

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039068.D
 Acq On : 11 Jan 2019 1:12
 Operator : JU/SJ
 Sample : PB116306BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:13:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18919	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89205	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	75472	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	208964	20.00	ng	0.00
76) Chrysene-d12	21.69	240	171418	20.00	ng	0.00
87) Perylene-d12	24.97	264	189619	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	170227	170.68	ng	0.00
7) Phenol-d6	7.19	99	252161	175.69	ng	0.00
23) Nitrobenzene-d5	9.21	82	145199	89.07	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	197398	156.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	468151	84.89	ng	0.00
79) Terphenyl-d14	20.02	244	875018	94.43	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	11110	28.447	ng	93
3) Pyridine	3.86	79	33508	31.575	ng	97
4) n-Nitrosodimethylamine	3.78	42	23358	48.913	ng	87
6) Aniline	7.35	93	34064	19.762	ng	96
8) 2-Chlorophenol	7.59	128	66148	56.266	ng	97
9) Benzaldehyde	7.17	77	18788	22.699	ng	97
10) Phenol	7.22	94	83793	58.231	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	47599	43.280	ng	99
12) 1,3-Dichlorobenzene	7.91	146	57218	40.622	ng	96
13) 1,4-Dichlorobenzene	8.06	146	60068	42.107	ng	99
14) 1,2-Dichlorobenzene	8.38	146	60336	44.360	ng	96
15) Benzyl Alcohol	8.27	79	59784	55.311	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	94681	44.896	ng	99
17) 2-Methylphenol	8.48	107	59362	59.410	ng	97
18) Hexachloroethane	9.10	117	20255	41.794	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	45923	48.724	ng	95
20) 3+4-Methylphenols	8.80	107	83127	58.352	ng	97
22) Acetophenone	8.86	105	95544	41.013	ng	# 97
24) Nitrobenzene	9.25	77	70839	42.991	ng	98
25) Isophorone	9.76	82	142421	50.717	ng	99
26) 2-Nitrophenol	9.96	139	40755	45.727	ng	# 94
27) 2,4-Dimethylphenol	10.01	122	74641	59.526	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	76502	45.329	ng	98
29) 2,4-Dichlorophenol	10.49	162	86954	55.820	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	78792	42.096	ng	99
31) Naphthalene	10.90	128	210387	47.024	ng	99
32) Benzoic acid	10.17	122	33893	44.746	ng	99
33) 4-Chloroaniline	11.02	127	26527	13.251	ng	99
34) Hexachlorobutadiene	11.15	225	50137	38.930	ng	98
35) Caprolactam	11.81	113	19125	30.617	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	94289	56.592	ng	91
37) 2-Methylnaphthalene	12.50	142	173755	51.800	ng	98
38) 1-Methylnaphthalene	12.72	142	167638	52.067	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	115508	40.752	ng	100

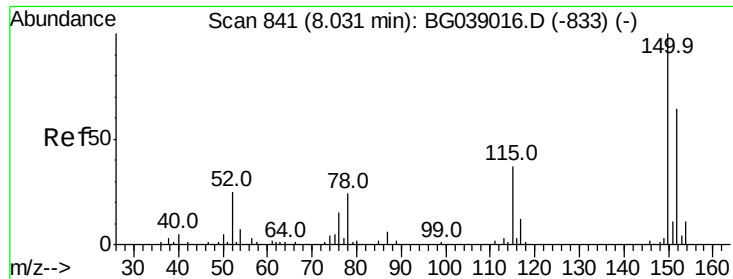
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039068.D
 Acq On : 11 Jan 2019 1:12
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	120545	75.834	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	87583	49.096	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	98929	52.470	ng	96
46) 1,1'-Biphenyl	13.50	154	248837	41.610	ng	99
47) 2-Chloronaphthalene	13.55	162	204263	42.209	ng	100
48) 2-Nitroaniline	13.76	65	64177	47.336	ng	97
49) Acenaphthylene	14.40	152	349210	48.009	ng	99
50) Dimethylphthalate	14.12	163	295811	46.382	ng	100
51) 2,6-Dinitrotoluene	14.26	165	68149	47.794	ng	97
52) Acenaphthene	14.73	154	197822	45.265	ng	95
53) 3-Nitroaniline	14.59	138	26518	18.333	ng	# 97
54) 2,4-Dinitrophenol	14.80	184	35317	44.025	ng	93
55) Dibenzofuran	15.07	168	351117	45.490	ng	99
56) 4-Nitrophenol	14.91	139	97401	93.585	ng	98
57) 2,4-Dinitrotoluene	15.04	165	98173	47.990	ng	96
58) Fluorene	15.72	166	289693	49.862	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	95843	53.851	ng	98
60) Diethylphthalate	15.48	149	313077	47.645	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	166490	45.486	ng	99
62) 4-Nitroaniline	15.76	138	69388	46.048	ng	98
63) Azobenzene	16.00	77	238572	46.427	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	42573	27.500	ng	90
66) n-Nitrosodiphenylamine	15.93	169	272853	44.046	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	119226	44.386	ng	96
68) Hexachlorobenzene	16.72	284	128748	43.925	ng	96
69) Atrazine	16.87	200	115427	43.862	ng	98
70) Pentachlorophenol	17.07	266	102093	58.087	ng	96
71) Phenanthrene	17.46	178	520733	47.146	ng	99
72) Anthracene	17.55	178	525570	48.126	ng	100
73) Carbazole	17.83	167	435675	40.412	ng	99
74) Di-n-butylphthalate	18.36	149	532225	44.377	ng	100
75) Fluoranthene	19.47	202	571676	41.751	ng	99
77) Benzidine	19.66	184	123330	23.523	ng	98
78) Pyrene	19.83	202	562782	51.517	ng	99
80) Butylbenzylphthalate	20.70	149	192379	46.302	ng	97
81) Benzo(a)anthracene	21.68	228	507901	48.673	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	86068	20.243	ng	99
83) Chrysene	21.75	228	473608	47.720	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	264191	45.794	ng	98
85) Di-n-octyl phthalate	22.76	149	456685	46.815	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	598094	50.434	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	513473	49.110	ng	100
89) Benzo(k)fluoranthene	24.00	252	493190	47.708	ng	97
90) Benzo(a)pyrene	24.83	252	499026	49.379	ng	98
91) Dibenzo(a,h)anthracene	28.80	278	500636	49.803	ng	98
92) Benzo(g,h,i)perylene	29.93	276	492416	49.481	ng	98

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

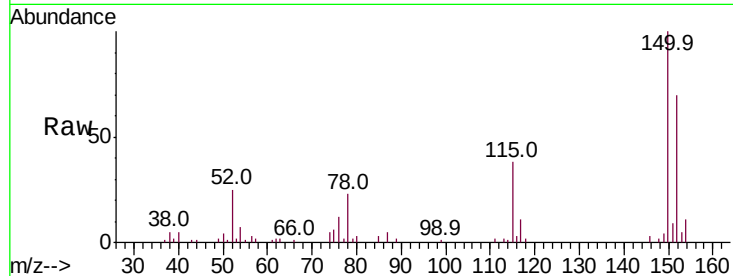


#1

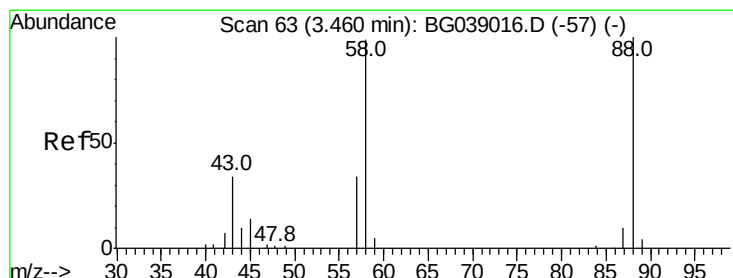
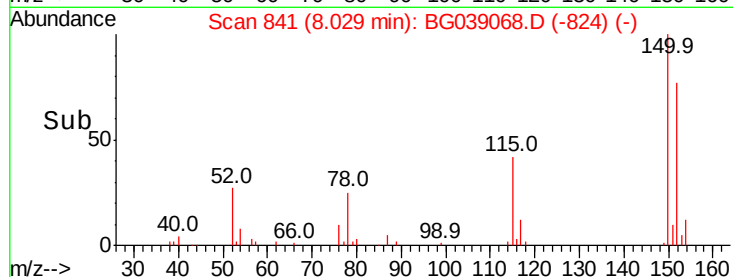
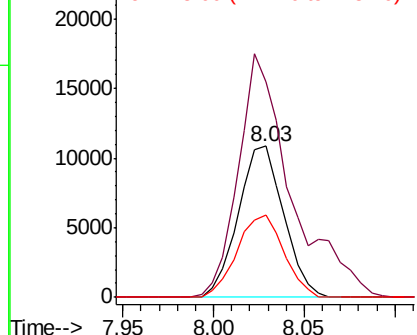
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18919
Ion Ratio Lower Upper
152 100
150 142.7 124.7 187.1
115 54.8 46.5 69.7



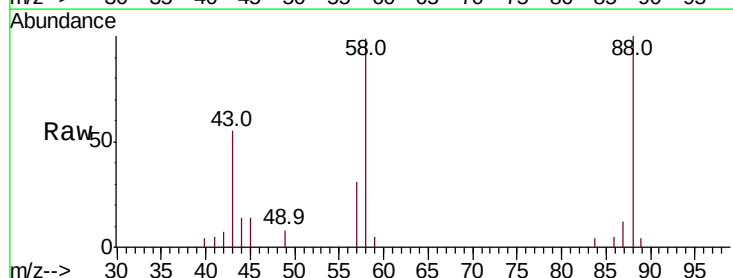
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



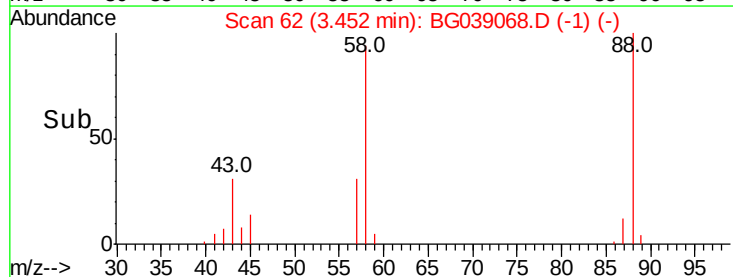
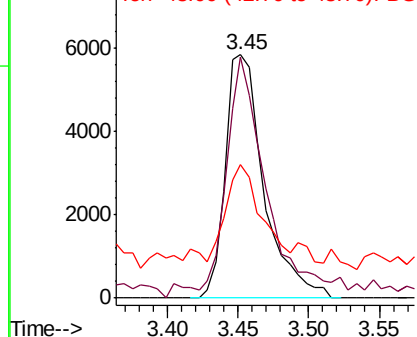
#2

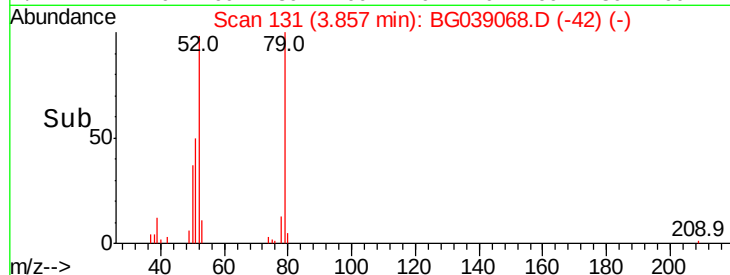
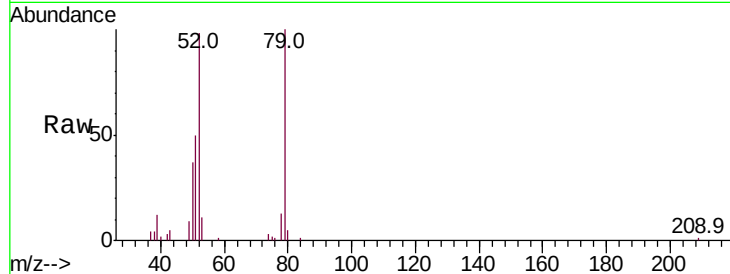
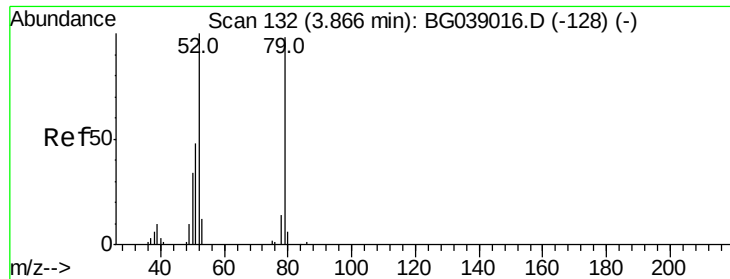
1,4-Dioxane
Concen: 28.447 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion: 88 Resp: 11110
Ion Ratio Lower Upper
88 100
58 98.4 72.4 108.6
43 36.9 27.6 41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC

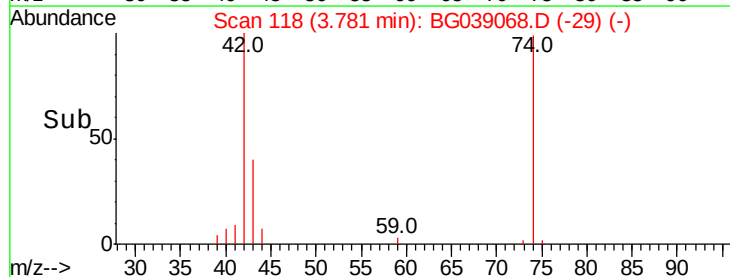
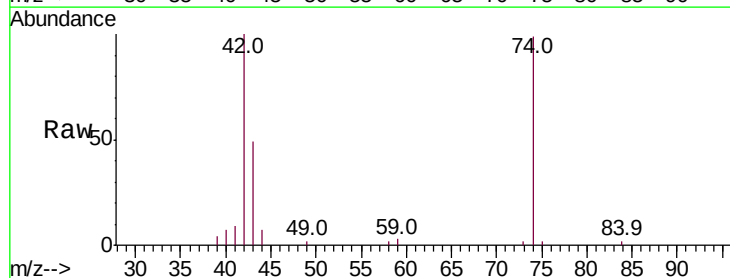
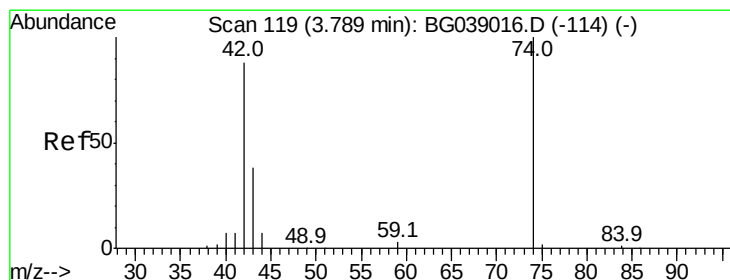
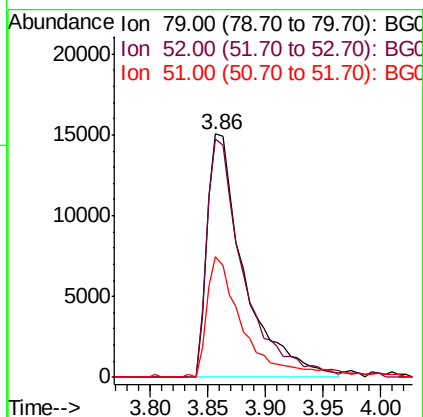




#3
Pvridine
Concen: 31.575 ng
RT: 3.86 min Scan# 131
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

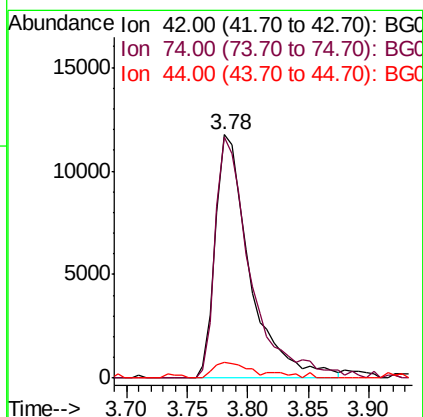
Instrument :
BNA_G
ClientSampleId :

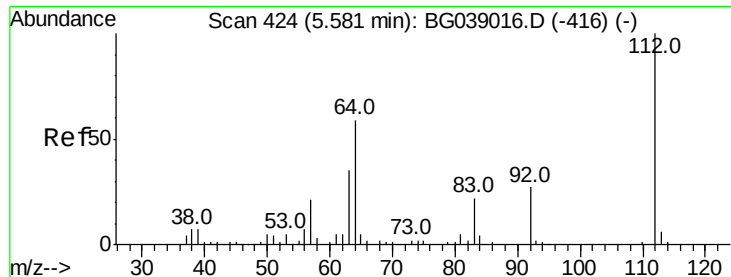
Tot Ion: 79 Resp: 33508
Ion Ratio Lower Upper
79 100
52 98.0 81.5 122.3
51 49.8 39.8 59.6



#4
n-Nitrosodimethylamine
Concen: 48.913 ng
RT: 3.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion: 42 Resp: 23358
Ion Ratio Lower Upper
42 100
74 98.9 90.7 136.1
44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 170.684 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

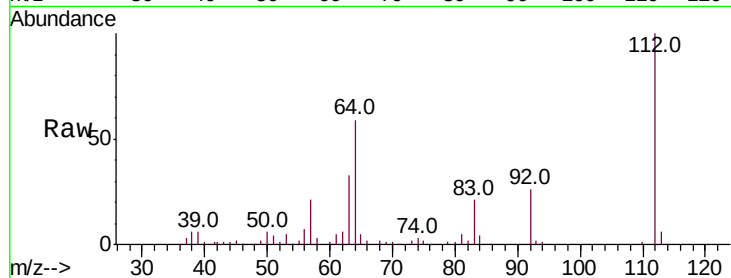
Tot Ion:112 Resp: 170227

Ion Ratio Lower Upper

112 100

64 59.0 47.0 70.6

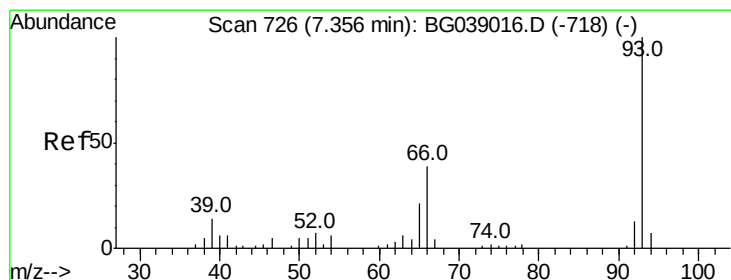
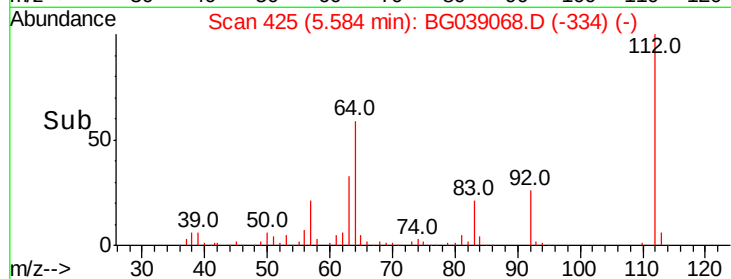
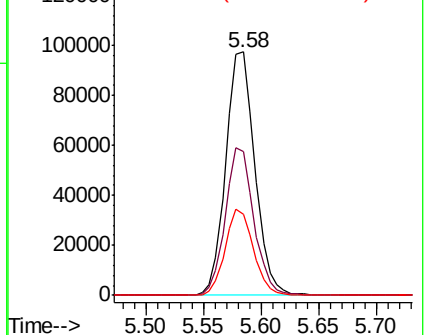
63 33.4 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.762 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

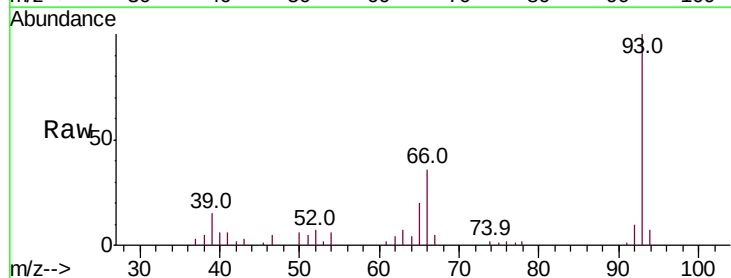
Tgt Ion: 93 Resp: 34064

Ion Ratio Lower Upper

93 100

66 35.6 30.9 46.3

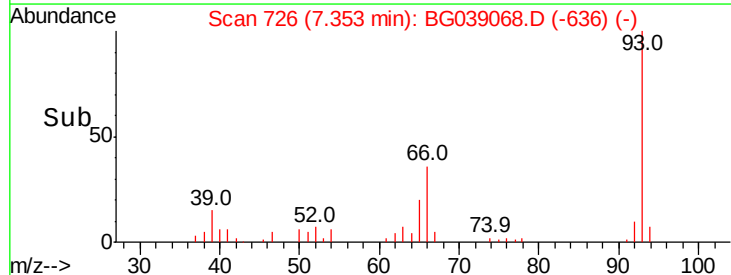
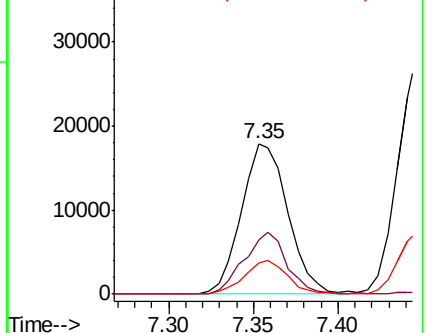
65 20.4 17.0 25.4

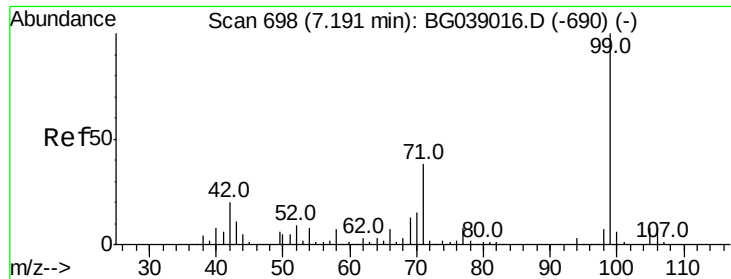


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 175.688 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

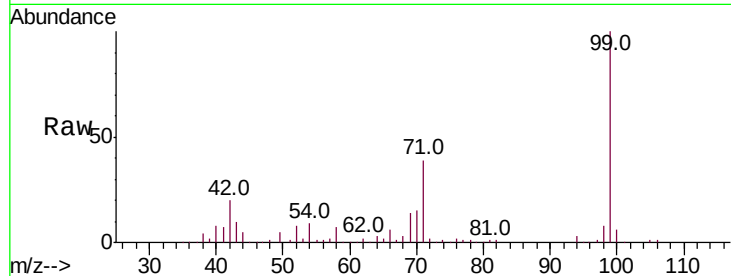
Tot Ion: 99 Resp: 252161

Ion Ratio Lower Upper

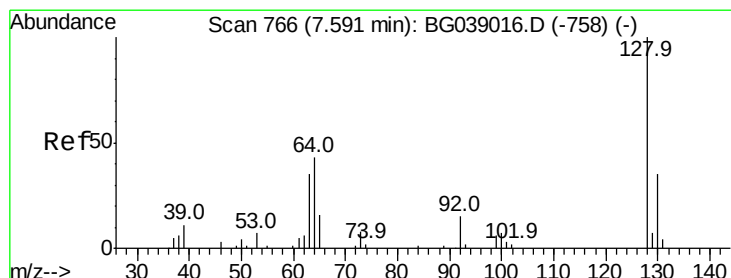
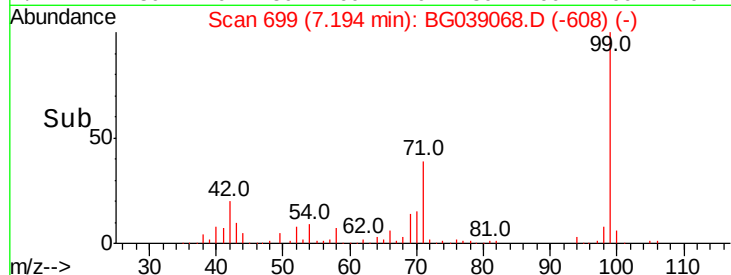
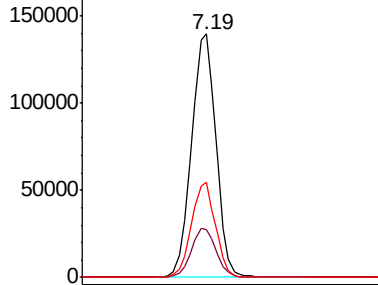
99 100

42 19.9 15.8 23.6

71 38.9 30.2 45.4



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: 56.266 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

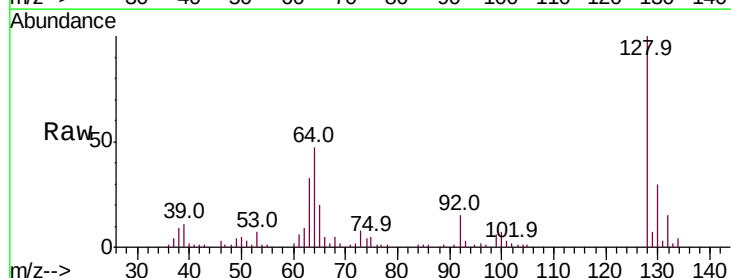
Tgt Ion:128 Resp: 66148

Ion Ratio Lower Upper

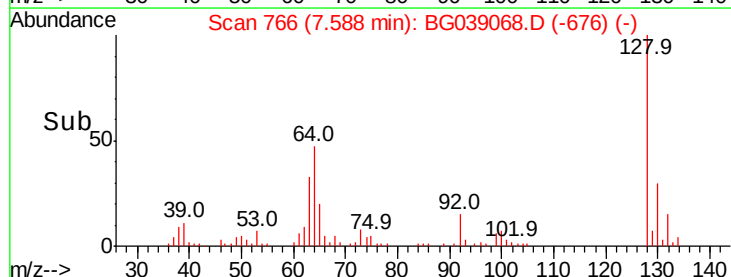
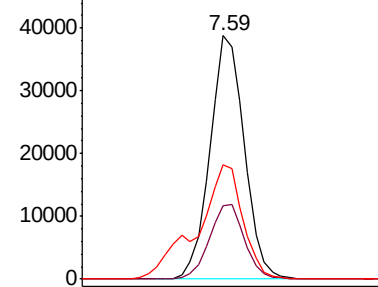
128 100

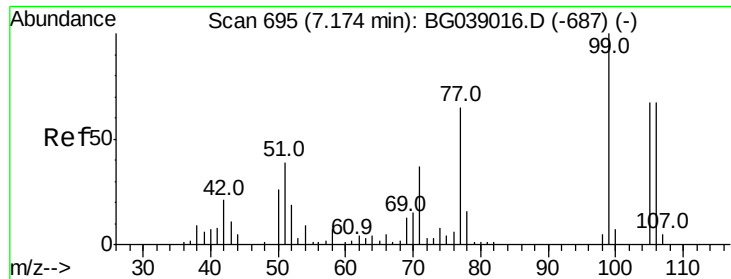
130 30.0 14.5 54.5

64 47.2 27.3 67.3



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: 22.699 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

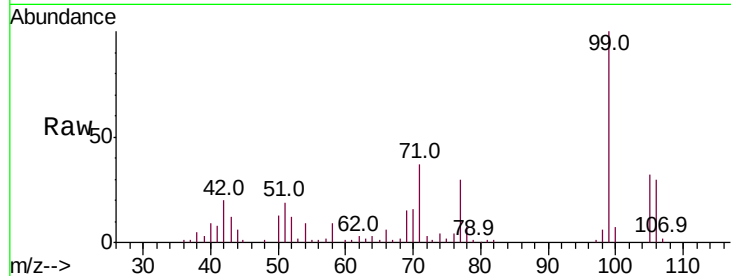
Tot Ion: 77 Resp: 18788

Ion Ratio Lower Upper

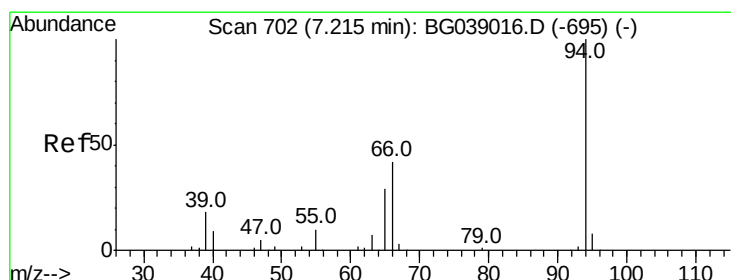
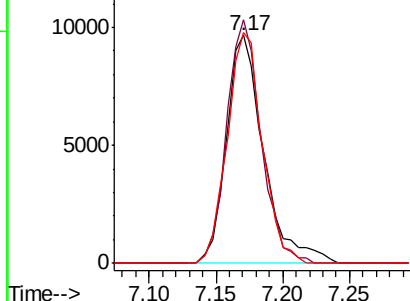
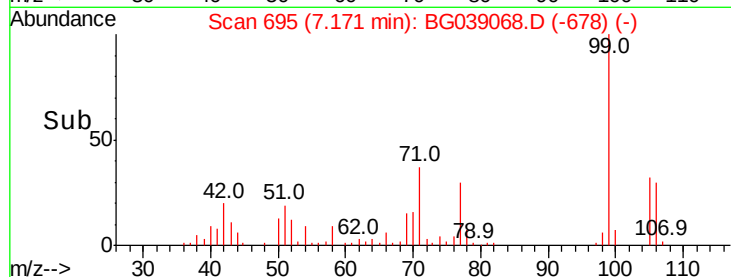
77 100

105 106.9 82.4 122.4

106 101.2 82.8 122.8



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: 58.231 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

