

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038236.D
 Acq On : 29 Nov 2018 17:03
 Operator : JU/SJ
 Sample : PB115157BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

Quant Time: Nov 29 17:42:35 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	34391	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	154827	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	96215	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	226508	20.00	ng	0.00
76) Chrysene-d12	21.75	240	214804	20.00	ng	0.00
87) Perylene-d12	25.07	264	199823	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	308415	154.84	ng	0.00
7) Phenol-d6	7.23	99	411498	144.73	ng	0.00
23) Nitrobenzene-d5	9.26	82	201462	69.65	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	152025	138.54	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	431341	65.31	ng	0.00
79) Terphenyl-d14	20.07	244	697447	76.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	33014	35.090	ng	# 93
3) Pyridine	3.91	79	91691	34.164	ng	93
4) n-Nitrosodimethylamine	3.84	42	53936	55.394	ng	92
6) Aniline	7.41	93	123913	33.767	ng	98
8) 2-Chlorophenol	7.65	128	114633	49.598	ng	98
9) Benzaldehyde	7.22	77	57180	27.809	ng	98
10) Phenol	7.26	94	149338	49.587	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	107297	43.640	ng	99
12) 1,3-Dichlorobenzene	7.97	146	112370	42.203	ng	98
13) 1,4-Dichlorobenzene	8.12	146	115103	42.795	ng	97
14) 1,2-Dichlorobenzene	8.44	146	110270	42.942	ng	97
15) Benzyl Alcohol	8.32	79	105270	51.167	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	231767	50.765	ng	98
17) 2-Methylphenol	8.52	107	103644	50.902	ng	96
18) Hexachloroethane	9.16	117	42271	43.184	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	89554	43.529	ng	94
20) 3+4-Methylphenols	8.85	107	138890	48.118	ng	97
22) Acetophenone	8.91	105	167617	43.512	ng	# 96
24) Nitrobenzene	9.30	77	137691	46.537	ng	97
25) Isophorone	9.82	82	249328	47.893	ng	98
26) 2-Nitrophenol	10.01	139	65319	44.222	ng	88
27) 2,4-Dimethylphenol	10.05	122	118104	53.069	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	148656	44.656	ng	95
29) 2,4-Dichlorophenol	10.54	162	119630	47.790	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	121003	43.137	ng	99
31) Naphthalene	10.95	128	354947	46.610	ng	98
32) Benzoic acid	10.20	122	51123	38.842	ng	97
33) 4-Chloroaniline	11.06	127	93713	26.456	ng	96
34) Hexachlorobutadiene	11.21	225	73984	42.854	ng	97
35) Caprolactam	11.85	113	41747	41.665	ng	# 89
36) 4-Chloro-3-methylphenol	12.17	107	128710	47.064	ng	96
37) 2-Methylnaphthalene	12.55	142	260716	47.663	ng	98
38) 1-Methylnaphthalene	12.77	142	246325	46.783	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	135643	42.190	ng	99

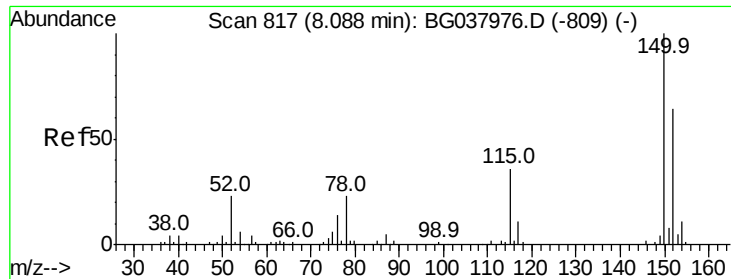
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038236.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	146738	85.234	nq	100
43) 2,4,6-Trichlorophenol	13.15	196	97965	44.715	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	104134	45.174	nq	96
46) 1,1'-Biphenyl	13.56	154	329103	40.715	nq	100
47) 2-Chloronaphthalene	13.60	162	263639	42.742	nq	98
48) 2-Nitroaniline	13.81	65	94211	48.530	nq	99
49) Acenaphthylene	14.44	152	430386	46.400	nq	100
50) Dimethylphthalate	14.17	163	340680	44.664	nq	100
51) 2,6-Dinitrotoluene	14.30	165	76611	44.377	nq	94
52) Acenaphthene	14.78	154	247530	44.328	nq	99
53) 3-Nitroaniline	14.64	138	68528	35.974	nq	# 98
54) 2,4-Dinitrophenol	14.84	184	51059	57.725	nq	# 83
55) Dibenzofuran	15.12	168	402100	43.548	nq	99
56) 4-Nitrophenol	14.93	139	123731	84.216	nq	86
57) 2,4-Dinitrotoluene	15.08	165	110392	46.998	nq	# 94
58) Fluorene	15.77	166	324700	47.131	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	91056	47.206	nq	96
60) Diethylphthalate	15.52	149	355036	43.822	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	171059	42.434	nq	99
62) 4-Nitroaniline	15.80	138	86131	45.514	nq	91
63) Azobenzene	16.05	77	333572	46.049	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	53254	37.171	nq	92
66) n-Nitrosodiphenylamine	15.97	169	295152	43.072	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	107289	43.155	nq	94
68) Hexachlorobenzene	16.76	284	110605	43.101	nq	95
69) Atrazine	16.91	200	111166	44.008	nq	99
70) Pentachlorophenol	17.11	266	122200	70.115	nq	95
71) Phenanthrene	17.51	178	543492	46.865	nq	99
72) Anthracene	17.60	178	554626	48.517	nq	99
73) Carbazole	17.87	167	506452	44.158	nq	100
74) Di-n-butylphthalate	18.41	149	616383	47.876	nq	98
75) Fluoranthene	19.51	202	655190	49.519	nq	99
77) Benzidine	19.70	184	201666	26.756	nq	99
78) Pyrene	19.88	202	651951	46.422	nq	99
80) Butylbenzylphthalate	20.75	149	286712	46.683	nq	99
81) Benzo(a)anthracene	21.73	228	613629	47.272	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	173467	34.306	nq	94
83) Chrysene	21.80	228	578921	46.613	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	404458	46.178	nq	99
85) Di-n-octyl phthalate	22.84	149	689602	48.667	nq	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	571843	41.456	nq	97
88) Benzo(b)fluoranthene	24.01	252	599850	54.550	nq	99
89) Benzo(k)fluoranthene	24.08	252	589131	54.294	nq	99
90) Benzo(a)pyrene	24.91	252	585355	55.700	nq	98
91) Dibenzo(a,h)anthracene	28.94	278	466652	46.151	nq	99
92) Benzo(g,h,i)perylene	30.08	276	478766	47.619	nq	96

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

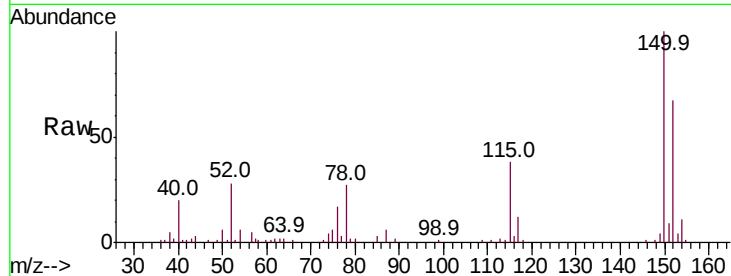


#1

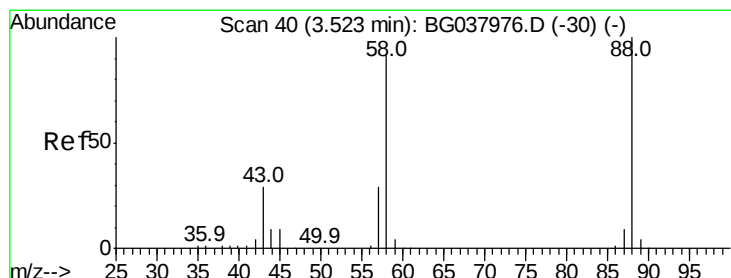
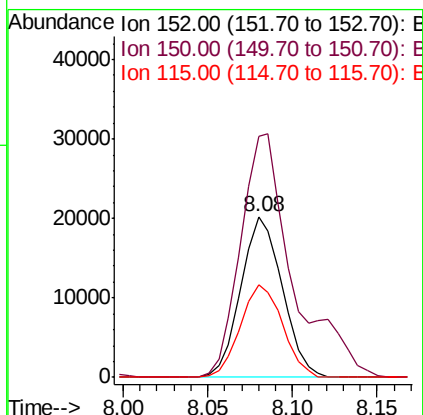
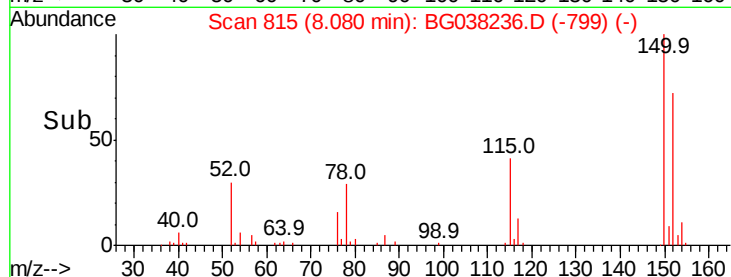
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:152 Resp: 34391
Ion Ratio Lower Upper
152 100
150 150.3 126.0 189.0
115 57.6 45.5 68.3



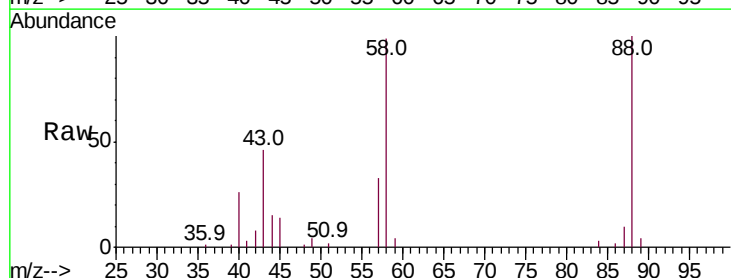
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



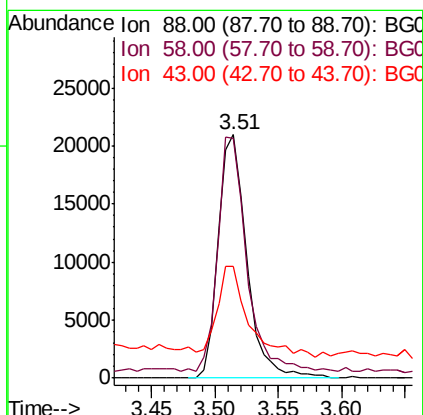
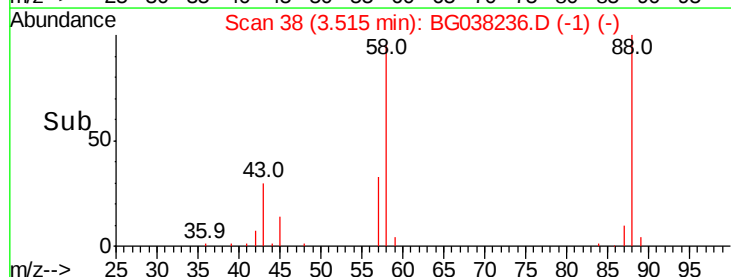
#2

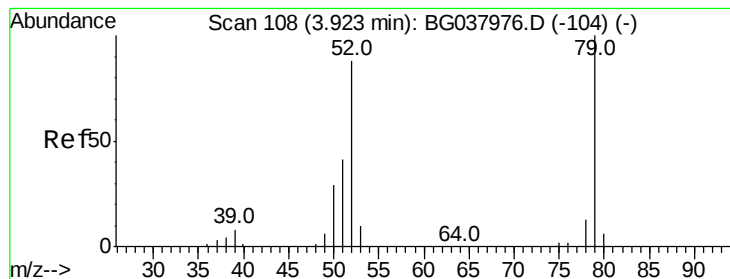
1,4-Dioxane
Concen: 35.090 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion: 88 Resp: 33014
Ion Ratio Lower Upper
88 100
58 96.8 74.4 111.6
43 40.3 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: 34.164 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

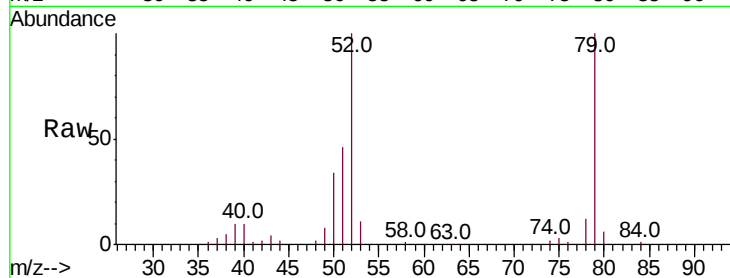
Tot Ion: 79 Resp: 91691

Ion Ratio Lower Upper

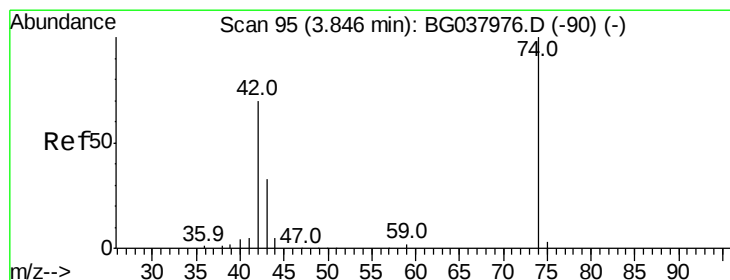
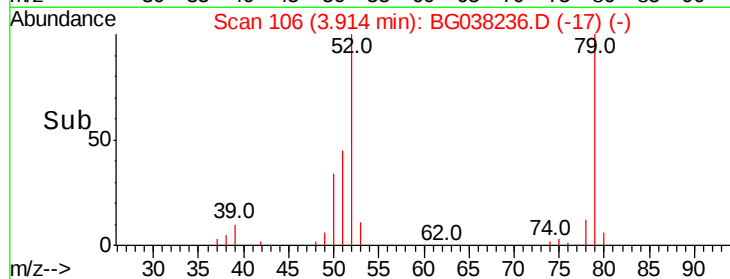
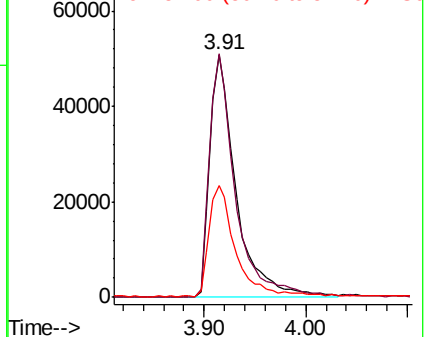
79 100

52 100.3 74.2 111.2

51 45.8 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: 55.394 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

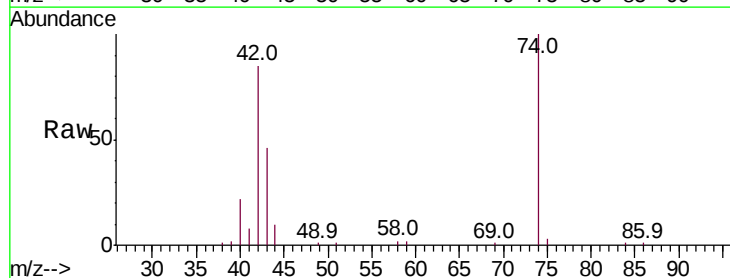
Tgt Ion: 42 Resp: 53936

Ion Ratio Lower Upper

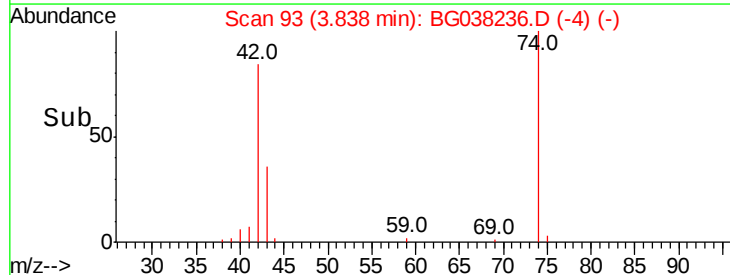
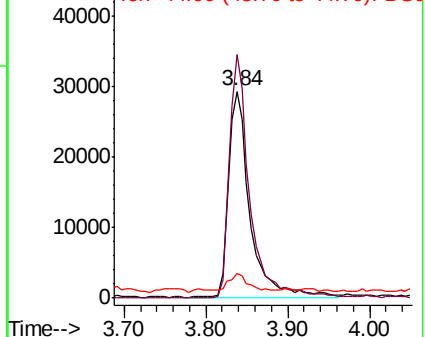
42 100

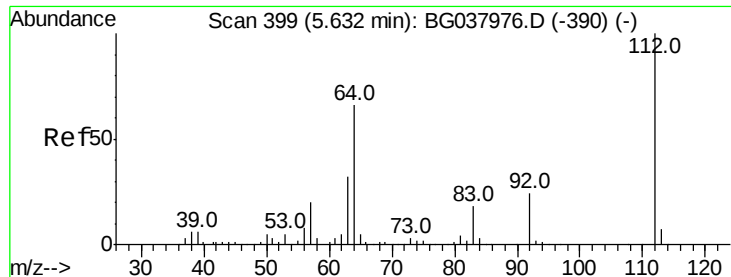
74 117.7 102.0 153.0

44 12.1 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: 154.837 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

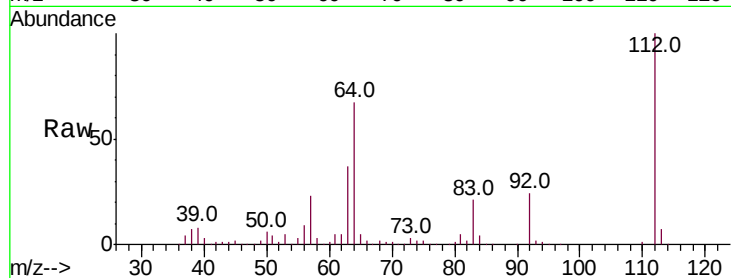
Tot Ion:112 Resp: 308415

Ion Ratio Lower Upper

112 100

64 67.5 53.1 79.7

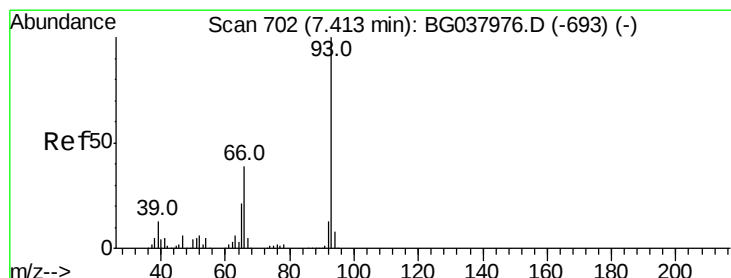
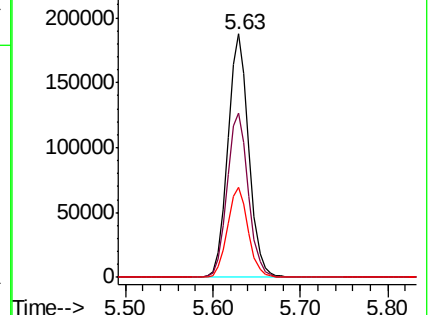
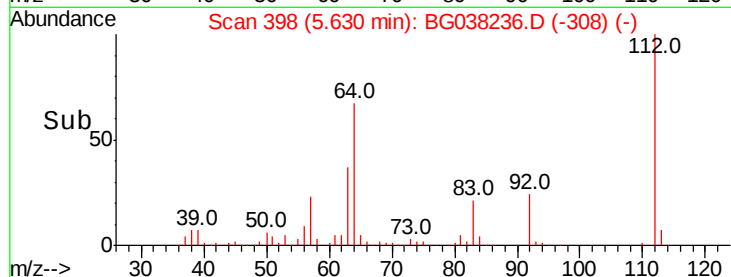
63 36.9 27.3 40.9



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: 33.767 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

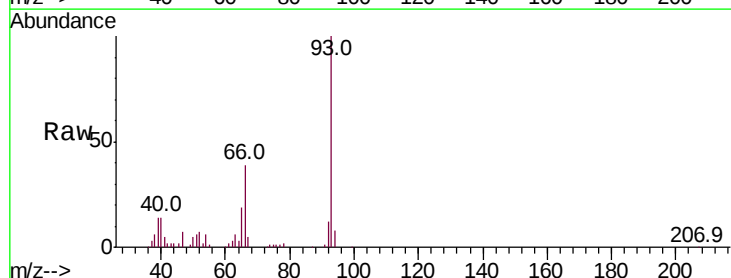
Tgt Ion: 93 Resp: 123913

Ion Ratio Lower Upper

93 100

66 39.4 32.8 49.2

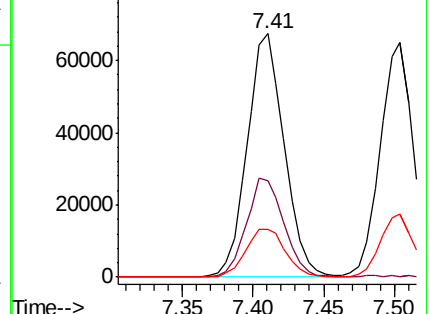
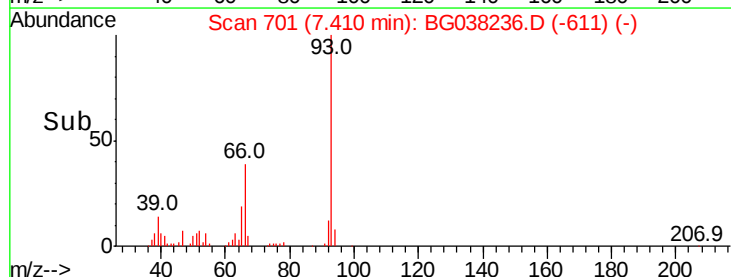
65 19.5 16.4 24.6

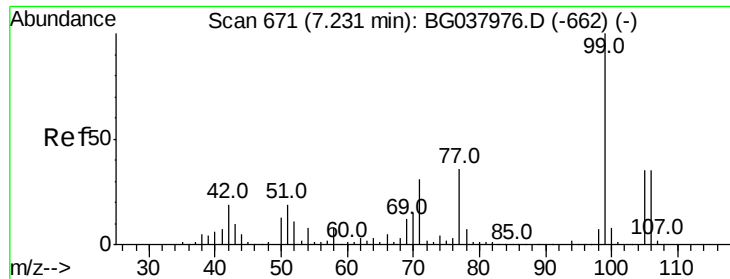


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.726 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

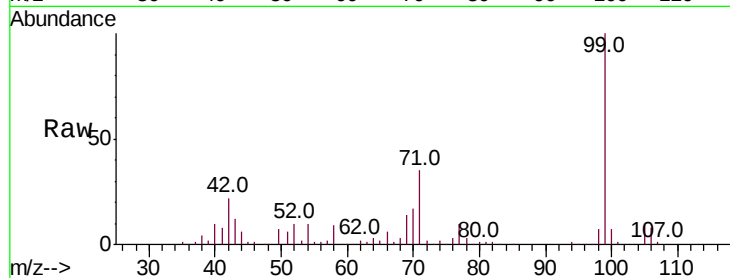
Tot Ion: 99 Resp: 411498

Ion Ratio Lower Upper

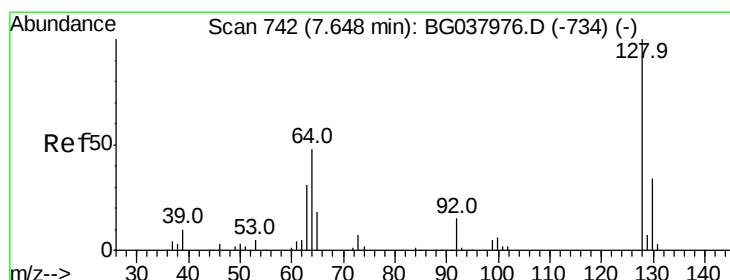
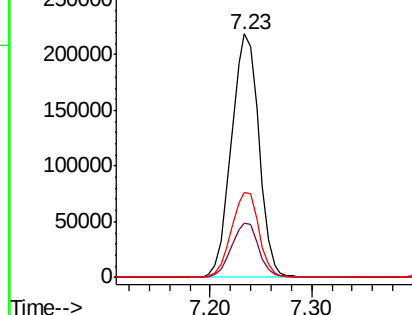
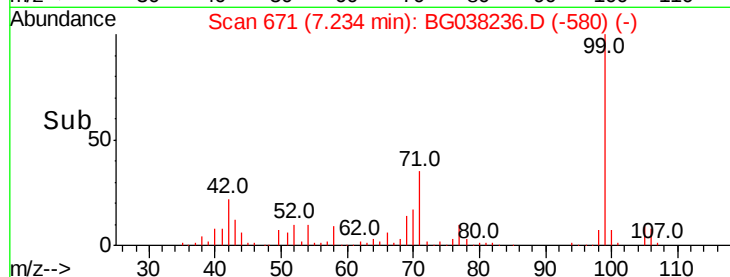
99 100

42 22.4 15.0 22.4

71 35.1 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: 49.598 ng

RT: 7.65 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

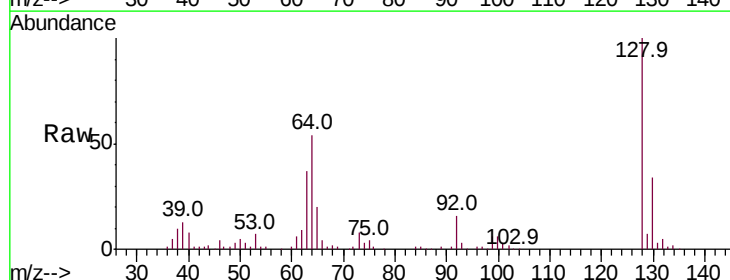
Tgt Ion:128 Resp: 114633

Ion Ratio Lower Upper

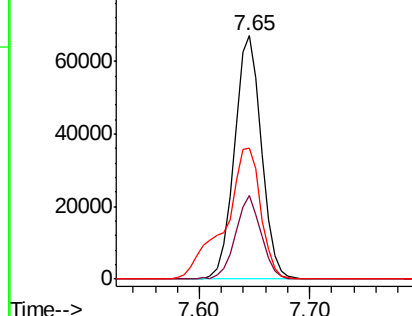
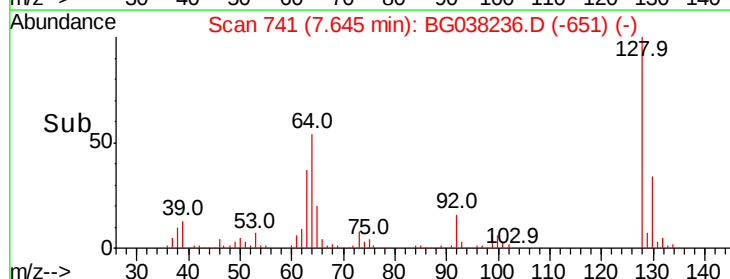
128 100

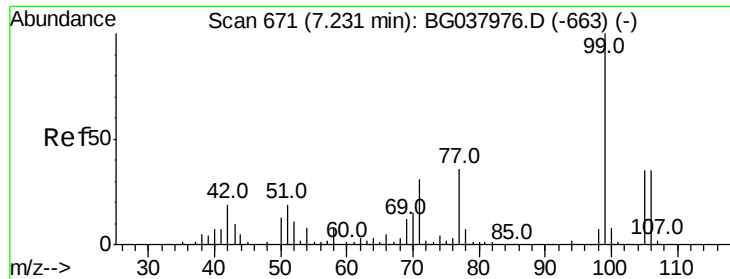
130 34.1 12.0 52.0

64 53.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 27.809 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

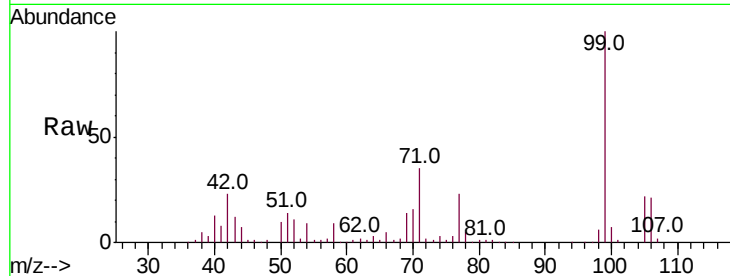
Tot Ion: 77 Resp: 57180

Ion Ratio Lower Upper

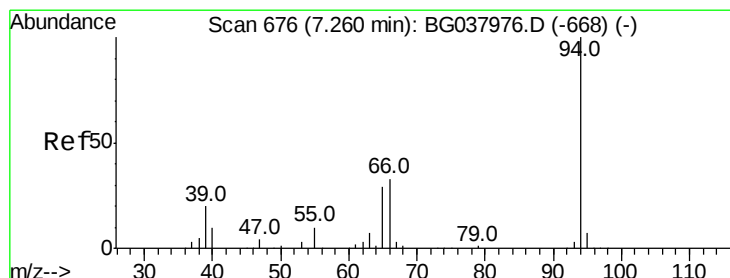
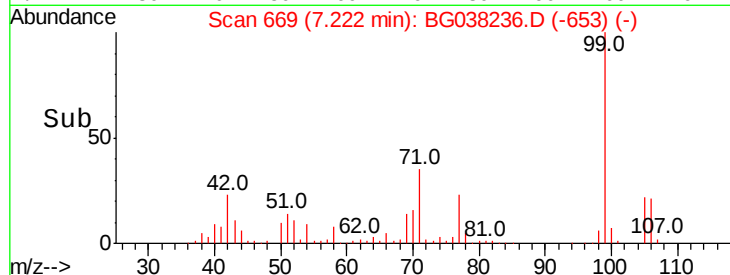
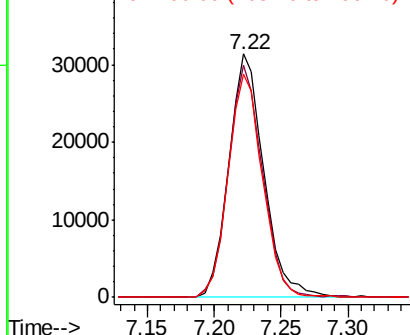
77 100

