

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039401.D
 Acq On : 8 Feb 2019 4:10
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 08 09:17:07 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	64419	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	277082	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	180031	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	423536	20.00	ng	0.00
76) Chrysene-d12	21.84	240	436064	20.00	ng	0.00
87) Perylene-d12	25.22	264	460128	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	314380	83.53	ng	0.00
7) Phenol-d6	7.31	99	464740	83.88	ng	0.00
23) Nitrobenzene-d5	9.36	82	415915	93.77	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	172932	89.20	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	980665	78.14	ng	0.00
79) Terphenyl-d14	20.14	244	1520258	73.79	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	67952	41.27	ng	93
3) Pyridine	4.02	79	189042	43.37	ng	97
4) n-Nitrosodimethylamine	3.93	42	85564	39.25	ng	89
6) Aniline	7.50	93	274785	39.60	ng	99
8) 2-Chlorophenol	7.74	128	171559	41.70	ng	98
9) Benzaldehyde	7.32	77	114924	42.18	ng	96
10) Phenol	7.34	94	236039	40.87	ng	94
11) bis(2-Chloroethyl)ether	7.59	93	179382	39.31	ng	98
12) 1,3-Dichlorobenzene	8.06	146	199125	39.95	ng	97
13) 1,4-Dichlorobenzene	8.21	146	199832	40.23	ng	98
14) 1,2-Dichlorobenzene	8.53	146	192186	39.96	ng	98
15) Benzyl Alcohol	8.42	79	170770	39.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	365212	35.44	ng	99
17) 2-Methylphenol	8.60	107	149683	40.05	ng	95
18) Hexachloroethane	9.26	117	70216	41.08	ng	94
19) n-Nitroso-di-n-propylamine	8.99	70	147531	37.52	ng	94
20) 3+4-Methylphenols	8.93	107	212128	41.22	ng	98
22) Acetophenone	9.01	105	286167	38.45	ng	# 96
24) Nitrobenzene	9.40	77	215503	44.98	ng	97
25) Isophorone	9.91	82	365648	37.20	ng	98
26) 2-Nitrophenol	10.11	139	102213	52.76	ng	96
27) 2,4-Dimethylphenol	10.14	122	160930	40.48	ng	93
28) bis(2-Chloroethoxy)methane	10.40	93	239051	39.49	ng	99
29) 2,4-Dichlorophenol	10.64	162	187855	43.23	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	202098	41.43	ng	97
31) Naphthalene	11.05	128	540466	39.32	ng	99
32) Benzoic acid	10.27	122	103323	41.25	ng	93
33) 4-Chloroaniline	11.16	127	251030	39.39	ng	98
34) Hexachlorobutadiene	11.31	225	136107	41.95	ng	96
35) Caprolactam	11.96	113	70733	39.34	ng	91
36) 4-Chloro-3-methylphenol	12.25	107	205786	40.95	ng	99
37) 2-Methylnaphthalene	12.64	142	392205	38.52	ng	97
38) 1-Methylnaphthalene	12.86	142	378582	38.58	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	240358	41.96	ng	99

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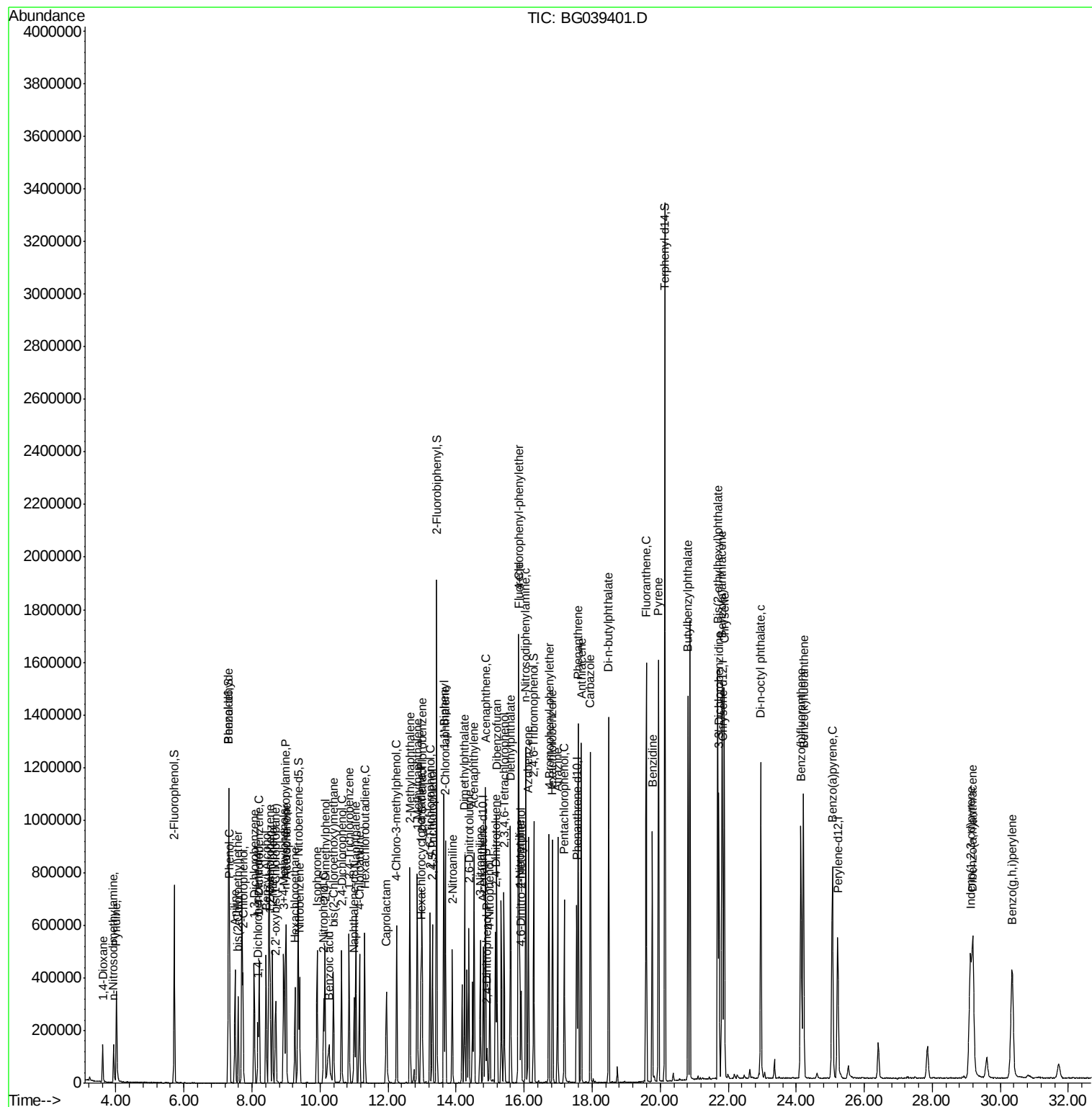
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	126833	40.63	nq	95
43) 2,4,6-Trichlorophenol	13.23	196	152175	43.21	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	164253	44.50	nq	99
46) 1,1'-Biphenyl	13.64	154	583531	38.96	nq	100
47) 2-Chloronaphthalene	13.69	162	454152	40.30	nq	98
48) 2-Nitroaniline	13.89	65	150834	46.84	nq	96
49) Acenaphthylene	14.53	152	662916	38.99	nq	98
50) Dimethylphthalate	14.25	163	567689	39.04	nq	99
51) 2,6-Dinitrotoluene	14.38	165	126187	46.65	nq	98
52) Acenaphthene	14.87	154	438707	39.75	nq	99
53) 3-Nitroaniline	14.71	138	131206	45.14	nq	# 94
54) 2,4-Dinitrophenol	14.91	184	31988	36.63	nq	94
55) Dibenzofuran	15.20	168	694826	39.26	nq	98
56) 4-Nitrophenol	14.99	139	103720	42.39	nq	91
57) 2,4-Dinitrotoluene	15.16	165	173709	49.59	nq	86
58) Fluorene	15.85	166	509040	38.59	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	156937	45.41	nq	# 96
60) Diethylphthalate	15.60	149	570601	37.96	nq	99
61) 4-Chlorophenyl-phenylether	15.83	204	299812	40.14	nq	98
62) 4-Nitroaniline	15.87	138	136886	45.17	nq	98
63) Azobenzene	16.12	77	535600	36.45	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	82455	49.00	nq	99
66) n-Nitrosodiphenylamine	16.05	169	508069	39.45	nq	98
67) 4-Bromophenyl-phenylether	16.73	248	194359	41.36	nq	94
68) Hexachlorobenzene	16.83	284	200865	42.61	nq	96
69) Atrazine	16.99	200	180407	38.33	nq	97
70) Pentachlorophenol	17.18	266	133760	40.82	nq	96
71) Phenanthrene	17.59	178	847340	38.65	nq	100
72) Anthracene	17.68	178	849420	39.34	nq	98
73) Carbazole	17.94	167	827223	38.39	nq	99
74) Di-n-butylphthalate	18.49	149	965024	38.39	nq	99
75) Fluoranthene	19.59	202	1014495	39.87	nq	99
77) Benzidine	19.77	184	527300	36.88	nq	99
78) Pyrene	19.95	202	1033876	38.09	nq	100
80) Butylbenzylphthalate	20.82	149	446528	38.99	nq	96
81) Benzo(a)anthracene	21.82	228	1012844	39.31	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	390198	40.84	nq	99
83) Chrysene	21.89	228	966424	39.40	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	633653	38.79	nq	99
85) Di-n-octyl phthalate	22.96	149	1066232	39.50	nq	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1132215	43.02	nq	99
88) Benzo(b)fluoranthene	24.14	252	985619	39.28	nq	99
89) Benzo(k)fluoranthene	24.21	252	986547	39.16	nq	99
90) Benzo(a)pyrene	25.06	252	958603	39.67	nq	99
91) Dibenzo(a,h)anthracene	29.19	278	921941	40.74	nq	98
92) Benzo(g,h,i)perylene	30.35	276	931081	41.27	nq	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

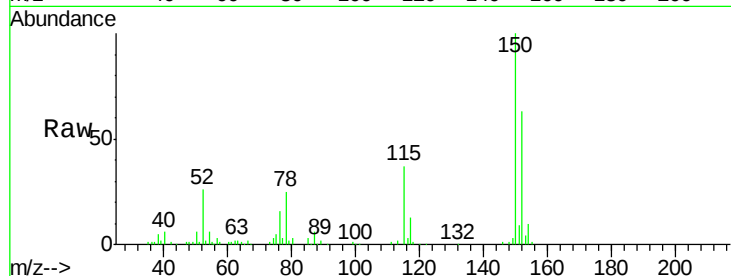
Tot Ion:152 Resp: 64419

Ion Ratio Lower Upper

152 100

150 158.4 123.7 185.5

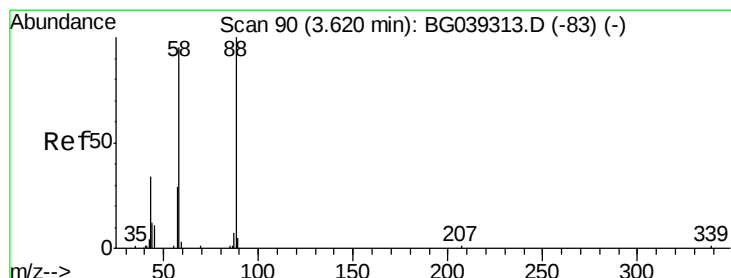
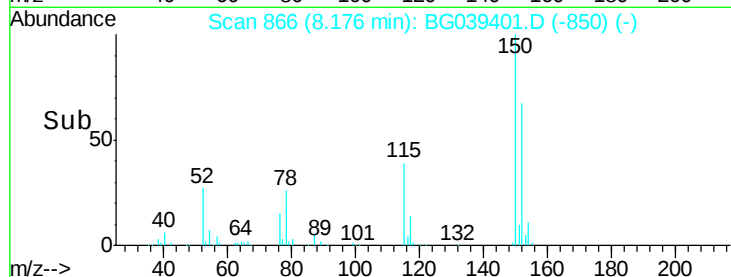
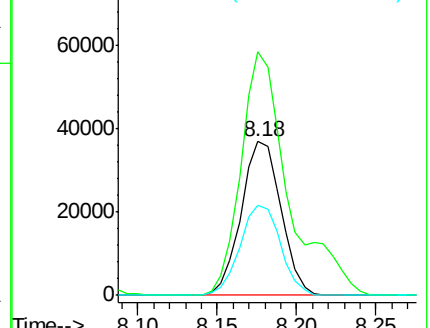
115 58.6 45.9 68.9



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



#2

1,4-Dioxane

Concen: 41.27 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

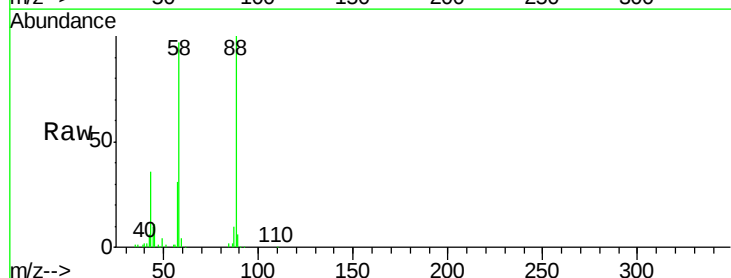
Tgt Ion: 88 Resp: 67952

Ion Ratio Lower Upper

88 100

58 94.1 81.1 121.7

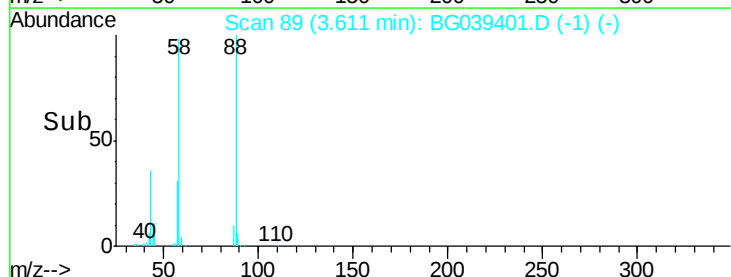
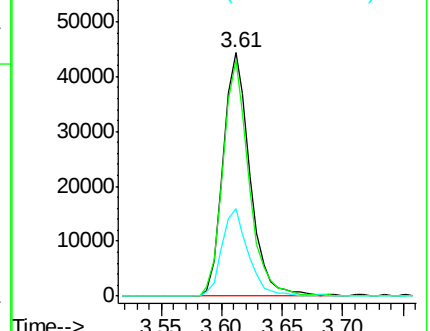
43 35.1 31.4 47.0



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: 43.37 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

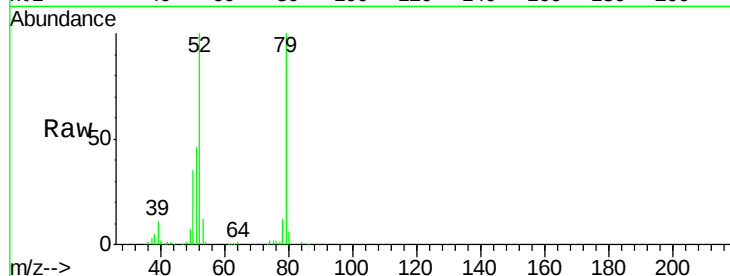
Tot Ion: 79 Resp: 189042

Ion Ratio Lower Upper

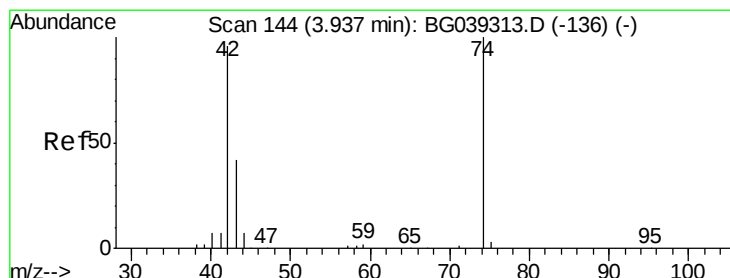
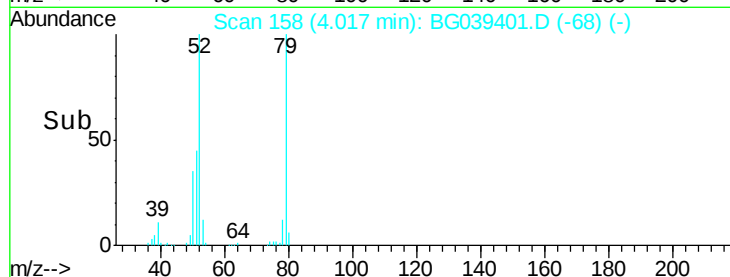
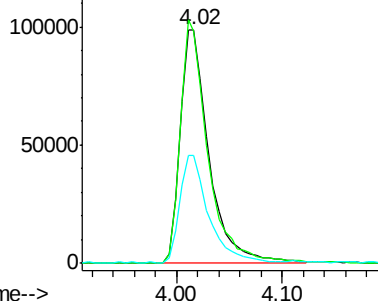
79 100

52 99.6 82.6 124.0

51 46.2 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: 39.25 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

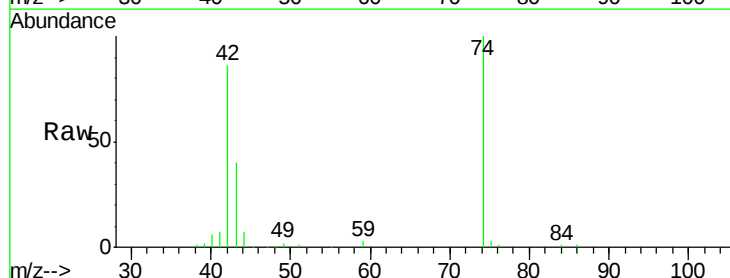
Tgt Ion: 42 Resp: 85564

Ion Ratio Lower Upper

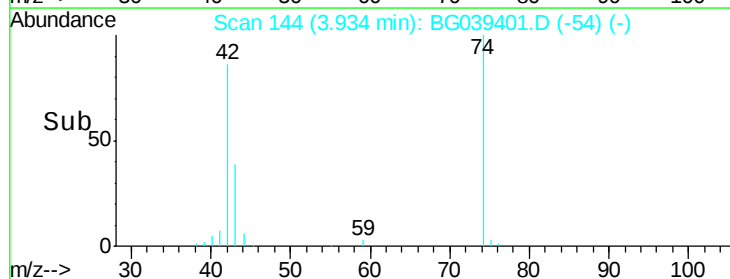
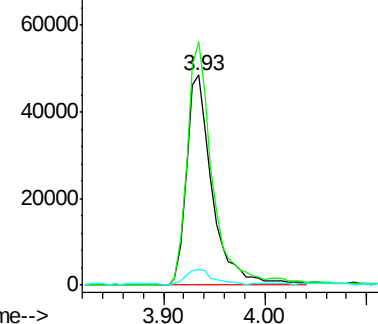
42 100

74 116.0 83.6 125.4

44 7.7 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: 83.53 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

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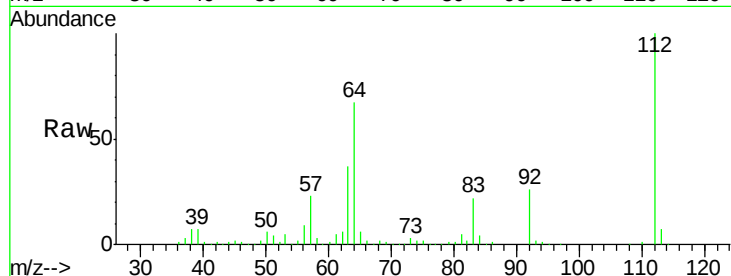
Tot Ion:112 Resp: 314380

Ion Ratio Lower Upper

112 100

64 66.7 57.8 86.8

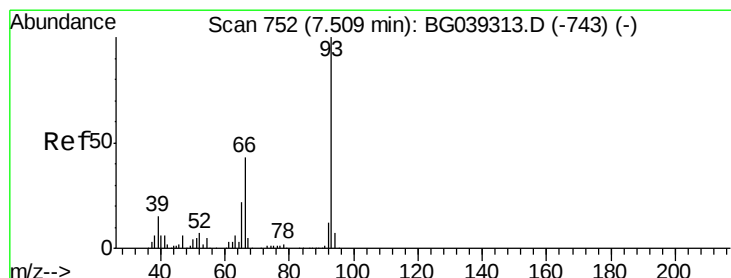
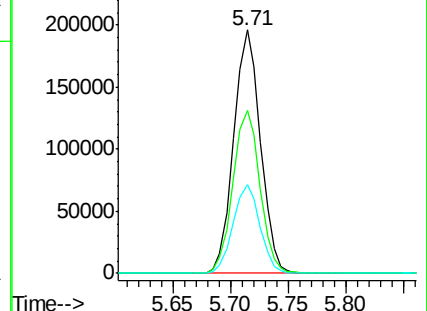
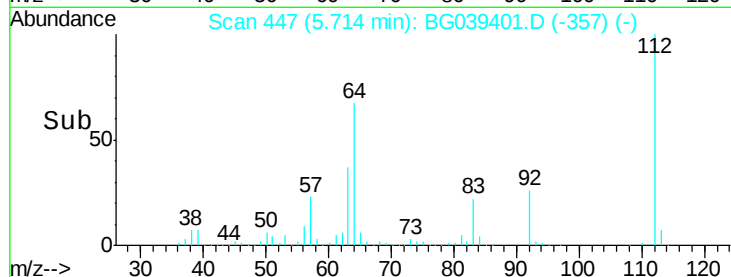
63 36.7 29.8 44.6



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: 39.60 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

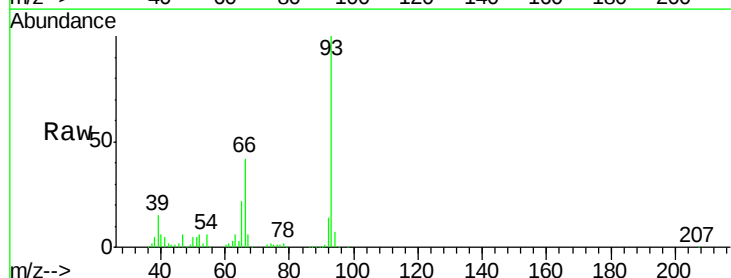
Tgt Ion: 93 Resp: 274785

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

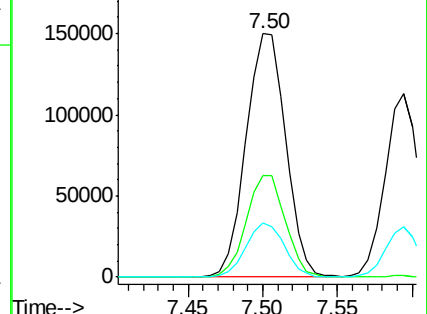
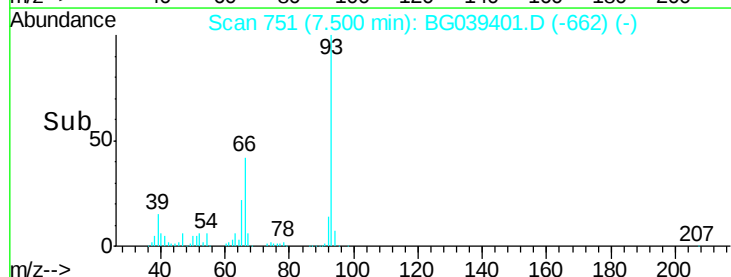
65 22.2 17.7 26.5

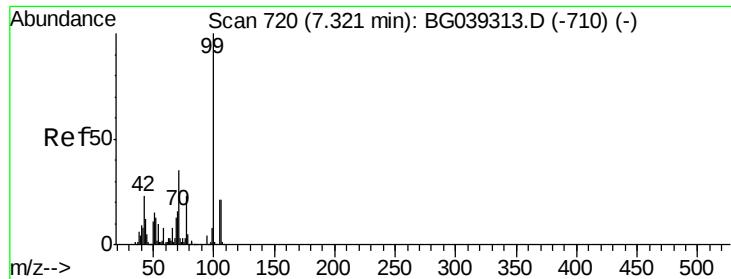


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.88 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039401.D

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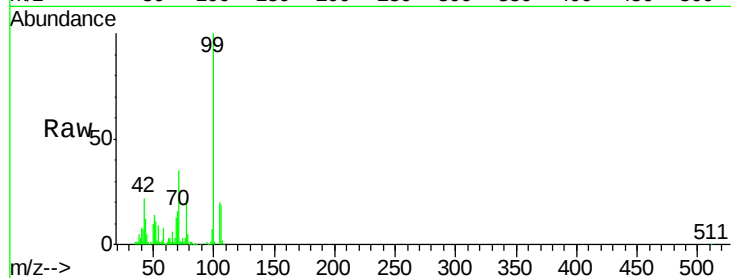
Tot Ion: 99 Resp: 464740

Ion Ratio Lower Upper

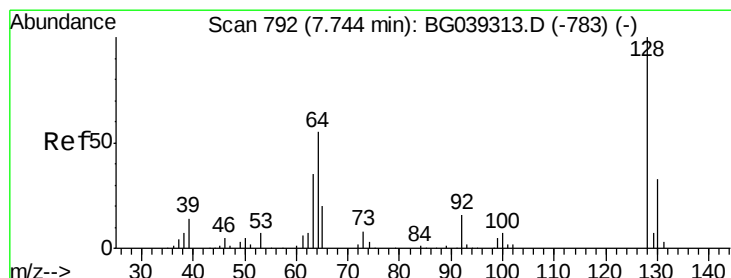
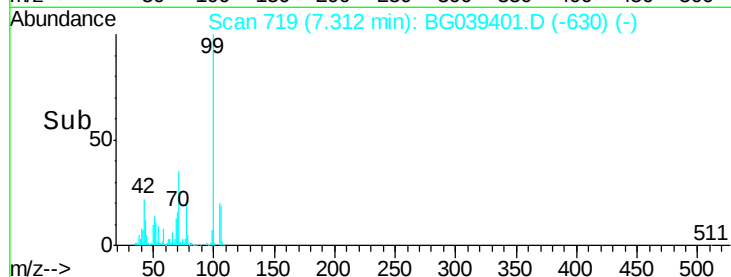
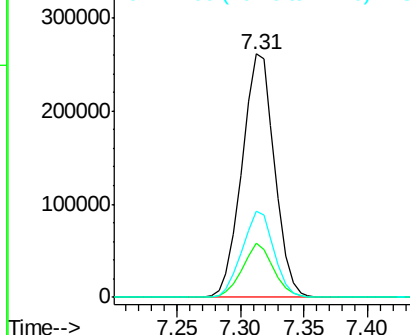
99 100

42 22.0 18.2 27.2

71 35.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.70 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

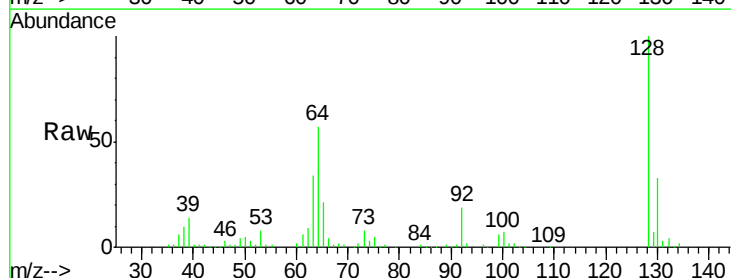
Tgt Ion: 128 Resp: 171559

Ion Ratio Lower Upper

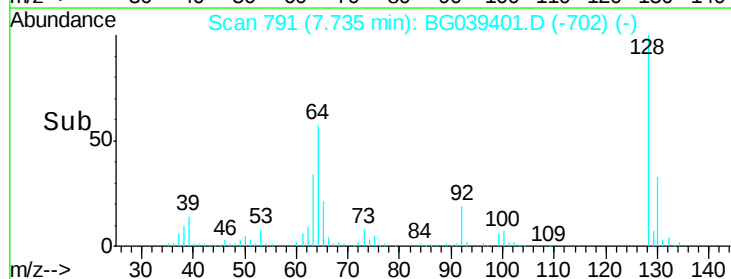
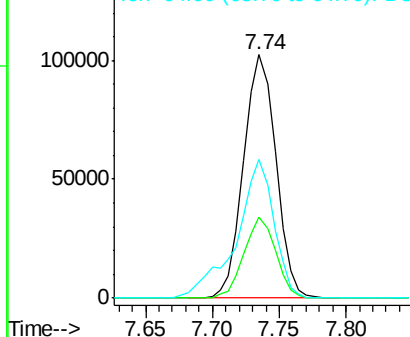
128 100

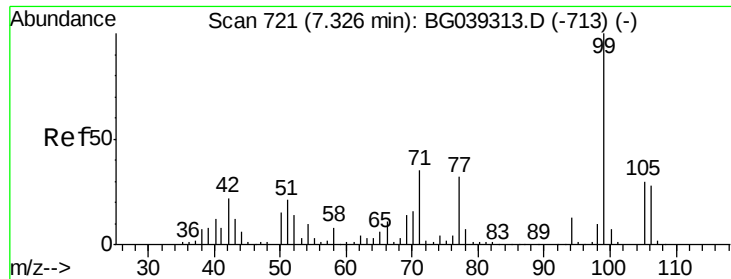
130 33.3 12.9 52.9

64 56.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 42.18 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

