

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037100.D
 Acq On : 2 Oct 2018 11:32
 Operator : JU/SJ
 Sample : PB113413BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Quant Time: Oct 02 12:06:23 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	49769	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	227720	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	143053	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	359063	20.00	ng	0.00
75) Chrysene-d12	21.68	240	370744	20.00	ng	0.00
86) Perylene-d12	24.89	264	360114	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	346859	133.66	ng	0.00
7) Phenol-d6	7.21	99	467926	116.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	294987	69.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	180342	105.37	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	650606	67.74	ng	-0.01
78) Terphenyl-d14	20.01	244	1105823	78.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	50365	42.413	ng	98
3) Pyridine	3.92	79	131985	38.493	ng	97
4) n-Nitrosodimethylamine	3.83	42	77497	50.853	ng	# 96
6) Aniline	7.36	93	170718	32.768	ng	98
8) 2-Chlorophenol	7.61	128	139603	46.330	ng	95
9) Benzaldehyde	7.18	77	64711	24.391	ng	99
10) Phenol	7.23	94	187575	45.266	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	145557	37.974	ng	97
12) 1,3-Dichlorobenzene	7.93	146	146095	39.547	ng	99
13) 1,4-Dichlorobenzene	8.08	146	152427	40.319	ng	99
14) 1,2-Dichlorobenzene	8.39	146	141443	38.608	ng	96
15) Benzyl Alcohol	8.28	79	126908	38.954	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	293250	39.850	ng	96
17) 2-Methylphenol	8.48	107	121596	42.127	ng	98
18) Hexachloroethane	9.12	117	59590	42.833	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	119560	35.795	ng	95
20) 3+4-Methylphenols	8.80	107	168311	41.915	ng	99
22) Acetophenone	8.86	105	211296	39.485	ng	# 98
24) Nitrobenzene	9.24	77	178779	39.369	ng	98
25) Isophorone	9.76	82	334330	43.028	ng	98
26) 2-Nitrophenol	9.96	139	74114	40.945	ng	99
27) 2,4-Dimethylphenol	10.01	122	129892	46.068	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	195862	40.851	ng	99
29) 2,4-Dichlorophenol	10.49	162	140126	42.871	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	156087	38.160	ng	98
31) Naphthalene	10.90	128	447918	41.340	ng	98
32) Benzoic acid	10.15	122	28759	17.518	ng	92
33) 4-Chloroaniline	11.00	127	123146	24.997	ng	98
34) Hexachlorobutadiene	11.17	225	104858	37.069	ng	96
35) Caprolactam	11.78	113	29726	22.097	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	153658	39.399	ng	97
37) 2-Methylnaphthalene	12.49	142	338569	41.028	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	186785	37.436	ng	98
40) Hexachlorocyclopentadiene	12.84	237	202894	79.068	ng	98

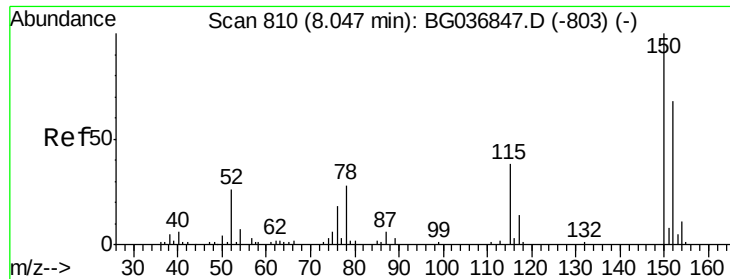
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
 Data File : BG037100.D
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Quant Time: Oct 02 12:06:23 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	114747	41.415	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	126328	42.760	ng	97
45) 1,1'-Biphenyl	13.50	154	434711	39.678	ng	98
46) 2-Chloronaphthalene	13.55	162	331277	38.450	ng	99
47) 2-Nitroaniline	13.75	65	119949	40.250	ng	97
48) Acenaphthylene	14.39	152	566486	41.958	ng	98
49) Dimethylphthalate	14.12	163	440906	38.290	ng	98
50) 2,6-Dinitrotoluene	14.24	165	99889	39.760	ng	94
51) Acenaphthene	14.73	154	321991	39.461	ng	100
52) 3-Nitroaniline	14.57	138	82240	31.065	ng	# 99
53) 2,4-Dinitrophenol	14.78	184	53545	48.778	ng	89
54) Dibenzofuran	15.06	168	545053	39.491	ng	100
55) 4-Nitrophenol	14.89	139	141874	83.887	ng	98
56) 2,4-Dinitrotoluene	15.03	165	143784	41.015	ng	93
57) Fluorene	15.71	166	431917	41.869	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	126804	42.310	ng	97
59) Diethylphthalate	15.48	149	448771	38.641	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	241436	36.956	ng	98
61) 4-Nitroaniline	15.74	138	109338	39.264	ng	95
62) Azobenzene	16.00	77	456672	40.923	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	63788	33.980	ng	98
65) n-Nitrosodiphenylamine	15.92	169	388204	39.162	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	151713	37.147	ng	97
67) Hexachlorobenzene	16.72	284	158592	37.703	ng	99
68) Atrazine	16.87	200	154606	38.519	ng	98
69) Pentachlorophenol	17.07	266	161044	60.809	ng	100
70) Phenanthrene	17.45	178	732193	42.316	ng	98
71) Anthracene	17.55	178	747589	43.694	ng	100
72) Carbazole	17.82	167	669367	40.126	ng	99
73) Di-n-butylphthalate	18.36	149	783649	42.301	ng	100
74) Fluoranthene	19.46	202	900218	43.221	ng	100
76) Benzidine	19.64	184	310370	27.693	ng	98
77) Pyrene	19.82	202	883787	39.725	ng	100
79) Butylbenzylphthalate	20.70	149	369852	41.707	ng	96
80) Benzo(a)anthracene	21.66	228	875136	40.437	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	251461	30.525	ng	98
82) Chrysene	21.72	228	824018	39.407	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	513196	41.427	ng	100
84) Di-n-octyl phthalate	22.76	149	863130	42.317	ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	968686	43.140	ng	99
87) Benzo(b)fluoranthene	23.87	252	856160	44.612	ng	97
88) Benzo(k)fluoranthene	23.93	252	862083	44.774	ng	100
89) Benzo(a)pyrene	24.73	252	839732	45.259	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	813048	46.757	ng	99
91) Benzo(g,h,i)perylene	29.67	276	795176	45.565	ng	99

(#) = 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: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

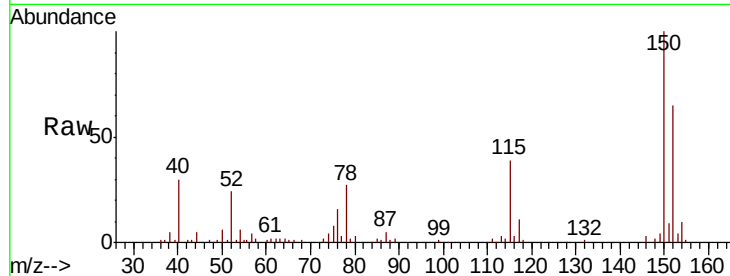
Tot Ion:152 Resp: 49769

Ion Ratio Lower Upper

152 100

150 153.8 119.5 179.3

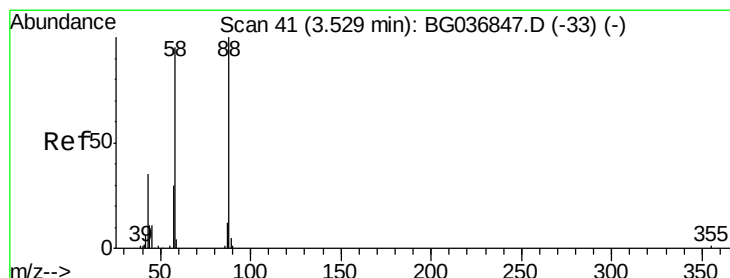
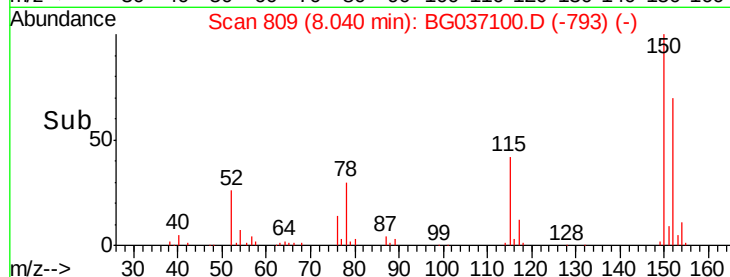
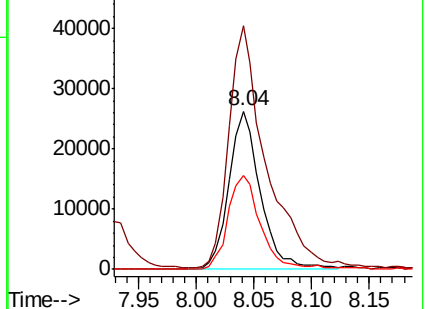
115 59.5 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.413 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

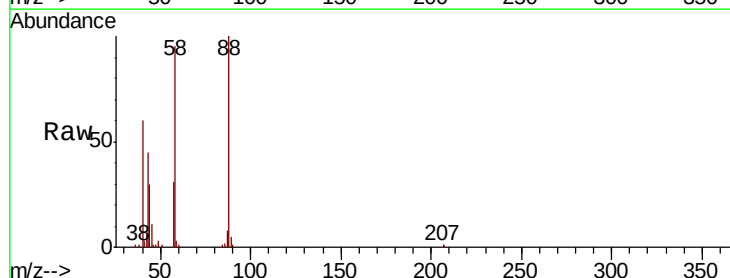
Tgt Ion: 88 Resp: 50365

Ion Ratio Lower Upper

88 100

58 91.8 72.6 109.0

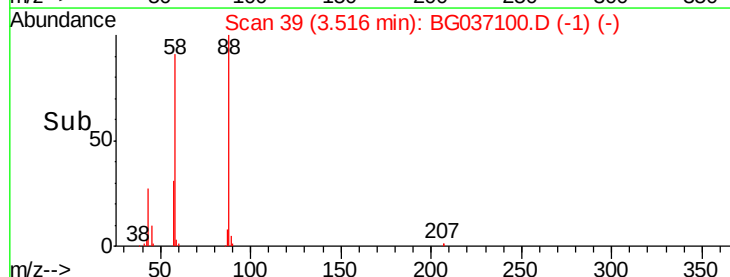
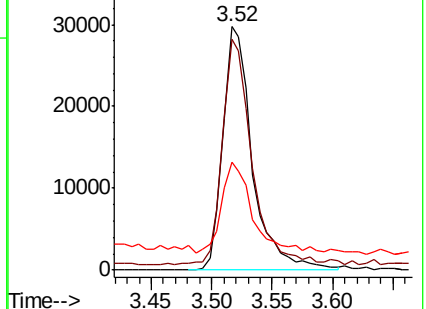
43 39.0 29.0 43.4

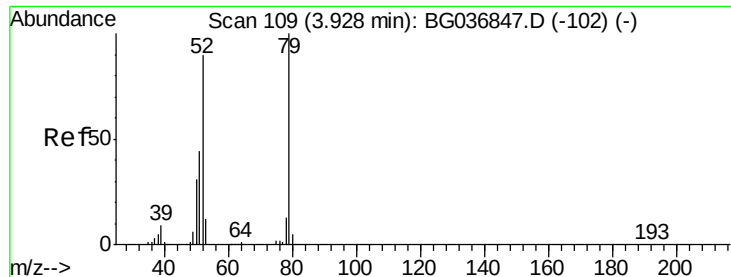


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



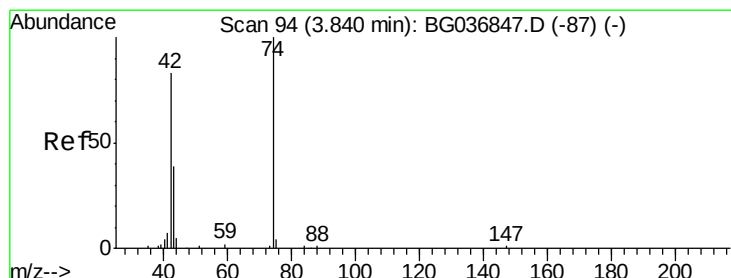
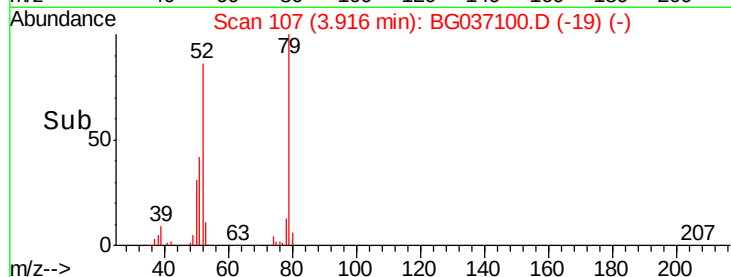
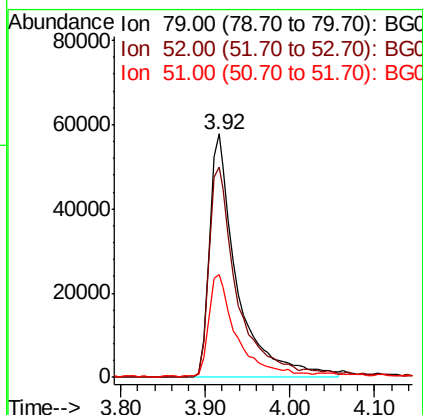
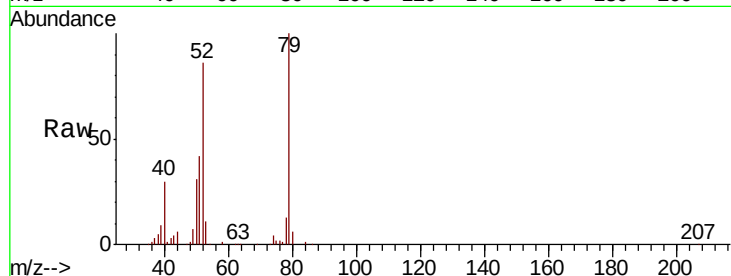


#3
 Pvridine
 Concen: 38.493 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion: 79 Resp: 131985

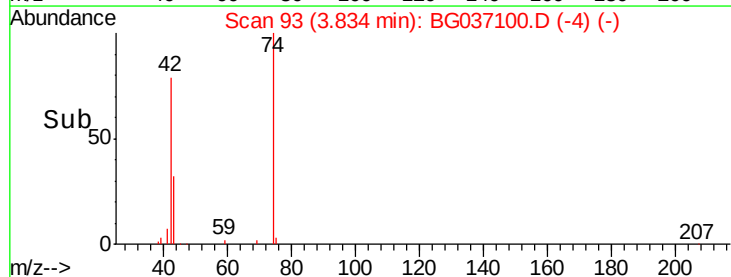
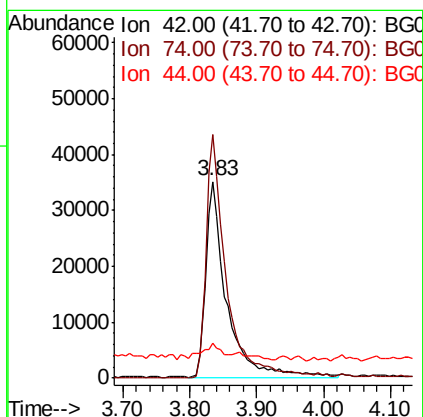
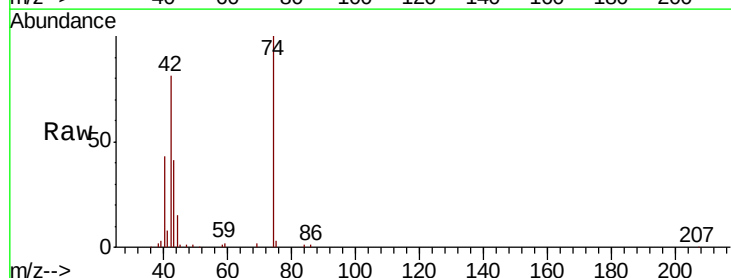
Ion	Ratio	Lower	Upper
79	100		
52	86.3	72.3	108.5
51	42.4	33.8	50.6

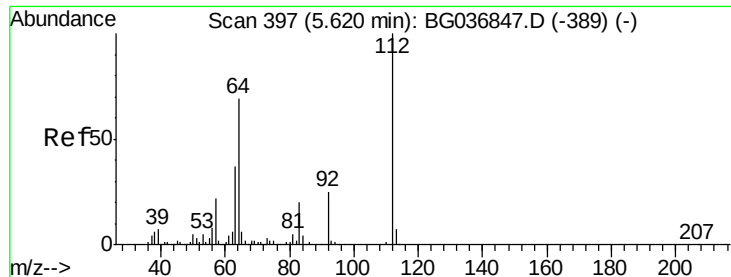


#4
 n-Nitrosodimethylamine
 Concen: 50.853 ng
 RT: 3.83 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion: 42 Resp: 77497

Ion	Ratio	Lower	Upper
42	100		
74	123.8	96.6	145.0
44	18.0	7.0	10.4





#5

2-Fluorophenol

Concen: 133.658 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

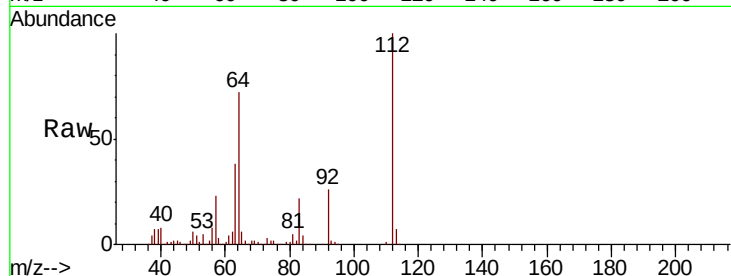
Tot Ion:112 Resp: 346859

Ion Ratio Lower Upper

112 100

64 72.2 57.2 85.8

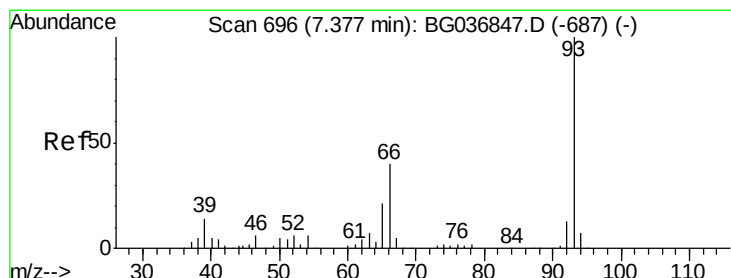
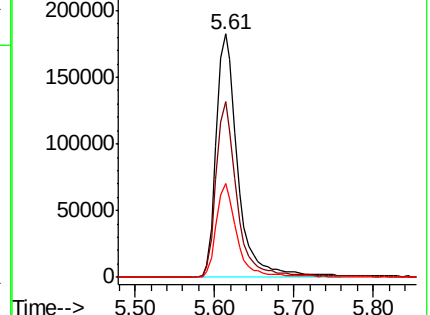
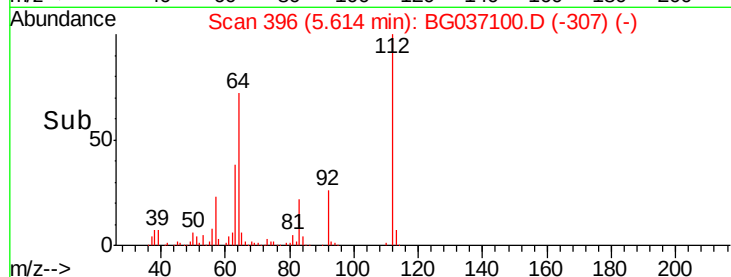
63 38.4 30.8 46.2



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: 32.768 ng

RT: 7.36 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

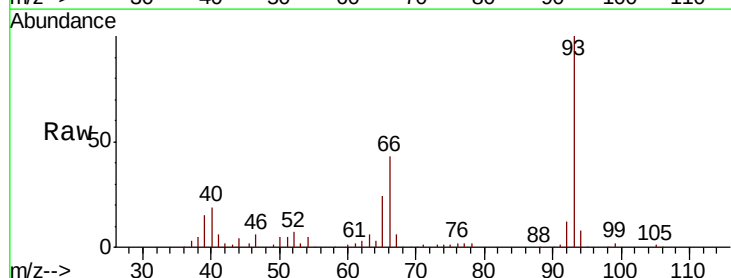
Tgt Ion: 93 Resp: 170718

Ion Ratio Lower Upper

93 100

66 43.2 35.0 52.4

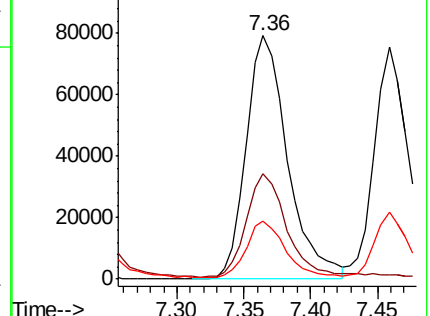
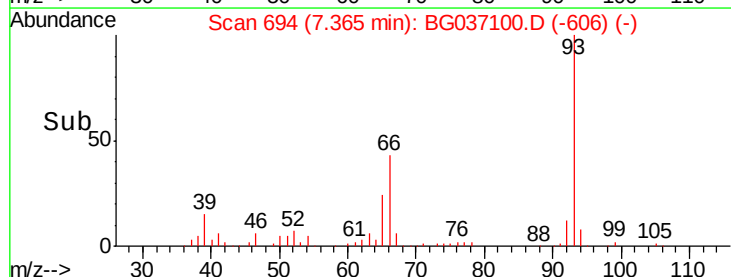
65 23.8 17.6 26.4

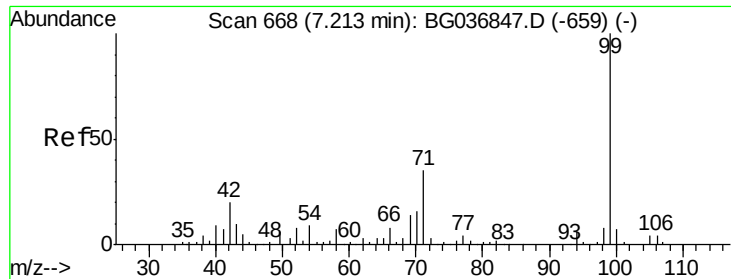


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.541 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

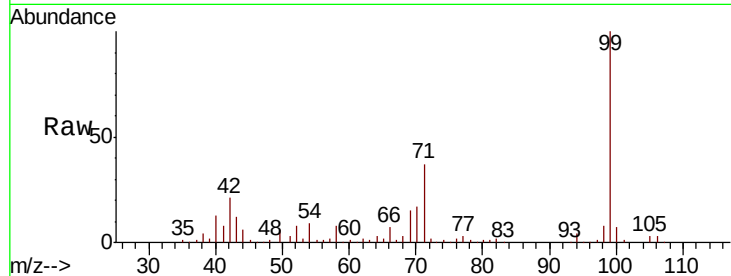
Tot Ion: 99 Resp: 467926

Ion Ratio Lower Upper

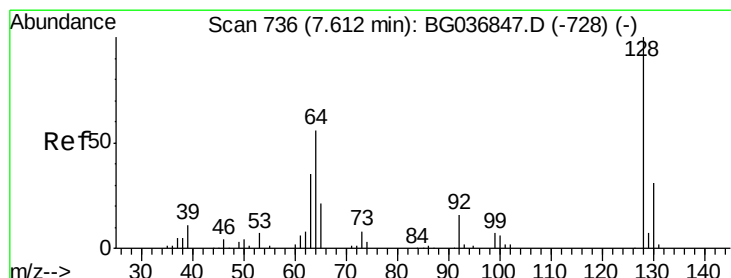
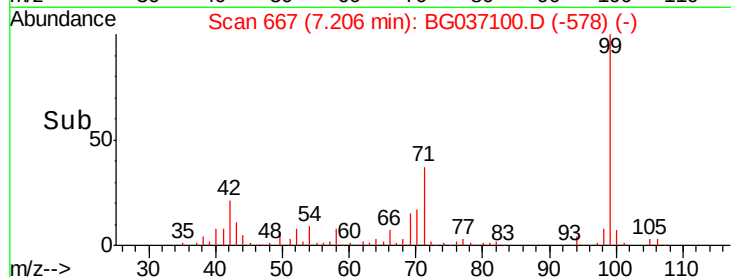
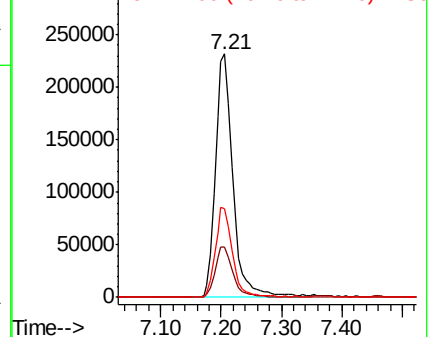
99 100

42 20.5 16.5 24.7

71 36.7 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: 46.330 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

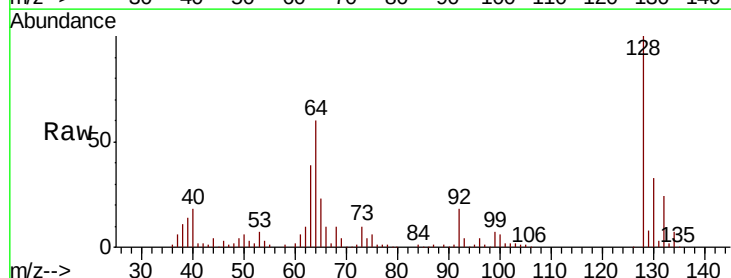
Tgt Ion: 128 Resp: 139603

Ion Ratio Lower Upper

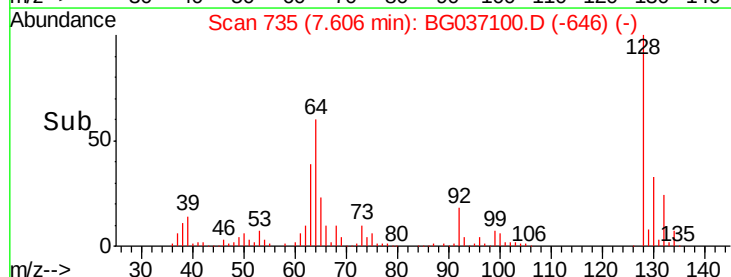
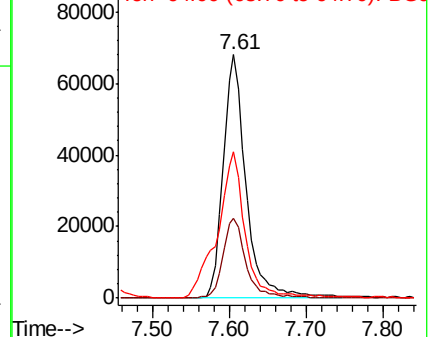
128 100

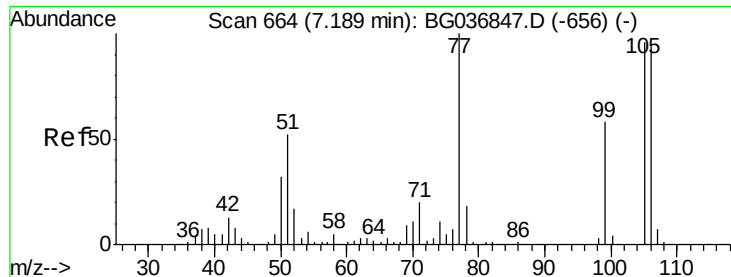
130 32.7 10.0 50.0

64 60.0 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: 24.391 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

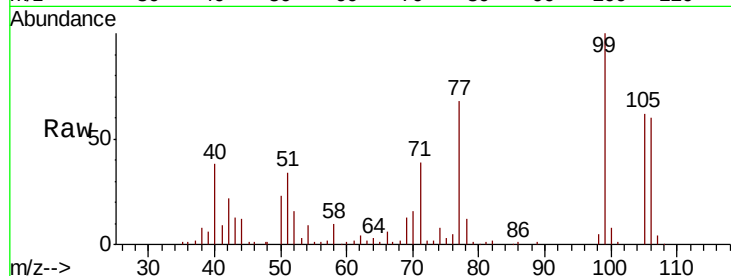
Tot Ion: 77 Resp: 64711

Ion Ratio Lower Upper

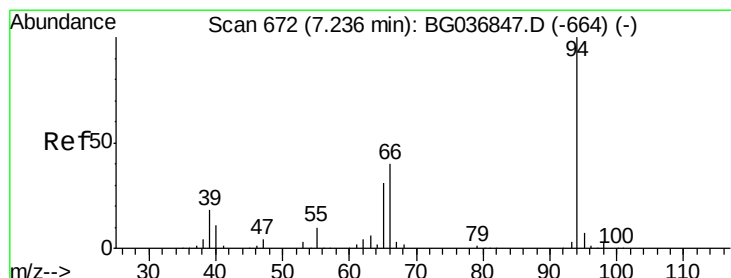
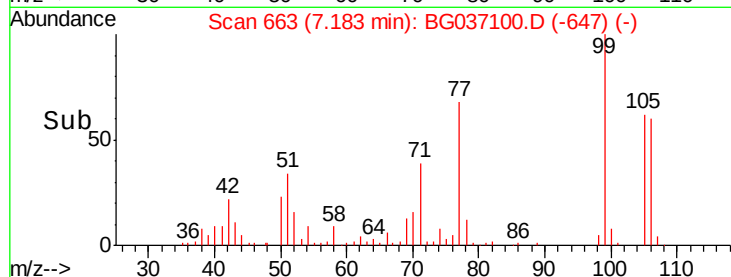
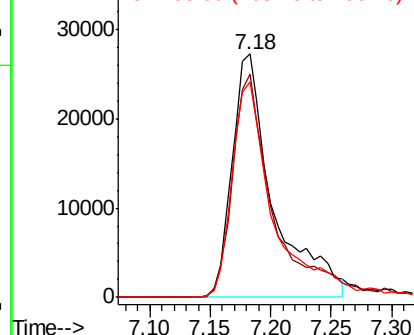
77 100

105 91.8 70.5 110.5

106 88.6 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: 45.266 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