105 95.2 72.6 112.6

106 91.7 71.3 111.3



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



#10

Phenol

Concen: 49.587 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

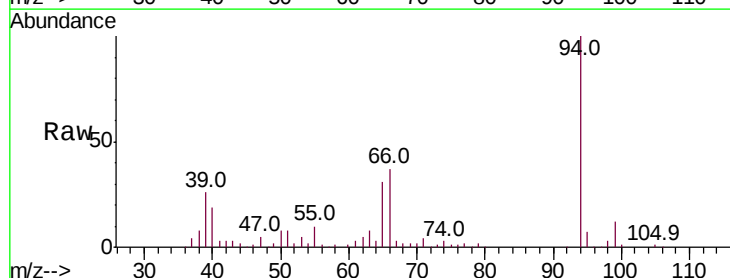
Tgt Ion: 94 Resp: 149338

Ion Ratio Lower Upper

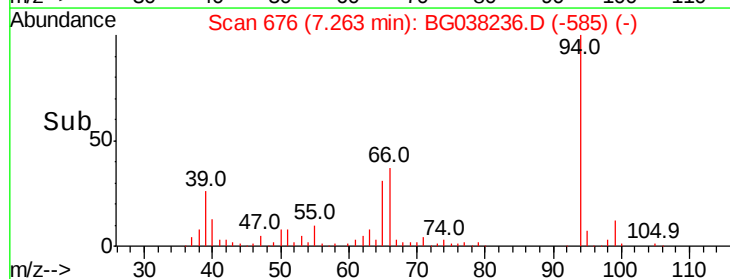
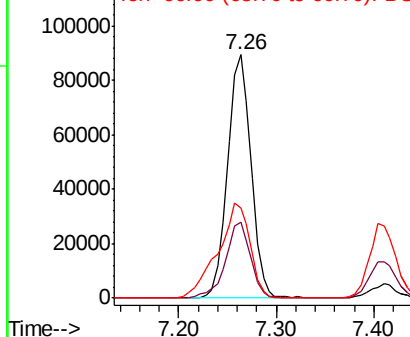
94 100

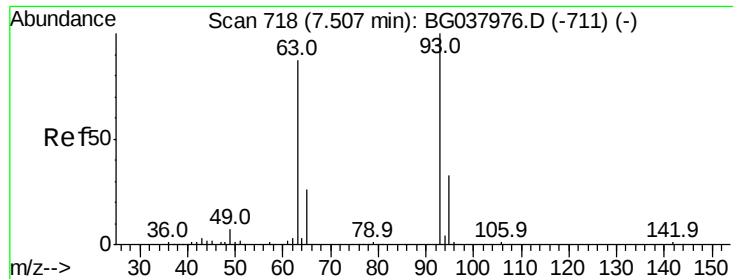
65 31.4 9.7 49.7

66 36.8 15.9 55.9



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



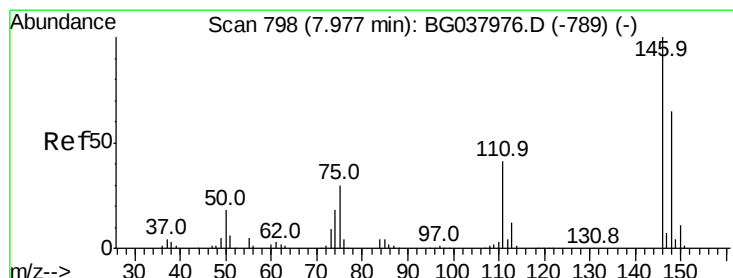
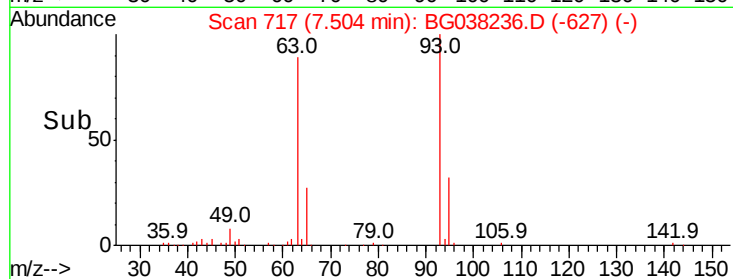
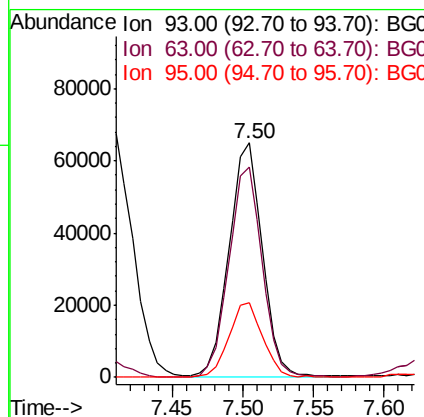
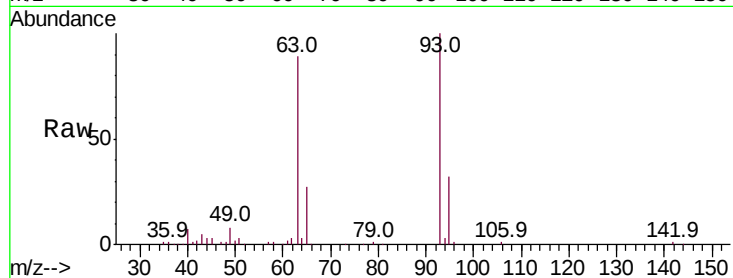


#11
 bis(2-Chloroethyl)ether
 Concen: 43.640 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

Tot Ion: 93 Resp: 107297

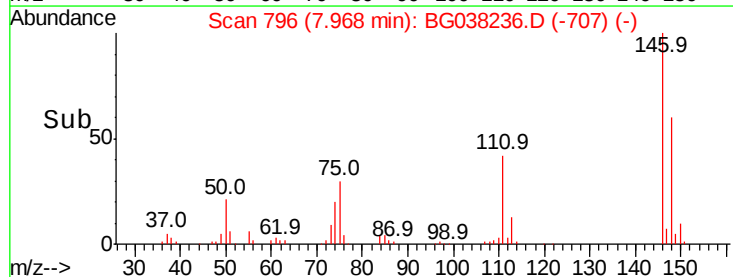
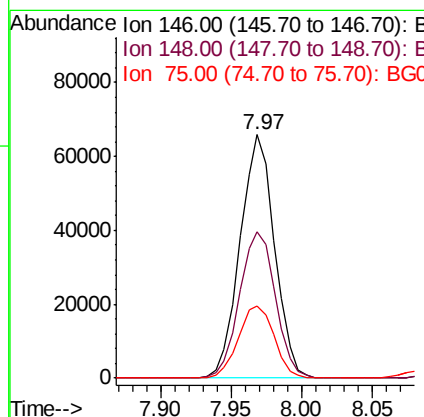
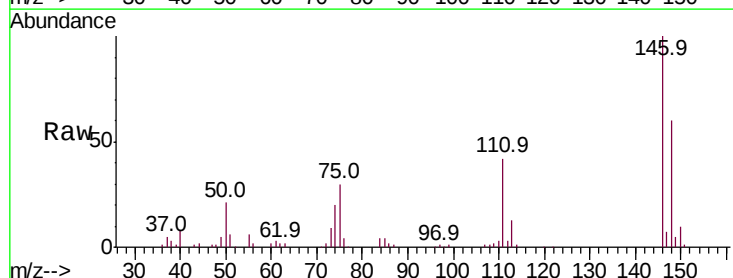
Ion	Ratio	Lower	Upper
93	100		
63	89.5	69.5	109.5
95	31.6	12.6	52.6

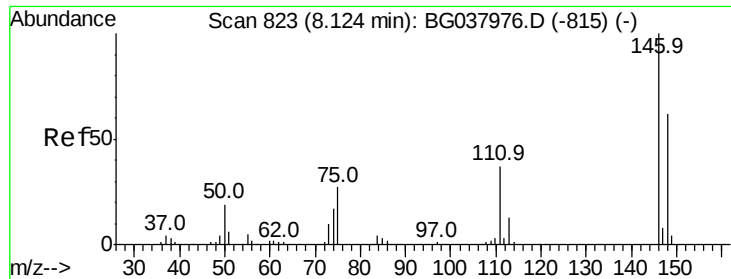


#12
 1,3-Dichlorobenzene
 Concen: 42.203 ng
 RT: 7.97 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion: 146 Resp: 112370

Ion	Ratio	Lower	Upper
146	100		
148	60.2	49.8	74.8
75	29.9	23.2	34.8

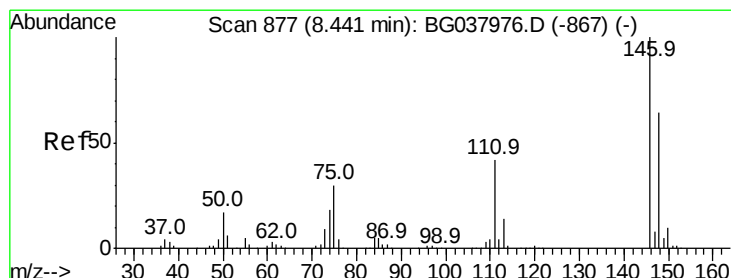
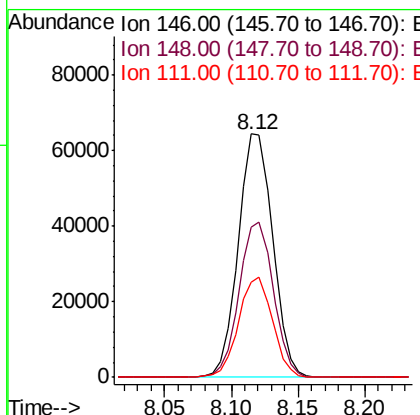
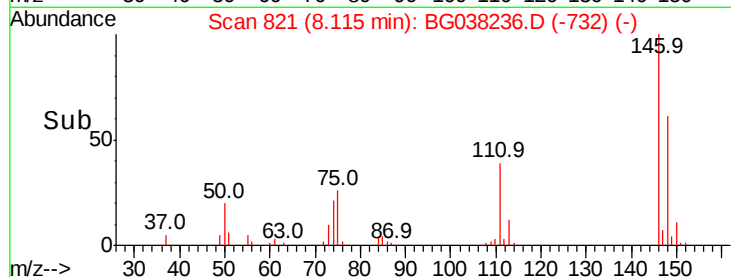
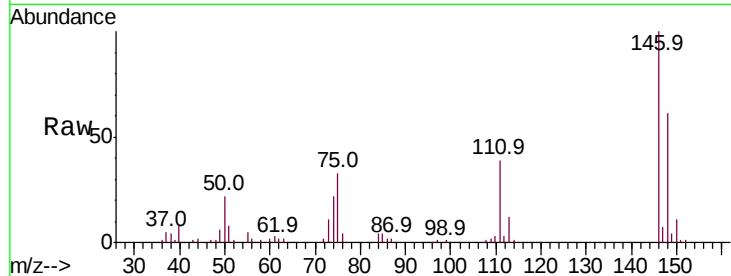




#13
 1,4-Dichlorobenzene
 Concen: 42.795 ng
 RT: 8.12 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

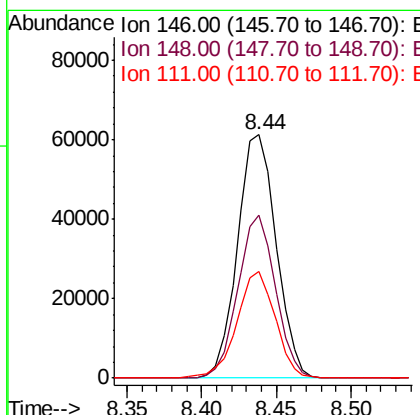
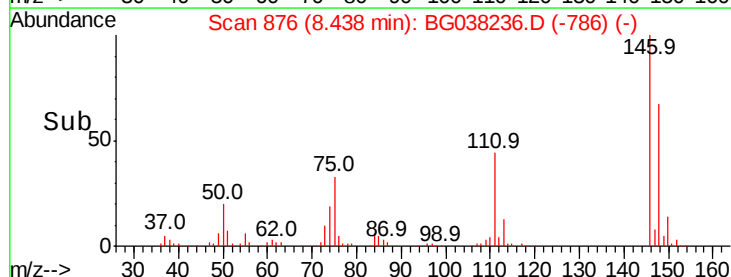
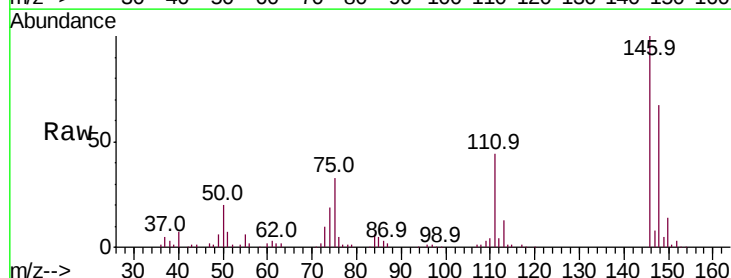
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

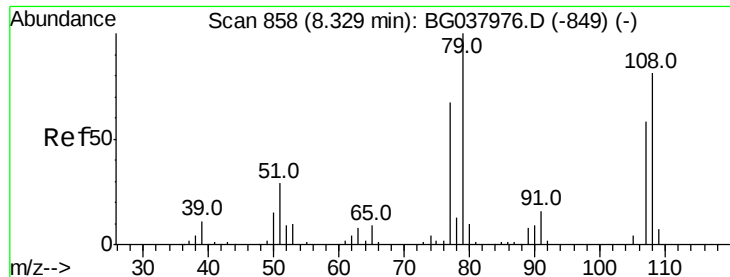
Tot Ion:146 Resp: 115103
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.0 76.6
 111 38.9 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 42.942 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion:146 Resp: 110270
 Ion Ratio Lower Upper
 146 100
 148 67.1 50.4 75.6
 111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 51.167 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

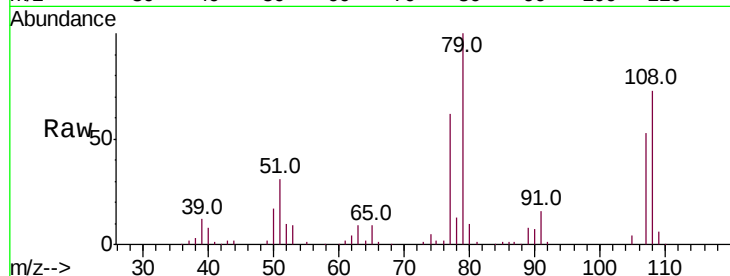
Tot Ion: 79 Resp: 105270

Ion Ratio Lower Upper

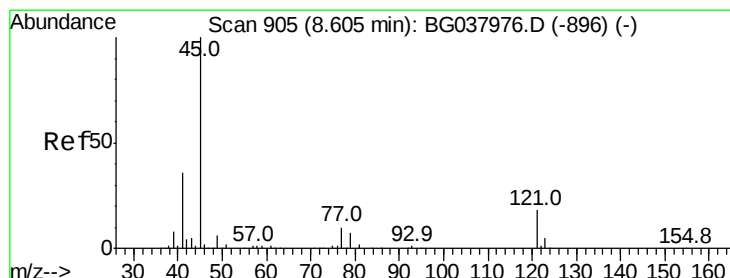
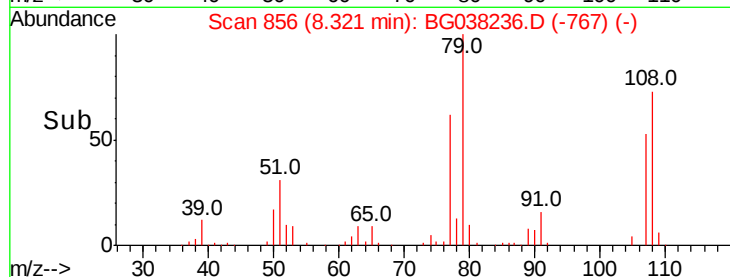
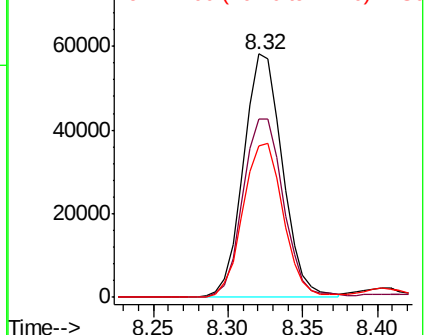
79 100

108 73.3 65.8 98.8

77 62.5 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: 50.765 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

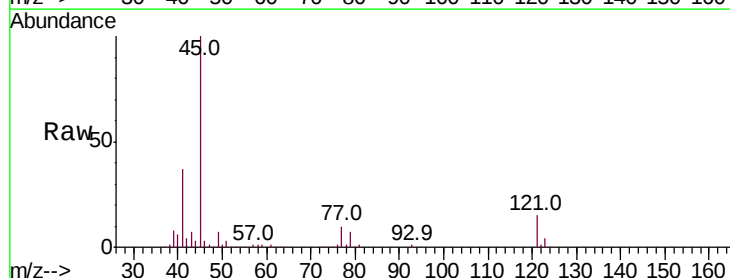
Tgt Ion: 45 Resp: 231767

Ion Ratio Lower Upper

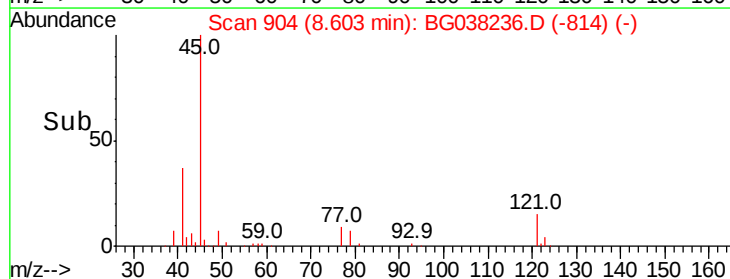
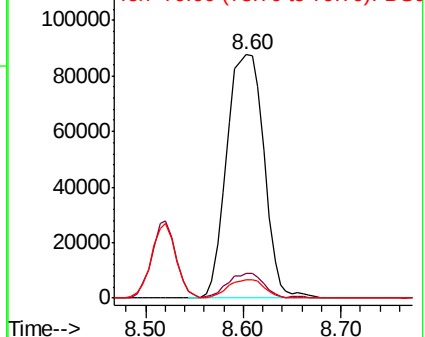
45 100

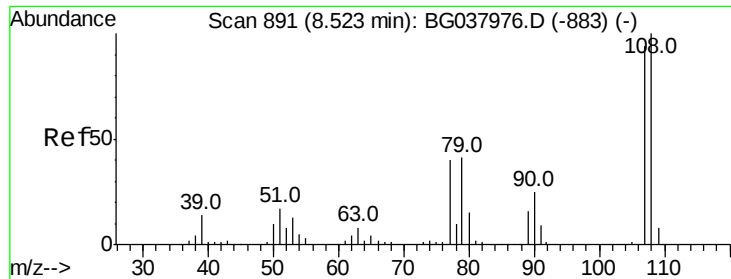
77 10.1 0.0 30.0

79 7.4 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

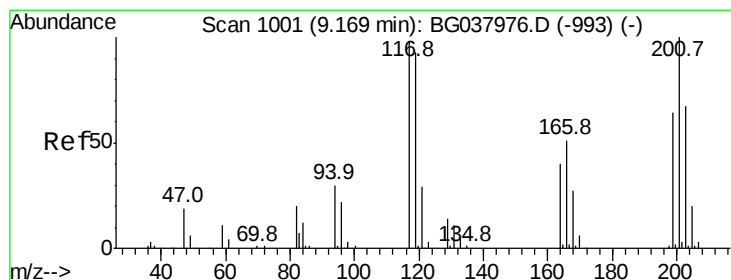
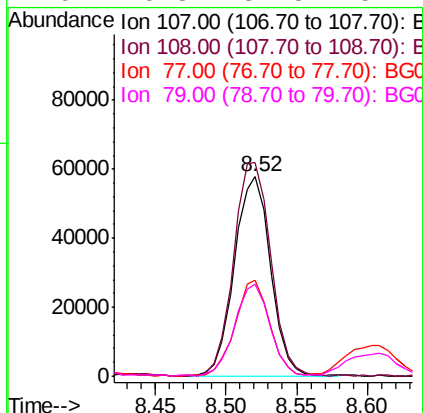
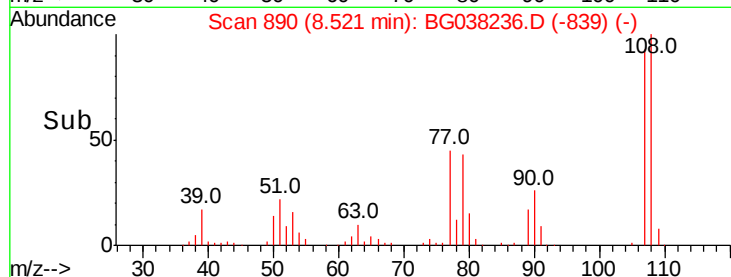
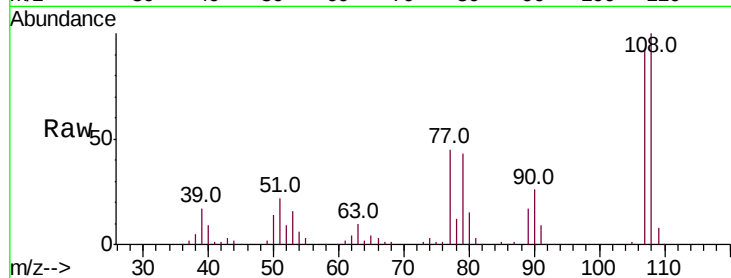




#17
2-Methylphenol
Concen: 50.902 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

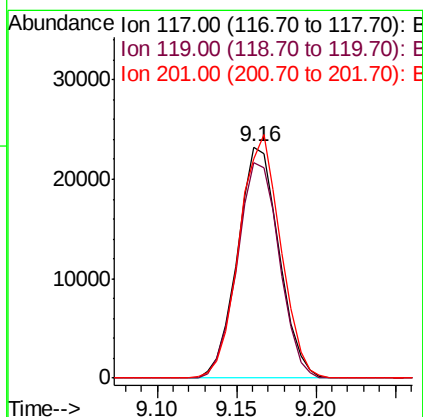
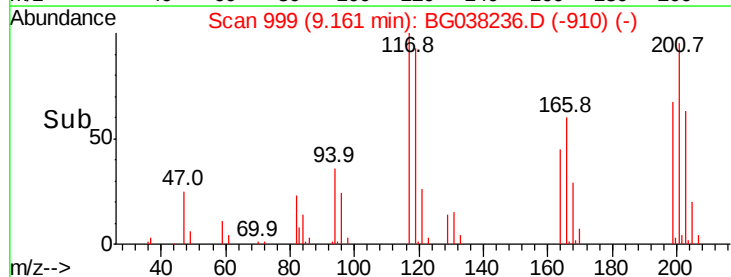
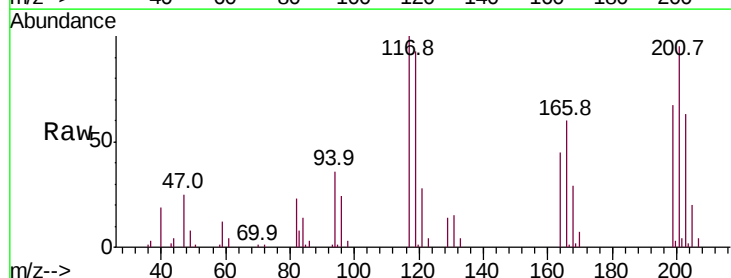
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

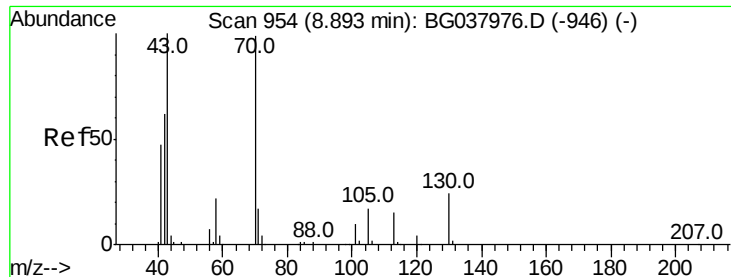
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	87.9	131.9
77	48.4	35.1	52.7
79	46.3	34.5	51.7



#18
Hexachloroethane
Concen: 43.184 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.6	111.8
201	99.2	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.529 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

Tot Ion: 70 Resp: 89554

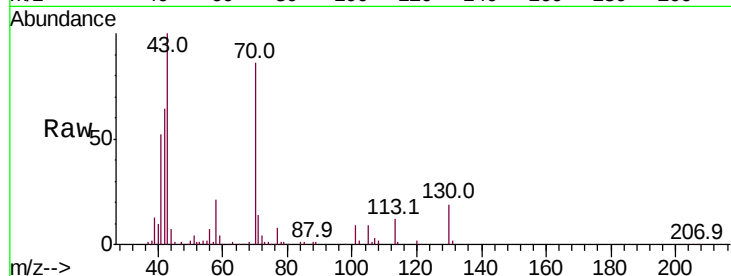
Ion Ratio Lower Upper

70 100

42 74.0 53.9 80.9

101 11.0 8.2 12.2

130 22.1 18.2 27.4

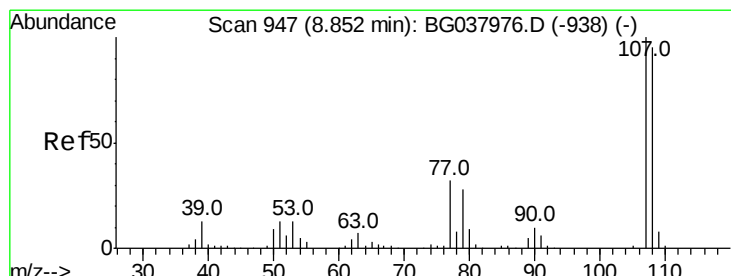
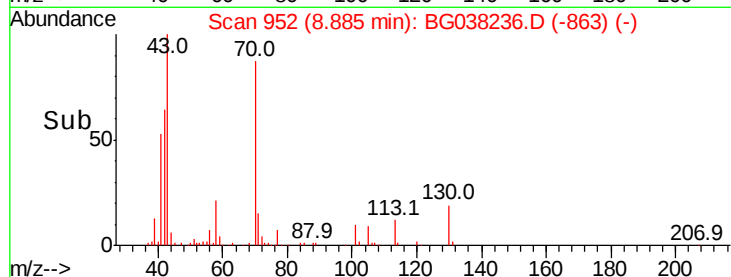
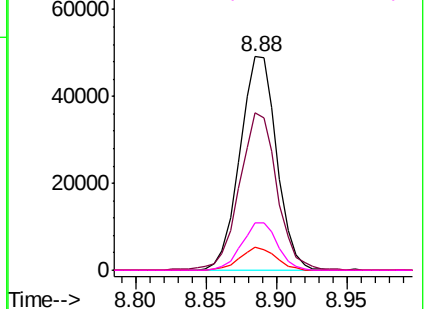


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 48.118 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Tgt Ion: 107 Resp: 138890

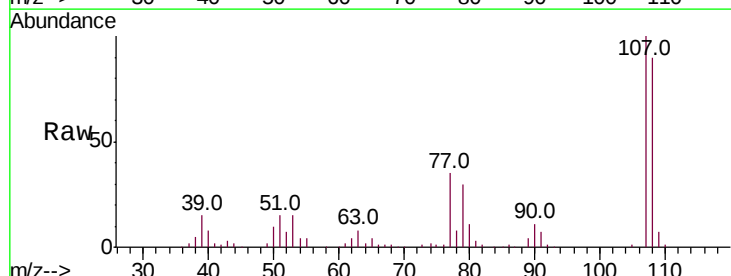
Ion Ratio Lower Upper

107 100

108 90.2 69.9 109.9

77 34.8 11.2 51.2

79 30.4 6.6 46.6

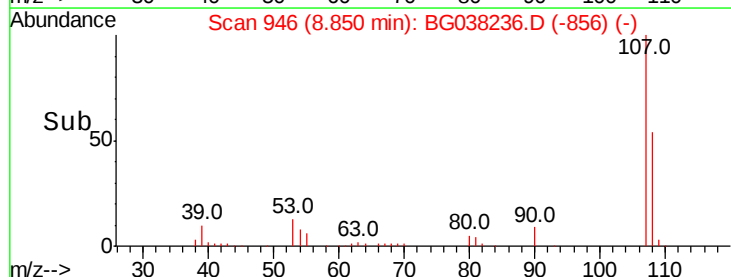
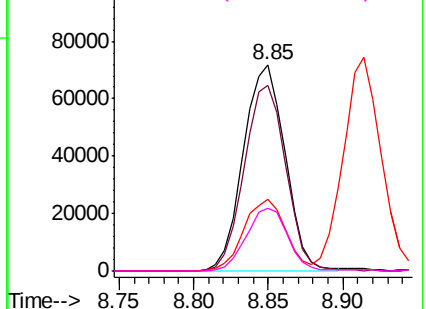


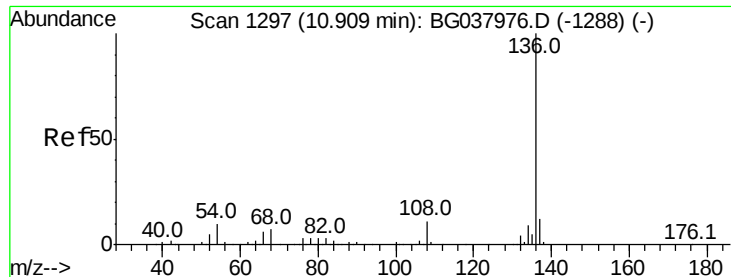
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

Tot Ion:136 Resp: 154827

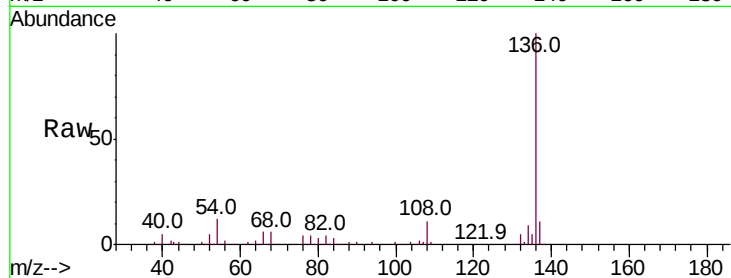
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 11.6 7.9 11.9

68 5.8 4.8 7.2

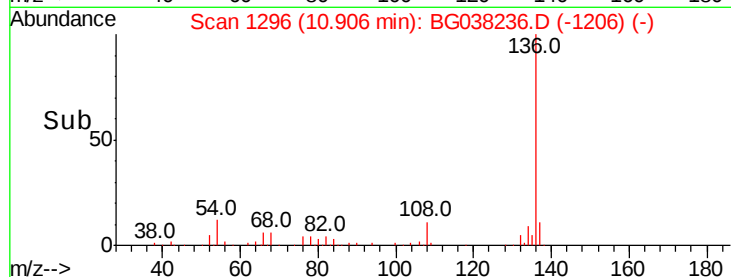


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

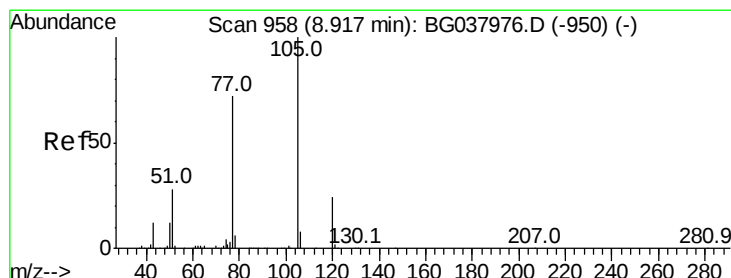
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.91



