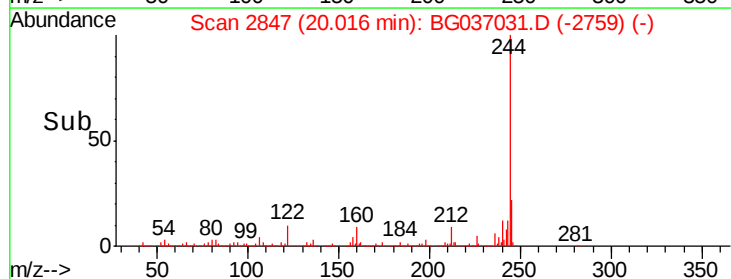
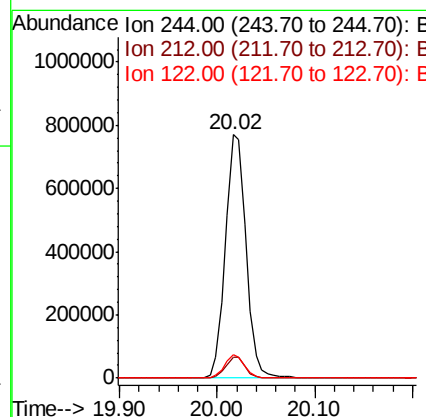
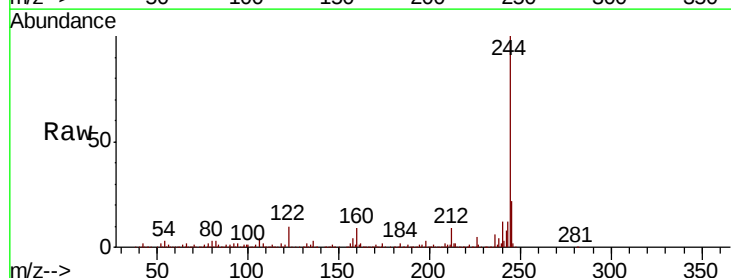
Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

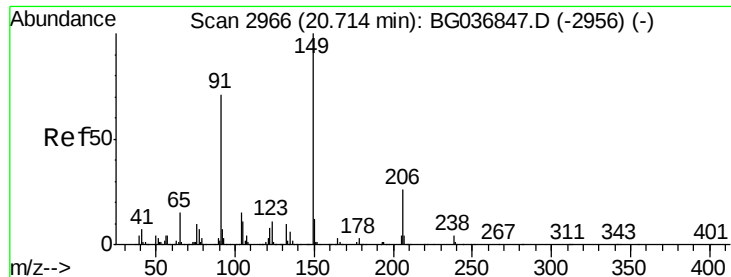
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.6	15.1	22.7



#78
 Terphenyl-d14
 Concen: 103.684 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.5	7.1	10.7





