

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038057.D
 Acq On : 17 Nov 2018 6:27
 Operator : JU/SJ
 Sample : PB114894BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 05:45:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	47727	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	199773	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120074	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	279826	20.00	ng	0.00
76) Chrysene-d12	21.75	240	269968	20.00	ng	0.00
87) Perylene-d12	25.07	264	267742	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	401461	145.23	ng	0.00
7) Phenol-d6	7.24	99	534041	135.34	ng	0.00
23) Nitrobenzene-d5	9.26	82	250450	67.11	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	180051	131.48	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	548472	66.55	ng	0.00
79) Terphenyl-d14	20.07	244	838537	73.09	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	57038	43.685	ng	98
3) Pyridine	3.92	79	126394	33.935	ng	99
4) n-Nitrosodimethylamine	3.84	42	64616	47.819	ng	# 95
6) Aniline	7.41	93	187328	36.784	ng	96
8) 2-Chlorophenol	7.65	128	147546	46.000	ng	96
9) Benzaldehyde	7.22	77	96497	33.817	ng	98
10) Phenol	7.26	94	192509	46.060	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	143303	41.998	ng	97
12) 1,3-Dichlorobenzene	7.97	146	150284	40.671	ng	96
13) 1,4-Dichlorobenzene	8.12	146	155311	41.609	ng	96
14) 1,2-Dichlorobenzene	8.44	146	147784	41.470	ng	99
15) Benzyl Alcohol	8.32	79	131938	46.210	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	275297	43.450	ng	99
17) 2-Methylphenol	8.52	107	132645	46.942	ng	98
18) Hexachloroethane	9.16	117	56716	41.751	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	115383	40.413	ng	97
20) 3+4-Methylphenols	8.85	107	180597	45.085	ng	98
22) Acetophenone	8.92	105	216633	43.584	ng	# 99
24) Nitrobenzene	9.30	77	172088	45.077	ng	95
25) Isophorone	9.82	82	321015	47.790	ng	97
26) 2-Nitrophenol	10.02	139	83930	44.038	ng	97
27) 2,4-Dimethylphenol	10.06	122	148836	51.832	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	197449	45.969	ng	96
29) 2,4-Dichlorophenol	10.54	162	150623	46.633	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	154171	42.595	ng	98
31) Naphthalene	10.96	128	455006	46.307	ng	99
32) Benzoic acid	10.20	122	88143	47.756	ng	98
33) 4-Chloroaniline	11.07	127	121210	26.519	ng	97
34) Hexachlorobutadiene	11.22	225	89531	40.192	ng	99
35) Caprolactam	11.85	113	36567	28.284	ng	93
36) 4-Chloro-3-methylphenol	12.17	107	162390	46.020	ng	96
37) 2-Methylnaphthalene	12.55	142	329256	46.650	ng	97
38) 1-Methylnaphthalene	12.77	142	313423	46.134	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	169075	42.139	ng	99

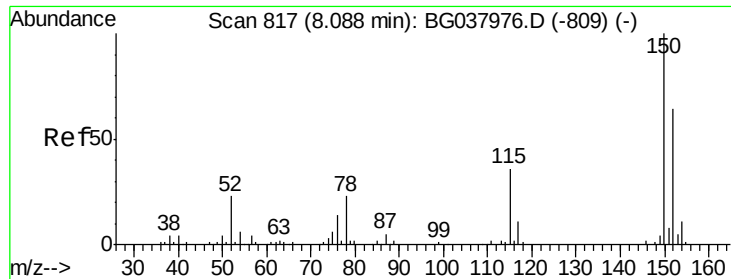
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038057.D
 Acq On : 17 Nov 2018 6:27
 Operator : JU/SJ
 Sample : PB114894BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 05:45:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	216227	100.641	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	121475	44.429	ng	100
44) 2,4,5-Trichlorophenol	13.22	196	129369	44.969	ng	97
46) 1,1'-Biphenyl	13.55	154	421948	41.829	ng	100
47) 2-Chloronaphthalene	13.60	162	333706	43.352	ng	100
48) 2-Nitroaniline	13.81	65	112980	46.634	ng	95
49) Acenaphthylene	14.45	152	549759	47.493	ng	99
50) Dimethylphthalate	14.17	163	420889	44.215	ng	99
51) 2,6-Dinitrotoluene	14.30	165	97335	45.179	ng	96
52) Acenaphthene	14.79	154	316918	45.477	ng	99
53) 3-Nitroaniline	14.63	138	80745	33.965	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	103758	88.162	ng	92
55) Dibenzofuran	15.12	168	509297	44.198	ng	100
56) 4-Nitrophenol	14.93	139	168282	91.780	ng	96
57) 2,4-Dinitrotoluene	15.09	165	136723	46.642	ng	98
58) Fluorene	15.77	166	411795	47.896	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113740	47.249	ng	97
60) Diethylphthalate	15.53	149	438225	43.342	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	208718	41.488	ng	97
62) 4-Nitroaniline	15.80	138	110100	46.620	ng	95
63) Azobenzene	16.05	77	411100	45.475	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	77557	43.820	ng	97
66) n-Nitrosodiphenylamine	15.97	169	368878	43.574	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	131955	42.963	ng	99
68) Hexachlorobenzene	16.76	284	135014	42.588	ng	98
69) Atrazine	16.91	200	139562	44.722	ng	96
70) Pentachlorophenol	17.11	266	167493	77.791	ng	96
71) Phenanthrene	17.51	178	673853	47.035	ng	100
72) Anthracene	17.60	178	688312	48.739	ng	99
73) Carbazole	17.88	167	636300	44.908	ng	100
74) Di-n-butylphthalate	18.41	149	754464	47.435	ng	99
75) Fluoranthene	19.52	202	804688	49.229	ng	100
77) Benzidine	19.70	184	383526	40.486	ng	99
78) Pyrene	19.88	202	807856	45.769	ng	99
80) Butylbenzylphthalate	20.75	149	357684	46.339	ng	96
81) Benzo(a)anthracene	21.73	228	766557	46.986	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	194131	30.548	ng	99
83) Chrysene	21.80	228	709716	45.467	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	498481	45.284	ng	100
85) Di-n-octyl phthalate	22.84	149	859330	48.253	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	850297	49.047	ng	# 90
88) Benzo(b)fluoranthene	24.01	252	765219	51.936	ng	99
89) Benzo(k)fluoranthene	24.01	252	765219	52.633	ng	98
90) Benzo(a)pyrene	24.92	252	735224	52.214	ng	97
91) Dibenzo(a,h)anthracene	28.95	278	700720	51.720	ng	97
92) Benzo(g,h,i)perylene	30.08	276	708655	52.605	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

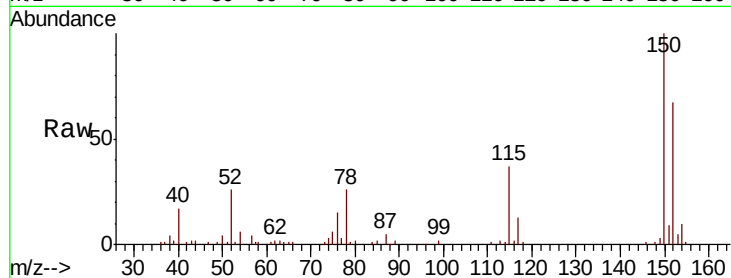
Tot Ion:152 Resp: 47727

Ion Ratio Lower Upper

152 100

150 148.3 126.0 189.0

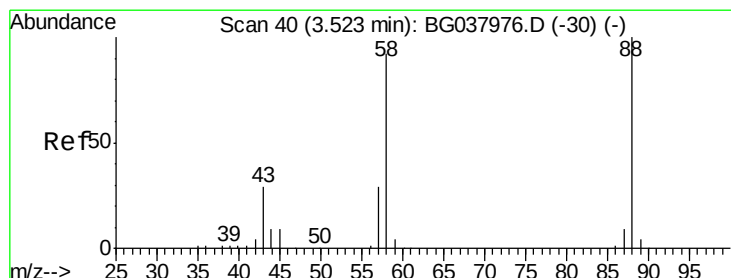
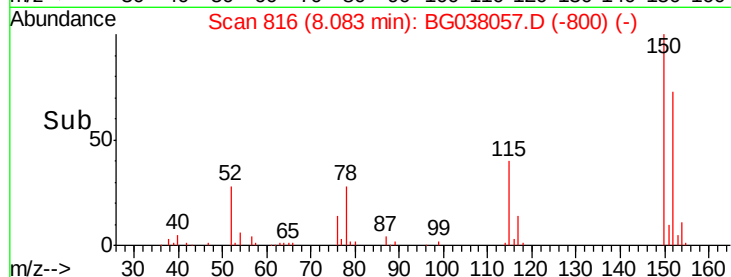
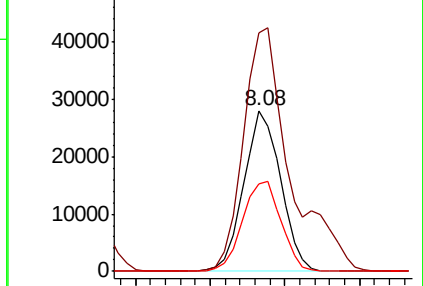
115 54.8 45.5 68.3



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: 43.685 ng

RT: 3.51 min Scan# 38

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

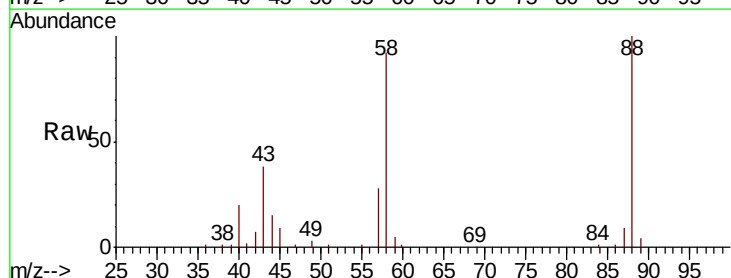
Tgt Ion: 88 Resp: 57038

Ion Ratio Lower Upper

88 100

58 91.3 74.4 111.6

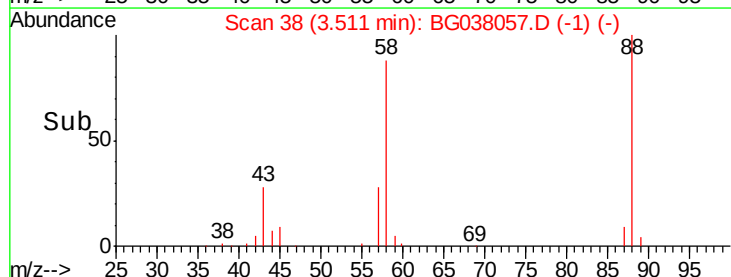
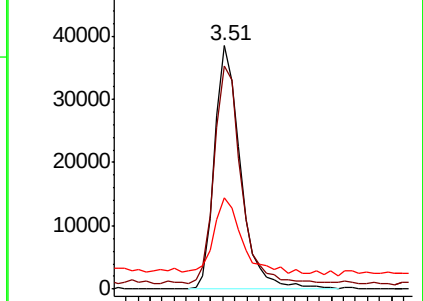
43 33.8 25.8 38.8

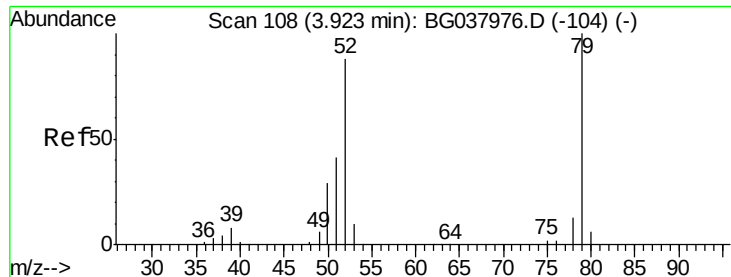


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.935 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

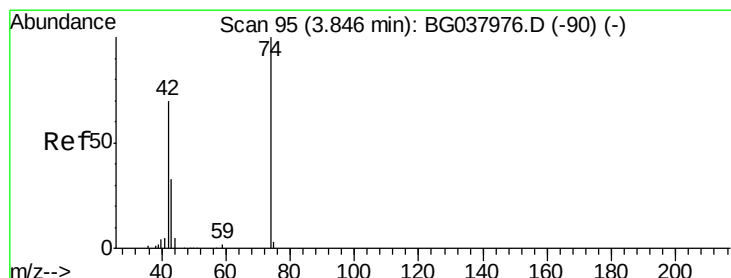
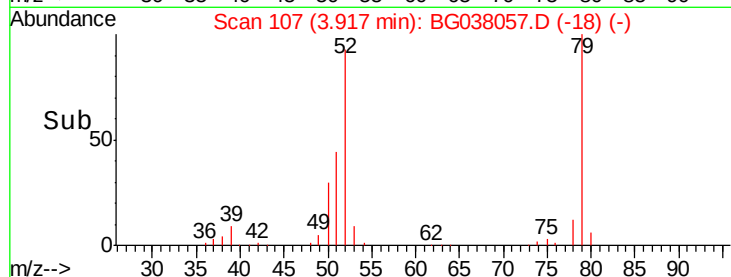
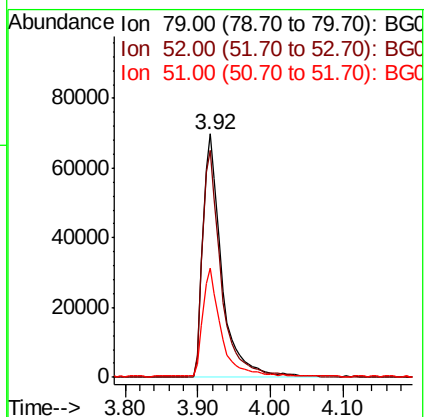
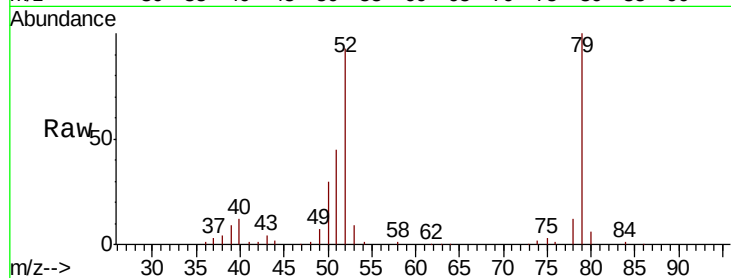
Tot Ion: 79 Resp: 126394

Ion Ratio Lower Upper

79 100

52 93.2 74.2 111.2

51 45.1 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 47.819 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

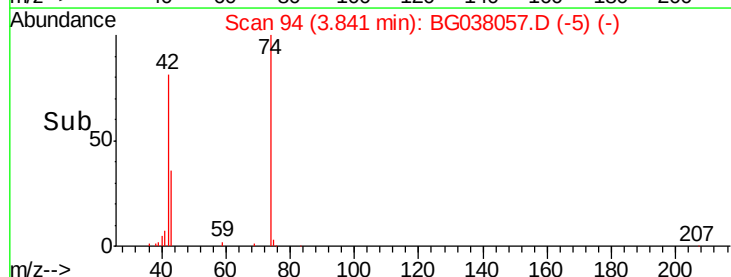
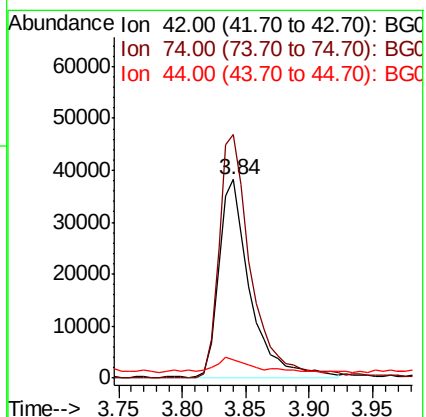
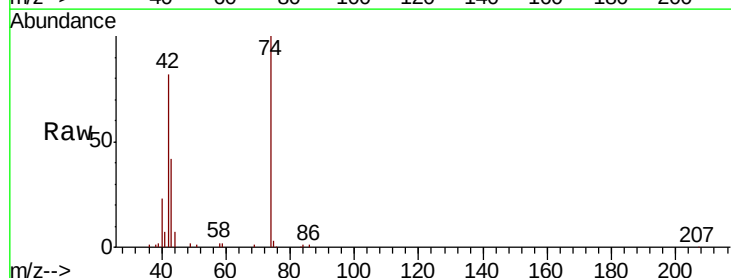
Tgt Ion: 42 Resp: 64616

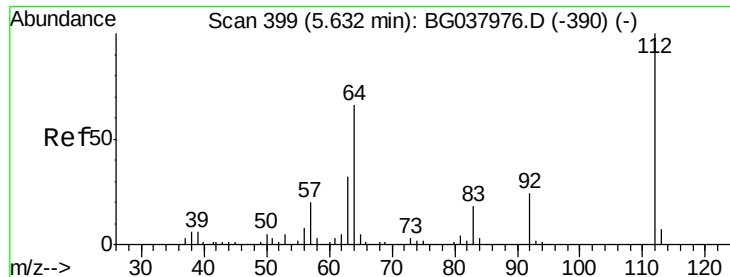
Ion Ratio Lower Upper

42 100

74 122.6 102.0 153.0

44 9.2 9.6 14.4#





#5

2-Fluorophenol

Concen: 145.232 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

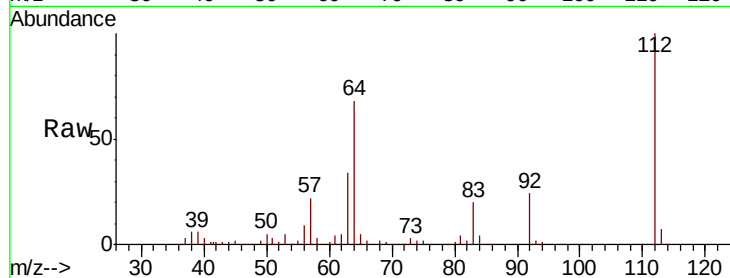
Tot Ion:112 Resp: 401461

Ion Ratio Lower Upper

112 100

64 68.3 53.1 79.7

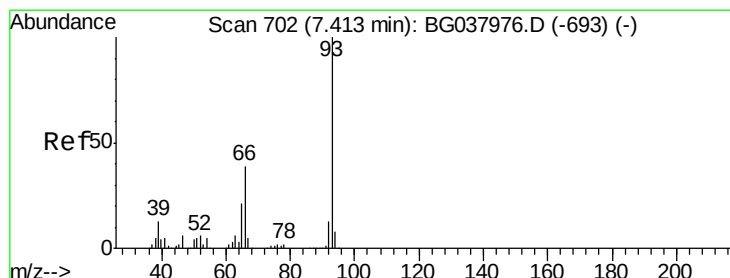
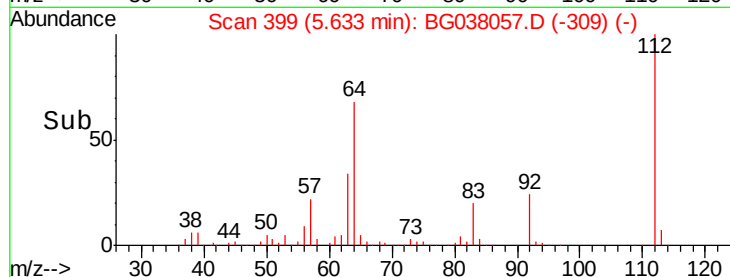
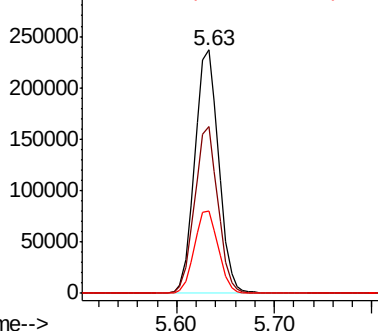
63 34.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.784 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

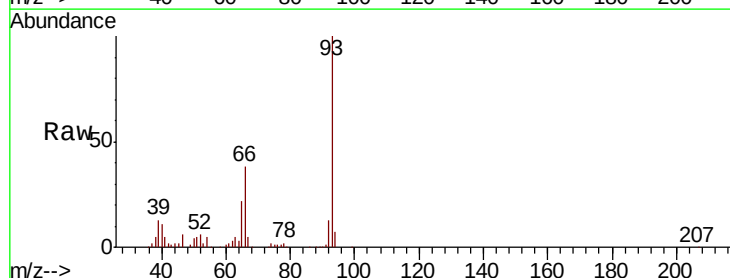
Tgt Ion: 93 Resp: 187328

Ion Ratio Lower Upper

93 100

66 38.0 32.8 49.2

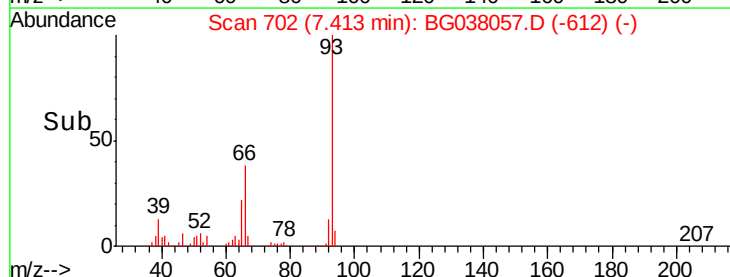
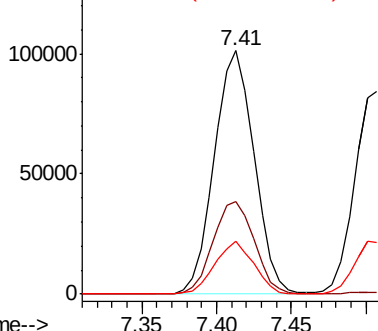
65 21.7 16.4 24.6

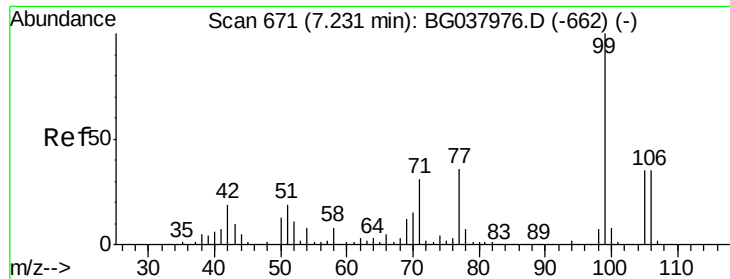


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.343 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

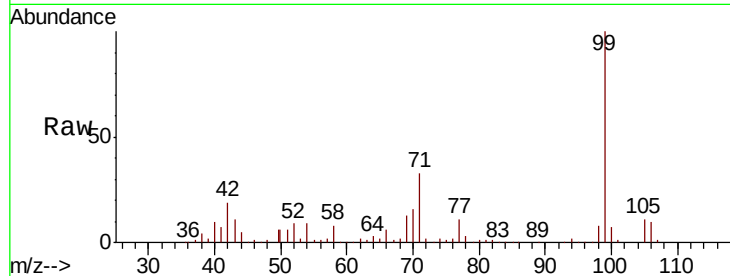
Tot Ion: 99 Resp: 534041

Ion Ratio Lower Upper

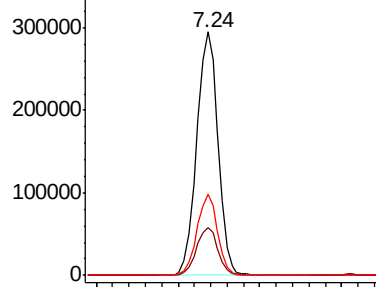
99 100

42 19.5 15.0 22.4

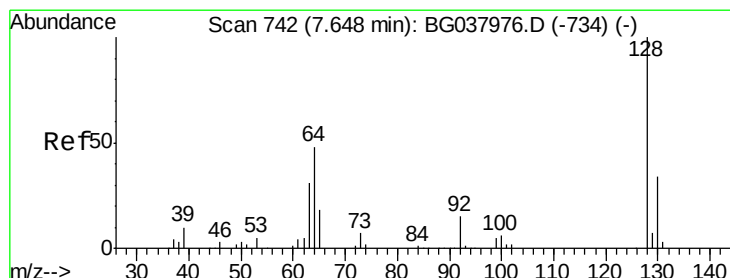
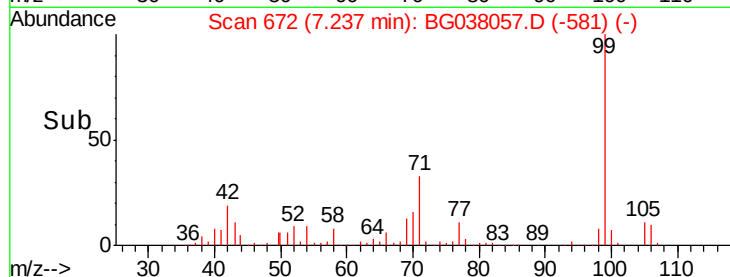
71 33.3 25.5 38.3



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



Time-->



#8

2-Chlorophenol

Concen: 46.000 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

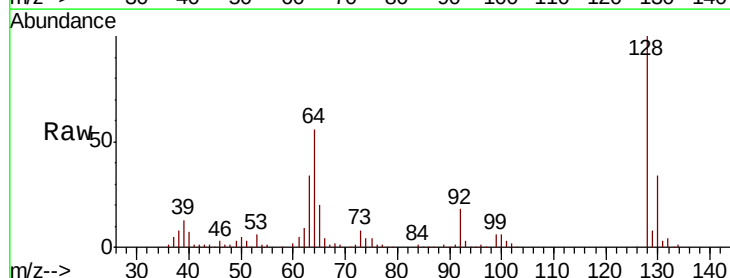
Tgt Ion: 128 Resp: 147546

Ion Ratio Lower Upper

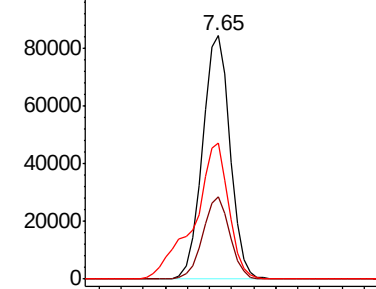
128 100

130 33.8 12.0 52.0

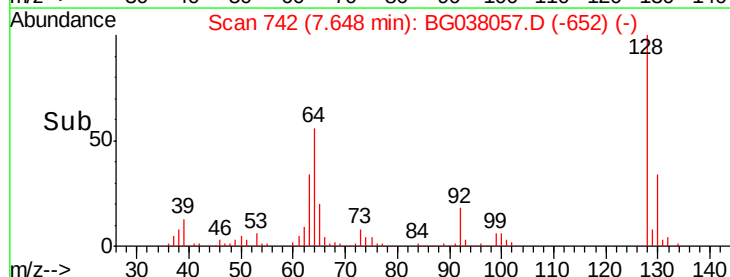
64 55.8 32.9 72.9

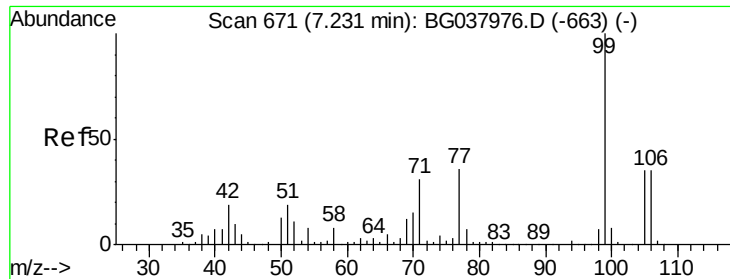


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 33.817 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

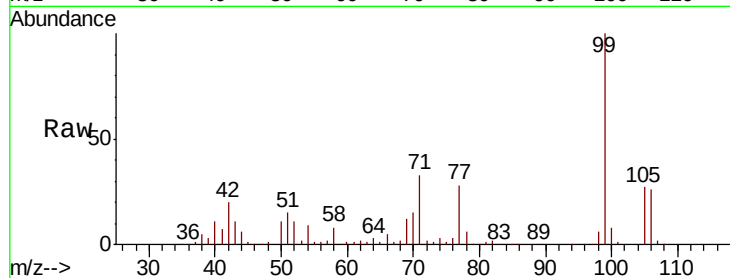
Tot Ion: 77 Resp: 96497

Ion Ratio Lower Upper

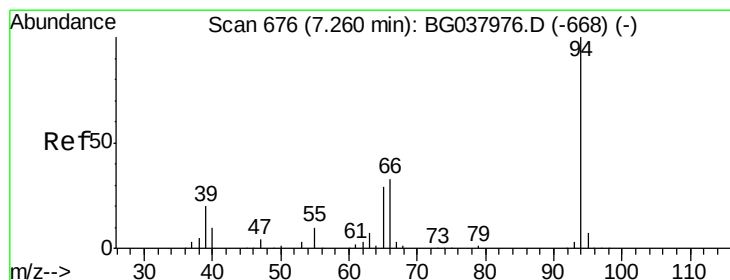
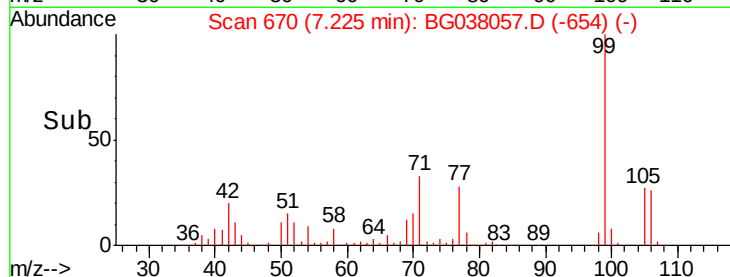
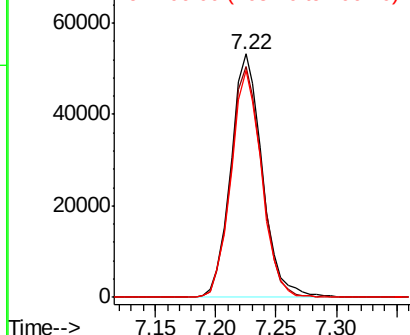
77 100

105 94.9 72.6 112.6

106 93.4 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: 46.060 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

