

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037236.D
 Acq On : 10 Oct 2018 3:17
 Operator : JU/SJ
 Sample : PB113678BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Quant Time: Oct 10 07:07:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	38595	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	161053	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	103391	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	280736	20.00	ng	0.00
75) Chrysene-d12	21.59	240	298538	20.00	ng	0.00
86) Perylene-d12	24.71	264	308854	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	304918	151.51	ng	0.00
7) Phenol-d6	7.12	99	428653	137.67	ng	0.00
23) Nitrobenzene-d5	9.11	82	273581	90.97	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	195160	157.77	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	605514	87.23	ng	0.00
78) Terphenyl-d14	19.94	244	1165591	102.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	43416	47.146	ng	96
3) Pyridine	3.80	79	125025	47.020	ng	98
4) n-Nitrosodimethylamine	3.72	42	60040	50.804	ng	# 90
6) Aniline	7.28	93	86207	21.338	ng	99
8) 2-Chlorophenol	7.51	128	118842	50.858	ng	95
9) Benzaldehyde	7.09	77	67925	33.014	ng	97
10) Phenol	7.14	94	164022	51.042	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	111251	37.427	ng	99
12) 1,3-Dichlorobenzene	7.84	146	124691	43.525	ng	98
13) 1,4-Dichlorobenzene	7.98	146	122531	41.795	ng	99
14) 1,2-Dichlorobenzene	8.30	146	123872	43.601	ng	97
15) Benzyl Alcohol	8.19	79	110296	43.657	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.47	45	238893	41.862	ng	97
17) 2-Methylphenol	8.40	107	104750	46.797	ng	95
18) Hexachloroethane	9.03	117	52079	48.272	ng	99
19) n-Nitroso-di-n-propylamine	8.75	70	103331	39.893	ng	94
20) 3+4-Methylphenols	8.72	107	149119	47.887	ng	99
22) Acetophenone	8.77	105	185103	48.908	ng	99
24) Nitrobenzene	9.15	77	151478	47.165	ng	99
25) Isophorone	9.68	82	295950	53.855	ng	99
26) 2-Nitrophenol	9.87	139	74440	58.149	ng	98
27) 2,4-Dimethylphenol	9.93	122	118592	59.471	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	161961	47.764	ng	100
29) 2,4-Dichlorophenol	10.41	162	126257	54.618	ng	95
30) 1,2,4-Trichlorobenzene	10.62	180	129183	44.655	ng	97
31) Naphthalene	10.80	128	383487	50.044	ng	99
32) Benzoic acid	9.93	122	90734	58.007	ng	# 14
33) 4-Chloroaniline	10.92	127	53780	15.436	ng	96
34) Hexachlorobutadiene	11.09	225	88771	44.373	ng	98
35) Caprolactam	11.69	113	48902	51.398	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	149269	54.117	ng	96
37) 2-Methylnaphthalene	12.41	142	290325	49.745	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	164193	45.532	ng	99
40) Hexachlorocyclopentadiene	12.76	237	189467	102.159	ng	100

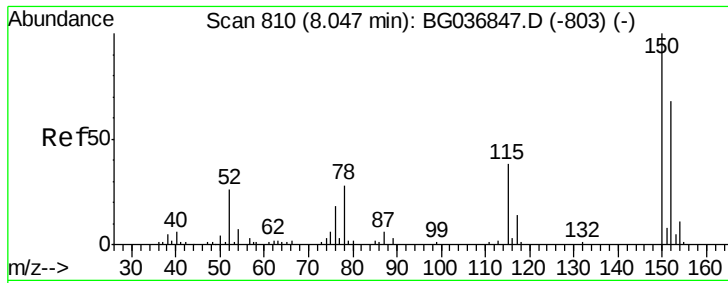
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
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 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	124684	62.265	ng	95
43) 2,4,5-Trichlorophenol	13.10	196	123247	57.720	ng	98
45) 1,1'-Biphenyl	13.42	154	384184	48.519	ng	96
46) 2-Chloronaphthalene	13.46	162	292983	47.050	ng	99
47) 2-Nitroaniline	13.67	65	112294	52.137	ng	99
48) Acenaphthylene	14.31	152	512105	52.481	ng	99
49) Dimethylphthalate	14.04	163	419780	50.441	ng	99
50) 2,6-Dinitrotoluene	14.17	165	92708	51.057	ng	99
51) Acenaphthene	14.65	154	295047	50.030	ng	100
52) 3-Nitroaniline	14.50	138	43603	22.788	ng	95
54) Dibenzofuran	14.99	168	485385	48.659	ng	99
55) 4-Nitrophenol	14.81	139	112898	92.362	ng	98
56) 2,4-Dinitrotoluene	14.95	165	136237	53.770	ng	92
57) Fluorene	15.63	166	397258	53.281	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.22	232	91825	42.392	ng	97
59) Diethylphthalate	15.41	149	433285	51.619	ng	98
60) 4-Chlorophenyl-phenylether	15.63	204	217987	46.166	ng	99
61) 4-Nitroaniline	15.66	138	108025	53.674	ng	98
62) Azobenzene	15.92	77	422269	52.356	ng	99
65) n-Nitrosodiphenylamine	15.85	169	363923	46.956	ng	97
66) 4-Bromophenyl-phenylether	16.52	248	144311	45.193	ng	96
67) Hexachlorobenzene	16.64	284	149830	45.558	ng	98
68) Atrazine	16.79	200	169229	53.926	ng	98
70) Phenanthrene	17.37	178	721900	53.361	ng	99
71) Anthracene	17.47	178	713209	53.315	ng	99
72) Carbazole	17.74	167	665082	50.993	ng	98
73) Di-n-butylphthalate	18.29	149	795077	54.892	ng	99
74) Fluoranthene	19.38	202	906288	55.653	ng	99
76) Benzidine	19.57	184	203397	22.538	ng	97
77) Pyrene	19.75	202	908012	50.685	ng	99
79) Butylbenzylphthalate	20.63	149	380783	53.326	ng	97
80) Benzo(a)anthracene	21.57	228	900722	51.685	ng	100
81) 3,3'-Dichlorobenzidine	21.49	252	145431	21.924	ng	97
82) Chrysene	21.63	228	846057	50.247	ng	99
83) Bis(2-ethylhexyl)phthalate	21.47	149	535540	53.686	ng	100
84) Di-n-octyl phthalate	22.65	149	906466	55.191	ng	97
85) Indeno(1,2,3-cd)pyrene	28.27	276	923055	51.050	ng	# 94
87) Benzo(b)fluoranthene	23.72	252	870951	52.915	ng	98
88) Benzo(k)fluoranthene	23.79	252	851544	51.567	ng	99
89) Benzo(a)pyrene	24.57	252	864701	54.340	ng	99
90) Dibenzo(a,h)anthracene	28.33	278	767743	51.479	ng	98
91) Benzo(g,h,i)perylene	29.38	276	766684	51.224	ng	97

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

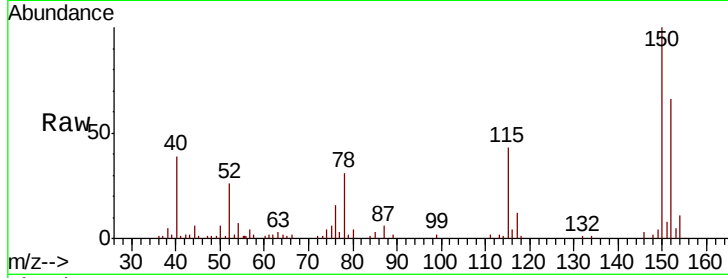


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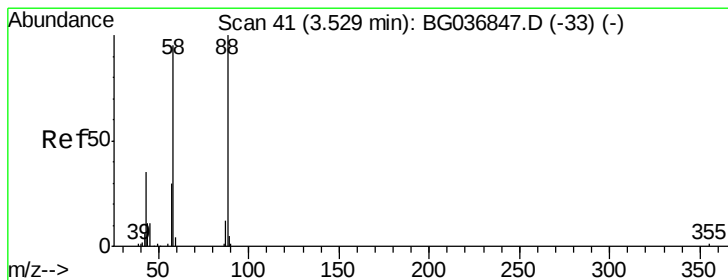
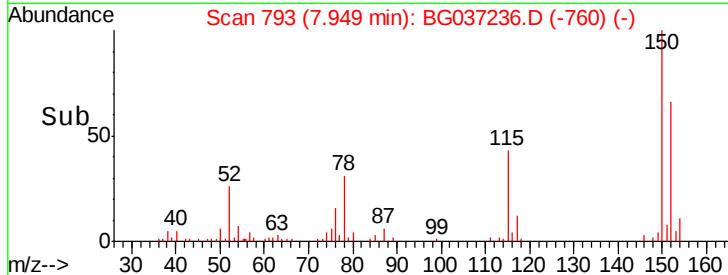
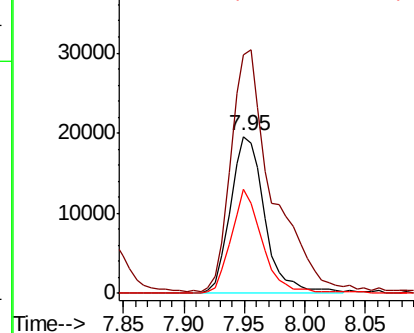
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tgt Ion:152 Resp: 38595
 Ion Ratio Lower Upper
 152 100
 150 152.0 119.5 179.3
 115 65.9 44.5 66.7



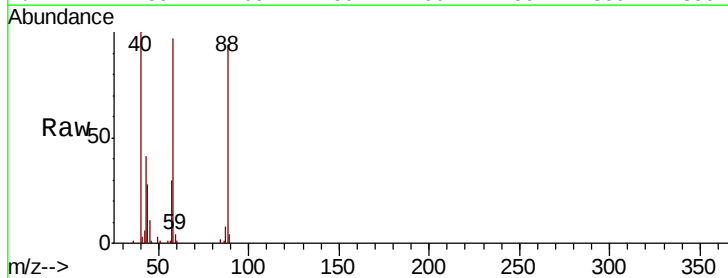
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



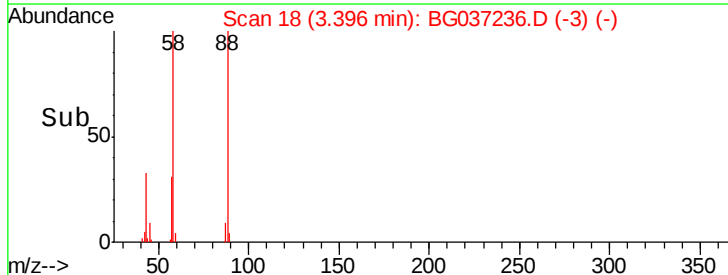
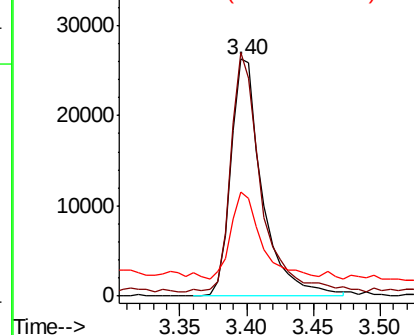
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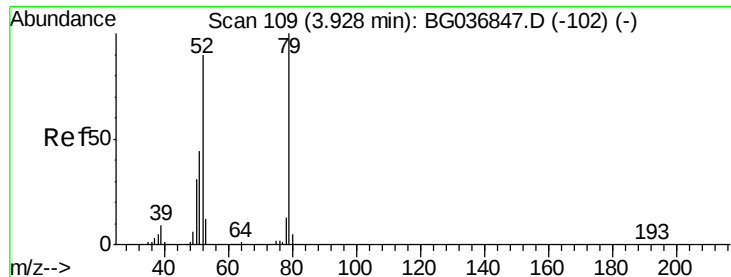
1,4-Dioxane
 Concen: 47.146 ng
 RT: 3.40 min Scan# 18
 Delta R.T. -0.01 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion: 88 Resp: 43416
 Ion Ratio Lower Upper
 88 100
 58 95.5 72.6 109.0
 43 35.6 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

Pyridine

Concen: 47.020 ng

RT: 3.80 min Scan# 86

Delta R.T. -0.02 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

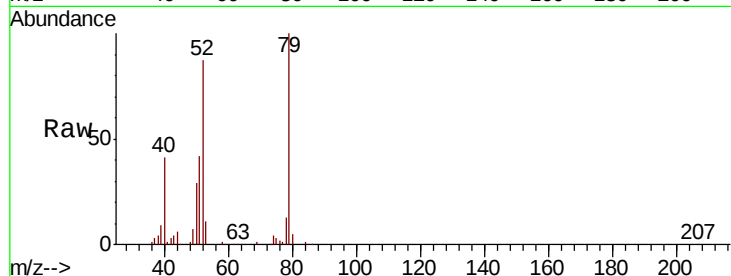
Tgt Ion: 79 Resp: 125025

Ion Ratio Lower Upper

79 100

52 87.4 72.3 108.5

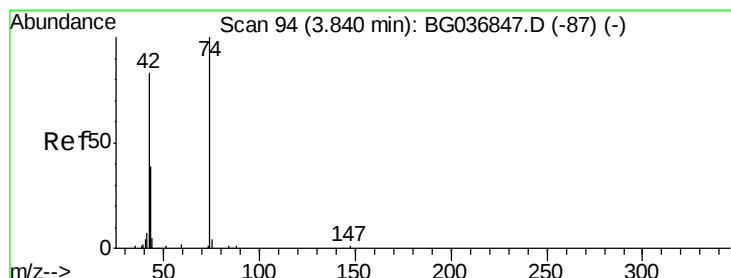
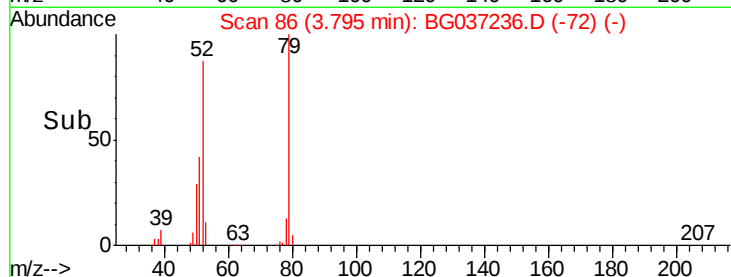
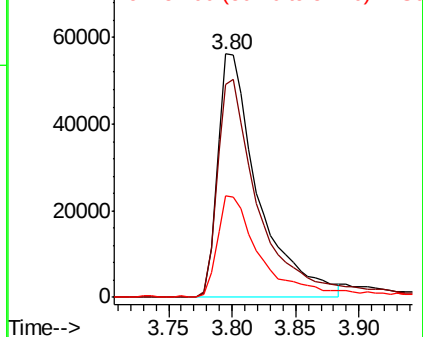
51 42.0 33.8 50.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.804 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

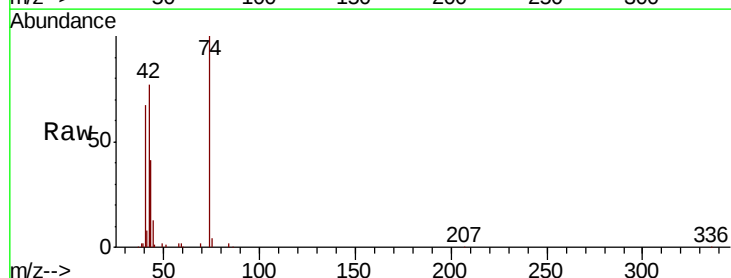
Tgt Ion: 42 Resp: 60040

Ion Ratio Lower Upper

42 100

74 130.7 96.6 145.0

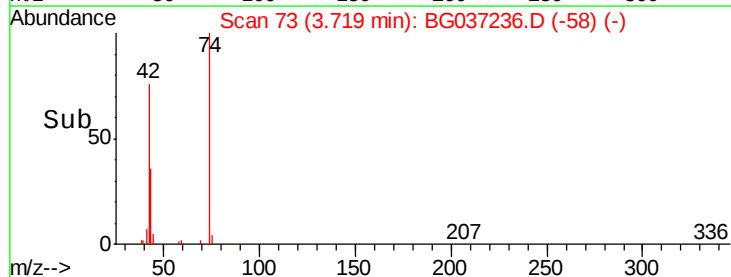
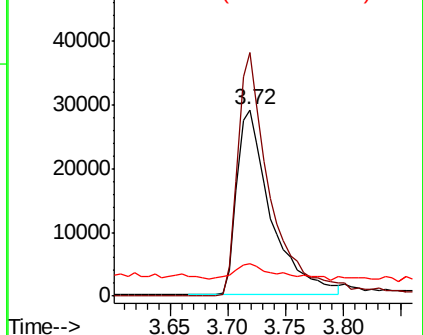
44 17.3 7.0 10.4#

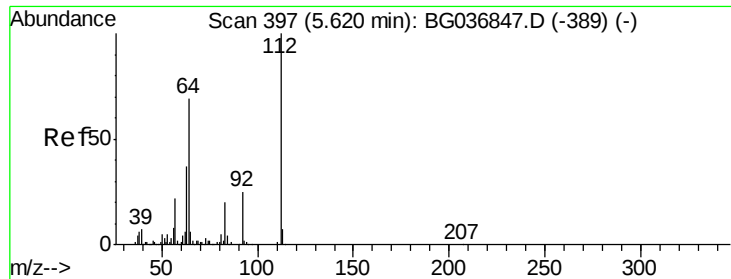


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 151.514 ng

RT: 5.52 min Scan# 380

Delta R.T. 0.01 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

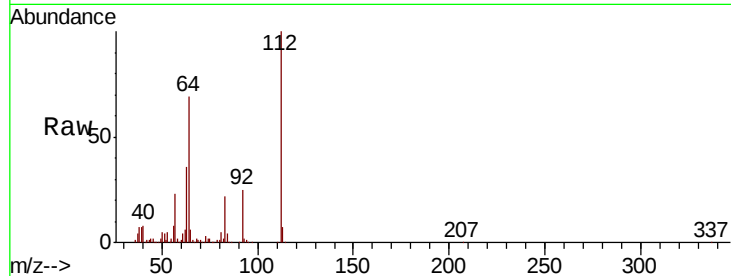
Tgt Ion: 112 Resp: 304918

Ion Ratio Lower Upper

112 100

64 68.6 57.2 85.8

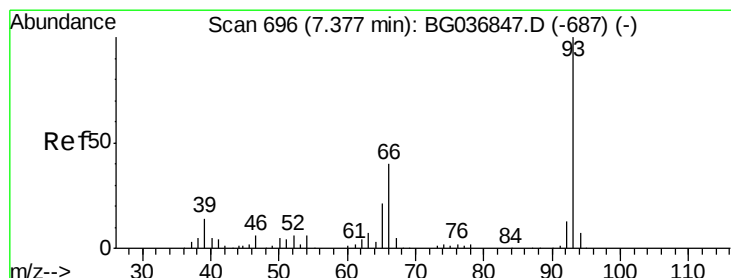
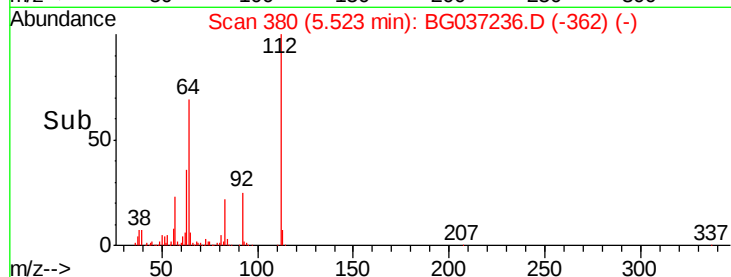
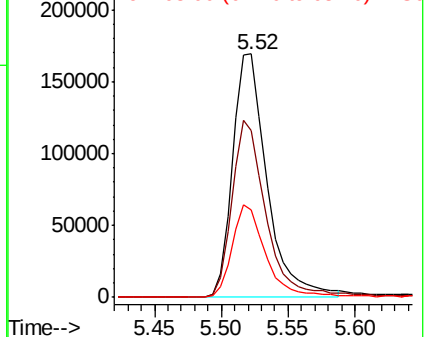
63 36.2 30.8 46.2



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: 21.338 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

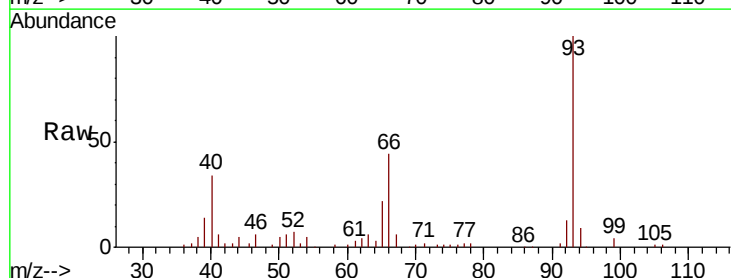
Tgt Ion: 93 Resp: 86207

Ion Ratio Lower Upper

93 100

66 44.3 35.0 52.4

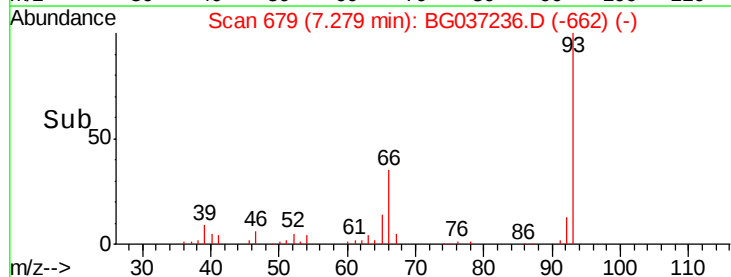
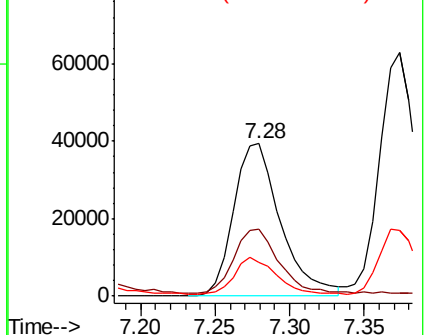
65 22.4 17.6 26.4

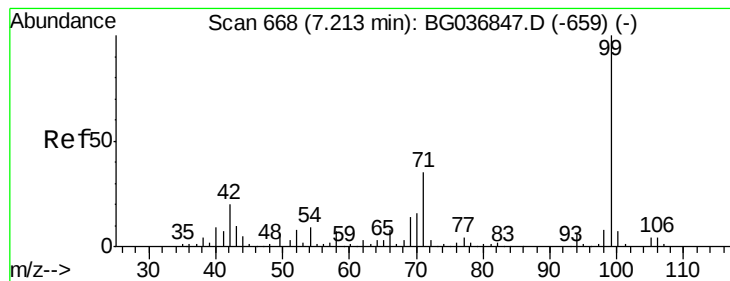


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.669 ng

RT: 7.12 min Scan# 652

Delta R.T. 0.01 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

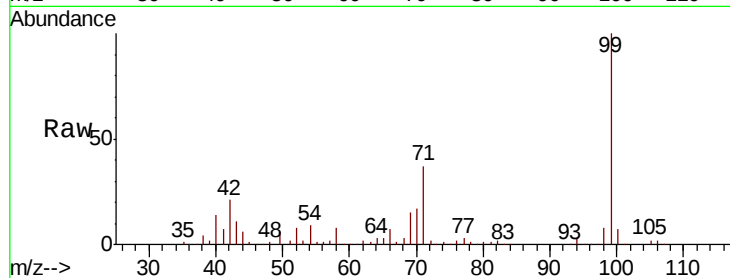
Tgt Ion: 99 Resp: 428653

Ion Ratio Lower Upper

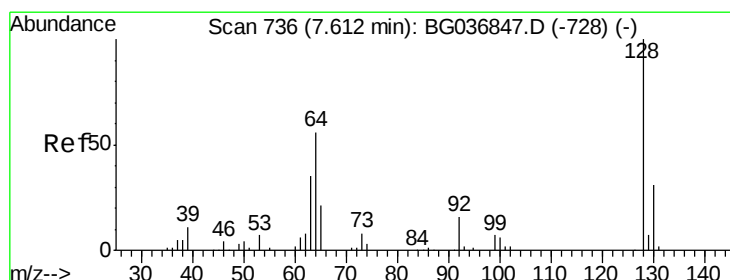
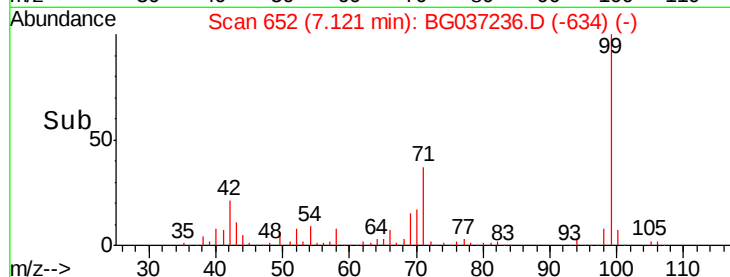
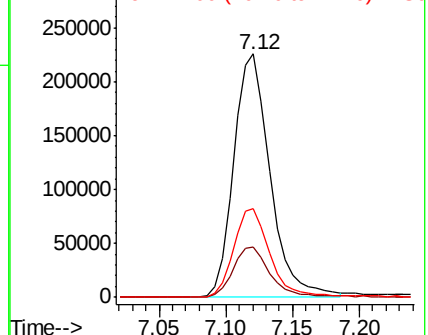
99 100

42 20.8 16.5 24.7

71 36.6 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: 50.858 ng

RT: 7.51 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

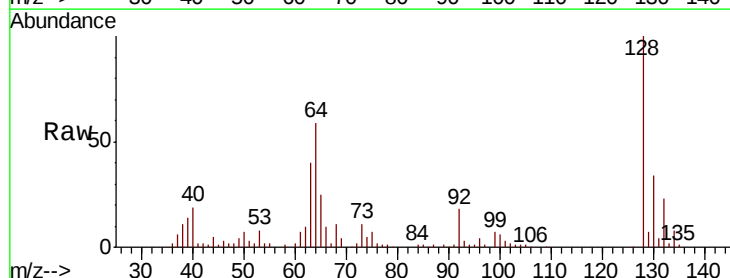
Tgt Ion: 128 Resp: 118842

Ion Ratio Lower Upper

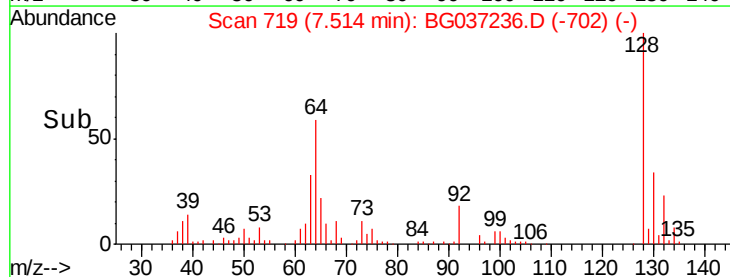
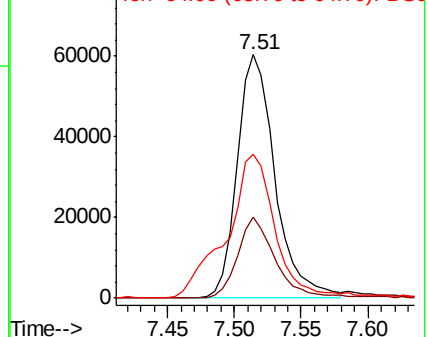
128 100

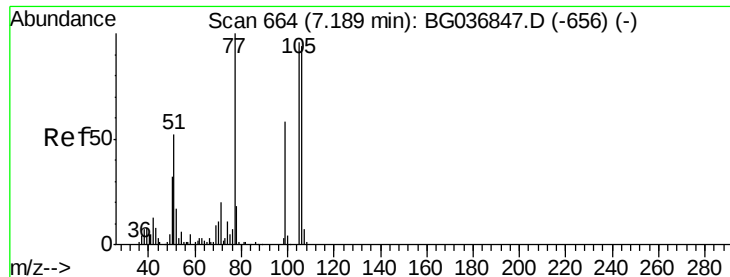
130 33.5 10.0 50.0

64 59.0 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: 33.014 ng

RT: 7.09 min Scan# 646

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

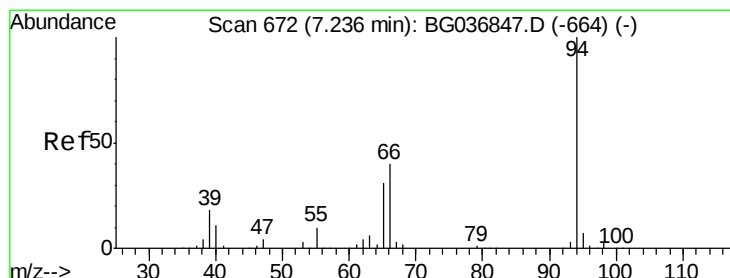
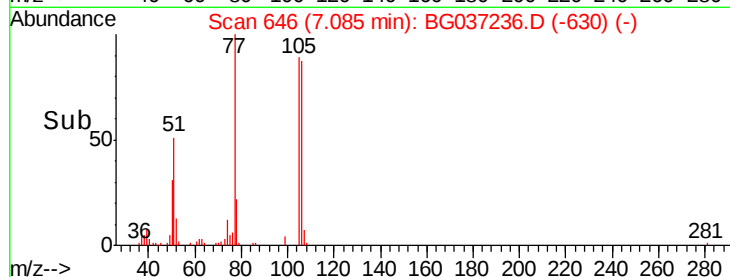
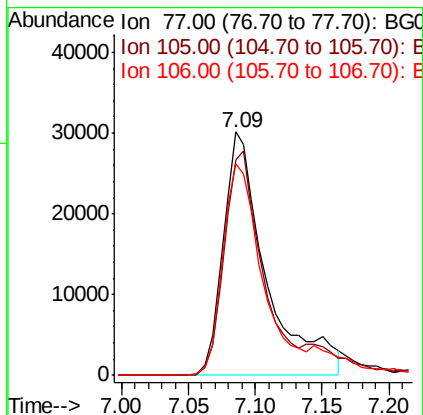
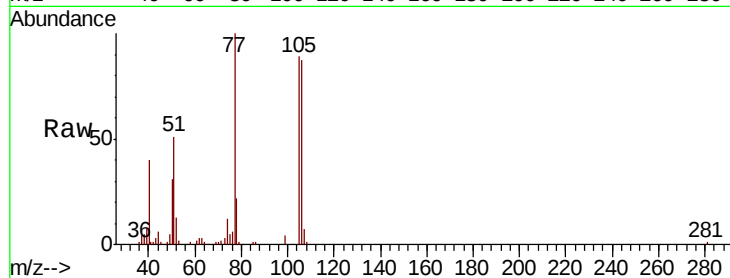
Tgt Ion: 77 Resp: 67925

