

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
 Data File : BG039185.D
 Acq On : 17 Jan 2019 14:07
 Operator : JU/SJ
 Sample : PB116407BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Quant Time: Jan 18 04:10:42 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	26055	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	103067	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	73547	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	201539	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	235047	20.00	ng	-0.02
87) Perylene-d12	24.94	264	256578	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	193973	141.23	ng	-0.01
7) Phenol-d6	7.18	99	256864	129.95	ng	-0.01
23) Nitrobenzene-d5	9.19	82	159153	84.50	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	171025	138.72	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	400509	74.53	ng	-0.01
79) Terphenyl-d14	20.01	244	972276	76.52	ng	-0.01

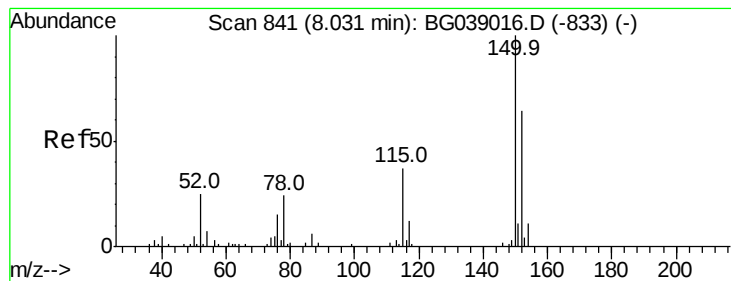
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	16683	31.017	ng	98
3) Pyridine	3.85	79	42077	28.790	ng	95
4) n-Nitrosodimethylamine	3.77	42	29485	44.833	ng	93
6) Aniline	7.35	93	71658	30.186	ng	96
8) 2-Chlorophenol	7.58	128	61973	38.277	ng	93
9) Benzaldehyde	7.16	77	15964	14.004	ng	99
10) Phenol	7.21	94	77852	39.285	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	52618	34.740	ng	98
12) 1,3-Dichlorobenzene	7.90	146	66951	34.514	ng	99
13) 1,4-Dichlorobenzene	8.05	146	75656	38.509	ng	99
14) 1,2-Dichlorobenzene	8.37	146	68122	36.367	ng	94
15) Benzyl Alcohol	8.26	79	58729	39.453	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	110412	38.016	ng	99
17) 2-Methylphenol	8.46	107	53045	38.548	ng	98
18) Hexachloroethane	9.09	117	27378	41.019	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	46873	36.111	ng	93
20) 3+4-Methylphenols	8.79	107	79259	40.399	ng	96
22) Acetophenone	8.85	105	97086	36.070	ng	96
24) Nitrobenzene	9.24	77	75211	39.505	ng	97

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41) Hexachlorocyclopentadiene	12.81	237	110340	71.579	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	67593	38.882	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	73501	40.004	nq	97
46) 1,1'-Biphenyl	13.49	154	210164	36.063	nq	98
47) 2-Chloronaphthalene	13.54	162	171585	36.384	nq	99
48) 2-Nitroaniline	13.75	65	53592	40.564	nq	99
49) Acenaphthylene	14.39	152	274571	38.736	nq	98
50) Dimethylphthalate	14.11	163	237592	38.228	nq	100
51) 2,6-Dinitrotoluene	14.25	165	56078	40.358	nq	96
52) Acenaphthene	14.72	154	160936	37.789	nq	94
53) 3-Nitroaniline	14.58	138	46019	32.647	nq	98
54) 2,4-Dinitrophenol	14.79	184	74083	88.557	nq	94
55) Dibenzofuran	15.06	168	276436	36.752	nq	98
56) 4-Nitrophenol	14.89	139	91542	90.257	nq	95
57) 2,4-Dinitrotoluene	15.03	165	78278	39.266	nq	# 97
58) Fluorene	15.70	166	234187	41.364	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	73139	42.170	nq	98
60) Diethylphthalate	15.46	149	283221	44.230	nq	100
61) 4-Chlorophenyl-phenylether	15.69	204	128070	35.905	nq	95
62) 4-Nitroaniline	15.75	138	55106	37.527	nq	95
63) Azobenzene	15.98	77	192742	38.490	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	57738	38.669	nq	99
66) n-Nitrosodiphenylamine	15.91	169	225896	37.809	nq	100
67) 4-Bromophenyl-phenylether	16.58	248	103132	39.809	nq	98
68) Hexachlorobenzene	16.70	284	103525	36.621	nq	97
69) Atrazine	16.85	200	93797	36.955	nq	97
70) Pentachlorophenol	17.05	266	115367	67.063	nq	96
71) Phenanthrene	17.45	178	469421	44.066	nq	99
72) Anthracene	17.54	178	461533	43.819	nq	99
73) Carbazole	17.82	167	414684	39.882	nq	100
74) Di-n-butylphthalate	18.35	149	468715	40.521	nq	99
75) Fluoranthene	19.46	202	604898	45.805	nq	99
77) Benzidine	19.64	184	208509	29.003	nq	97
78) Pyrene	19.82	202	599624	40.030	nq	98
80) Butylbenzylphthalate	20.69	149	249911	43.866	nq	100
81) Benzo(a)anthracene	21.66	228	591322	41.327	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	167843	28.790	nq	100
83) Chrysene	21.					



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.02 min

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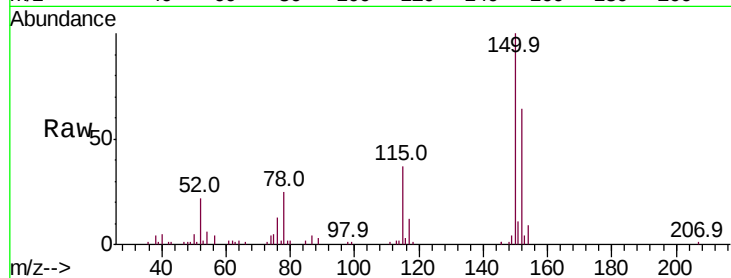
Tot Ion:152 Resp: 26055

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

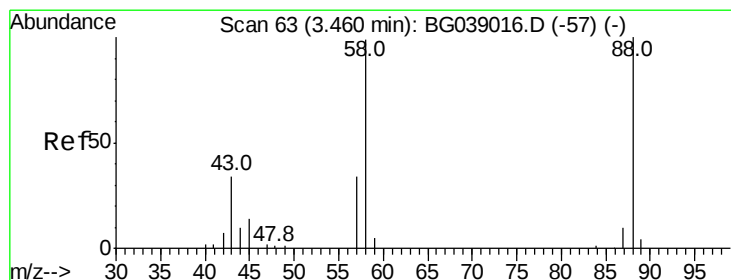
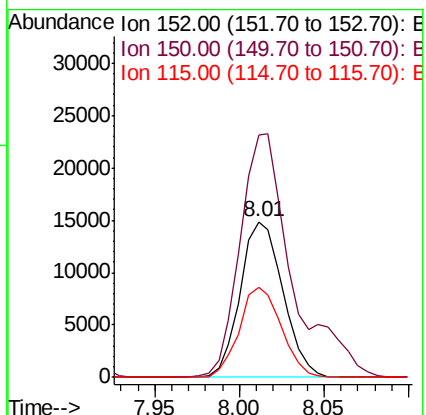
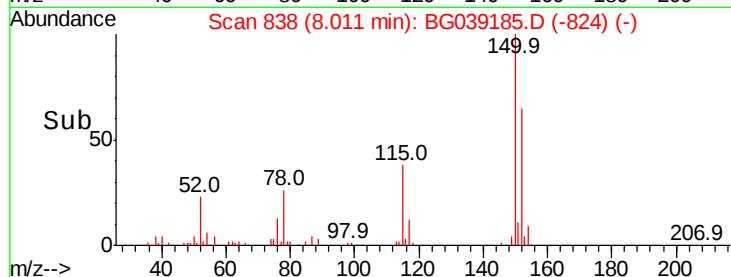
115 58.0 46.5 69.7



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: 31.017 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

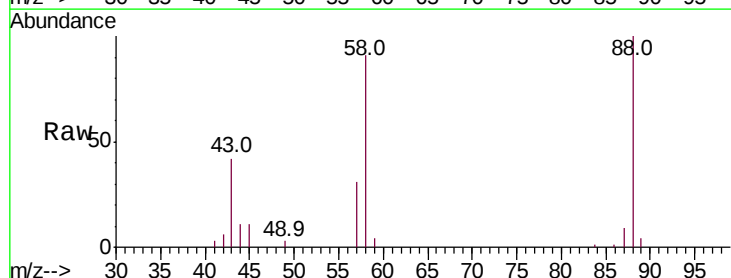
Tgt Ion: 88 Resp: 16683

Ion Ratio Lower Upper

88 100

58 91.7 72.4 108.6

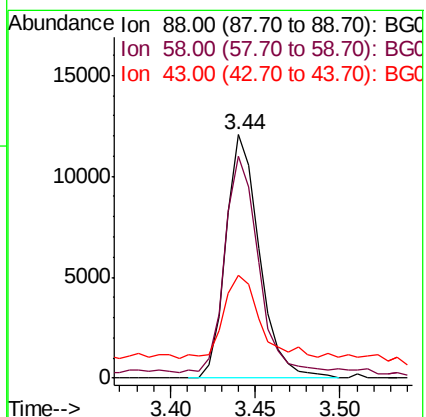
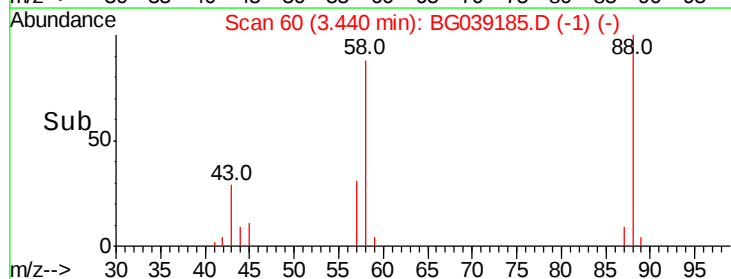
43 37.2 27.6 41.4

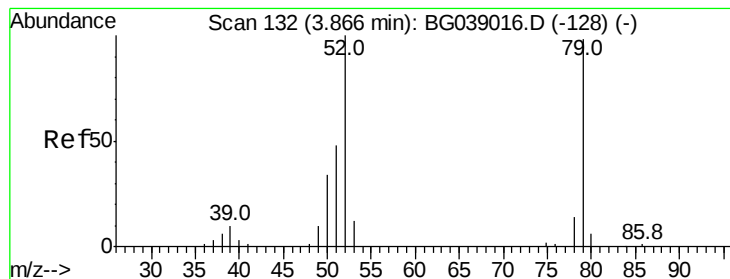


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.790 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

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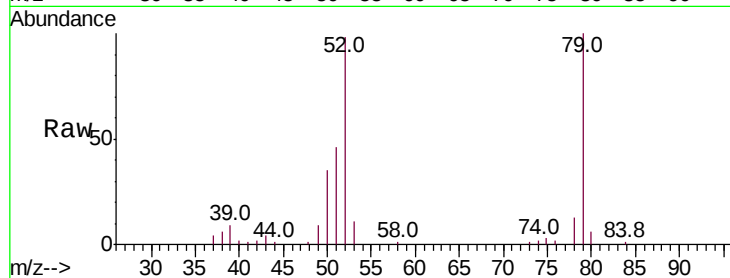
Tot Ion: 79 Resp: 42077

Ion Ratio Lower Upper

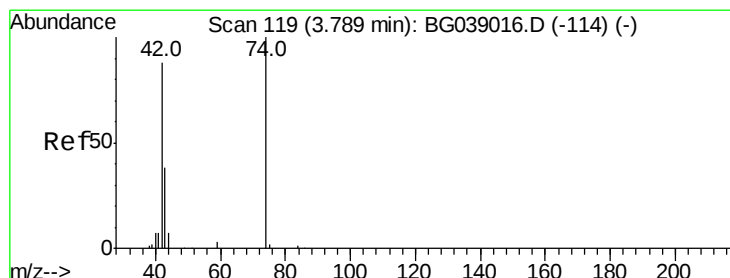
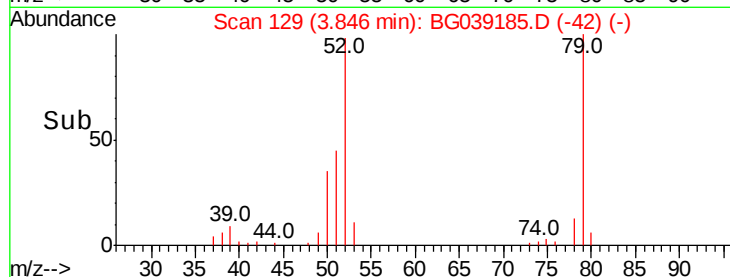
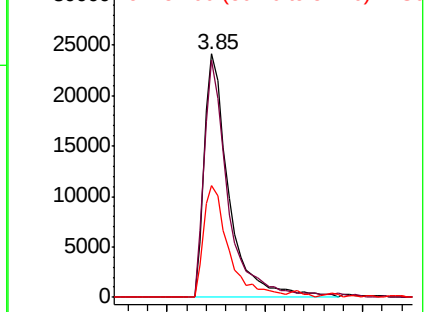
79 100

52 97.5 81.5 122.3

51 45.7 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 44.833 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

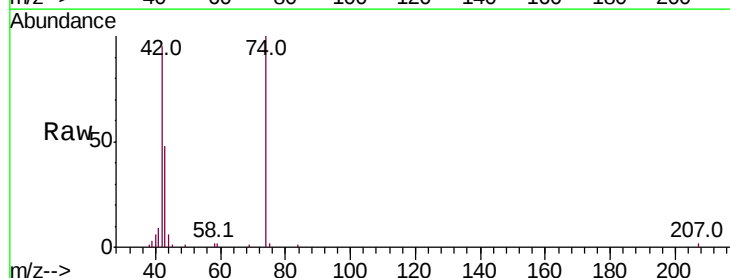
Tgt Ion: 42 Resp: 29485

Ion Ratio Lower Upper

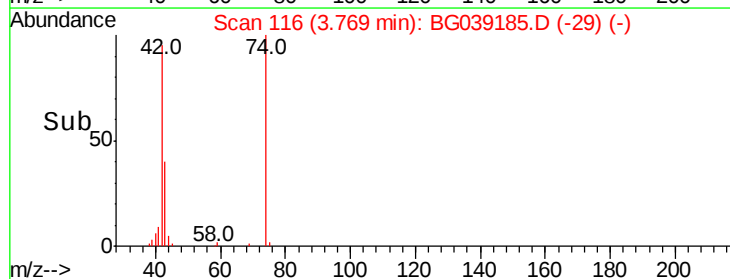
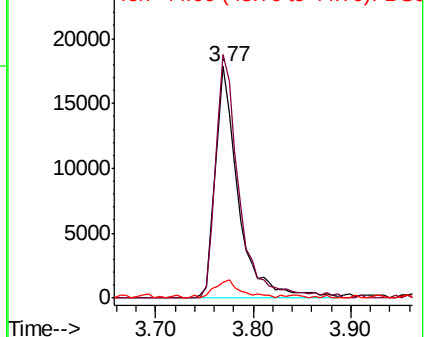
42 100

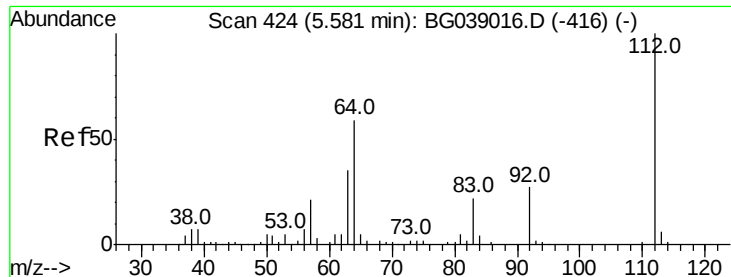
74 105.2 90.7 136.1

44 6.8 6.5 9.7



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





#5

2-Fluorophenol

Concen: 141.226 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

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ClientSampleId :

PB116407BS

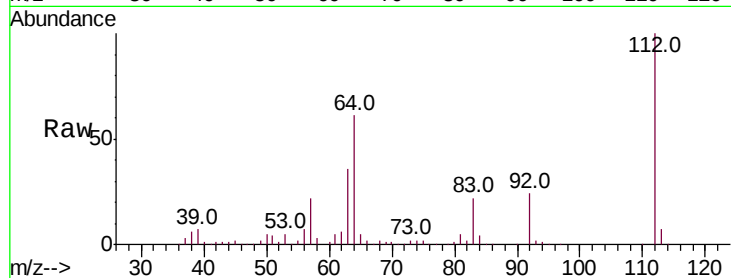
Tot Ion:112 Resp: 193973

Ion Ratio Lower Upper

112 100

64 60.5 47.0 70.6

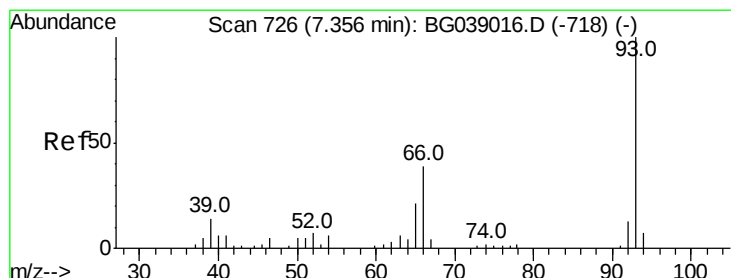
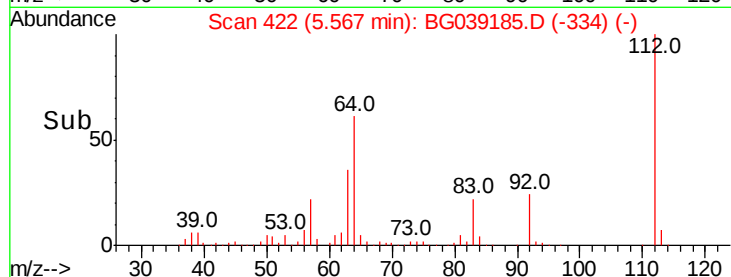
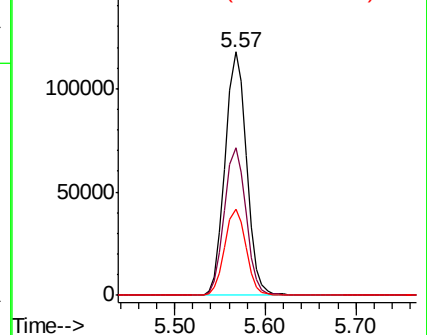
63 35.6 28.0 42.0



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: 30.186 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

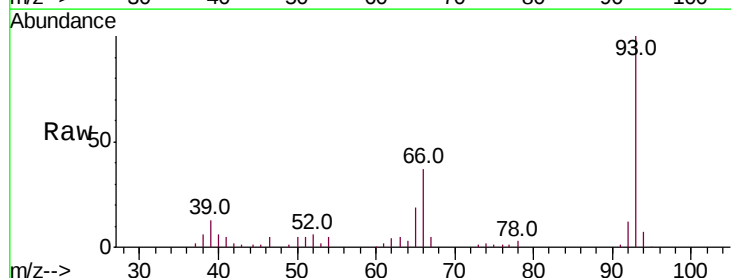
Tgt Ion: 93 Resp: 71658

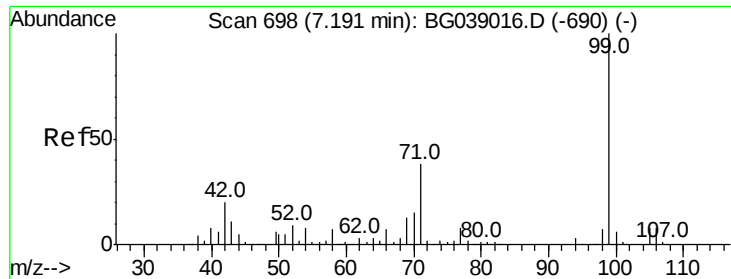
Ion Ratio Lower Upper

93 100

66 36.6 30.9 46.3

65 19.3 17.0 25.4





#7

Phenol-d6

Concen: 129.950 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

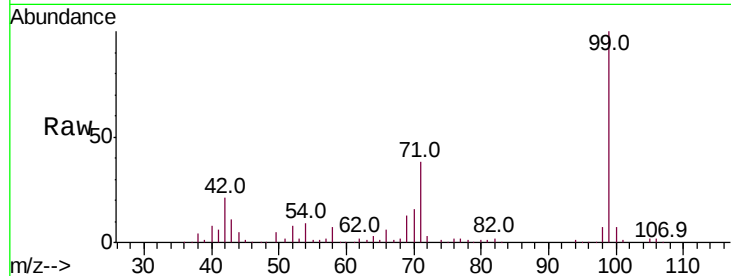
Tot Ion: 99 Resp: 256864

Ion Ratio Lower Upper

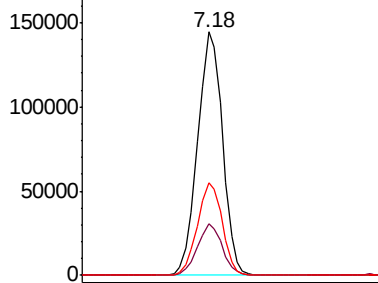
99 100

42 21.0 15.8 23.6

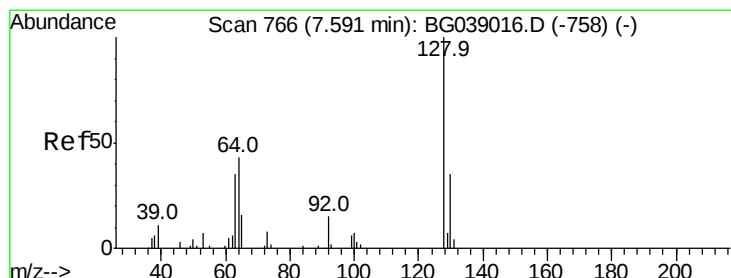
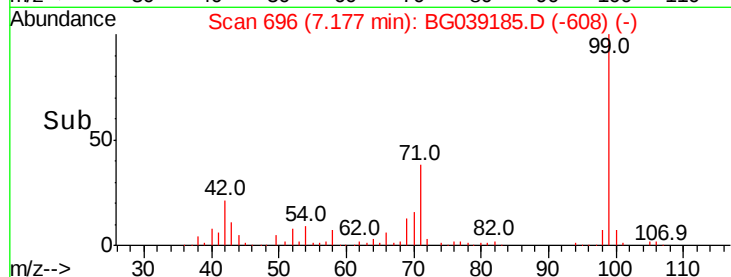
71 37.9 30.2 45.4



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



Time-->



#8

2-Chlorophenol

Concen: 38.277 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

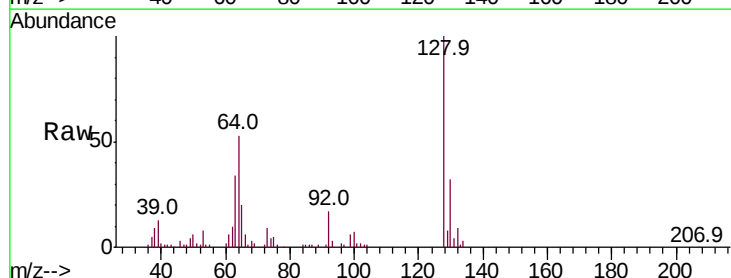
Tgt Ion:128 Resp: 61973

Ion Ratio Lower Upper

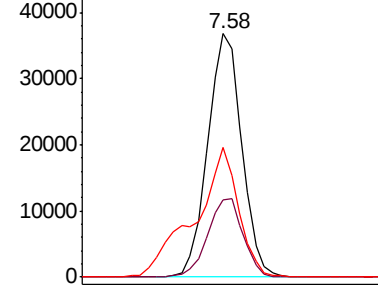
128 100

130 31.6 14.5 54.5

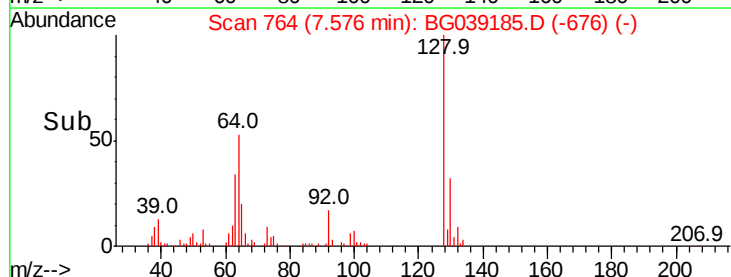
64 53.1 27.3 67.3

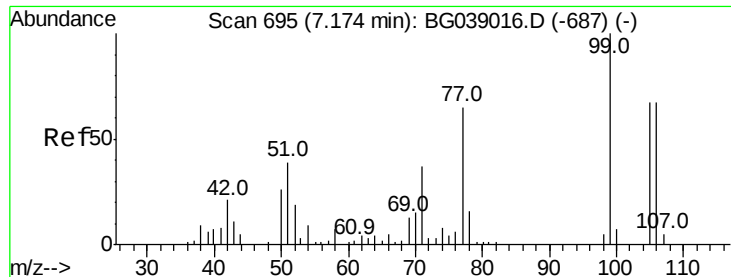


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 14.004 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039185.D

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Instrument :

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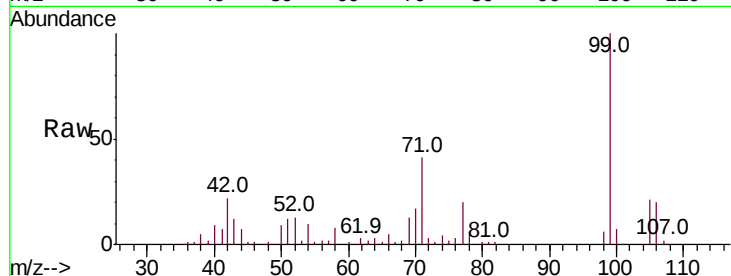
Tot Ion: 77 Resp: 15964

Ion Ratio Lower Upper

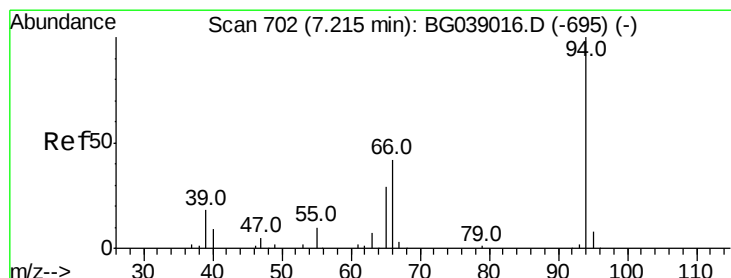
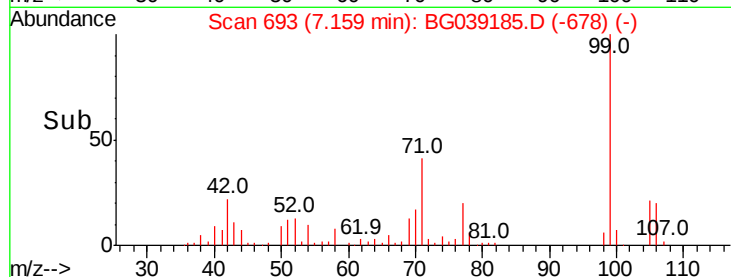
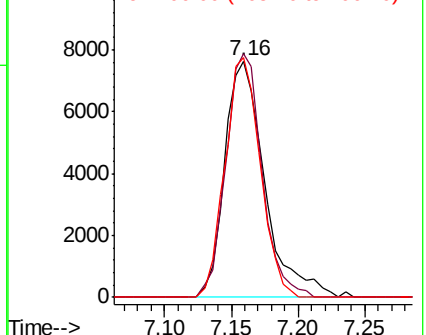
77 100

105 103.1 82.4 122.4

106 101.4 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: 39.285 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

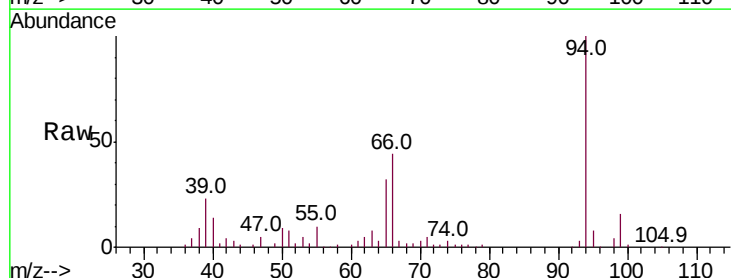
Tgt Ion: 94 Resp: 77852

Ion Ratio Lower Upper

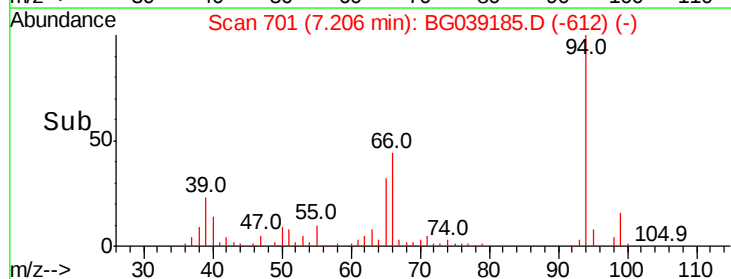
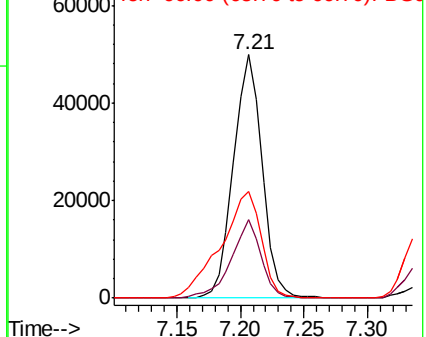
94 100

65 32.3 10.3 50.3

66 43.6 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: 34.740 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG039185.D

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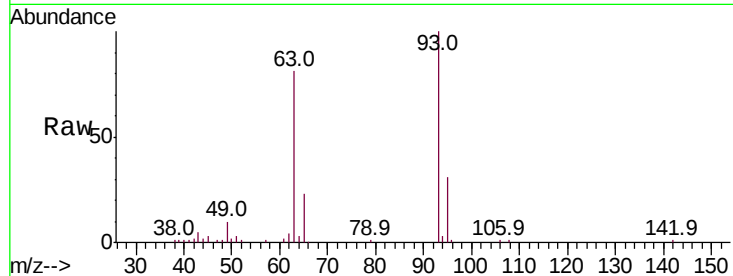
Tot Ion: 93 Resp: 52618