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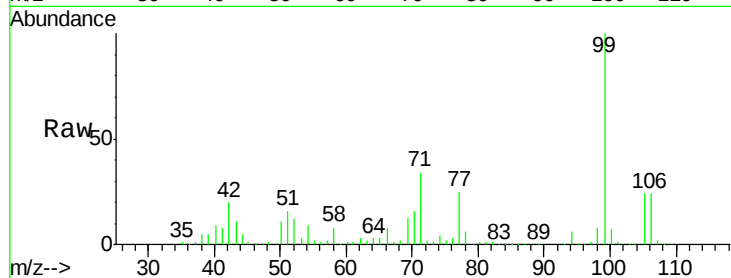
Tot Ion: 77 Resp: 114924

Ion Ratio Lower Upper

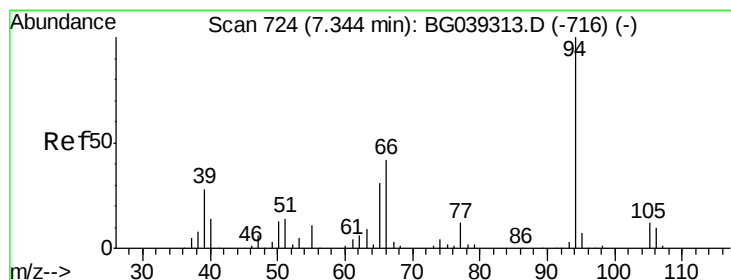
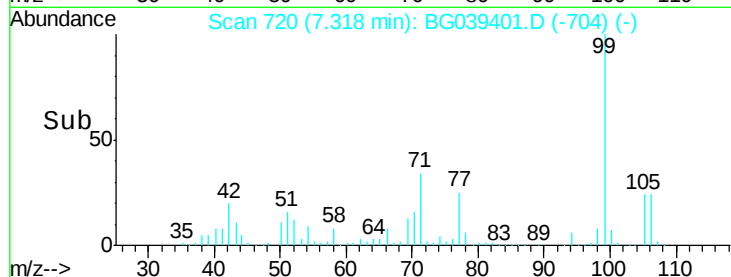
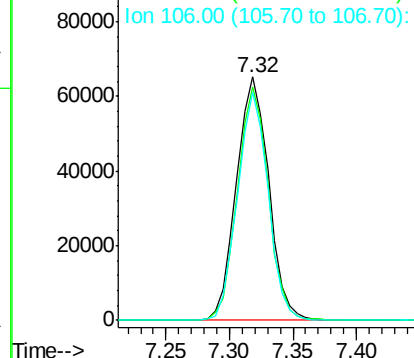
77 100

105 95.6 74.5 114.5

106 93.8 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: 40.87 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

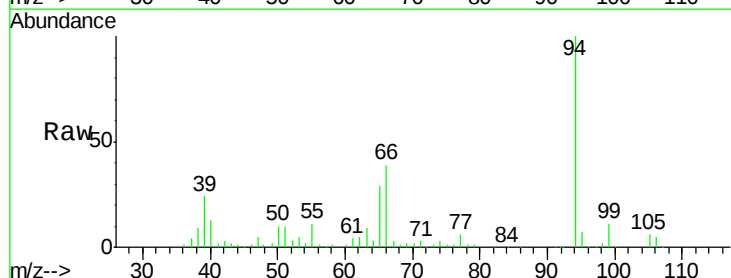
Tgt Ion: 94 Resp: 236039

Ion Ratio Lower Upper

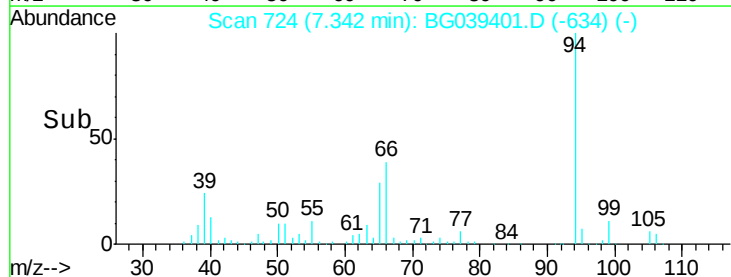
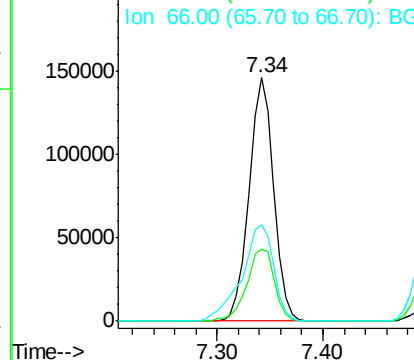
94 100

65 29.5 11.7 51.7

66 39.4 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

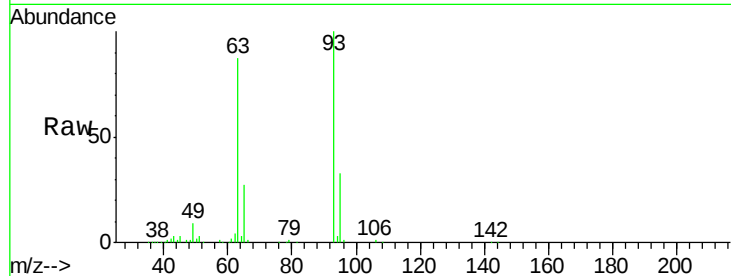




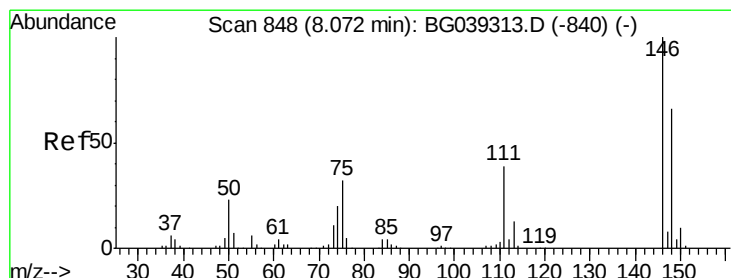
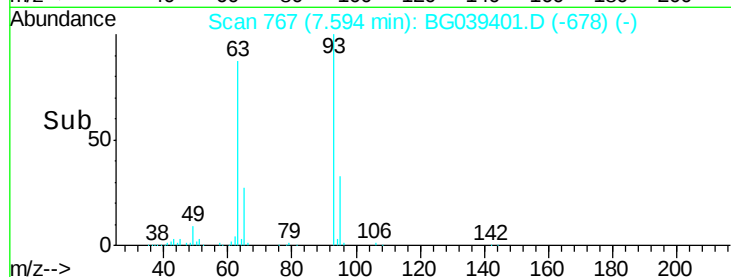
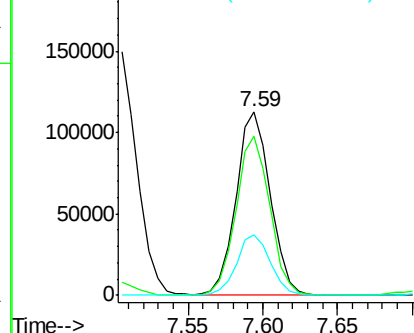
#11
bis(2-Chloroethyl)ether
Concen: 39.31 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 179382
Ion Ratio Lower Upper
93 100
63 86.8 69.5 109.5
95 32.6 12.7 52.7

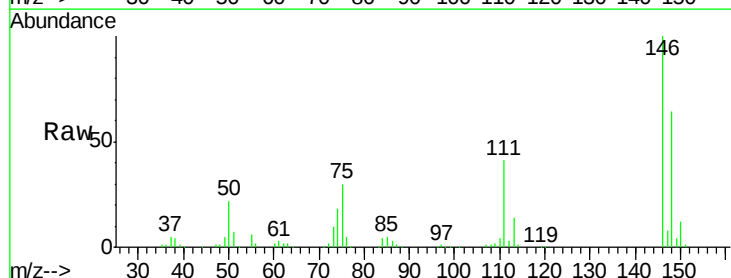


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

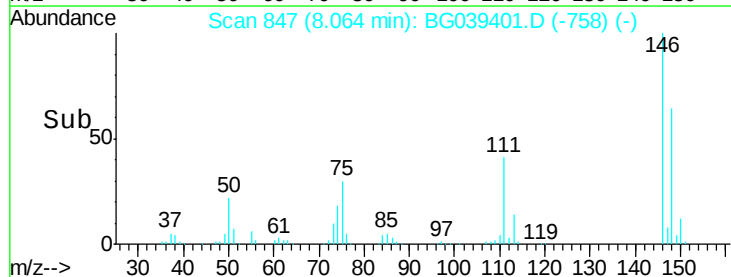
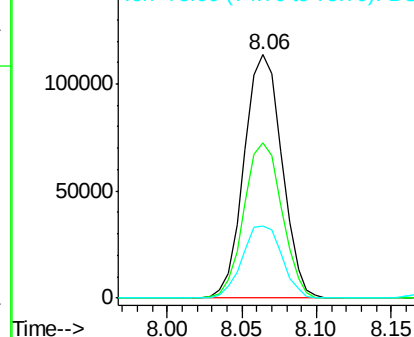


#12
1,3-Dichlorobenzene
Concen: 39.95 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion: 146 Resp: 199125
Ion Ratio Lower Upper
146 100
148 63.9 52.6 79.0
75 29.7 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 40.23 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

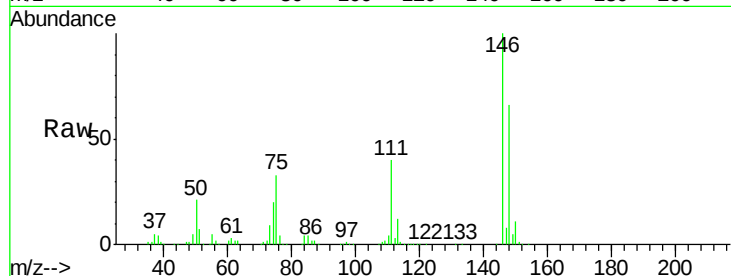
Tot Ion:146 Resp: 199832

Ion Ratio Lower Upper

146 100

148 66.4 51.1 76.7

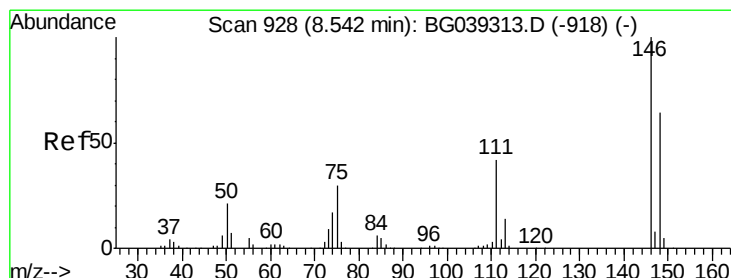
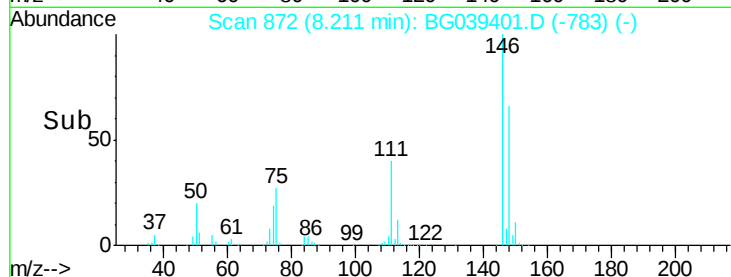
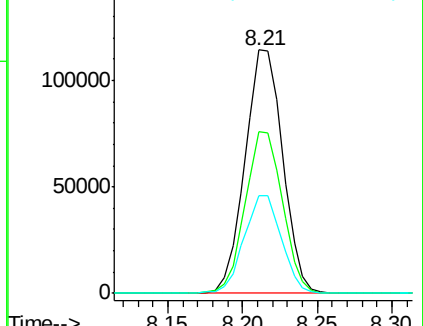
111 40.4 32.6 48.8



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: 39.96 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

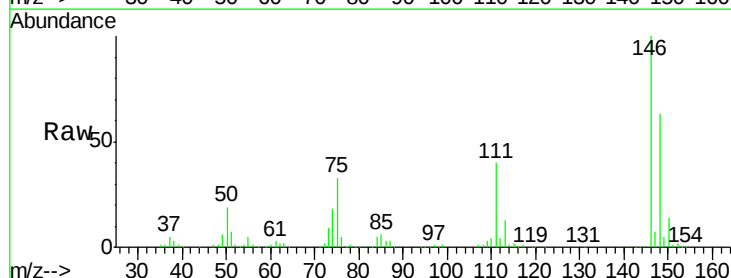
Tgt Ion:146 Resp: 192186

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

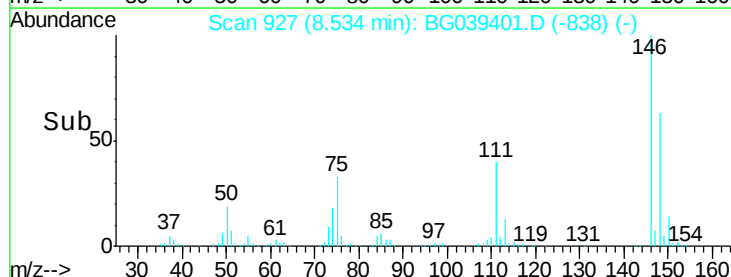
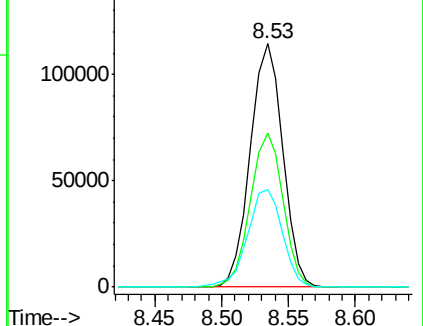
111 39.9 33.8 50.6

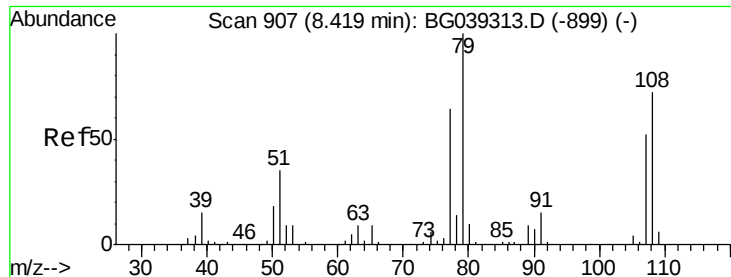


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.26 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

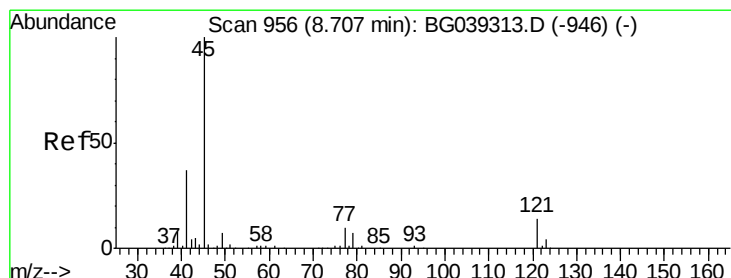
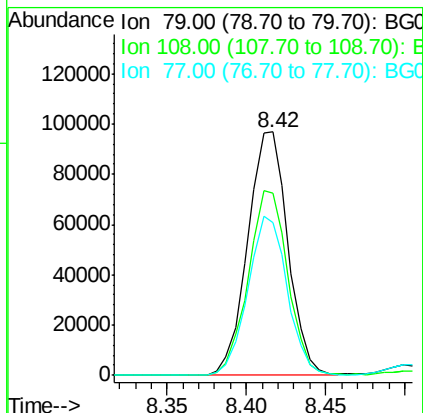
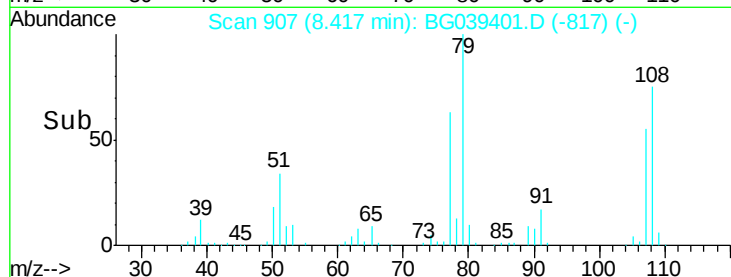
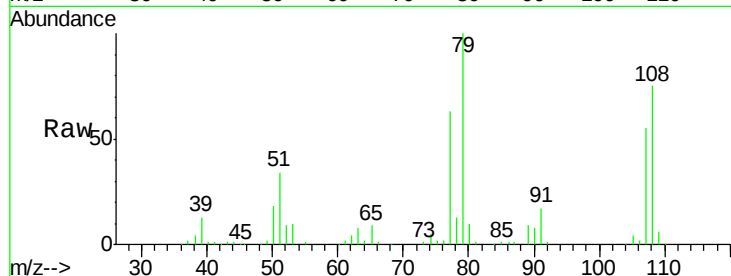
Tot Ion: 79 Resp: 170770

Ion Ratio Lower Upper

79 100

108 75.0 57.8 86.6

77 62.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.44 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

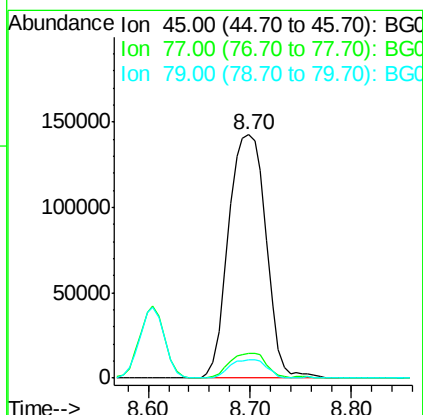
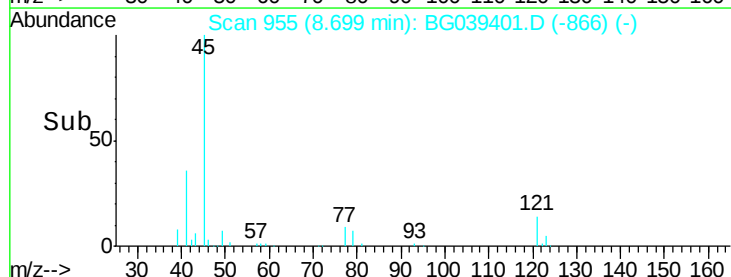
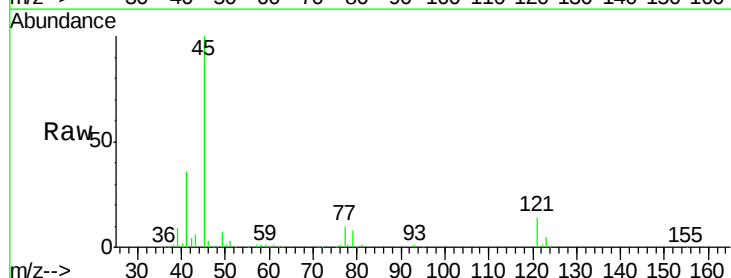
Tgt Ion: 45 Resp: 365212

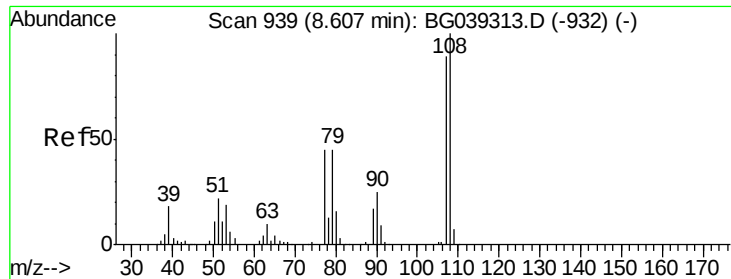
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.7 0.0 27.5





#17

2-Methylphenol

Concen: 40.05 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 149683

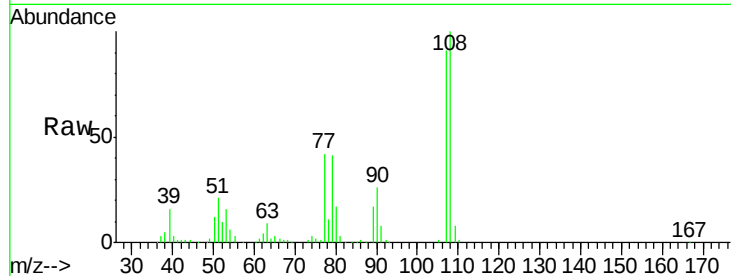
Ion Ratio Lower Upper

107 100

108 110.4 90.8 136.2

77 46.1 40.7 61.1

79 45.5 40.6 60.8

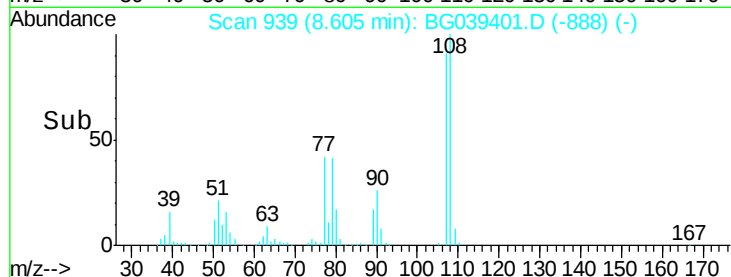


Abundance Ion 107.00 (106.70 to 107.70): E

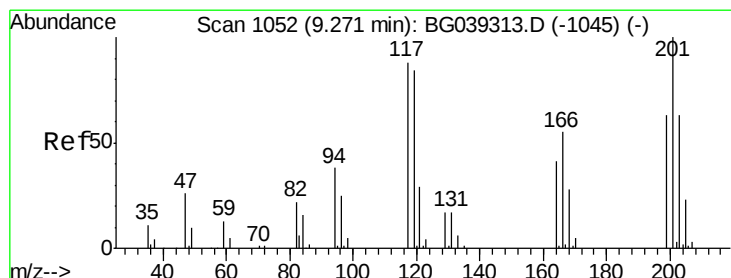
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 41.08 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

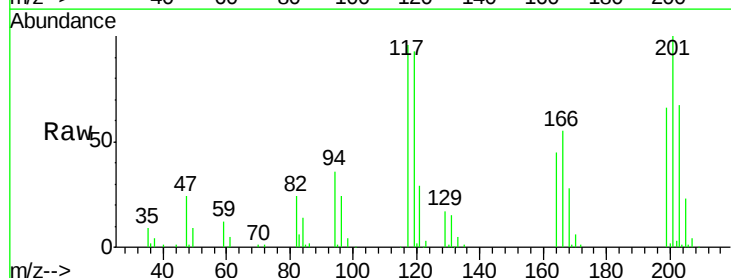
Tgt Ion:117 Resp: 70216

Ion Ratio Lower Upper

117 100

119 96.2 76.3 114.5

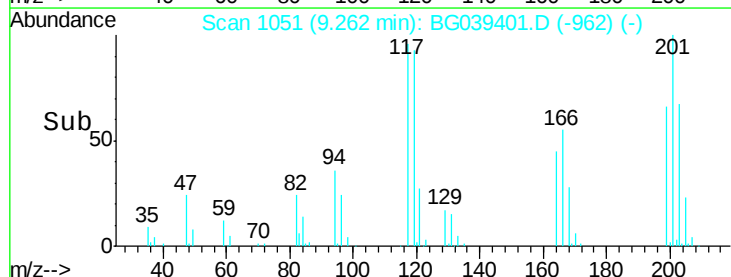
201 103.7 91.1 136.7



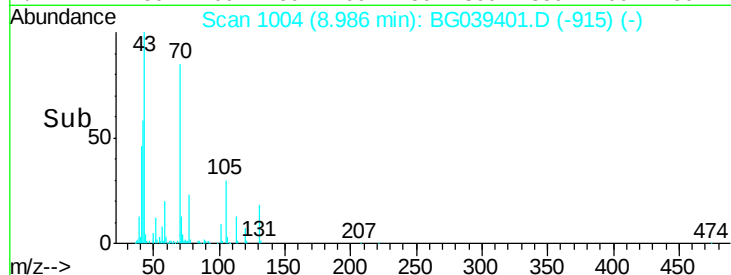
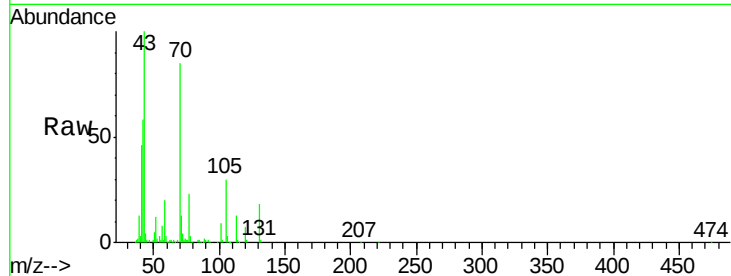
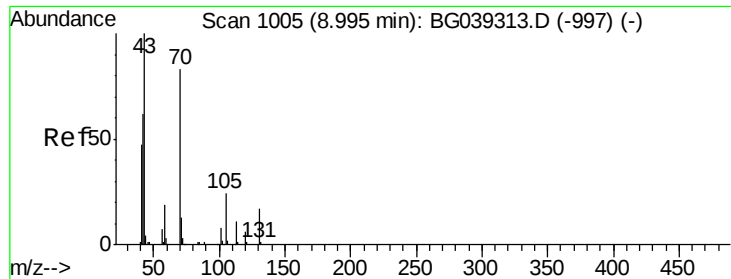
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



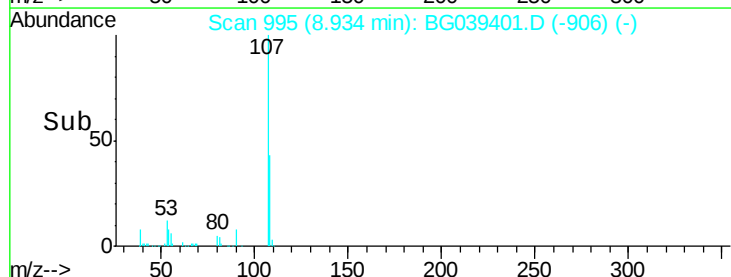
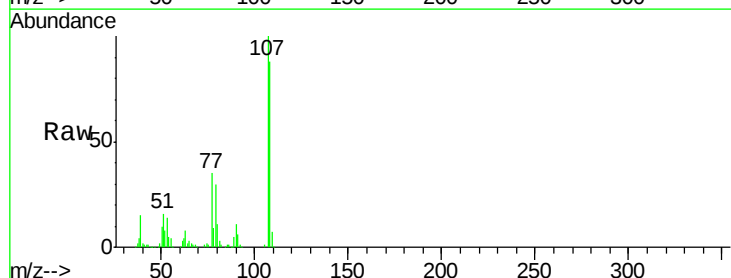
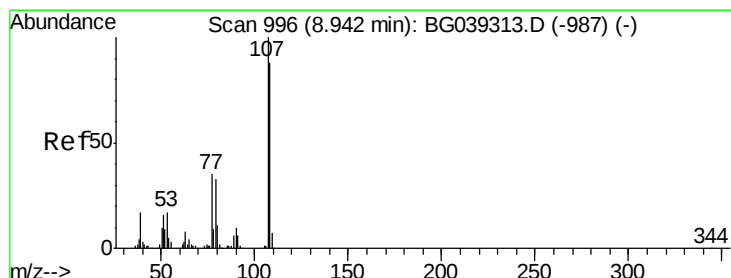
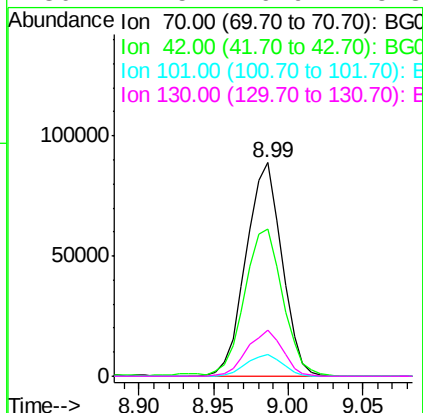
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.52 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

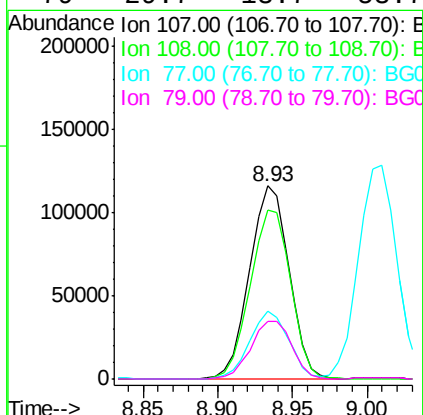
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	147531
Ion	Ratio	Lower	Upper
70	100		
42	68.6	60.4	90.6
101	10.1	7.5	11.3
130	21.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 41.22 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:	107	Resp:	212128
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	35.1	15.4	55.4
79	29.7	13.7	53.7