#79

Butylbenzylphthalate

Concen: 52.121 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

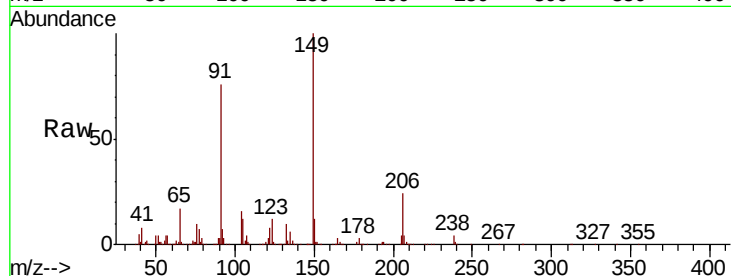
Tgt Ion:149 Resp: 356799

Ion Ratio Lower Upper

149 100

91 76.4 62.0 93.0

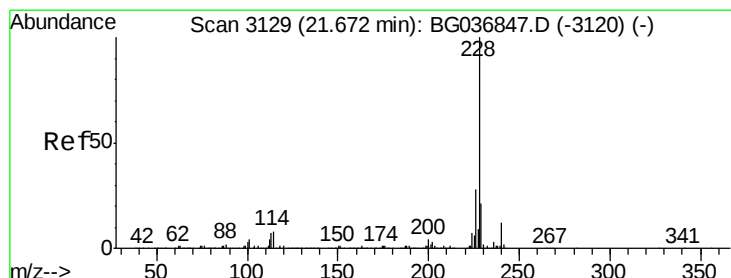
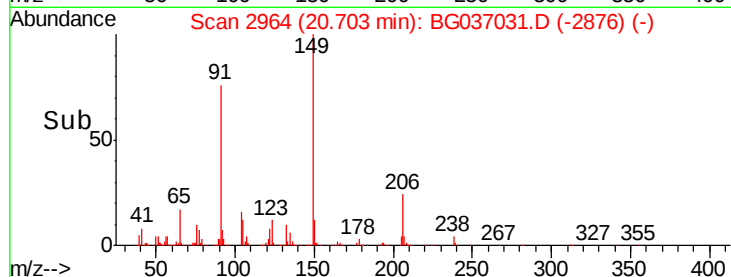
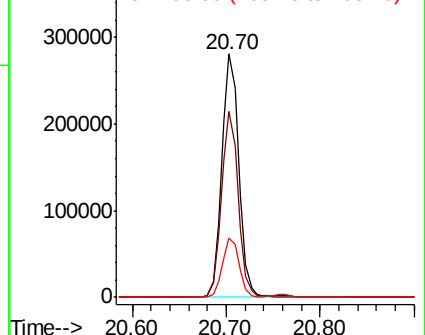
206 24.4 19.6 29.4



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: 50.750 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

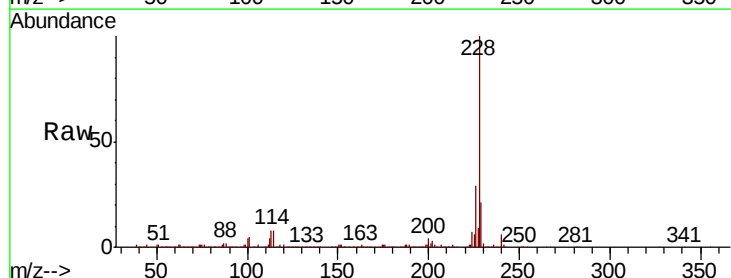
Tgt Ion:228 Resp: 847878

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

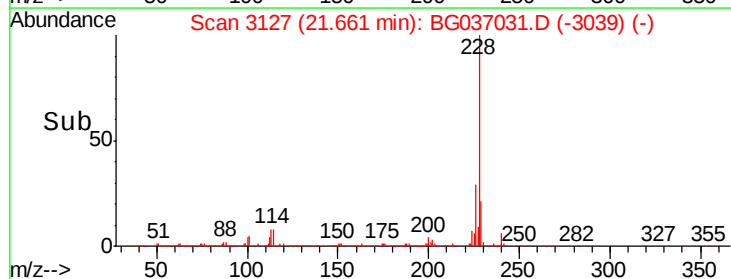
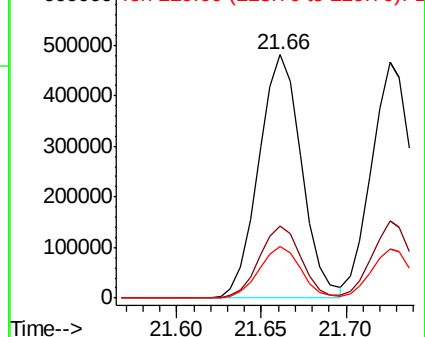
229 21.0 17.1 25.7