Ion Ratio Lower Upper

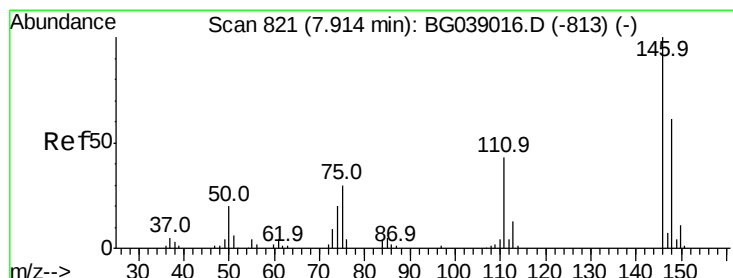
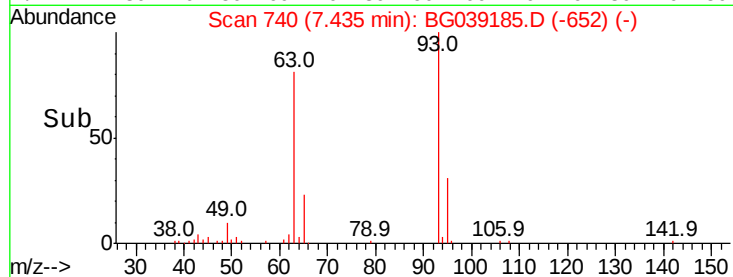
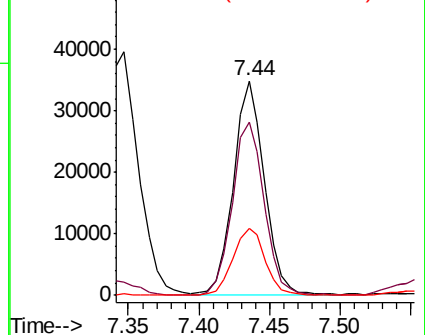
93 100

63 80.9 63.2 103.2

95 31.0 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 34.514 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

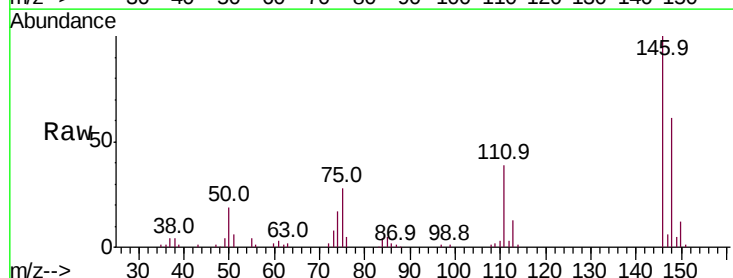
Tgt Ion: 146 Resp: 66951

Ion Ratio Lower Upper

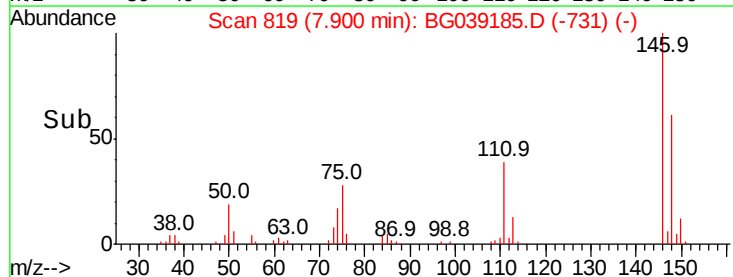
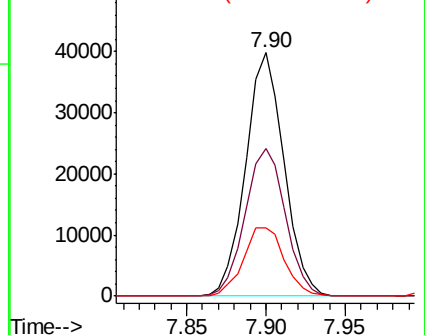
146 100

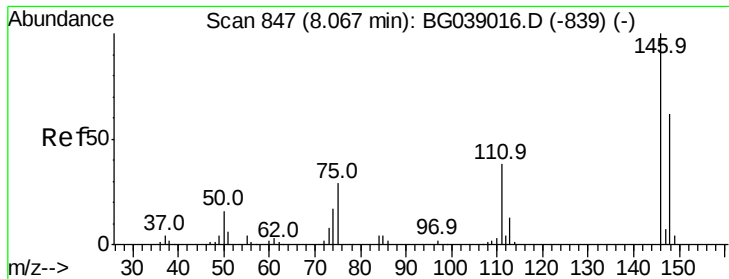
148 60.9 49.1 73.7

75 28.3 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

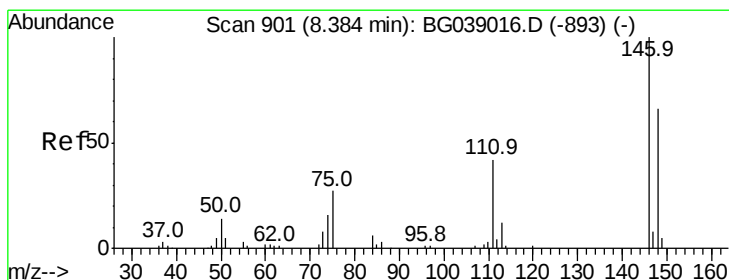
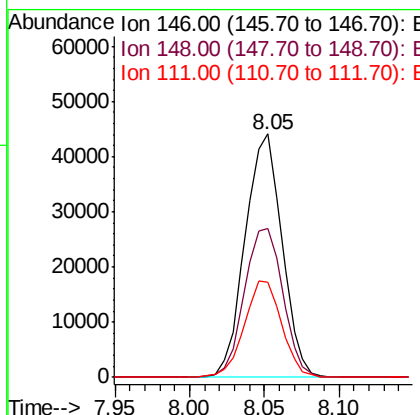
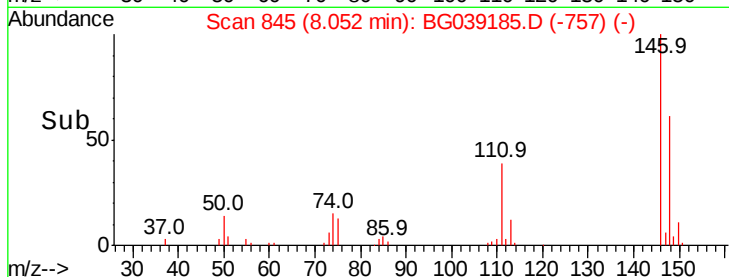
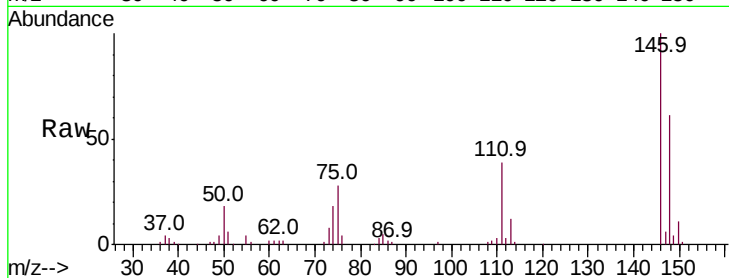




#13
 1,4-Dichlorobenzene
 Concen: 38.509 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

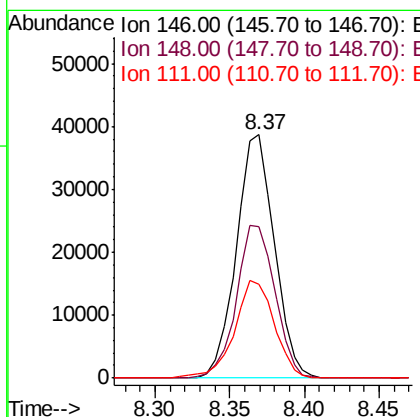
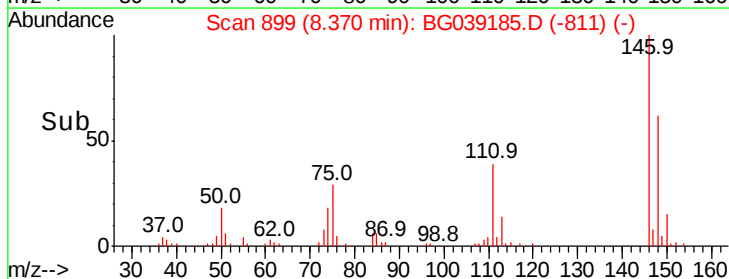
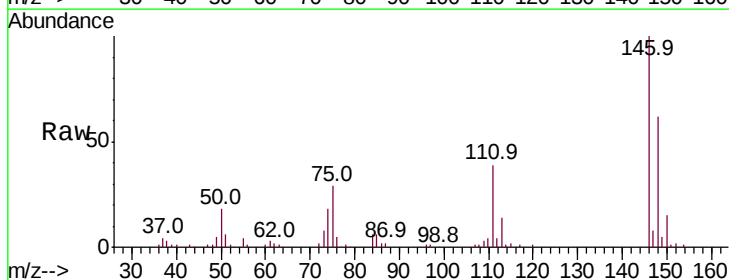
Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

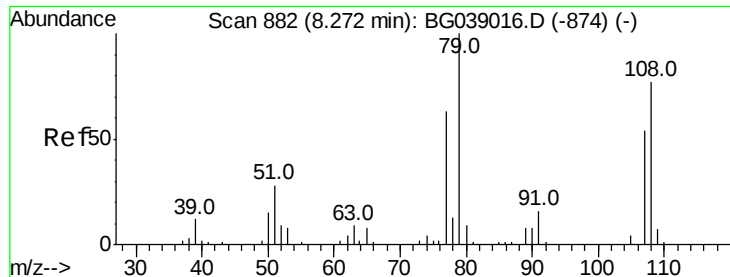
Tot Ion:146 Resp: 75656
 Ion Ratio Lower Upper
 146 100
 148 61.3 49.8 74.6
 111 38.9 30.6 45.8



#14
 1,2-Dichlorobenzene
 Concen: 36.367 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion:146 Resp: 68122
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.6 79.0
 111 38.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.453 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

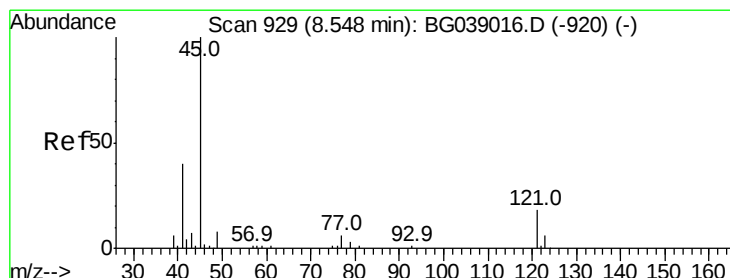
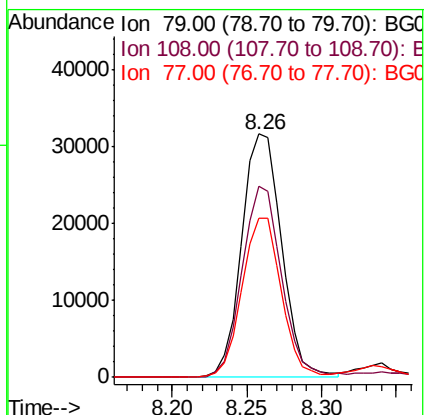
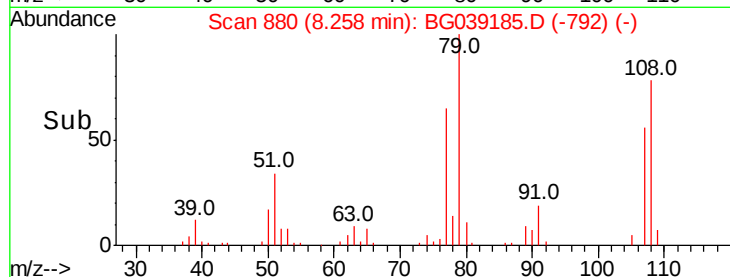
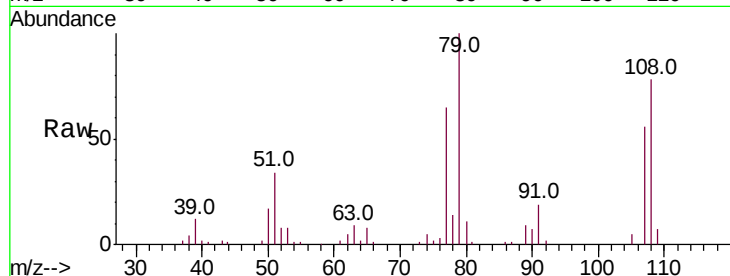
Tot Ion: 79 Resp: 58729

Ion Ratio Lower Upper

79 100

108 78.5 62.0 93.0

77 65.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.016 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

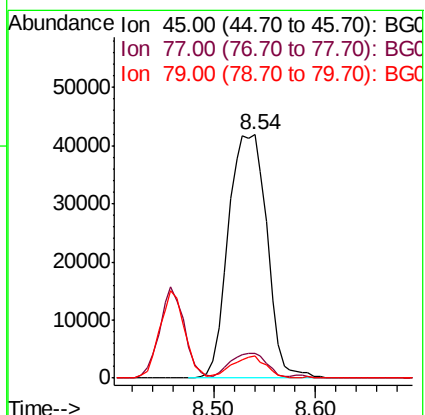
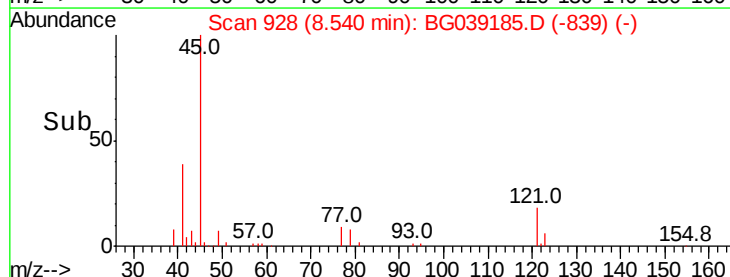
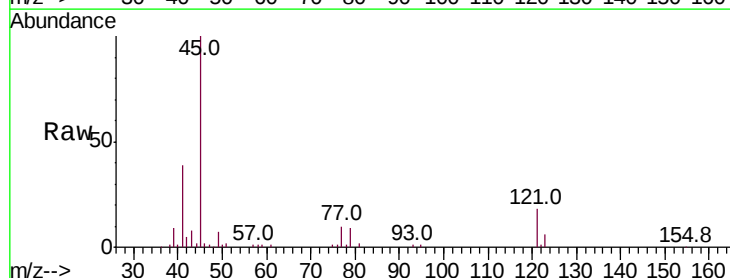
Tgt Ion: 45 Resp: 110412

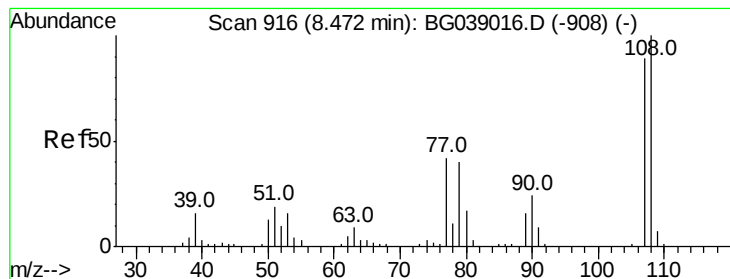
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.7

79 8.9 0.0 28.5





#17

2-Methylphenol

Concen: 38.548 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

Tot Ion:107 Resp: 53045

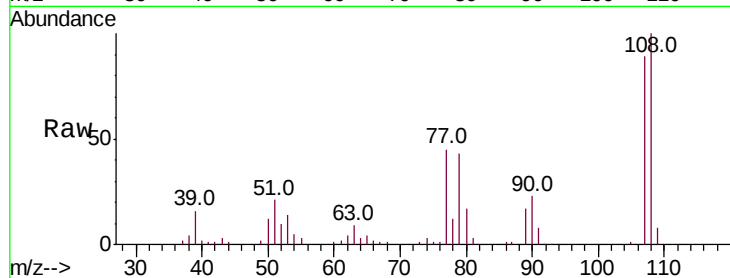
Ion Ratio Lower Upper

107 100

108 112.9 90.3 135.5

77 50.7 38.3 57.5

79 49.0 35.8 53.6

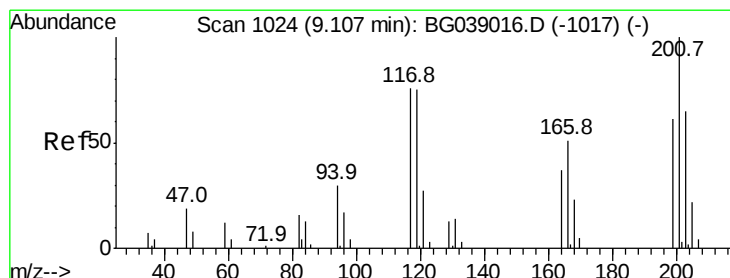
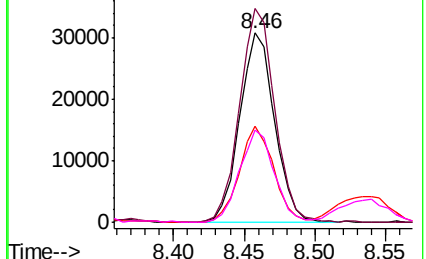
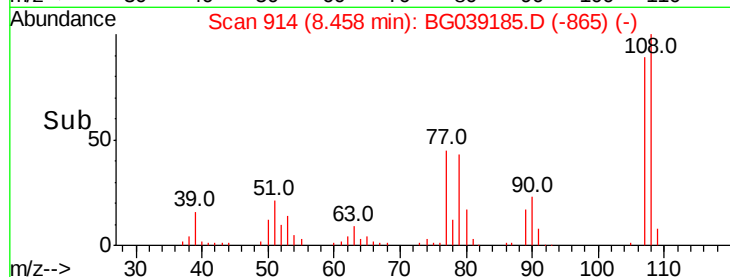


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.019 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

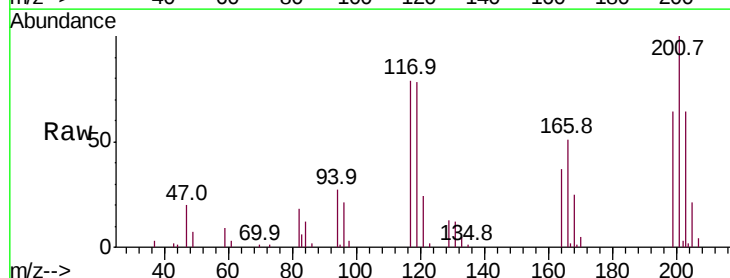
Tgt Ion:117 Resp: 27378

Ion Ratio Lower Upper

117 100

119 98.9 78.7 118.1

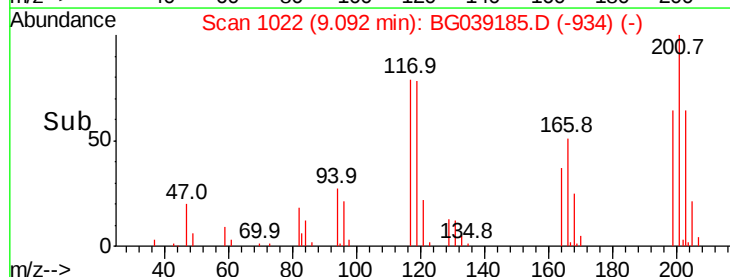
201 126.7 108.1 162.1

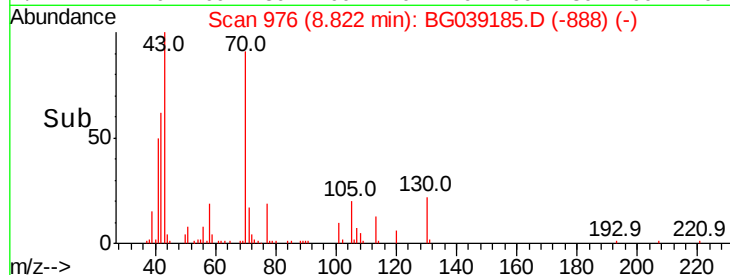
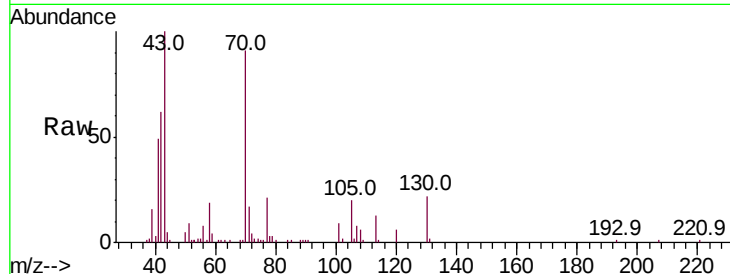
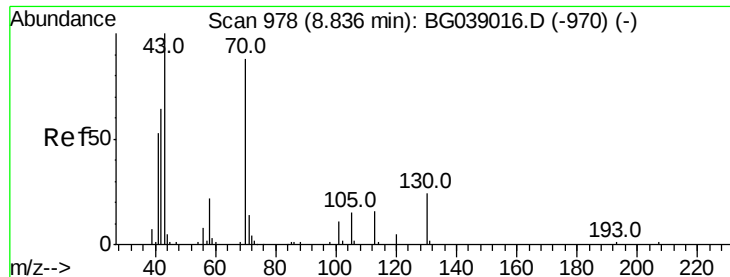


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

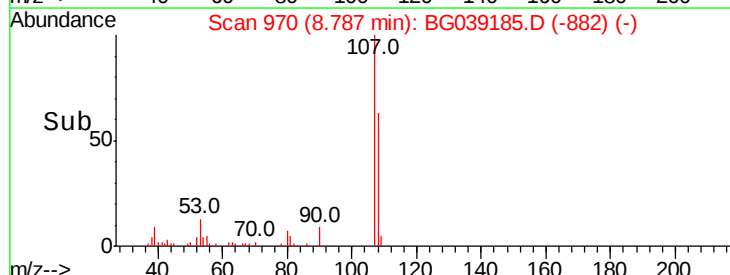
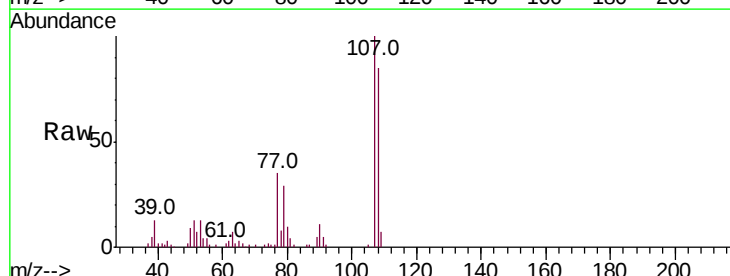
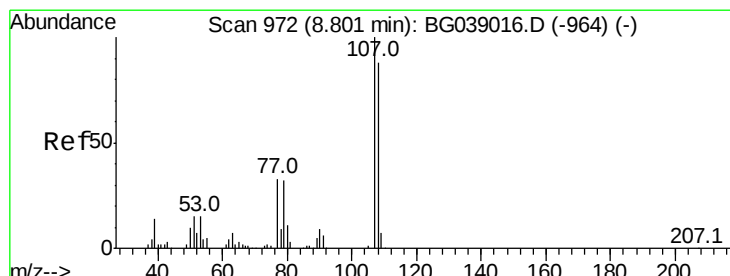
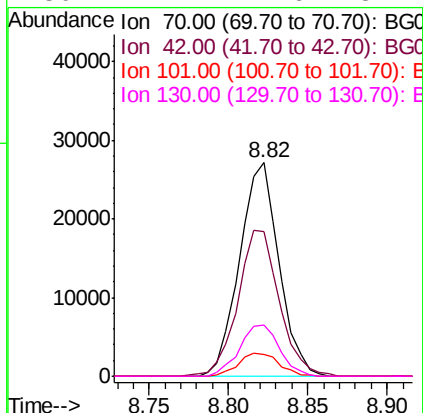




#19
n-Nitroso-di-n-propylamine
Concen: 36.111 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

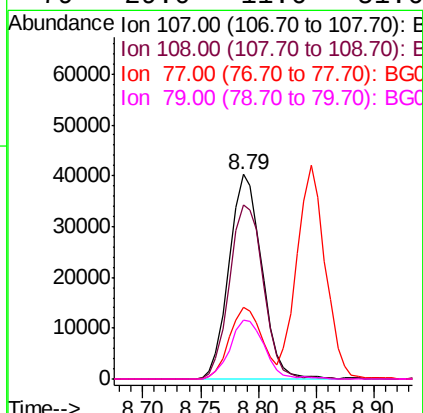
Instrument :
BNA_G
ClientSampleId :
PB116407BS

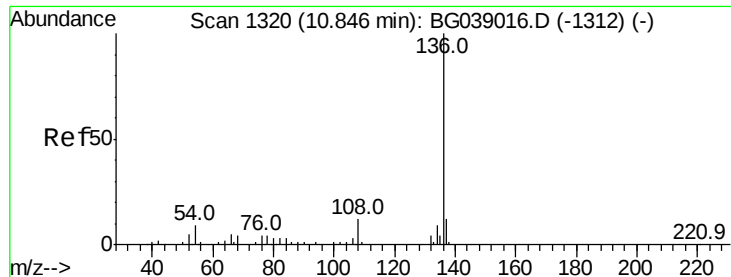
Tot Ion:	70	Resp:	46873
Ion Ratio	Lower	Upper	
70	100		
42	67.8	59.0	88.4
101	10.4	10.4	15.6
130	24.2	21.6	32.4



#20
3+4-Methylphenols
Concen: 40.399 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:	107	Resp:	79259
Ion Ratio	Lower	Upper	
107	100		
108	85.3	68.4	108.4
77	35.2	13.3	53.3
79	29.0	11.6	51.6

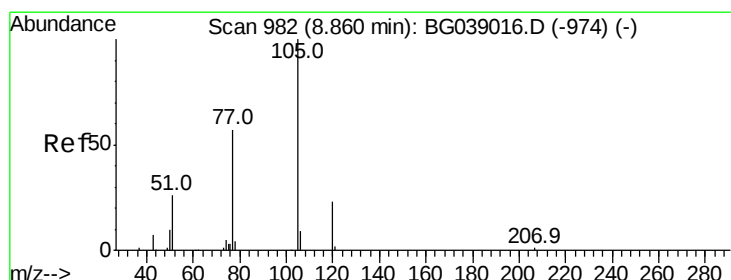
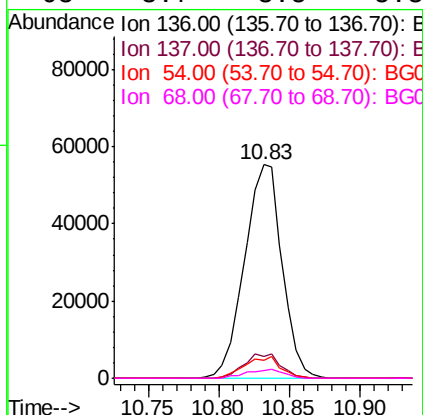
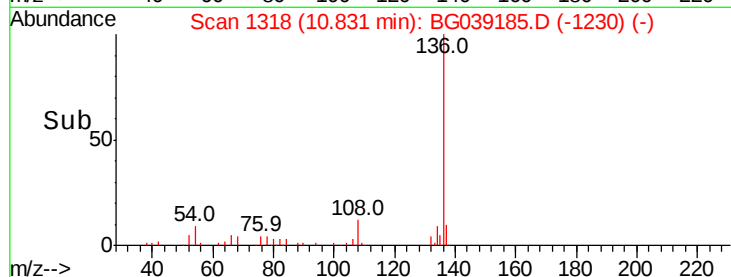
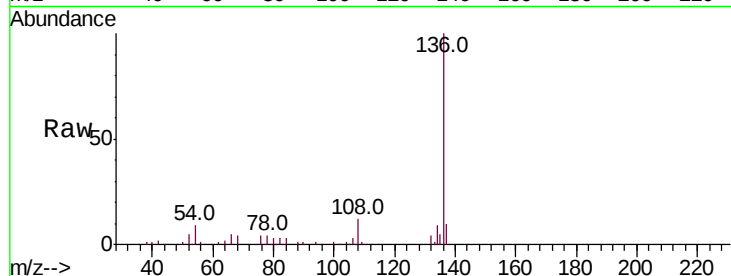




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

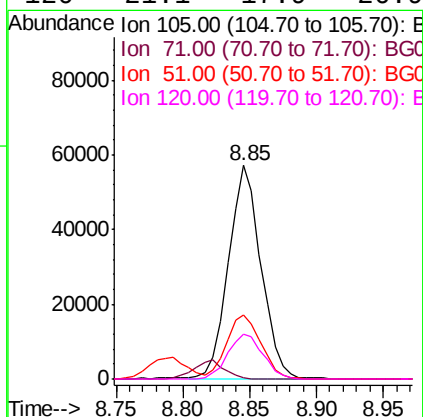
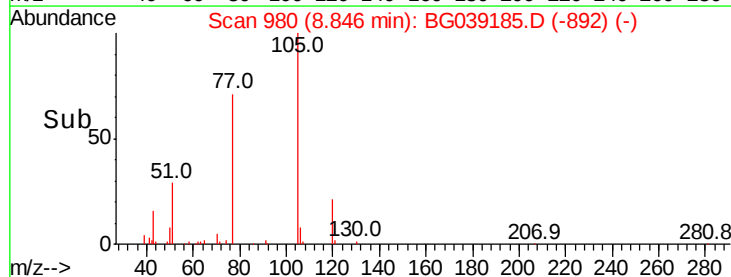
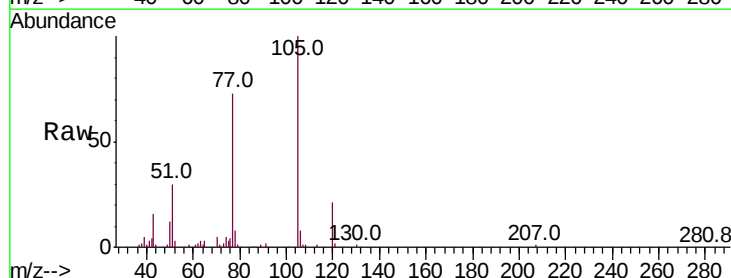
Instrument :
BNA_G
ClientSampleId :
PB116407BS