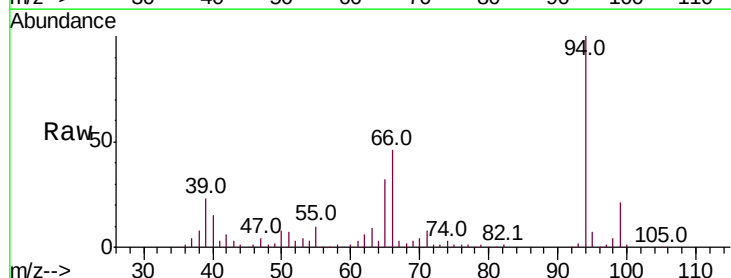
Tgt Ion: 94 Resp: 83793

Ion Ratio Lower Upper

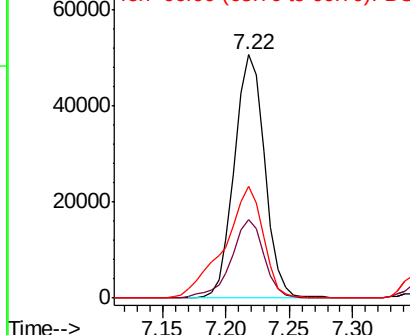
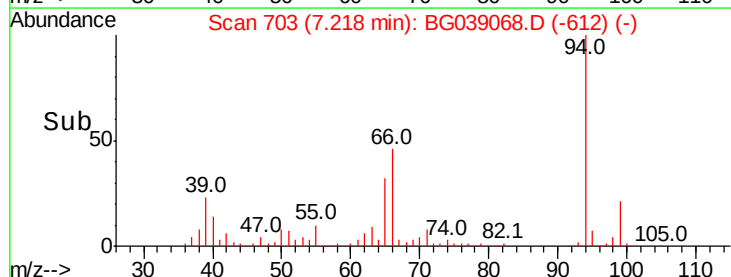
94 100

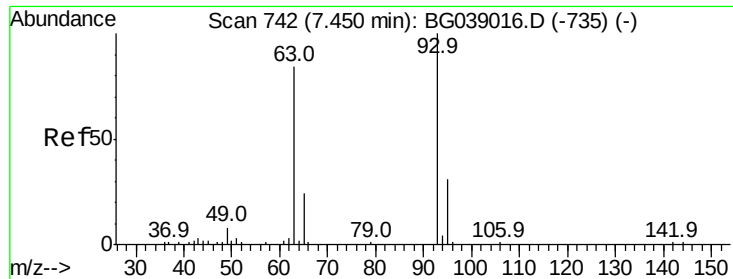
65 32.3 10.3 50.3

66 46.1 25.1 65.1



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: 43.280 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

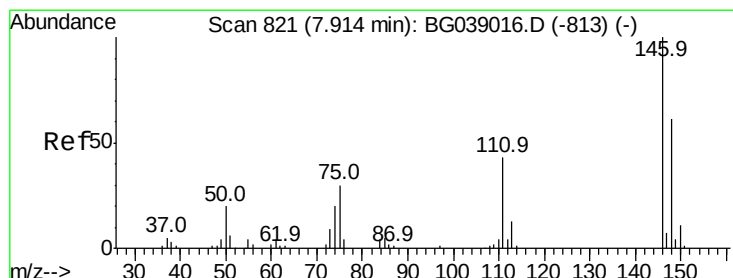
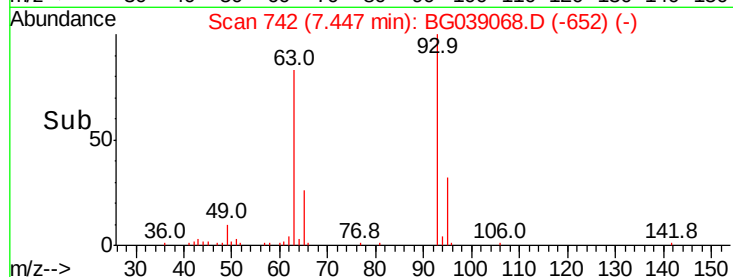
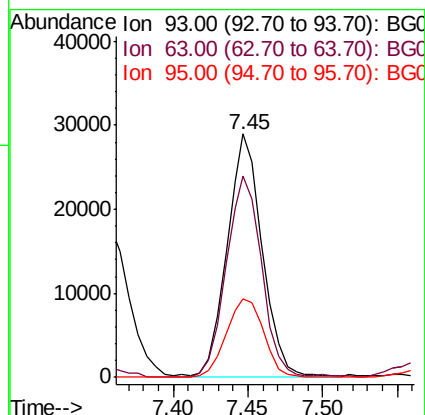
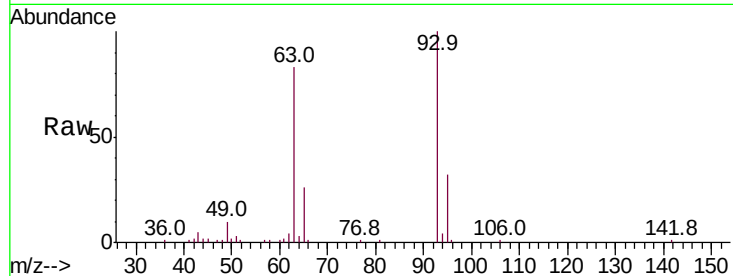
Tot Ion: 93 Resp: 47599

Ion Ratio Lower Upper

93 100

63 82.7 63.2 103.2

95 32.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 40.622 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

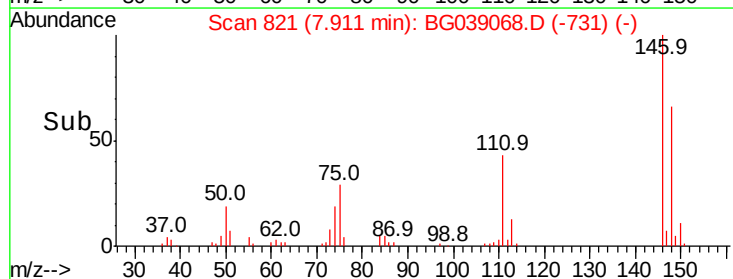
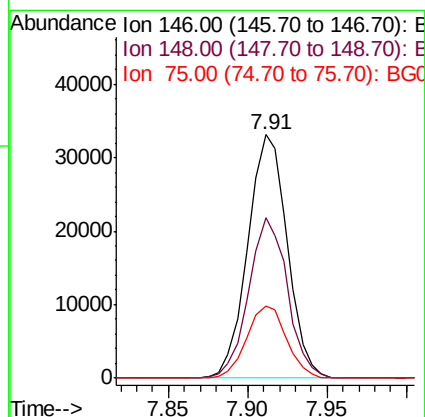
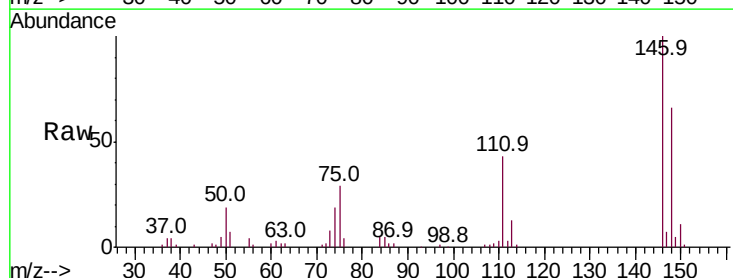
Tgt Ion: 146 Resp: 57218

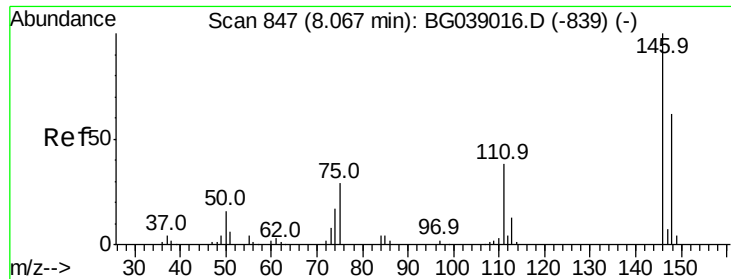
Ion Ratio Lower Upper

146 100

148 65.8 49.1 73.7

75 29.4 23.9 35.9

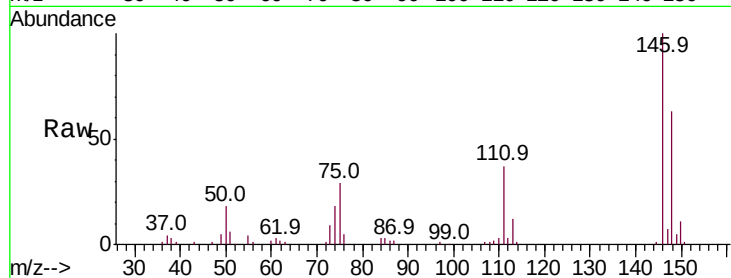




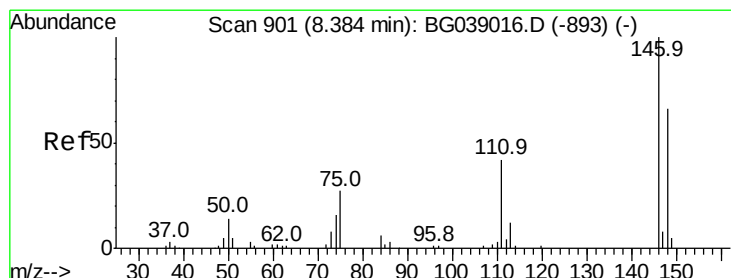
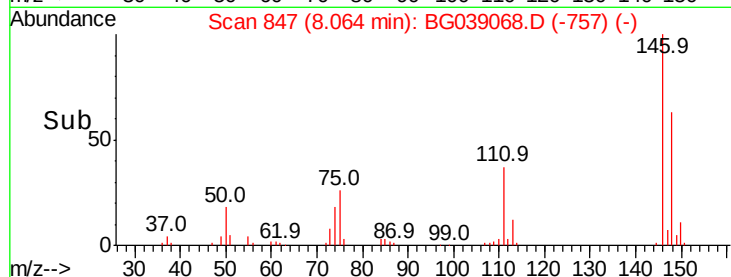
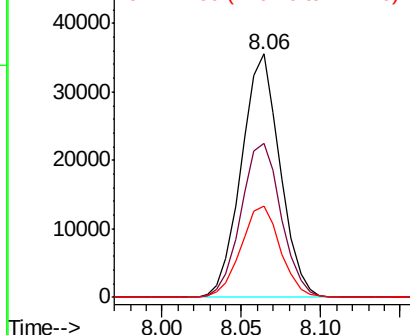
#13
 1,4-Dichlorobenzene
 Concen: 42.107 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.8	74.6
111	37.5	30.6	45.8

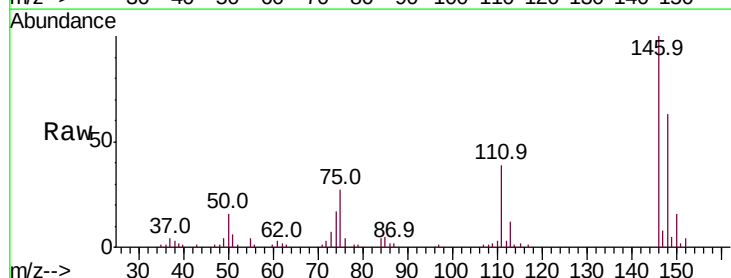


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

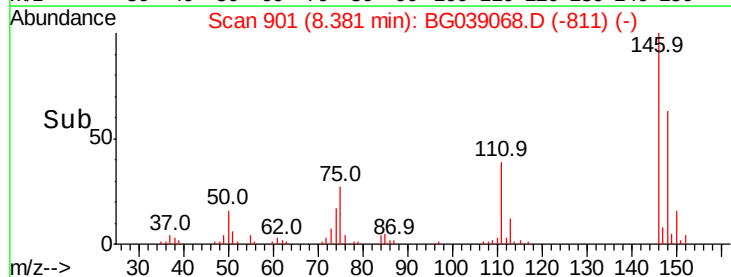
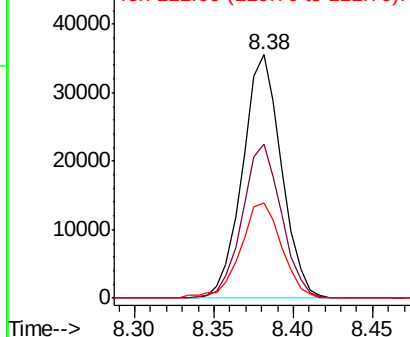


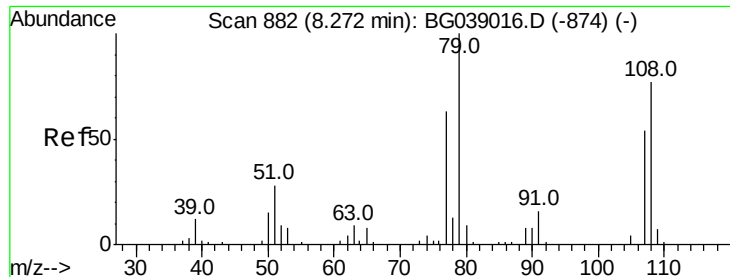
#14
 1,2-Dichlorobenzene
 Concen: 44.360 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	79.0
111	39.2	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 55.311 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

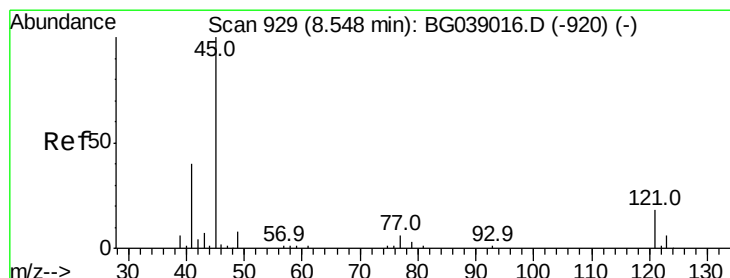
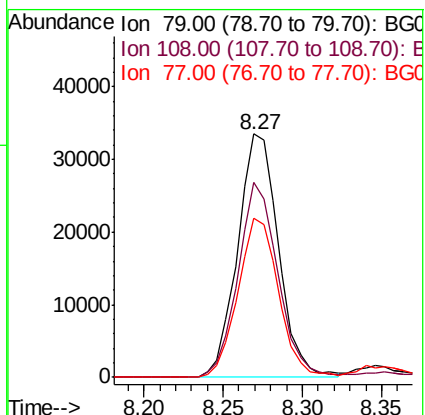
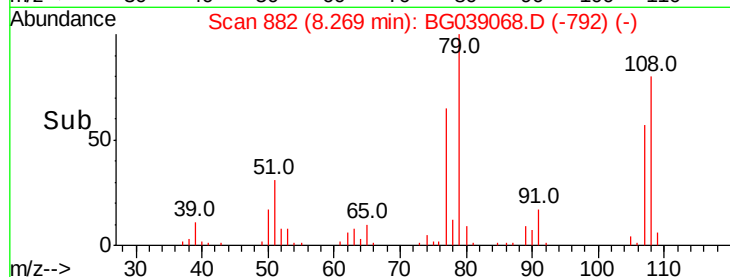
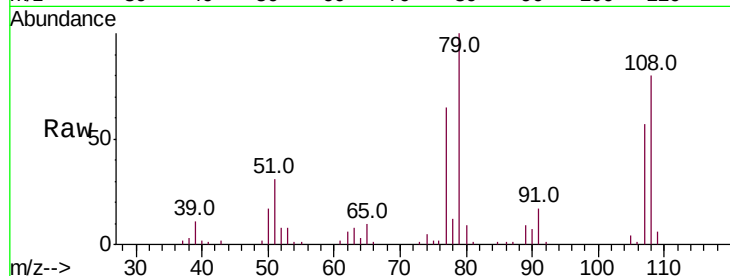
Tot Ion: 79 Resp: 59784

Ion Ratio Lower Upper

79 100

108 79.9 62.0 93.0

77 65.1 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.896 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

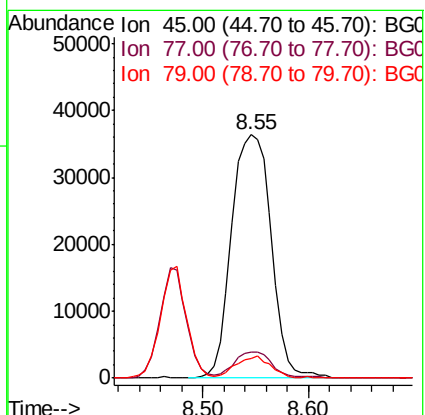
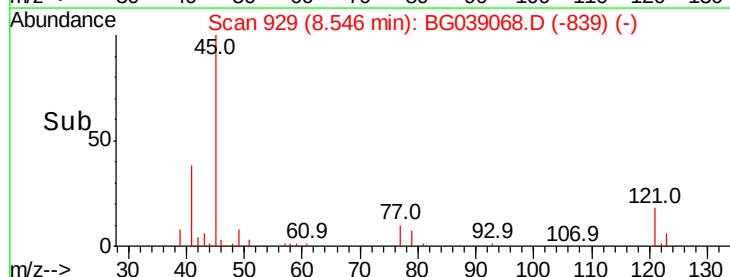
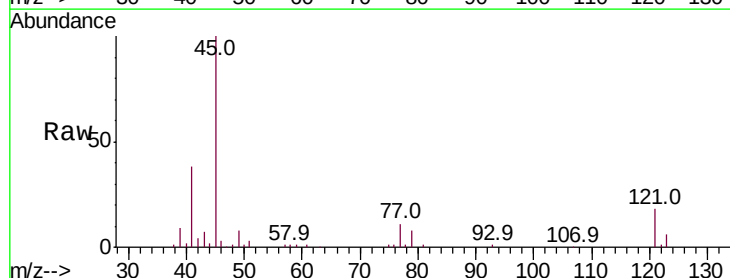
Tgt Ion: 45 Resp: 94681

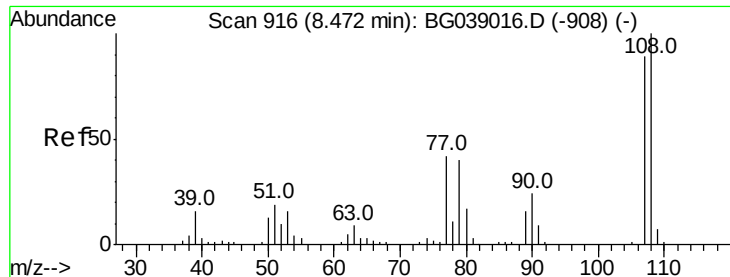
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.7

79 8.0 0.0 28.5

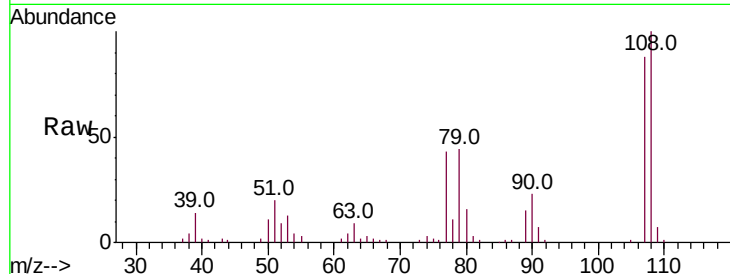




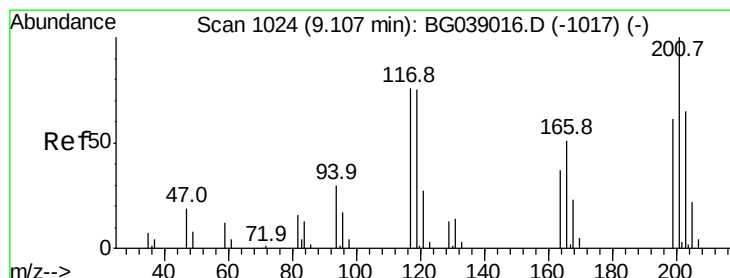
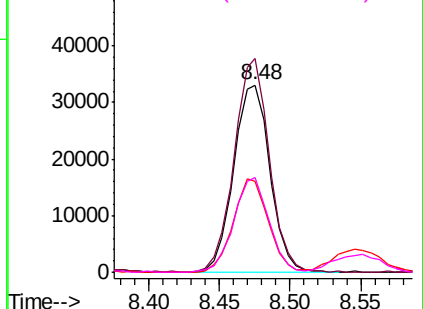
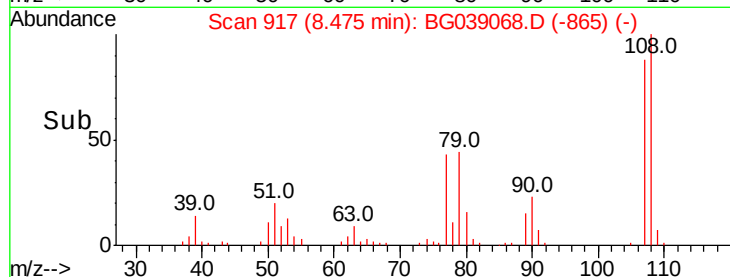
#17
2-Methylphenol
Concen: 59.410 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 59362
Ion Ratio Lower Upper
107 100
108 114.2 90.3 135.5
77 48.9 38.3 57.5
79 50.4 35.8 53.6

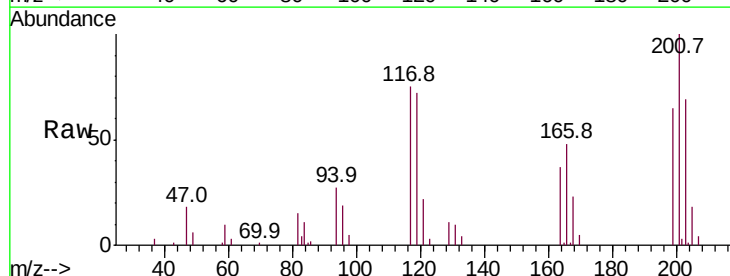


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

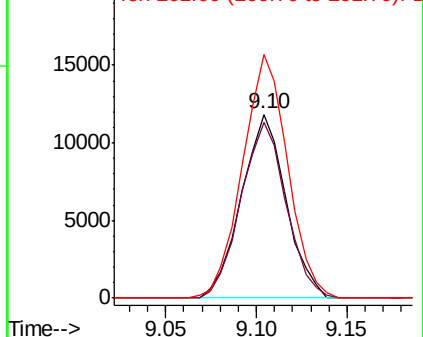
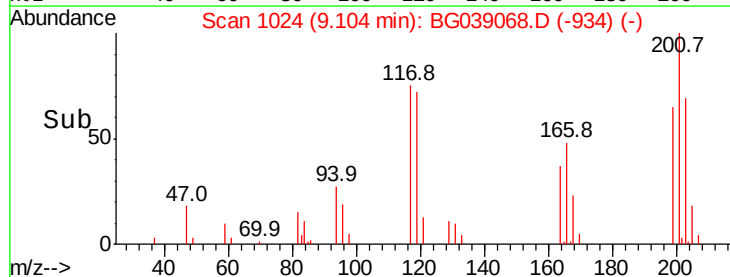


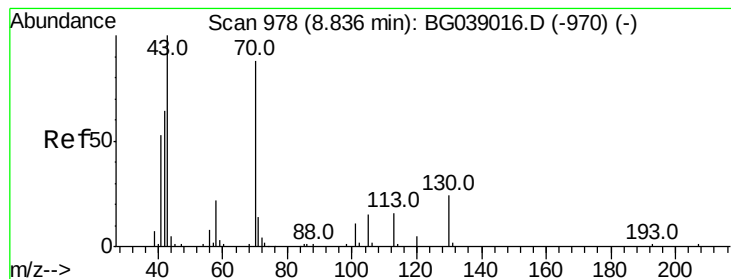
#18
Hexachloroethane
Concen: 41.794 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:117 Resp: 20255
Ion Ratio Lower Upper
117 100
119 95.8 78.7 118.1
201 132.5 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 48.724 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 45923

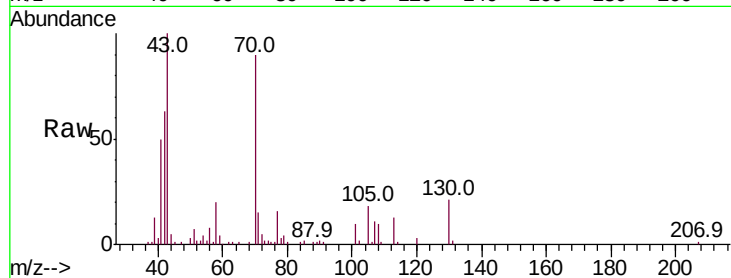
Ion Ratio Lower Upper

70 100

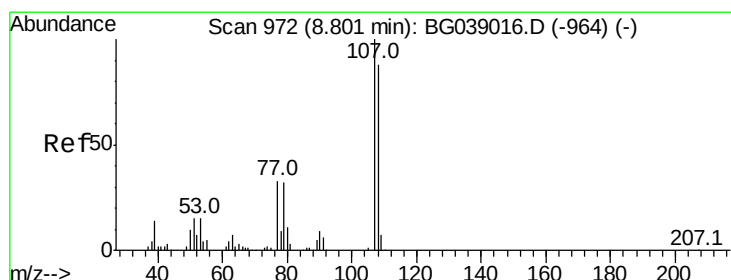
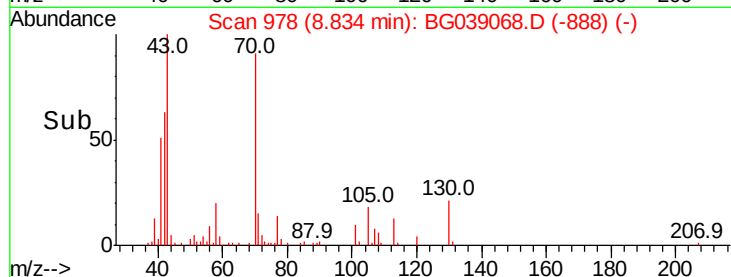
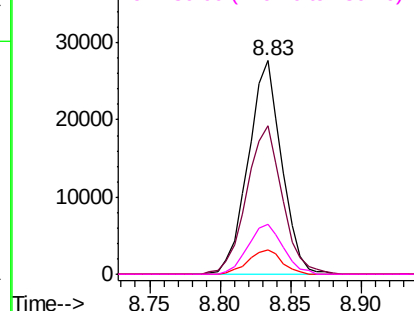
42 69.6 59.0 88.4

101 11.5 10.4 15.6

130 23.2 21.6 32.4



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: 58.352 ng

RT: 8.80 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion: 107 Resp: 83127

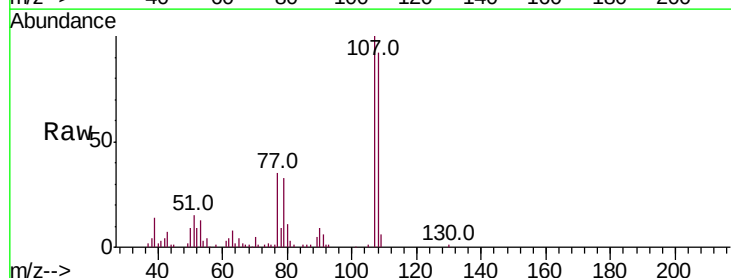
Ion Ratio Lower Upper

107 100

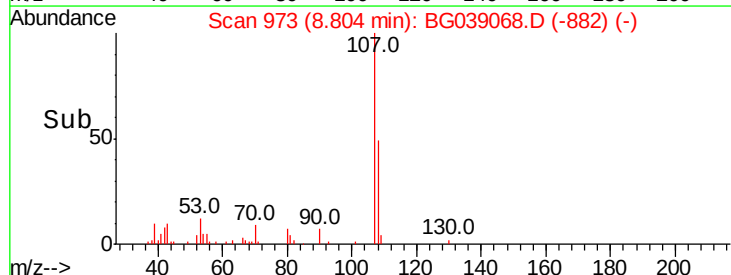
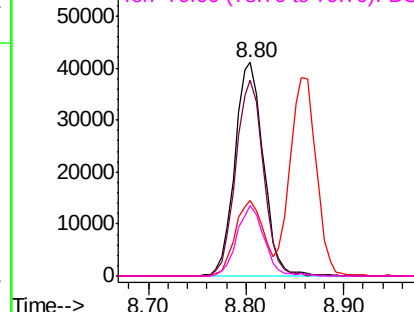
108 91.8 68.4 108.4

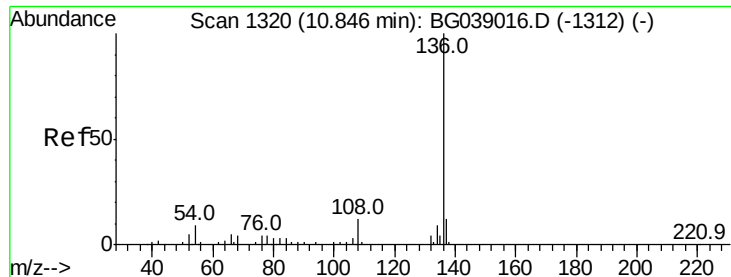
77 35.4 13.3 53.3

79 33.0 11.6 51.6



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

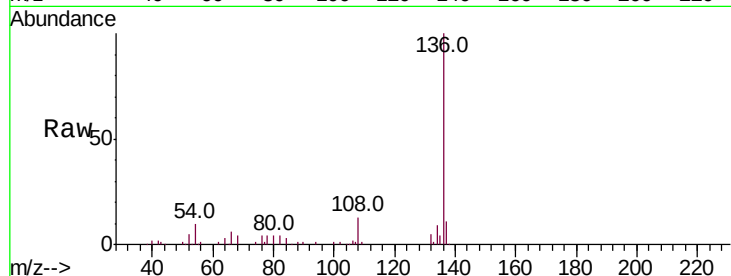




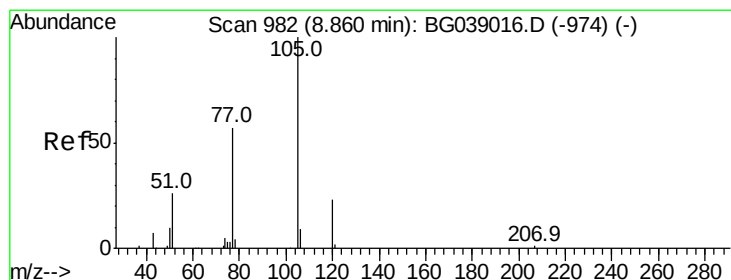
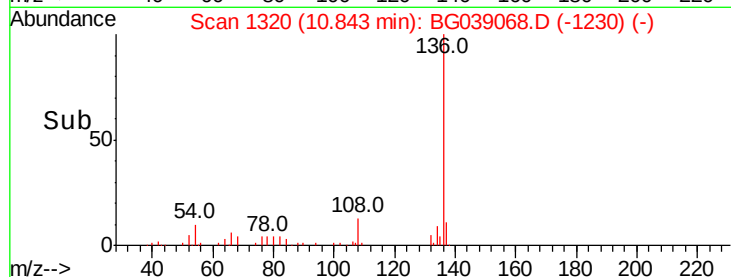
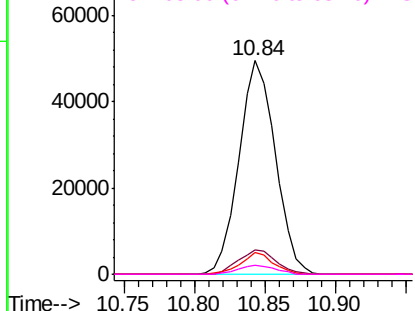
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	89205
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.4 14.2
54	10.0	7.2 10.8
68	4.1	3.5 5.3