#22

Acetophenone

Concen: 43.512 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Tgt Ion:105 Resp: 167617

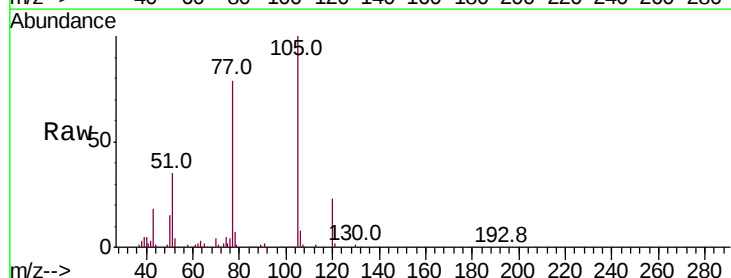
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 34.7 25.0 37.6

120 23.5 18.6 28.0

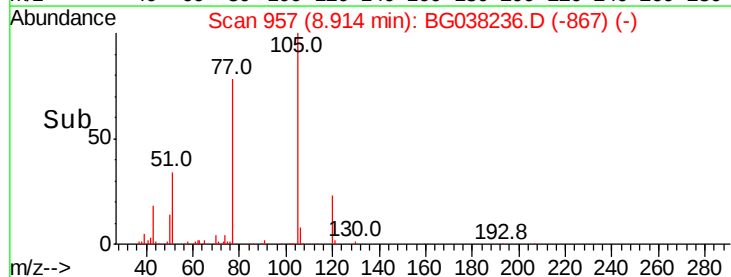


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

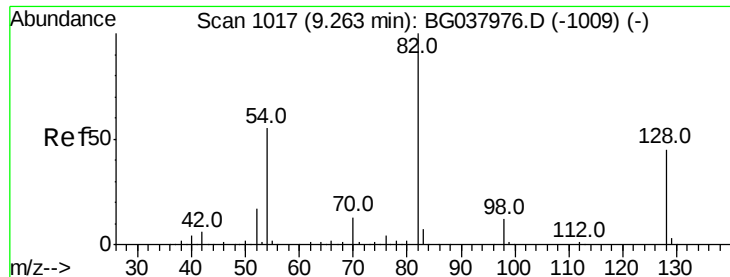
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

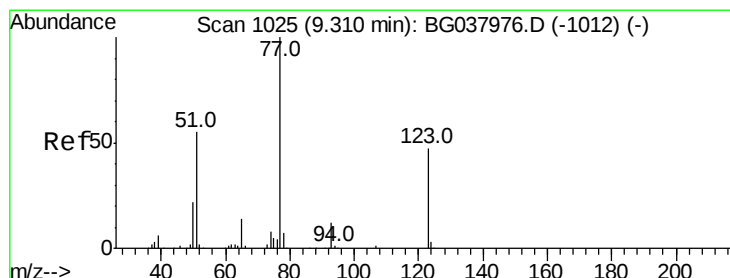
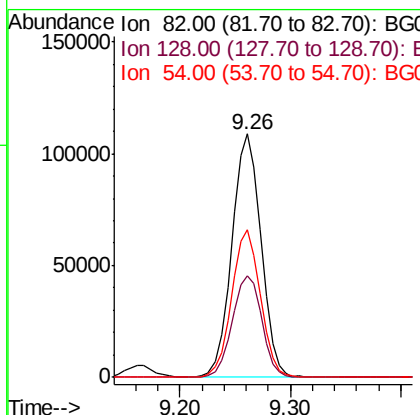
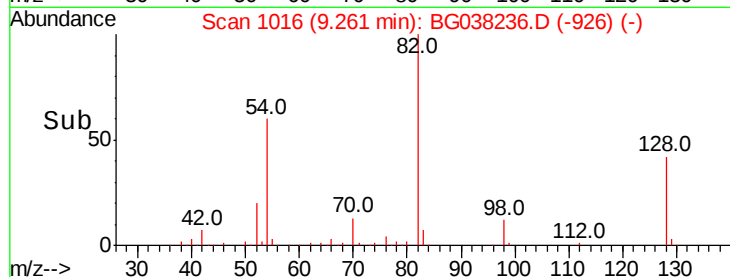
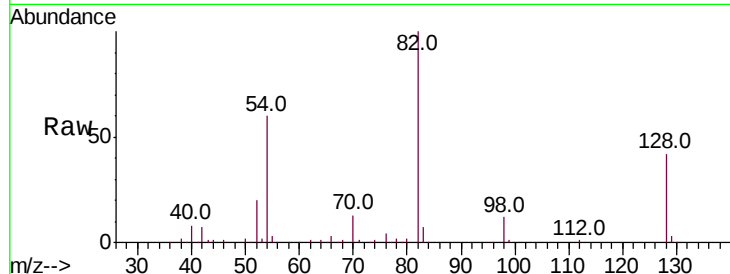
8.91



#23
 Nitrobenzene-d5
 Concen: 69.654 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

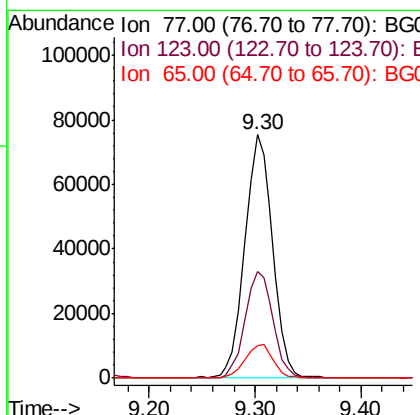
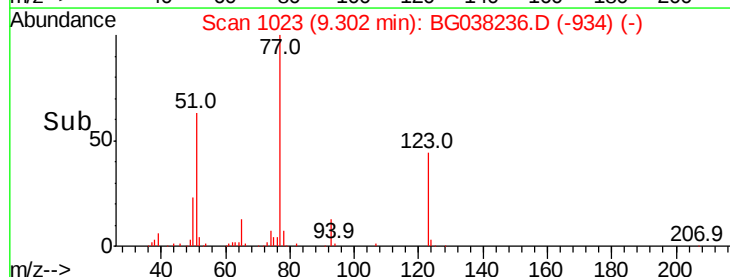
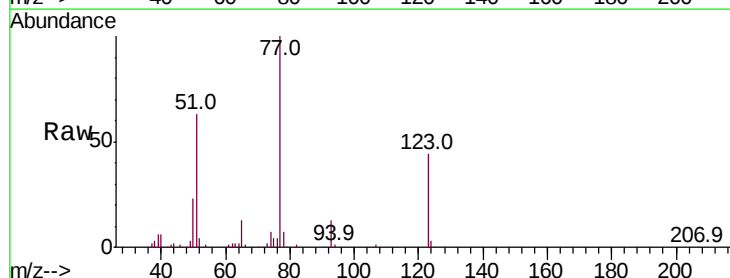
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

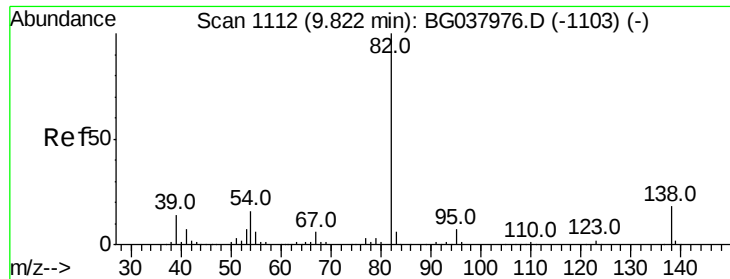
Tot Ion: 82 Resp: 201462
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 60.5 45.3 67.9



#24
 Nitrobenzene
 Concen: 46.537 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion: 77 Resp: 137691
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.6 50.4
 65 13.1 11.3 16.9





#25

Isophorone

Concen: 47.893 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

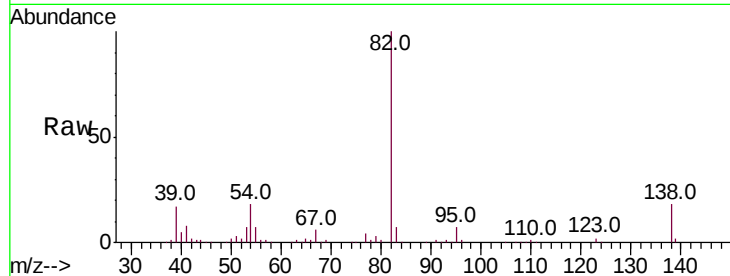
Tot Ion: 82 Resp: 249328

Ion Ratio Lower Upper

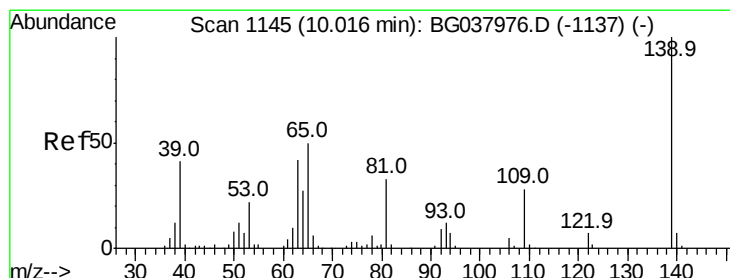
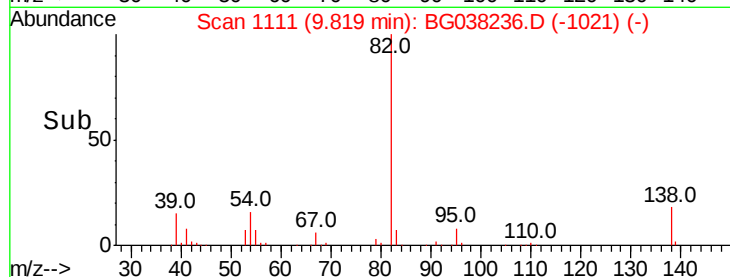
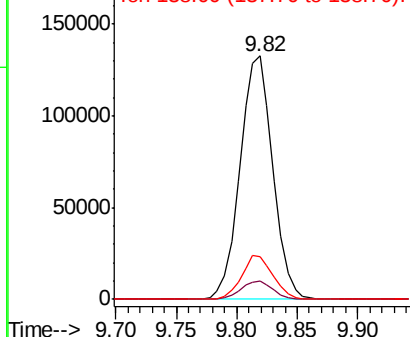
82 100

95 7.3 5.3 7.9

138 17.6 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: 44.222 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

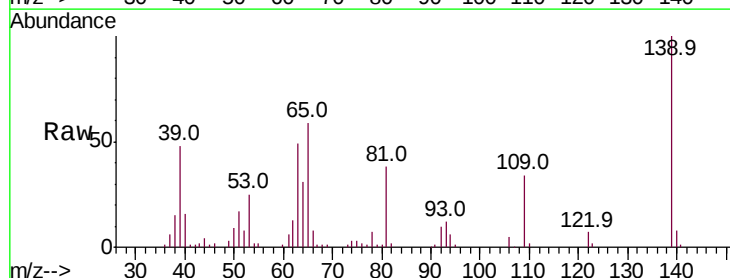
Tgt Ion:139 Resp: 65319

Ion Ratio Lower Upper

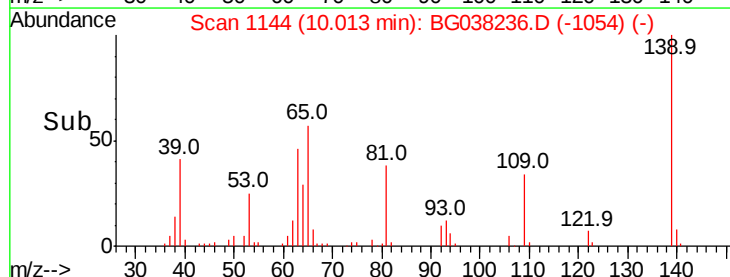
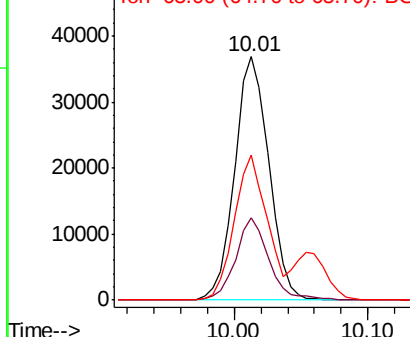
139 100

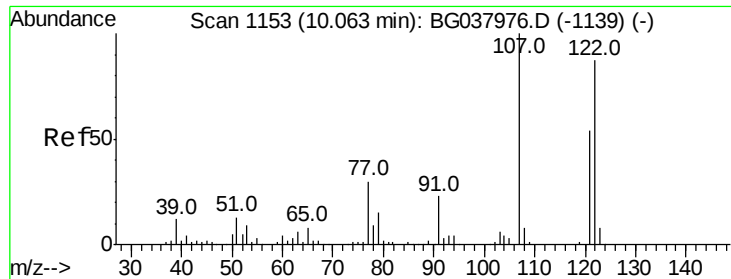
109 34.0 23.3 34.9

65 59.5 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

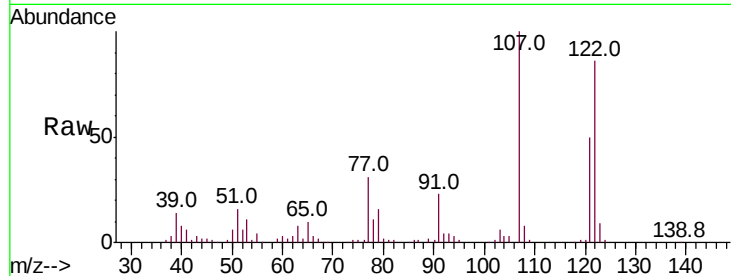




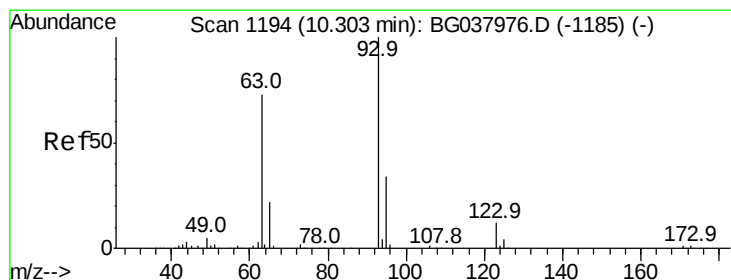
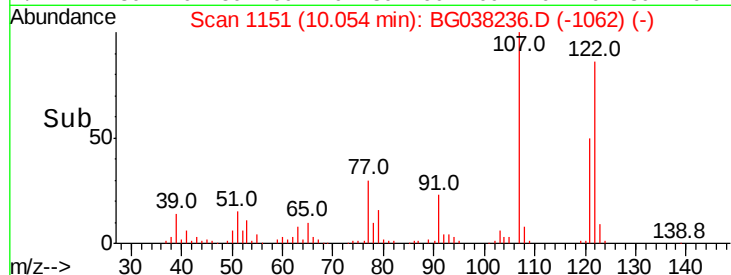
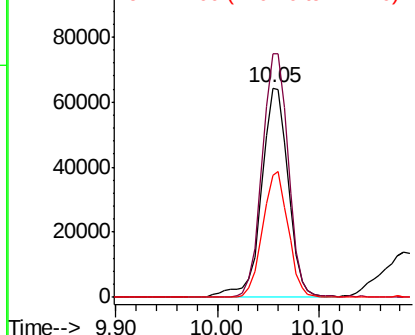
#27
2,4-Dimethylphenol
Concen: 53.069 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:122 Resp: 118104
Ion Ratio Lower Upper
122 100
107 116.1 94.2 141.2
121 58.0 47.3 70.9

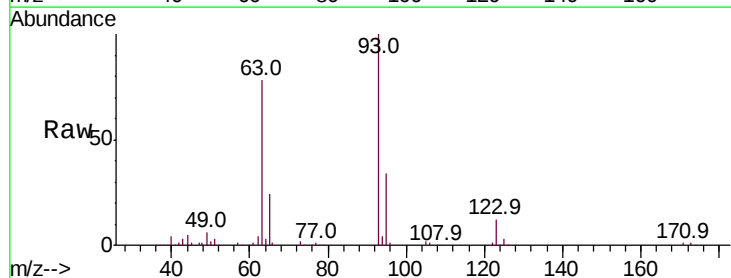


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

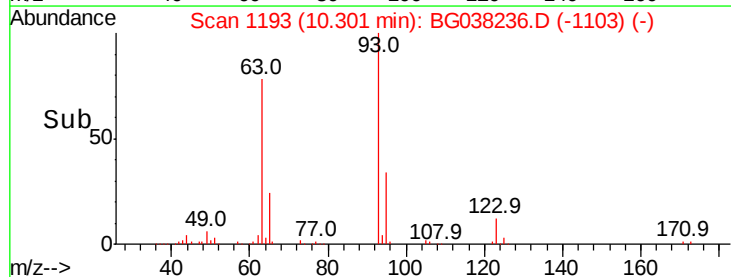
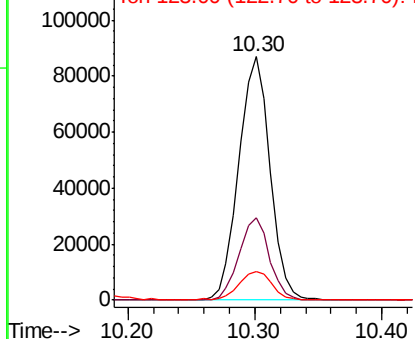


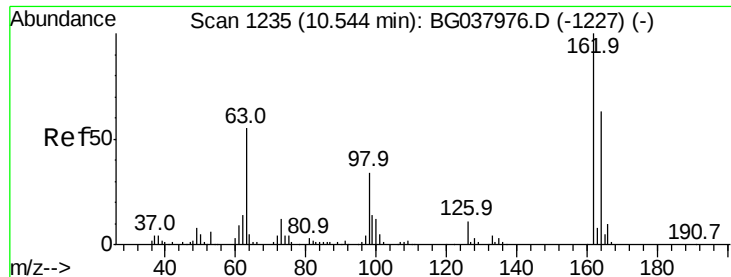
#28
bis(2-Chloroethoxy)methane
Concen: 44.656 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion: 93 Resp: 148656
Ion Ratio Lower Upper
93 100
95 34.0 24.6 37.0
123 11.8 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

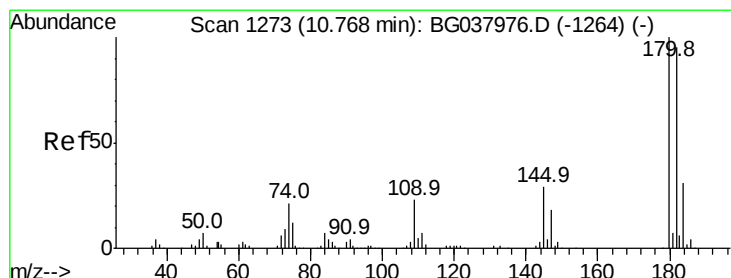
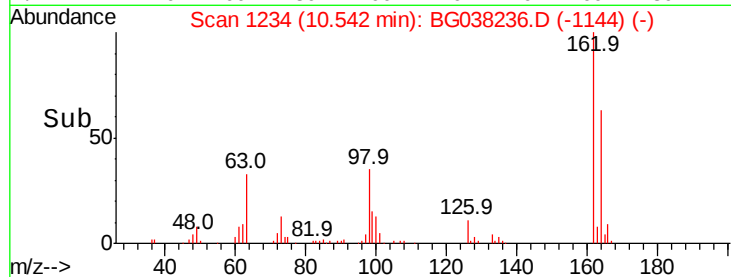
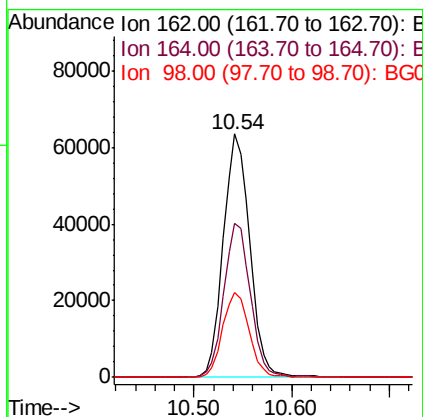
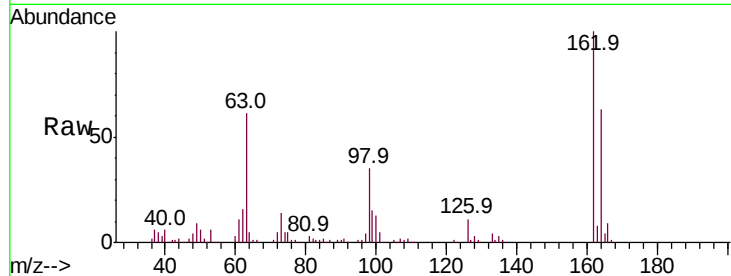




#29
2,4-Dichlorophenol
Concen: 47.790 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

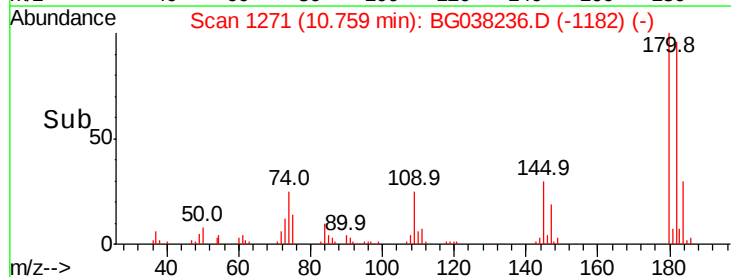
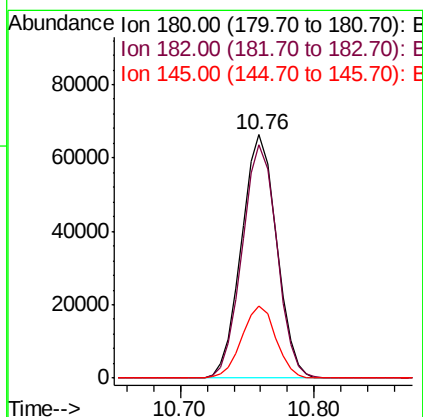
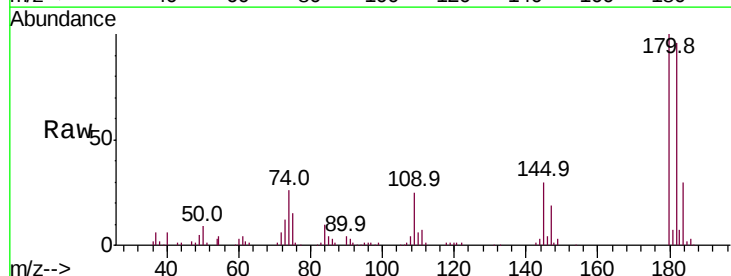
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

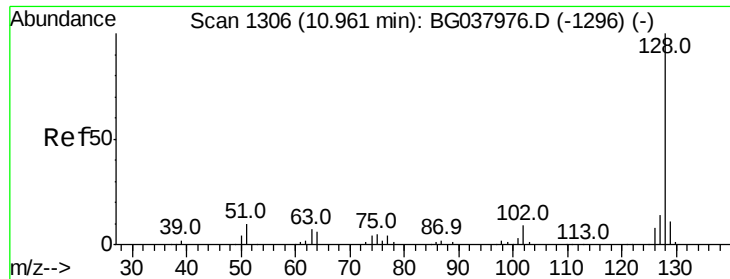
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	35.0	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 43.137 ng
RT: 10.76 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.7	116.5
145	29.7	23.3	34.9

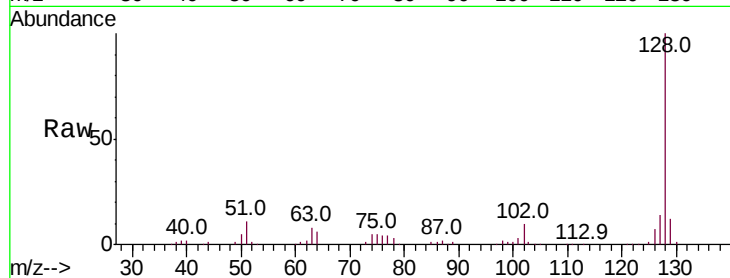




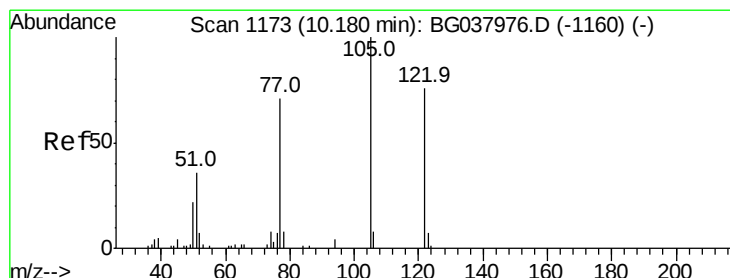
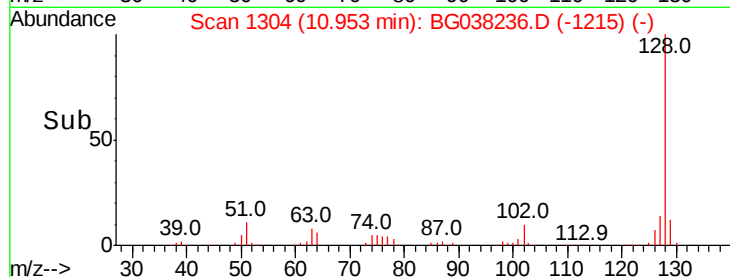
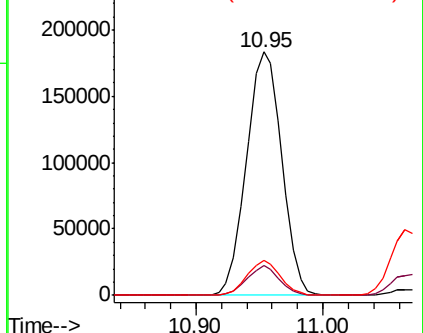
#31
Naphthalene
Concen: 46.610 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:128 Resp: 354947
Ion Ratio Lower Upper
128 100
129 12.4 9.0 13.6
127 14.2 11.1 16.7

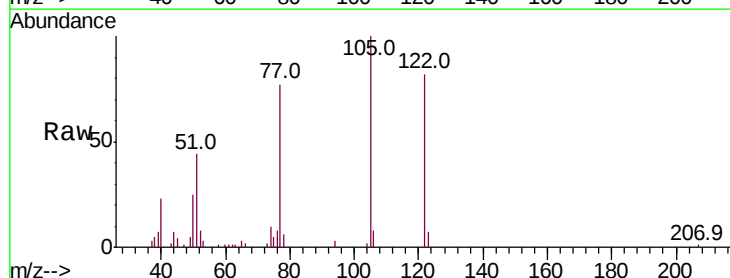


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

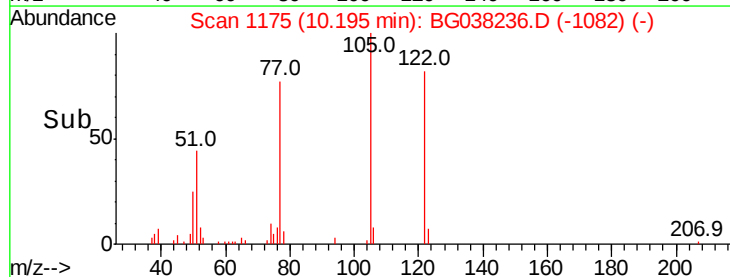
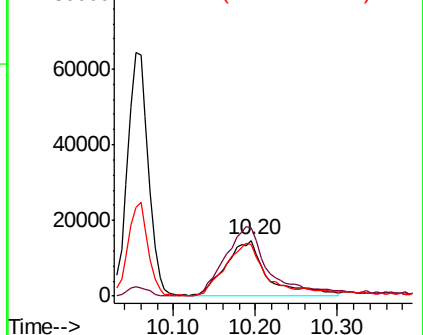


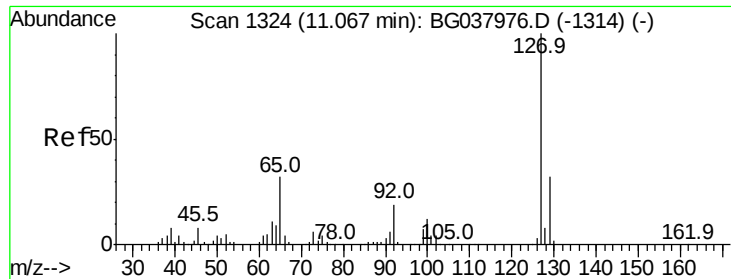
#32
Benzoic acid
Concen: 38.842 ng
RT: 10.20 min Scan# 1175
Delta R.T. 0.02 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:122 Resp: 51123
Ion Ratio Lower Upper
122 100
105 122.2 106.7 146.7
77 93.6 72.2 112.2



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

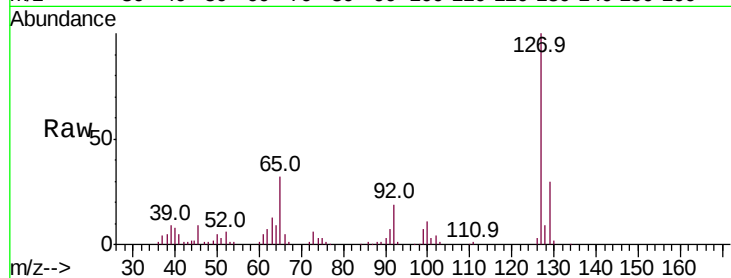




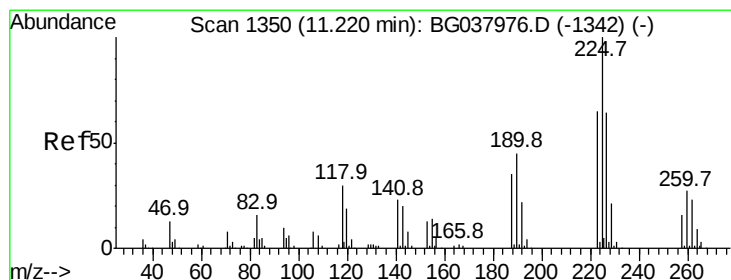
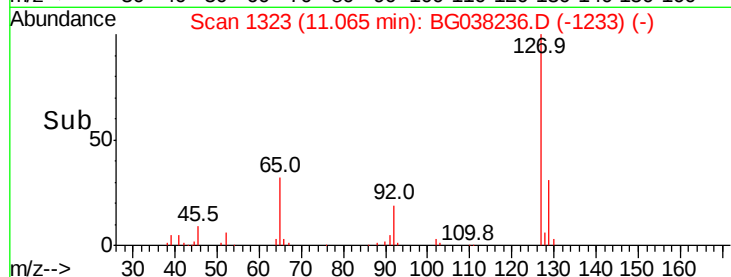
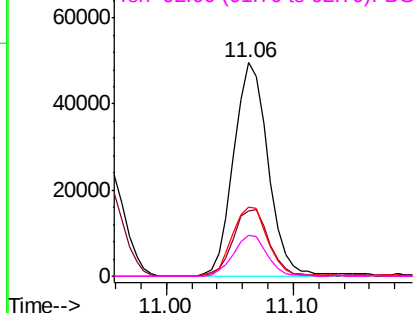
#33
4-Chloroaniline
Concen: 26.456 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:	127	Resp:	93713
Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.1	40.7
65	32.2	26.6	39.8
92	19.0	16.4	24.6