Ion Ratio Lower Upper

77 100

105 88.6 70.5 110.5

106 86.8 69.8 109.8



#10

Phenol

Concen: 51.042 ng

RT: 7.14 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

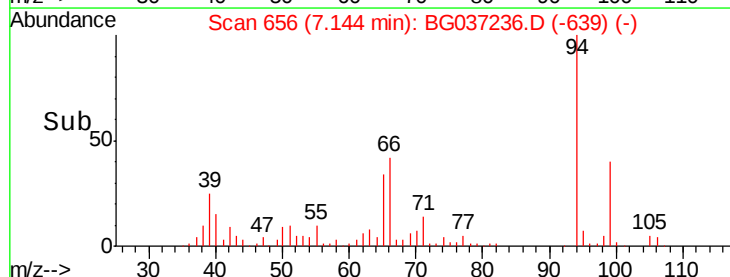
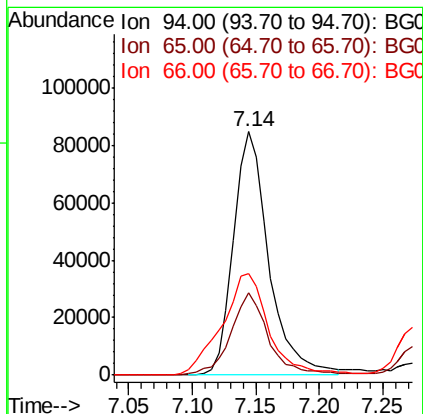
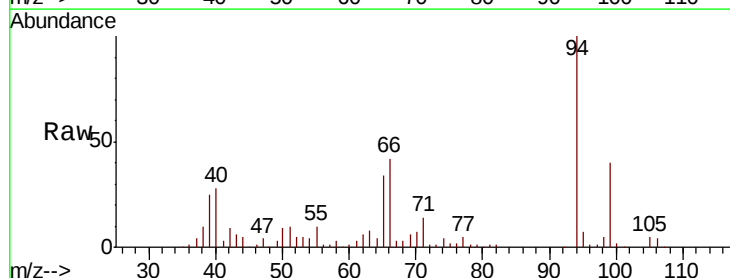
Tgt Ion: 94 Resp: 164022

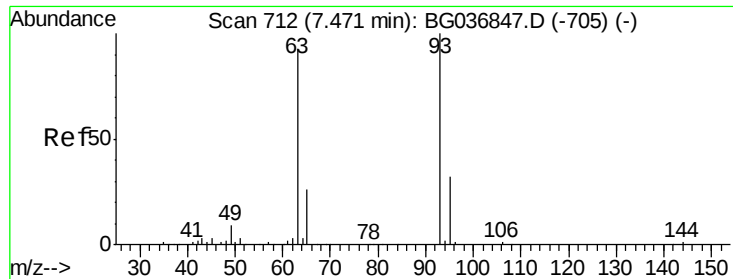
Ion Ratio Lower Upper

94 100

65 33.9 11.5 51.5

66 41.7 19.5 59.5

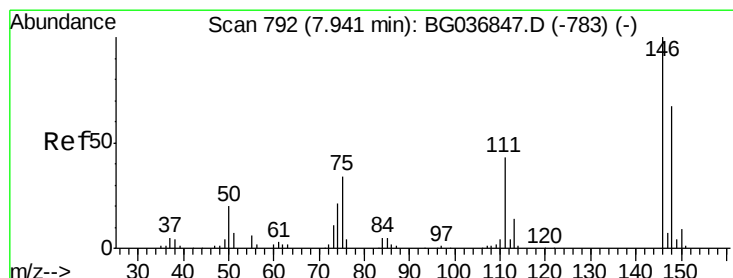
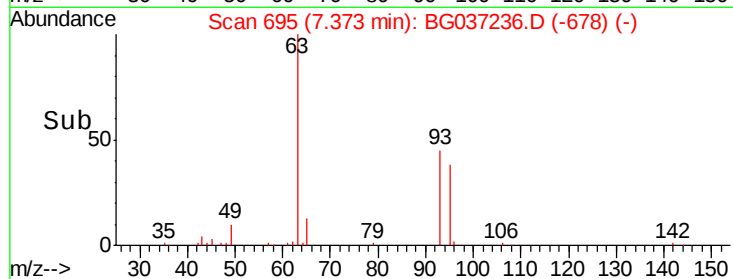
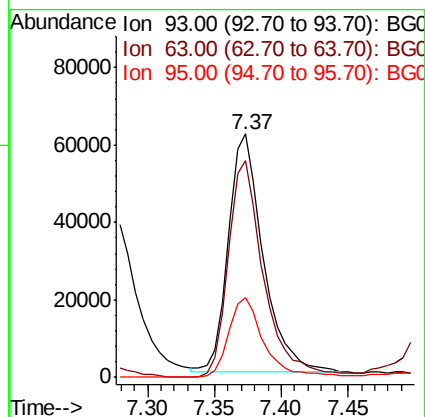
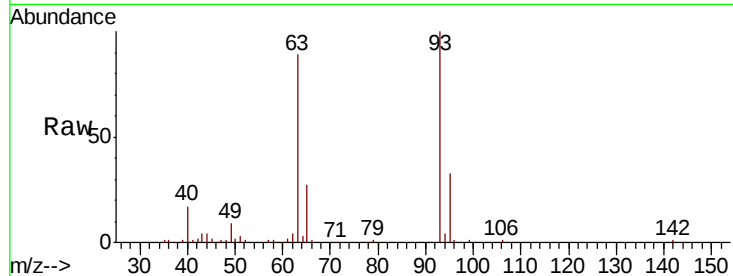




#11
 bis(2-Chloroethyl)ether
 Concen: 37.427 ng
 RT: 7.37 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

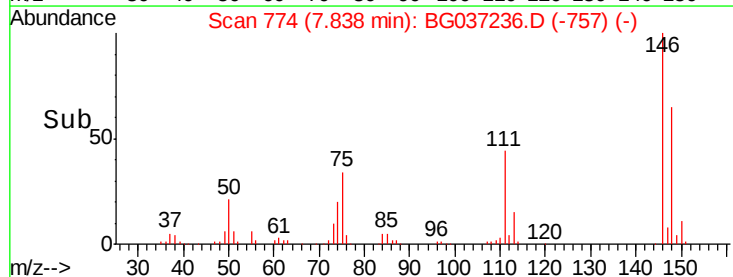
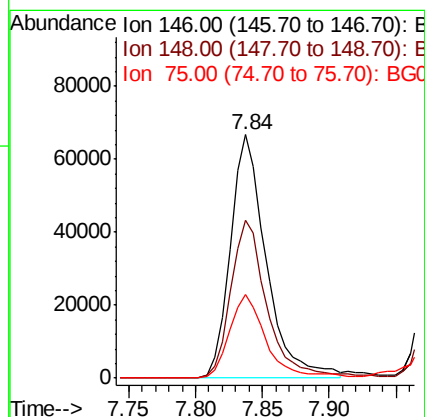
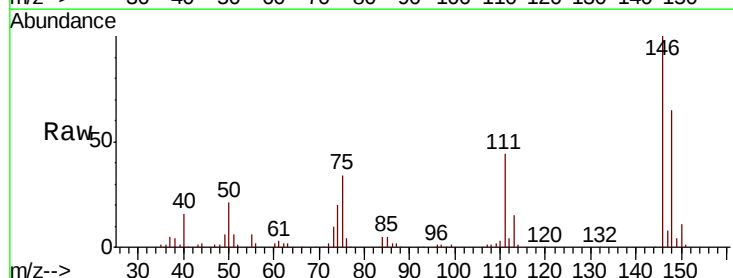
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

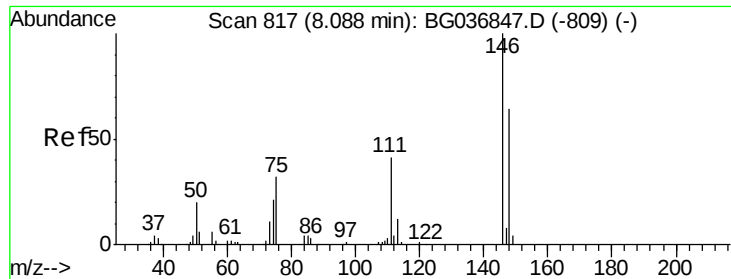
Tgt Ion: 93 Resp: 111251
 Ion Ratio Lower Upper
 93 100
 63 88.9 69.9 109.9
 95 32.6 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 43.525 ng
 RT: 7.84 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion: 146 Resp: 124691
 Ion Ratio Lower Upper
 146 100
 148 65.0 53.8 80.6
 75 34.2 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 41.795 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

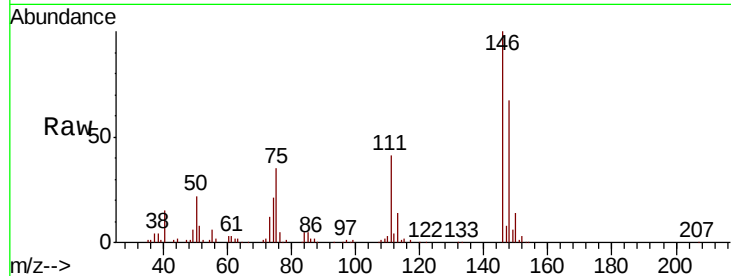
Tgt Ion:146 Resp: 122531

Ion Ratio Lower Upper

146 100

148 66.6 53.9 80.9

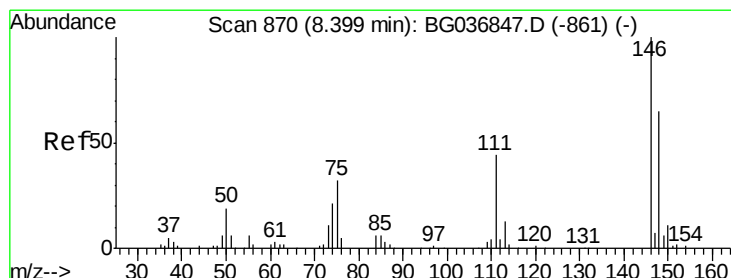
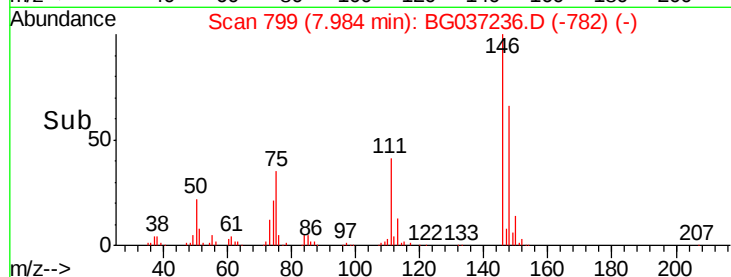
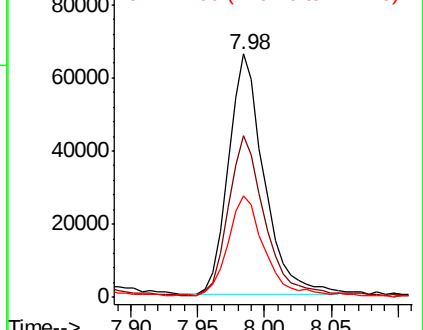
111 41.5 33.8 50.6



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: 43.601 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

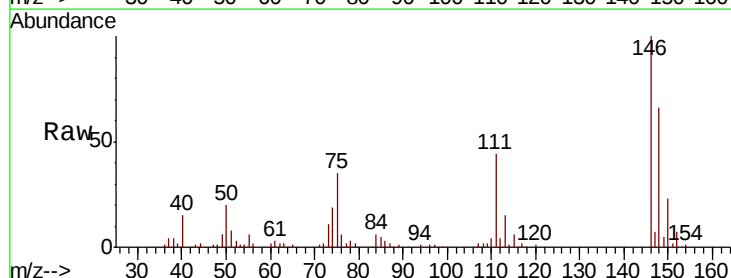
Tgt Ion:146 Resp: 123872

Ion Ratio Lower Upper

146 100

148 65.7 55.0 82.6

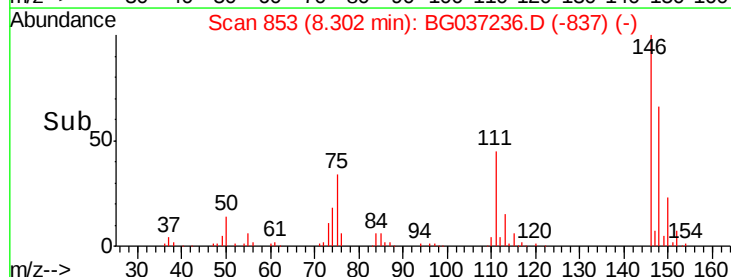
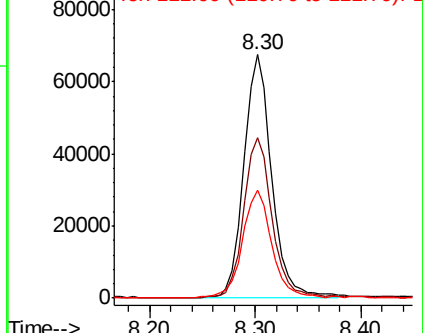
111 44.4 34.6 51.8

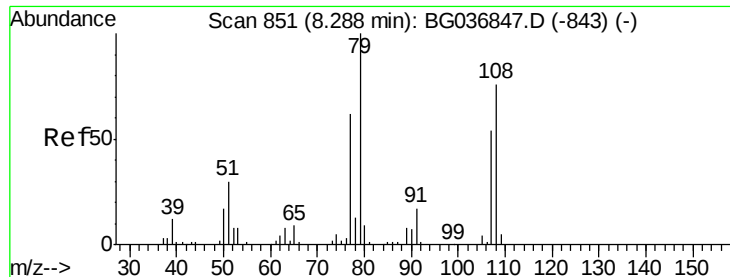


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.657 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

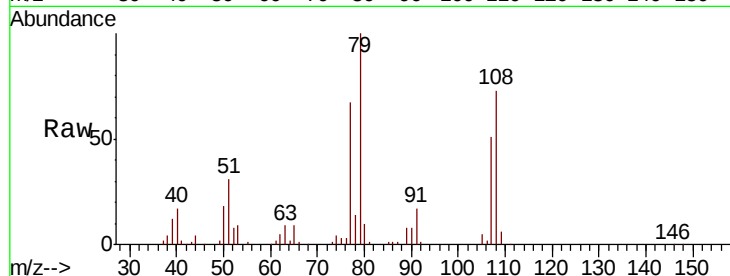
Tgt Ion: 79 Resp: 110296

Ion Ratio Lower Upper

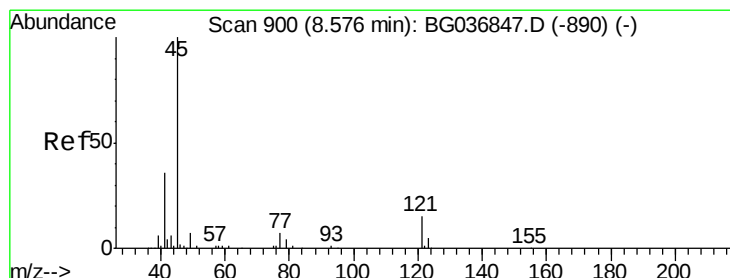
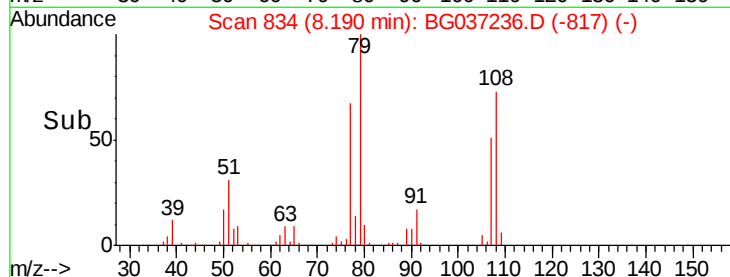
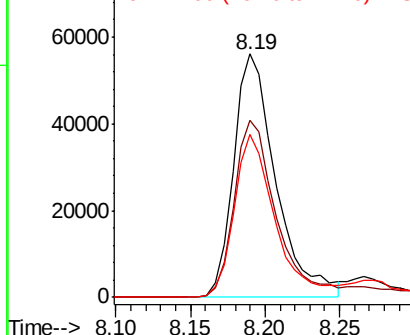
79 100

108 72.8 55.9 83.9

77 67.1 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.862 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

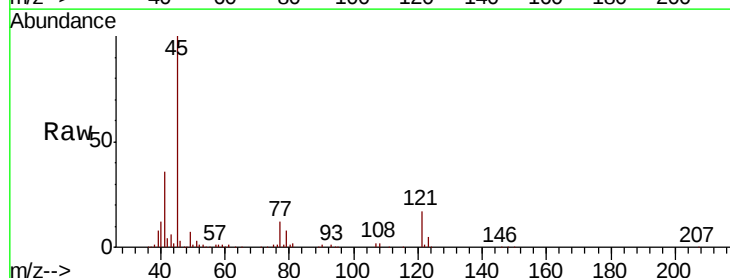
Tgt Ion: 45 Resp: 238893

Ion Ratio Lower Upper

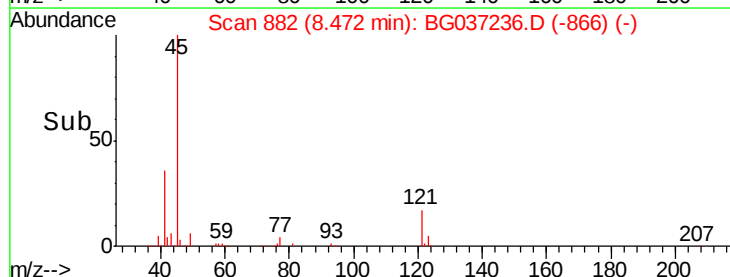
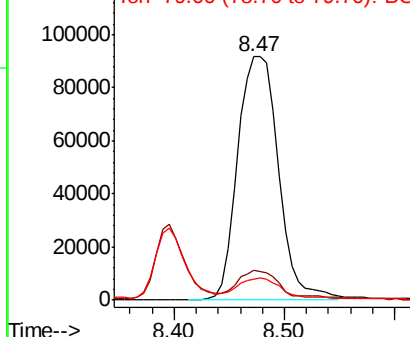
45 100

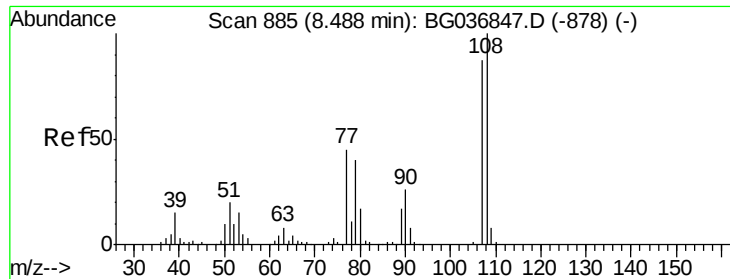
77 12.2 0.0 30.5

79 8.5 0.0 27.9



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

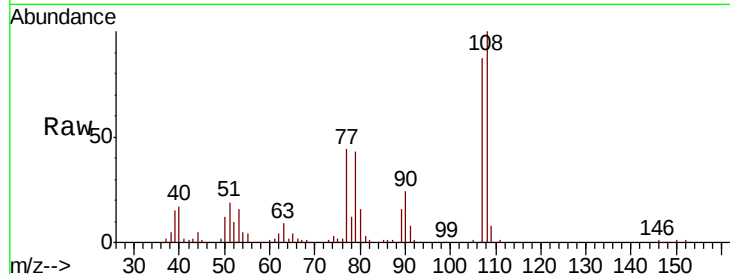




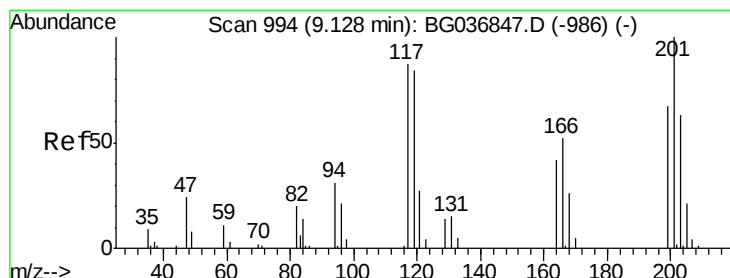
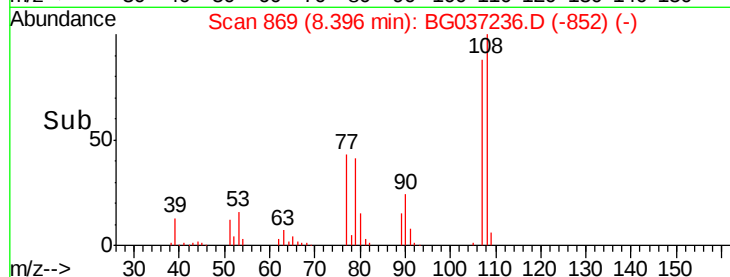
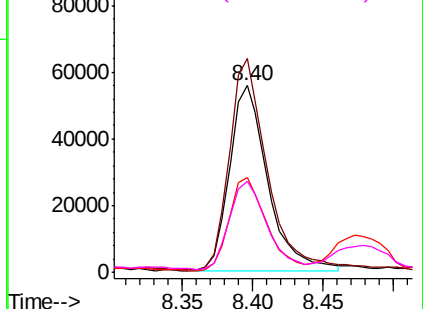
#17
2-Methylphenol
Concen: 46.797 ng
RT: 8.40 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tgt Ion:	107	Resp:	104750
Ion	Ratio	Lower	Upper
107	100		
108	114.3	86.7	130.1
77	50.6	39.0	58.4
79	48.8	36.6	54.8

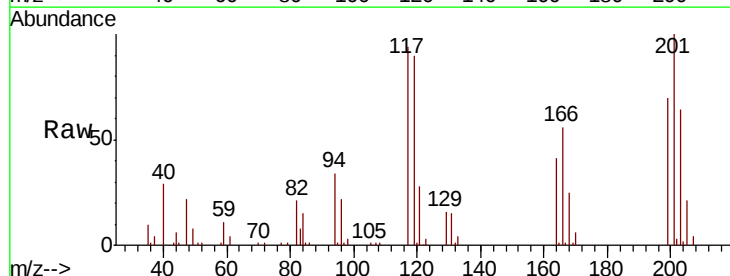


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

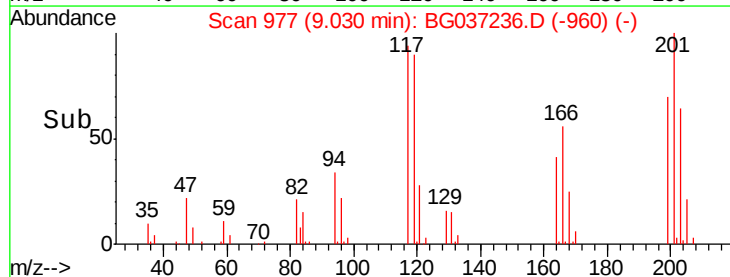
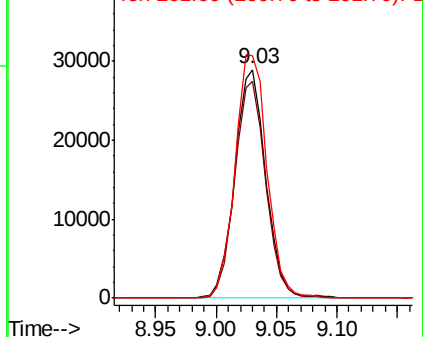


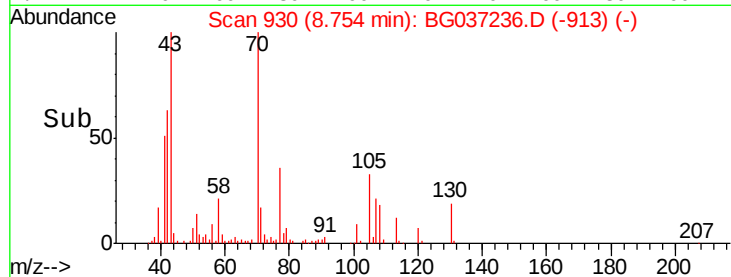
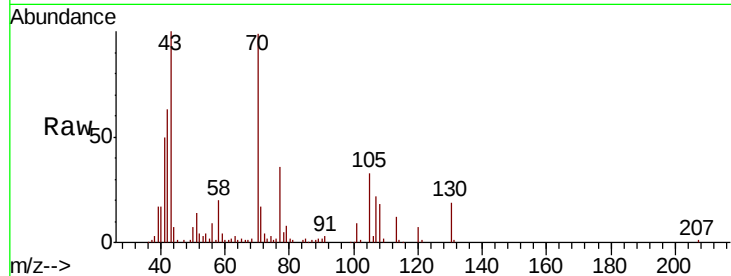
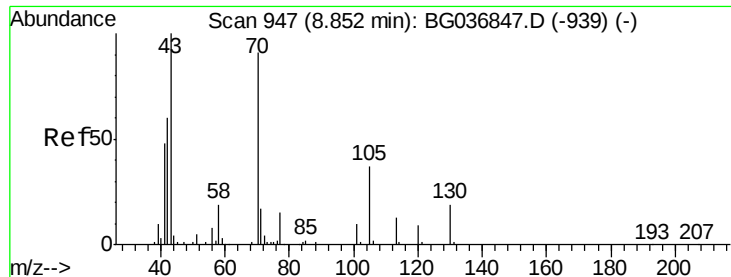
#18
Hexachloroethane
Concen: 48.272 ng
RT: 9.03 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:	117	Resp:	52079
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.8	115.2
201	106.1	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

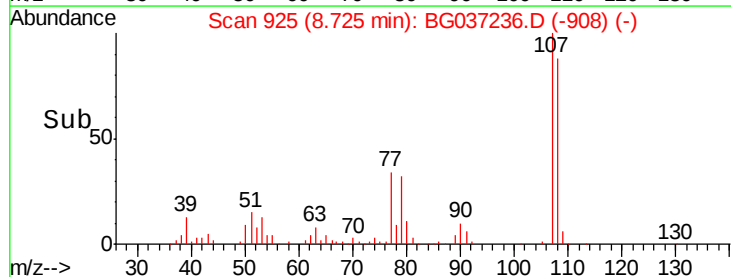
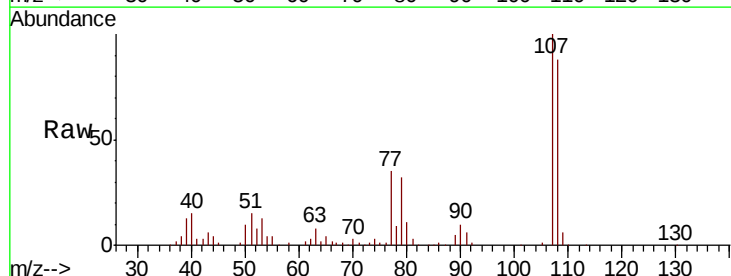
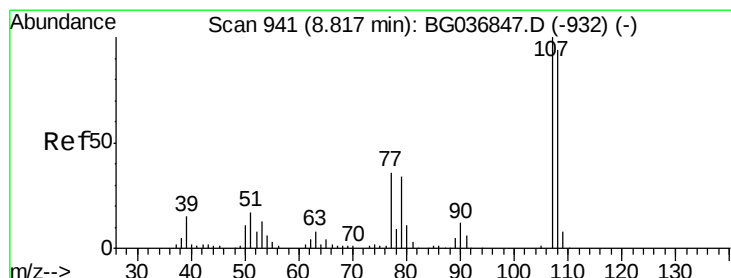
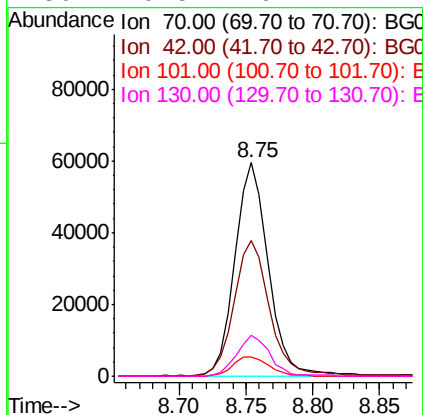




#19
n-Nitroso-di-n-propylamine
Concen: 39.893 ng
RT: 8.75 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

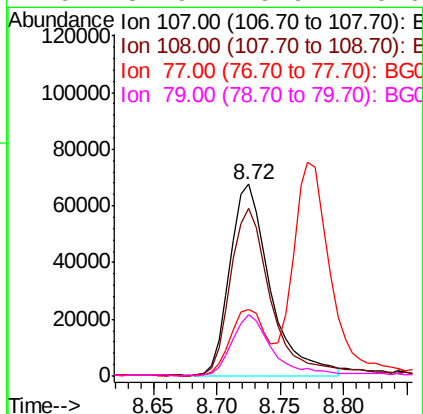
Instrument :
BNA_G
ClientSampleId :
PB113678BS

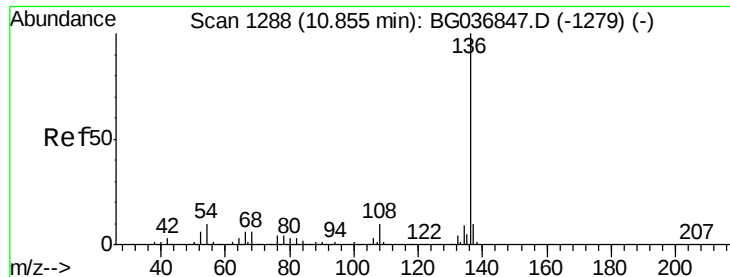
Tgt Ion:	70	Resp:	103331
Ion	Ratio	Lower	Upper
70	100		
42	63.5	56.2	84.4
101	8.8	7.8	11.6
130	19.5	16.2	24.2



