

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039382.D
 Acq On : 7 Feb 2019 14:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 08 09:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57821	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	250821	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	162193	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	384405	20.00	ng	0.00
76) Chrysene-d12	21.84	240	381409	20.00	ng	-0.01
87) Perylene-d12	25.22	264	396079	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	279895	82.85	ng	0.00
7) Phenol-d6	7.31	99	410135	82.47	ng	0.00
23) Nitrobenzene-d5	9.35	82	373349	92.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	153822	88.07	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	897422	79.37	ng	0.00
79) Terphenyl-d14	20.14	244	1373679	76.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	59111	40.00	ng	94
3) Pyridine	4.01	79	165211	42.23	ng	96
4) n-Nitrosodimethylamine	3.93	42	72826	37.22	ng	87
6) Aniline	7.50	93	244952	39.33	ng	100
8) 2-Chlorophenol	7.74	128	155102	42.00	ng	95
9) Benzaldehyde	7.32	77	102304	41.69	ng	98
10) Phenol	7.34	94	210814	40.67	ng	98
11) bis(2-Chloroethyl)ether	7.60	93	164460	40.15	ng	98
12) 1,3-Dichlorobenzene	8.07	146	180787	40.41	ng	98
13) 1,4-Dichlorobenzene	8.21	146	181692	40.75	ng	97
14) 1,2-Dichlorobenzene	8.54	146	171799	39.80	ng	97
15) Benzyl Alcohol	8.41	79	157934	40.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	331346	35.82	ng	98
17) 2-Methylphenol	8.61	107	135563	40.41	ng	94
18) Hexachloroethane	9.26	117	64790	42.23	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	138029	39.11	ng	95
20) 3+4-Methylphenols	8.94	107	188480	40.80	ng	96
22) Acetophenone	9.01	105	265716	39.44	ng	96
24) Nitrobenzene	9.40	77	193508	44.61	ng	99
25) Isophorone	9.92	82	332272	37.35	ng	96
26) 2-Nitrophenol	10.10	139	85936	49.96	ng	97
27) 2,4-Dimethylphenol	10.15	122	144604	40.18	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	219177	39.99	ng	96
29) 2,4-Dichlorophenol	10.63	162	170935	43.46	ng	93
30) 1,2,4-Trichlorobenzene	10.86	180	187450	42.45	ng	99
31) Naphthalene	11.05	128	487643	39.19	ng	98
32) Benzoic acid	10.25	122	94881	41.71	ng	98
33) 4-Chloroaniline	11.16	127	225936	39.16	ng	98
34) Hexachlorobutadiene	11.31	225	125979	42.89	ng	96
35) Caprolactam	11.95	113	65639	40.33	ng	97
36) 4-Chloro-3-methylphenol	12.25	107	181477	39.89	ng	96
37) 2-Methylnaphthalene	12.64	142	357300	38.77	ng	97
38) 1-Methylnaphthalene	12.86	142	346789	39.04	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	219539	42.54	ng	98

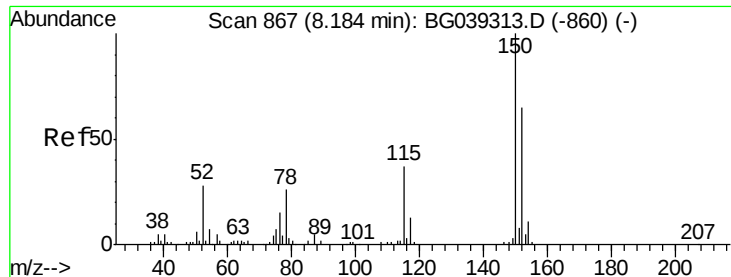
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	114168	40.60	ng	97
43) 2,4,6-Trichlorophenol	13.24	196	140634	44.32	ng	98
44) 2,4,5-Trichlorophenol	13.30	196	149157	44.85	ng	98
46) 1,1'-Biphenyl	13.64	154	532756	39.48	ng	99
47) 2-Chloronaphthalene	13.69	162	406644	40.06	ng	99
48) 2-Nitroaniline	13.89	65	133194	46.08	ng	98
49) Acenaphthylene	14.53	152	604779	39.48	ng	100
50) Dimethylphthalate	14.25	163	522019	39.85	ng	99
51) 2,6-Dinitrotoluene	14.37	165	112590	46.26	ng	98
52) Acenaphthene	14.87	154	387609	38.98	ng	99
53) 3-Nitroaniline	14.71	138	120620	45.94	ng	# 90
54) 2,4-Dinitrophenol	14.91	184	33751	41.20	ng	91
55) Dibenzofuran	15.20	168	634608	39.81	ng	99
56) 4-Nitrophenol	14.99	139	95992	43.39	ng	90
57) 2,4-Dinitrotoluene	15.16	165	156185	49.51	ng	85
58) Fluorene	15.84	166	467030	39.30	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	139241	44.72	ng	97
60) Diethylphthalate	15.60	149	513862	37.94	ng	96
61) 4-Chlorophenyl-phenylether	15.83	204	278916	41.45	ng	93
62) 4-Nitroaniline	15.87	138	125913	46.03	ng	89
63) Azobenzene	16.13	77	484459	36.60	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	71949	47.65	ng	98
66) n-Nitrosodiphenylamine	16.05	169	462767	39.59	ng	98
67) 4-Bromophenyl-phenylether	16.72	248	177158	41.54	ng	96
68) Hexachlorobenzene	16.84	284	181378	42.39	ng	95
69) Atrazine	16.99	200	162707	38.09	ng	96
70) Pentachlorophenol	17.18	266	118259	39.77	ng	97
71) Phenanthrene	17.59	178	770052	38.70	ng	99
72) Anthracene	17.68	178	766093	39.09	ng	99
73) Carbazole	17.95	167	746712	38.18	ng	99
74) Di-n-butylphthalate	18.48	149	874767	38.34	ng	99
75) Fluoranthene	19.59	202	910093	39.41	ng	99
77) Benzidine	19.77	184	450905	36.06	ng	100
78) Pyrene	19.95	202	925918	39.00	ng	100
80) Butylbenzylphthalate	20.82	149	400695	40.01	ng	96
81) Benzo(a)anthracene	21.82	228	885091	39.27	ng	100
82) 3,3'-Dichlorobenzidine	21.73	252	343243	41.07	ng	99
83) Chrysene	21.89	228	848094	39.53	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	563002	39.40	ng	100
85) Di-n-octyl phthalate	22.96	149	946848	40.11	ng	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	978803	42.52	ng	98
88) Benzo(b)fluoranthene	24.14	252	866836	40.13	ng	98
89) Benzo(k)fluoranthene	24.21	252	850850	39.23	ng	98
90) Benzo(a)pyrene	25.06	252	835426	40.16	ng	98
91) Dibenzo(a,h)anthracene	29.20	278	800756	41.10	ng	99
92) Benzo(g,h,i)perylene	30.35	276	797491	41.07	ng	97

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

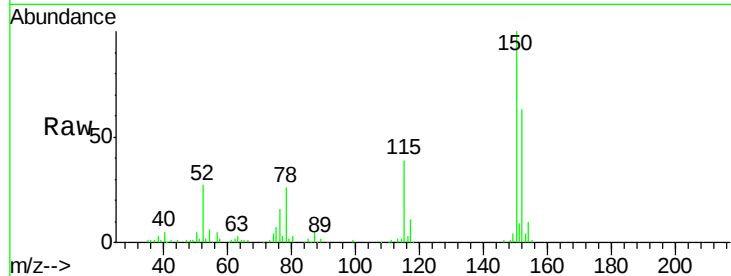


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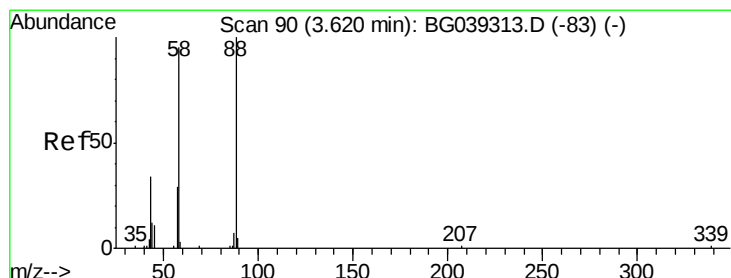
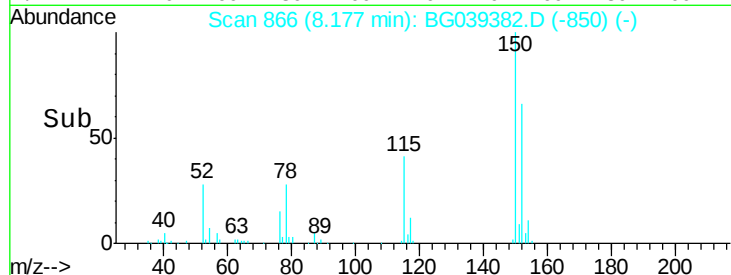
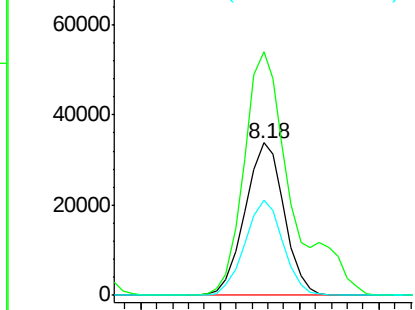
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 57821
Ion Ratio Lower Upper
152 100
150 159.7 123.7 185.5
115 62.3 45.9 68.9



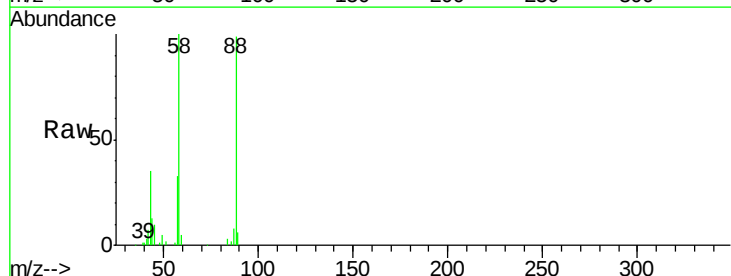
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



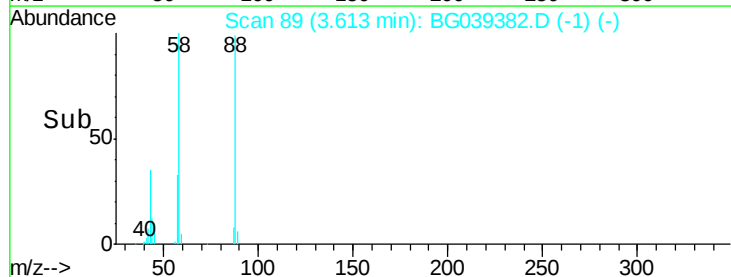
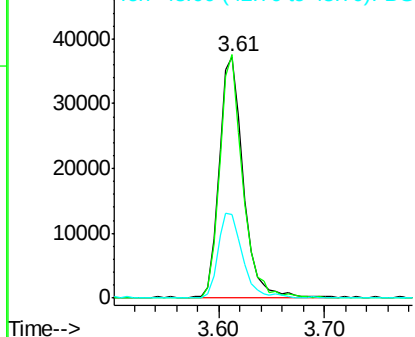
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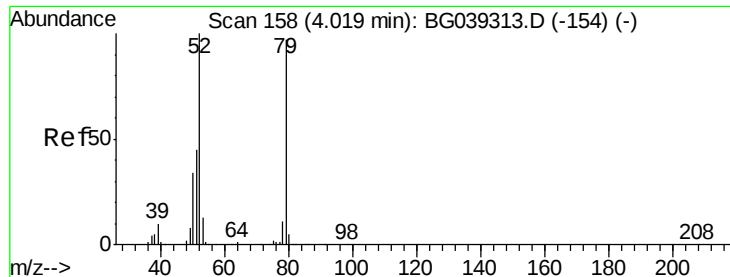
1,4-Dioxane
Concen: 40.00 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion: 88 Resp: 59111
Ion Ratio Lower Upper
88 100
58 95.7 81.1 121.7
43 35.9 31.4 47.0



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: 42.23 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

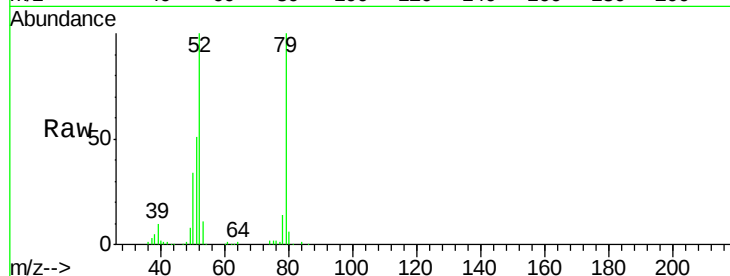
Tot Ion: 79 Resp: 165211

Ion Ratio Lower Upper

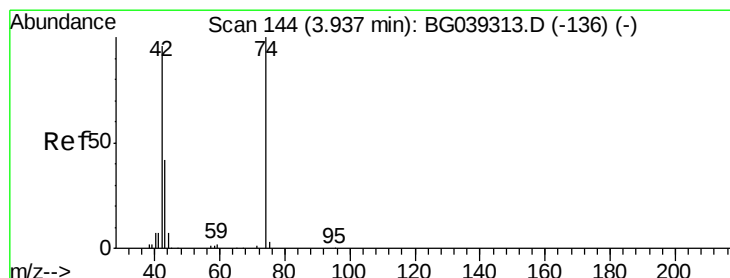
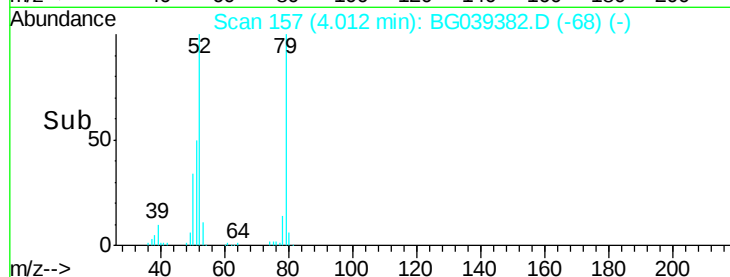
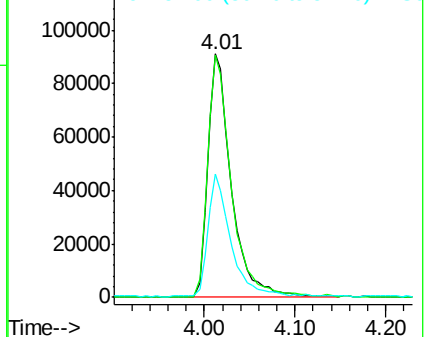
79 100

52 99.7 82.6 124.0

51 50.5 37.5 56.3



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: 37.22 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

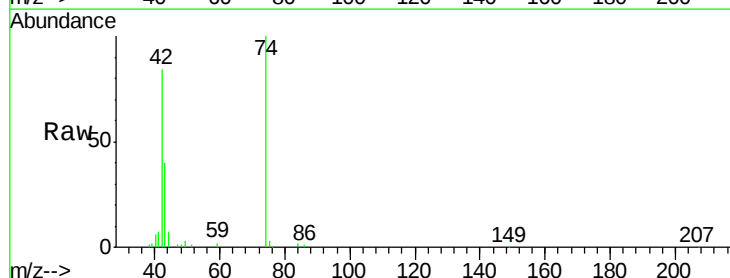
Tgt Ion: 42 Resp: 72826

Ion Ratio Lower Upper

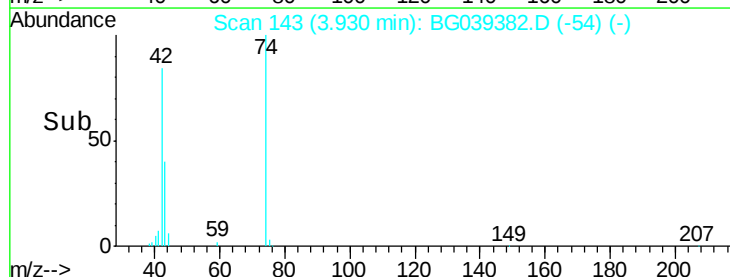
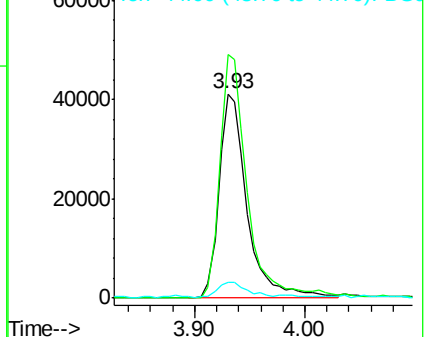
42 100

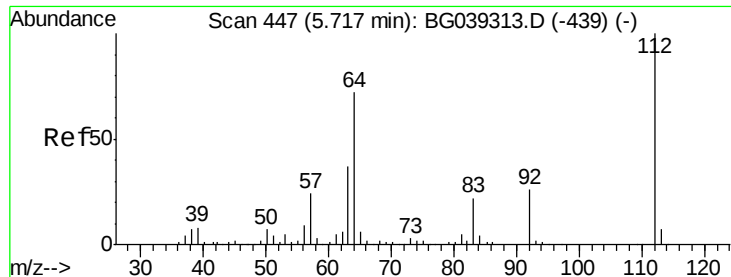
74 119.1 83.6 125.4

44 7.9 6.9 10.3



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: 82.85 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

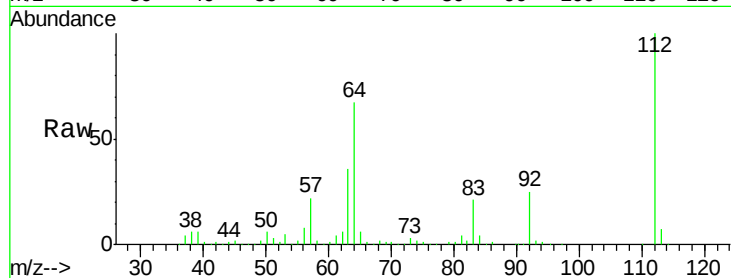
Tot Ion: 112 Resp: 279895

Ion Ratio Lower Upper

112 100

64 67.3 57.8 86.8

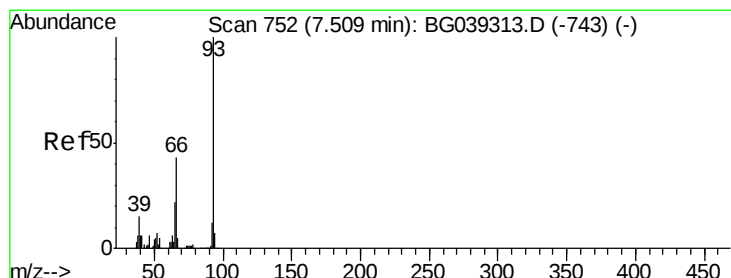
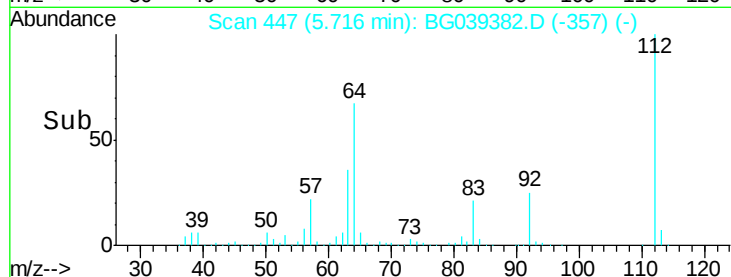
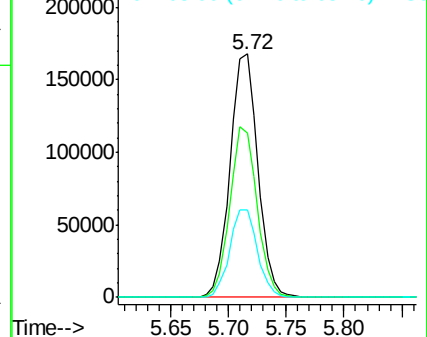
63 36.1 29.8 44.6



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: 39.33 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

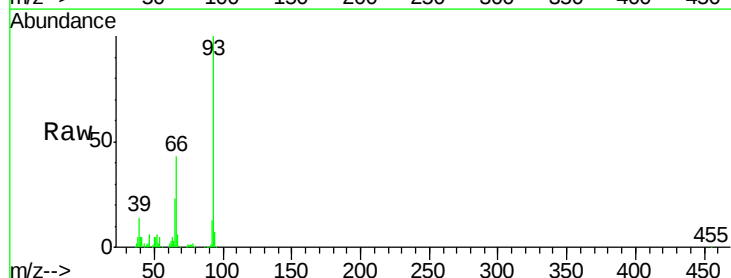
Tgt Ion: 93 Resp: 244952

Ion Ratio Lower Upper

93 100

66 42.8 34.2 51.4

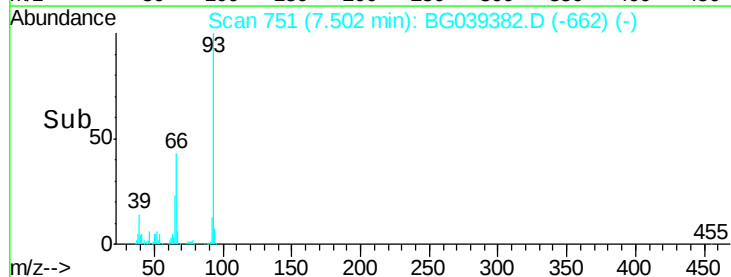
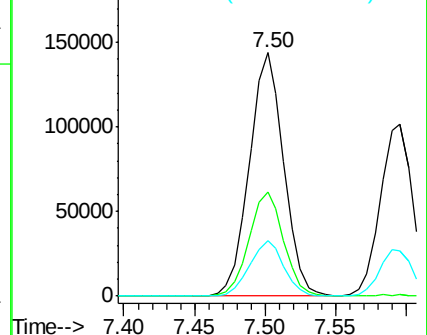
65 22.5 17.7 26.5

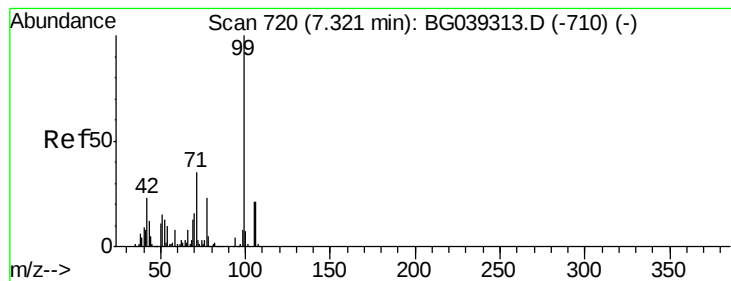


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.47 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

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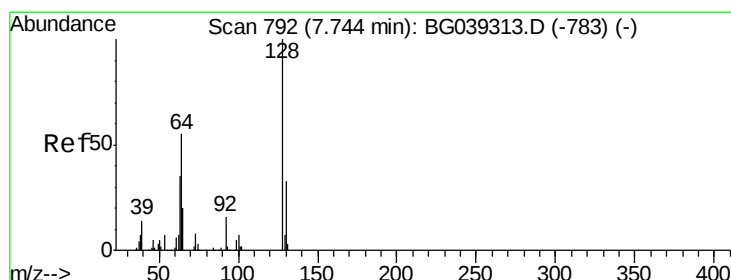
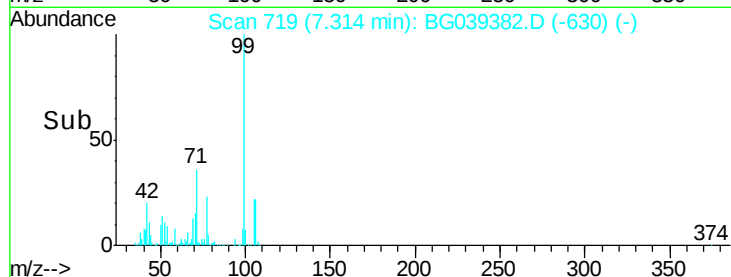
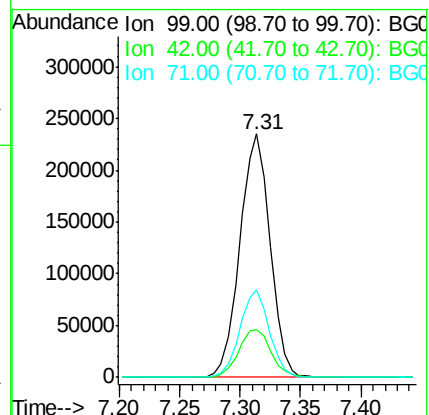
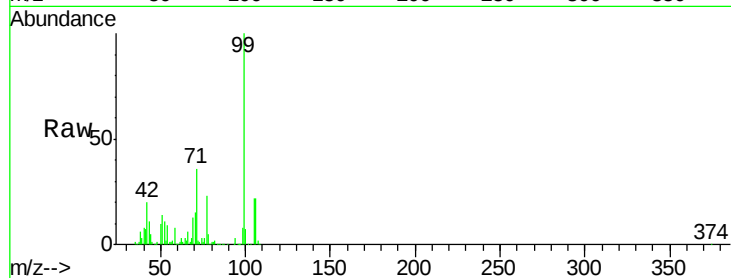
Tot Ion: 99 Resp: 410135

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 35.8 28.0 42.0



#8

2-Chlorophenol

Concen: 42.00 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

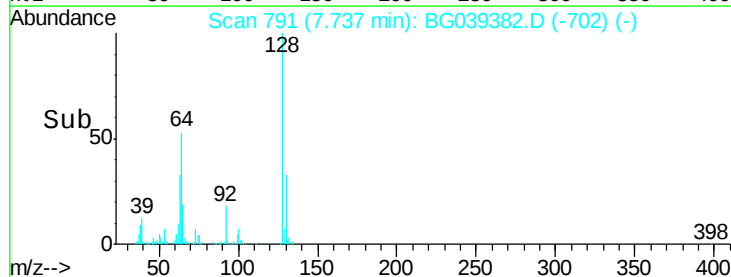
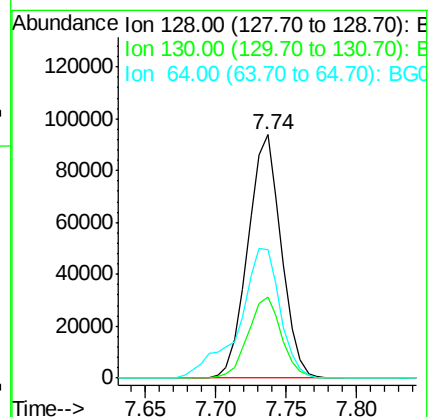
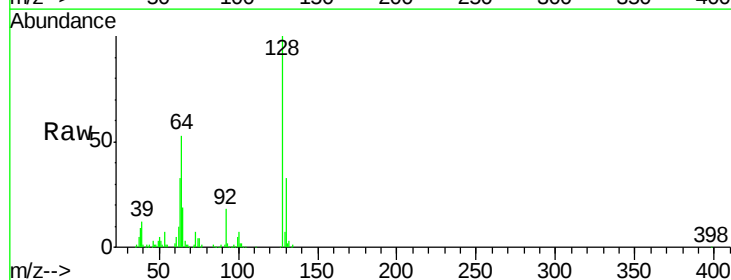
Tgt Ion: 128 Resp: 155102

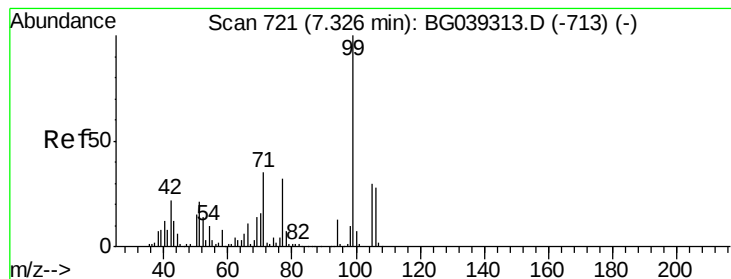
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 52.9 38.7 78.7





#9

Benzaldehyde

Concen: 41.69 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

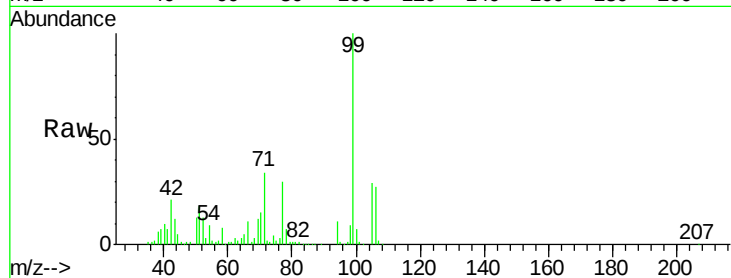
Tot Ion: 77 Resp: 102304

Ion Ratio Lower Upper

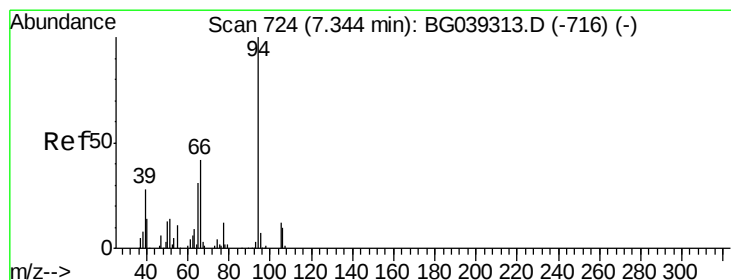
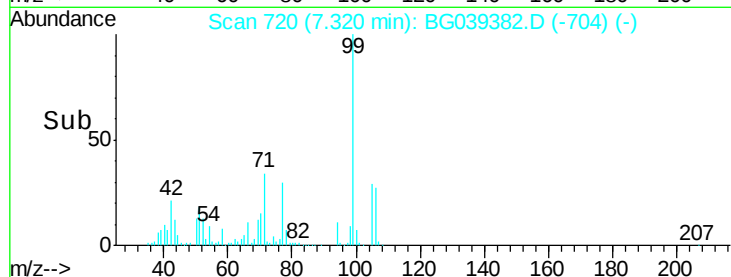
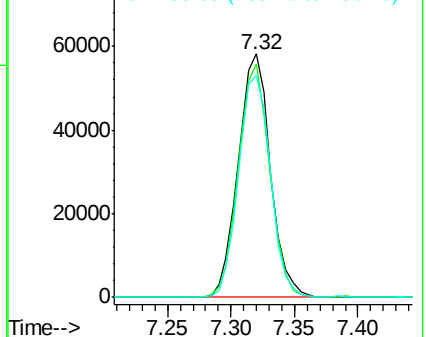
77 100

105 95.8 74.5 114.5

106 91.2 68.0 108.0



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: 40.67 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