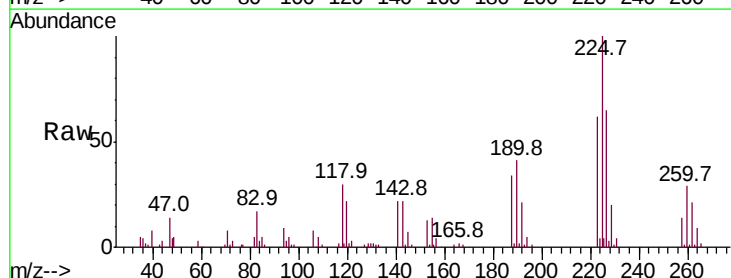


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

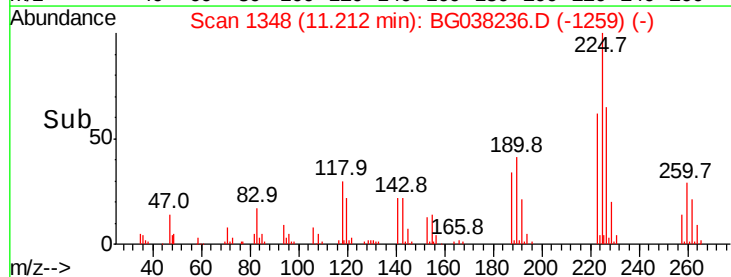
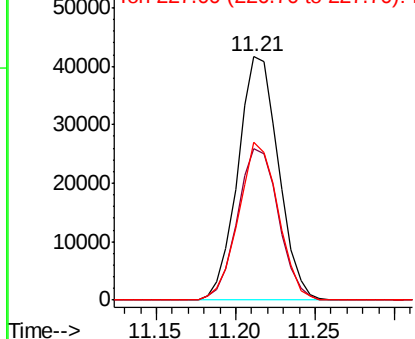


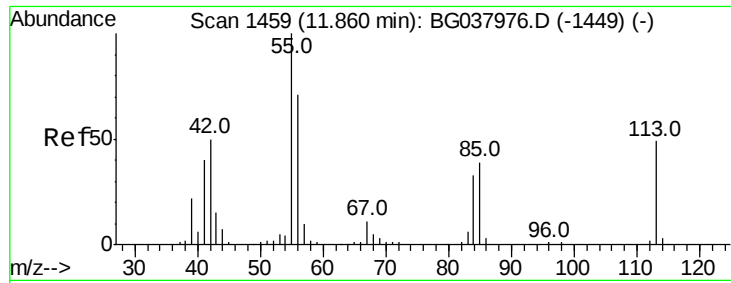
#34
Hexachlorobutadiene
Concen: 42.854 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:	225	Resp:	73984
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.2	72.4
227	65.5	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.665 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleID :

PB115157BSD

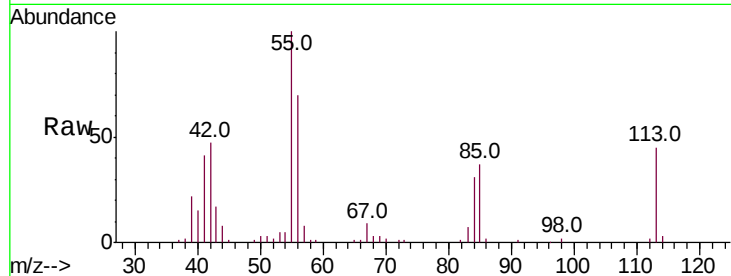
Tot Ion:113 Resp: 41747

Ion Ratio Lower Upper

113 100

55 220.9 176.6 216.6#

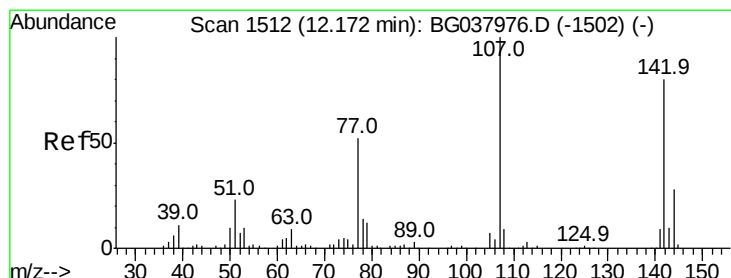
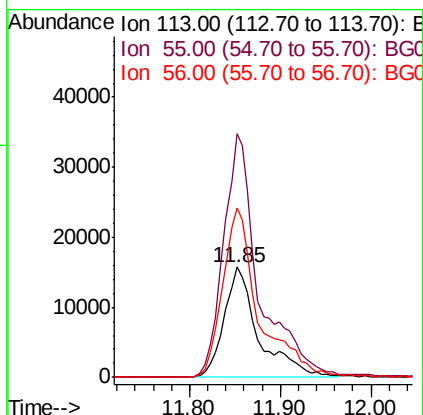
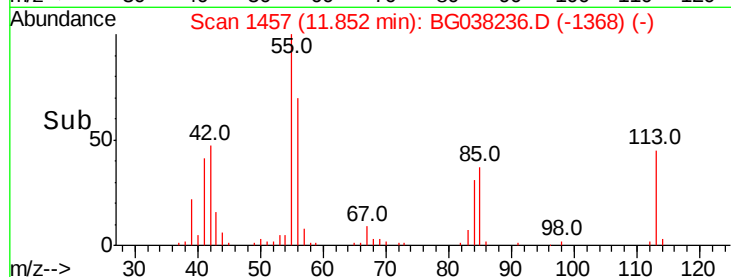
56 154.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.064 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

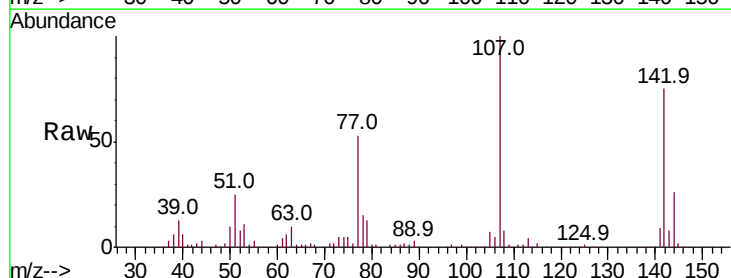
Tgt Ion:107 Resp: 128710

Ion Ratio Lower Upper

107 100

144 26.0 20.7 31.1

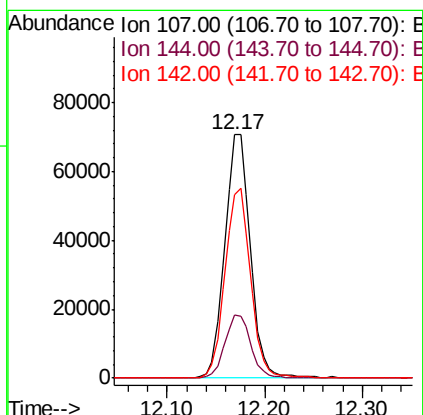
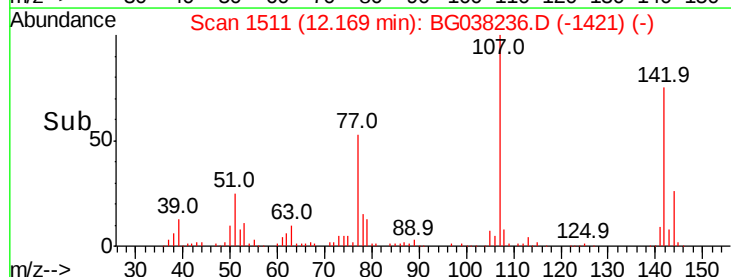
142 75.5 64.4 96.6

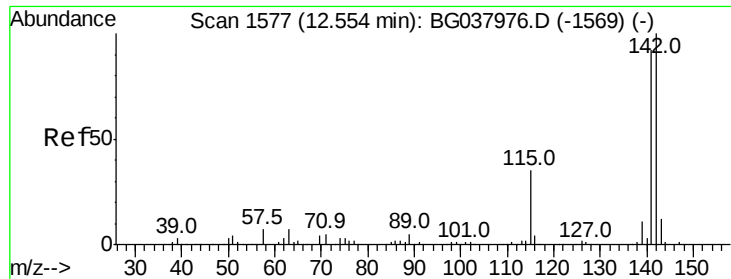


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

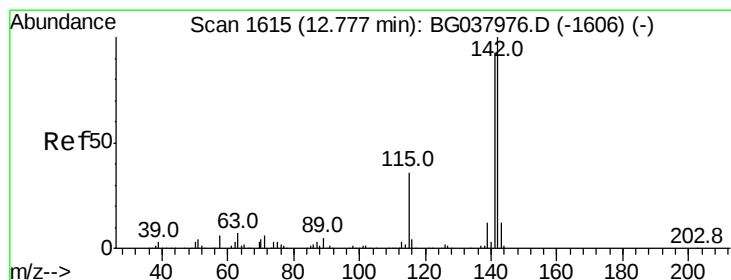
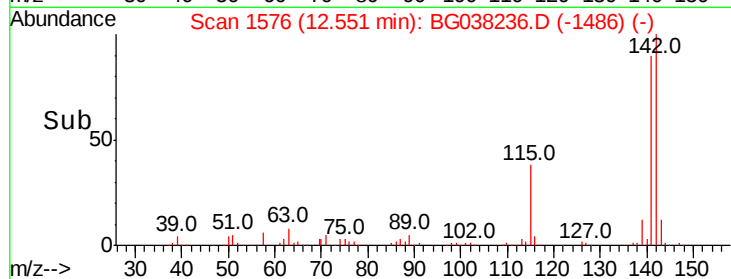
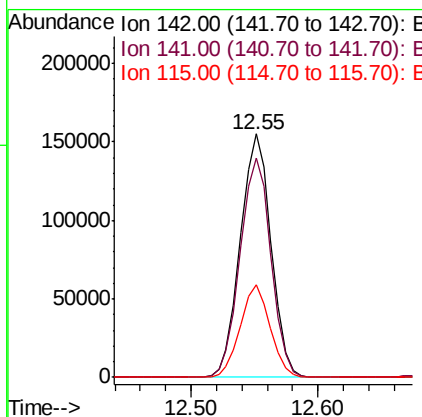
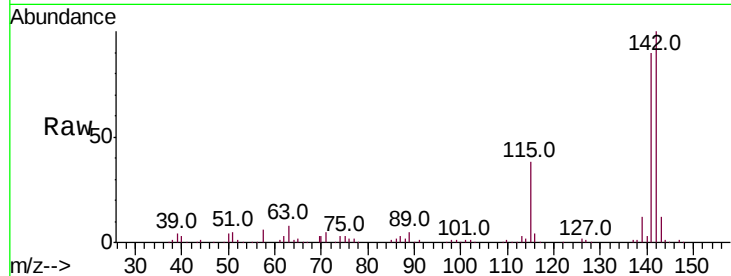




#37
 2-Methylnaphthalene
 Concen: 47.663 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

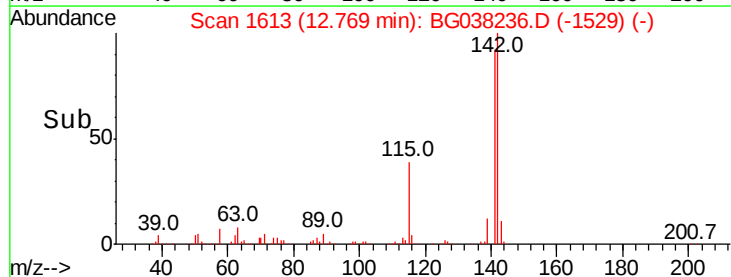
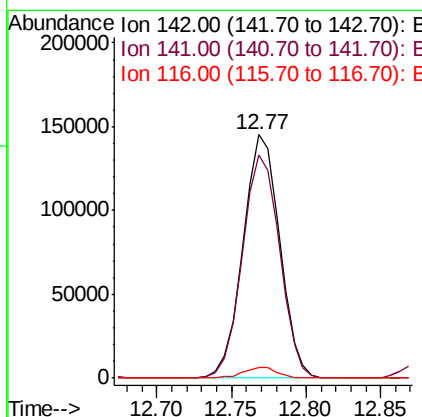
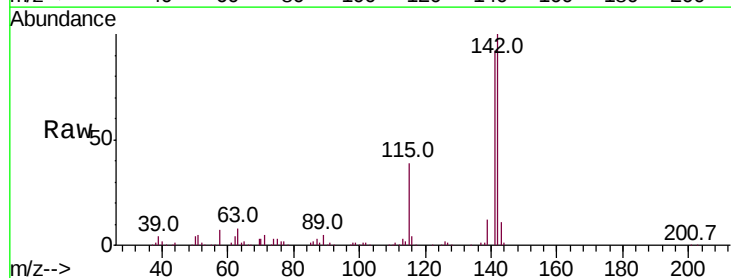
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

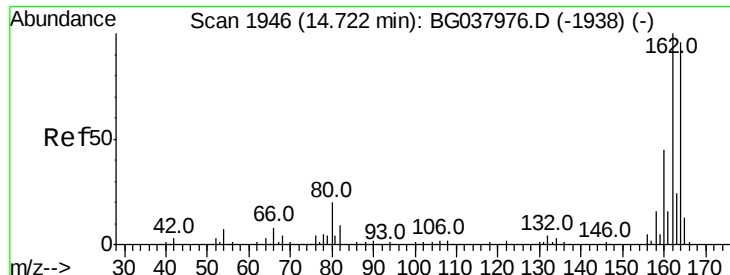
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	38.1	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 46.783 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

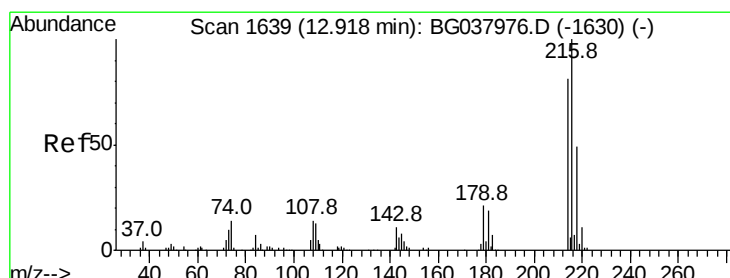
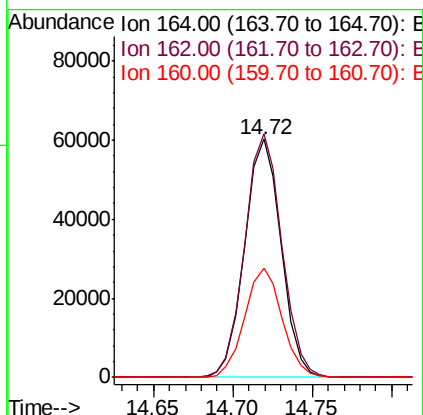
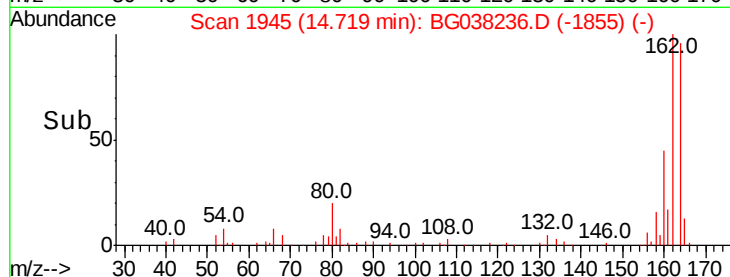
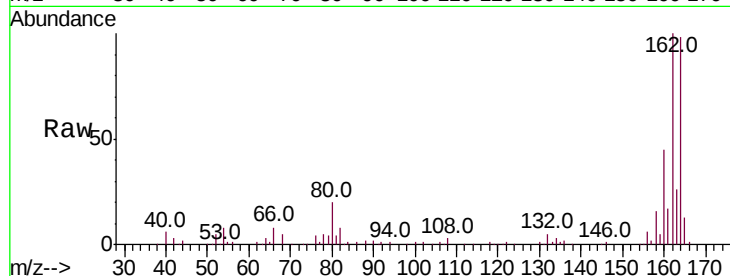
Tot Ion:164 Resp: 96215

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 45.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.190 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Tgt Ion:216 Resp: 135643

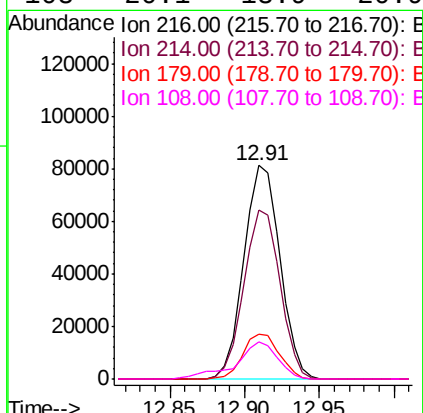
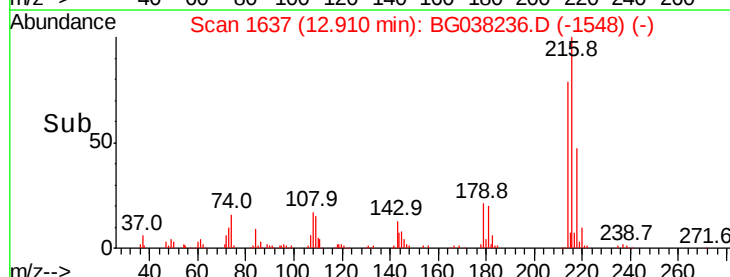
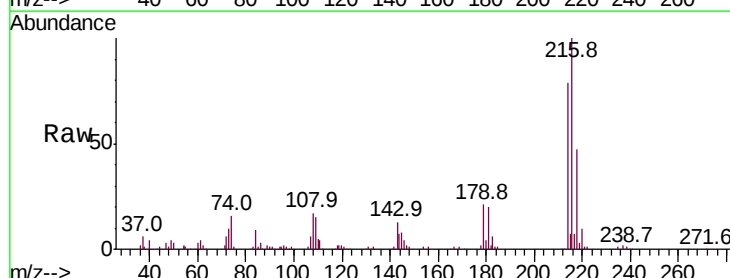
Ion Ratio Lower Upper

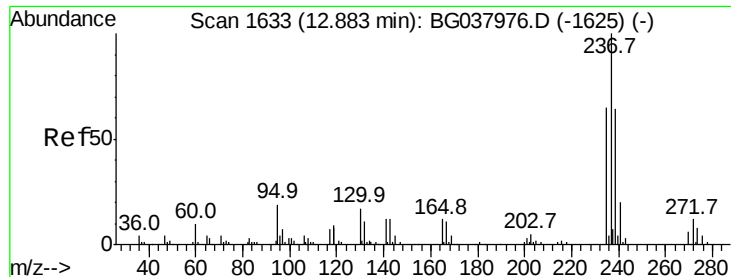
216 100

214 79.4 63.8 95.6

179 21.3 17.4 26.0

108 20.1 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 85.234 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

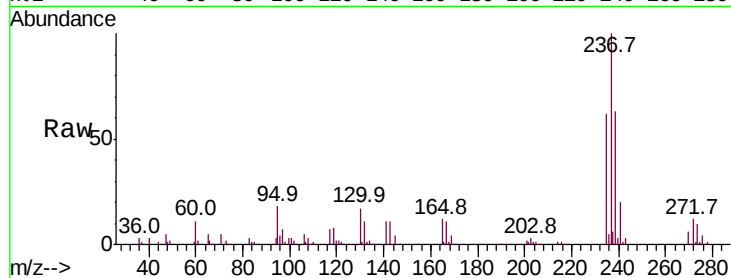
Tot Ion:237 Resp: 146738

Ion Ratio Lower Upper

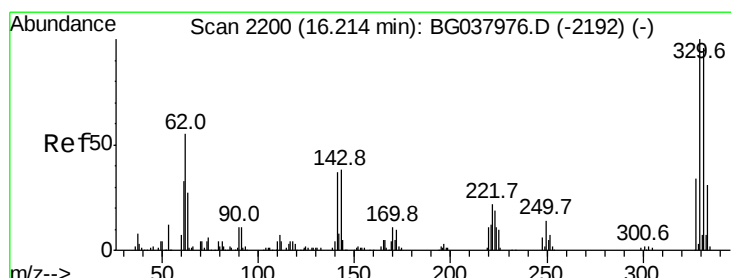
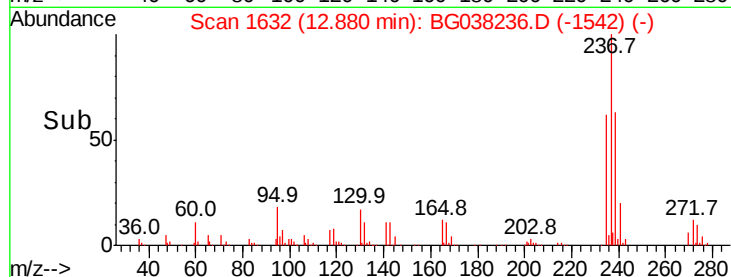
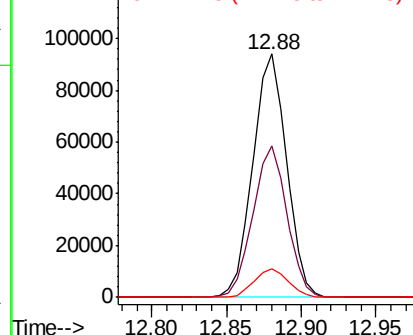
237 100

235 62.3 42.5 82.5

272 11.6 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: 138.543 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

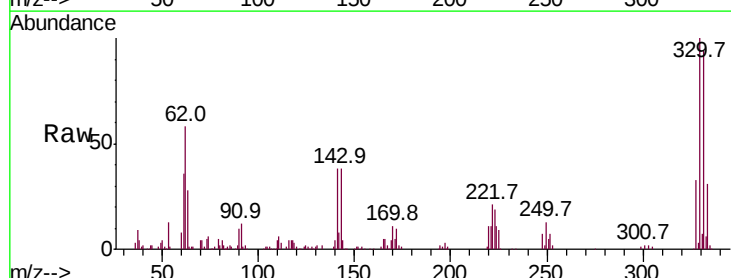
Tgt Ion:330 Resp: 152025

Ion Ratio Lower Upper

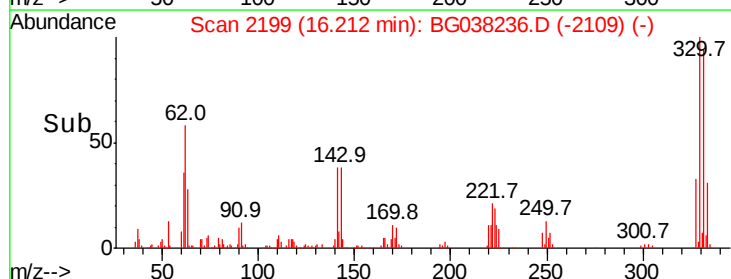
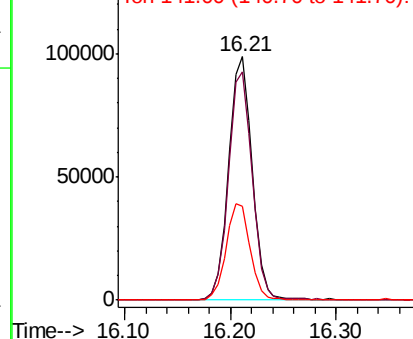
330 100

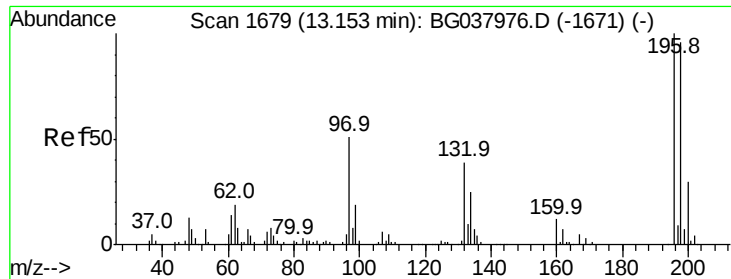
332 94.9 78.4 117.6

141 40.7 32.2 48.2



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

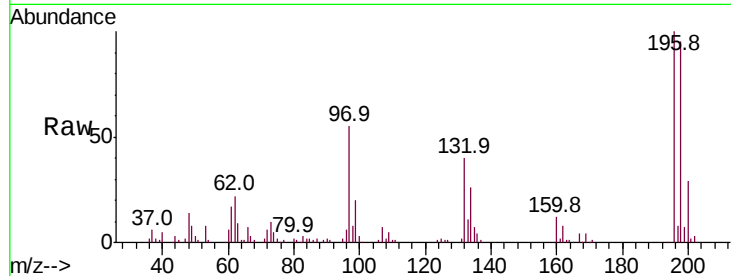




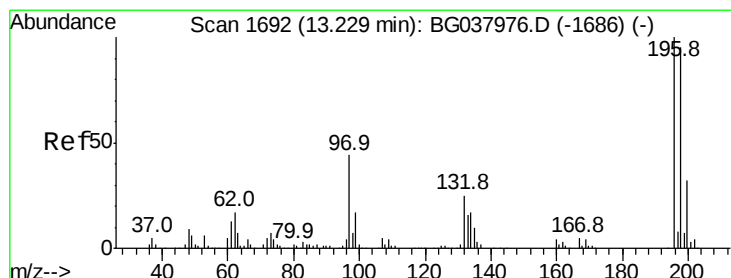
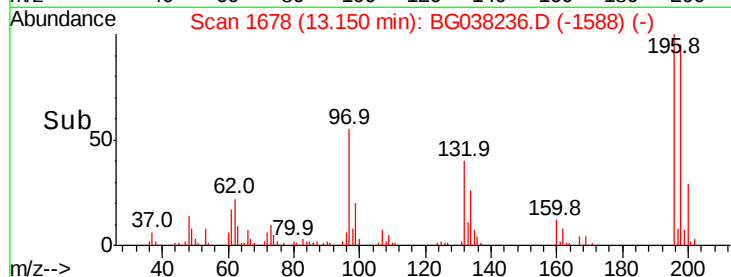
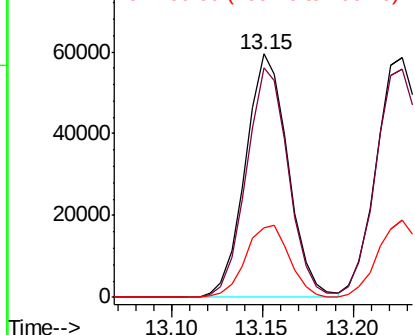
#43
 2,4,6-Trichlorophenol
 Concen: 44.715 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

Tot Ion:196 Resp: 97965
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.4 114.6
 200 28.6 24.9 37.3

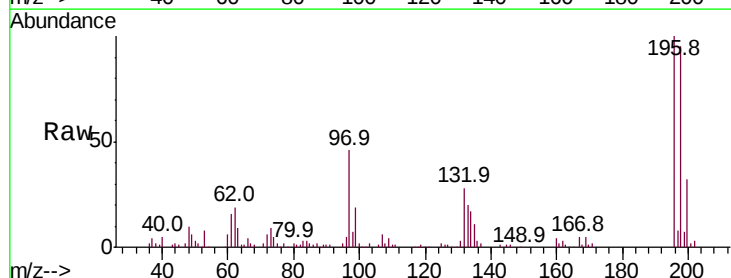


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

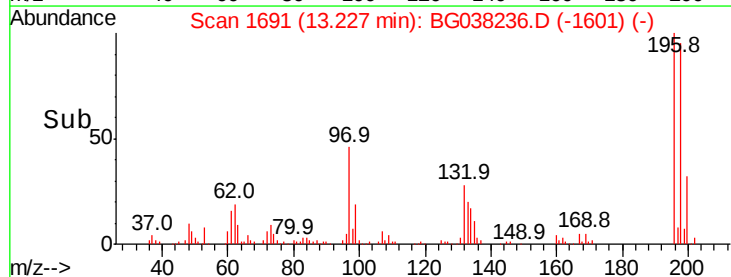
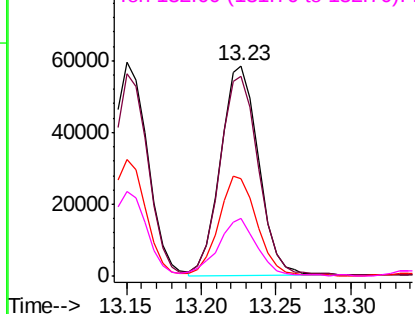


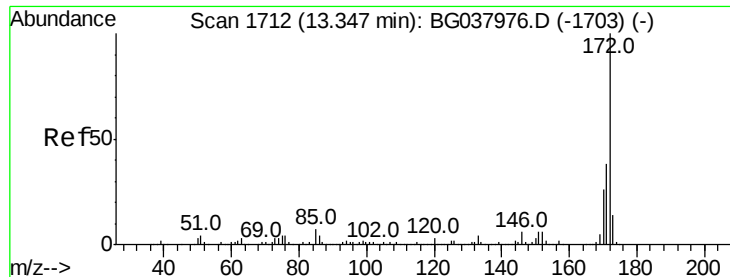
#44
 2,4,5-Trichlorophenol
 Concen: 45.174 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion:196 Resp: 104134
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.2
 97 46.0 34.1 51.1
 132 27.6 20.2 30.4



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

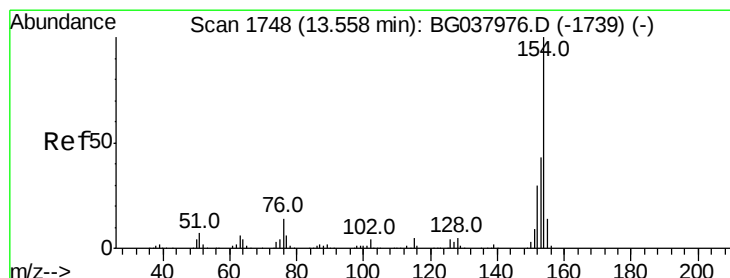
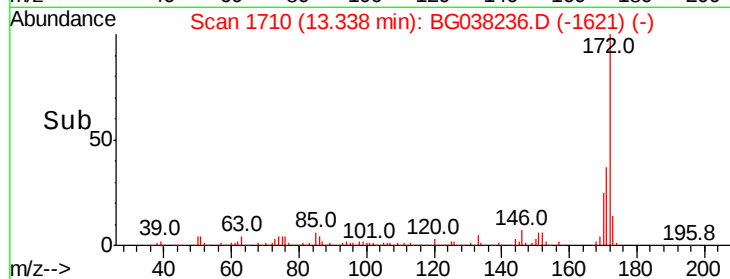
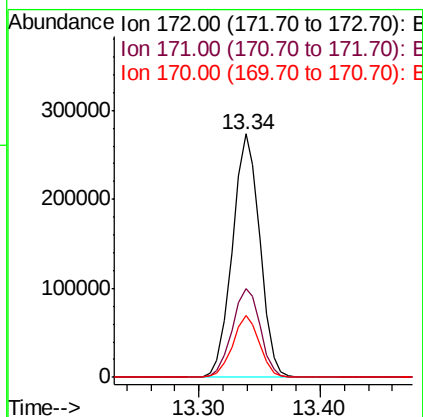
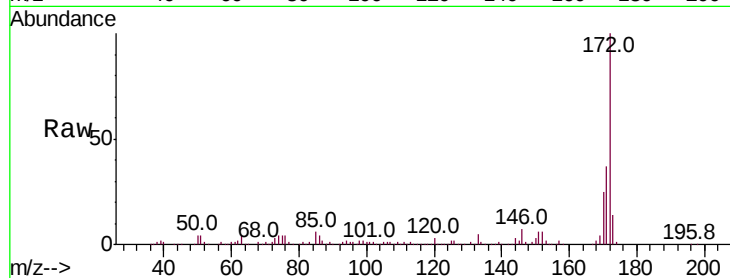




