

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039193.D
 Acq On : 17 Jan 2019 19:19
 Operator : JU/SJ
 Sample : PB116454BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Quant Time: Jan 18 04:13:10 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	8.01	152	19810	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	91084	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	49255	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	145166	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	159170	20.00	ng	-0.02
87) Perylene-d12	24.95	264	195122	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	157361	150.69	ng	-0.01
7) Phenol-d6	7.18	99	229603	152.78	ng	-0.01
23) Nitrobenzene-d5	9.19	82	120155	72.18	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	109545	132.68	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	289798	80.52	ng	-0.01
79) Terphenyl-d14	20.01	244	677582	78.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	14517	35.499	ng	94
3) Pyridine	3.85	79	41908	37.714	ng	97
4) n-Nitrosodimethylamine	3.77	42	22893	45.783	ng	# 94
6) Aniline	7.34	93	55339	30.660	ng	99
8) 2-Chlorophenol	7.58	128	58780	47.750	ng	97
9) Benzaldehyde	7.16	77	18562	21.417	ng	96
10) Phenol	7.20	94	71026	47.139	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	46300	40.205	ng	98
12) 1,3-Dichlorobenzene	7.90	146	58883	39.924	ng	97
13) 1,4-Dichlorobenzene	8.05	146	56827	38.044	ng	97
14) 1,2-Dichlorobenzene	8.37	146	54201	38.057	ng	97
15) Benzyl Alcohol	8.25	79	44389	39.221	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	82305	37.273	ng	99
17) 2-Methylphenol	8.46	107	43034	41.132	ng	96
18) Hexachloroethane	9.09	117	21491	42.350	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	41009	41.553	ng	94
20) 3+4-Methylphenols	8.79	107	59266	39.731	ng	96
22) Acetophenone	8.85	105	85986	36.149	ng	# 97
24) Nitrobenzene	9.24	77	57100	33.938	ng	99
25) Isophorone	9.75	82	134992	47.080	ng	97
26) 2-Nitrophenol	9.95	139	39139	43.008	ng	98
27) 2,4-Dimethylphenol	9.99	122	65448	51.118	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	81776	47.454	ng	97
29) 2,4-Dichlorophenol	10.48	162	72264	45.432	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	75761	39.642	ng	97
31) Naphthalene	10.88	128	194758	42.633	ng	99
32) Benzoic acid	10.16	122	21262	31.134	ng	94
33) 4-Chloroaniline	11.00	127	33211	16.247	ng	94
34) Hexachlorobutadiene	11.14	225	46693	35.507	ng	96
35) Caprolactam	11.79	113	10560	16.556	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	57075	33.549	ng	92
37) 2-Methylnaphthalene	12.48	142	117162	34.208	ng	96
38) 1-Methylnaphthalene	12.70	142	110918	33.740	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	75413	40.768	ng	99

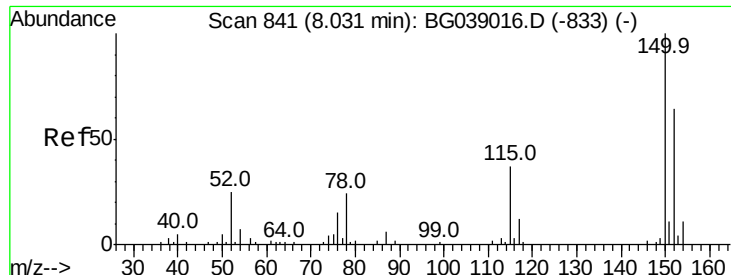
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039193.D
 Acq On : 17 Jan 2019 19:19
 Operator : JU/SJ
 Sample : PB116454BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Quant Time: Jan 18 04:13:10 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)
41) Hexachlorocyclopentadiene	12.81	237	88480	84.575	ng	96
43) 2,4,6-Trichlorophenol	13.10	196	49332	42.373	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	52704	42.832	ng	99
46) 1,1'-Biphenyl	13.49	154	154679	39.632	ng	99
47) 2-Chloronaphthalene	13.54	162	124902	39.547	ng	97
48) 2-Nitroaniline	13.75	65	35938	40.617	ng	96
49) Acenaphthylene	14.38	152	203760	42.923	ng	99
50) Dimethylphthalate	14.11	163	166458	39.992	ng	100
51) 2,6-Dinitrotoluene	14.24	165	38374	41.237	ng	96
52) Acenaphthene	14.72	154	117388	41.157	ng	99
53) 3-Nitroaniline	14.58	138	23849	25.263	ng	99
54) 2,4-Dinitrophenol	14.79	184	45837	82.226	ng	95
55) Dibenzofuran	15.05	168	203797	40.458	ng	98
56) 4-Nitrophenol	14.89	139	61258	90.186	ng	95
57) 2,4-Dinitrotoluene	15.03	165	55573	41.625	ng	# 94
58) Fluorene	15.70	166	163528	43.128	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50938	43.854	ng	98
60) Diethylphthalate	15.46	149	173441	40.444	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	93278	39.048	ng	97
62) 4-Nitroaniline	15.75	138	40987	41.678	ng	91
63) Azobenzene	15.98	77	134203	40.017	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	37409	34.784	ng	99
66) n-Nitrosodiphenylamine	15.91	169	153199	35.599	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	69015	36.985	ng	99
68) Hexachlorobenzene	16.70	284	72741	35.724	ng	98
69) Atrazine	16.85	200	70526	38.577	ng	99
70) Pentachlorophenol	17.06	266	73510	59.994	ng	93
71) Phenanthrene	17.45	178	320725	41.799	ng	98
72) Anthracene	17.54	178	321425	42.368	ng	100
73) Carbazole	17.81	167	286140	38.206	ng	100
74) Di-n-butylphthalate	18.34	149	331359	39.771	ng	99
75) Fluoranthene	19.46	202	413509	43.472	ng	99
77) Benzidine	19.65	184	162675	33.414	ng	99
78) Pyrene	19.82	202	420694	41.473	ng	98
80) Butylbenzylphthalate	20.69	149	155966	40.426	ng	99
81) Benzo(a)anthracene	21.66	228	421730	43.525	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	95072	24.082	ng	99
83) Chrysene	21.73	228	384381	41.710	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	224767	41.958	ng	97
85) Di-n-octyl phthalate	22.74	149	424751	46.892	ng	100
86) Indeno(1,2,3-cd)pyrene	28.69	276	493579	44.823	ng	# 76
88) Benzo(b)fluoranthene	23.90	252	454934	42.284	ng	99
89) Benzo(k)fluoranthene	23.97	252	418935	39.382	ng	98
90) Benzo(a)pyrene	24.79	252	487086	46.838	ng	99
91) Dibenzo(a,h)anthracene	28.75	278	405347	39.187	ng	100
92) Benzo(g,h,i)perylene	29.87	276	405667	39.614	ng	96

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

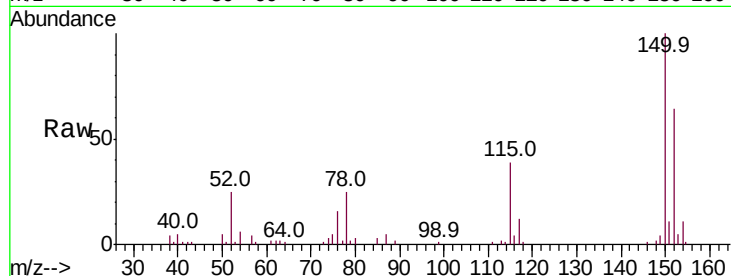


#1

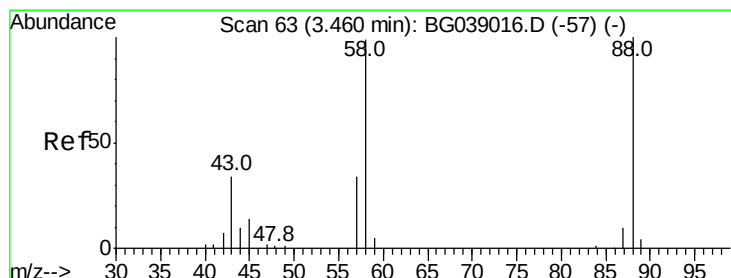
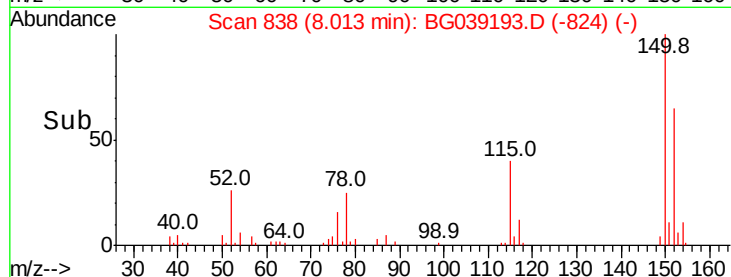
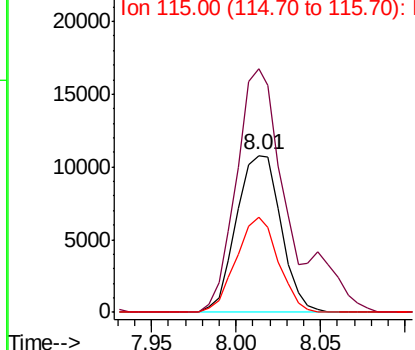
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:152 Resp: 19810
Ion Ratio Lower Upper
152 100
150 155.4 124.7 187.1
115 60.7 46.5 69.7



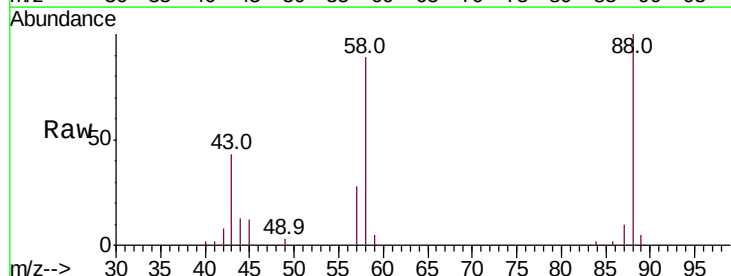
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



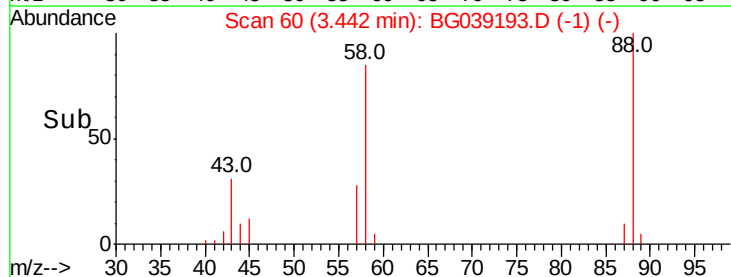
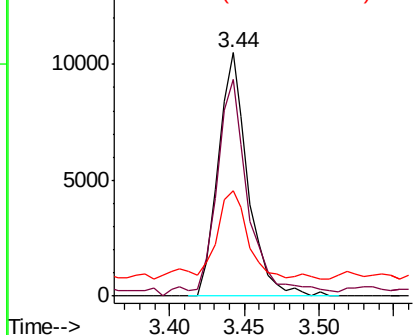
#2

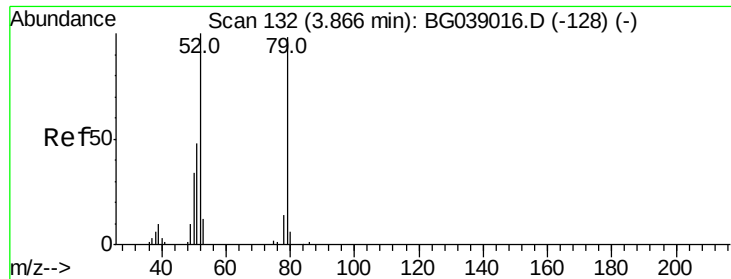
1,4-Dioxane
Concen: 35.499 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion: 88 Resp: 14517
Ion Ratio Lower Upper
88 100
58 98.4 72.4 108.6
43 35.4 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: 37.714 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

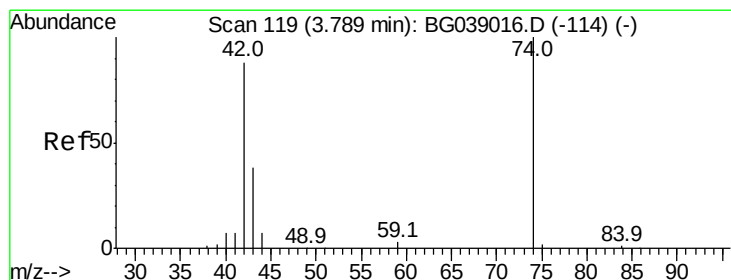
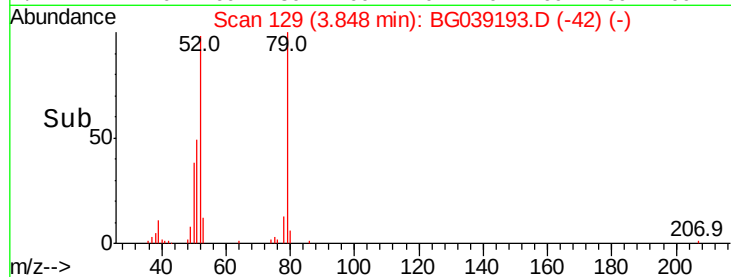
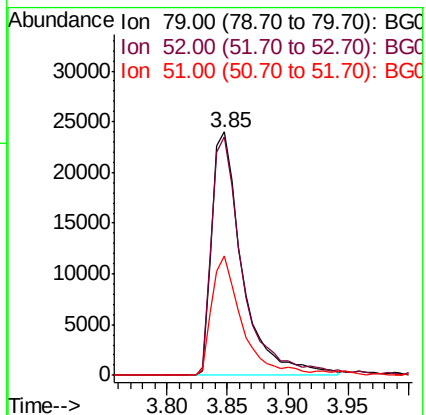
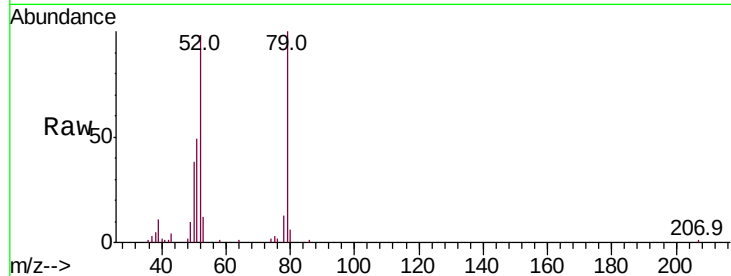
Tot Ion: 79 Resp: 41908

Ion Ratio Lower Upper

79 100

52 97.8 81.5 122.3

51 49.1 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 45.783 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

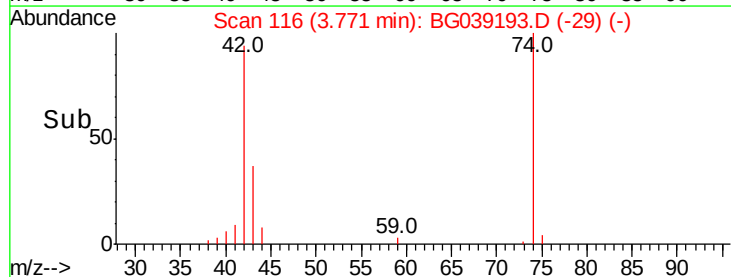
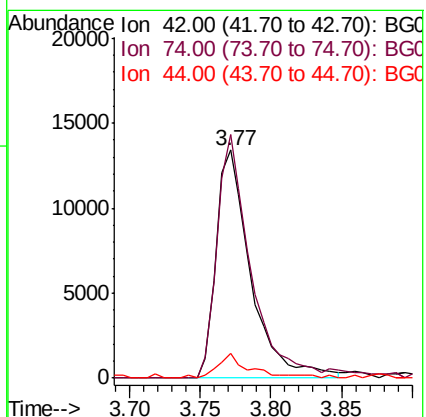
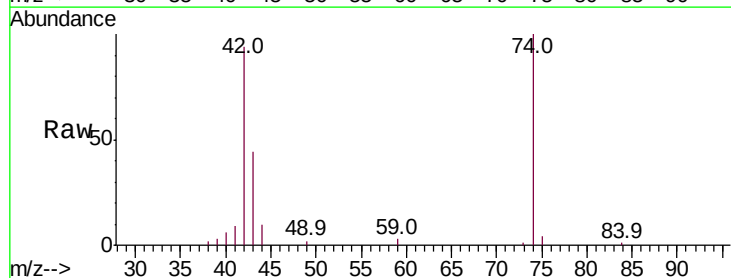
Tgt Ion: 42 Resp: 22893

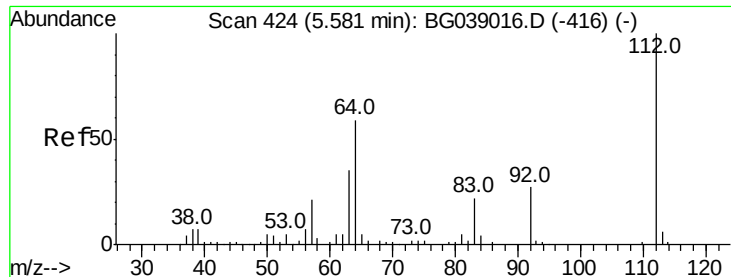
Ion Ratio Lower Upper

42 100

74 106.8 90.7 136.1

44 10.7 6.5 9.7#





#5

2-Fluorophenol

Concen: 150.687 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

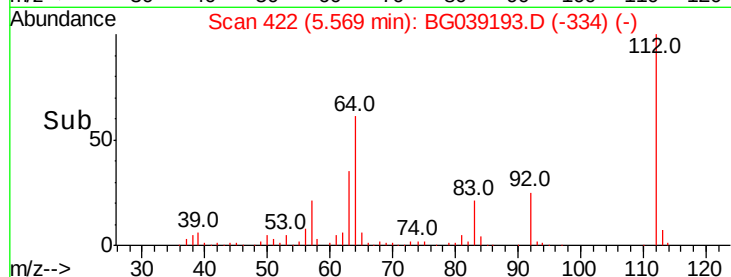
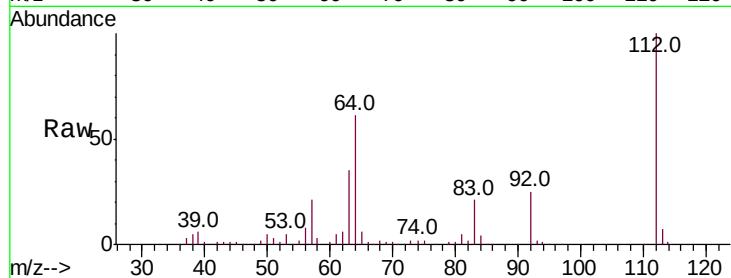
Tot Ion:112 Resp: 157361

Ion Ratio Lower Upper

112 100

64 60.5 47.0 70.6

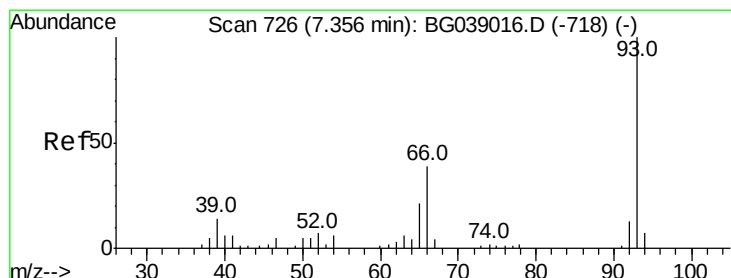
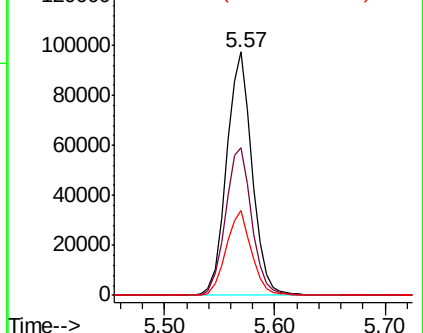
63 34.6 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.660 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

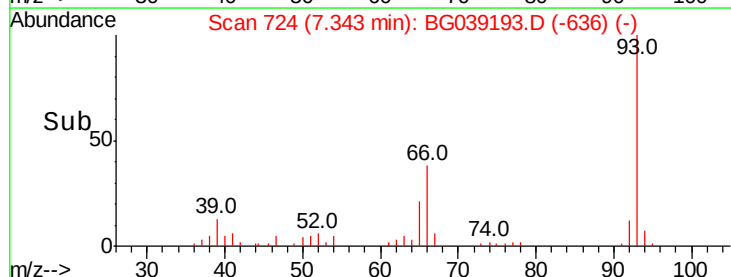
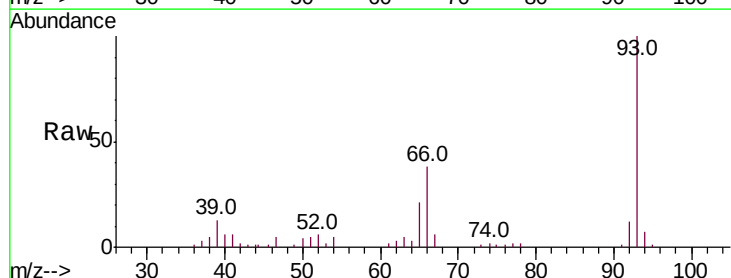
Tgt Ion: 93 Resp: 55339

Ion Ratio Lower Upper

93 100

66 38.4 30.9 46.3

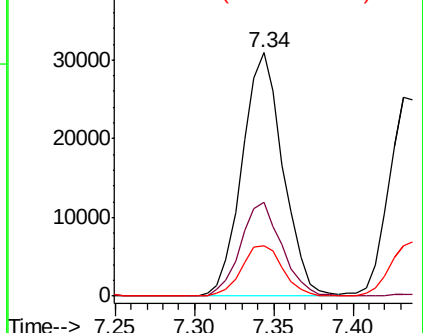
65 20.8 17.0 25.4

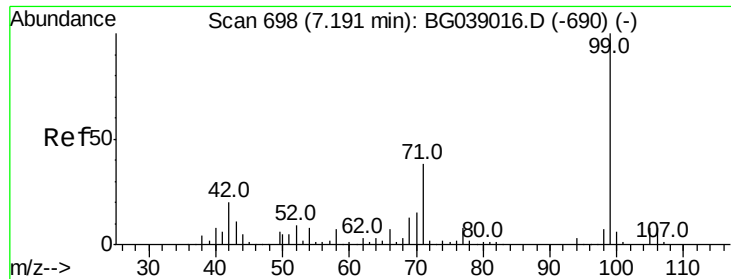


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.776 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

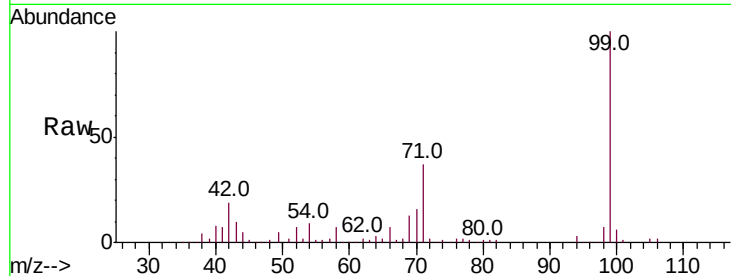
Tot Ion: 99 Resp: 229603

Ion Ratio Lower Upper

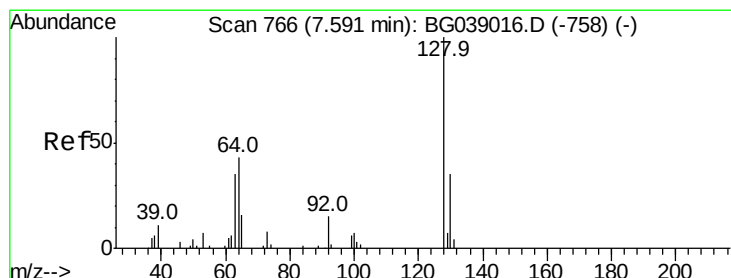
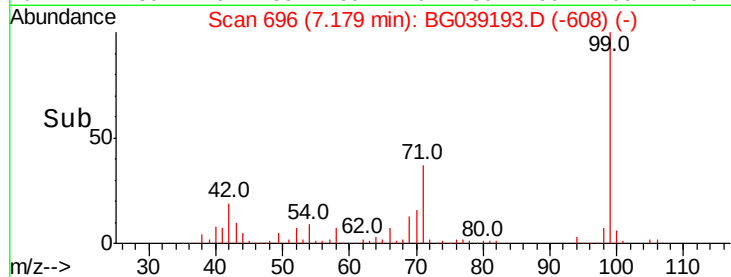
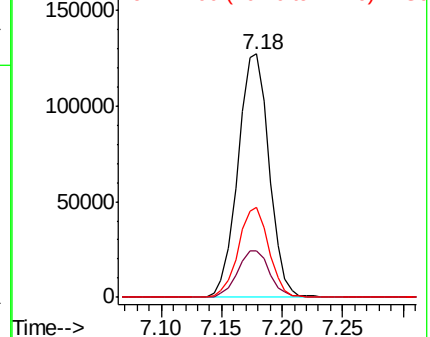
99 100

42 19.2 15.8 23.6

71 36.7 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: 47.750 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

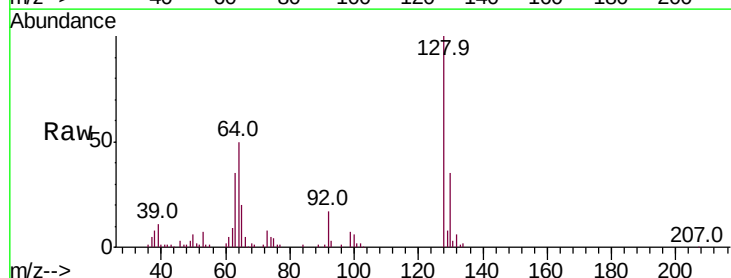
Tgt Ion: 128 Resp: 58780

Ion Ratio Lower Upper

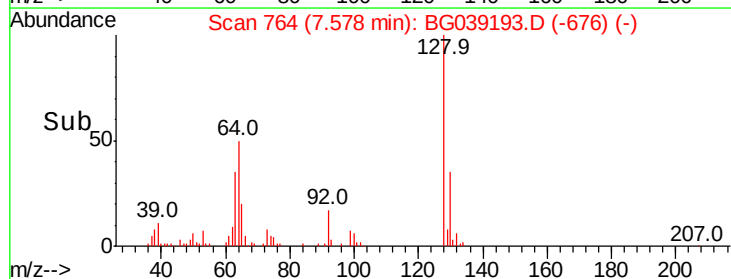
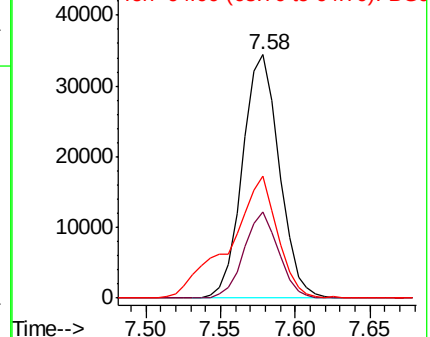
128 100

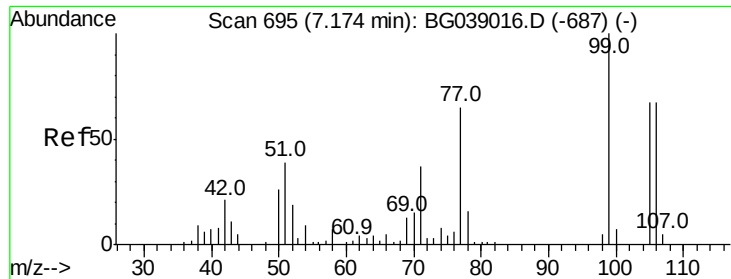
130 35.2 14.5 54.5

64 50.3 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: 21.417 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

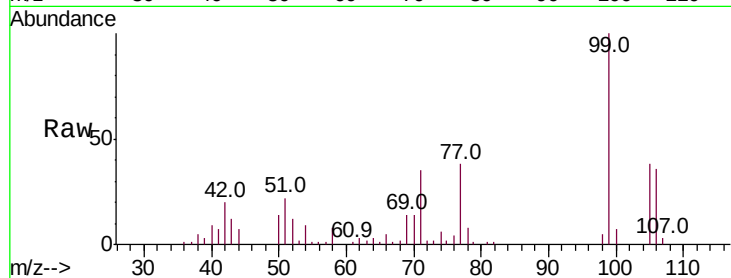
Tot Ion: 77 Resp: 18562

Ion Ratio Lower Upper

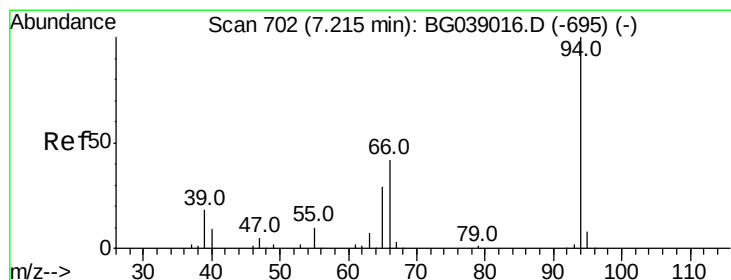
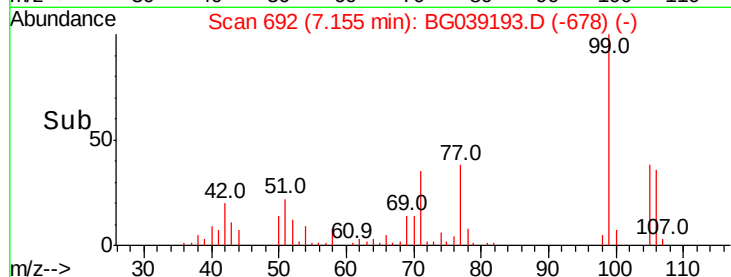
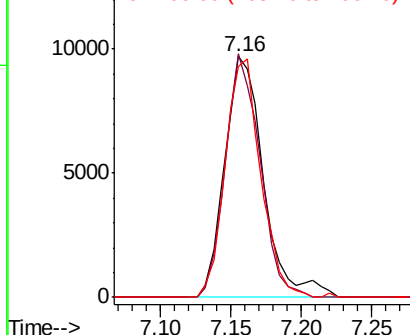
77 100

105 101.2 82.4 122.4

106 96.2 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: 47.139 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