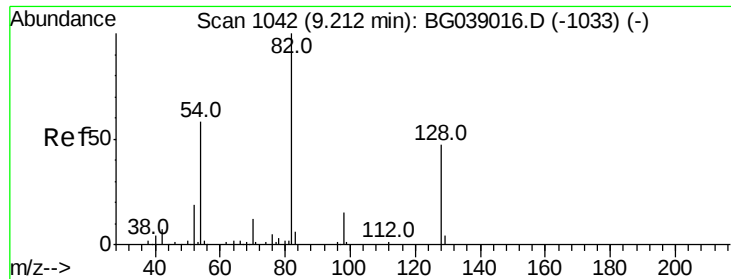
Tot Ion:136	Resp:	103067
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.4 14.2
54	8.6	7.2 10.8
68	3.7	3.5 5.3



#22
Acetophenone
Concen: 36.070 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:105	Resp:	97086
Ion Ratio	Lower	Upper
105	100	
71	0.8	0.6 1.0
51	30.2	26.6 39.8
120	21.1	17.9 26.9

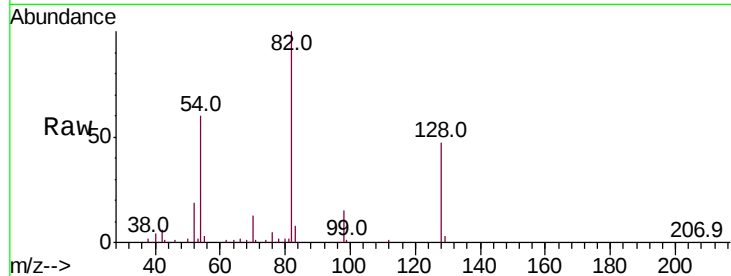




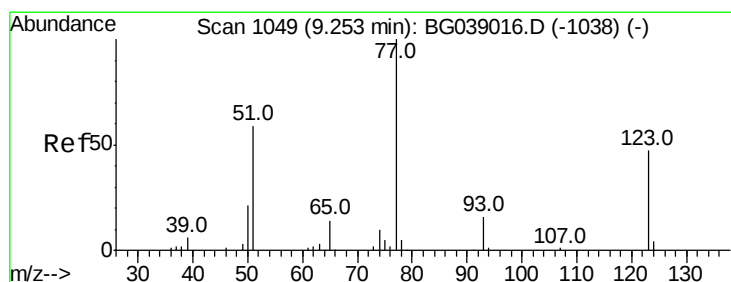
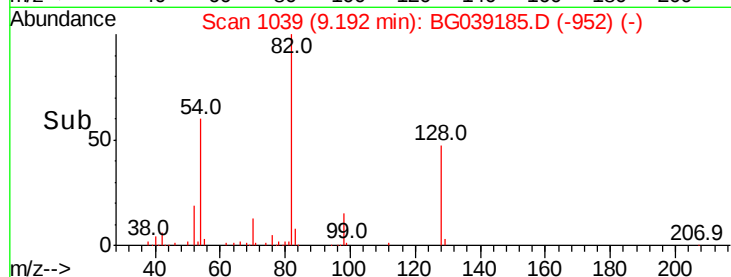
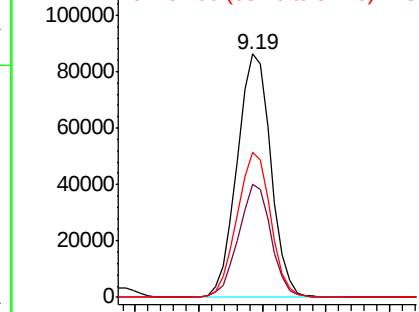
#23
Nitrobenzene-d5
Concen: 84.496 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion: 82 Resp: 159153
Ion Ratio Lower Upper
82 100
128 46.6 37.3 55.9
54 59.6 46.4 69.6

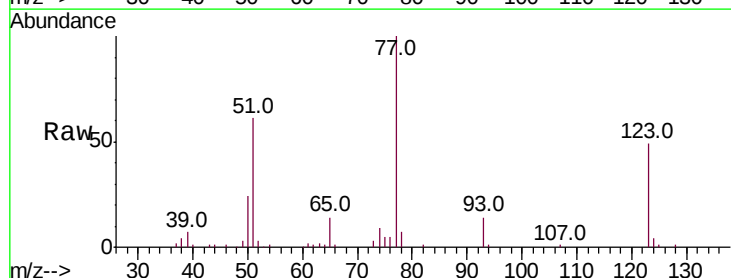


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

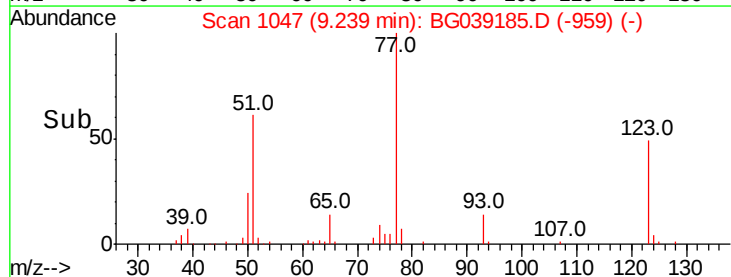
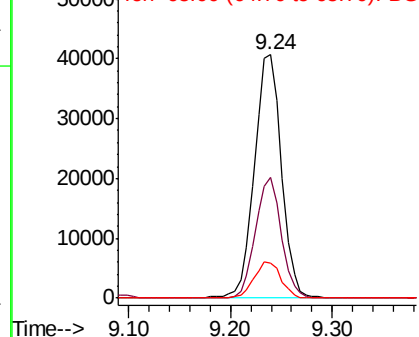


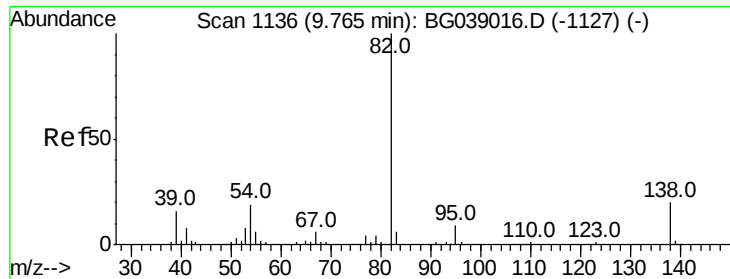
#24
Nitrobenzene
Concen: 39.505 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion: 77 Resp: 75211
Ion Ratio Lower Upper
77 100
123 49.4 37.6 56.4
65 14.2 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: 47.265 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

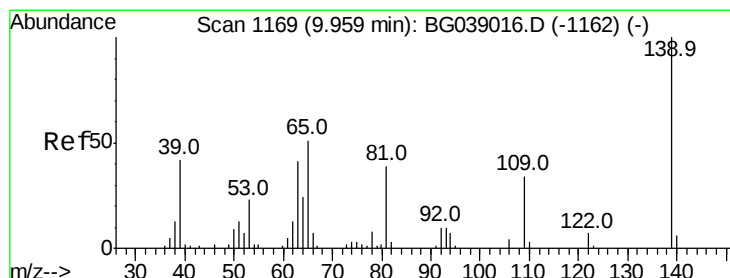
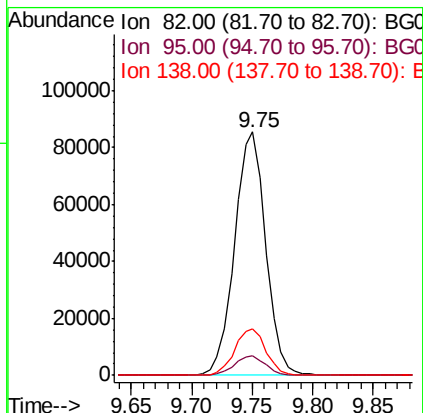
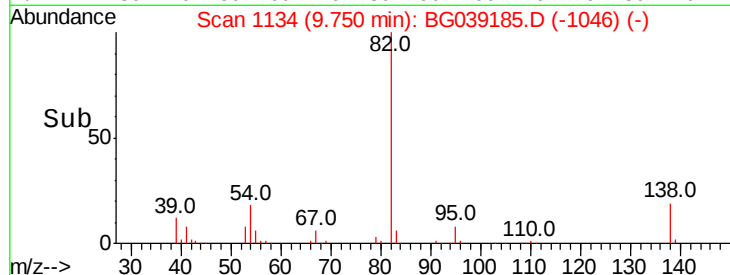
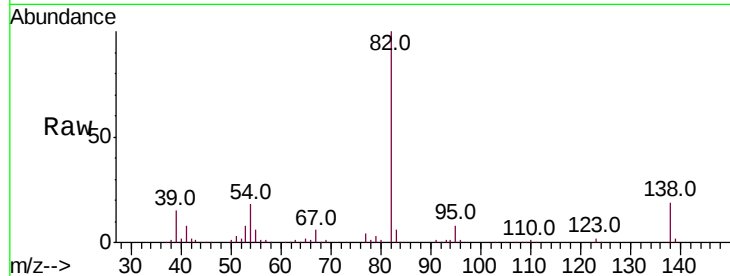
Tot Ion: 82 Resp: 153353

Ion Ratio Lower Upper

82 100

95 7.9 7.0 10.6

138 19.2 16.2 24.4



#26

2-Nitrophenol

Concen: 39.372 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

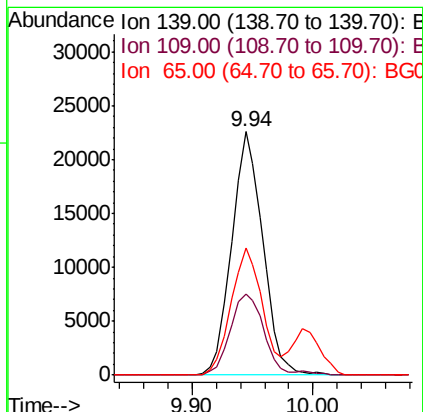
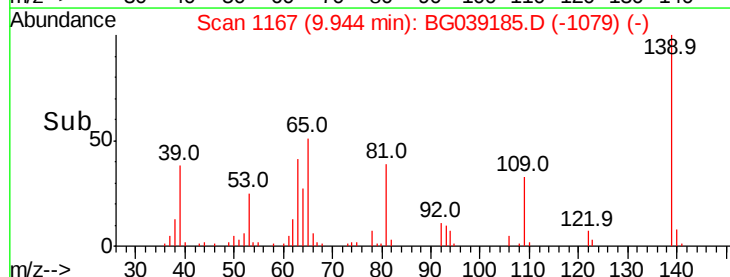
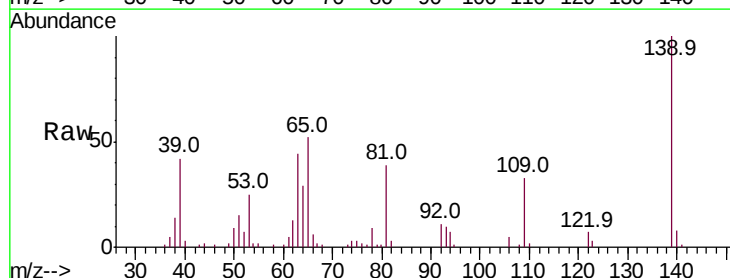
Tgt Ion: 139 Resp: 40544

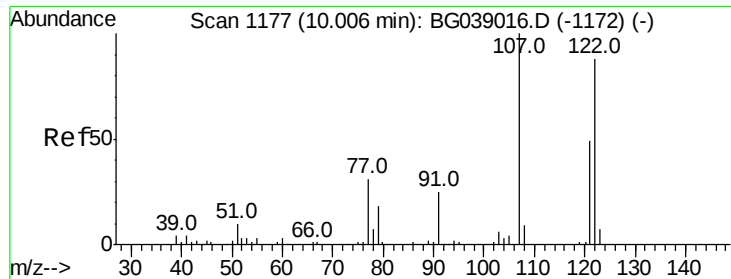
Ion Ratio Lower Upper

139 100

109 33.0 27.3 40.9

65 52.2 40.6 61.0

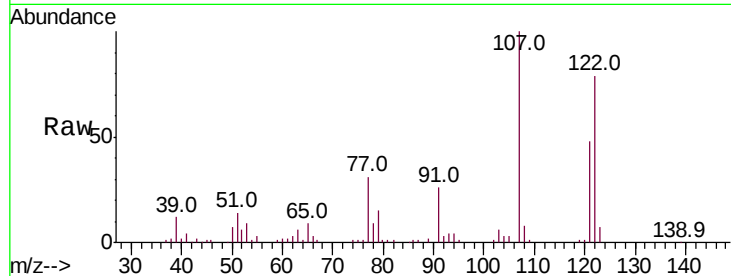




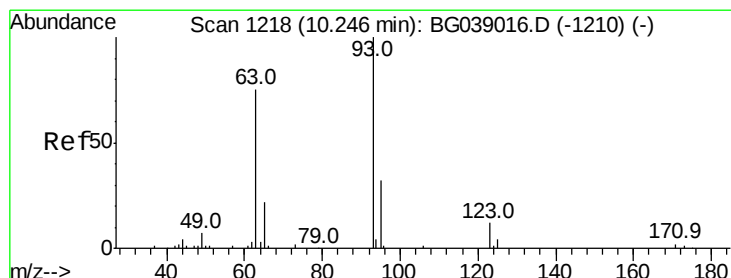
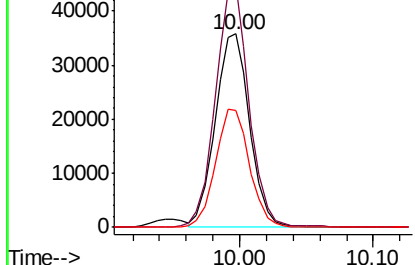
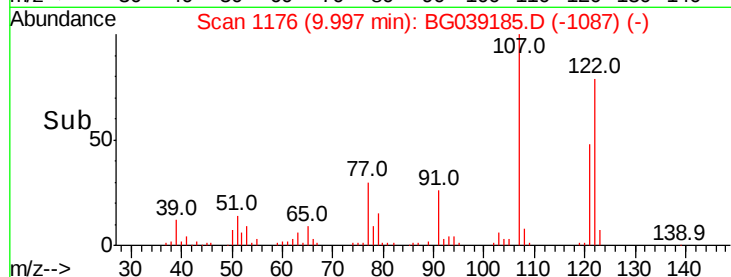
#27
 2,4-Dimethylphenol
 Concen: 44.508 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Tot Ion:122 Resp: 64482
 Ion Ratio Lower Upper
 122 100
 107 126.0 88.8 133.2
 121 60.8 43.1 64.7

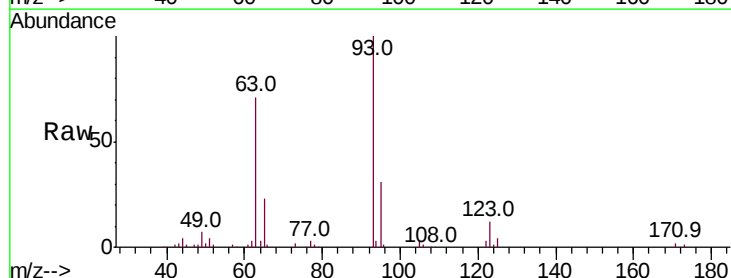


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

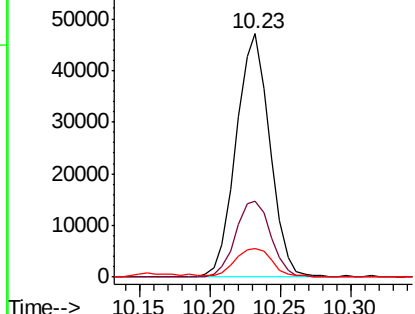
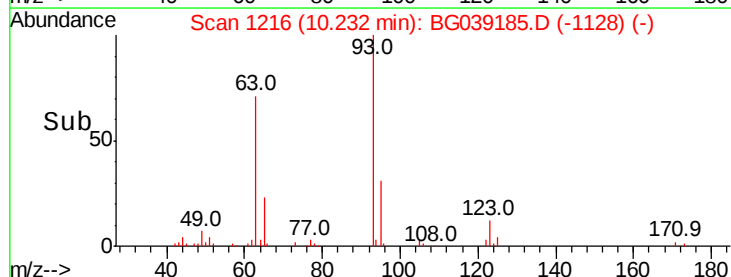


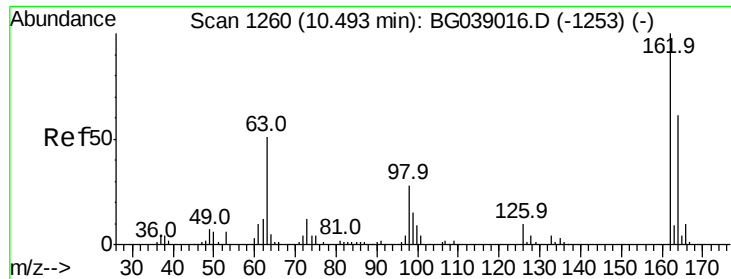
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.414 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion: 93 Resp: 78806
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.6 38.4
 123 12.0 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

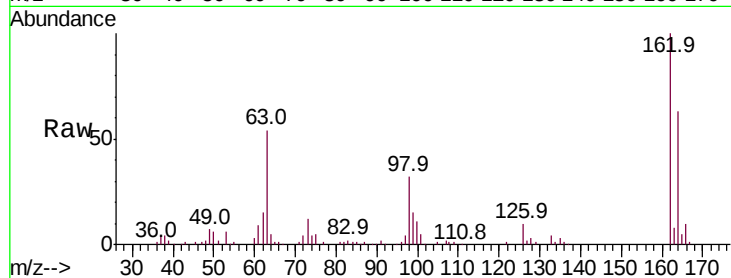




#29
 2,4-Dichlorophenol
 Concen: 44.893 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	41.3	81.3
98	32.0	8.3	48.3

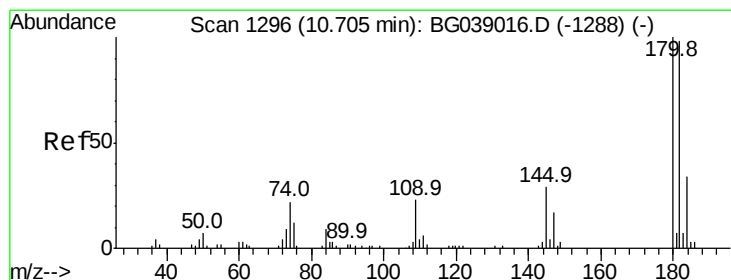
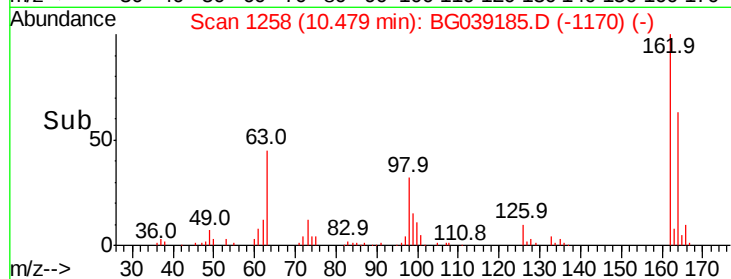
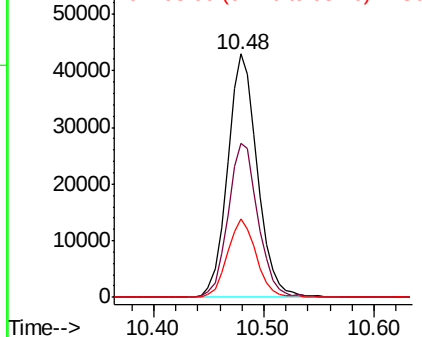


Abundance

Ion 162.00 (161.70 to 162.70): E

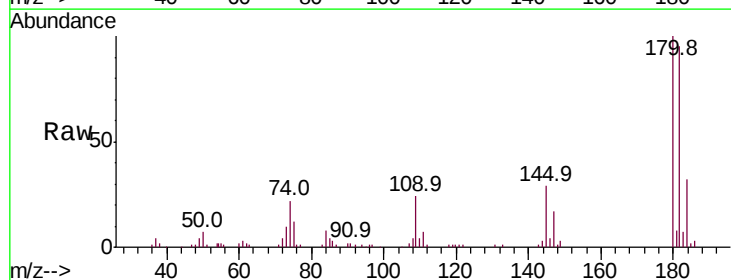
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 37.688 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.1	117.1
145	28.9	23.1	34.7

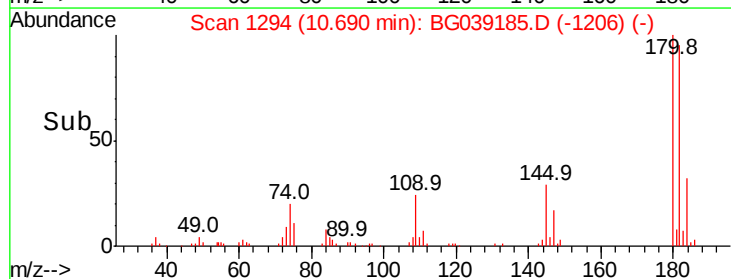
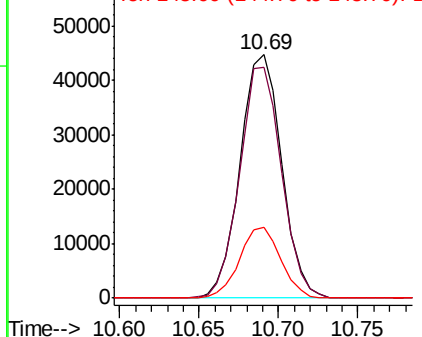


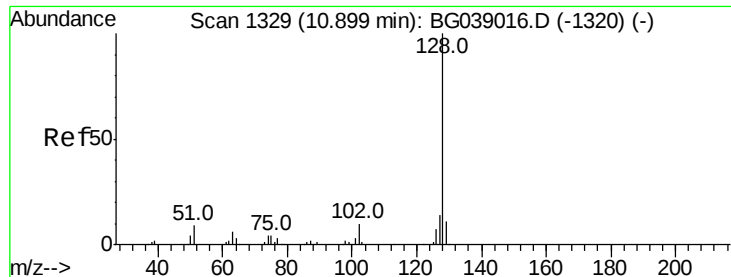
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

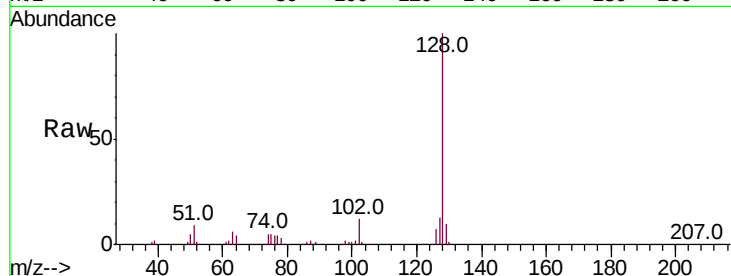




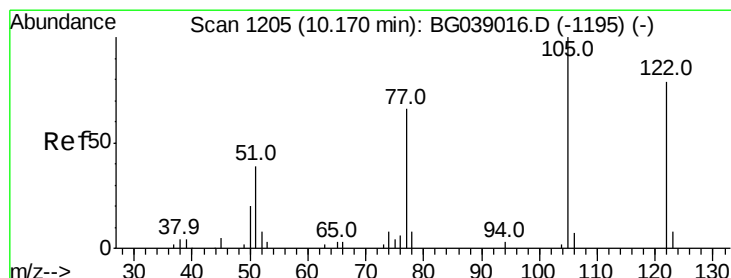
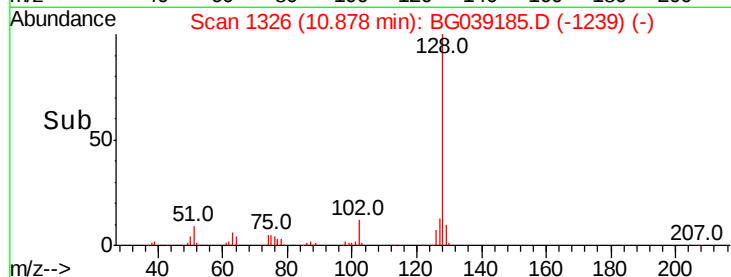
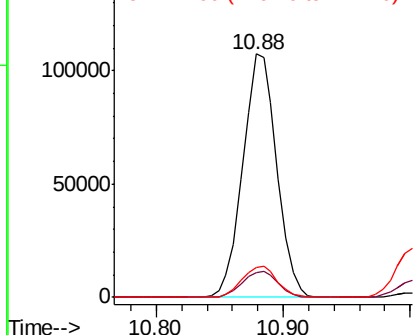
#31
Naphthalene
Concen: 38.489 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion:128 Resp: 198961
Ion Ratio Lower Upper
128 100
129 10.3 9.1 13.7
127 12.5 11.2 16.8

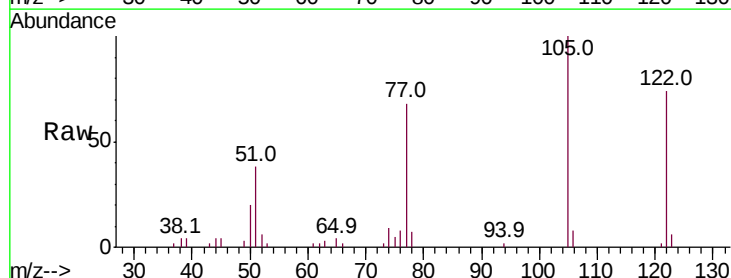


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

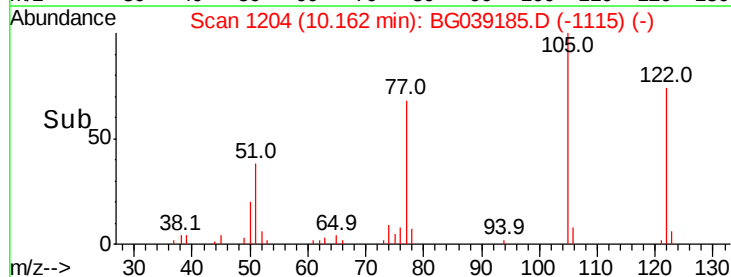
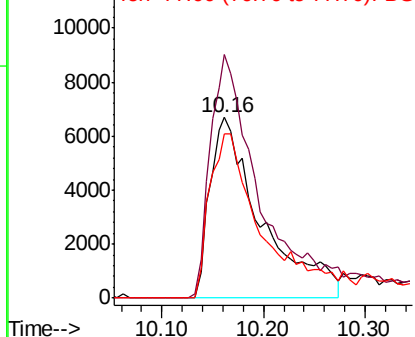


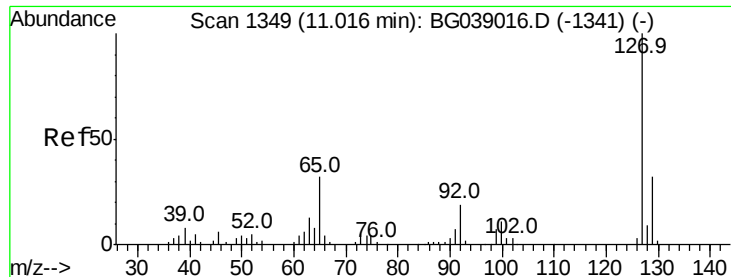
#32
Benzoic acid
Concen: 30.656 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:122 Resp: 23529
Ion Ratio Lower Upper
122 100
105 134.8 106.4 146.4
77 91.1 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): BGO

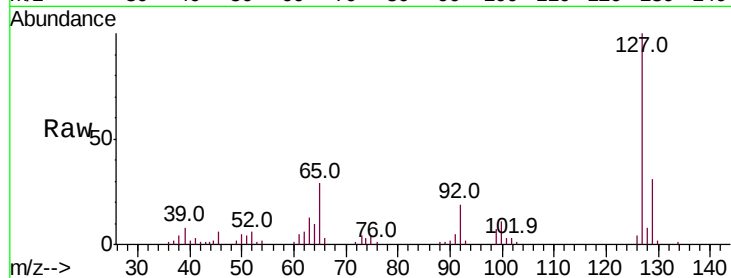




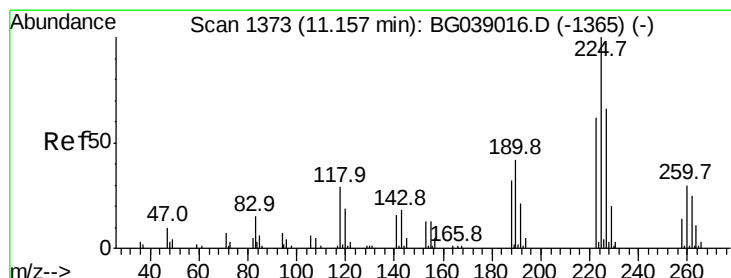
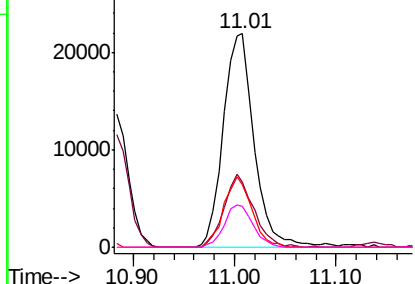
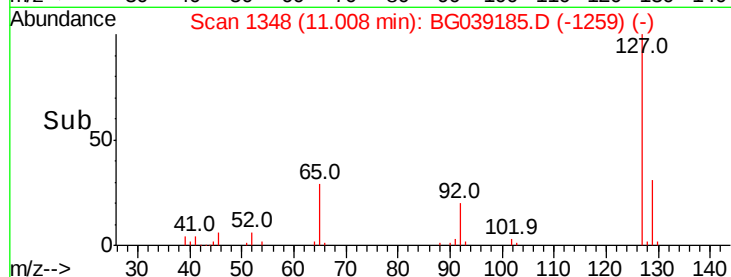
#33
4-Chloroaniline
Concen: 20.034 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion:127 Resp: 46339
Ion Ratio Lower Upper
127 100
129 30.5 25.4 38.0
65 29.1 25.4 38.0
92 19.4 15.2 22.8