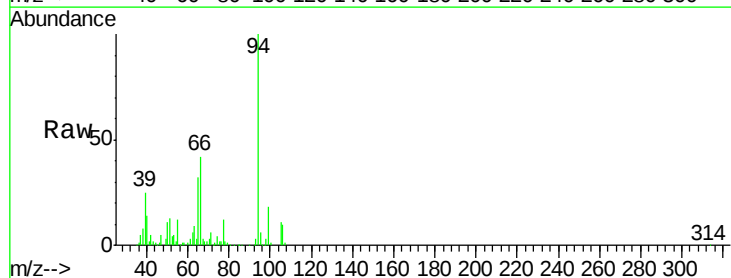
Tgt Ion: 94 Resp: 210814

Ion Ratio Lower Upper

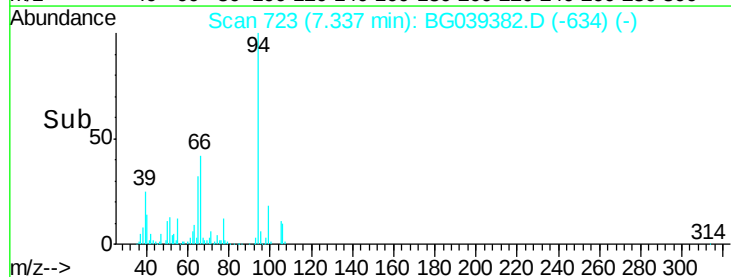
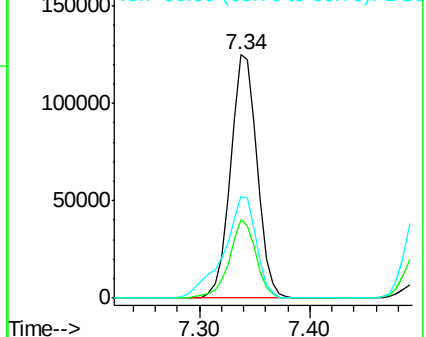
94 100

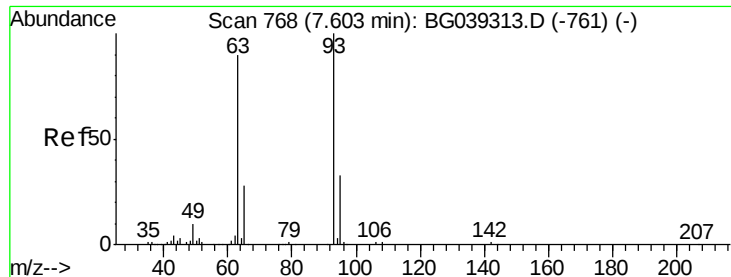
65 32.2 11.7 51.7

66 41.9 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 40.15 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

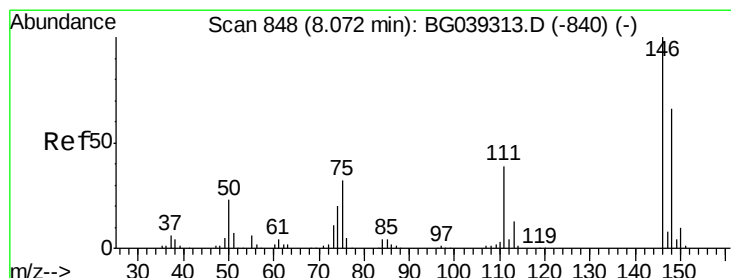
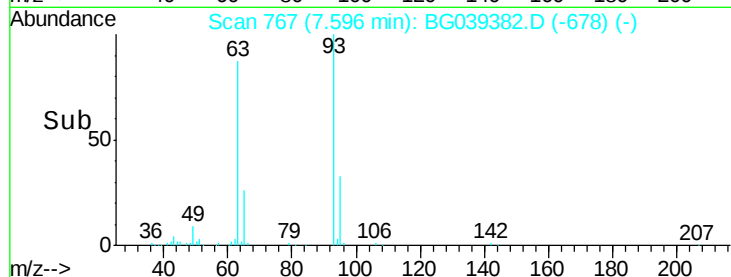
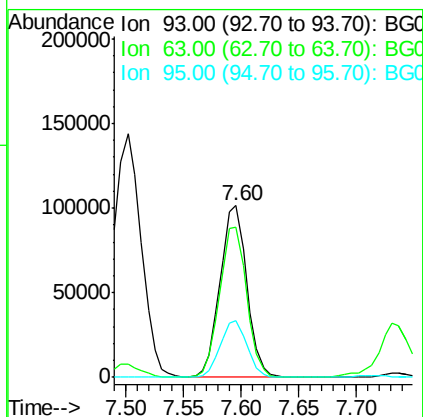
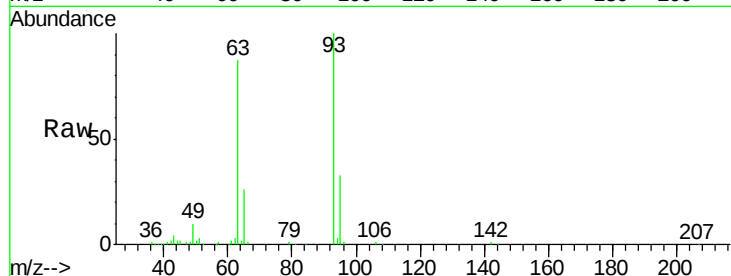
Tot Ion: 93 Resp: 164460

Ion Ratio Lower Upper

93 100

63 87.4 69.5 109.5

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.41 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

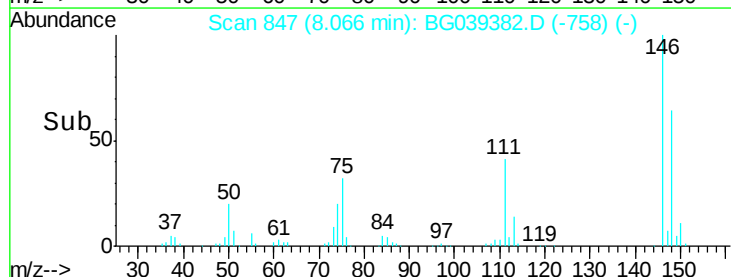
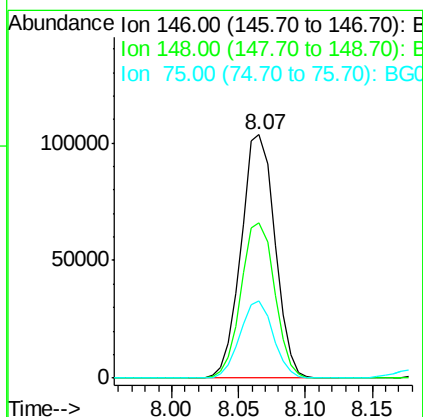
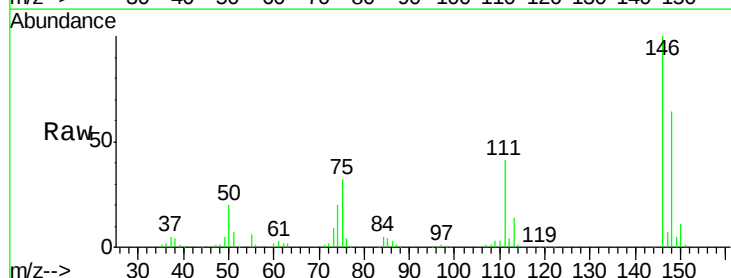
Tgt Ion: 146 Resp: 180787

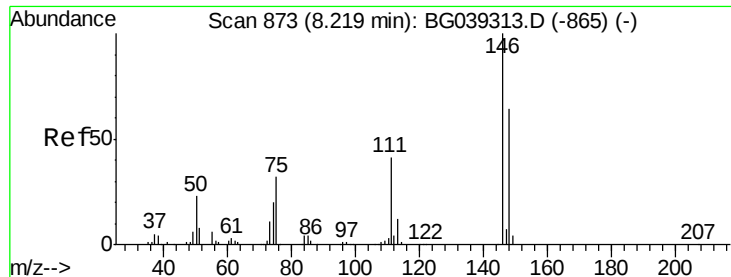
Ion Ratio Lower Upper

146 100

148 63.7 52.6 79.0

75 31.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.75 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

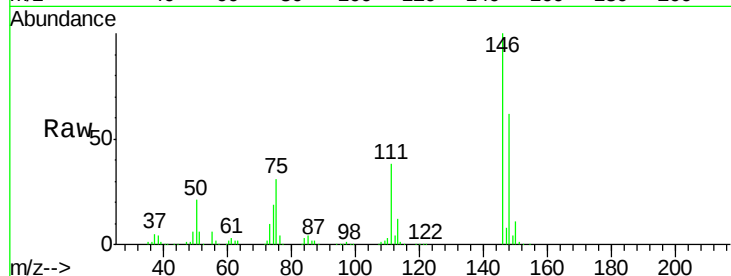
Tot Ion:146 Resp: 181692

Ion Ratio Lower Upper

146 100

148 62.3 51.1 76.7

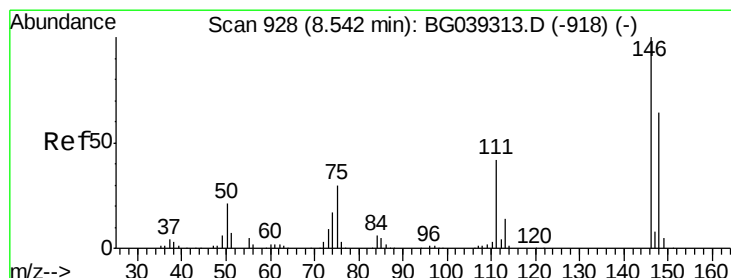
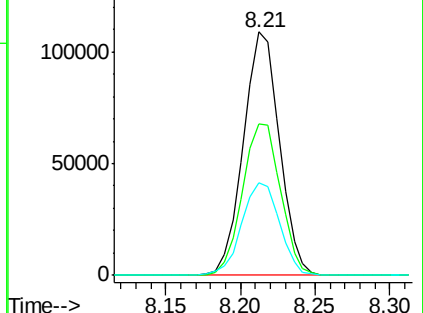
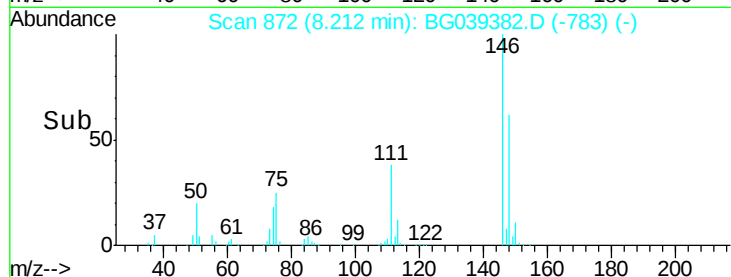
111 38.1 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.80 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

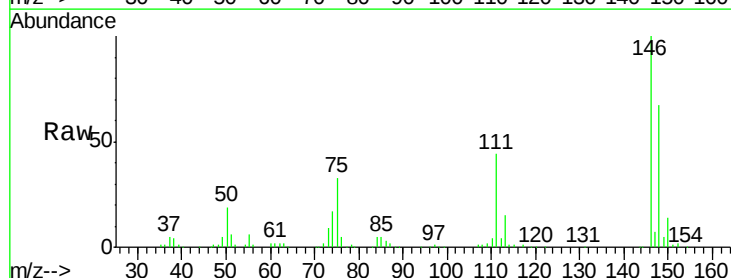
Tgt Ion:146 Resp: 171799

Ion Ratio Lower Upper

146 100

148 66.7 51.5 77.3

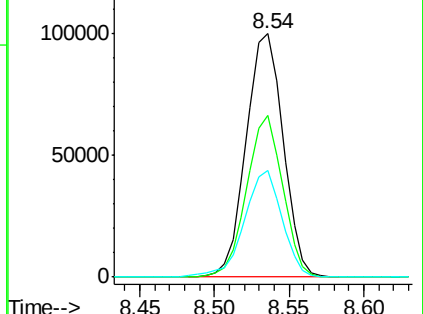
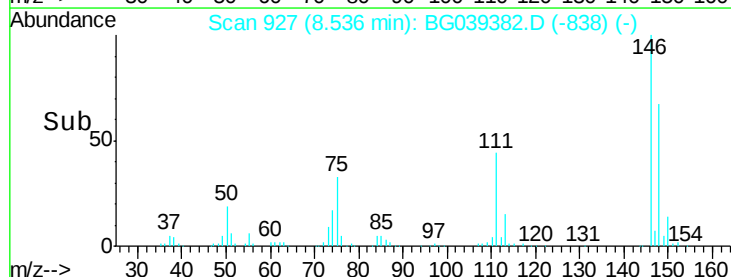
111 43.6 33.8 50.6

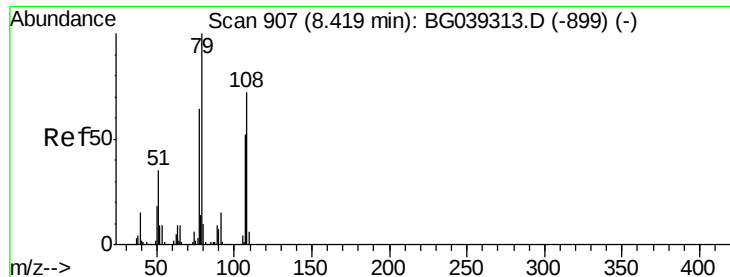


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.45 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

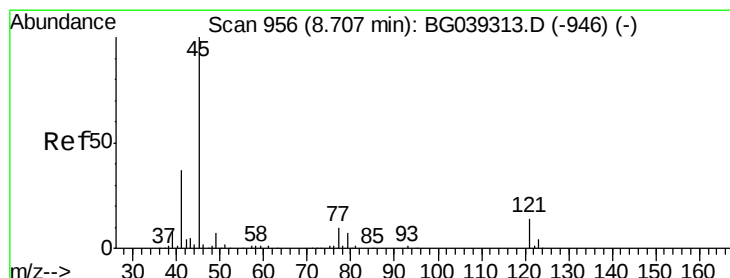
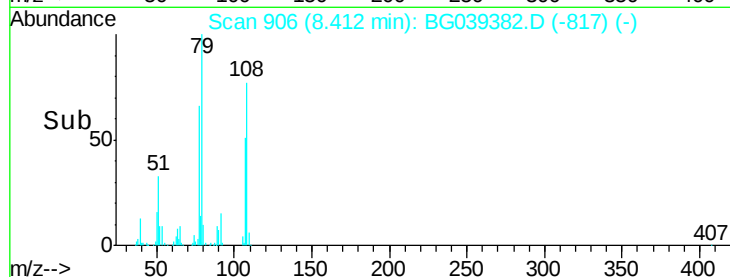
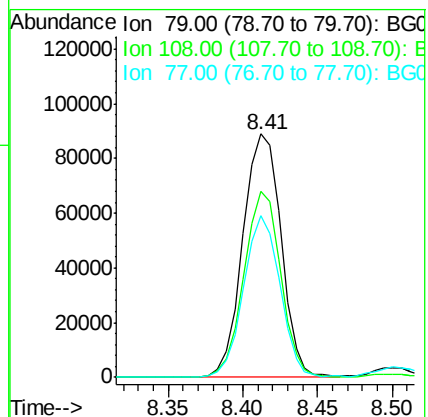
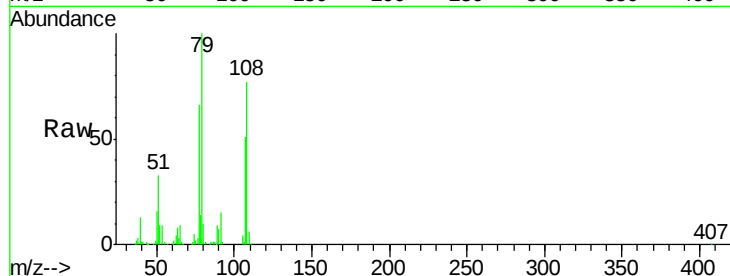
Tot Ion: 79 Resp: 157934

Ion Ratio Lower Upper

79 100

108 76.7 57.8 86.6

77 66.4 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.82 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

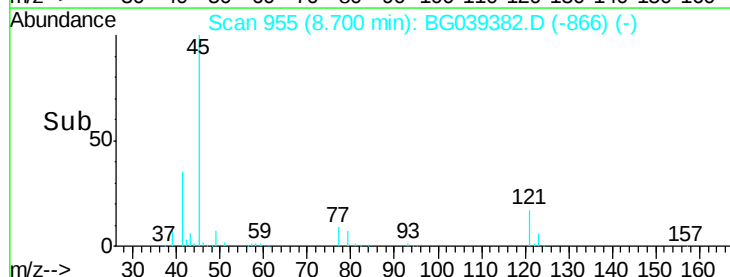
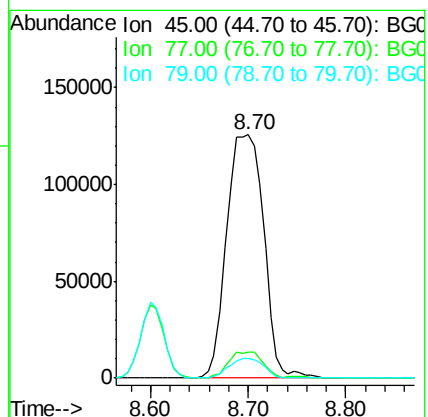
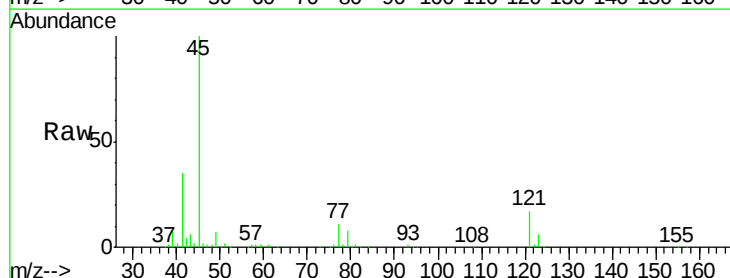
Tgt Ion: 45 Resp: 331346

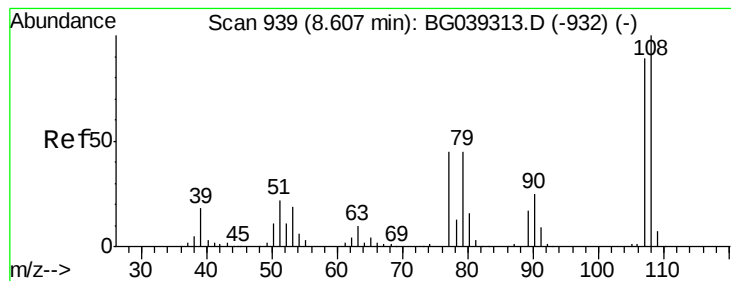
Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.0

79 8.2 0.0 27.5





#17

2-Methylphenol

Concen: 40.41 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 135563

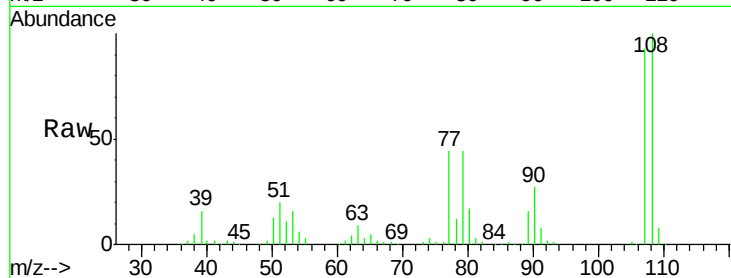
Ion Ratio Lower Upper

107 100

108 107.2 90.8 136.2

77 46.8 40.7 61.1

79 47.2 40.6 60.8

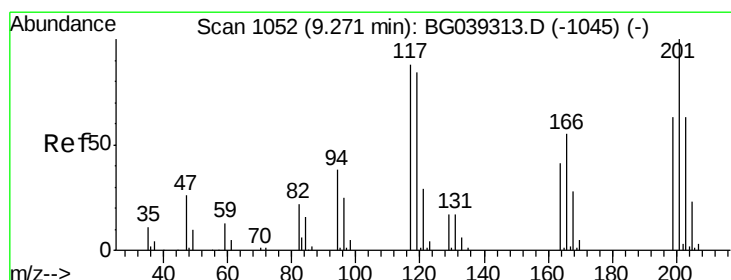
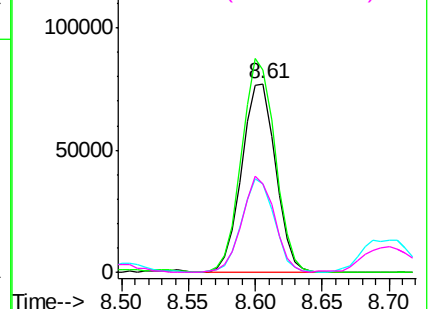
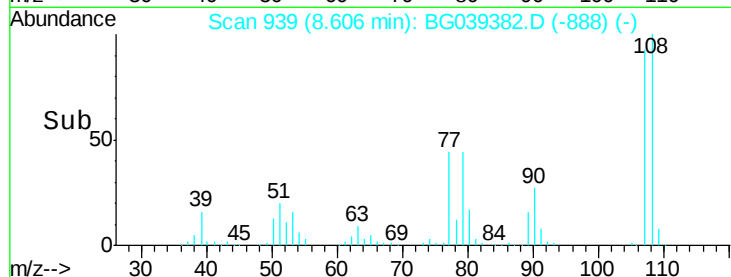


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.23 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

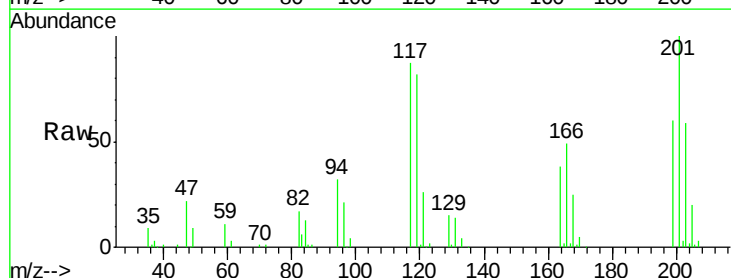
Tgt Ion:117 Resp: 64790

Ion Ratio Lower Upper

117 100

119 94.1 76.3 114.5

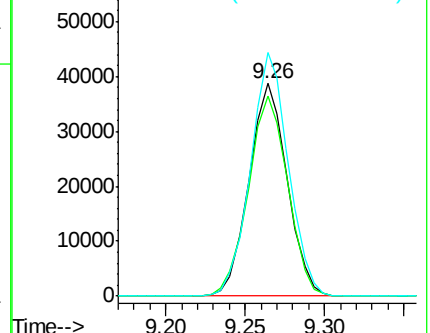
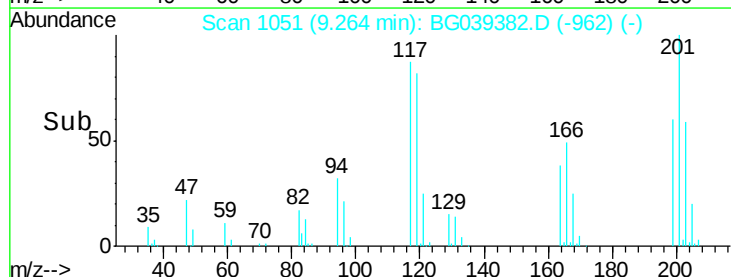
201 114.5 91.1 136.7

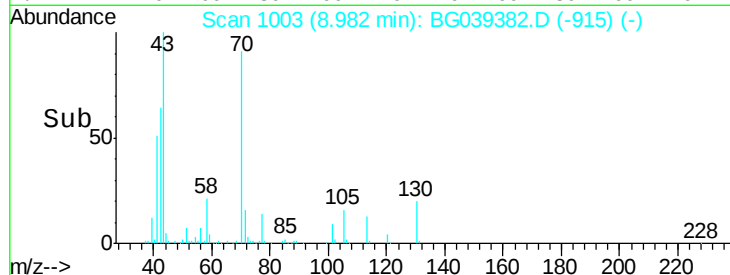
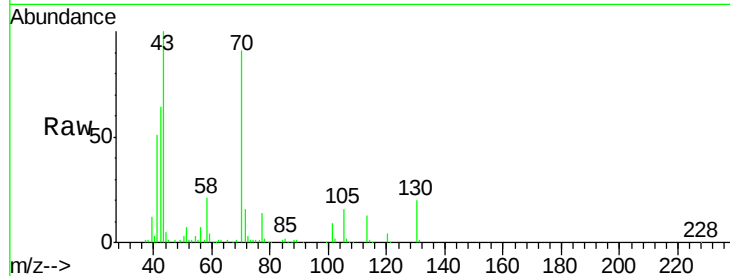
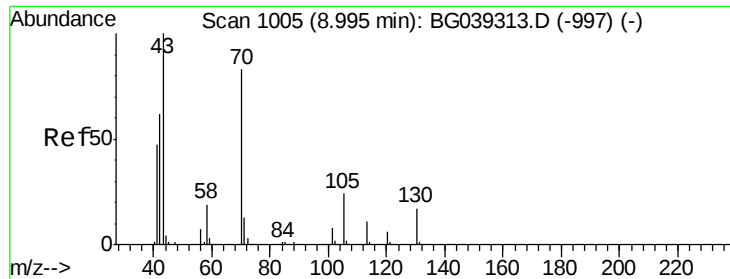


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

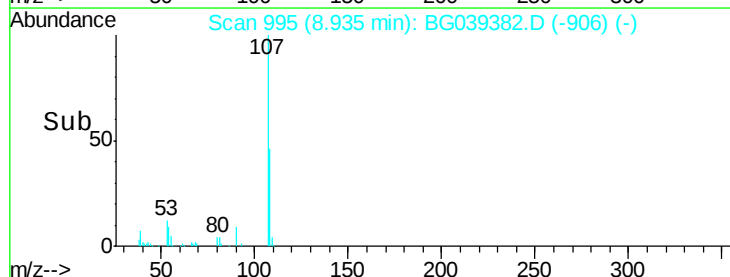
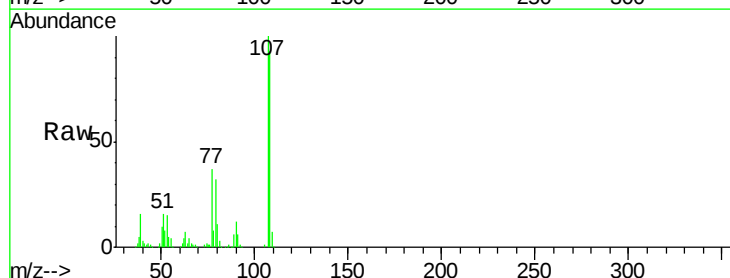
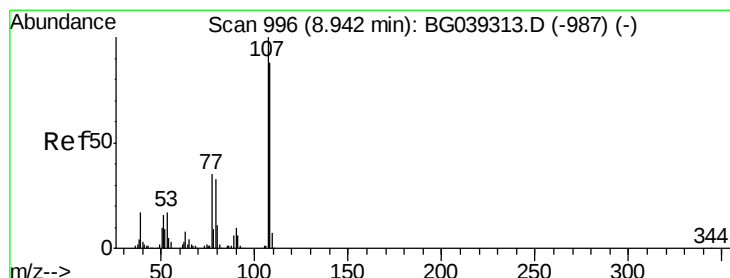
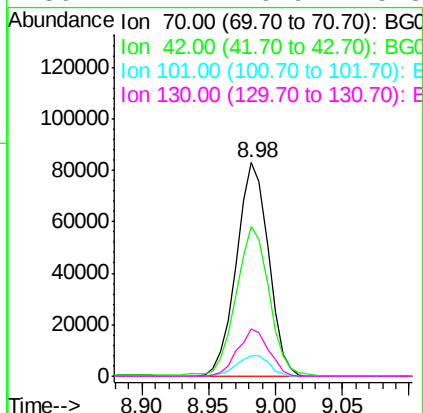




#19
n-Nitroso-di-n-propylamine
Concen: 39.11 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

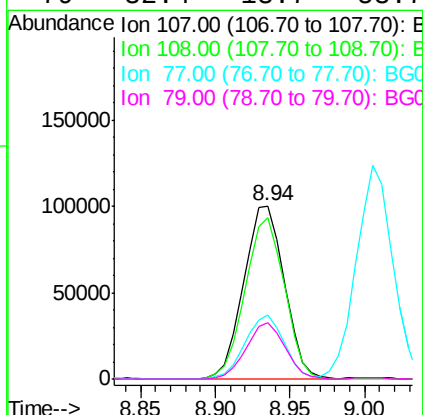
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

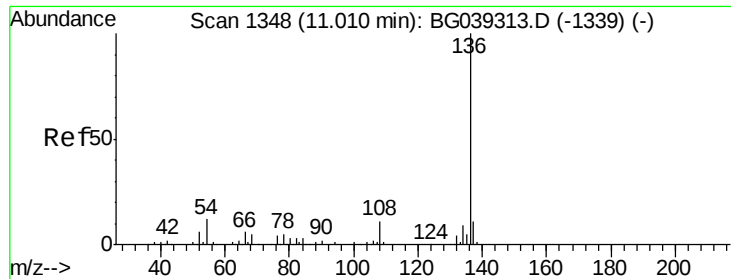
Tot Ion: 70 Resp: 138029
Ion Ratio Lower Upper
70 100
42 70.1 60.4 90.6
101 9.6 7.5 11.3
130 22.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:107 Resp: 188480
Ion Ratio Lower Upper
107 100
108 93.4 67.9 107.9
77 37.0 15.4 55.4
79 32.4 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 250821

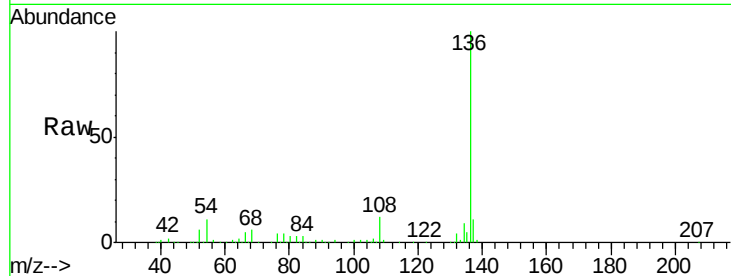
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.5 9.4 14.2

68 6.4 4.2 6.4#

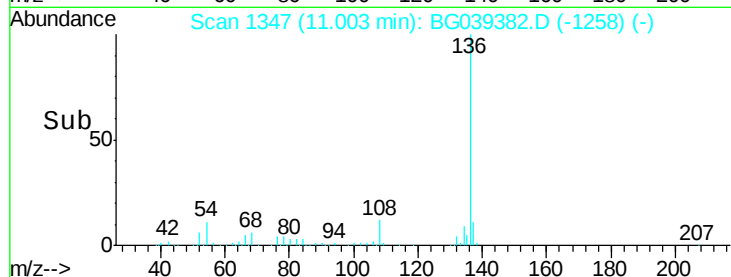


Abundance Ion 136.00 (135.70 to 136.70): E

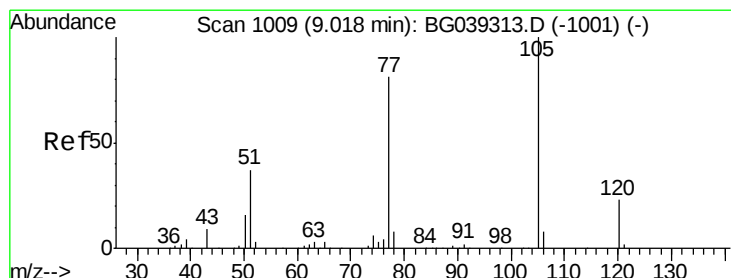
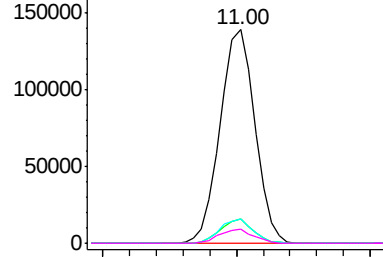
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 39.44 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Tgt Ion:105 Resp: 265716