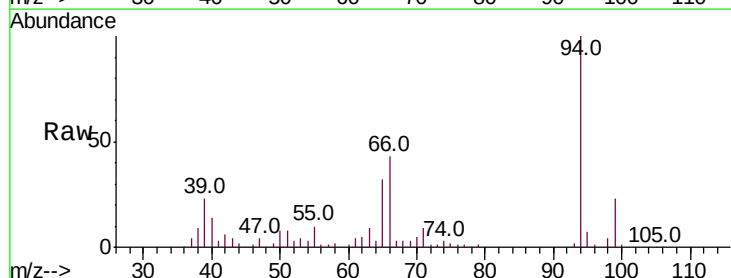
Tgt Ion: 94 Resp: 71026

Ion Ratio Lower Upper

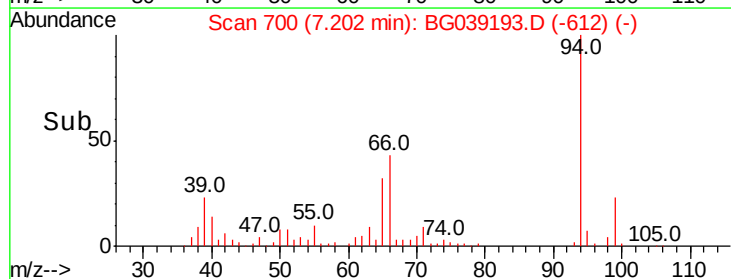
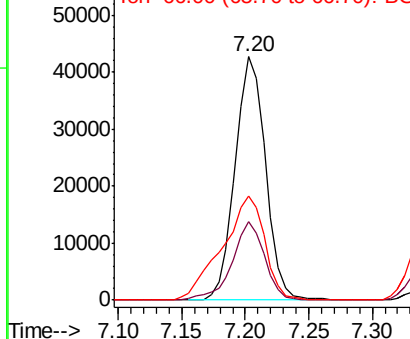
94 100

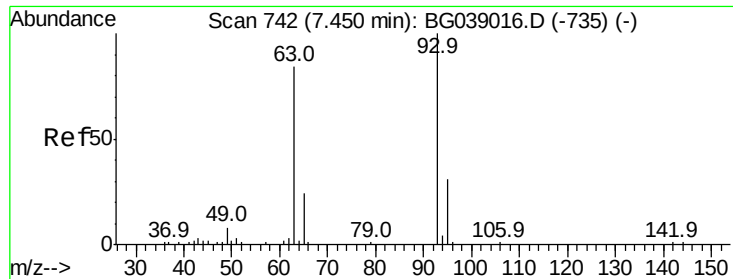
65 32.5 10.3 50.3

66 42.7 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: 40.205 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

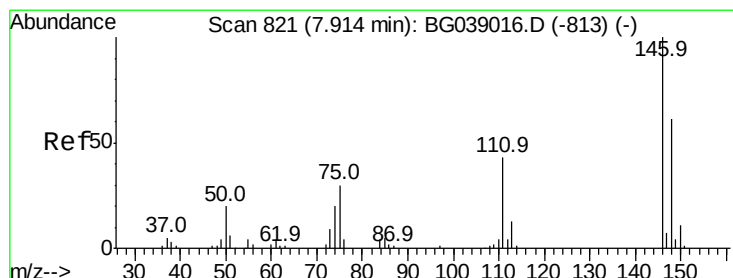
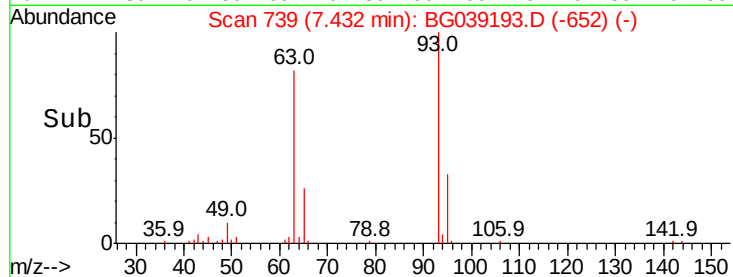
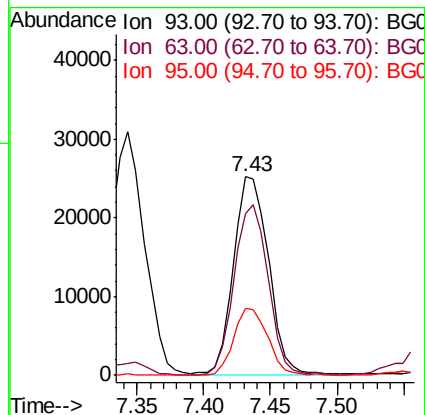
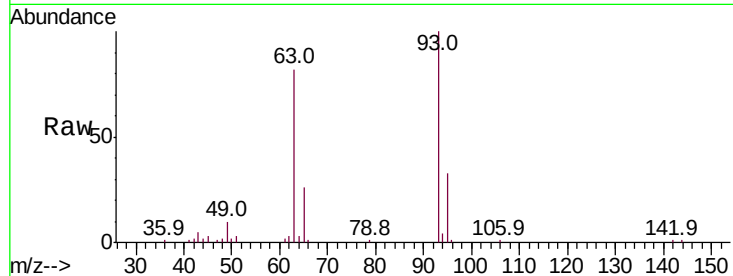
Tot Ion: 93 Resp: 46300

Ion Ratio Lower Upper

93 100

63 81.6 63.2 103.2

95 33.4 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.924 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

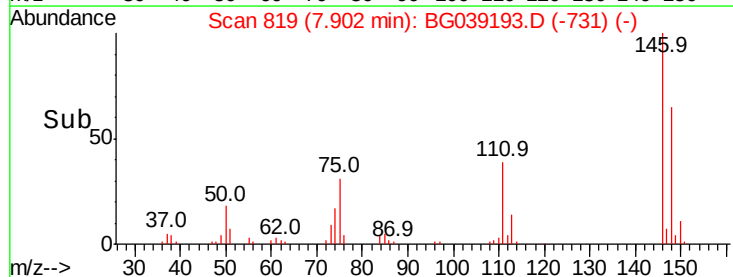
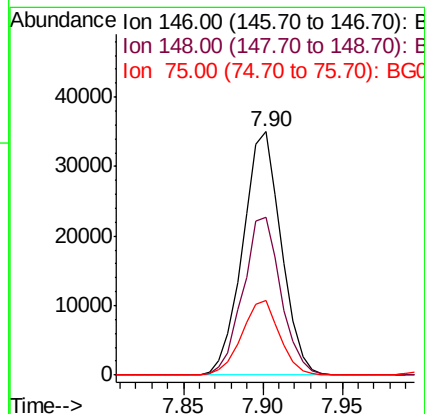
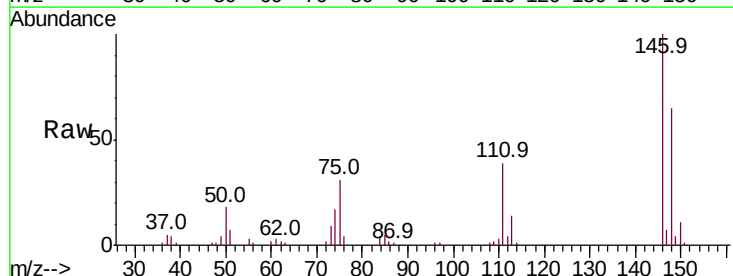
Tgt Ion:146 Resp: 58883

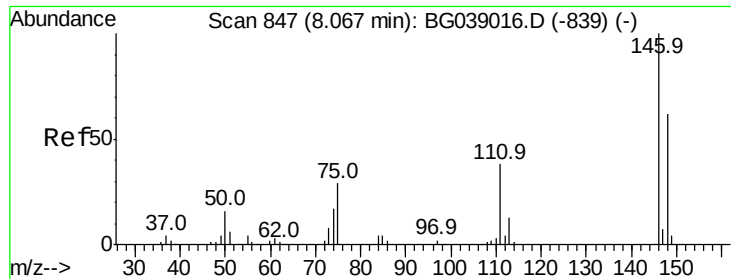
Ion Ratio Lower Upper

146 100

148 64.6 49.1 73.7

75 30.5 23.9 35.9

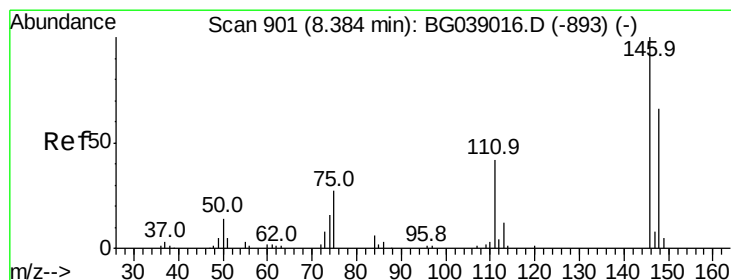
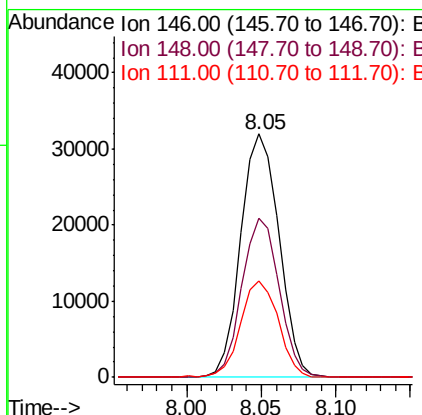
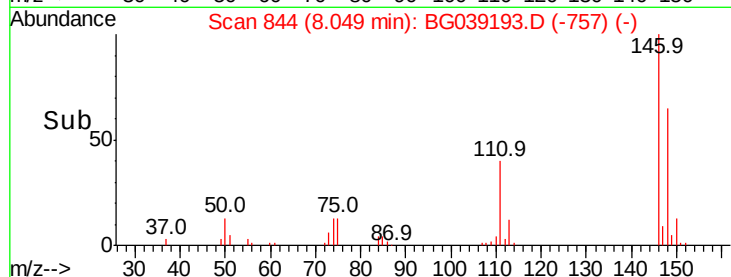
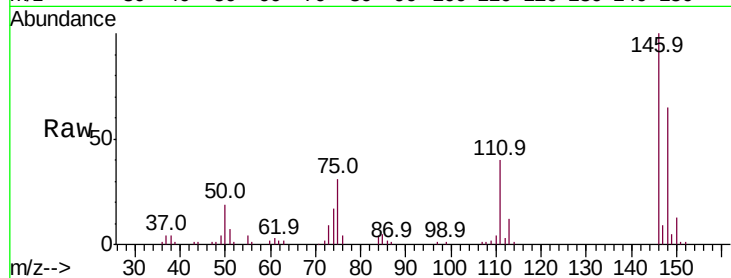




#13
 1,4-Dichlorobenzene
 Concen: 38.044 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

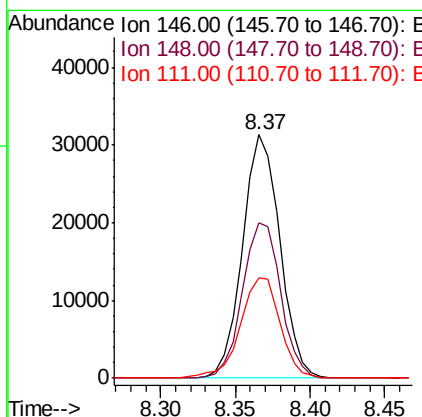
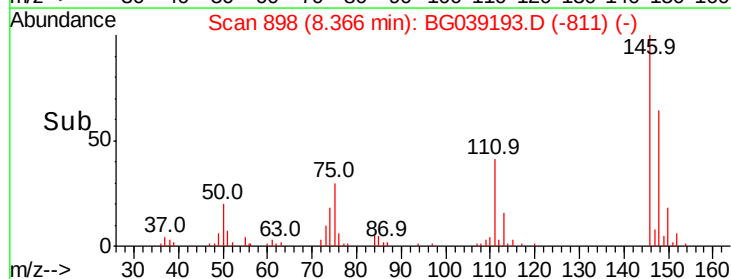
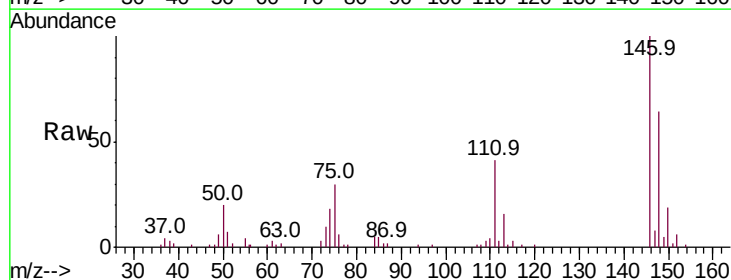
Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

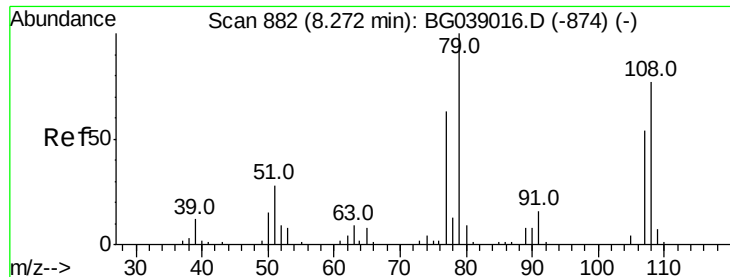
Tot Ion:146 Resp: 56827
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.8 74.6
 111 39.6 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 38.057 ng
 RT: 8.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion:146 Resp: 54201
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.6 79.0
 111 41.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.221 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

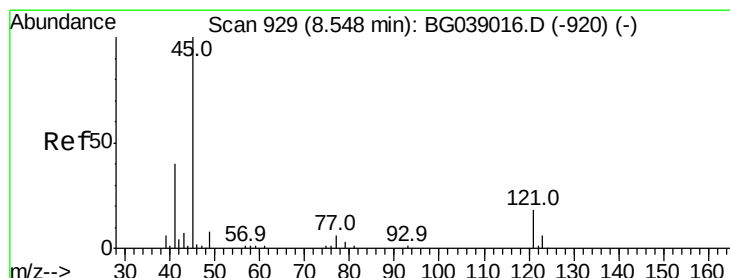
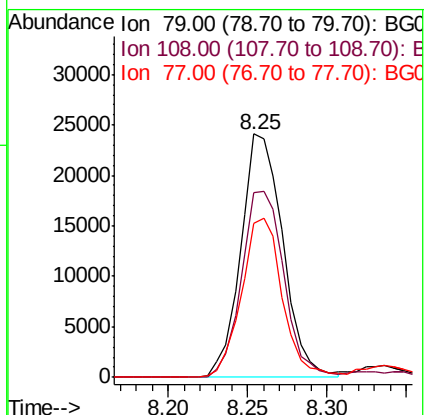
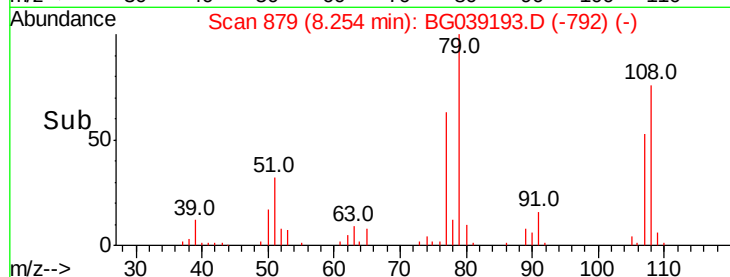
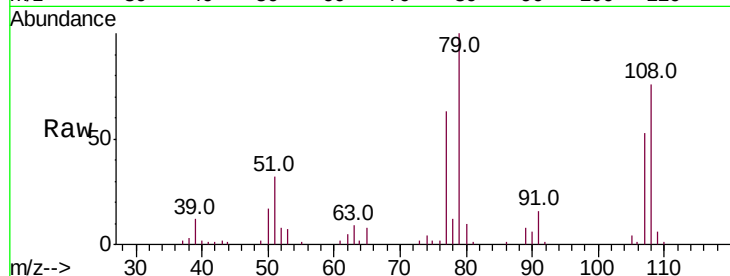
Tot Ion: 79 Resp: 44389

Ion Ratio Lower Upper

79 100

108 76.1 62.0 93.0

77 63.4 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.273 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

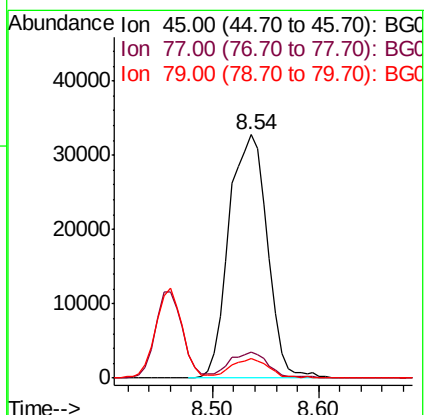
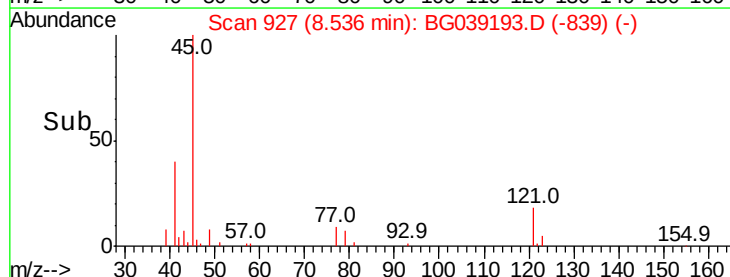
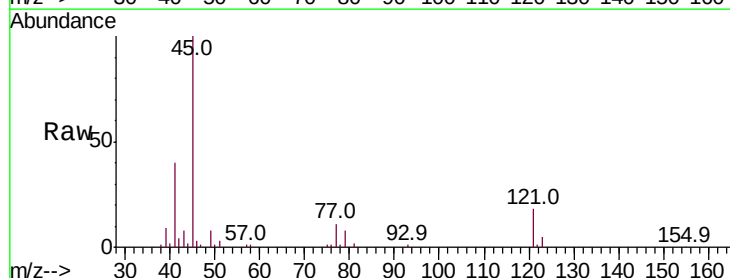
Tgt Ion: 45 Resp: 82305

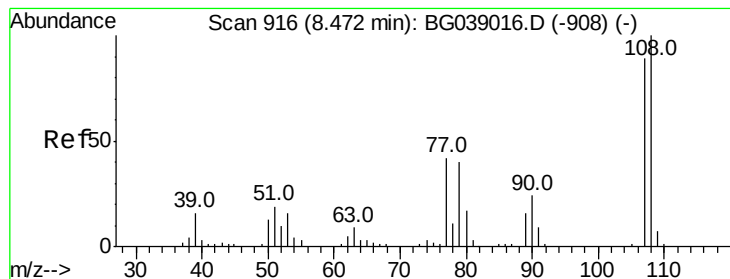
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.7

79 8.1 0.0 28.5

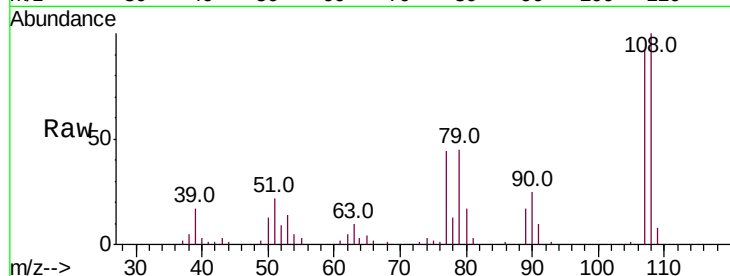




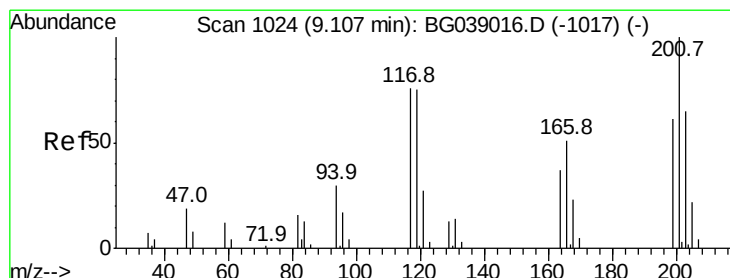
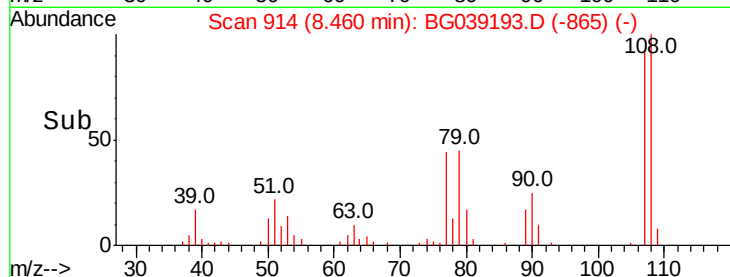
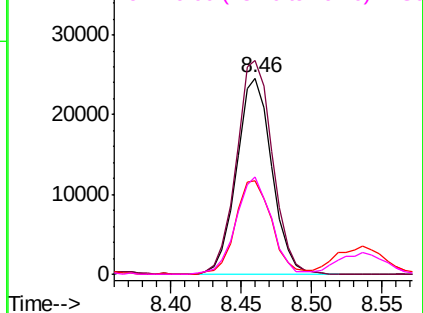
#17
2-Methylphenol
Concen: 41.132 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:107 Resp: 43034
Ion Ratio Lower Upper
107 100
108 108.9 90.3 135.5
77 47.5 38.3 57.5
79 49.5 35.8 53.6

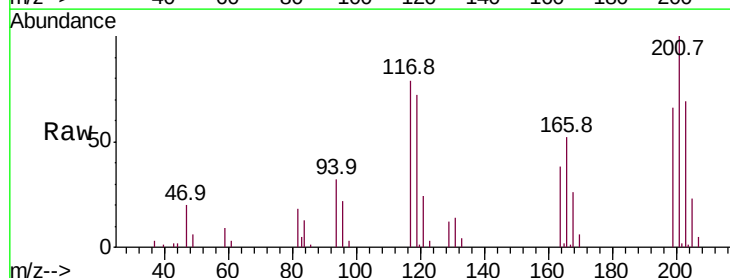


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

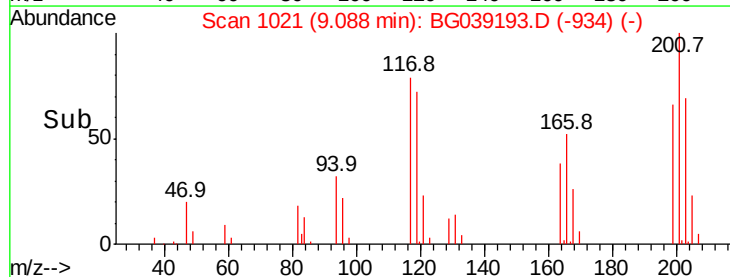
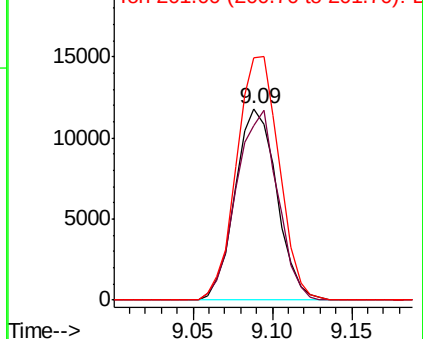


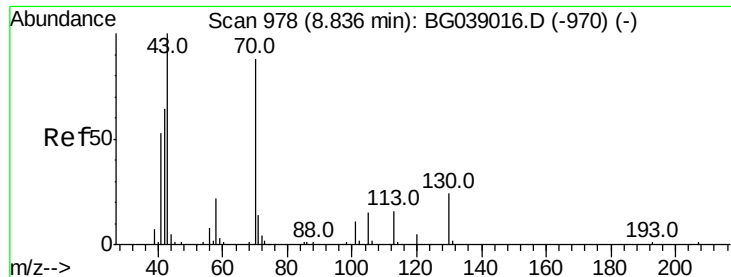
#18
Hexachloroethane
Concen: 42.350 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:117 Resp: 21491
Ion Ratio Lower Upper
117 100
119 91.3 78.7 118.1
201 130.0 108.1 162.1



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

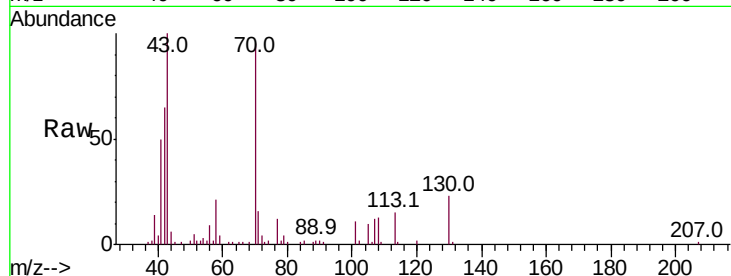




#19
n-Nitroso-di-n-propylamine
Concen: 41.553 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:	70	Resp:	41009
Ion	Ratio	Lower	Upper
70	100		
42	68.4	59.0	88.4
101	11.3	10.4	15.6
130	24.5	21.6	32.4



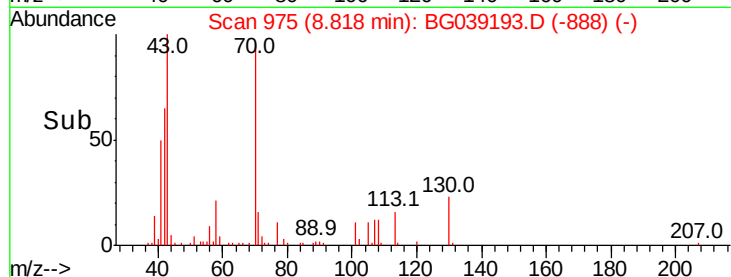
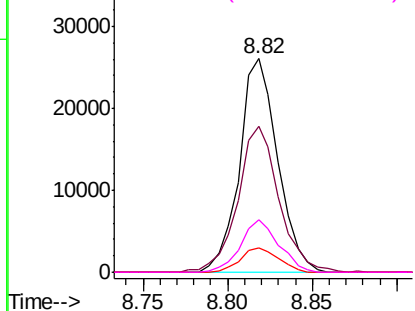
Abundance

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: 39.731 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:	107	Resp:	59266
Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.4	108.4
77	36.2	13.3	53.3
79	31.7	11.6	51.6

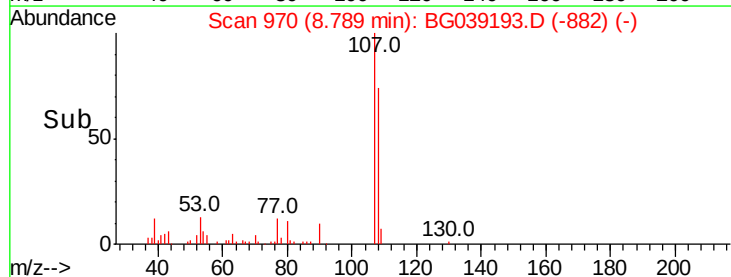
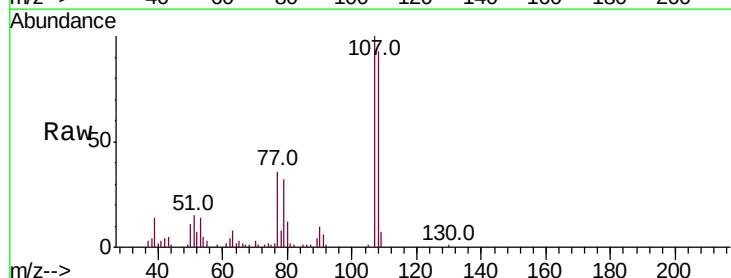
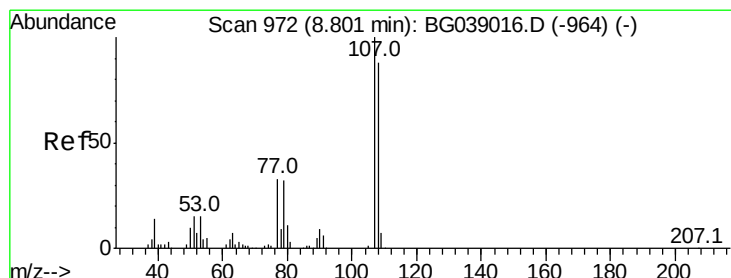
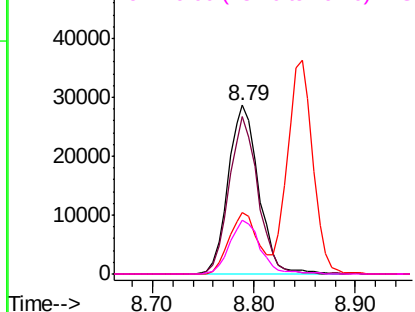
Abundance

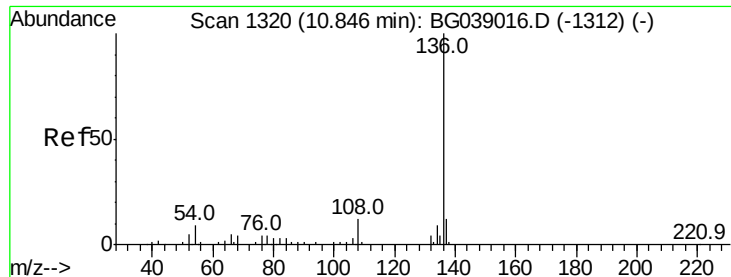
Ion 107.00 (106.70 to 107.70): BGC

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

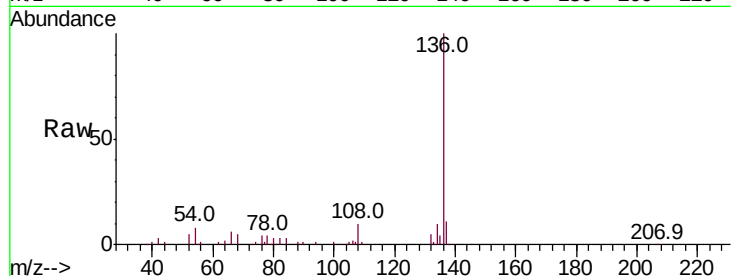




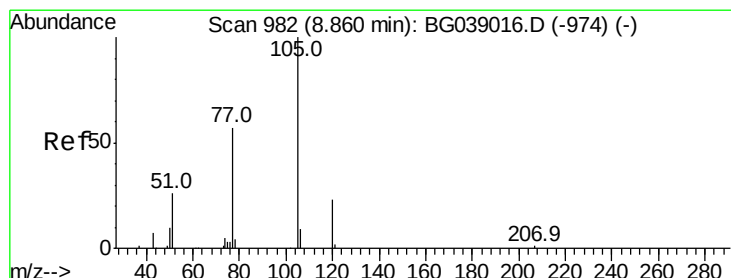
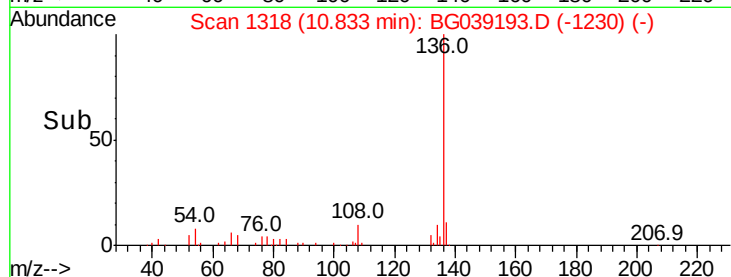
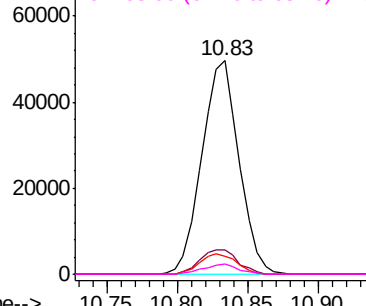
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:136	Resp:	91084
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.4 14.2
54	8.3	7.2 10.8
68	4.9	3.5 5.3

