

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037070.D
 Acq On : 29 Sep 2018 4:09
 Operator : JU/SJ
 Sample : PB113333BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Quant Time: Sep 29 06:15:10 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	38021	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	159176	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	104462	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	279687	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	293317	20.00	ng	-0.01
86) Perylene-d12	24.88	264	303144	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	243950	123.05	ng	0.00
7) Phenol-d6	7.20	99	338948	110.50	ng	-0.01
23) Nitrobenzene-d5	9.20	82	226571	76.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	142038	113.65	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	479229	68.33	ng	-0.01
78) Terphenyl-d14	20.02	244	914293	81.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37171	40.974	ng	96
3) Pyridine	3.91	79	100763	38.468	ng	97
4) n-Nitrosodimethylamine	3.83	42	60285	51.782	ng	# 96
6) Aniline	7.37	93	71967	18.082	ng	99
8) 2-Chlorophenol	7.61	128	101235	43.977	ng	95
9) Benzaldehyde	7.18	77	58923	29.071	ng	92
10) Phenol	7.23	94	137857	43.548	ng	94
11) bis(2-Chloroethyl)ether	7.46	93	97719	33.371	ng	97
12) 1,3-Dichlorobenzene	7.93	146	108705	38.518	ng	99
13) 1,4-Dichlorobenzene	8.08	146	107139	37.096	ng	98
14) 1,2-Dichlorobenzene	8.39	146	106476	38.044	ng	95
15) Benzyl Alcohol	8.28	79	89733	36.054	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	224744	39.977	ng	98
17) 2-Methylphenol	8.48	107	87894	39.860	ng	96
18) Hexachloroethane	9.12	117	42767	40.239	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	88389	34.639	ng	98
20) 3+4-Methylphenols	8.81	107	119371	38.913	ng	99
22) Acetophenone	8.86	105	156035	41.714	ng	96
24) Nitrobenzene	9.25	77	130330	41.058	ng	99
25) Isophorone	9.76	82	244572	45.031	ng	99
26) 2-Nitrophenol	9.96	139	53977	42.661	ng	98
27) 2,4-Dimethylphenol	10.01	122	92664	47.017	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	138926	41.454	ng	98
29) 2,4-Dichlorophenol	10.49	162	100478	43.979	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	109086	38.153	ng	98
31) Naphthalene	10.89	128	327827	43.285	ng	99
32) Benzoic acid	10.15	122	27341	21.730	ng	96
33) 4-Chloroaniline	11.01	127	35039	10.175	ng	97
34) Hexachlorobutadiene	11.17	225	73442	37.143	ng	98
35) Caprolactam	11.78	113	28335	30.132	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	120848	44.330	ng	97
37) 2-Methylnaphthalene	12.50	142	244342	42.360	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	134790	36.995	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	164566	87.823	ng	98

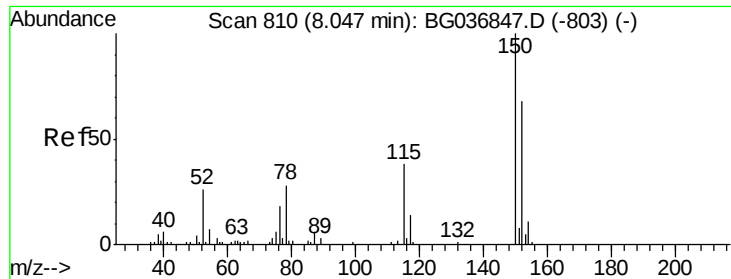
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	84531	41.780	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	96389	44.679	ng	95
45) 1,1'-Biphenyl	13.50	154	322833	40.353	ng	99
46) 2-Chloronaphthalene	13.54	162	243349	38.679	ng	98
47) 2-Nitroaniline	13.75	65	96705	44.439	ng	96
48) Acenaphthylene	14.39	152	430231	43.639	ng	98
49) Dimethylphthalate	14.12	163	348020	41.389	ng	99
50) 2,6-Dinitrotoluene	14.24	165	75675	41.249	ng	99
51) Acenaphthene	14.73	154	244240	40.990	ng	100
52) 3-Nitroaniline	14.58	138	35082	18.147	ng	# 98
53) 2,4-Dinitrophenol	14.78	184	35595	45.091	ng	# 83
54) Dibenzofuran	15.06	168	410716	40.751	ng	99
55) 4-Nitrophenol	14.88	139	118504	95.954	ng	92
56) 2,4-Dinitrotoluene	15.03	165	110650	43.224	ng	97
57) Fluorene	15.72	166	335105	44.484	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	101988	46.601	ng	99
59) Diethylphthalate	15.48	149	355968	41.973	ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	181996	38.149	ng	98
61) 4-Nitroaniline	15.74	138	83965	41.292	ng	94
62) Azobenzene	16.00	77	371892	45.637	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	48787	33.364	ng	97
65) n-Nitrosodiphenylamine	15.92	169	307666	39.846	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	118122	37.130	ng	94
67) Hexachlorobenzene	16.71	284	118656	36.214	ng	96
68) Atrazine	16.87	200	134094	42.890	ng	98
69) Pentachlorophenol	17.06	266	136623	66.229	ng	97
70) Phenanthrene	17.45	178	588765	43.684	ng	99
71) Anthracene	17.54	178	600666	45.071	ng	100
72) Carbazole	17.81	167	538653	41.454	ng	99
73) Di-n-butylphthalate	18.37	149	636975	44.141	ng	100
74) Fluoranthene	19.46	202	737215	45.441	ng	98
76) Benzidine	19.65	184	190197	21.450	ng	99
77) Pyrene	19.82	202	734573	41.734	ng	99
79) Butylbenzylphthalate	20.70	149	304490	43.401	ng	97
80) Benzo(a)anthracene	21.66	228	733087	42.815	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	134050	20.568	ng	96
82) Chrysene	21.73	228	701785	42.420	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	423221	43.182	ng	98
84) Di-n-octyl phthalate	22.76	149	730296	45.256	ng	100
85) Indeno(1,2,3-cd)pyrene	28.52	276	810029	45.597	ng	# 93
87) Benzo(b)fluoranthene	23.86	252	702371	43.476	ng	98
88) Benzo(k)fluoranthene	23.93	252	716678	44.218	ng	99
89) Benzo(a)pyrene	24.73	252	697340	44.648	ng	97
90) Dibenzo(a,h)anthracene	28.58	278	661560	45.195	ng	98
91) Benzo(g,h,i)perylene	29.66	276	673503	45.846	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

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BNA_G

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PB113333BS

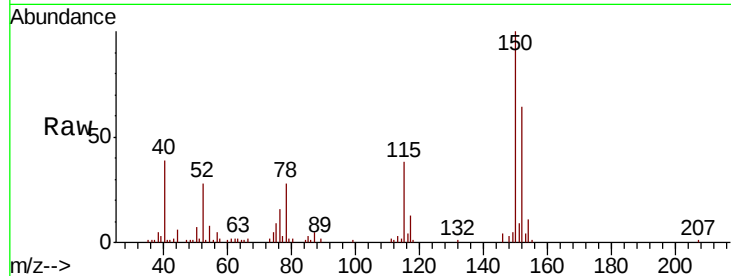
Tgt Ion:152 Resp: 38021

Ion Ratio Lower Upper

152 100

150 156.5 119.5 179.3

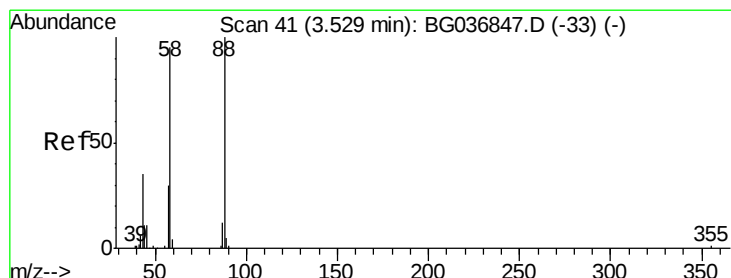
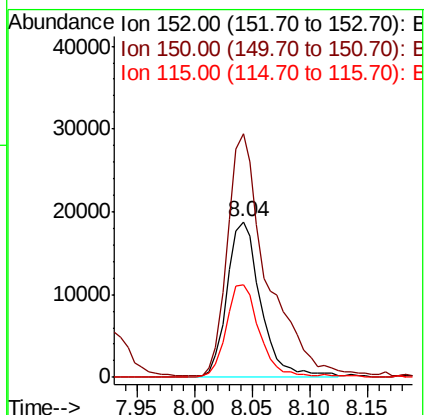
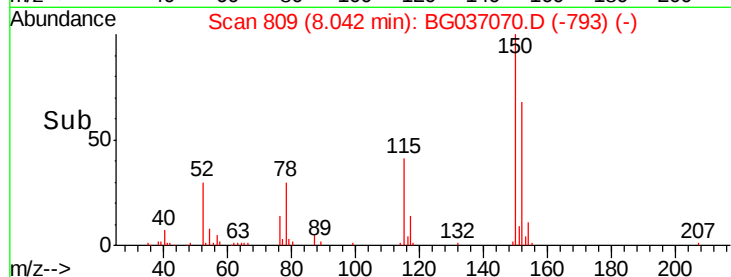
115 59.8 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.974 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

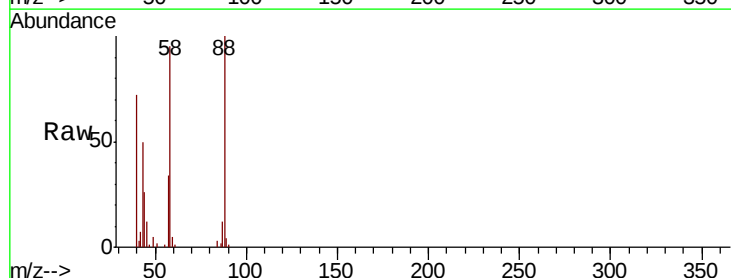
Tgt Ion: 88 Resp: 37171

Ion Ratio Lower Upper

88 100

58 92.5 72.6 109.0

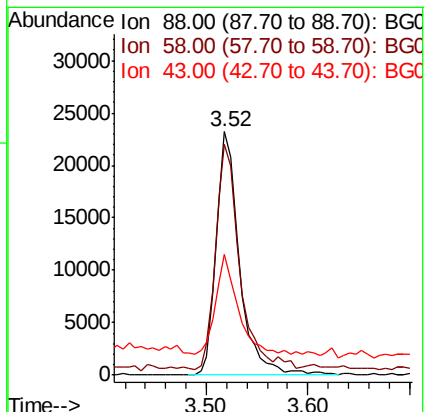
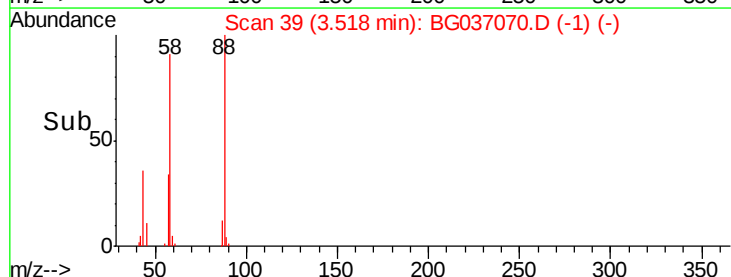
43 42.5 29.0 43.4

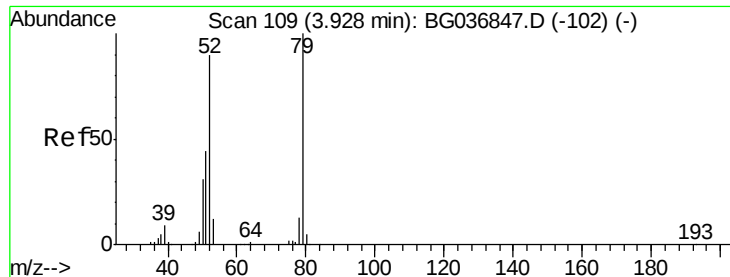


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 38.468 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

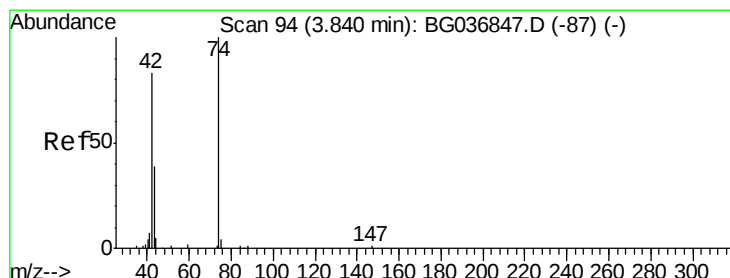
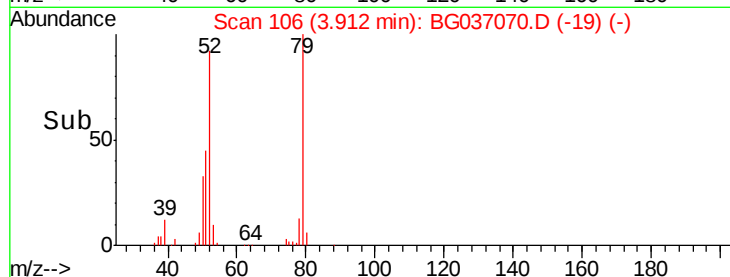
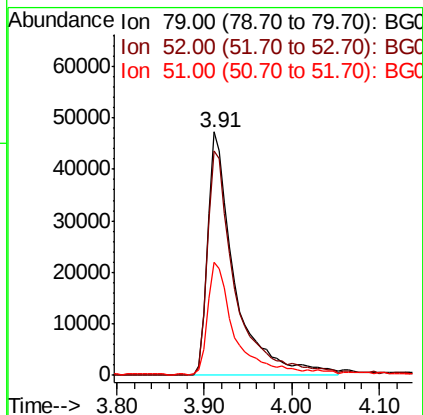
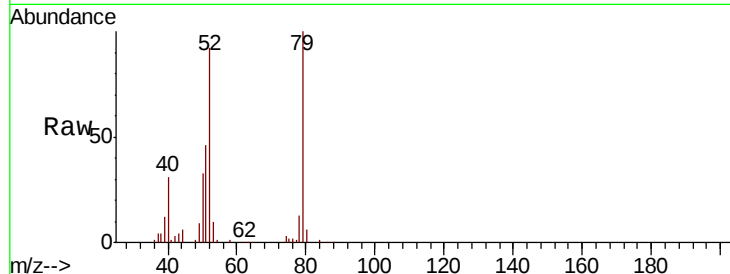
Tgt Ion: 79 Resp: 100763

Ion Ratio Lower Upper

79 100

52 92.3 72.3 108.5

51 46.2 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 51.782 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

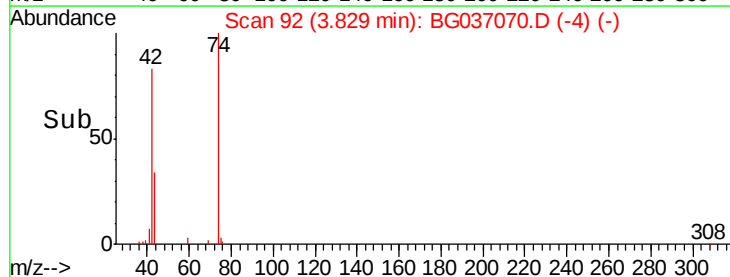
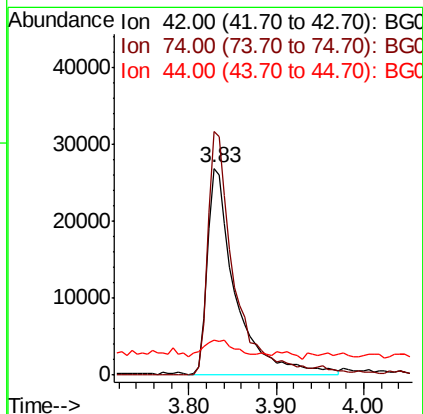
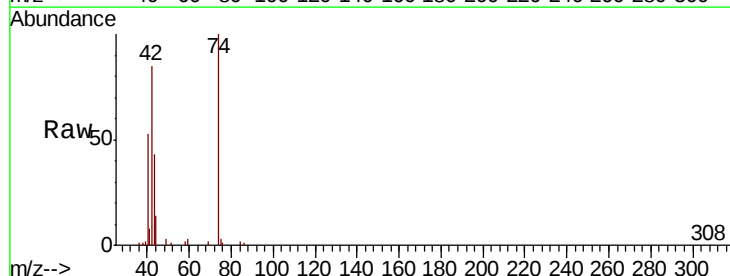
Tgt Ion: 42 Resp: 60285

Ion Ratio Lower Upper

42 100

74 117.9 96.6 145.0

44 17.0 7.0 10.4#





#5

2-Fluorophenol

Concen: 123.049 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

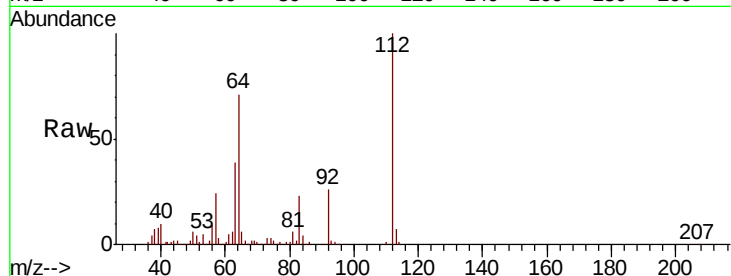
Tgt Ion: 112 Resp: 243950

Ion Ratio Lower Upper

112 100

64 70.8 57.2 85.8

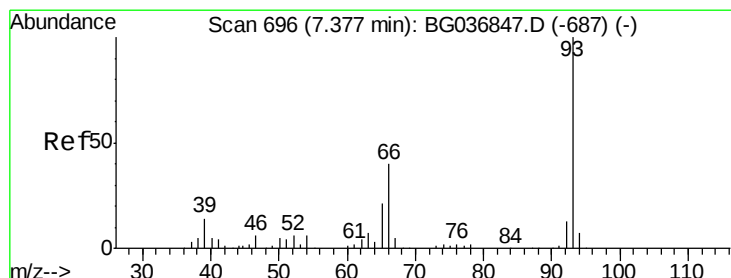
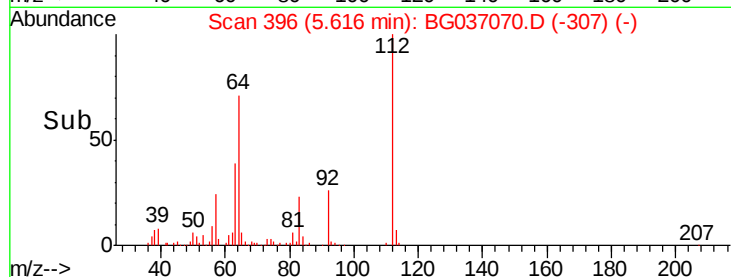
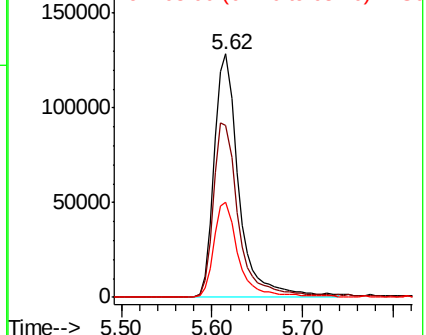
63 39.0 30.8 46.2



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: 18.082 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

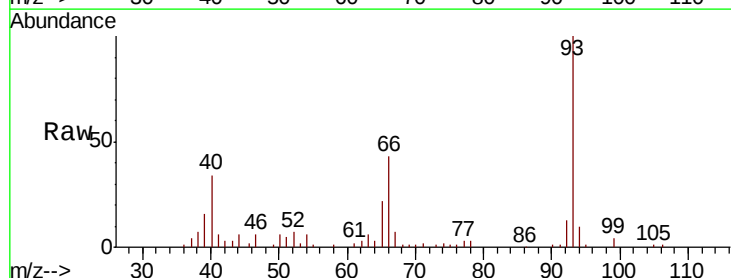
Tgt Ion: 93 Resp: 71967

Ion Ratio Lower Upper

93 100

66 43.3 35.0 52.4

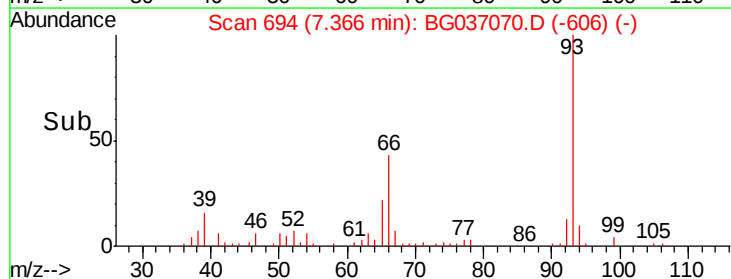
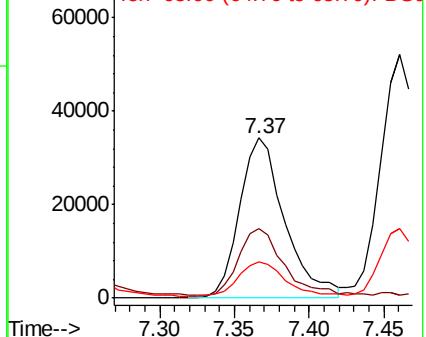
65 22.4 17.6 26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.502 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

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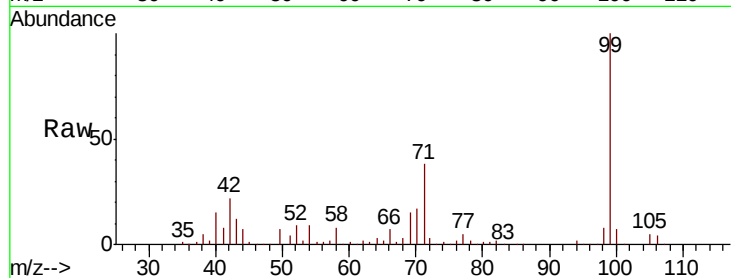
Tgt Ion: 99 Resp: 338948

Ion Ratio Lower Upper

99 100

42 22.5 16.5 24.7

71 38.1 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

200000

150000

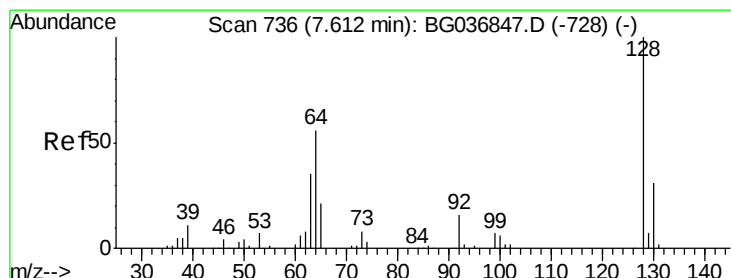
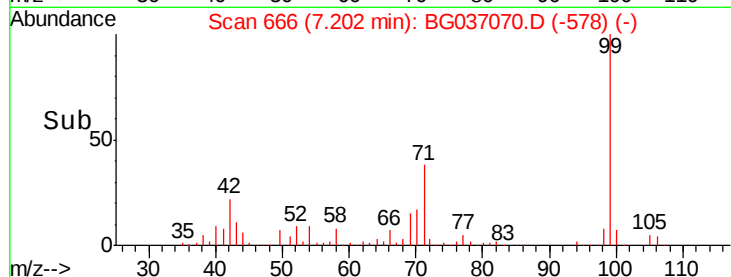
100000

50000

0

7.10 7.20 7.30 7.40

Time-->



#8

2-Chlorophenol

Concen: 43.977 ng

RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

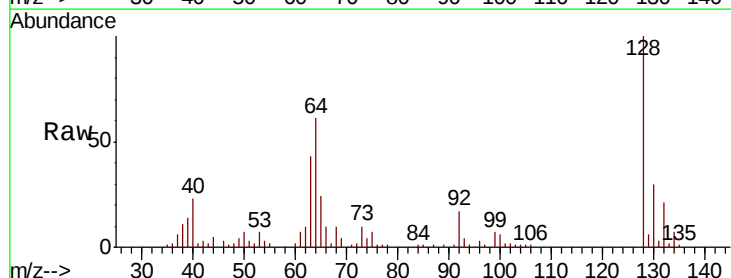
Tgt Ion: 128 Resp: 101235

Ion Ratio Lower Upper

128 100

130 30.2 10.0 50.0

64 61.1 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

60000

50000

40000

30000

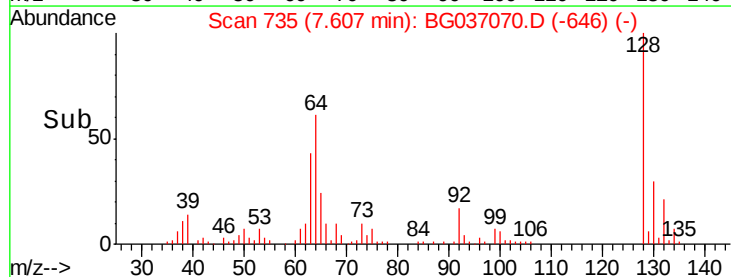
20000

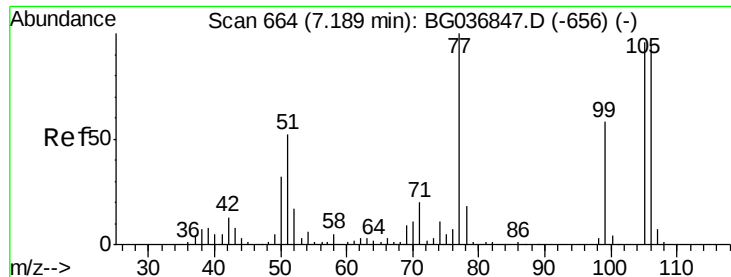
10000

0

7.50 7.60 7.70 7.80

Time-->





#9

Benzaldehyde

Concen: 29.071 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

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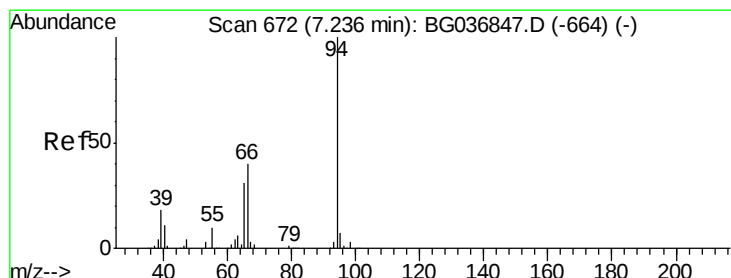
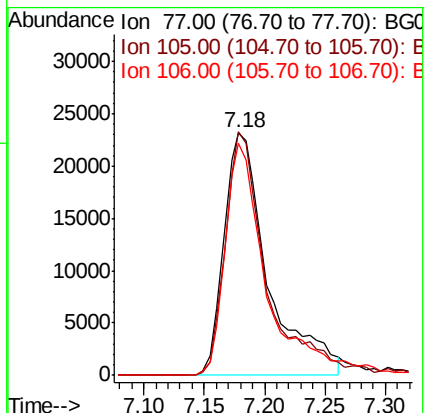
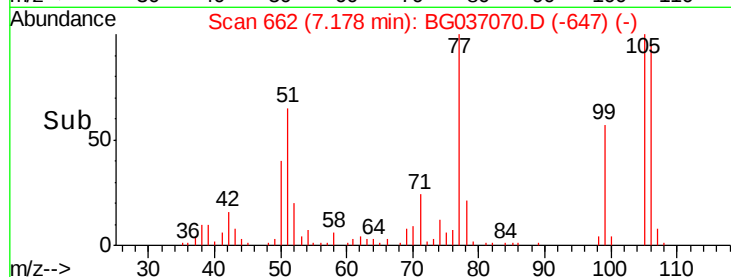
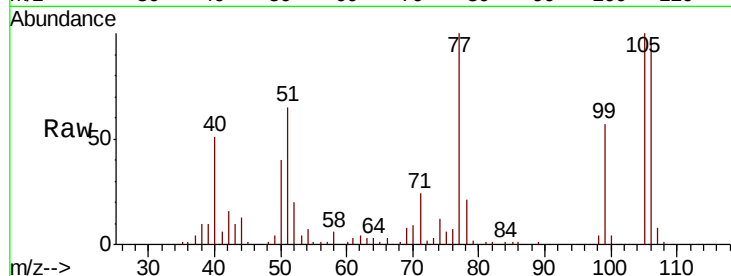
Tgt Ion: 77 Resp: 58923

Ion Ratio Lower Upper

77 100

105 100.3 70.5 110.5

106 95.6 69.8 109.8



#10

Phenol

Concen: 43.548 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

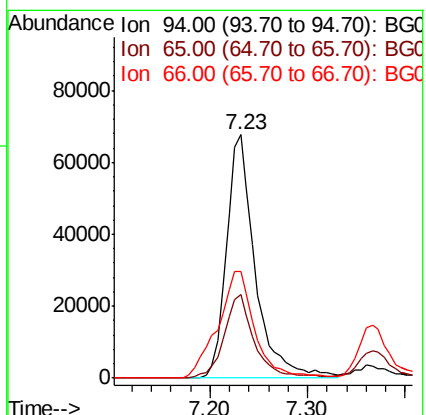
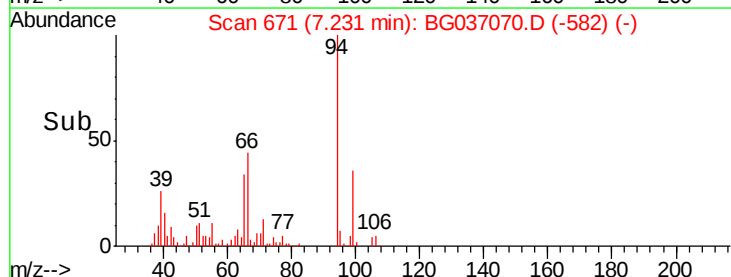
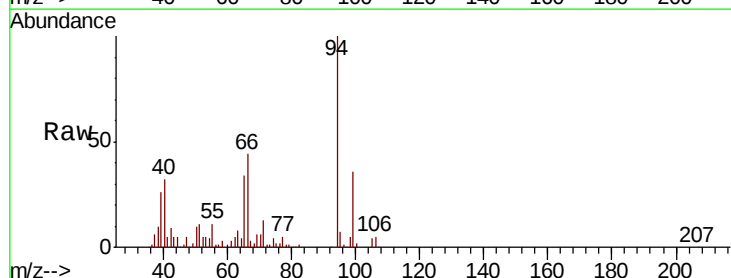
Tgt Ion: 94 Resp: 137857