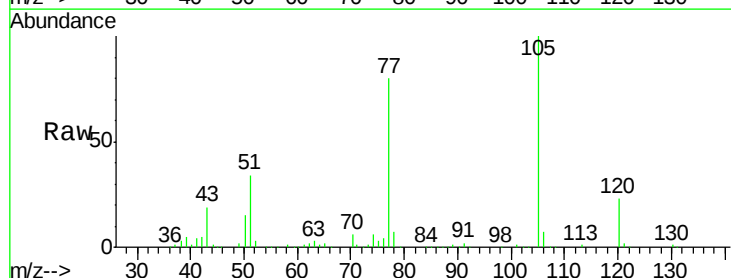
Ion Ratio Lower Upper

105 100

71 1.0 0.8 1.2

51 34.3 30.2 45.2

120 22.6 18.0 27.0

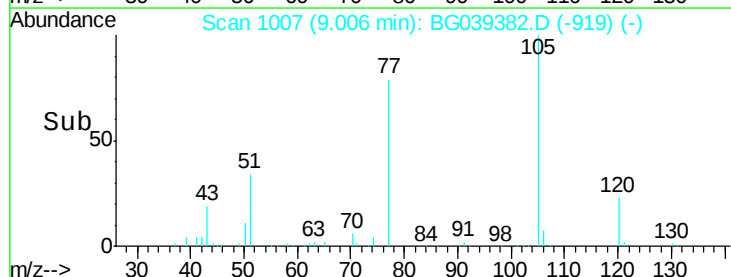


Abundance Ion 105.00 (104.70 to 105.70): E

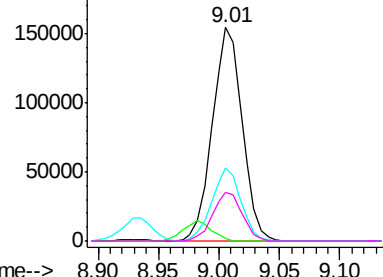
Ion 71.00 (70.70 to 71.70): BGC

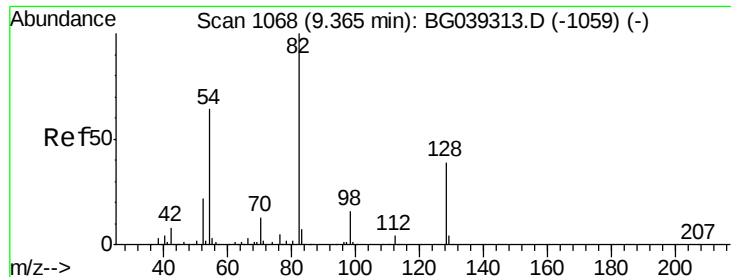
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

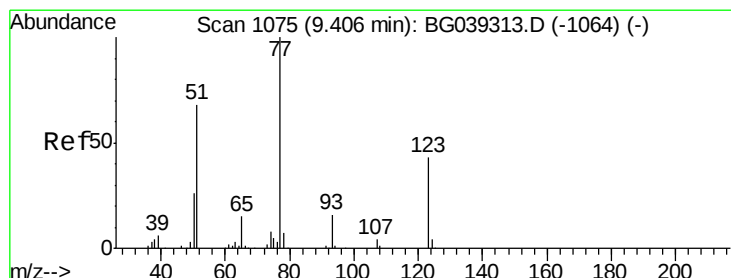
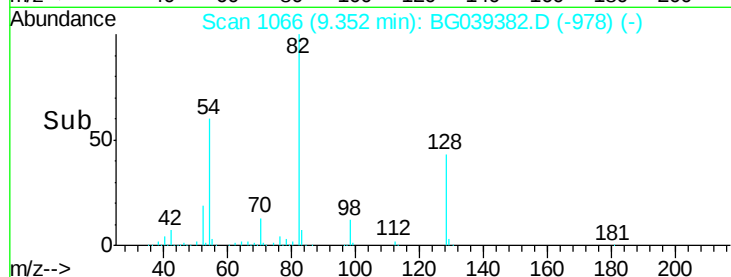
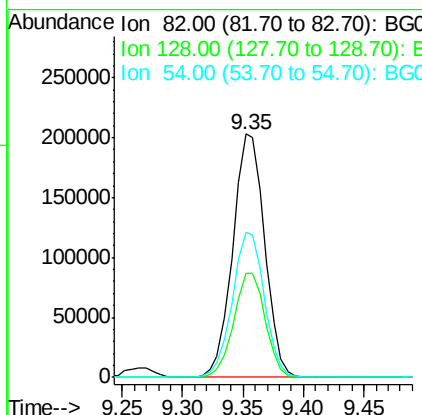
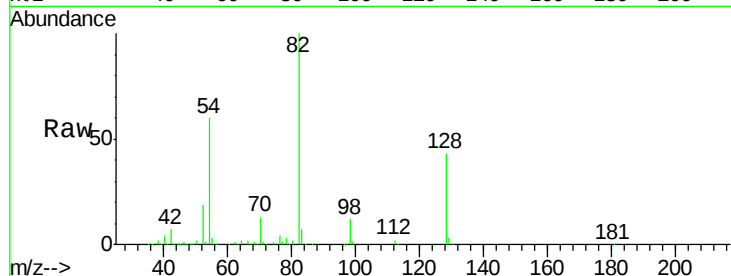




#23
 Nitrobenzene-d5
 Concen: 92.99 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

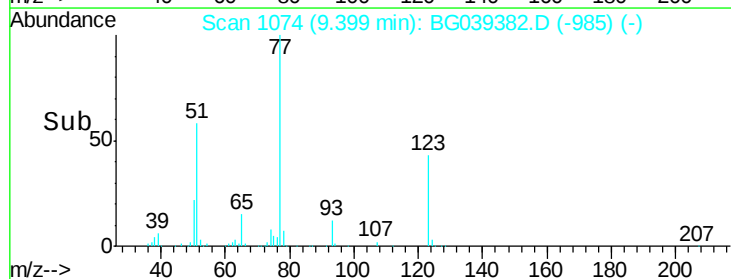
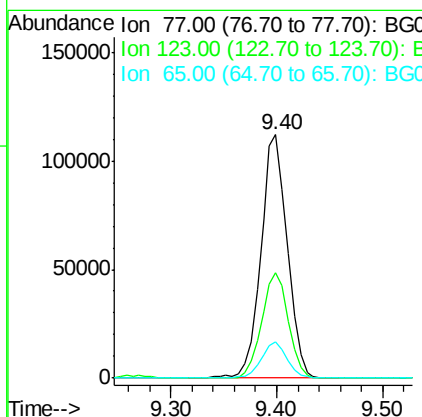
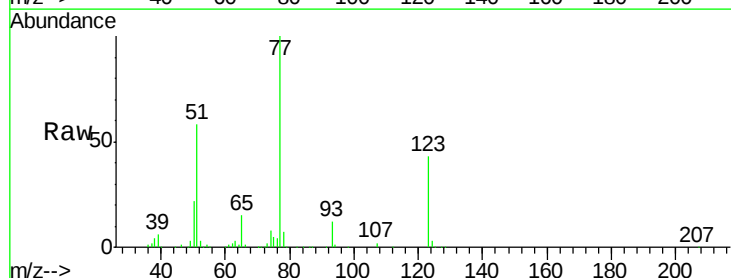
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

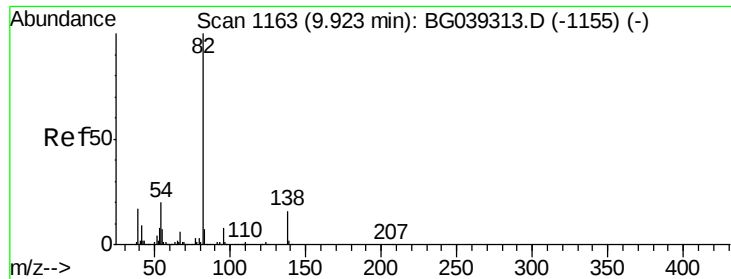
Tot Ion	82	Resp	373349
Ion Ratio	Lower	Upper	
82	100		
128	42.7	31.3	46.9
54	59.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 44.61 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion	77	Resp	193508
Ion Ratio	Lower	Upper	
77	100		
123	43.1	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 37.35 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

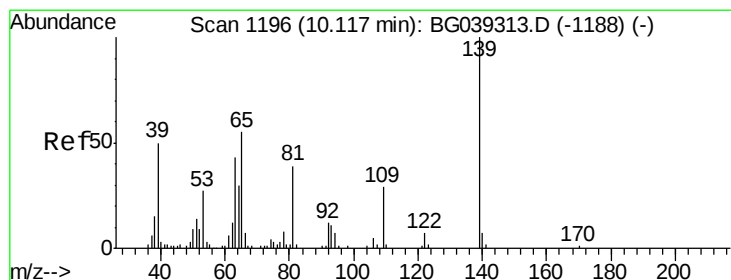
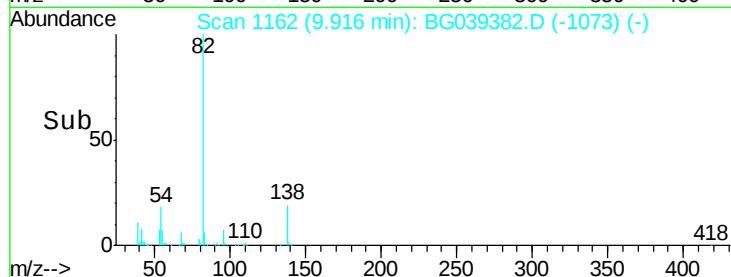
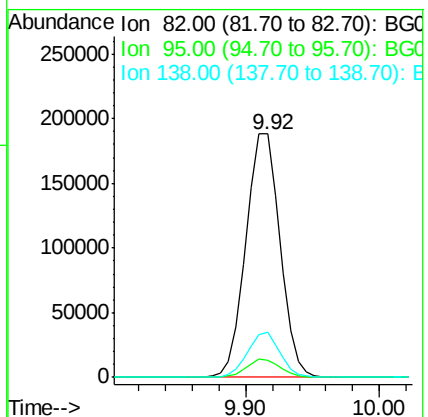
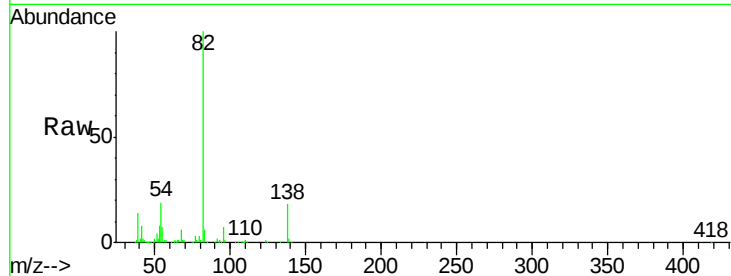
Tot Ion: 82 Resp: 332272

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 18.4 13.0 19.4



#26

2-Nitrophenol

Concen: 49.96 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

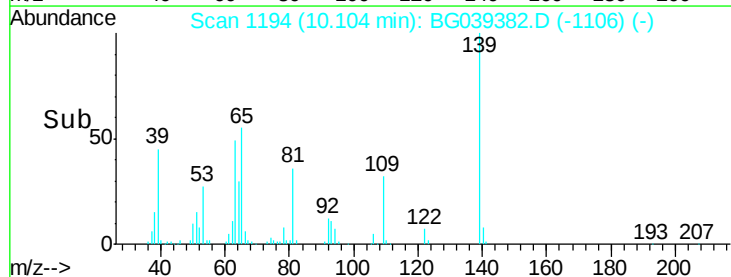
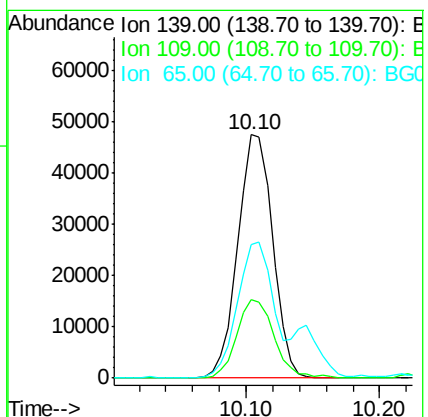
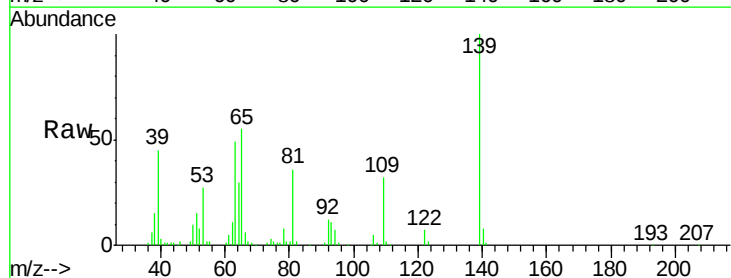
Tgt Ion: 139 Resp: 85936

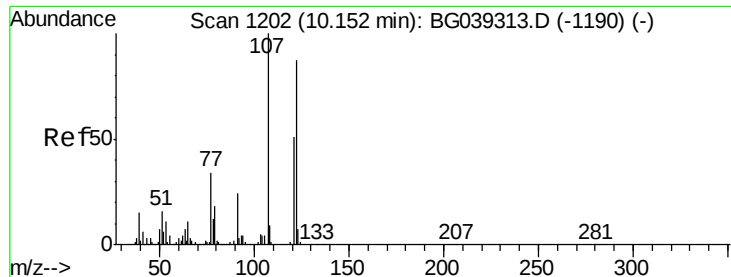
Ion Ratio Lower Upper

139 100

109 32.1 23.4 35.0

65 54.6 44.3 66.5

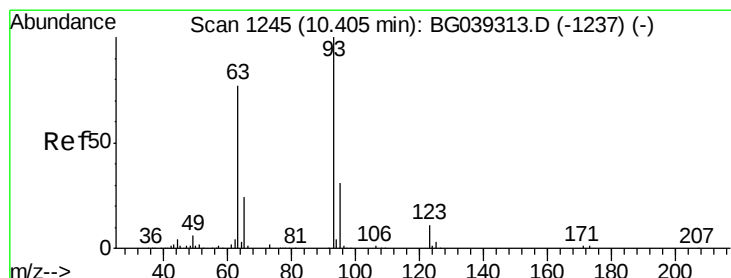
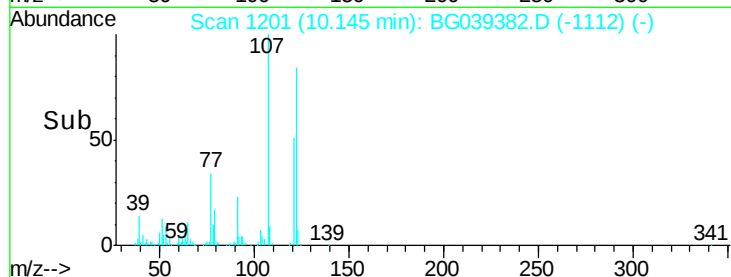
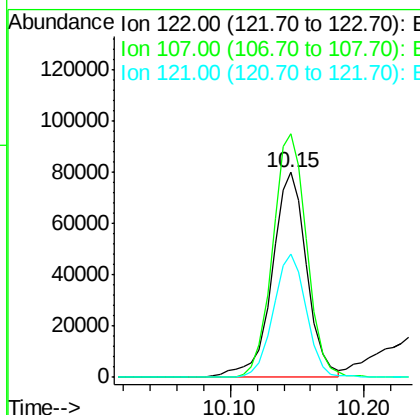
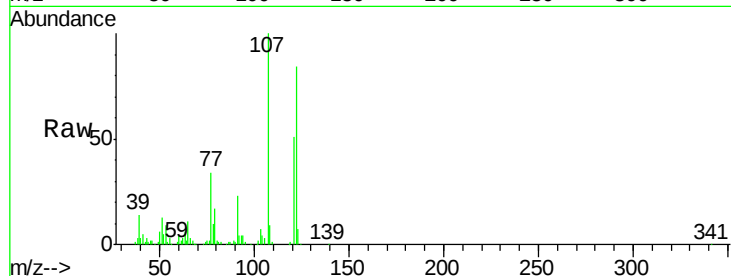




#27
2,4-Dimethylphenol
Concen: 40.18 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

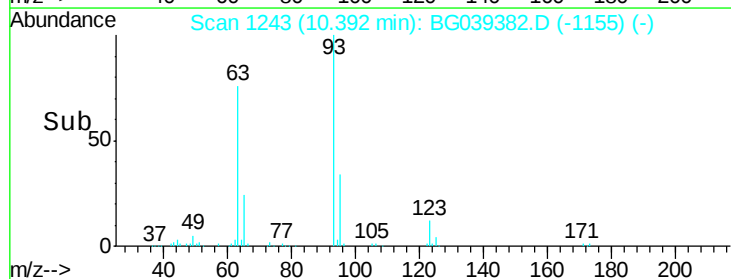
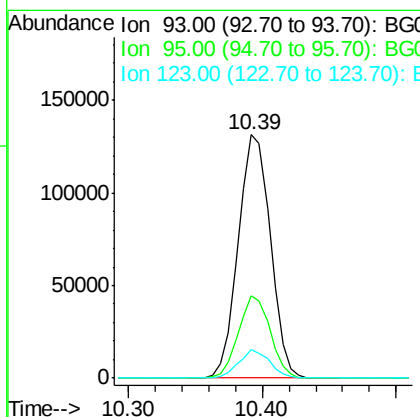
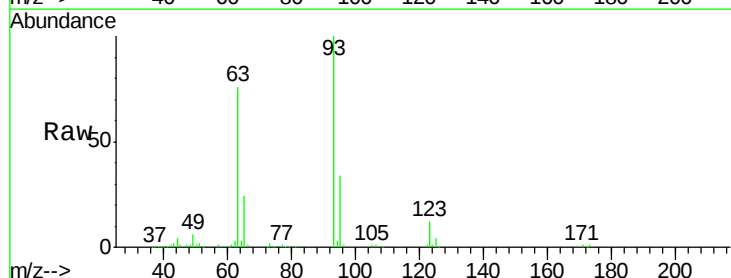
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

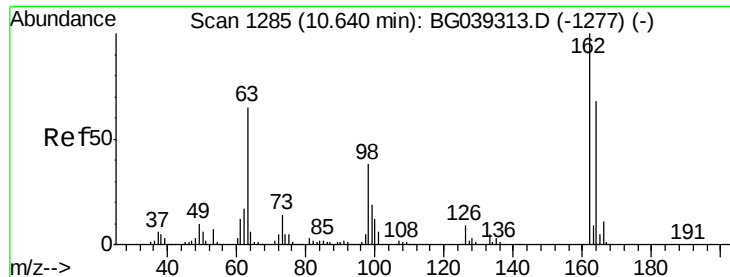
Tot Ion:122 Resp: 144604
Ion Ratio Lower Upper
122 100
107 118.7 91.7 137.5
121 60.0 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.99 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion: 93 Resp: 219177
Ion Ratio Lower Upper
93 100
95 33.8 25.0 37.4
123 11.8 8.6 12.8

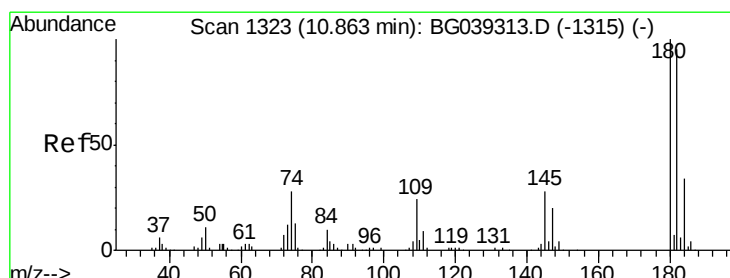
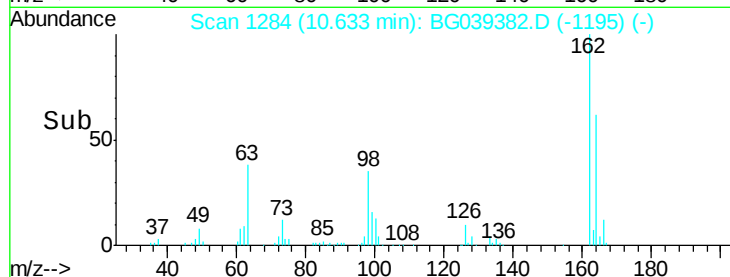
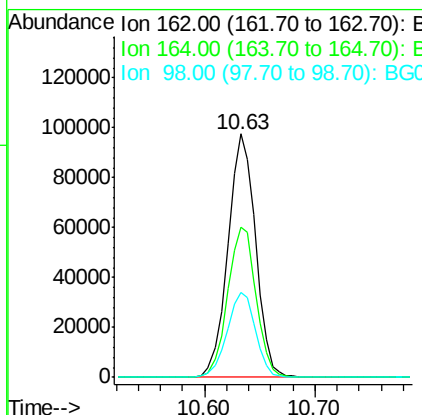
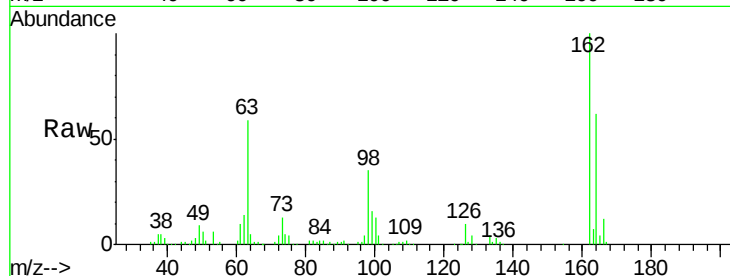




#29
 2,4-Dichlorophenol
 Concen: 43.46 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

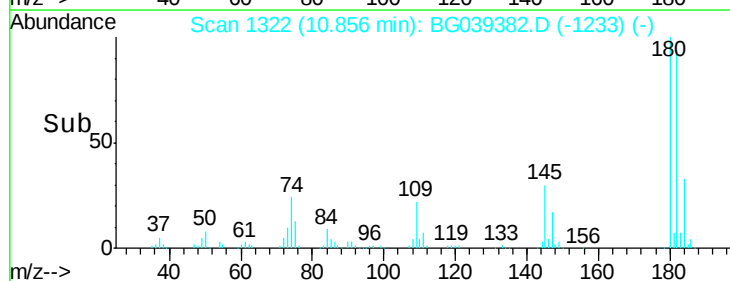
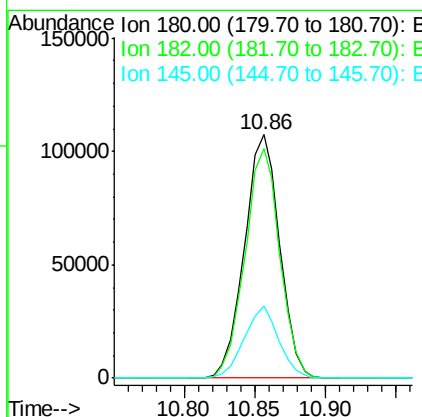
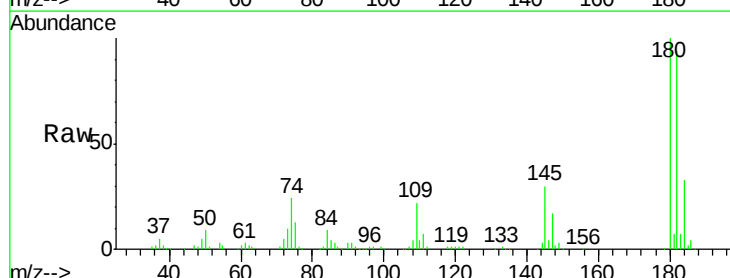
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

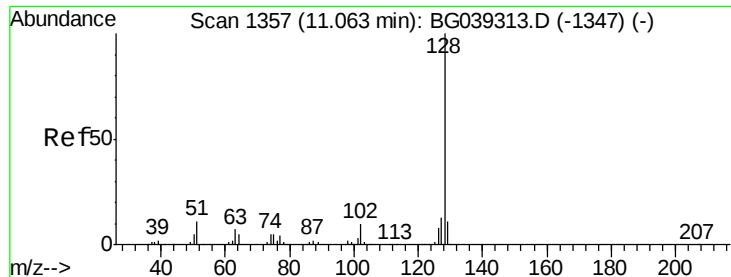
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	48.1	88.1
98	34.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.45 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	29.6	22.7	34.1

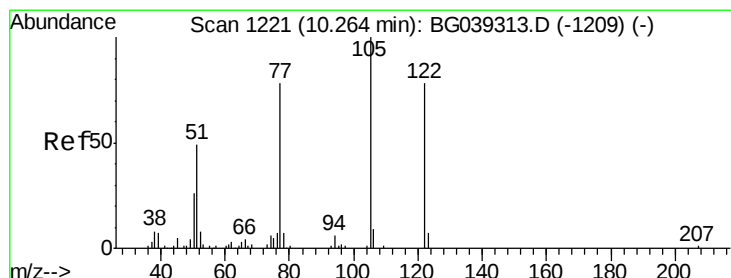
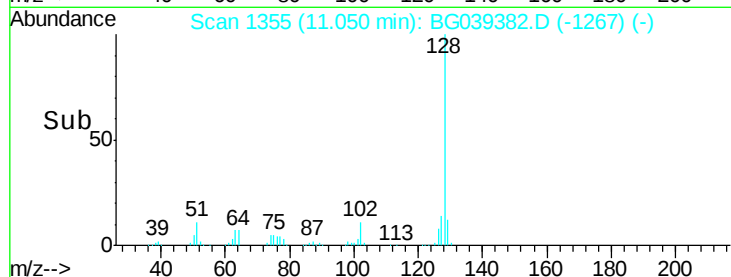
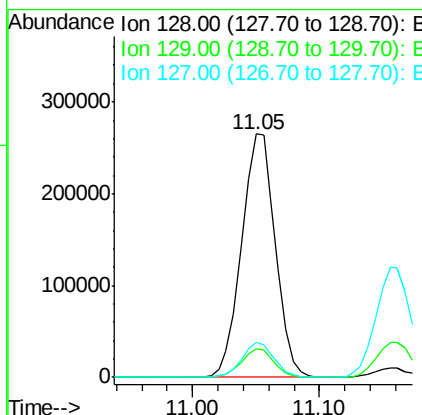
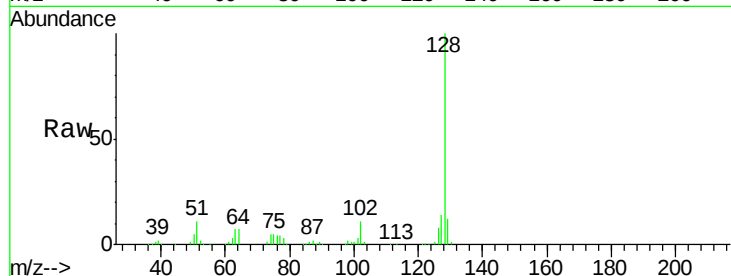




#31
Naphthalene
Concen: 39.19 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

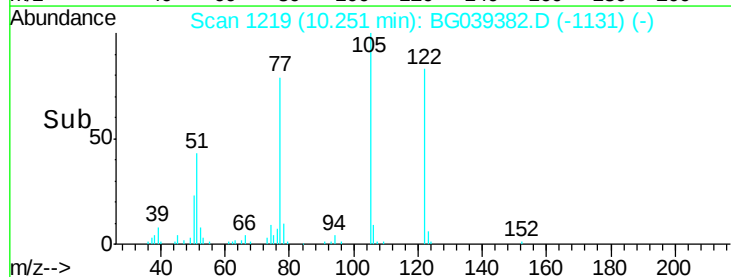
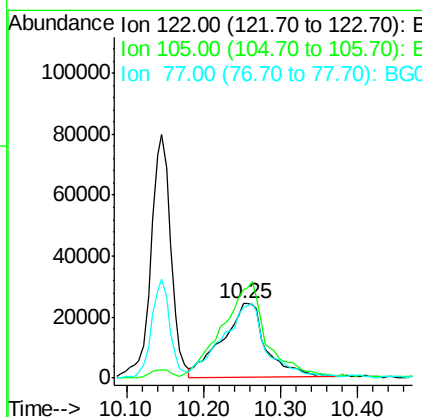
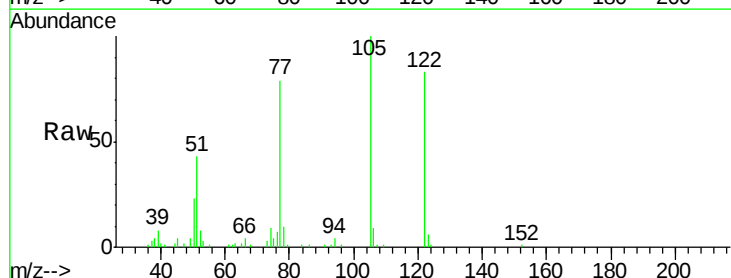
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

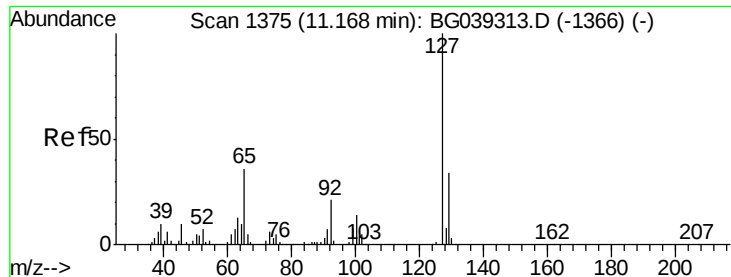
Tot Ion:128 Resp: 487643
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.4 10.8 16.2



#32
Benzoic acid
Concen: 41.71 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:122 Resp: 94881
Ion Ratio Lower Upper
122 100
105 120.0 101.8 141.8
77 94.6 76.3 116.3