#45
2-Fluorobiphenyl
Concen: 65.312 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

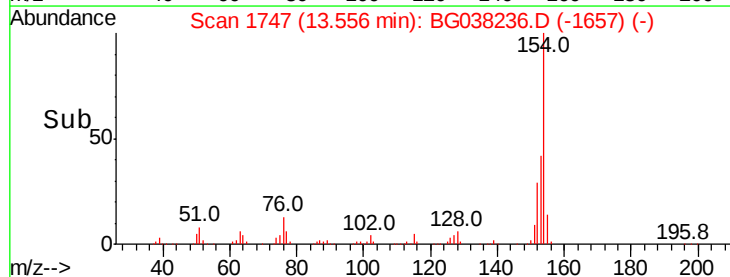
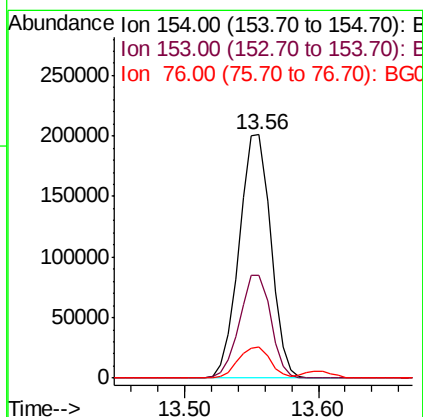
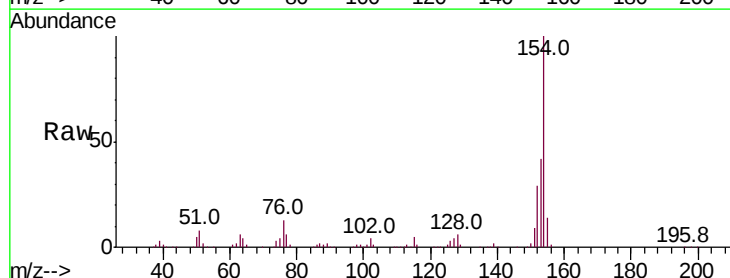
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

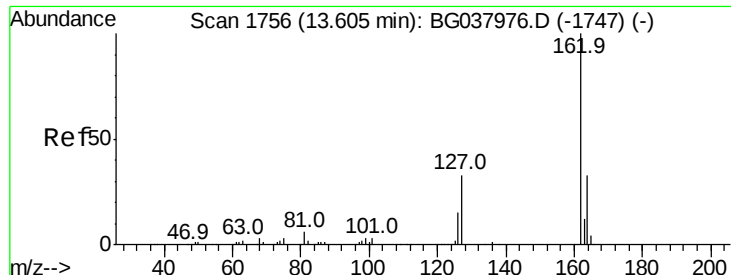
Tot Ion:172 Resp: 431341
Ion Ratio Lower Upper
172 100
171 36.6 31.0 46.4
170 25.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.715 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:154 Resp: 329103
Ion Ratio Lower Upper
154 100
153 42.1 22.1 62.1
76 12.6 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.742 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

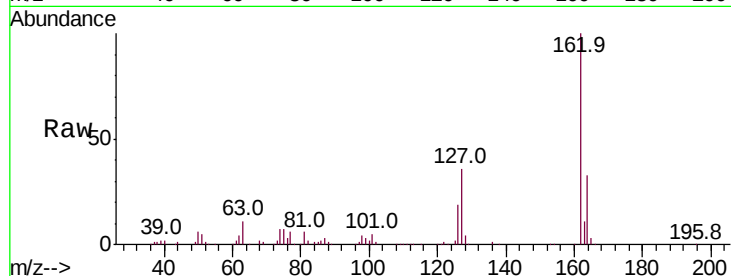
Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:162 Resp: 263639

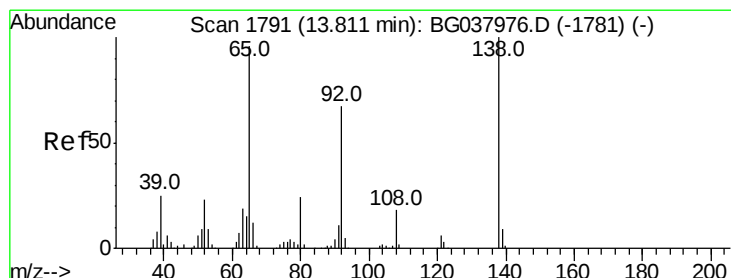
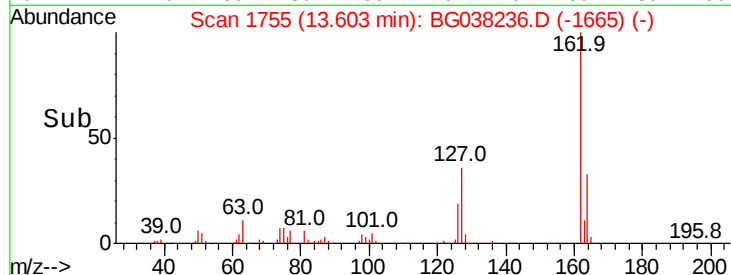
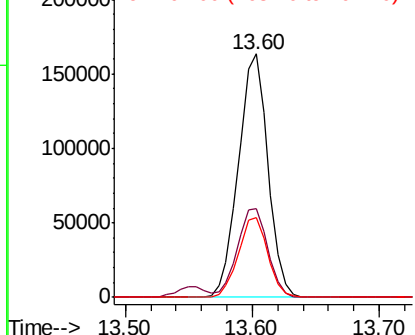
Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.5	45.7
164	32.6	26.4	39.6



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: 48.530 ng

RT: 13.81 min Scan# 1790

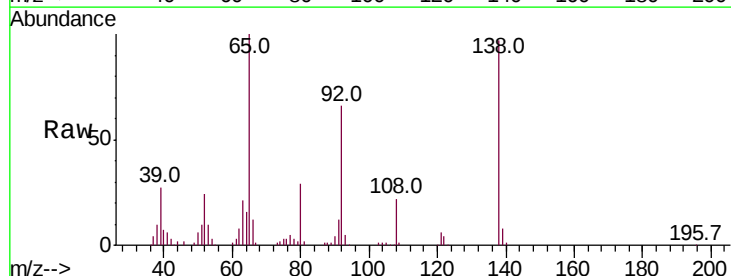
Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Tgt Ion: 65 Resp: 94211

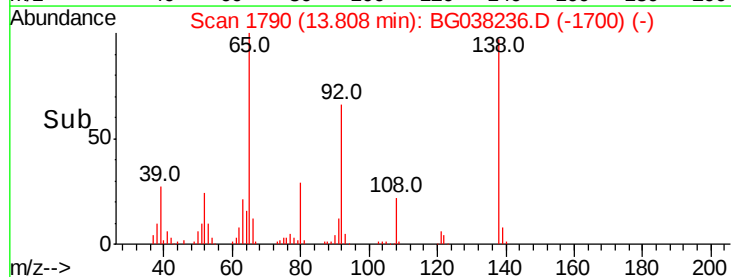
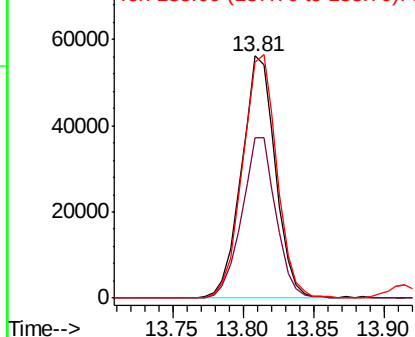
Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.2	79.8
138	97.5	79.3	118.9

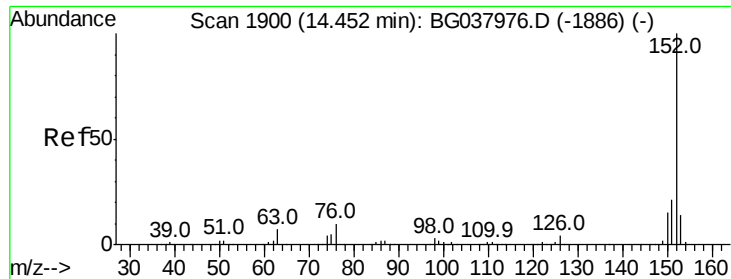


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.400 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

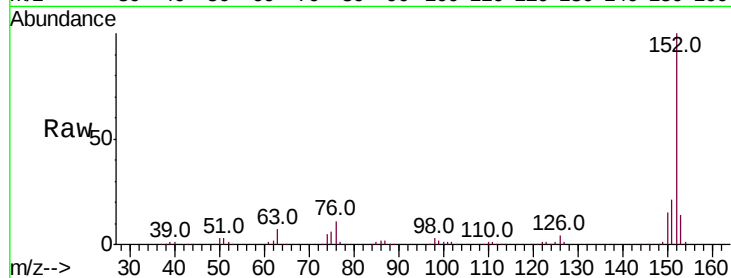
Tot Ion:152 Resp: 430386

Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

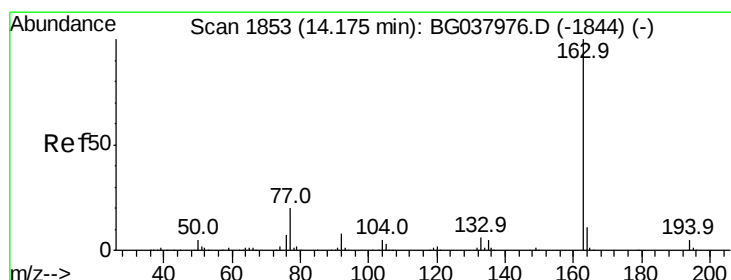
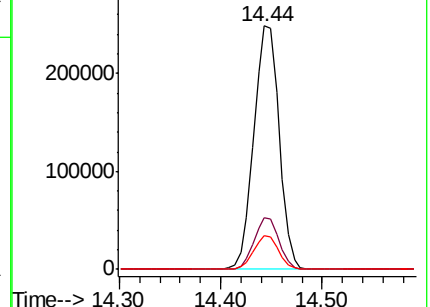
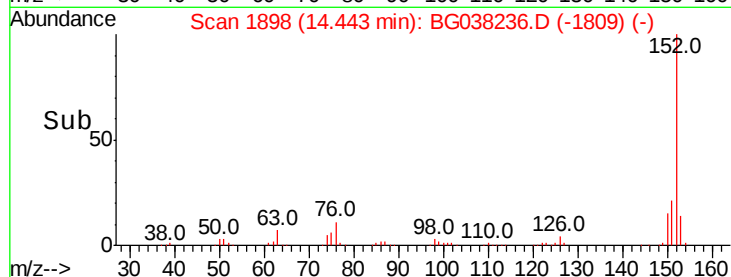
153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.664 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

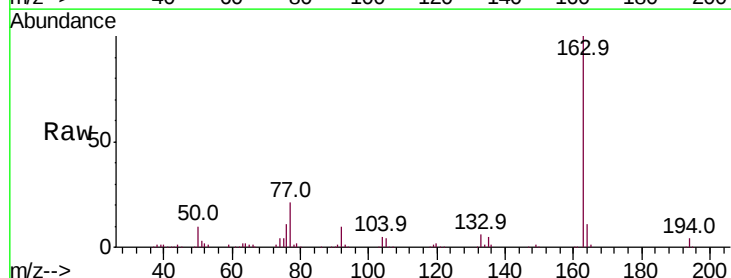
Tgt Ion:163 Resp: 340680

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

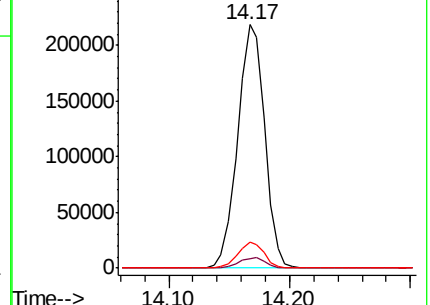
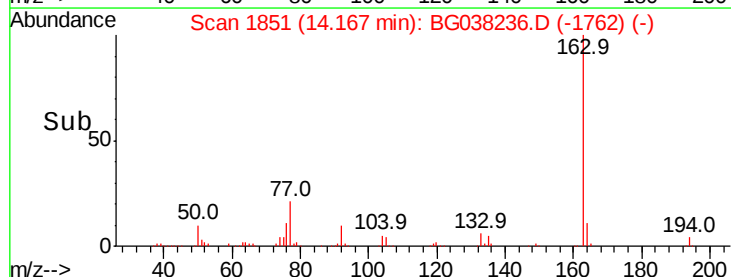
164 10.5 8.5 12.7

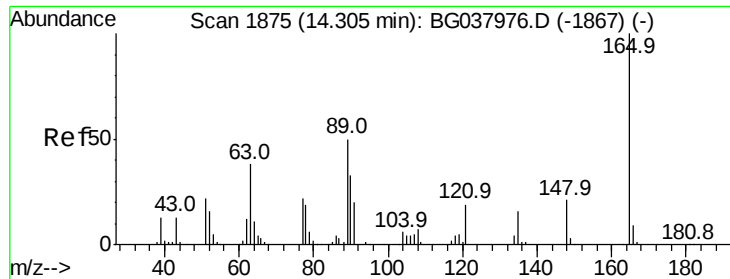


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

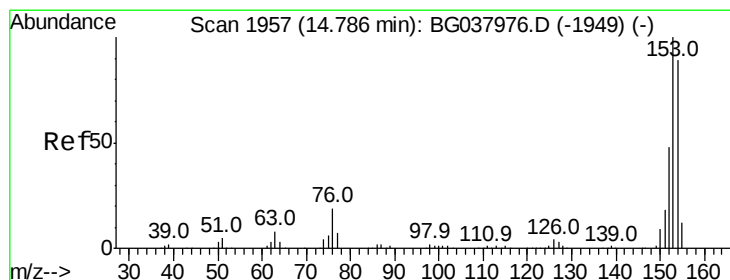
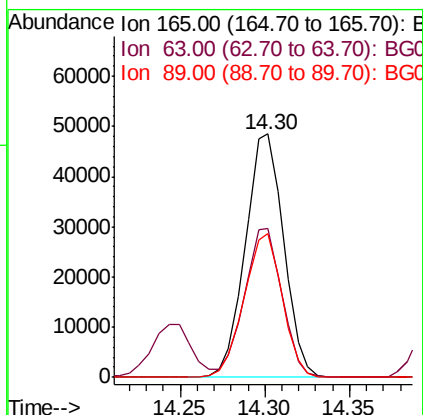
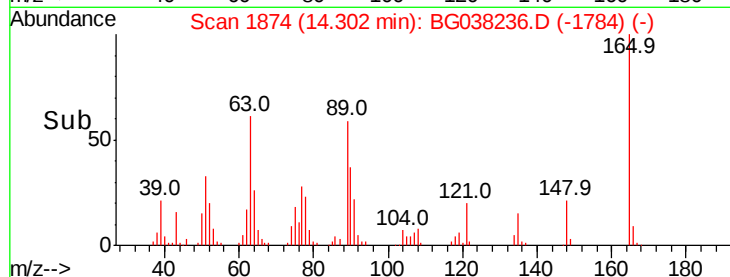
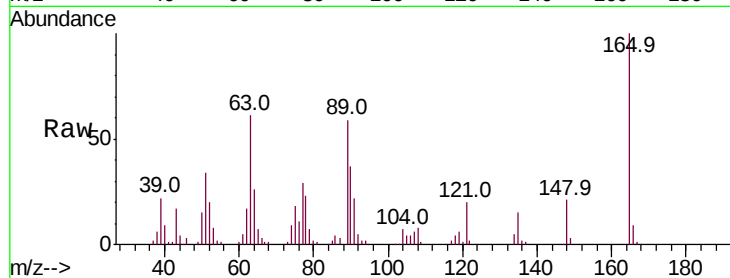




#51
2,6-Dinitrotoluene
Concen: 44.377 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

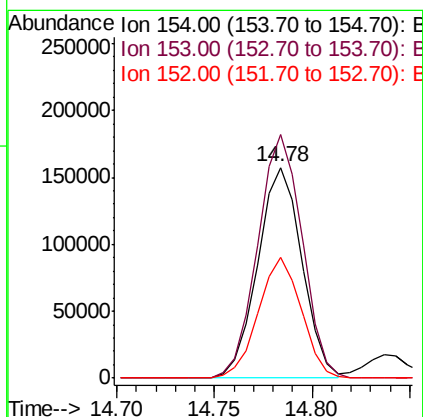
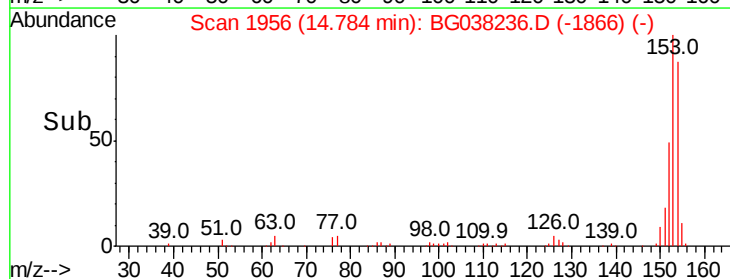
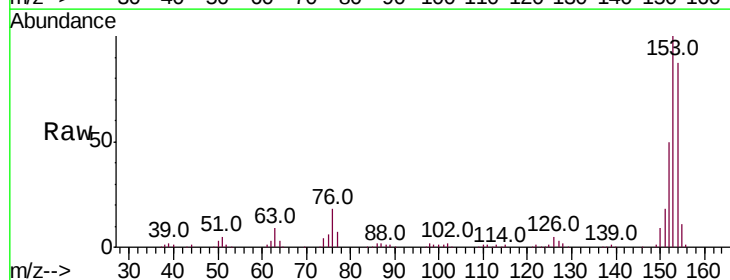
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

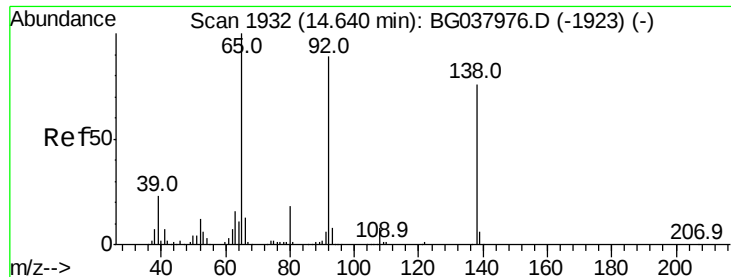
Tot Ion:165 Resp: 76611
Ion Ratio Lower Upper
165 100
63 61.3 43.4 65.2
89 58.8 45.8 68.6



#52
Acenaphthene
Concen: 44.328 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:154 Resp: 247530
Ion Ratio Lower Upper
154 100
153 115.5 93.4 140.0
152 57.2 44.7 67.1

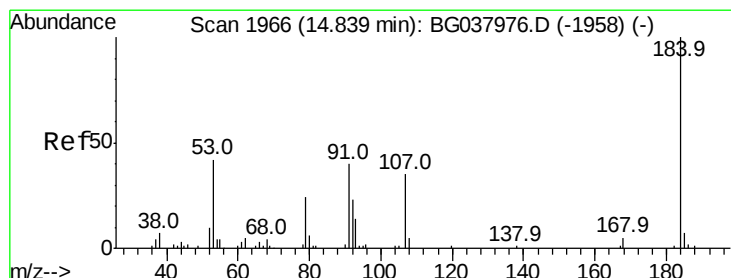
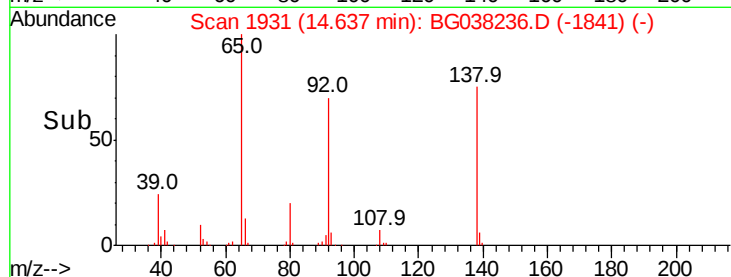
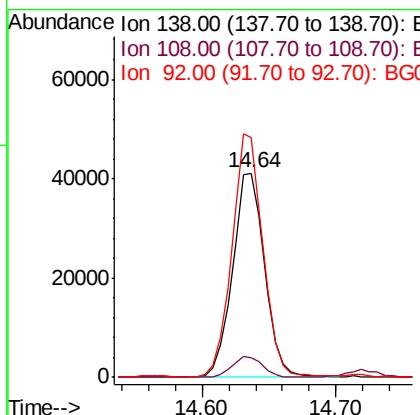
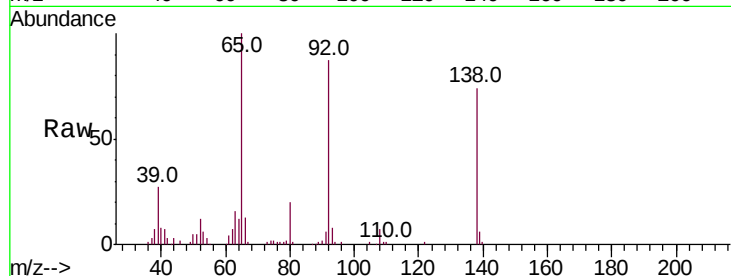




#53
3-Nitroaniline
Concen: 35.974 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

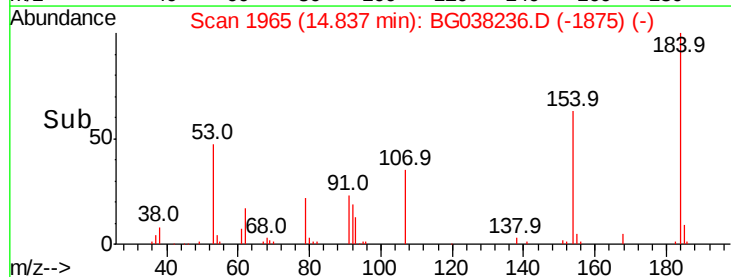
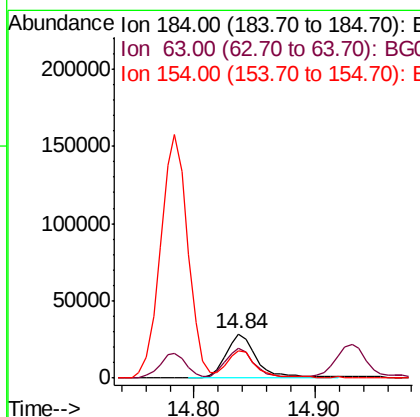
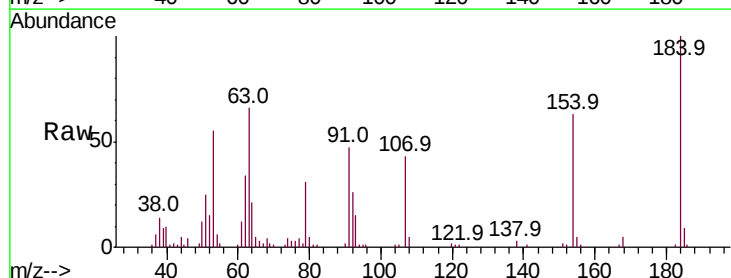
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

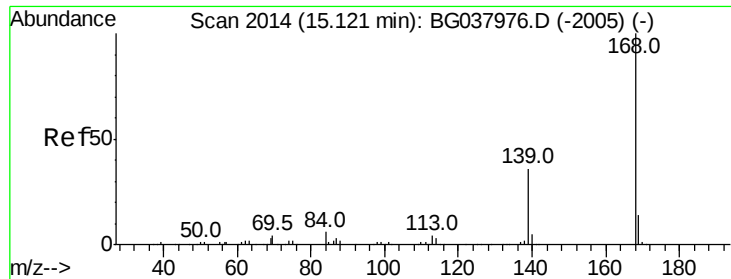
Tot Ion:138 Resp: 68528
Ion Ratio Lower Upper
138 100
108 9.3 11.0 16.6#
92 117.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 57.725 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:184 Resp: 51059
Ion Ratio Lower Upper
184 100
63 66.3 42.6 63.8#
154 62.6 41.8 62.6

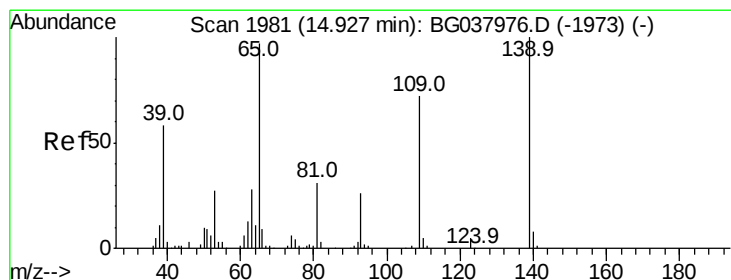
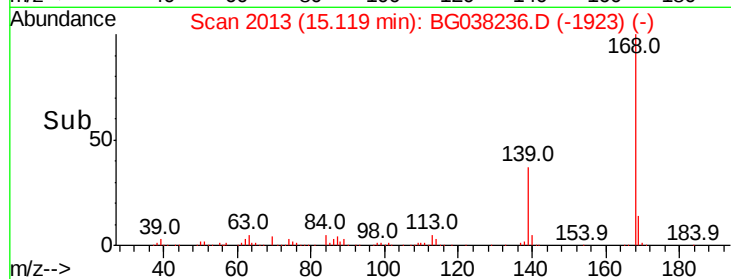
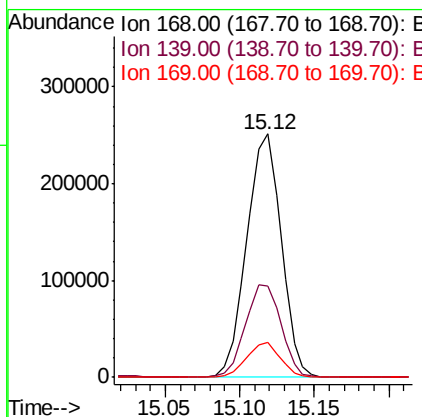
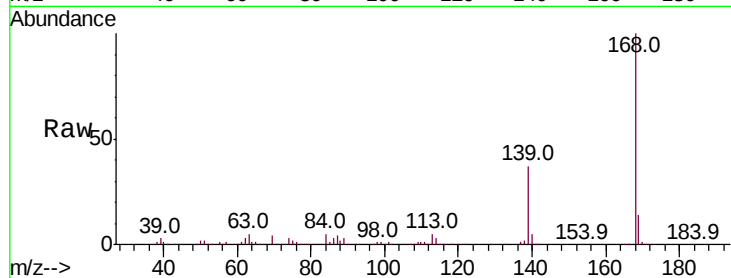




#55
Dibenzofuran
Concen: 43.548 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

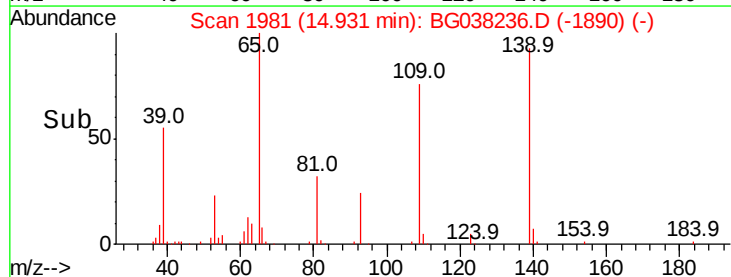
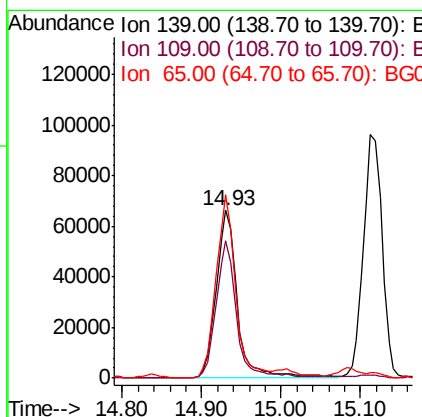
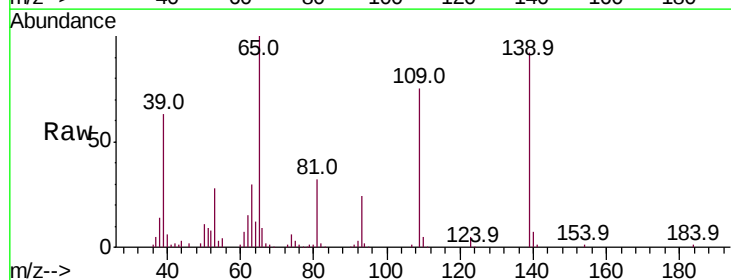
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

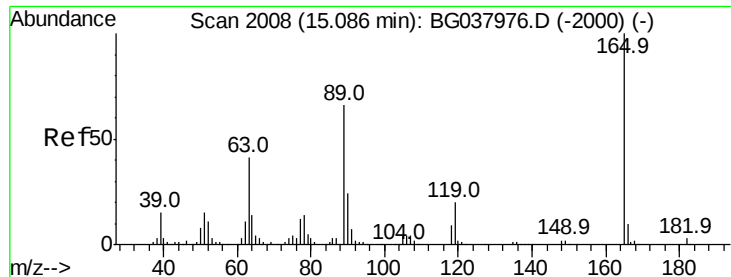
Tot Ion:168 Resp: 402100
Ion Ratio Lower Upper
168 100
139 37.4 29.4 44.0
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 84.216 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:139 Resp: 123731
Ion Ratio Lower Upper
139 100
109 81.7 49.5 89.5
65 109.2 76.8 116.8

