

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
 Data File : BG037271.D
 Acq On : 11 Oct 2018 23:53
 Operator : JU/SJ
 Sample : PB113698BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

Quant Time: Oct 12 06:51:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	52169	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	233747	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	158212	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	405894	20.00	ng	0.00
76) Chrysene-d12	21.80	240	378526	20.00	ng	0.00
87) Perylene-d12	25.14	264	413981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	314682	106.16	ng	0.00
7) Phenol-d6	7.26	99	452652	100.60	ng	0.00
23) Nitrobenzene-d5	9.30	82	228981	64.40	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	154205	99.38	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	621459	58.99	ng	0.00
79) Terphenyl-d14	20.10	244	1067321	59.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	36661	22.021	ng	96
3) Pyridine	3.94	79	110110	27.856	ng	96
4) n-Nitrosodimethylamine	3.86	42	54096	35.241	ng	98
6) Aniline	7.44	93	137821	23.400	ng	97
8) 2-Chlorophenol	7.68	128	126138	36.358	ng	95
9) Benzaldehyde	7.26	77	67658	21.841	ng	98
10) Phenol	7.28	94	171848	36.265	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	118562	30.626	ng	95
12) 1,3-Dichlorobenzene	8.01	146	121778	29.859	ng	99
13) 1,4-Dichlorobenzene	8.16	146	124329	30.110	ng	99
14) 1,2-Dichlorobenzene	8.48	146	120553	30.129	ng	98
15) Benzyl Alcohol	8.36	79	119421	33.932	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	231267	30.218	ng	98
17) 2-Methylphenol	8.55	107	117908	37.152	ng	99
18) Hexachloroethane	9.21	117	43012	30.519	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	101882	29.909	ng	95
20) 3+4-Methylphenols	8.88	107	162209	36.554	ng	97
22) Acetophenone	8.95	105	188623	32.012	ng	# 99
24) Nitrobenzene	9.34	77	132304	34.743	ng	98
25) Isophorone	9.86	82	291858	35.959	ng	97
26) 2-Nitrophenol	10.05	139	42079	33.030	ng	99
27) 2,4-Dimethylphenol	10.09	122	139076	40.995	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	174676	34.399	ng	98
29) 2,4-Dichlorophenol	10.58	162	136089	39.518	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	127787	30.494	ng	99
31) Naphthalene	11.00	128	394967	34.768	ng	98
32) Benzoic acid	10.20	122	52684	28.124	ng	94
33) 4-Chloroaniline	11.10	127	76787	14.409	ng	98
34) Hexachlorobutadiene	11.26	225	75331	28.948	ng	97
35) Caprolactam	11.88	113	23398	16.666	ng	# 88
36) 4-Chloro-3-methylphenol	12.20	107	156193	38.404	ng	99
37) 2-Methylnaphthalene	12.59	142	302840	36.530	ng	99
38) 1-Methylnaphthalene	12.81	142	291212	35.966	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	152480	29.761	ng	98

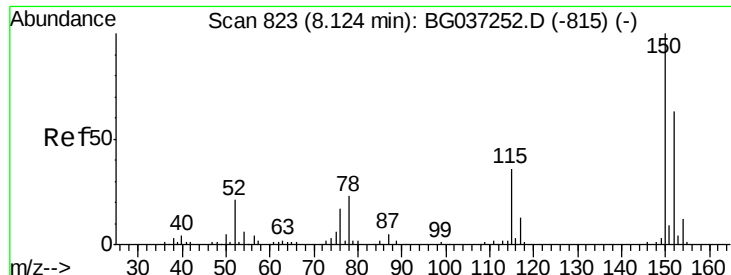
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	157818	74.717	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	111714	37.586	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	125702	39.307	ng	99
46) 1,1'-Biphenyl	13.59	154	398080	30.587	ng	98
47) 2-Chloronaphthalene	13.64	162	312527	31.791	ng	99
48) 2-Nitroaniline	13.84	65	86566	34.358	ng	97
49) Acenaphthylene	14.48	152	533567	35.480	ng	99
50) Dimethylphthalate	14.20	163	441732	35.528	ng	100
51) 2,6-Dinitrotoluene	14.33	165	81045	35.005	ng	96
52) Acenaphthene	14.82	154	319118	34.354	ng	95
53) 3-Nitroaniline	14.66	138	52935	20.349	ng	95
54) 2,4-Dinitrophenol	14.86	184	23900	38.415	ng	98
55) Dibenzofuran	15.16	168	494786	32.826	ng	99
56) 4-Nitrophenol	14.95	139	156378	77.118	ng	96
57) 2,4-Dinitrotoluene	15.12	165	107839	36.693	ng	# 98
58) Fluorene	15.80	166	408966	35.876	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.37	232	108232	38.227	ng	96
60) Diethylphthalate	15.56	149	461917	35.848	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	213918	32.104	ng	99
62) 4-Nitroaniline	15.83	138	100183	36.691	ng	97
63) Azobenzene	16.08	77	427267	34.585	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	24919	23.130	ng	96
66) n-Nitrosodiphenylamine	16.01	169	387025	32.469	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	133731	30.528	ng	97
68) Hexachlorobenzene	16.80	284	139872	30.796	ng	98
69) Atrazine	16.95	200	151288	34.149	ng	98
70) Pentachlorophenol	17.14	266	159325	54.371	ng	97
71) Phenanthrene	17.55	178	712579	34.488	ng	100
72) Anthracene	17.64	178	724208	35.810	ng	98
73) Carbazole	17.91	167	678798	32.576	ng	100
74) Di-n-butylphthalate	18.45	149	813676	36.433	ng	99
75) Fluoranthene	19.55	202	864966	35.818	ng	99
77) Benzidine	19.73	184	307202	21.214	ng	99
78) Pyrene	19.91	202	870661	35.292	ng	99
80) Butylbenzylphthalate	20.79	149	346802	36.131	ng	99
81) Benzo(a)anthracene	21.77	228	822846	36.296	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	152401	17.427	ng	99
83) Chrysene	21.84	228	763434	35.303	ng	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	498953	36.201	ng	99
85) Di-n-octyl phthalate	22.93	149	847386	37.879	ng	99
86) Indeno(1,2,3-cd)pyrene	28.99	276	914118	38.136	ng	99
88) Benzo(b)fluoranthene	24.07	252	830327	36.891	ng	99
89) Benzo(k)fluoranthene	24.15	252	771036	34.717	ng	98
90) Benzo(a)pyrene	24.99	252	792119	36.702	ng	99
91) Dibenzo(a,h)anthracene	29.07	278	755178	36.570	ng	99
92) Benzo(g,h,i)perylene	30.21	276	756592	36.684	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

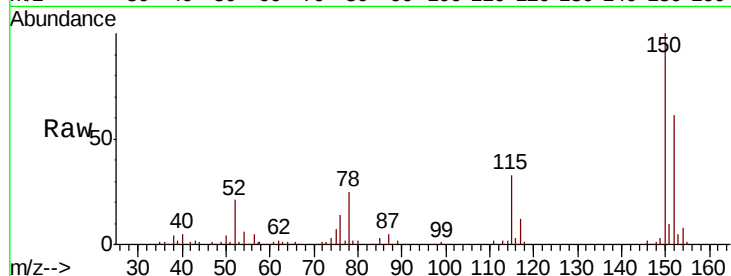
Tgt Ion:152 Resp: 52169

Ion Ratio Lower Upper

152 100

150 165.1 126.0 189.0

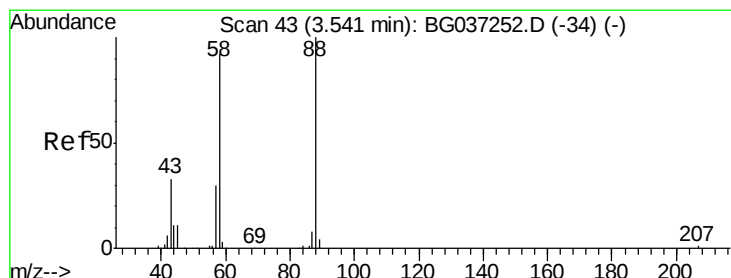
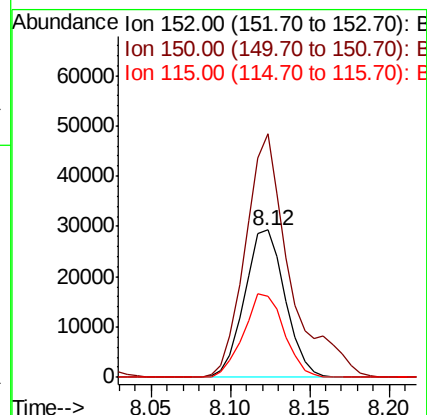
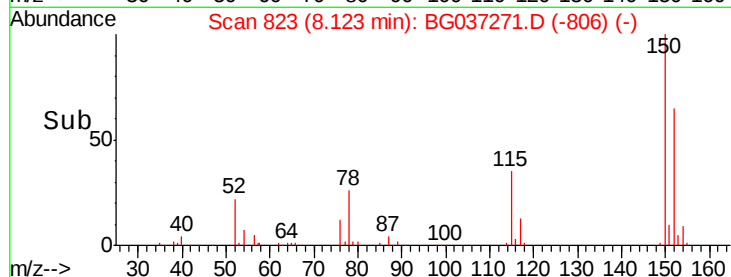
115 54.7 45.5 68.3



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: 22.021 ng

RT: 3.53 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

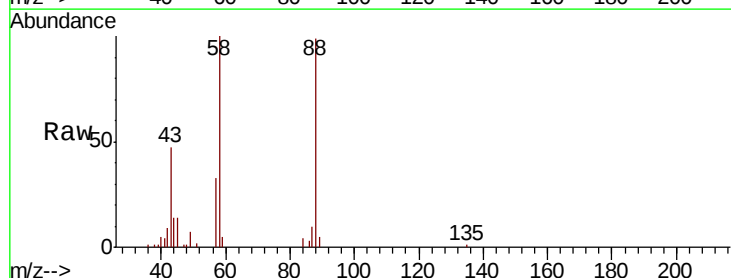
Tgt Ion: 88 Resp: 36661

Ion Ratio Lower Upper

88 100

58 91.8 74.4 111.6

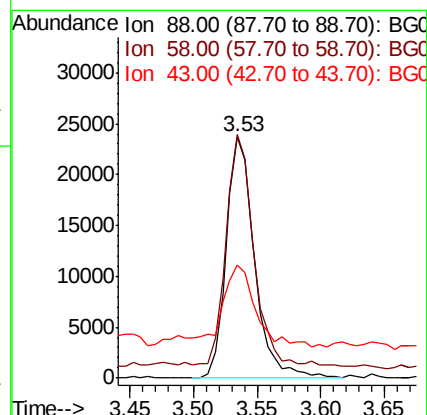
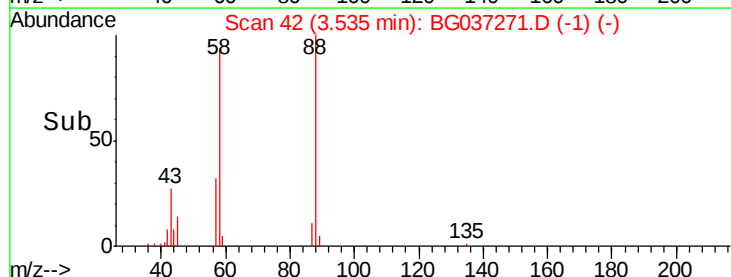
43 38.0 25.8 38.8

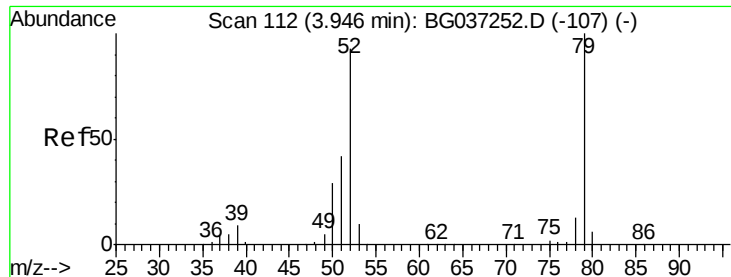


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.856 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

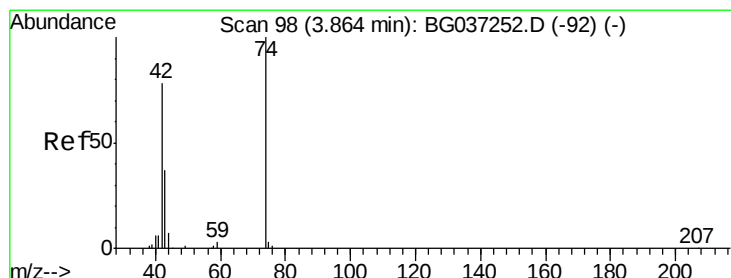
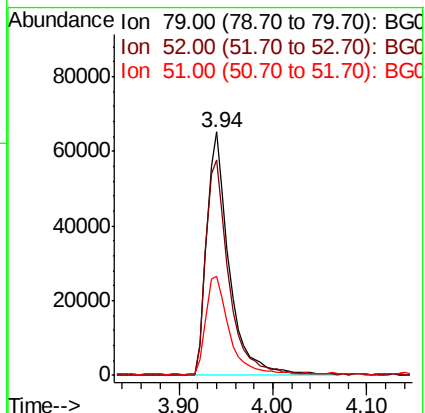
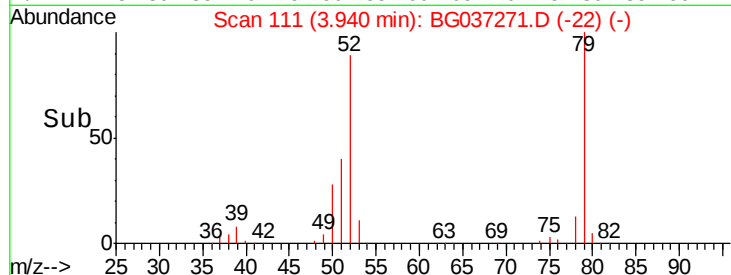
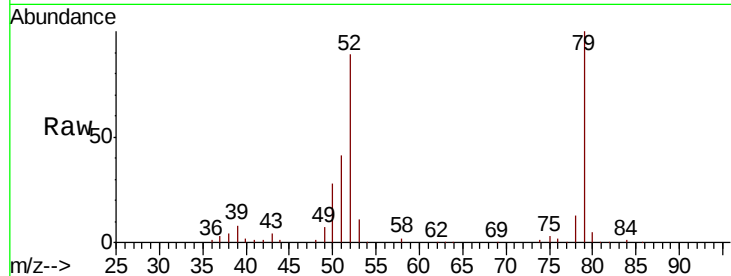
Tgt Ion: 79 Resp: 110110

Ion Ratio Lower Upper

79 100

52 88.5 74.2 111.2

51 40.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 35.241 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

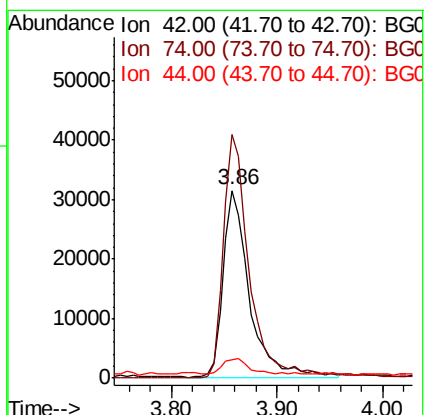
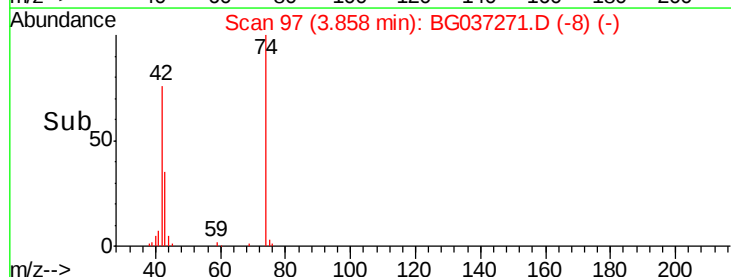
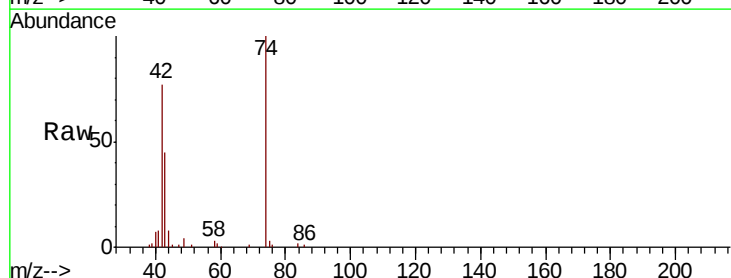
Tgt Ion: 42 Resp: 54096

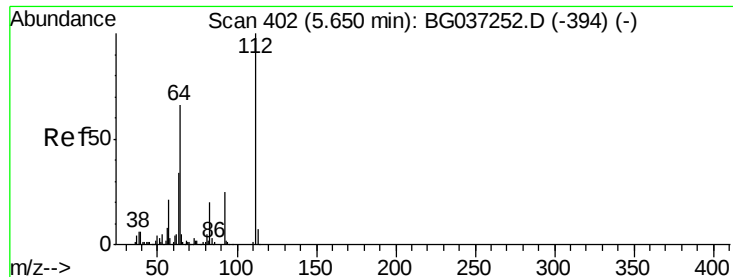
Ion Ratio Lower Upper

42 100

74 129.8 102.0 153.0

44 9.9 9.6 14.4





#5

2-Fluorophenol

Concen: 106.157 ng

RT: 5.66 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

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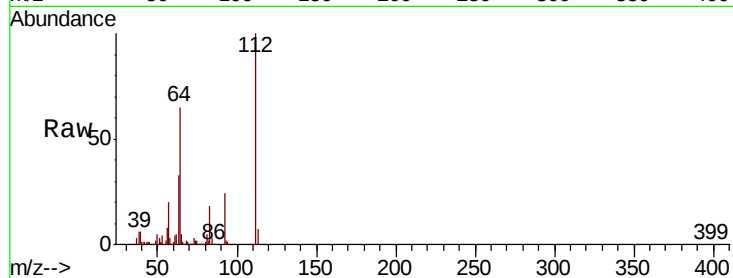
Tgt Ion: 112 Resp: 314682

Ion Ratio Lower Upper

112 100

64 65.2 53.1 79.7

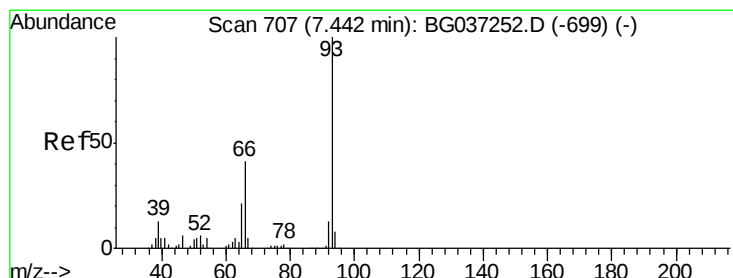
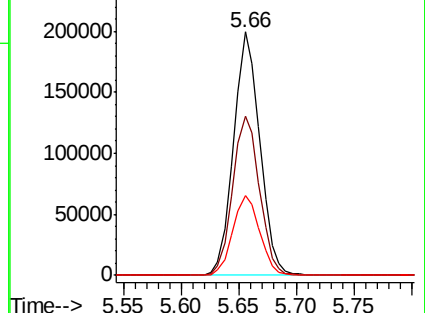
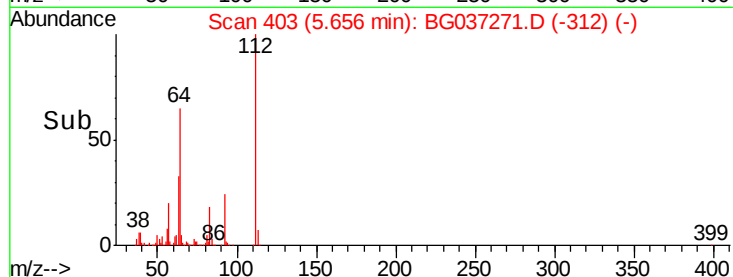
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.400 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

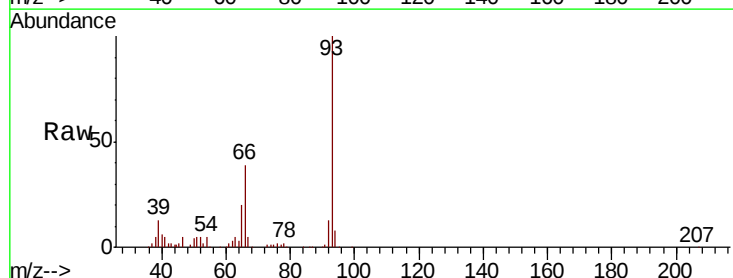
Tgt Ion: 93 Resp: 137821

Ion Ratio Lower Upper

93 100

66 38.6 32.8 49.2

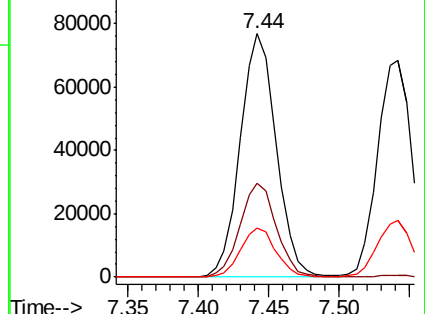
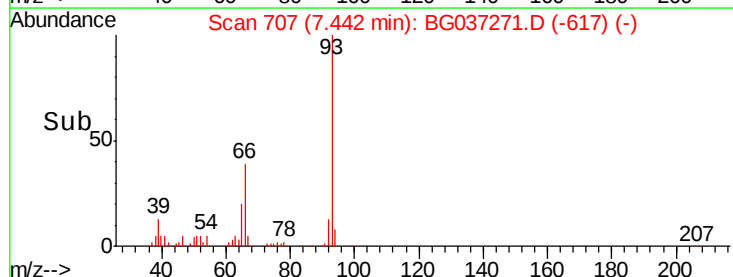
65 20.1 16.4 24.6

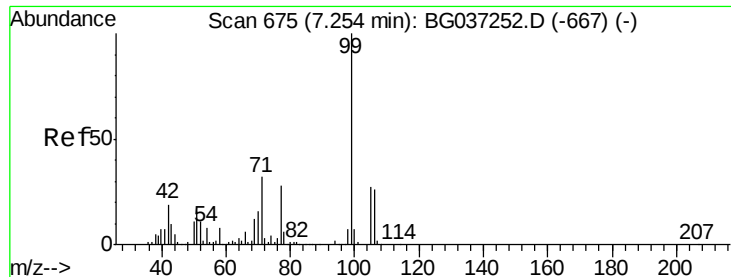


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.604 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

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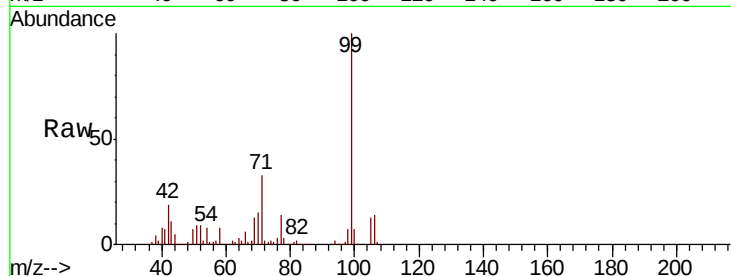
Tgt Ion: 99 Resp: 452652

Ion Ratio Lower Upper

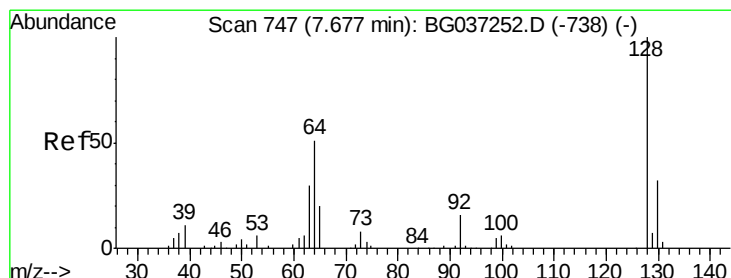
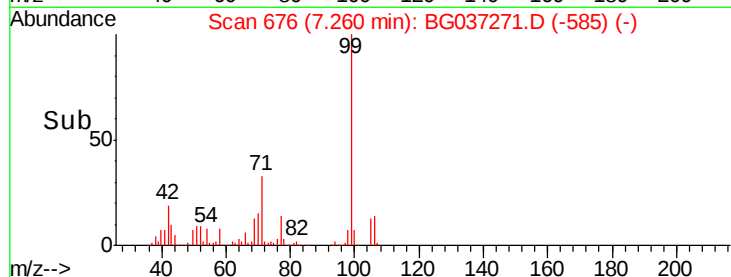
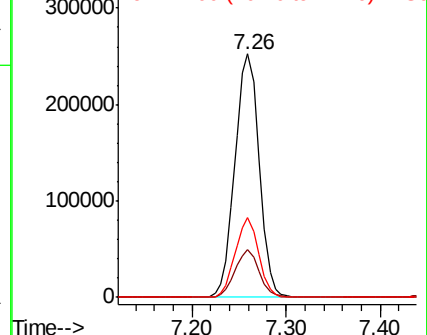
99 100

42 19.4 15.0 22.4

71 32.6 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.358 ng

RT: 7.68 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

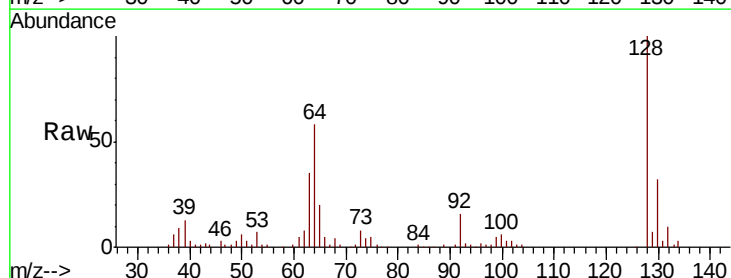
Tgt Ion: 128 Resp: 126138

Ion Ratio Lower Upper

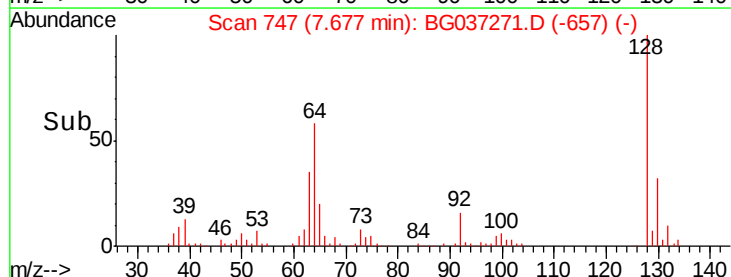
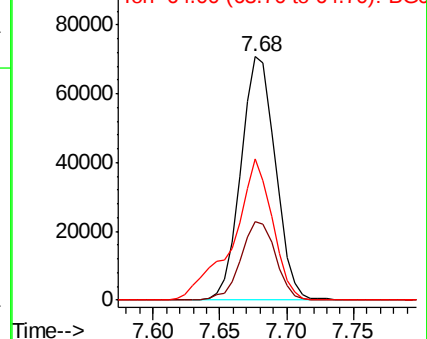
128 100

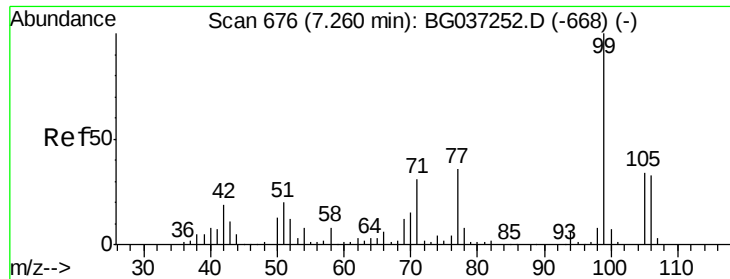
130 32.3 12.0 52.0

64 58.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 21.841 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

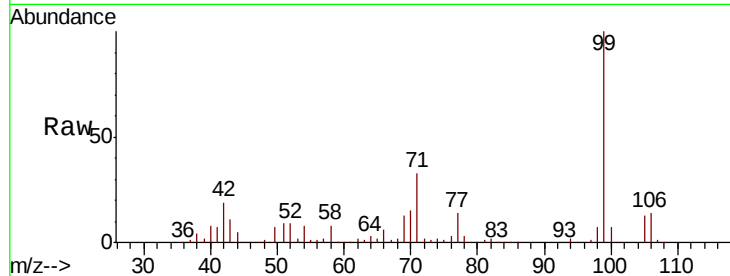
Tgt Ion: 77 Resp: 67658

Ion Ratio Lower Upper

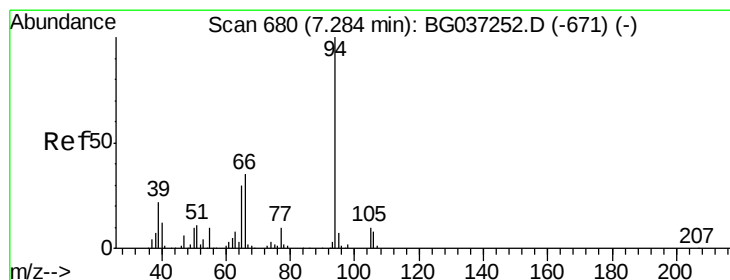
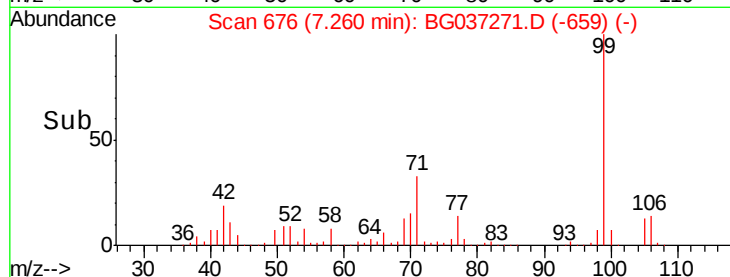
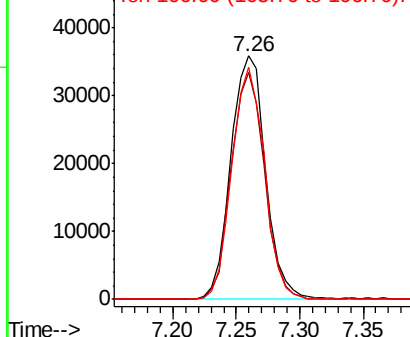
77 100

