

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040744.D
 Acq On : 4 May 2019 3:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 23:11:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57663	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	253460	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	185475	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	485021	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	526926	20.00	ng	-0.02
87) Perylene-d12	25.16	264	530684	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	284889	87.09	ng	0.00
7) Phenol-d6	7.28	99	440890	87.54	ng	-0.01
23) Nitrobenzene-d5	9.33	82	493093	89.89	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	237024	92.97	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	1050348	81.79	ng	-0.02
79) Terphenyl-d14	20.12	244	1906444	80.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	61675	41.457	ng	92
3) Pyridine	3.95	79	180609	41.885	ng	98
4) n-Nitrosodimethylamine	3.88	42	100976	42.218	ng	# 90
6) Aniline	7.47	93	272156	40.767	ng	99
8) 2-Chlorophenol	7.70	128	165209	41.362	ng	95
9) Benzaldehyde	7.28	77	137940	48.285	ng	97
10) Phenol	7.31	94	233468	43.122	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	162688	40.071	ng	98
12) 1,3-Dichlorobenzene	8.03	146	183013	41.979	ng	100
13) 1,4-Dichlorobenzene	8.18	146	184215	41.682	ng	99
14) 1,2-Dichlorobenzene	8.51	146	174901	41.036	ng	95
15) Benzyl Alcohol	8.38	79	207961	39.682	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	292126	36.140	ng	98
17) 2-Methylphenol	8.58	107	160496	41.888	ng	95
18) Hexachloroethane	9.24	117	71475	39.425	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	176902	39.018	ng	95
20) 3+4-Methylphenols	8.91	107	220194	41.253	ng	96
22) Acetophenone	8.98	105	294403	41.771	ng	# 98
24) Nitrobenzene	9.37	77	256357	43.802	ng	98
25) Isophorone	9.89	82	482261	39.469	ng	99
26) 2-Nitrophenol	10.08	139	109751	52.314	ng	95
27) 2,4-Dimethylphenol	10.12	122	165144	41.955	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	246180	40.157	ng	99
29) 2,4-Dichlorophenol	10.60	162	205749	45.977	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	218326	43.995	ng	97
31) Naphthalene	11.02	128	564802	41.944	ng	99
32) Benzoic acid	10.18	122	9899	3.674	ng	96
33) 4-Chloroaniline	11.13	127	254274	42.590	ng	97
34) Hexachlorobutadiene	11.29	225	162156	44.261	ng	97
35) Caprolactam	11.93	113	75775	42.889	ng	# 89
36) 4-Chloro-3-methylphenol	12.23	107	255252	45.215	ng	98
37) 2-Methylnaphthalene	12.61	142	423458	42.060	ng	99
38) 1-Methylnaphthalene	12.83	142	416408	42.314	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	301602	43.651	ng	98