#20
3+4-Methylphenols
Concen: 47.887 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:	107	Resp:	149119
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.0	108.0
77	34.9	15.6	55.6
79	31.9	9.9	49.9

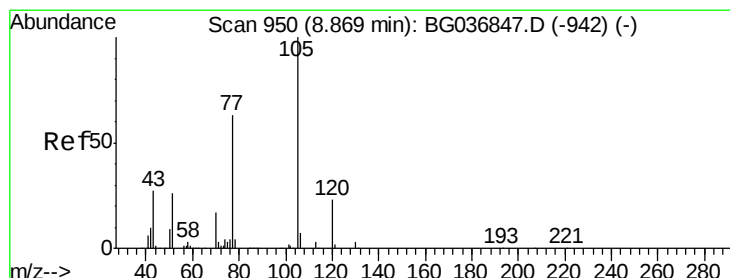
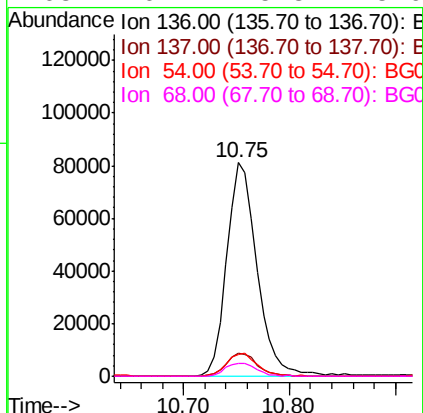
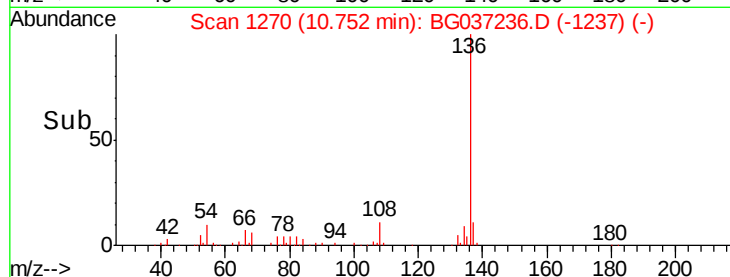
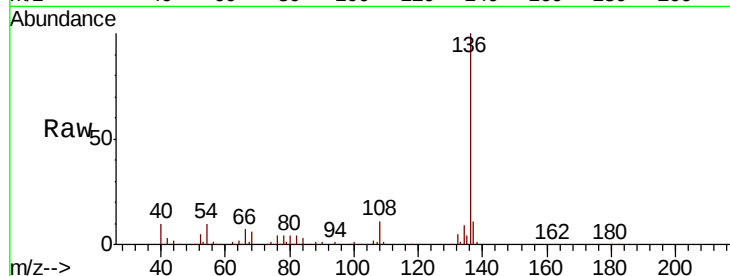




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

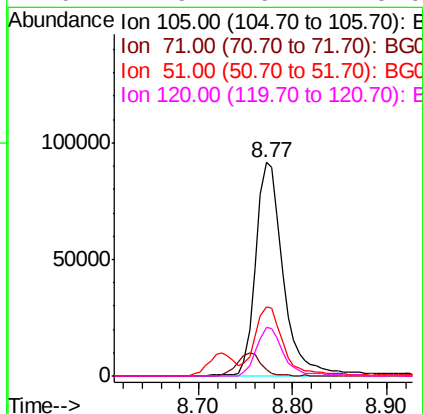
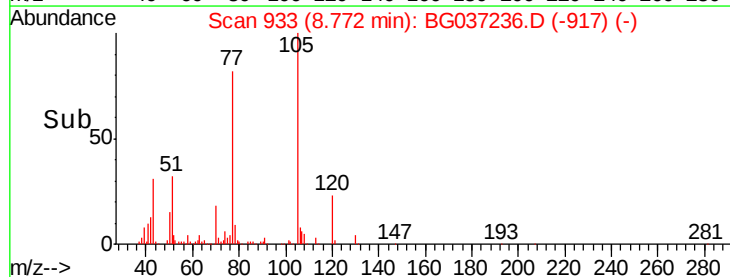
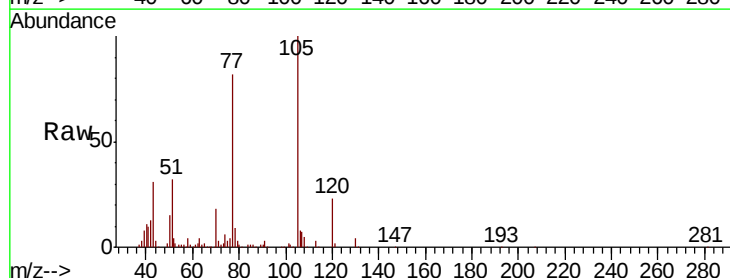
Instrument :
BNA_G
ClientSampleId :
PB113678BS

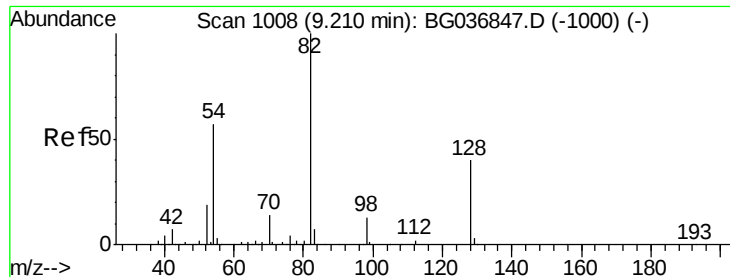
Tgt Ion:	136	Resp:	161053
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.5	9.2	13.8
68	6.2	5.8	8.6



#22
Acetophenone
Concen: 48.908 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:	105	Resp:	185103
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.4	3.6
51	32.5	25.9	38.9
120	22.9	19.4	29.0

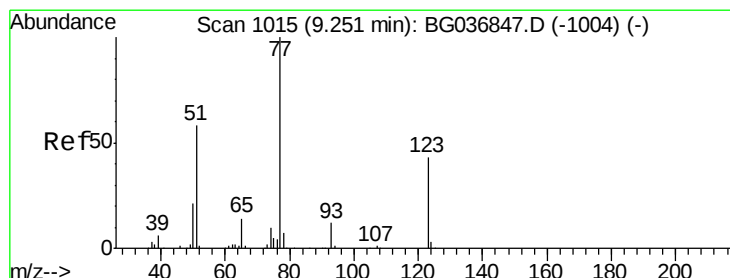
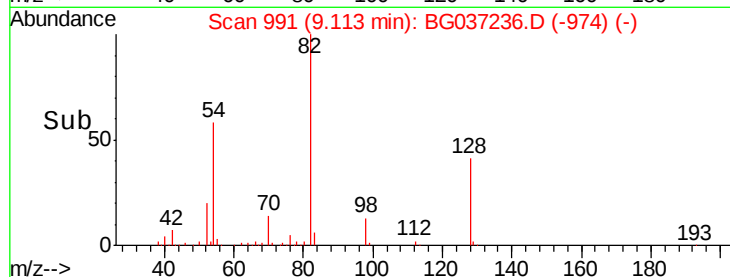
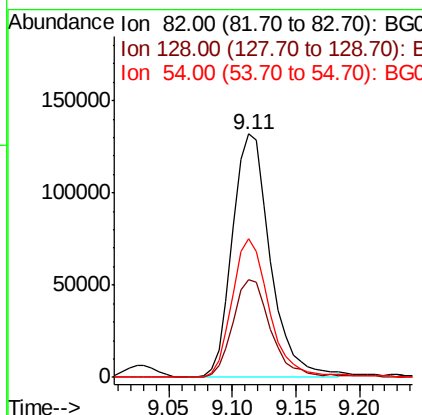
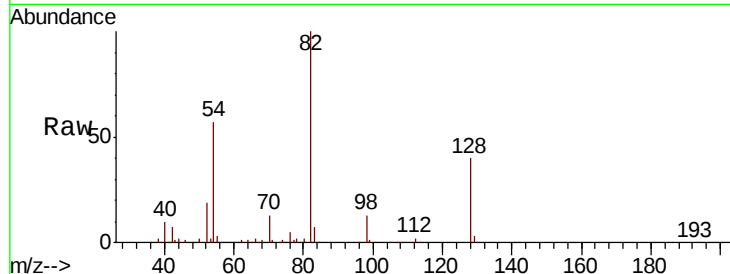




#23
 Nitrobenzene-d5
 Concen: 90.967 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

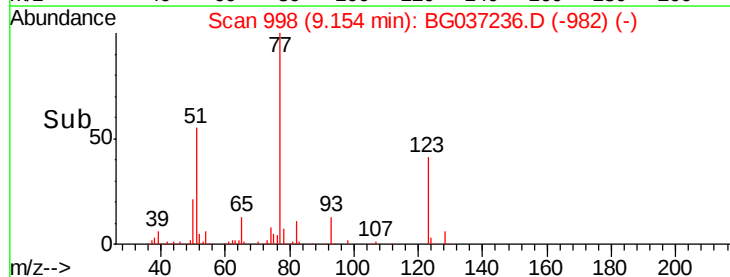
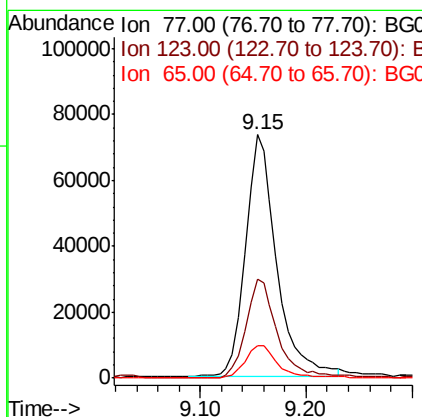
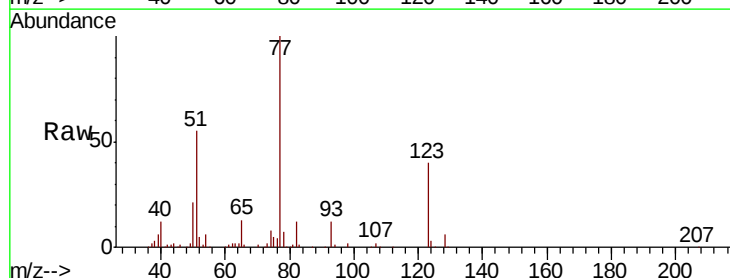
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

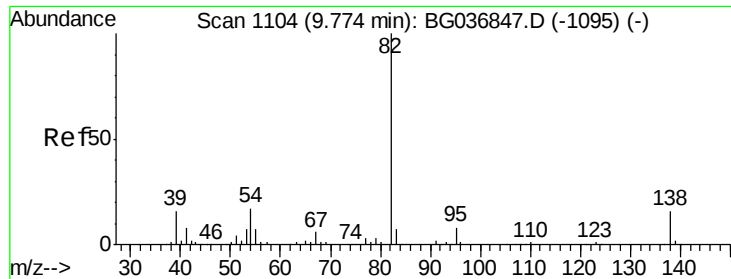
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	56.7	45.1	67.7



#24
 Nitrobenzene
 Concen: 47.165 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	32.4	48.6
65	13.3	11.5	17.3

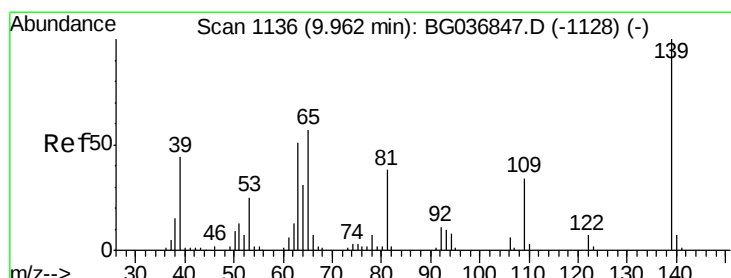
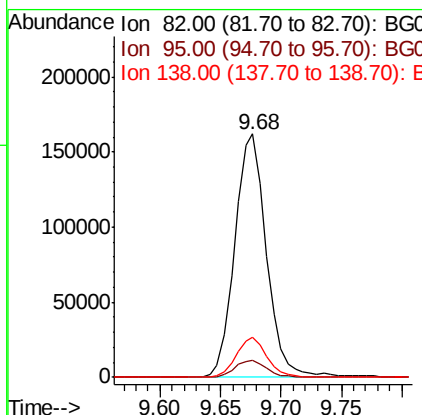
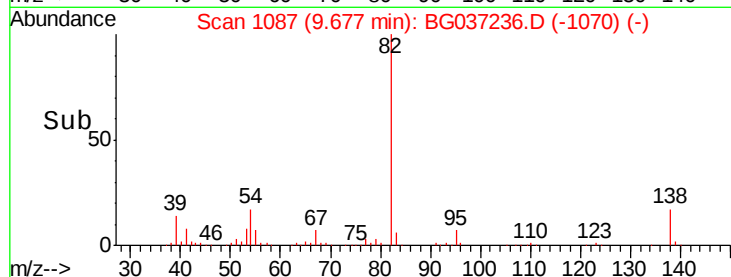
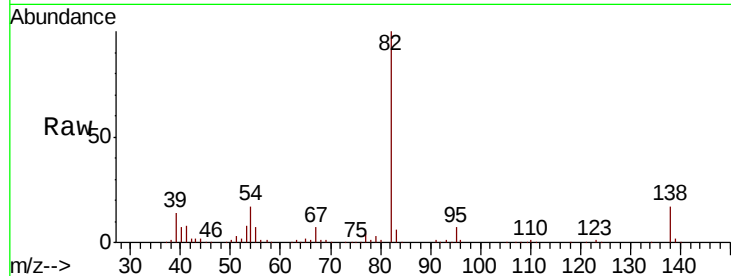




#25
Isophorone
Concen: 53.855 ng
RT: 9.68 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

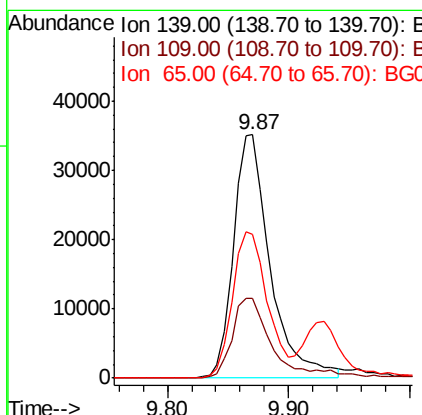
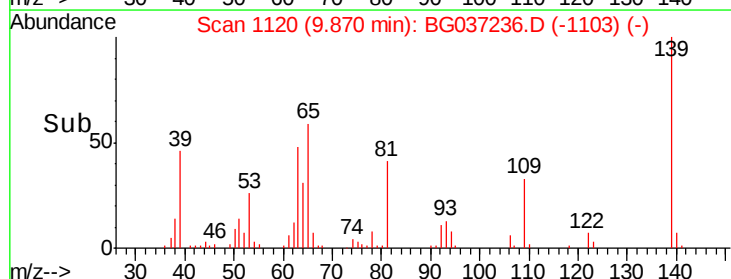
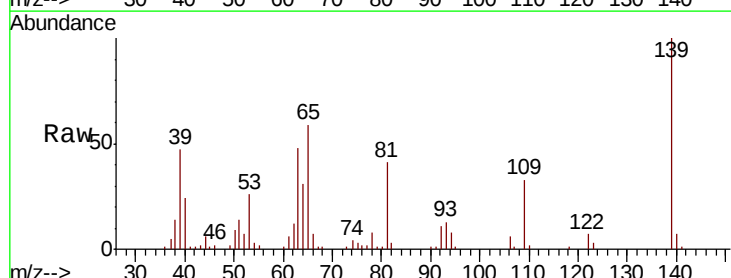
Instrument :
BNA_G
ClientSampleId :
PB113678BS

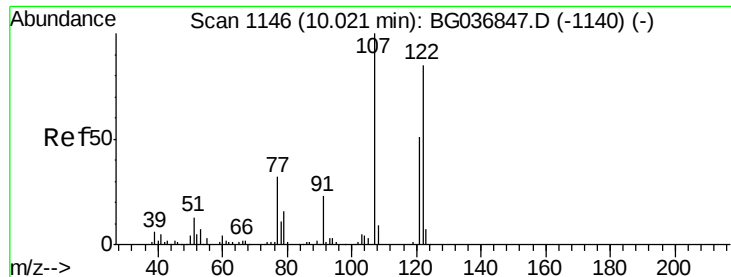
Tgt Ion: 82 Resp: 295950
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 16.7 12.9 19.3



#26
2-Nitrophenol
Concen: 58.149 ng
RT: 9.87 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion: 139 Resp: 74440
Ion Ratio Lower Upper
139 100
109 32.6 27.4 41.0
65 58.9 47.8 71.6

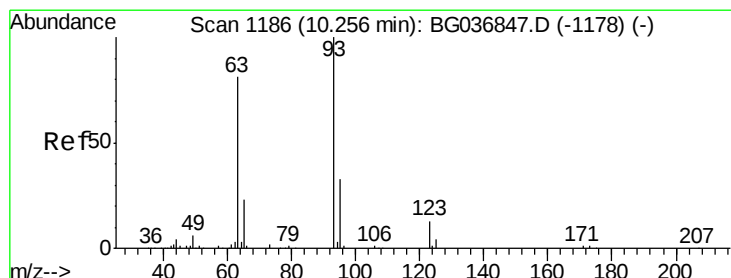
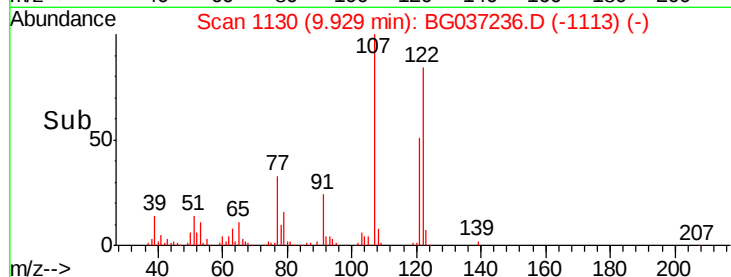
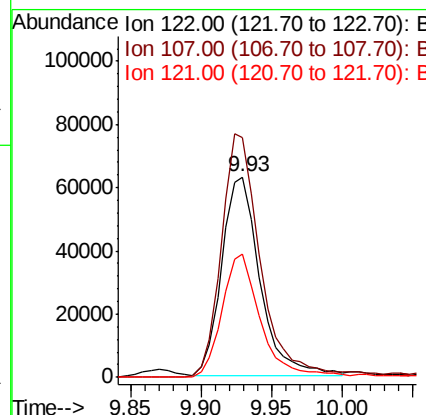
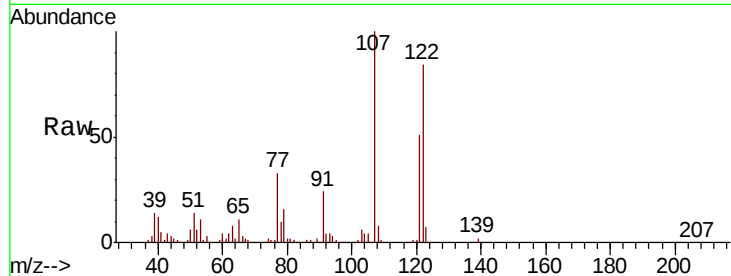




#27
 2,4-Dimethylphenol
 Concen: 59.471 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

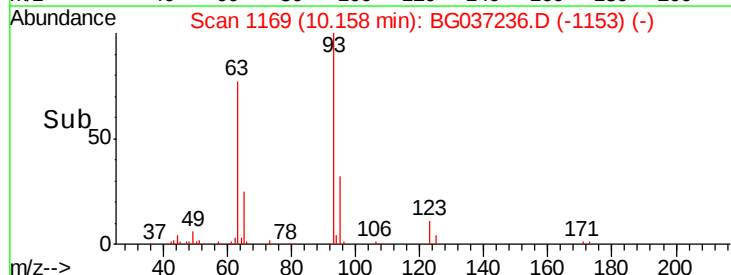
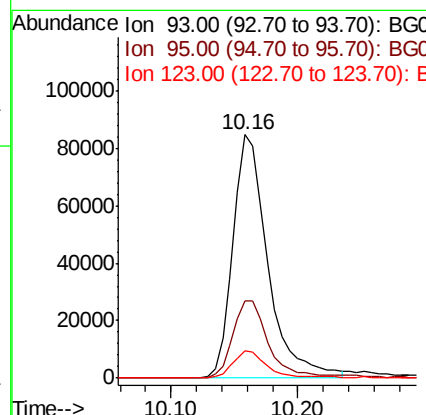
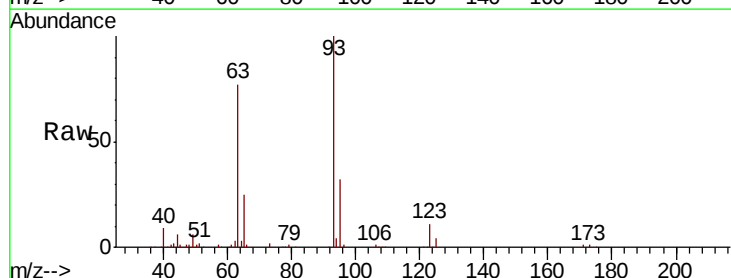
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

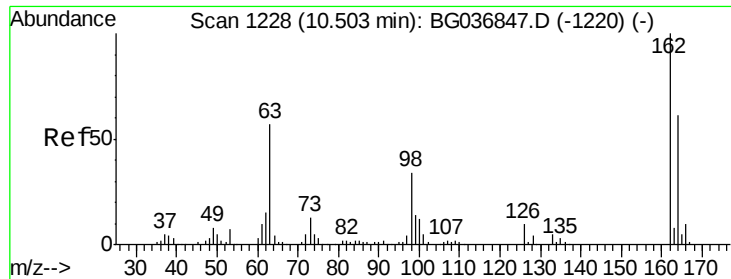
Tgt Ion:122 Resp: 118592
 Ion Ratio Lower Upper
 122 100
 107 119.5 96.0 144.0
 121 61.4 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.764 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion: 93 Resp: 161961
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.2 37.8
 123 11.1 8.6 12.8

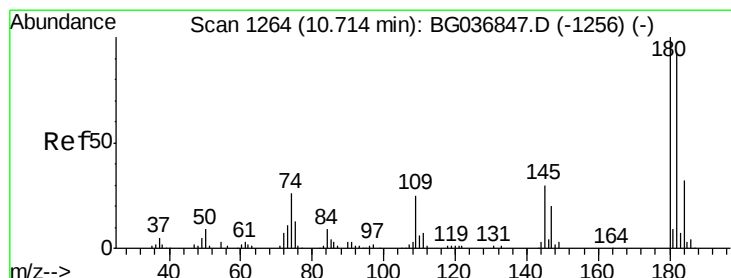
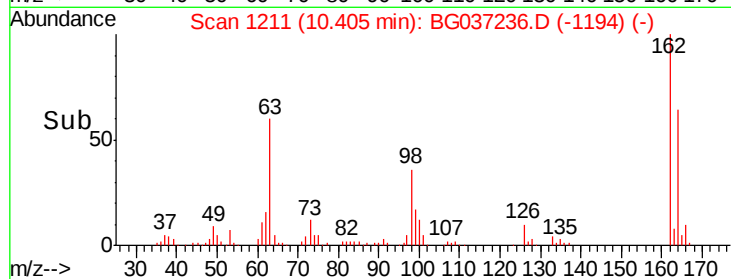
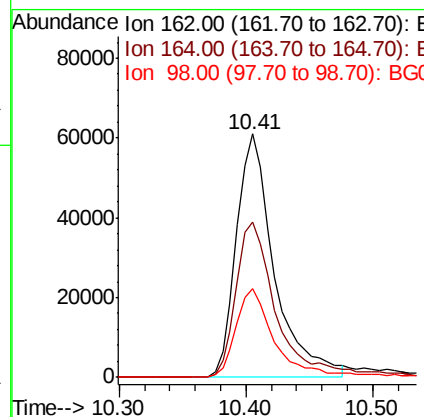
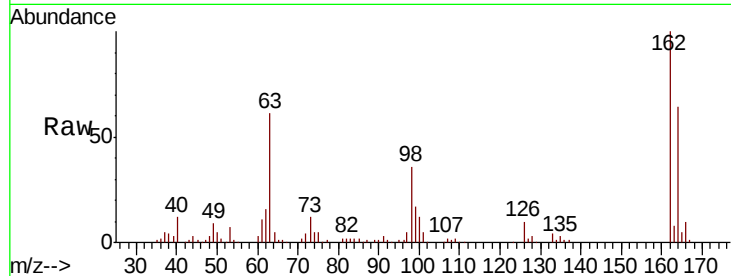




#29
 2,4-Dichlorophenol
 Concen: 54.618 ng
 RT: 10.41 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

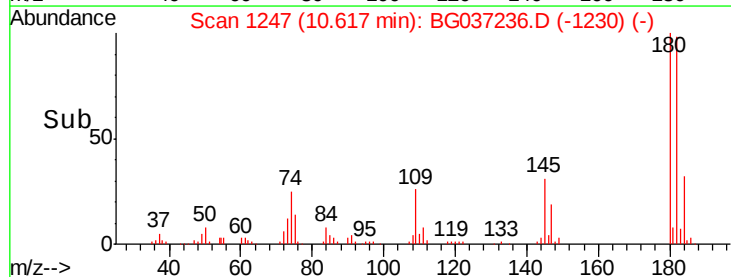
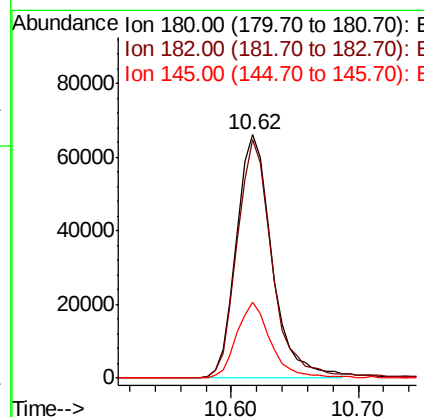
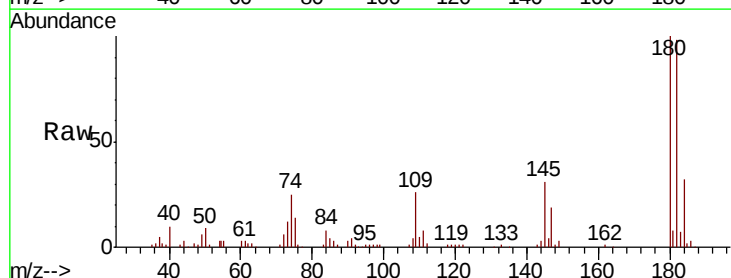
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

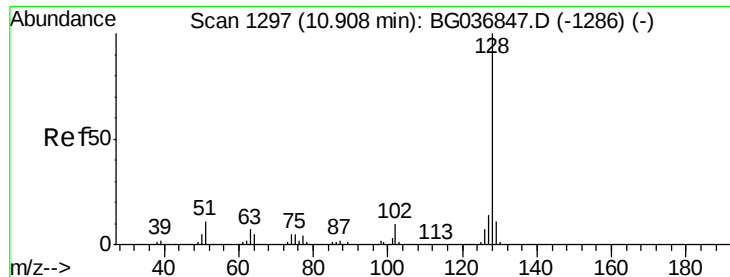
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	126257		
164	63.8	47.6	87.6	
98	36.3	19.2	59.2	



#30
 1,2,4-Trichlorobenzene
 Concen: 44.655 ng
 RT: 10.62 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129183		
182	97.7	76.0	114.0	
145	31.3	22.9	34.3	





#31

Naphthalene

Concen: 50.044 ng

RT: 10.80 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

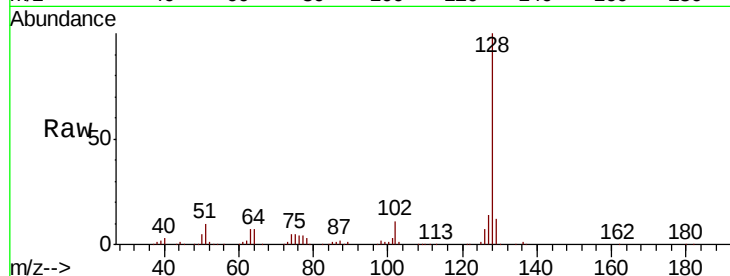
Tgt Ion:128 Resp: 383487

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

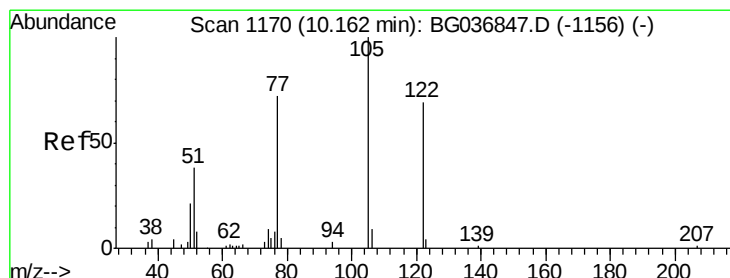
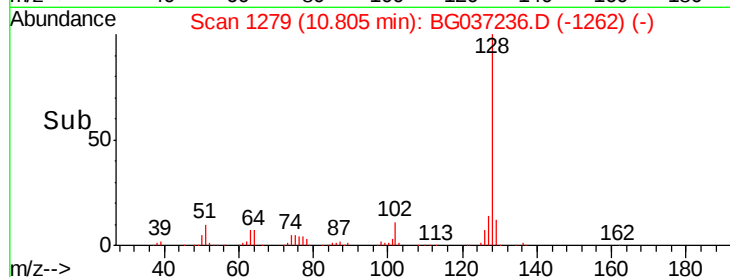
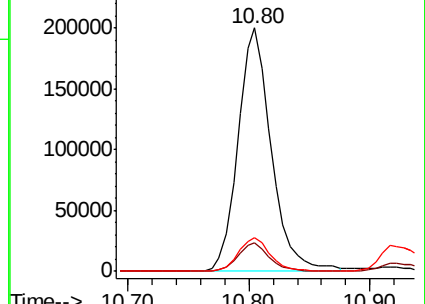
127 14.0 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 58.007 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