Ion Ratio Lower Upper

94 100

65 34.4 11.5 51.5

66 43.8 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 33.371 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

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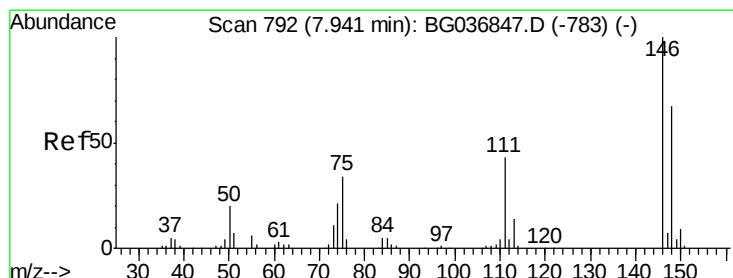
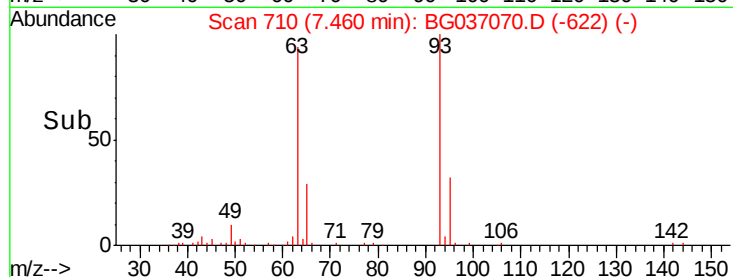
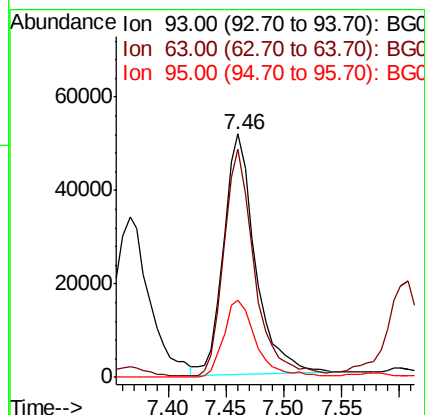
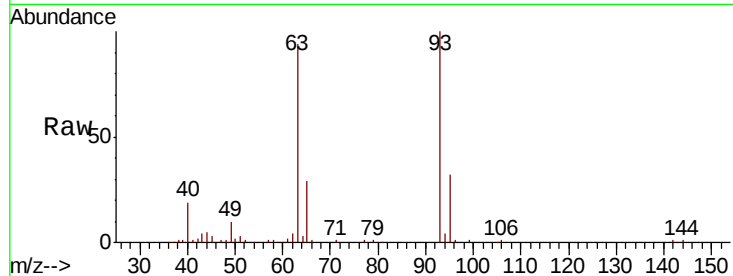
Tgt Ion: 93 Resp: 97719

Ion Ratio Lower Upper

93 100

63 93.6 69.9 109.9

95 31.5 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 38.518 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

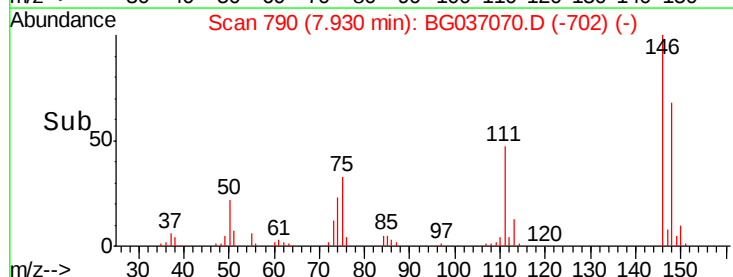
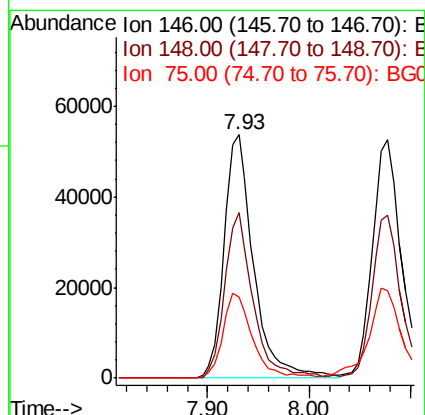
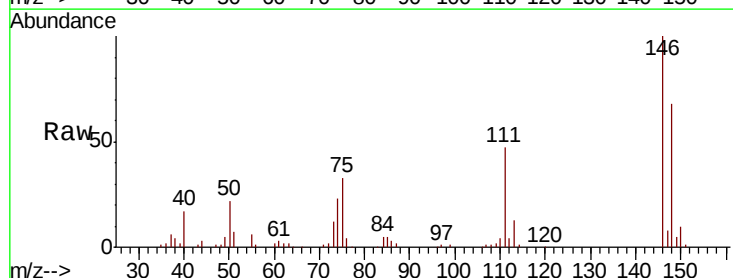
Tgt Ion: 146 Resp: 108705

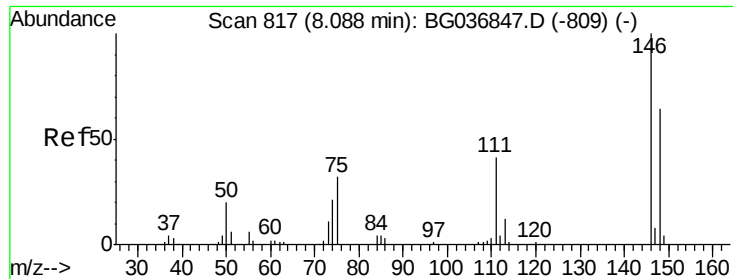
Ion Ratio Lower Upper

146 100

148 67.9 53.8 80.6

75 33.4 27.2 40.8

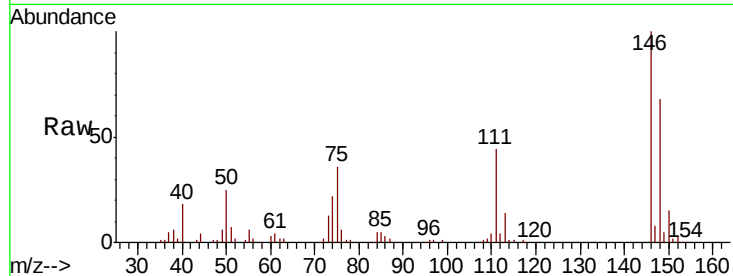




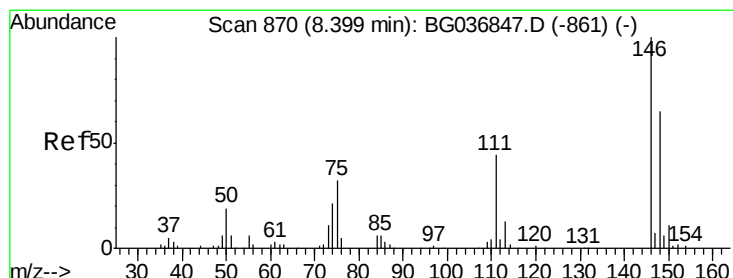
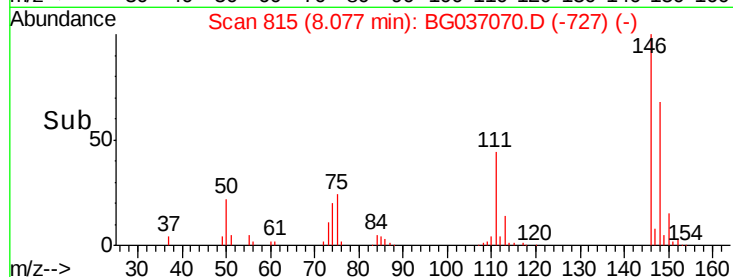
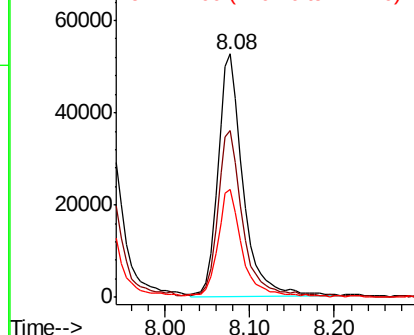
#13
 1,4-Dichlorobenzene
 Concen: 37.096 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Tgt Ion:146 Resp: 107139
 Ion Ratio Lower Upper
 146 100
 148 68.3 53.9 80.9
 111 44.4 33.8 50.6

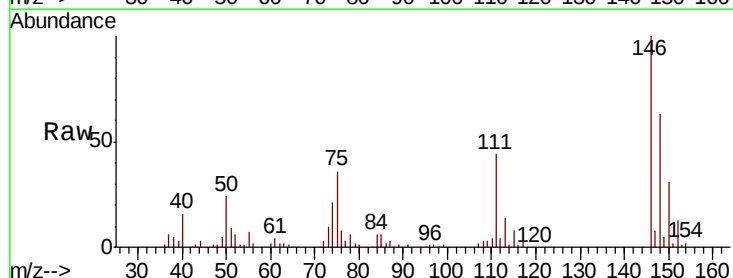


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

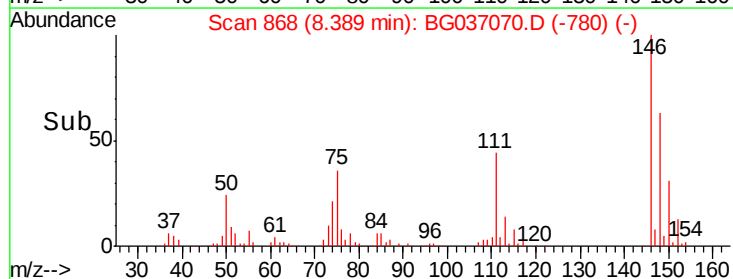
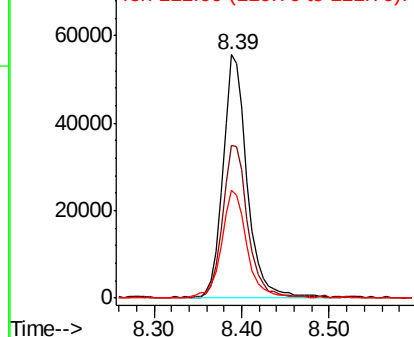


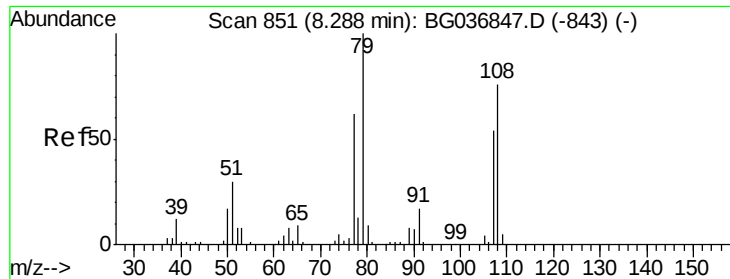
#14
 1,2-Dichlorobenzene
 Concen: 38.044 ng
 RT: 8.39 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion:146 Resp: 106476
 Ion Ratio Lower Upper
 146 100
 148 62.9 55.0 82.6
 111 44.3 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: 36.054 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

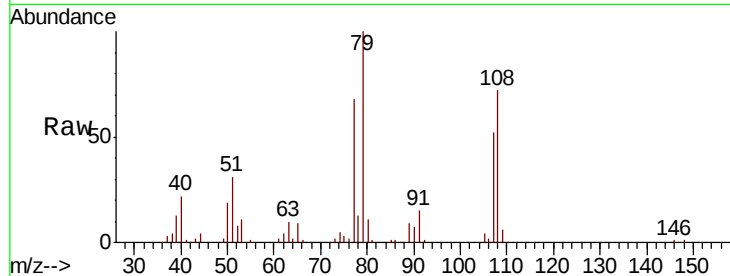
Tgt Ion: 79 Resp: 89733

Ion Ratio Lower Upper

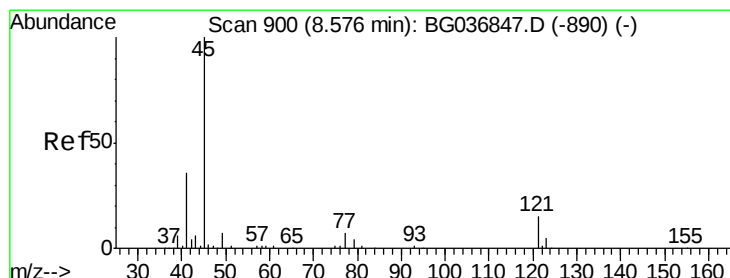
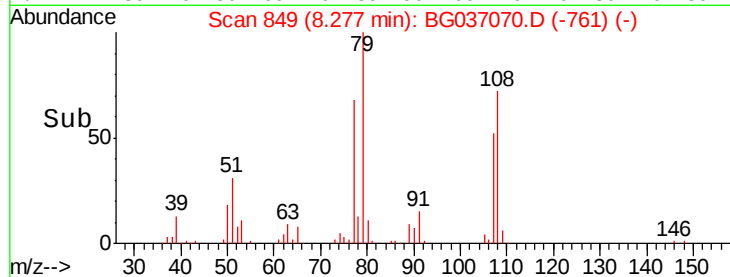
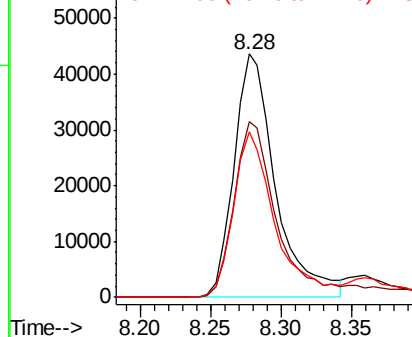
79 100

108 72.3 55.9 83.9

77 68.0 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: 39.977 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

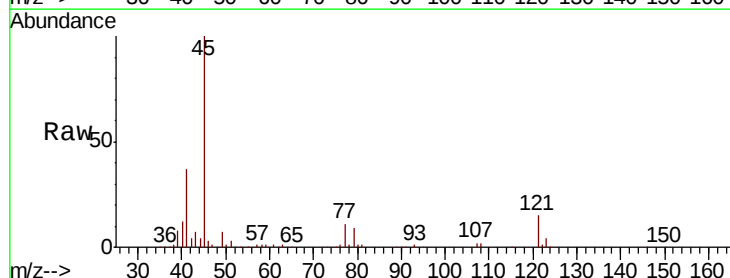
Tgt Ion: 45 Resp: 224744

Ion Ratio Lower Upper

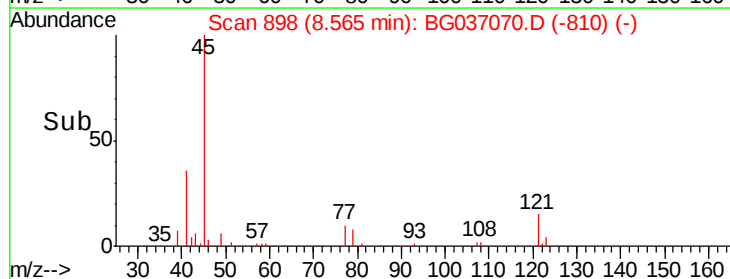
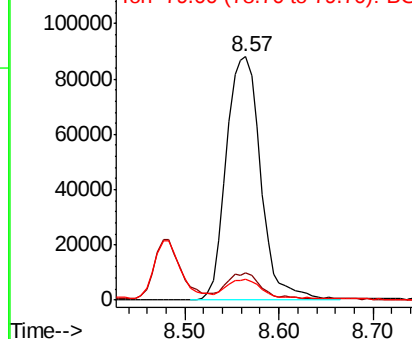
45 100

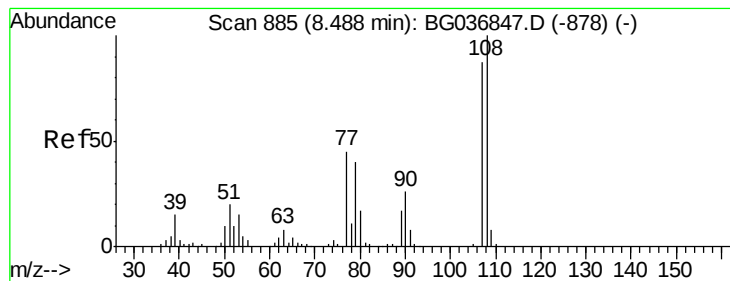
77 11.1 0.0 30.5

79 8.6 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

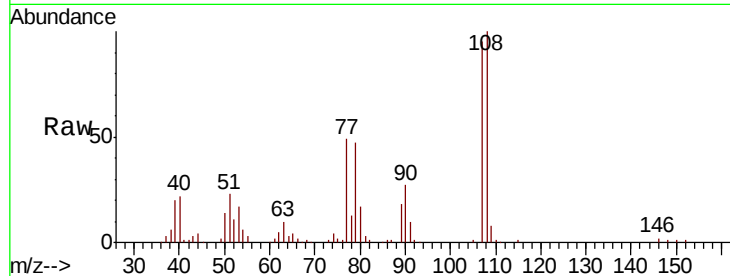




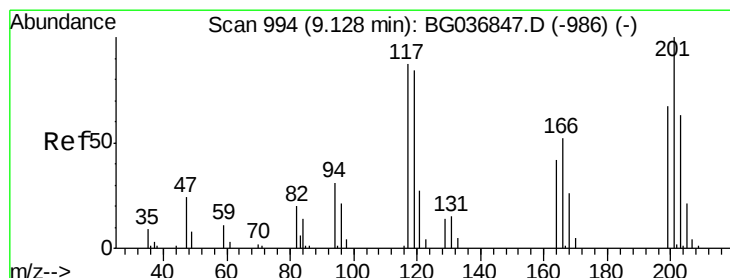
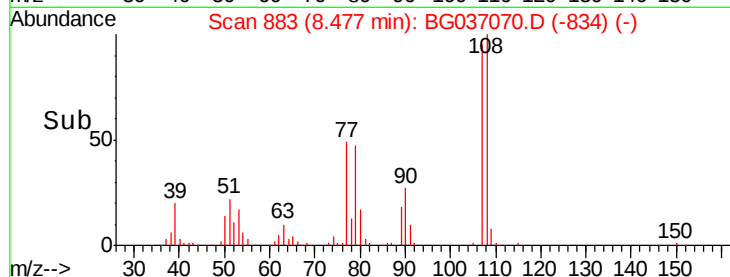
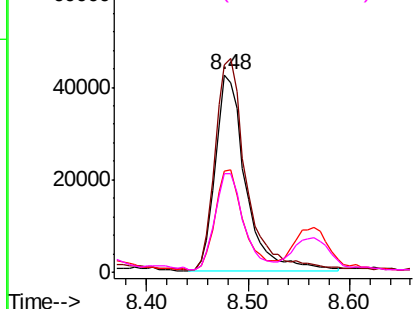
#17
2-Methylphenol
Concen: 39.860 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Tgt Ion:	107	Resp:	87894
Ion	Ratio	Lower	Upper
107	100		
108	104.8	86.7	130.1
77	51.1	39.0	58.4
79	49.7	36.6	54.8

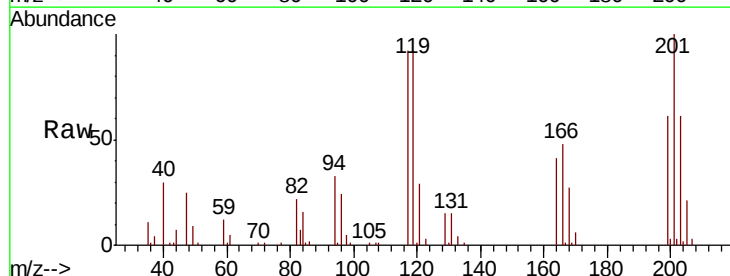


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

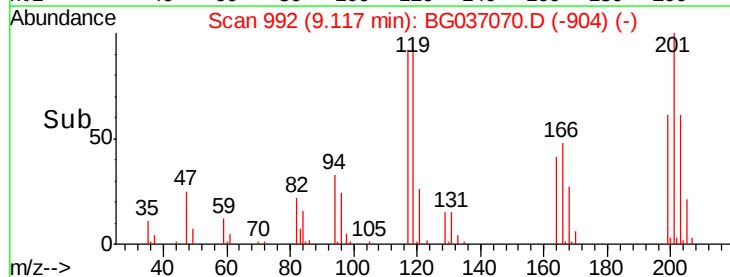
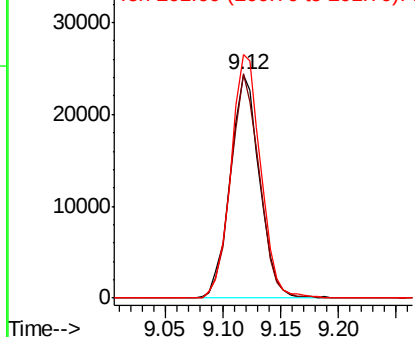


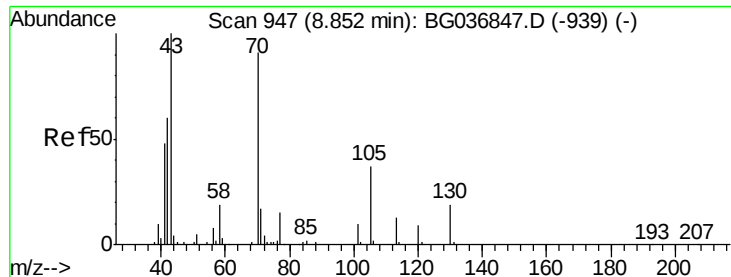
#18
Hexachloroethane
Concen: 40.239 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:	117	Resp:	42767
Ion	Ratio	Lower	Upper
117	100		
119	100.7	76.8	115.2
201	109.0	85.7	128.5



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

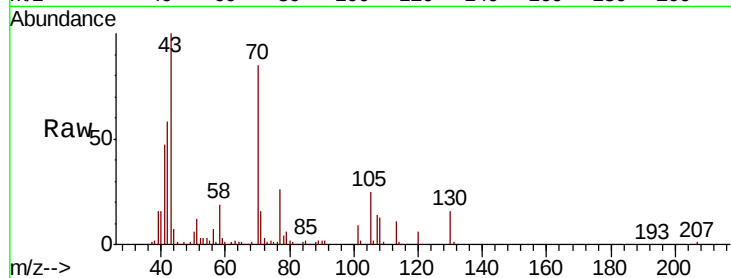




#19
n-Nitroso-di-n-propylamine
Concen: 34.639 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Tgt Ion:	70	Resp:	88389
Ion	Ratio	Lower	Upper
70	100		
42	68.8	56.2	84.4
101	10.5	7.8	11.6
130	19.2	16.2	24.2



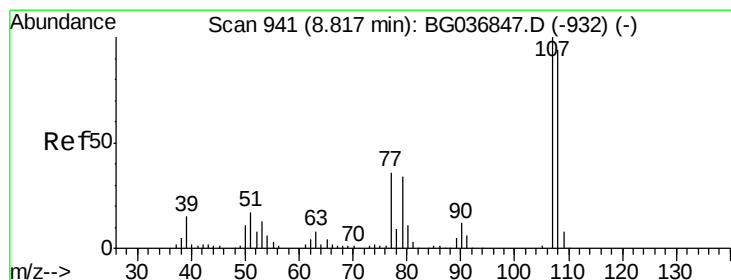
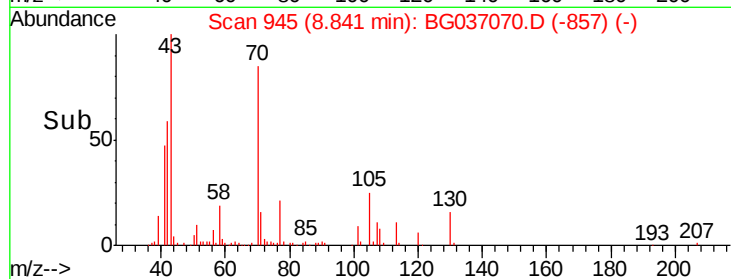
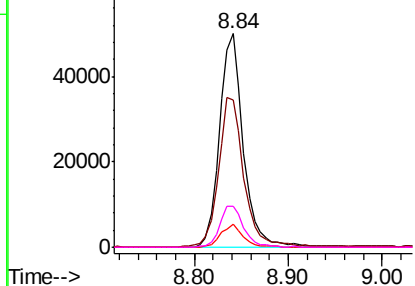
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

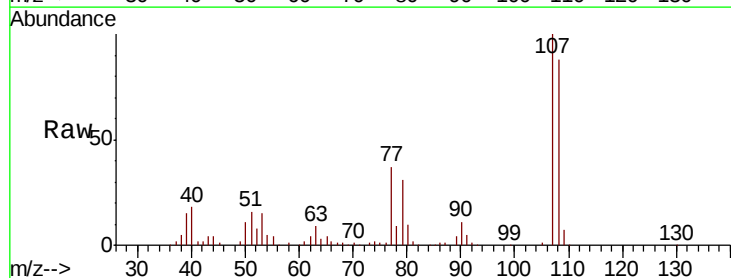
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.913 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:	107	Resp:	119371
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.0	108.0
77	36.8	15.6	55.6
79	30.6	9.9	49.9



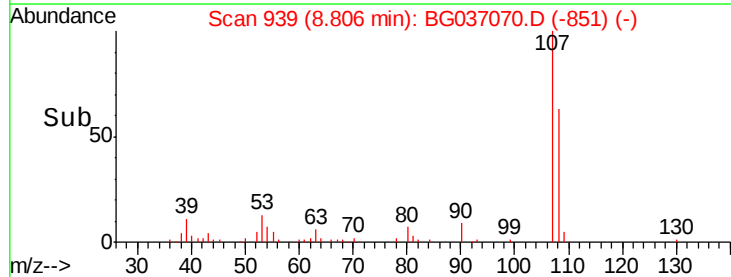
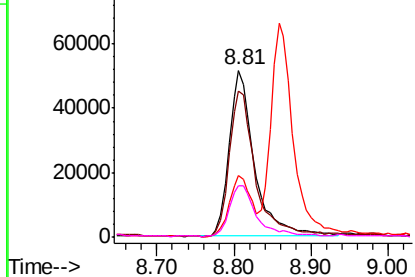
Abundance

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# 1286

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

Tgt Ion:136 Resp: 159176

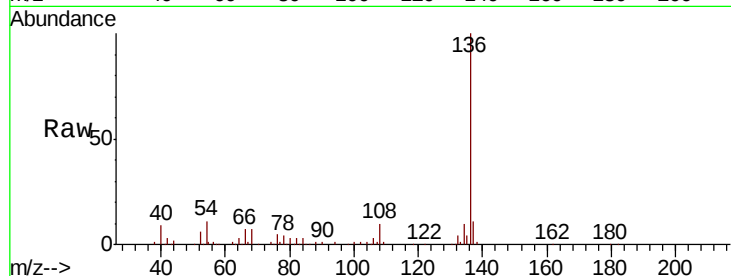
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.3 9.2 13.8

68 7.3 5.8 8.6

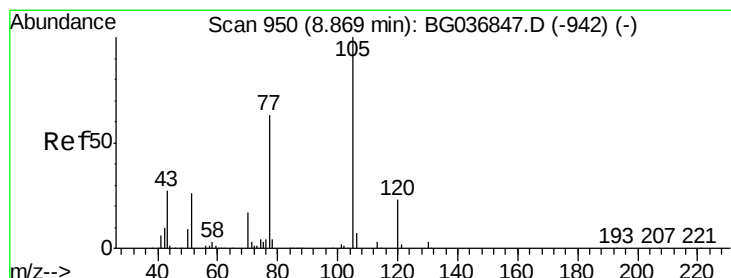
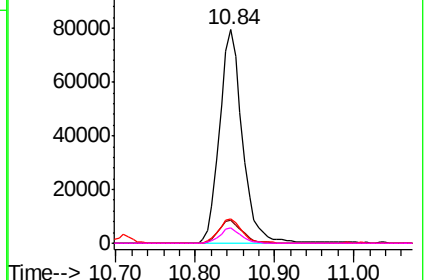
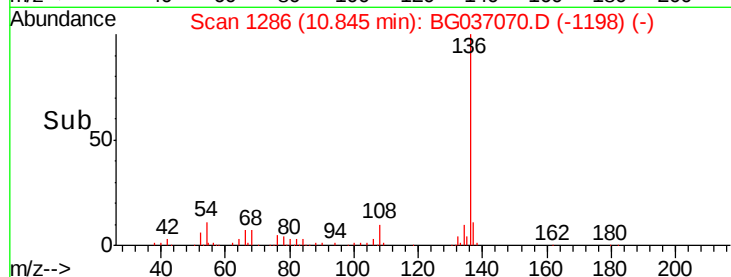


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.714 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Tgt Ion:105 Resp: 156035