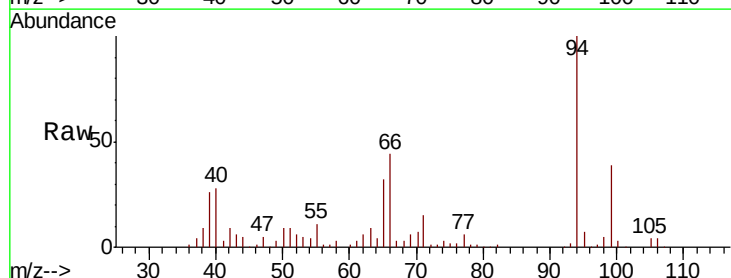
Tgt Ion: 94 Resp: 187575

Ion Ratio Lower Upper

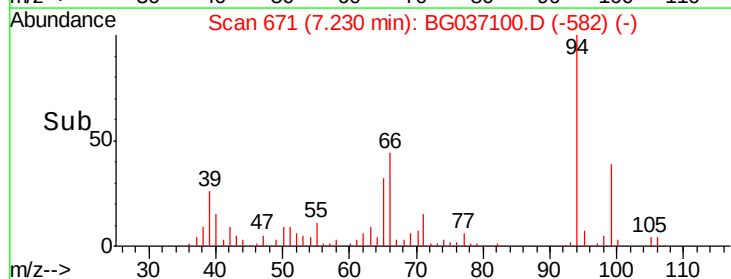
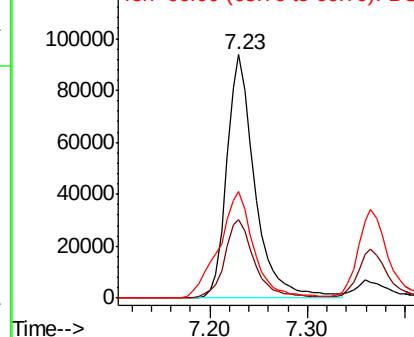
94 100

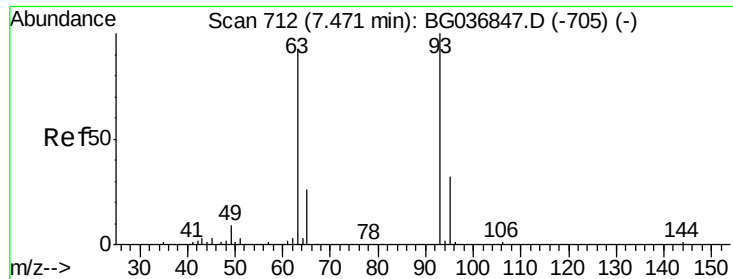
65 32.3 11.5 51.5

66 44.0 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



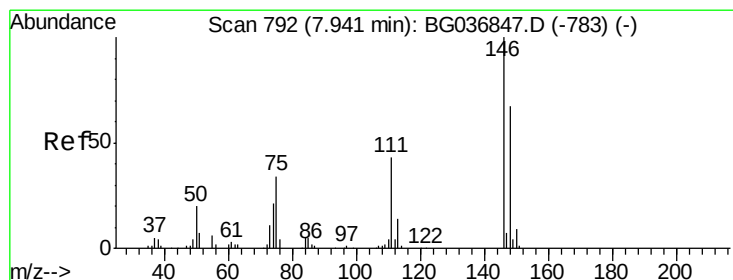
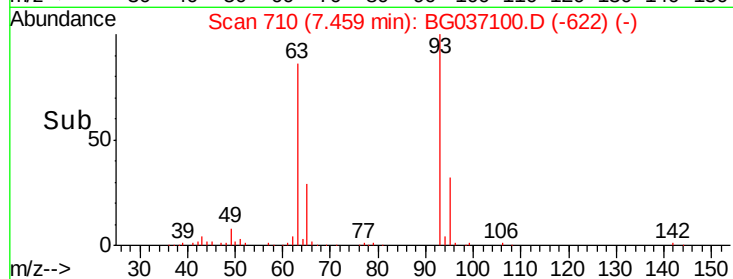
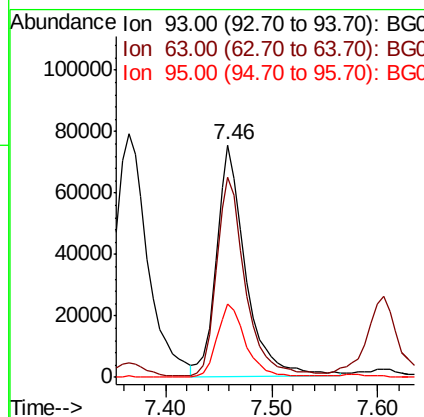
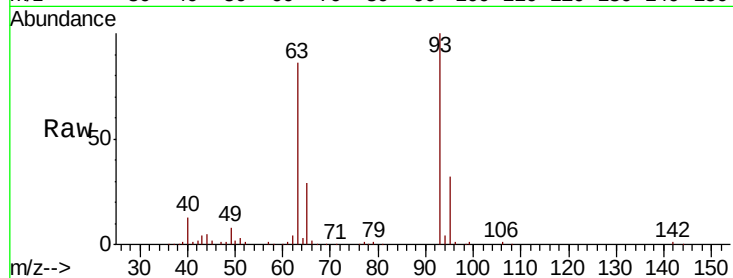


#11
 bis(2-Chloroethyl)ether
 Concen: 37.974 ng
 RT: 7.46 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion: 93 Resp: 145557

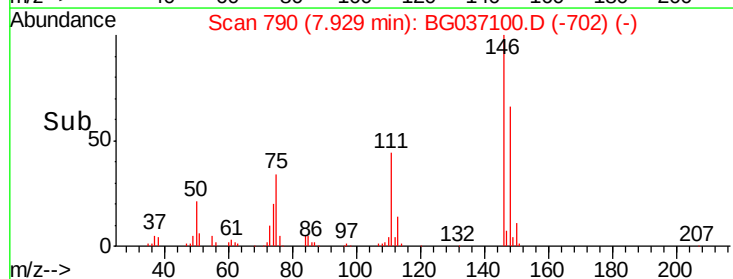
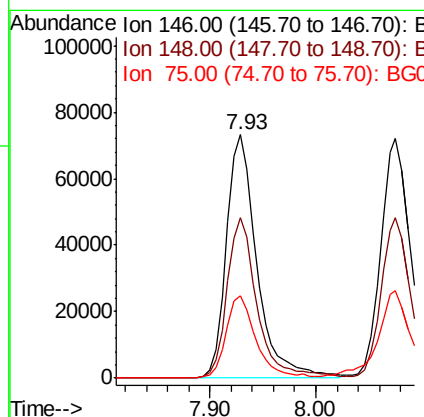
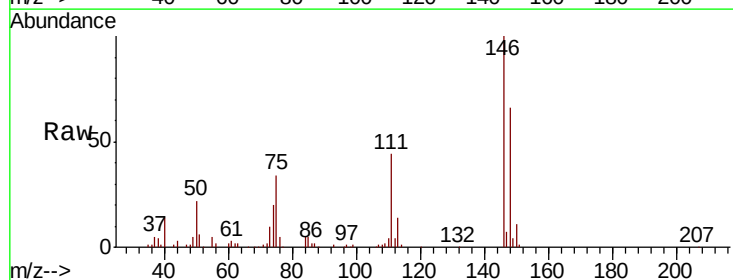
Ion	Ratio	Lower	Upper
93	100		
63	86.4	69.9	109.9
95	31.7	11.7	51.7

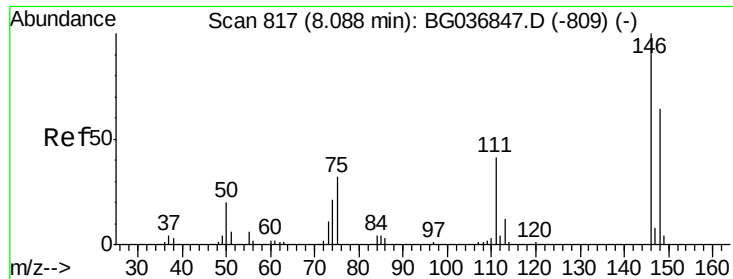


#12
 1,3-Dichlorobenzene
 Concen: 39.547 ng
 RT: 7.93 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion: 146 Resp: 146095

Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.8	80.6
75	33.6	27.2	40.8

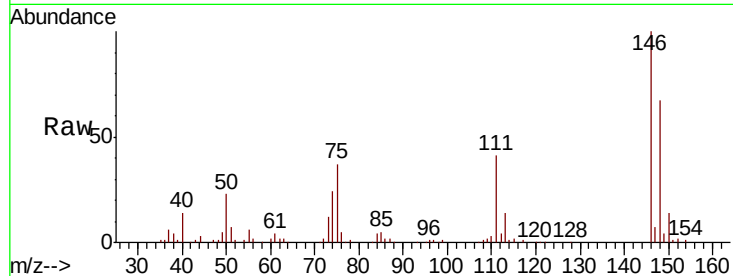




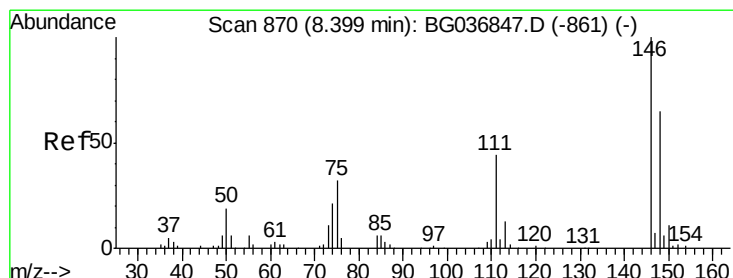
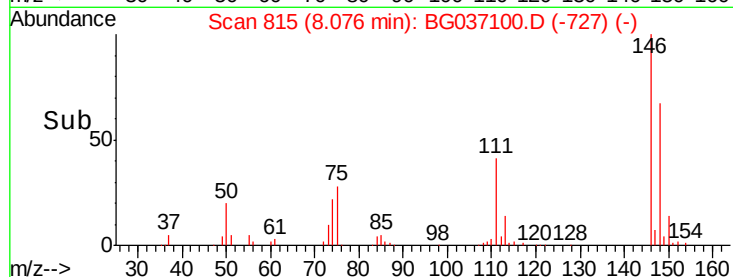
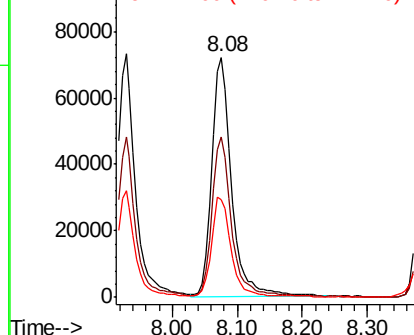
#13
 1,4-Dichlorobenzene
 Concen: 40.319 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleID :
 PB113413BS

Tot Ion:146 Resp: 152427
 Ion Ratio Lower Upper
 146 100
 148 66.7 53.9 80.9
 111 40.9 33.8 50.6

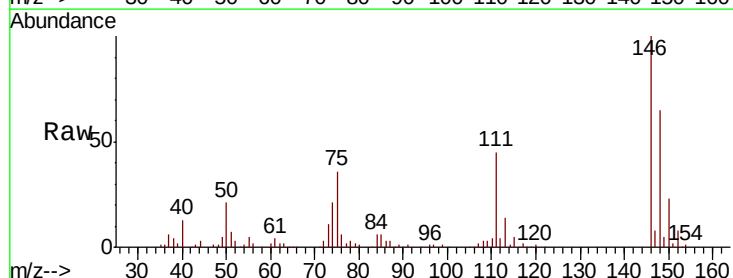


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

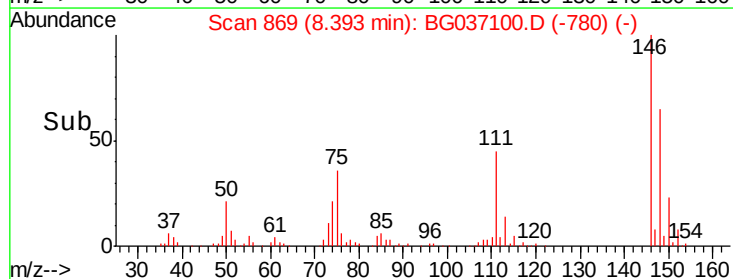
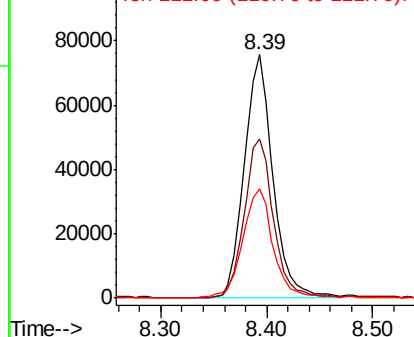


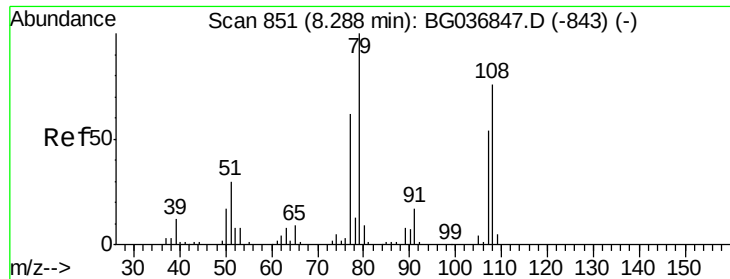
#14
 1,2-Dichlorobenzene
 Concen: 38.608 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:146 Resp: 141443
 Ion Ratio Lower Upper
 146 100
 148 65.2 55.0 82.6
 111 44.7 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: 38.954 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

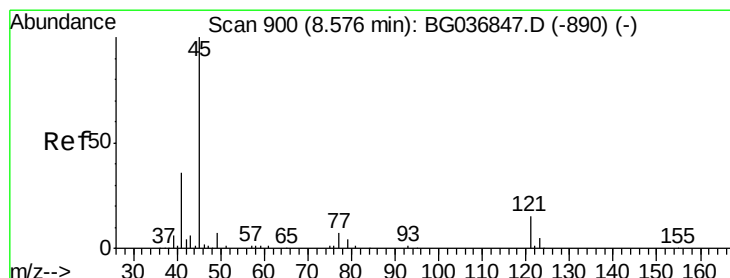
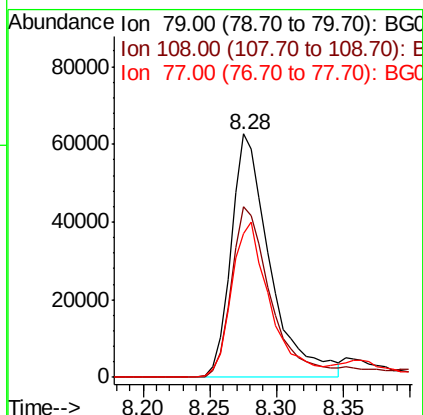
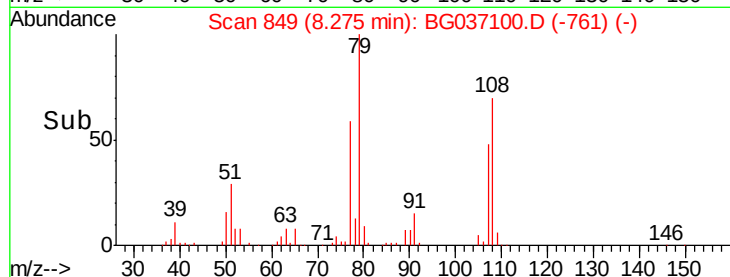
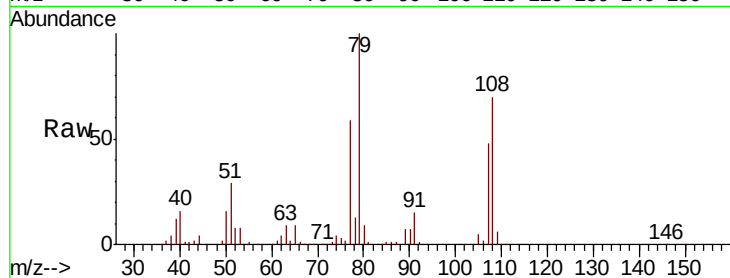
Tot Ion: 79 Resp: 126908

Ion Ratio Lower Upper

79 100

108 70.1 55.9 83.9

77 58.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.850 ng

RT: 8.56 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

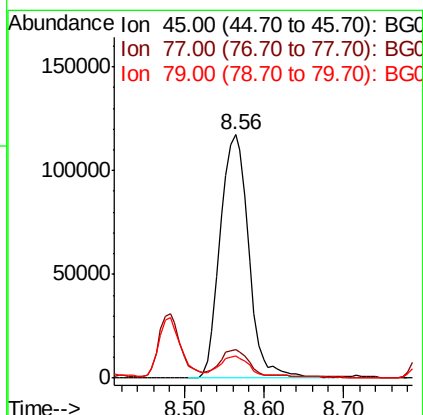
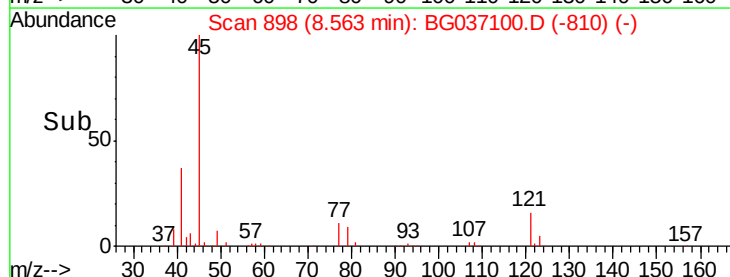
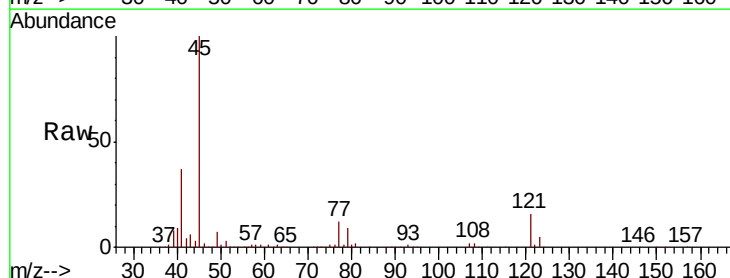
Tgt Ion: 45 Resp: 293250

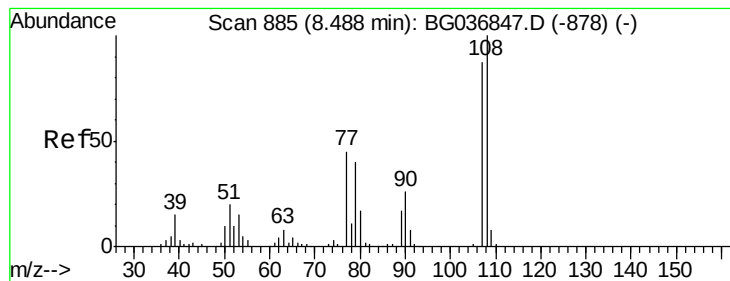
Ion Ratio Lower Upper

45 100

77 12.0 0.0 30.5

79 9.3 0.0 27.9

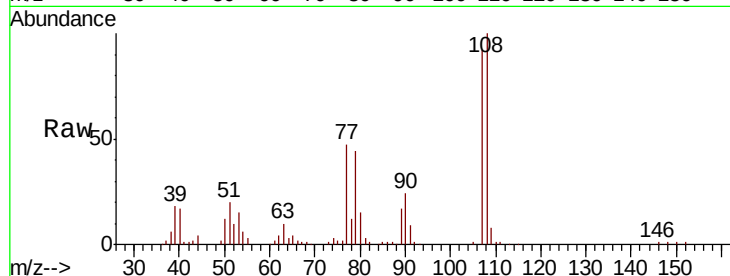




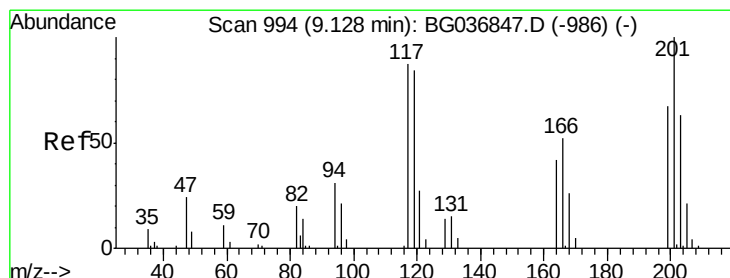
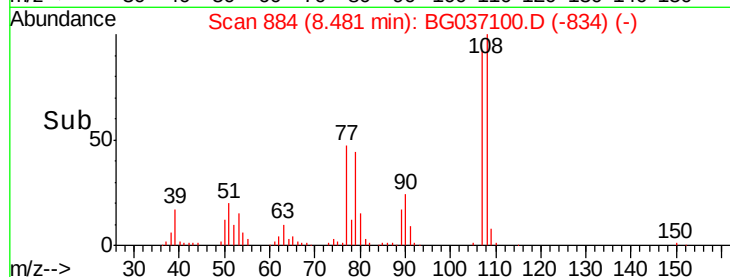
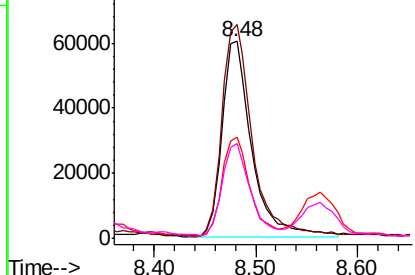
#17
2-Methylphenol
Concen: 42.127 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion:	107	Resp:	121596
Ion	Ratio	Lower	Upper
107	100		
108	108.6	86.7	130.1
77	51.4	39.0	58.4
79	47.9	36.6	54.8

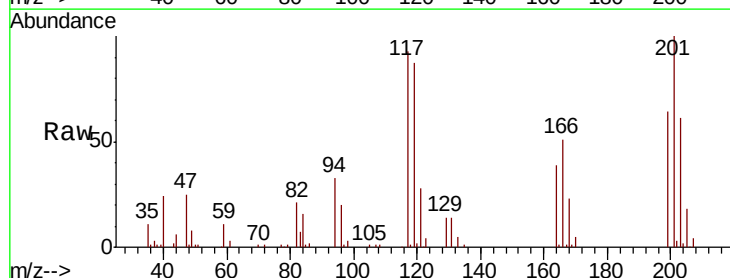


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

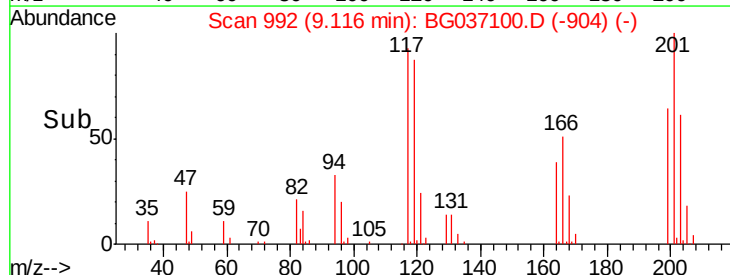
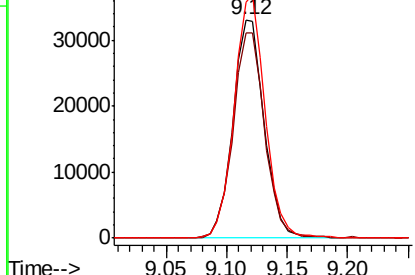


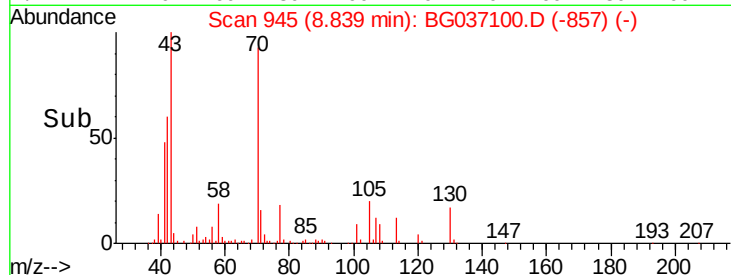
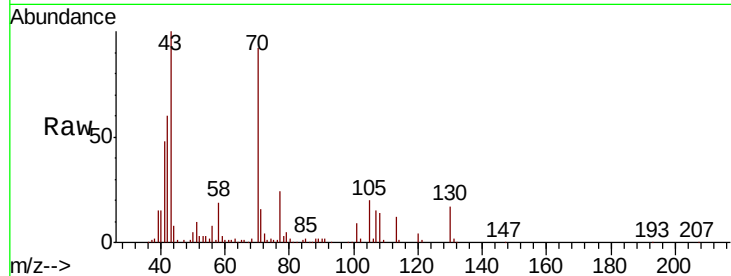
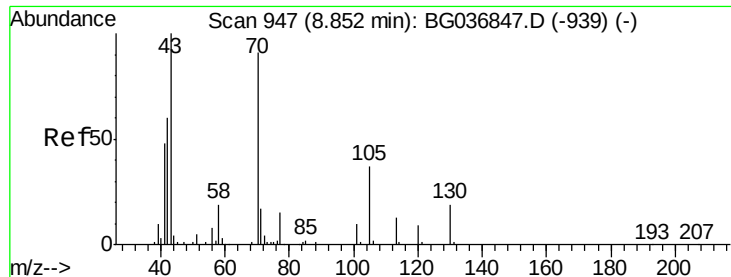
#18
Hexachloroethane
Concen: 42.833 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:	117	Resp:	59590
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.8	115.2
201	108.0	85.7	128.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

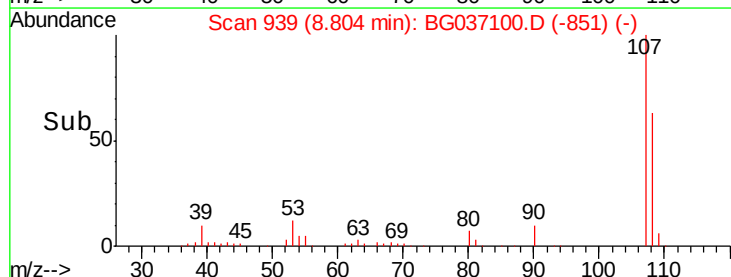
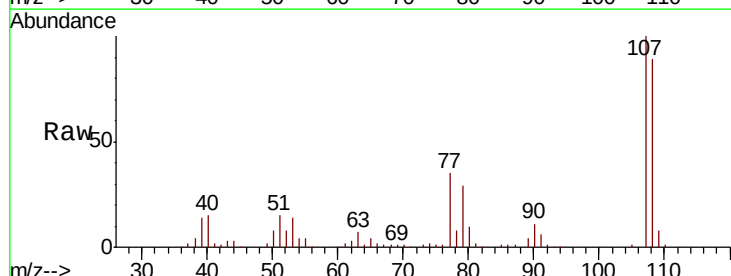
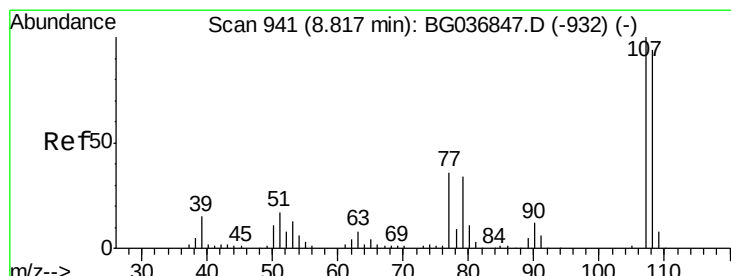
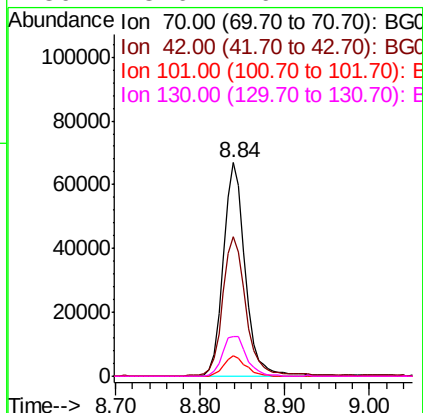




#19
n-Nitroso-di-n-propylamine
Concen: 35.795 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

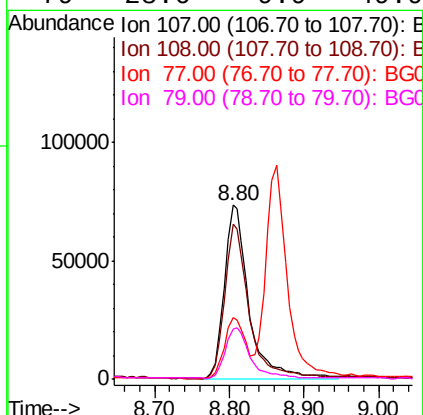
Instrument :
BNA_G
ClientSampleId :
PB113413BS

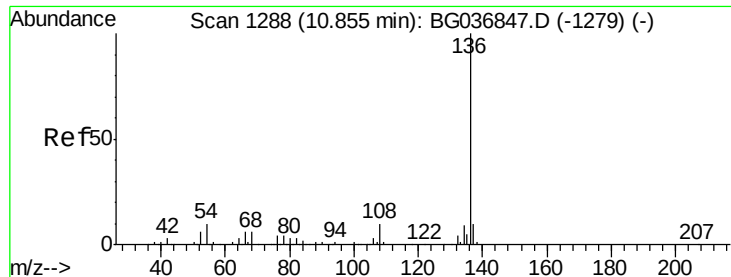
Tot Ion:	70	Resp:	119560
Ion	Ratio	Lower	Upper
70	100		
42	65.4	56.2	84.4
101	9.5	7.8	11.6
130	18.6	16.2	24.2



#20
3+4-Methylphenols
Concen: 41.915 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:	107	Resp:	168311
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.0	108.0
77	35.3	15.6	55.6
79	28.6	9.9	49.9

