

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038058.D
 Acq On : 17 Nov 2018 7:06
 Operator : JU/SJ
 Sample : PB114894BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

Quant Time: Nov 19 05:45:58 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	42443	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	177956	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112520	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	260655	20.00	ng	0.00
76) Chrysene-d12	21.75	240	246046	20.00	ng	0.00
87) Perylene-d12	25.07	264	246000	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	360051	146.47	ng	0.00
7) Phenol-d6	7.23	99	482979	137.64	ng	0.00
23) Nitrobenzene-d5	9.27	82	225478	67.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	167307	130.38	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	501156	64.89	ng	0.00
79) Terphenyl-d14	20.06	244	782357	74.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	50962	43.890	ng	97
3) Pyridine	3.92	79	113115	34.151	ng	100
4) n-Nitrosodimethylamine	3.84	42	56223	46.788	ng	97
6) Aniline	7.41	93	165588	36.563	ng	96
8) 2-Chlorophenol	7.64	128	134921	47.301	ng	98
9) Benzaldehyde	7.23	77	85076	33.526	ng	94
10) Phenol	7.26	94	176857	47.583	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	127885	42.146	ng	98
12) 1,3-Dichlorobenzene	7.97	146	134691	40.990	ng	99
13) 1,4-Dichlorobenzene	8.12	146	139298	41.965	ng	99
14) 1,2-Dichlorobenzene	8.44	146	132427	41.787	ng	97
15) Benzyl Alcohol	8.33	79	117913	46.439	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	247634	43.950	ng	98
17) 2-Methylphenol	8.52	107	118432	47.131	ng	95
18) Hexachloroethane	9.17	117	51165	42.353	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	103084	40.600	ng	99
20) 3+4-Methylphenols	8.85	107	162277	45.555	ng	98
22) Acetophenone	8.91	105	196235	44.320	ng	# 99
24) Nitrobenzene	9.31	77	154518	45.437	ng	95
25) Isophorone	9.82	82	289919	48.452	ng	96
26) 2-Nitrophenol	10.01	139	75397	44.410	ng	91
27) 2,4-Dimethylphenol	10.06	122	136441	53.340	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	174750	45.672	ng	95
29) 2,4-Dichlorophenol	10.55	162	136961	47.602	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	139724	43.337	ng	95
31) Naphthalene	10.96	128	409511	46.786	ng	99
32) Benzoic acid	10.19	122	70916	44.327	ng	98
33) 4-Chloroaniline	11.06	127	116267	28.557	ng	97
34) Hexachlorobutadiene	11.22	225	81345	40.994	ng	97
35) Caprolactam	11.85	113	32404	28.137	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	146935	46.745	ng	95
37) 2-Methylnaphthalene	12.55	142	301284	47.921	ng	99
38) 1-Methylnaphthalene	12.77	142	285563	47.186	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	156036	41.500	ng	98

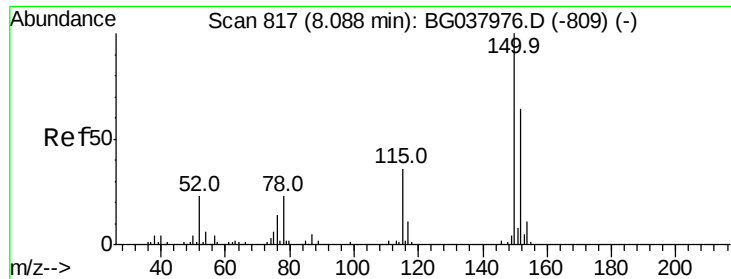
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	193375	96.047	nq	99
43) 2,4,6-Trichlorophenol	13.16	196	110845	43.263	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	118460	43.942	nq	95
46) 1,1'-Biphenyl	13.55	154	384908	40.718	nq	100
47) 2-Chloronaphthalene	13.60	162	302011	41.868	nq	100
48) 2-Nitroaniline	13.81	65	103702	45.679	nq	94
49) Acenaphthylene	14.45	152	502734	46.346	nq	100
50) Dimethylphthalate	14.17	163	388734	43.579	nq	100
51) 2,6-Dinitrotoluene	14.30	165	89746	44.453	nq	97
52) Acenaphthene	14.78	154	288348	44.155	nq	99
53) 3-Nitroaniline	14.64	138	76766	34.459	nq	# 98
54) 2,4-Dinitrophenol	14.84	184	89845	82.171	nq	91
55) Dibenzofuran	15.12	168	467711	43.314	nq	98
56) 4-Nitrophenol	14.93	139	154285	89.795	nq	97
57) 2,4-Dinitrotoluene	15.09	165	127003	46.235	nq	# 93
58) Fluorene	15.76	166	371717	46.137	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	104240	46.210	nq	97
60) Diethylphthalate	15.52	149	401363	42.362	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	191563	40.634	nq	98
62) 4-Nitroaniline	15.80	138	101289	45.768	nq	94
63) Azobenzene	16.05	77	374225	44.175	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	69062	41.890	nq	94
66) n-Nitrosodiphenylamine	15.97	169	343810	43.600	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	120578	42.147	nq	97
68) Hexachlorobenzene	16.76	284	122625	41.525	nq	99
69) Atrazine	16.91	200	128318	44.143	nq	99
70) Pentachlorophenol	17.11	266	153454	76.513	nq	97
71) Phenanthrene	17.51	178	627380	47.012	nq	99
72) Anthracene	17.60	178	637266	48.444	nq	99
73) Carbazole	17.87	167	591846	44.843	nq	99
74) Di-n-butylphthalate	18.41	149	706120	47.661	nq	99
75) Fluoranthene	19.52	202	748174	49.138	nq	100
77) Benzidine	19.70	184	337168	39.053	nq	99
78) Pyrene	19.88	202	753689	46.852	nq	98
80) Butylbenzylphthalate	20.75	149	330175	46.933	nq	99
81) Benzo(a)anthracene	21.73	228	708013	47.617	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	194106	33.513	nq	97
83) Chrysene	21.80	228	659361	46.348	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	460696	45.920	nq	100
85) Di-n-octyl phthalate	22.84	149	789750	48.658	nq	100
86) Indeno(1,2,3-cd)pyrene	28.88	276	778438	49.268	nq	98
88) Benzo(b)fluoranthene	24.01	252	691993	51.117	nq	99
89) Benzo(k)fluoranthene	24.08	252	678714	50.809	nq	99
90) Benzo(a)pyrene	24.91	252	677195	52.344	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	646199	51.911	nq	99
92) Benzo(g,h,i)perylene	30.08	276	642781	51.932	nq	99

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

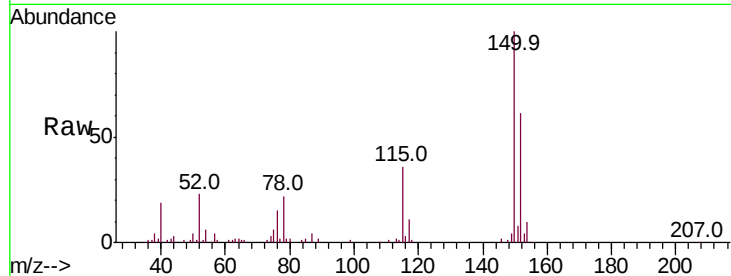


#1

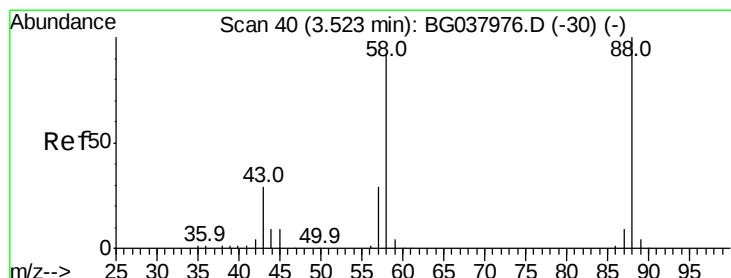
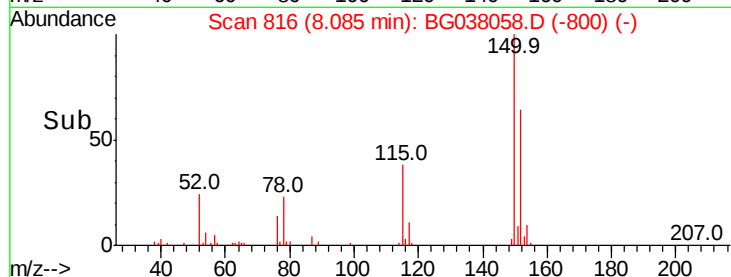
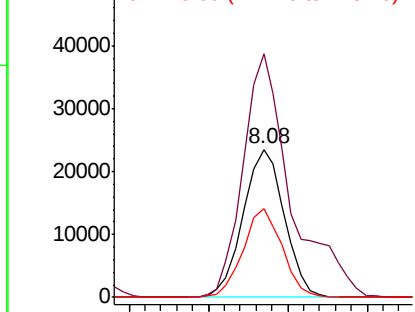
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion:152 Resp: 42443
Ion Ratio Lower Upper
152 100
150 164.6 126.0 189.0
115 59.9 45.5 68.3



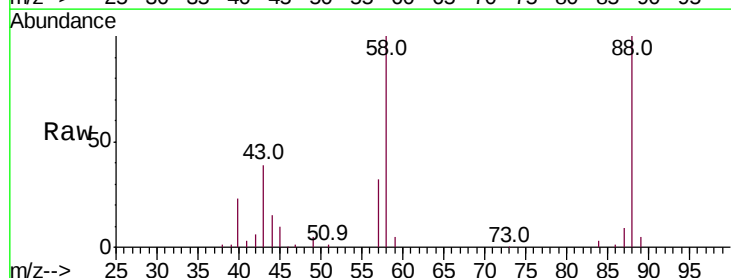
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



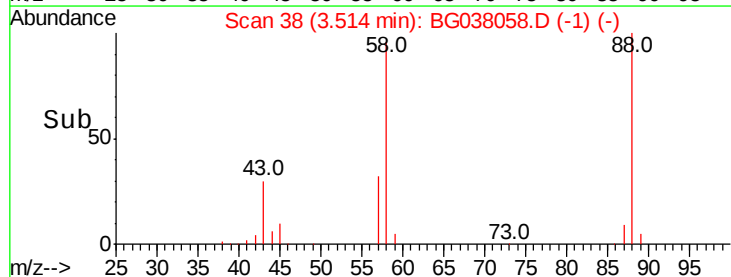
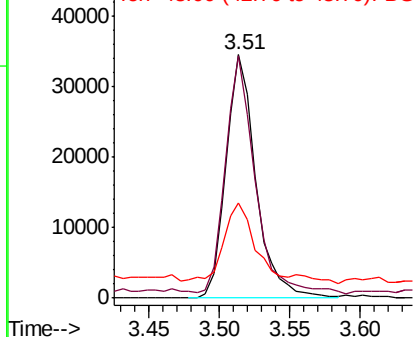
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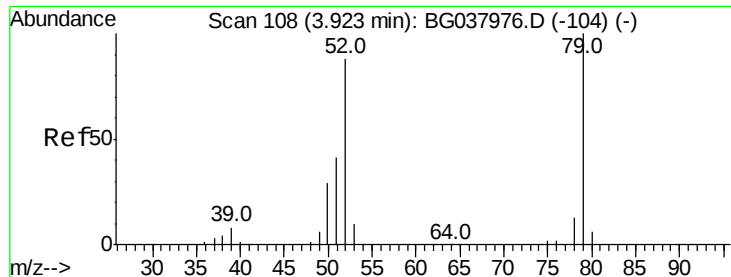
1,4-Dioxane
Concen: 43.890 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion: 88 Resp: 50962
Ion Ratio Lower Upper
88 100
58 95.6 74.4 111.6
43 29.8 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: 34.151 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

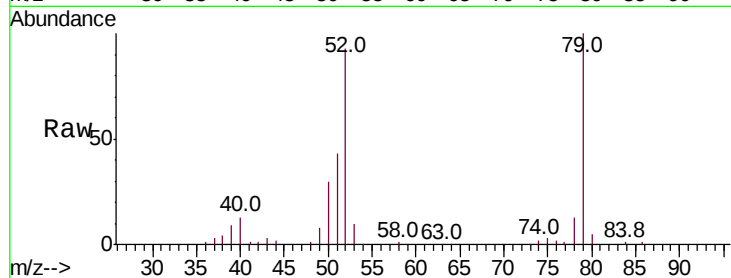
Tot Ion: 79 Resp: 113115

Ion Ratio Lower Upper

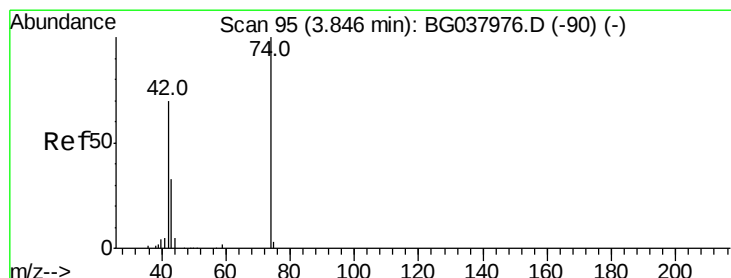
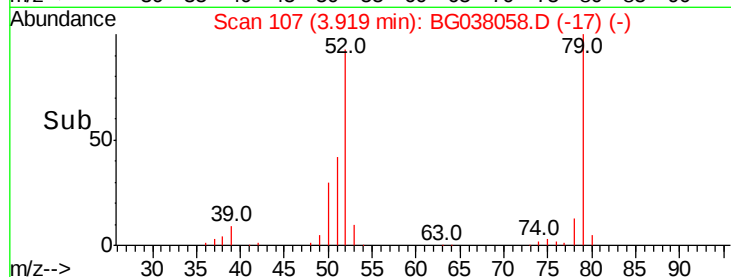
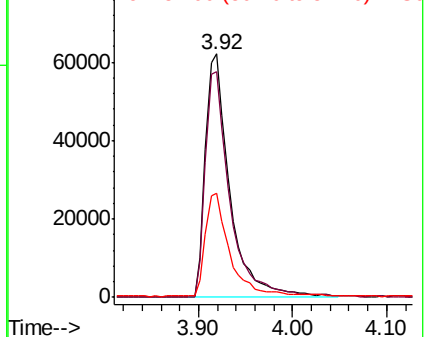
79 100

52 92.8 74.2 111.2

51 42.7 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.788 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

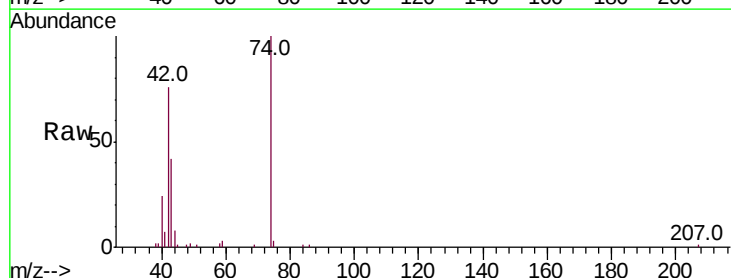
Tgt Ion: 42 Resp: 56223

Ion Ratio Lower Upper

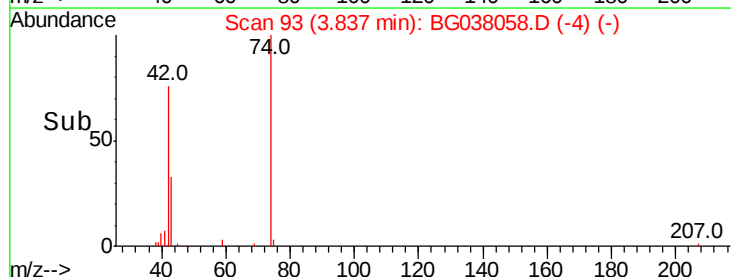
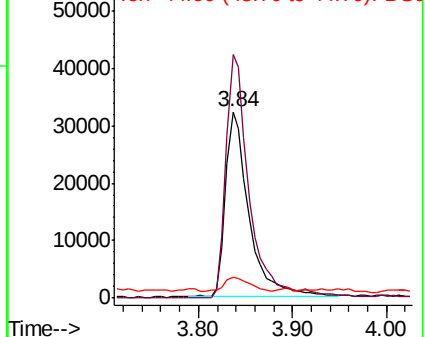
42 100

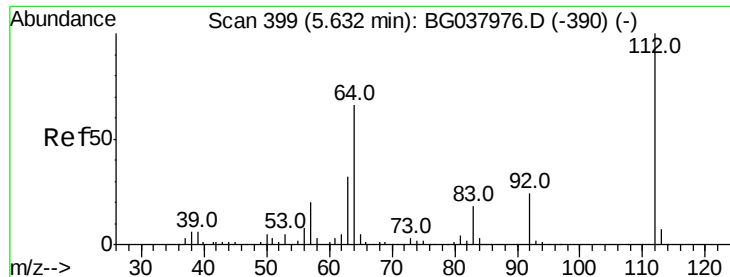
74 130.7 102.0 153.0

44 11.0 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.467 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

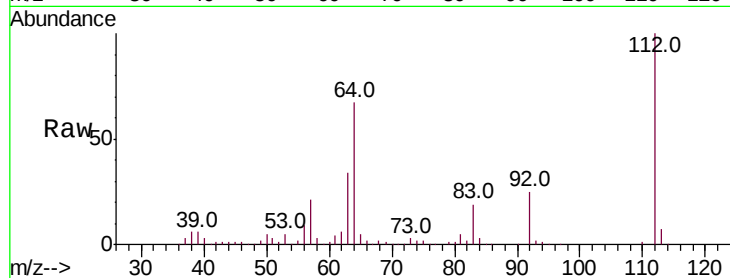
Tot Ion:112 Resp: 360051

Ion Ratio Lower Upper

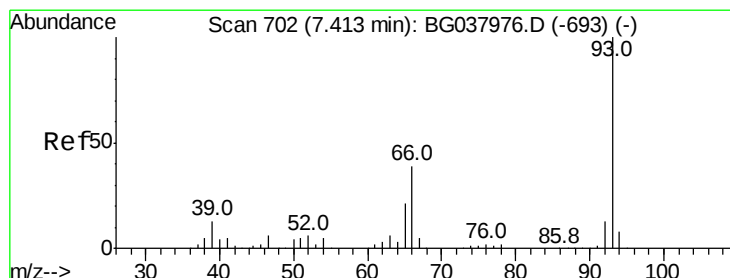
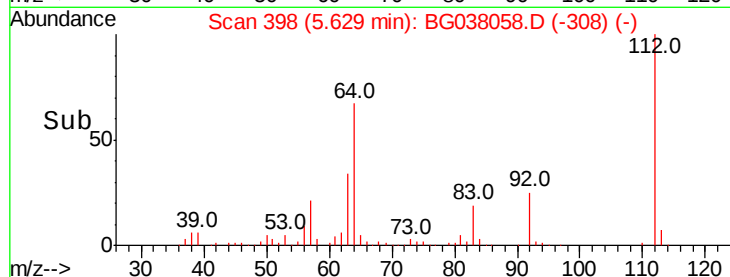
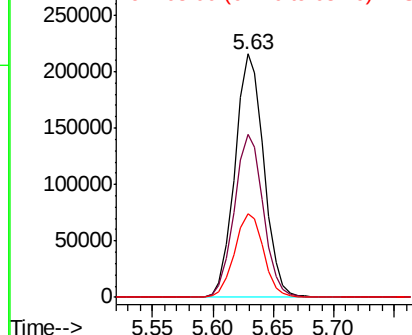
112 100

64 66.9 53.1 79.7

63 34.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.563 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

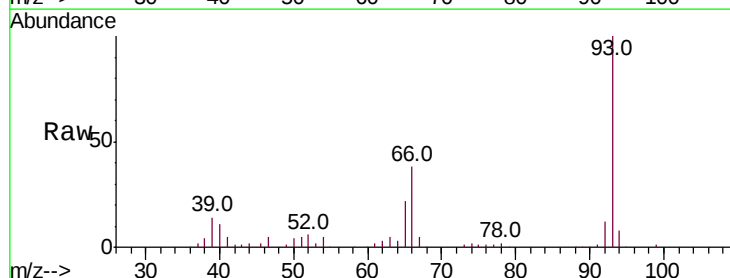
Tgt Ion: 93 Resp: 165588

Ion Ratio Lower Upper

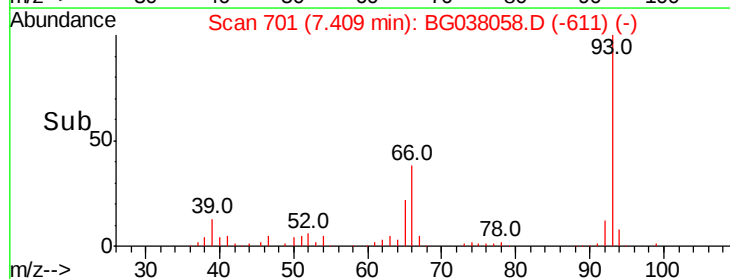
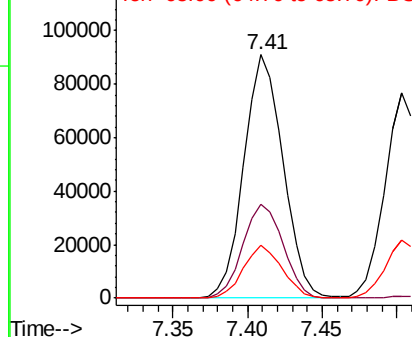
93 100

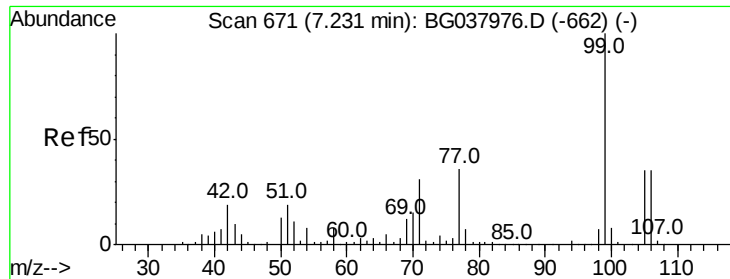
66 38.3 32.8 49.2

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: 137.641 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

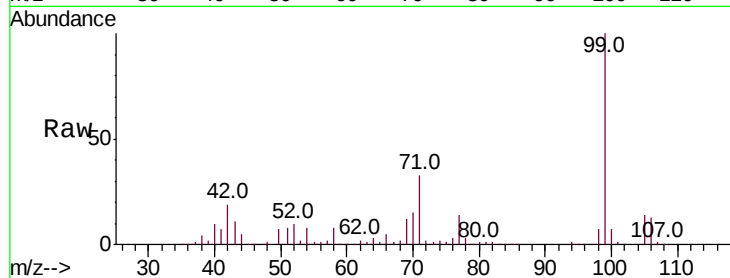
Tot Ion: 99 Resp: 482979

Ion Ratio Lower Upper

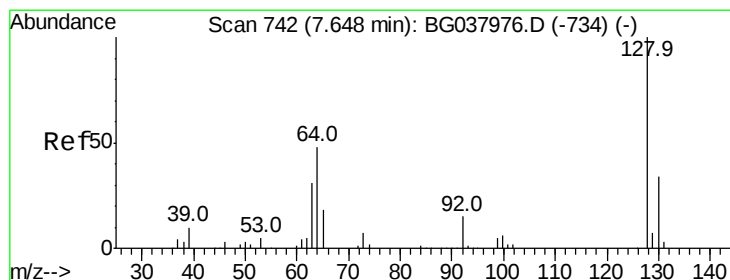
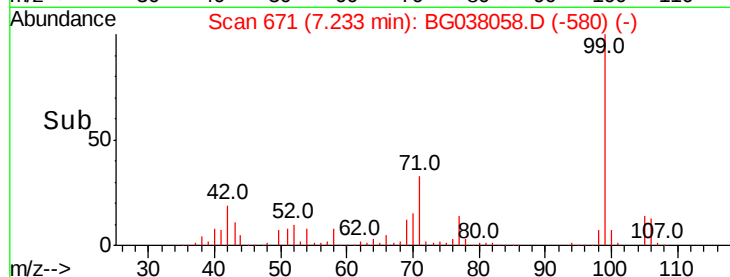
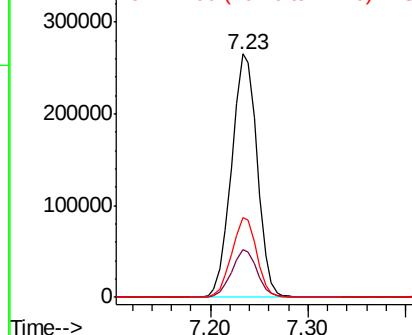
99 100

42 19.4 15.0 22.4

71 32.7 25.5 38.3



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



#8

2-Chlorophenol

Concen: 47.301 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

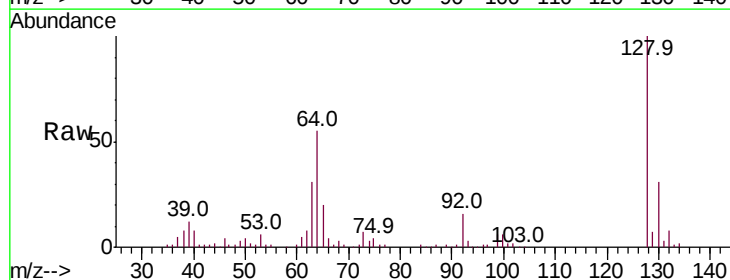
Tgt Ion: 128 Resp: 134921

Ion Ratio Lower Upper

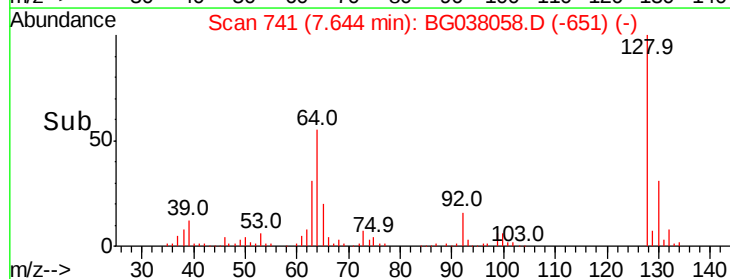
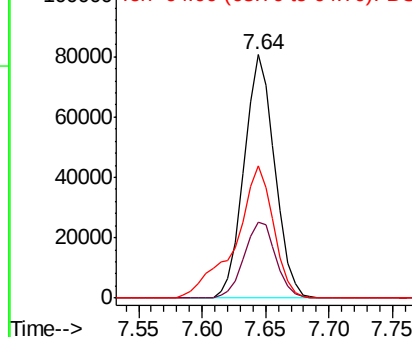
128 100

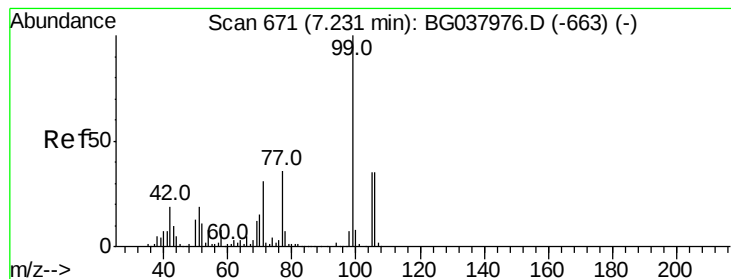
130 31.4 12.0 52.0

64 54.5 32.9 72.9



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





#9

Benzaldehyde

Concen: 33.526 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

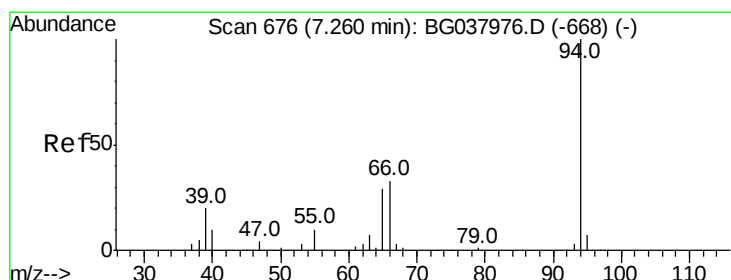
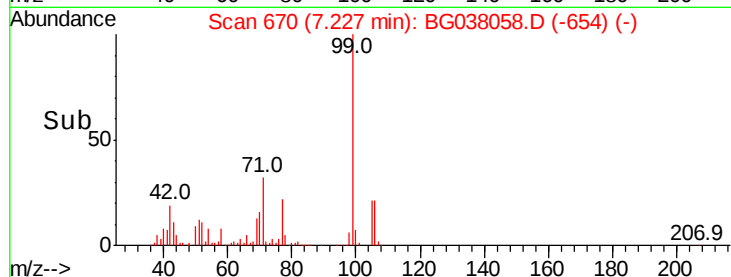
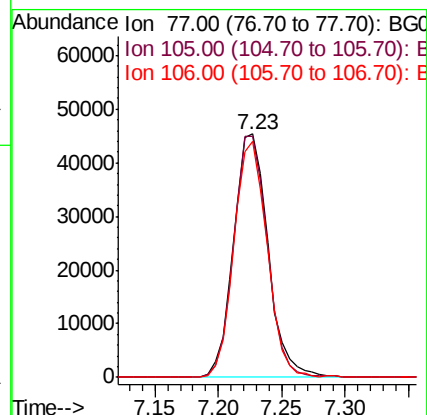
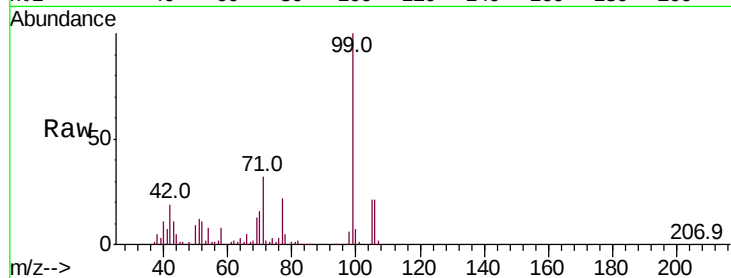
Tot Ion: 77 Resp: 85076