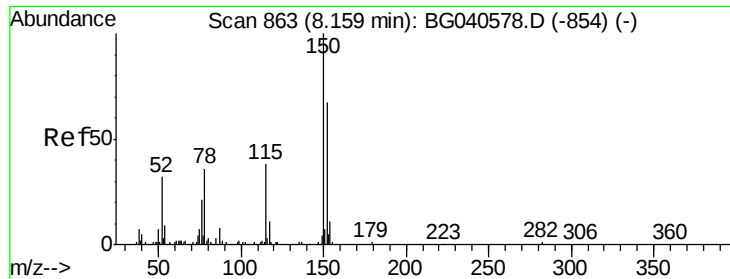
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	177454	43.524	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	196843	47.143	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	215231	47.319	ng	98
46) 1,1'-Biphenyl	13.61	154	583749	40.537	ng	96
47) 2-Chloronaphthalene	13.66	162	467167	41.454	ng	99
48) 2-Nitroaniline	13.87	65	197271	49.176	ng	98
49) Acenaphthylene	14.51	152	778858	40.735	ng	99
50) Dimethylphthalate	14.22	163	646797	41.680	ng	98
51) 2,6-Dinitrotoluene	14.35	165	145680	48.100	ng	95
52) Acenaphthene	14.84	154	441780	39.675	ng	97
53) 3-Nitroaniline	14.69	138	150546	48.512	ng #	97
54) 2,4-Dinitrophenol	14.88	184	6034	10.237	ng #	82
55) Dibenzofuran	15.18	168	768817	42.154	ng	100
56) 4-Nitrophenol	14.97	139	105017	39.027	ng #	89
57) 2,4-Dinitrotoluene	15.13	165	211782	51.459	ng	96
58) Fluorene	15.82	166	620901	42.120	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	192286	42.001	ng	92
60) Diethylphthalate	15.57	149	674523	41.197	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	376078	43.865	ng	97
62) 4-Nitroaniline	15.85	138	158679	45.711	ng	93
63) Azobenzene	16.10	77	664689	39.420	ng	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	21032	14.600	ng	94
66) n-Nitrosodiphenylamine	16.02	169	563926	39.519	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	254689	42.148	ng	95
68) Hexachlorobenzene	16.81	284	262286	41.978	ng	94
69) Atrazine	16.96	200	217802	38.524	ng	99
70) Pentachlorophenol	17.16	266	70956	19.407	ng	95
71) Phenanthrene	17.57	178	1067350	40.856	ng	99
72) Anthracene	17.65	178	1058054	40.292	ng	100
73) Carbazole	17.92	167	959284	40.096	ng	100
74) Di-n-butylphthalate	18.46	149	1118609	38.738	ng	99
75) Fluoranthene	19.56	202	1350034	41.469	ng	100
77) Benzidine	19.74	184	527811	36.584	ng	98
78) Pyrene	19.93	202	1357231	41.097	ng	98
80) Butylbenzylphthalate	20.79	149	522502	40.593	ng	98
81) Benzo(a)anthracene	21.79	228	1357848	40.774	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	495744	41.765	ng	99
83) Chrysene	21.86	228	1297614	40.971	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	717800	38.632	ng	98
85) Di-n-octyl phthalate	22.92	149	1222805	39.077	ng	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1485046	38.782	ng #	88
88) Benzo(b)fluoranthene	24.09	252	1342640	41.402	ng	99
89) Benzo(k)fluoranthene	24.09	252	1342640	44.332	ng	98
90) Benzo(a)pyrene	25.00	252	1280235	41.705	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	1195816	38.495	ng #	95
92) Benzo(g,h,i)perylene	30.25	276	1208544	39.091	ng	98