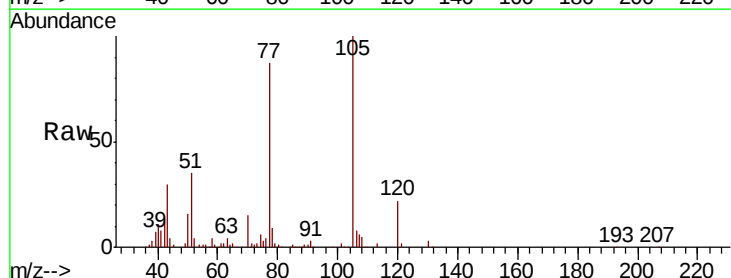
Ion Ratio Lower Upper

105 100

71 2.5 2.4 3.6

51 35.1 25.9 38.9

120 22.0 19.4 29.0

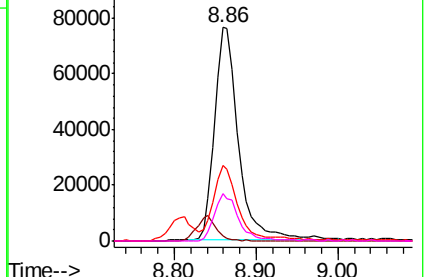
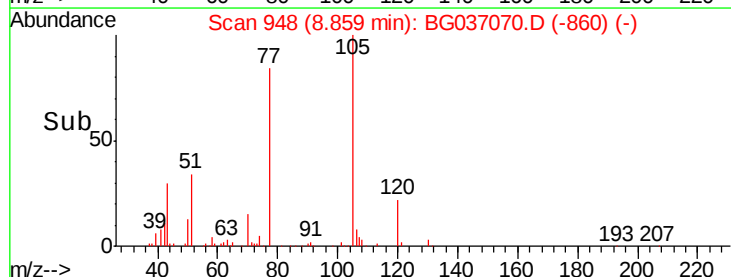


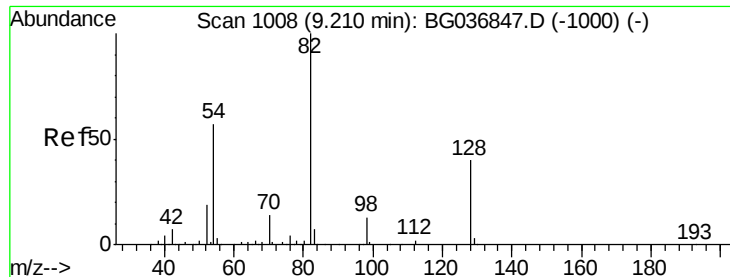
Abundance Ion 105.00 (104.70 to 105.70): E

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

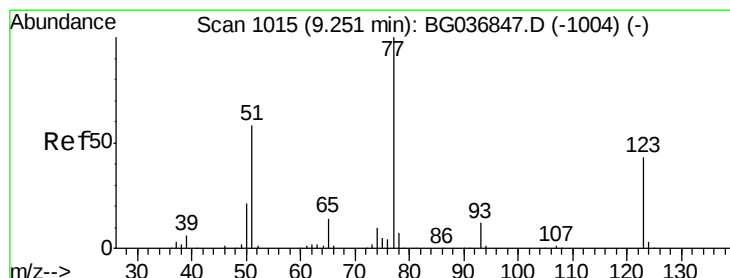
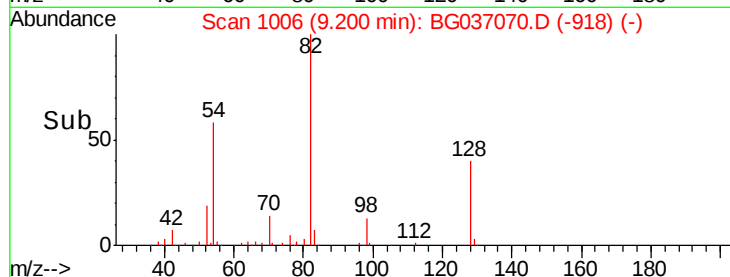
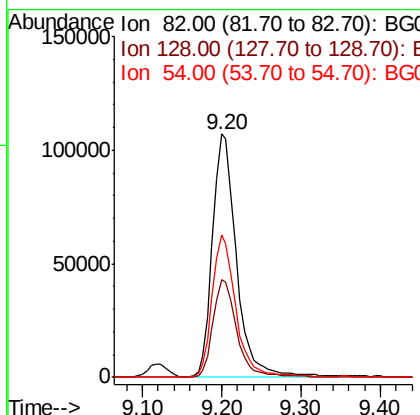
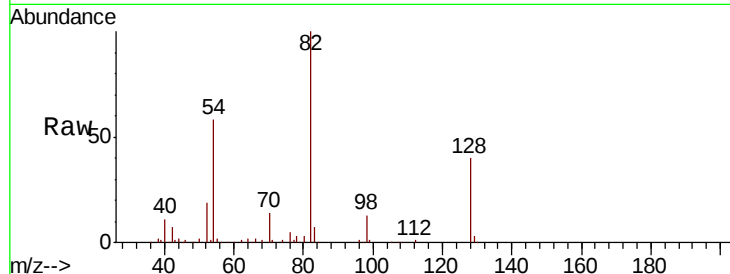




#23
Nitrobenzene-d5
Concen: 76.224 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

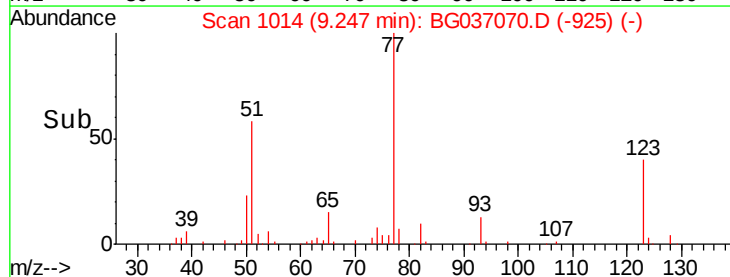
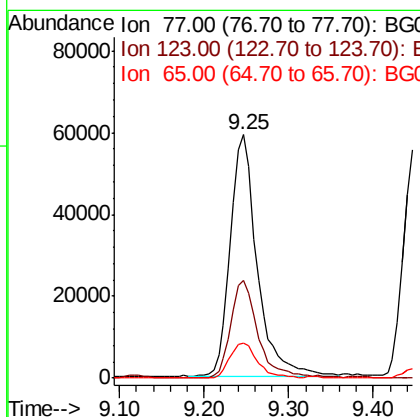
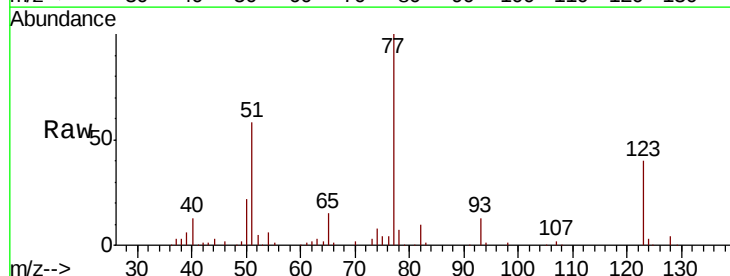
Instrument :
BNA_G
ClientSampleId :
PB113333BS

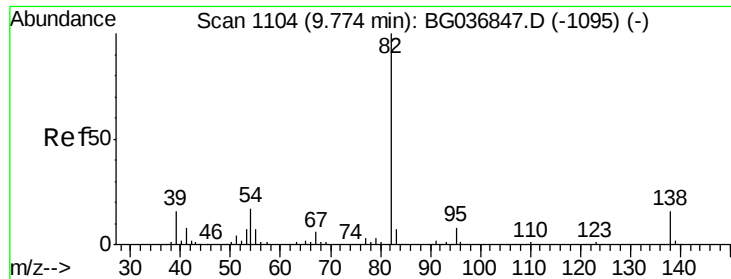
Tgt Ion: 82 Resp: 226571
Ion Ratio Lower Upper
82 100
128 40.0 33.3 49.9
54 58.5 45.1 67.7



#24
Nitrobenzene
Concen: 41.058 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion: 77 Resp: 130330
Ion Ratio Lower Upper
77 100
123 40.1 32.4 48.6
65 14.5 11.5 17.3

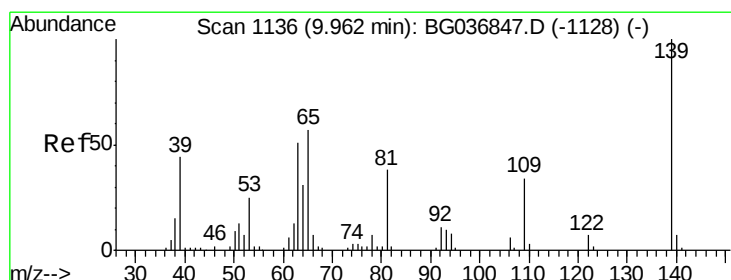
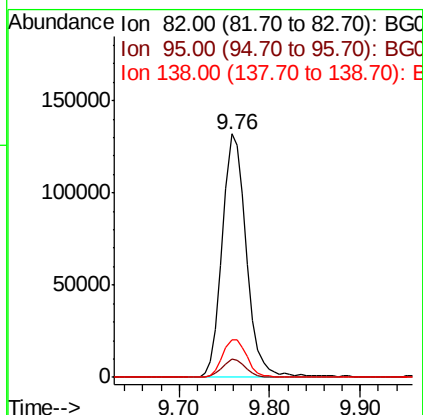
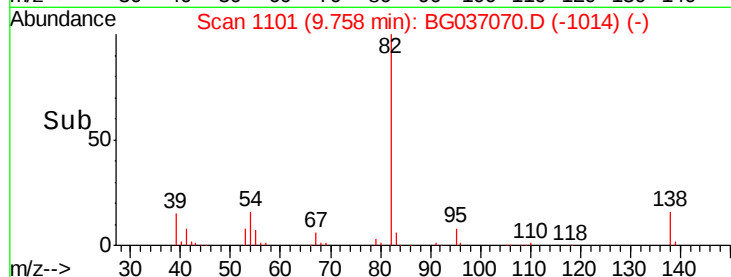
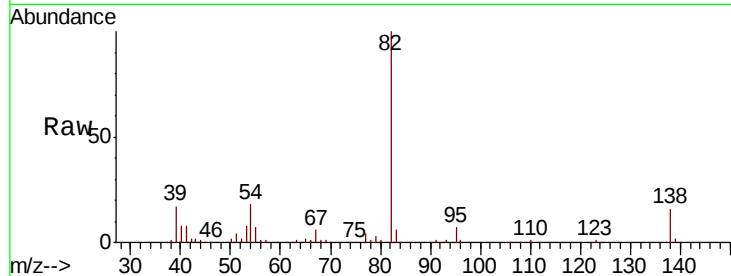




#25
Isophorone
Concen: 45.031 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

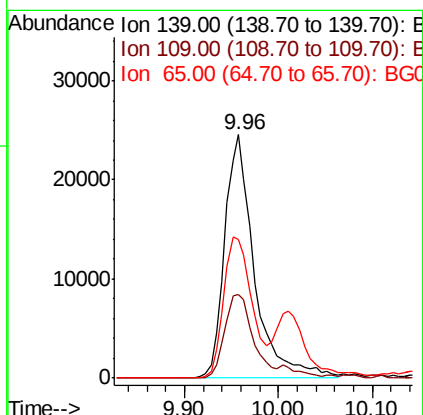
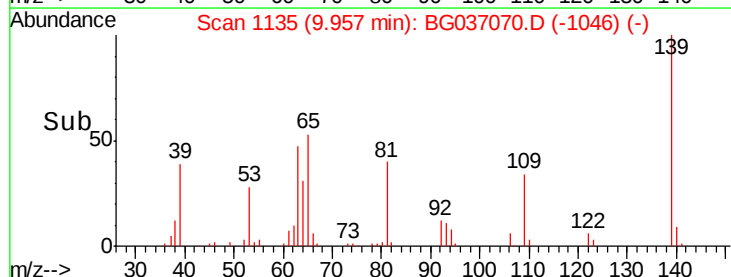
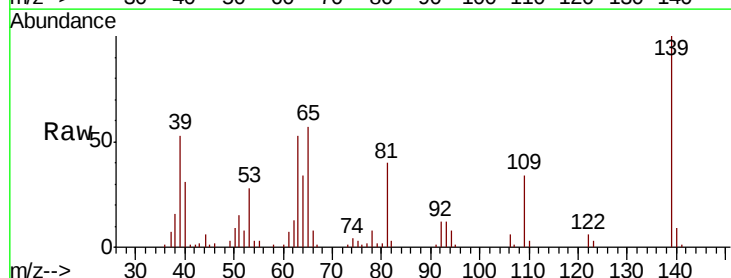
Instrument :
BNA_G
ClientSampleId :
PB113333BS

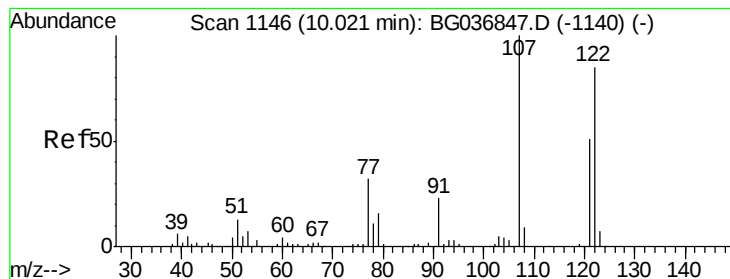
Tgt Ion: 82 Resp: 244572
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.6 12.9 19.3



#26
2-Nitrophenol
Concen: 42.661 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion: 139 Resp: 53977
Ion Ratio Lower Upper
139 100
109 34.5 27.4 41.0
65 57.2 47.8 71.6





#27

2,4-Dimethylphenol

Concen: 47.017 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

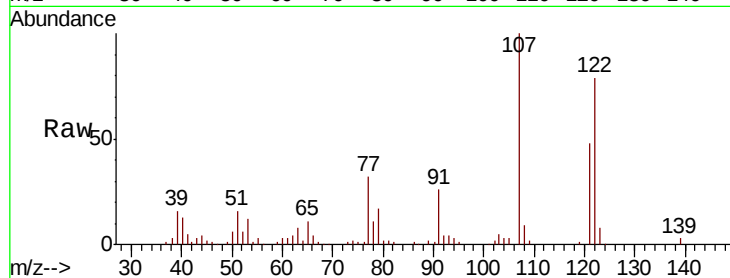
Tgt Ion:122 Resp: 92664

Ion Ratio Lower Upper

122 100

107 126.5 96.0 144.0

121 61.0 48.2 72.4

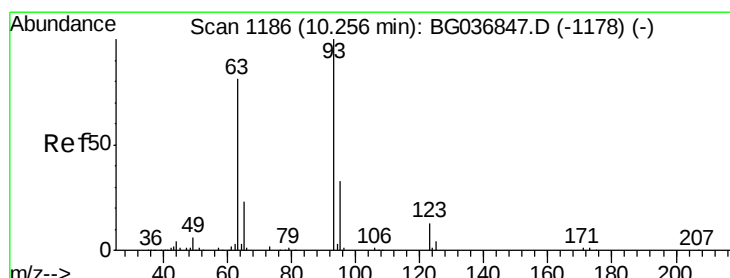
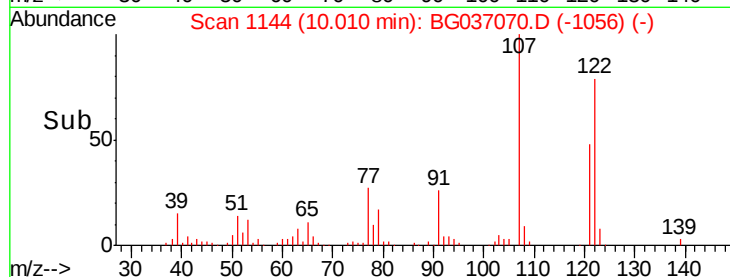
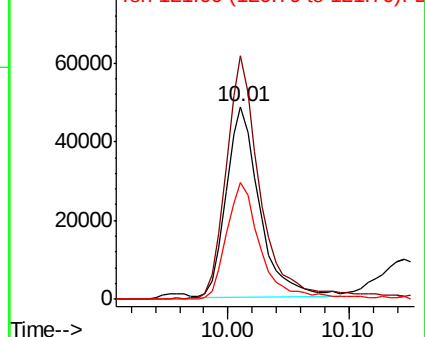


Abundance

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: 41.454 ng

RT: 10.25 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

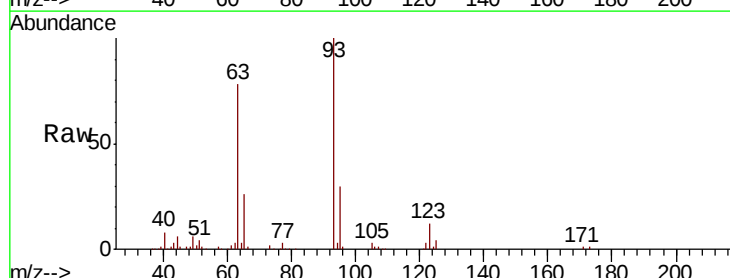
Tgt Ion: 93 Resp: 138926

Ion Ratio Lower Upper

93 100

95 30.4 25.2 37.8

123 11.5 8.6 12.8

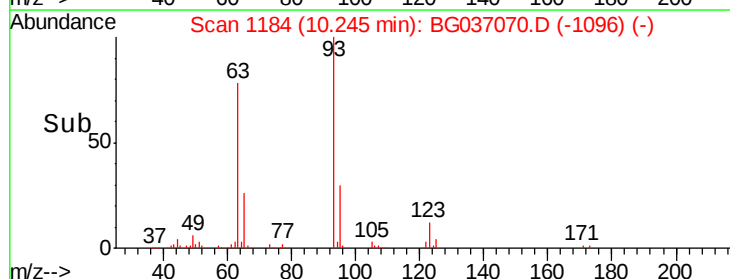
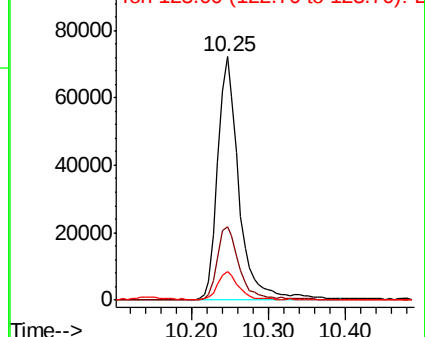


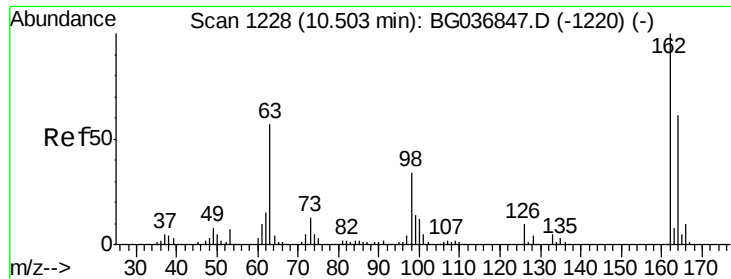
Abundance

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

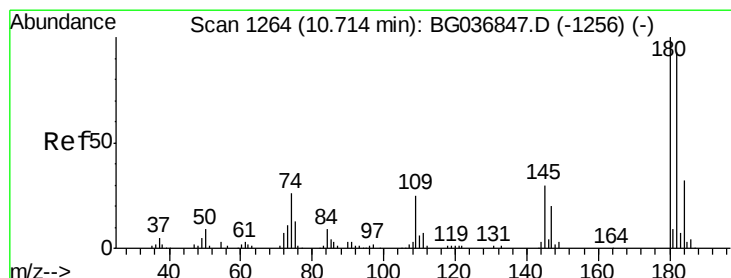
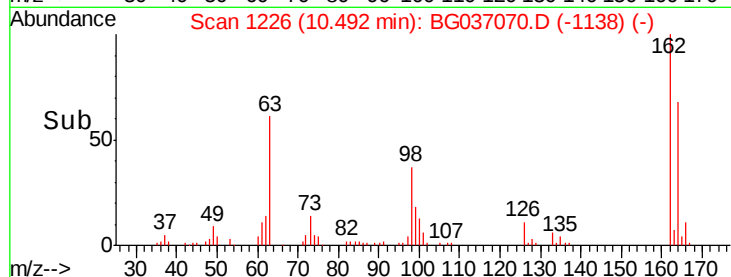
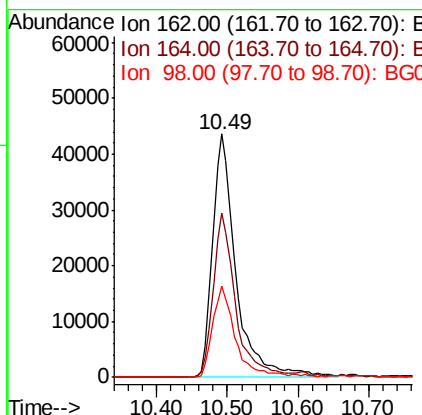
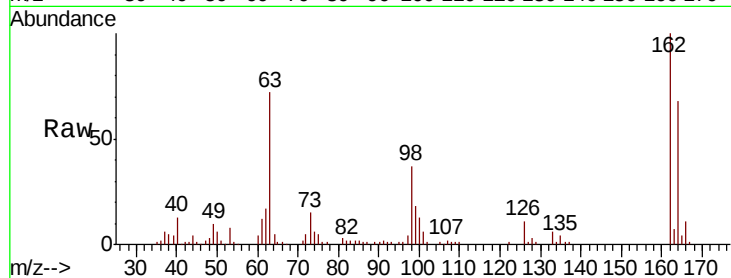




#29
 2,4-Dichlorophenol
 Concen: 43.979 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

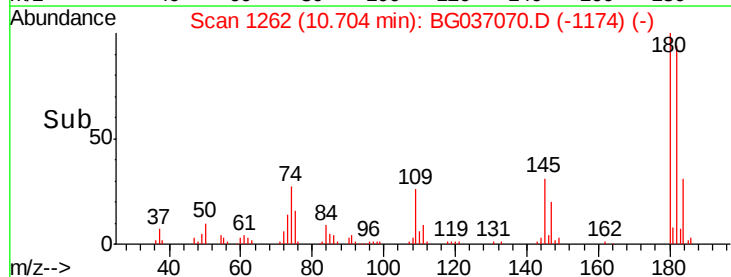
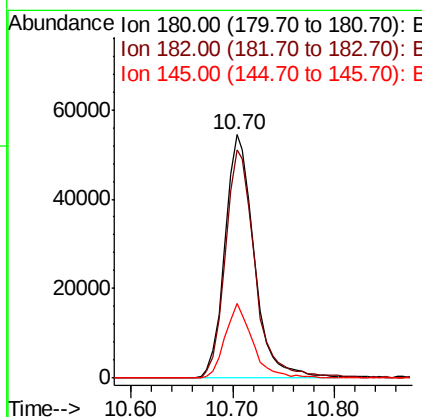
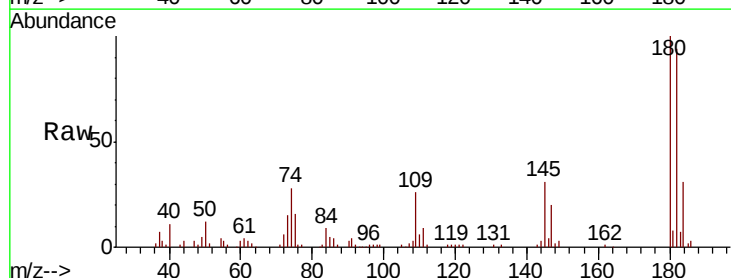
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

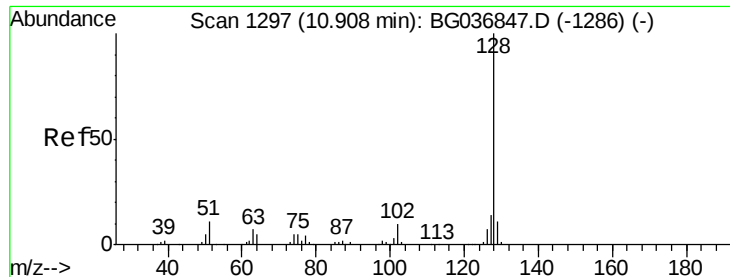
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.7	47.6	87.6
98	37.4	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.153 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.0	114.0
145	30.5	22.9	34.3

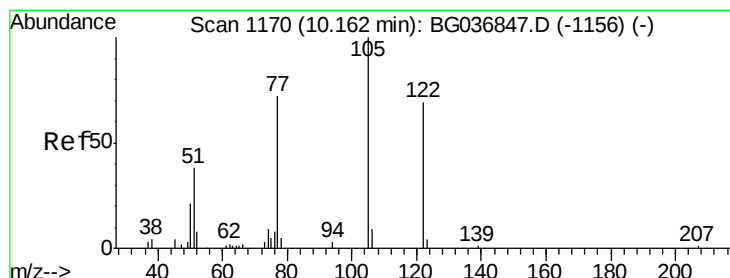
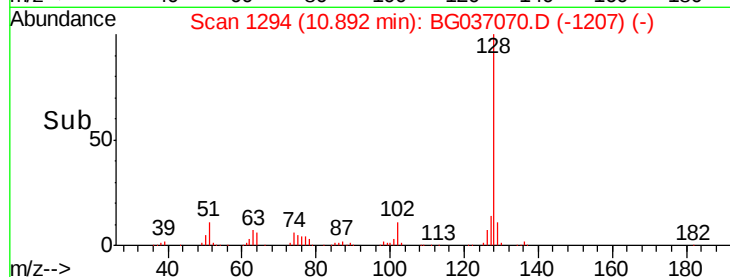
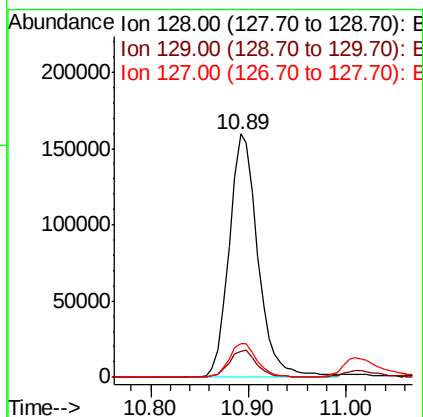
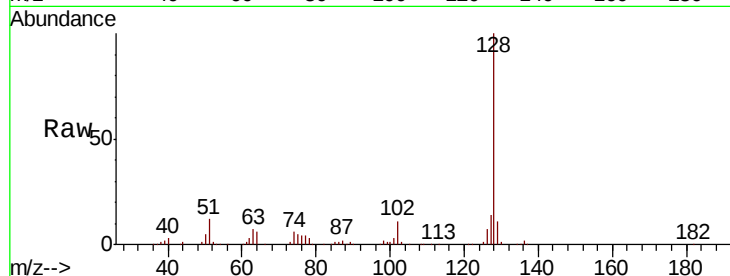




#31
Naphthalene
Concen: 43.285 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

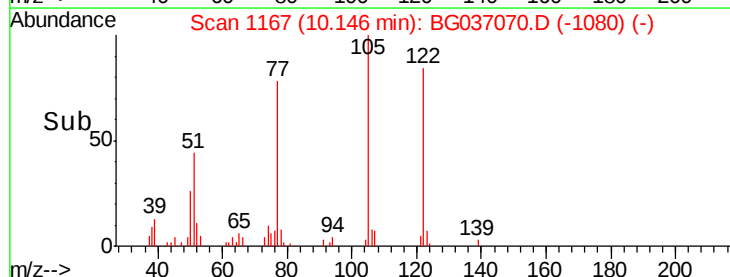
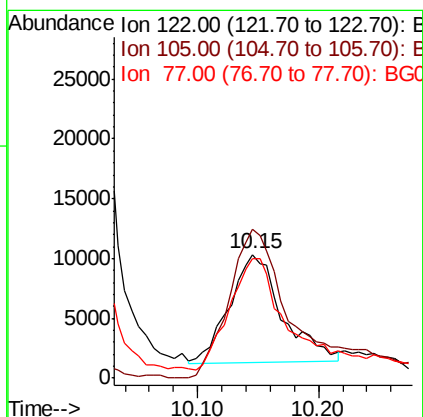
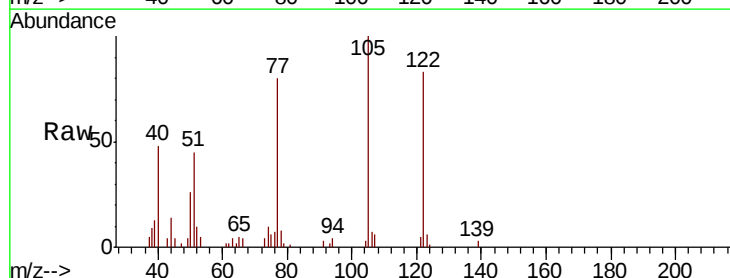
Instrument :
BNA_G
ClientSampleId :
PB113333BS

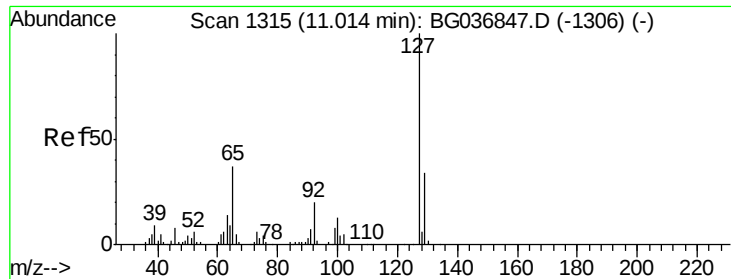
Tgt Ion:128 Resp: 327827
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.8 11.0 16.4



#32
Benzoic acid
Concen: 21.730 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:122 Resp: 27341
Ion Ratio Lower Upper
122 100
105 121.0 108.1 148.1
77 96.9 76.3 116.3

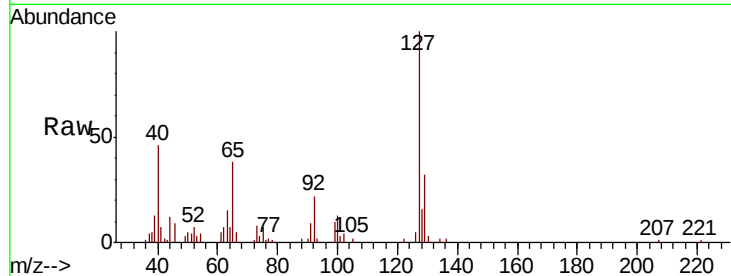




#33
4-Chloroaniline
Concen: 10.175 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Tgt Ion:	127	Resp:	35039
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	38.0	27.5	41.3
92	21.5	16.2	24.2