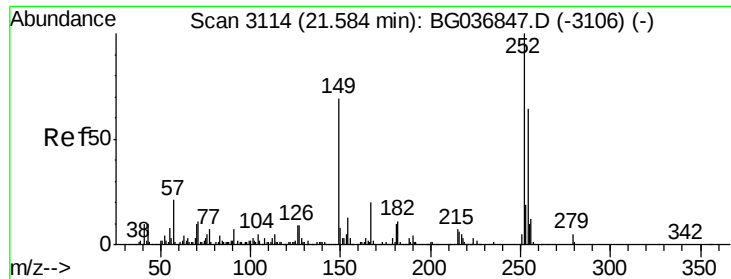


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

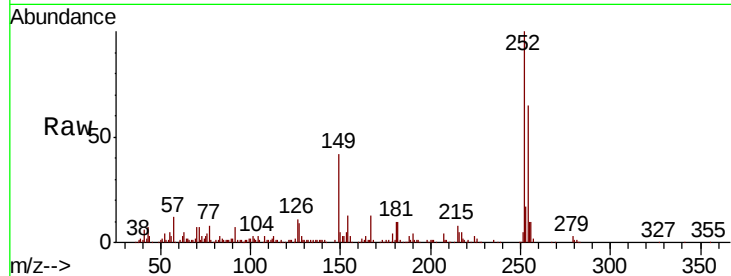




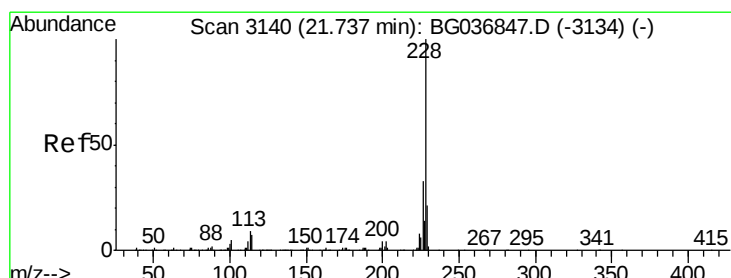
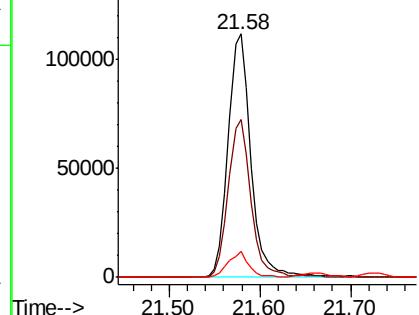
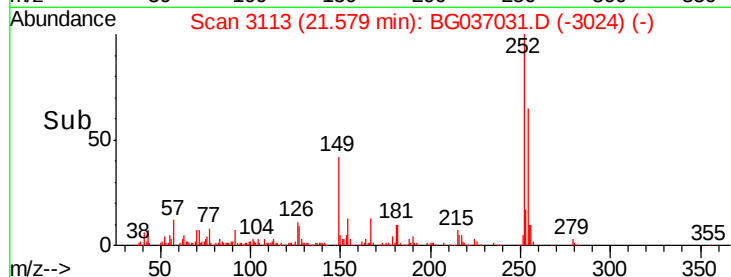
#81
 3,3'-Dichlorobenzidine
 Concen: 30.760 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion: 252 Resp: 195610
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.0 76.4
 126 10.9 7.4 11.0

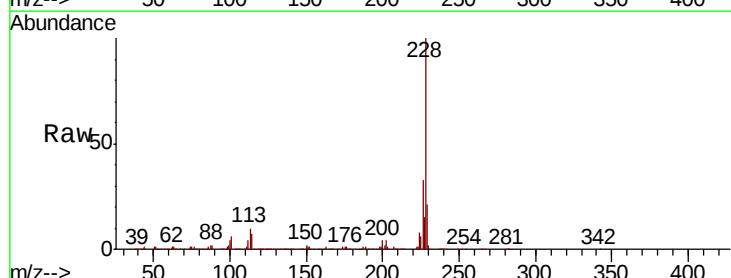


Abundance Ion 252.00 (251.70 to 252.70): E
 150000 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

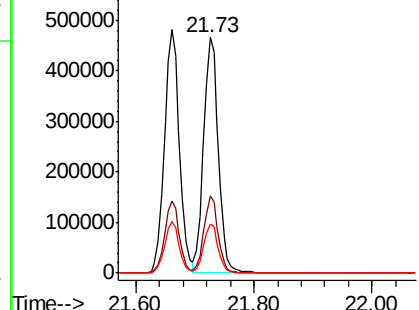
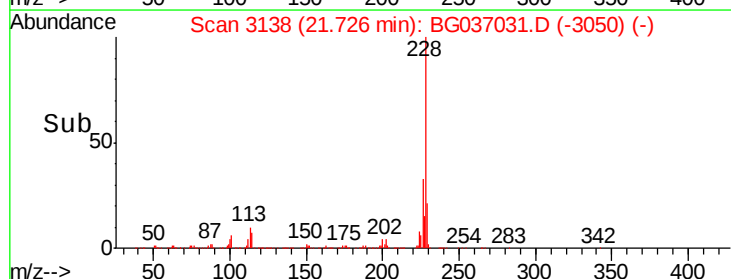


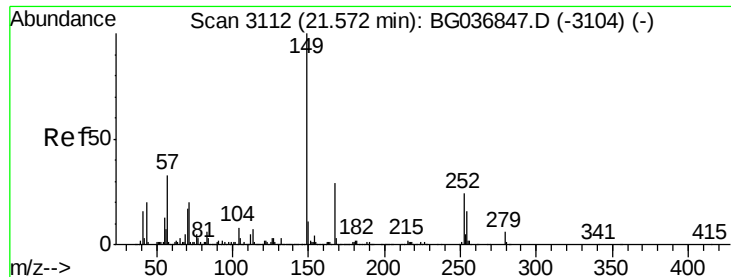
#82
 Chrysene
 Concen: 49.815 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion: 228 Resp: 804129
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.5 38.3
 229 21.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 600000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