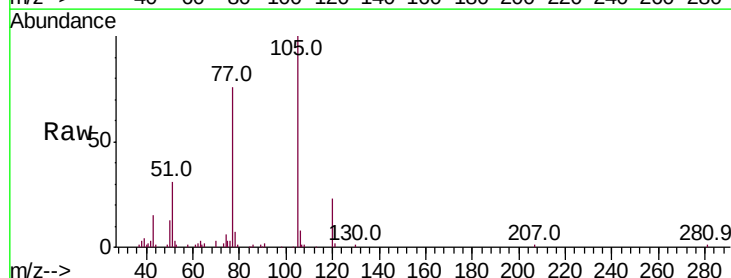


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

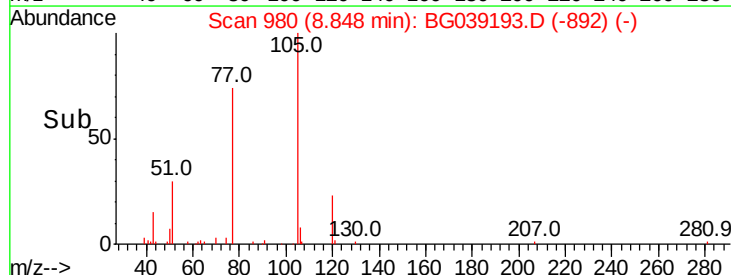
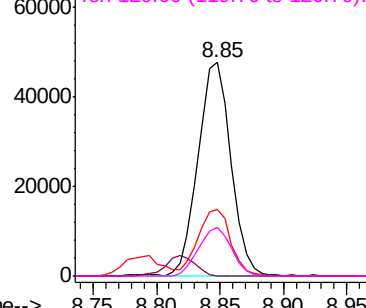


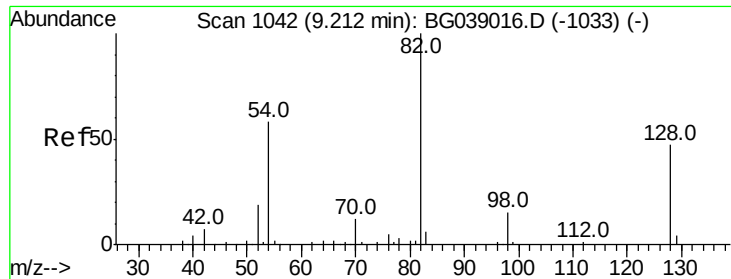
#22
Acetophenone
Concen: 36.149 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:105	Resp:	85986
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	31.1	26.6 39.8
120	22.8	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

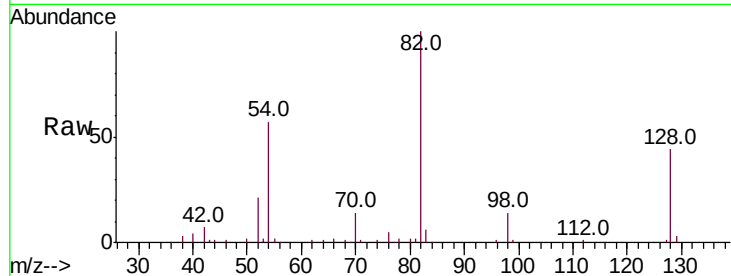




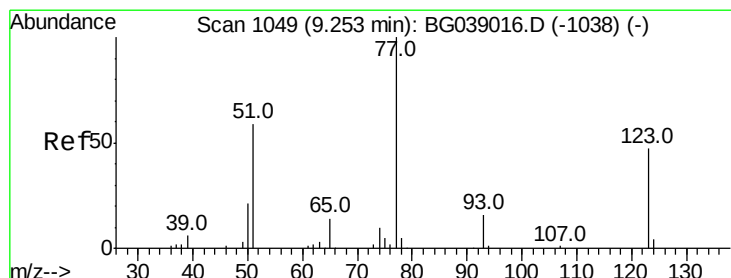
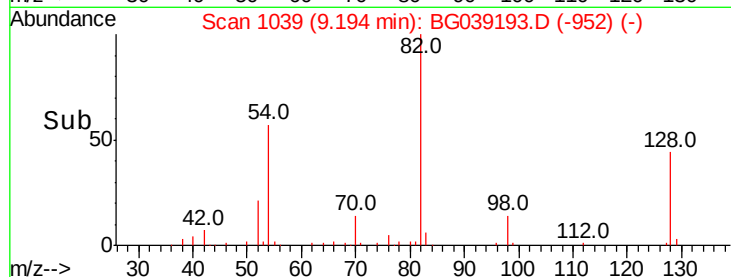
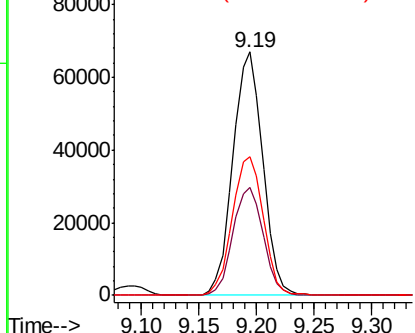
#23
 Nitrobenzene-d5
 Concen: 72.184 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.3	55.9
54	56.7	46.4	69.6

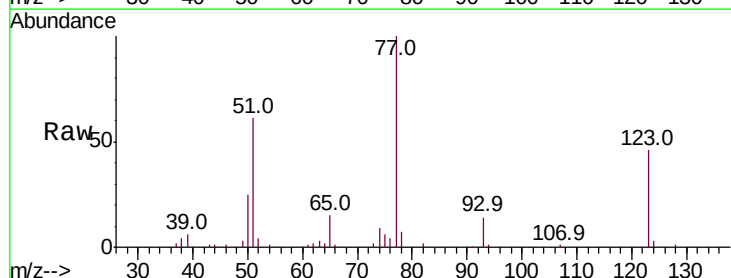


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

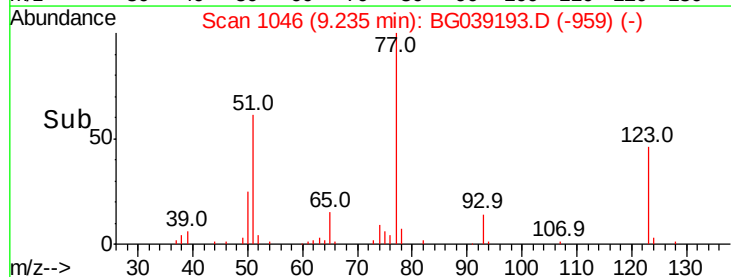
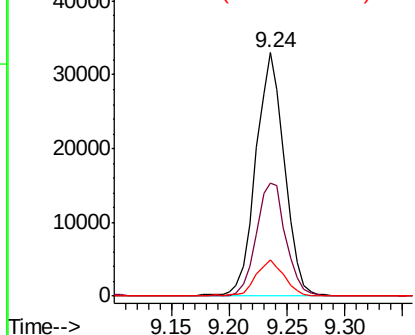


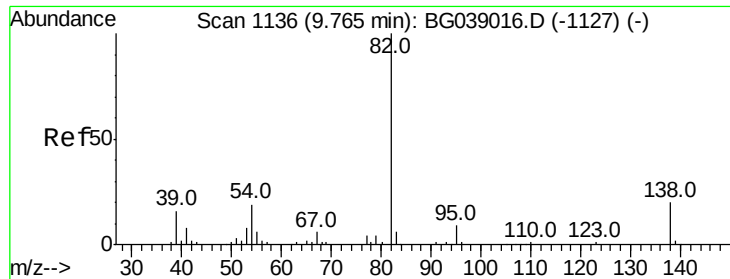
#24
 Nitrobenzene
 Concen: 33.938 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.6	56.4
65	14.8	11.0	16.6



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





#25

Isophorone

Concen: 47.080 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

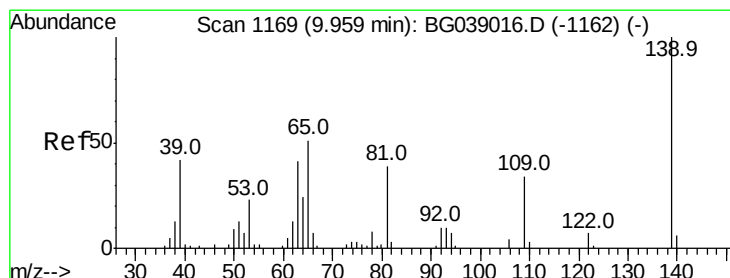
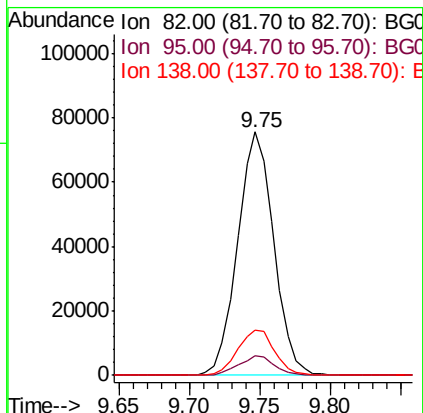
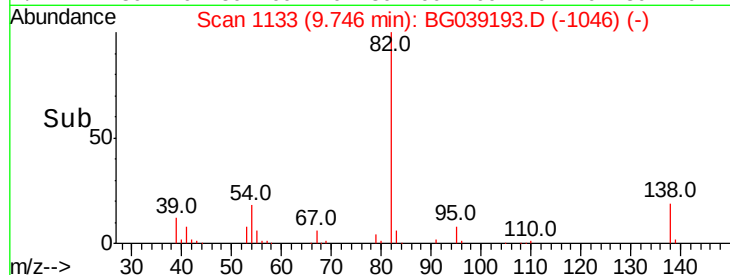
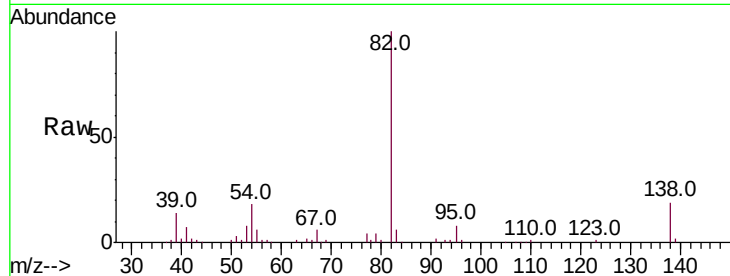
Tot Ion: 82 Resp: 134992

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.6

138 18.7 16.2 24.4



#26

2-Nitrophenol

Concen: 43.008 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

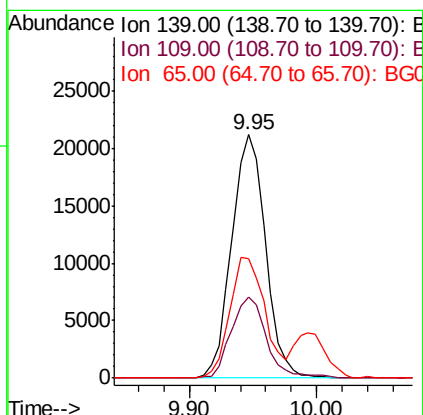
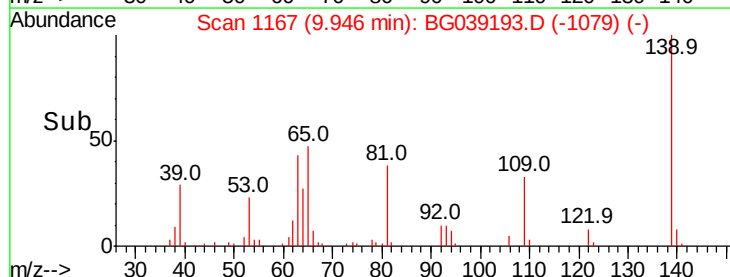
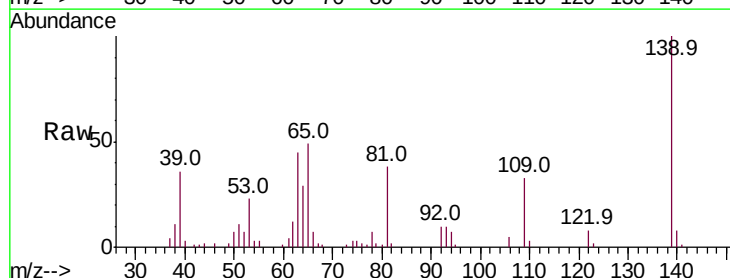
Tgt Ion: 139 Resp: 39139

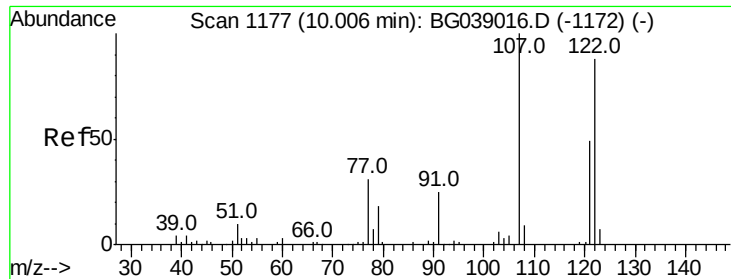
Ion Ratio Lower Upper

139 100

109 33.2 27.3 40.9

65 49.3 40.6 61.0

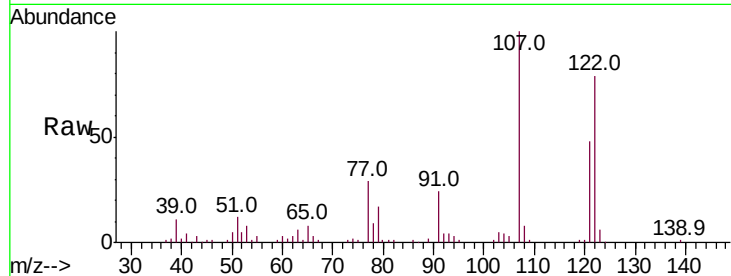




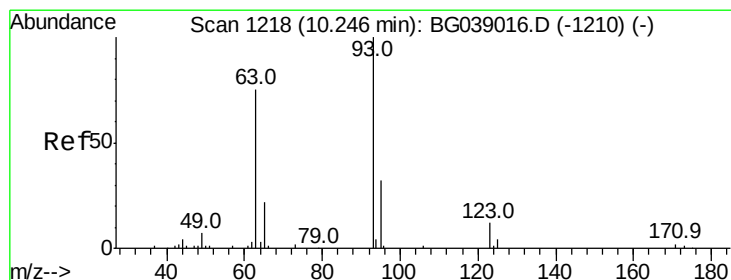
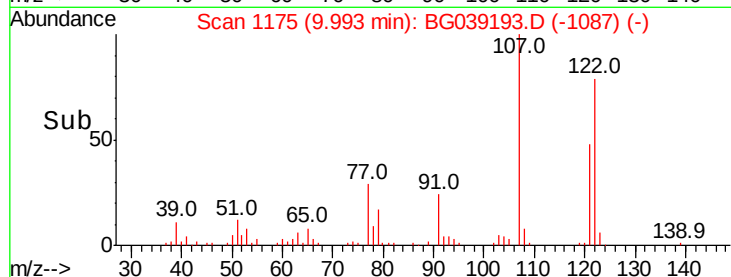
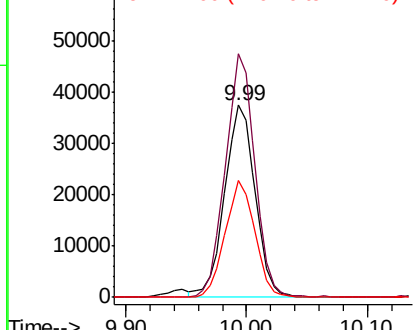
#27
2,4-Dimethylphenol
Concen: 51.118 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:122 Resp: 65448
Ion Ratio Lower Upper
122 100
107 126.6 88.8 133.2
121 60.6 43.1 64.7

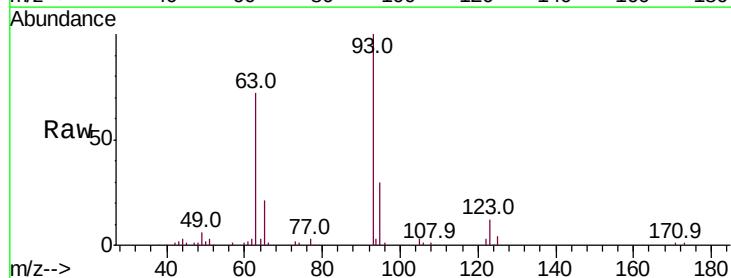


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

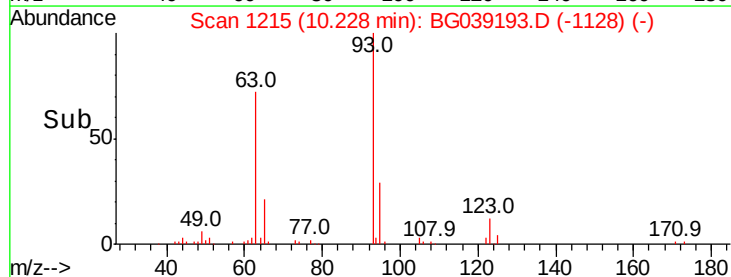
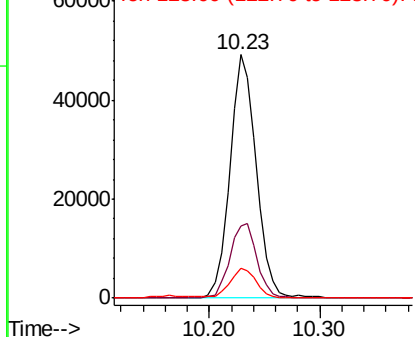


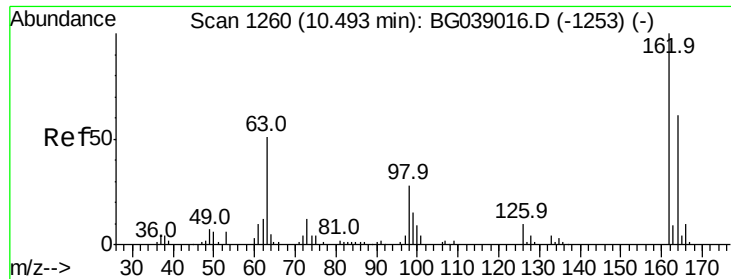
#28
bis(2-Chloroethoxy)methane
Concen: 47.454 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion: 93 Resp: 81776
Ion Ratio Lower Upper
93 100
95 29.8 25.6 38.4
123 12.3 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

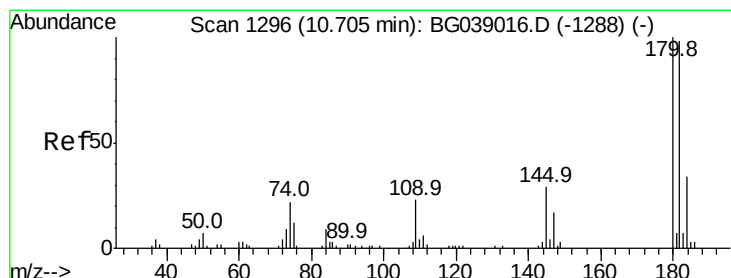
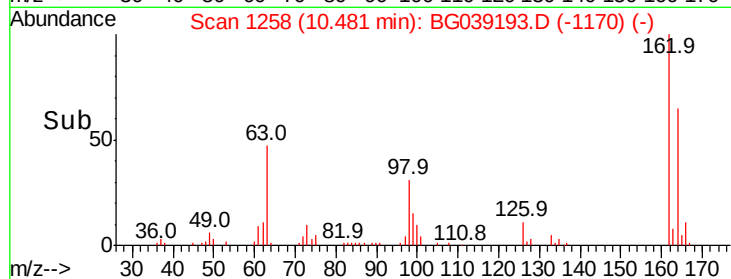
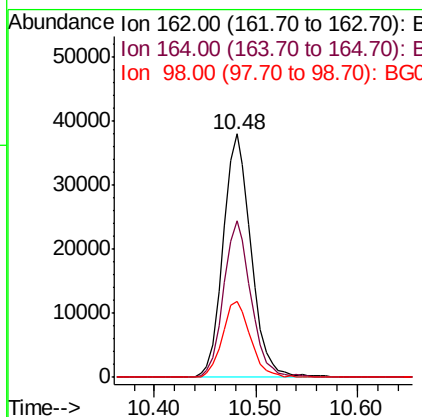
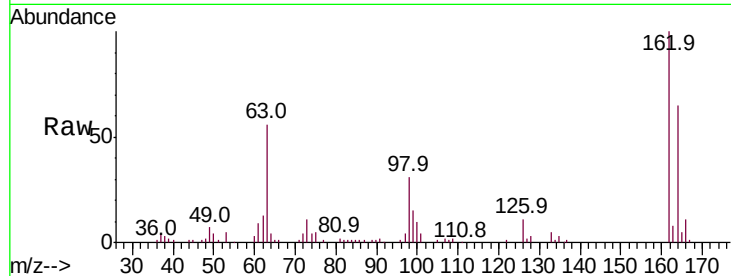




#29
 2,4-Dichlorophenol
 Concen: 45.432 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

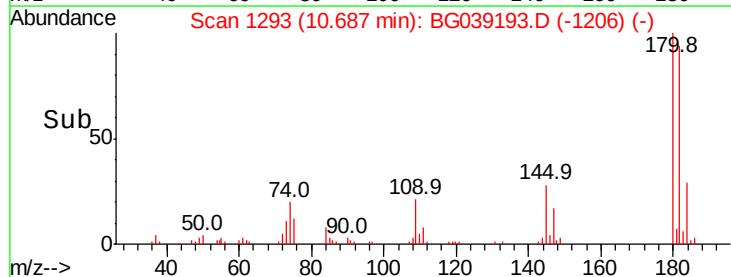
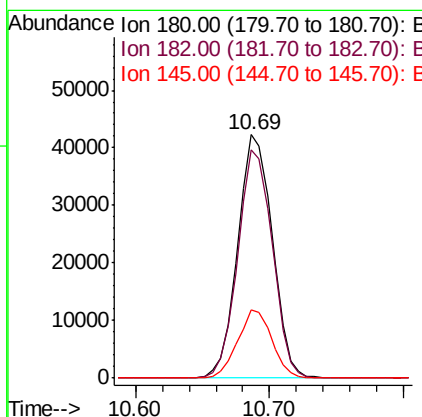
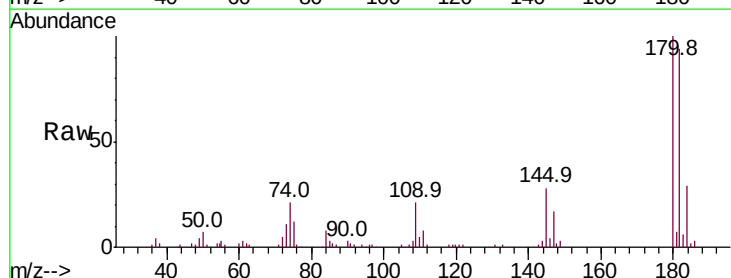
Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

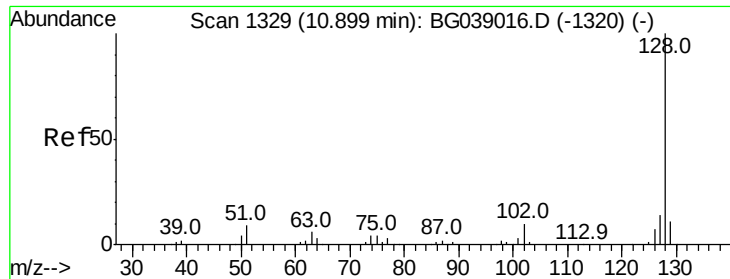
Tot Ion:162 Resp: 72264
 Ion Ratio Lower Upper
 162 100
 164 64.6 41.3 81.3
 98 31.3 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.642 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion:180 Resp: 75761
 Ion Ratio Lower Upper
 180 100
 182 93.7 78.1 117.1
 145 28.1 23.1 34.7

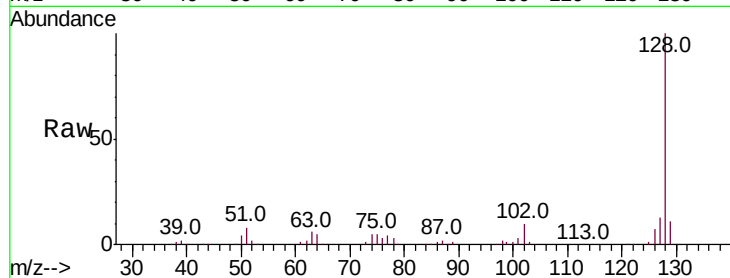




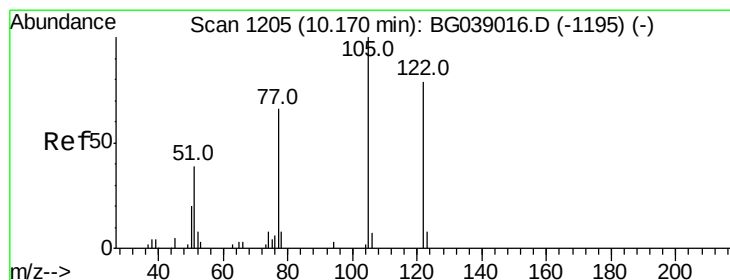
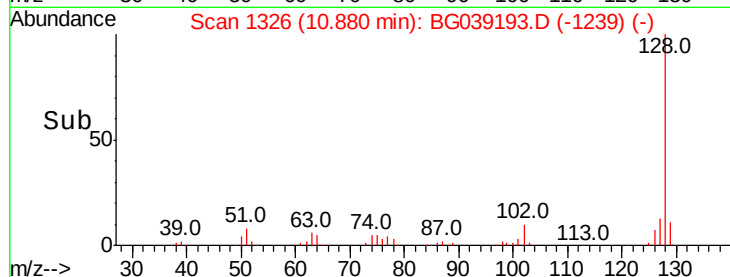
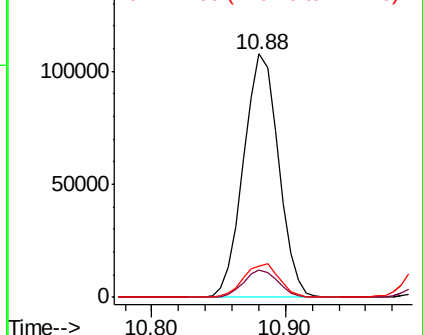
#31
Naphthalene
Concen: 42.633 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:128 Resp: 194758
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.0 11.2 16.8

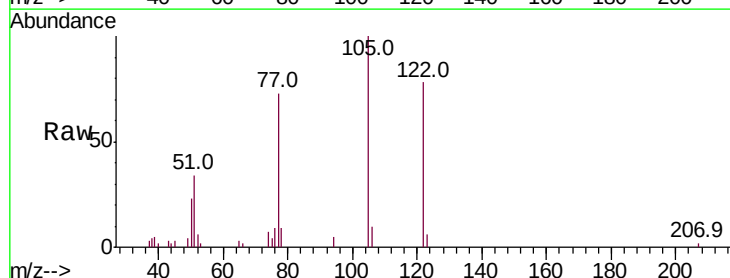


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

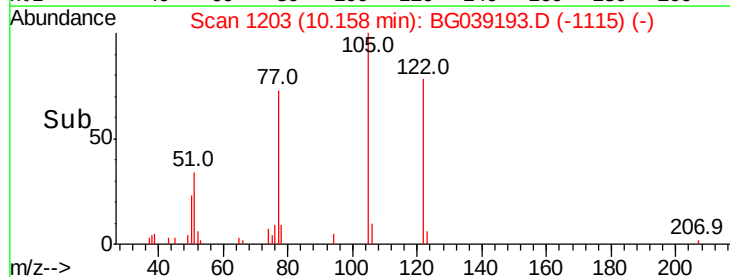
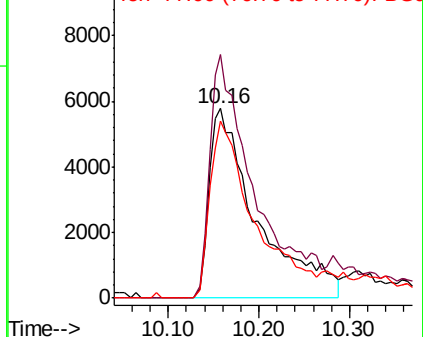


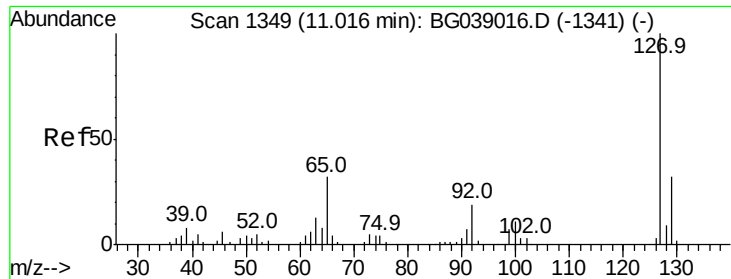
#32
Benzoic acid
Concen: 31.134 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:122 Resp: 21262
Ion Ratio Lower Upper
122 100
105 128.6 106.4 146.4
77 93.7 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

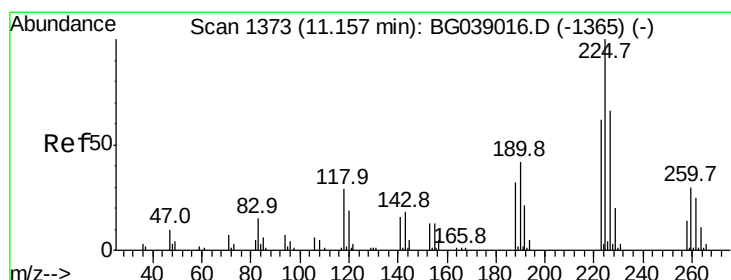
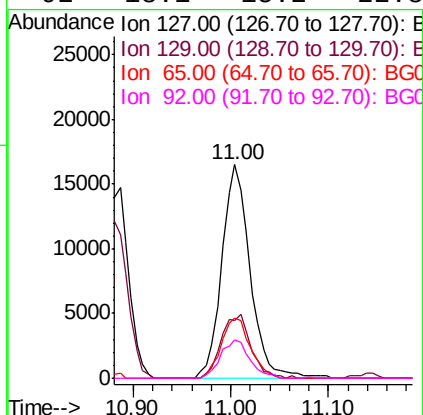
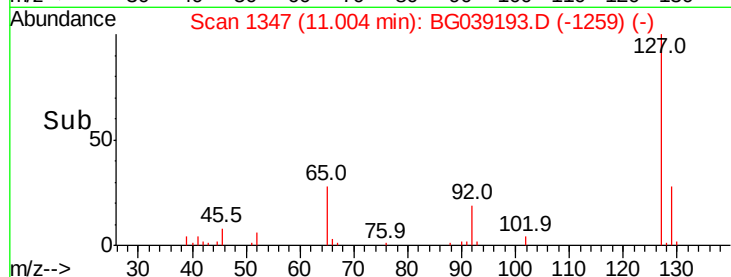
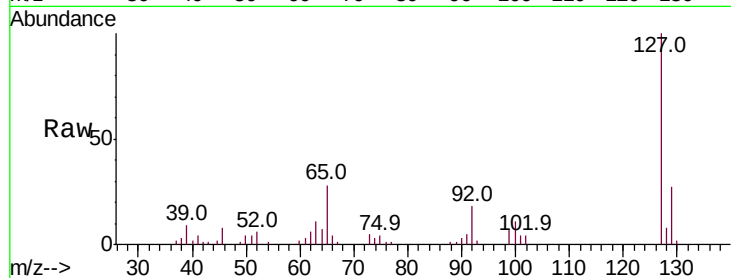