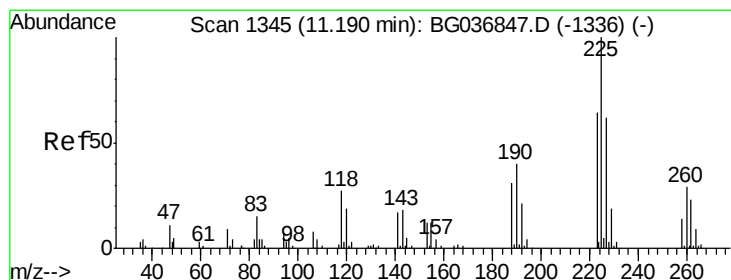
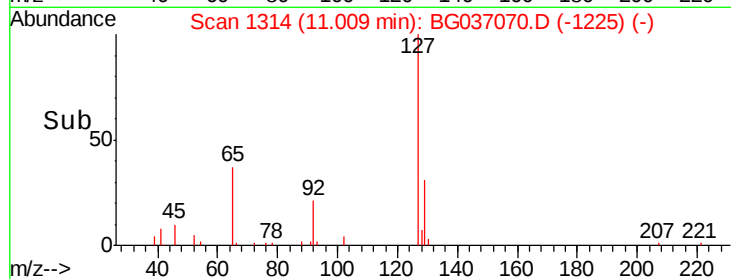
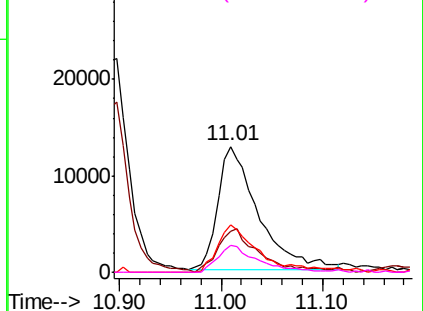
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

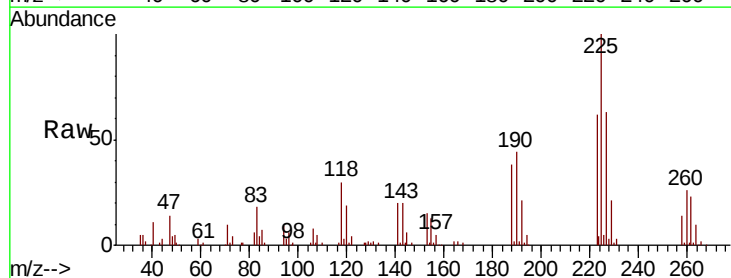
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.143 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:	225	Resp:	73442
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.8	77.8
227	62.7	49.8	74.6

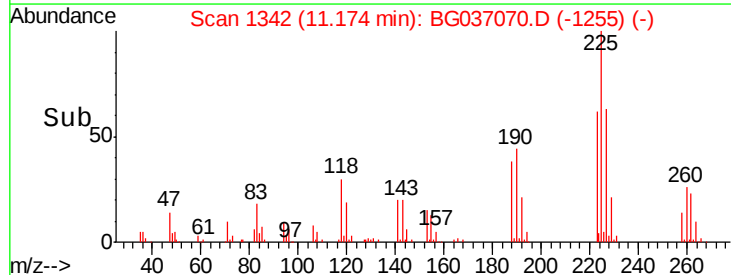
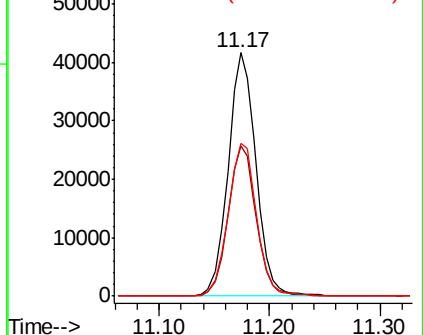


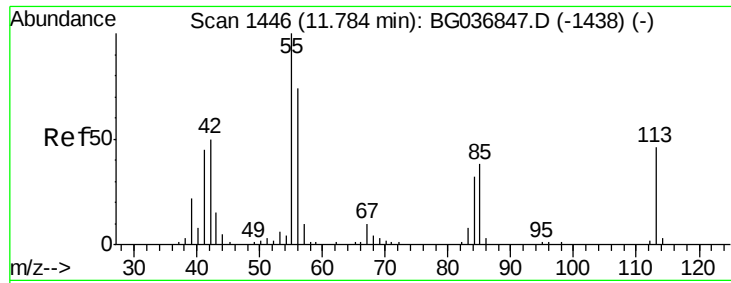
Abundance

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

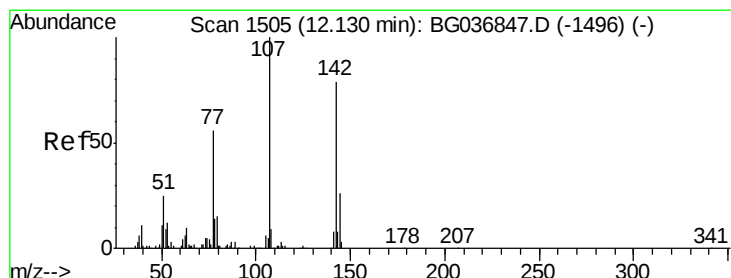
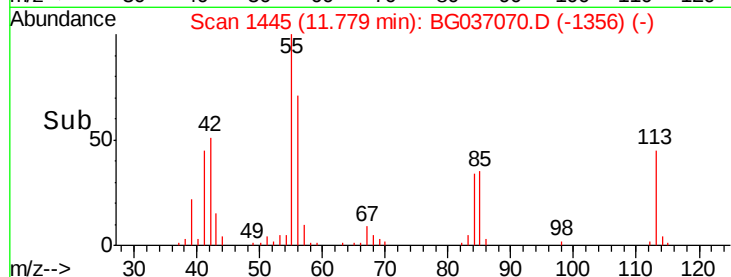
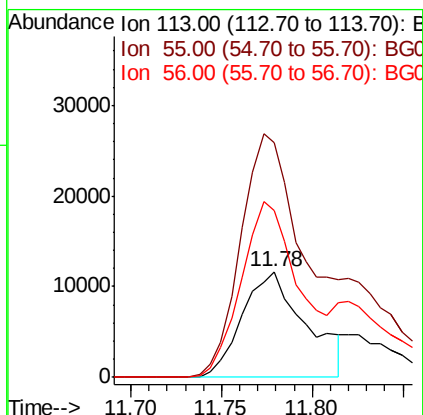
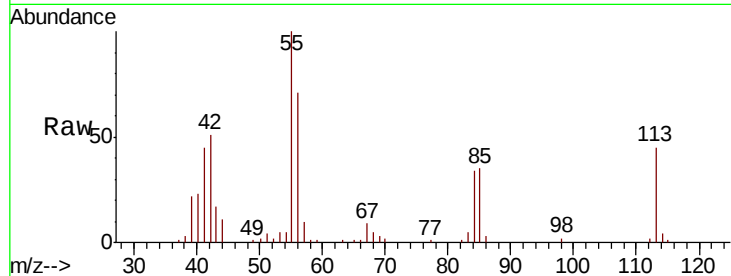




#35
 Caprolactam
 Concen: 30.132 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

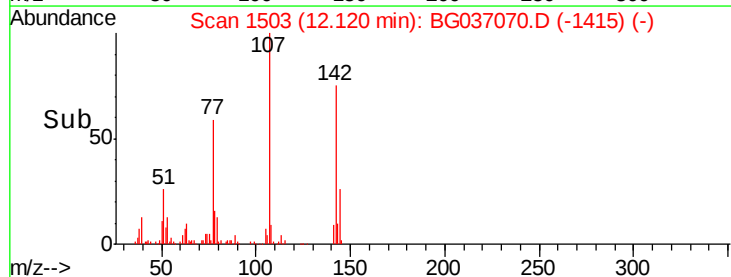
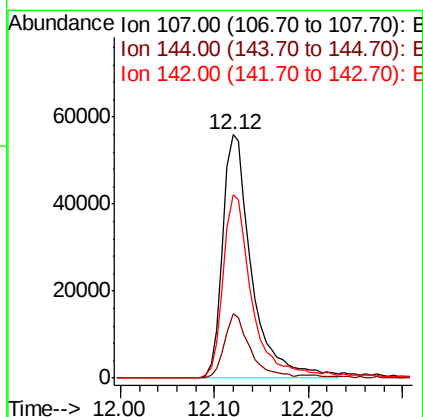
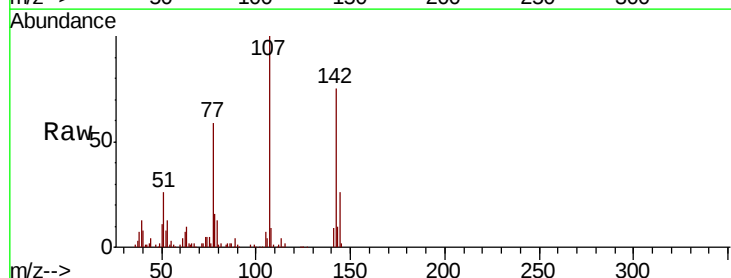
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

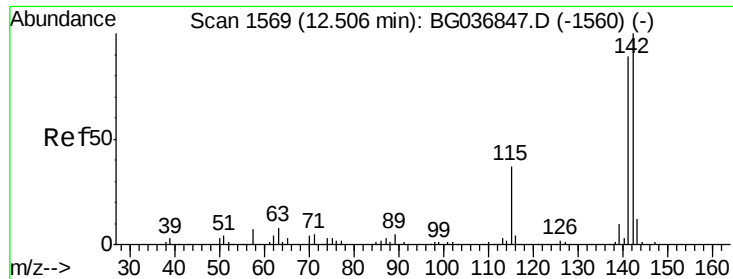
Tgt Ion:113 Resp: 28335
 Ion Ratio Lower Upper
 113 100
 55 222.3 197.7 237.7
 56 158.0 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.330 ng
 RT: 12.12 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion:107 Resp: 120848
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.5 29.3
 142 75.4 62.4 93.6

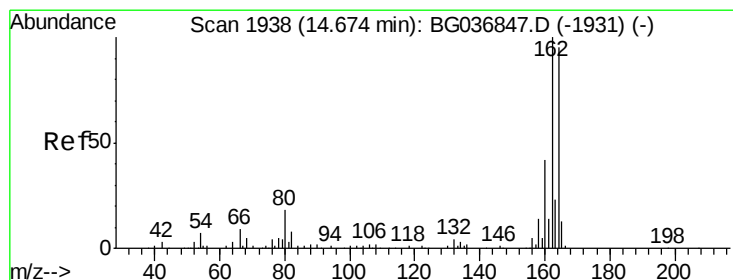
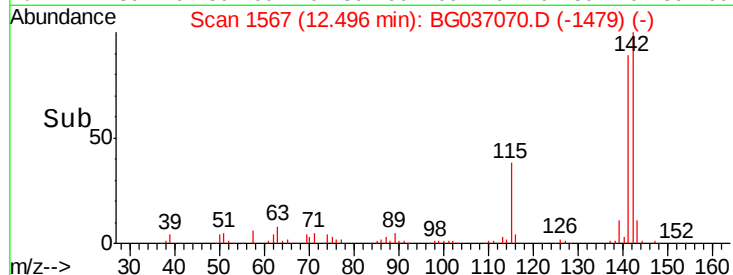
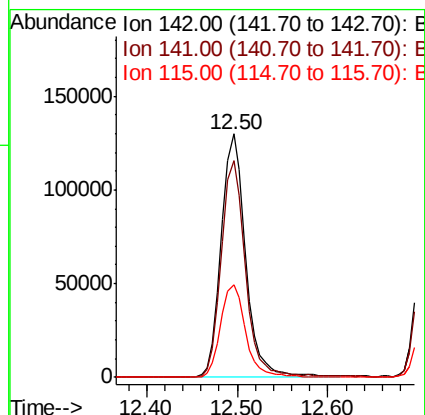
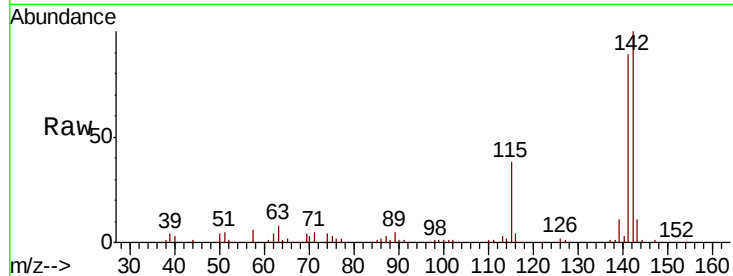




#37
 2-Methylnaphthalene
 Concen: 42.360 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

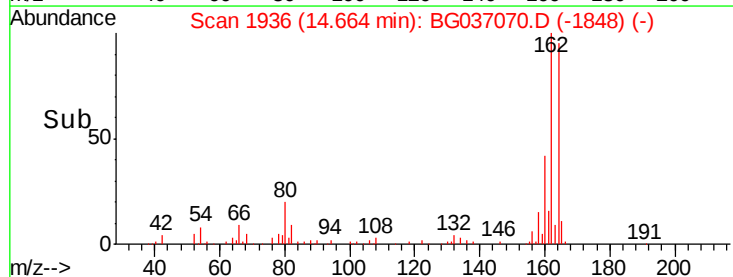
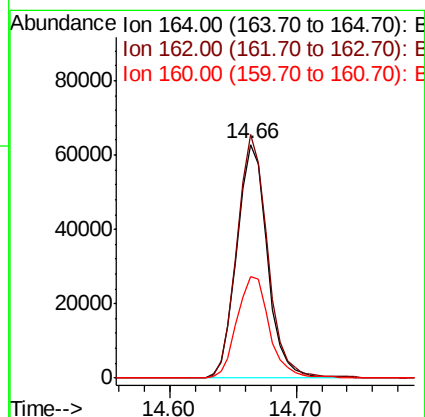
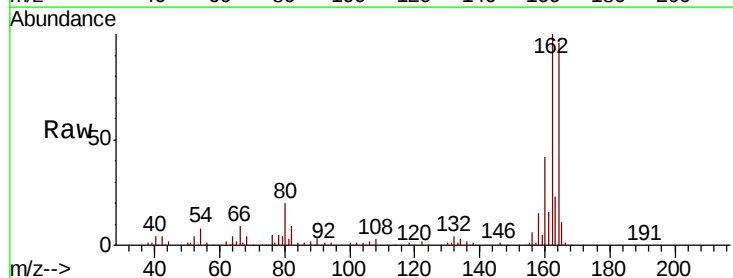
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

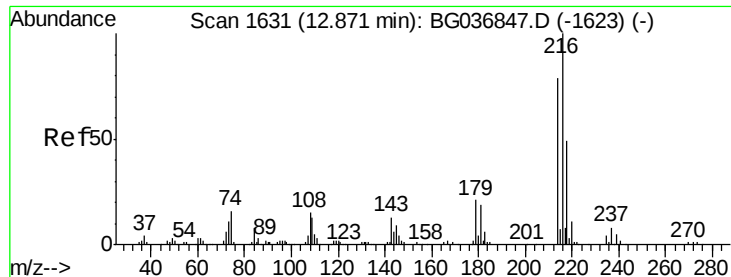
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	68.5	102.7
115	38.2	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	43.5	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.995 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

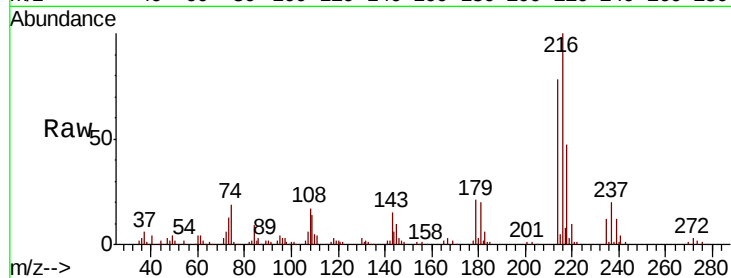
Instrument :

BNA_G

ClientSampleId :

PB113333BS

Tgt Ion:	216	Resp:	134790
Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.0	91.6
179	20.0	15.7	23.5
108	20.3	13.1	19.7#

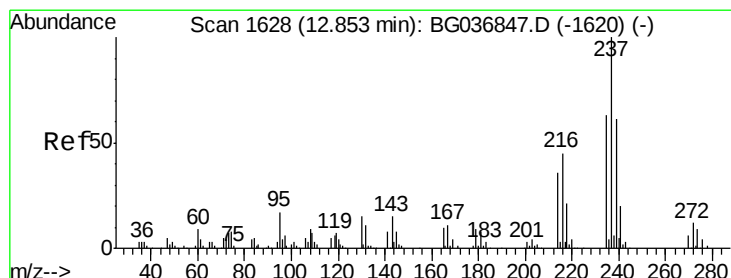
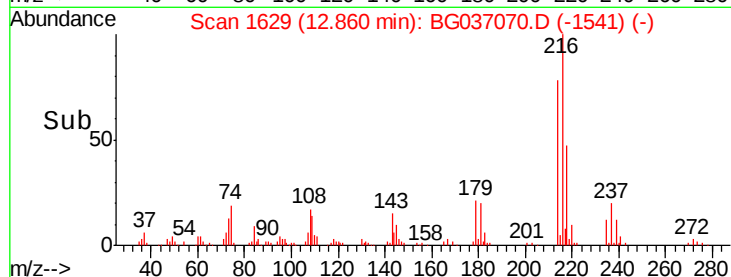
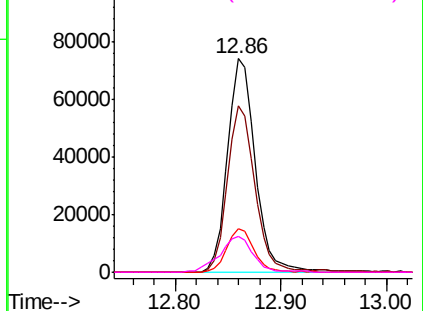


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.823 ng

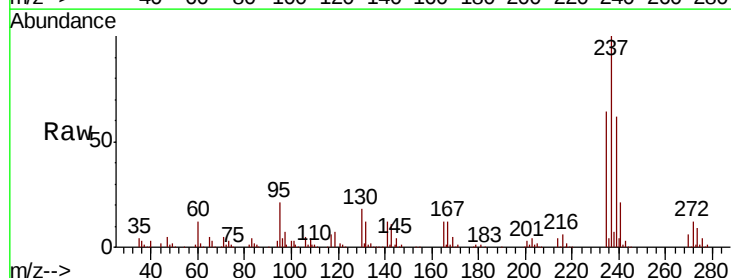
RT: 12.84 min Scan# 1625

Delta R.T. -0.02 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

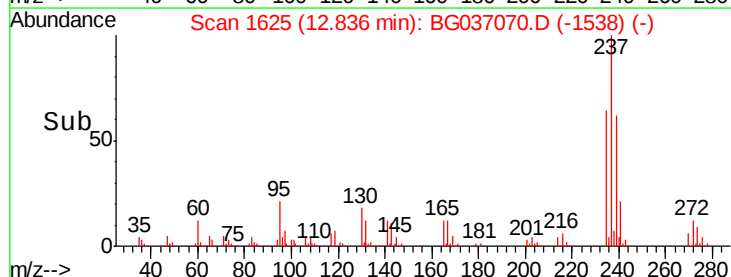
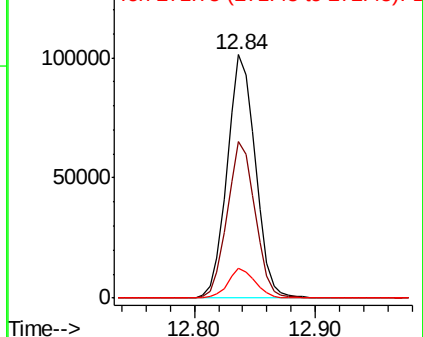
Tgt Ion:	237	Resp:	164566
Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.2	82.2
272	12.0	0.0	32.1

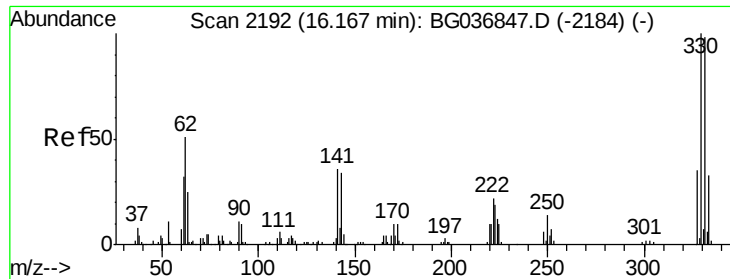


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

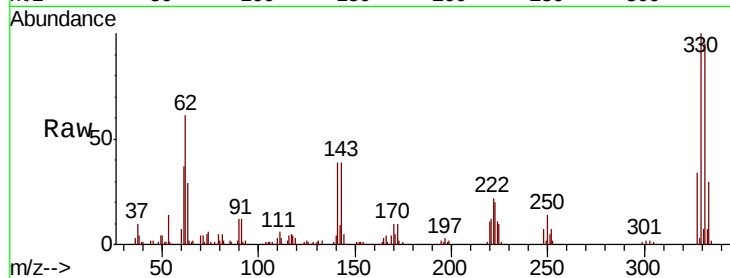




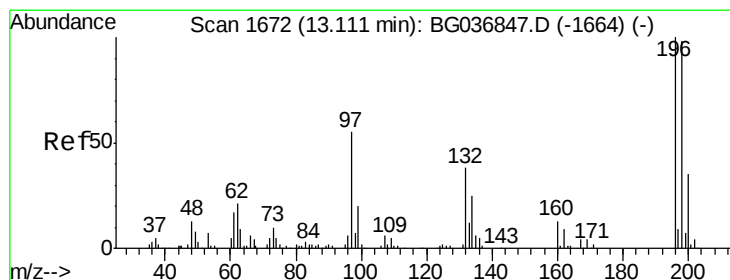
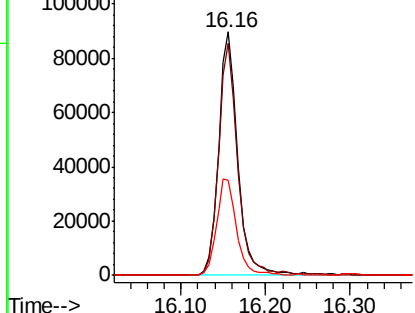
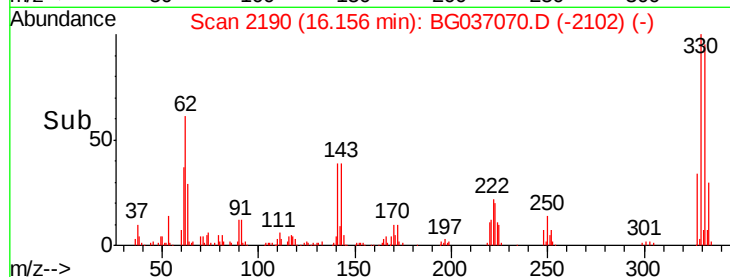
#41
 2,4,6-Tribromophenol
 Concen: 113.646 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Tgt Ion:330 Resp: 142038
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 41.4 30.7 46.1

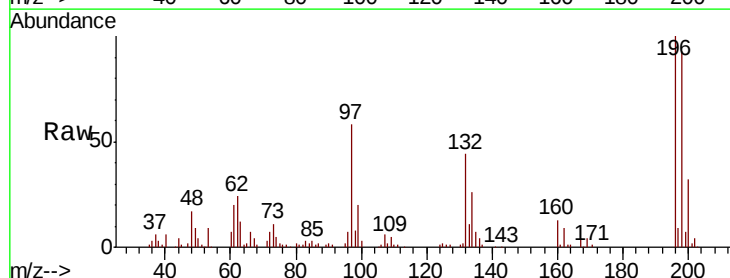


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

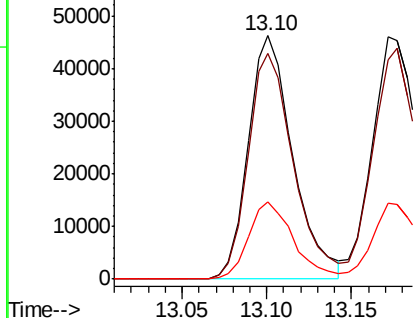
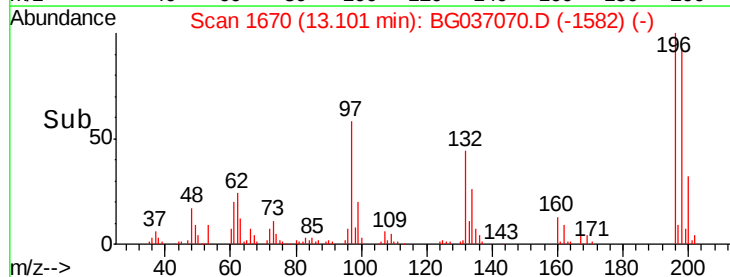


#42
 2,4,6-Trichlorophenol
 Concen: 41.780 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion:196 Resp: 84531
 Ion Ratio Lower Upper
 196 100
 198 92.8 77.2 115.8
 200 31.9 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

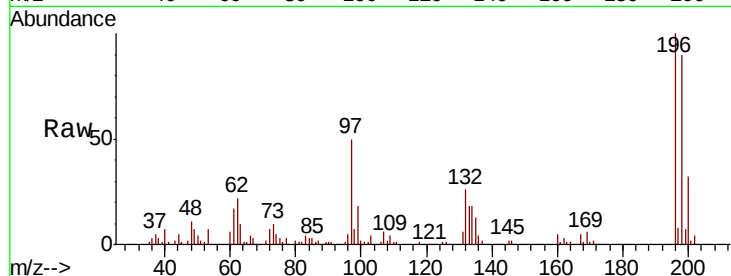




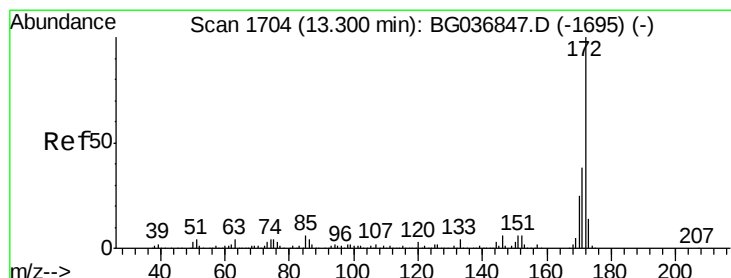
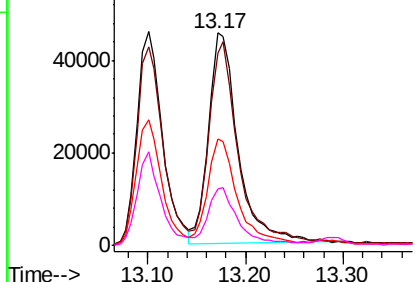
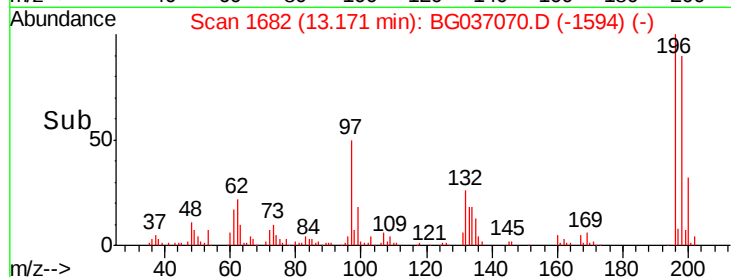
#43
 2,4,5-Trichlorophenol
 Concen: 44.679 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Tgt Ion:	196	Resp:	96389
Ion	Ratio	Lower	Upper
196	100		
198	90.4	75.6	113.4
97	50.0	37.2	55.8
132	26.5	19.4	29.2

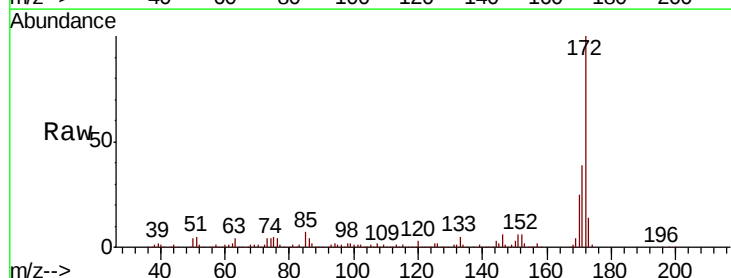


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

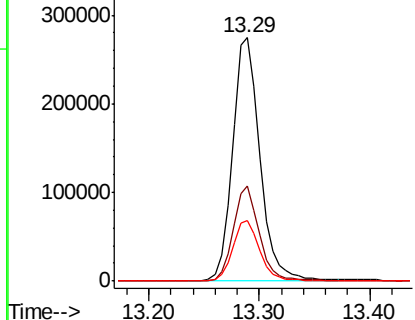
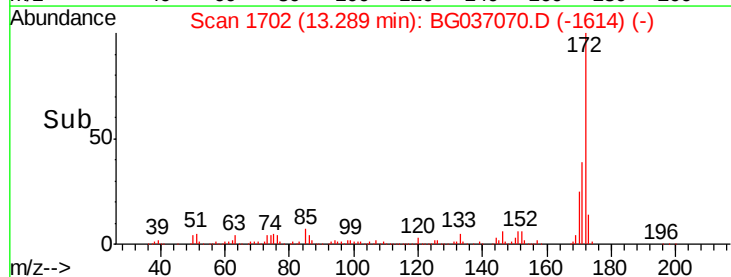


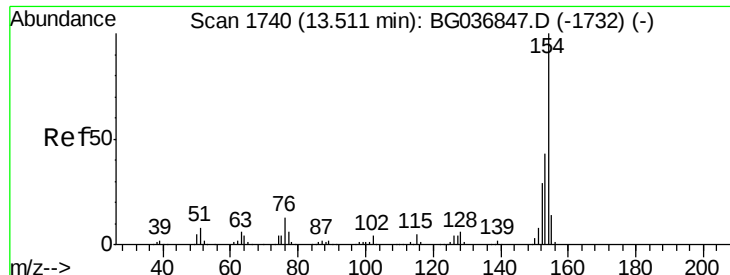
#44
 2-Fluorobiphenyl
 Concen: 68.327 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion:	172	Resp:	479229
Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	24.7	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

