

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037091.D
 Acq On : 2 Oct 2018 00:47
 Operator : JU/SJ
 Sample : PB113379BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Quant Time: Oct 02 05:33:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43004	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	185383	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	118707	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	311523	20.00	ng	0.00
75) Chrysene-d12	21.68	240	324027	20.00	ng	-0.01
86) Perylene-d12	24.88	264	335305	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	250121	111.54	ng	0.00
7) Phenol-d6	7.20	99	347327	100.11	ng	-0.01
23) Nitrobenzene-d5	9.20	82	224047	64.72	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	143989	101.38	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	498596	62.56	ng	-0.01
78) Terphenyl-d14	20.01	244	921577	74.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	35986	35.071	ng	98
3) Pyridine	3.91	79	92722	31.296	ng	98
4) n-Nitrosodimethylamine	3.83	42	51627	39.207	ng	# 92
6) Aniline	7.36	93	76255	16.939	ng	97
8) 2-Chlorophenol	7.60	128	98234	37.729	ng	96
9) Benzaldehyde	7.18	77	49599	21.635	ng	96
10) Phenol	7.23	94	132127	36.901	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	95193	28.741	ng	97
12) 1,3-Dichlorobenzene	7.93	146	104217	32.649	ng	99
13) 1,4-Dichlorobenzene	8.07	146	102796	31.468	ng	98
14) 1,2-Dichlorobenzene	8.39	146	101976	32.214	ng	98
15) Benzyl Alcohol	8.28	79	85513	30.377	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	204655	32.185	ng	98
17) 2-Methylphenol	8.48	107	85326	34.211	ng	96
18) Hexachloroethane	9.12	117	41644	34.642	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	82858	28.709	ng	96
20) 3+4-Methylphenols	8.81	107	118076	34.031	ng	97
22) Acetophenone	8.86	105	149632	34.347	ng	# 98
24) Nitrobenzene	9.24	77	123815	33.492	ng	98
25) Isophorone	9.76	82	229346	36.258	ng	98
26) 2-Nitrophenol	9.95	139	51481	34.937	ng	98
27) 2,4-Dimethylphenol	10.01	122	92729	40.398	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	134601	34.485	ng	99
29) 2,4-Dichlorophenol	10.49	162	100113	37.624	ng	90
30) 1,2,4-Trichlorobenzene	10.71	180	106901	32.103	ng	97
31) Naphthalene	10.89	128	319295	36.198	ng	99
32) Benzoic acid	10.14	122	14258	12.943	ng	# 87
33) 4-Chloroaniline	11.01	127	48108	11.996	ng	98
34) Hexachlorobutadiene	11.18	225	71977	31.256	ng	97
35) Caprolactam	11.77	113	38504	35.158	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	115833	36.484	ng	98
37) 2-Methylnaphthalene	12.49	142	238387	35.485	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	134256	32.427	ng	99
40) Hexachlorocyclopentadiene	12.84	237	155295	72.930	ng	99

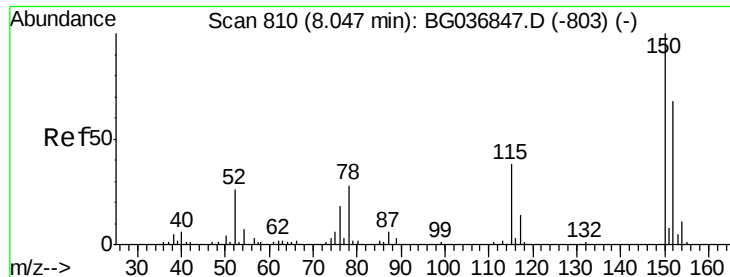
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100118\
 Data File : BG037091.D
 Acq On : 2 Oct 2018 00:47
 Operator : JU/SJ
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 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	80767	35.130	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	92670	37.800	ng	95
45) 1,1'-Biphenyl	13.50	154	315008	34.649	ng	96
46) 2-Chloronaphthalene	13.54	162	240892	33.693	ng	98
47) 2-Nitroaniline	13.75	65	89917	36.361	ng	98
48) Acenaphthylene	14.39	152	419560	37.449	ng	98
49) Dimethylphthalate	14.12	163	331323	34.675	ng	98
50) 2,6-Dinitrotoluene	14.24	165	73639	35.323	ng	94
51) Acenaphthene	14.73	154	237161	35.026	ng	99
52) 3-Nitroaniline	14.57	138	45808	20.852	ng	# 99
53) 2,4-Dinitrophenol	14.79	184	19725	25.908	ng	# 86
54) Dibenzofuran	15.06	168	402534	35.146	ng	99
55) 4-Nitrophenol	14.88	139	105446	75.135	ng	97
56) 2,4-Dinitrotoluene	15.02	165	106769	36.703	ng	94
57) Fluorene	15.71	166	326704	38.165	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	91389	36.747	ng	98
59) Diethylphthalate	15.48	149	344127	35.708	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	178711	32.965	ng	99
61) 4-Nitroaniline	15.74	138	83125	35.973	ng	92
62) Azobenzene	15.99	77	350456	37.846	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	37466	23.004	ng	96
65) n-Nitrosodiphenylamine	15.92	169	298164	34.669	ng	99
66) 4-Bromophenyl-phenylether	16.60	248	115700	32.652	ng	98
67) Hexachlorobenzene	16.72	284	118751	32.539	ng	96
68) Atrazine	16.86	200	127983	36.752	ng	98
69) Pentachlorophenol	17.06	266	114454	49.812	ng	96
70) Phenanthrene	17.45	178	571675	38.081	ng	99
71) Anthracene	17.54	178	589987	39.745	ng	99
72) Carbazole	17.81	167	522802	36.122	ng	98
73) Di-n-butylphthalate	18.36	149	619275	38.529	ng	100
74) Fluoranthene	19.46	202	710209	39.302	ng	99
76) Benzidine	19.64	184	204287	20.856	ng	98
77) Pyrene	19.82	202	704576	36.236	ng	100
79) Butylbenzylphthalate	20.70	149	289066	37.297	ng	96
80) Benzo(a)anthracene	21.66	228	697081	36.853	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	145194	20.166	ng	100
82) Chrysene	21.72	228	659890	36.108	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	397644	36.727	ng	98
84) Di-n-octyl phthalate	22.76	149	669715	37.569	ng	98
85) Indeno(1,2,3-cd)pyrene	28.52	276	768809	39.175	ng	# 93
87) Benzo(b)fluoranthene	23.86	252	676723	37.871	ng	97
88) Benzo(k)fluoranthene	23.93	252	675571	37.683	ng	99
89) Benzo(a)pyrene	24.73	252	672448	38.925	ng	99
90) Dibenzo(a,h)anthracene	28.58	278	617914	38.164	ng	98
91) Benzo(g,h,i)perylene	29.66	276	618476	38.062	ng	97

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

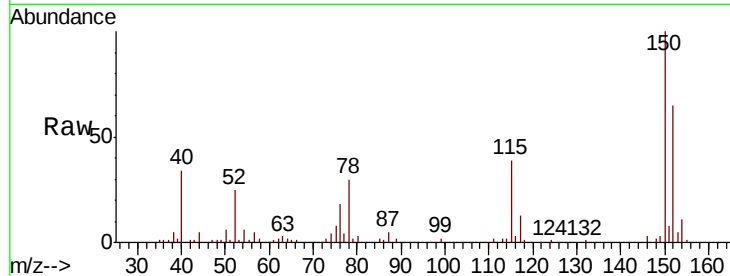


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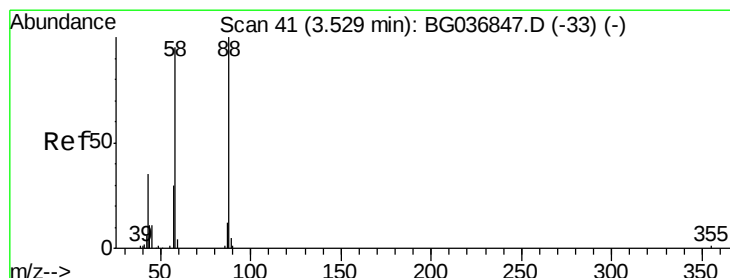
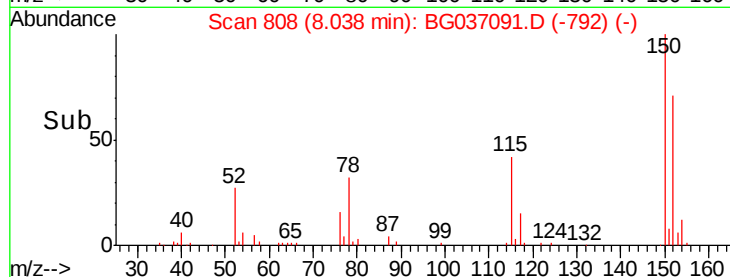
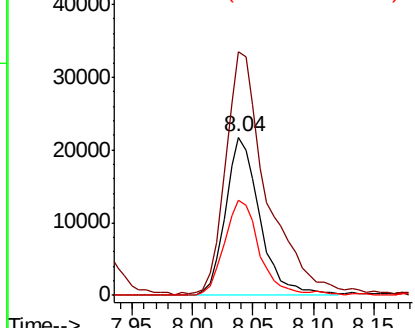
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:152 Resp: 43004
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 60.1 44.5 66.7



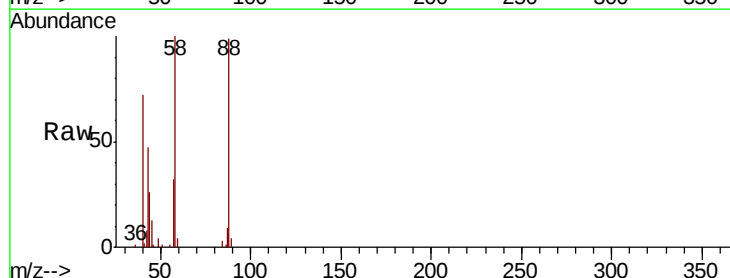
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



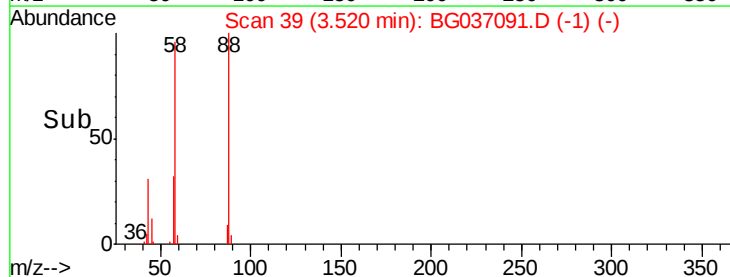
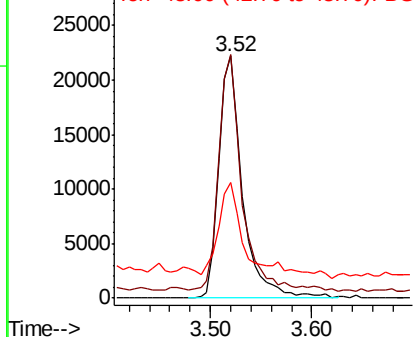
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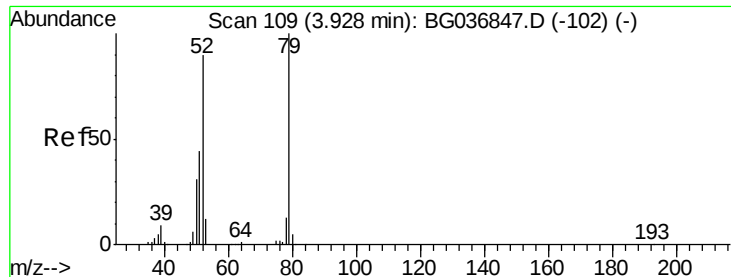
1,4-Dioxane
Concen: 35.071 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion: 88 Resp: 35986
Ion Ratio Lower Upper
88 100
58 92.8 72.6 109.0
43 34.7 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: 31.296 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

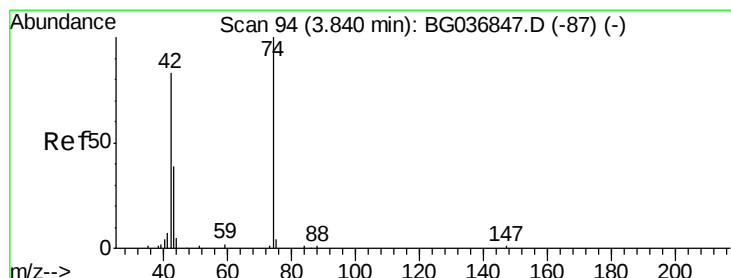
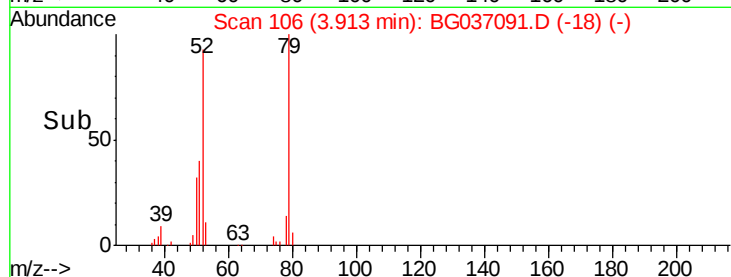
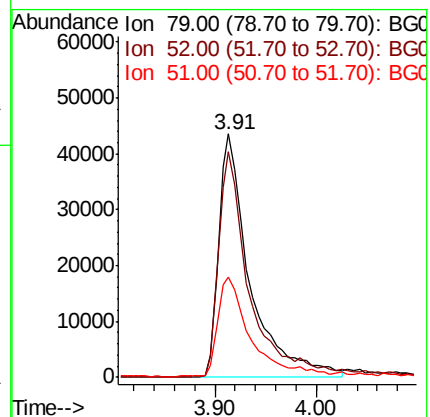
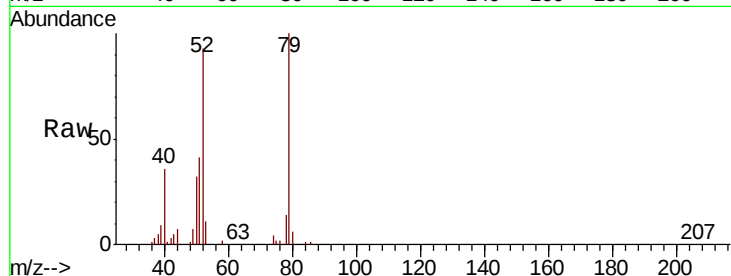
Tgt Ion: 79 Resp: 92722

Ion Ratio Lower Upper

79 100

52 92.7 72.3 108.5

51 41.4 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 39.207 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

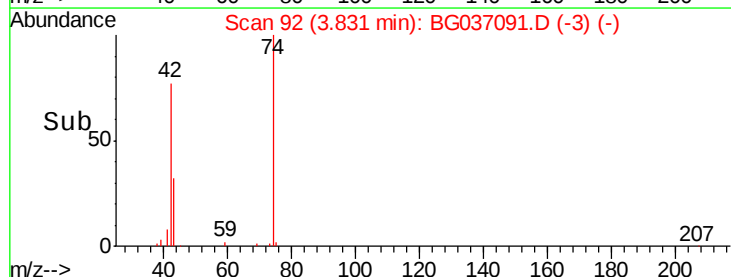
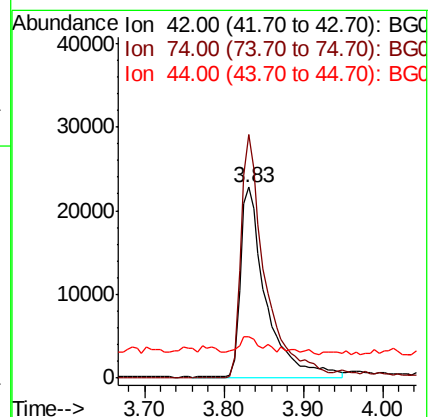
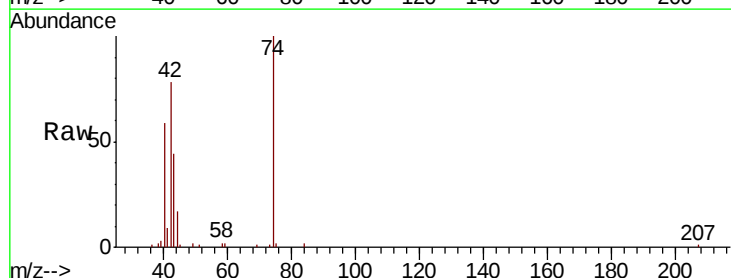
Tgt Ion: 42 Resp: 51627

Ion Ratio Lower Upper

42 100

74 127.5 96.6 145.0

44 22.0 7.0 10.4#





#5

2-Fluorophenol

Concen: 111.543 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

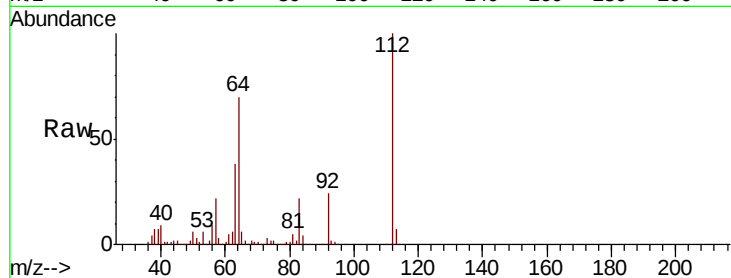
Tgt Ion: 112 Resp: 250121

Ion Ratio Lower Upper

112 100

64 70.4 57.2 85.8

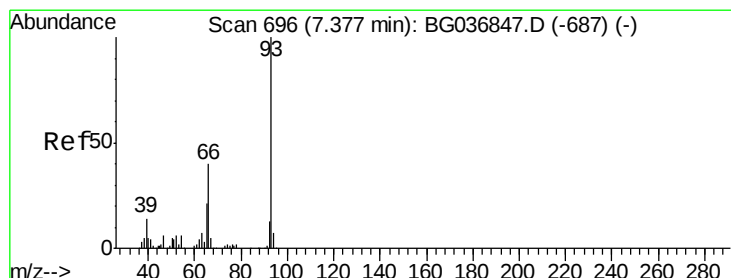
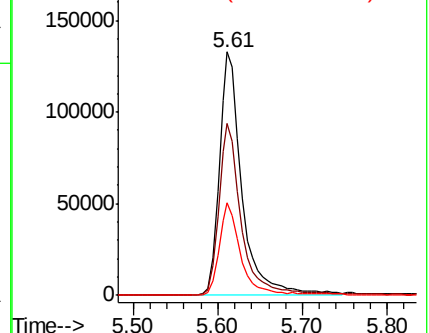
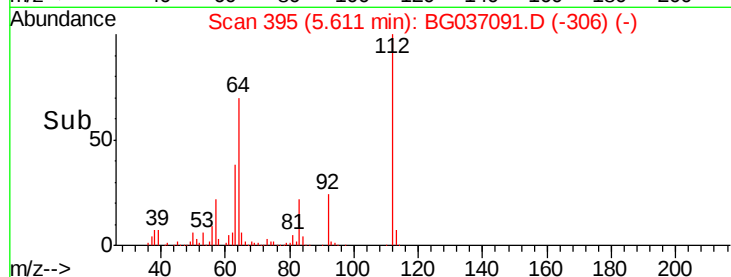
63 38.3 30.8 46.2



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: 16.939 ng

RT: 7.36 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

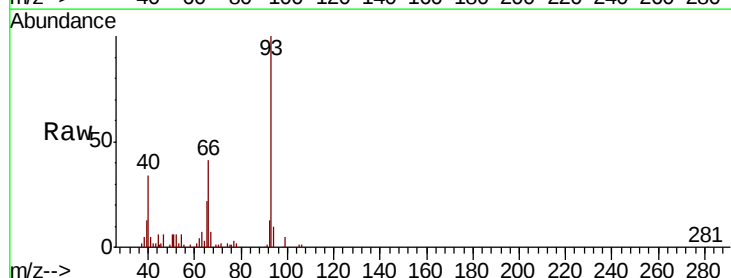
Tgt Ion: 93 Resp: 76255

Ion Ratio Lower Upper

93 100

66 41.2 35.0 52.4

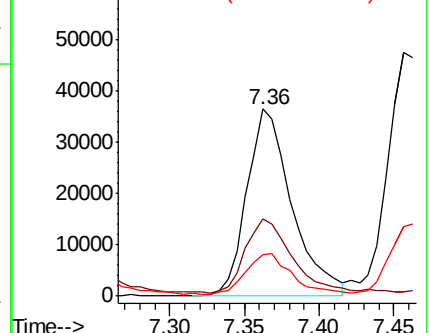
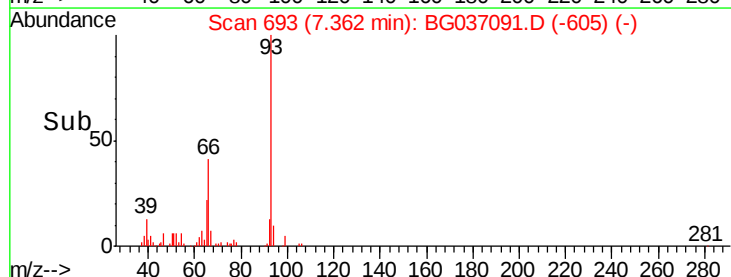
65 22.4 17.6 26.4



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: 100.113 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

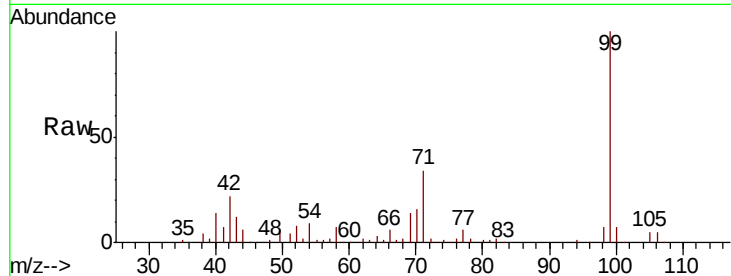
Tgt Ion: 99 Resp: 347327

Ion Ratio Lower Upper

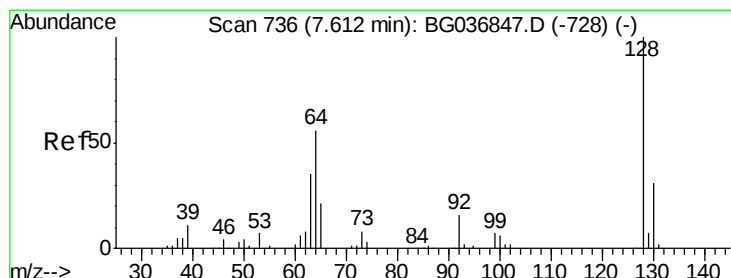
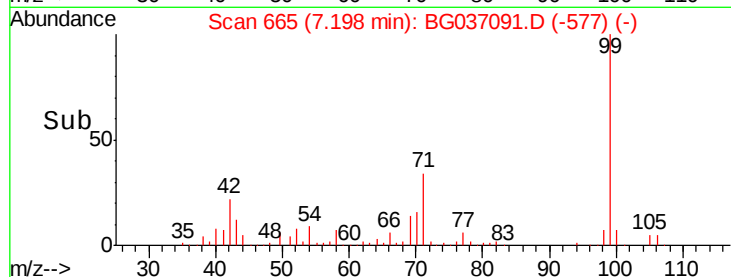
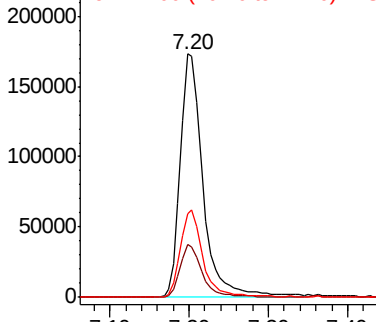
99 100

42 21.7 16.5 24.7

71 34.5 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: 37.729 ng

RT: 7.60 min Scan# 734

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

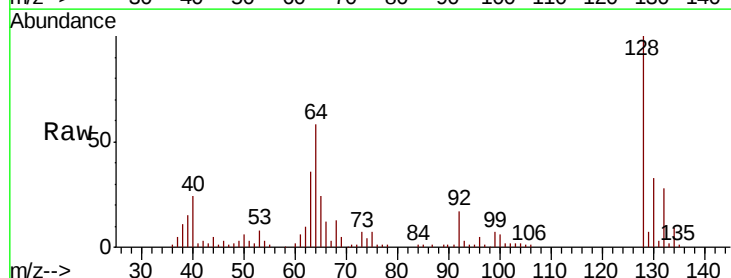
Tgt Ion: 128 Resp: 98234

Ion Ratio Lower Upper

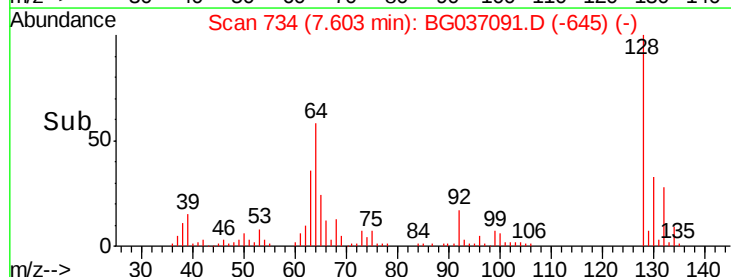
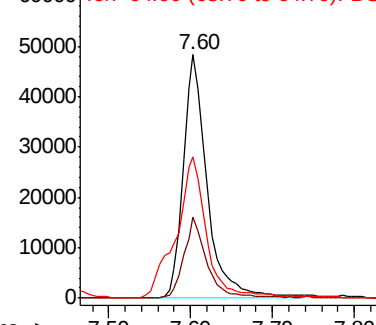
128 100

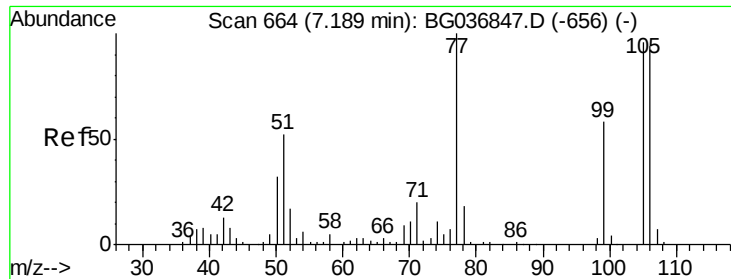
130 33.3 10.0 50.0

64 57.9 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: 21.635 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

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PB113379BS

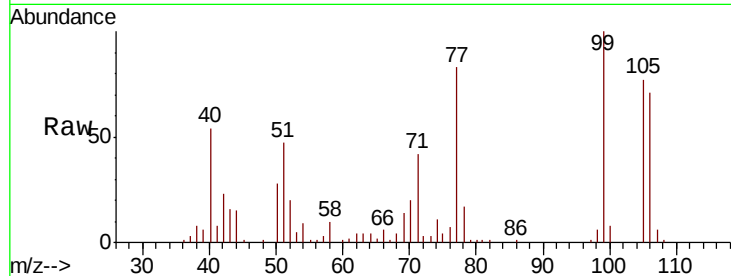
Tgt Ion: 77 Resp: 49599

Ion Ratio Lower Upper

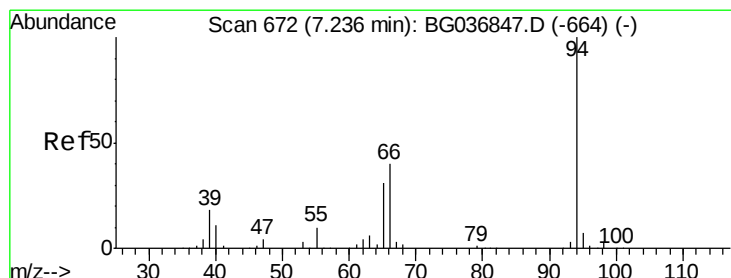
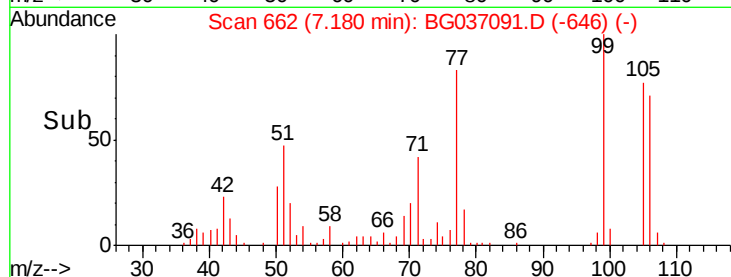
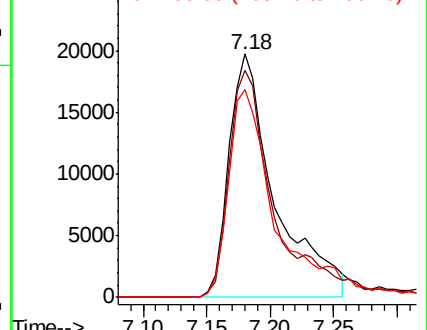
77 100

105 93.0 70.5 110.5

106 85.2 69.8 109.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.901 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

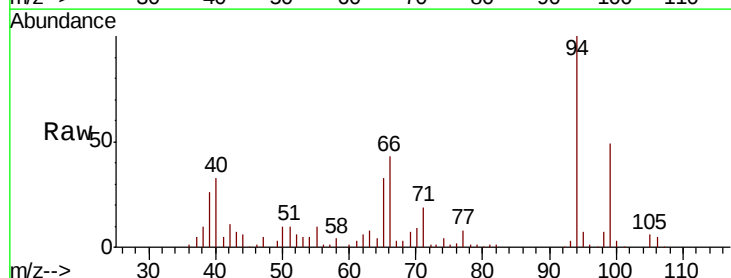
Tgt Ion: 94 Resp: 132127

Ion Ratio Lower Upper

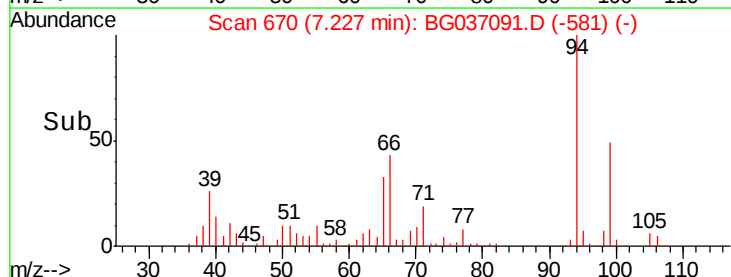
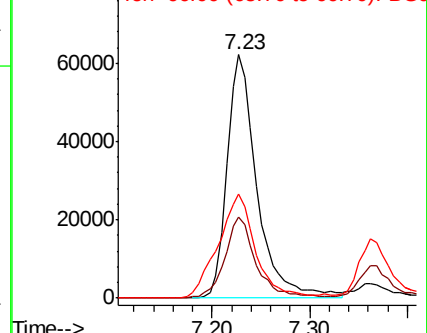
94 100