105 93.1 72.6 112.6

106 95.3 71.3 111.3



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



#10

Phenol

Concen: 36.265 ng

RT: 7.28 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

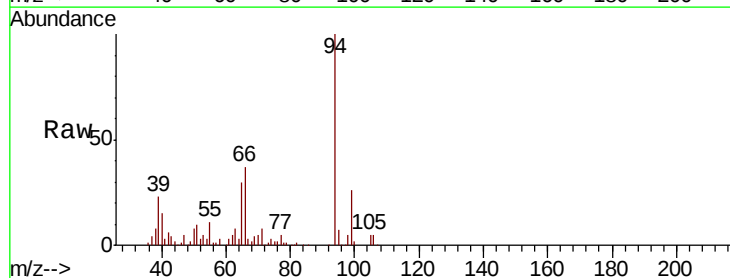
Tgt Ion: 94 Resp: 171848

Ion Ratio Lower Upper

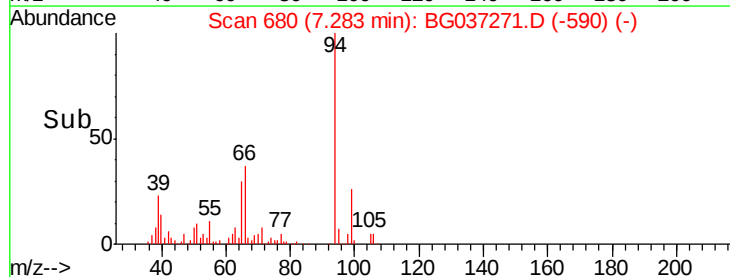
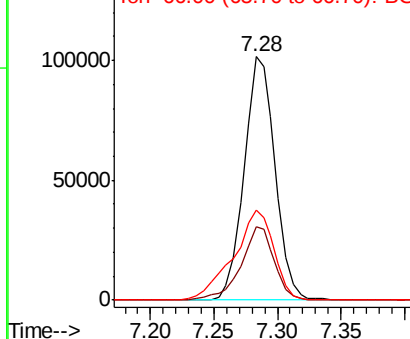
94 100

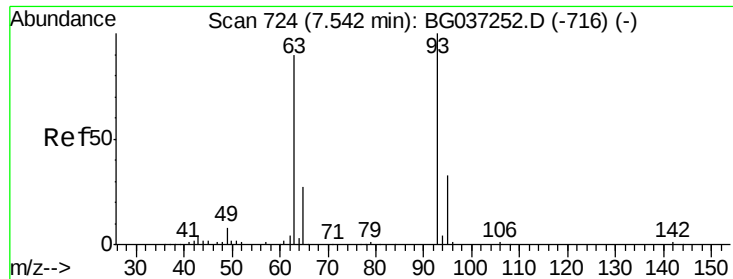
65 30.1 9.7 49.7

66 37.2 15.9 55.9



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

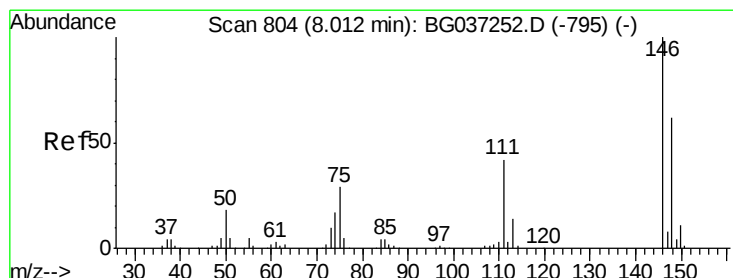
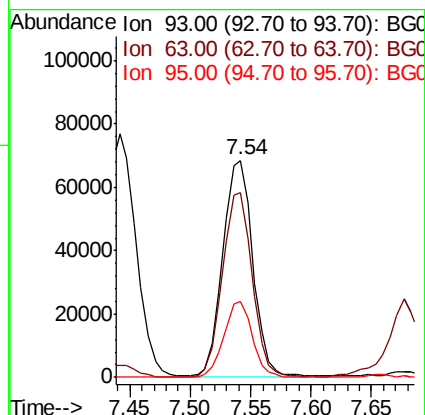
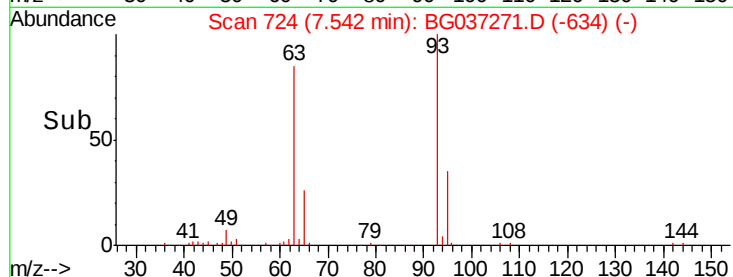
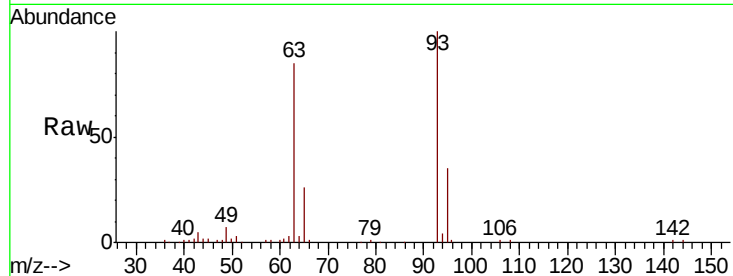




#11
bis(2-Chloroethyl)ether
Concen: 30.626 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

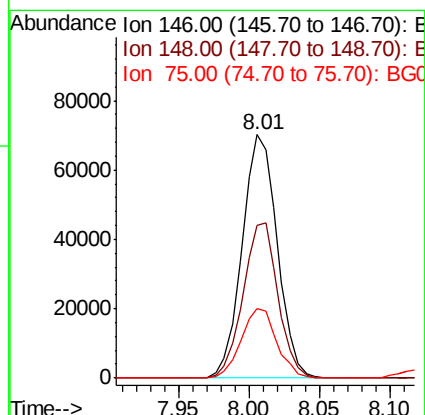
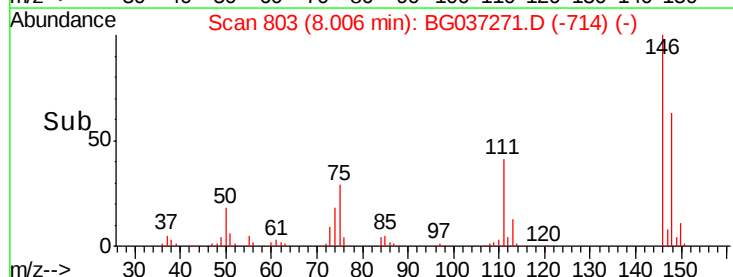
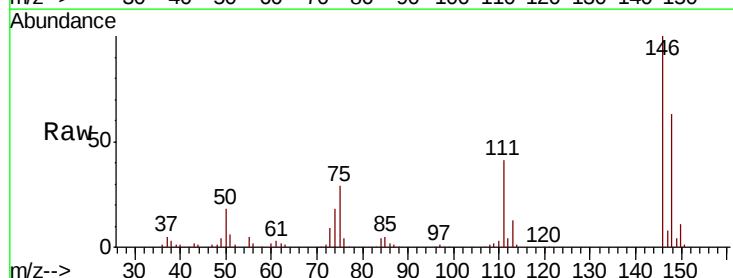
Instrument :
BNA_G
ClientSampleId :
PB113698BS

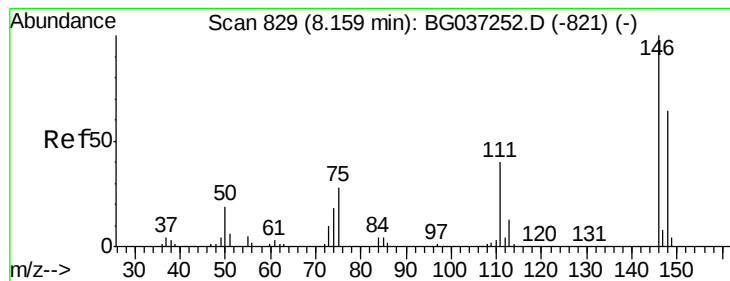
Tgt Ion: 93 Resp: 118562
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 34.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 29.859 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion: 146 Resp: 121778
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.8
75 28.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 30.110 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

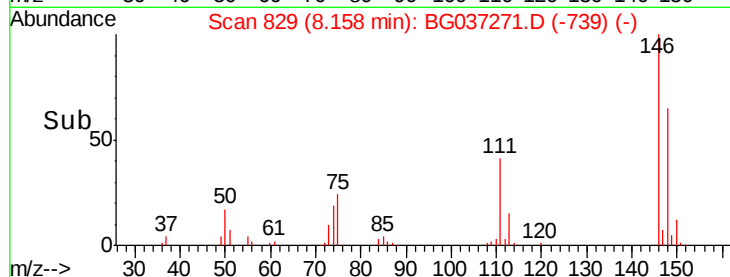
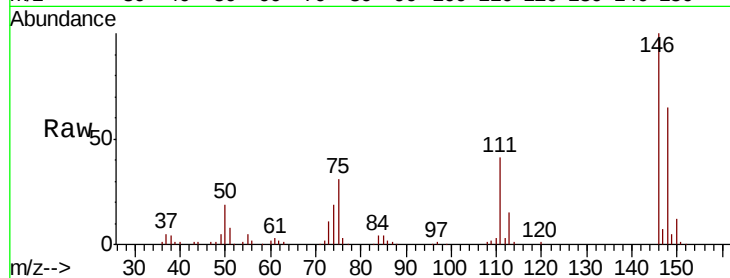
Tgt Ion:146 Resp: 124329

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

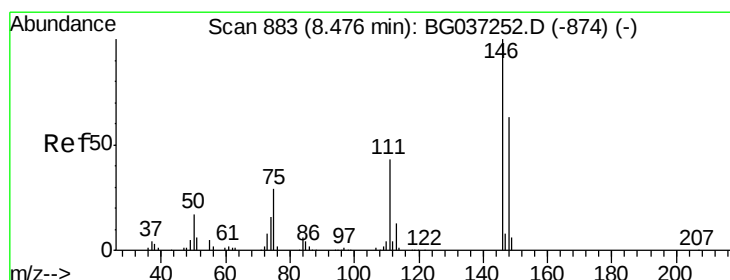
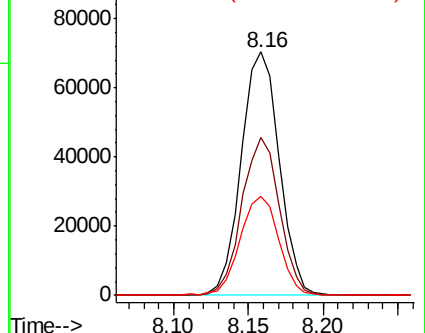
111 40.7 32.4 48.6



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: 30.129 ng

RT: 8.48 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

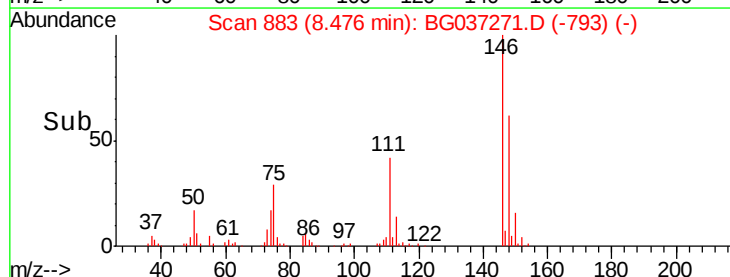
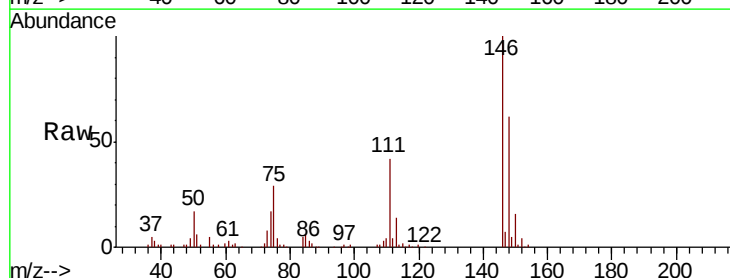
Tgt Ion:146 Resp: 120553

Ion Ratio Lower Upper

146 100

148 61.7 50.4 75.6

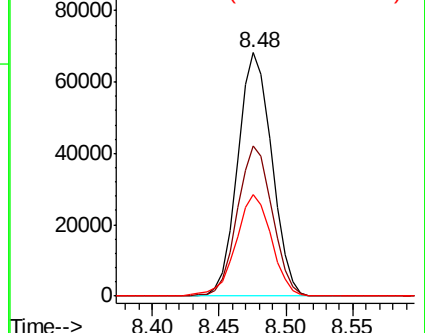
111 41.8 34.6 51.8

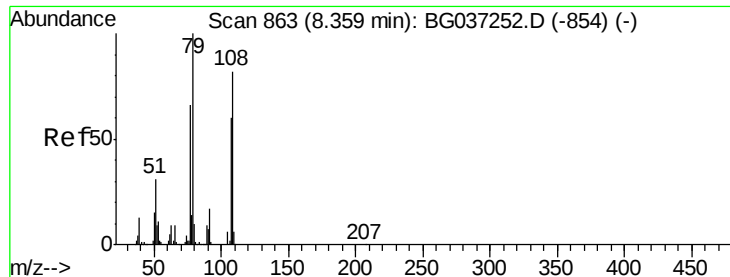


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.932 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

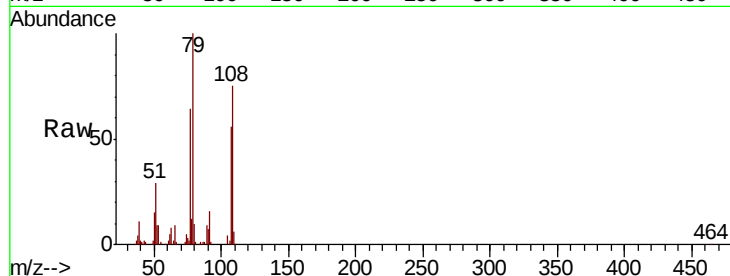
Tgt Ion: 79 Resp: 119421

Ion Ratio Lower Upper

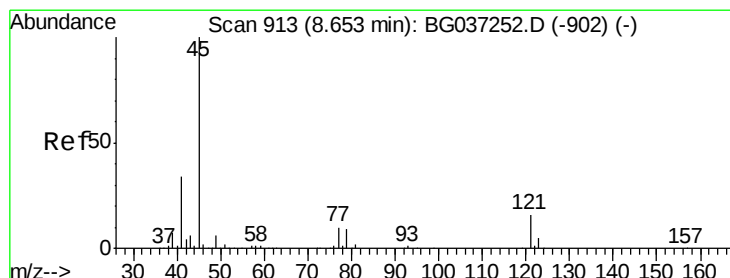
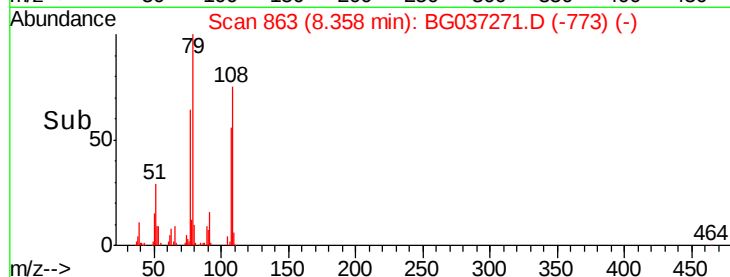
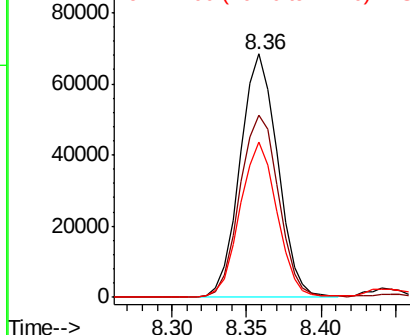
79 100

108 75.0 65.8 98.8

77 63.6 52.9 79.3



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: 30.218 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

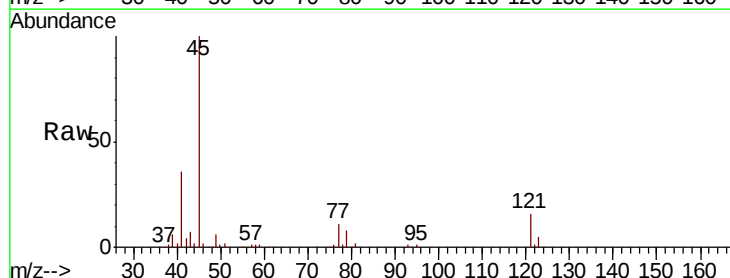
Tgt Ion: 45 Resp: 231267

Ion Ratio Lower Upper

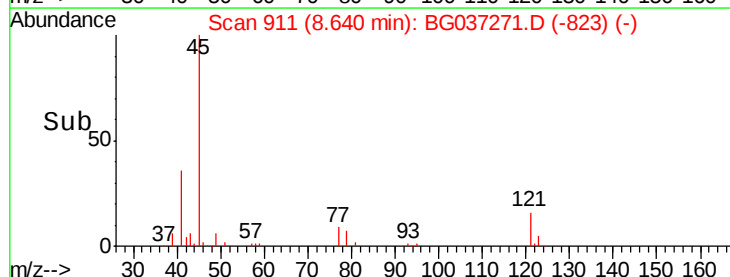
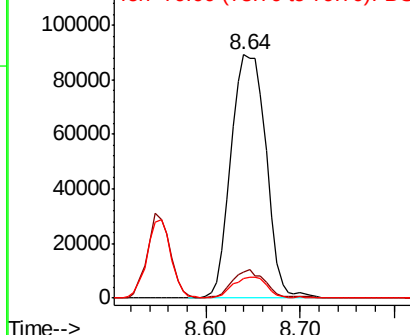
45 100

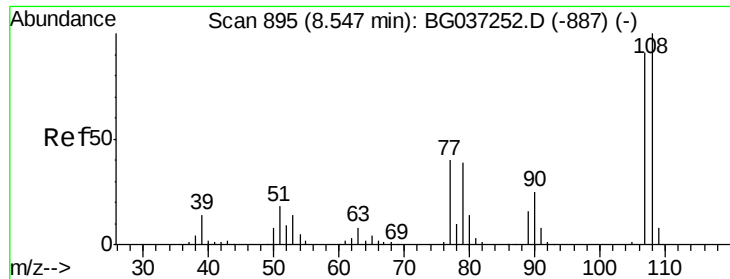
77 10.6 0.0 30.0

79 8.1 0.0 29.0



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

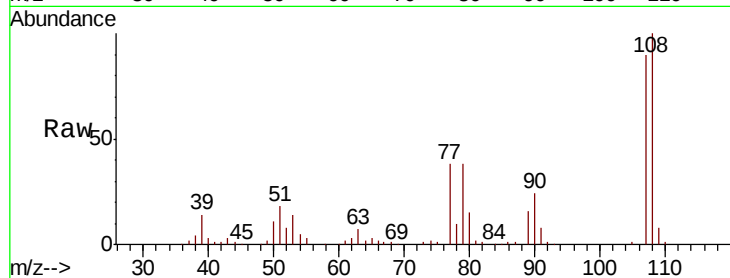




#17
2-Methylphenol
Concen: 37.152 ng
RT: 8.55 min Scan# 896
Delta R.T. 0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:	107	Resp:	117908
Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.9	131.9
77	42.6	35.1	52.7
79	42.9	34.5	51.7



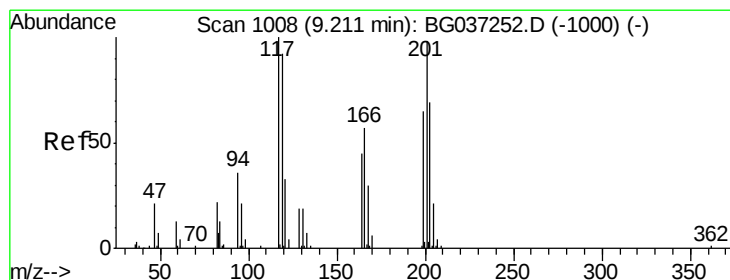
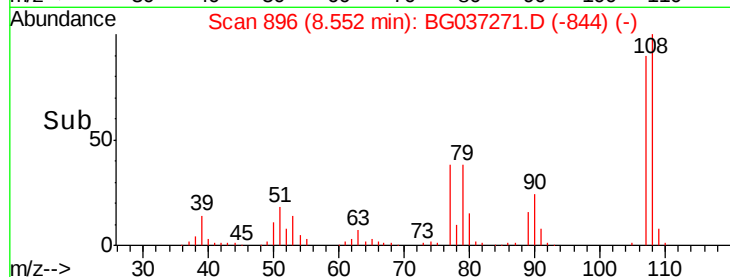
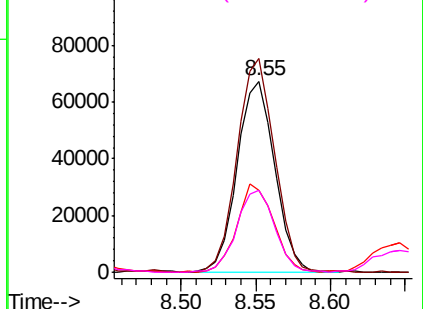
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

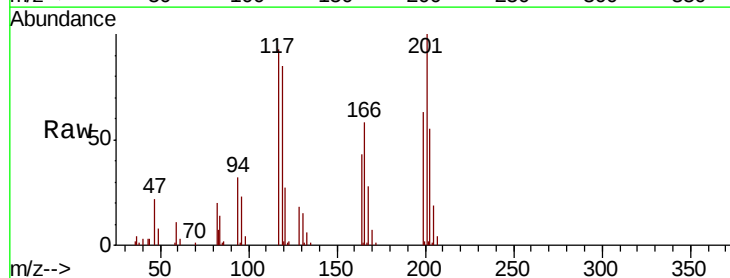
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 30.519 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:	117	Resp:	43012
Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.6	111.8
201	110.0	80.8	121.2

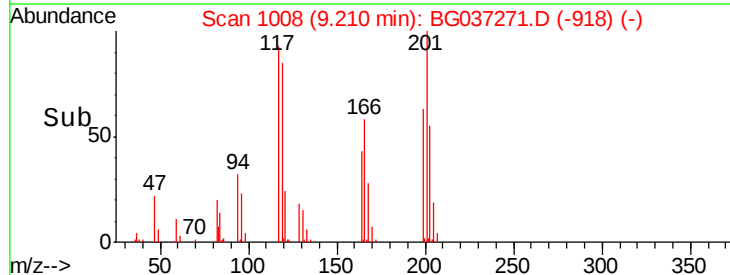
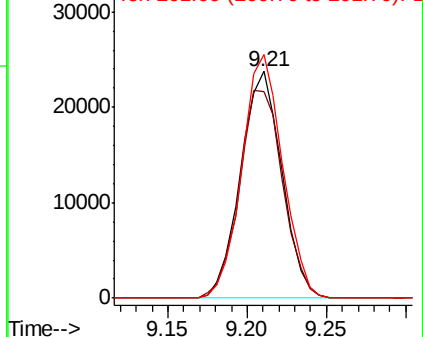


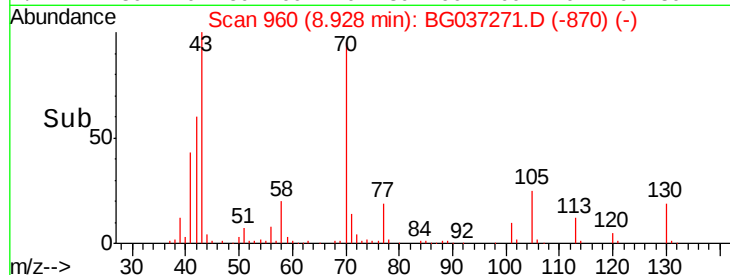
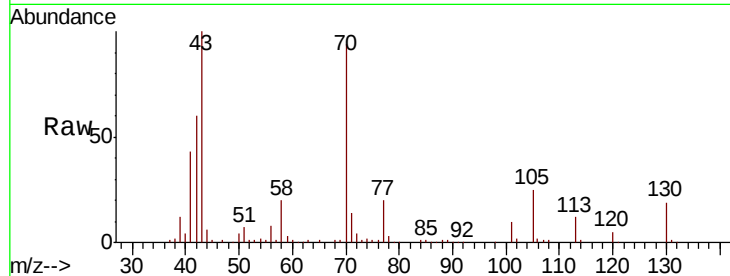
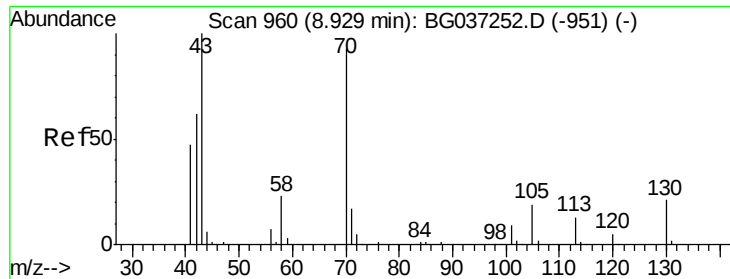
Abundance

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

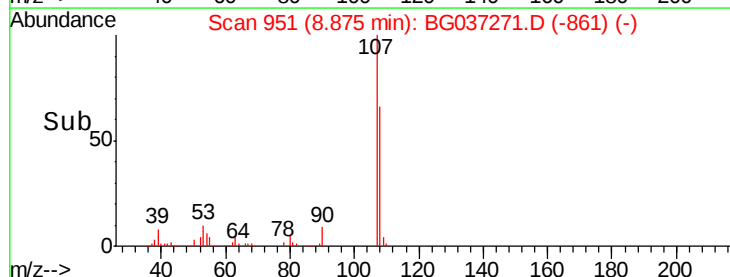
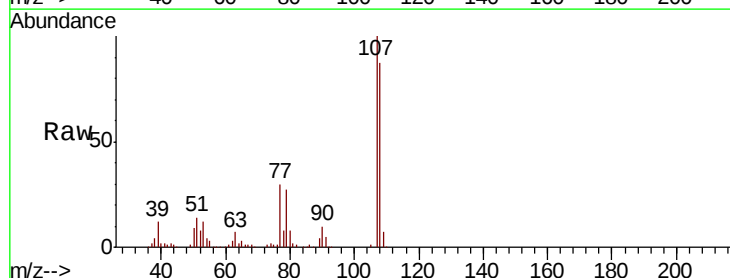
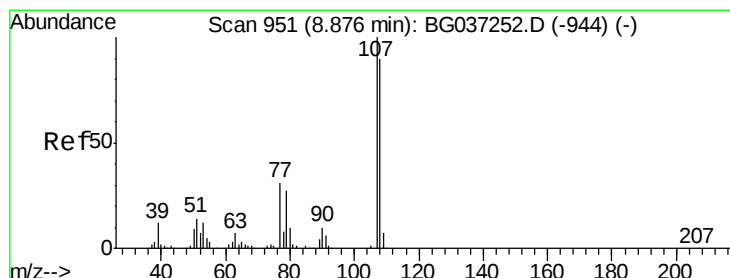
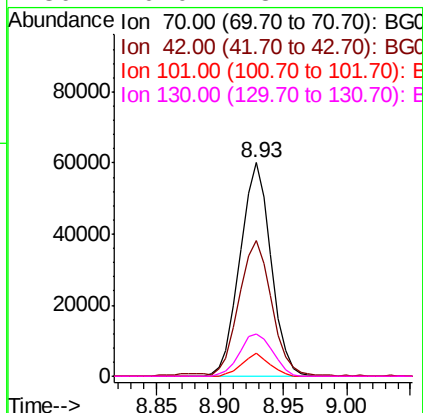




#19
n-Nitroso-di-n-propylamine
Concen: 29.909 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

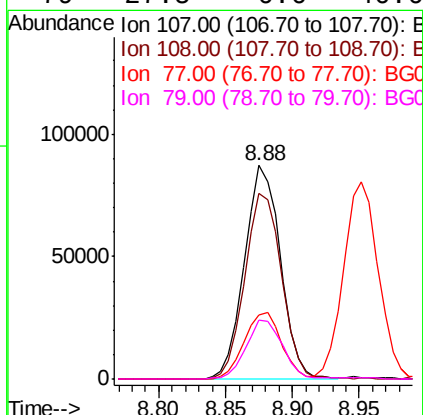
Instrument :
BNA_G
ClientSampleId :
PB113698BS

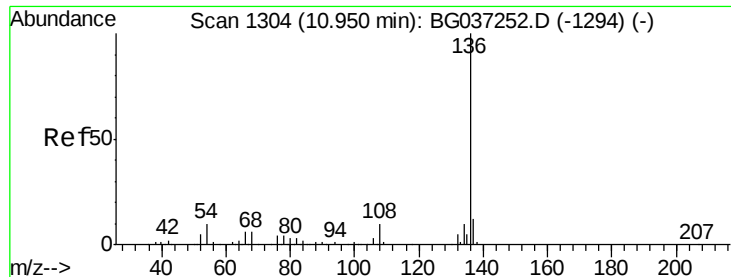
Tgt Ion:	70	Resp:	101882
Ion	Ratio	Lower	Upper
70	100		
42	63.4	53.9	80.9
101	10.7	8.2	12.2
130	20.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 36.554 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:	107	Resp:	162209
Ion	Ratio	Lower	Upper
107	100		
108	86.6	69.9	109.9
77	29.8	11.2	51.2
79	27.5	6.6	46.6

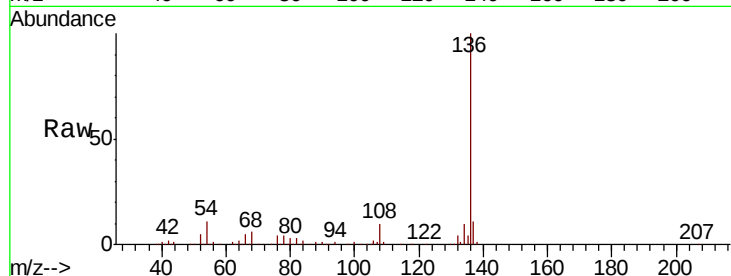




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:	136	Resp:	233747
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.7	7.9	11.9
68	6.5	4.8	7.2



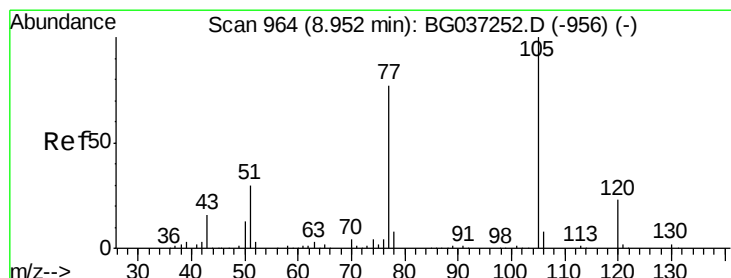
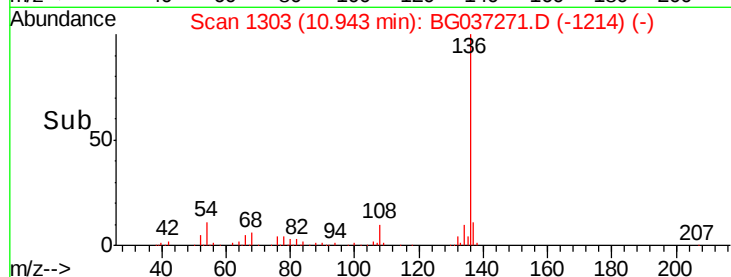
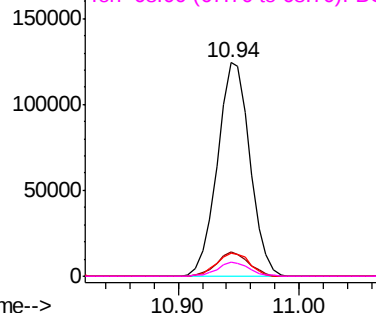
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