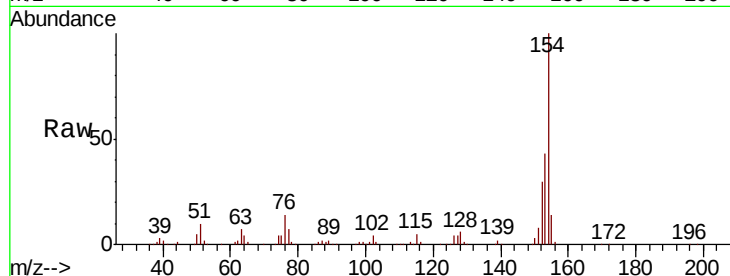




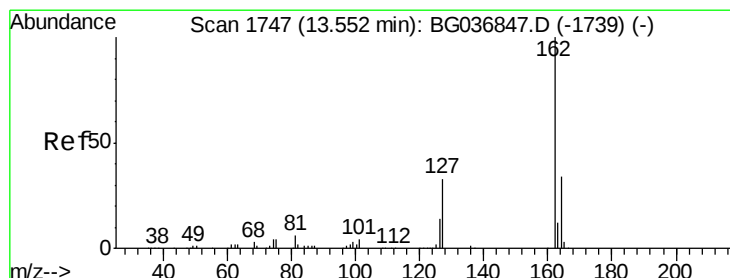
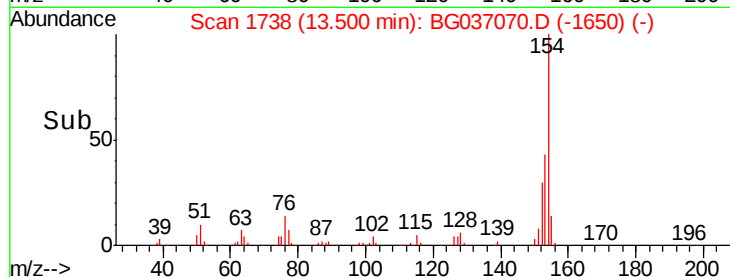
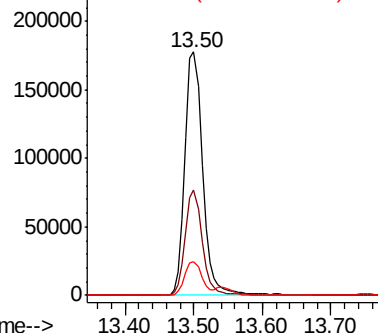
#45
 1,1'-Biphenyl
 Concen: 40.353 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	24.0	64.0
76	14.1	0.0	32.9

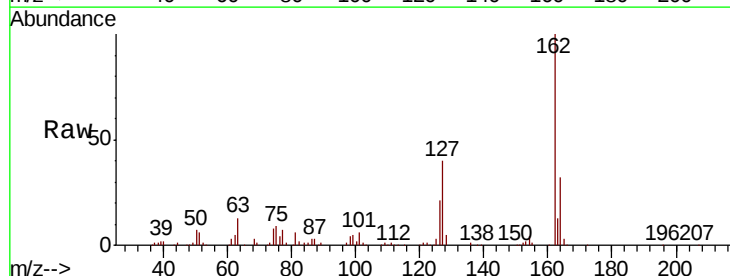


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

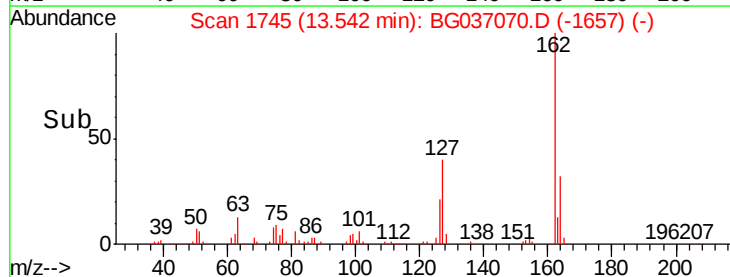
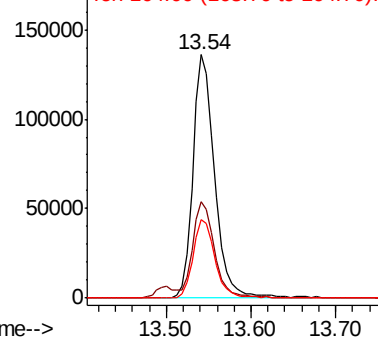


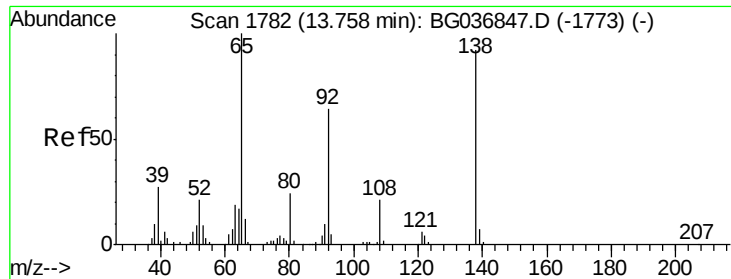
#46
 2-Chloronaphthalene
 Concen: 38.679 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.7	46.1
164	32.2	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

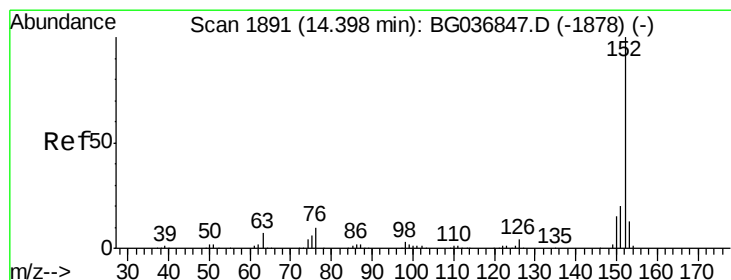
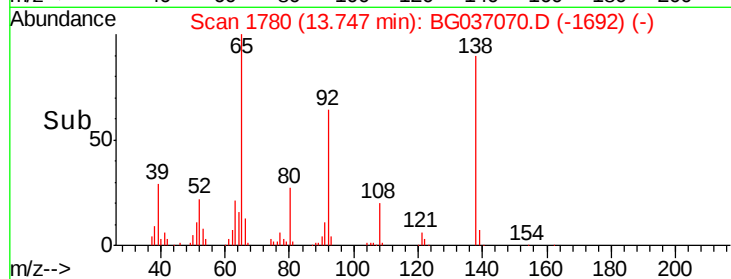
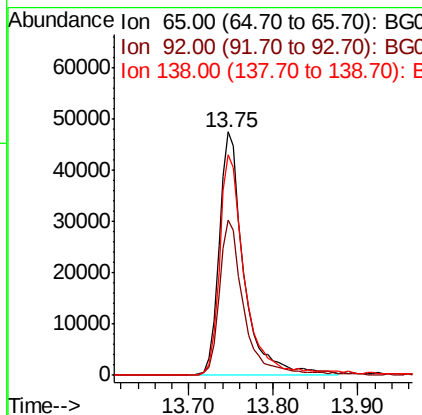
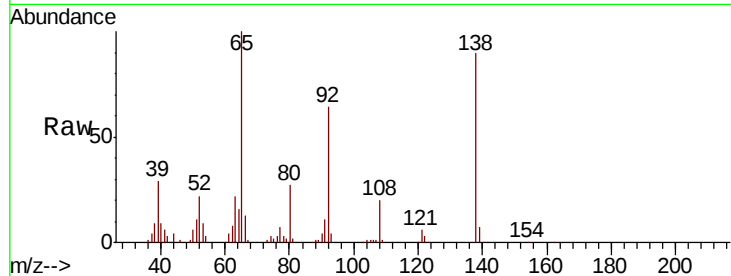




#47
2-Nitroaniline
Concen: 44.439 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

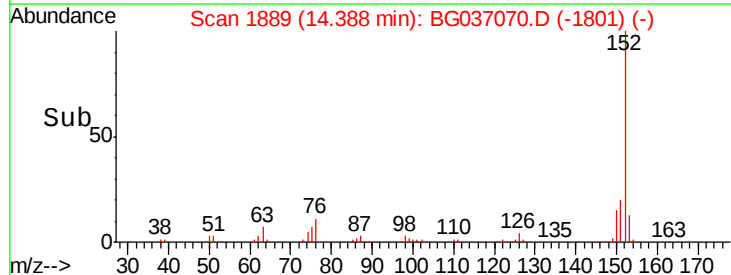
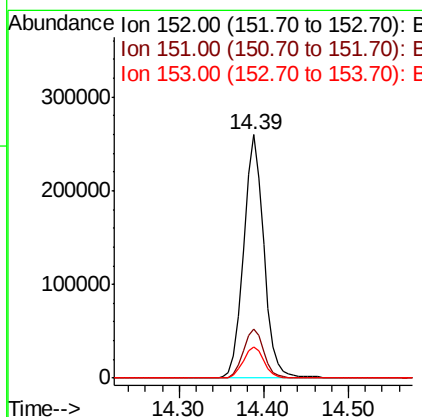
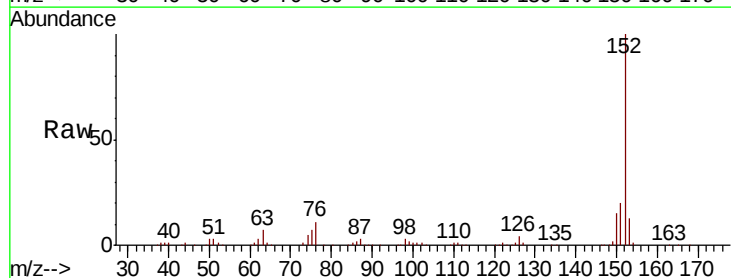
Instrument :
BNA_G
ClientSampleId :
PB113333BS

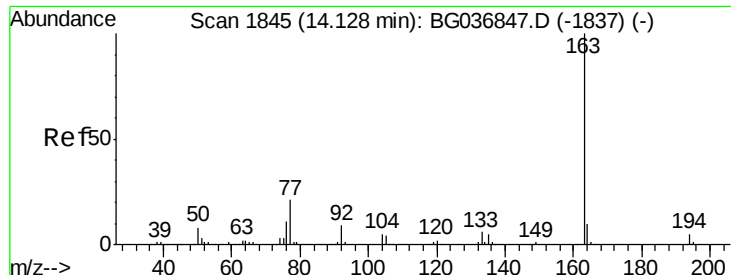
Tgt Ion: 65 Resp: 96705
Ion Ratio Lower Upper
65 100
92 63.8 49.9 74.9
138 90.4 76.2 114.4



#48
Acenaphthylene
Concen: 43.639 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion: 152 Resp: 430231
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 12.9 11.2 16.8





#49

Dimethylphthalate

Concen: 41.389 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

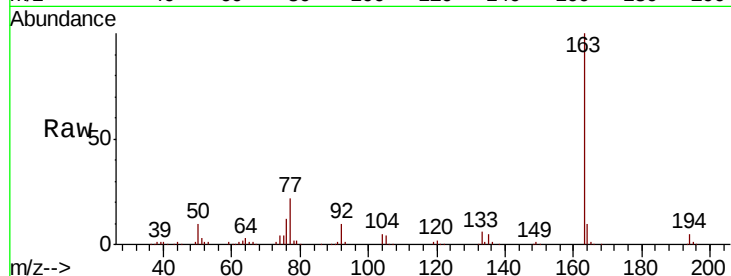
Tgt Ion:163 Resp: 348020

Ion Ratio Lower Upper

163 100

194 4.8 4.0 6.0

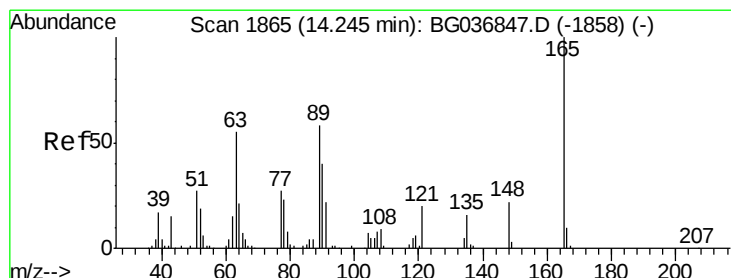
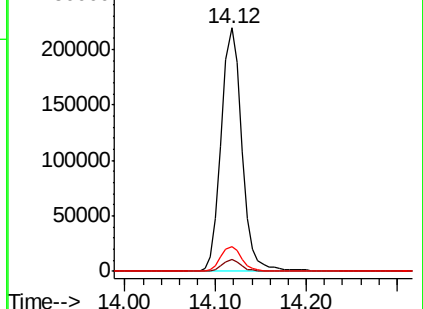
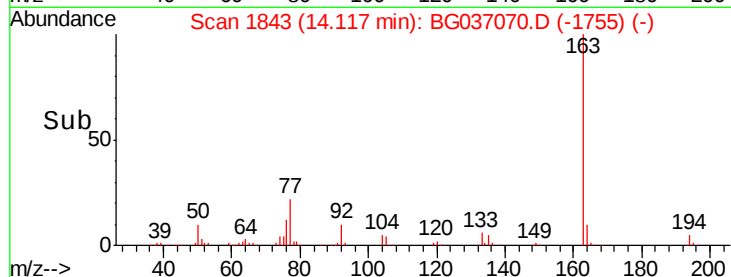
164 9.9 8.1 12.1



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: 41.249 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

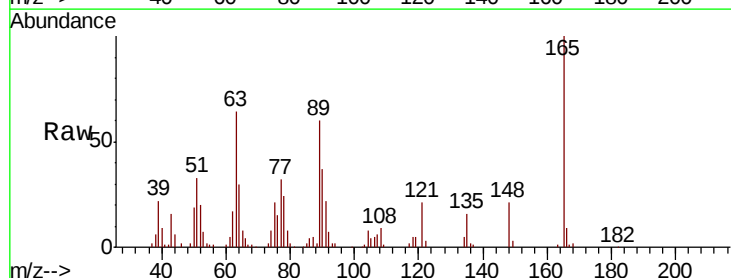
Tgt Ion:165 Resp: 75675

Ion Ratio Lower Upper

165 100

63 63.8 50.1 75.1

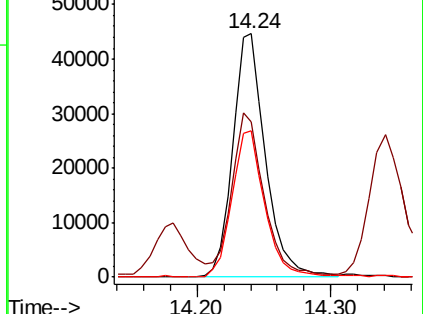
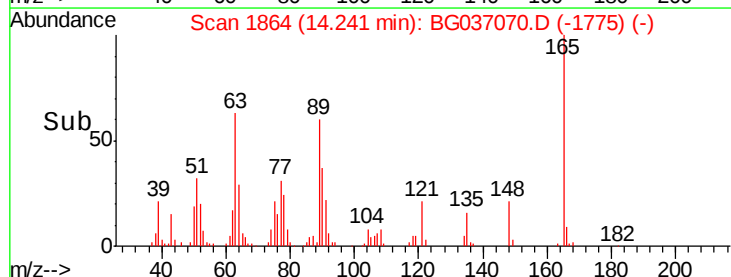
89 60.2 47.8 71.6

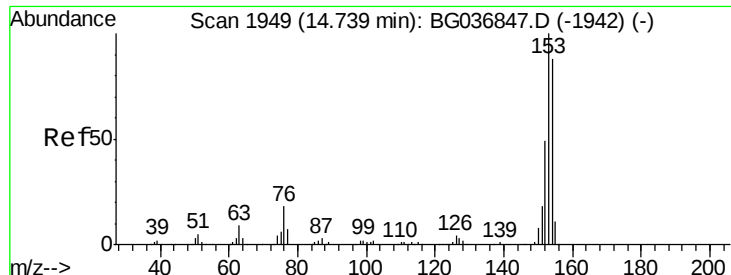


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.990 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

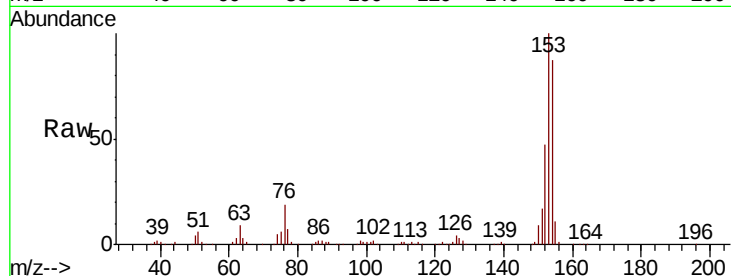
Tgt Ion:154 Resp: 244240

Ion Ratio Lower Upper

154 100

153 114.8 91.8 137.6

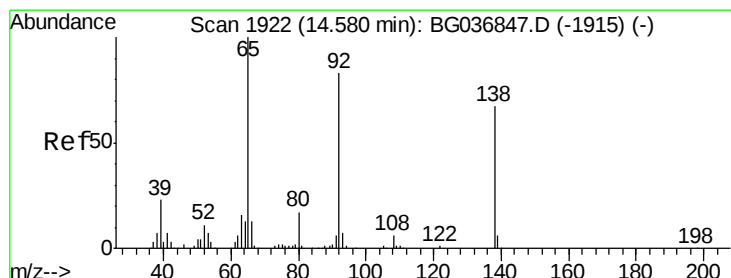
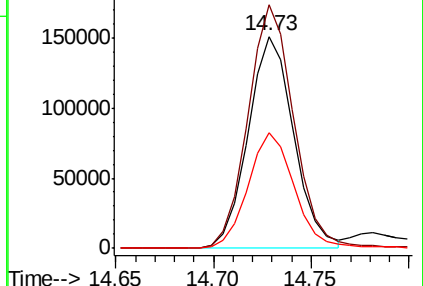
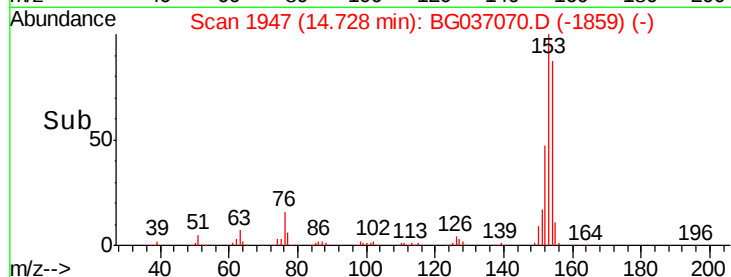
152 54.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.147 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

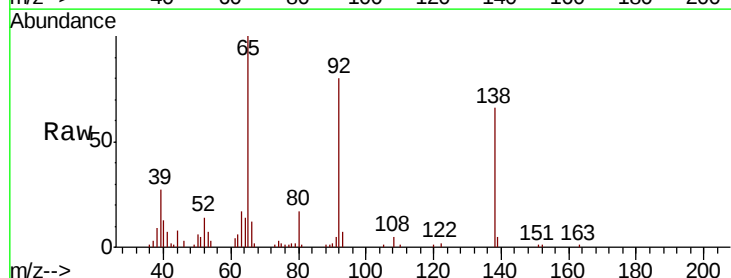
Tgt Ion:138 Resp: 35082

Ion Ratio Lower Upper

138 100

108 8.1 9.4 14.2#

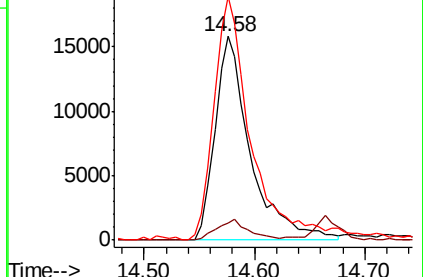
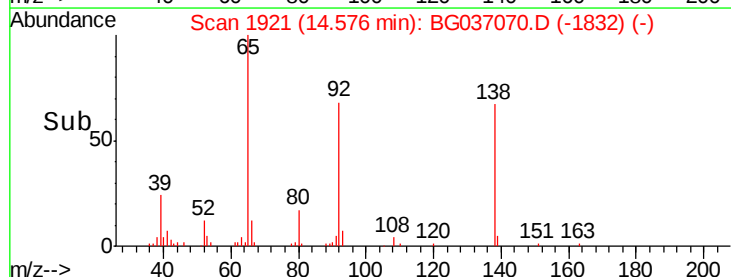
92 119.7 96.8 145.2

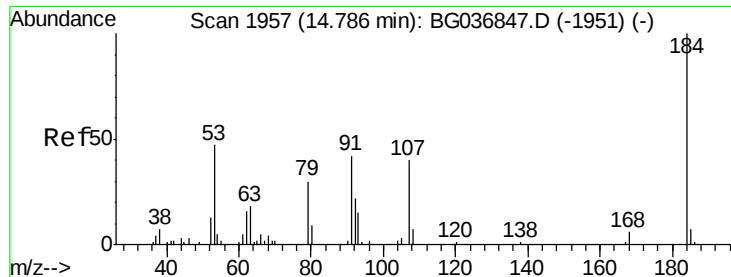


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

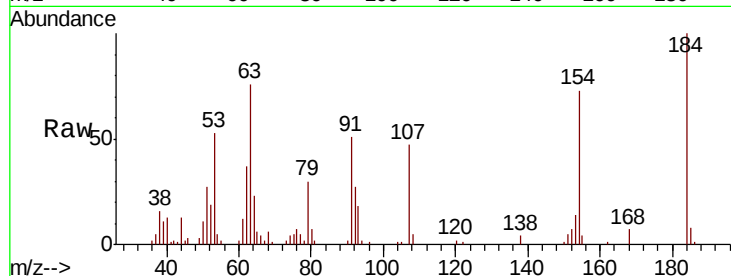




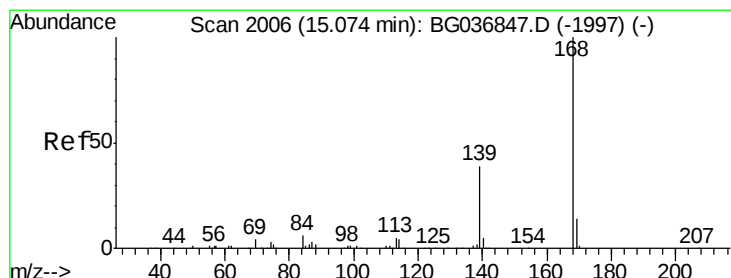
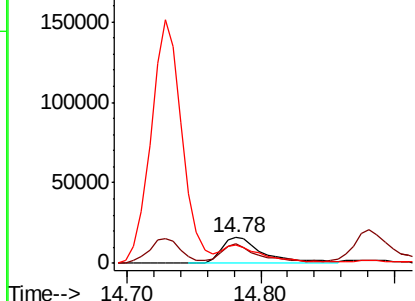
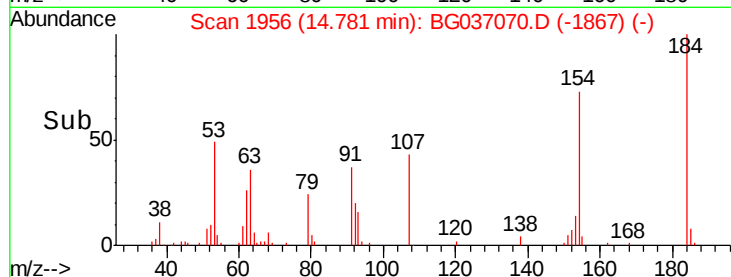
#53
2,4-Dinitrophenol
Concen: 45.091 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Tgt Ion:184 Resp: 35595
Ion Ratio Lower Upper
184 100
63 75.9 47.3 70.9#
154 73.2 51.1 76.7

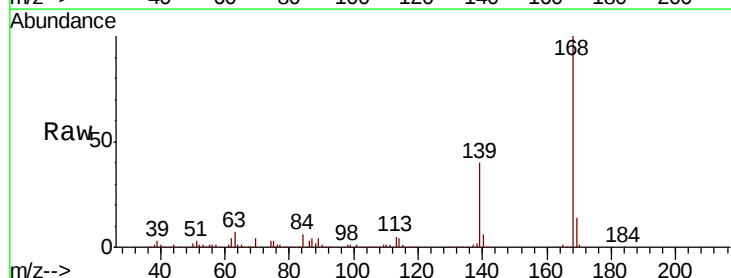


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

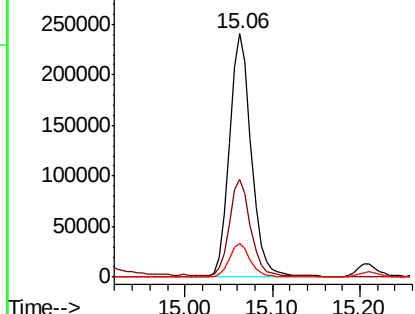
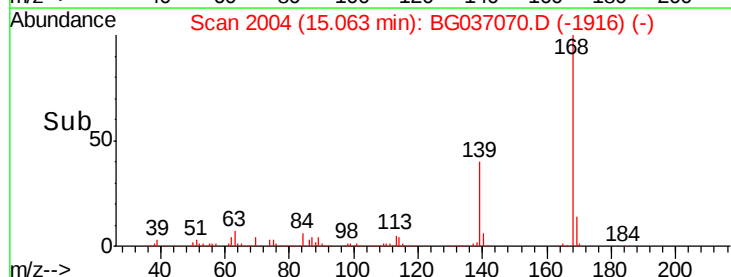


#54
Dibenzofuran
Concen: 40.751 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:168 Resp: 410716
Ion Ratio Lower Upper
168 100
139 39.9 31.0 46.6
169 14.0 11.1 16.7



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

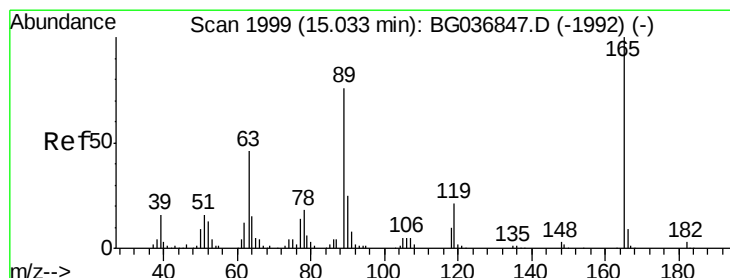
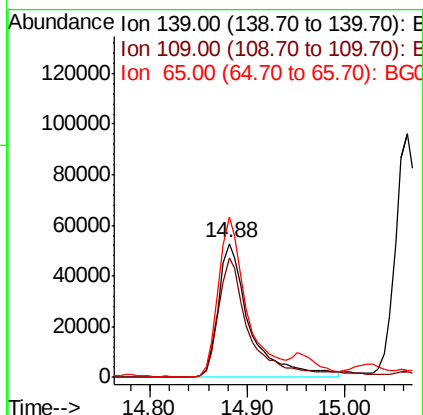
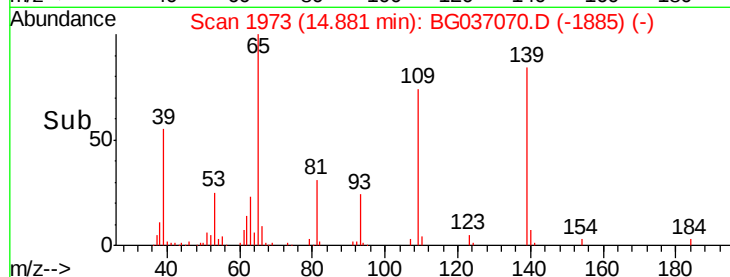
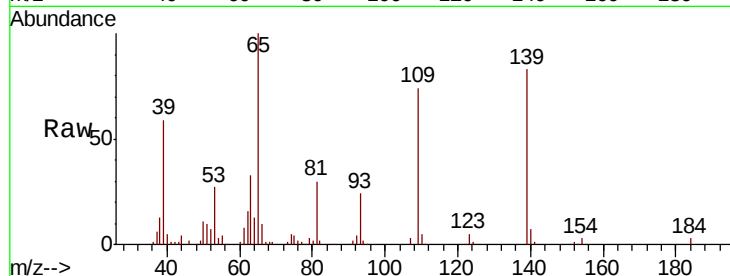




#55
4-Nitrophenol
Concen: 95.954 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

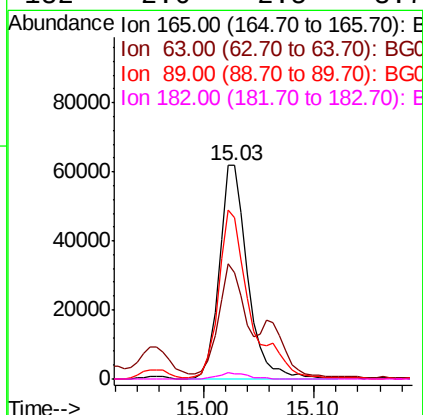
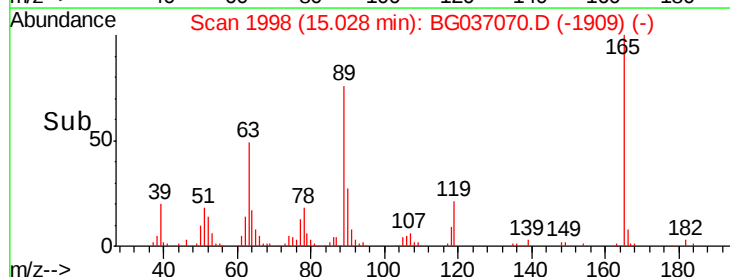
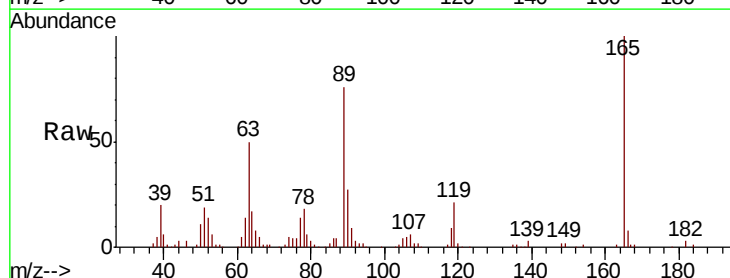
Instrument :
BNA_G
ClientSampleId :
PB113333BS