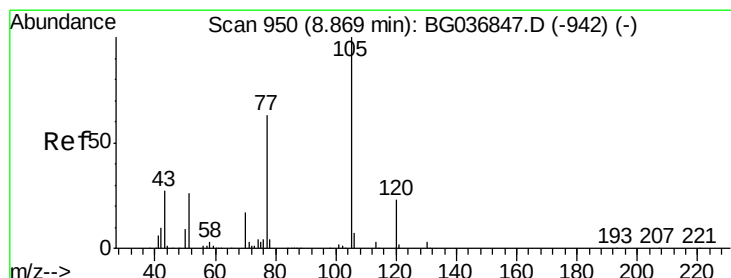
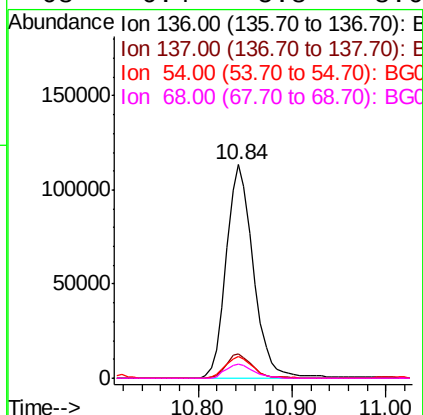
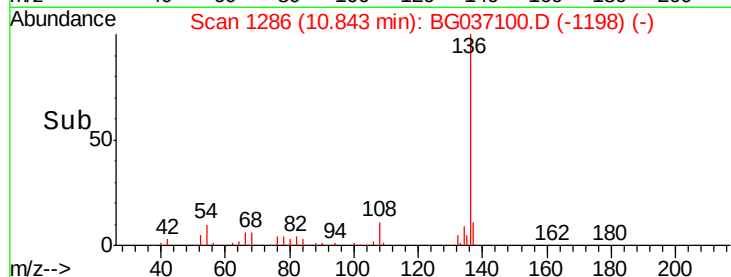
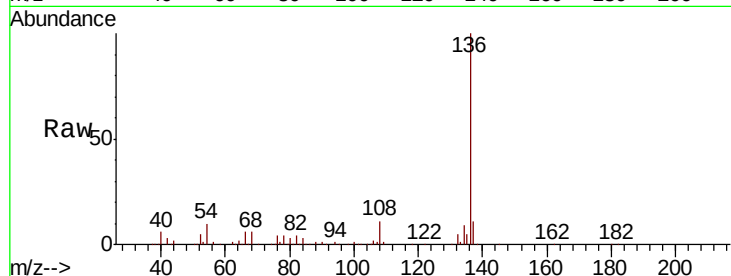




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

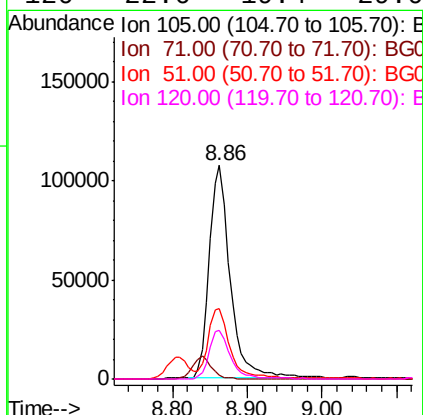
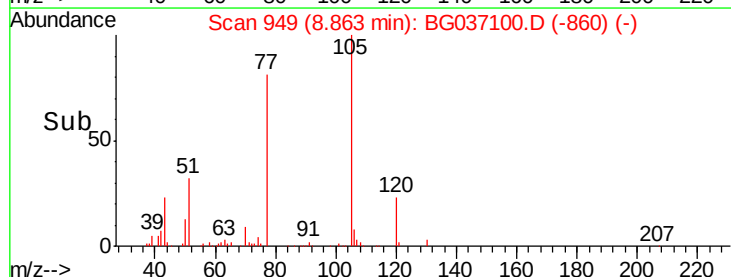
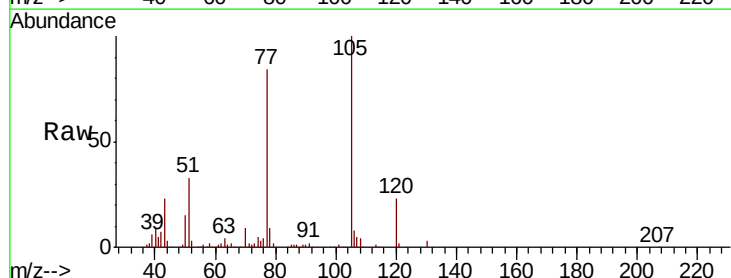
Instrument :
BNA_G
ClientSampleId :
PB113413BS

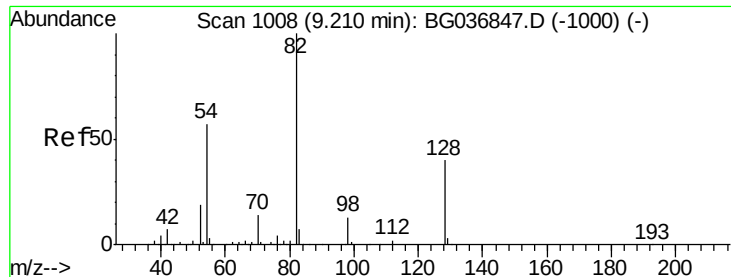
Tot Ion:136	Resp:	227720
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 10.1	9.2	13.8
68 6.4	5.8	8.6



#22
Acetophenone
Concen: 39.485 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt	Ion:105	Resp:	211296
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.4	3.6#
51	32.8	25.9	38.9
120	22.6	19.4	29.0

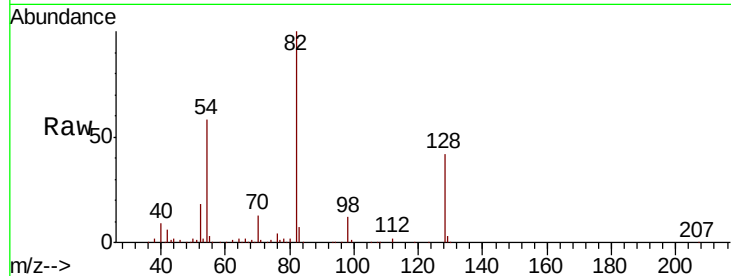




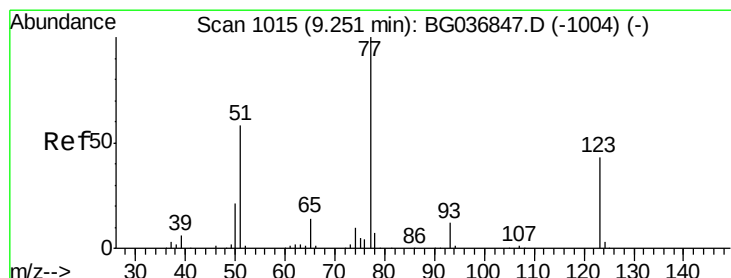
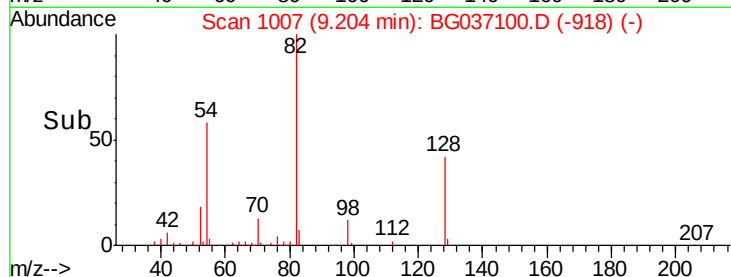
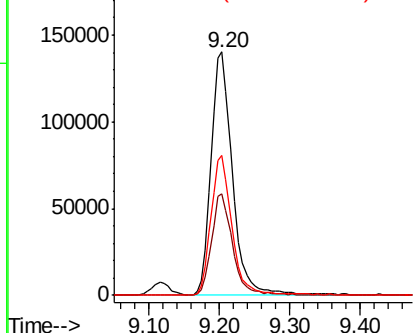
#23
Nitrobenzene-d5
Concen: 69.370 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion: 82 Resp: 294987
Ion Ratio Lower Upper
82 100
128 41.7 33.3 49.9
54 57.6 45.1 67.7

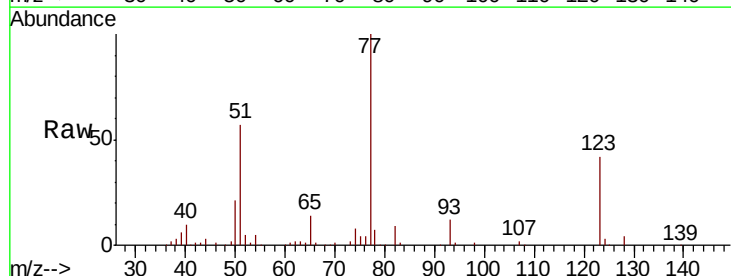


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

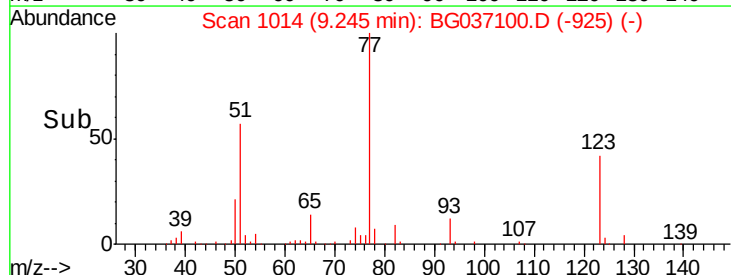
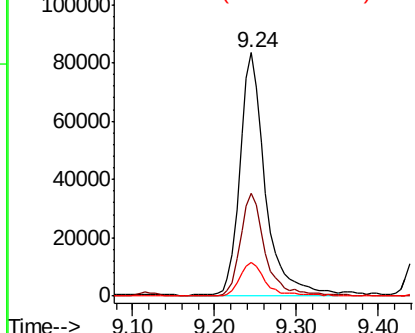


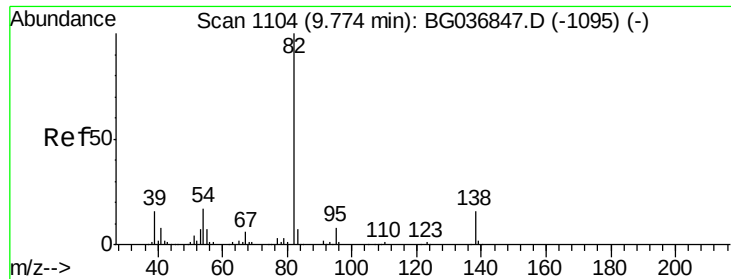
#24
Nitrobenzene
Concen: 39.369 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion: 77 Resp: 178779
Ion Ratio Lower Upper
77 100
123 42.0 32.4 48.6
65 13.7 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: 43.028 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

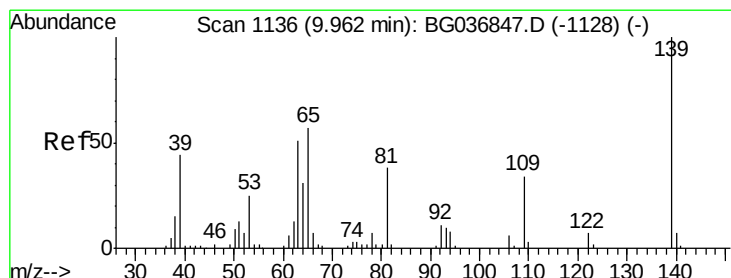
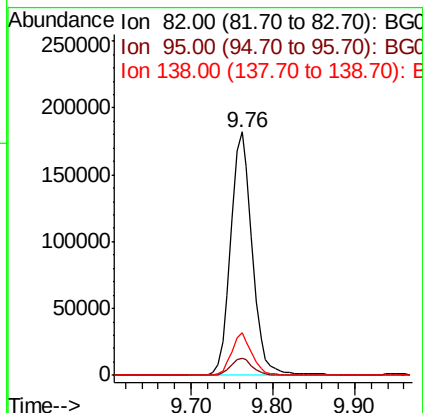
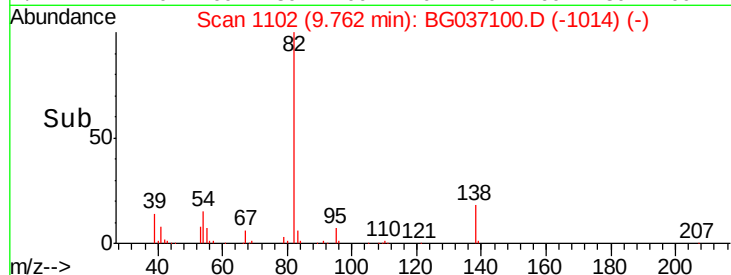
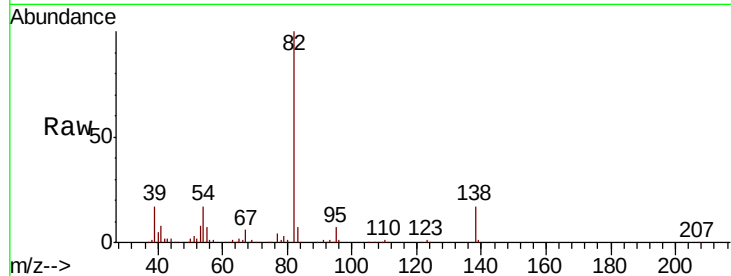
Tot Ion: 82 Resp: 334330

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 40.945 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

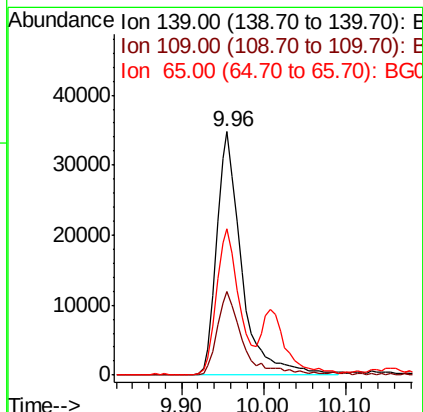
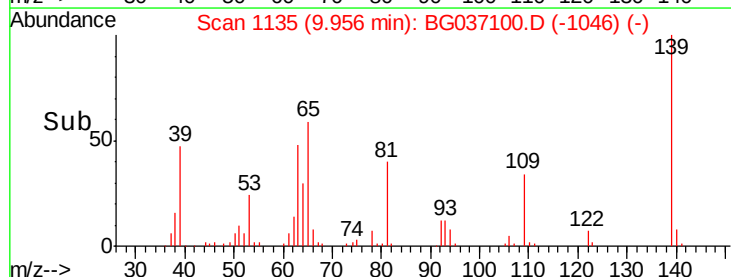
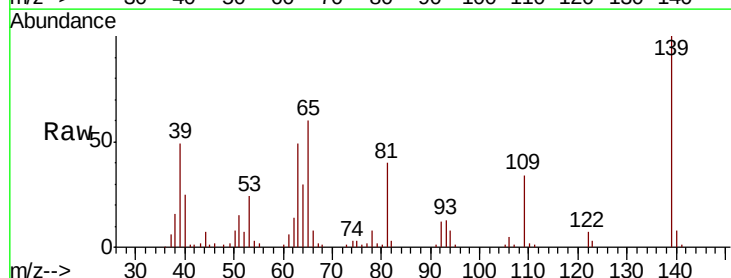
Tgt Ion: 139 Resp: 74114

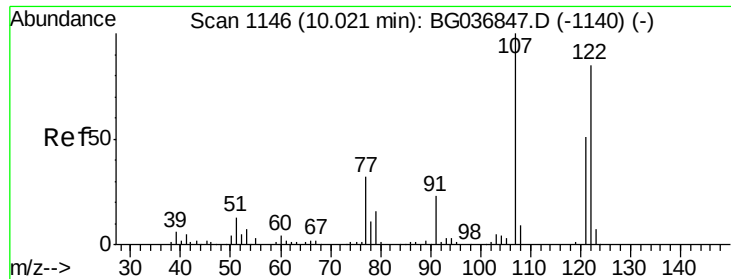
Ion Ratio Lower Upper

139 100

109 34.3 27.4 41.0

65 60.2 47.8 71.6

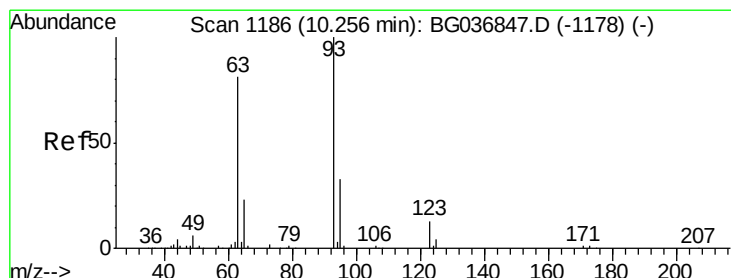
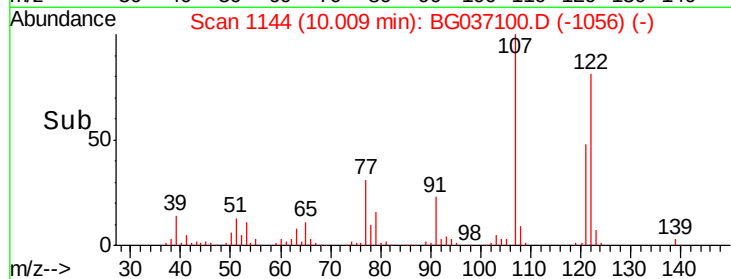
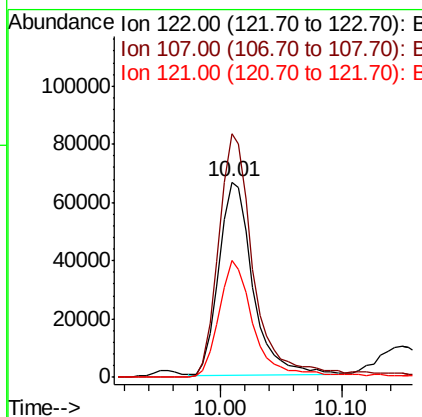
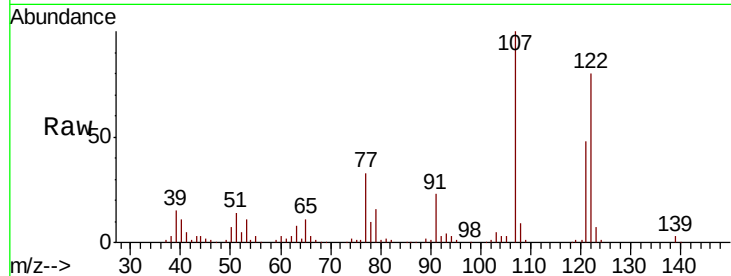




#27
 2,4-Dimethylphenol
 Concen: 46.068 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

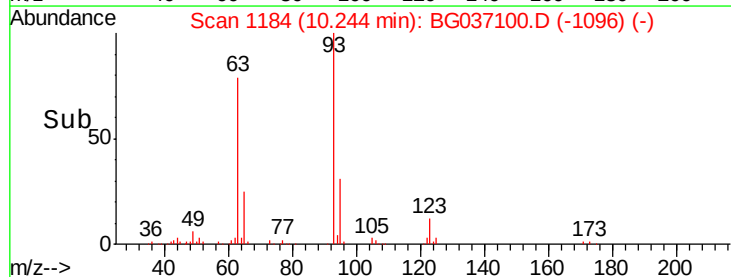
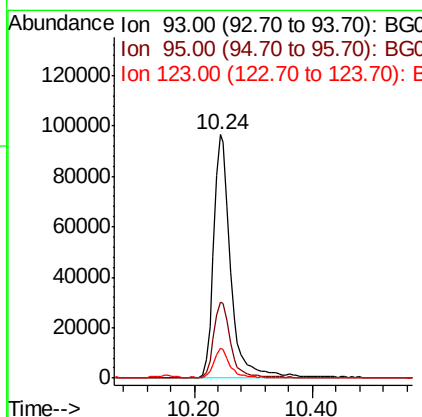
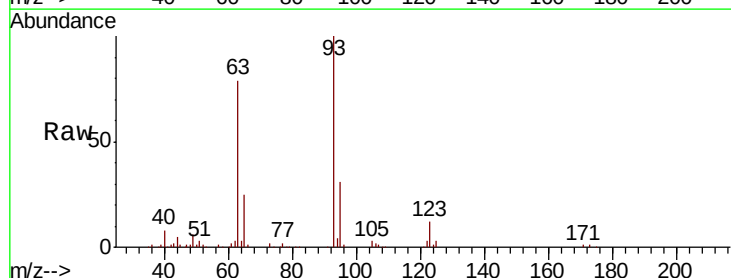
Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

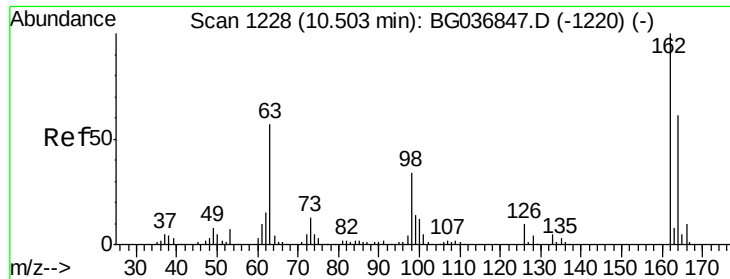
Tot Ion:122 Resp: 129892
 Ion Ratio Lower Upper
 122 100
 107 124.6 96.0 144.0
 121 59.9 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.851 ng
 RT: 10.24 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion: 93 Resp: 195862
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.2 37.8
 123 12.2 8.6 12.8

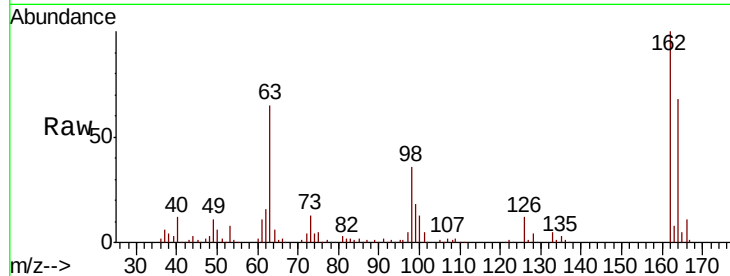




#29
 2,4-Dichlorophenol
 Concen: 42.871 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	47.6	87.6
98	36.2	19.2	59.2

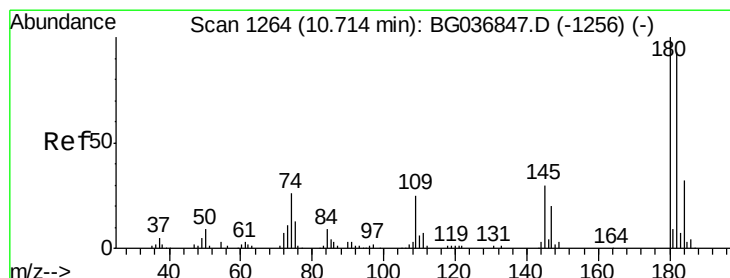
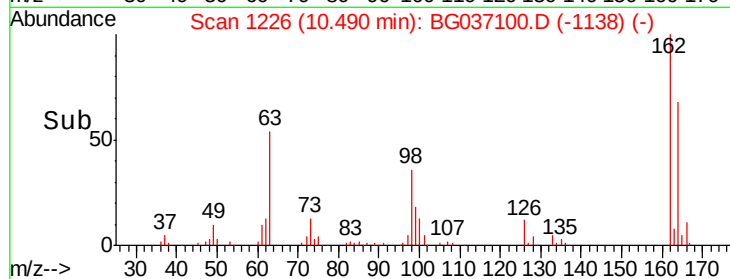
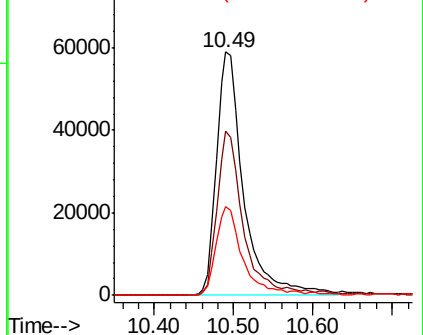


Abundance

Ion 162.00 (161.70 to 162.70): E

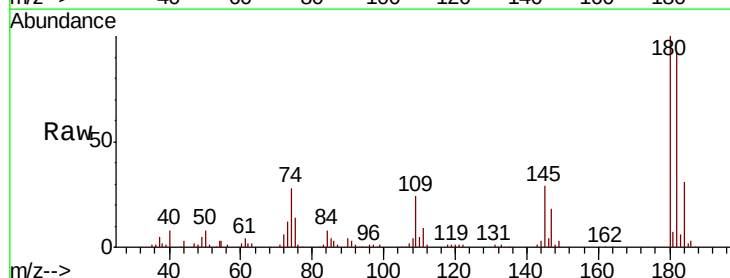
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.160 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.0	114.0
145	28.8	22.9	34.3

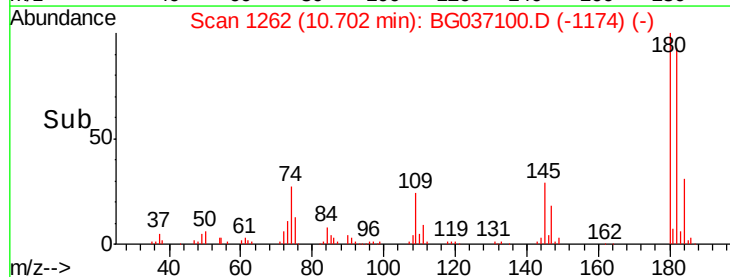
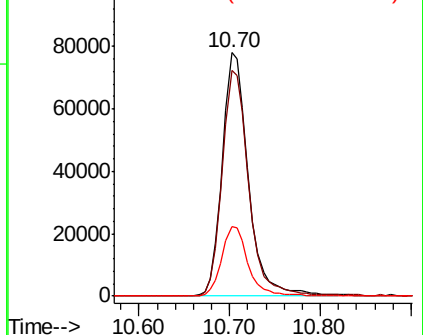


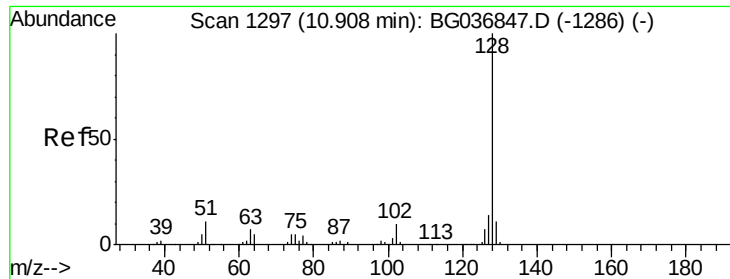
Abundance

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

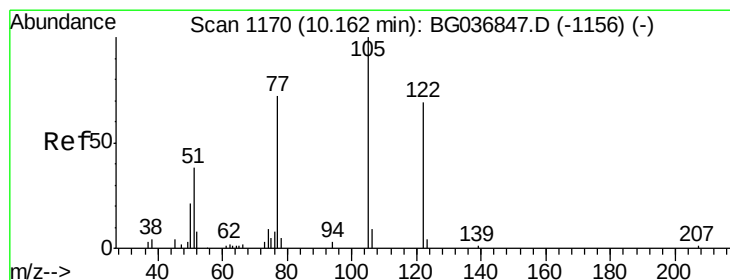
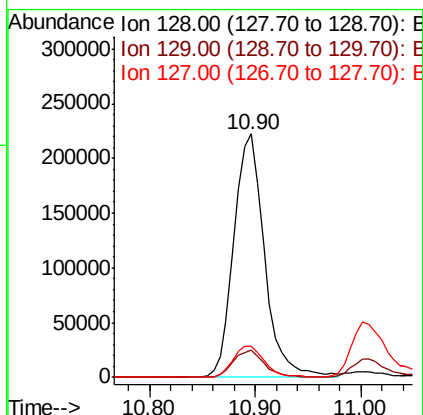
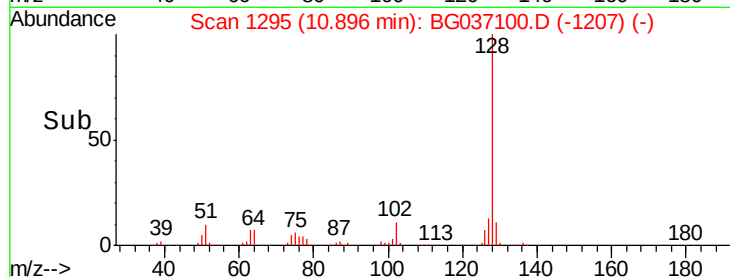
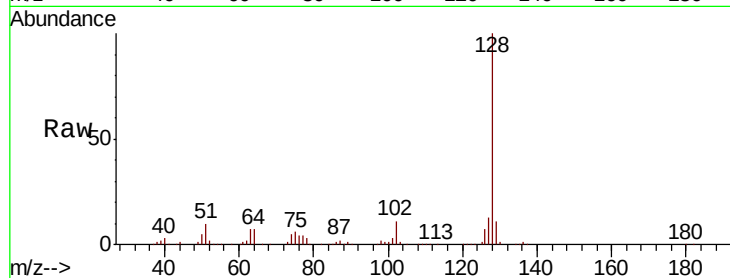




#31
Naphthalene
Concen: 41.340 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

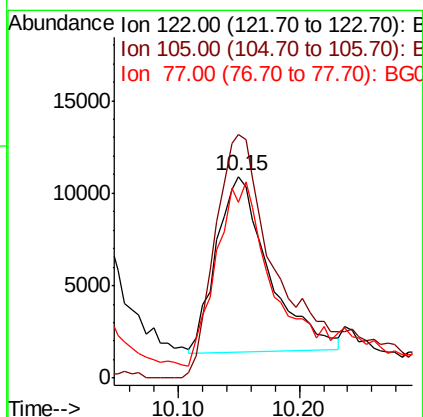
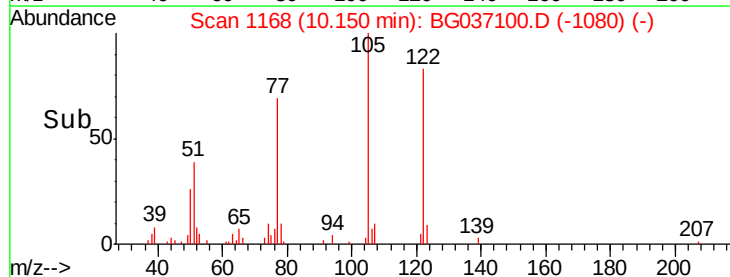
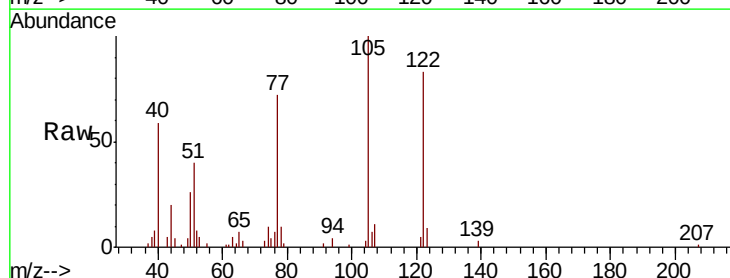
Instrument :
BNA_G
ClientSampleId :
PB113413BS

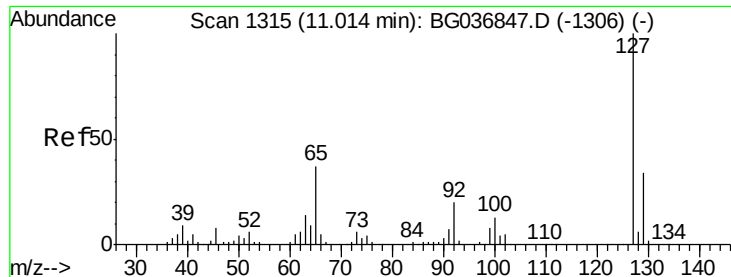
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	13.0	11.0	16.4