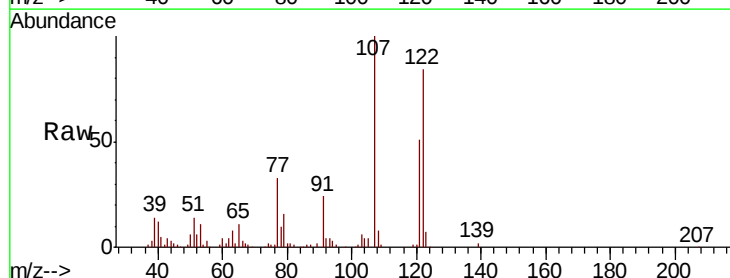
Tgt Ion:122 Resp: 90734

Ion Ratio Lower Upper

122 100

105 4.7 108.1 148.1#

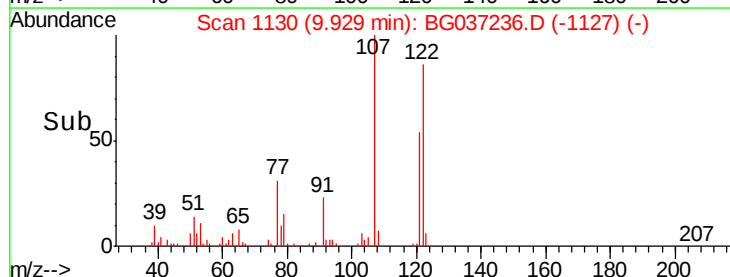
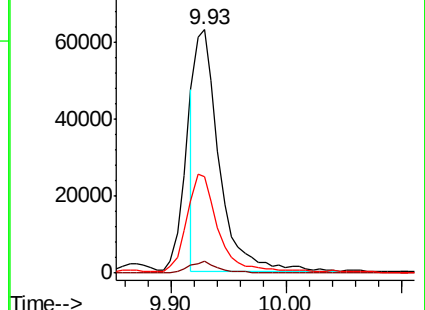
77 39.5 76.3 116.3#

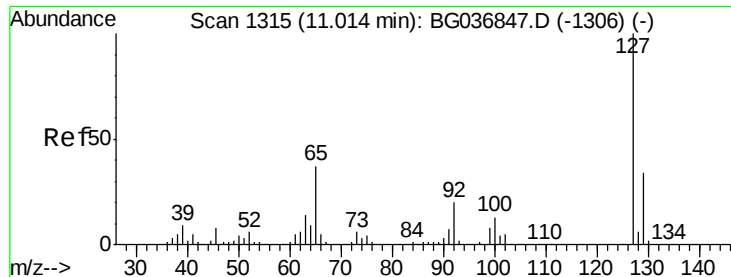


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

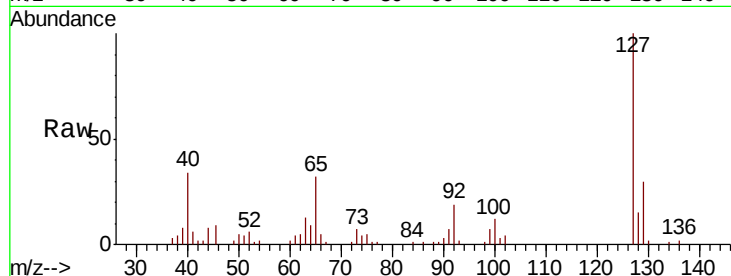




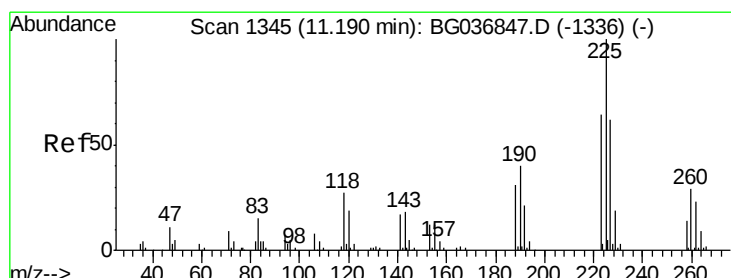
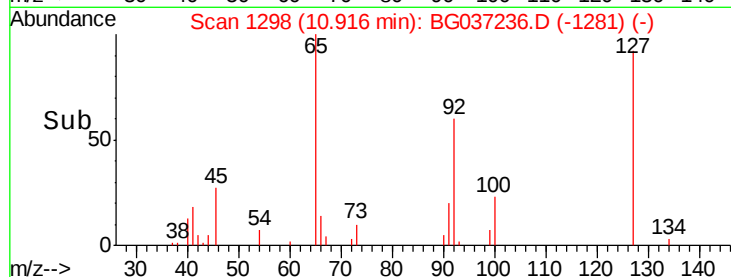
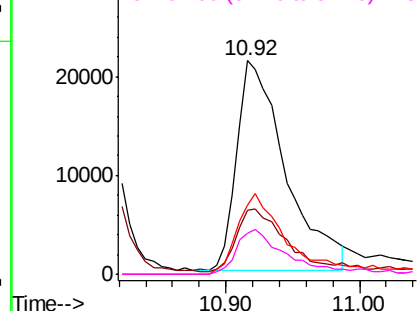
#33
4-Chloroaniline
Concen: 15.436 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tgt Ion:127 Resp: 53780
Ion Ratio Lower Upper
127 100
129 29.7 25.9 38.9
65 32.1 27.5 41.3
92 19.3 16.2 24.2

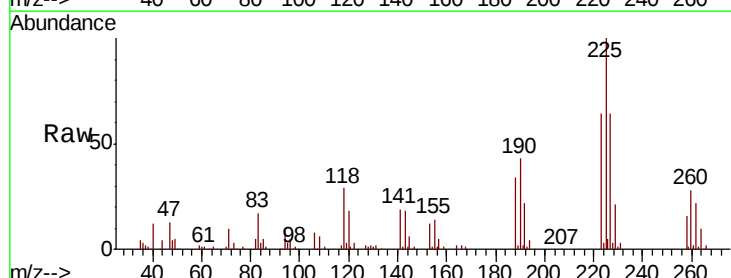


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

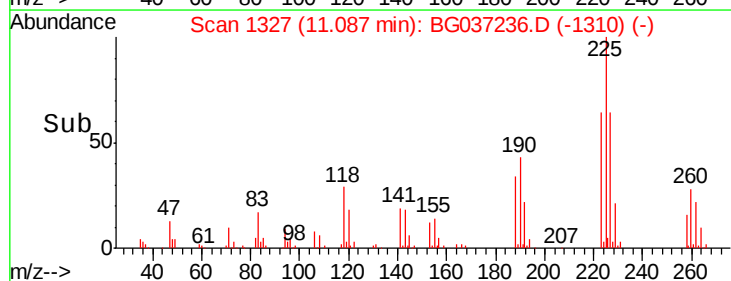
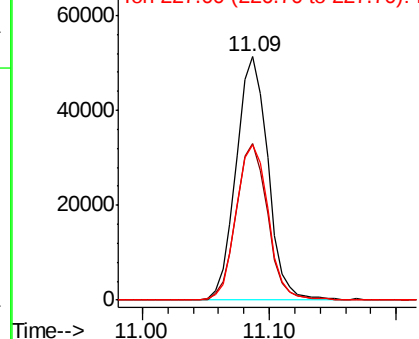


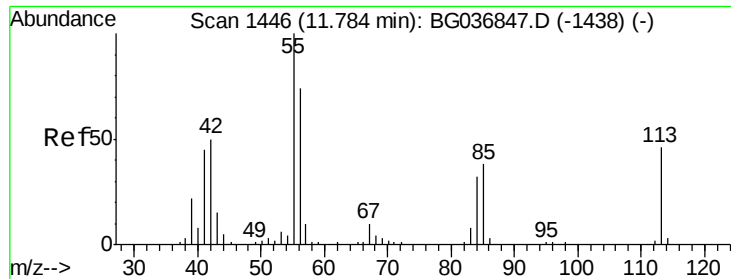
#34
Hexachlorobutadiene
Concen: 44.373 ng
RT: 11.09 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:225 Resp: 88771
Ion Ratio Lower Upper
225 100
223 64.2 51.8 77.8
227 64.0 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

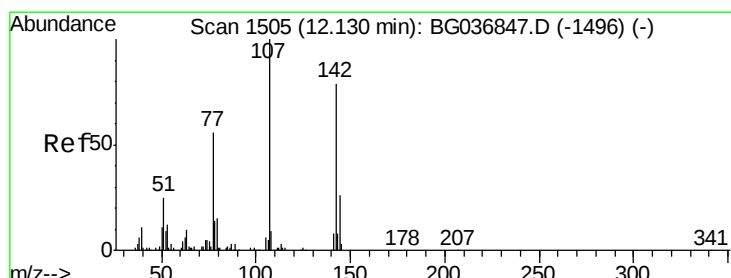
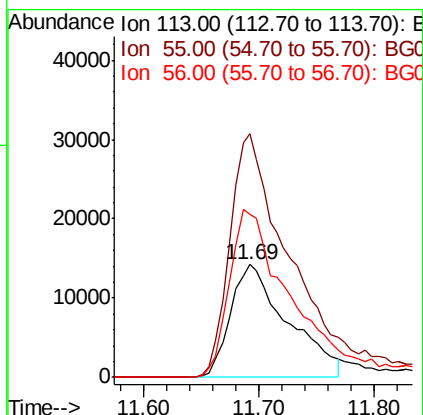
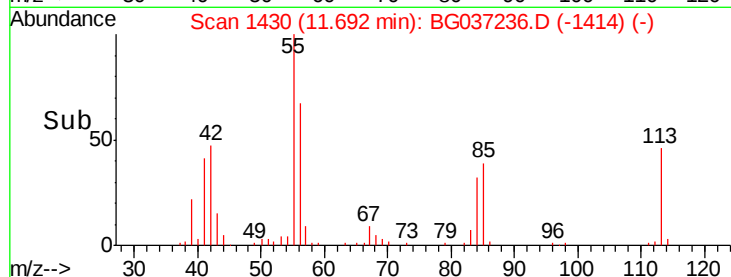
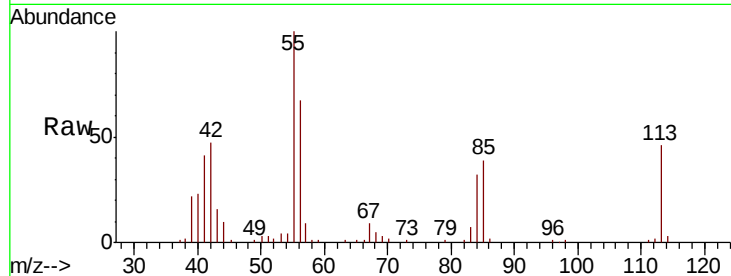




#35
 Caprolactam
 Concen: 51.398 ng
 RT: 11.69 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

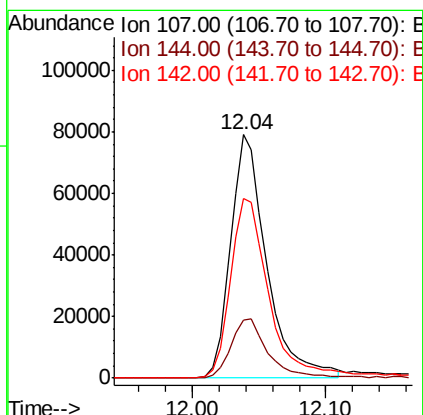
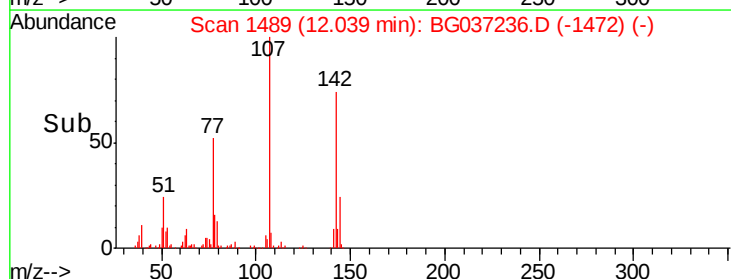
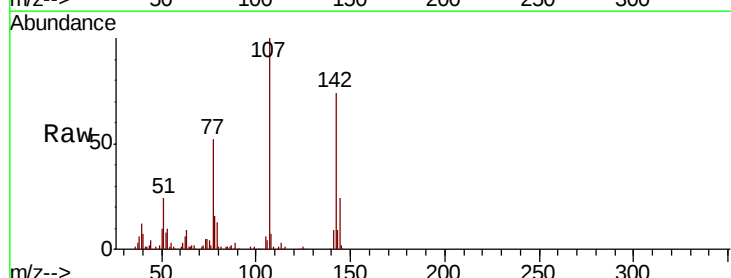
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

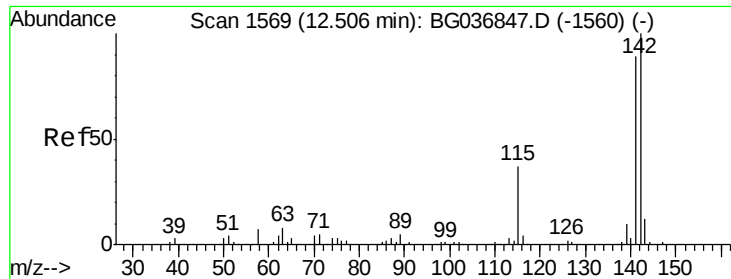
Tgt Ion:113 Resp: 48902
 Ion Ratio Lower Upper
 113 100
 55 216.0 197.7 237.7
 56 144.2 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 54.117 ng
 RT: 12.04 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion:107 Resp: 149269
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.5 29.3
 142 73.6 62.4 93.6

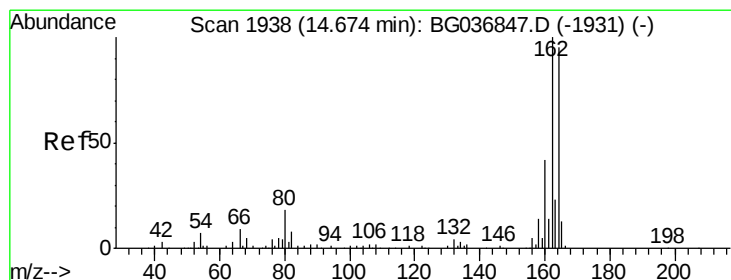
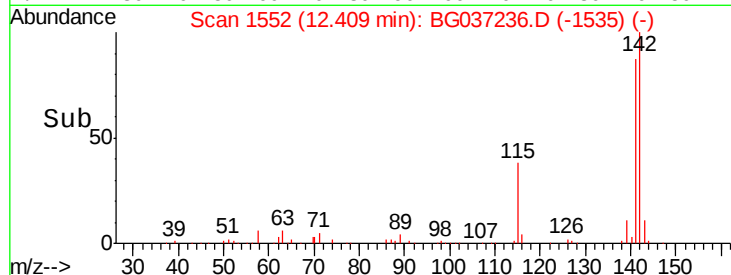
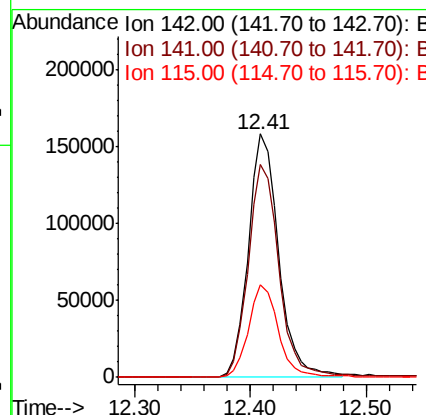
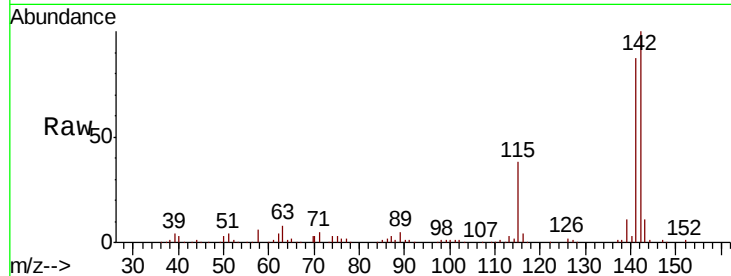




#37
 2-Methylnaphthalene
 Concen: 49.745 ng
 RT: 12.41 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

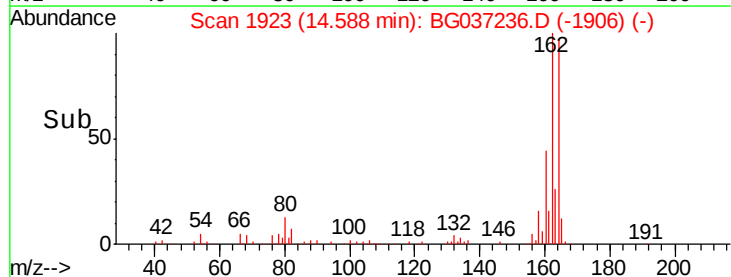
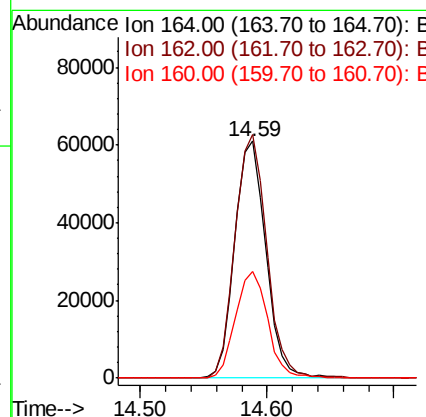
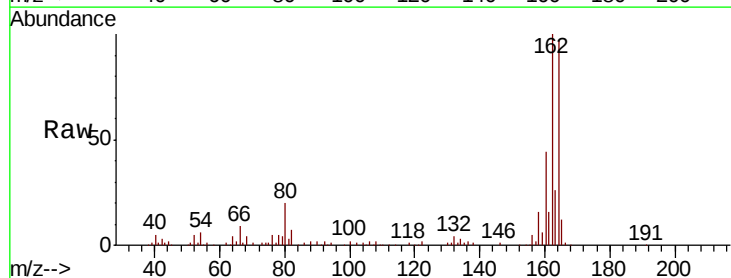
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

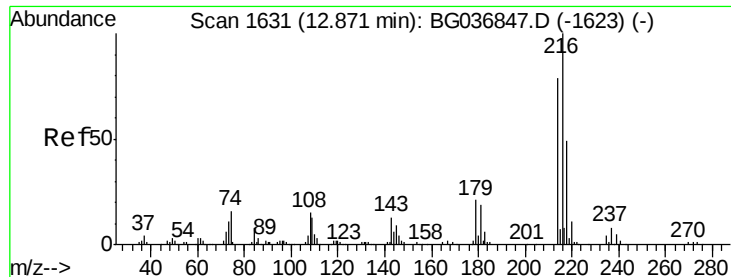
Tgt Ion:142 Resp: 290325
 Ion Ratio Lower Upper
 142 100
 141 87.2 68.5 102.7
 115 38.0 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion:164 Resp: 103391
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.7 121.1
 160 44.9 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.532 ng

RT: 12.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

Tgt Ion:216 Resp: 164193

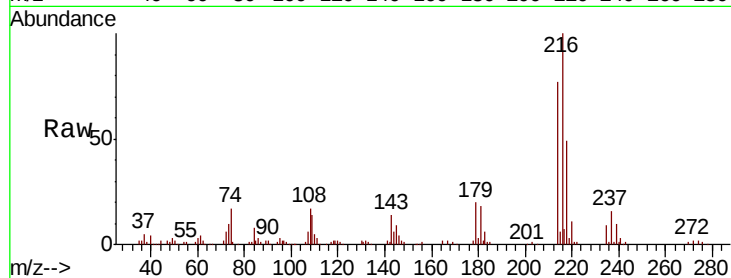
Ion Ratio Lower Upper

216 100

214 76.7 61.0 91.6

179 19.6 15.7 23.5

108 19.1 13.1 19.7

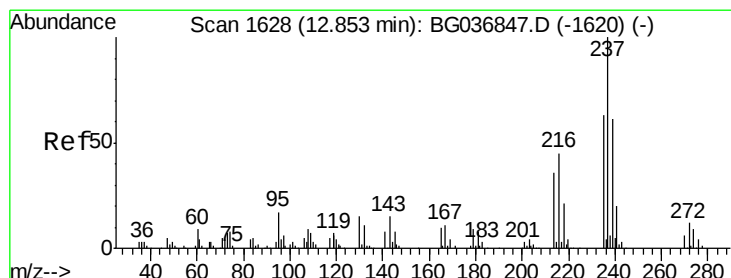
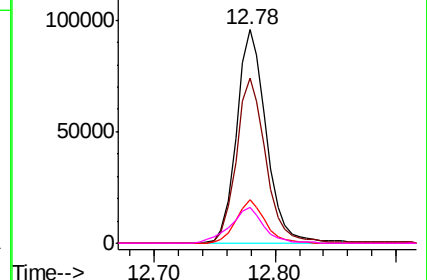
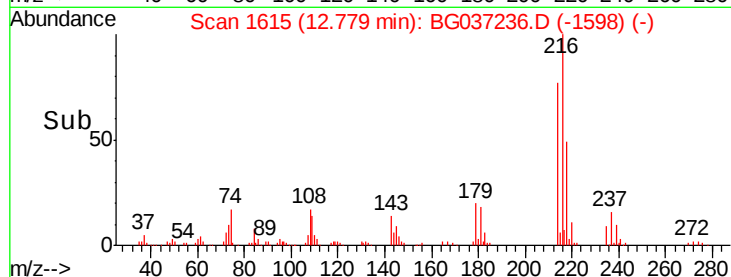


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 102.159 ng

RT: 12.76 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

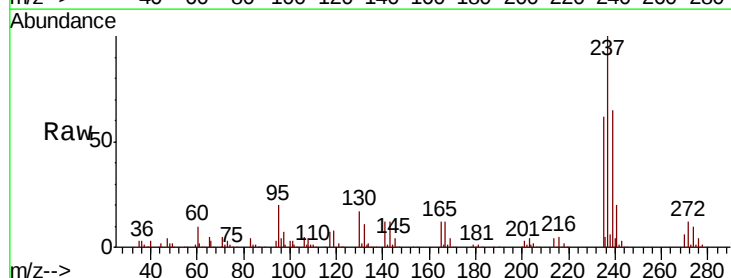
Tgt Ion:237 Resp: 189467

Ion Ratio Lower Upper

237 100

235 62.2 42.2 82.2

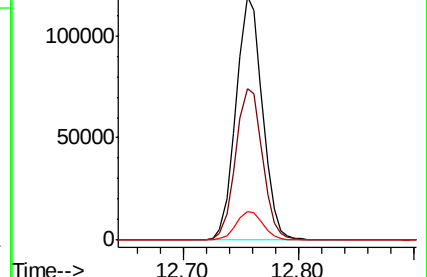
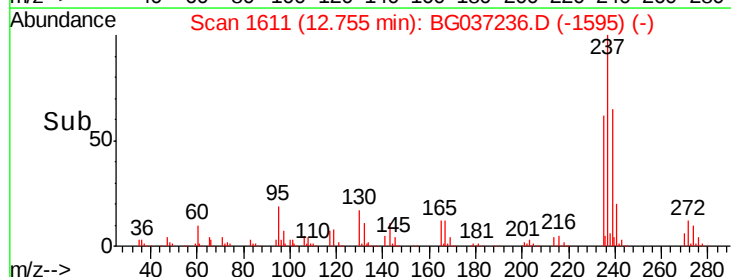
272 11.8 0.0 32.1

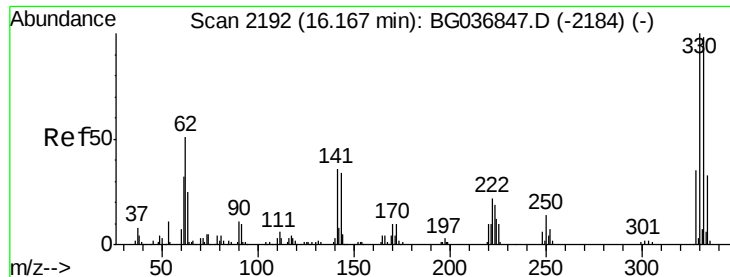


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.768 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampled :

PB113678BS

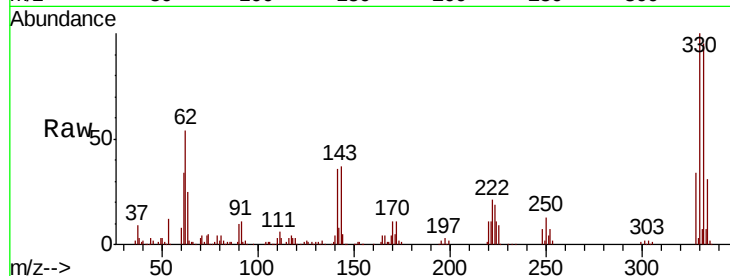
Tgt Ion:330 Resp: 195160

Ion Ratio Lower Upper

330 100

332 95.6 75.4 113.2

141 40.2 30.7 46.1

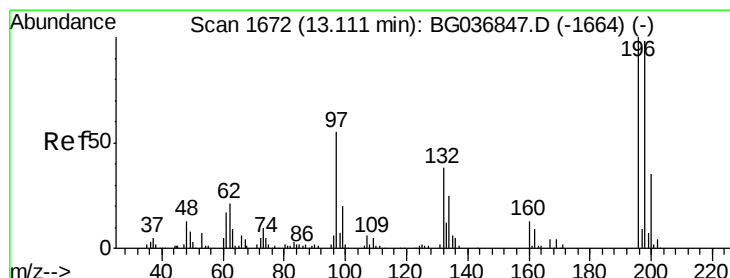
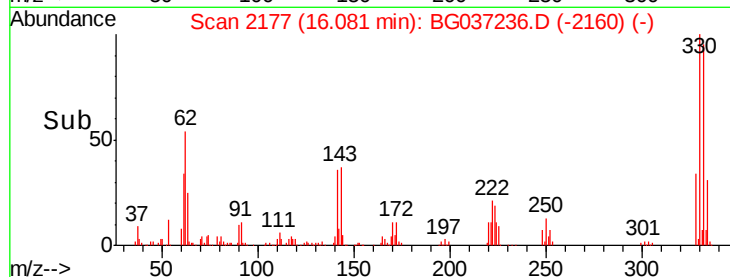
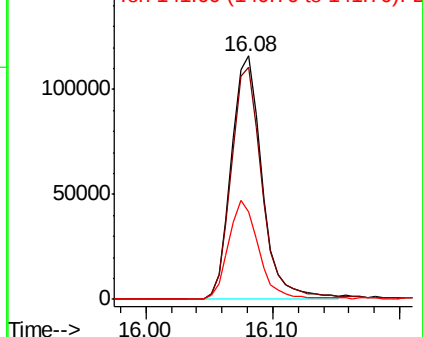


Abundance

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: 62.265 ng

RT: 13.02 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

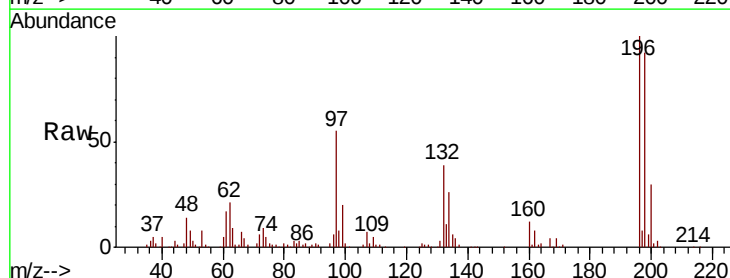
Tgt Ion:196 Resp: 124684

Ion Ratio Lower Upper

196 100

198 91.6 77.2 115.8

200 30.4 26.3 39.5

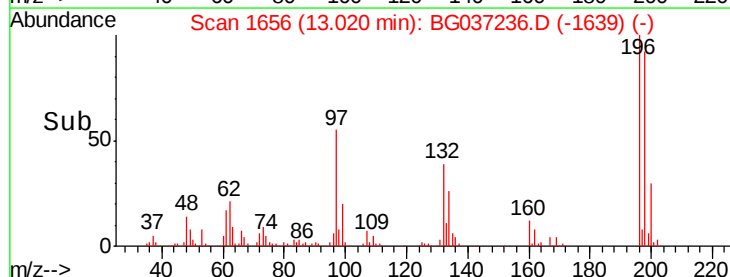
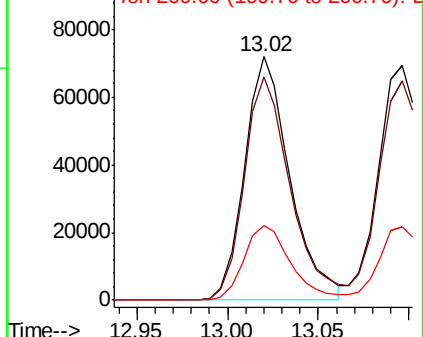