#33
4-Chloroaniline
Concen: 16.247 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

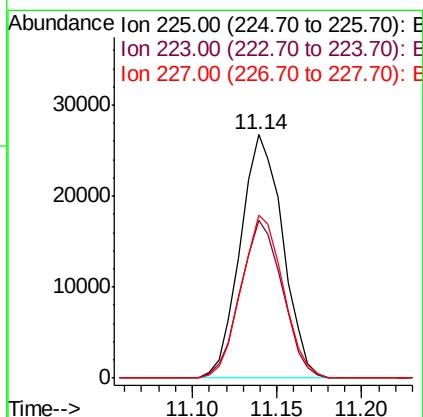
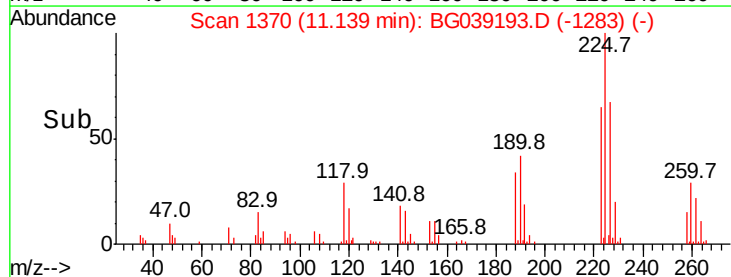
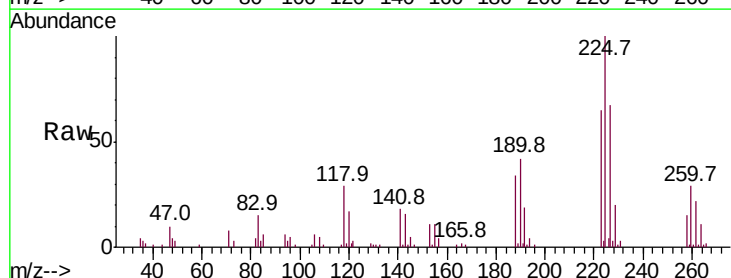
Instrument :
BNA_G
ClientSampleId :
PB116454BS

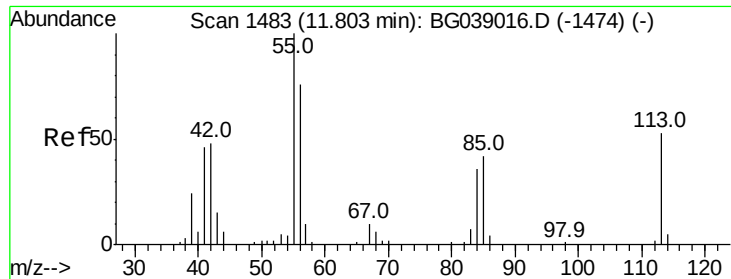
Tot Ion:127 Resp: 33211
Ion Ratio Lower Upper
127 100
129 27.0 25.4 38.0
65 28.2 25.4 38.0
92 18.1 15.2 22.8



#34
Hexachlorobutadiene
Concen: 35.507 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:225 Resp: 46693
Ion Ratio Lower Upper
225 100
223 64.7 50.2 75.4
227 70.3 53.2 79.8





#35

Caprolactam

Concen: 16.556 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

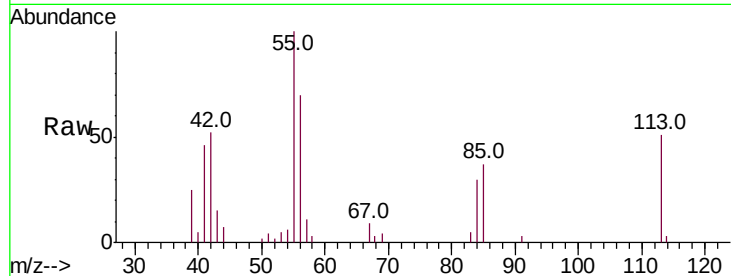
Tot Ion:113 Resp: 10560

Ion Ratio Lower Upper

113 100

55 196.7 168.6 208.6

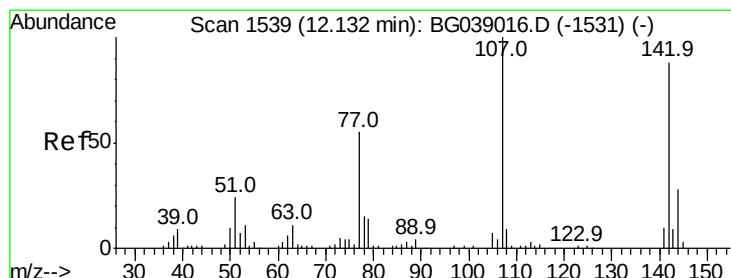
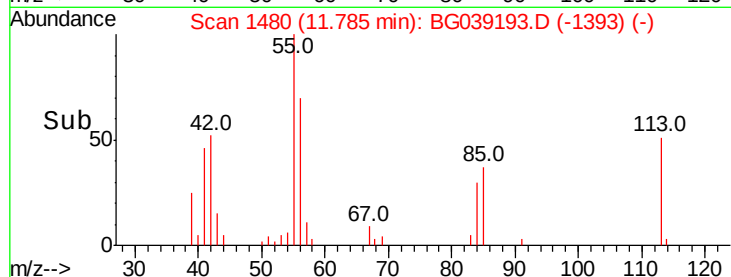
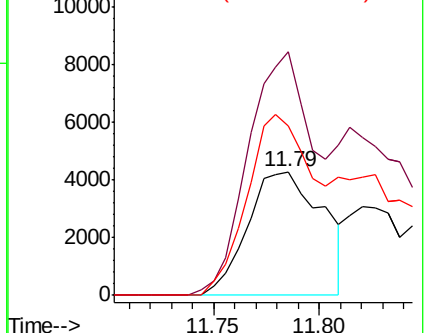
56 136.7 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 33.549 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

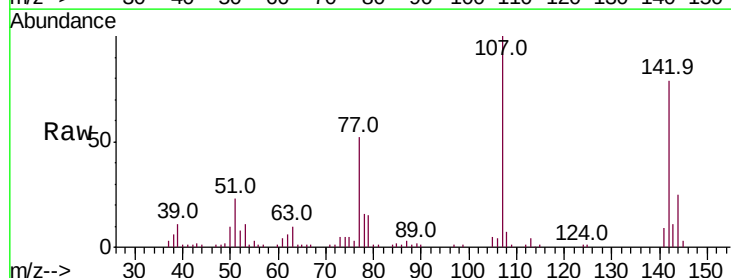
Tgt Ion:107 Resp: 57075

Ion Ratio Lower Upper

107 100

144 25.3 22.6 34.0

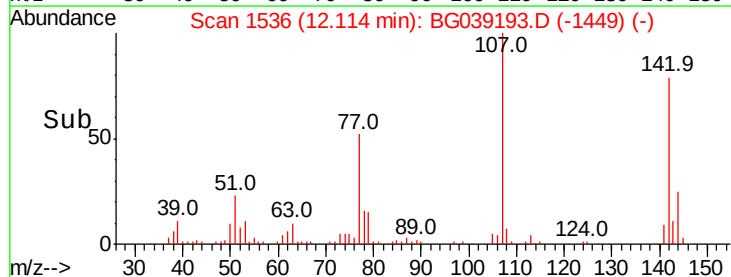
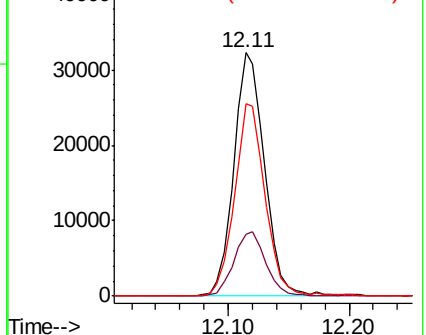
142 79.2 70.2 105.4

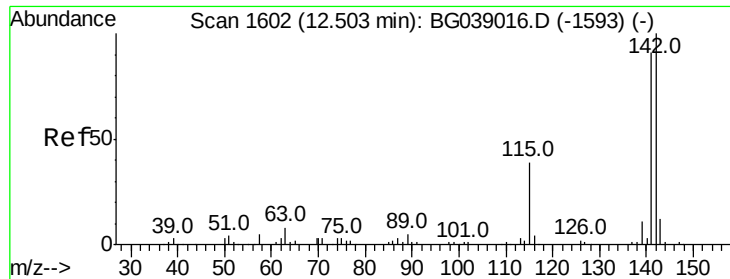


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

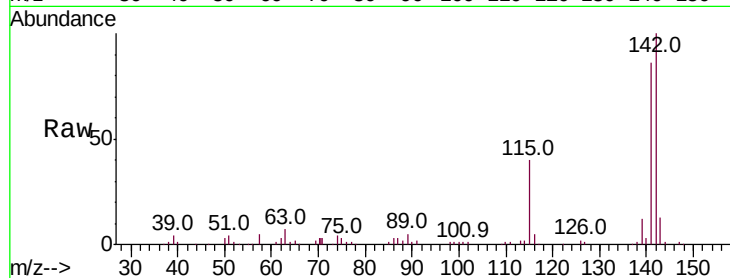




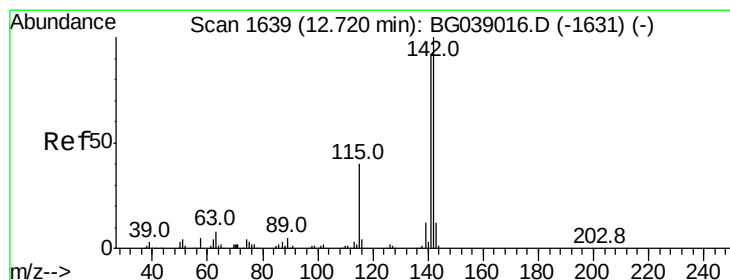
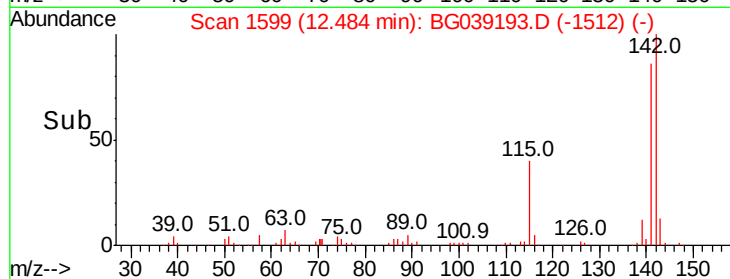
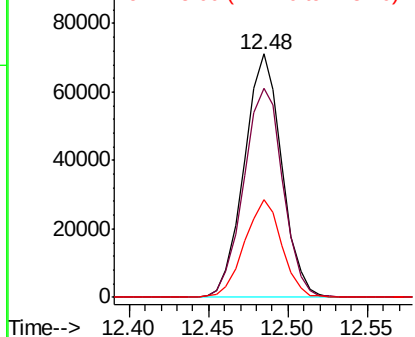
#37
2-Methylnaphthalene
Concen: 34.208 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:142 Resp: 117162
Ion Ratio Lower Upper
142 100
141 86.1 72.6 109.0
115 40.3 31.1 46.7

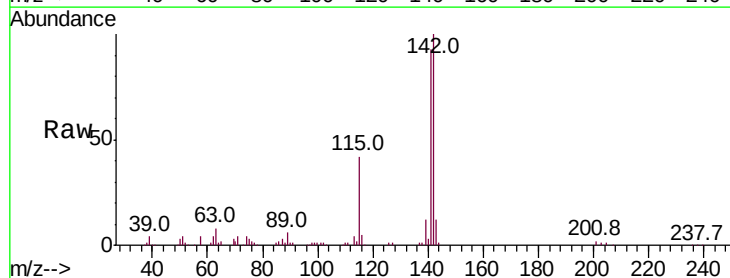


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

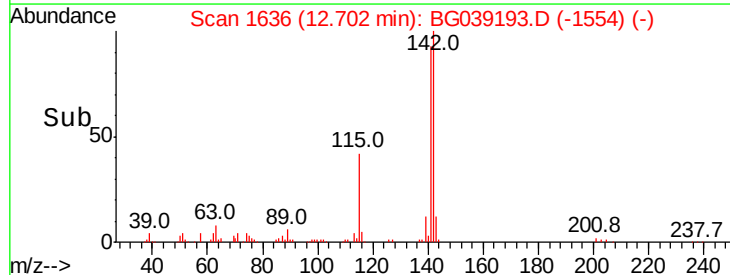
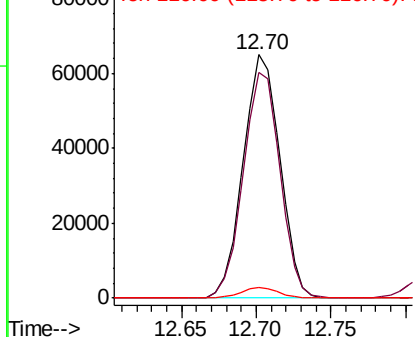


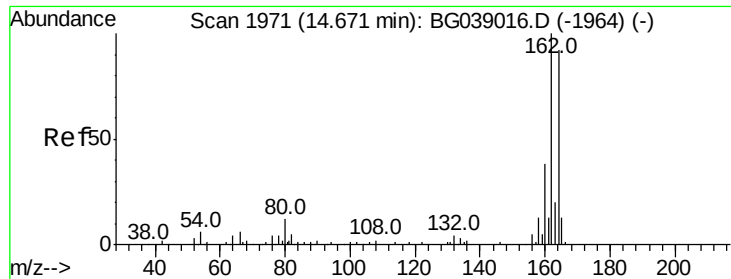
#38
1-Methylnaphthalene
Concen: 33.740 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:142 Resp: 110918
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9
116 4.6 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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

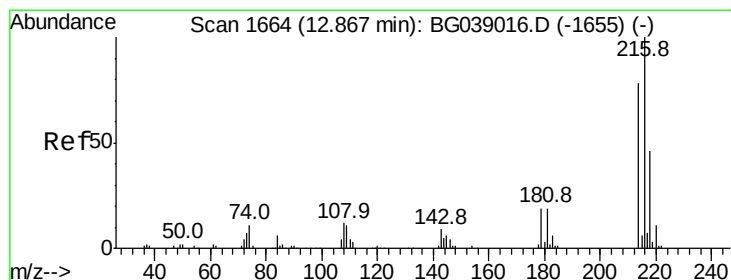
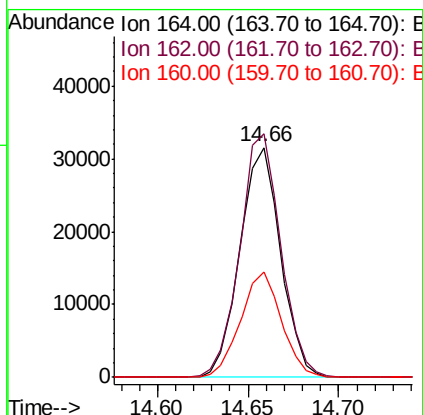
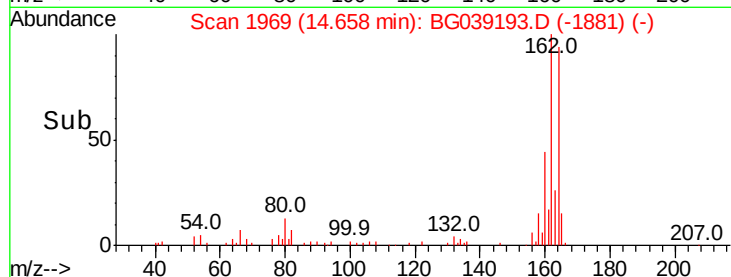
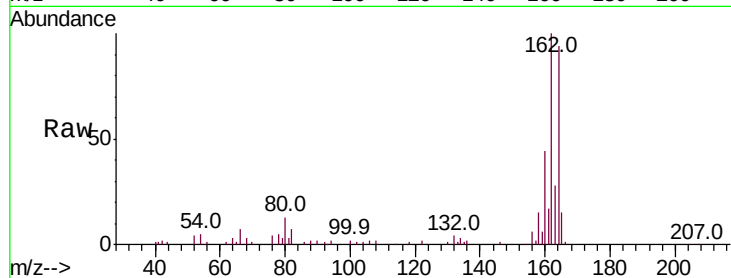
Tot Ion:164 Resp: 49255

Ion Ratio Lower Upper

164 100

162 106.1 87.2 130.8

160 46.2 33.3 49.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.768 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Tgt Ion:216 Resp: 75413

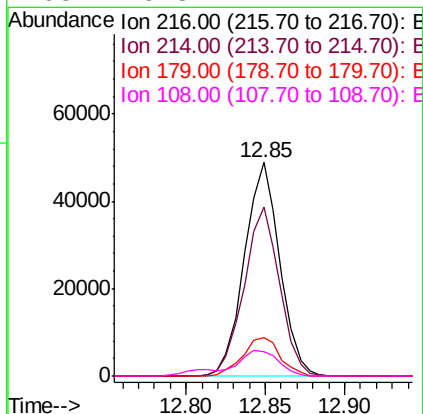
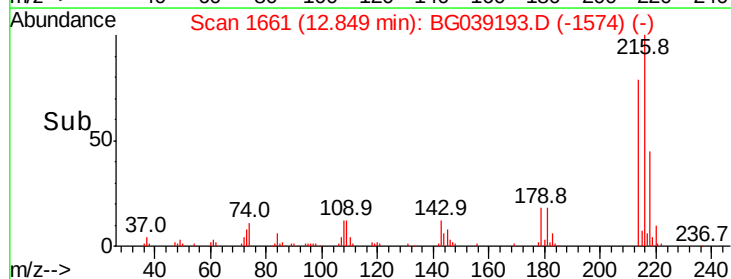
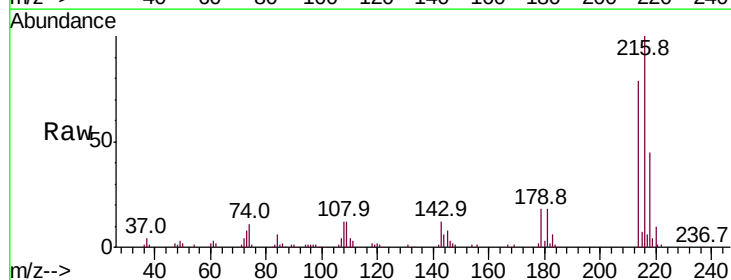
Ion Ratio Lower Upper

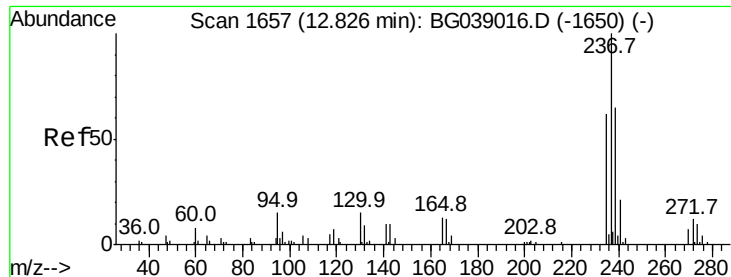
216 100

214 79.5 63.4 95.2

179 19.0 15.5 23.3

108 15.8 11.4 17.2





#41

Hexachlorocyclopentadiene

Concen: 84.575 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

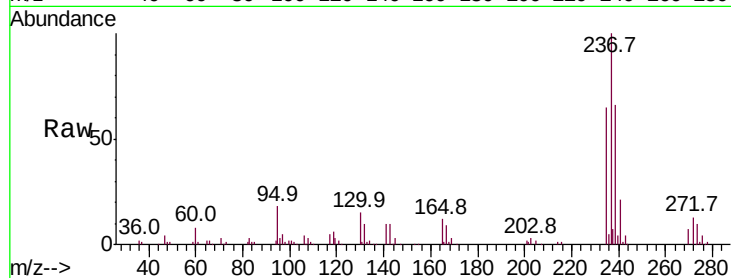
Tot Ion:237 Resp: 88480

Ion Ratio Lower Upper

237 100

235 64.7 41.7 81.7

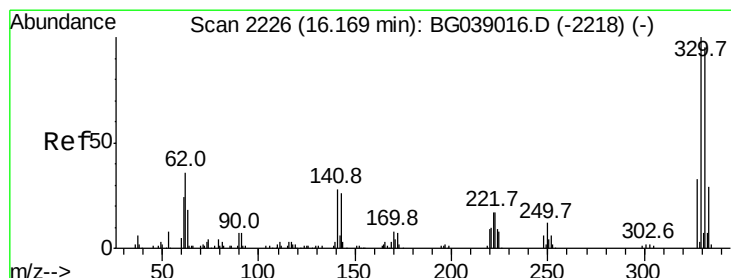
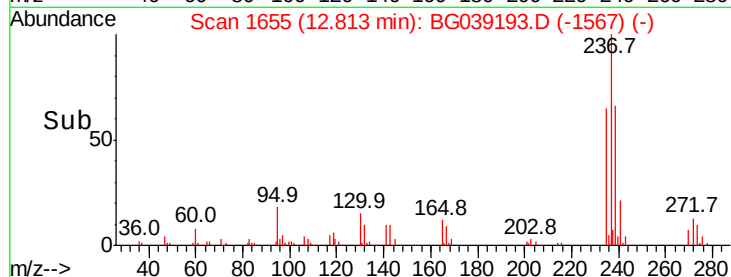
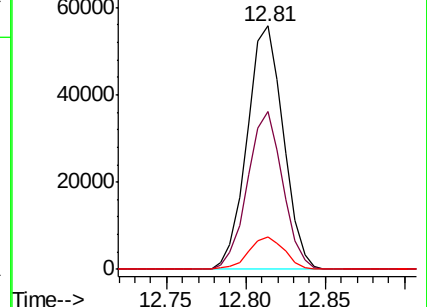
272 13.4 0.0 32.1



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: 132.677 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

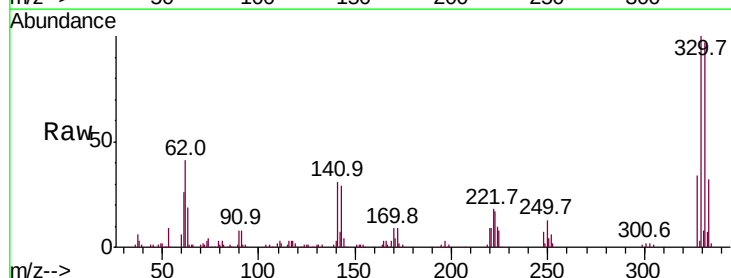
Tgt Ion:330 Resp: 109545

Ion Ratio Lower Upper

330 100

332 94.4 75.7 113.5

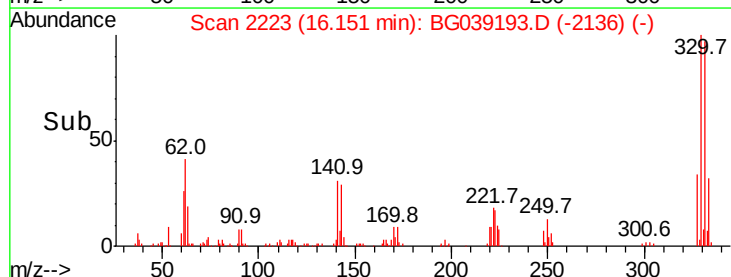
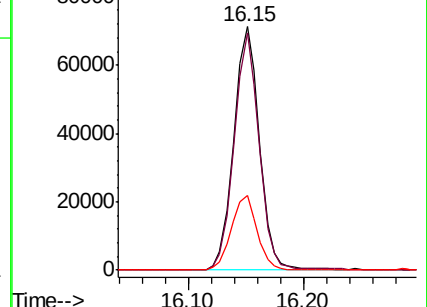
141 30.8 24.9 37.3

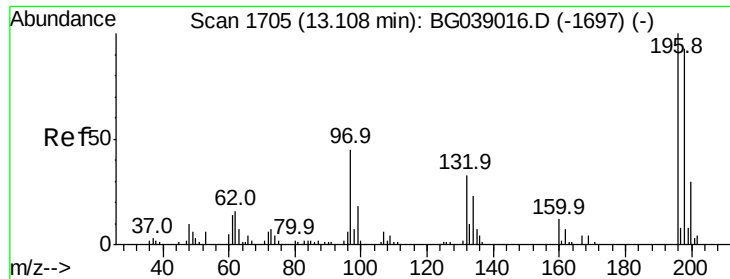


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

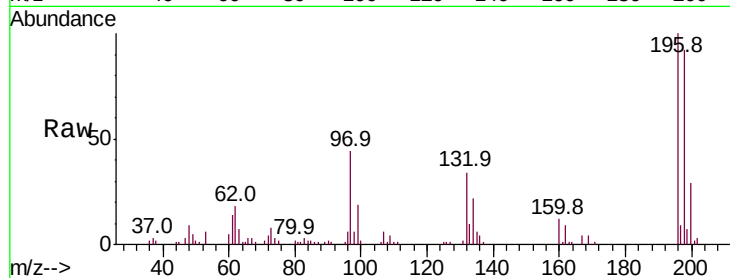




#43
 2,4,6-Trichlorophenol
 Concen: 42.373 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Tot Ion	196	Resp	49332
Ion Ratio	Lower	Upper	
196	100		
198	91.6	74.5	111.7
200	29.3	23.8	35.6

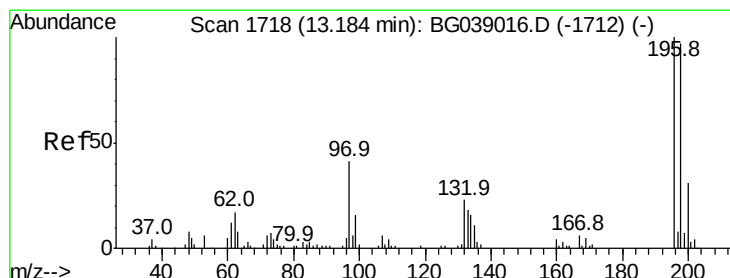
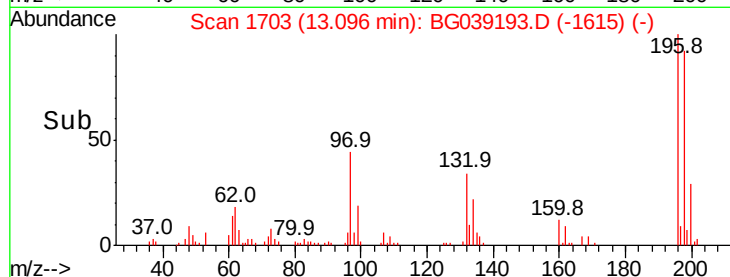
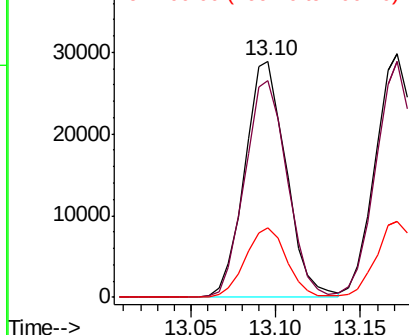


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.832 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion	196	Resp	52704
Ion Ratio	Lower	Upper	
196	100		
198	97.0	78.1	117.1
97	40.3	33.2	49.8
132	22.0	18.2	27.4

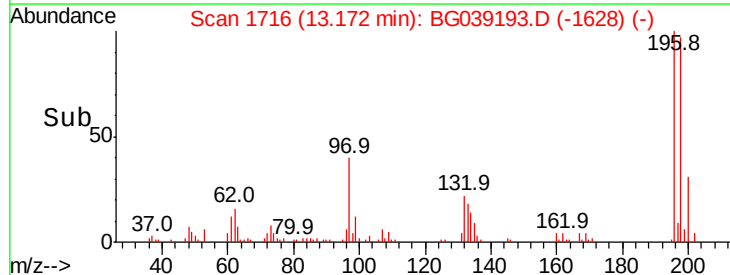
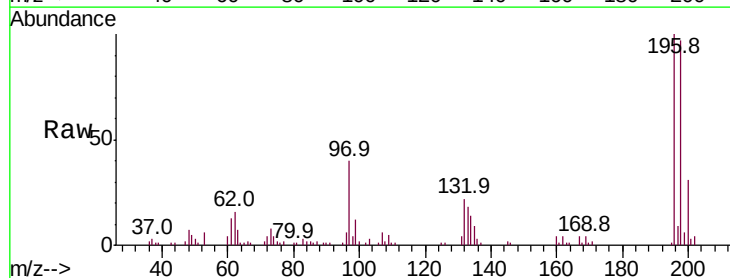
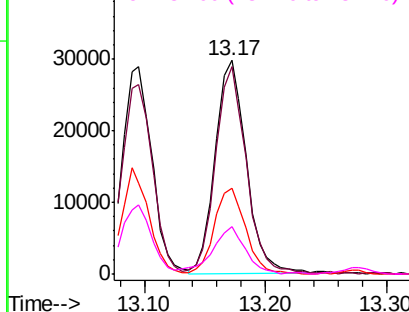
Abundance

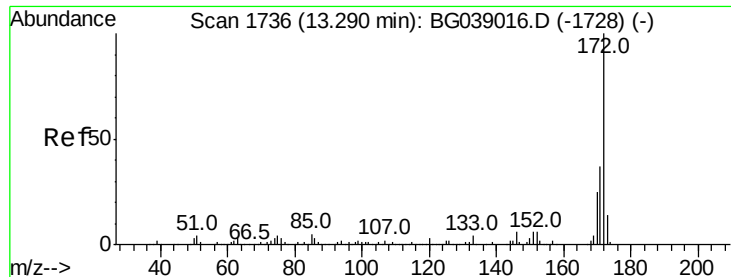
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