Ion Ratio Lower Upper

77 100

105 98.7 72.6 112.6

106 96.8 71.3 111.3



#10

Phenol

Concen: 47.583 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

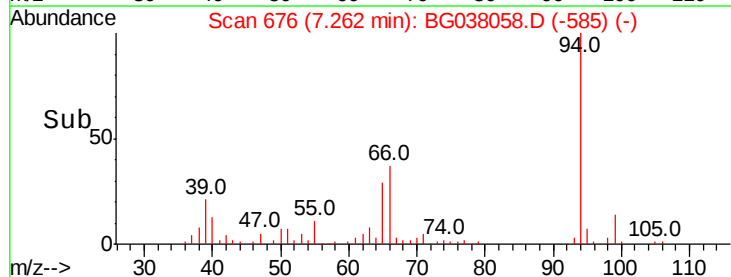
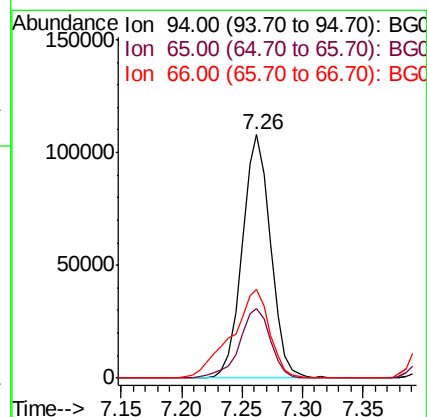
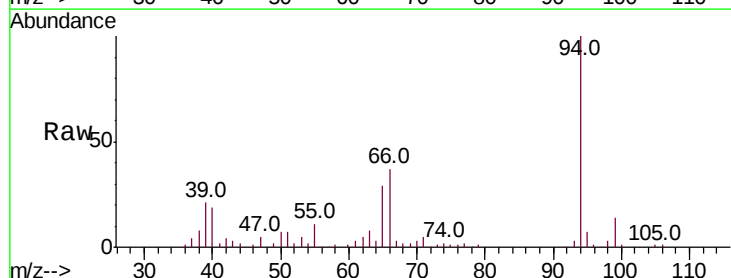
Tgt Ion: 94 Resp: 176857

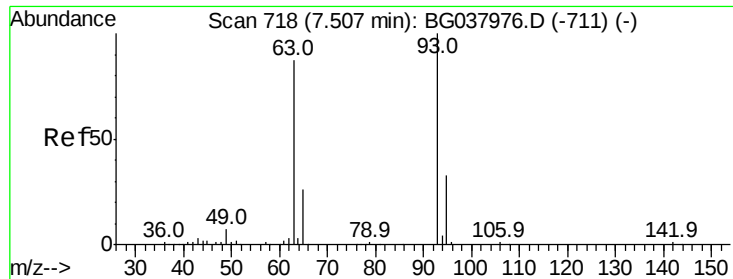
Ion Ratio Lower Upper

94 100

65 28.6 9.7 49.7

66 36.7 15.9 55.9





#11

bis(2-Chloroethyl)ether

Concen: 42.146 ng

RT: 7.50 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

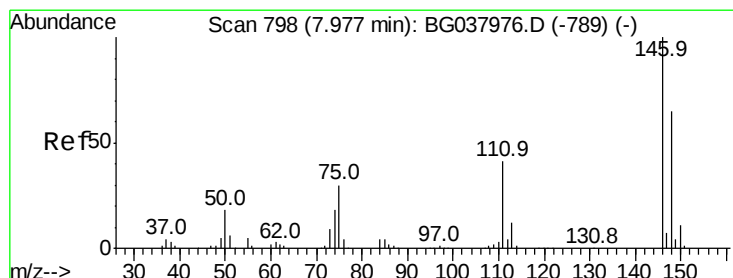
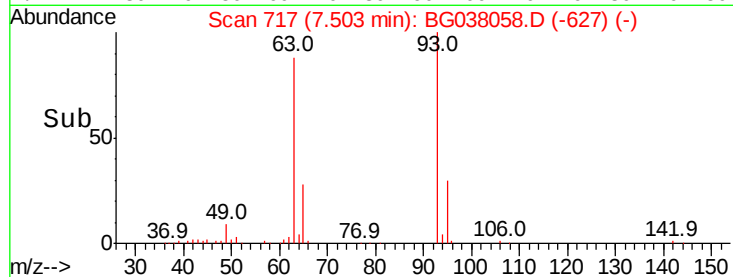
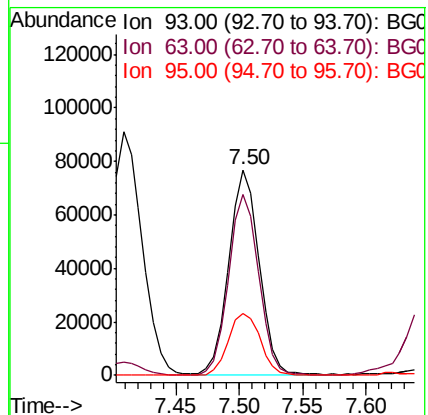
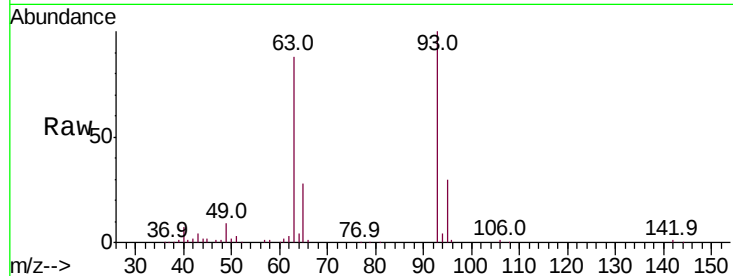
Tot Ion: 93 Resp: 127885

Ion Ratio Lower Upper

93 100

63 88.1 69.5 109.5

95 30.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.990 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

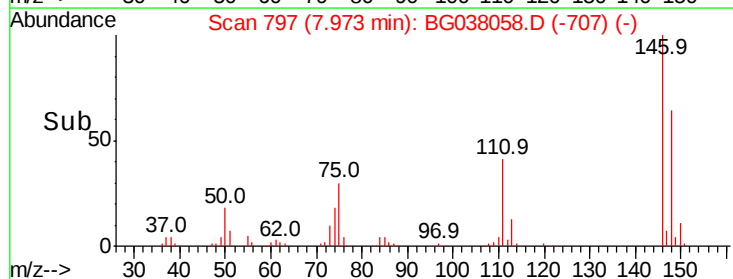
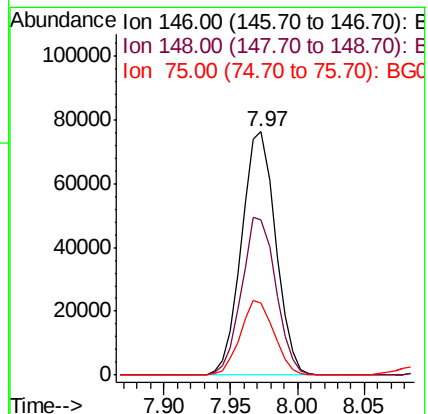
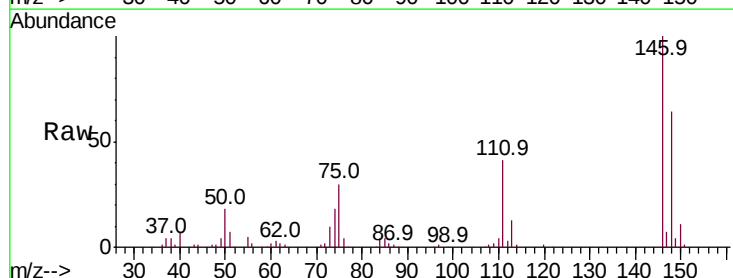
Tgt Ion: 146 Resp: 134691

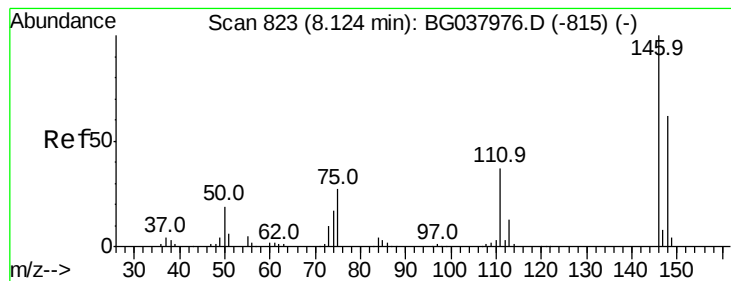
Ion Ratio Lower Upper

146 100

148 63.5 49.8 74.8

75 29.5 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.965 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

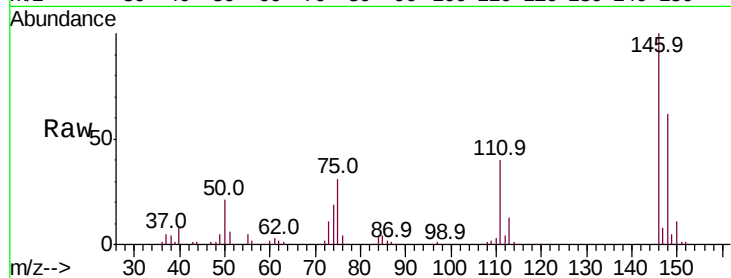
Tot Ion:146 Resp: 139298

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

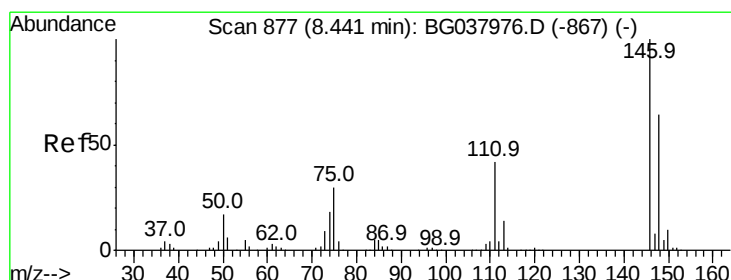
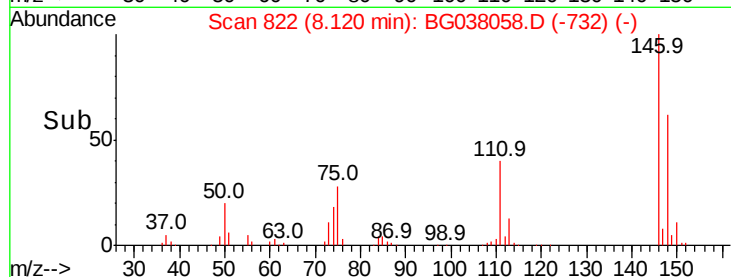
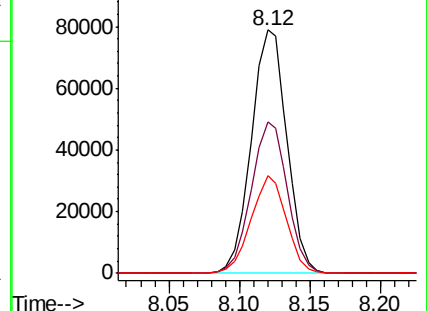
111 40.3 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.787 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

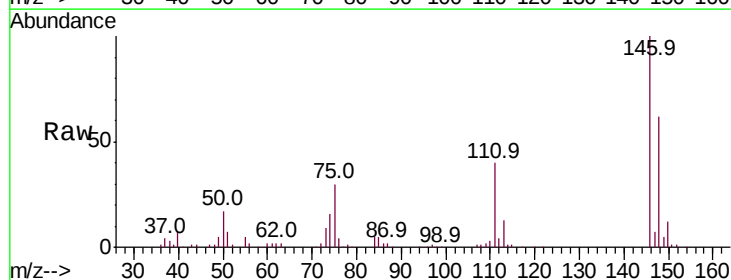
Tgt Ion:146 Resp: 132427

Ion Ratio Lower Upper

146 100

148 62.3 50.4 75.6

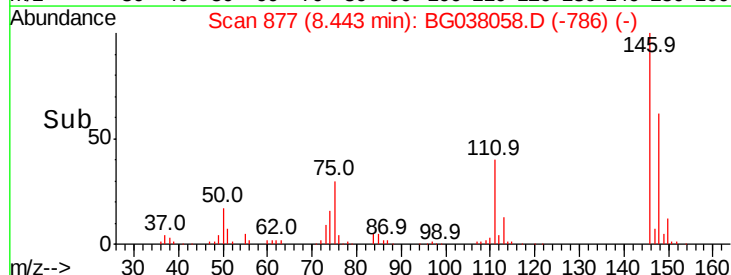
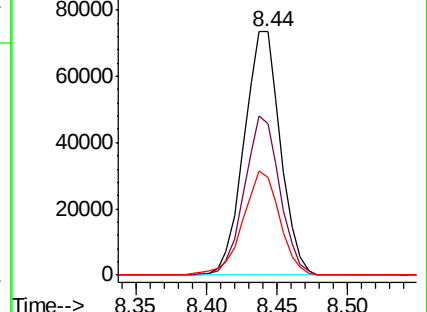
111 40.1 34.6 51.8

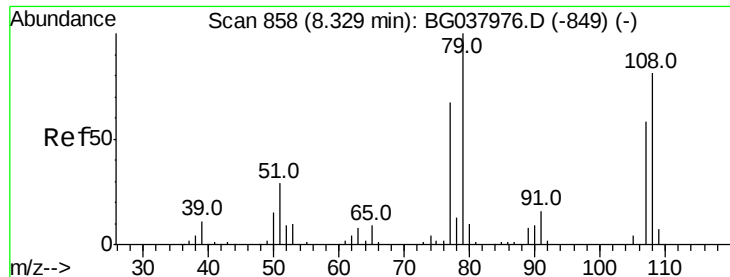


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.439 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

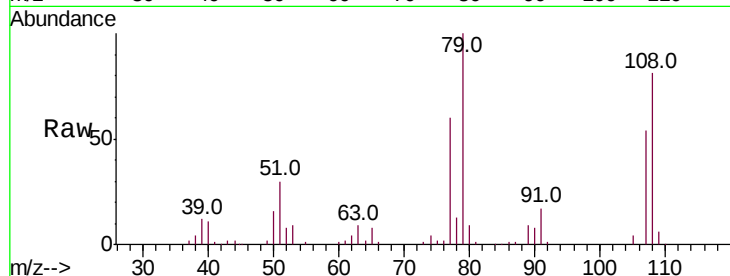
Tot Ion: 79 Resp: 117913

Ion Ratio Lower Upper

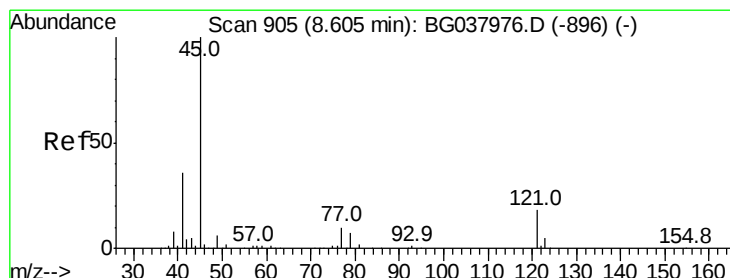
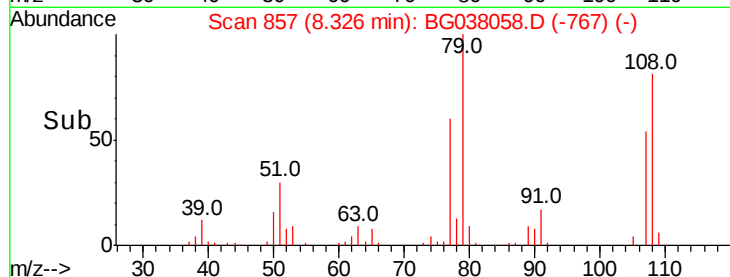
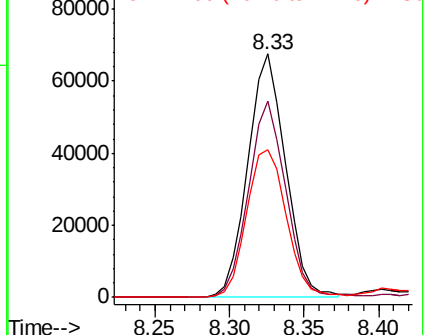
79 100

108 80.6 65.8 98.8

77 60.4 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: 43.950 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

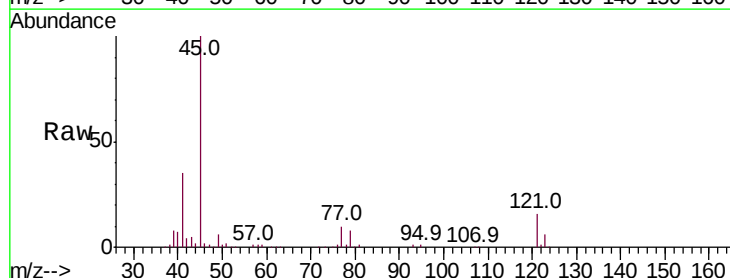
Tgt Ion: 45 Resp: 247634

Ion Ratio Lower Upper

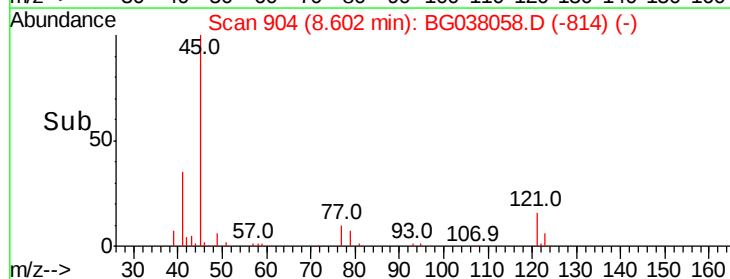
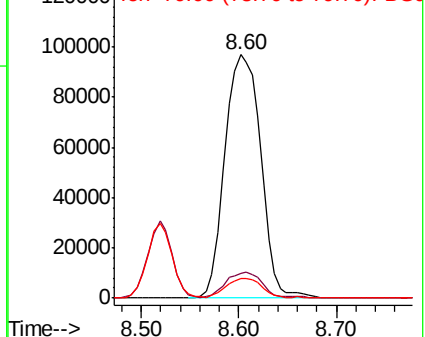
45 100

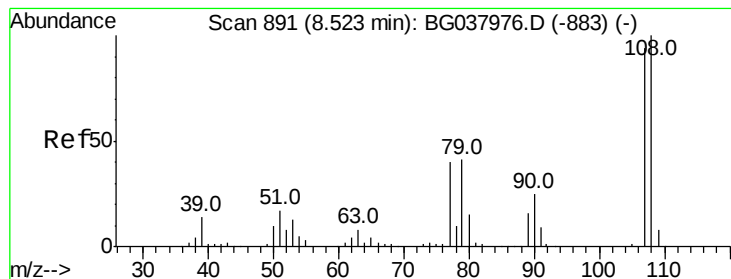
77 10.3 0.0 30.0

79 8.0 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

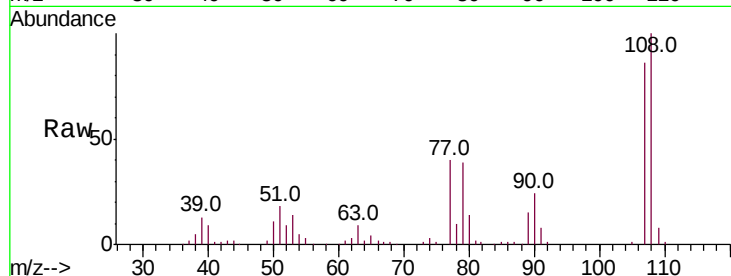




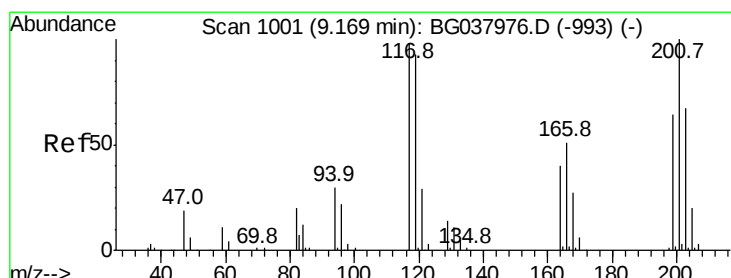
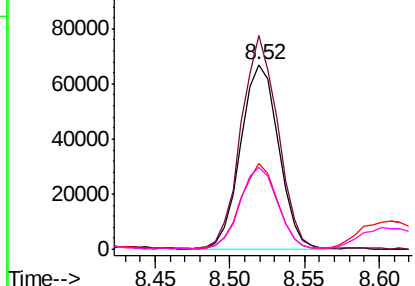
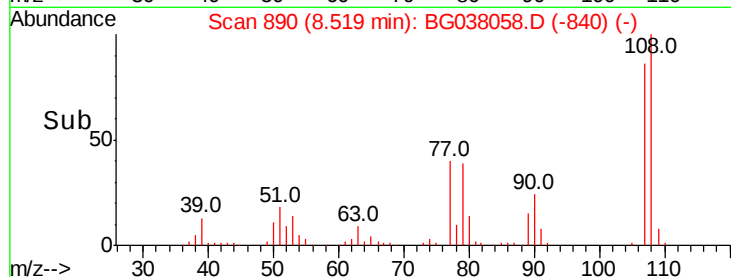
#17
2-Methylphenol
Concen: 47.131 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion:	107	Resp:	118432
Ion	Ratio	Lower	Upper
107	100		
108	115.9	87.9	131.9
77	46.3	35.1	52.7
79	44.7	34.5	51.7

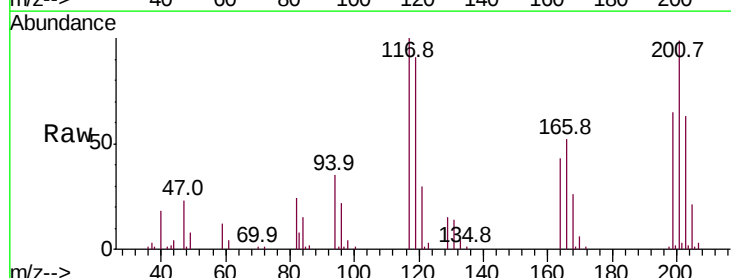


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

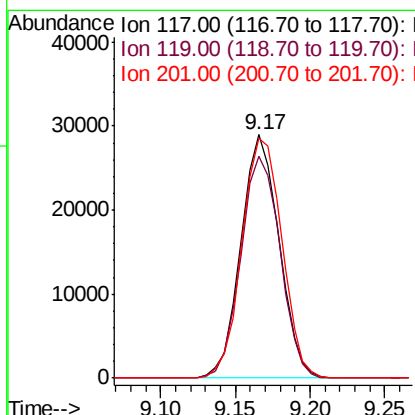
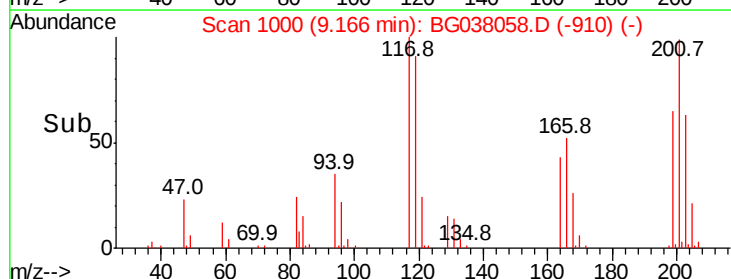


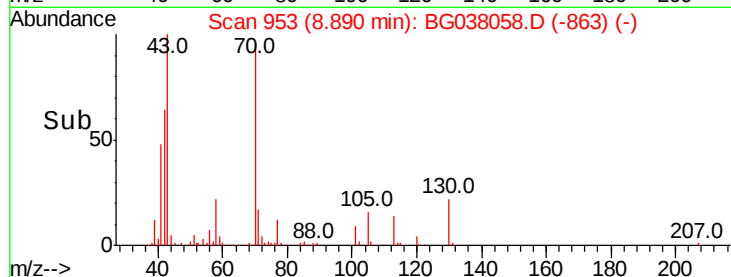
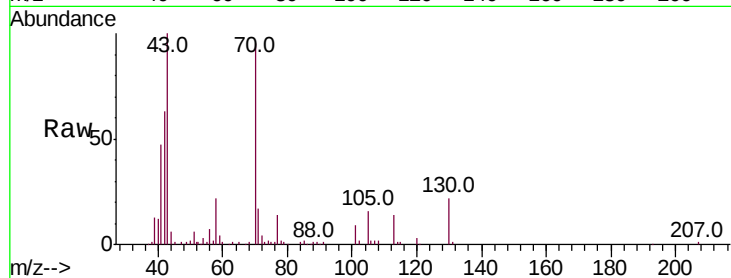
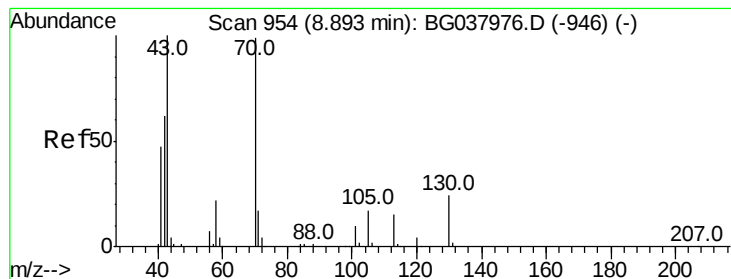
#18
Hexachloroethane
Concen: 42.353 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:	117	Resp:	51165
Ion	Ratio	Lower	Upper
117	100		
119	91.3	74.6	111.8
201	101.5	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
40000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.600 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

Tot Ion: 70 Resp: 103084

Ion Ratio Lower Upper

70 100

42 66.5 53.9 80.9

101 9.5 8.2 12.2

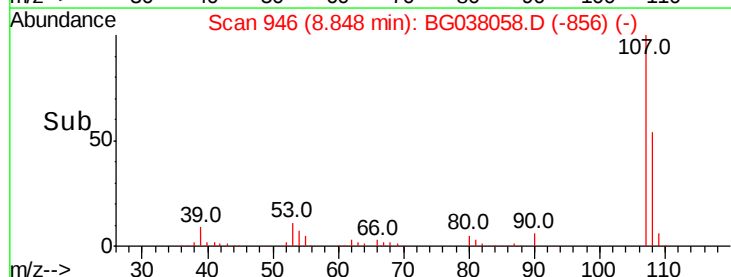
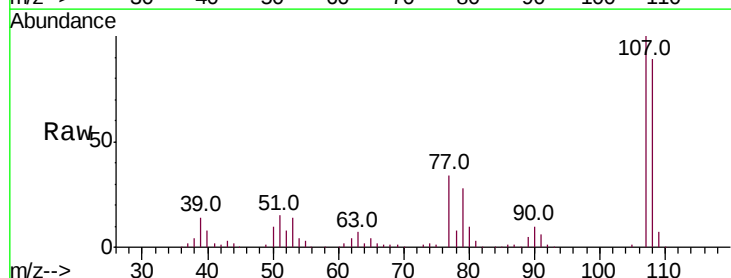
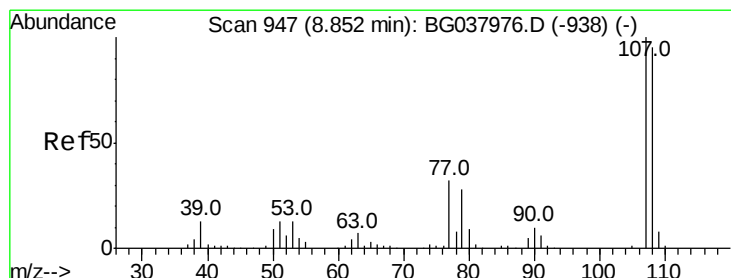
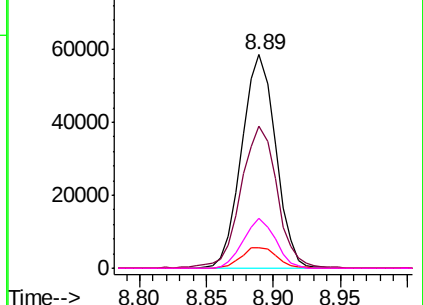
130 23.2 18.2 27.4

Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.555 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Tgt Ion: 107 Resp: 162277

Ion Ratio Lower Upper

107 100

108 89.3 69.9 109.9

77 34.1 11.2 51.2

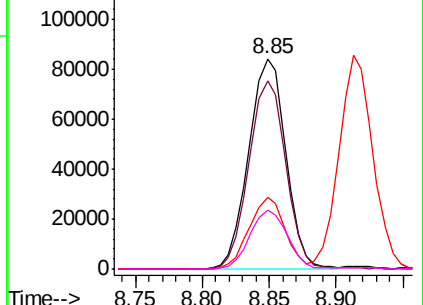
79 28.3 6.6 46.6

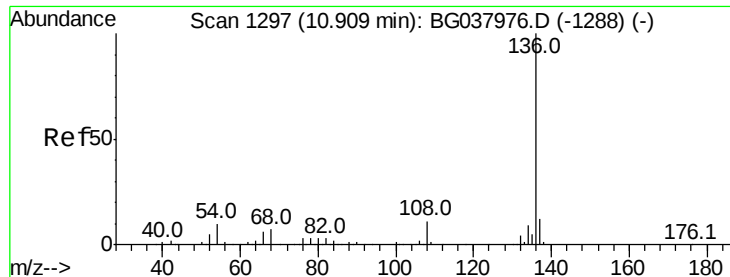
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

Tot Ion:136 Resp: 177956

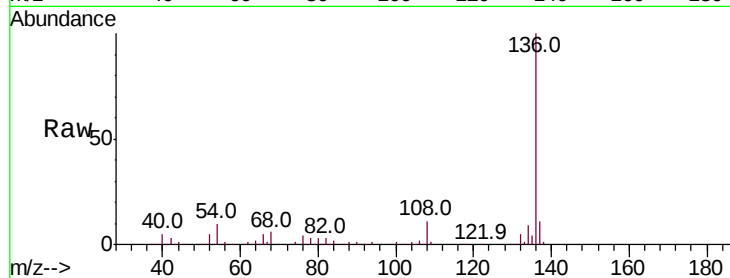
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.2 7.9 11.9

68 6.3 4.8 7.2

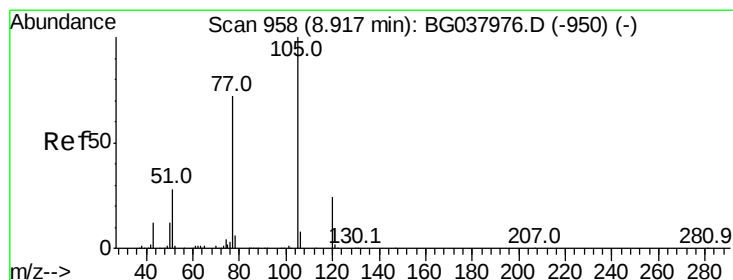
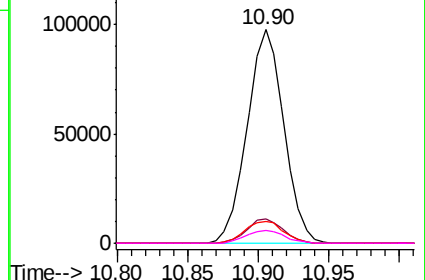
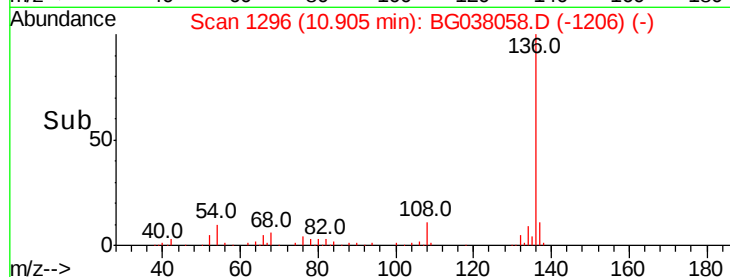