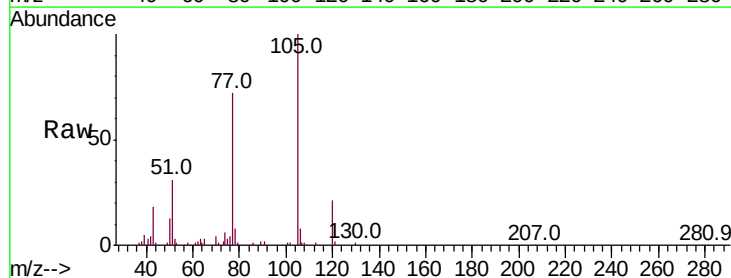


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

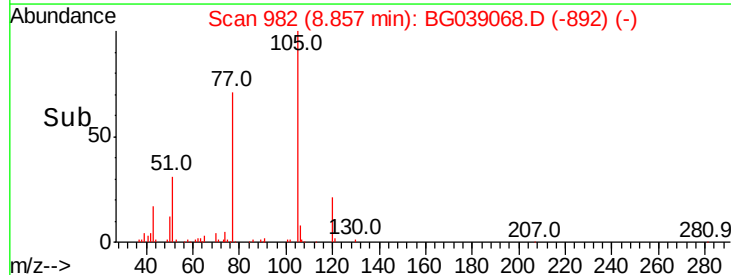
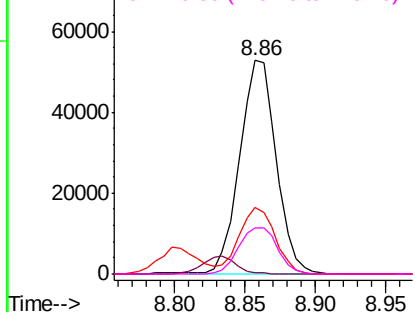


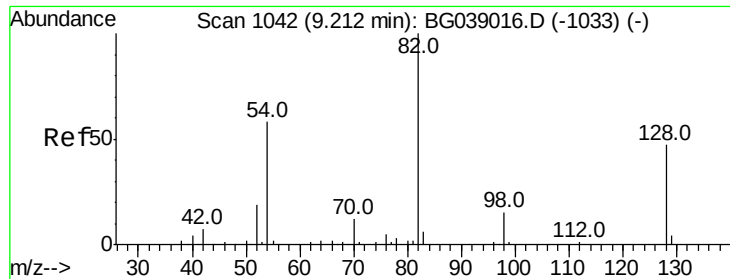
#22
Acetophenone
Concen: 41.013 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:105	Resp:	95544
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.6 1.0#
51	31.3	26.6 39.8
120	21.4	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

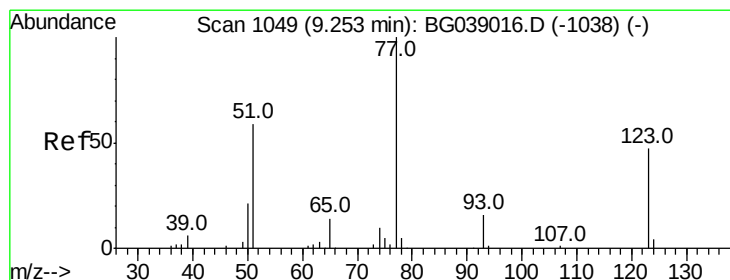
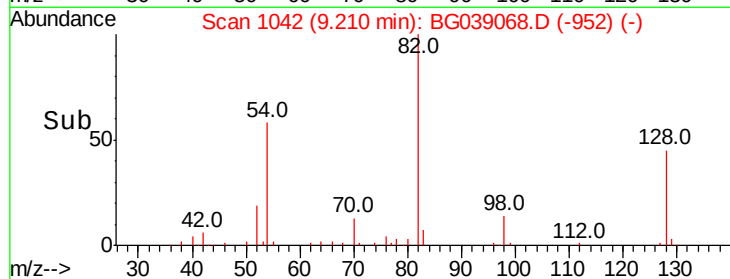
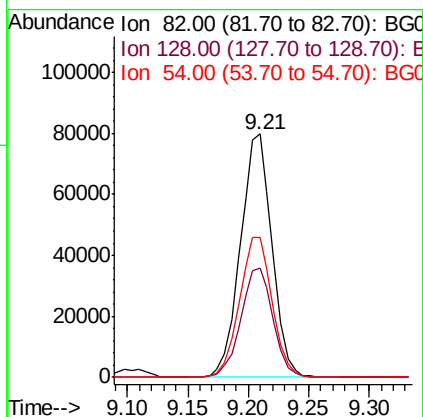
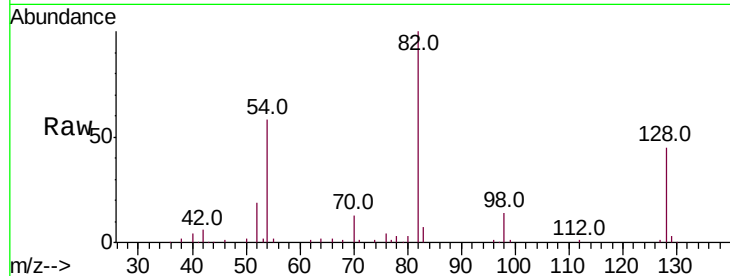




#23
Nitrobenzene-d5
Concen: 89.067 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

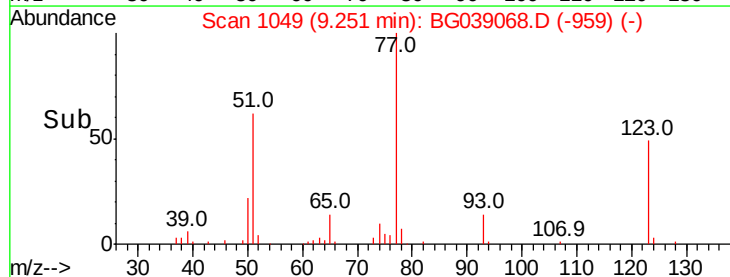
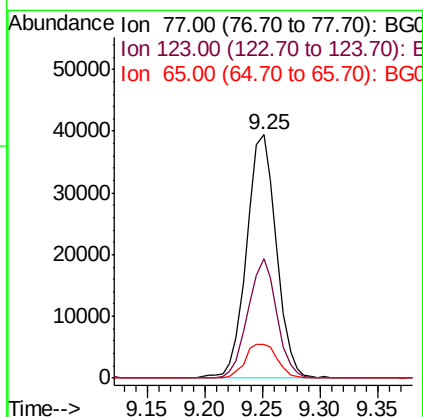
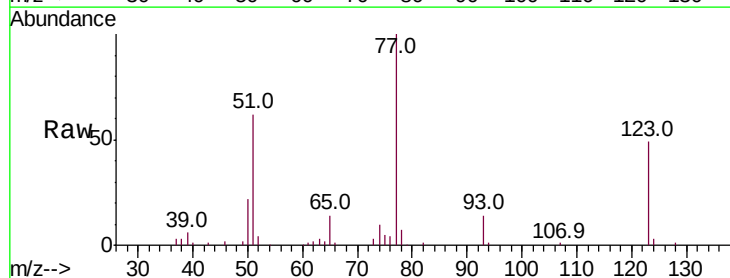
Instrument :
BNA_G
ClientSampleId :

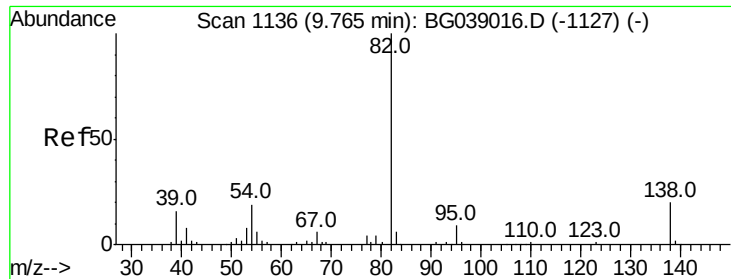
Tot Ion	82	Resp	145199
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.3	55.9
54	57.7	46.4	69.6



#24
Nitrobenzene
Concen: 42.991 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	77	Resp	70839
Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.6	56.4
65	14.0	11.0	16.6

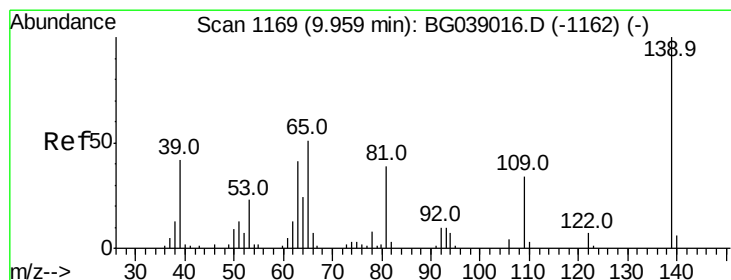
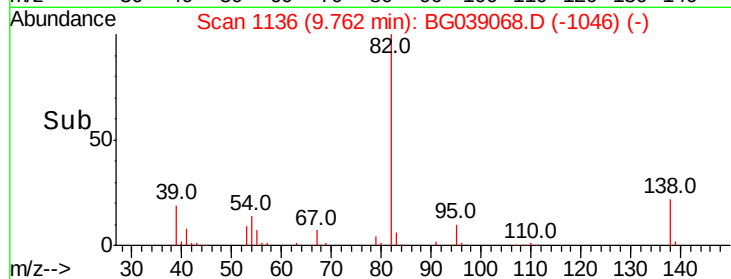
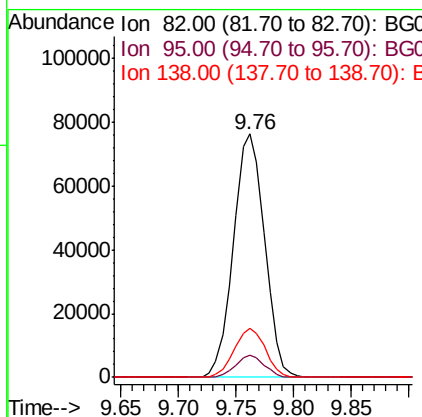
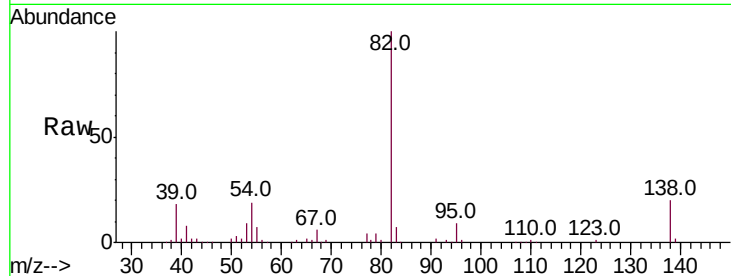




#25
Isophorone
Concen: 50.717 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

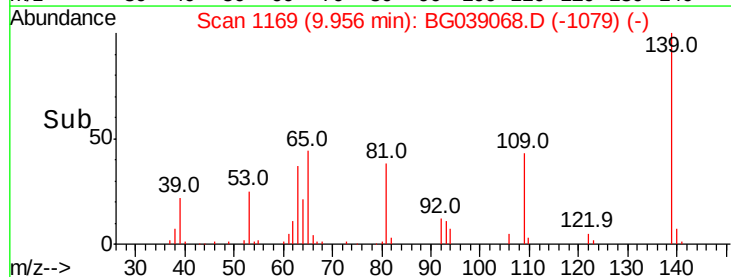
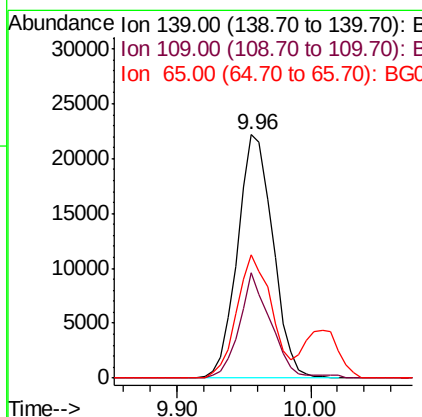
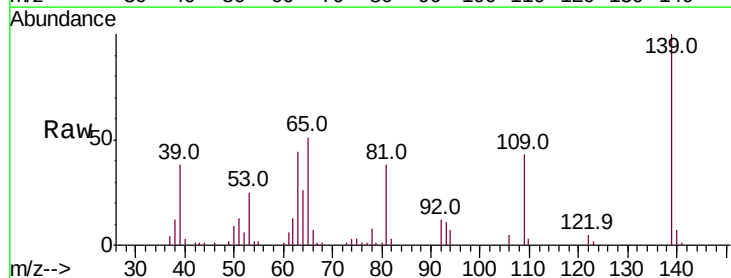
Instrument :
BNA_G
ClientSampled :

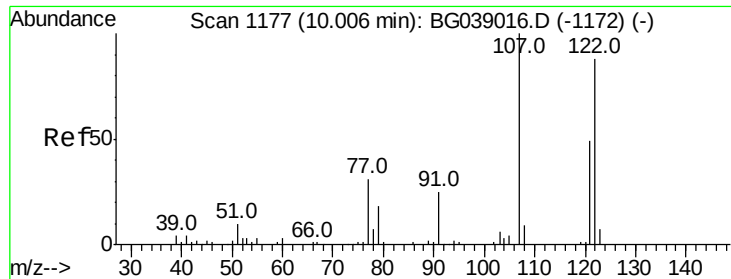
Tot Ion	82	Resp	142421
Ion	Ratio	Lower	Upper
82	100		
95	9.0	7.0	10.6
138	19.9	16.2	24.4



#26
2-Nitrophenol
Concen: 45.727 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion	139	Resp	40755
Ion	Ratio	Lower	Upper
139	100		
109	43.1	27.3	40.9#
65	50.6	40.6	61.0

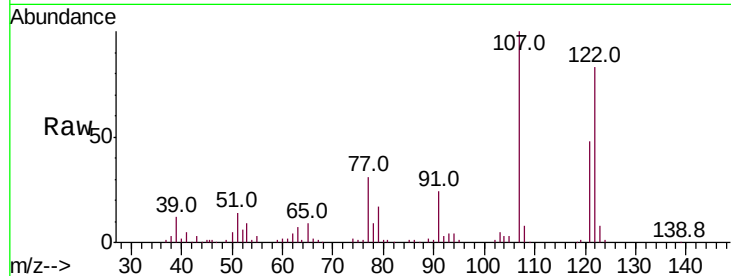




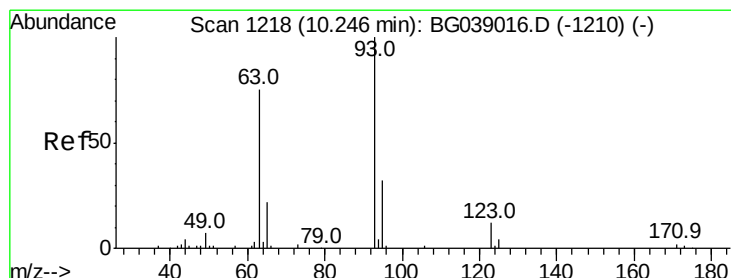
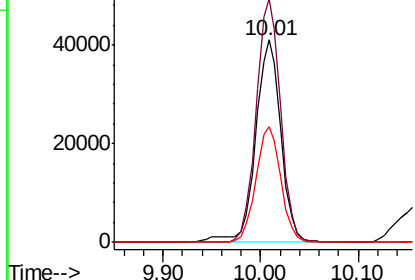
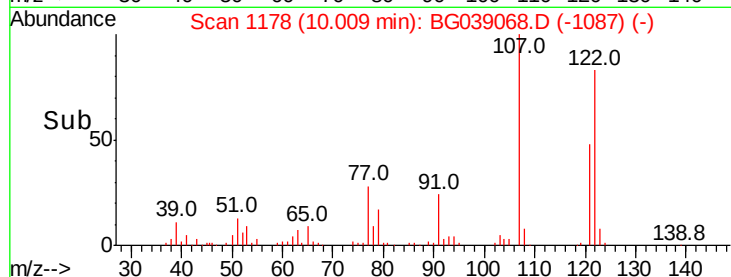
#27
 2,4-Dimethylphenol
 Concen: 59.526 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 74641
 Ion Ratio Lower Upper
 122 100
 107 120.2 88.8 133.2
 121 57.2 43.1 64.7

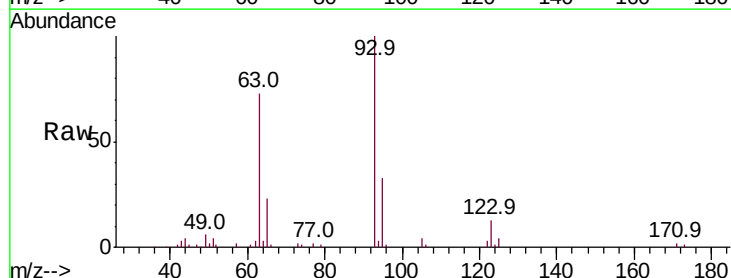


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

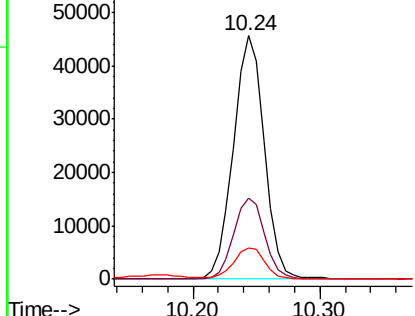
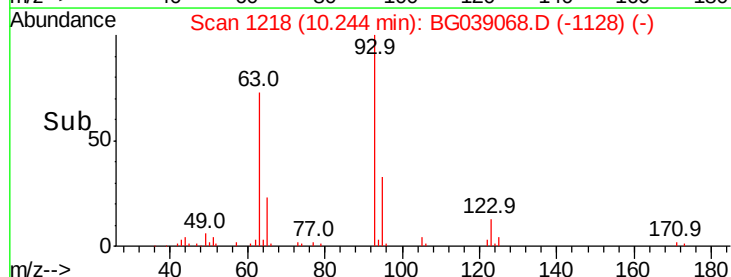


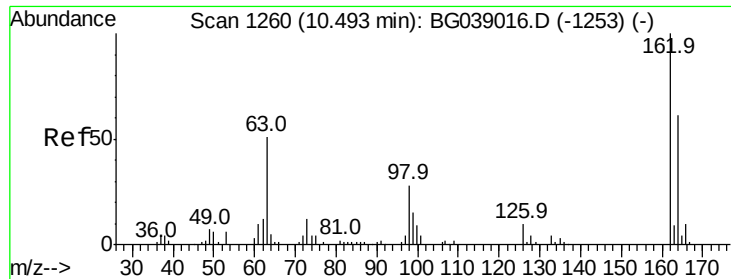
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.329 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion: 93 Resp: 76502
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.6 38.4
 123 12.8 10.1 15.1



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

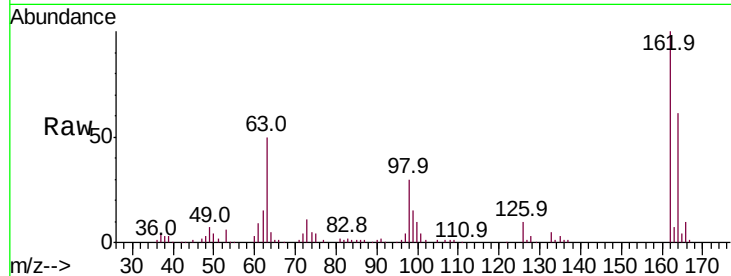




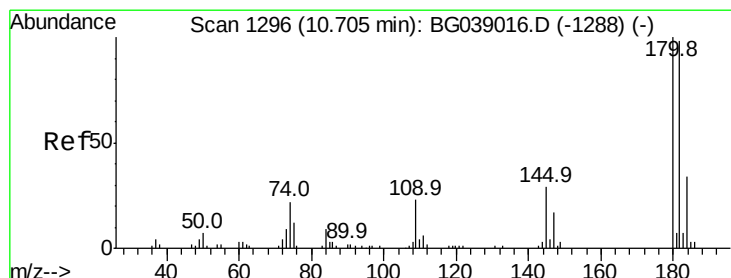
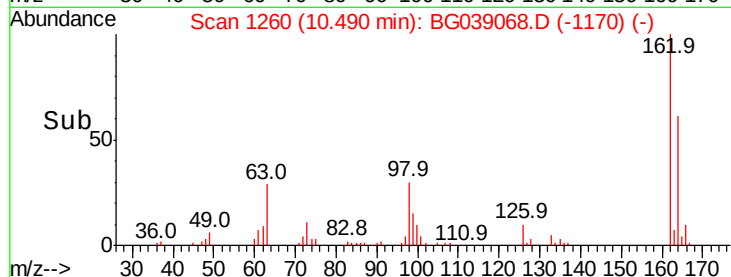
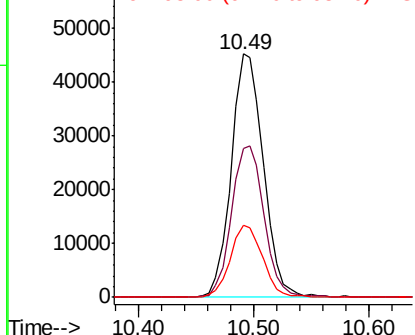
#29
 2,4-Dichlorophenol
 Concen: 55.820 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	41.3	81.3
98	29.8	8.3	48.3

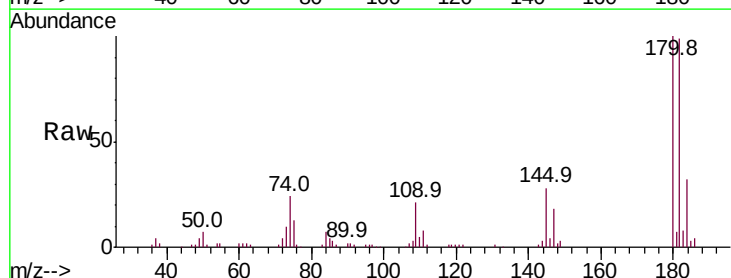


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

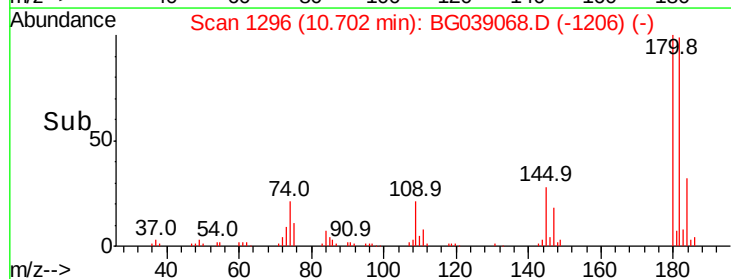
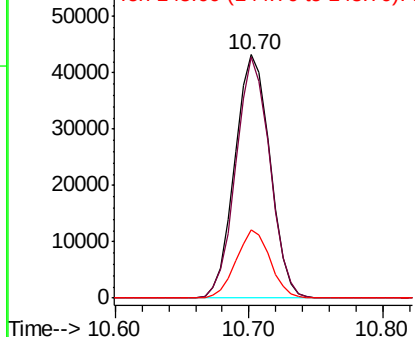


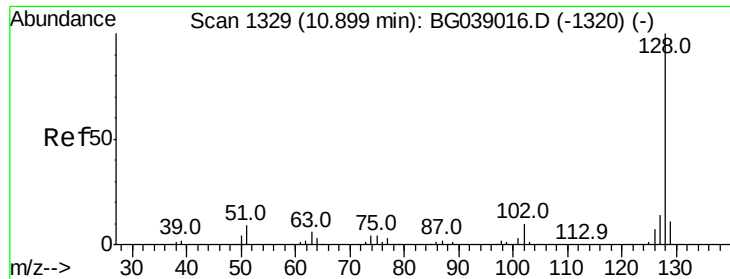
#30
 1,2,4-Trichlorobenzene
 Concen: 42.096 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	78.1	117.1
145	27.8	23.1	34.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

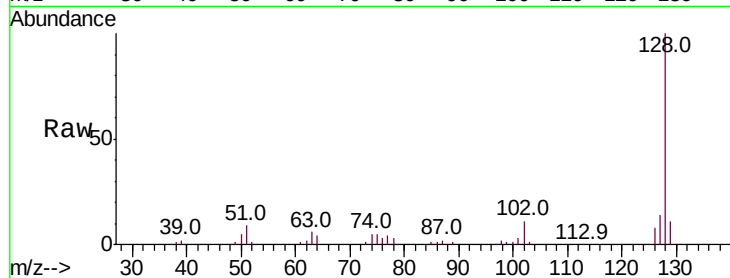




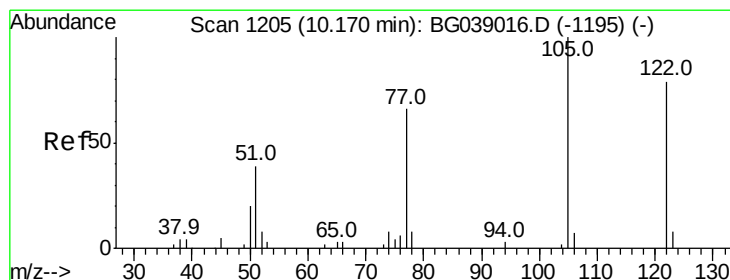
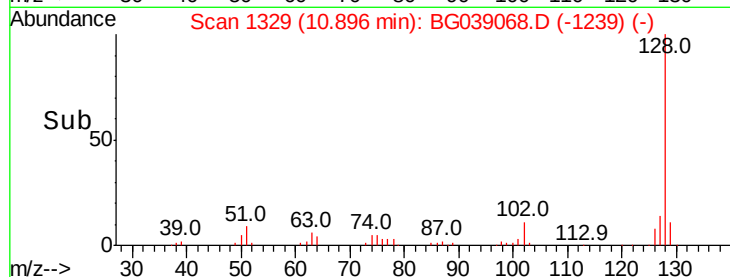
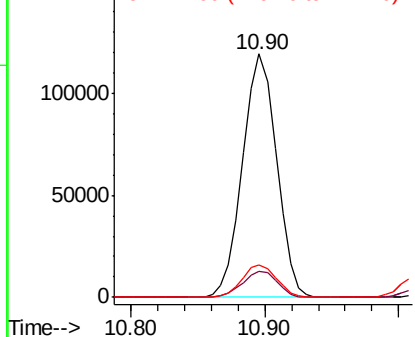
#31
Naphthalene
Concen: 47.024 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 210387
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.5 11.2 16.8

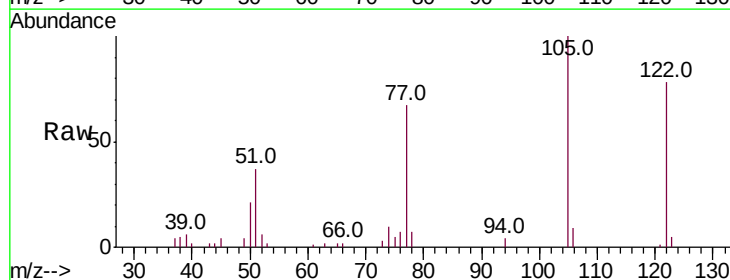


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

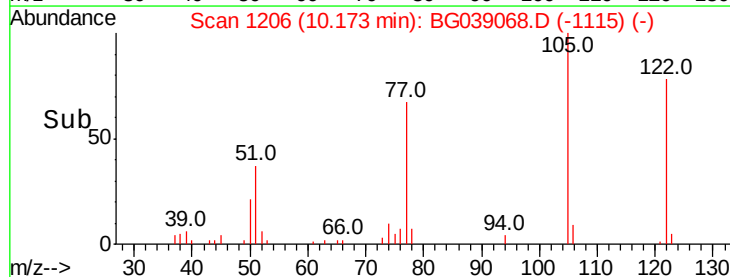
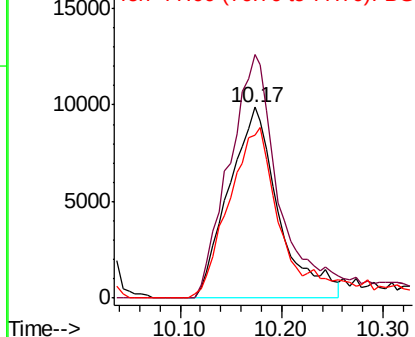


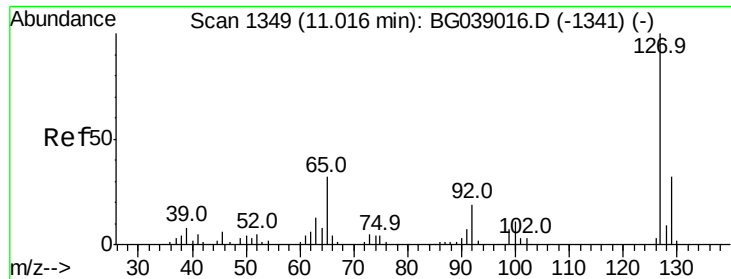
#32
Benzoic acid
Concen: 44.746 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:122 Resp: 33893
Ion Ratio Lower Upper
122 100
105 127.5 106.4 146.4
77 85.3 63.6 103.6



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

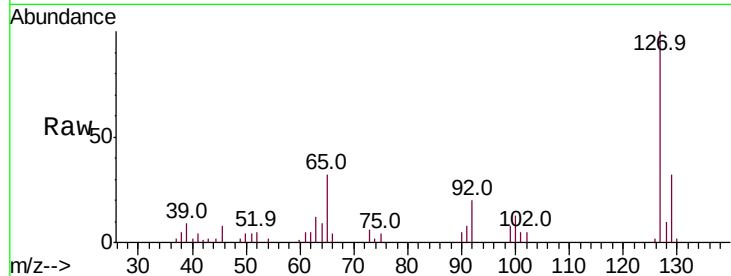




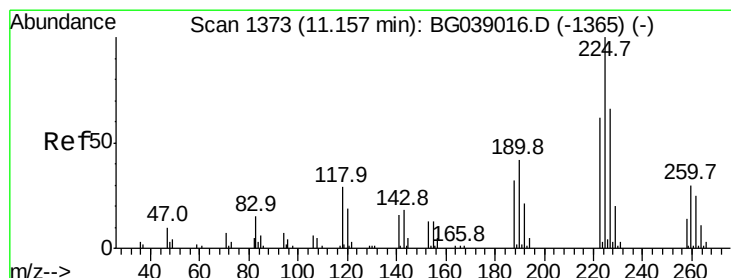
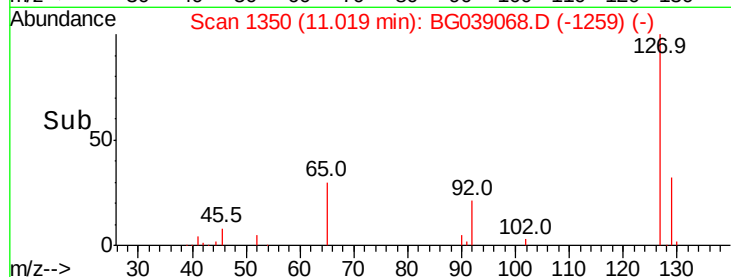
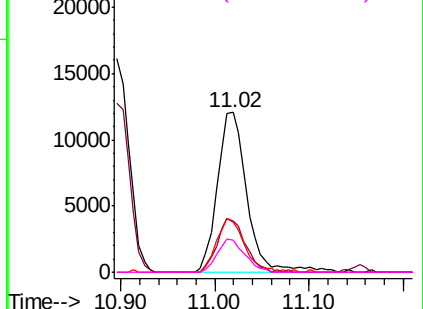
#33
4-Chloroaniline
Concen: 13.251 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	26527
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	31.5	25.4	38.0
92	20.1	15.2	22.8