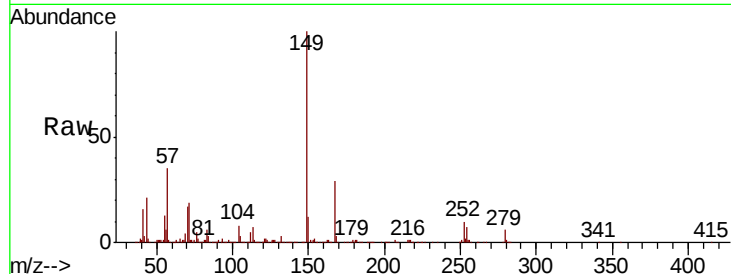




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.713 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113286BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	5.6	4.6	7.0

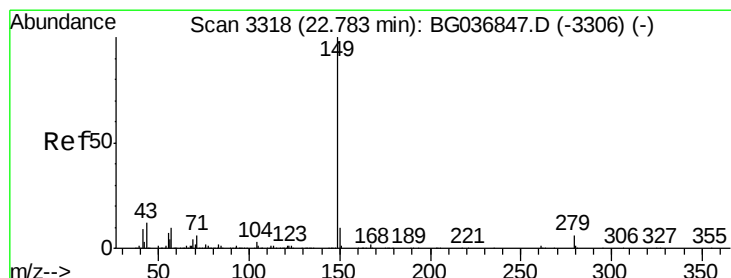
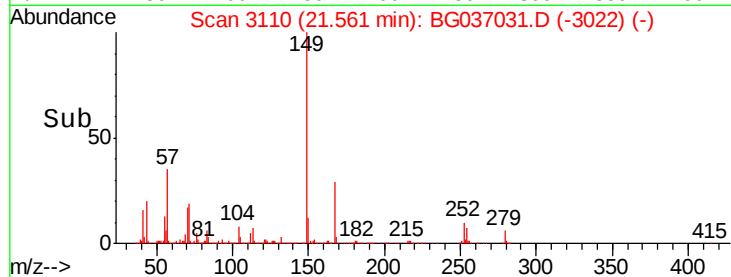
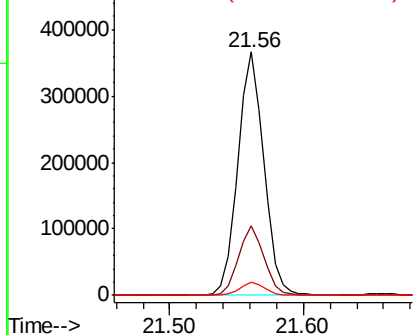


Abundance

Ion 149.00 (148.70 to 149.70): E

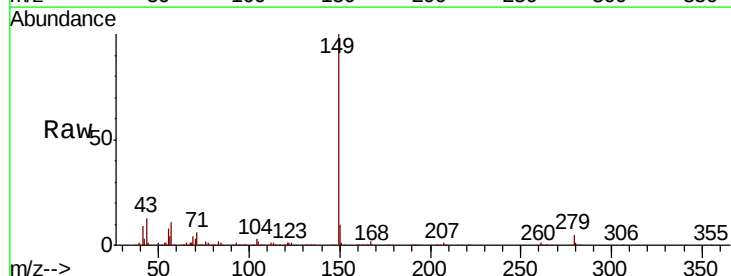
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 53.083 ng
 RT: 22.77 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG037031.D
 Acq: 28 Sep 2018 1:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.4	10.0	15.0

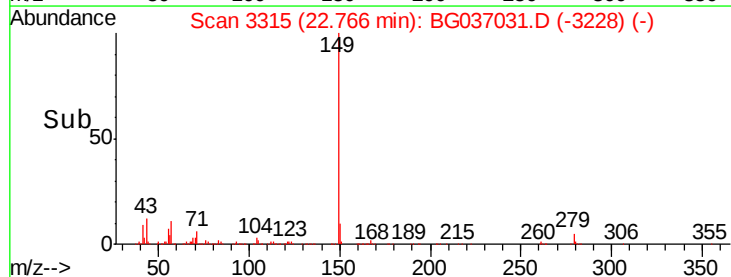
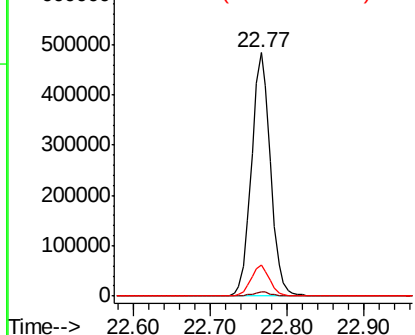