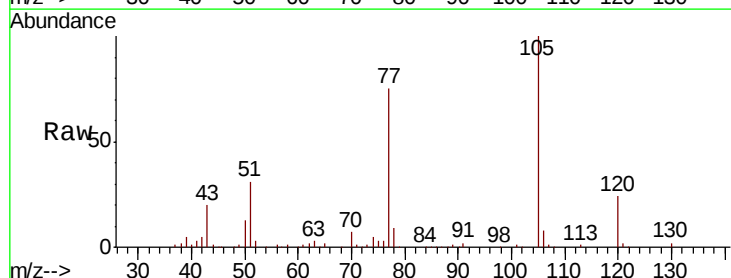
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 32.012 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:	105	Resp:	188623
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.2	1.8#
51	31.4	25.0	37.6
120	24.1	18.6	28.0



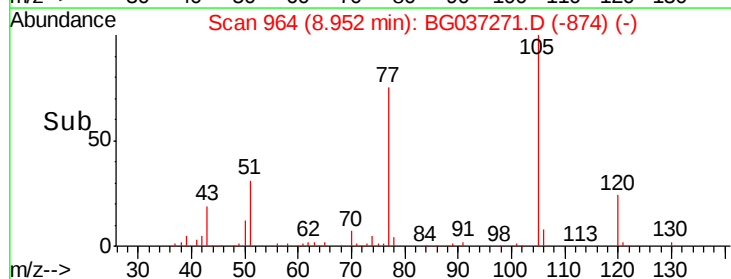
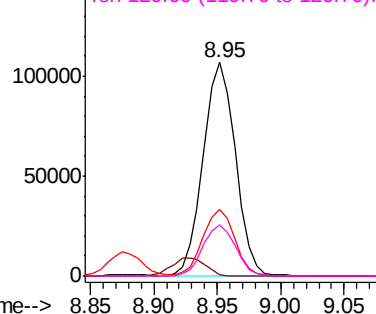
Abundance

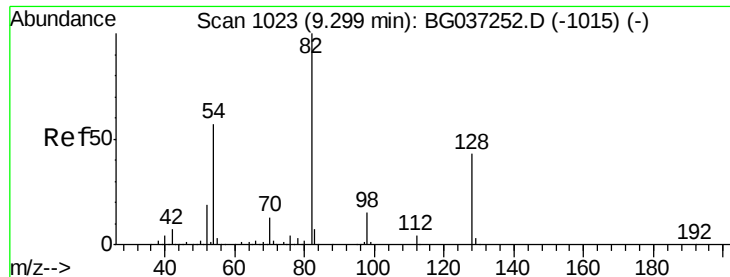
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

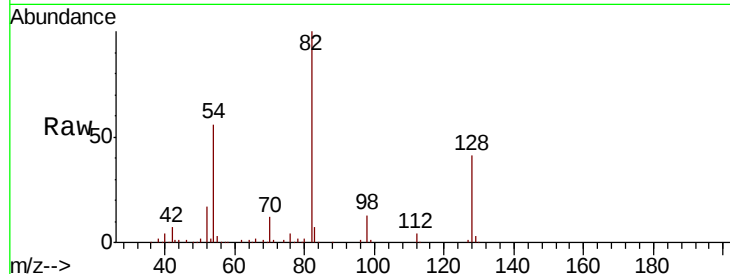




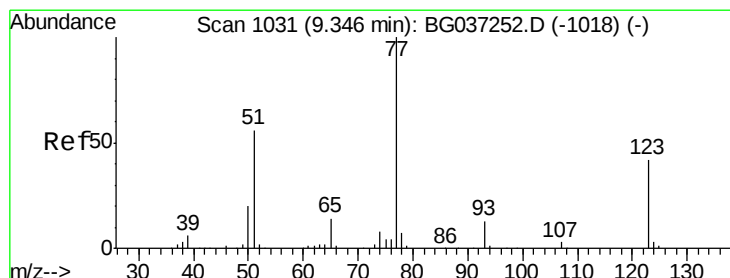
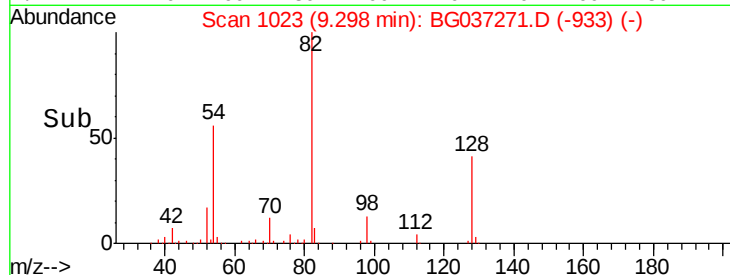
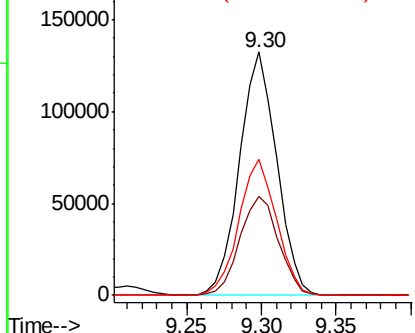
#23
 Nitrobenzene-d5
 Concen: 64.404 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	51.8
54	55.8	45.3	67.9

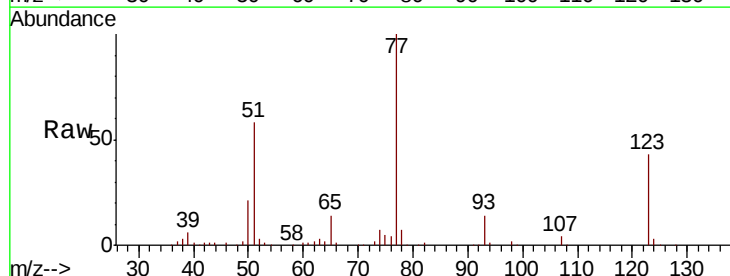


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

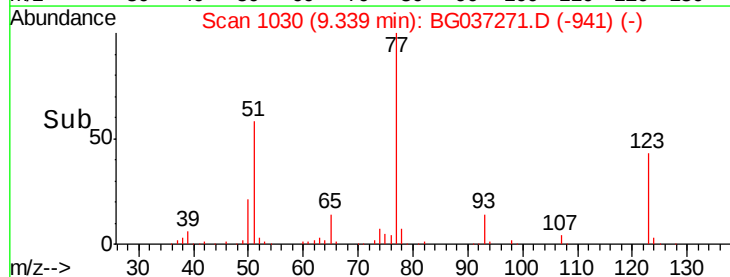
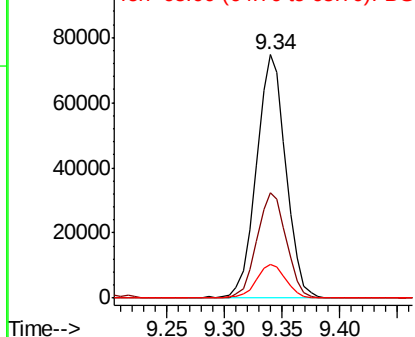


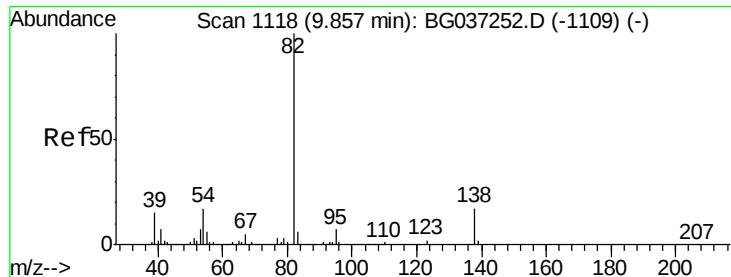
#24
 Nitrobenzene
 Concen: 34.743 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.6	50.4
65	13.7	11.3	16.9



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





#25

Isophorone

Concen: 35.959 ng

RT: 9.86 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

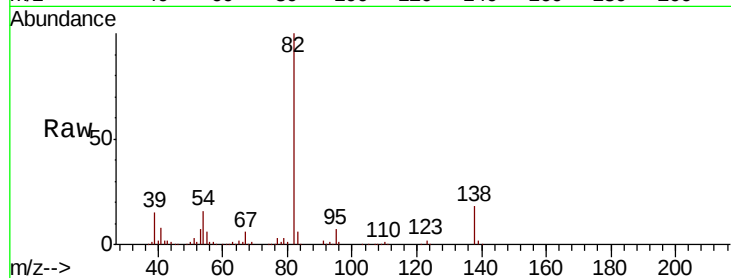
Tgt Ion: 82 Resp: 291858

Ion Ratio Lower Upper

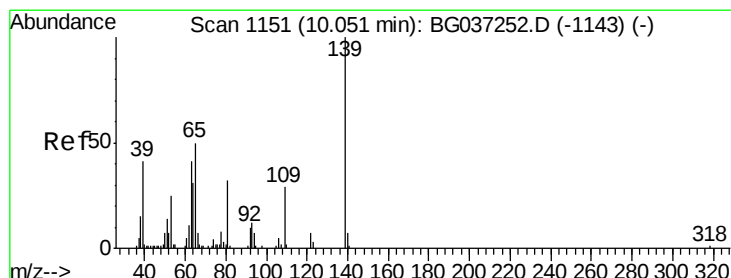
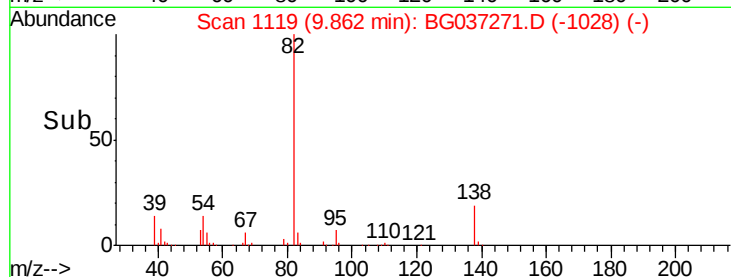
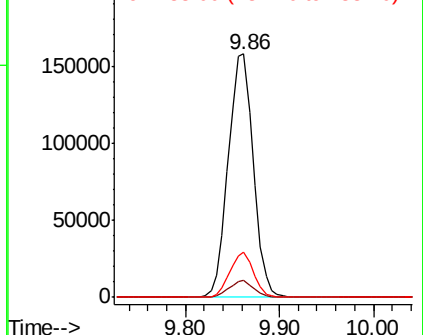
82 100

95 7.0 5.3 7.9

138 18.3 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 33.030 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

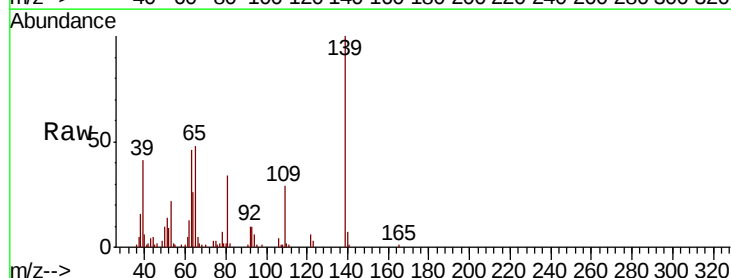
Tgt Ion: 139 Resp: 42079

Ion Ratio Lower Upper

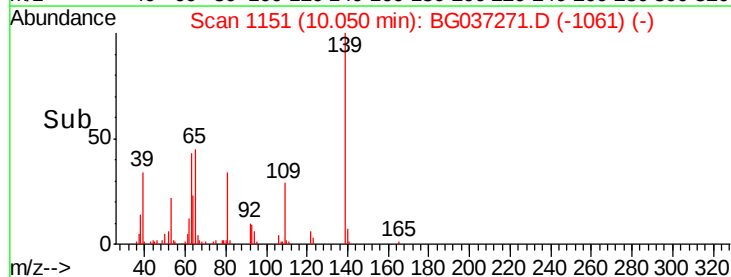
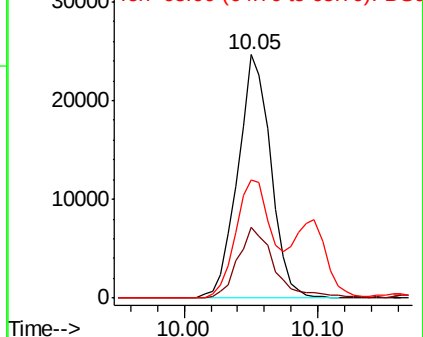
139 100

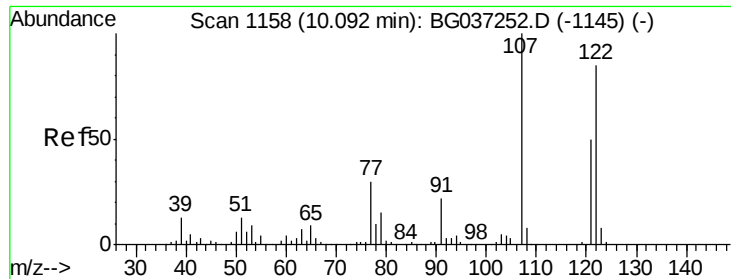
109 29.2 23.3 34.9

65 48.3 39.8 59.8



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

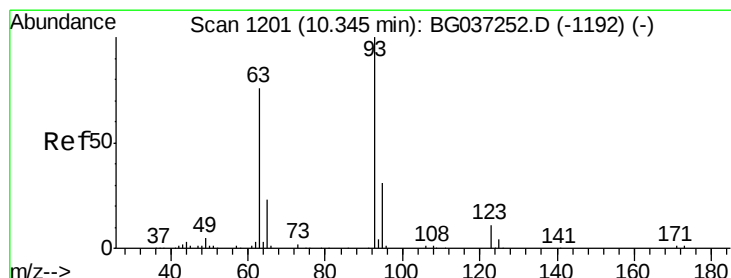
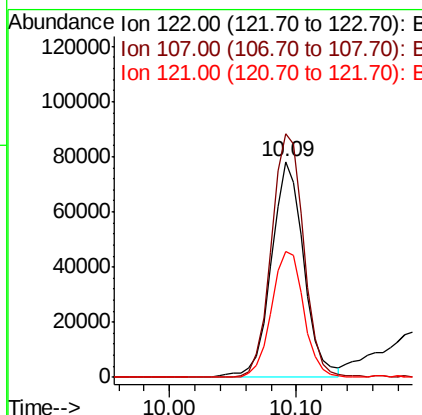
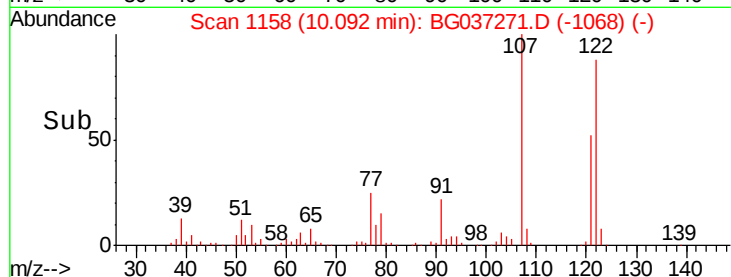
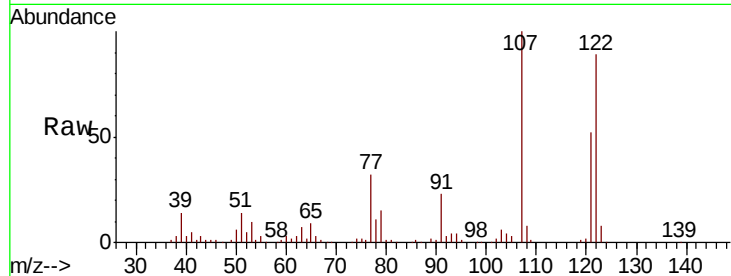




#27
2,4-Dimethylphenol
Concen: 40.995 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

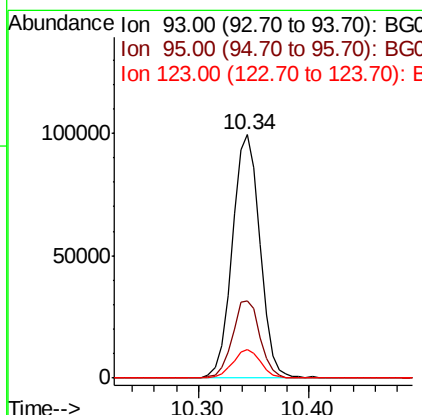
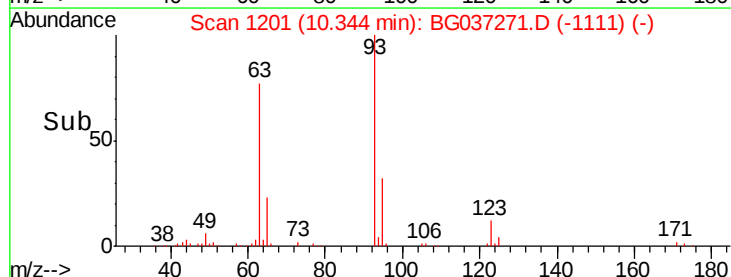
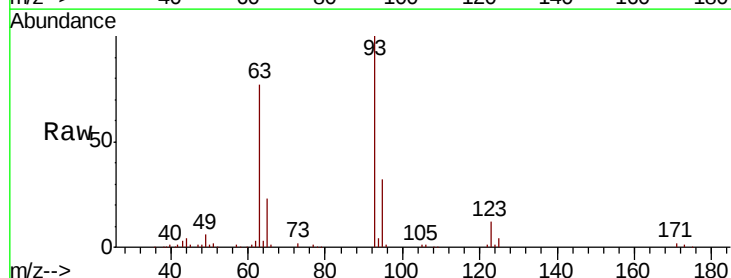
Instrument :
BNA_G
ClientSampleId :
PB113698BS

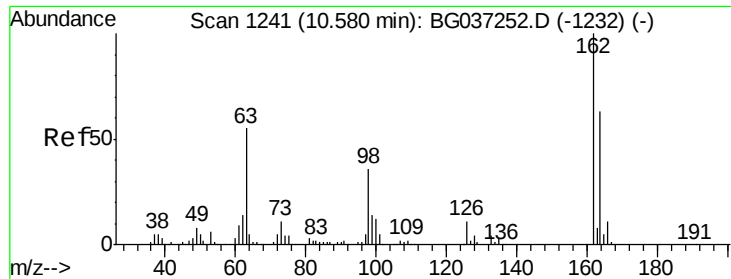
Tgt Ion: 122 Resp: 139076
Ion Ratio Lower Upper
122 100
107 113.0 94.2 141.2
121 58.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 34.399 ng
RT: 10.34 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion: 93 Resp: 174676
Ion Ratio Lower Upper
93 100
95 31.9 24.6 37.0
123 11.5 9.1 13.7

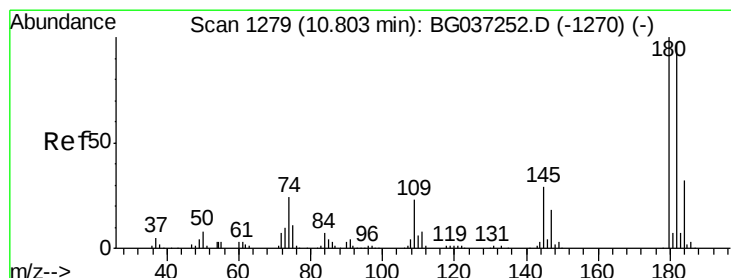
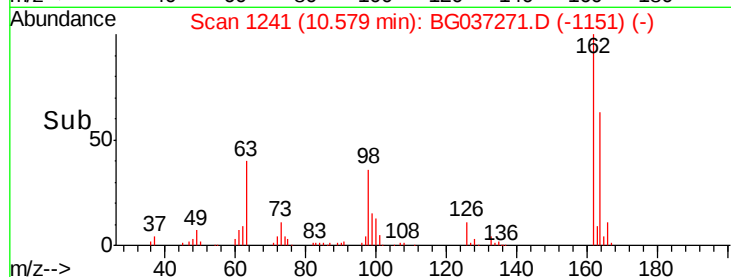
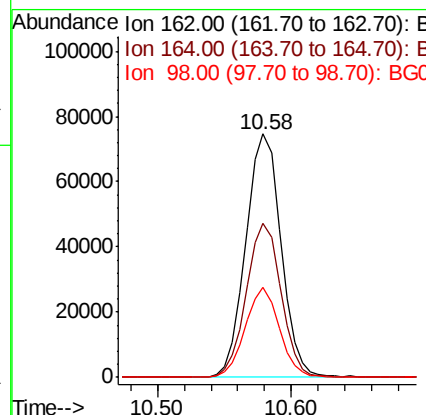
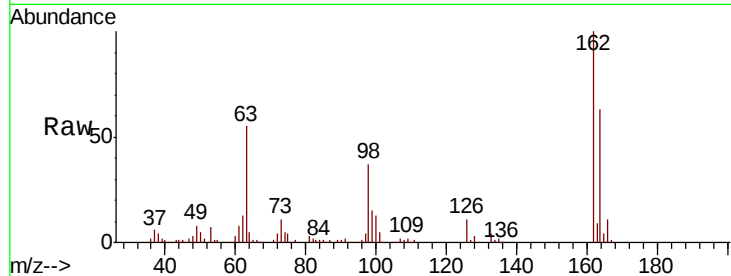




#29
 2,4-Dichlorophenol
 Concen: 39.518 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

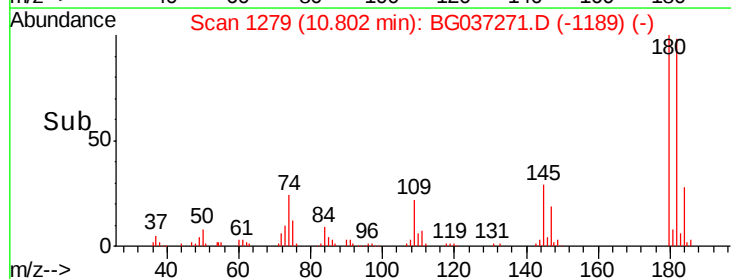
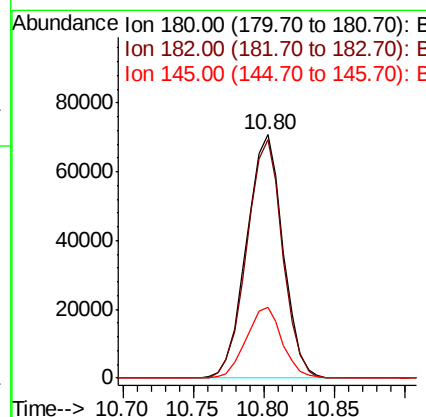
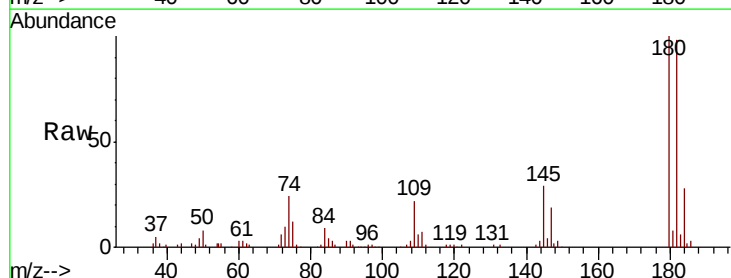
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

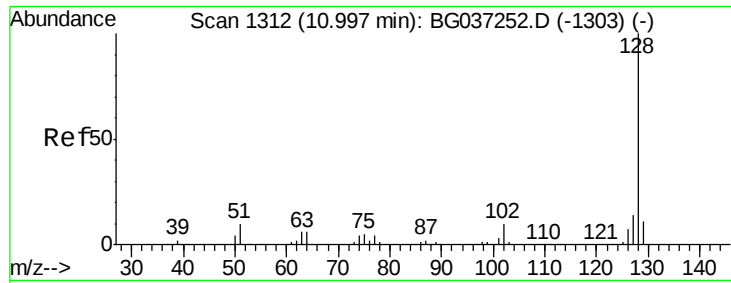
Tgt Ion:162 Resp: 136089
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.2 83.2
 98 36.8 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 30.494 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:180 Resp: 127787
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.7 116.5
 145 29.0 23.3 34.9

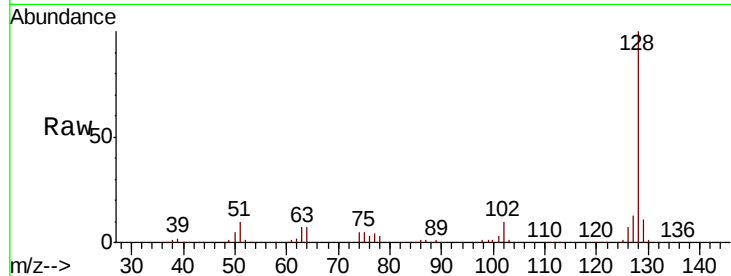




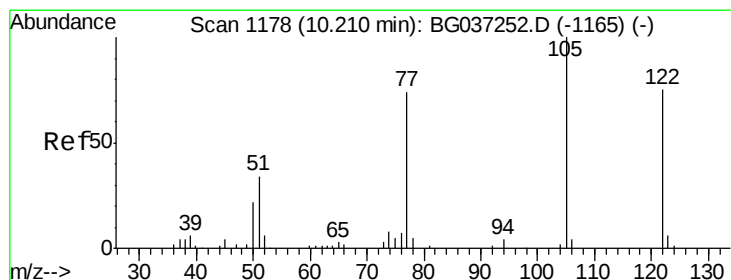
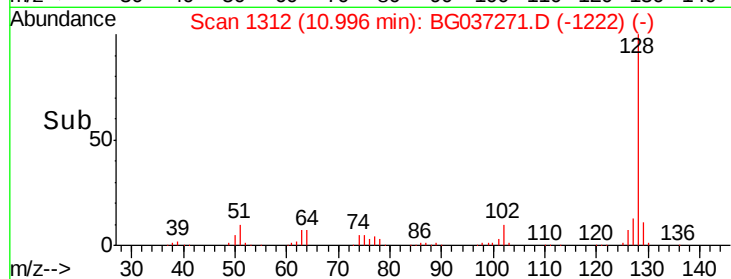
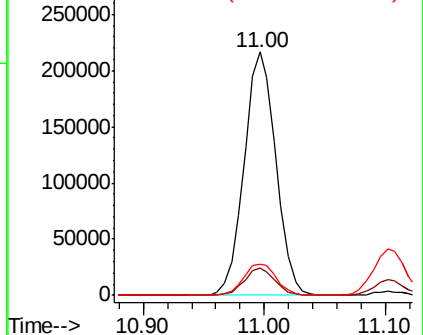
#31
Naphthalene
Concen: 34.768 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:128 Resp: 394967
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 11.1 16.7

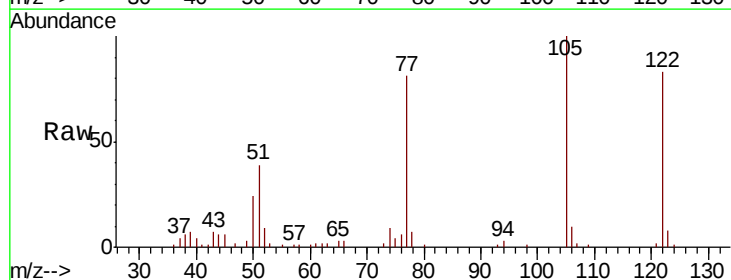


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

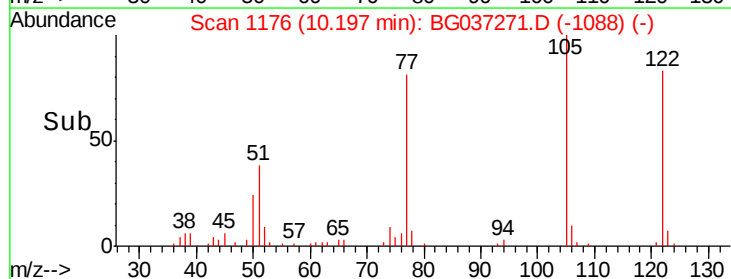
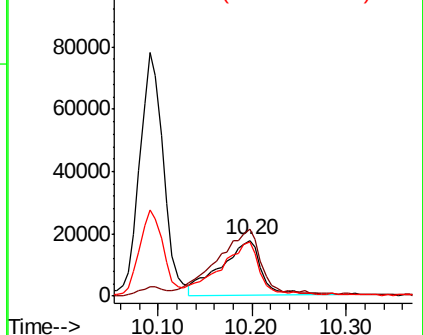


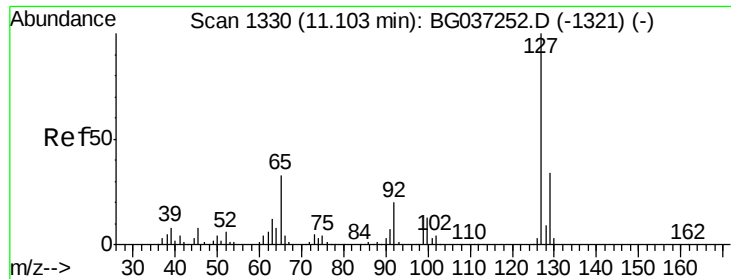
#32
Benzoic acid
Concen: 28.124 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:122 Resp: 52684
Ion Ratio Lower Upper
122 100
105 121.1 106.7 146.7
77 98.6 72.2 112.2



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

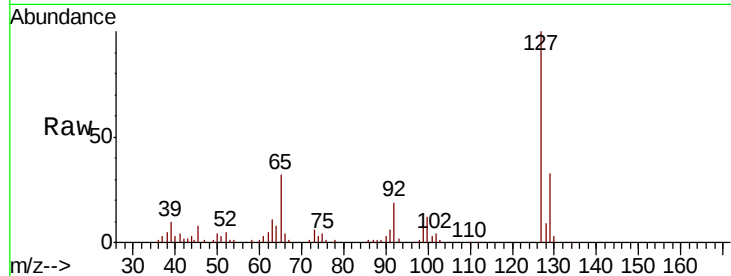




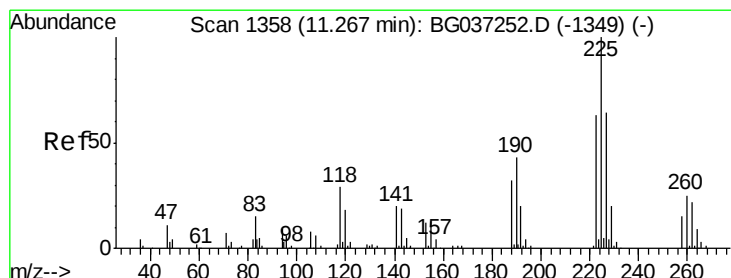
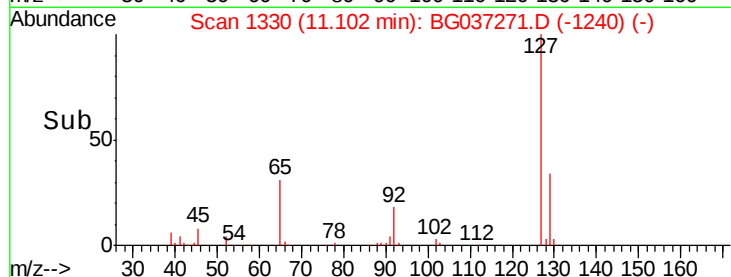
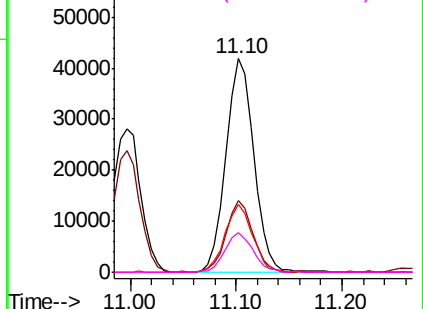
#33
4-Chloroaniline
Concen: 14.409 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:	127	Resp:	76787
Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.1	40.7
65	31.8	26.6	39.8
92	18.6	16.4	24.6