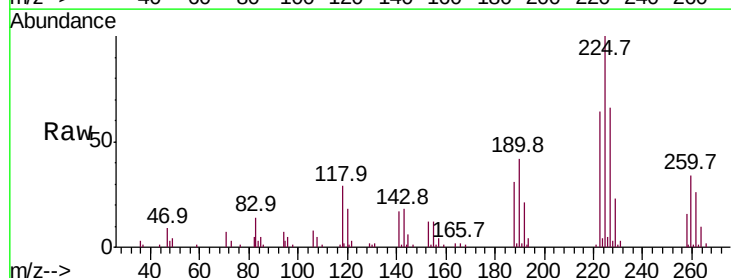


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

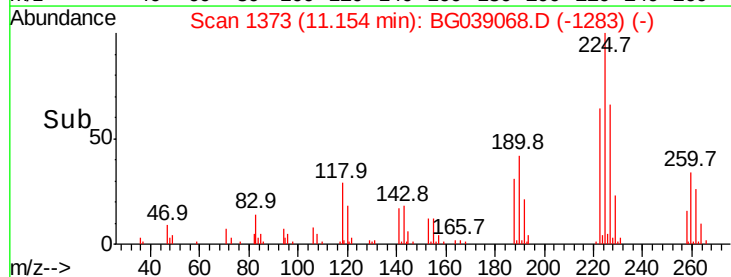
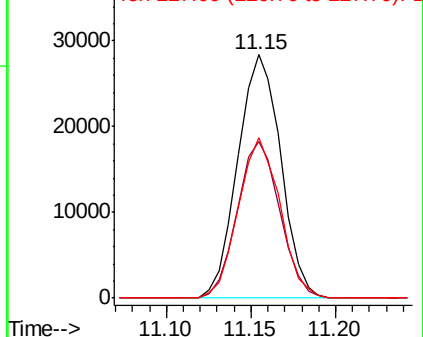


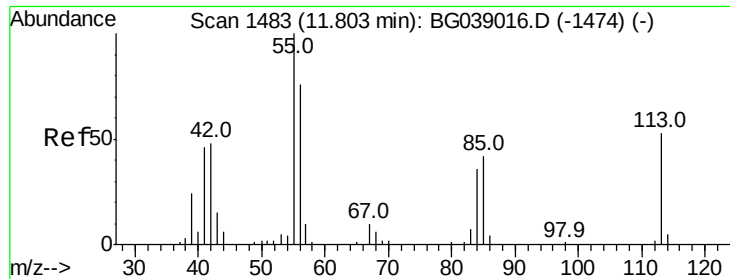
#34
Hexachlorobutadiene
Concen: 38.930 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:	225	Resp:	50137
Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.2	75.4
227	65.2	53.2	79.8



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





#35

Caprolactam

Concen: 30.617 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

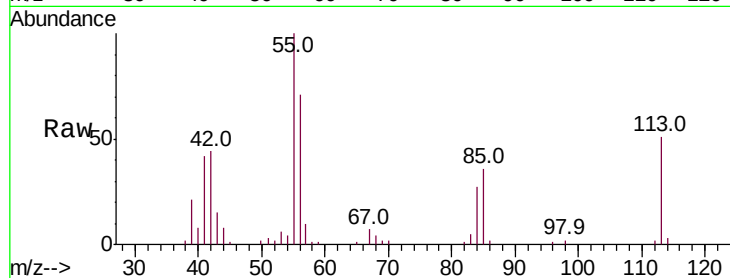
Tot Ion:113 Resp: 19125

Ion Ratio Lower Upper

113 100

55 196.2 168.6 208.6

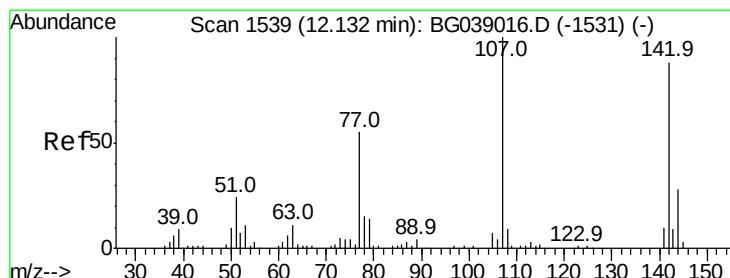
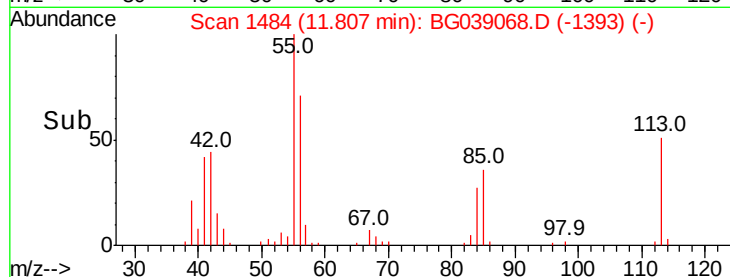
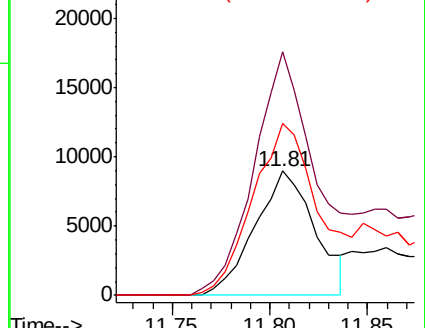
56 138.6 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 56.592 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

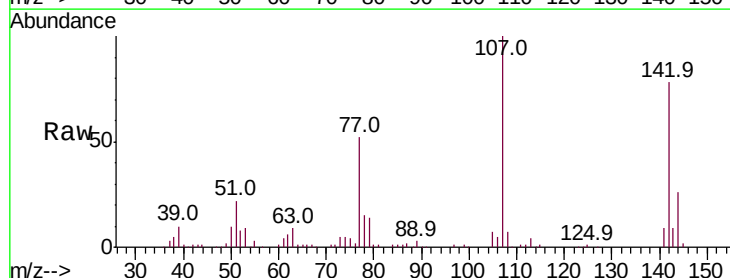
Tgt Ion:107 Resp: 94289

Ion Ratio Lower Upper

107 100

144 25.9 22.6 34.0

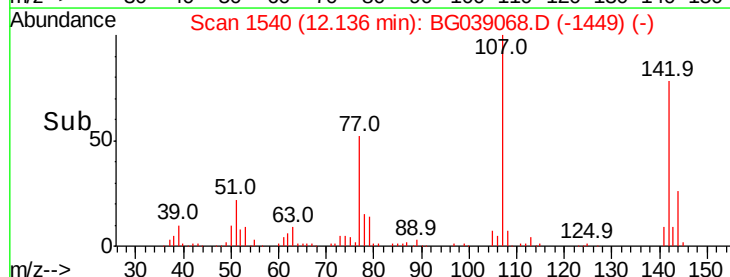
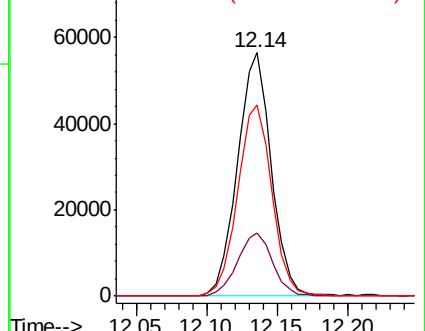
142 78.5 70.2 105.4

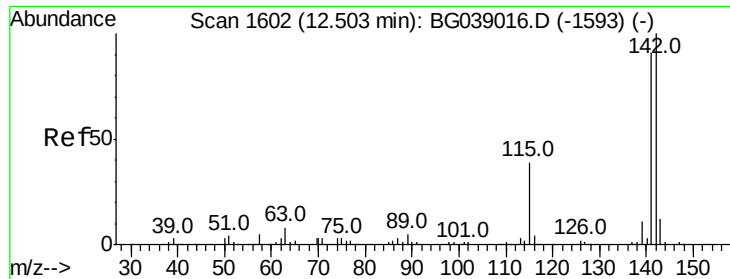


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

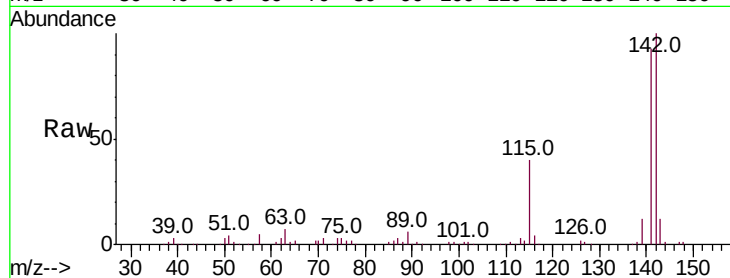




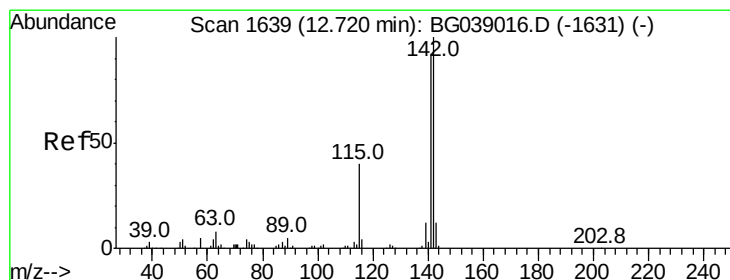
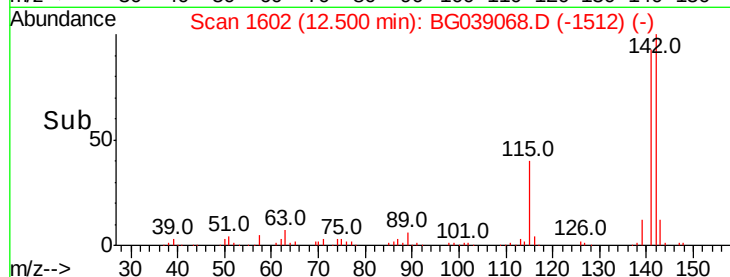
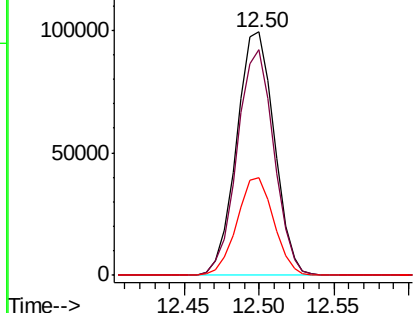
#37
2-Methylnaphthalene
Concen: 51.800 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 173755
Ion Ratio Lower Upper
142 100
141 92.9 72.6 109.0
115 40.2 31.1 46.7

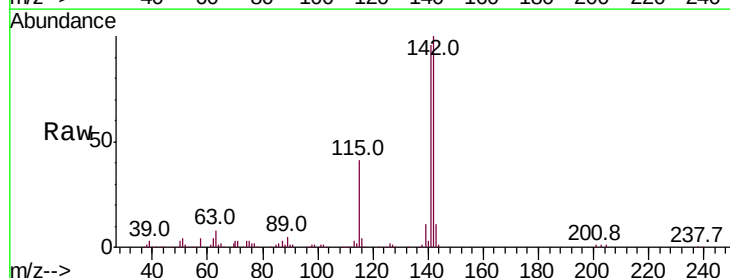


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

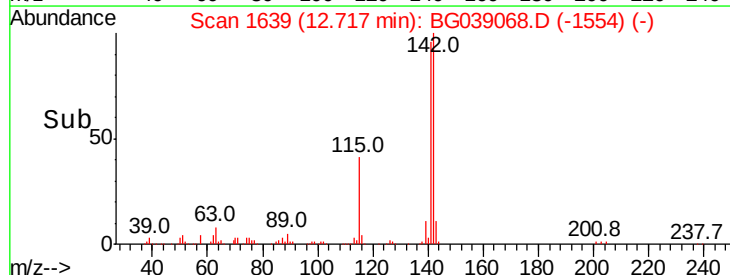
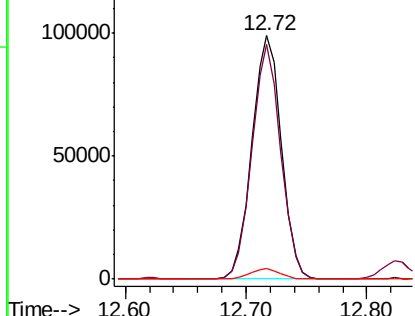


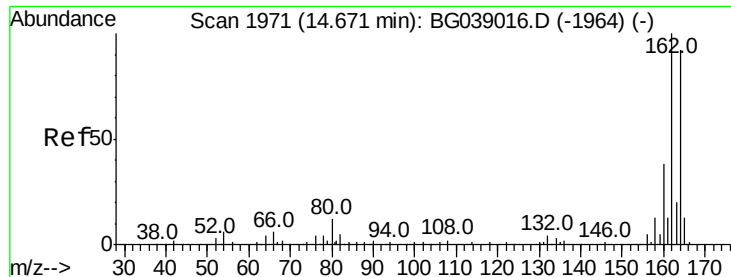
#38
1-Methylnaphthalene
Concen: 52.067 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:142 Resp: 167638
Ion Ratio Lower Upper
142 100
141 96.3 73.3 109.9
116 4.3 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

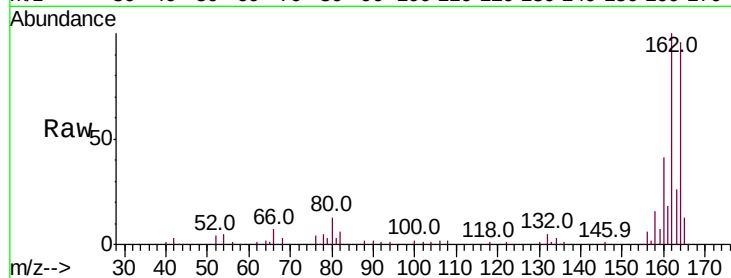
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 75472

Ion	Ratio	Lower	Upper
164	100		
162	103.9	87.2	130.8
160	43.1	33.3	49.9

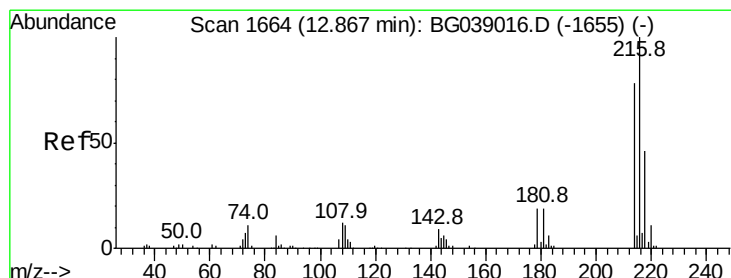
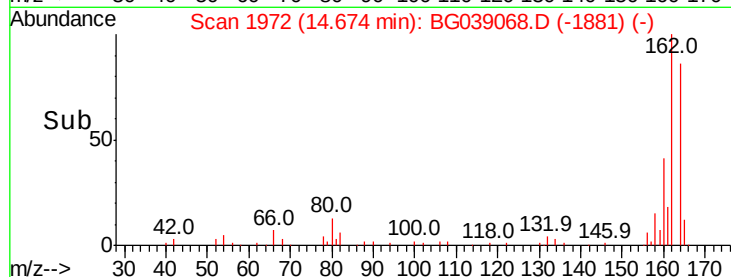
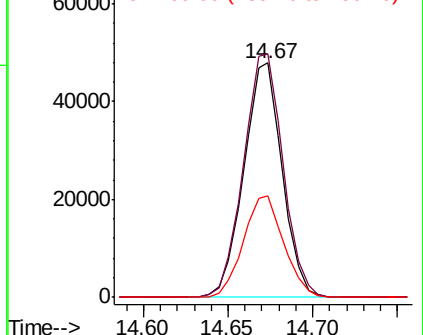


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.752 ng

RT: 12.86 min Scan# 1663

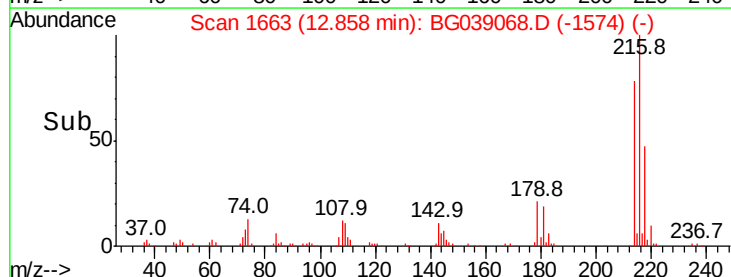
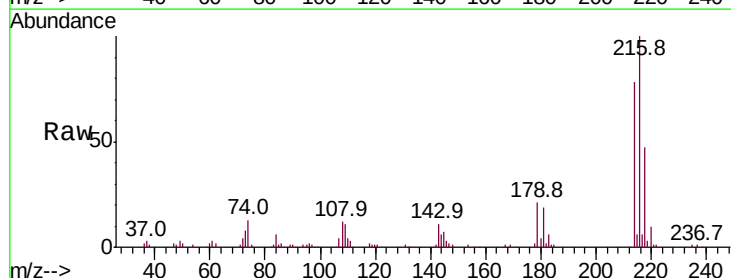
Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:216 Resp: 115508

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	19.6	15.5	23.3
108	15.2	11.4	17.2



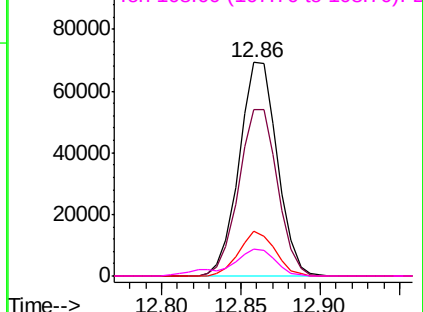
Abundance

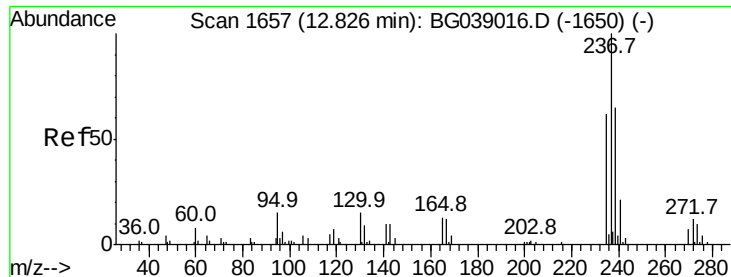
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.834 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

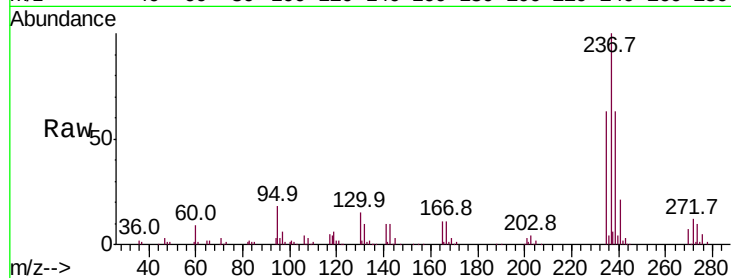
Tot Ion:237 Resp: 120545

Ion Ratio Lower Upper

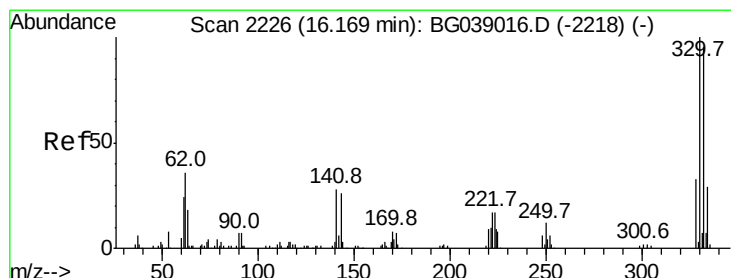
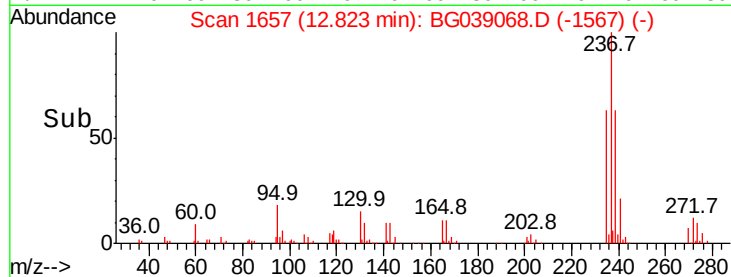
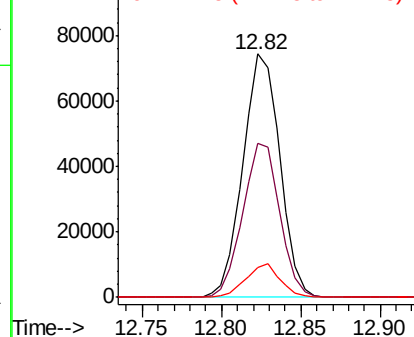
237 100

235 63.2 41.7 81.7

272 12.4 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.031 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

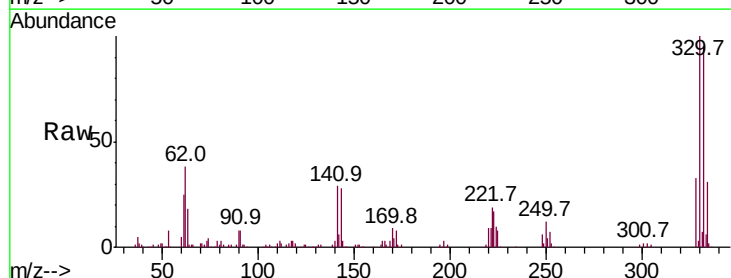
Tgt Ion:330 Resp: 197398

Ion Ratio Lower Upper

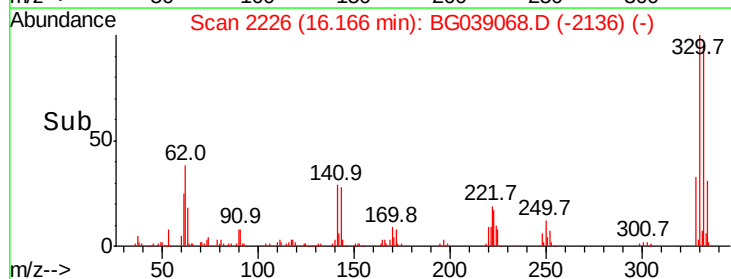
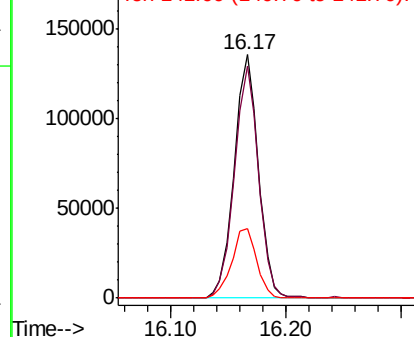
330 100

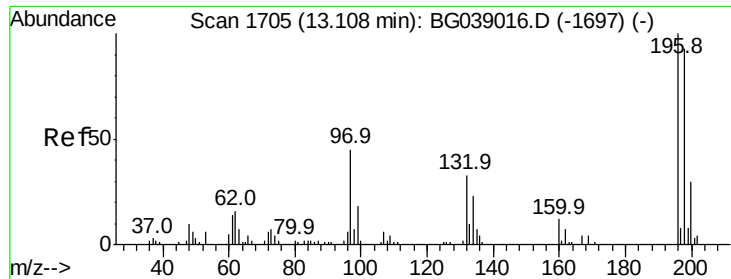
332 95.3 75.7 113.5

141 29.7 24.9 37.3



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

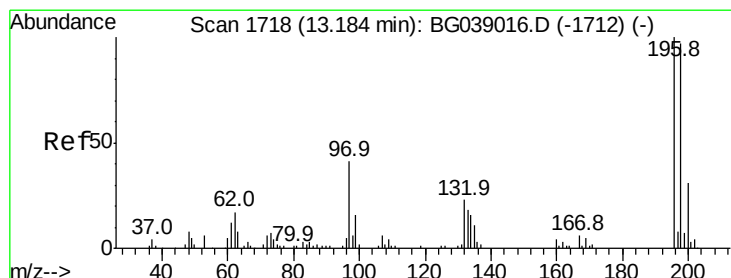
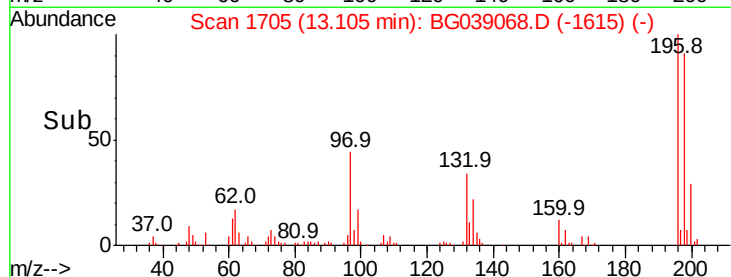
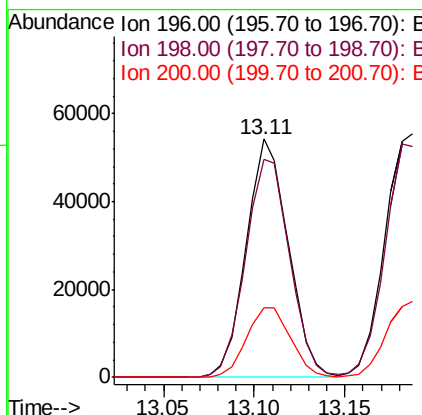
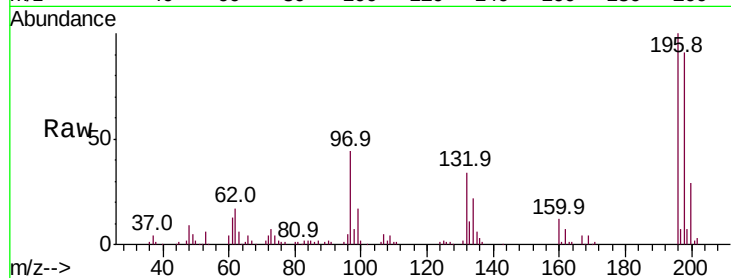




#43
 2,4,6-Trichlorophenol
 Concen: 49.096 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

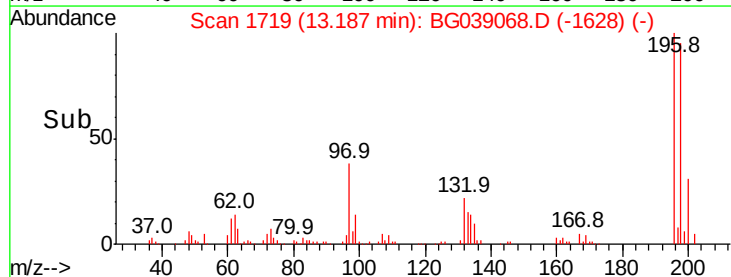
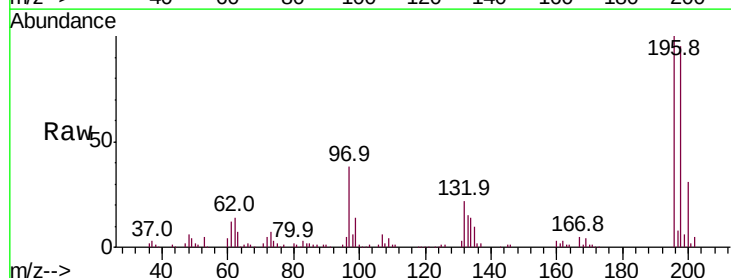
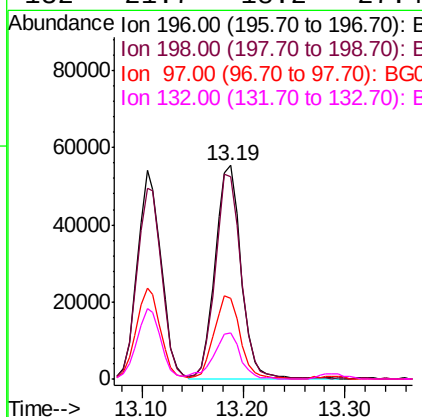
Instrument :
 BNA_G
 ClientSampled :

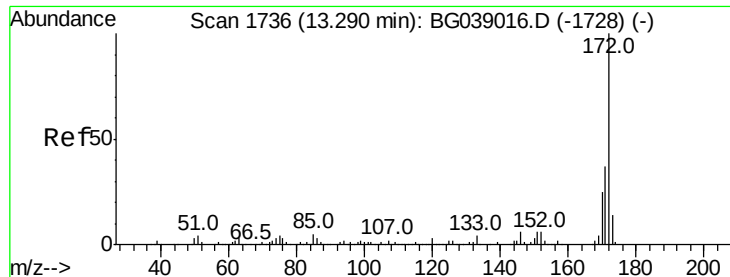
Tot Ion	196	Resp	87583
Ion Ratio	Lower	Upper	
196	100		
198	91.4	74.5	111.7
200	29.2	23.8	35.6



#44
 2,4,5-Trichlorophenol
 Concen: 52.470 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	196	Resp	98929
Ion Ratio	Lower	Upper	
196	100		
198	94.7	78.1	117.1
97	37.8	33.2	49.8
132	21.7	18.2	27.4