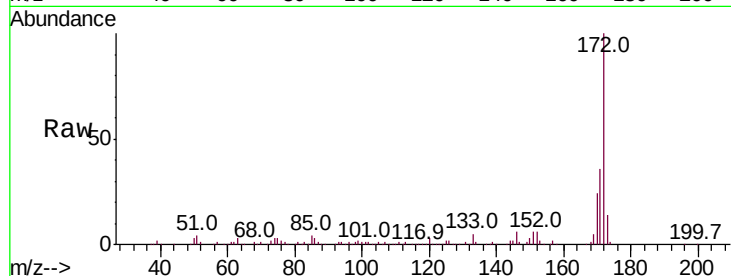




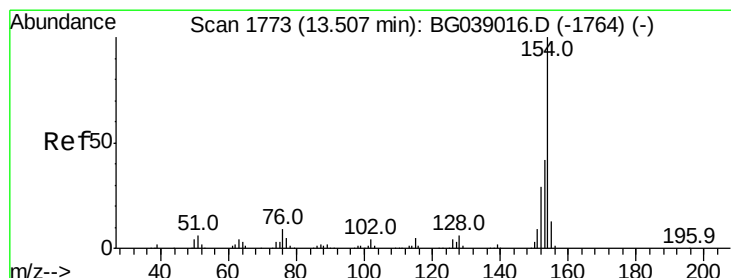
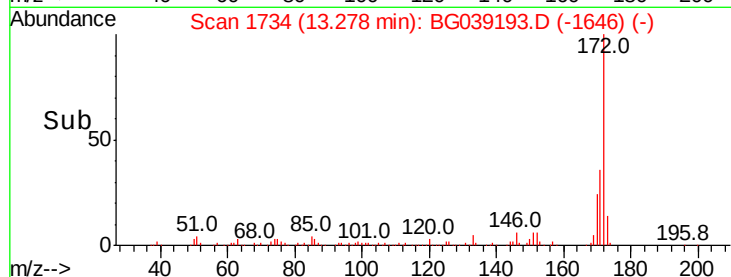
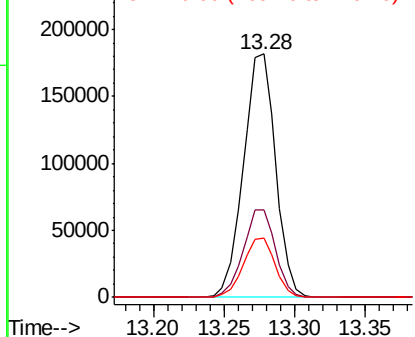
#45
2-Fluorobiphenyl
Concen: 80.521 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:172 Resp: 289798
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.2 20.1 30.1

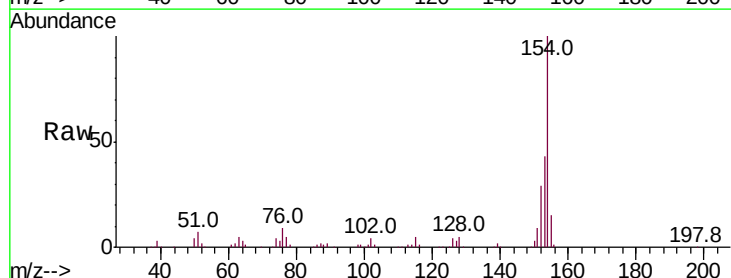


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

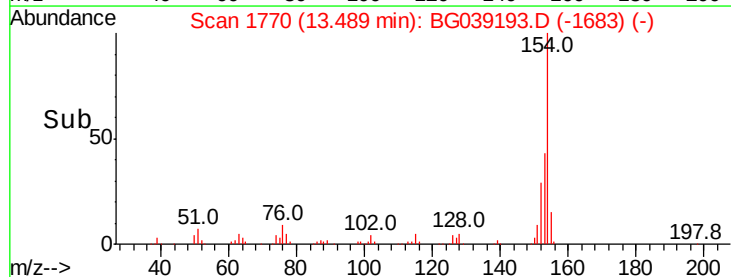
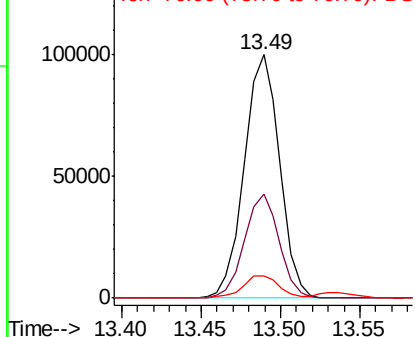


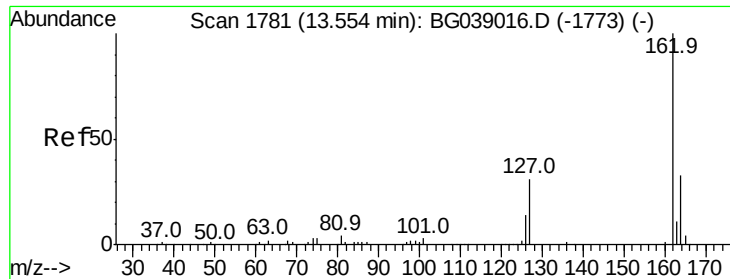
#46
1,1'-Biphenyl
Concen: 39.632 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:154 Resp: 154679
Ion Ratio Lower Upper
154 100
153 42.8 22.4 62.4
76 9.3 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): BGC

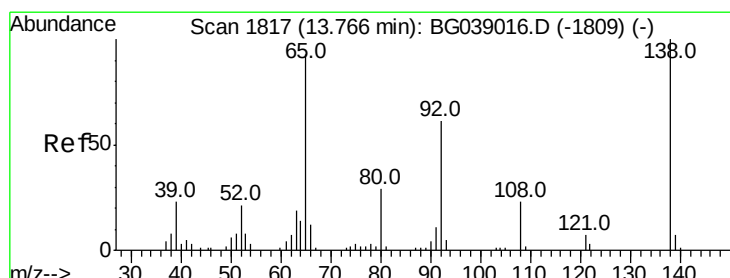
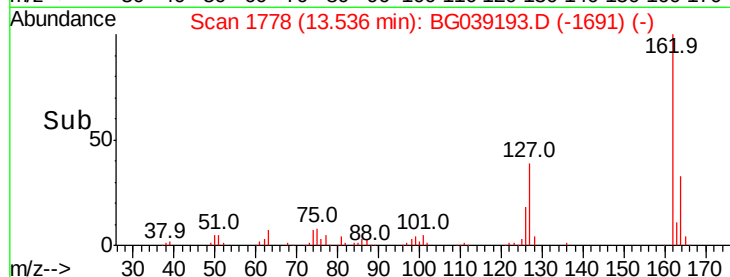
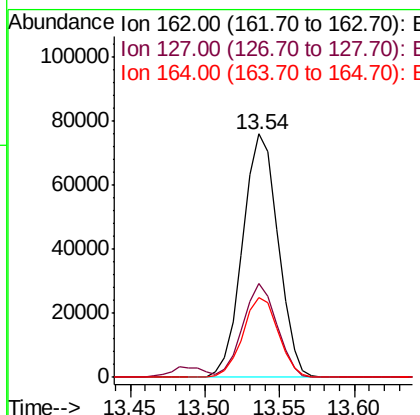
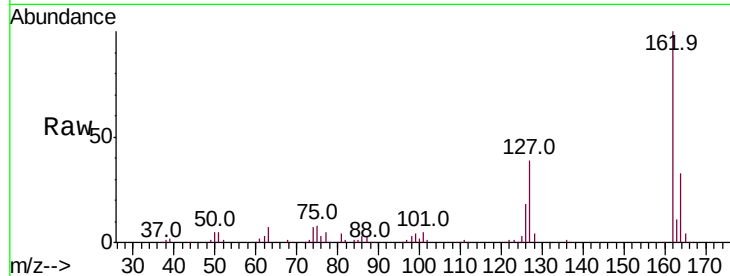




#47
 2-Chloronaphthalene
 Concen: 39.547 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

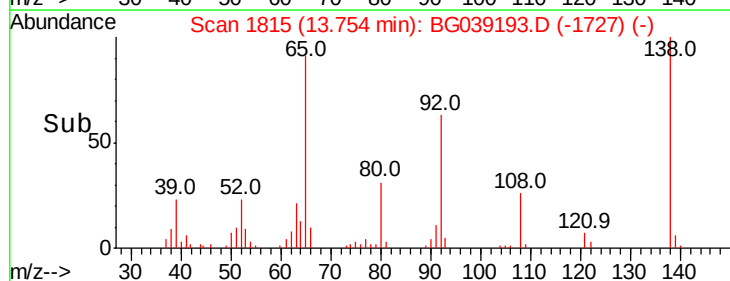
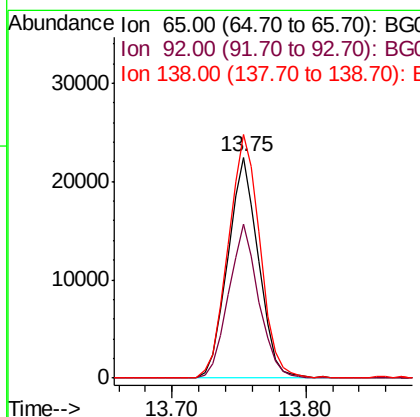
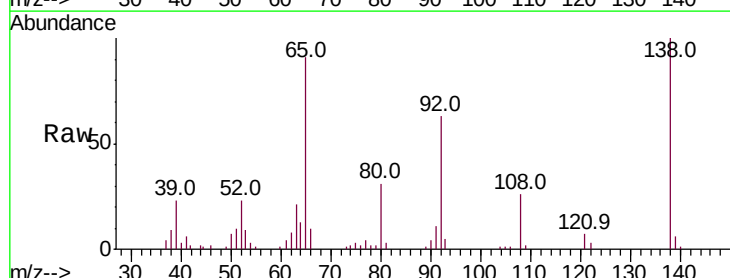
Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

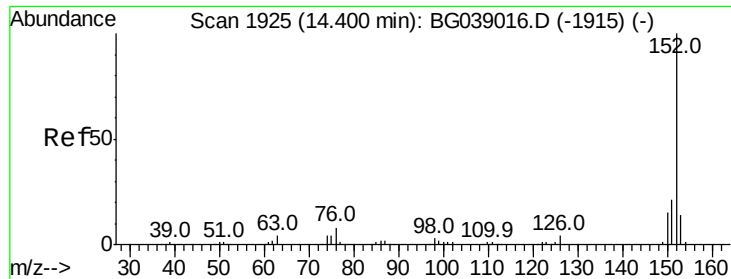
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	28.4	42.6
164	32.9	26.3	39.5



#48
 2-Nitroaniline
 Concen: 40.617 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	52.2	78.4
138	110.1	86.0	129.0





#49

Acenaphthylene

Concen: 42.923 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

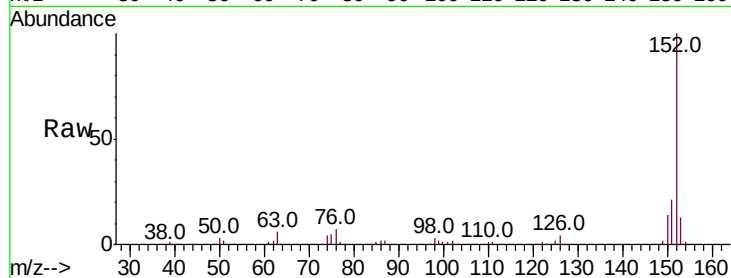
Tot Ion:152 Resp: 203760

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.4

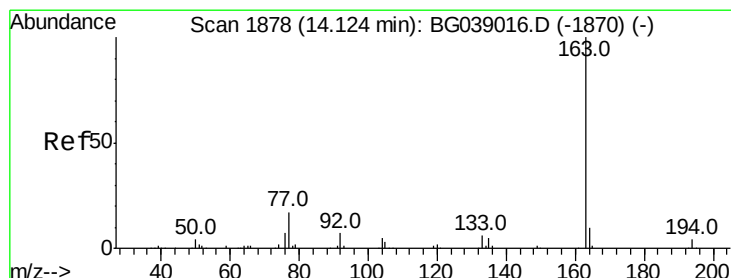
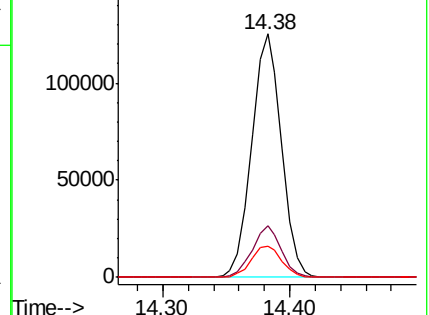
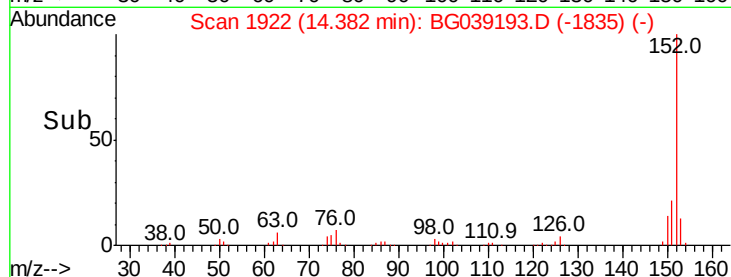
153 12.8 11.2 16.8



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: 39.992 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

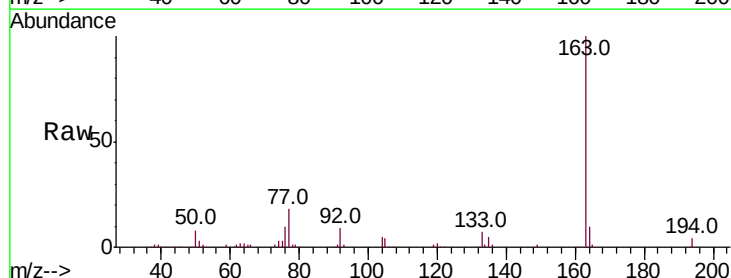
Tgt Ion:163 Resp: 166458

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

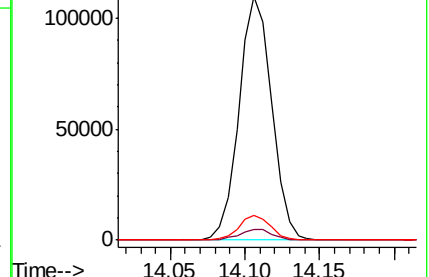
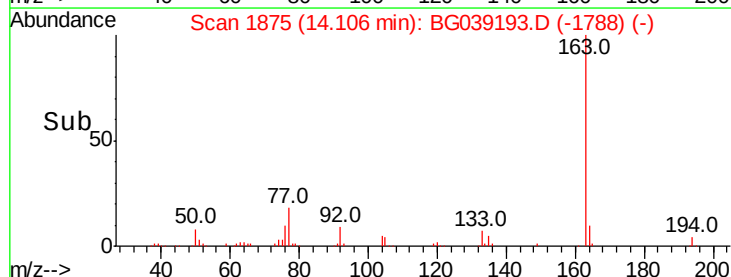
164 10.2 8.2 12.2

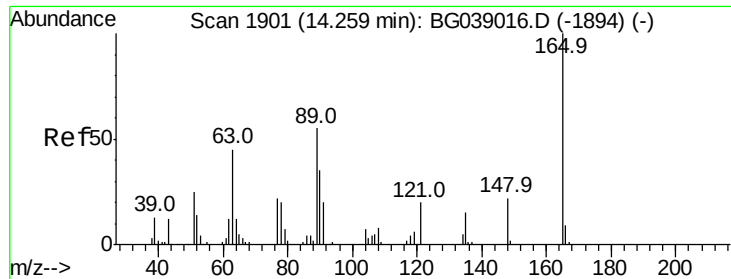


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.237 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

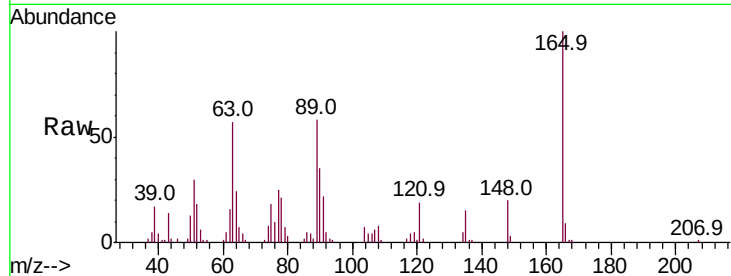
Tot Ion:165 Resp: 38374

Ion Ratio Lower Upper

165 100

63 57.3 43.6 65.4

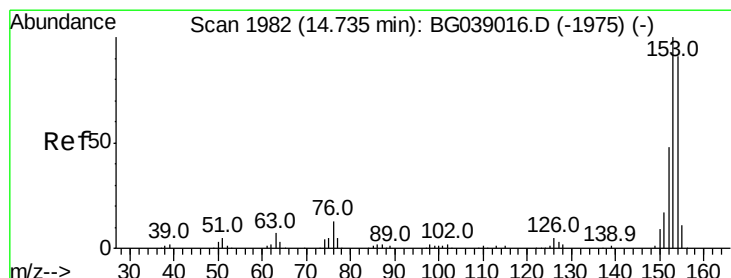
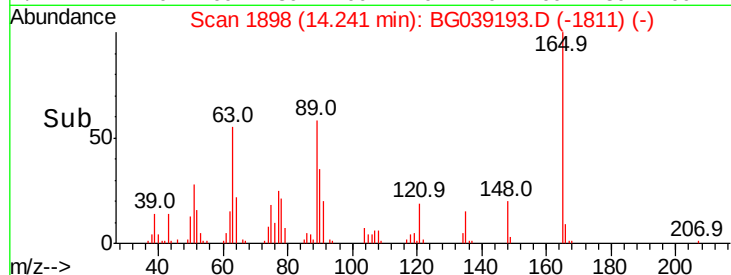
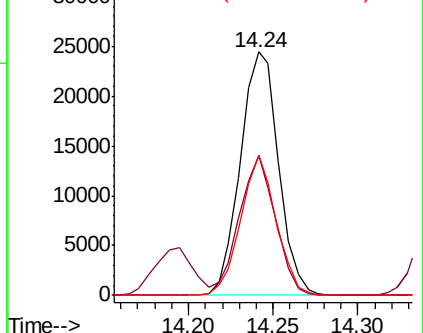
89 57.5 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.157 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

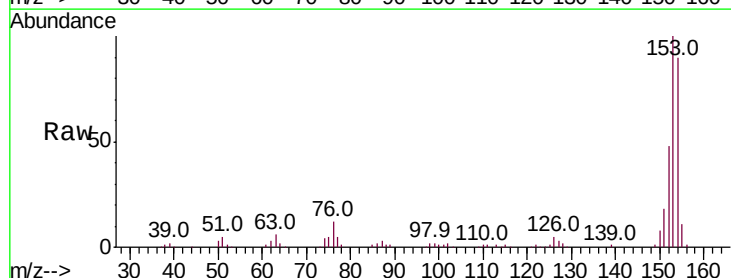
Tgt Ion:154 Resp: 117388

Ion Ratio Lower Upper

154 100

153 111.4 87.9 131.9

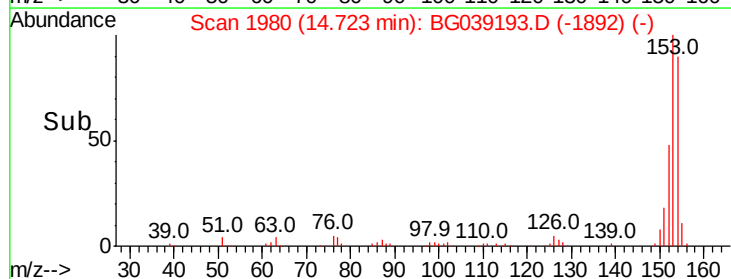
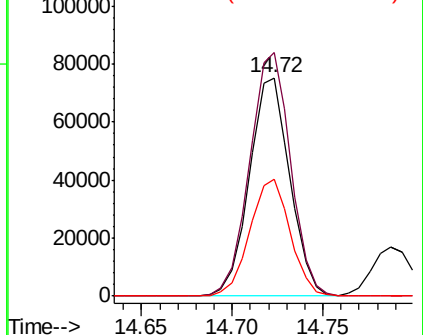
152 53.7 42.2 63.2

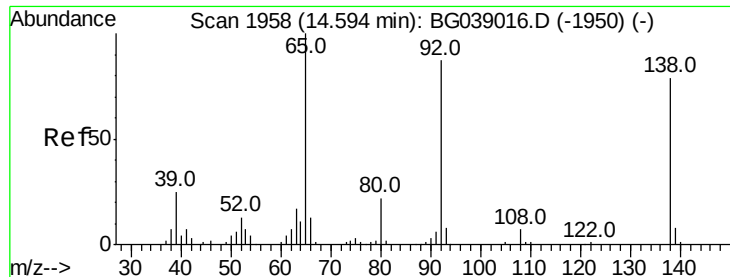


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.263 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

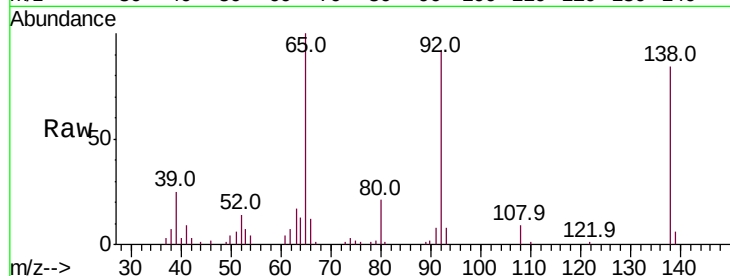
Tot Ion:138 Resp: 23849

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

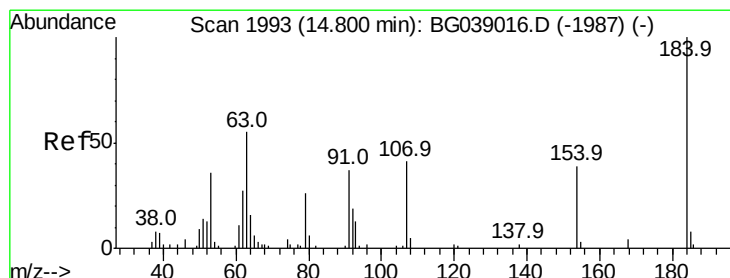
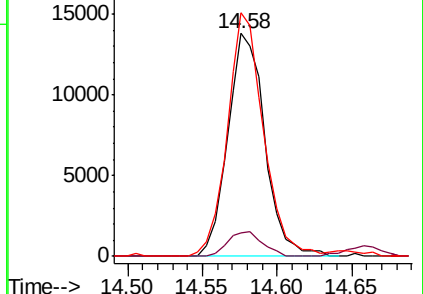
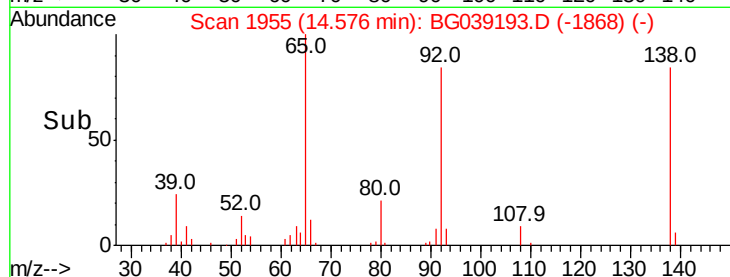
92 109.2 88.2 132.4



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: 82.226 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

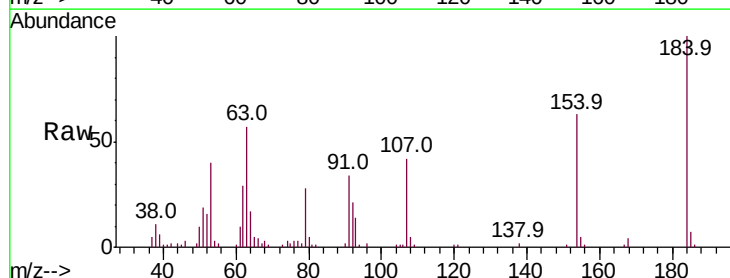
Tgt Ion:184 Resp: 45837

Ion Ratio Lower Upper

184 100

63 56.6 44.0 66.0

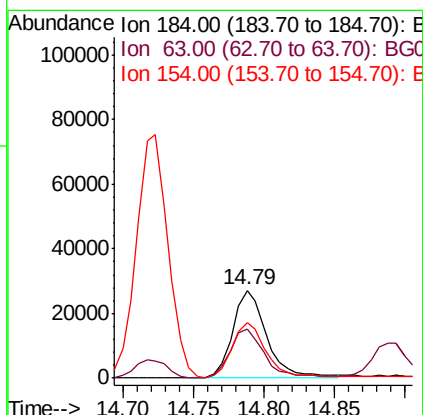
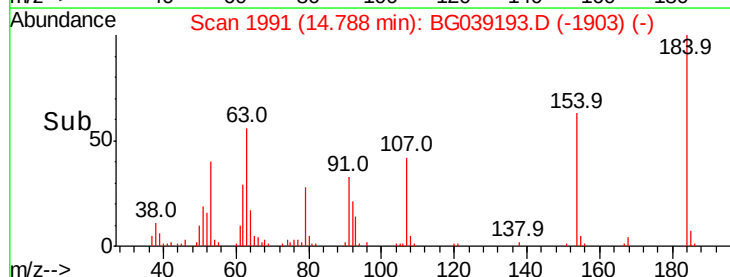
154 63.1 46.1 69.1

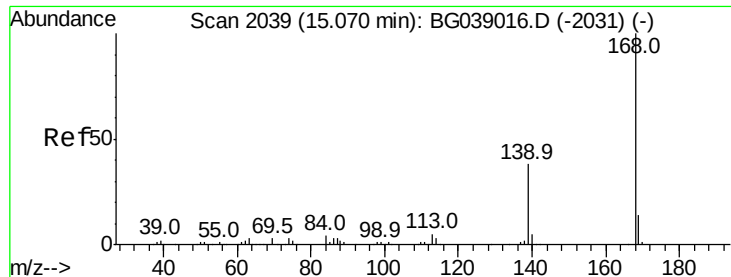


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

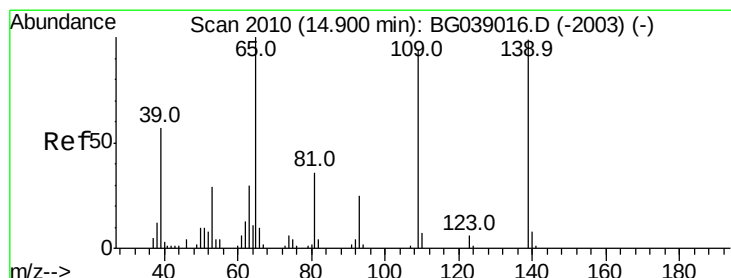
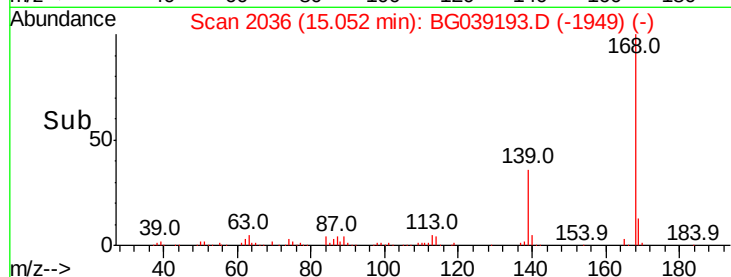
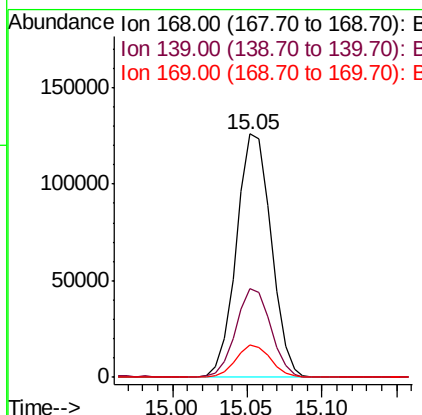
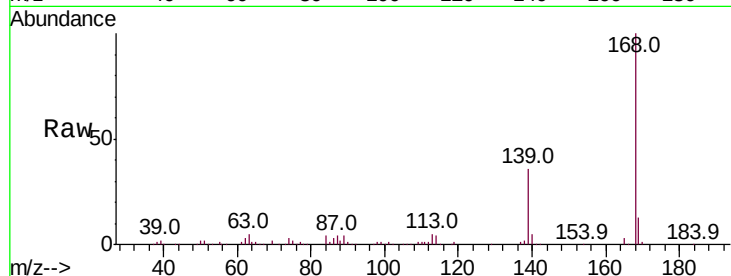




#55
Dibenzenofuran
Concen: 40.458 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

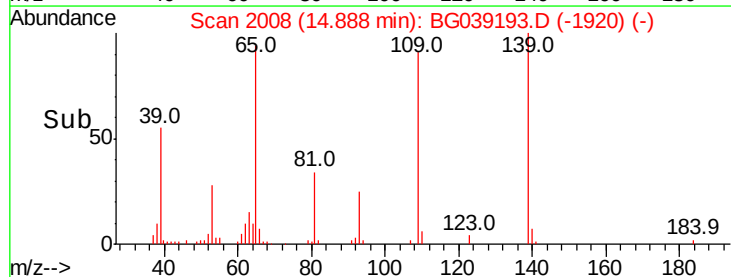
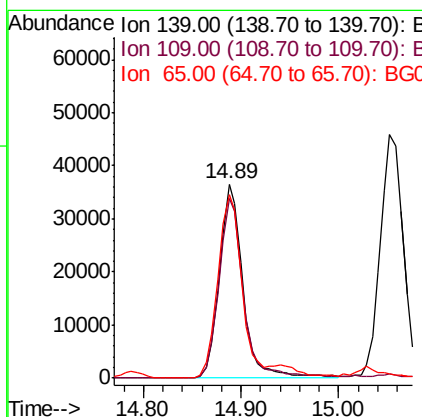
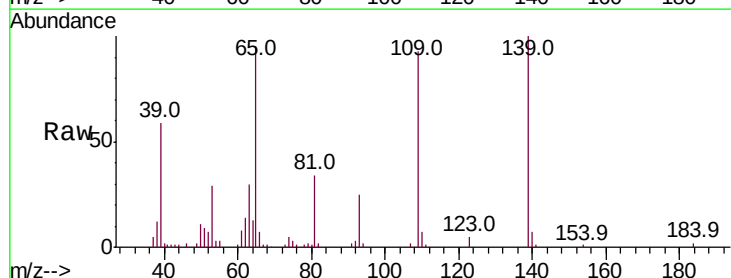
Instrument :
BNA_G
ClientSampleId :
PB116454BS

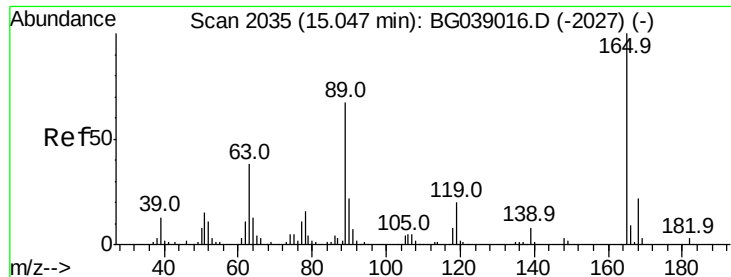
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.1	45.1
169	13.3	10.9	16.3