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

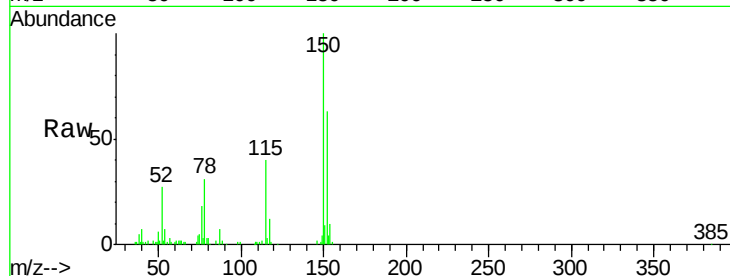


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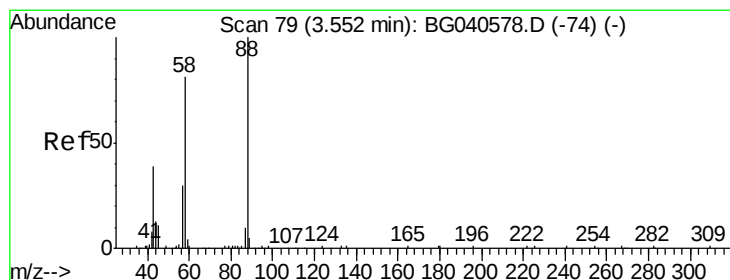
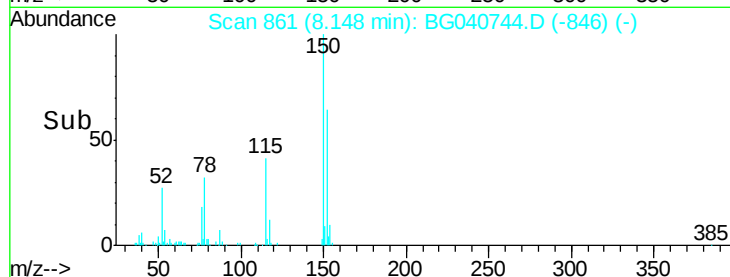
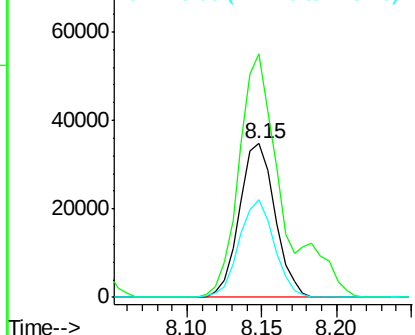
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	120.2	180.2
115	63.2	46.2	69.2



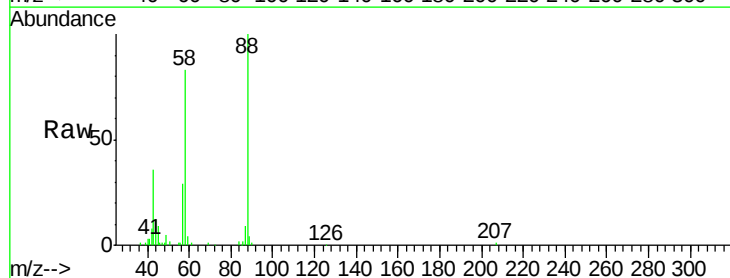
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



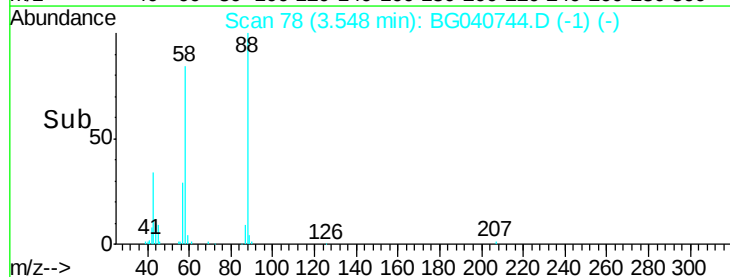
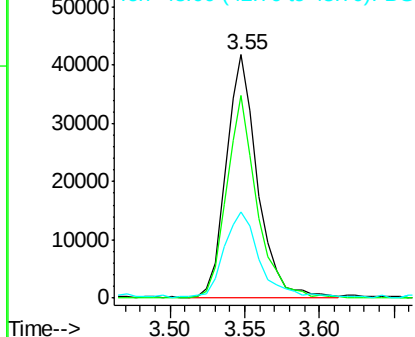
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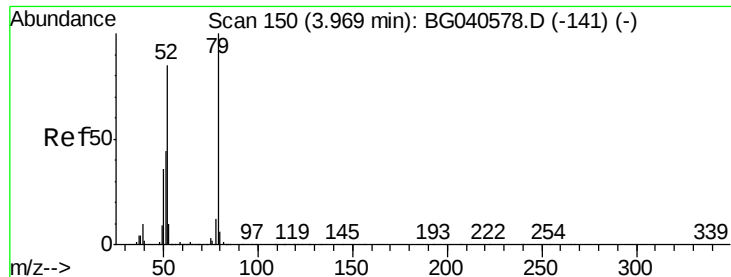
1,4-Dioxane
Concen: 41.457 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	71.2	106.8
43	41.0	35.6	53.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.885 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