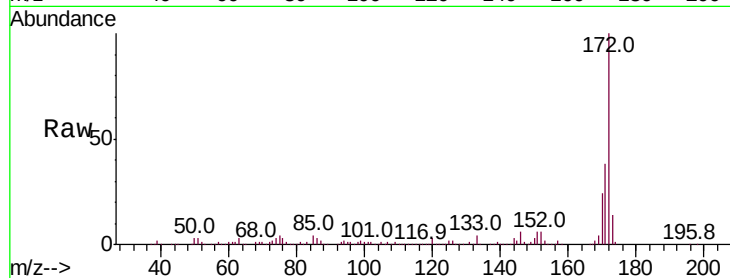




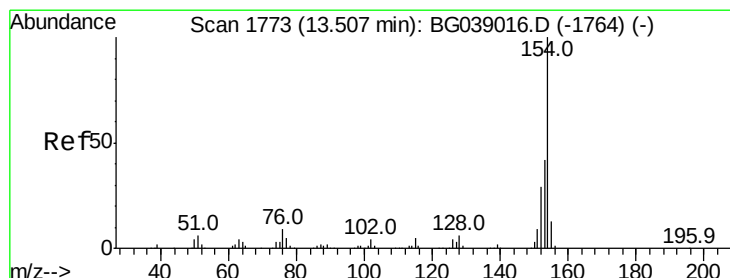
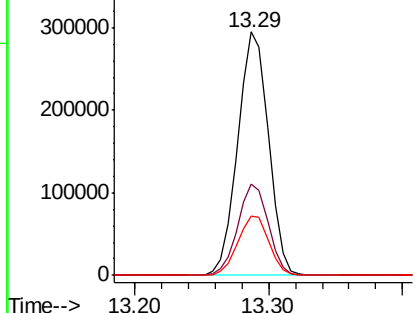
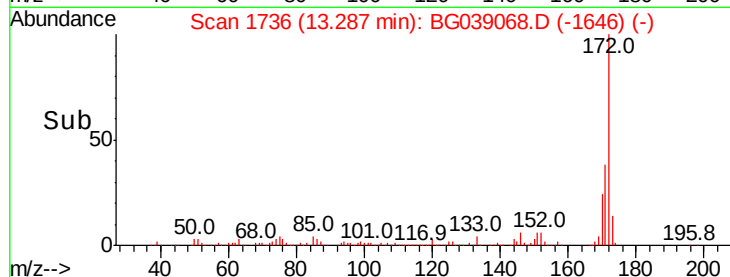
#45
2-Fluorobiphenyl
Concen: 84.892 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 468151
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.2 20.1 30.1

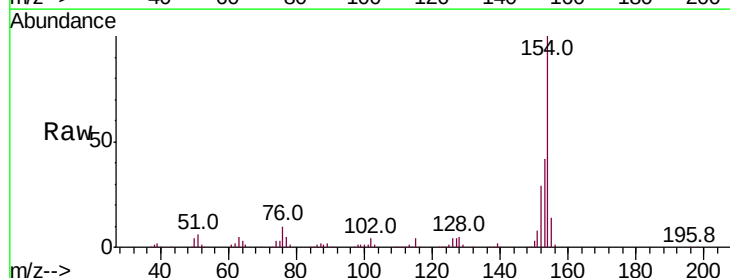


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

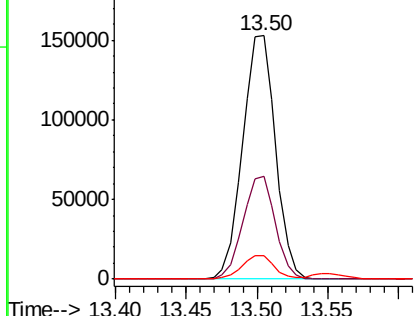
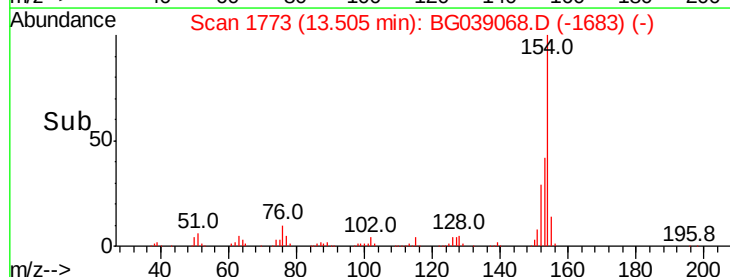


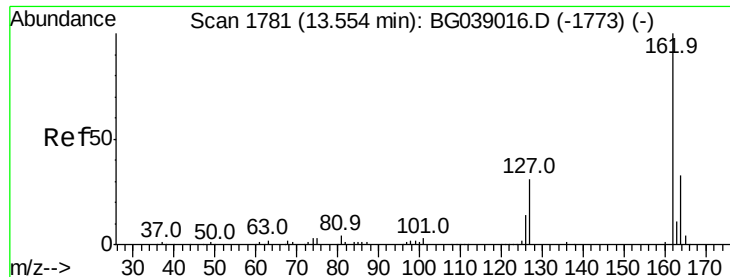
#46
1,1'-Biphenyl
Concen: 41.610 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:154 Resp: 248837
Ion Ratio Lower Upper
154 100
153 42.0 22.4 62.4
76 9.7 0.0 29.4



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





#47

2-Chloronaphthalene

Concen: 42.209 ng

RT: 13.55 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

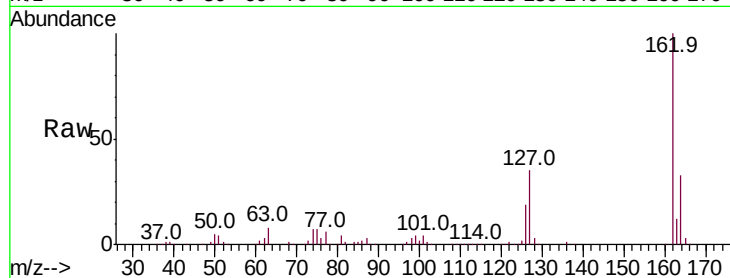
Tot Ion:162 Resp: 204263

Ion Ratio Lower Upper

162 100

127 35.4 28.4 42.6

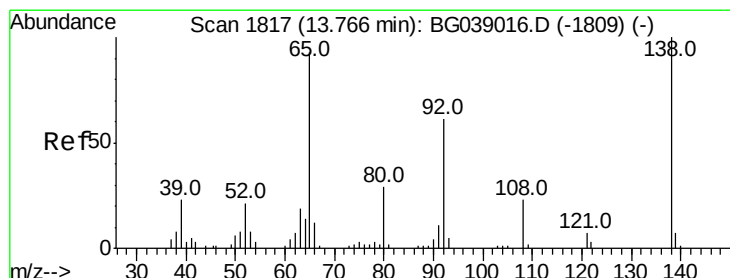
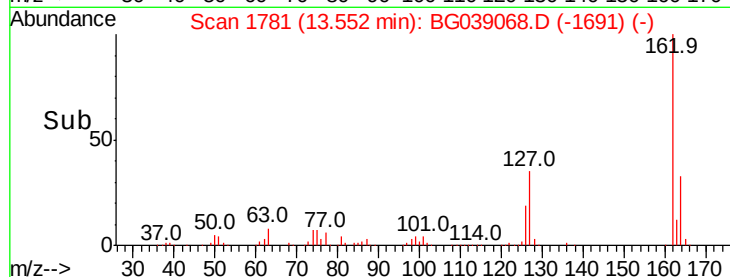
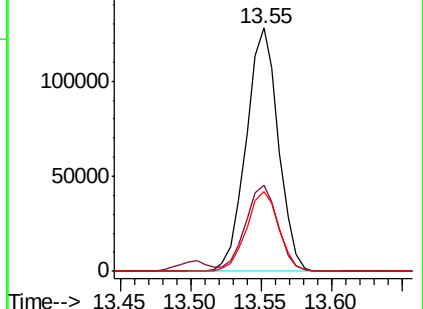
164 32.8 26.3 39.5



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: 47.336 ng

RT: 13.76 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

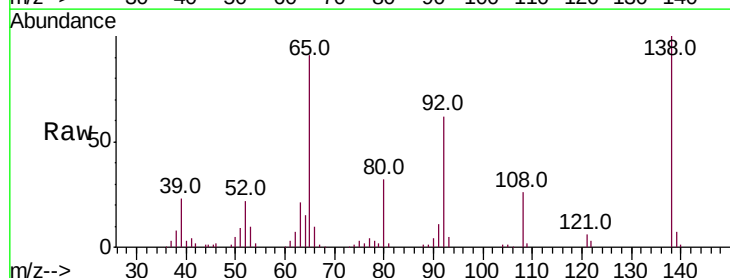
Tgt Ion: 65 Resp: 64177

Ion Ratio Lower Upper

65 100

92 68.5 52.2 78.4

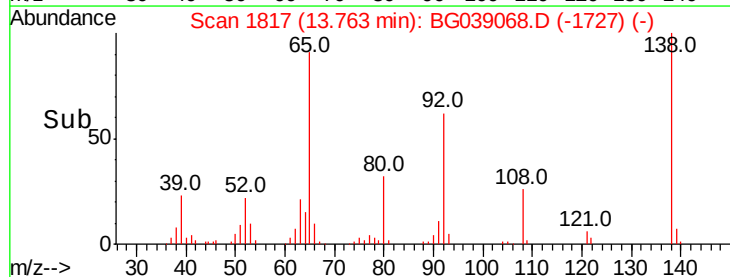
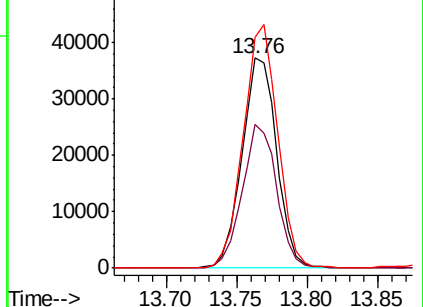
138 109.9 86.0 129.0

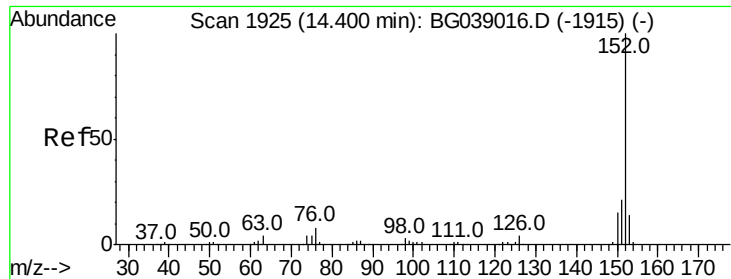


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.009 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

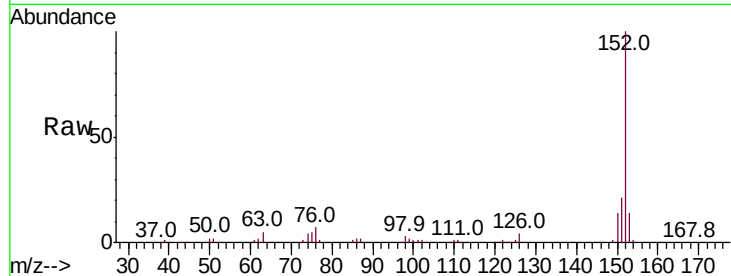
Tot Ion:152 Resp: 349210

Ion Ratio Lower Upper

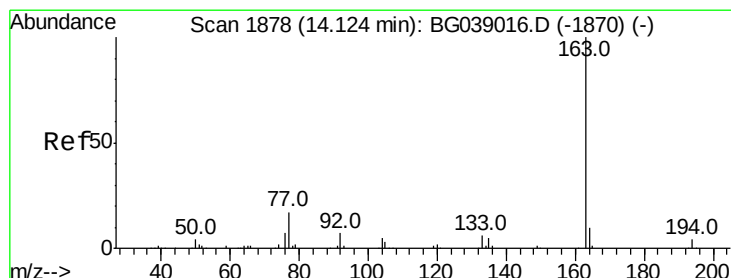
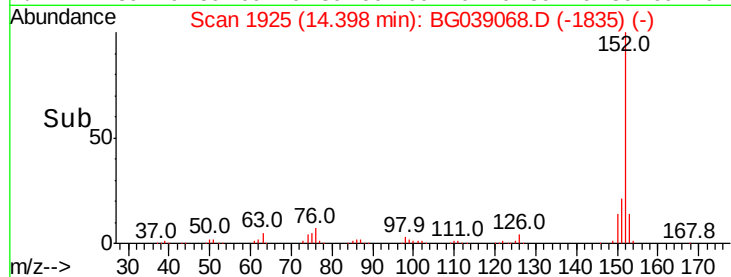
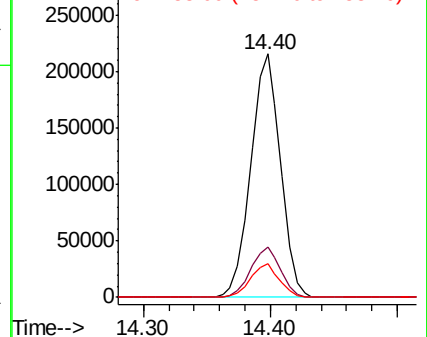
152 100

151 20.6 17.0 25.4

153 13.8 11.2 16.8



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: 46.382 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

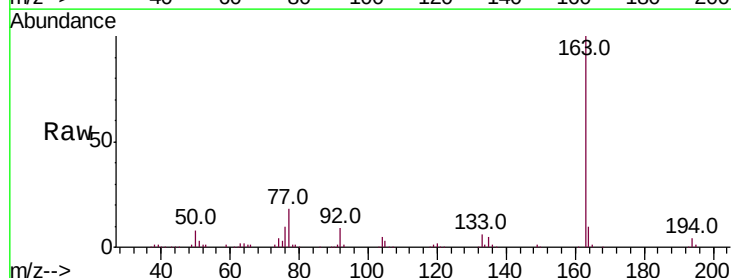
Tgt Ion:163 Resp: 295811

Ion Ratio Lower Upper

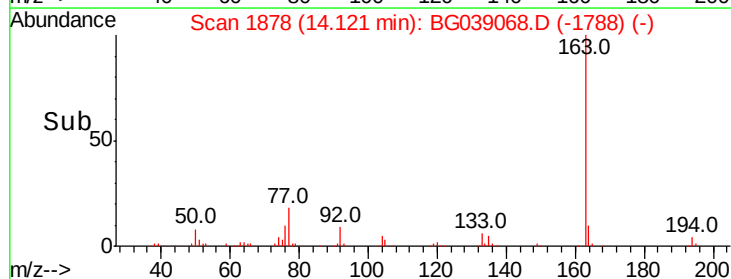
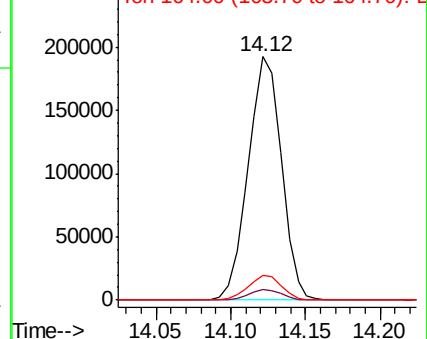
163 100

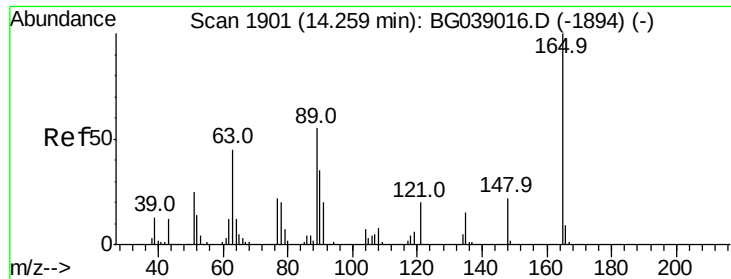
194 4.4 3.6 5.4

164 10.4 8.2 12.2



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

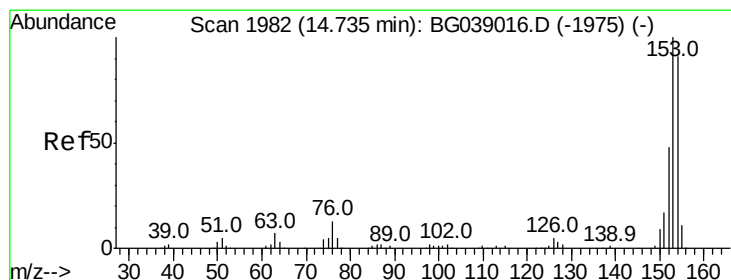
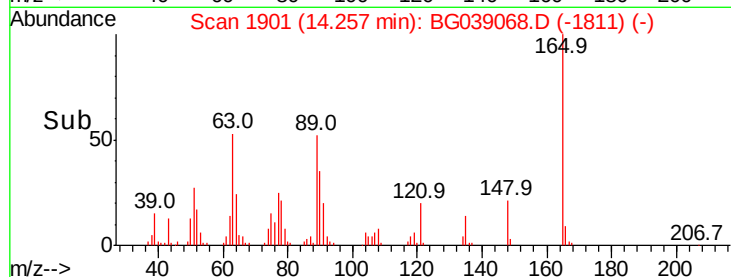
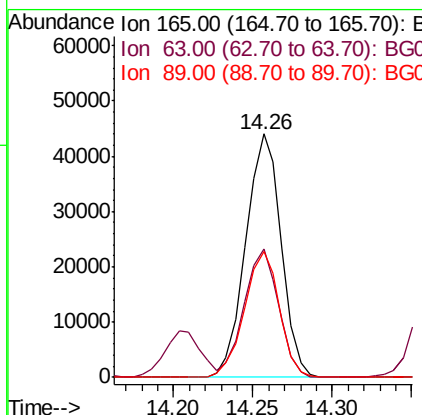
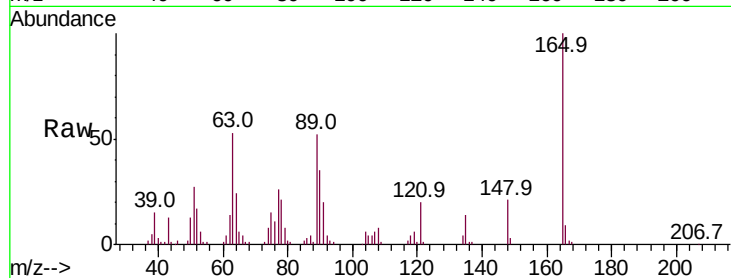




#51
 2,6-Dinitrotoluene
 Concen: 47.794 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

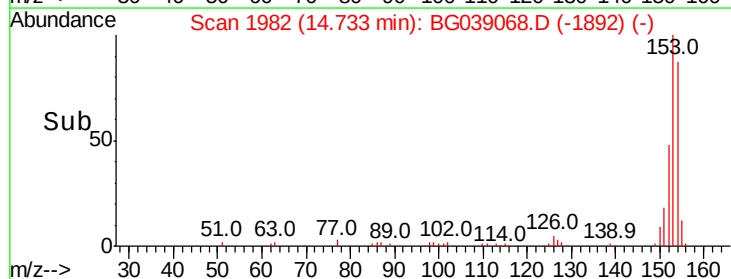
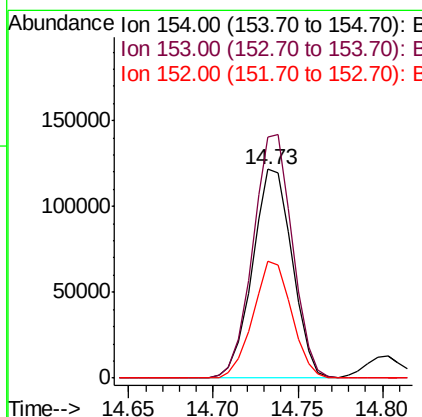
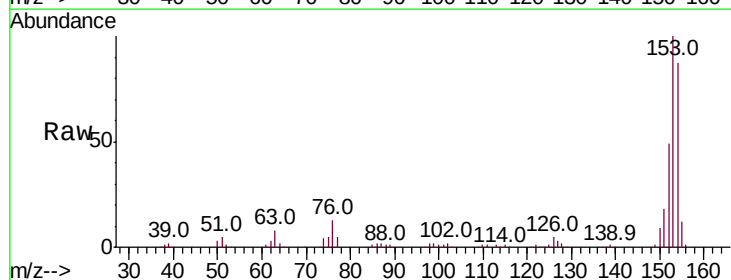
Instrument :
 BNA_G
 ClientSampled :

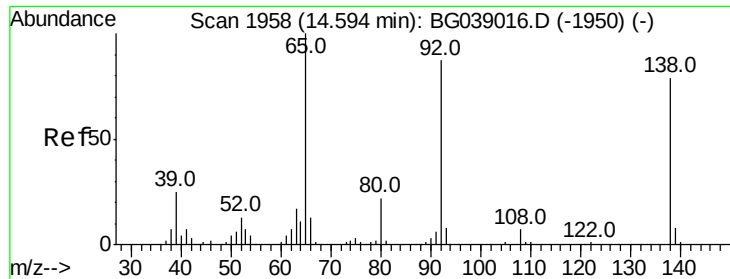
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	43.6	65.4
89	51.9	43.7	65.5



#52
 Acenaphthene
 Concen: 45.265 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	87.9	131.9
152	56.2	42.2	63.2





#53

3-Nitroaniline

Concen: 18.333 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

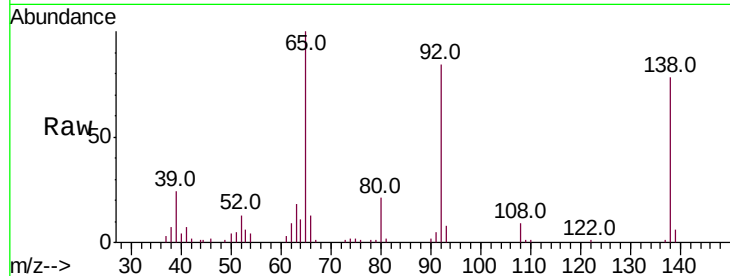
Tot Ion:138 Resp: 26518

Ion Ratio Lower Upper

138 100

108 11.1 7.4 11.0#

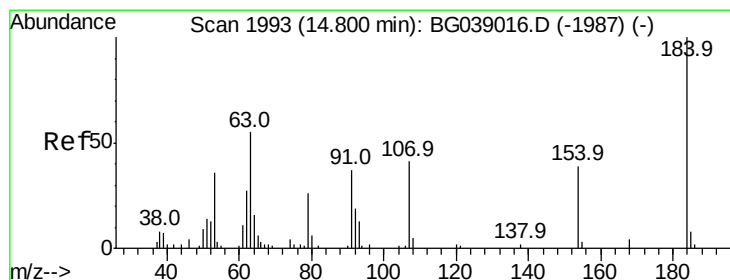
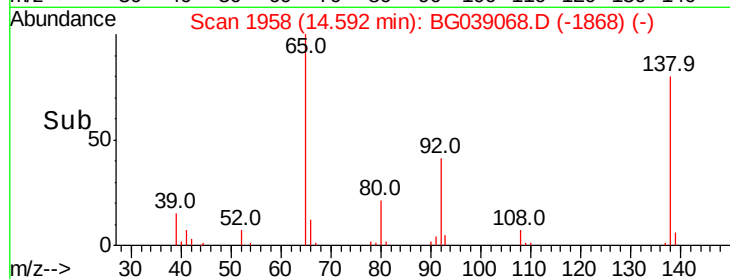
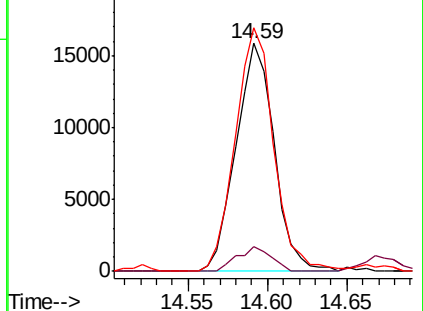
92 106.8 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 44.025 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

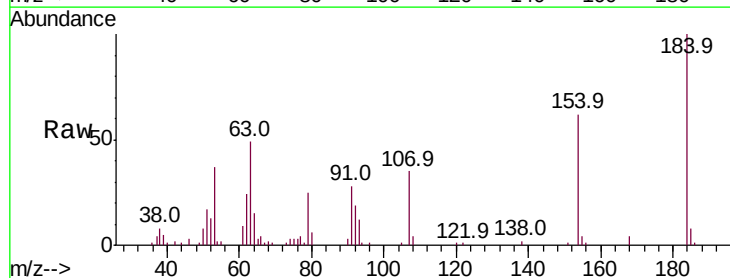
Tgt Ion:184 Resp: 35317

Ion Ratio Lower Upper

184 100

63 48.8 44.0 66.0

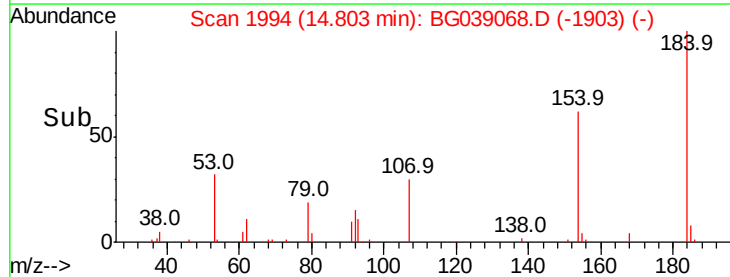
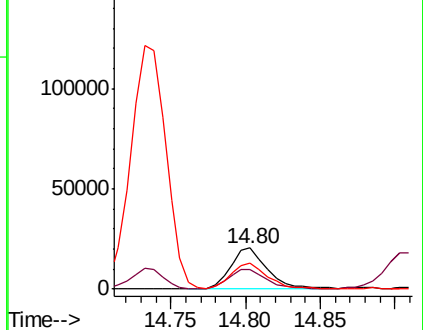
154 61.6 46.1 69.1

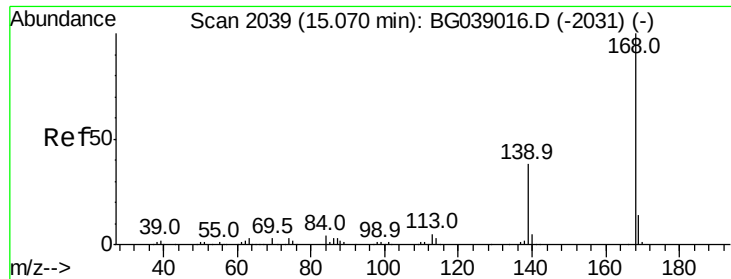


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

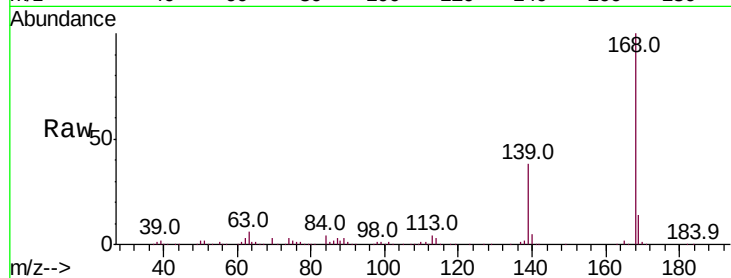




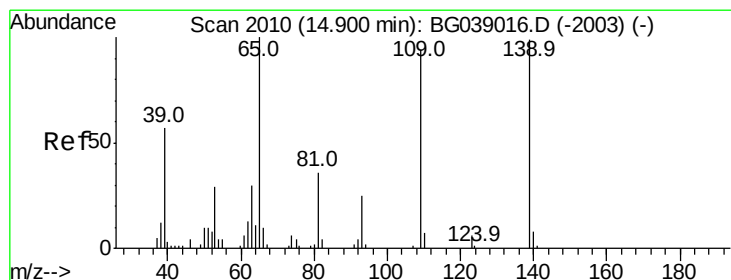
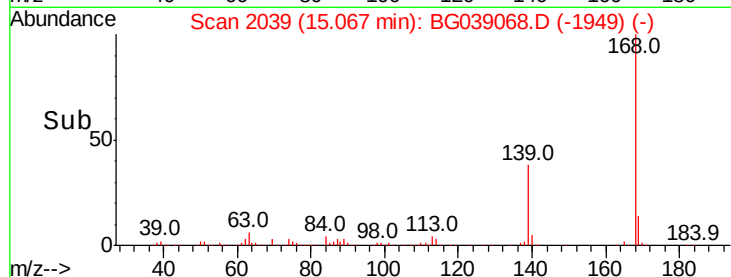
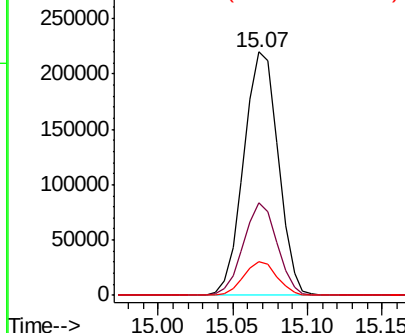
#55
Dibenzenofuran
Concen: 45.490 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 351117
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.0 10.9 16.3

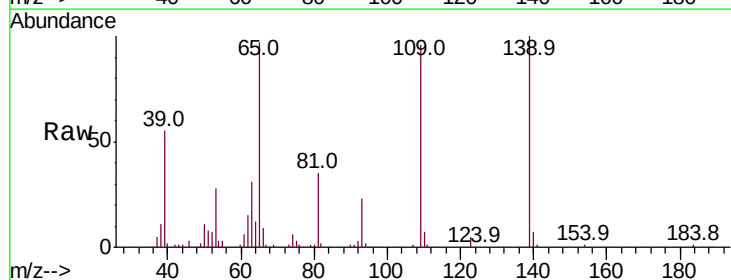


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

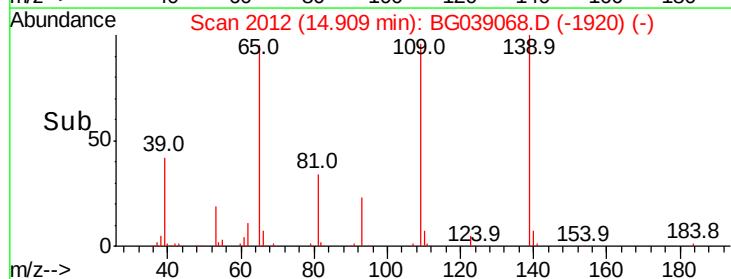
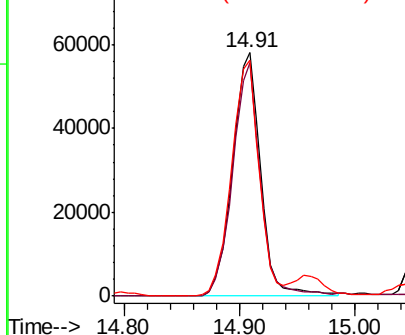


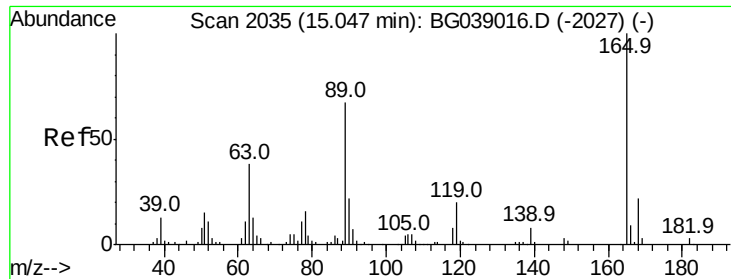
#56
4-Nitrophenol
Concen: 93.585 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:139 Resp: 97401
Ion Ratio Lower Upper
139 100
109 95.7 75.6 115.6
65 96.8 81.2 121.2