#56
4-Nitrophenol
Concen: 90.186 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	75.6	115.6
65	94.8	81.2	121.2

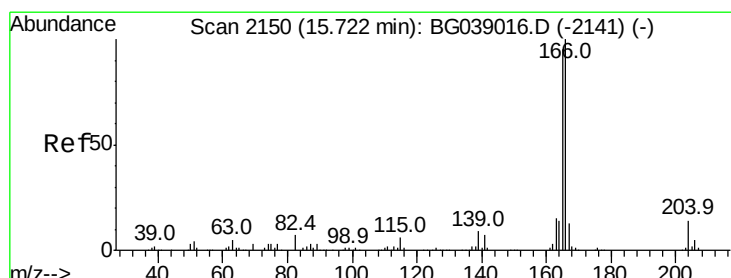
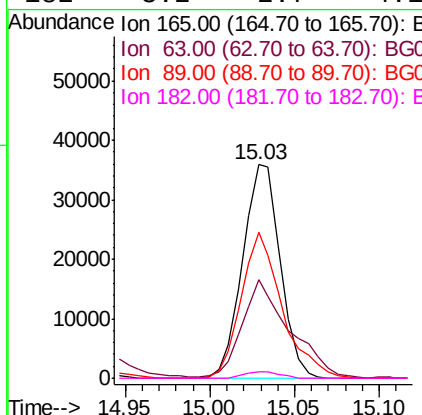
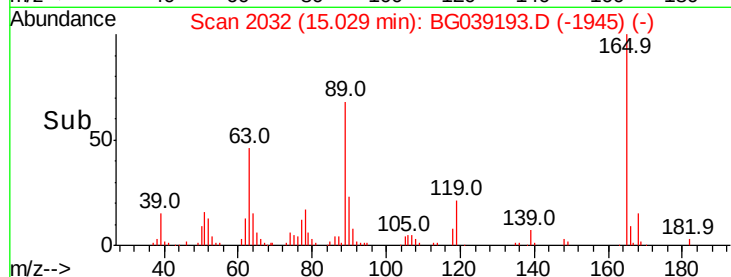
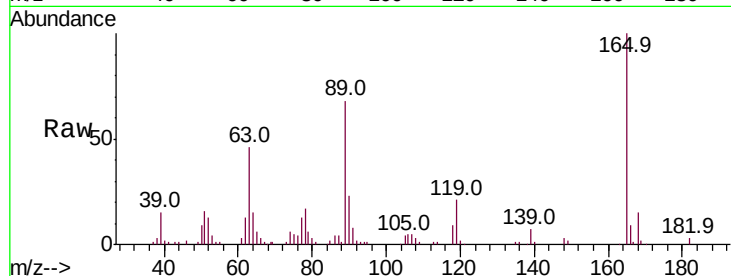




#57
2,4-Dinitrotoluene
Concen: 41.625 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

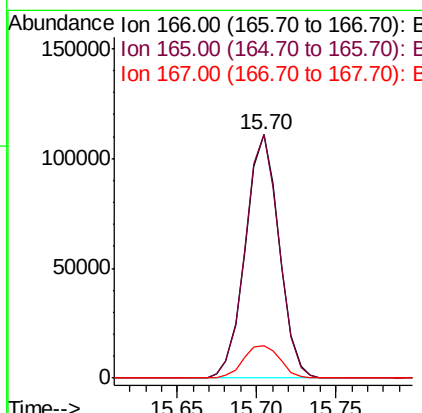
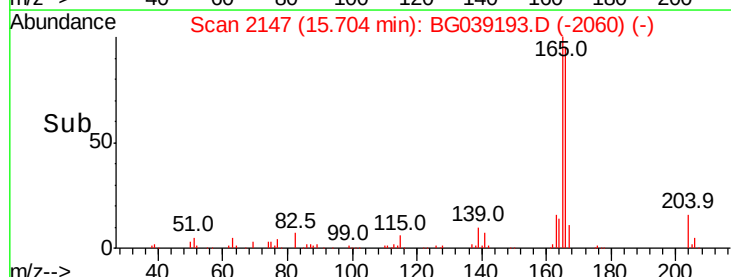
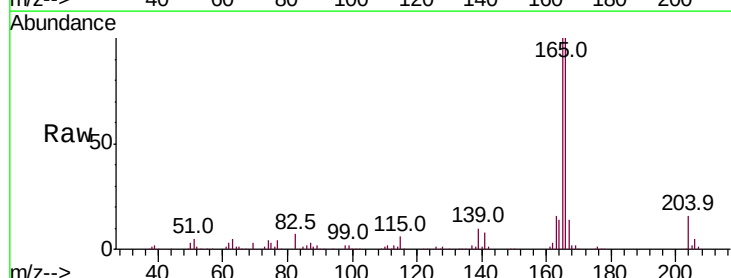
Instrument :
BNA_G
ClientSampleId :
PB116454BS

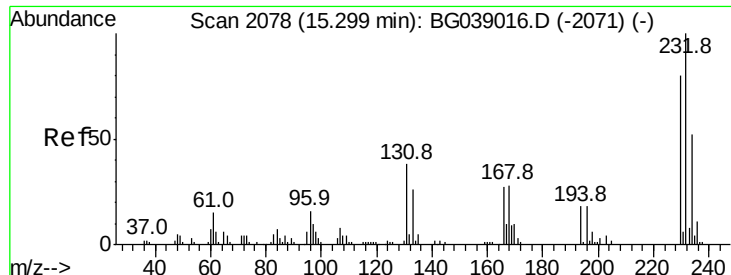
Tot Ion:165 Resp: 55573
Ion Ratio Lower Upper
165 100
63 46.0 30.2 45.4#
89 68.4 53.2 79.8
182 3.2 2.7 4.1



#58
Fluorene
Concen: 43.128 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:166 Resp: 163528
Ion Ratio Lower Upper
166 100
165 99.8 76.2 114.2
167 13.6 10.6 16.0

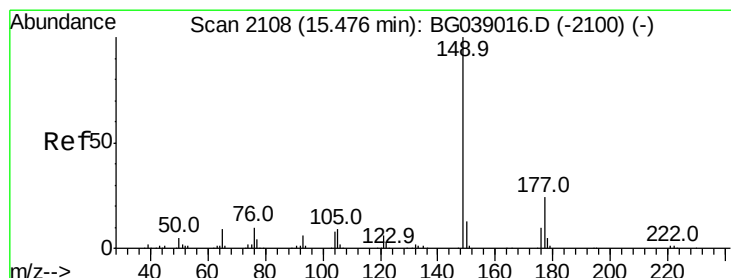
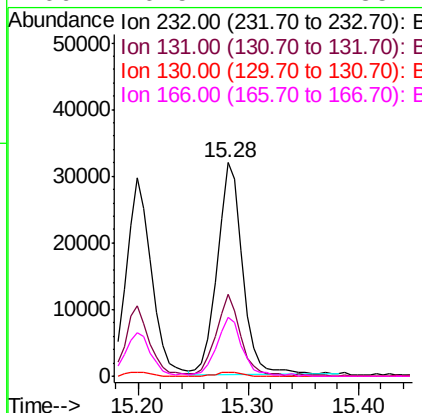
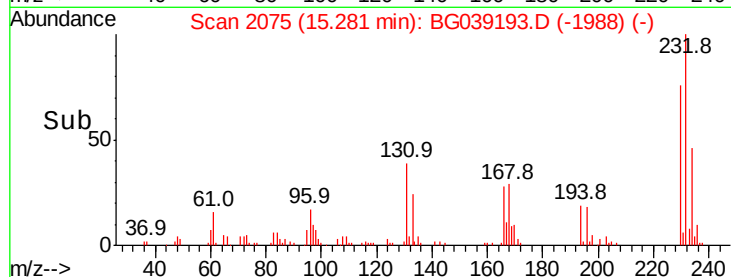
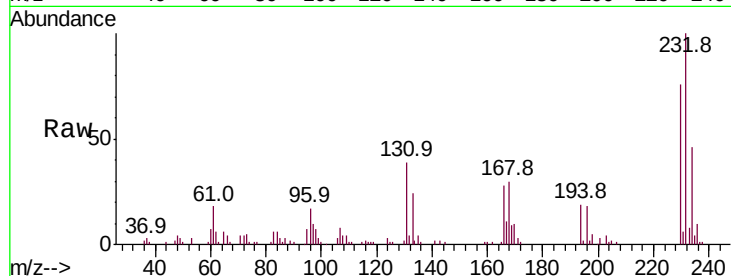




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.854 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

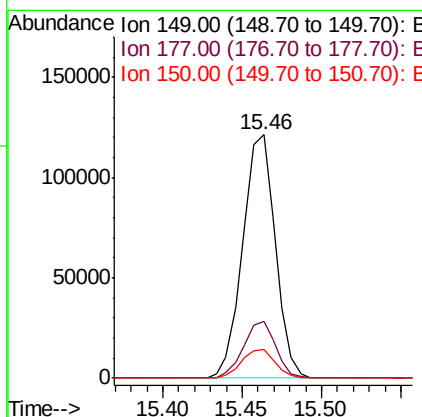
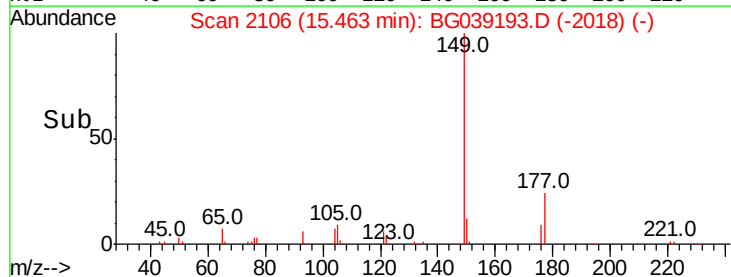
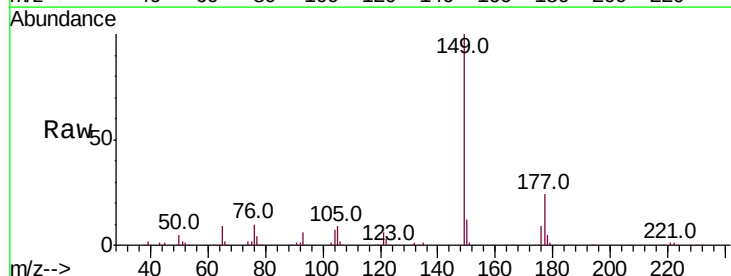
Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

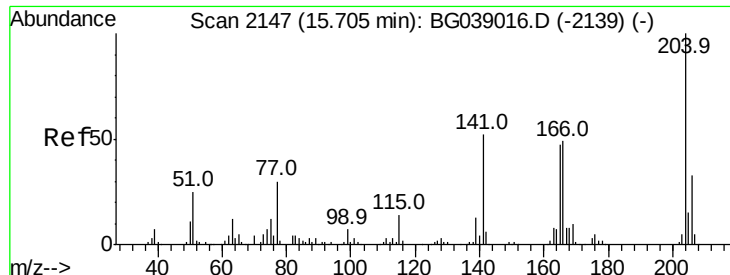
Tot Ion:232 Resp: 50938
 Ion Ratio Lower Upper
 232 100
 131 37.7 30.9 46.3
 130 2.0 1.9 2.9
 166 26.5 22.1 33.1



#60
 Diethylphthalate
 Concen: 40.444 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion:149 Resp: 173441
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.0 28.6
 150 11.7 10.2 15.4

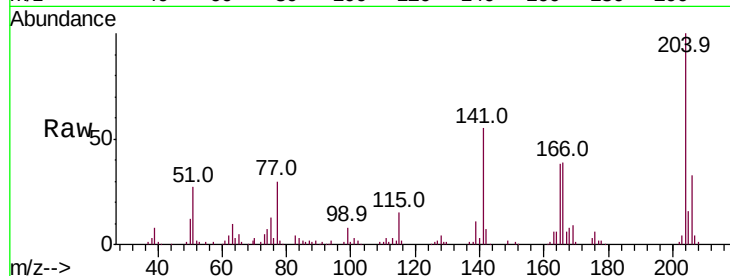




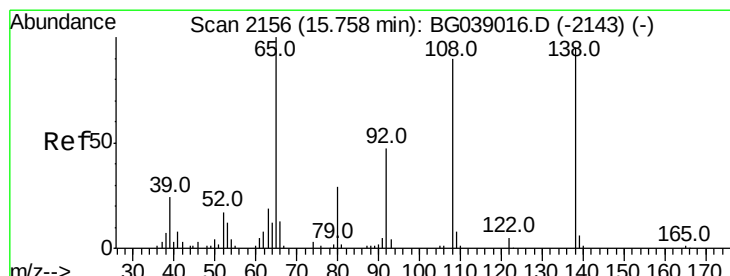
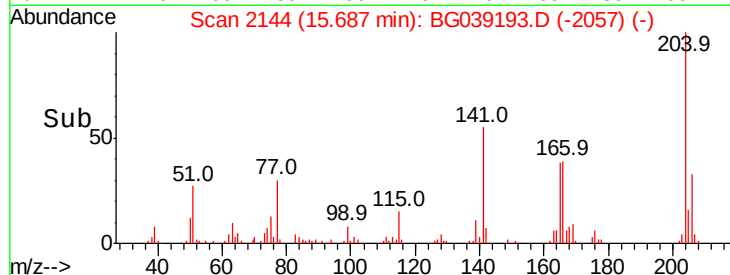
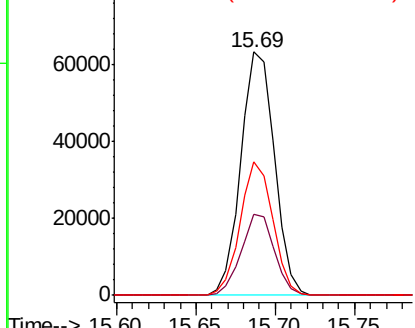
#61
 4-Chlorophenyl-phenylether
 Concen: 39.048 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Tot Ion:204 Resp: 93278
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 54.6 41.4 62.0

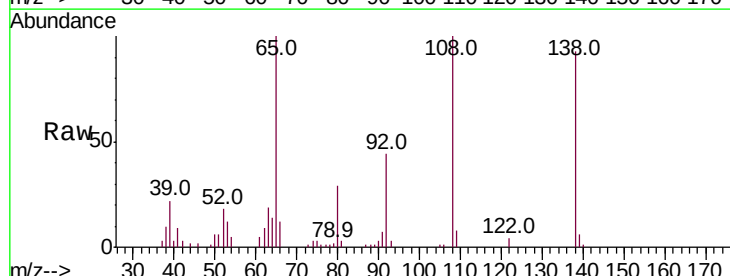


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

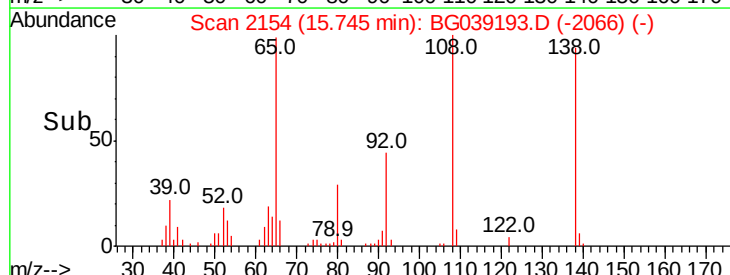
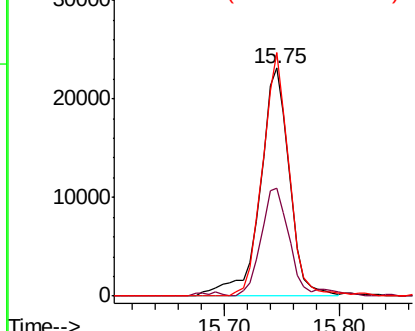


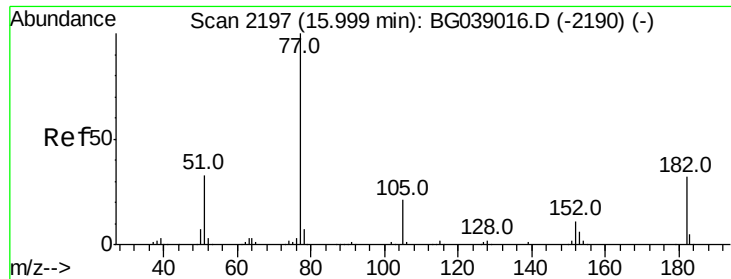
#62
 4-Nitroaniline
 Concen: 41.678 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion:138 Resp: 40987
 Ion Ratio Lower Upper
 138 100
 92 47.3 29.7 69.7
 108 106.9 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: 40.017 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

Tot Ion: 77 Resp: 134203

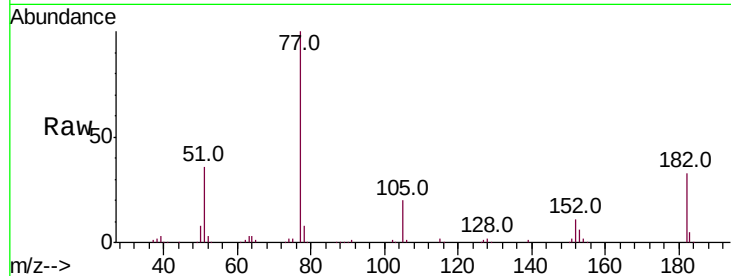
Ion Ratio Lower Upper

77 100

182 32.8 12.2 52.2

105 20.0 1.2 41.2

51 36.1 13.4 53.4

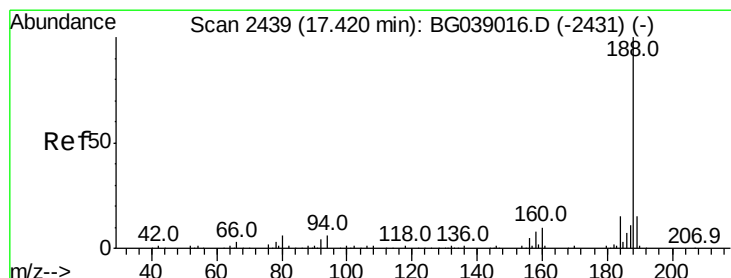
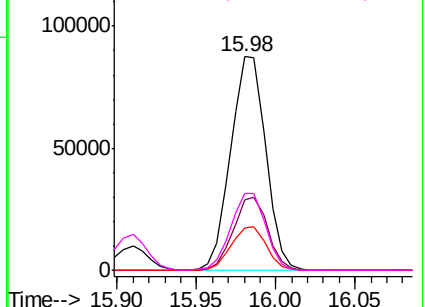
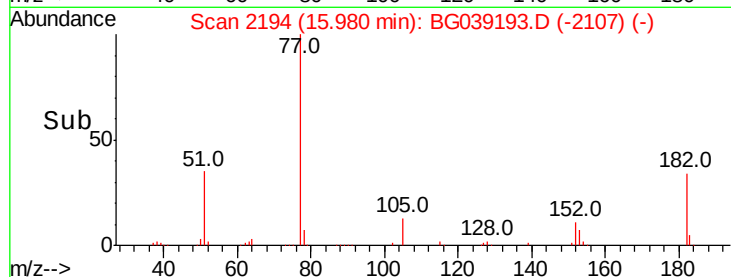


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

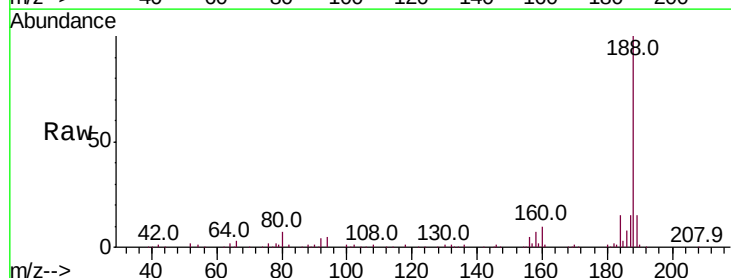
Tgt Ion: 188 Resp: 145166

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

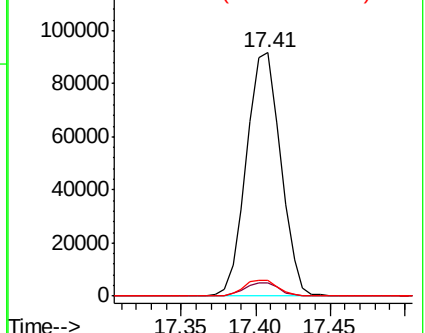
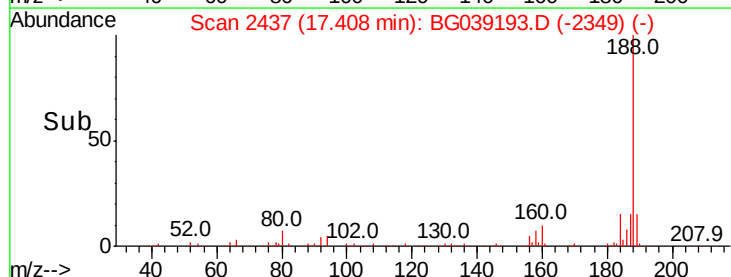
80 6.7 4.7 7.1

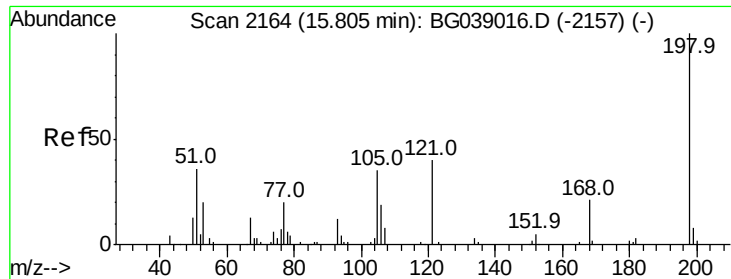


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

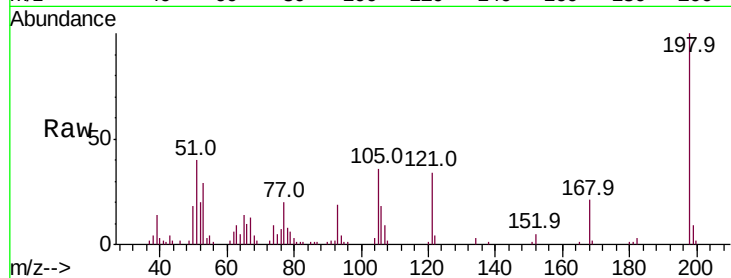




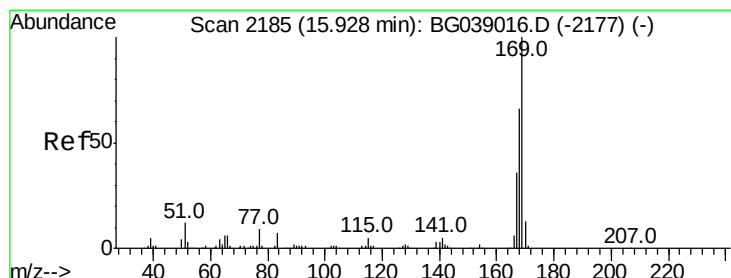
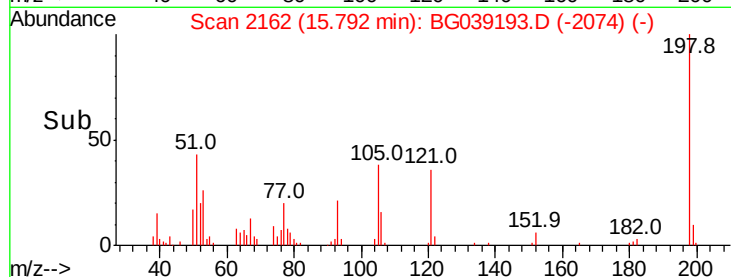
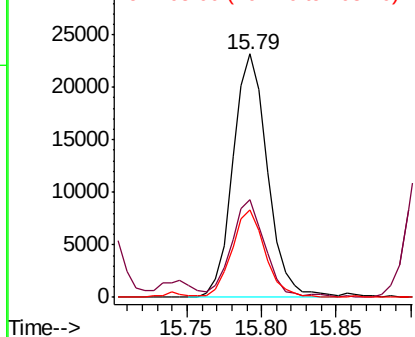
#65
4,6-Dinitro-2-methylphenol
Concen: 34.784 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion:198 Resp: 37409
Ion Ratio Lower Upper
198 100
51 39.9 20.8 60.8
105 35.7 16.1 56.1

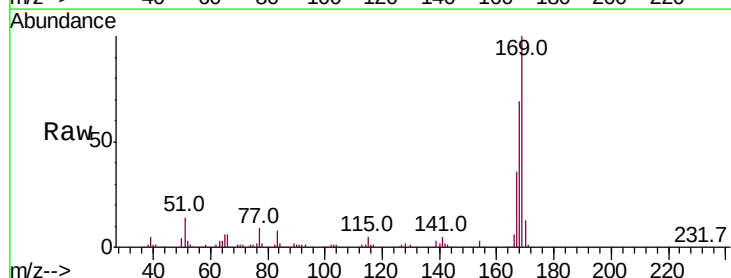


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

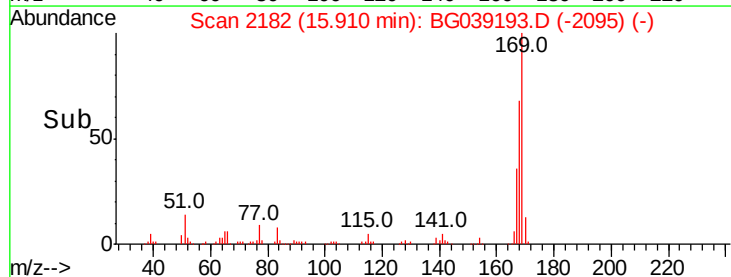
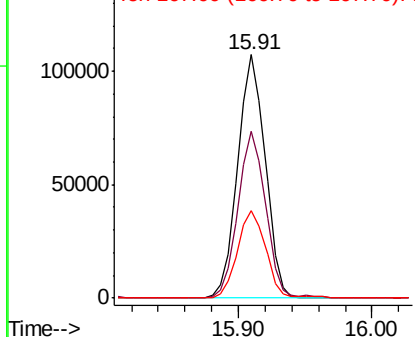


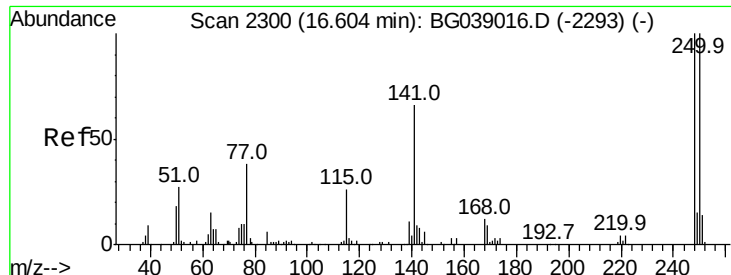
#66
n-Nitrosodiphenylamine
Concen: 35.599 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:169 Resp: 153199
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 36.1 29.1 43.7



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

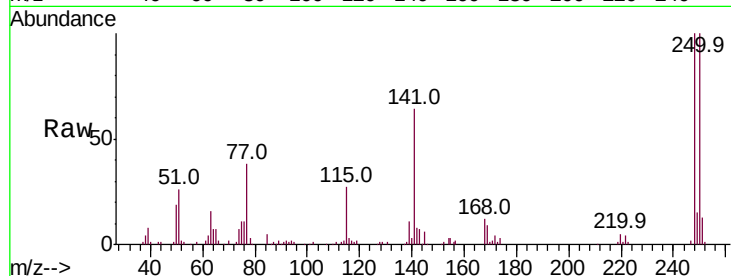




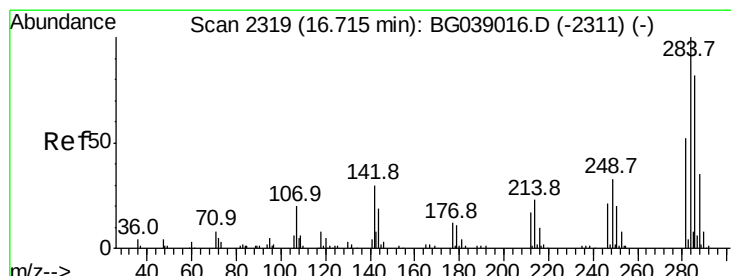
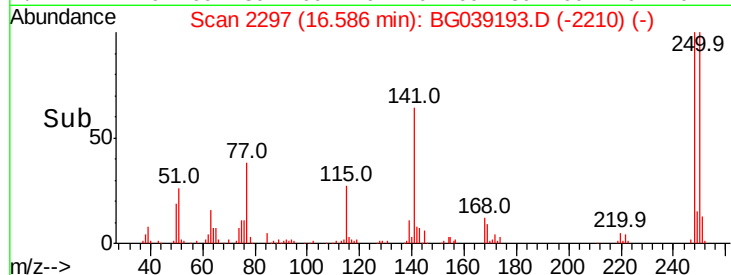
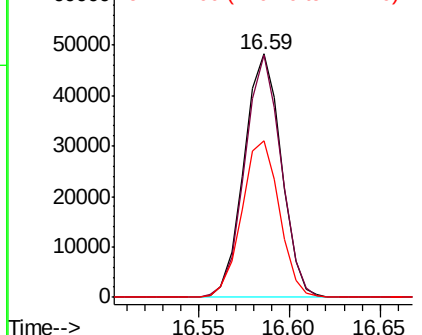
#67
 4-Bromophenyl-phenylether
 Concen: 36.985 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Tot Ion:248 Resp: 69015
 Ion Ratio Lower Upper
 248 100
 250 99.6 79.9 119.9
 141 64.4 52.7 79.1

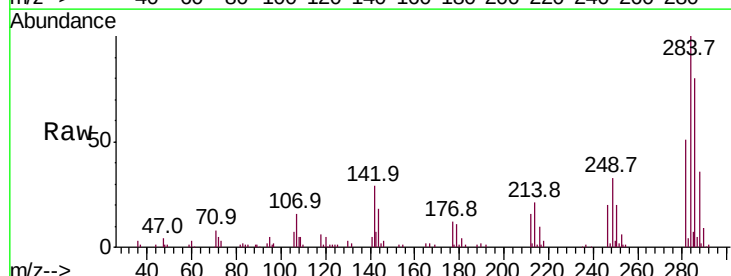


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

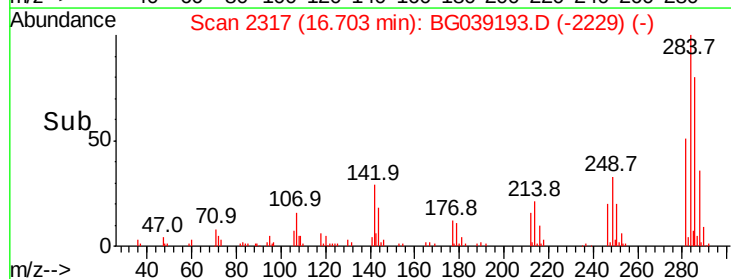
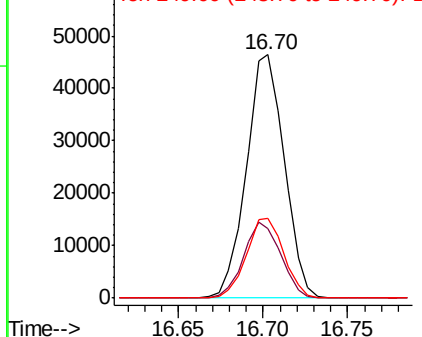