65 33.4 11.5 51.5

66 42.6 19.5 59.5



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

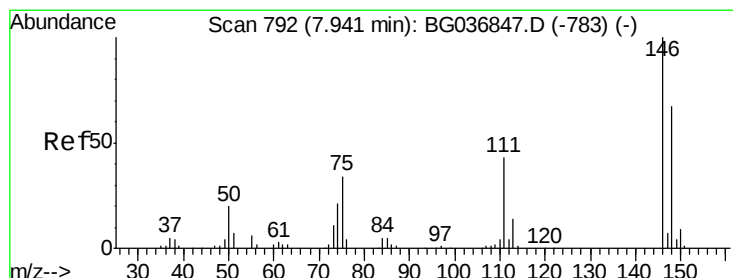
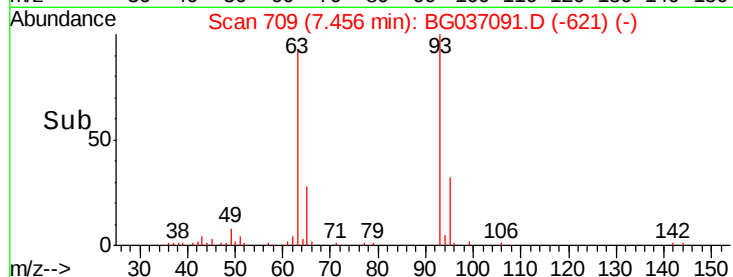
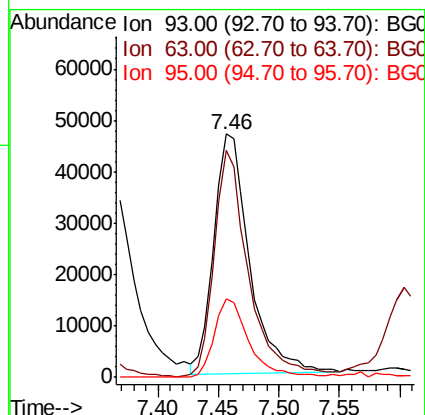
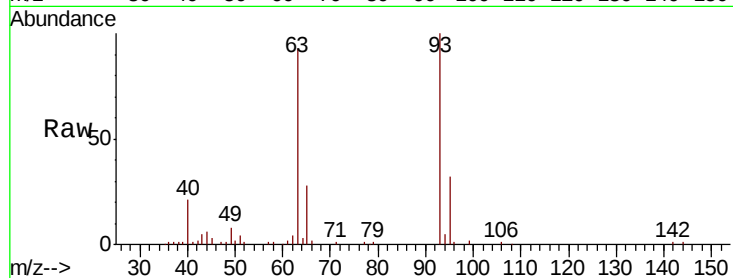




#11
bis(2-Chloroethyl)ether
Concen: 28.741 ng
RT: 7.46 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

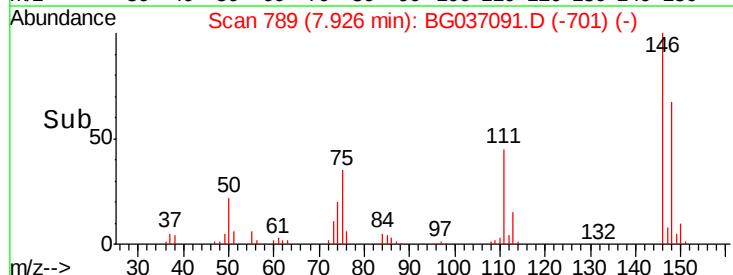
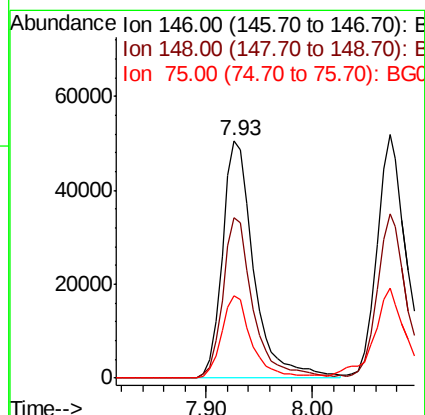
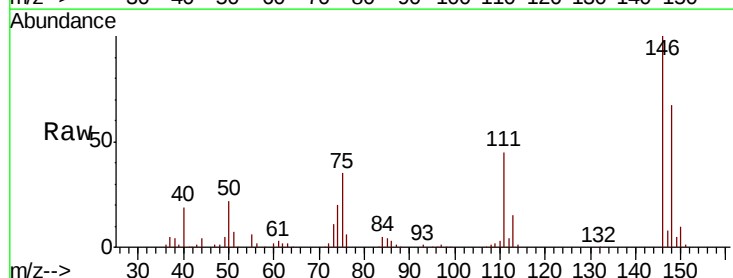
Instrument :
BNA_G
ClientSampleId :
PB113379BS

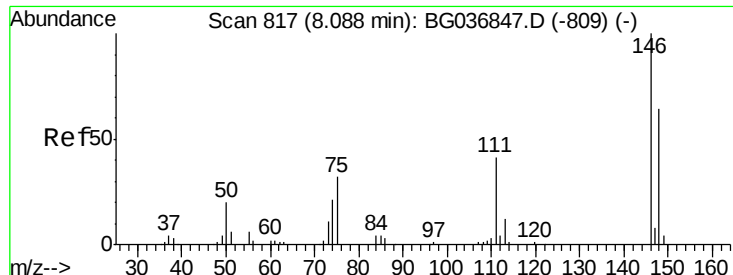
Tgt Ion: 93 Resp: 95193
Ion Ratio Lower Upper
93 100
63 93.3 69.9 109.9
95 32.1 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 32.649 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion: 146 Resp: 104217
Ion Ratio Lower Upper
146 100
148 67.4 53.8 80.6
75 34.7 27.2 40.8

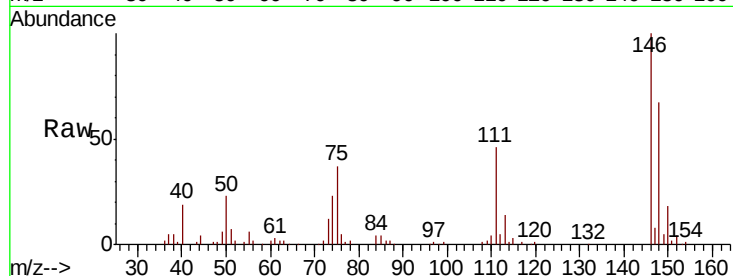




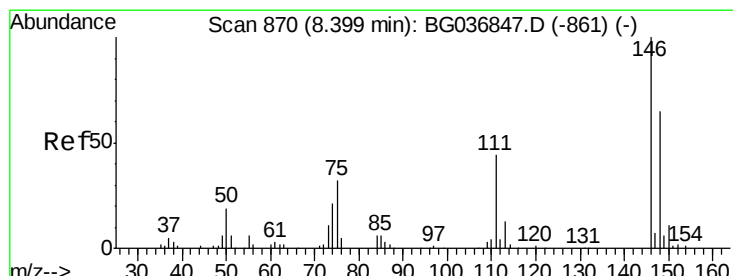
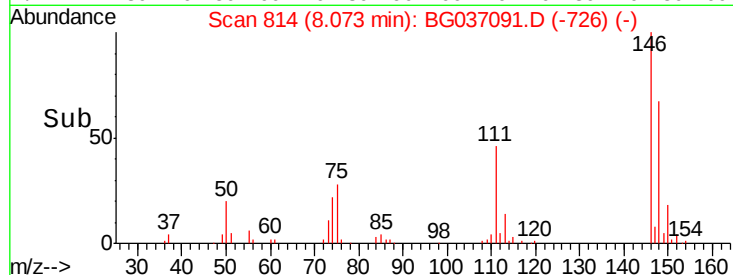
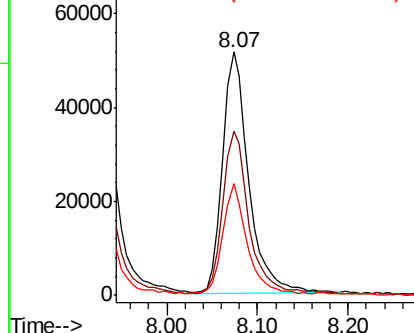
#13
 1,4-Dichlorobenzene
 Concen: 31.468 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Tgt Ion:146 Resp: 102796
 Ion Ratio Lower Upper
 146 100
 148 67.4 53.9 80.9
 111 45.8 33.8 50.6

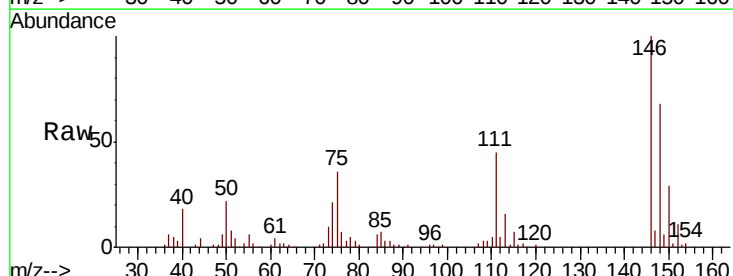


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

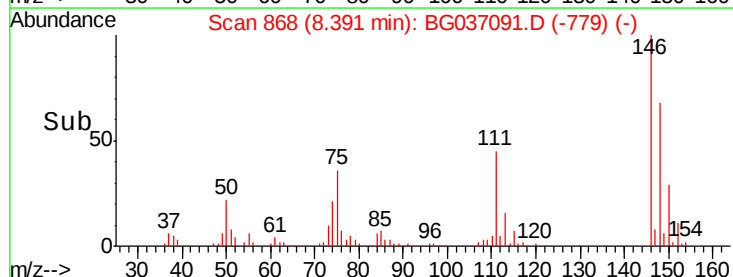
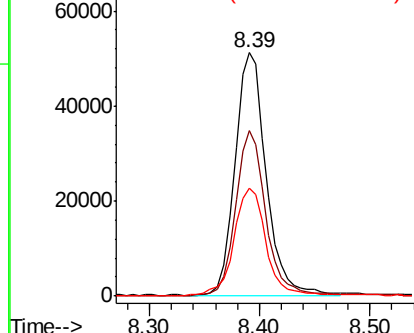


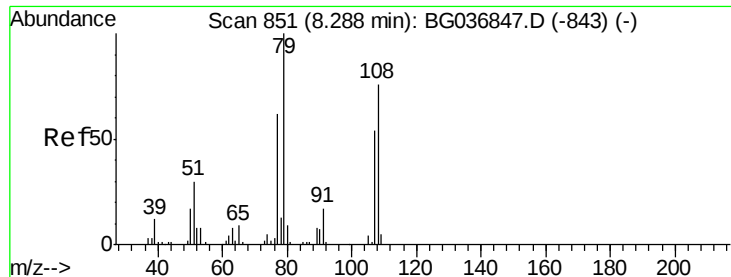
#14
 1,2-Dichlorobenzene
 Concen: 32.214 ng
 RT: 8.39 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion:146 Resp: 101976
 Ion Ratio Lower Upper
 146 100
 148 67.8 55.0 82.6
 111 44.6 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: 30.377 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

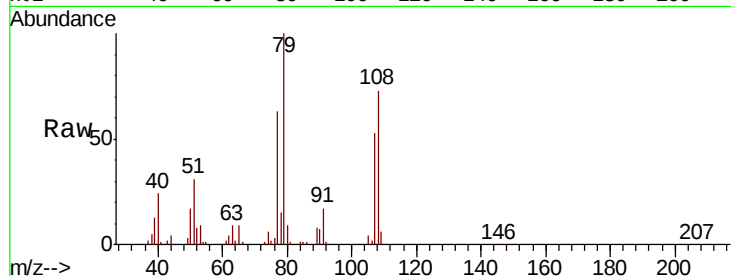
Tgt Ion: 79 Resp: 85513

Ion Ratio Lower Upper

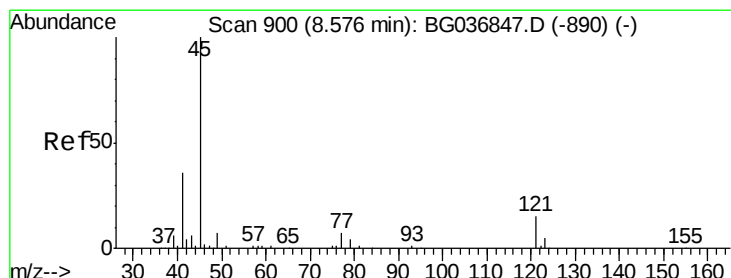
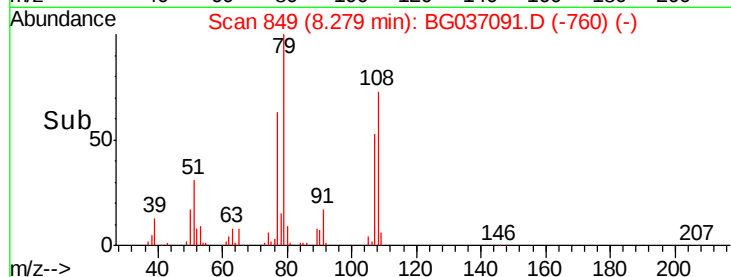
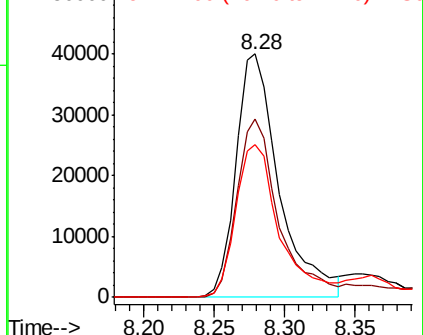
79 100

108 73.3 55.9 83.9

77 62.6 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: 32.185 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

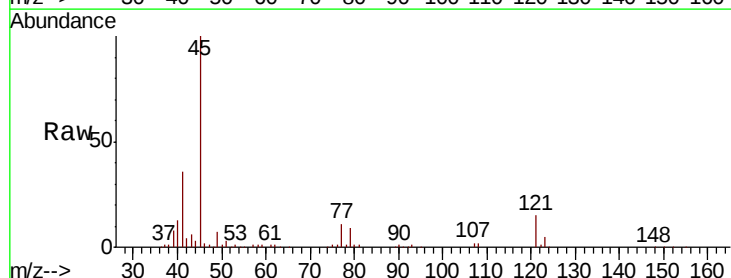
Tgt Ion: 45 Resp: 204655

Ion Ratio Lower Upper

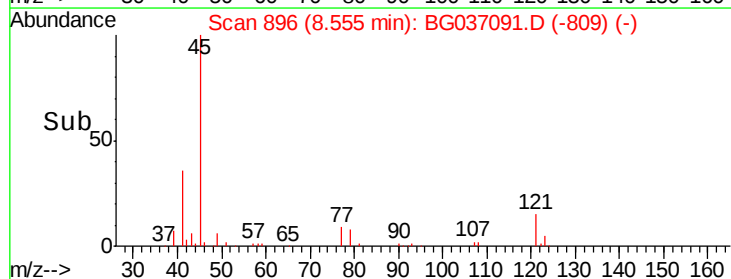
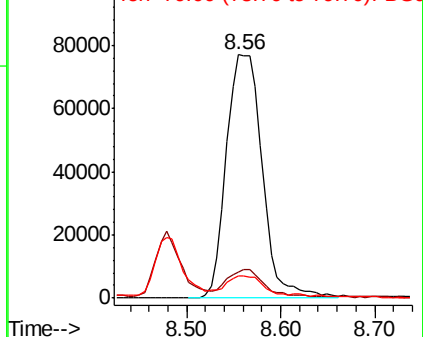
45 100

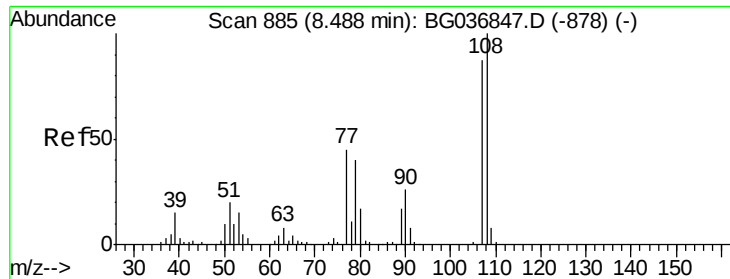
77 10.8 0.0 30.5

79 9.2 0.0 27.9



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

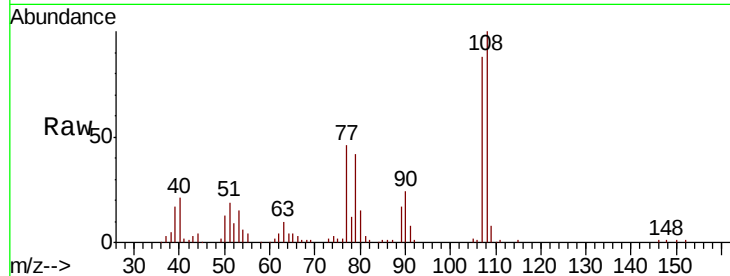




#17
2-Methylphenol
Concen: 34.211 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:	107	Resp:	85326
Ion	Ratio	Lower	Upper
107	100		
108	113.3	86.7	130.1
77	51.9	39.0	58.4
79	47.3	36.6	54.8



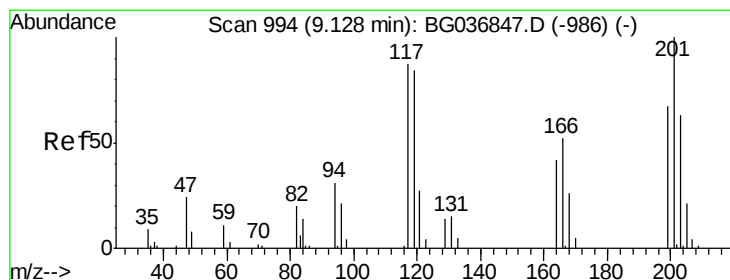
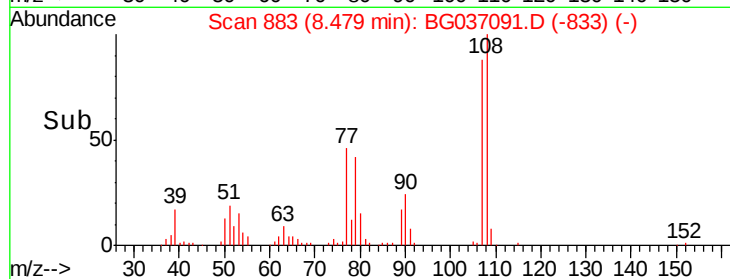
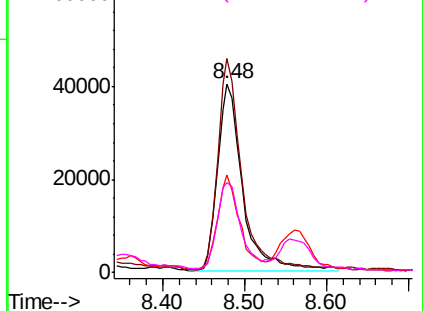
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

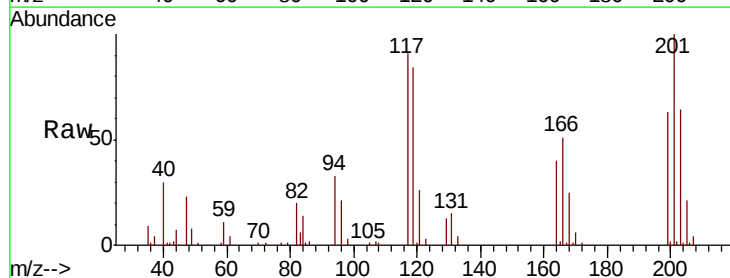
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 34.642 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:	117	Resp:	41644
Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.8	115.2
201	109.4	85.7	128.5

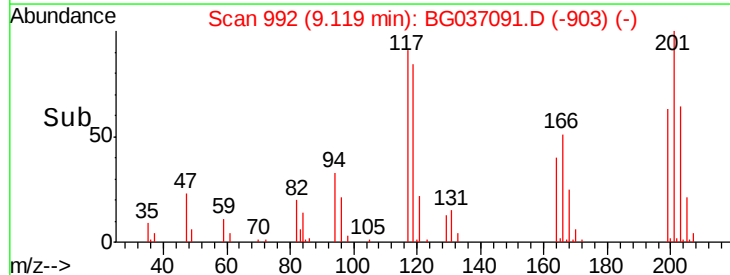
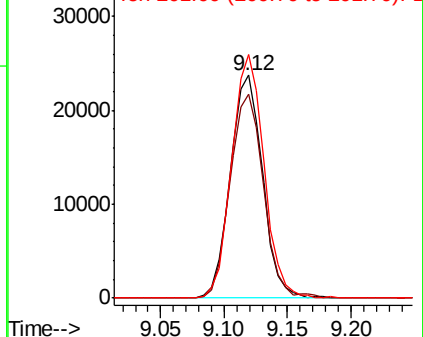


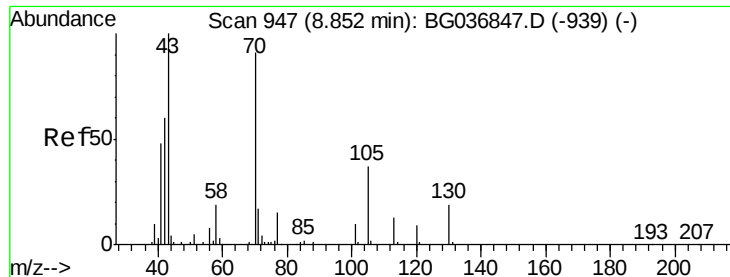
Abundance

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

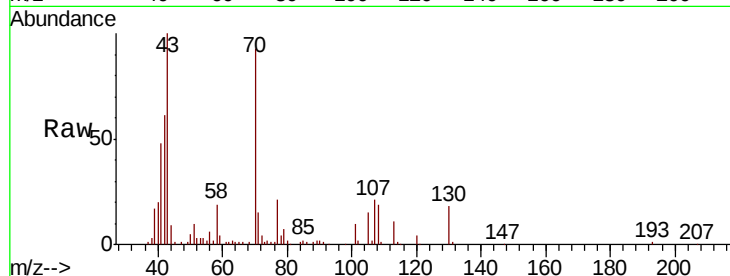




#19
n-Nitroso-di-n-propylamine
Concen: 28.709 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:	70	Resp:	82858
Ion	Ratio	Lower	Upper
70	100		
42	65.7	56.2	84.4
101	10.3	7.8	11.6
130	19.5	16.2	24.2



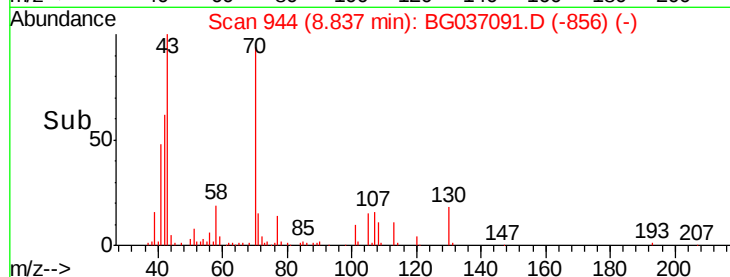
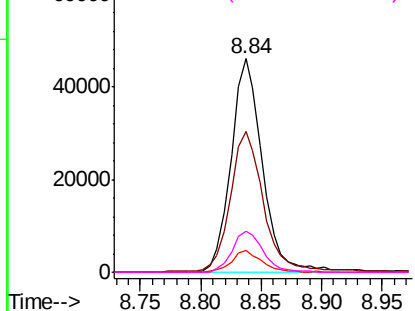
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

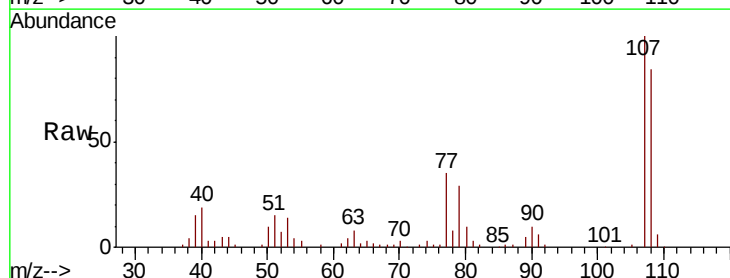
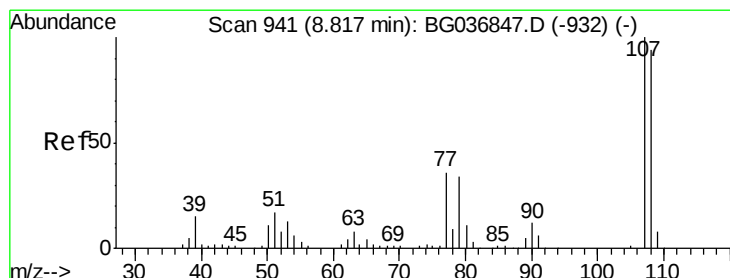
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 34.031 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:	107	Resp:	118076
Ion	Ratio	Lower	Upper
107	100		
108	83.6	68.0	108.0
77	35.4	15.6	55.6
79	29.4	9.9	49.9



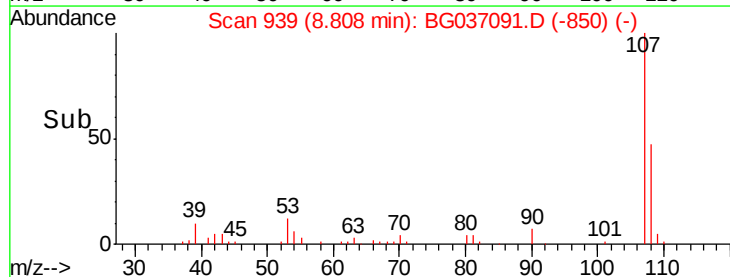
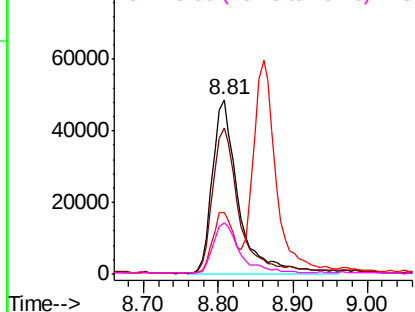
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

Tgt Ion:136 Resp: 185383

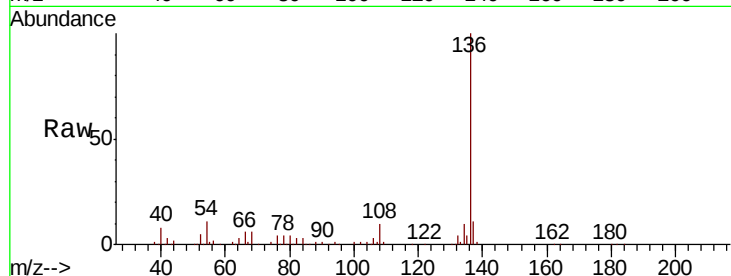
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.9 9.2 13.8

68 6.2 5.8 8.6

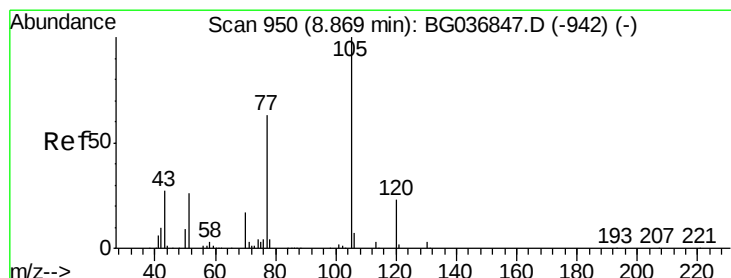
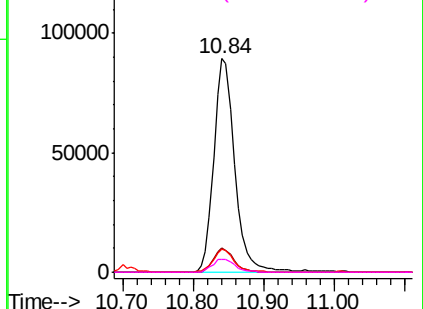
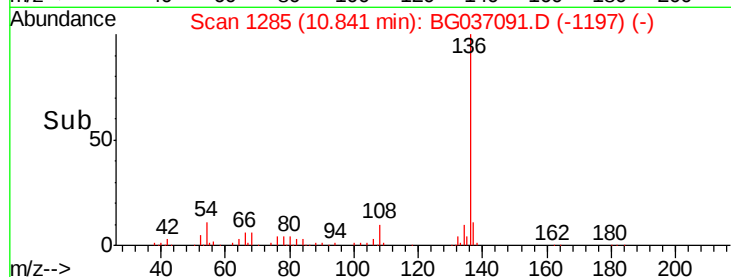


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 34.347 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Tgt Ion:105 Resp: 149632