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

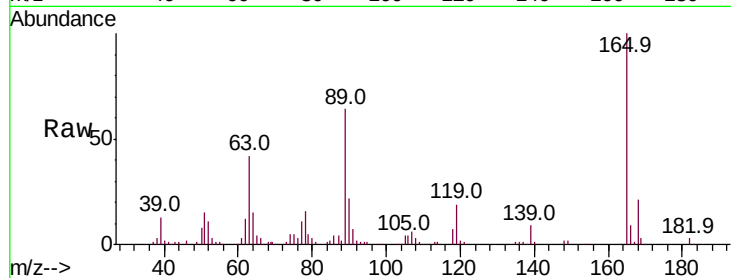




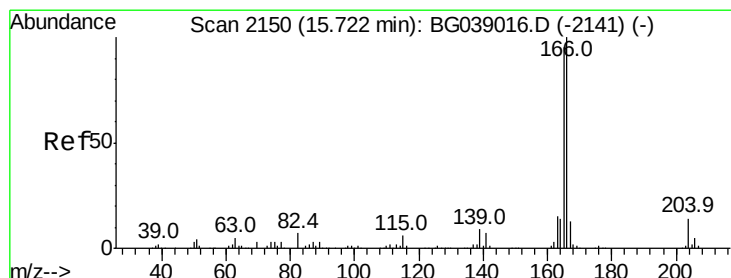
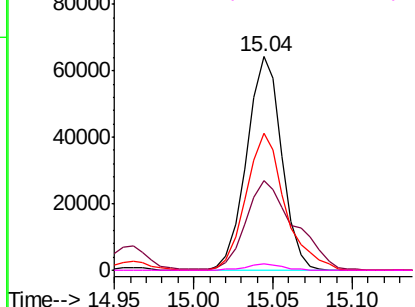
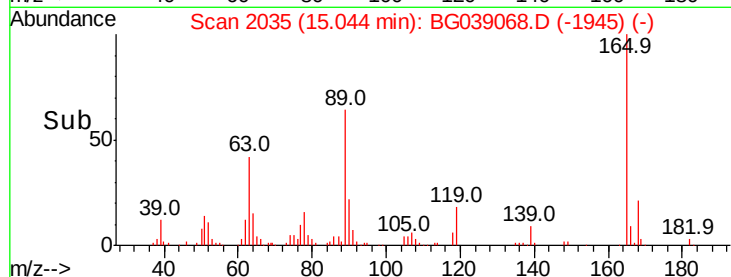
#57
 2,4-Dinitrotoluene
 Concen: 47.990 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 98173
 Ion Ratio Lower Upper
 165 100
 63 42.1 30.2 45.4
 89 64.2 53.2 79.8
 182 3.2 2.7 4.1

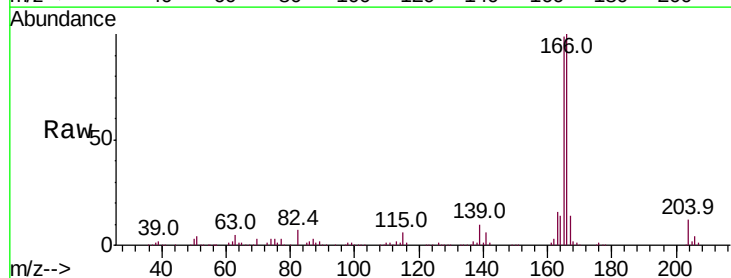


Abundance Ion 165.00 (164.70 to 165.70): E
 100000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

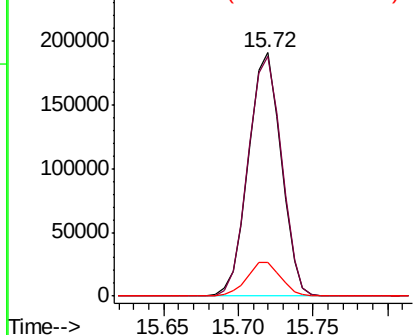
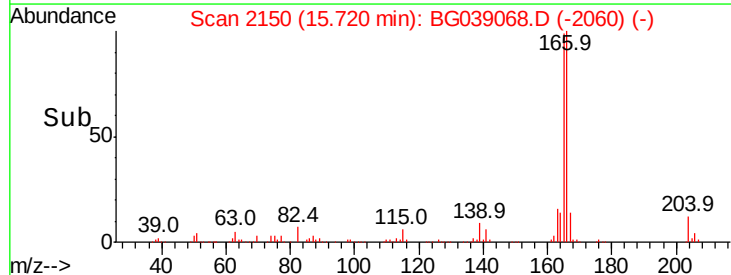


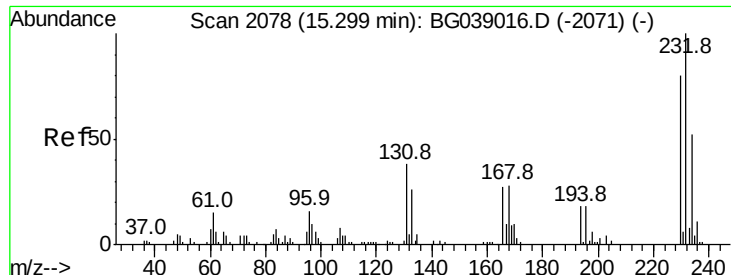
#58
 Fluorene
 Concen: 49.862 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion:166 Resp: 289693
 Ion Ratio Lower Upper
 166 100
 165 98.7 76.2 114.2
 167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 250000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

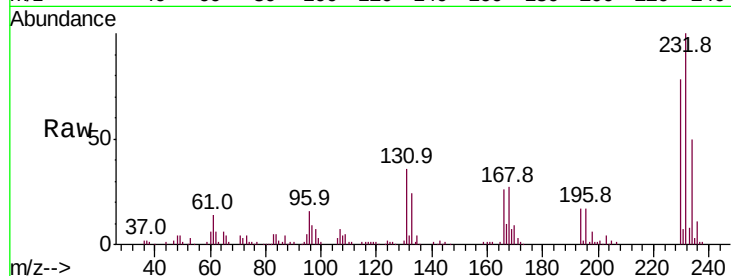




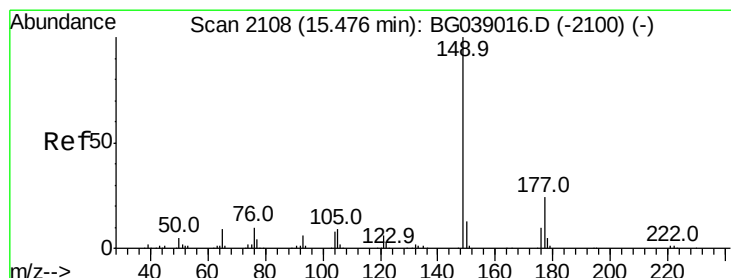
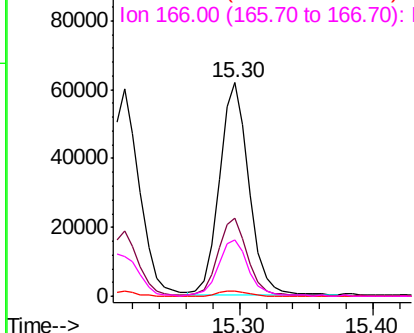
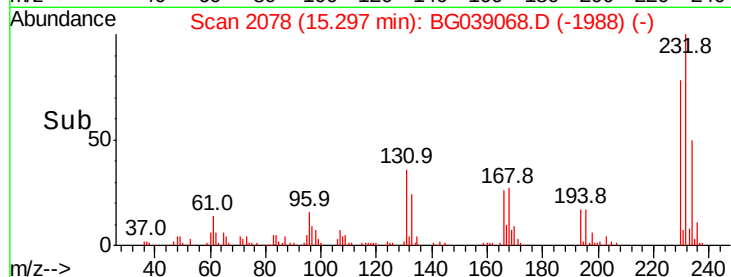
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.851 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 95843
 Ion Ratio Lower Upper
 232 100
 131 36.4 30.9 46.3
 130 2.3 1.9 2.9
 166 27.1 22.1 33.1

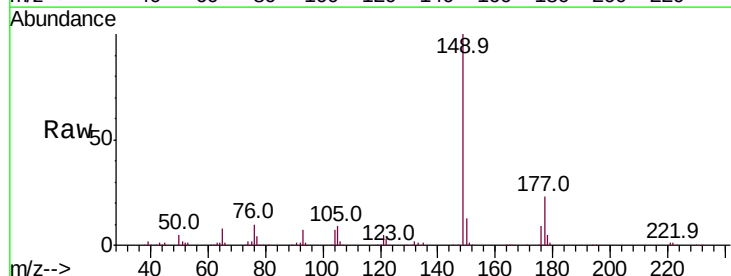


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

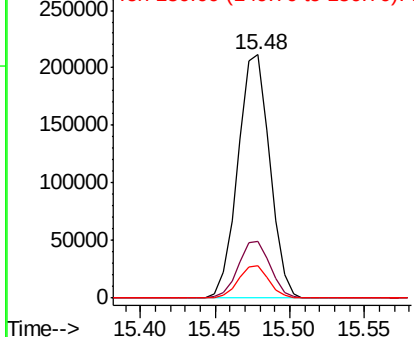
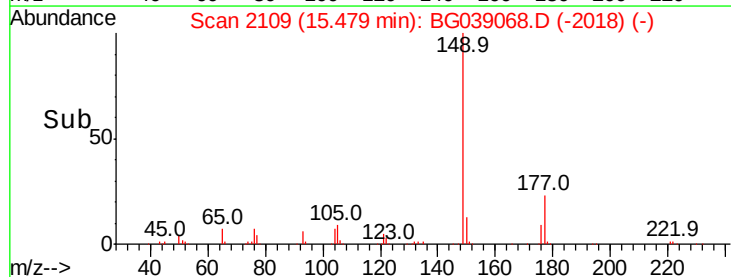


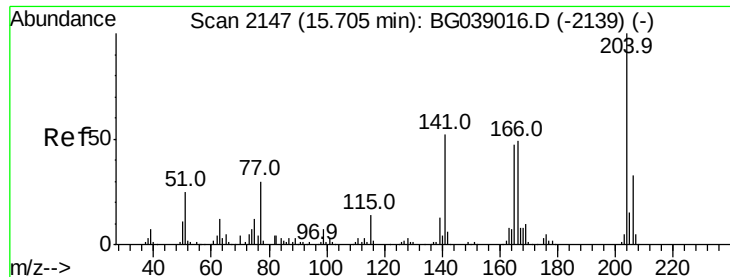
#60
 Diethylphthalate
 Concen: 47.645 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion:149 Resp: 313077
 Ion Ratio Lower Upper
 149 100
 177 23.3 19.0 28.6
 150 13.2 10.2 15.4



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





#61

4-Chlorophenyl-phenylether

Concen: 45.486 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

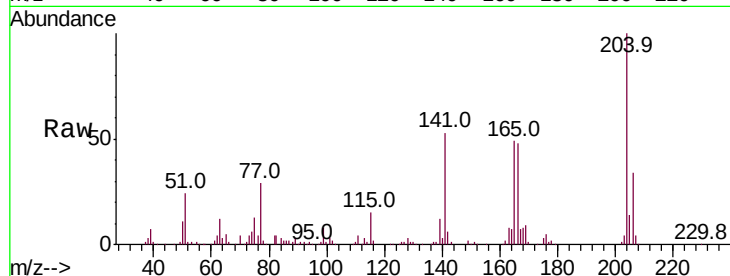
Tot Ion:204 Resp: 166490

Ion Ratio Lower Upper

204 100

206 34.0 26.6 39.8

141 52.7 41.4 62.0

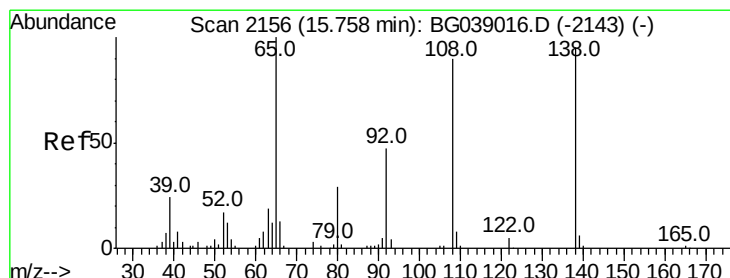
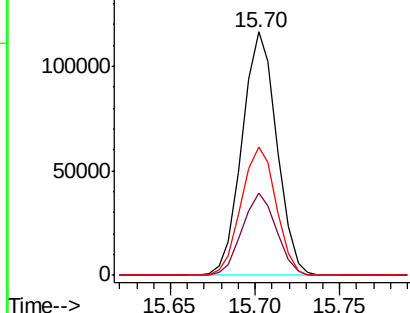
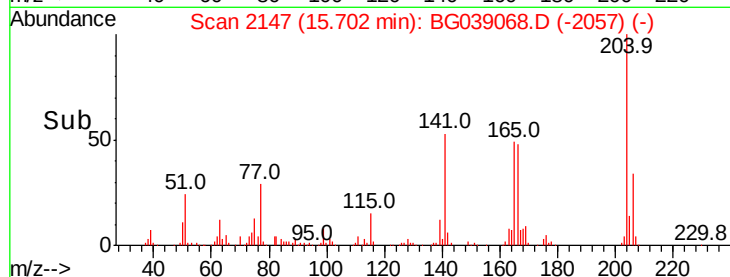


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 46.048 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

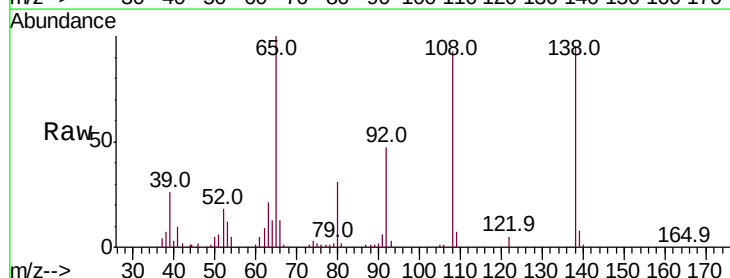
Tgt Ion:138 Resp: 69388

Ion Ratio Lower Upper

138 100

92 49.2 29.7 69.7

108 97.9 75.7 115.7

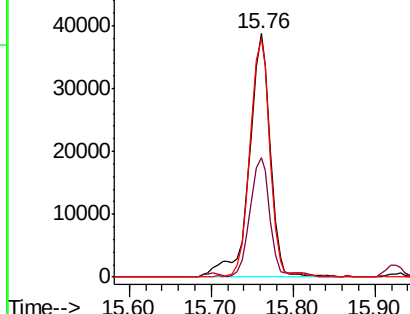
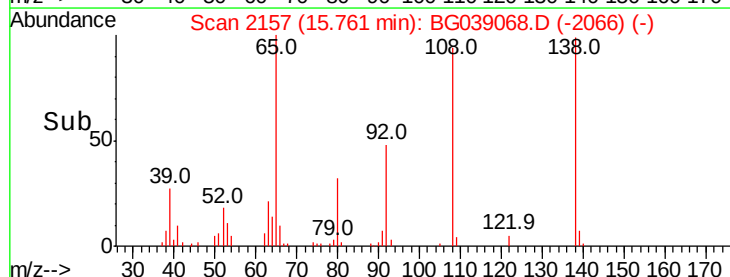


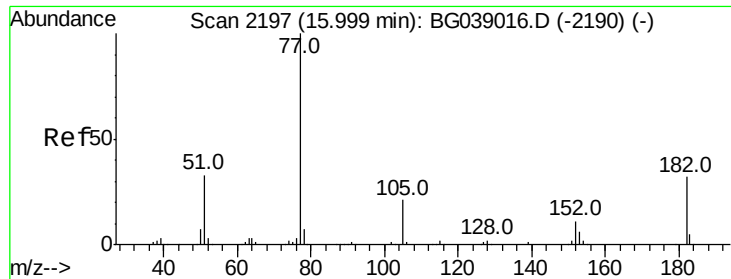
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

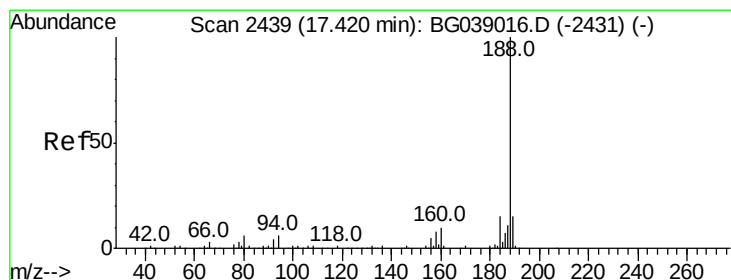
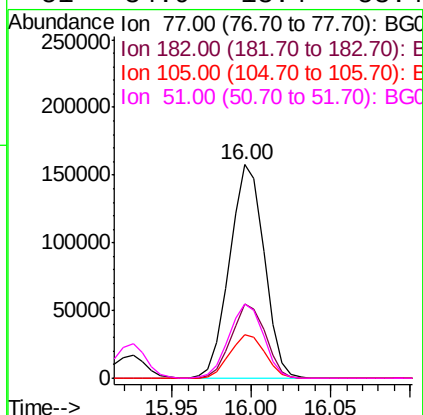
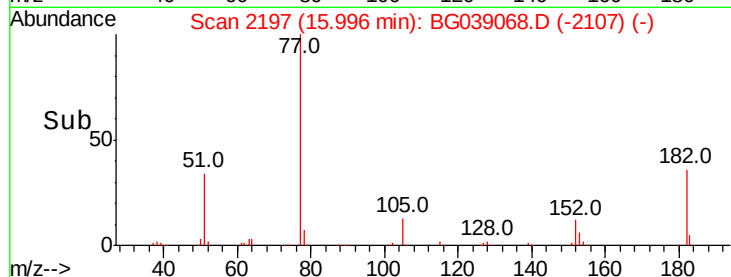
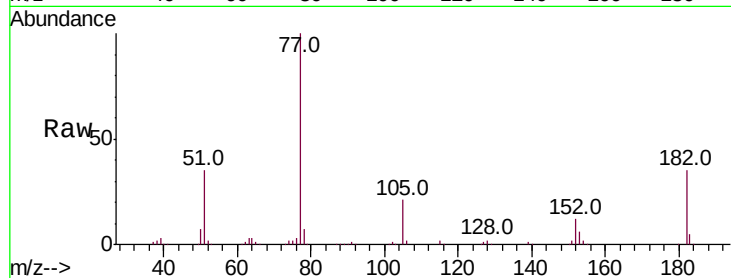




#63
Azobenzene
Concen: 46.427 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

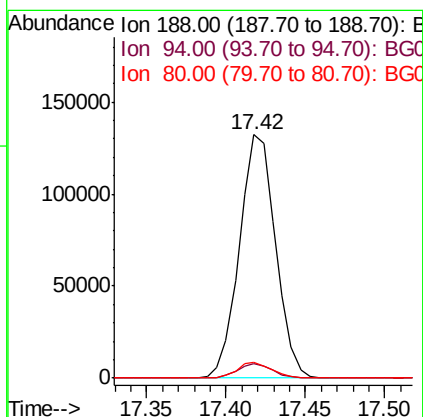
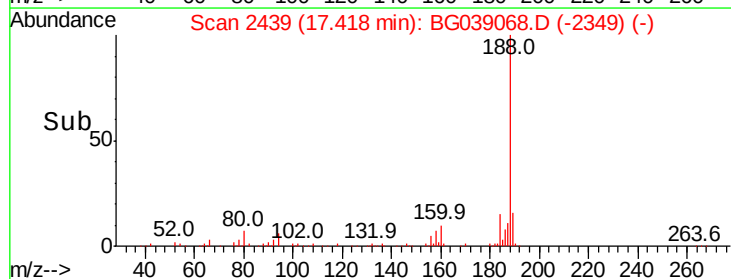
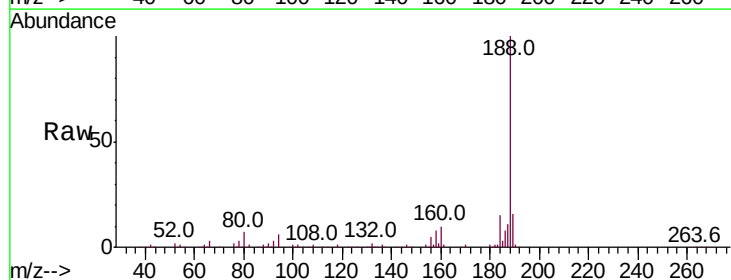
Instrument :
BNA_G
ClientSampled :

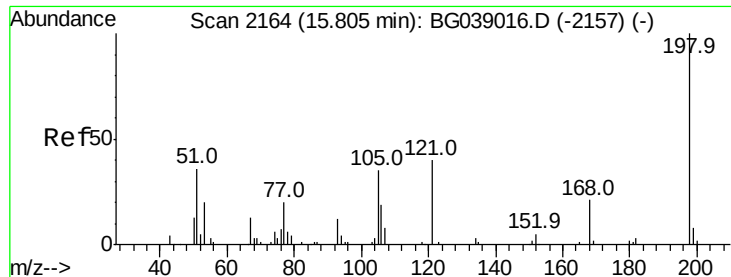
Tot Ion:	77	Resp:	238572
Ion	Ratio	Lower	Upper
77	100		
182	34.9	12.2	52.2
105	20.6	1.2	41.2
51	34.9	13.4	53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:	188	Resp:	208964
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	6.6	4.7	7.1

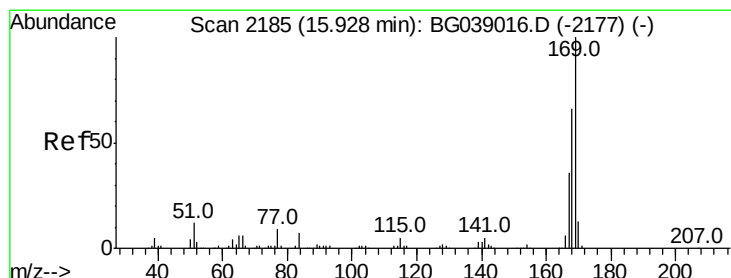
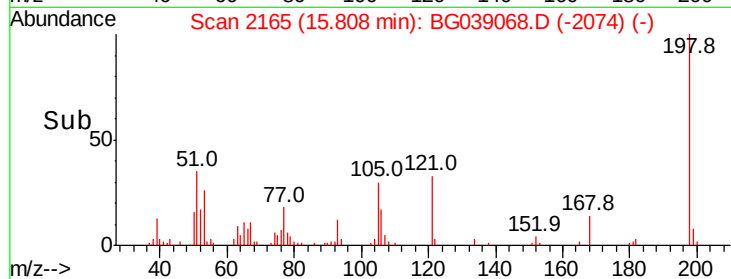
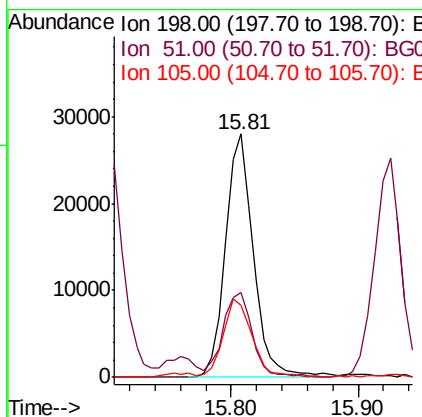
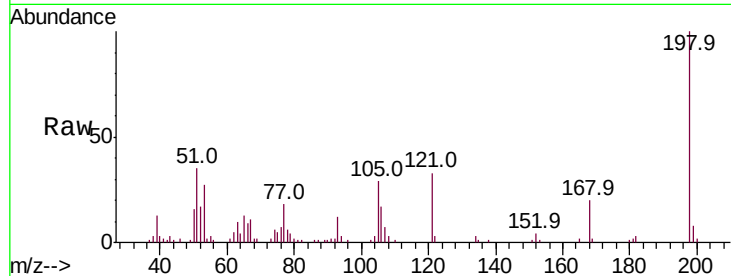




#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.500 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

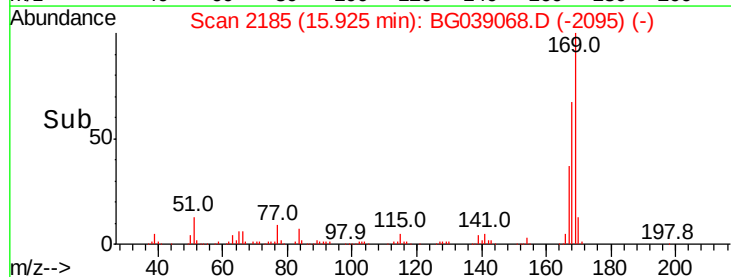
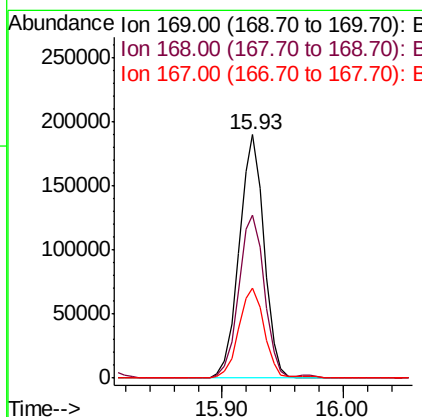
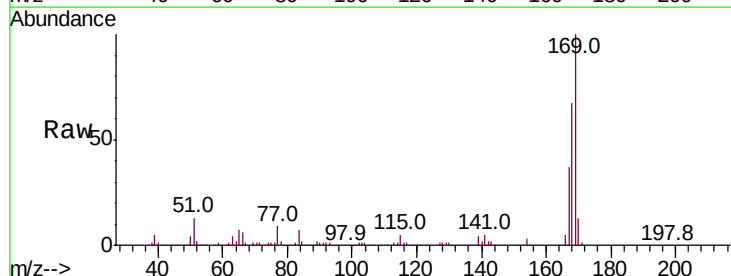
Instrument :
 BNA_G
 ClientSampleId :

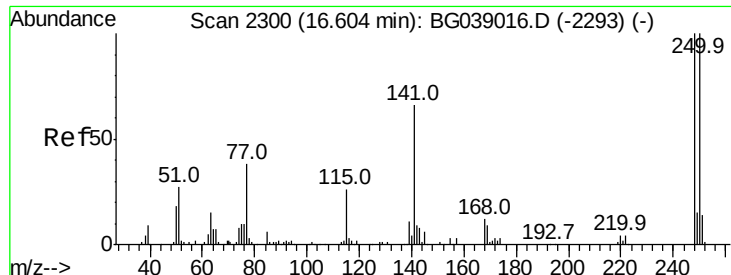
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.0	20.8	60.8
105	29.4	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 44.046 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	37.2	29.1	43.7

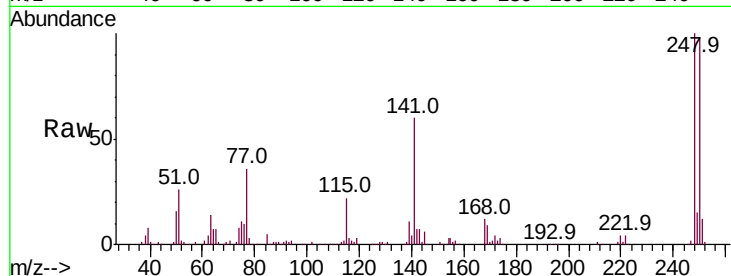




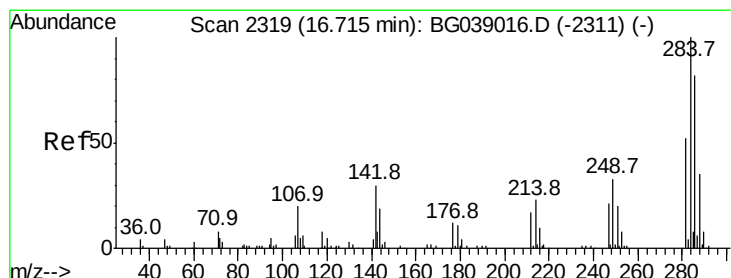
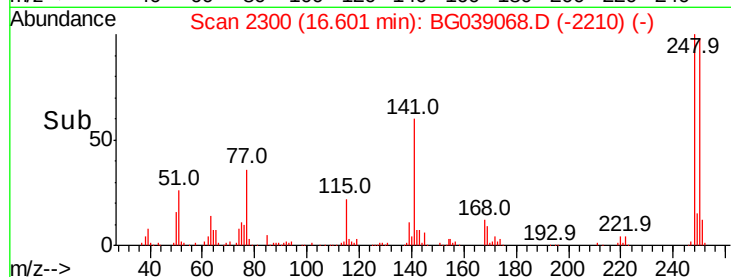
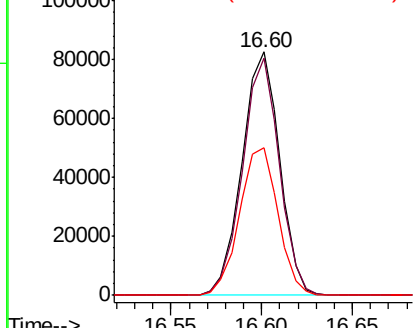
#67
 4-Bromophenyl-phenylether
 Concen: 44.386 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 119226
 Ion Ratio Lower Upper
 248 100
 250 97.5 79.9 119.9
 141 60.5 52.7 79.1

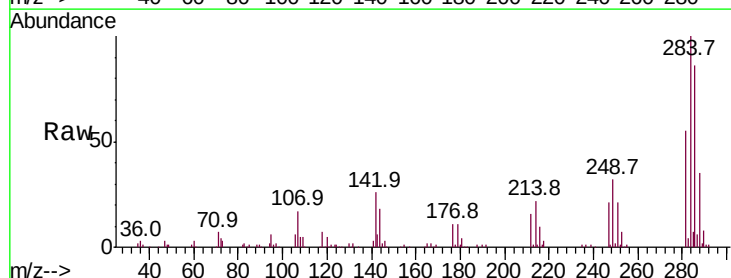


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

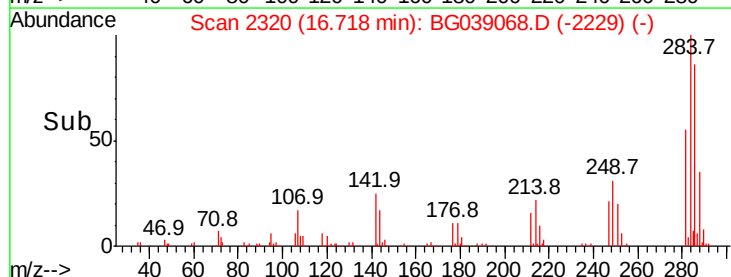
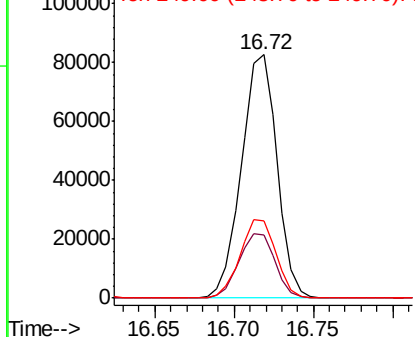