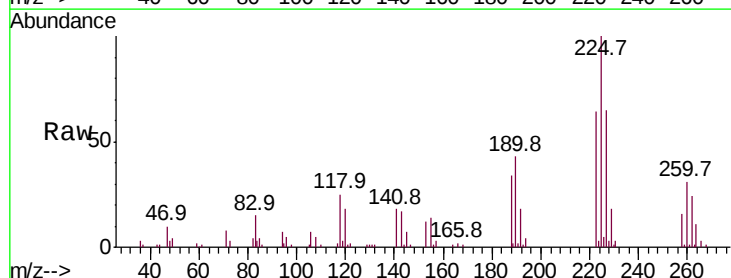


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

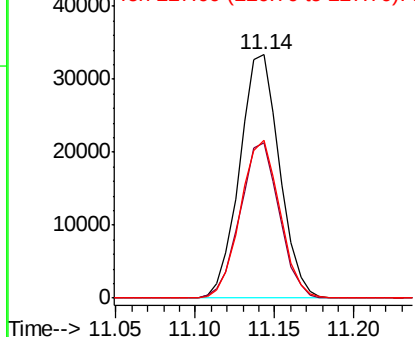
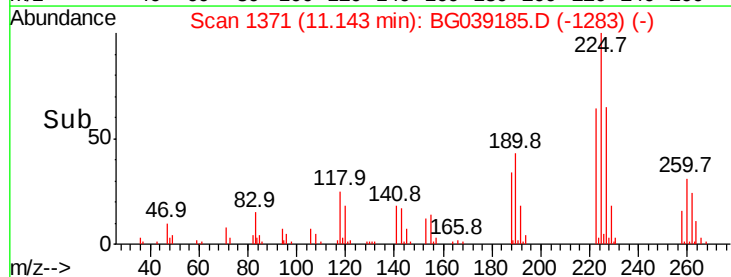


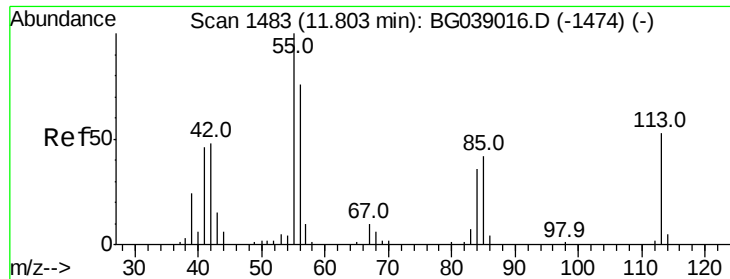
#34
Hexachlorobutadiene
Concen: 39.120 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:225 Resp: 58212
Ion Ratio Lower Upper
225 100
223 63.9 50.2 75.4
227 67.4 53.2 79.8



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





#35

Caprolactam

Concen: 17.627 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

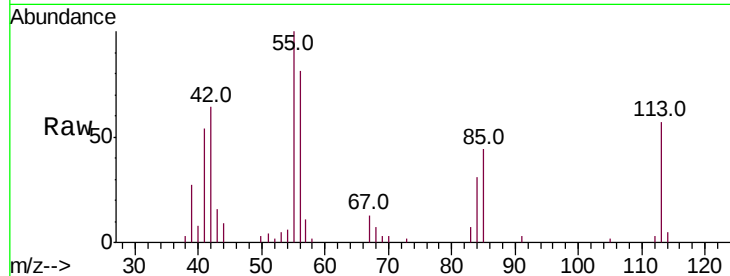
Tot Ion:113 Resp: 12722

Ion Ratio Lower Upper

113 100

55 176.6 168.6 208.6

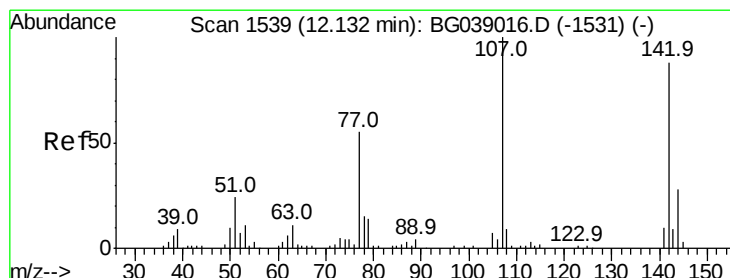
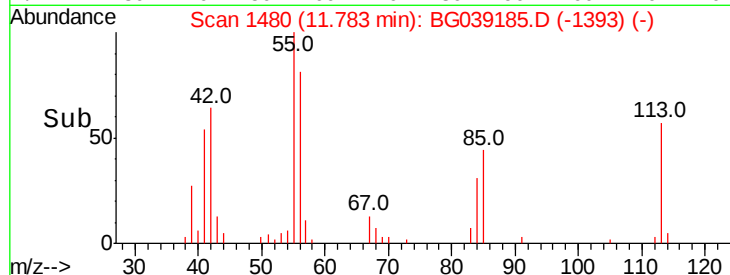
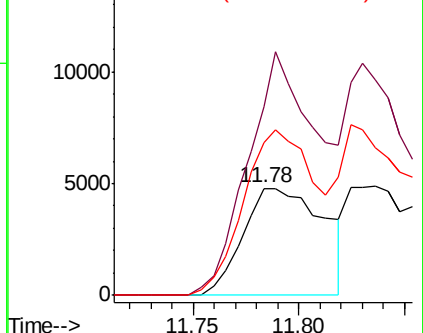
56 143.1 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.795 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

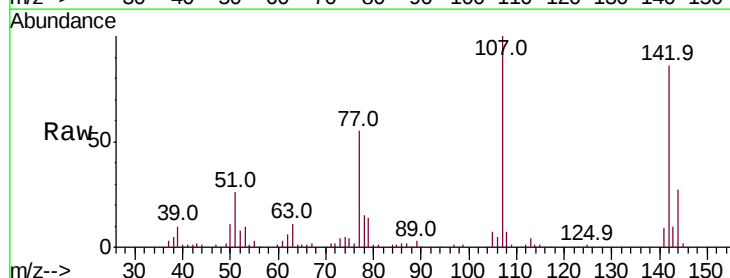
Tgt Ion:107 Resp: 78531

Ion Ratio Lower Upper

107 100

144 27.3 22.6 34.0

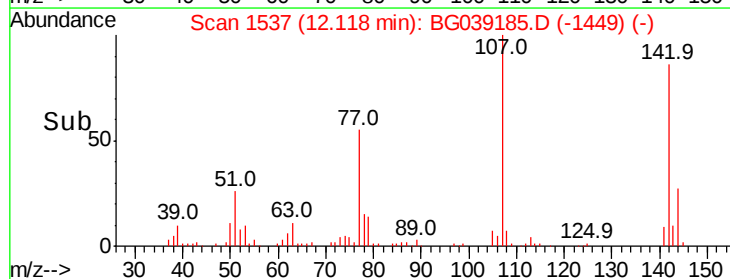
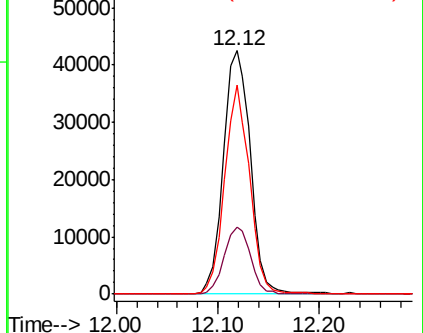
142 85.9 70.2 105.4

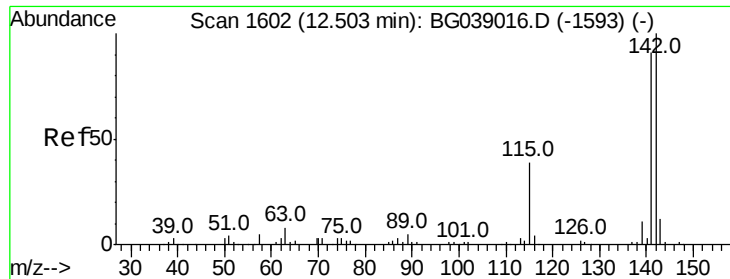


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

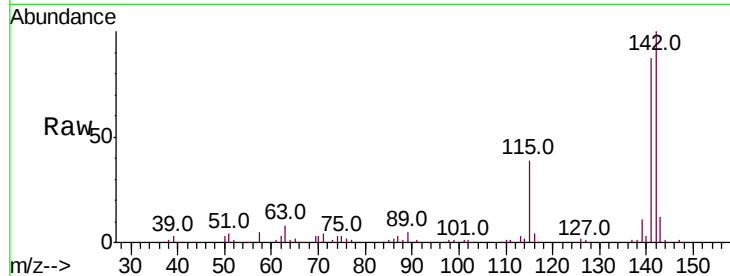




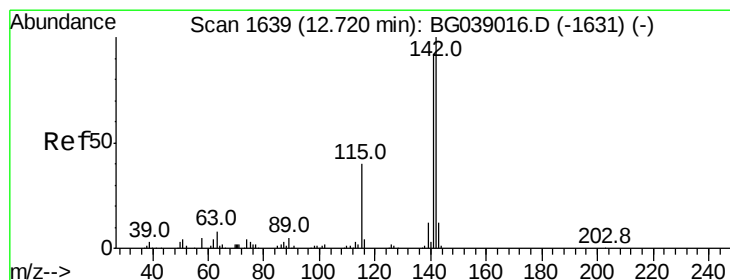
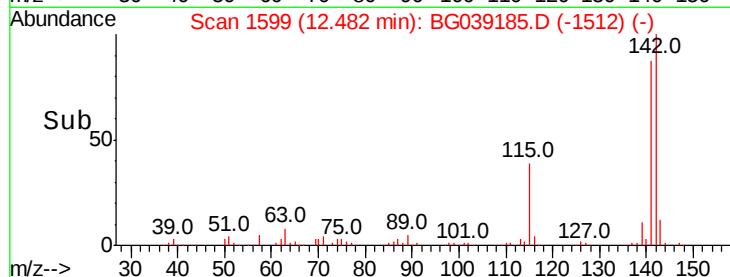
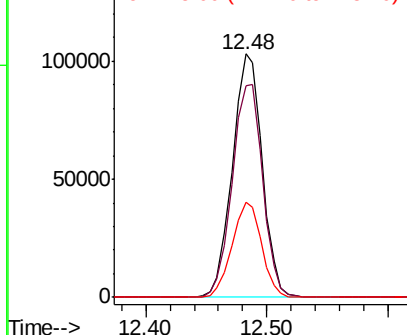
#37
2-Methylnaphthalene
Concen: 45.628 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion:142 Resp: 176836
Ion Ratio Lower Upper
142 100
141 87.1 72.6 109.0
115 38.9 31.1 46.7

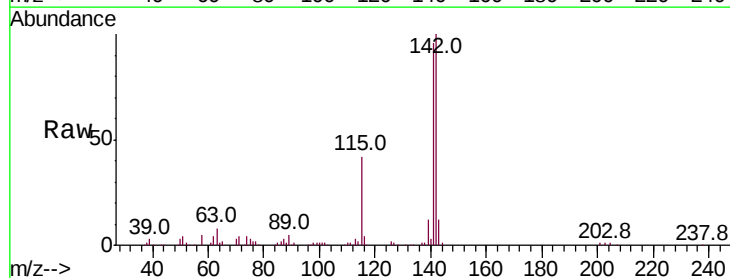


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

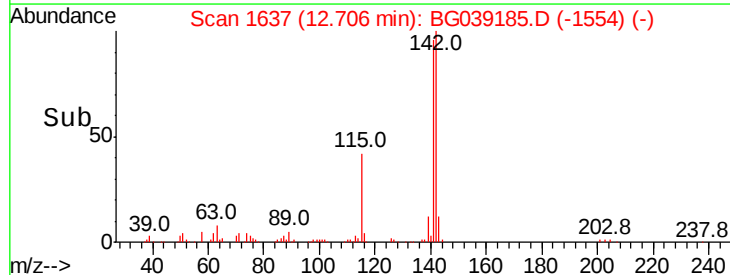
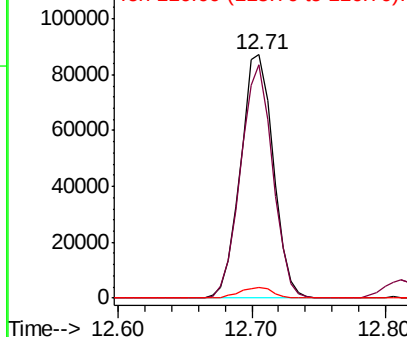


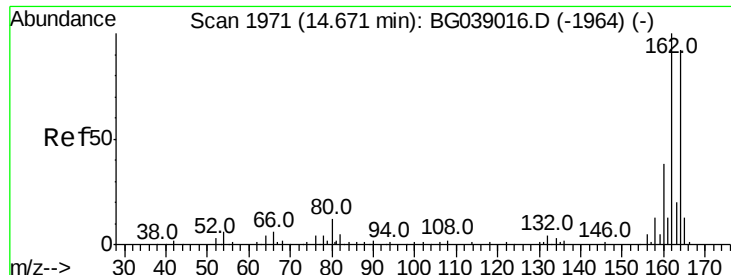
#38
1-Methylnaphthalene
Concen: 39.682 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:142 Resp: 147617
Ion Ratio Lower Upper
142 100
141 95.8 73.3 109.9
116 4.4 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: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

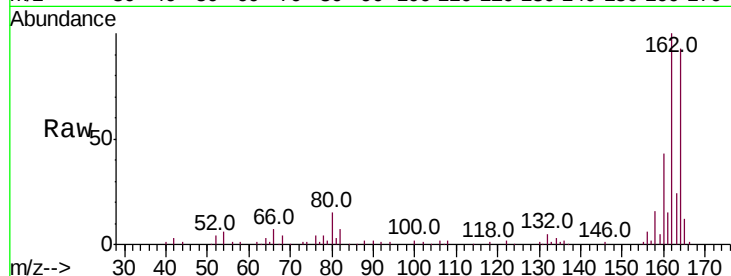
BNA_G

ClientSampleId :

PB116407BS

Tot Ion:164 Resp: 73547

Ion	Ratio	Lower	Upper
164	100		
162	107.6	87.2	130.8
160	46.0	33.3	49.9

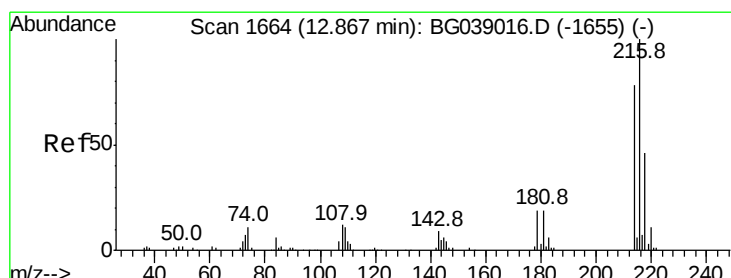
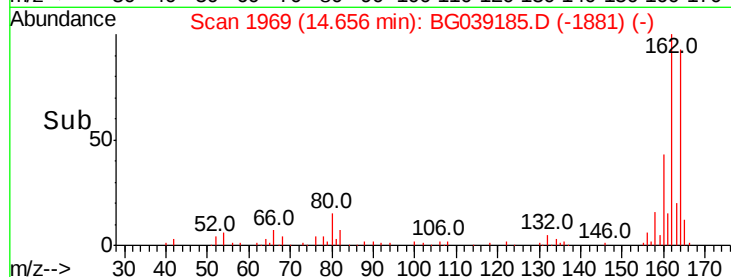
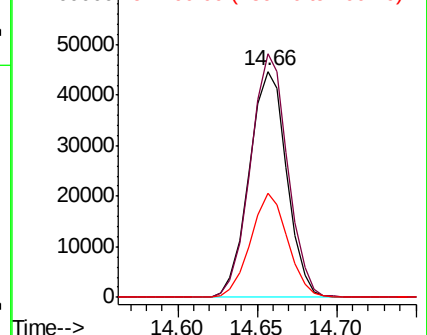


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.333 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Tgt Ion:216 Resp: 100357

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	19.6	15.5	23.3
108	15.8	11.4	17.2

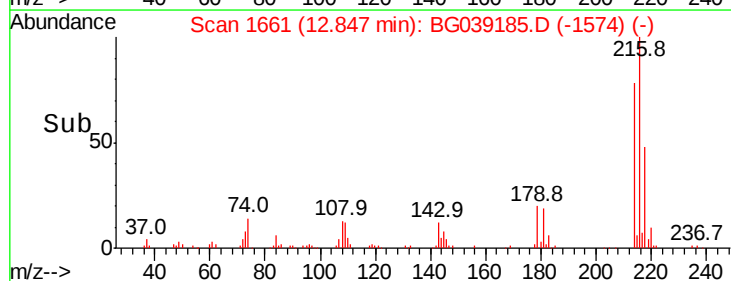
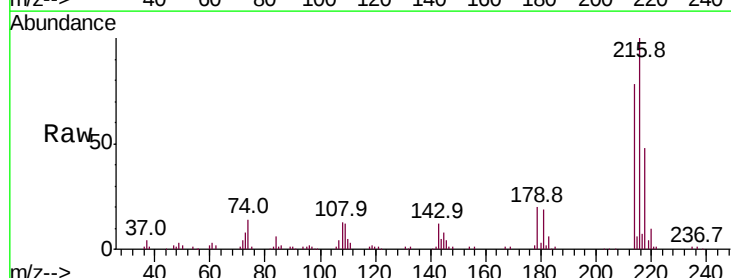
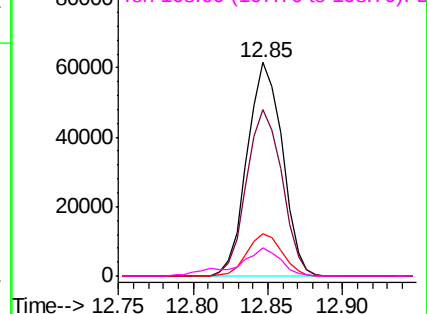
Abundance

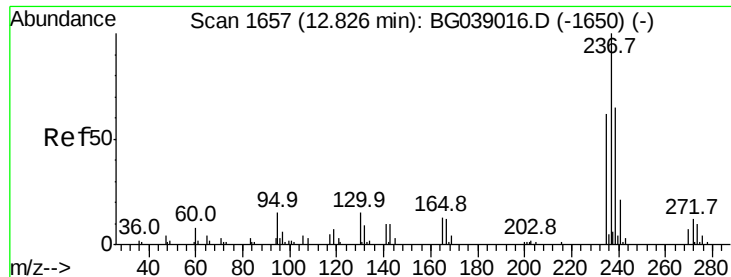
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.579 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

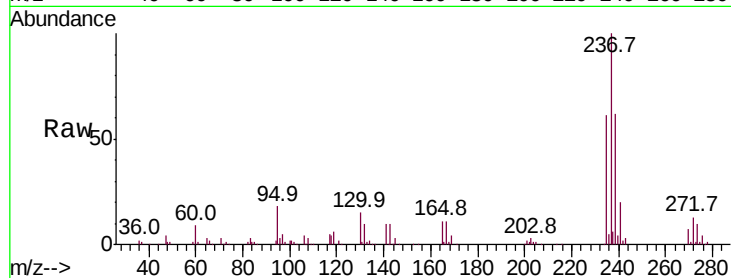
Tot Ion:237 Resp: 110340

Ion Ratio Lower Upper

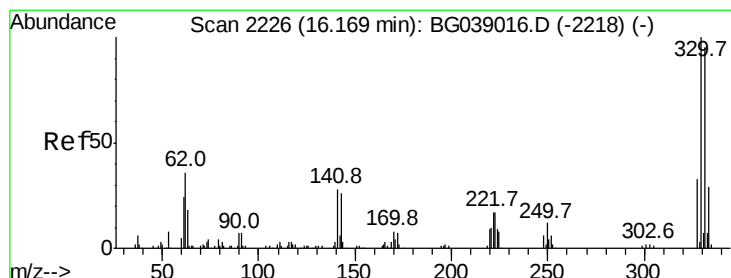
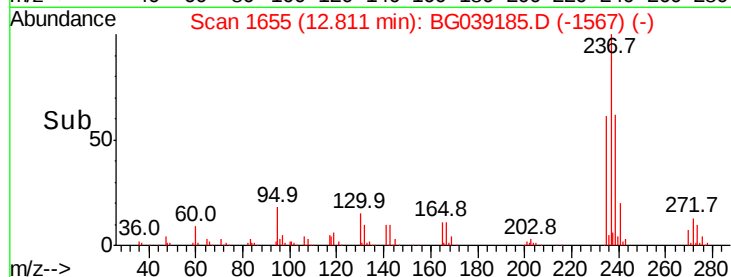
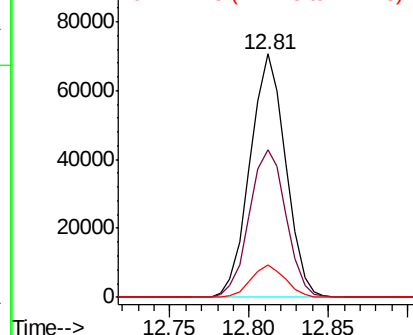
237 100

235 60.8 41.7 81.7

272 13.3 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: 138.723 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

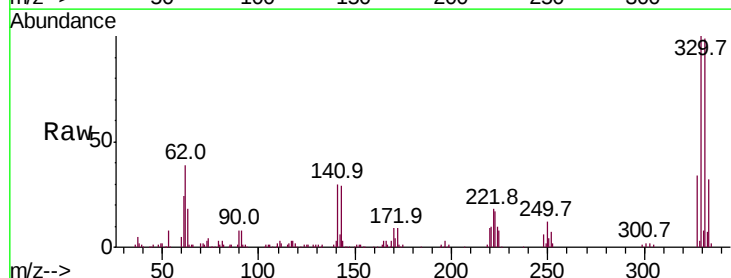
Tgt Ion:330 Resp: 171025

Ion Ratio Lower Upper

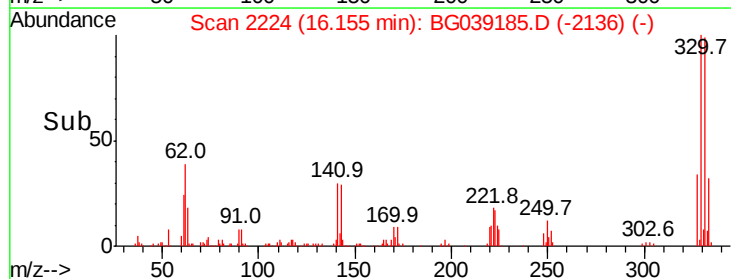
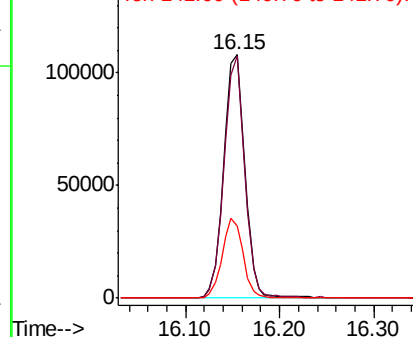
330 100

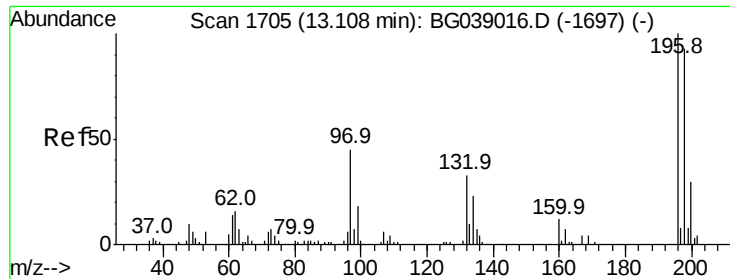
332 96.3 75.7 113.5

141 32.1 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

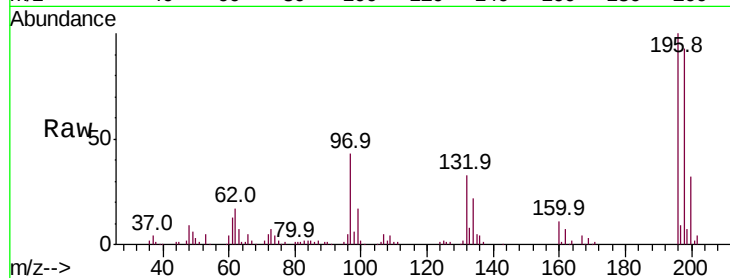




#43
 2,4,6-Trichlorophenol
 Concen: 38.882 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Tot Ion	196	Resp	67593
Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.5	111.7
200	31.6	23.8	35.6

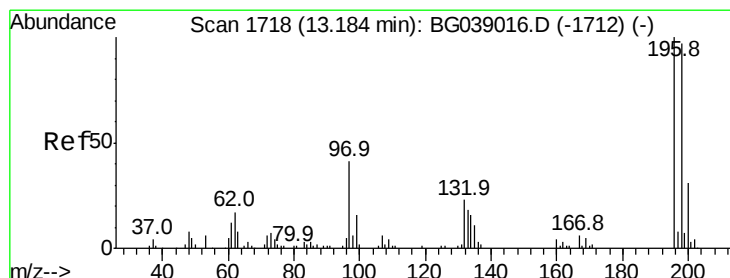
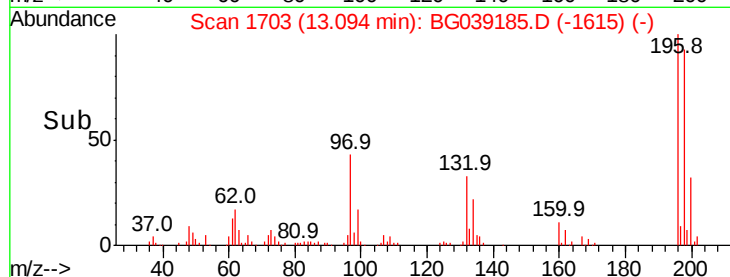
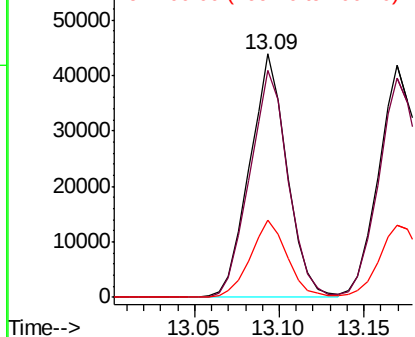


Abundance

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: 40.004 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion	196	Resp	73501
Ion	Ratio	Lower	Upper
196	100		
198	94.5	78.1	117.1
97	39.2	33.2	49.8
132	21.0	18.2	27.4

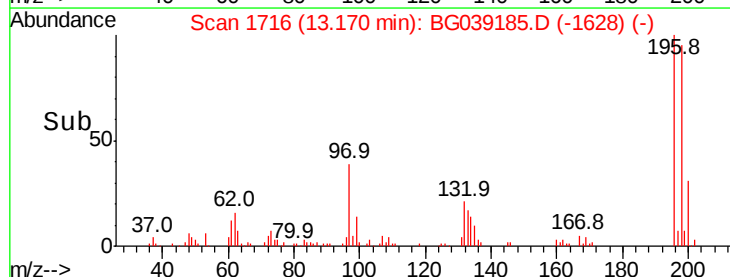
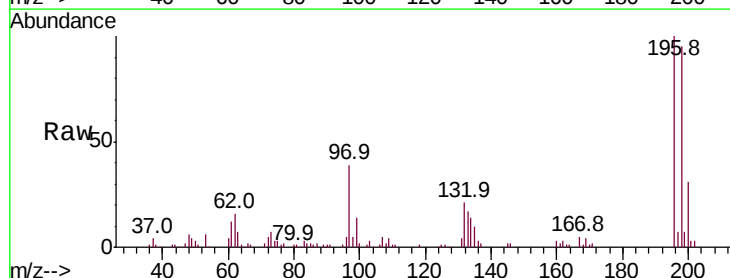
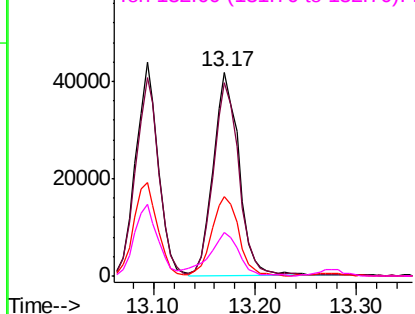
Abundance