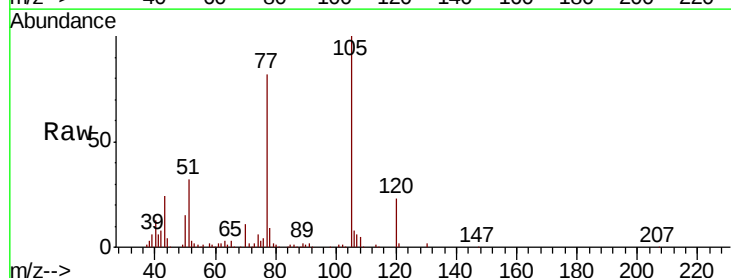
Ion Ratio Lower Upper

105 100

71 1.7 2.4 3.6#

51 31.9 25.9 38.9

120 22.8 19.4 29.0

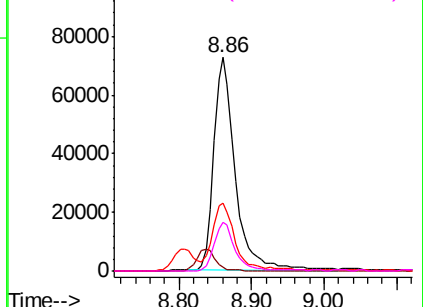
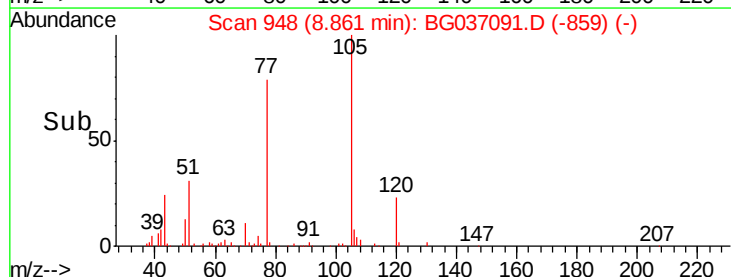


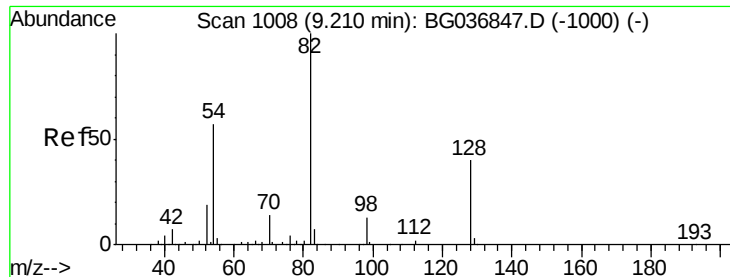
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

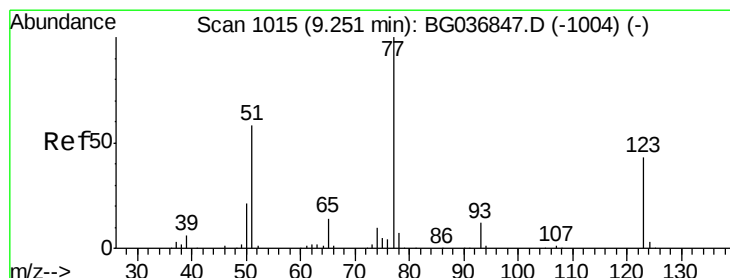
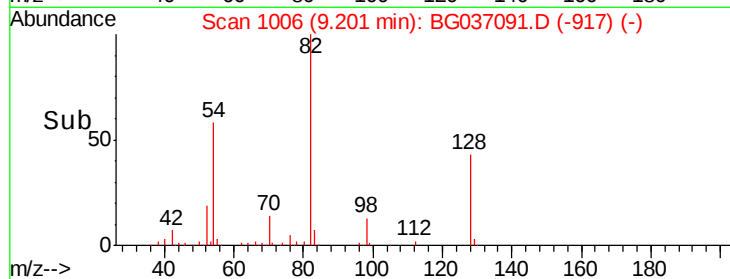
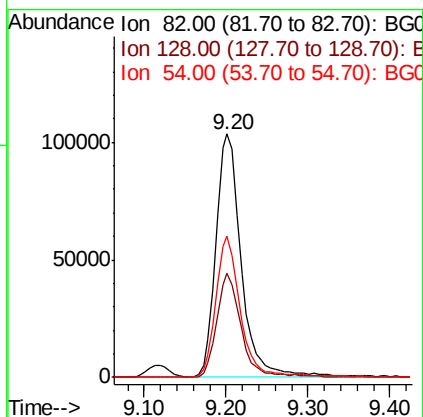
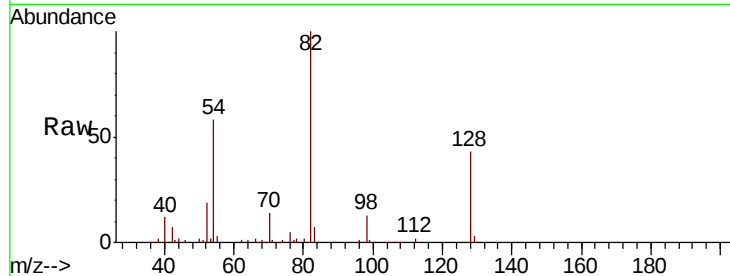




#23
 Nitrobenzene-d5
 Concen: 64.720 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

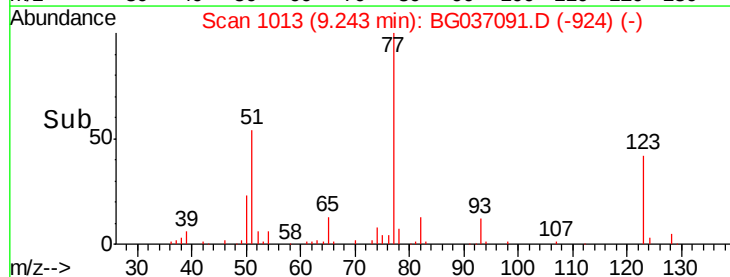
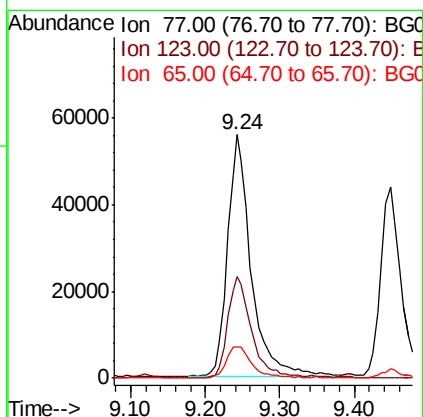
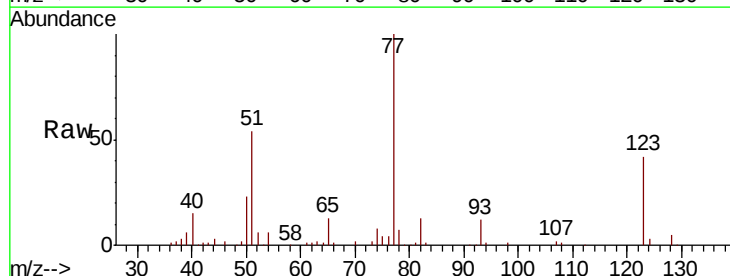
Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

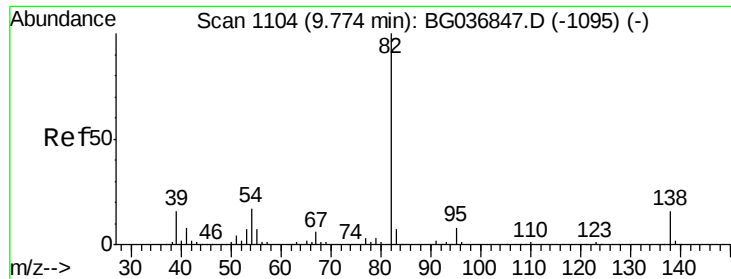
Tgt Ion: 82 Resp: 224047
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.3 49.9
 54 57.8 45.1 67.7



#24
 Nitrobenzene
 Concen: 33.492 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion: 77 Resp: 123815
 Ion Ratio Lower Upper
 77 100
 123 41.7 32.4 48.6
 65 13.1 11.5 17.3

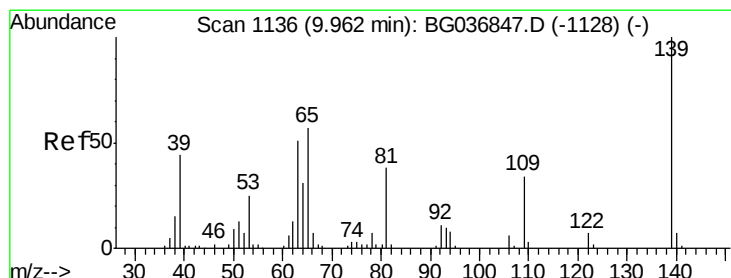
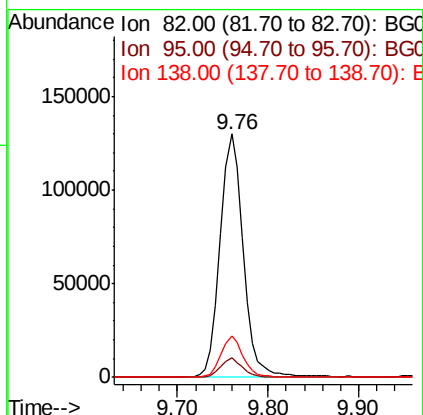
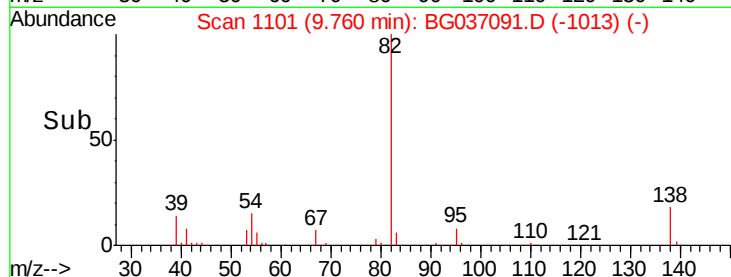
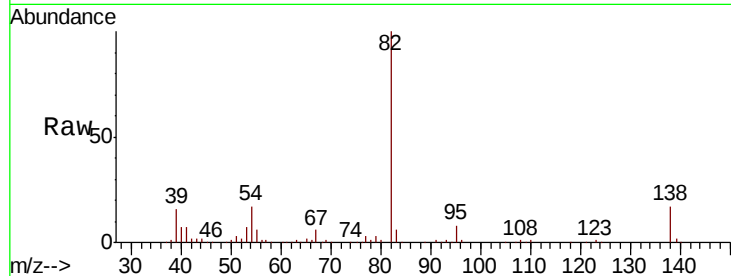




#25
Isophorone
Concen: 36.258 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

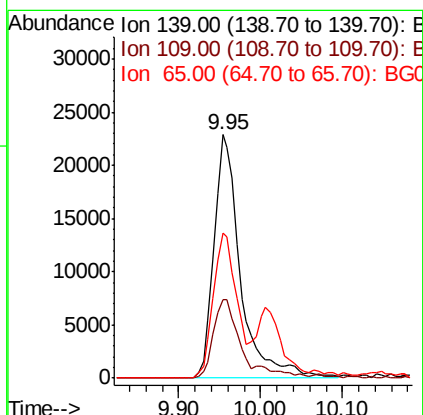
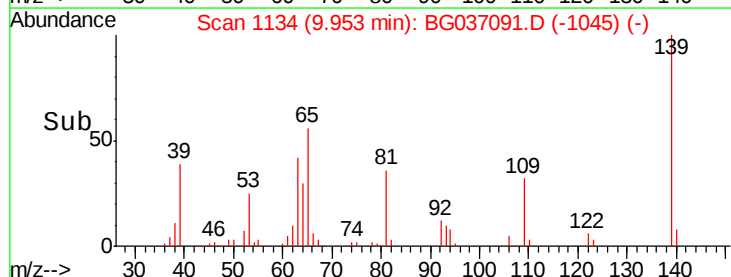
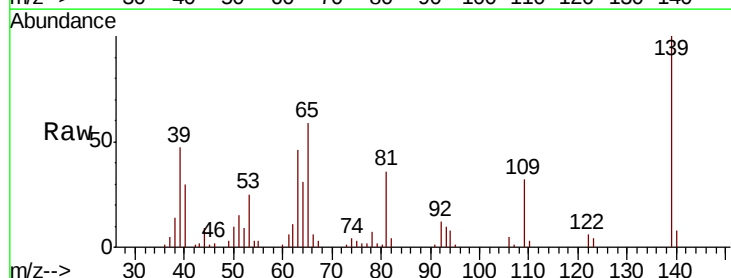
Instrument :
BNA_G
ClientSampleId :
PB113379BS

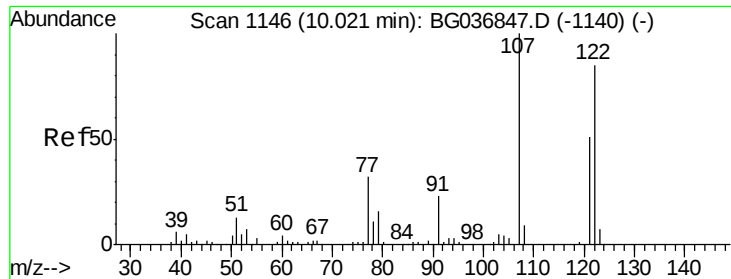
Tgt Ion: 82 Resp: 229346
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 34.937 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion: 139 Resp: 51481
Ion Ratio Lower Upper
139 100
109 32.0 27.4 41.0
65 59.3 47.8 71.6

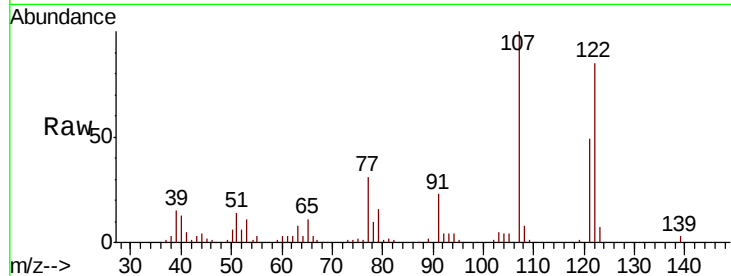




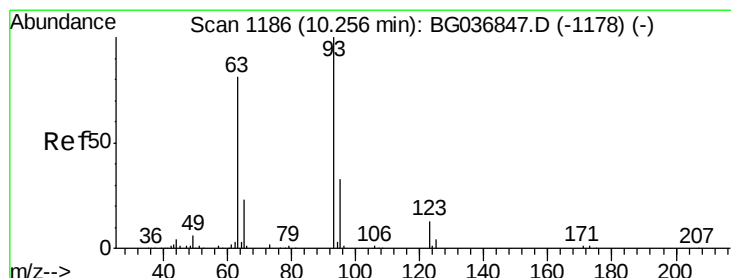
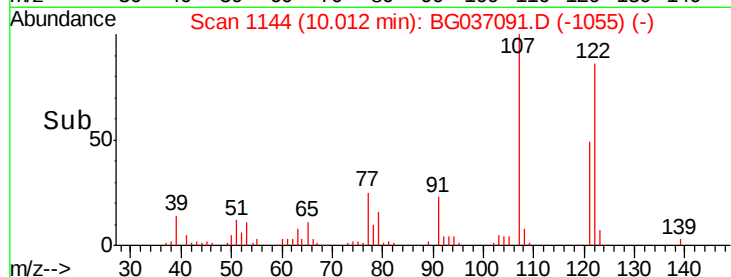
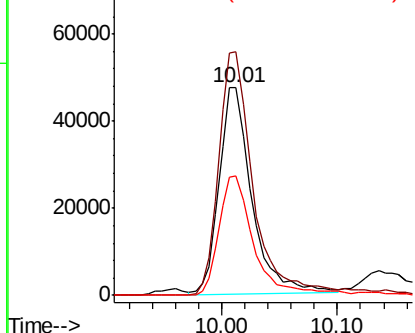
#27
2,4-Dimethylphenol
Concen: 40.398 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion: 122 Resp: 92729
Ion Ratio Lower Upper
122 100
107 117.2 96.0 144.0
121 57.6 48.2 72.4

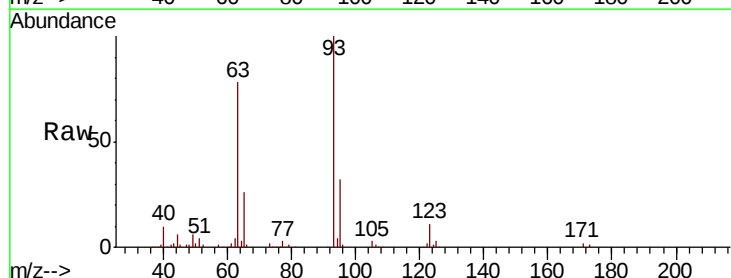


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

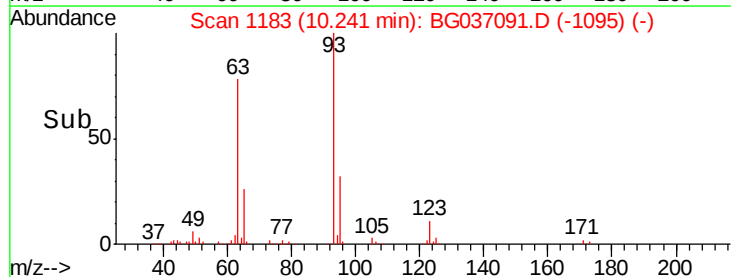
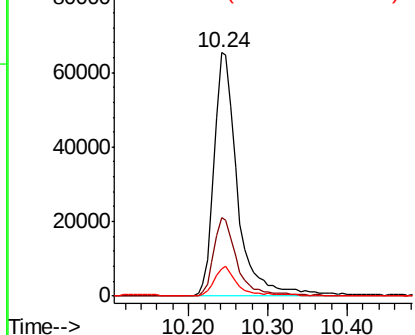


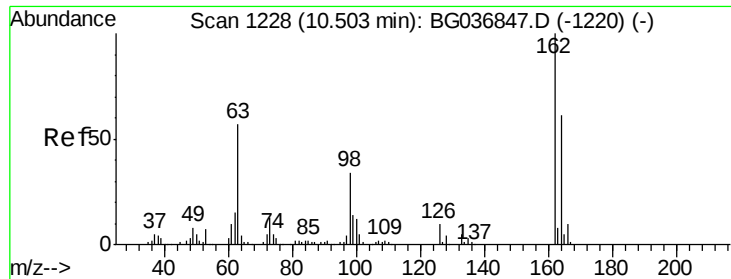
#28
bis(2-Chloroethoxy)methane
Concen: 34.485 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion: 93 Resp: 134601
Ion Ratio Lower Upper
93 100
95 32.0 25.2 37.8
123 11.5 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

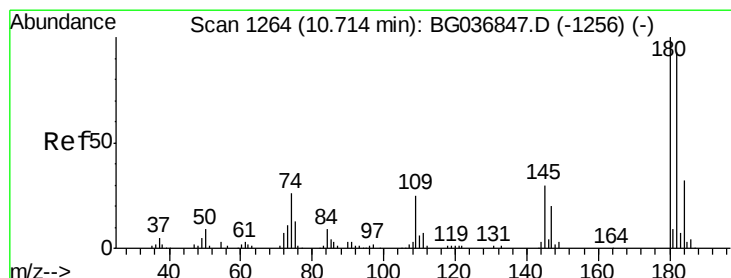
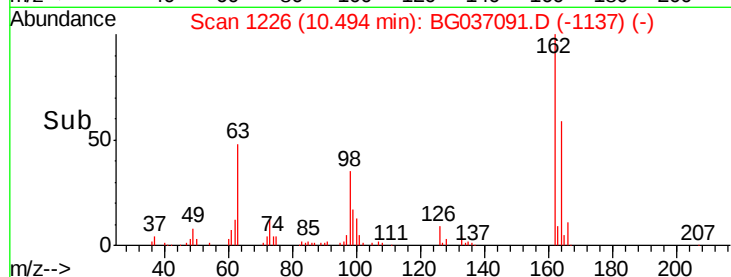
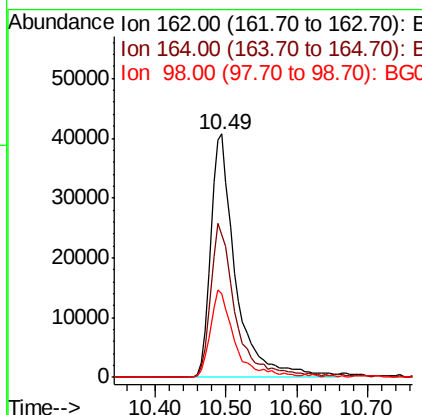
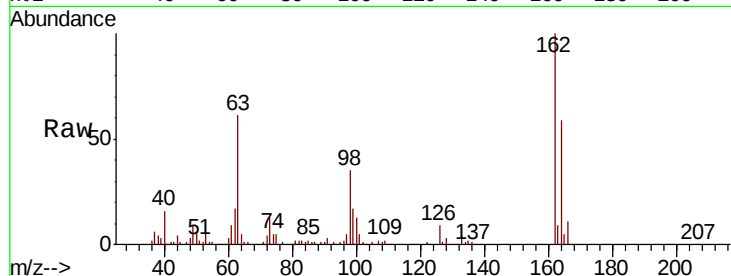




#29
 2,4-Dichlorophenol
 Concen: 37.624 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

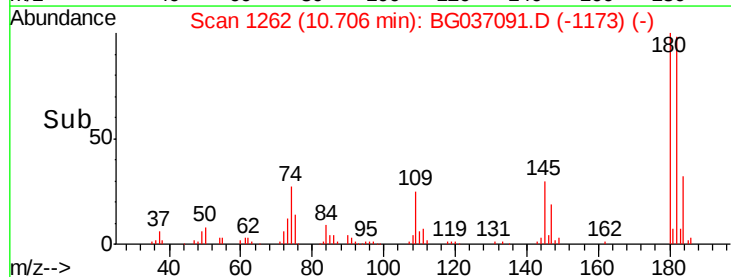
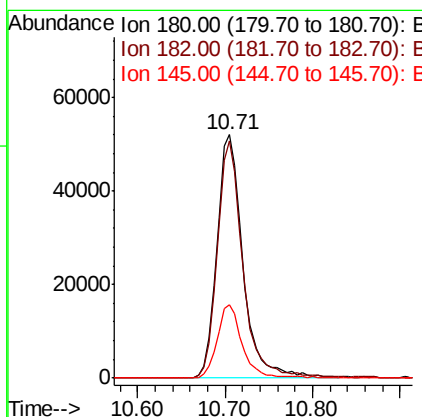
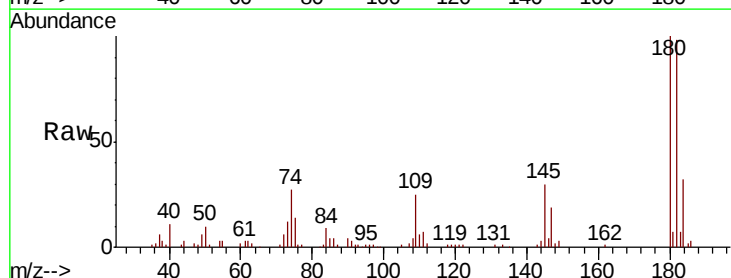
Instrument :
 BNA_G
 ClientSampleID :
 PB113379BS

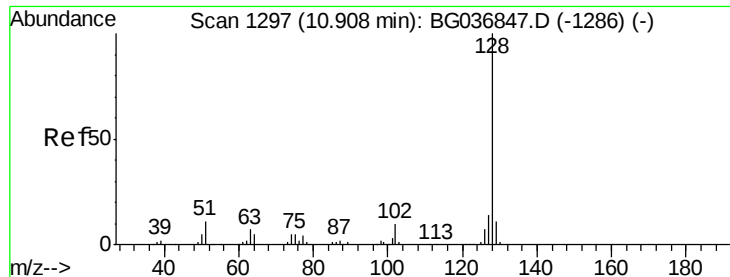
Tgt Ion:162 Resp: 100113
 Ion Ratio Lower Upper
 162 100
 164 58.7 47.6 87.6
 98 34.6 19.2 59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 32.103 ng
 RT: 10.71 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion:180 Resp: 106901
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.0 114.0
 145 30.3 22.9 34.3

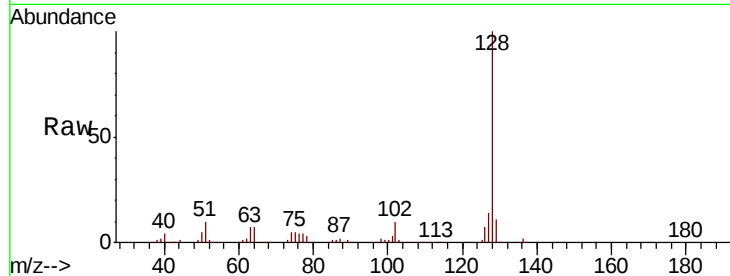




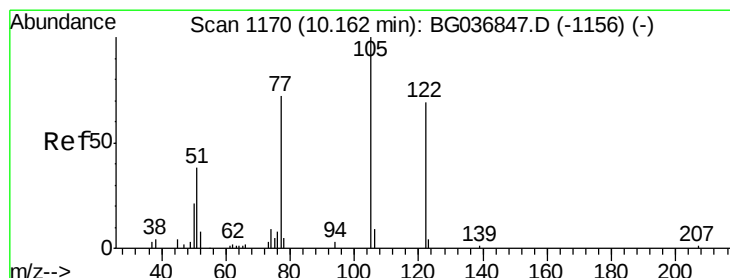
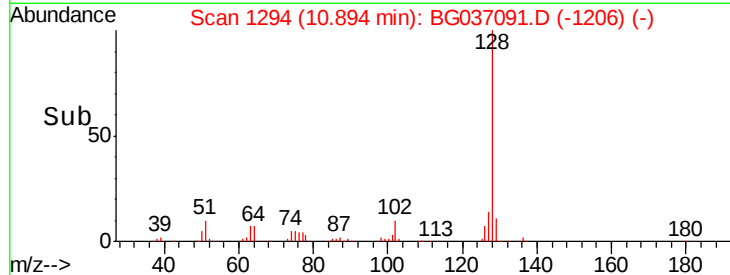
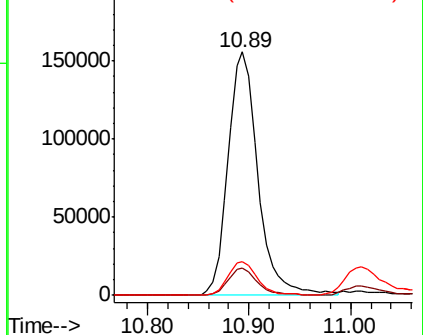
#31
Naphthalene
Concen: 36.198 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:128 Resp: 319295
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.8 11.0 16.4

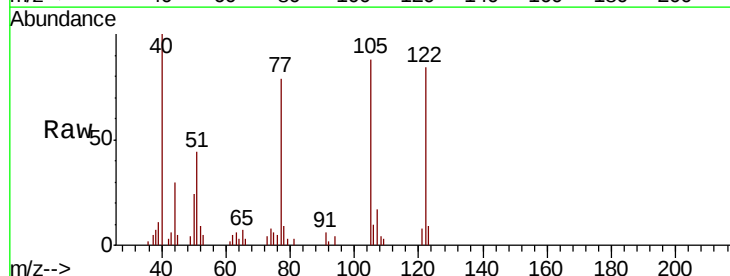


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

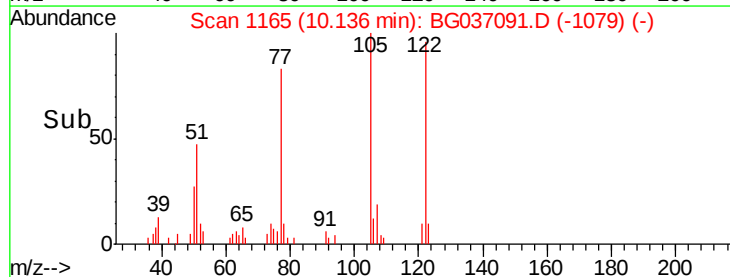
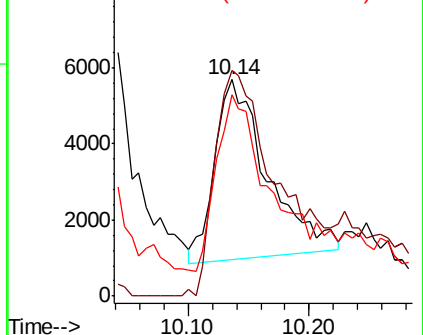


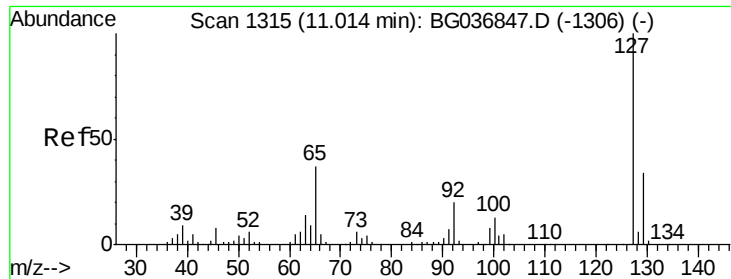
#32
Benzoic acid
Concen: 12.943 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:122 Resp: 14258
Ion Ratio Lower Upper
122 100
105 104.3 108.1 148.1#
77 93.2 76.3 116.3



