

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
 Data File : BG039973.D
 Acq On : 18 Mar 2019 17:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 19 07:47:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40593	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	185297	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	121622	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	283157	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	278657	20.00	ng	-0.03
87) Perylene-d12	25.16	264	288404	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	199911	84.02	ng	-0.02
7) Phenol-d6	7.29	99	290741	81.95	ng	-0.02
23) Nitrobenzene-d5	9.33	82	294527	85.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	112497	79.36	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	685785	80.28	ng	-0.02
79) Terphenyl-d14	20.11	244	1012982	80.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	43579	39.671	ng	96
3) Pyridine	3.98	79	124899	42.470	ng	98
4) n-Nitrosodimethylamine	3.90	42	63302	45.373	ng	97
6) Aniline	7.47	93	183451	39.467	ng	97
8) 2-Chlorophenol	7.70	128	115220	39.914	ng	99
9) Benzaldehyde	7.29	77	81850	35.765	ng	96
10) Phenol	7.32	94	154522	40.204	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	122274	40.804	ng	97
12) 1,3-Dichlorobenzene	8.03	146	136166	41.708	ng	97
13) 1,4-Dichlorobenzene	8.18	146	135471	40.738	ng	99
14) 1,2-Dichlorobenzene	8.50	146	129298	40.242	ng	98
15) Benzyl Alcohol	8.39	79	113227	40.232	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	250440	41.787	ng	99
17) 2-Methylphenol	8.58	107	99015	40.402	ng	94
18) Hexachloroethane	9.23	117	49813	41.747	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	99766	39.068	ng	# 97
20) 3+4-Methylphenols	8.91	107	136768	40.171	ng	99
22) Acetophenone	8.97	105	195557	39.321	ng	# 98
24) Nitrobenzene	9.37	77	149189	41.508	ng	97
25) Isophorone	9.88	82	281367	39.194	ng	99
26) 2-Nitrophenol	10.08	139	72129	41.564	ng	# 92
27) 2,4-Dimethylphenol	10.11	122	109125	40.432	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	171885	39.400	ng	98
29) 2,4-Dichlorophenol	10.61	162	126045	41.480	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	138845	40.605	ng	96
31) Naphthalene	11.02	128	383783	39.119	ng	99
32) Benzoic acid	10.25	122	58606	33.876	ng	87
33) 4-Chloroaniline	11.13	127	167107	40.169	ng	97
34) Hexachlorobutadiene	11.28	225	98328	42.082	ng	96
35) Caprolactam	11.92	113	44580	38.405	ng	98
36) 4-Chloro-3-methylphenol	12.23	107	140583	40.359	ng	99
37) 2-Methylnaphthalene	12.61	142	290716	39.635	ng	97
38) 1-Methylnaphthalene	12.83	142	279532	39.216	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	169380	41.109	ng	99

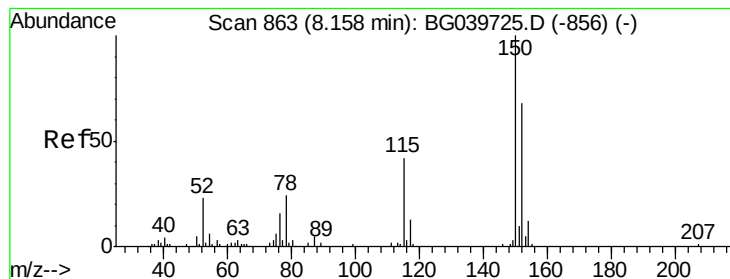
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	88536	40.097	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	102254	42.390	ng	97
44) 2,4,5-Trichlorophenol	13.28	196	112165	41.252	ng	97
46) 1,1'-Biphenyl	13.61	154	400079	39.995	ng	100
47) 2-Chloronaphthalene	13.65	162	300192	39.891	ng	99
48) 2-Nitroaniline	13.87	65	105304	43.543	ng	97
49) Acenaphthylene	14.50	152	489883	39.655	ng	99
50) Dimethylphthalate	14.22	163	386312	37.986	ng	100
51) 2,6-Dinitrotoluene	14.35	165	88323	40.967	ng	98
52) Acenaphthene	14.84	154	291568	39.214	ng	97
53) 3-Nitroaniline	14.68	138	87652	40.445	ng	# 95
54) 2,4-Dinitrophenol	14.89	184	55268	43.235	ng	95
55) Dibenzofuran	15.17	168	478363	39.213	ng	98
56) 4-Nitrophenol	14.98	139	80978	41.769	ng	92
57) 2,4-Dinitrotoluene	15.14	165	124105	40.967	ng	# 88
58) Fluorene	15.82	166	372437	38.835	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	108455	40.843	ng	97
60) Diethylphthalate	15.57	149	391222	38.860	ng	96
61) 4-Chlorophenyl-phenylether	15.80	204	198994	38.885	ng	98
62) 4-Nitroaniline	15.85	138	94818	40.357	ng	98
63) Azobenzene	16.09	77	370336	40.581	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	59600	35.599	ng	97
66) n-Nitrosodiphenylamine	16.02	169	334173	40.765	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	130562	41.193	ng	98
68) Hexachlorobenzene	16.81	284	134071	40.808	ng	95
69) Atrazine	16.96	200	116403	36.080	ng	96
70) Pentachlorophenol	17.16	266	93182	44.909	ng	97
71) Phenanthrene	17.56	178	618534	39.658	ng	99
72) Anthracene	17.65	178	607174	39.949	ng	99
73) Carbazole	17.92	167	540789	39.468	ng	97
74) Di-n-butylphthalate	18.45	149	649290	40.276	ng	100
75) Fluoranthene	19.56	202	725723	39.372	ng	98
77) Benzidine	19.74	184	363697	41.130	ng	98
78) Pyrene	19.92	202	732166	40.435	ng	99
80) Butylbenzylphthalate	20.79	149	293742	41.872	ng	98
81) Benzo(a)anthracene	21.79	228	701544	40.170	ng	100
82) 3,3'-Dichlorobenzidine	21.70	252	254679	39.943	ng	98
83) Chrysene	21.85	228	682140	40.289	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	416696	42.269	ng	98
85) Di-n-octyl phthalate	22.90	149	698538	42.795	ng	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	771607	40.172	ng	97
88) Benzo(b)fluoranthene	24.09	252	681859	39.647	ng	99
89) Benzo(k)fluoranthene	24.16	252	636035	39.730	ng	98
90) Benzo(a)pyrene	25.01	252	647639	40.753	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	618140	39.676	ng	97
92) Benzo(g,h,i)perylene	30.25	276	622590	39.789	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

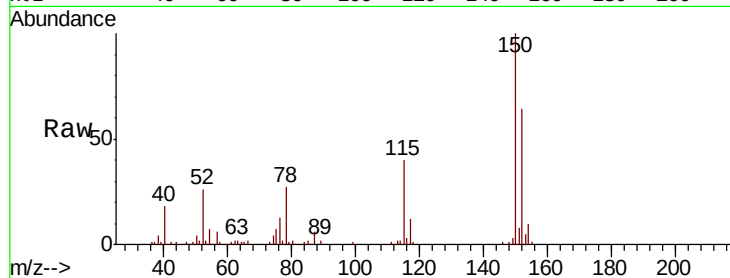
Tgt Ion:152 Resp: 40593

Ion Ratio Lower Upper

152 100

150 157.4 123.7 185.5

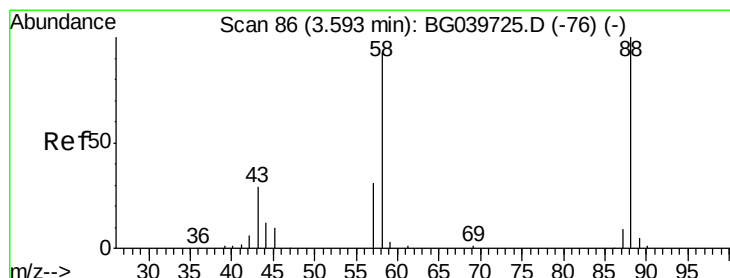
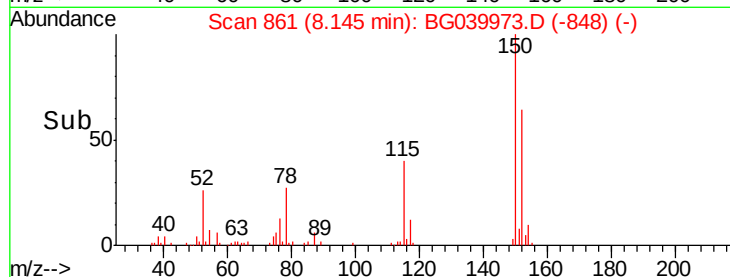
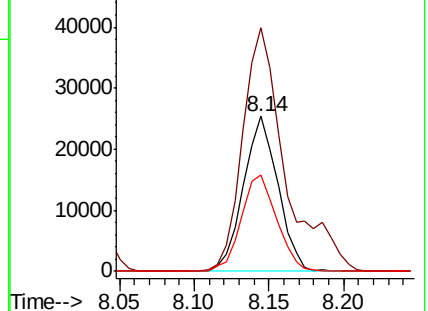
115 62.4 45.9 68.9



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: 39.671 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

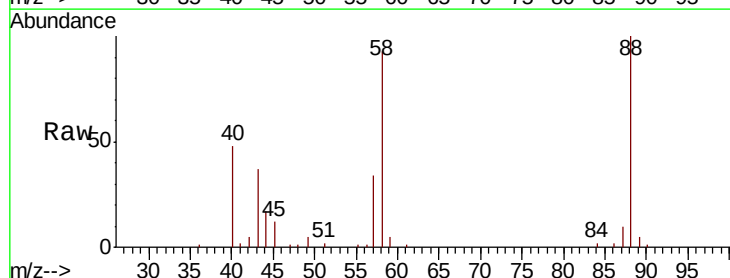
Tgt Ion: 88 Resp: 43579

Ion Ratio Lower Upper

88 100

58 97.0 81.1 121.7

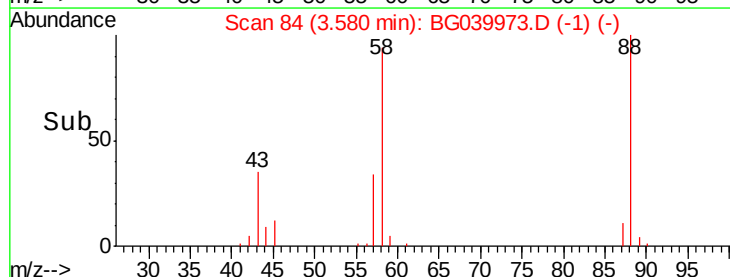
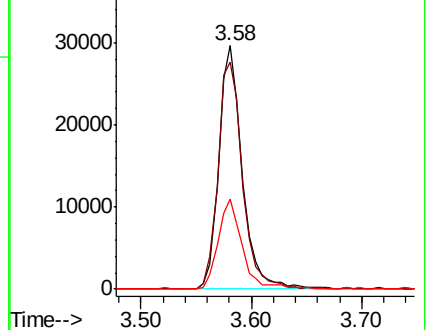
43 37.8 31.4 47.0

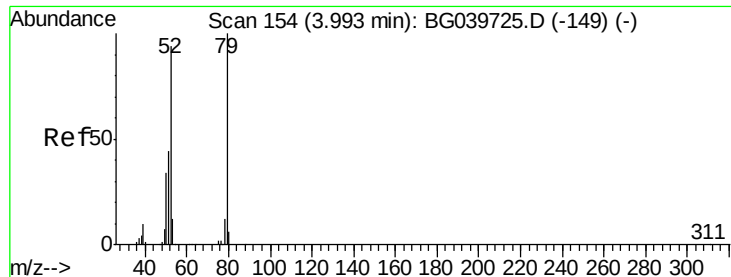


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 42.470 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

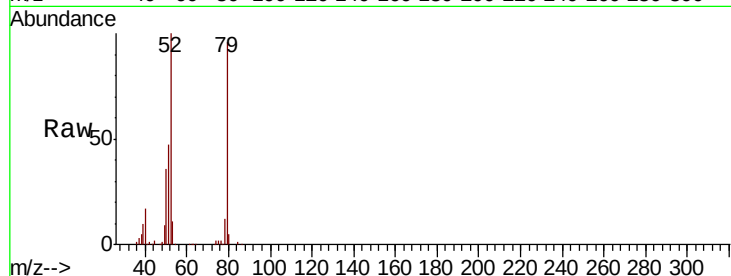
Tgt Ion: 79 Resp: 124899

Ion Ratio Lower Upper

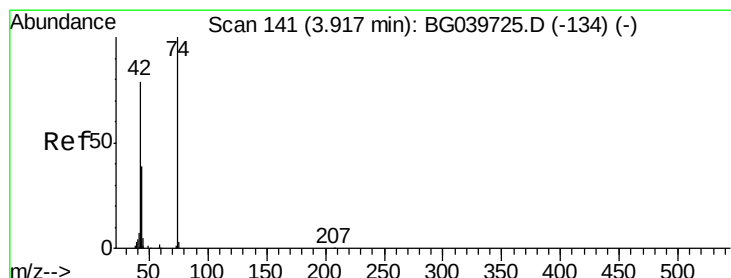
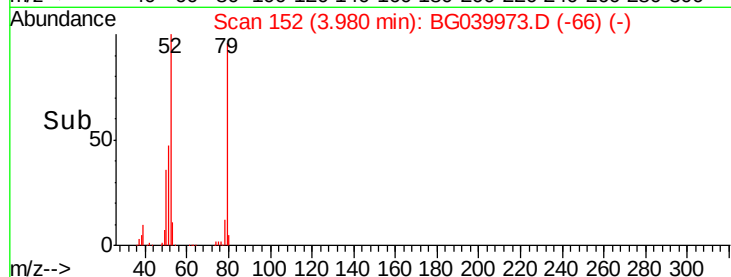
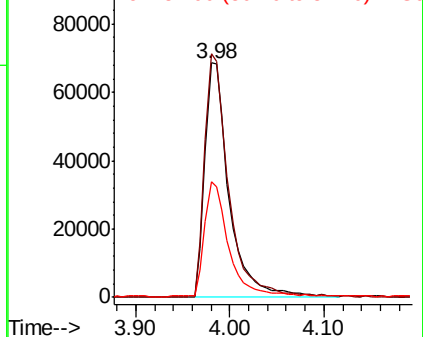
79 100

52 104.0 82.6 124.0

51 49.3 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: 45.373 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

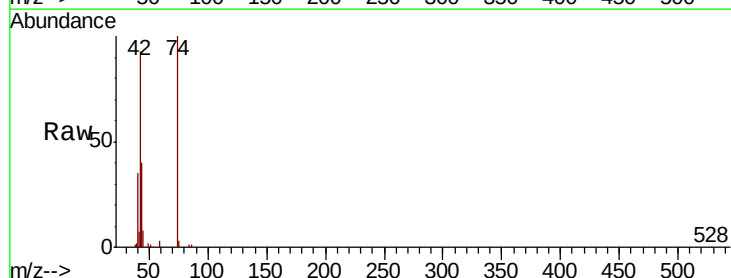
Tgt Ion: 42 Resp: 63302

Ion Ratio Lower Upper

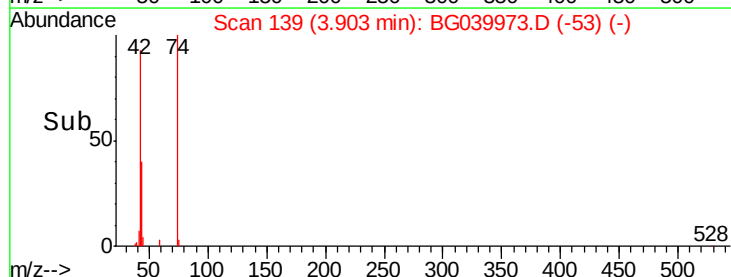
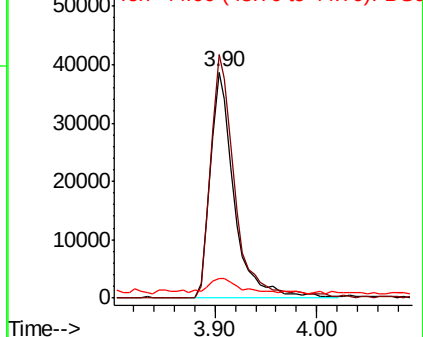
42 100

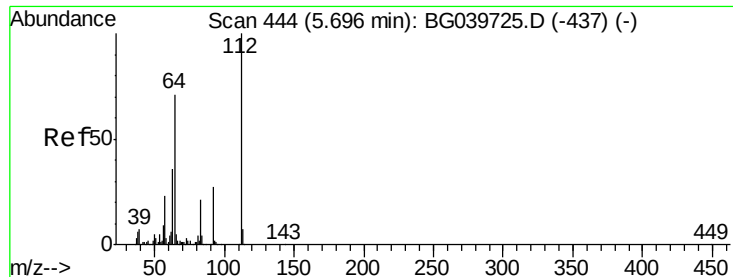
74 107.7 83.6 125.4

44 8.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 84.017 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039973.D

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SSTDCCC040

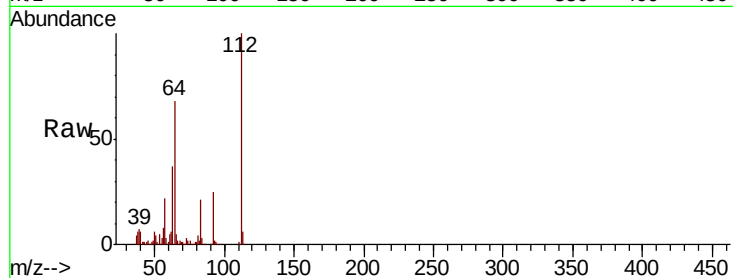
Tgt Ion: 112 Resp: 199911

Ion Ratio Lower Upper

112 100

64 68.4 57.8 86.8

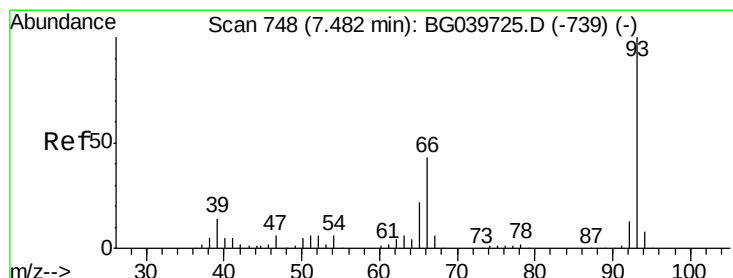
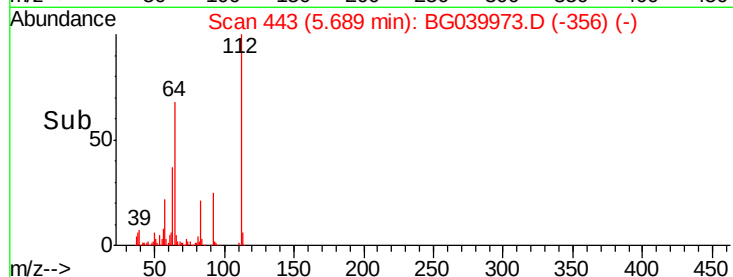
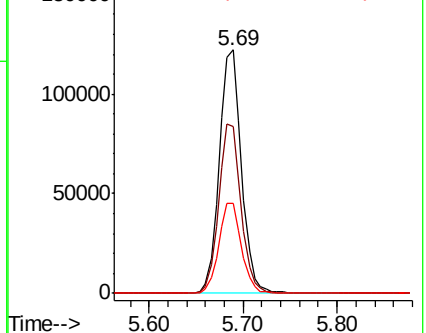
63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.467 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

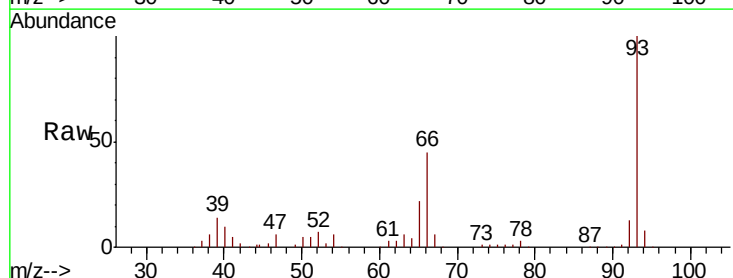
Tgt Ion: 93 Resp: 183451

Ion Ratio Lower Upper

93 100

66 45.2 34.2 51.4

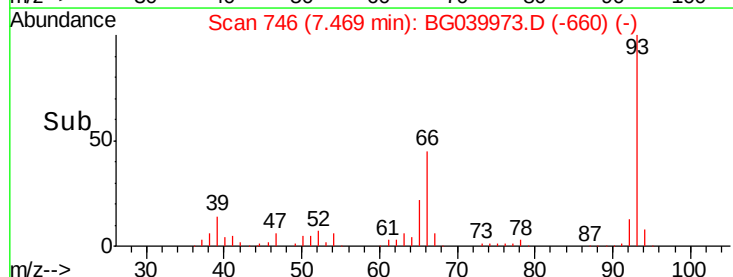
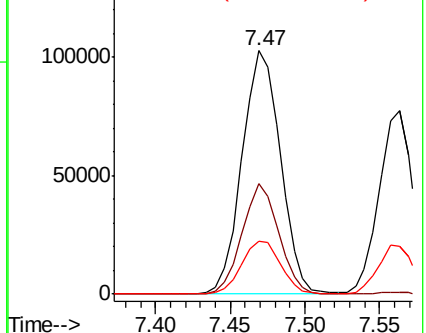
65 21.9 17.7 26.5

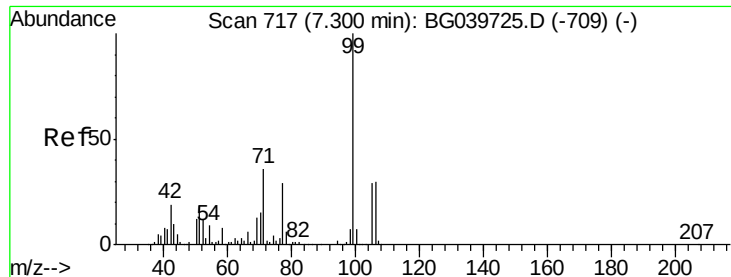


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.949 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039973.D

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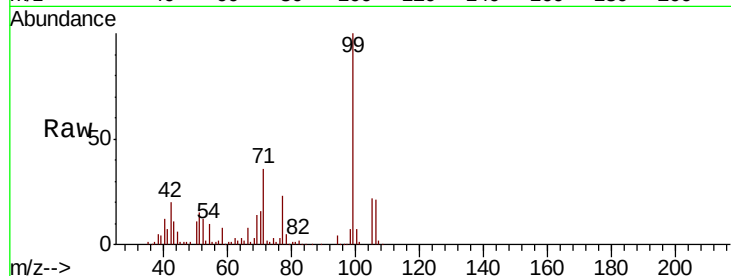
Tgt Ion: 99 Resp: 290741

Ion Ratio Lower Upper

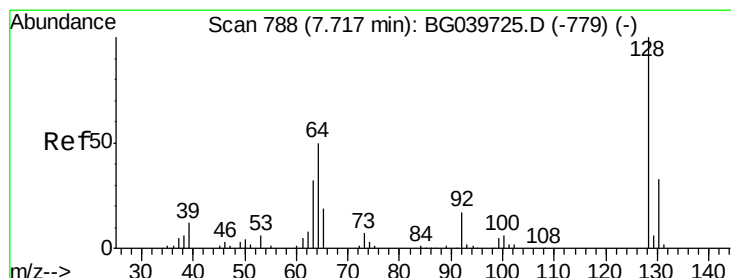
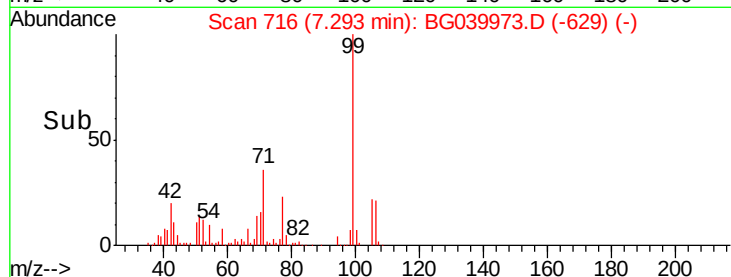
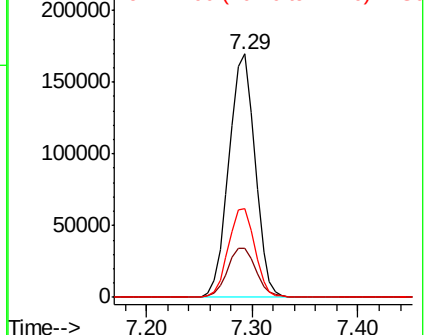
99 100

42 20.2 18.2 27.2

71 36.3 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: 39.914 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

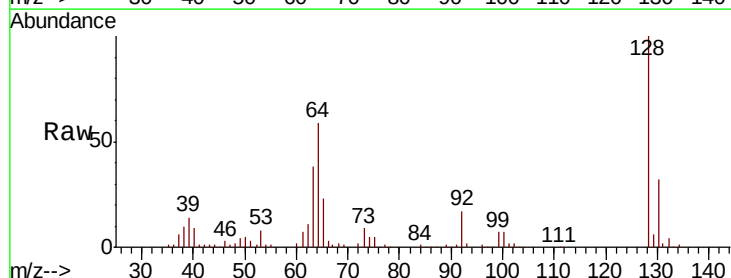
Tgt Ion: 128 Resp: 115220

Ion Ratio Lower Upper

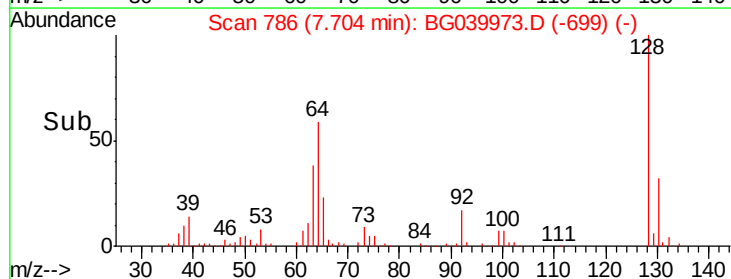
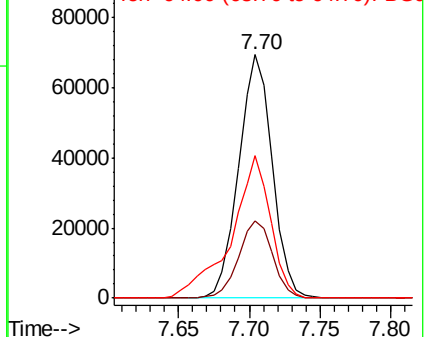
128 100

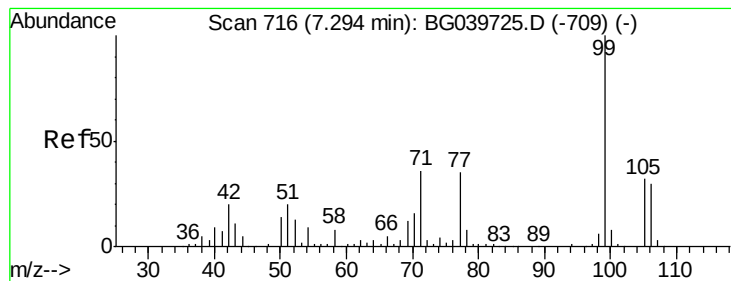
130 31.7 12.9 52.9

64 58.8 38.7 78.7



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





#9

Benzaldehyde

Concen: 35.765 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039973.D

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ClientSampleId :

SSTDCCC040

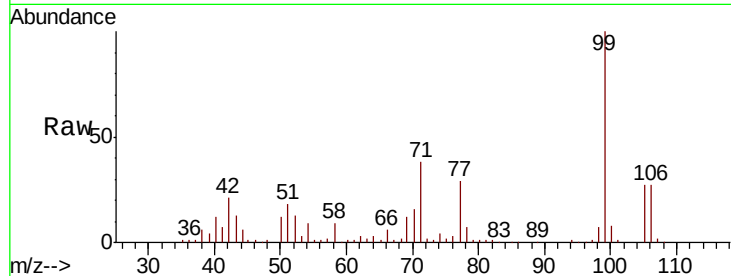
Tgt Ion: 77 Resp: 81850

Ion Ratio Lower Upper

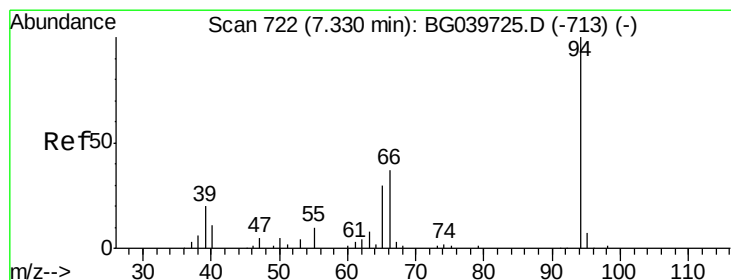
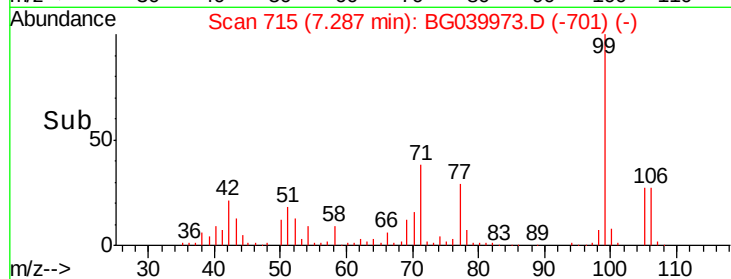
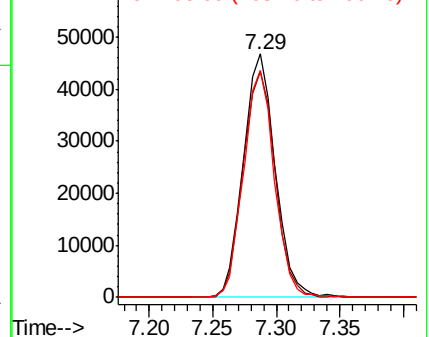
77 100

105 92.6 74.5 114.5

106 93.4 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: 40.204 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