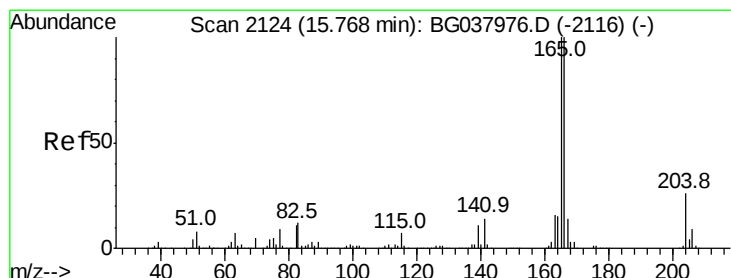
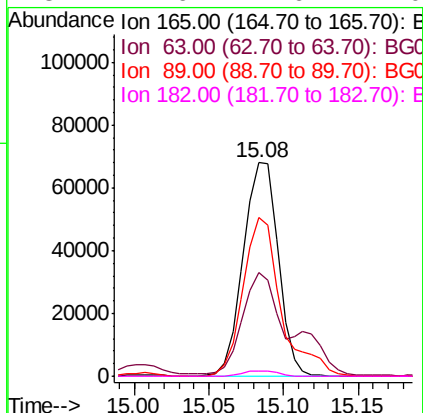
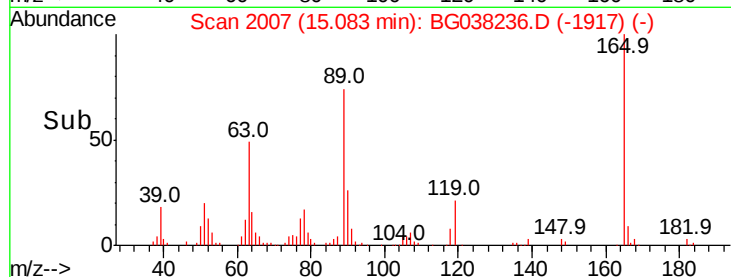
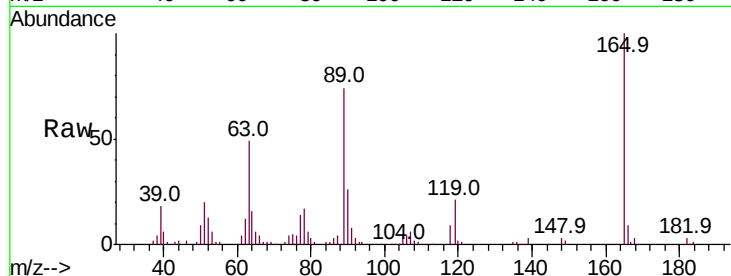




#57
2,4-Dinitrotoluene
Concen: 46.998 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

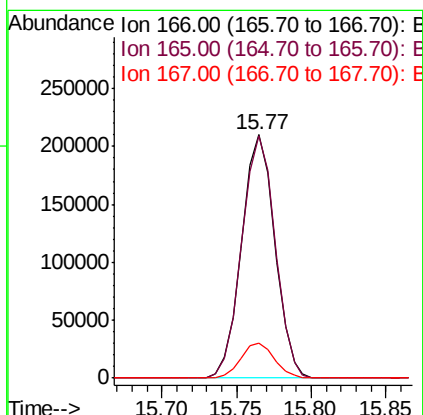
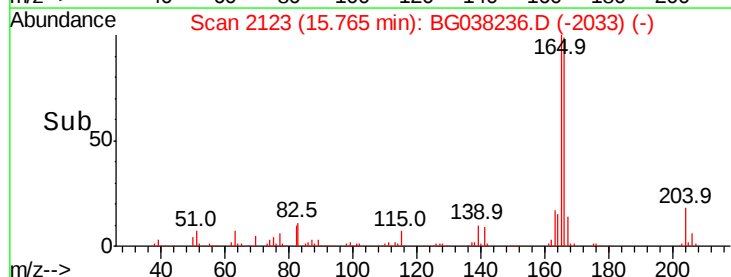
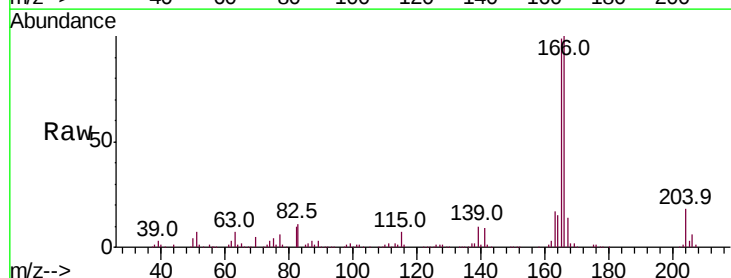
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

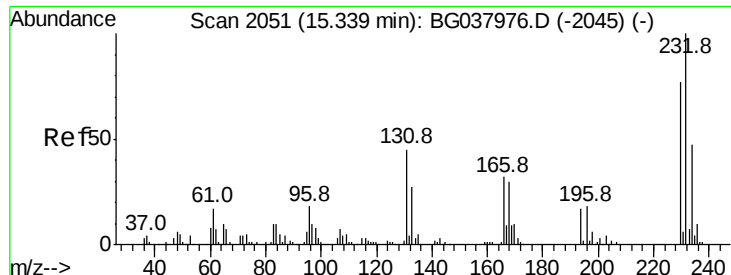
Tot Ion:165 Resp: 110392
Ion Ratio Lower Upper
165 100
63 48.7 33.4 50.0
89 74.3 57.2 85.8
182 2.6 2.6 4.0#



#58
Fluorene
Concen: 47.131 ng
RT: 15.77 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:166 Resp: 324700
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.6
167 14.5 11.3 16.9

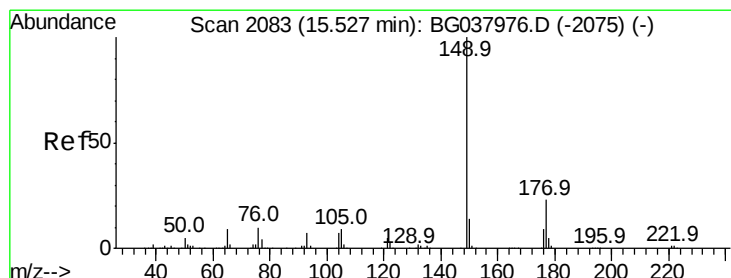
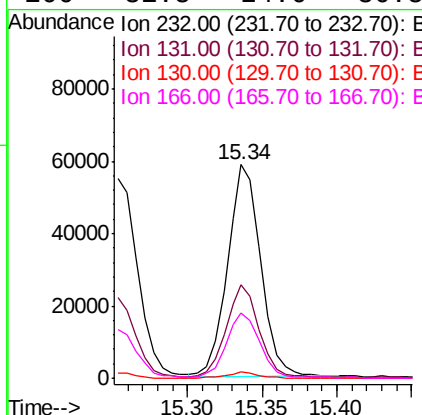
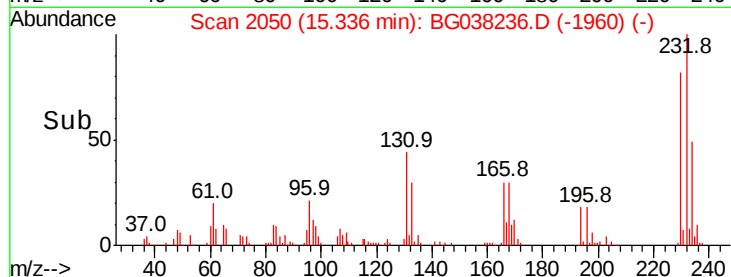
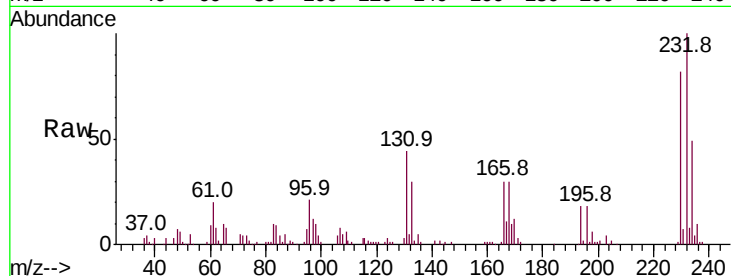




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.206 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

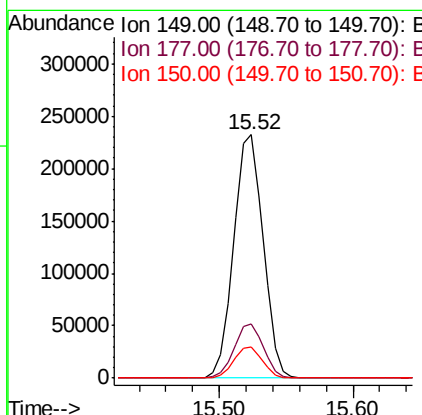
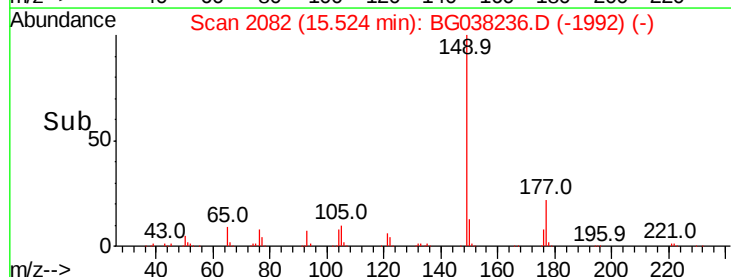
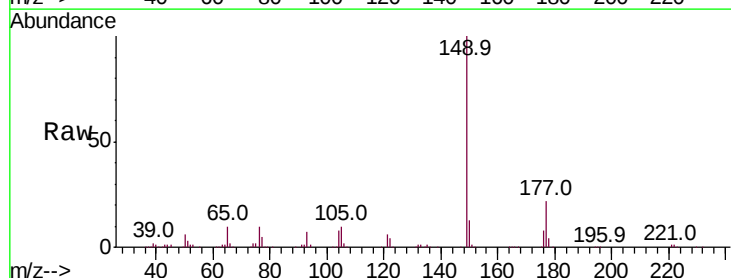
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

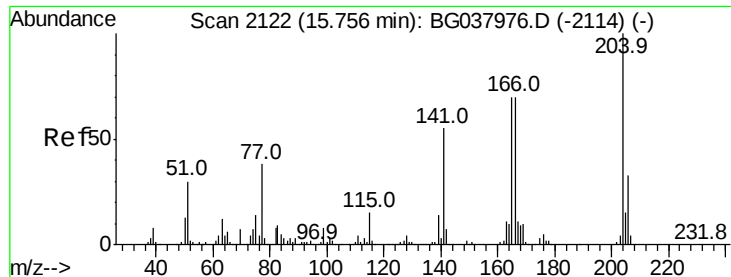
Tot Ion:	232	Resp:	91056
Ion	Ratio	Lower	Upper
232	100		
131	45.3	33.7	50.5
130	2.8	2.1	3.1
166	31.8	24.6	36.8



#60
 Diethylphthalate
 Concen: 43.822 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion:	149	Resp:	355036
Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	12.6	10.0	15.0

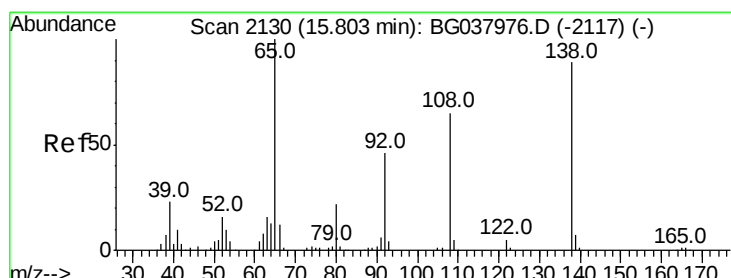
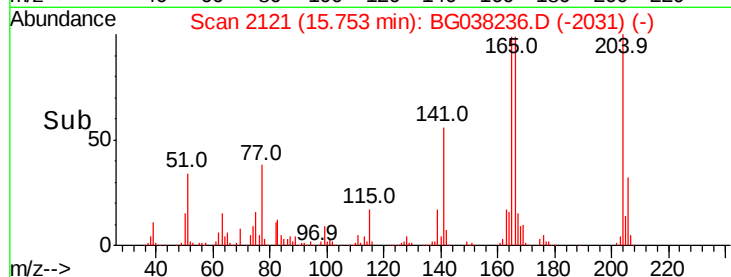
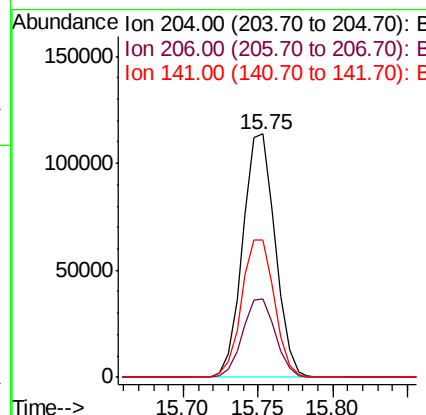
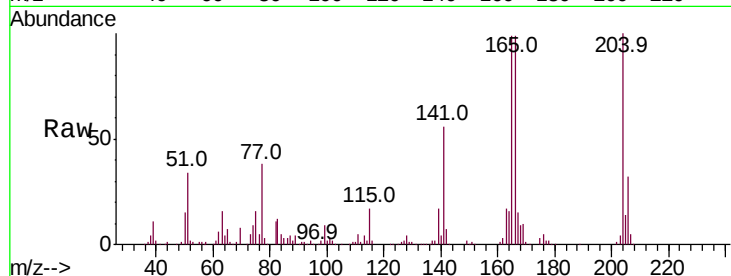




#61
4-Chlorophenyl-phenylether
Concen: 42.434 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

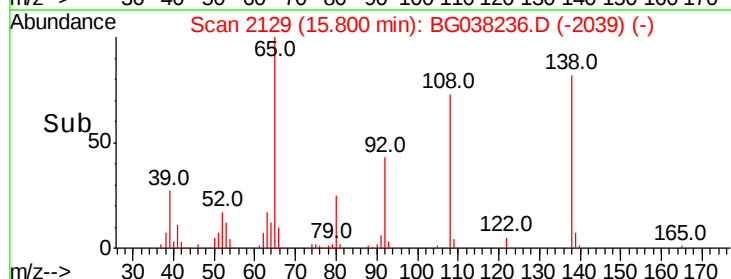
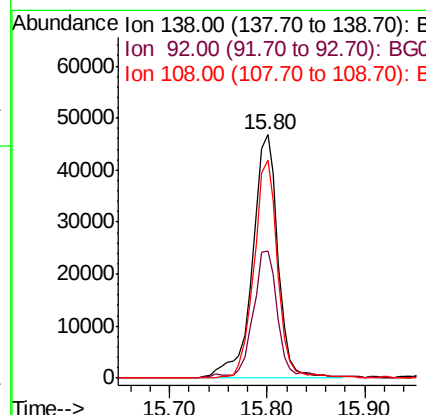
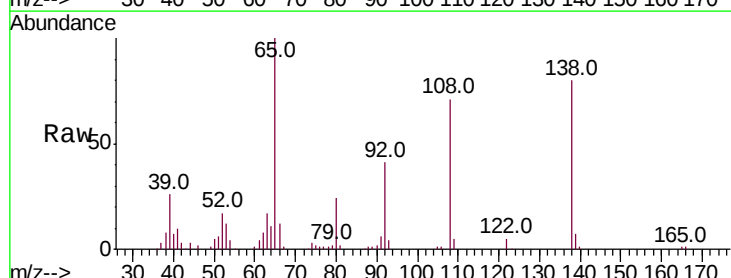
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

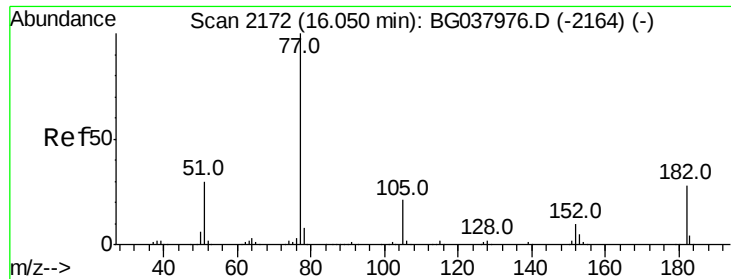
Tot Ion:204 Resp: 171059
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 56.2 45.4 68.2



#62
4-Nitroaniline
Concen: 45.514 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:138 Resp: 86131
Ion Ratio Lower Upper
138 100
92 52.1 36.4 76.4
108 89.3 60.1 100.1





#63

Azobenzene

Concen: 46.049 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

Tot Ion: 77 Resp: 333572

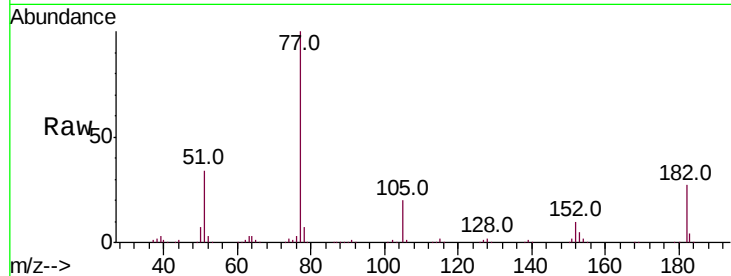
Ion Ratio Lower Upper

77 100

182 27.3 8.0 48.0

105 20.4 1.3 41.3

51 33.6 10.7 50.7

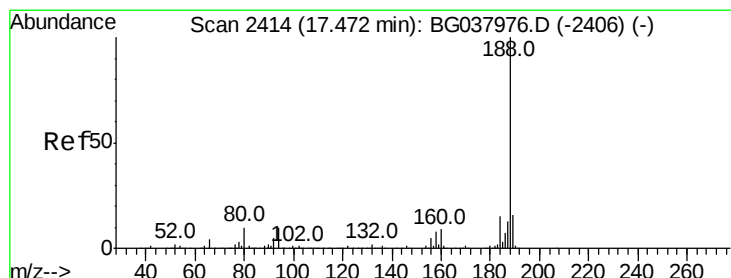
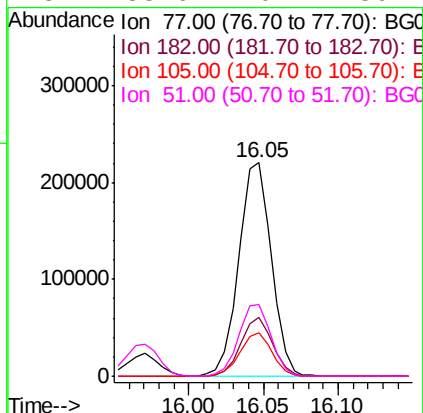
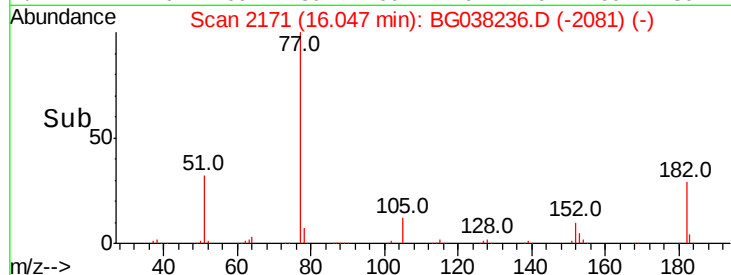


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

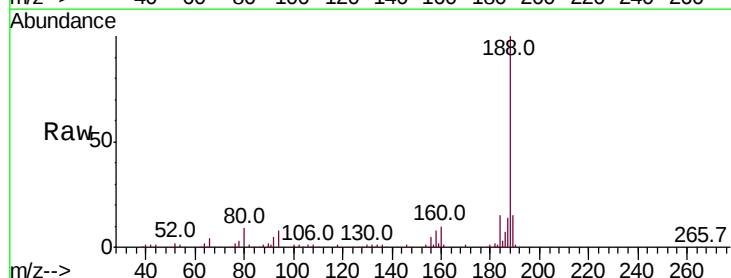
Tgt Ion: 188 Resp: 226508

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

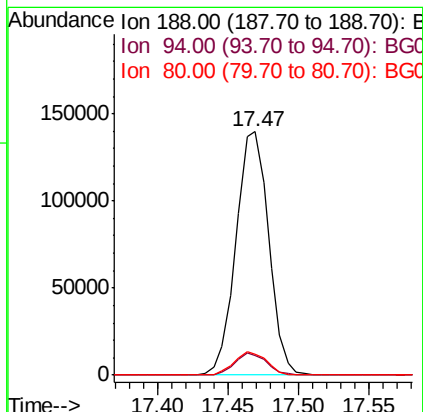
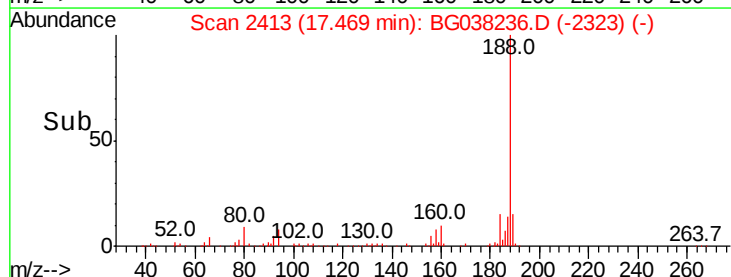
80 8.6 7.7 11.5

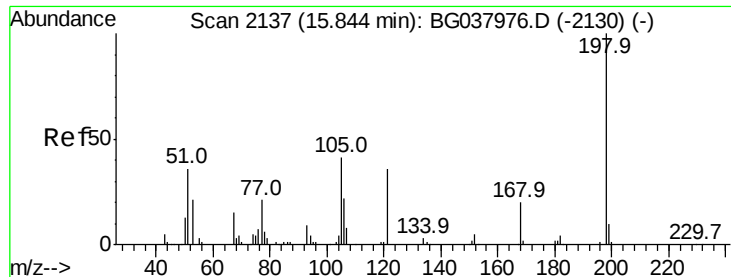


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.171 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

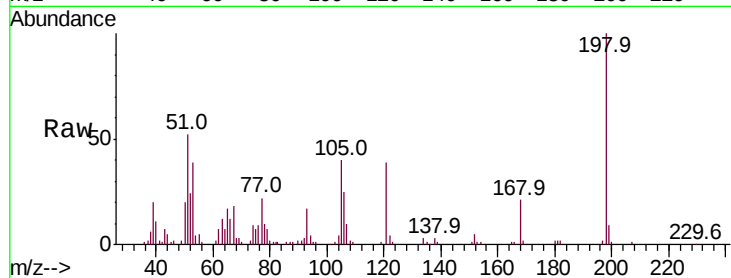
Tot Ion:198 Resp: 53254

Ion Ratio Lower Upper

198 100

51 52.2 22.7 62.7

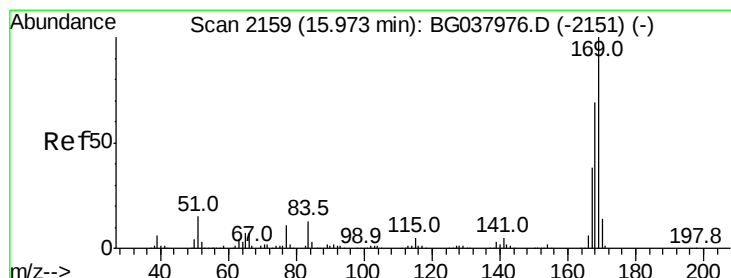
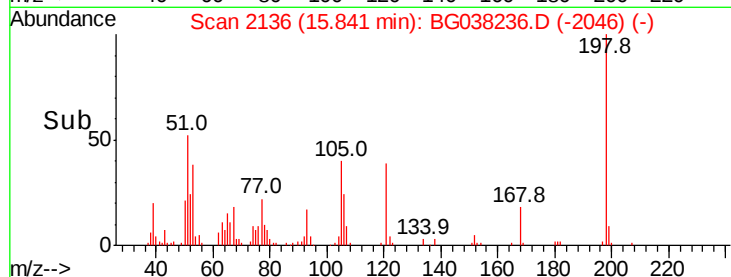
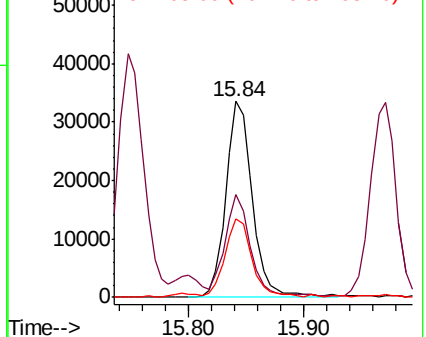
105 40.1 19.7 59.7



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: 43.072 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

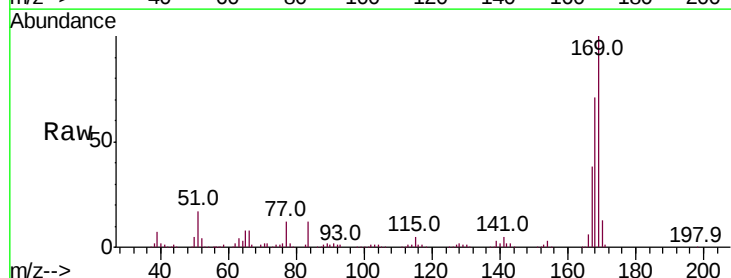
Tgt Ion:169 Resp: 295152

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

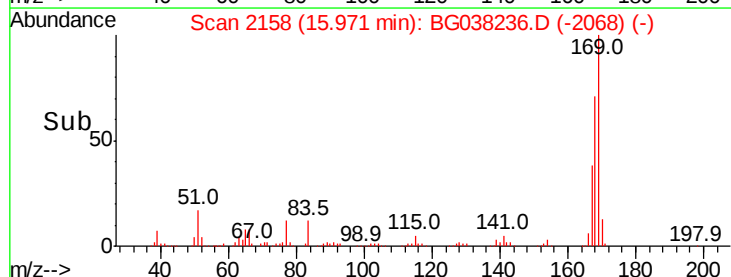
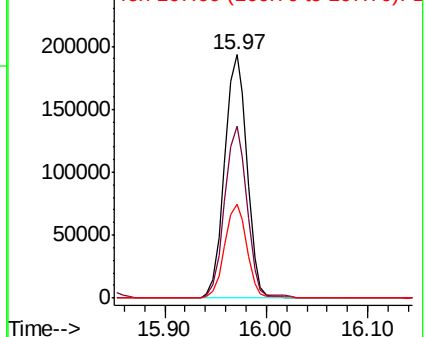
167 38.5 31.3 46.9

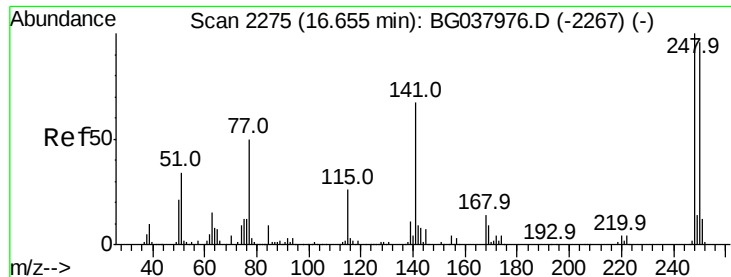


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.155 ng

RT: 16.65 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

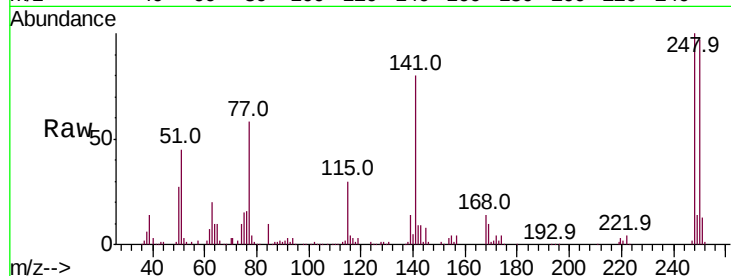
Tot Ion:248 Resp: 107289

Ion Ratio Lower Upper

248 100

250 97.2 77.0 115.6

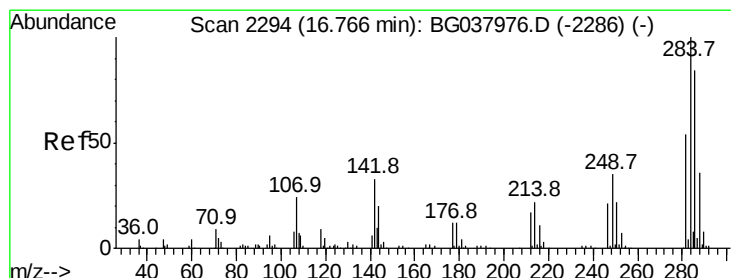
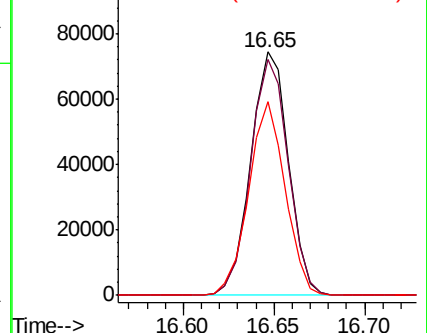
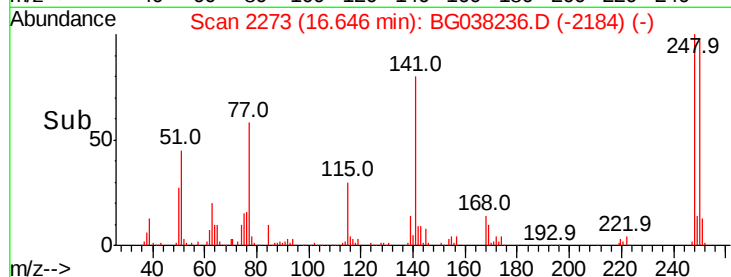
141 79.6 55.5 83.3



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: 43.101 ng

RT: 16.76 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

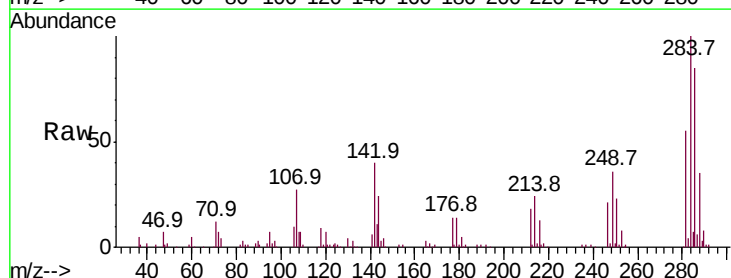
Tgt Ion:284 Resp: 110605

Ion Ratio Lower Upper

284 100

142 40.0 28.1 42.1

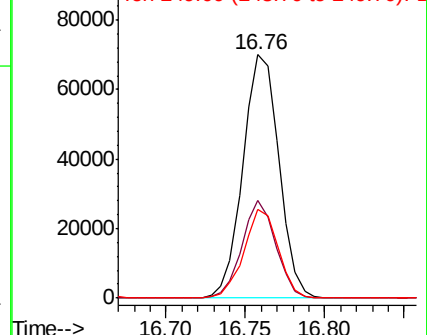
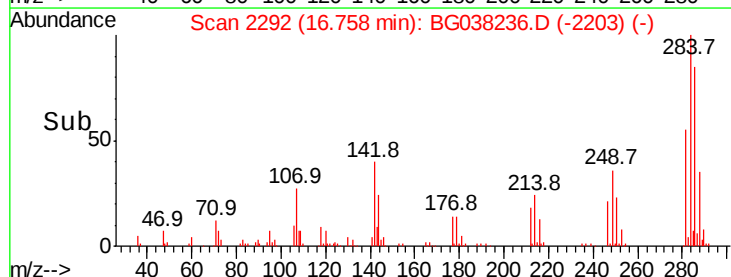
249 38.4 29.8 44.8