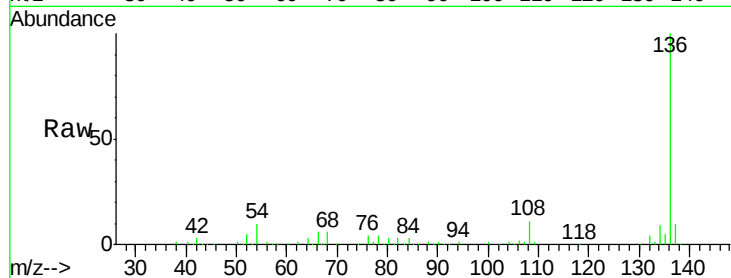




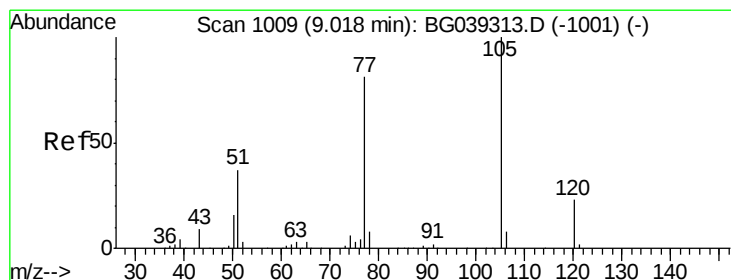
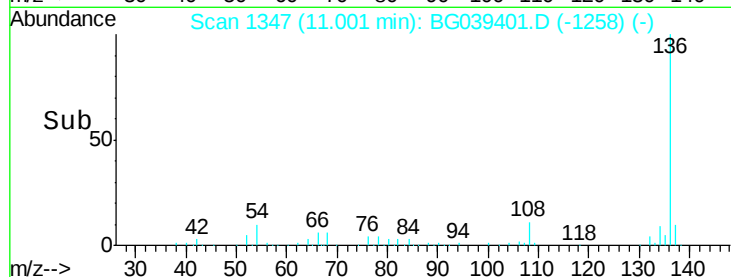
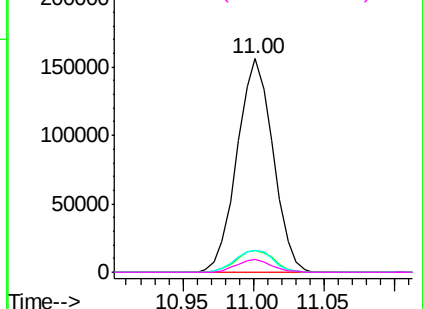
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	277082
Ion	Ratio	Lower Upper
136	100	
137	10.0	9.1 13.7
54	10.4	9.4 14.2
68	6.1	4.2 6.4

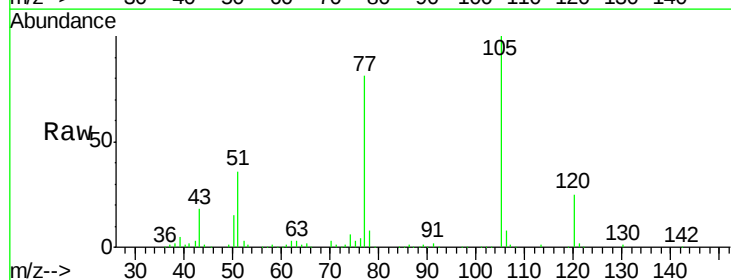


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

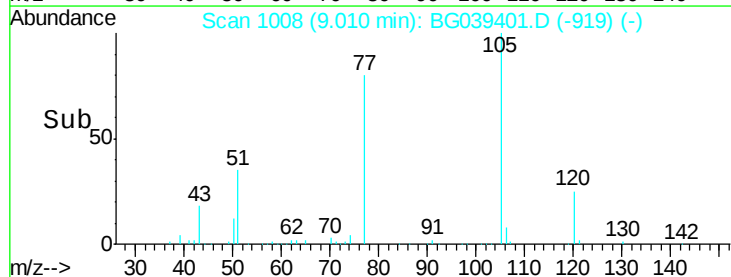
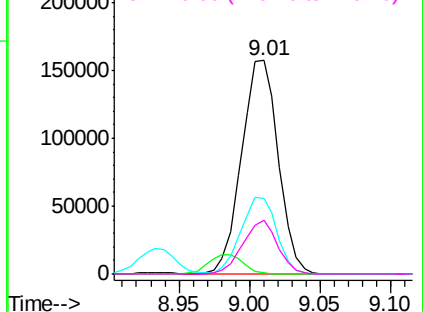


#22
Acetophenone
Concen: 38.45 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:105	Resp:	286167
Ion	Ratio	Lower Upper
105	100	
71	0.7	0.8 1.2#
51	35.7	30.2 45.2
120	25.3	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

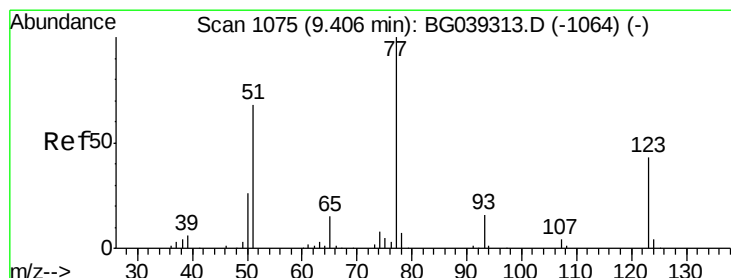
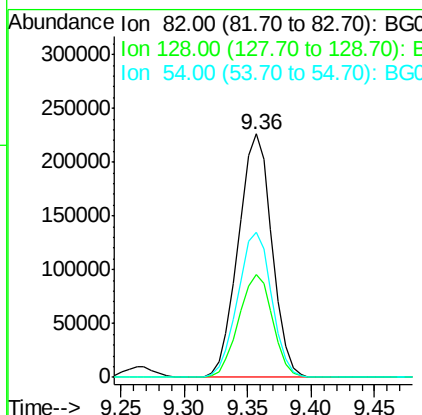
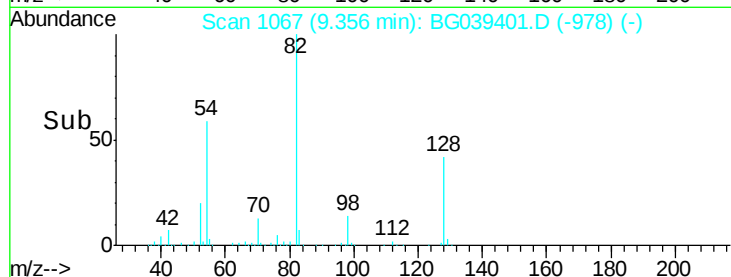
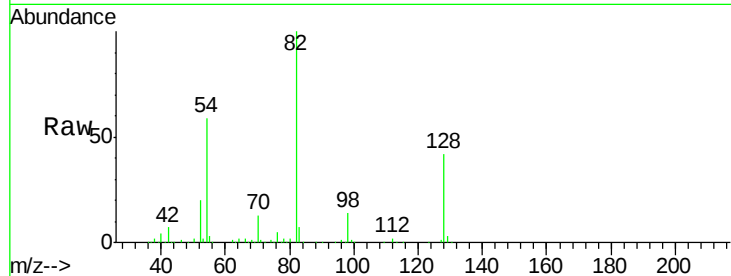




#23
 Nitrobenzene-d5
 Concen: 93.77 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

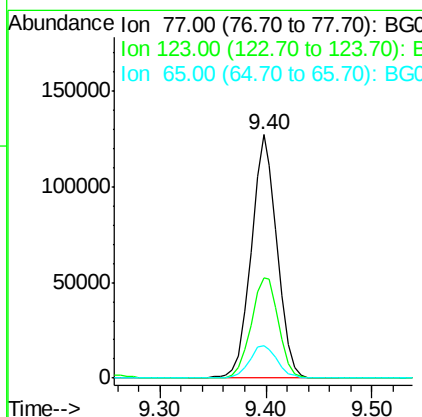
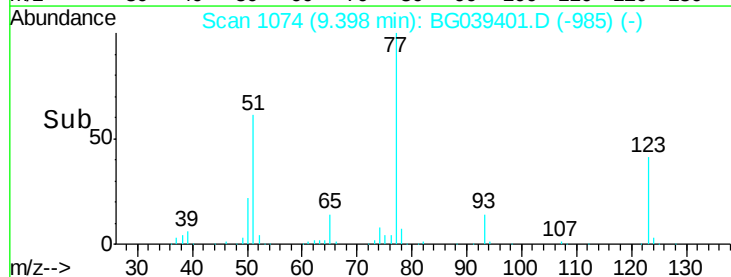
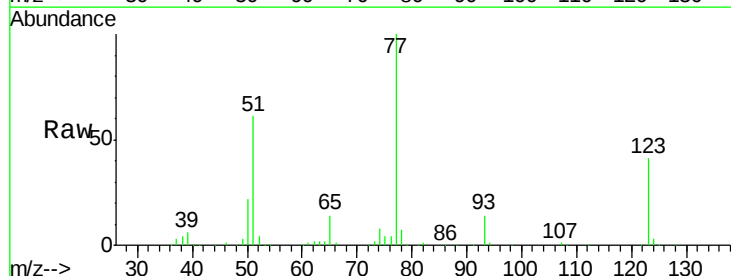
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	415915
Ion Ratio	100	Lower	Upper
128	42.0	31.3	46.9
54	59.4	50.9	76.3



#24
 Nitrobenzene
 Concen: 44.98 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

Tgt Ion	77	Resp	215503
Ion Ratio	100	Lower	Upper
123	41.2	34.1	51.1
65	13.6	12.3	18.5





#25

Isophorone

Concen: 37.20 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

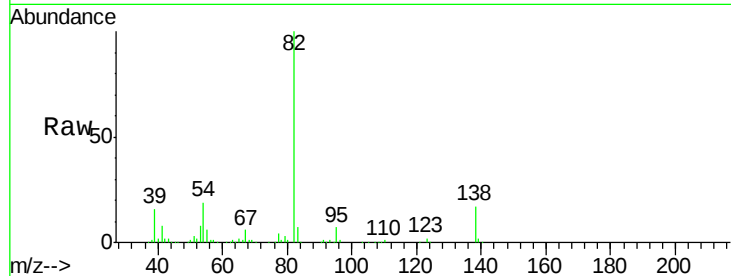
Tot Ion: 82 Resp: 365648

Ion Ratio Lower Upper

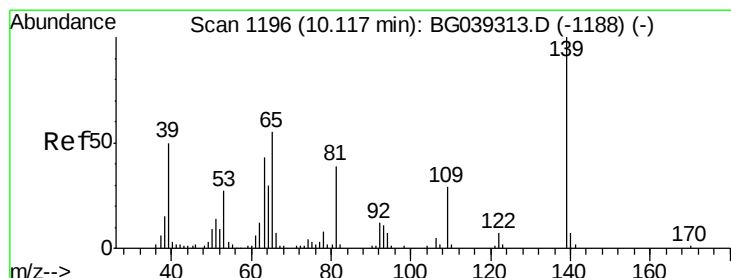
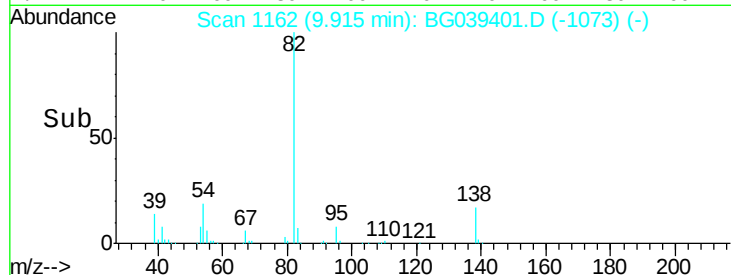
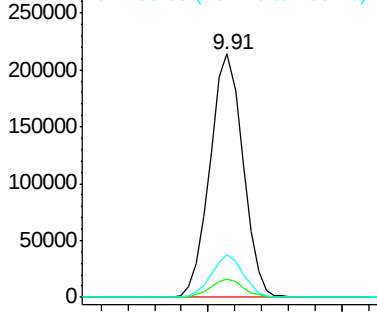
82 100

95 7.4 6.2 9.2

138 17.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 52.76 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

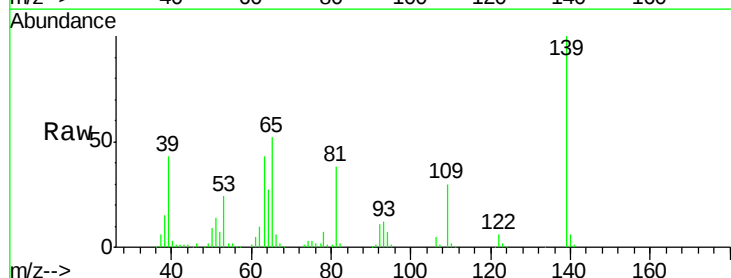
Tgt Ion: 139 Resp: 102213

Ion Ratio Lower Upper

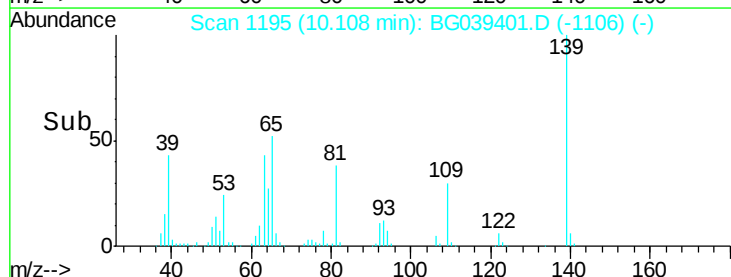
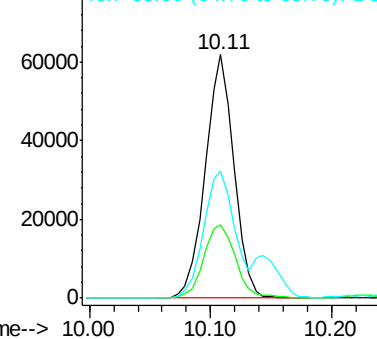
139 100

109 30.2 23.4 35.0

65 52.1 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 40.48 ng

RT: 10.14 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

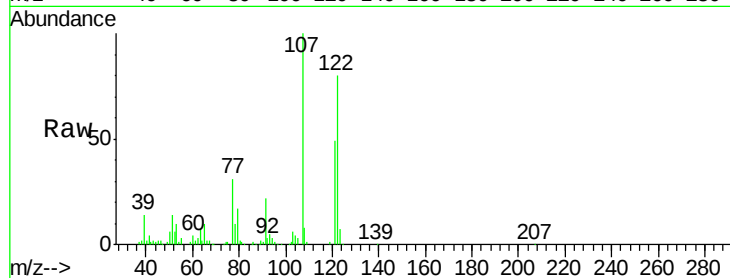
Tot Ion:122 Resp: 160930

Ion Ratio Lower Upper

122 100

107 124.5 91.7 137.5

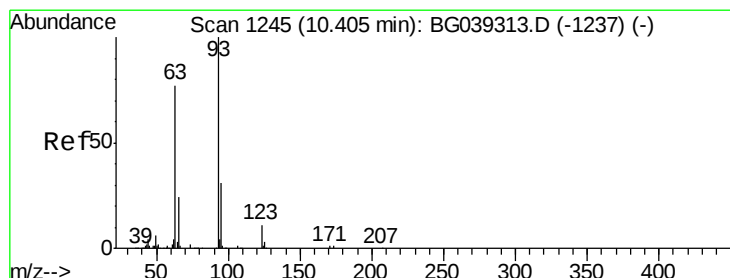
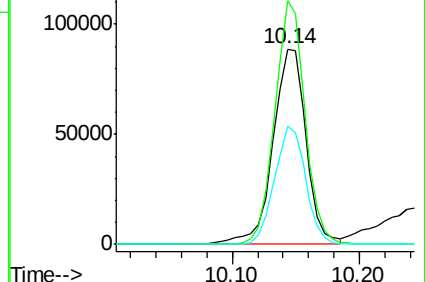
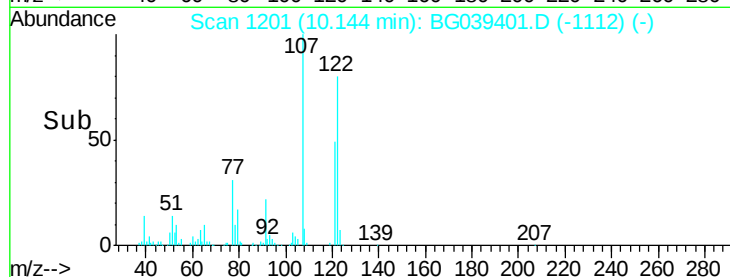
121 60.6 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.49 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

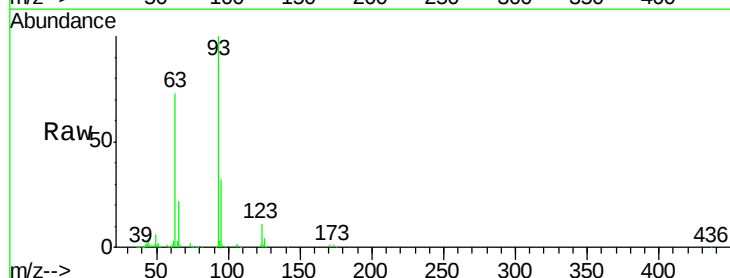
Tgt Ion: 93 Resp: 239051

Ion Ratio Lower Upper

93 100

95 31.6 25.0 37.4

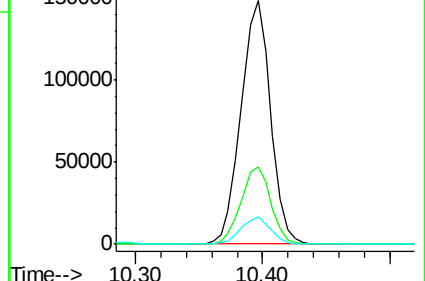
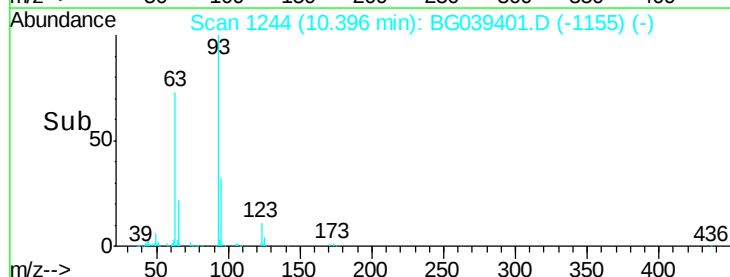
123 11.0 8.6 12.8

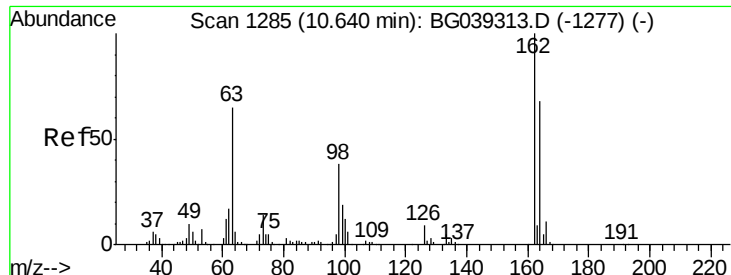


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

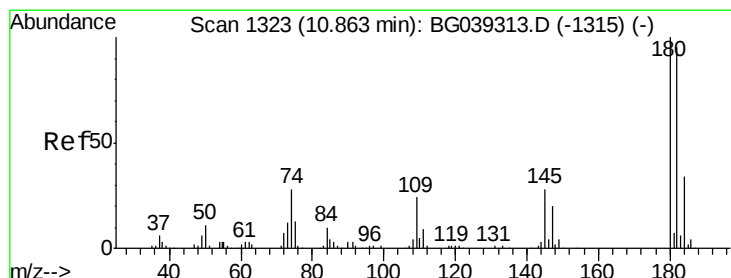
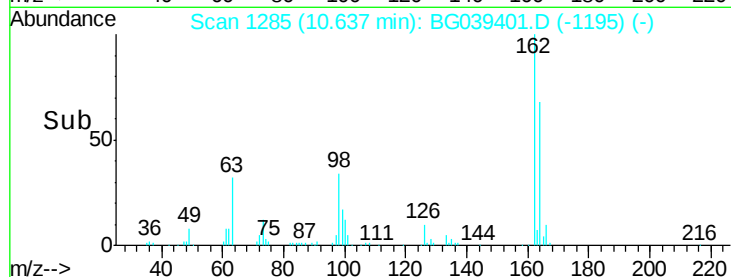
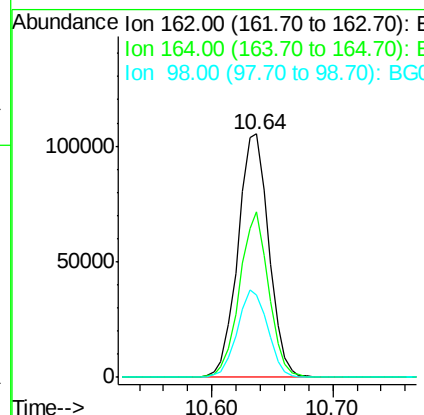
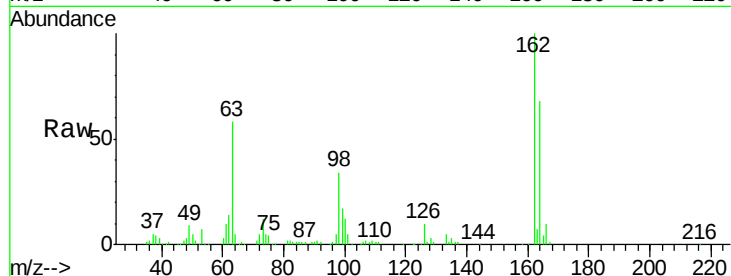




#29
2,4-Dichlorophenol
Concen: 43.23 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

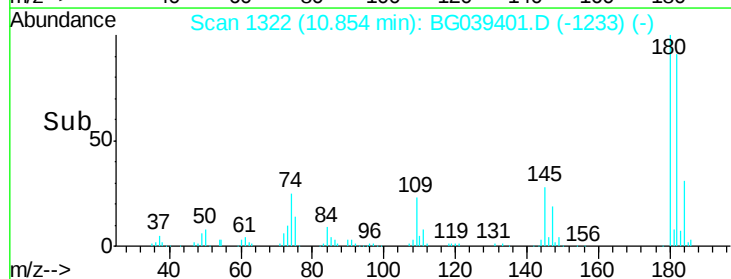
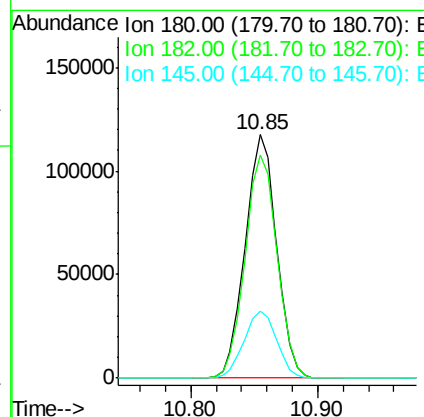
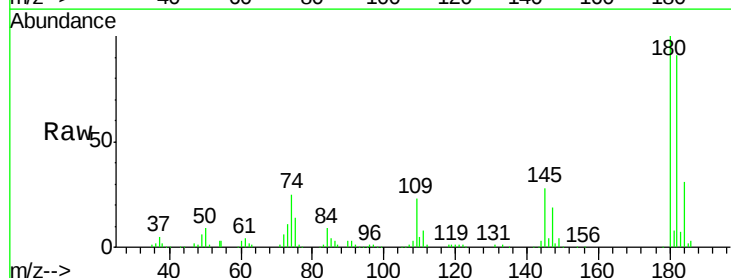
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

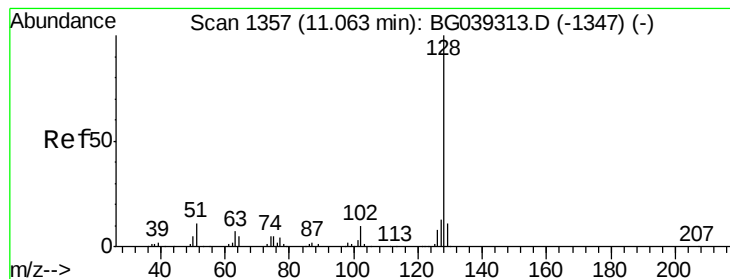
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	48.1	88.1
98	33.9	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 41.43 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.0	114.0
145	27.7	22.7	34.1





#31

Naphthalene

Concen: 39.32 ng

RT: 11.05 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

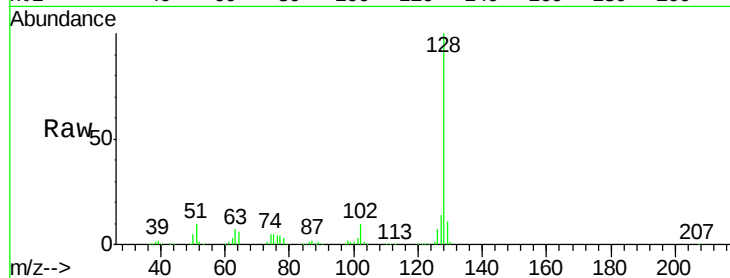
Tot Ion:128 Resp: 540466

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

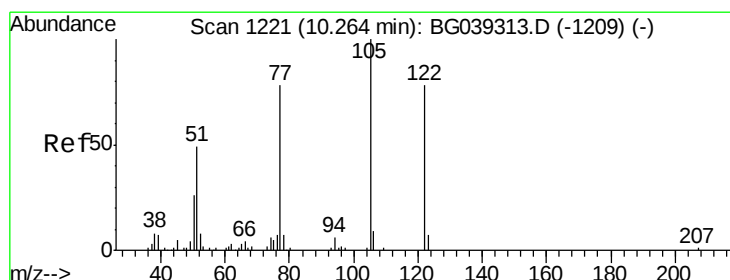
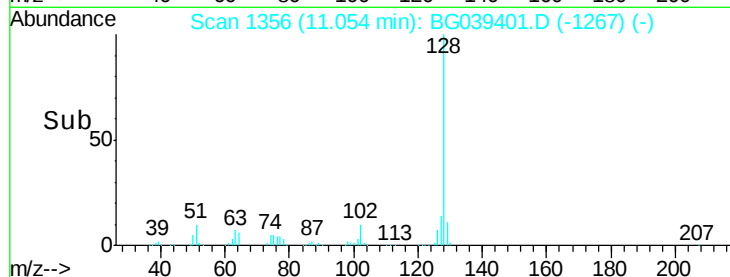
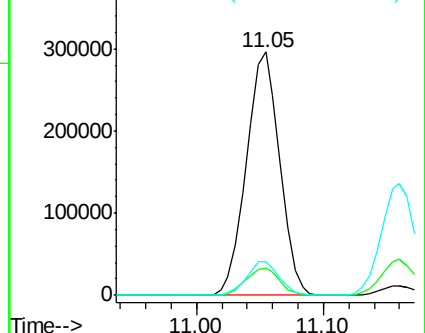
127 14.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.25 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

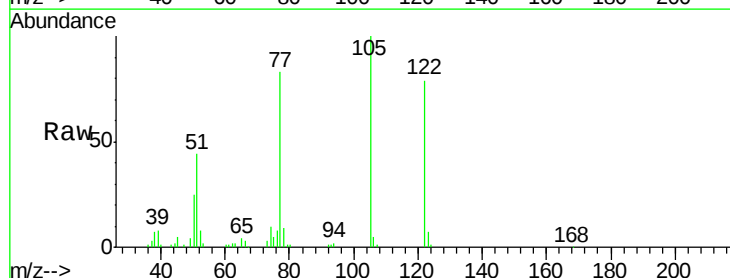
Tgt Ion:122 Resp: 103323

Ion Ratio Lower Upper

122 100

105 127.4 101.8 141.8

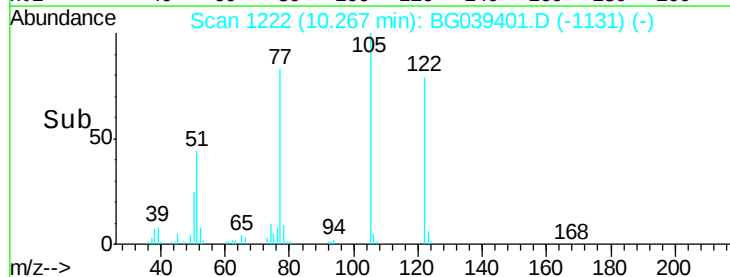
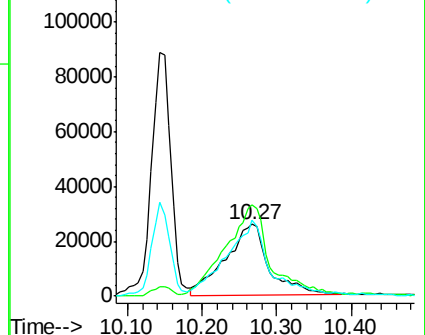
77 105.4 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