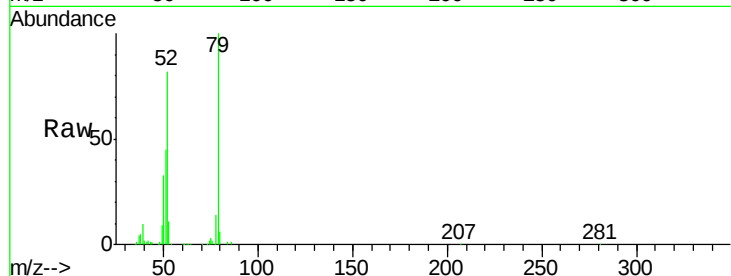
Tot Ion: 79 Resp: 180609

Ion Ratio Lower Upper

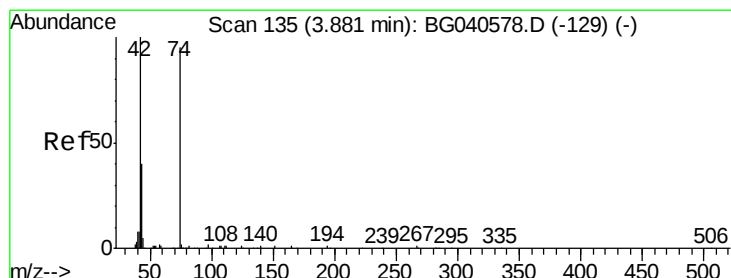
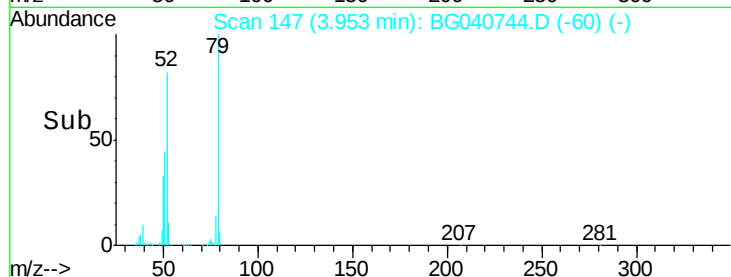
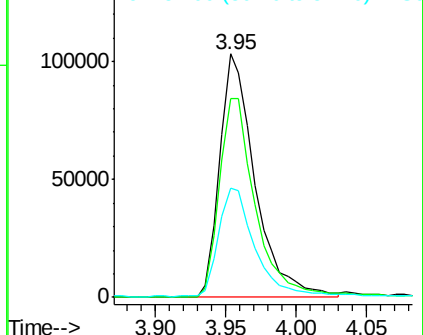
79 100

52 81.7 67.5 101.3

51 44.9 35.6 53.4



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: 42.218 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

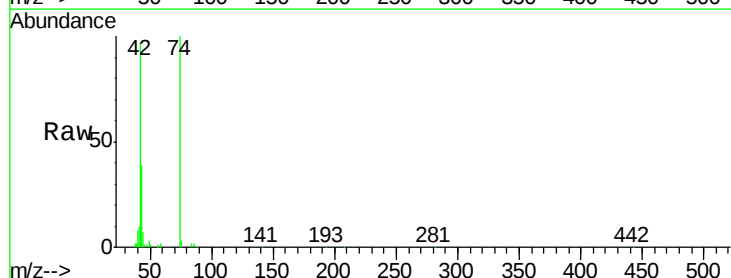
Tgt Ion: 42 Resp: 100976

Ion Ratio Lower Upper

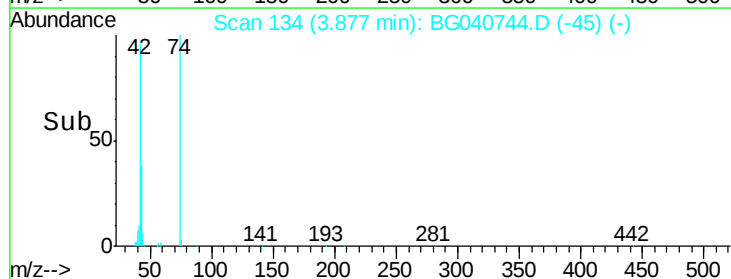
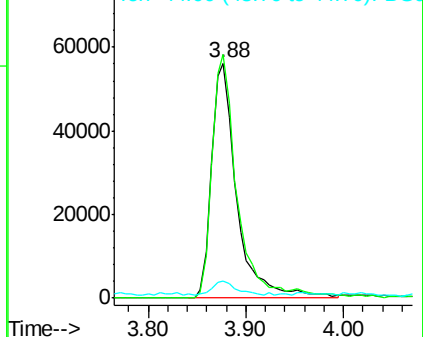
42 100