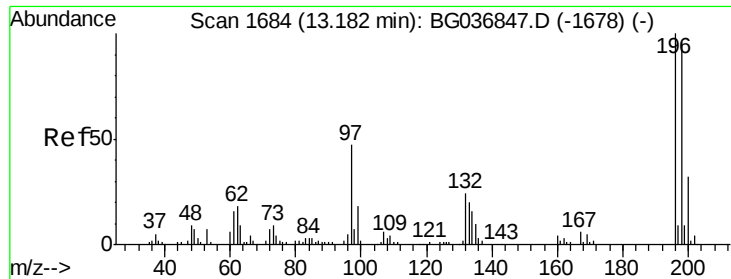
Abundance

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

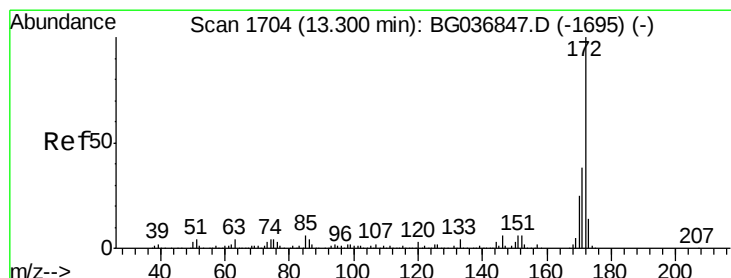
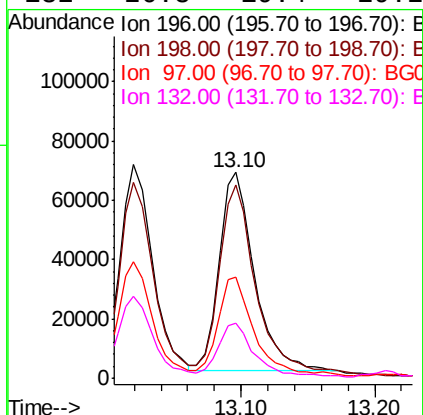
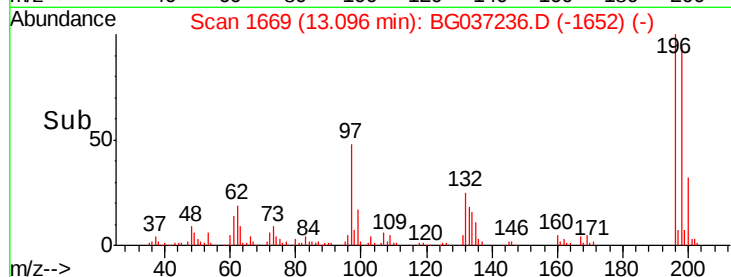
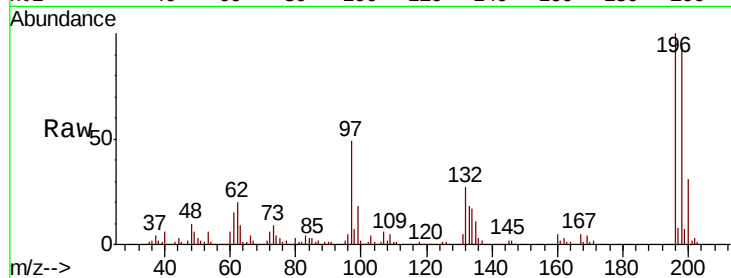




#43
 2,4,5-Trichlorophenol
 Concen: 57.720 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

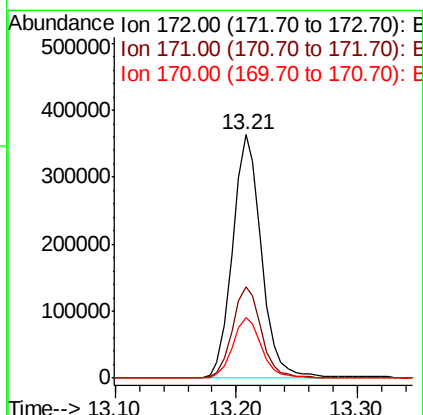
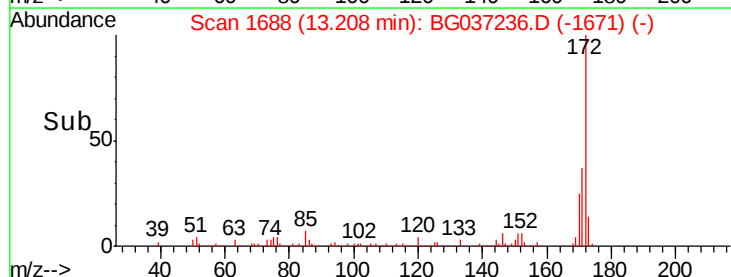
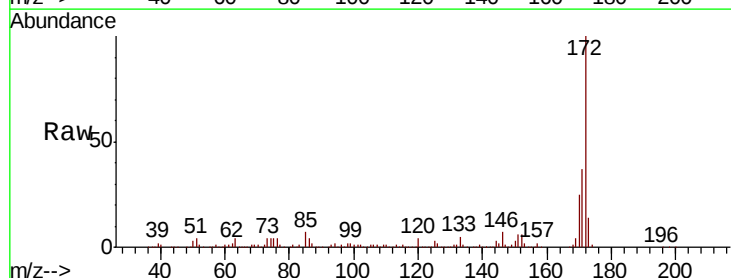
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

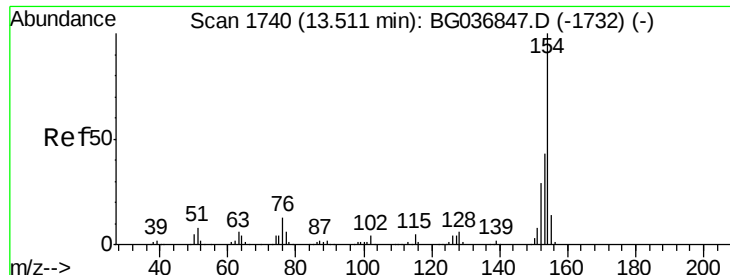
Tgt Ion:	196	Resp:	123247
Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.6	113.4
97	49.2	37.2	55.8
132	26.8	19.4	29.2



#44
 2-Fluorobiphenyl
 Concen: 87.227 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion:	172	Resp:	605514
Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	25.1	21.0	31.6

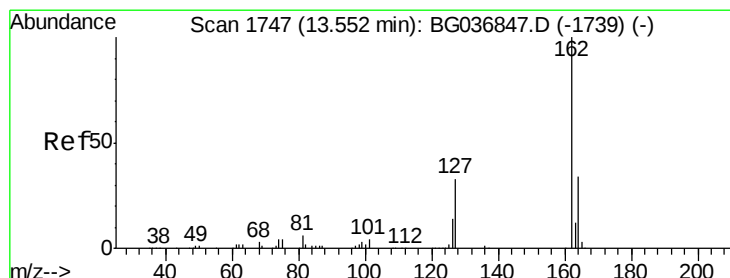
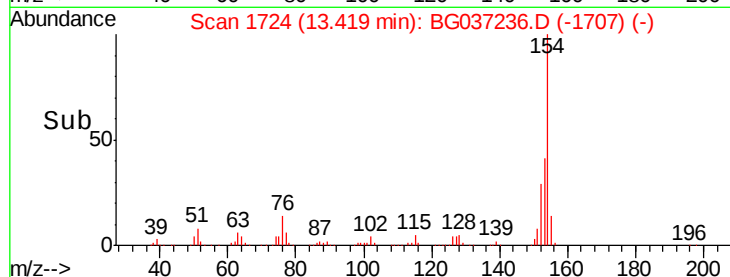
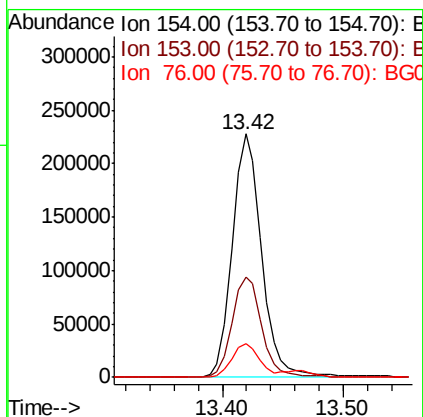
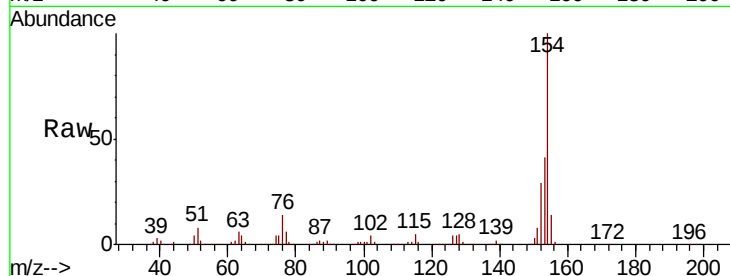




#45
 1,1'-Biphenyl
 Concen: 48.519 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

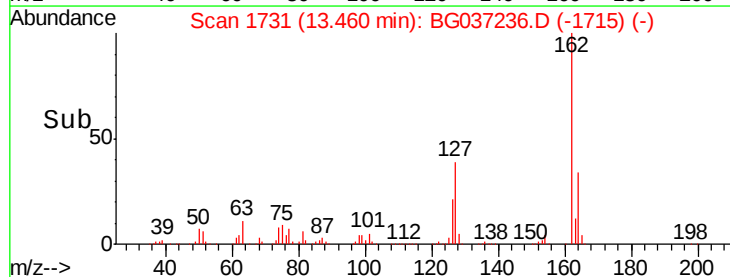
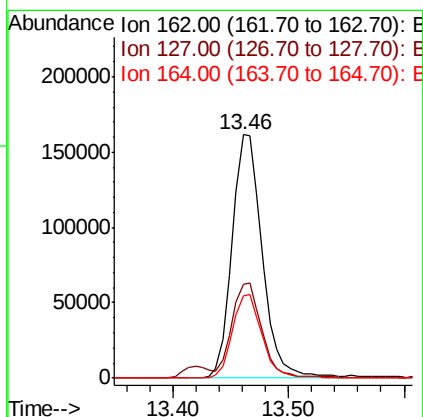
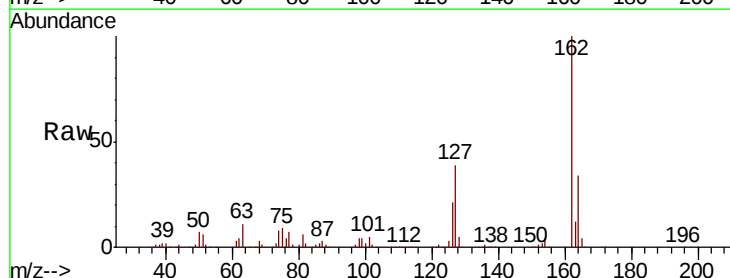
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

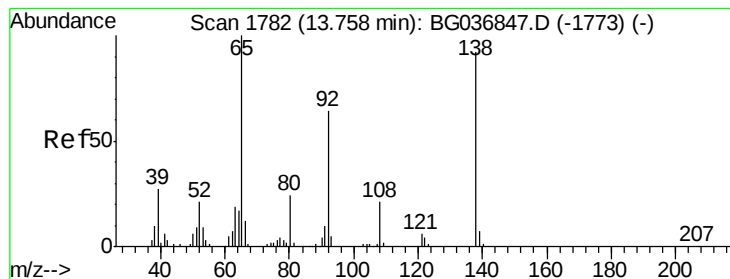
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	24.0	64.0
76	14.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 47.050 ng
 RT: 13.46 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	30.7	46.1
164	33.8	26.7	40.1





#47

2-Nitroaniline

Concen: 52.137 ng

RT: 13.67 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

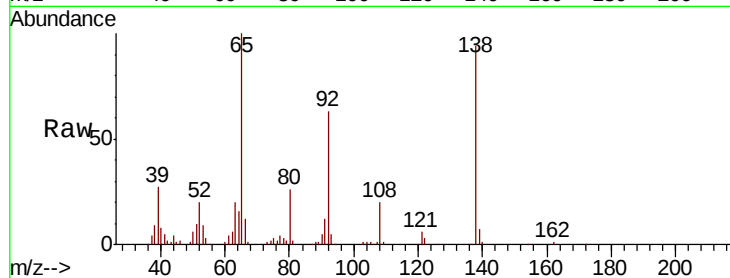
Tgt Ion: 65 Resp: 112294

Ion Ratio Lower Upper

65 100

92 63.3 49.9 74.9

138 93.7 76.2 114.4

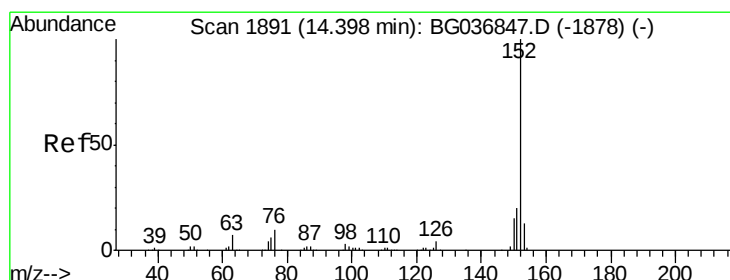
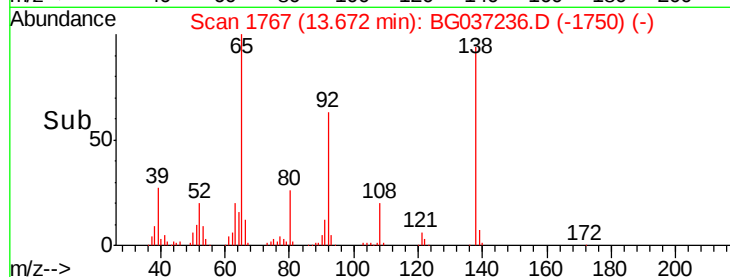
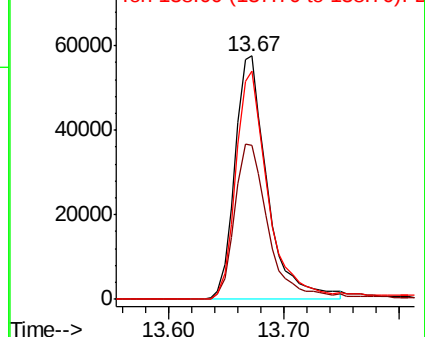


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 52.481 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

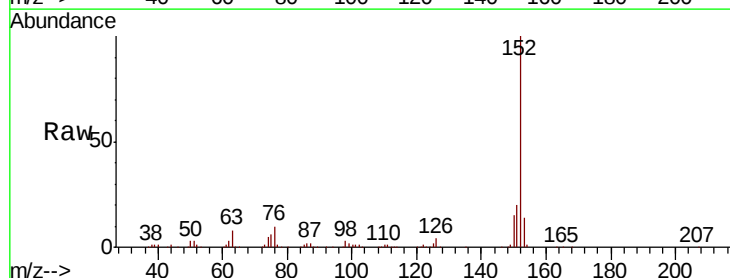
Tgt Ion: 152 Resp: 512105

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

153 13.6 11.2 16.8

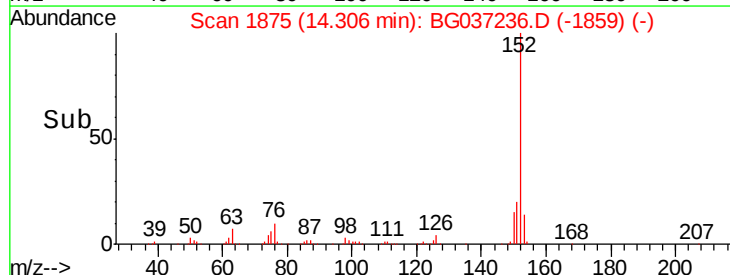
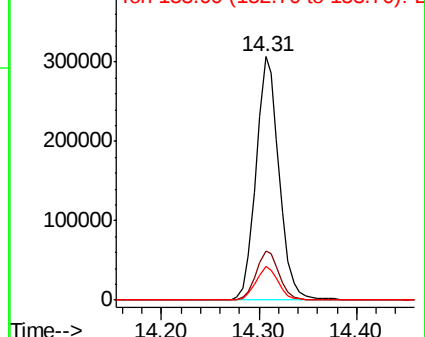


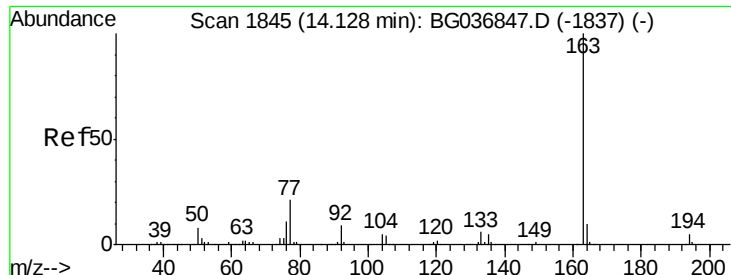
Abundance

Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 50.441 ng

RT: 14.04 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

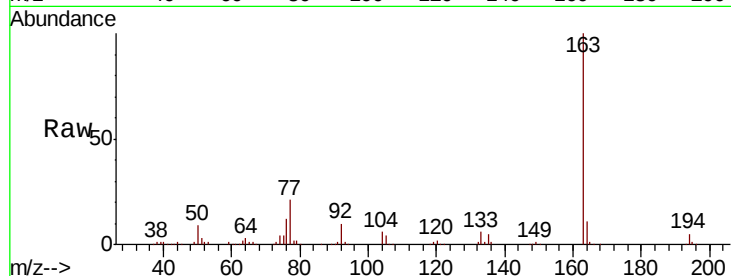
Tgt Ion:163 Resp: 419780

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

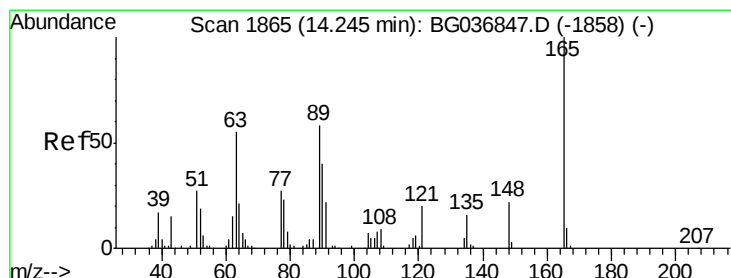
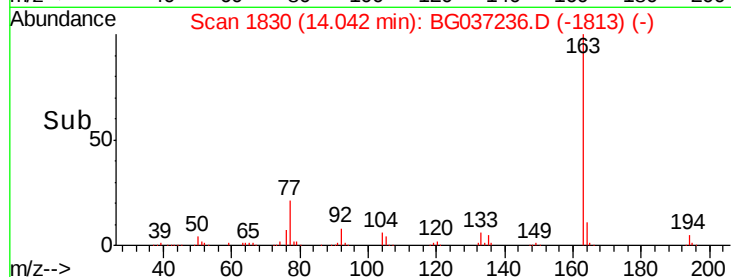
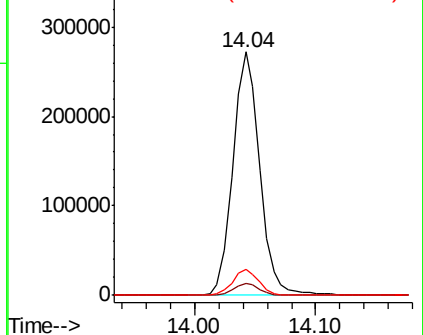
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.057 ng

RT: 14.17 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

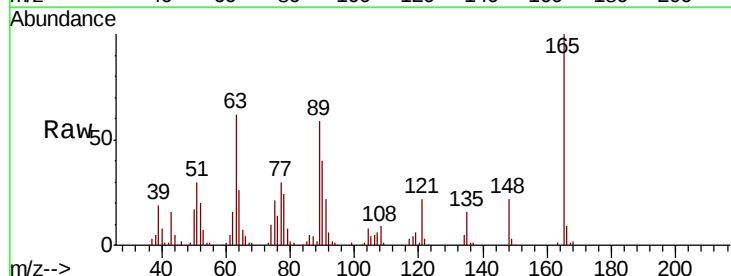
Tgt Ion:165 Resp: 92708

Ion Ratio Lower Upper

165 100

63 61.7 50.1 75.1

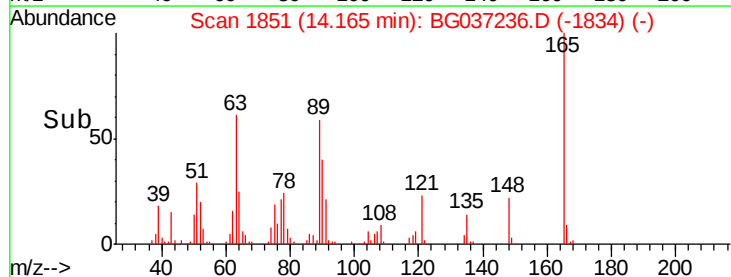
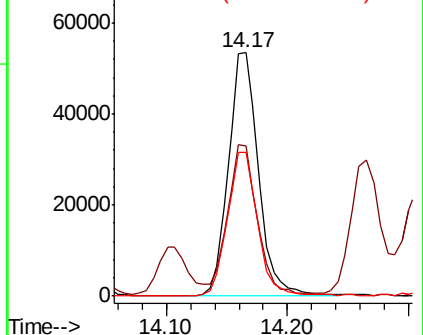
89 58.9 47.8 71.6

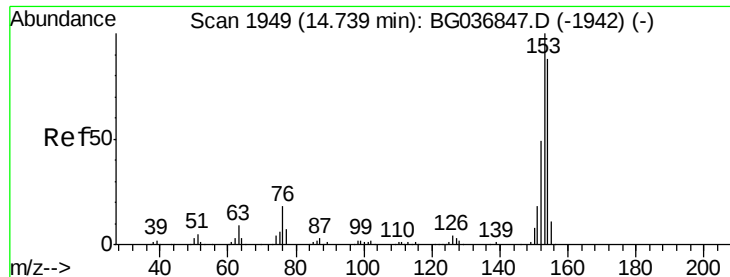


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.030 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

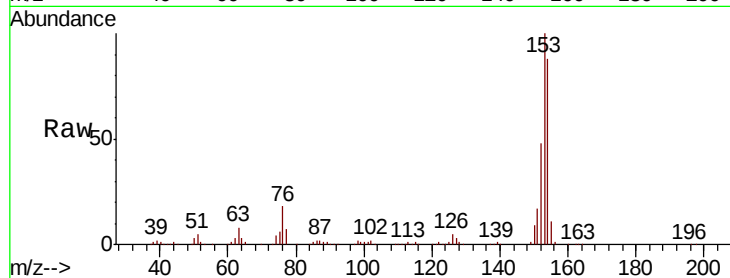
Tgt Ion:154 Resp: 295047

Ion Ratio Lower Upper

154 100

153 114.3 91.8 137.6

152 54.7 43.5 65.3

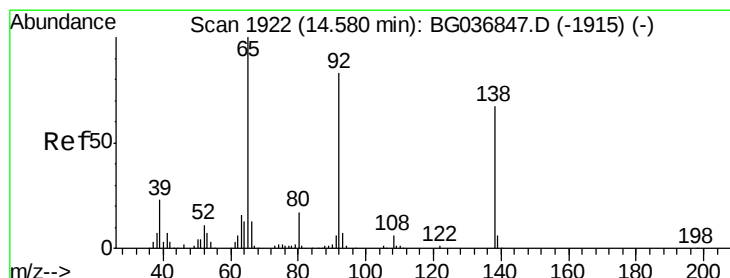
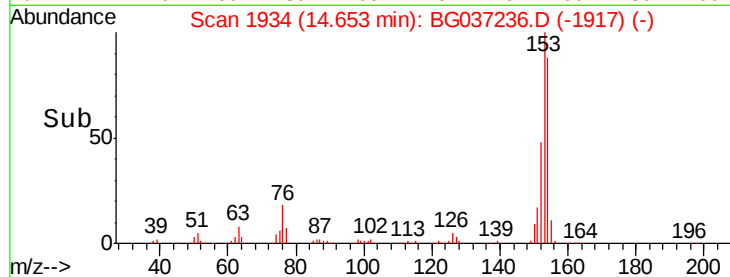
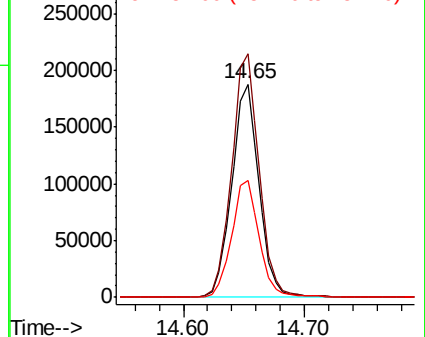


Abundance

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: 22.788 ng

RT: 14.50 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

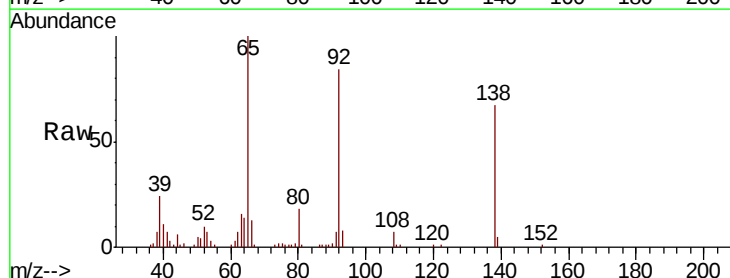
Tgt Ion:138 Resp: 43603

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.2

92 126.5 96.8 145.2

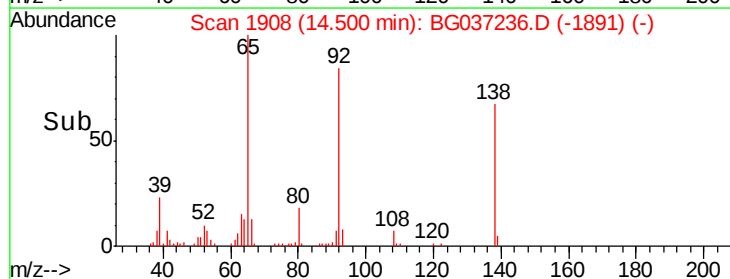
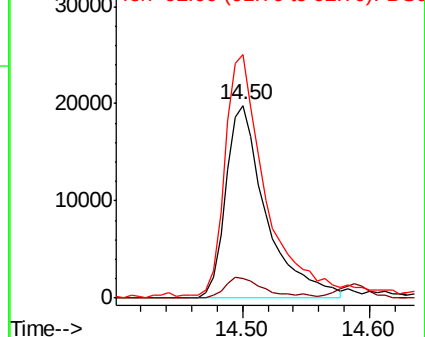


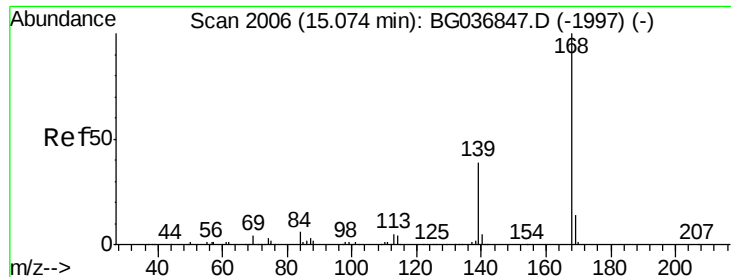
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

Dibenzofuran

Concen: 48.659 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

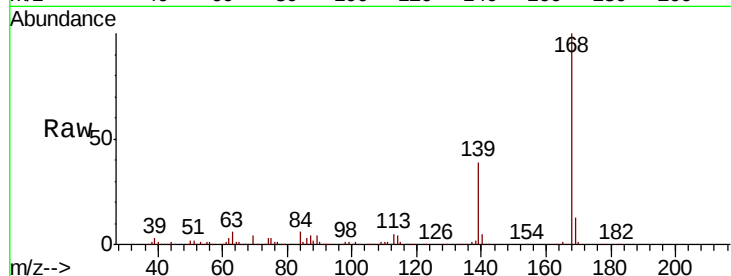
Tgt Ion:168 Resp: 485385

Ion Ratio Lower Upper

168 100

139 38.9 31.0 46.6

169 13.1 11.1 16.7

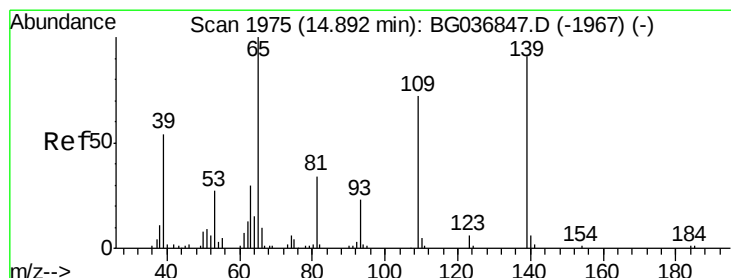
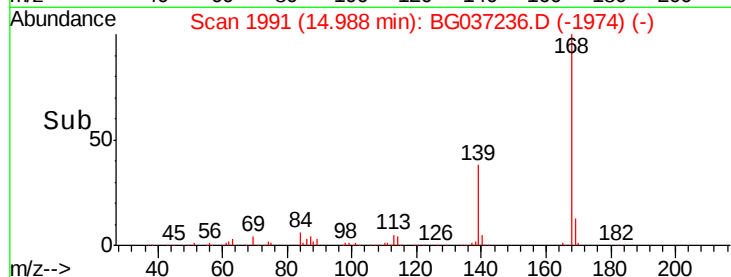
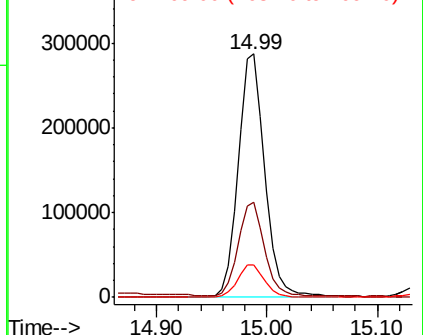


Abundance

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: 92.362 ng

RT: 14.81 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

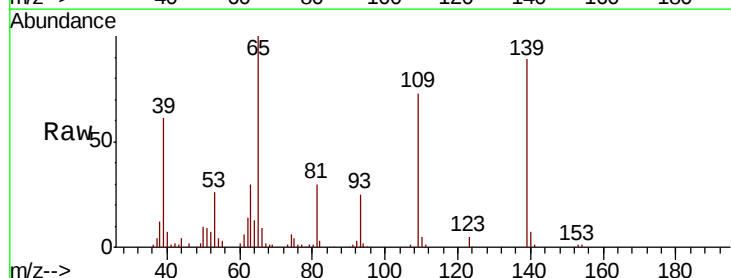
Tgt Ion:139 Resp: 112898

Ion Ratio Lower Upper

139 100

109 81.7 63.9 103.9

65 112.4 90.0 130.0

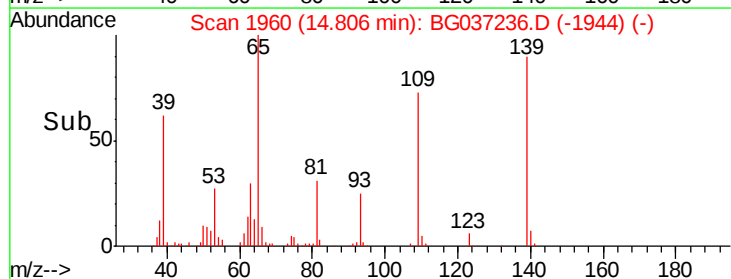
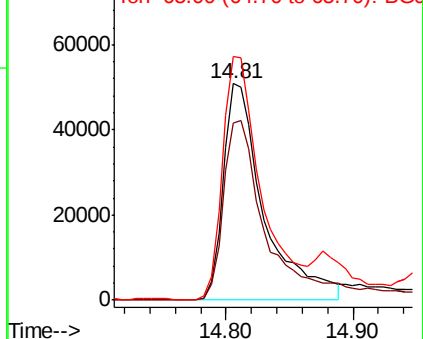