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

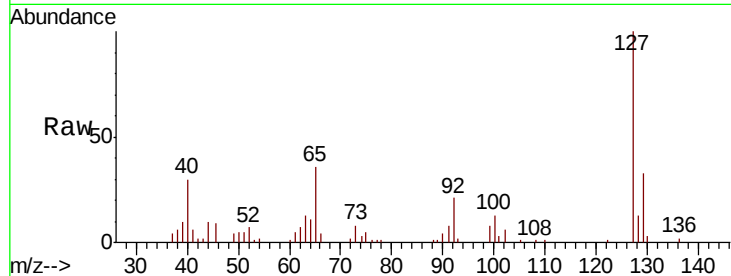




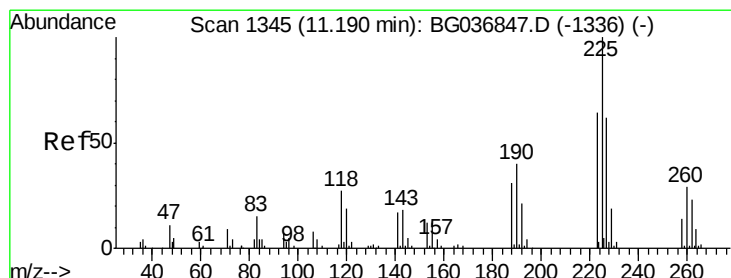
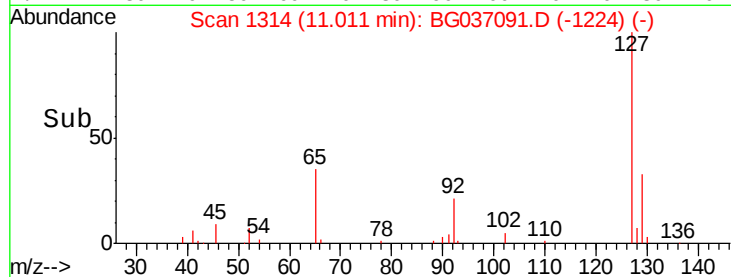
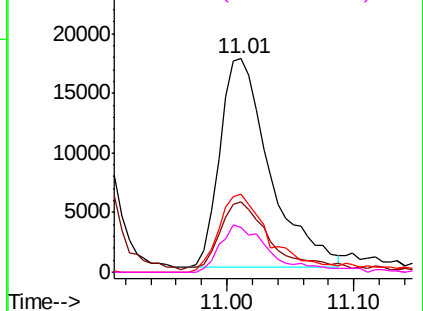
#33
4-Chloroaniline
Concen: 11.996 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:	127	Resp:	48108
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	36.5	27.5	41.3
92	20.8	16.2	24.2

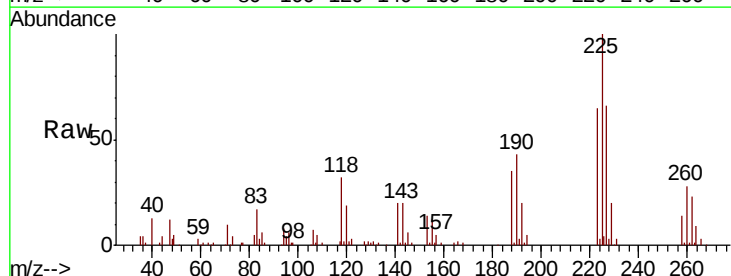


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

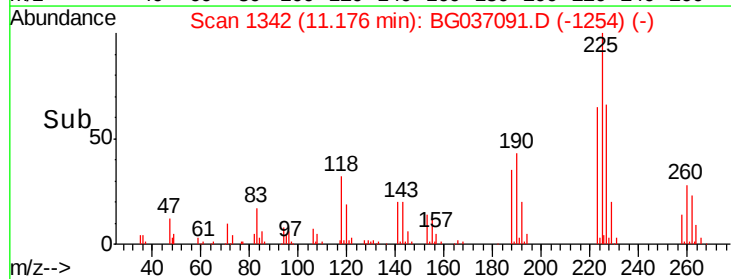
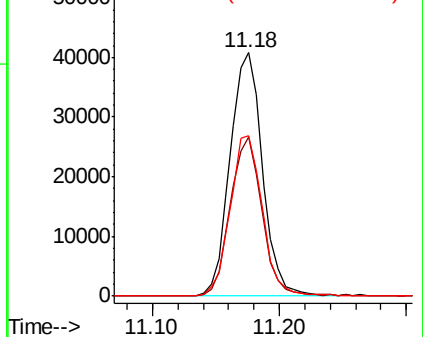


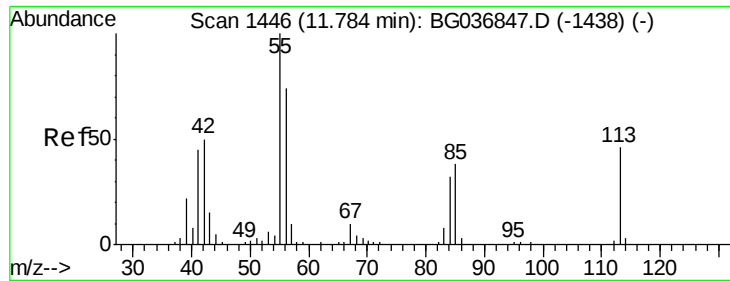
#34
Hexachlorobutadiene
Concen: 31.256 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:	225	Resp:	71977
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.8	77.8
227	65.7	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

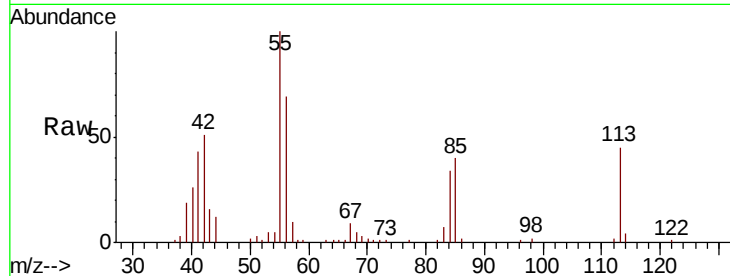




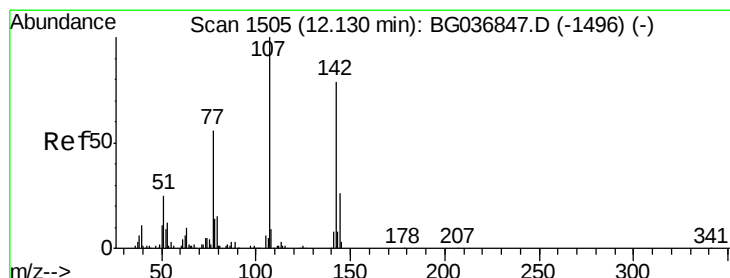
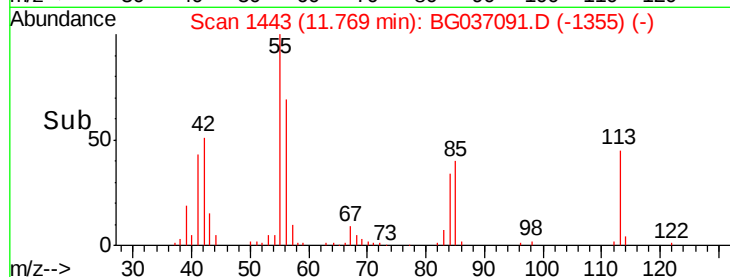
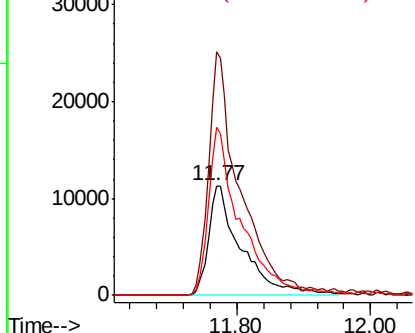
#35
 Caprolactam
 Concen: 35.158 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Tgt Ion:113 Resp: 38504
 Ion Ratio Lower Upper
 113 100
 55 222.4 197.7 237.7
 56 153.4 131.7 171.7

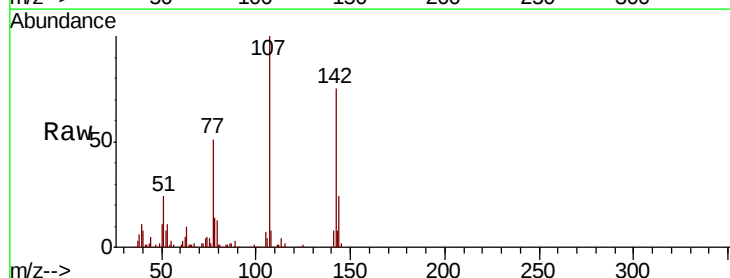


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

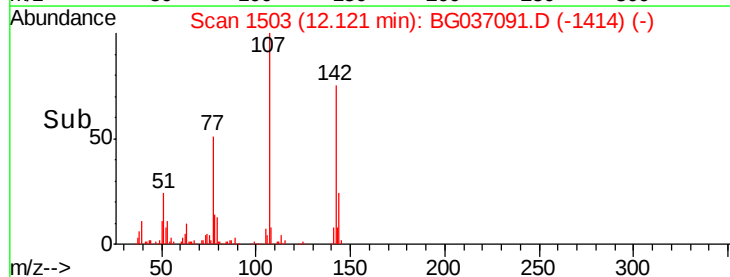
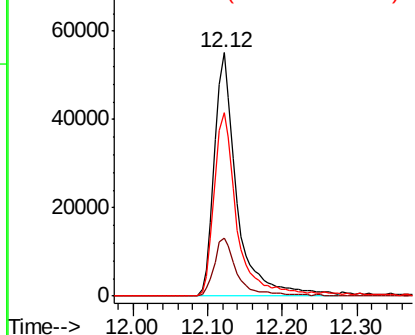


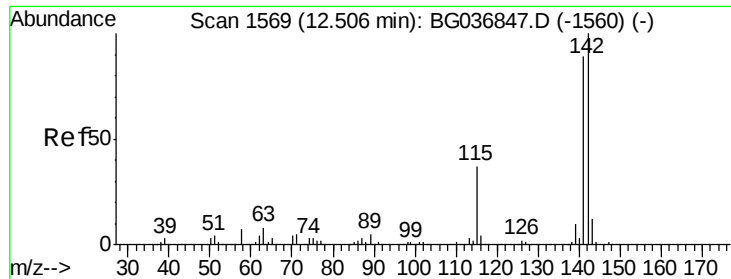
#36
 4-Chloro-3-methylphenol
 Concen: 36.484 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion:107 Resp: 115833
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.5 29.3
 142 75.4 62.4 93.6



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

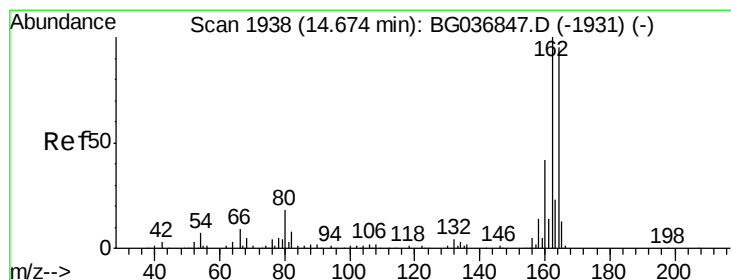
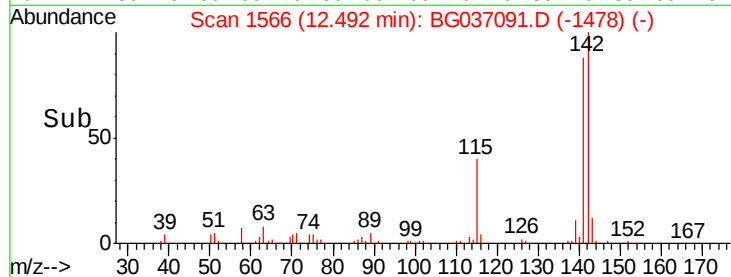
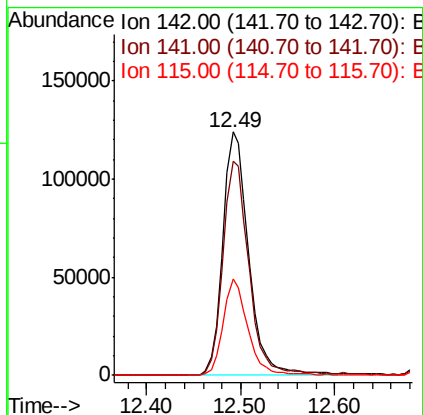
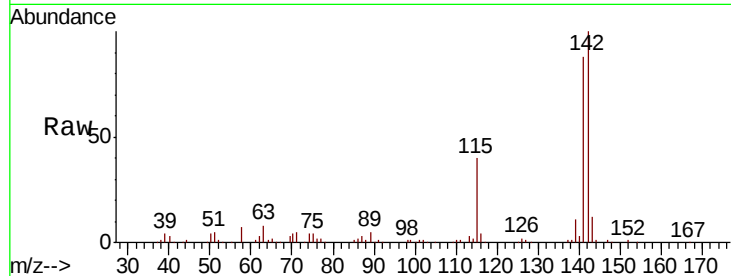




#37
2-Methylnaphthalene
Concen: 35.485 ng
RT: 12.49 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

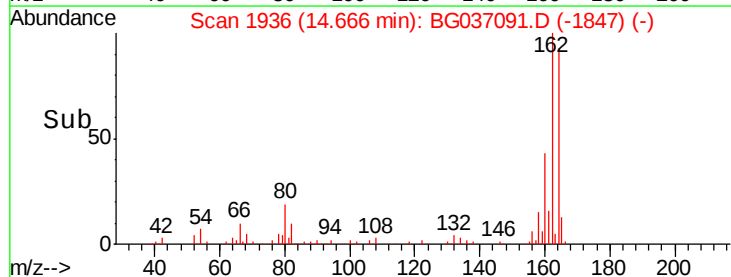
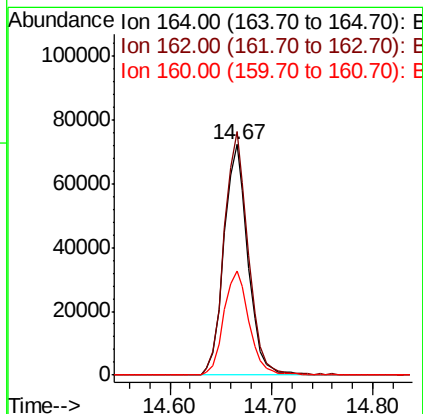
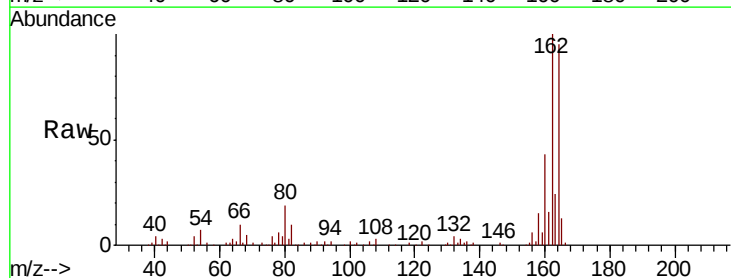
Instrument :
BNA_G
ClientSampleId :
PB113379BS

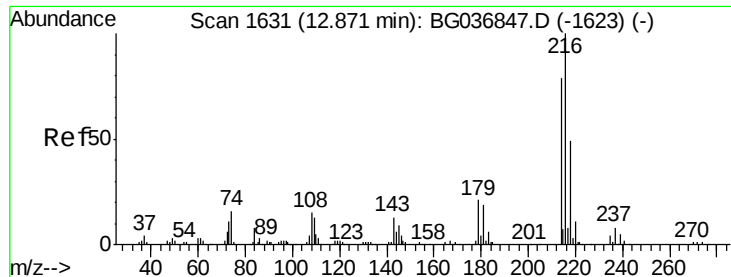
Tgt Ion:142 Resp: 238387
Ion Ratio Lower Upper
142 100
141 88.2 68.5 102.7
115 39.6 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:164 Resp: 118707
Ion Ratio Lower Upper
164 100
162 105.7 80.7 121.1
160 44.9 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.427 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

Tgt Ion:216 Resp: 134256

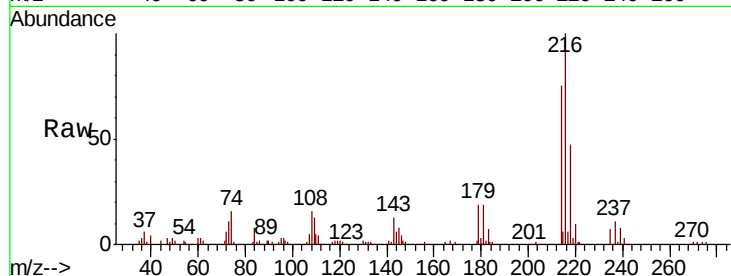
Ion Ratio Lower Upper

216 100

214 76.9 61.0 91.6

179 20.0 15.7 23.5

108 18.6 13.1 19.7

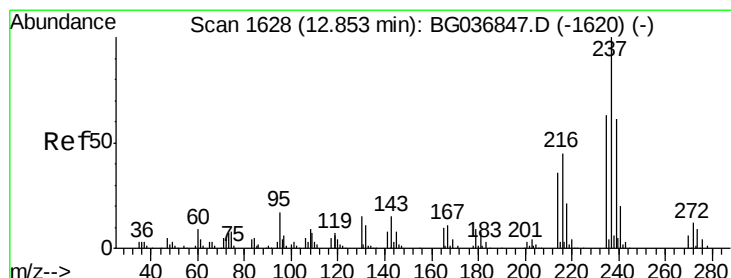
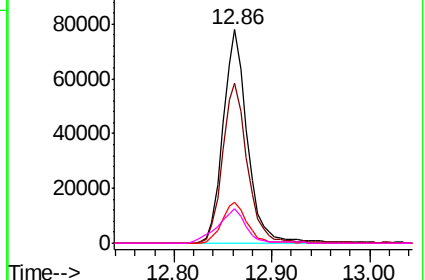
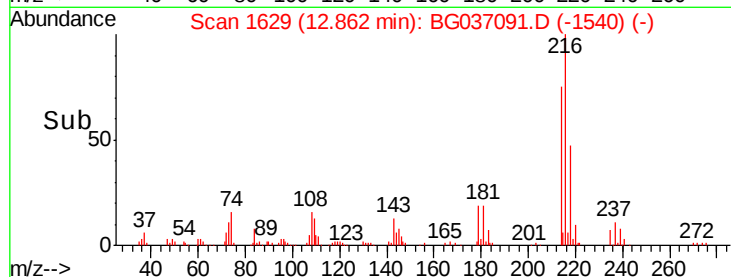


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.930 ng

RT: 12.84 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

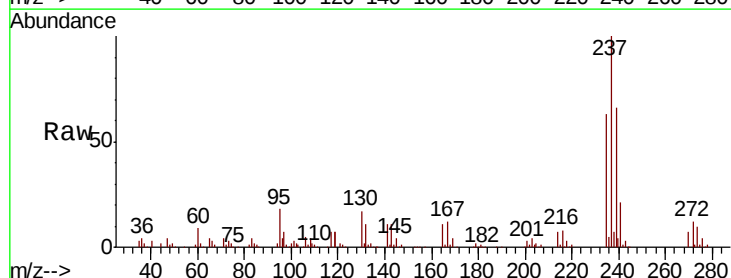
Tgt Ion:237 Resp: 155295

Ion Ratio Lower Upper

237 100

235 63.0 42.2 82.2

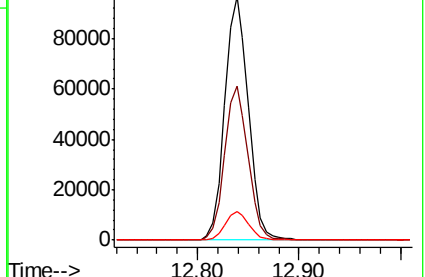
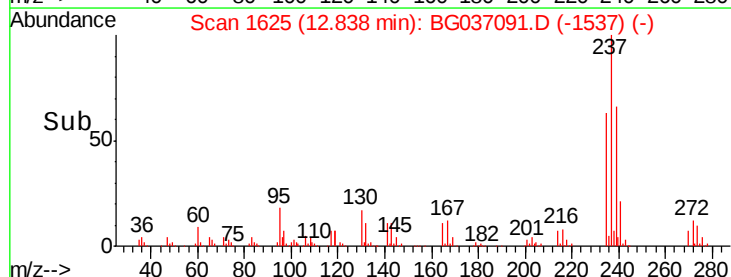
272 11.6 0.0 32.1

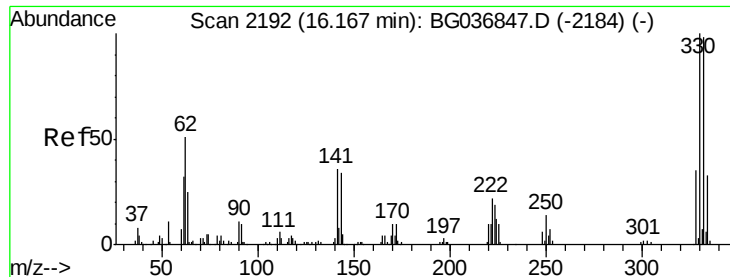


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 101.382 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

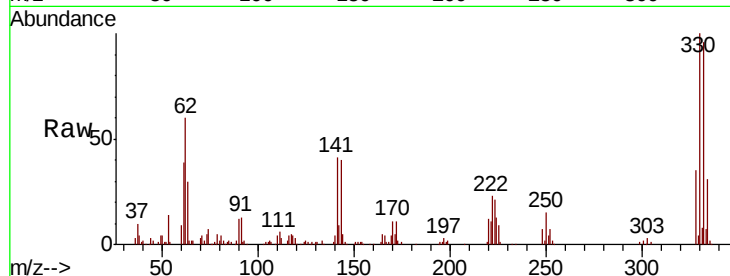
Tgt Ion:330 Resp: 143989

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.2

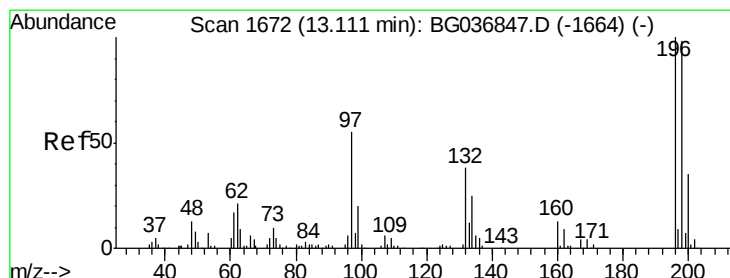
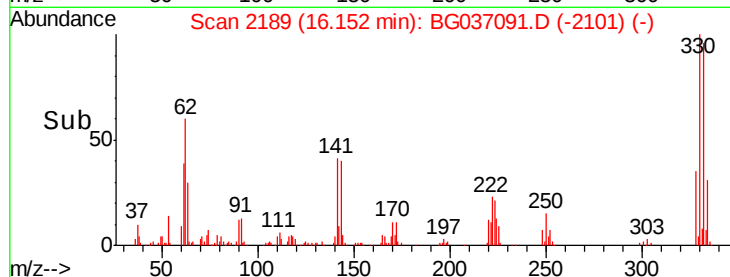
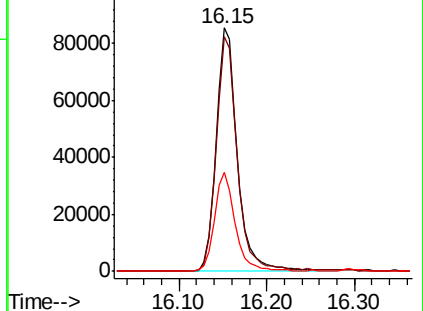
141 39.5 30.7 46.1



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: 35.130 ng

RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

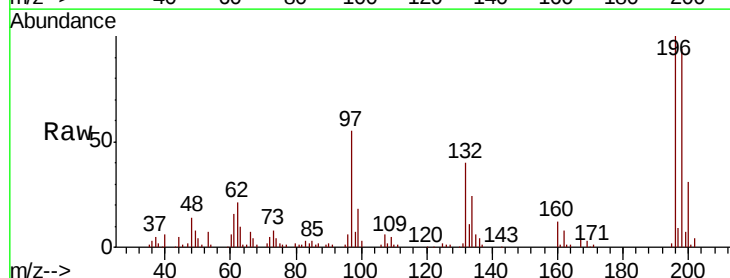
Tgt Ion:196 Resp: 80767

Ion Ratio Lower Upper

196 100

198 93.6 77.2 115.8

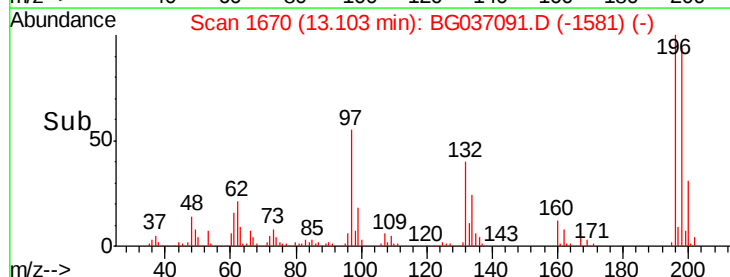
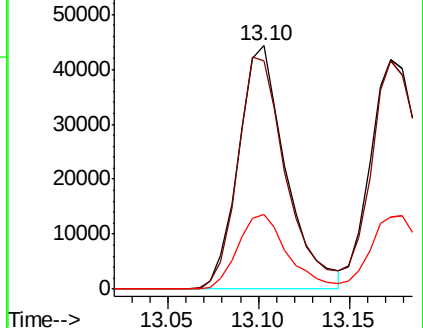
200 30.6 26.3 39.5



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

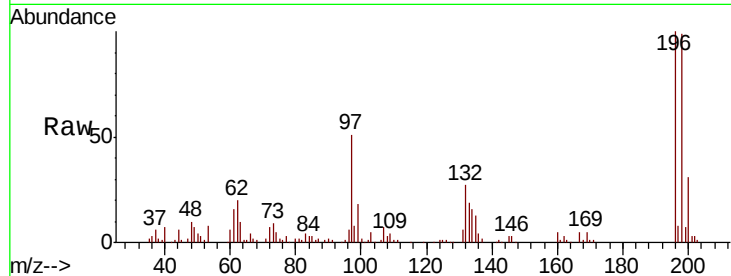




#43
 2,4,5-Trichlorophenol
 Concen: 37.800 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Tgt Ion	Resp	Lower	Upper
196	100		
198	99.2	75.6	113.4
97	50.8	37.2	55.8
132	27.1	19.4	29.2



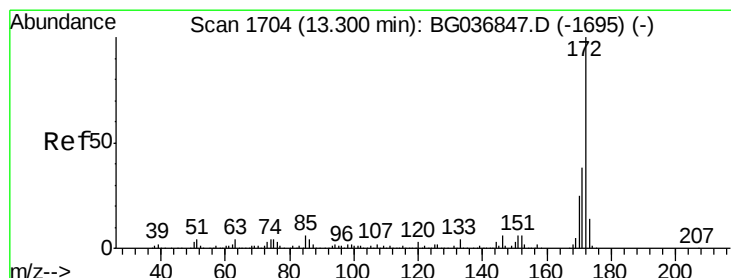
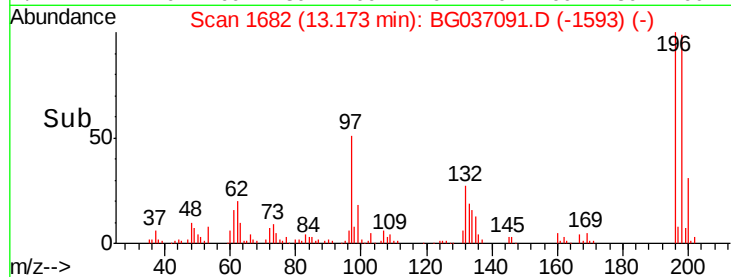
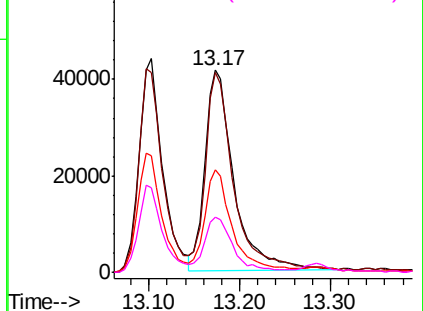
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

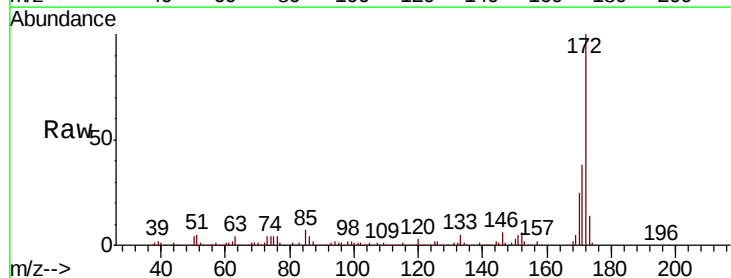
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.558 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.2	21.0	31.6

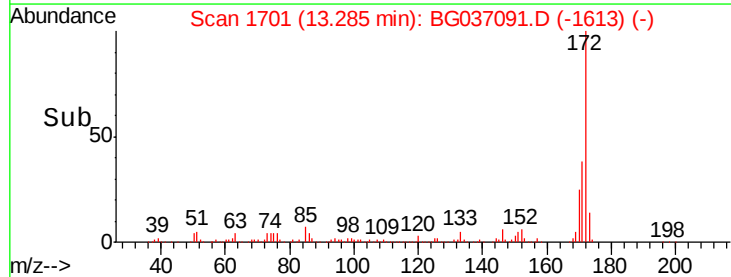
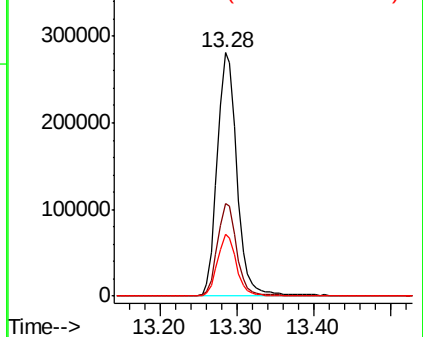


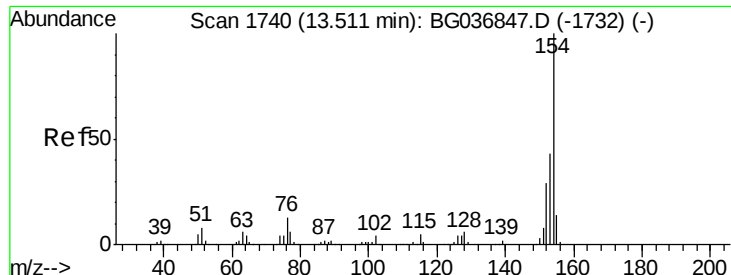
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

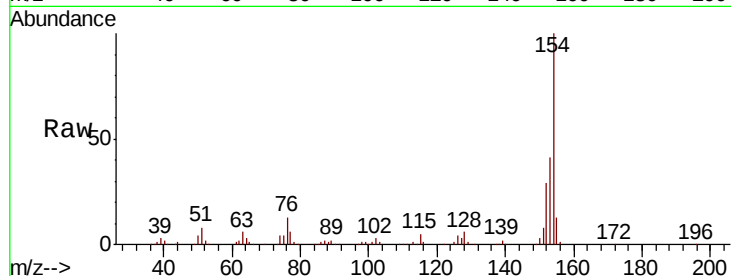




#45
 1,1'-Biphenyl
 Concen: 34.649 ng
 RT: 13.50 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	24.0	64.0
76	13.4	0.0	32.9