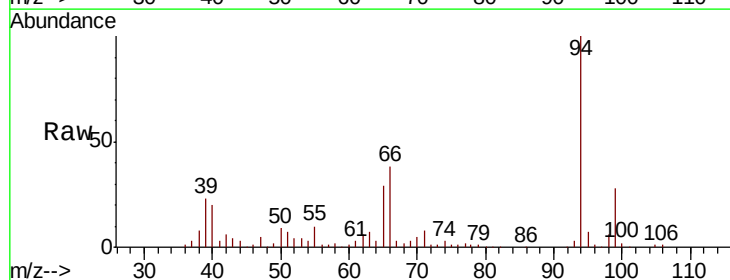
Tgt Ion: 94 Resp: 192509

Ion Ratio Lower Upper

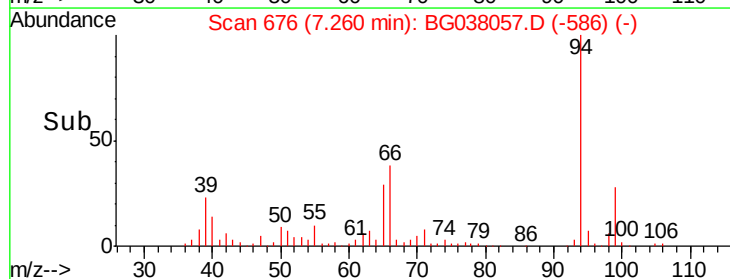
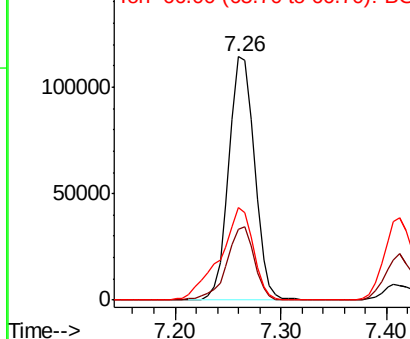
94 100

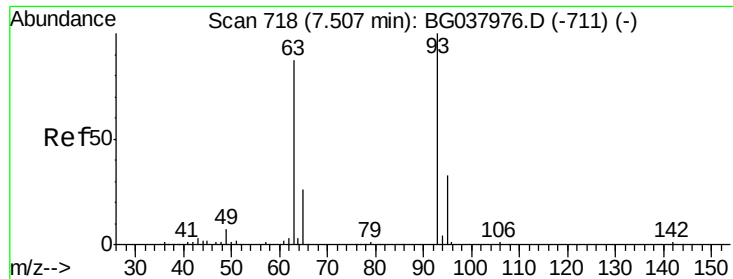
65 29.3 9.7 49.7

66 38.0 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

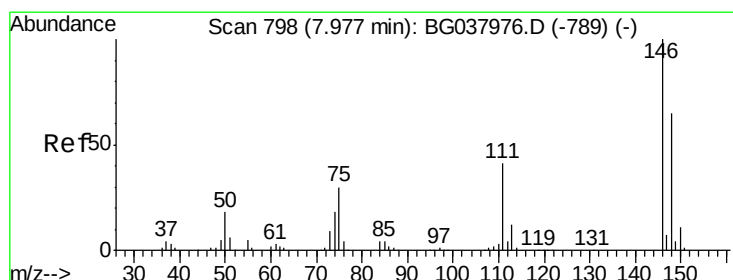
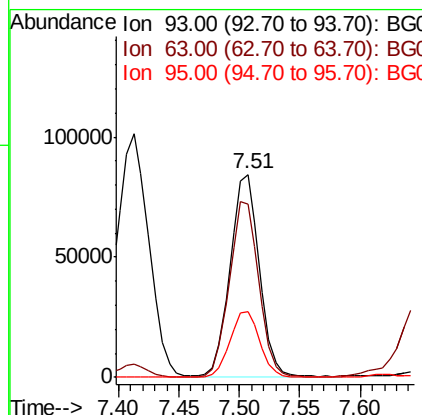
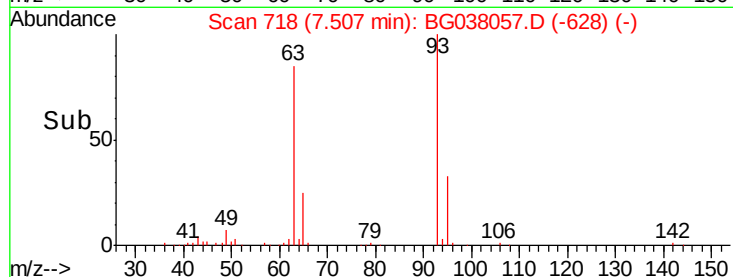
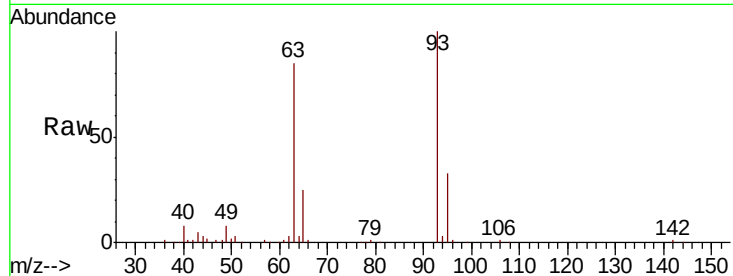




#11
bis(2-Chloroethyl)ether
Concen: 41.998 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

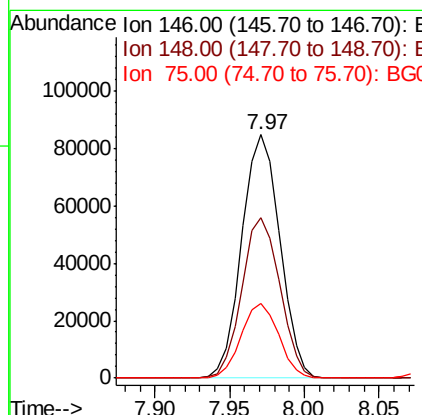
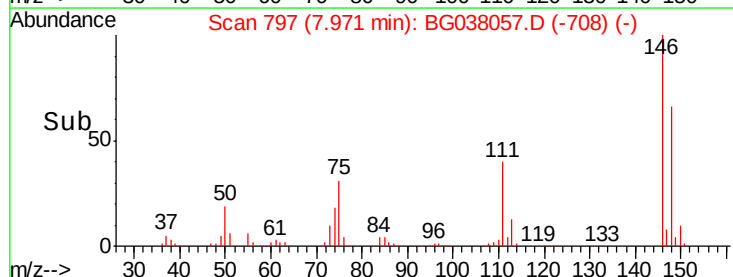
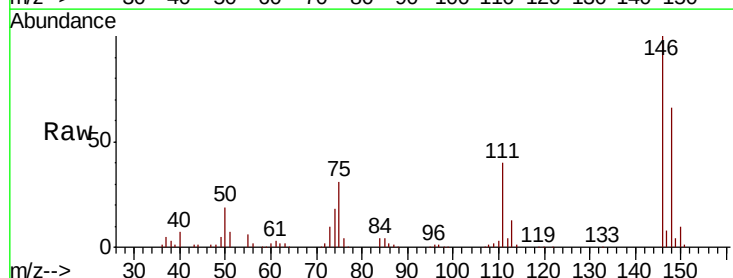
Instrument :
BNA_G
ClientSampleId :

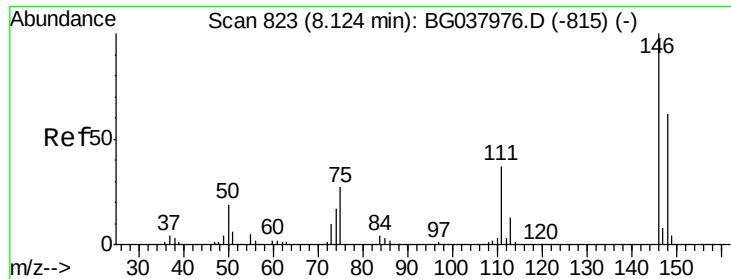
Tot Ion: 93 Resp: 143303
Ion Ratio Lower Upper
93 100
63 85.4 69.5 109.5
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.671 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion: 146 Resp: 150284
Ion Ratio Lower Upper
146 100
148 65.6 49.8 74.8
75 30.5 23.2 34.8

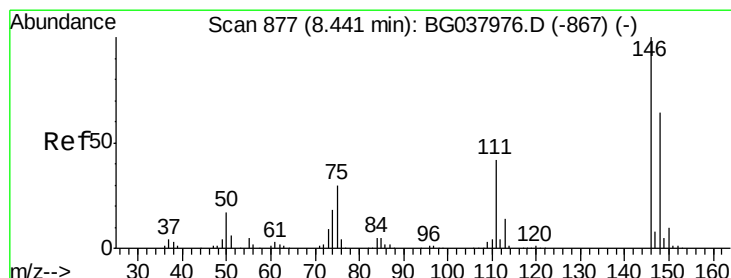
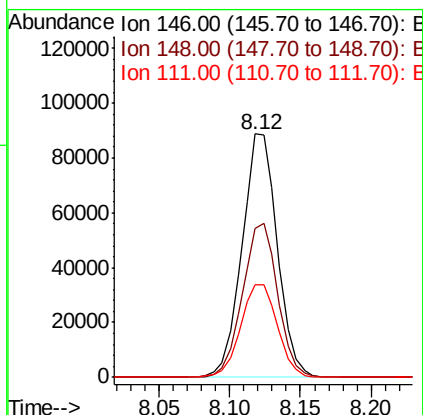
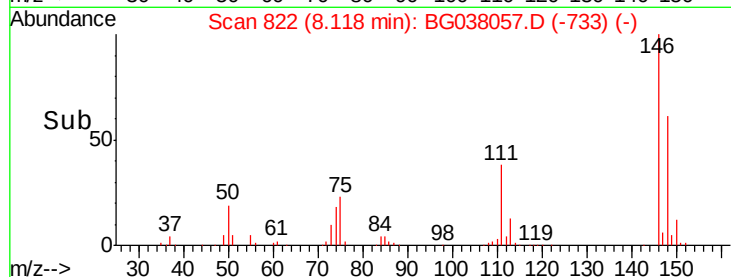
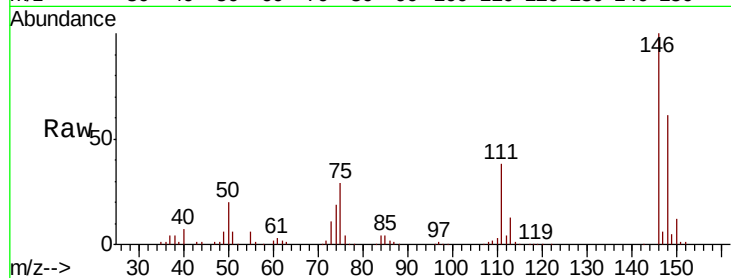




#13
 1,4-Dichlorobenzene
 Concen: 41.609 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

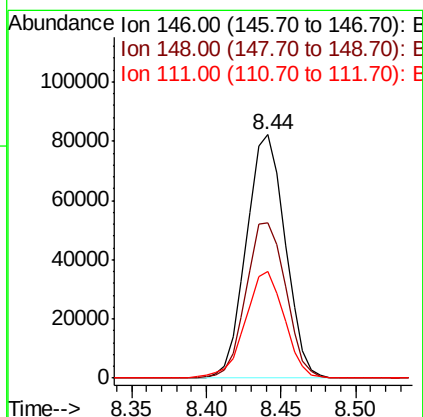
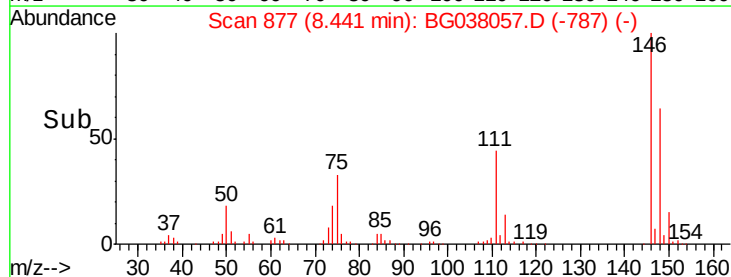
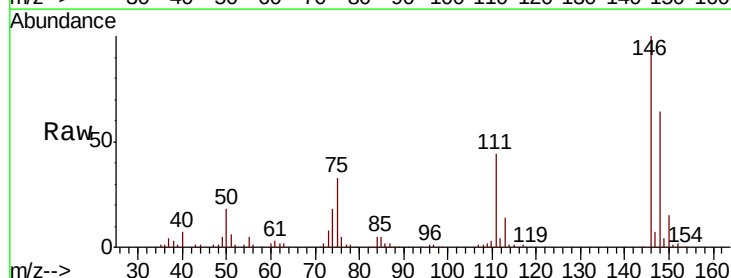
Instrument :
 BNA_G
 ClientSampled :

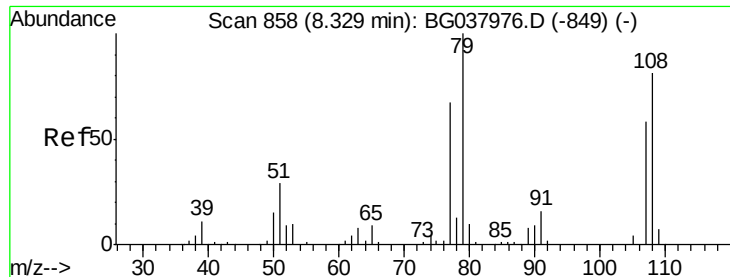
Tot Ion:146 Resp: 155311
 Ion Ratio Lower Upper
 146 100
 148 61.0 51.0 76.6
 111 38.0 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 41.470 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion:146 Resp: 147784
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 43.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 46.210 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

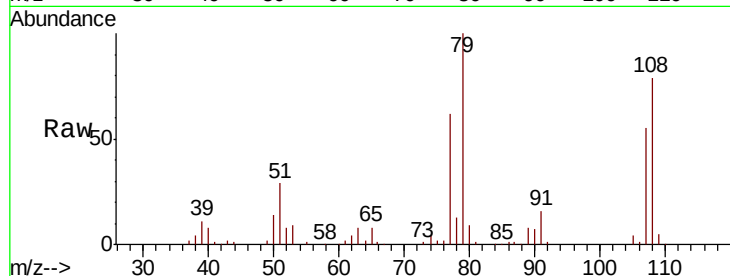
Tot Ion: 79 Resp: 131938

Ion Ratio Lower Upper

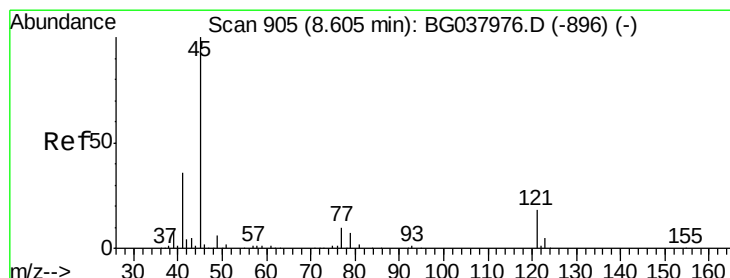
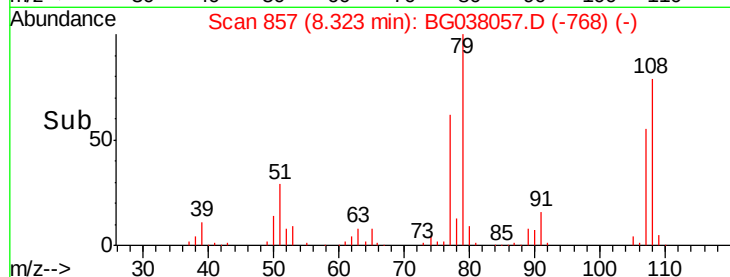
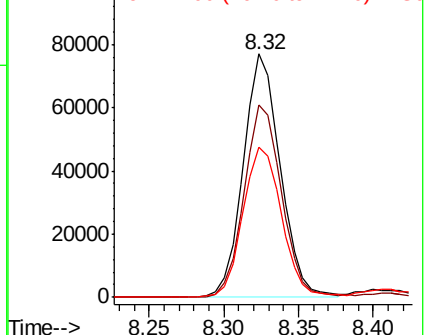
79 100

108 79.2 65.8 98.8

77 61.9 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: 43.450 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

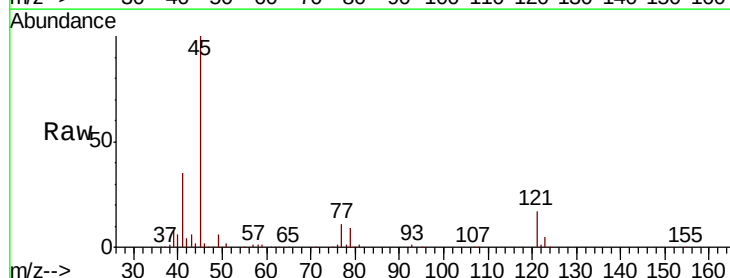
Tgt Ion: 45 Resp: 275297

Ion Ratio Lower Upper

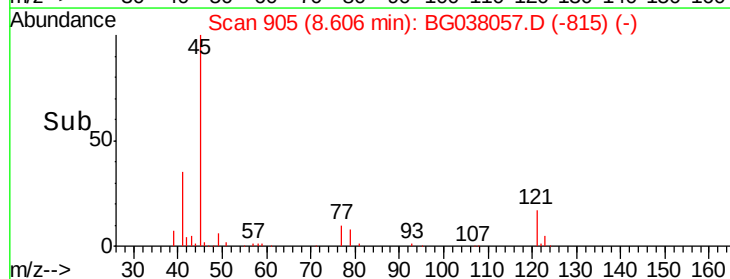
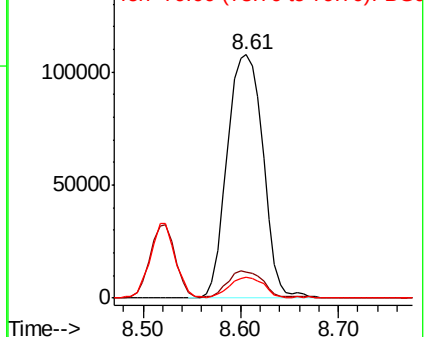
45 100

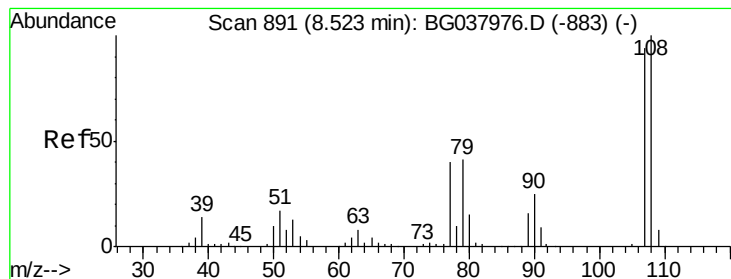
77 10.5 0.0 30.0

79 8.7 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

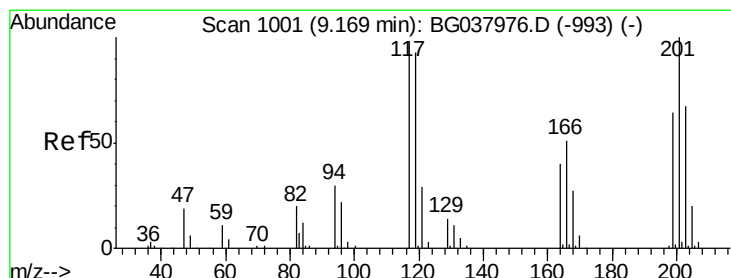
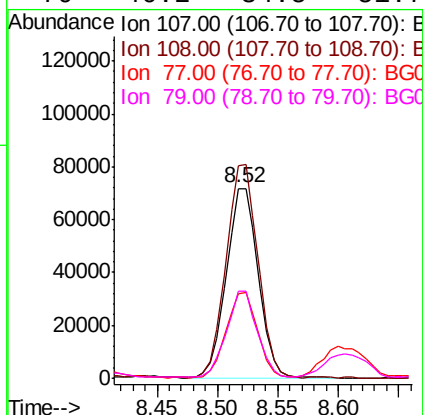
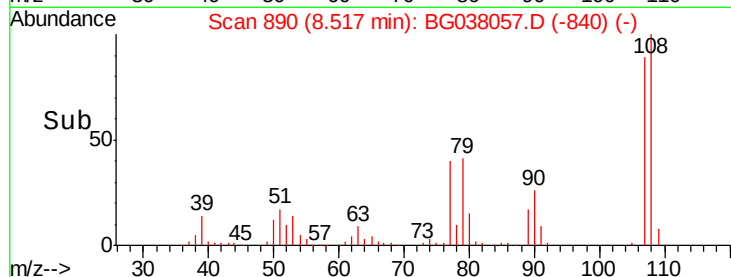
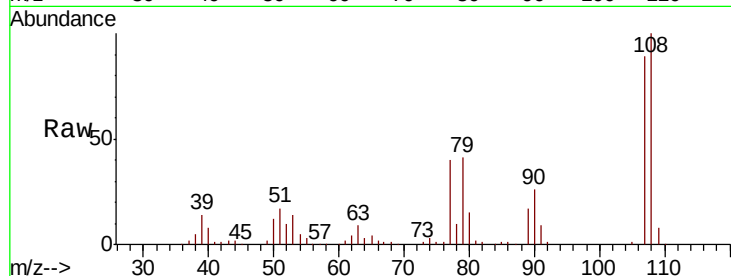




#17
2-Methylphenol
Concen: 46.942 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

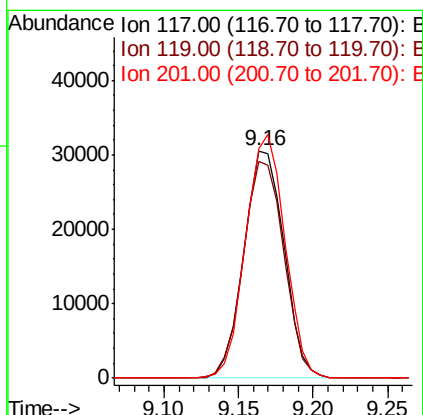
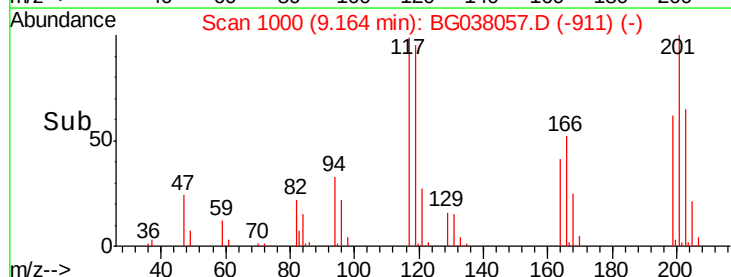
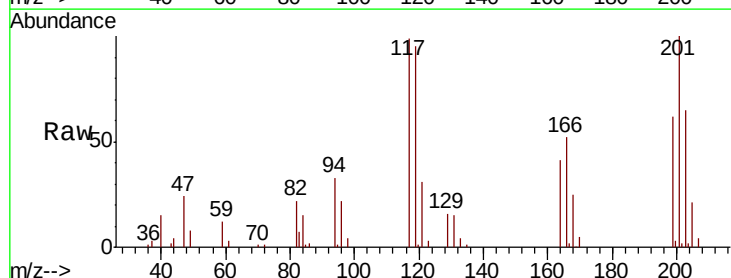
Instrument :
BNA_G
ClientSampleId :

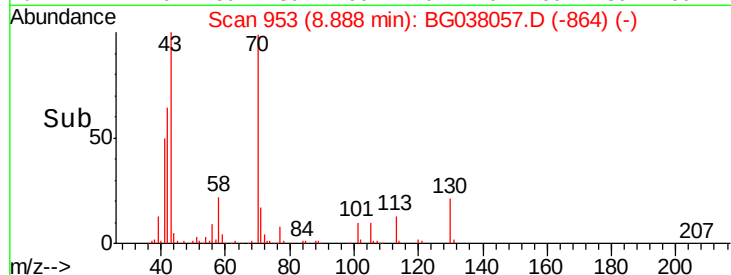
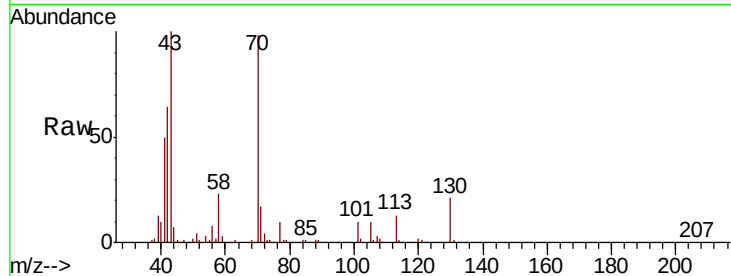
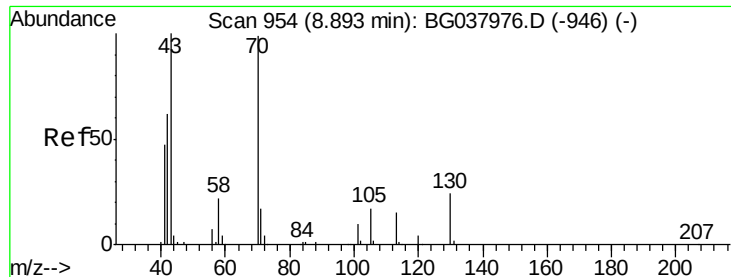
Tot Ion:	107	Resp:	132645
Ion	Ratio	Lower	Upper
107	100		
108	112.0	87.9	131.9
77	44.7	35.1	52.7
79	46.2	34.5	51.7



#18
Hexachloroethane
Concen: 41.751 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:	117	Resp:	56716
Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	111.8
201	103.5	80.8	121.2

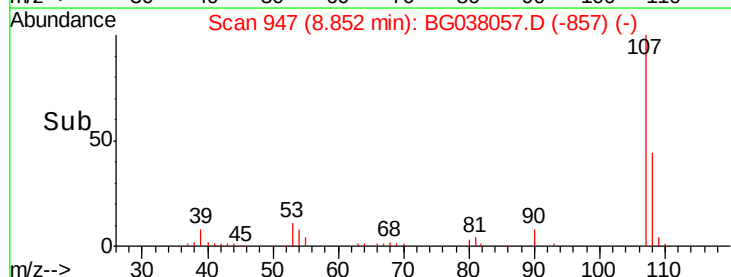
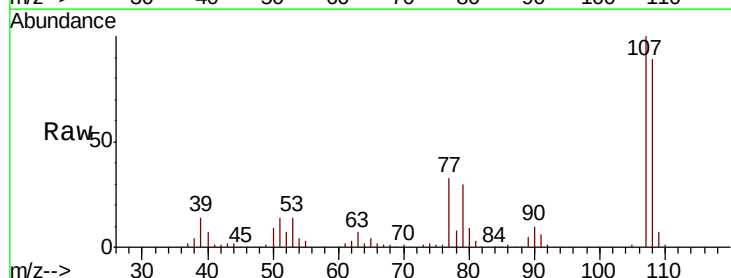
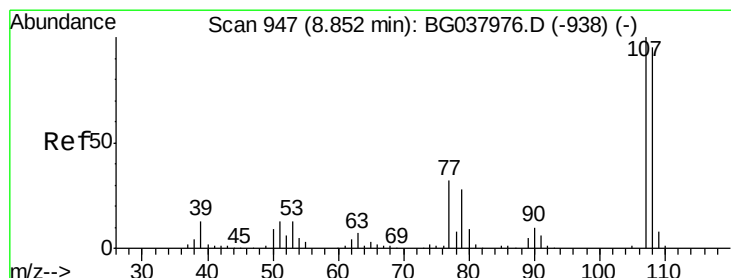
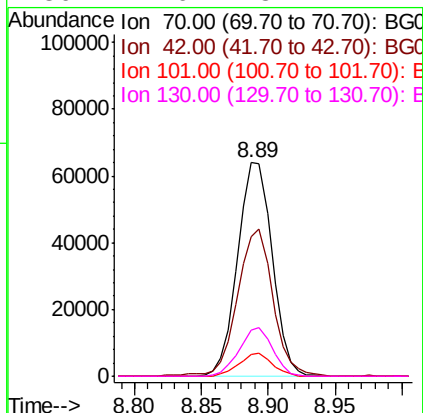




#19
n-Nitroso-di-n-propylamine
Concen: 40.413 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

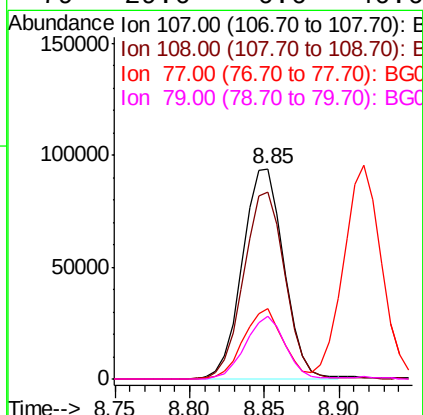
Instrument :
BNA_G
ClientSampleId :

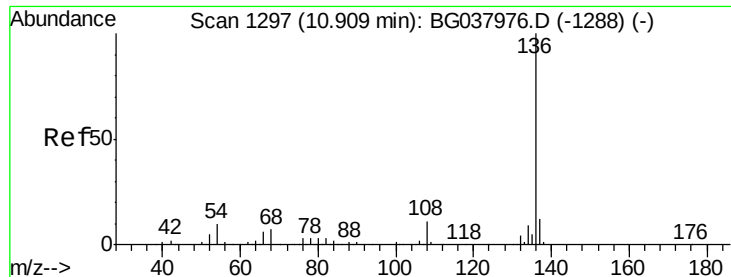
Tot Ion:	70	Resp:	115383
Ion	Ratio	Lower	Upper
70	100		
42	65.1	53.9	80.9
101	10.0	8.2	12.2
130	21.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.085 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:	107	Resp:	180597
Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	33.4	11.2	51.2
79	29.6	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 199773

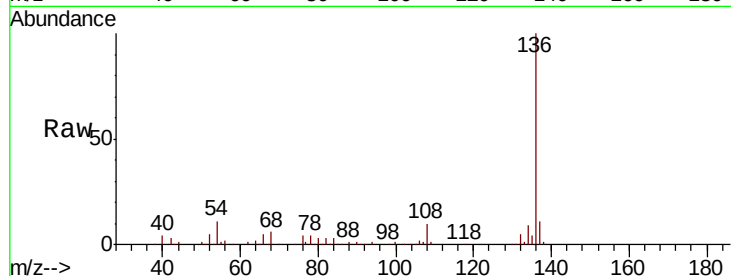
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 11.0 7.9 11.9

68 6.4 4.8 7.2

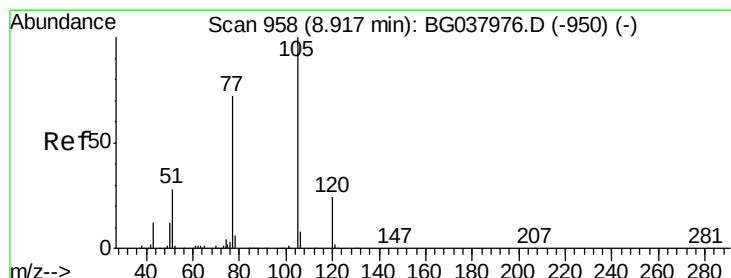
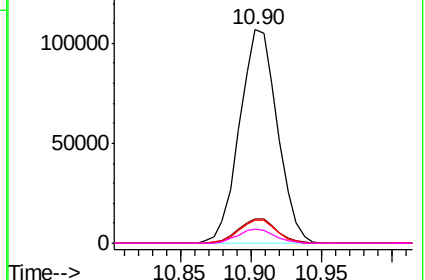
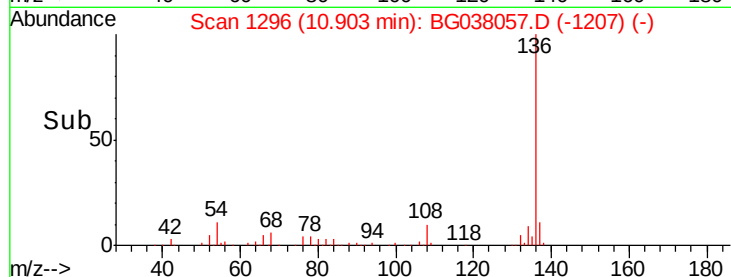