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.320 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Tgt Ion:105 Resp: 196235

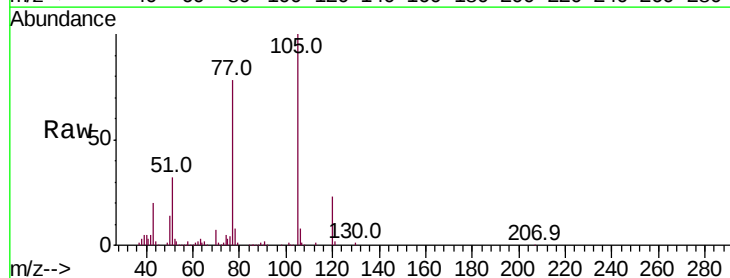
Ion Ratio Lower Upper

105 100

71 1.1 1.2 1.8#

51 31.7 25.0 37.6

120 23.4 18.6 28.0

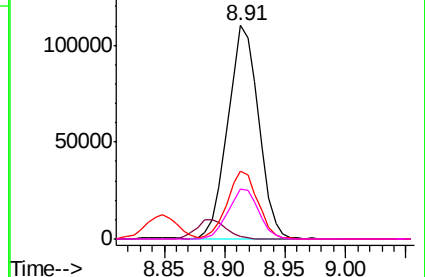
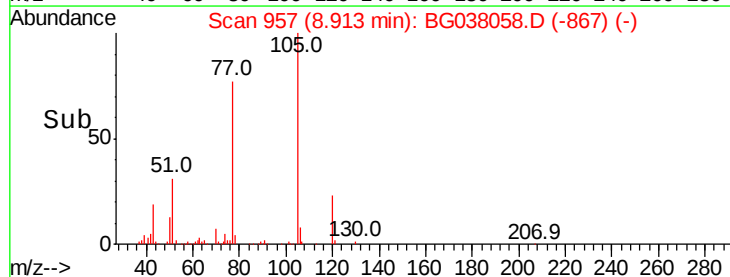


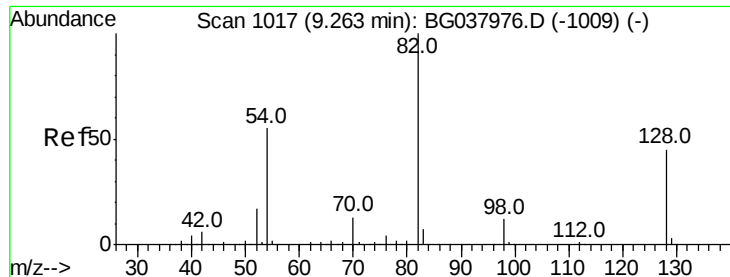
Abundance Ion 105.00 (104.70 to 105.70): E

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

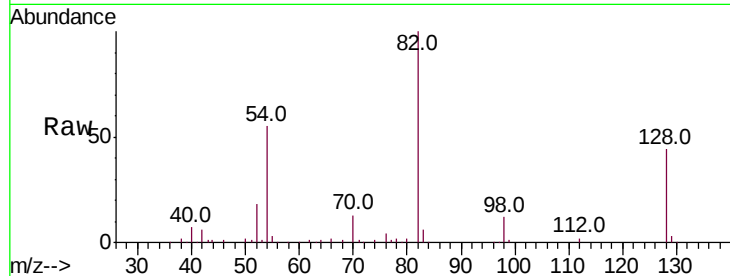




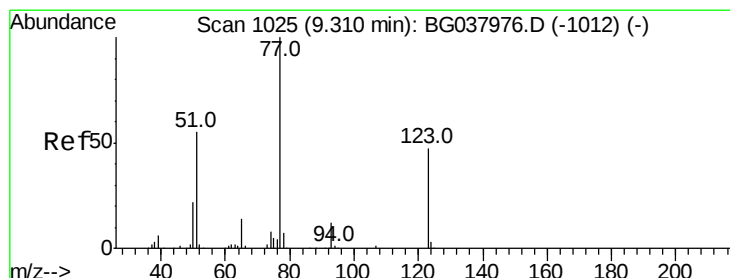
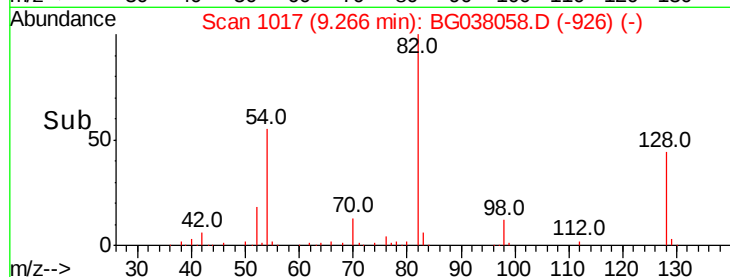
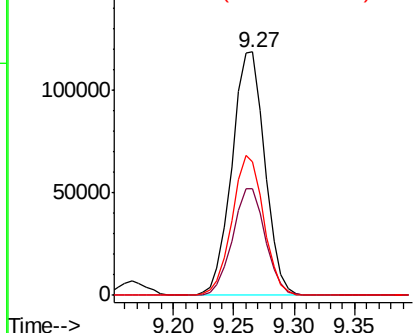
#23
Nitrobenzene-d5
Concen: 67.825 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion	82	Resp	225478
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	54.9	45.3	67.9

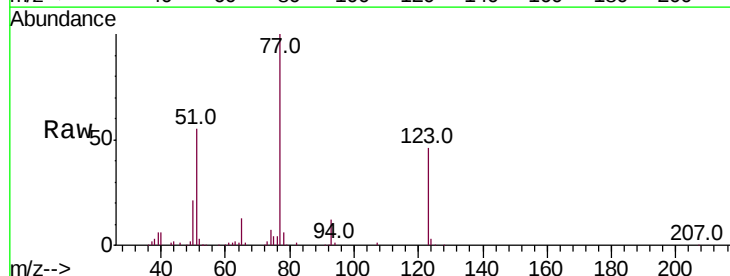


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

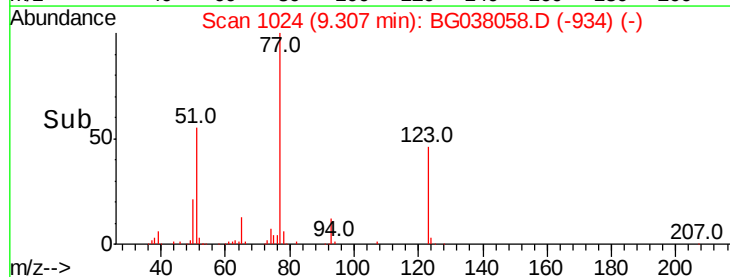
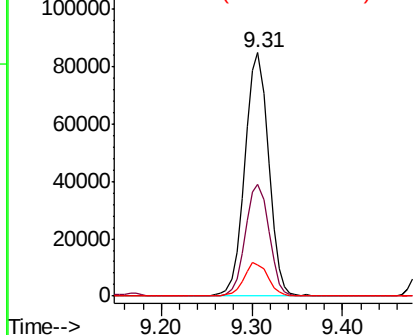


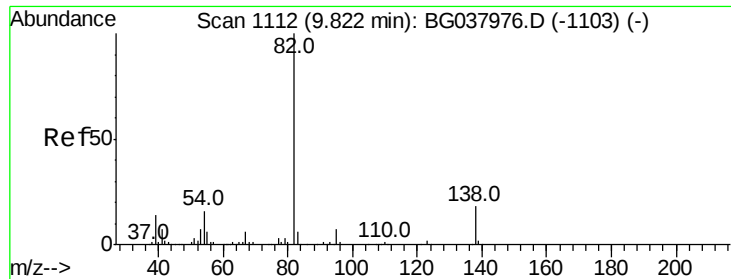
#24
Nitrobenzene
Concen: 45.437 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion	77	Resp	154518
Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.6	50.4
65	13.0	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: 48.452 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

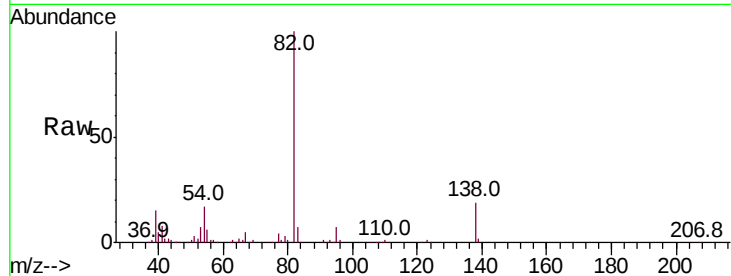
Tot Ion: 82 Resp: 289919

Ion Ratio Lower Upper

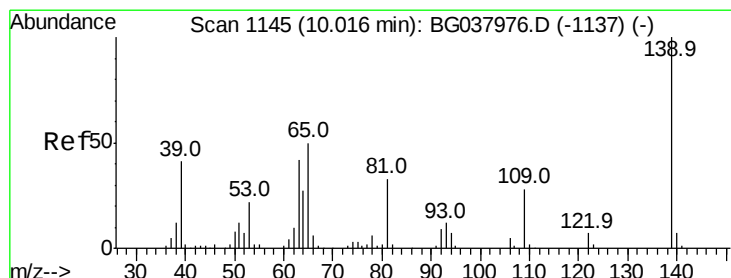
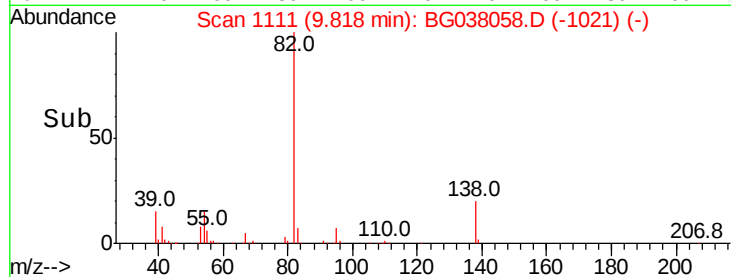
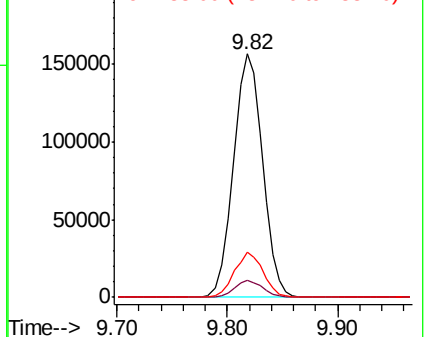
82 100

95 6.8 5.3 7.9

138 18.7 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: 44.410 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

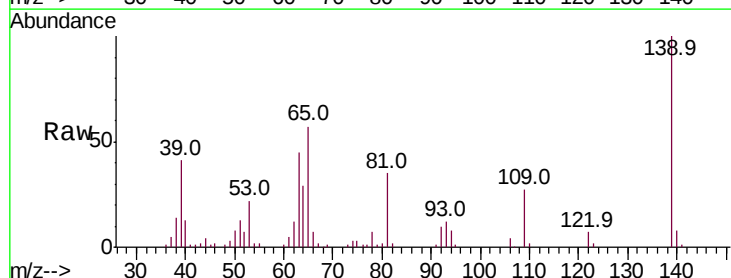
Tgt Ion: 139 Resp: 75397

Ion Ratio Lower Upper

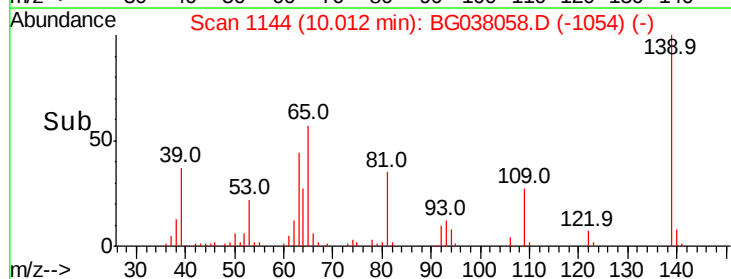
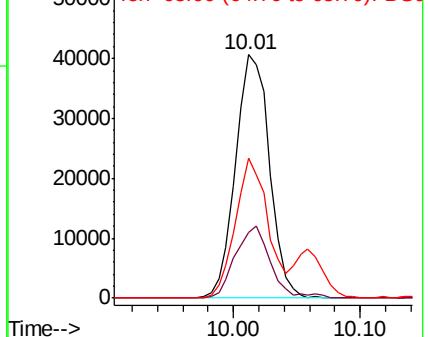
139 100

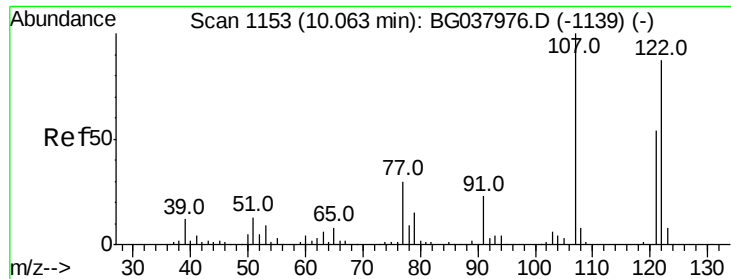
109 26.9 23.3 34.9

65 57.5 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

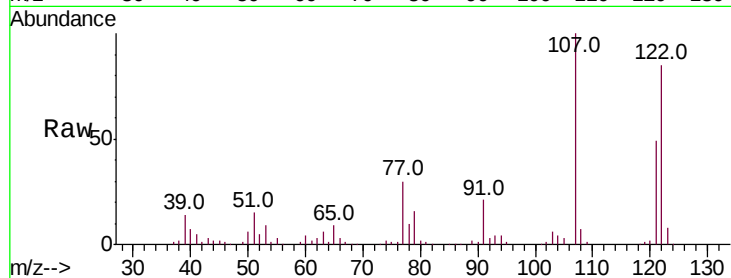




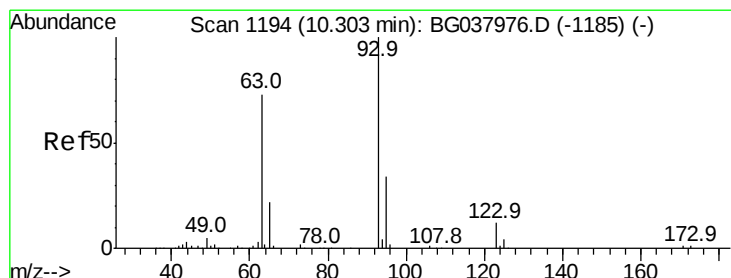
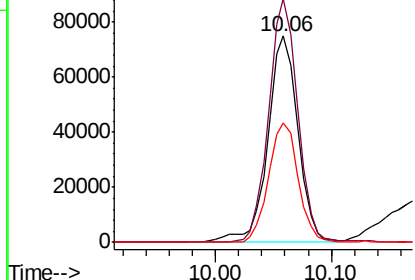
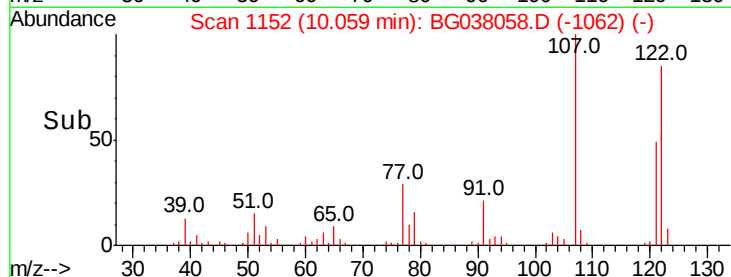
#27
 2,4-Dimethylphenol
 Concen: 53.340 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

Tot Ion:122 Resp: 136441
 Ion Ratio Lower Upper
 122 100
 107 118.1 94.2 141.2
 121 57.9 47.3 70.9

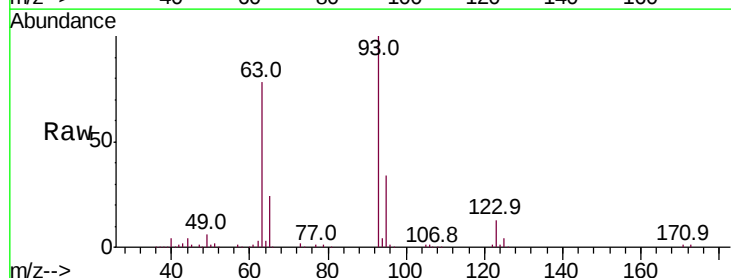


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

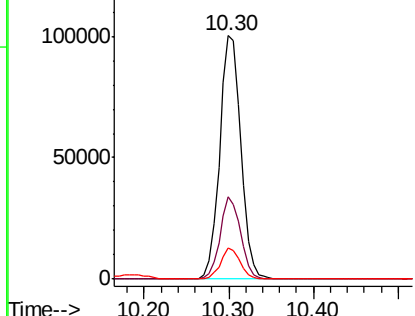
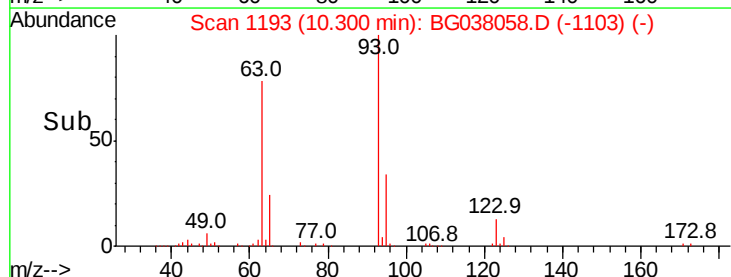


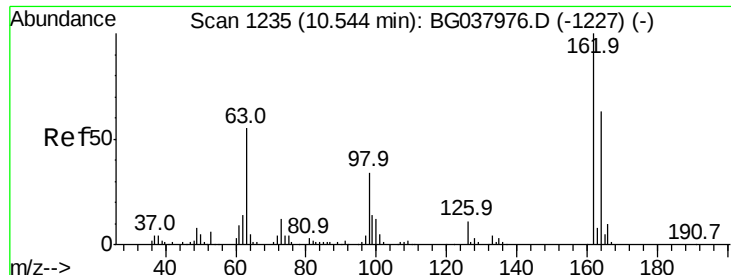
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.672 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion: 93 Resp: 174750
 Ion Ratio Lower Upper
 93 100
 95 33.9 24.6 37.0
 123 12.8 9.1 13.7



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

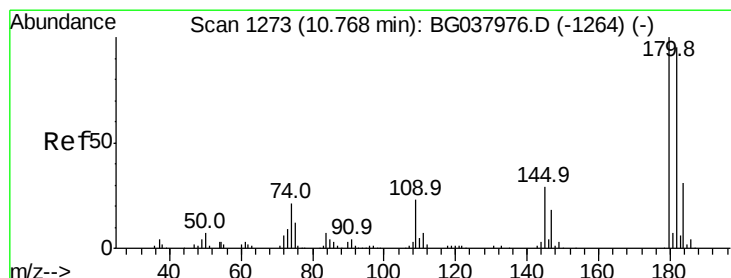
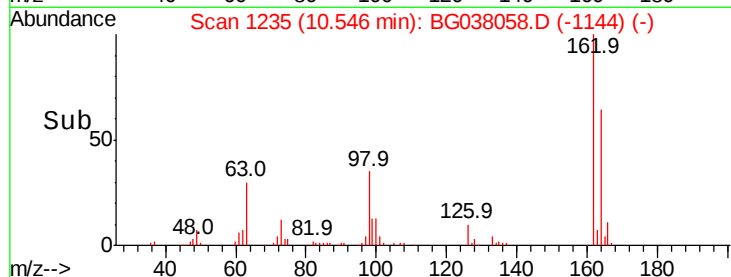
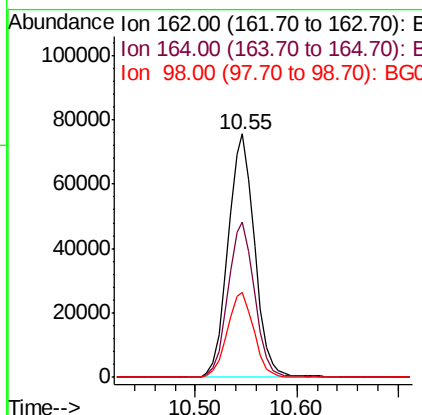
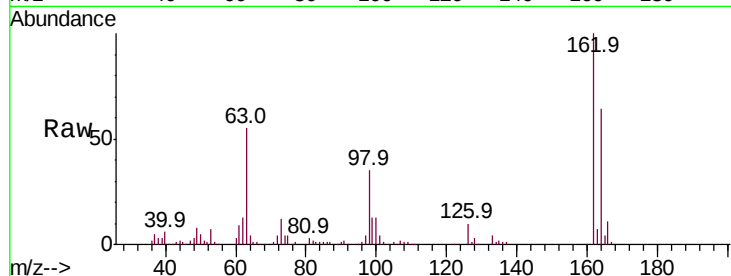




#29
 2,4-Dichlorophenol
 Concen: 47.602 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

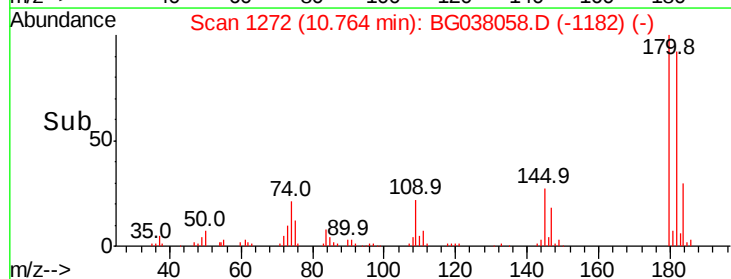
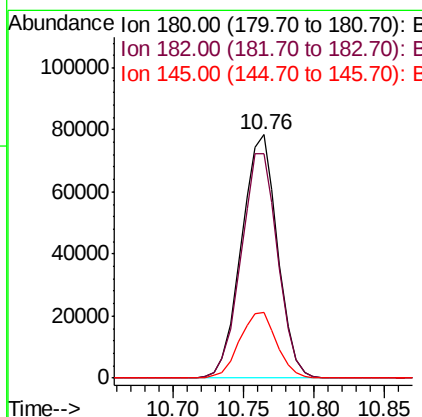
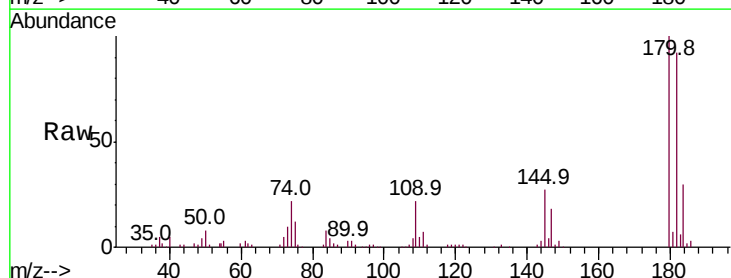
Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

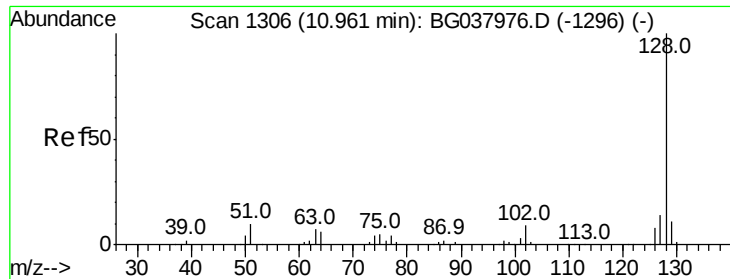
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	34.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.337 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.7	116.5
145	27.2	23.3	34.9

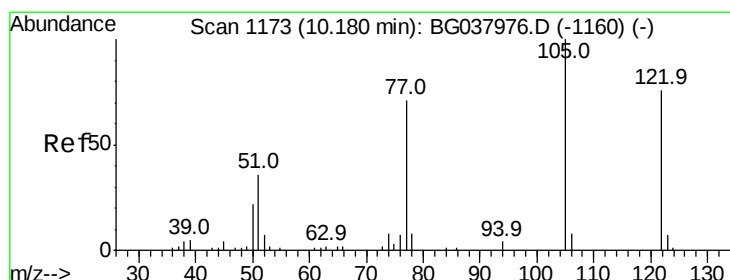
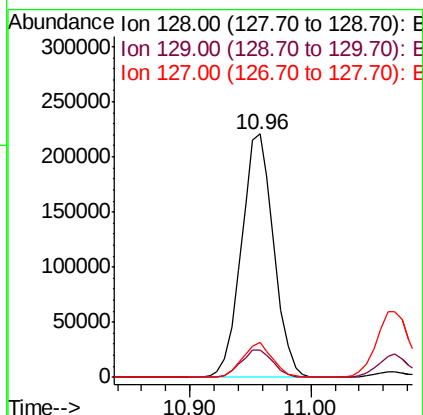
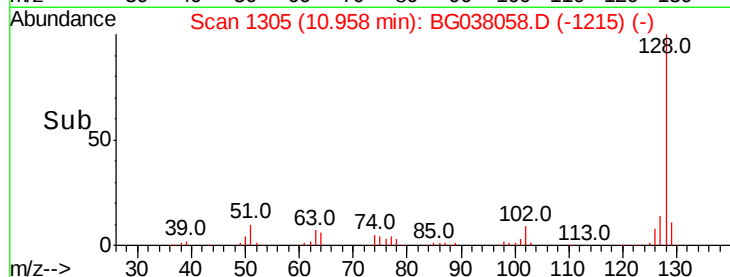
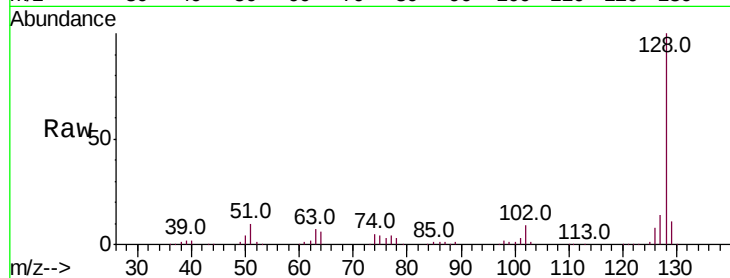




#31
Naphthalene
Concen: 46.786 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

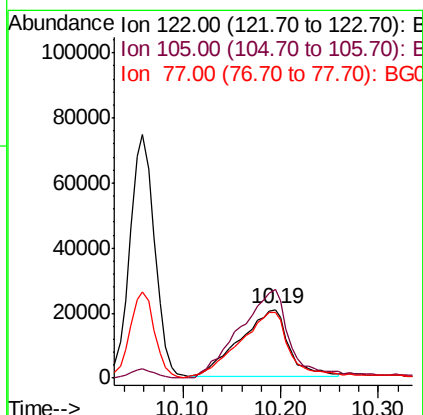
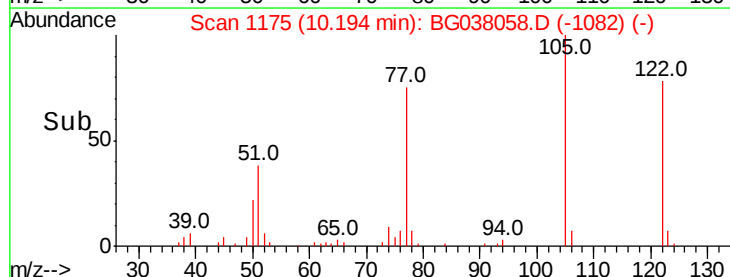
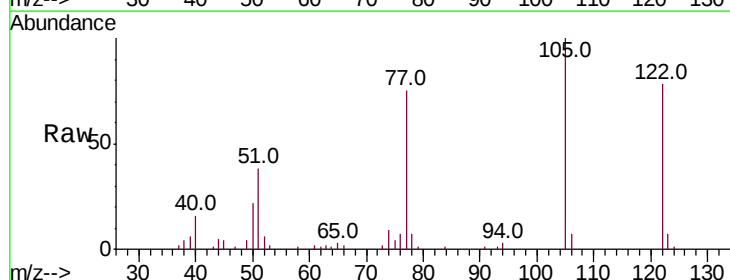
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

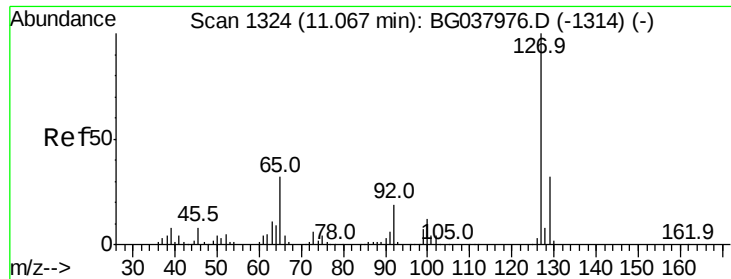
Tot Ion:128 Resp: 409511
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.4 11.1 16.7



#32
Benzoic acid
Concen: 44.327 ng
RT: 10.19 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:122 Resp: 70916
Ion Ratio Lower Upper
122 100
105 128.1 106.7 146.7
77 95.6 72.2 112.2

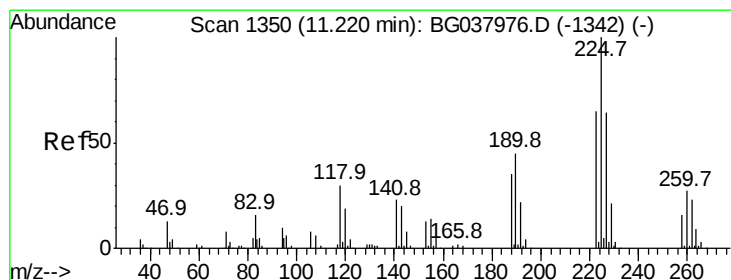
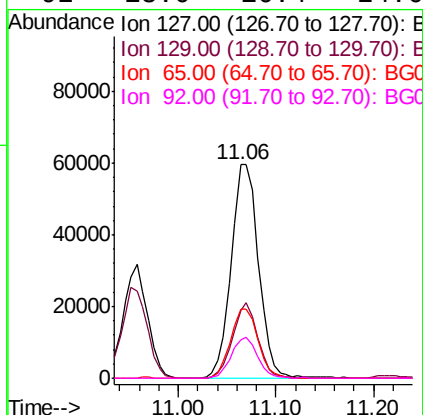
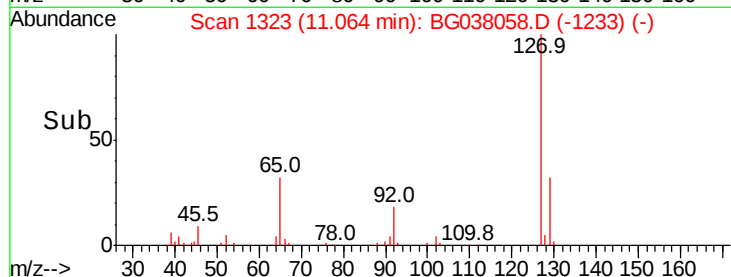
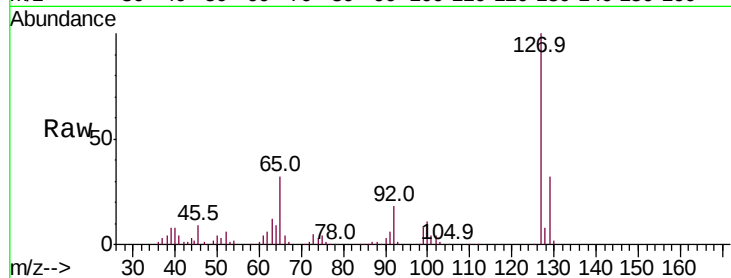