#32
Benzoic acid
Concen: 17.518 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	108.1	148.1
77	87.1	76.3	116.3

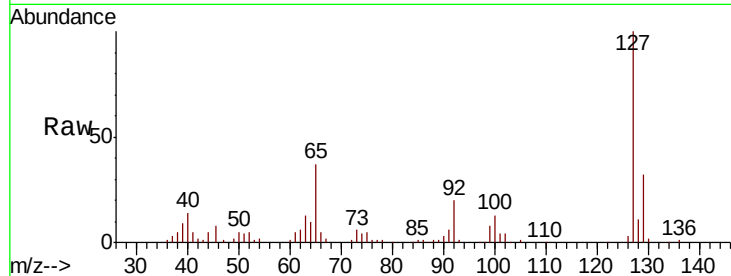




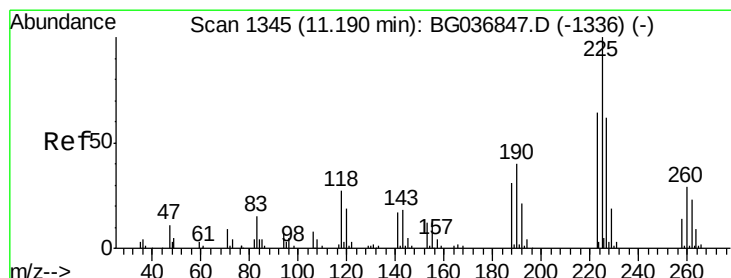
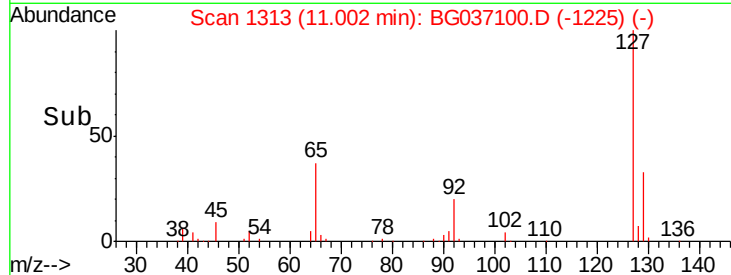
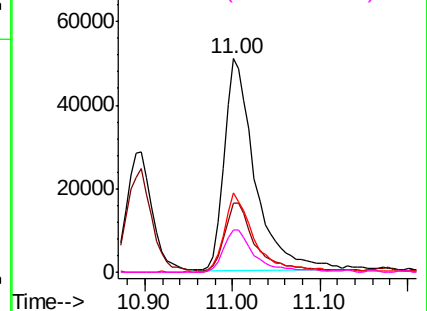
#33
4-Chloroaniline
Concen: 24.997 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

Tot Ion:	127	Resp:	123146
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	37.2	27.5	41.3
92	19.7	16.2	24.2

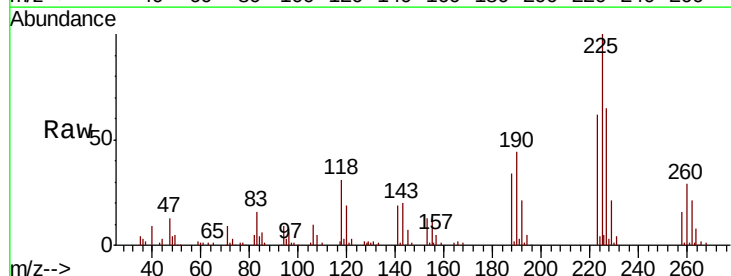


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

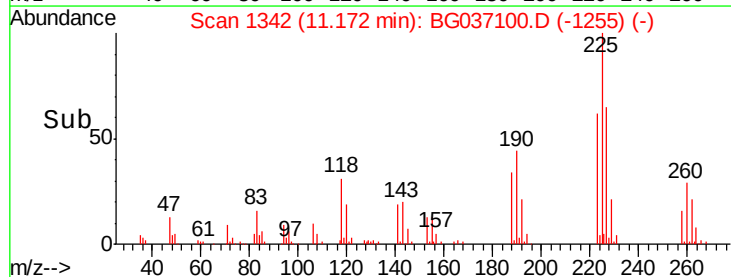
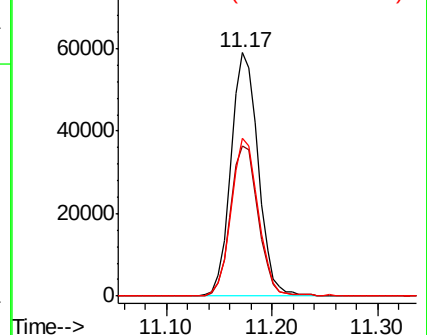


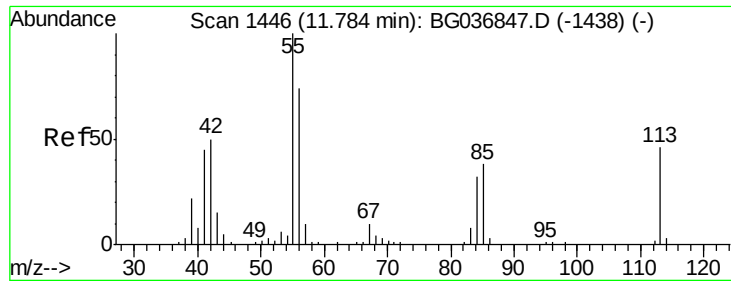
#34
Hexachlorobutadiene
Concen: 37.069 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:	225	Resp:	104858
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.8	77.8
227	64.9	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

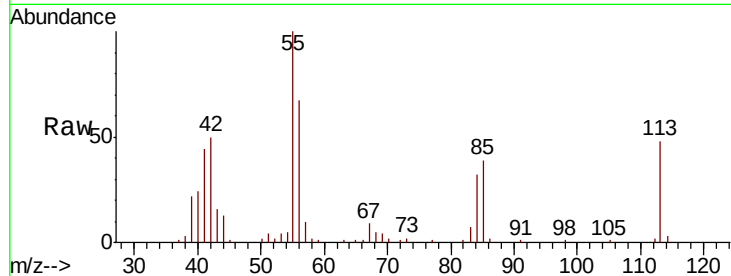




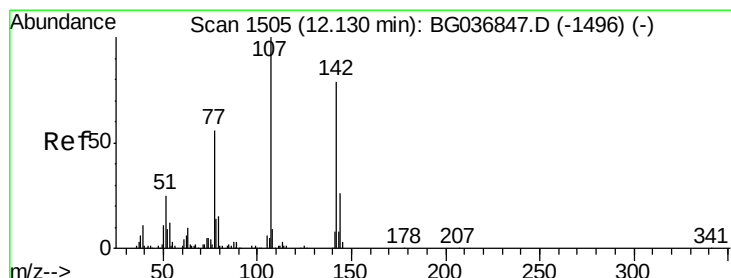
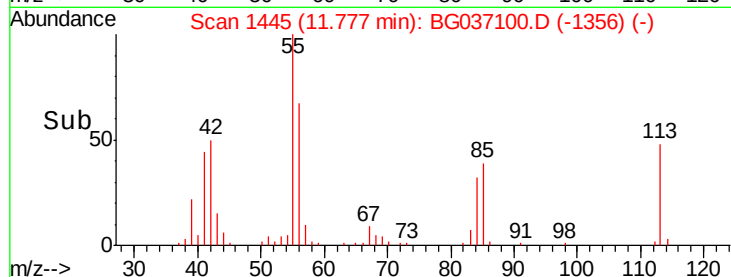
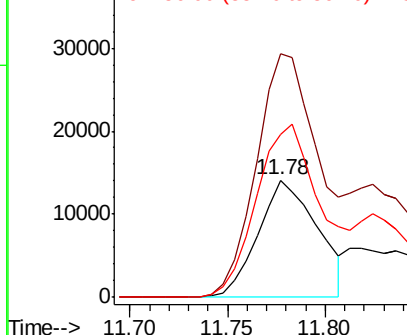
#35
 Caprolactam
 Concen: 22.097 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion:113 Resp: 29726
 Ion Ratio Lower Upper
 113 100
 55 207.8 197.7 237.7
 56 138.6 131.7 171.7

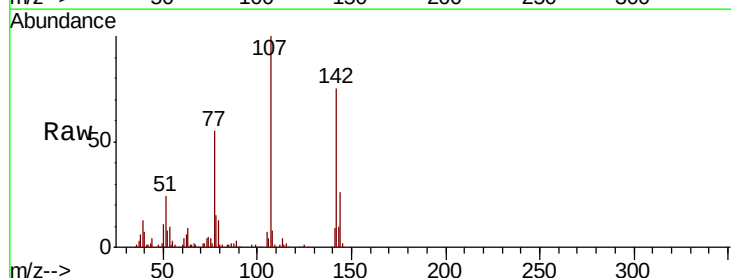


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

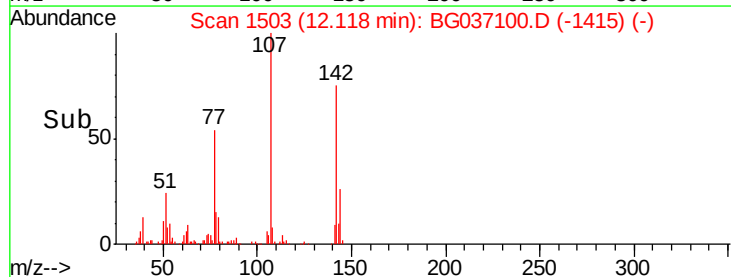
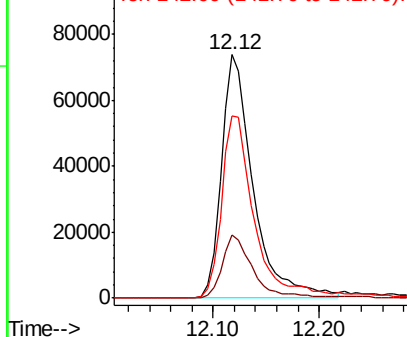


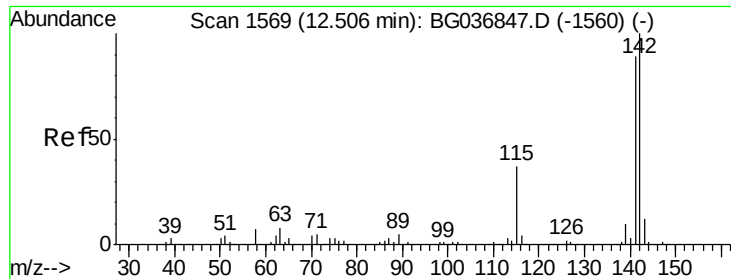
#36
 4-Chloro-3-methylphenol
 Concen: 39.399 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:107 Resp: 153658
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.5 29.3
 142 74.8 62.4 93.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

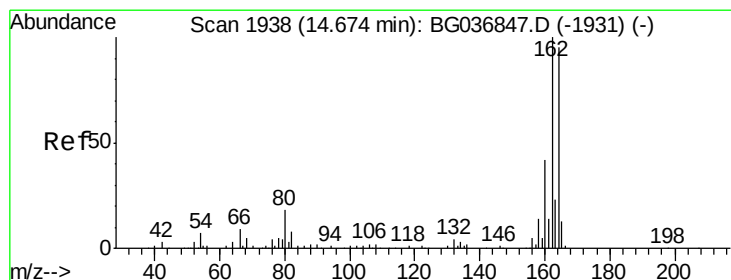
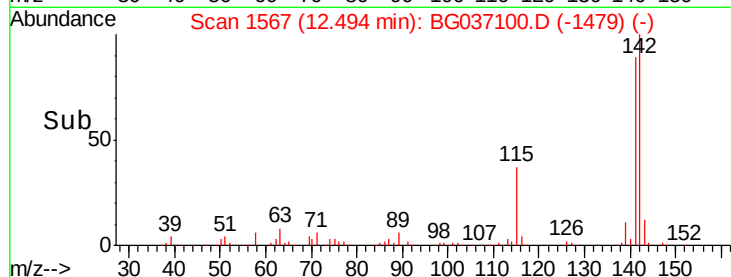
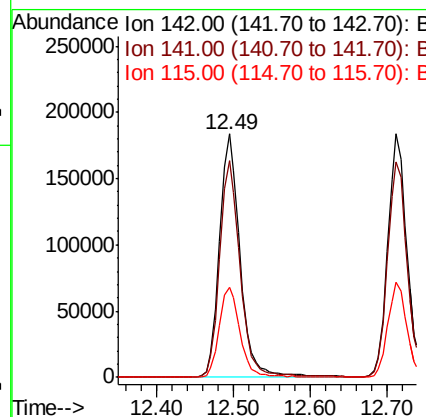
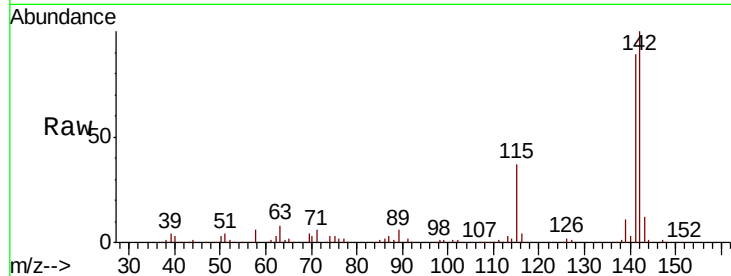




#37
2-Methylnaphthalene
Concen: 41.028 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

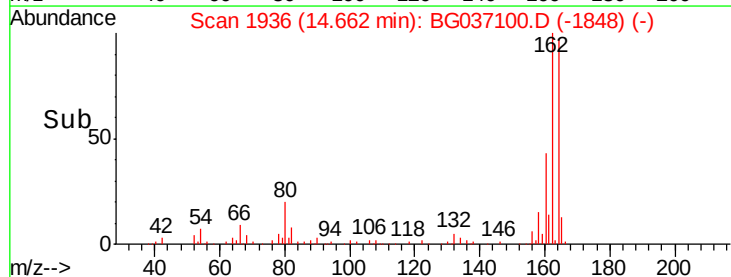
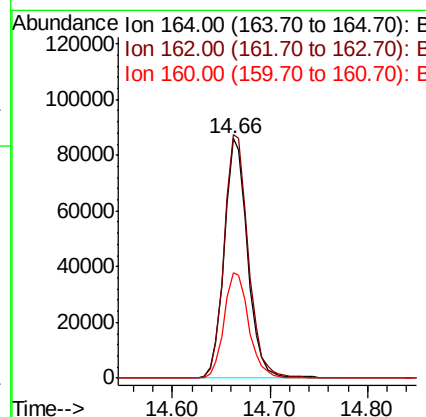
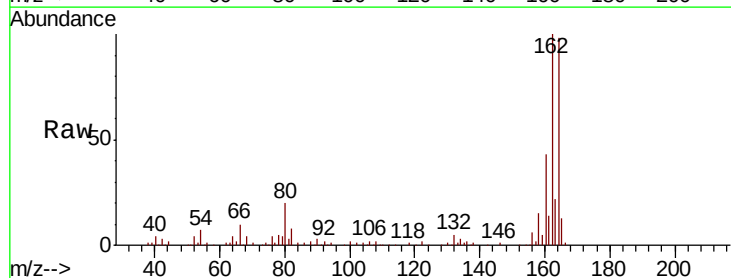
Instrument :
BNA_G
ClientSampleId :
PB113413BS

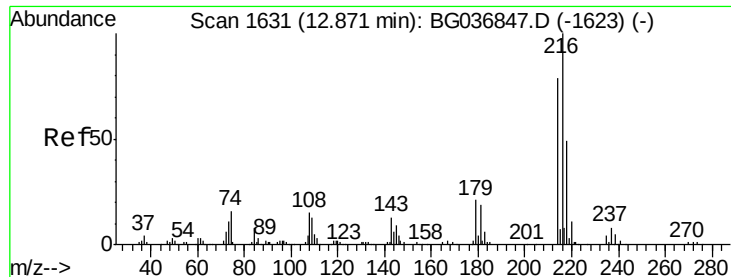
Tot Ion:142 Resp: 338569
Ion Ratio Lower Upper
142 100
141 89.2 68.5 102.7
115 36.9 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:164 Resp: 143053
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 43.8 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.436 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

Tot Ion:216 Resp: 186785

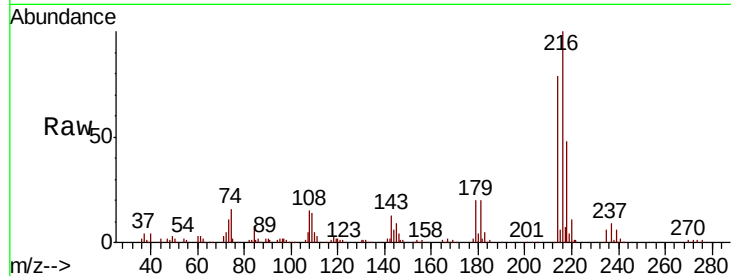
Ion Ratio Lower Upper

216 100

214 77.2 61.0 91.6

179 19.7 15.7 23.5

108 18.6 13.1 19.7

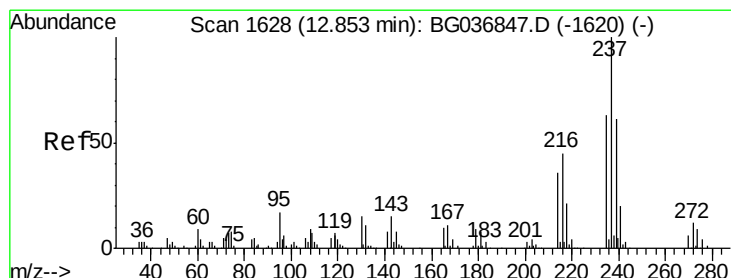
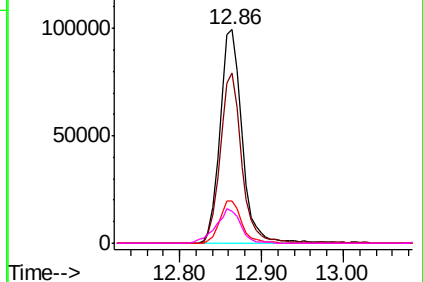
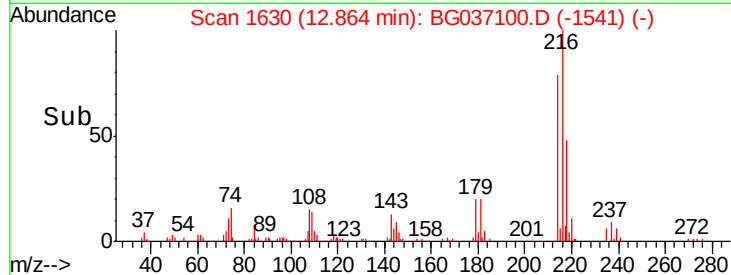


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.068 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

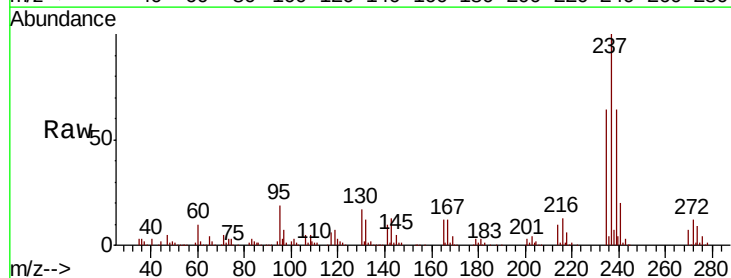
Tgt Ion:237 Resp: 202894

Ion Ratio Lower Upper

237 100

235 63.5 42.2 82.2

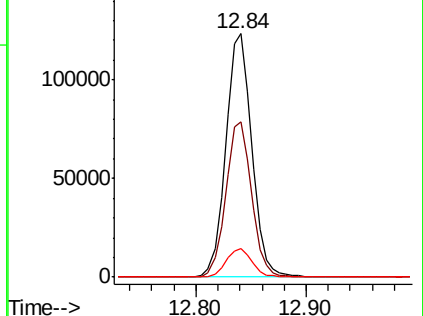
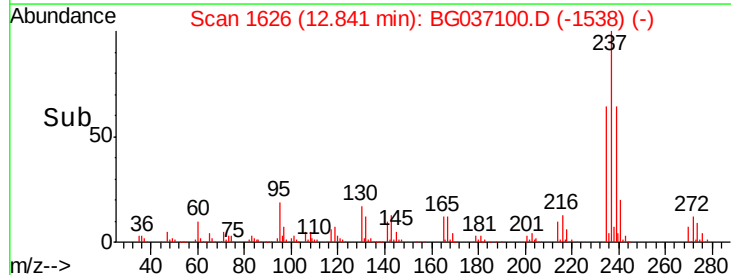
272 11.6 0.0 32.1

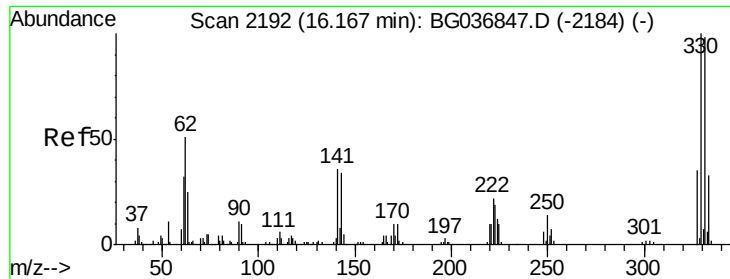


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

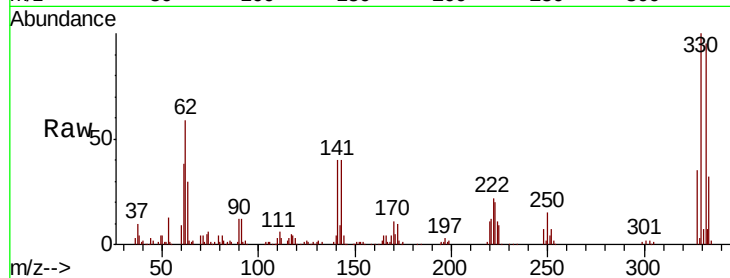




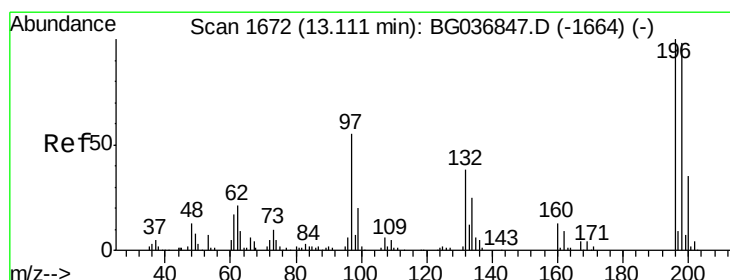
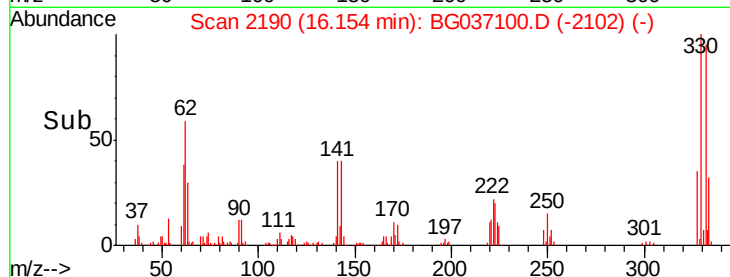
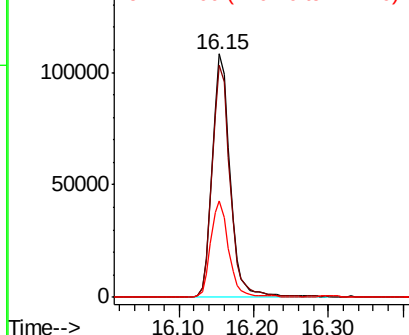
#41
 2,4,6-Tribromophenol
 Concen: 105.368 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion:330 Resp: 180342
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 40.1 30.7 46.1

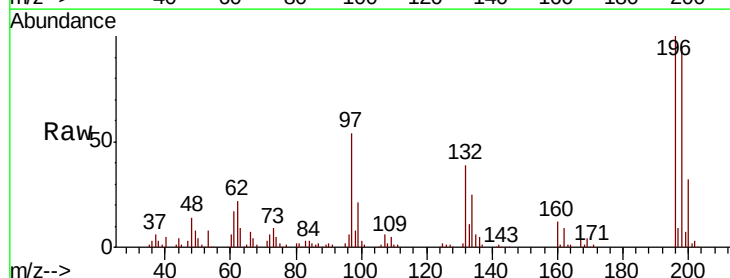


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

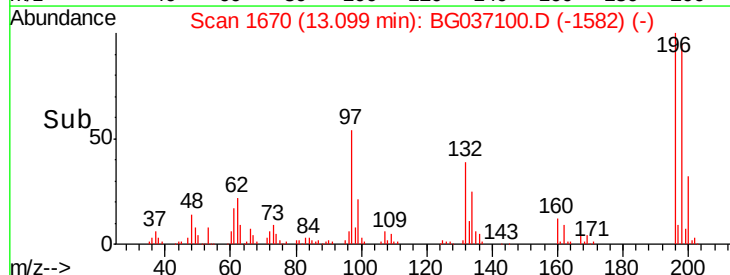
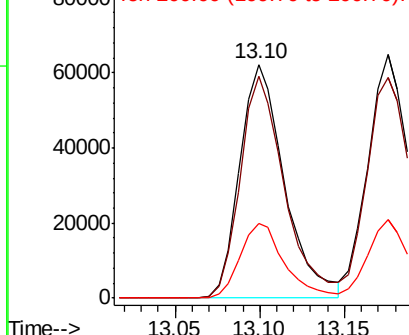


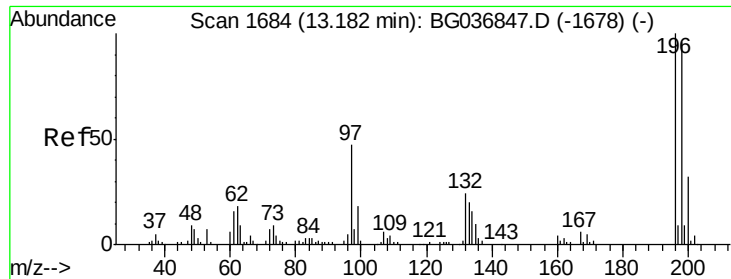
#42
 2,4,6-Trichlorophenol
 Concen: 41.415 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:196 Resp: 114747
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.2 115.8
 200 32.1 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

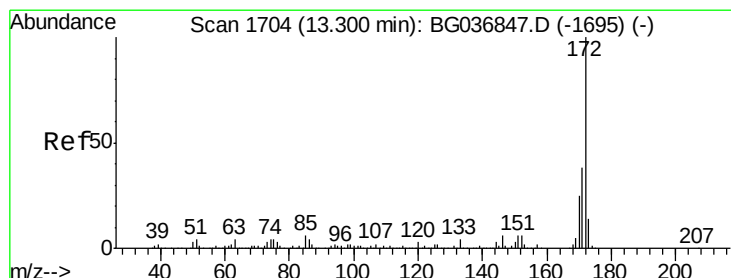
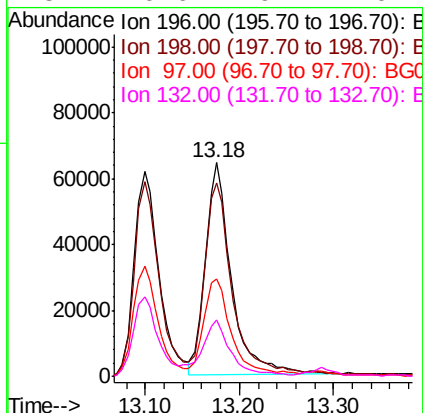
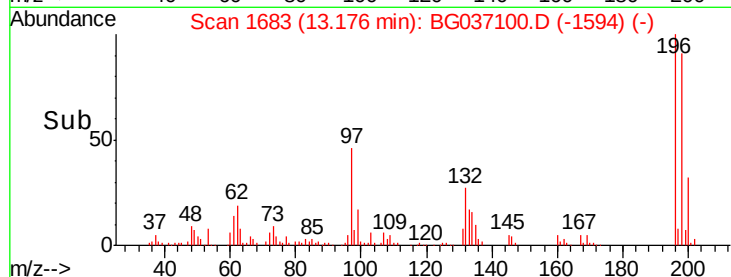
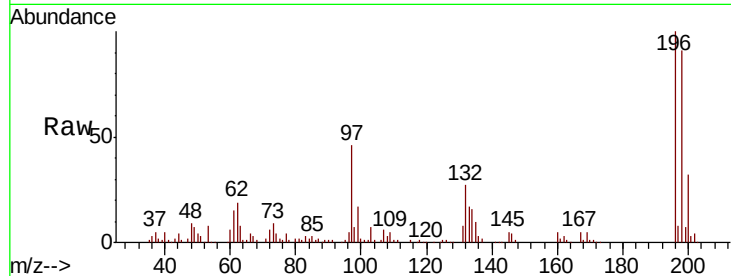




#43
 2,4,5-Trichlorophenol
 Concen: 42.760 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

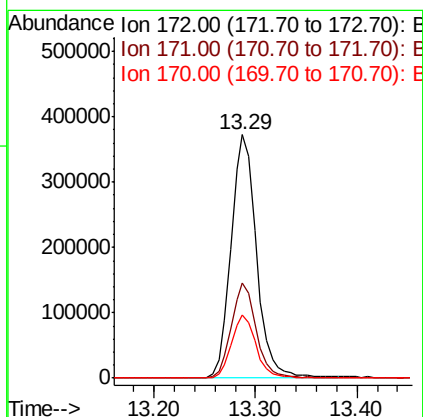
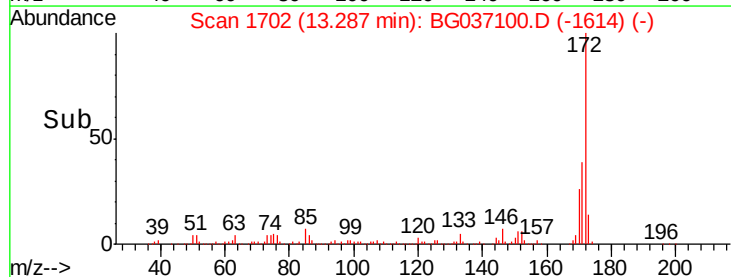
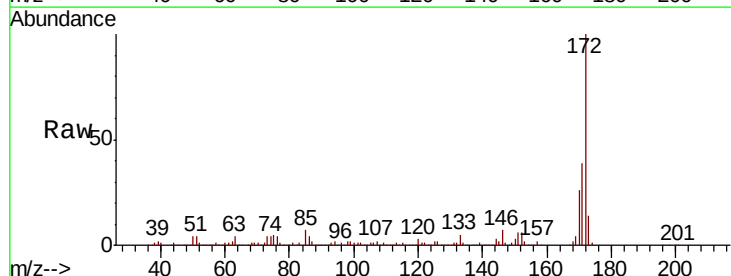
Instrument :
 BNA_G
 ClientSampled :
 PB113413BS