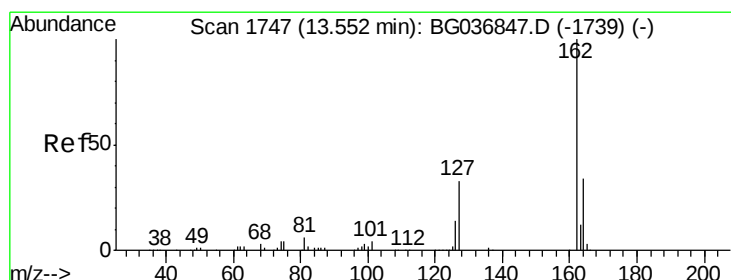
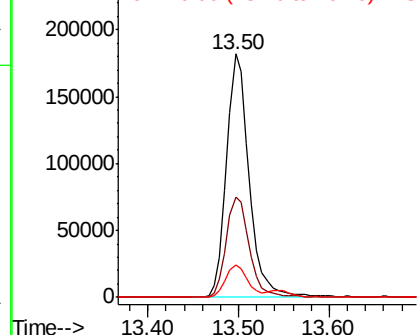
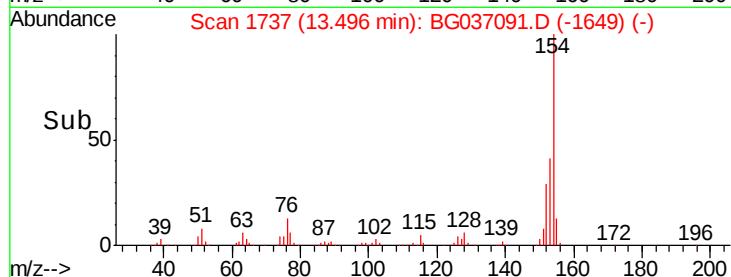


Abundance

Ion 154.00 (153.70 to 154.70): E

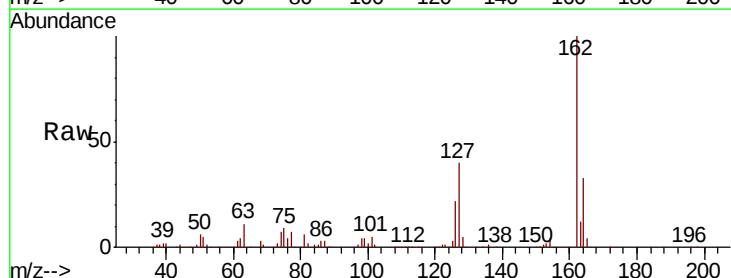
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 33.693 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.7	46.1
164	32.7	26.7	40.1

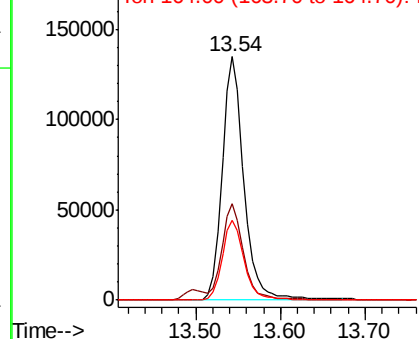
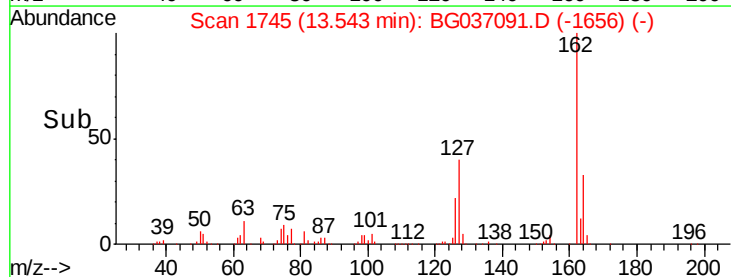


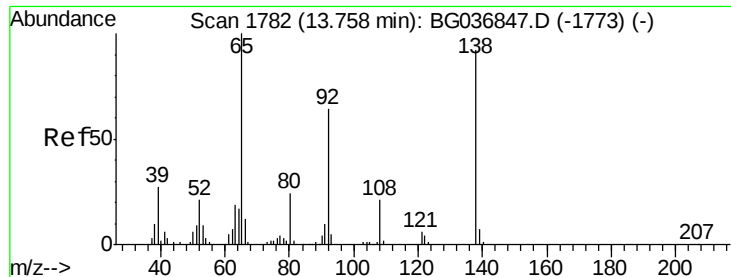
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.361 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

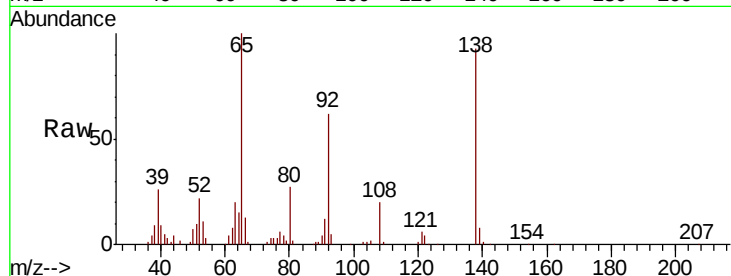
Tgt Ion: 65 Resp: 89917

Ion Ratio Lower Upper

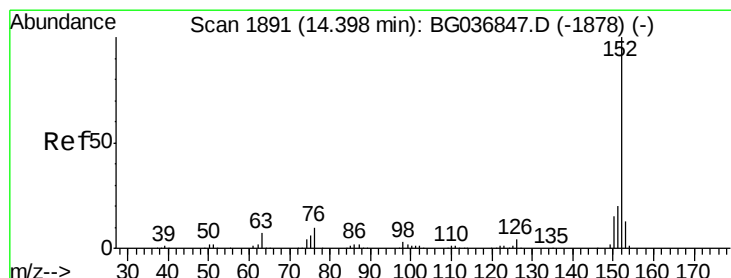
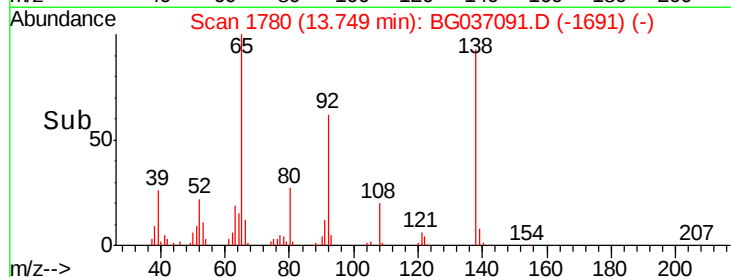
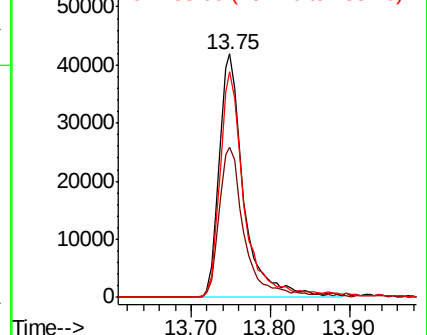
65 100

92 61.7 49.9 74.9

138 92.6 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: 37.449 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

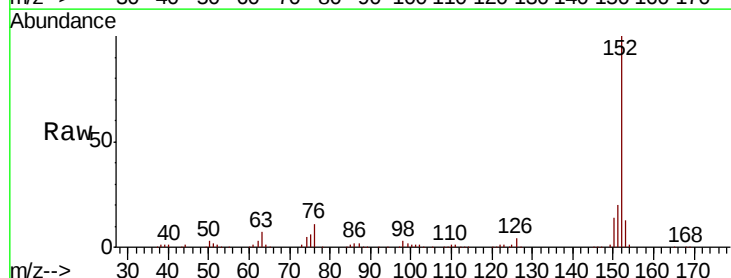
Tgt Ion: 152 Resp: 419560

Ion Ratio Lower Upper

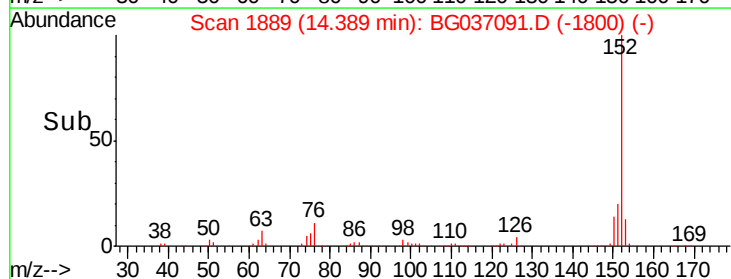
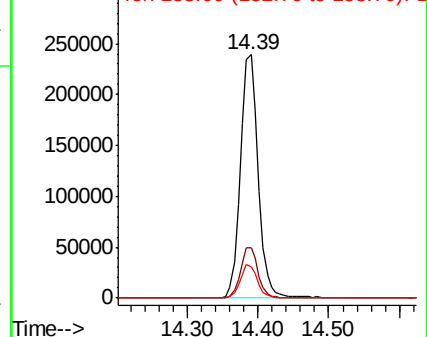
152 100

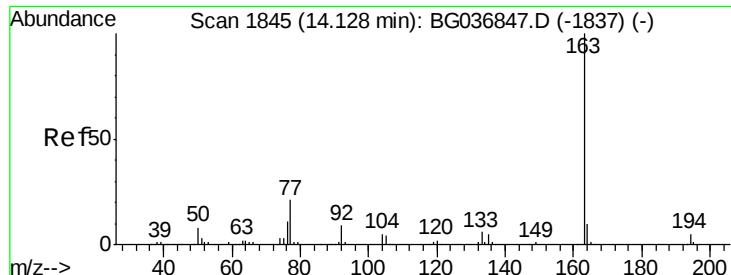
151 20.4 16.9 25.3

153 13.0 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: 34.675 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

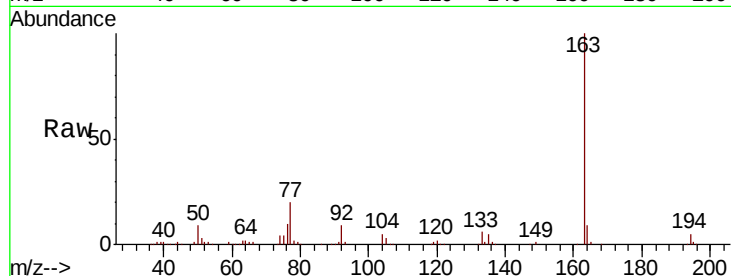
Tgt Ion:163 Resp: 331323

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

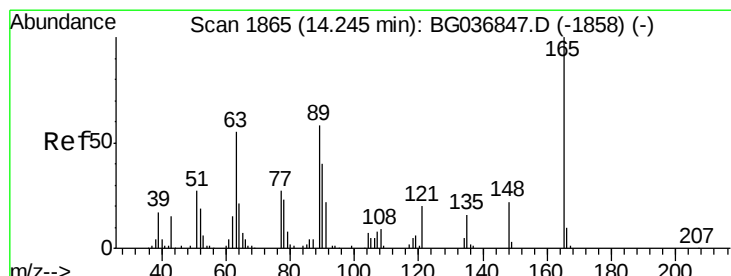
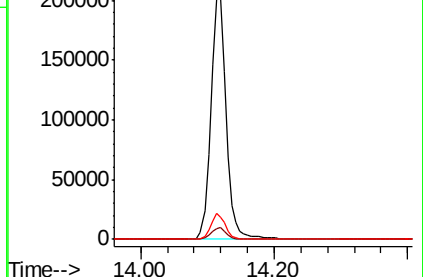
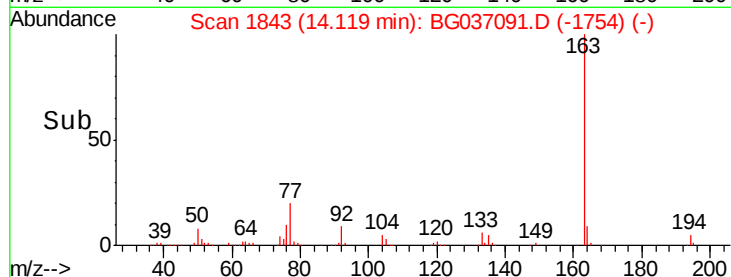
164 9.3 8.1 12.1



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: 35.323 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

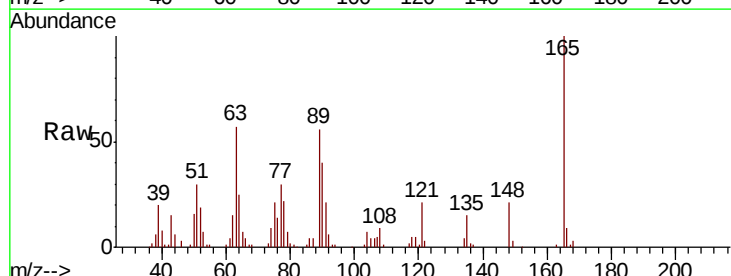
Tgt Ion:165 Resp: 73639

Ion Ratio Lower Upper

165 100

63 57.3 50.1 75.1

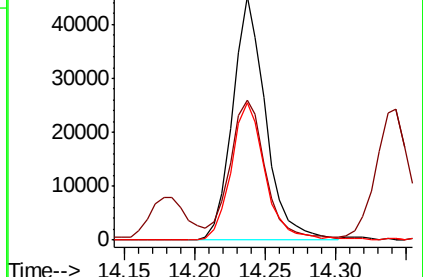
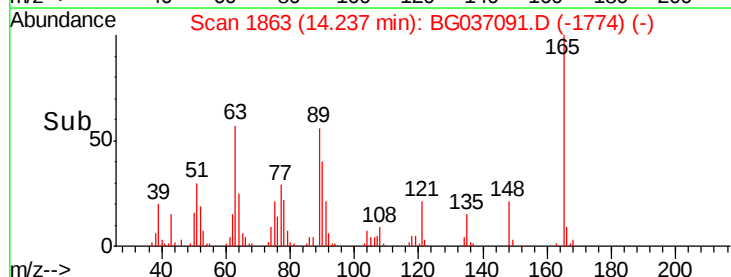
89 56.3 47.8 71.6

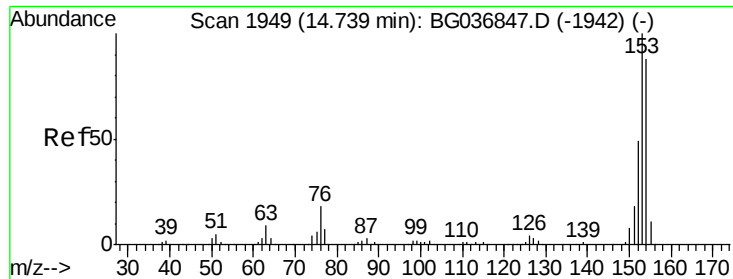


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 35.026 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

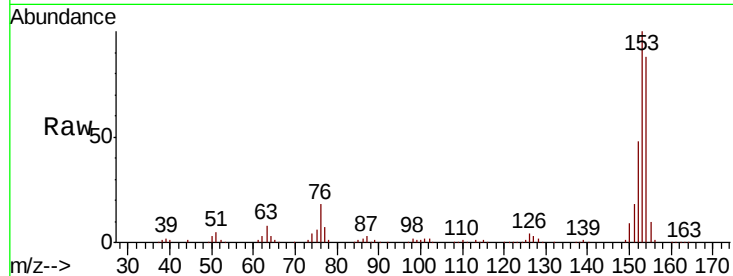
Tgt Ion:154 Resp: 237161

Ion Ratio Lower Upper

154 100

153 113.4 91.8 137.6

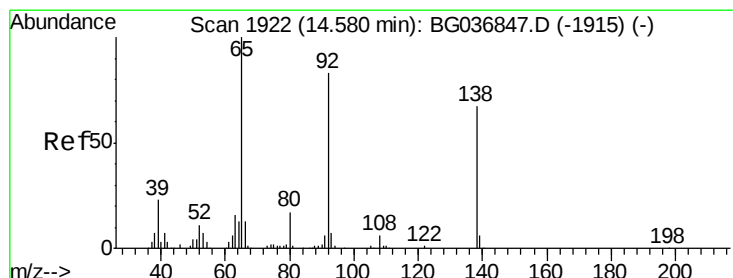
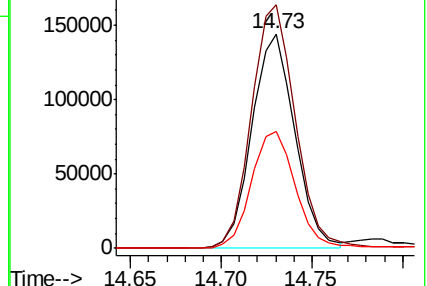
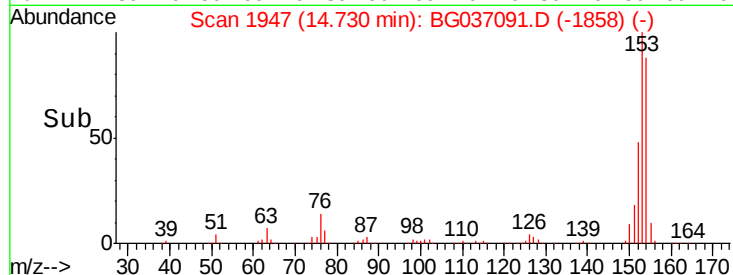
152 54.6 43.5 65.3



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: 20.852 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

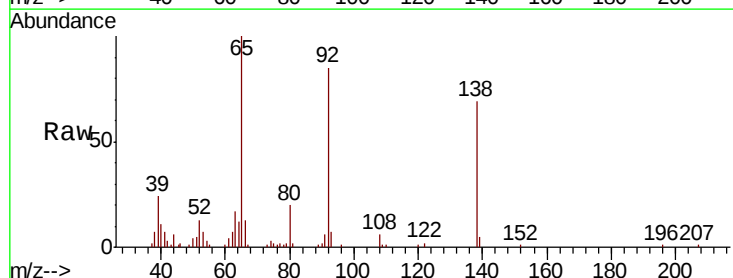
Tgt Ion:138 Resp: 45808

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.2#

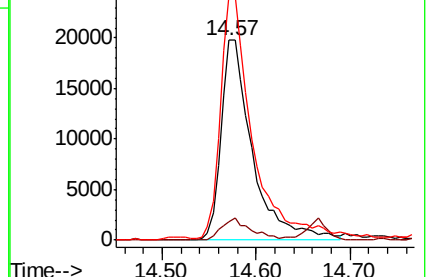
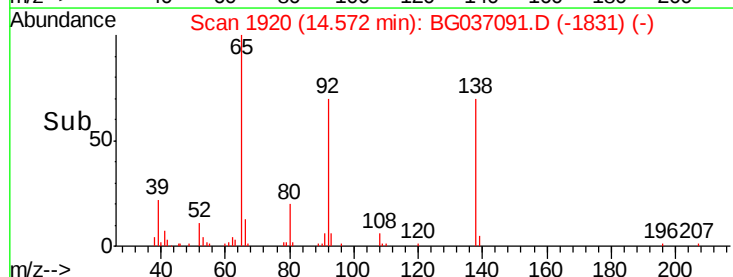
92 122.1 96.8 145.2

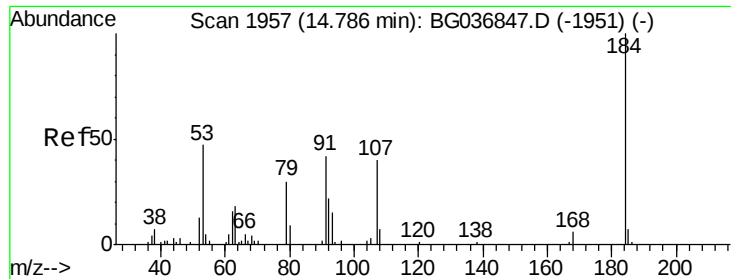


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

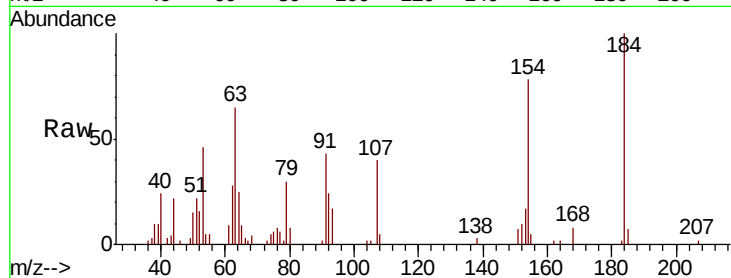




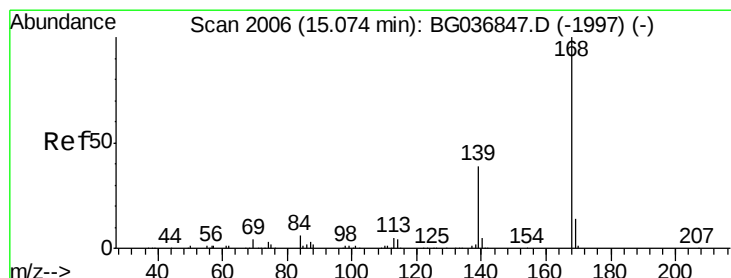
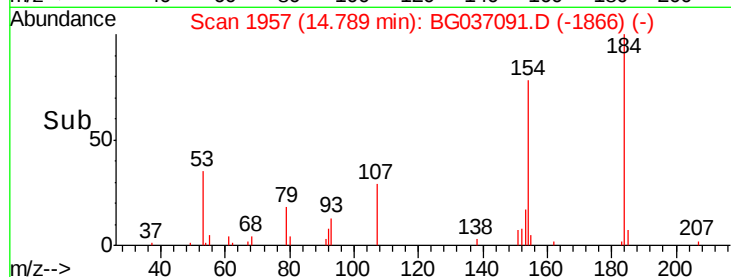
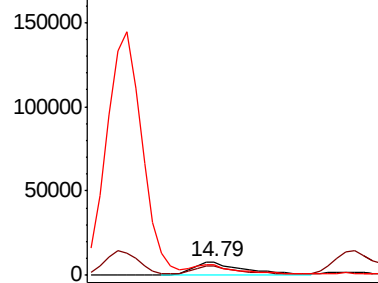
#53
2,4-Dinitrophenol
Concen: 25.908 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:184 Resp: 19725
Ion Ratio Lower Upper
184 100
63 65.3 47.3 70.9
154 78.5 51.1 76.7#

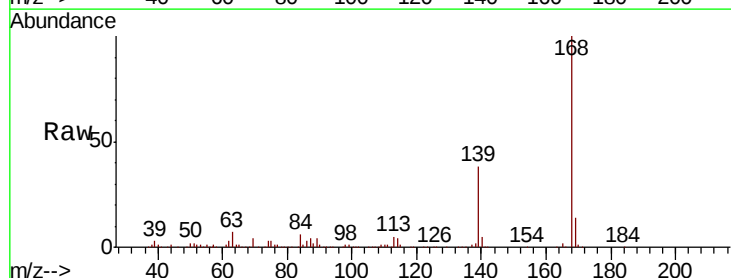


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

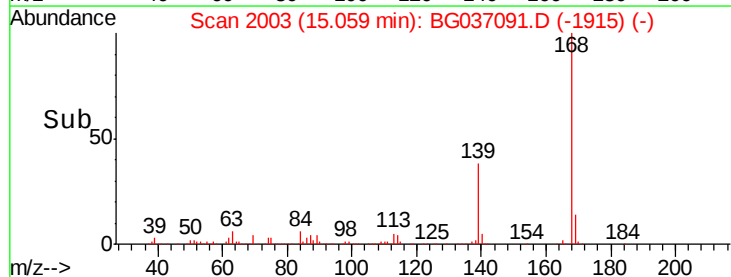
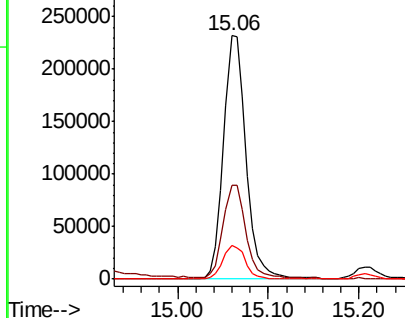


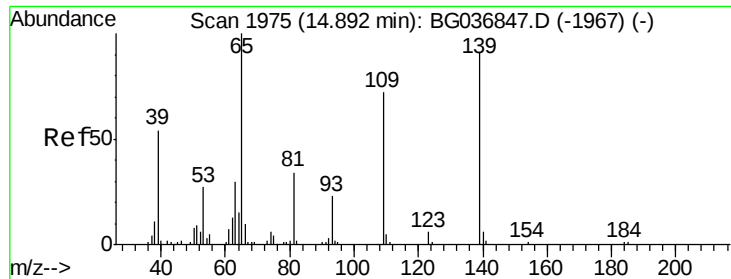
#54
Dibenzofuran
Concen: 35.146 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:168 Resp: 402534
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.6
169 14.0 11.1 16.7



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

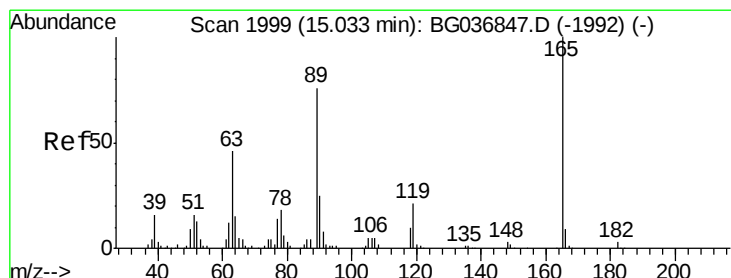
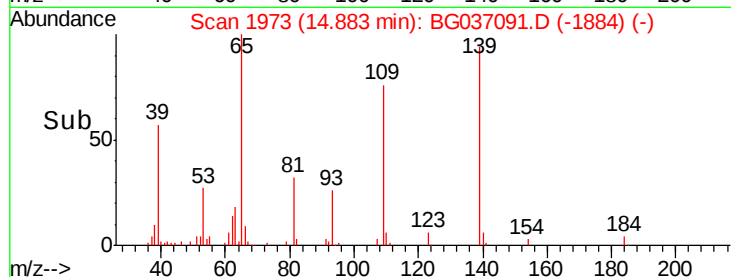
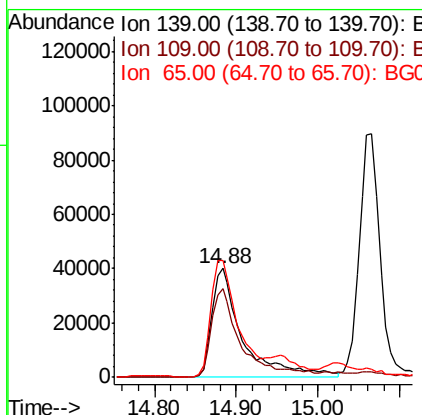
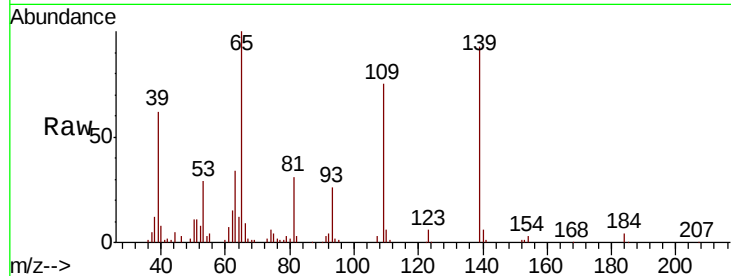




#55
4-Nitrophenol
Concen: 75.135 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

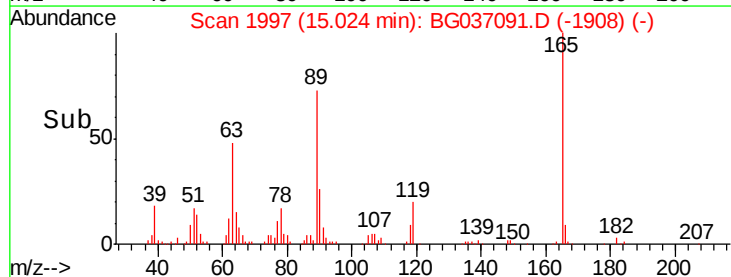
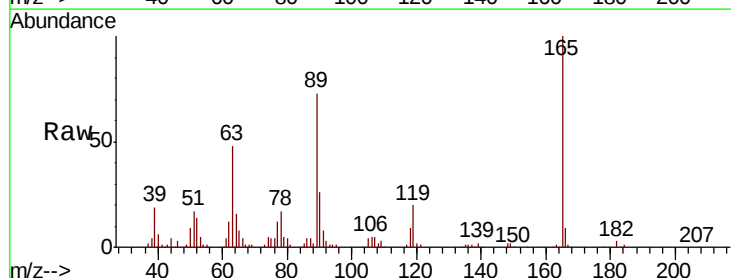
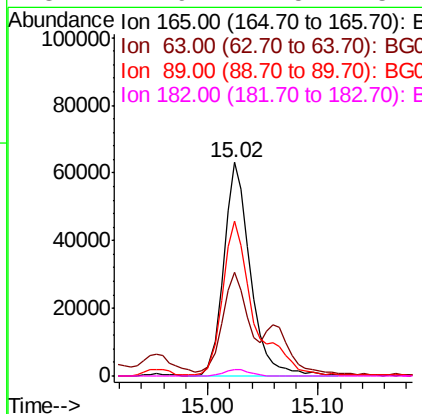
Instrument :
BNA_G
ClientSampleId :
PB113379BS