#33
4-Chloroaniline
Concen: 28.557 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

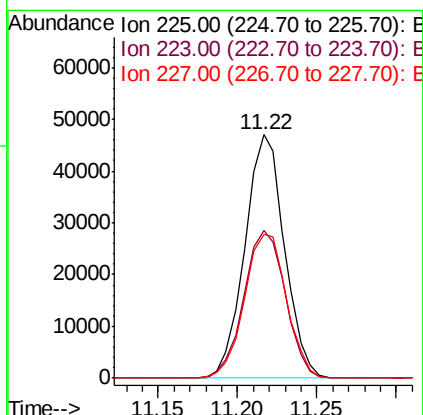
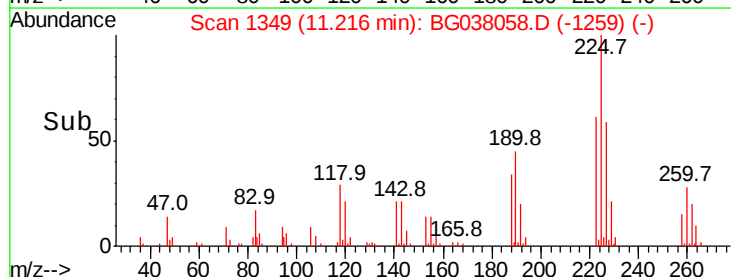
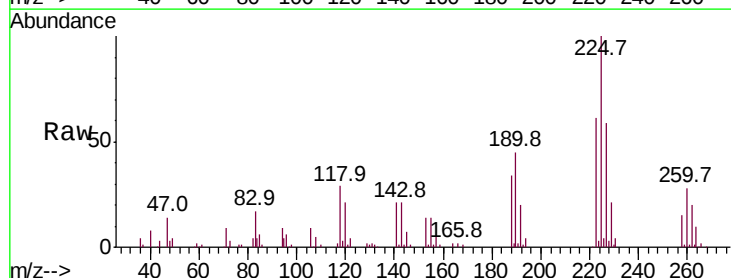
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

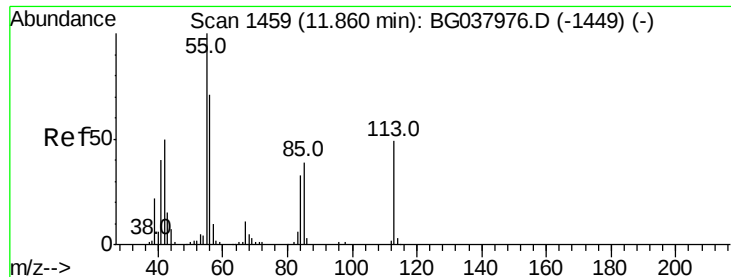
Tot Ion:	127	Resp:	116267
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.1	40.7
65	32.2	26.6	39.8
92	18.0	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.994 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:	225	Resp:	81345
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.2	72.4
227	62.5	51.6	77.4





#35

Caprolactam

Concen: 28.137 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

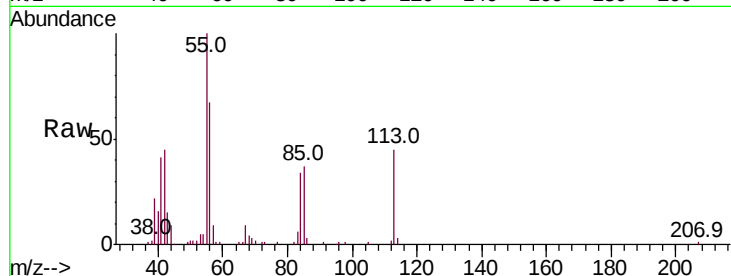
Tot Ion:113 Resp: 32404

Ion Ratio Lower Upper

113 100

55 220.3 176.6 216.6#

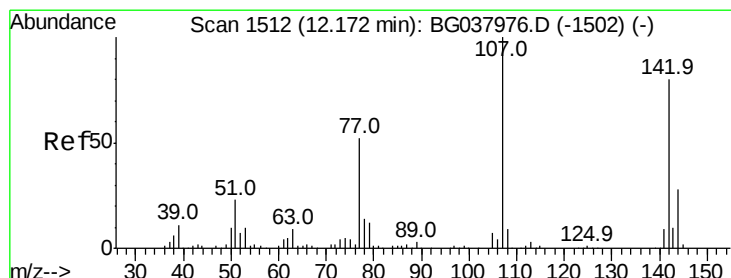
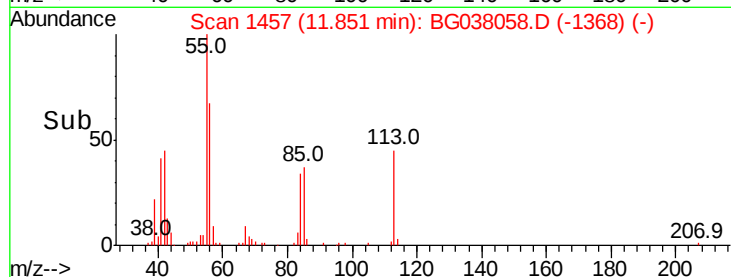
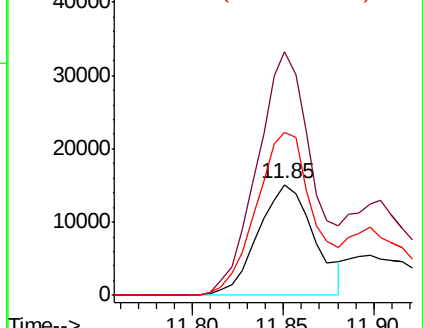
56 147.7 128.3 168.3



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: 46.745 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

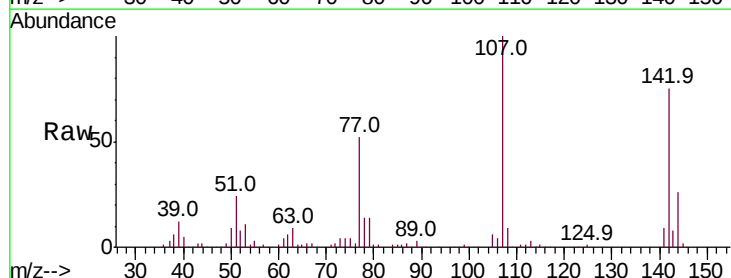
Tgt Ion:107 Resp: 146935

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

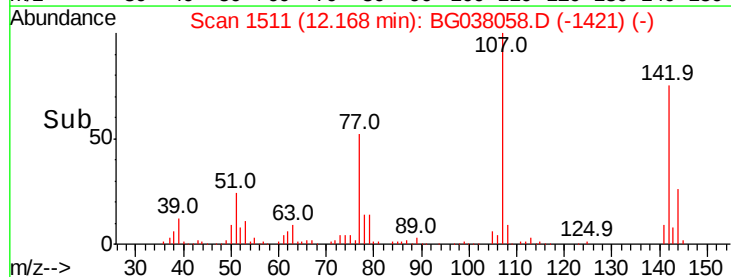
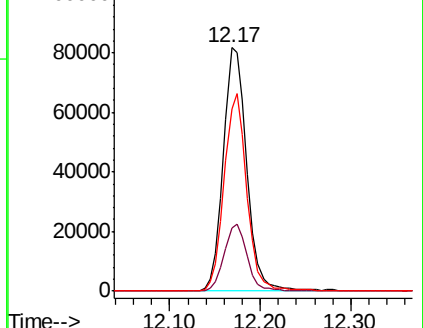
142 74.8 64.4 96.6

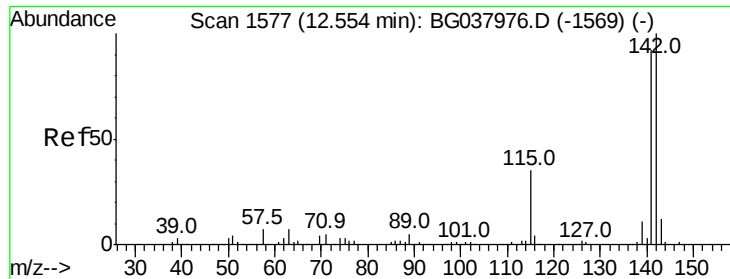


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

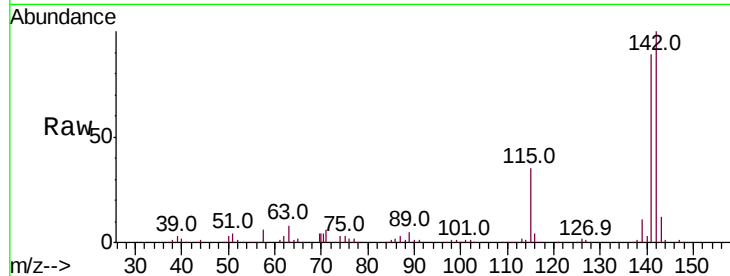




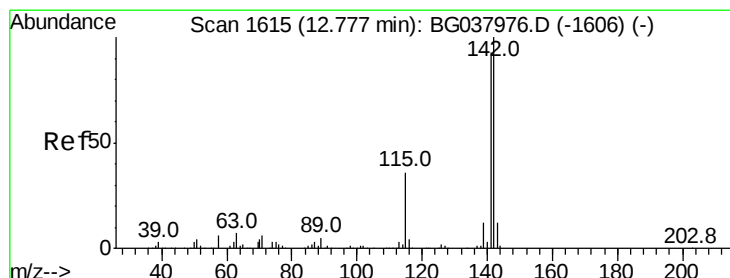
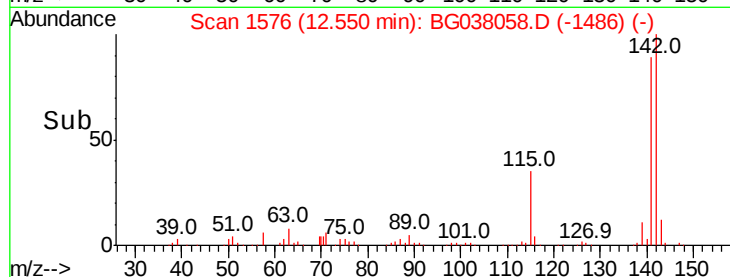
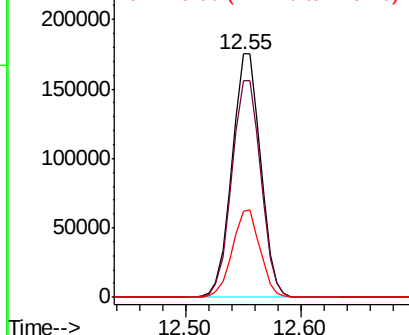
#37
 2-Methylnaphthalene
 Concen: 47.921 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

Tot Ion:142 Resp: 301284
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.9 107.9
 115 35.2 27.8 41.8

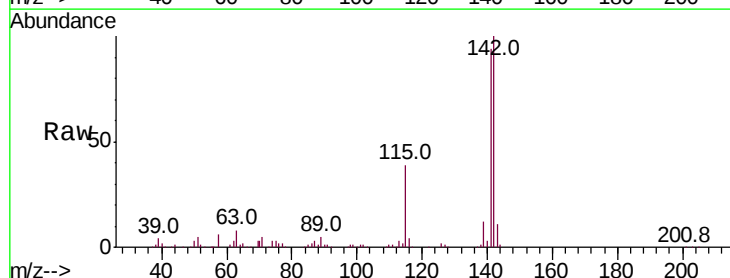


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

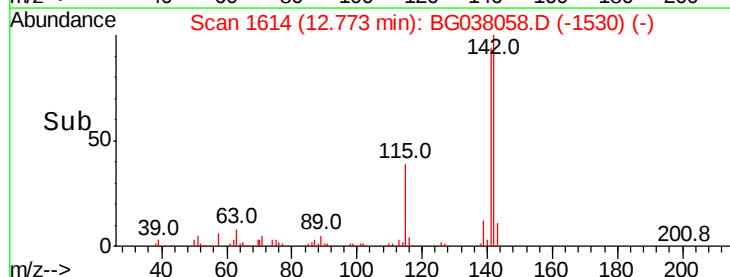
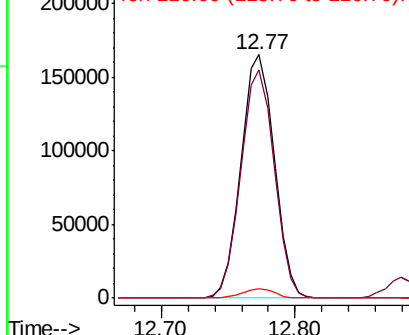


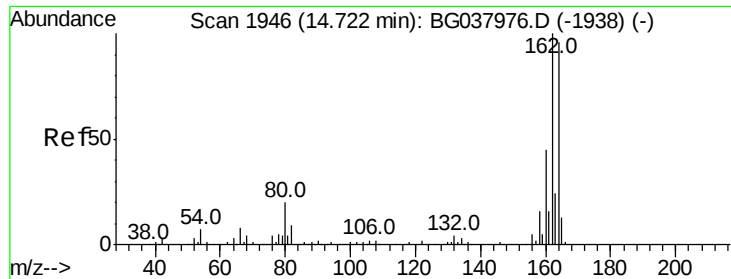
#38
 1-Methylnaphthalene
 Concen: 47.186 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion:142 Resp: 285563
 Ion Ratio Lower Upper
 142 100
 141 93.8 75.2 112.8
 116 3.6 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

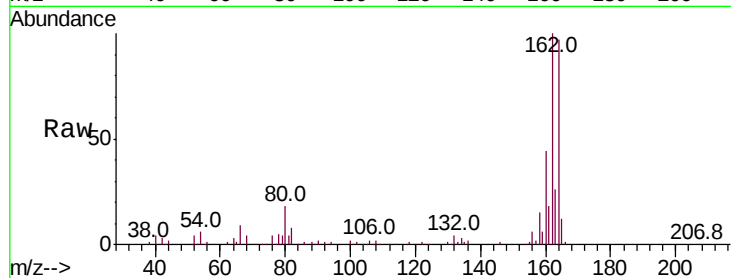
Tot Ion:164 Resp: 112520

Ion Ratio Lower Upper

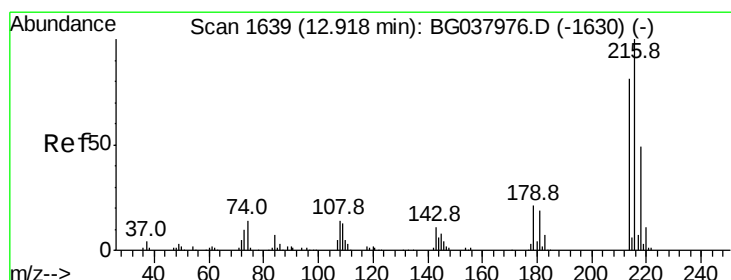
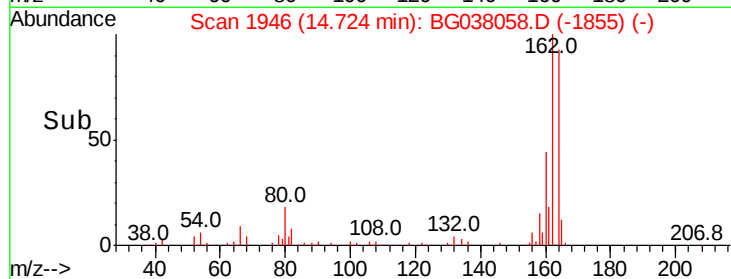
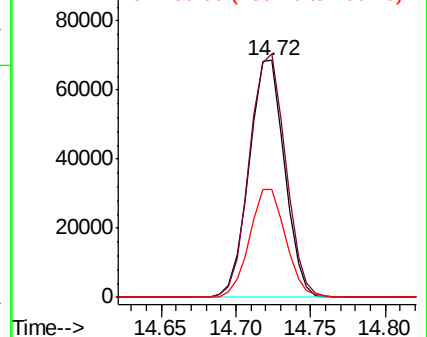
164 100

162 102.7 81.3 121.9

160 45.7 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: 41.500 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Tgt Ion:216 Resp: 156036

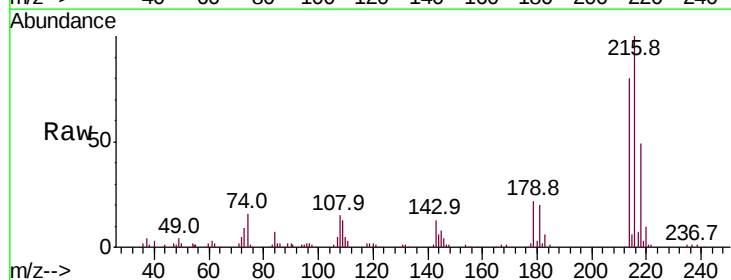
Ion Ratio Lower Upper

216 100

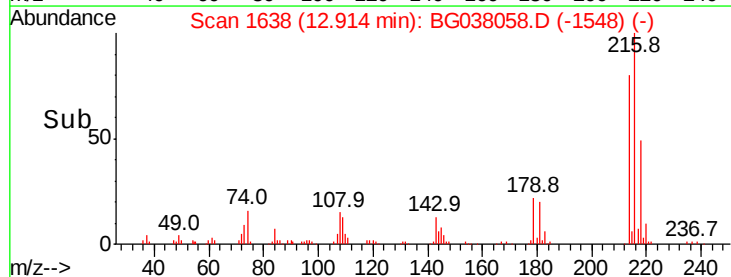
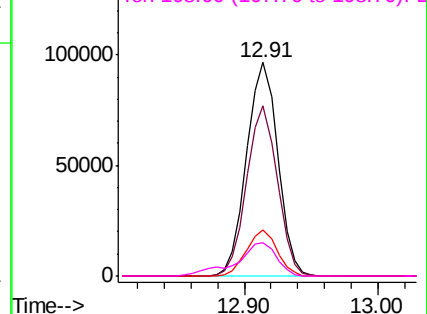
214 78.1 63.8 95.6

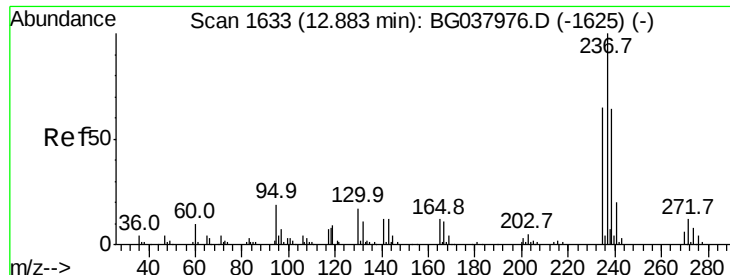
179 21.0 17.4 26.0

108 19.7 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: 96.047 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

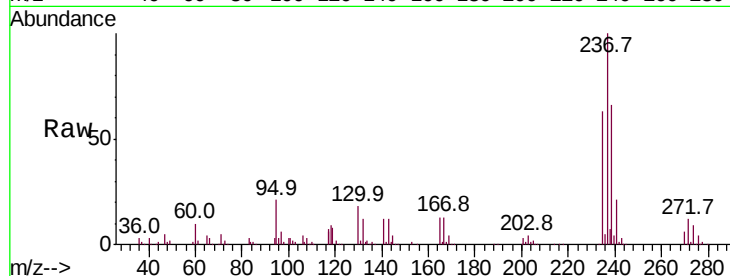
Tot Ion:237 Resp: 193375

Ion Ratio Lower Upper

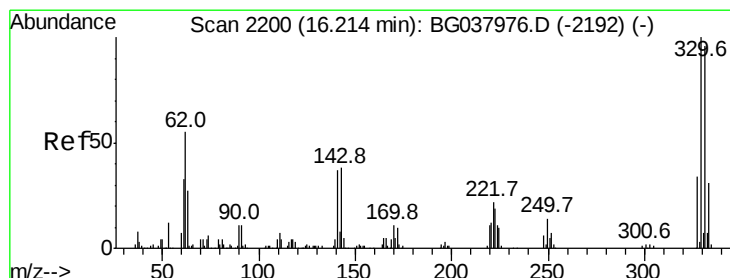
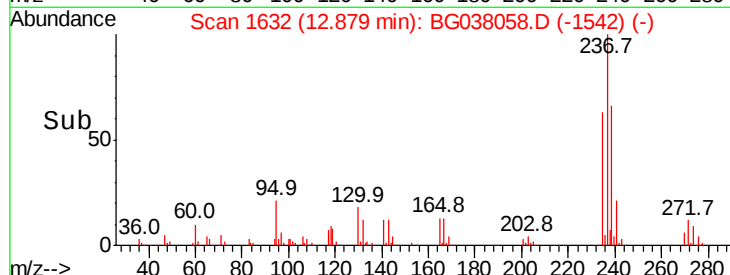
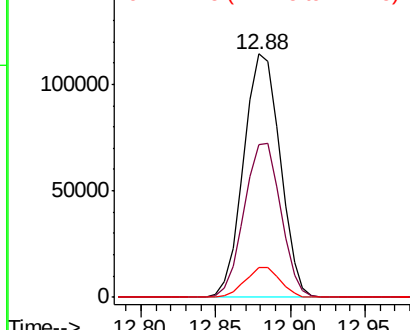
237 100

235 62.9 42.5 82.5

272 12.2 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: 130.376 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

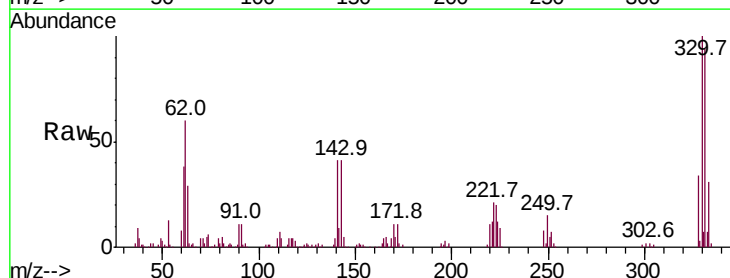
Tgt Ion:330 Resp: 167307

Ion Ratio Lower Upper

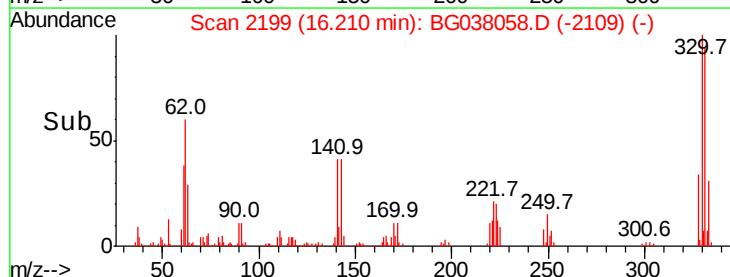
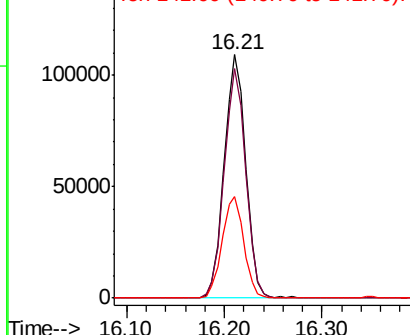
330 100

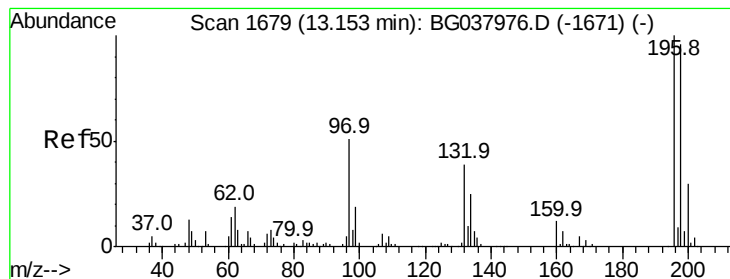
332 94.2 78.4 117.6

141 41.9 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

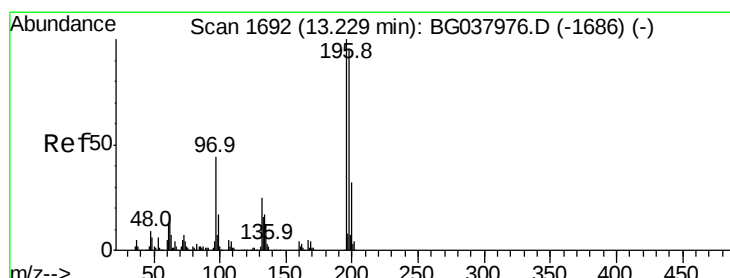
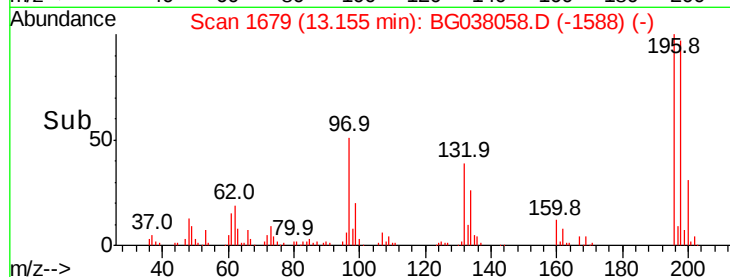
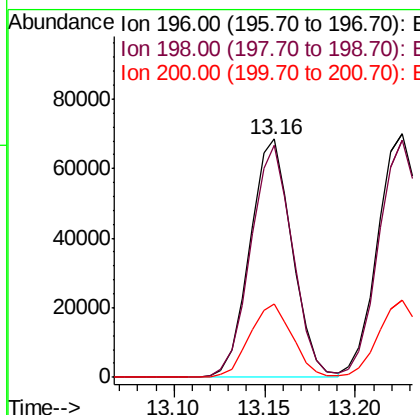
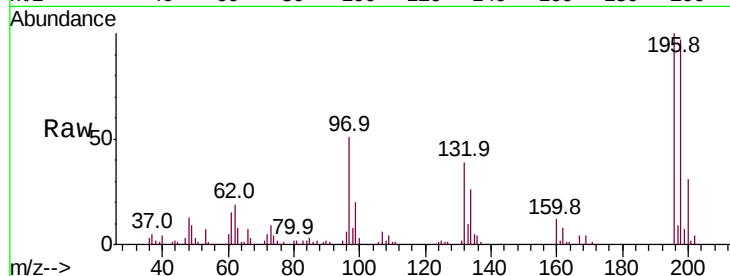




#43
 2,4,6-Trichlorophenol
 Concen: 43.263 ng
 RT: 13.16 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

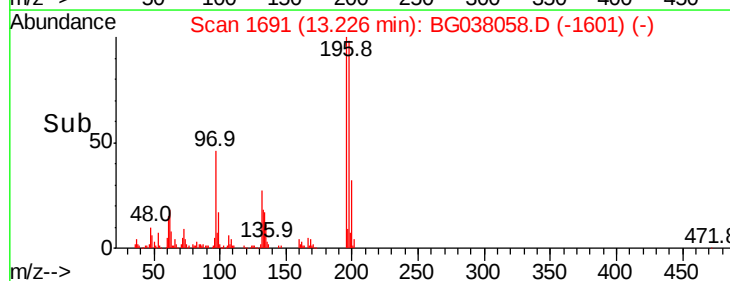
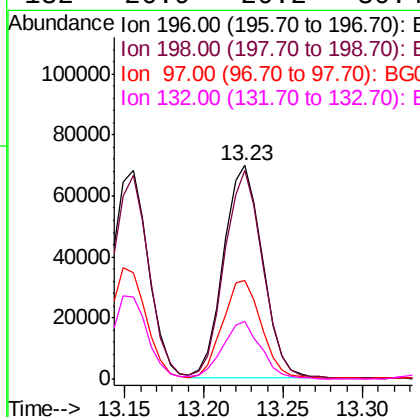
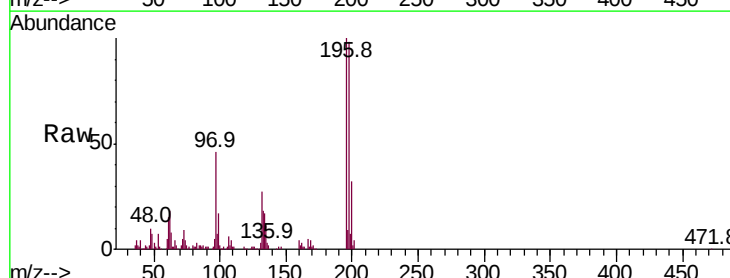
Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

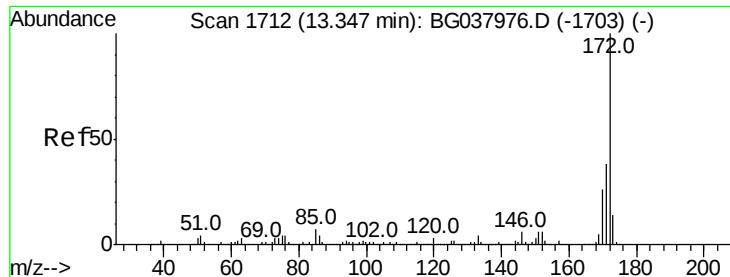
Tot Ion:196 Resp: 110845
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.4 114.6
 200 30.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.942 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion:196 Resp: 118460
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.2 111.2
 97 46.2 34.1 51.1
 132 26.9 20.2 30.4