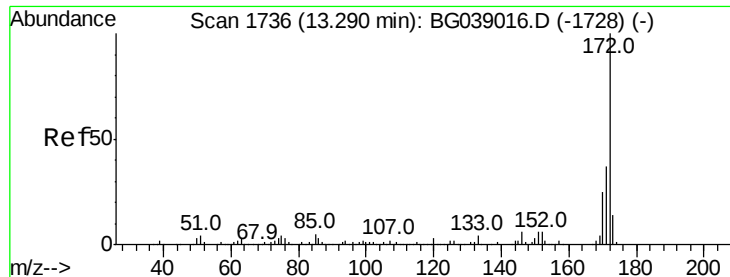
Ion 196.00 (195.70 to 196.70): E

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

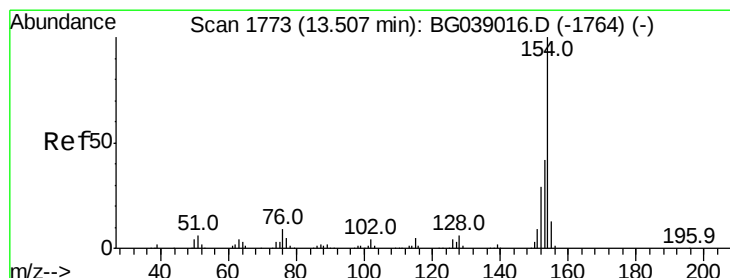
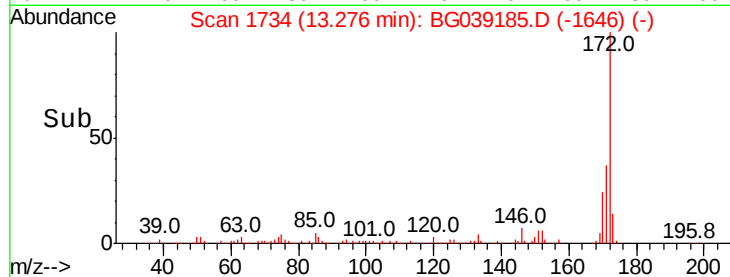
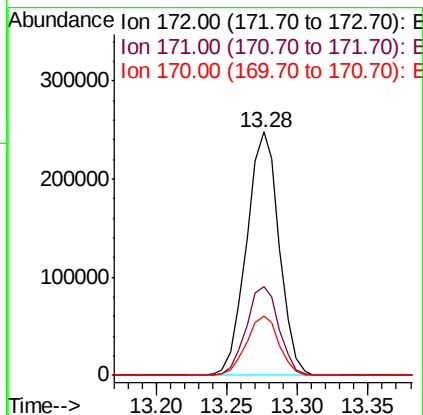
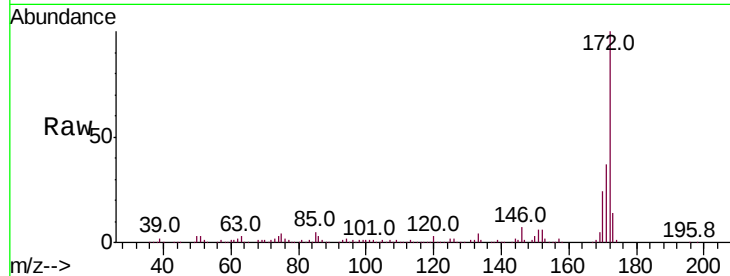




#45
 2-Fluorobiphenyl
 Concen: 74.527 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

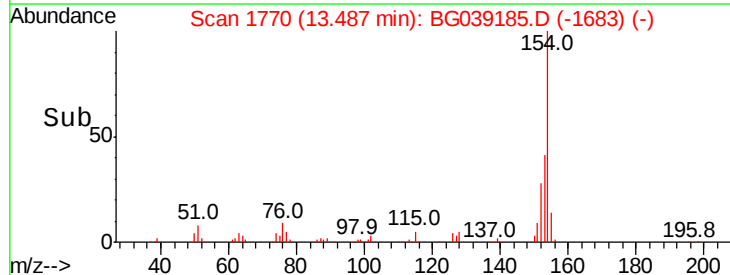
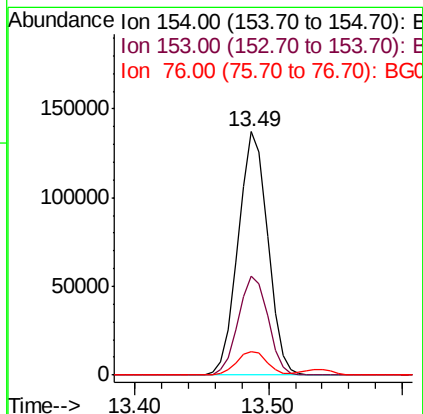
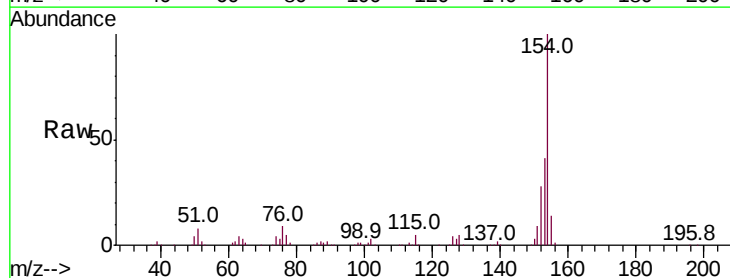
Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

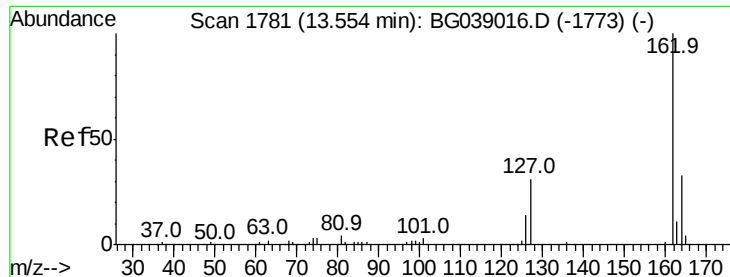
Tot Ion:172 Resp: 400509
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 36.063 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion:154 Resp: 210164
 Ion Ratio Lower Upper
 154 100
 153 40.8 22.4 62.4
 76 9.4 0.0 29.4

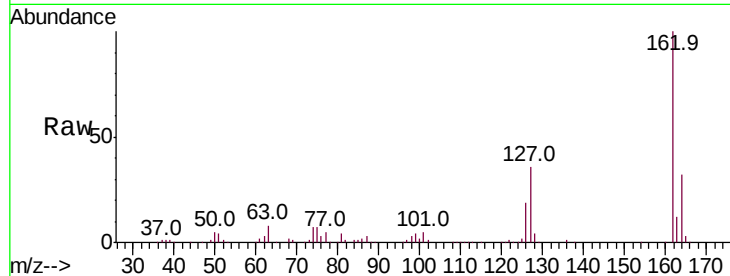




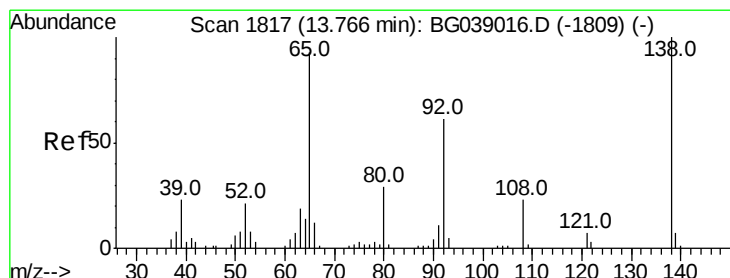
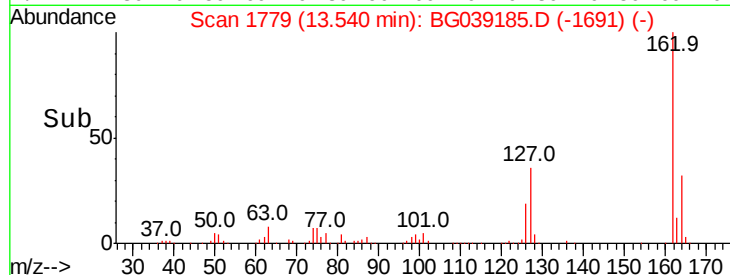
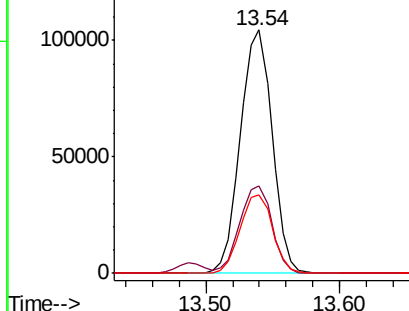
#47
2-Chloronaphthalene
Concen: 36.384 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion:162 Resp: 171585
Ion Ratio Lower Upper
162 100
127 35.9 28.4 42.6
164 32.2 26.3 39.5

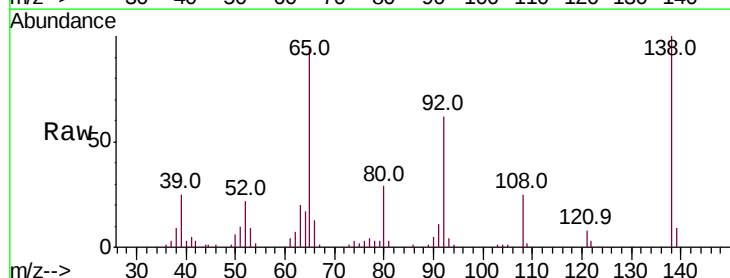


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

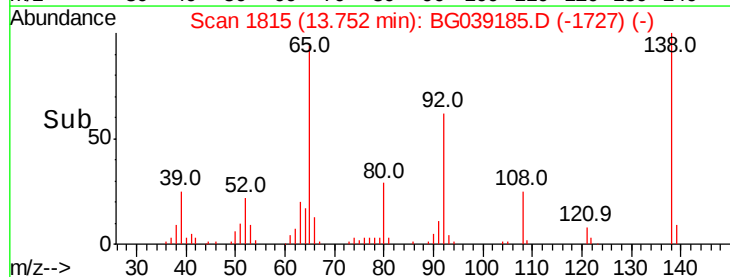
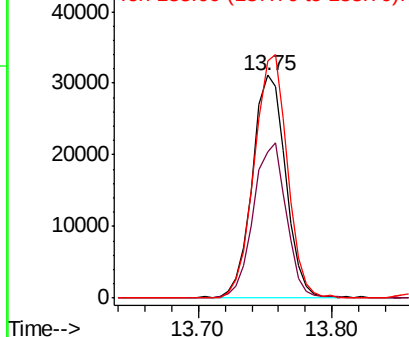


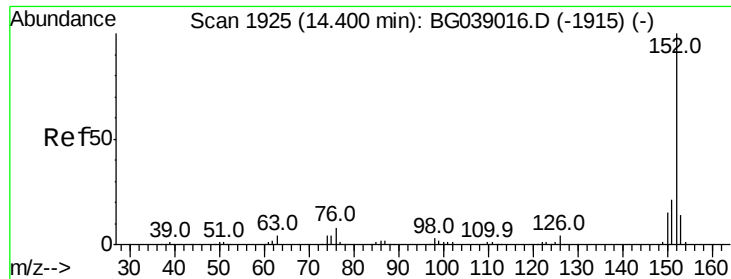
#48
2-Nitroaniline
Concen: 40.564 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion: 65 Resp: 53592
Ion Ratio Lower Upper
65 100
92 65.6 52.2 78.4
138 106.4 86.0 129.0



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





#49

Acenaphthylene

Concen: 38.736 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

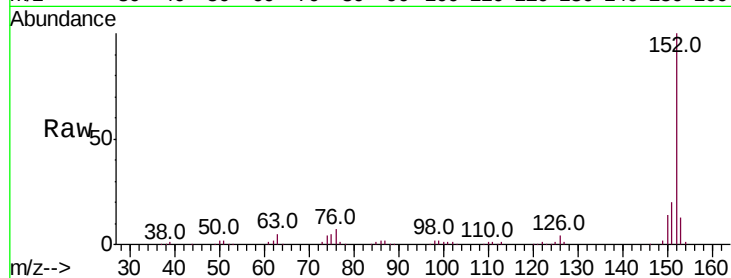
Tot Ion:152 Resp: 274571

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.4

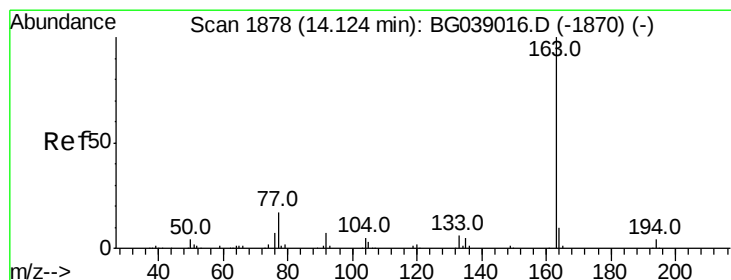
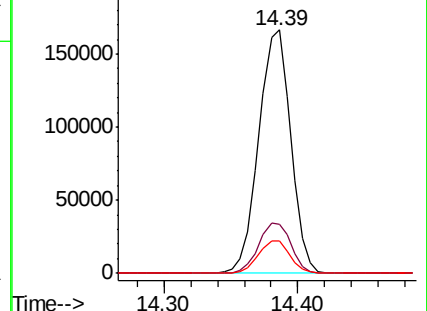
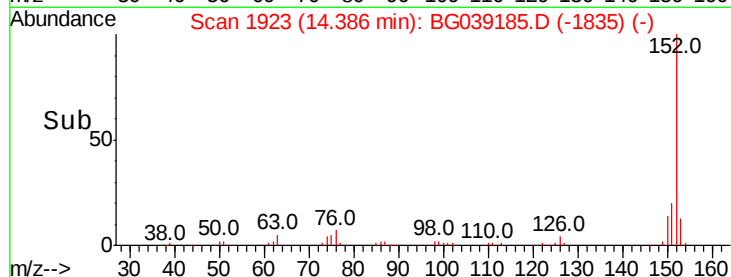
153 13.3 11.2 16.8



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: 38.228 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

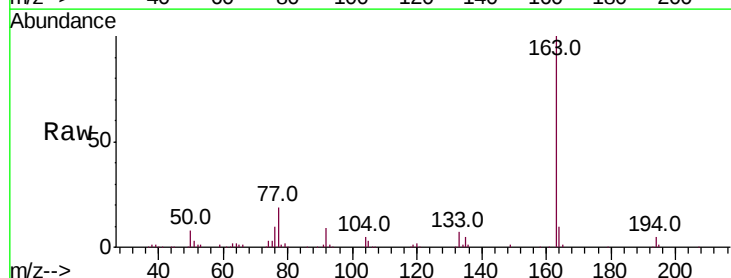
Tgt Ion:163 Resp: 237592

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

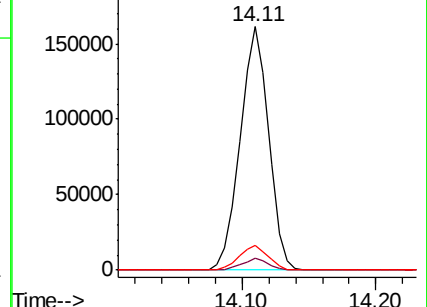
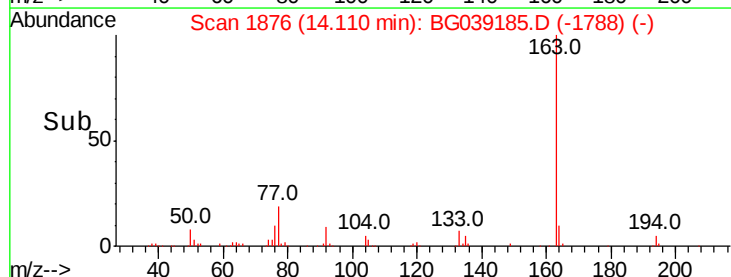
164 10.2 8.2 12.2

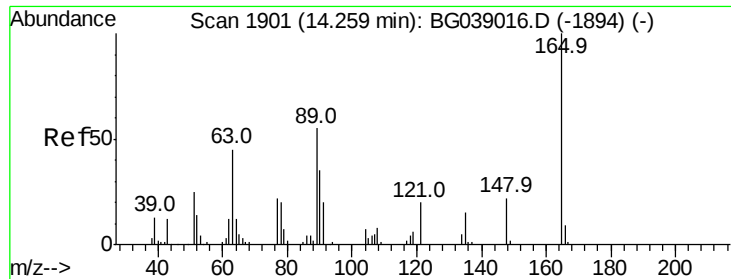


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.358 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

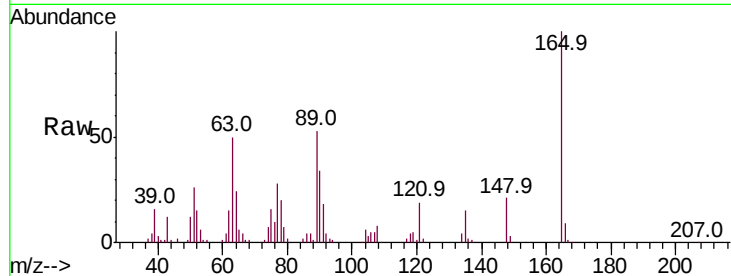
Tot Ion:165 Resp: 56078

Ion Ratio Lower Upper

165 100

63 50.4 43.6 65.4

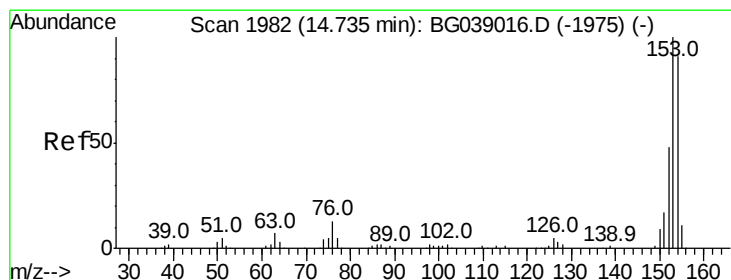
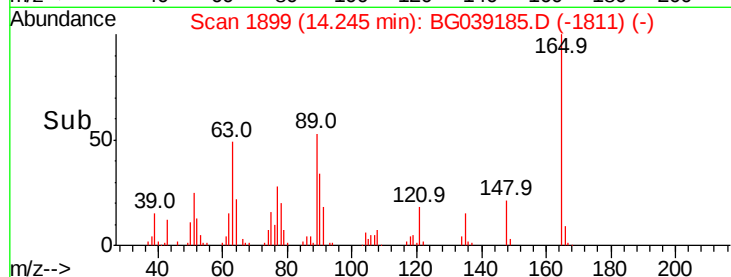
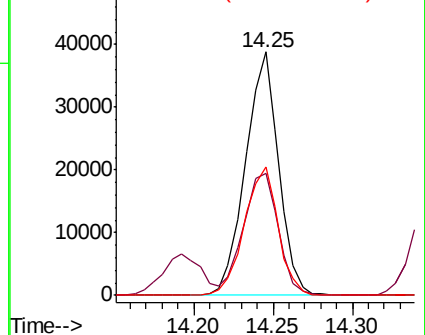
89 52.9 43.7 65.5



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: 37.789 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

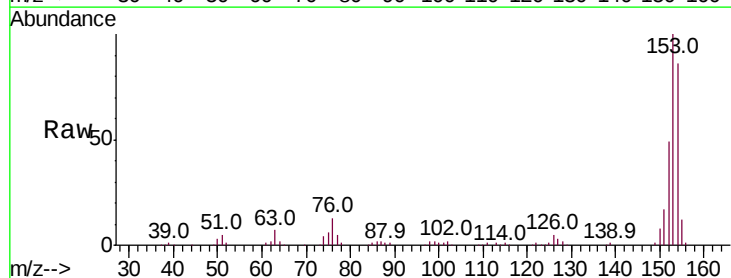
Tgt Ion:154 Resp: 160936

Ion Ratio Lower Upper

154 100

153 116.0 87.9 131.9

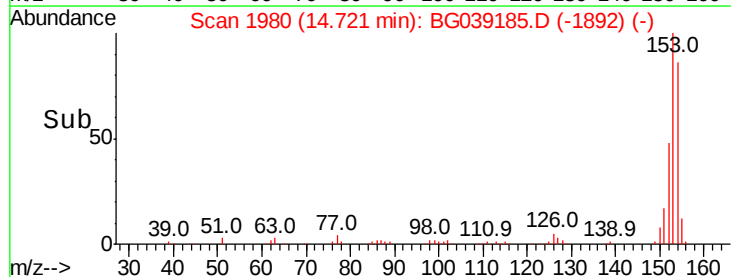
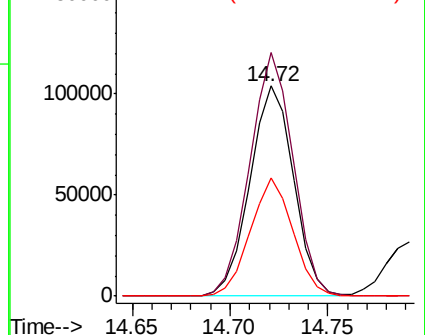
152 56.3 42.2 63.2

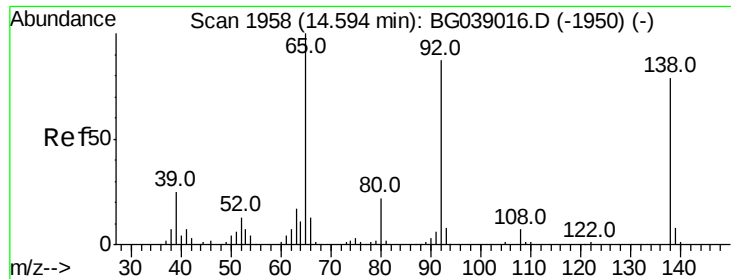


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.647 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

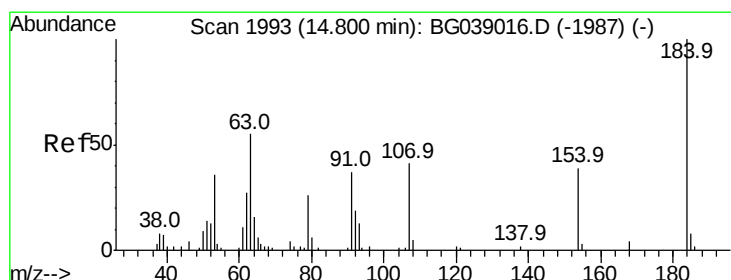
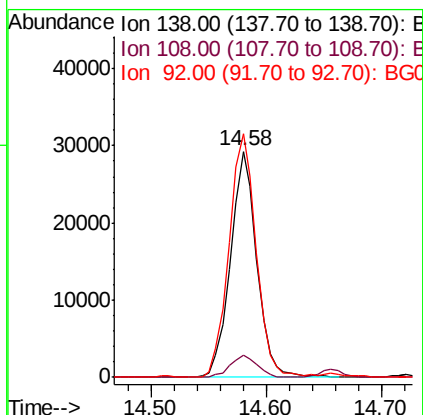
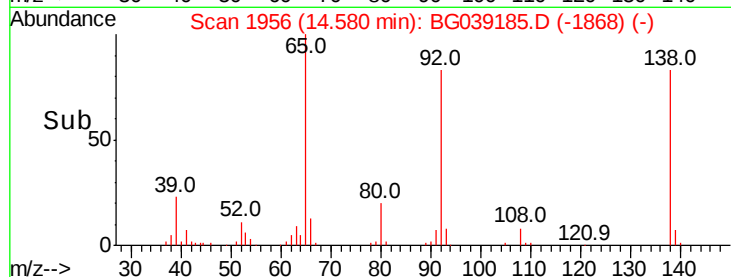
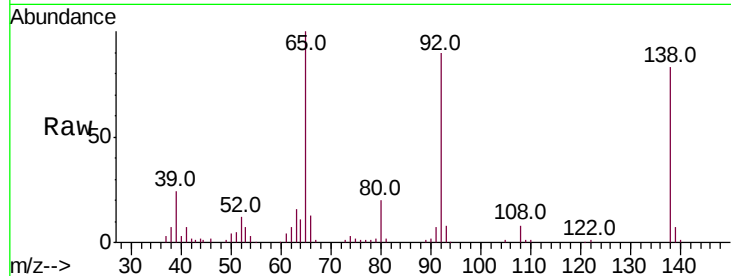
Tot Ion:138 Resp: 46019

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.0

92 107.7 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 88.557 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

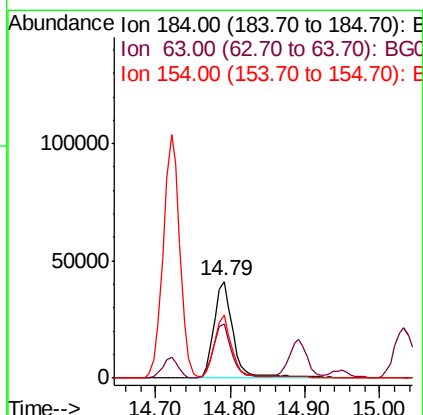
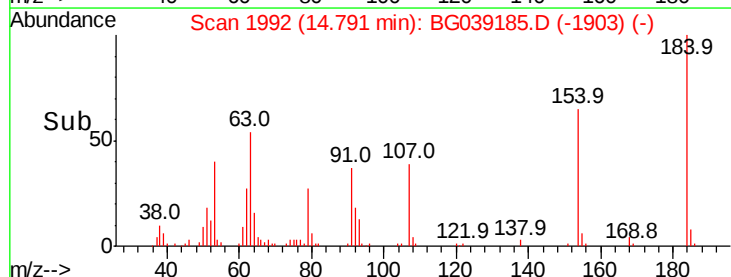
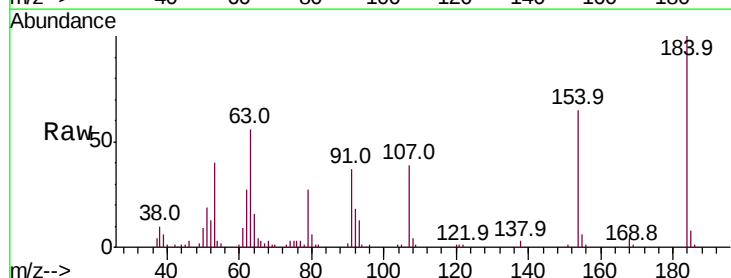
Tgt Ion:184 Resp: 74083

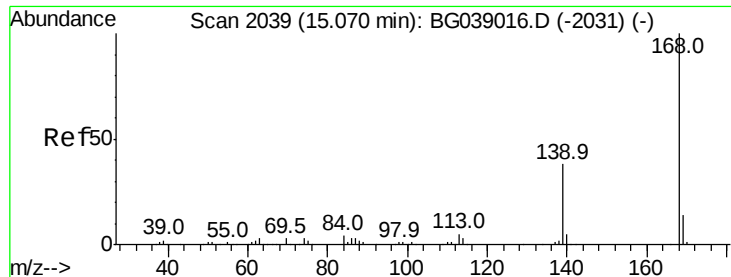
Ion Ratio Lower Upper

184 100

63 56.3 44.0 66.0

154 65.1 46.1 69.1





#55

Dibenzofuran

Concen: 36.752 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

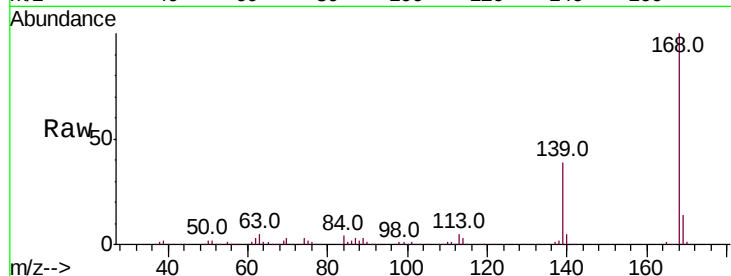
Tot Ion:168 Resp: 276436

Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

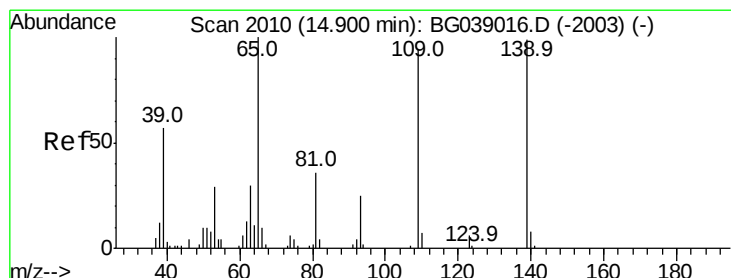
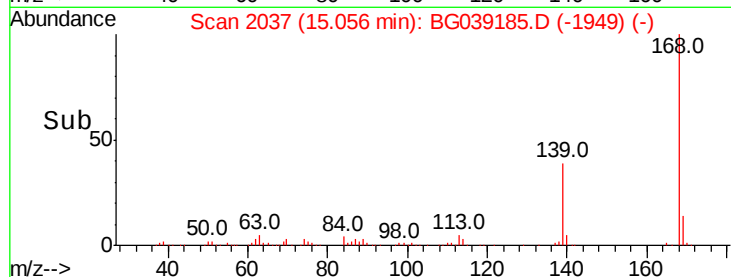
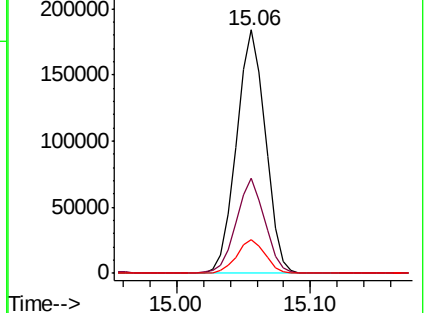
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.257 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