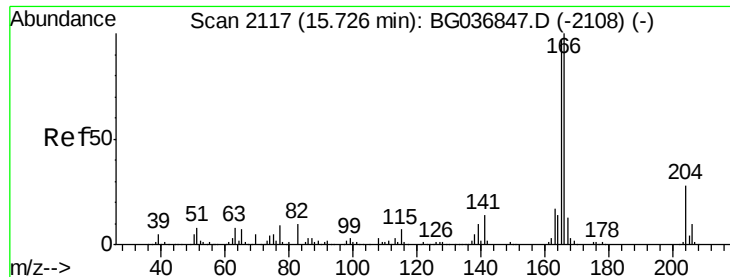
Tgt Ion:139 Resp: 105446
Ion Ratio Lower Upper
139 100
109 81.0 63.9 103.9
65 107.6 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 36.703 ng
RT: 15.02 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:165 Resp: 106769
Ion Ratio Lower Upper
165 100
63 48.4 40.1 60.1
89 72.6 63.7 95.5
182 2.9 2.5 3.7

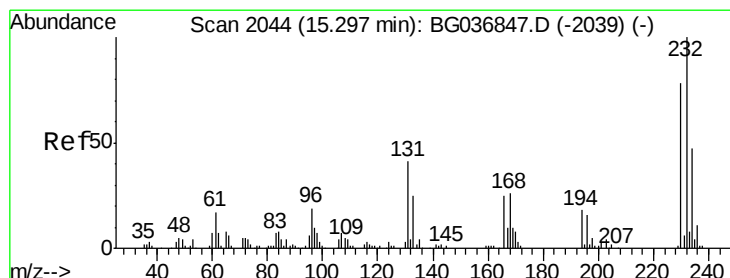
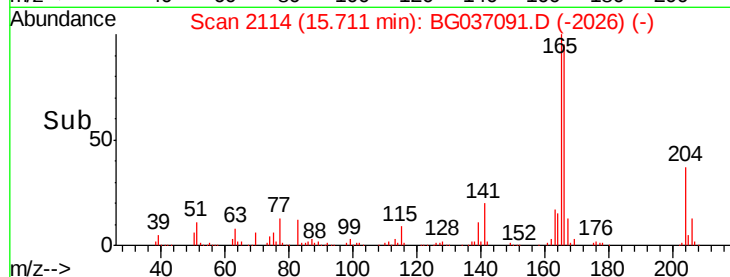
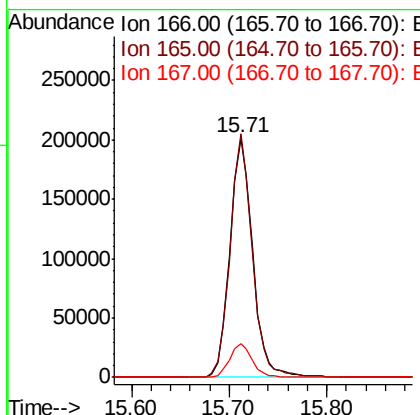
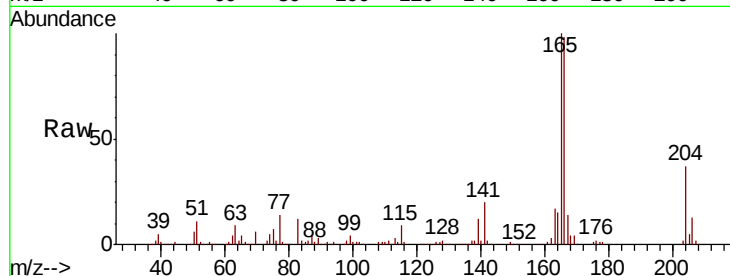




#57
 Fluorene
 Concen: 38.165 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

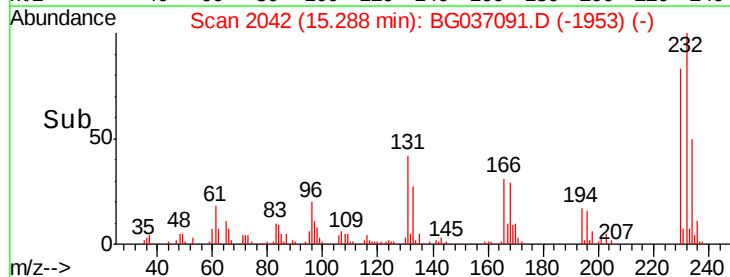
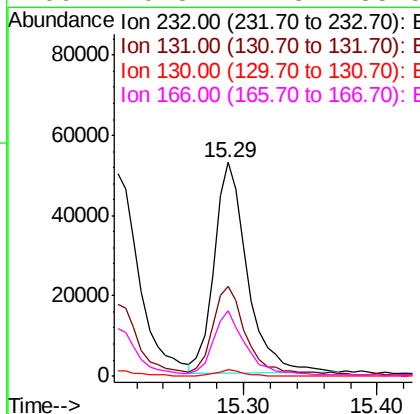
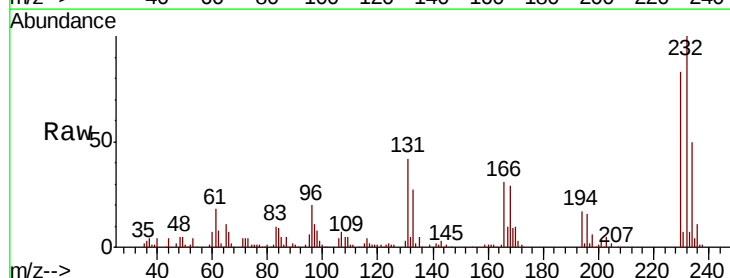
Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

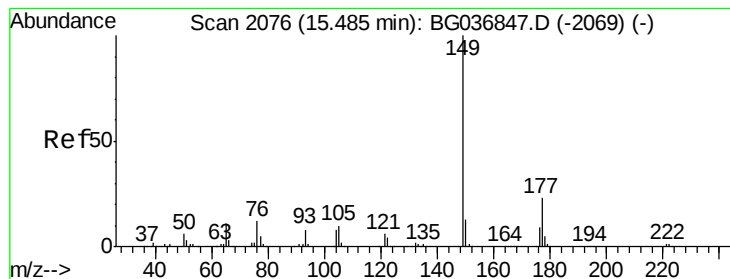
Tgt Ion:166 Resp: 326704
 Ion Ratio Lower Upper
 166 100
 165 102.0 77.0 115.4
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.747 ng
 RT: 15.29 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion:232 Resp: 91389
 Ion Ratio Lower Upper
 232 100
 131 43.9 33.8 50.8
 130 2.5 2.1 3.1
 166 29.3 22.3 33.5





#59

Diethylphthalate

Concen: 35.708 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

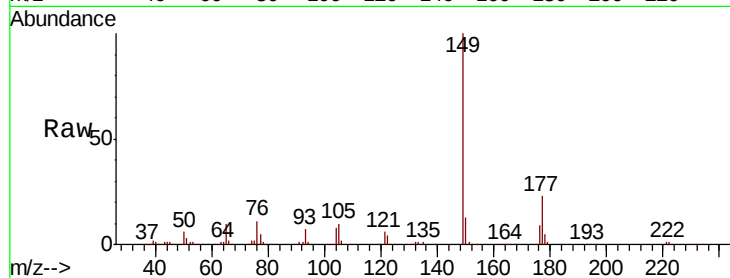
Tgt Ion:149 Resp: 344127

Ion Ratio Lower Upper

149 100

177 23.4 19.1 28.7

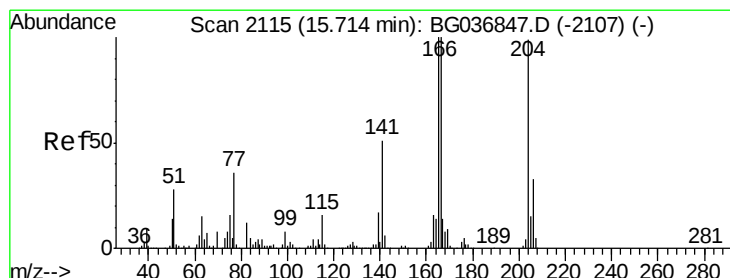
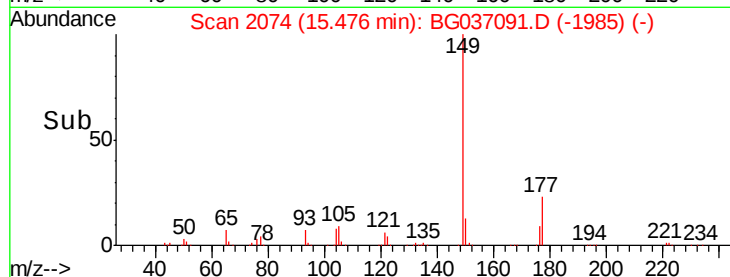
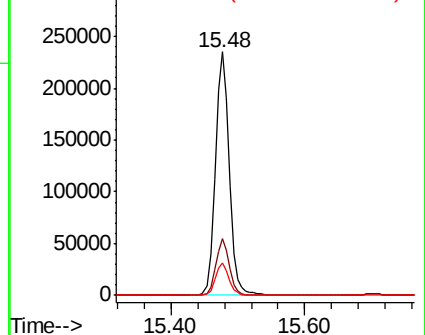
150 13.2 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.965 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

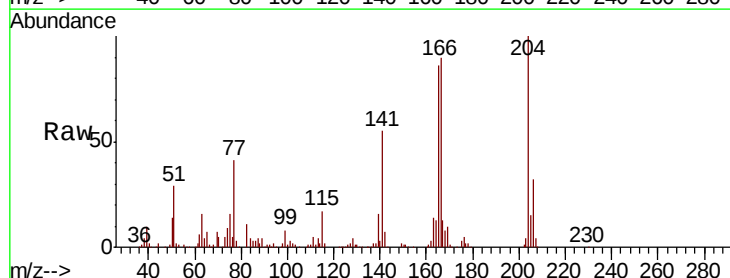
Tgt Ion:204 Resp: 178711

Ion Ratio Lower Upper

204 100

206 32.5 27.0 40.4

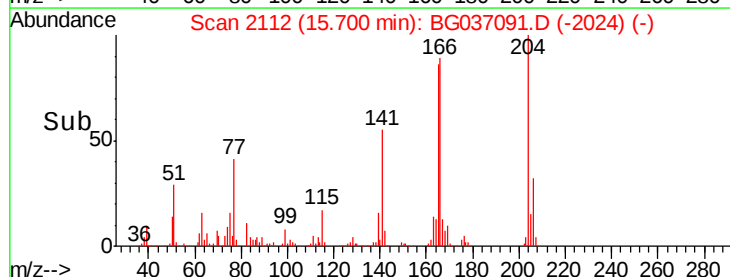
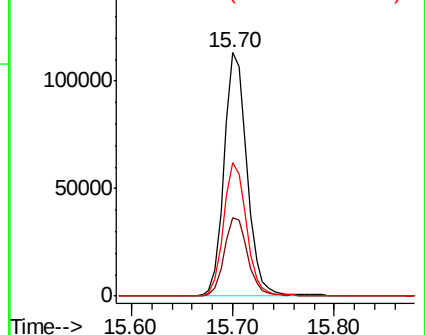
141 54.7 43.8 65.6

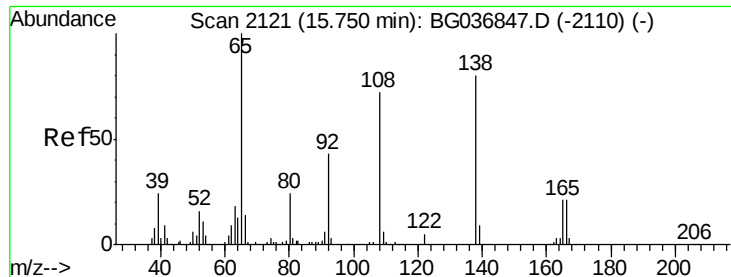


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

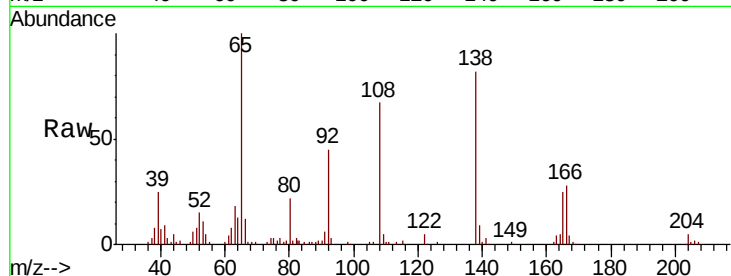




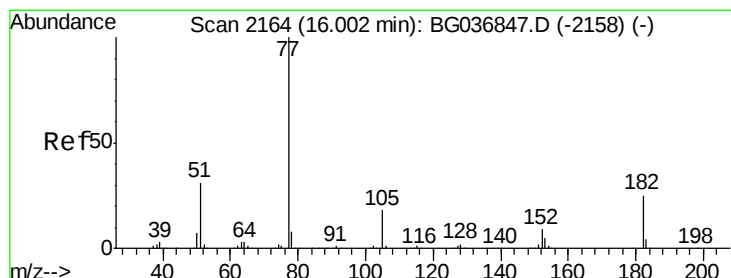
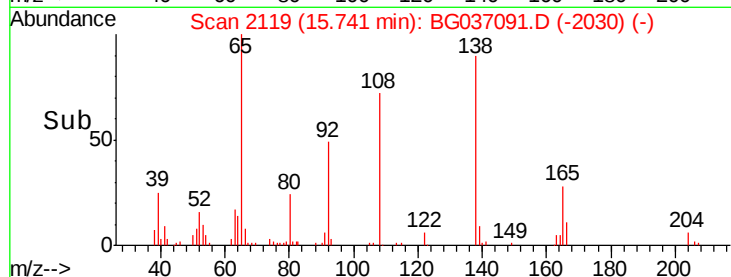
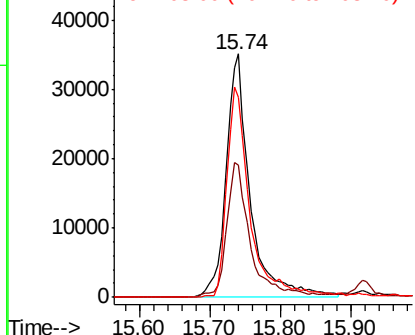
#61
4-Nitroaniline
Concen: 35.973 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:138 Resp: 83125
Ion Ratio Lower Upper
138 100
92 54.3 38.5 78.5
108 82.0 70.3 110.3

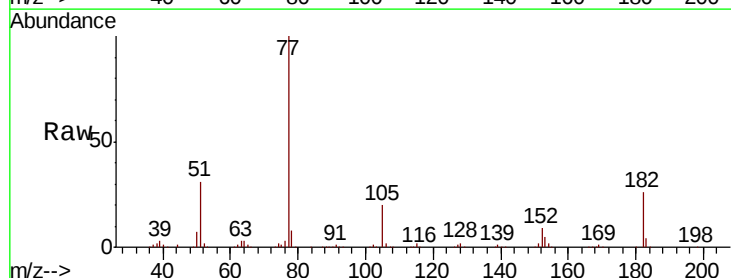


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

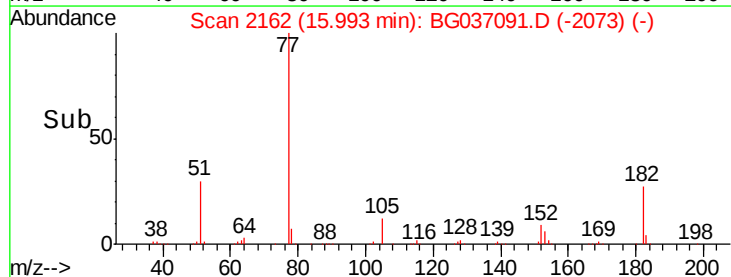
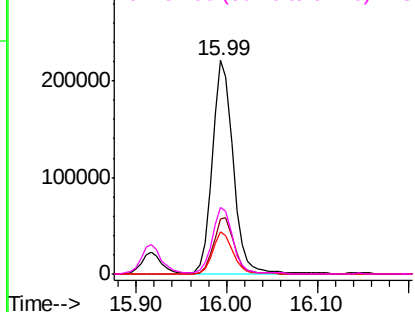


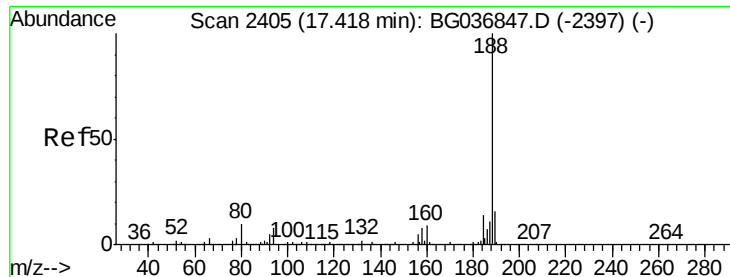
#62
Azobenzene
Concen: 37.846 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion: 77 Resp: 350456
Ion Ratio Lower Upper
77 100
182 25.9 6.7 46.7
105 19.7 0.0 39.8
51 31.2 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG

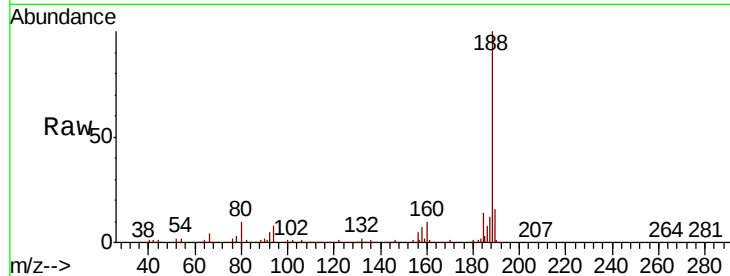




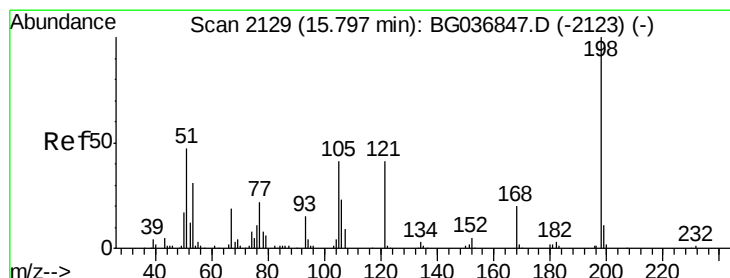
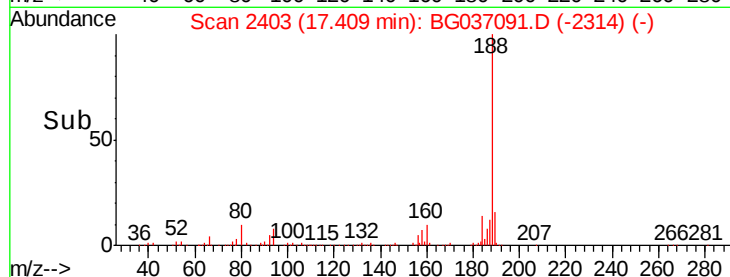
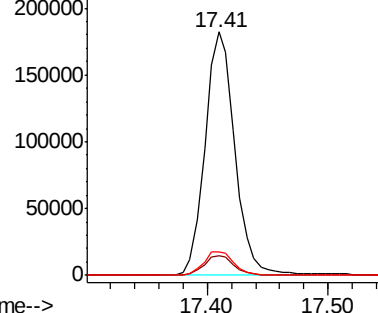
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Instrument :
BNA_G
ClientSampleId :
PB113379BS

Tgt Ion:188 Resp: 311523
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.7 8.1 12.1

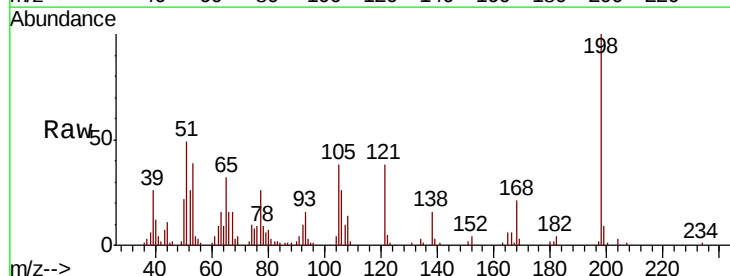


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

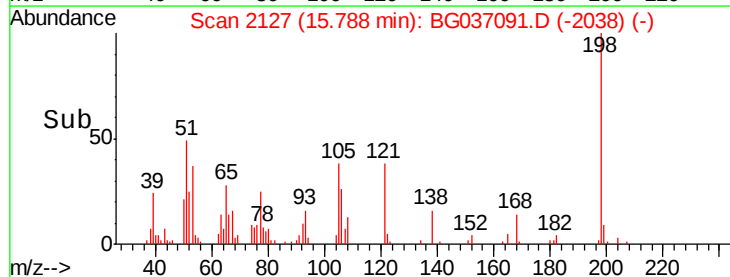
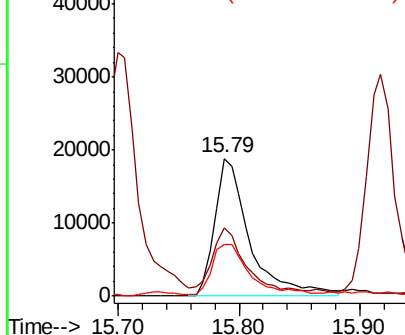


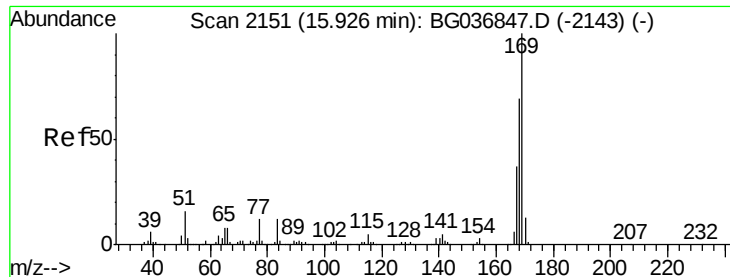
#64
4,6-Dinitro-2-methylphenol
Concen: 23.004 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:198 Resp: 37466
Ion Ratio Lower Upper
198 100
51 49.5 26.5 66.5
105 37.6 20.2 60.2



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





#65

n-Nitrosodiphenylamine

Concen: 34.669 ng

RT: 15.92 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

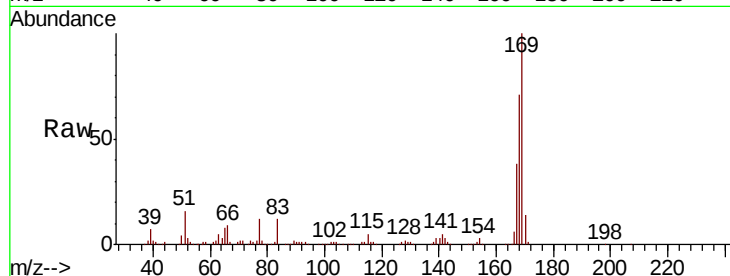
Tgt Ion:169 Resp: 298164

Ion Ratio Lower Upper

169 100

168 70.9 57.6 86.4

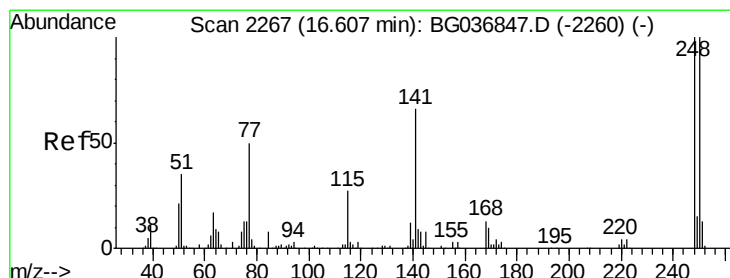
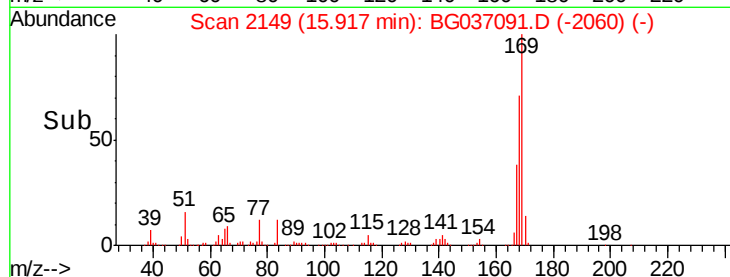
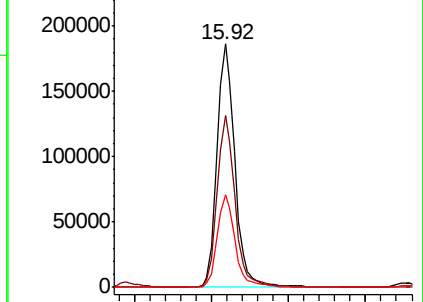
167 38.0 31.0 46.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.652 ng

RT: 16.60 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

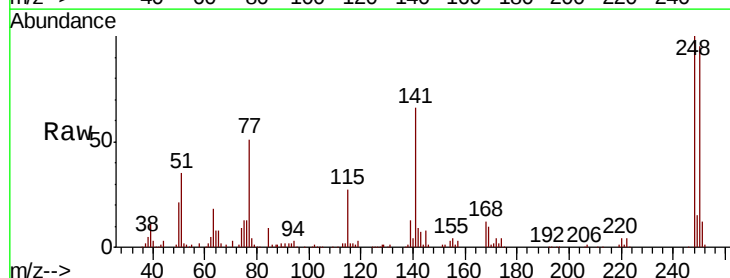
Tgt Ion:248 Resp: 115700

Ion Ratio Lower Upper

248 100

250 95.1 78.1 117.1

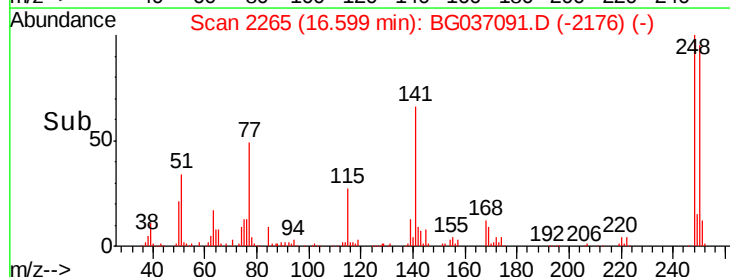
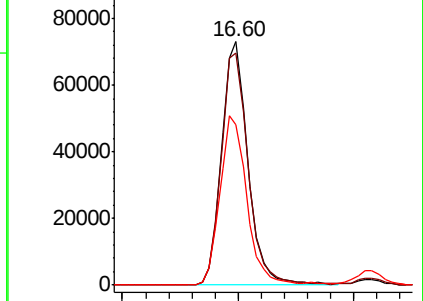
141 65.9 53.7 80.5

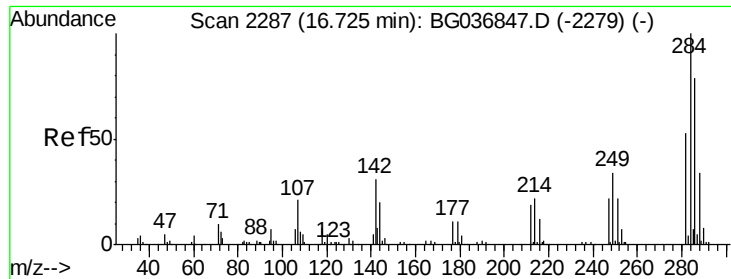


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

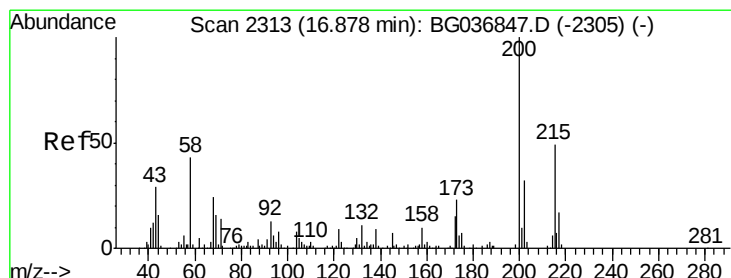
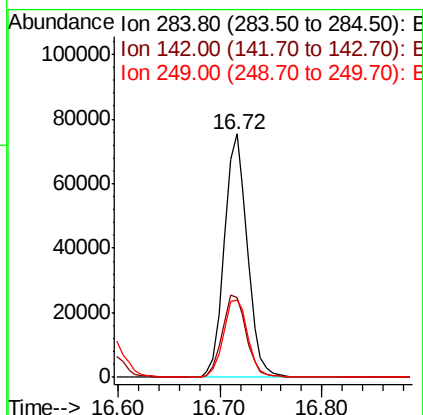
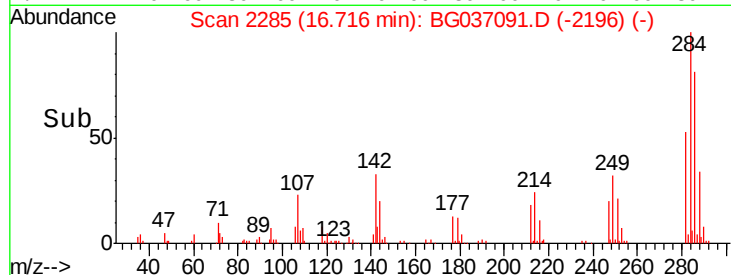
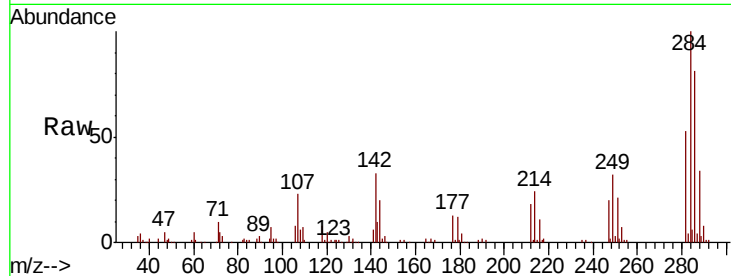




#67
Hexachlorobenzene
Concen: 32.539 ng
RT: 16.72 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