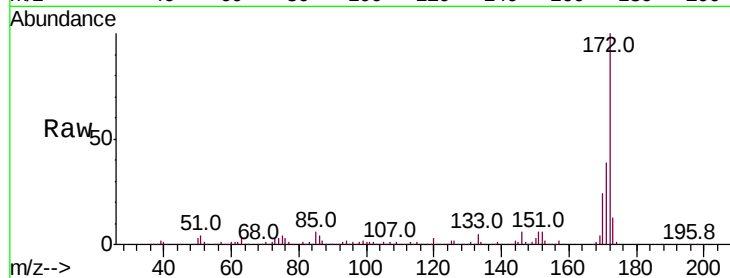




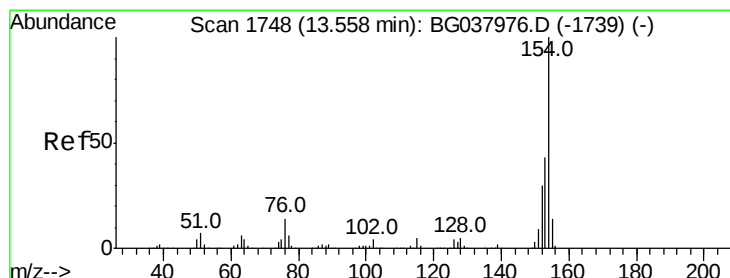
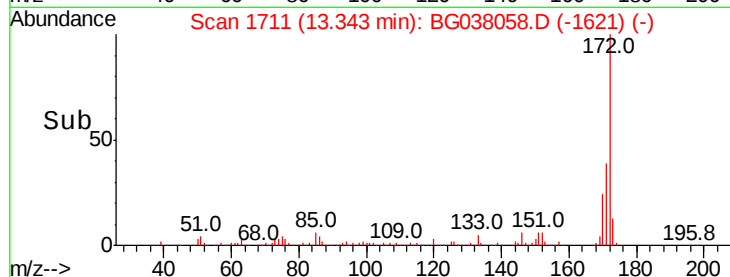
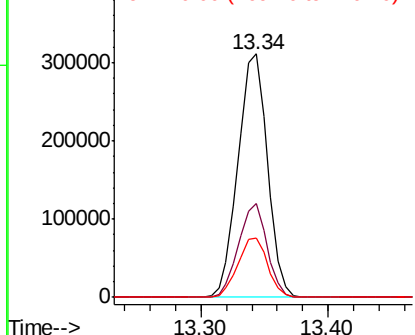
#45
 2-Fluorobiphenyl
 Concen: 64.887 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

Tot Ion:172 Resp: 501156
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 24.2 20.2 30.2

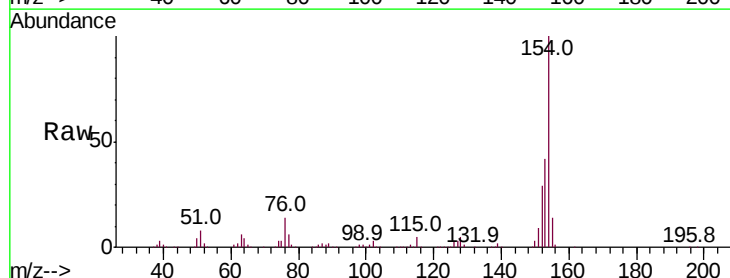


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

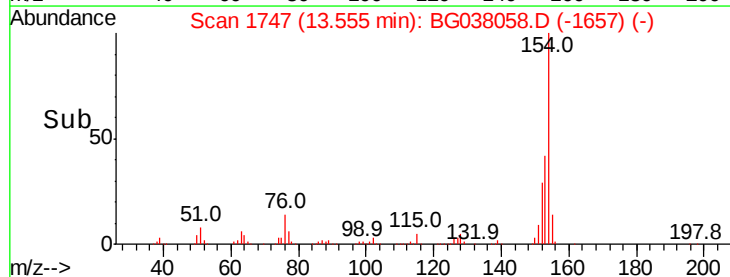
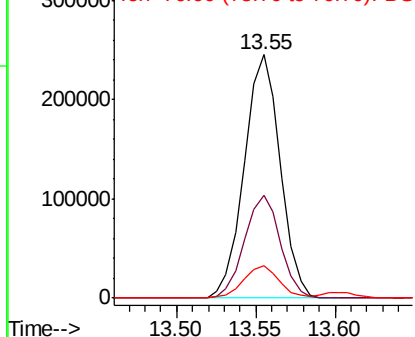


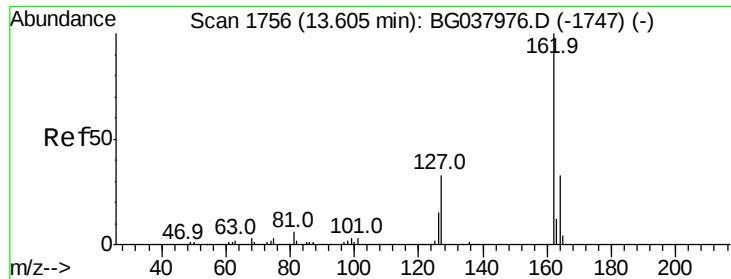
#46
 1,1'-Biphenyl
 Concen: 40.718 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion:154 Resp: 384908
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.1 62.1
 76 13.5 0.0 33.2



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





#47

2-Chloronaphthalene

Concen: 41.868 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

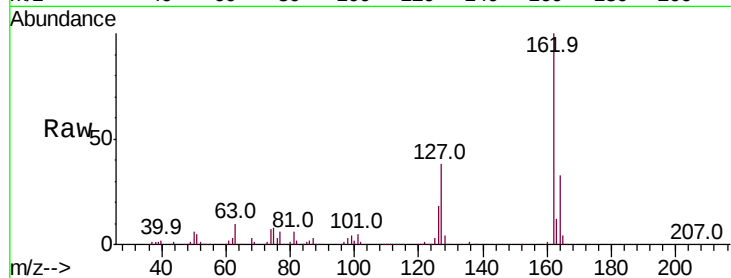
Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion:162 Resp: 302011

Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.5	45.7
164	33.2	26.4	39.6

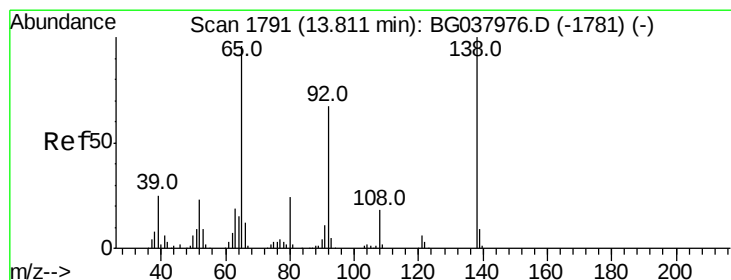
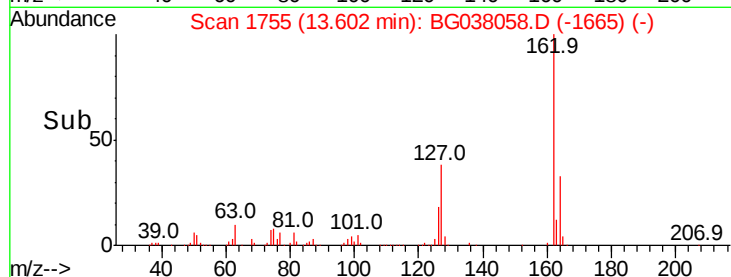
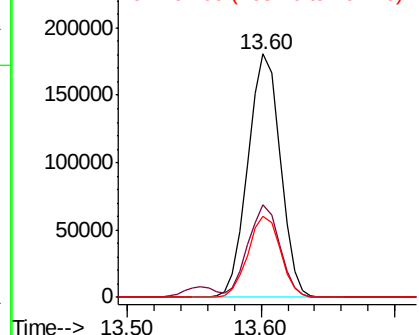


Abundance

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: 45.679 ng

RT: 13.81 min Scan# 1791

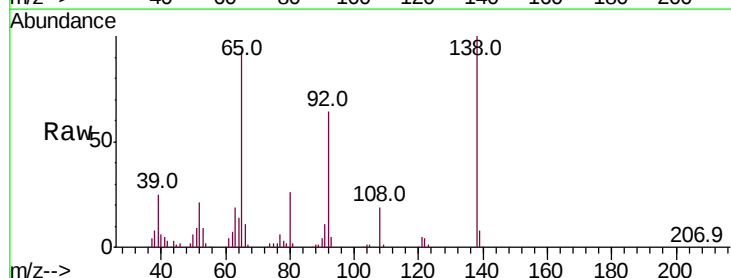
Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Tgt Ion: 65 Resp: 103702

Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.2	79.8
138	107.2	79.3	118.9

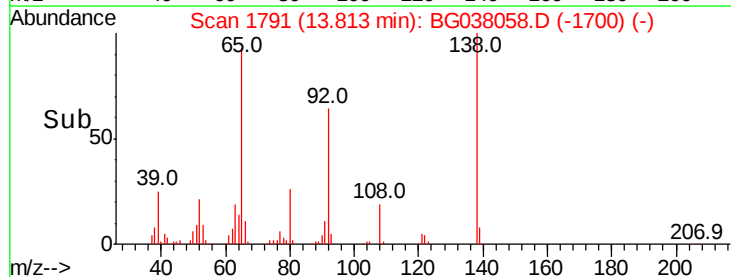
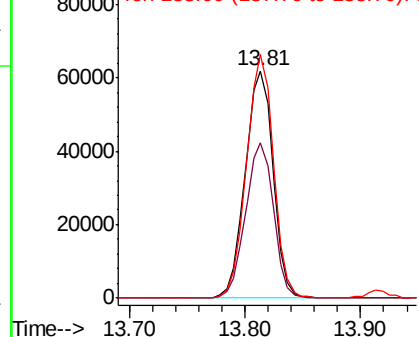


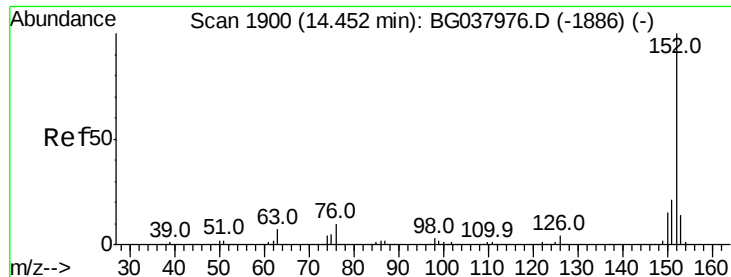
Abundance

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: 46.346 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

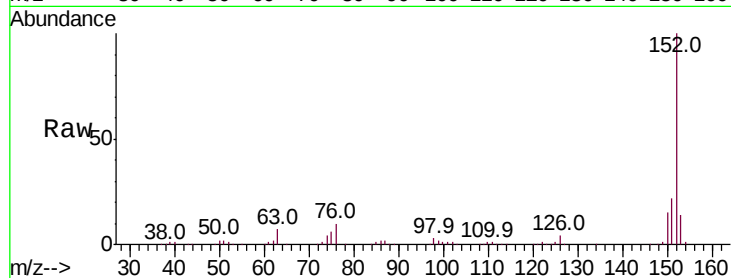
Tot Ion:152 Resp: 502734

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

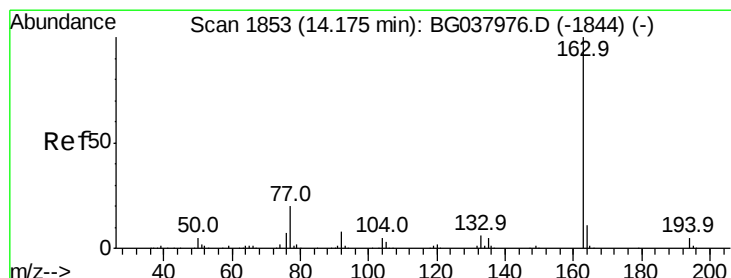
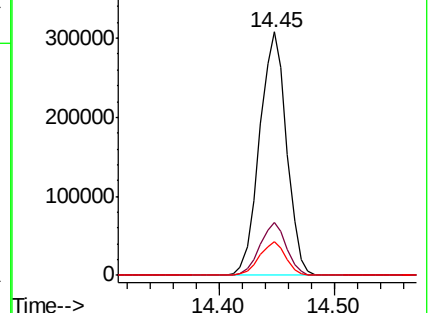
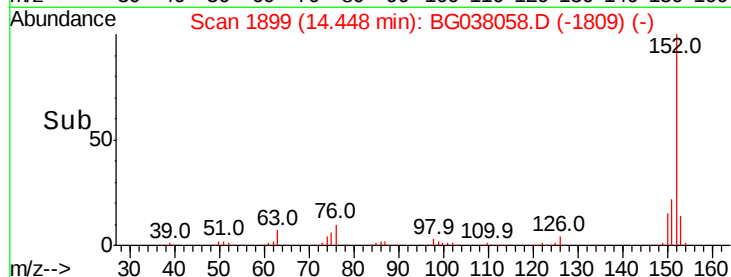
153 13.7 11.1 16.7



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: 43.579 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

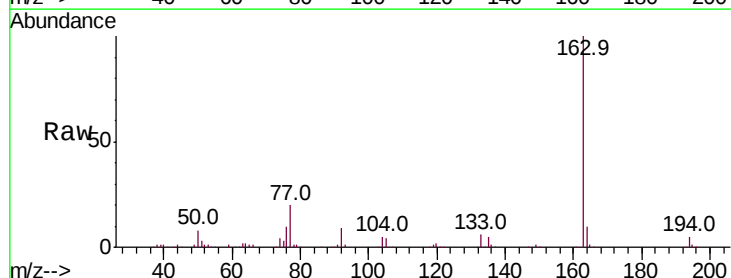
Tgt Ion:163 Resp: 388734

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

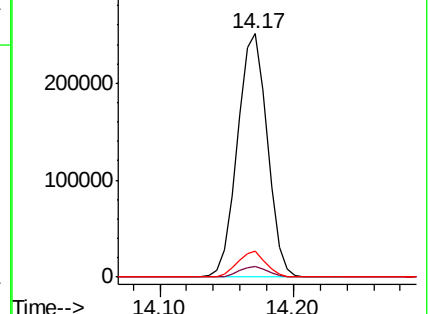
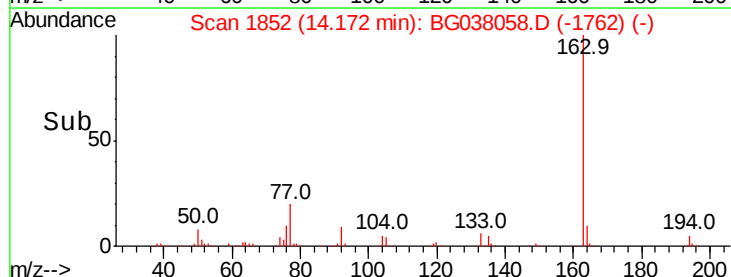
164 10.5 8.5 12.7

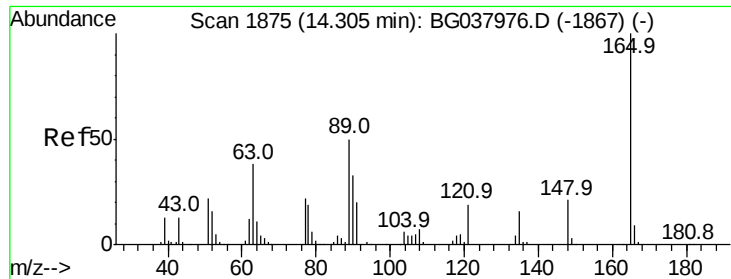


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

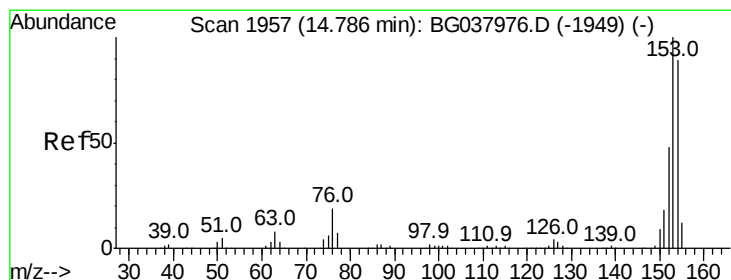
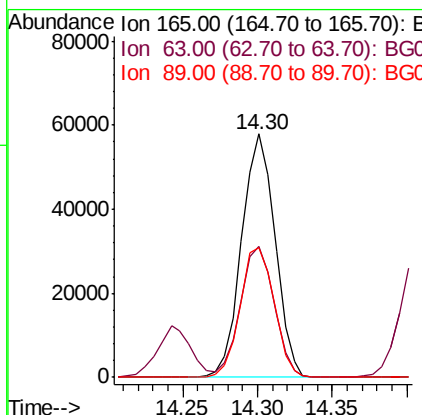
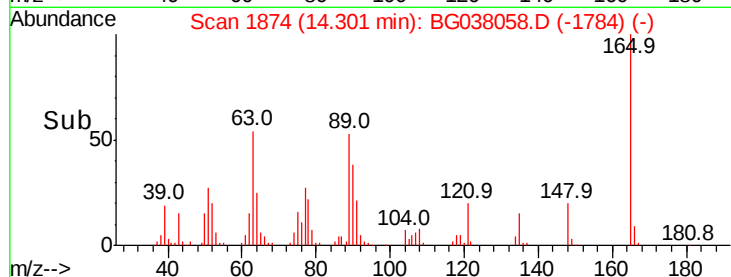
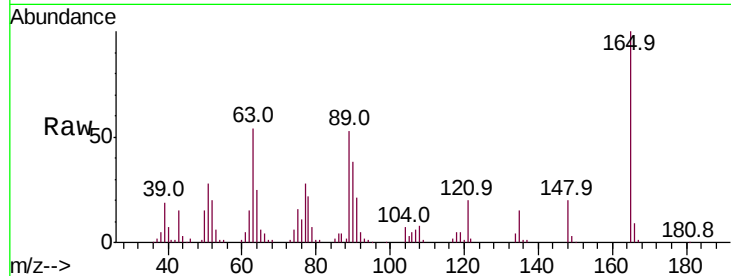




#51
2,6-Dinitrotoluene
Concen: 44.453 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

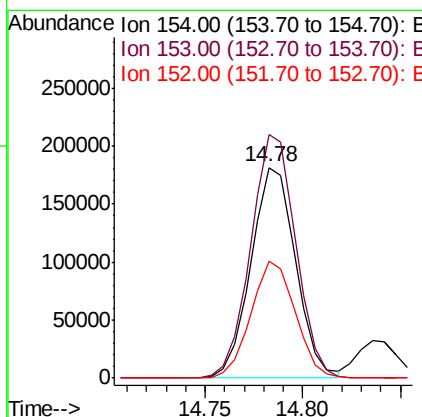
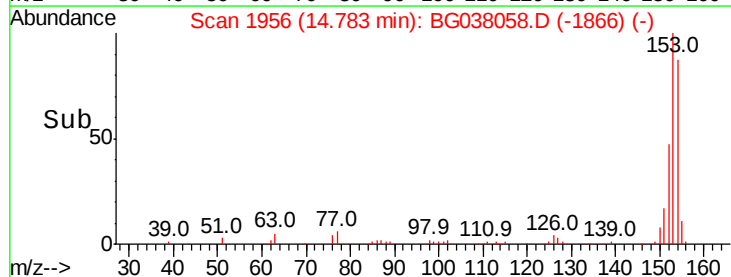
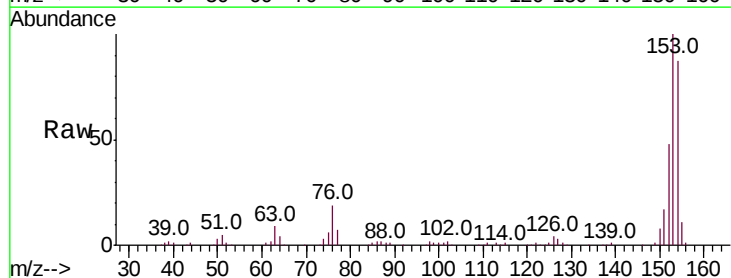
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

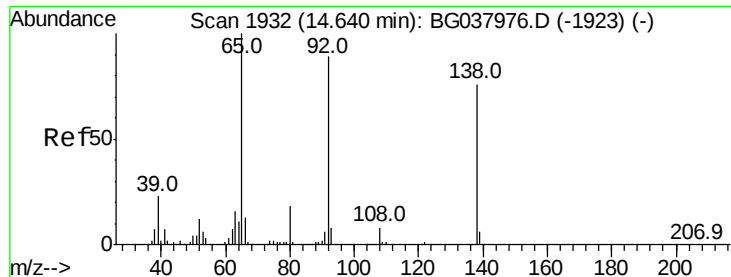
Tot Ion:165 Resp: 89746
Ion Ratio Lower Upper
165 100
63 54.0 43.4 65.2
89 53.4 45.8 68.6



#52
Acenaphthene
Concen: 44.155 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:154 Resp: 288348
Ion Ratio Lower Upper
154 100
153 115.5 93.4 140.0
152 55.5 44.7 67.1

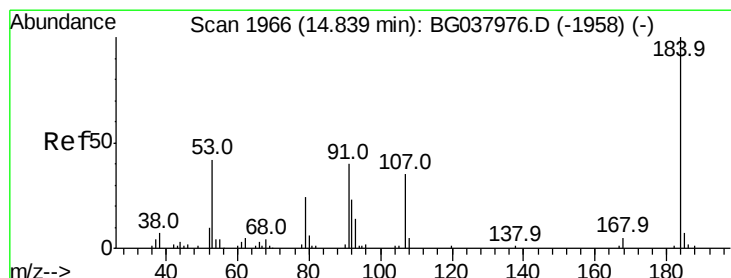
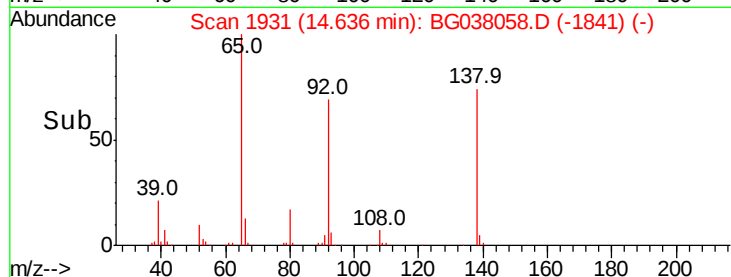
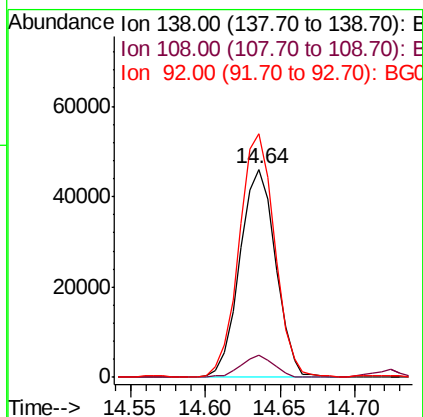
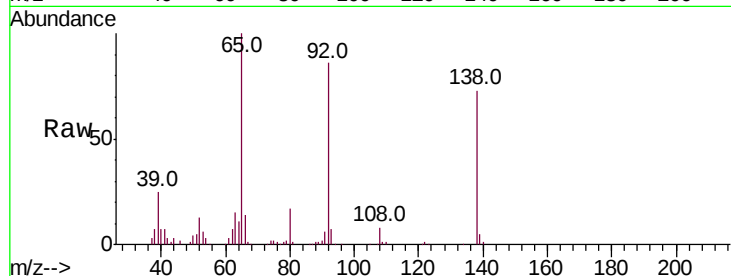




#53
3-Nitroaniline
Concen: 34.459 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

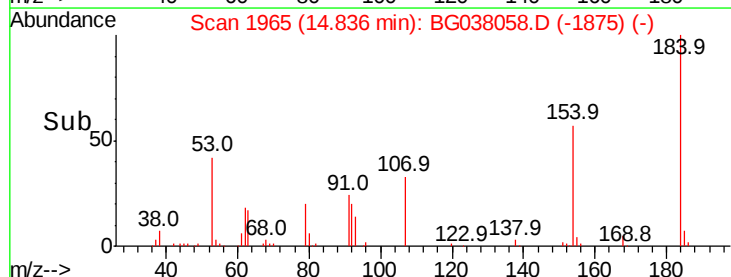
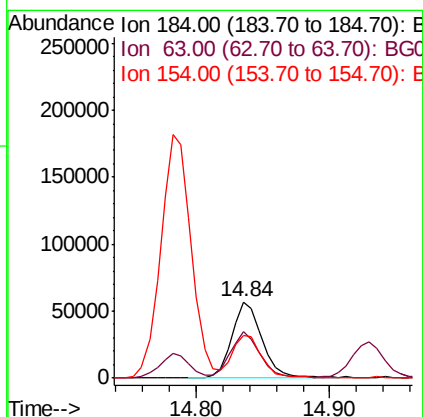
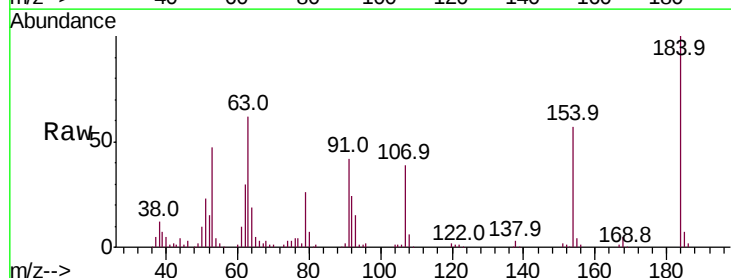
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

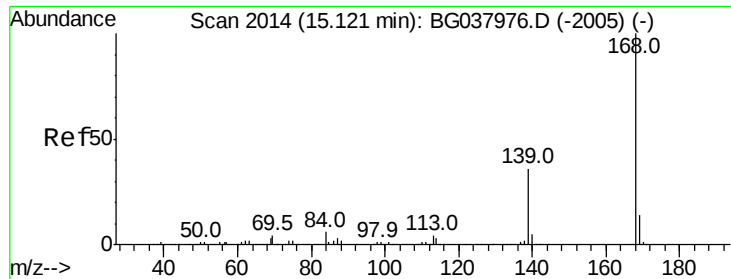
Tot Ion:138 Resp: 76766
Ion Ratio Lower Upper
138 100
108 10.8 11.0 16.6#
92 117.0 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 82.171 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:184 Resp: 89845
Ion Ratio Lower Upper
184 100
63 61.8 42.6 63.8
154 57.0 41.8 62.6

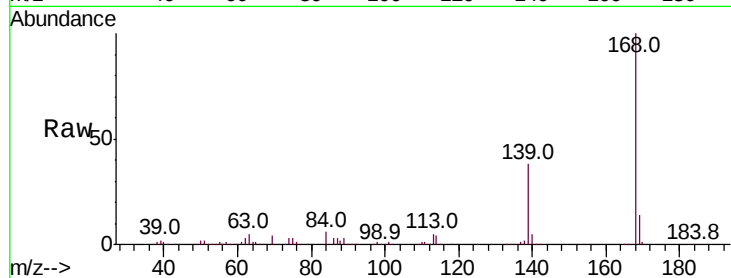




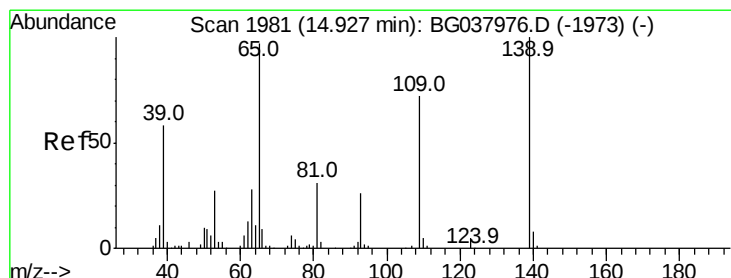
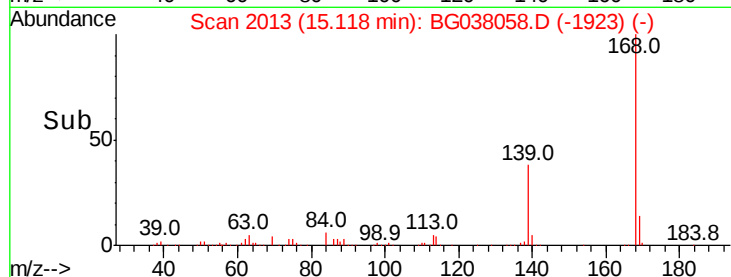
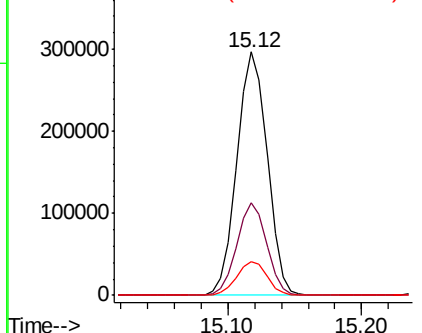
#55
Dibenzofuran
Concen: 43.314 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion:168 Resp: 467711
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.0
169 13.9 11.0 16.6

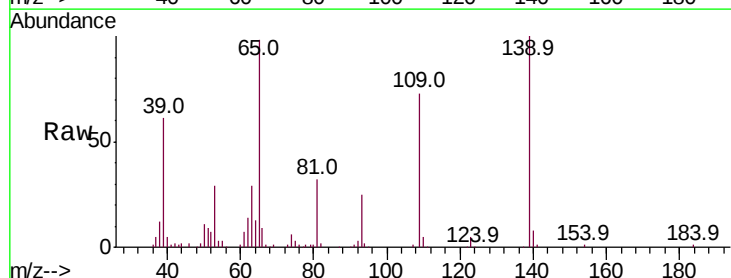


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

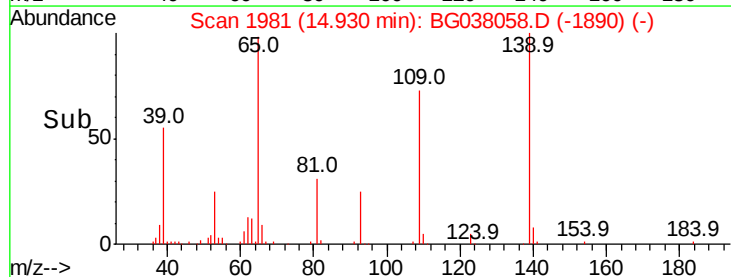
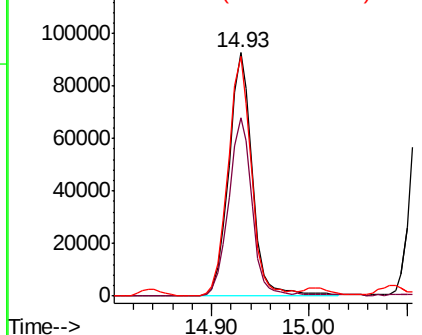


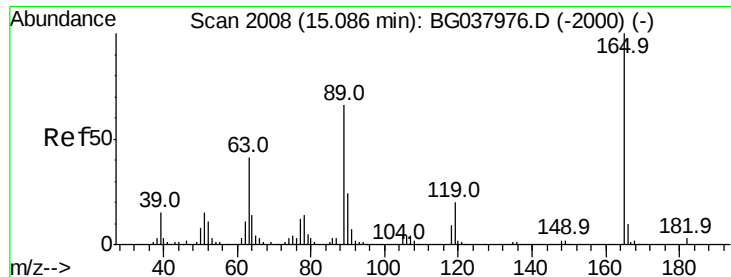
#56
4-Nitrophenol
Concen: 89.795 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:139 Resp: 154285
Ion Ratio Lower Upper
139 100
109 73.2 49.5 89.5
65 98.4 76.8 116.8