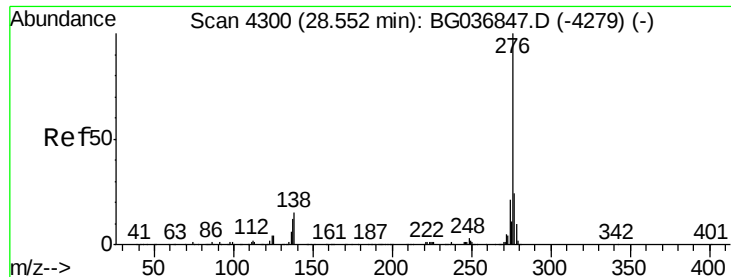
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.351 ng

RT: 28.54 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

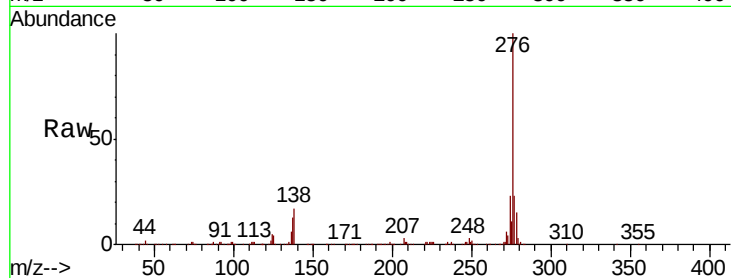
Tgt Ion:276 Resp: 942126

Ion Ratio Lower Upper

276 100

138 20.7 10.6 15.8#

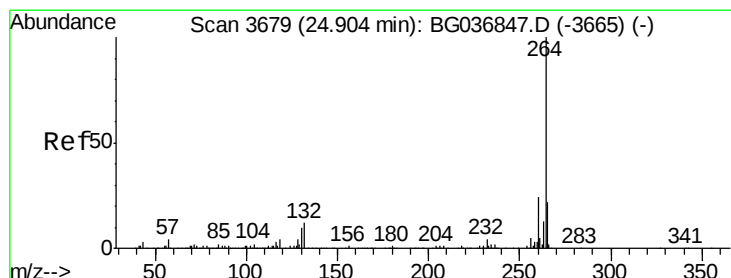
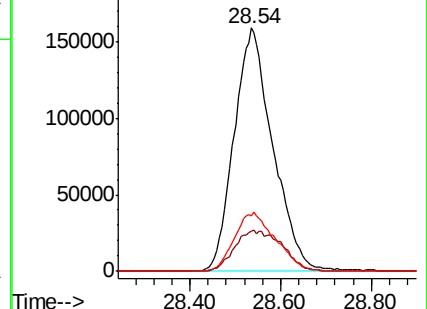
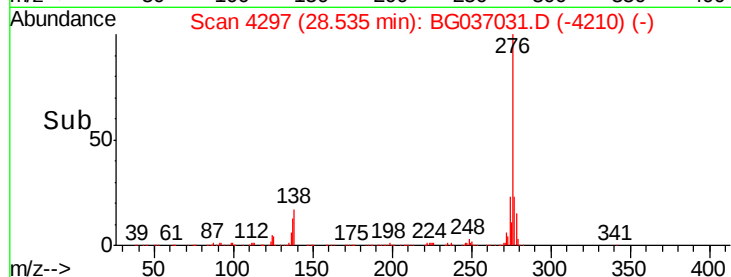
277 25.7 20.6 30.8