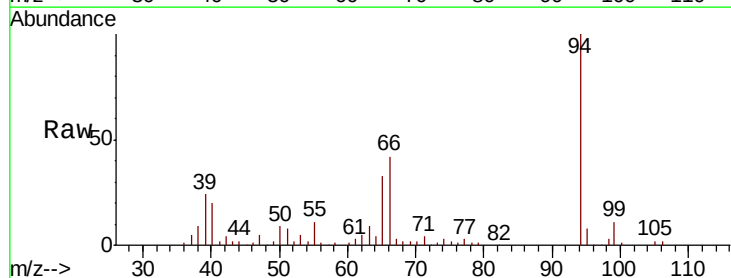
Tgt Ion: 94 Resp: 154522

Ion Ratio Lower Upper

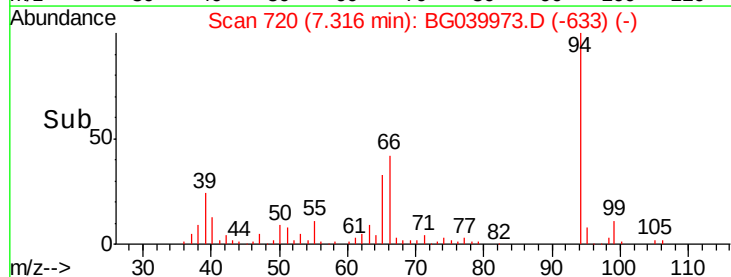
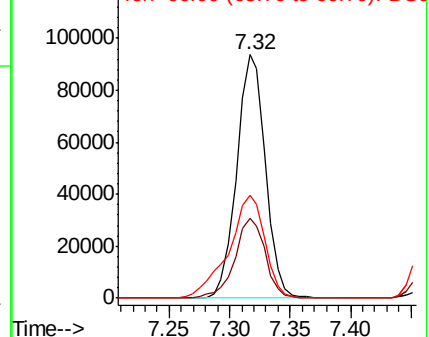
94 100

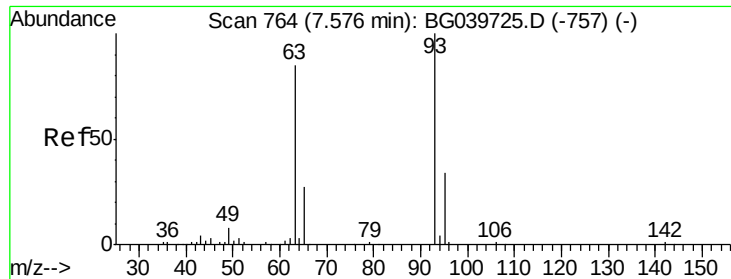
65 32.7 11.7 51.7

66 42.4 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

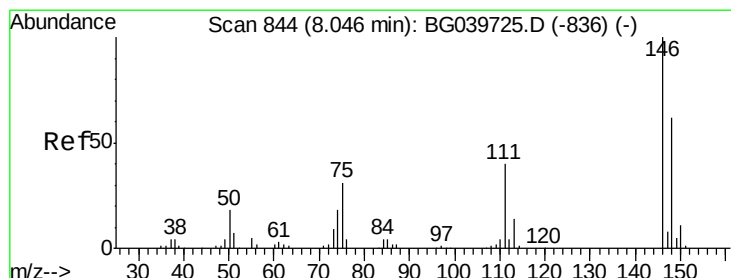
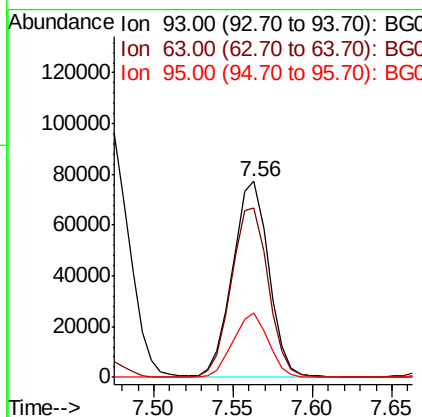
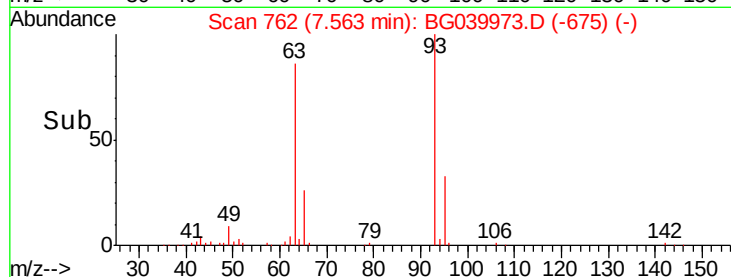
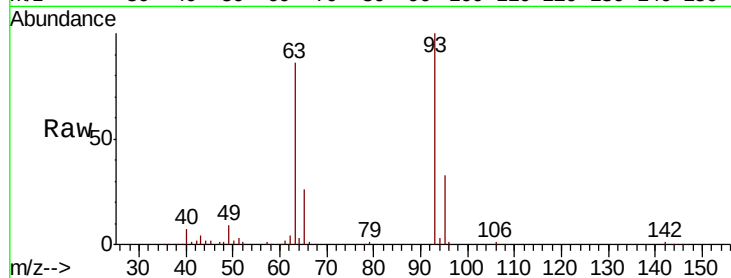




#11
bis(2-Chloroethyl)ether
Concen: 40.804 ng
RT: 7.56 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

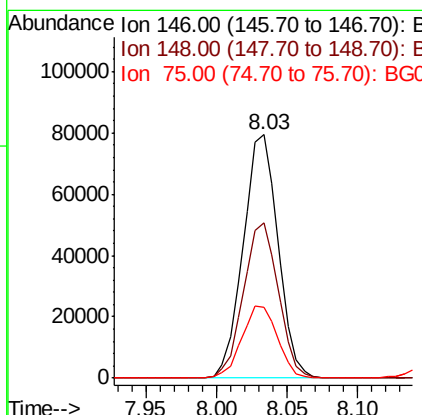
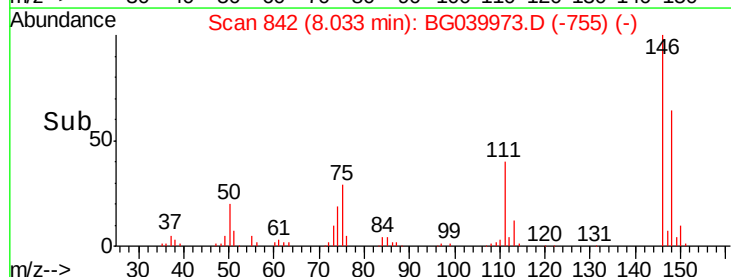
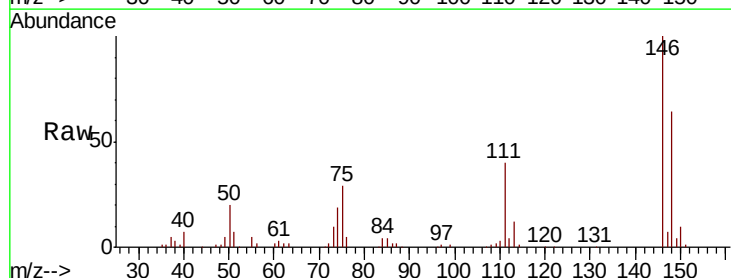
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

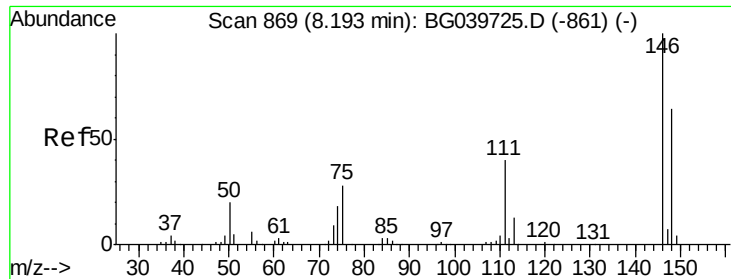
Tgt Ion: 93 Resp: 122274
Ion Ratio Lower Upper
93 100
63 86.1 69.5 109.5
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.708 ng
RT: 8.03 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion: 146 Resp: 136166
Ion Ratio Lower Upper
146 100
148 64.0 52.6 79.0
75 29.0 25.8 38.6

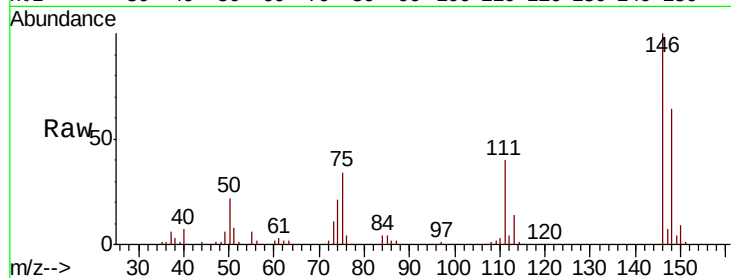




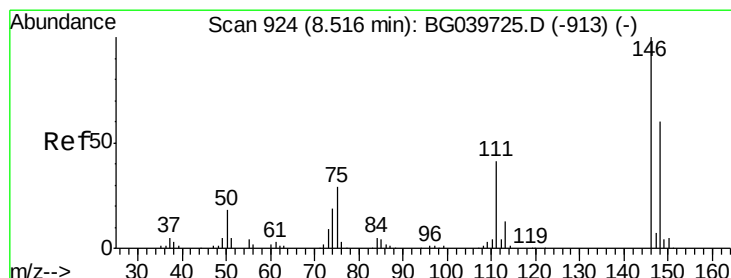
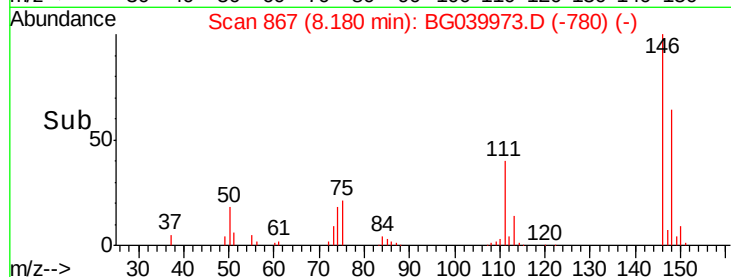
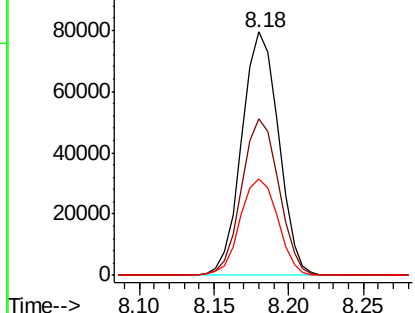
#13
 1,4-Dichlorobenzene
 Concen: 40.738 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion:146 Resp: 135471
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 39.7 32.6 48.8

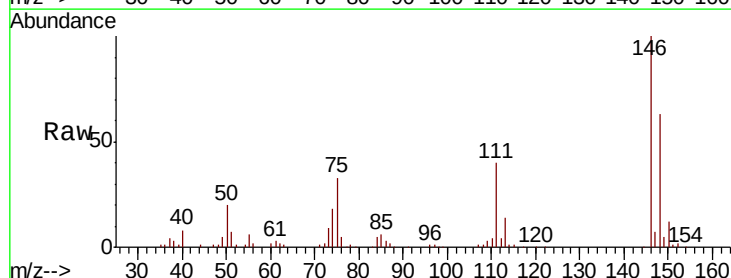


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

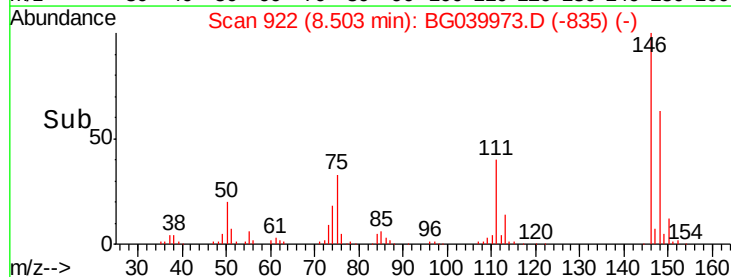
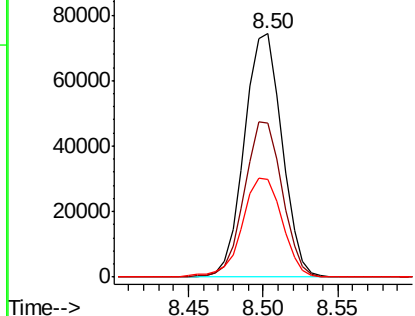


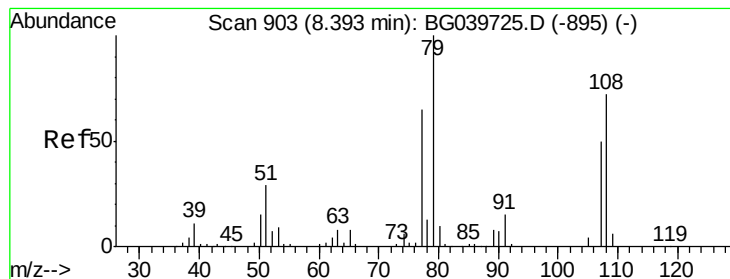
#14
 1,2-Dichlorobenzene
 Concen: 40.242 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:146 Resp: 129298
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.5 77.3
 111 40.2 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 40.232 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

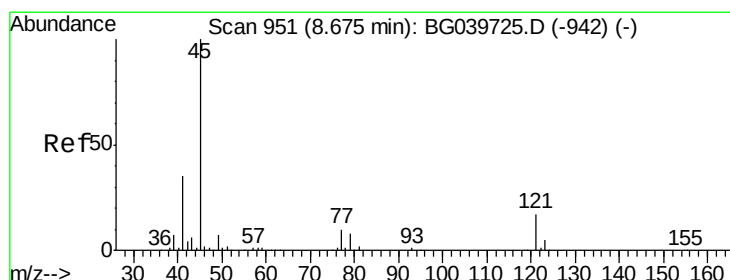
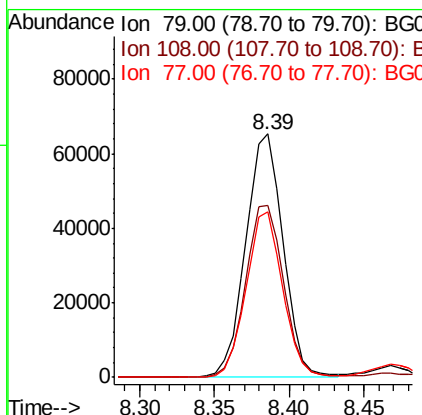
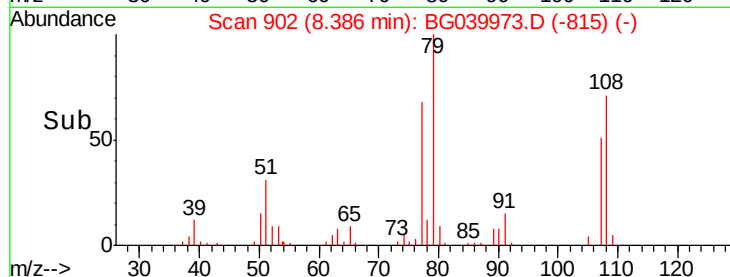
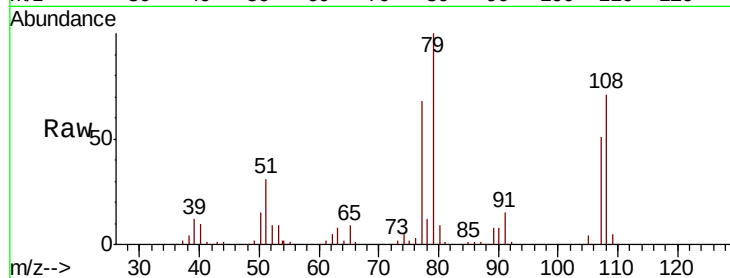
Tgt Ion: 79 Resp: 113227

Ion Ratio Lower Upper

79 100

108 70.6 57.8 86.6

77 67.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.787 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

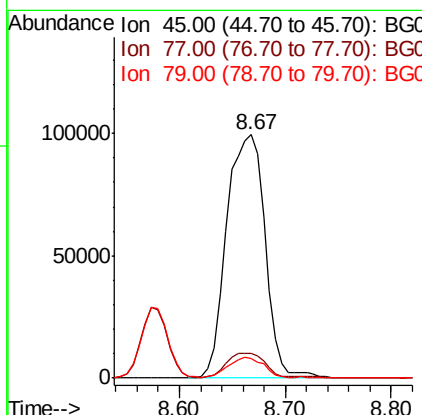
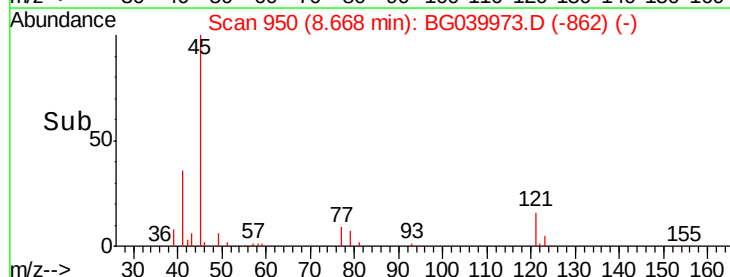
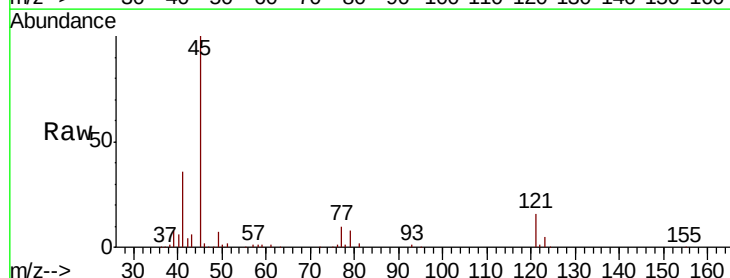
Tgt Ion: 45 Resp: 250440

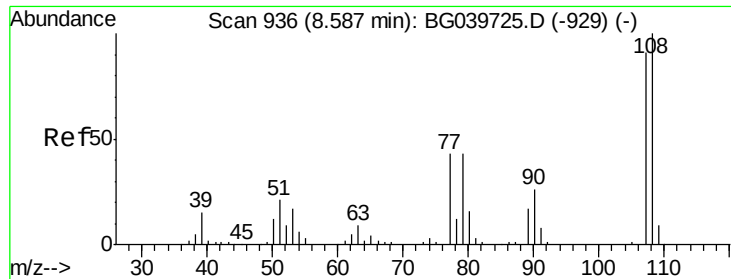
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

79 8.0 0.0 27.5

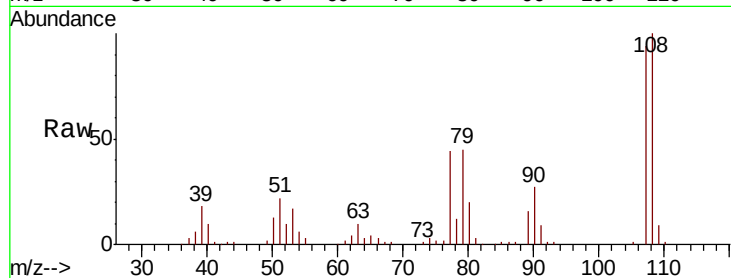




#17
2-Methylphenol
Concen: 40.402 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	99015
Ion	Ratio	Lower	Upper
107	100		
108	106.4	90.8	136.2
77	47.2	40.7	61.1
79	48.0	40.6	60.8



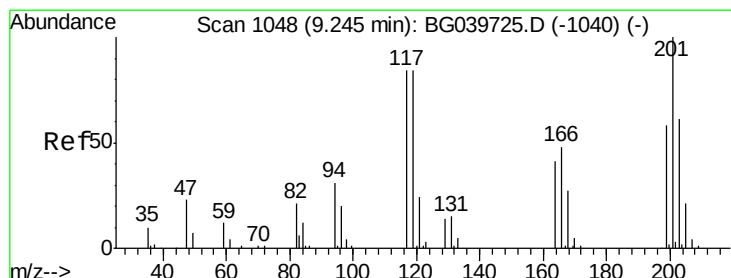
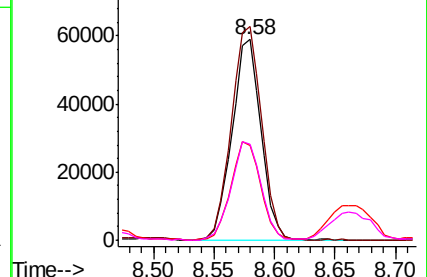
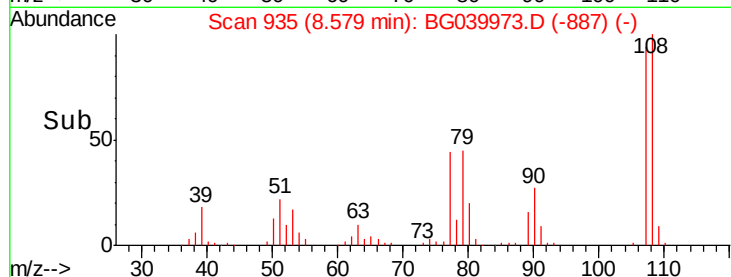
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

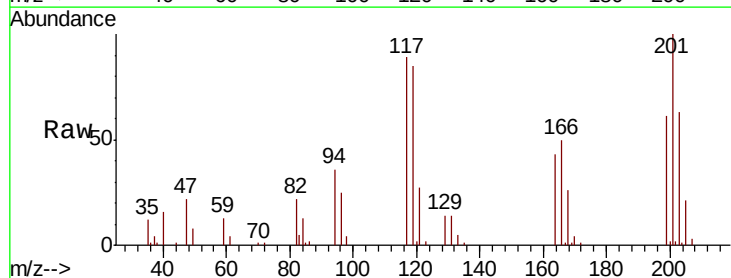
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.747 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:	117	Resp:	49813
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.3	114.5
201	112.6	91.1	136.7

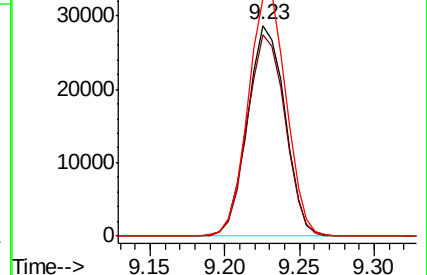
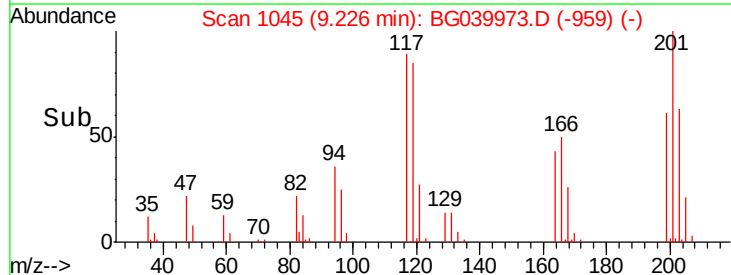


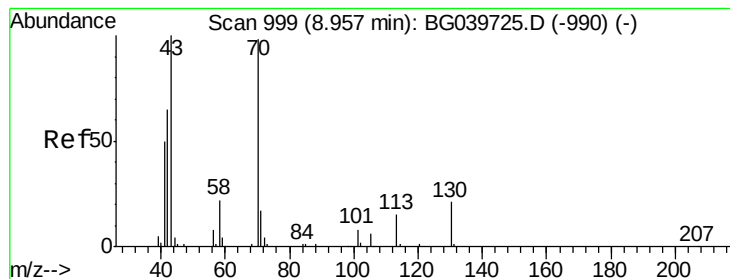
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.068 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

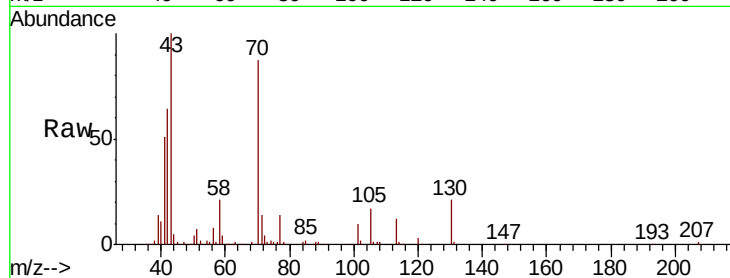
ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 99766

Ion Ratio Lower Upper

70	100		
42	73.7	60.4	90.6
101	11.4	7.5	11.3#
130	24.5	16.9	25.3



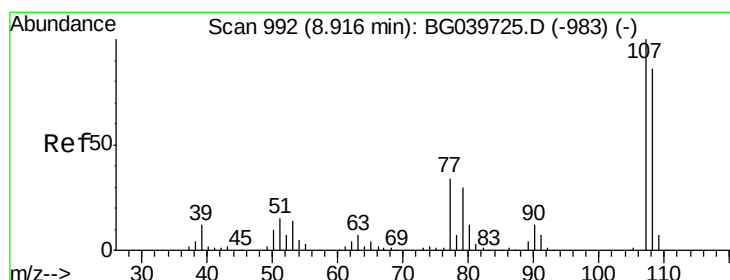
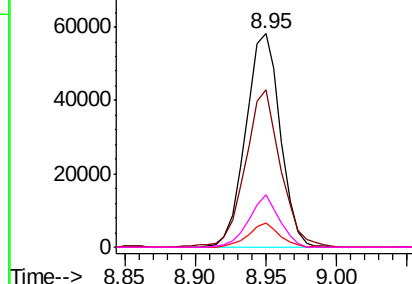
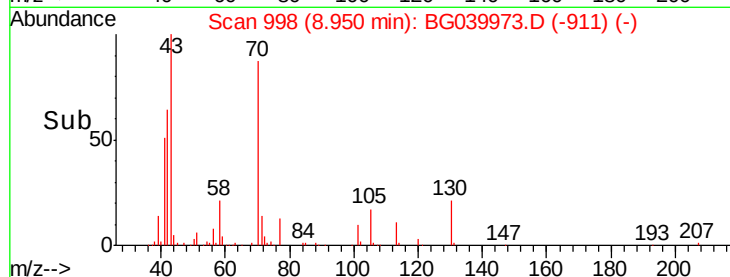
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 40.171 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

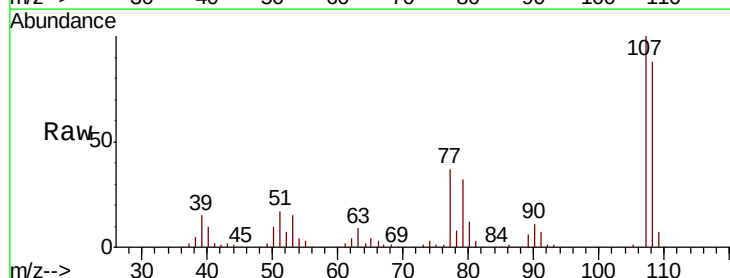
Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Tgt Ion: 107 Resp: 136768

Ion Ratio Lower Upper

107	100		
108	88.0	67.9	107.9
77	37.0	15.4	55.4
79	32.5	13.7	53.7



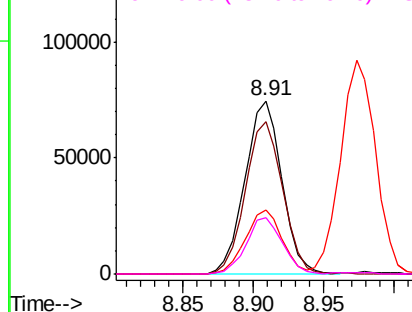
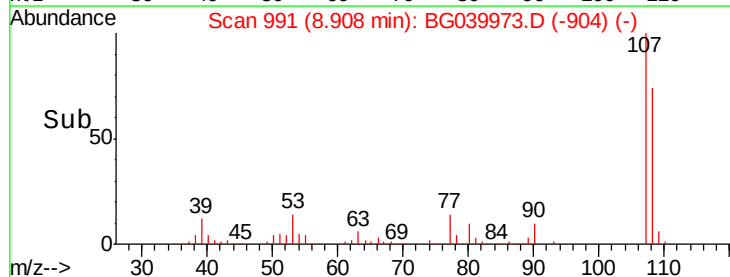
Abundance

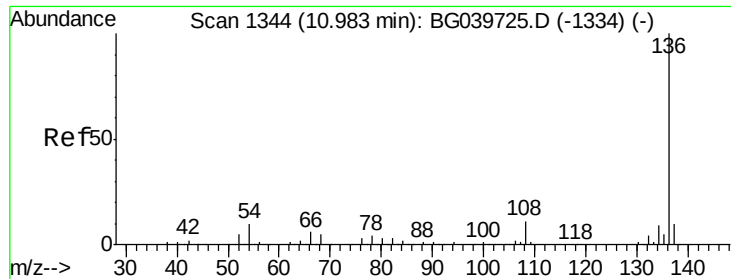
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

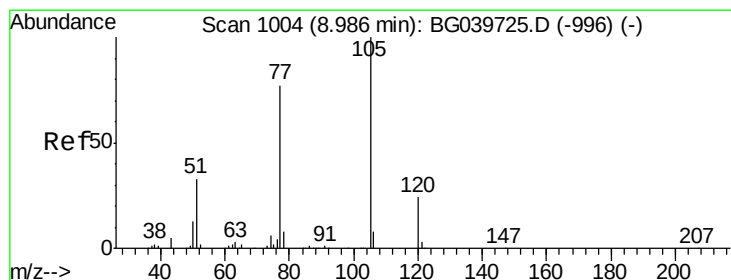
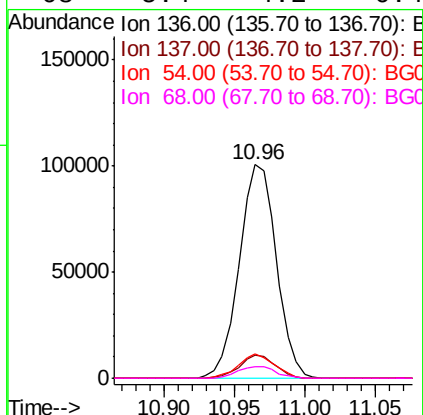
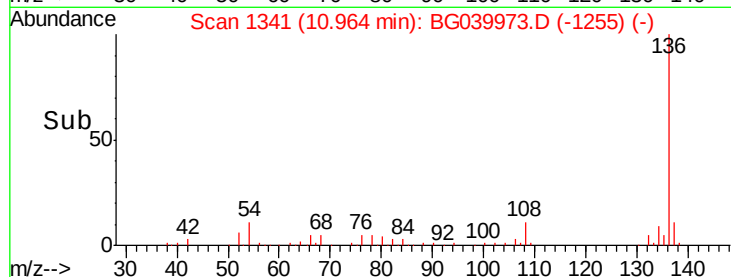
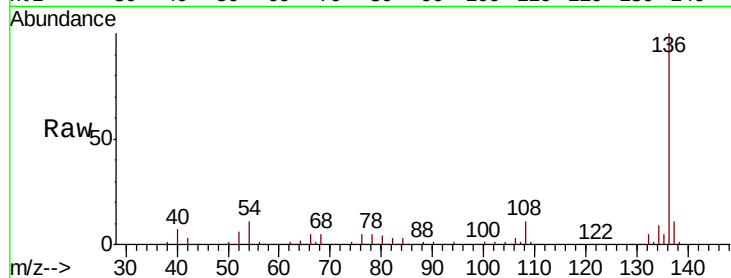