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.584 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:105 Resp: 216633

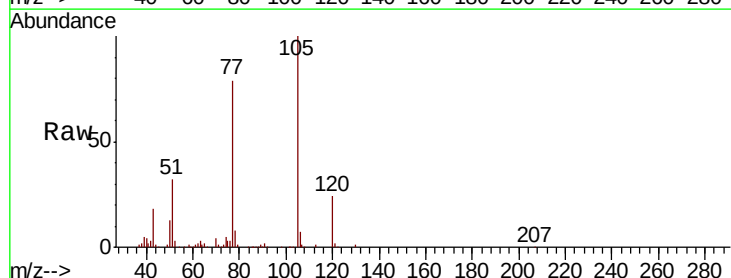
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 32.2 25.0 37.6

120 23.8 18.6 28.0

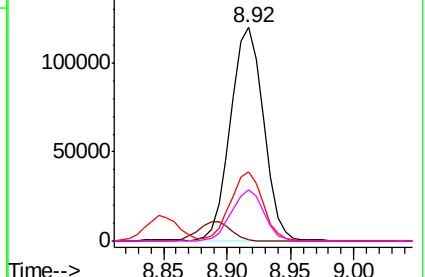
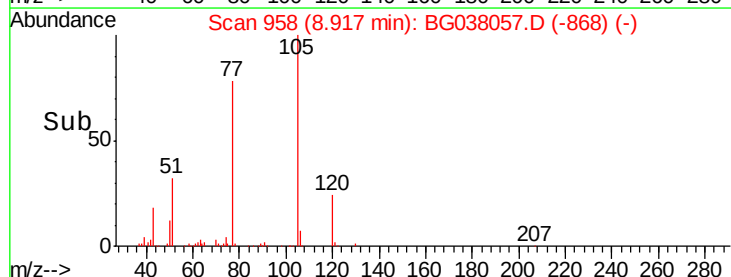


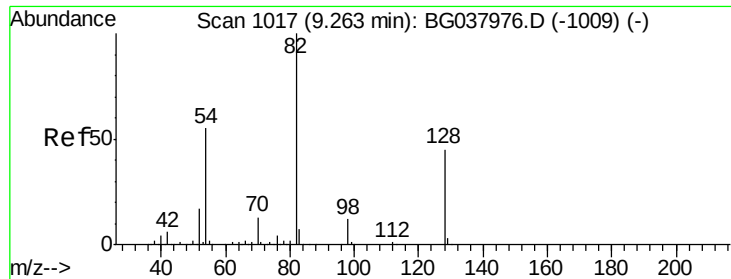
Abundance Ion 105.00 (104.70 to 105.70): E

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

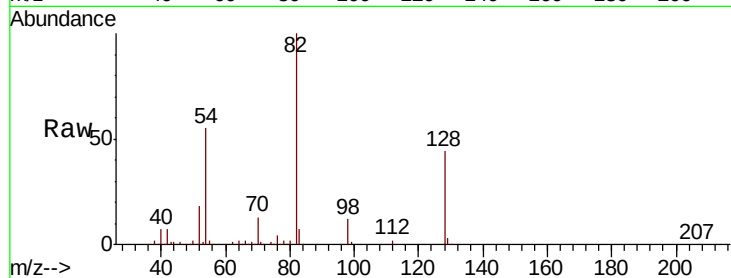




#23
 Nitrobenzene-d5
 Concen: 67.110 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	250450
Ion Ratio	100	Lower	Upper
128	43.9	34.6	51.8
54	55.3	45.3	67.9

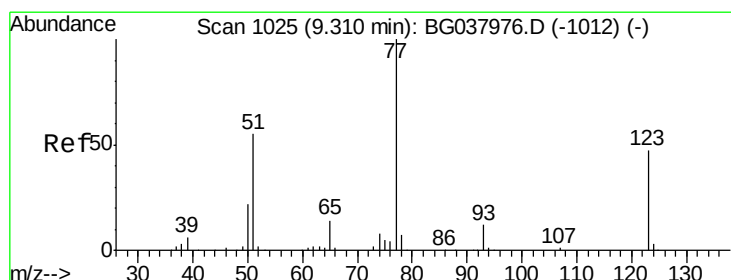
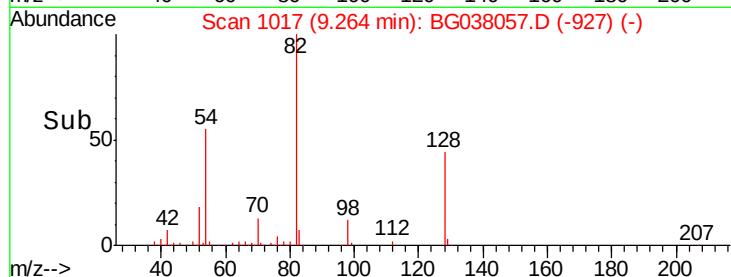
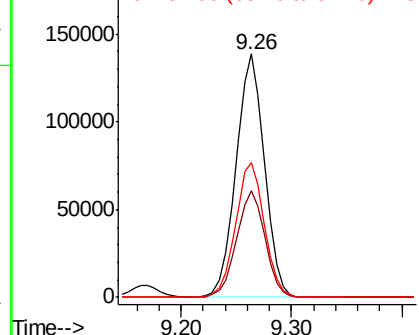


Abundance

Ion 82.00 (81.70 to 82.70): BGC

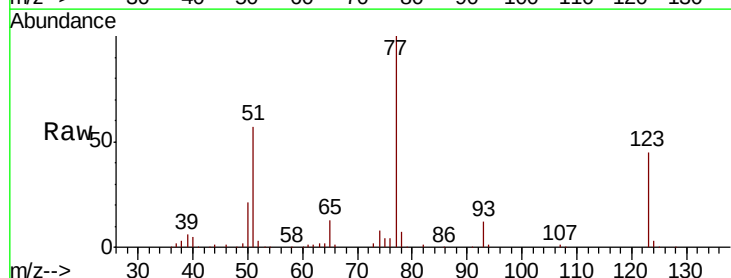
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 45.077 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	77	Resp	172088
Ion Ratio	100	Lower	Upper
123	45.2	33.6	50.4
65	12.6	11.3	16.9

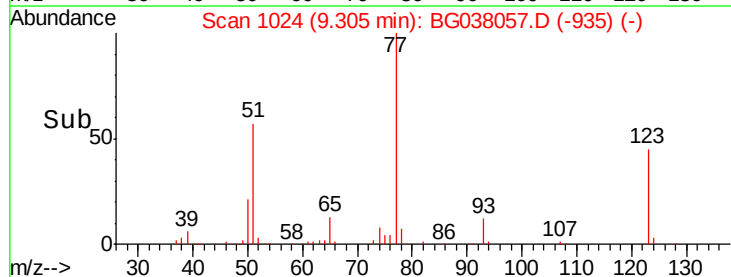
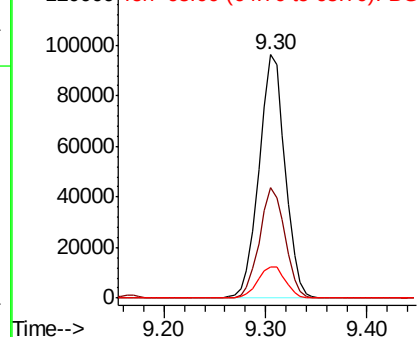


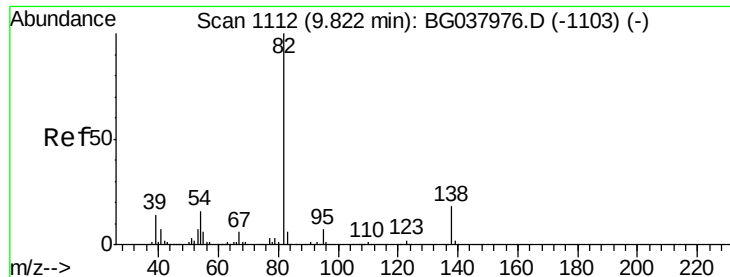
Abundance

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: 47.790 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

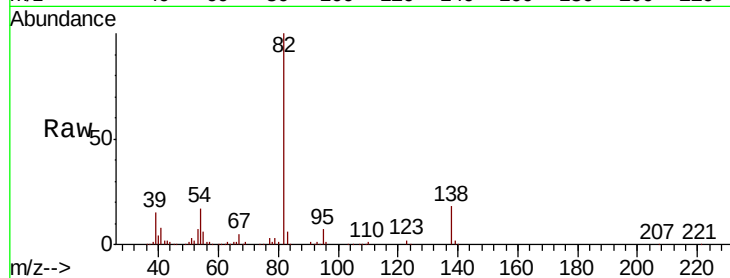
Tot Ion: 82 Resp: 321015

Ion Ratio Lower Upper

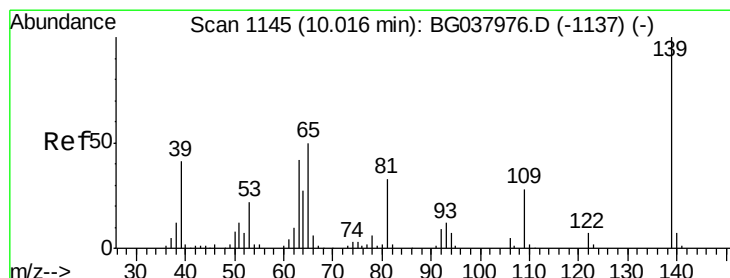
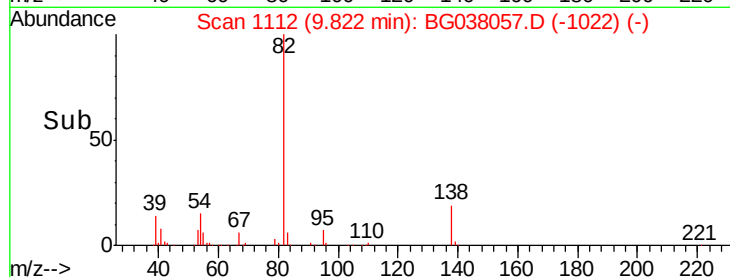
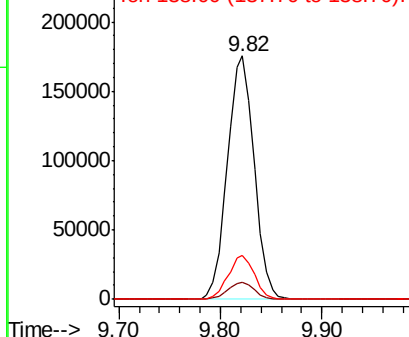
82 100

95 7.1 5.3 7.9

138 18.1 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: 44.038 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

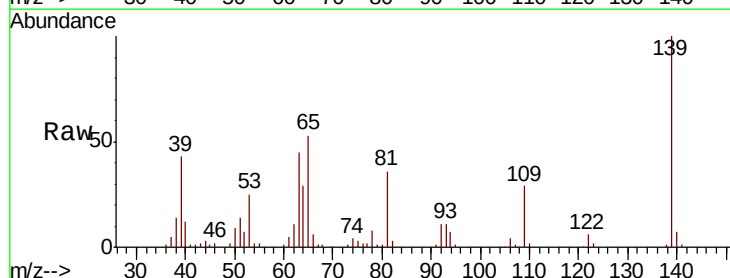
Tgt Ion: 139 Resp: 83930

Ion Ratio Lower Upper

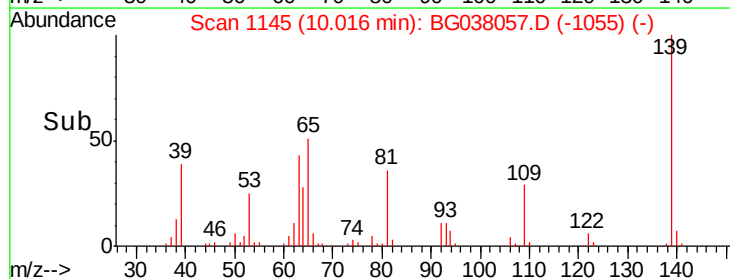
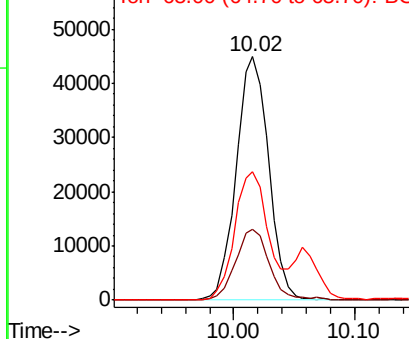
139 100

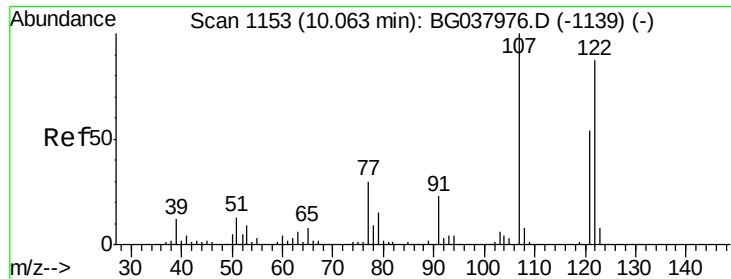
109 29.0 23.3 34.9

65 53.0 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

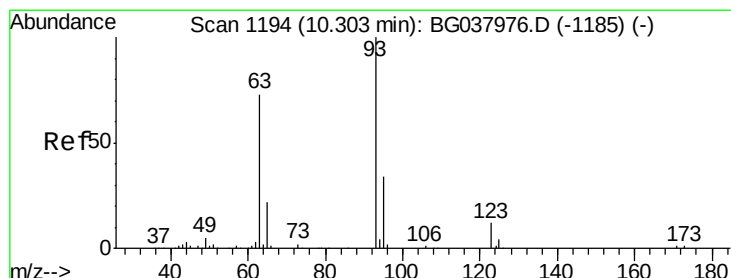
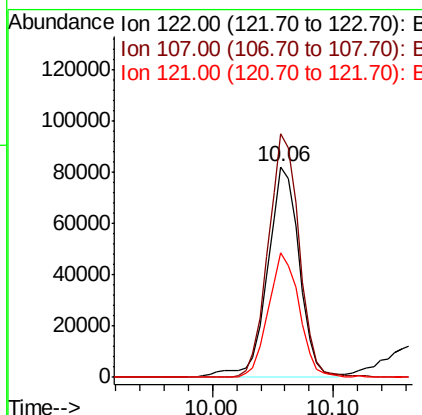
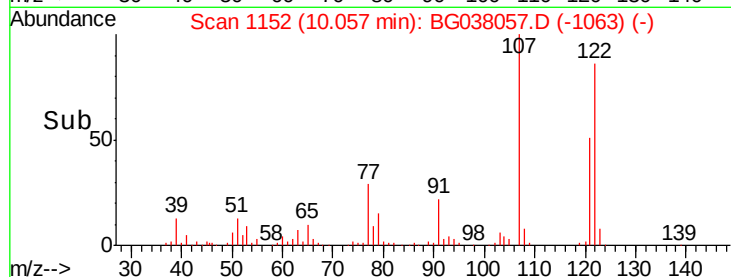
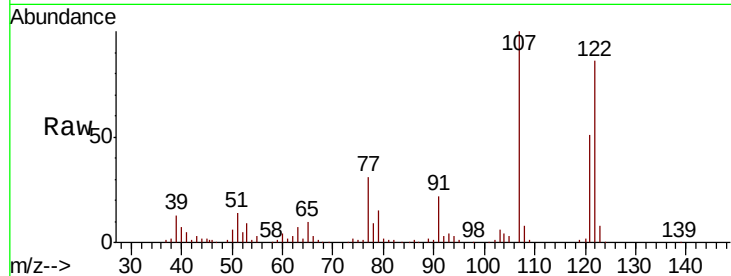




#27
 2,4-Dimethylphenol
 Concen: 51.832 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

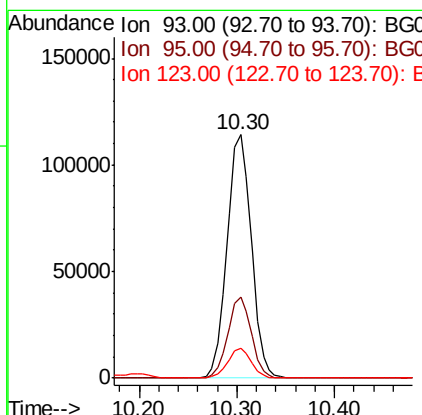
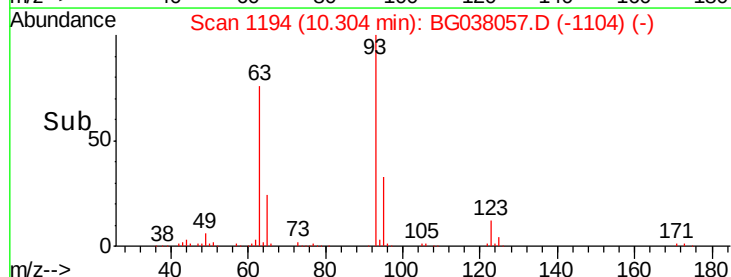
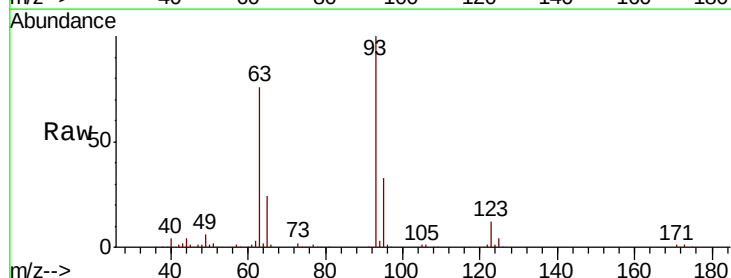
Instrument :
 BNA_G
 ClientSampleId :

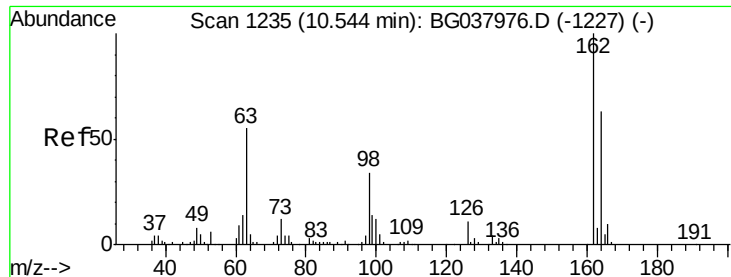
Tot Ion:122 Resp: 148836
 Ion Ratio Lower Upper
 122 100
 107 115.7 94.2 141.2
 121 59.1 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.969 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion: 93 Resp: 197449
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.6 37.0
 123 12.1 9.1 13.7

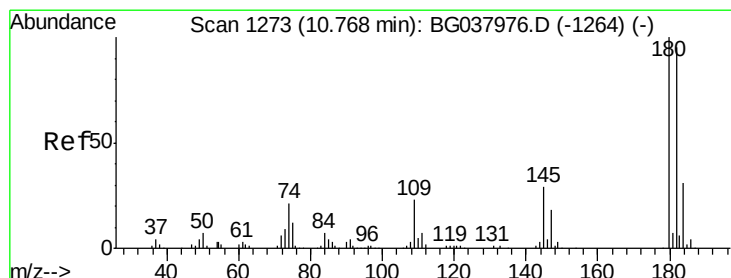
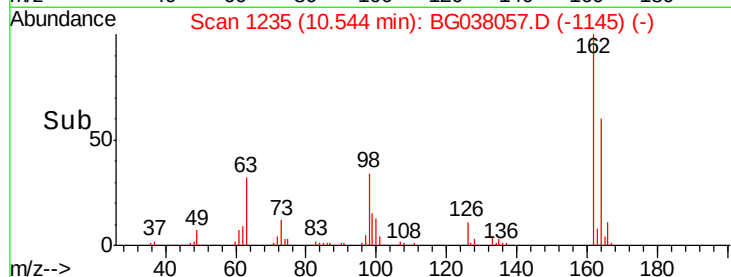
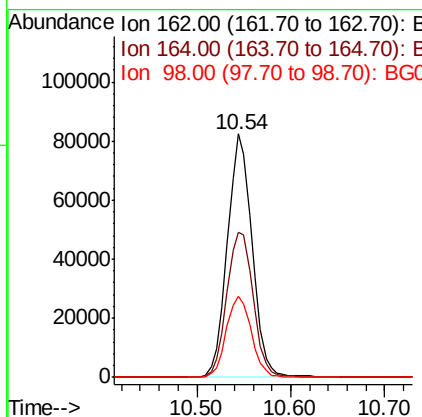
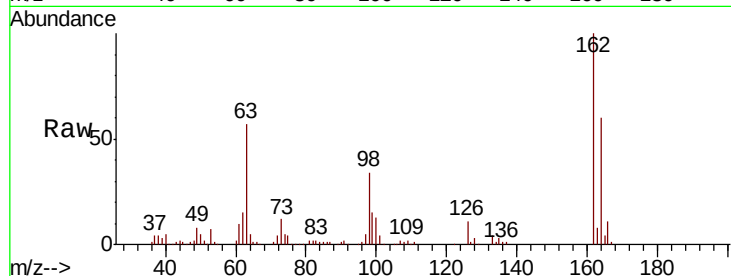




#29
 2,4-Dichlorophenol
 Concen: 46.633 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

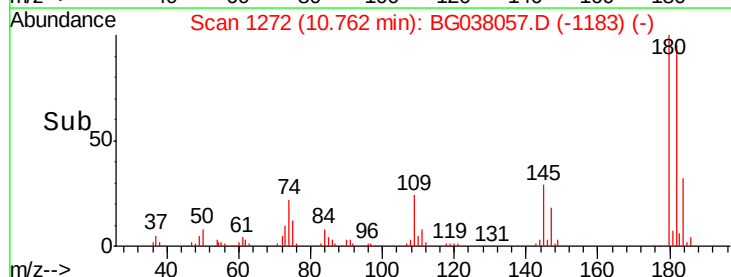
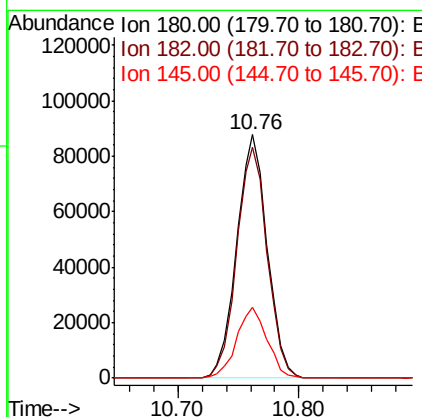
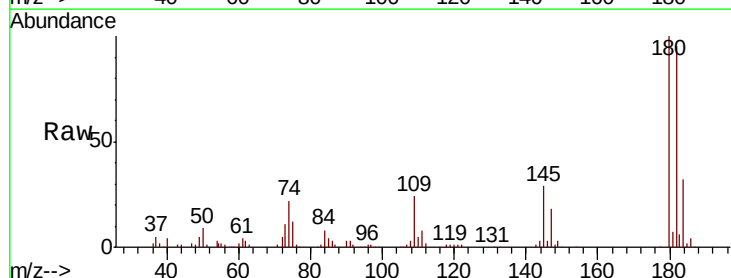
Instrument :
 BNA_G
 ClientSampled :

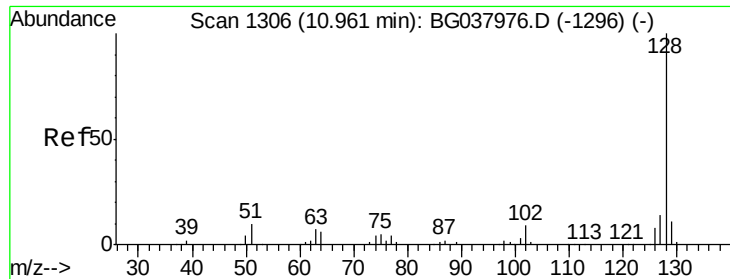
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.6	43.2	83.2
98	33.5	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.595 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.7	116.5
145	29.2	23.3	34.9

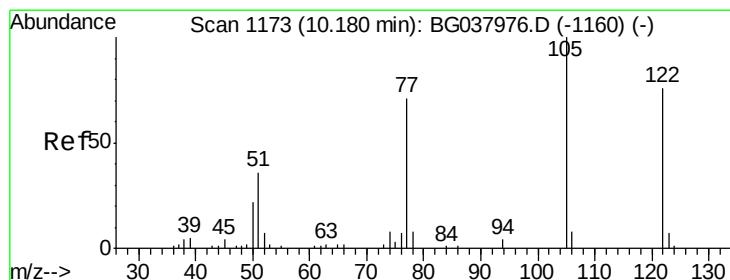
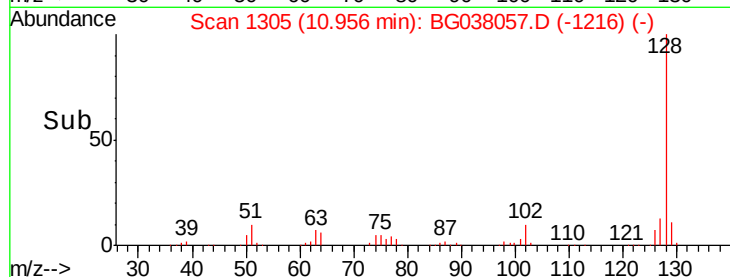
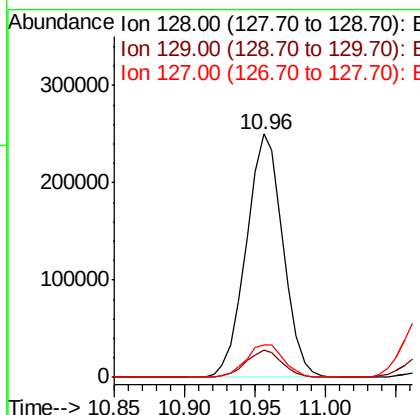
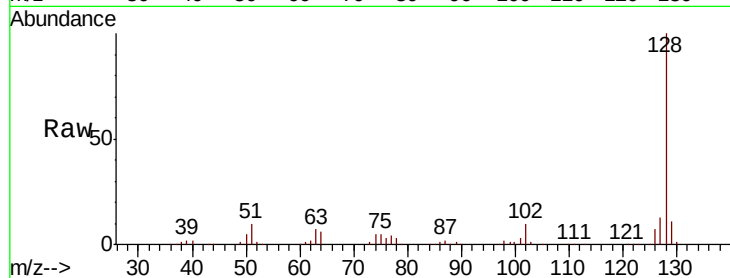




#31
Naphthalene
Concen: 46.307 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

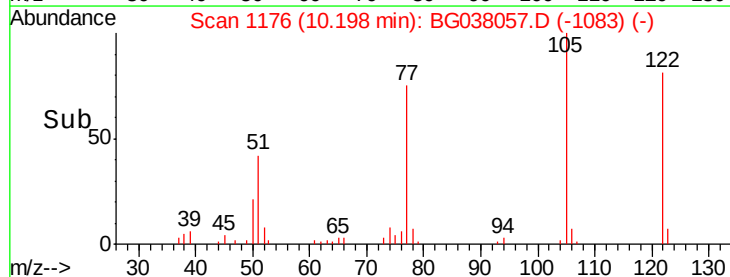
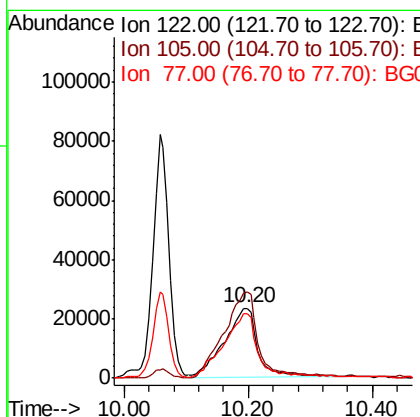
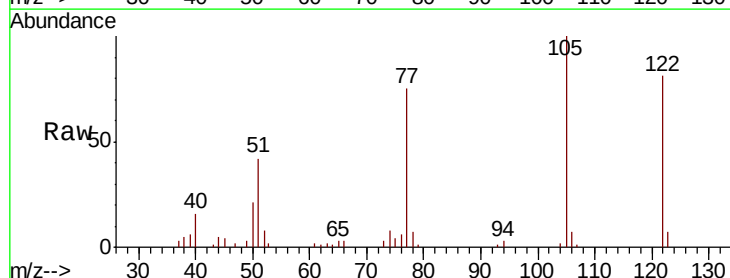
Instrument :
BNA_G
ClientSampleId :

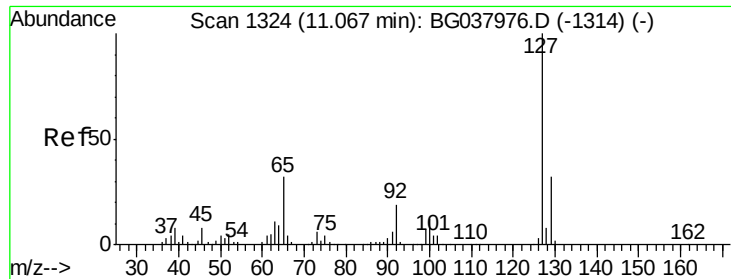
Tot Ion:128 Resp: 455006
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 47.756 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:122 Resp: 88143
Ion Ratio Lower Upper
122 100
105 123.1 106.7 146.7
77 92.1 72.2 112.2