74 103.5 74.6 111.8

44 7.2 7.4 11.0#



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: 87.091 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

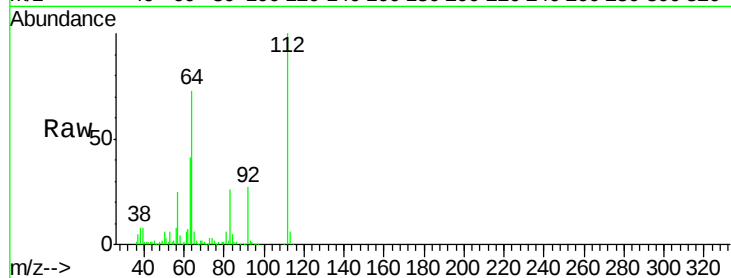
Tot Ion:112 Resp: 284889

Ion Ratio Lower Upper

112 100

64 73.0 61.4 92.0

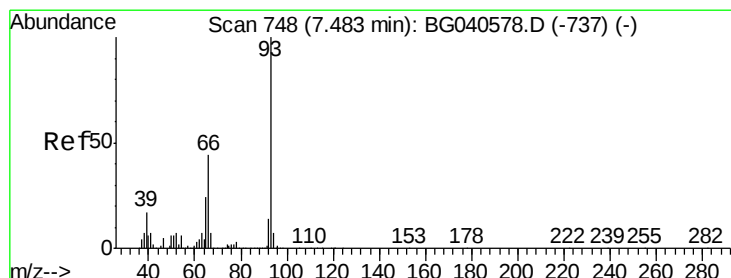
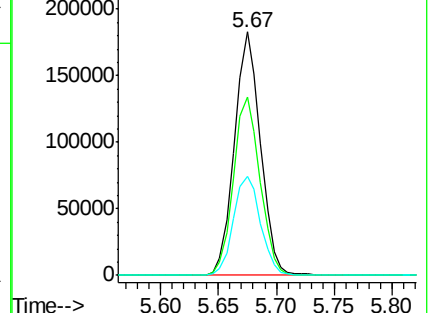
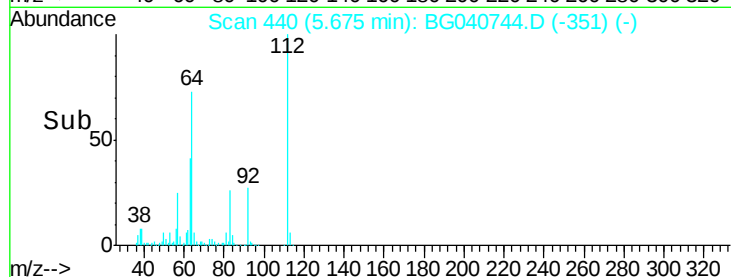
63 40.7 37.8 56.6



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: 40.767 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