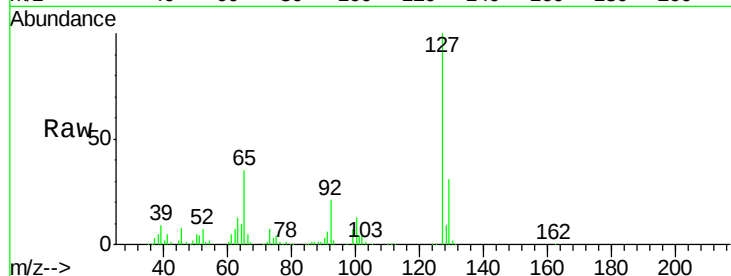




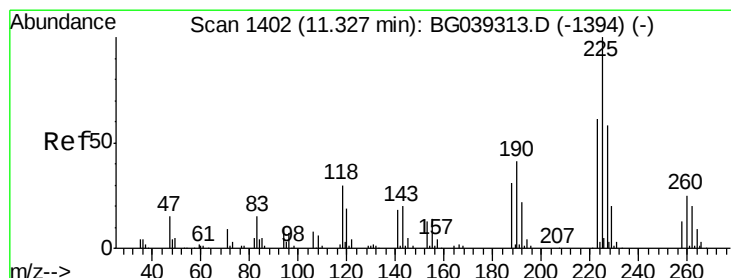
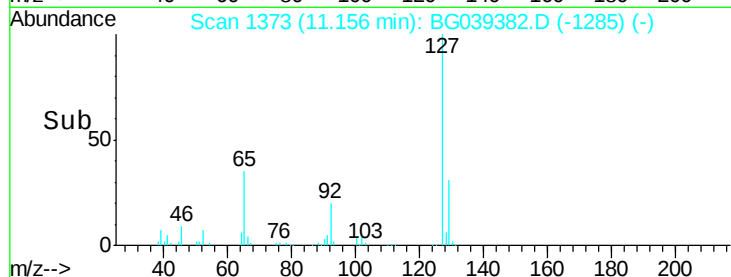
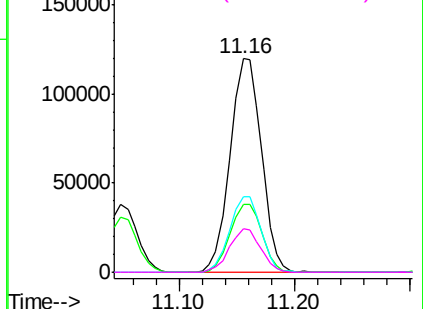
#33
4-Chloroaniline
Concen: 39.16 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	225936
Ion Ratio	Lower	Upper
127	100	
129	31.5	27.0 40.4
65	35.1	28.8 43.2
92	20.6	16.6 25.0

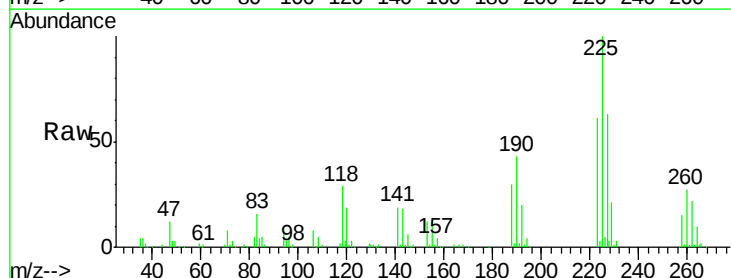


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

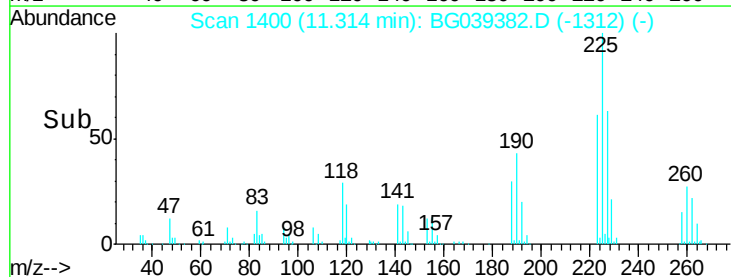
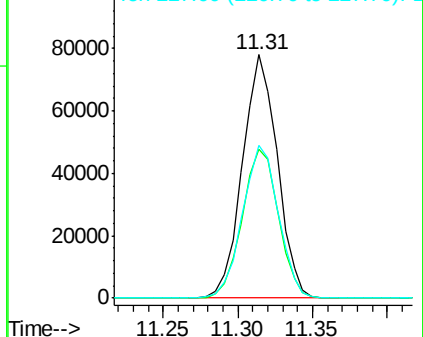


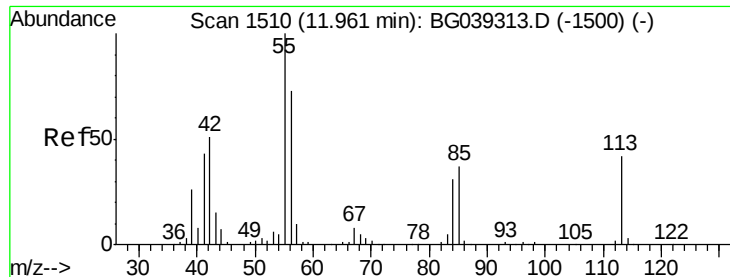
#34
Hexachlorobutadiene
Concen: 42.89 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:225	Resp:	125979
Ion Ratio	Lower	Upper
225	100	
223	61.0	49.0 73.6
227	62.9	46.3 69.5



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: 40.33 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

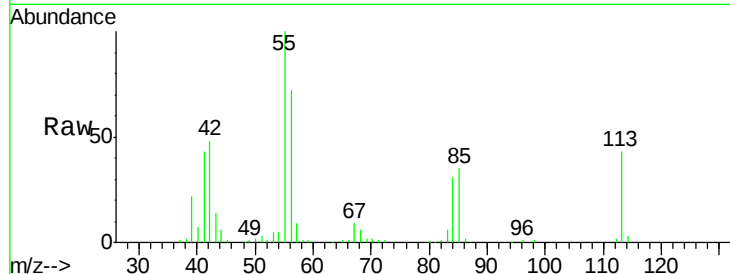
Tot Ion:113 Resp: 65639

Ion Ratio Lower Upper

113 100

55 232.3 216.9 256.9

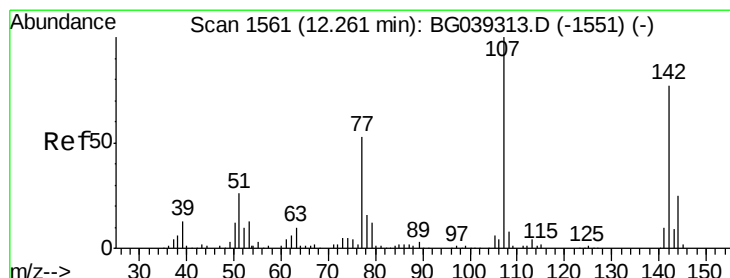
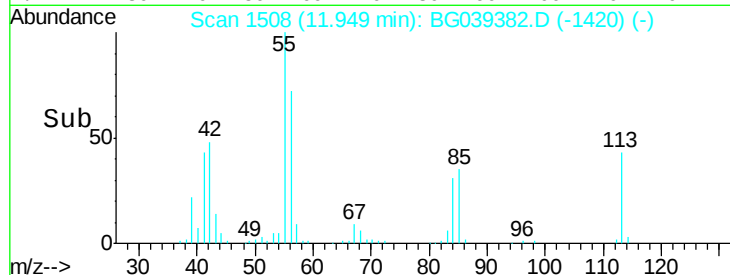
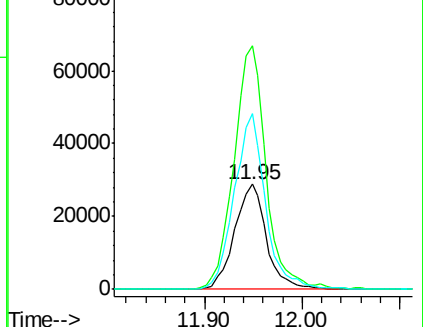
56 167.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.89 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

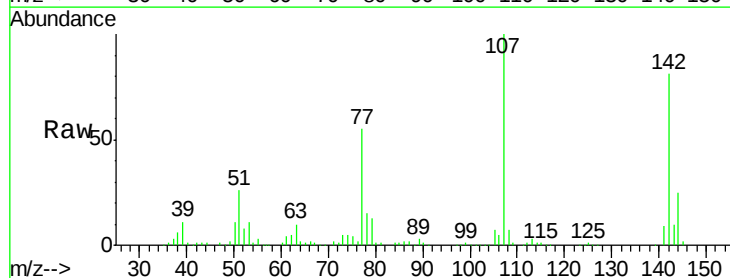
Tgt Ion:107 Resp: 181477

Ion Ratio Lower Upper

107 100

144 25.3 20.2 30.2

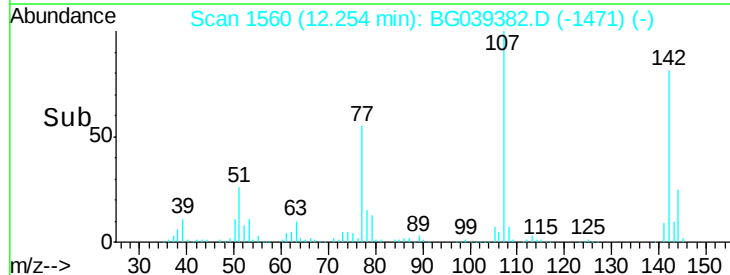
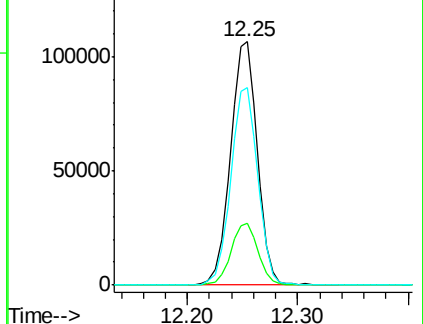
142 81.2 61.4 92.2

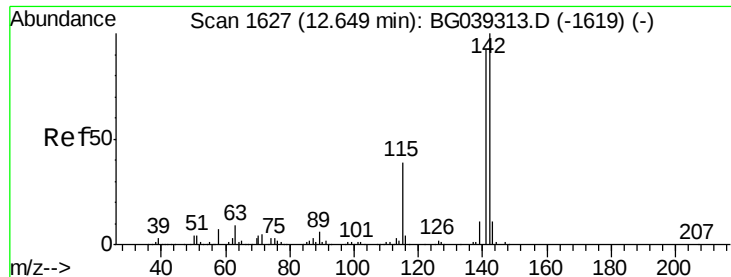


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

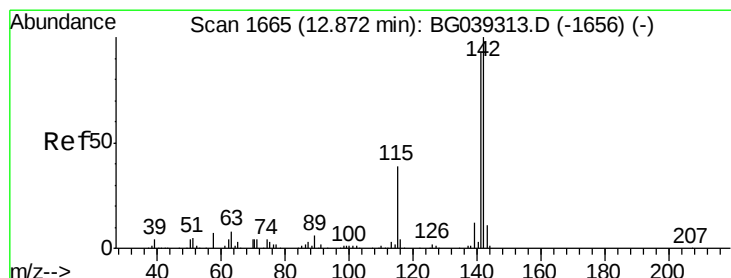
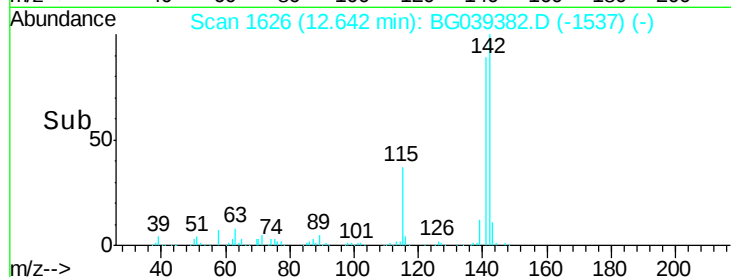
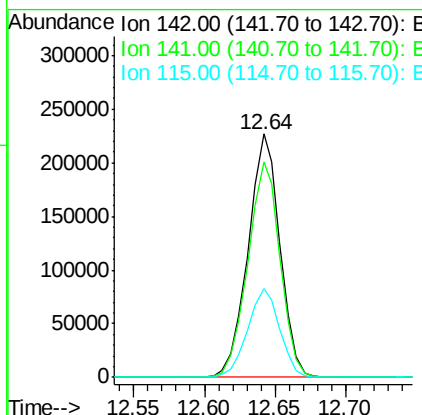
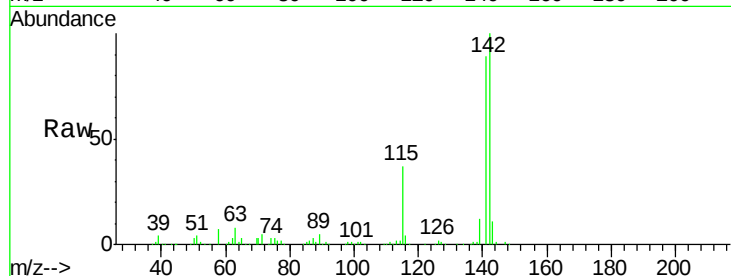




#37
2-Methylnaphthalene
Concen: 38.77 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

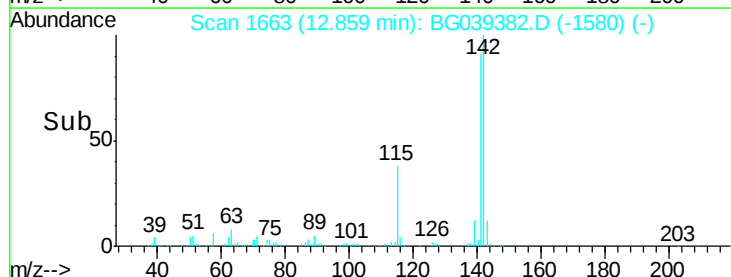
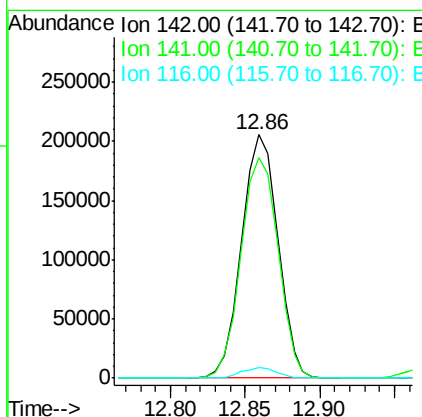
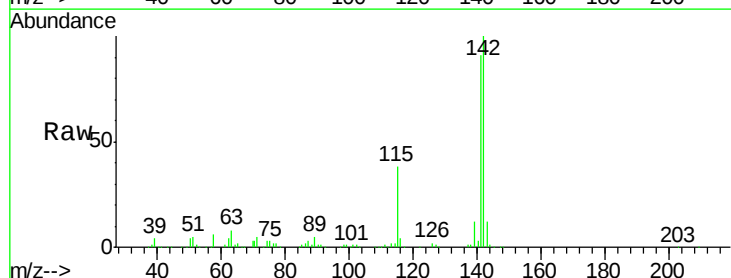
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

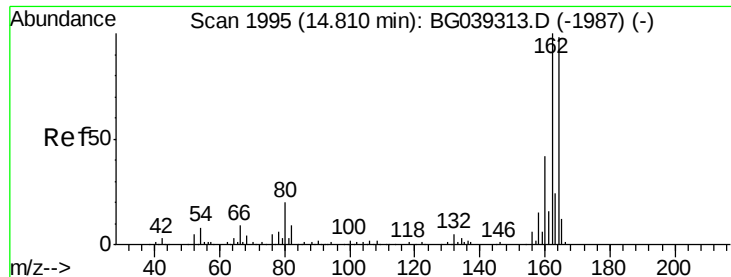
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.5	110.3
115	36.6	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.04 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

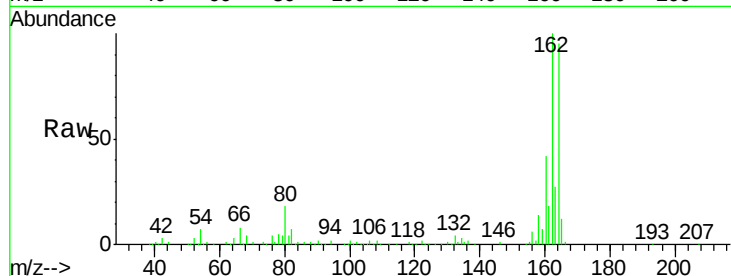
Tot Ion:164 Resp: 162193

Ion Ratio Lower Upper

164 100

162 105.0 81.6 122.4

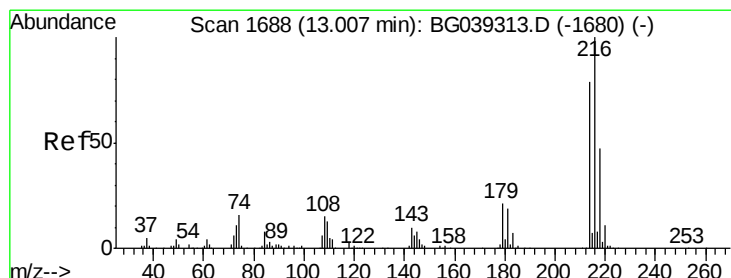
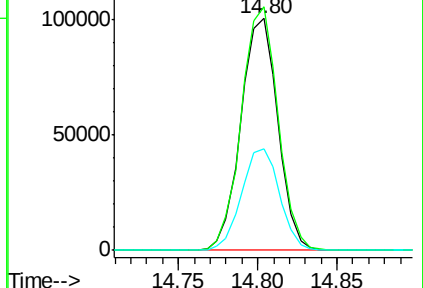
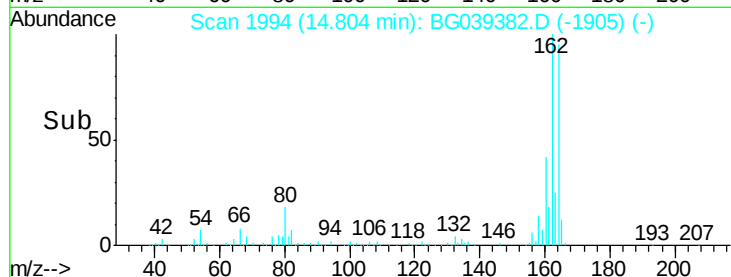
160 43.9 34.2 51.2



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: 42.54 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Tgt Ion:216 Resp: 219539

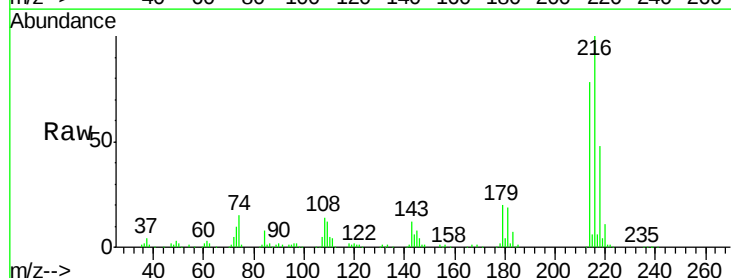
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 20.6 16.6 25.0

108 16.2 14.0 21.0

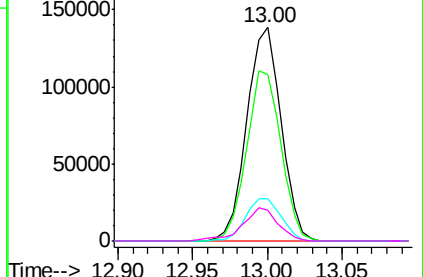
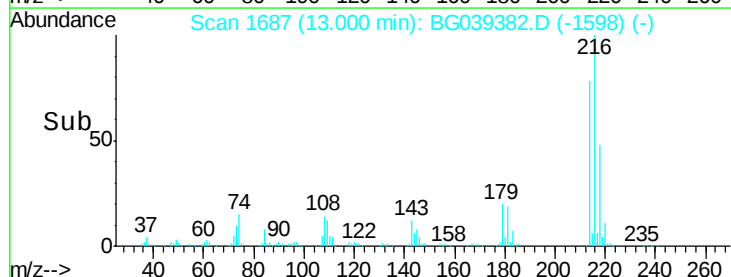


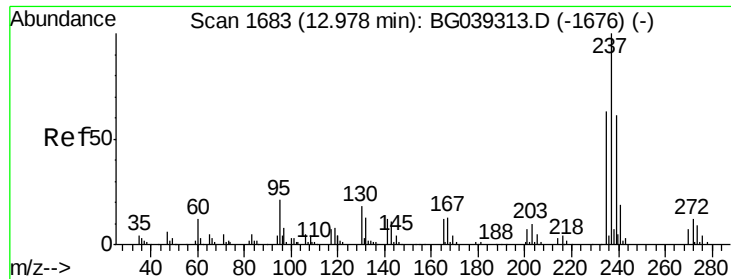
Abundance Ion 216.00 (215.70 to 216.70): E

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

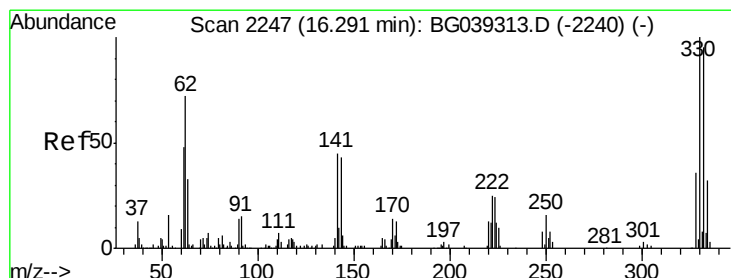
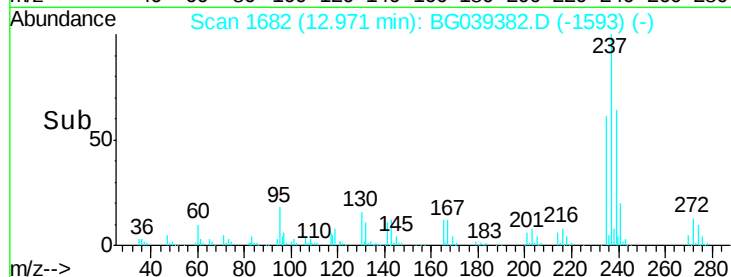
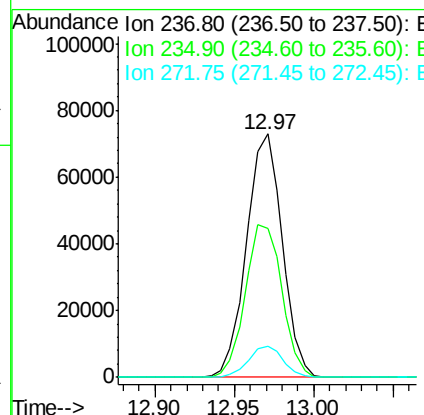
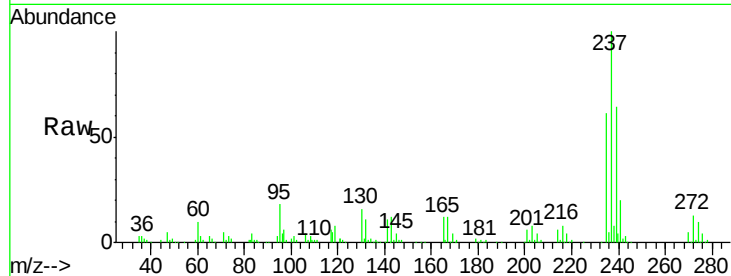




#41
Hexachlorocyclopentadiene
Concen: 40.60 ng
RT: 12.97 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

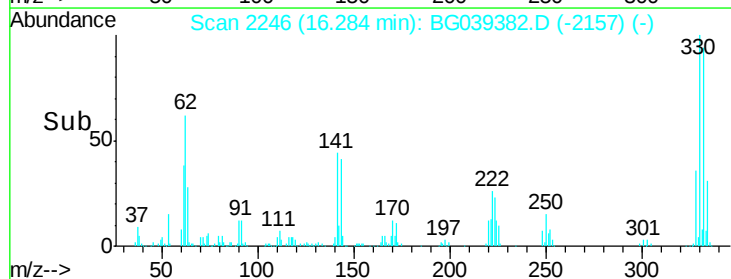
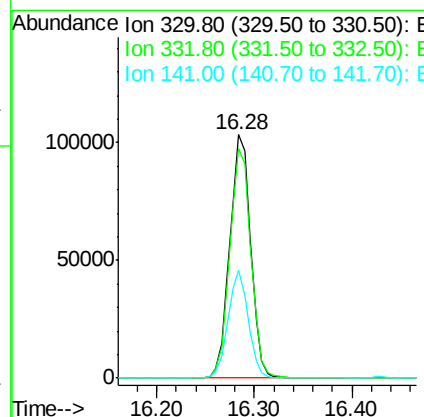
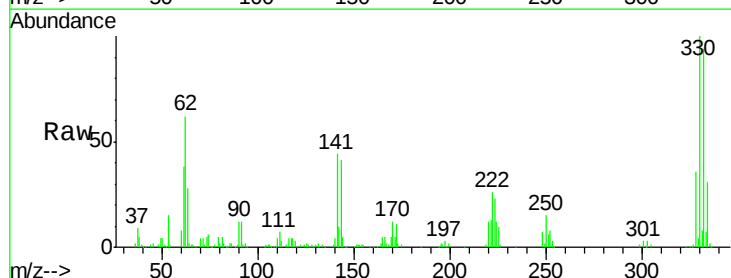
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

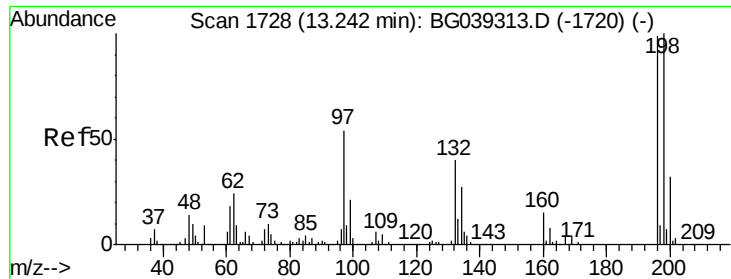
Tot Ion:237 Resp: 114168
Ion Ratio Lower Upper
237 100
235 61.0 43.3 83.3
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 88.07 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:330 Resp: 153822
Ion Ratio Lower Upper
330 100
332 95.2 75.7 113.5
141 42.5 35.6 53.4

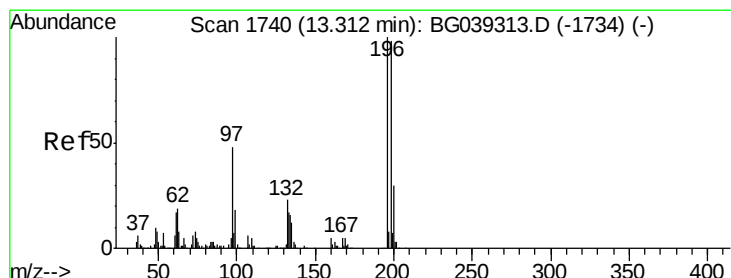
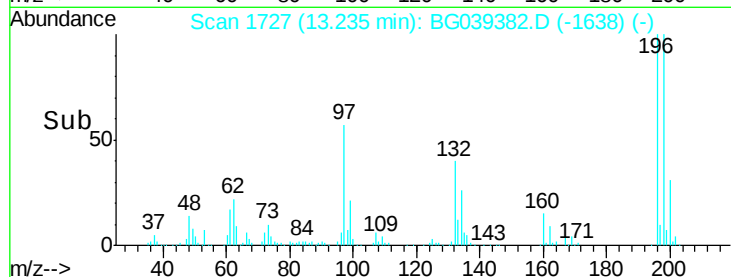
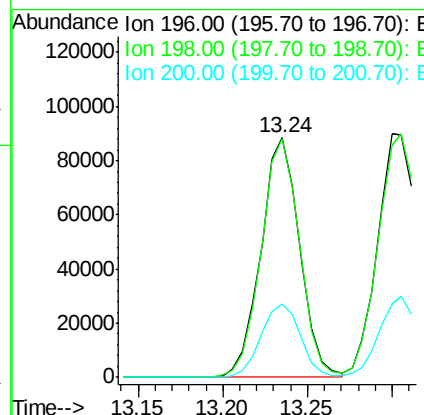
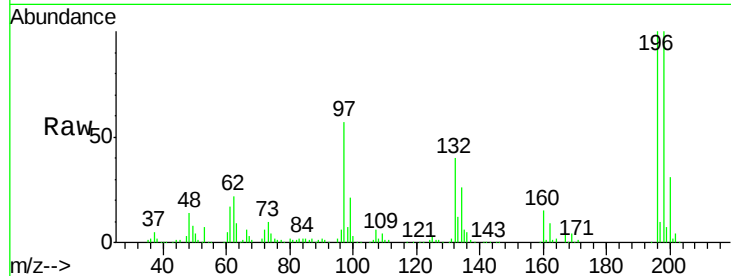




#43
2,4,6-Trichlorophenol
Concen: 44.32 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

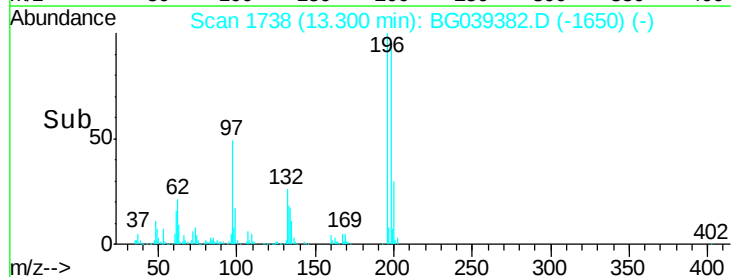
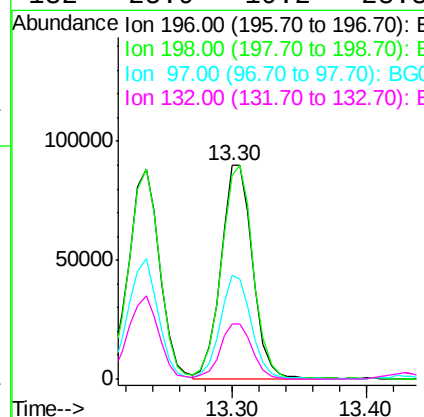
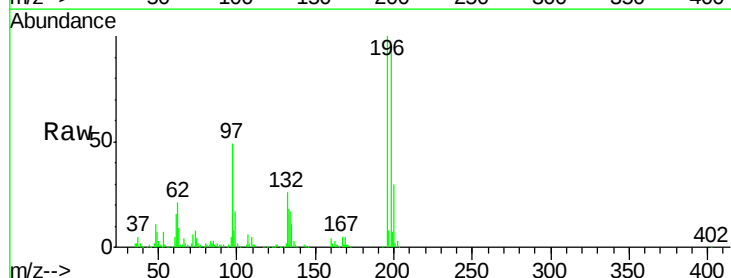
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

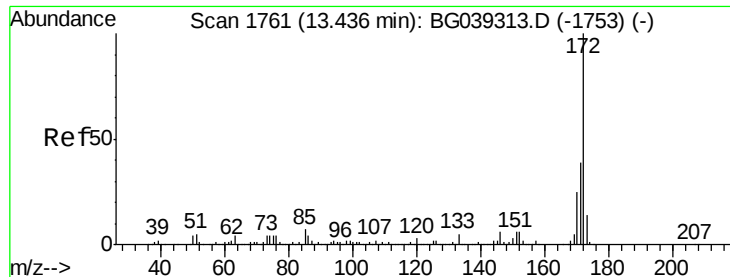
Tot Ion:196 Resp: 140634
Ion Ratio Lower Upper
196 100
198 99.8 80.6 121.0
200 30.7 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 44.85 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:196 Resp: 149157
Ion Ratio Lower Upper
196 100
198 95.5 78.5 117.7
97 48.7 38.4 57.6
132 25.9 19.2 28.8