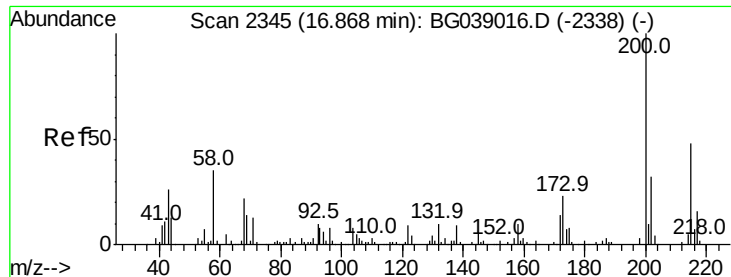
#68
 Hexachlorobenzene
 Concen: 43.925 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion:284 Resp: 128748
 Ion Ratio Lower Upper
 284 100
 142 26.1 24.3 36.5
 249 34.3 27.8 41.8



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: 43.862 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

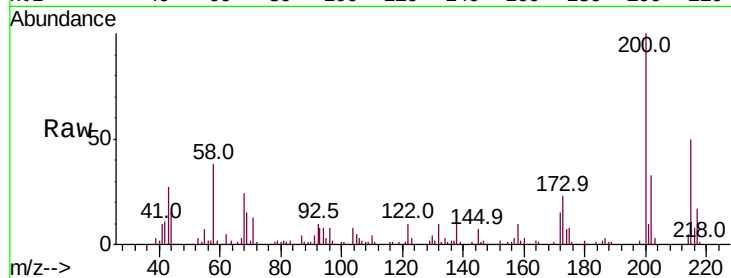
Tot Ion:200 Resp: 115427

Ion Ratio Lower Upper

200 100

173 23.0 2.6 42.6

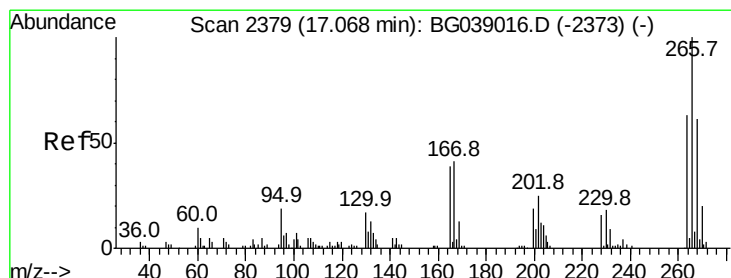
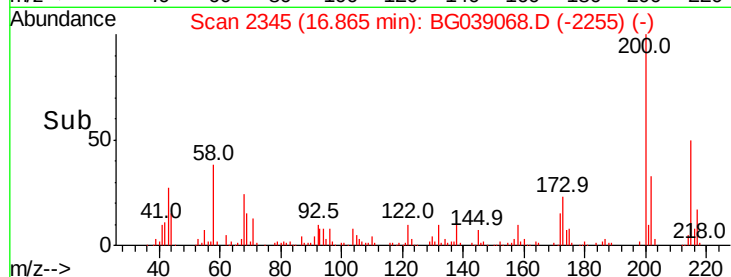
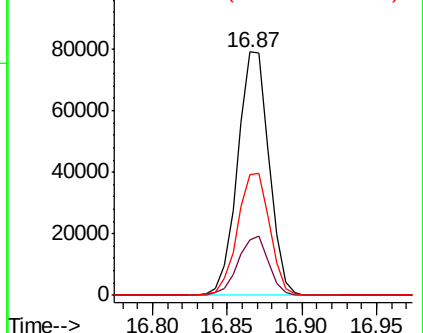
215 49.6 28.0 68.0



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: 58.087 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

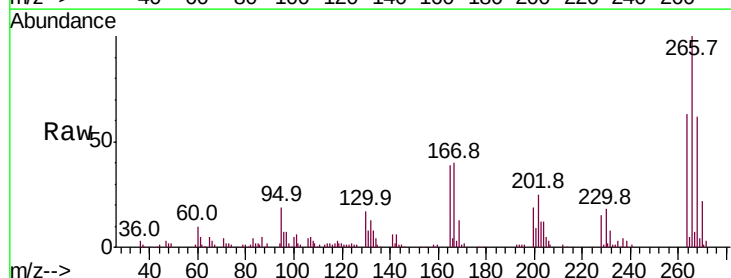
Tgt Ion:266 Resp: 102093

Ion Ratio Lower Upper

266 100

268 66.0 52.0 78.0

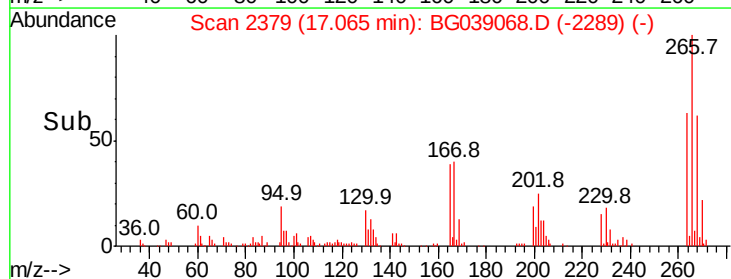
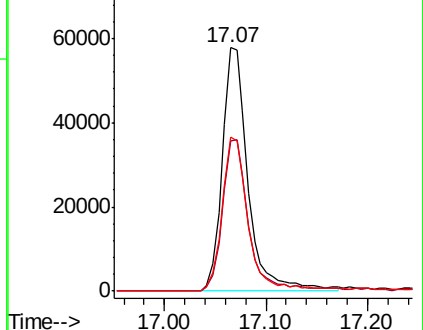
264 63.4 54.6 81.8

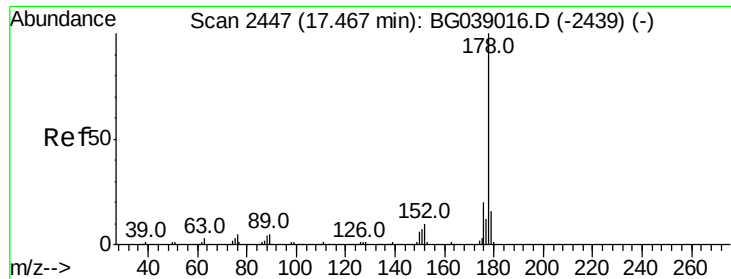


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

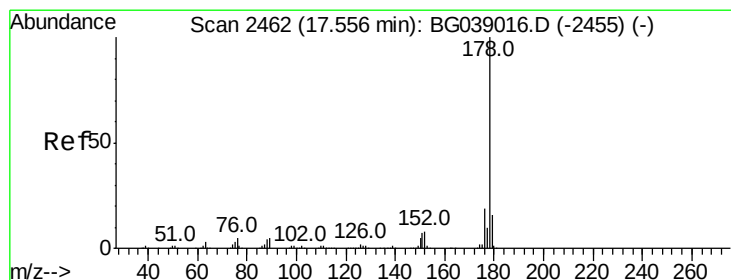
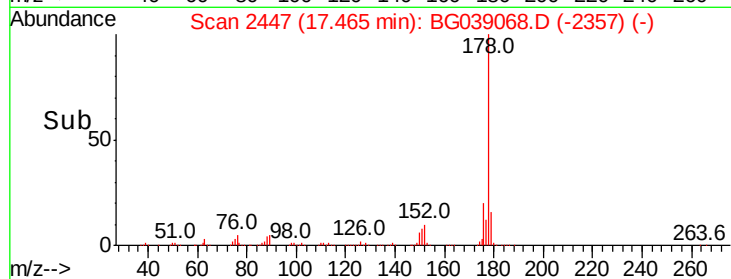
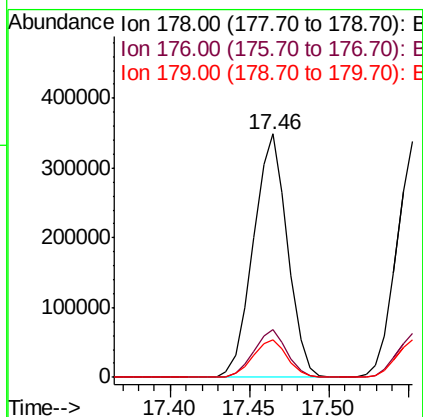
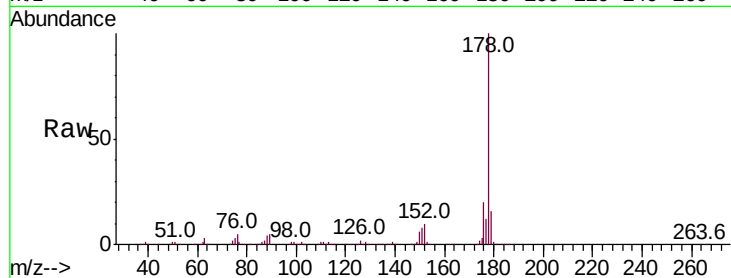




#71
Phenanthrene
Concen: 47.146 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

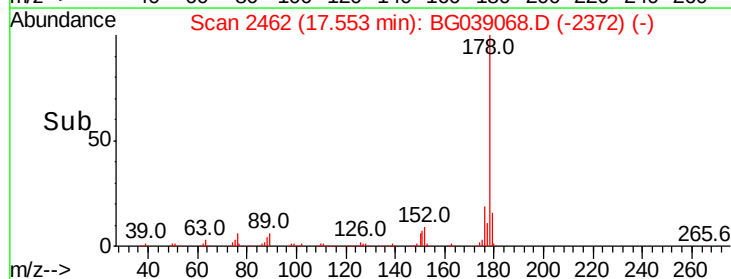
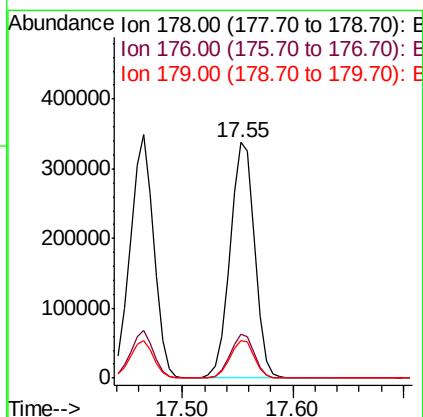
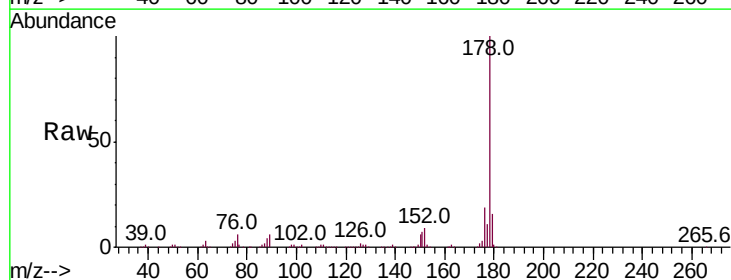
Instrument :
BNA_G
ClientSampleId :

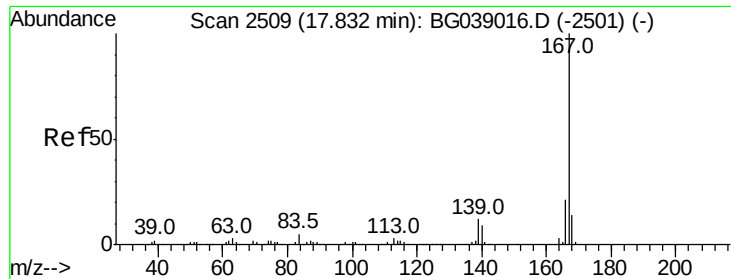
Tot Ion:178 Resp: 520733
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.6 12.9 19.3



#72
Anthracene
Concen: 48.126 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039068.D
Acq: 11 Jan 2019 1:12

Tgt Ion:178 Resp: 525570
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.9 13.0 19.4





#73

Carbazole

Concen: 40.412 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

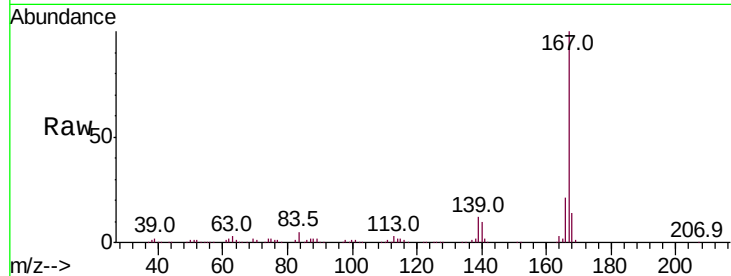
Tot Ion:167 Resp: 435675

Ion Ratio Lower Upper

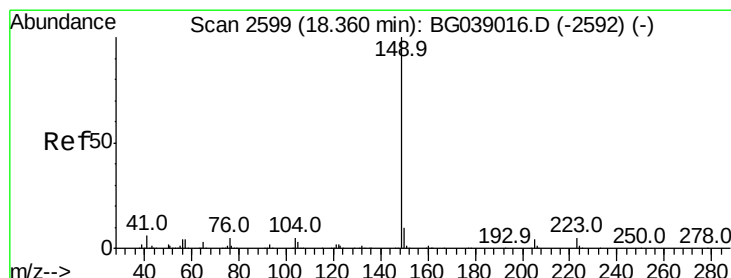
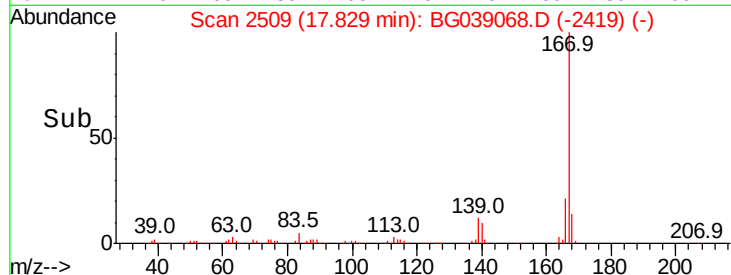
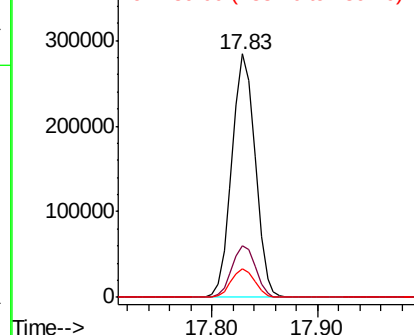
167 100

166 21.3 16.9 25.3

139 11.9 10.0 15.0



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: 44.377 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

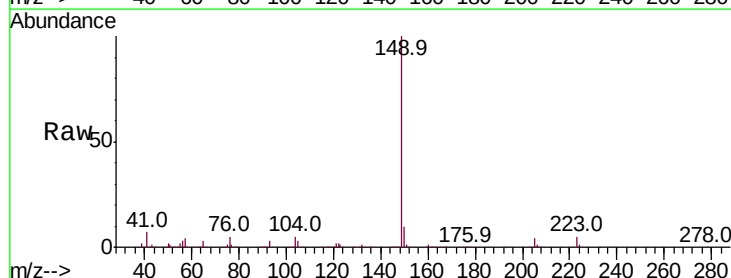
Tgt Ion:149 Resp: 532225

Ion Ratio Lower Upper

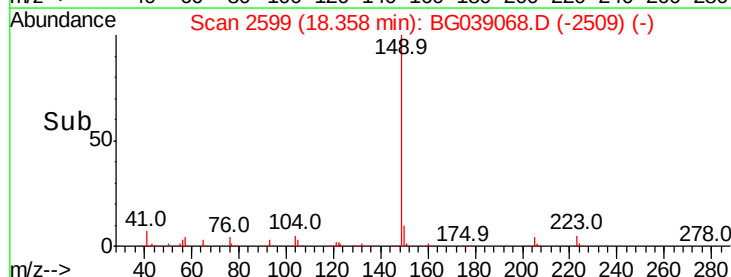
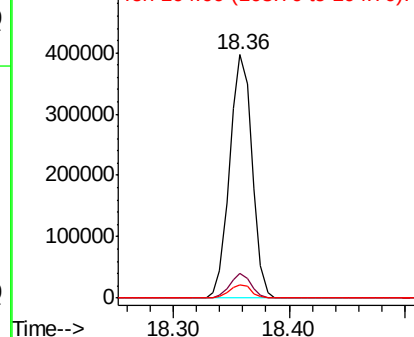
149 100

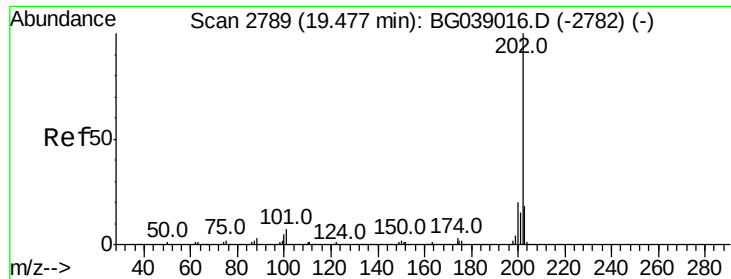
150 9.9 7.9 11.9

104 5.4 4.2 6.2



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: 41.751 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

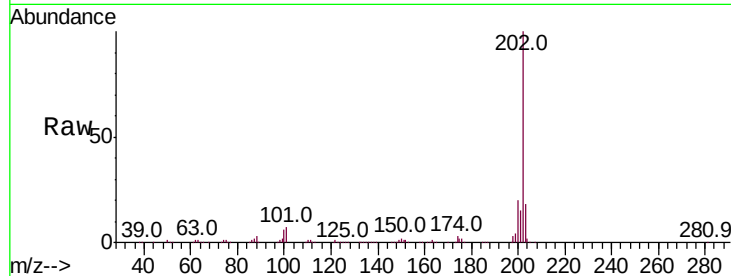
Tot Ion:202 Resp: 571676

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.9

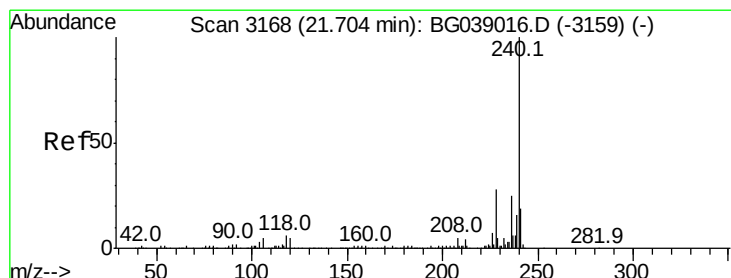
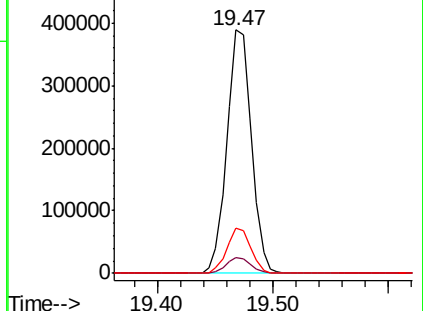
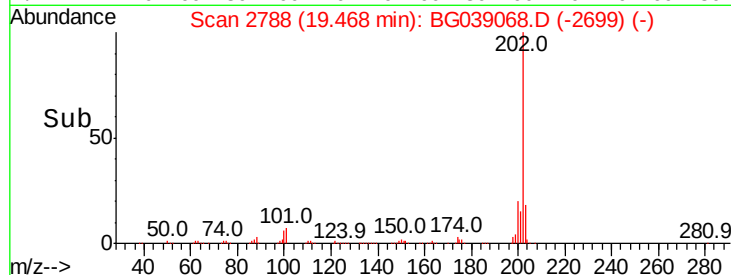
203 18.4 0.0 38.1



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: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

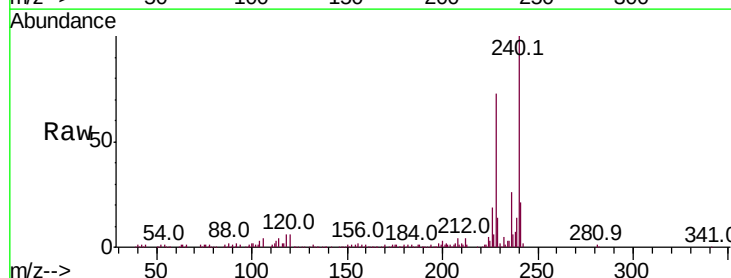
Tgt Ion:240 Resp: 171418

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

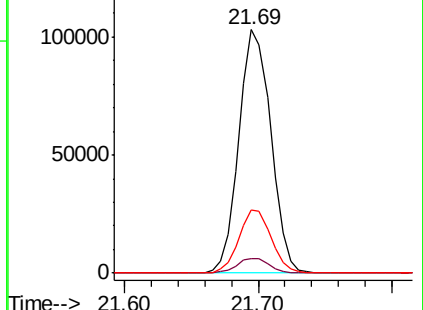
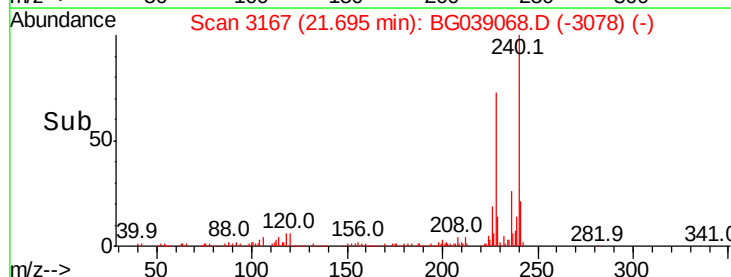
236 25.9 20.1 30.1

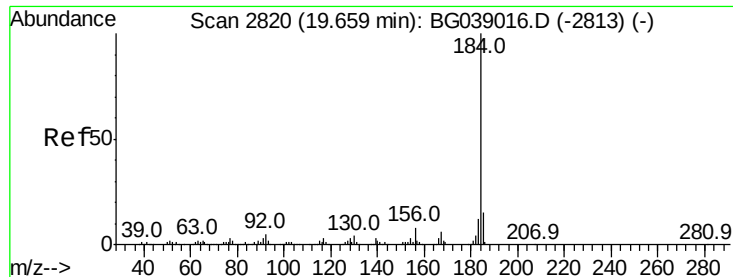


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.523 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

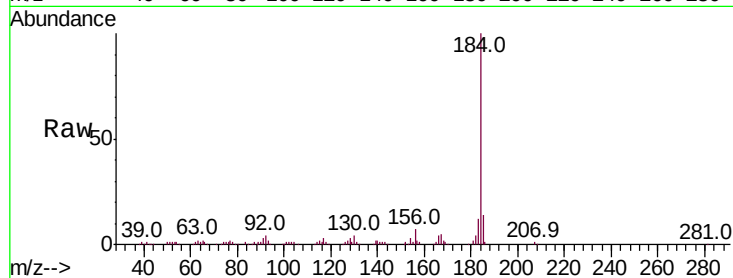
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 123330

Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.1	18.1
183	12.2	9.5	14.3

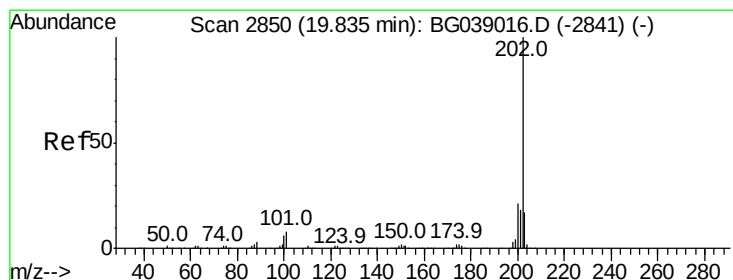
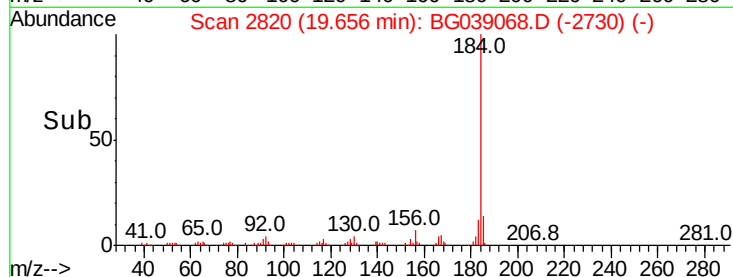
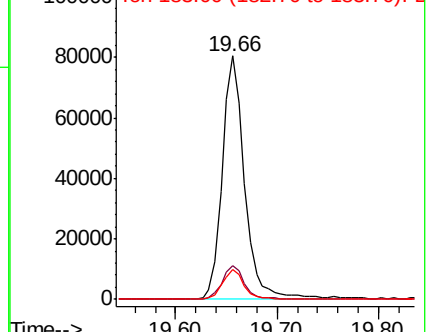


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.517 ng

RT: 19.83 min Scan# 2850

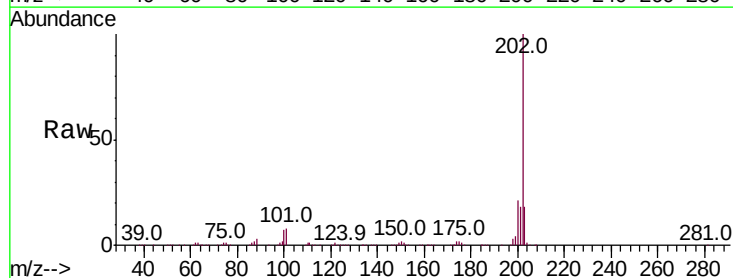
Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:202 Resp: 562782

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	18.3	14.0	21.0

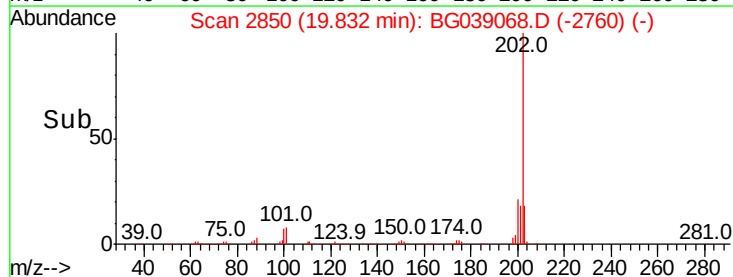
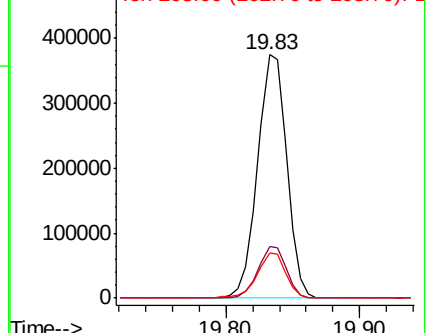


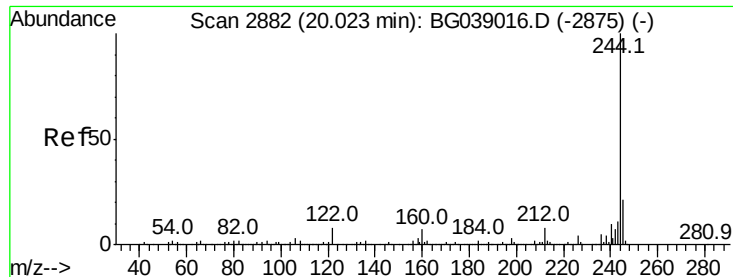
Abundance

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: 94.429 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

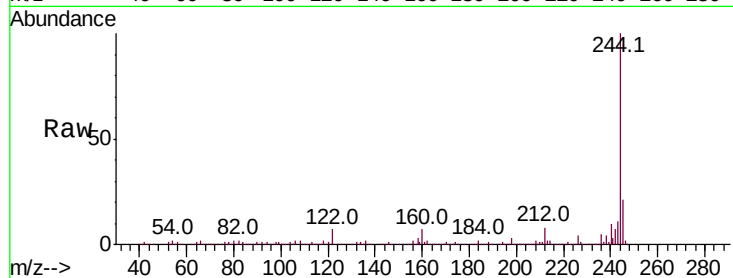
Tot Ion:244 Resp: 875018

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

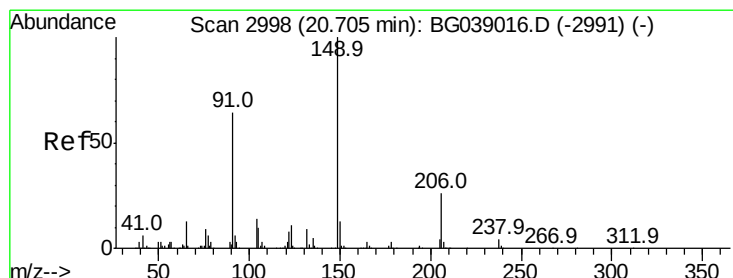
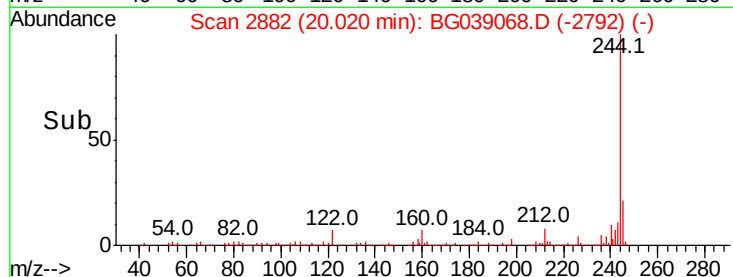
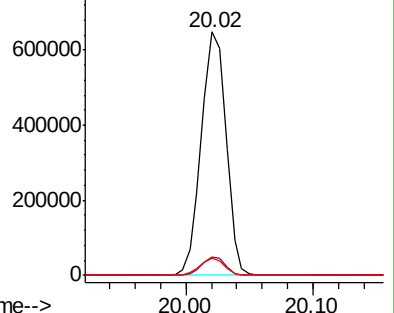
122 7.0 6.1 9.1



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: 46.302 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