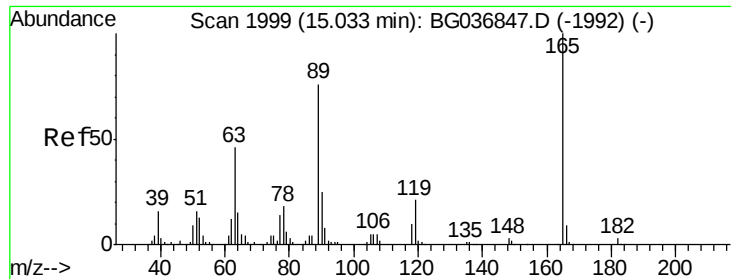
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

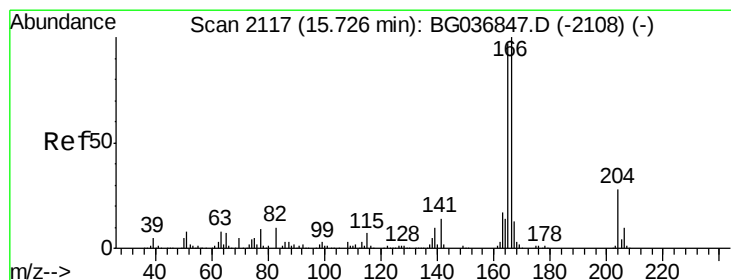
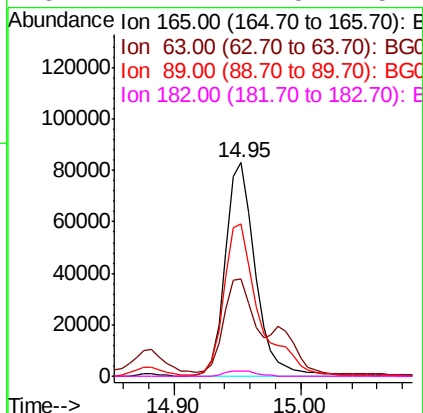
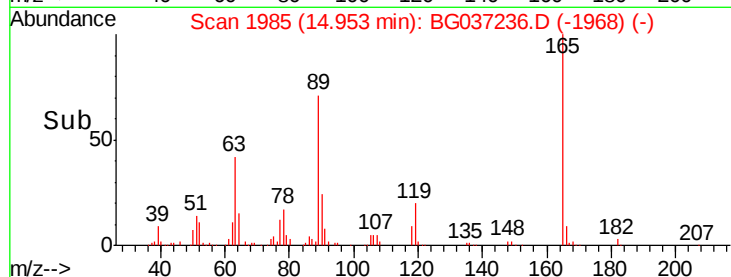
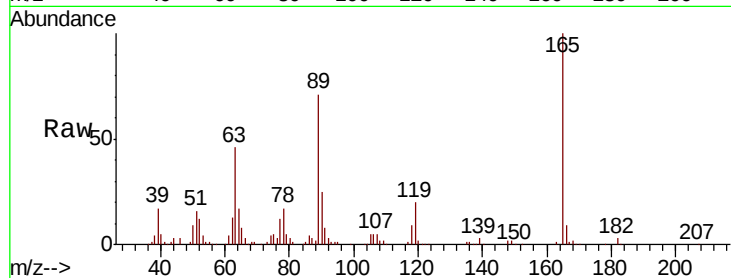




#56
2,4-Dinitrotoluene
Concen: 53.770 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

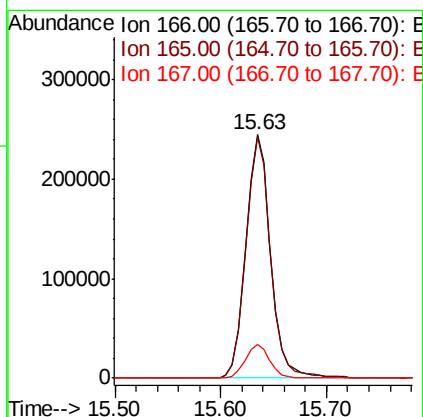
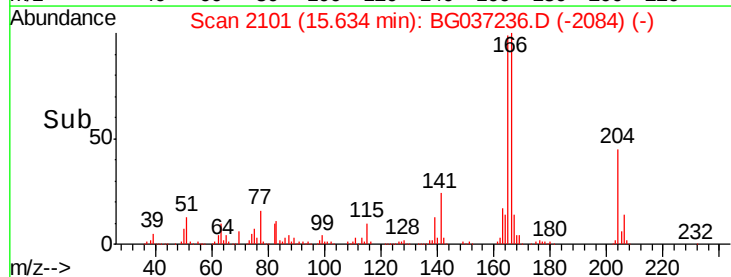
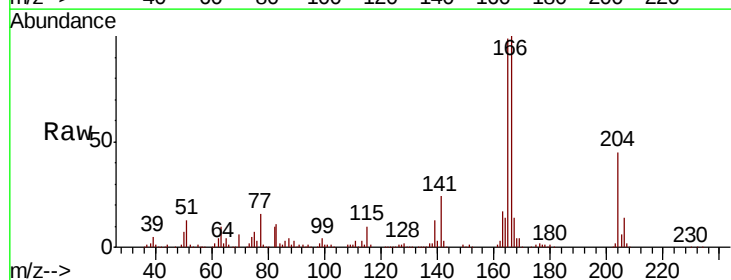
Instrument :
BNA_G
ClientSampleId :
PB113678BS

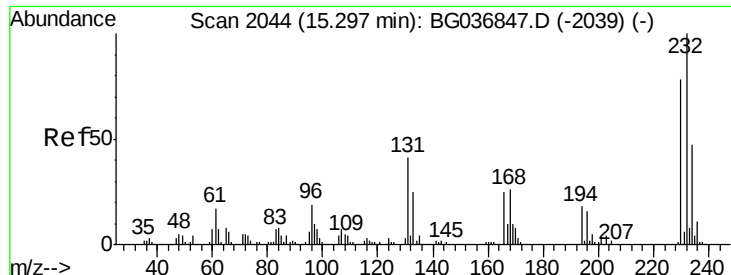
Tgt Ion:165 Resp: 136237
Ion Ratio Lower Upper
165 100
63 45.7 40.1 60.1
89 71.1 63.7 95.5
182 2.7 2.5 3.7



#57
Fluorene
Concen: 53.281 ng
RT: 15.63 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:166 Resp: 397258
Ion Ratio Lower Upper
166 100
165 99.2 77.0 115.4
167 14.0 10.6 16.0

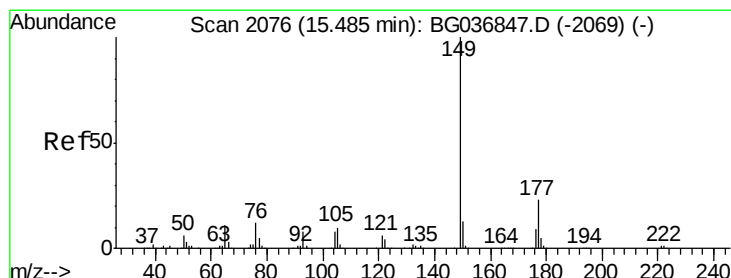
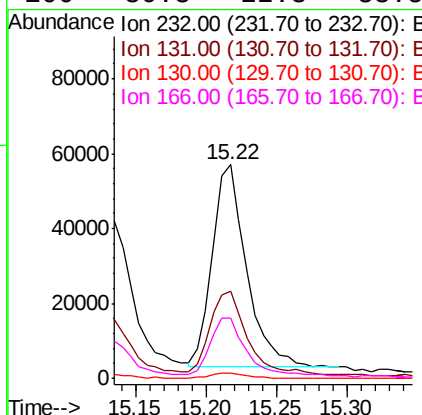
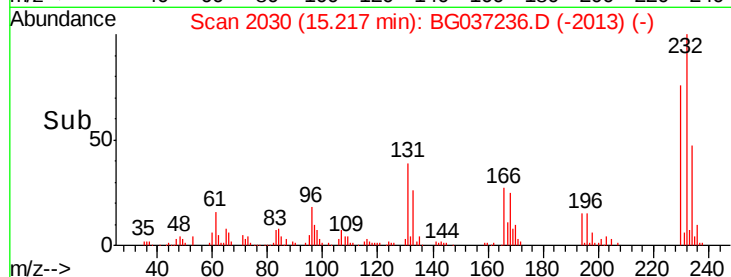
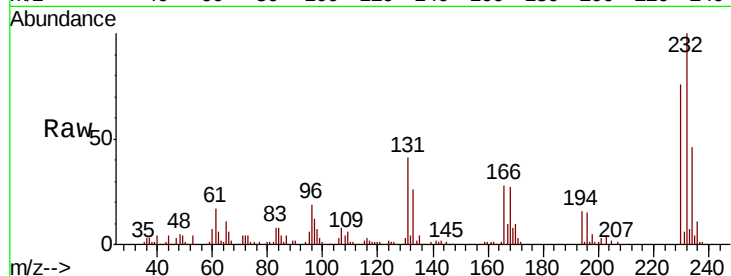




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.392 ng
 RT: 15.22 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

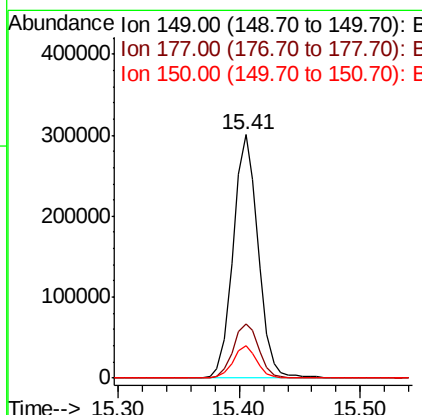
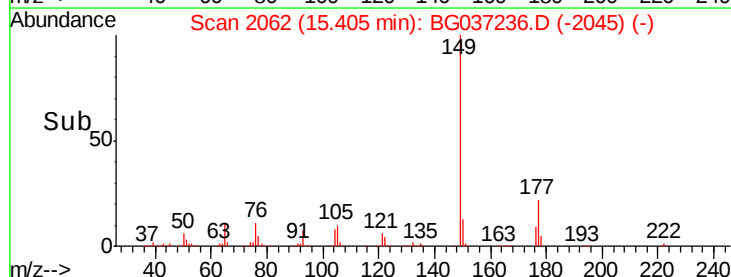
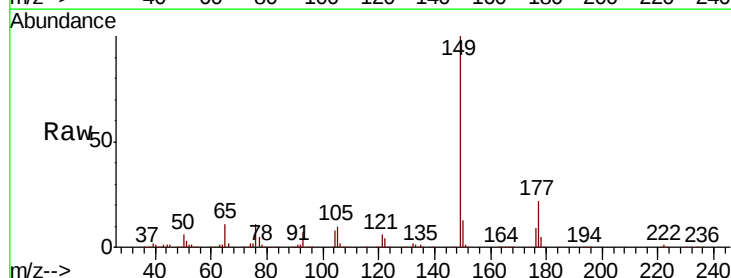
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

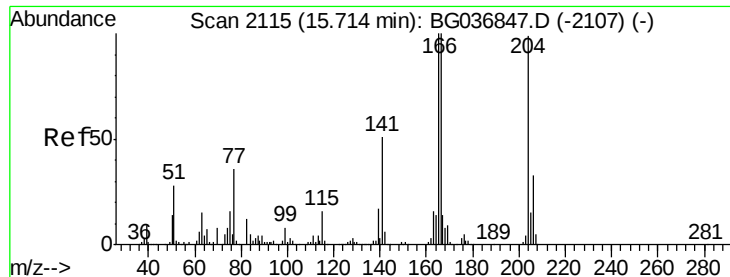
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.8	50.8
130	2.7	2.1	3.1
166	30.3	22.3	33.5



#59
 Diethylphthalate
 Concen: 51.619 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.1	28.7
150	13.1	10.7	16.1

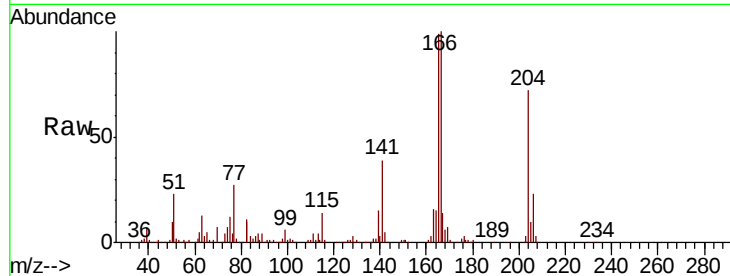




#60
 4-Chlorophenyl-phenylether
 Concen: 46.166 ng
 RT: 15.63 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	27.0	40.4
141	55.2	43.8	65.6

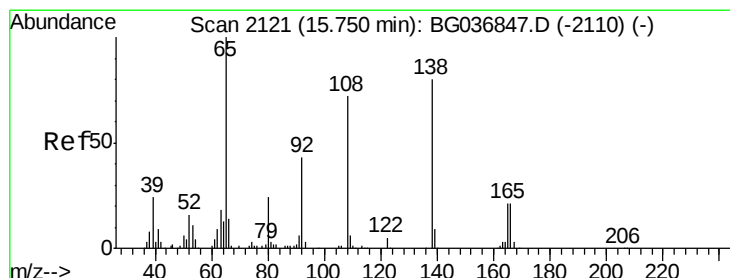
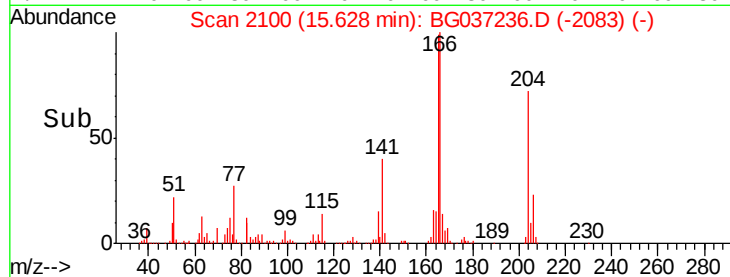
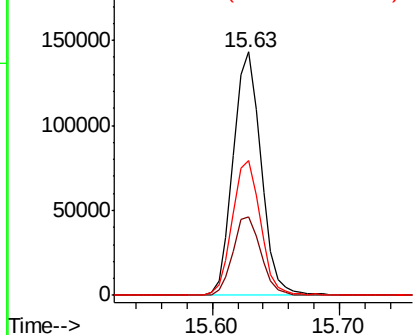


Abundance

Ion 204.00 (203.70 to 204.70): E

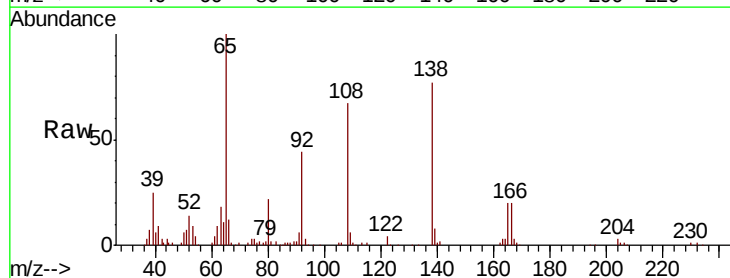
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
 4-Nitroaniline
 Concen: 53.674 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	38.5	78.5
108	87.7	70.3	110.3

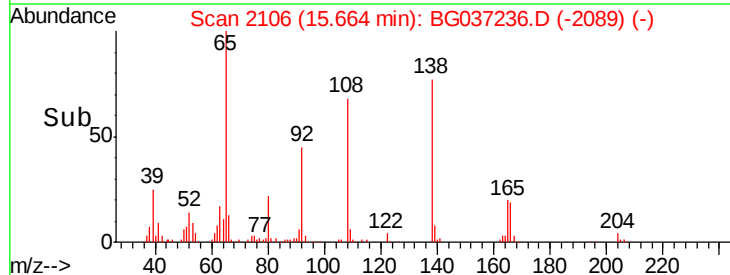
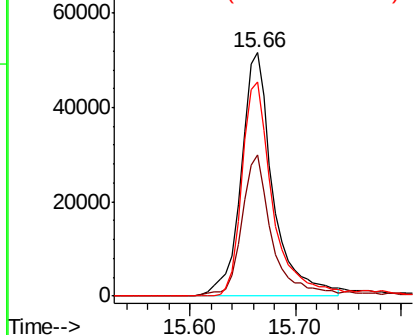


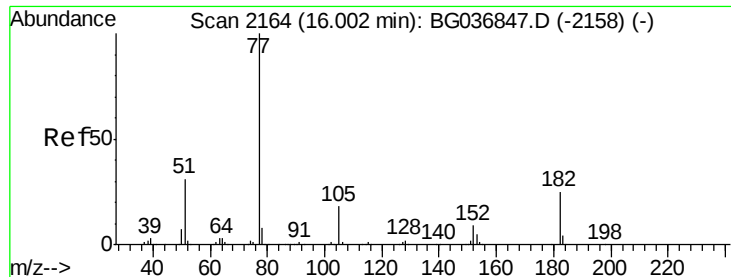
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 52.356 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

Tgt Ion: 77 Resp: 422269

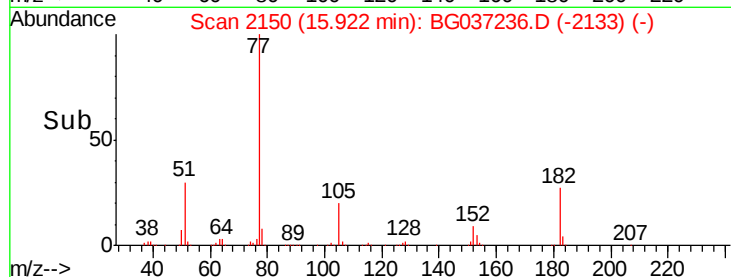
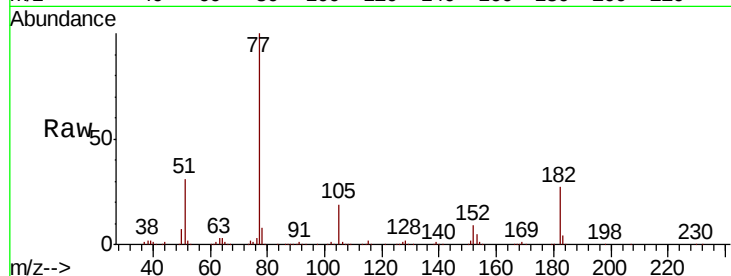
Ion Ratio Lower Upper

77 100

182 26.6 6.7 46.7

105 19.5 0.0 39.8

51 31.2 12.4 52.4

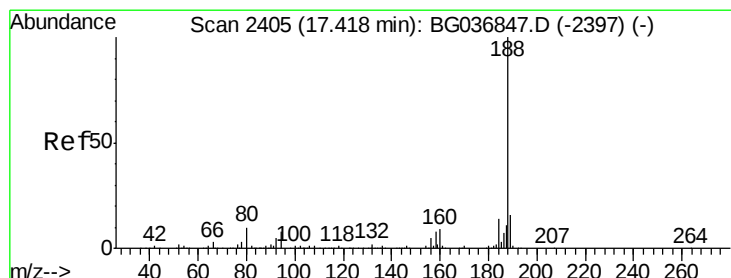
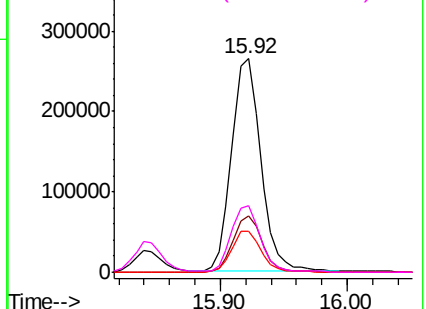


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

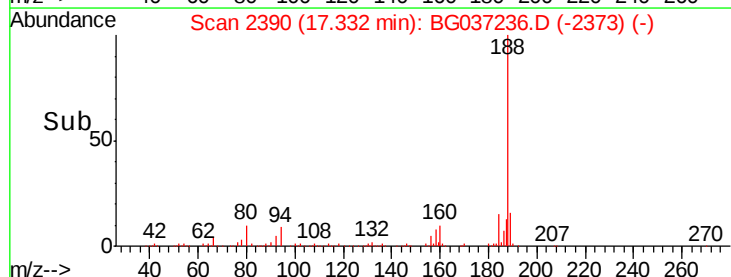
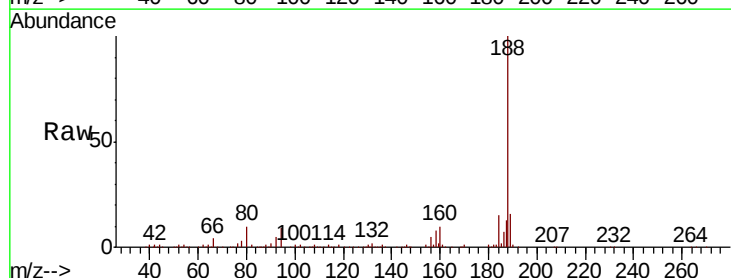
Tgt Ion: 188 Resp: 280736

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

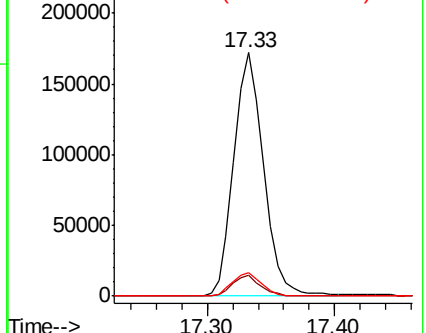
80 9.9 8.1 12.1

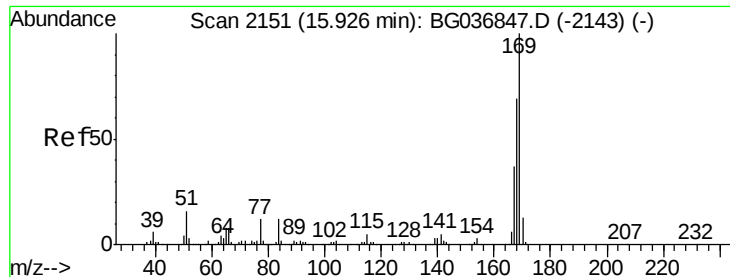


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

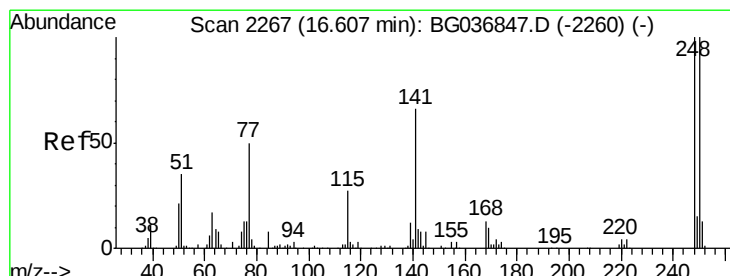
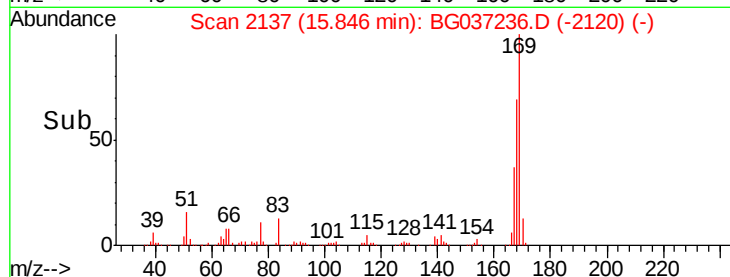
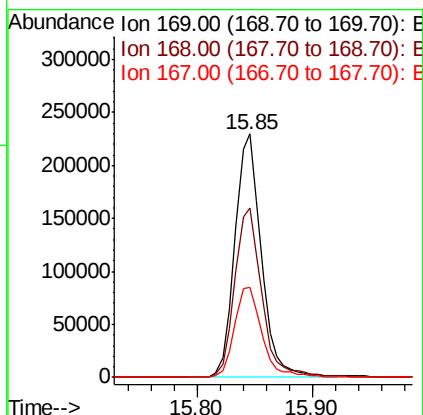
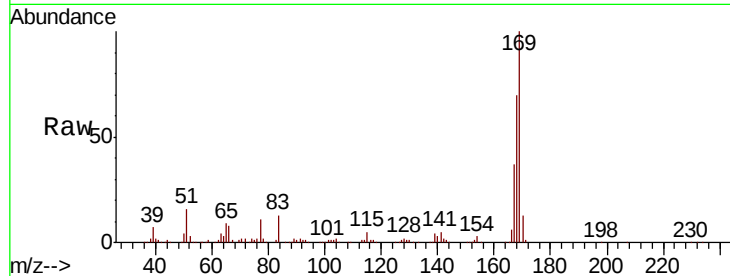




#65
n-Nitrosodiphenylamine
Concen: 46.956 ng
RT: 15.85 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

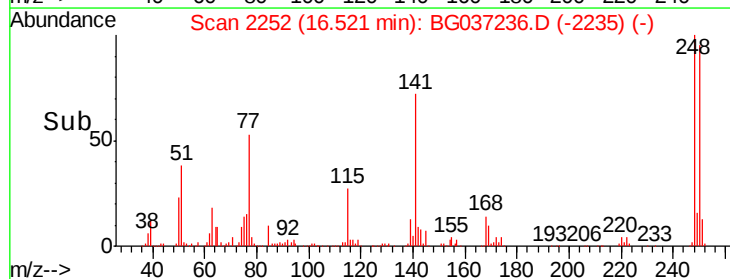
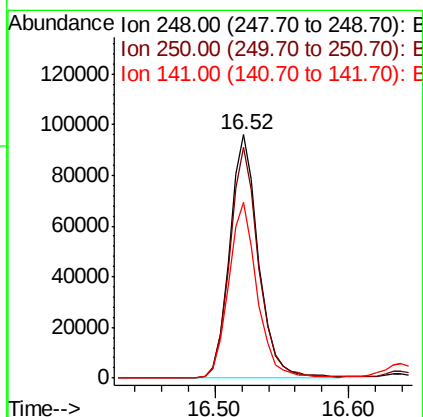
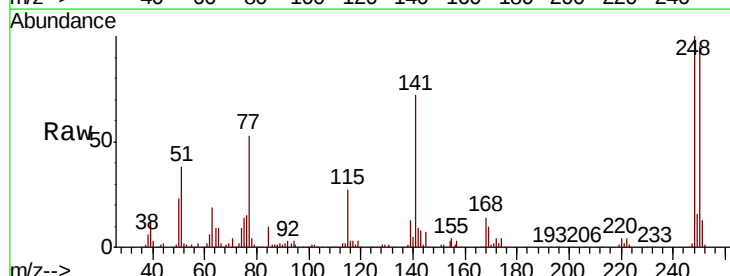
Instrument :
BNA_G
ClientSampleId :
PB113678BS

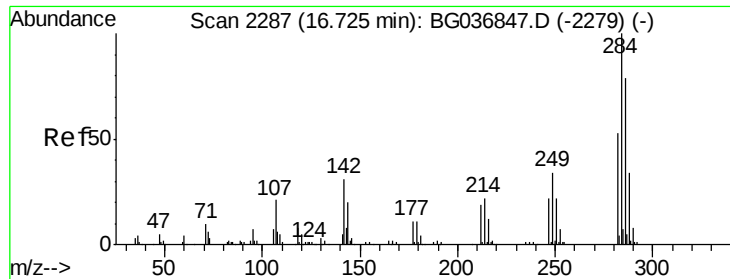
Tgt Ion:169 Resp: 363923
Ion Ratio Lower Upper
169 100
168 69.6 57.6 86.4
167 36.9 31.0 46.4



#66
4-Bromophenyl-phenylether
Concen: 45.193 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:248 Resp: 144311
Ion Ratio Lower Upper
248 100
250 95.1 78.1 117.1
141 72.3 53.7 80.5

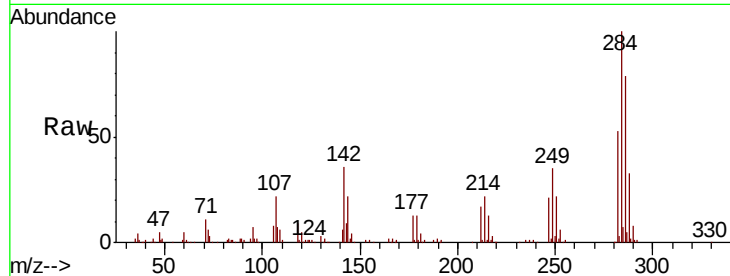




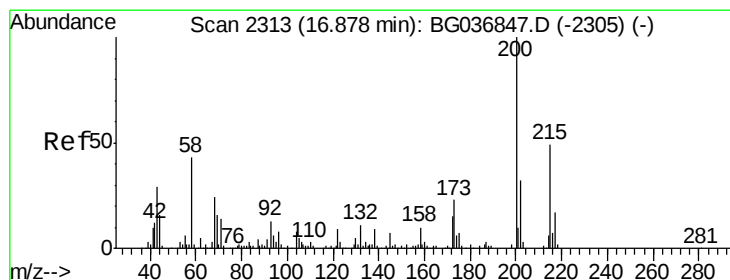
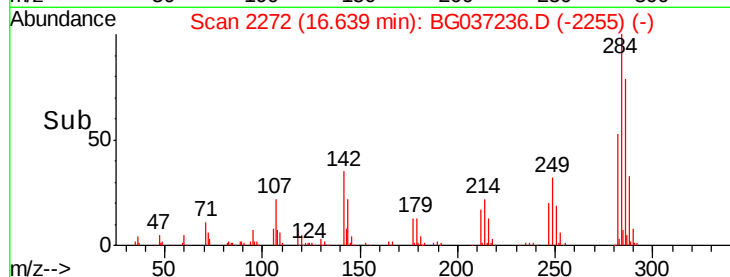
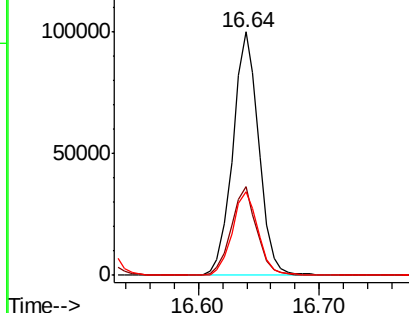
#67
Hexachlorobenzene
Concen: 45.558 ng
RT: 16.64 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Instrument :
BNA_G
ClientSampleId :
PB113678BS