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

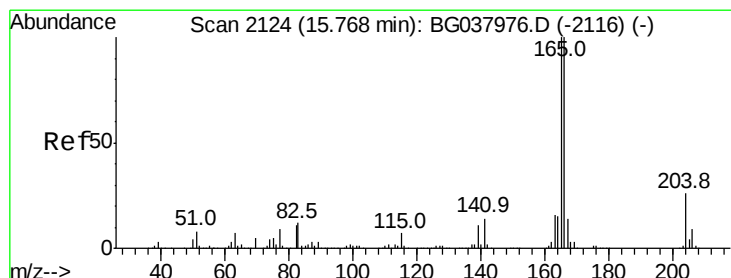
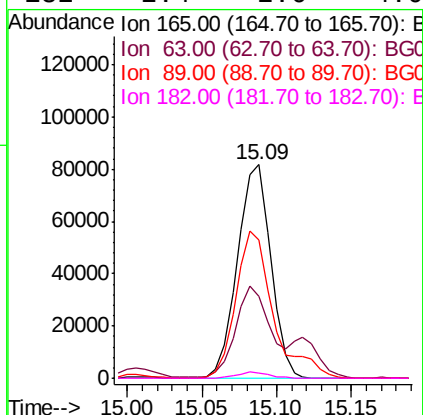
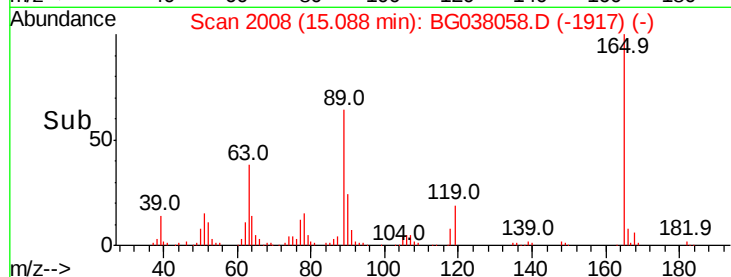
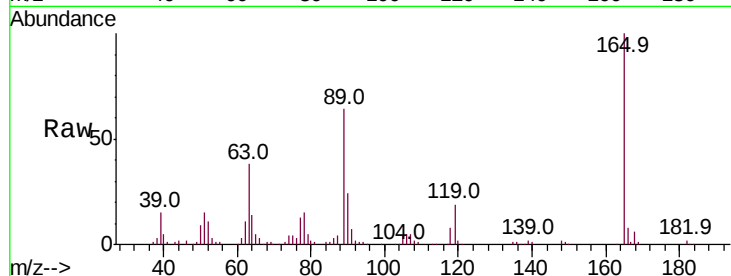




#57
2,4-Dinitrotoluene
Concen: 46.235 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

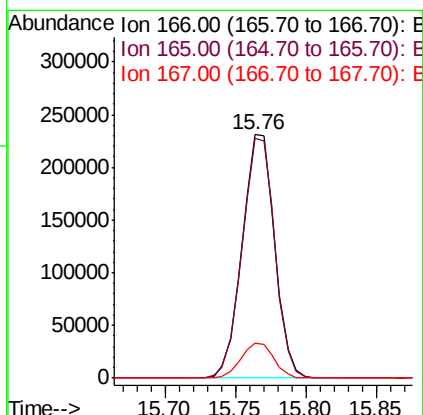
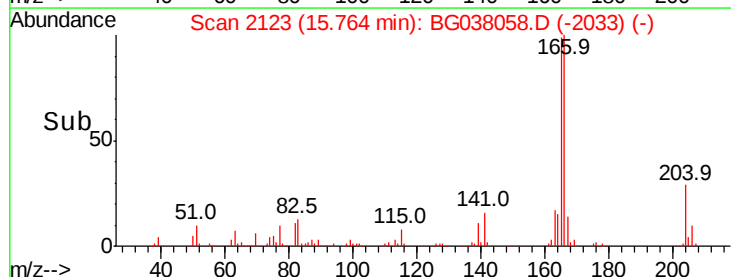
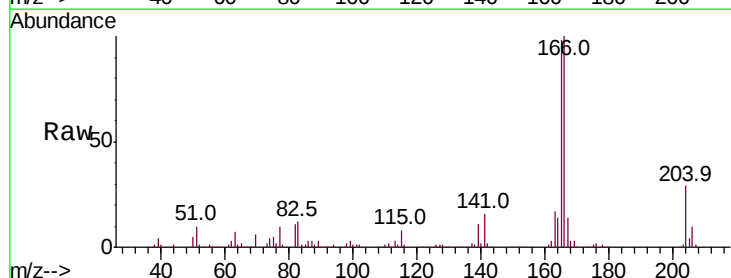
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

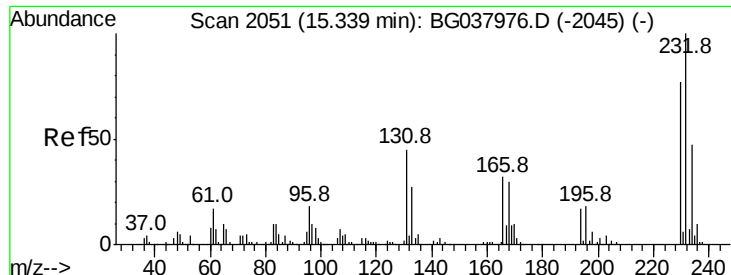
Tot Ion:165 Resp: 127003
Ion Ratio Lower Upper
165 100
63 38.3 33.4 50.0
89 64.5 57.2 85.8
182 2.4 2.6 4.0#



#58
Fluorene
Concen: 46.137 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:166 Resp: 371717
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 14.5 11.3 16.9

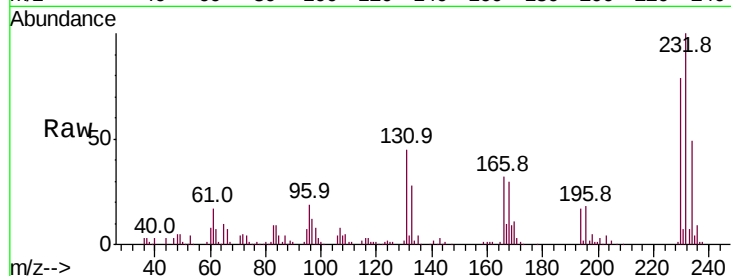




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.210 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.7	50.5
130	2.7	2.1	3.1
166	32.3	24.6	36.8



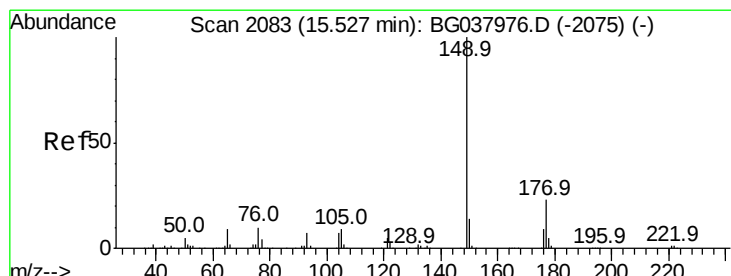
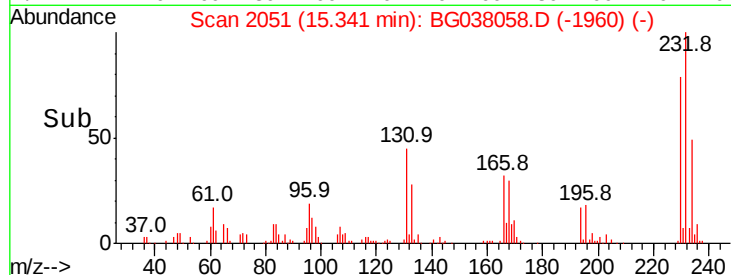
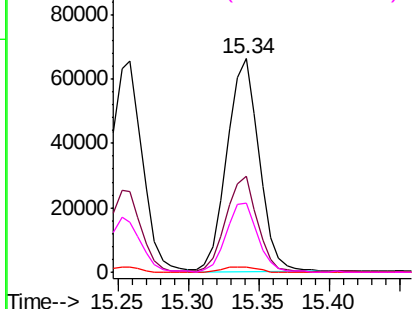
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

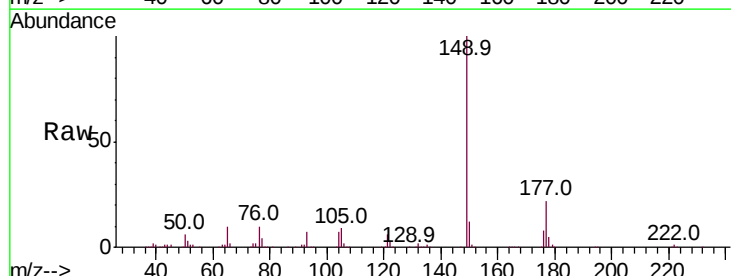
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.362 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	12.5	10.0	15.0

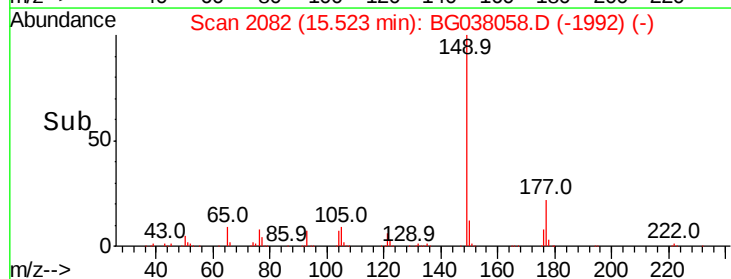
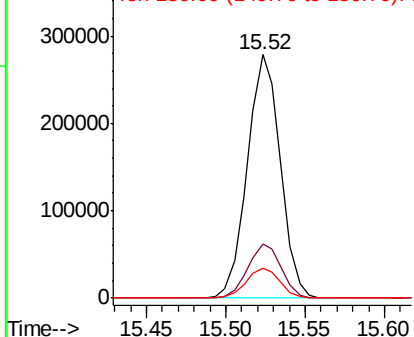


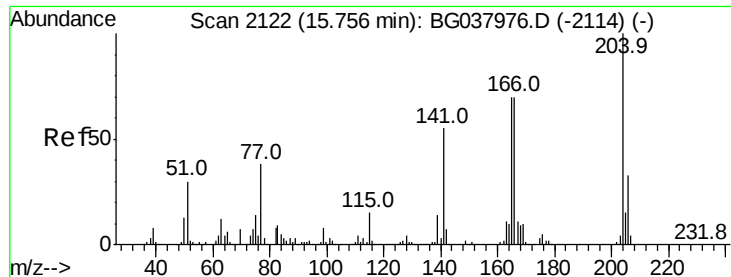
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

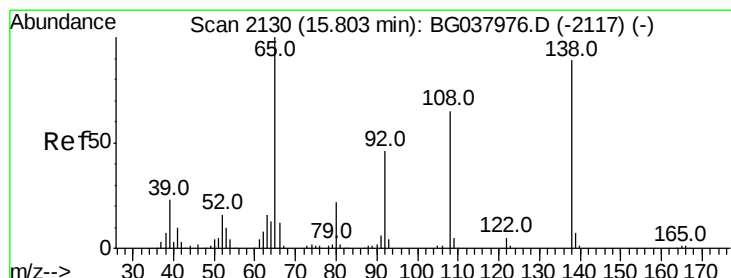
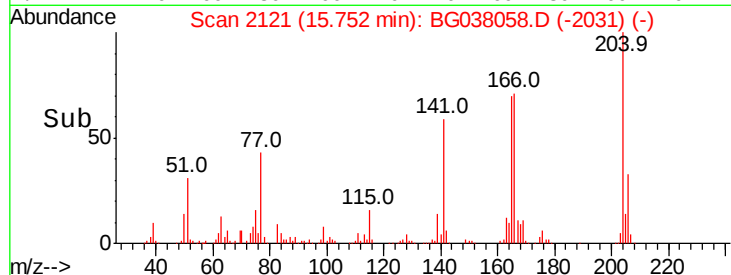
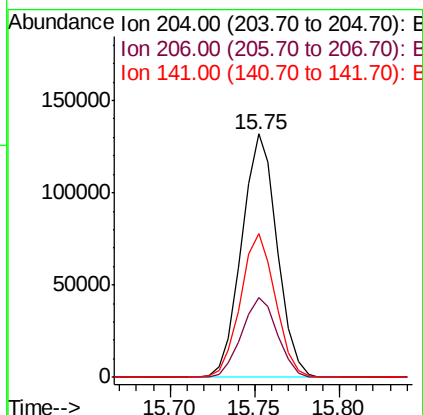
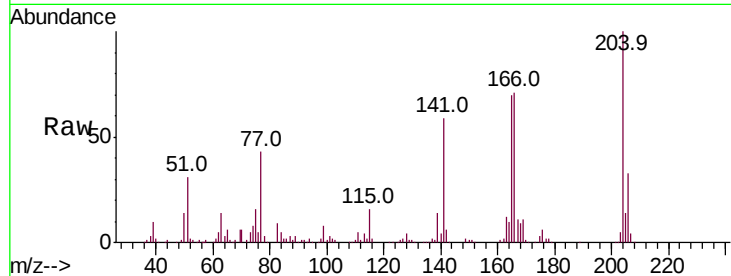




#61
4-Chlorophenyl-phenylether
Concen: 40.634 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

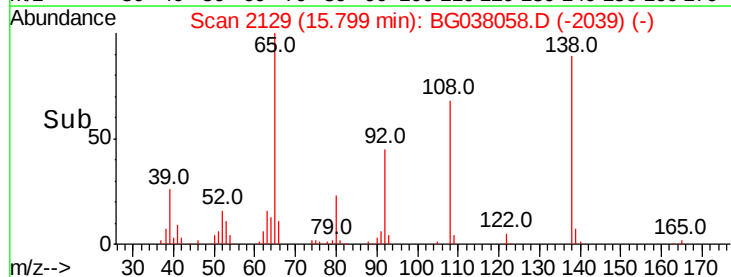
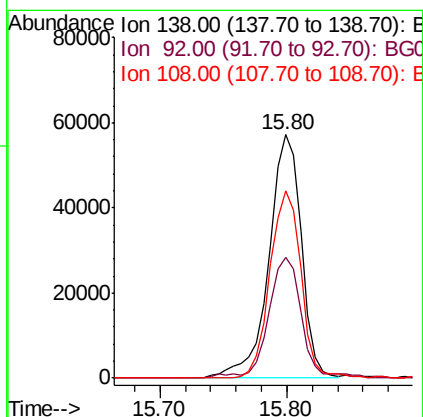
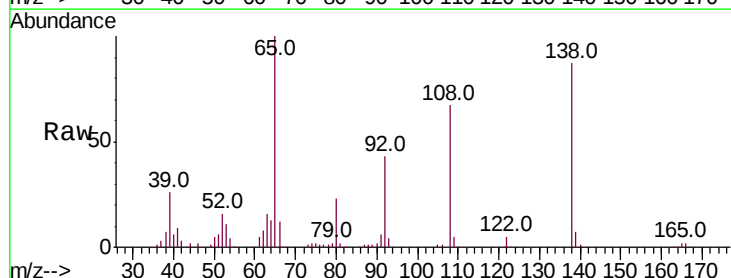
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

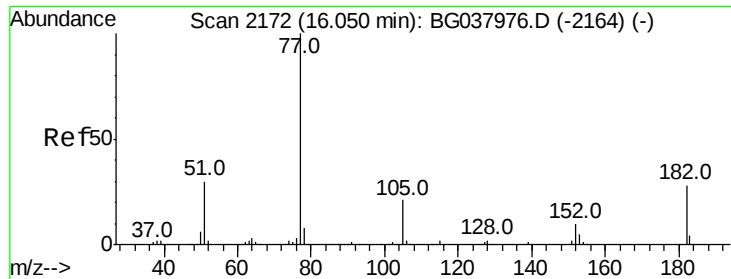
Tot Ion:204 Resp: 191563
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 58.9 45.4 68.2



#62
4-Nitroaniline
Concen: 45.768 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:138 Resp: 101289
Ion Ratio Lower Upper
138 100
92 49.8 36.4 76.4
108 77.1 60.1 100.1

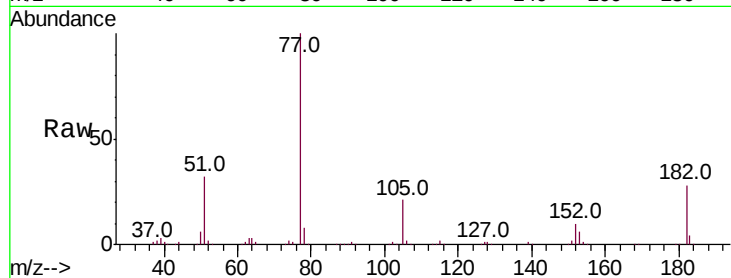




#63
Azobenzene
Concen: 44.175 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.0	48.0
105	21.0	1.3	41.3
51	31.9	10.7	50.7



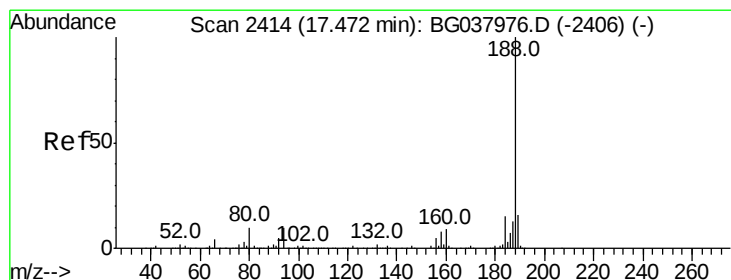
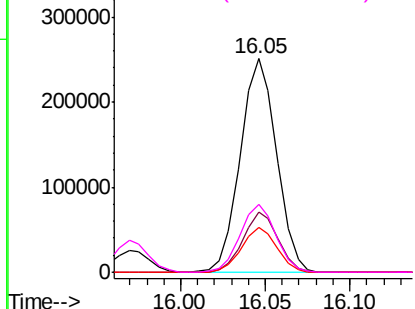
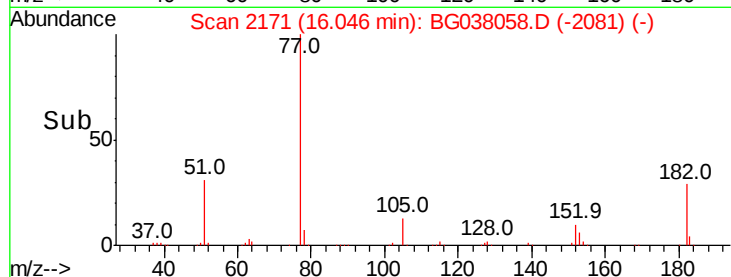
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

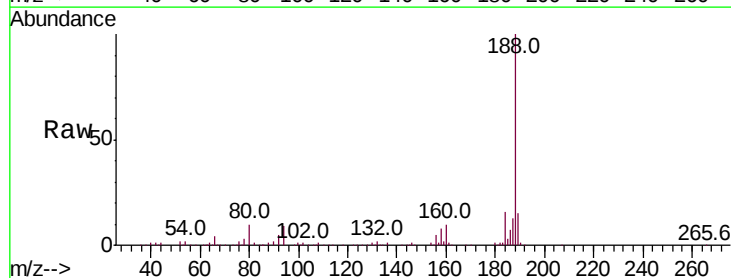
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.8	7.7	11.5

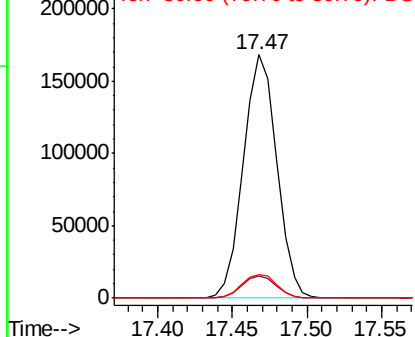
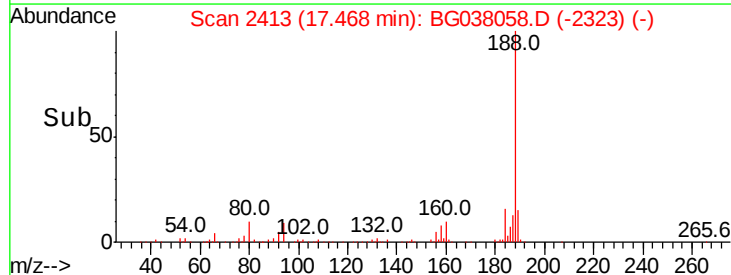


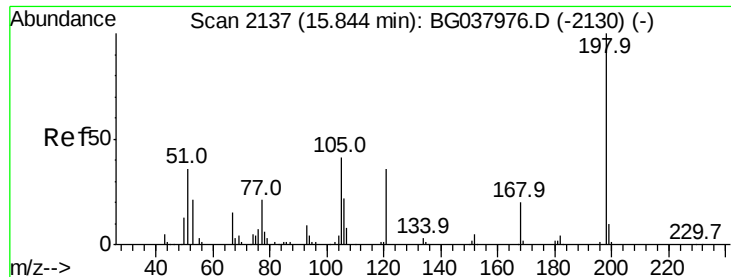
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.890 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

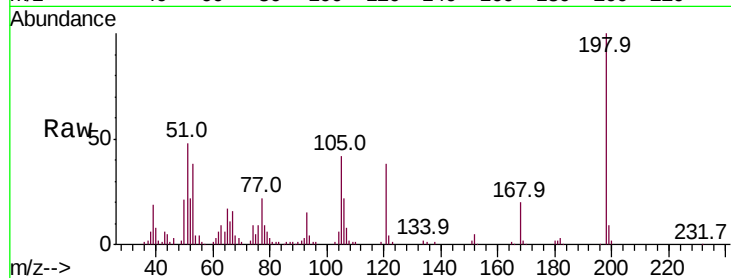
Tot Ion:198 Resp: 69062

Ion Ratio Lower Upper

198 100

51 47.8 22.7 62.7

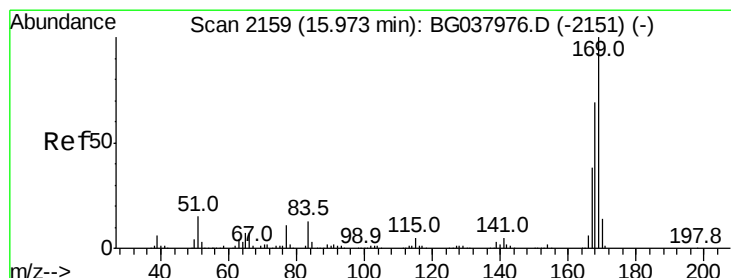
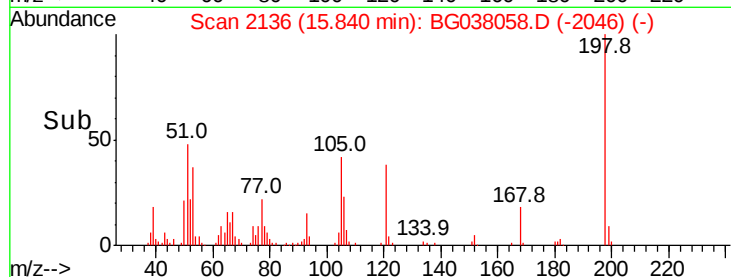
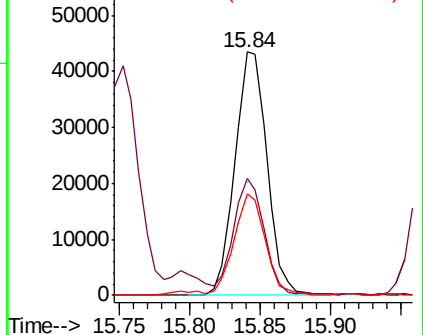
105 41.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.600 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

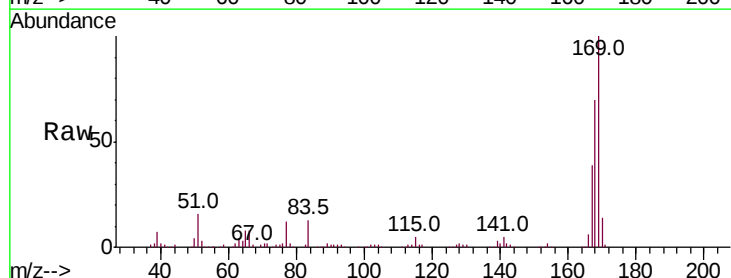
Tgt Ion:169 Resp: 343810

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

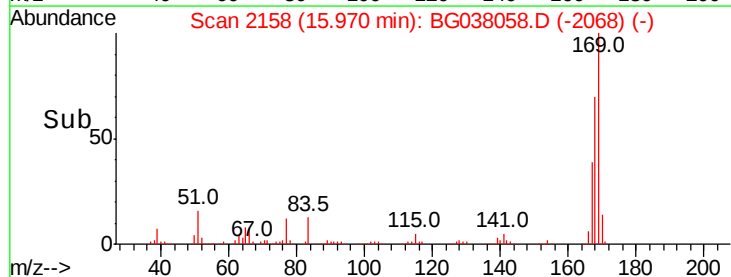
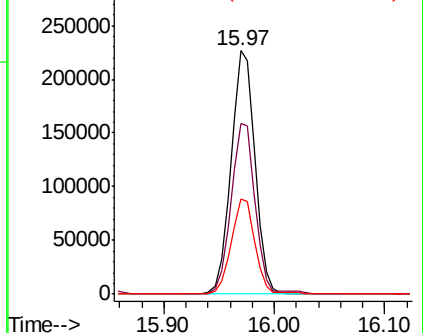
167 38.9 31.3 46.9

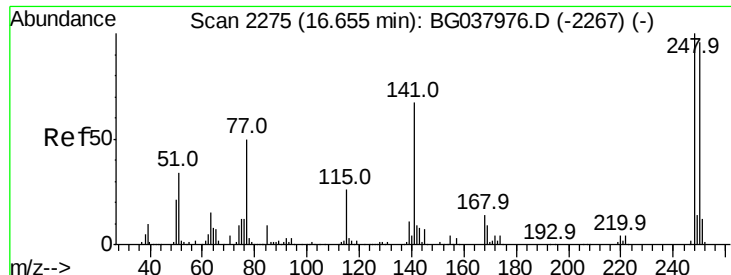


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

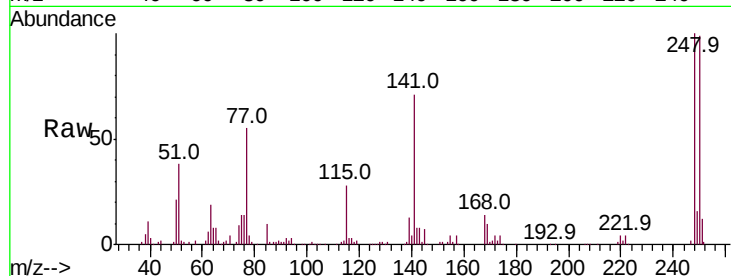




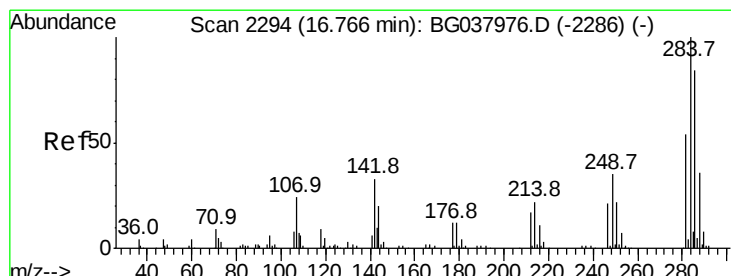
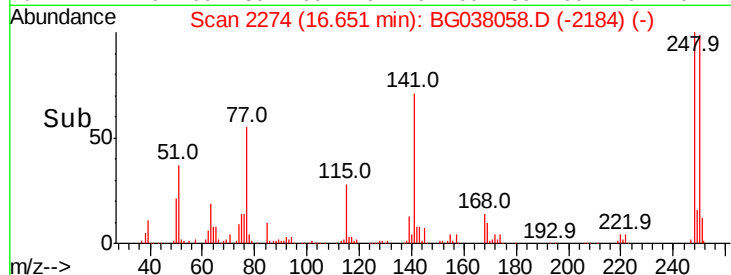
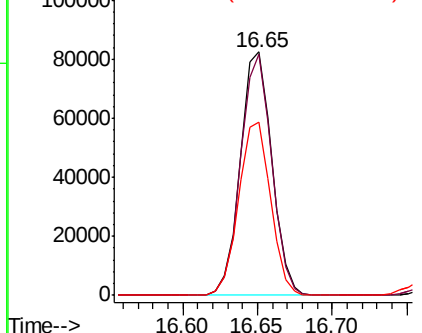
#67
4-Bromophenyl-phenylether
Concen: 42.147 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

Tot Ion:248 Resp: 120578
Ion Ratio Lower Upper
248 100
250 99.3 77.0 115.6
141 71.0 55.5 83.3

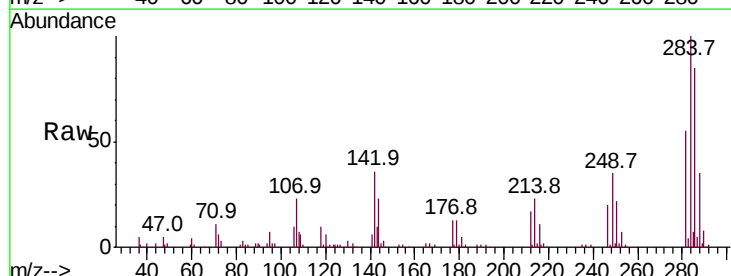


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

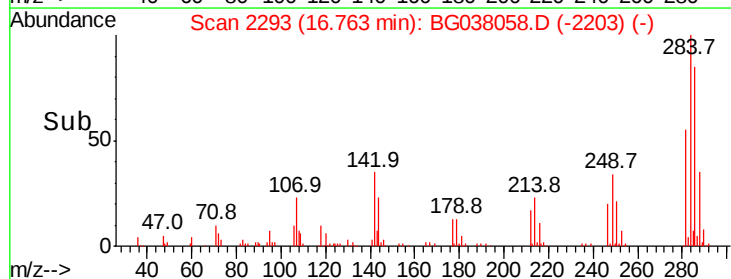
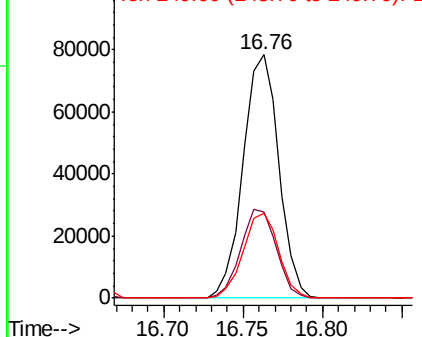