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

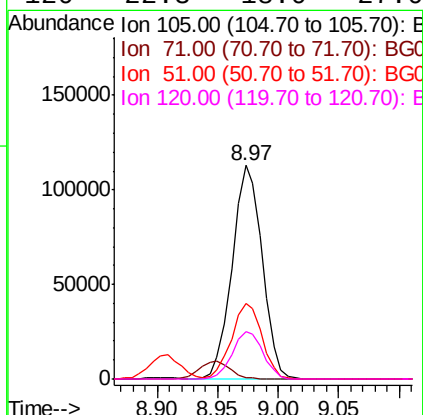
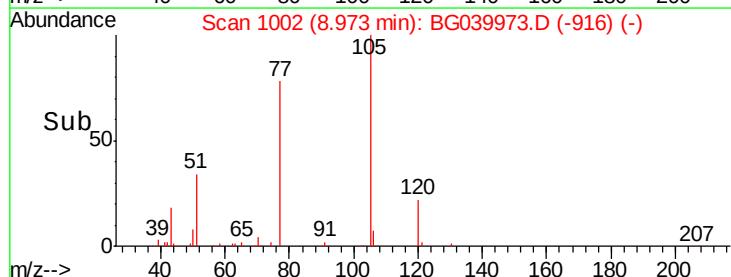
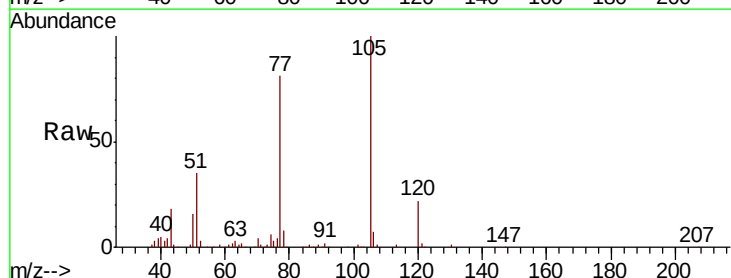
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

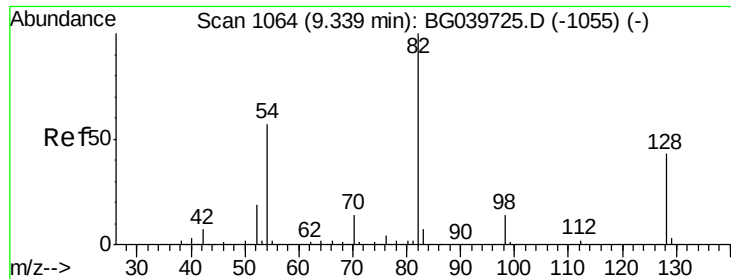
Tgt Ion:	136	Resp:	185297
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.3	9.4	14.2
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 39.321 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:	105	Resp:	195557
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	35.4	30.2	45.2
120	22.3	18.0	27.0

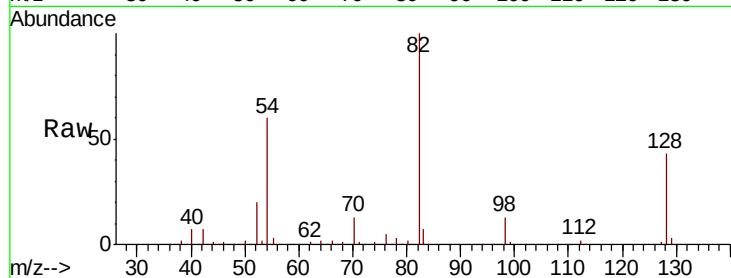




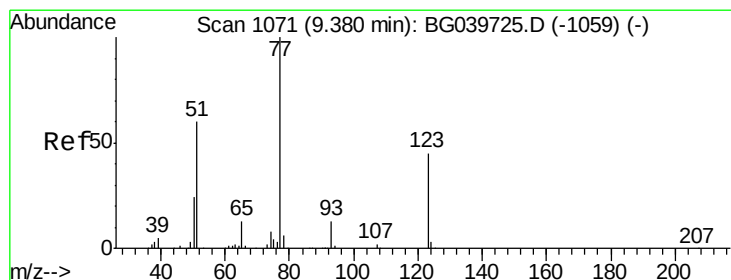
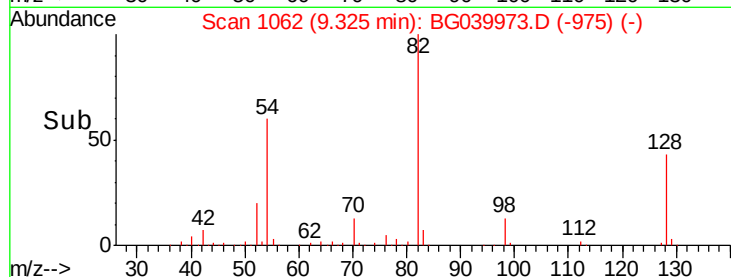
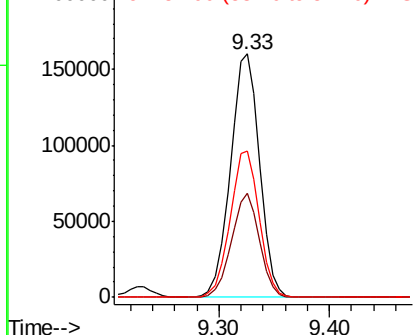
#23
Nitrobenzene-d5
Concen: 85.966 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 294527
Ion Ratio Lower Upper
82 100
128 42.8 31.3 46.9
54 60.1 50.9 76.3

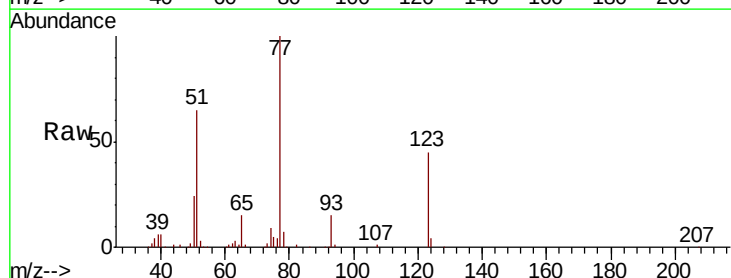


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

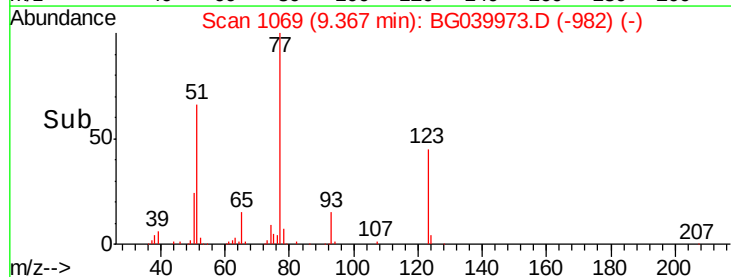
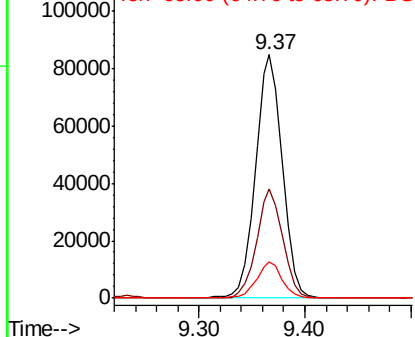


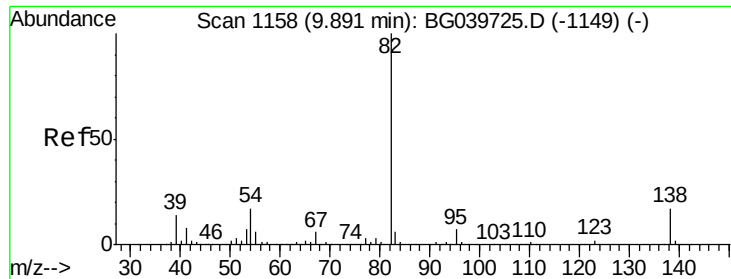
#24
Nitrobenzene
Concen: 41.508 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion: 77 Resp: 149189
Ion Ratio Lower Upper
77 100
123 45.0 34.1 51.1
65 14.9 12.3 18.5



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





#25

Isophorone

Concen: 39.194 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

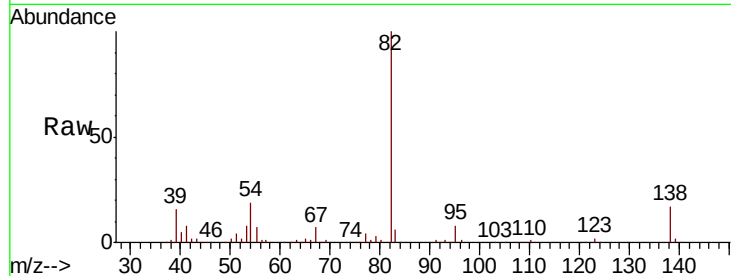
Tgt Ion: 82 Resp: 281367

Ion Ratio Lower Upper

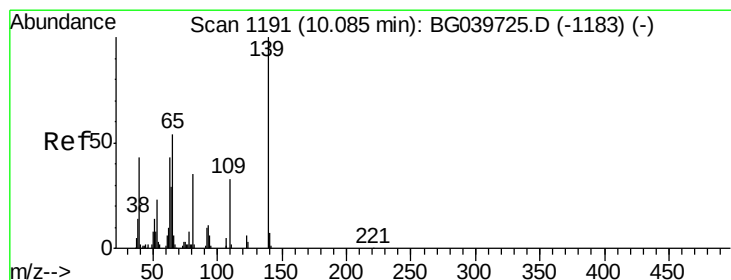
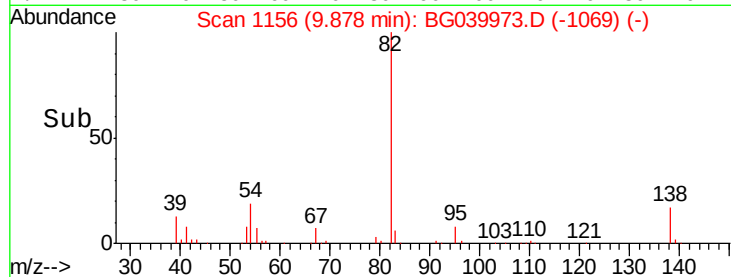
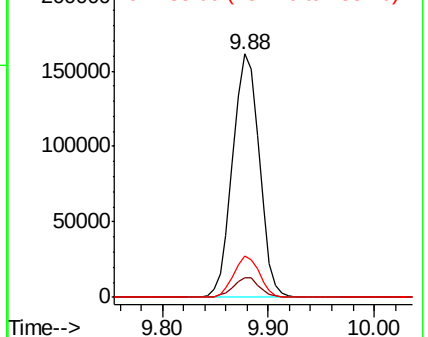
82 100

95 7.8 6.2 9.2

138 17.0 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: 41.564 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

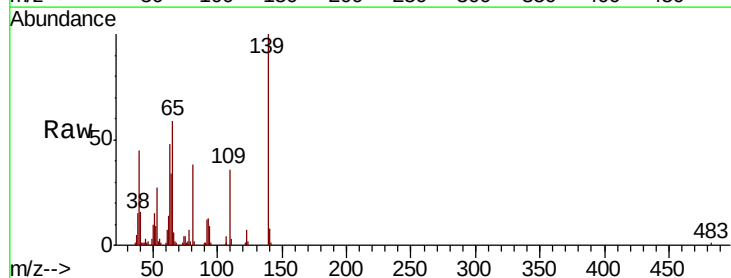
Tgt Ion: 139 Resp: 72129

Ion Ratio Lower Upper

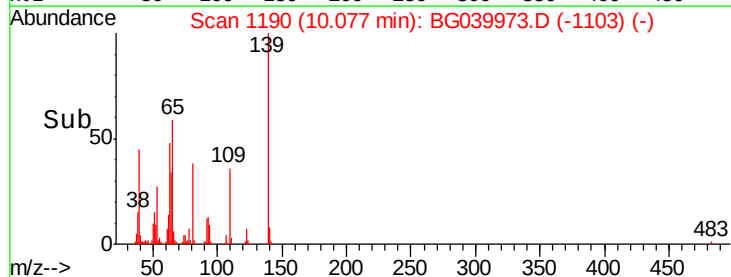
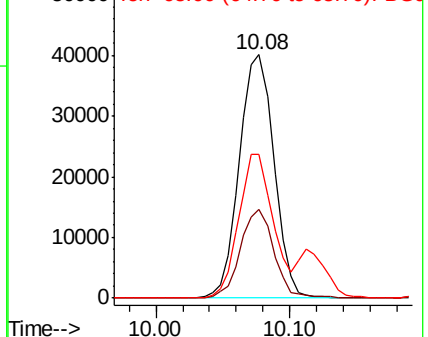
139 100

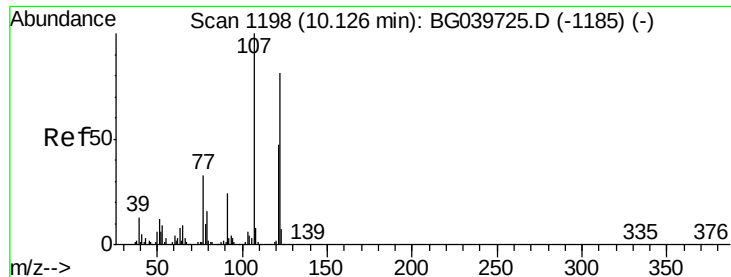
109 36.4 23.4 35.0#

65 59.2 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

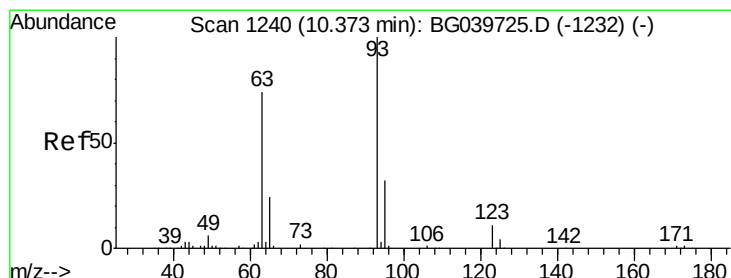
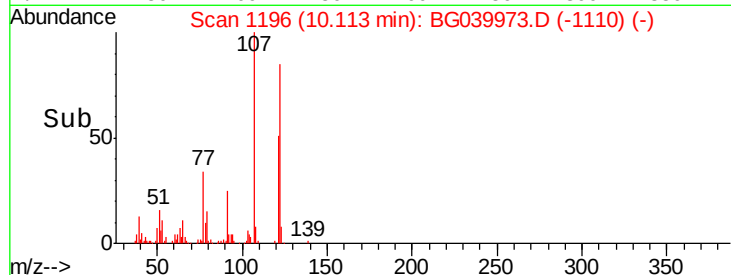
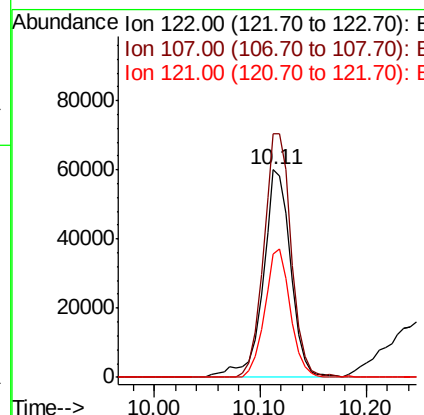
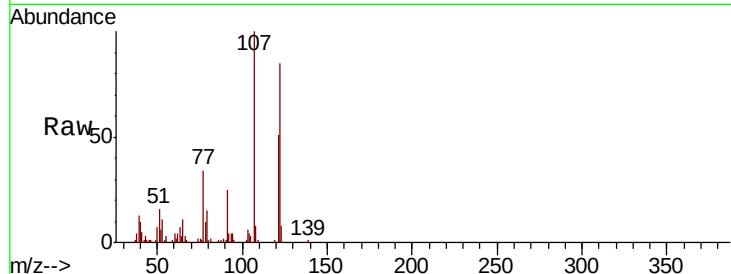




#27
2,4-Dimethylphenol
Concen: 40.432 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

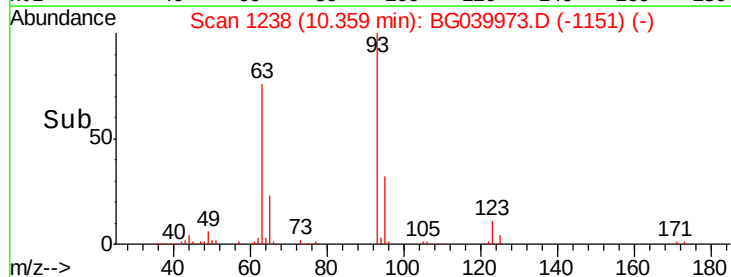
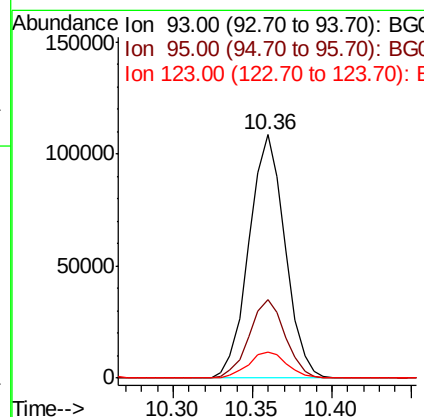
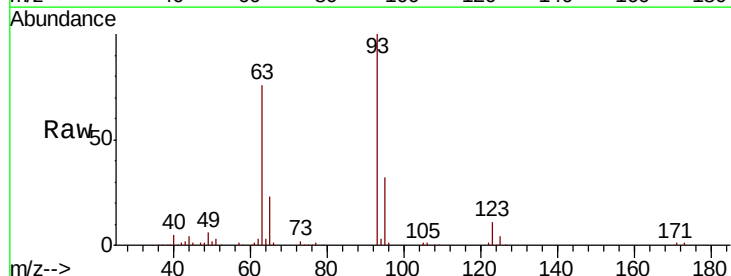
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

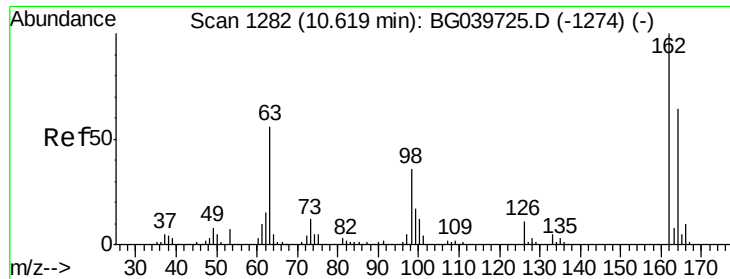
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.5	91.7	137.5
121	59.6	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.400 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.0	37.4
123	10.9	8.6	12.8

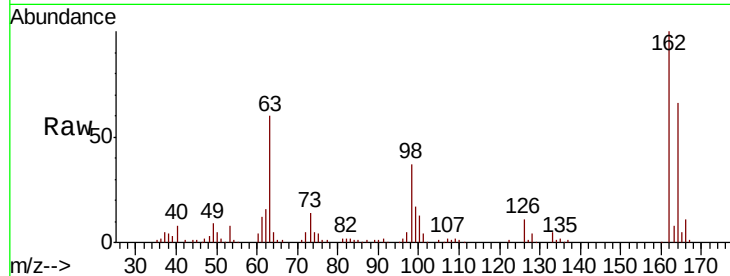




#29
 2,4-Dichlorophenol
 Concen: 41.480 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.1	88.1
98	37.3	18.1	58.1

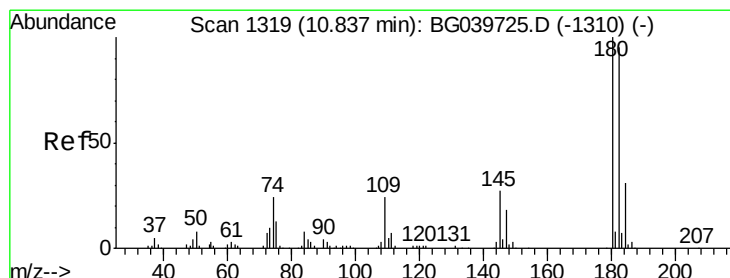
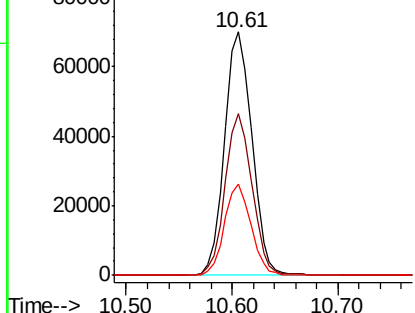
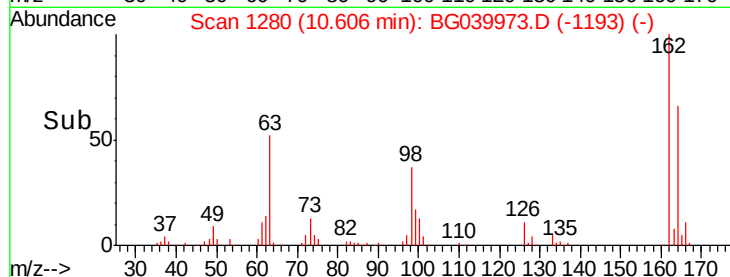


Abundance

Ion 162.00 (161.70 to 162.70): E

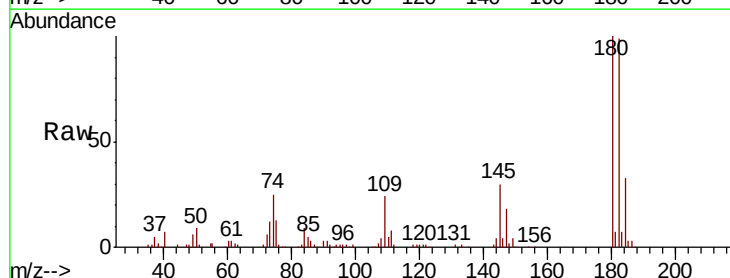
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.605 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.0	114.0
145	29.6	22.7	34.1

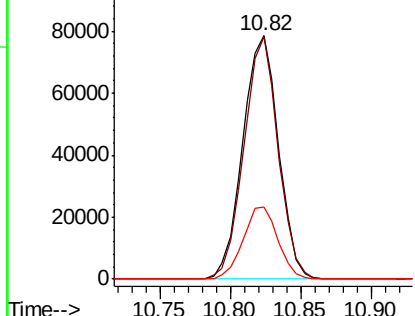
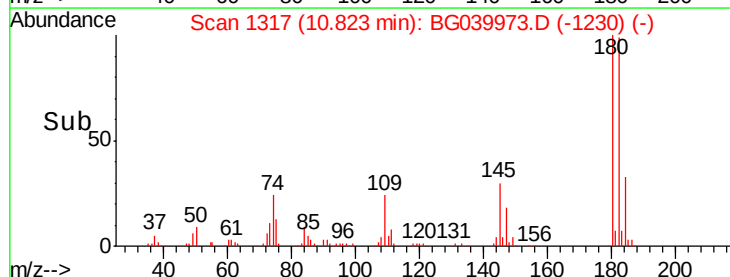


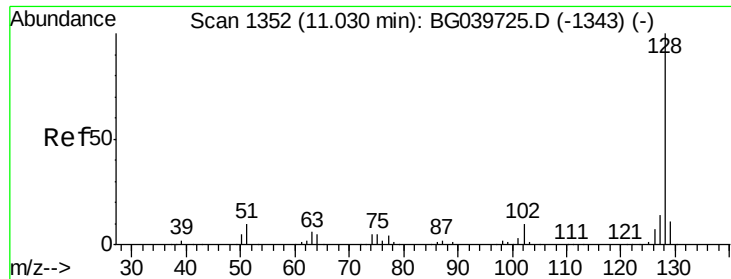
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

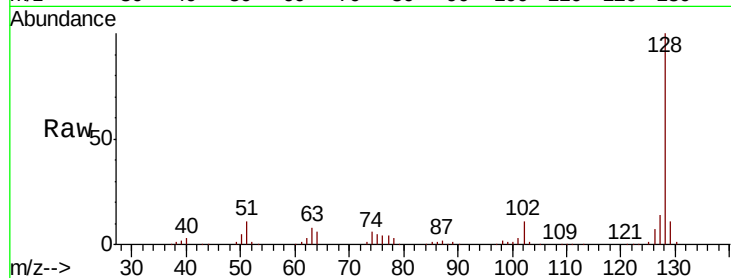




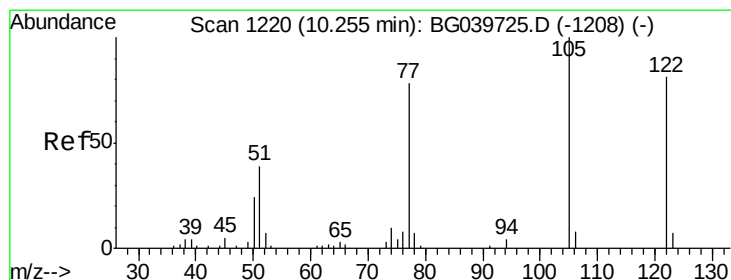
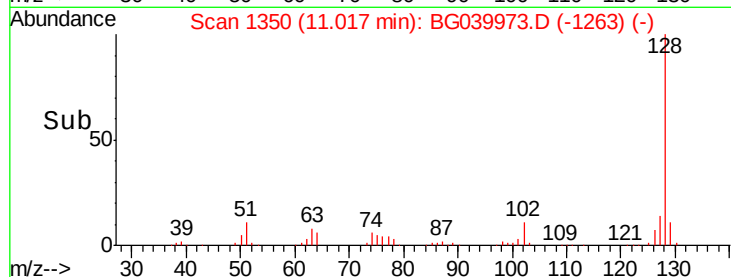
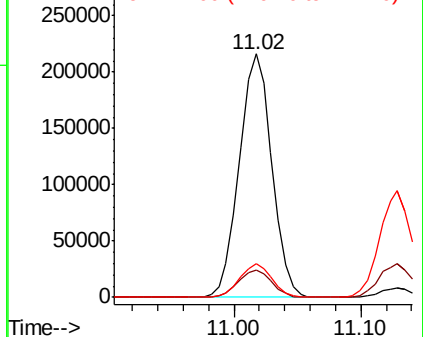
#31
Naphthalene
Concen: 39.119 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 383783
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.0 10.8 16.2

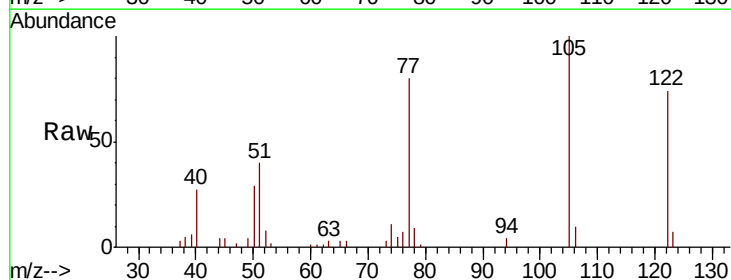


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

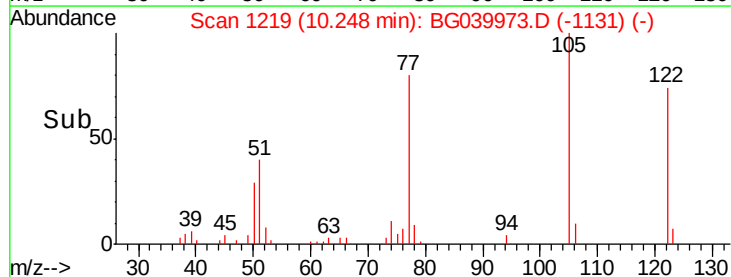
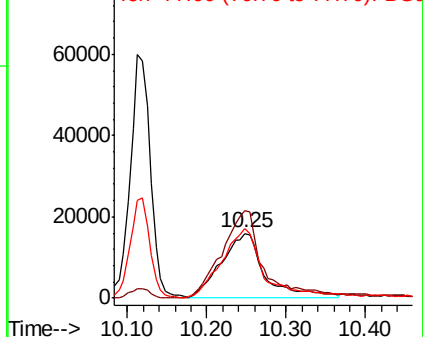


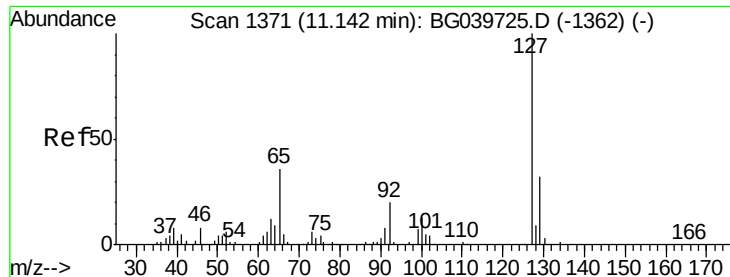
#32
Benzoic acid
Concen: 33.876 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:122 Resp: 58606
Ion Ratio Lower Upper
122 100
105 135.7 101.8 141.8
77 108.8 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): BGO

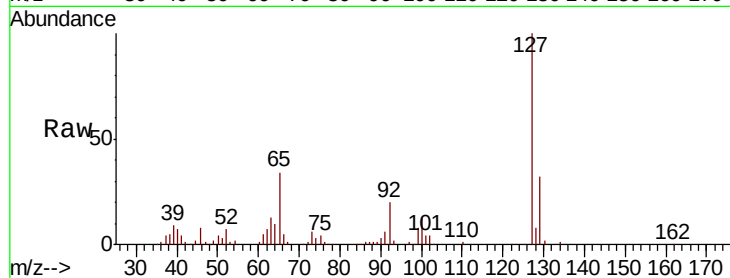




#33
4-Chloroaniline
Concen: 40.169 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	167107
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.0	40.4
65	34.1	28.8	43.2
92	19.5	16.6	25.0



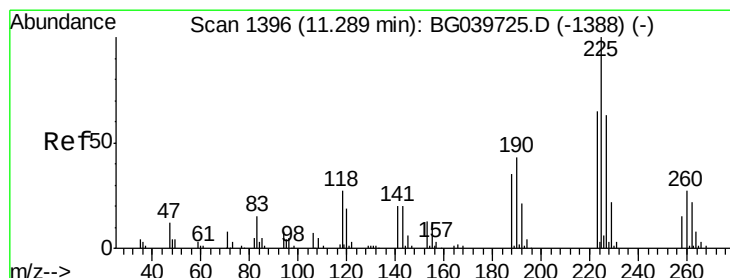
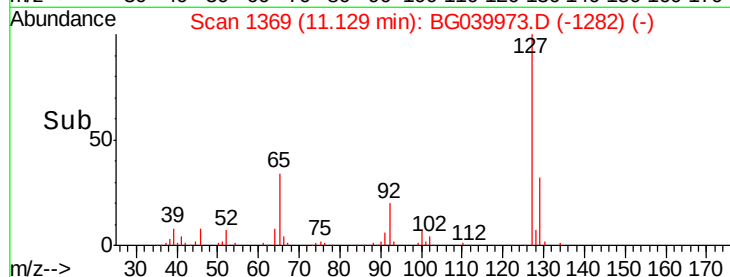
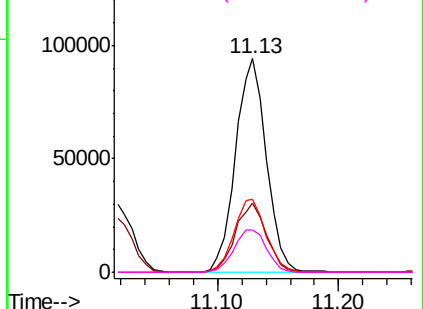
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