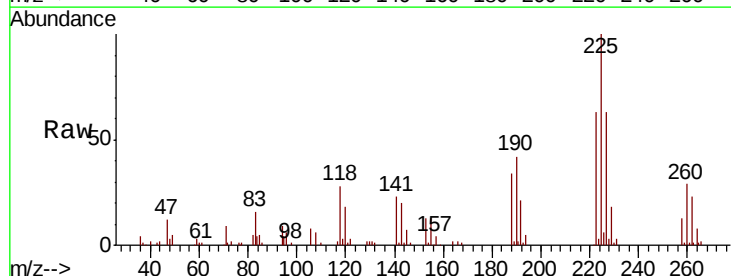


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

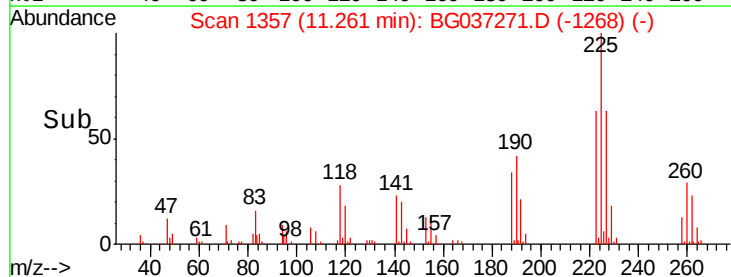
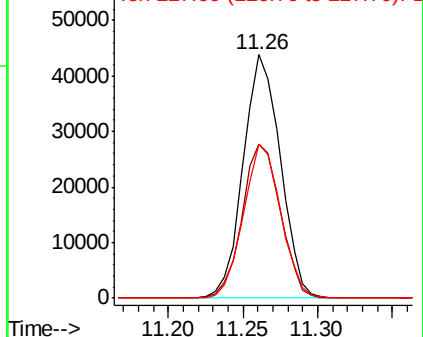


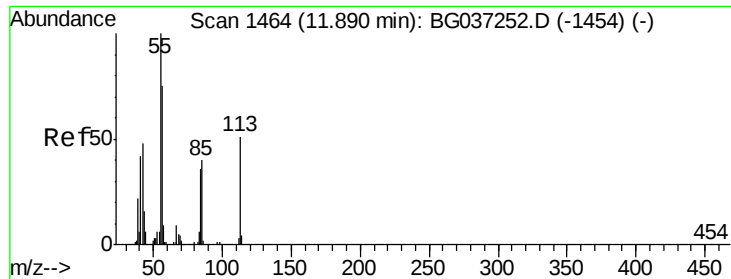
#34
Hexachlorobutadiene
Concen: 28.948 ng
RT: 11.26 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:	225	Resp:	75331
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.2	72.4
227	62.5	51.6	77.4



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

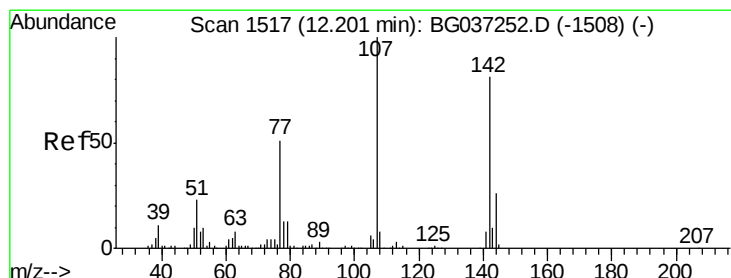
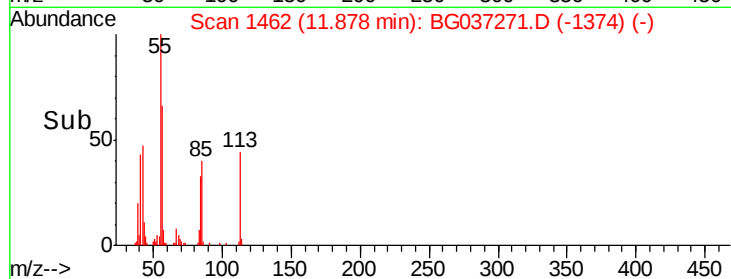
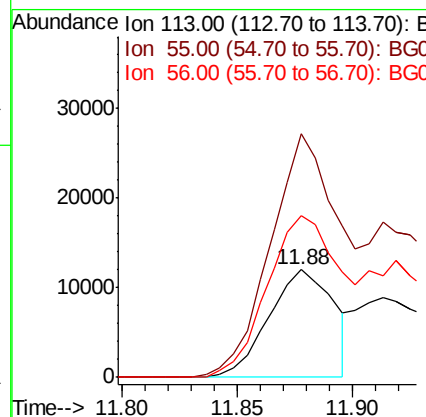
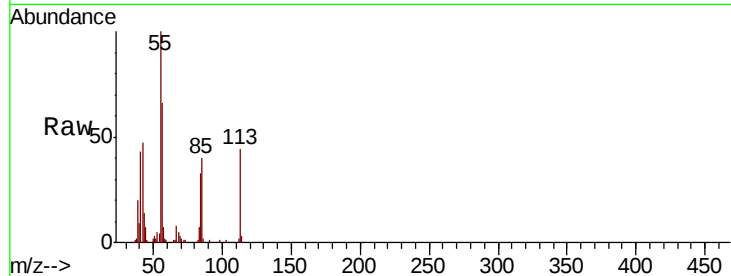




#35
 Caprolactam
 Concen: 16.666 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

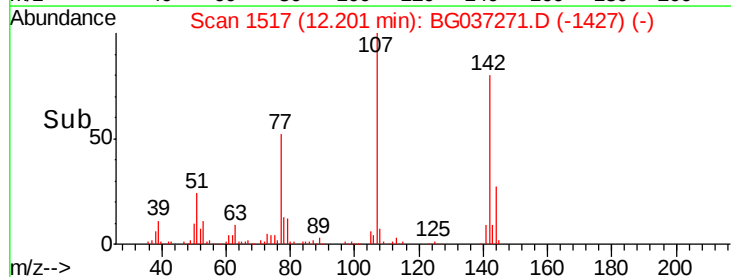
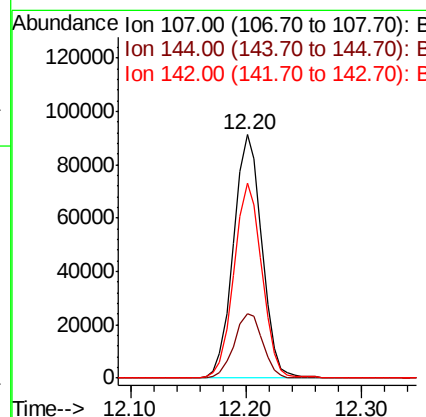
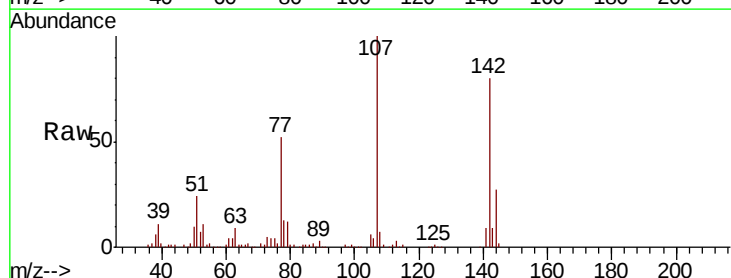
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

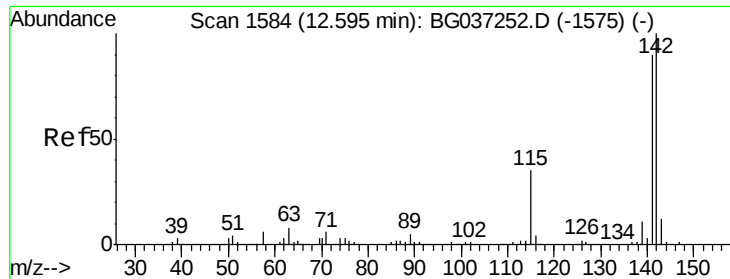
Tgt Ion:113 Resp: 23398
 Ion Ratio Lower Upper
 113 100
 55 226.1 176.6 216.6#
 56 149.7 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.404 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:107 Resp: 156193
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 80.3 64.4 96.6

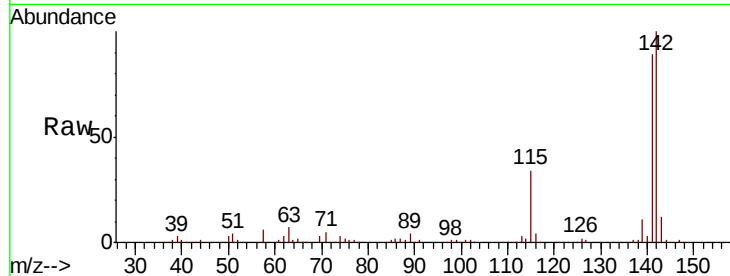




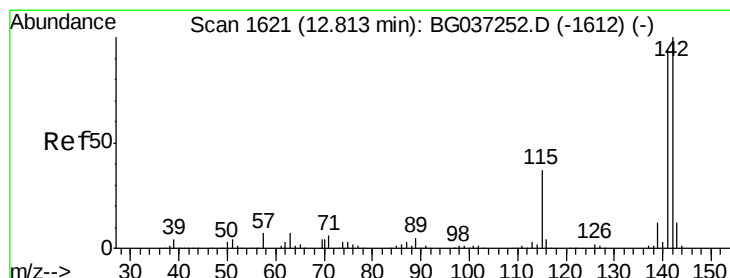
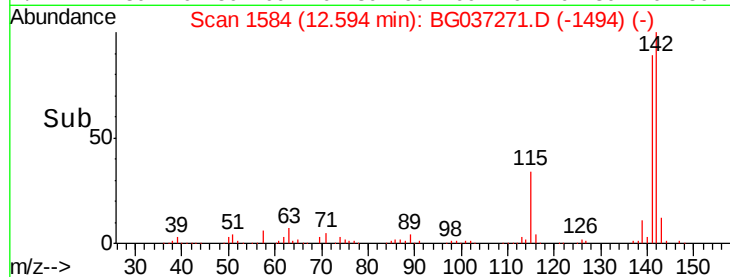
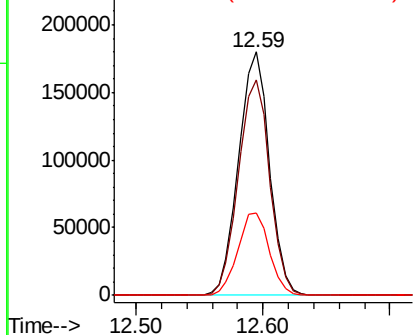
#37
 2-Methylnaphthalene
 Concen: 36.530 ng
 RT: 12.59 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

Tgt Ion:142 Resp: 302840
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 33.8 27.8 41.8

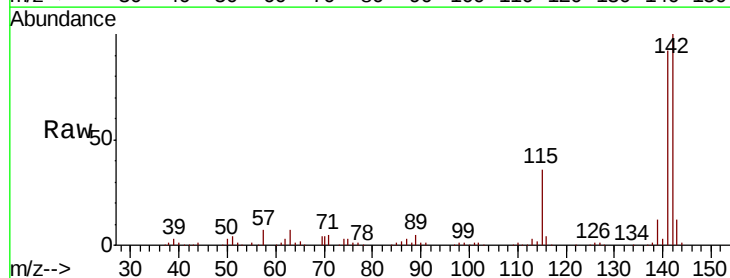


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

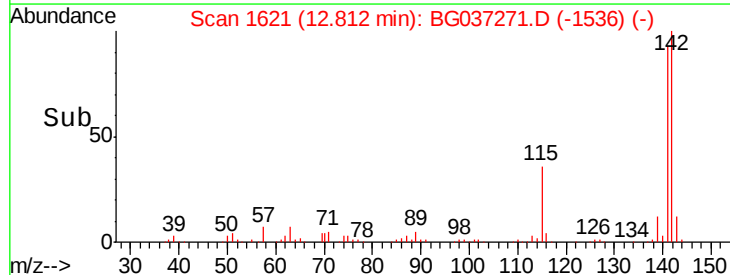
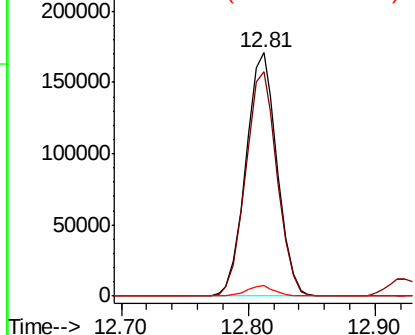


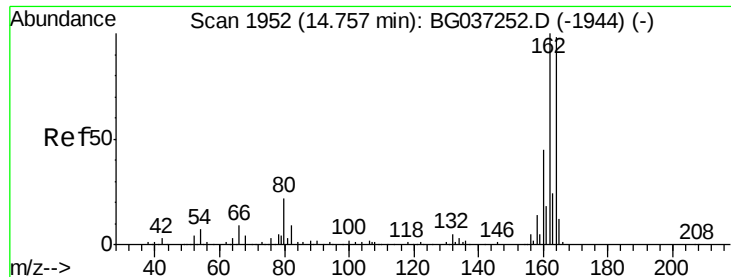
#38
 1-Methylnaphthalene
 Concen: 35.966 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:142 Resp: 291212
 Ion Ratio Lower Upper
 142 100
 141 92.4 75.2 112.8
 116 4.3 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

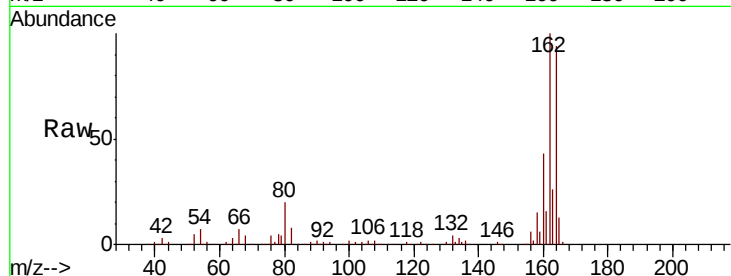
Tgt Ion:164 Resp: 158212

Ion Ratio Lower Upper

164 100

162 106.3 81.3 121.9

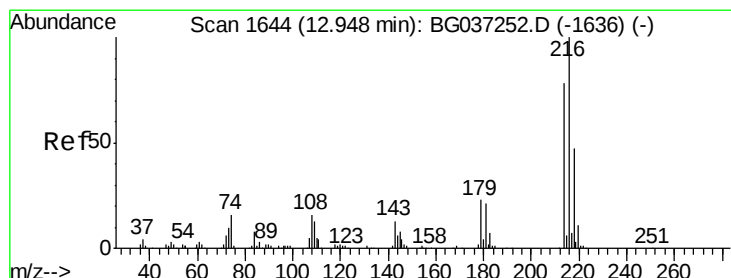
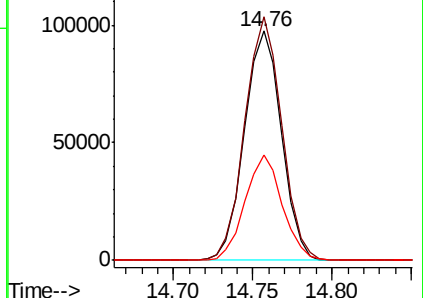
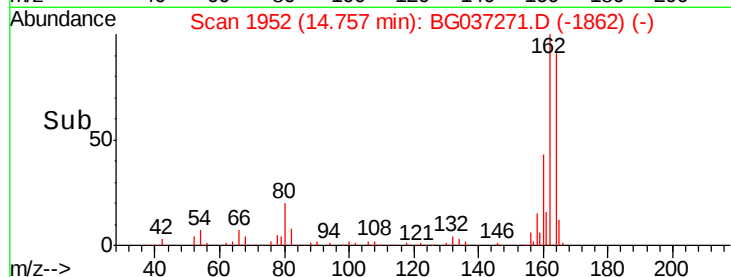
160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.761 ng

RT: 12.95 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Tgt Ion:216 Resp: 152480

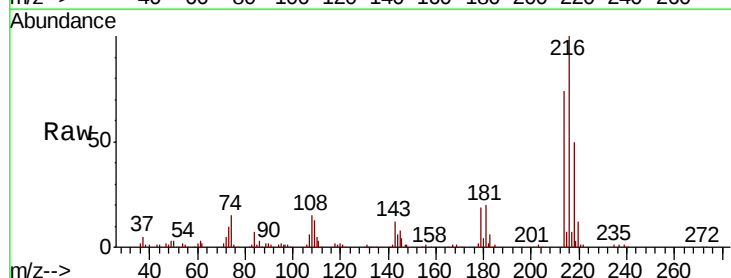
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 20.5 17.4 26.0

108 19.9 13.9 20.9

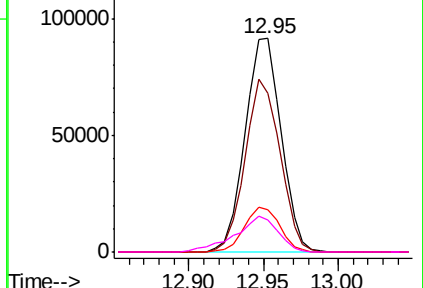
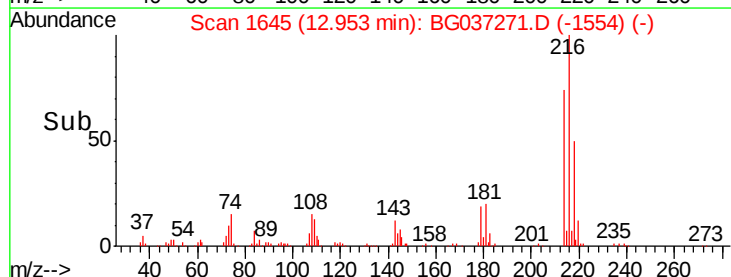


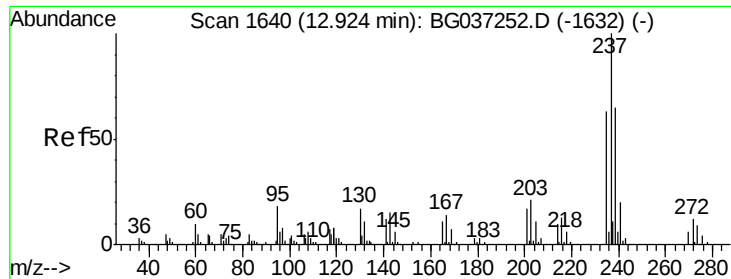
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 74.717 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

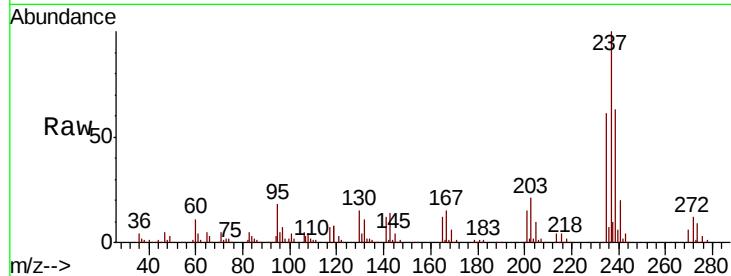
Tgt Ion: 237 Resp: 157818

Ion Ratio Lower Upper

237 100

235 61.4 42.5 82.5

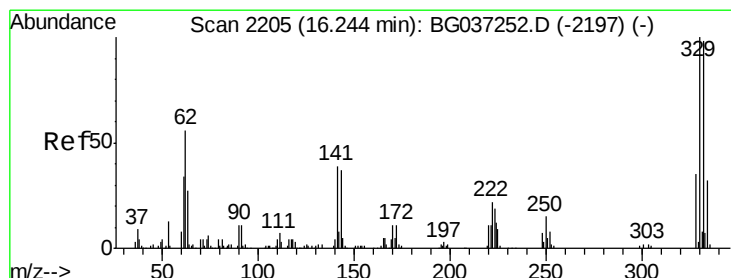
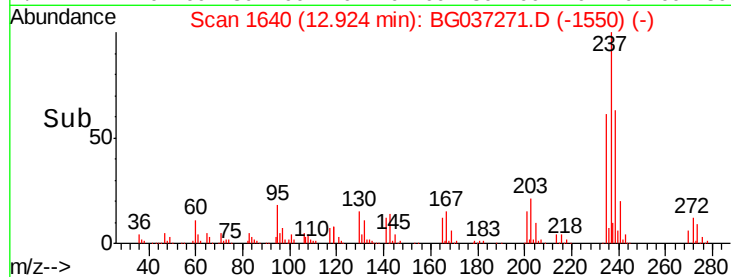
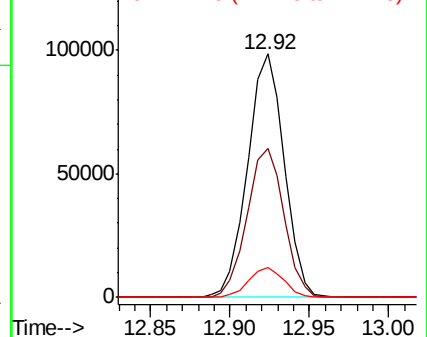
272 12.1 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 99.383 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

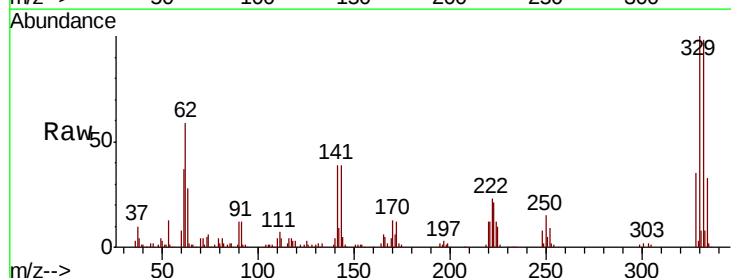
Tgt Ion: 330 Resp: 154205

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

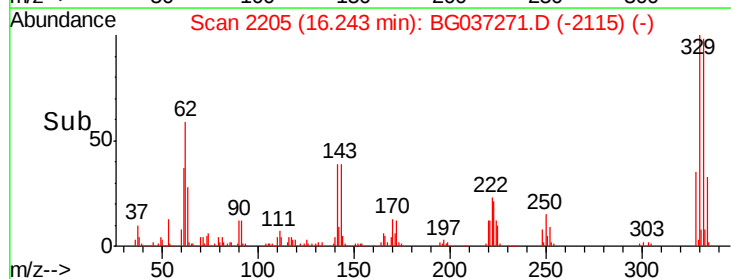
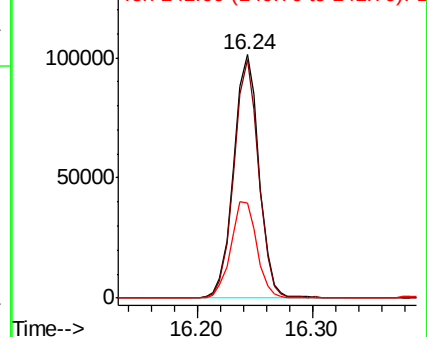
141 40.3 32.2 48.2

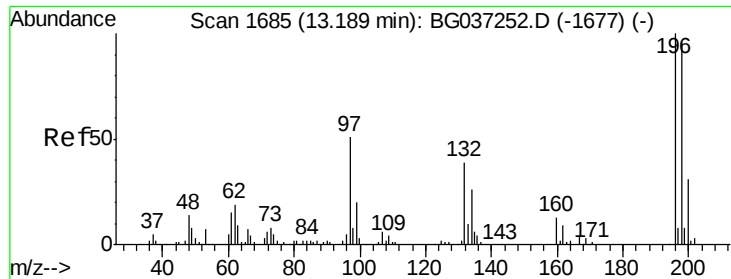


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

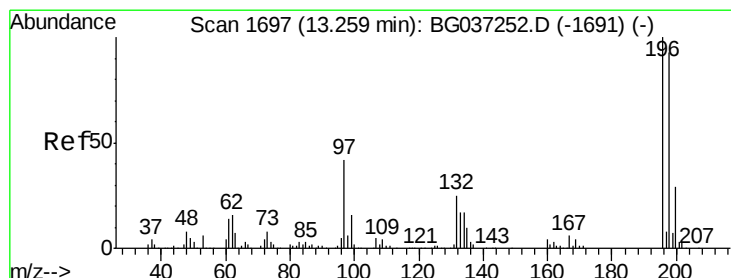
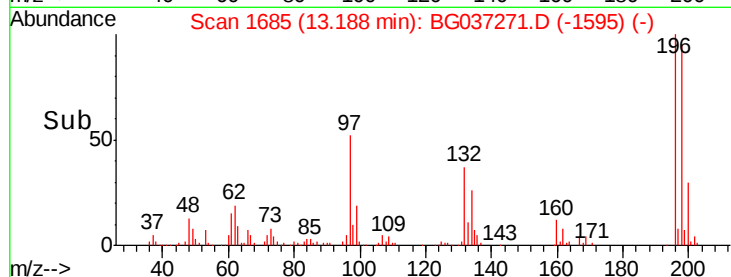
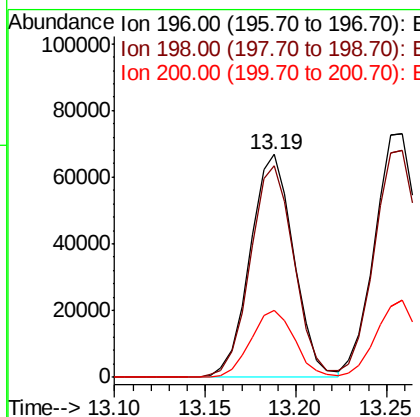
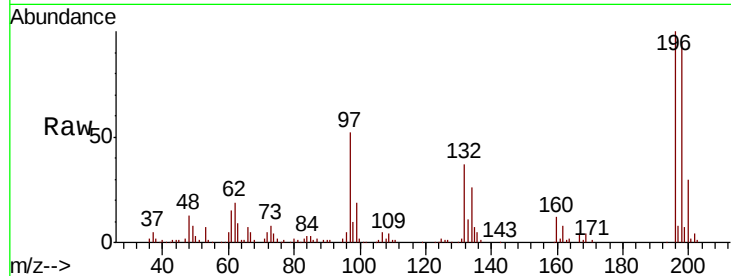




#43
 2,4,6-Trichlorophenol
 Concen: 37.586 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

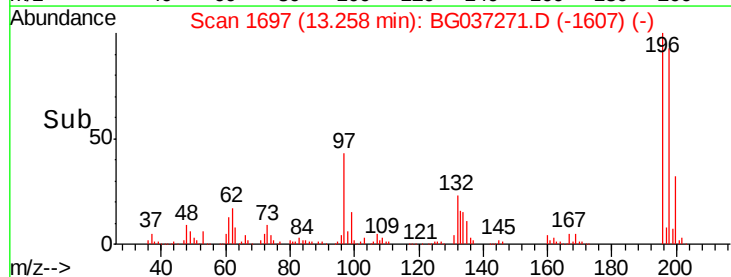
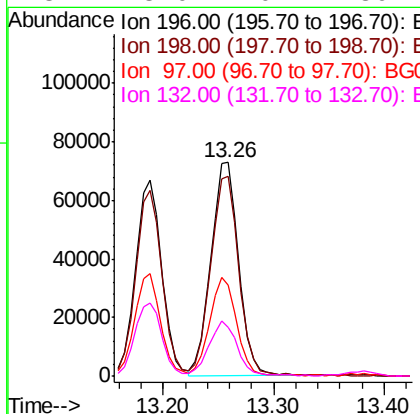
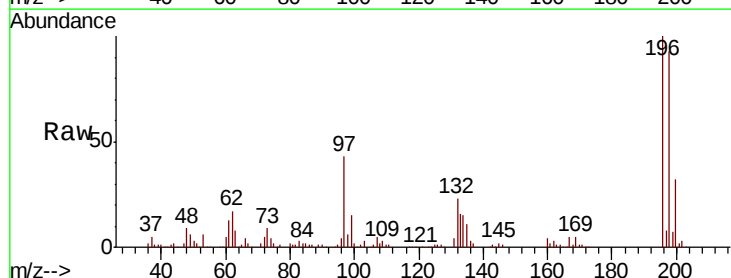
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

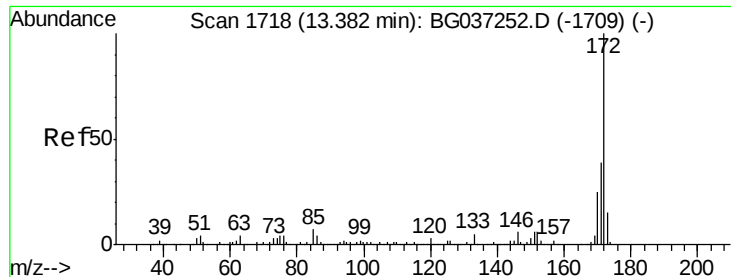
Tgt Ion:196 Resp: 111714
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.4 114.6
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.307 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:196 Resp: 125702
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.2 111.2
 97 42.5 34.1 51.1
 132 23.0 20.2 30.4

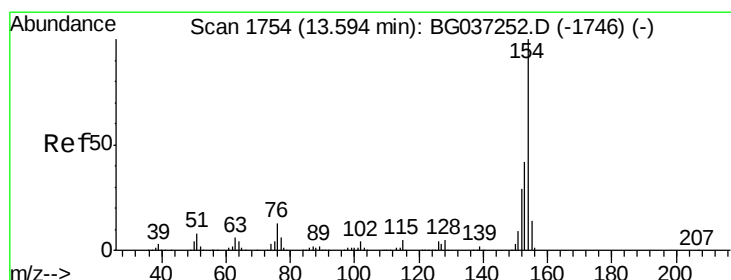
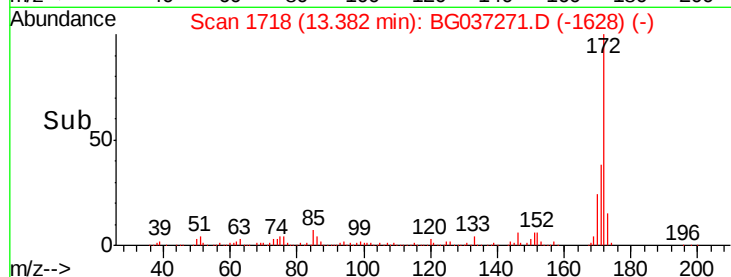
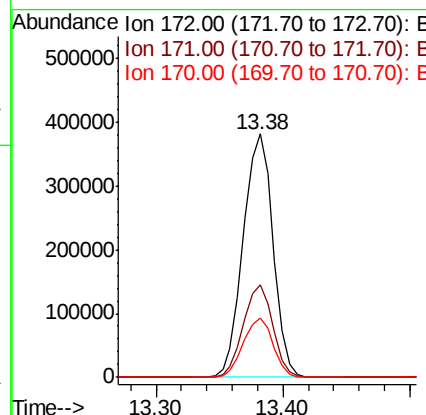
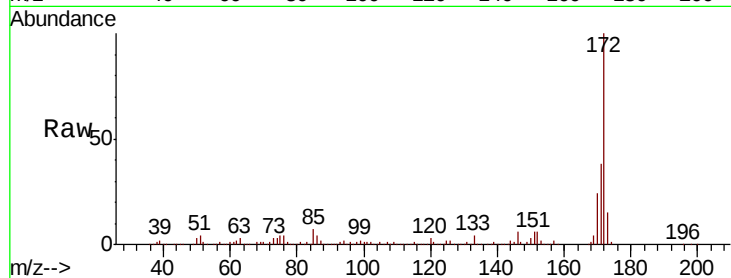