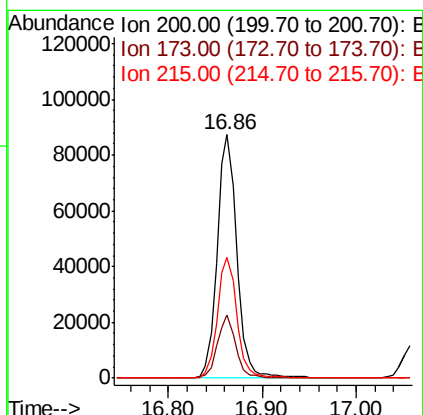
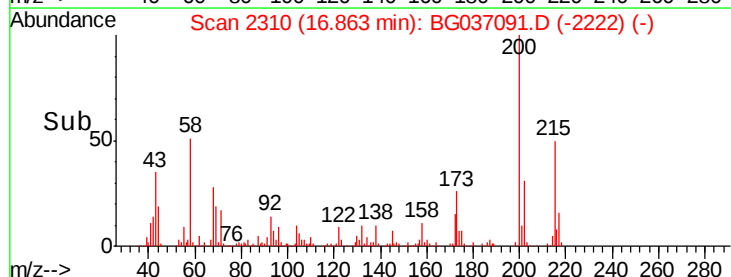
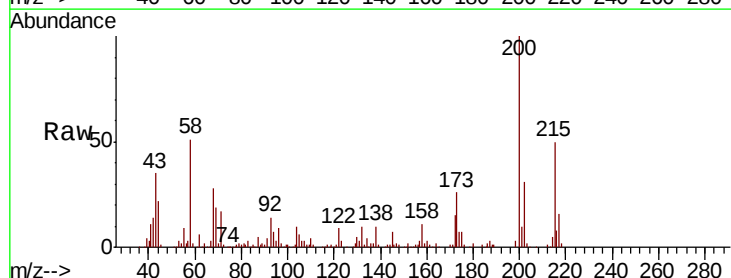
Instrument :
BNA_G
ClientSampleId :
PB113379BS

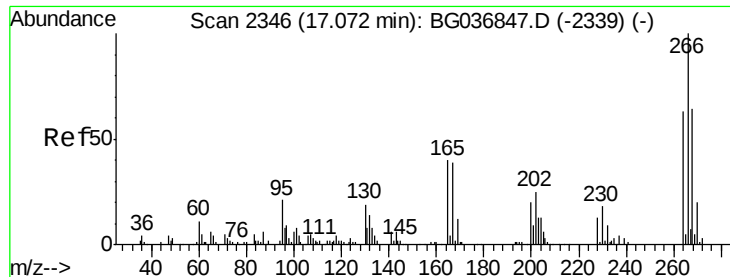
Tgt Ion:284 Resp: 118751
Ion Ratio Lower Upper
284 100
142 33.0 27.8 41.6
249 31.6 27.4 41.2



#68
Atrazine
Concen: 36.752 ng
RT: 16.86 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:200 Resp: 127983
Ion Ratio Lower Upper
200 100
173 25.8 3.9 43.9
215 49.8 30.4 70.4

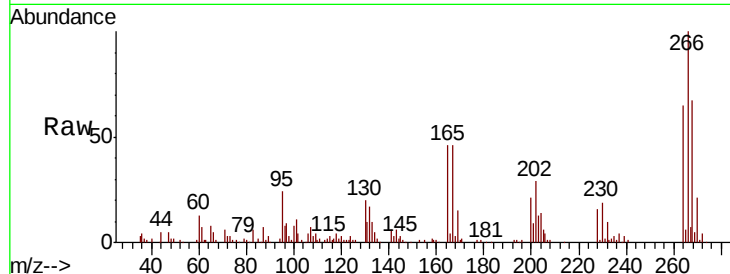




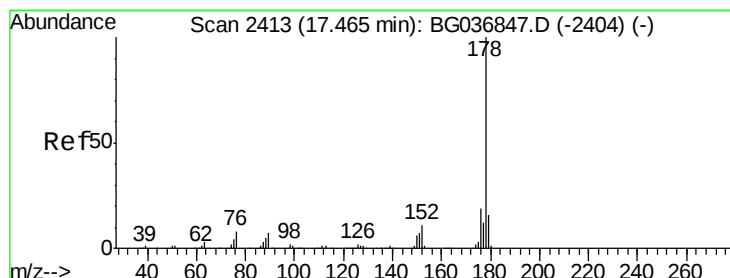
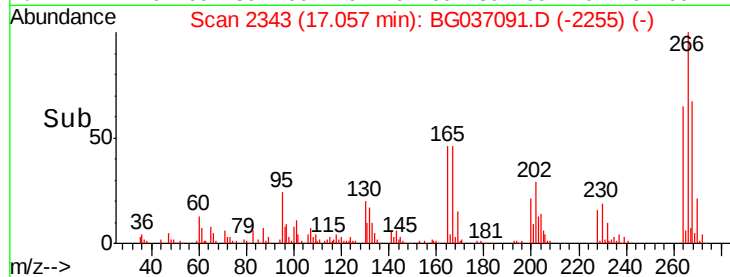
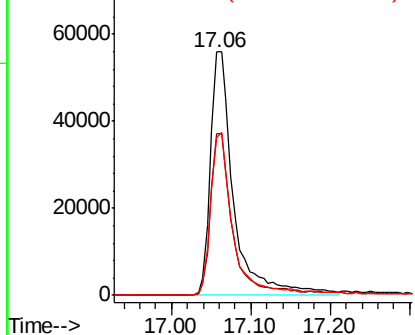
#69
 Pentachlorophenol
 Concen: 49.812 ng
 RT: 17.06 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Tgt Ion:266 Resp: 114454
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.4 77.2
 264 64.6 48.9 73.3

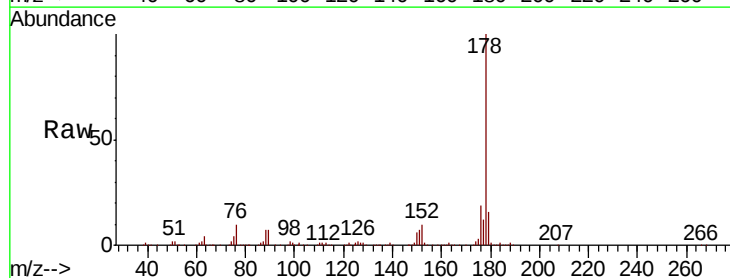


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

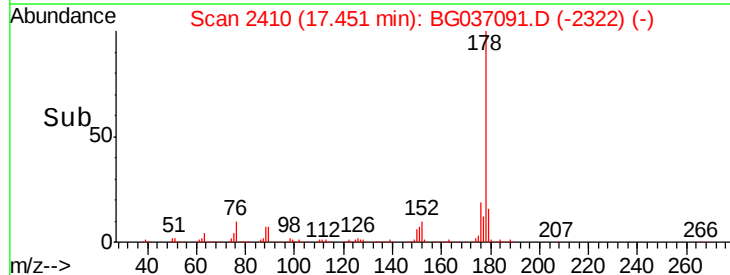
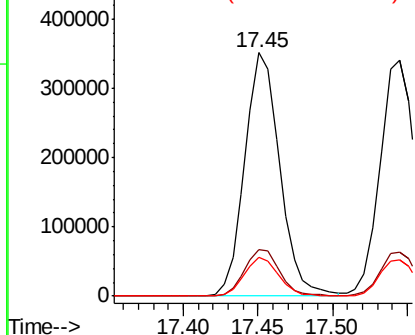


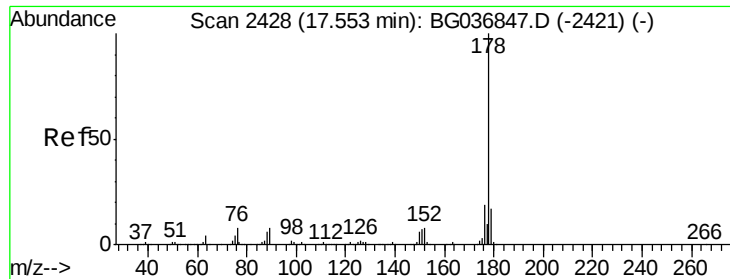
#70
 Phenanthrene
 Concen: 38.081 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion:178 Resp: 571675
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.1 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

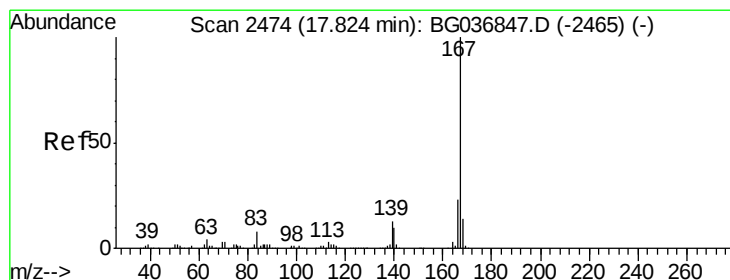
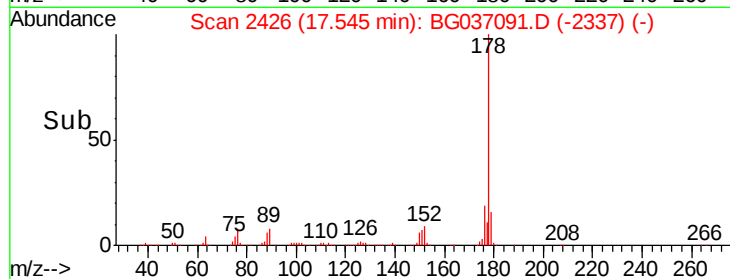
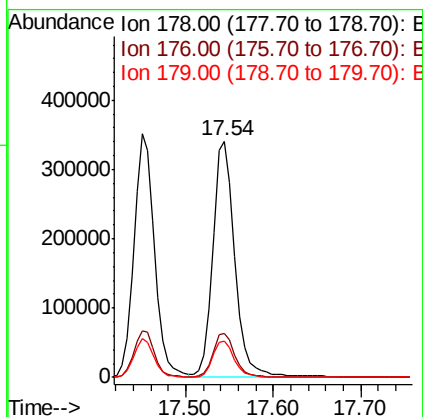
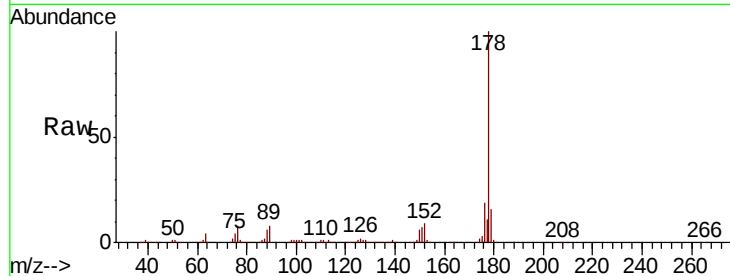




#71
 Anthracene
 Concen: 39.745 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

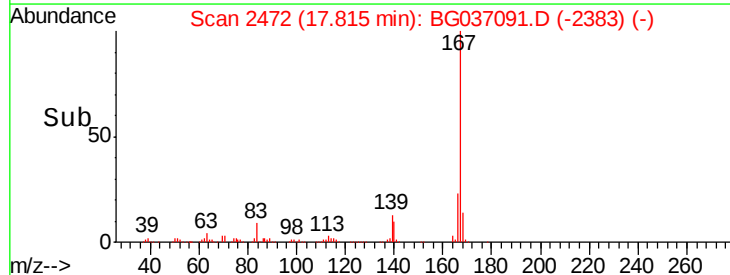
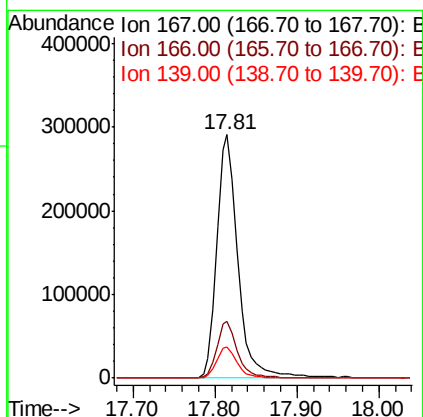
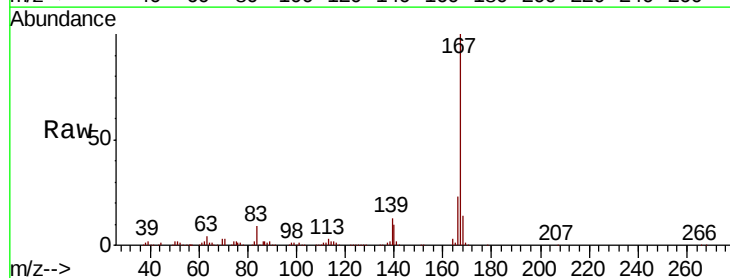
Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

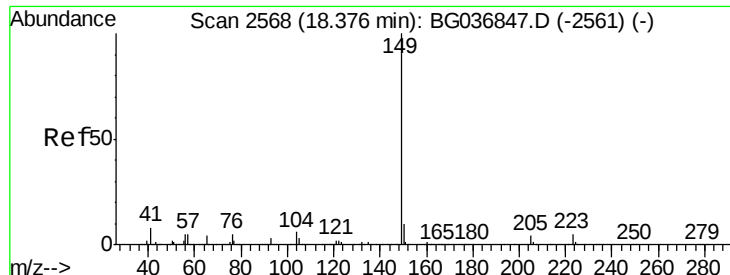
Tgt Ion:178 Resp: 589987
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 13.0 19.4



#72
 Carbazole
 Concen: 36.122 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion:167 Resp: 522802
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.5 29.3
 139 12.7 10.7 16.1

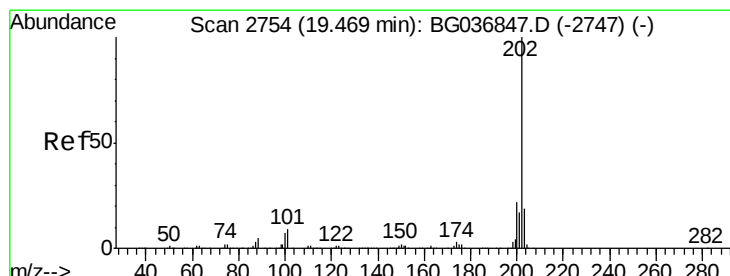
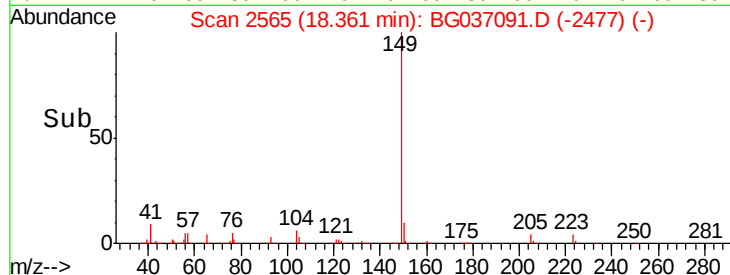
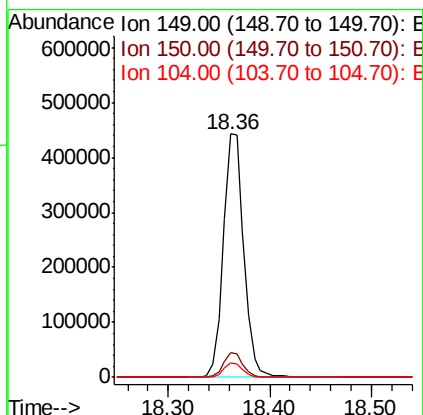
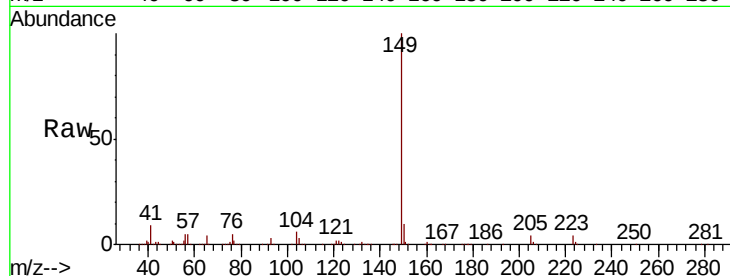




#73
Di-n-butylphthalate
Concen: 38.529 ng
RT: 18.36 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

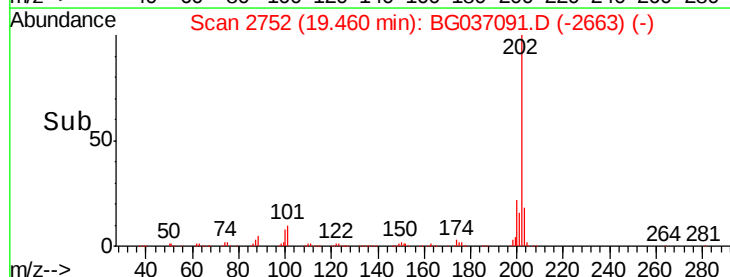
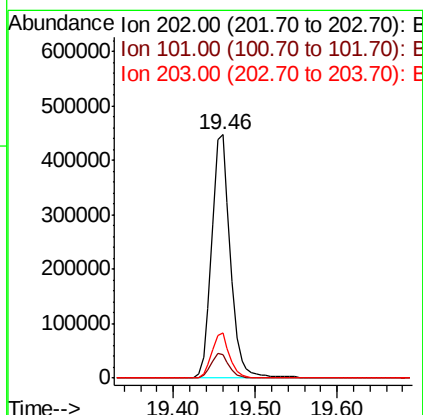
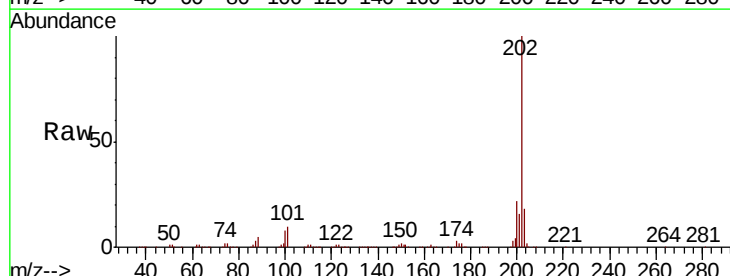
Instrument :
BNA_G
ClientSampleId :
PB113379BS

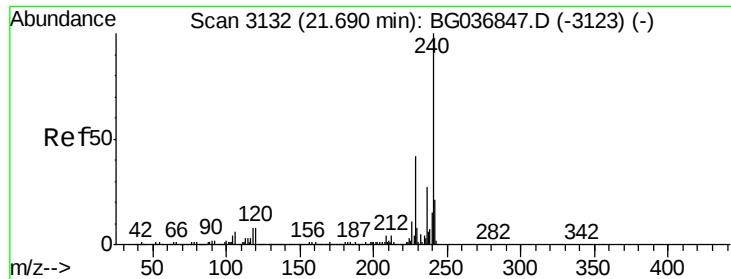
Tgt Ion:149 Resp: 619275
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 6.0 4.6 6.8



#74
Fluoranthene
Concen: 39.302 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:202 Resp: 710209
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 18.4 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

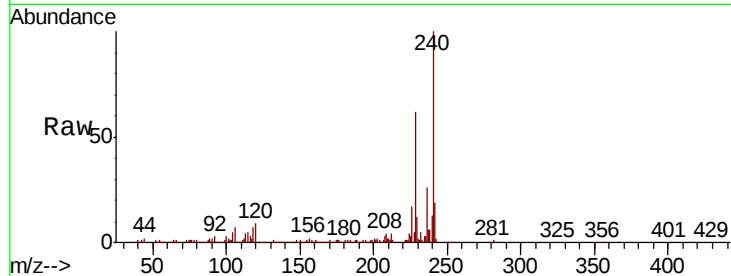
Tgt Ion:240 Resp: 324027

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

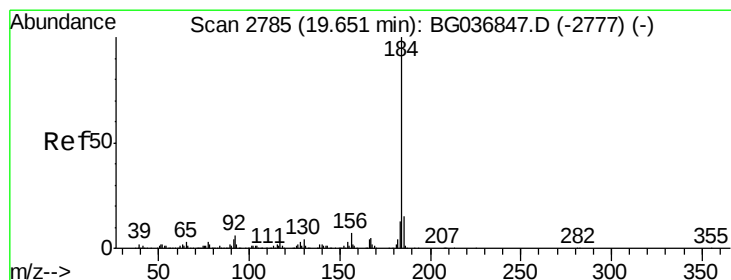
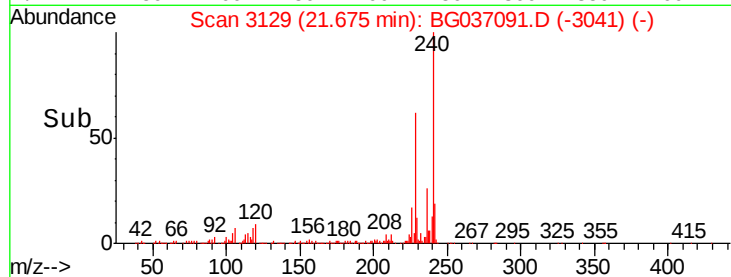
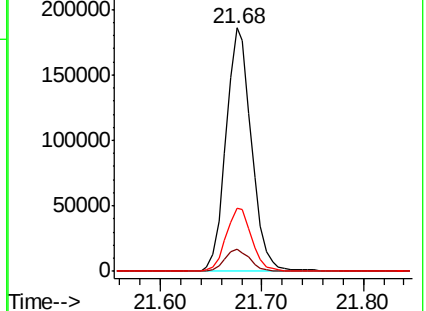
236 26.0 21.2 31.8



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: 20.856 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

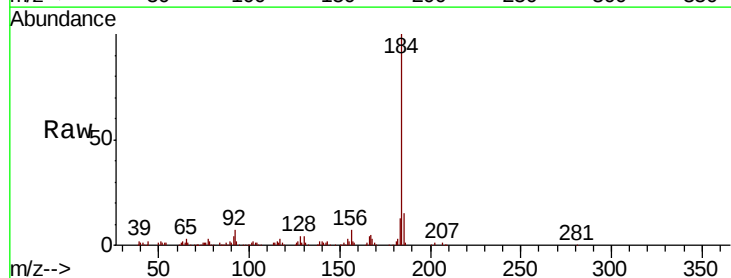
Tgt Ion:184 Resp: 204287

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

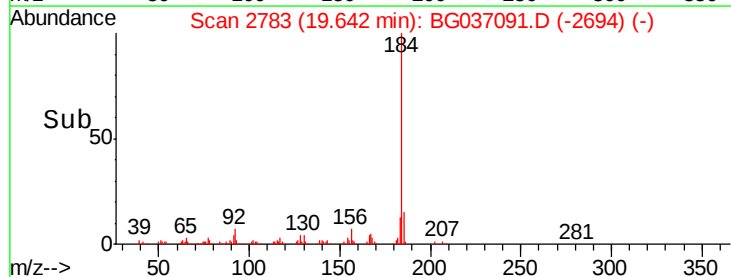
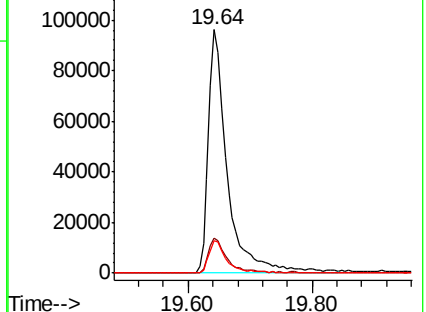
183 13.2 10.9 16.3

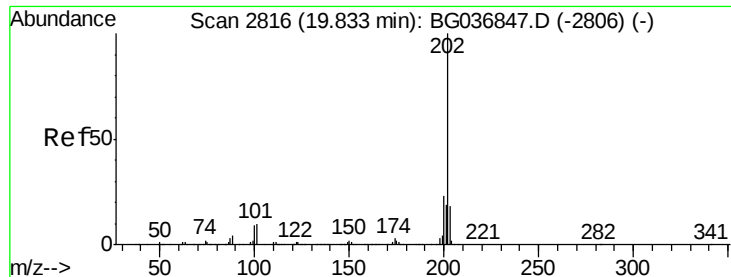


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

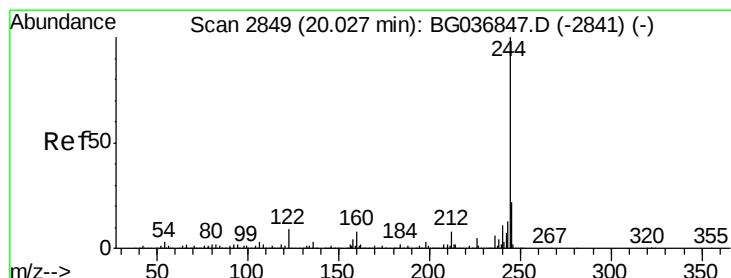
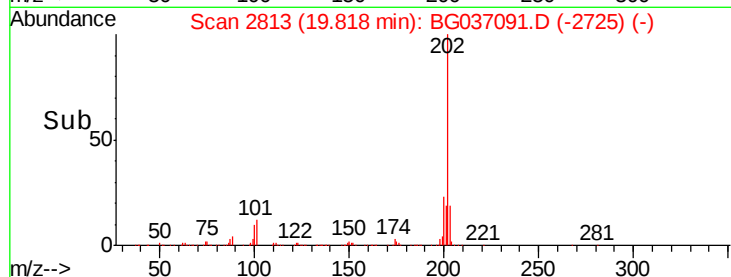
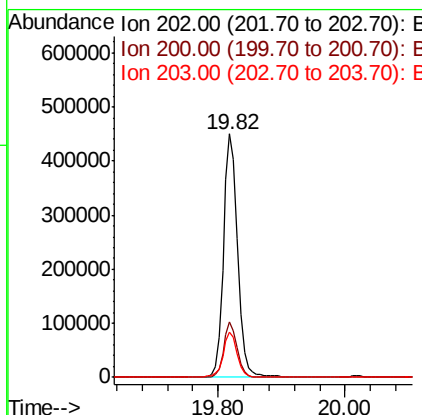
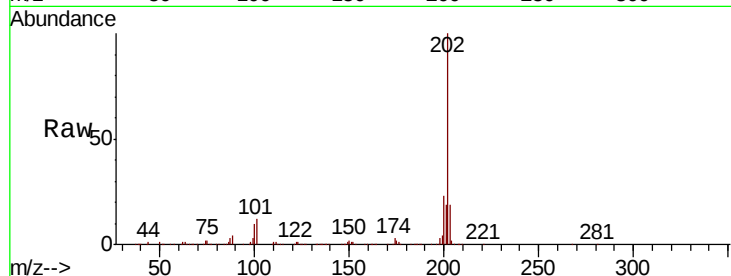




#77
 Pyrene
 Concen: 36.236 ng
 RT: 19.82 min Scan# 2813
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

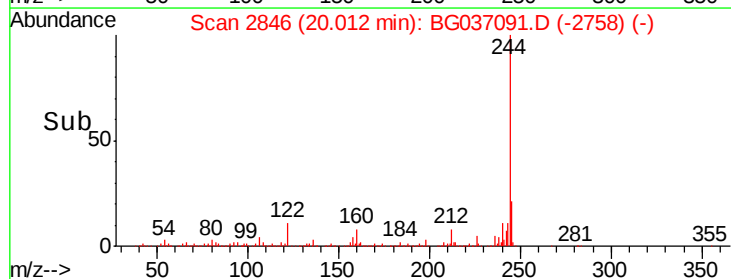
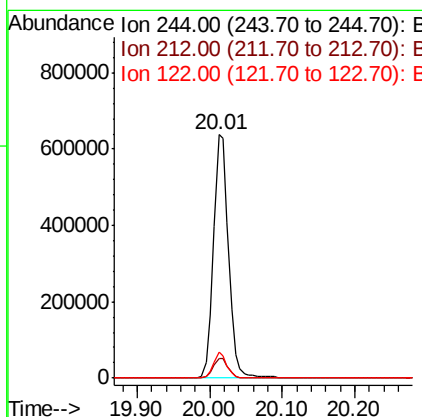
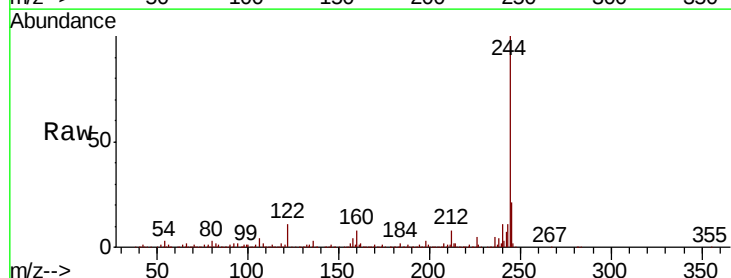
Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

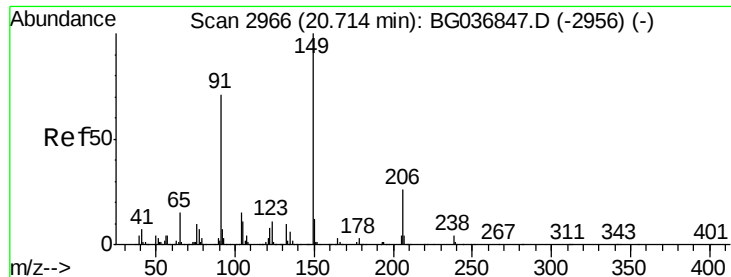
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.5	15.1	22.7



#78
 Terphenyl-d14
 Concen: 74.786 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	10.5	7.1	10.7

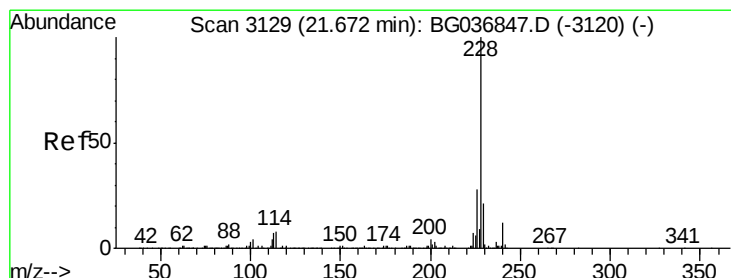
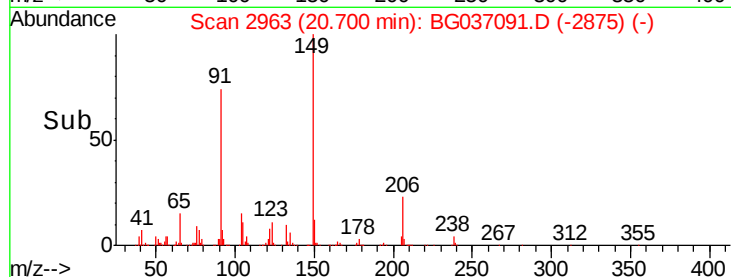
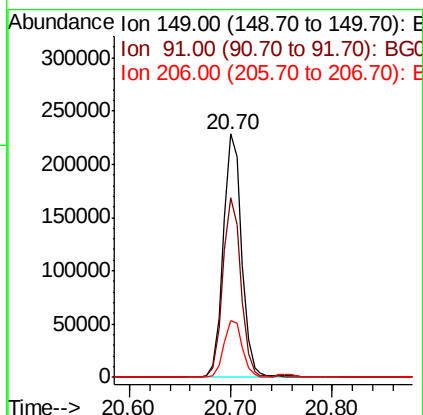
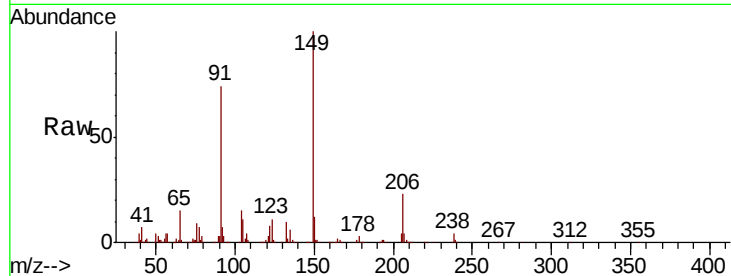