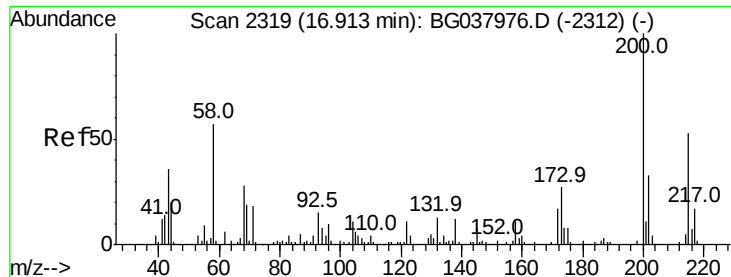
#68
Hexachlorobenzene
Concen: 41.525 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:284 Resp: 122625
Ion Ratio Lower Upper
284 100
142 35.6 28.1 42.1
249 37.1 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: 44.143 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

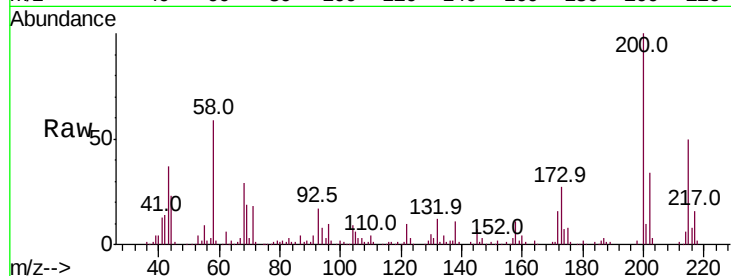
Tot Ion:200 Resp: 128318

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

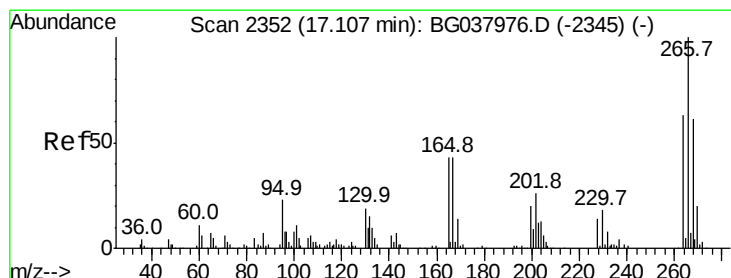
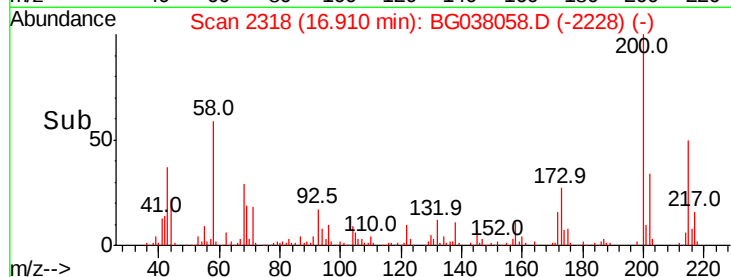
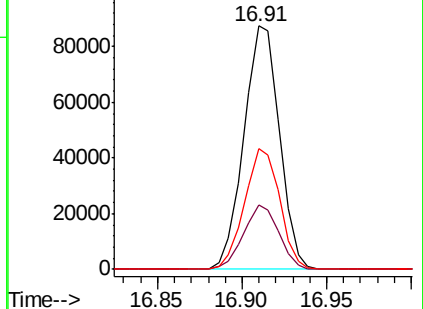
215 49.6 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.513 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

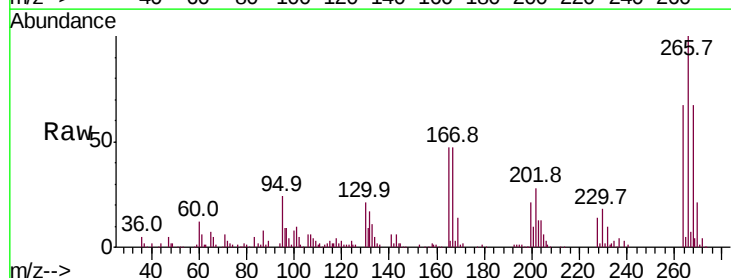
Tgt Ion:266 Resp: 153454

Ion Ratio Lower Upper

266 100

268 71.8 55.0 82.6

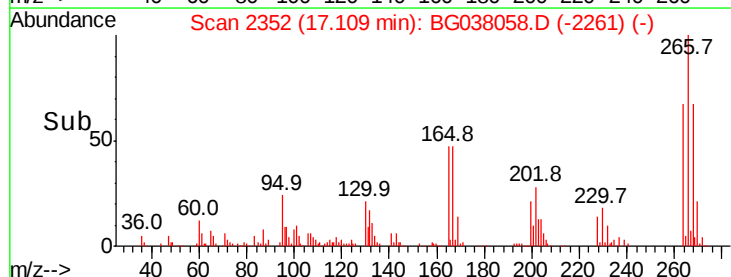
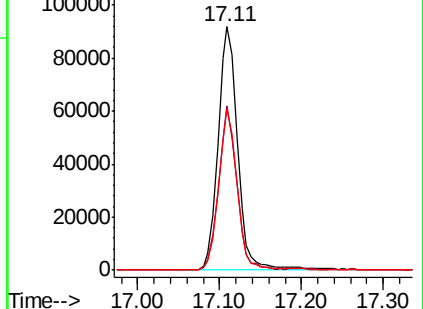
264 71.9 58.9 88.3

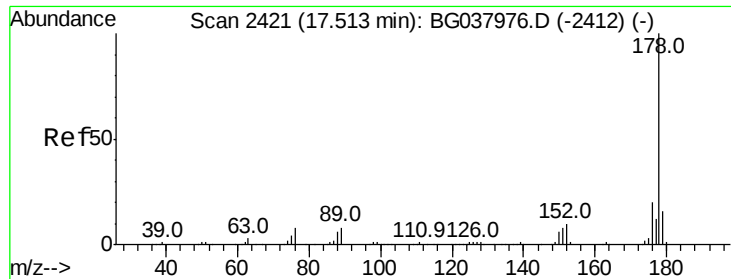


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

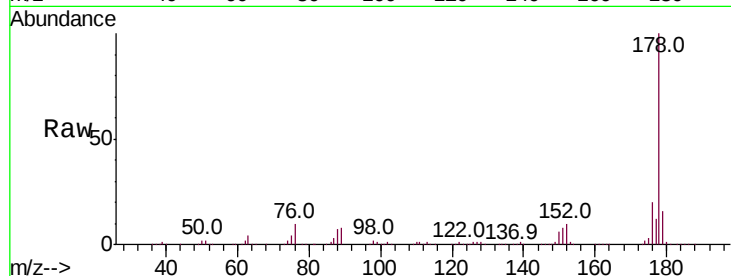




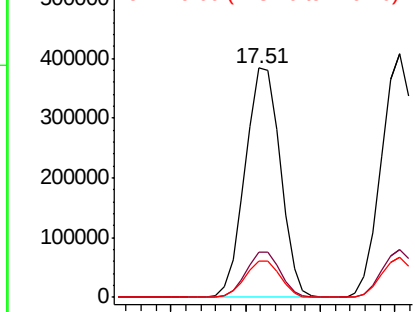
#71
Phenanthrene
Concen: 47.012 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Instrument :
BNA_G
ClientSampleId :
PB114894BSD

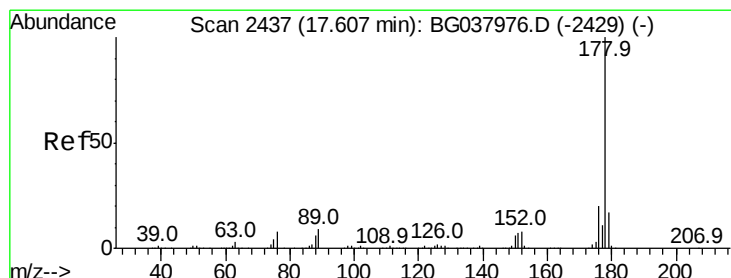
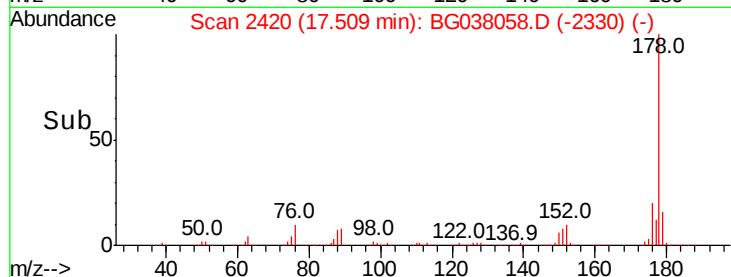
Tot Ion:178 Resp: 627380
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 15.8 13.0 19.4



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

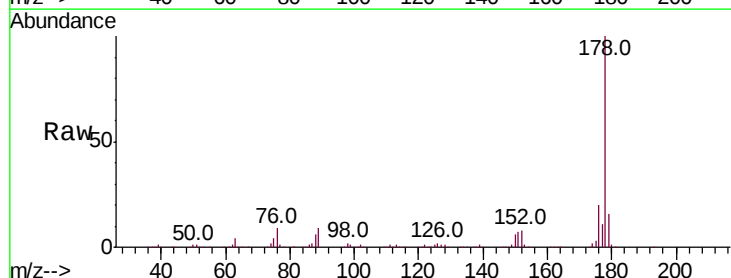


Time-->

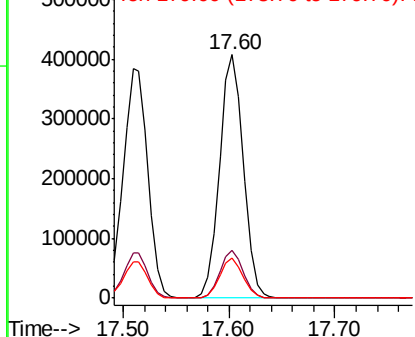


#72
Anthracene
Concen: 48.444 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

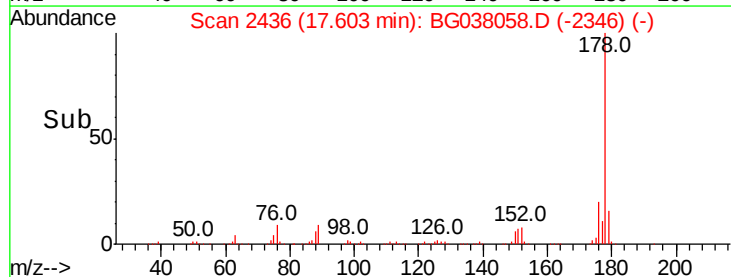
Tgt Ion:178 Resp: 637266
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 16.3 12.8 19.2

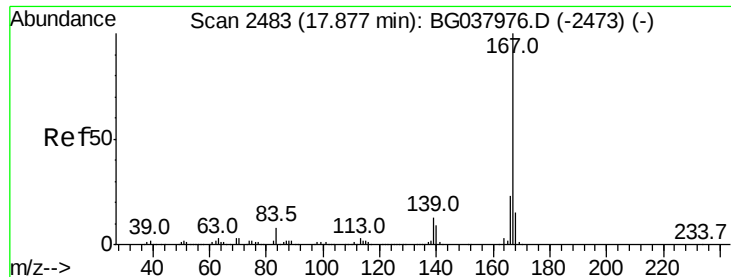


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

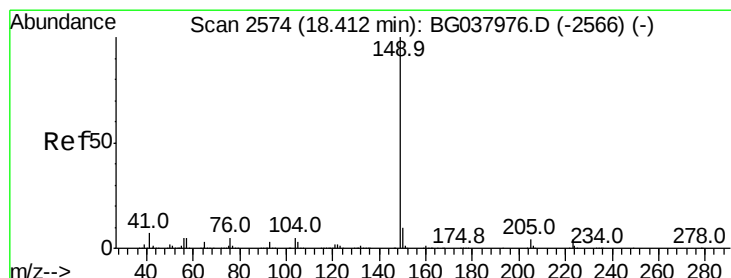
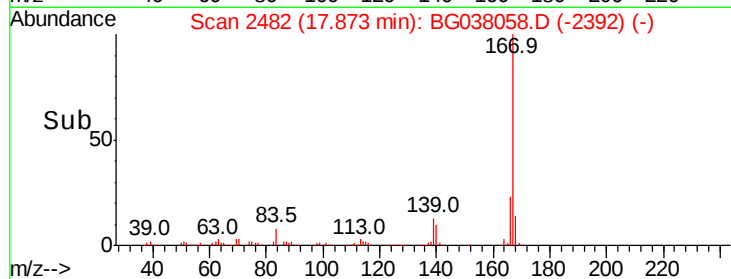
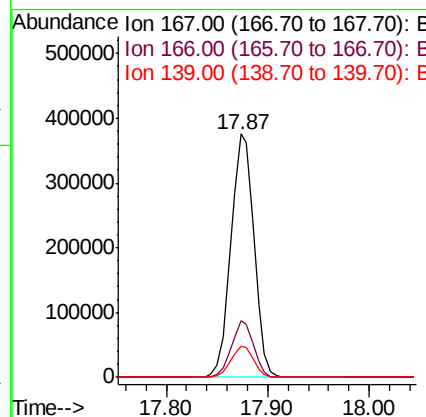
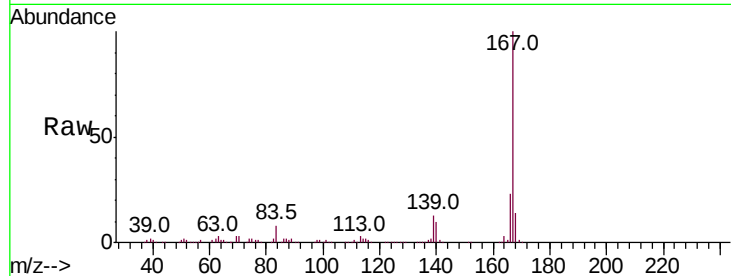




#73
 Carbazole
 Concen: 44.843 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

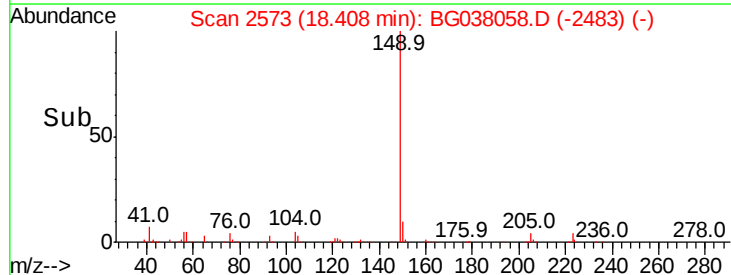
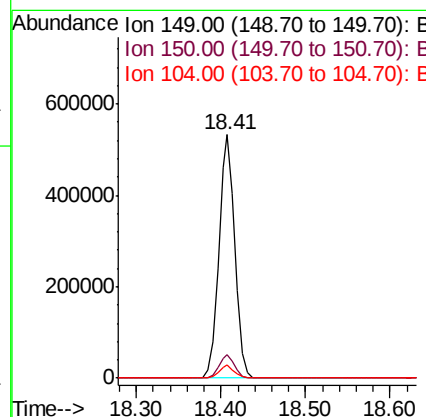
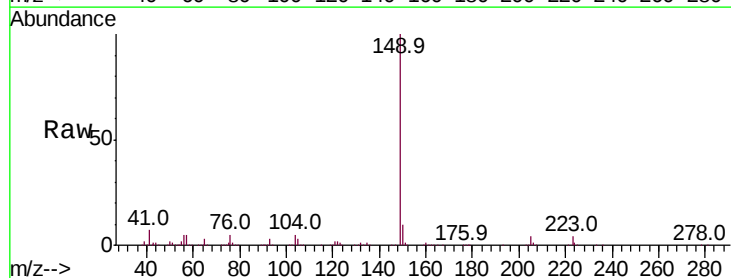
Instrument :
 BNA_G
 ClientSampleId :
 PB114894BSD

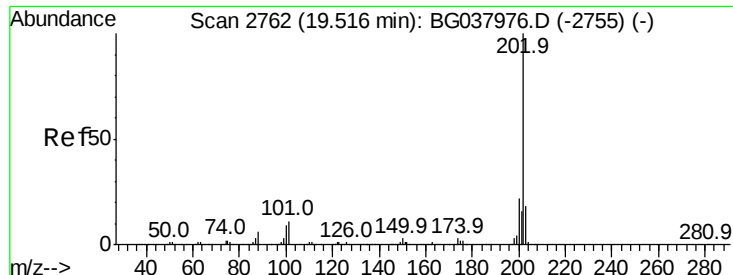
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 47.661 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038058.D
 Acq: 17 Nov 2018 7:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 49.138 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

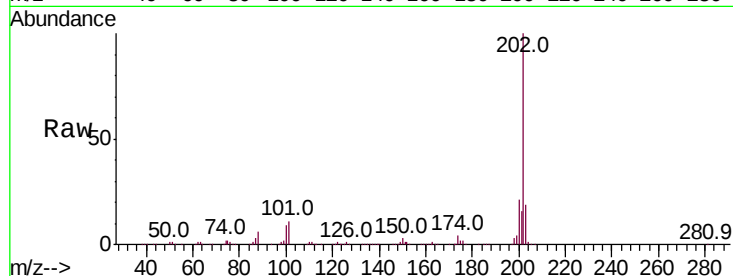
Tot Ion:202 Resp: 748174

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

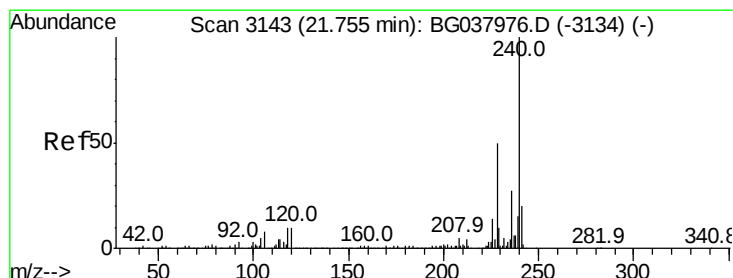
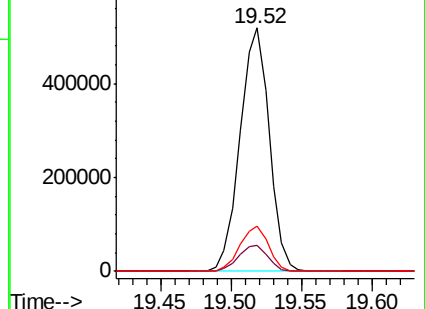
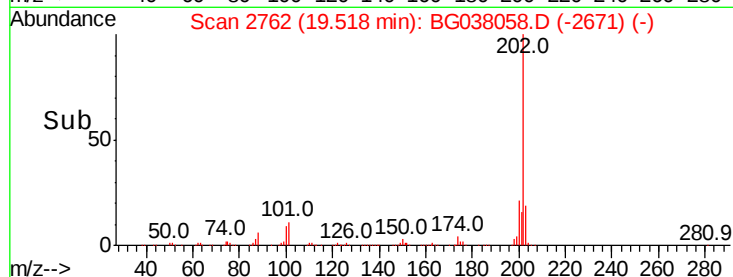
203 18.5 0.0 38.5



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# 3142

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

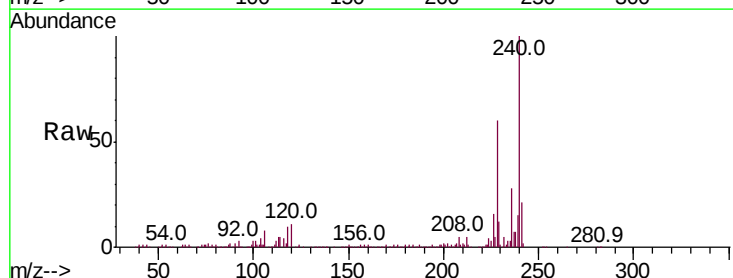
Tgt Ion:240 Resp: 246046

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

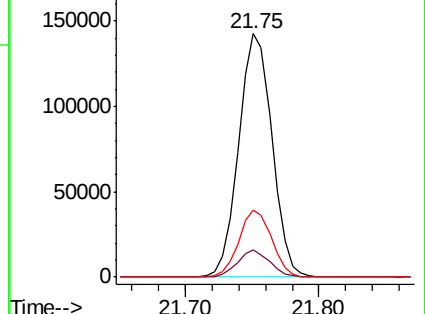
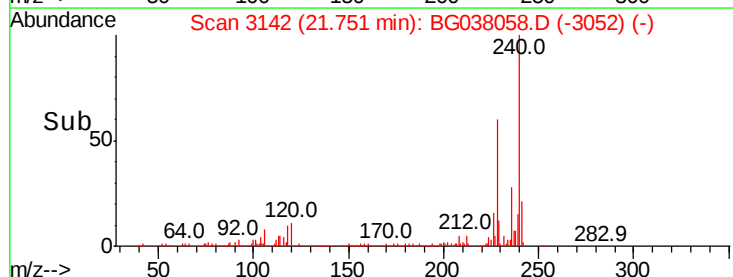
236 27.6 21.4 32.0

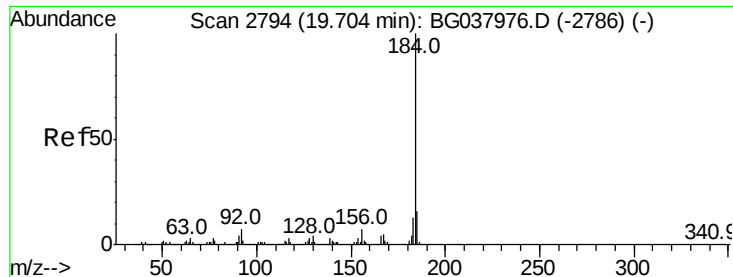


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.053 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

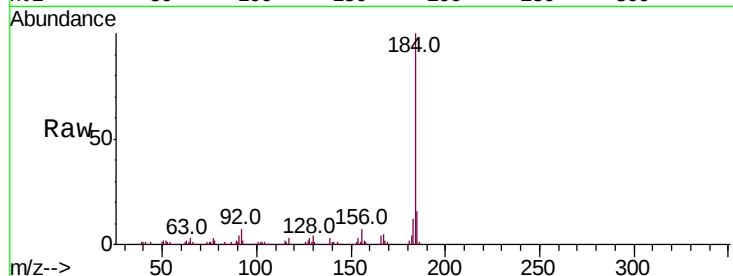
Tot Ion:184 Resp: 337168

Ion Ratio Lower Upper

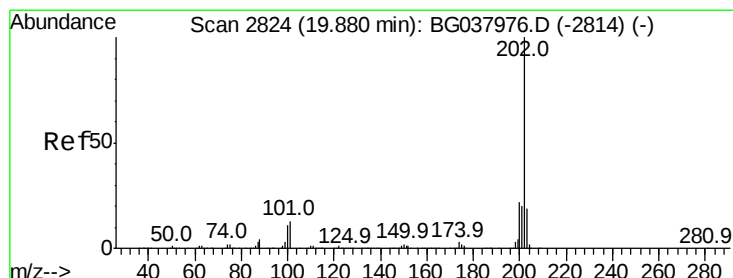
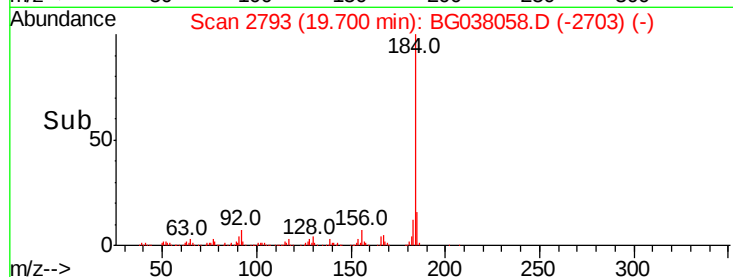
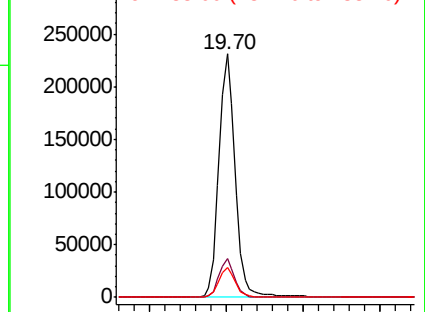
184 100

185 15.8 12.6 18.8

183 12.3 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: 46.852 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

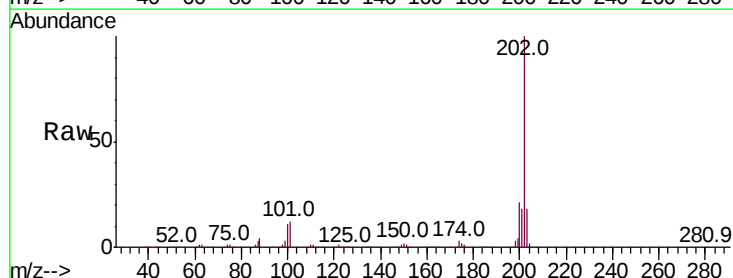
Tgt Ion:202 Resp: 753689

Ion Ratio Lower Upper

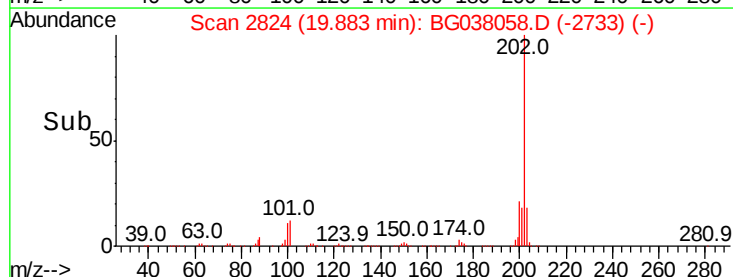
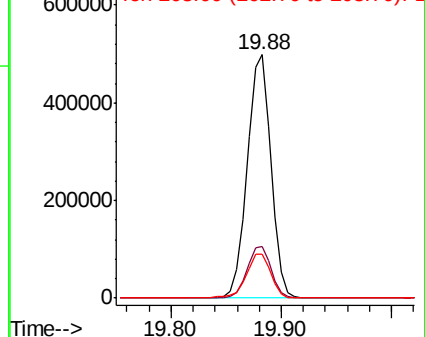
202 100

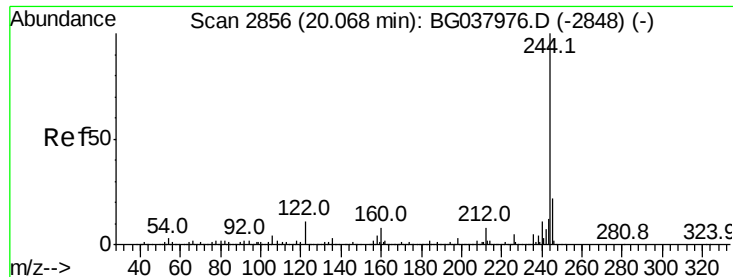
200 21.3 17.8 26.6

203 18.2 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: 74.819 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

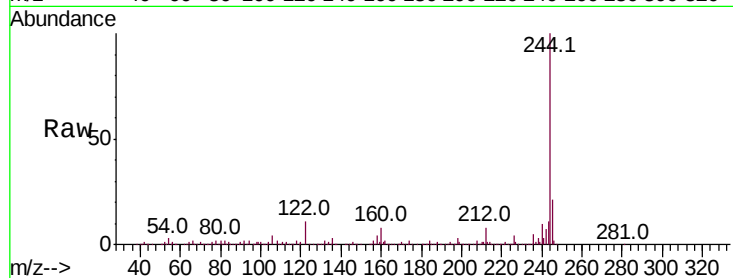
Tot Ion:244 Resp: 782357

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

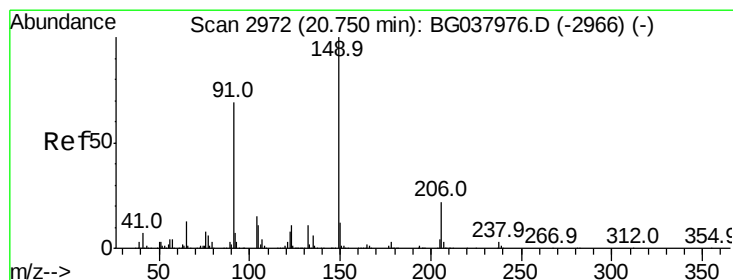
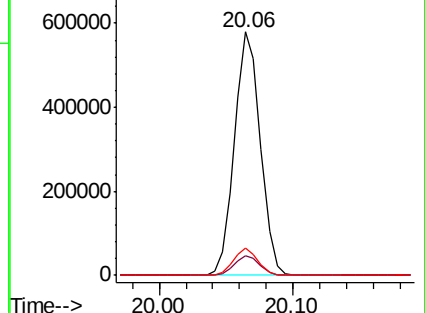
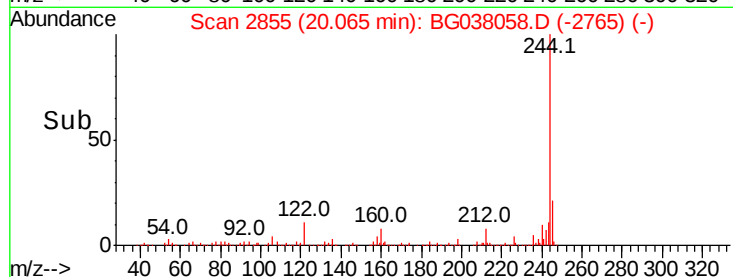
122 11.0 9.0 13.4



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: 46.933 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

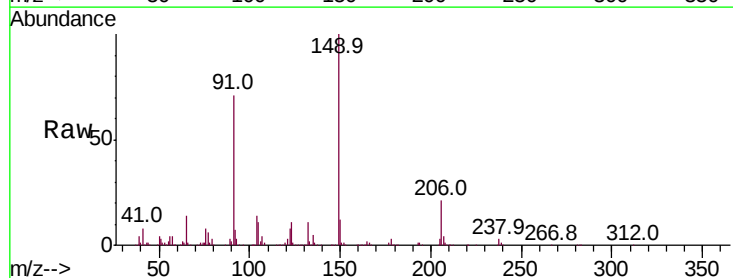
Tgt Ion:149 Resp: 330175

Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

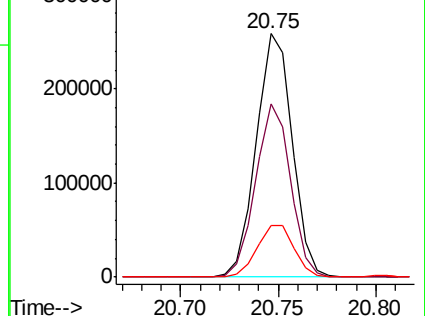
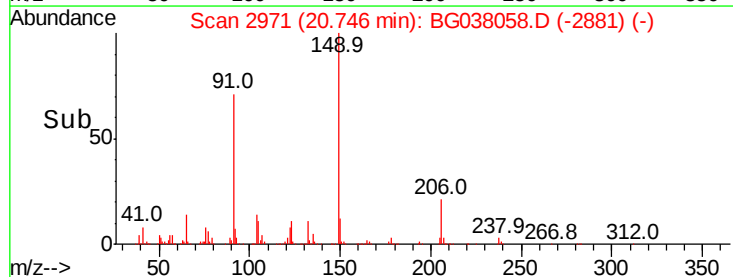
206 21.4 17.8 26.6