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

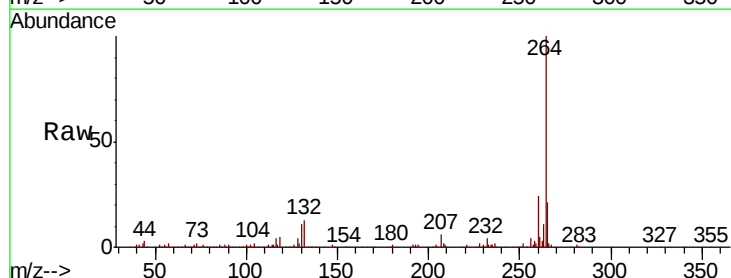
Tgt Ion:264 Resp: 293656

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

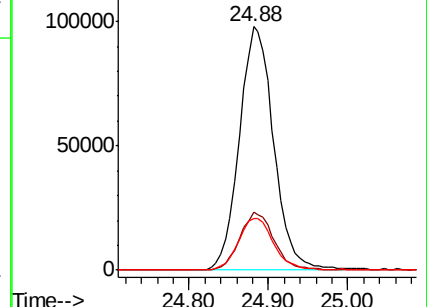
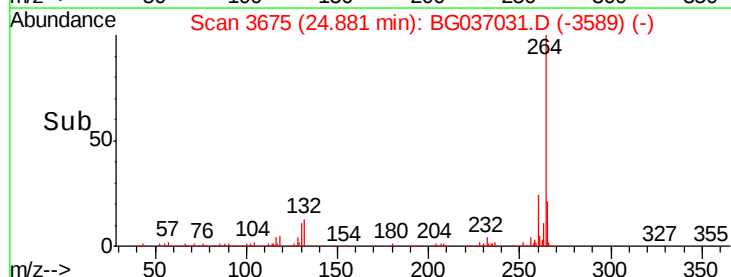
265 21.5 17.4 26.0



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

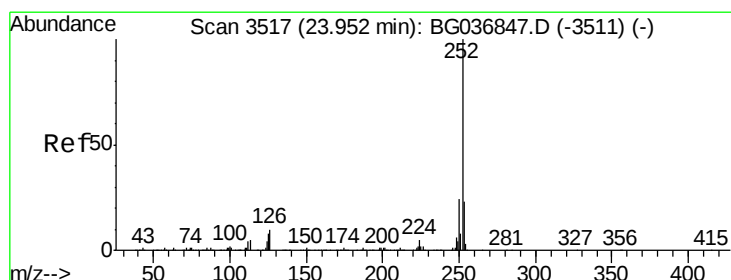
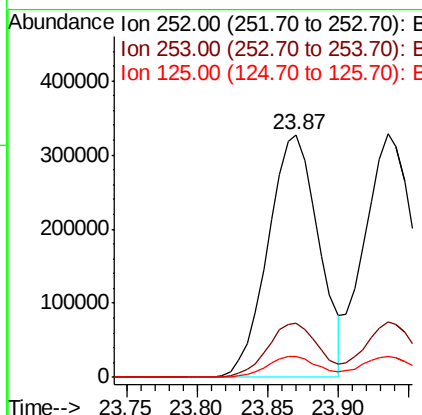
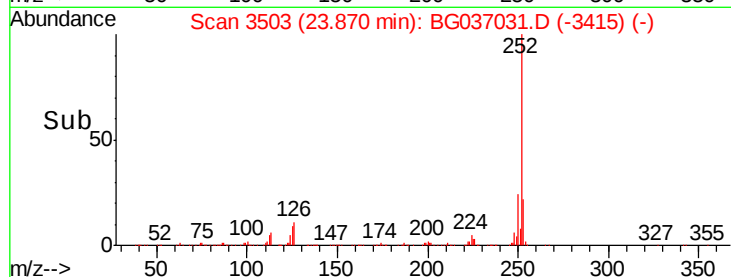
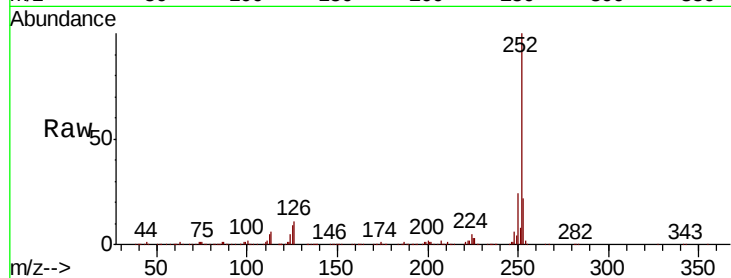




#87
Benzo(b)fluoranthene
Concen: 52.446 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