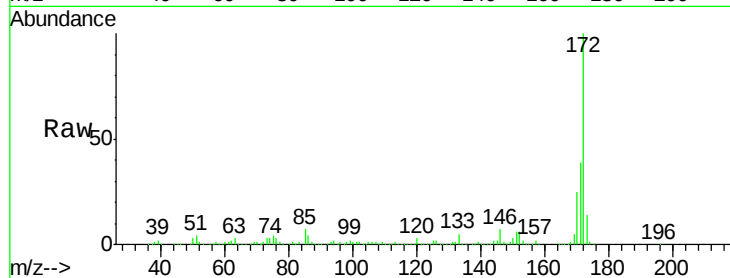




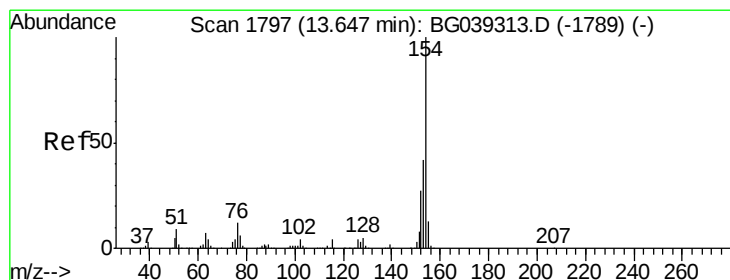
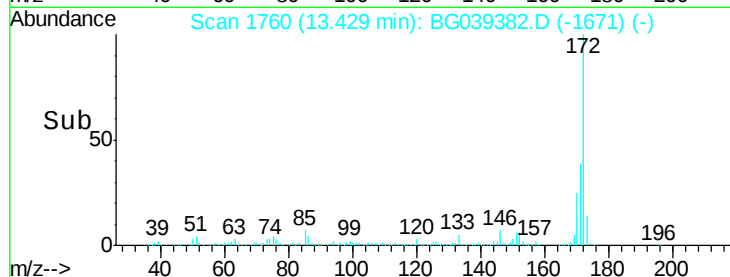
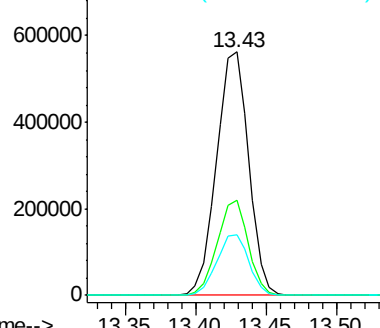
#45
 2-Fluorobiphenyl
 Concen: 79.37 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 897422
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.8 46.2
 170 25.0 20.2 30.4

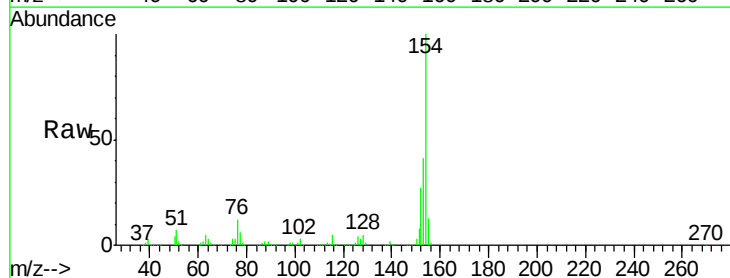


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

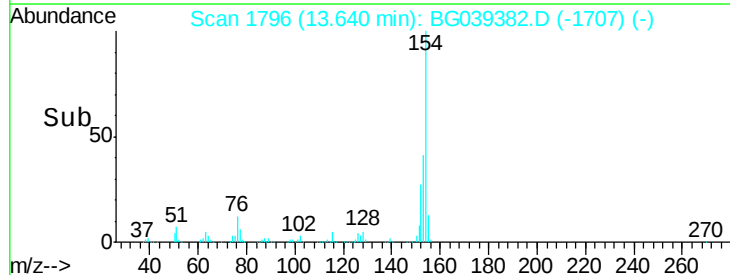
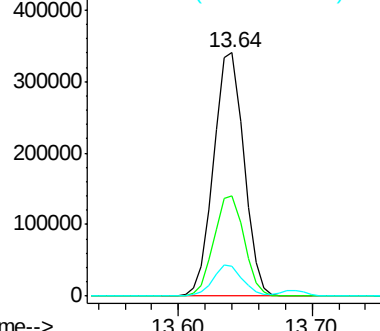


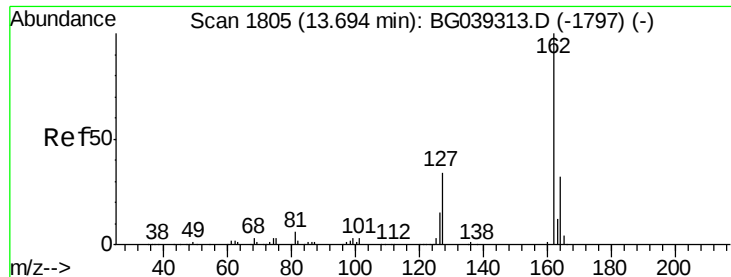
#46
 1,1'-Biphenyl
 Concen: 39.48 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:154 Resp: 532756
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.1 62.1
 76 12.0 0.0 32.4



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

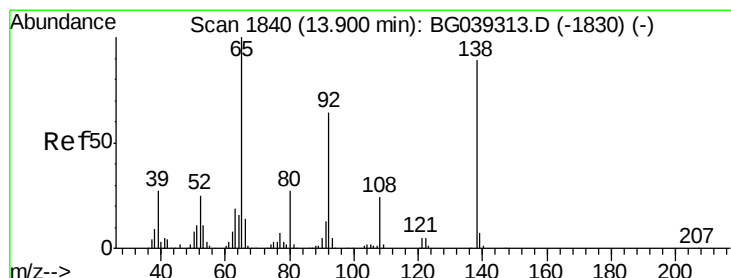
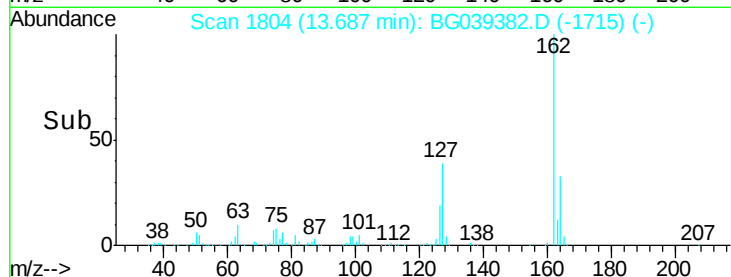
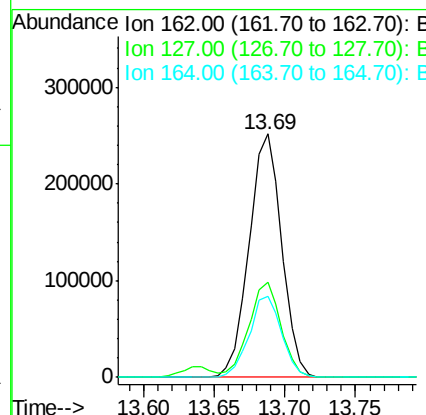
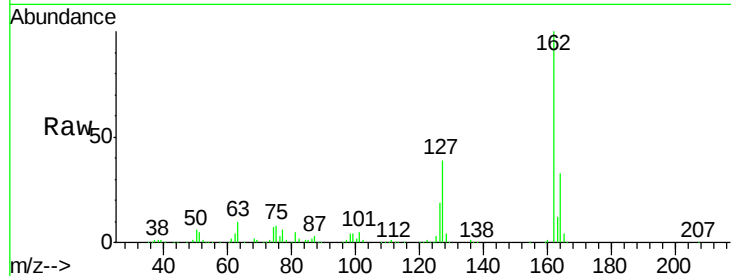




#47
2-Chloronaphthalene
Concen: 40.06 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

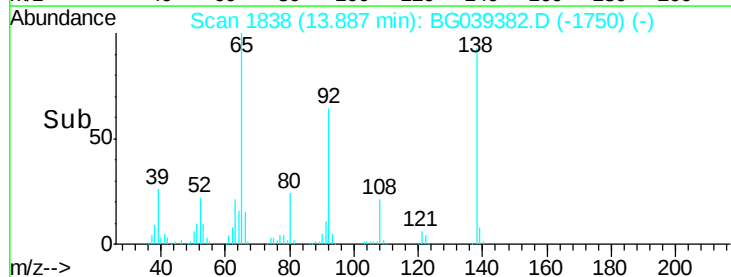
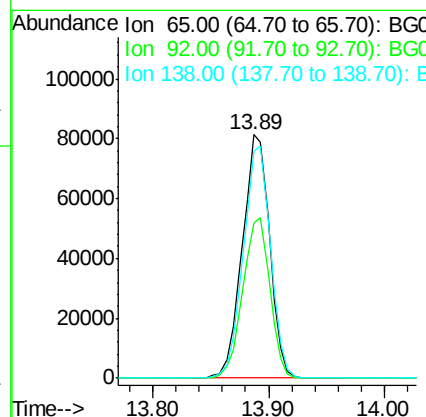
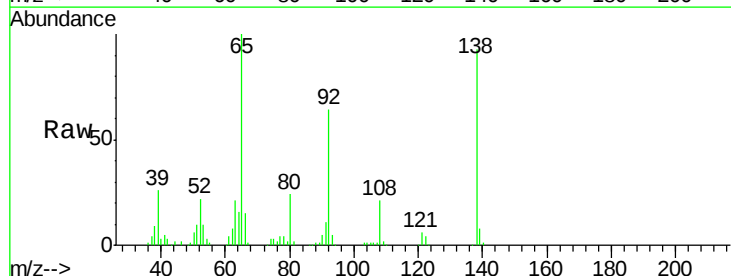
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

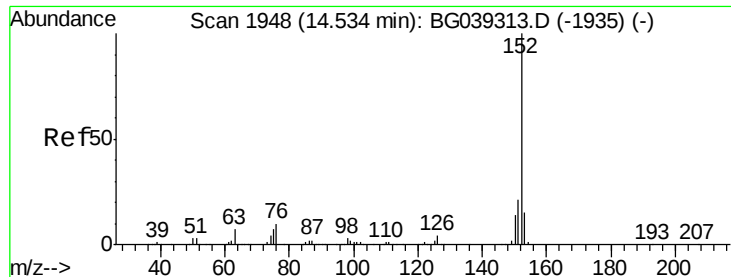
Tot Ion:162 Resp: 406644
Ion Ratio Lower Upper
162 100
127 39.3 31.0 46.6
164 33.4 25.7 38.5



#48
2-Nitroaniline
Concen: 46.08 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion: 65 Resp: 133194
Ion Ratio Lower Upper
65 100
92 64.0 51.4 77.2
138 93.0 71.4 107.2





#49

Acenaphthylene

Concen: 39.48 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

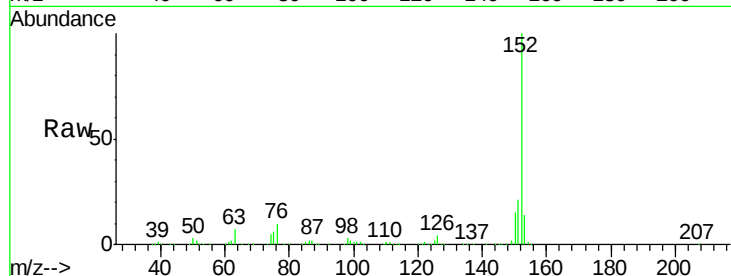
Tot Ion:152 Resp: 604779

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

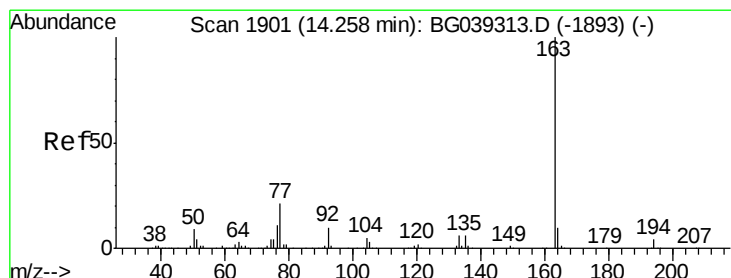
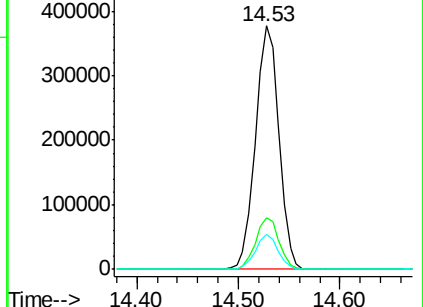
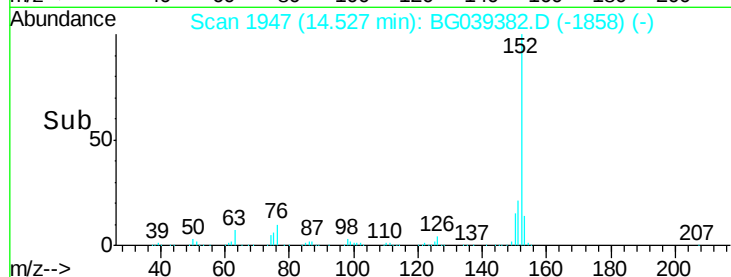
153 14.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.85 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

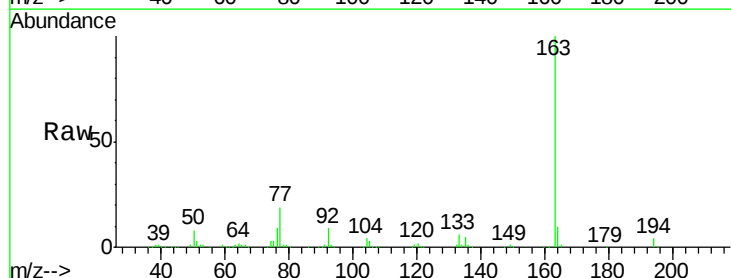
Tgt Ion:163 Resp: 522019

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

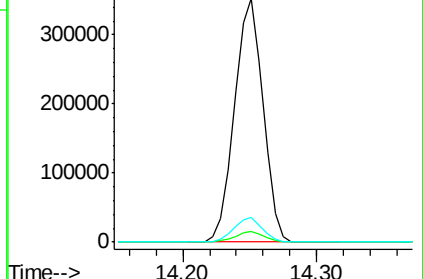
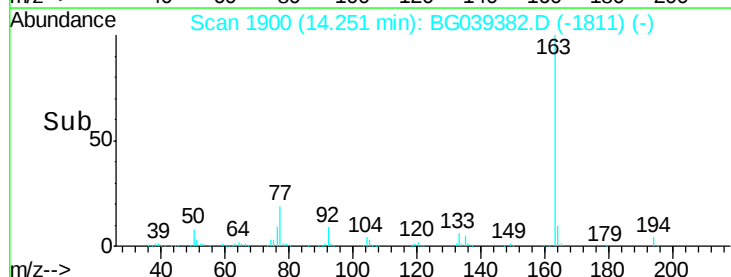
164 10.0 8.4 12.6

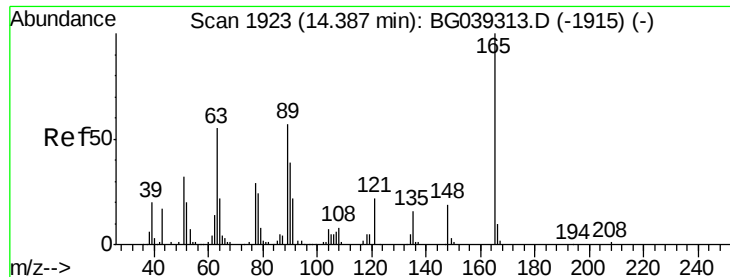


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

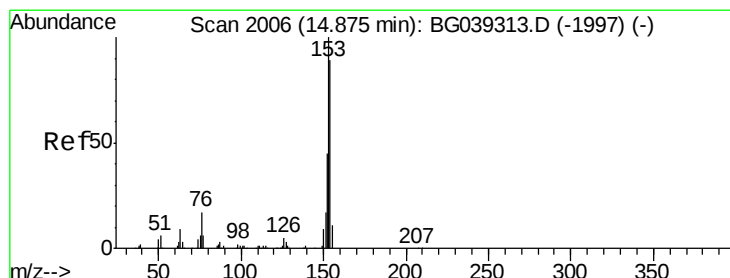
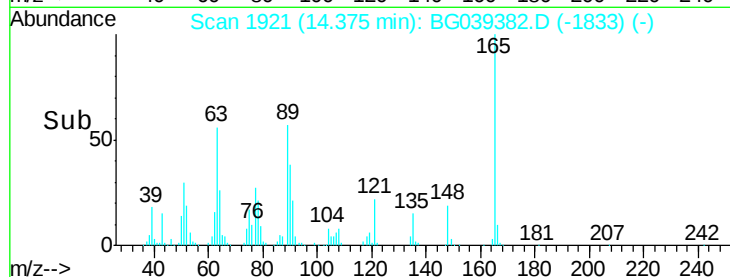
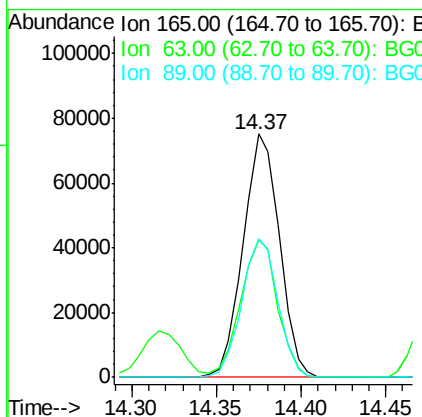
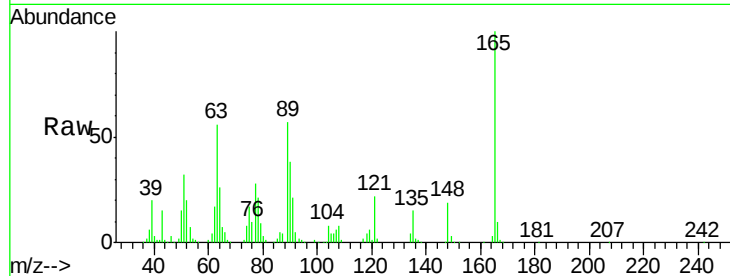




#51
 2,6-Dinitrotoluene
 Concen: 46.26 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

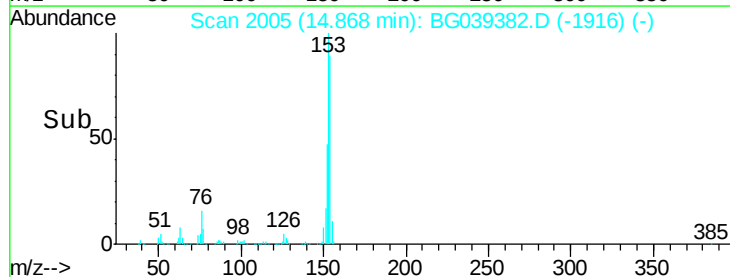
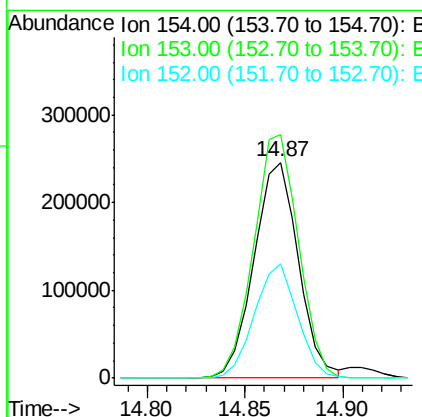
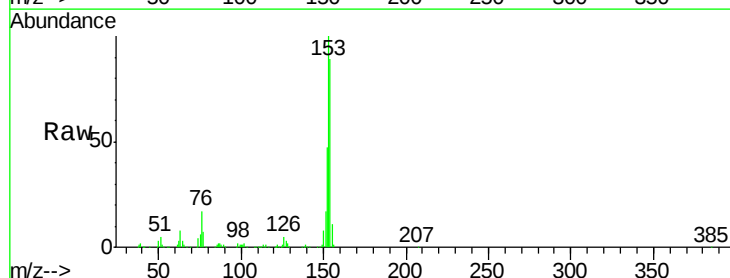
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

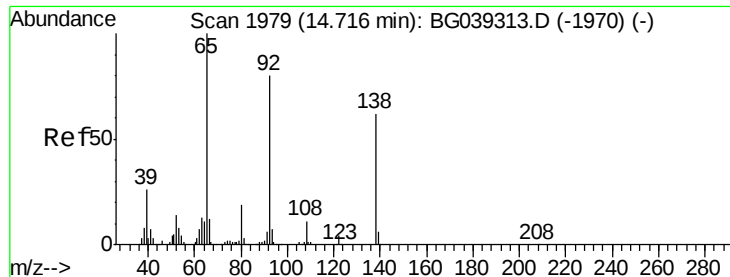
Tot Ion:165 Resp: 112590
 Ion Ratio Lower Upper
 165 100
 63 56.2 47.0 70.6
 89 57.0 45.8 68.8



#52
 Acenaphthene
 Concen: 38.98 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:154 Resp: 387609
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.1 135.1
 152 52.8 40.9 61.3





#53

3-Nitroaniline

Concen: 45.94 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

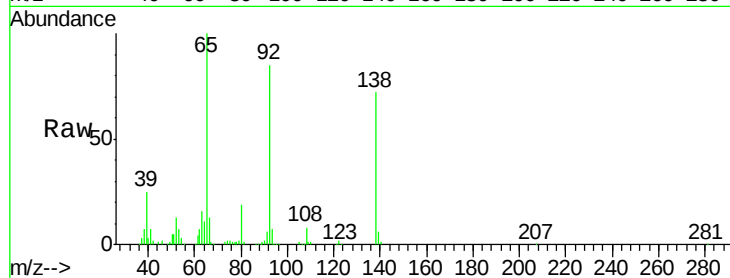
Tot Ion:138 Resp: 120620

Ion Ratio Lower Upper

138 100

108 10.6 13.8 20.8#

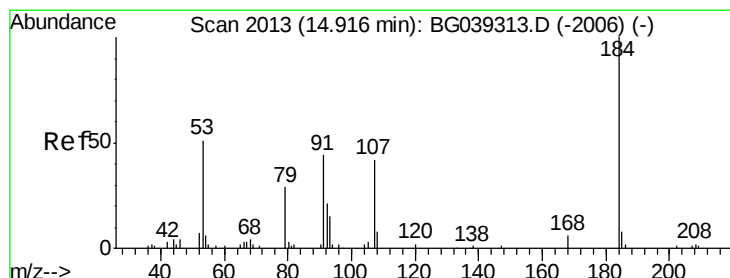
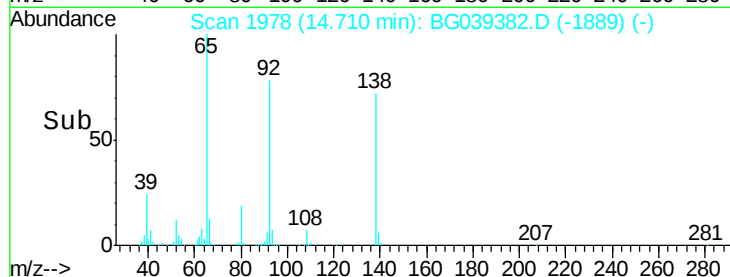
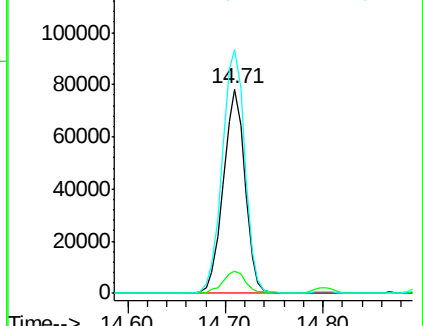
92 119.1 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 41.20 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

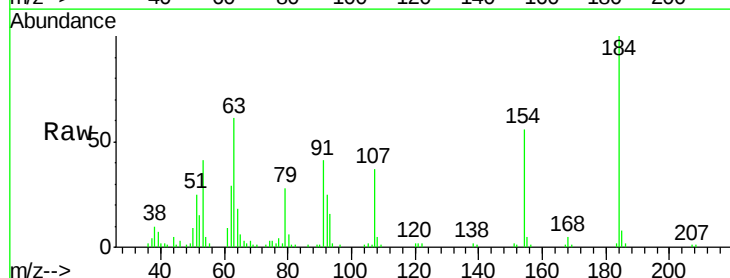
Tgt Ion:184 Resp: 33751

Ion Ratio Lower Upper

184 100

63 60.6 50.9 76.3

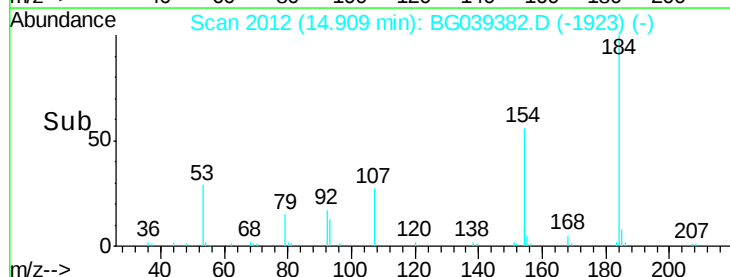
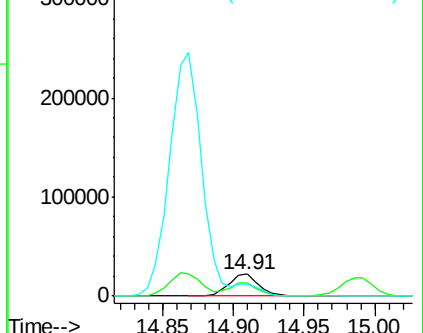
154 55.9 53.0 79.6

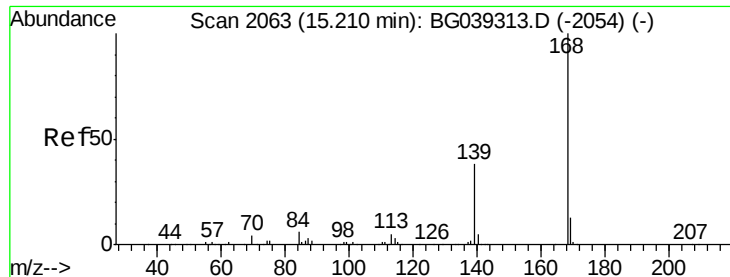


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

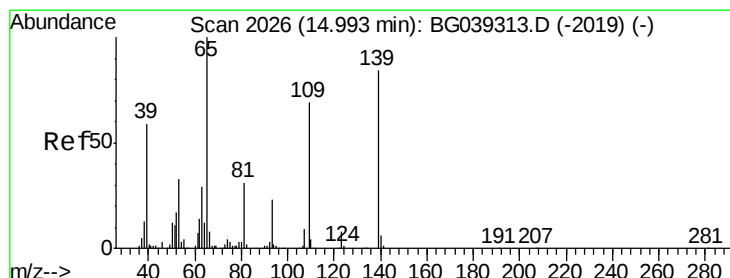
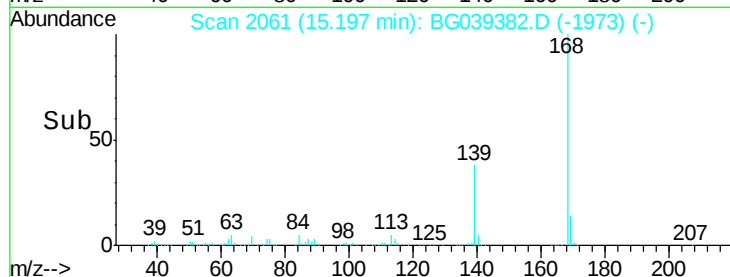
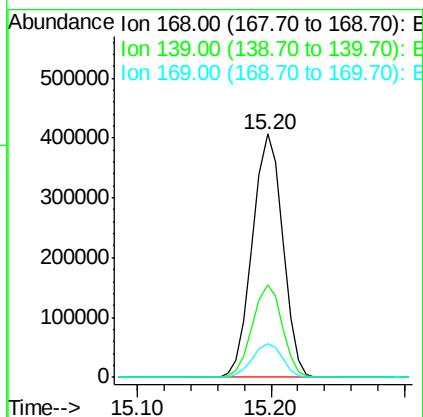
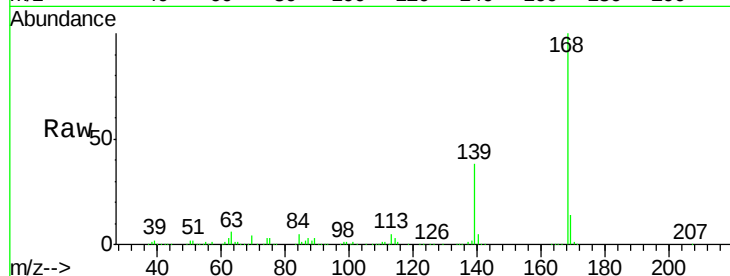




#55
Dibenzofuran
Concen: 39.81 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

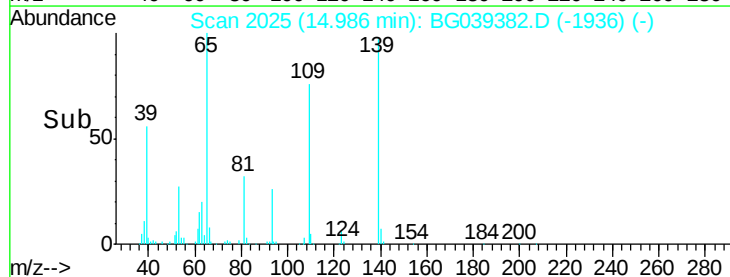
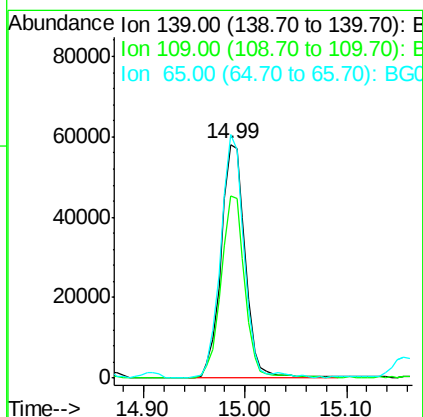
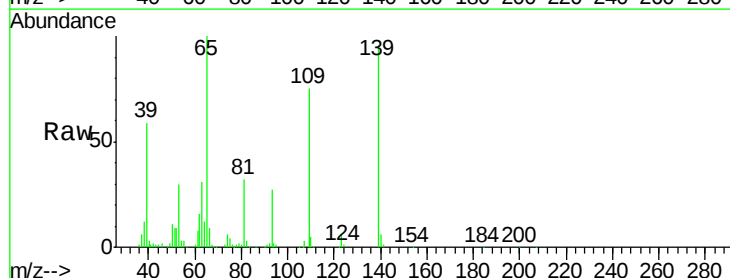
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

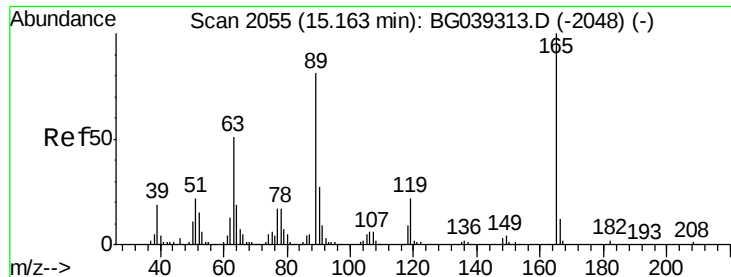
Tot Ion:168 Resp: 634608
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 43.39 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:139 Resp: 95992
Ion Ratio Lower Upper
139 100
109 78.0 61.9 101.9
65 104.2 99.1 139.1