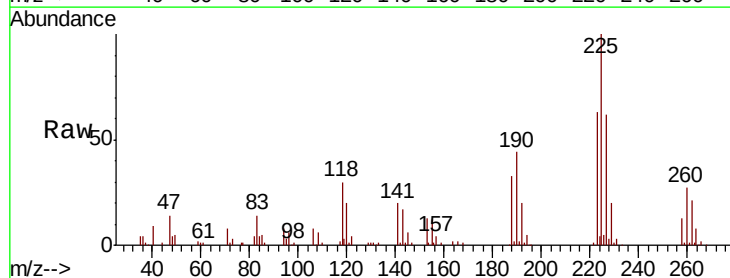
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.082 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:	225	Resp:	98328
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.0	73.6
227	62.3	46.3	69.5

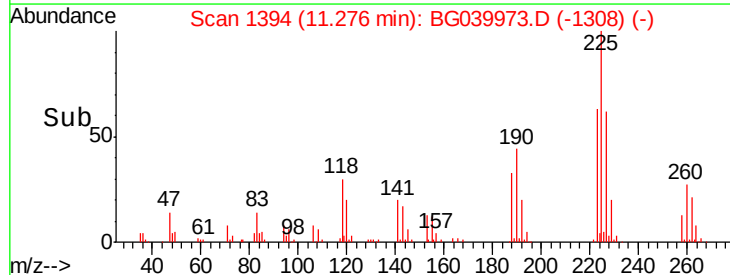
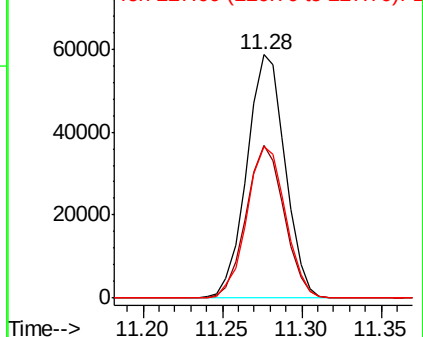


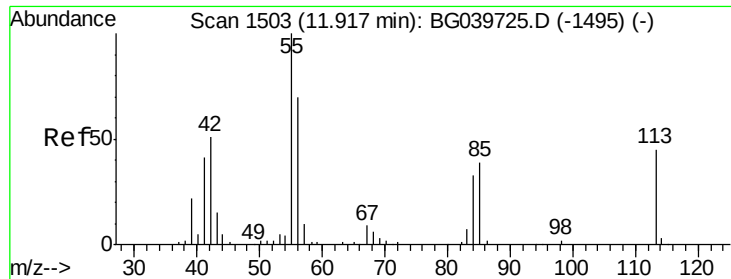
Abundance

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

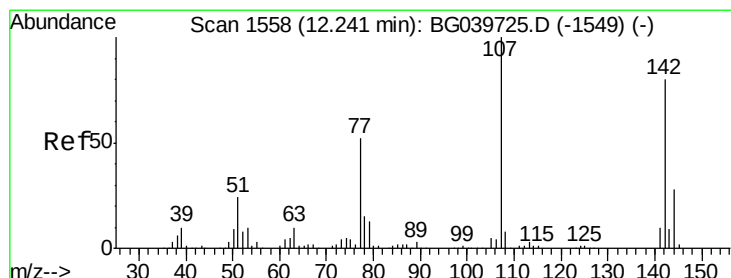
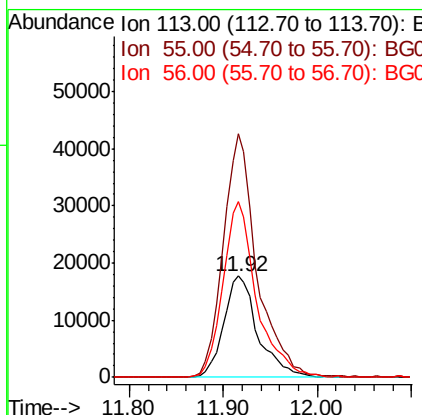
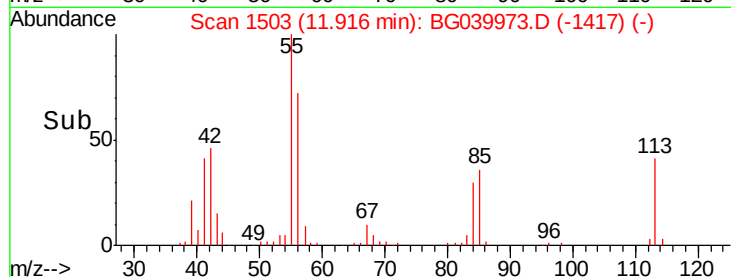
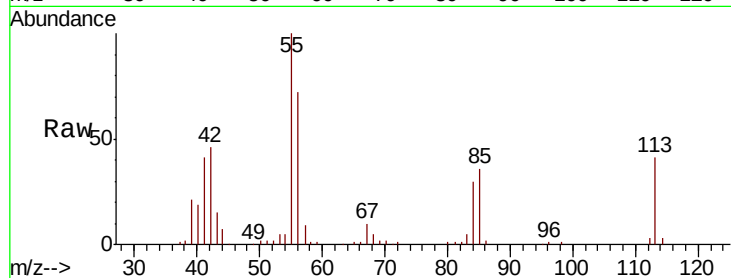




#35
 Caprolactam
 Concen: 38.405 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.03 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

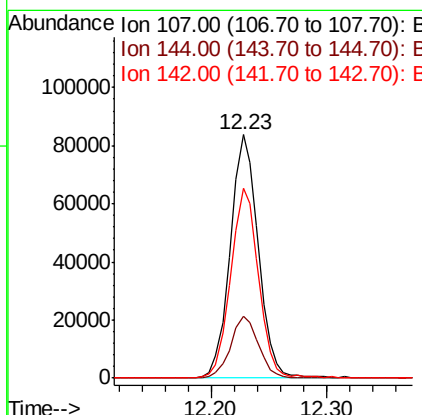
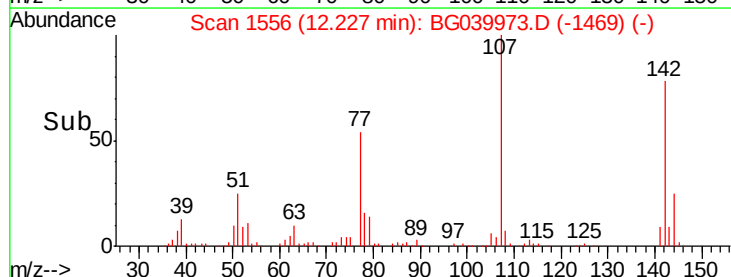
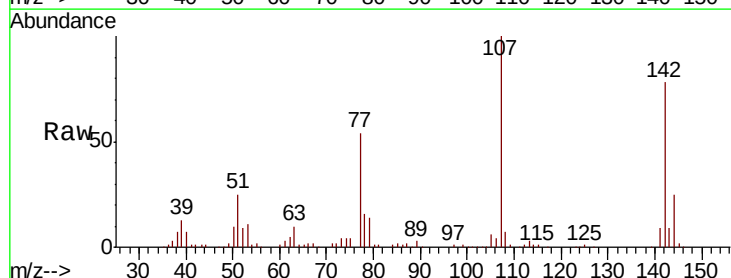
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

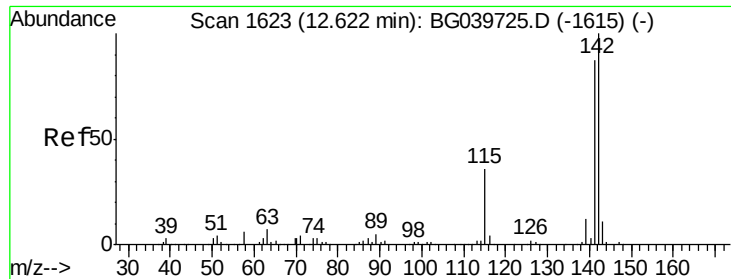
Tgt Ion:113 Resp: 44580
 Ion Ratio Lower Upper
 113 100
 55 241.3 216.9 256.9
 56 174.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.359 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:107 Resp: 140583
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 78.0 61.4 92.2

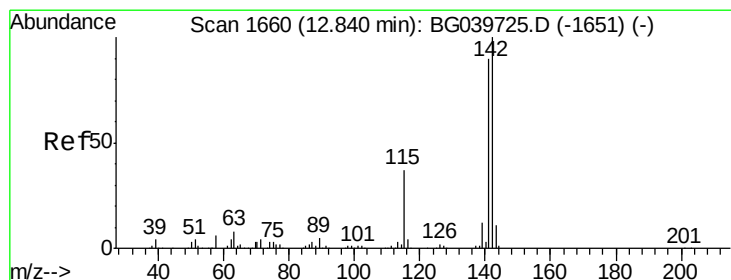
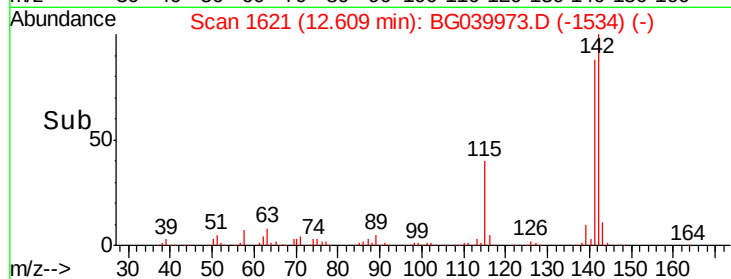
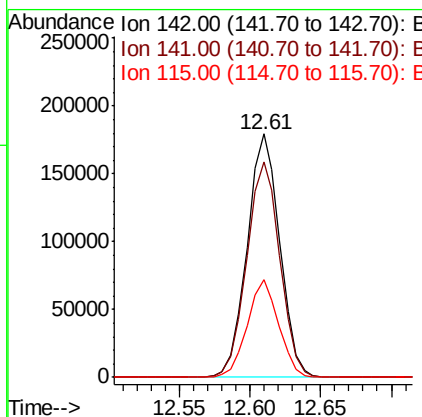
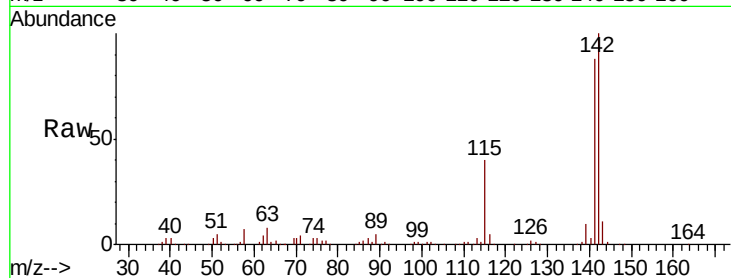




#37
2-Methylnaphthalene
Concen: 39.635 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

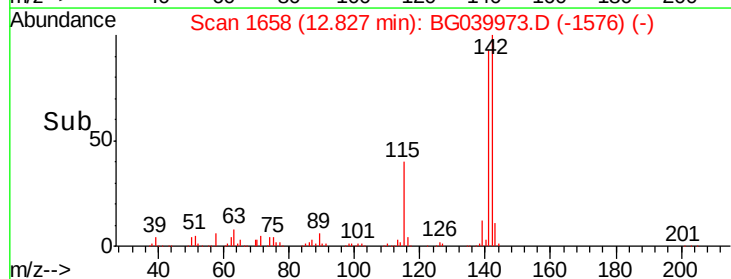
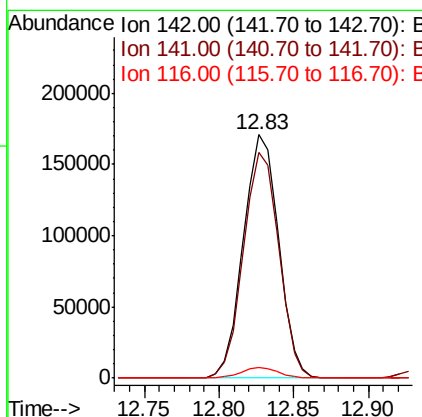
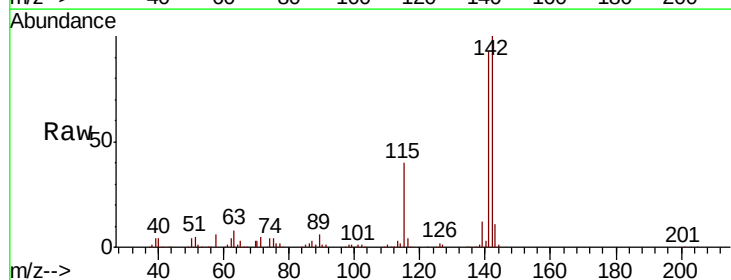
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

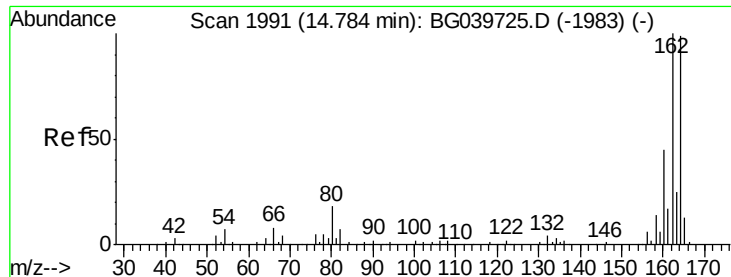
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	73.5	110.3
115	40.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 39.216 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

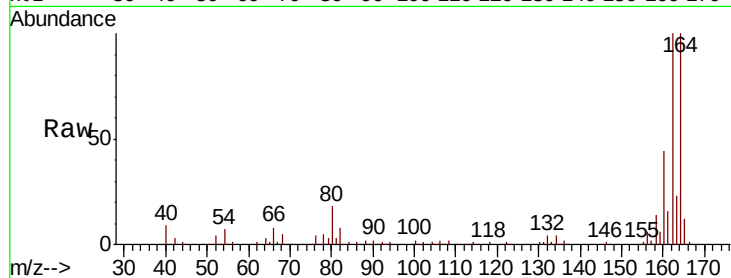
Tgt Ion:164 Resp: 121622

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

160 44.0 34.2 51.2

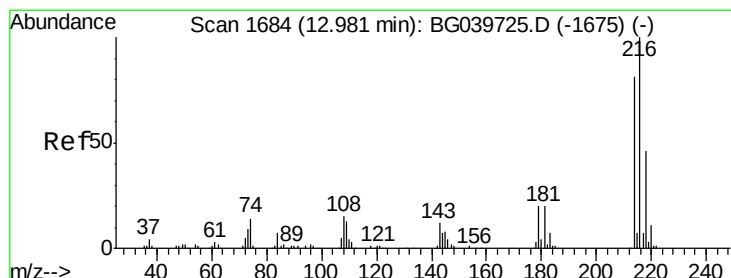
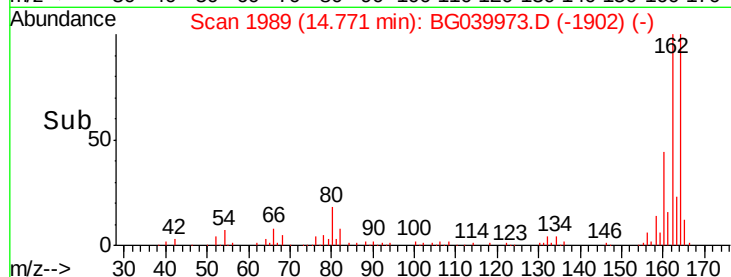
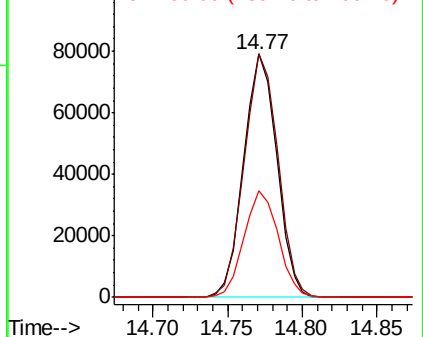


Abundance

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: 41.109 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Tgt Ion:216 Resp: 169380

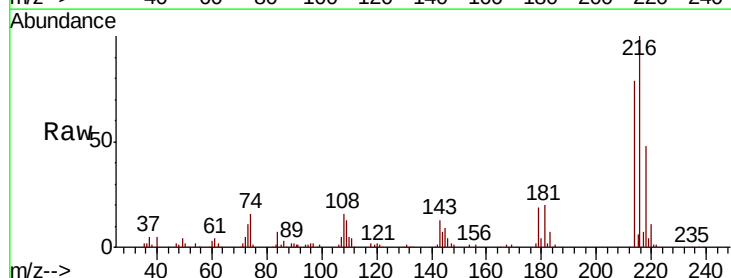
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.5 16.6 25.0

108 16.7 14.0 21.0



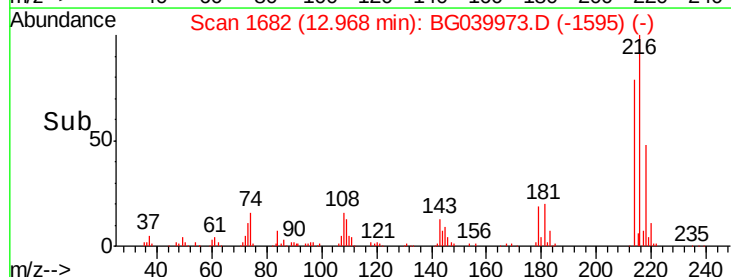
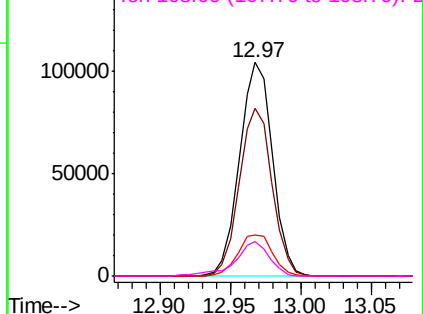
Abundance

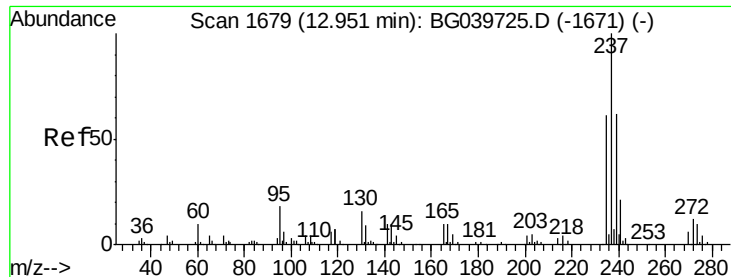
Ion 216.00 (215.70 to 216.70): E

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: 40.097 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

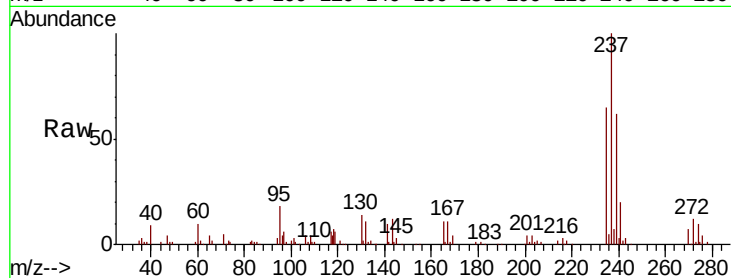
Tgt Ion: 237 Resp: 88536

Ion Ratio Lower Upper

237 100

235 65.2 43.3 83.3

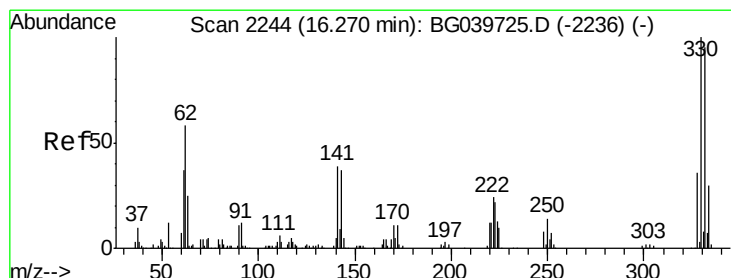
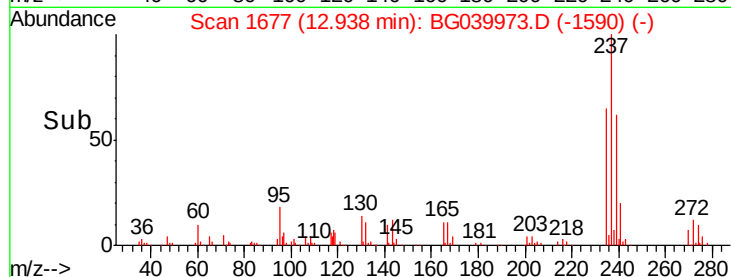
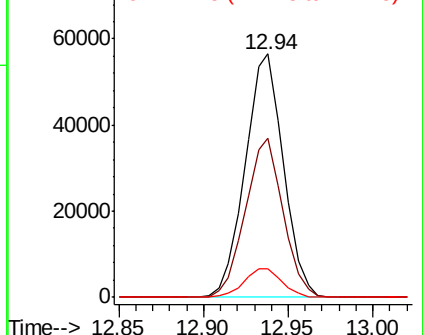
272 11.6 0.0 32.3



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: 79.358 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

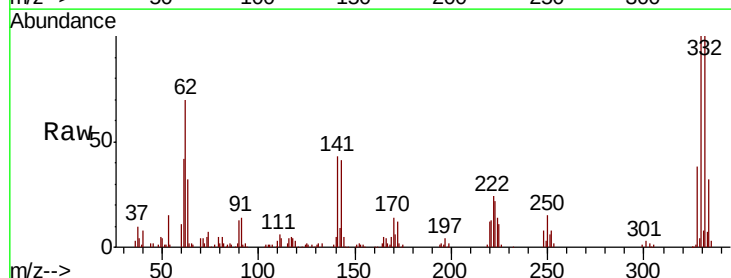
Tgt Ion: 330 Resp: 112497

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

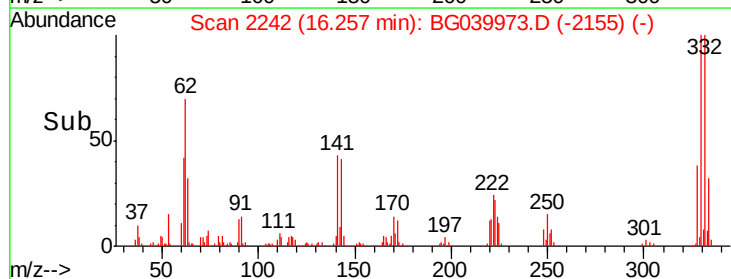
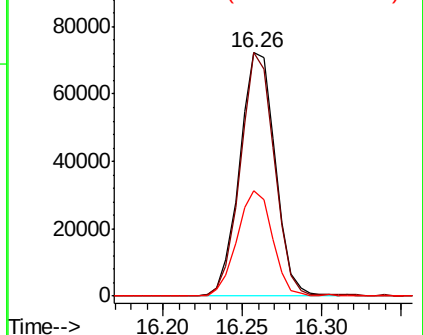
141 43.1 35.6 53.4

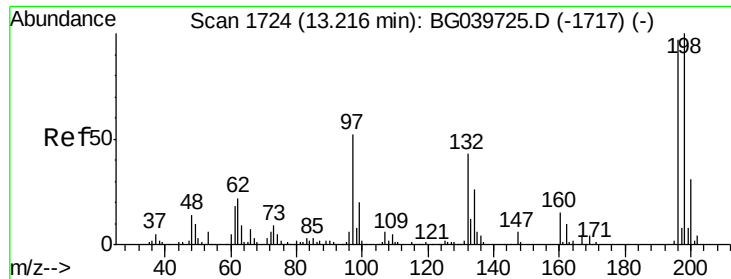


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

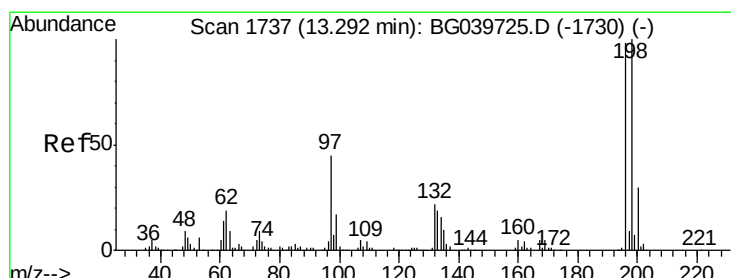
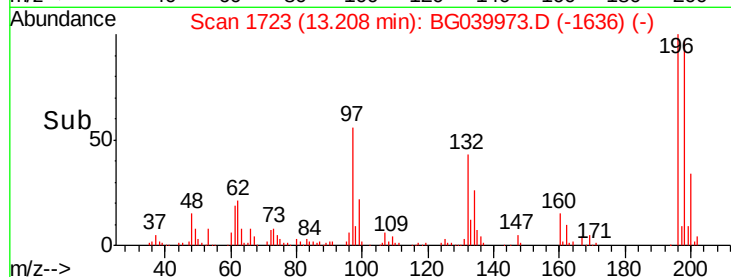
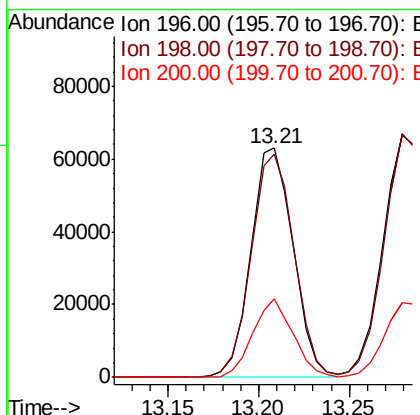
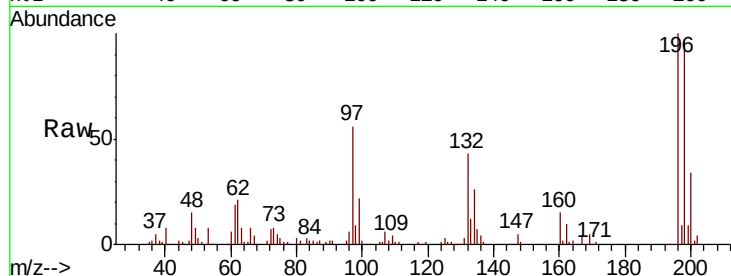




#43
 2,4,6-Trichlorophenol
 Concen: 42.390 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

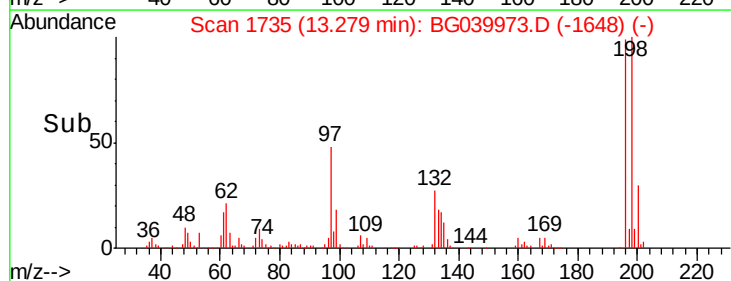
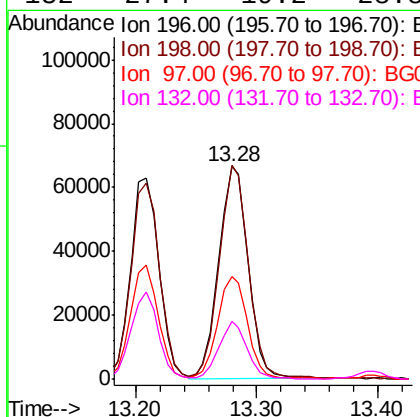
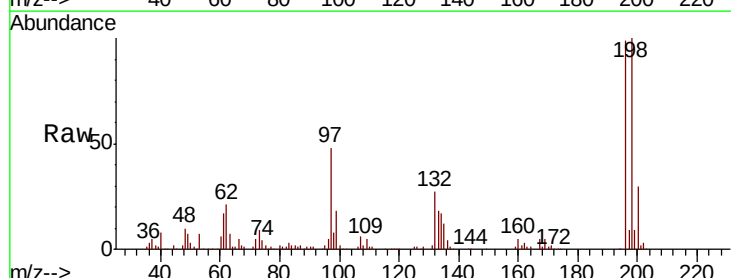
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

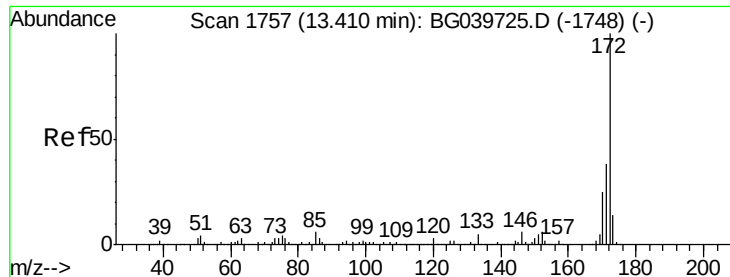
Tgt Ion:196 Resp: 102254
 Ion Ratio Lower Upper
 196 100
 198 97.2 80.6 121.0
 200 34.5 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.252 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:196 Resp: 112165
 Ion Ratio Lower Upper
 196 100
 198 100.6 78.5 117.7
 97 48.2 38.4 57.6
 132 27.4 19.2 28.8