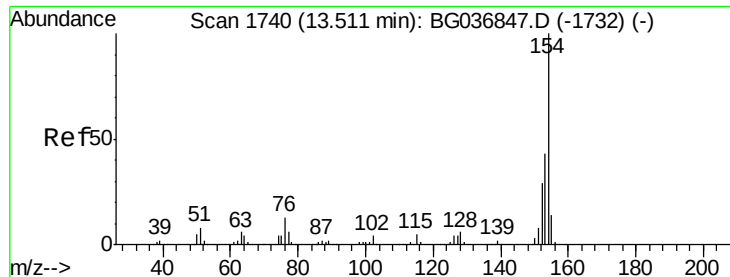
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.8	75.6	113.4
97	45.7	37.2	55.8
132	26.6	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 67.738 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	26.1	21.0	31.6

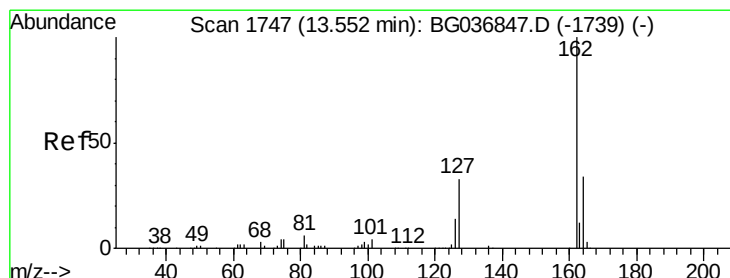
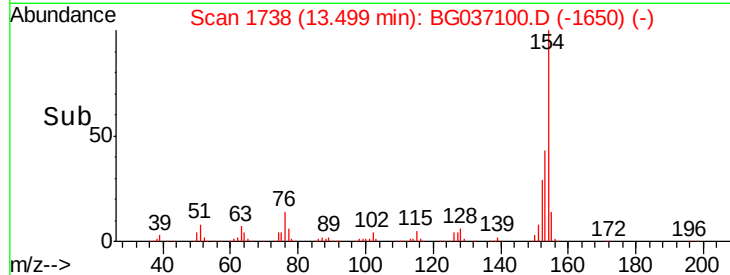
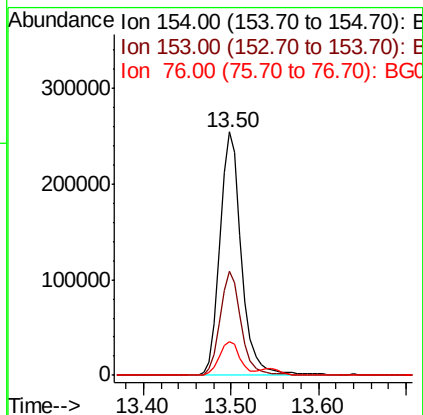
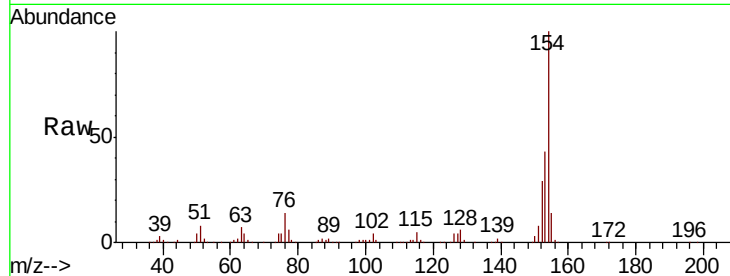




#45
 1,1'-Biphenyl
 Concen: 39.678 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

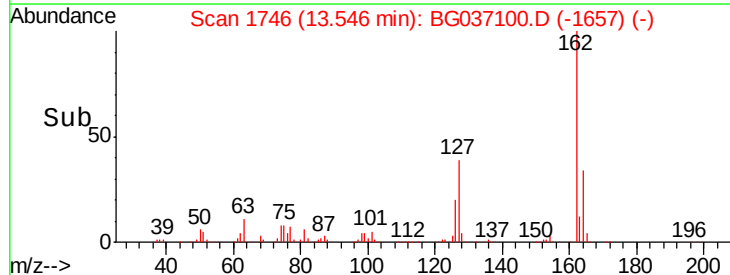
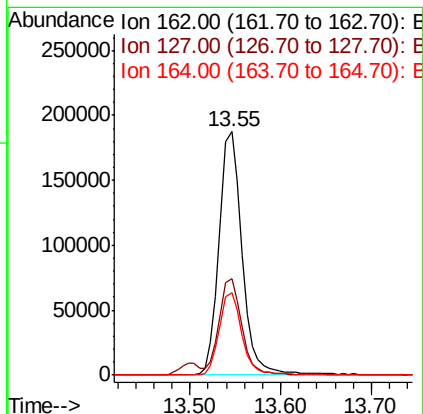
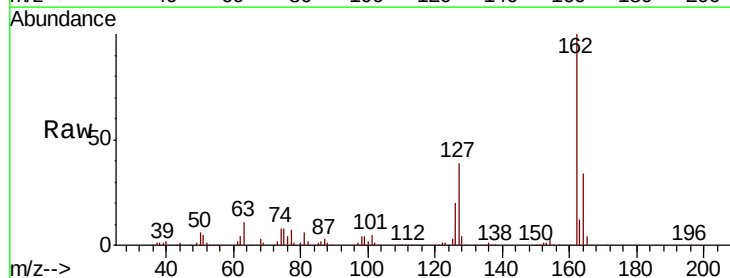
Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

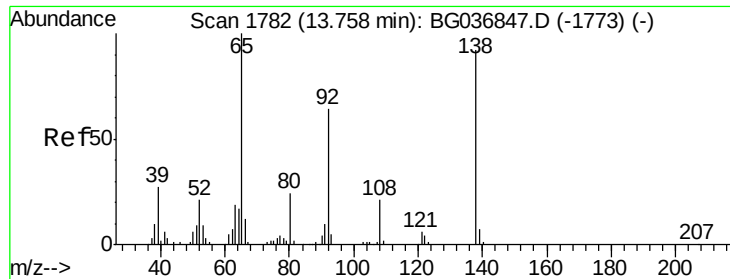
Tot Ion:154 Resp: 434711
 Ion Ratio Lower Upper
 154 100
 153 42.8 24.0 64.0
 76 13.8 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 38.450 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:162 Resp: 331277
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.7 46.1
 164 33.7 26.7 40.1

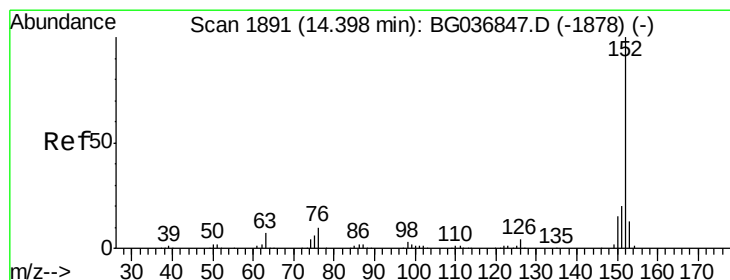
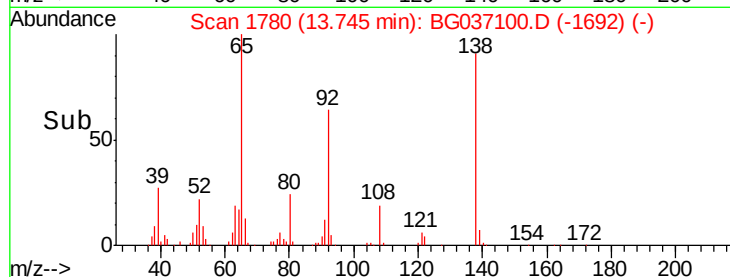
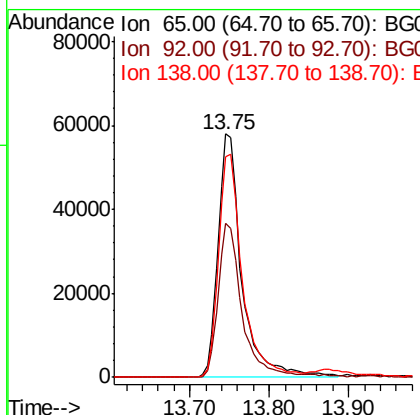
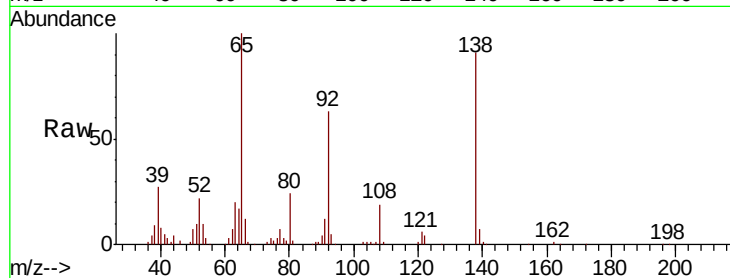




#47
2-Nitroaniline
Concen: 40.250 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

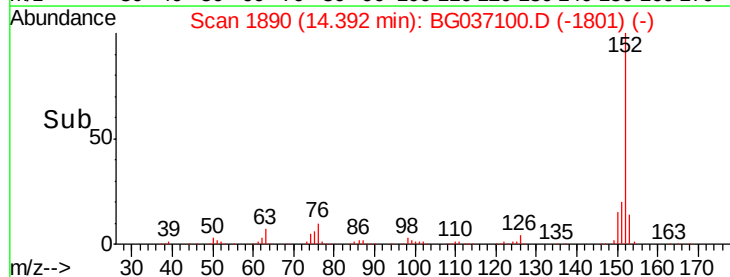
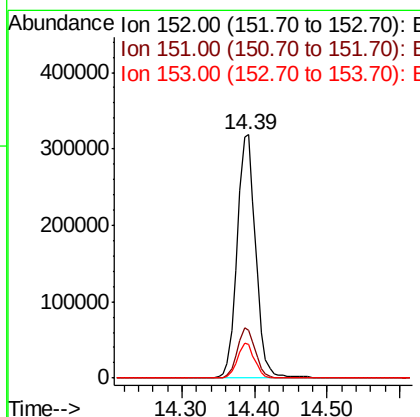
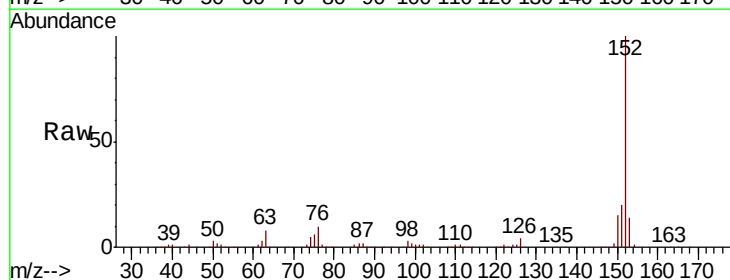
Instrument :
BNA_G
ClientSampleId :
PB113413BS

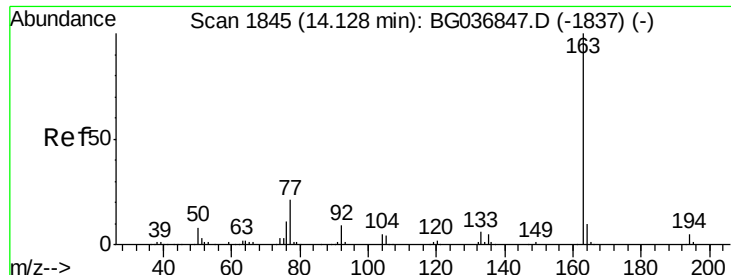
Tot Ion: 65 Resp: 119949
Ion Ratio Lower Upper
65 100
92 63.3 49.9 74.9
138 90.5 76.2 114.4



#48
Acenaphthylene
Concen: 41.958 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion: 152 Resp: 566486
Ion Ratio Lower Upper
152 100
151 19.6 16.9 25.3
153 13.7 11.2 16.8





#49

Dimethylphthalate

Concen: 38.290 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

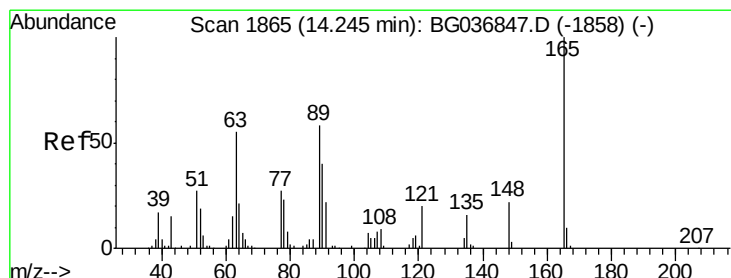
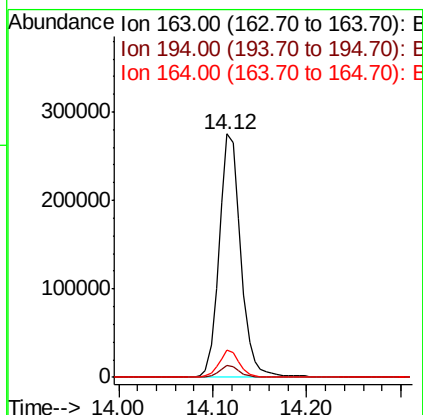
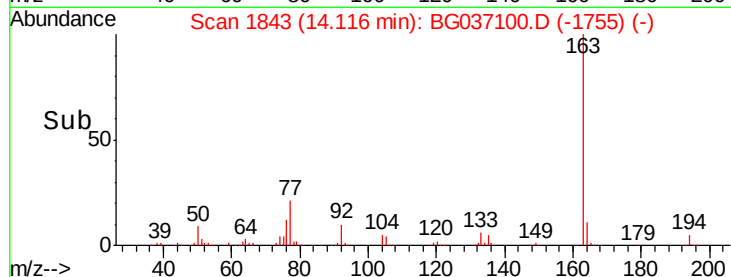
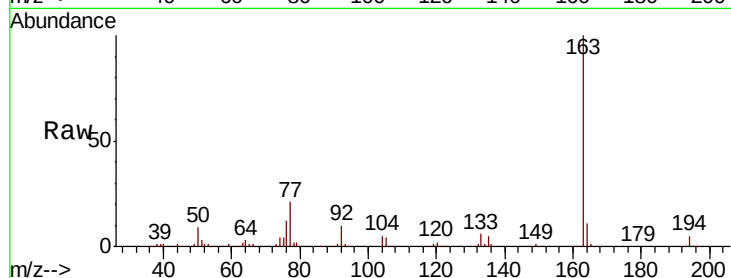
Tot Ion:163 Resp: 440906

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

164 11.0 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 39.760 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

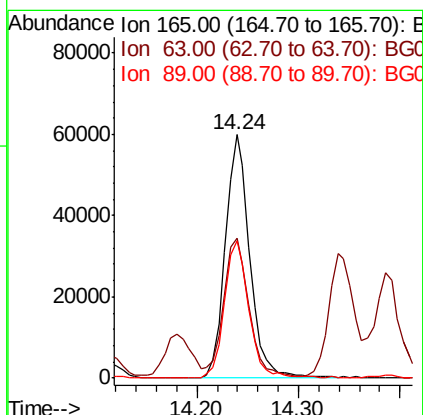
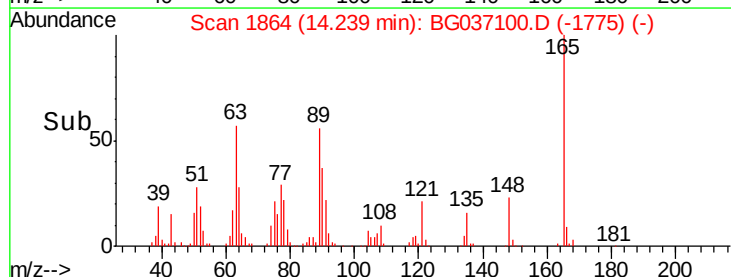
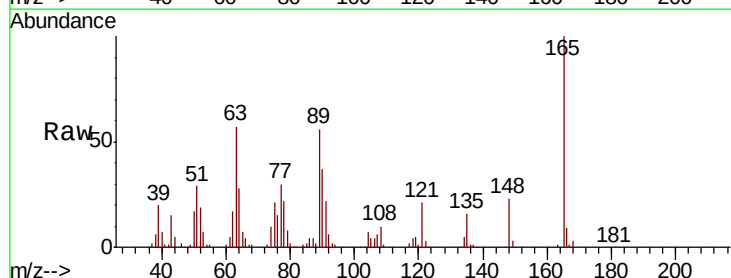
Tgt Ion:165 Resp: 99889

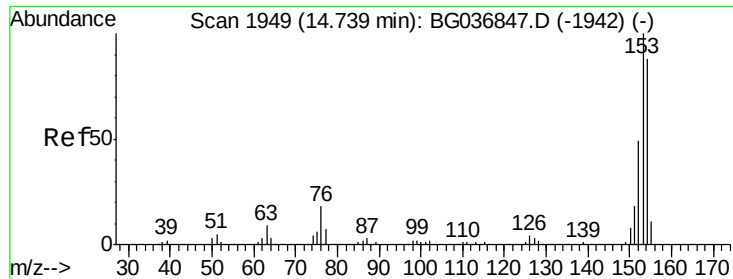
Ion Ratio Lower Upper

165 100

63 57.5 50.1 75.1

89 56.4 47.8 71.6





#51

Acenaphthene

Concen: 39.461 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

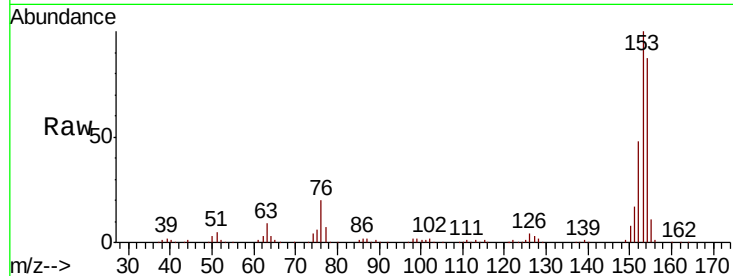
Tot Ion:154 Resp: 321991

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

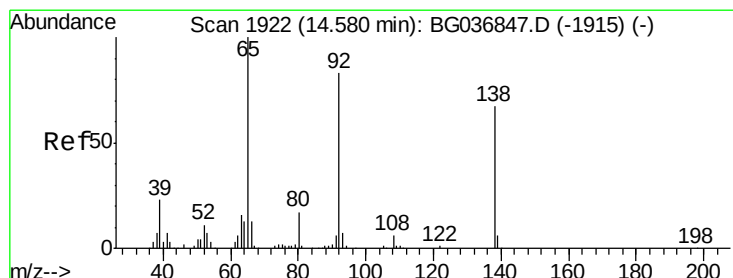
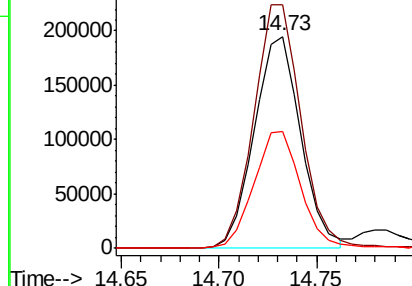
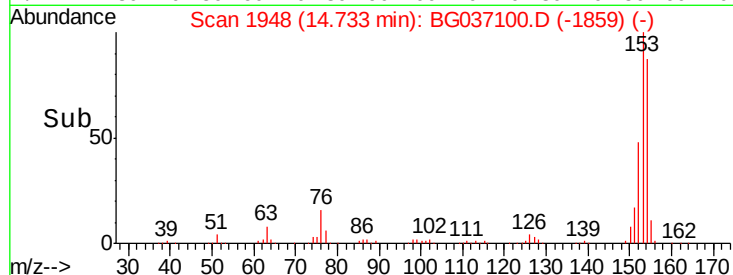
152 55.2 43.5 65.3



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: 31.065 ng

RT: 14.57 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

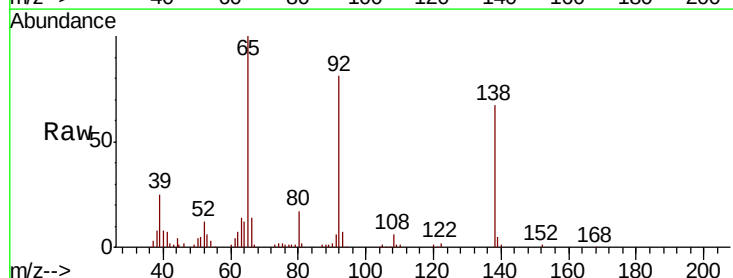
Tgt Ion:138 Resp: 82240

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.2#

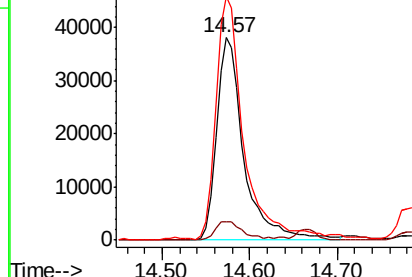
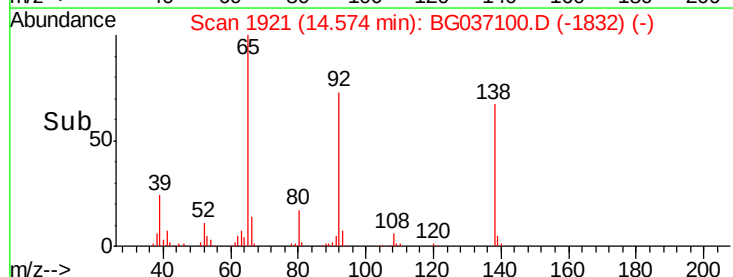
92 120.2 96.8 145.2

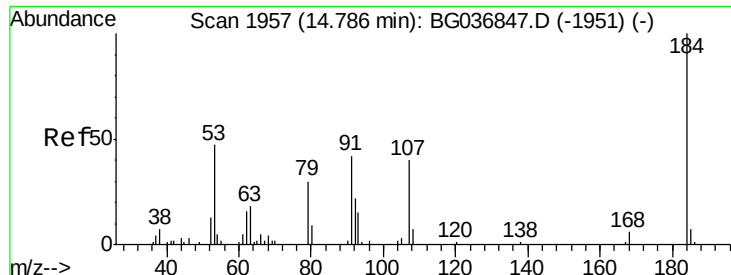


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 48.778 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

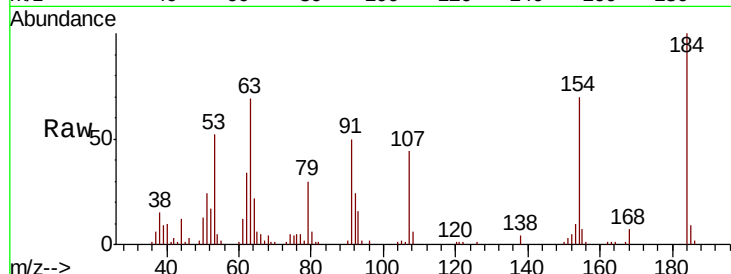
Tot Ion:184 Resp: 53545

Ion Ratio Lower Upper

184 100

63 69.4 47.3 70.9

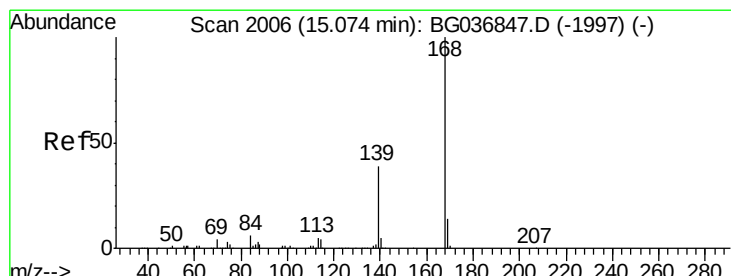
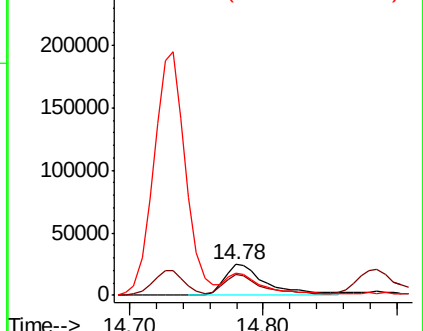
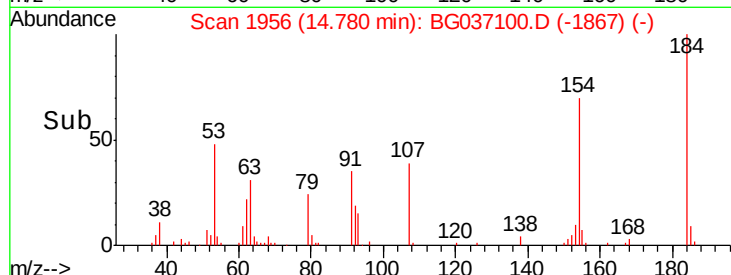
154 70.3 51.1 76.7



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: 39.491 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

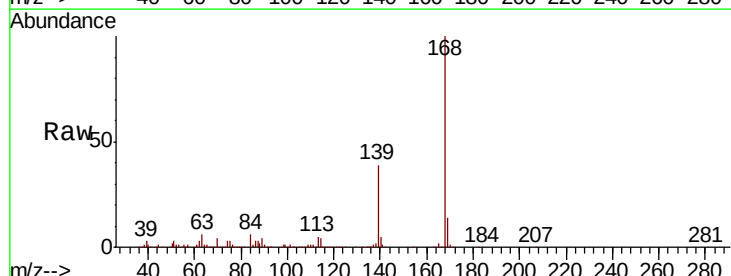
Tgt Ion:168 Resp: 545053

Ion Ratio Lower Upper

168 100

139 38.9 31.0 46.6

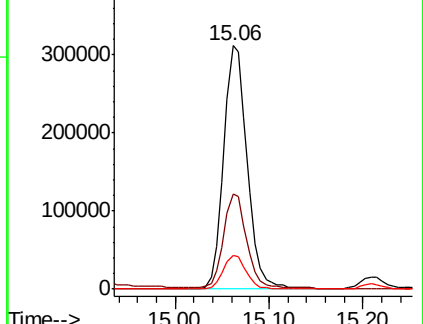
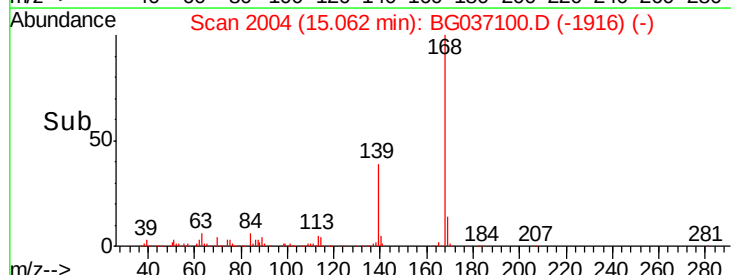
169 14.0 11.1 16.7

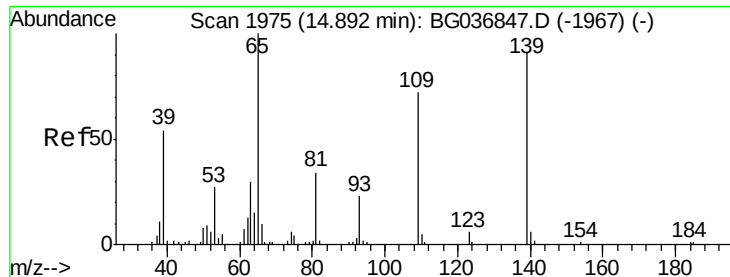


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

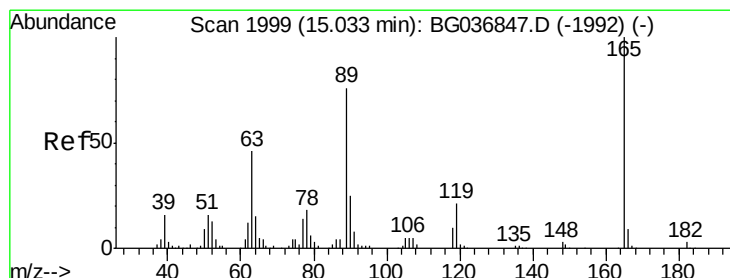
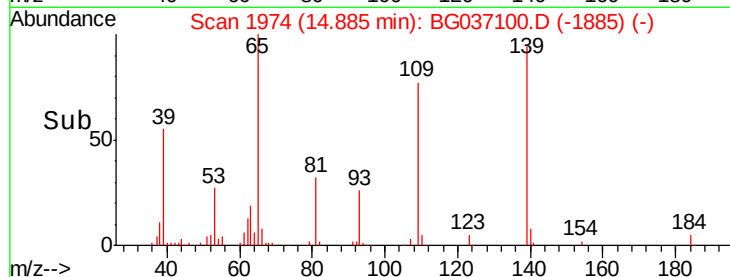
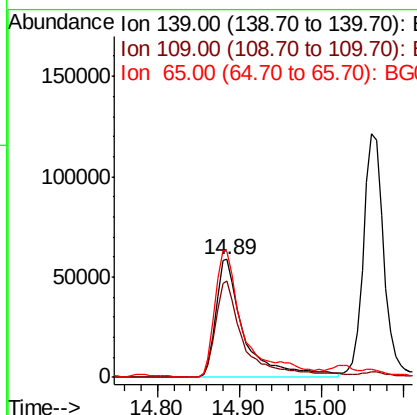
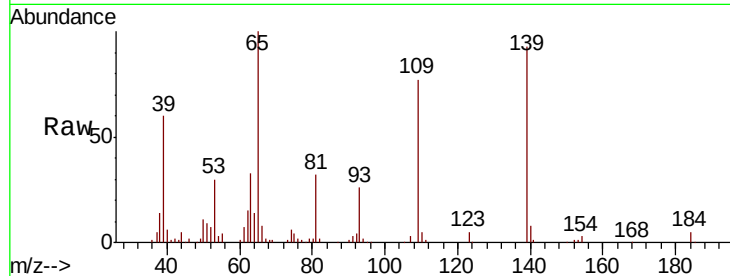




#55
4-Nitrophenol
Concen: 83.887 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