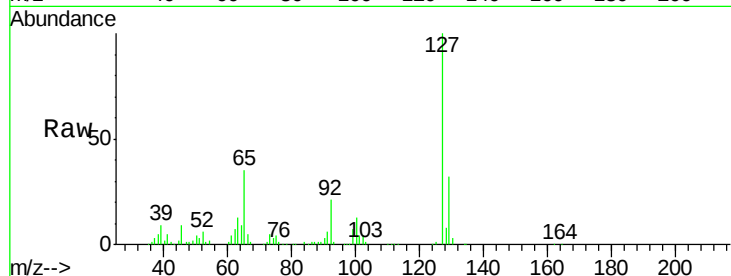




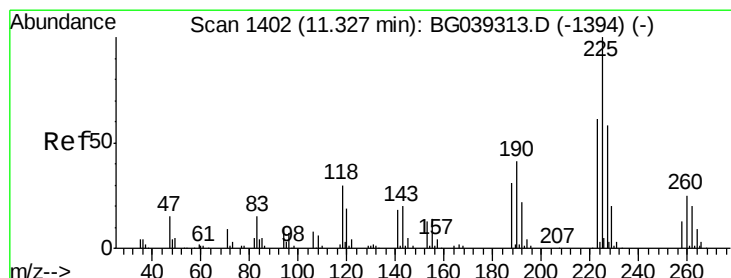
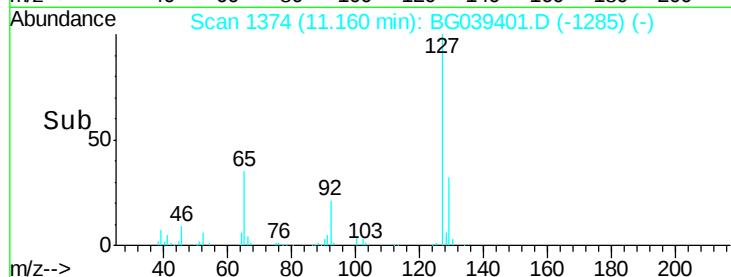
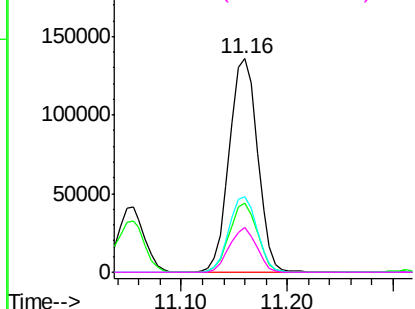
#33
4-Chloroaniline
Concen: 39.39 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	251030
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	35.2	28.8	43.2
92	21.2	16.6	25.0

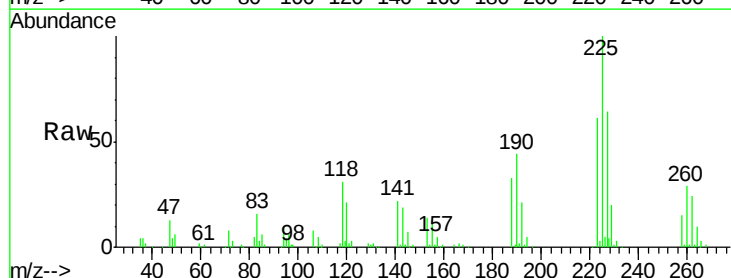


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

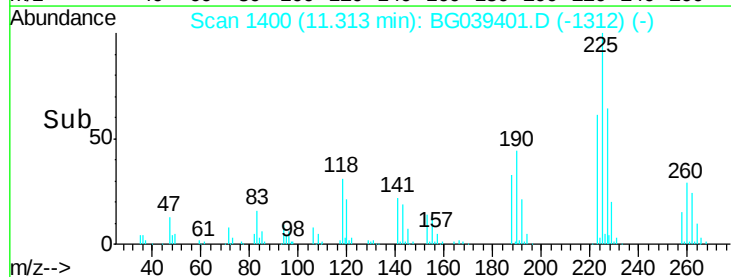
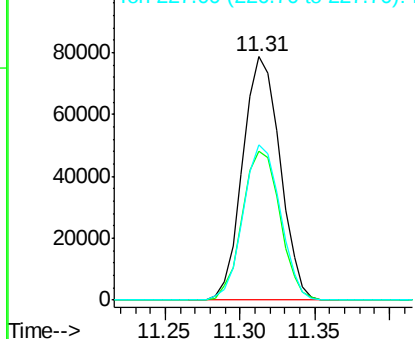


#34
Hexachlorobutadiene
Concen: 41.95 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:	225	Resp:	136107
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.0	73.6
227	64.0	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: 39.34 ng

RT: 11.96 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

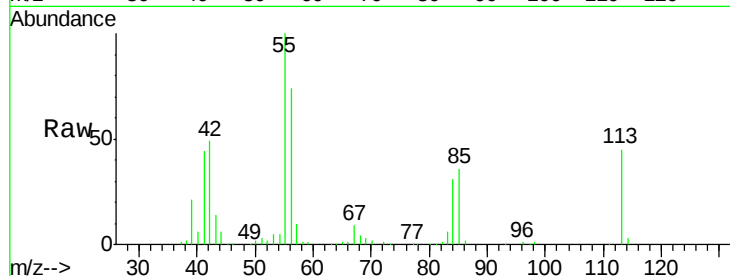
Tot Ion:113 Resp: 70733

Ion Ratio Lower Upper

113 100

55 219.9 216.9 256.9

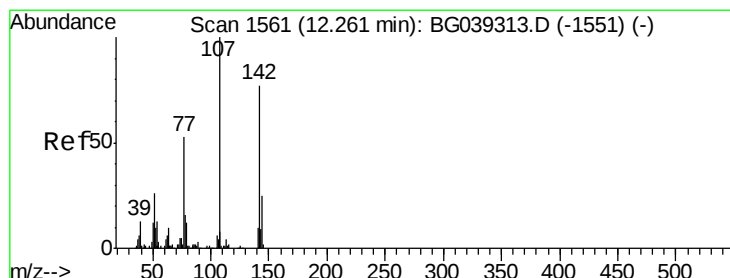
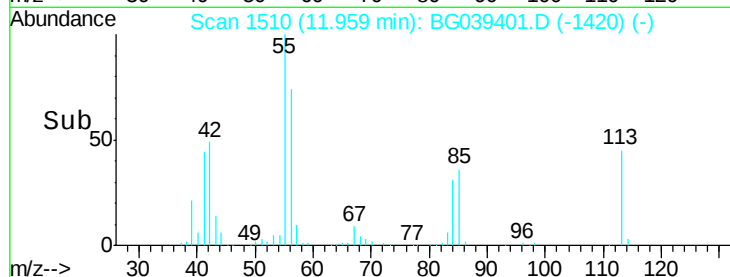
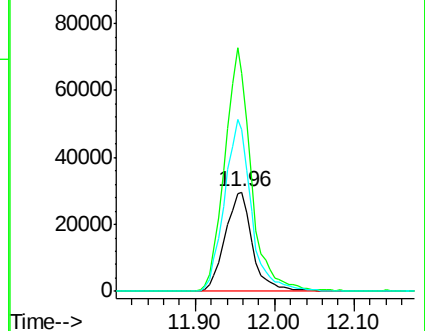
56 162.1 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.95 ng

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

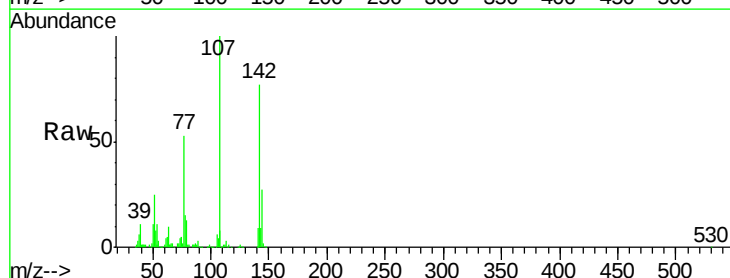
Tgt Ion:107 Resp: 205786

Ion Ratio Lower Upper

107 100

144 26.9 20.2 30.2

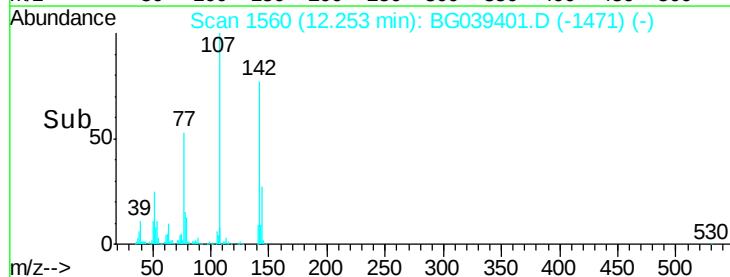
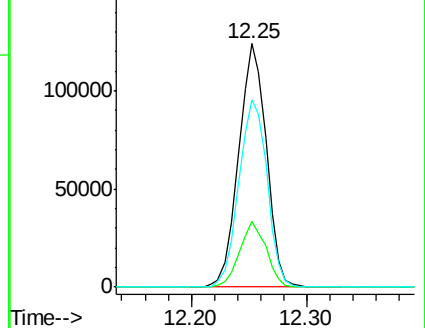
142 77.1 61.4 92.2



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

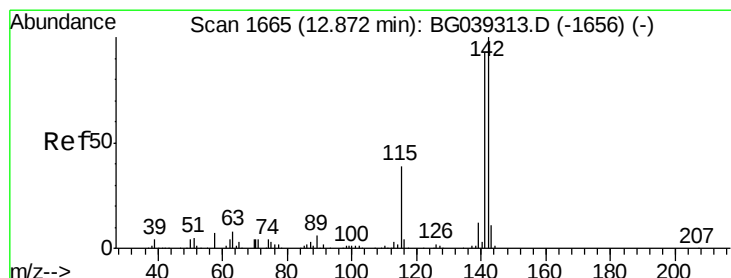
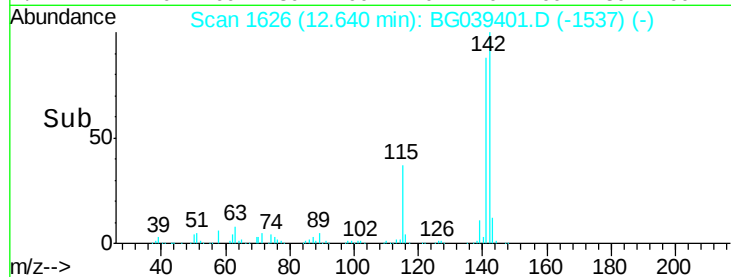
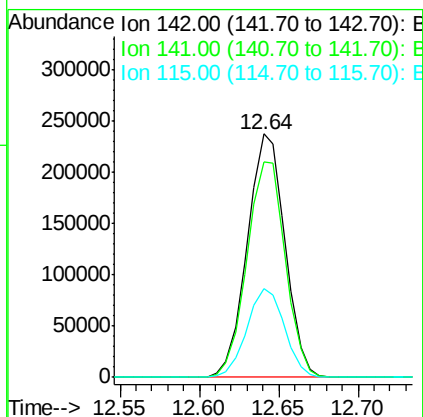
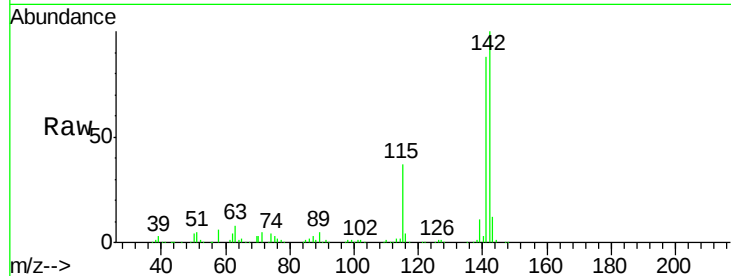




#37
2-Methylnaphthalene
Concen: 38.52 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

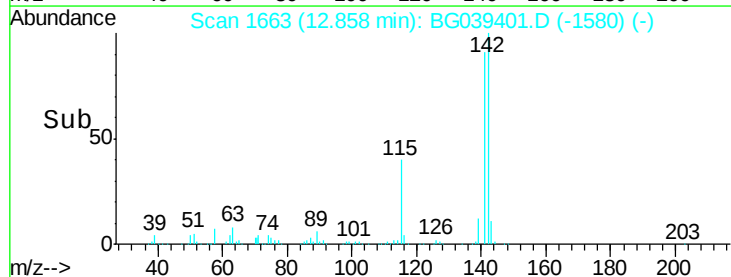
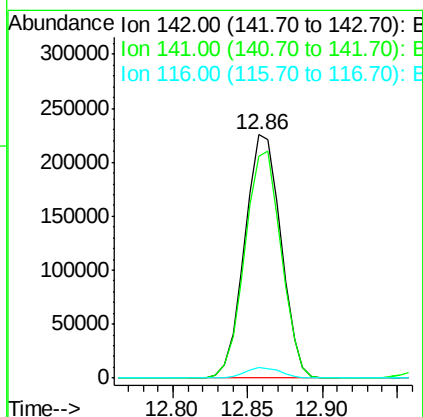
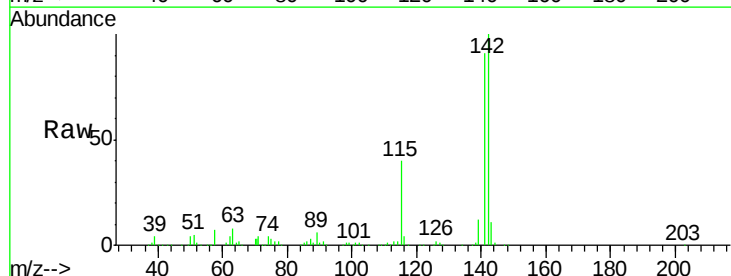
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

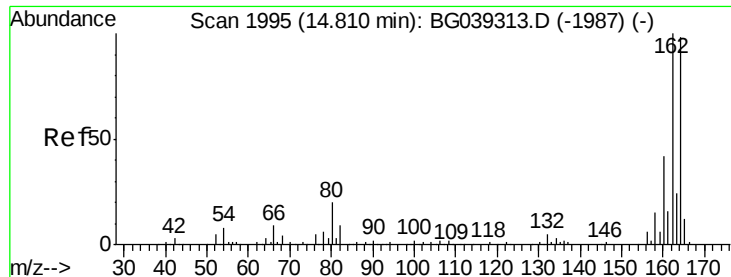
Tot Ion:142 Resp: 392205
Ion Ratio Lower Upper
142 100
141 88.5 73.5 110.3
115 36.6 30.8 46.2



#38
1-Methylnaphthalene
Concen: 38.58 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:142 Resp: 378582
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4
116 4.3 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: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

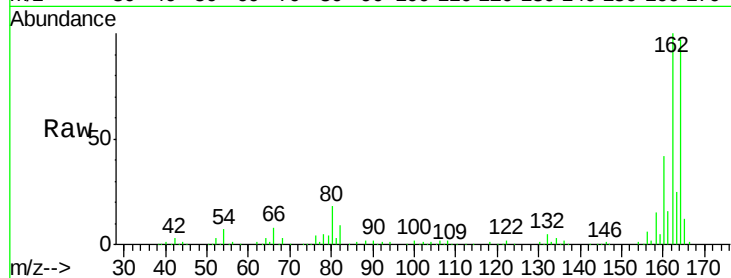
Tot Ion:164 Resp: 180031

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

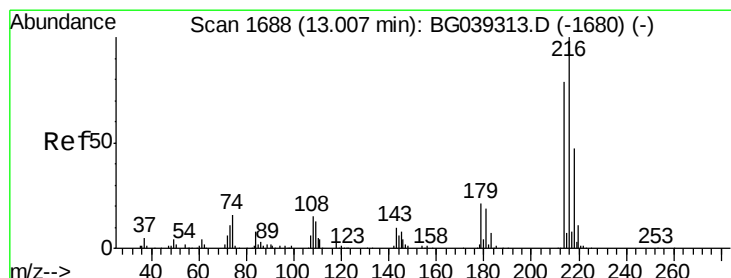
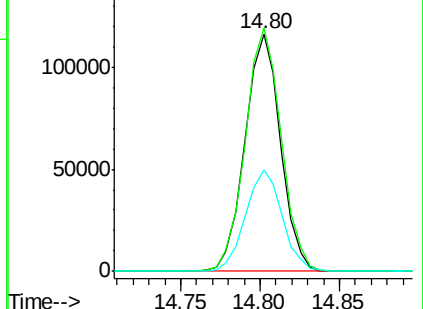
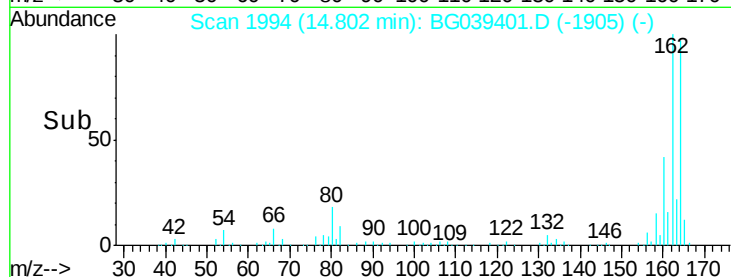
160 43.0 34.2 51.2



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: 41.96 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Tgt Ion:216 Resp: 240358

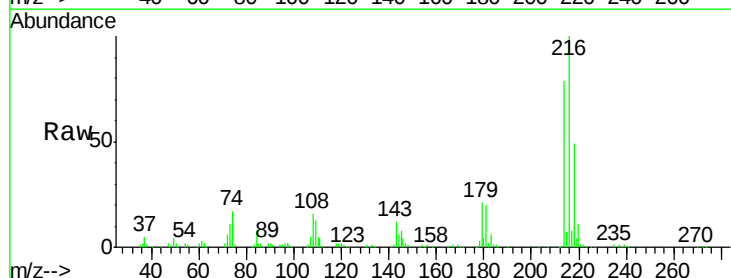
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.5 16.6 25.0

108 16.4 14.0 21.0

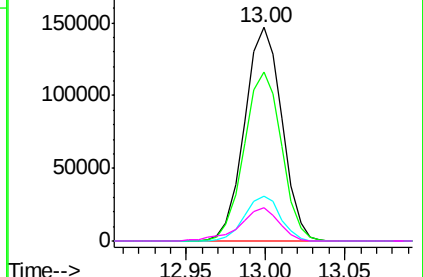
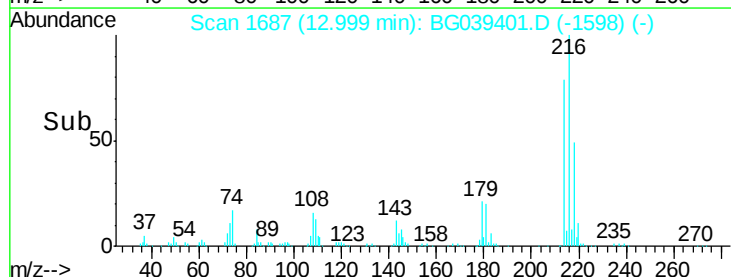


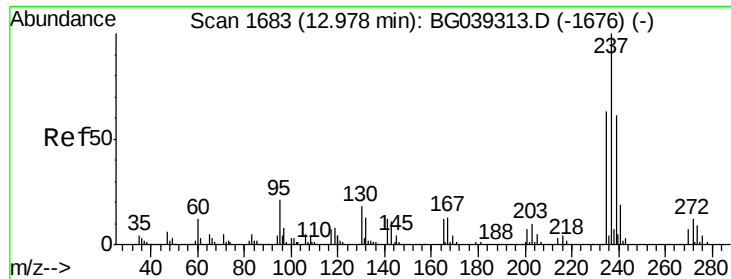
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.63 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

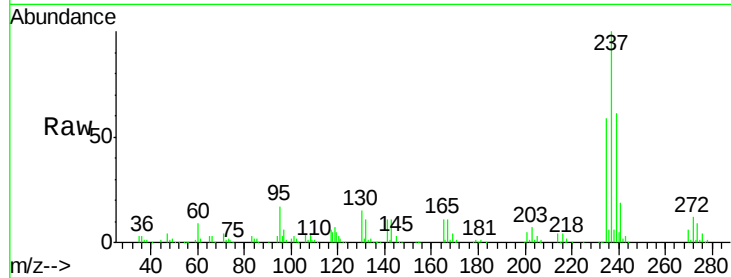
Tot Ion:237 Resp: 126833

Ion Ratio Lower Upper

237 100

235 58.9 43.3 83.3

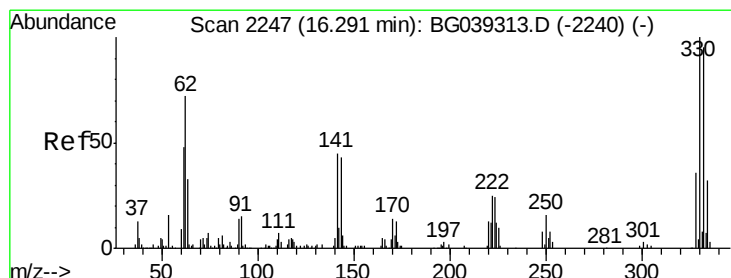
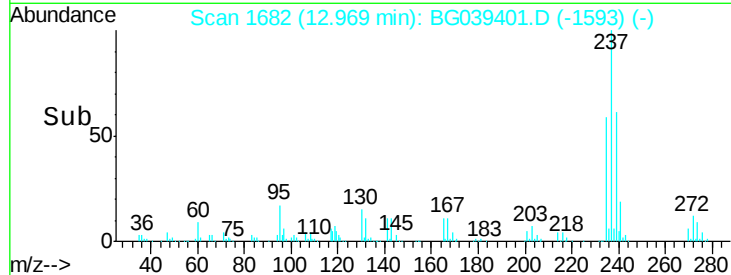
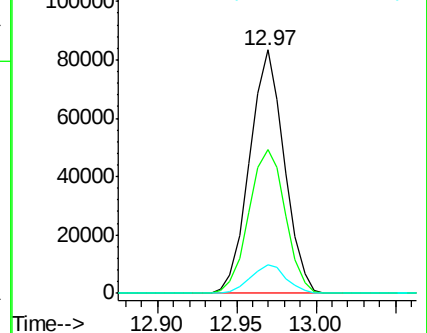
272 11.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.20 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

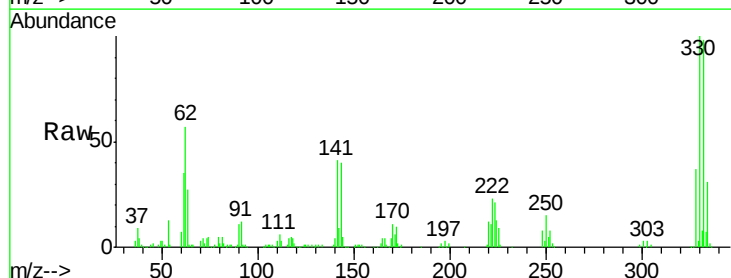
Tgt Ion:330 Resp: 172932

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

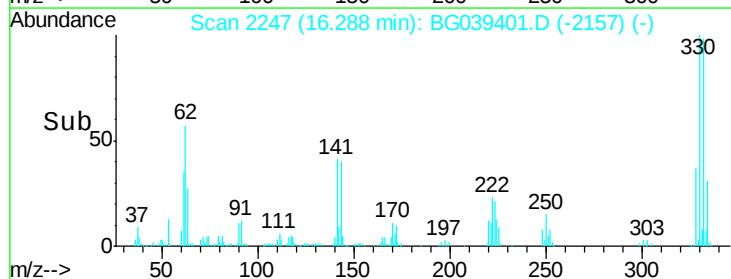
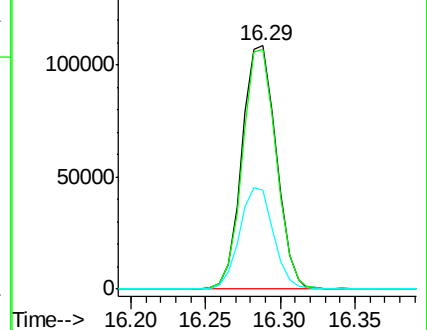
141 41.4 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

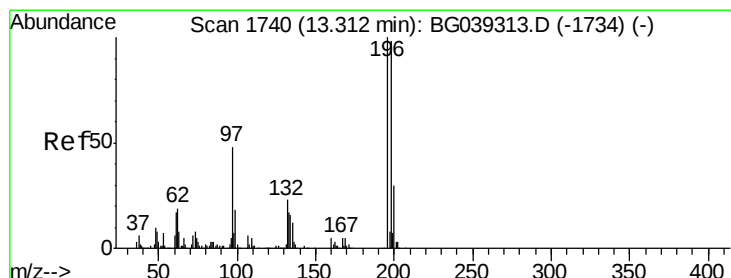
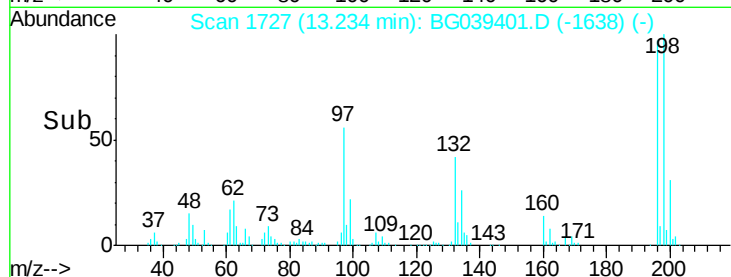
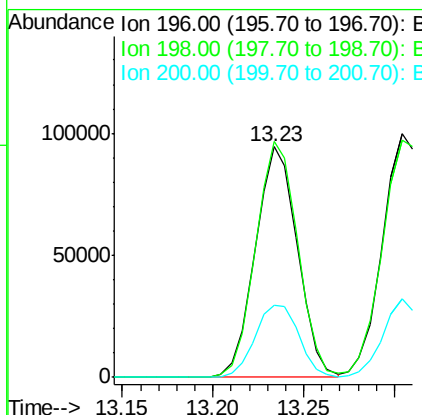
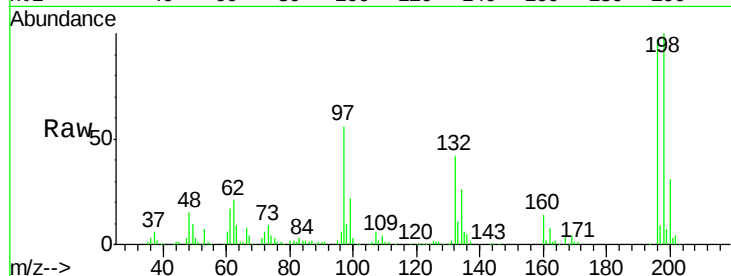




#43
 2,4,6-Trichlorophenol
 Concen: 43.21 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

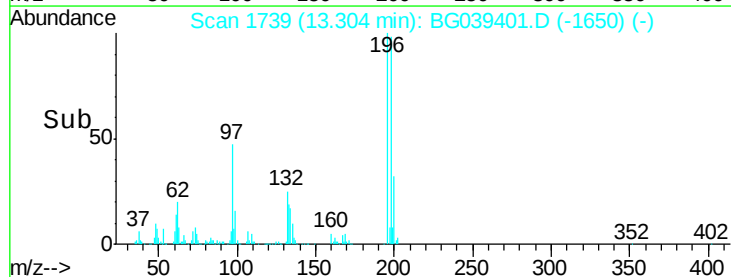
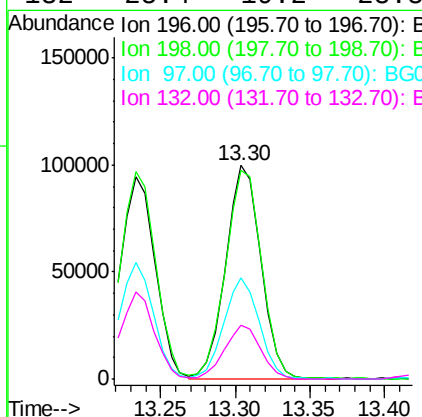
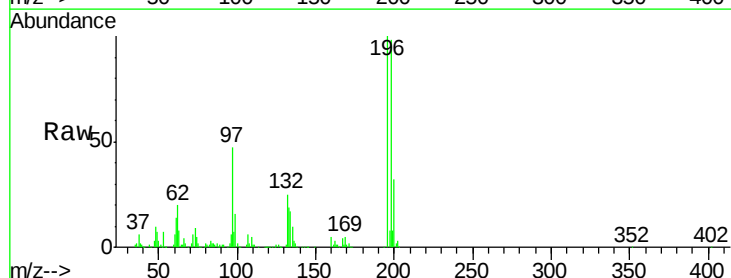
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 152175
 Ion Ratio Lower Upper
 196 100
 198 102.6 80.6 121.0
 200 31.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.50 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

Tgt Ion:196 Resp: 164253
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.5 117.7
 97 47.5 38.4 57.6
 132 25.4 19.2 28.8