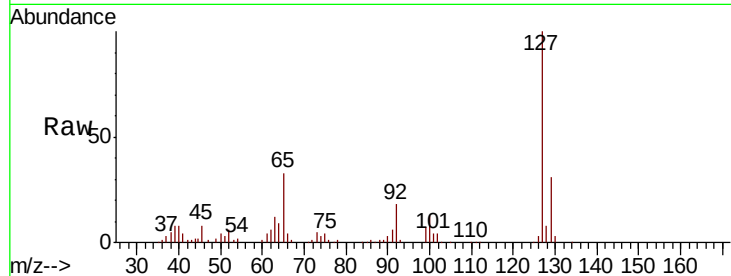




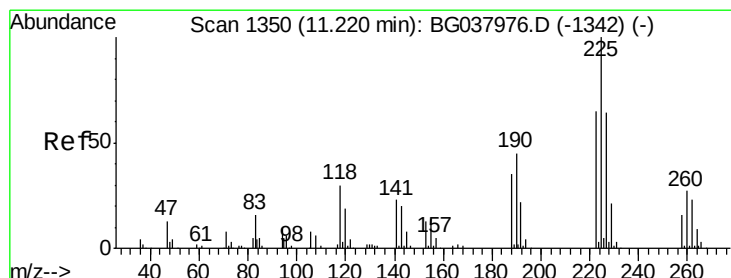
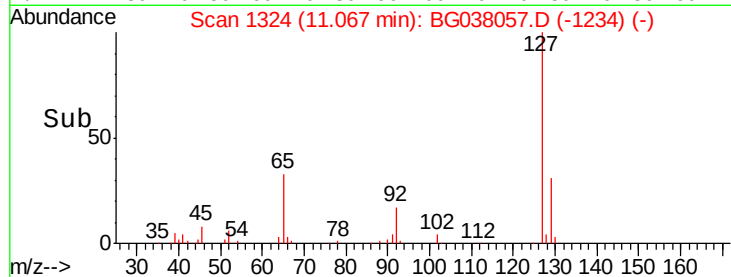
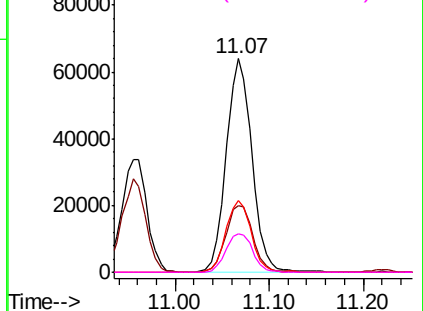
#33
4-Chloroaniline
Concen: 26.519 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	121210
Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.1	40.7
65	33.4	26.6	39.8
92	17.7	16.4	24.6

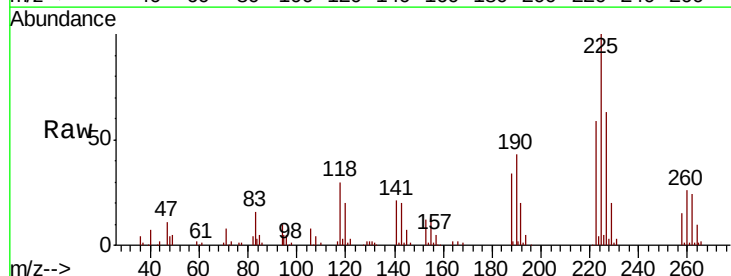


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

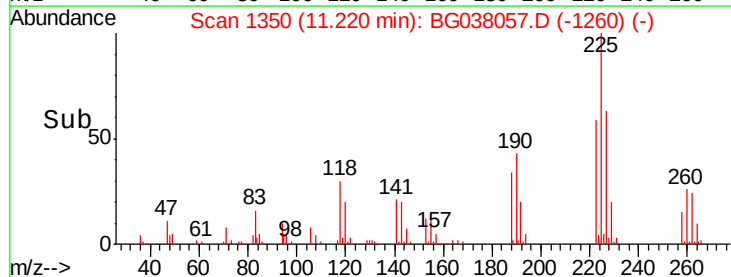
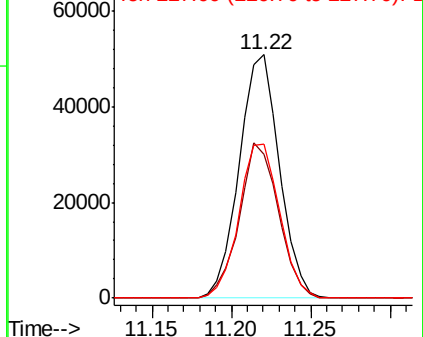


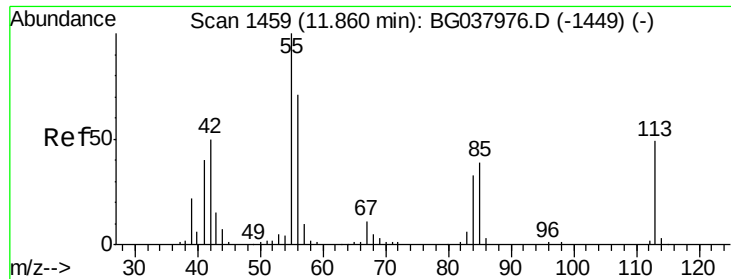
#34
Hexachlorobutadiene
Concen: 40.192 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:	225	Resp:	89531
Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.2	72.4
227	63.0	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: 28.284 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampled :

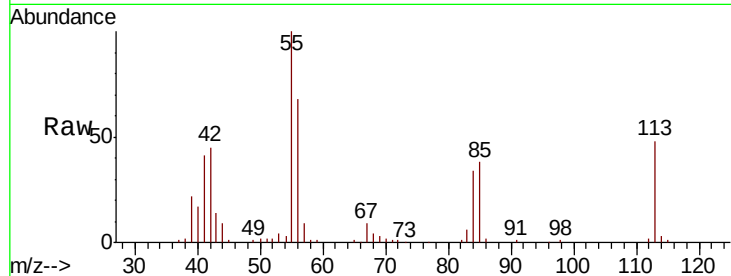
Tot Ion:113 Resp: 36567

Ion Ratio Lower Upper

113 100

55 209.2 176.6 216.6

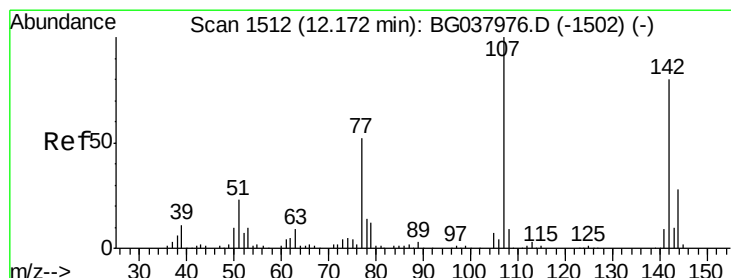
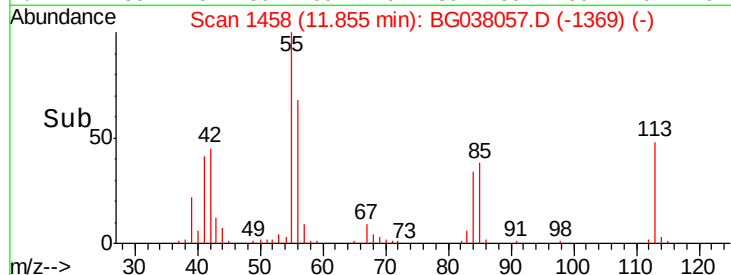
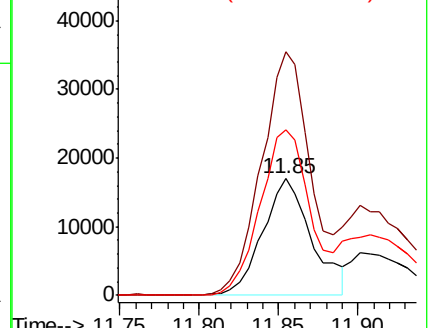
56 142.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.020 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

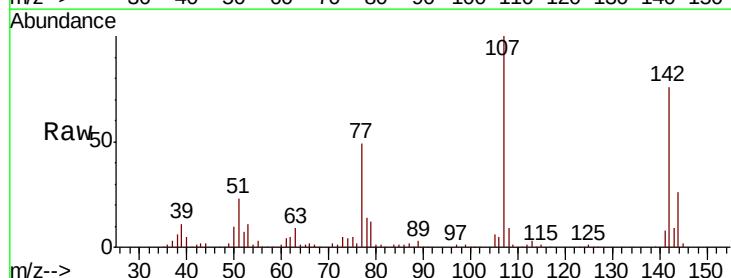
Tgt Ion:107 Resp: 162390

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

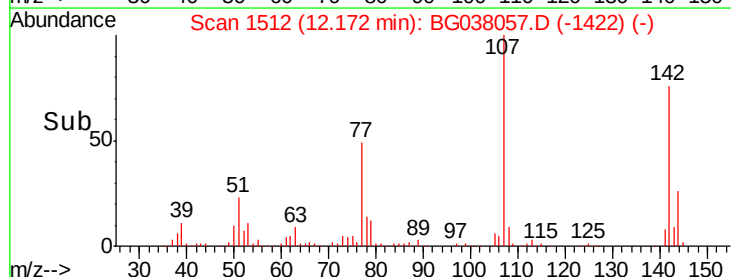
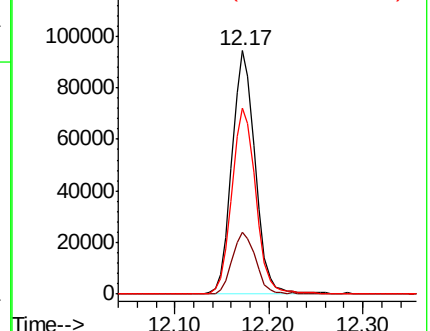
142 76.2 64.4 96.6

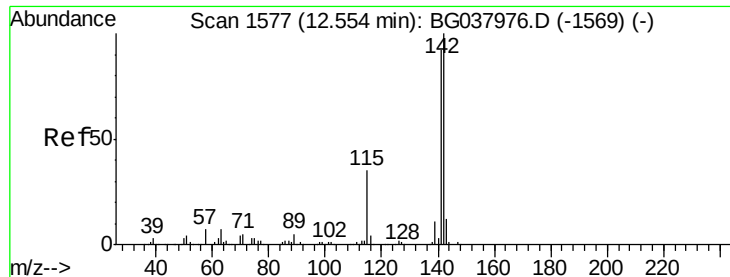


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

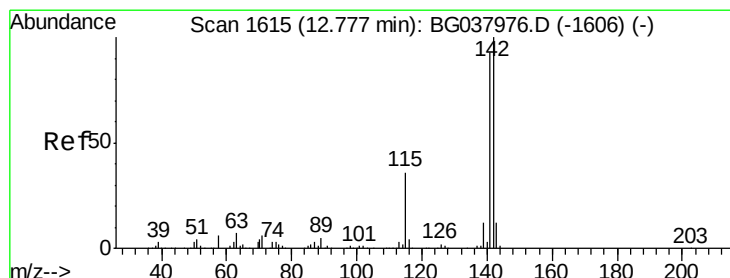
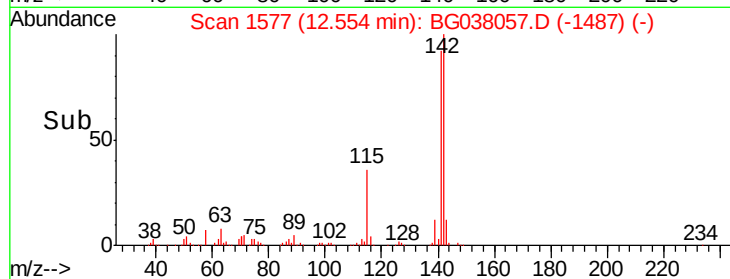
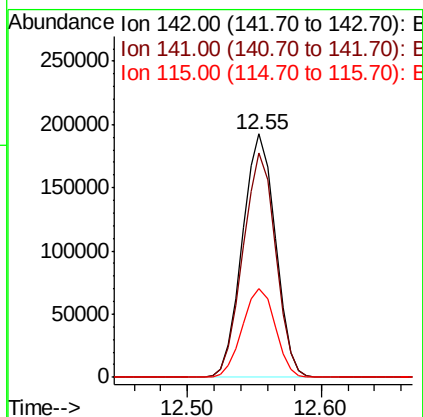
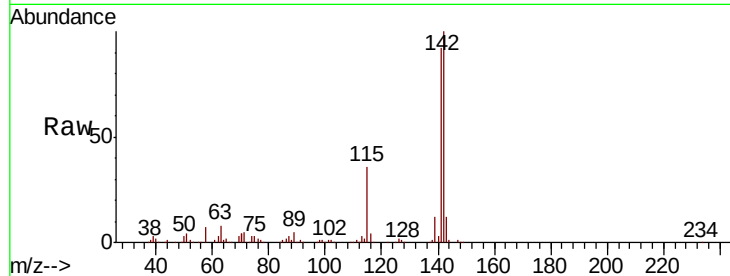




#37
 2-Methylnaphthalene
 Concen: 46.650 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

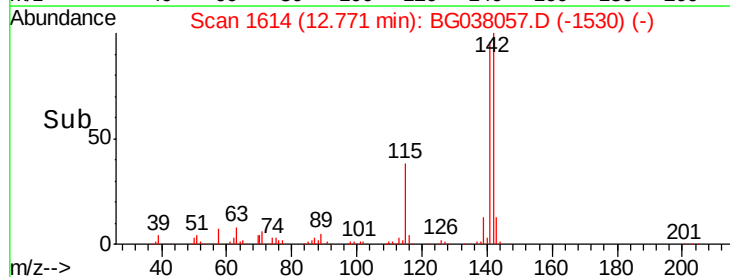
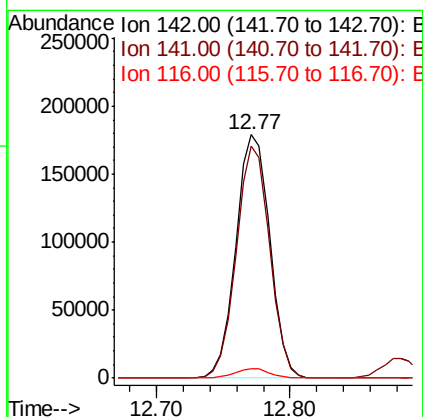
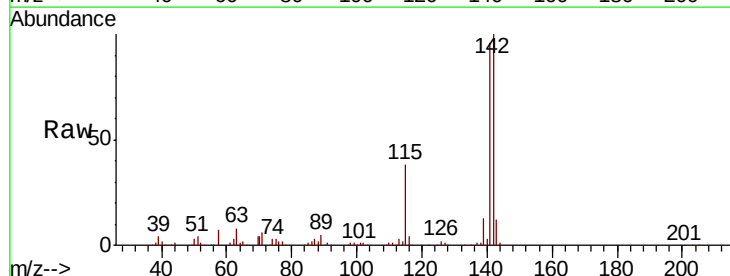
Instrument :
 BNA_G
 ClientSampleId :

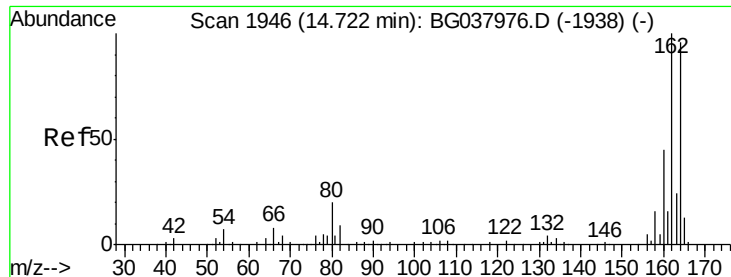
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.9	107.9
115	36.4	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 46.134 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

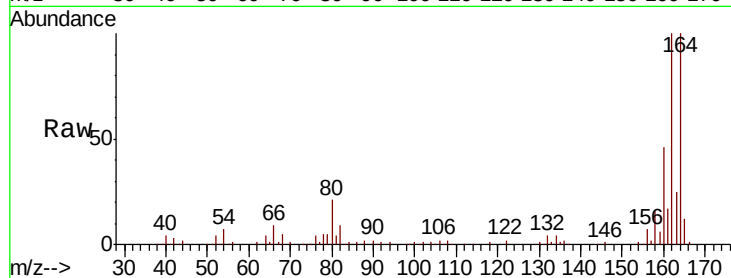
Tot Ion:164 Resp: 120074

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 46.0 36.3 54.5

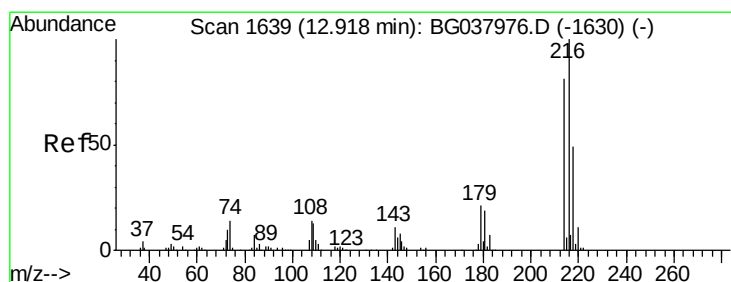
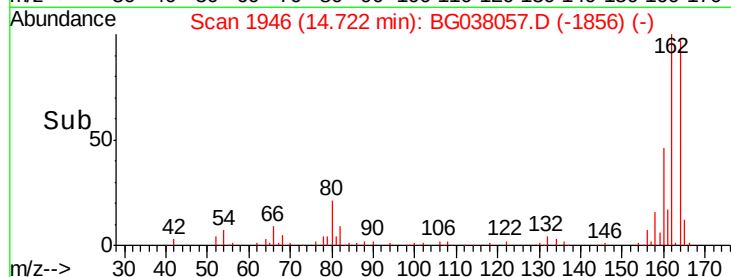
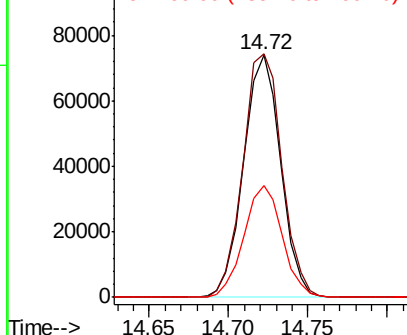


Abundance

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: 42.139 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:216 Resp: 169075

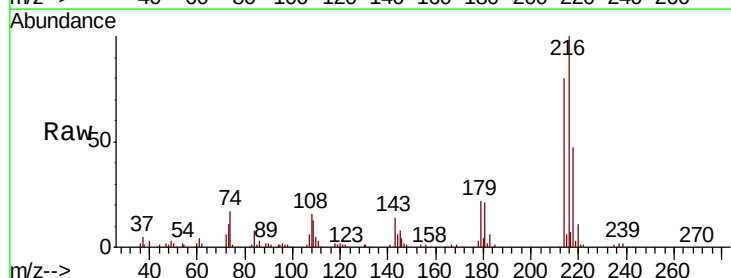
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 21.3 17.4 26.0

108 19.8 13.9 20.9



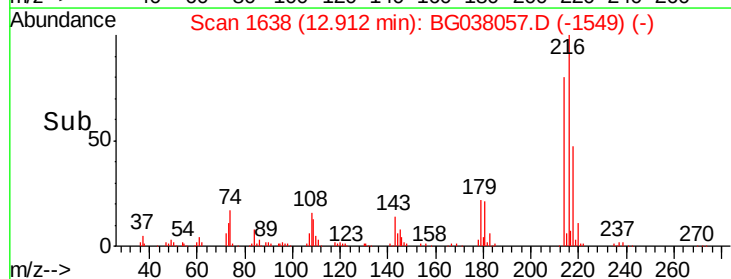
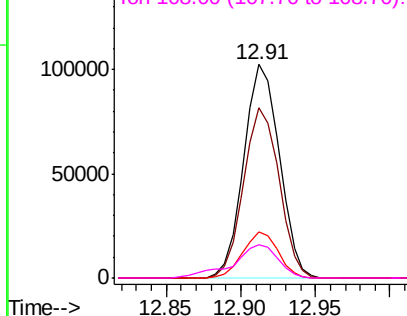
Abundance

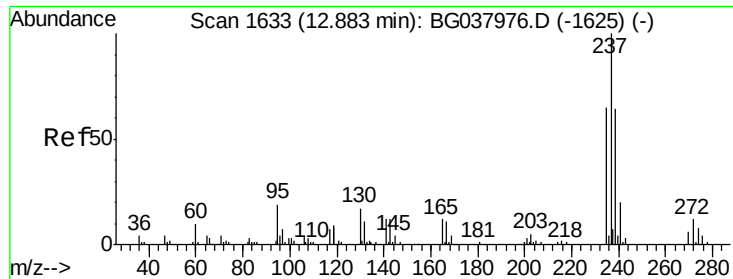
Ion 216.00 (215.70 to 216.70): E

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: 100.641 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038057.D

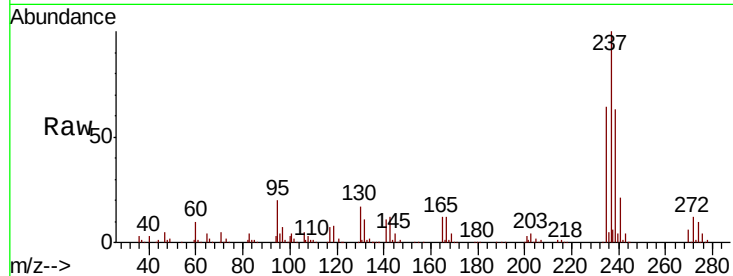
Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

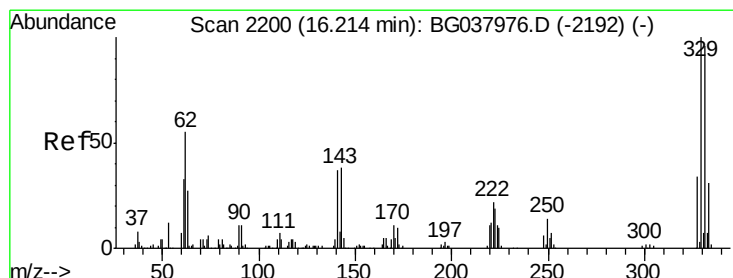
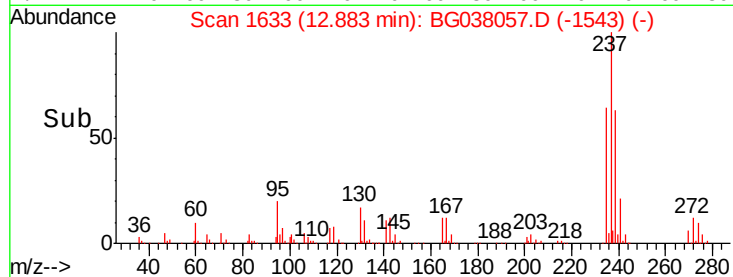
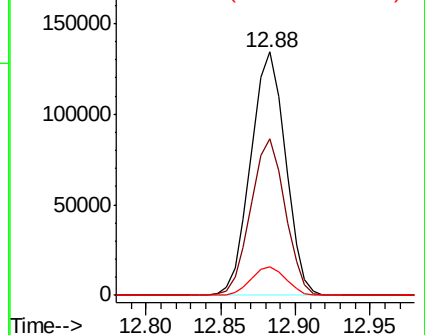
Tot Ion:	237	Resp:	216227
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.5	82.5
272	11.7	0.0	31.6



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: 131.480 ng

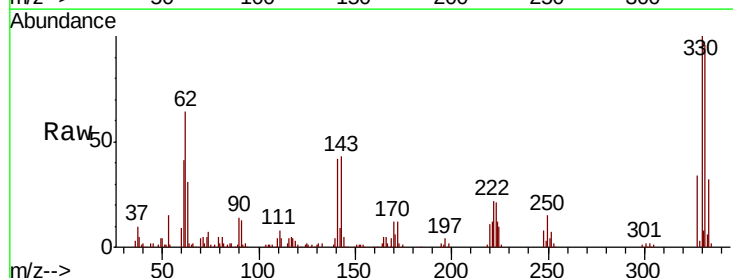
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

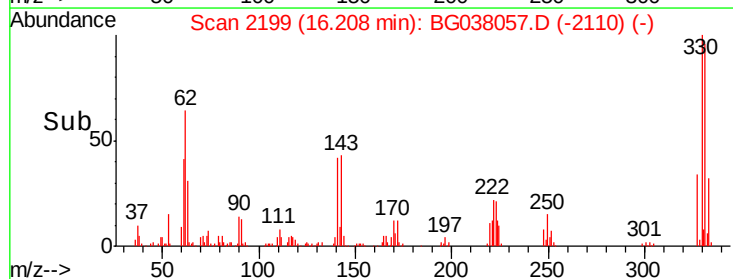
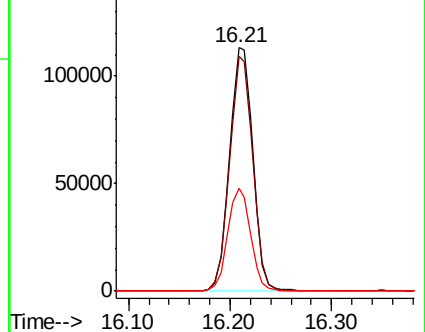
Tgt Ion:	330	Resp:	180051
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.4	117.6
141	41.6	32.2	48.2

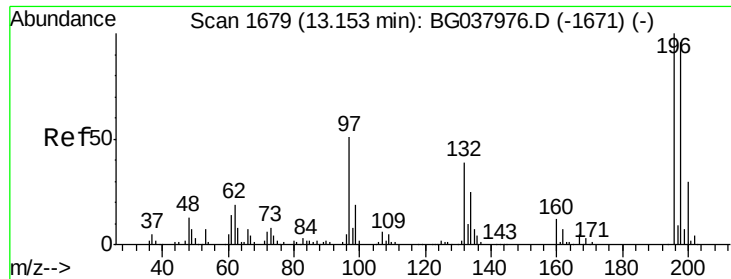


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

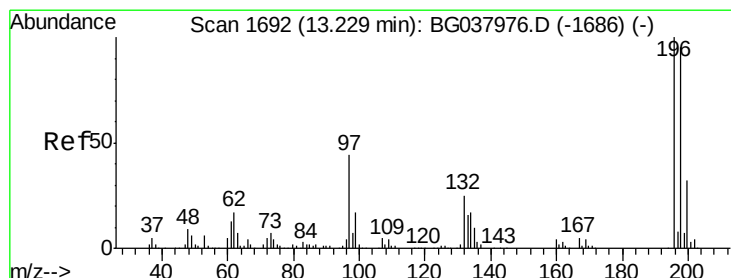
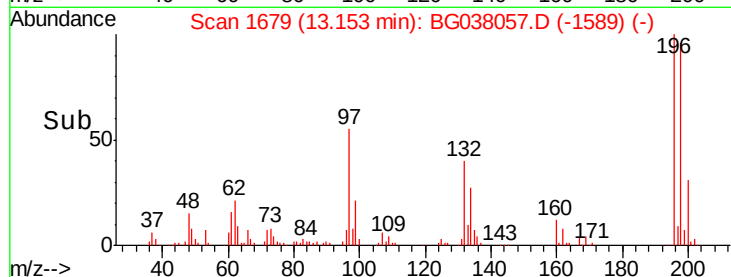
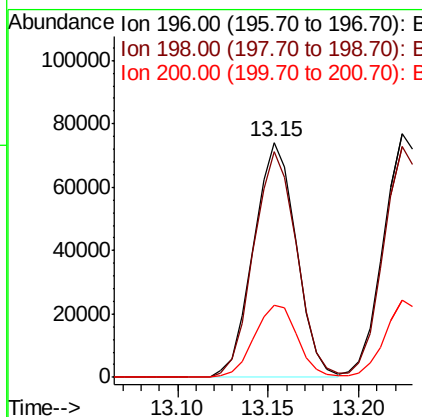
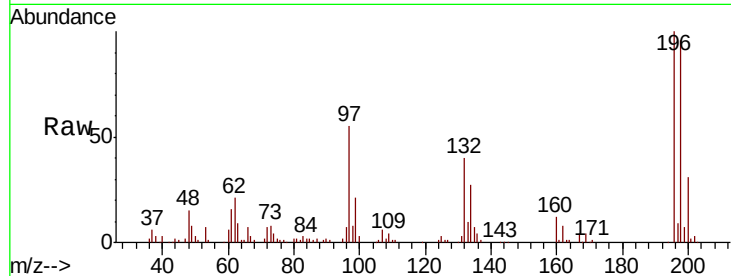




#43
 2,4,6-Trichlorophenol
 Concen: 44.429 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

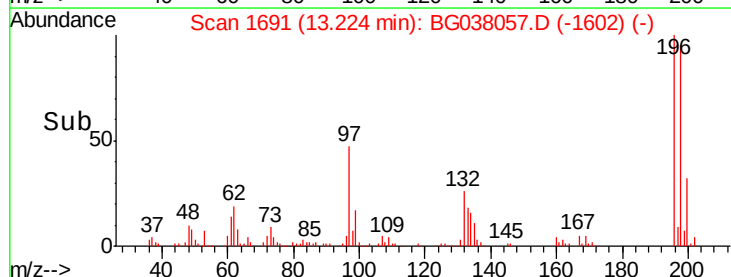
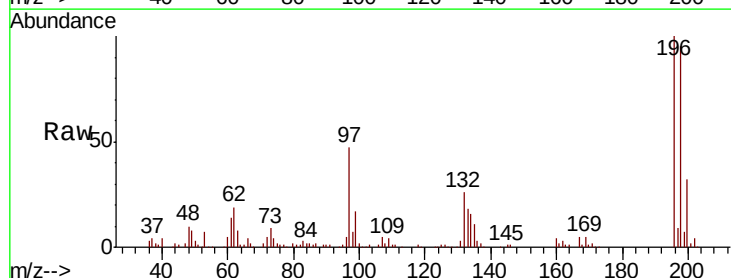
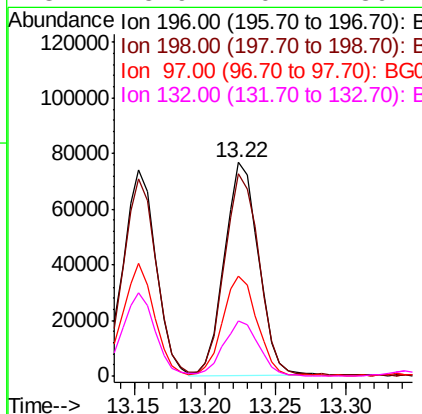
Instrument :
 BNA_G
 ClientSampled :

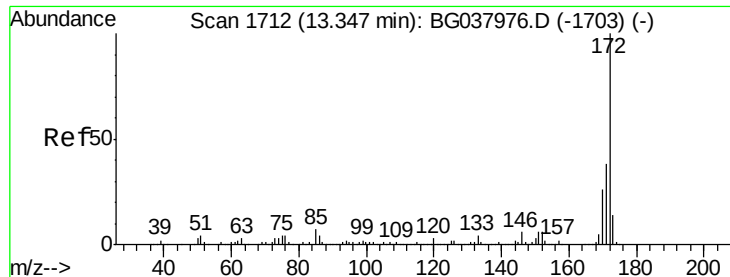
Tot Ion	196	Resp	121475
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.4	114.6
200	30.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.969 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	196	Resp	129369
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.2	111.2
97	46.8	34.1	51.1
132	25.9	20.2	30.4