#79
Butylbenzylphthalate
Concen: 37.297 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

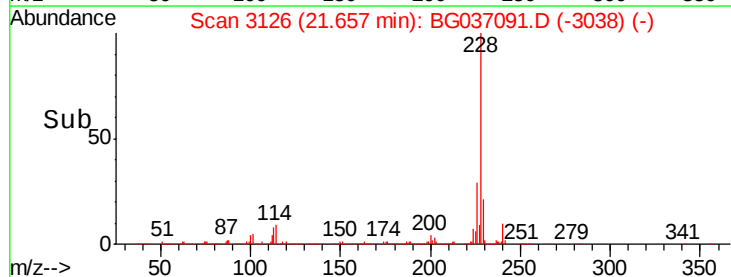
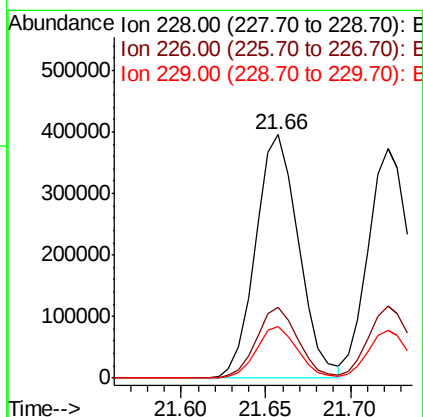
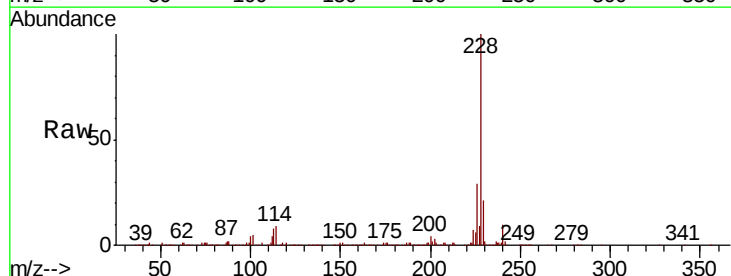
Instrument :
BNA_G
ClientSampleId :
PB113379BS

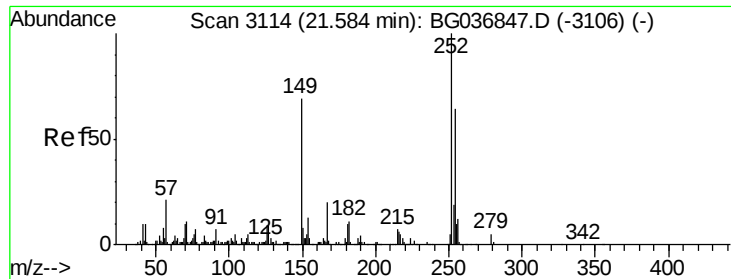
Tgt Ion:149 Resp: 289066
Ion Ratio Lower Upper
149 100
91 73.5 62.0 93.0
206 23.2 19.6 29.4



#80
Benzo(a)anthracene
Concen: 36.853 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037091.D
Acq: 2 Oct 2018 00:47

Tgt Ion:228 Resp: 697081
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 21.4 17.1 25.7

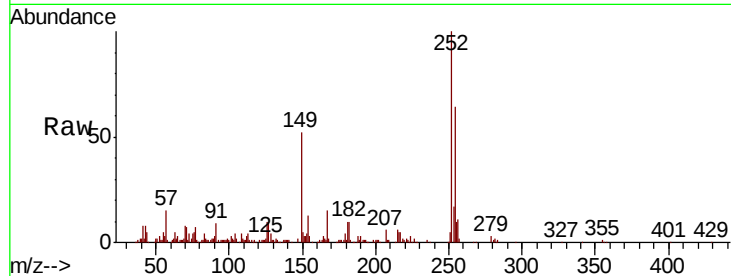




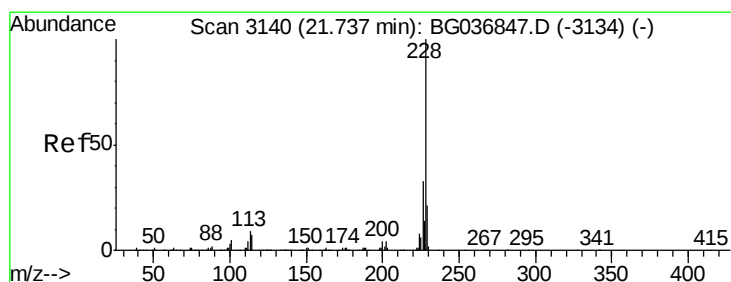
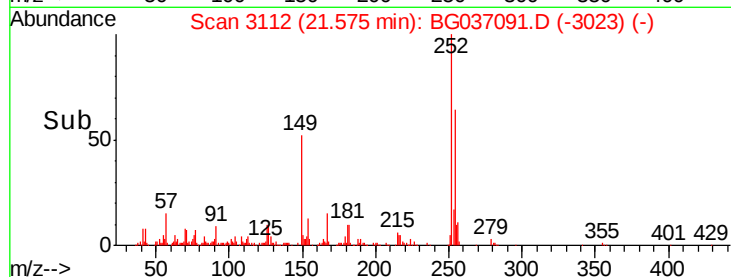
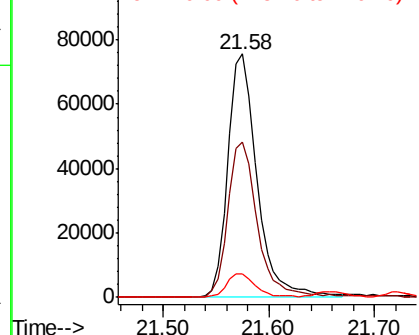
#81
 3,3'-Dichlorobenzidine
 Concen: 20.166 ng
 RT: 21.58 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

Tgt Ion: 252 Resp: 145194
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.0 76.4
 126 9.8 7.4 11.0

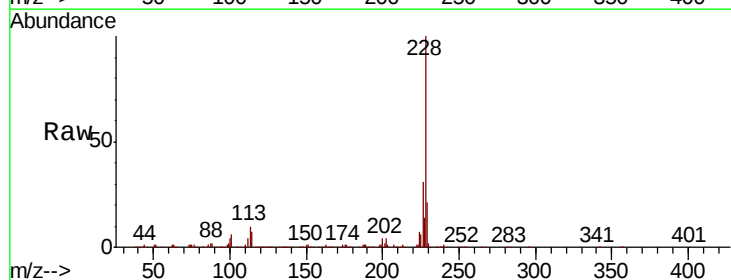


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

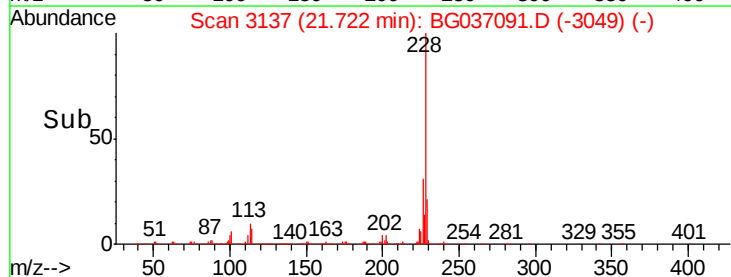
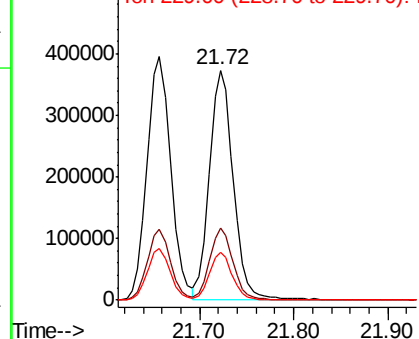


#82
 Chrysene
 Concen: 36.108 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion: 228 Resp: 659890
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.5 38.3
 229 20.8 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: 36.727 ng

RT: 21.56 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

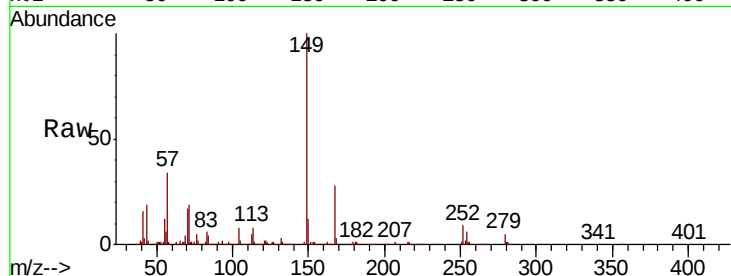
Tgt Ion:149 Resp: 397644

Ion Ratio Lower Upper

149 100

167 28.1 23.4 35.0

279 5.3 4.6 7.0



Abundance

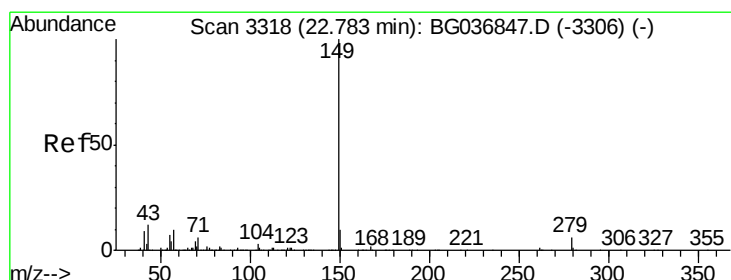
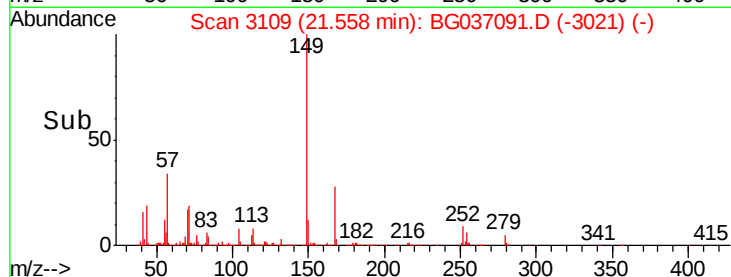
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.56

Time-->



#84

Di-n-octyl phthalate

Concen: 37.569 ng

RT: 22.76 min Scan# 3313

Delta R.T. -0.03 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

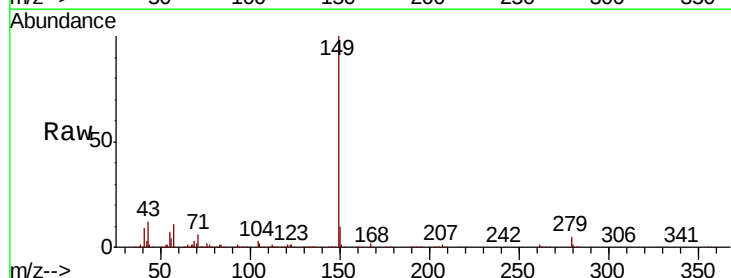
Tgt Ion:149 Resp: 669715

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.5 10.0 15.0



Abundance

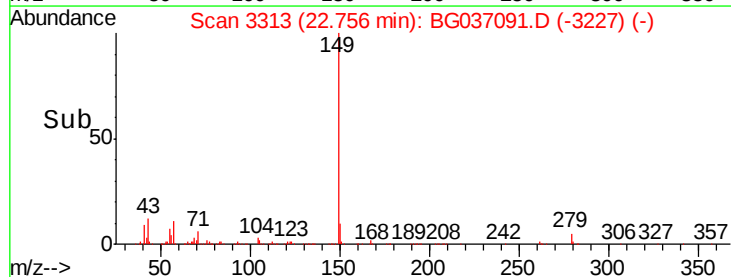
Ion 149.00 (148.70 to 149.70): E

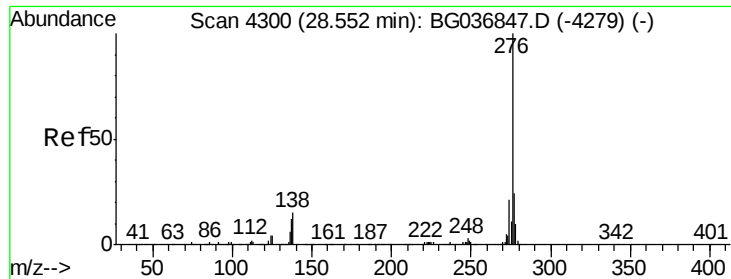
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.76

Time-->

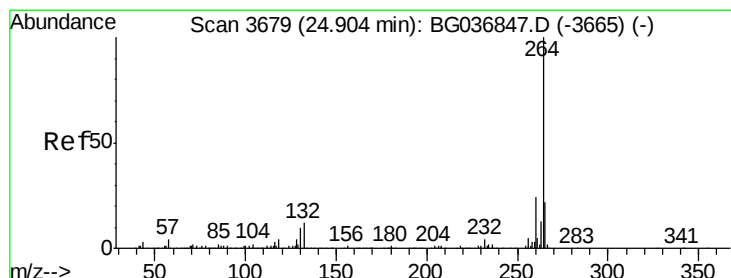
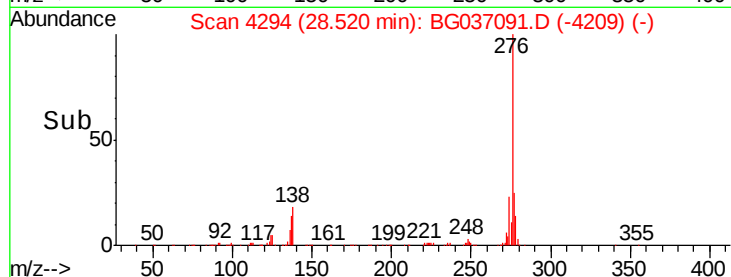
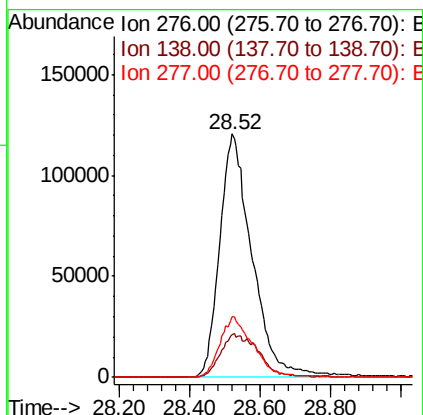
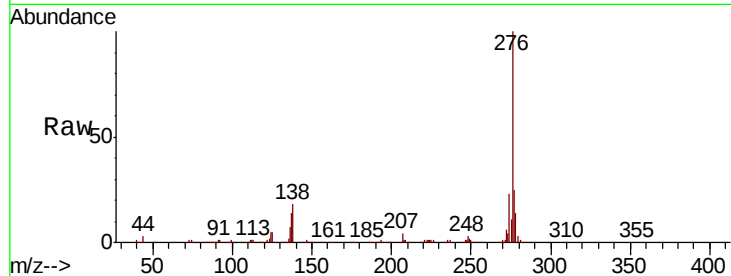




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.175 ng
 RT: 28.52 min Scan# 4294
 Delta R.T. -0.03 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

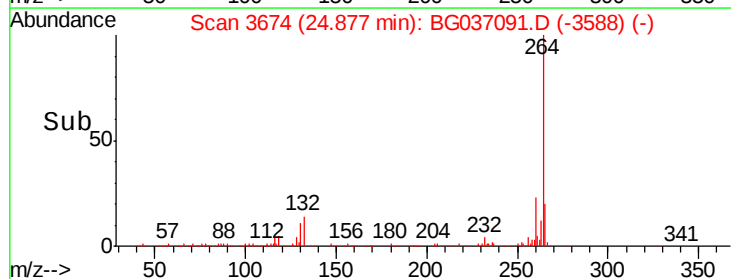
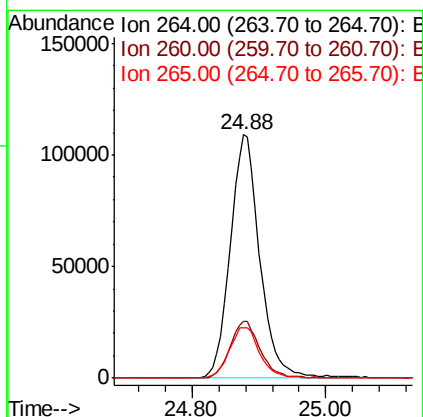
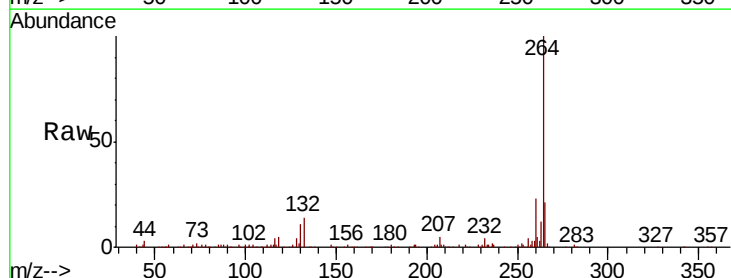
Instrument :
 BNA_G
 ClientSampleId :
 PB113379BS

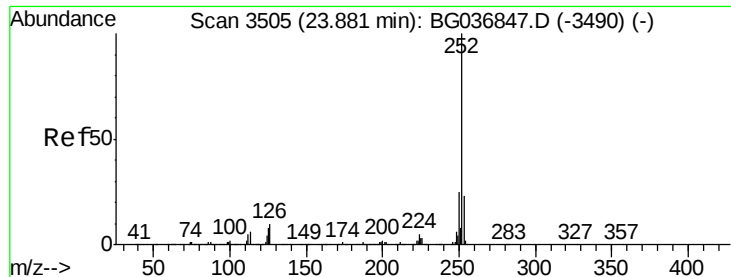
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	10.6	15.8#
277	25.2	20.6	30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037091.D
 Acq: 2 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	20.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.871 ng

RT: 23.86 min Scan# 3501

Delta R.T. -0.02 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

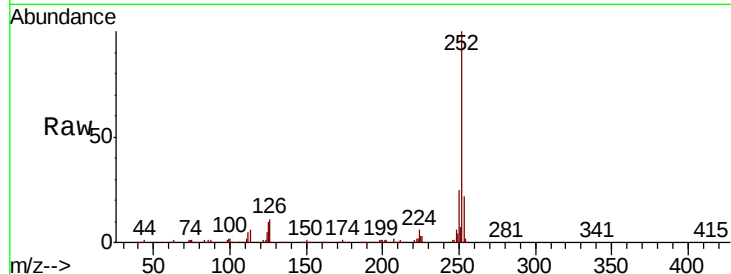
Tgt Ion:252 Resp: 676723

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

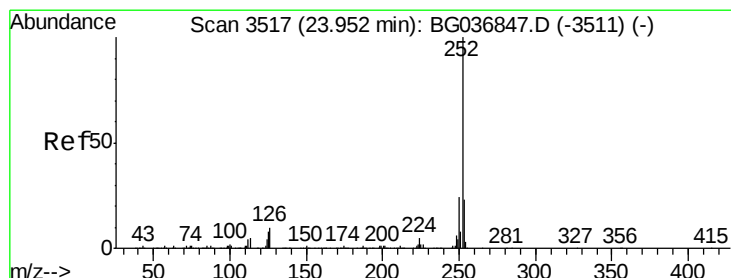
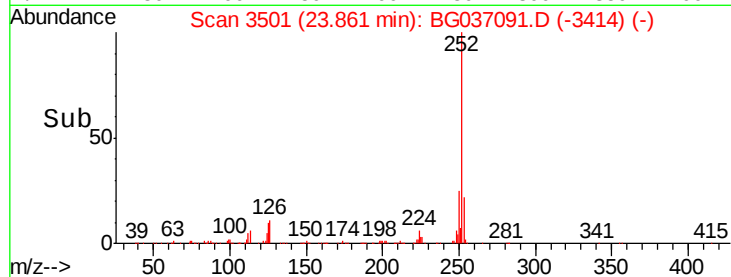
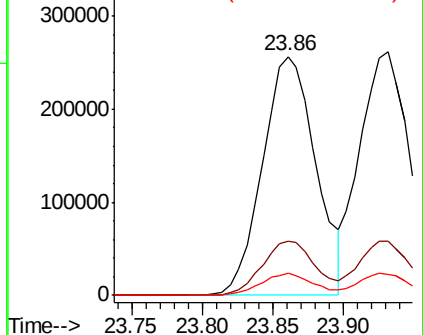
125 9.5 6.6 10.0



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: 37.683 ng

RT: 23.93 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

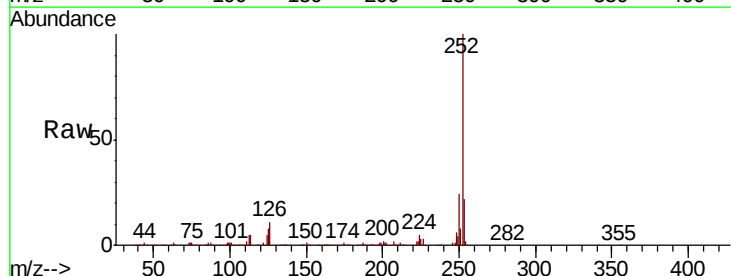
Tgt Ion:252 Resp: 675571

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

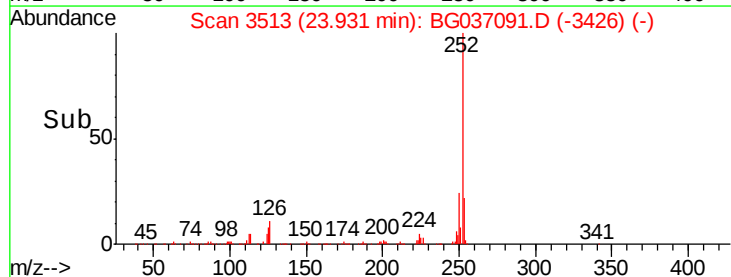
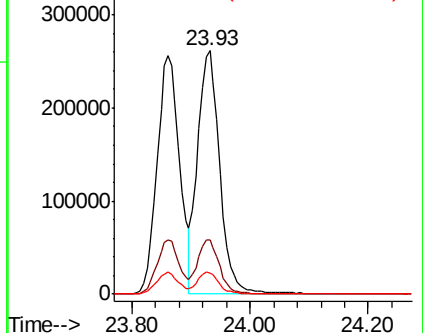
125 8.5 7.0 10.6

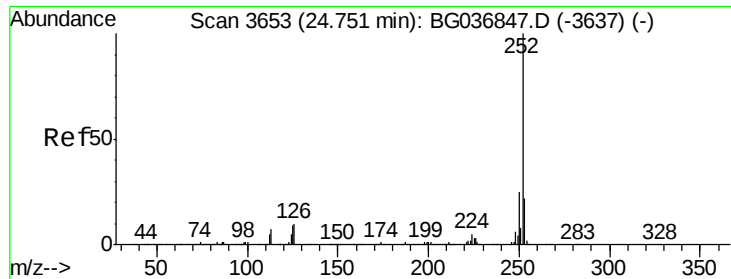


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.925 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS

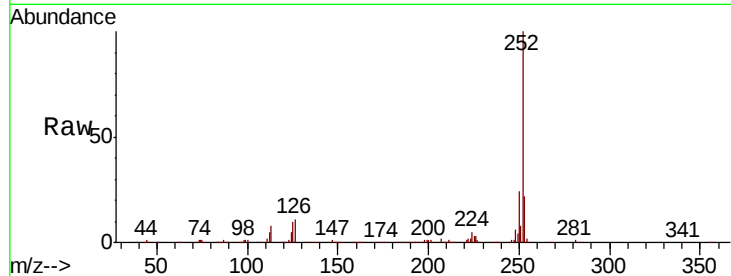
Tgt Ion:252 Resp: 672448

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

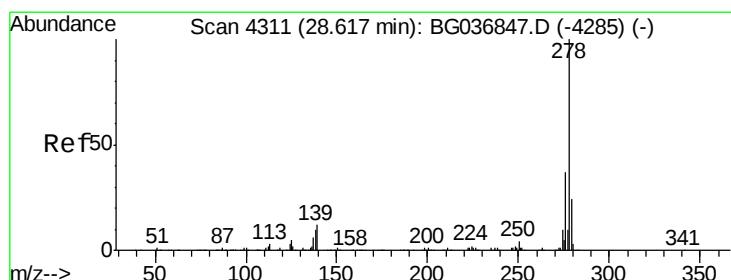
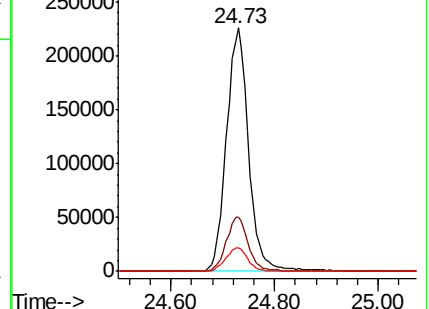
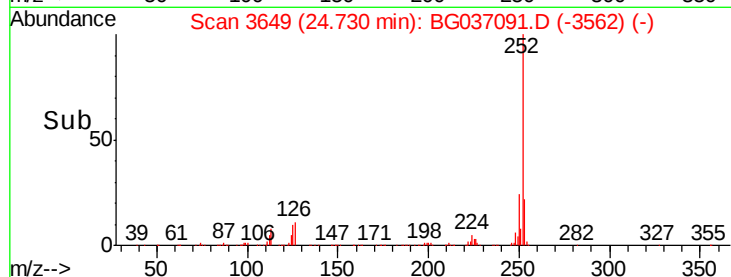
125 9.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.164 ng

RT: 28.58 min Scan# 4305

Delta R.T. -0.03 min

Lab File: BG037091.D

Acq: 2 Oct 2018 00:47

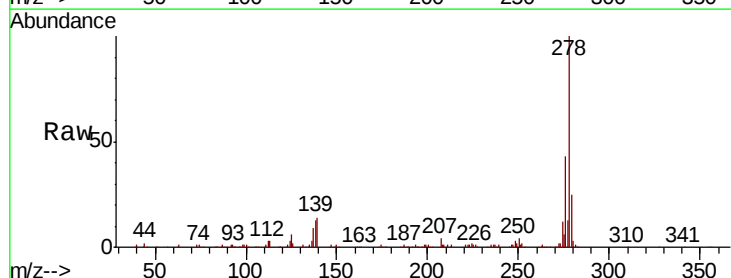
Tgt Ion:278 Resp: 617914

Ion Ratio Lower Upper

278 100

139 13.7 11.0 16.4

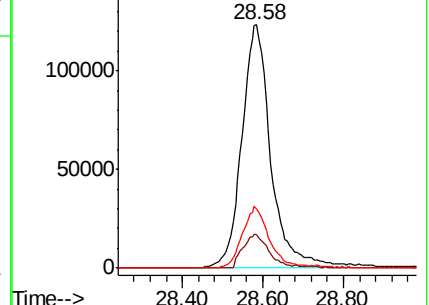
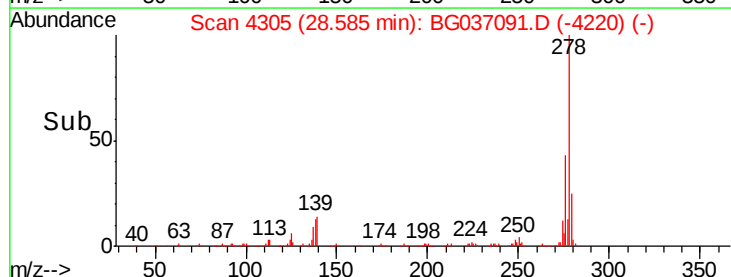
279 24.6 18.7 28.1

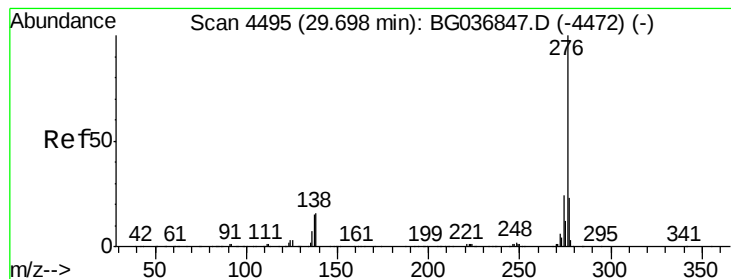


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.062 ng

RT: 29.66 min Scan# 4488

Delta R.T. -0.04 min

Lab File: BG037091.D

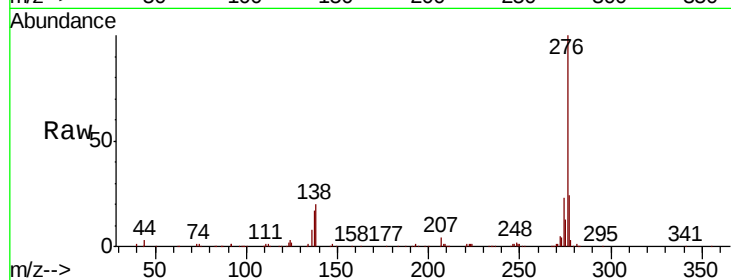
Acq: 2 Oct 2018 00:47

Instrument :

BNA_G

ClientSampleId :

PB113379BS



Tgt Ion:	276	Resp:	618476
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	20.1	14.6	22.0