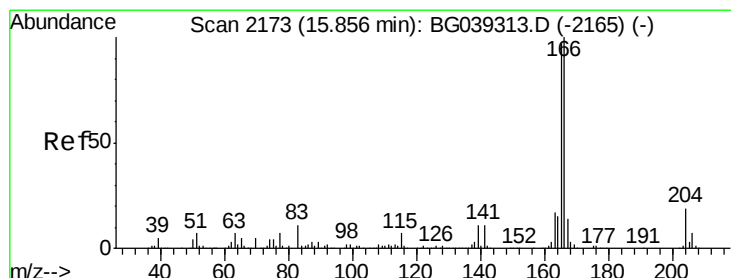
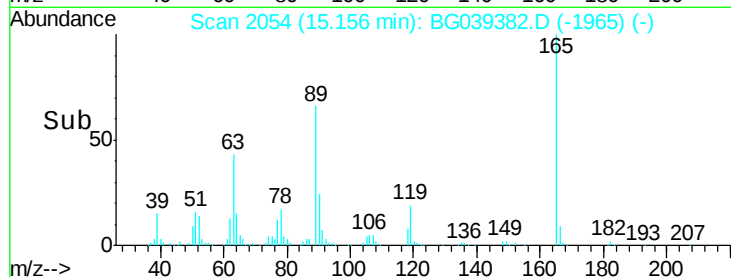
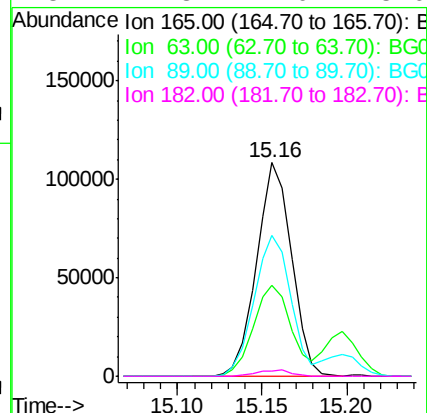
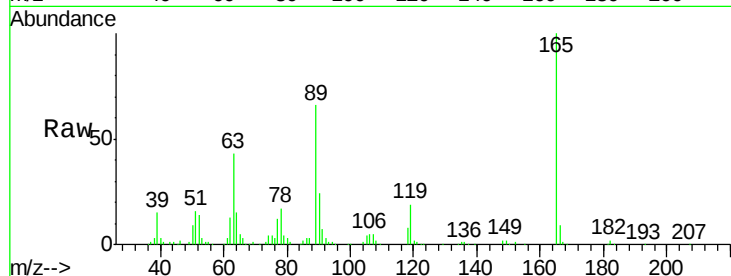




#57
2,4-Dinitrotoluene
Concen: 49.51 ng
RT: 15.16 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

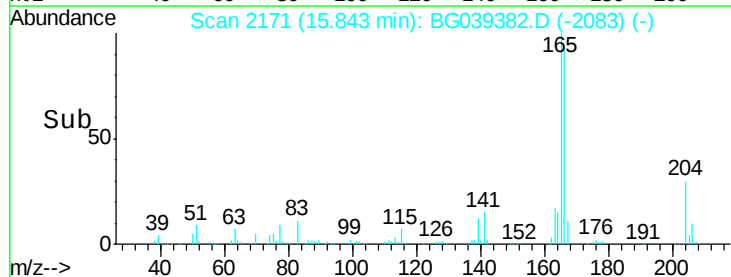
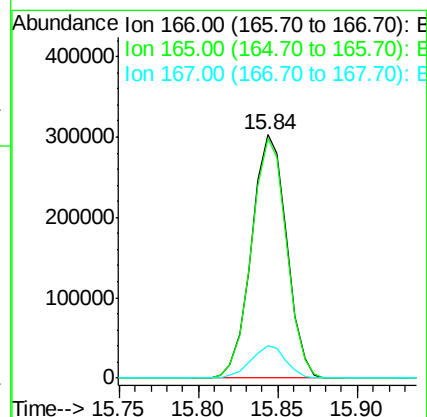
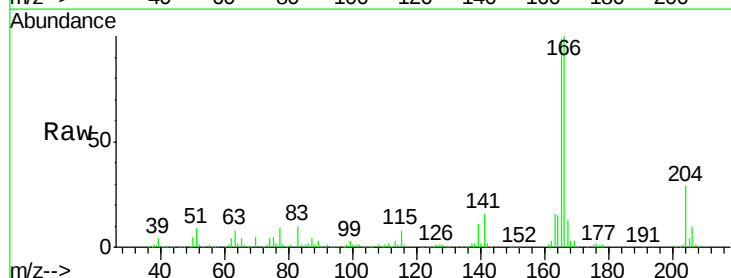
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

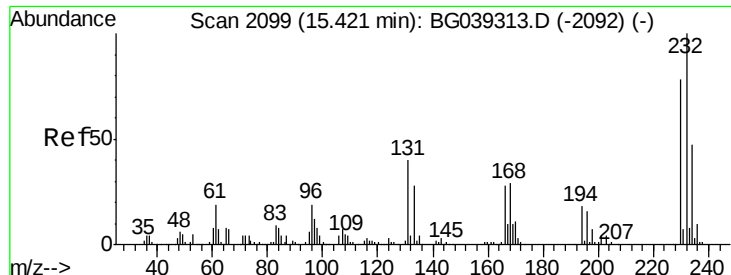
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	41.0	61.6
89	66.2	64.6	96.8
182	2.3	2.0	3.0



#58
Fluorene
Concen: 39.30 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	13.5	10.8	16.2

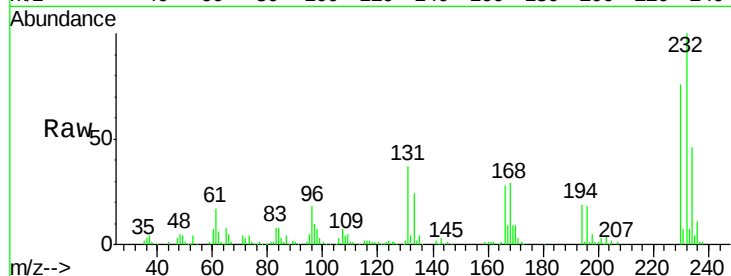




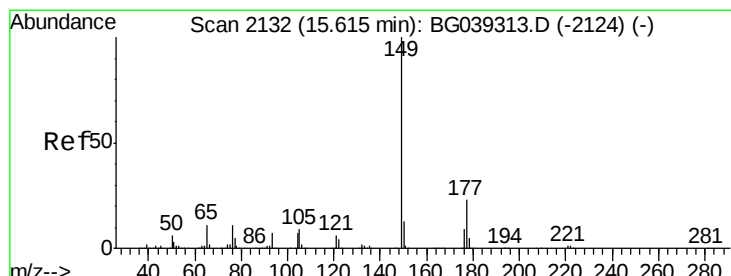
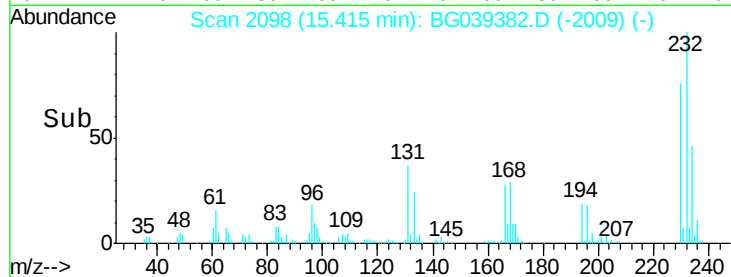
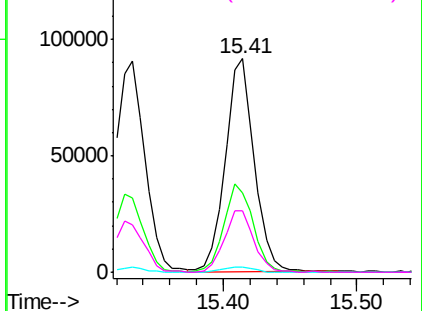
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.72 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	139241
Ion	Ratio	Lower	Upper
232	100		
131	40.9	34.9	52.3
130	2.4	2.0	3.0
166	29.0	24.1	36.1

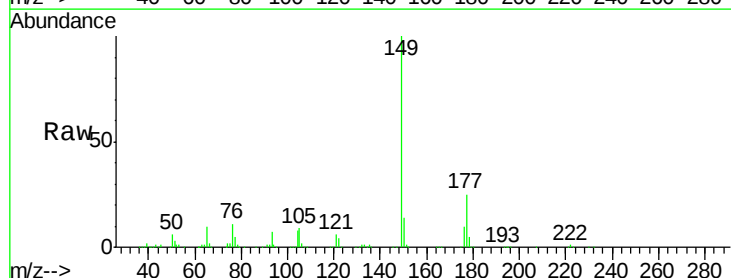


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

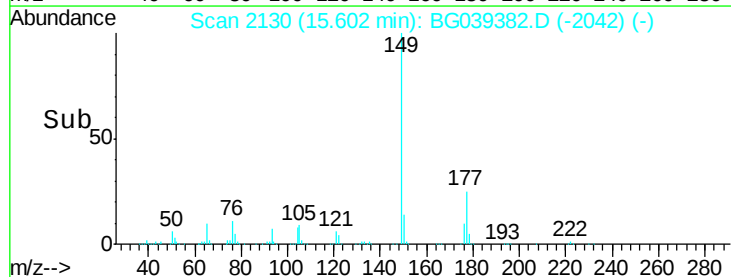
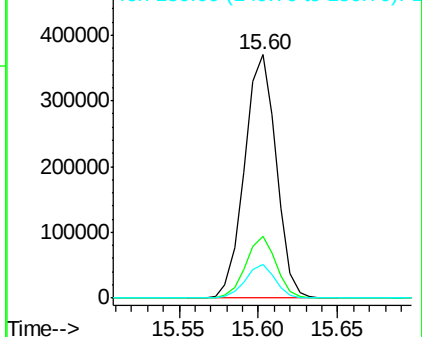


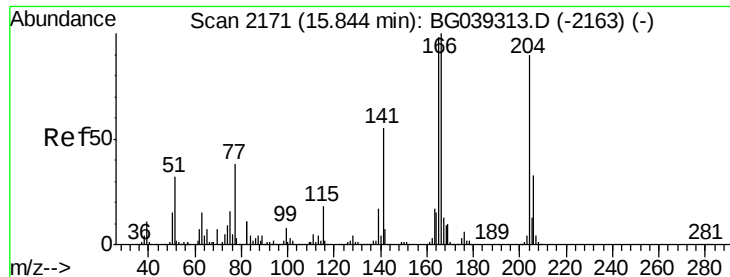
#60
 Diethylphthalate
 Concen: 37.94 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:	149	Resp:	513862
Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.3	27.5
150	13.6	10.2	15.2



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

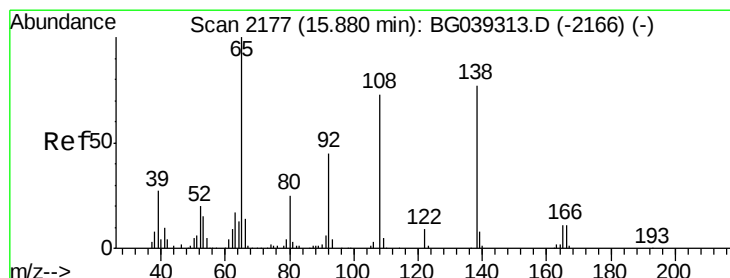
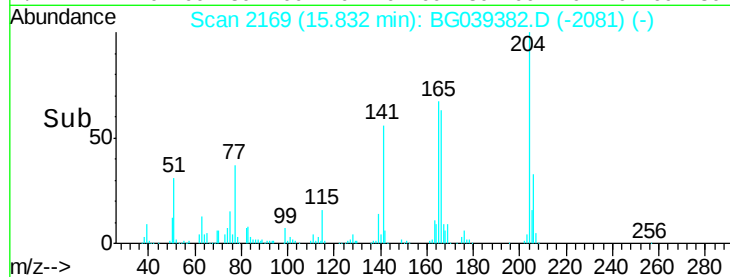
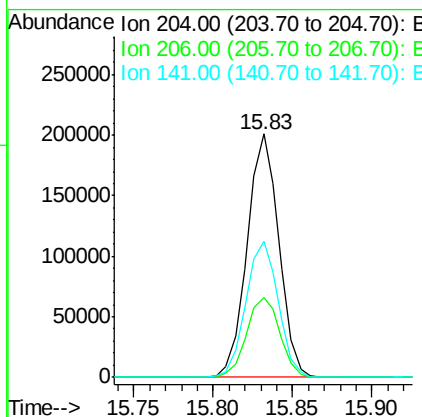
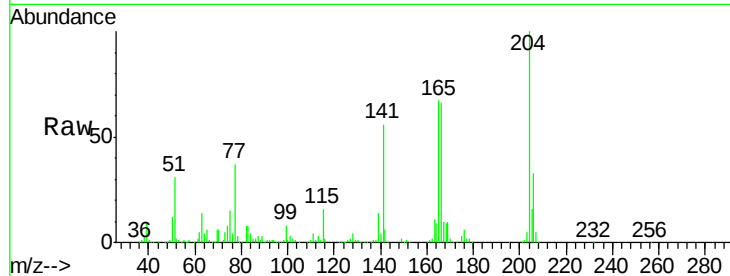




#61
 4-Chlorophenyl-phenylether
 Concen: 41.45 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

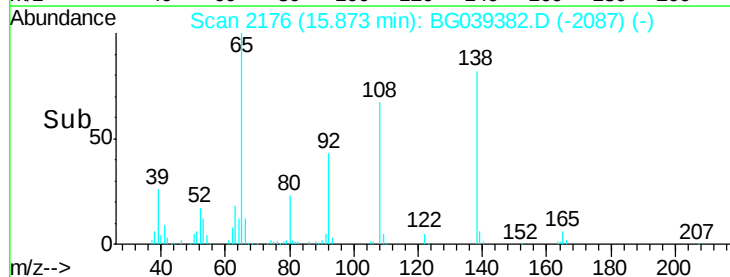
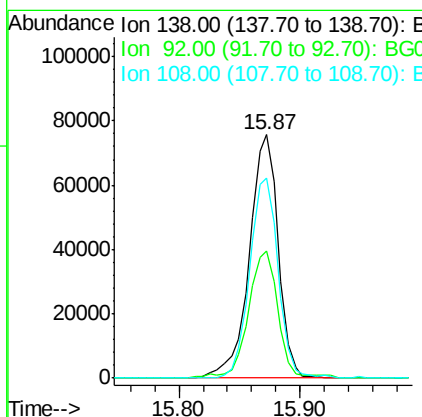
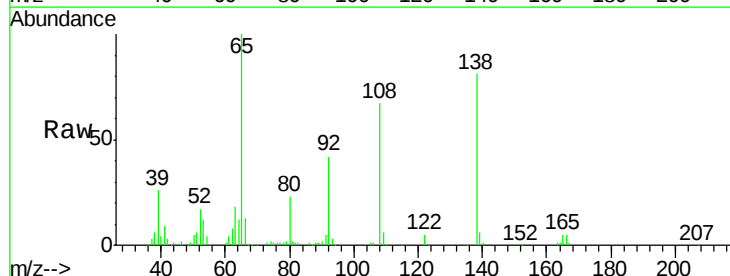
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

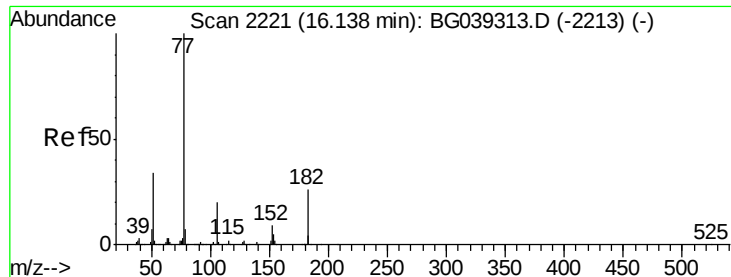
Tot Ion:204 Resp: 278916
 Ion Ratio Lower Upper
 204 100
 206 32.7 29.2 43.8
 141 55.7 49.0 73.4



#62
 4-Nitroaniline
 Concen: 46.03 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:138 Resp: 125913
 Ion Ratio Lower Upper
 138 100
 92 52.0 38.7 78.7
 108 82.4 74.6 114.6





#63

Azobenzene

Concen: 36.60 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 484459

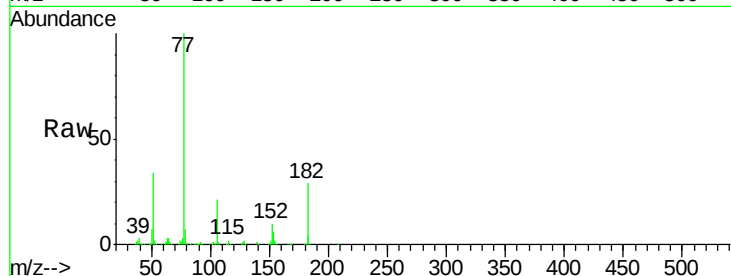
Ion Ratio Lower Upper

77 100

182 29.0 6.4 46.4

105 21.2 0.0 39.8

51 33.5 14.1 54.1

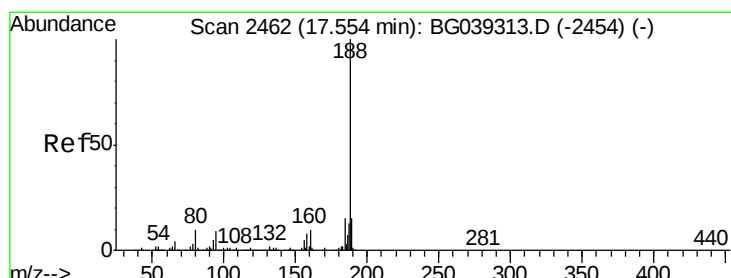
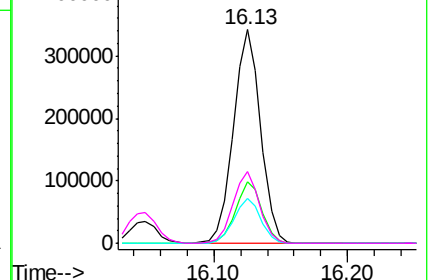
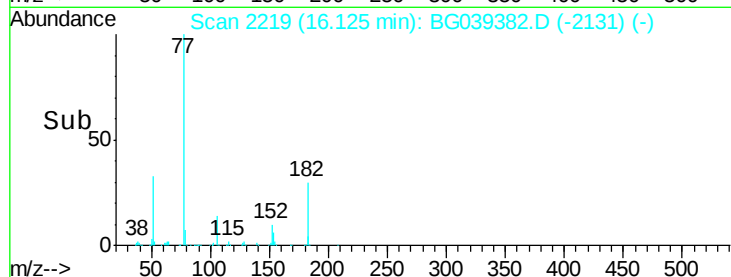


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

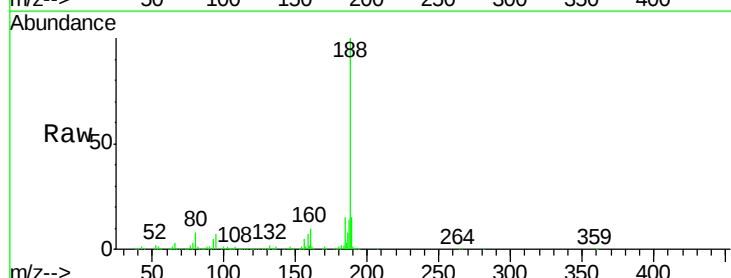
Tgt Ion: 188 Resp: 384405

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

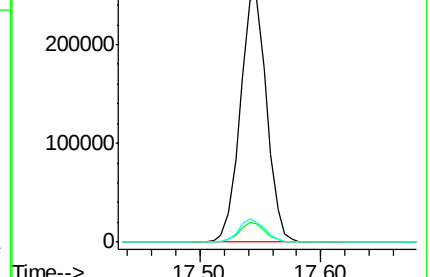
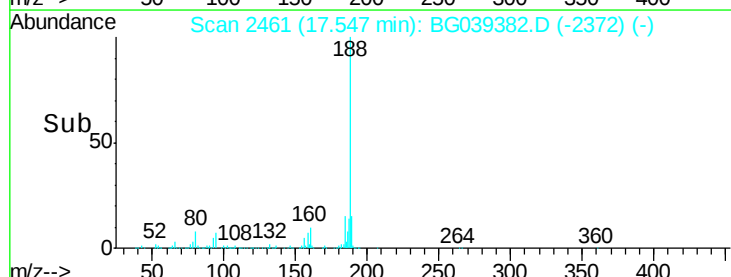
80 8.3 8.1 12.1

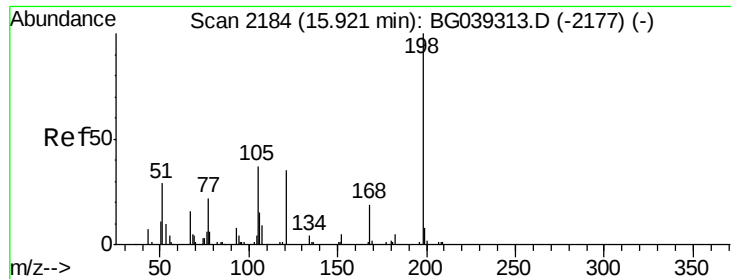


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

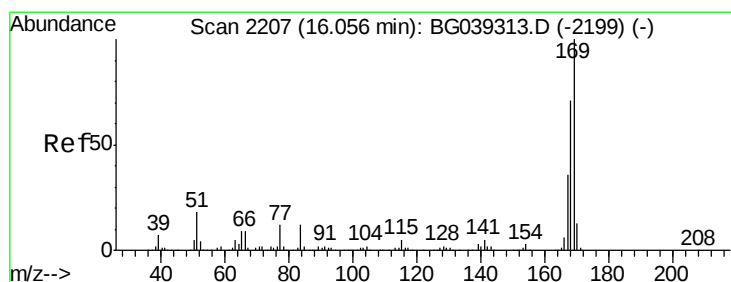
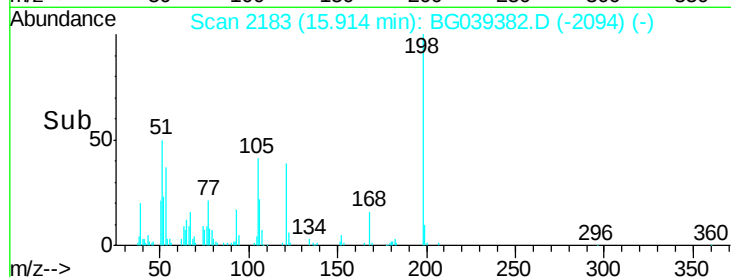
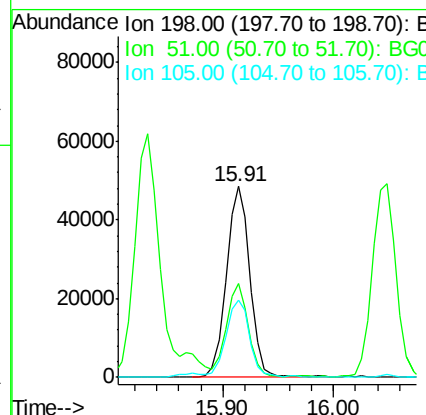
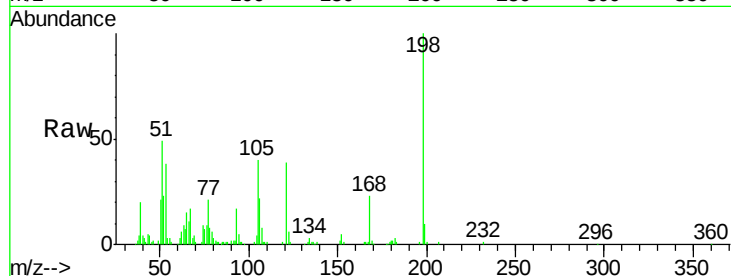




#65
4,6-Dinitro-2-methylphenol
Concen: 47.65 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

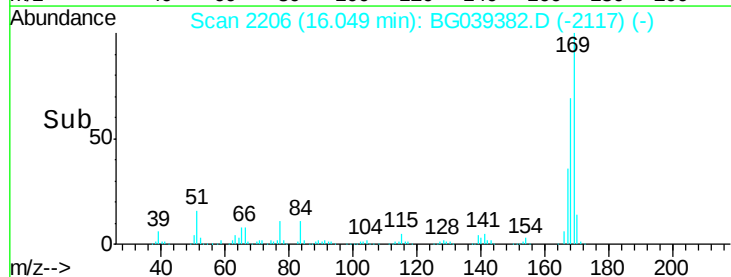
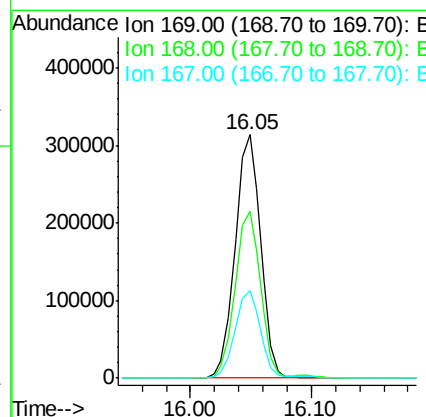
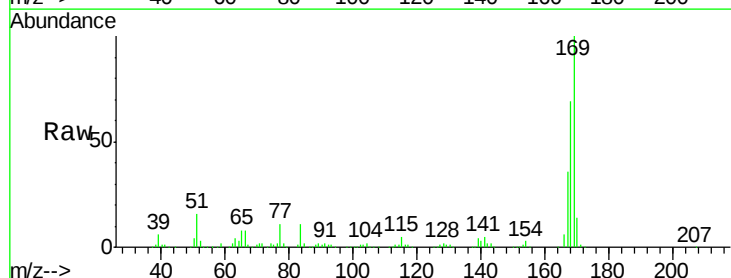
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

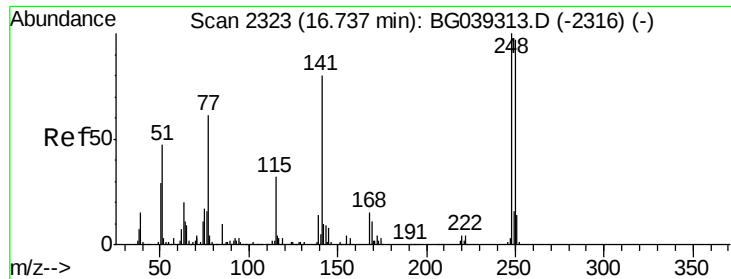
Tot Ion:198 Resp: 71949
Ion Ratio Lower Upper
198 100
51 49.5 27.4 67.4
105 40.3 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 39.59 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:169 Resp: 462767
Ion Ratio Lower Upper
169 100
168 68.6 56.6 85.0
167 35.9 28.8 43.2

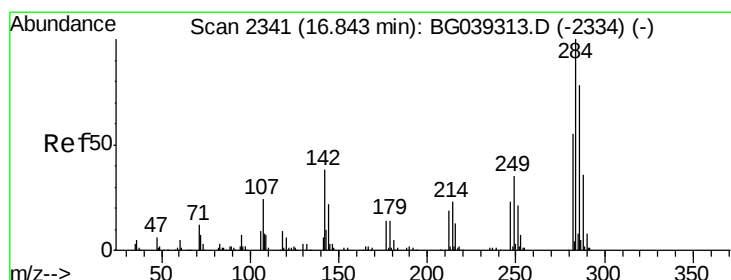
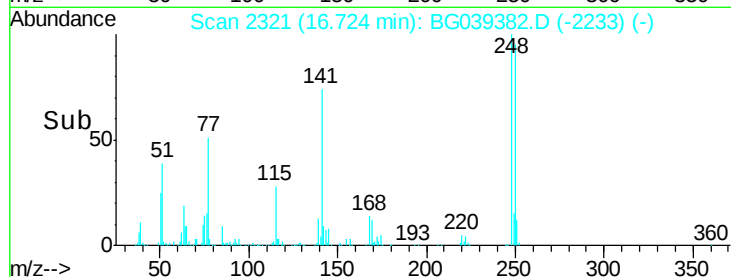
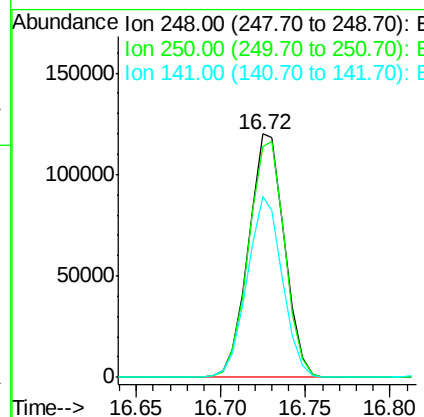
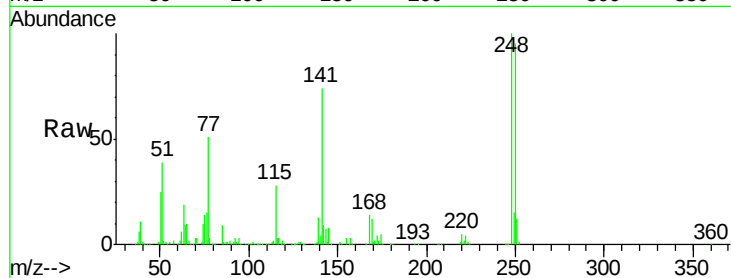




#67
4-Bromophenyl-phenylether
Concen: 41.54 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

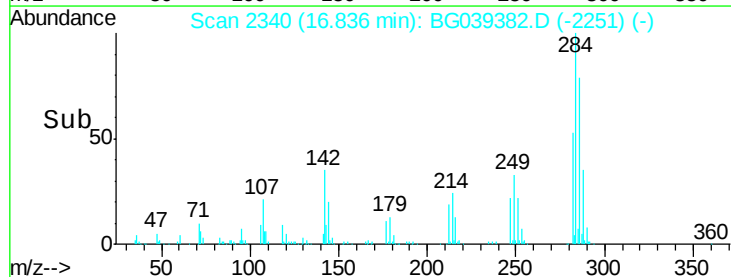
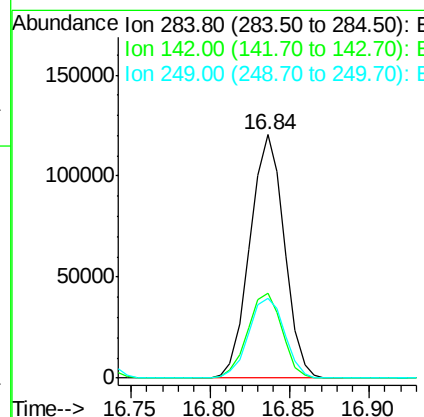
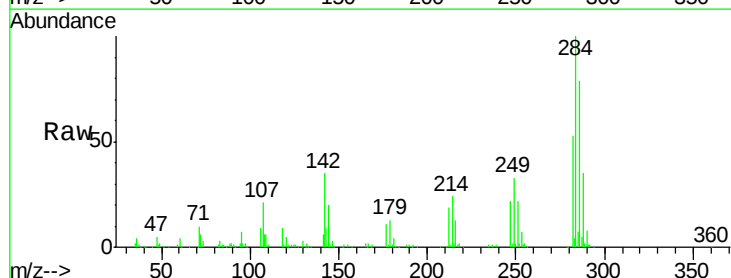
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