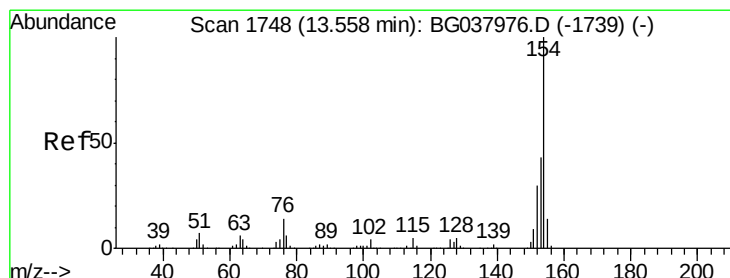
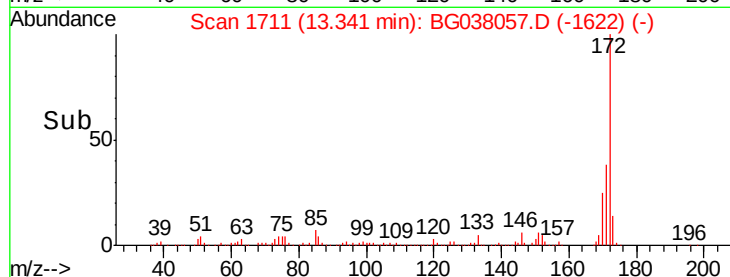
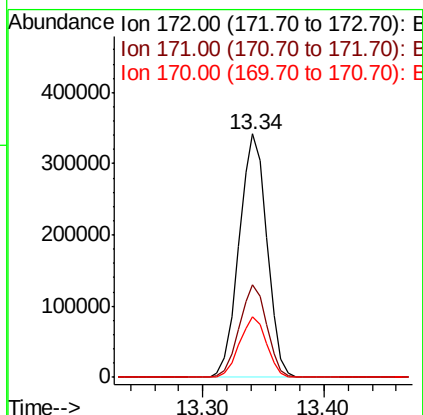
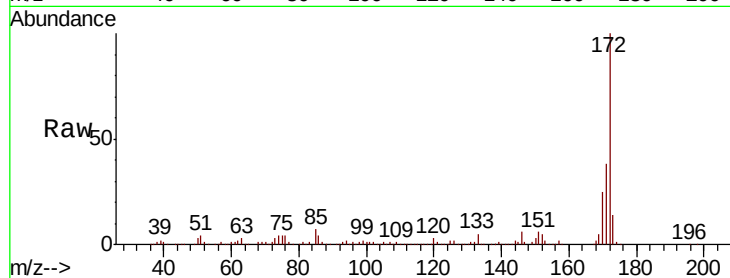




#45
2-Fluorobiphenyl
Concen: 66.546 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

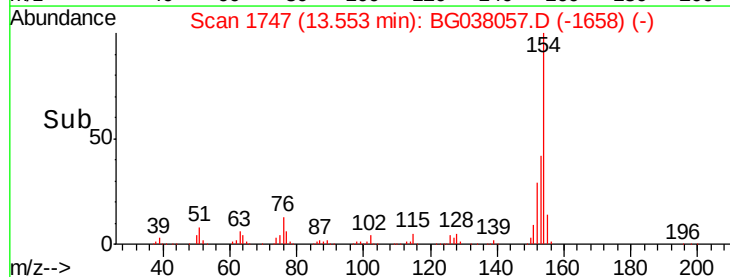
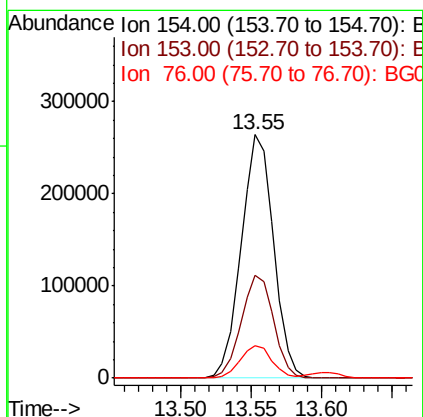
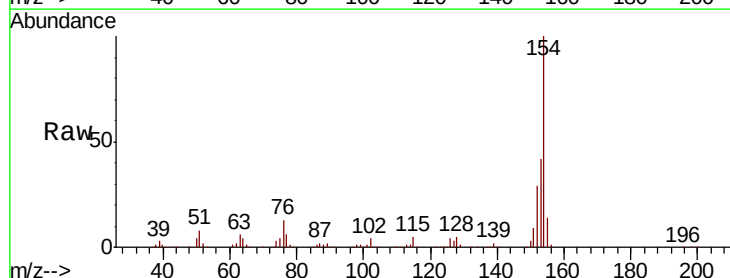
Instrument :
BNA_G
ClientSampleId :

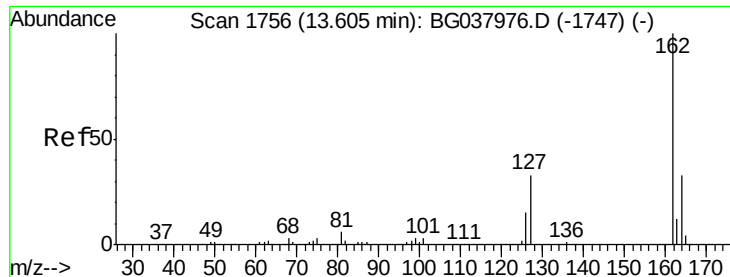
Tot Ion:172 Resp: 548472
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 41.829 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:154 Resp: 421948
Ion Ratio Lower Upper
154 100
153 42.2 22.1 62.1
76 13.5 0.0 33.2

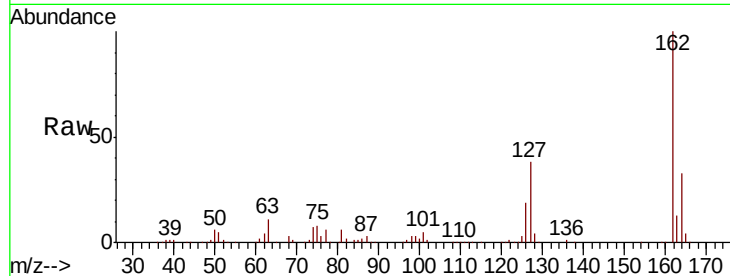




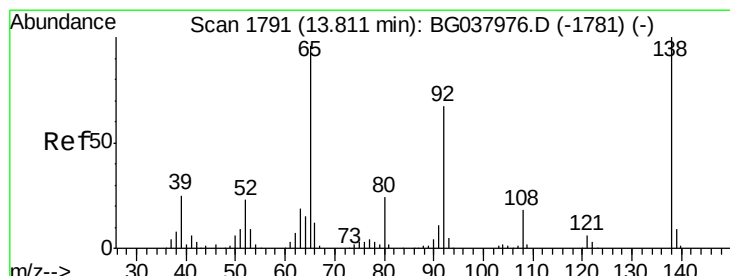
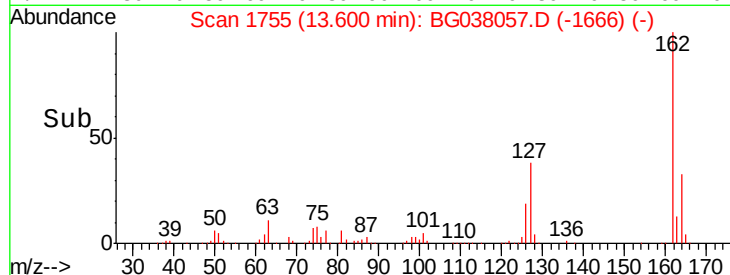
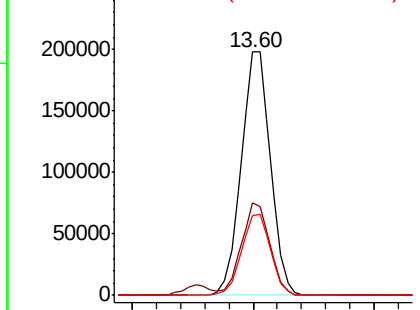
#47
 2-Chloronaphthalene
 Concen: 43.352 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	32.8	26.4	39.6

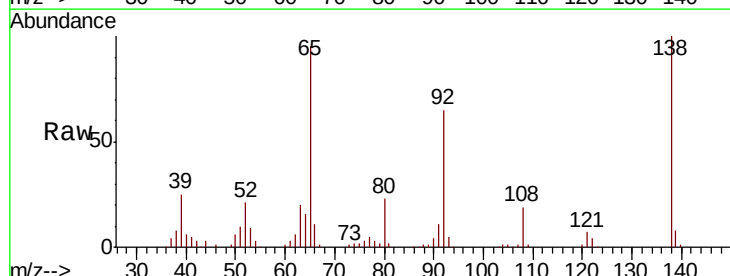


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

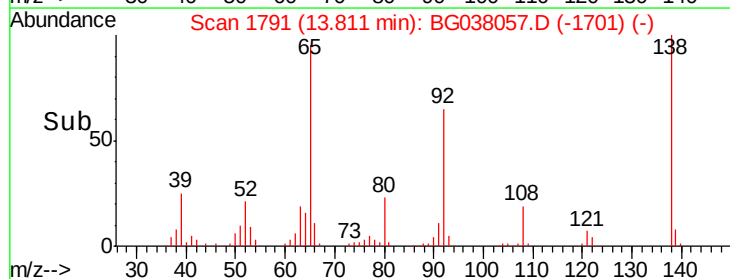
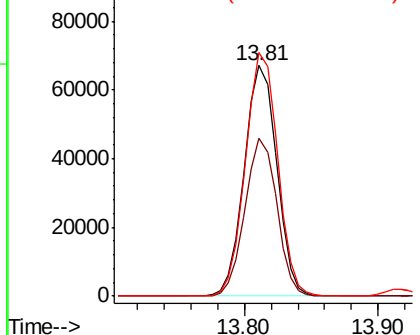


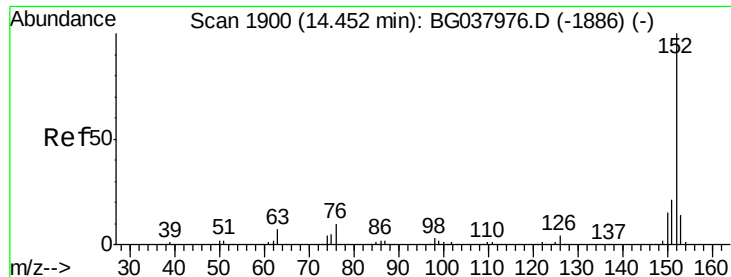
#48
 2-Nitroaniline
 Concen: 46.634 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.2	79.8
138	105.6	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.493 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

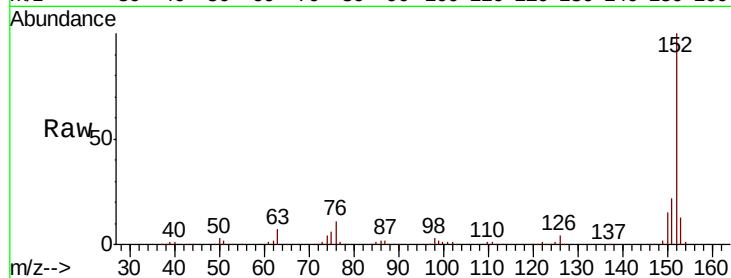
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 549759

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	13.3	11.1	16.7

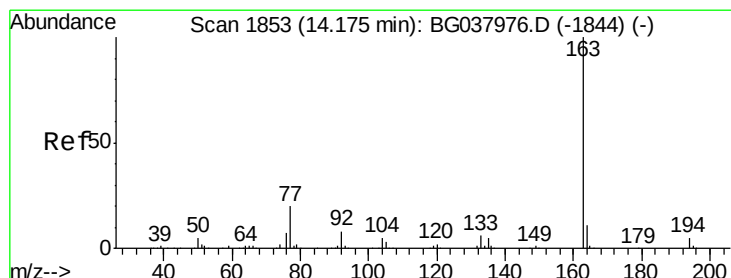
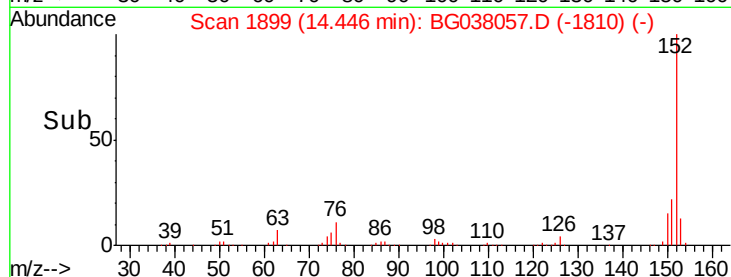
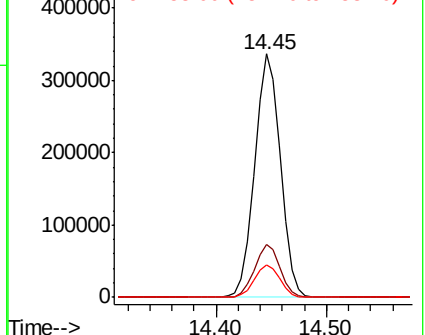


Abundance

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: 44.215 ng

RT: 14.17 min Scan# 1852

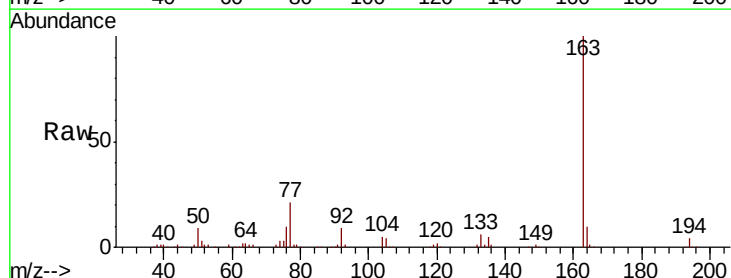
Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:163 Resp: 420889

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	10.4	8.5	12.7

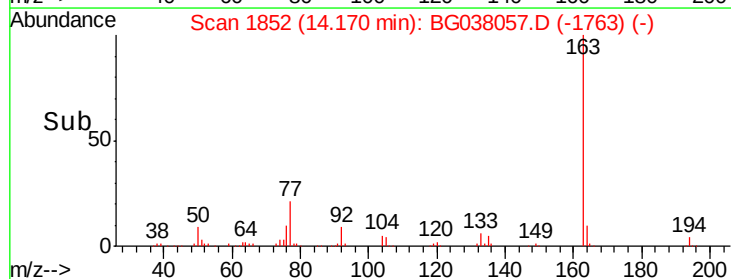
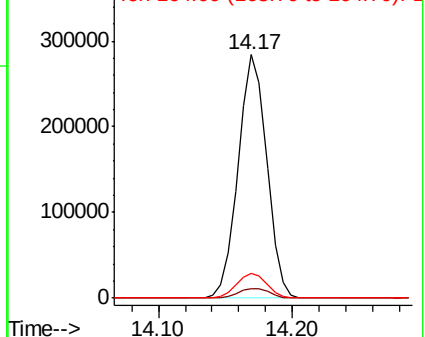


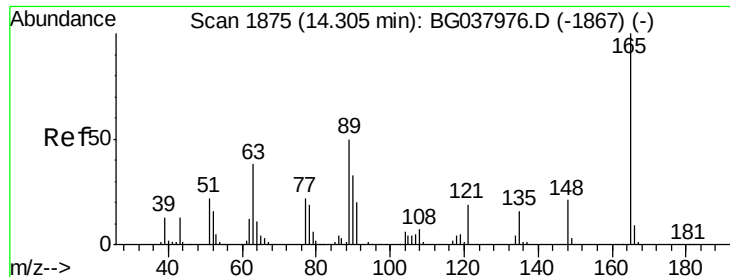
Abundance

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: 45.179 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

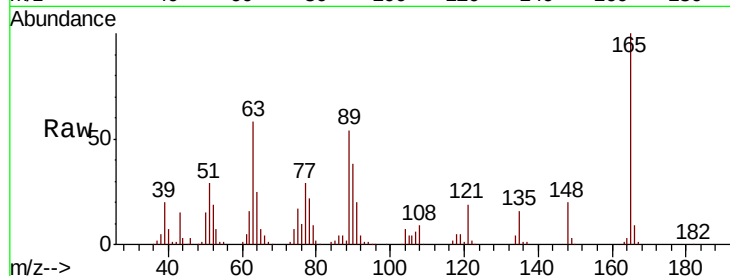
Tot Ion:165 Resp: 97335

Ion Ratio Lower Upper

165 100

63 57.8 43.4 65.2

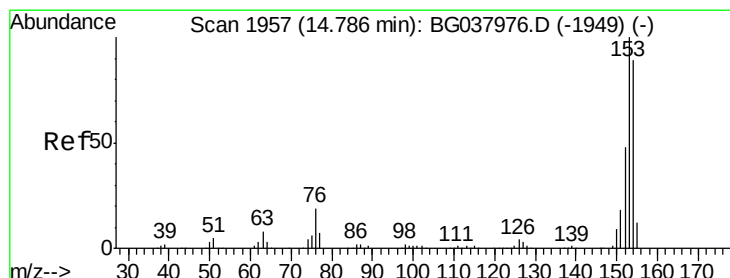
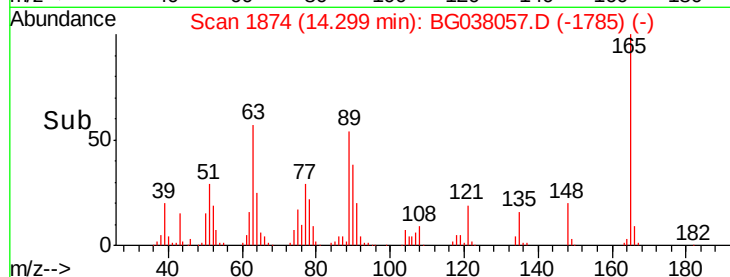
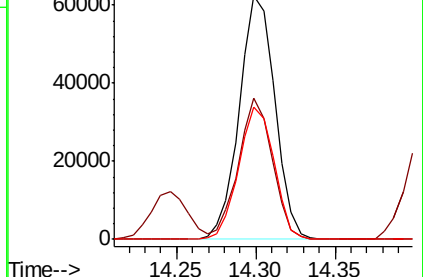
89 54.2 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 45.477 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

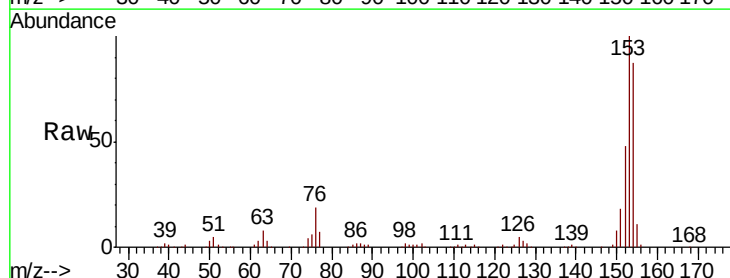
Tgt Ion:154 Resp: 316918

Ion Ratio Lower Upper

154 100

153 115.3 93.4 140.0

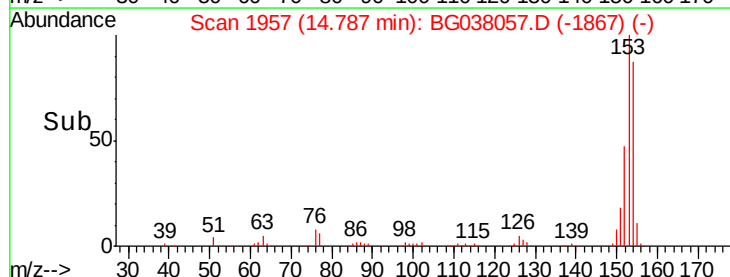
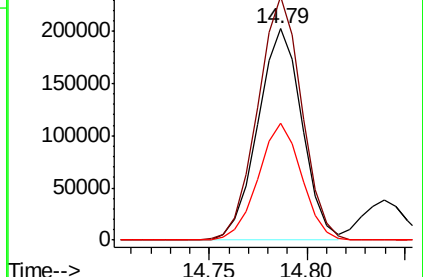
152 55.2 44.7 67.1

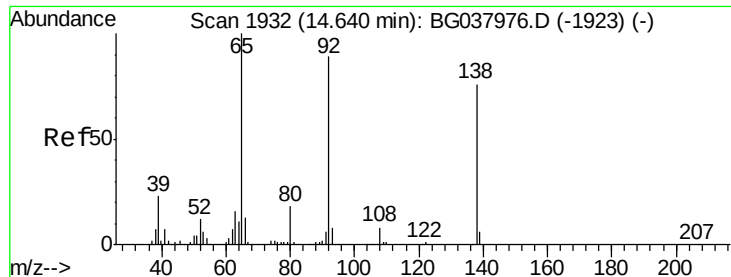


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.965 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

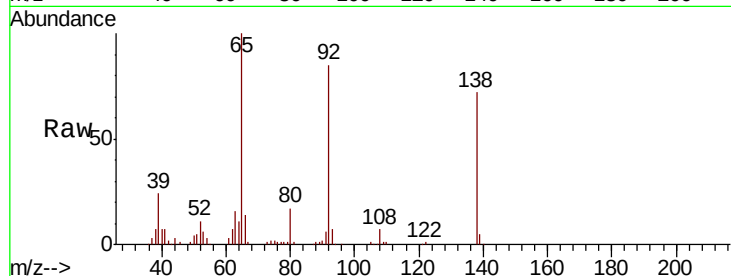
Tot Ion:138 Resp: 80745

Ion Ratio Lower Upper

138 100

108 10.1 11.0 16.6#

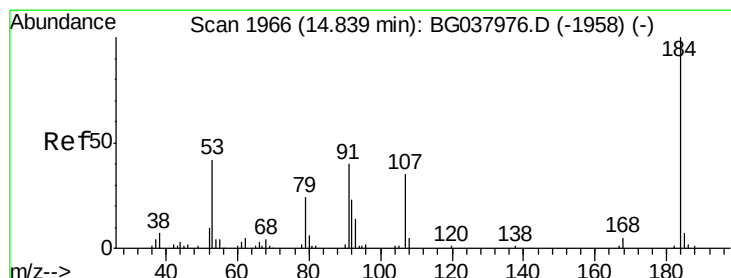
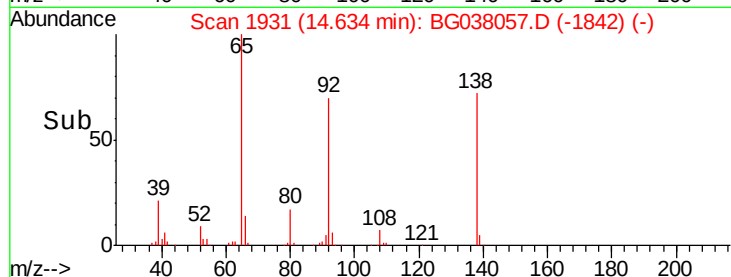
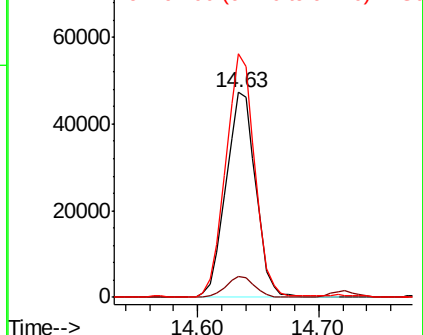
92 118.8 95.2 142.8



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: 88.162 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

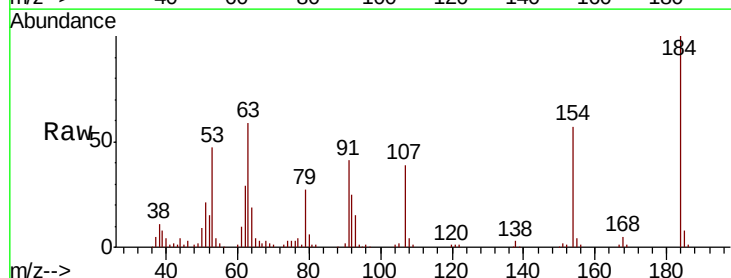
Tgt Ion:184 Resp: 103758

Ion Ratio Lower Upper

184 100

63 59.1 42.6 63.8

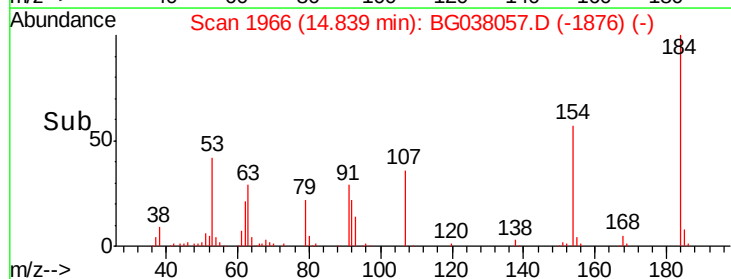
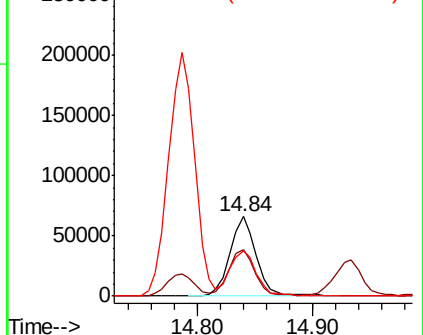
154 57.4 41.8 62.6

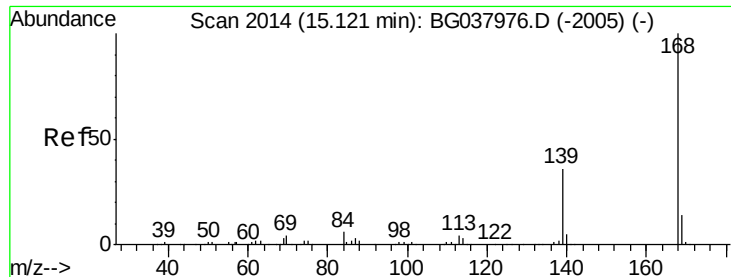


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

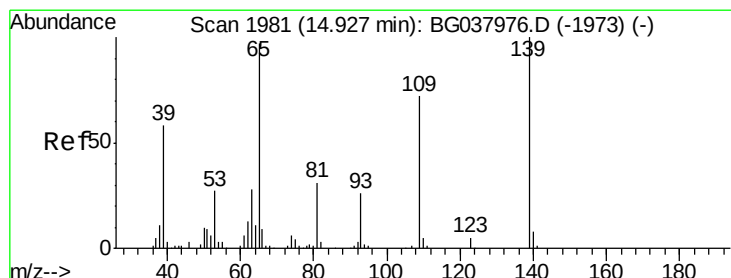
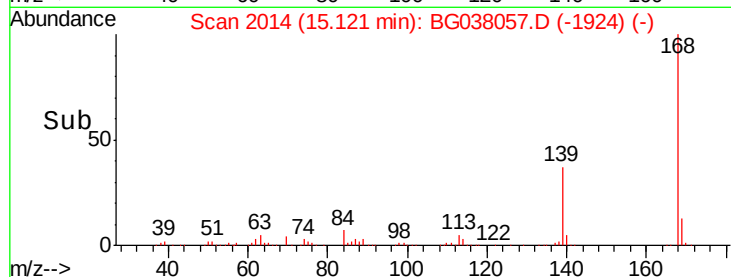
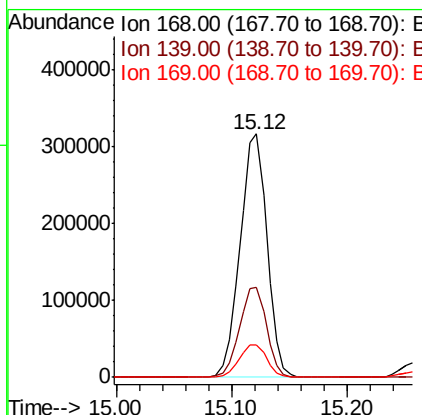
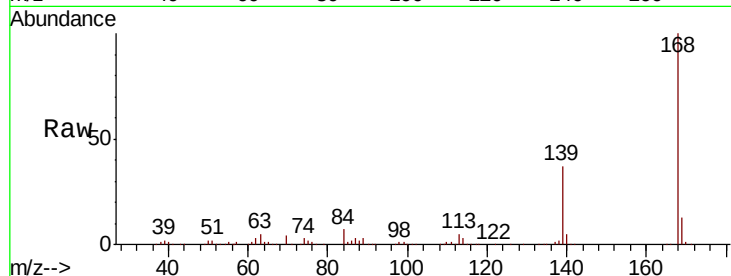




#55
Dibenzo(furan)
Concen: 44.198 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

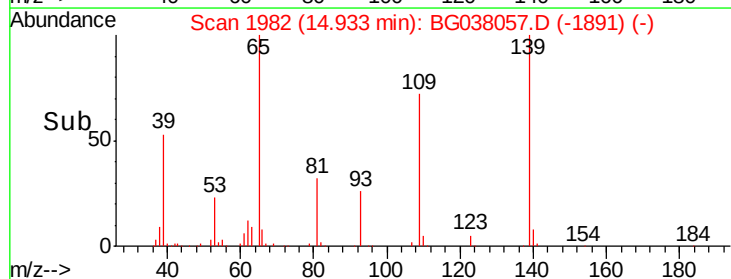
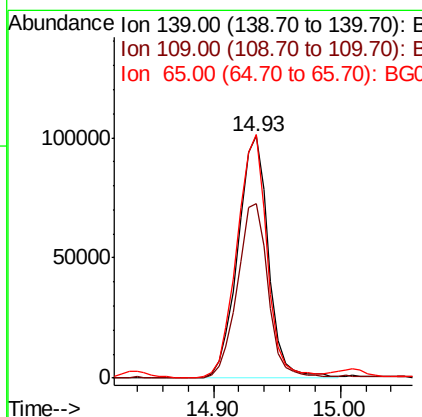
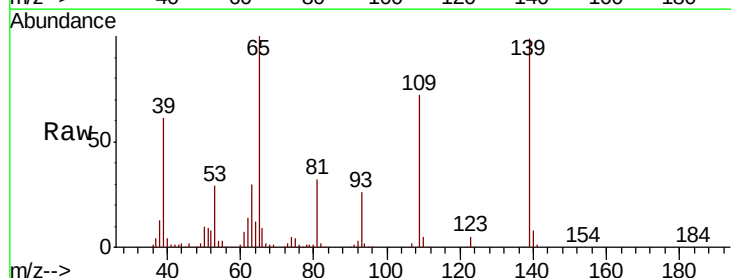
Instrument :
BNA_G
ClientSampleId :

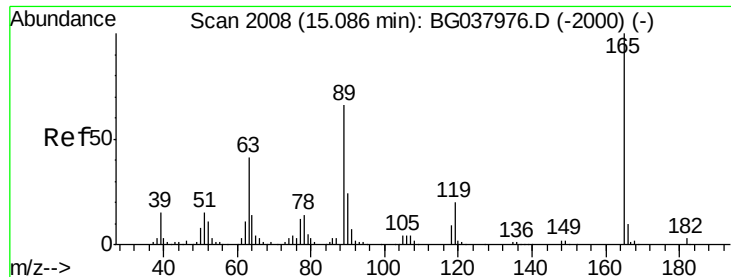
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.0
169	13.5	11.0	16.6