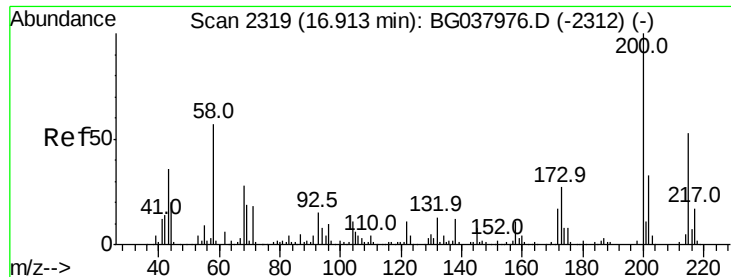


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

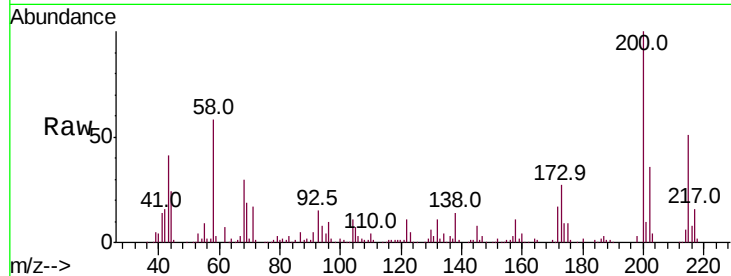




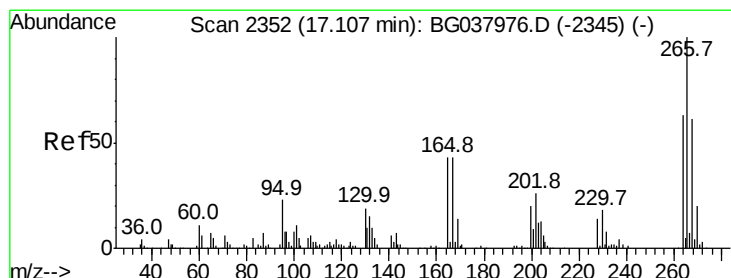
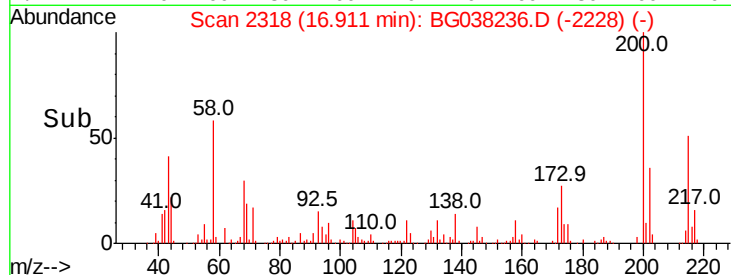
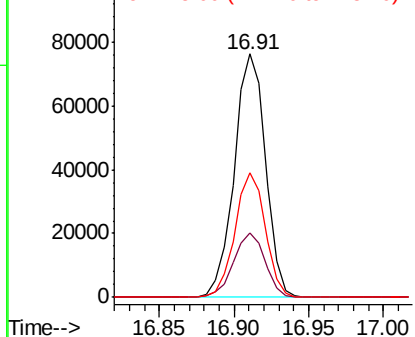
#69
 Atrazine
 Concen: 44.008 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BSD

Tot Ion:200 Resp: 111166
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.1 46.1
 215 51.3 30.8 70.8

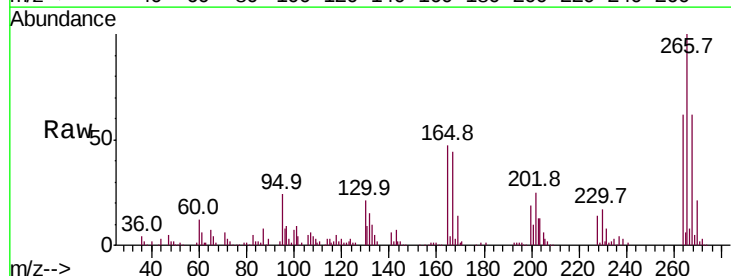


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

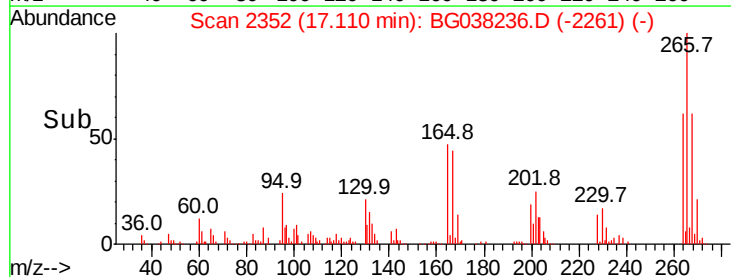
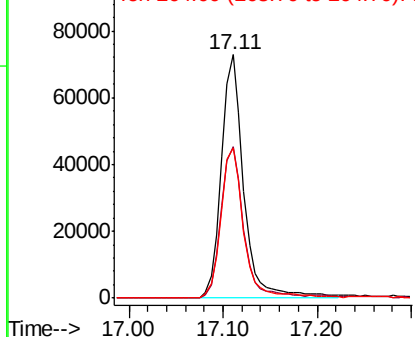


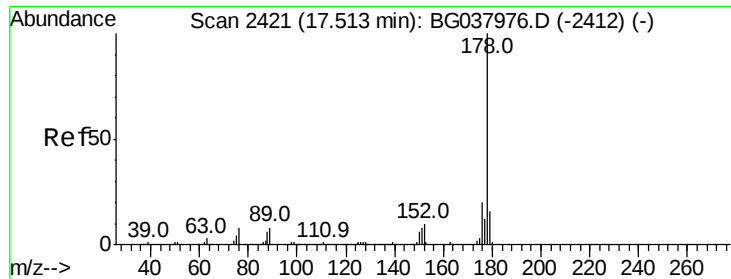
#70
 Pentachlorophenol
 Concen: 70.115 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038236.D
 Acq: 29 Nov 2018 17:03

Tgt Ion:266 Resp: 122200
 Ion Ratio Lower Upper
 266 100
 268 66.7 55.0 82.6
 264 67.6 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

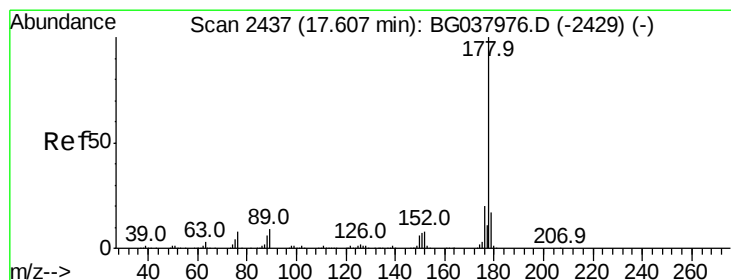
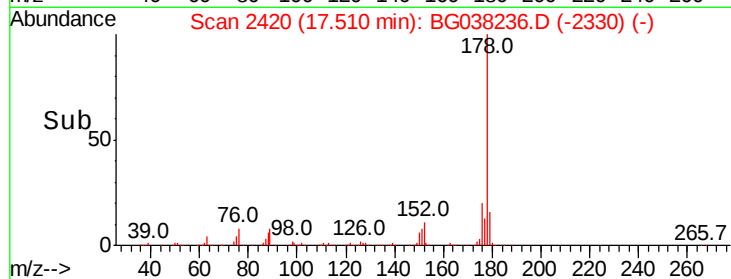
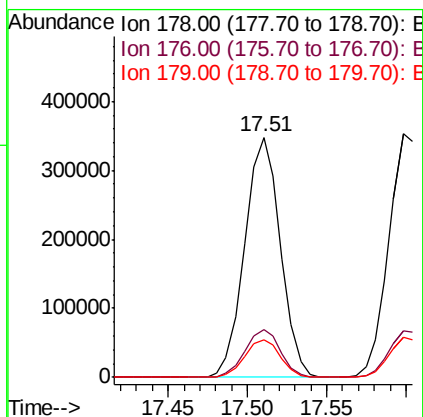
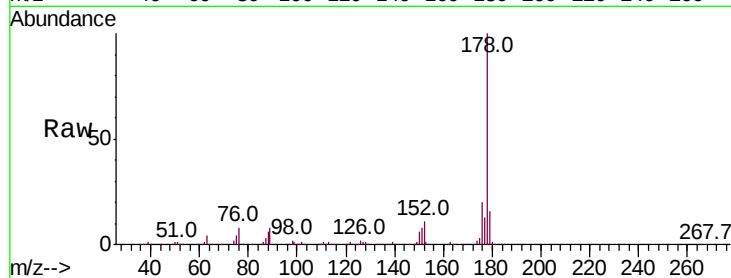




#71
Phenanthrene
Concen: 46.865 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

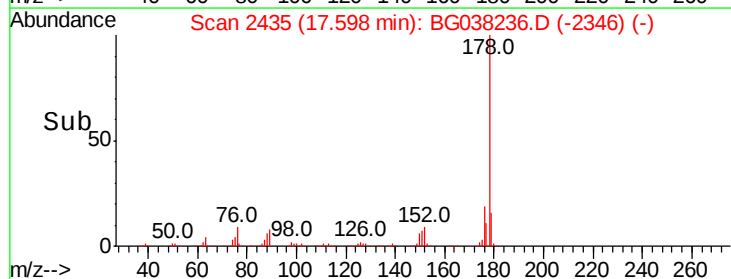
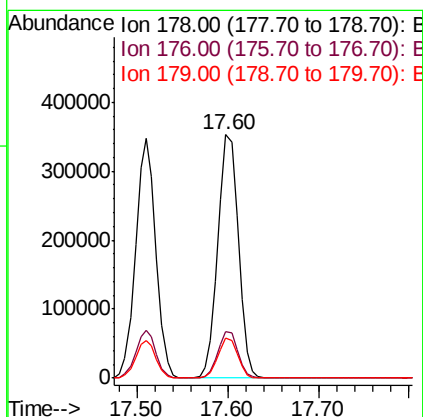
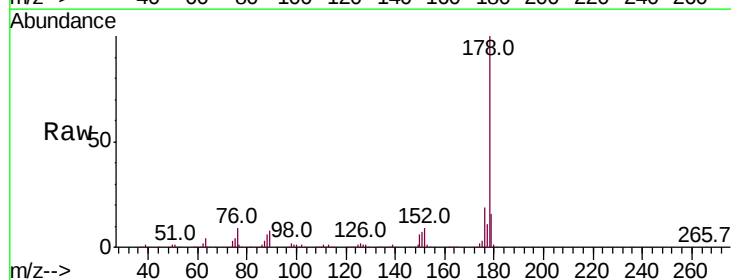
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

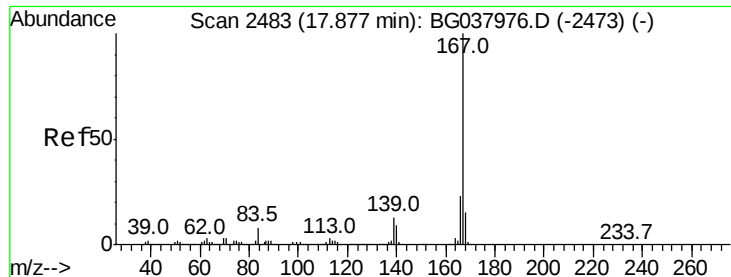
Tot Ion:178 Resp: 543492
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.7 13.0 19.4



#72
Anthracene
Concen: 48.517 ng
RT: 17.60 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:178 Resp: 554626
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.2 12.8 19.2





#73

Carbazole

Concen: 44.158 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

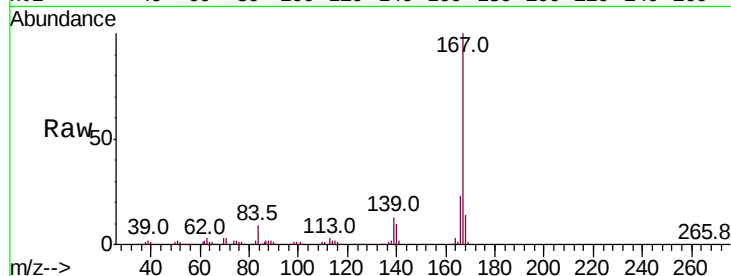
Tot Ion:167 Resp: 506452

Ion Ratio Lower Upper

167 100

166 22.7 18.3 27.5

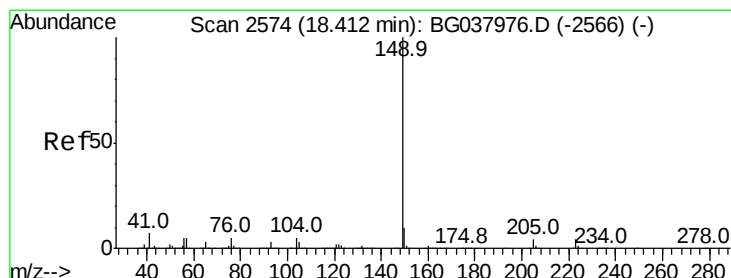
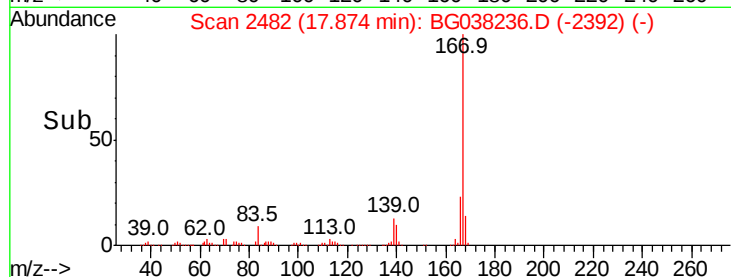
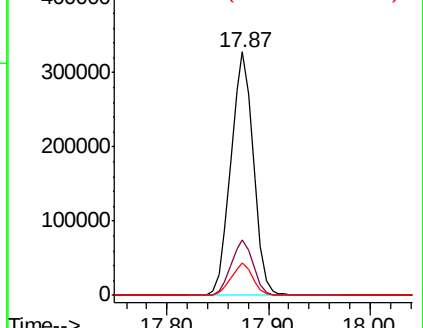
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.876 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

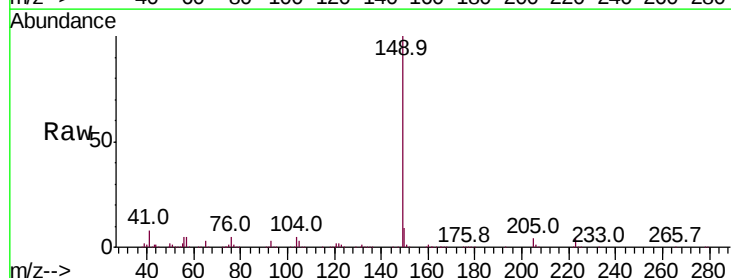
Tgt Ion:149 Resp: 616383

Ion Ratio Lower Upper

149 100

150 9.2 8.2 12.2

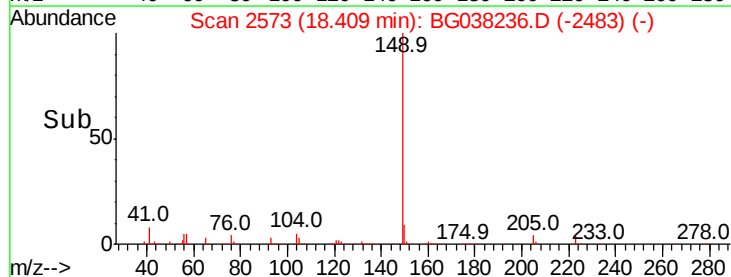
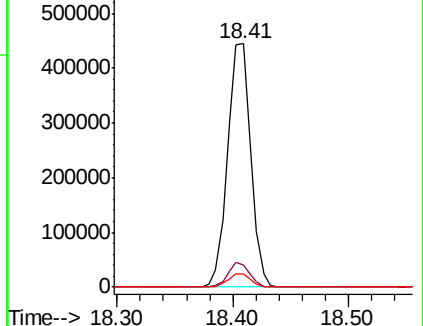
104 5.4 4.0 6.0

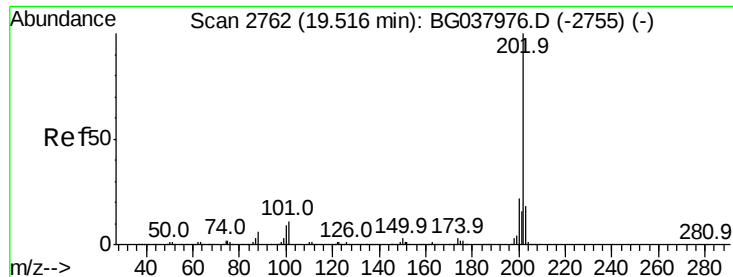


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.519 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

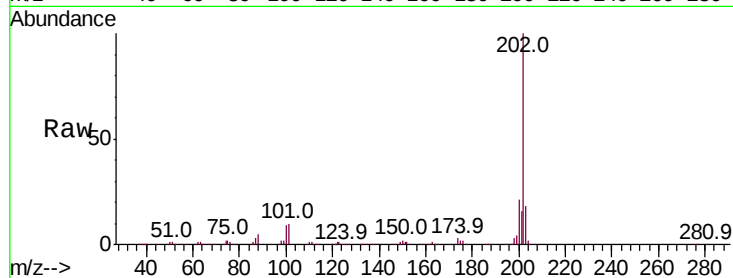
Tot Ion:202 Resp: 655190

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

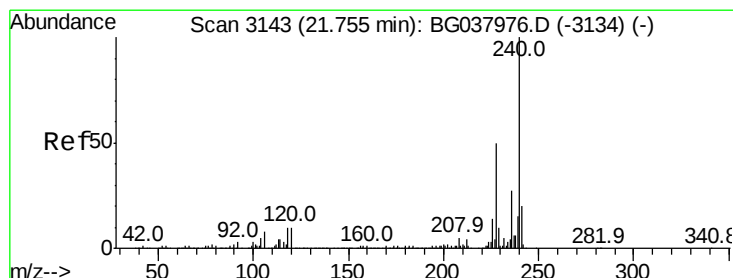
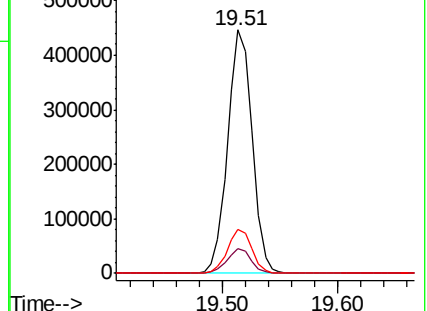
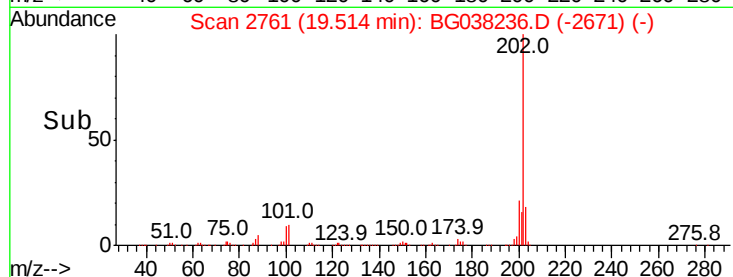
203 18.2 0.0 38.5



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: BG038236.D

Acq: 29 Nov 2018 17:03

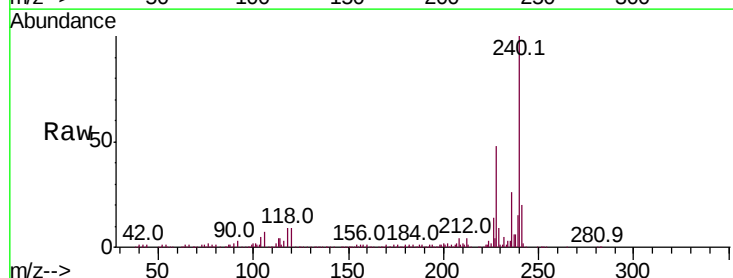
Tgt Ion:240 Resp: 214804

Ion Ratio Lower Upper

240 100

120 8.8 8.1 12.1

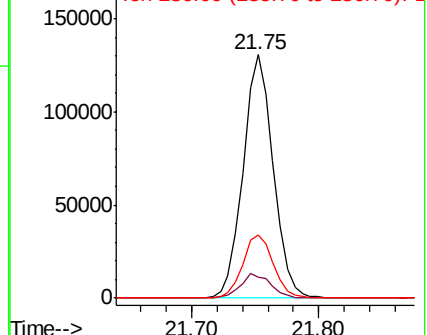
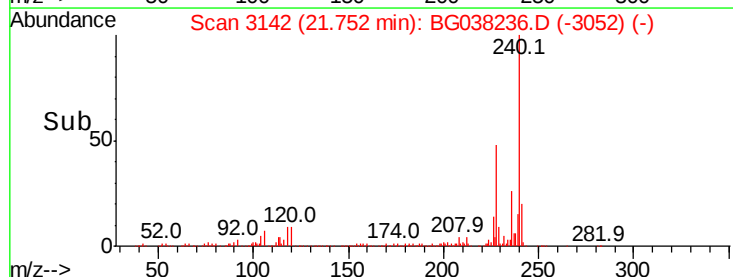
236 26.1 21.4 32.0

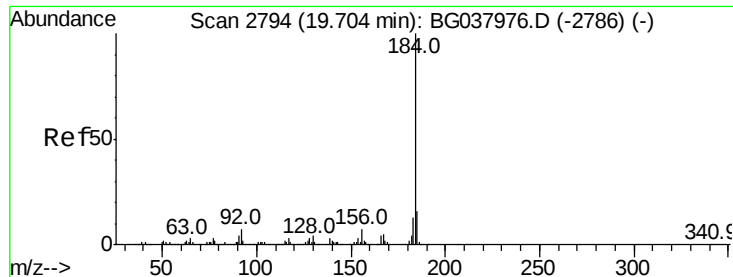


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.756 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

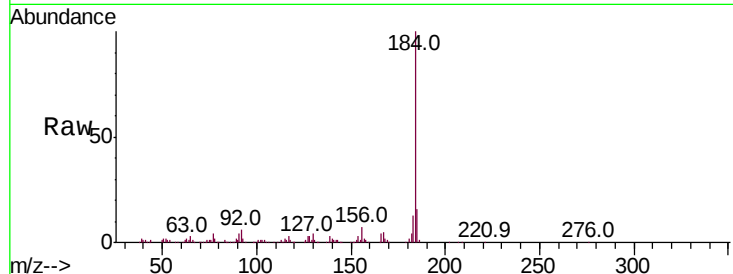
Tot Ion:184 Resp: 201666

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

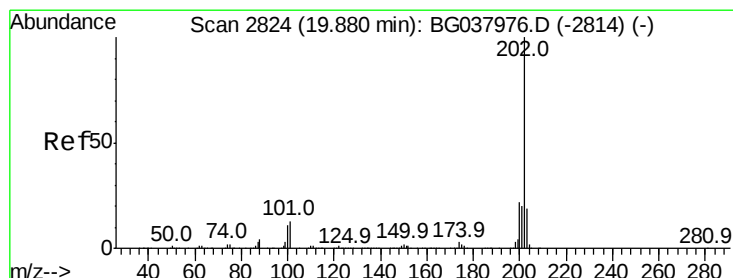
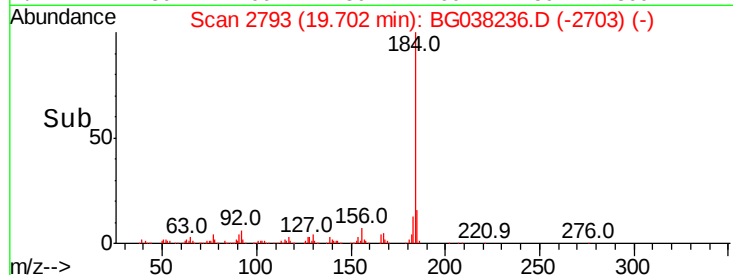
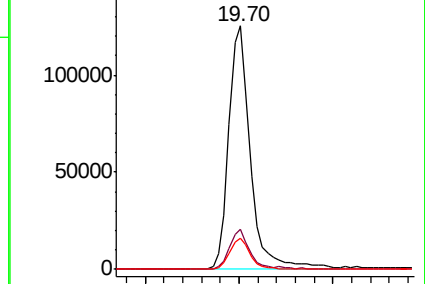
183 12.6 10.2 15.2



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: 46.422 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

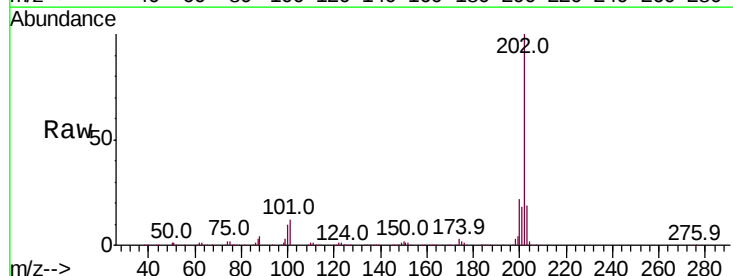
Tgt Ion:202 Resp: 651951

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

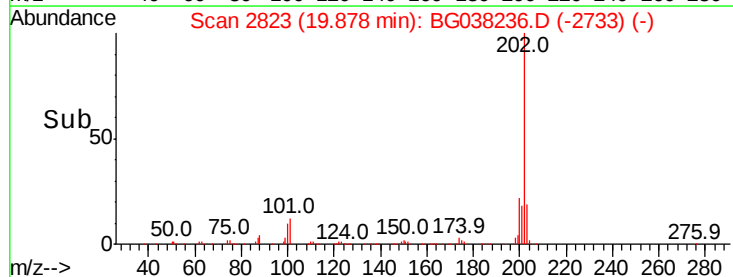
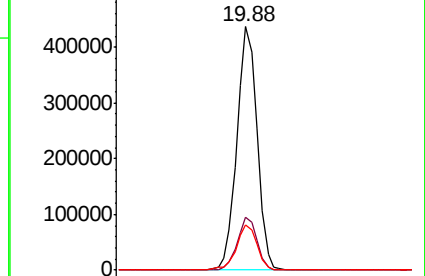
203 18.6 15.2 22.8

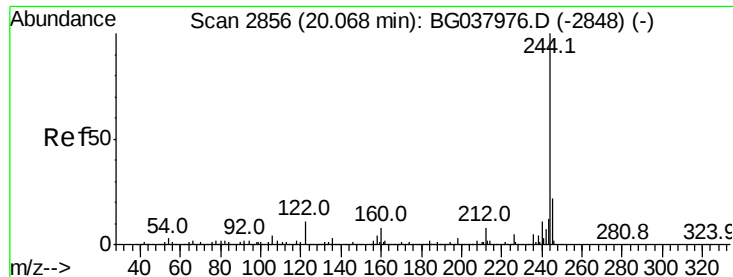


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.400 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

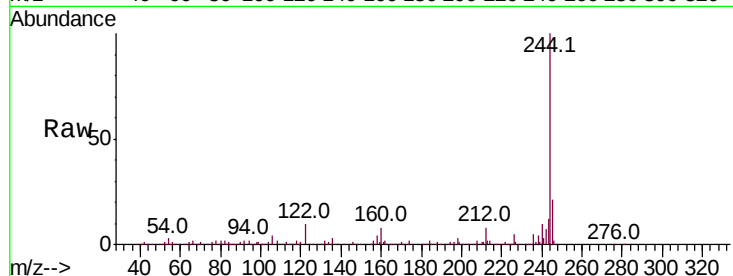
Tot Ion:244 Resp: 697447

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

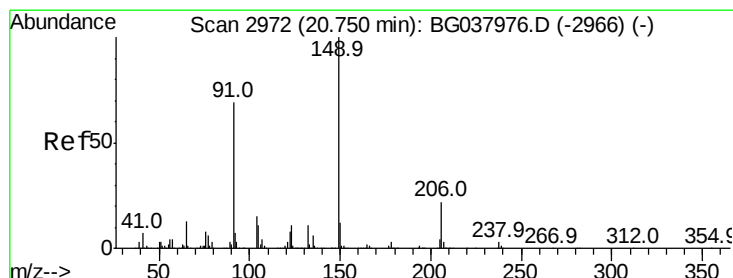
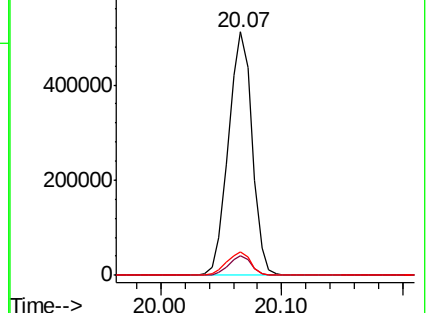
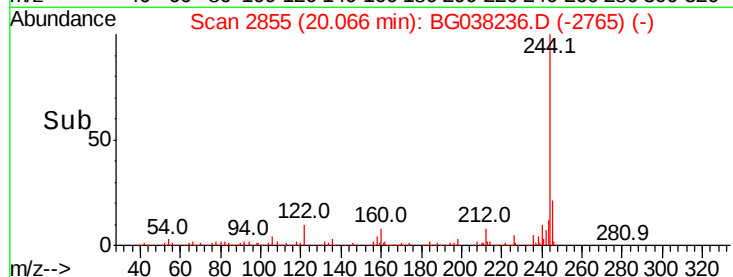
122 9.9 9.0 13.4



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: 46.683 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

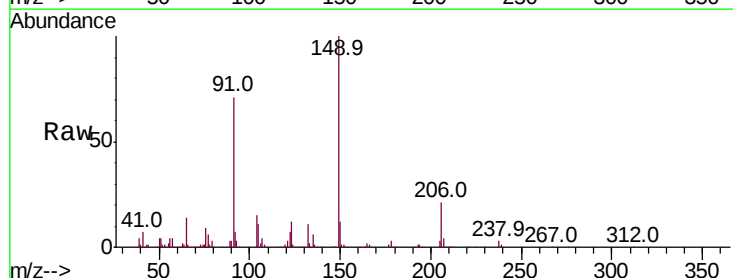
Tgt Ion:149 Resp: 286712

Ion Ratio Lower Upper

149 100

91 70.7 57.0 85.4

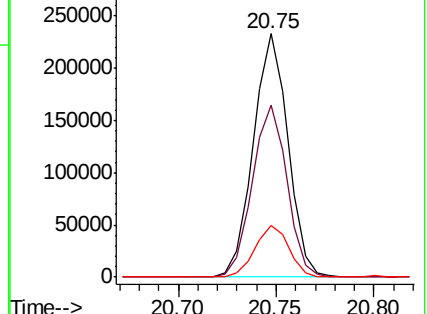
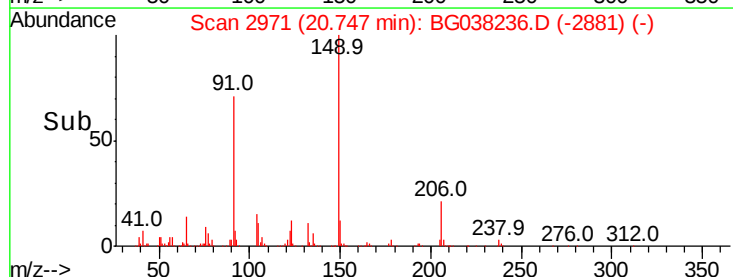
206 21.2 17.8 26.6