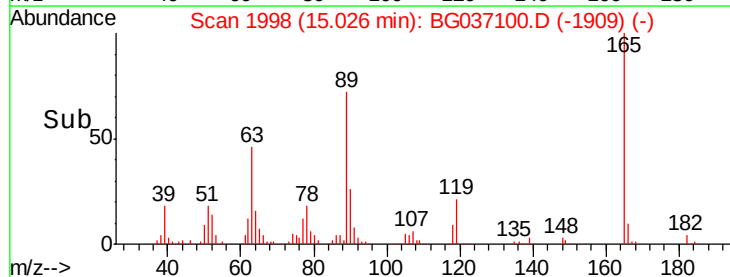
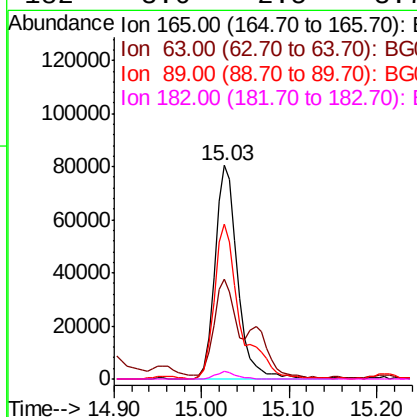
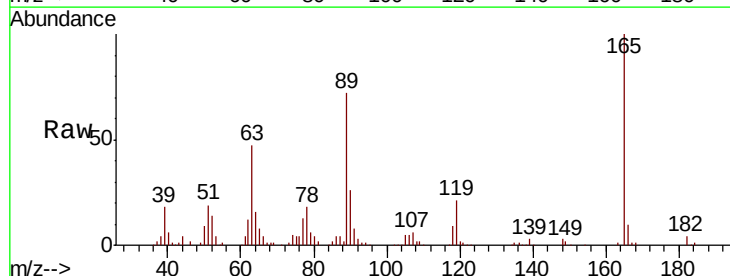
Instrument :
BNA_G
ClientSampleId :
PB113413BS

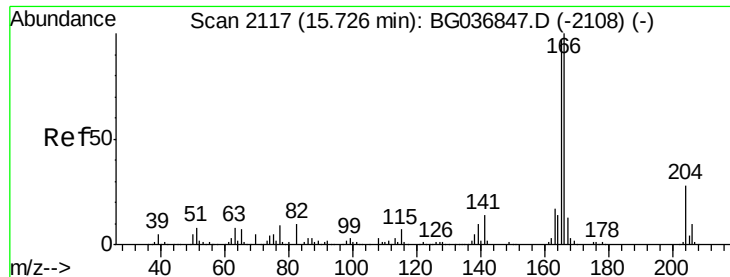
Tot Ion:139 Resp: 141874
Ion Ratio Lower Upper
139 100
109 82.1 63.9 103.9
65 107.1 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 41.015 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:165 Resp: 143784
Ion Ratio Lower Upper
165 100
63 46.9 40.1 60.1
89 72.4 63.7 95.5
182 3.6 2.5 3.7





#57

Fluorene

Concen: 41.869 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

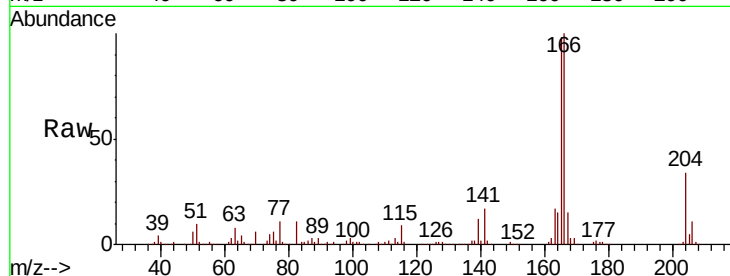
Tot Ion:166 Resp: 431917

Ion Ratio Lower Upper

166 100

165 98.3 77.0 115.4

167 14.7 10.6 16.0

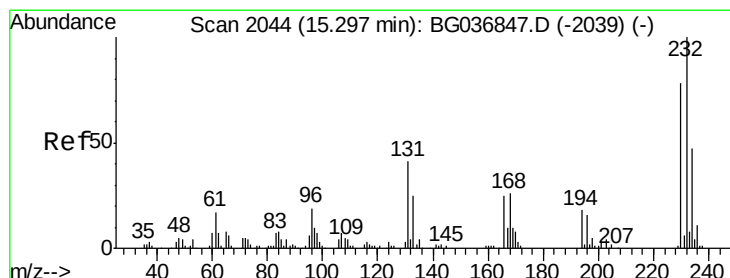
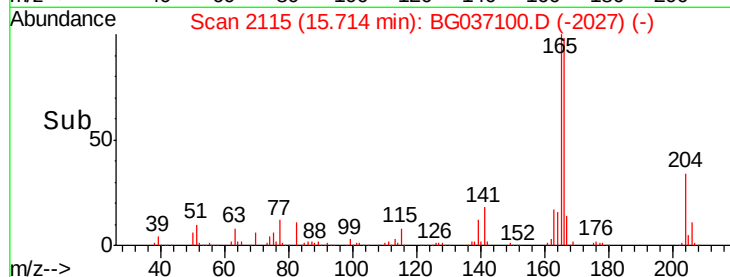
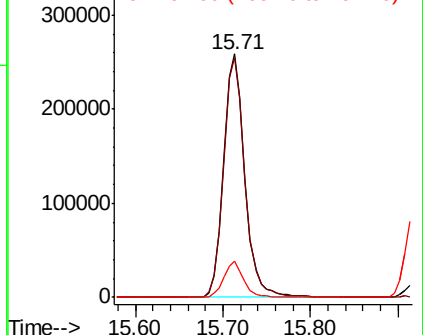


Abundance

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: 42.310 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:232 Resp: 126804

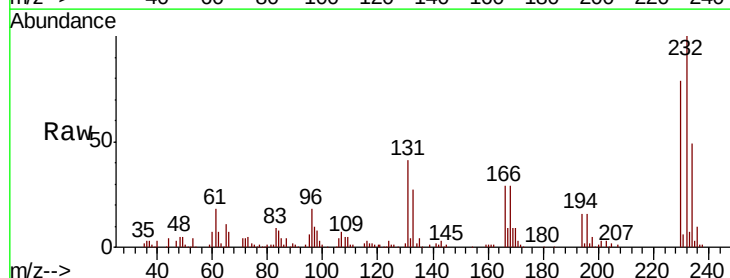
Ion Ratio Lower Upper

232 100

131 40.8 33.8 50.8

130 2.5 2.1 3.1

166 29.6 22.3 33.5



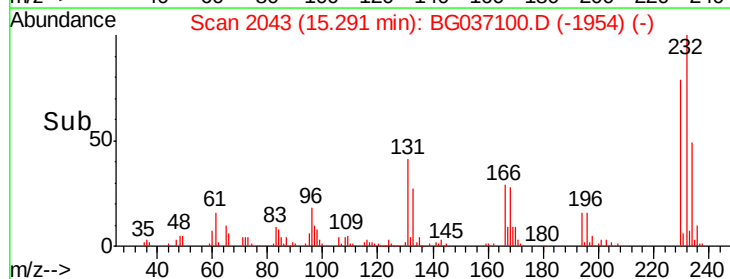
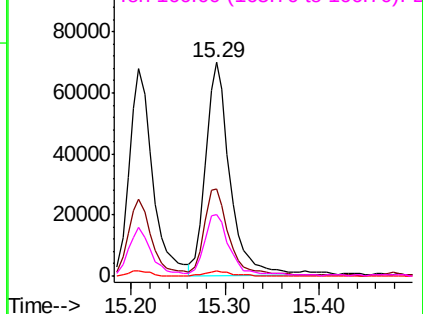
Abundance

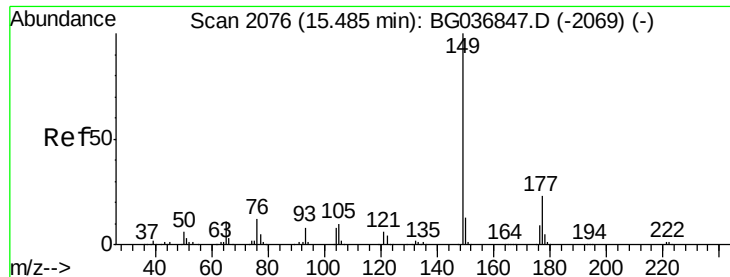
Ion 232.00 (231.70 to 232.70): E

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

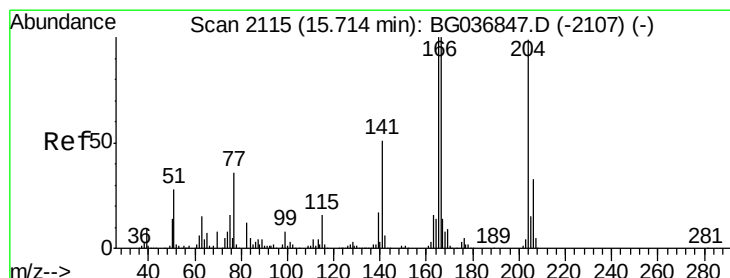
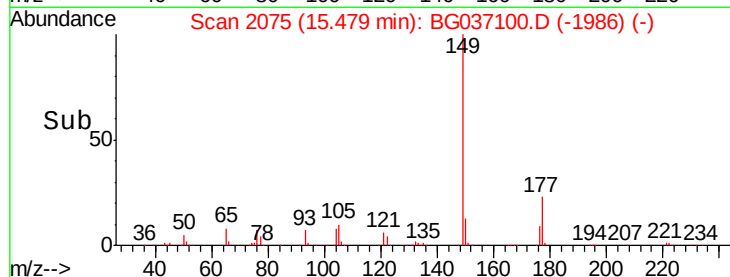
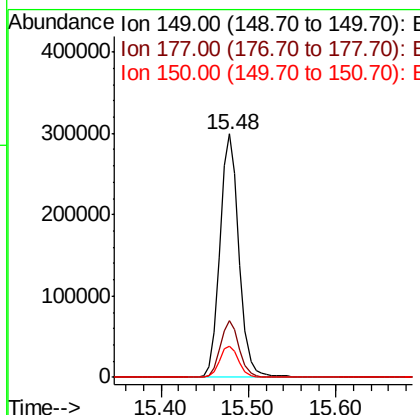
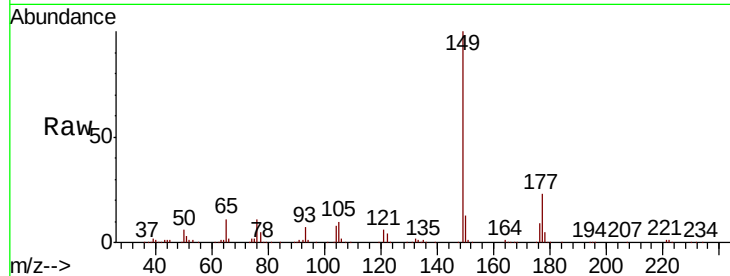




#59
Diethylphthalate
Concen: 38.641 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

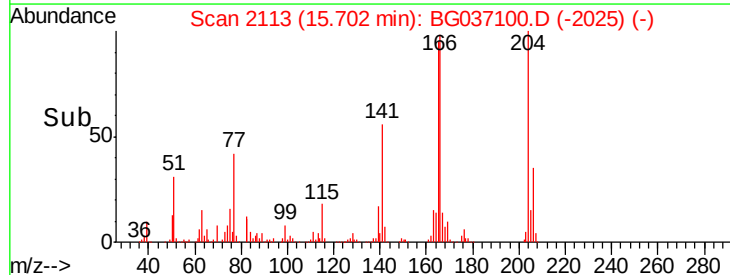
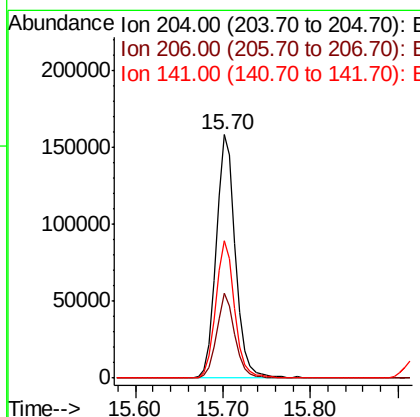
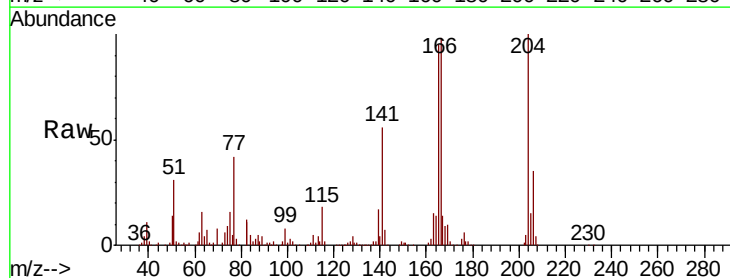
Instrument :
BNA_G
ClientSampleId :
PB113413BS

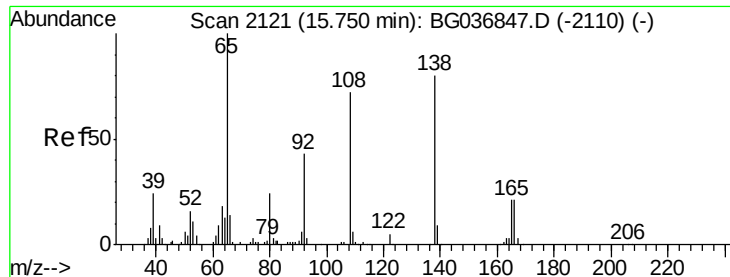
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.1	28.7
150	12.8	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 36.956 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.0	40.4
141	56.3	43.8	65.6

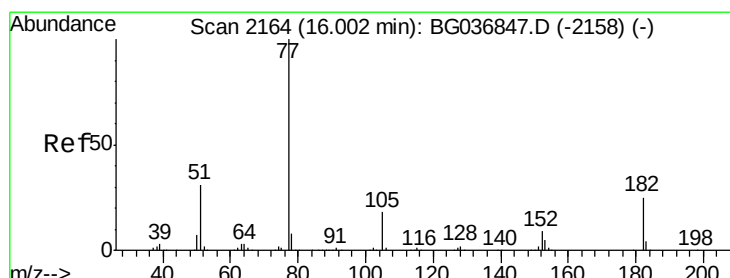
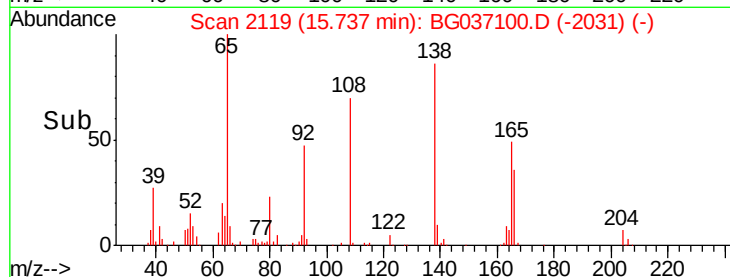
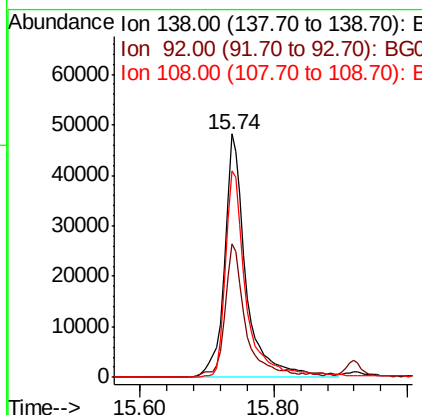
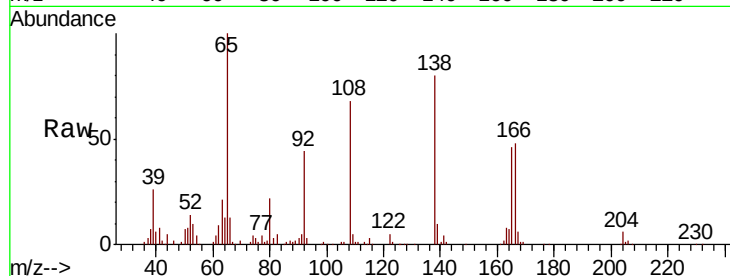




#61
4-Nitroaniline
Concen: 39.264 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

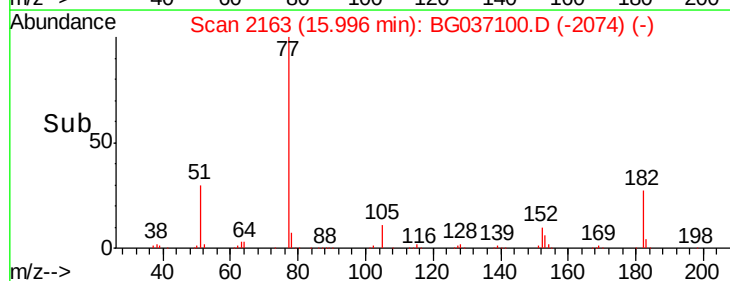
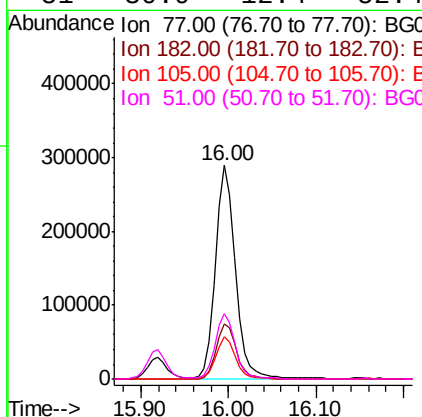
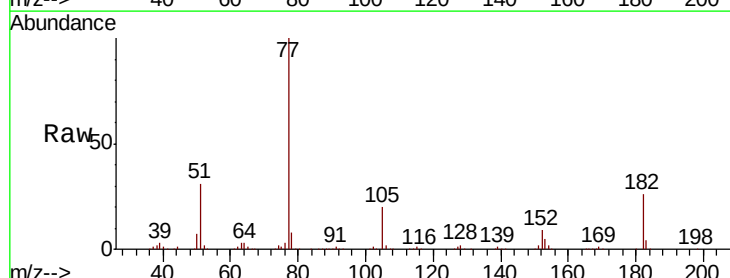
Instrument :
BNA_G
ClientSampleId :
PB113413BS

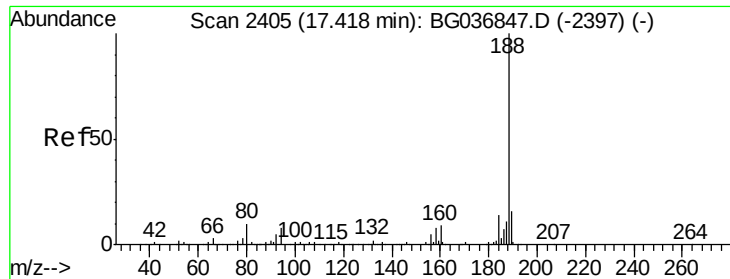
Tot Ion:138 Resp: 109338
Ion Ratio Lower Upper
138 100
92 55.1 38.5 78.5
108 85.0 70.3 110.3



#62
Azobenzene
Concen: 40.923 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion: 77 Resp: 456672
Ion Ratio Lower Upper
77 100
182 26.1 6.7 46.7
105 19.9 0.0 39.8
51 30.9 12.4 52.4

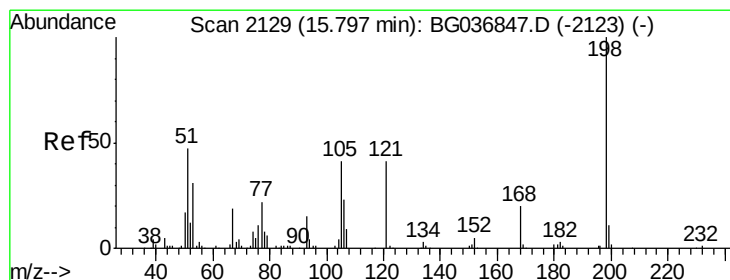
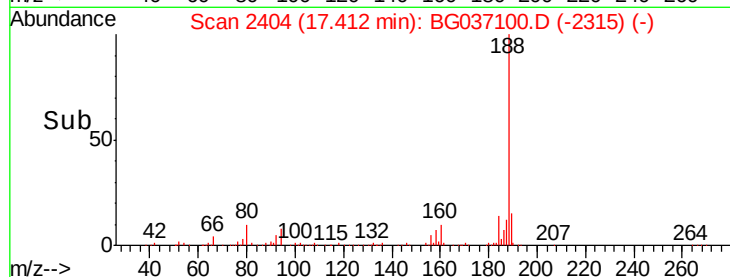
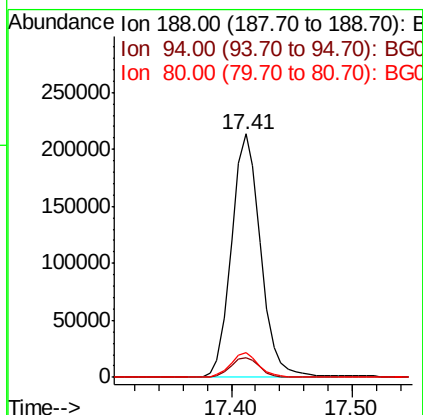
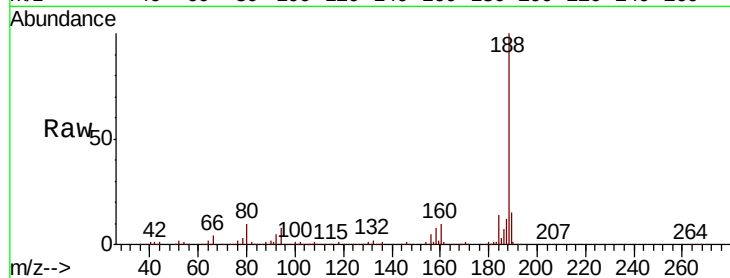




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

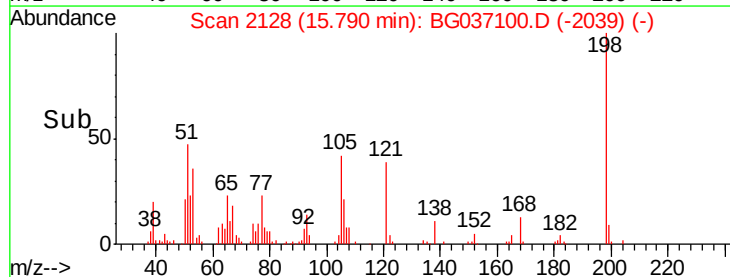
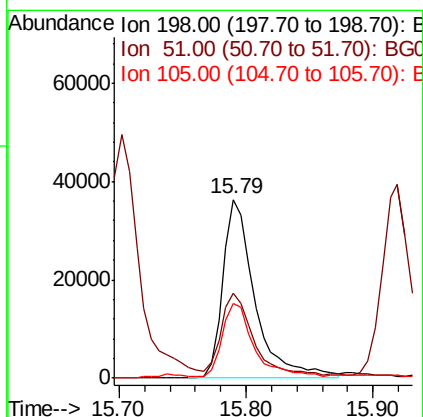
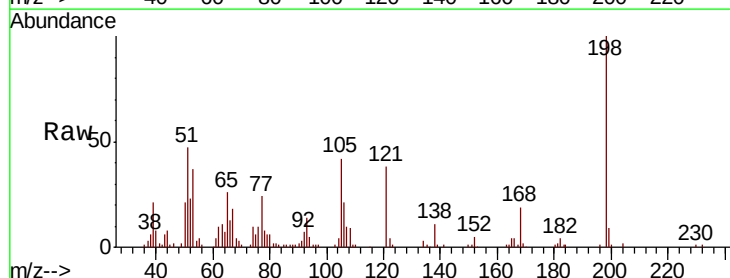
Instrument :
BNA_G
ClientSampleId :
PB113413BS

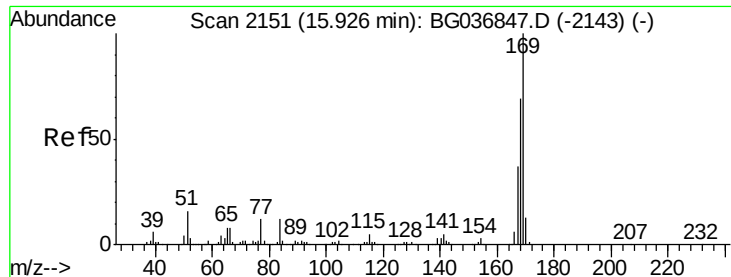
Tot Ion:188 Resp: 359063
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 10.0 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 33.980 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion:198 Resp: 63788
Ion Ratio Lower Upper
198 100
51 47.3 26.5 66.5
105 41.9 20.2 60.2

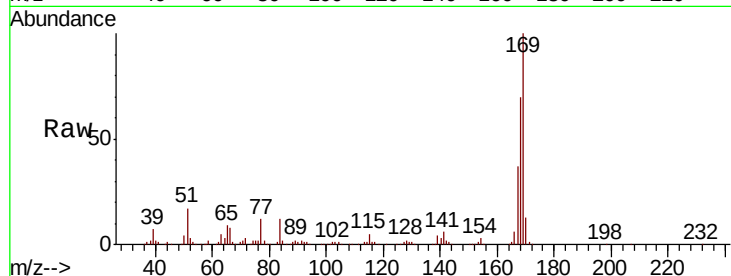




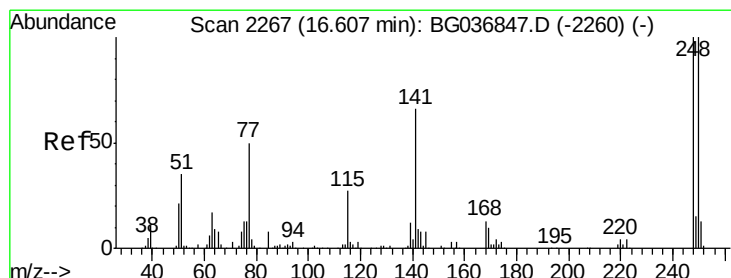
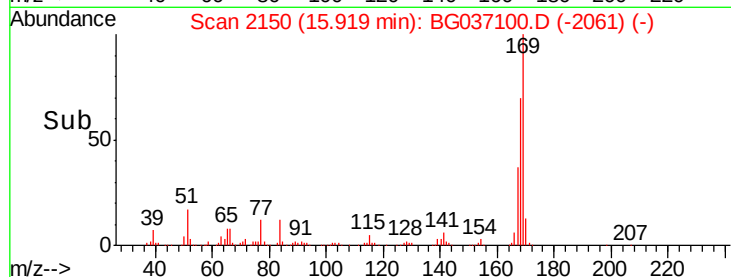
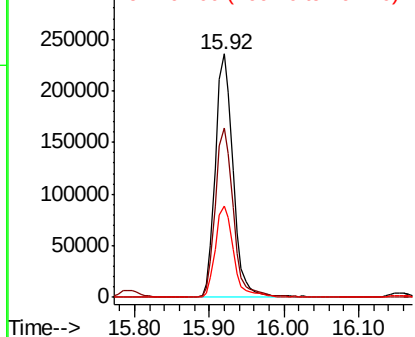
#65
 n-Nitrosodiphenylamine
 Concen: 39.162 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion:169 Resp: 388204
 Ion Ratio Lower Upper
 169 100
 168 69.8 57.6 86.4
 167 37.5 31.0 46.4

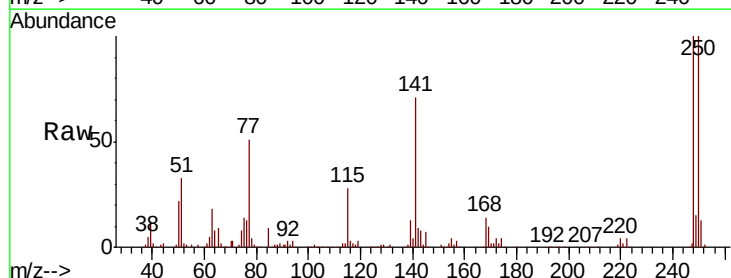


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

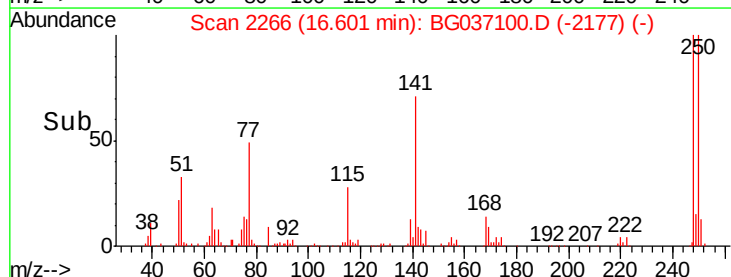
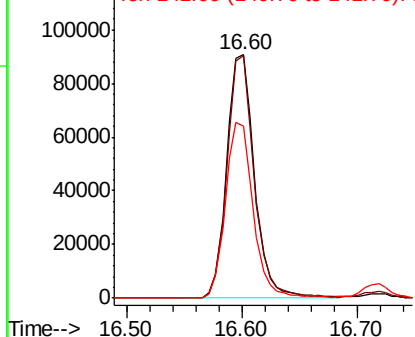


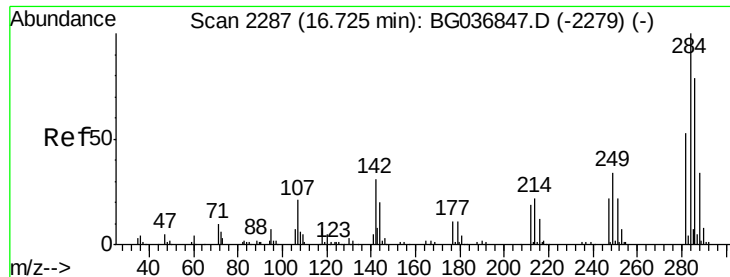
#66
 4-Bromophenyl-phenylether
 Concen: 37.147 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:248 Resp: 151713
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.1 117.1
 141 70.8 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: 37.703 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