#45
 2-Fluorobiphenyl
 Concen: 58.990 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

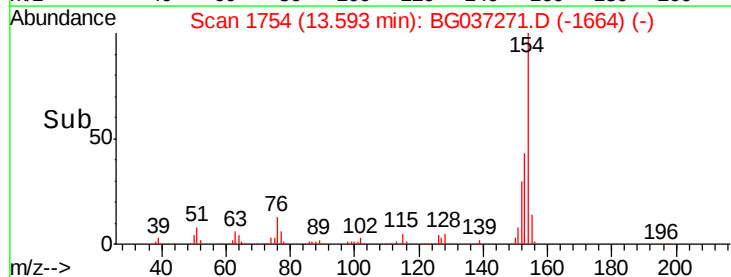
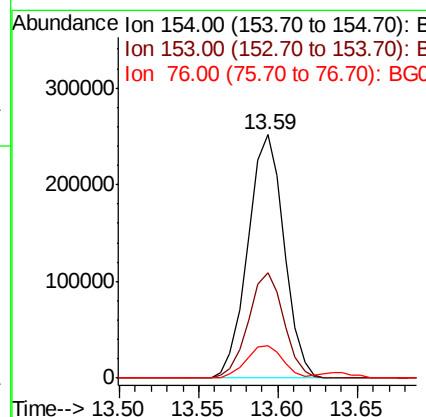
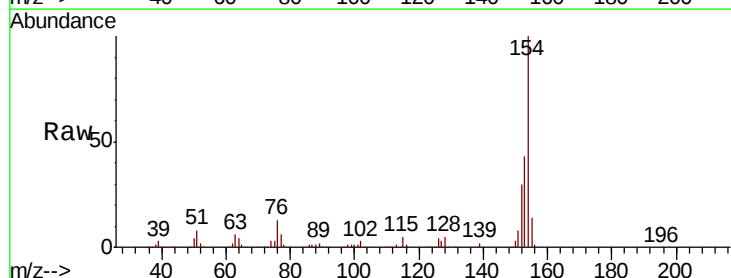
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

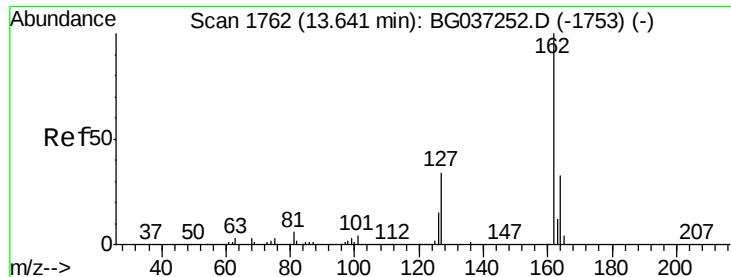
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.3	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 30.587 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.1	62.1
76	13.4	0.0	33.2

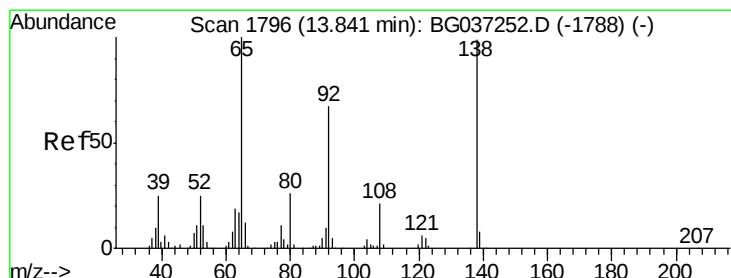
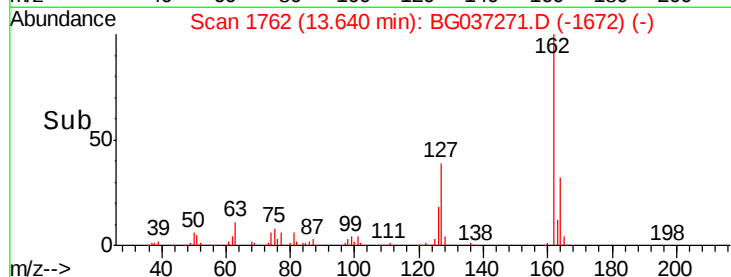
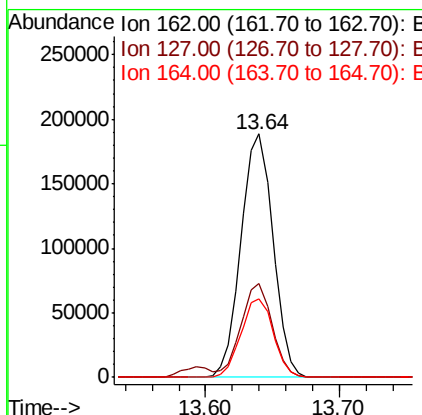
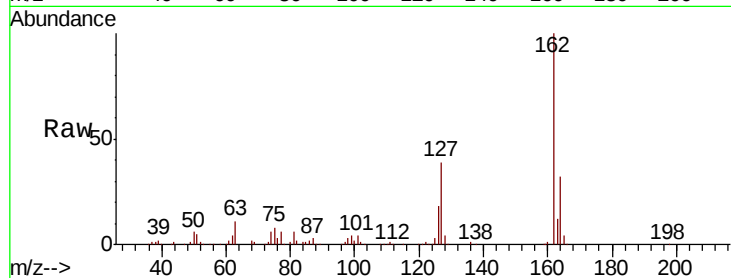




#47
 2-Chloronaphthalene
 Concen: 31.791 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

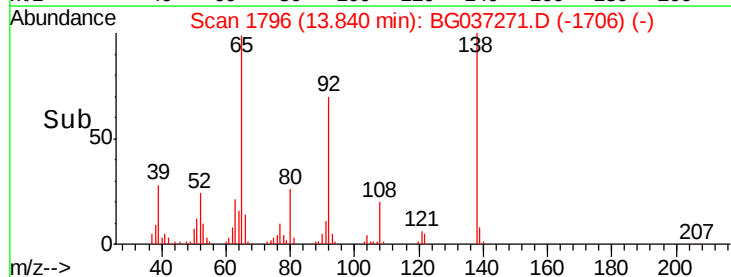
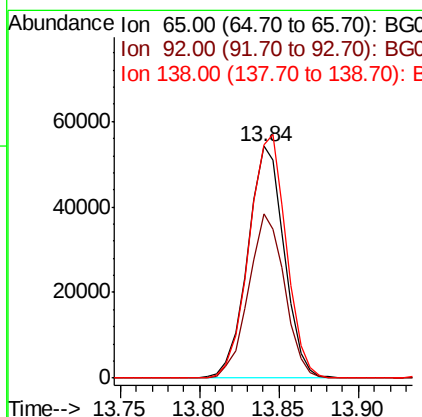
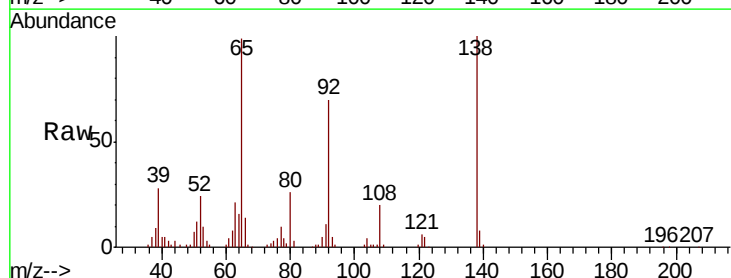
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

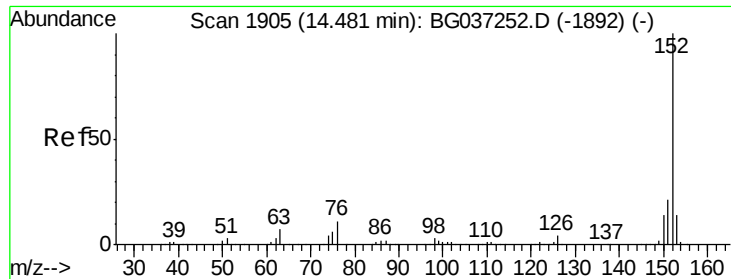
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	32.4	26.4	39.6



#48
 2-Nitroaniline
 Concen: 34.358 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.2	79.8
138	100.9	79.3	118.9





#49

Acenaphthylene

Concen: 35.480 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

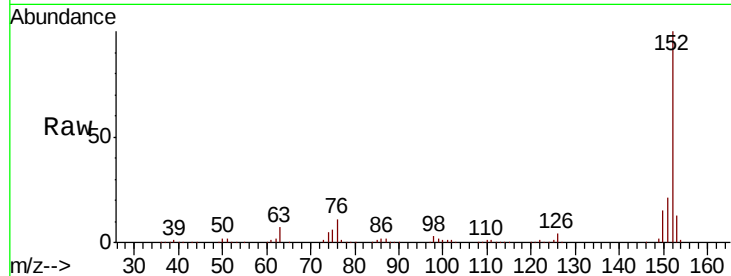
Tgt Ion:152 Resp: 533567

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

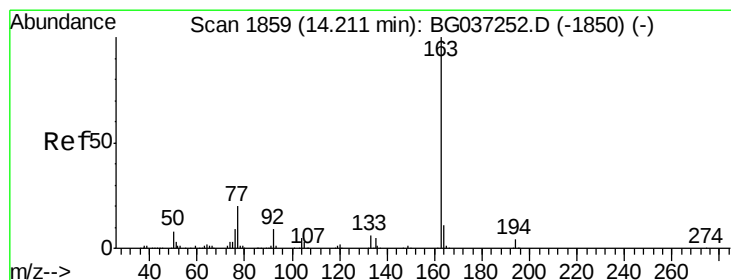
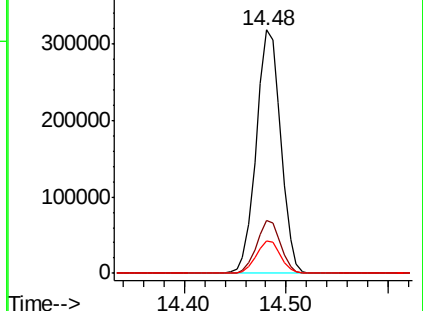
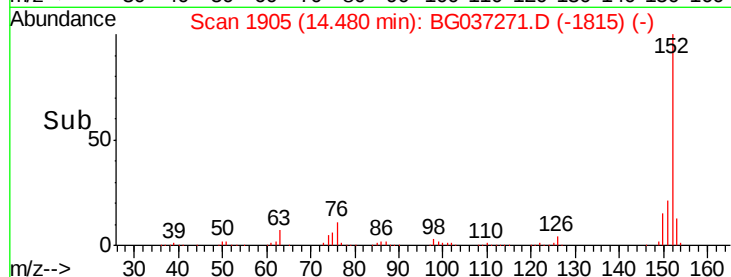
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.528 ng

RT: 14.20 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

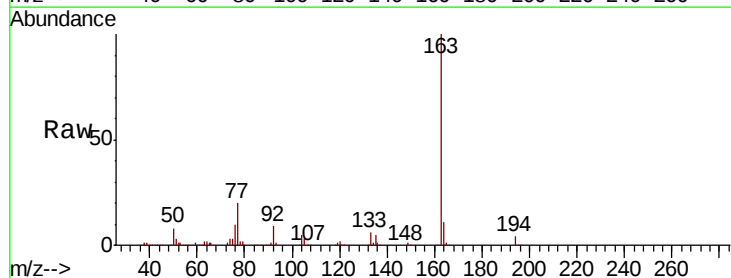
Tgt Ion:163 Resp: 441732

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

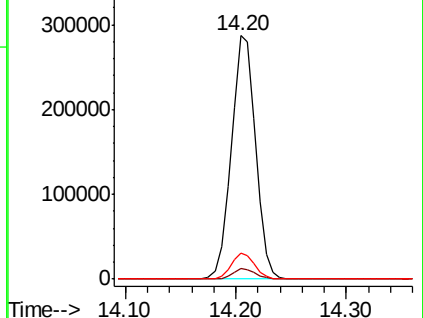
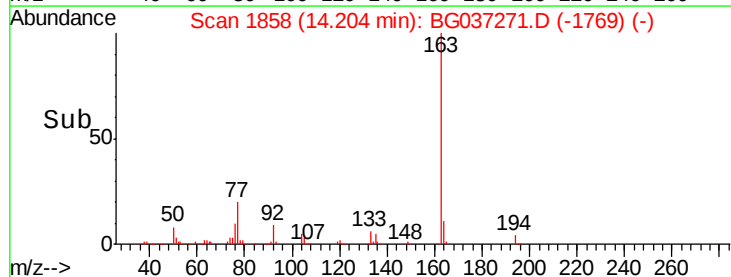
164 10.6 8.5 12.7

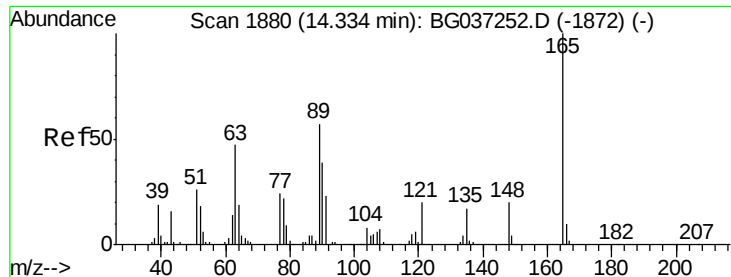


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

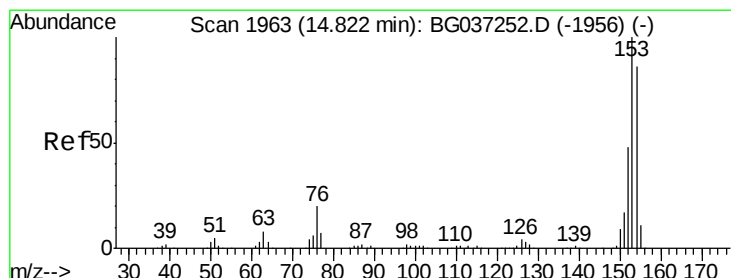
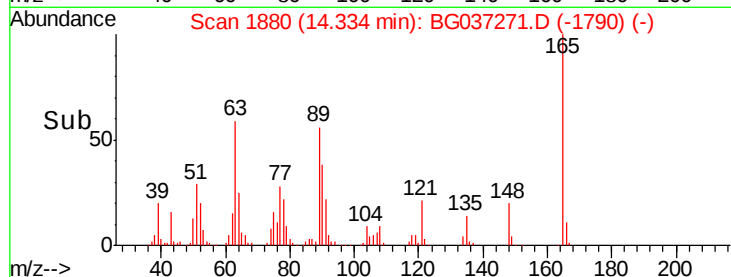
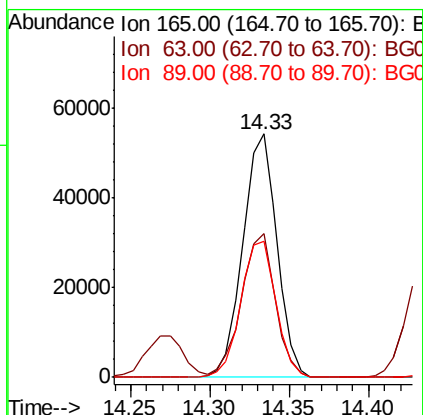
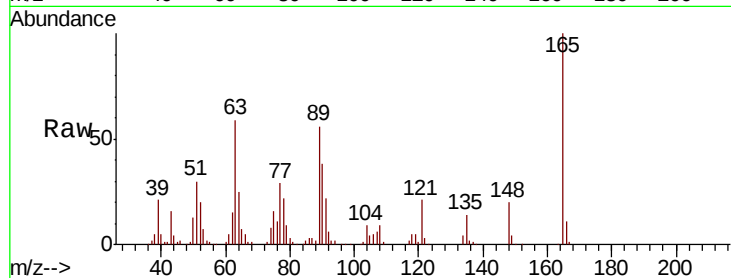




#51
 2,6-Dinitrotoluene
 Concen: 35.005 ng
 RT: 14.33 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

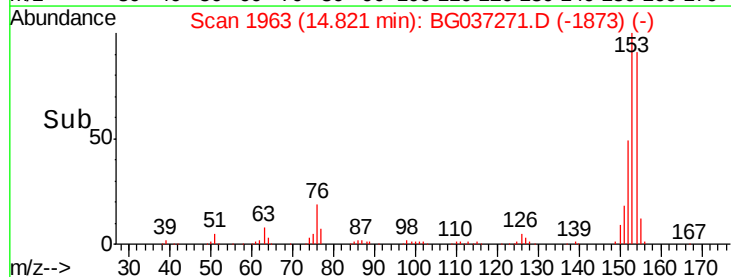
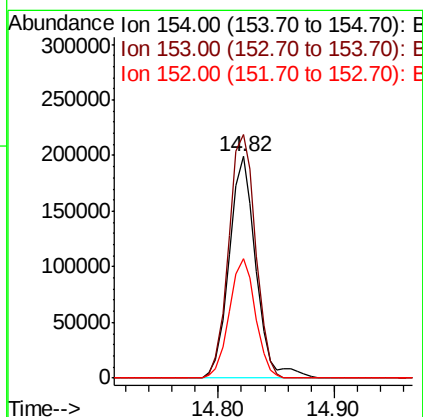
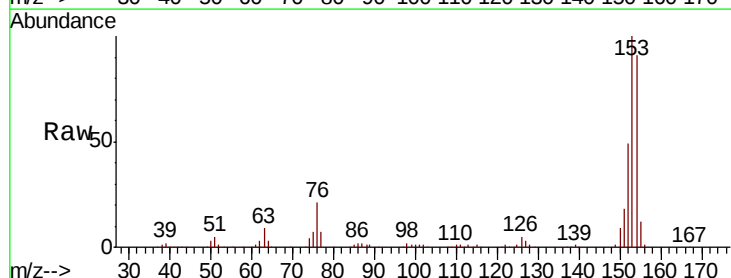
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

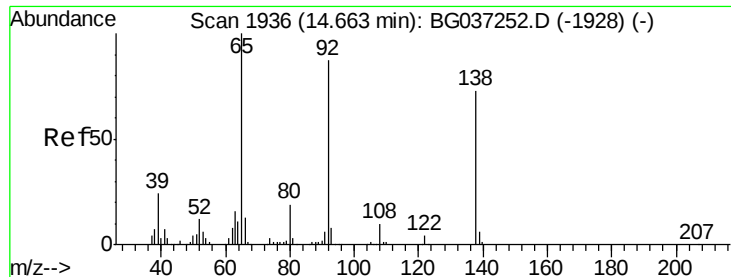
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.0	43.4	65.2
89	55.9	45.8	68.6



#52
 Acenaphthene
 Concen: 34.354 ng
 RT: 14.82 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	93.4	140.0
152	53.7	44.7	67.1

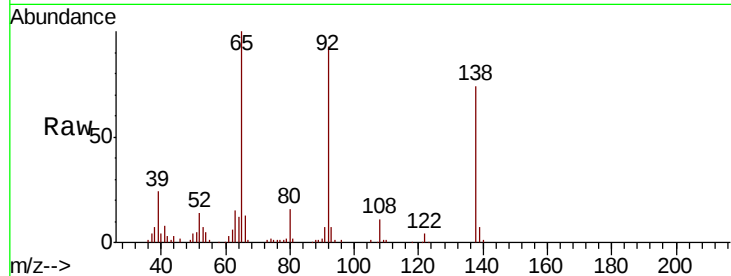




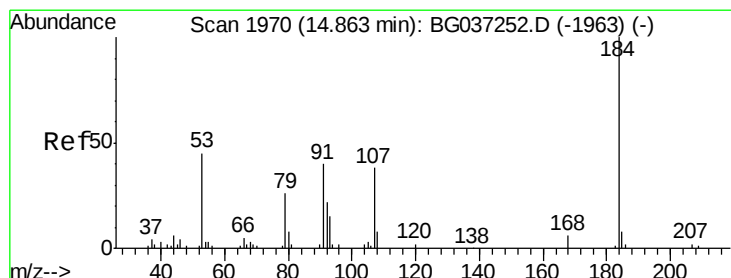
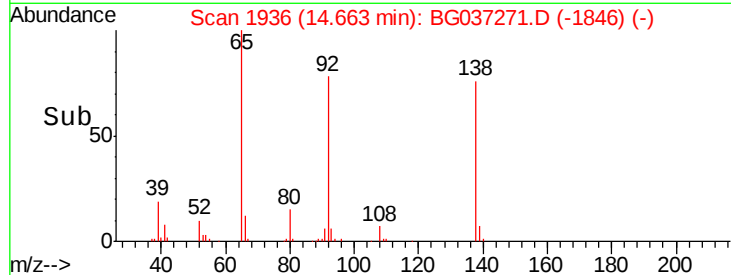
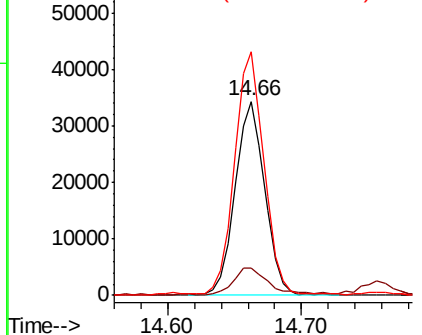
#53
3-Nitroaniline
Concen: 20.349 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:138 Resp: 52935
Ion Ratio Lower Upper
138 100
108 14.4 11.0 16.6
92 125.6 95.2 142.8

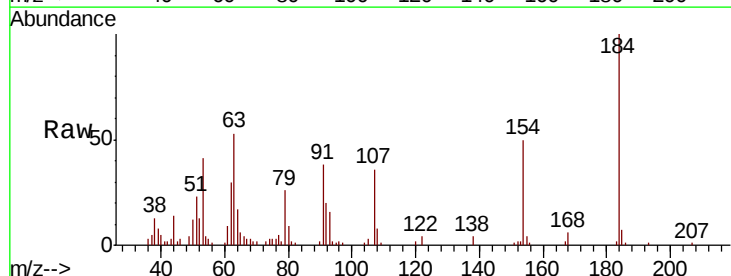


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

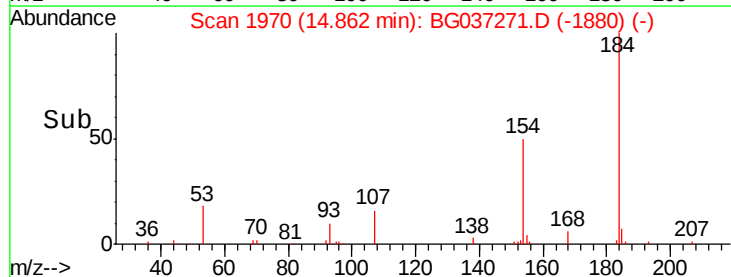
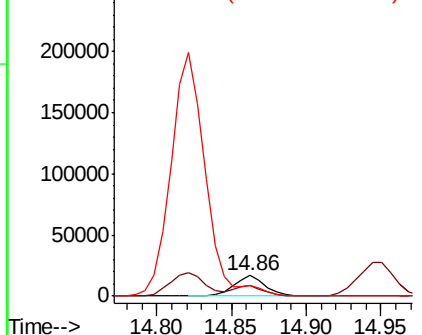


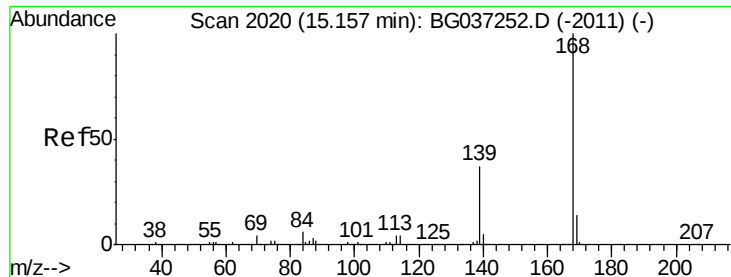
#54
2,4-Dinitrophenol
Concen: 38.415 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:184 Resp: 23900
Ion Ratio Lower Upper
184 100
63 52.8 42.6 63.8
154 49.8 41.8 62.6



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





#55

Dibenzenofuran

Concen: 32.826 ng

RT: 15.16 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

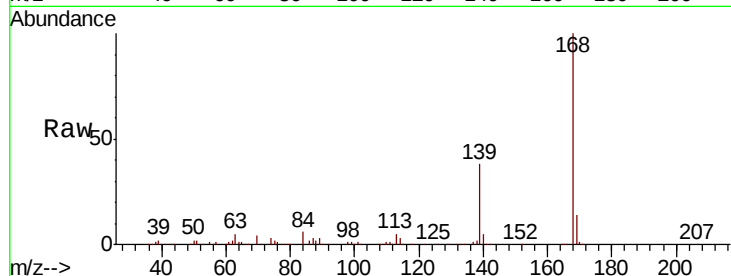
Tgt Ion:168 Resp: 494786

Ion Ratio Lower Upper

168 100

139 37.8 29.4 44.0

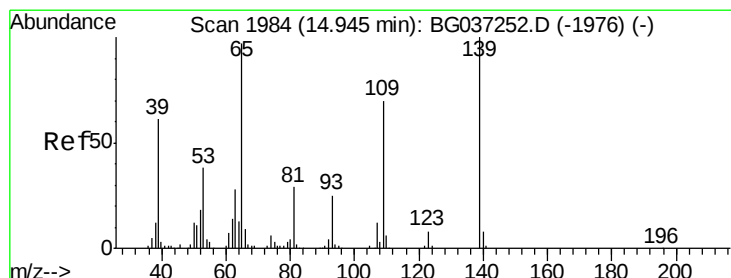
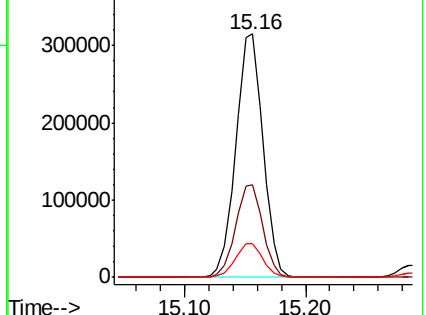
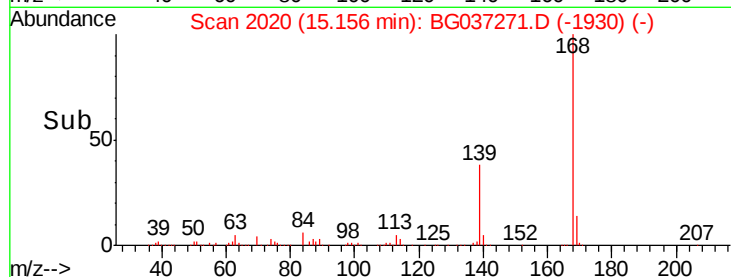
169 13.6 11.0 16.6



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



#56

4-Nitrophenol

Concen: 77.118 ng

RT: 14.95 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

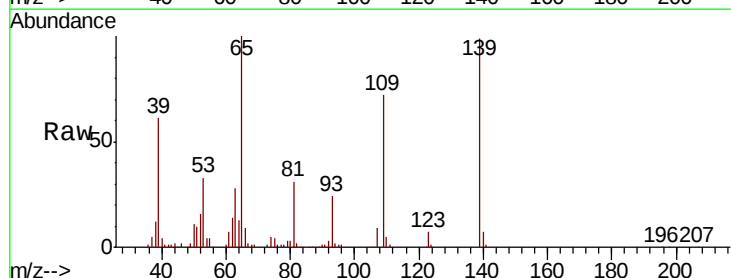
Tgt Ion:139 Resp: 156378

Ion Ratio Lower Upper

139 100

109 72.3 49.5 89.5

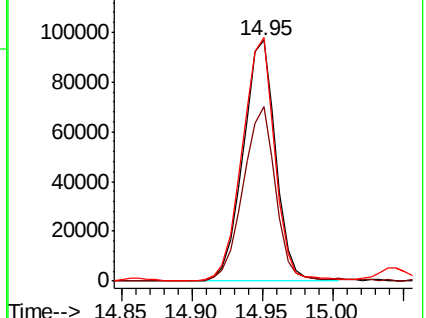
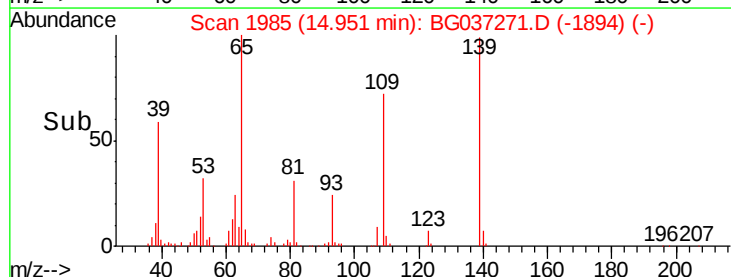
65 101.0 76.8 116.8