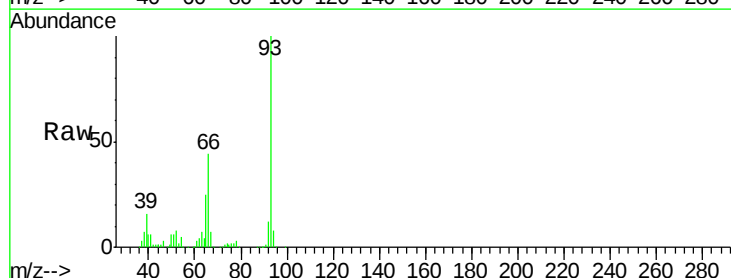
Tgt Ion: 93 Resp: 272156

Ion Ratio Lower Upper

93 100

66 44.2 35.5 53.3

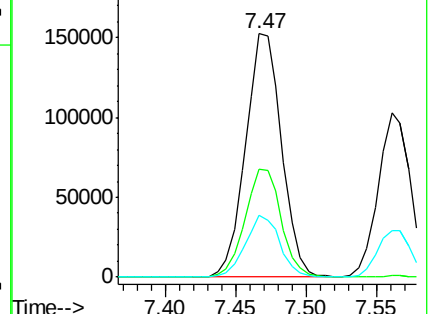
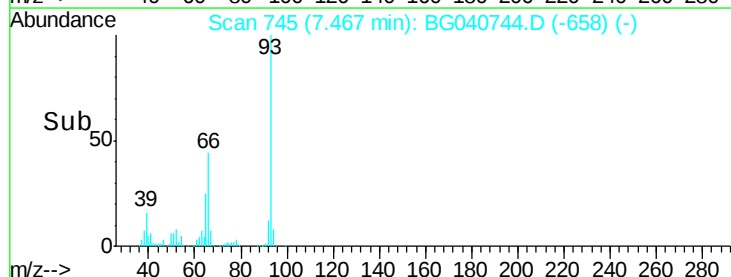
65 25.2 19.2 28.8



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: 87.536 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

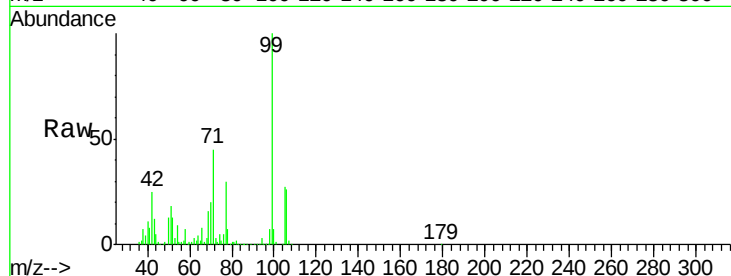
Tot Ion: 99 Resp: 440890

Ion Ratio Lower Upper

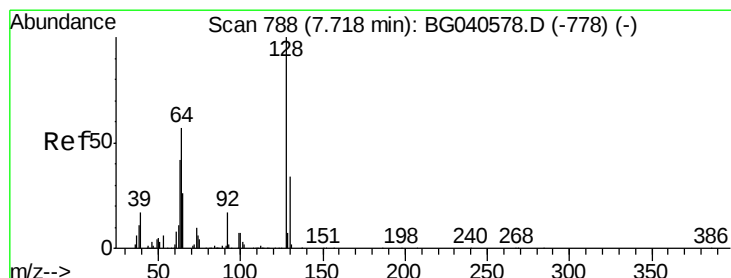
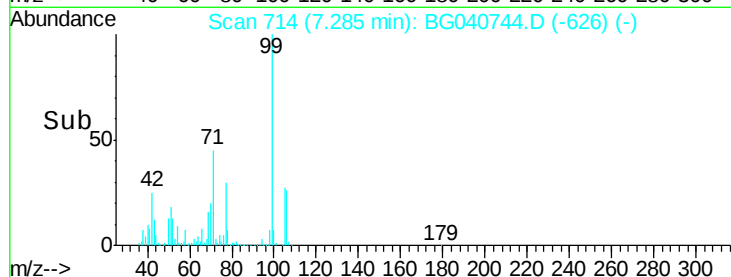
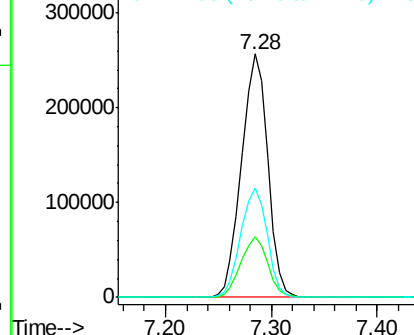
99 100