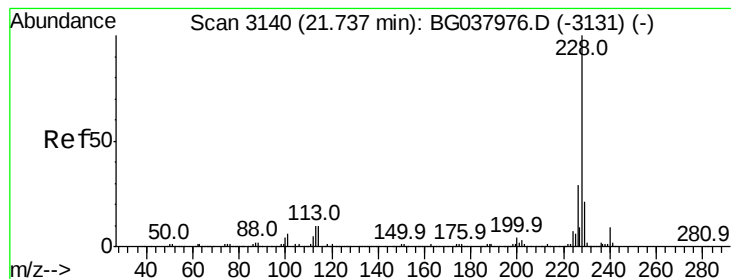


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.272 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

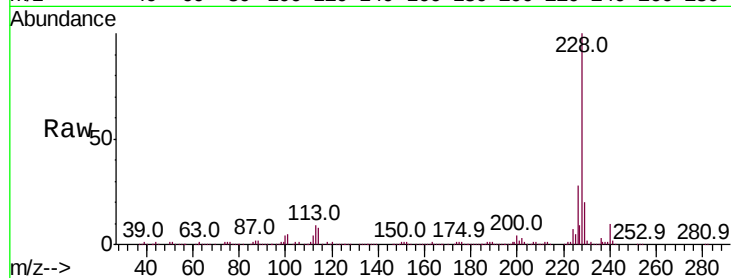
Tot Ion:228 Resp: 613629

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	16.3	24.5

228 100

226 28.2 22.6 33.8

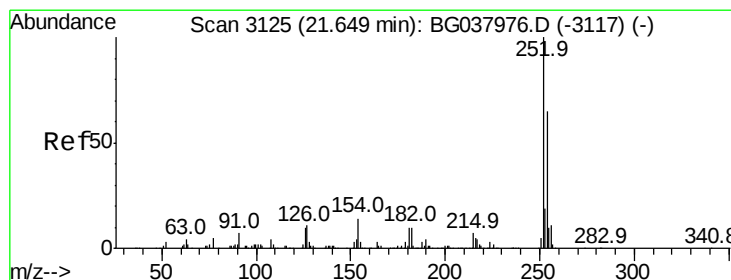
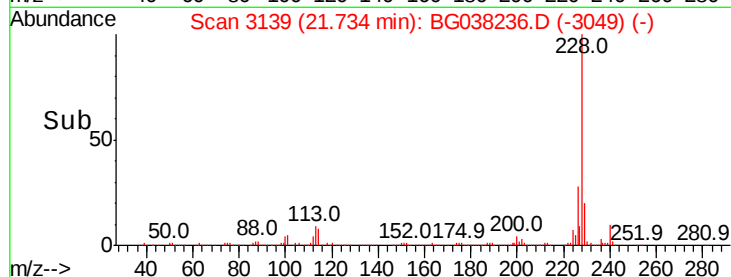
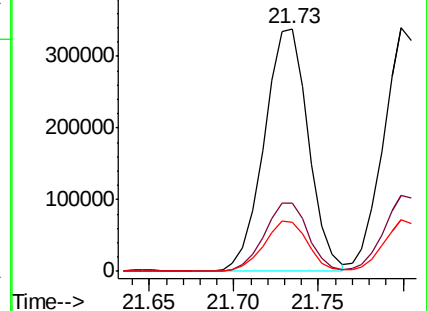
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.306 ng

RT: 21.65 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

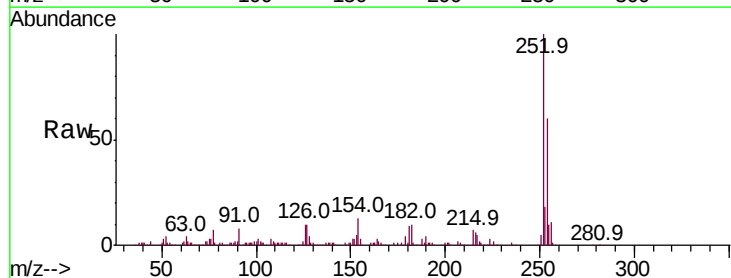
Tgt Ion:252 Resp: 173467

Ion	Ratio	Lower	Upper
252	100		
254	59.9	52.0	78.0
126	9.7	8.2	12.4

252 100

254 59.9 52.0 78.0

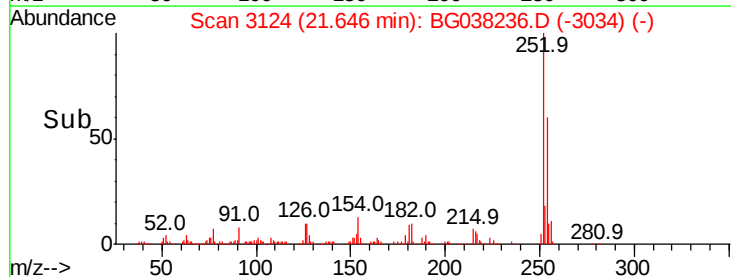
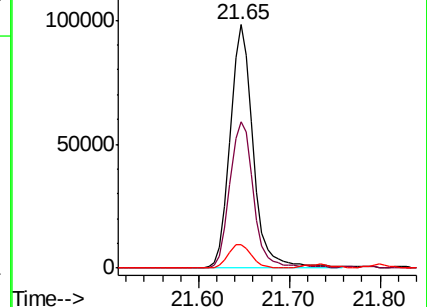
126 9.7 8.2 12.4

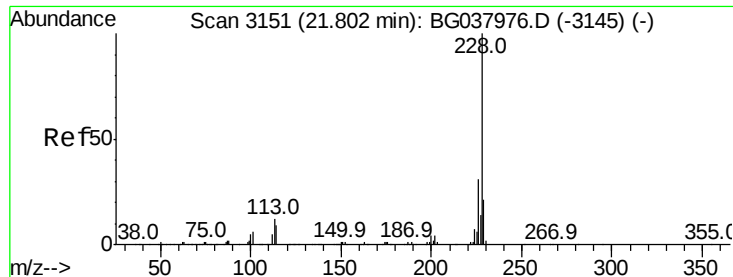


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.613 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

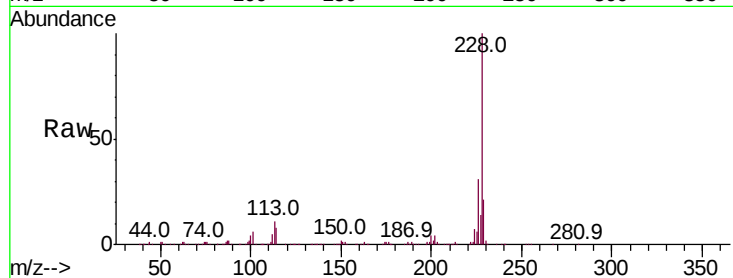
Tot Ion:228 Resp: 578921

Ion Ratio Lower Upper

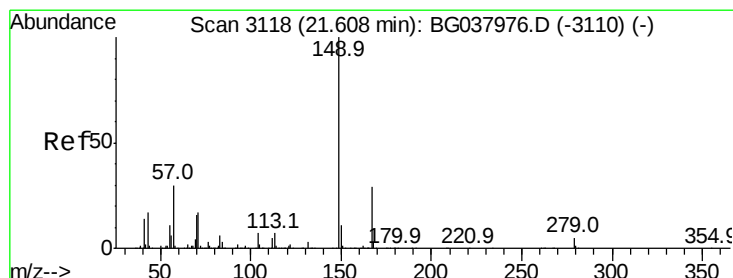
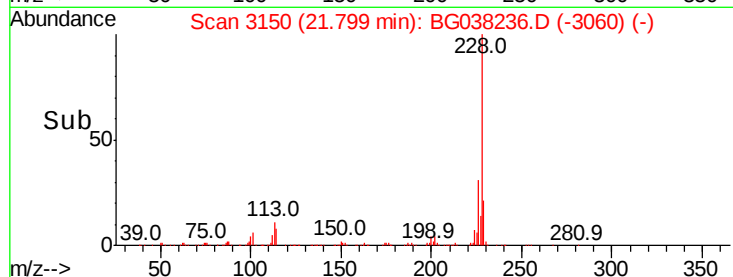
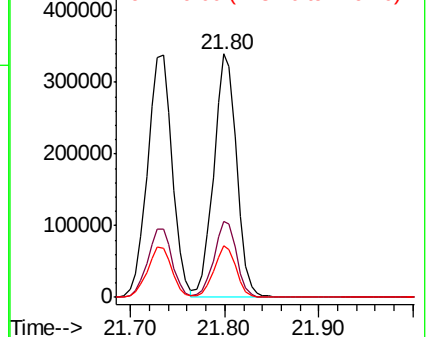
228 100

226 31.3 25.7 38.5

229 21.0 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: 46.178 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

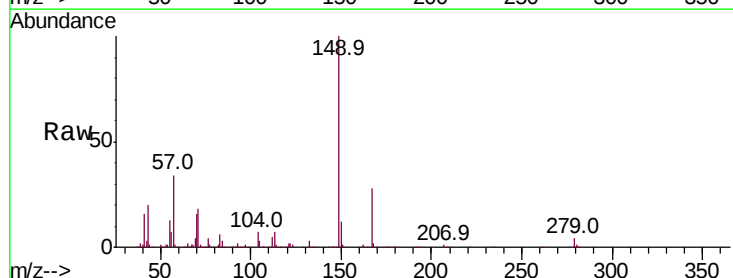
Tgt Ion:149 Resp: 404458

Ion Ratio Lower Upper

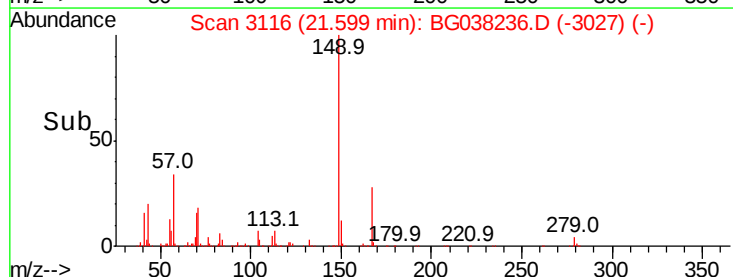
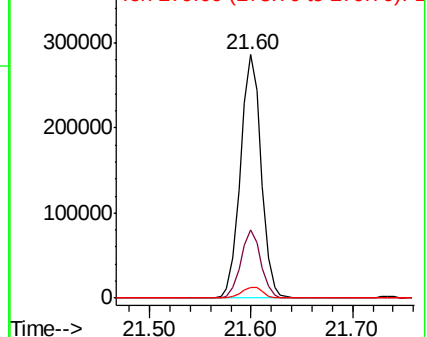
149 100

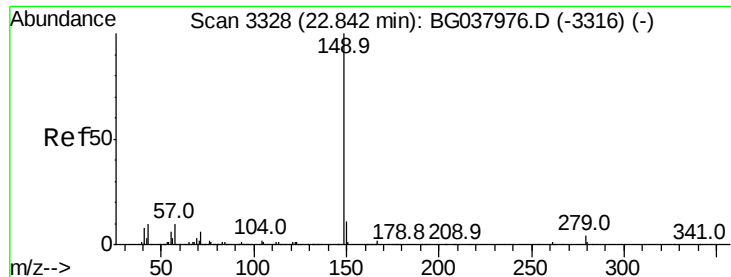
167 28.2 23.0 34.4

279 4.4 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

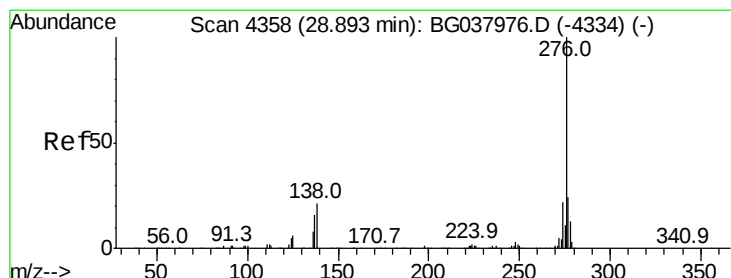
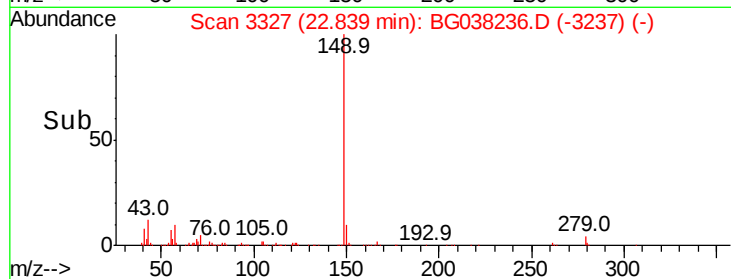
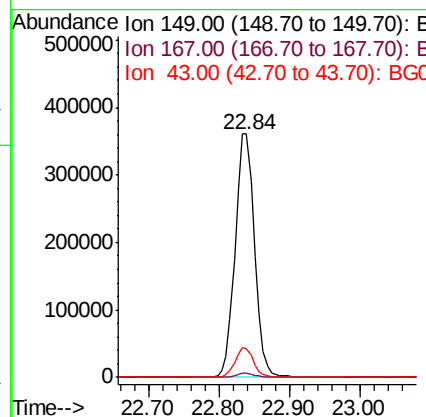
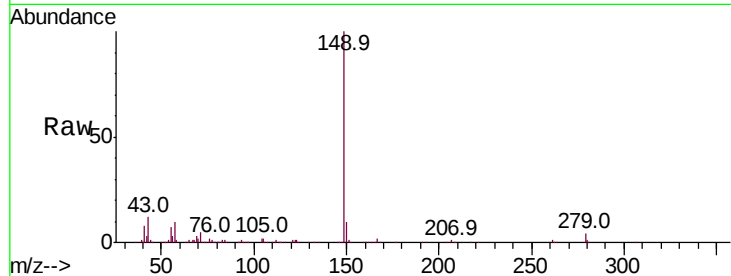




#85
Di-n-octyl phthalate
Concen: 48.667 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

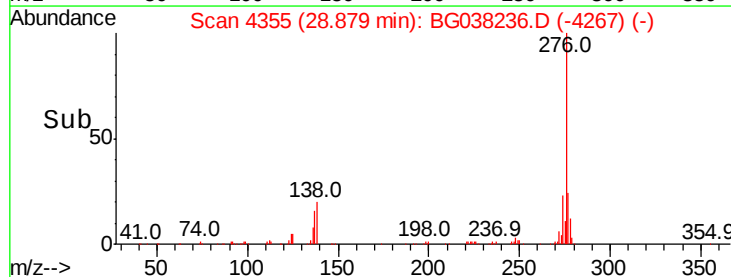
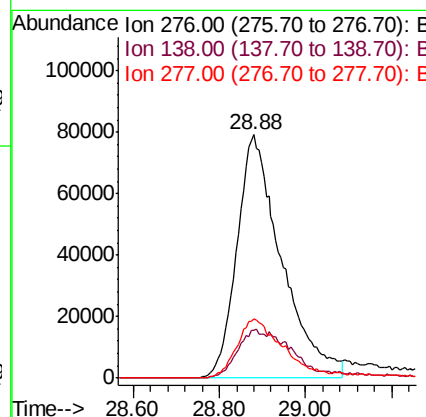
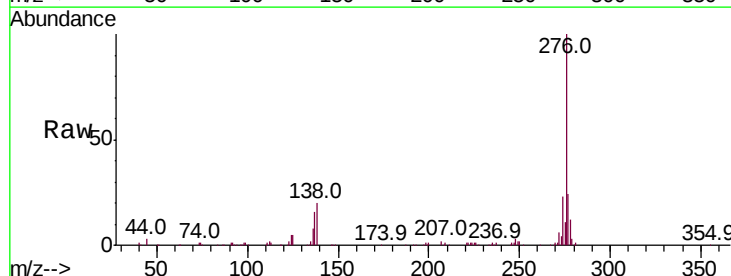
Instrument :
BNA_G
ClientSampleId :
PB115157BSD

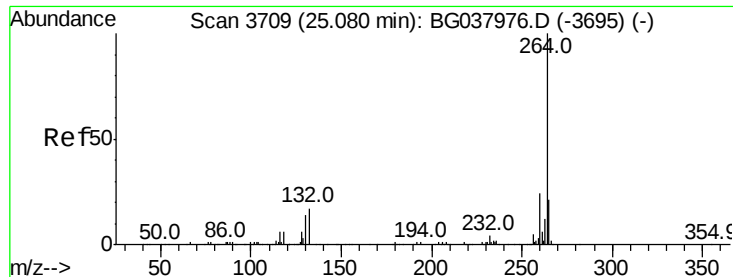
Tot Ion:149 Resp: 689602
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.456 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:276 Resp: 571843
Ion Ratio Lower Upper
276 100
138 12.2 12.0 18.0
277 25.1 20.6 30.8



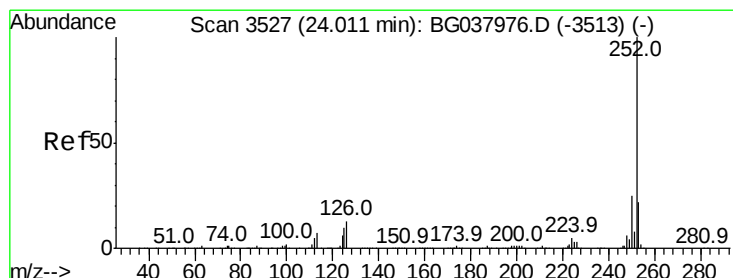
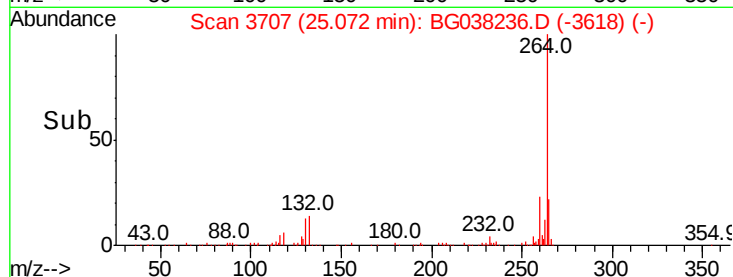
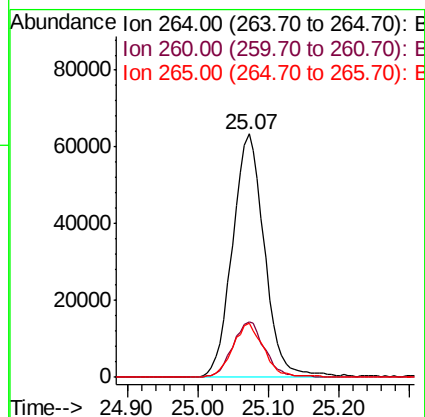
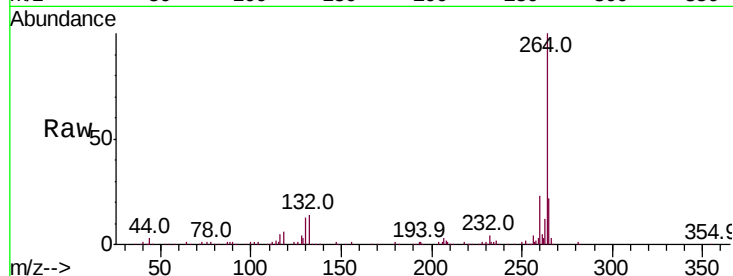


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:264 Resp: 199823

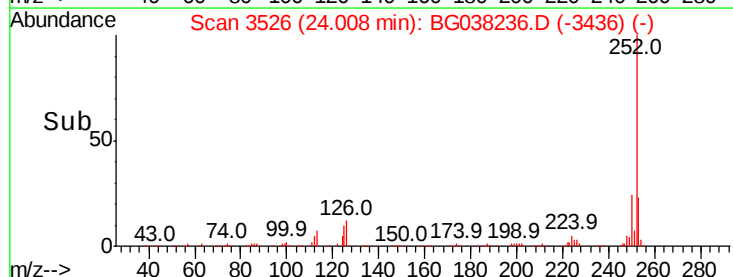
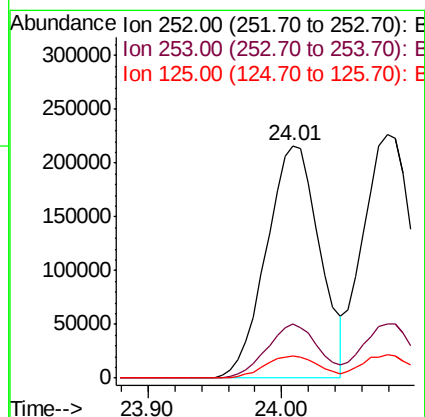
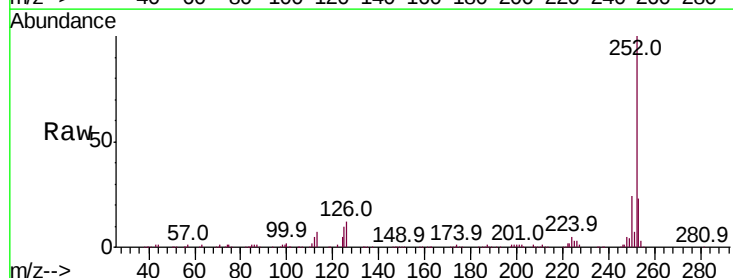
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	22.1	17.9	26.9

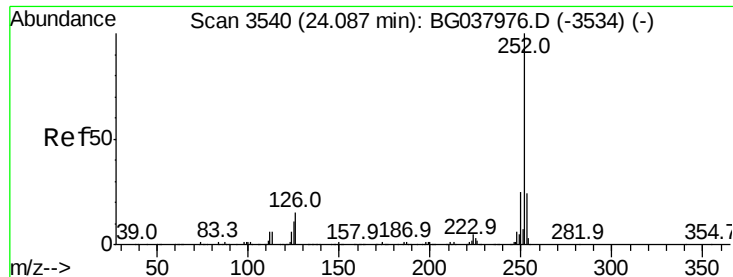


#88
Benzo(b)fluoranthene
Concen: 54.550 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.00 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:252 Resp: 599850

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 54.294 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

Instrument :

BNA_G

ClientSampleId :

PB115157BSD

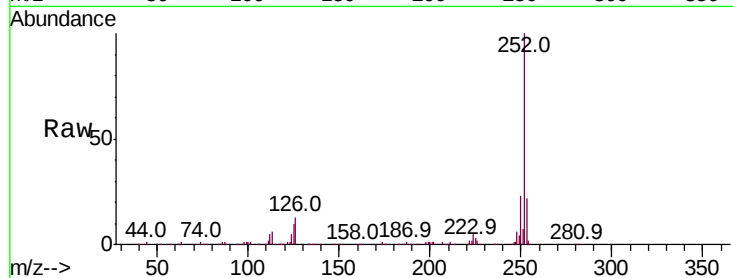
Tot Ion:252 Resp: 589131

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

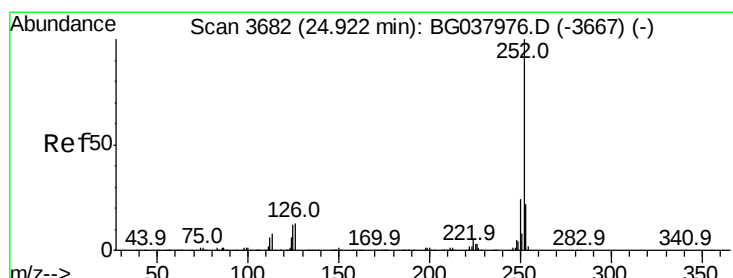
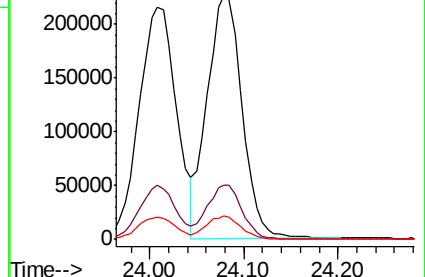
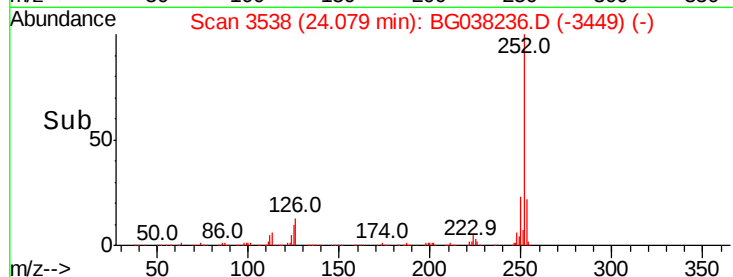
125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.700 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG038236.D

Acq: 29 Nov 2018 17:03

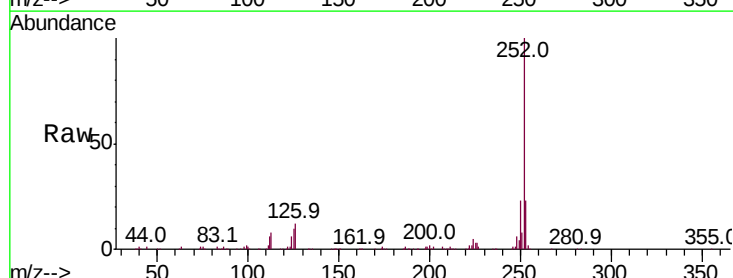
Tgt Ion:252 Resp: 585355

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

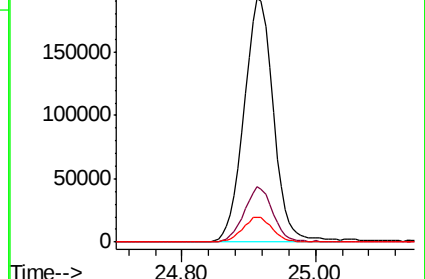
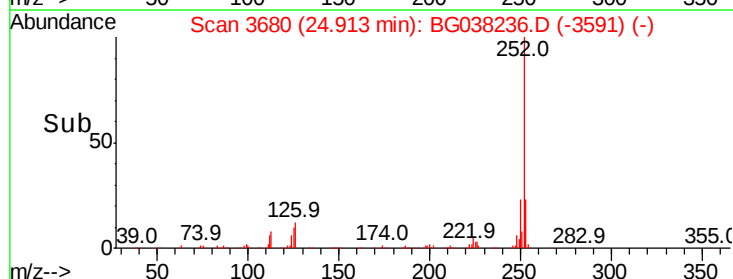
125 10.3 9.0 13.6

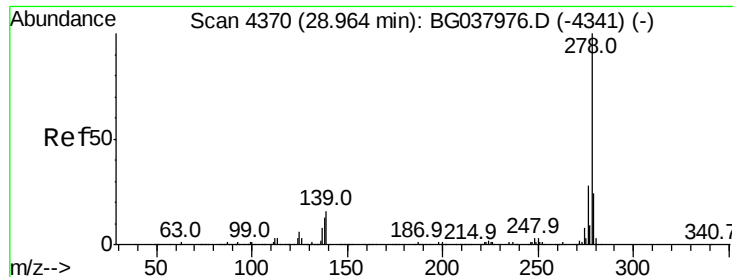


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

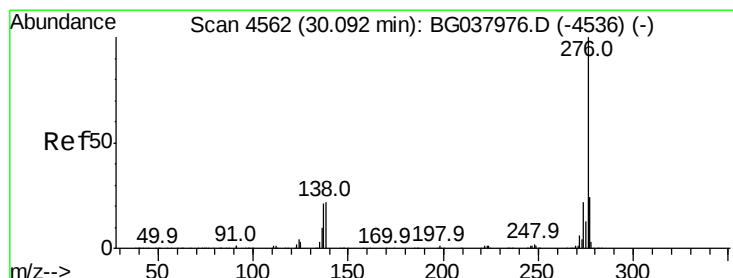
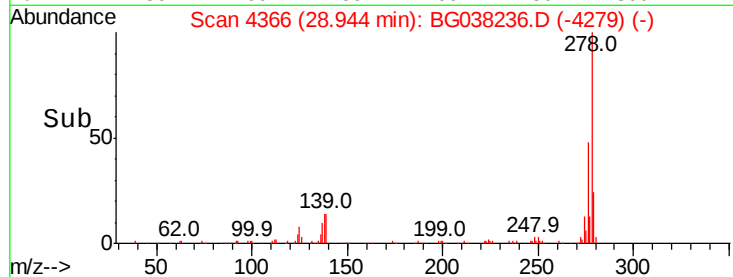
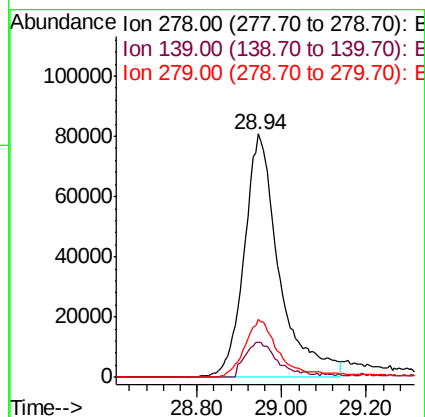
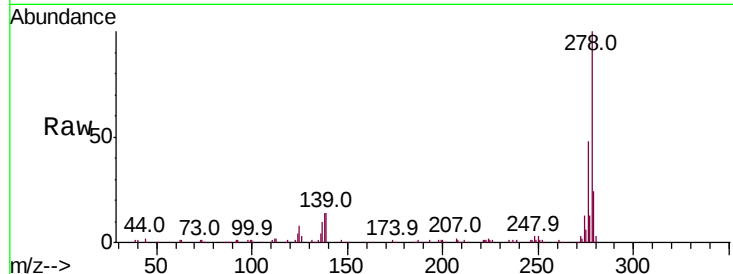




#91
Dibenzo(a,h)anthracene
Concen: 46.151 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Instrument :
BNA_G
ClientSampleId :
PB115157BSD

Tot Ion:278 Resp: 466652
Ion Ratio Lower Upper
278 100
139 14.4 11.5 17.3
279 23.9 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 47.619 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038236.D
Acq: 29 Nov 2018 17:03

Tgt Ion:276 Resp: 478766
Ion Ratio Lower Upper
276 100
277 22.3 18.9 28.3
138 19.3 17.2 25.8