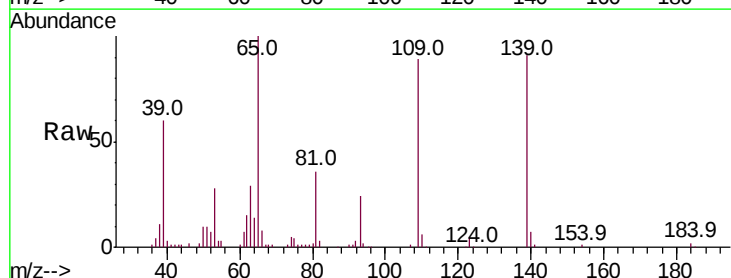
Tgt Ion:139 Resp: 91542

Ion Ratio Lower Upper

139 100

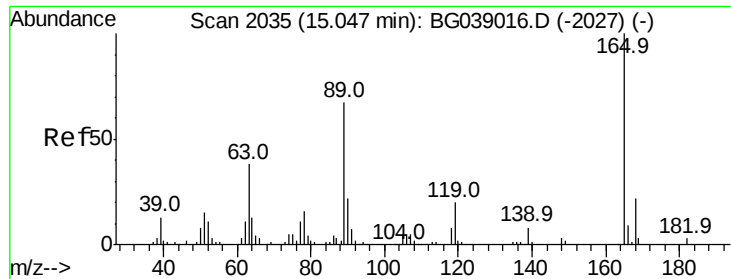
109 97.1 75.6 115.6

65 109.5 81.2 121.2



Abundance Ion 139.00 (138.70 to 139.70): E

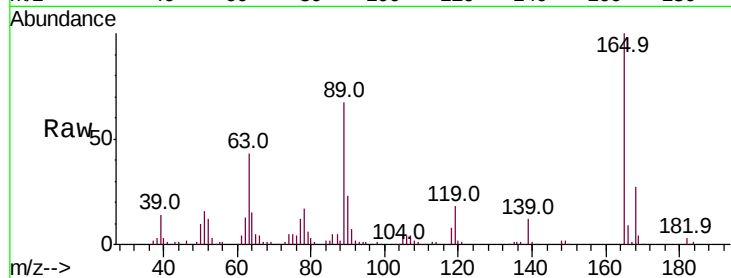
Ion 109.00 (108.70 to



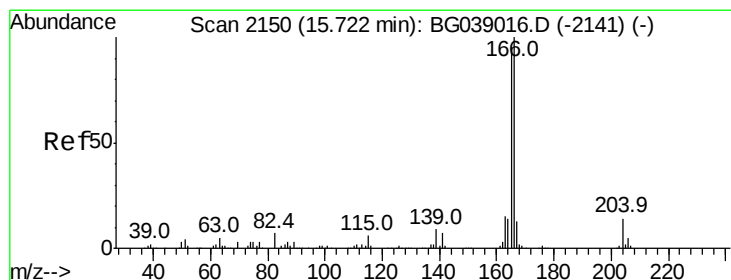
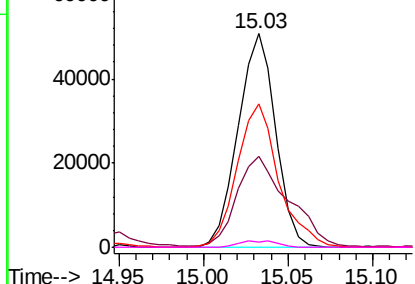
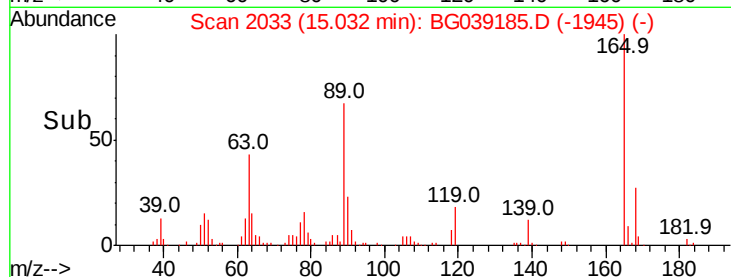
#57
2,4-Dinitrotoluene
Concen: 39.266 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion:165 Resp: 78278
Ion Ratio Lower Upper
165 100
63 42.7 30.2 45.4
89 67.2 53.2 79.8
182 2.7 2.7 4.1#

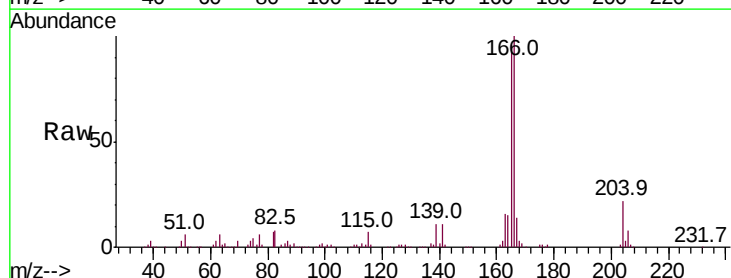


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

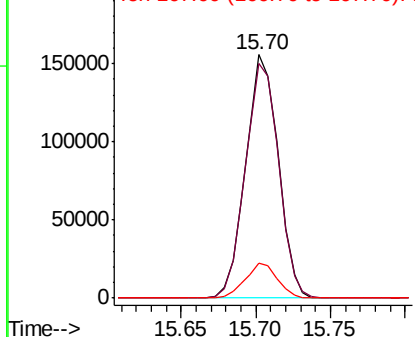
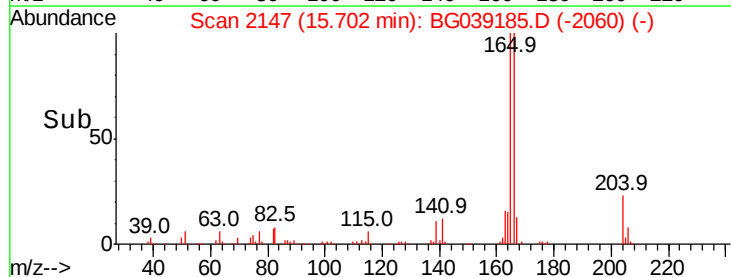


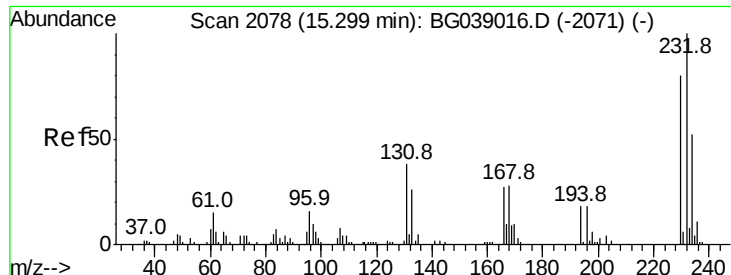
#58
Fluorene
Concen: 41.364 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:166 Resp: 234187
Ion Ratio Lower Upper
166 100
165 96.3 76.2 114.2
167 14.2 10.6 16.0



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

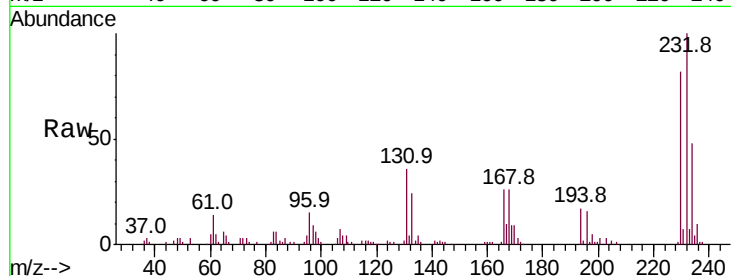




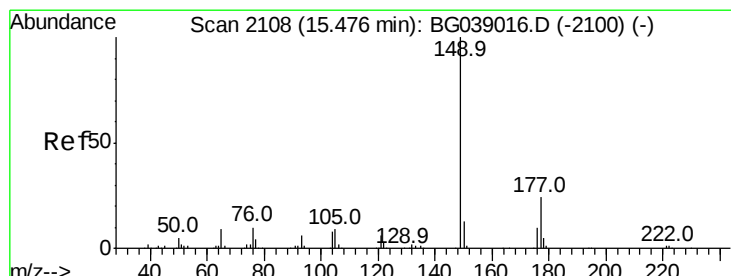
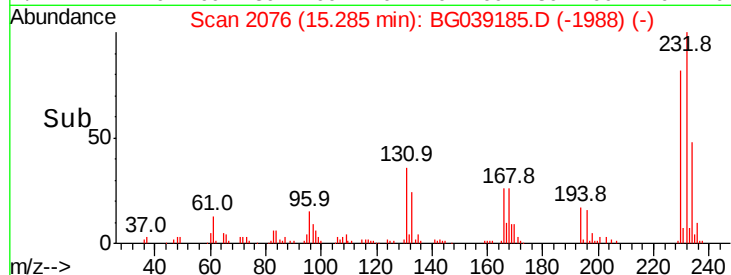
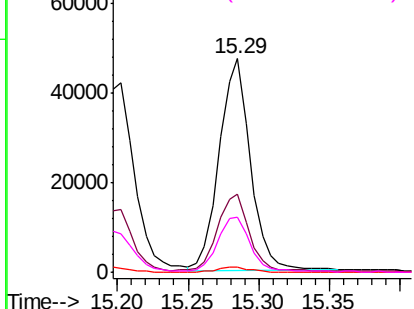
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.170 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Instrument :
BNA_G
ClientSampleId :
PB116407BS

Tot Ion:232 Resp: 73139
Ion Ratio Lower Upper
232 100
131 36.8 30.9 46.3
130 2.3 1.9 2.9
166 27.7 22.1 33.1

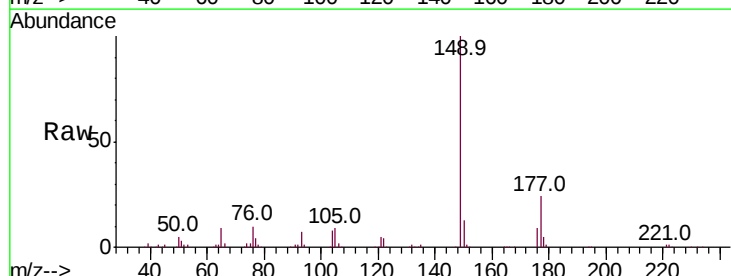


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

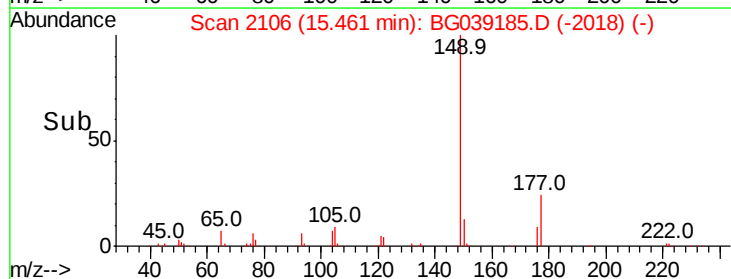
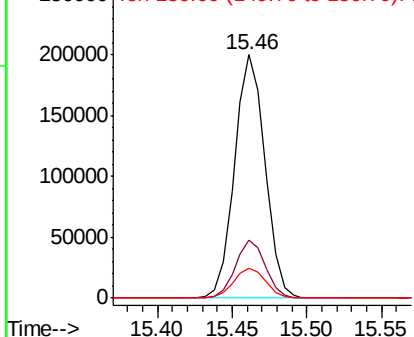


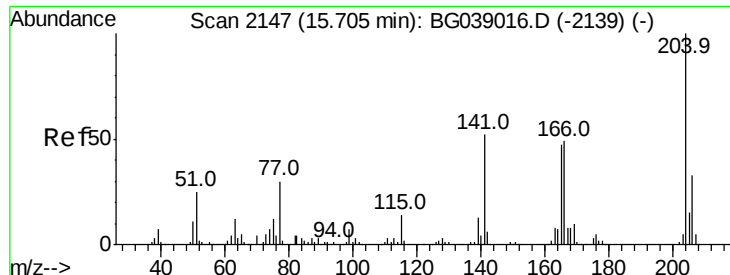
#60
Diethylphthalate
Concen: 44.230 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:149 Resp: 283221
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.6
150 12.5 10.2 15.4



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

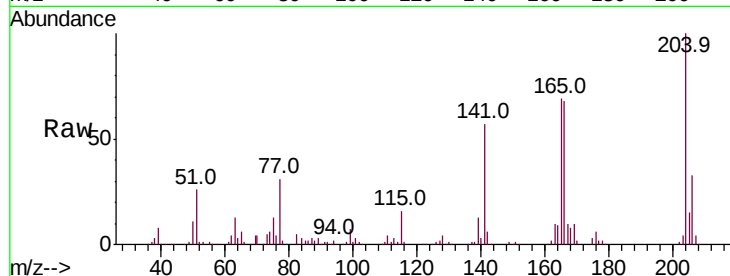




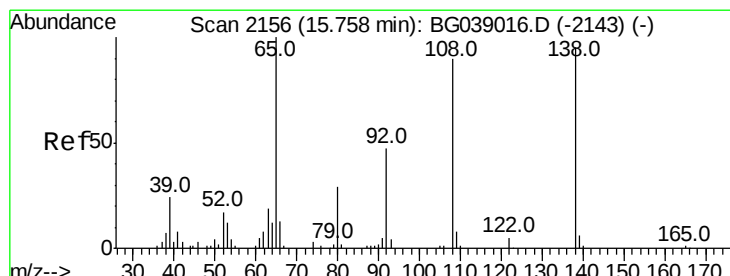
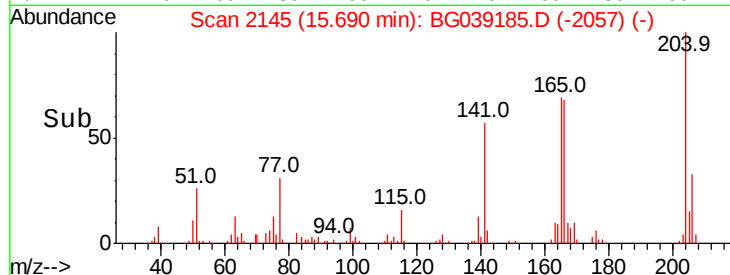
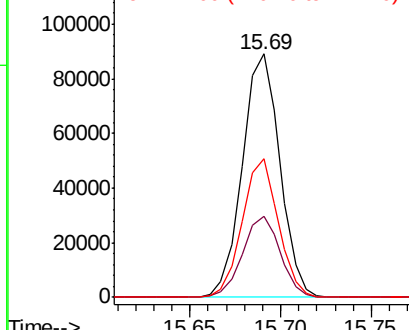
#61
 4-Chlorophenyl-phenylether
 Concen: 35.905 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Tot Ion:204 Resp: 128070
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.6 39.8
 141 57.1 41.4 62.0

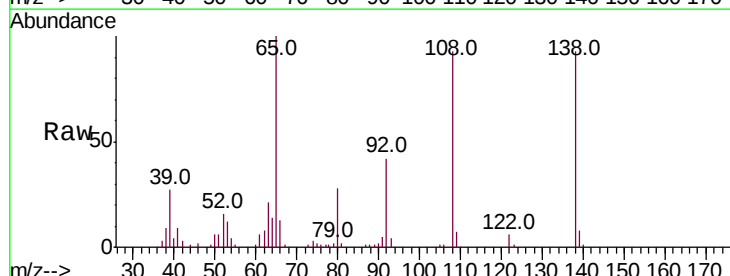


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

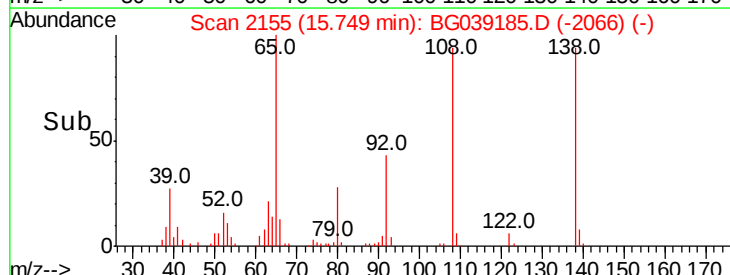
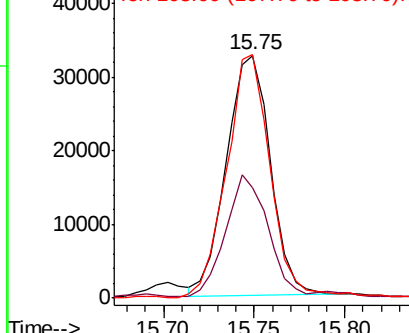


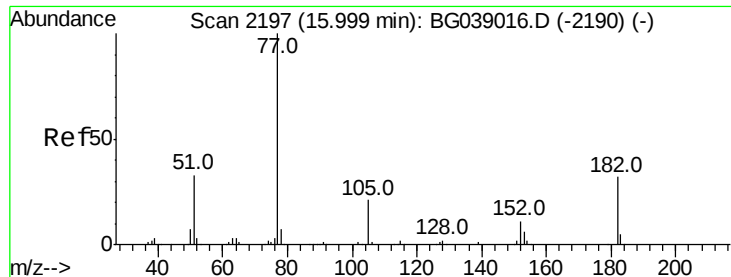
#62
 4-Nitroaniline
 Concen: 37.527 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion:138 Resp: 55106
 Ion Ratio Lower Upper
 138 100
 92 45.5 29.7 69.7
 108 100.4 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: 38.490 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

Tot Ion: 77 Resp: 192742

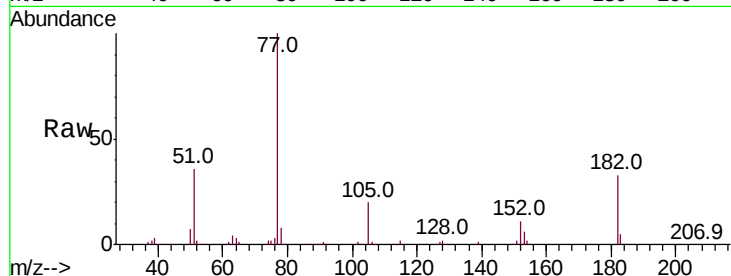
Ion Ratio Lower Upper

77 100

182 33.0 12.2 52.2

105 20.3 1.2 41.2

51 35.5 13.4 53.4

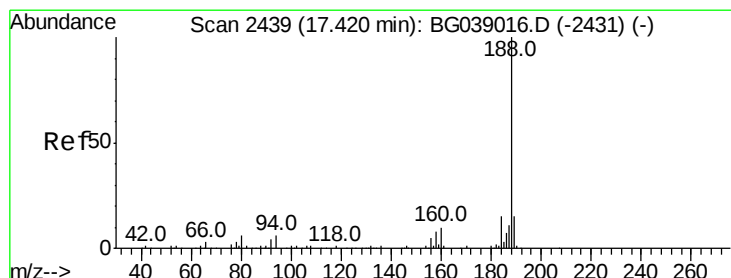
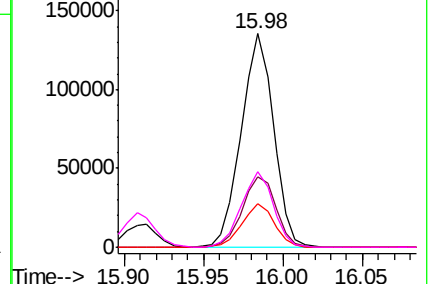
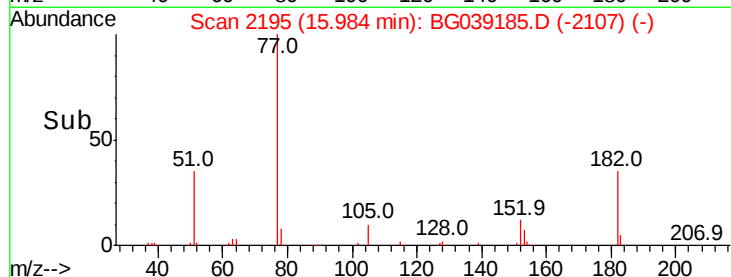


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039185.D

Acq: 17 Jan 2019 14:07

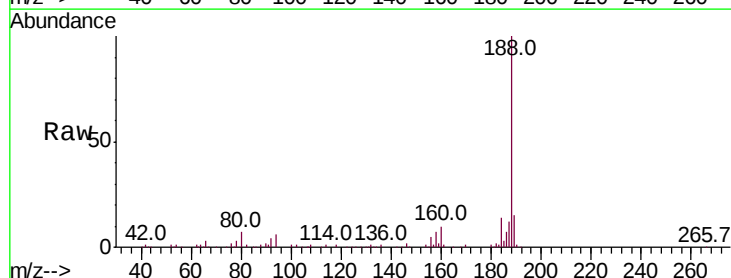
Tgt Ion: 188 Resp: 201539

Ion Ratio Lower Upper

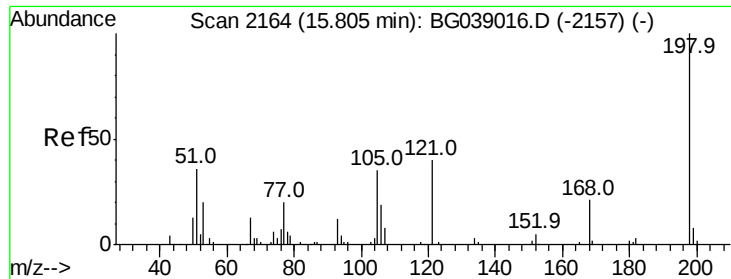
188 100

94 6.0 5.0 7.4

80 7.1 4.7 7.1



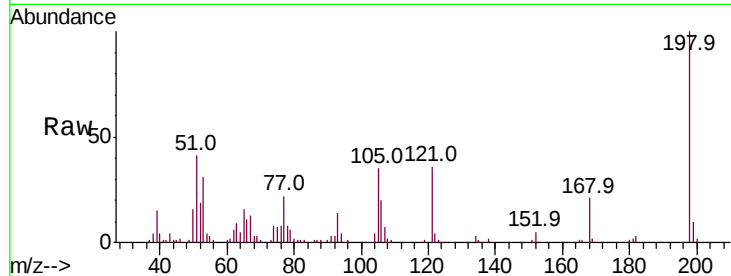
Abundance Ion 188.00 (187.70 to 188.70): BGC



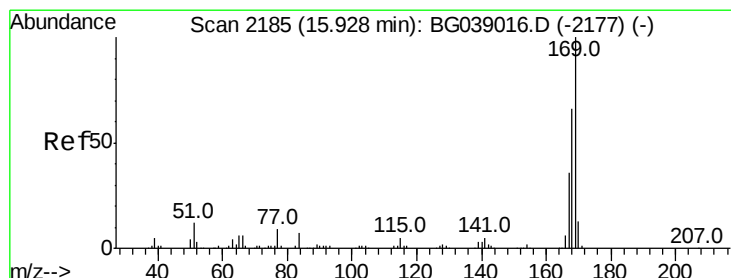
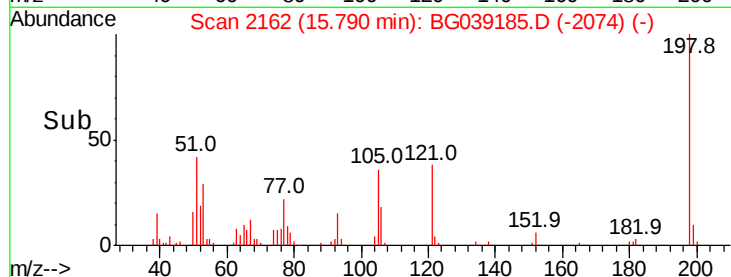
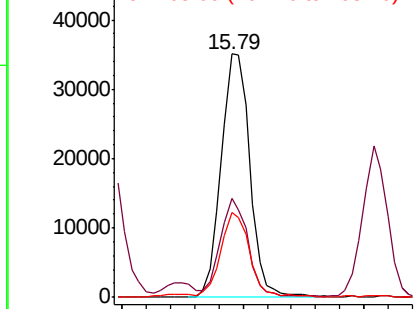
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.669 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Tot Ion:198 Resp: 57738
 Ion Ratio Lower Upper
 198 100
 51 40.8 20.8 60.8
 105 34.6 16.1 56.1

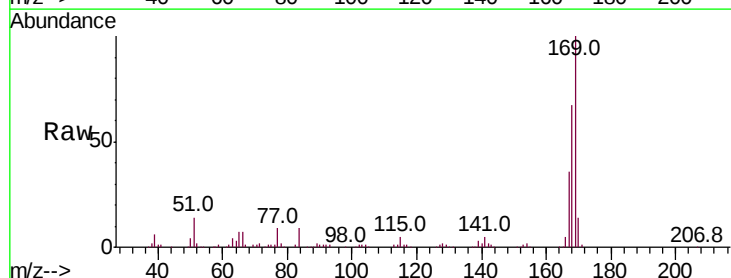


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

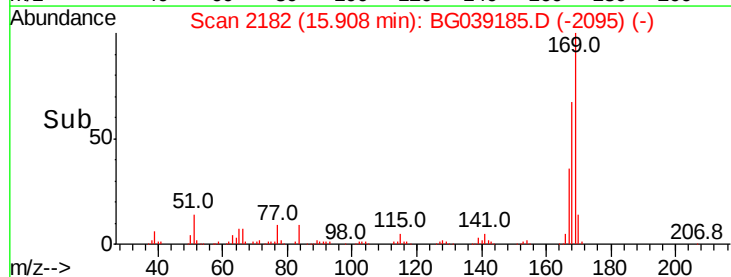
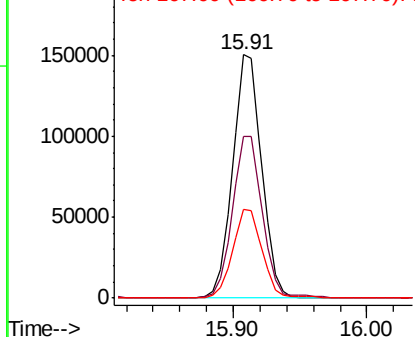


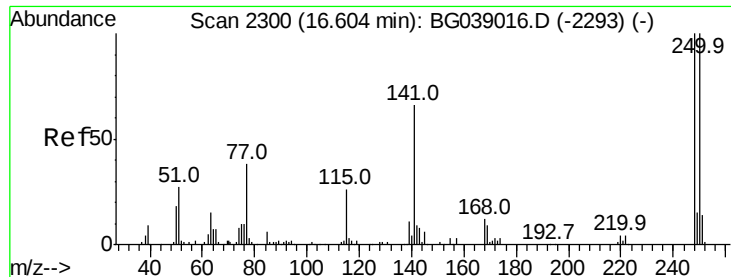
#66
 n-Nitrosodiphenylamine
 Concen: 37.809 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion:169 Resp: 225896
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 36.3 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

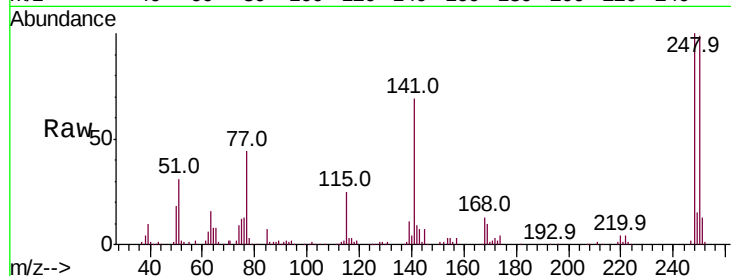




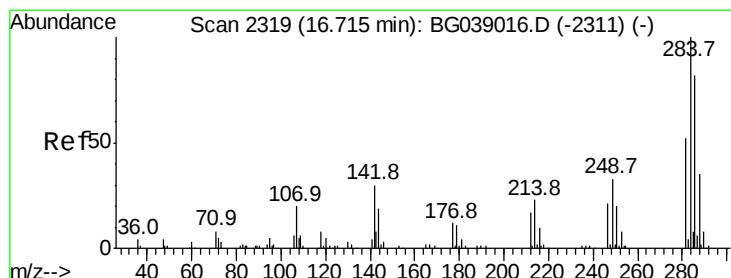
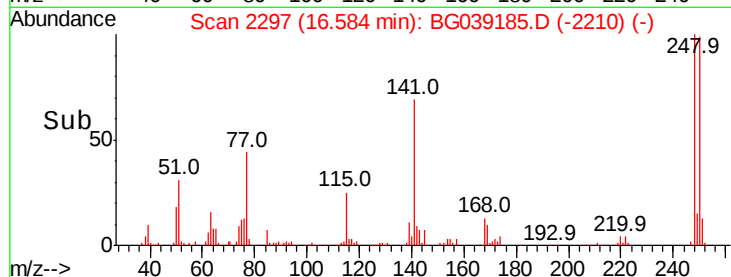
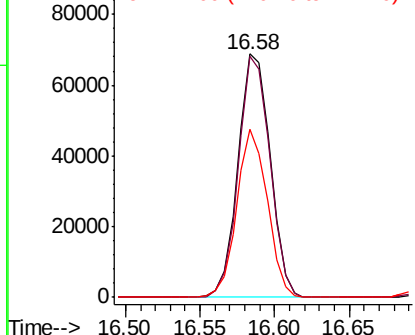
#67
 4-Bromophenyl-phenylether
 Concen: 39.809 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

Tot Ion:248 Resp: 103132
 Ion Ratio Lower Upper
 248 100
 250 98.9 79.9 119.9
 141 68.9 52.7 79.1

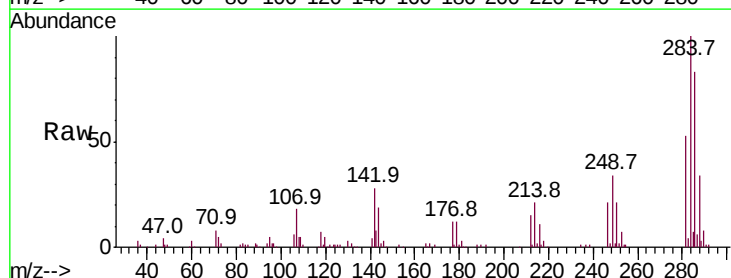


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

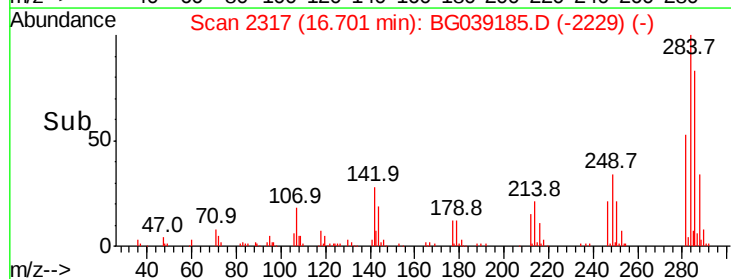
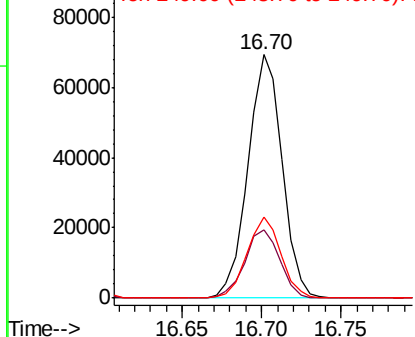


#68
 Hexachlorobenzene
 Concen: 36.621 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion:284 Resp: 103525
 Ion Ratio Lower Upper
 284 100
 142 28.2 24.3 36.5
 249 33.5 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: 36.955 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