Tgt Ion:284 Resp: 149830
Ion Ratio Lower Upper
284 100
142 36.3 27.8 41.6
249 34.6 27.4 41.2

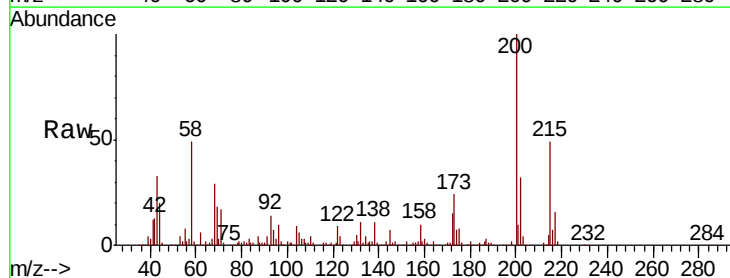


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

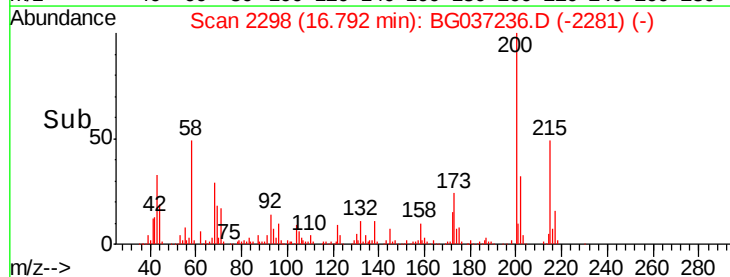
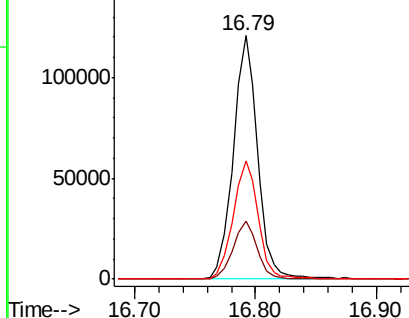


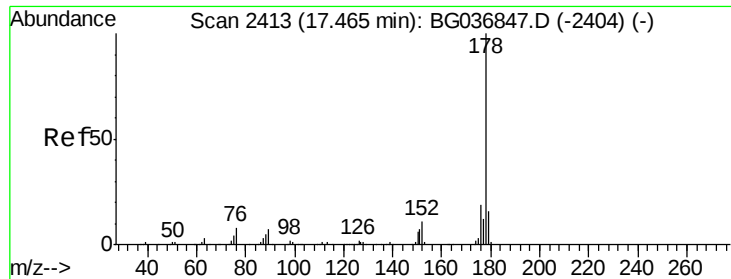
#68
Atrazine
Concen: 53.926 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:200 Resp: 169229
Ion Ratio Lower Upper
200 100
173 24.1 3.9 43.9
215 48.8 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





#70

Phenanthrene

Concen: 53.361 ng

RT: 17.37 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

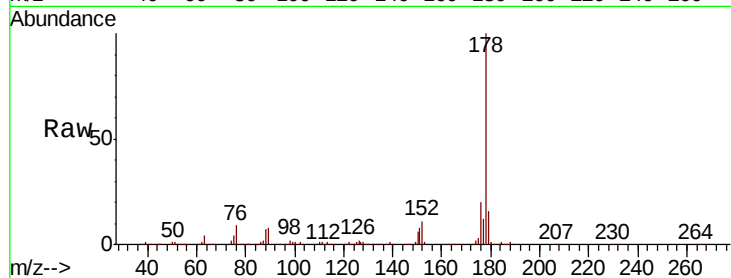
Tgt Ion:178 Resp: 721900

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

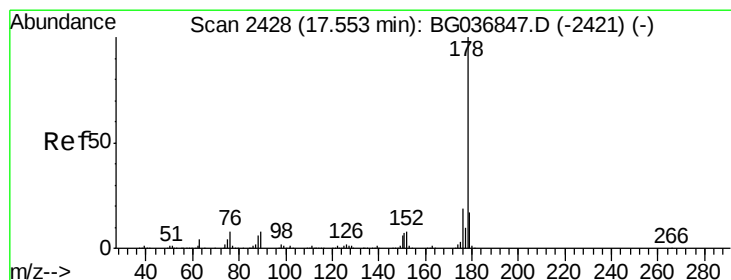
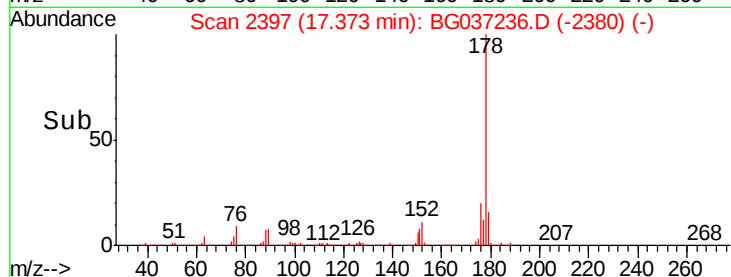
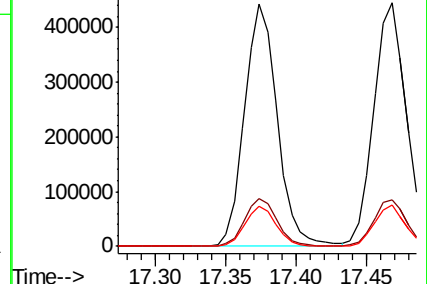
179 16.3 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 53.315 ng

RT: 17.47 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

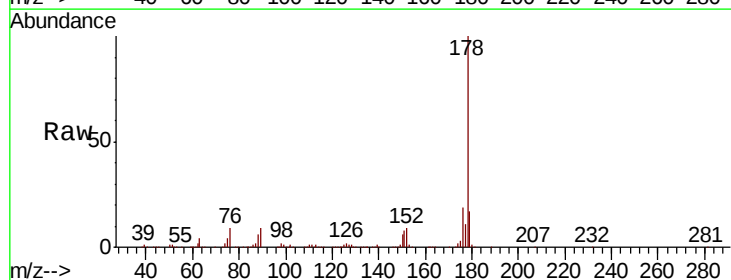
Tgt Ion:178 Resp: 713209

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

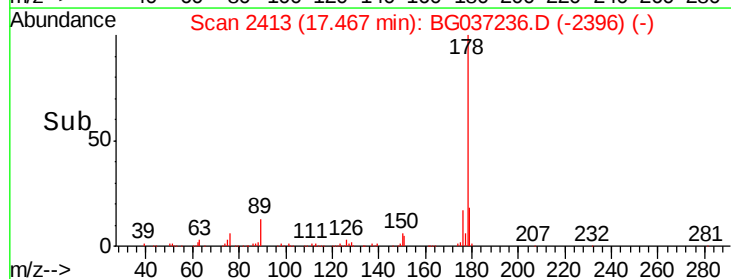
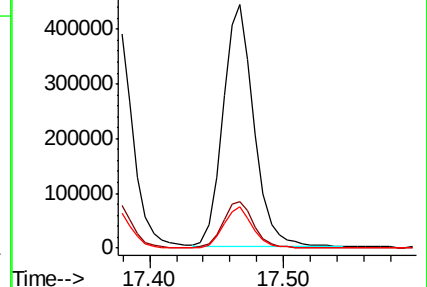
179 16.8 13.0 19.4

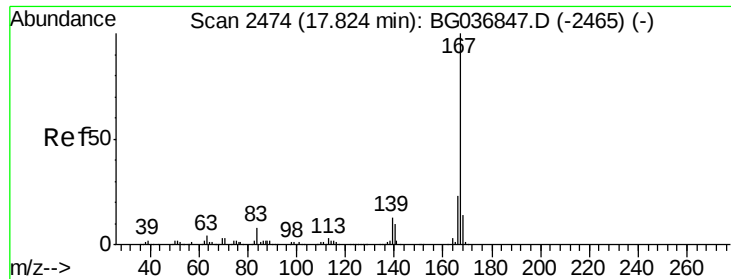


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

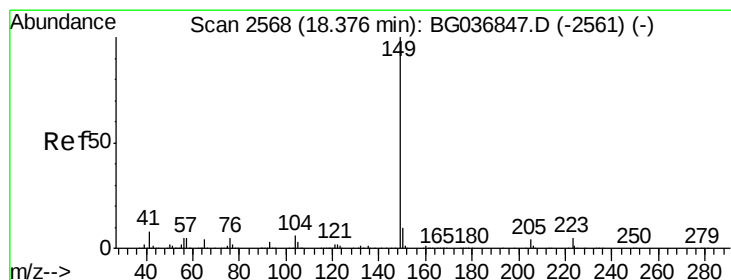
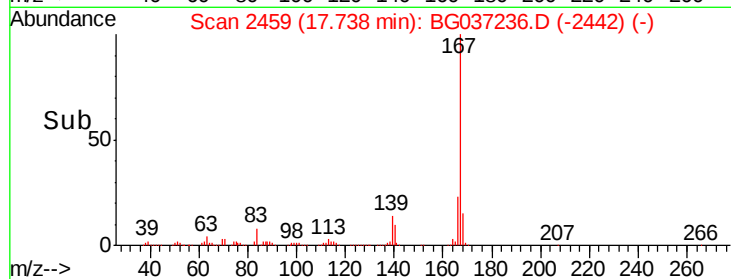
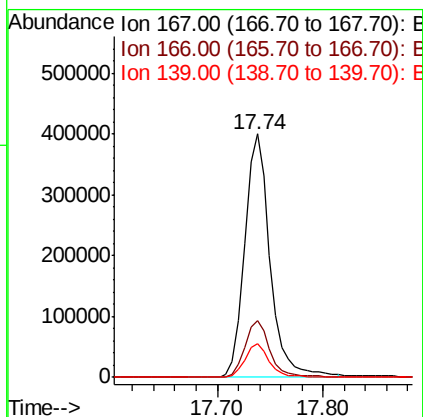
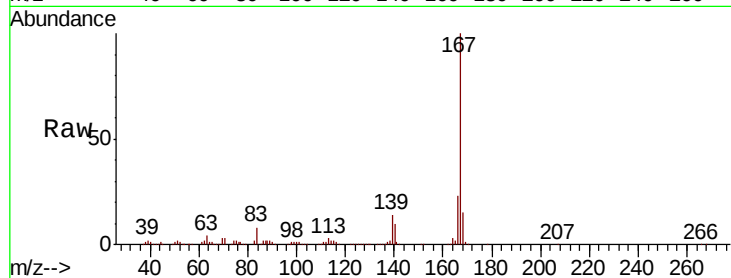




#72
 Carbazole
 Concen: 50.993 ng
 RT: 17.74 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

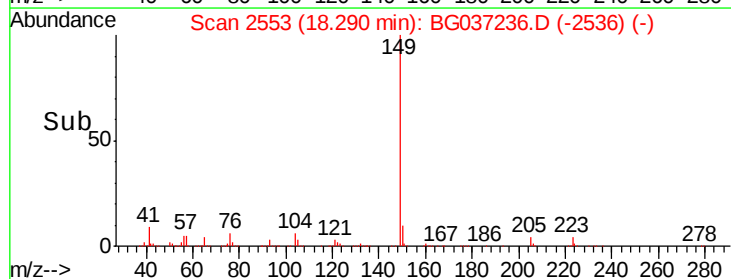
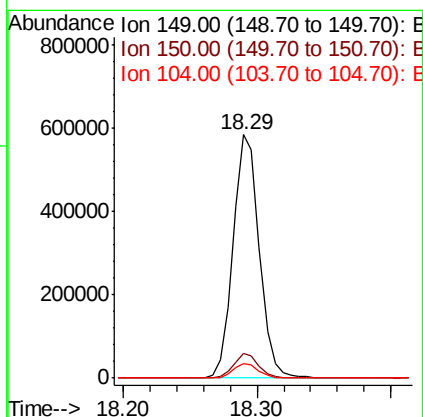
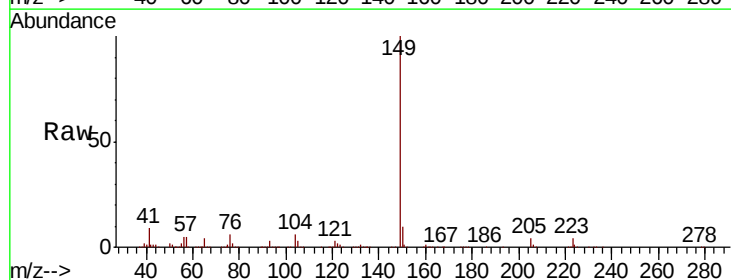
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BS

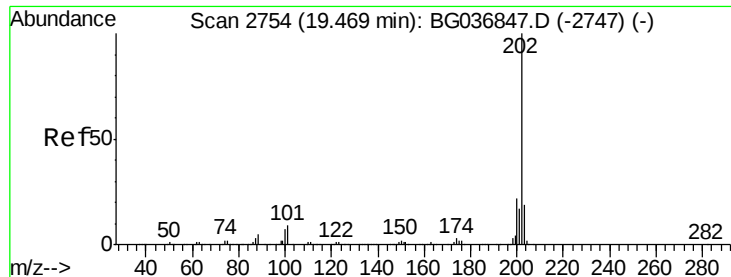
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.5	29.3
139	13.7	10.7	16.1



#73
 Di-n-butylphthalate
 Concen: 54.892 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BG037236.D
 Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.1	12.1
104	6.1	4.6	6.8





#74

Fluoranthene

Concen: 55.653 ng

RT: 19.38 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

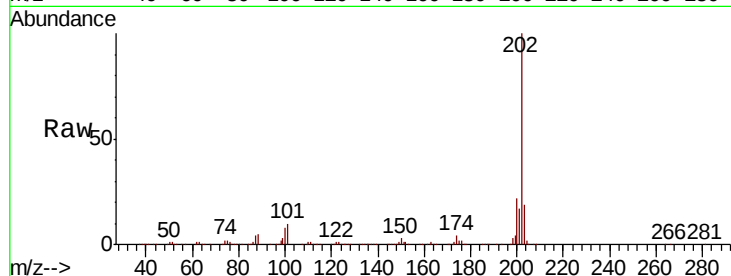
Tgt Ion:202 Resp: 906288

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.4

203 18.8 0.0 38.9

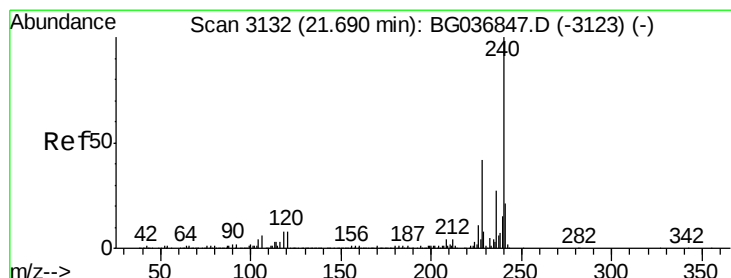
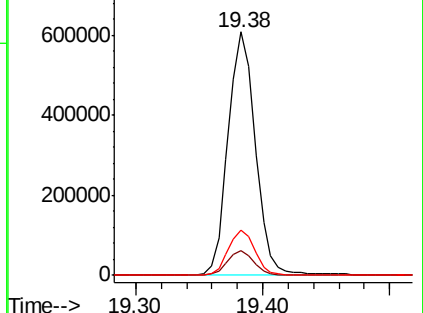
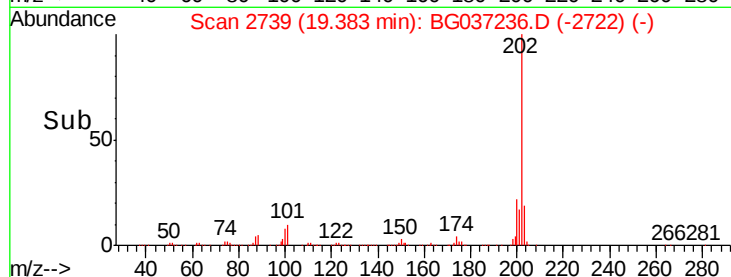


Abundance

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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

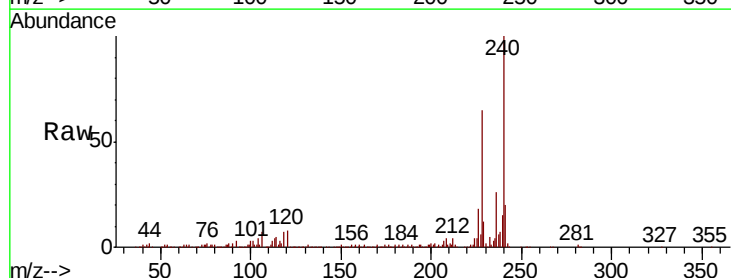
Tgt Ion:240 Resp: 298538

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 26.3 21.2 31.8

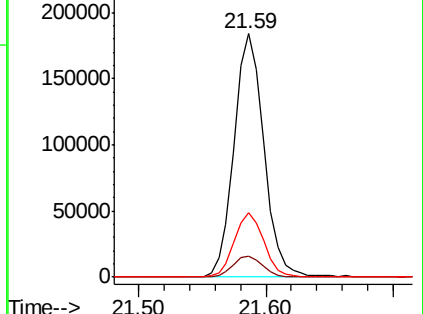
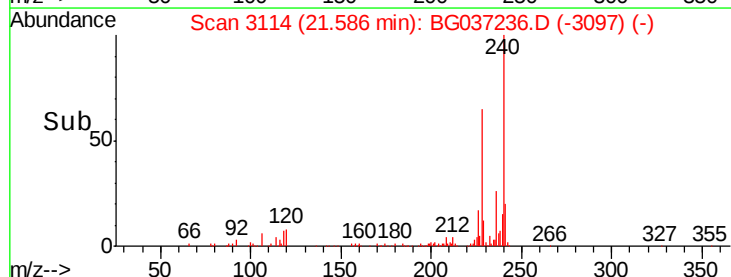


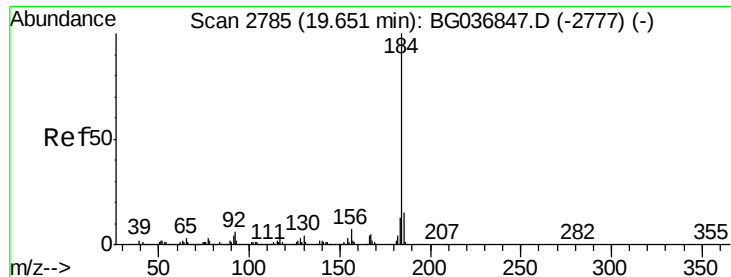
Abundance

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

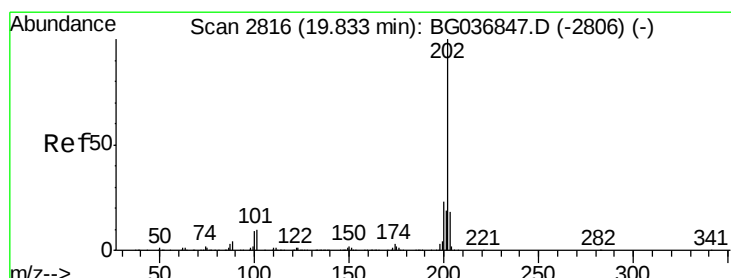
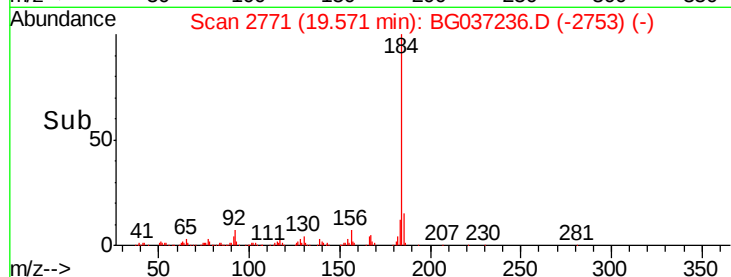
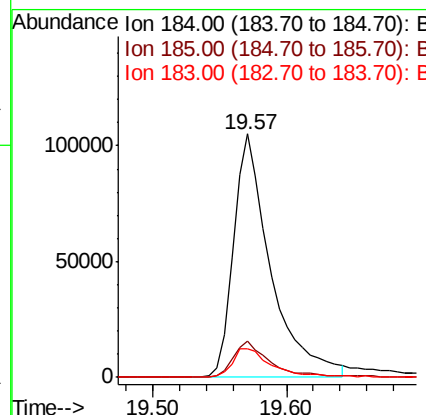
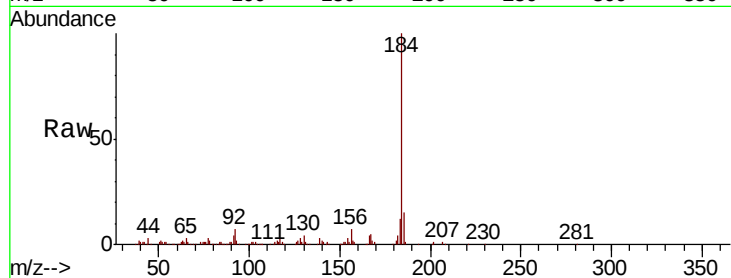




#76
Benzidine
Concen: 22.538 ng
RT: 19.57 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

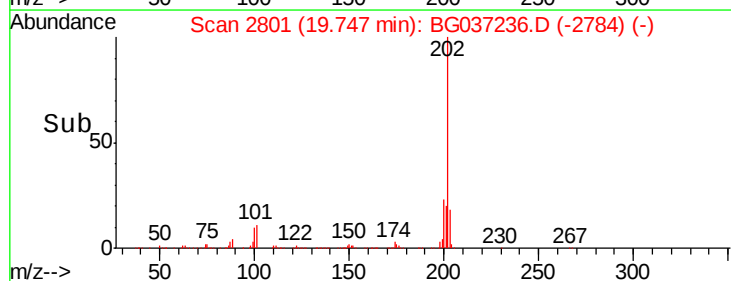
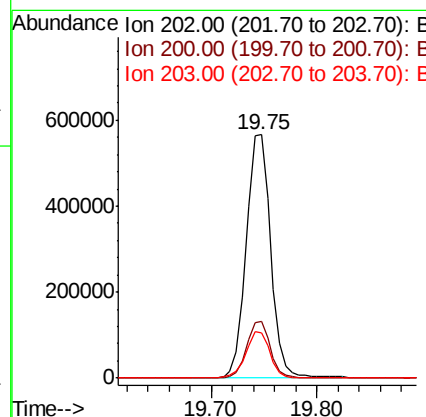
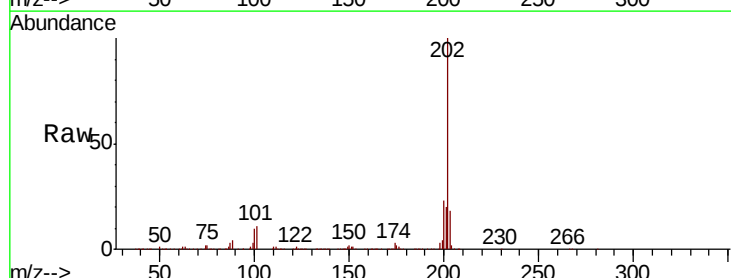
Instrument :
BNA_G
ClientSampleId :
PB113678BS

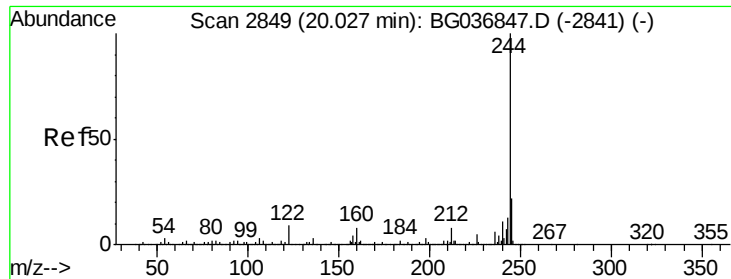
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.9	10.9	16.3



#77
Pyrene
Concen: 50.685 ng
RT: 19.75 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.3	27.5
203	18.4	15.1	22.7





#78

Terphenyl-d14

Concen: 102.664 ng

RT: 19.94 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

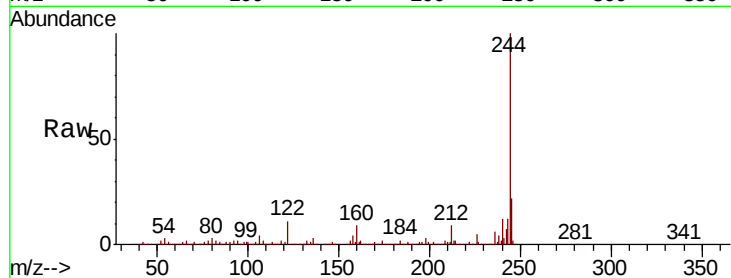
Tgt Ion:244 Resp: 1165591

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

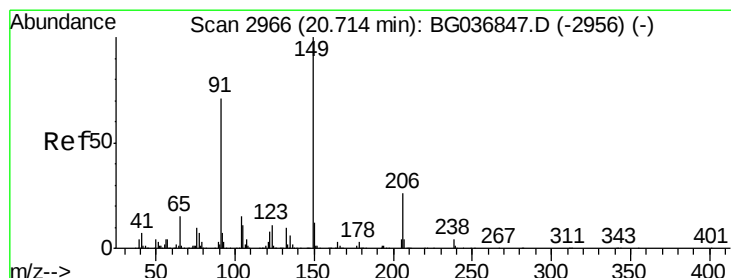
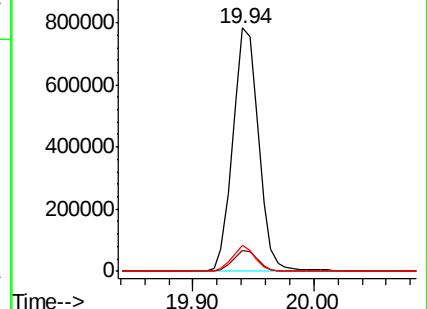
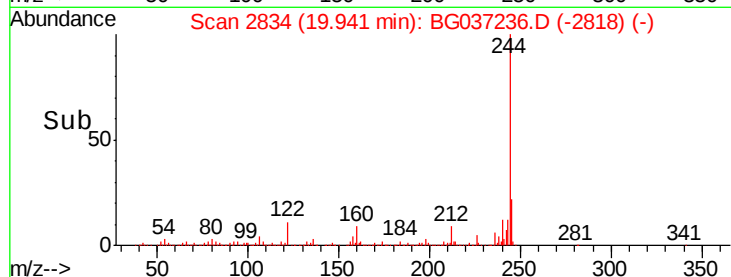
122 10.5 7.1 10.7



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: 53.326 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

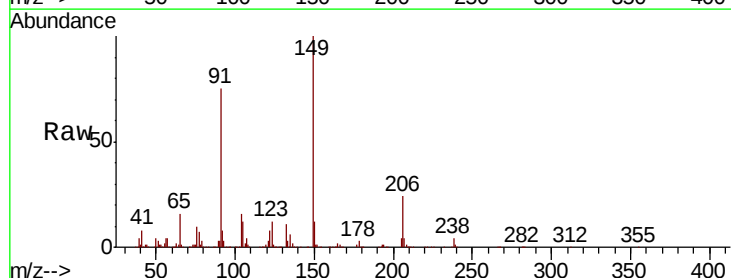
Tgt Ion:149 Resp: 380783

Ion Ratio Lower Upper

149 100

91 75.0 62.0 93.0

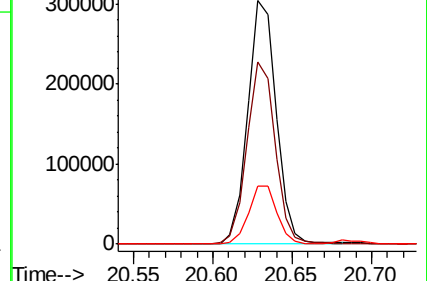
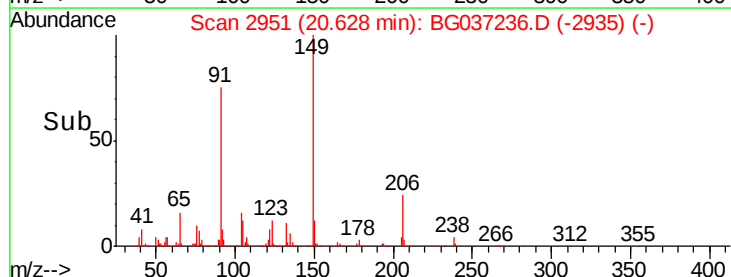
206 23.6 19.6 29.4