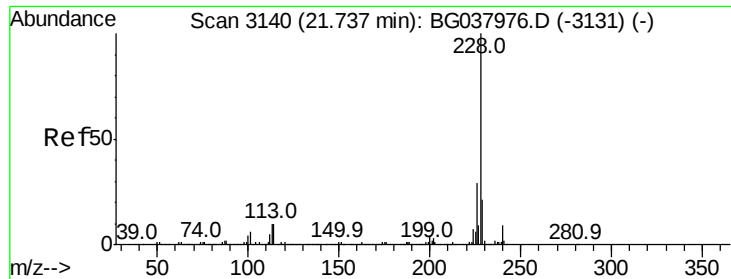


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

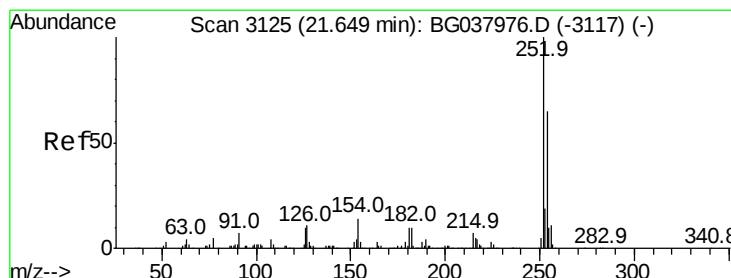
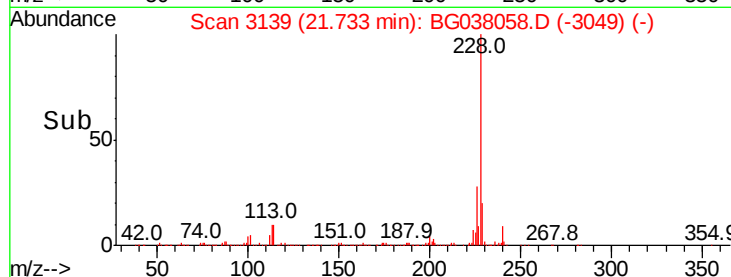
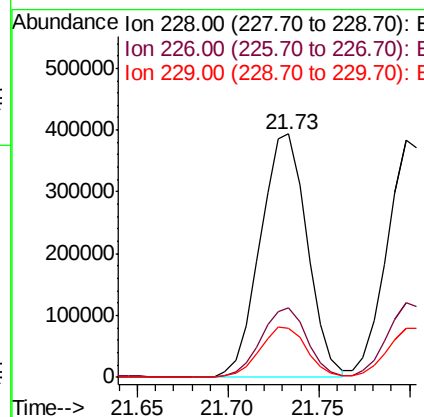
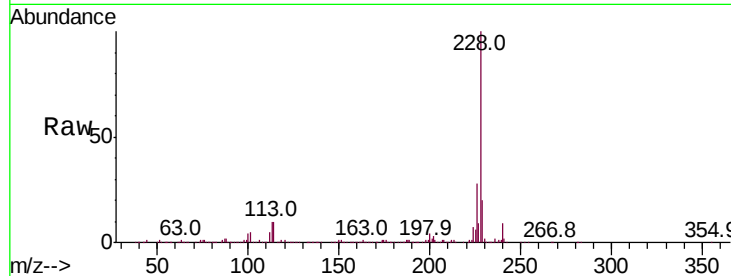




#81
Benzo(a)anthracene
Concen: 47.617 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

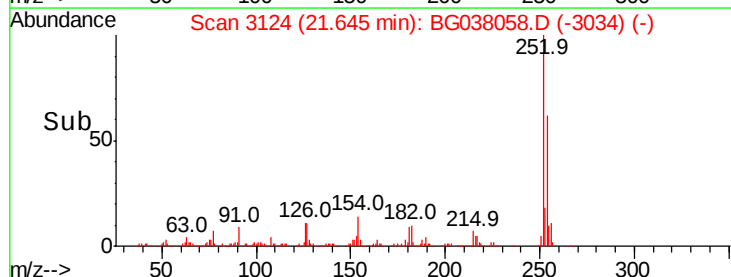
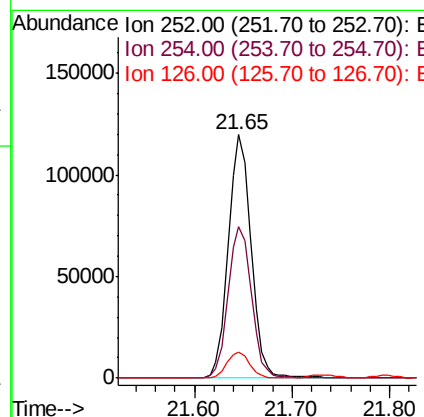
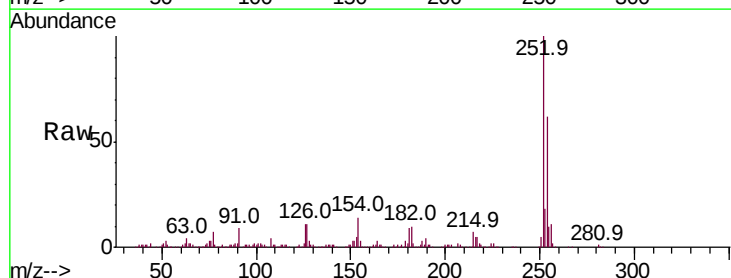
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

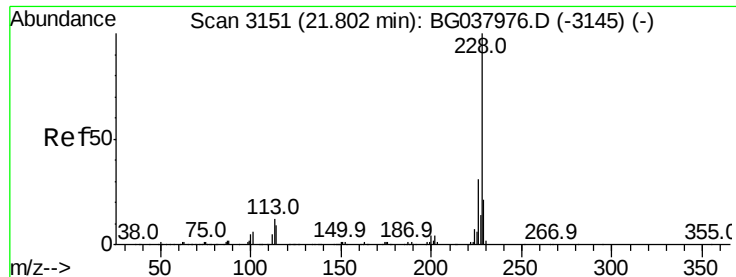
Tot Ion:228 Resp: 708013
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.513 ng
RT: 21.65 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:252 Resp: 194106
Ion Ratio Lower Upper
252 100
254 62.4 52.0 78.0
126 10.6 8.2 12.4





#83

Chrysene

Concen: 46.348 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

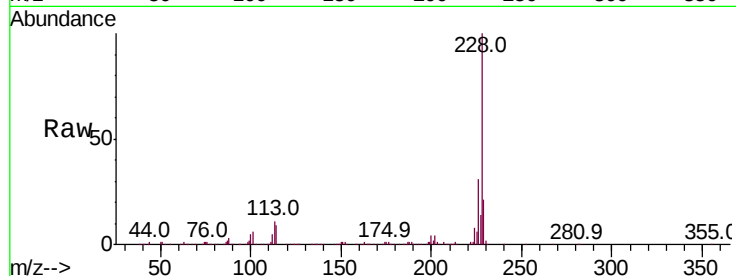
Tot Ion:228 Resp: 659361

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

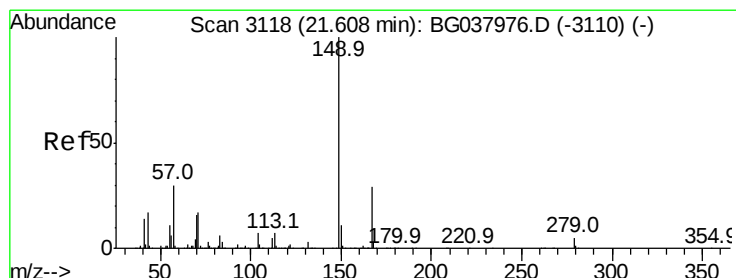
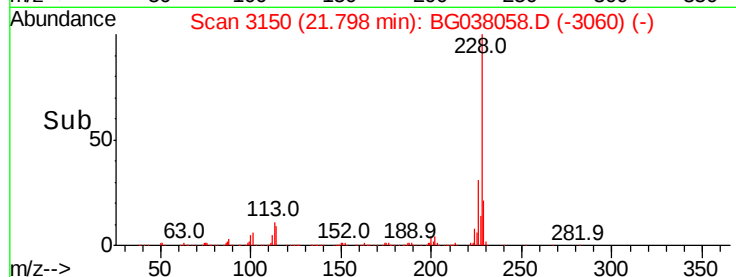
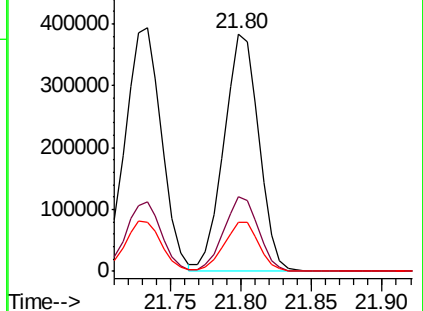
229 20.5 16.5 24.7



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: 45.920 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

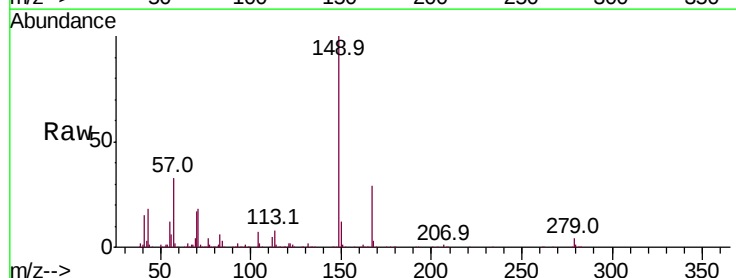
Tgt Ion:149 Resp: 460696

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

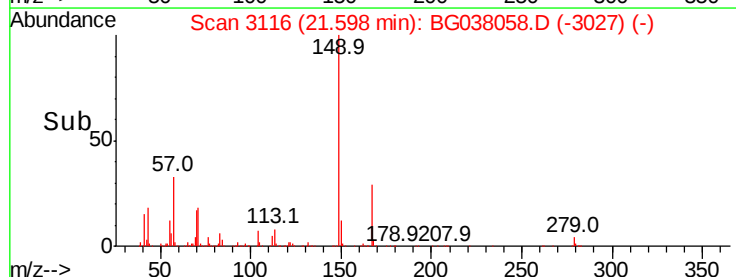
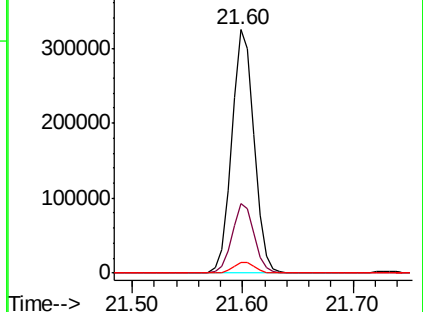
279 4.2 3.6 5.4

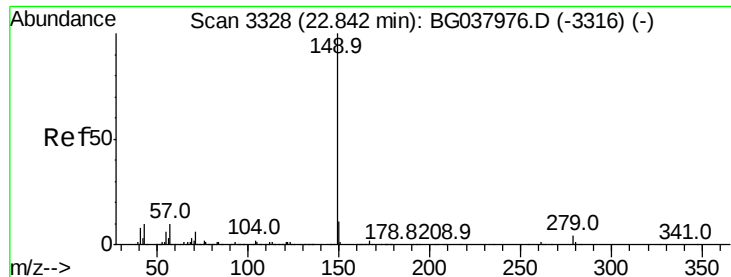


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

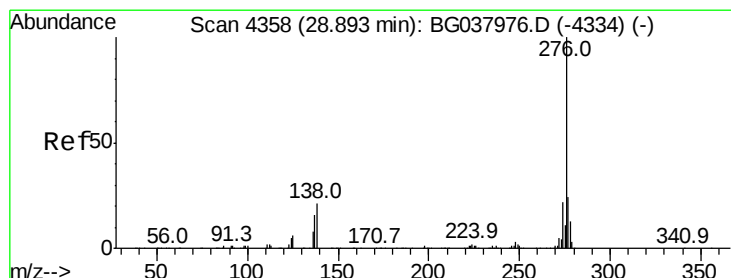
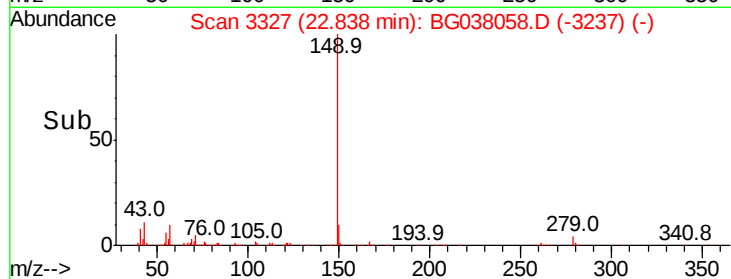
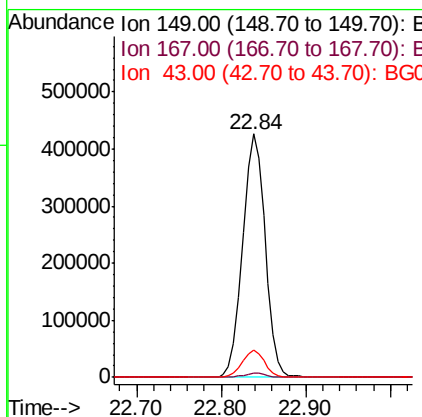
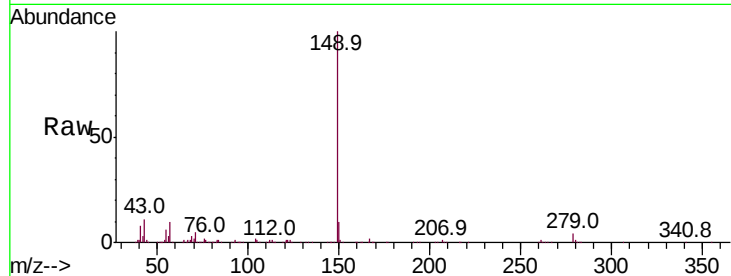




#85
Di-n-octyl phthalate
Concen: 48.658 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

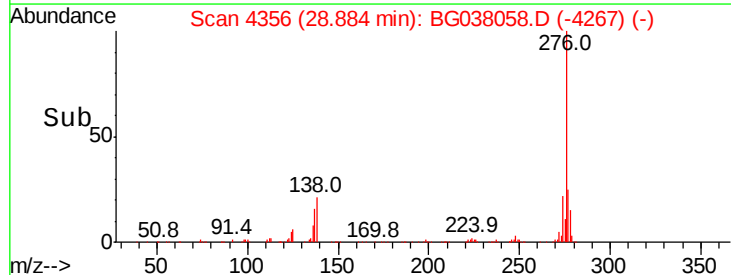
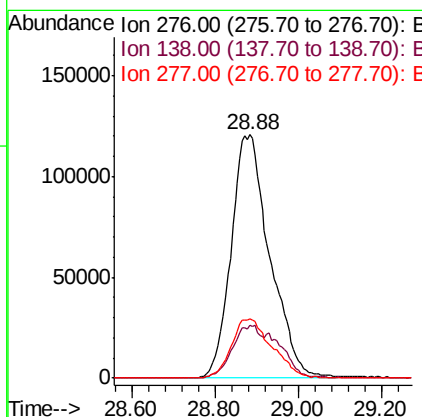
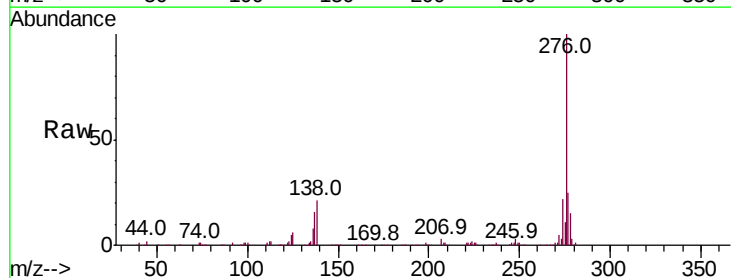
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

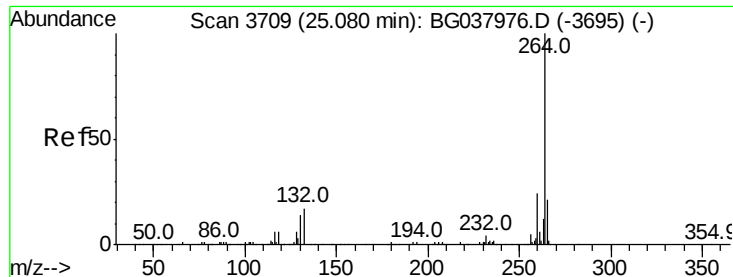
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.8	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.268 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.0	18.0
277	25.4	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

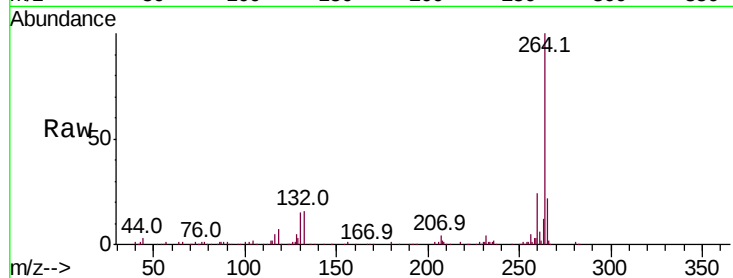
Tot Ion:264 Resp: 246000

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

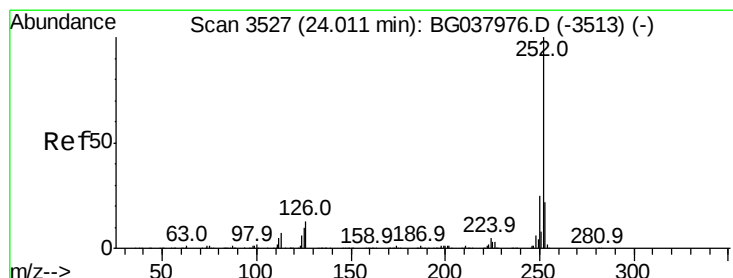
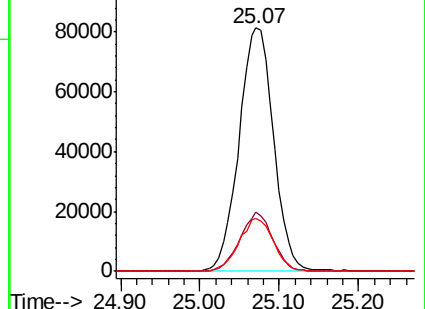
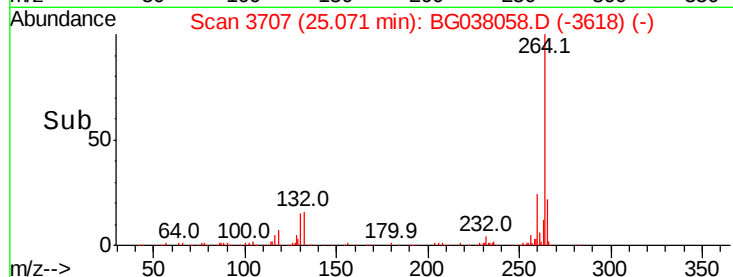
265 21.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.117 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

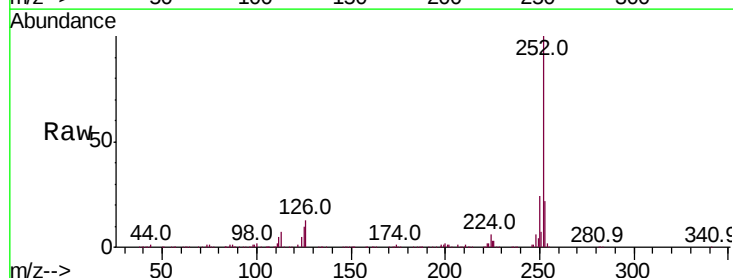
Tgt Ion:252 Resp: 691993

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

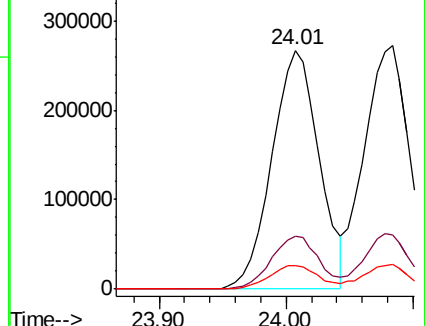
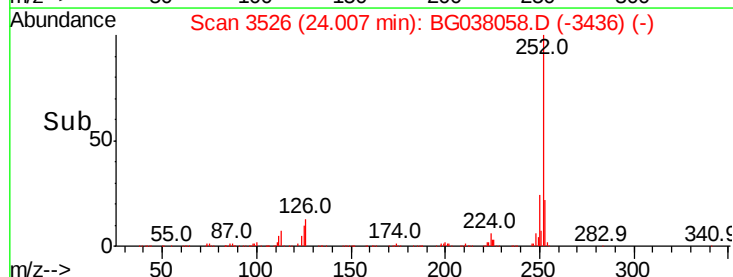
125 10.0 7.8 11.6

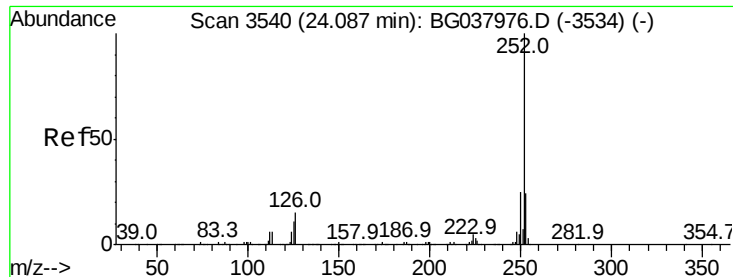


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

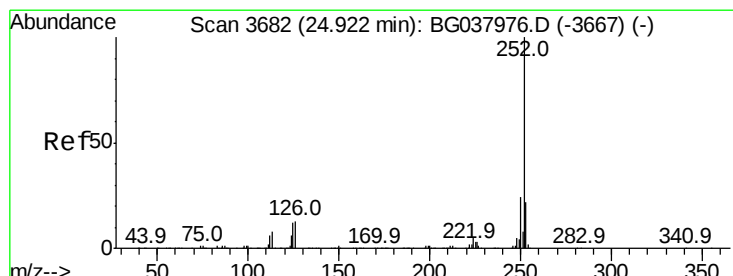
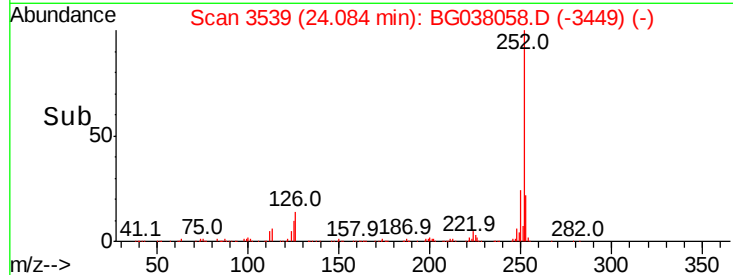
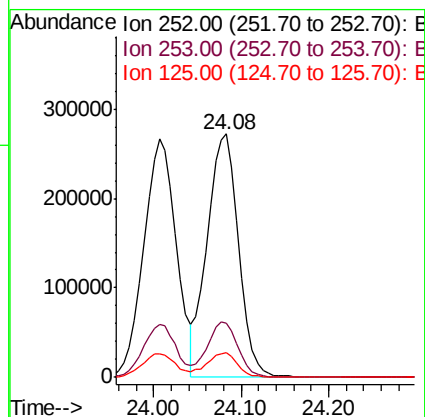
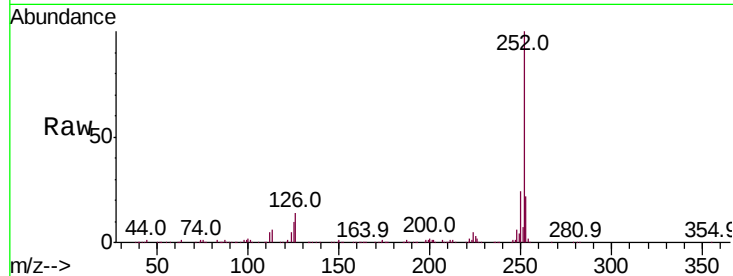




#89
Benzo(k)fluoranthene
Concen: 50.809 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

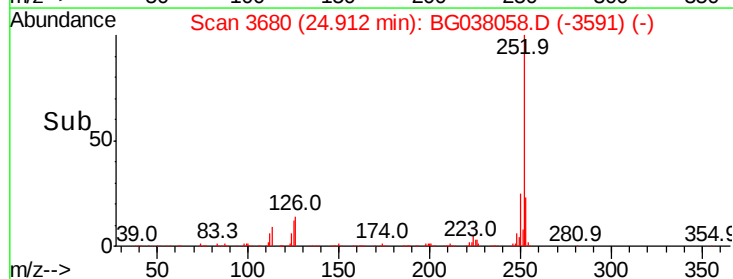
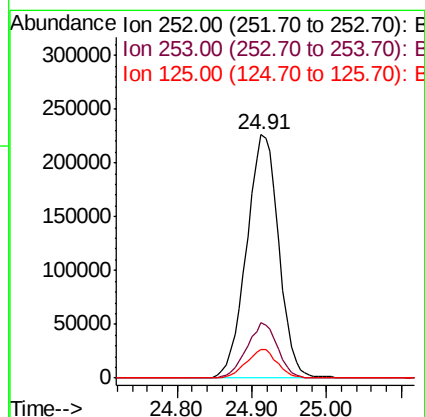
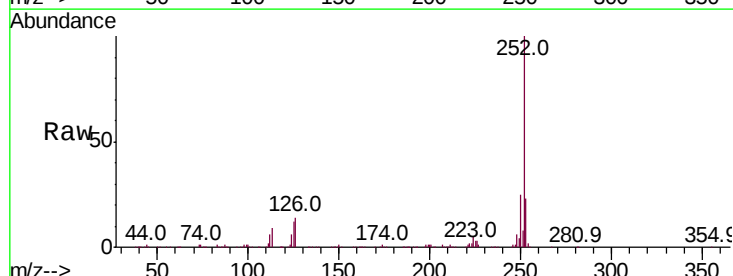
Instrument :
BNA_G
ClientSampleId :
PB114894BSD

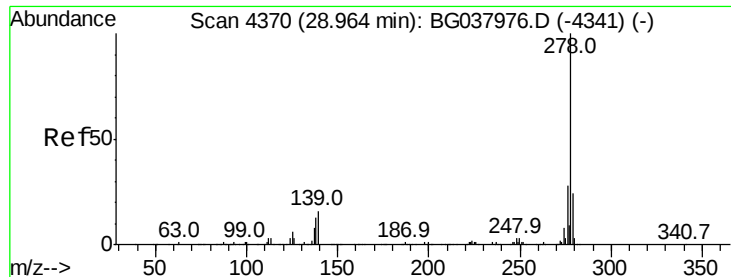
Tot Ion:252 Resp: 678714
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 52.344 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG038058.D
Acq: 17 Nov 2018 7:06

Tgt Ion:252 Resp: 677195
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 51.911 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.02 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

Instrument :

BNA_G

ClientSampleId :

PB114894BSD

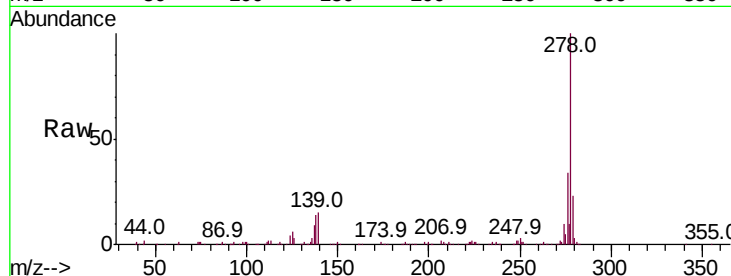
Tot Ion:278 Resp: 646199

Ion Ratio Lower Upper

278 100

139 15.4 11.5 17.3

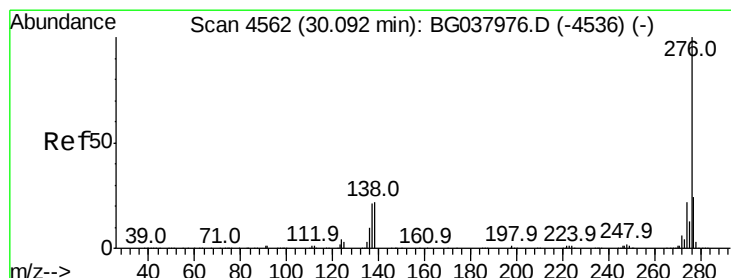
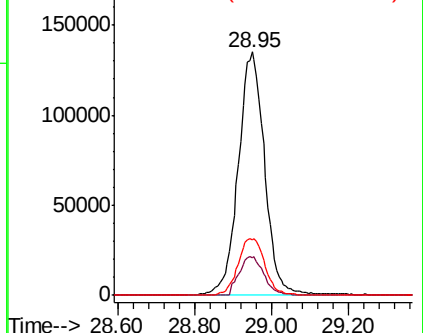
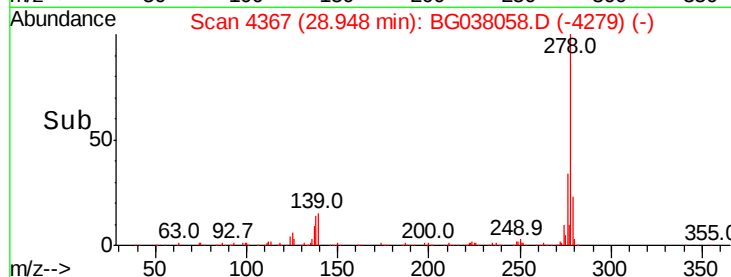
279 22.9 18.6 27.8



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: 51.932 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038058.D

Acq: 17 Nov 2018 7:06

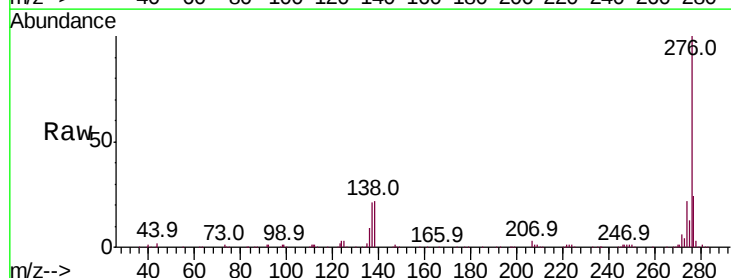
Tgt Ion:276 Resp: 642781

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.7 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