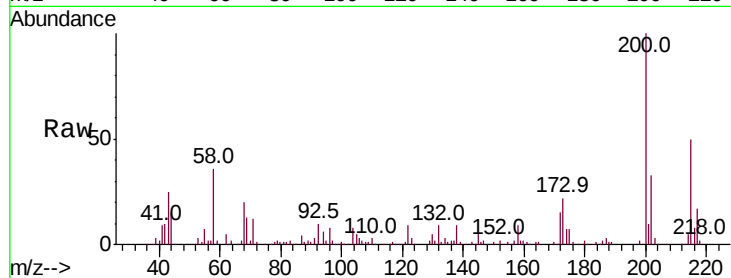
Tot Ion:200 Resp: 93797

Ion Ratio Lower Upper

200 100

173 21.9 2.6 42.6

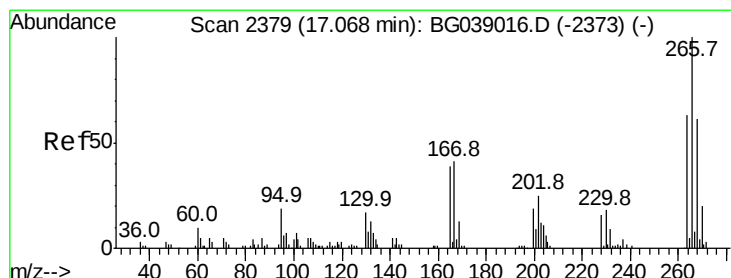
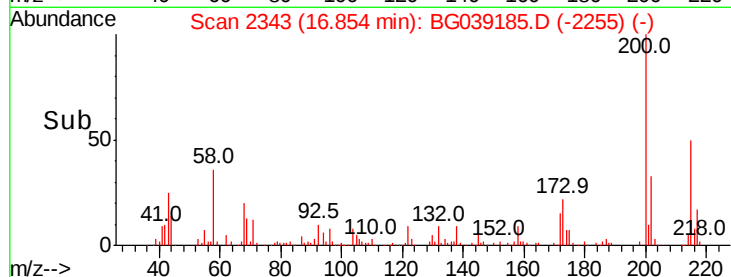
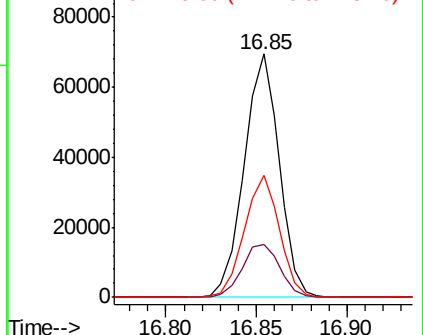
215 50.2 28.0 68.0



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: 67.063 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

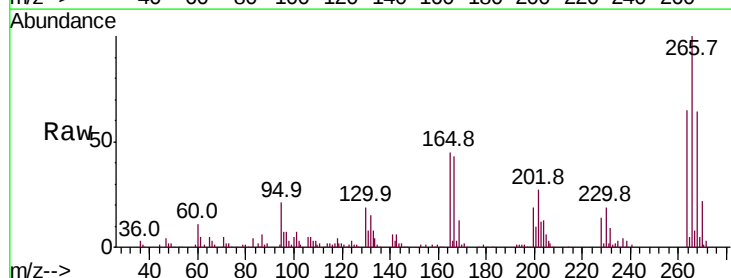
Tgt Ion:266 Resp: 115367

Ion Ratio Lower Upper

266 100

268 68.5 52.0 78.0

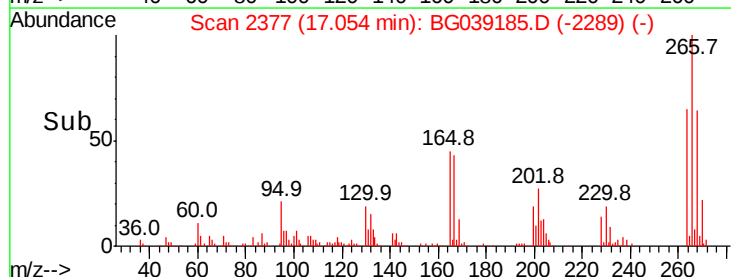
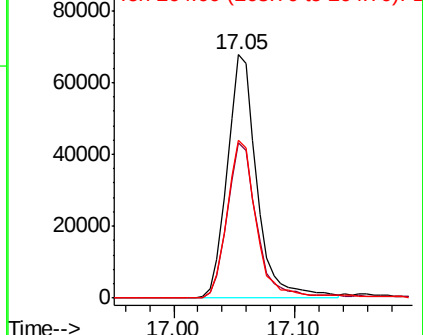
264 64.8 54.6 81.8

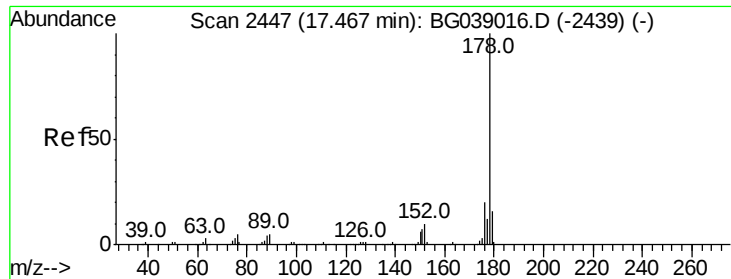


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

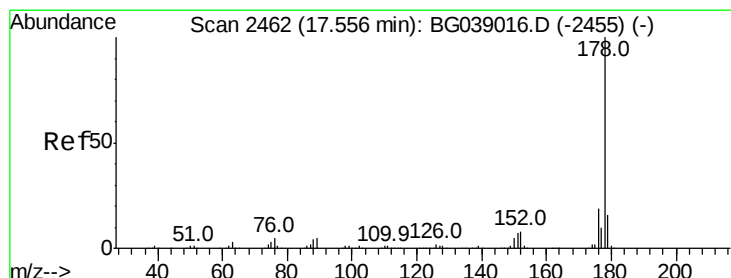
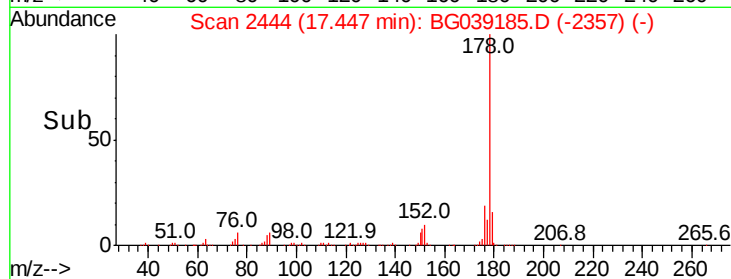
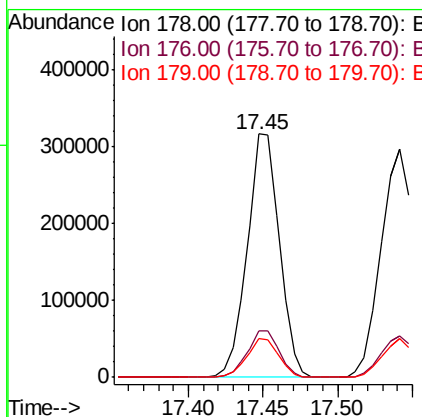
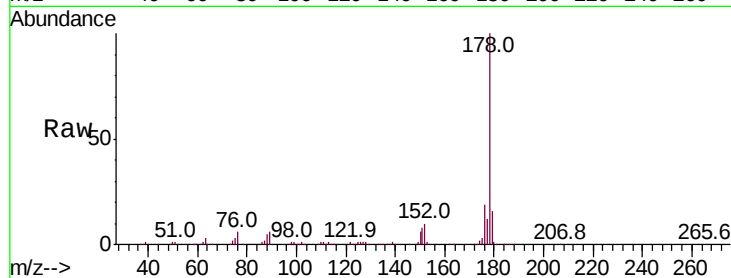




#71
Phenanthrene
Concen: 44.066 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

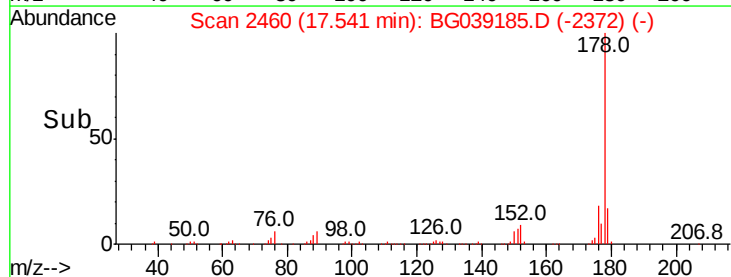
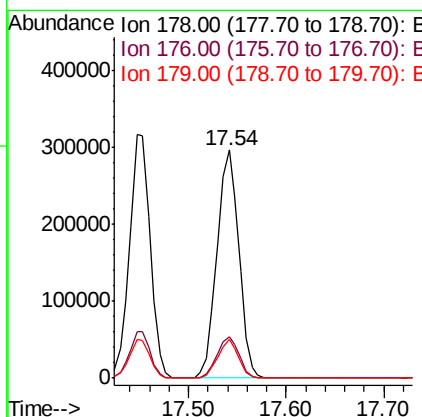
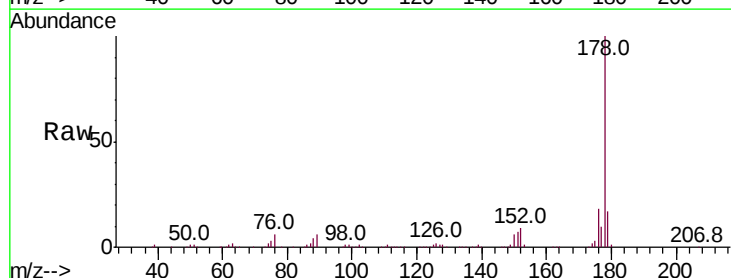
Instrument :
BNA_G
ClientSampleId :
PB116407BS

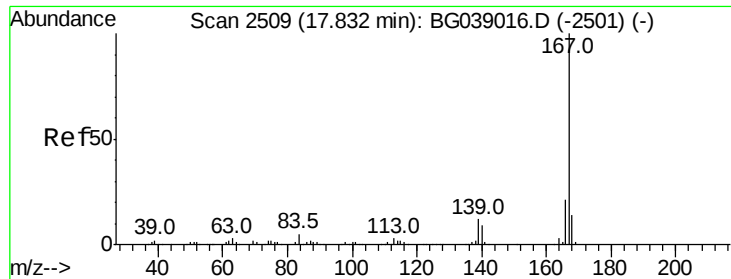
Tot Ion:178 Resp: 469421
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.7 12.9 19.3



#72
Anthracene
Concen: 43.819 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:178 Resp: 461533
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 16.8 13.0 19.4

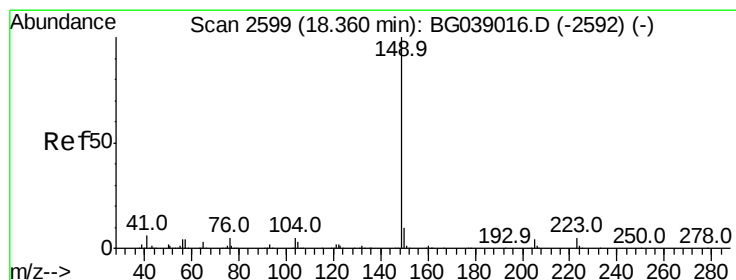
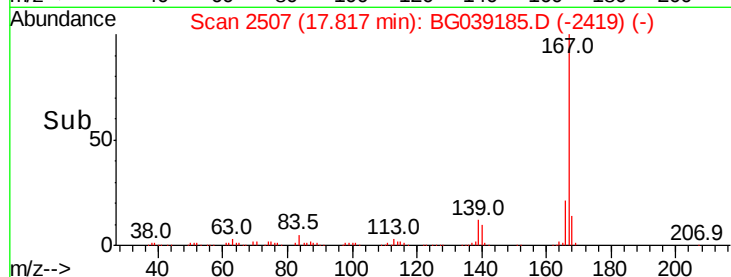
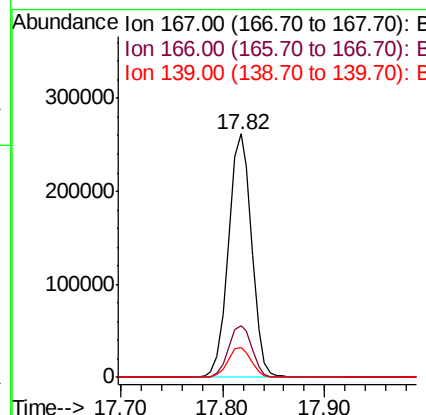
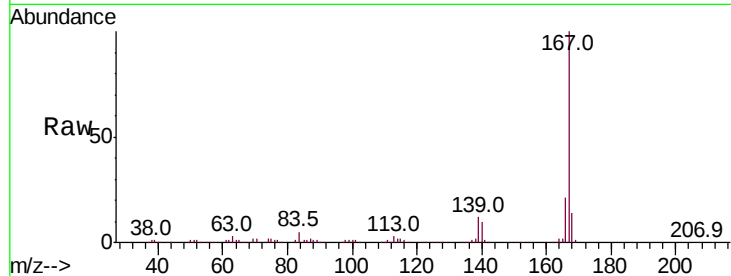




#73
 Carbazole
 Concen: 39.882 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

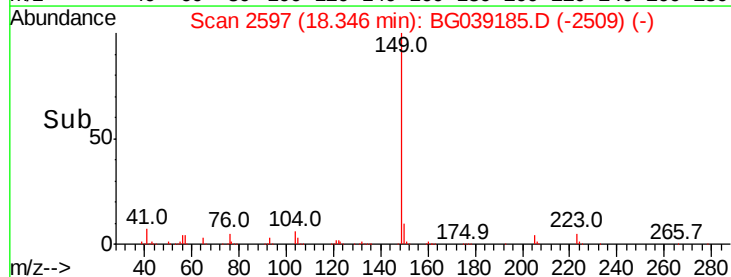
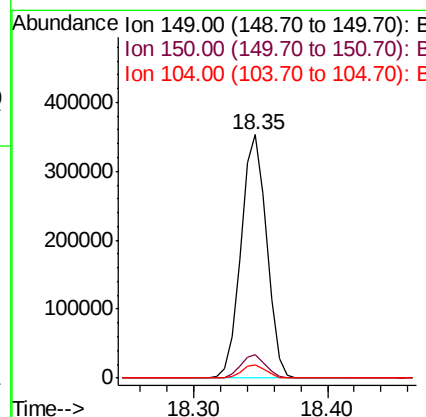
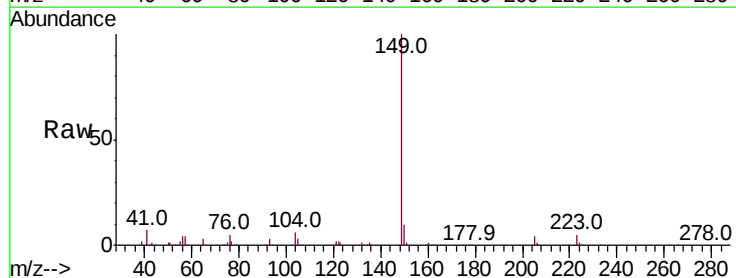
Instrument :
 BNA_G
 ClientSampleId :
 PB116407BS

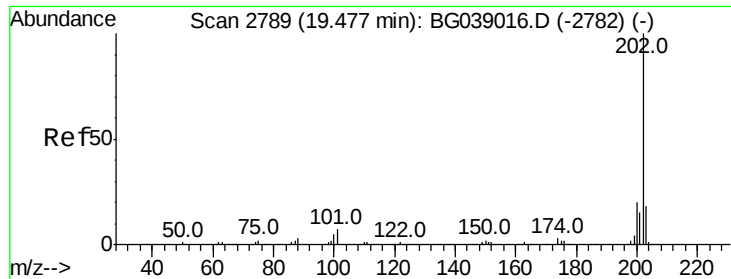
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 40.521 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 45.805 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

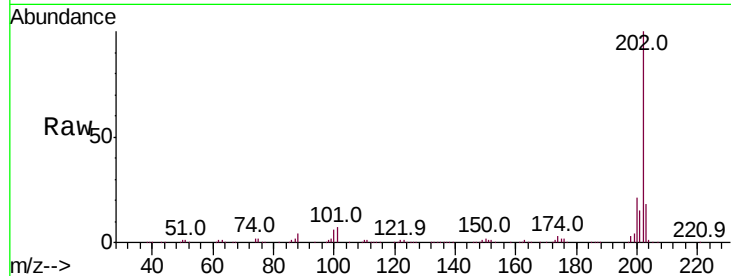
Tot Ion:202 Resp: 604898

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.9

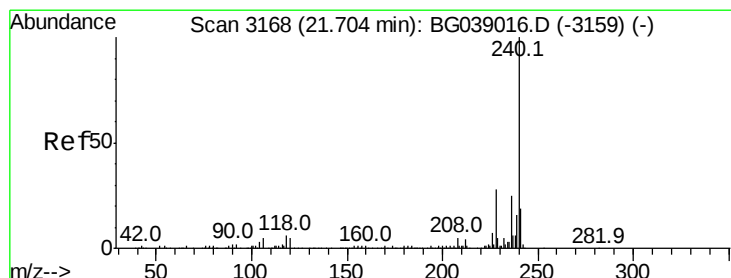
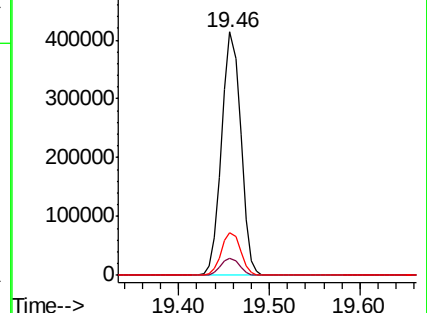
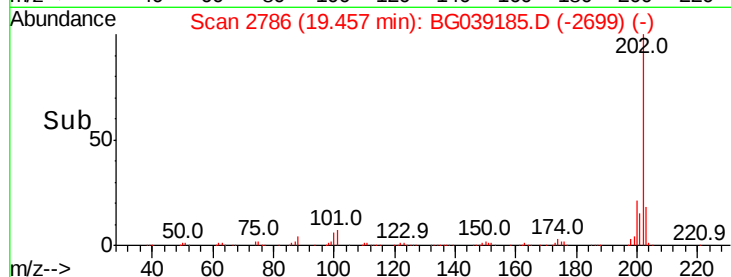
203 17.8 0.0 38.1



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# 3165

Delta R.T. -0.02 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

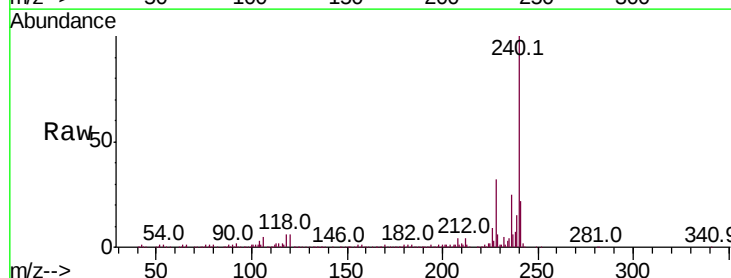
Tgt Ion:240 Resp: 235047

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

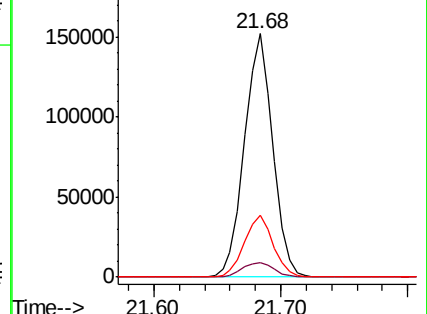
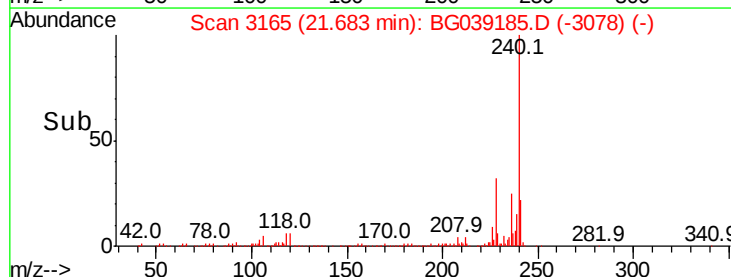
236 25.4 20.1 30.1

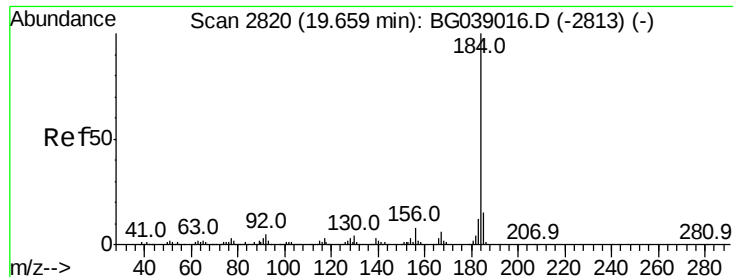


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.003 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

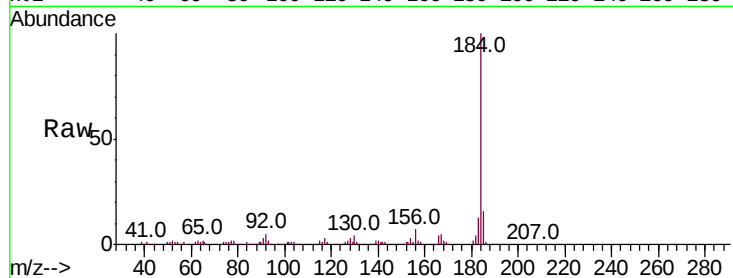
Tot Ion:184 Resp: 208509

Ion Ratio Lower Upper

184 100

185 16.1 12.1 18.1

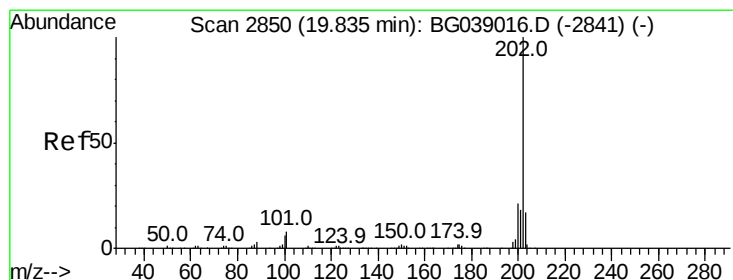
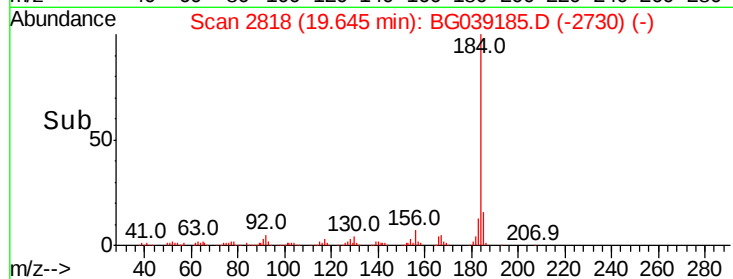
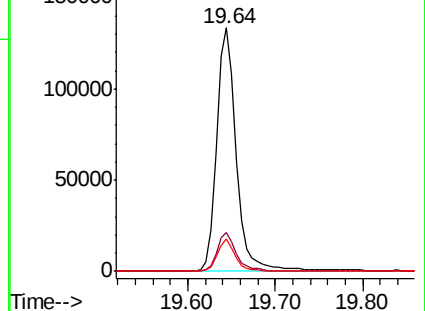
183 13.4 9.5 14.3



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: 40.030 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

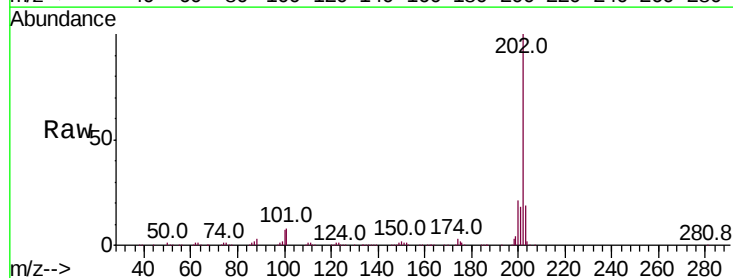
Tgt Ion:202 Resp: 599624

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

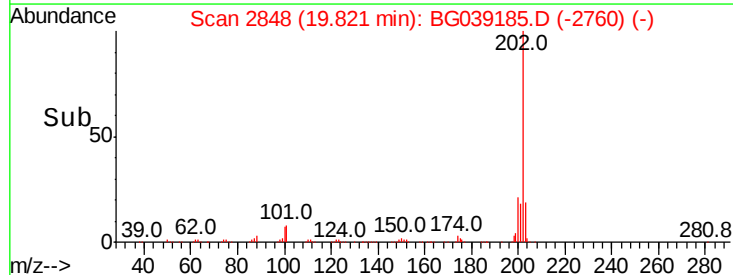
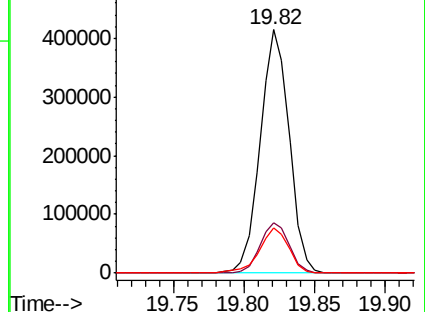
203 18.6 14.0 21.0

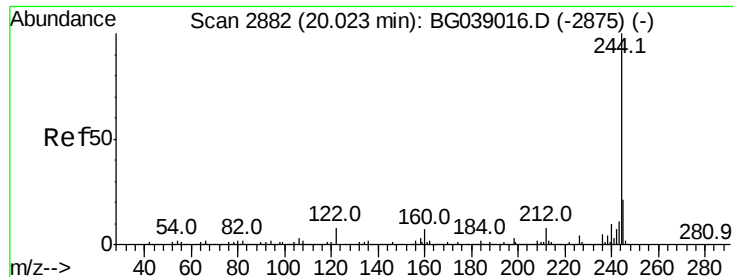


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.521 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

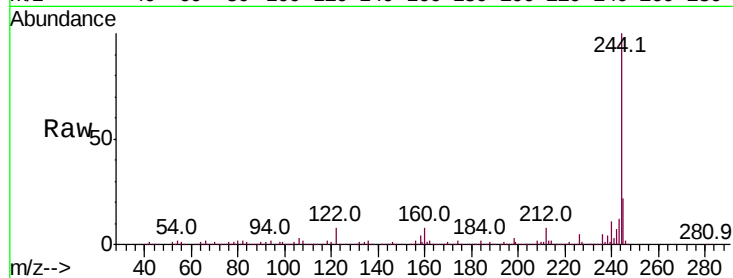
BNA_G

ClientSampleId :

PB116407BS

Tot Ion:244 Resp: 972276

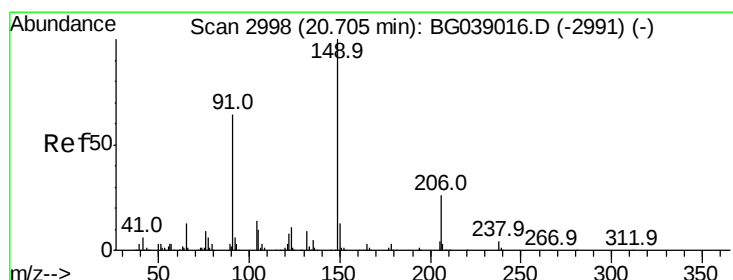
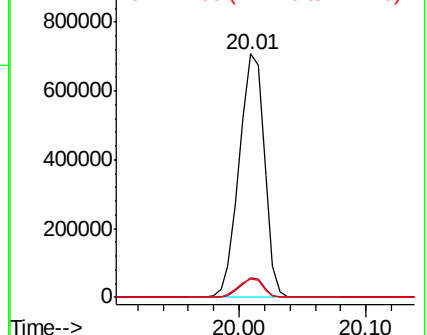
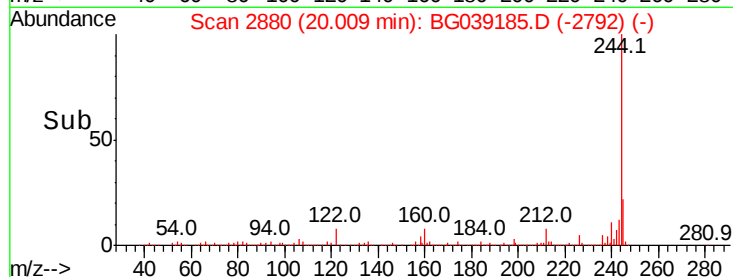
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	7.6	6.1	9.1



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: 43.866 ng

RT: 20.69 min Scan# 2996

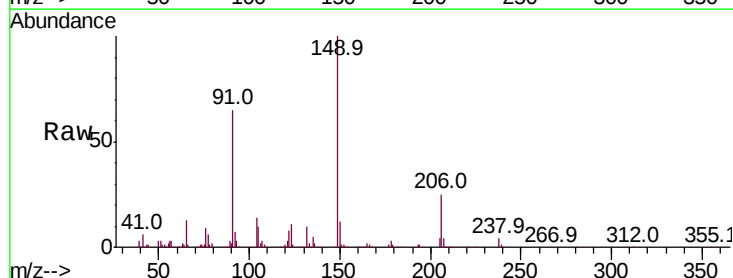
Delta R.T. -0.01 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Tgt Ion:149 Resp: 249911

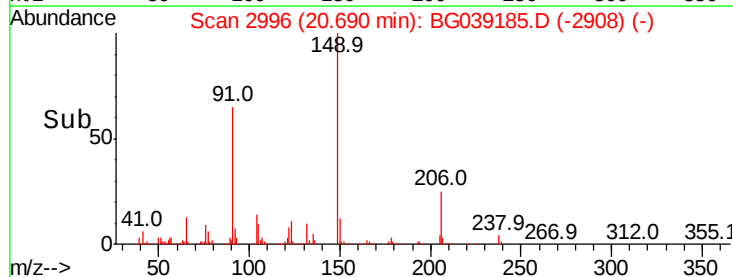
Ion	Ratio	Lower	Upper
149	100		
91	64.6	51.4	77.0
206	25.3	20.4	30.6