#56
4-Nitrophenol
Concen: 91.780 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	49.5	89.5
65	100.7	76.8	116.8

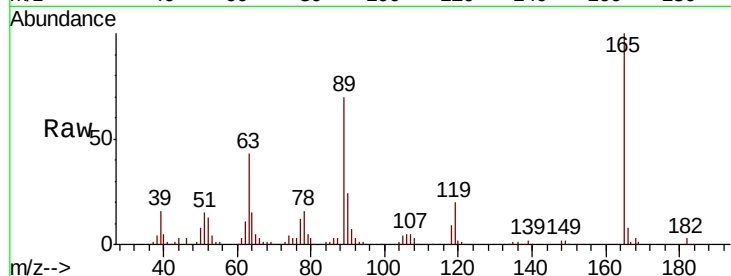




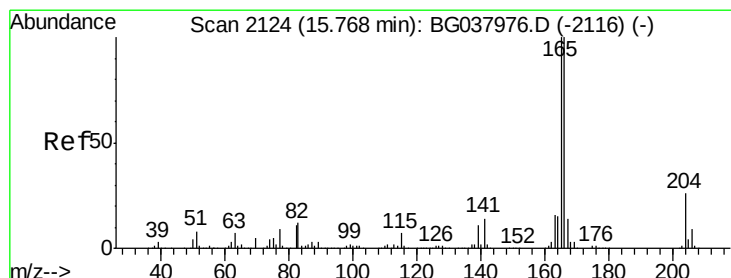
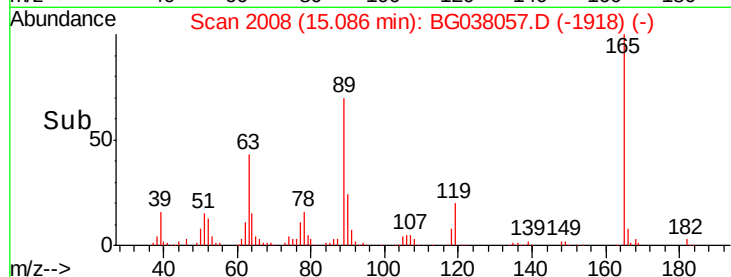
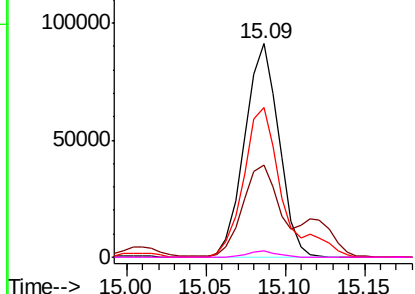
#57
2,4-Dinitrotoluene
Concen: 46.642 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	136723
Ion Ratio	Lower	Upper
165	100	
63	43.4	33.4 50.0
89	70.0	57.2 85.8
182	2.8	2.6 4.0

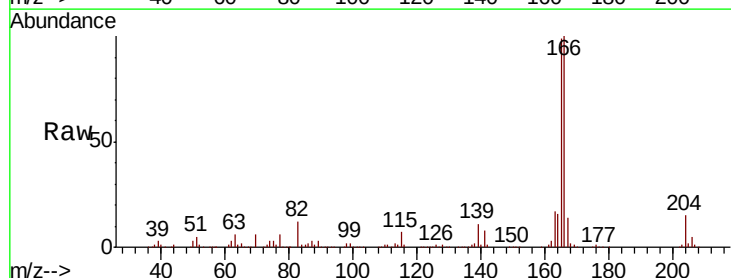


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

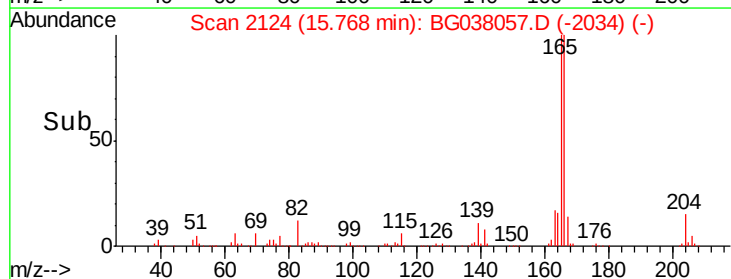
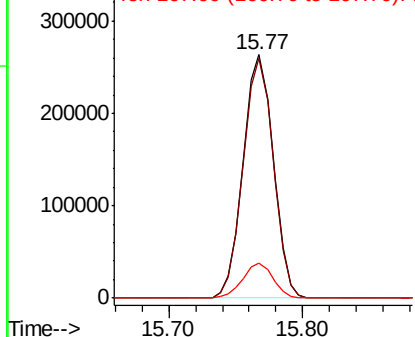


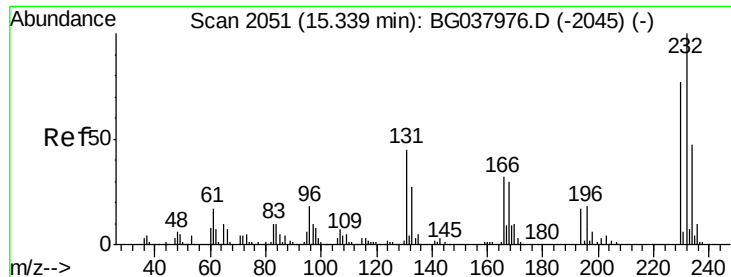
#58
Fluorene
Concen: 47.896 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:166	Resp:	411795
Ion Ratio	Lower	Upper
166	100	
165	98.5	79.0 118.6
167	14.3	11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

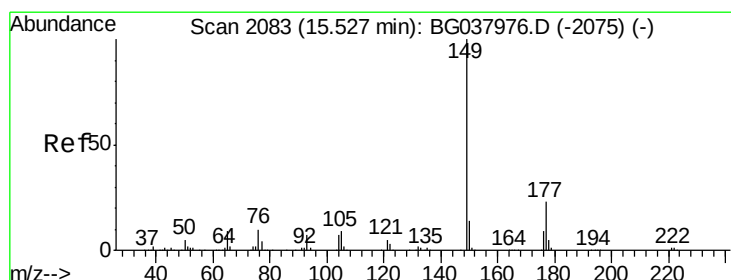
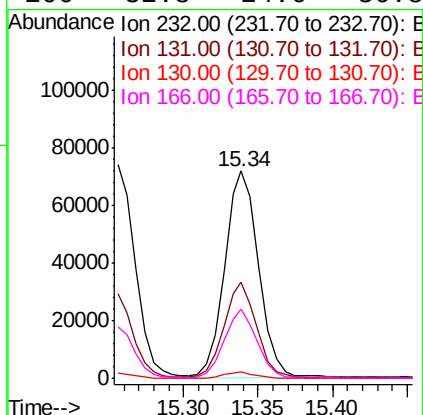
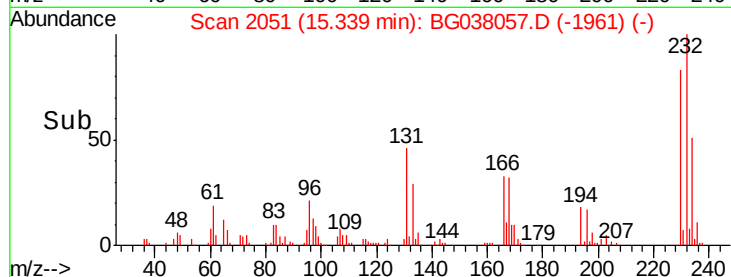
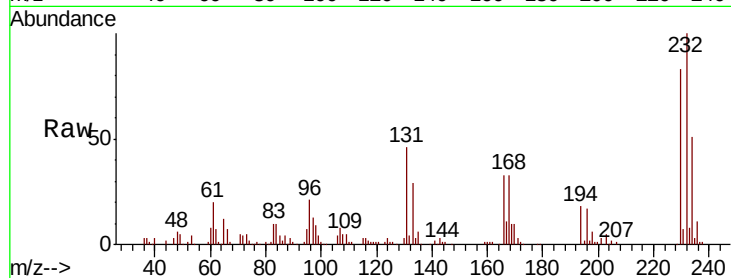




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.249 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

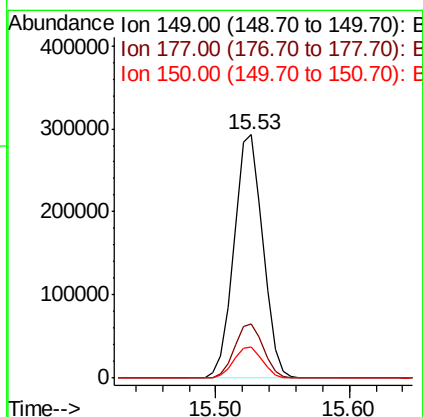
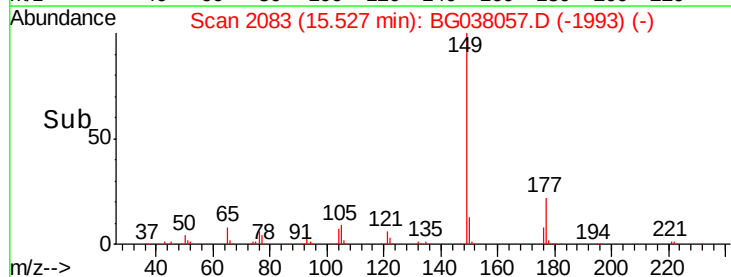
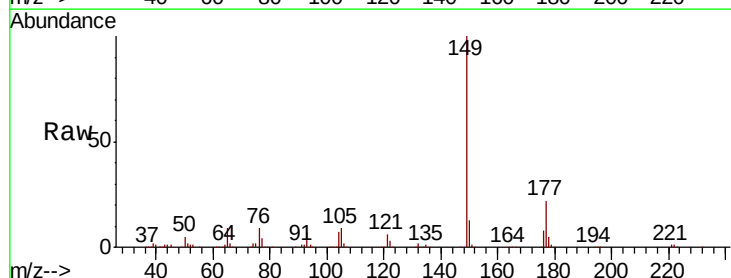
Instrument :
 BNA_G
 ClientSampleId :

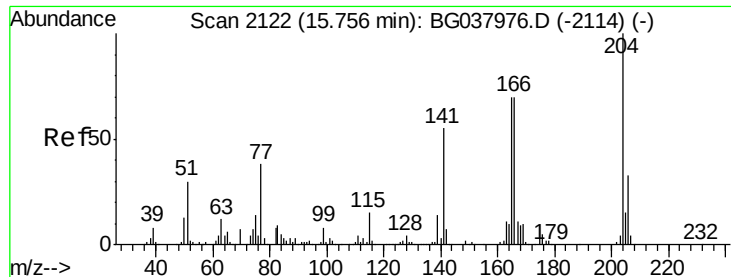
Tot Ion:232 Resp: 113740
 Ion Ratio Lower Upper
 232 100
 131 44.2 33.7 50.5
 130 2.6 2.1 3.1
 166 32.8 24.6 36.8



#60
 Diethylphthalate
 Concen: 43.342 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion:149 Resp: 438225
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.3 27.5
 150 12.8 10.0 15.0

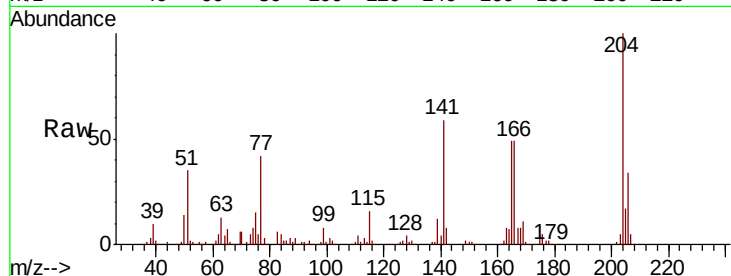




#61
 4-Chlorophenyl-phenylether
 Concen: 41.488 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	39.8
141	59.3	45.4	68.2

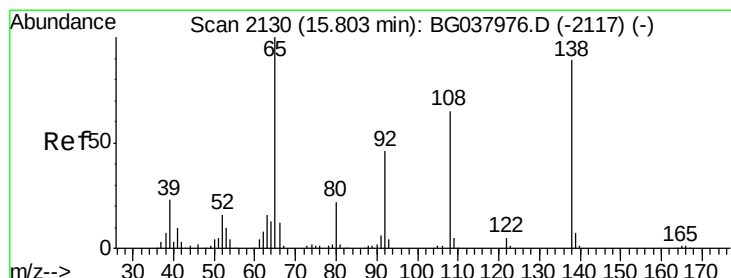
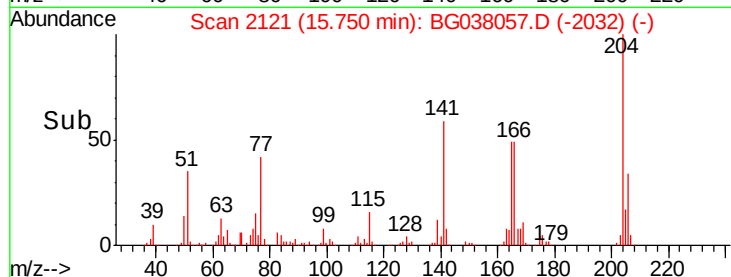
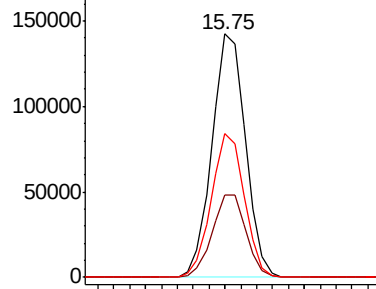


Abundance

Ion 204.00 (203.70 to 204.70): E

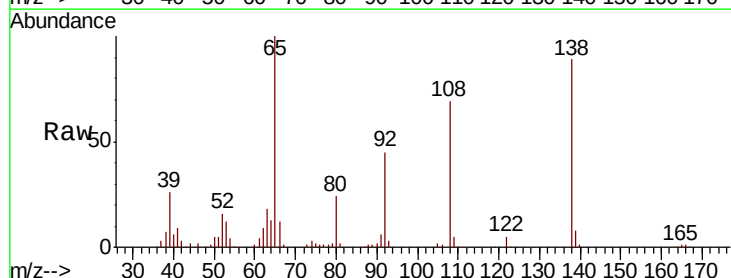
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 46.620 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	36.4	76.4
108	77.6	60.1	100.1

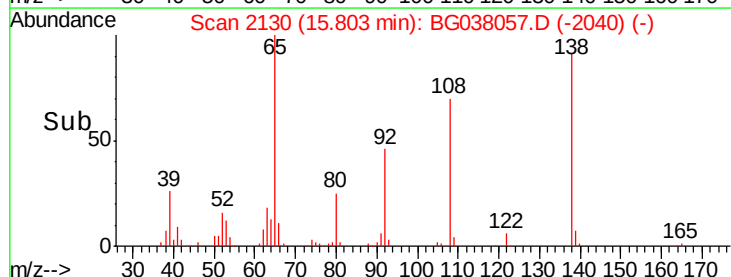
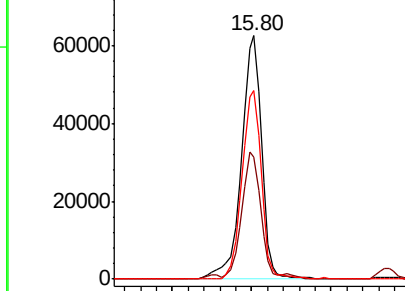


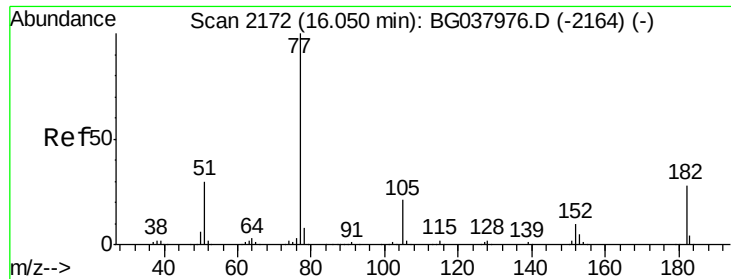
Abundance

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

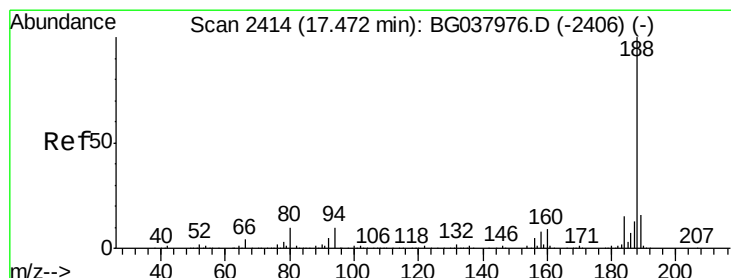
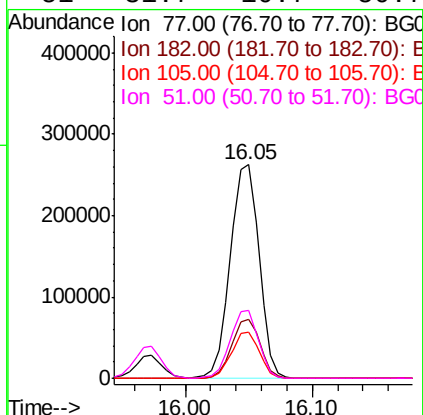
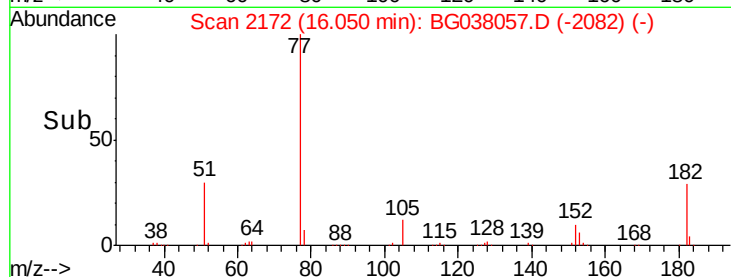
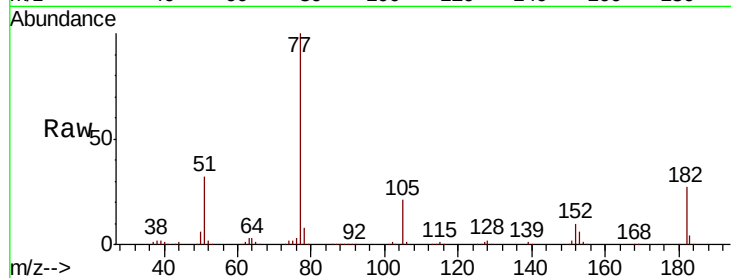




#63
Azobenzene
Concen: 45.475 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

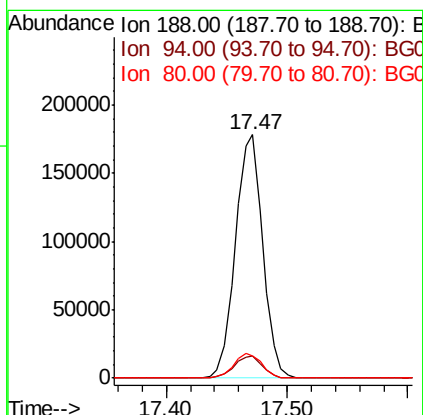
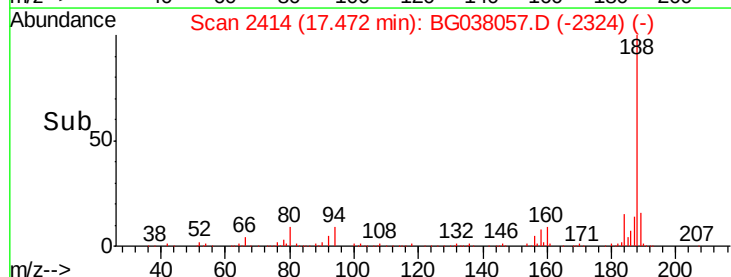
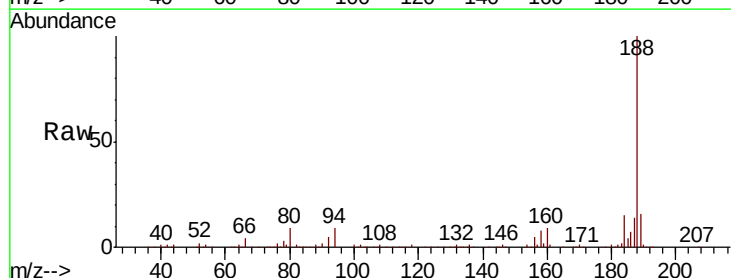
Instrument :
BNA_G
ClientSampleId :

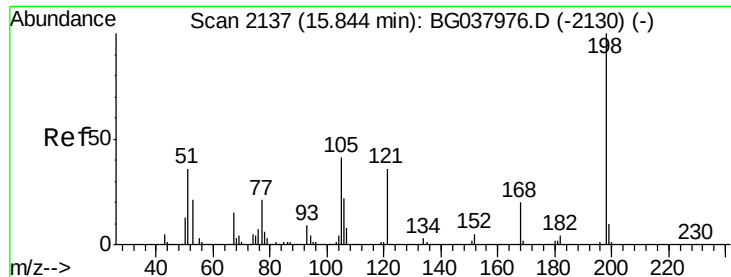
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	8.0	48.0
105	21.4	1.3	41.3
51	31.7	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.820 ng

RT: 15.84 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

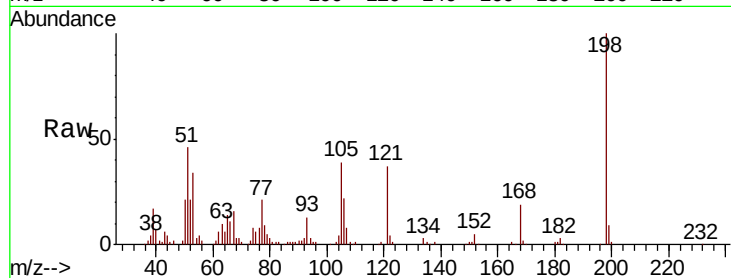
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 77557

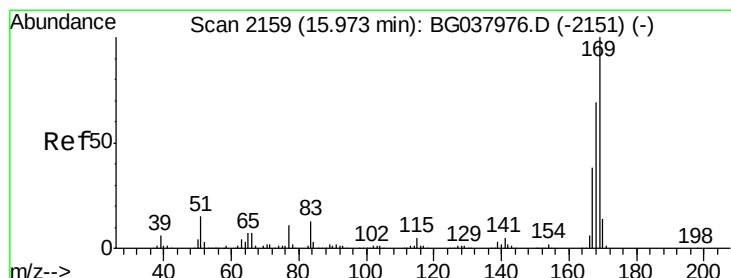
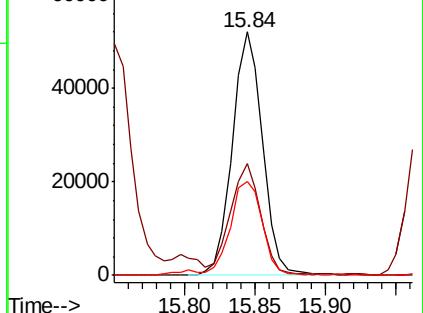
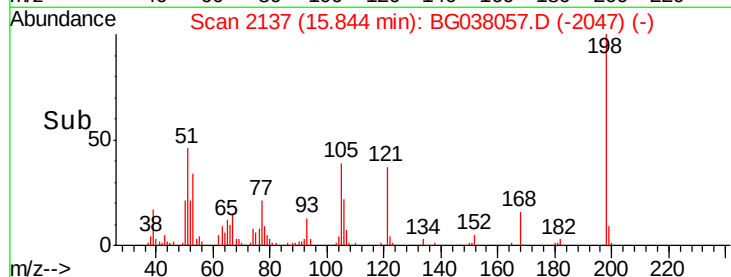
Ion	Ratio	Lower	Upper
198	100		
51	45.7	22.7	62.7
105	38.7	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038057.D (-2047) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.574 ng

RT: 15.97 min Scan# 2159

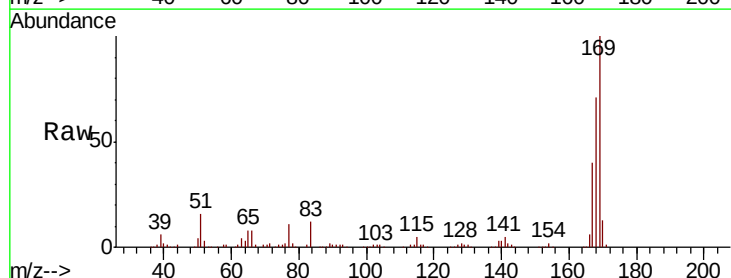
Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Tgt Ion:169 Resp: 368878

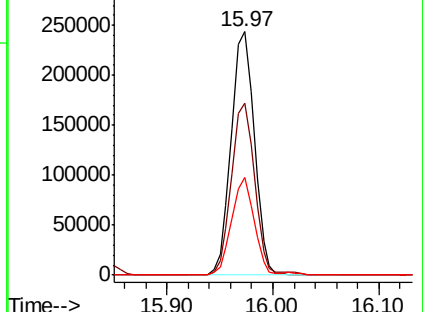
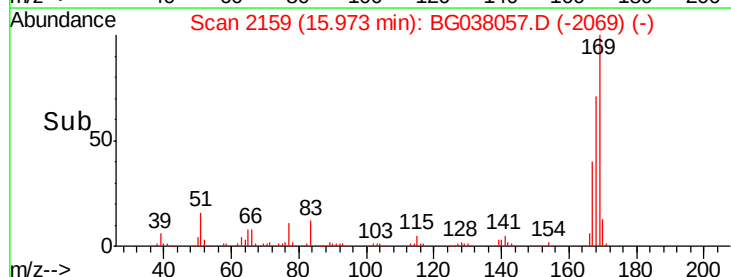
Ion	Ratio	Lower	Upper
169	100		
168	70.7	55.7	83.5
167	40.1	31.3	46.9

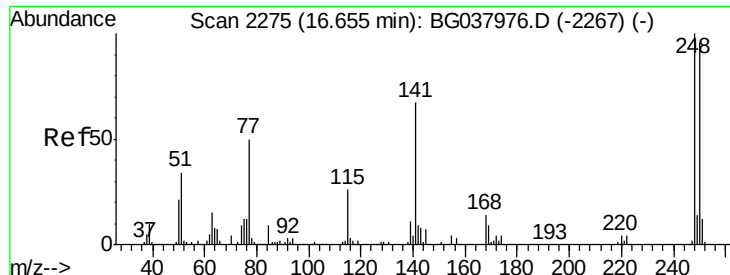


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

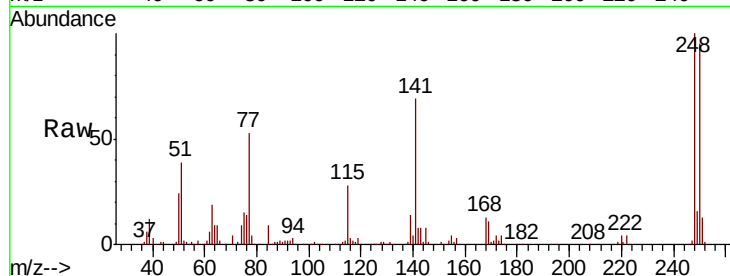




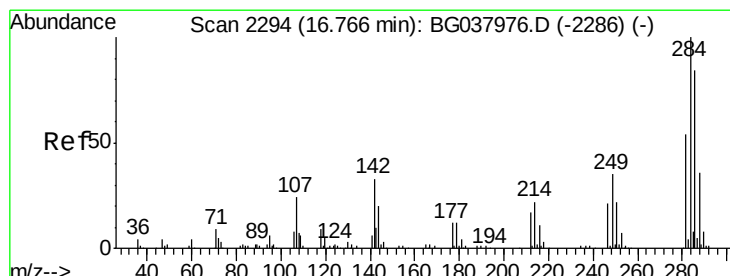
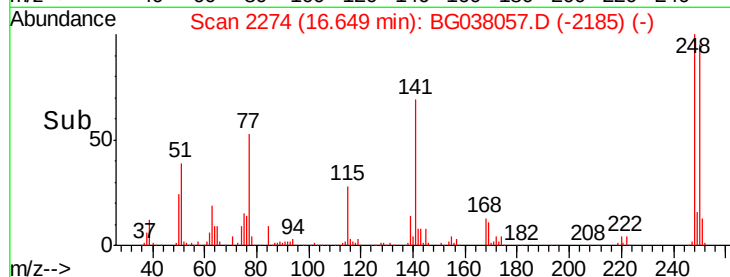
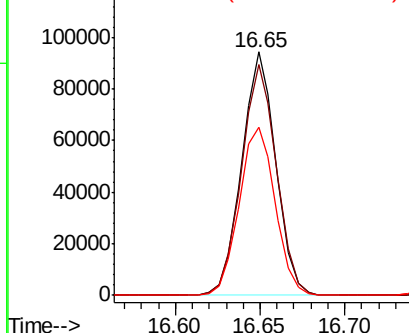
#67
 4-Bromophenyl-phenylether
 Concen: 42.963 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 131955
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.0 115.6
 141 68.8 55.5 83.3

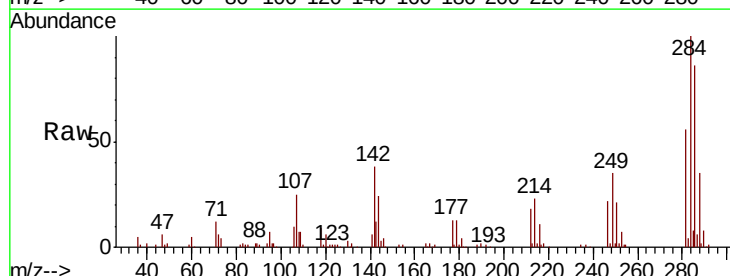


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

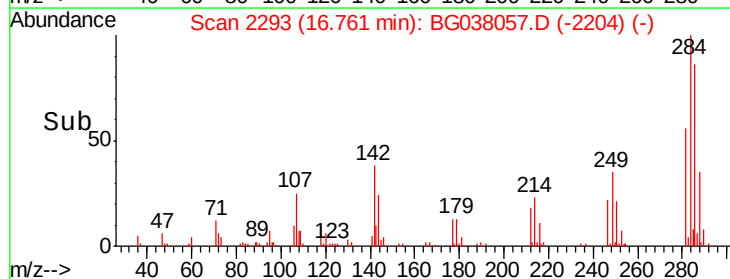
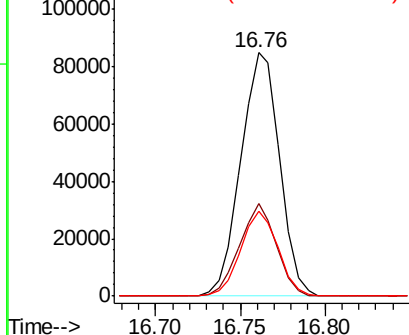