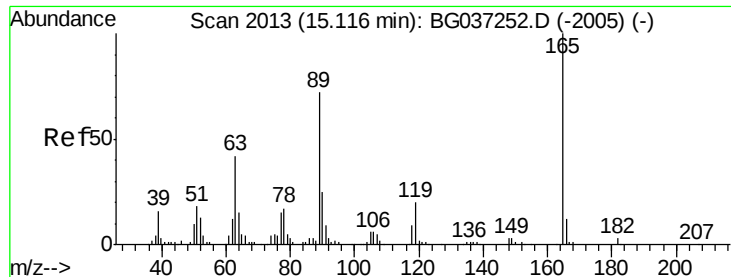


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

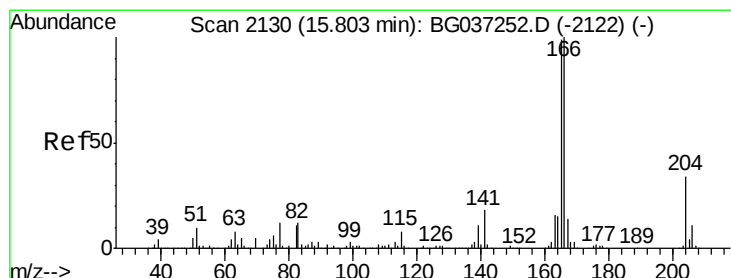
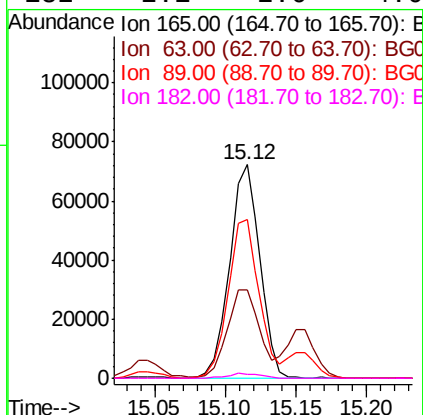
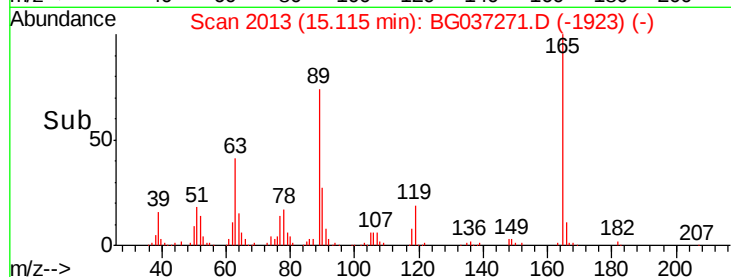
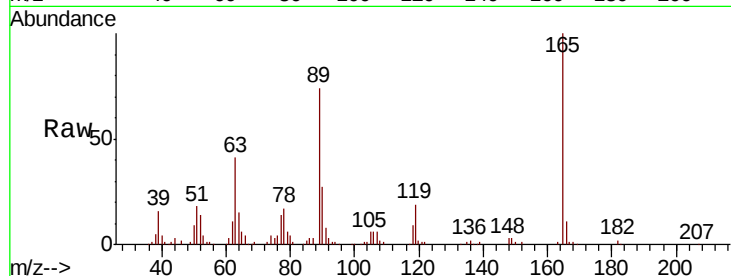




#57
2,4-Dinitrotoluene
Concen: 36.693 ng
RT: 15.12 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

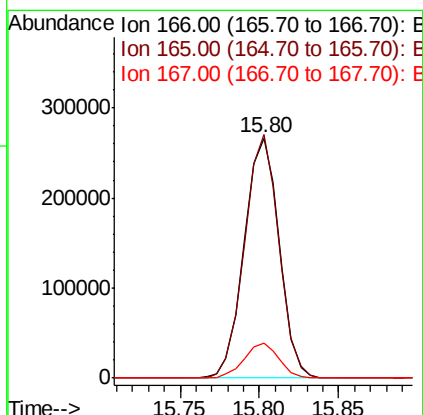
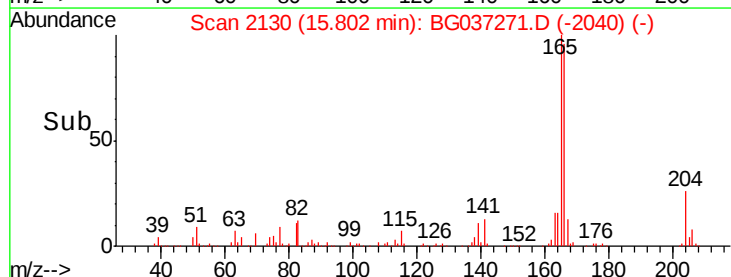
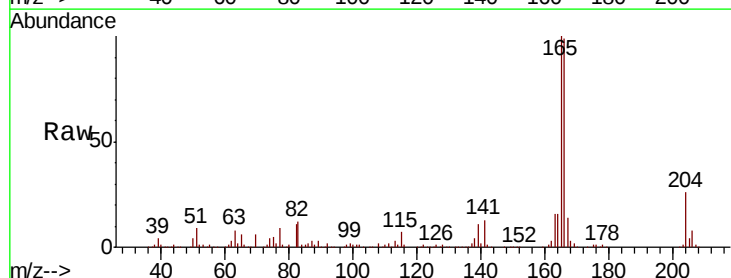
Instrument :
BNA_G
ClientSampleId :
PB113698BS

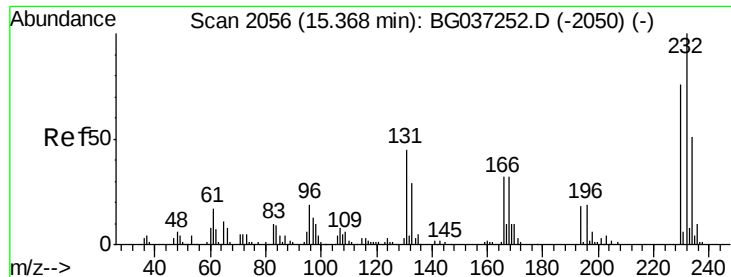
Tgt Ion:165 Resp: 107839
Ion Ratio Lower Upper
165 100
63 41.5 33.4 50.0
89 74.1 57.2 85.8
182 2.1 2.6 4.0#



#58
Fluorene
Concen: 35.876 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:166 Resp: 408966
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 14.6 11.3 16.9

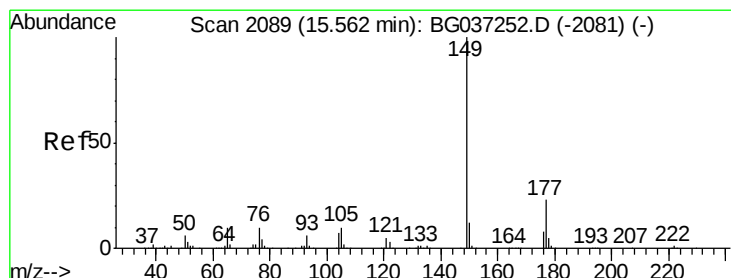
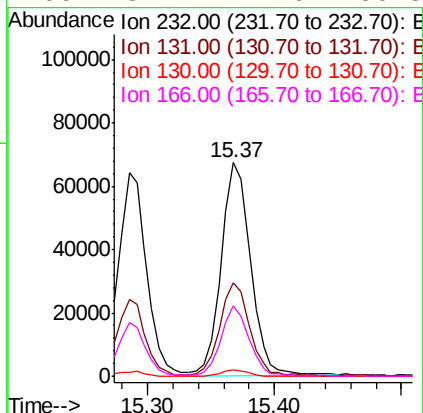
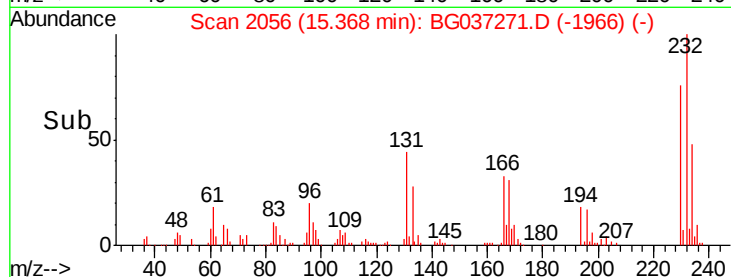
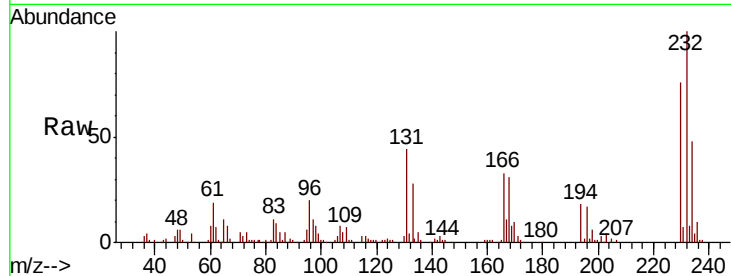




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.227 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

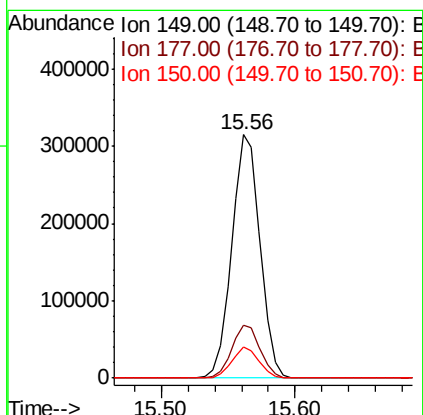
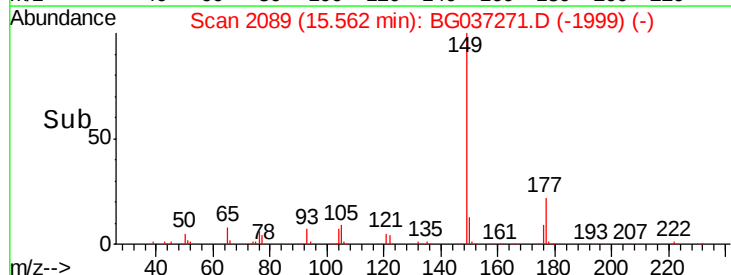
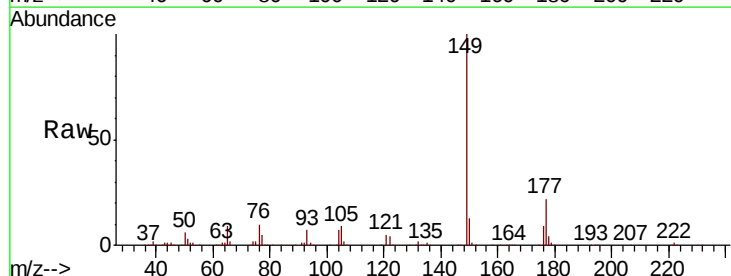
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

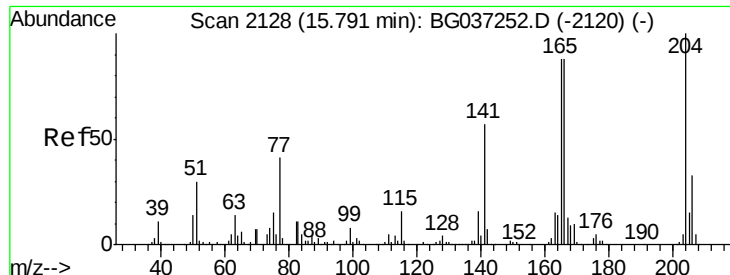
Tgt Ion:	232	Resp:	108232
Ion	Ratio	Lower	Upper
232	100		
131	45.1	33.7	50.5
130	2.6	2.1	3.1
166	32.1	24.6	36.8



#60
 Diethylphthalate
 Concen: 35.848 ng
 RT: 15.56 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:	149	Resp:	461917
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.3	27.5
150	12.7	10.0	15.0

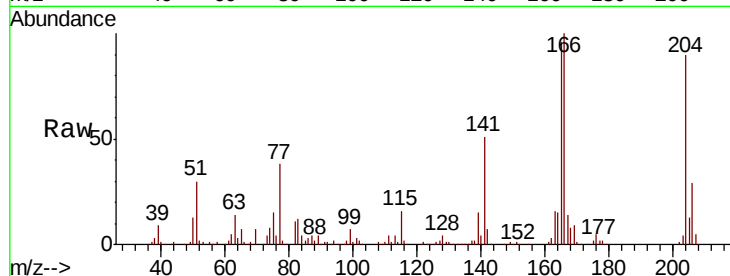




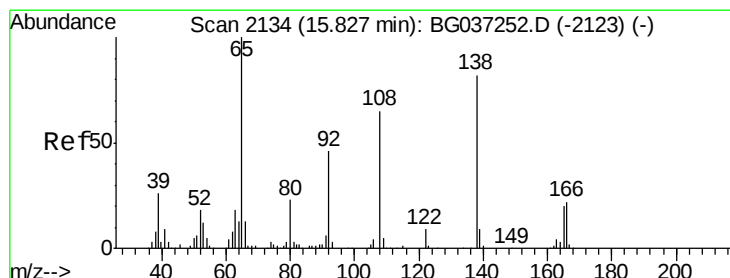
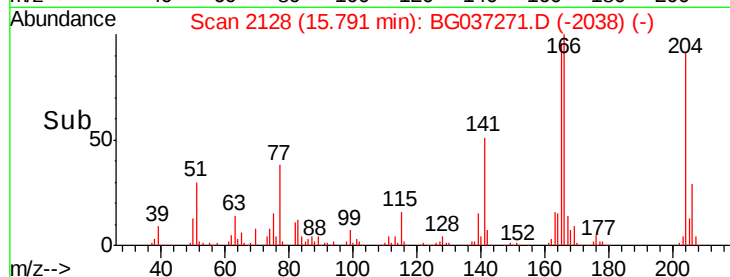
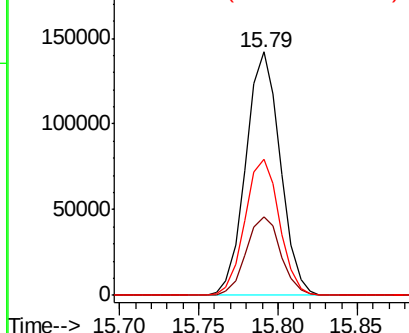
#61
4-Chlorophenyl-phenylether
Concen: 32.104 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:204 Resp: 213918
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 56.0 45.4 68.2

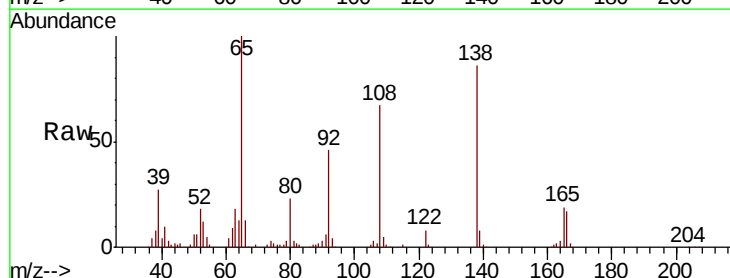


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

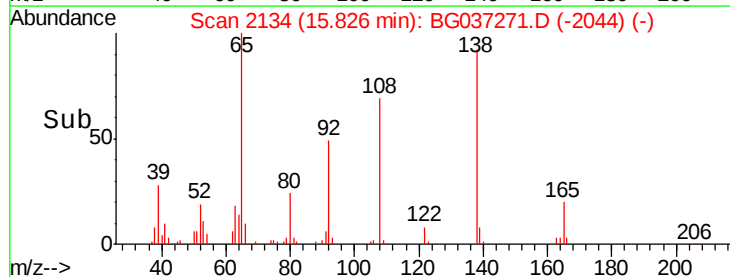
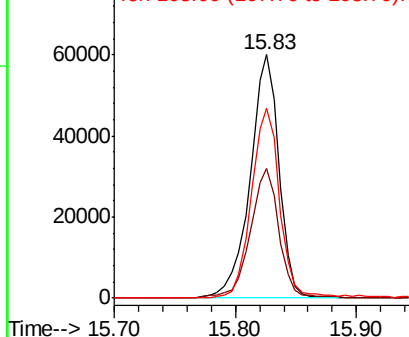


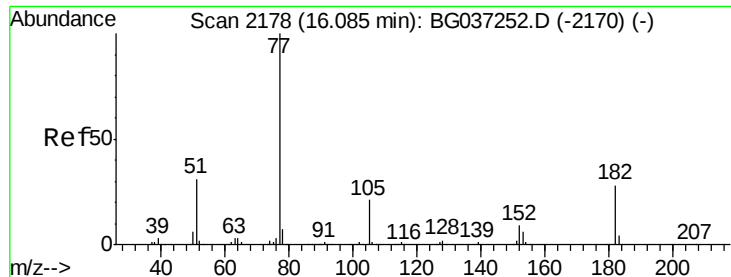
#62
4-Nitroaniline
Concen: 36.691 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:138 Resp: 100183
Ion Ratio Lower Upper
138 100
92 53.3 36.4 76.4
108 77.8 60.1 100.1



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

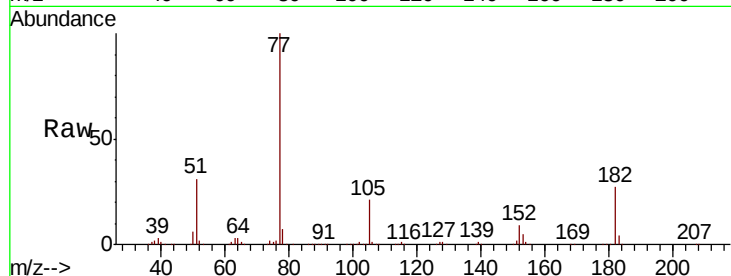




#63
Azobenzene
Concen: 34.585 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.0	48.0
105	21.1	1.3	41.3
51	30.6	10.7	50.7



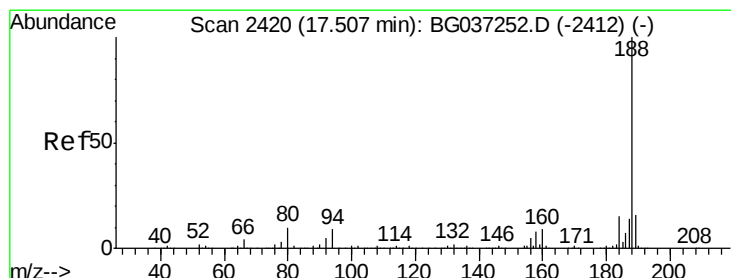
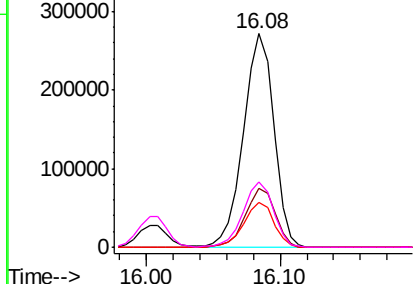
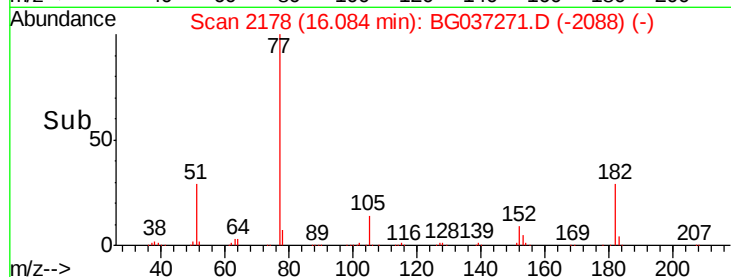
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

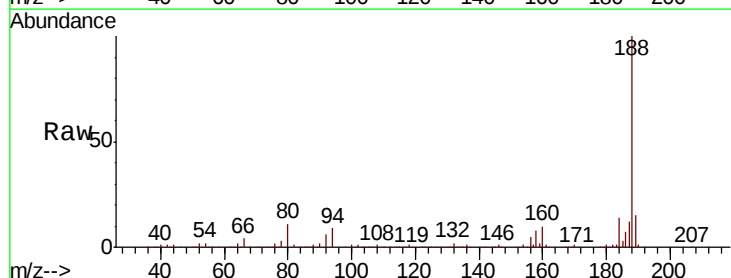
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.6	7.7	11.5

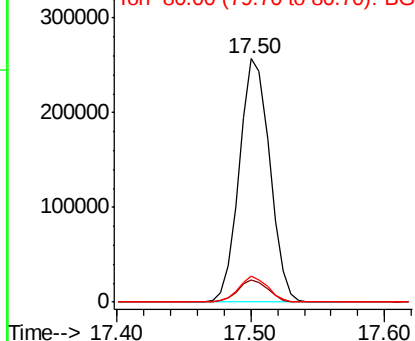
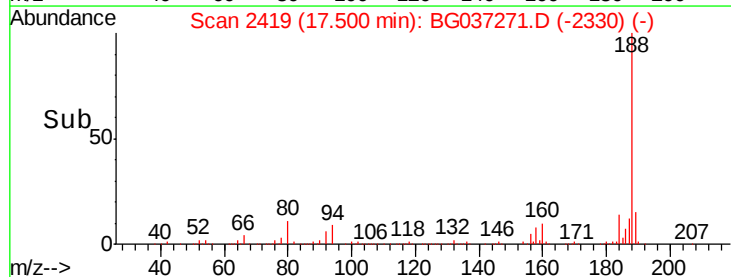


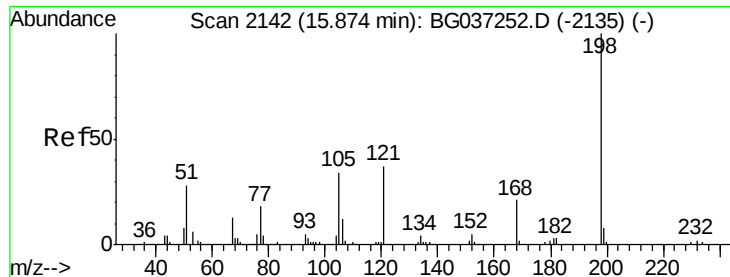
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

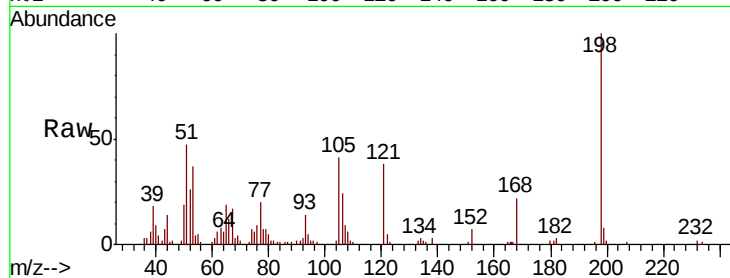




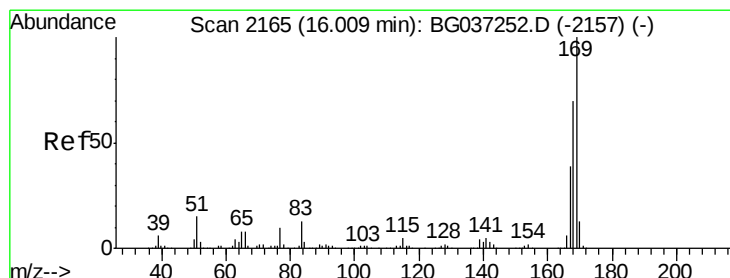
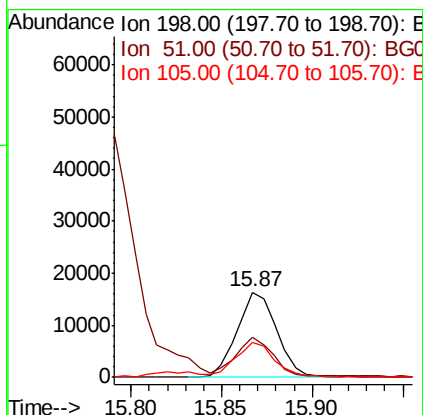
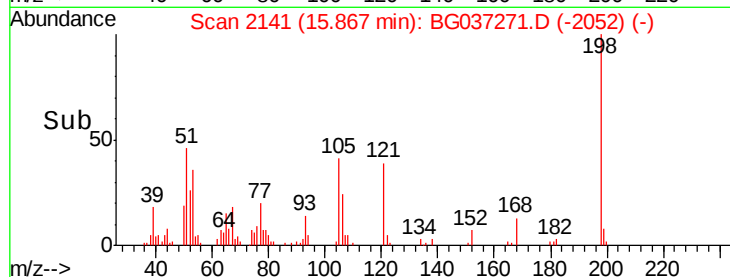
#65
 4,6-Dinitro-2-methylphenol
 Concen: 23.130 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

Tgt Ion:198 Resp: 24919
 Ion Ratio Lower Upper
 198 100
 51 47.2 22.7 62.7
 105 40.7 19.7 59.7

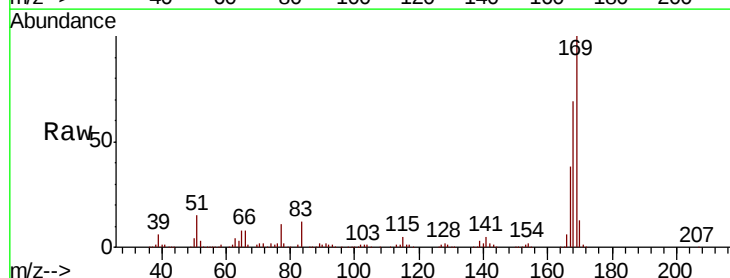


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

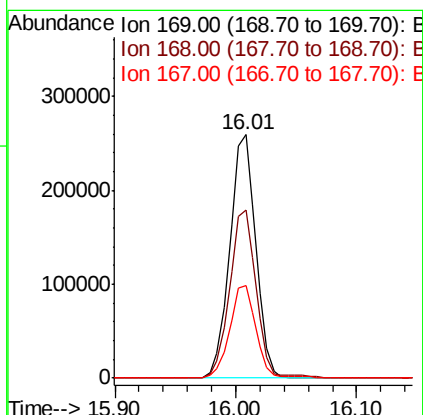
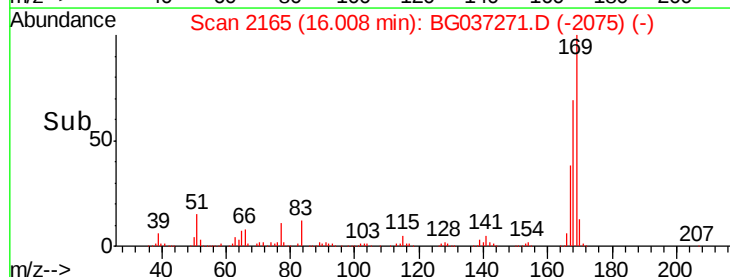


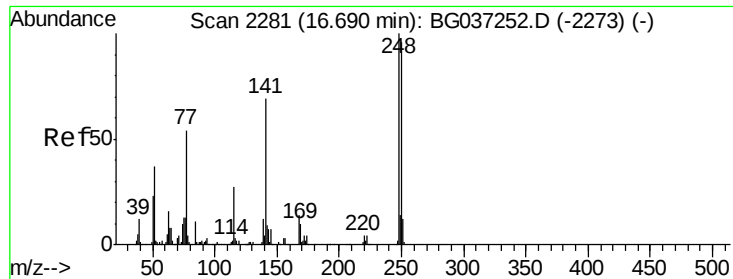
#66
 n-Nitrosodiphenylamine
 Concen: 32.469 ng
 RT: 16.01 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:169 Resp: 387025
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.7 83.5
 167 38.1 31.3 46.9



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

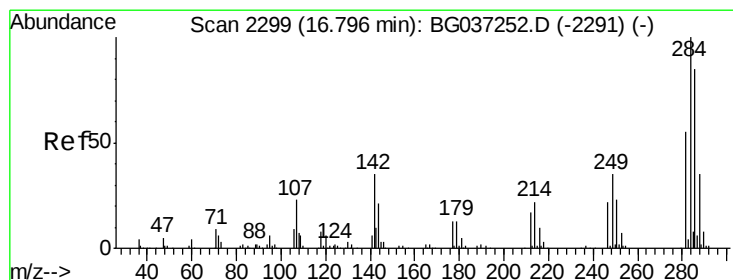
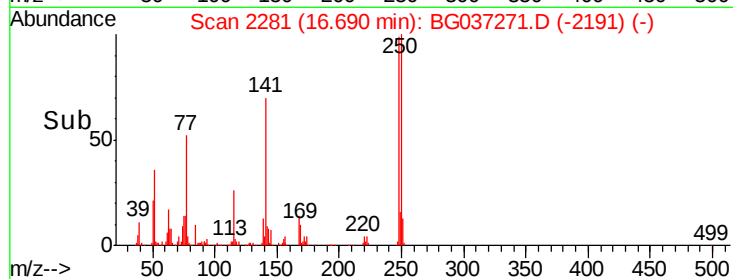
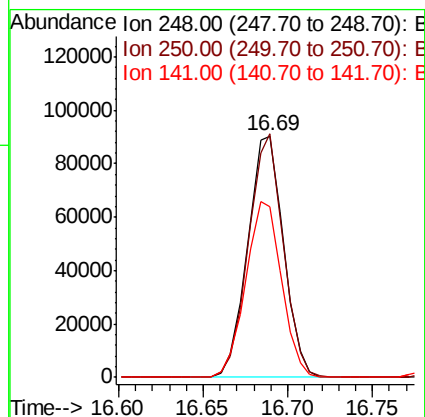
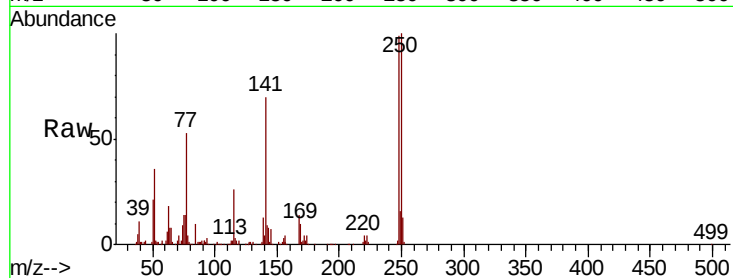




#67
 4-Bromophenyl-phenylether
 Concen: 30.528 ng
 RT: 16.69 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

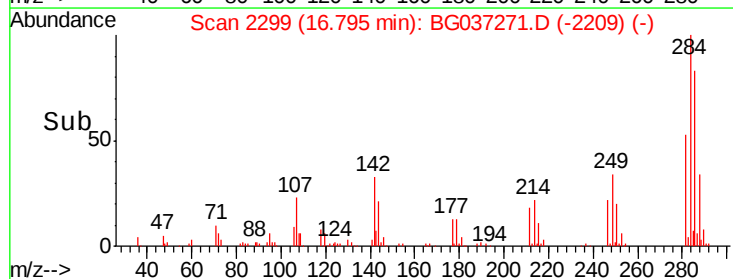
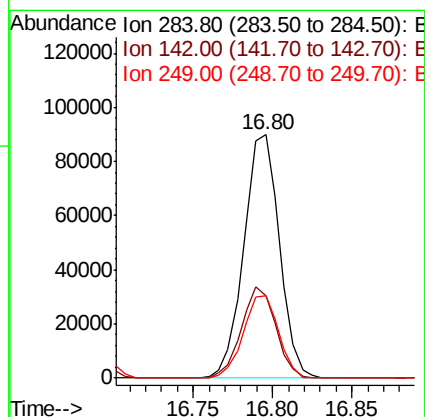
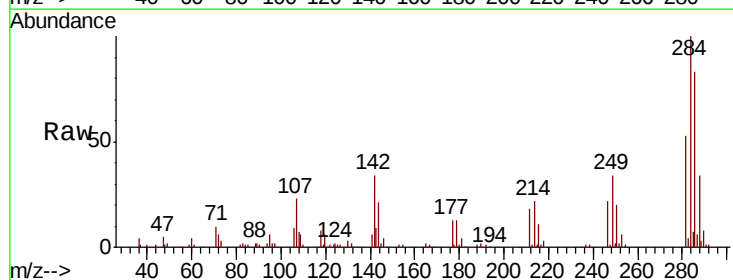
Instrument :
 BNA_G
 ClientSampleId :
 PB113698BS