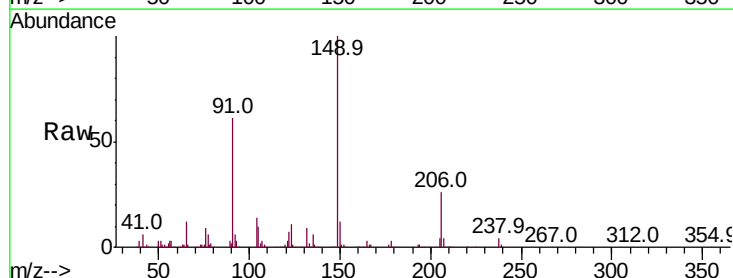
Tgt Ion:149 Resp: 192379

Ion Ratio Lower Upper

149 100

91 61.4 51.4 77.0

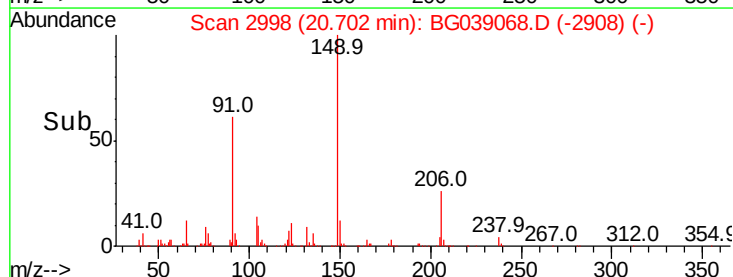
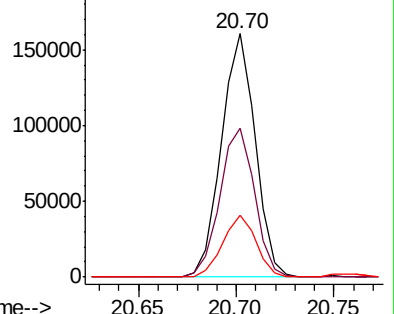
206 25.6 20.4 30.6

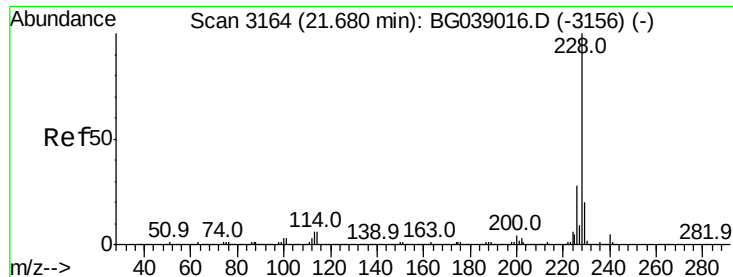


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.673 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

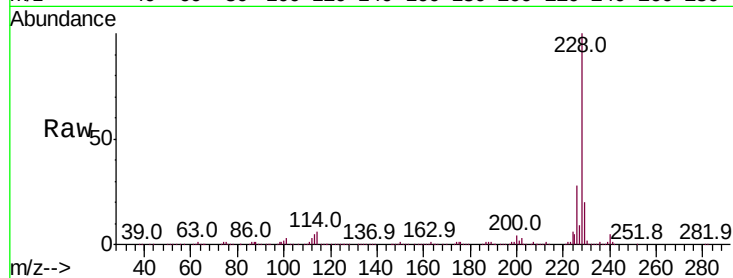
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 507901

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.6	16.2	24.2

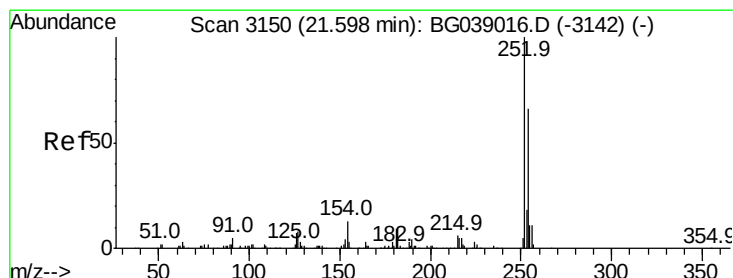
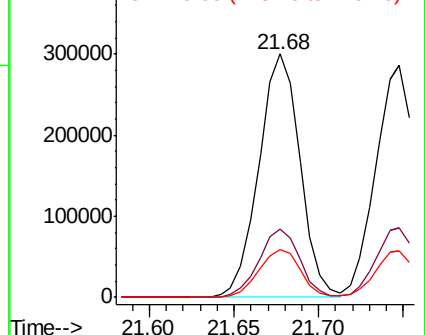
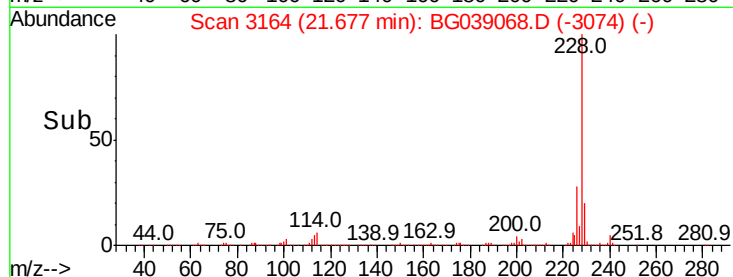


Abundance

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: 20.243 ng

RT: 21.59 min Scan# 3149

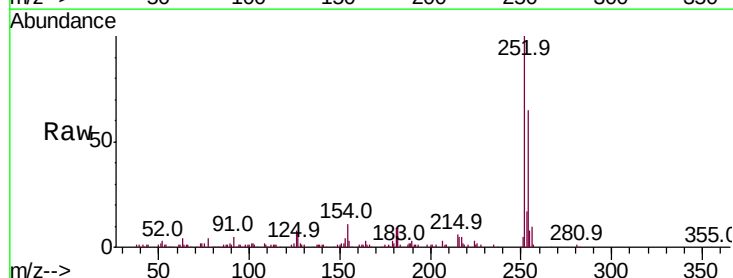
Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:252 Resp: 86068

Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.0	79.6
126	8.3	6.0	9.0

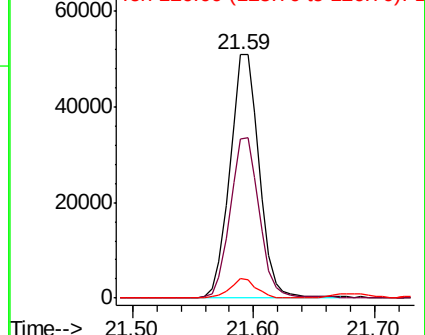
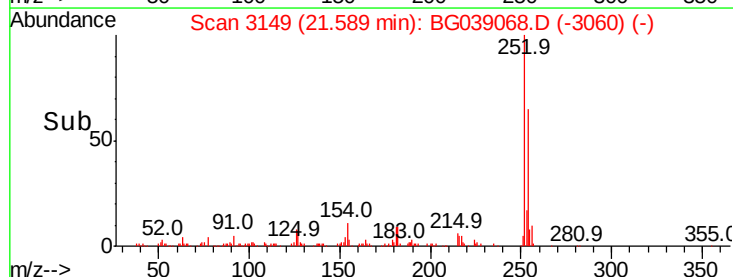


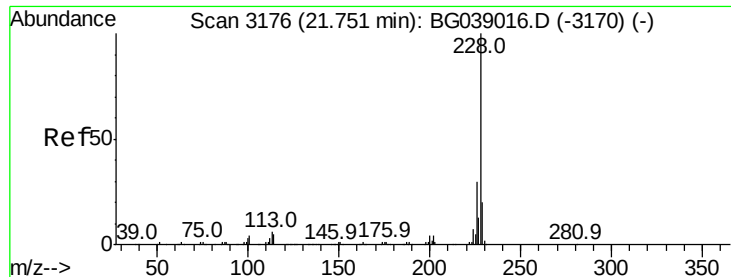
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

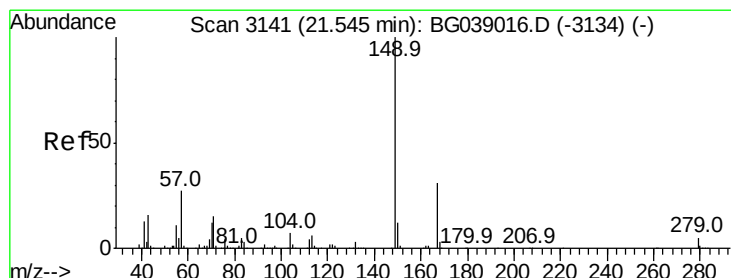
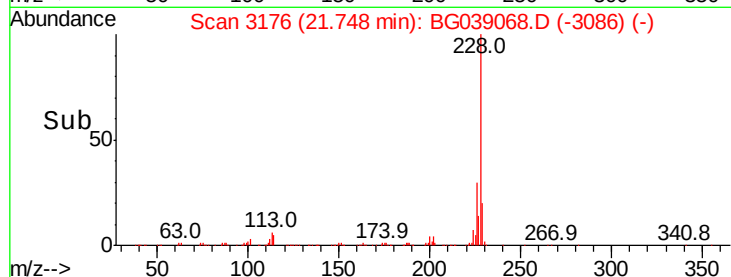
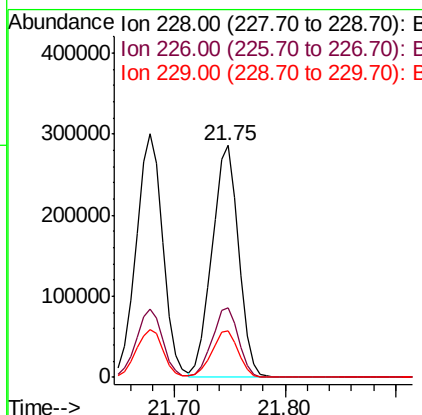
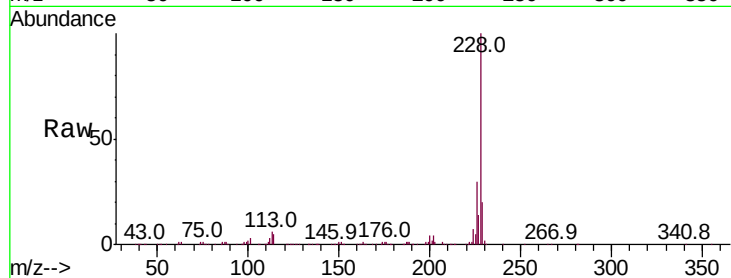




#83
 Chrysene
 Concen: 47.720 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

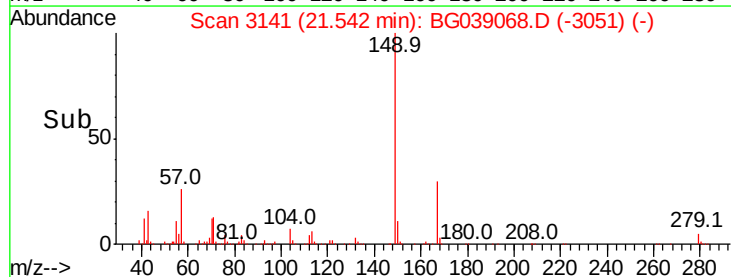
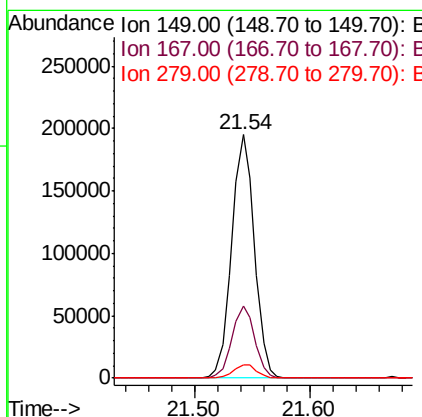
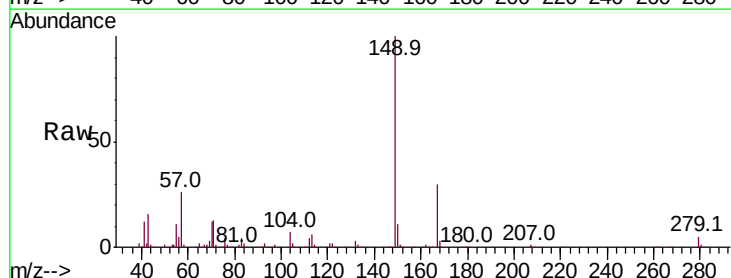
Instrument :
 BNA_G
 ClientSampleId :

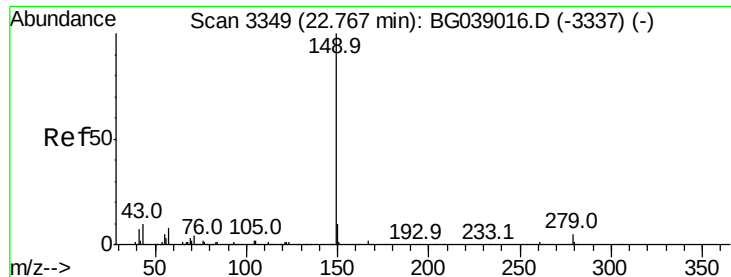
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.1	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.794 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG039068.D
 Acq: 11 Jan 2019 1:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	25.0	37.4
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.815 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

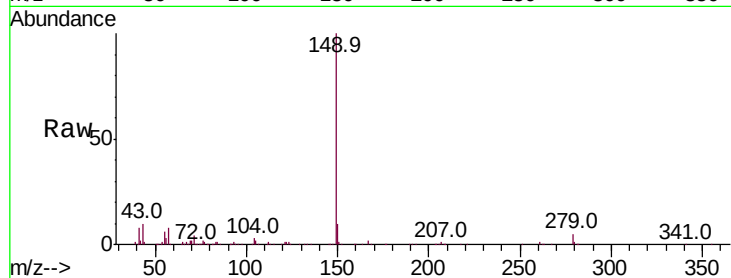
Tot Ion:149 Resp: 456685

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

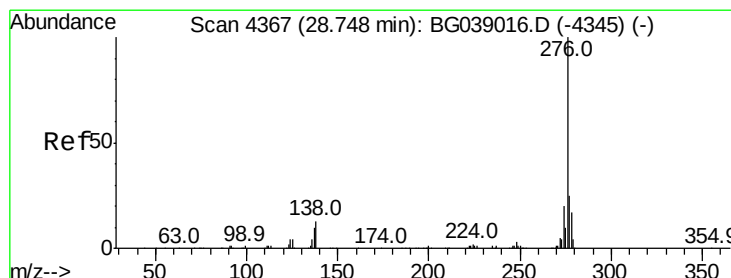
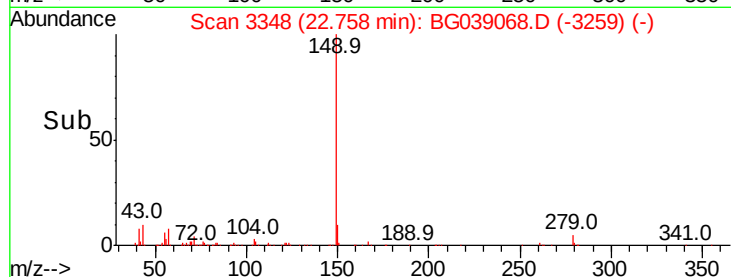
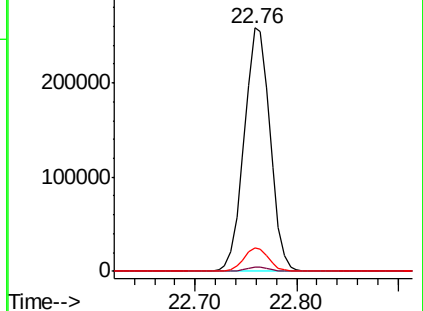
43 9.2 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.434 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

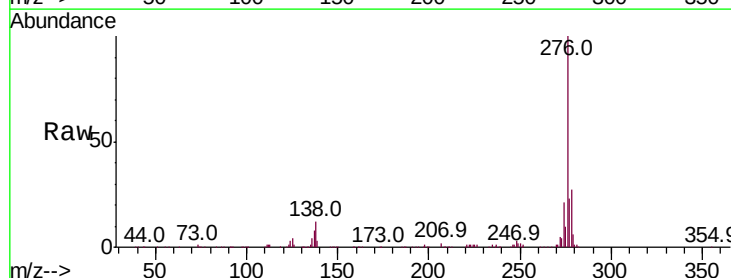
Tgt Ion:276 Resp: 598094

Ion Ratio Lower Upper

276 100

138 14.9 8.0 12.0#

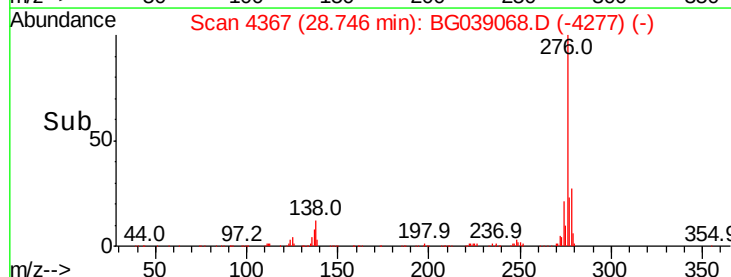
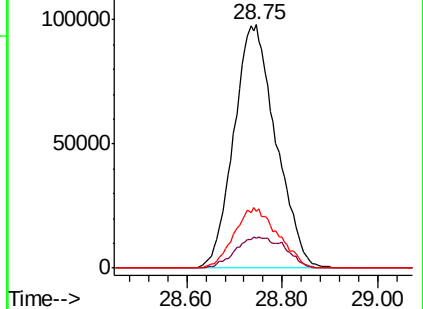
277 25.7 20.3 30.5

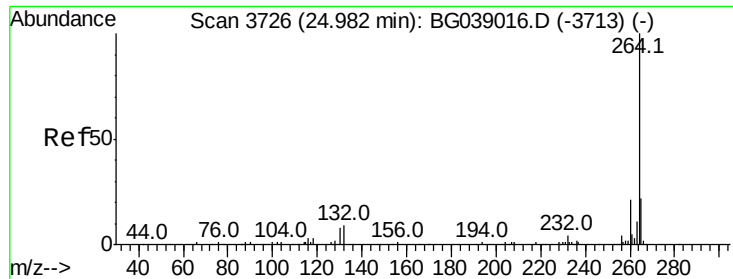


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampleId :

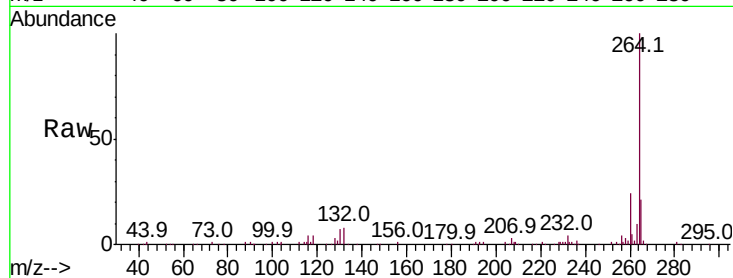
Tot Ion:264 Resp: 189619

Ion Ratio Lower Upper

264 100

260 24.0 17.0 25.6

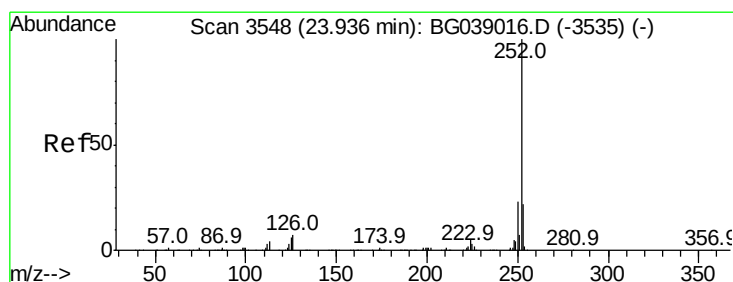
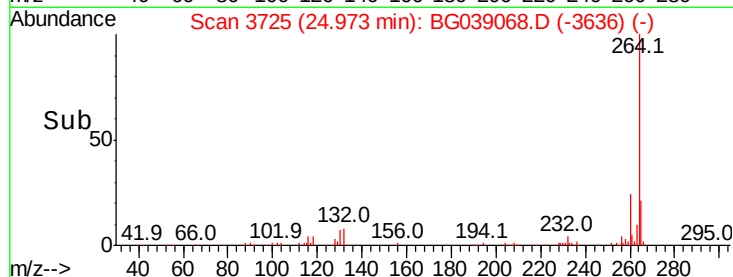
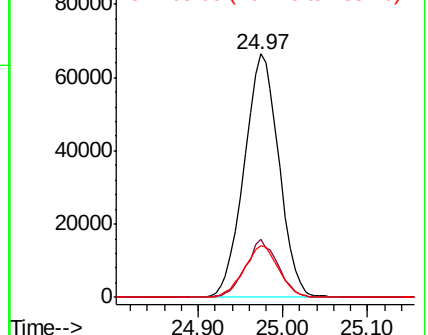
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.110 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

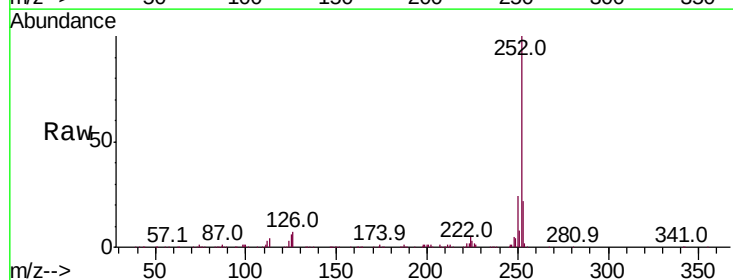
Tgt Ion:252 Resp: 513473

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

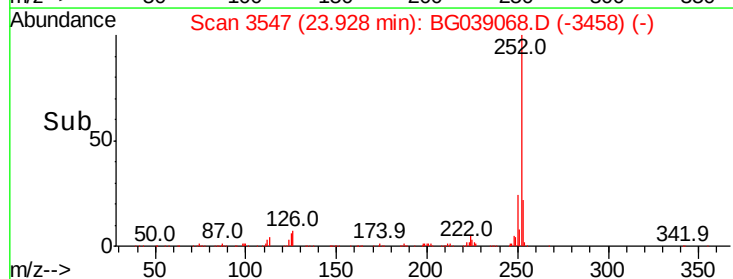
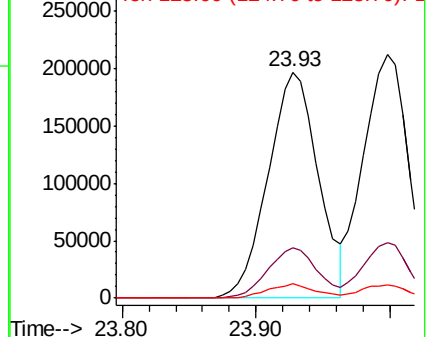
125 6.3 4.9 7.3

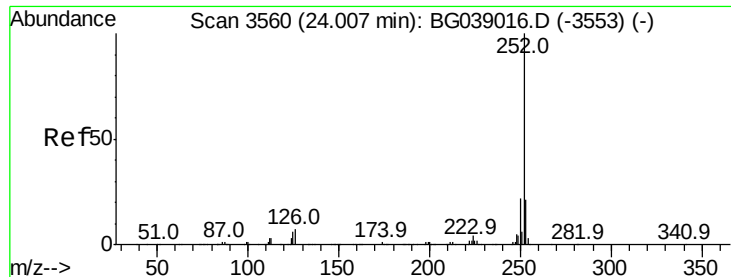


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.708 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Instrument :

BNA_G

ClientSampled :

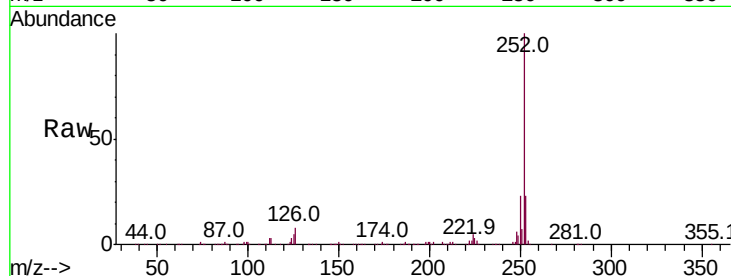
Tot Ion:252 Resp: 493190

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

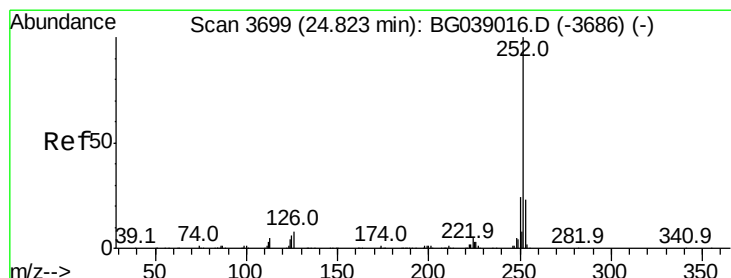
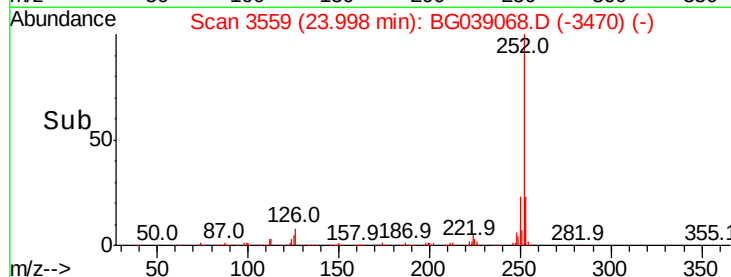
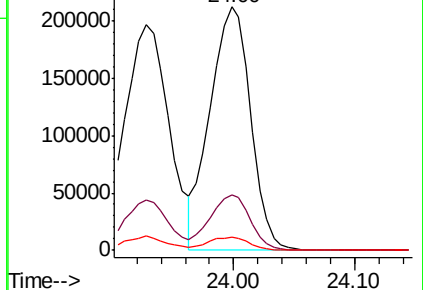
125 5.5 4.6 7.0



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: 49.379 ng

RT: 24.83 min Scan# 3700

Delta R.T. 0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

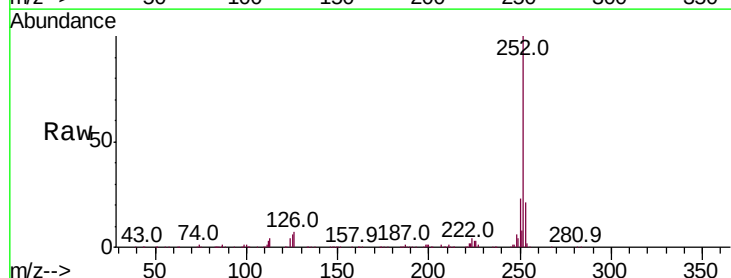
Tgt Ion:252 Resp: 499026

Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

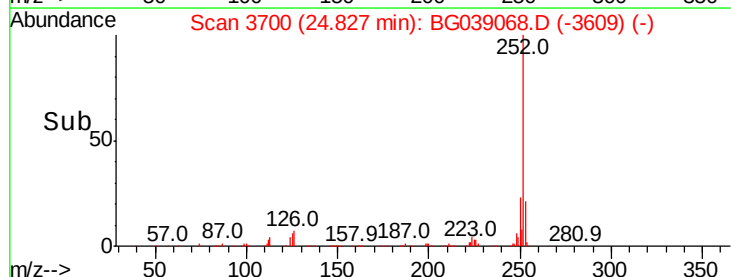
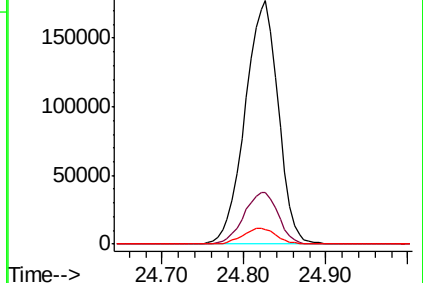
125 6.1 4.9 7.3

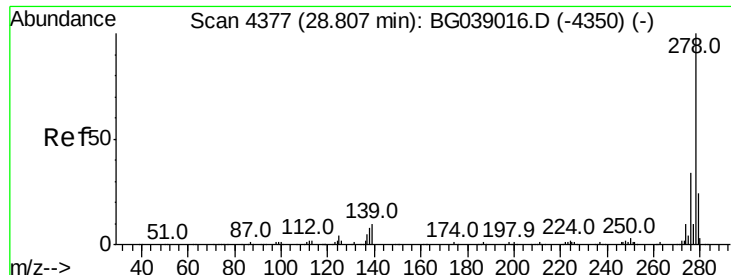


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.803 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.00 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

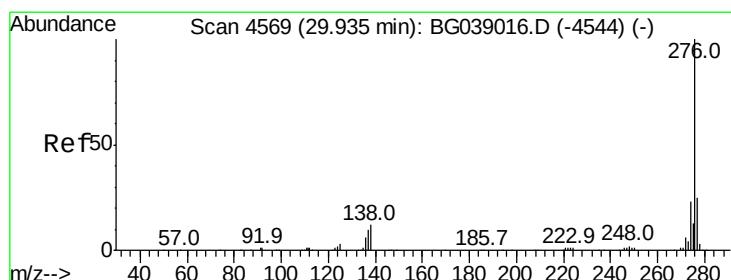
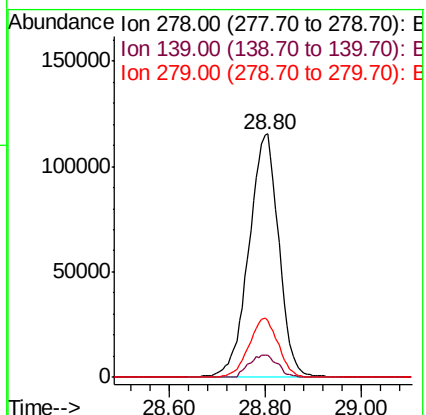
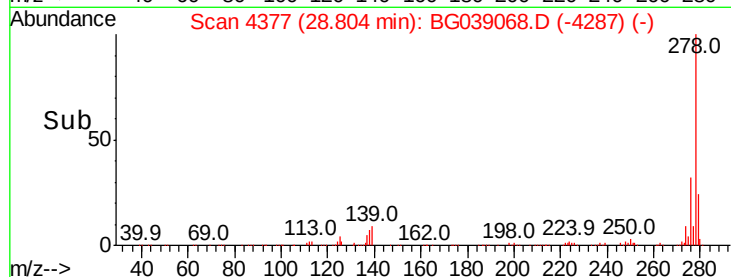
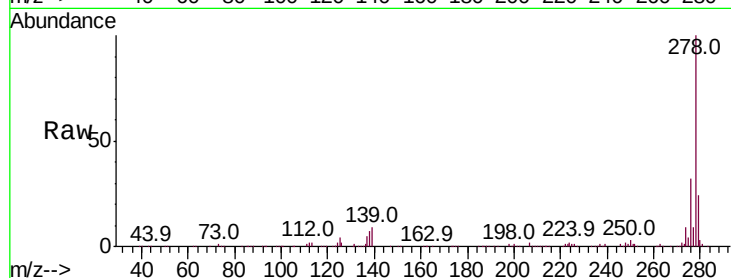
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 500636

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.9	11.9
279	23.6	19.3	28.9



#92

Benzo(g,h,i)perylene

Concen: 49.481 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.01 min

Lab File: BG039068.D

Acq: 11 Jan 2019 1:12

Tgt Ion:276 Resp: 492416

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.3	30.5
138	12.1	9.4	14.2