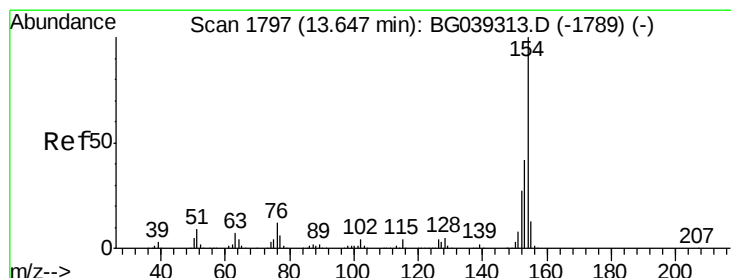
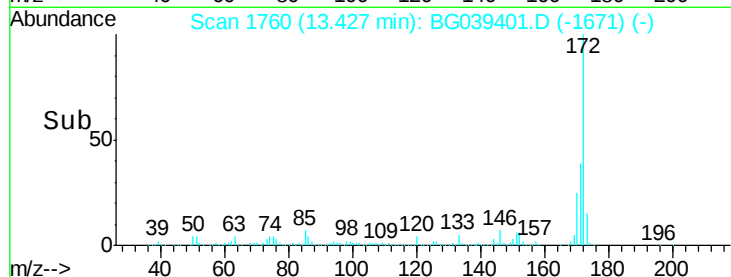
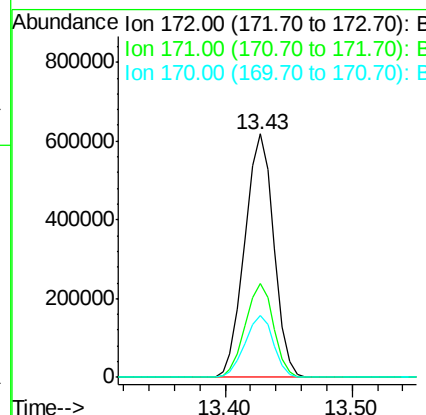
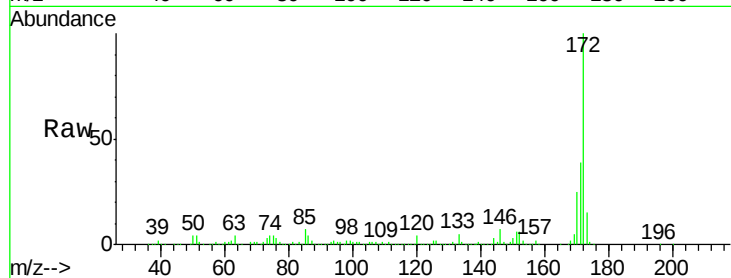




#45
2-Fluorobiphenyl
Concen: 78.14 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

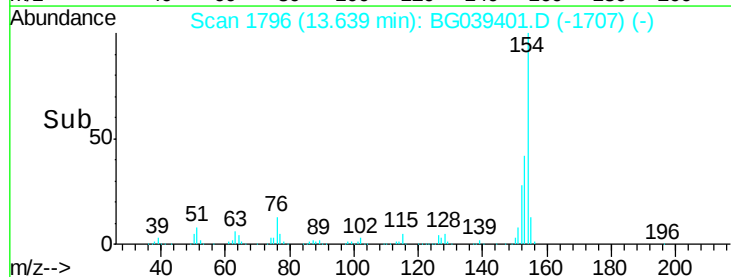
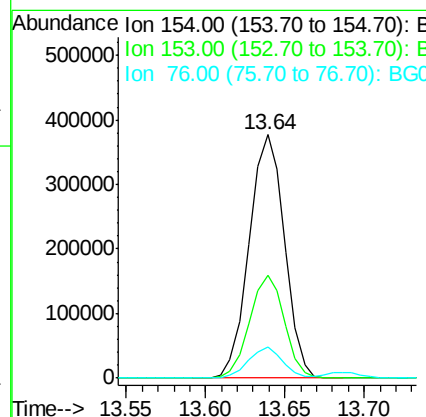
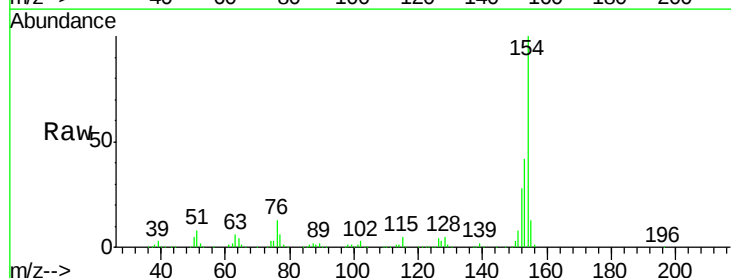
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

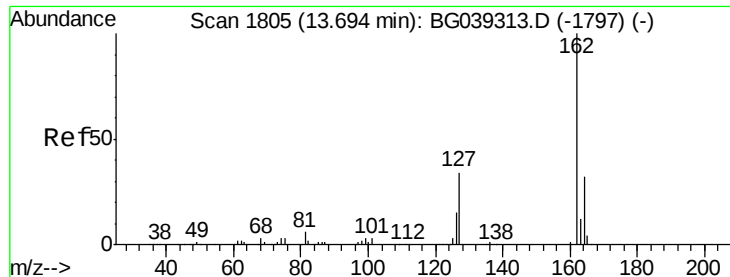
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.4	20.2	30.4



#46
1,1'-Biphenyl
Concen: 38.96 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	12.7	0.0	32.4

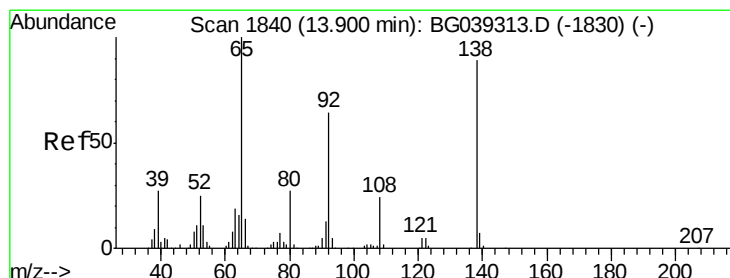
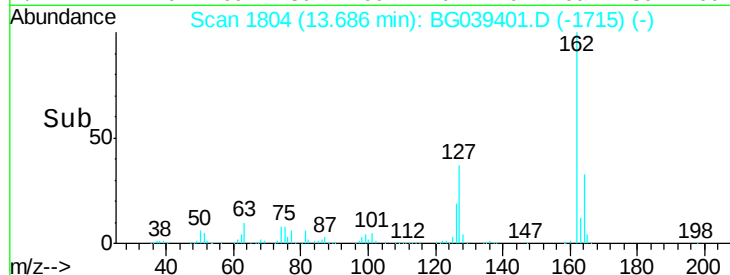
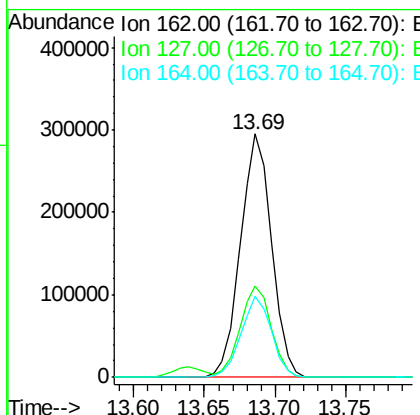
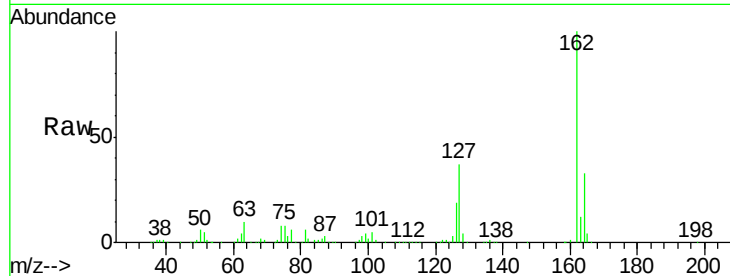




#47
 2-Chloronaphthalene
 Concen: 40.30 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

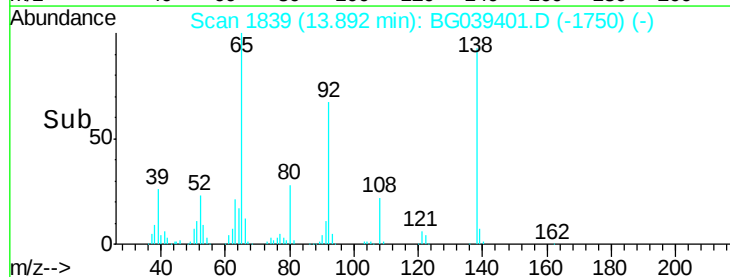
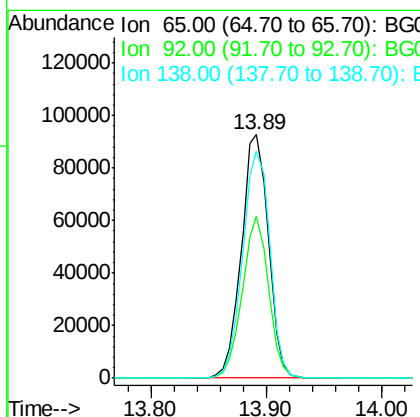
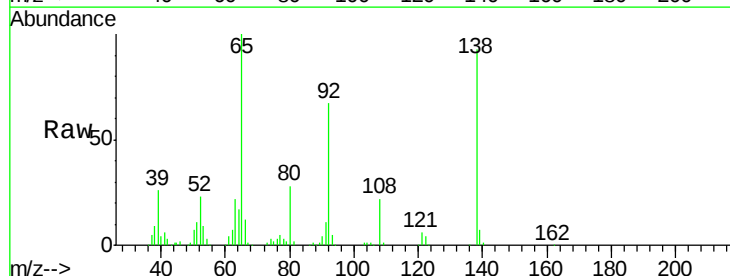
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

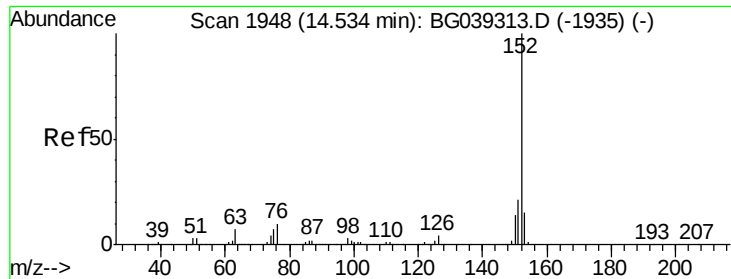
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	33.3	25.7	38.5



#48
 2-Nitroaniline
 Concen: 46.84 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.4	77.2
138	93.1	71.4	107.2





#49

Acenaphthylene

Concen: 38.99 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

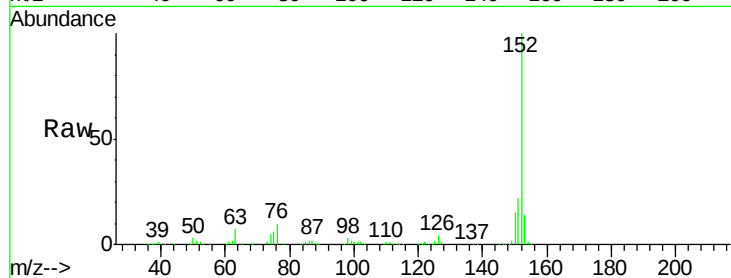
Tot Ion:152 Resp: 662916

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

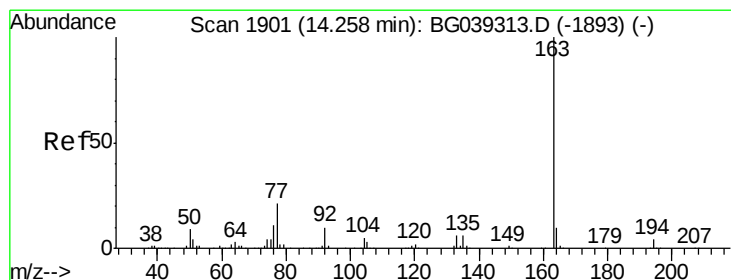
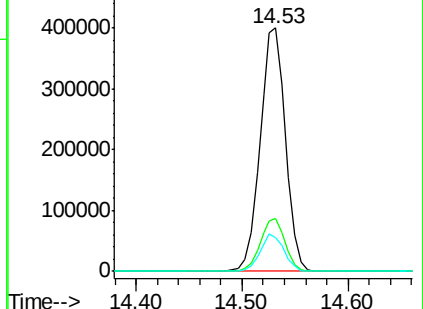
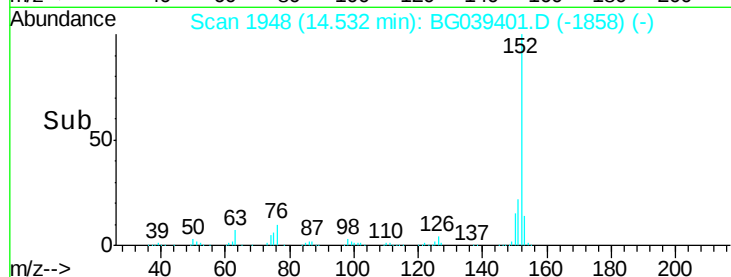
153 14.0 11.7 17.5



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: 39.04 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

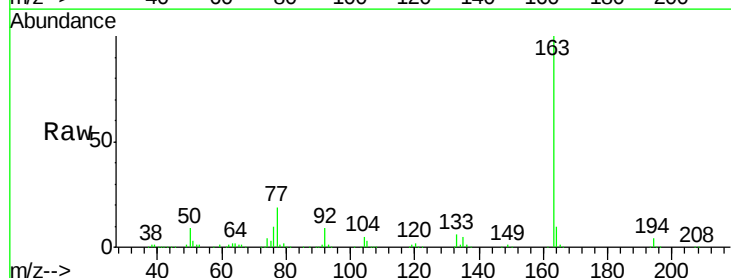
Tgt Ion:163 Resp: 567689

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

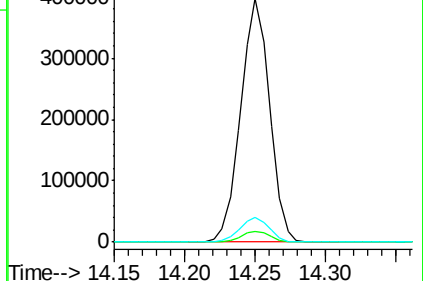
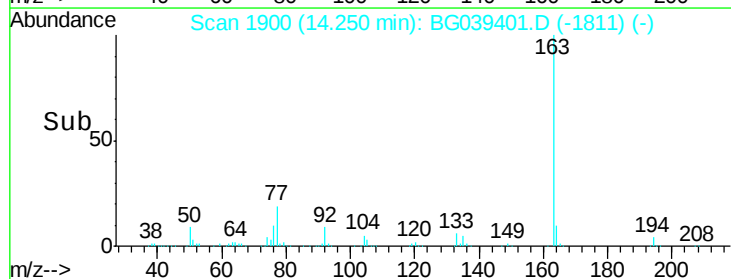
164 10.0 8.4 12.6



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: 46.65 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

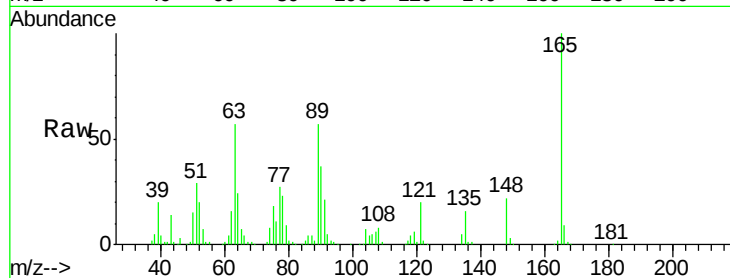
Tot Ion:165 Resp: 126187

Ion Ratio Lower Upper

165 100

63 57.2 47.0 70.6

89 56.5 45.8 68.8

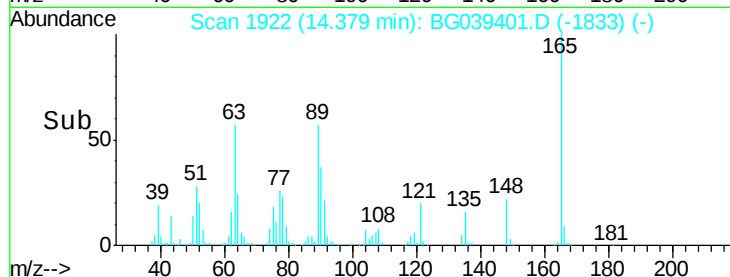


Abundance Ion 165.00 (164.70 to 165.70): E

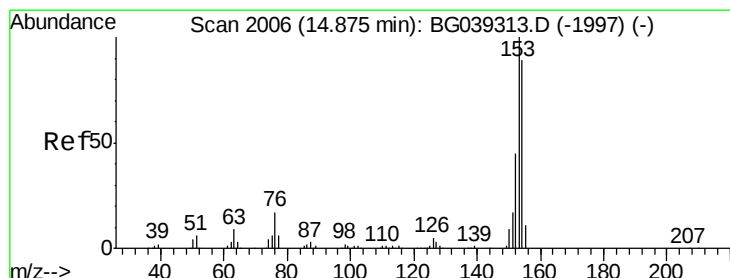
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time-->



Time-->



#52

Acenaphthene

Concen: 39.75 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

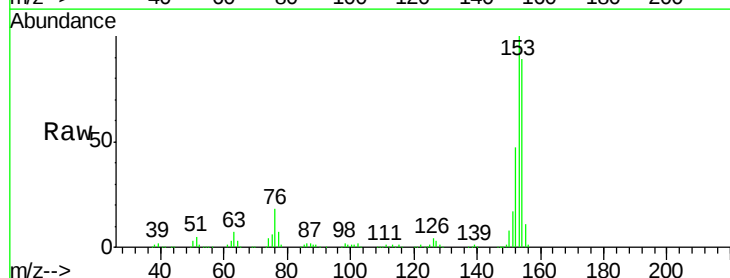
Tgt Ion:154 Resp: 438707

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

152 52.9 40.9 61.3

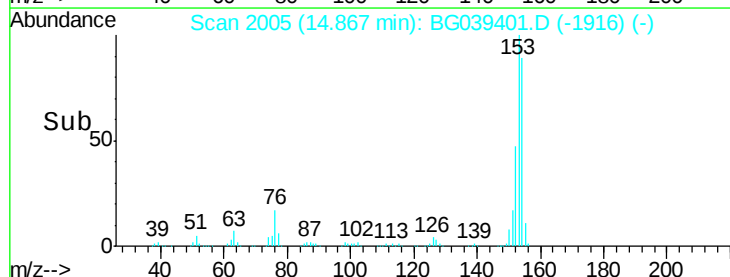


Abundance Ion 154.00 (153.70 to 154.70): E

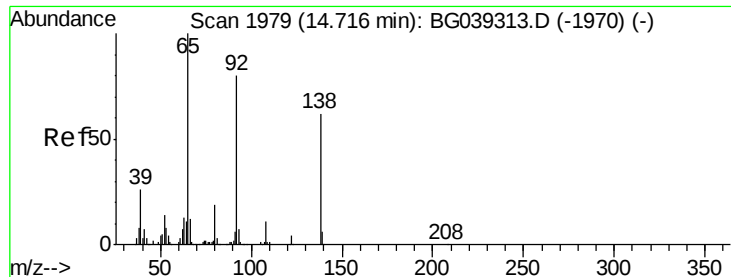
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



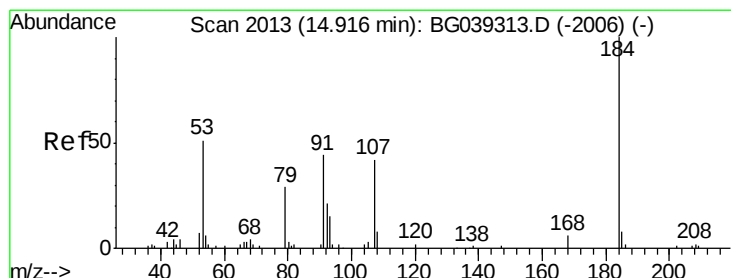
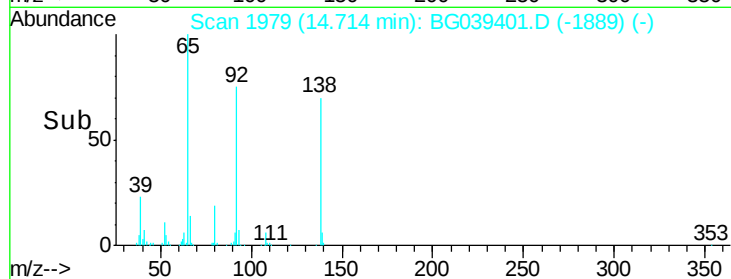
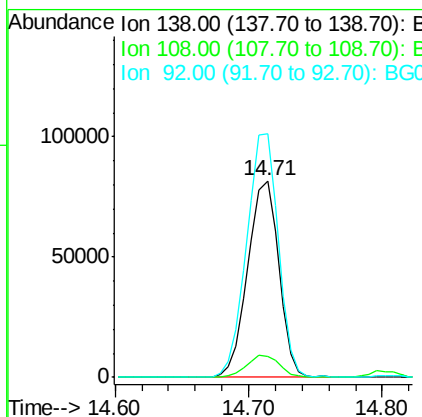
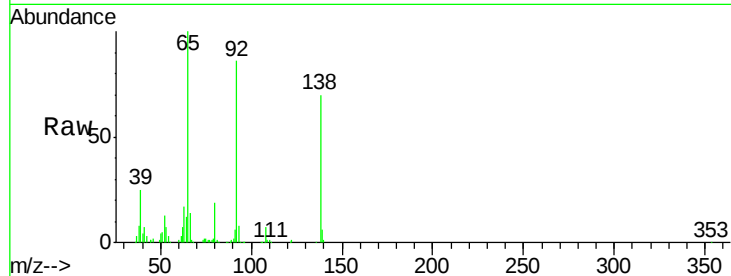
Time-->



#53
3-Nitroaniline
Concen: 45.14 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

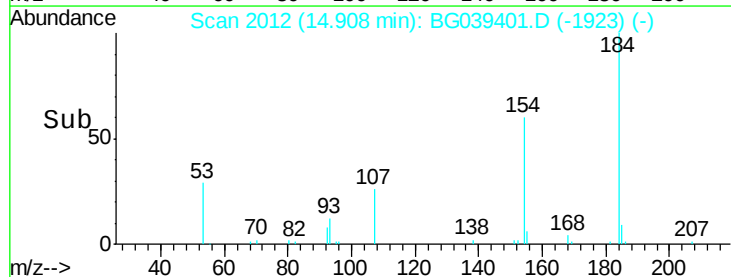
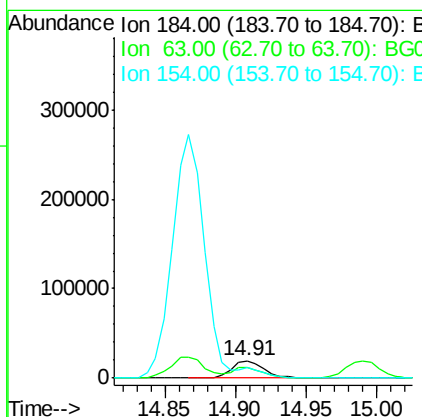
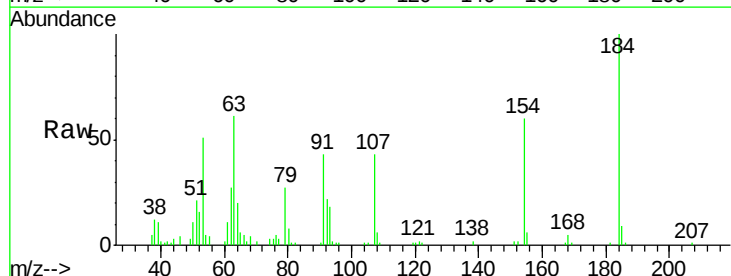
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 131206
Ion Ratio Lower Upper
138 100
108 10.5 13.8 20.8#
92 123.8 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 36.63 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:184 Resp: 31988
Ion Ratio Lower Upper
184 100
63 60.9 50.9 76.3
154 60.3 53.0 79.6

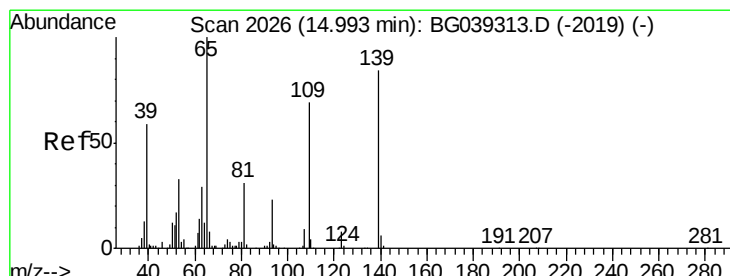
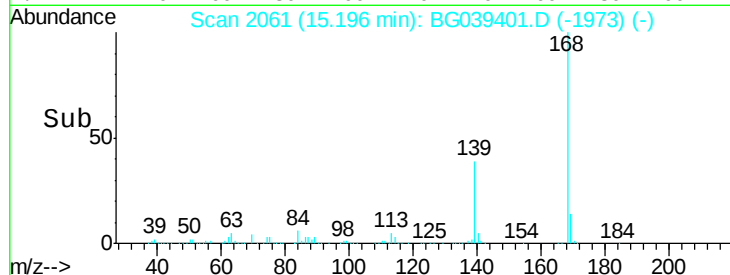
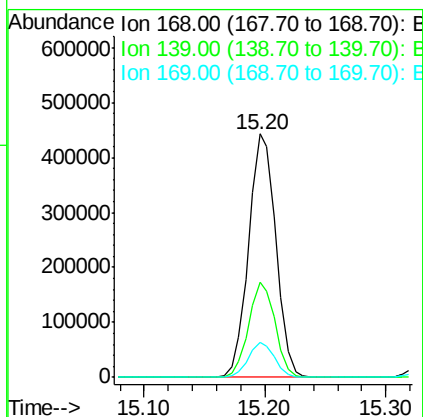
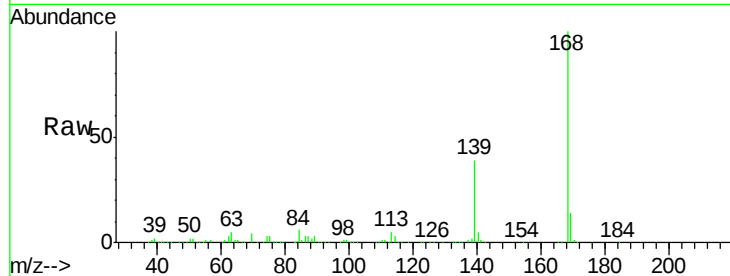




#55
Dibenzofuran
Concen: 39.26 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

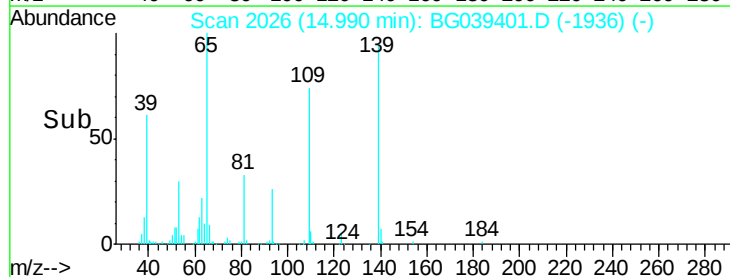
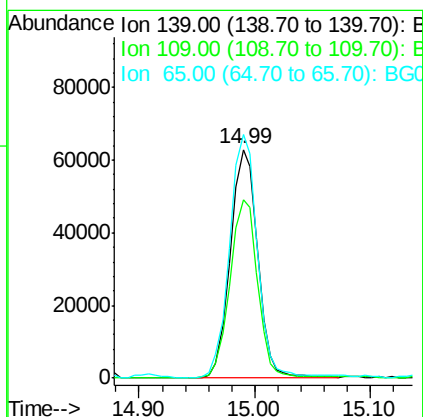
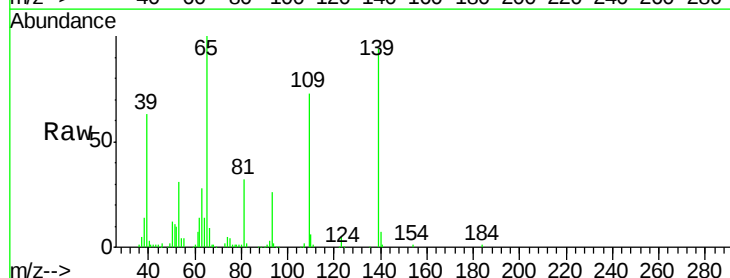
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.4	10.6	16.0



#56
4-Nitrophenol
Concen: 42.39 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	61.9	101.9
65	106.5	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 49.59 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 173709