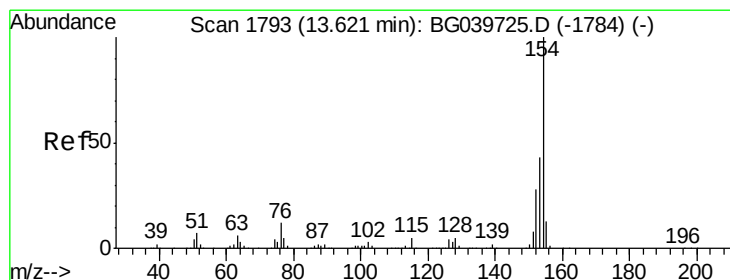
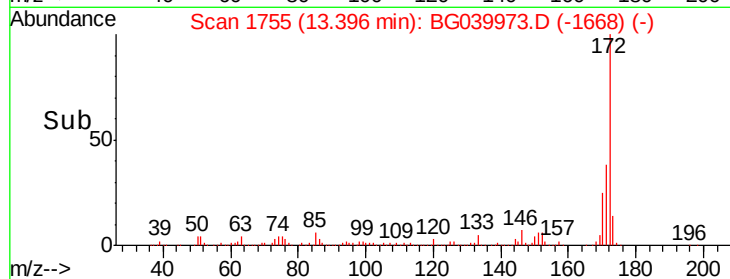
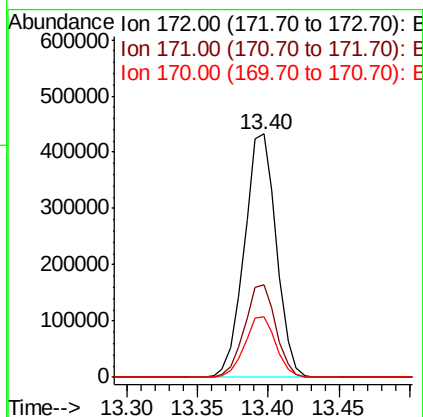
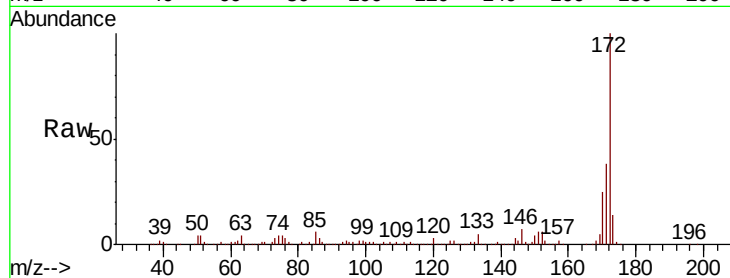




#45
2-Fluorobiphenyl
Concen: 80.285 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

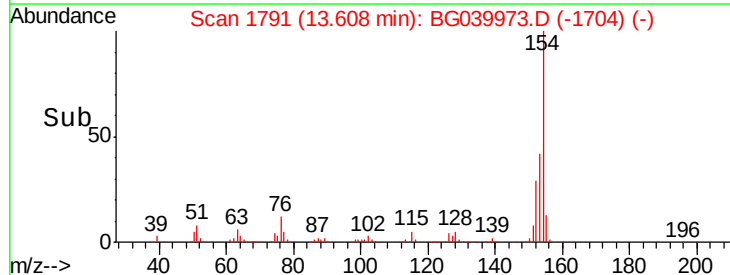
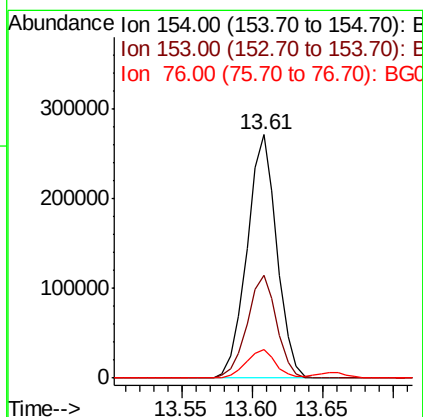
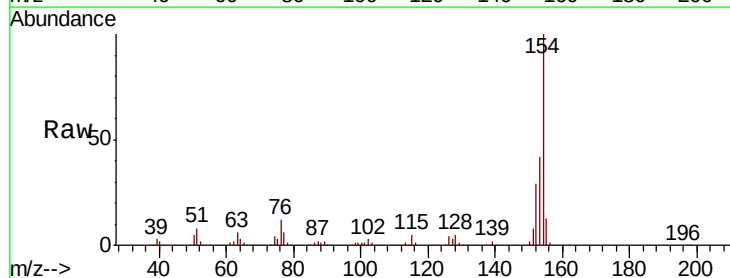
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

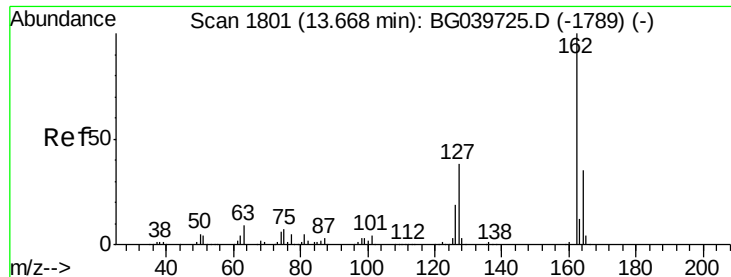
Tgt Ion:172 Resp: 685785
Ion Ratio Lower Upper
172 100
171 38.0 30.8 46.2
170 25.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.995 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:154 Resp: 400079
Ion Ratio Lower Upper
154 100
153 42.0 22.1 62.1
76 11.8 0.0 32.4

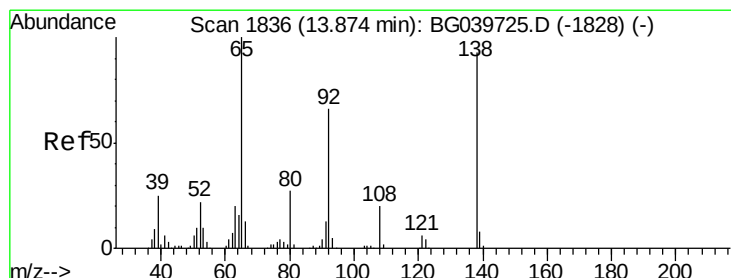
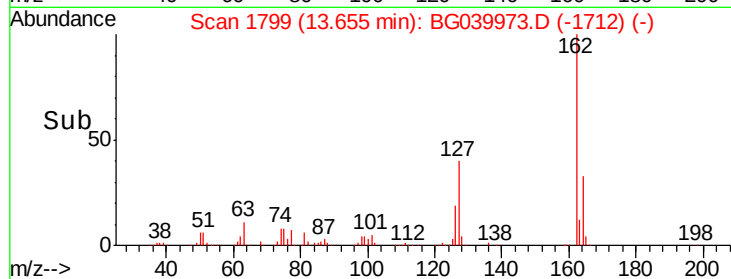
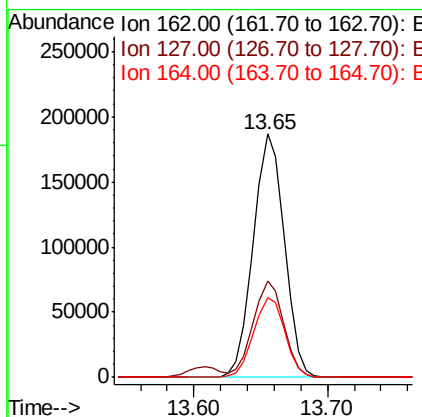
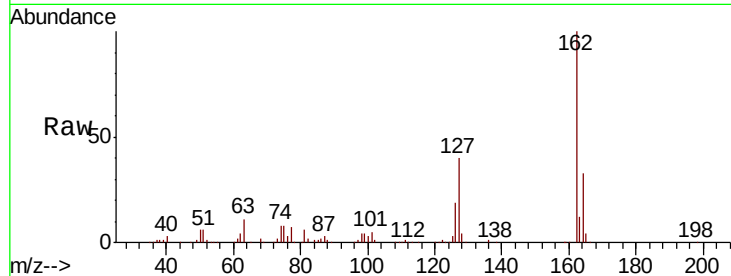




#47
 2-Chloronaphthalene
 Concen: 39.891 ng
 RT: 13.65 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

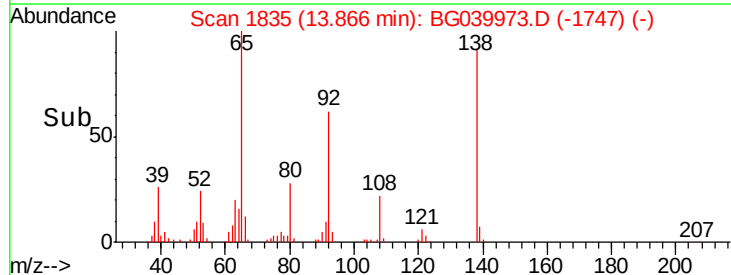
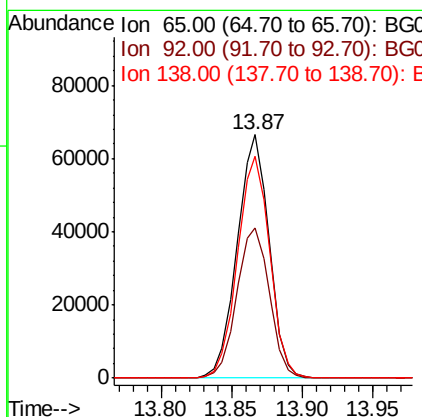
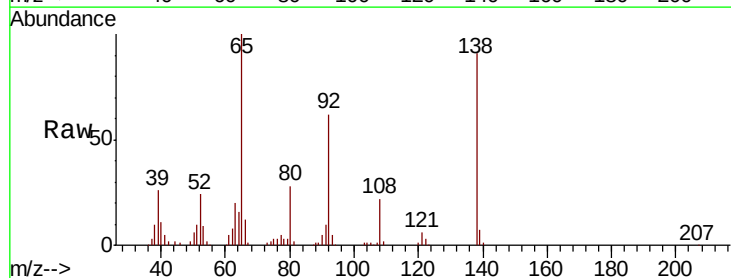
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

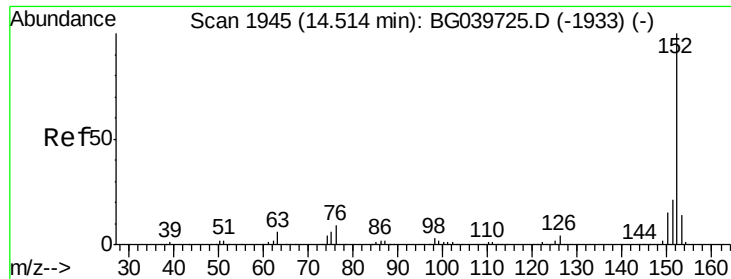
Tgt Ion: 162 Resp: 300192
 Ion Ratio Lower Upper
 162 100
 127 39.5 31.0 46.6
 164 32.6 25.7 38.5



#48
 2-Nitroaniline
 Concen: 43.543 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion: 65 Resp: 105304
 Ion Ratio Lower Upper
 65 100
 92 61.7 51.4 77.2
 138 91.2 71.4 107.2





#49

Acenaphthylene

Concen: 39.655 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

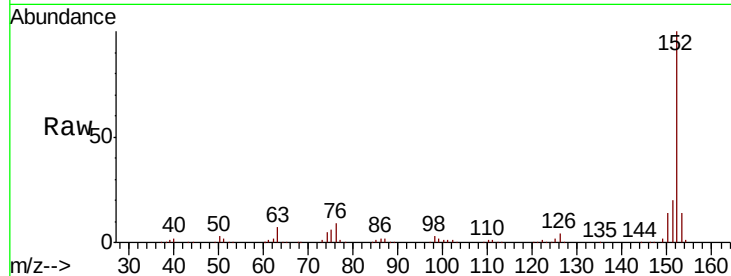
Tgt Ion:152 Resp: 489883

Ion Ratio Lower Upper

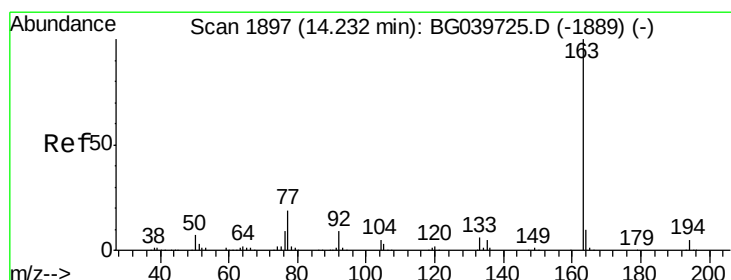
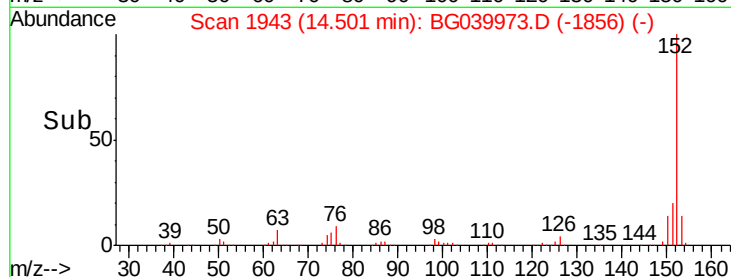
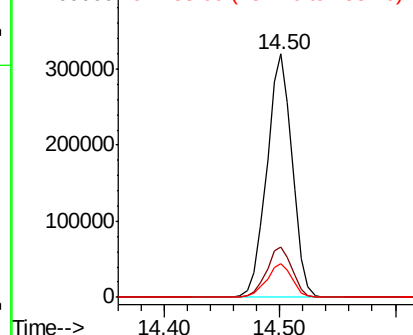
152 100

151 20.5 16.8 25.2

153 13.9 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: 37.986 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

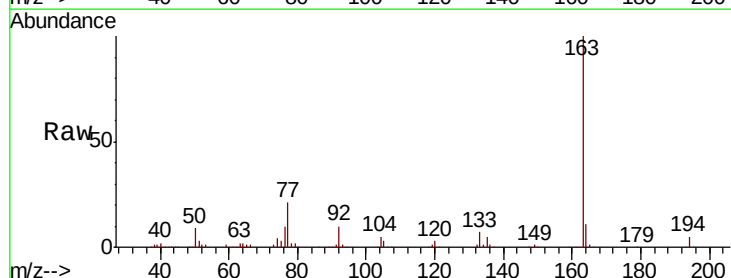
Tgt Ion:163 Resp: 386312

Ion Ratio Lower Upper

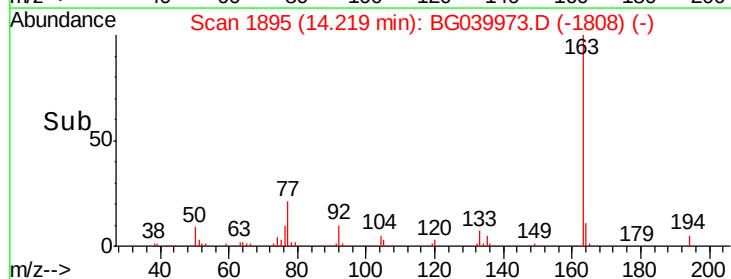
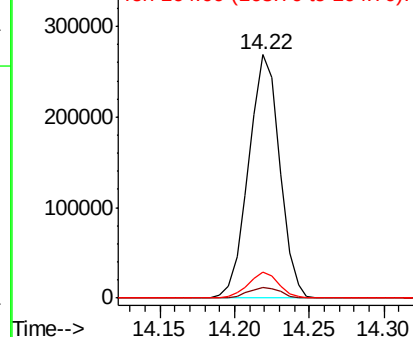
163 100

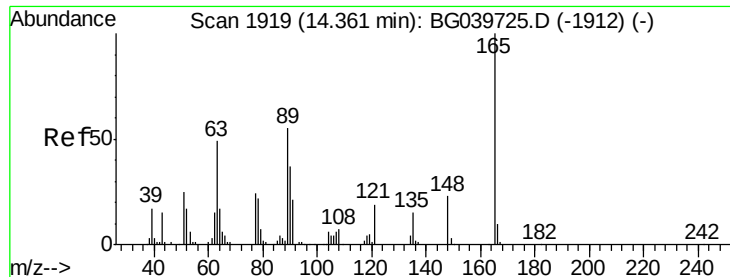
194 4.5 3.6 5.4

164 10.6 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

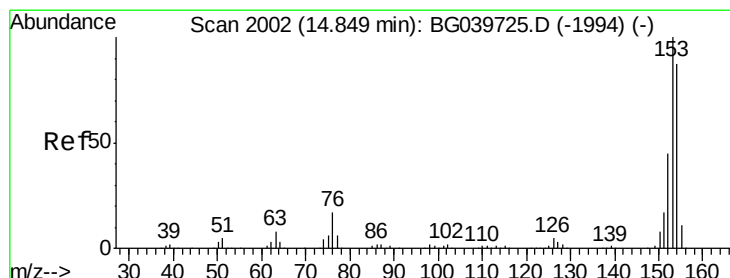
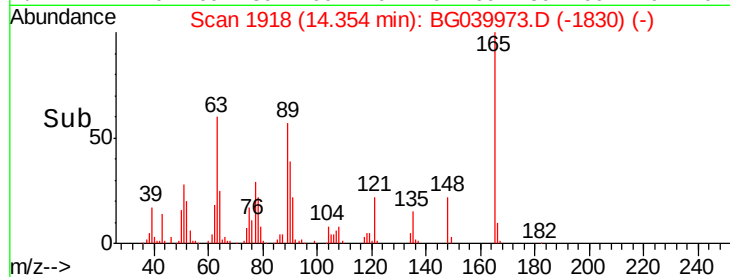
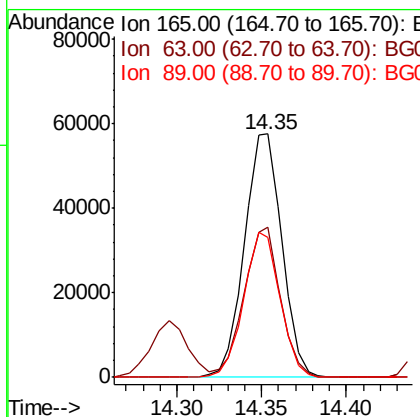
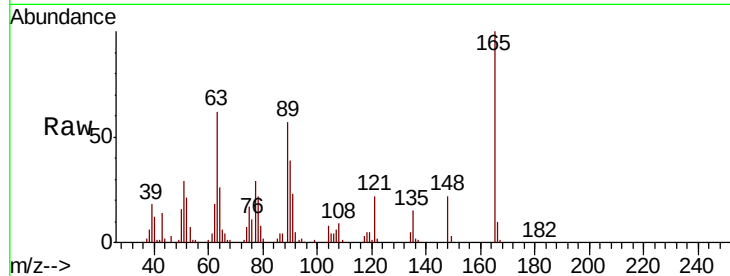




#51
 2,6-Dinitrotoluene
 Concen: 40.967 ng
 RT: 14.35 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

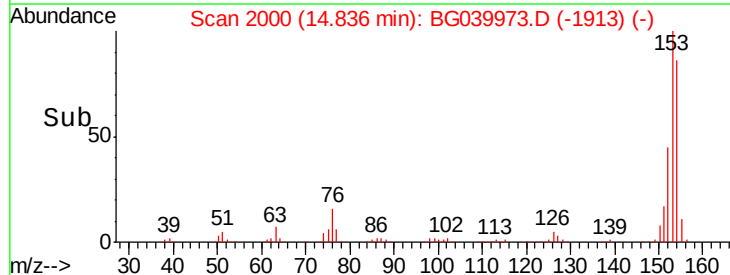
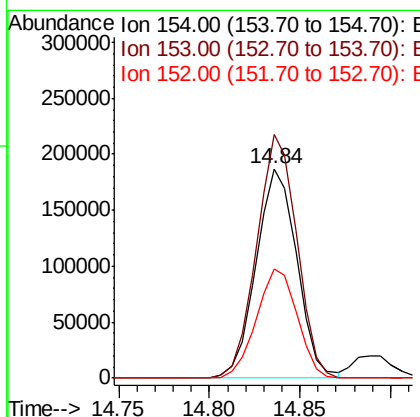
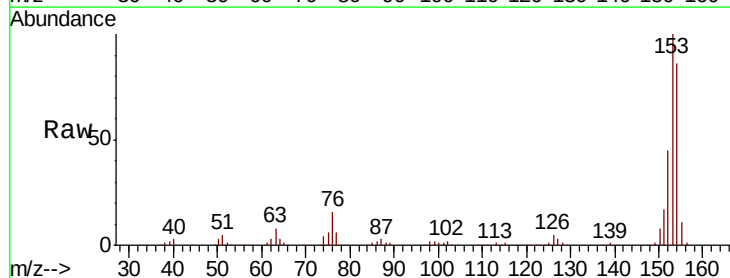
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

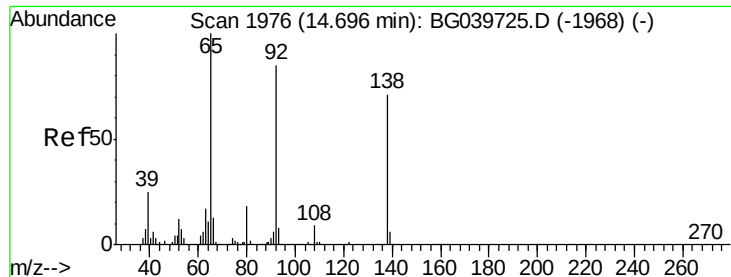
Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.5	47.0	70.6
89	57.3	45.8	68.8



#52
 Acenaphthene
 Concen: 39.214 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.1	135.1
152	52.2	40.9	61.3

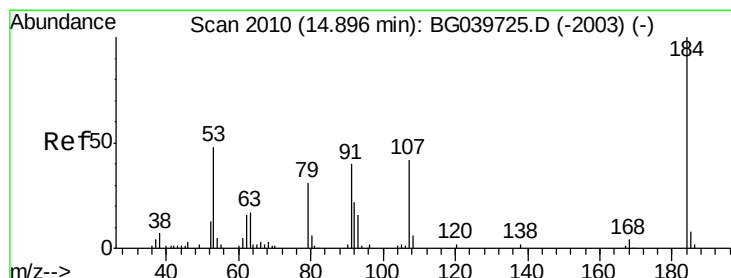
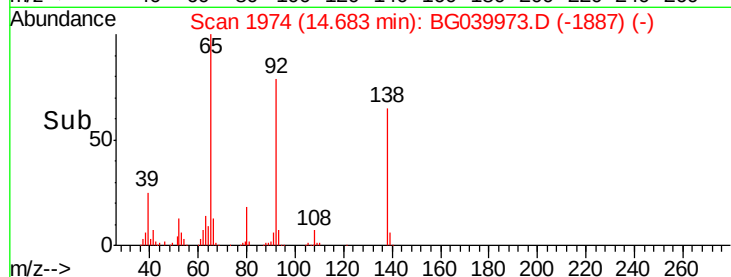
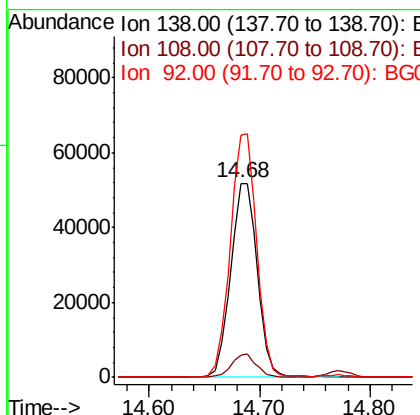
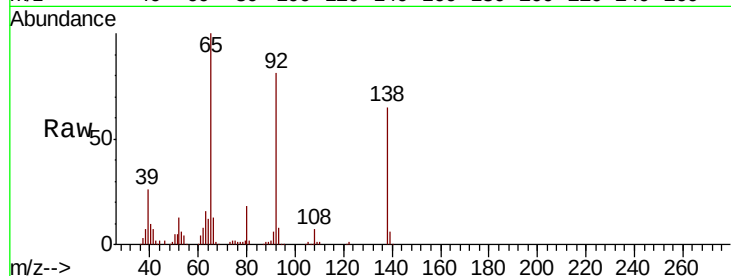




#53
3-Nitroaniline
Concen: 40.445 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

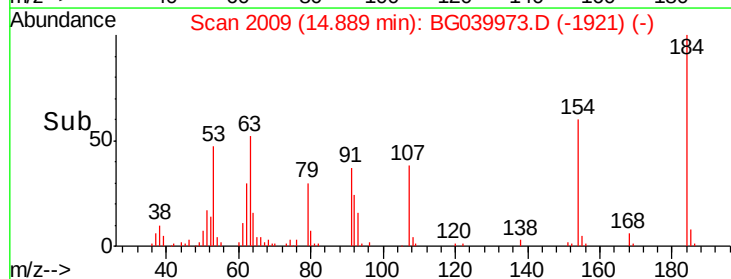
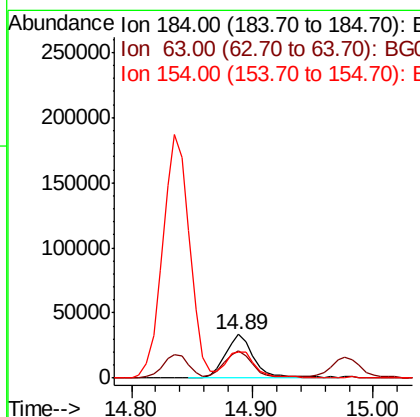
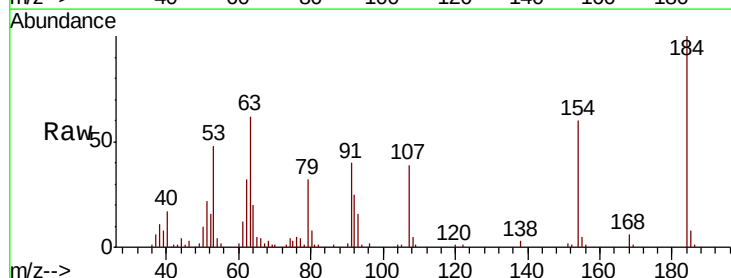
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

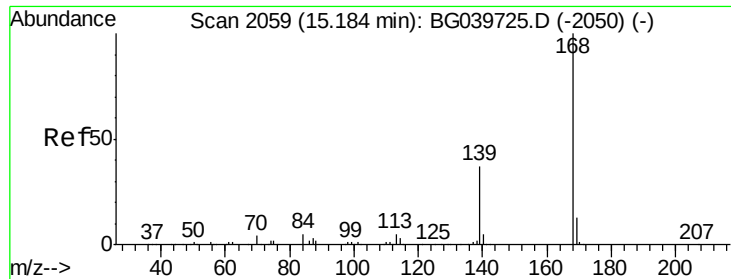
Tgt Ion:138 Resp: 87652
Ion Ratio Lower Upper
138 100
108 11.4 13.8 20.8#
92 124.9 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 43.235 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:184 Resp: 55268
Ion Ratio Lower Upper
184 100
63 62.3 50.9 76.3
154 59.7 53.0 79.6





#55

Dibenzenofuran

Concen: 39.213 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

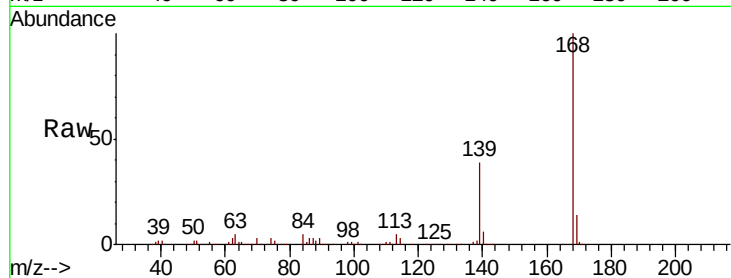
Tgt Ion:168 Resp: 478363

Ion Ratio Lower Upper

168 100

139 39.0 30.1 45.1

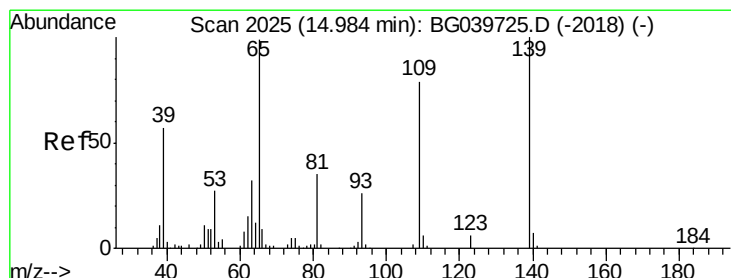
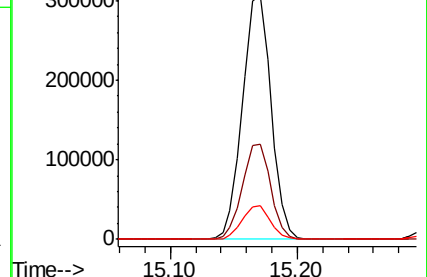
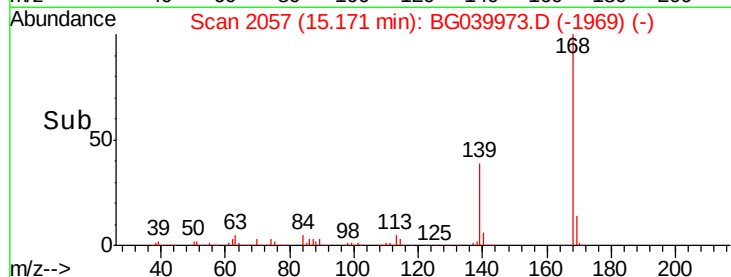
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.769 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

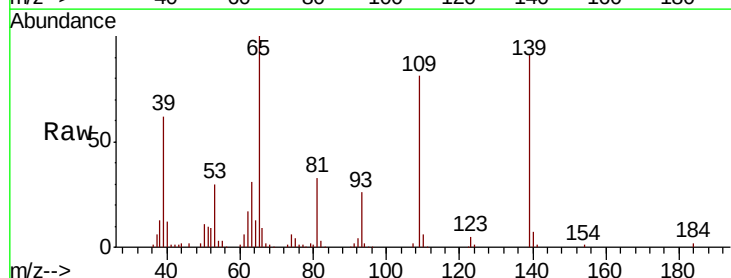
Tgt Ion:139 Resp: 80978

Ion Ratio Lower Upper

139 100

109 89.1 61.9 101.9

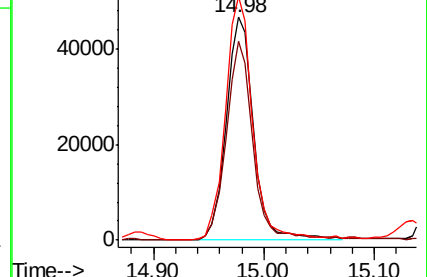
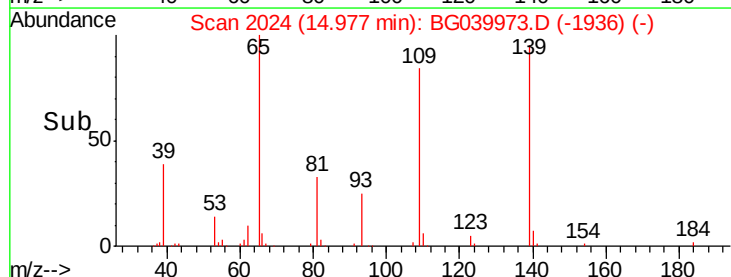
65 109.4 99.1 139.1