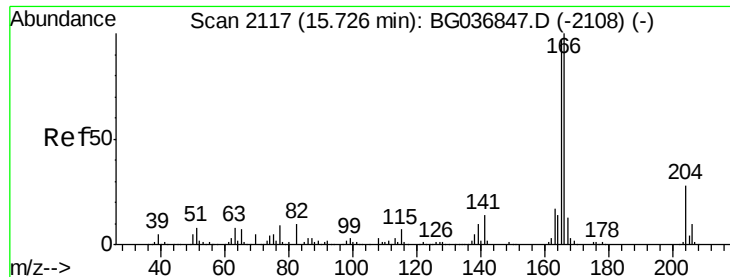
Tgt Ion:139 Resp: 118504
Ion Ratio Lower Upper
139 100
109 88.9 63.9 103.9
65 119.9 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 43.224 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:165 Resp: 110650
Ion Ratio Lower Upper
165 100
63 49.9 40.1 60.1
89 75.7 63.7 95.5
182 2.6 2.5 3.7





#57

Fluorene

Concen: 44.484 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

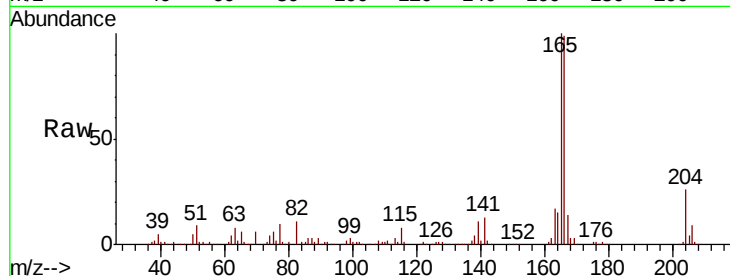
Tgt Ion:166 Resp: 335105

Ion Ratio Lower Upper

166 100

165 101.1 77.0 115.4

167 14.3 10.6 16.0

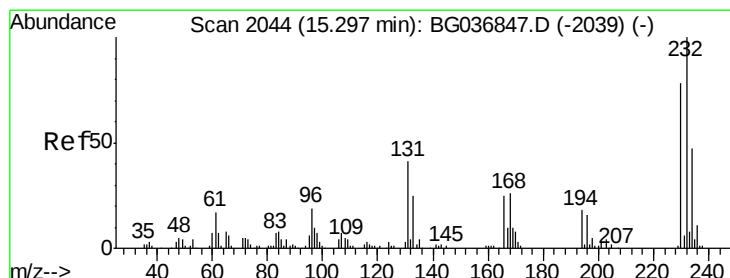
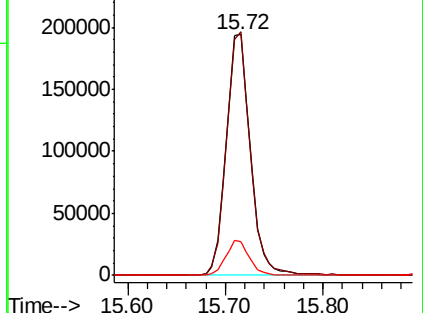
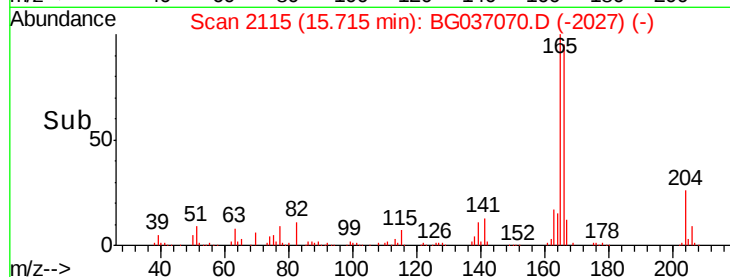


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.601 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Tgt Ion:232 Resp: 101988

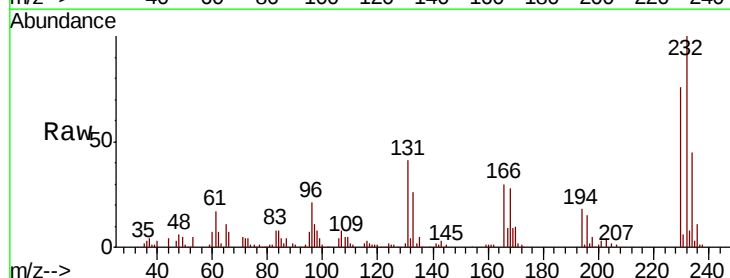
Ion Ratio Lower Upper

232 100

131 42.4 33.8 50.8

130 2.1 2.1 3.1

166 28.6 22.3 33.5



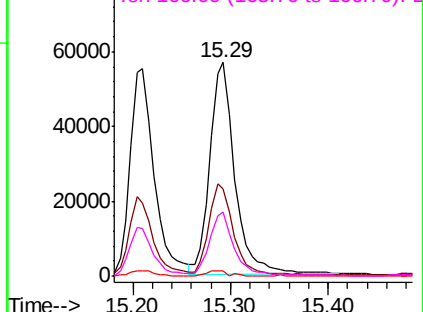
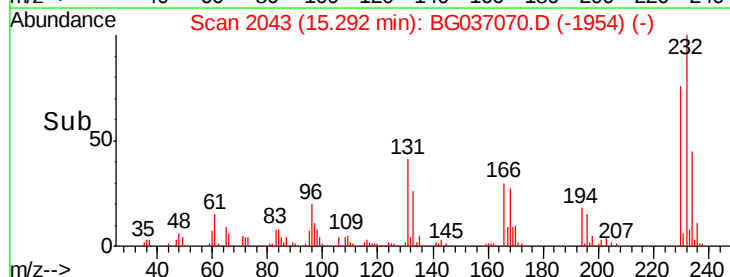
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

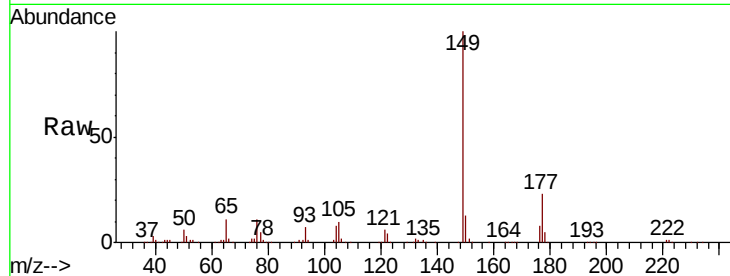




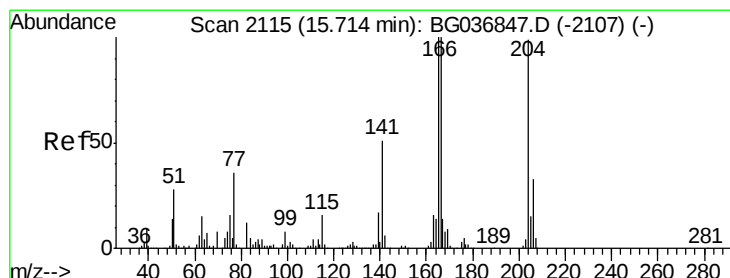
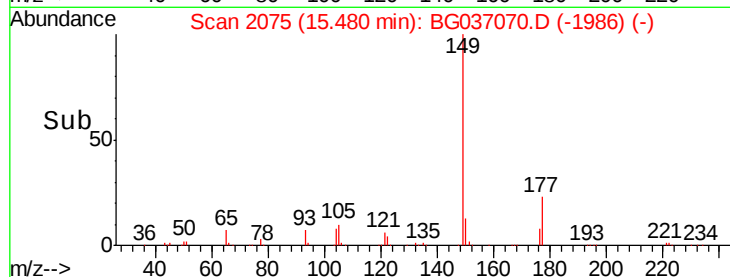
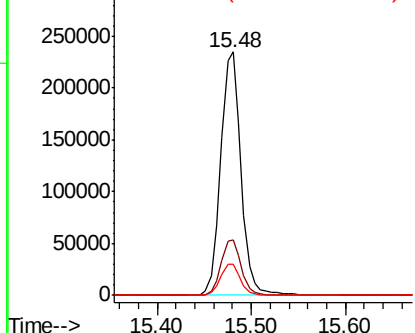
#59
Diethylphthalate
Concen: 41.973 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.1	28.7
150	12.8	10.7	16.1

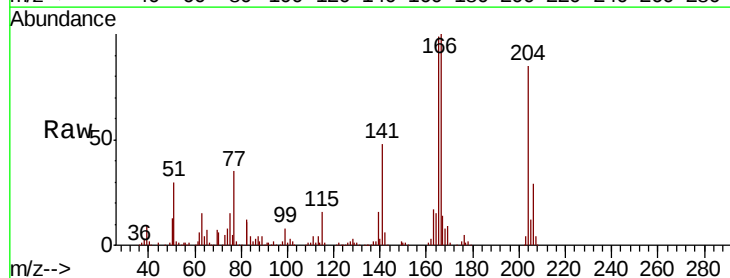


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

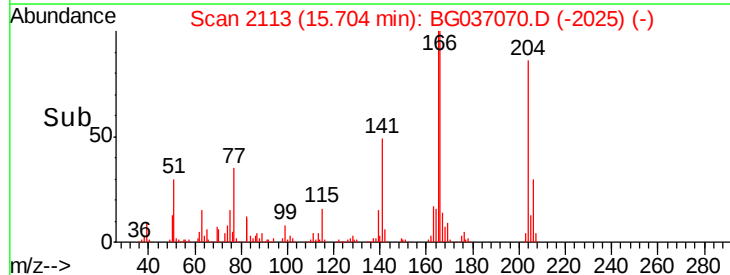
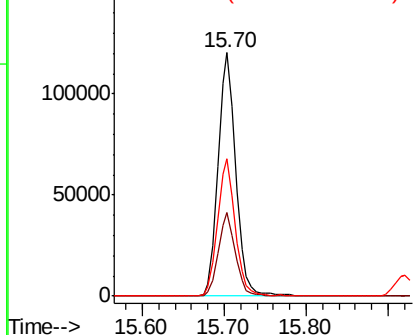


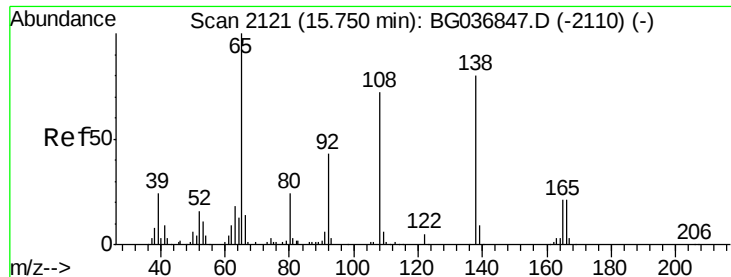
#60
4-Chlorophenyl-phenylether
Concen: 38.149 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.0	40.4
141	56.4	43.8	65.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

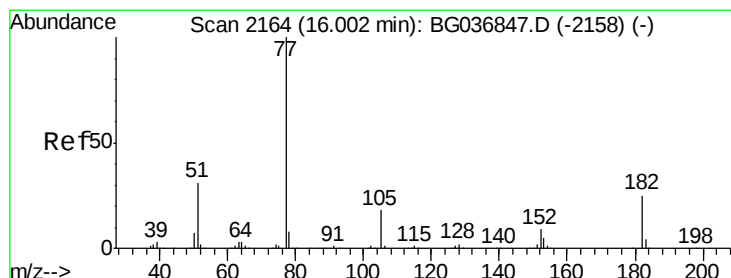
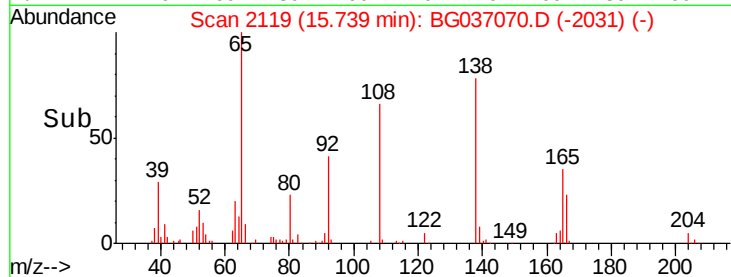
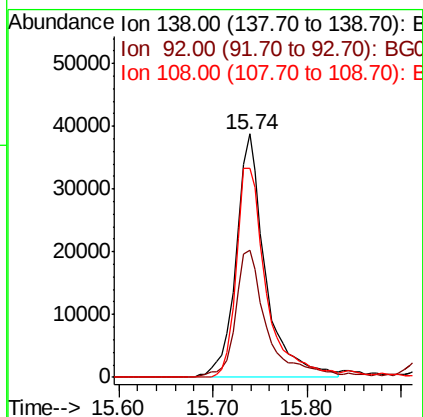
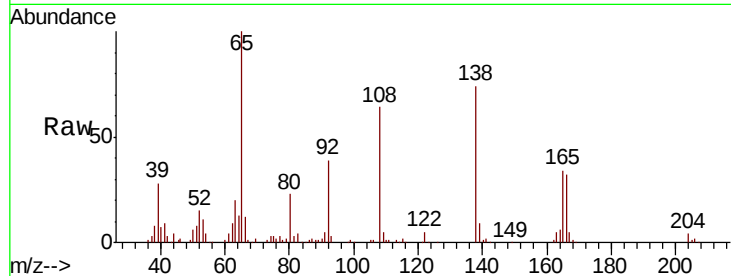




#61
4-Nitroaniline
Concen: 41.292 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

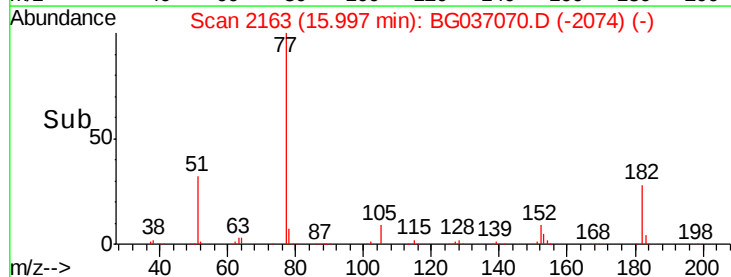
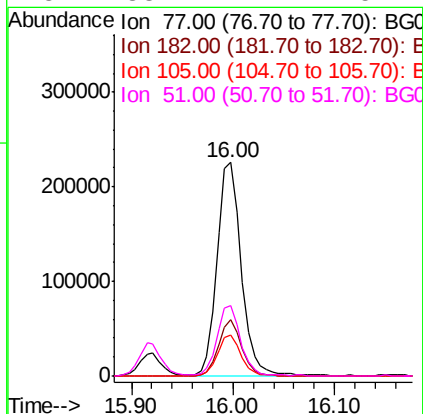
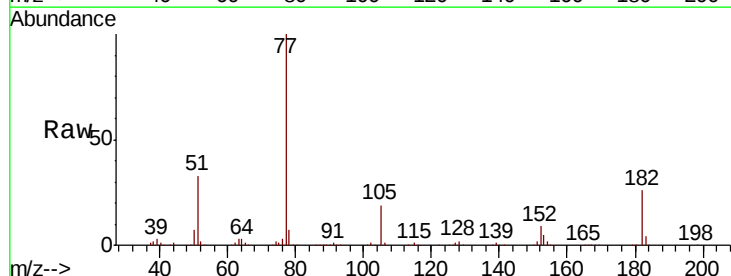
Instrument :
BNA_G
ClientSampleId :
PB113333BS

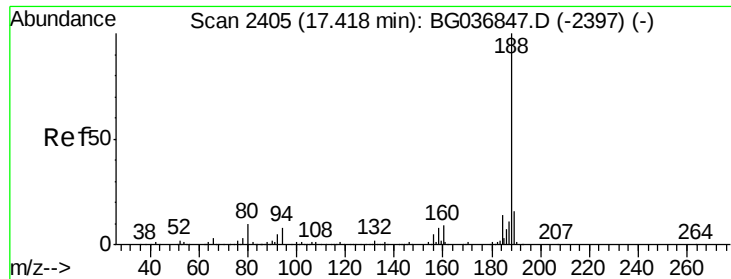
Tgt Ion: 138 Resp: 83965
Ion Ratio Lower Upper
138 100
92 52.2 38.5 78.5
108 85.7 70.3 110.3



#62
Azobenzene
Concen: 45.637 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion: 77 Resp: 371892
Ion Ratio Lower Upper
77 100
182 26.4 6.7 46.7
105 18.9 0.0 39.8
51 33.1 12.4 52.4

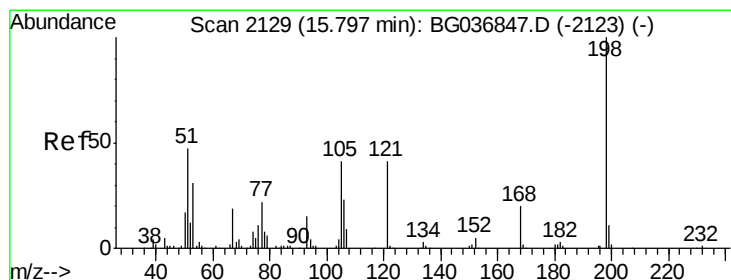
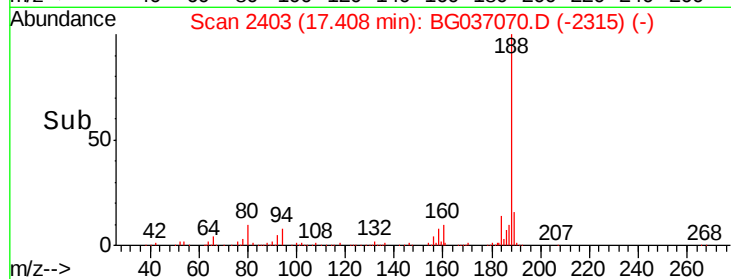
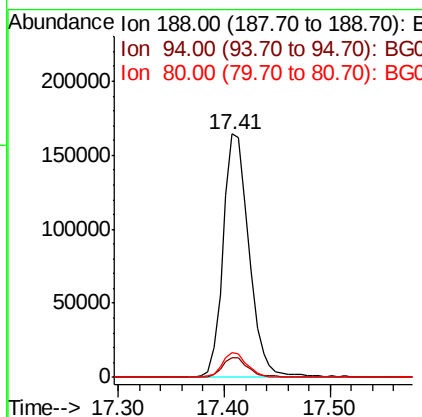
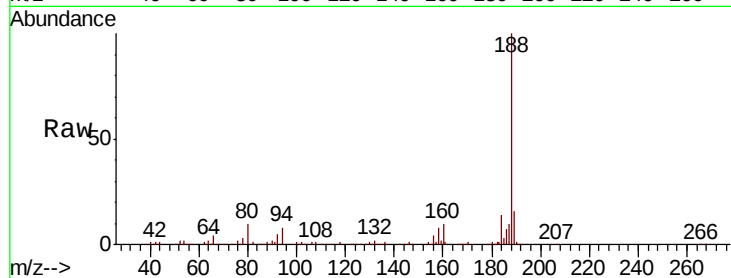




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

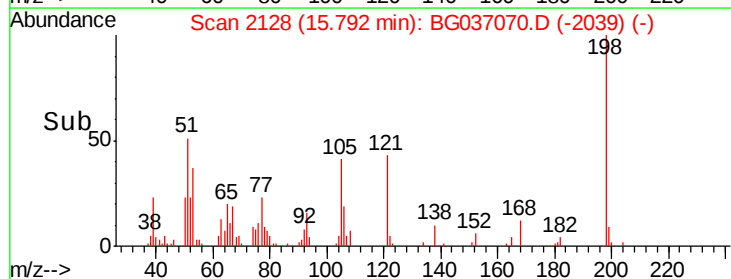
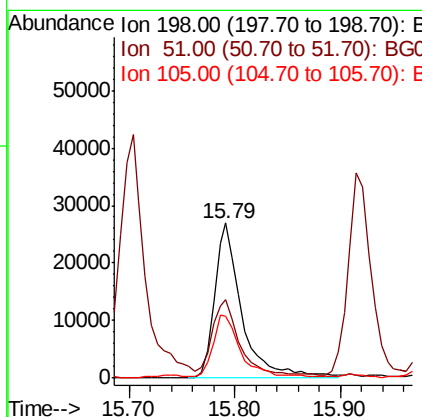
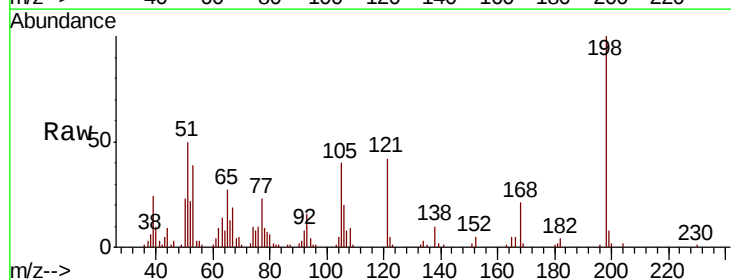
Instrument :
BNA_G
ClientSampleId :
PB113333BS

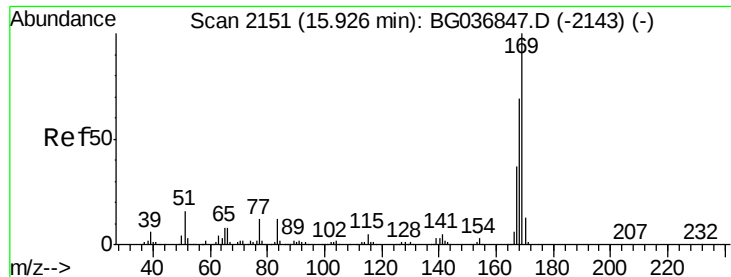
Tgt Ion:188 Resp: 279687
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 10.2 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 33.364 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion:198 Resp: 48787
Ion Ratio Lower Upper
198 100
51 50.3 26.5 66.5
105 40.0 20.2 60.2

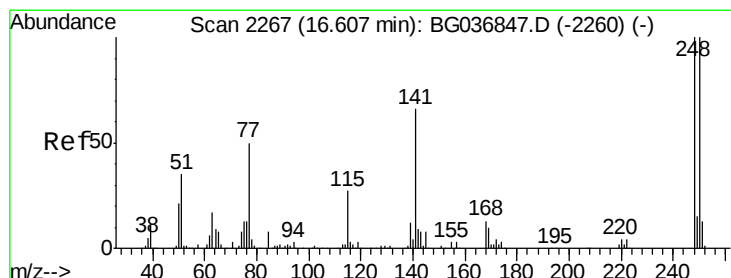
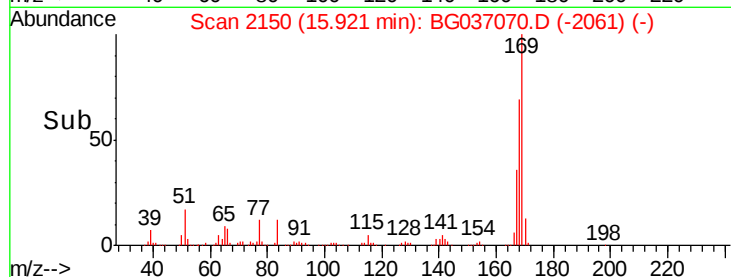
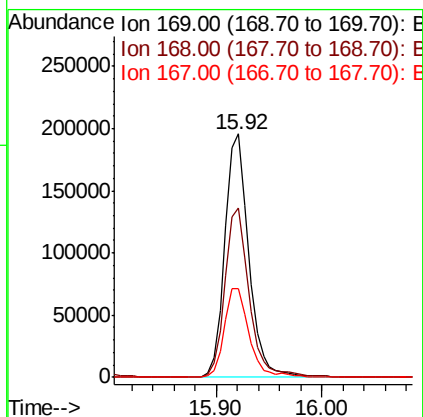
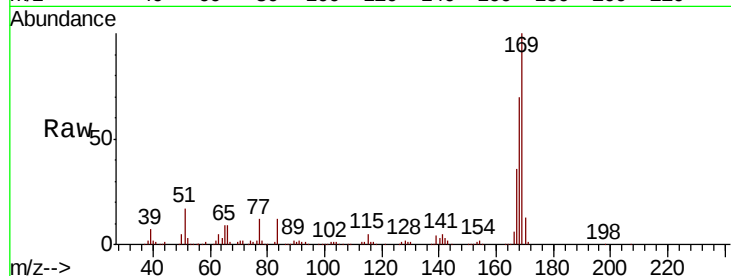




#65
n-Nitrosodiphenylamine
Concen: 39.846 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

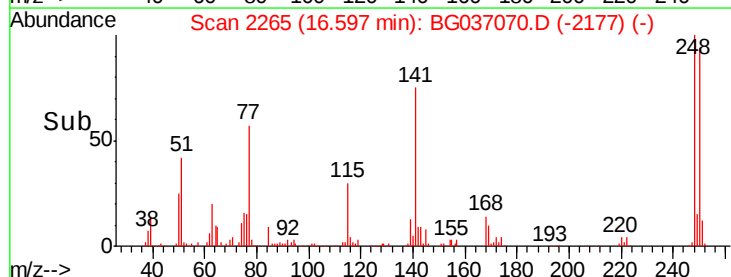
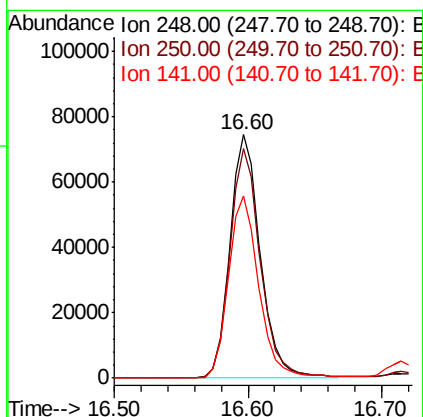
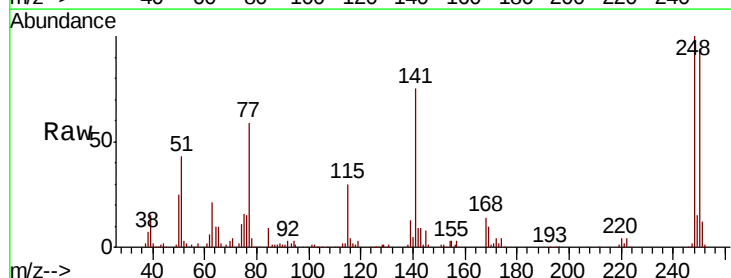
Instrument :
BNA_G
ClientSampleId :
PB113333BS

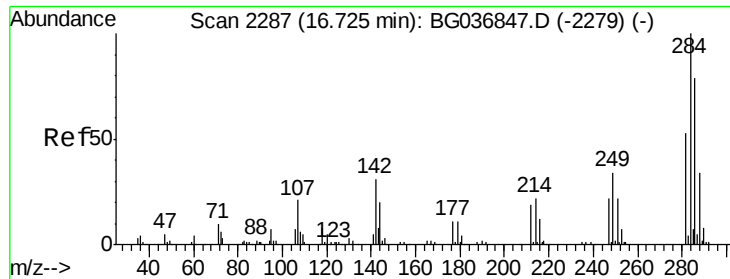
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	57.6	86.4
167	36.3	31.0	46.4



#66
4-Bromophenyl-phenylether
Concen: 37.130 ng
RT: 16.60 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	78.1	117.1
141	74.9	53.7	80.5

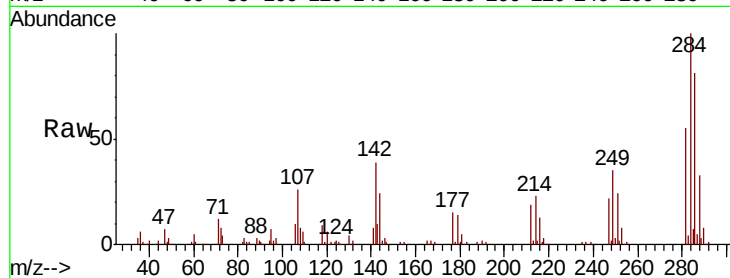




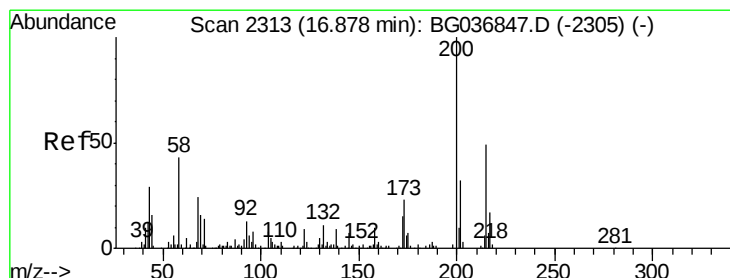
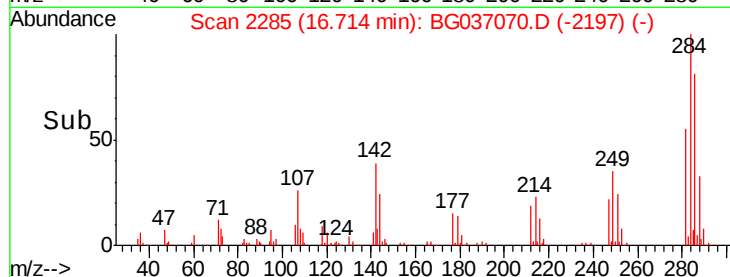
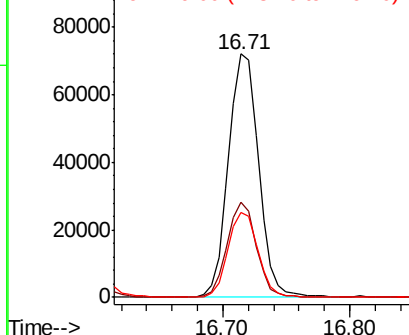
#67
Hexachlorobenzene
Concen: 36.214 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Instrument :
BNA_G
ClientSampleId :
PB113333BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.8	41.6
249	34.6	27.4	41.2