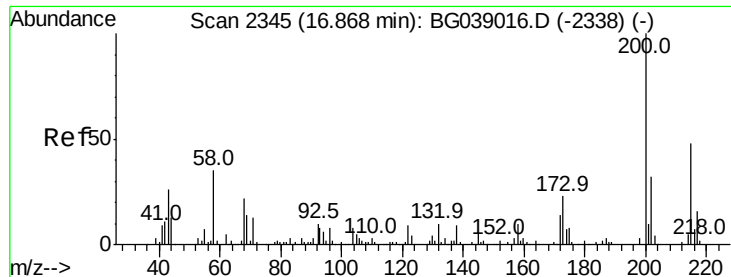
#68
 Hexachlorobenzene
 Concen: 35.724 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion:284 Resp: 72741
 Ion Ratio Lower Upper
 284 100
 142 28.8 24.3 36.5
 249 35.5 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

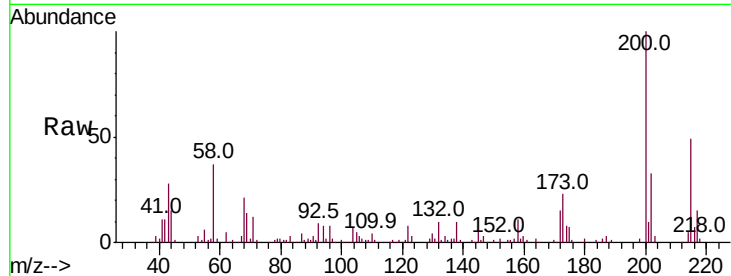




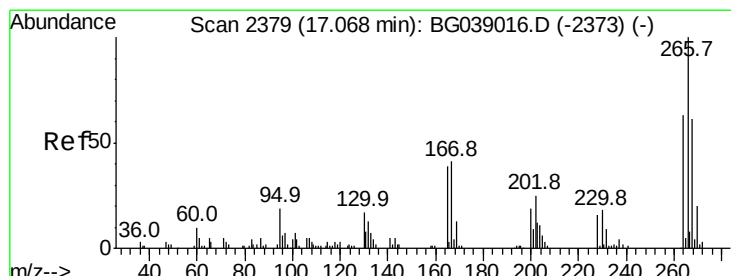
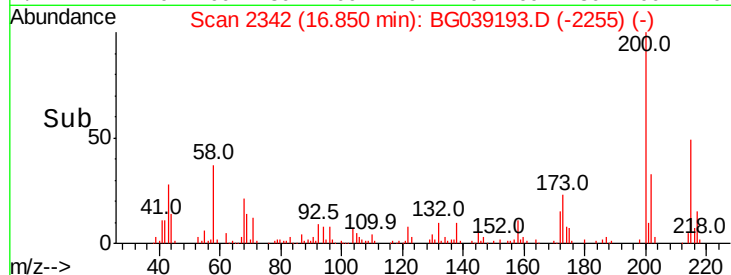
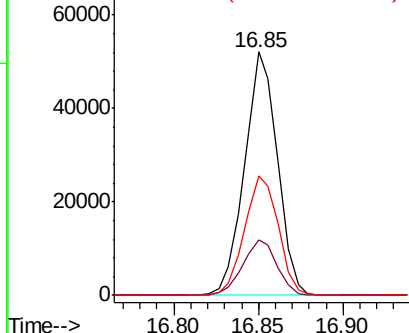
#69
Atrazine
Concen: 38.577 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	2.6	42.6
215	49.0	28.0	68.0

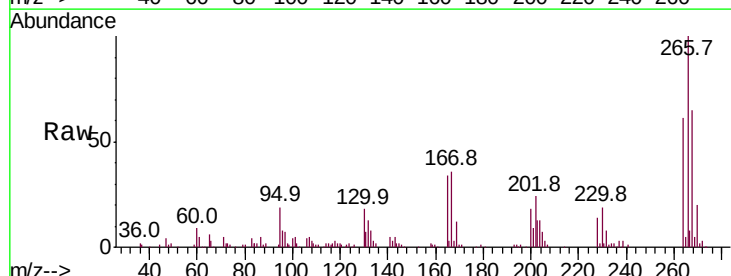


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

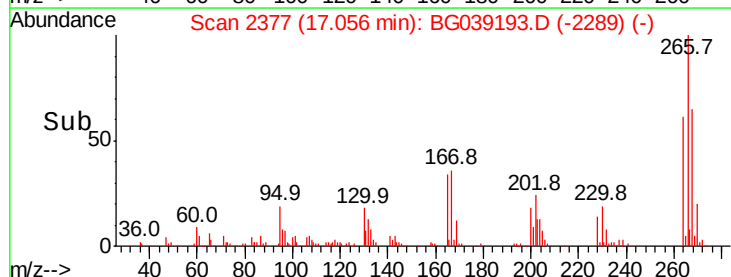
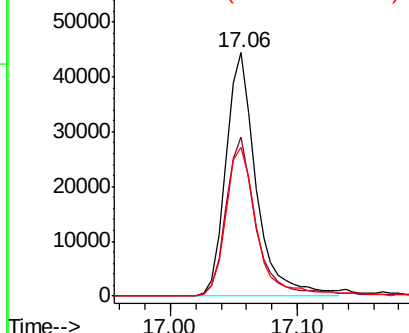


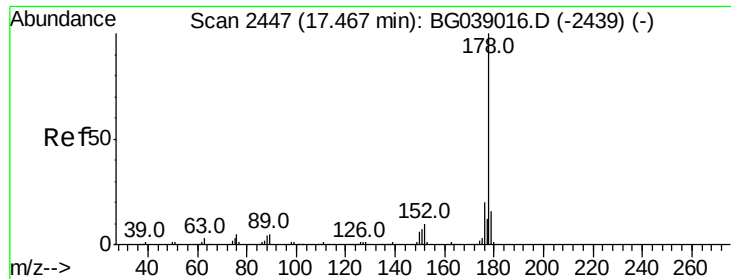
#70
Pentachlorophenol
Concen: 59.994 ng
RT: 17.06 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.0	52.0	78.0
264	61.3	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

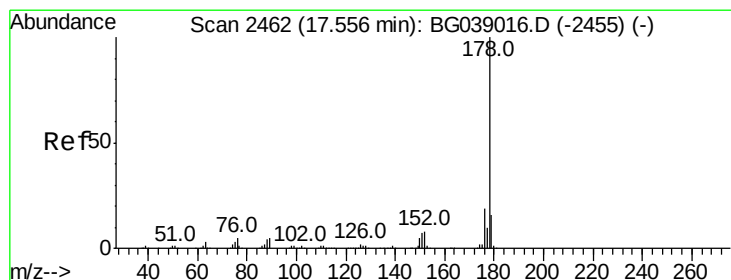
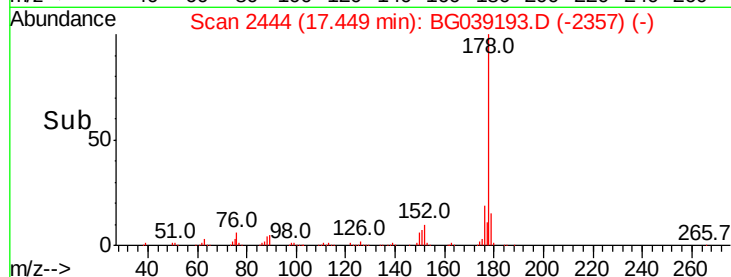
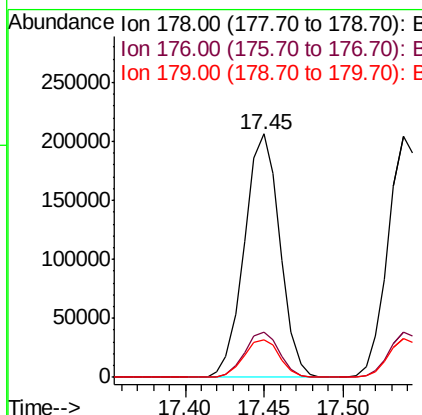
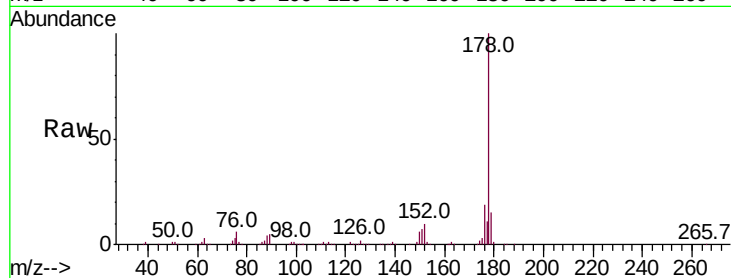




#71
Phenanthrene
Concen: 41.799 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

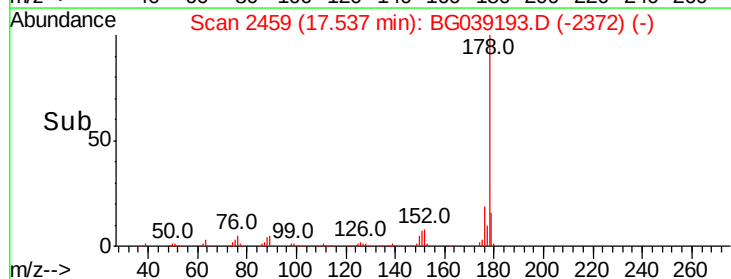
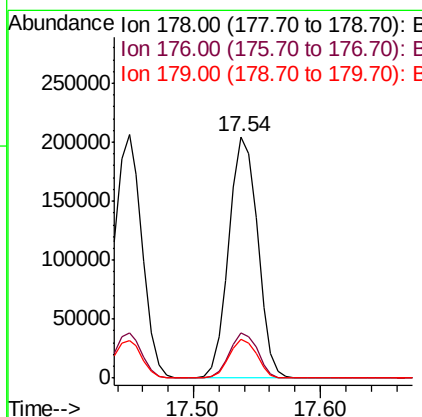
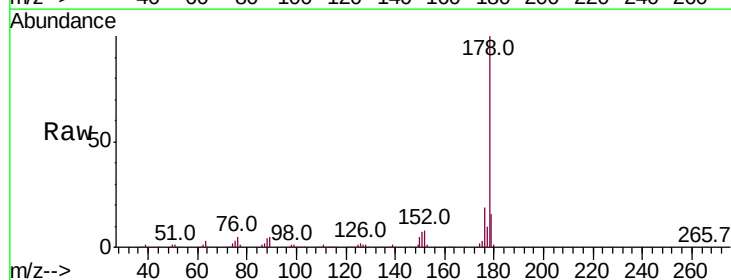
Instrument :
BNA_G
ClientSampleId :
PB116454BS

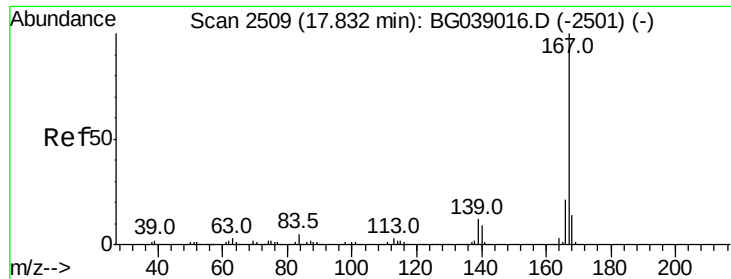
Tot Ion:178 Resp: 320725
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.5 12.9 19.3



#72
Anthracene
Concen: 42.368 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039193.D
Acq: 17 Jan 2019 19:19

Tgt Ion:178 Resp: 321425
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 16.1 13.0 19.4

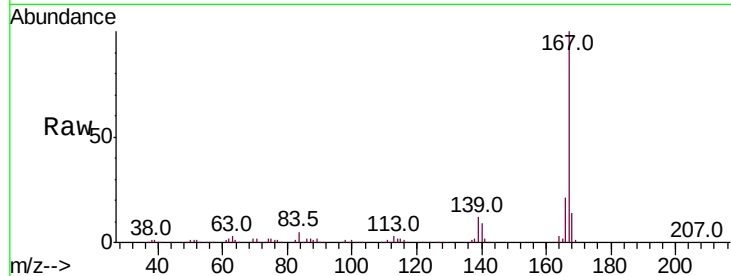




#73
 Carbazole
 Concen: 38.206 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PB116454BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	12.3	10.0	15.0

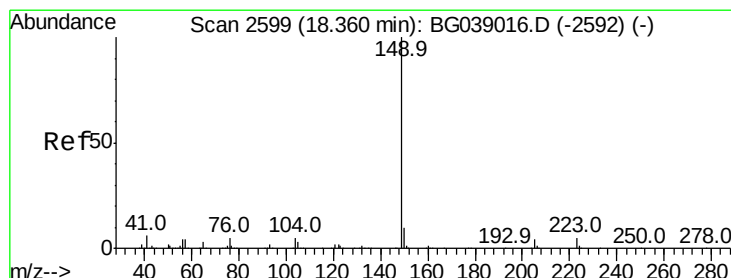
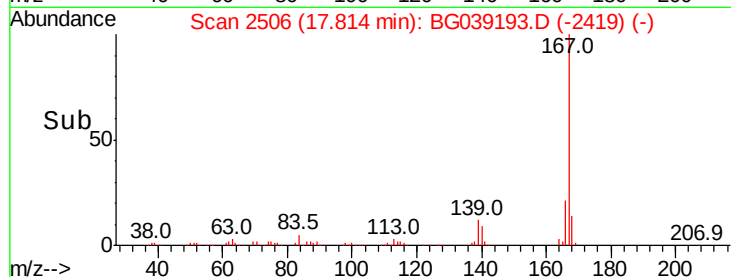
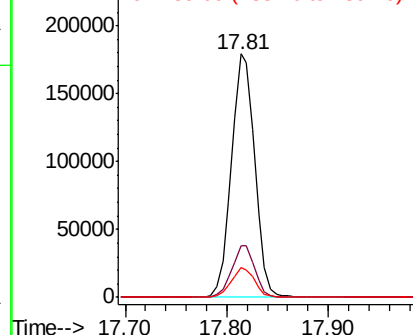


Abundance

Ion 167.00 (166.70 to 167.70): E

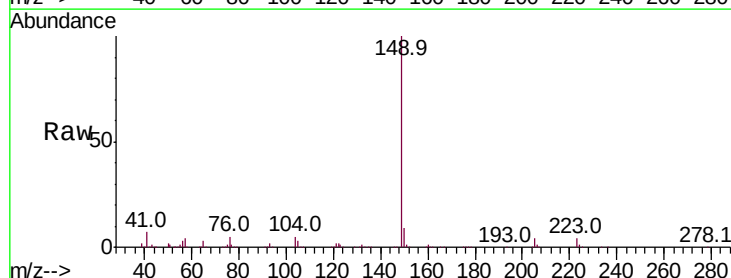
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.771 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BG039193.D
 Acq: 17 Jan 2019 19:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.4	4.2	6.2

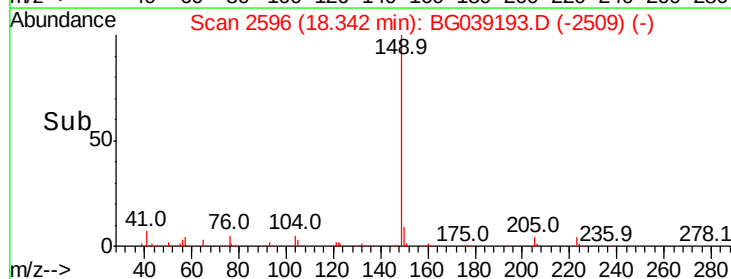
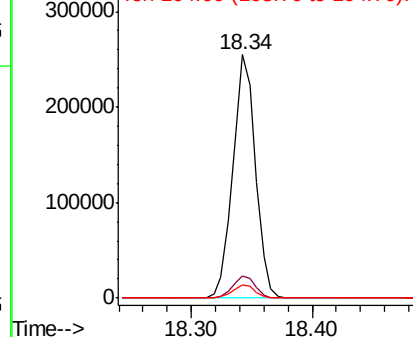


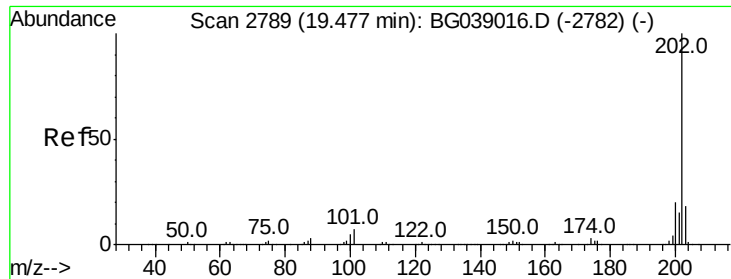
Abundance

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: 43.472 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

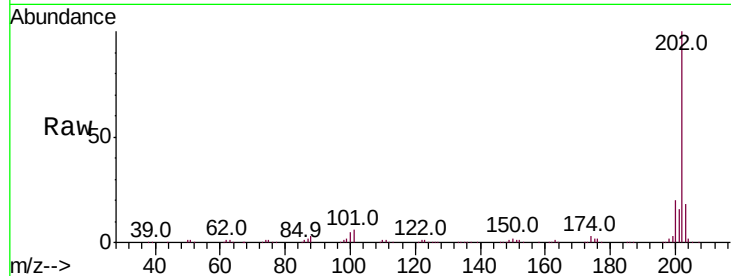
Tot Ion:202 Resp: 413509

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.9

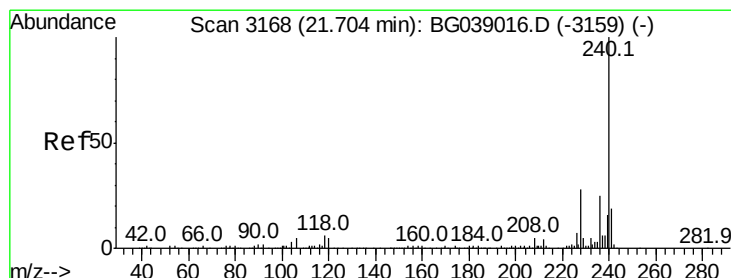
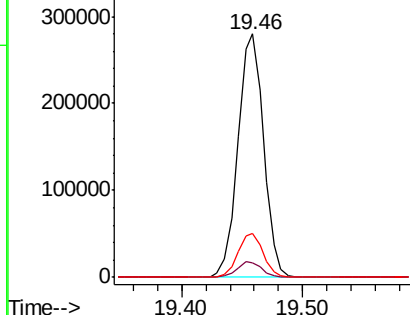
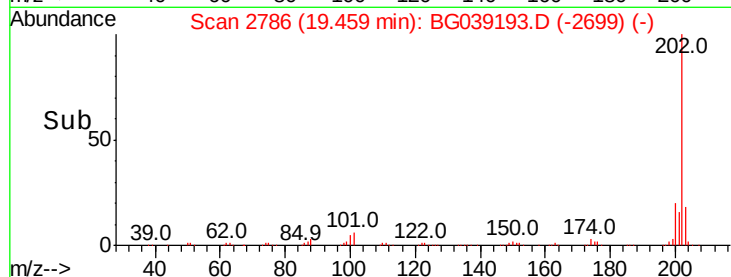
203 17.9 0.0 38.1



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: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

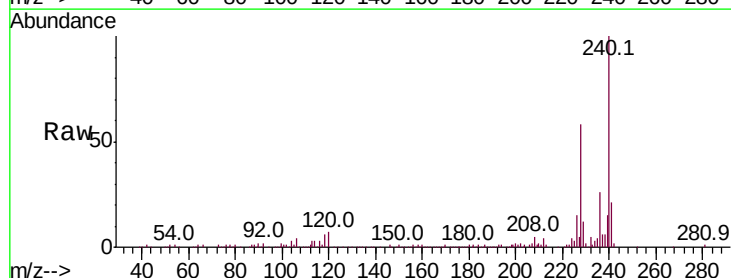
Tgt Ion:240 Resp: 159170

Ion Ratio Lower Upper

240 100

120 6.7 4.3 6.5#

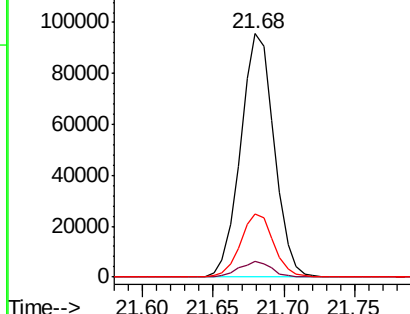
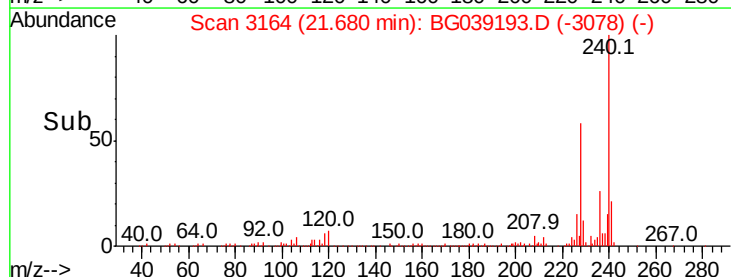
236 26.0 20.1 30.1

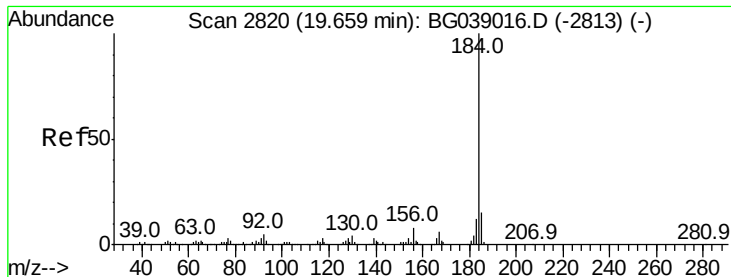


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.414 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

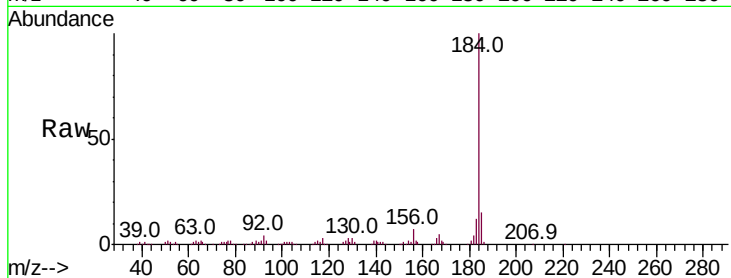
Tot Ion:184 Resp: 162675

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

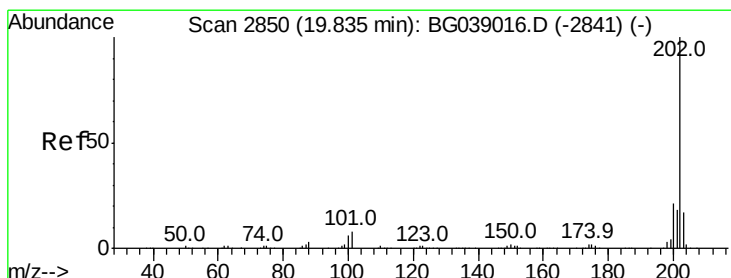
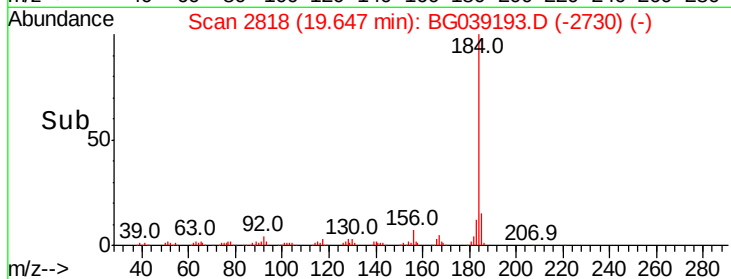
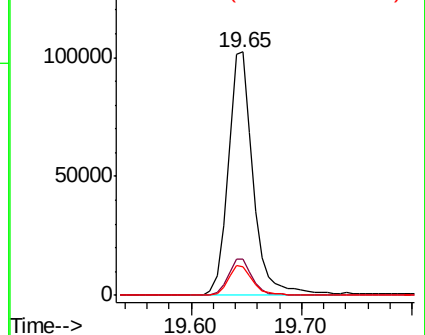
183 11.8 9.5 14.3



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: 41.473 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

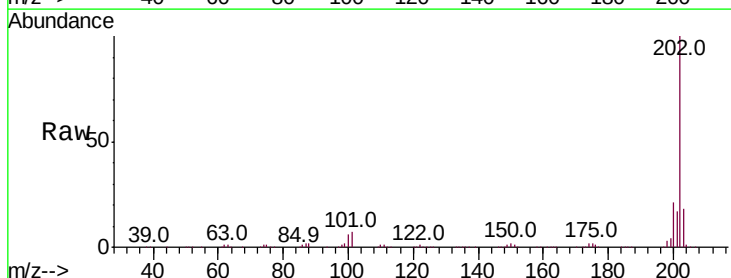
Tgt Ion:202 Resp: 420694

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

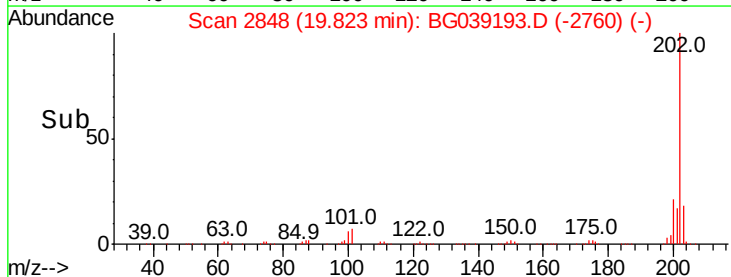
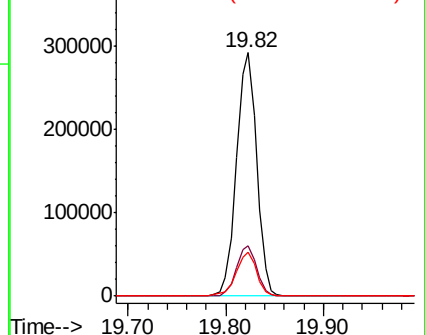
203 18.3 14.0 21.0

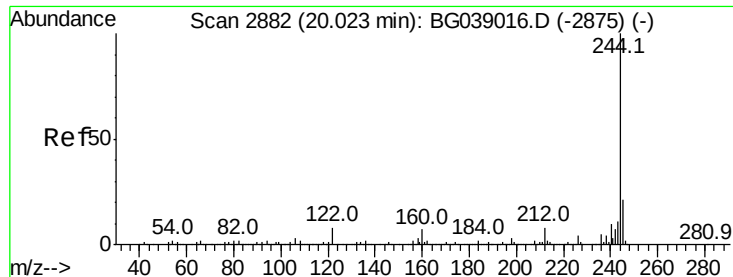


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.749 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

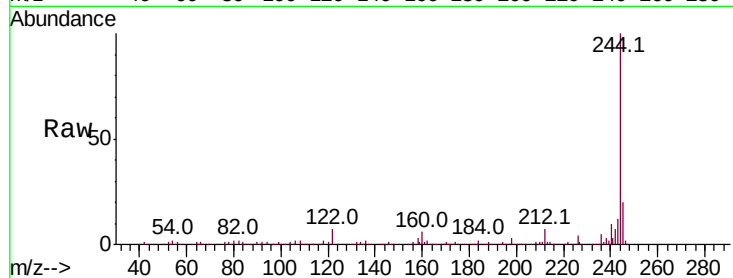
Tot Ion:244 Resp: 677582

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

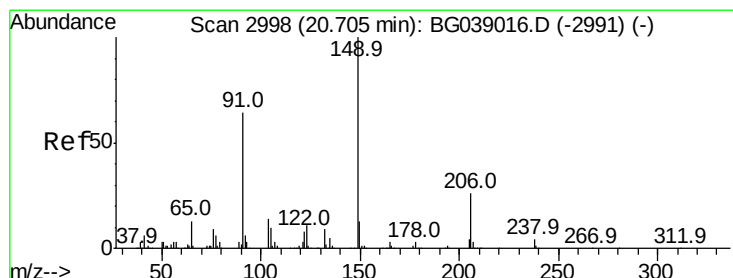
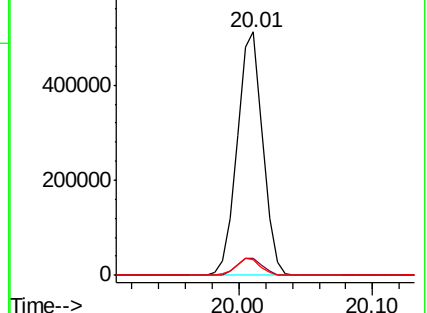
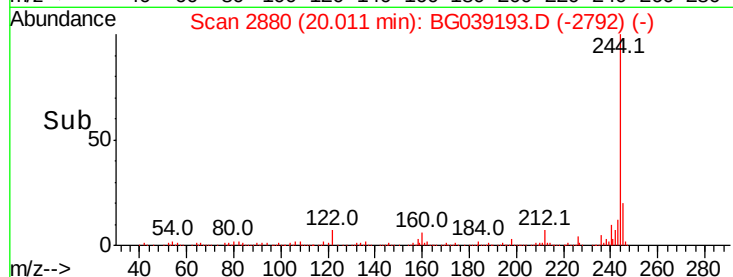
122 6.6 6.1 9.1



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: 40.426 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

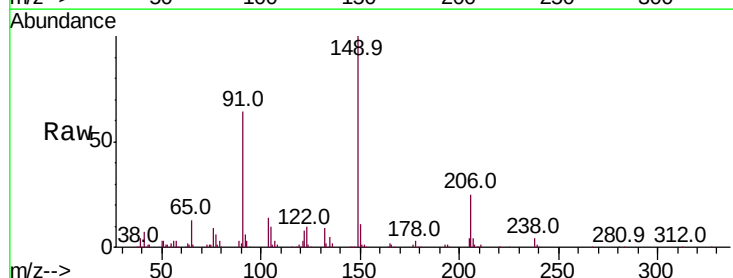
Tgt Ion:149 Resp: 155966

Ion Ratio Lower Upper

149 100

91 63.7 51.4 77.0

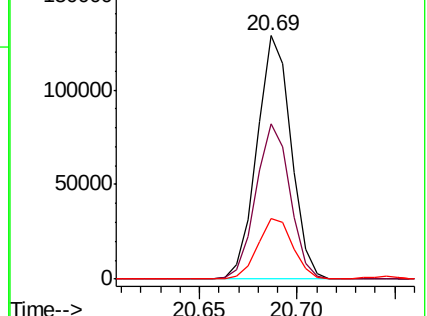
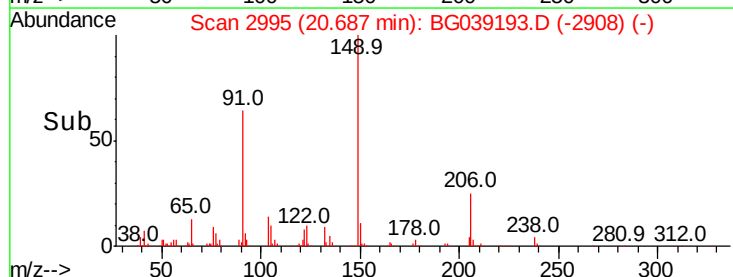
206 24.8 20.4 30.6