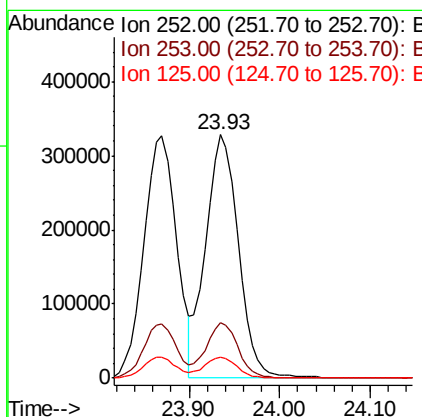
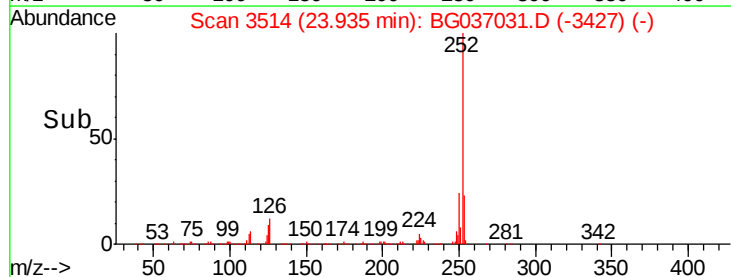
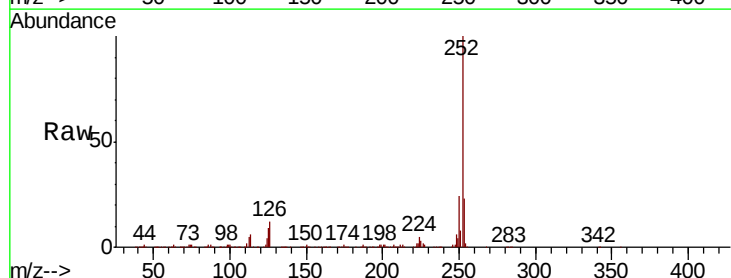
Instrument :
BNA_G
ClientSampleId :
PB113286BS

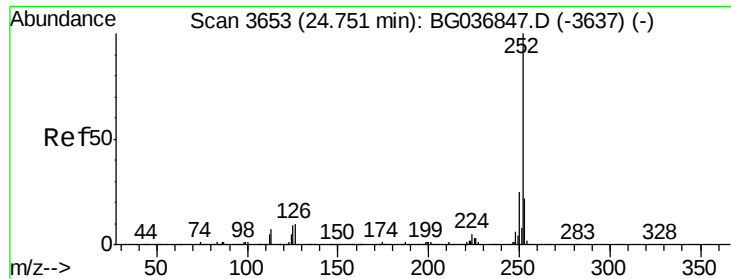
Tgt Ion: 252 Resp: 820756
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 8.6 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 52.357 ng
RT: 23.93 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BG037031.D
Acq: 28 Sep 2018 1:44

Tgt Ion: 252 Resp: 822036
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 8.7 7.0 10.6





#89

Benzo(a)pyrene

Concen: 53.517 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

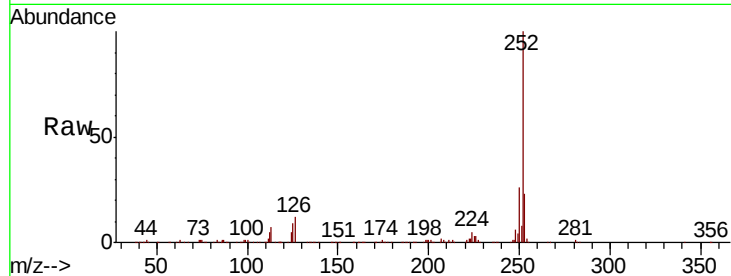
Tgt Ion: 252 Resp: 809704

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

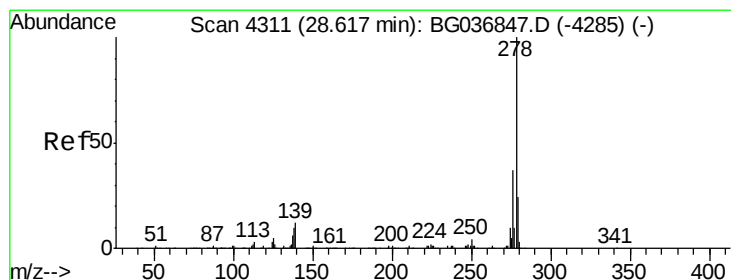
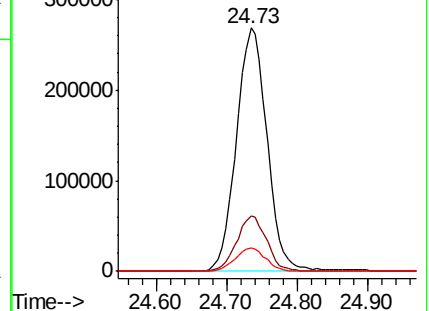
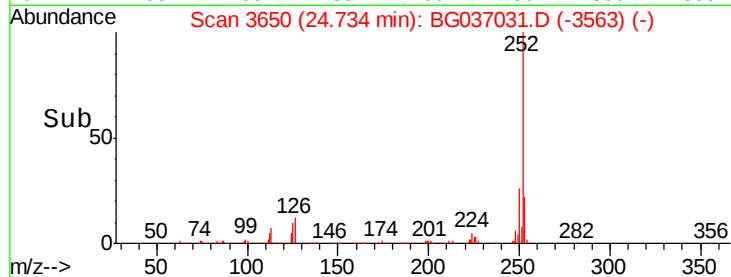
125 9.5 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 53.505 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.02 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