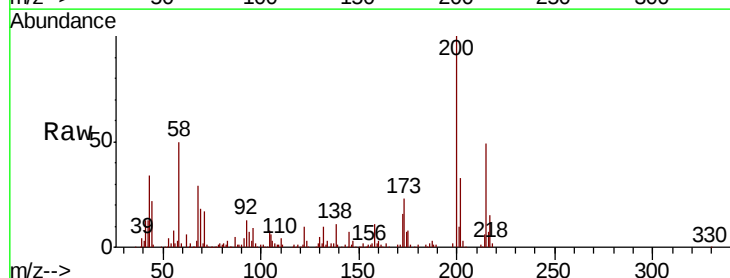


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

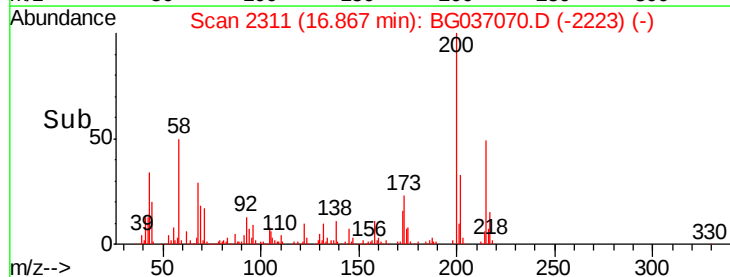
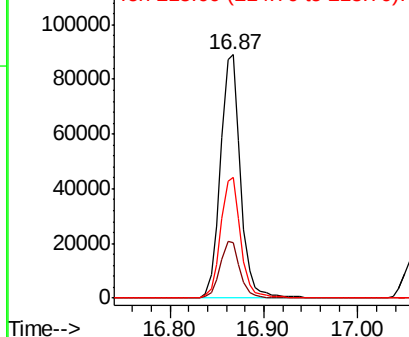


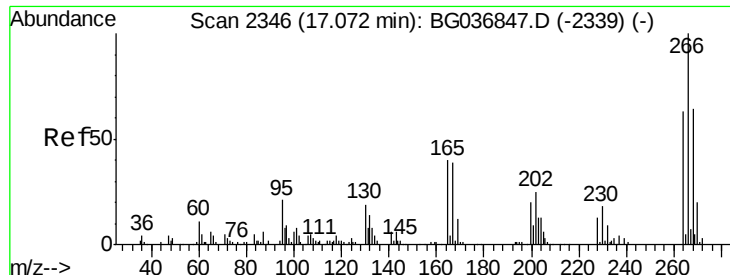
#68
Atrazine
Concen: 42.890 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.9	43.9
215	49.4	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 66.229 ng

RT: 17.06 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

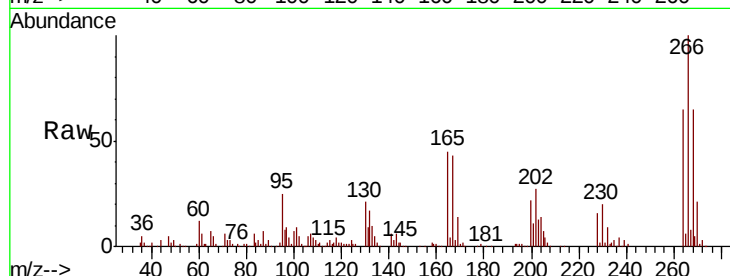
Tgt Ion:266 Resp: 136623

Ion Ratio Lower Upper

266 100

268 65.4 51.4 77.2

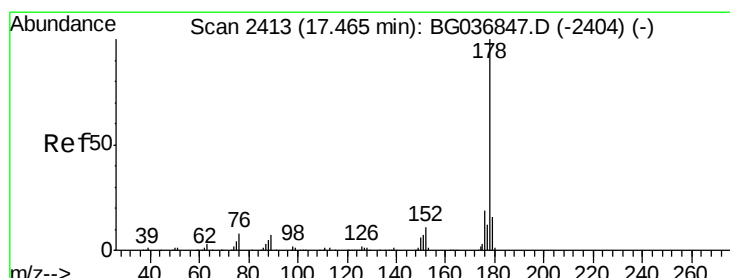
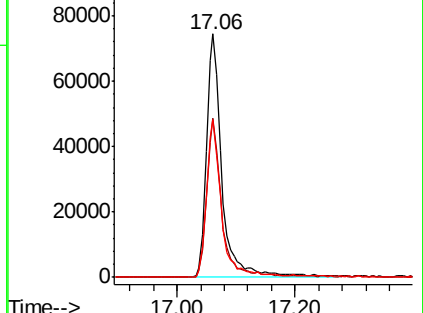
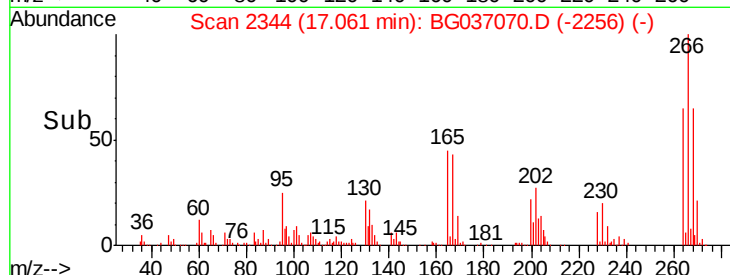
264 65.1 48.9 73.3



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: 43.684 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

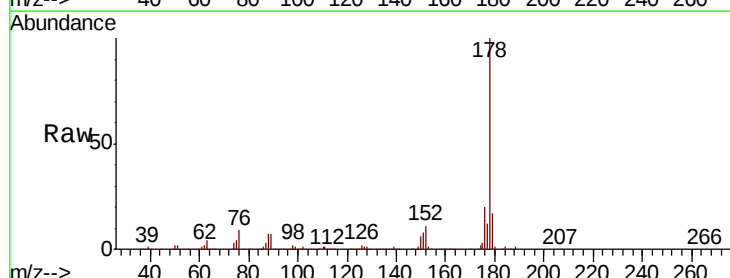
Tgt Ion:178 Resp: 588765

Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.2

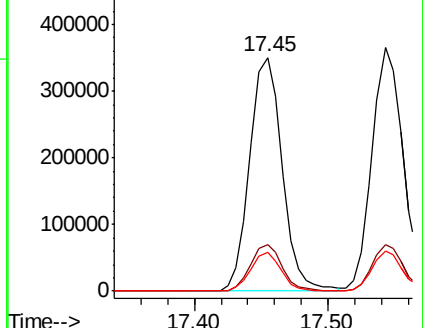
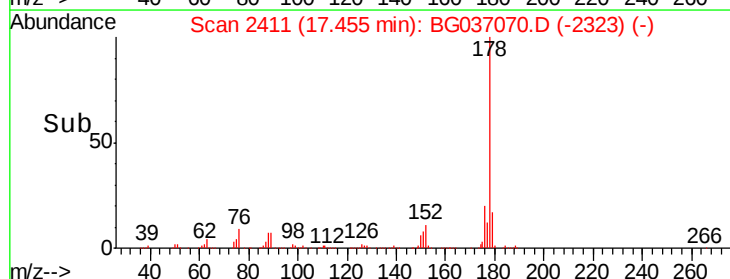
179 16.8 13.4 20.2

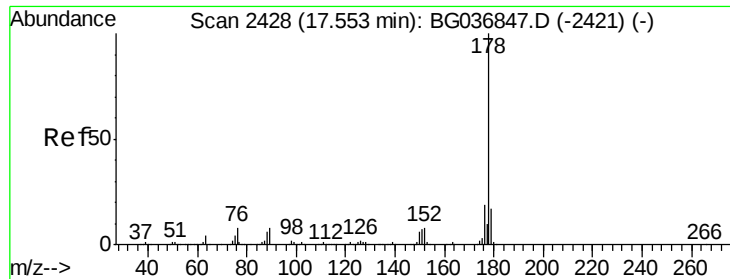


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

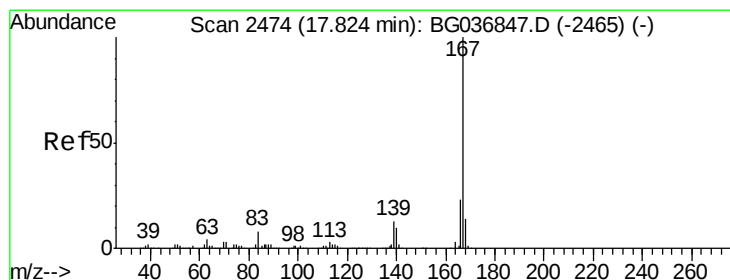
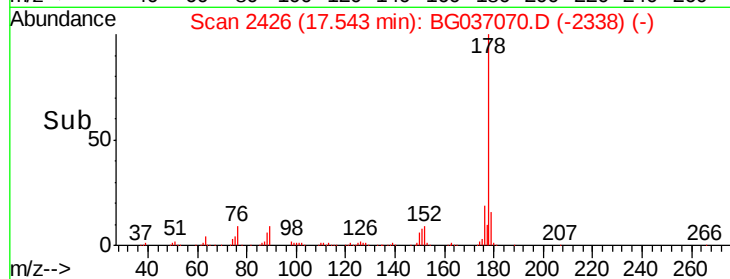
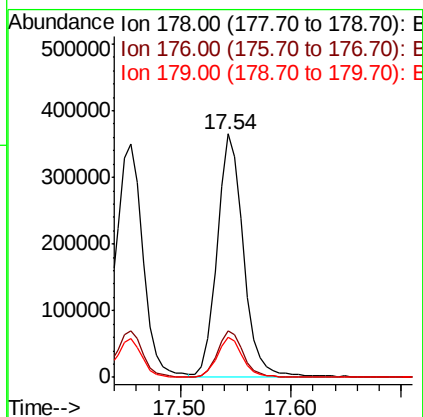
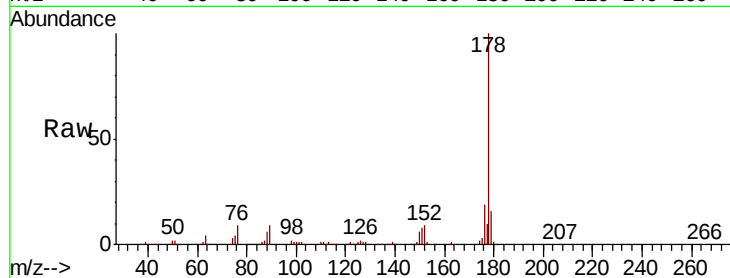




#71
 Anthracene
 Concen: 45.071 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

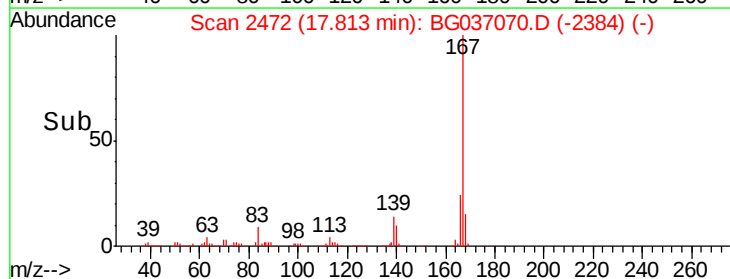
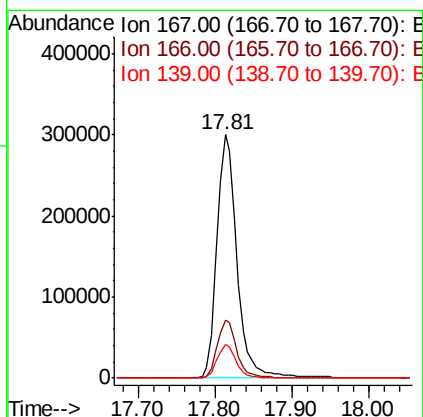
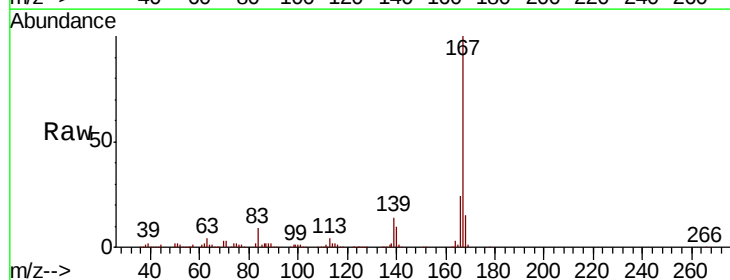
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

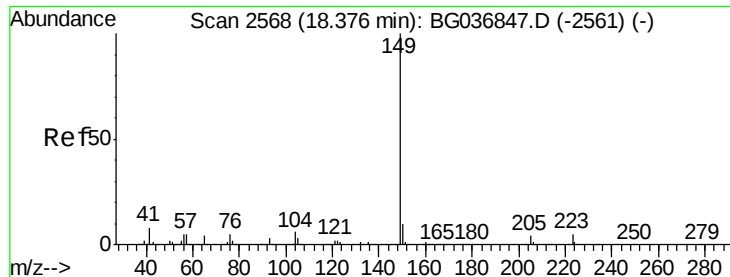
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.4	13.0	19.4



#72
 Carbazole
 Concen: 41.454 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.5	29.3
139	13.9	10.7	16.1

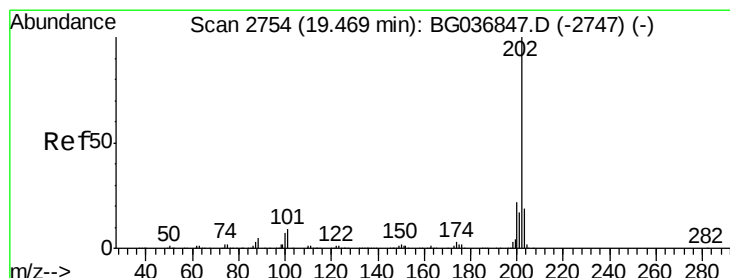
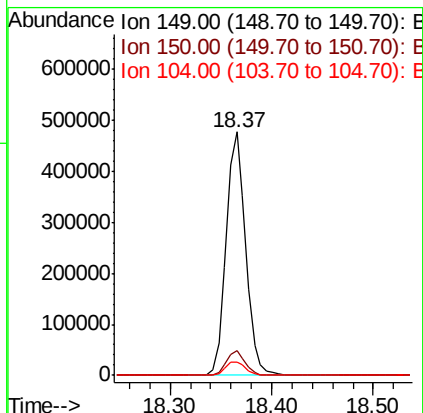
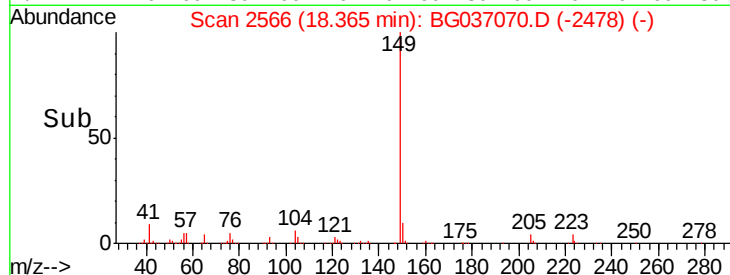
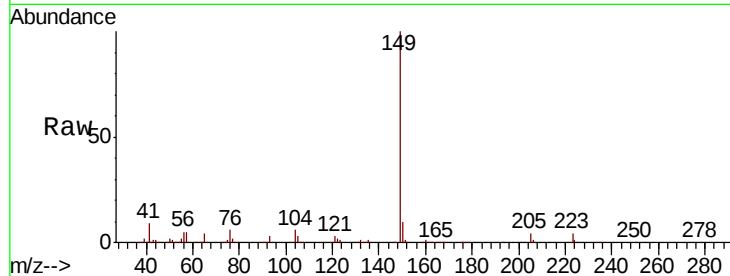




#73
Di-n-butylphthalate
Concen: 44.141 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

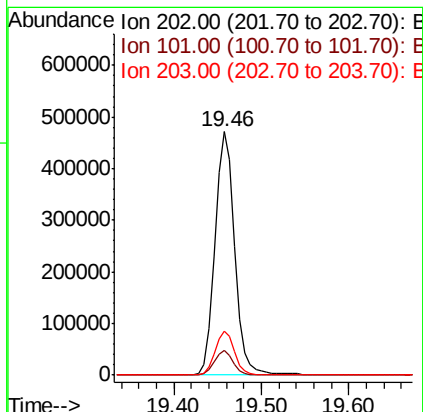
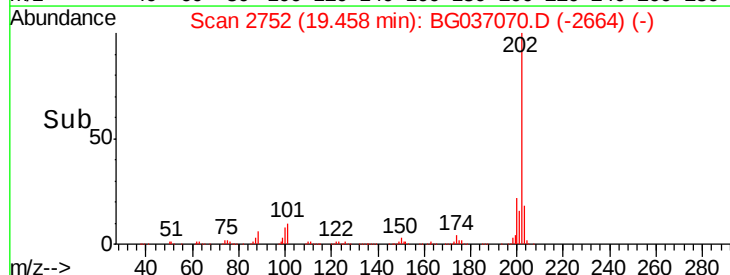
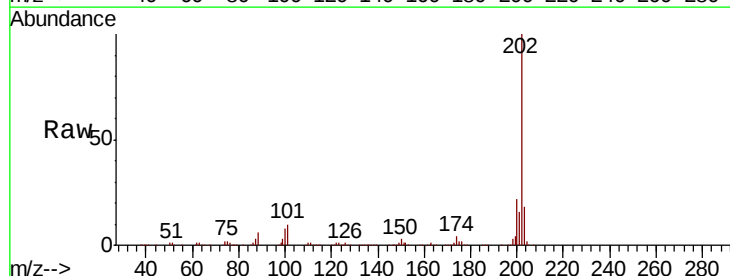
Instrument :
BNA_G
ClientSampleId :
PB113333BS

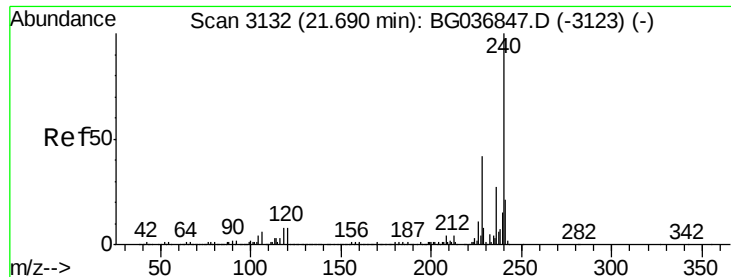
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.7	4.6	6.8



#74
Fluoranthene
Concen: 45.441 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.4
203	18.0	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

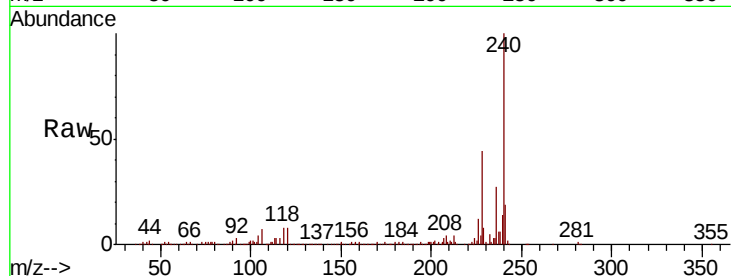
Tgt Ion:240 Resp: 293317

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

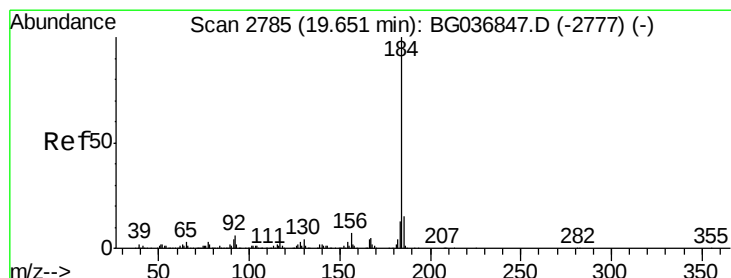
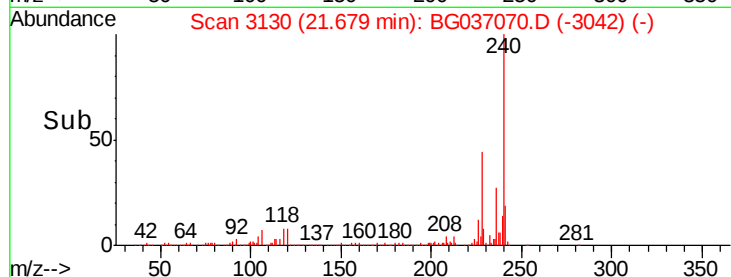
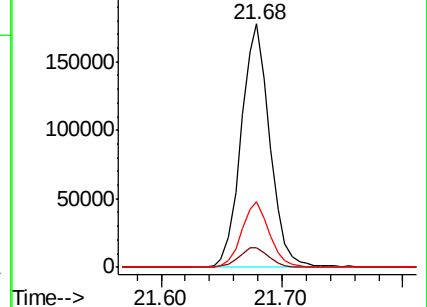
236 26.8 21.2 31.8



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: 21.450 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

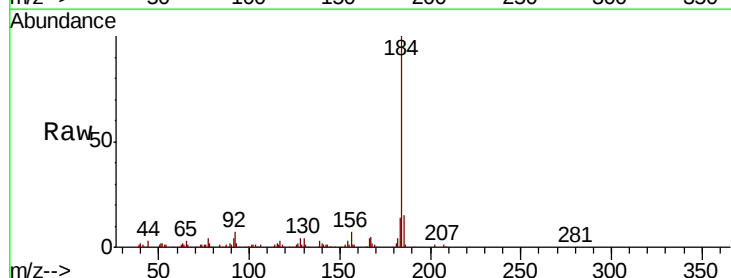
Tgt Ion:184 Resp: 190197

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

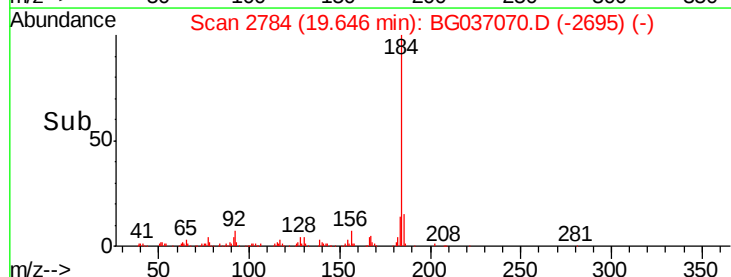
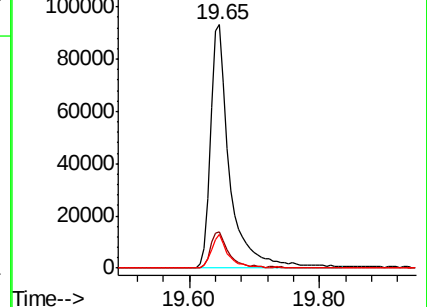
183 13.6 10.9 16.3

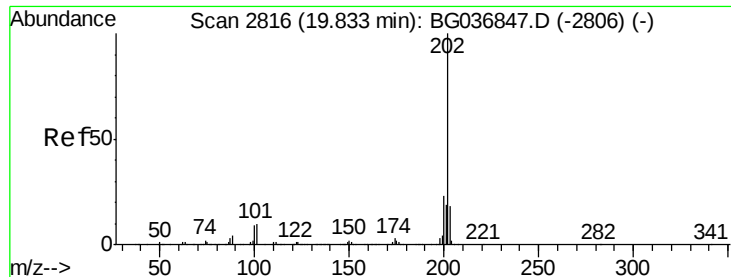


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

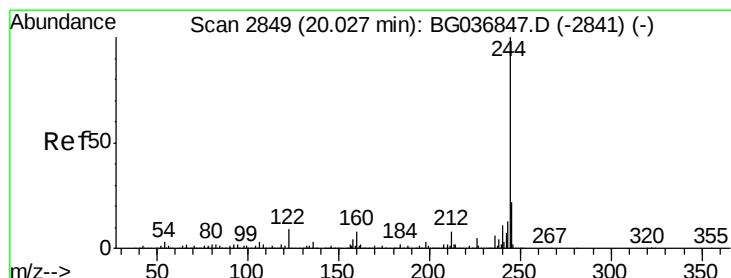
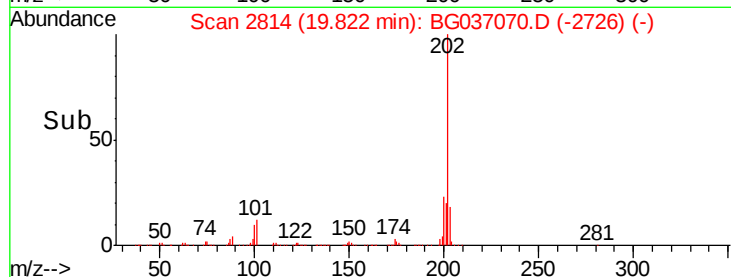
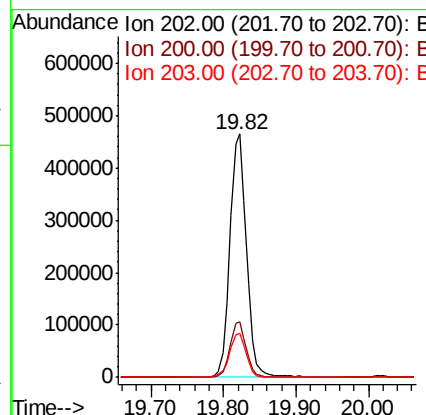
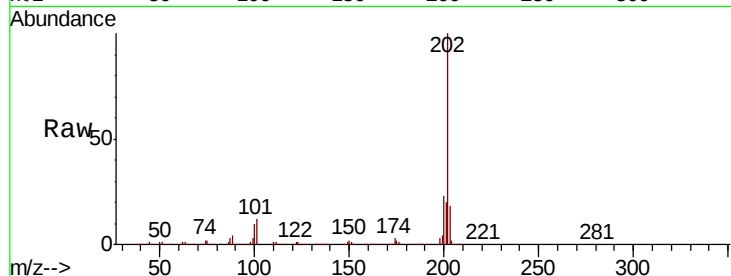




#77
 Pyrene
 Concen: 41.734 ng
 RT: 19.82 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

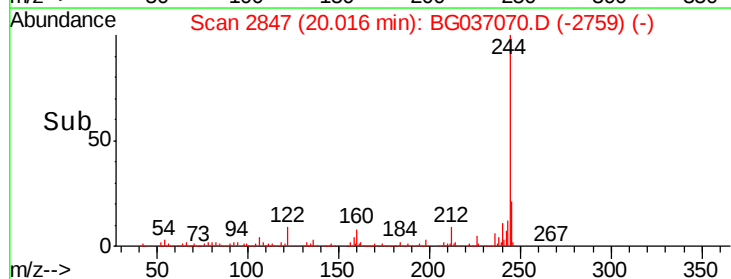
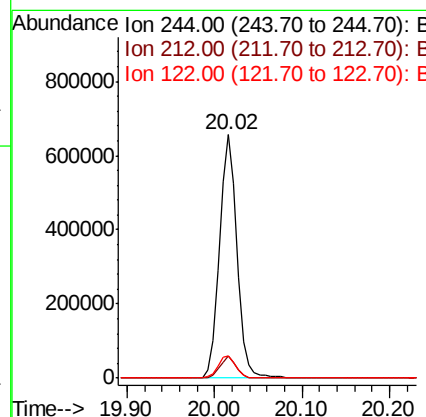
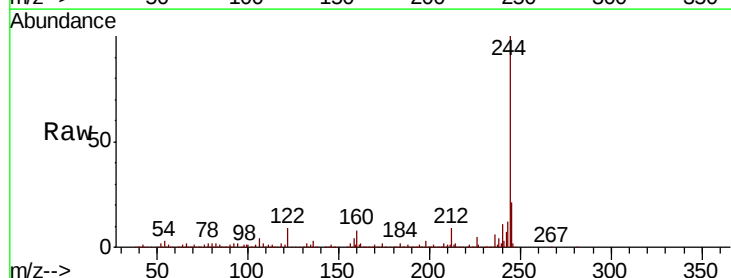
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

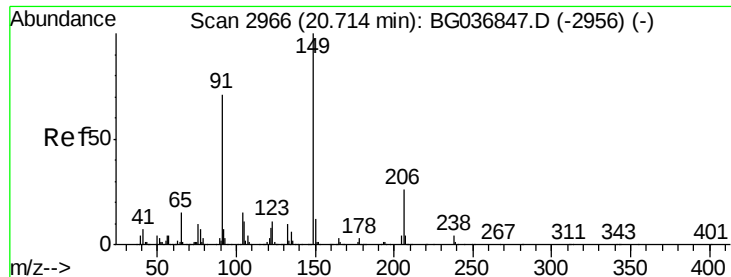
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	18.2	15.1	22.7



#78
 Terphenyl-d14
 Concen: 81.963 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.2	7.1	10.7