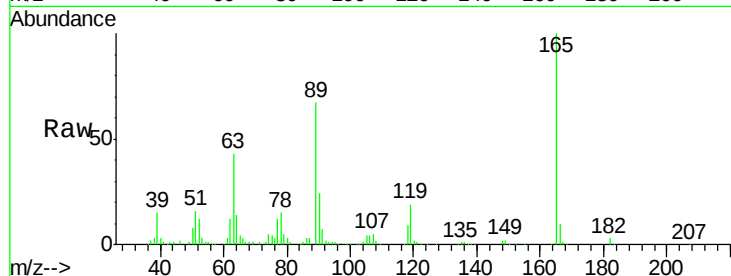
Ion Ratio Lower Upper

165 100

63 42.8 41.0 61.6

89 67.3 64.6 96.8

182 2.8 2.0 3.0

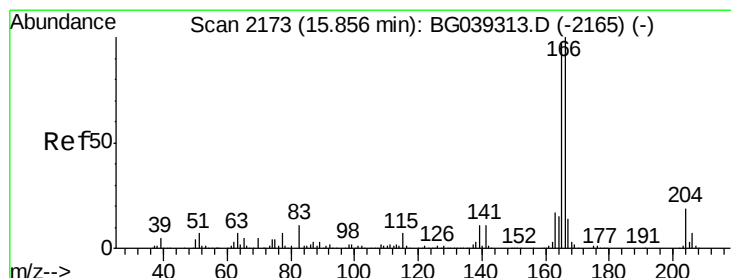
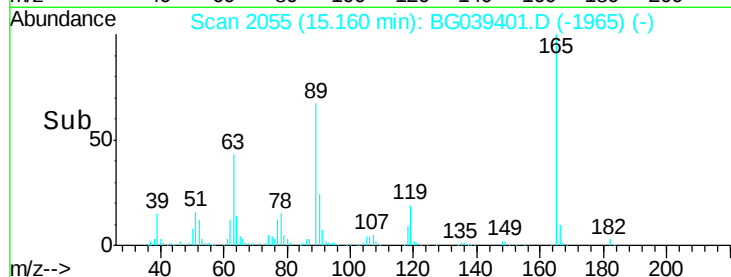
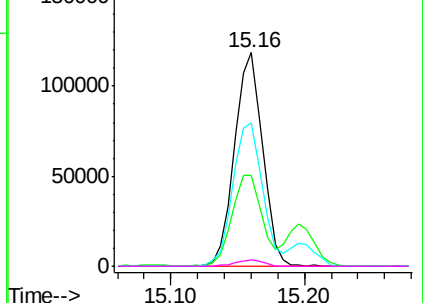


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.59 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

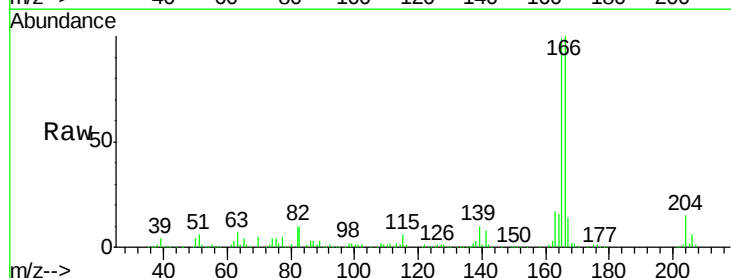
Tgt Ion:166 Resp: 509040

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

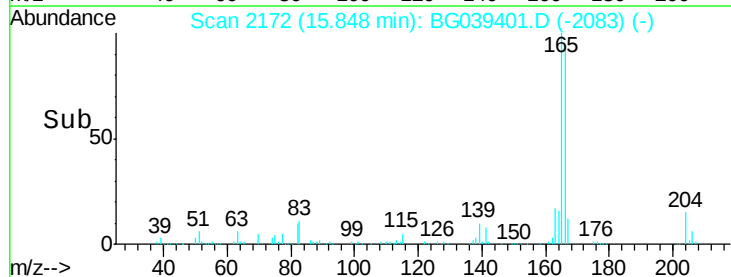
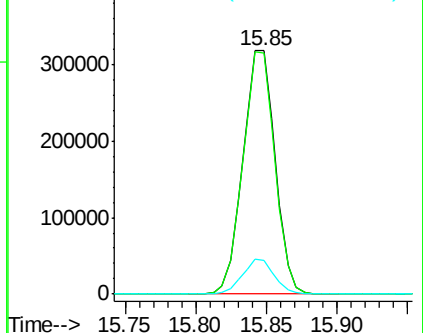
167 14.0 10.8 16.2

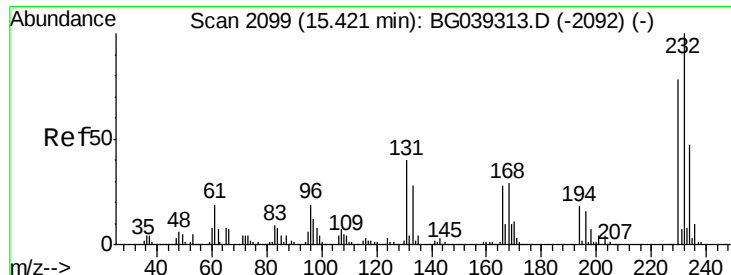


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

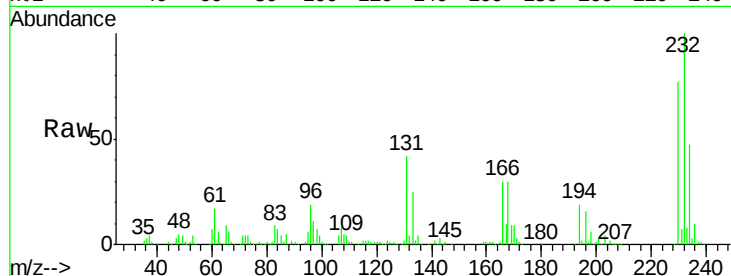




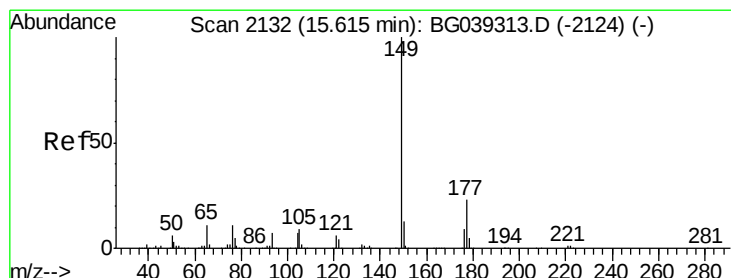
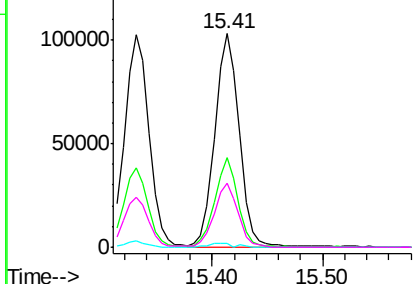
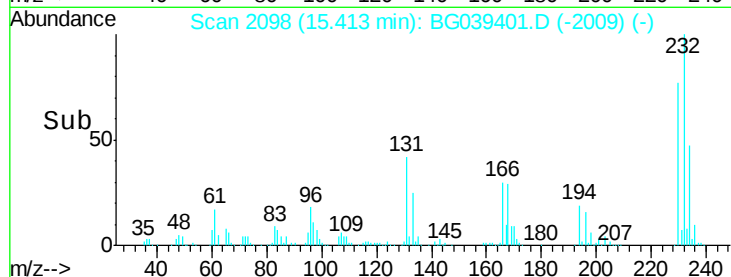
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.41 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	156937
Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	1.9	2.0	3.0
166	29.1	24.1	36.1

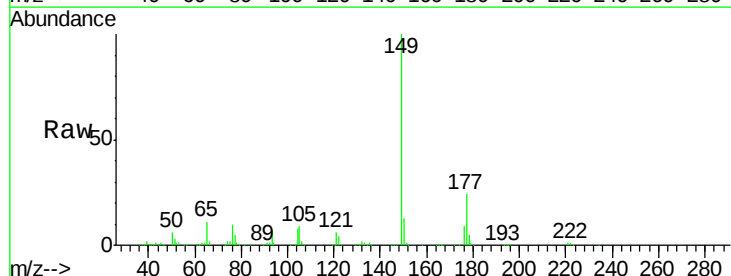


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

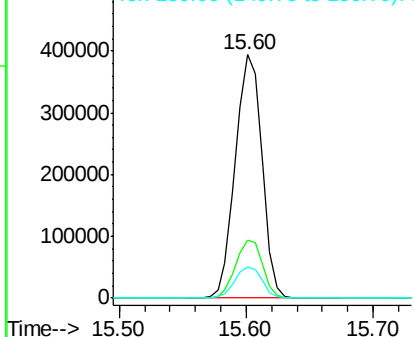
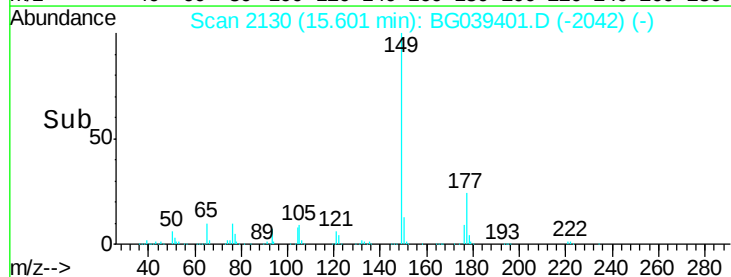


#60
 Diethylphthalate
 Concen: 37.96 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039401.D
 Acq: 8 Feb 2019 4:10

Tgt Ion:	149	Resp:	570601
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.8	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

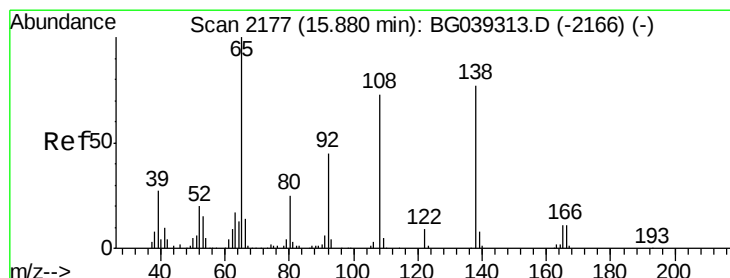
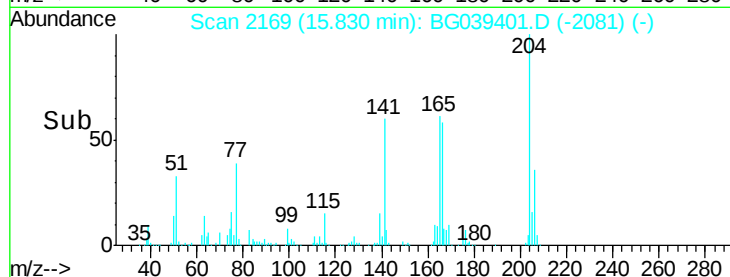
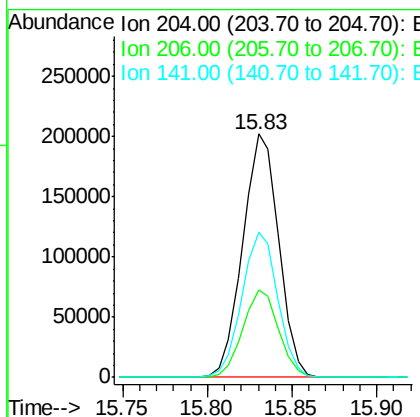
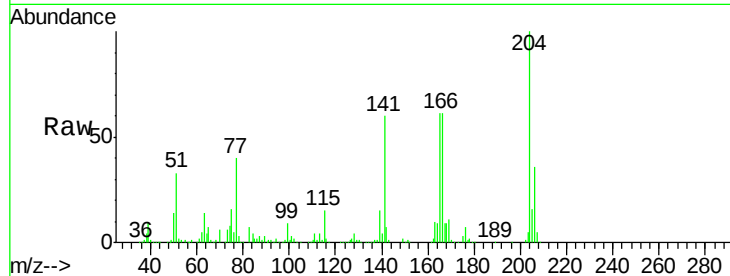




#61
4-Chlorophenyl-phenylether
Concen: 40.14 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

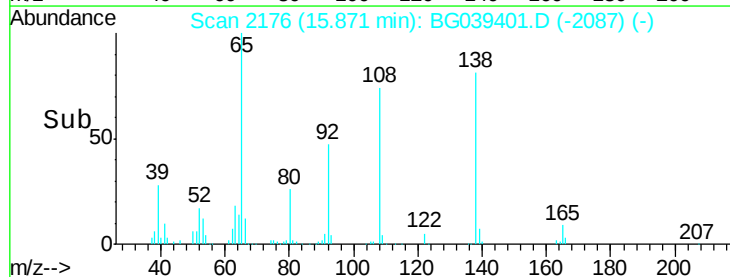
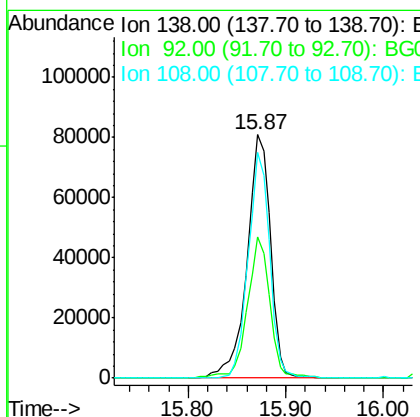
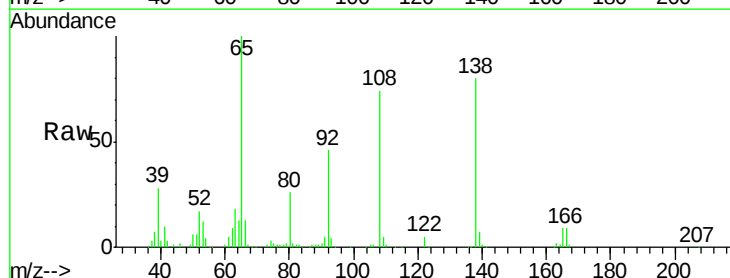
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 299812
Ion Ratio Lower Upper
204 100
206 35.9 29.2 43.8
141 59.7 49.0 73.4



#62
4-Nitroaniline
Concen: 45.17 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:138 Resp: 136886
Ion Ratio Lower Upper
138 100
92 57.9 38.7 78.7
108 92.7 74.6 114.6





#63

Azobenzene

Concen: 36.45 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 535600

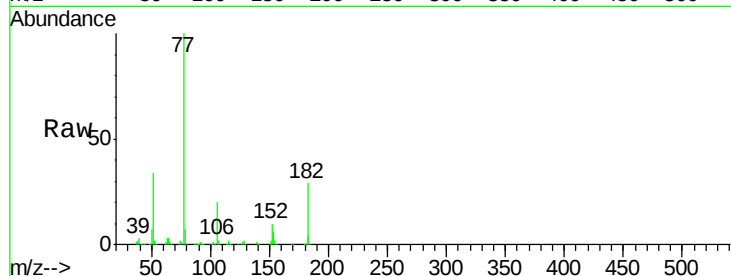
Ion Ratio Lower Upper

77 100

182 28.7 6.4 46.4

105 19.6 0.0 39.8

51 34.3 14.1 54.1

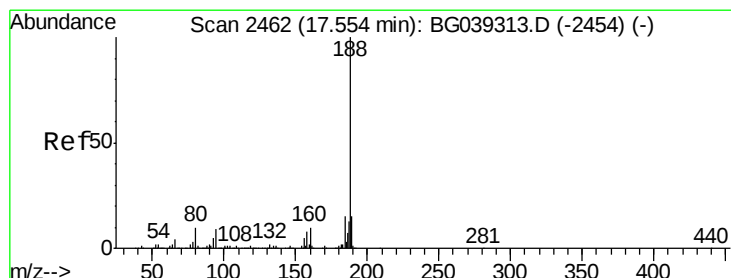
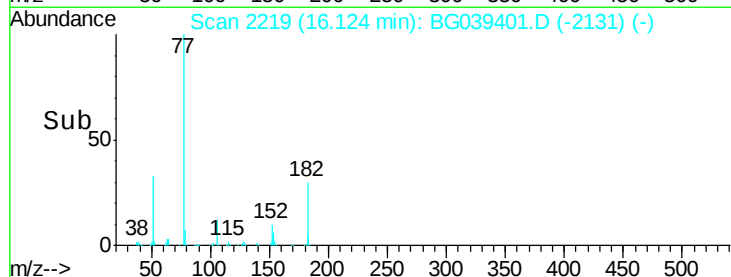
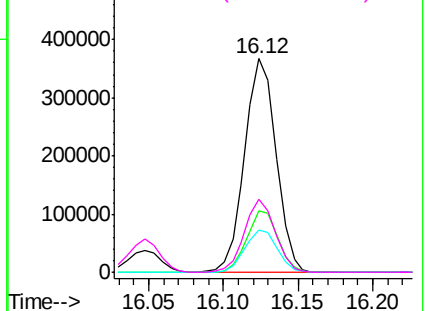


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039401.D

Acq: 8 Feb 2019 4:10

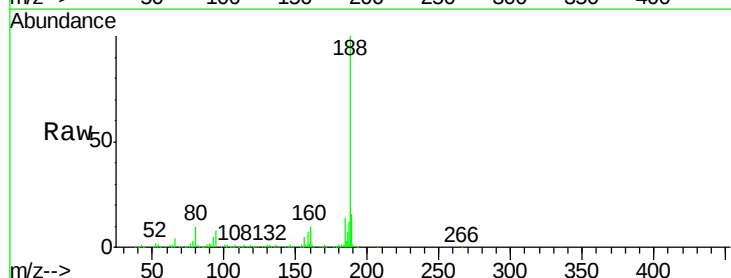
Tgt Ion: 188 Resp: 423536

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

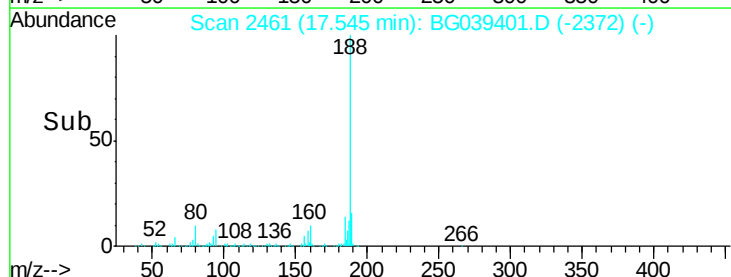
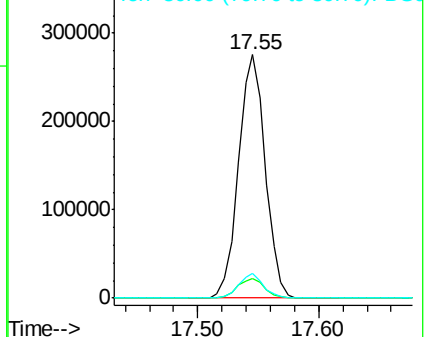
80 9.9 8.1 12.1

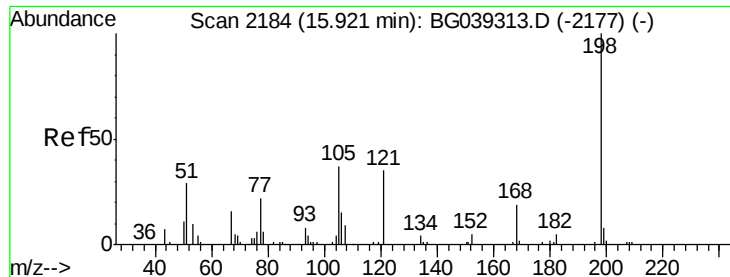


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.00 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

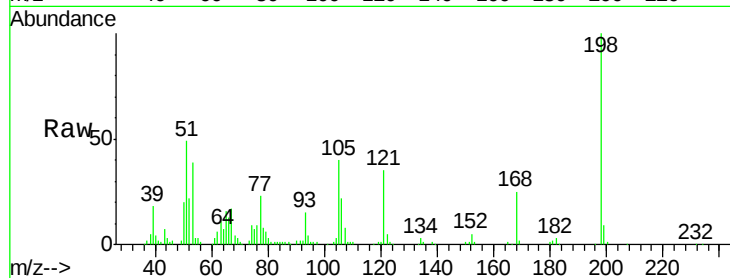
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 82455

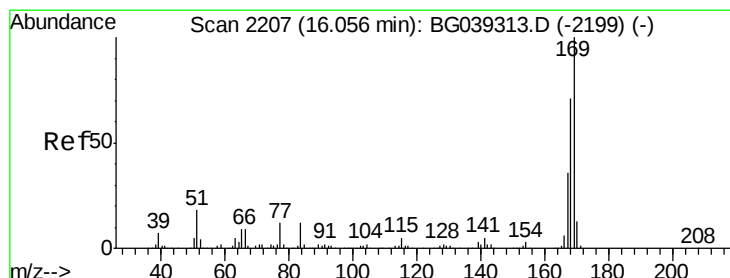
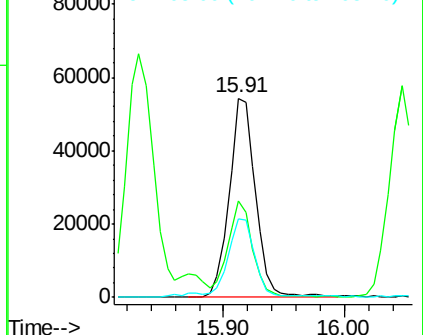
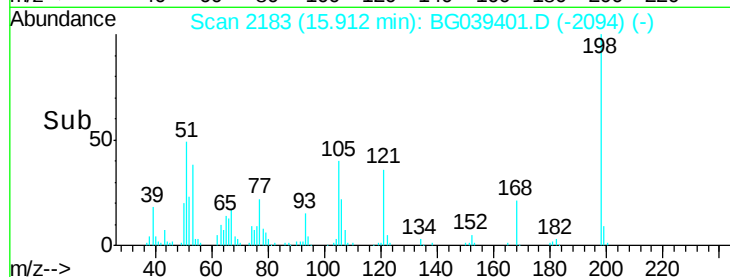
Ion	Ratio	Lower	Upper
198	100		
51	48.5	27.4	67.4
105	39.6	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039401.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 16.05 min Scan# 2206

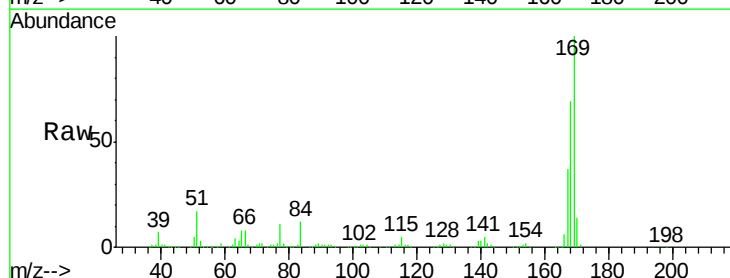
Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Tgt Ion:169 Resp: 508069

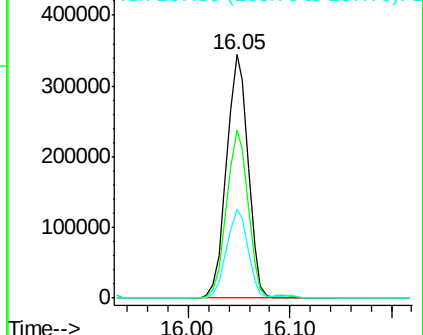
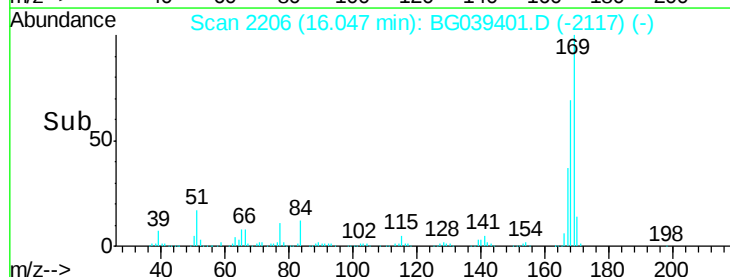
Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.6	85.0
167	36.6	28.8	43.2

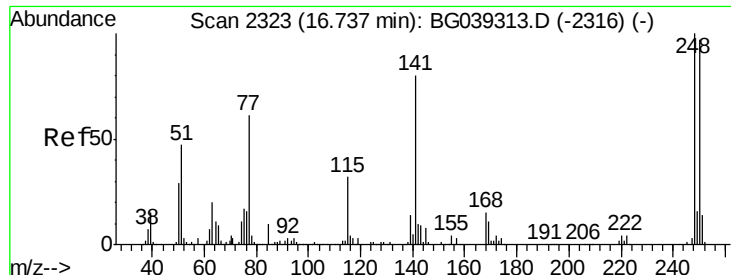


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

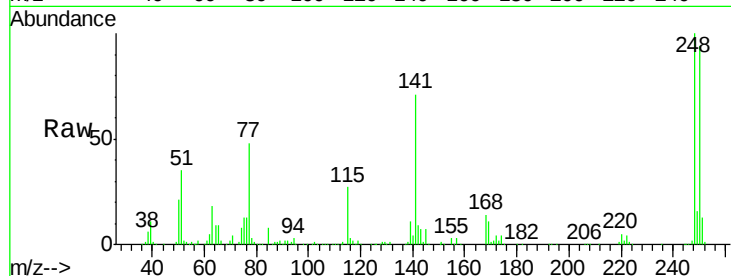




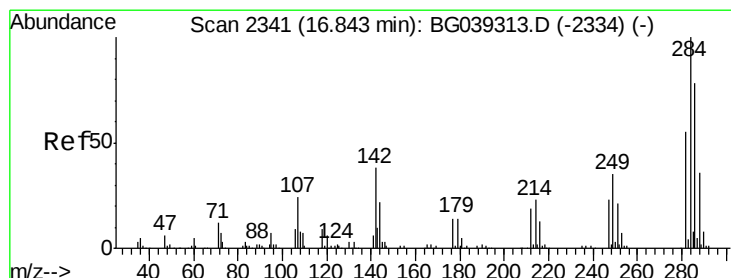
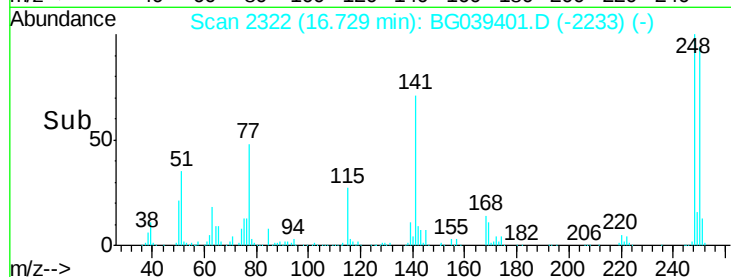
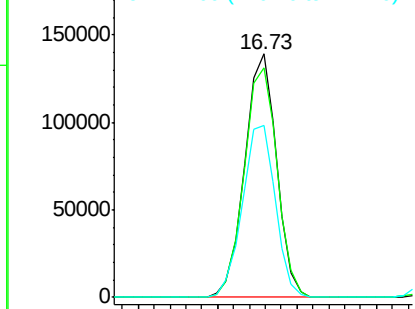
#67
4-Bromophenyl-phenylether
Concen: 41.36 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 194359
Ion Ratio Lower Upper
248 100
250 94.2 77.6 116.4
141 70.6 63.9 95.9

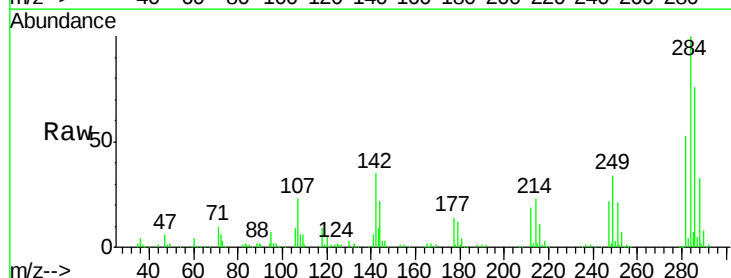


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

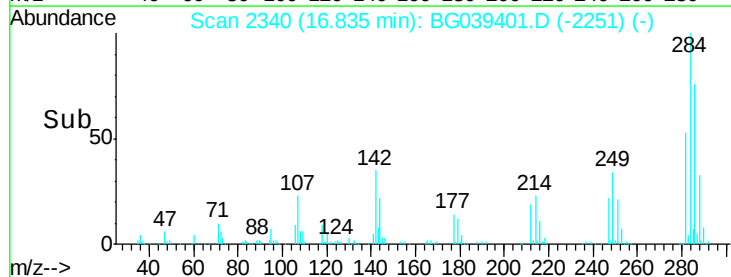
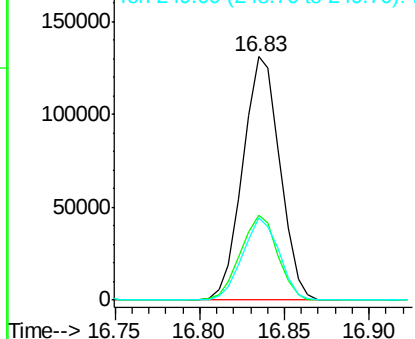


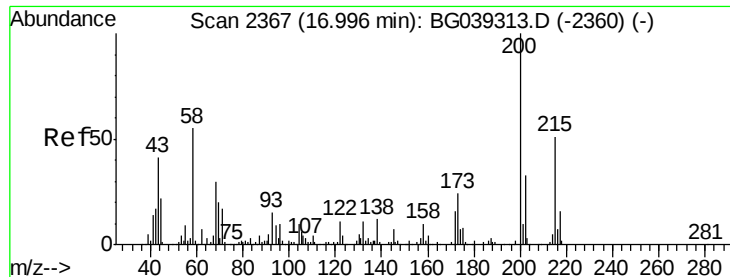
#68
Hexachlorobenzene
Concen: 42.61 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:284 Resp: 200865
Ion Ratio Lower Upper
284 100
142 35.1 30.6 45.8
249 33.6 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.33 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