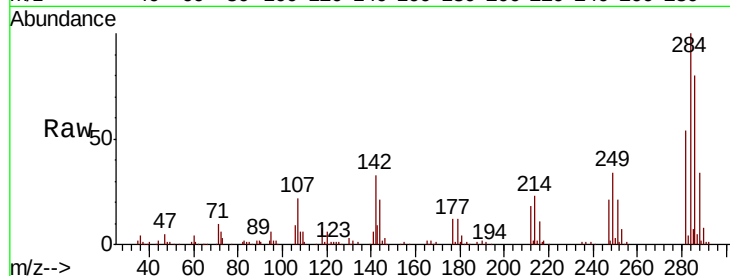
Tot Ion:284 Resp: 158592

Ion Ratio Lower Upper

284 100

142 33.5 27.8 41.6

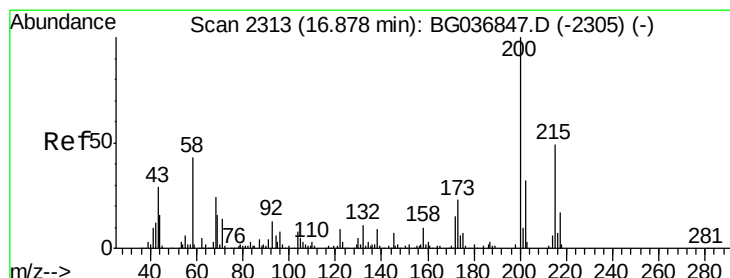
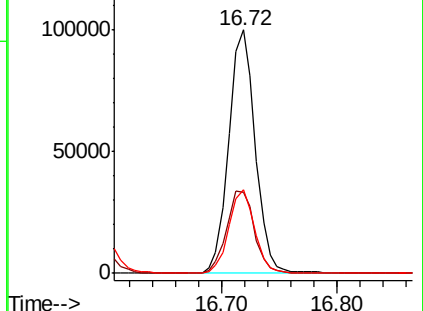
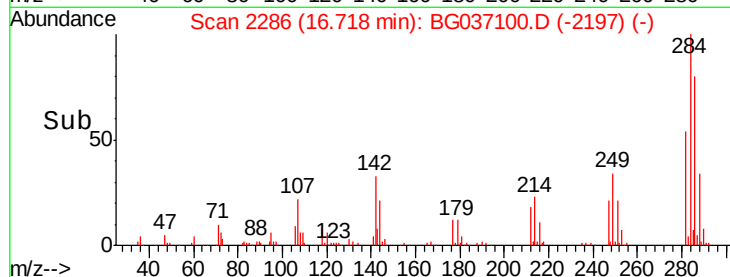
249 34.4 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.519 ng

RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

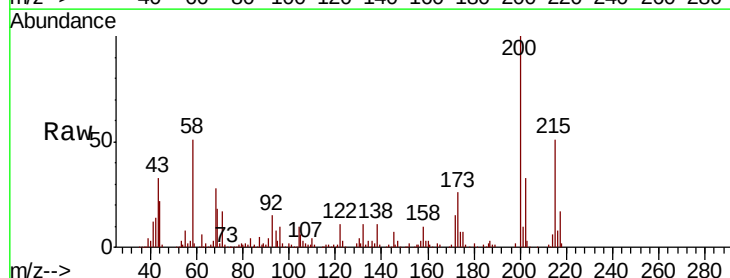
Tgt Ion:200 Resp: 154606

Ion Ratio Lower Upper

200 100

173 25.8 3.9 43.9

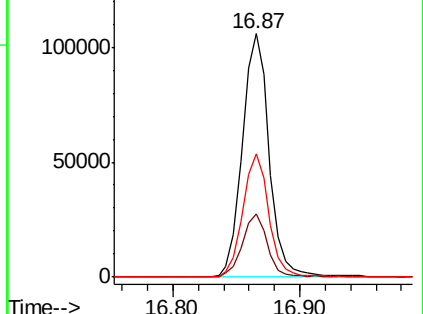
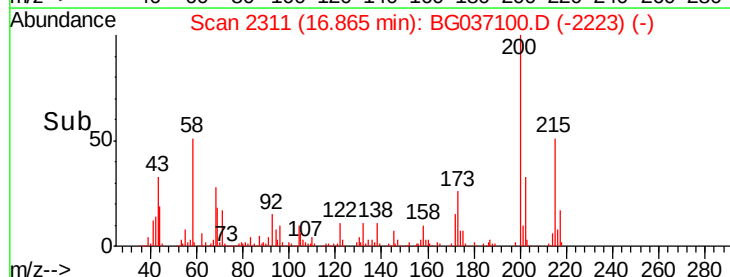
215 50.7 30.4 70.4

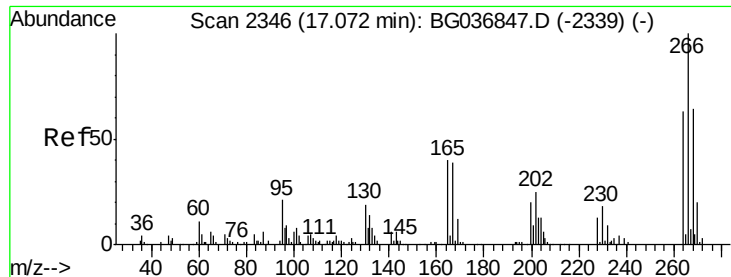


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

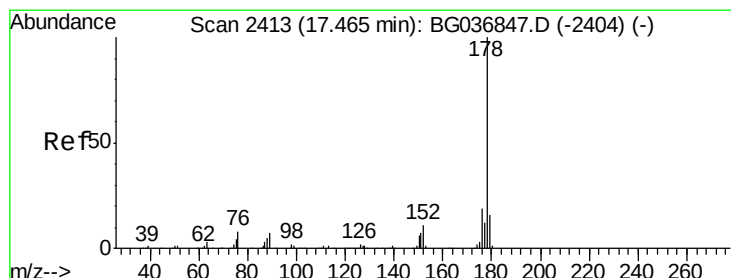
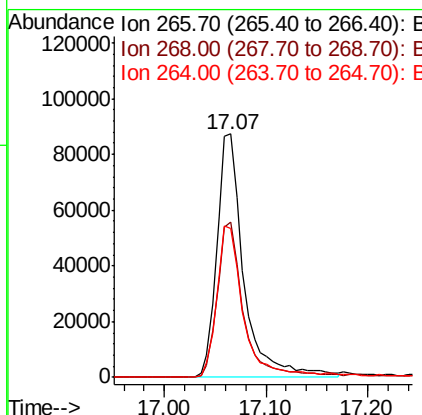
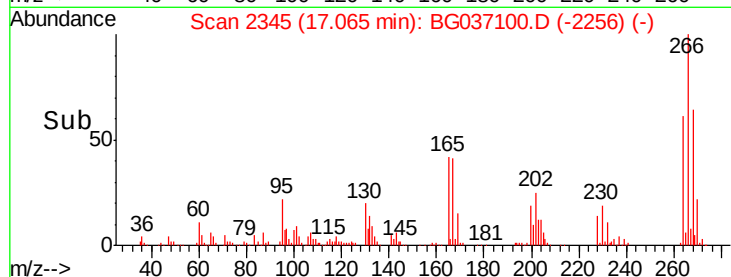
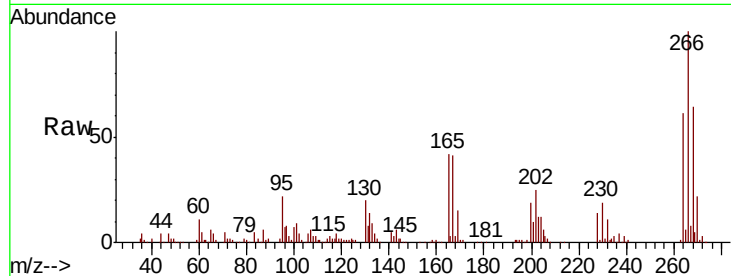




#69
 Pentachlorophenol
 Concen: 60.809 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

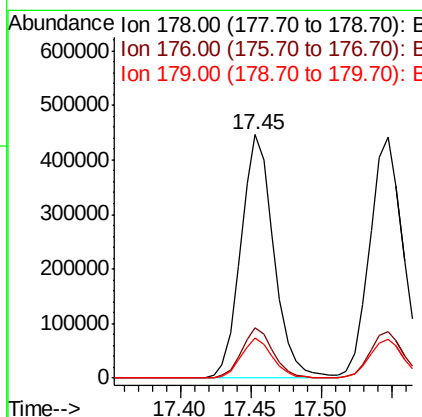
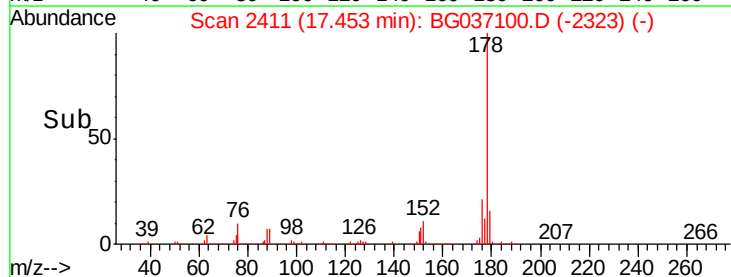
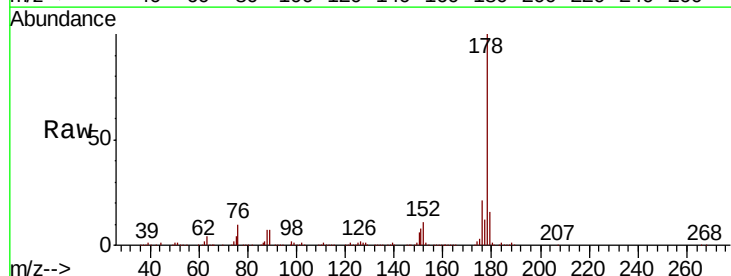
Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

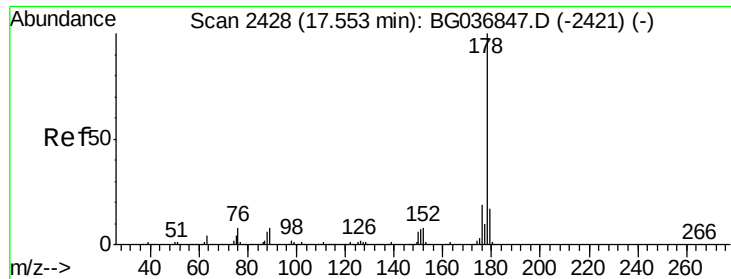
Tot Ion:266 Resp: 161044
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.4 77.2
 264 61.0 48.9 73.3



#70
 Phenanthrene
 Concen: 42.316 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:178 Resp: 732193
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.4 23.2
 179 16.4 13.4 20.2

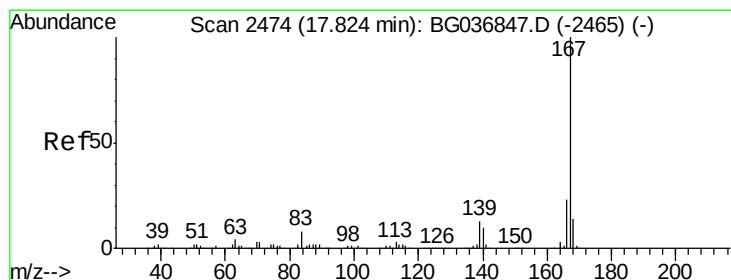
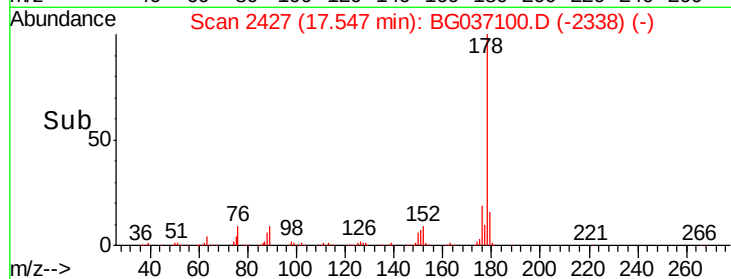
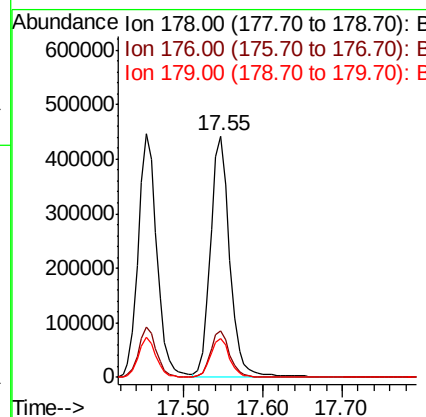
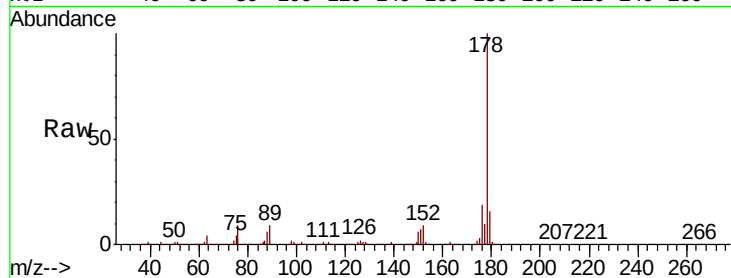




#71
 Anthracene
 Concen: 43.694 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

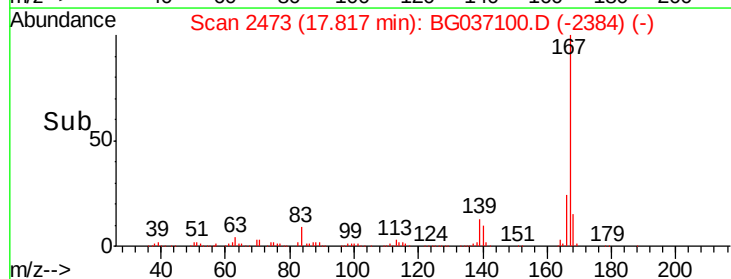
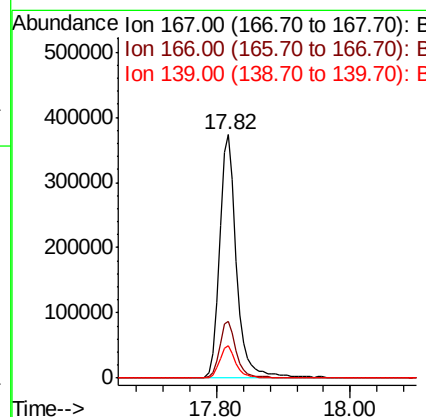
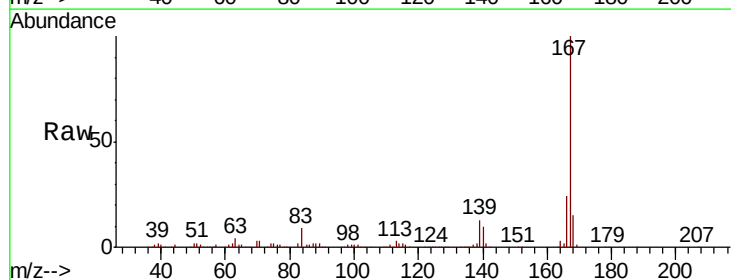
Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

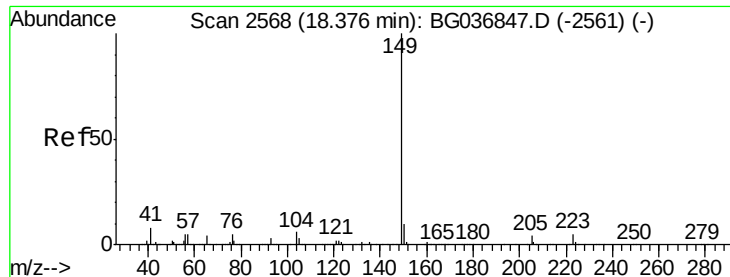
Tot Ion:178 Resp: 747589
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 40.126 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion:167 Resp: 669367
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.5 29.3
 139 13.3 10.7 16.1

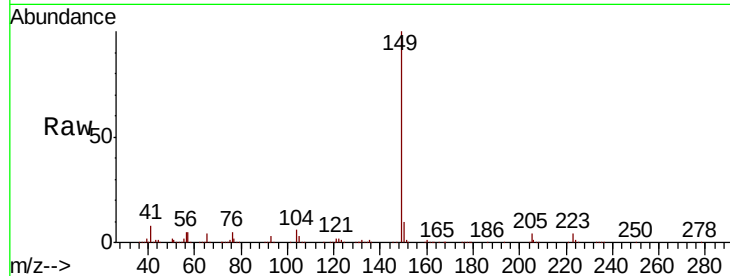




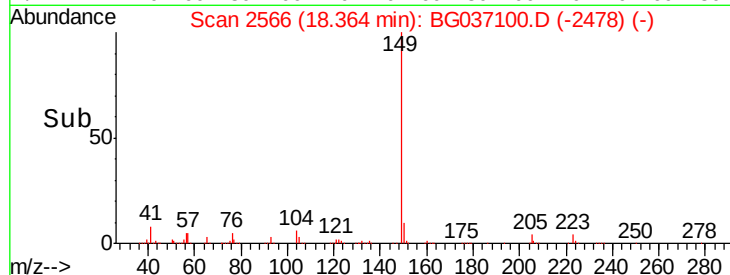
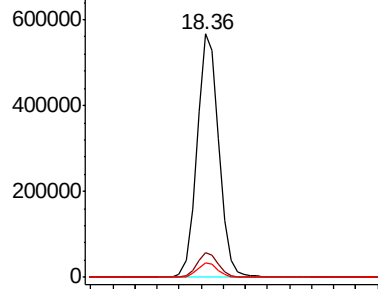
#73
Di-n-butylphthalate
Concen: 42.301 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Instrument :
BNA_G
ClientSampleId :
PB113413BS

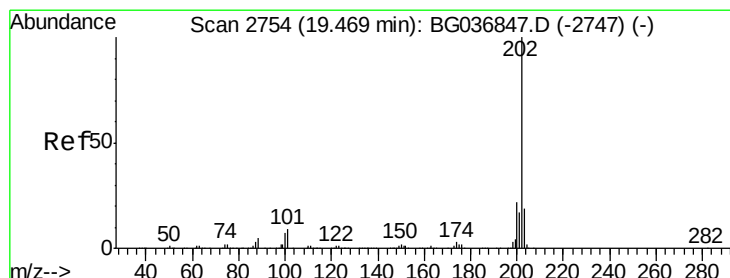
Tot Ion:149 Resp: 783649
Ion Ratio Lower Upper
149 100
150 10.2 8.1 12.1
104 5.8 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

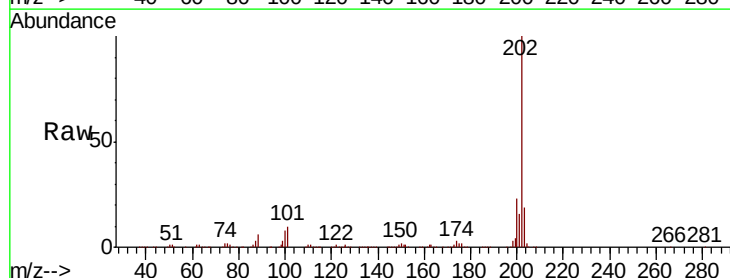


Time-->

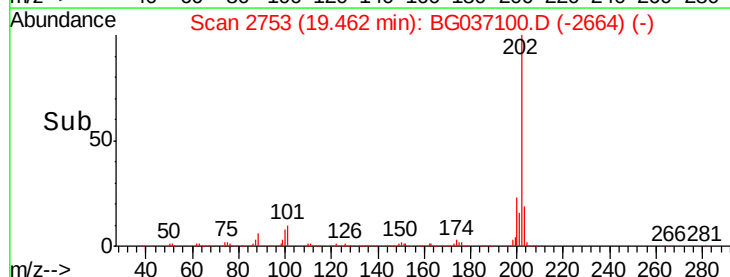
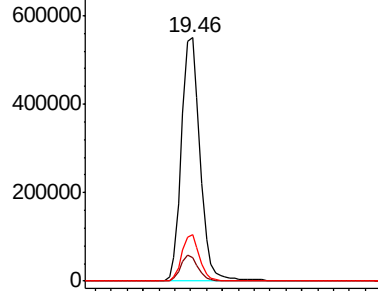


#74
Fluoranthene
Concen: 43.221 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

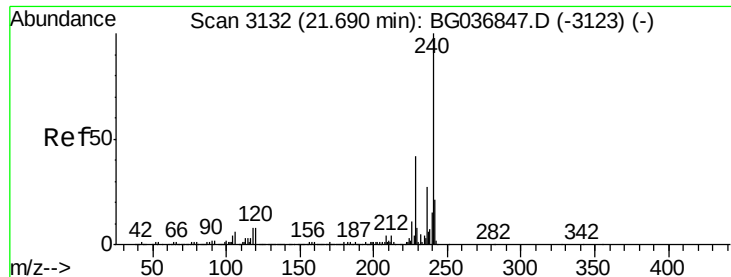
Tgt Ion:202 Resp: 900218
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 19.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

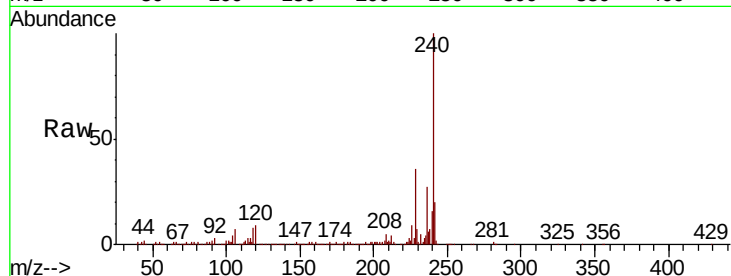
Tot Ion:240 Resp: 370744

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

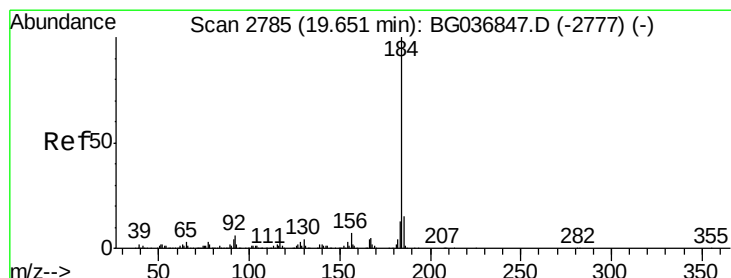
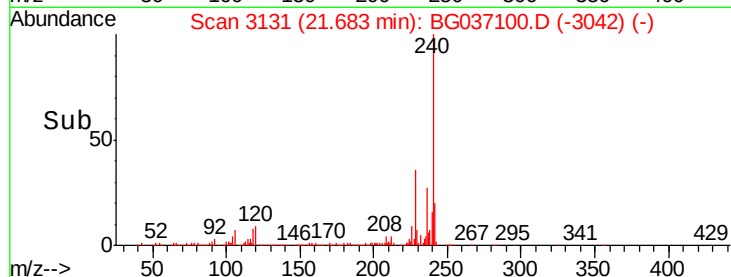
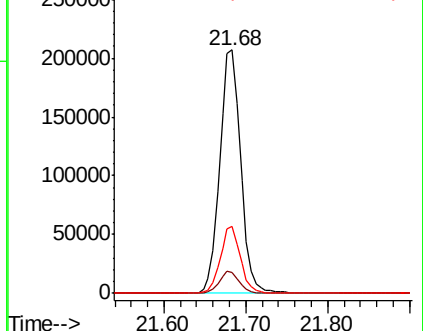
236 27.3 21.2 31.8



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: 27.693 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

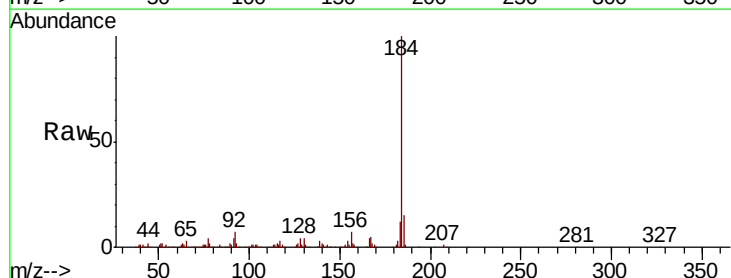
Tgt Ion:184 Resp: 310370

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

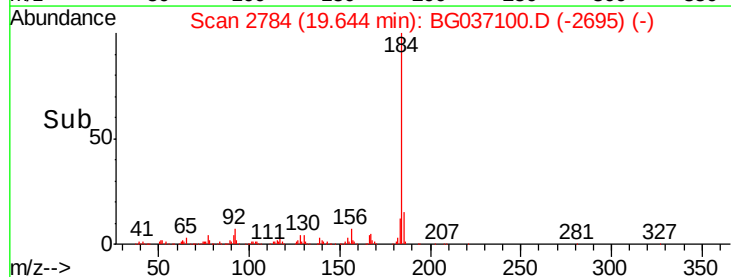
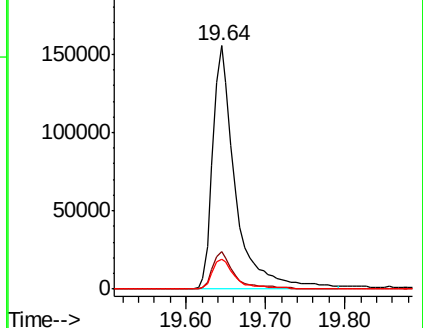
183 12.2 10.9 16.3

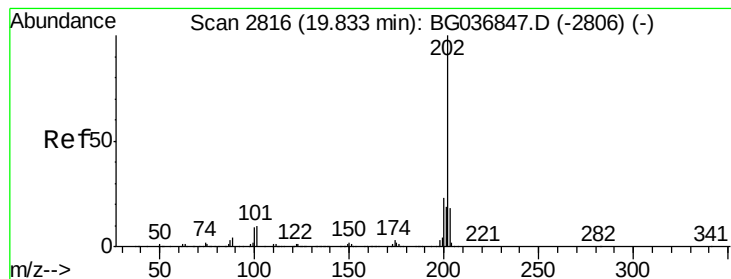


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.725 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

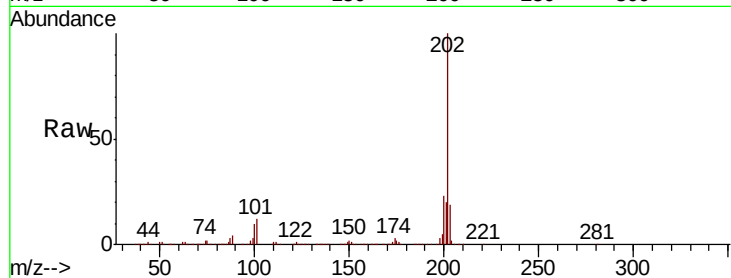
BNA_G

ClientSampleId :

PB113413BS

Tot Ion:202 Resp: 883787

Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.3	27.5
203	19.0	15.1	22.7

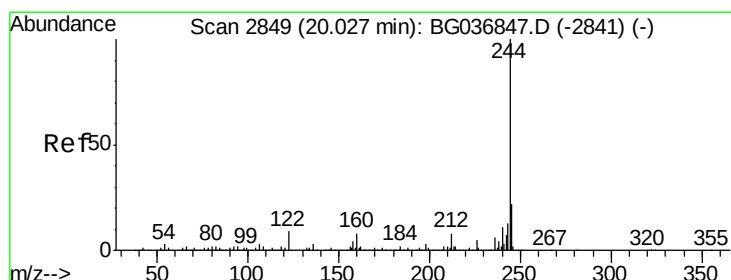
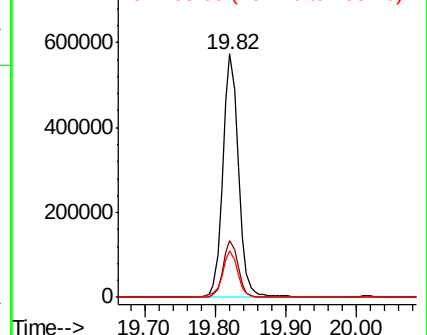
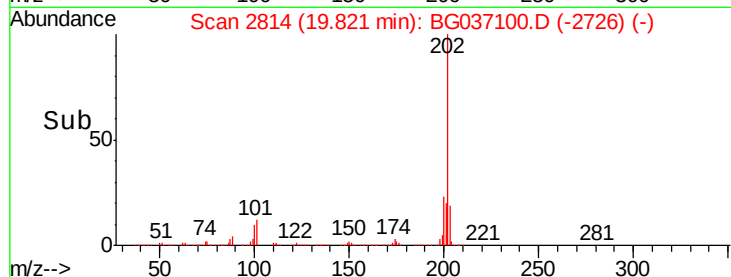


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.430 ng

RT: 20.01 min Scan# 2847

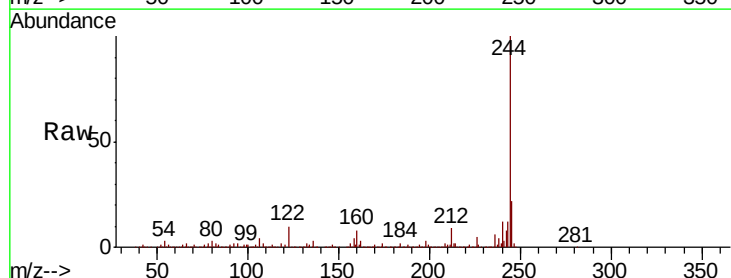
Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Tgt Ion:244 Resp: 1105823

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	10.0	7.1	10.7

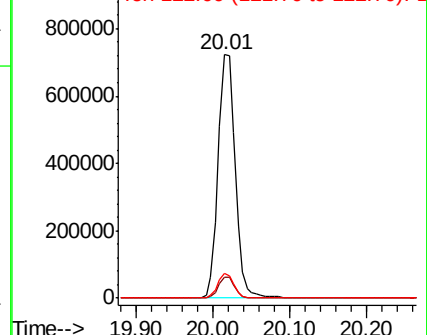
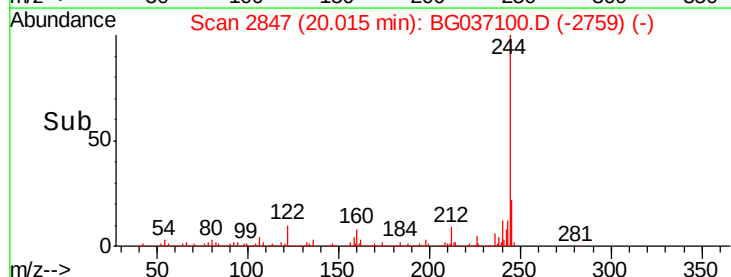


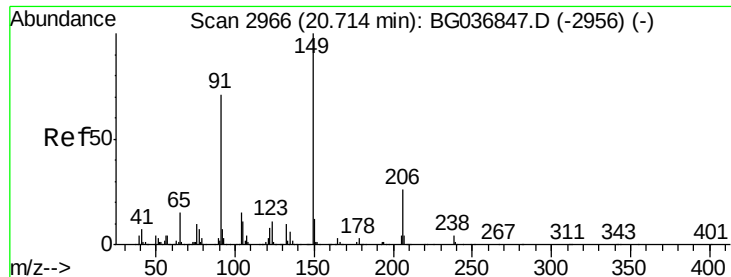
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