42 24.6 21.8 32.8

71 44.6 38.6 57.8



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



#8

2-Chlorophenol

Concen: 41.362 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

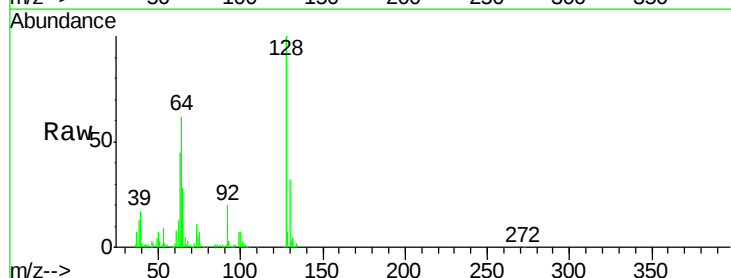
Tgt Ion: 128 Resp: 165209

Ion Ratio Lower Upper

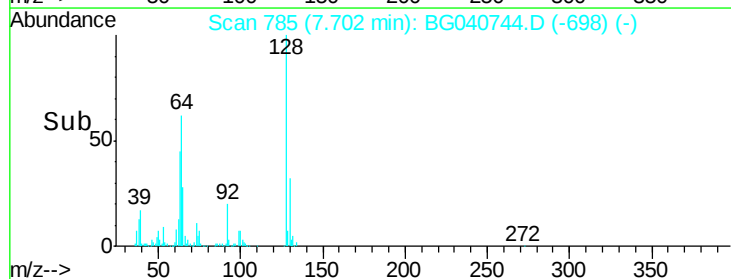
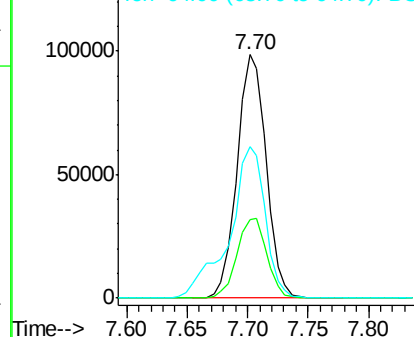
128 100

130 32.4 14.5 54.5

64 62.3 38.4 78.4



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





#9

Benzaldehyde

Concen: 48.285 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

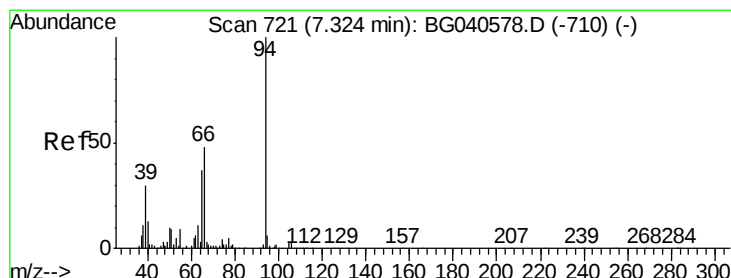
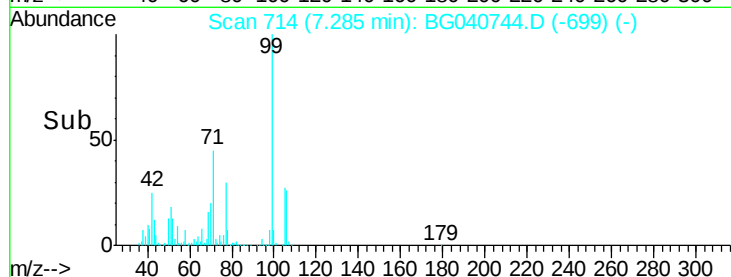
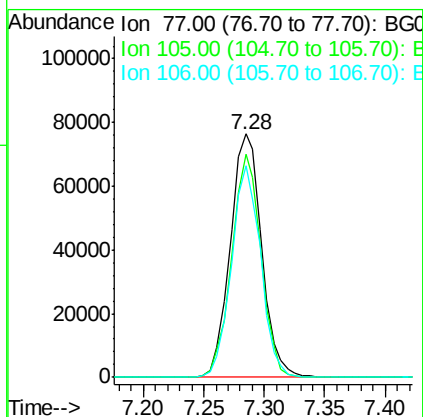
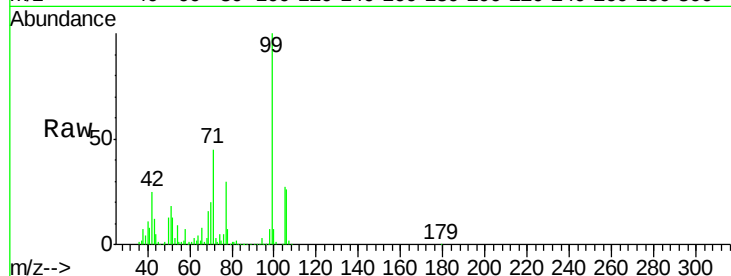
Tot Ion: 77 Resp: 137940