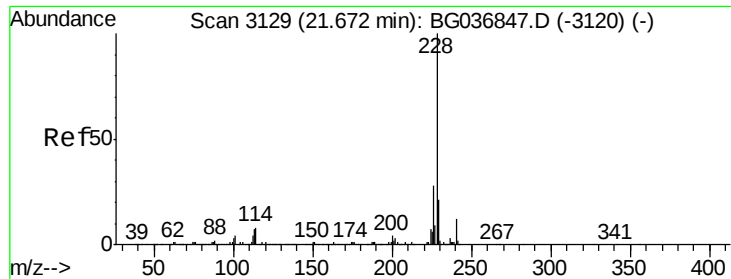


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

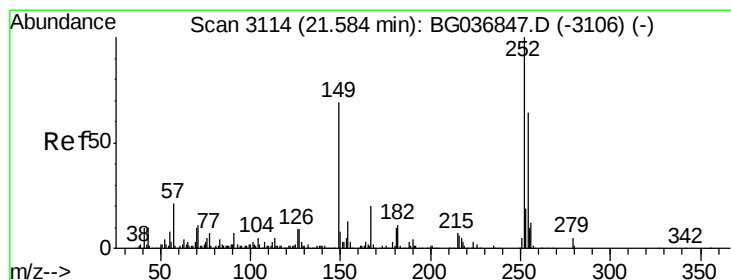
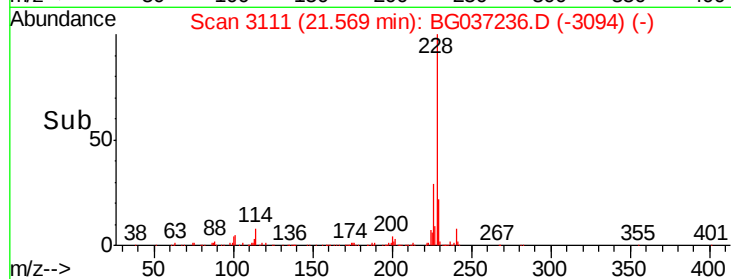
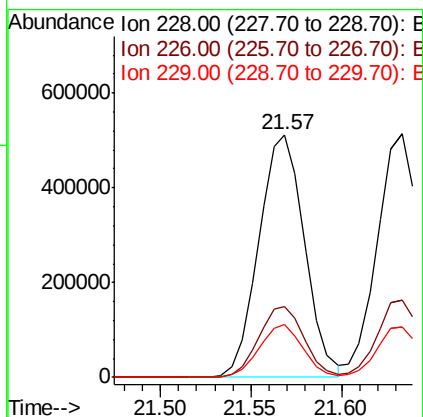
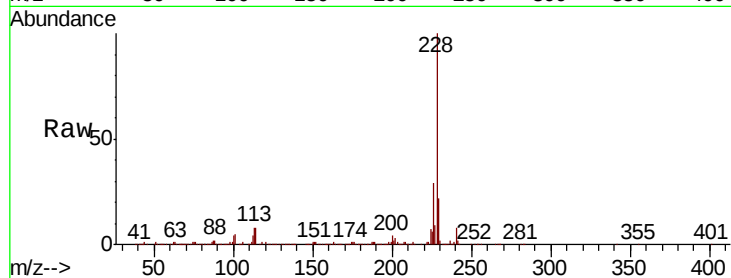




#80
Benzo(a)anthracene
Concen: 51.685 ng
RT: 21.57 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

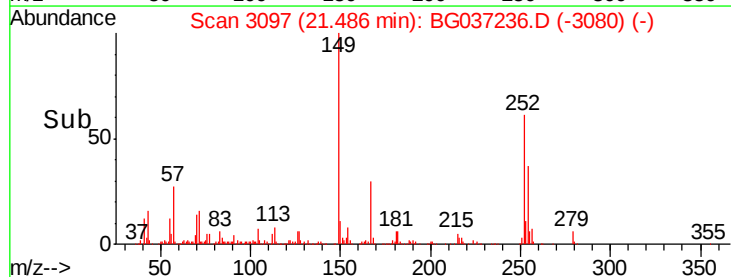
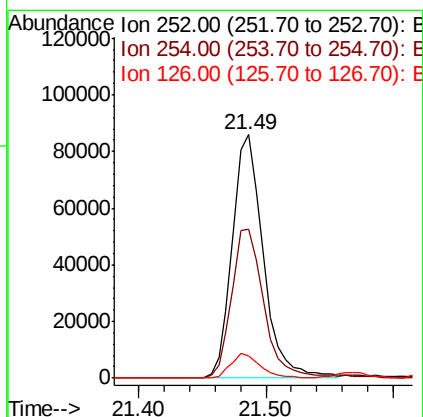
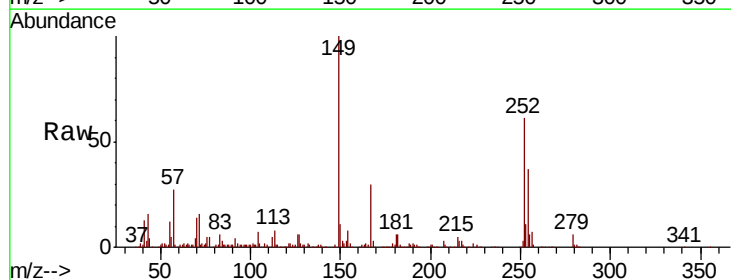
Instrument :
BNA_G
ClientSampleId :
PB113678BS

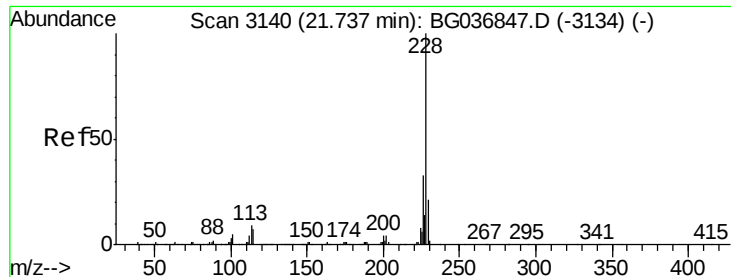
Tgt Ion:228 Resp: 900722
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 21.6 17.1 25.7



#81
3,3'-Dichlorobenzidine
Concen: 21.924 ng
RT: 21.49 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:252 Resp: 145431
Ion Ratio Lower Upper
252 100
254 61.1 51.0 76.4
126 9.2 7.4 11.0





#82

Chrysene

Concen: 50.247 ng

RT: 21.63 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

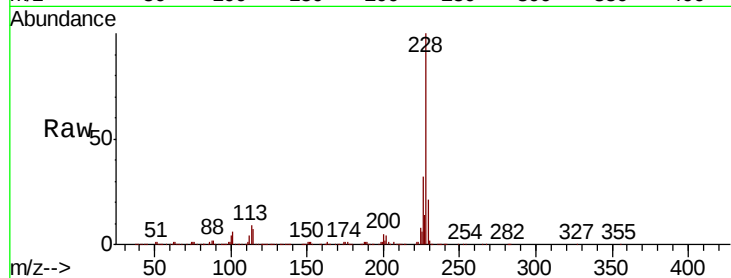
Tgt Ion:228 Resp: 846057

Ion Ratio Lower Upper

228 100

226 31.7 25.5 38.3

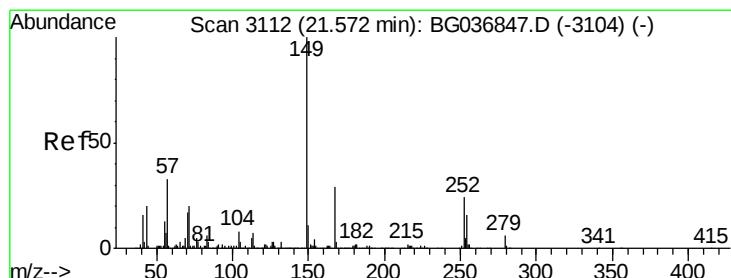
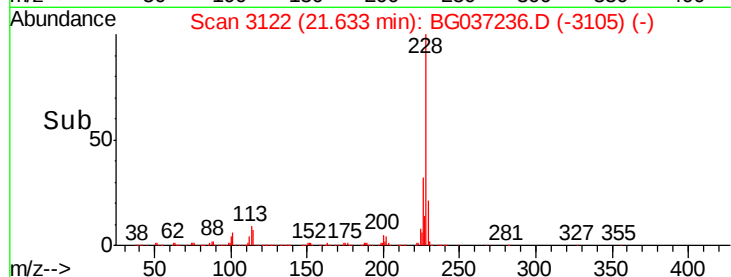
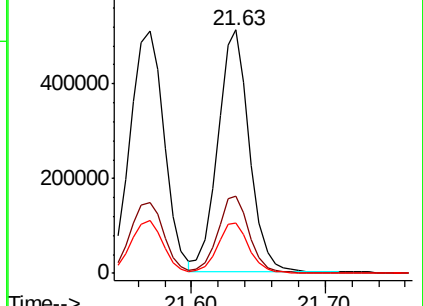
229 20.7 16.9 25.3



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: 53.686 ng

RT: 21.47 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

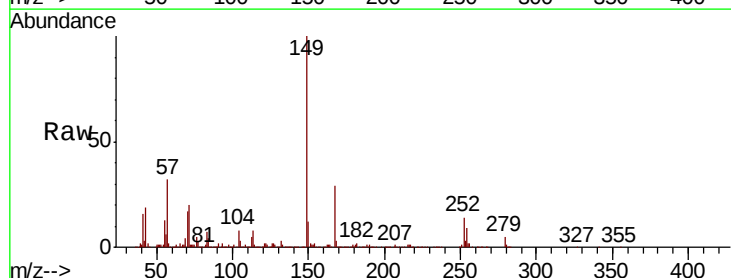
Tgt Ion:149 Resp: 535540

Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.0

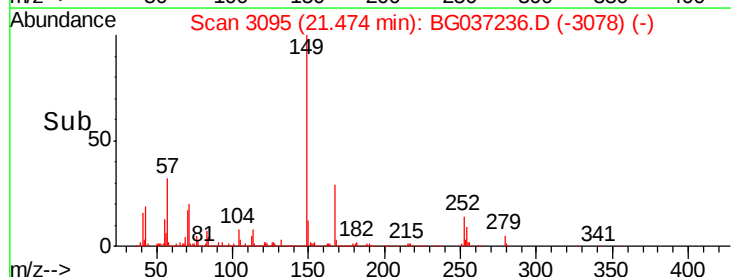
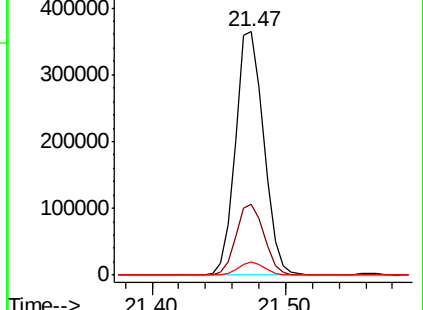
279 5.4 4.6 7.0

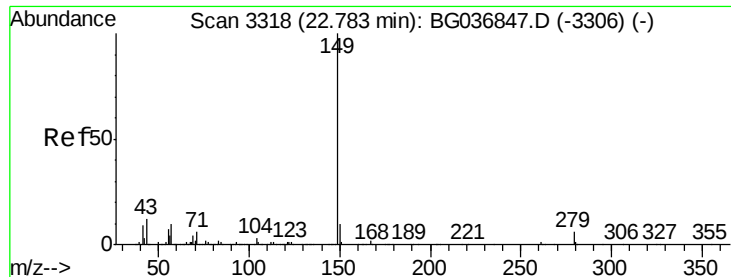


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

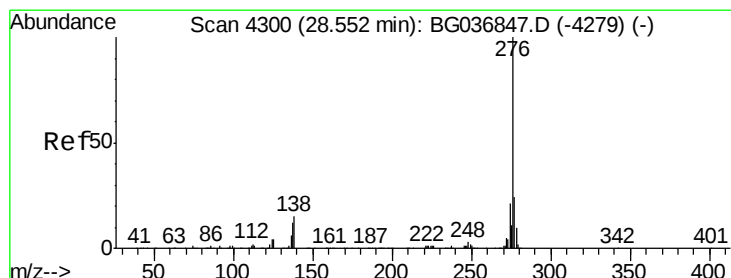
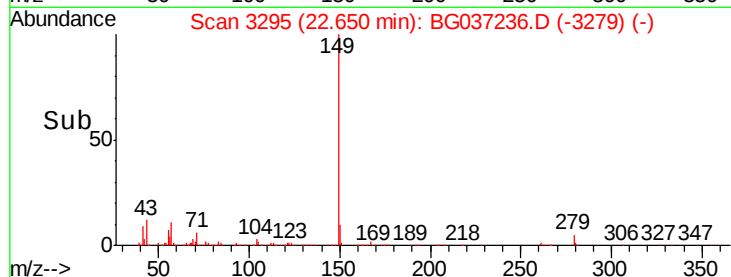
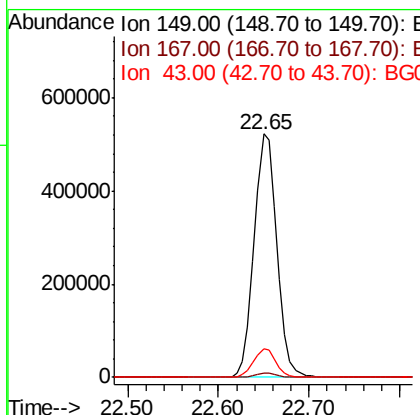
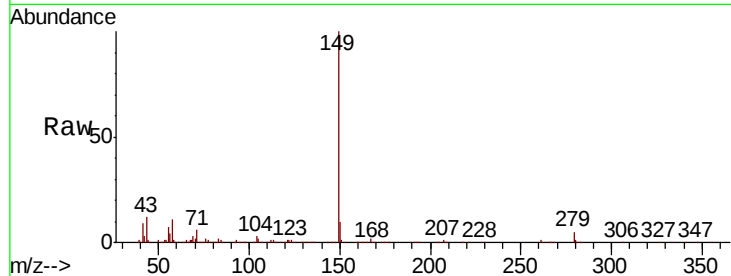




#84
Di-n-octyl phthalate
Concen: 55.191 ng
RT: 22.65 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

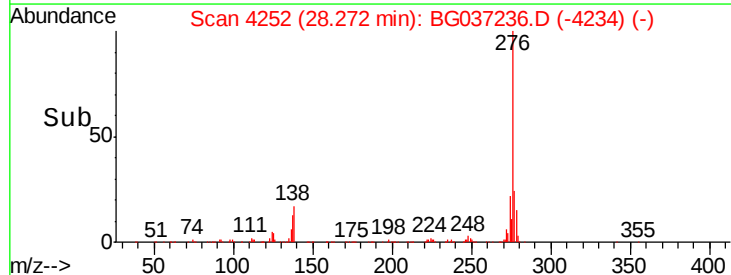
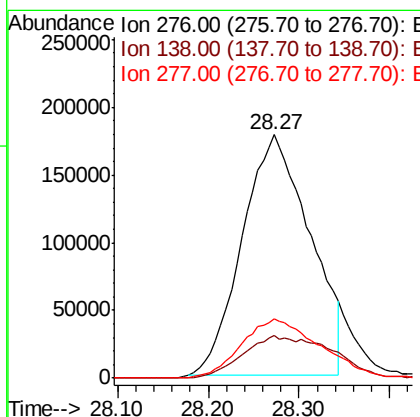
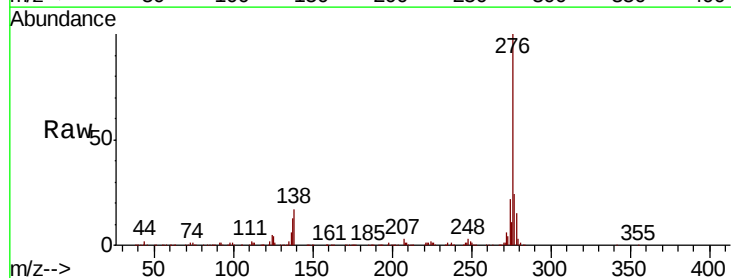
Instrument :
BNA_G
ClientSampleId :
PB113678BS

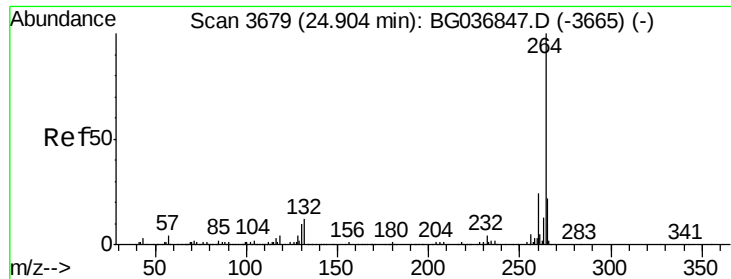
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.3	10.0	15.0



#85
Indeno(1,2,3-cd)pyrene
Concen: 51.050 ng
RT: 28.27 min Scan# 4252
Delta R.T. 0.01 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	10.6	15.8#
277	25.4	20.6	30.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

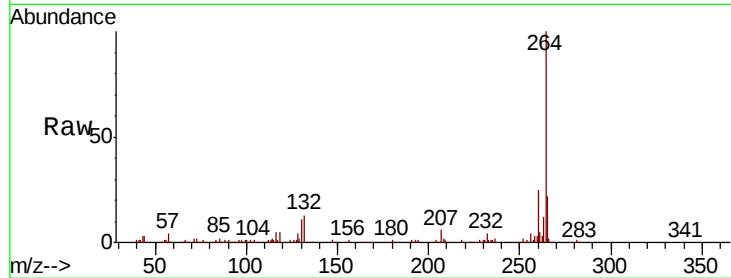
Tgt Ion:264 Resp: 308854

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

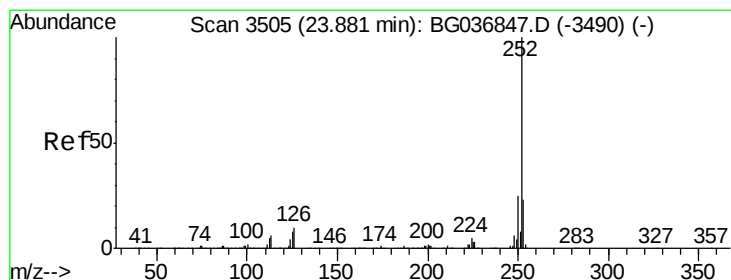
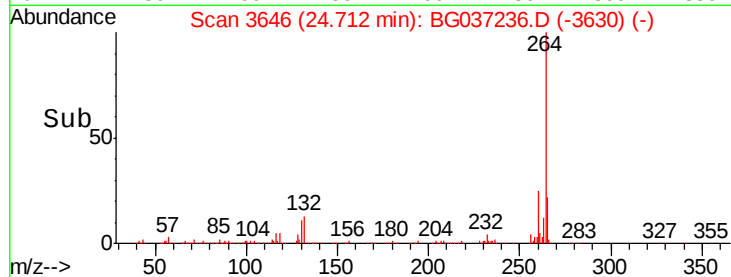
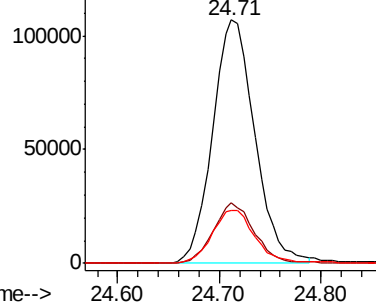
265 21.5 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 52.915 ng

RT: 23.72 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

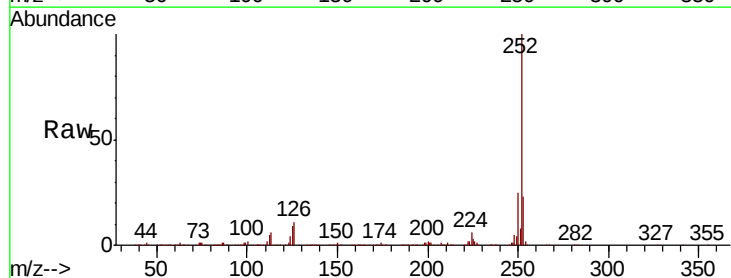
Tgt Ion:252 Resp: 870951

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

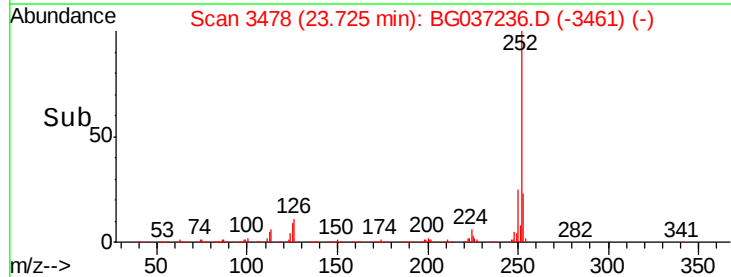
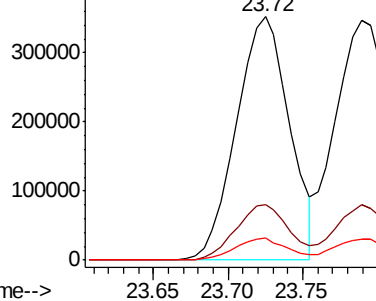
125 8.9 6.6 10.0

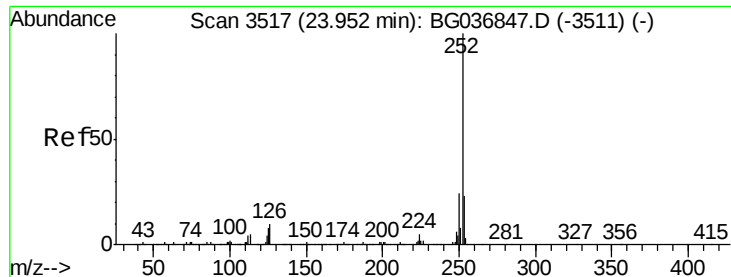


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

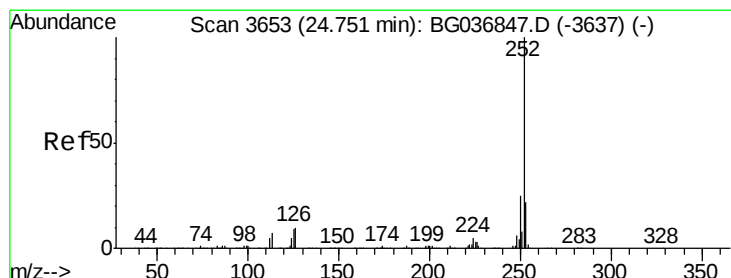
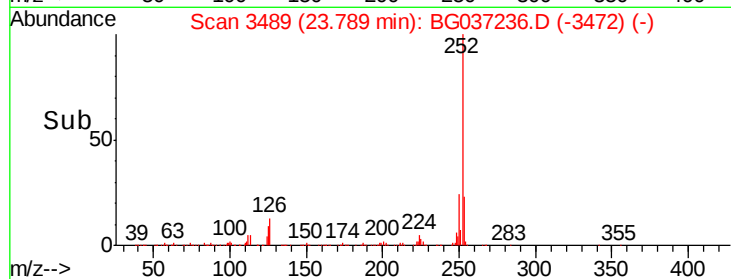
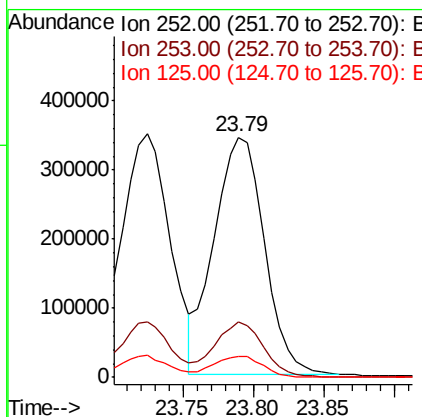
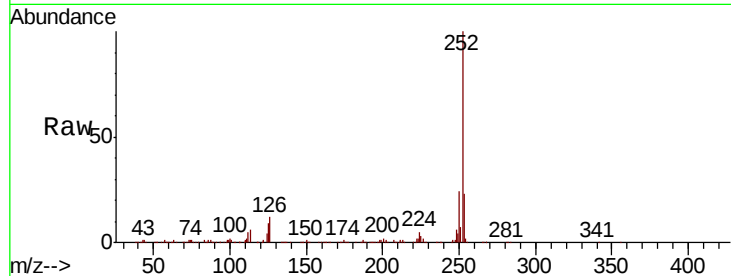




#88
Benzo(k)fluoranthene
Concen: 51.567 ng
RT: 23.79 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

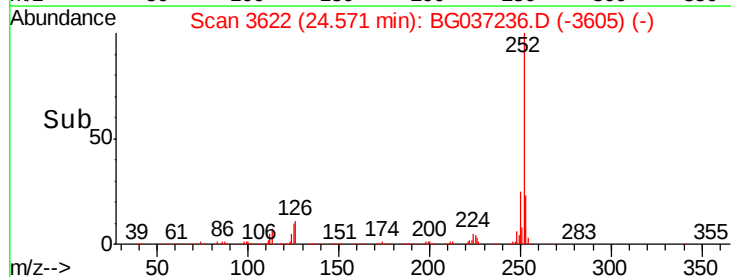
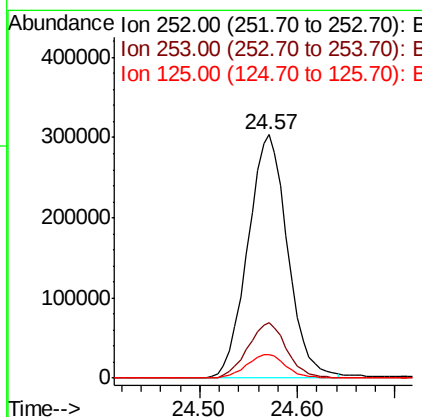
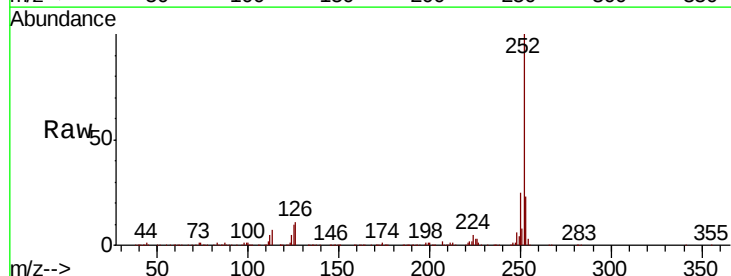
Instrument :
BNA_G
ClientSampleId :
PB113678BS

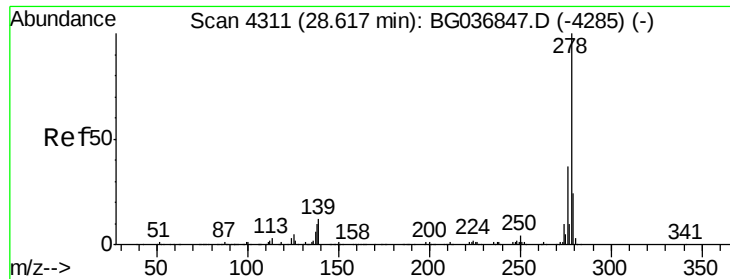
Tgt Ion:252 Resp: 851544
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 9.0 7.0 10.6



#89
Benzo(a)pyrene
Concen: 54.340 ng
RT: 24.57 min Scan# 3622
Delta R.T. 0.00 min
Lab File: BG037236.D
Acq: 10 Oct 2018 3:17

Tgt Ion:252 Resp: 864701
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.7 7.3 10.9





#90

Dibenzo(a,h)anthracene

Concen: 51.479 ng

RT: 28.33 min Scan# 4261

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

Instrument :

BNA_G

ClientSampleId :

PB113678BS

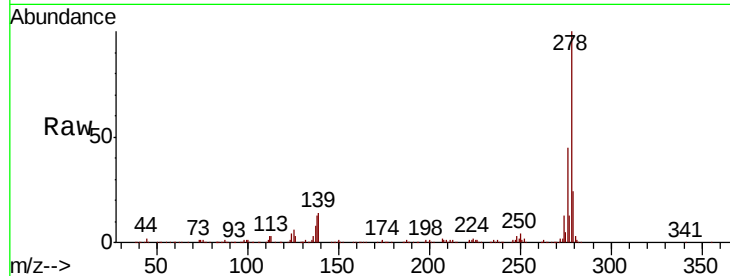
Tgt Ion:278 Resp: 767743

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

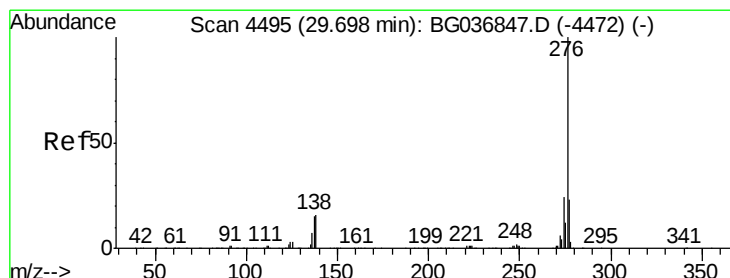
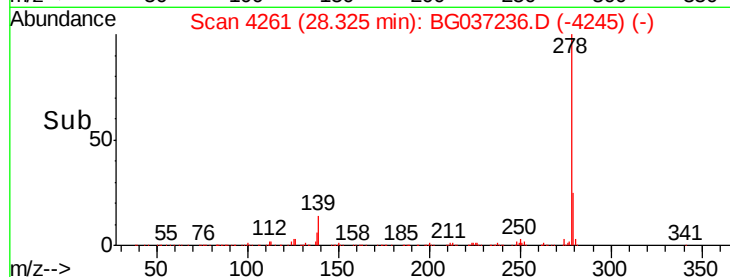
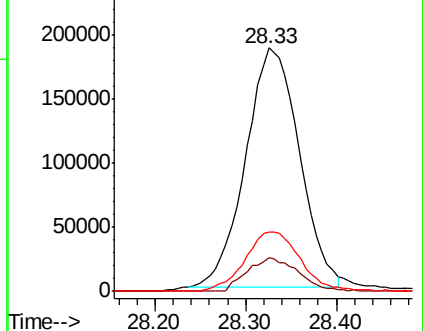
279 24.5 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 51.224 ng

RT: 29.38 min Scan# 4441

Delta R.T. -0.00 min

Lab File: BG037236.D

Acq: 10 Oct 2018 3:17

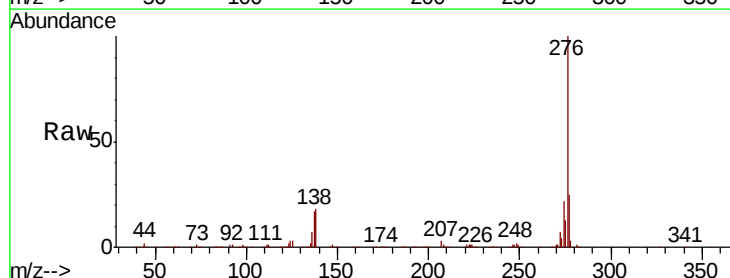
Tgt Ion:276 Resp: 766684

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 17.6 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