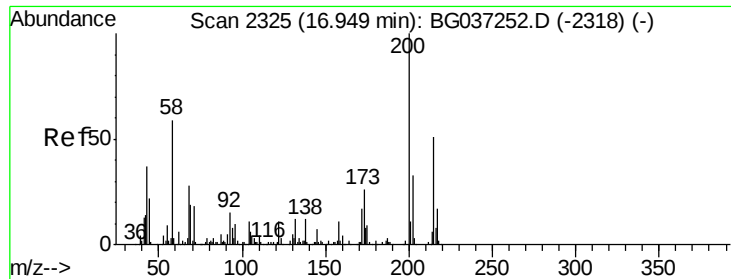
Tgt Ion:248 Resp: 133731
 Ion Ratio Lower Upper
 248 100
 250 100.9 77.0 115.6
 141 70.9 55.5 83.3



#68
 Hexachlorobenzene
 Concen: 30.796 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG037271.D
 Acq: 11 Oct 2018 23:53

Tgt Ion:284 Resp: 139872
 Ion Ratio Lower Upper
 284 100
 142 33.7 28.1 42.1
 249 36.0 29.8 44.8

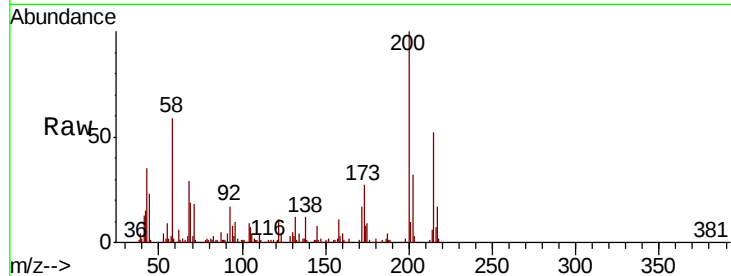




#69
Atrazine
Concen: 34.149 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.1	46.1
215	51.9	30.8	70.8

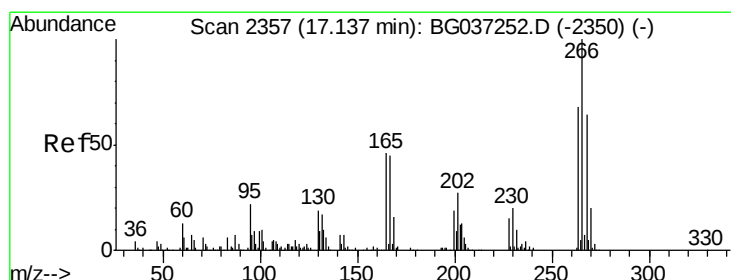
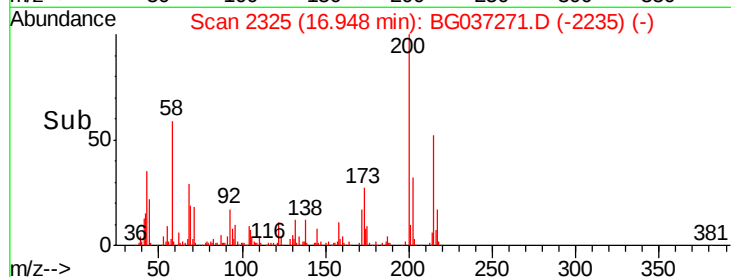
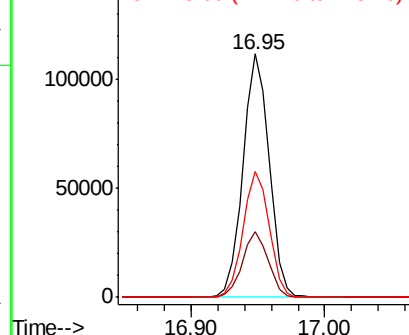


Abundance

Ion 200.00 (199.70 to 200.70): E

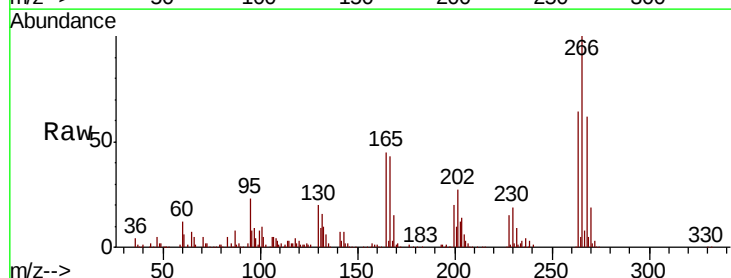
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 54.371 ng
RT: 17.14 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	55.0	82.6
264	69.4	58.9	88.3

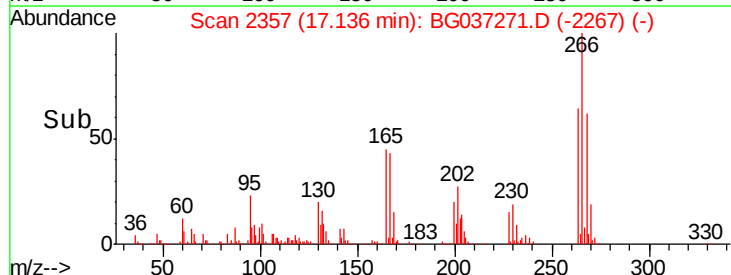
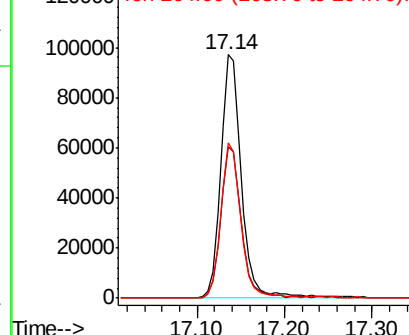


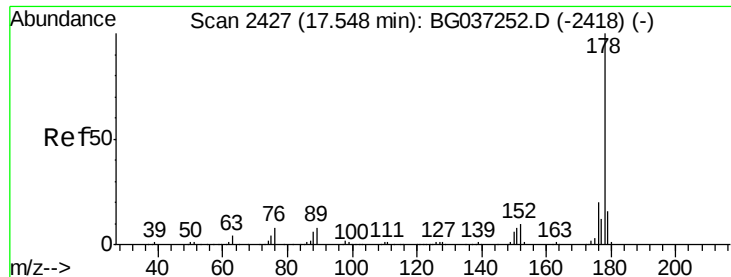
Abundance

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

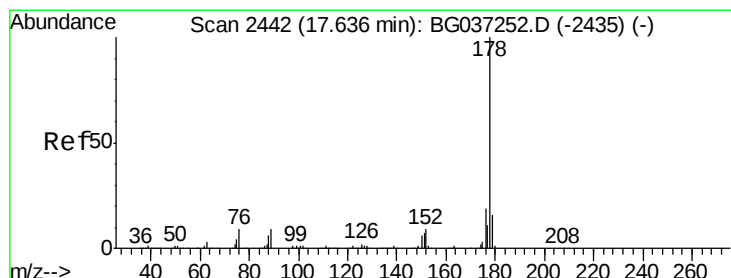
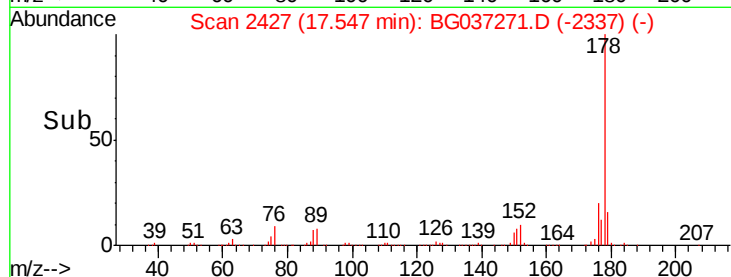
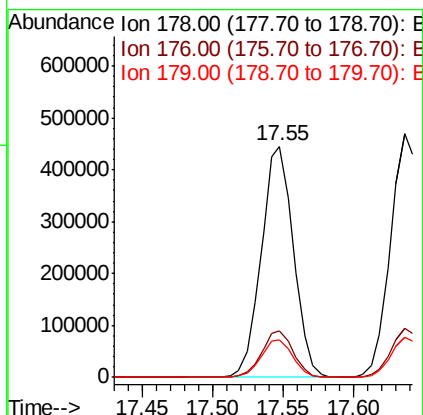
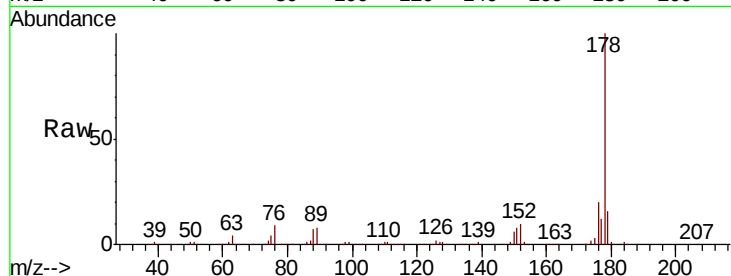




#71
Phenanthrene
Concen: 34.488 ng
RT: 17.55 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

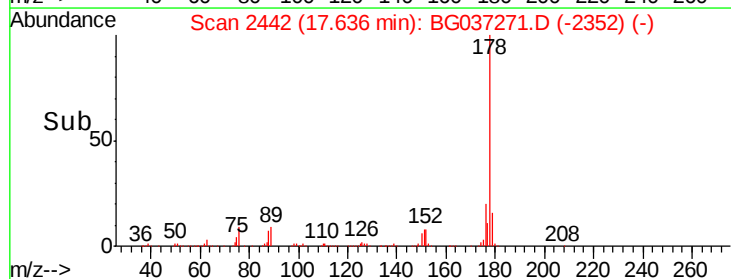
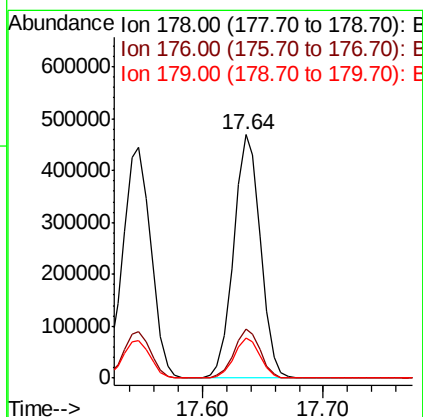
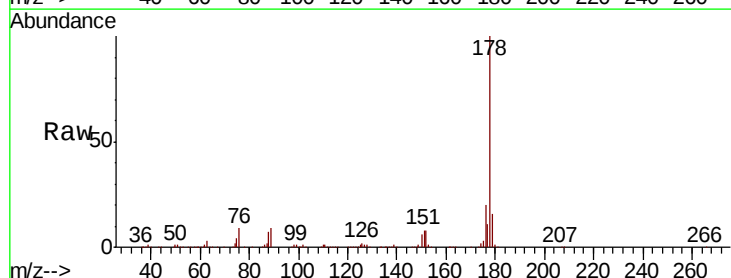
Instrument :
BNA_G
ClientSampleId :
PB113698BS

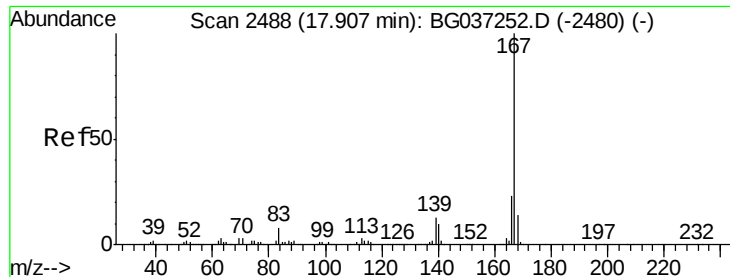
Tgt Ion:178 Resp: 712579
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 35.810 ng
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:178 Resp: 724208
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 16.3 12.8 19.2





#73

Carbazole

Concen: 32.576 ng

RT: 17.91 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

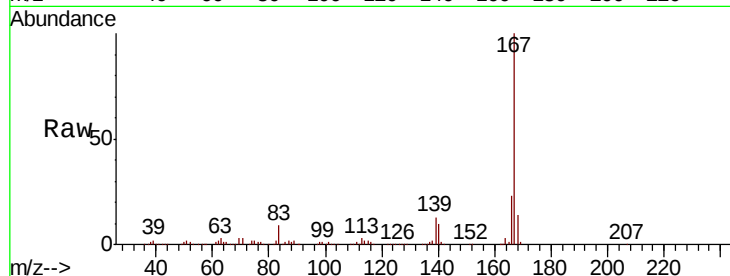
Tgt Ion:167 Resp: 678798

Ion Ratio Lower Upper

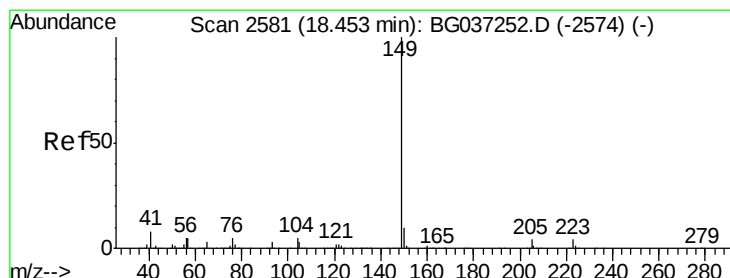
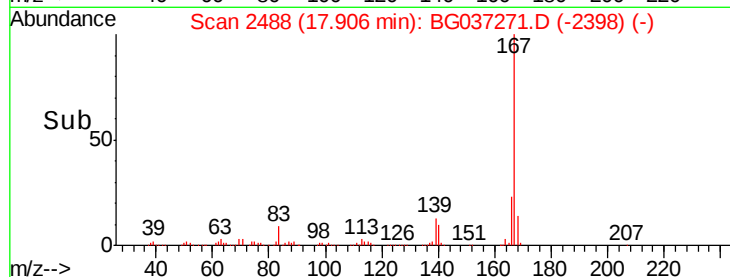
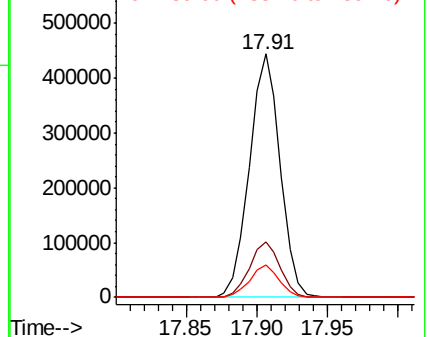
167 100

166 22.8 18.3 27.5

139 13.3 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.433 ng

RT: 18.45 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

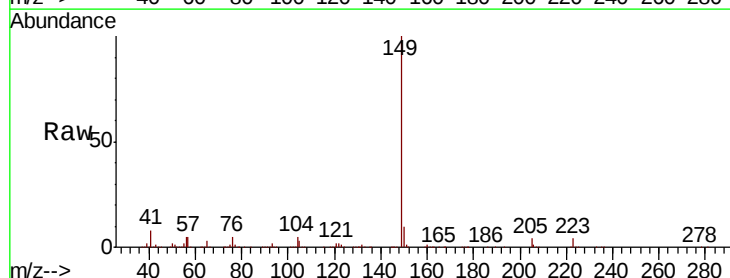
Tgt Ion:149 Resp: 813676

Ion Ratio Lower Upper

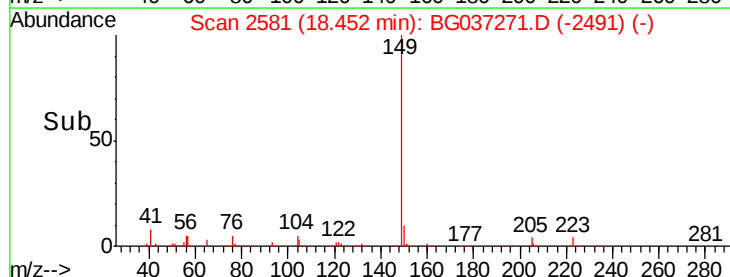
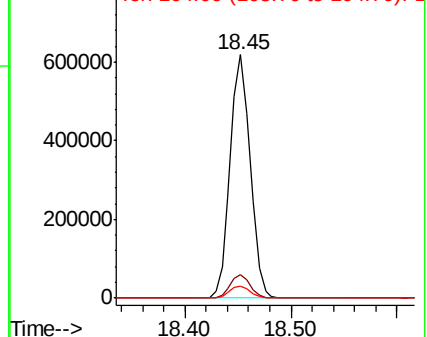
149 100

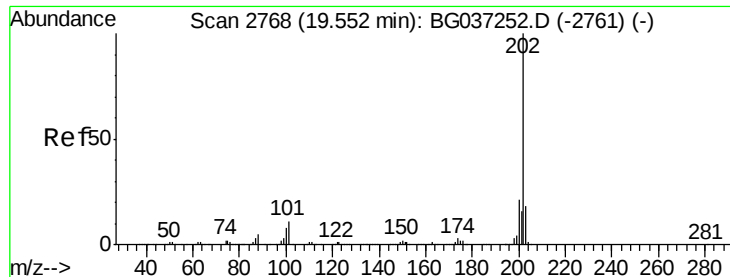
150 9.7 8.2 12.2

104 5.0 4.0 6.0



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





#75

Fluoranthene

Concen: 35.818 ng

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

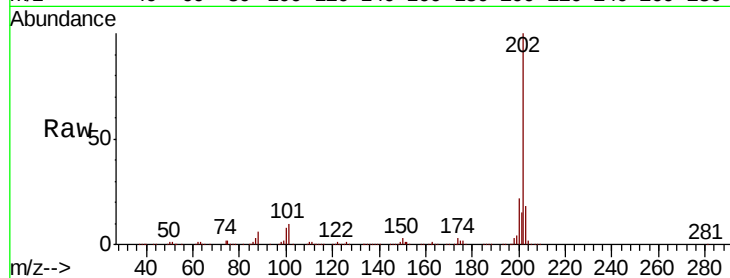
Tgt Ion:202 Resp: 864966

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

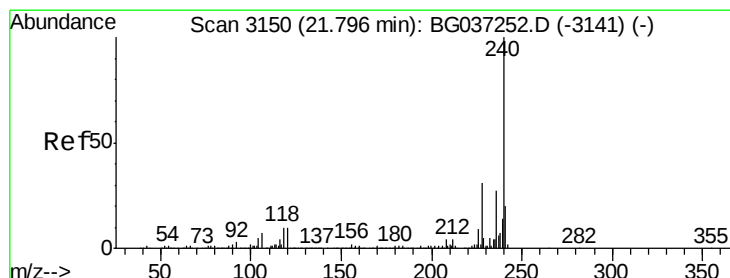
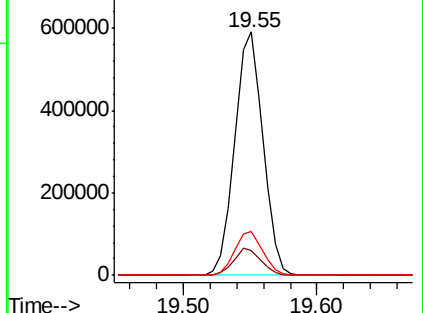
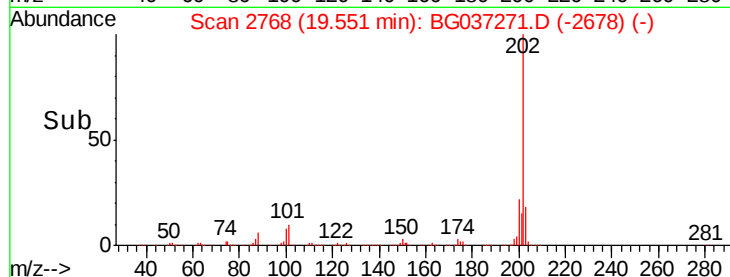
203 18.1 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

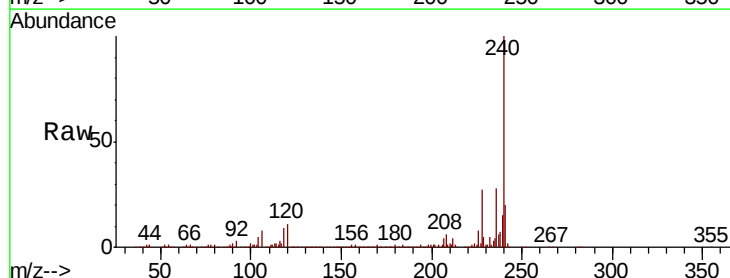
Tgt Ion:240 Resp: 378526

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

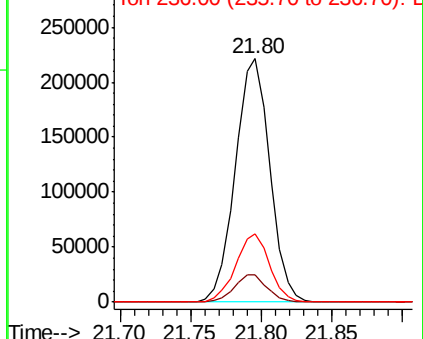
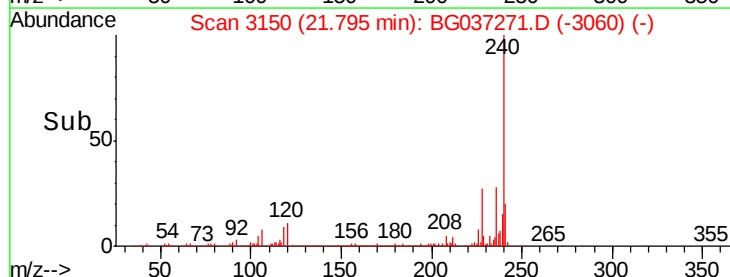
236 28.0 21.4 32.0

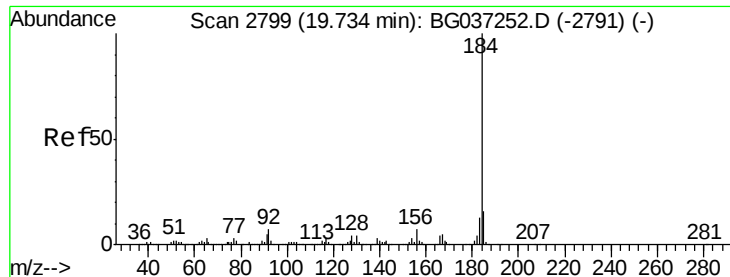


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.214 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

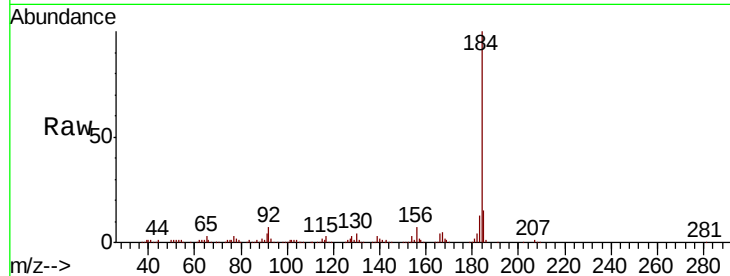
Tgt Ion:184 Resp: 307202

Ion Ratio Lower Upper

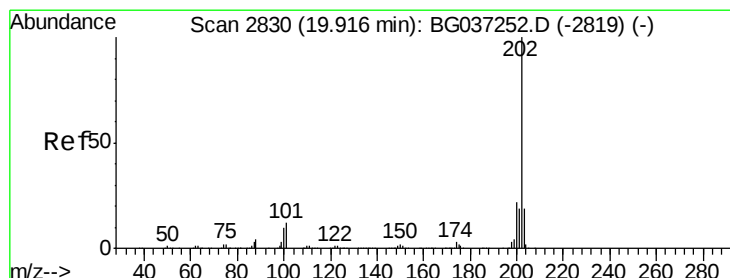
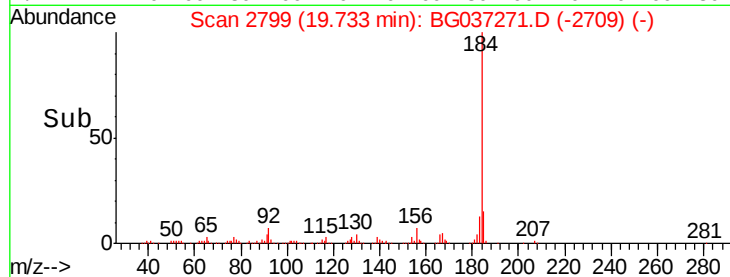
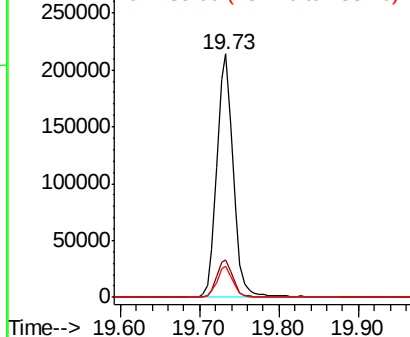
184 100

185 15.4 12.6 18.8

183 12.8 10.2 15.2



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



#78

Pyrene

Concen: 35.292 ng

RT: 19.91 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

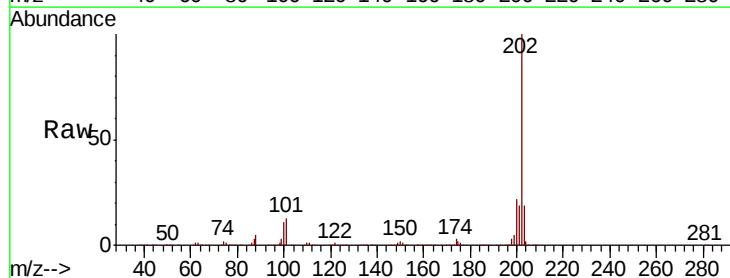
Tgt Ion:202 Resp: 870661

Ion Ratio Lower Upper

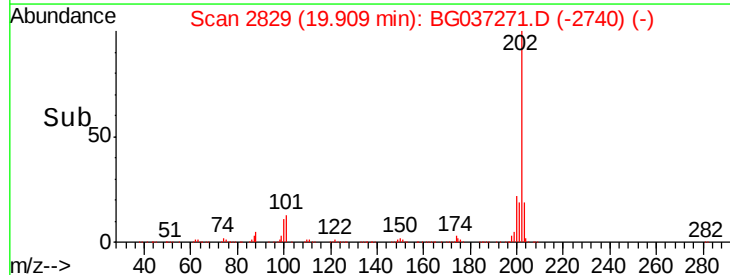
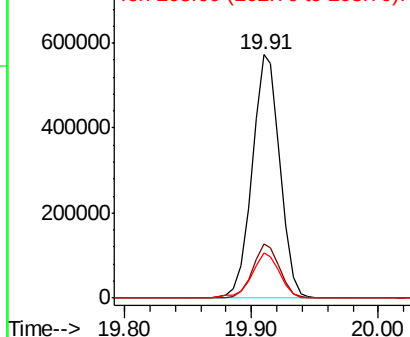
202 100

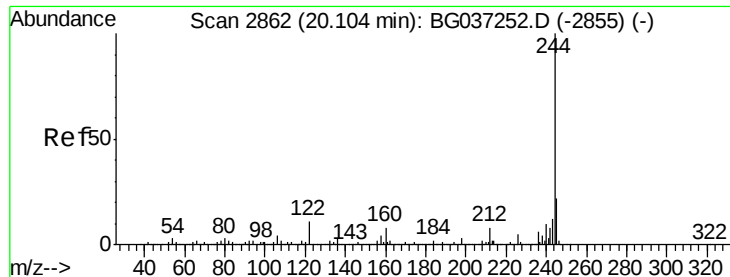
200 22.4 17.8 26.6

203 18.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.206 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

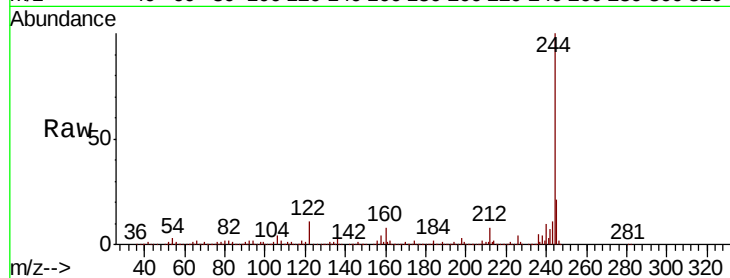
Tgt Ion:244 Resp: 1067321

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

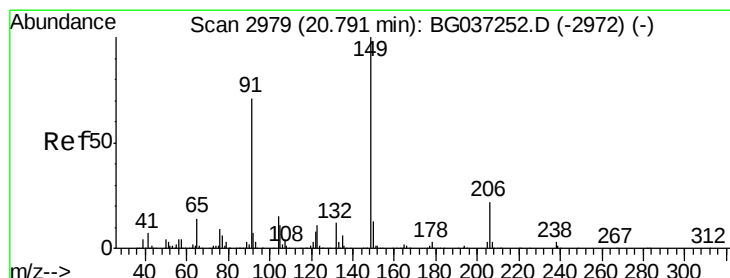
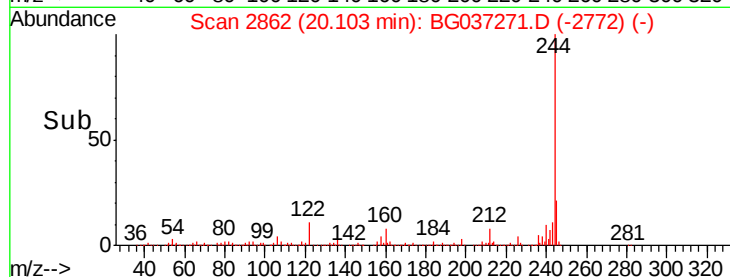
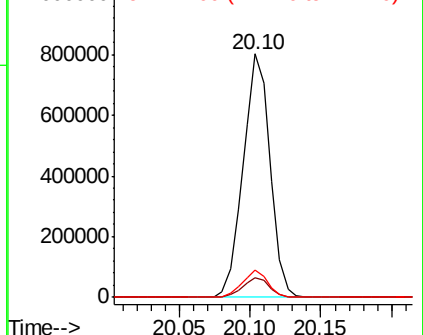
122 11.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.131 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

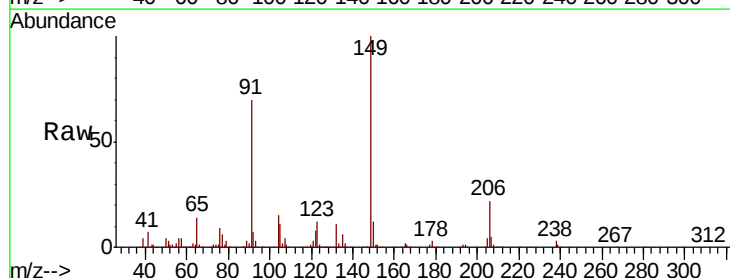
Tgt Ion:149 Resp: 346802

Ion Ratio Lower Upper

149 100

91 69.8 57.0 85.4

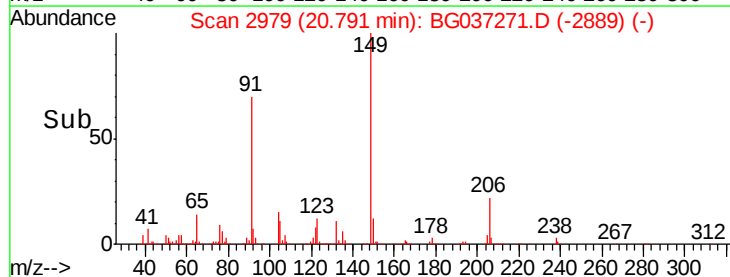
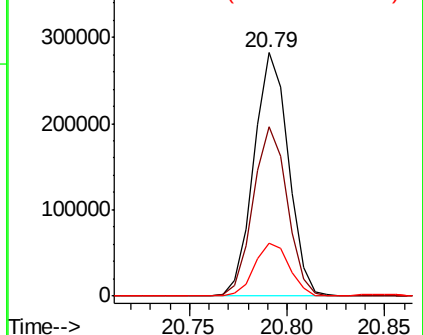
206 22.0 17.8 26.6