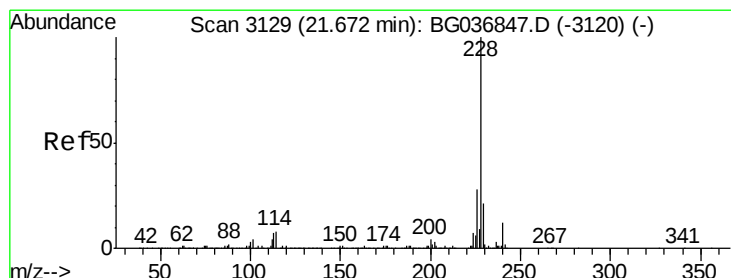
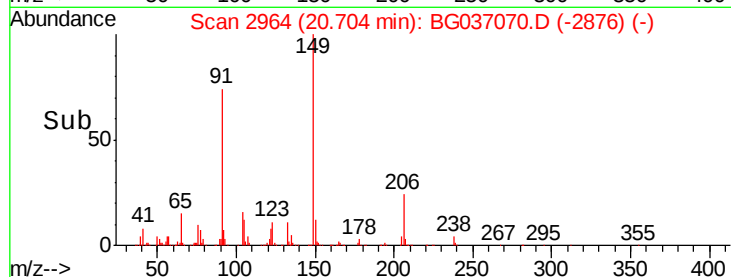
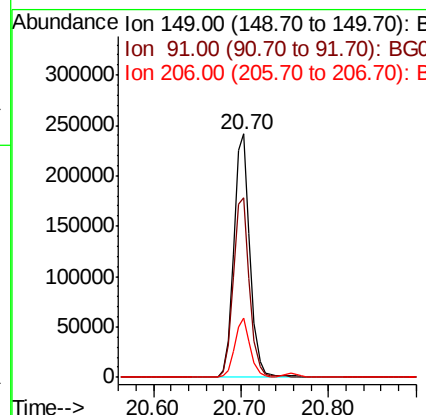
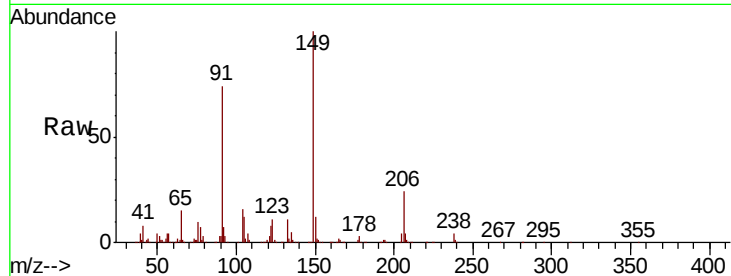




#79
Butylbenzylphthalate
Concen: 43.401 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

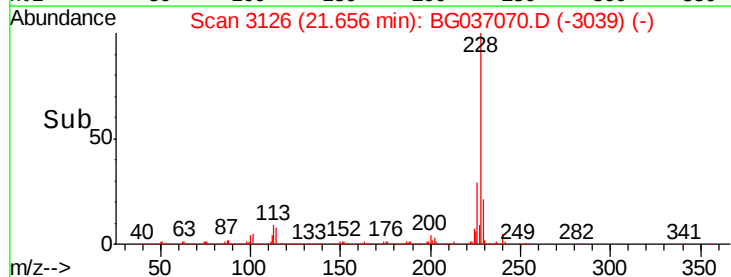
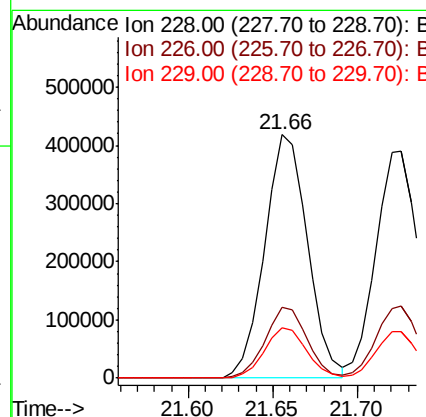
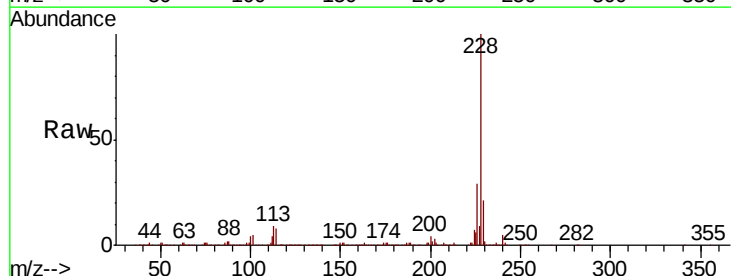
Instrument :
BNA_G
ClientSampleId :
PB113333BS

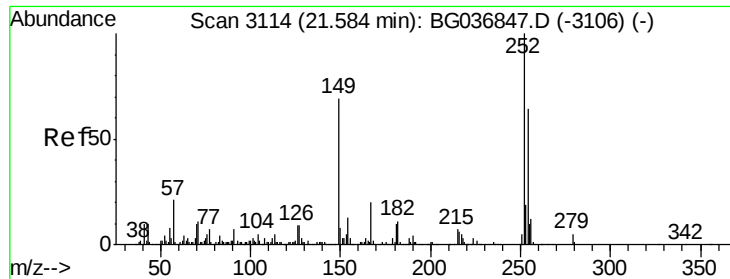
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.8	62.0	93.0
206	24.3	19.6	29.4



#80
Benzo(a)anthracene
Concen: 42.815 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037070.D
Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	20.8	17.1	25.7

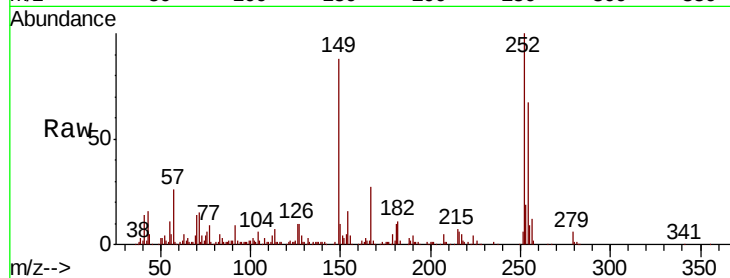




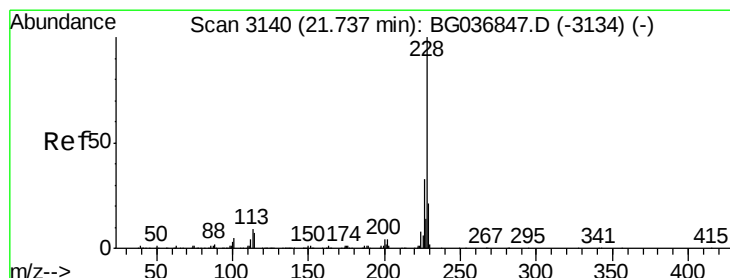
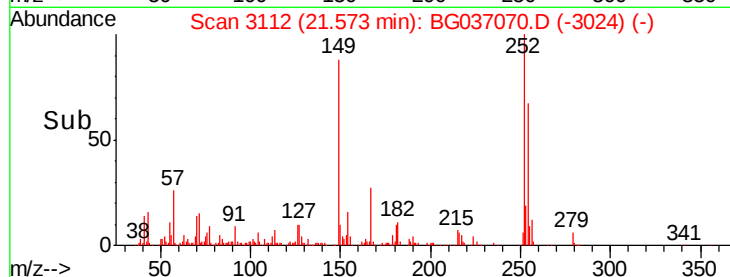
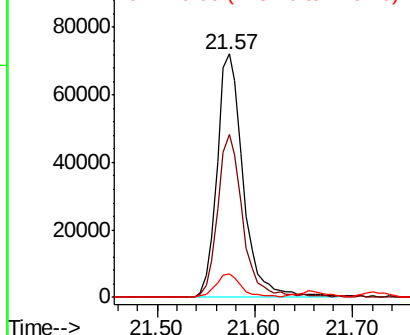
#81
 3,3'-Dichlorobenzidine
 Concen: 20.568 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Tgt Ion: 252 Resp: 134050
 Ion Ratio Lower Upper
 252 100
 254 67.2 51.0 76.4
 126 9.6 7.4 11.0

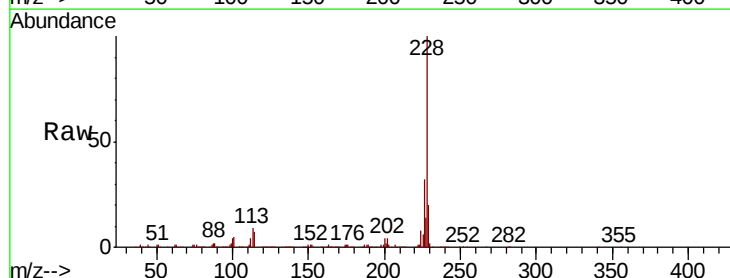


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

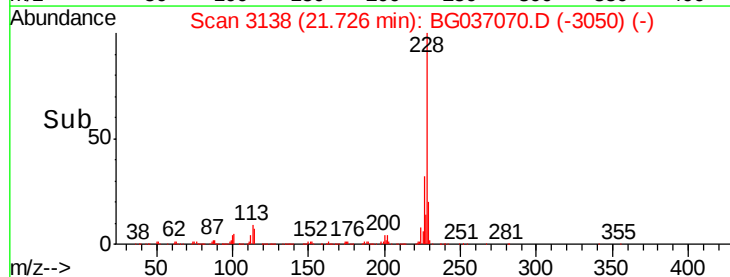
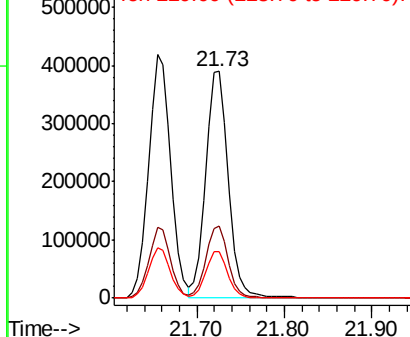


#82
 Chrysene
 Concen: 42.420 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion: 228 Resp: 701785
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.5 38.3
 229 20.4 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

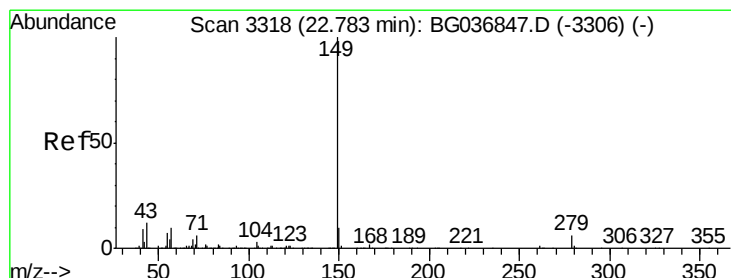
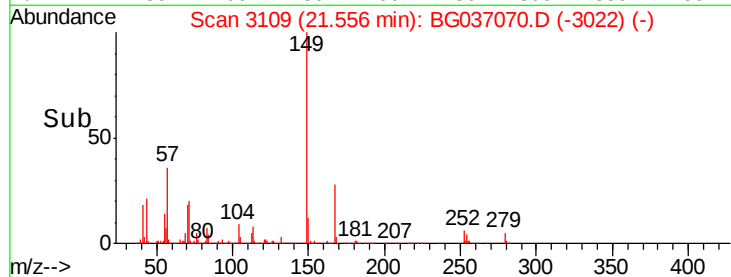
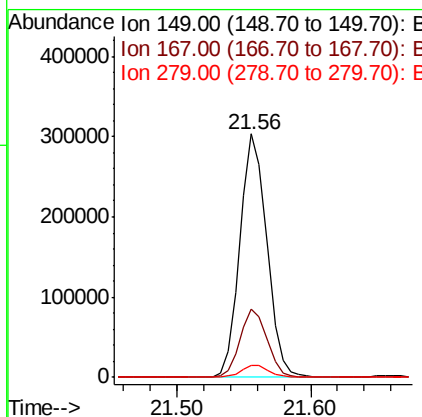
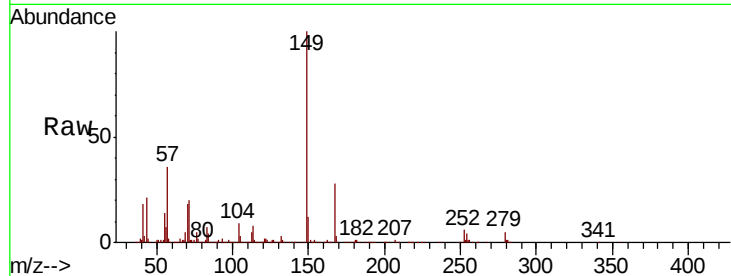




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.182 ng
 RT: 21.56 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

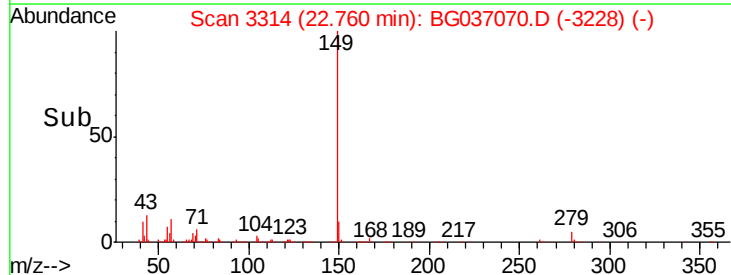
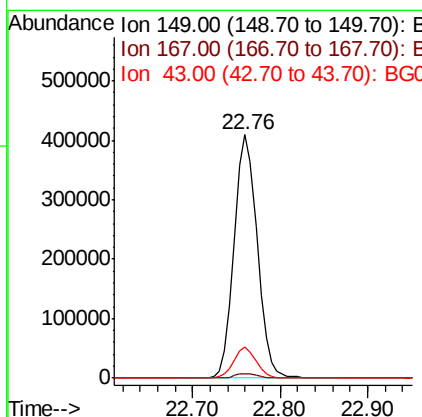
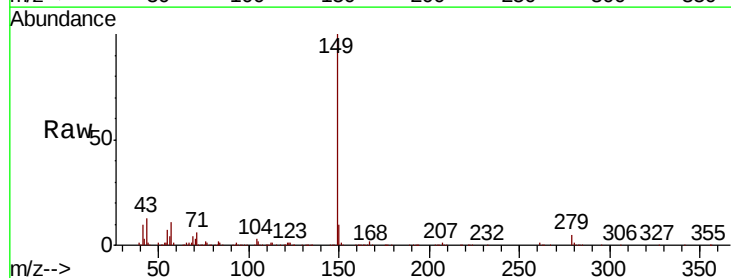
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.0	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 45.256 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.597 ng

RT: 28.52 min Scan# 4295

Delta R.T. -0.03 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

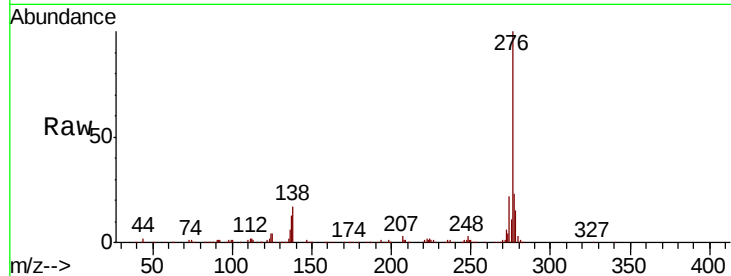
Tgt Ion:276 Resp: 810029

Ion Ratio Lower Upper

276 100

138 21.5 10.6 15.8#

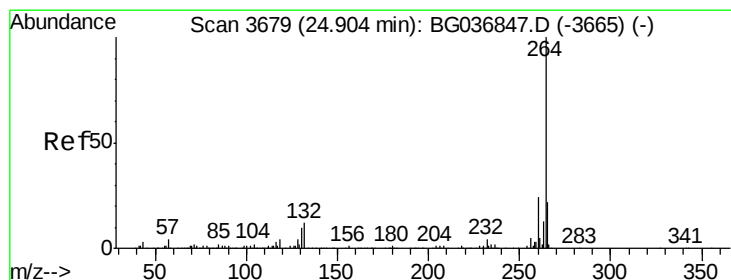
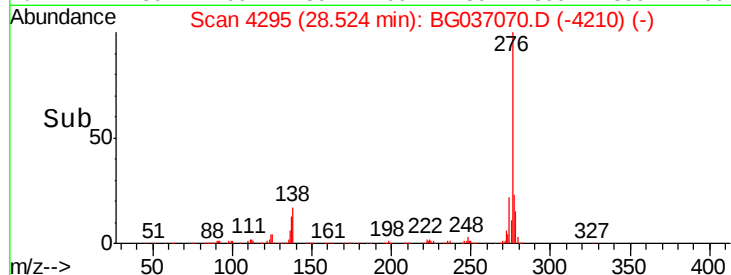
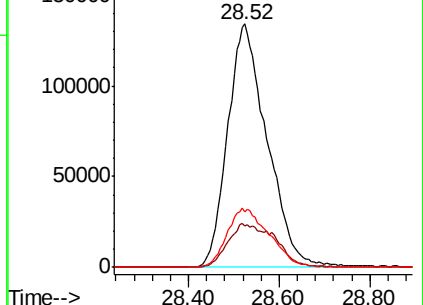
277 25.7 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

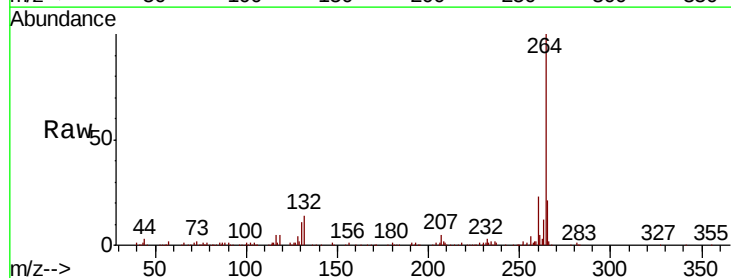
Tgt Ion:264 Resp: 303144

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

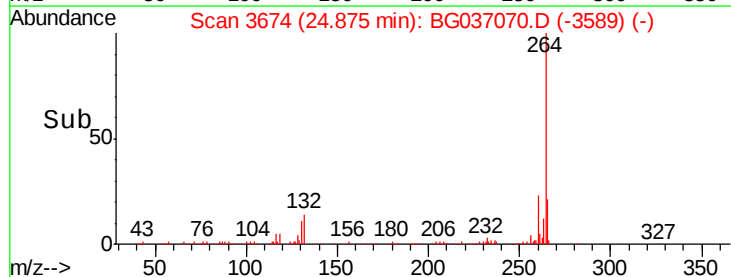
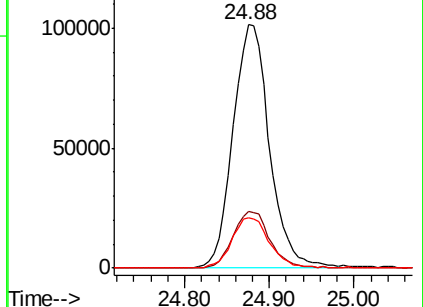
265 20.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

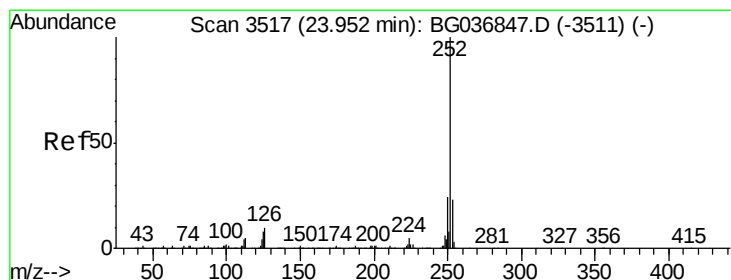
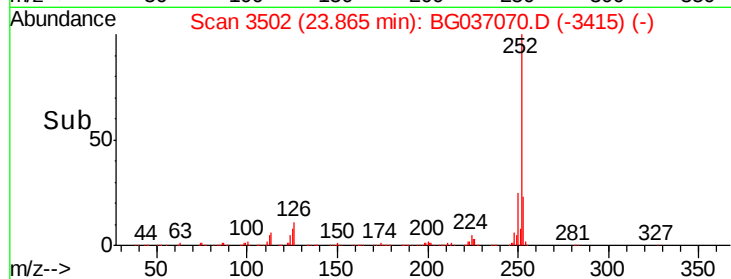
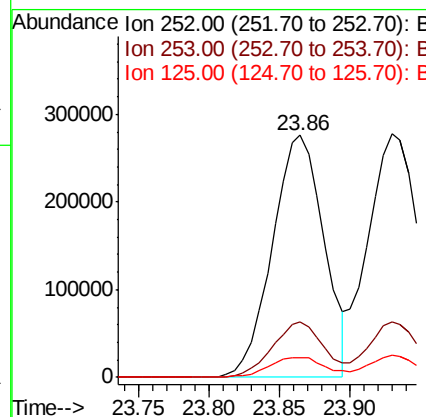
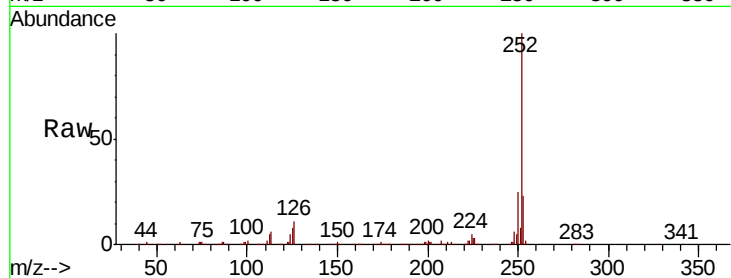




#87
 Benzo(b)fluoranthene
 Concen: 43.476 ng
 RT: 23.86 min Scan# 3502
 Delta R.T. -0.02 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

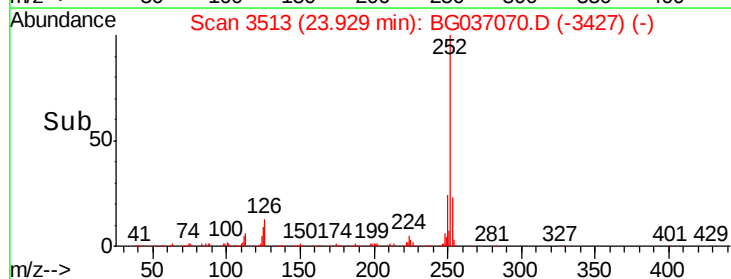
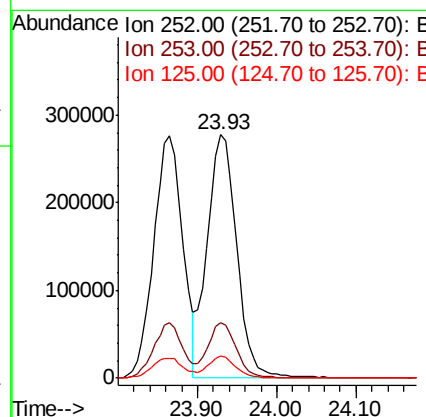
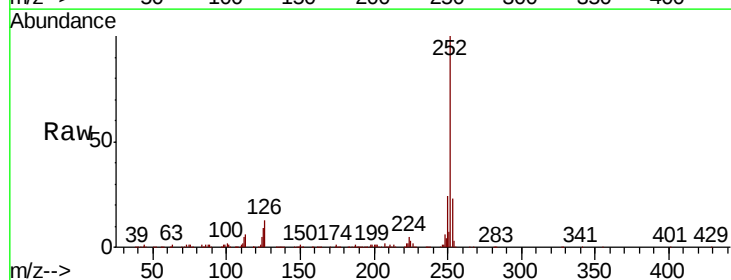
Instrument :
 BNA_G
 ClientSampleId :
 PB113333BS

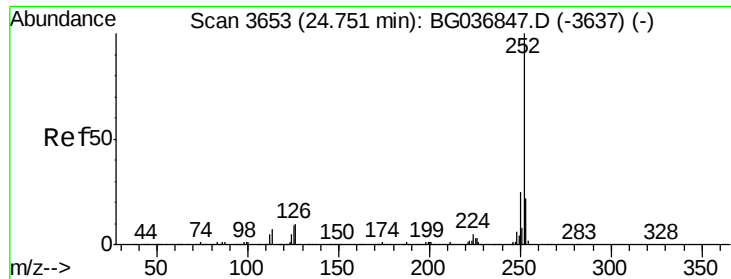
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.2	6.6	10.0



#88
 Benzo(k)fluoranthene
 Concen: 44.218 ng
 RT: 23.93 min Scan# 3513
 Delta R.T. -0.02 min
 Lab File: BG037070.D
 Acq: 29 Sep 2018 4:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.3	7.0	10.6





#89

Benzo(a)pyrene

Concen: 44.648 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

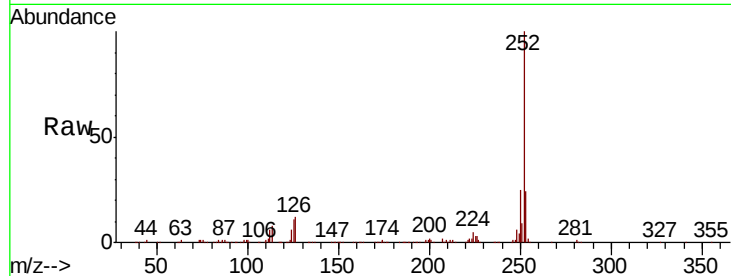
Tgt Ion: 252 Resp: 697340

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

125 10.6 7.3 10.9

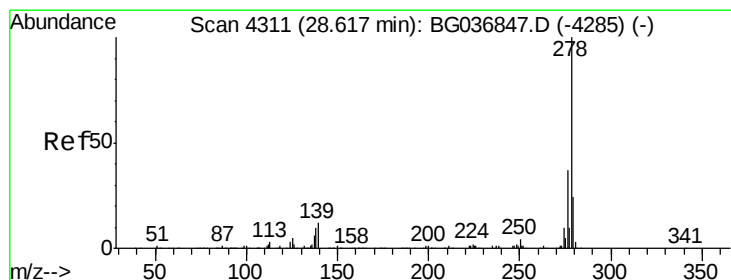
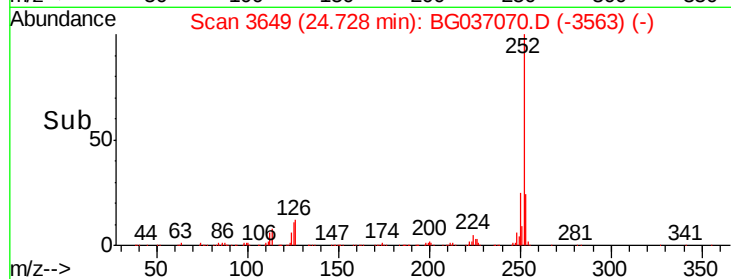
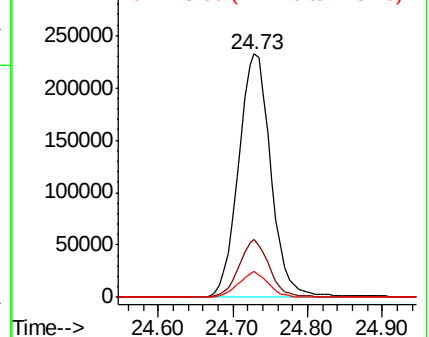


Abundance

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: 45.195 ng

RT: 28.58 min Scan# 4305

Delta R.T. -0.03 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

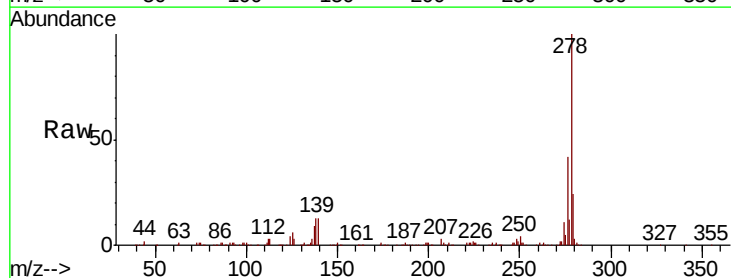
Tgt Ion: 278 Resp: 661560

Ion Ratio Lower Upper

278 100

139 12.8 11.0 16.4

279 24.5 18.7 28.1

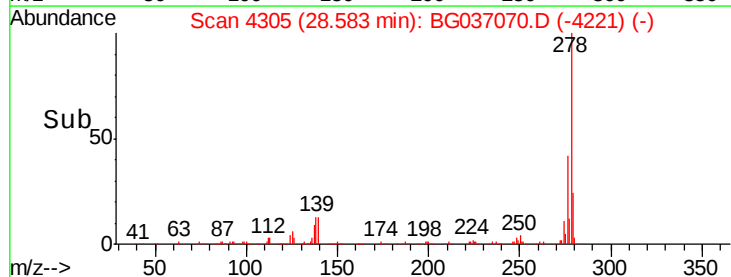
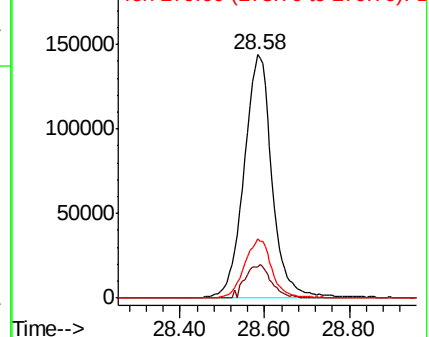


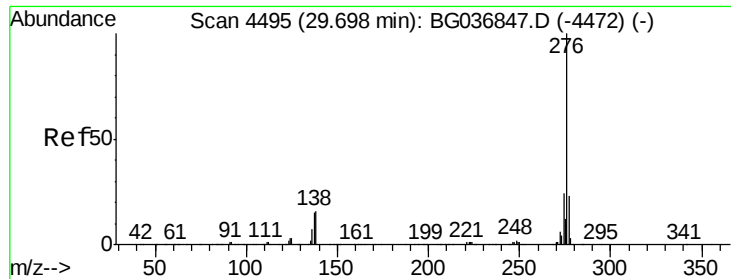
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.846 ng

RT: 29.66 min Scan# 4488

Delta R.T. -0.04 min

Lab File: BG037070.D

Acq: 29 Sep 2018 4:09

Instrument :

BNA_G

ClientSampleId :

PB113333BS

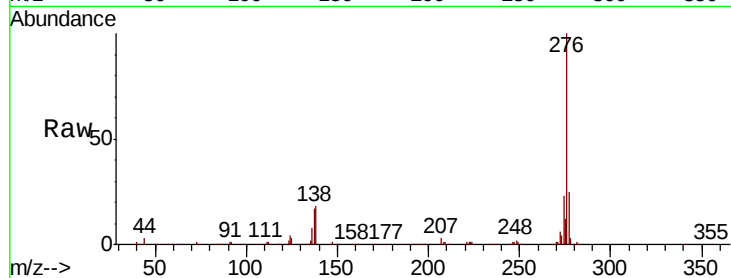
Tgt Ion: 276 Resp: 673503

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 18.2 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