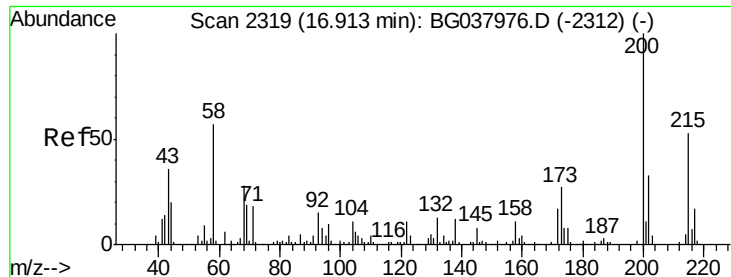
#68
 Hexachlorobenzene
 Concen: 42.588 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion:284 Resp: 135014
 Ion Ratio Lower Upper
 284 100
 142 37.9 28.1 42.1
 249 37.3 29.8 44.8



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

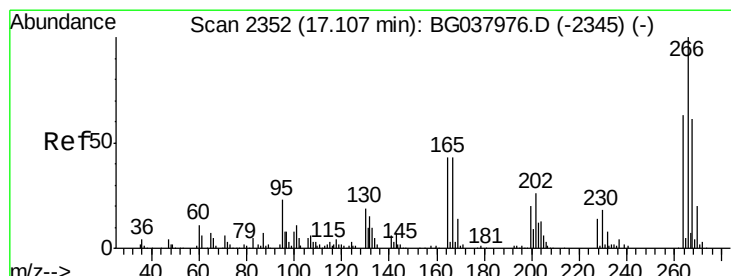
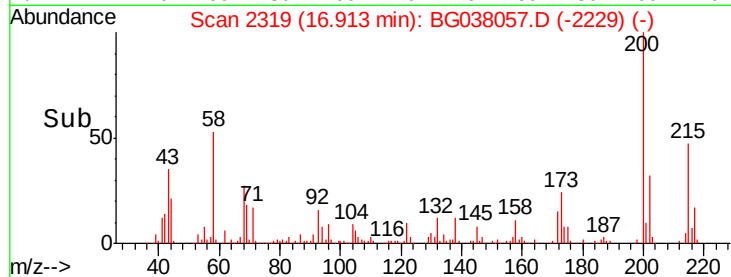
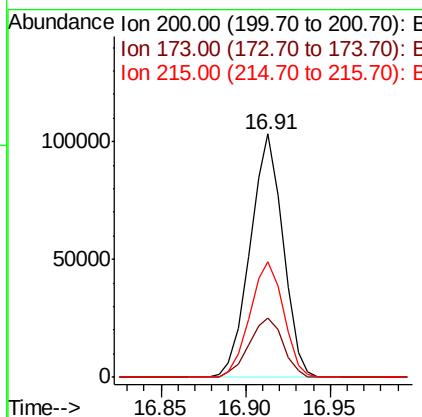
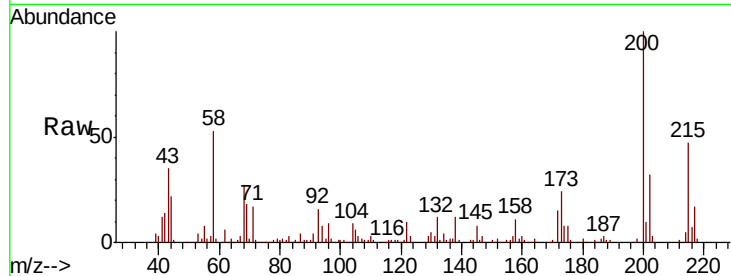




#69
 Atrazine
 Concen: 44.722 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

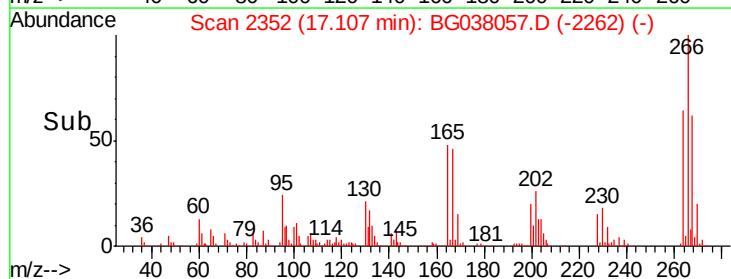
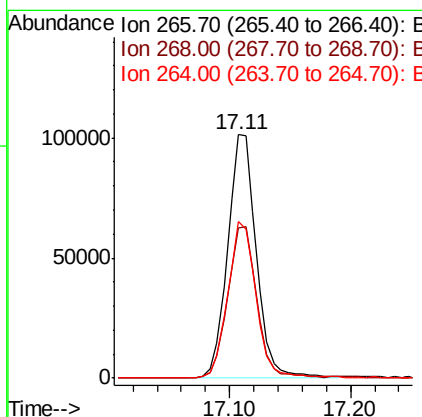
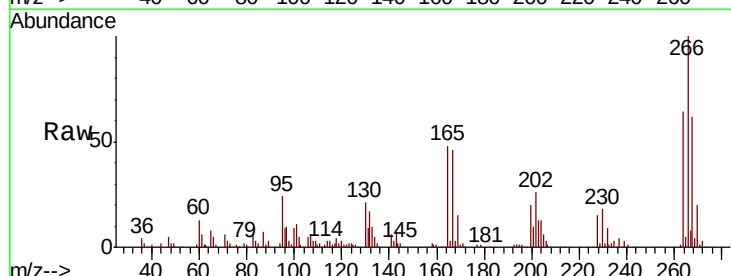
Instrument :
 BNA_G
 ClientSampleId :

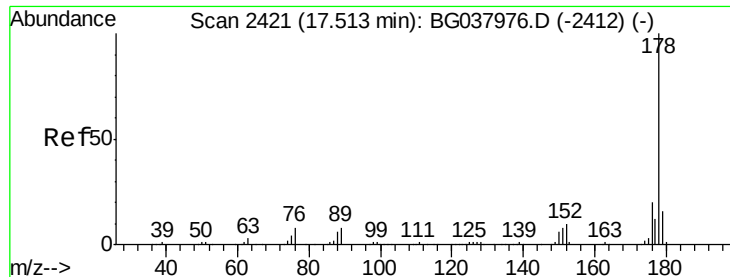
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	6.1	46.1
215	47.5	30.8	70.8



#70
 Pentachlorophenol
 Concen: 77.791 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	55.0	82.6
264	69.1	58.9	88.3

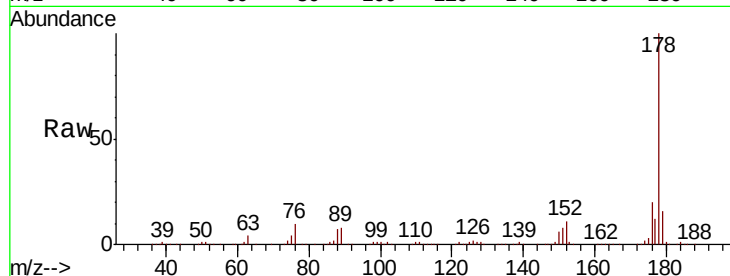




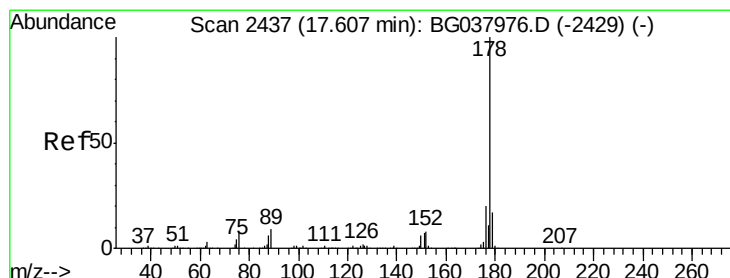
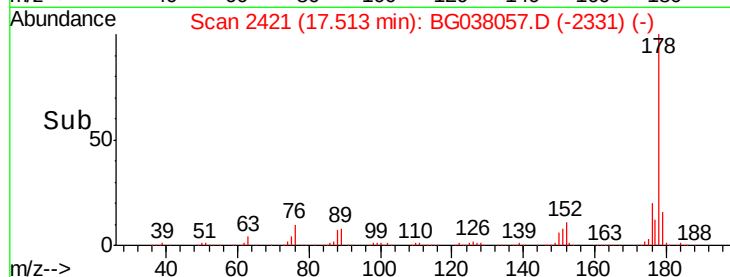
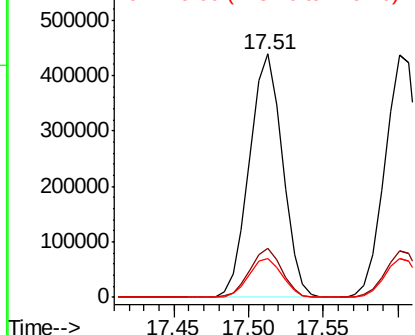
#71
 Phenanthrene
 Concen: 47.035 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.0	13.0	19.4

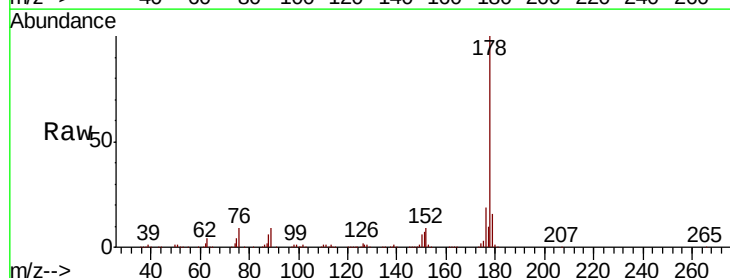


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

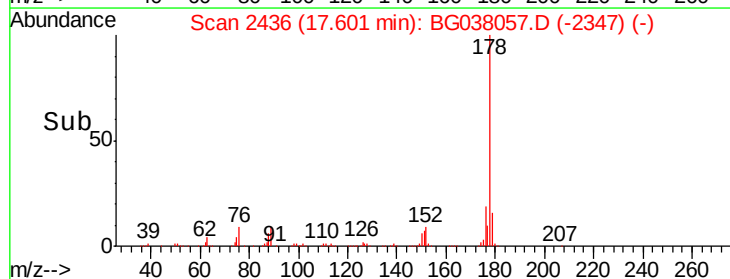
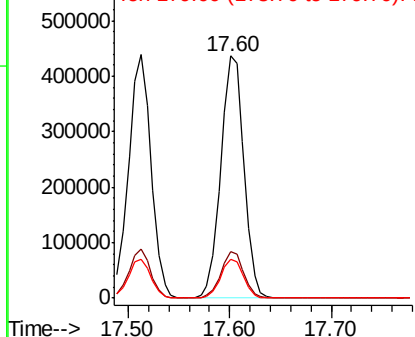


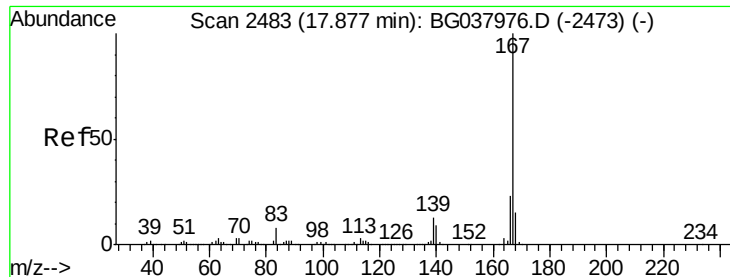
#72
 Anthracene
 Concen: 48.739 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG038057.D
 Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.1	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.908 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

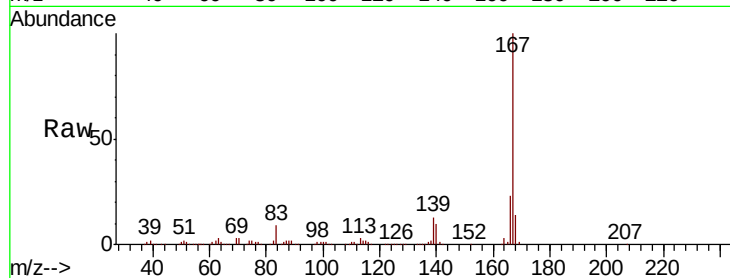
Tot Ion:167 Resp: 636300

Ion Ratio Lower Upper

167 100

166 22.9 18.3 27.5

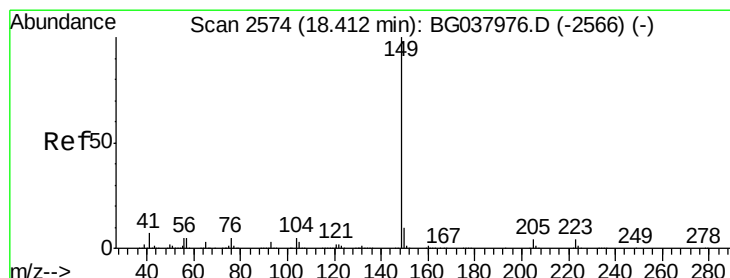
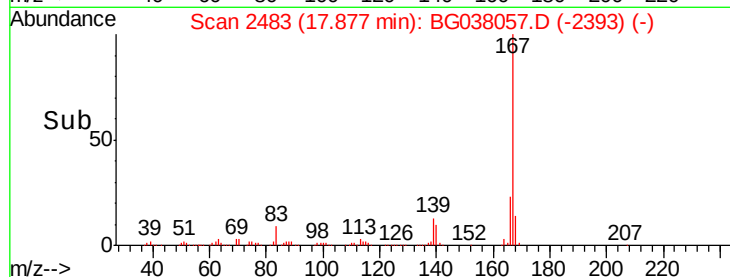
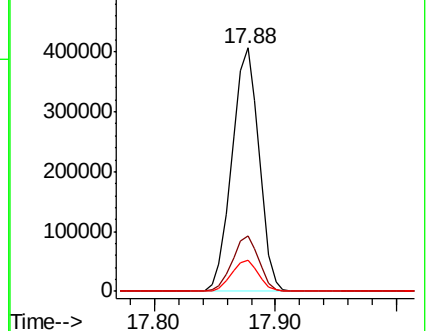
139 12.7 10.5 15.7



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: 47.435 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

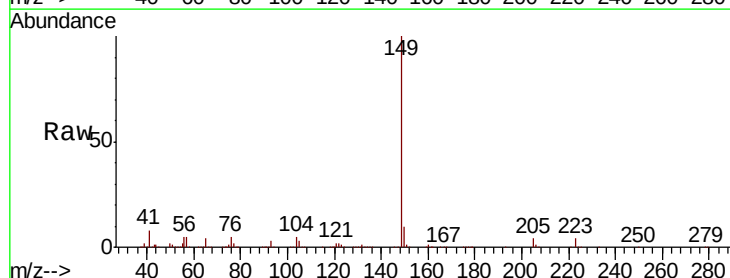
Tgt Ion:149 Resp: 754464

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.2

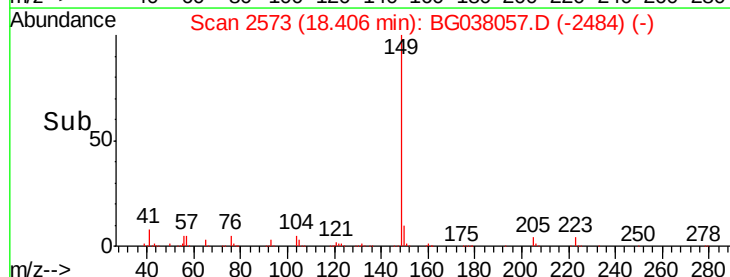
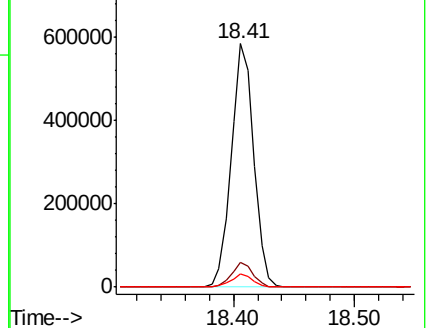
104 5.3 4.0 6.0

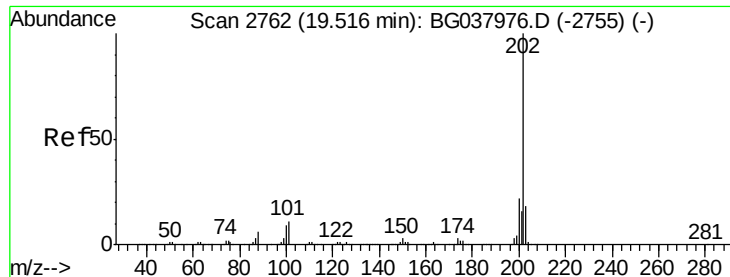


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.229 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

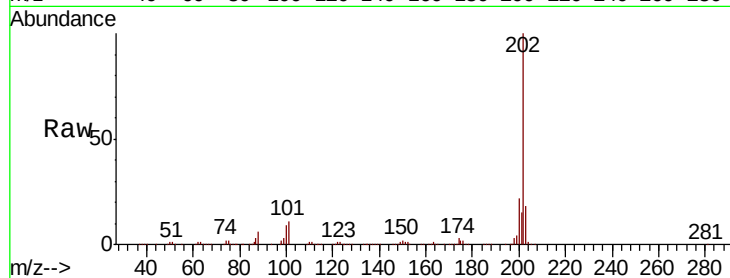
Tot Ion:202 Resp: 804688

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.7

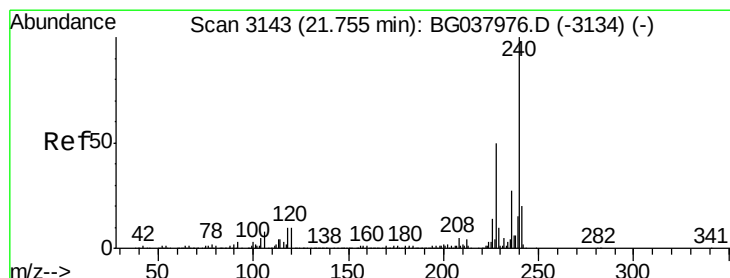
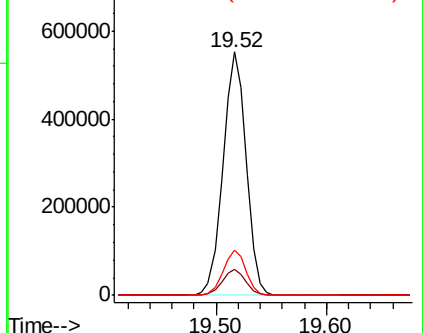
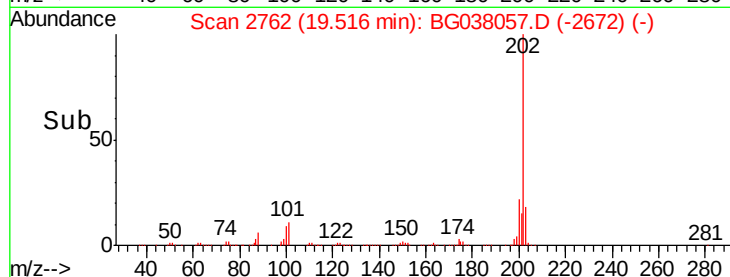
203 18.4 0.0 38.5



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: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

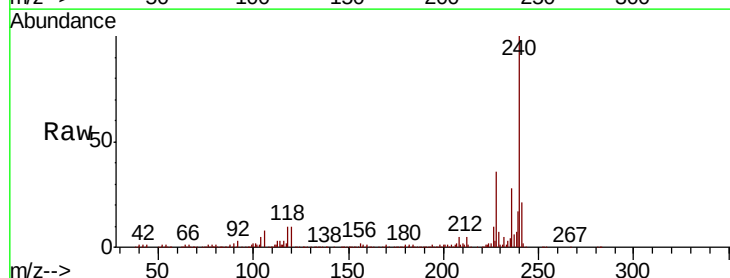
Tgt Ion:240 Resp: 269968

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

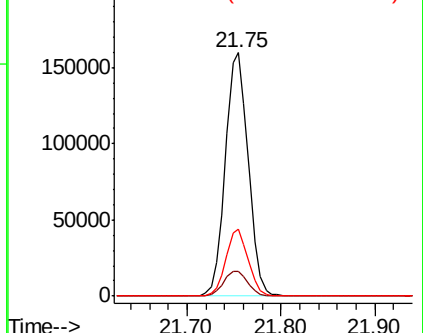
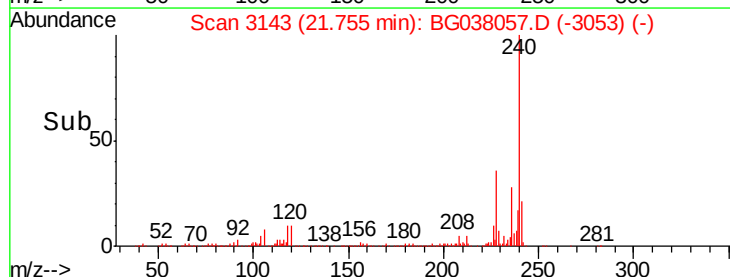
236 27.6 21.4 32.0

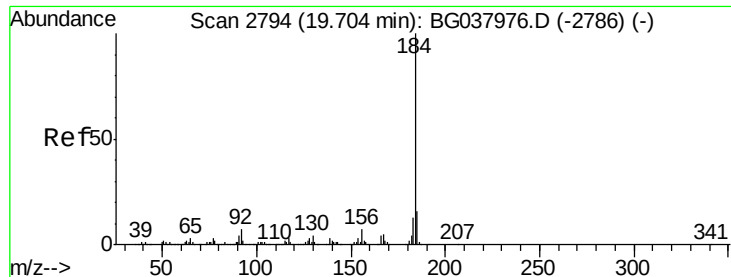


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.486 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

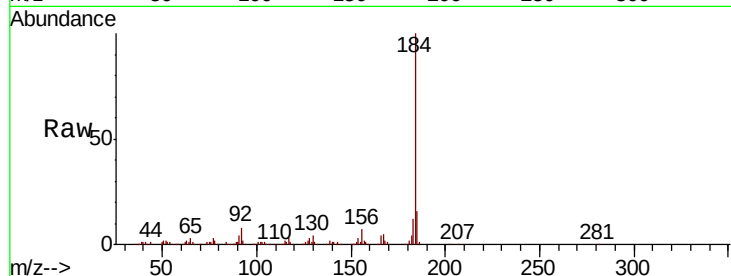
Tot Ion:184 Resp: 383526

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

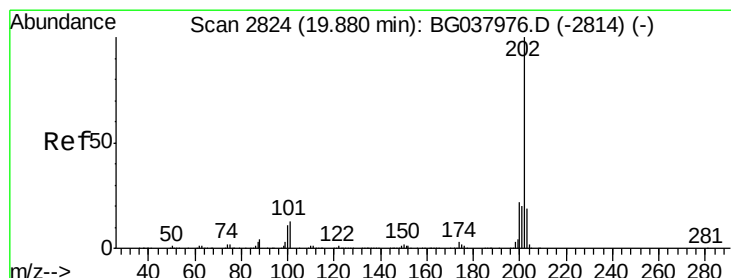
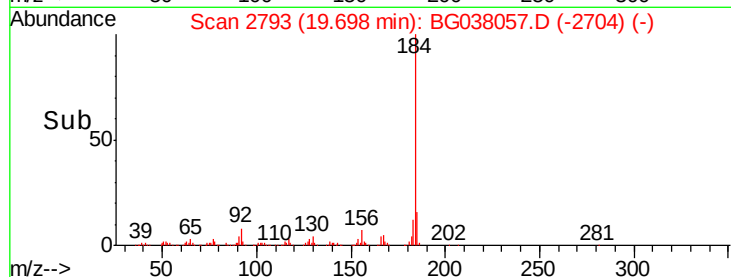
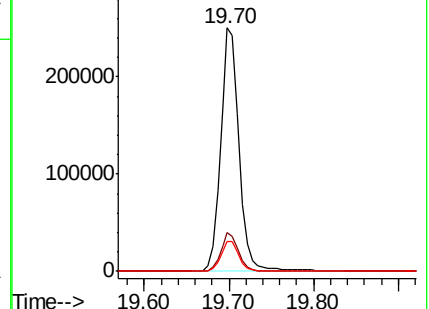
183 12.2 10.2 15.2



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: 45.769 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

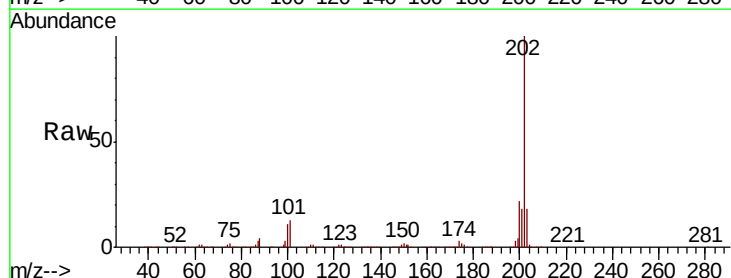
Tgt Ion:202 Resp: 807856

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

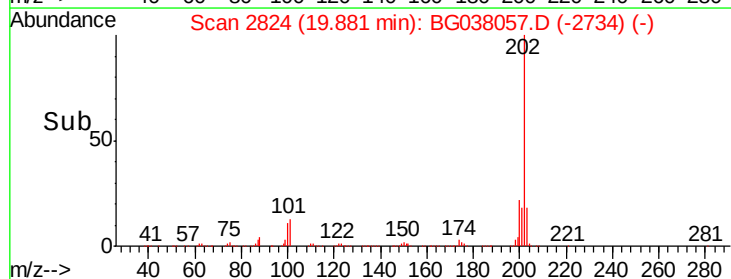
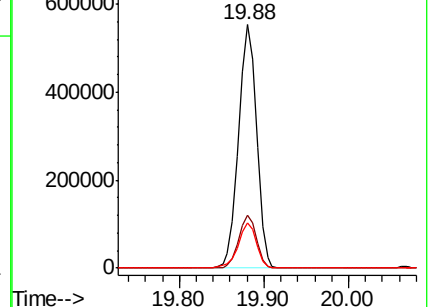
203 18.5 15.2 22.8

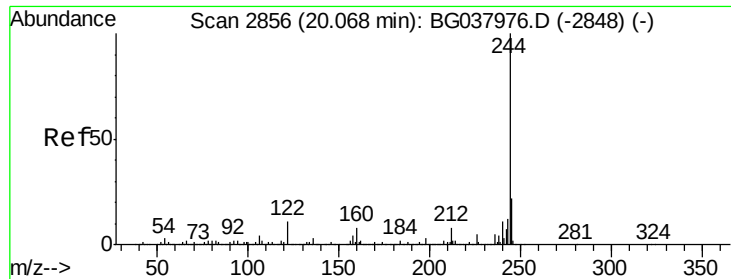


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.086 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

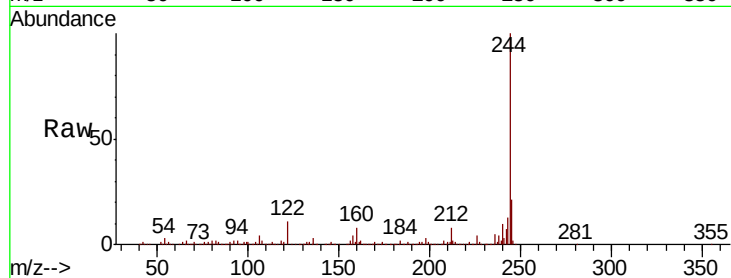
Tot Ion:244 Resp: 838537

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

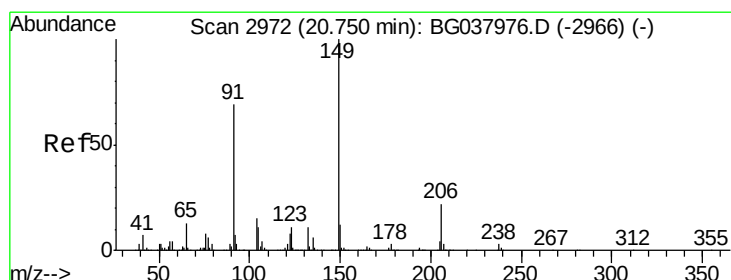
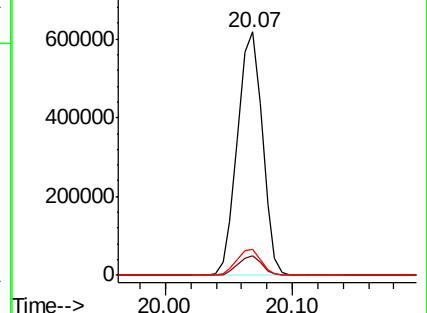
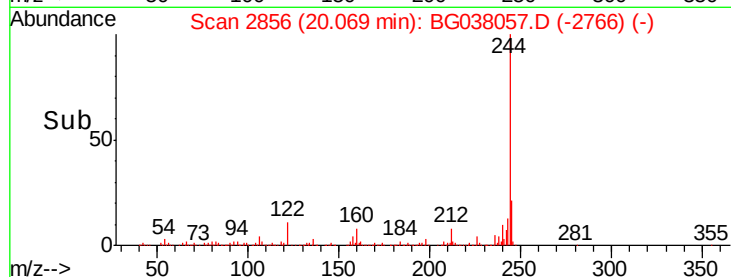
122 10.6 9.0 13.4



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: 46.339 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

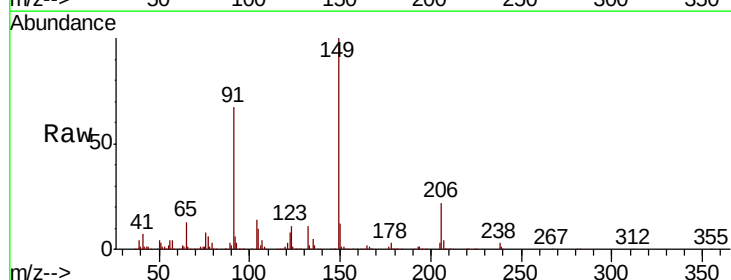
Tgt Ion:149 Resp: 357684

Ion Ratio Lower Upper

149 100

91 67.0 57.0 85.4

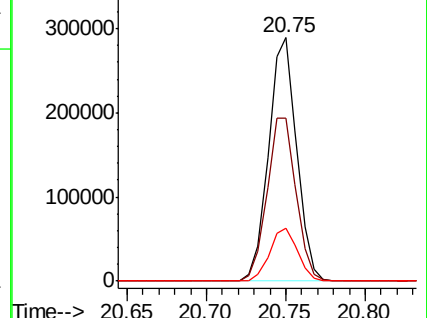
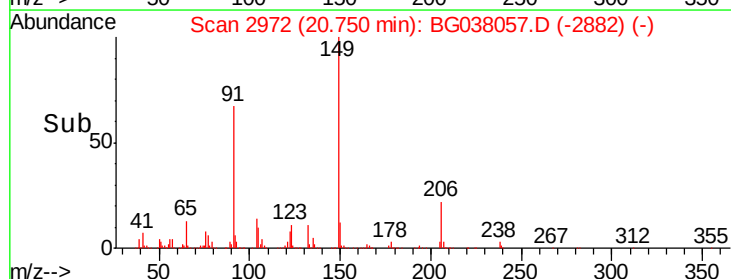
206 22.0 17.8 26.6