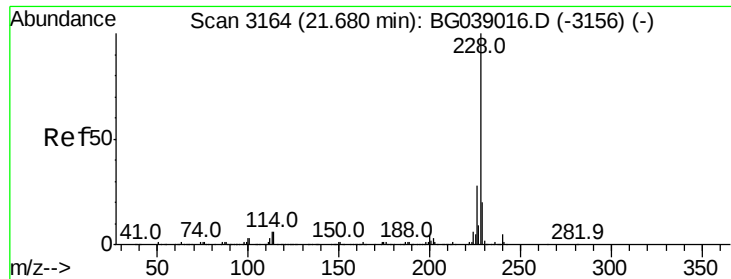


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

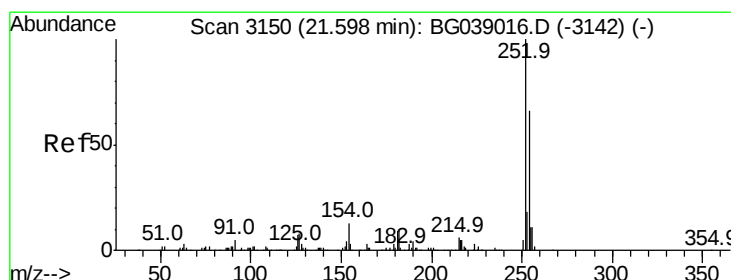
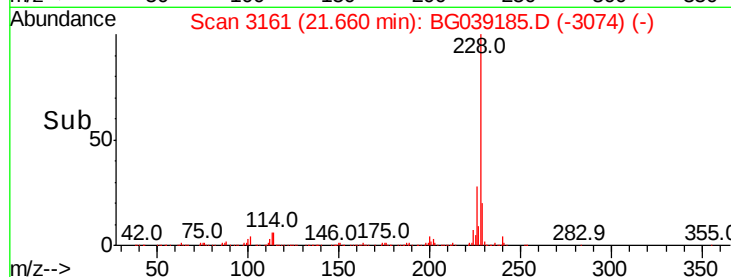
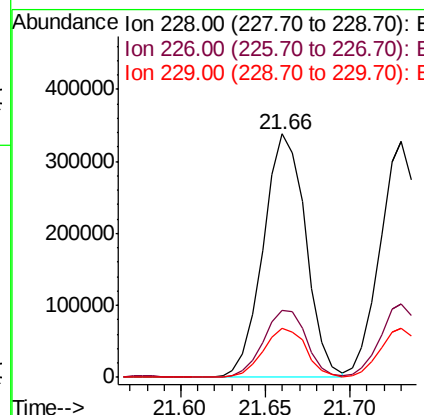
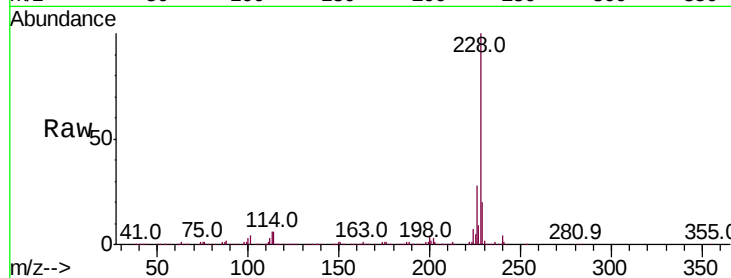




#81
Benzo(a)anthracene
Concen: 41.327 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

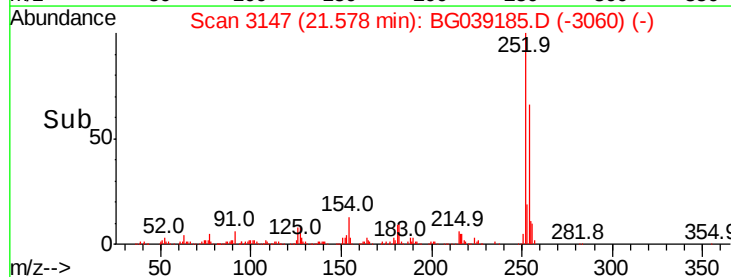
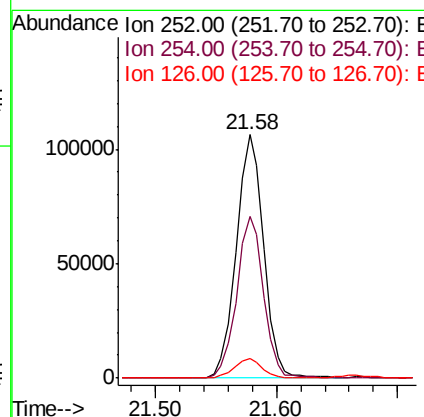
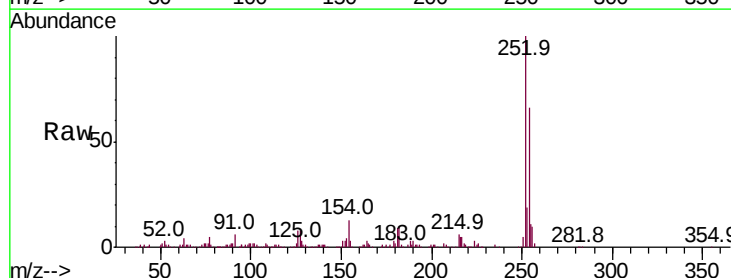
Instrument :
BNA_G
ClientSampleId :
PB116407BS

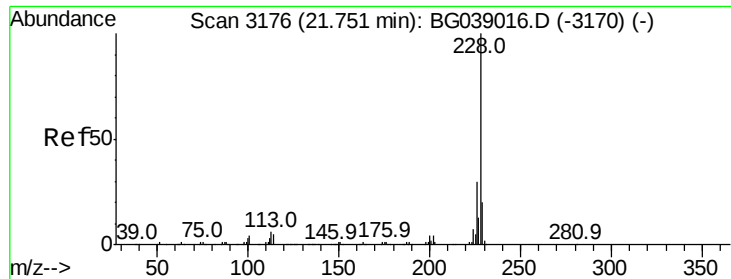
Tot Ion:228 Resp: 591322
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 28.790 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:252 Resp: 167843
Ion Ratio Lower Upper
252 100
254 66.3 53.0 79.6
126 8.1 6.0 9.0

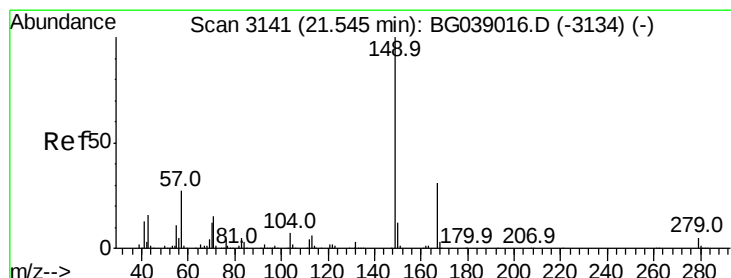
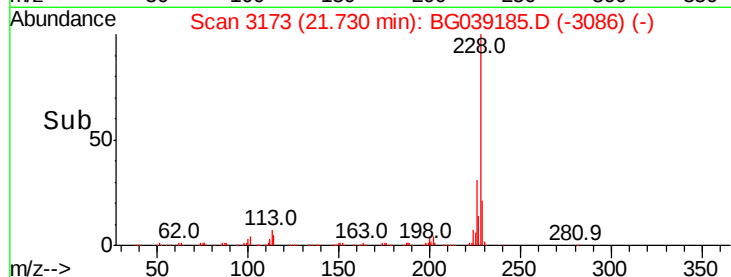
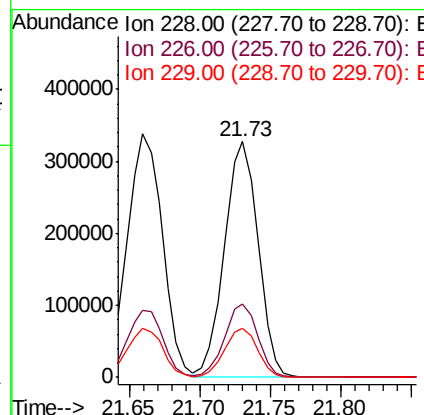
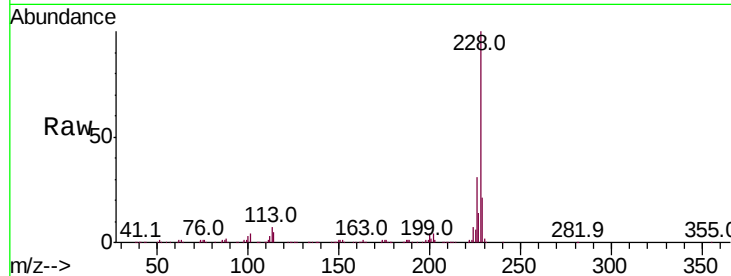




#83
 Chrysene
 Concen: 39.850 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.02 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

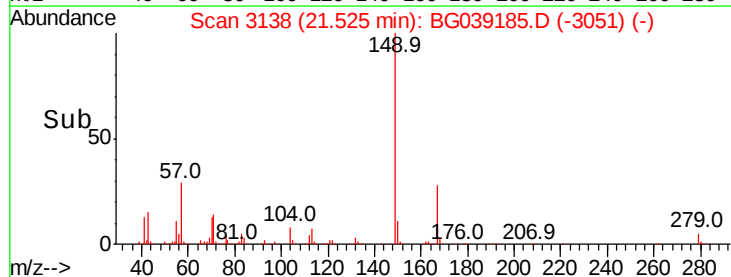
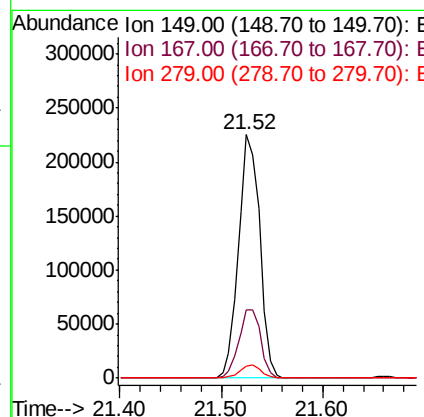
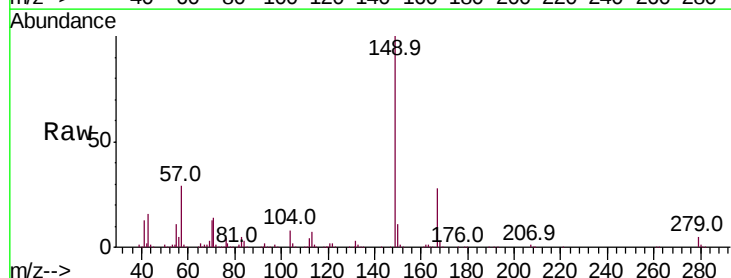
Instrument :
 BNA_G
 ClientSampleID :
 PB116407BS

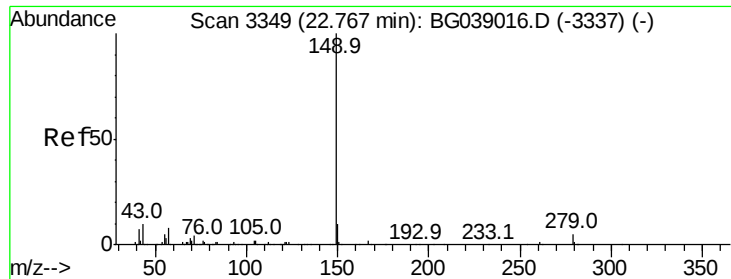
Tot Ion:228 Resp: 542305
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.1 36.1
 229 20.6 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.452 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039185.D
 Acq: 17 Jan 2019 14:07

Tgt Ion:149 Resp: 327909
 Ion Ratio Lower Upper
 149 100
 167 28.3 25.0 37.4
 279 4.9 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 41.669 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.03 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

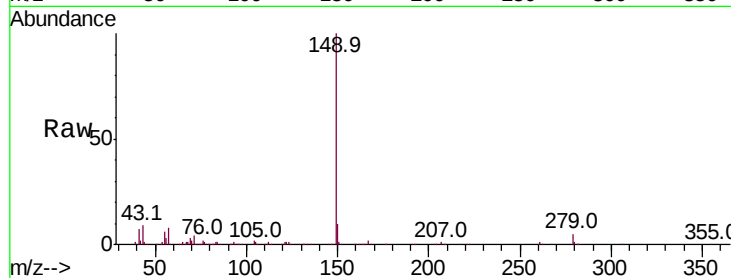
Tot Ion:149 Resp: 557365

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.7 7.5 11.3

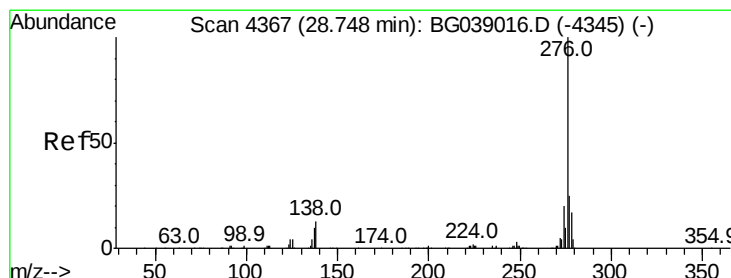
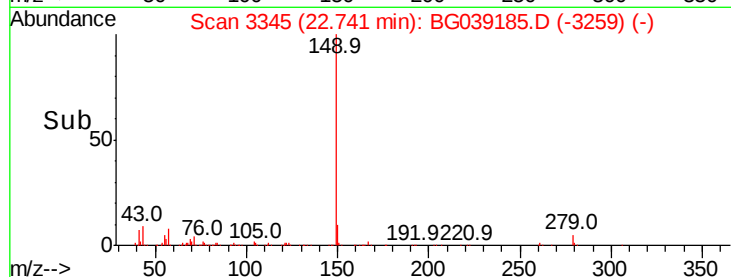
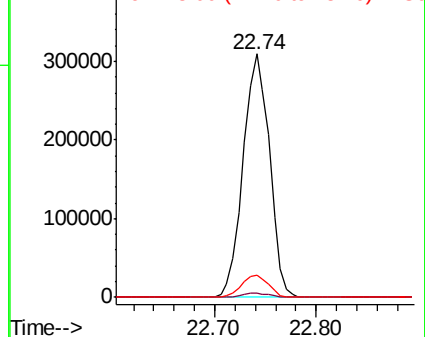


Abundance

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: 39.769 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.06 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

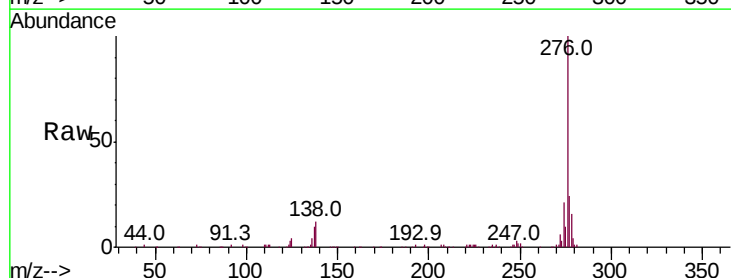
Tgt Ion:276 Resp: 646683

Ion Ratio Lower Upper

276 100

138 0.0 8.0 12.0#

277 25.3 20.3 30.5

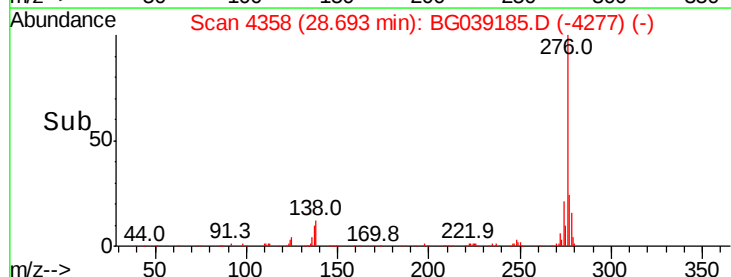
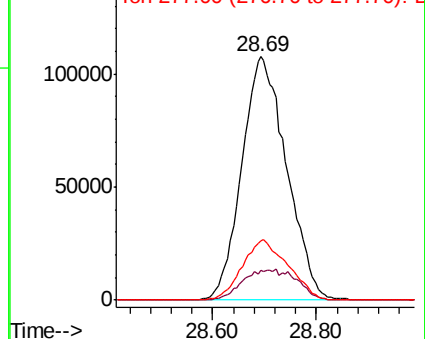


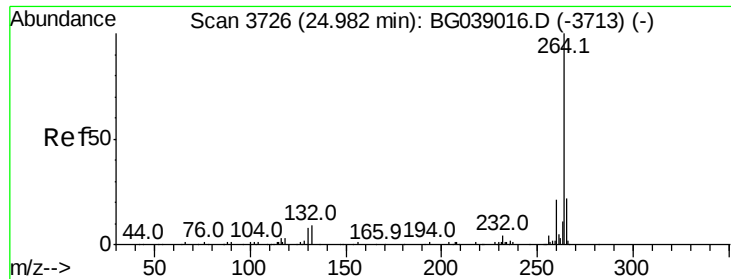
Abundance

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

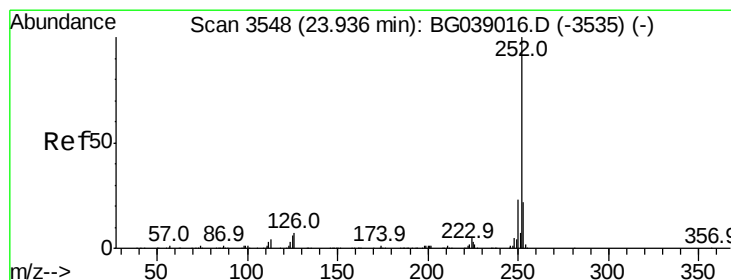
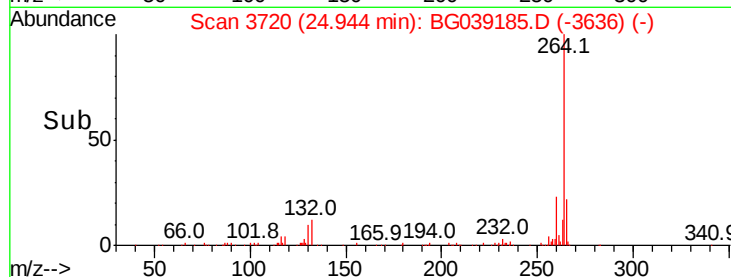
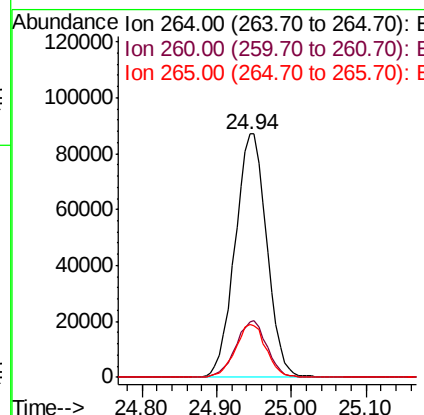
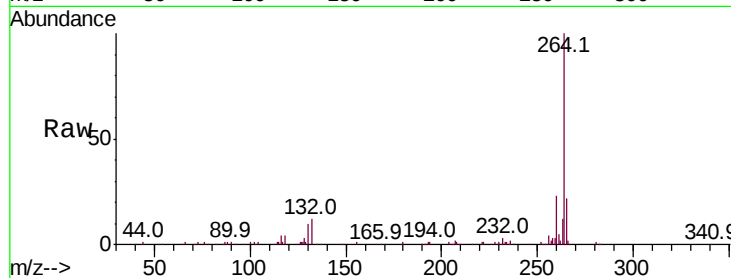




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.04 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

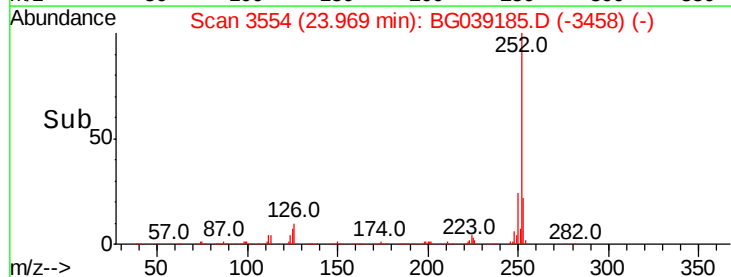
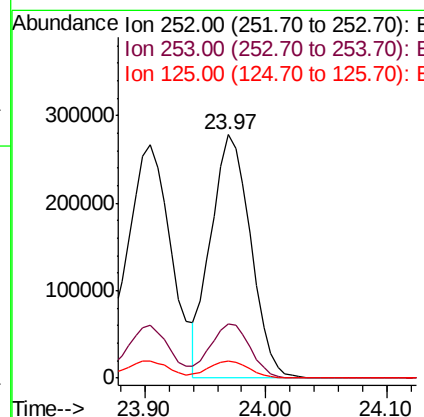
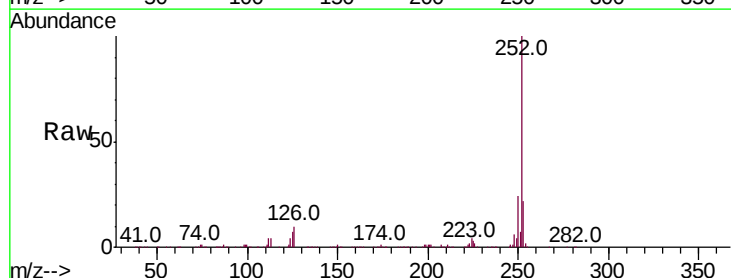
Instrument :
BNA_G
ClientSampleId :
PB116407BS

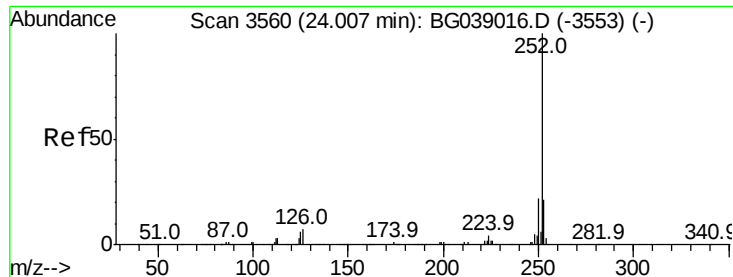
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.0	25.6
265	21.7	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 44.669 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.03 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.1	4.9	7.3

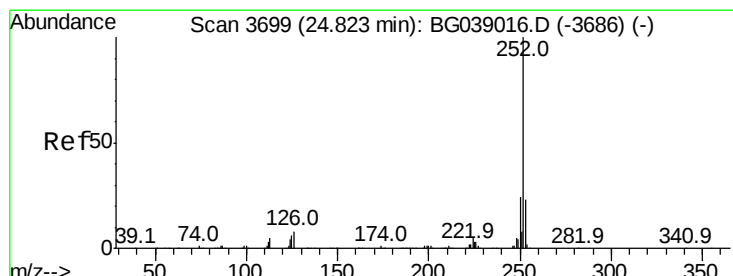
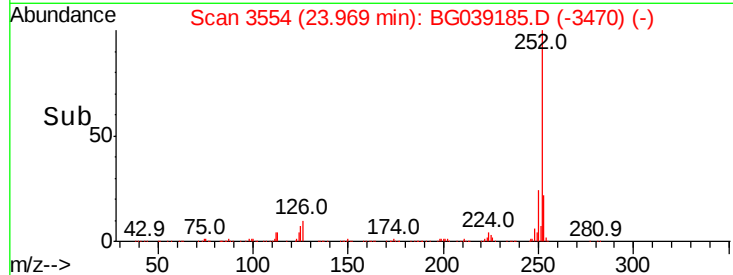
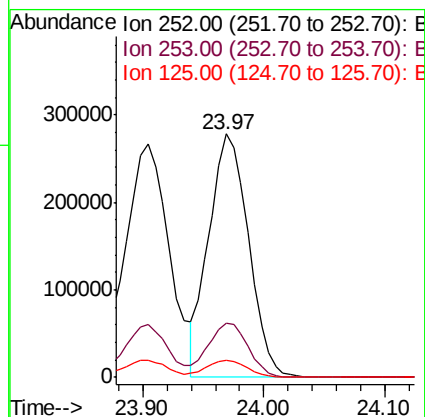
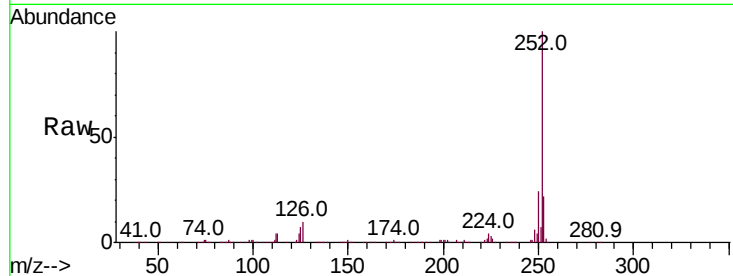




#89
Benzo(k)fluoranthene
Concen: 45.178 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.04 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

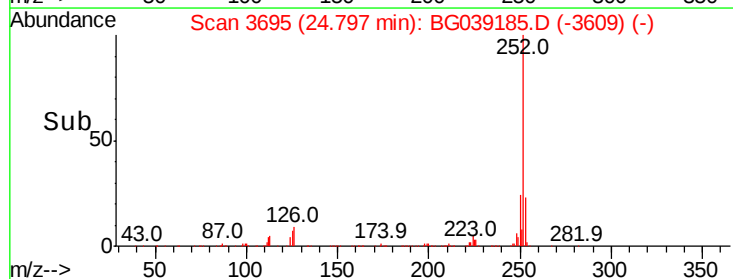
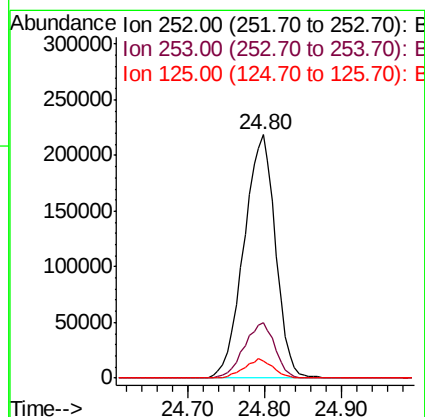
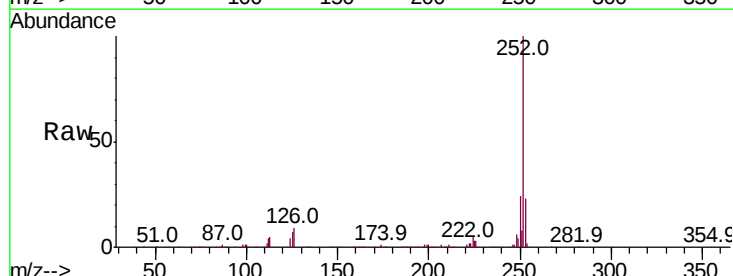
Instrument :
BNA_G
ClientSampleId :
PB116407BS

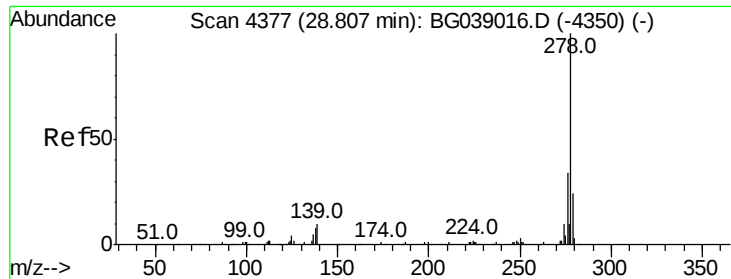
Tot Ion:252 Resp: 631959
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 7.1 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 45.828 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.03 min
Lab File: BG039185.D
Acq: 17 Jan 2019 14:07

Tgt Ion:252 Resp: 626696
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 7.2 4.9 7.3





#91

Dibenzo(a,h)anthracene

Concen: 39.171 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.05 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Instrument :

BNA_G

ClientSampleId :

PB116407BS

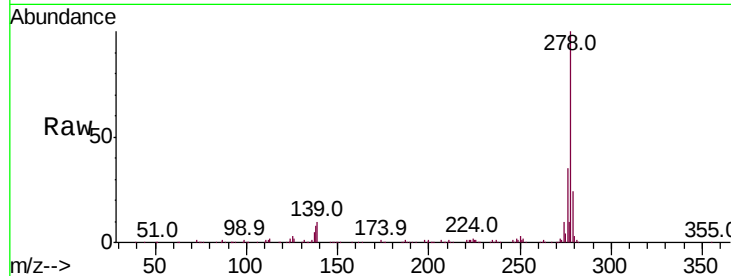
Tot Ion:278 Resp: 532801

Ion Ratio Lower Upper

278 100

139 9.6 7.9 11.9

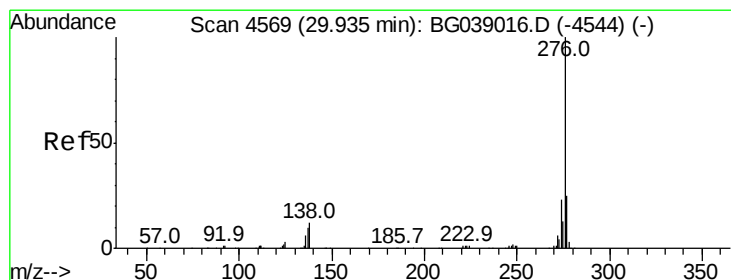
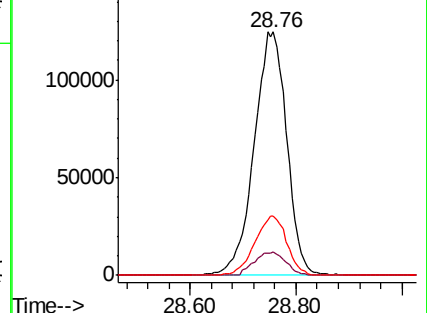
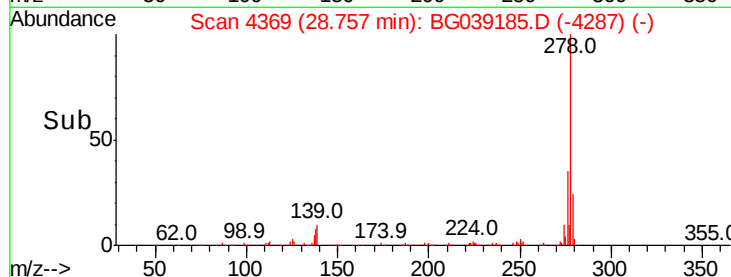
279 24.2 19.3 28.9



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: 39.494 ng

RT: 29.88 min Scan# 4560

Delta R.T. -0.06 min

Lab File: BG039185.D

Acq: 17 Jan 2019 14:07

Tgt Ion:276 Resp: 531819

Ion Ratio Lower Upper

276 100

277 24.9 20.3 30.5

138 11.8 9.4 14.2