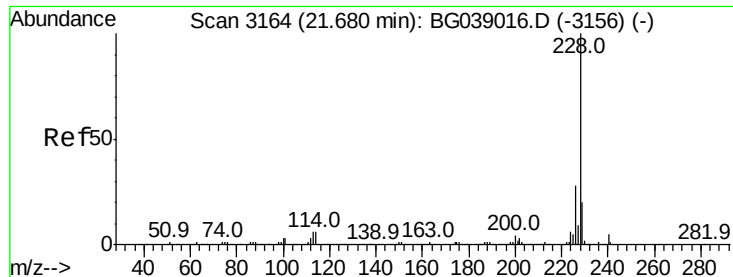


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.525 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

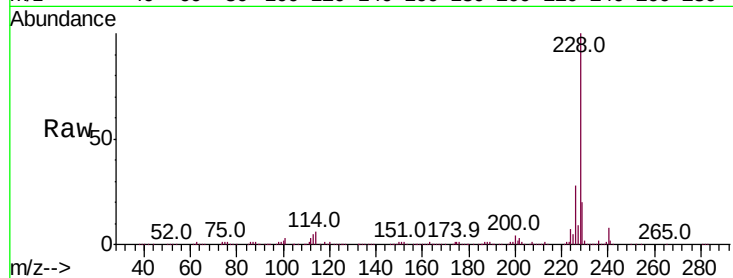
Tot Ion:228 Resp: 421730

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

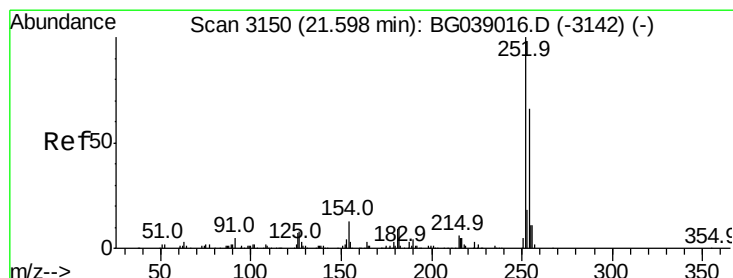
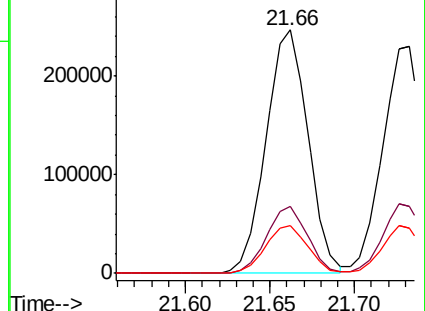
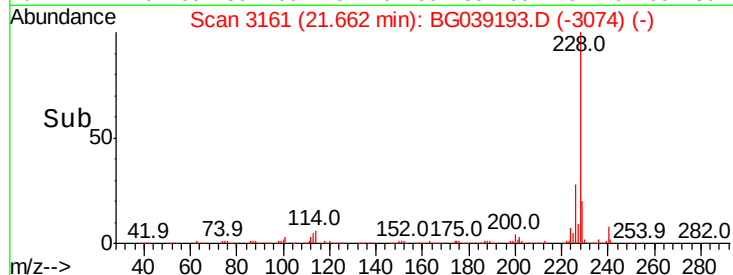
229 19.8 16.2 24.2



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: 24.082 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

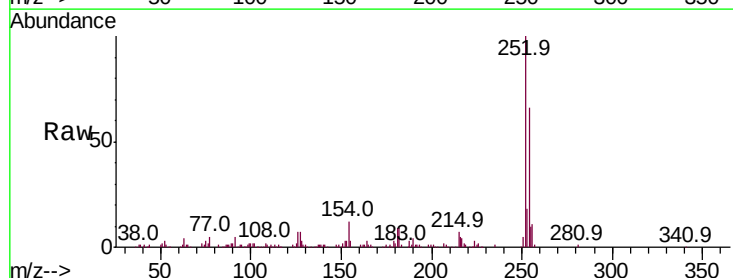
Tgt Ion:252 Resp: 95072

Ion Ratio Lower Upper

252 100

254 65.9 53.0 79.6

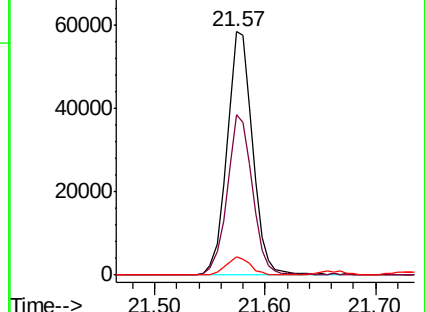
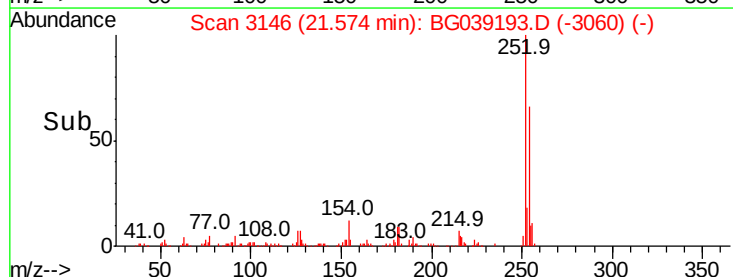
126 7.3 6.0 9.0

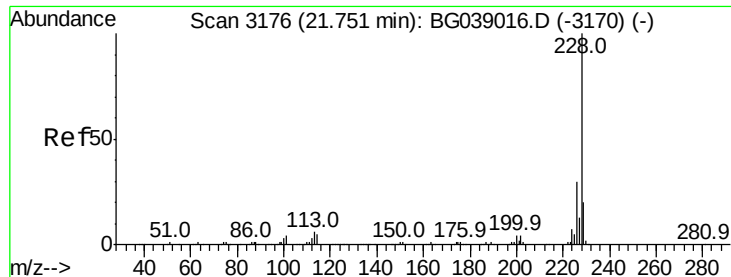


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.710 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

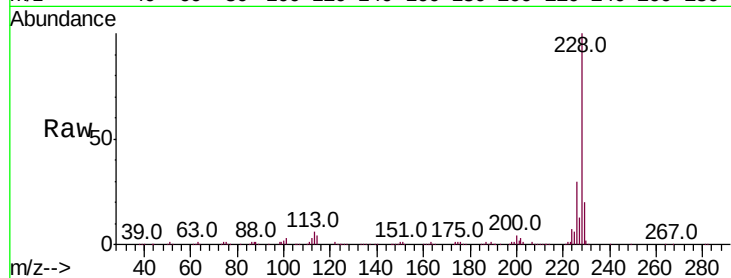
Tot Ion:228 Resp: 384381

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

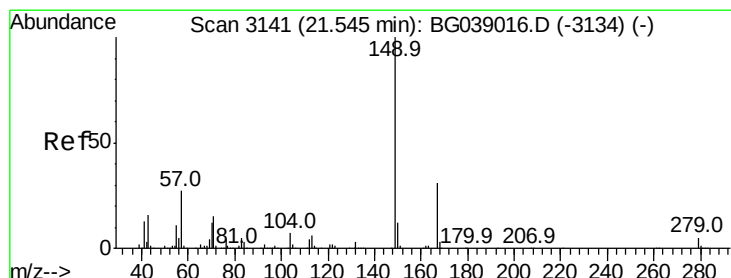
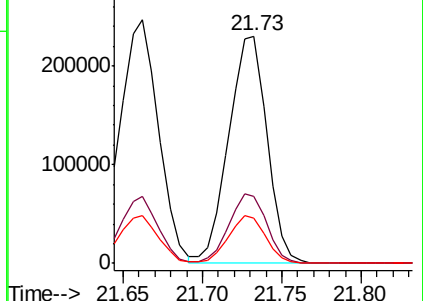
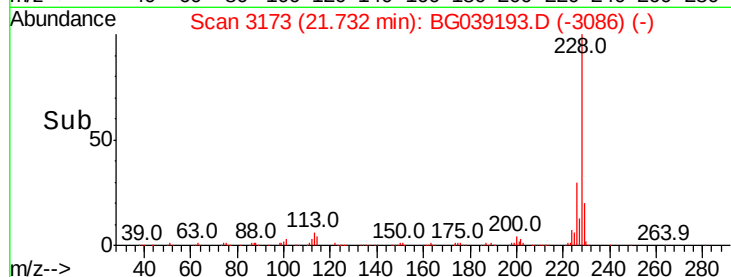
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.958 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

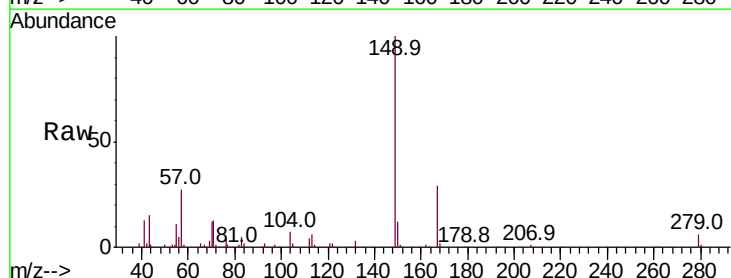
Tgt Ion:149 Resp: 224767

Ion Ratio Lower Upper

149 100

167 29.2 25.0 37.4

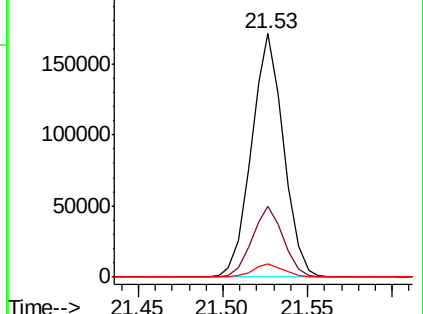
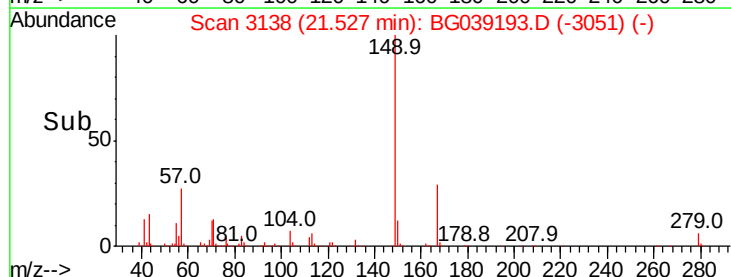
279 5.5 4.3 6.5

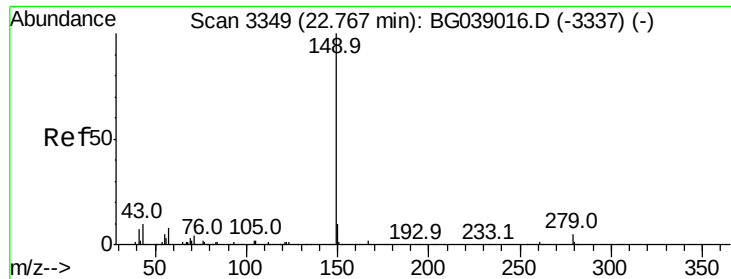


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.892 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.03 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

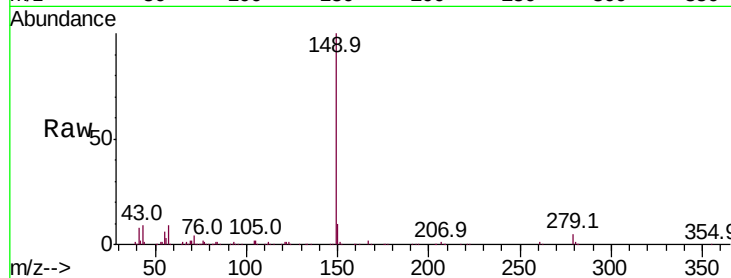
Tot Ion:149 Resp: 424751

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

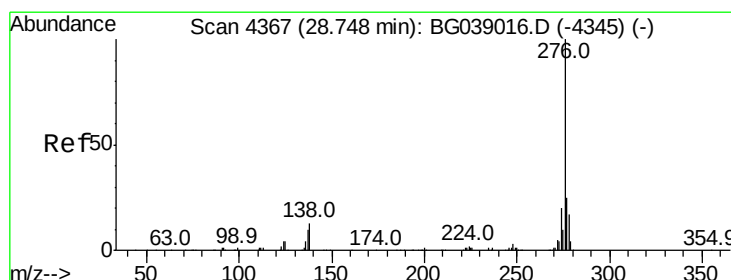
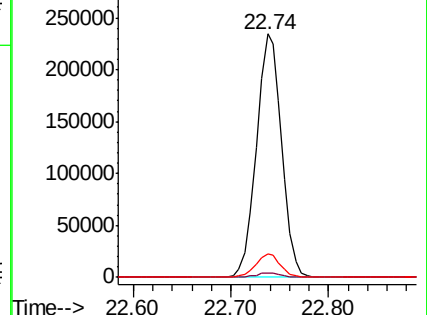
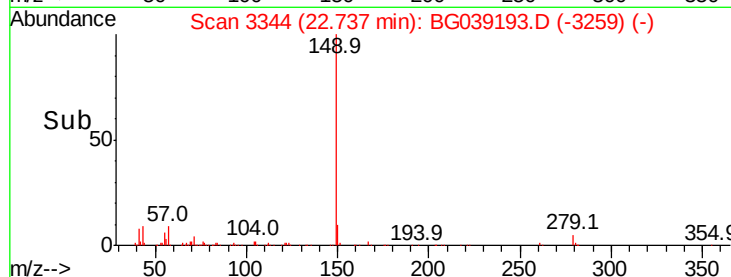
43 9.4 7.5 11.3



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: 44.823 ng

RT: 28.69 min Scan# 4357

Delta R.T. -0.06 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

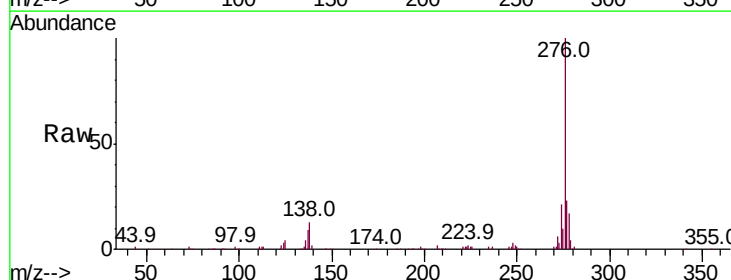
Tgt Ion:276 Resp: 493579

Ion Ratio Lower Upper

276 100

138 6.9 8.0 12.0#

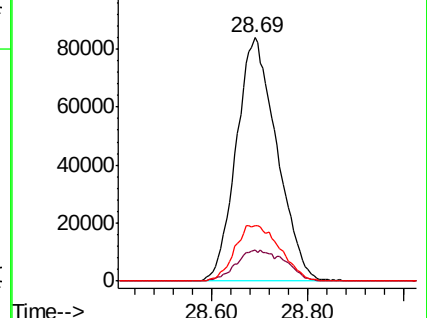
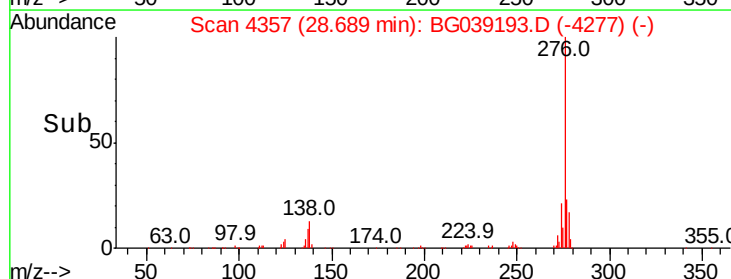
277 10.3 20.3 30.5#

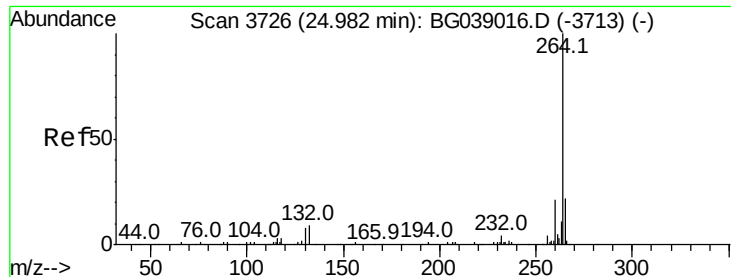


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.95 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

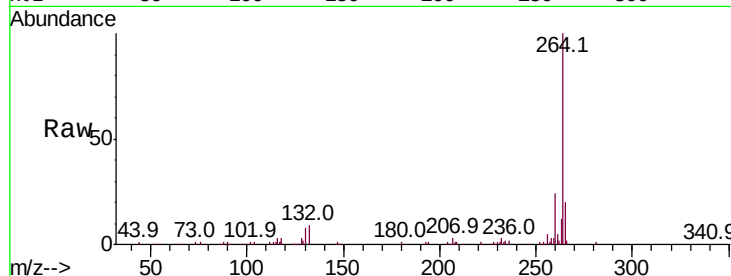
Tot Ion:264 Resp: 195122

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.0	25.6
265	20.2	17.2	25.8

264 100

260 23.8 17.0 25.6

265 20.2 17.2 25.8

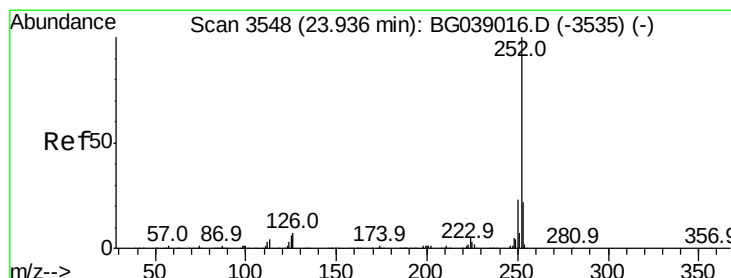
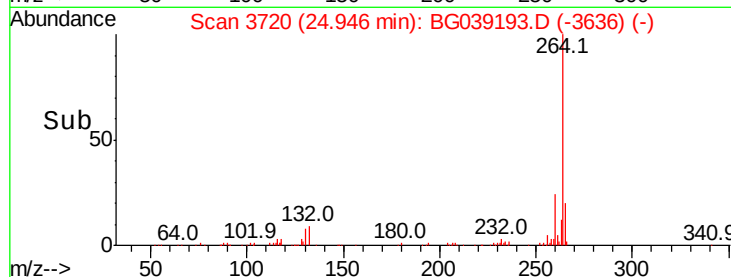
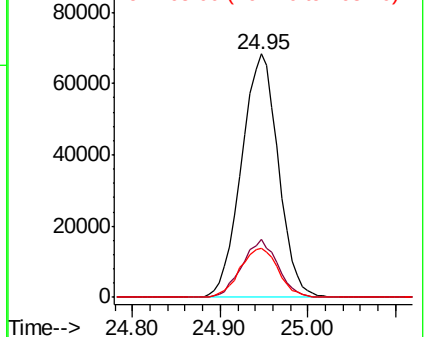


Abundance

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: 42.284 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.04 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

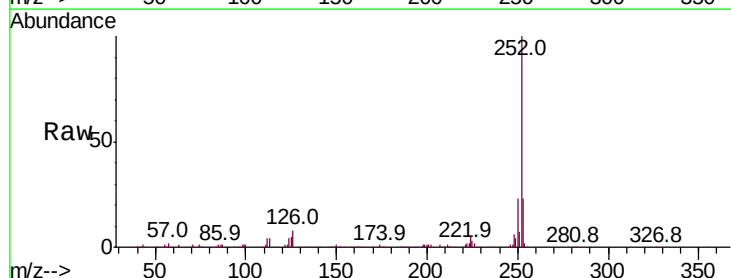
Tgt Ion:252 Resp: 454934

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	5.4	4.9	7.3

252 100

253 22.6 17.8 26.6

125 5.4 4.9 7.3

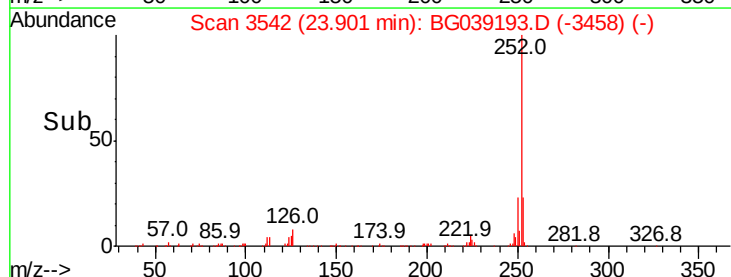
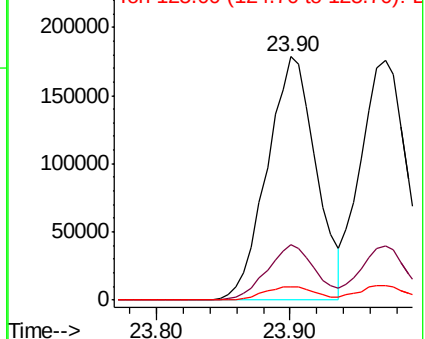


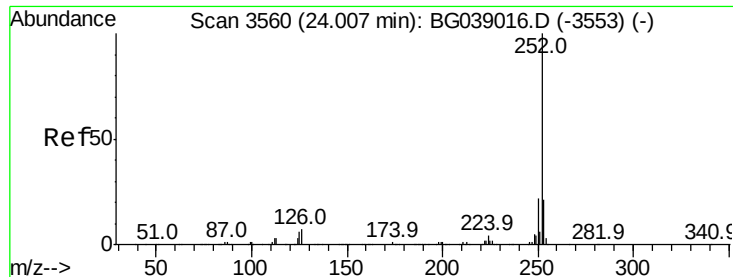
Abundance

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: 39.382 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.04 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

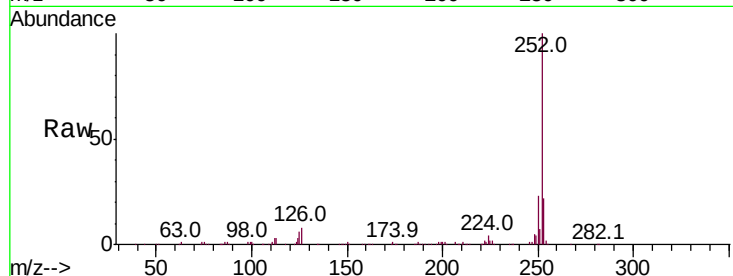
Tot Ion:252 Resp: 418935

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

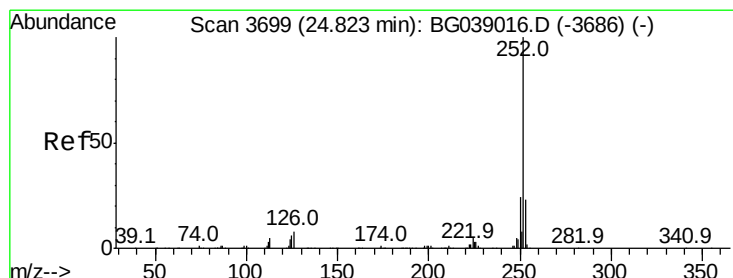
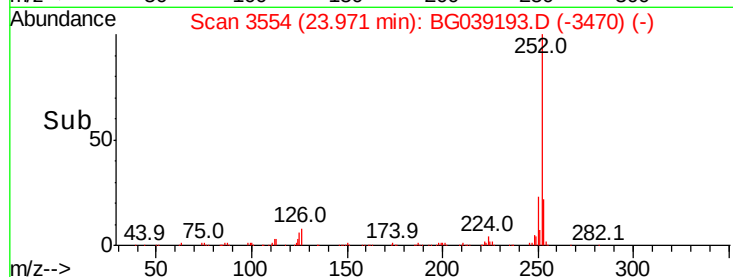
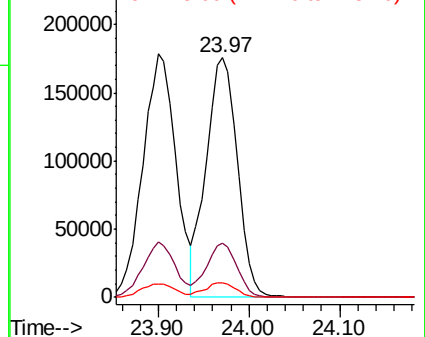
125 5.8 4.6 7.0



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: 46.838 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

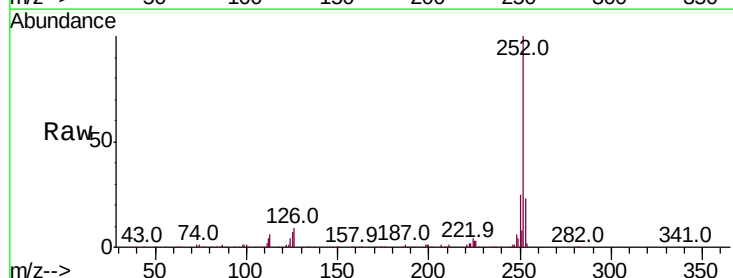
Tgt Ion:252 Resp: 487086

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

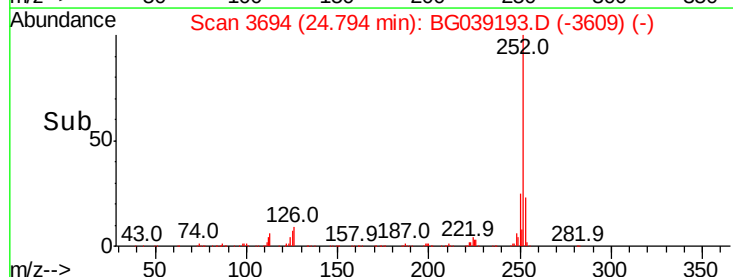
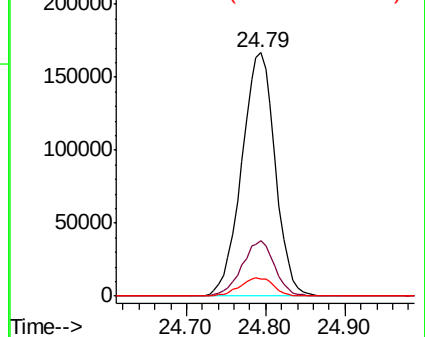
125 7.2 4.9 7.3

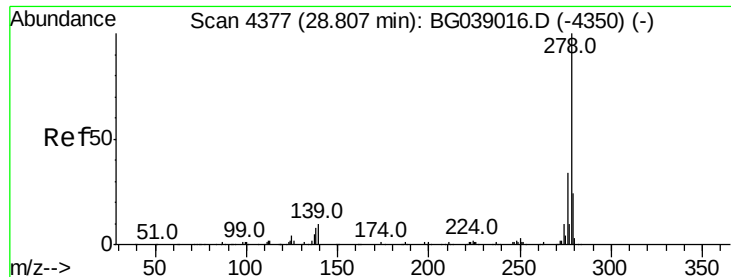


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.187 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

Instrument :

BNA_G

ClientSampleId :

PB116454BS

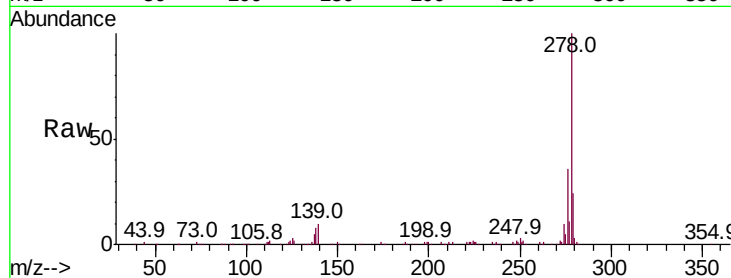
Tot Ion:278 Resp: 405347

Ion Ratio Lower Upper

278 100

139 9.7 7.9 11.9

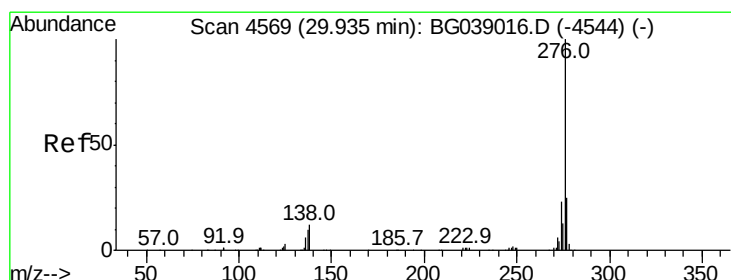
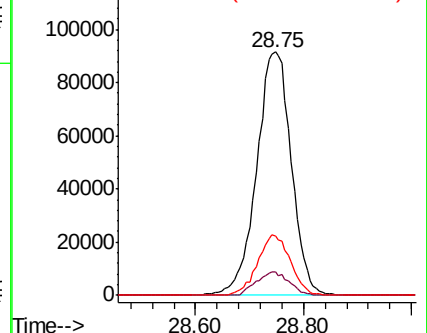
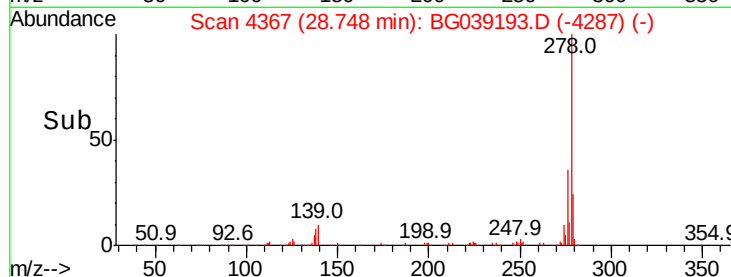
279 24.1 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.614 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.07 min

Lab File: BG039193.D

Acq: 17 Jan 2019 19:19

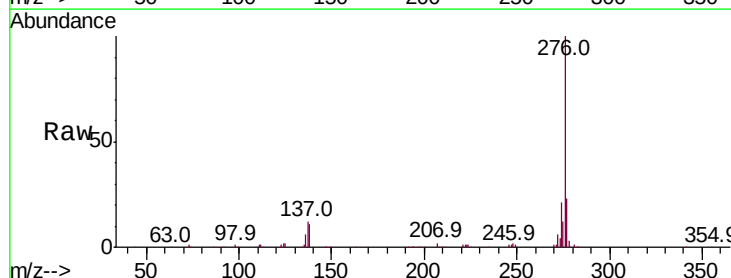
Tgt Ion:276 Resp: 405667

Ion Ratio Lower Upper

276 100

277 23.0 20.3 30.5

138 11.1 9.4 14.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