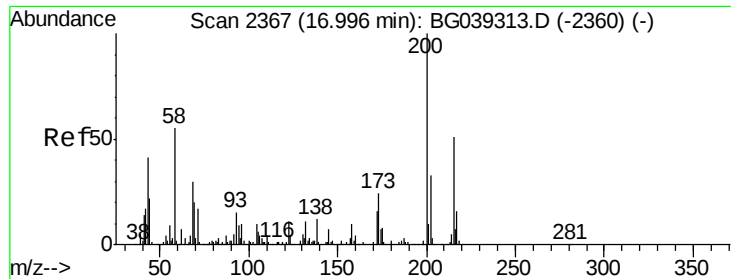
Tot Ion:248 Resp: 177158
Ion Ratio Lower Upper
248 100
250 94.9 77.6 116.4
141 74.3 63.9 95.9



#68
Hexachlorobenzene
Concen: 42.39 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:284 Resp: 181378
Ion Ratio Lower Upper
284 100
142 34.7 30.6 45.8
249 33.0 28.2 42.2

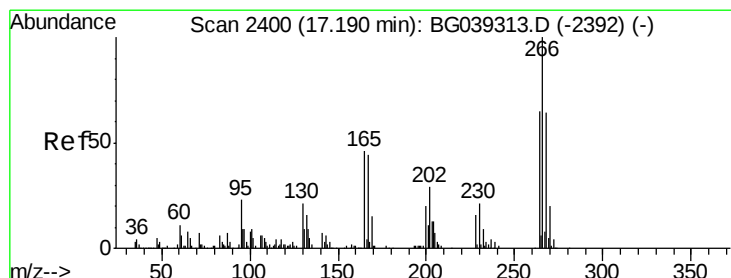
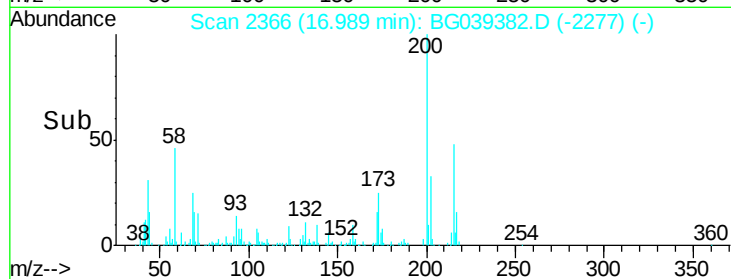
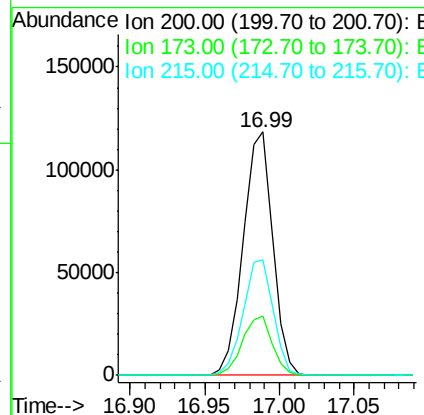
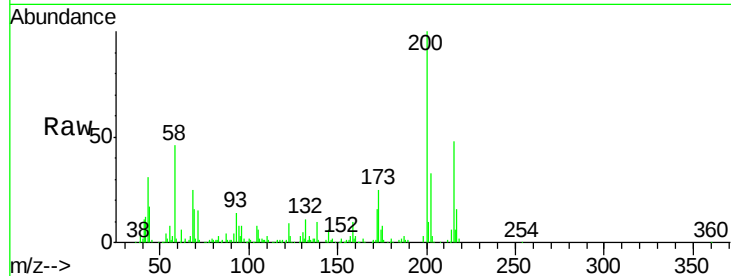




#69
 Atrazine
 Concen: 38.09 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

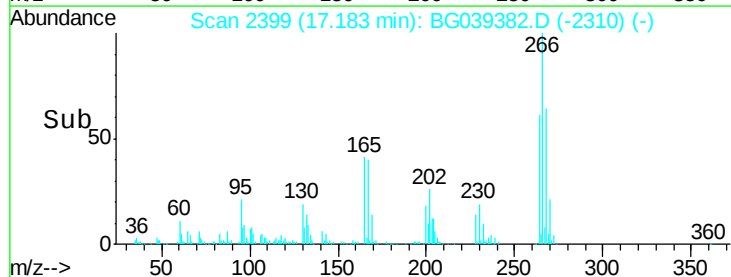
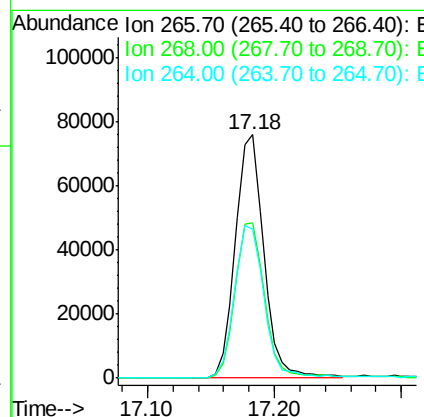
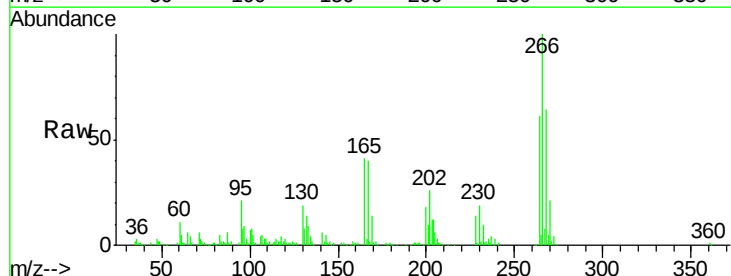
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

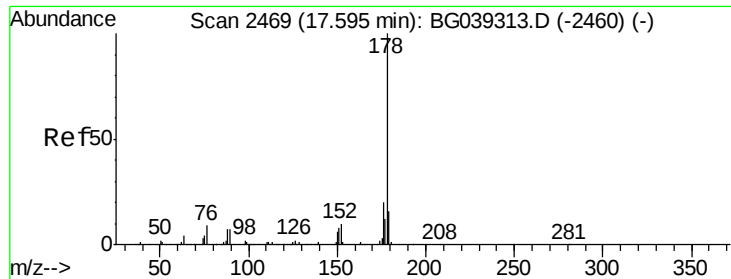
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	3.9	43.9
215	47.7	30.9	70.9



#70
 Pentachlorophenol
 Concen: 39.77 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	61.2	52.1	78.1





#71

Phenanthrene

Concen: 38.70 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

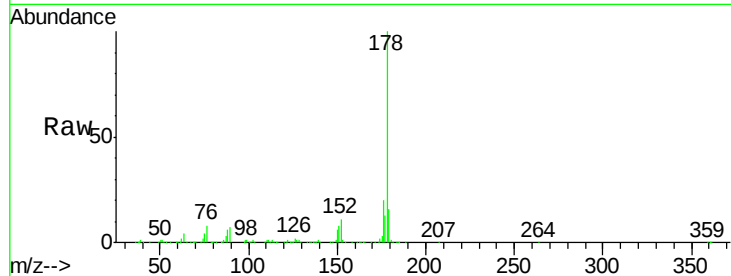
Tot Ion:178 Resp: 770052

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

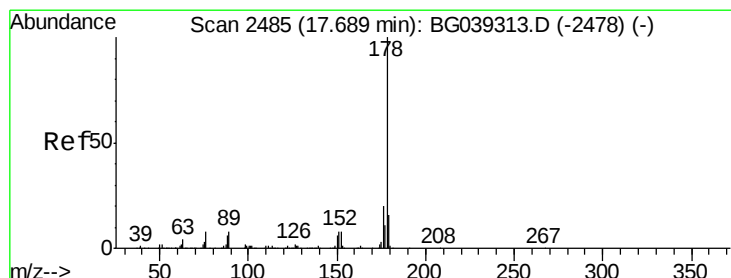
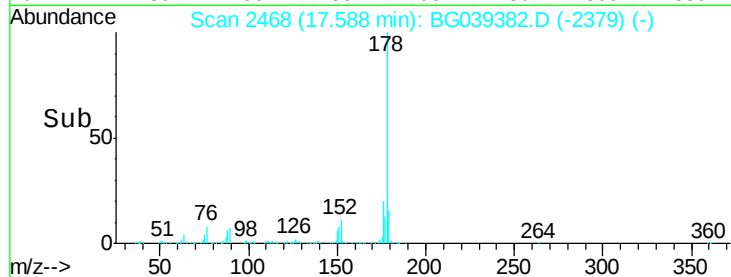
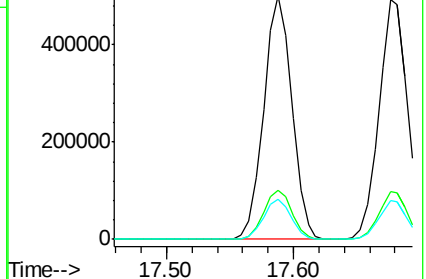
179 16.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.09 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

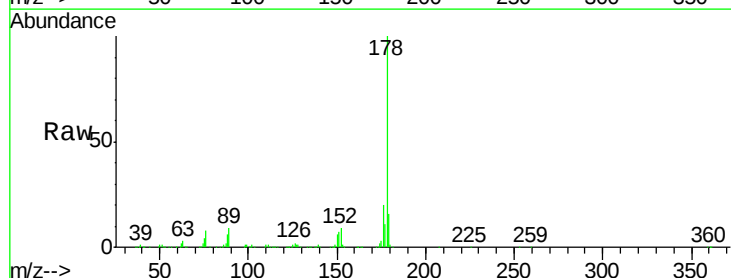
Tgt Ion:178 Resp: 766093

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.6

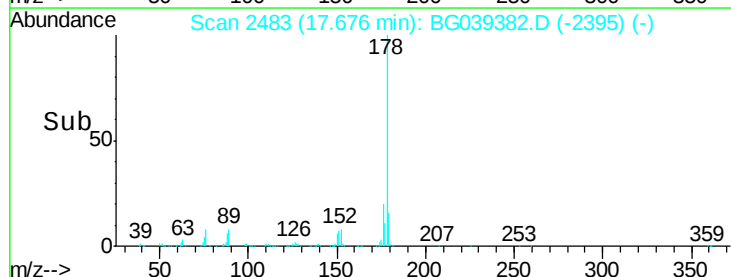
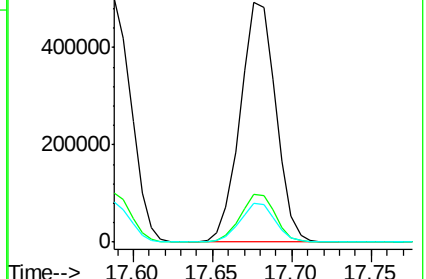
179 16.3 12.5 18.7

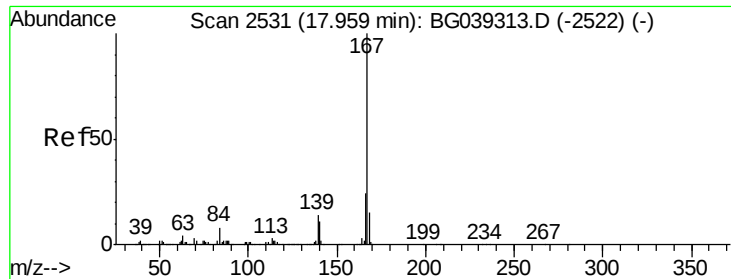


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

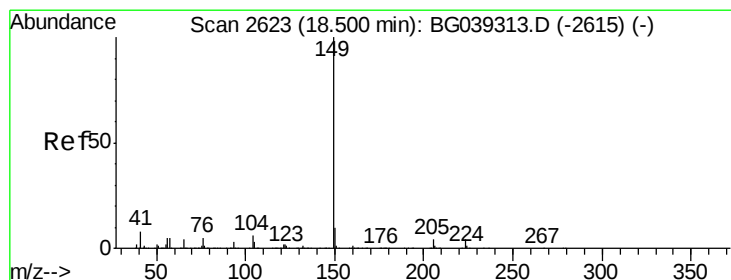
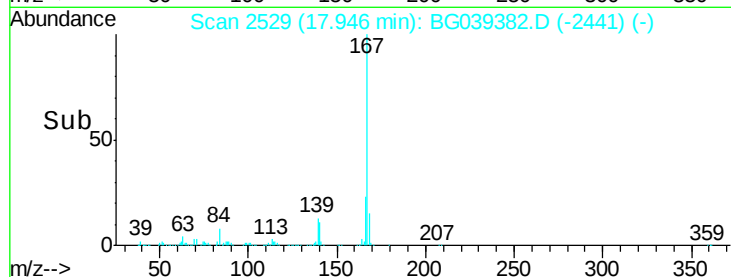
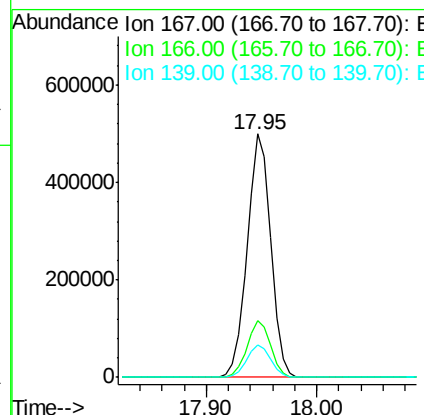
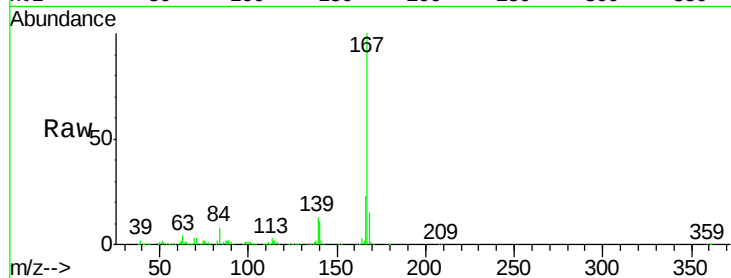




#73
 Carbazole
 Concen: 38.18 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

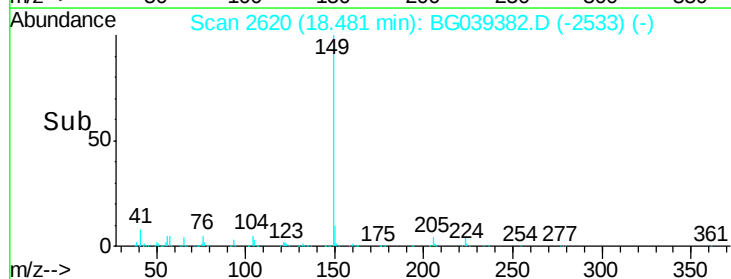
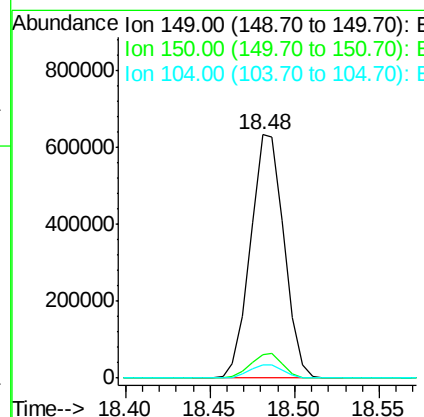
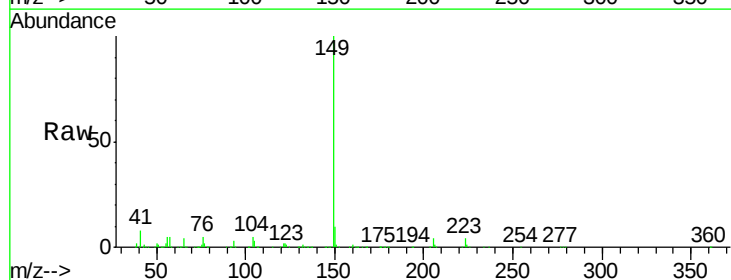
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

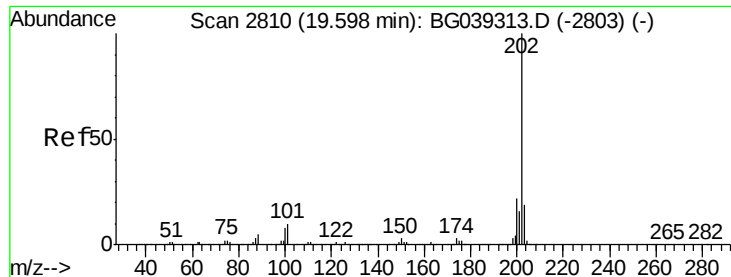
Tot Ion:167 Resp: 746712
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.34 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:149 Resp: 874767
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 39.41 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

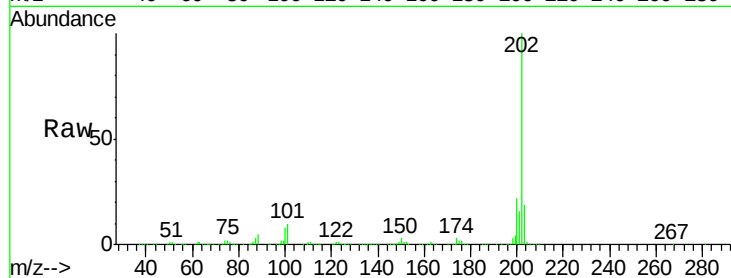
Tot Ion:202 Resp: 910093

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

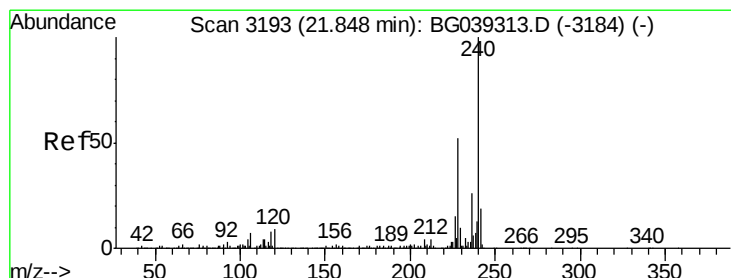
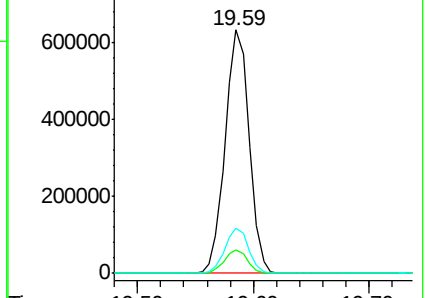
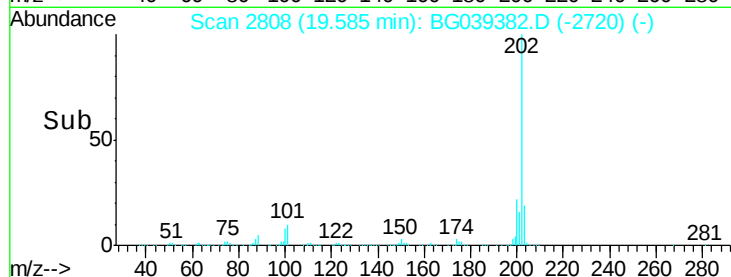
203 18.5 0.0 38.9



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: 20.00 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

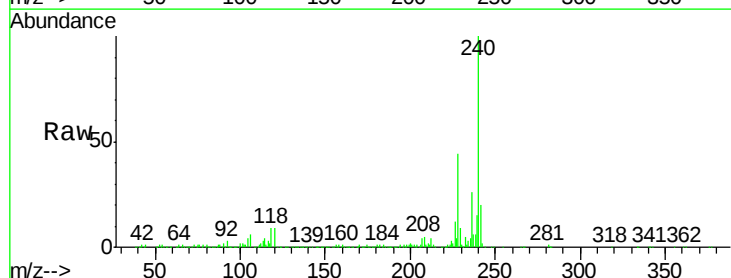
Tgt Ion:240 Resp: 381409

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

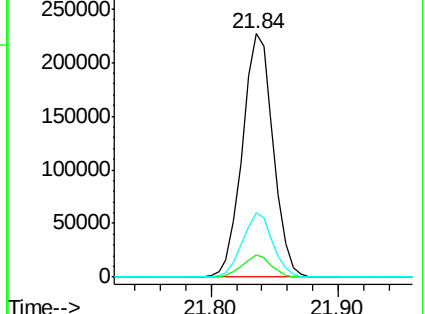
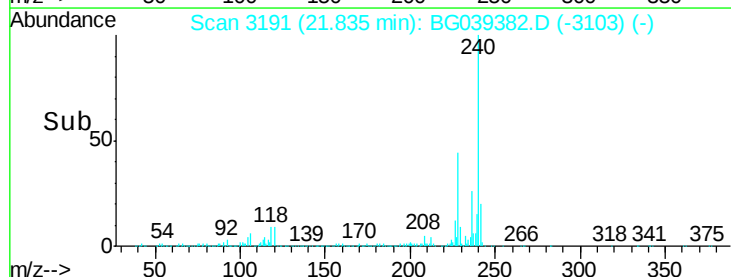
236 26.4 21.0 31.4

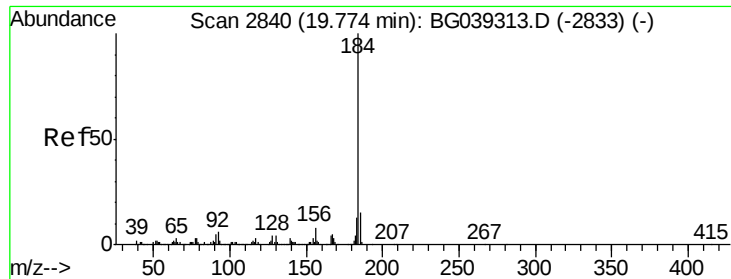


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.06 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

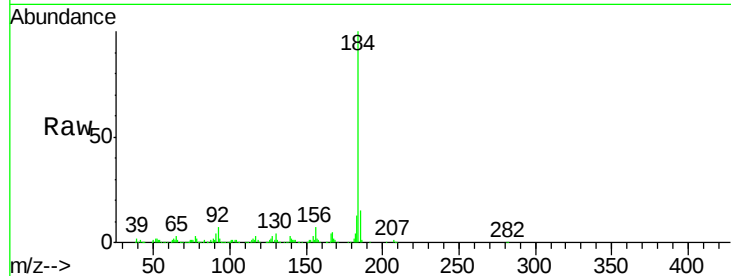
Tot Ion:184 Resp: 450905

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

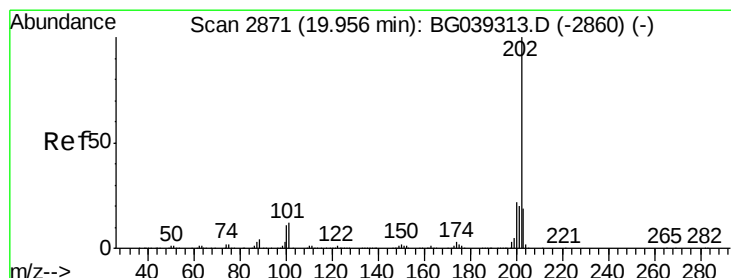
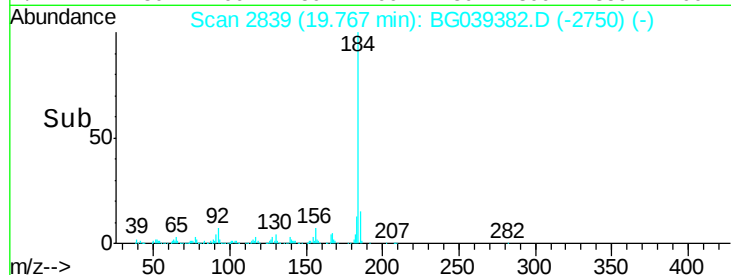
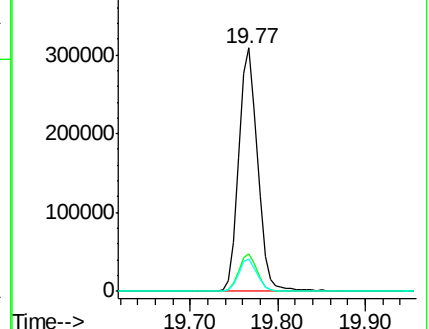
183 13.1 10.6 15.8



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: 39.00 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

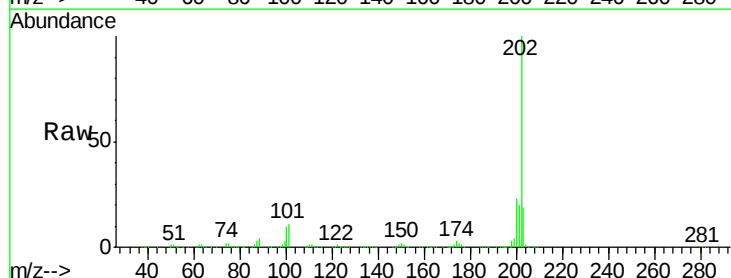
Tgt Ion:202 Resp: 925918

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

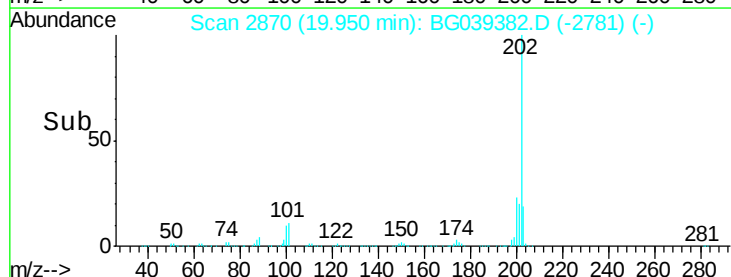
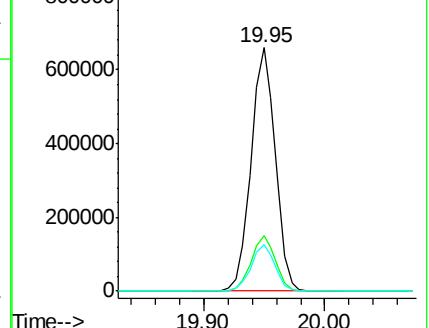
203 19.0 15.3 22.9

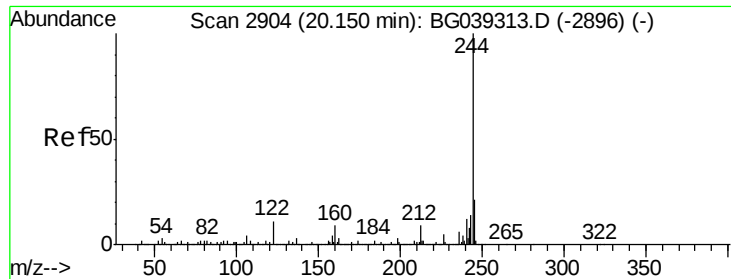


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.23 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

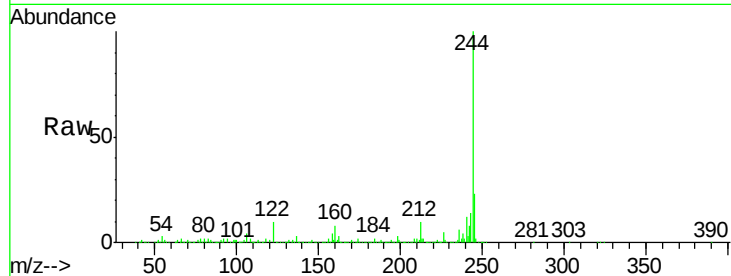
Tot Ion:244 Resp: 1373679

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

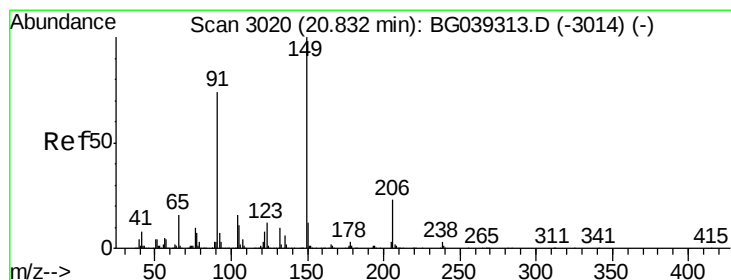
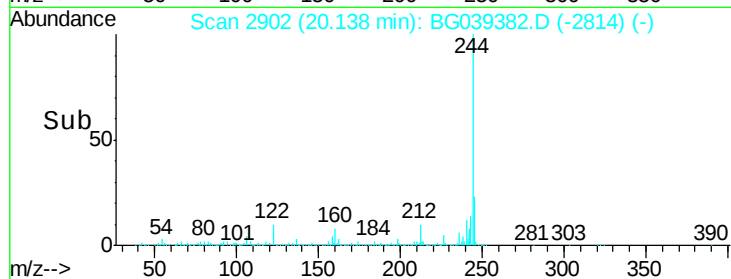
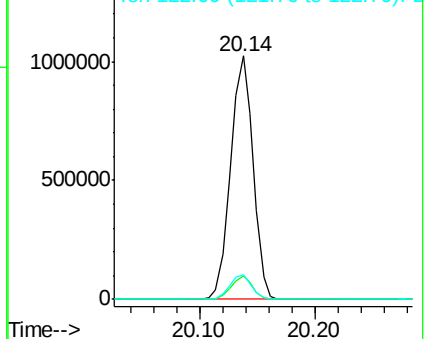
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.01 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

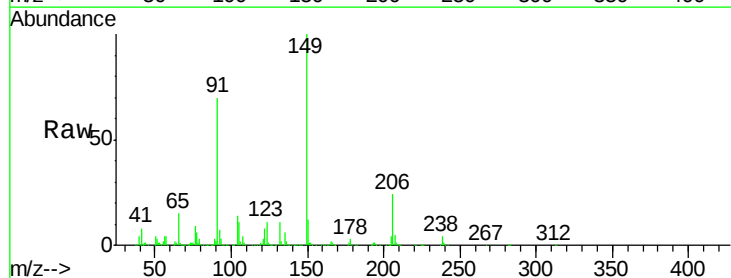
Tgt Ion:149 Resp: 400695

Ion Ratio Lower Upper

149 100

91 70.1 59.5 89.3

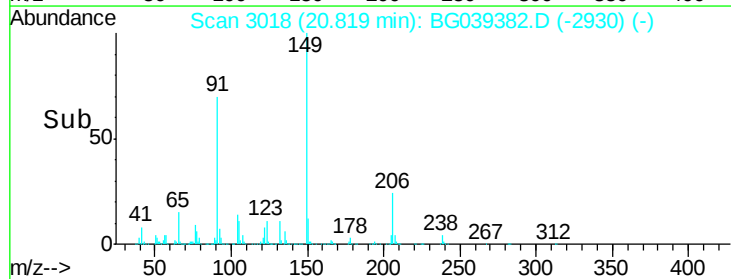
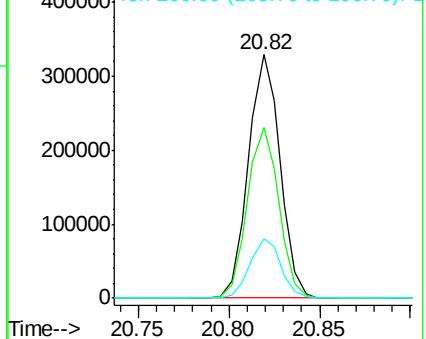
206 24.1 18.6 27.8