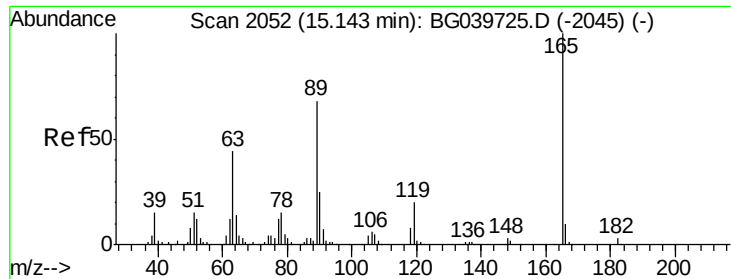


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

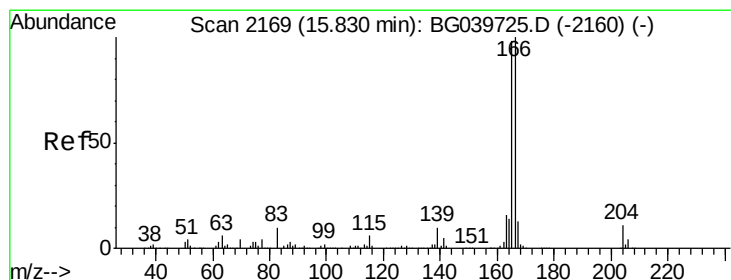
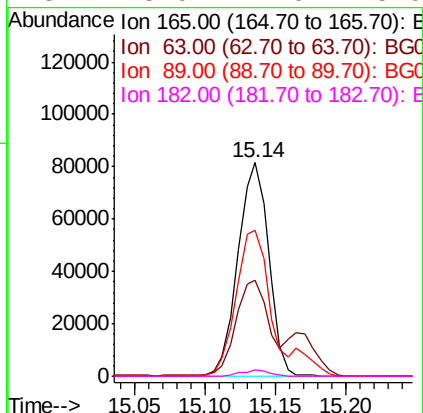
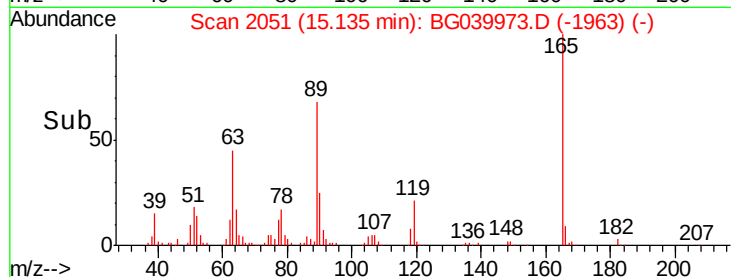
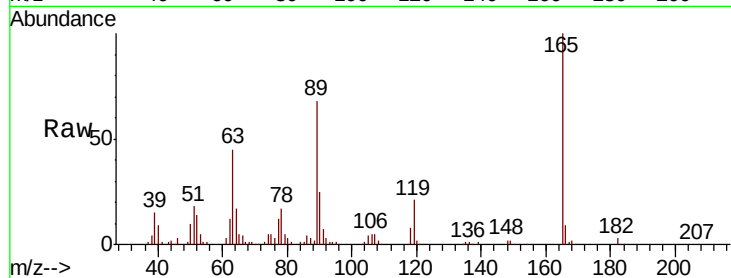




#57
2,4-Dinitrotoluene
Concen: 40.967 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

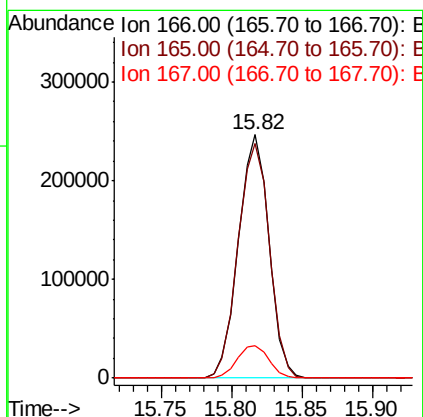
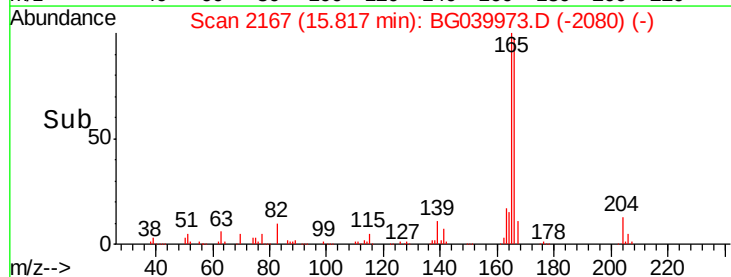
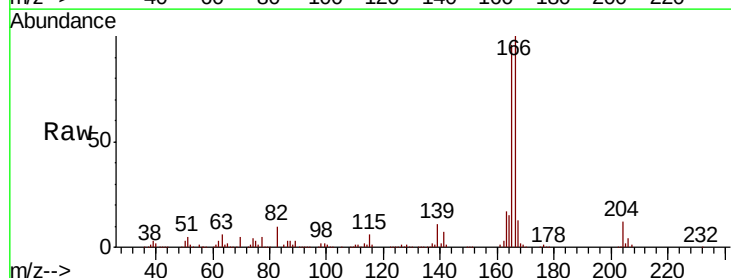
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

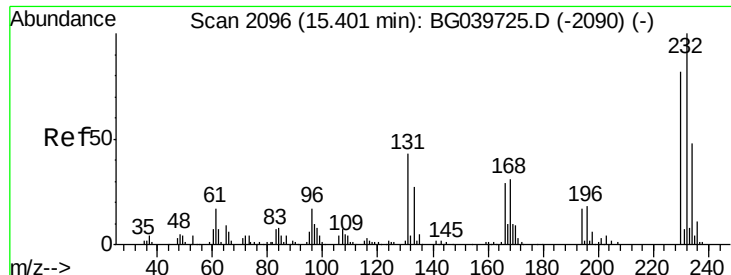
Tgt Ion:	165	Resp:	124105
Ion	Ratio	Lower	Upper
165	100		
63	44.9	41.0	61.6
89	68.3	64.6	96.8
182	3.0	2.0	3.0#



#58
Fluorene
Concen: 38.835 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:	166	Resp:	372437
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.9	116.9
167	13.2	10.8	16.2

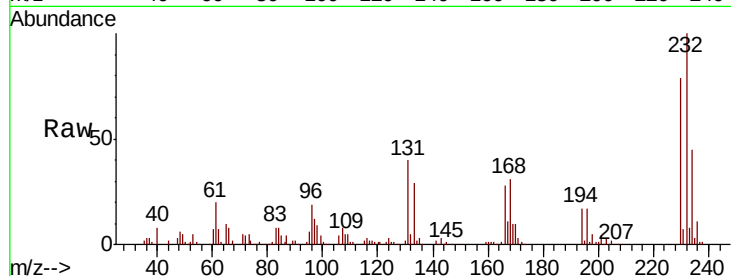




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.843 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

Tgt Ion:	232	Resp:	108455
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.9	52.3
130	2.4	2.0	3.0
166	28.7	24.1	36.1



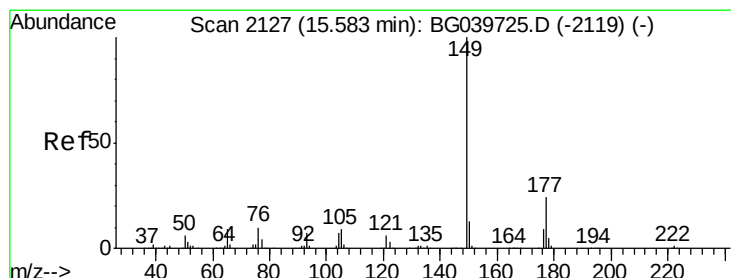
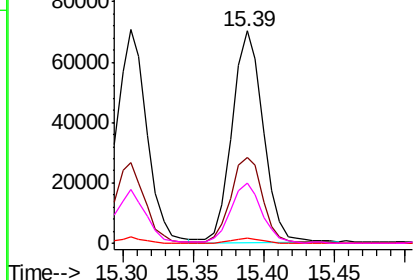
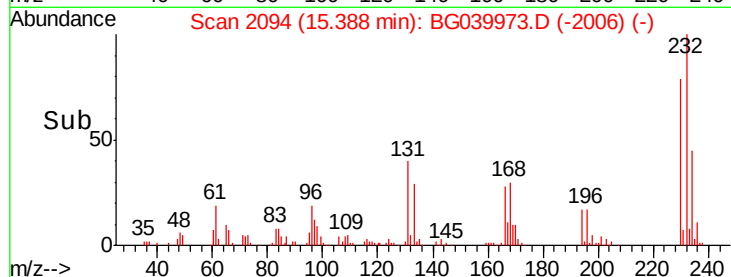
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

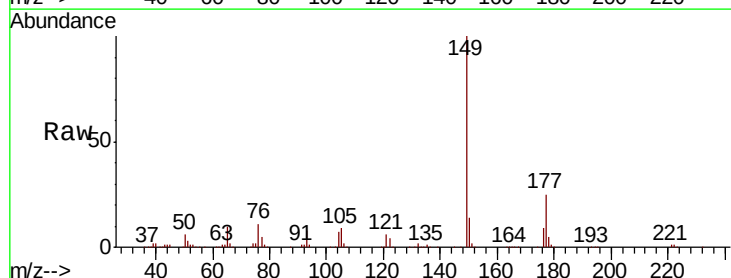
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.860 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:	149	Resp:	391222
Ion	Ratio	Lower	Upper
149	100		
177	25.0	18.3	27.5
150	13.6	10.2	15.2

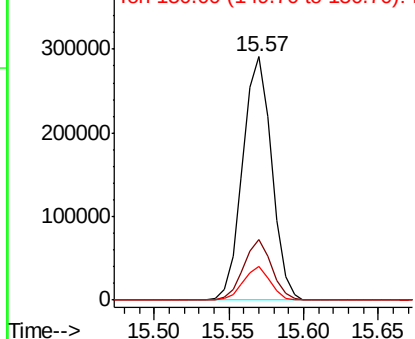
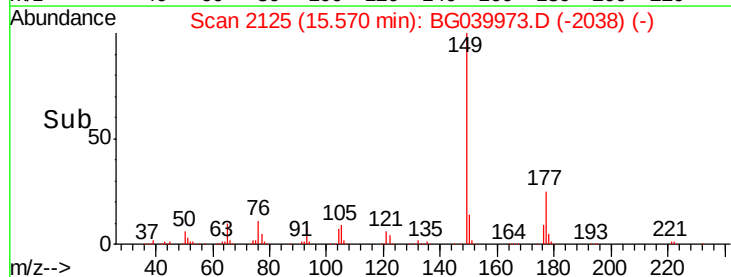


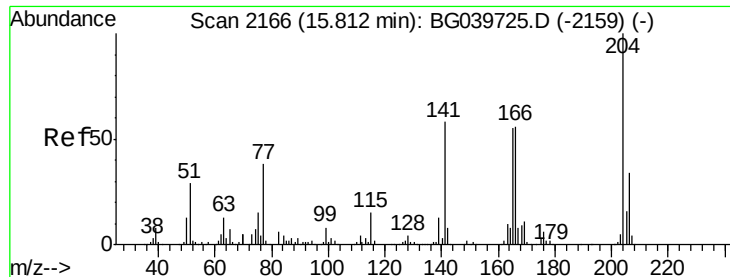
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

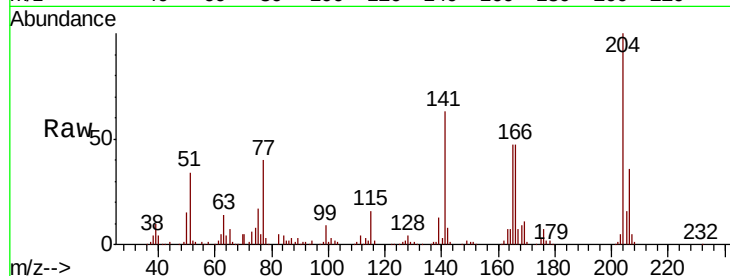




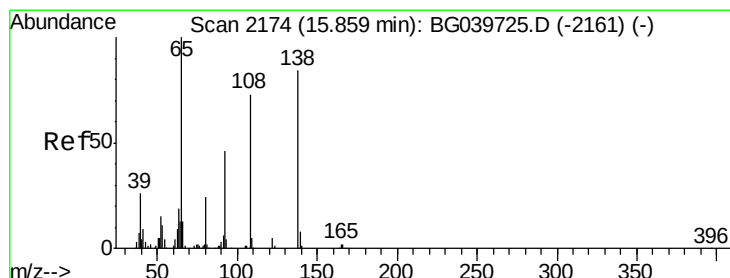
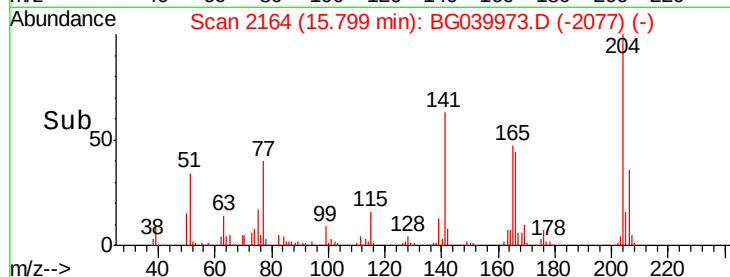
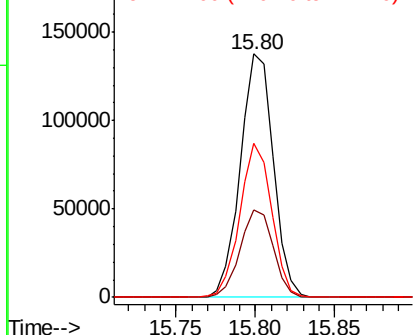
#61
4-Chlorophenyl-phenylether
Concen: 38.885 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 198994
Ion Ratio Lower Upper
204 100
206 35.7 29.2 43.8
141 63.5 49.0 73.4

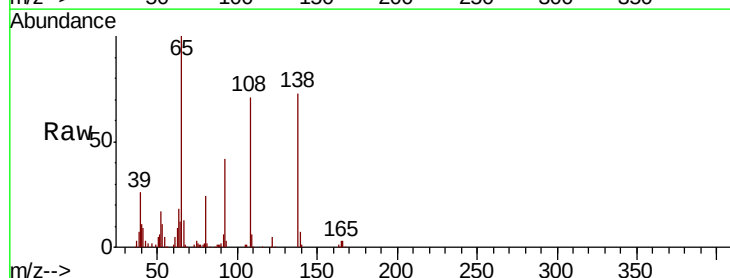


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

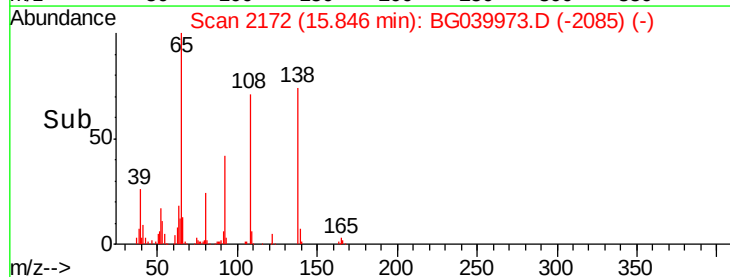
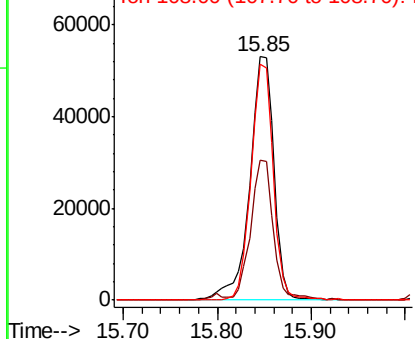


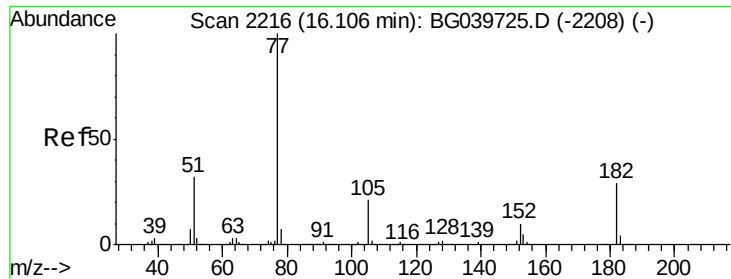
#62
4-Nitroaniline
Concen: 40.357 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion: 138 Resp: 94818
Ion Ratio Lower Upper
138 100
92 57.4 38.7 78.7
108 96.8 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

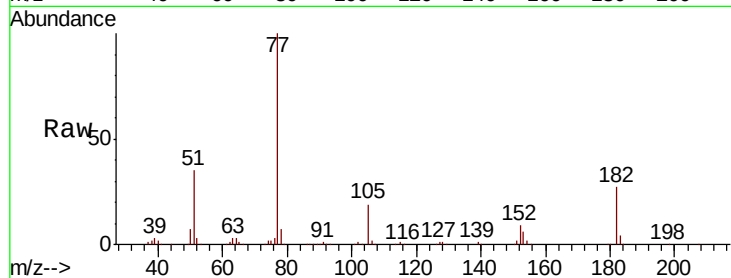




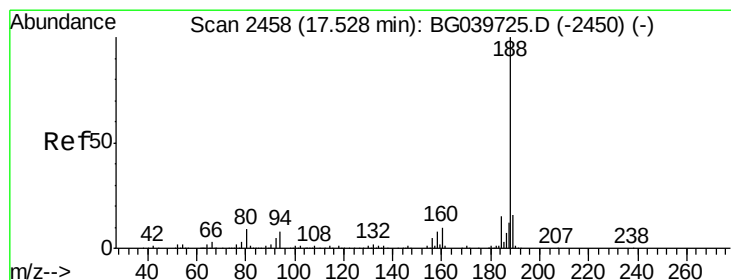
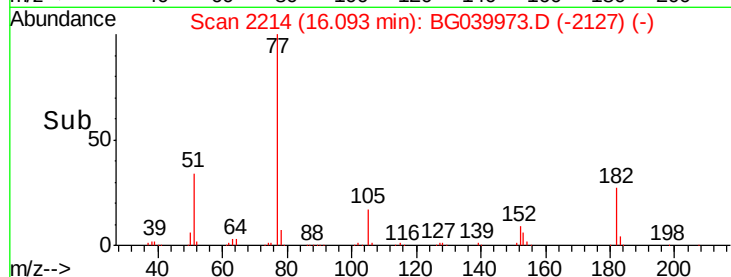
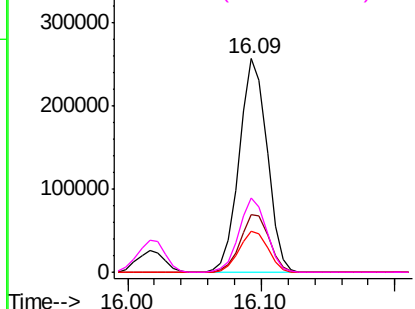
#63
Azobenzene
Concen: 40.581 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	77	Resp:	370336
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.4	46.4
105	19.5	0.0	39.8
51	34.6	14.1	54.1

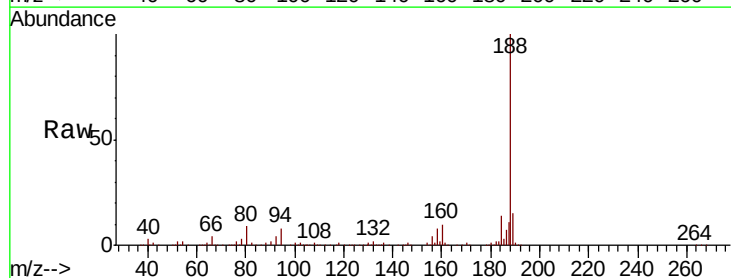


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

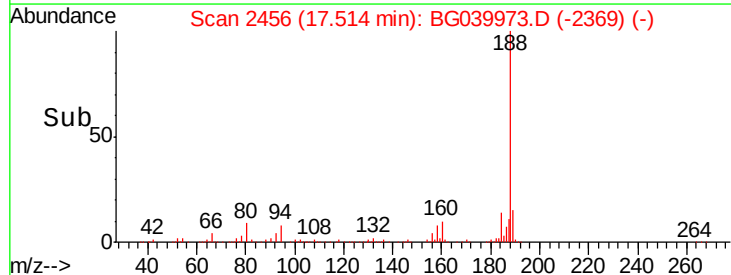
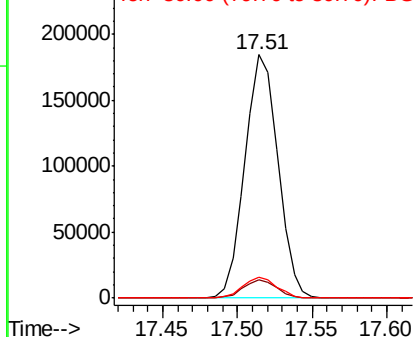


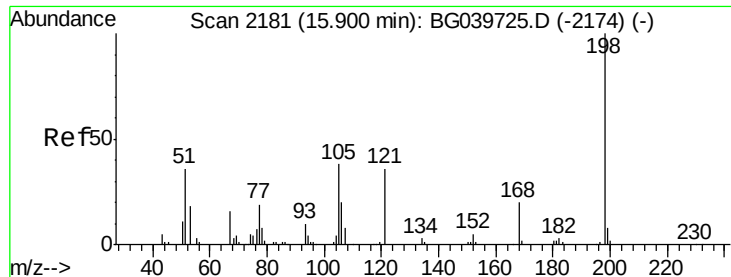
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:	188	Resp:	283157
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.8	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

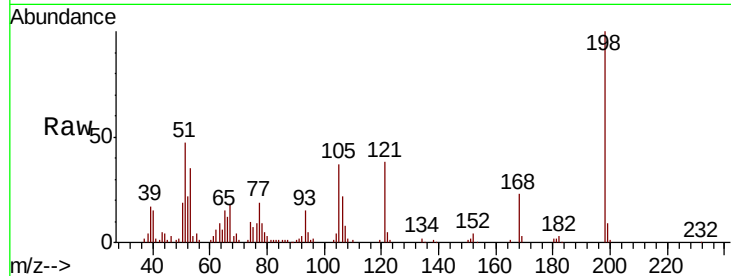




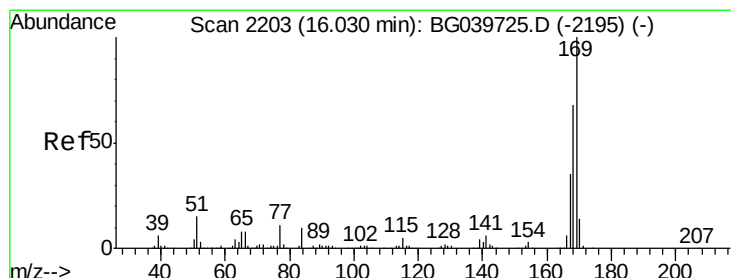
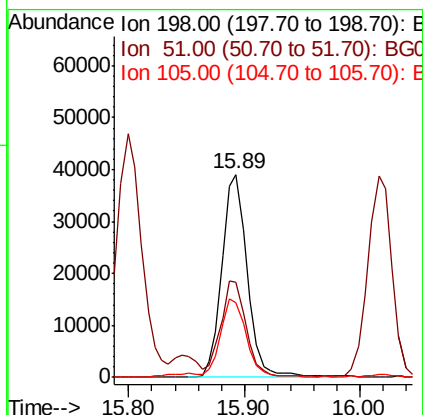
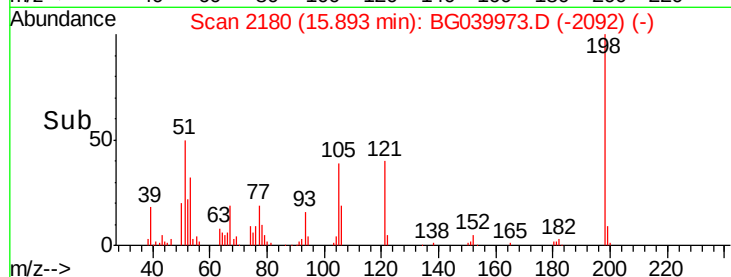
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.599 ng
 RT: 15.89 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:198 Resp: 59600
 Ion Ratio Lower Upper
 198 100
 51 46.8 27.4 67.4
 105 36.9 19.7 59.7

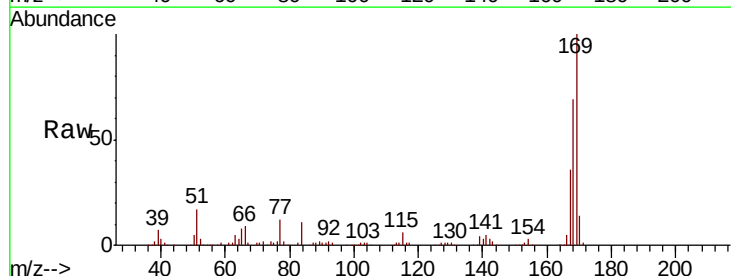


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

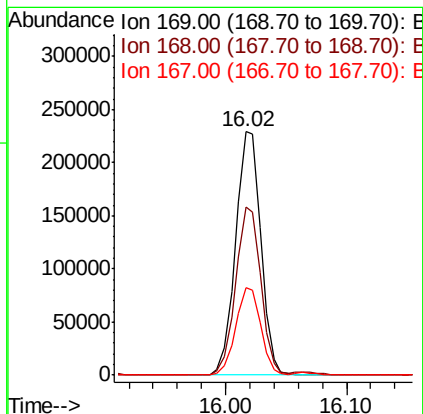
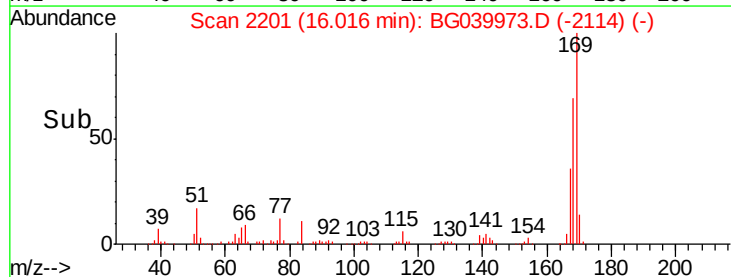


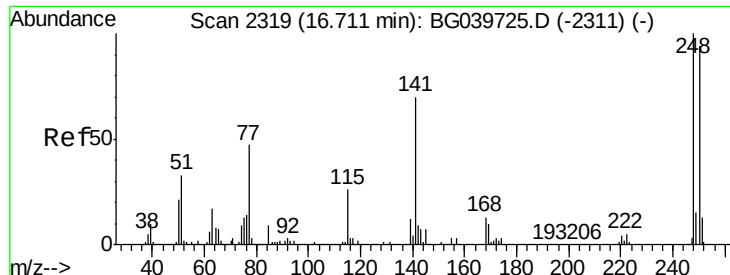
#66
 n-Nitrosodiphenylamine
 Concen: 40.765 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:169 Resp: 334173
 Ion Ratio Lower Upper
 169 100
 168 68.9 56.6 85.0
 167 36.1 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

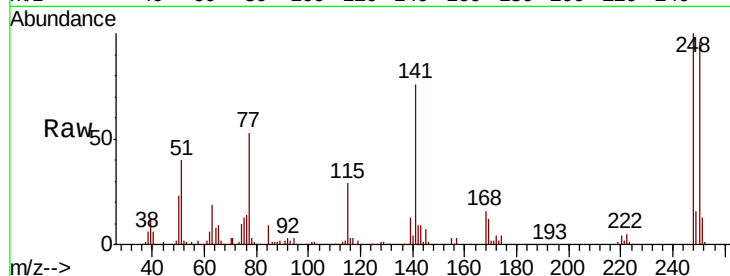




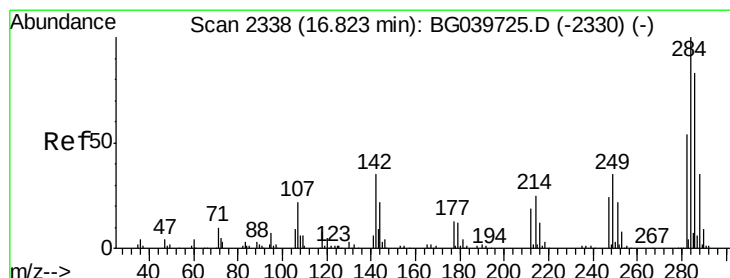
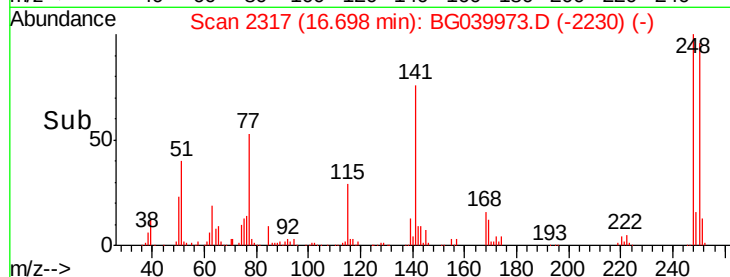
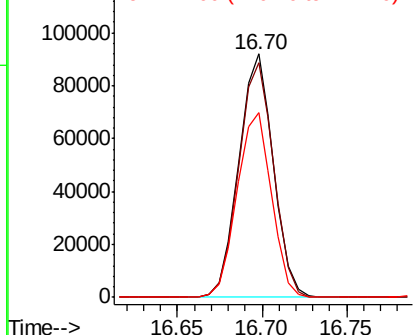
#67
 4-Bromophenyl-phenylether
 Concen: 41.193 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 130562
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.6 116.4
 141 75.7 63.9 95.9

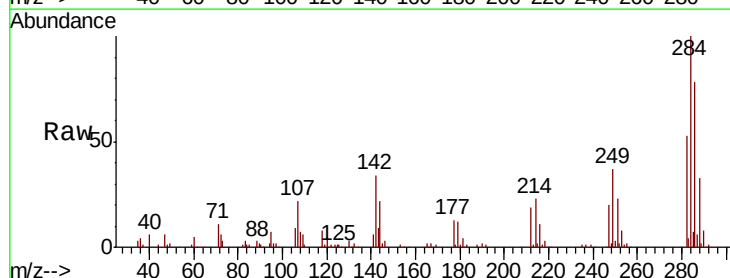


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

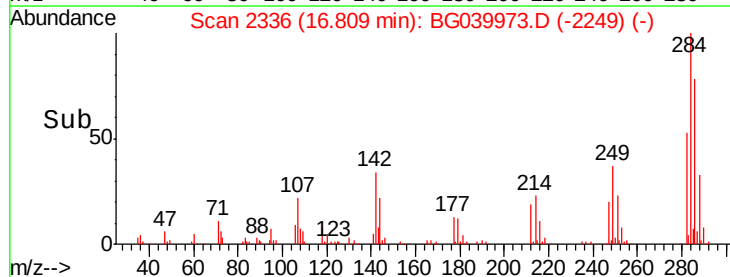
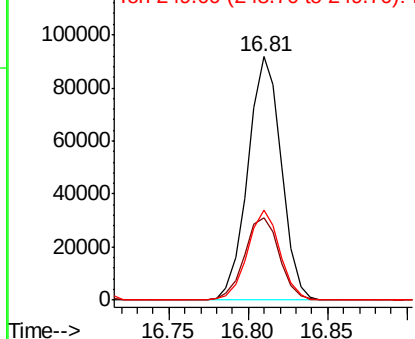