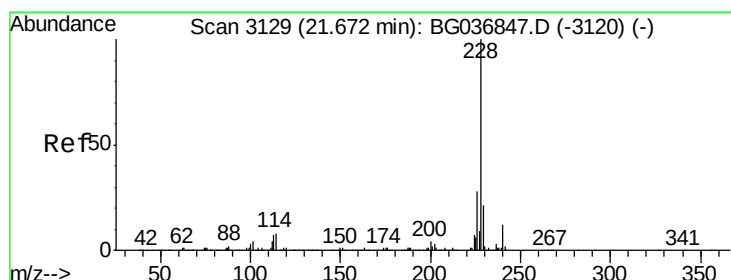
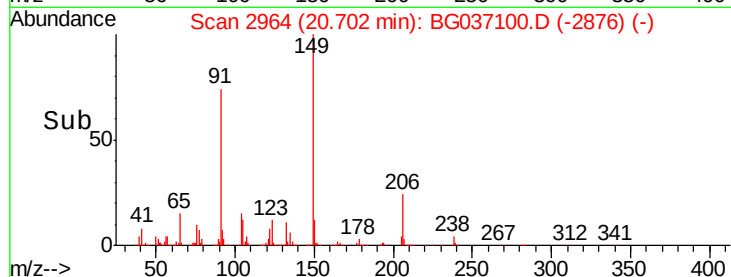
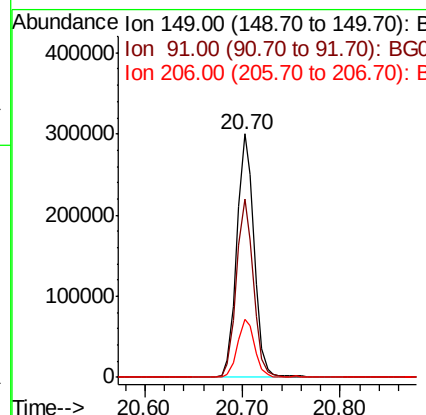
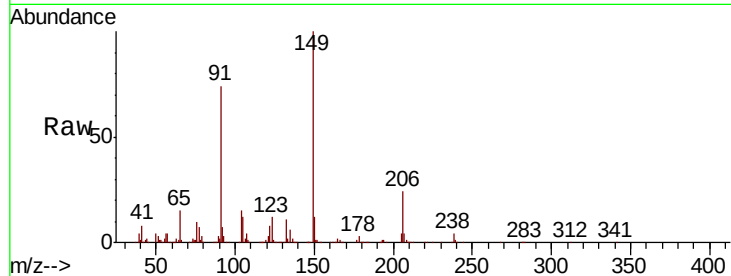




#79
Butylbenzylphthalate
Concen: 41.707 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

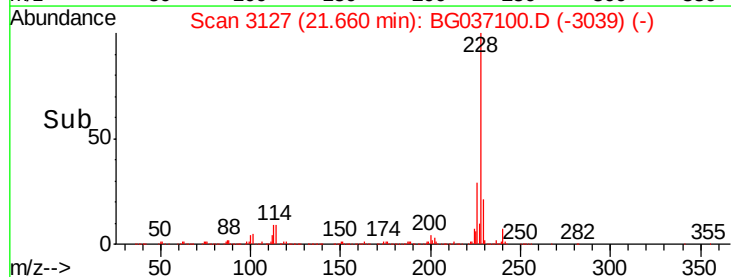
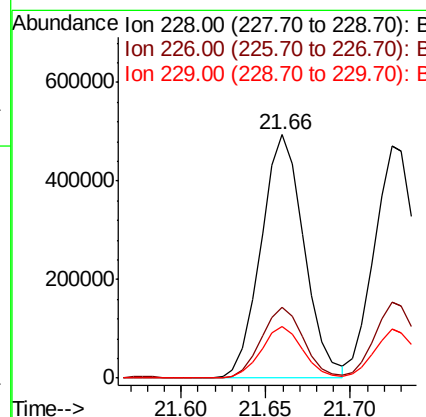
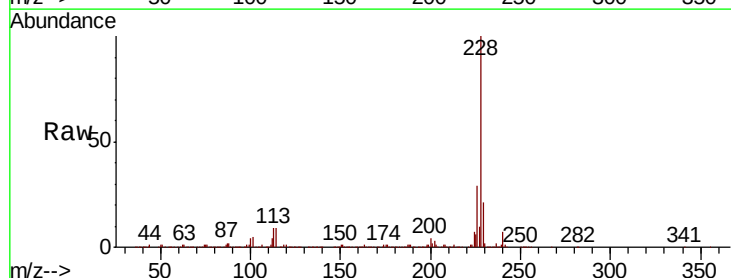
Instrument :
BNA_G
ClientSampleId :
PB113413BS

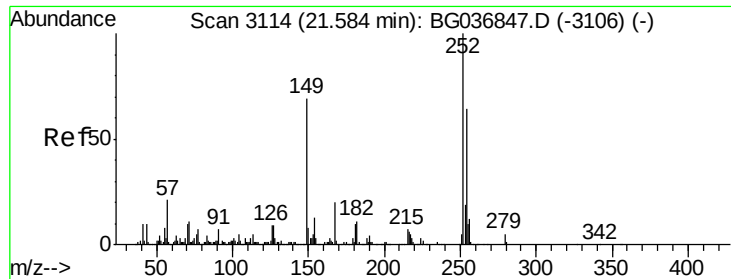
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	62.0	93.0
206	24.0	19.6	29.4



#80
Benzo(a)anthracene
Concen: 40.437 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037100.D
Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.3	17.1	25.7

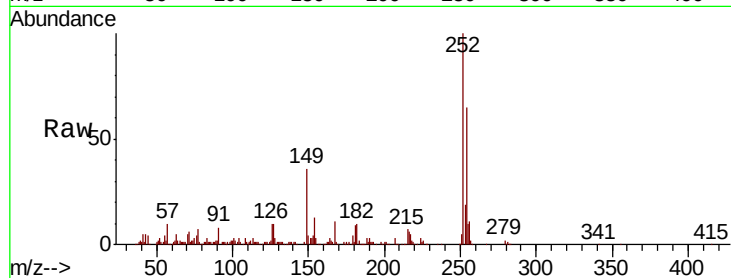




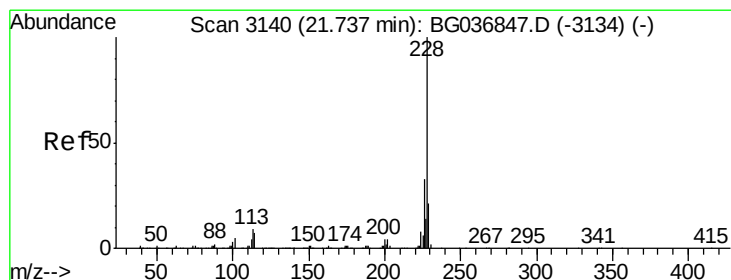
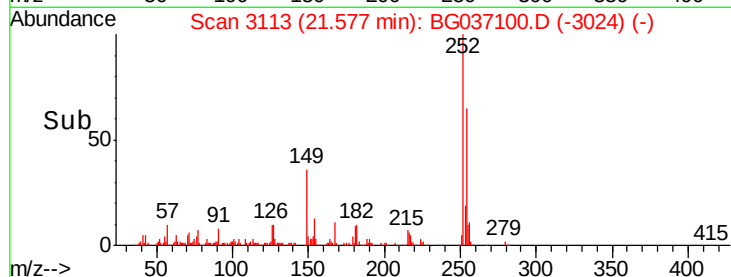
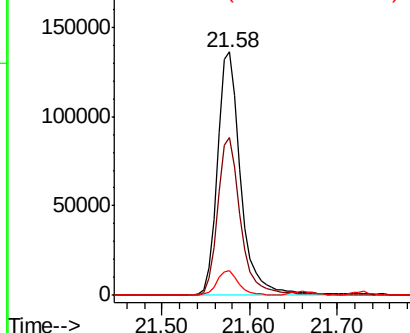
#81
 3,3'-Dichlorobenzidine
 Concen: 30.525 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	10.3	7.4	11.0

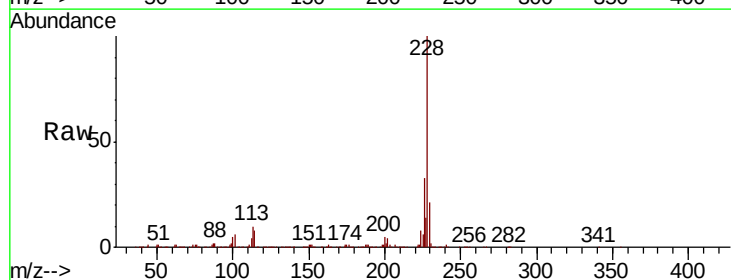


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

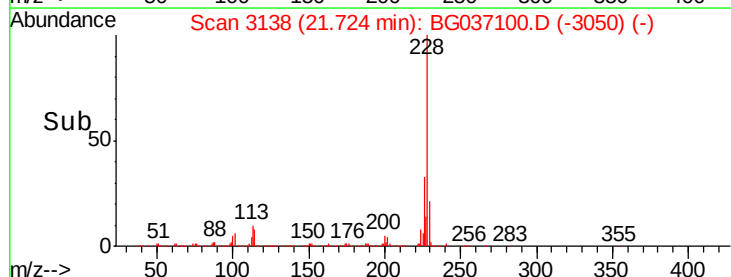
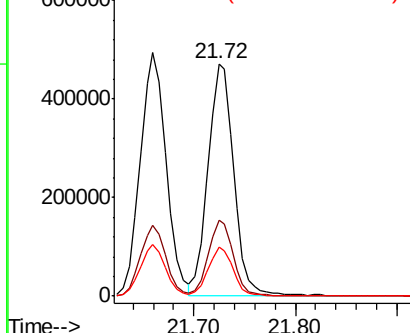


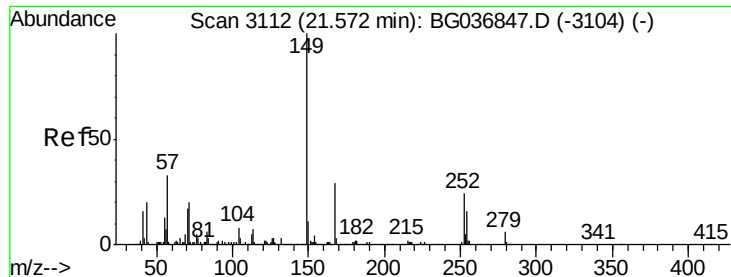
#82
 Chrysene
 Concen: 39.407 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.5	38.3
229	20.9	16.9	25.3



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

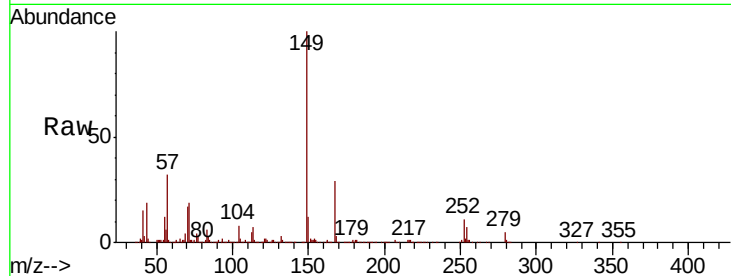




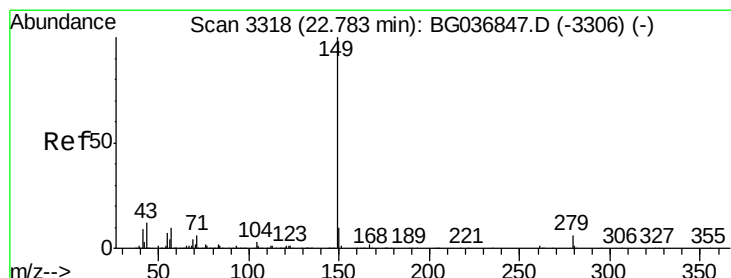
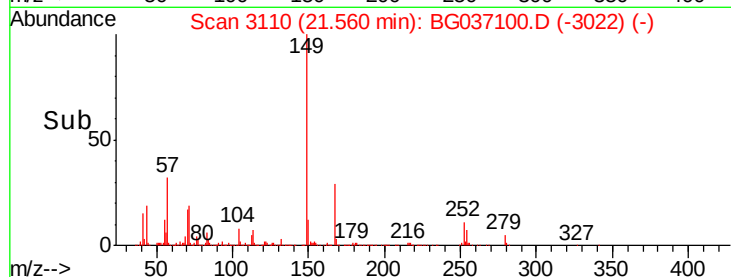
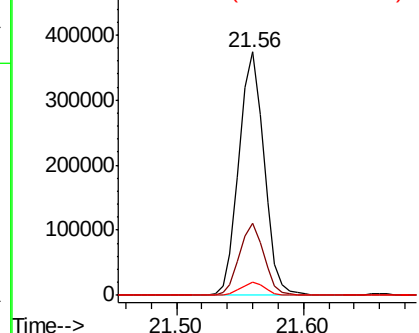
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.427 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.4	35.0
279	5.4	4.6	7.0

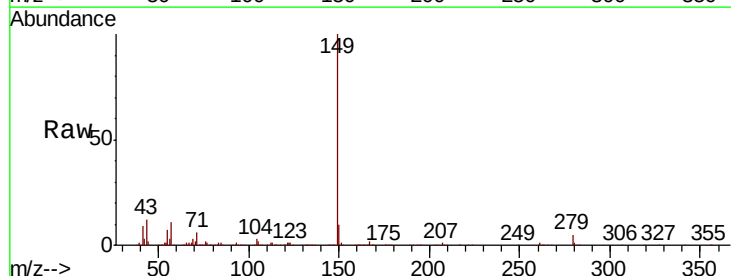


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

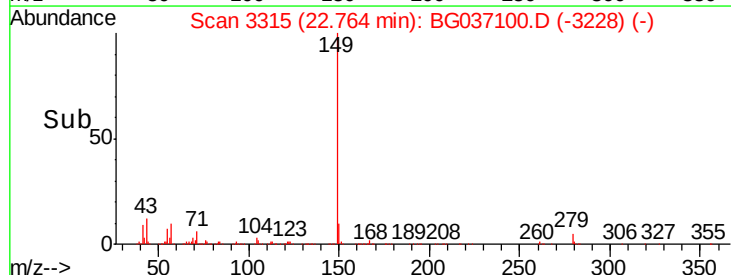
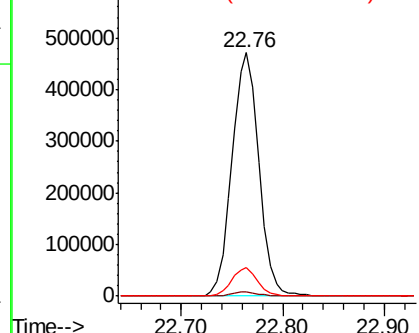


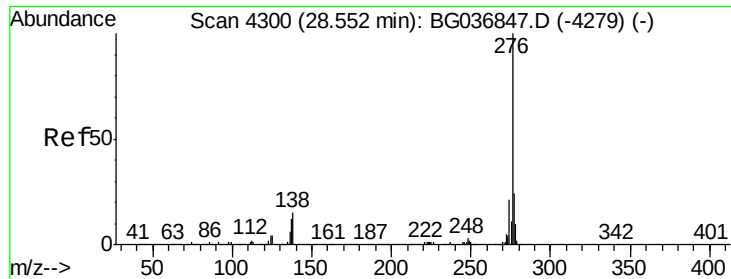
#84
 Di-n-octyl phthalate
 Concen: 42.317 ng
 RT: 22.76 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	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): BGC

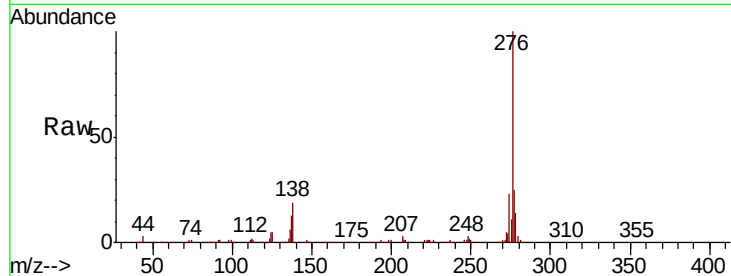




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.140 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.6	15.8
277	25.9	20.6	30.8

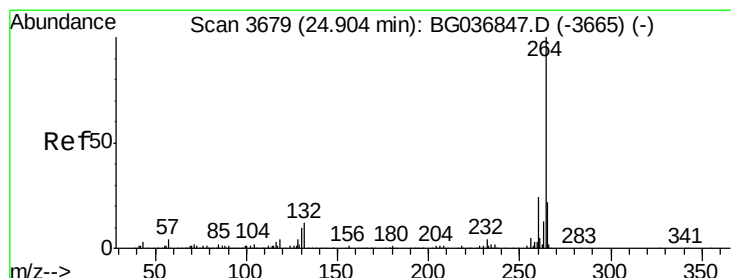
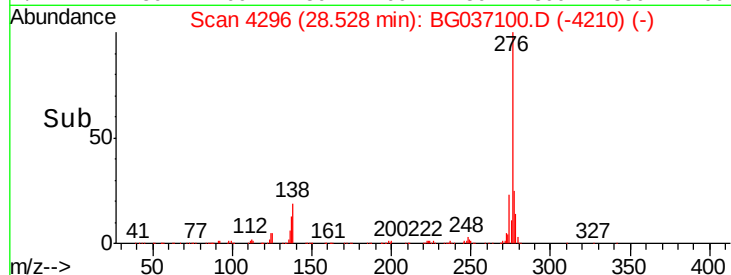
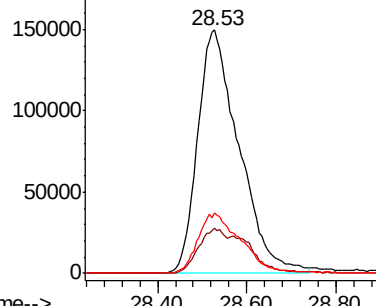


Abundance

Ion 276.00 (275.70 to 276.70): E

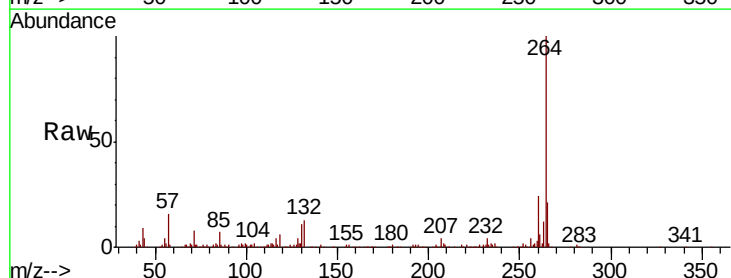
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.4	26.0

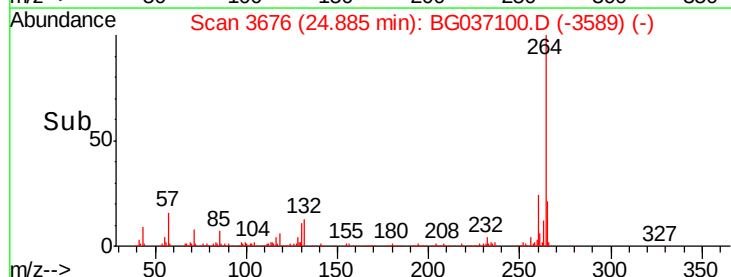
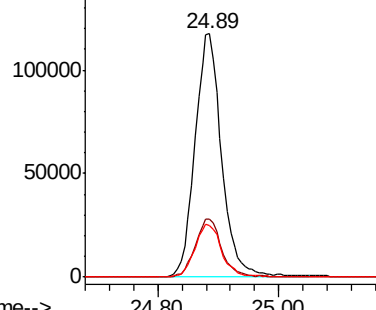


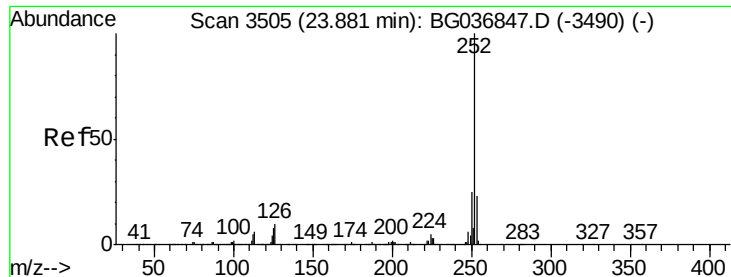
Abundance

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: 44.612 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

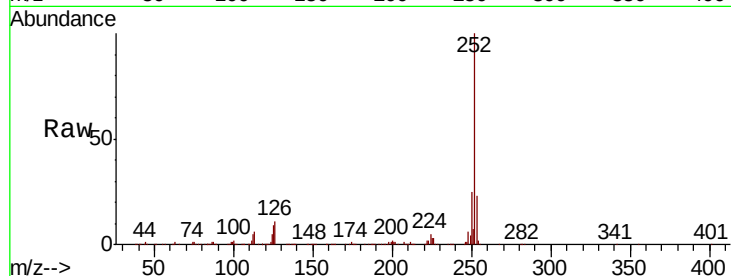
Tot Ion:252 Resp: 856160

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

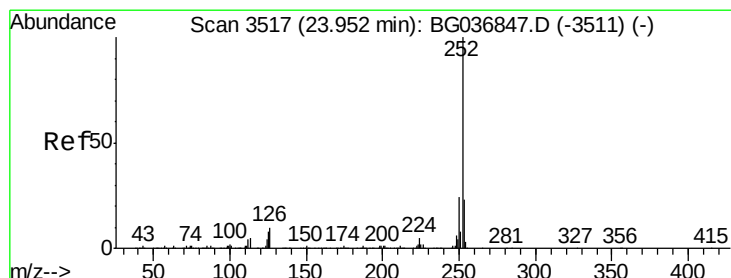
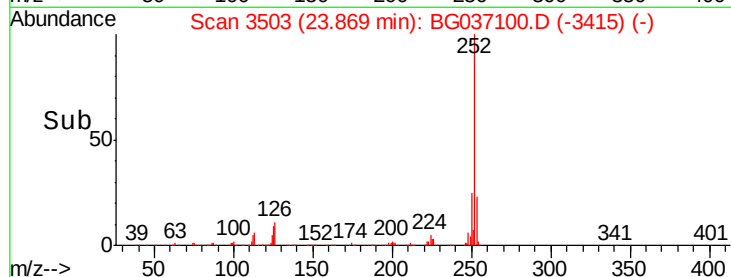
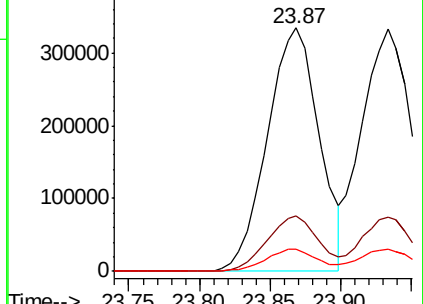
125 9.1 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.774 ng

RT: 23.93 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

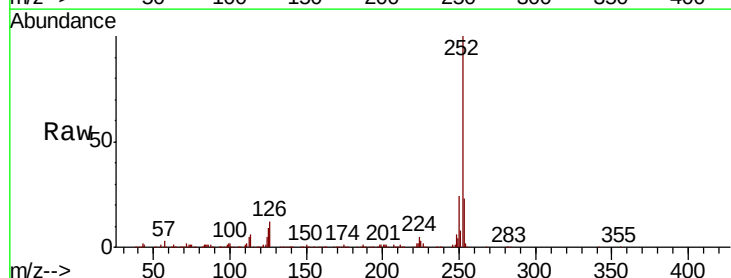
Tgt Ion:252 Resp: 862083

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

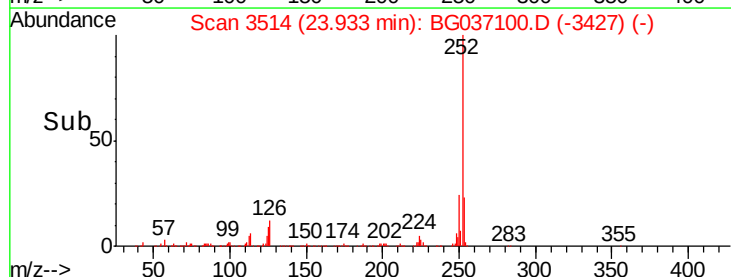
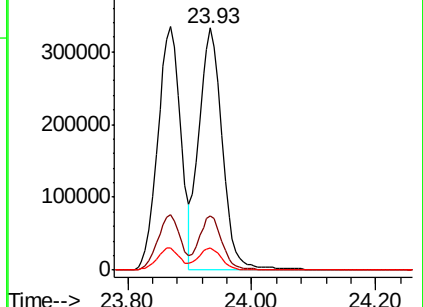
125 9.3 7.0 10.6

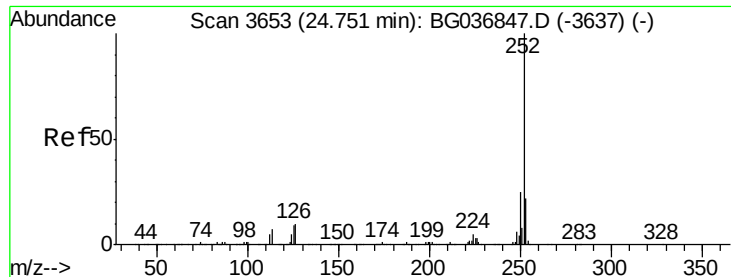


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.259 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

Instrument :

BNA_G

ClientSampleId :

PB113413BS

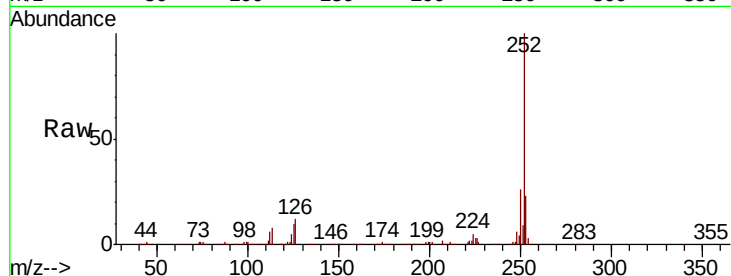
Tot Ion:252 Resp: 839732

Ion Ratio Lower Upper

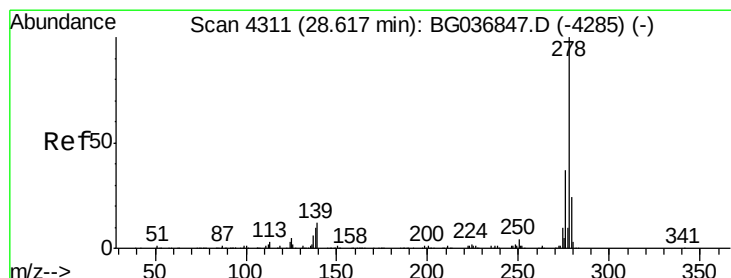
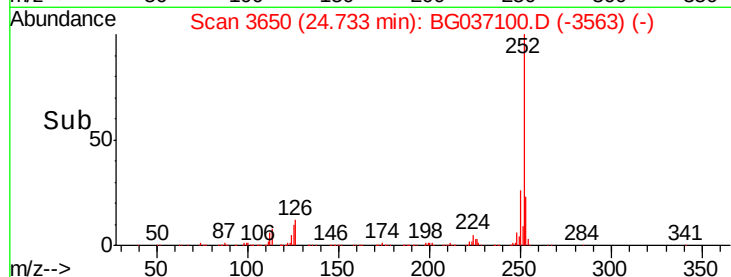
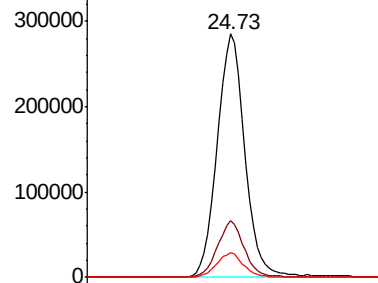
252 100

253 23.1 18.2 27.2

125 10.2 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: 46.757 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.02 min

Lab File: BG037100.D

Acq: 2 Oct 2018 11:32

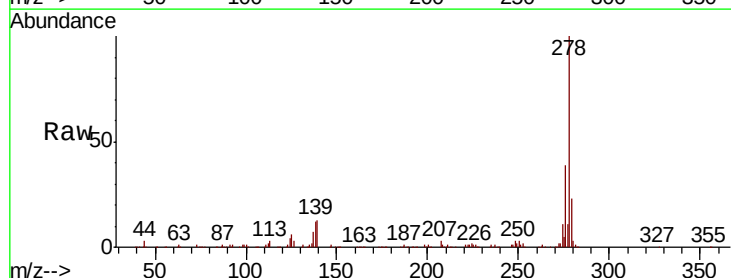
Tgt Ion:278 Resp: 813048

Ion Ratio Lower Upper

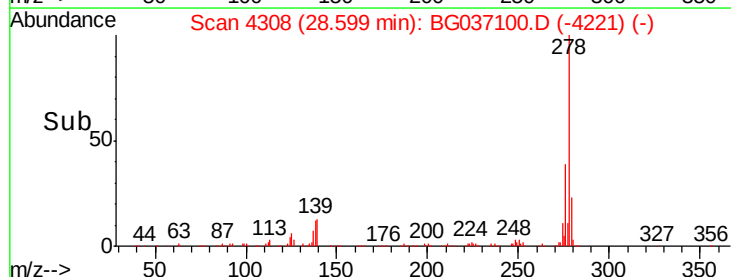
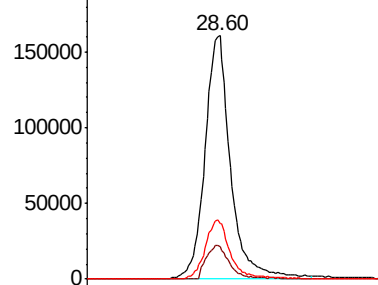
278 100

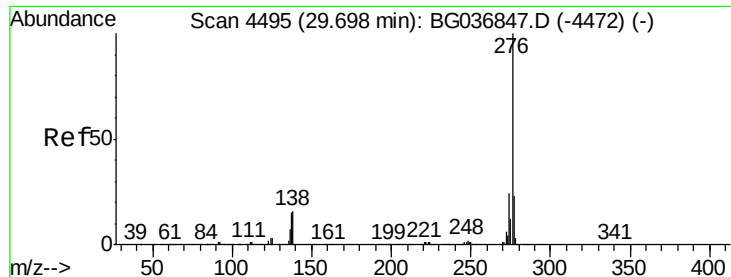
139 13.2 11.0 16.4

279 23.0 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(a,h,i)perylene
 Concen: 45.565 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG037100.D
 Acq: 2 Oct 2018 11:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113413BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	18.0	14.6	22.0