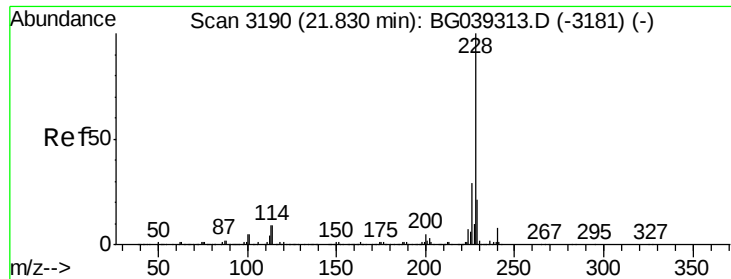


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

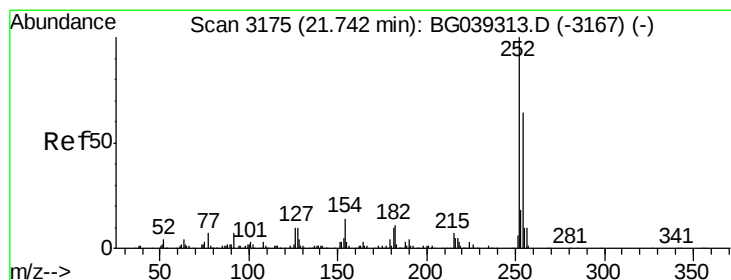
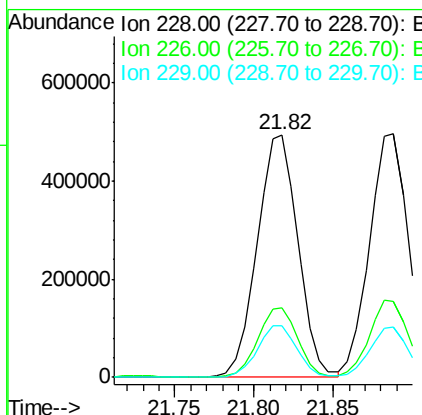
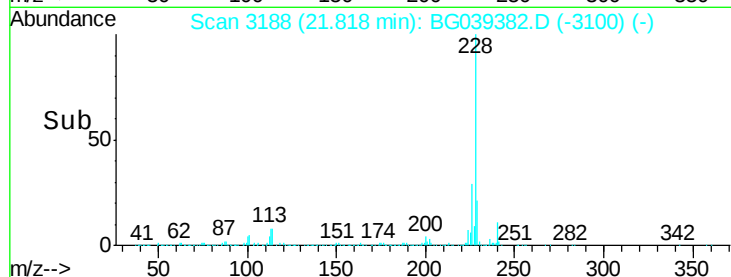
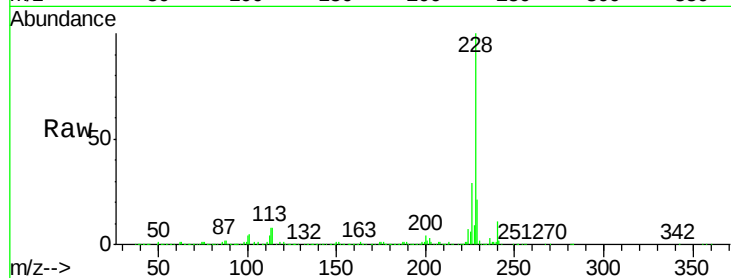




#81
Benzo(a)anthracene
Concen: 39.27 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

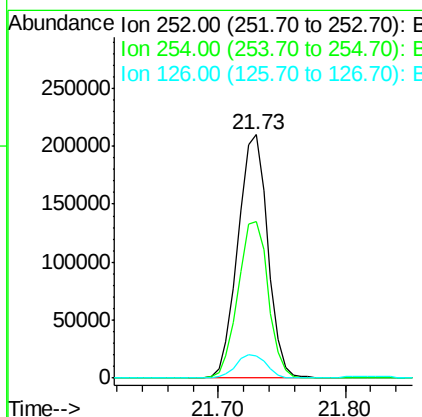
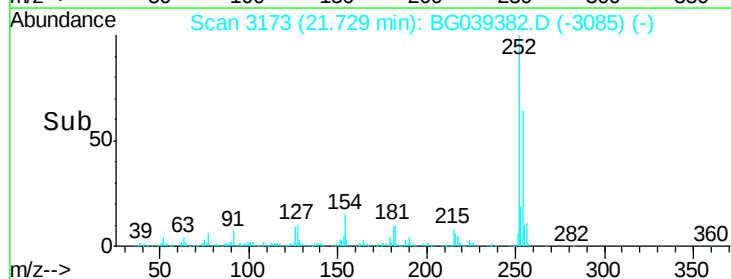
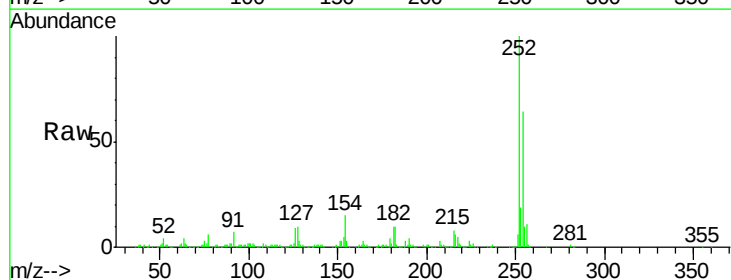
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

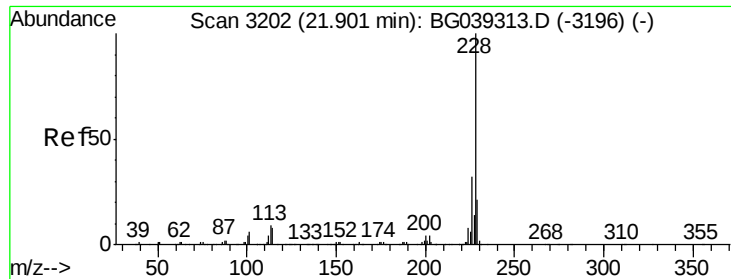
Tot Ion:228 Resp: 885091
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 21.3 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 41.07 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:252 Resp: 343243
Ion Ratio Lower Upper
252 100
254 64.3 51.3 76.9
126 9.2 8.0 12.0

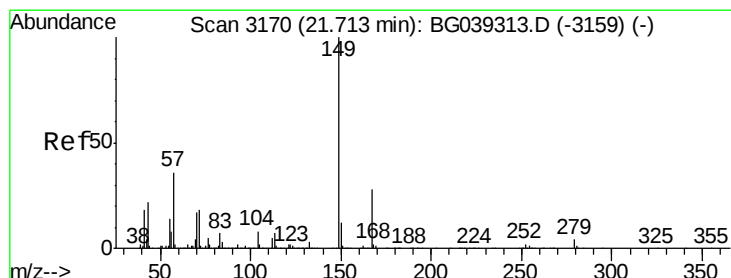
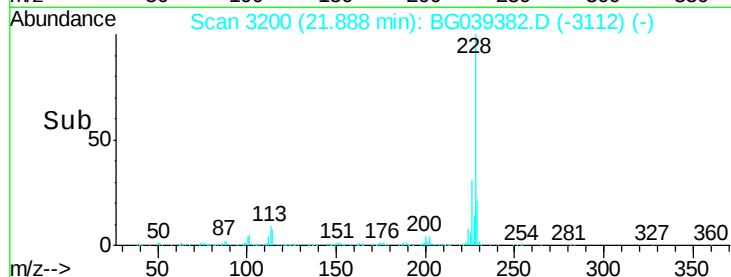
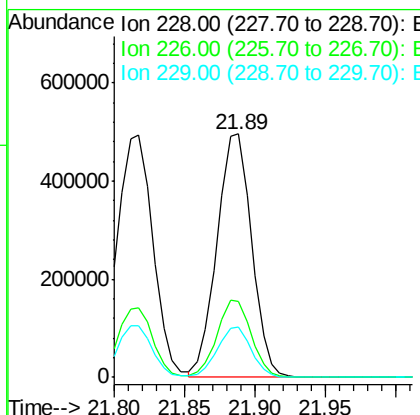
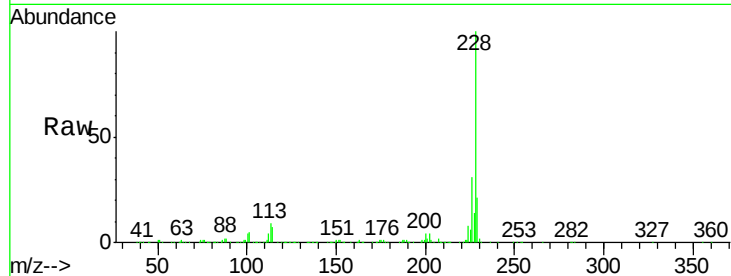




#83
 Chrysene
 Concen: 39.53 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

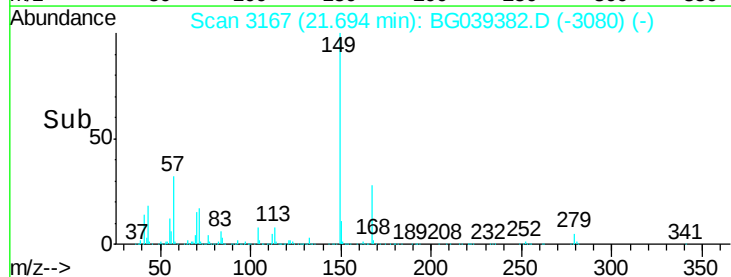
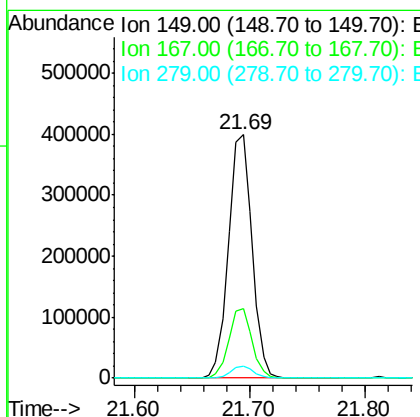
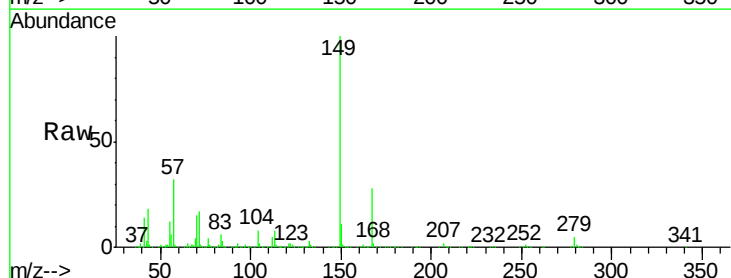
Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

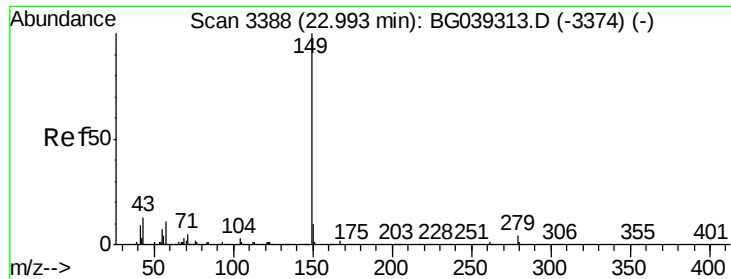
Tot Ion:228 Resp: 848094
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.8 38.6
 229 20.8 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.40 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039382.D
 Acq: 7 Feb 2019 14:37

Tgt Ion:149 Resp: 563002
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.6 34.0
 279 5.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 40.11 ng

RT: 22.96 min Scan# 3383

Delta R.T. -0.03 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

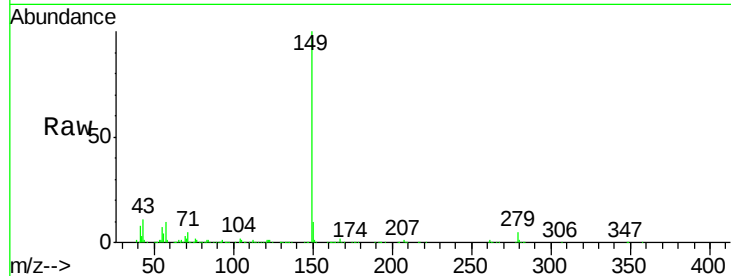
Tot Ion:149 Resp: 946848

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

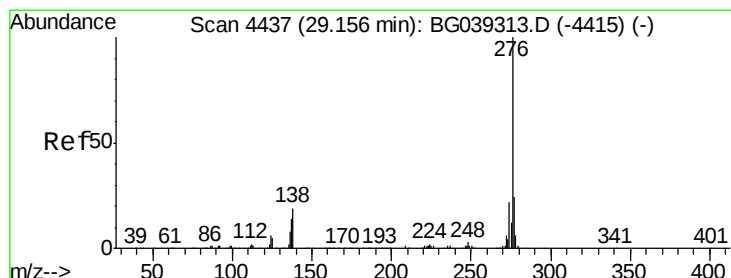
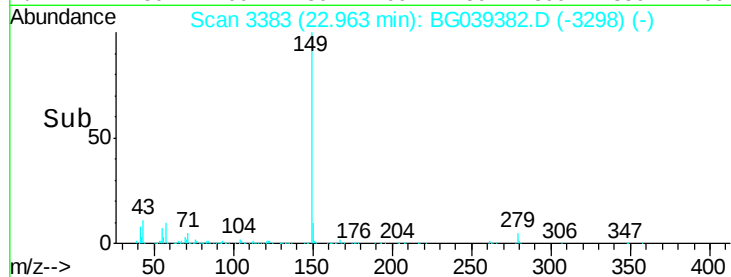
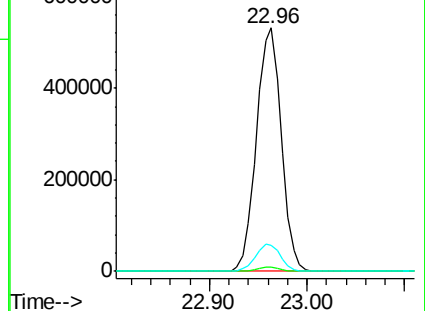
43 11.1 10.2 15.4



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: 42.52 ng

RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

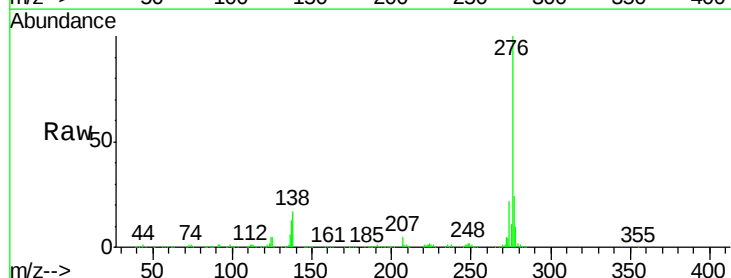
Tgt Ion:276 Resp: 978803

Ion Ratio Lower Upper

276 100

138 13.8 12.6 19.0

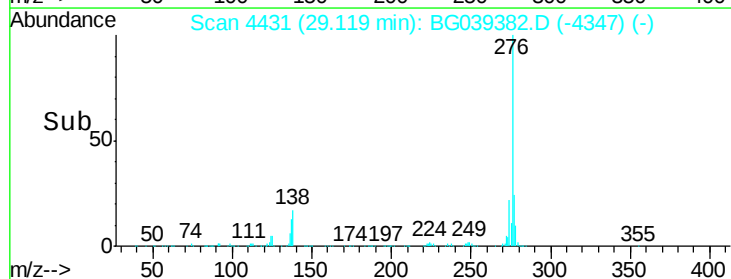
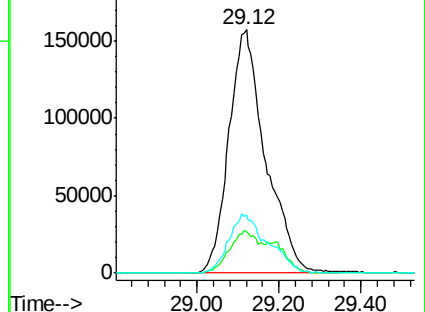
277 25.7 20.8 31.2

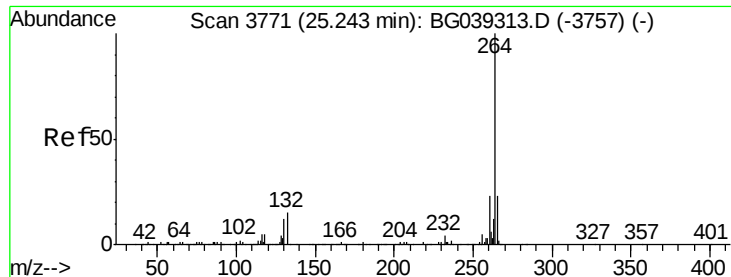


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

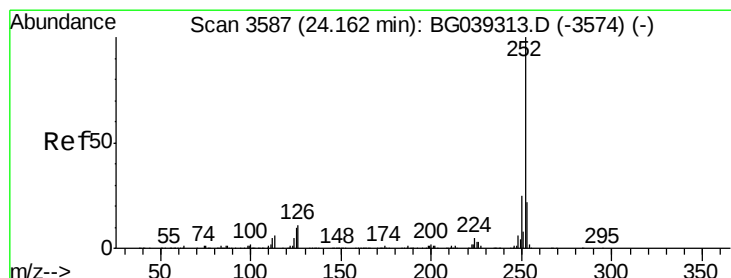
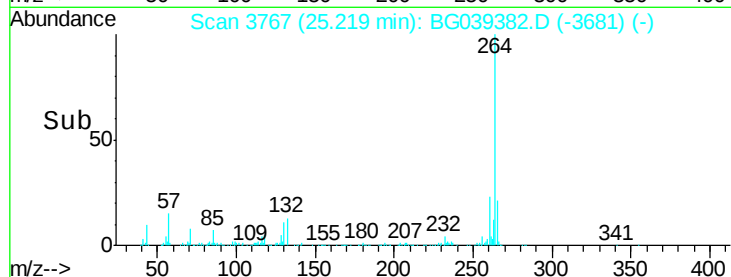
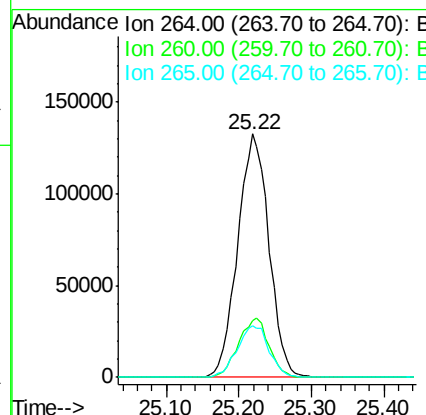
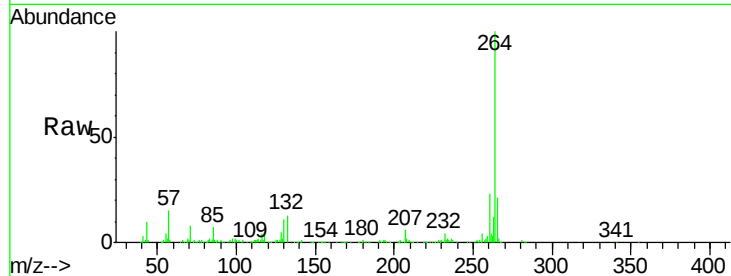




#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

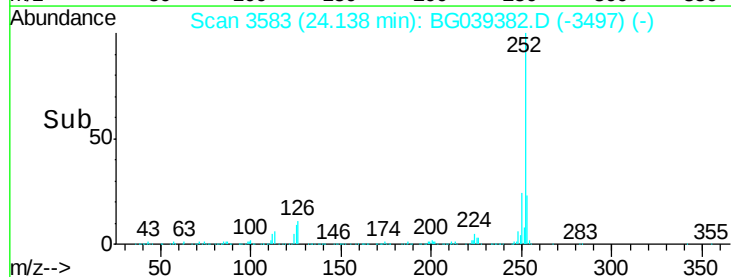
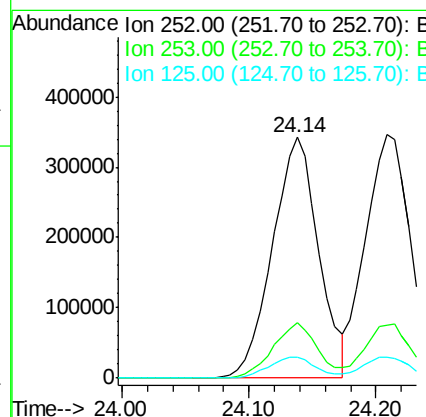
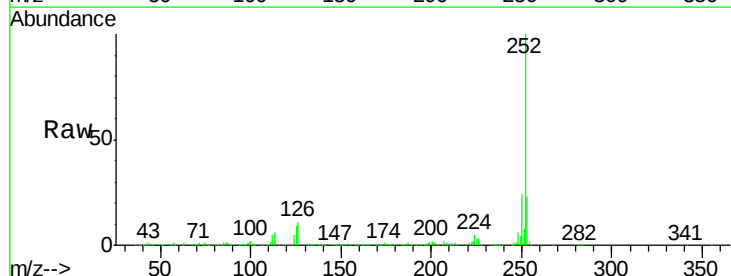
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

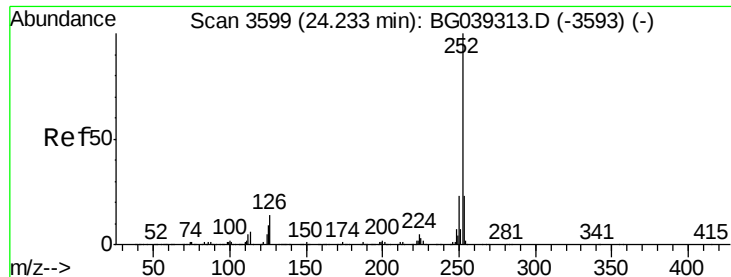
Tot Ion:264 Resp: 396079
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.4
265 21.1 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 40.13 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.02 min
Lab File: BG039382.D
Acq: 7 Feb 2019 14:37

Tgt Ion:252 Resp: 866836
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 39.23 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

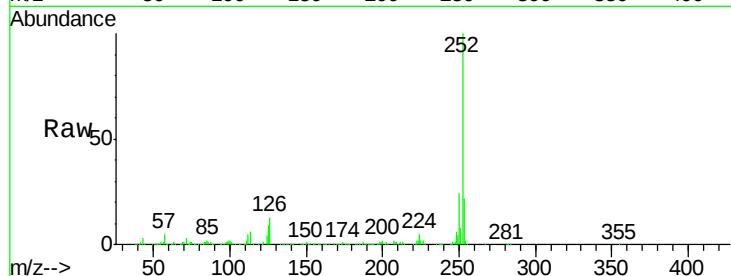
Tot Ion:252 Resp: 850850

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

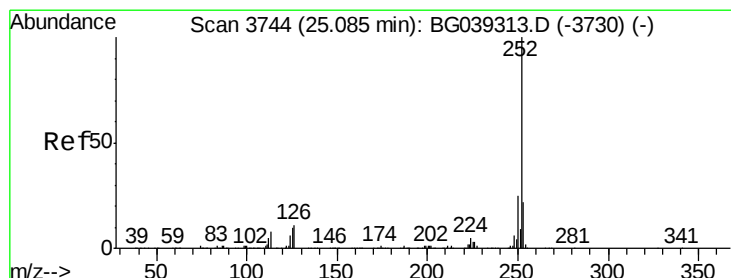
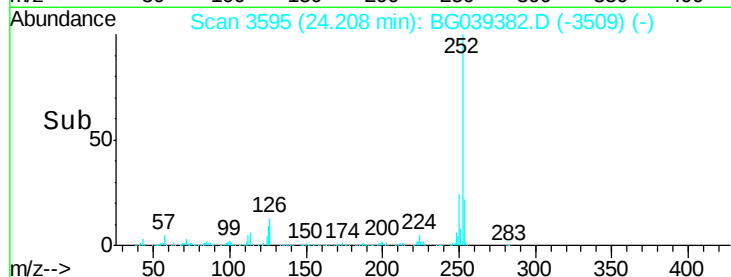
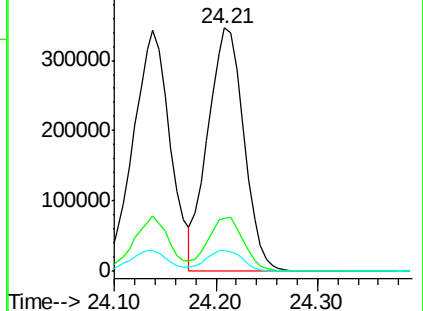
125 8.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.16 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.02 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

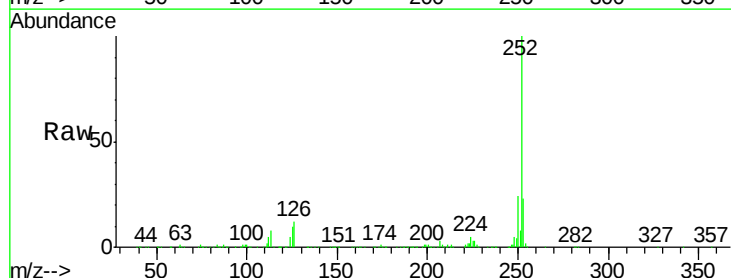
Tgt Ion:252 Resp: 835426

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

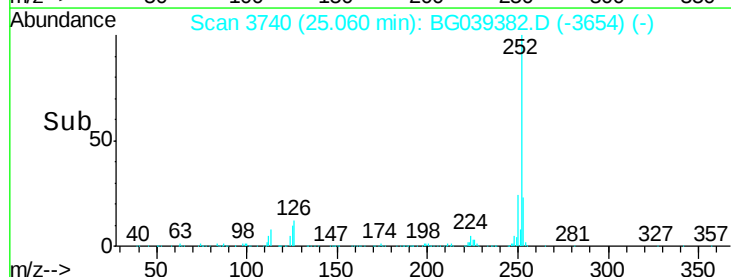
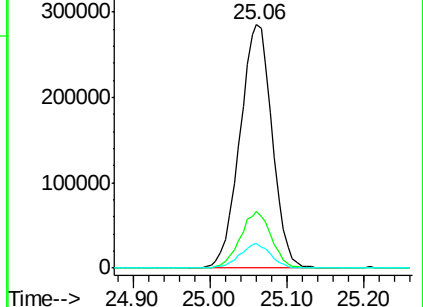
125 10.0 8.3 12.5

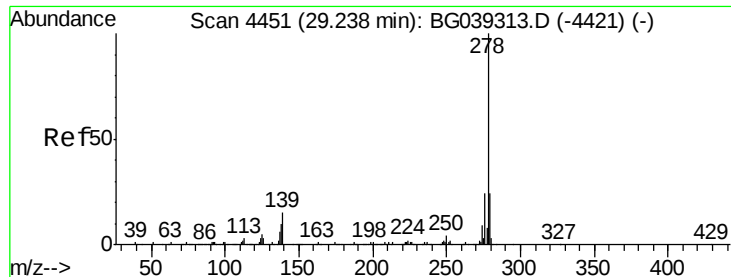


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.10 ng

RT: 29.20 min Scan# 4444

Delta R.T. -0.04 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

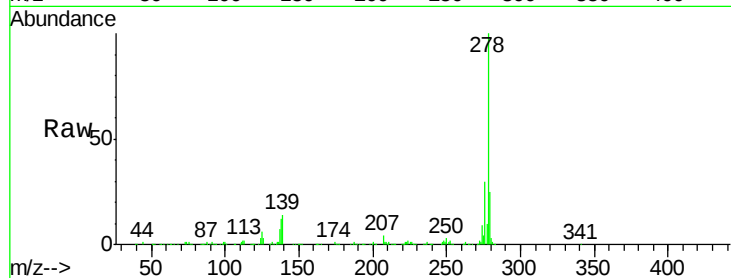
Tot Ion:278 Resp: 800756

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

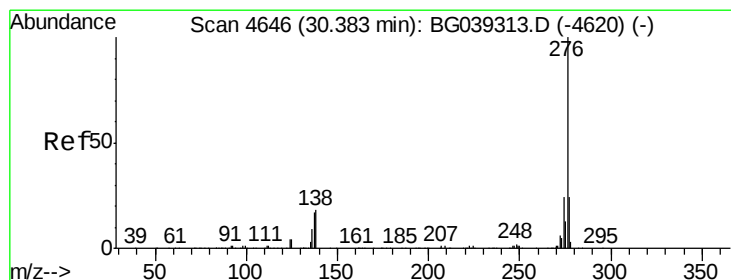
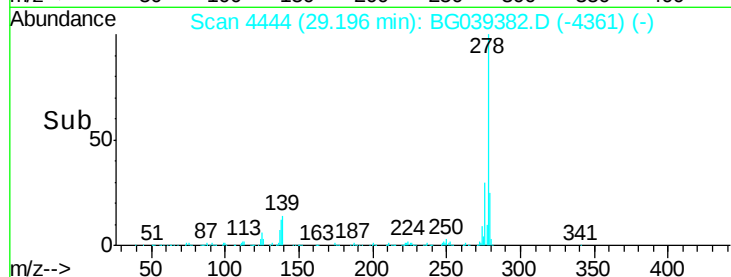
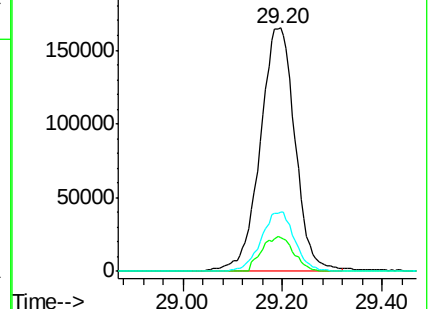
279 24.6 19.1 28.7



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: 41.07 ng

RT: 30.35 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039382.D

Acq: 7 Feb 2019 14:37

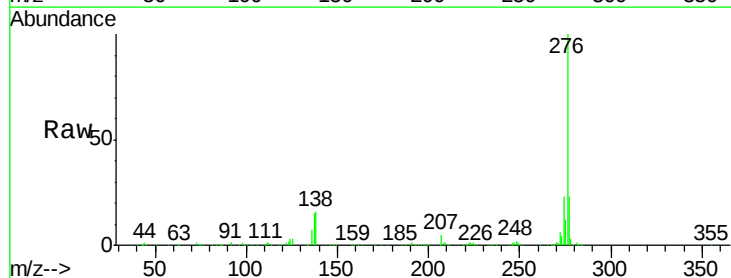
Tgt Ion:276 Resp: 797491

Ion Ratio Lower Upper

276 100

277 23.2 19.6 29.4

138 16.5 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