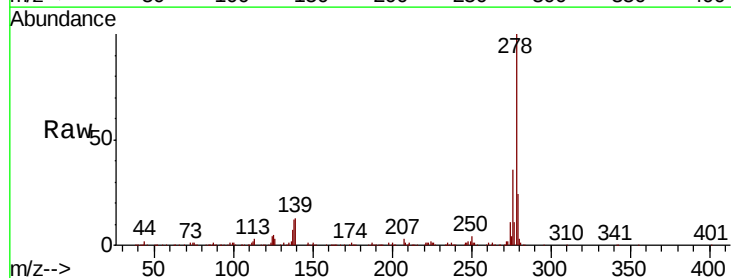
Tgt Ion: 278 Resp: 758690

Ion Ratio Lower Upper

278 100

139 13.0 11.0 16.4

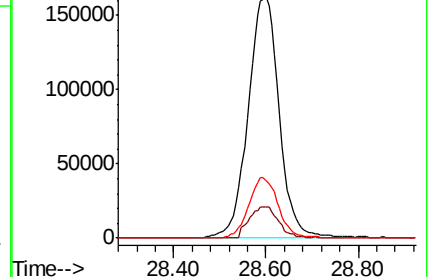
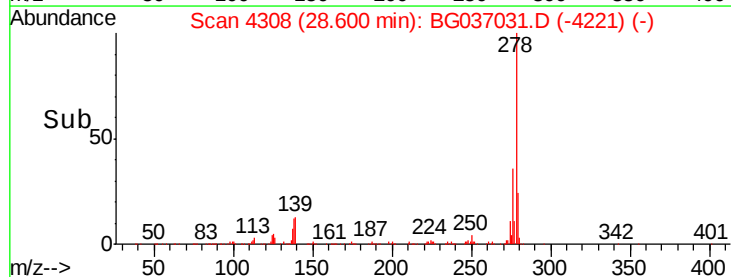
279 23.9 18.7 28.1

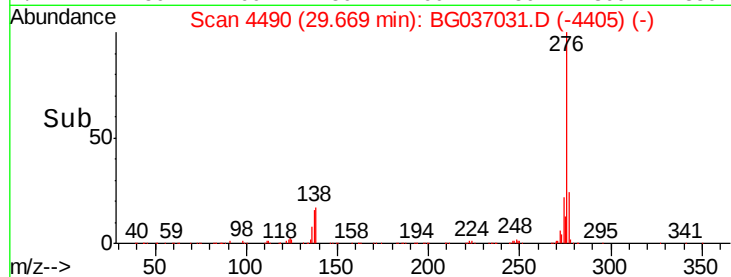
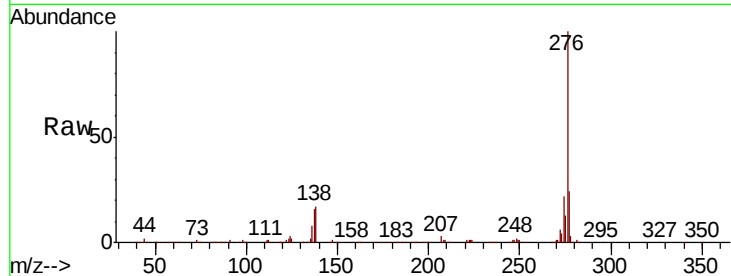
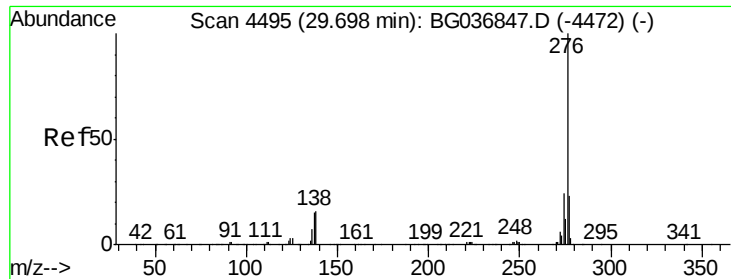


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.947 ng

RT: 29.67 min Scan# 4490

Delta R.T. -0.03 min

Lab File: BG037031.D

Acq: 28 Sep 2018 1:44

Instrument :

BNA_G

ClientSampleId :

PB113286BS

Tgt Ion: 276 Resp: 781951

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 17.4 14.6 22.0