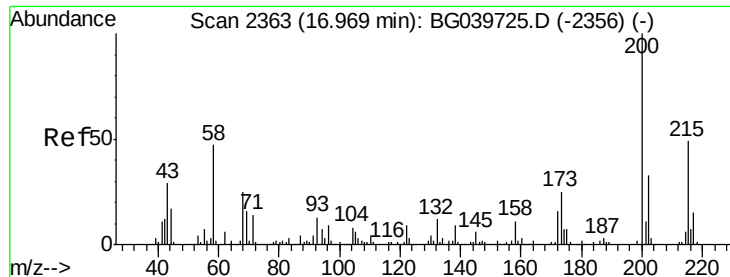
#68
 Hexachlorobenzene
 Concen: 40.808 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:284 Resp: 134071
 Ion Ratio Lower Upper
 284 100
 142 34.1 30.6 45.8
 249 36.8 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

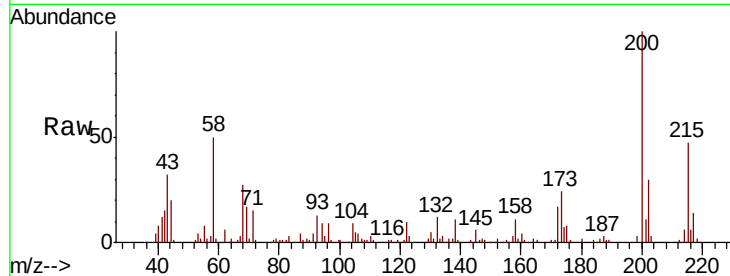




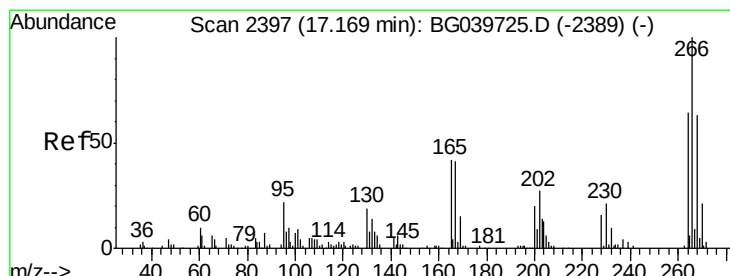
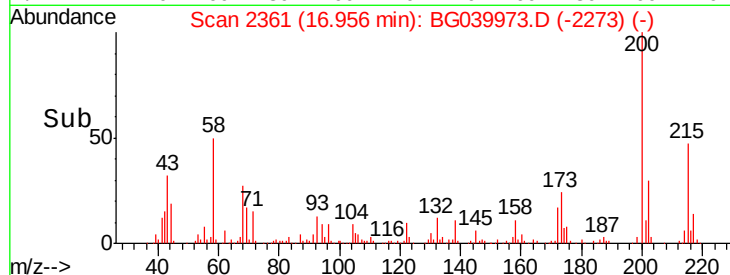
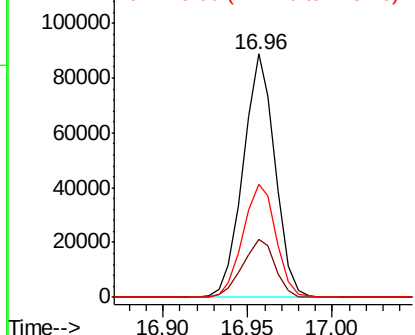
#69
 Atrazine
 Concen: 36.080 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:200 Resp: 116403
 Ion Ratio Lower Upper
 200 100
 173 23.8 3.9 43.9
 215 46.5 30.9 70.9

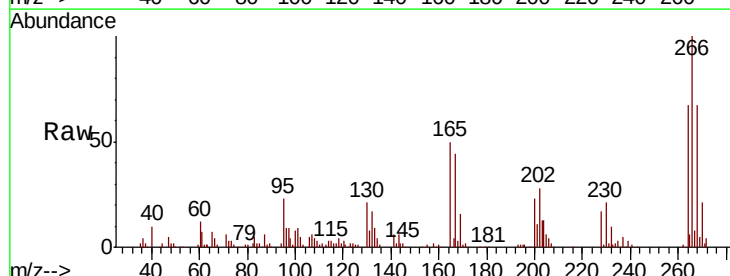


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

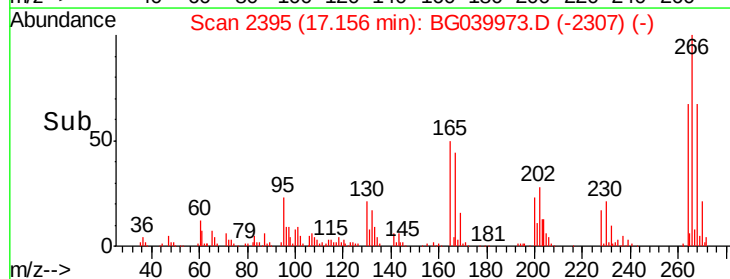
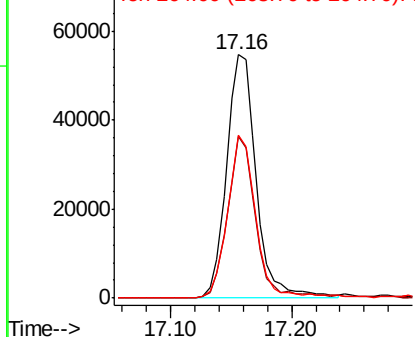


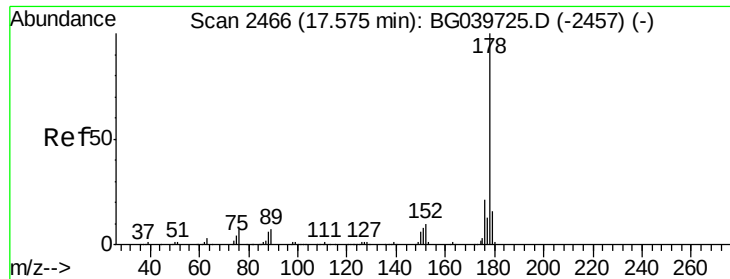
#70
 Pentachlorophenol
 Concen: 44.909 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion:266 Resp: 93182
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 66.8 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





#71

Phenanthrene

Concen: 39.658 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

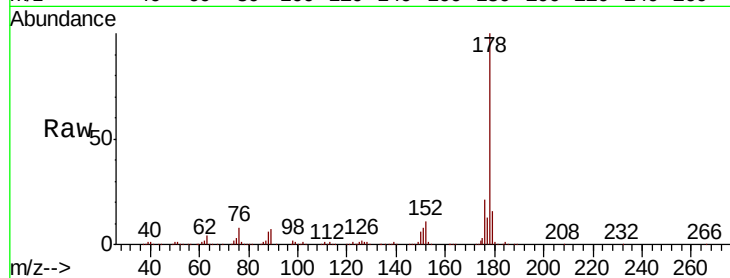
Tgt Ion:178 Resp: 618534

Ion Ratio Lower Upper

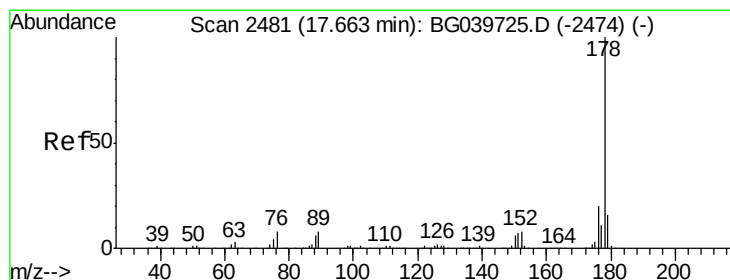
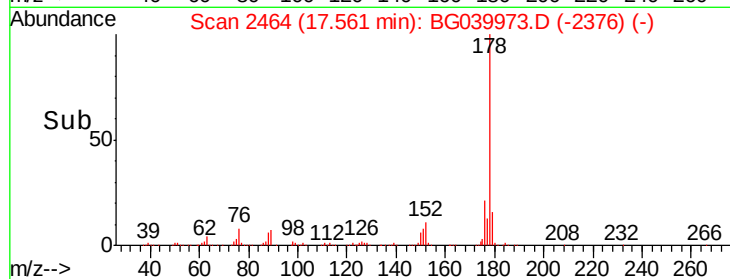
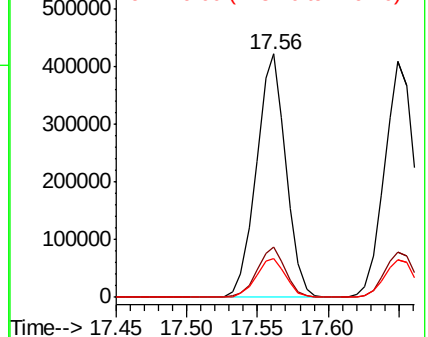
178 100

176 20.8 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: 39.949 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

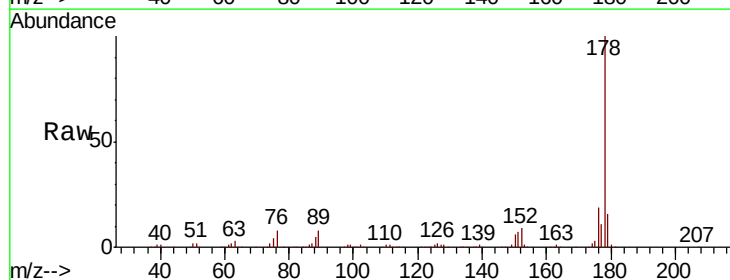
Tgt Ion:178 Resp: 607174

Ion Ratio Lower Upper

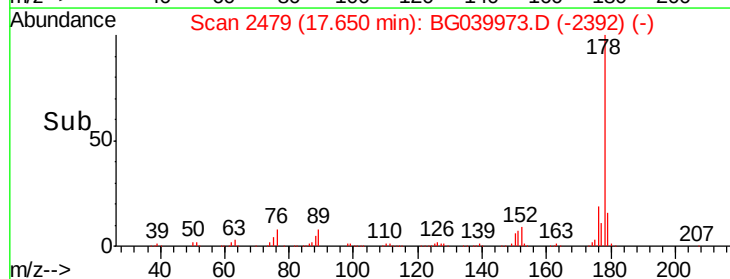
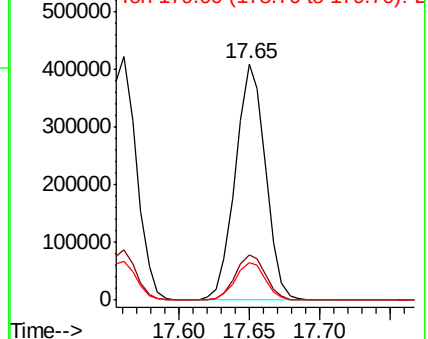
178 100

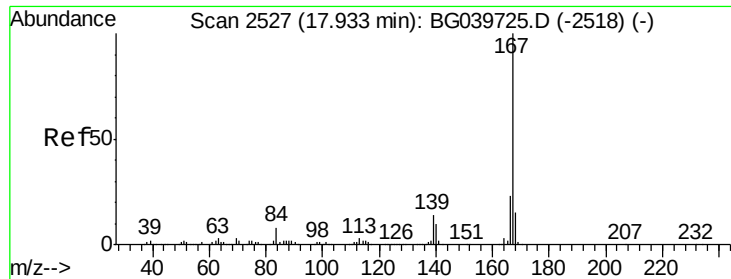
176 19.1 15.8 23.6

179 16.0 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

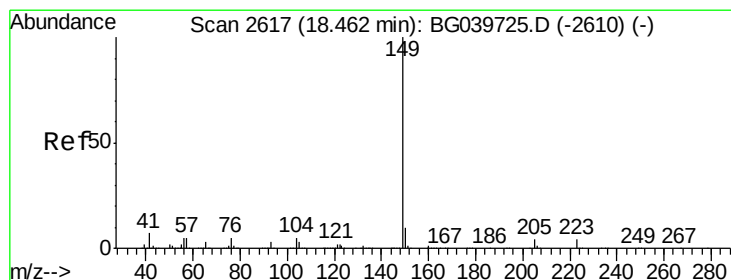
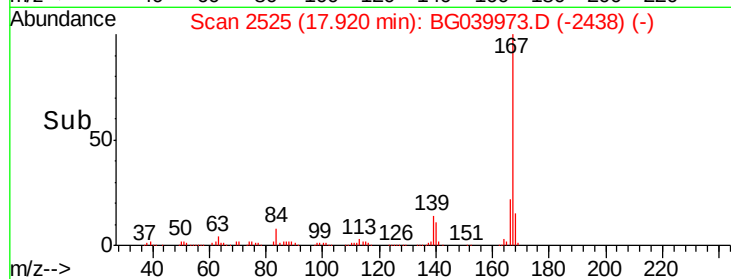
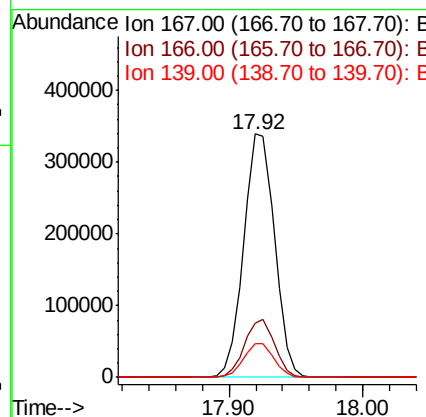
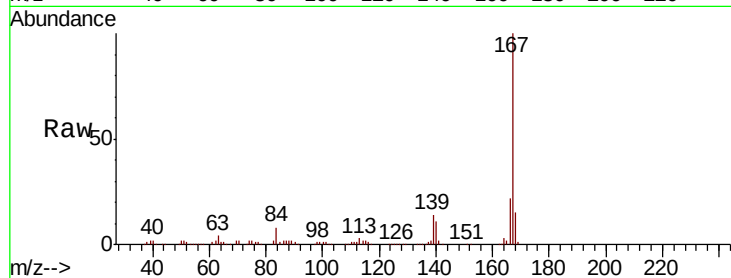




#73
 Carbazole
 Concen: 39.468 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

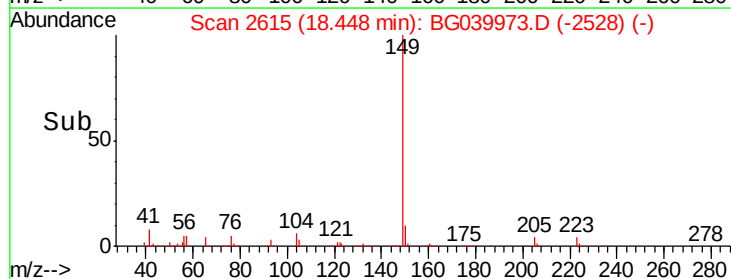
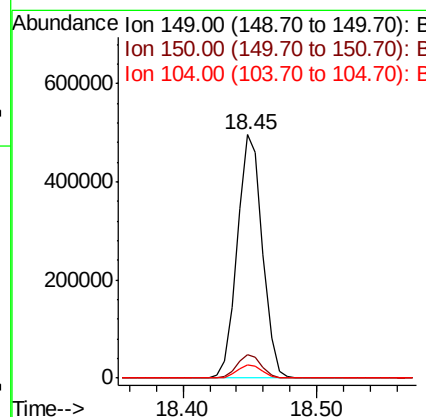
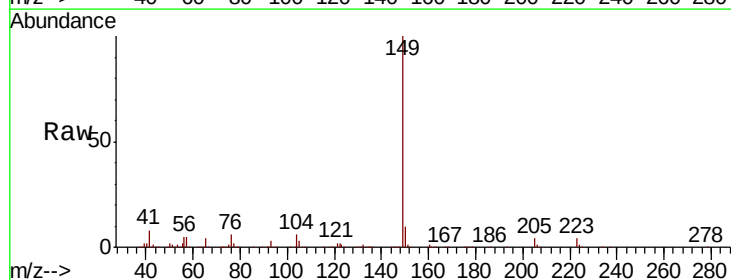
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

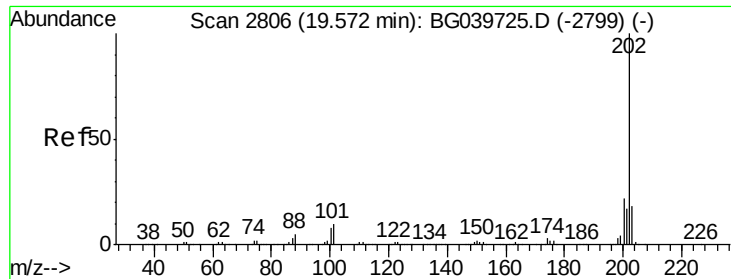
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.4	29.2
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 40.276 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039973.D
 Acq: 18 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 39.372 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

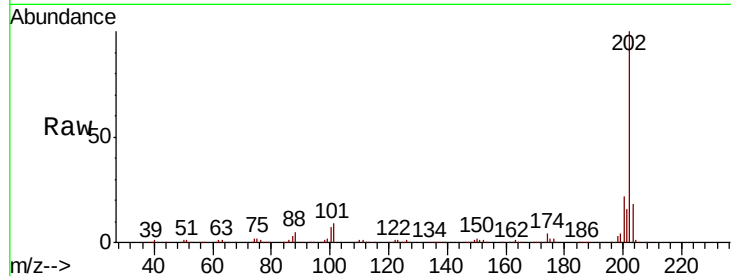
Tgt Ion: 202 Resp: 725723

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

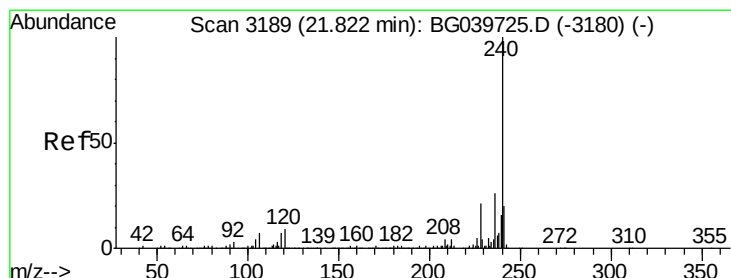
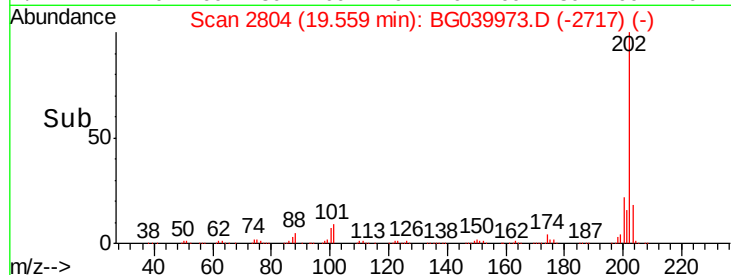
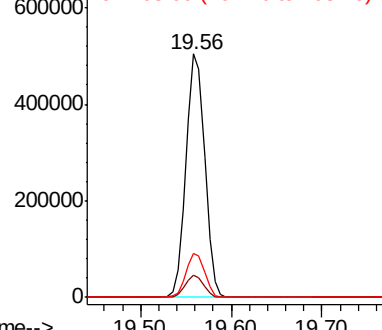
203 18.1 0.0 38.9



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: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

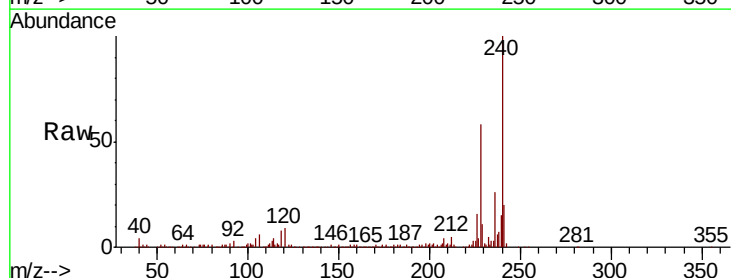
Tgt Ion: 240 Resp: 278657

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

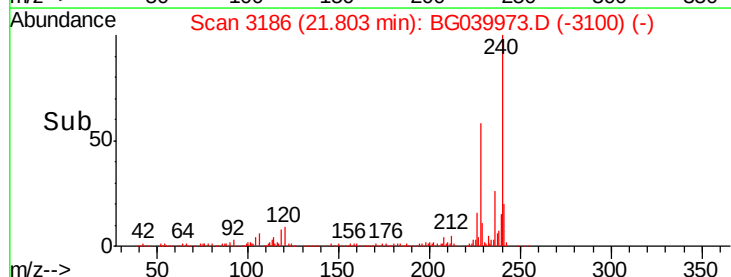
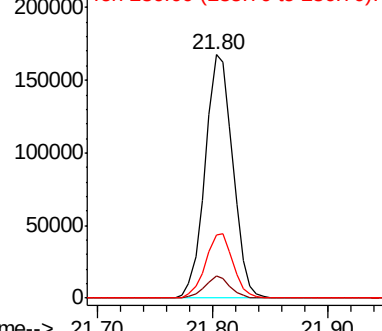
236 25.9 21.0 31.4

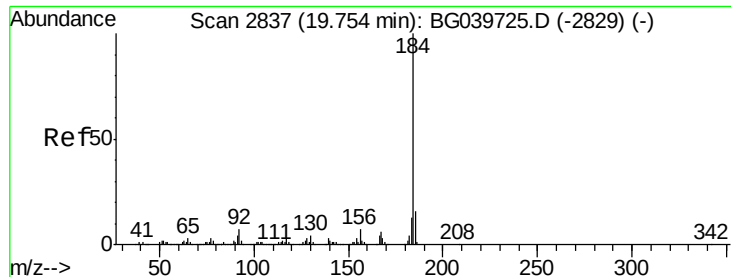


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.130 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

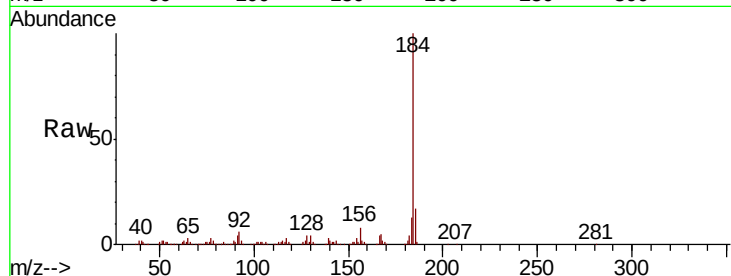
Tgt Ion:184 Resp: 363697

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.2

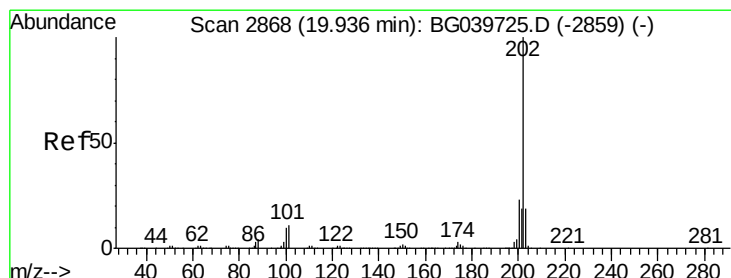
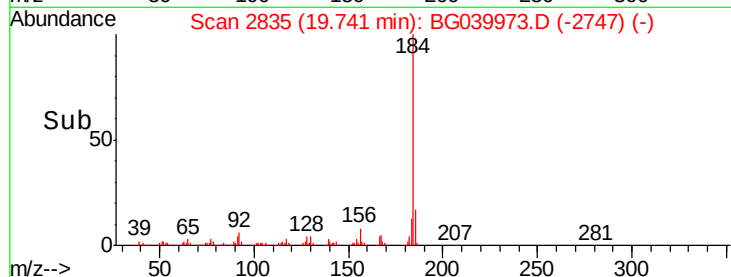
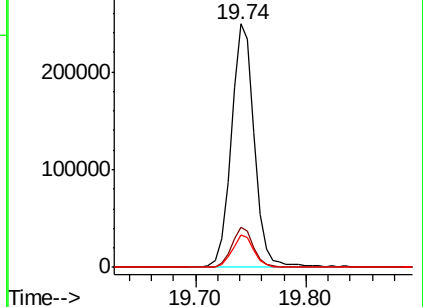
183 13.1 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.435 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

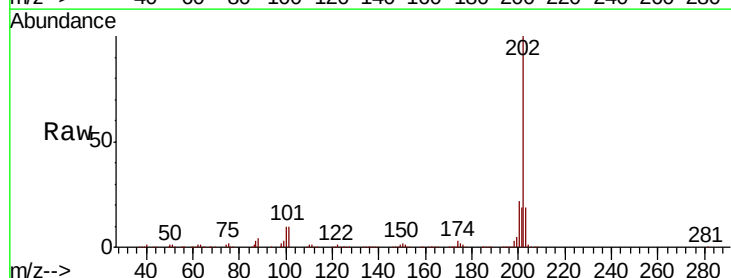
Tgt Ion:202 Resp: 732166

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.8

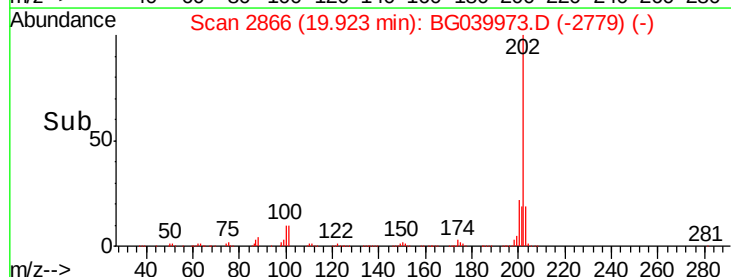
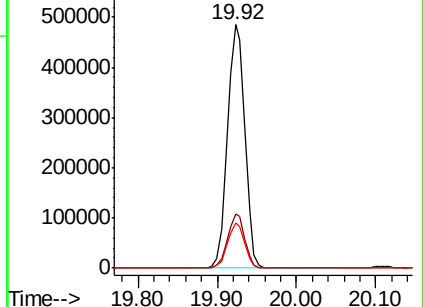
203 18.7 15.3 22.9

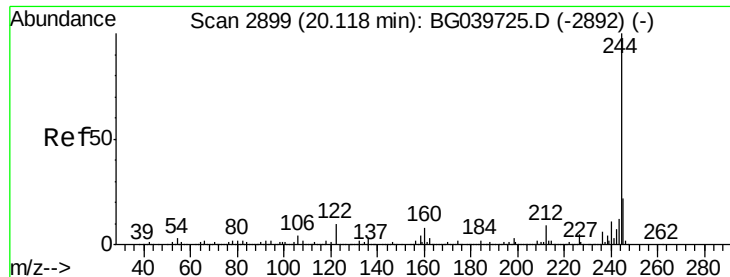


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.041 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

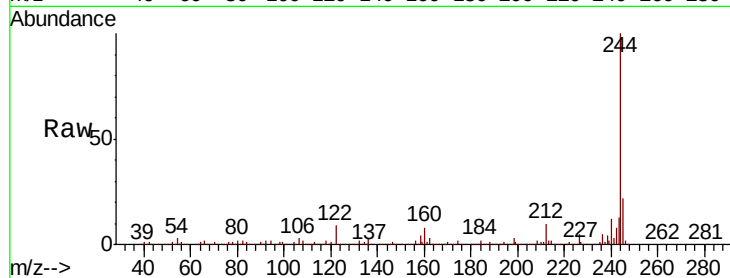
Tgt Ion:244 Resp: 1012982

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

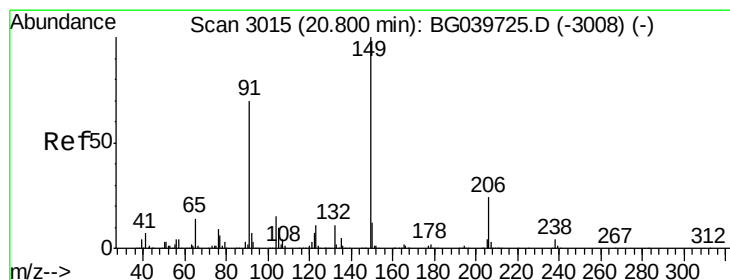
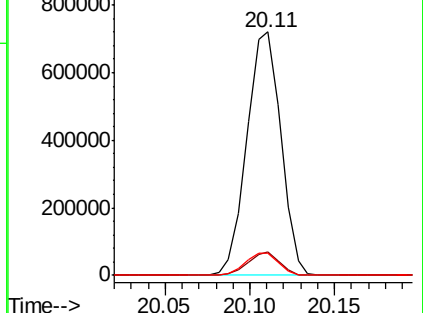
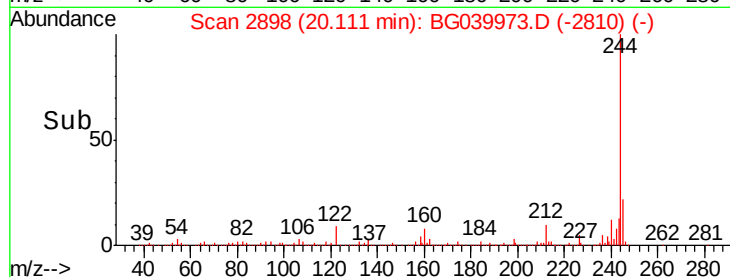
122 9.1 8.4 12.6



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: 41.872 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

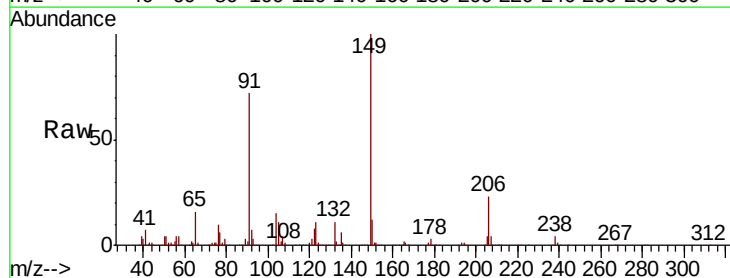
Tgt Ion:149 Resp: 293742

Ion Ratio Lower Upper

149 100

91 72.3 59.5 89.3

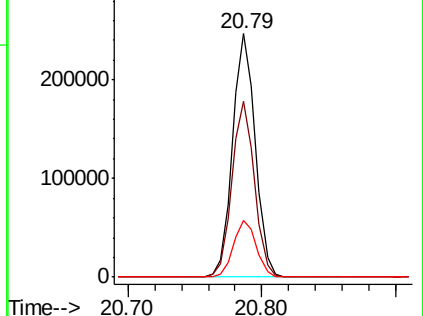
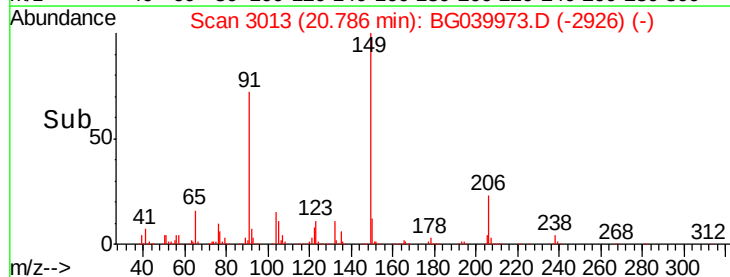
206 23.1 18.6 27.8