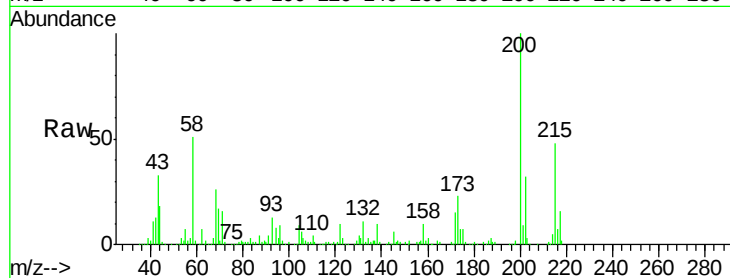
Tot Ion:200 Resp: 180407

Ion Ratio Lower Upper

200 100

173 23.2 3.9 43.9

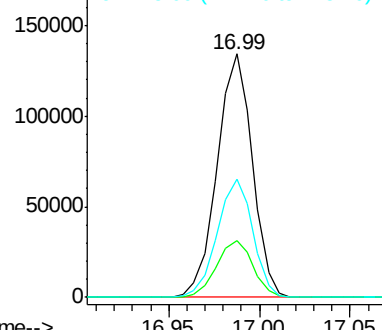
215 48.3 30.9 70.9



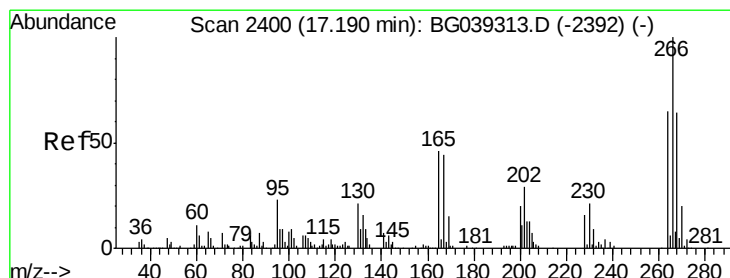
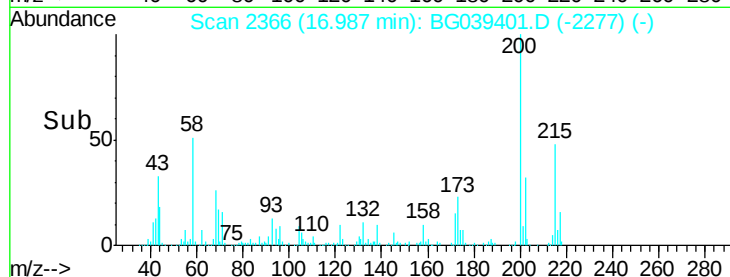
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 40.82 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

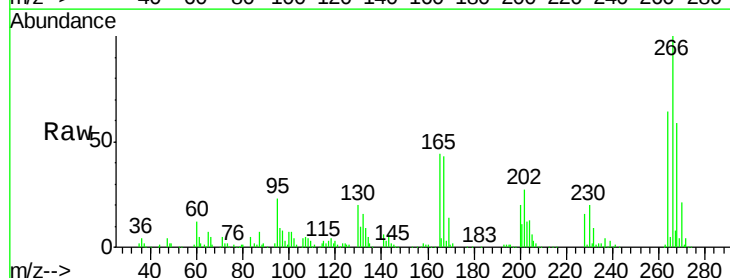
Tgt Ion:266 Resp: 133760

Ion Ratio Lower Upper

266 100

268 59.5 51.1 76.7

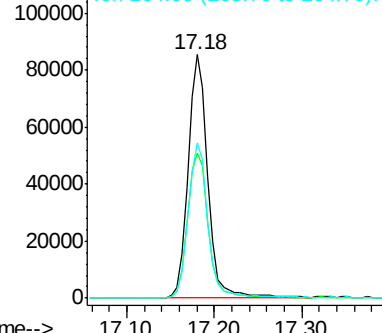
264 63.5 52.1 78.1



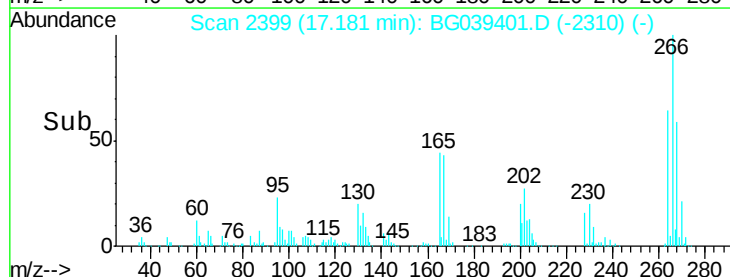
Abundance Ion 265.70 (265.40 to 266.40): E

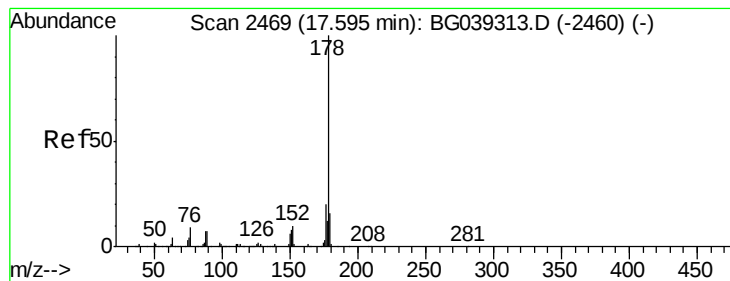
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





#71

Phenanthrene

Concen: 38.65 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

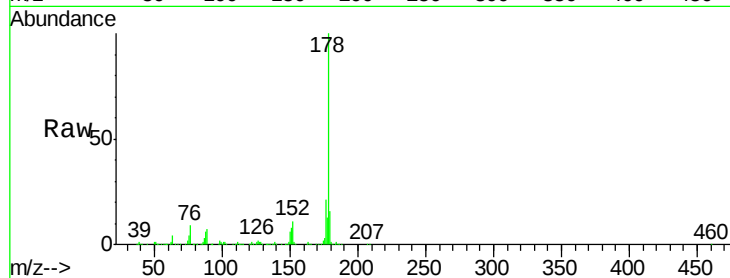
Tot Ion:178 Resp: 847340

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

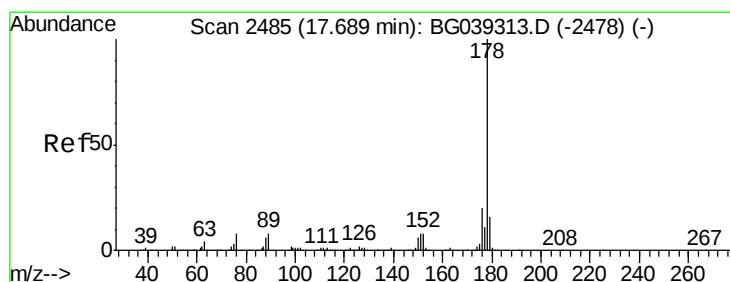
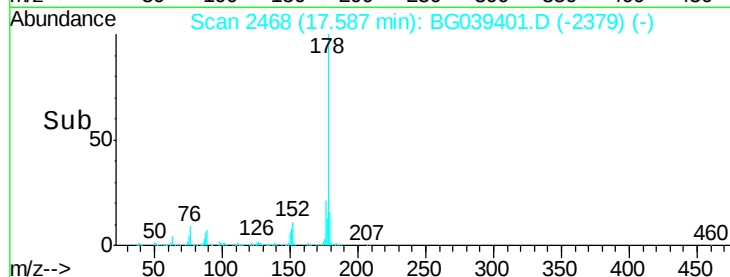
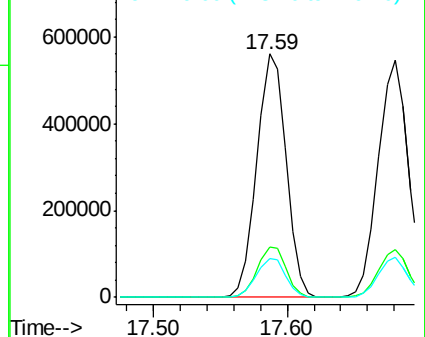
179 15.8 12.6 19.0



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: 39.34 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

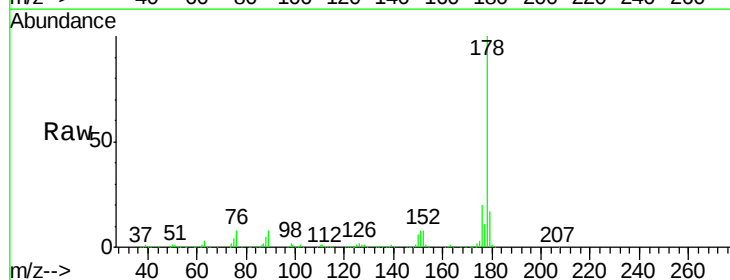
Tgt Ion:178 Resp: 849420

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

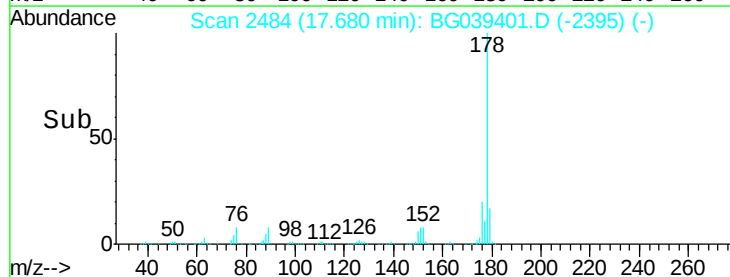
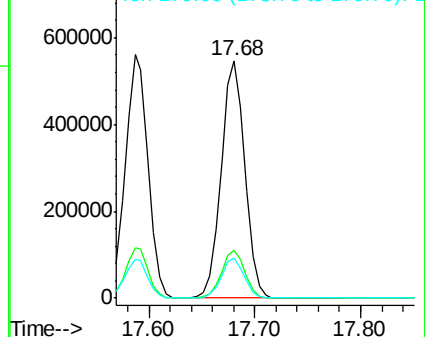
179 16.8 12.5 18.7



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: 38.39 ng

RT: 17.94 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

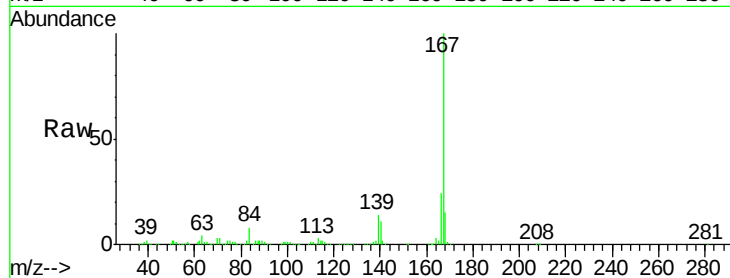
Tot Ion:167 Resp: 827223

Ion Ratio Lower Upper

167 100

166 24.3 19.4 29.2

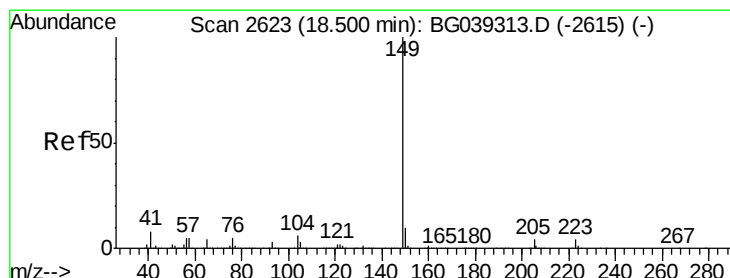
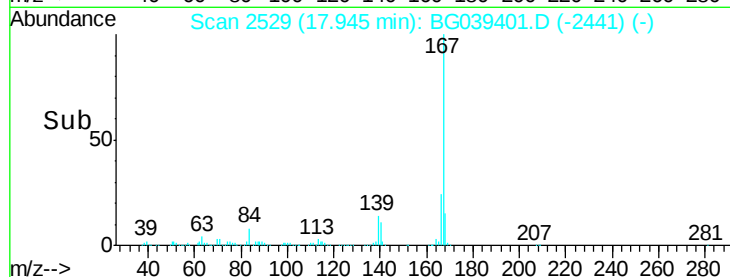
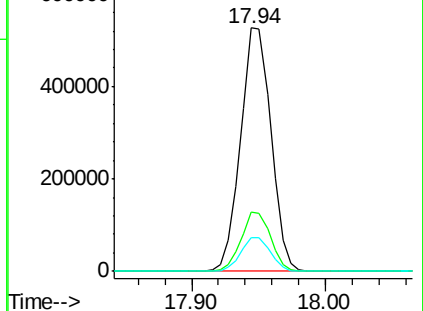
139 14.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.39 ng

RT: 18.49 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

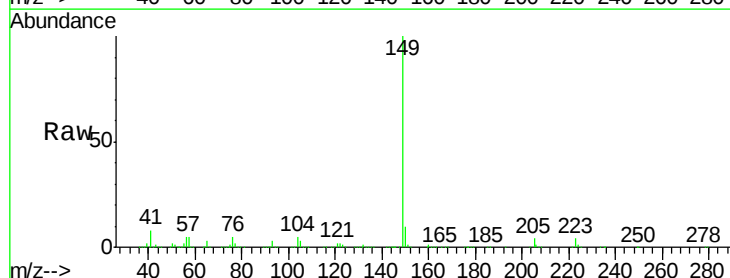
Tgt Ion:149 Resp: 965024

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

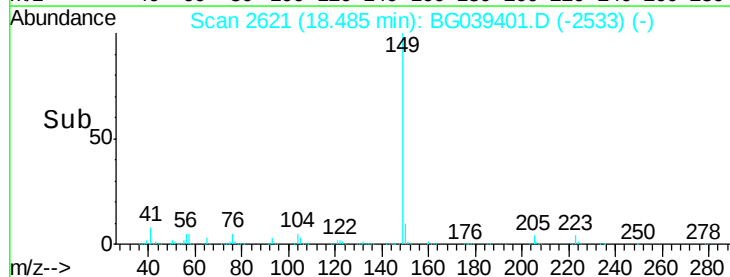
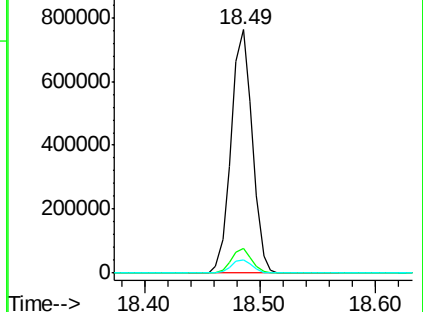
104 5.3 4.5 6.7

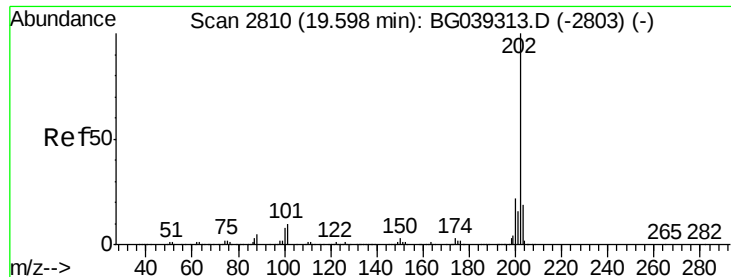


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.87 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

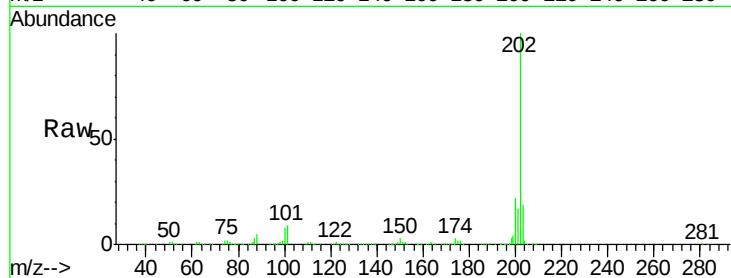
Tot Ion:202 Resp: 1014495

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.0

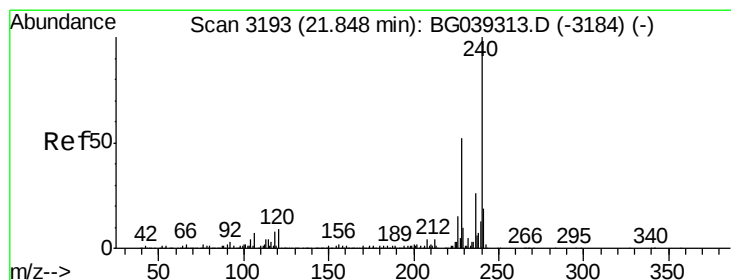
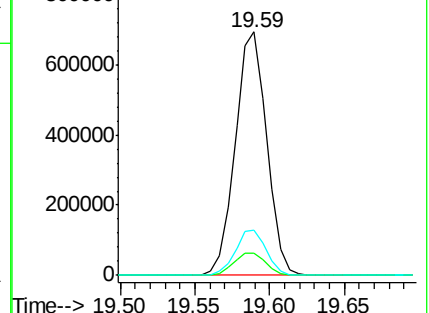
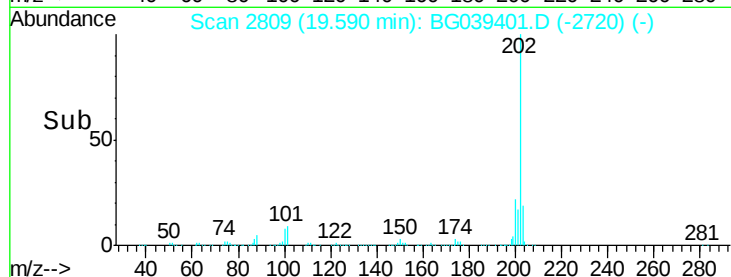
203 18.8 0.0 38.9



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# 3192

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

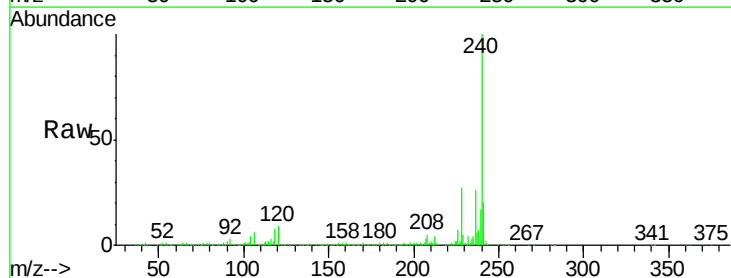
Tgt Ion:240 Resp: 436064

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

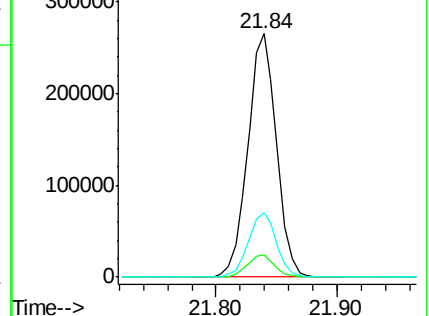
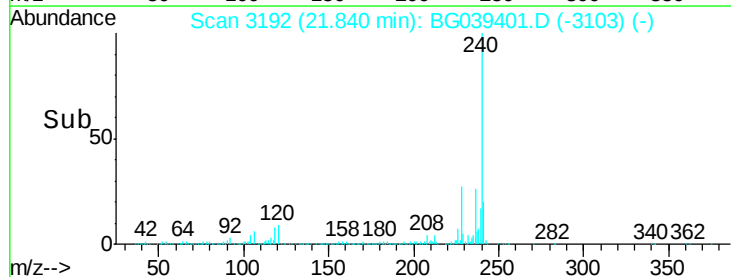
236 26.4 21.0 31.4

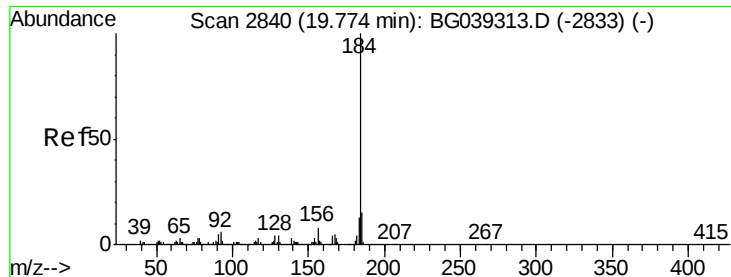


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.88 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

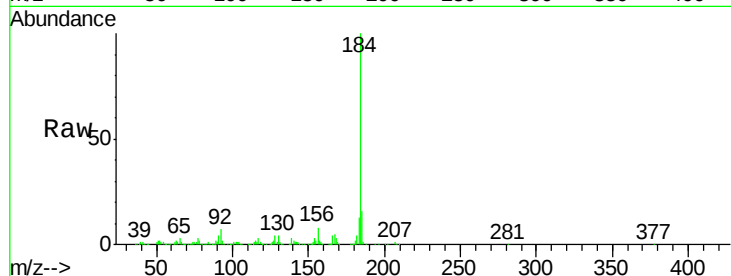
Tot Ion:184 Resp: 527300

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

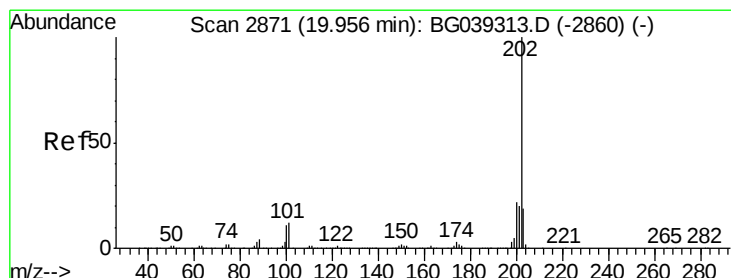
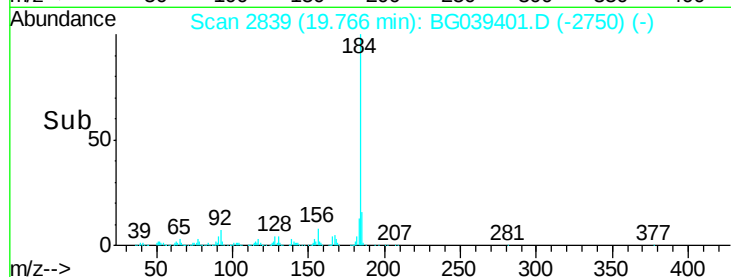
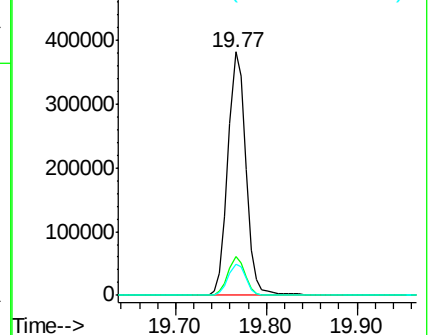
183 13.0 10.6 15.8



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: 38.09 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

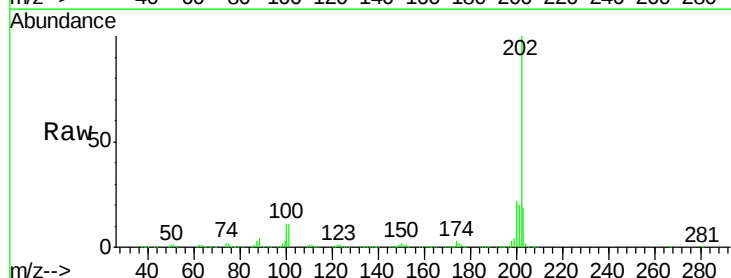
Tgt Ion:202 Resp: 1033876

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

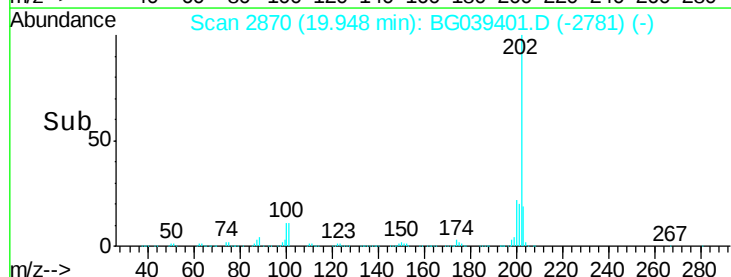
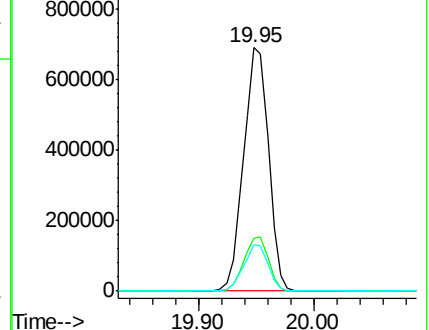
203 19.1 15.3 22.9



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: 73.79 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

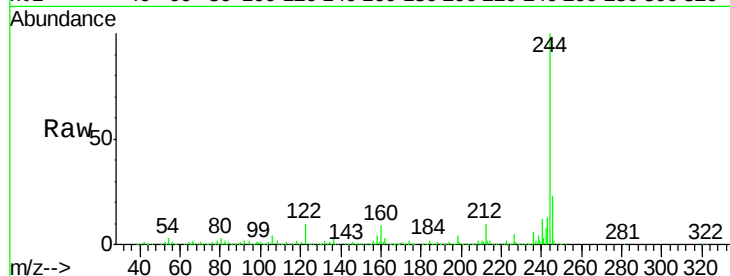
Tot Ion:244 Resp: 1520258

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

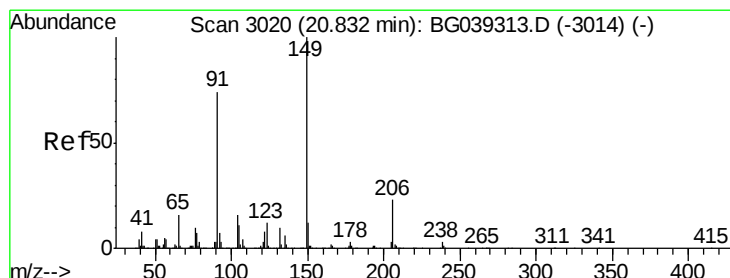
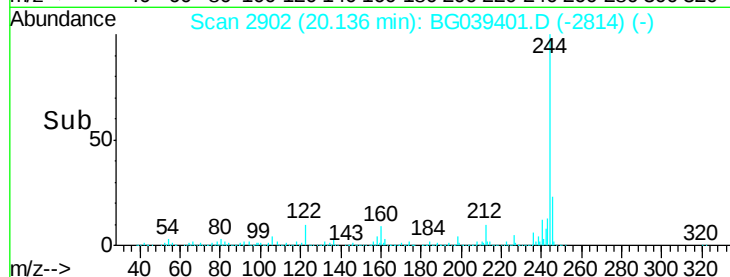
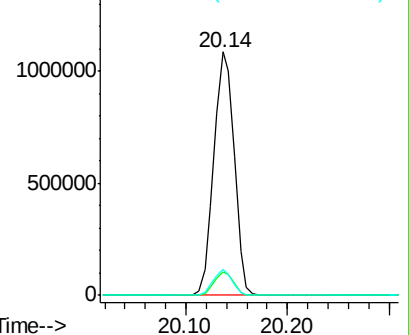
122 10.5 8.4 12.6



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: 38.99 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

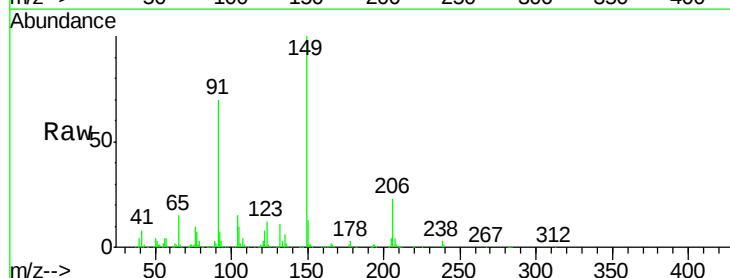
Tgt Ion:149 Resp: 446528

Ion Ratio Lower Upper

149 100

91 70.2 59.5 89.3

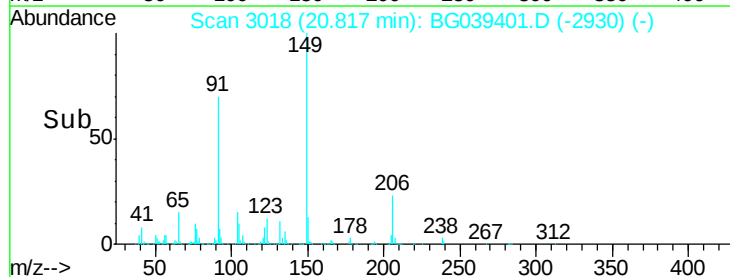
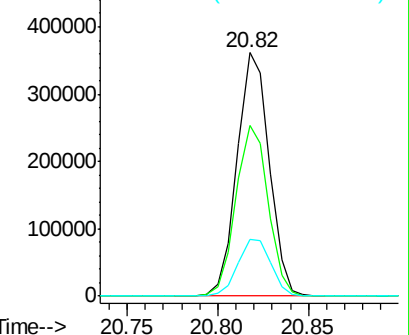
206 23.2 18.6 27.8