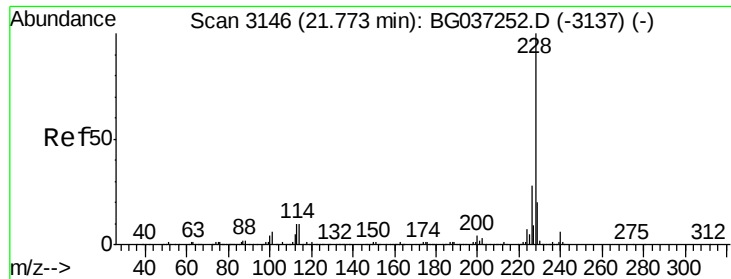


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.296 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

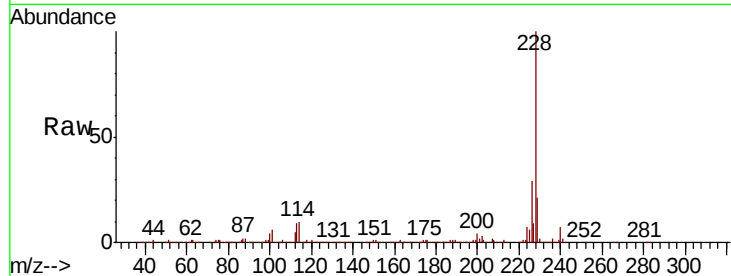
Tgt Ion:228 Resp: 822846

Ion Ratio Lower Upper

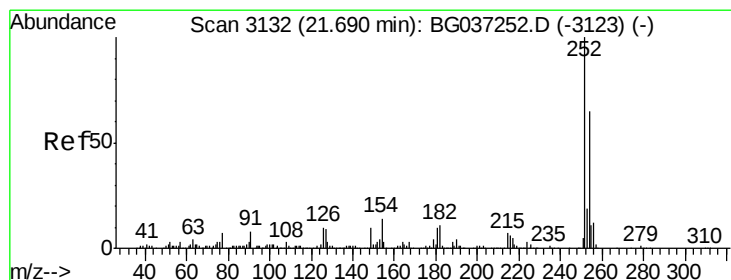
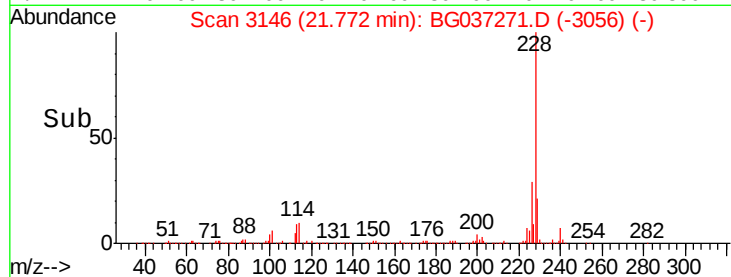
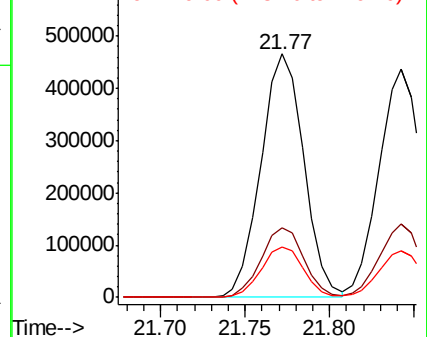
228 100

226 28.7 22.6 33.8

229 20.8 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 17.427 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

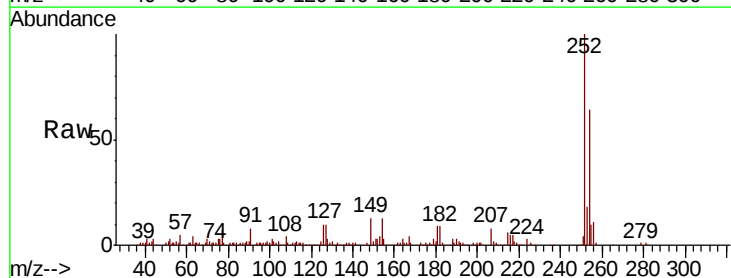
Tgt Ion:252 Resp: 152401

Ion Ratio Lower Upper

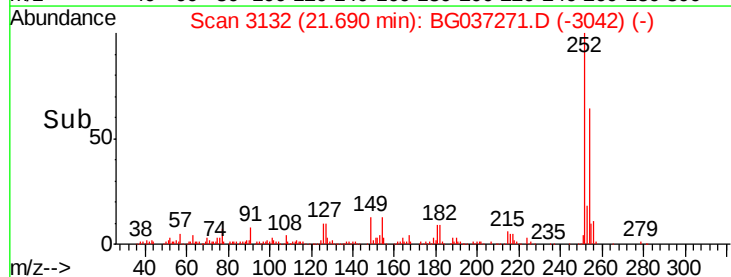
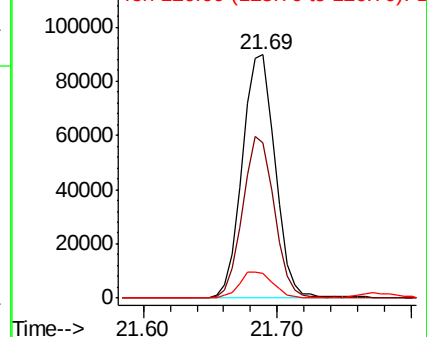
252 100

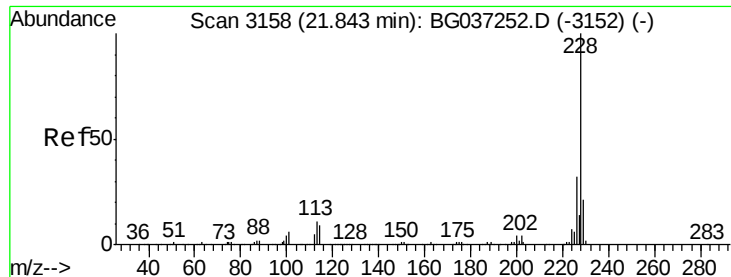
254 64.0 52.0 78.0

126 10.3 8.2 12.4



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





#83

Chrysene

Concen: 35.303 ng

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

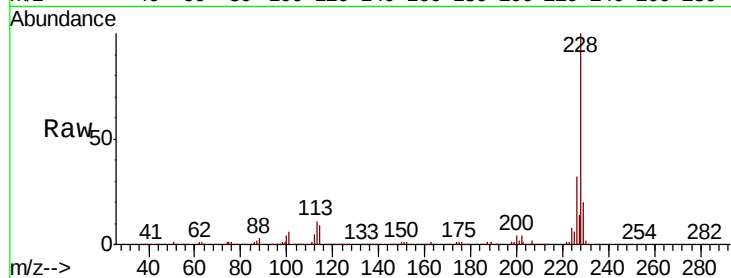
Tgt Ion:228 Resp: 763434

Ion Ratio Lower Upper

228 100

226 32.2 25.7 38.5

229 20.1 16.5 24.7

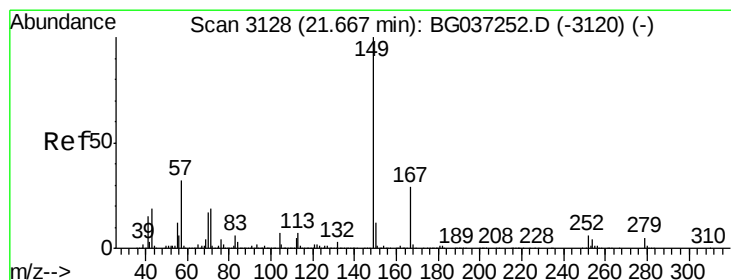
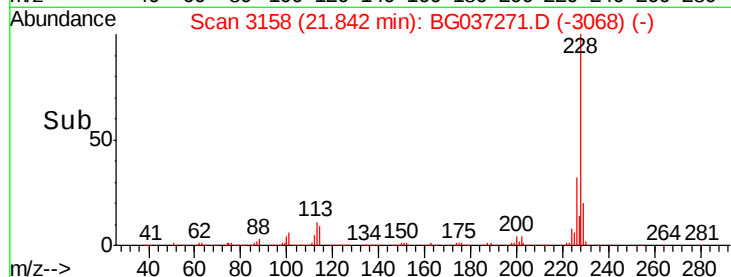
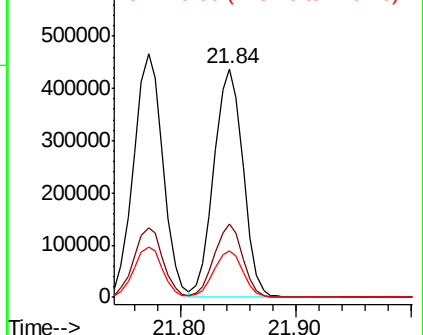


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.201 ng

RT: 21.67 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

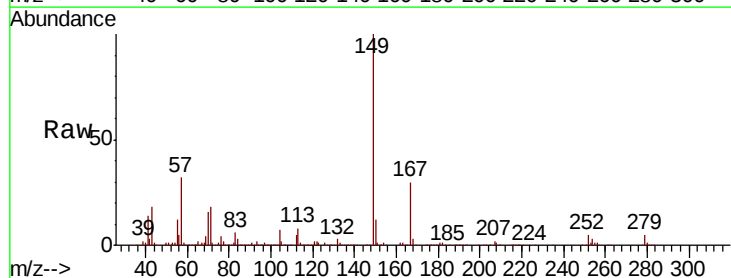
Tgt Ion:149 Resp: 498953

Ion Ratio Lower Upper

149 100

167 29.5 23.0 34.4

279 4.6 3.6 5.4

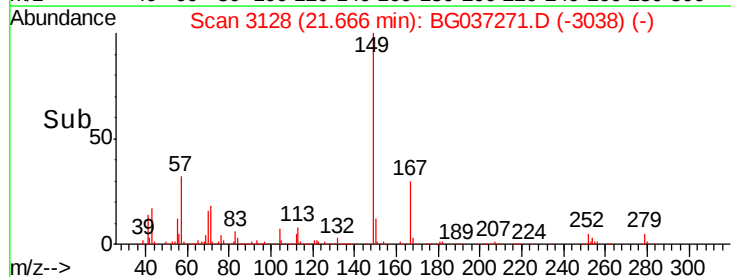
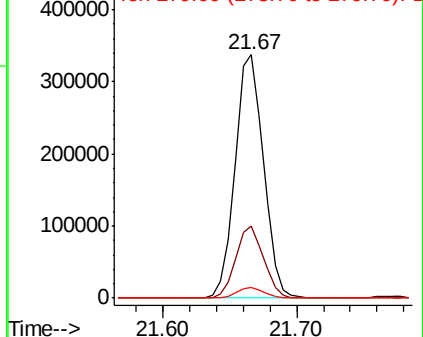


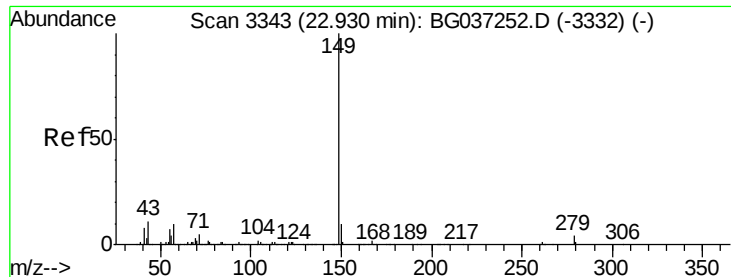
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.879 ng

RT: 22.93 min Scan# 3343

Delta R.T. -0.00 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

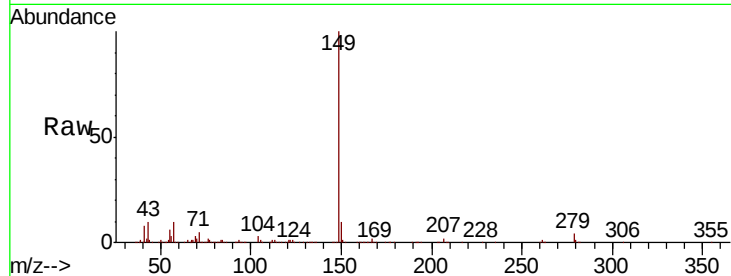
Tgt Ion:149 Resp: 847386

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

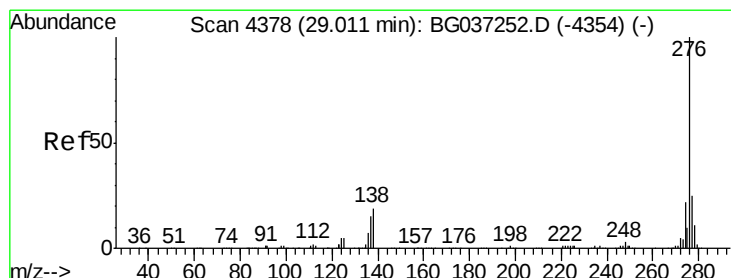
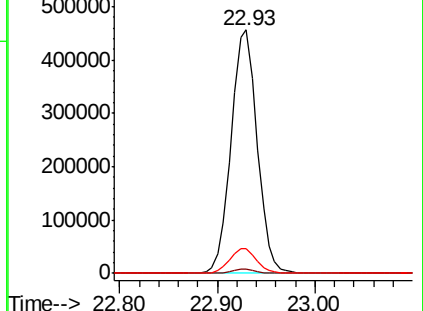
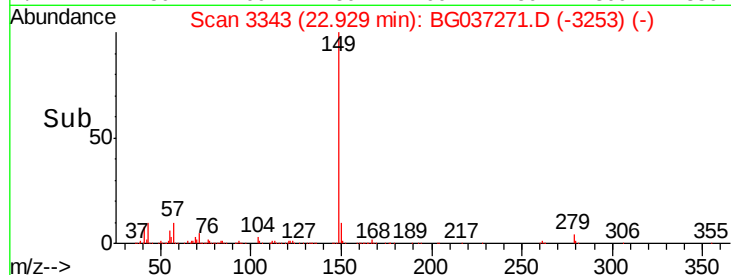
43 10.4 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.136 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

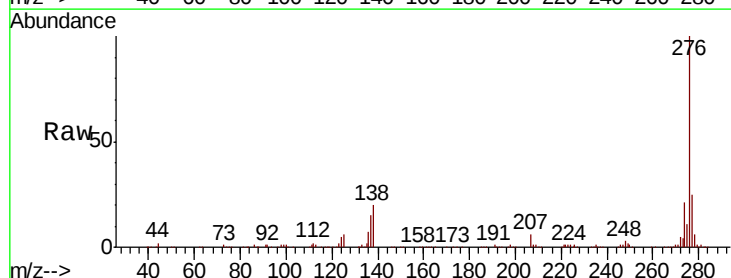
Tgt Ion:276 Resp: 914118

Ion Ratio Lower Upper

276 100

138 15.8 12.0 18.0

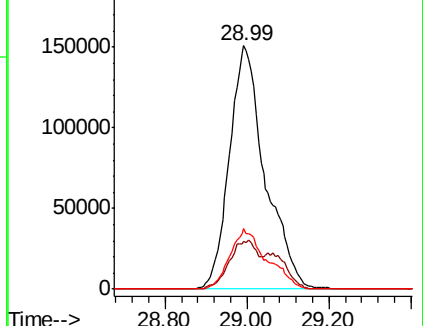
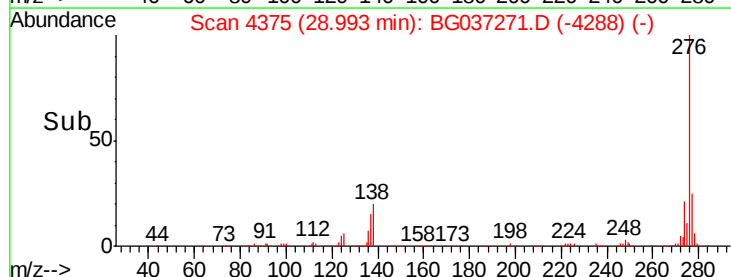
277 25.5 20.6 30.8

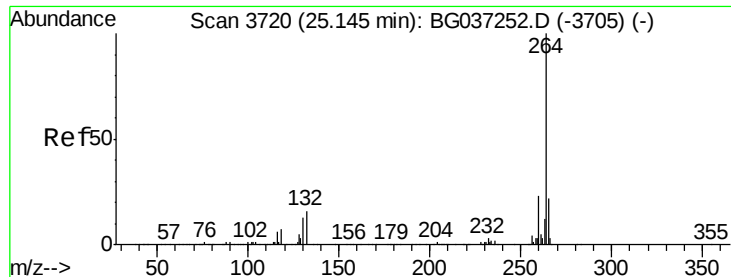


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

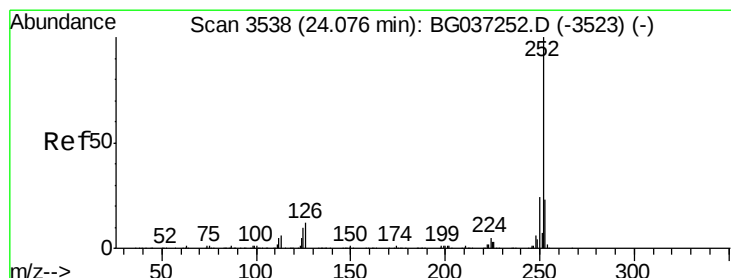
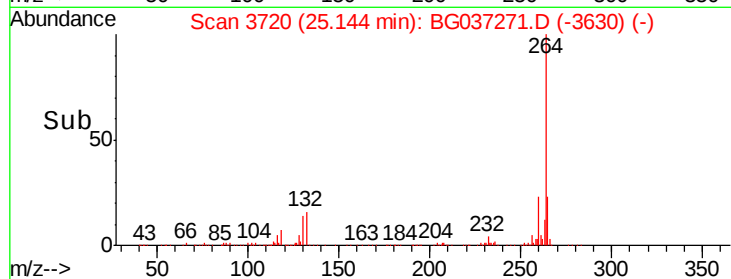
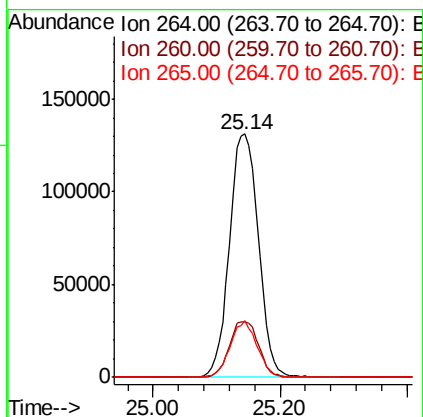
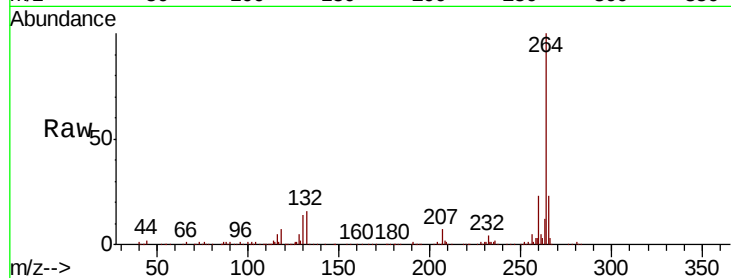




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

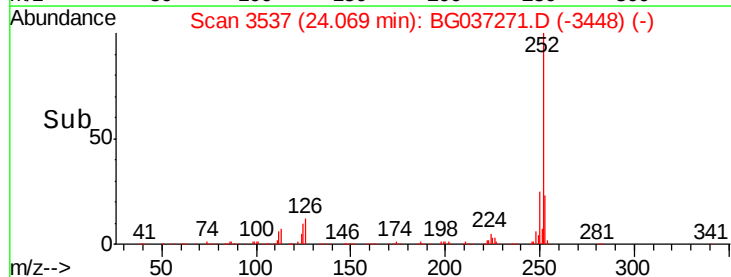
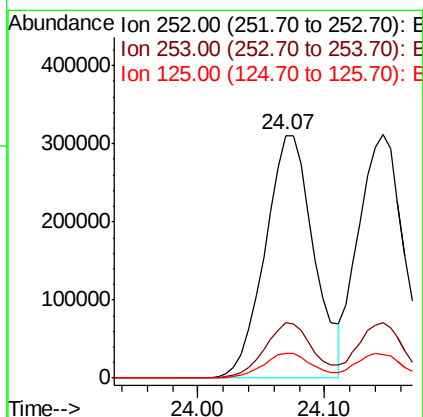
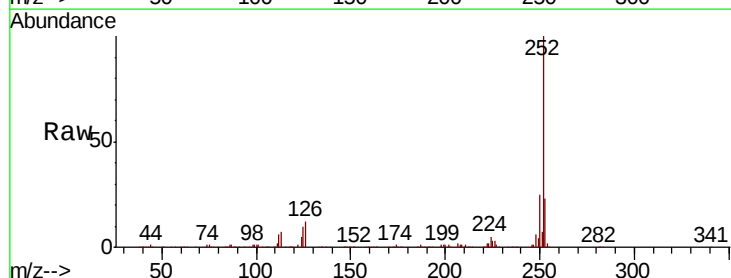
Instrument :
BNA_G
ClientSampleId :
PB113698BS

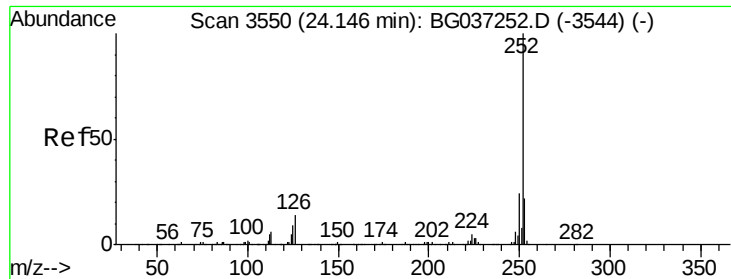
Tgt Ion:264 Resp: 413981
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 23.5 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 36.891 ng
RT: 24.07 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:252 Resp: 830327
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.3 7.8 11.6

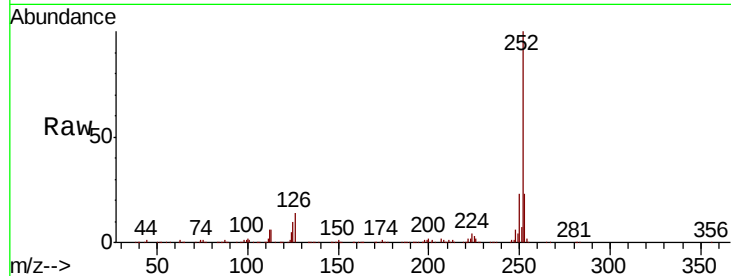




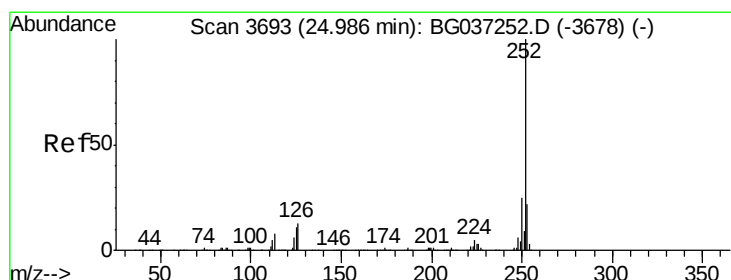
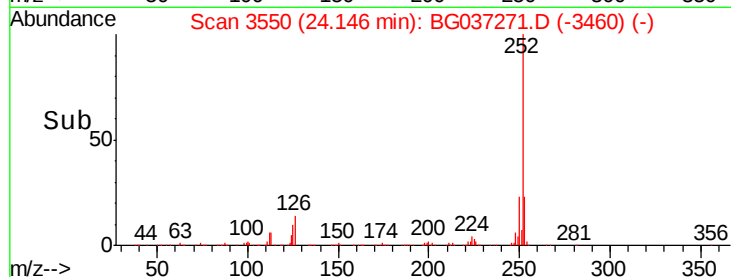
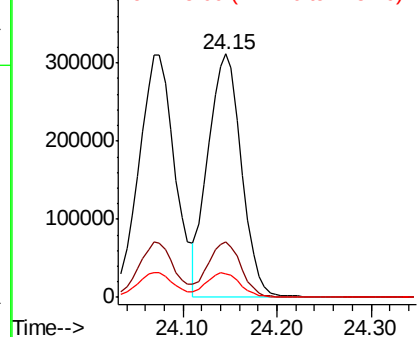
#89
Benzo(k)fluoranthene
Concen: 34.717 ng
RT: 24.15 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Instrument :
BNA_G
ClientSampleId :
PB113698BS

Tgt Ion:252 Resp: 771036
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.8 7.4 11.0

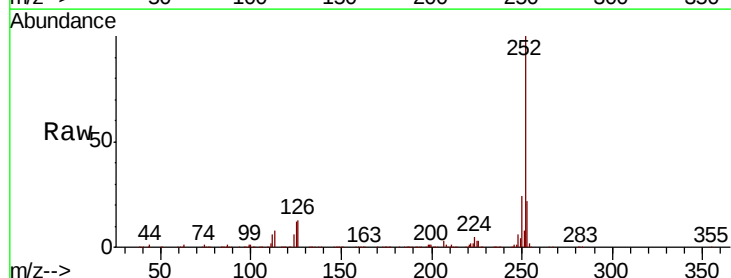


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

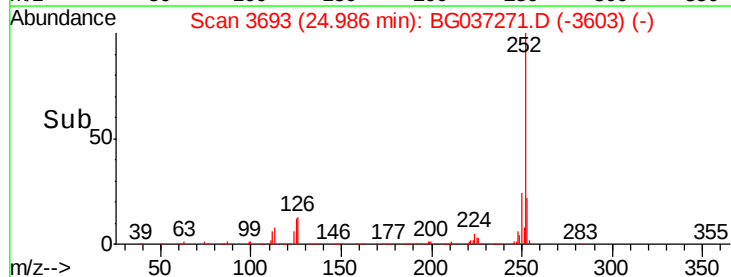
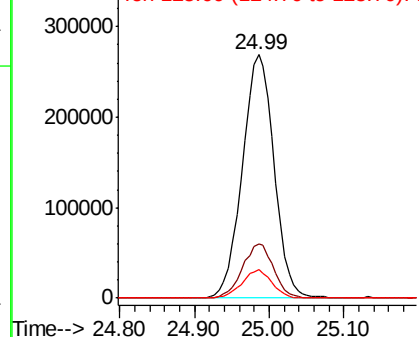


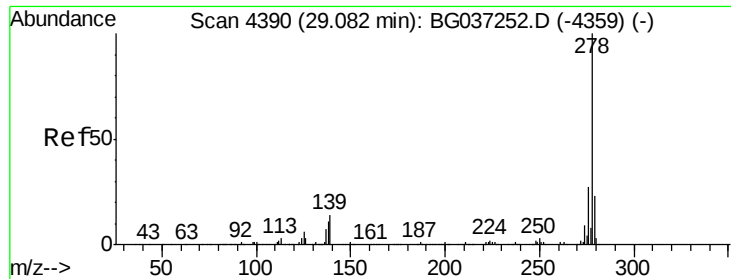
#90
Benzo(a)pyrene
Concen: 36.702 ng
RT: 24.99 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG037271.D
Acq: 11 Oct 2018 23:53

Tgt Ion:252 Resp: 792119
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.570 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

Instrument :

BNA_G

ClientSampleId :

PB113698BS

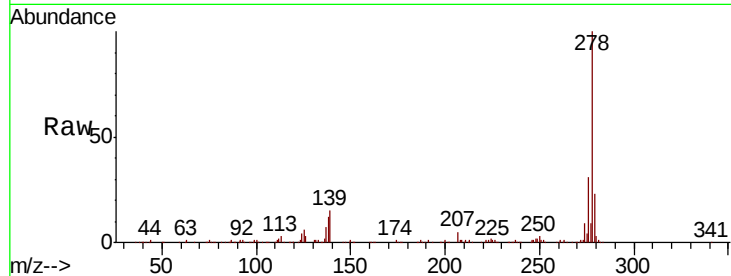
Tgt Ion:278 Resp: 755178

Ion Ratio Lower Upper

278 100

139 15.1 11.5 17.3

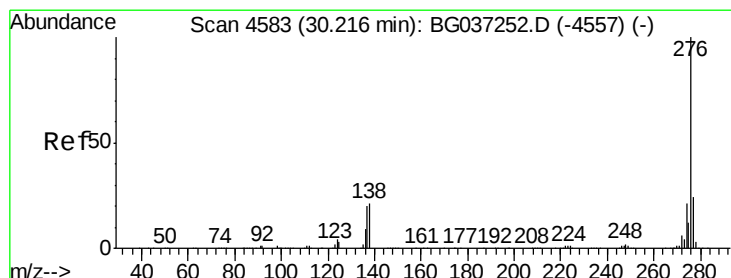
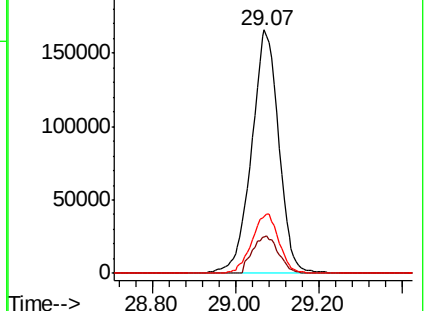
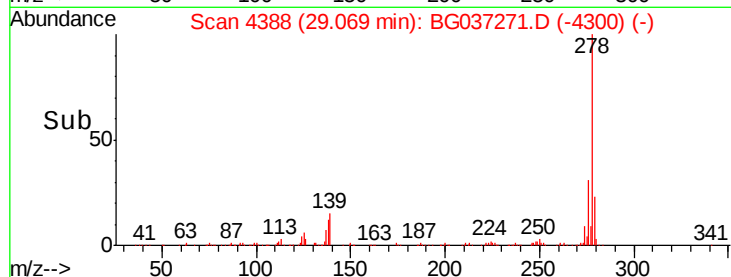
279 23.4 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 36.684 ng

RT: 30.21 min Scan# 4582

Delta R.T. -0.01 min

Lab File: BG037271.D

Acq: 11 Oct 2018 23:53

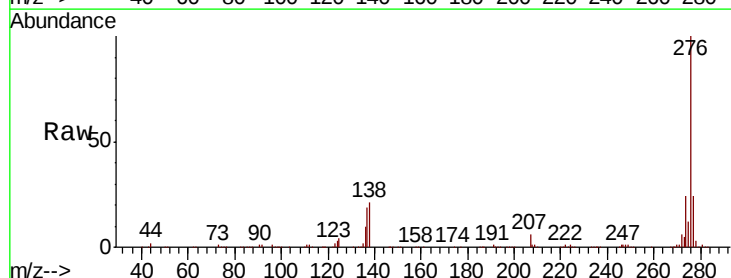
Tgt Ion:276 Resp: 756592

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.2 17.2 25.8



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