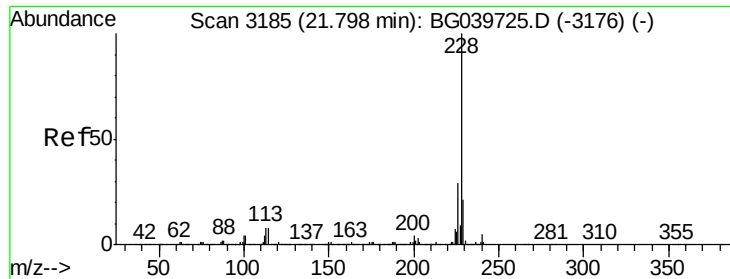


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.170 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

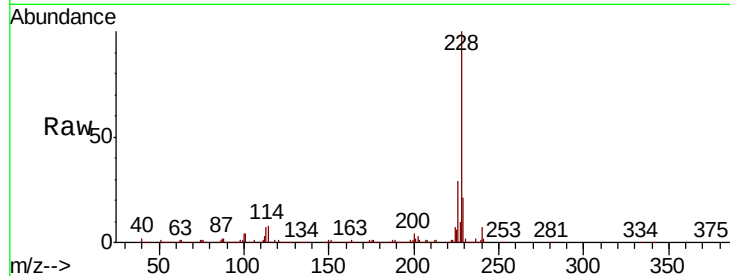
Tgt Ion:228 Resp: 701544

Ion Ratio Lower Upper

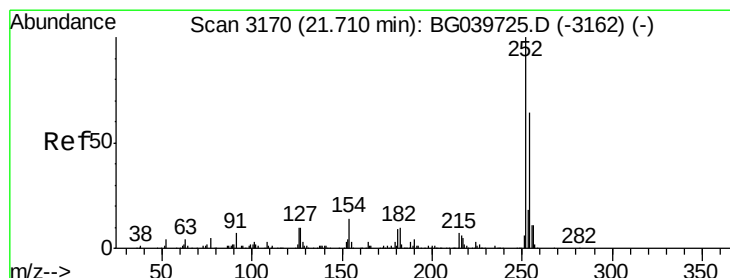
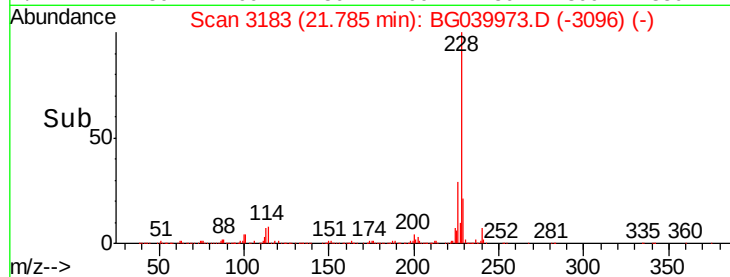
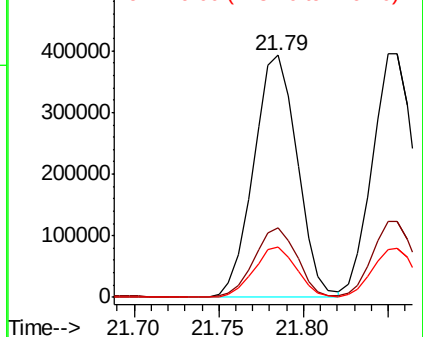
228 100

226 28.8 23.0 34.6

229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.943 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

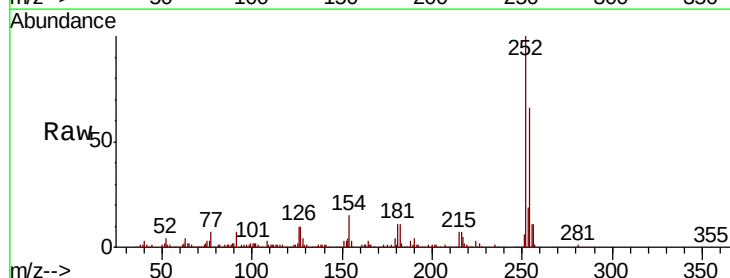
Tgt Ion:252 Resp: 254679

Ion Ratio Lower Upper

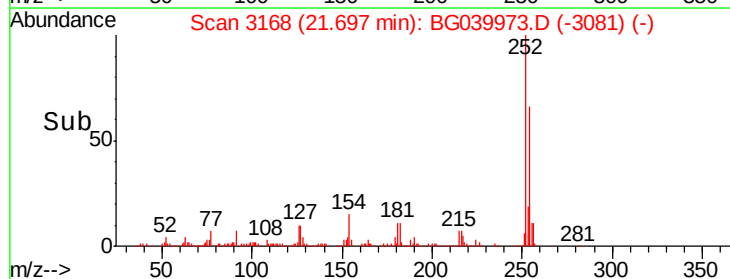
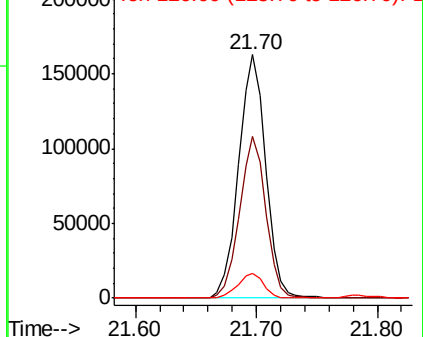
252 100

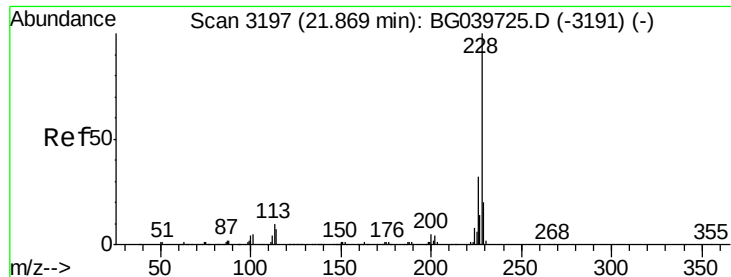
254 66.3 51.3 76.9

126 9.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.289 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

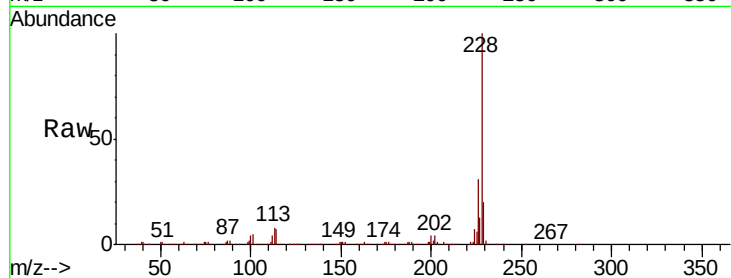
Tgt Ion:228 Resp: 682140

Ion Ratio Lower Upper

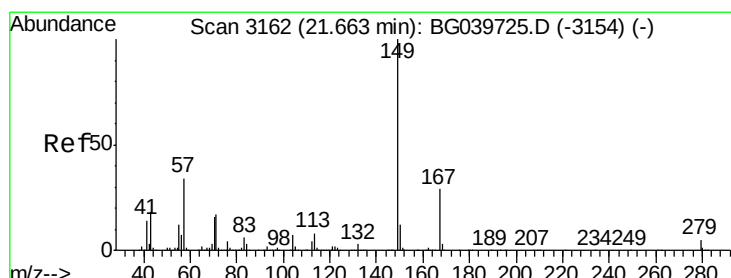
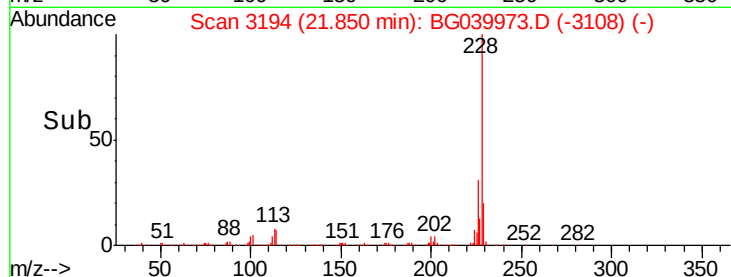
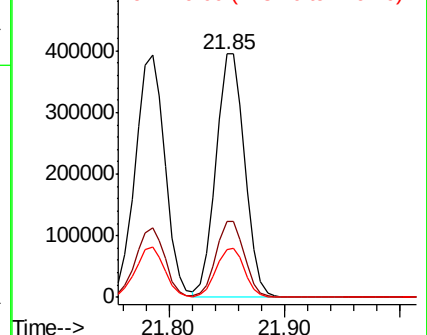
228 100

226 31.0 25.8 38.6

229 19.7 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.269 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

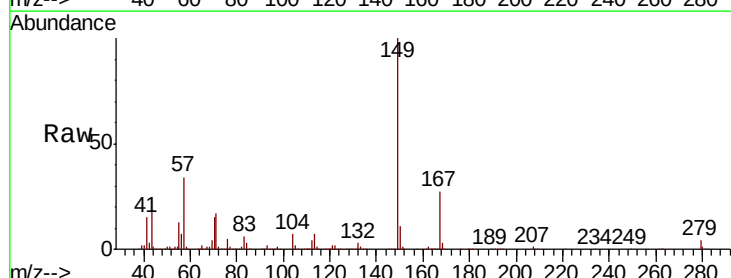
Tgt Ion:149 Resp: 416696

Ion Ratio Lower Upper

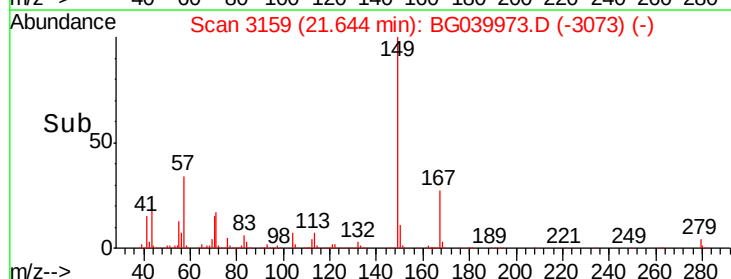
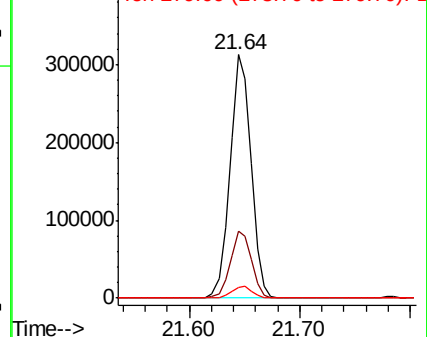
149 100

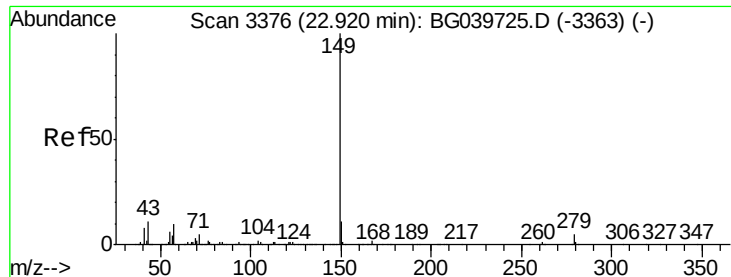
167 27.3 22.6 34.0

279 4.5 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





#85

Di-n-octyl phthalate

Concen: 42.795 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

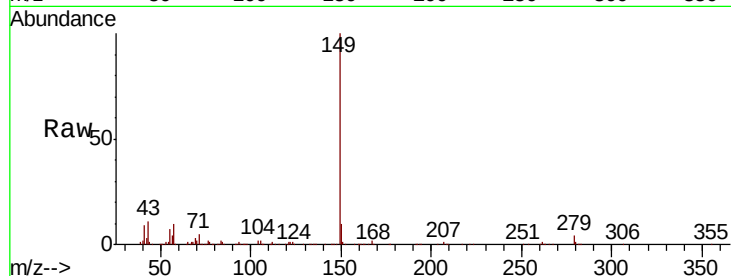
Tgt Ion:149 Resp: 698538

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

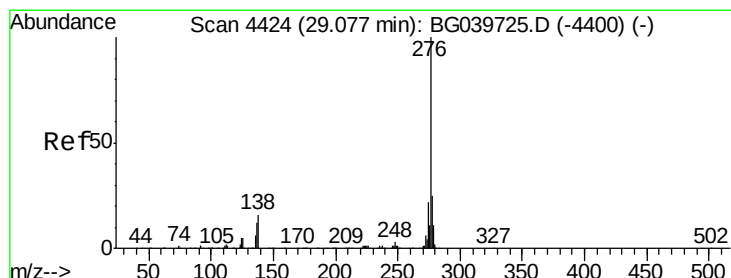
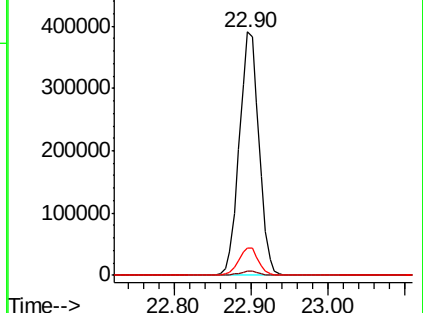
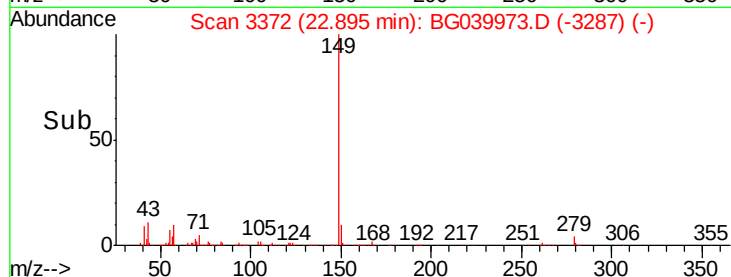
43 11.3 10.2 15.4



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: 40.172 ng

RT: 29.03 min Scan# 4417

Delta R.T. -0.05 min

Lab File: BG039973.D

Acq: 18 Mar 2019 17:19

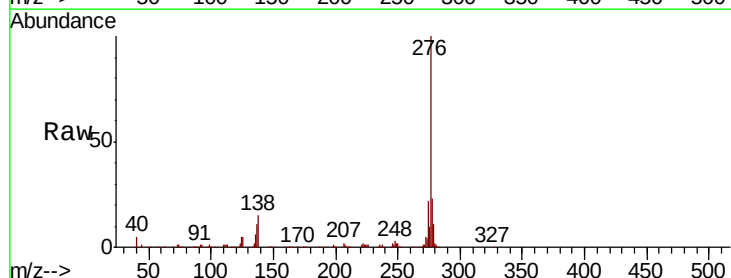
Tgt Ion:276 Resp: 771607

Ion Ratio Lower Upper

276 100

138 13.0 12.6 19.0

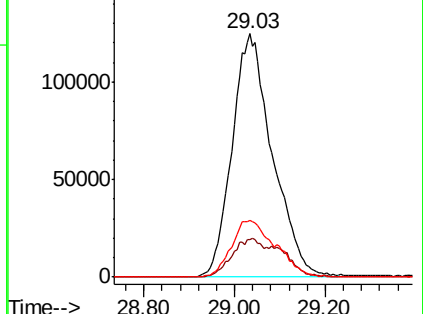
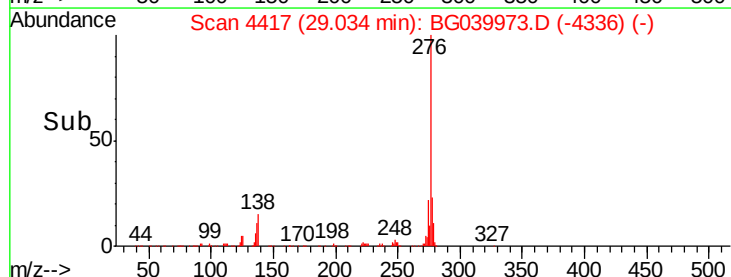
277 25.5 20.8 31.2

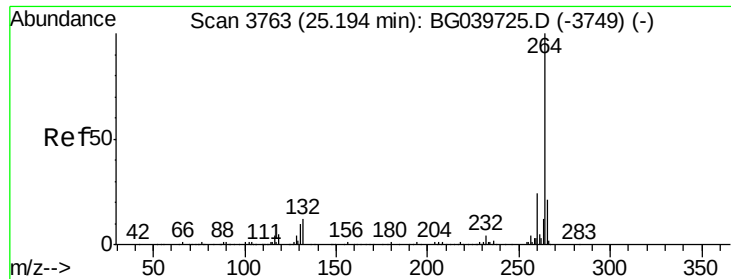


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

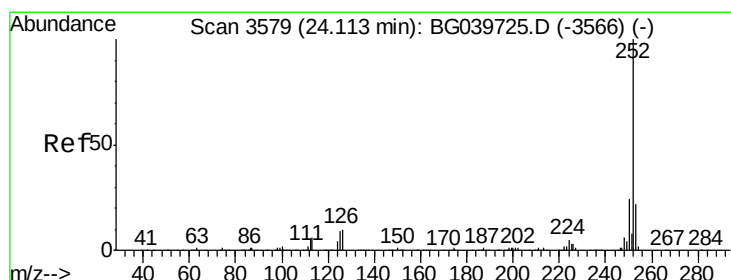
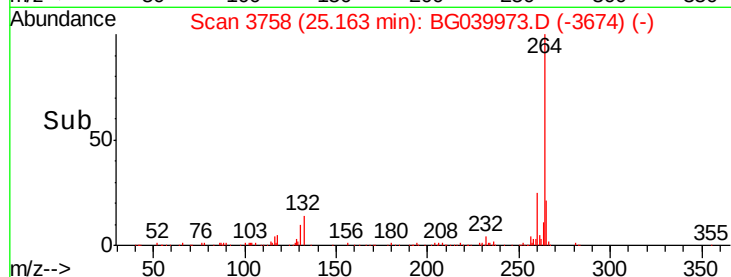
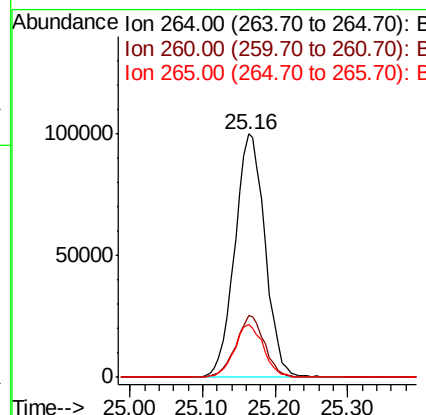
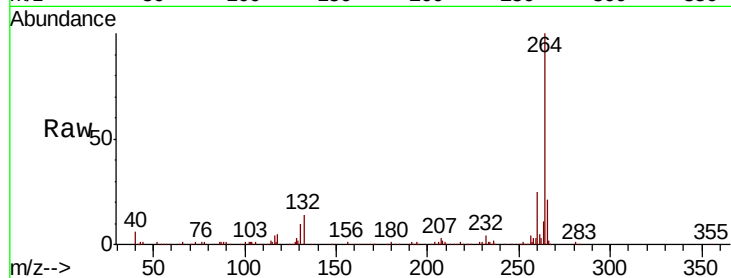




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

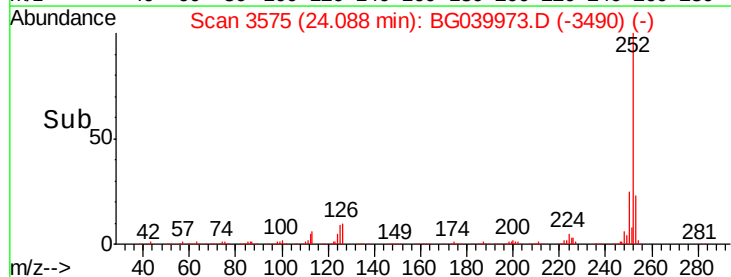
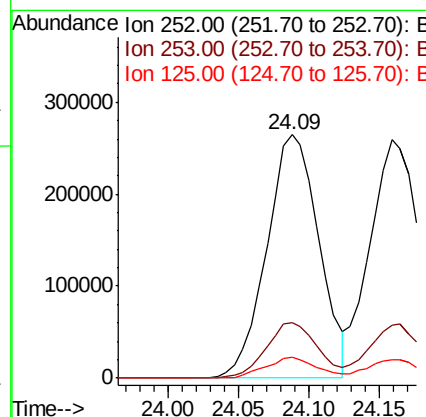
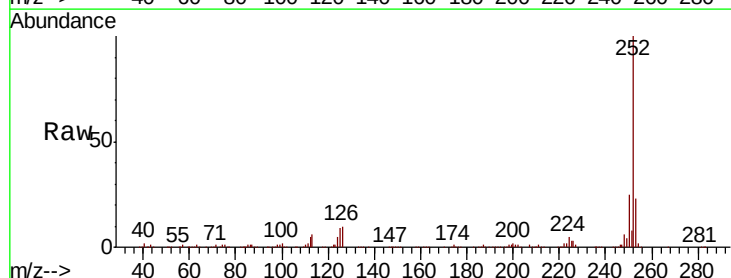
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

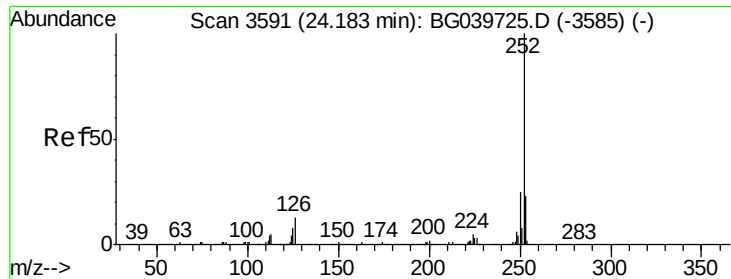
Tgt Ion:264 Resp: 288404
Ion Ratio Lower Upper
264 100
260 25.3 18.2 27.4
265 21.5 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 39.647 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion:252 Resp: 681859
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.7 7.8 11.6

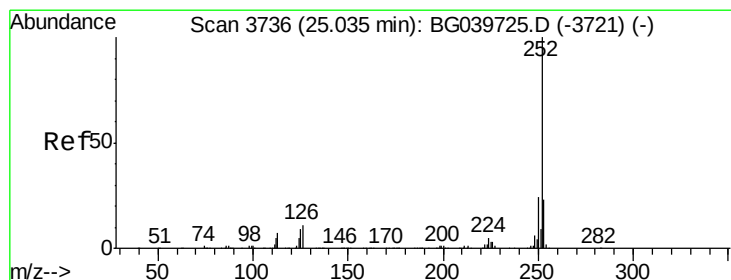
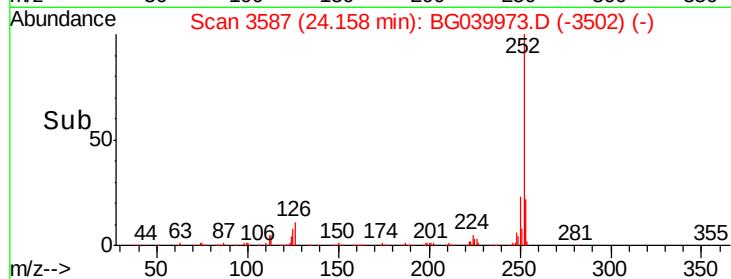
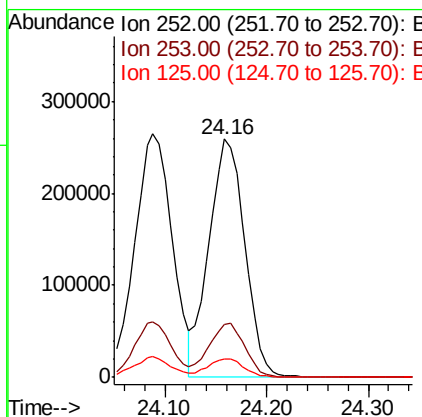
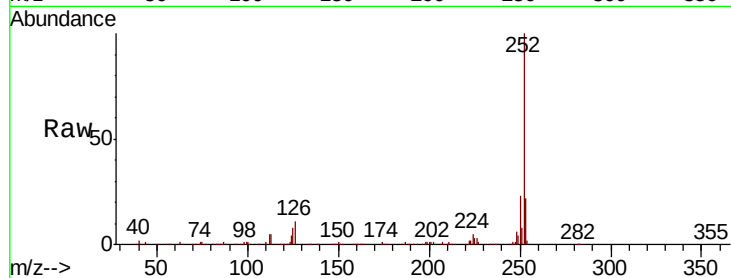




#89
Benzo(k)fluoranthene
Concen: 39.730 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

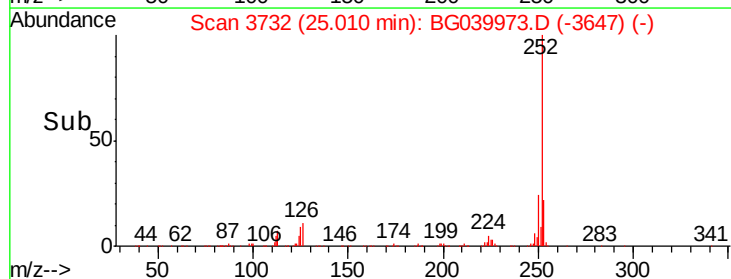
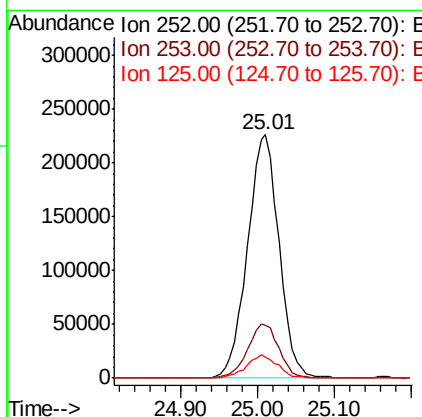
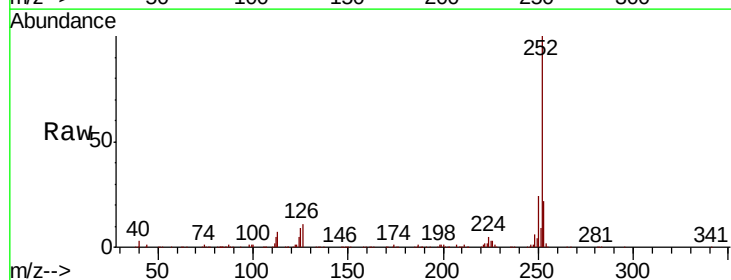
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

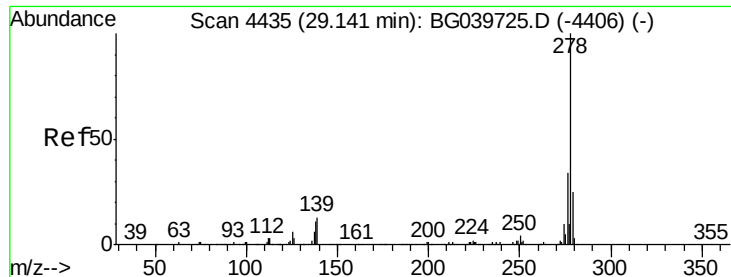
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.9	7.4	11.2



#90
Benzo(a)pyrene
Concen: 40.753 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.8	8.3	12.5



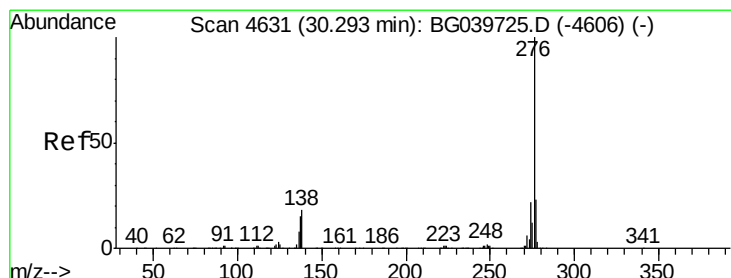
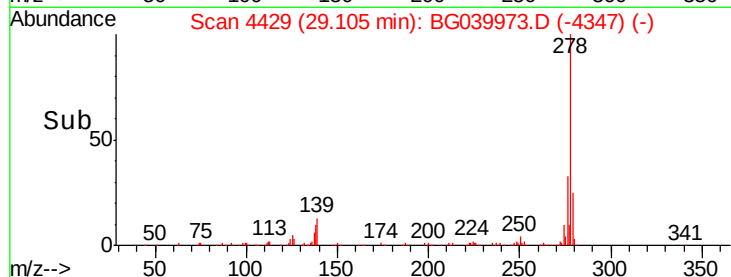
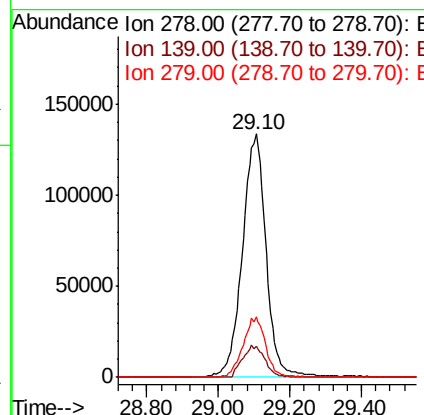
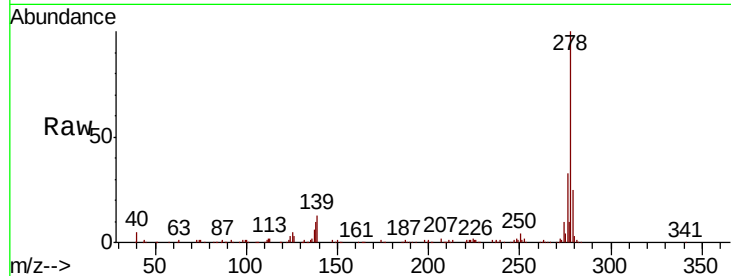


#91
Dibenzo(a,h)anthracene
Concen: 39.676 ng
RT: 29.10 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 278 Resp: 618140

Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	24.7	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 39.789 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG039973.D
Acq: 18 Mar 2019 17:19

Tgt Ion: 276 Resp: 622590

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	18.1	14.7	22.1