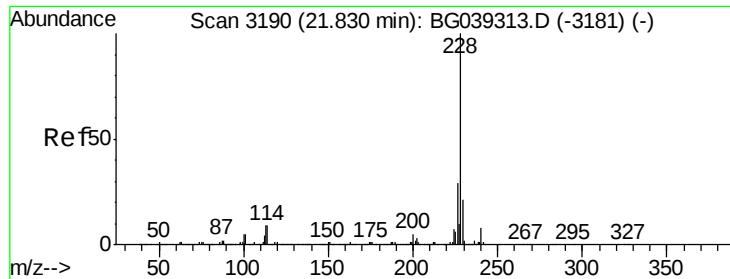


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

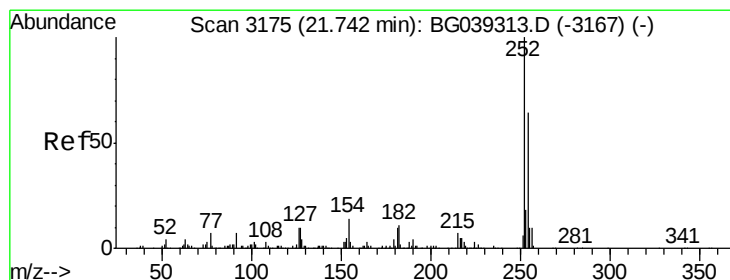
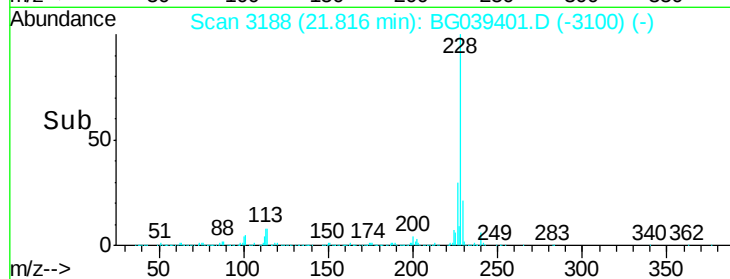
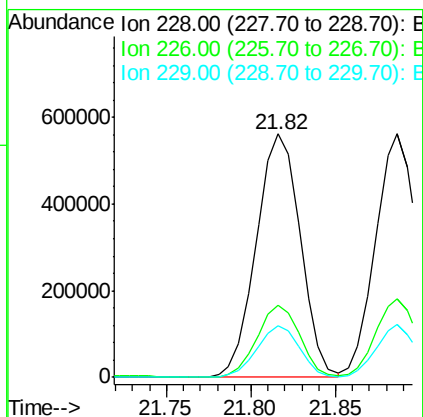
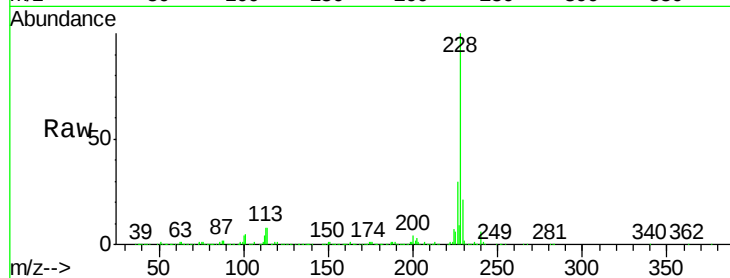




#81
Benzo(a)anthracene
Concen: 39.31 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

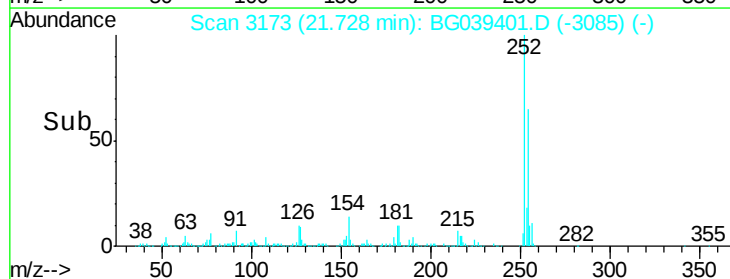
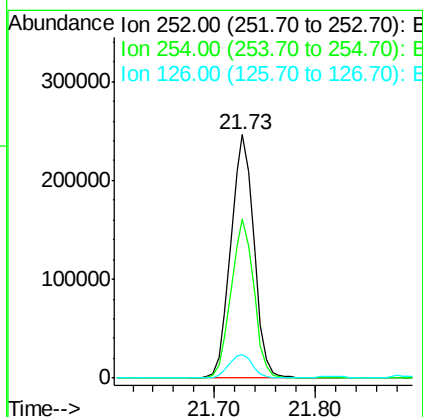
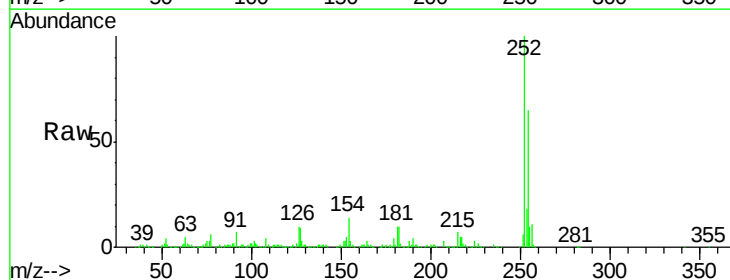
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

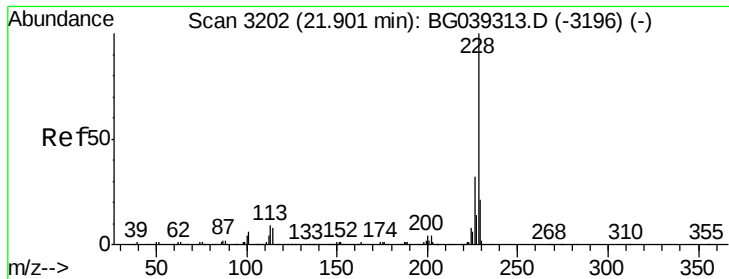
Tot Ion:228 Resp: 1012844
Ion Ratio Lower Upper
228 100
226 29.8 23.0 34.6
229 21.3 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 40.84 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:252 Resp: 390198
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 9.8 8.0 12.0





#83

Chrysene

Concen: 39.40 ng

RT: 21.89 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

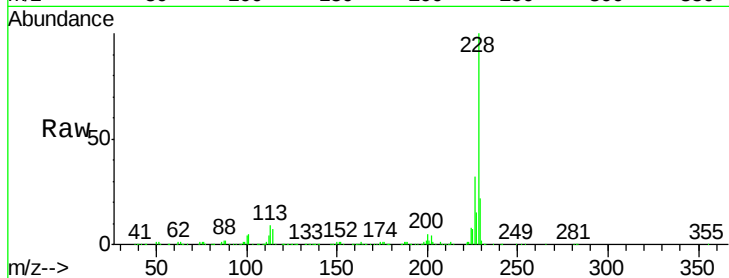
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 966424

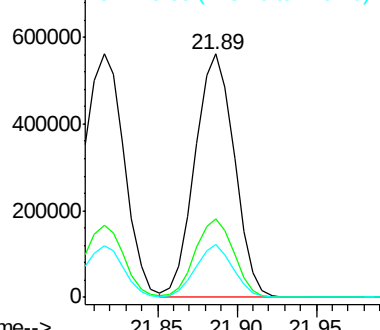
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	21.5	16.6	25.0



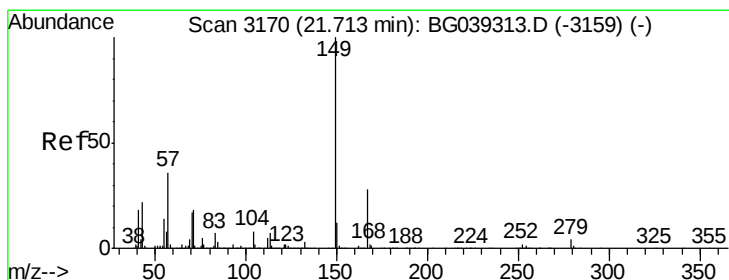
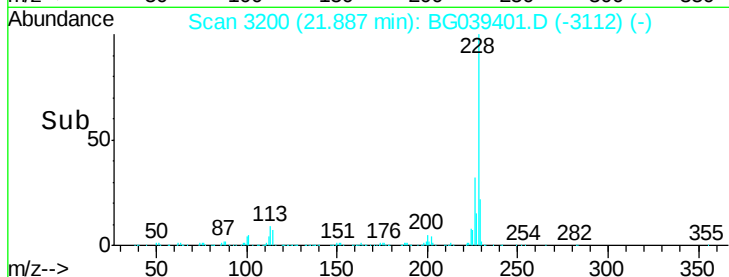
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.79 ng

RT: 21.69 min Scan# 3167

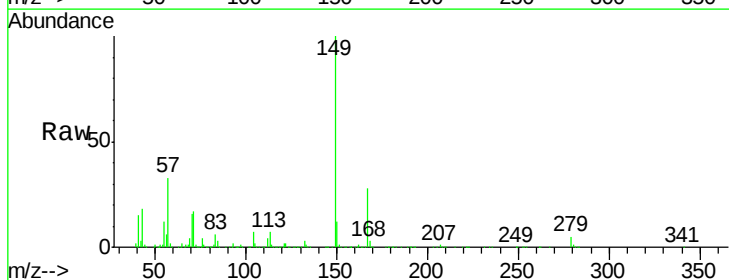
Delta R.T. -0.02 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Tgt Ion:149 Resp: 633653

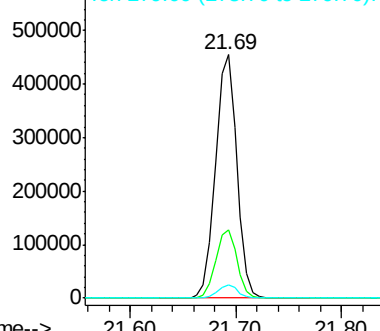
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	5.2	3.5	5.3



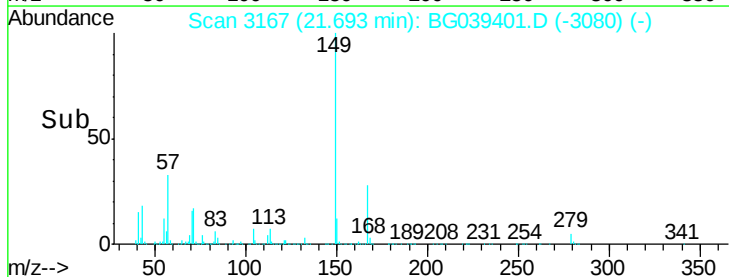
Abundance Ion 149.00 (148.70 to 149.70): E

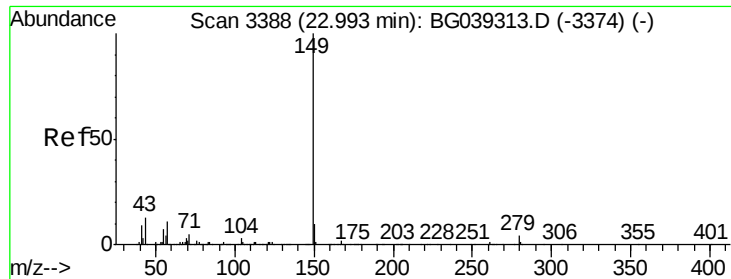
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 39.50 ng

RT: 22.96 min Scan# 3383

Delta R.T. -0.03 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

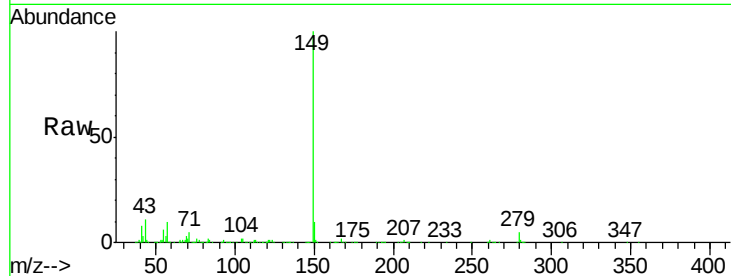
Tot Ion:149 Resp: 1066232

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

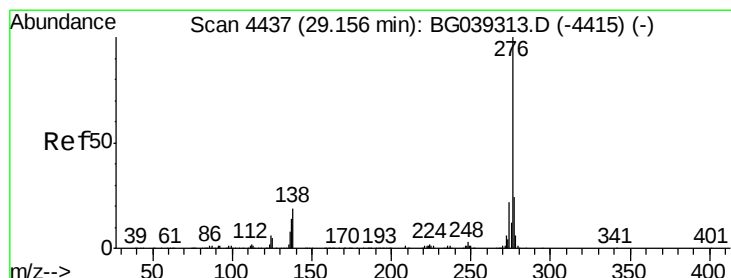
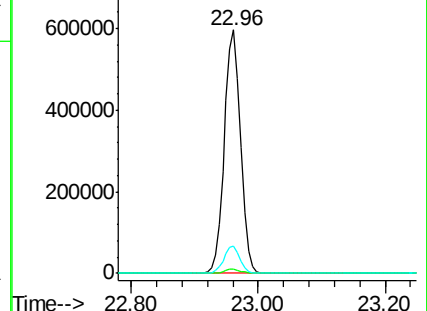
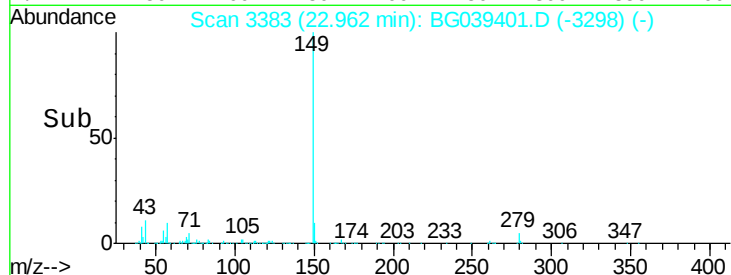
43 11.4 10.2 15.4



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: 43.02 ng

RT: 29.12 min Scan# 4432

Delta R.T. -0.03 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

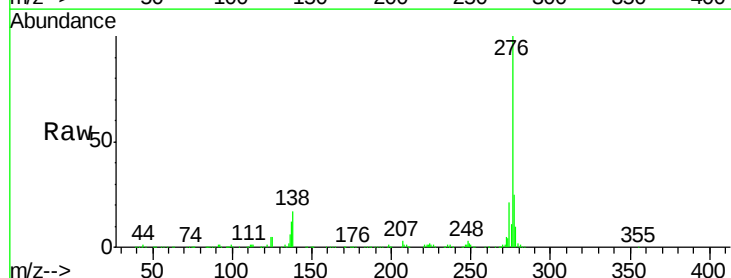
Tgt Ion:276 Resp: 1132215

Ion Ratio Lower Upper

276 100

138 15.4 12.6 19.0

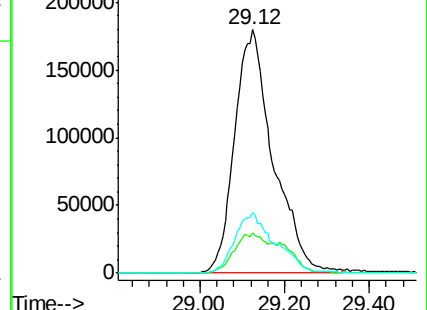
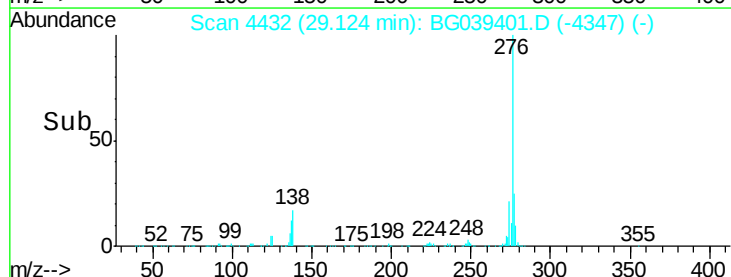
277 25.8 20.8 31.2



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



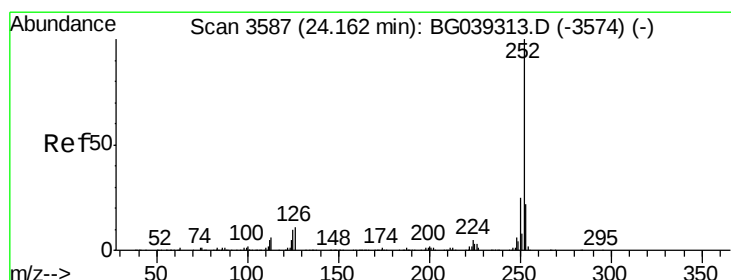
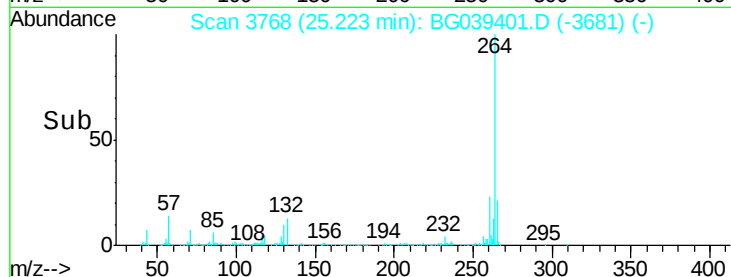
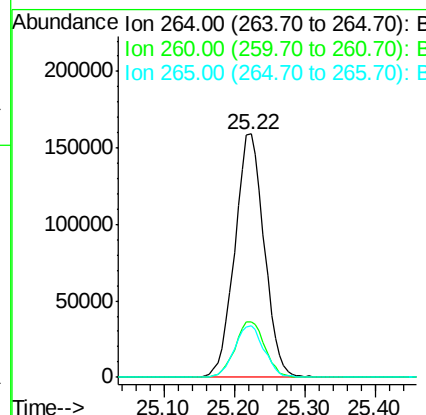
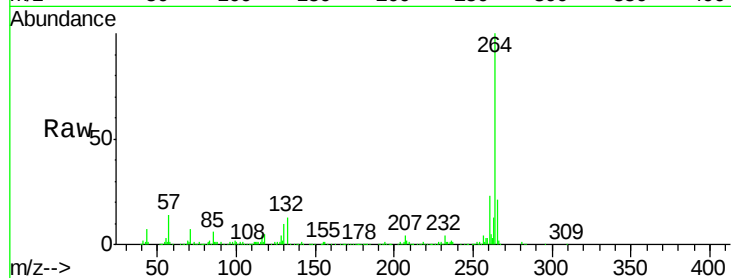


#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 460128

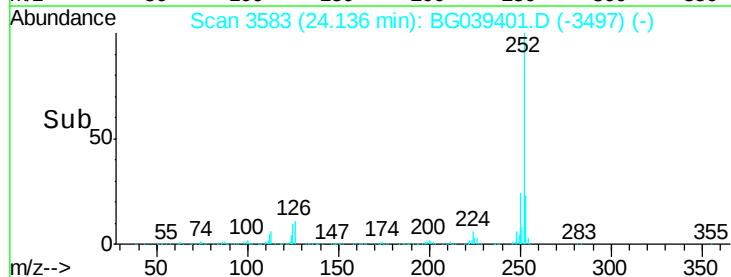
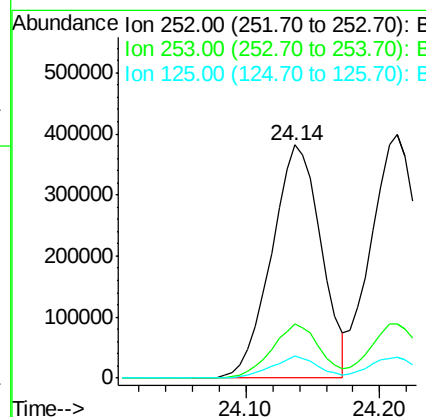
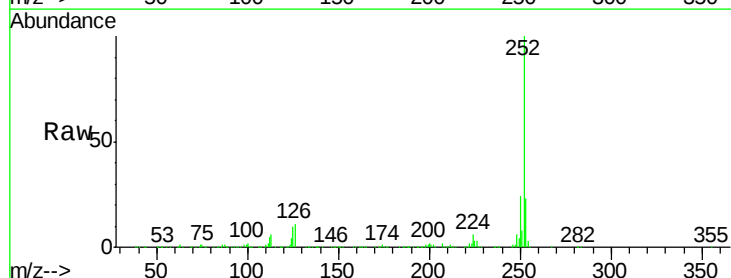
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.1	18.5	27.7

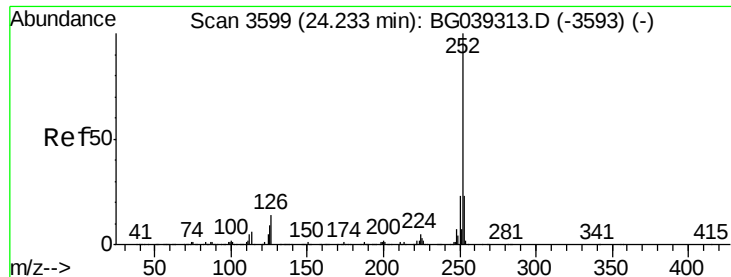


#88
Benzo(b)fluoranthene
Concen: 39.28 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039401.D
Acq: 8 Feb 2019 4:10

Tgt Ion:252 Resp: 985619

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.7	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 39.16 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

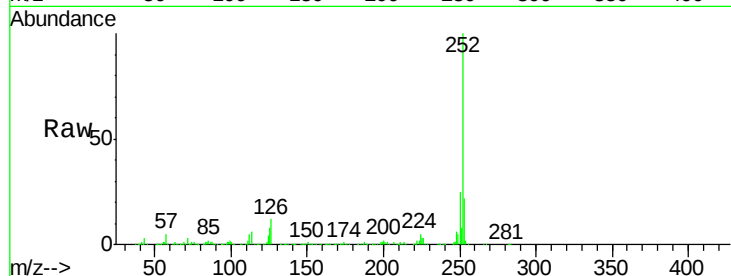
Tot Ion:252 Resp: 986547

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

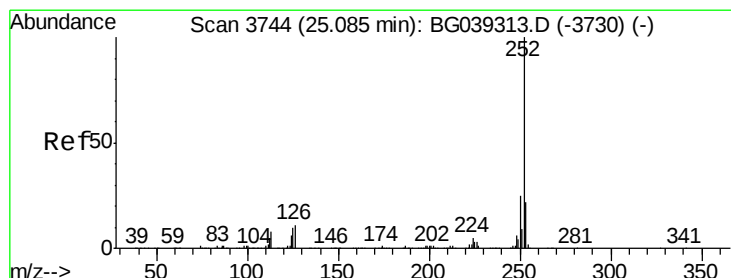
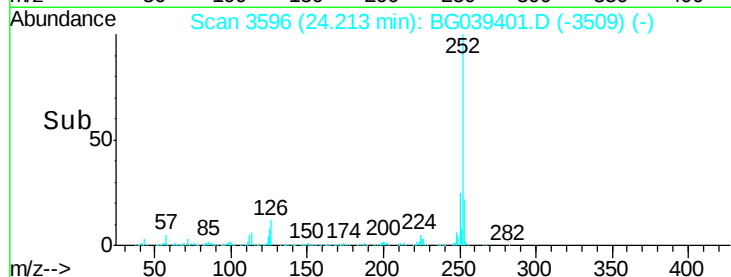
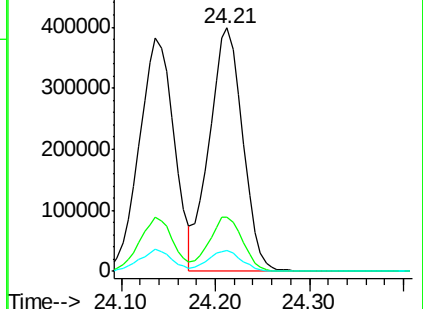
125 8.4 7.4 11.2



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: 39.67 ng

RT: 25.06 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

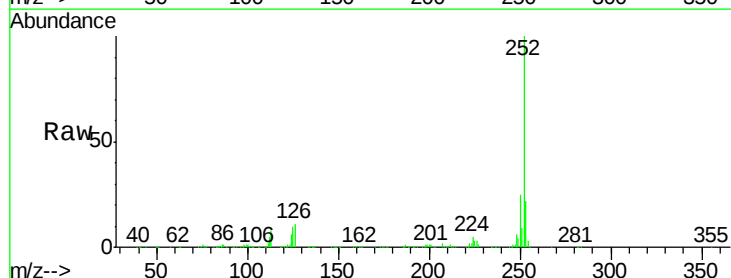
Tgt Ion:252 Resp: 958603

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

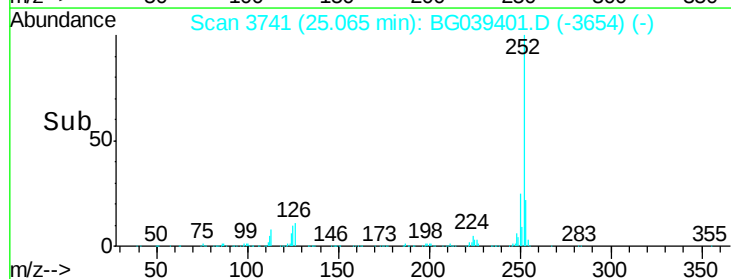
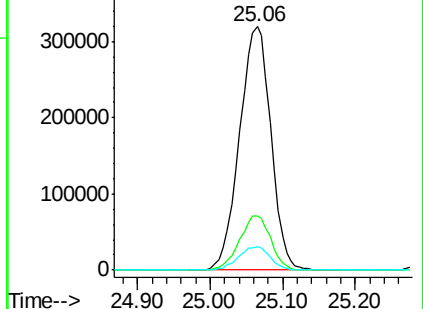
125 9.6 8.3 12.5



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: 40.74 ng

RT: 29.19 min Scan# 4444

Delta R.T. -0.04 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

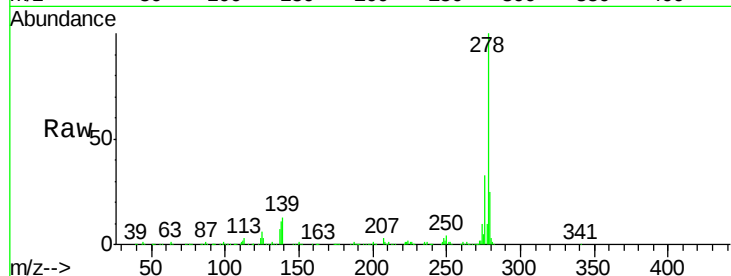
Tot Ion:278 Resp: 921941

Ion Ratio Lower Upper

278 100

139 13.0 11.7 17.5

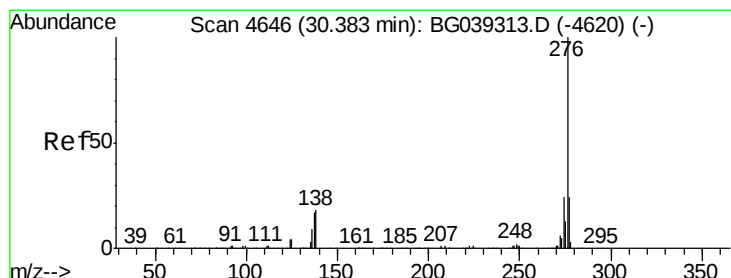
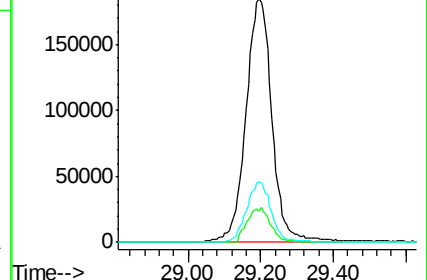
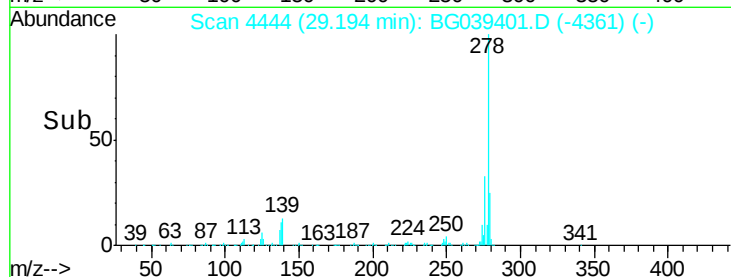
279 24.7 19.1 28.7



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: 41.27 ng

RT: 30.35 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039401.D

Acq: 8 Feb 2019 4:10

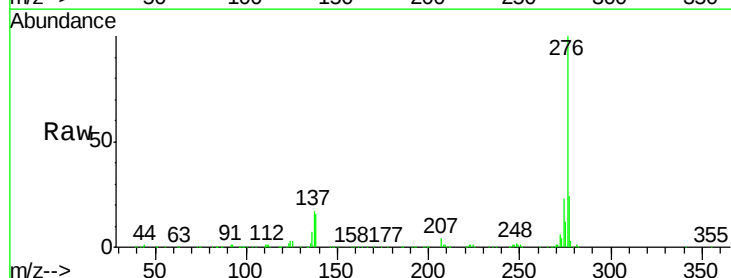
Tgt Ion:276 Resp: 931081

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 16.1 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