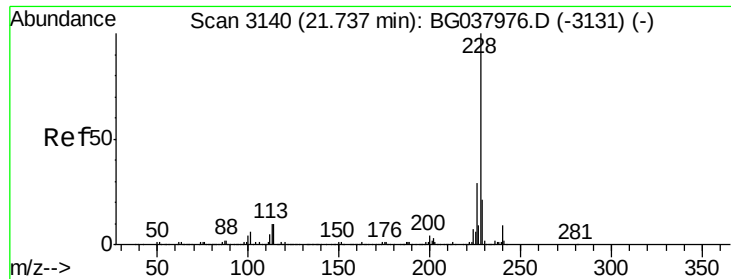


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

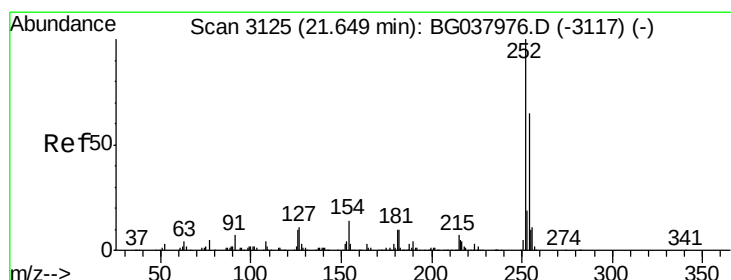
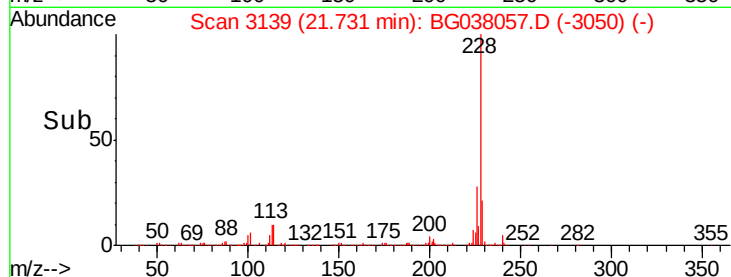
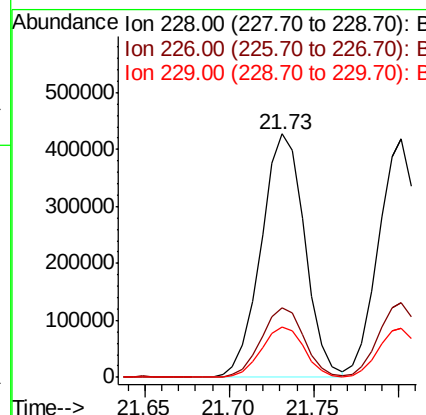
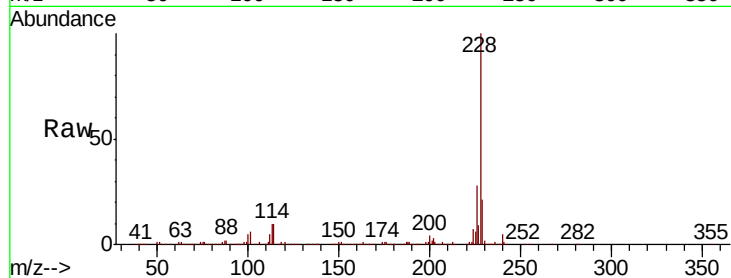




#81
Benzo(a)anthracene
Concen: 46.986 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

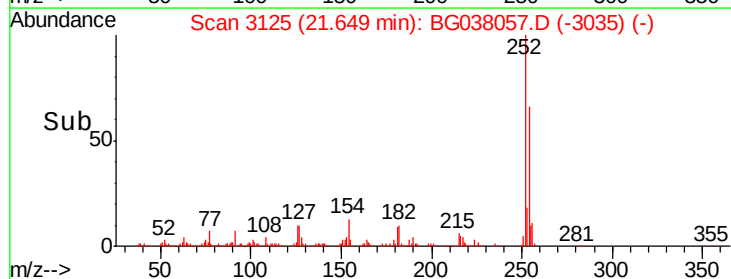
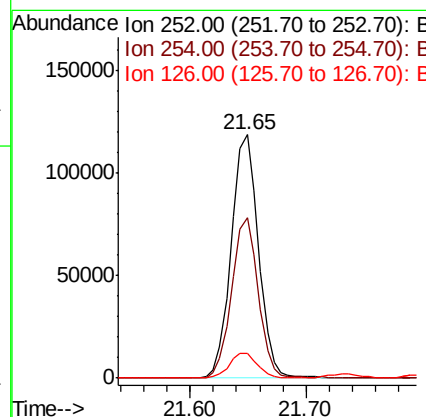
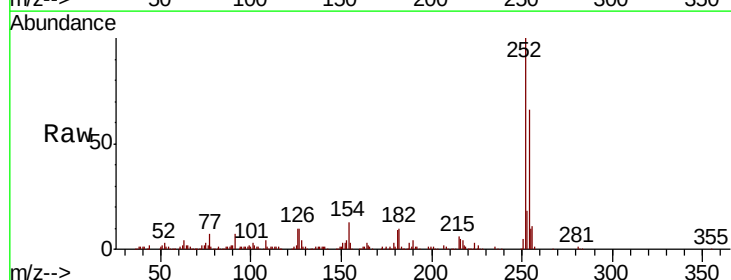
Instrument :
BNA_G
ClientSampled :

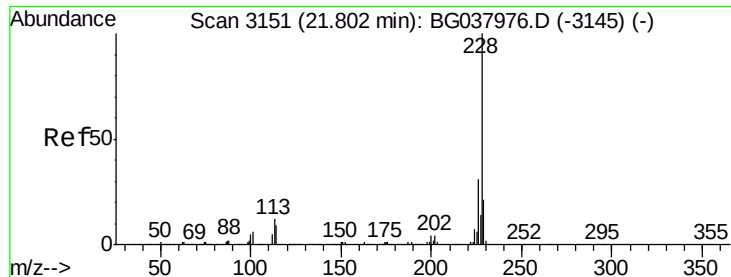
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.7	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.548 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.0	78.0
126	10.3	8.2	12.4





#83

Chrysene

Concen: 45.467 ng

RT: 21.80 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

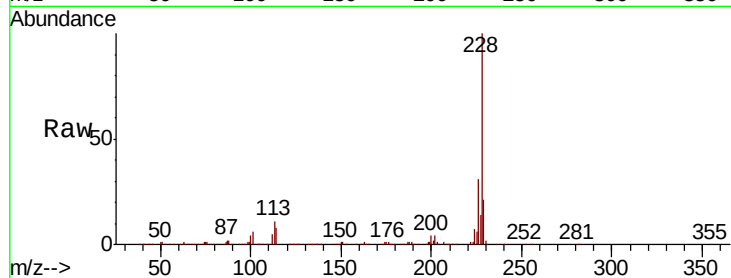
Tot Ion:228 Resp: 709716

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

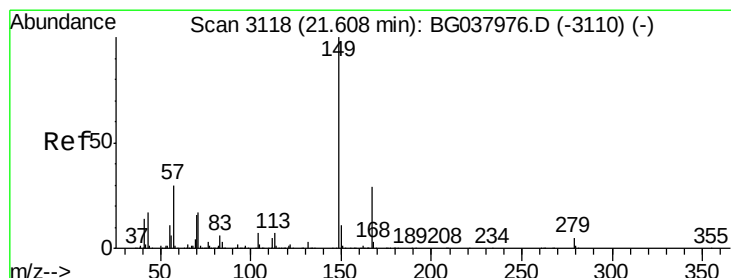
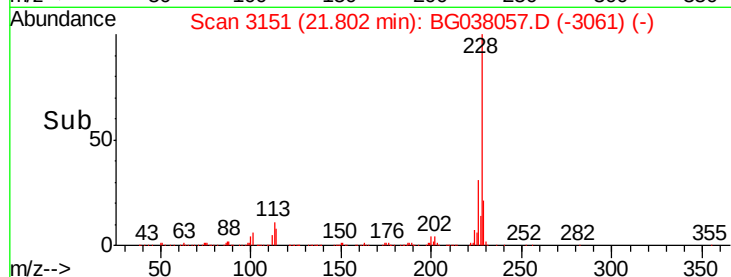
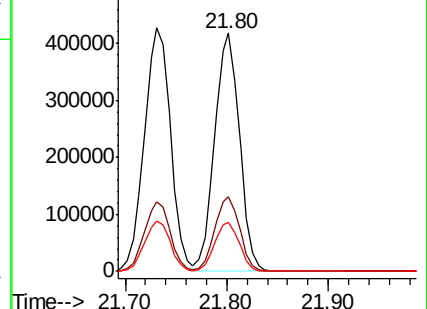
229 20.7 16.5 24.7



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: 45.284 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

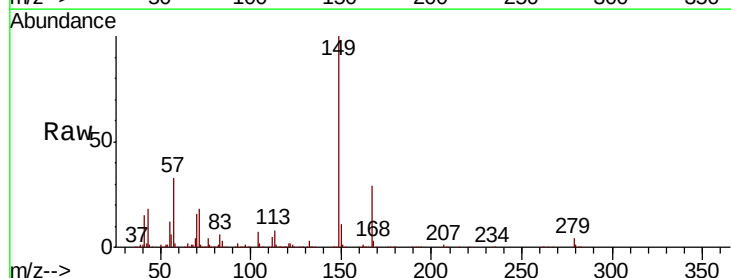
Tgt Ion:149 Resp: 498481

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

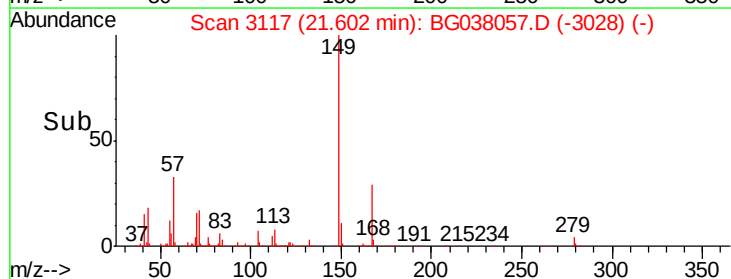
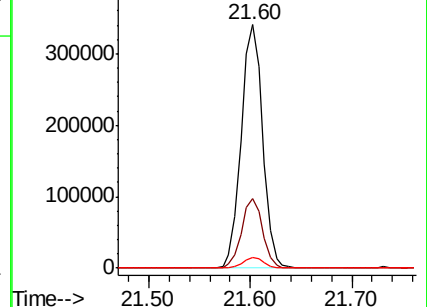
279 4.5 3.6 5.4

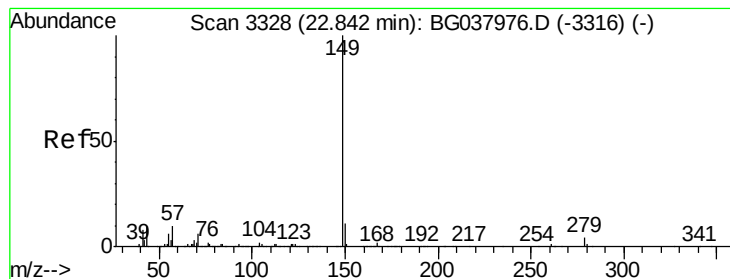


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.253 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

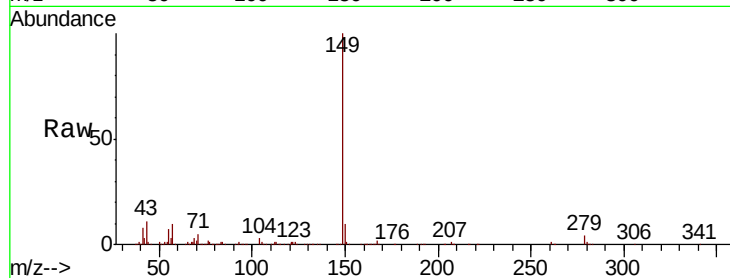
Tot Ion:149 Resp: 859330

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

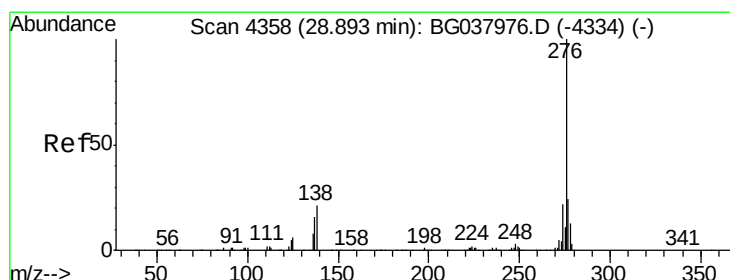
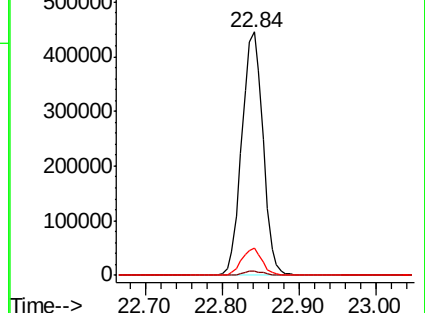
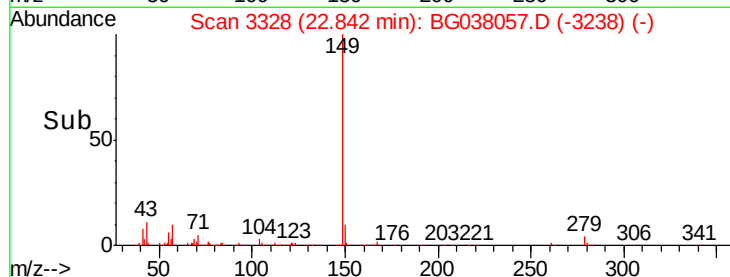
43 10.6 8.7 13.1



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: 49.047 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

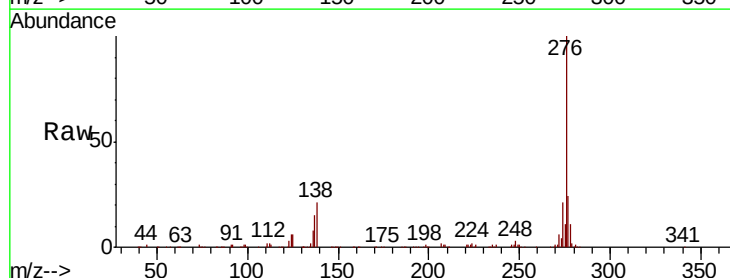
Tgt Ion:276 Resp: 850297

Ion Ratio Lower Upper

276 100

138 25.6 12.0 18.0#

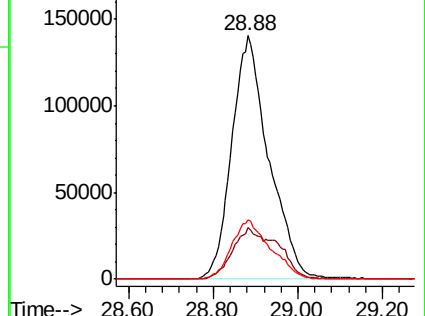
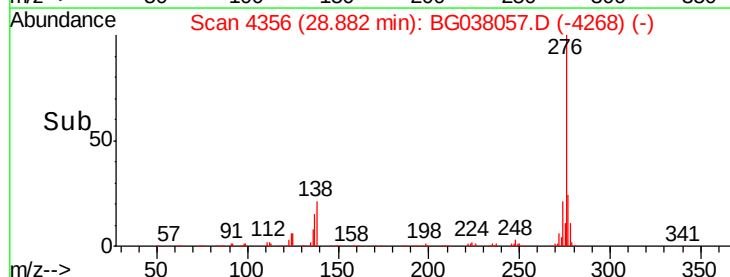
277 25.5 20.6 30.8

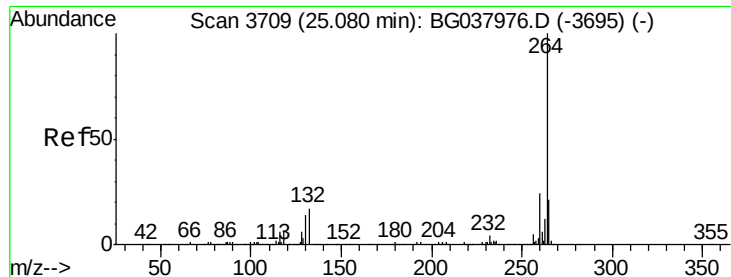


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



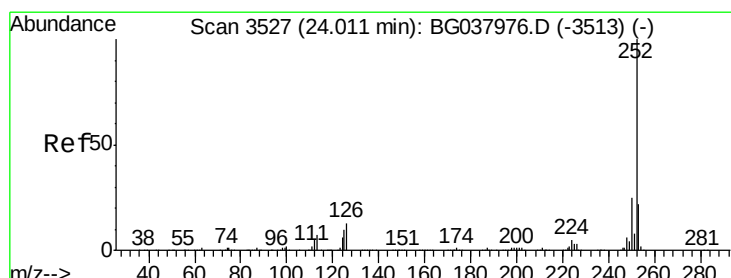
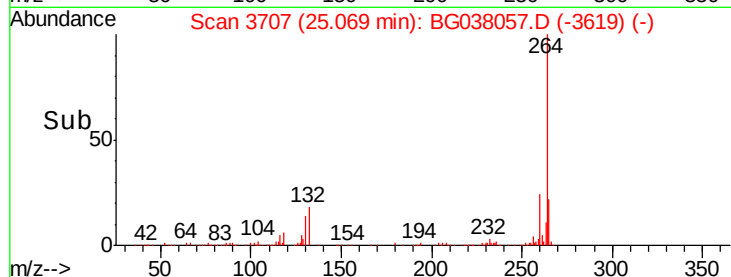
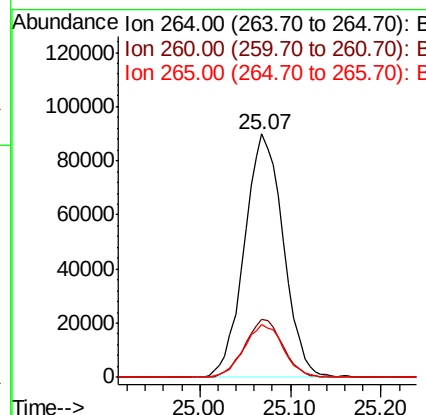
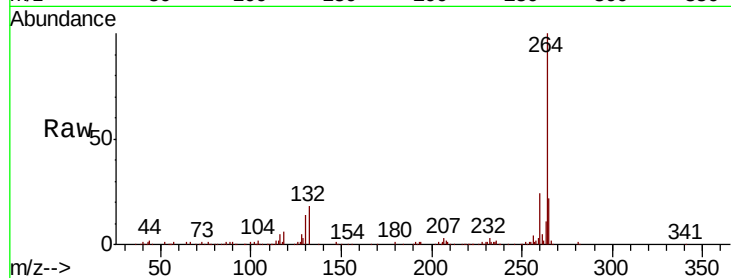


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 267742

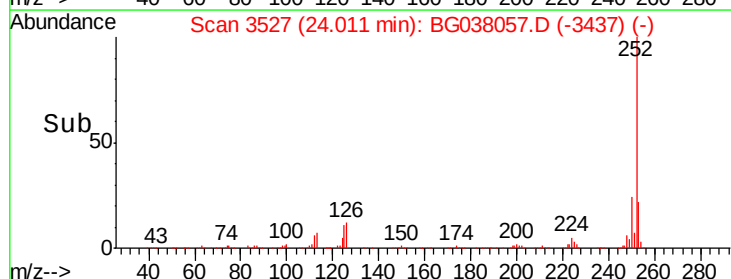
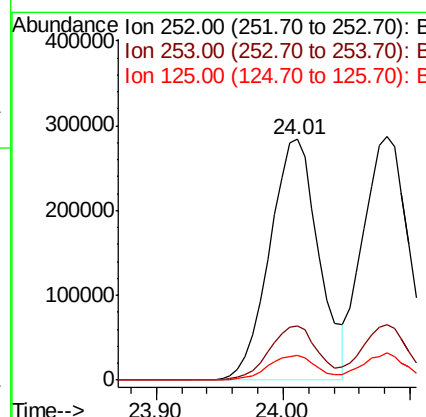
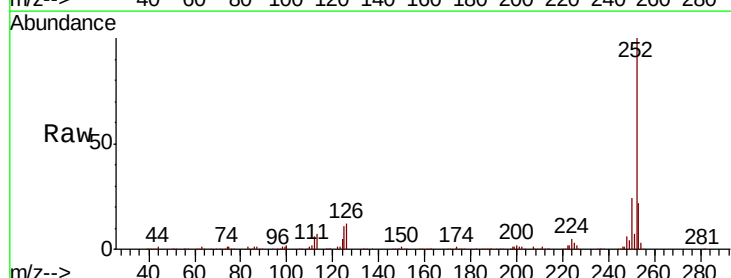
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.8	17.9	26.9

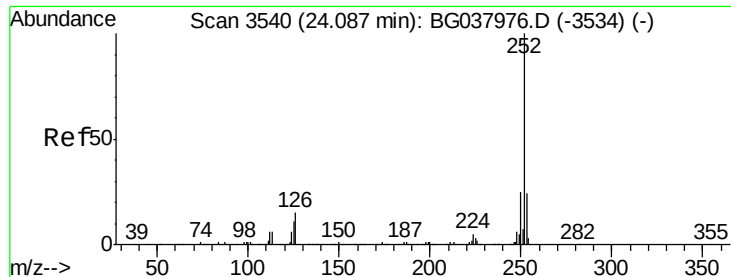


#88
Benzo(b)fluoranthene
Concen: 51.936 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion:252 Resp: 765219

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.5	7.8	11.6

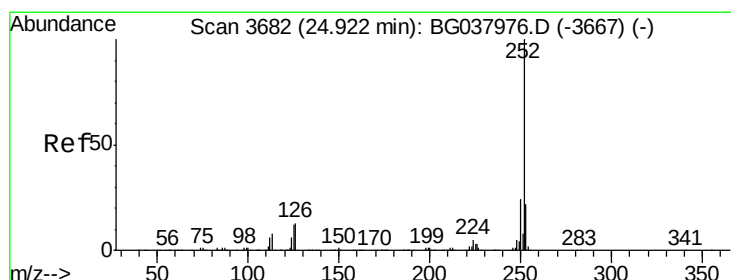
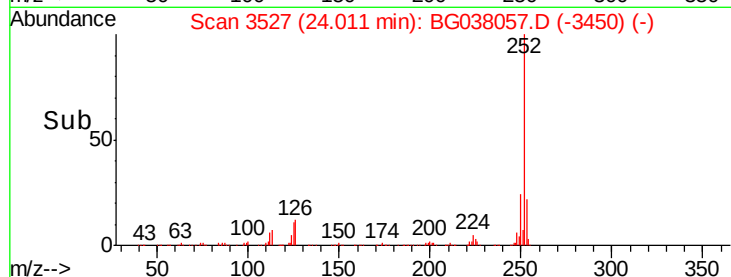
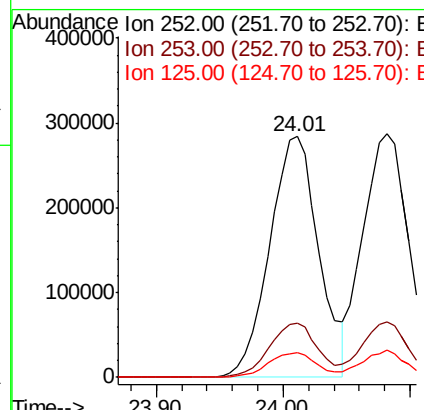
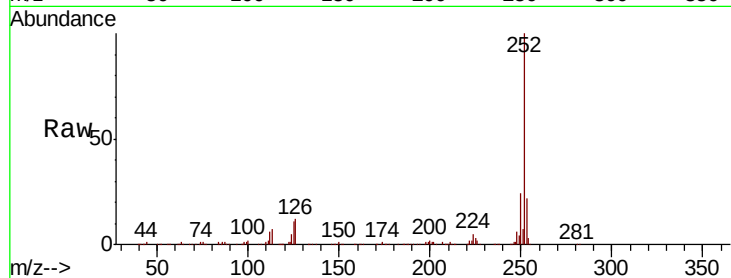




#89
Benzo(k)fluoranthene
Concen: 52.633 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.08 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

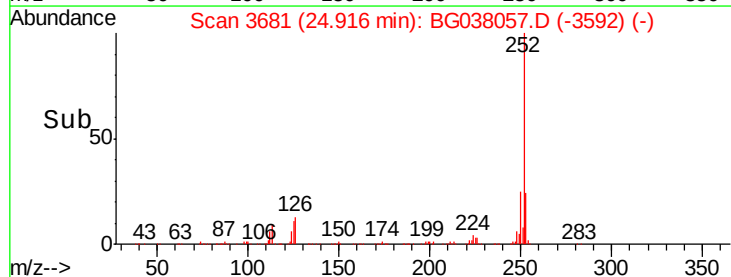
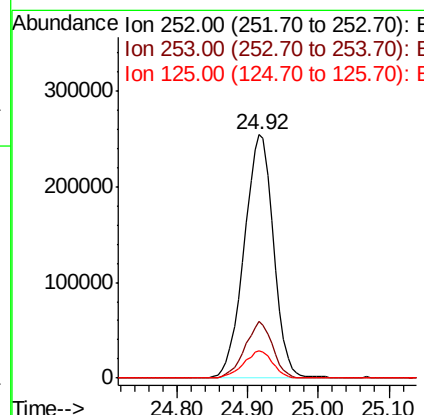
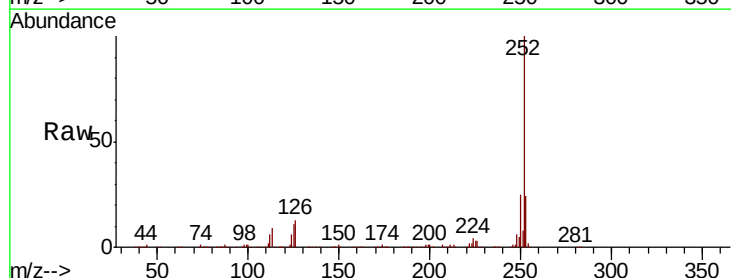
Instrument :
BNA_G
ClientSampleId :

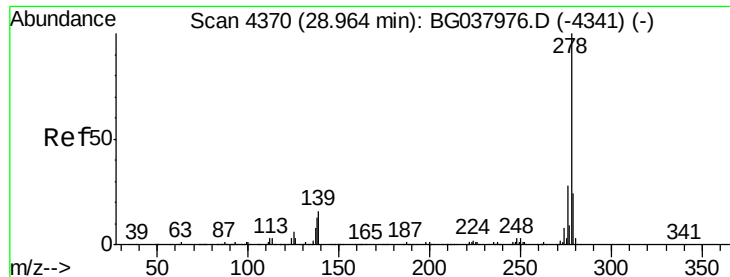
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.5	7.4	11.0



#90
Benzo(a)pyrene
Concen: 52.214 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038057.D
Acq: 17 Nov 2018 6:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	11.0	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 51.720 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.02 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

Instrument :

BNA_G

ClientSampleId :

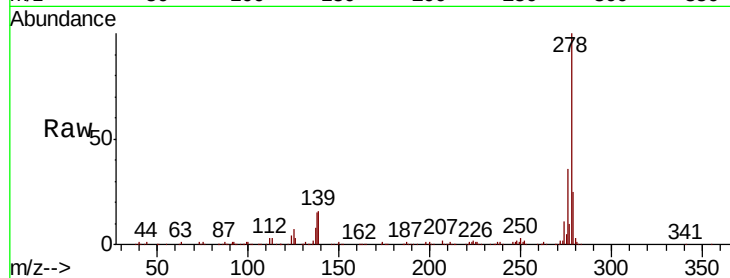
Tot Ion:278 Resp: 700720

Ion Ratio Lower Upper

278 100

139 15.8 11.5 17.3

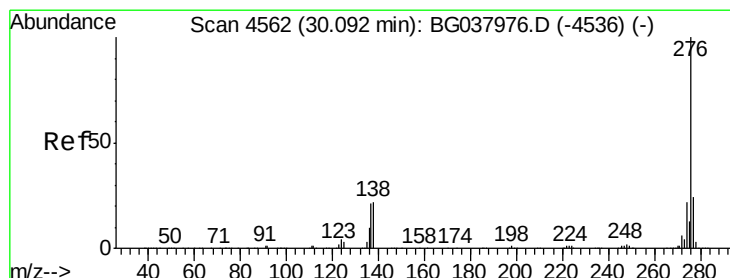
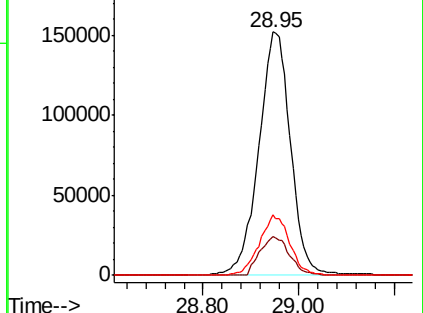
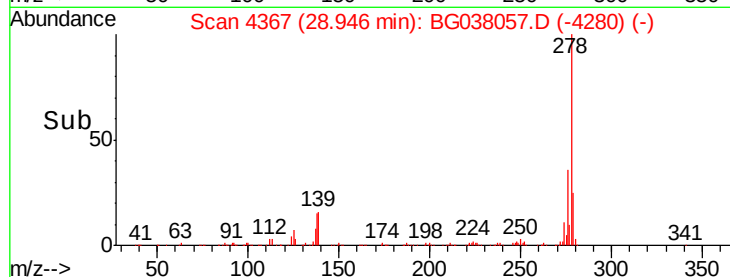
279 24.6 18.6 27.8



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: 52.605 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038057.D

Acq: 17 Nov 2018 6:27

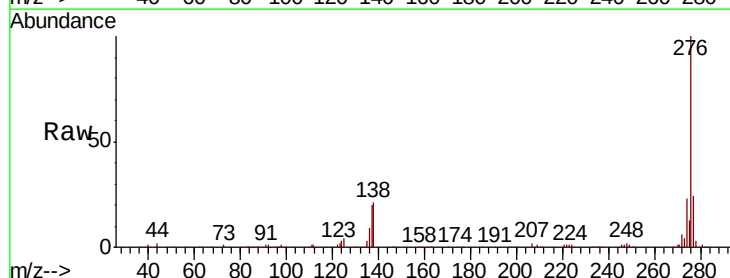
Tgt Ion:276 Resp: 708655

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 21.1 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