Ion Ratio Lower Upper

77 100

105 91.7 72.0 112.0

106 86.8 61.2 101.2



#10

Phenol

Concen: 43.122 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

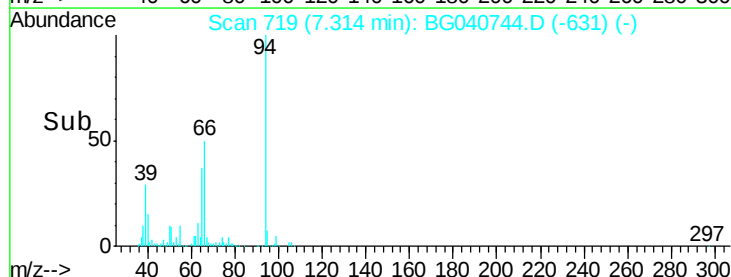
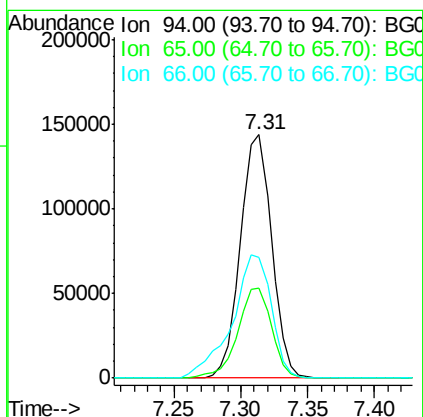
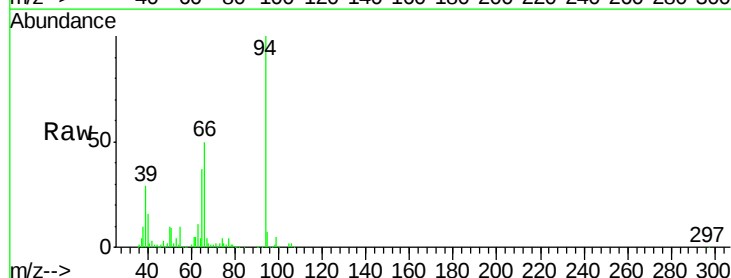
Tgt Ion: 94 Resp: 233468

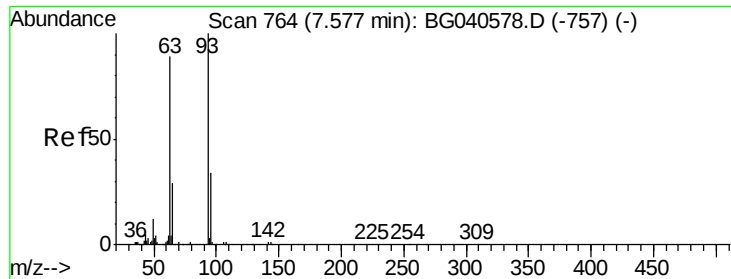
Ion Ratio Lower Upper

94 100

65 37.1 17.0 57.0

66 49.8 28.6 68.6

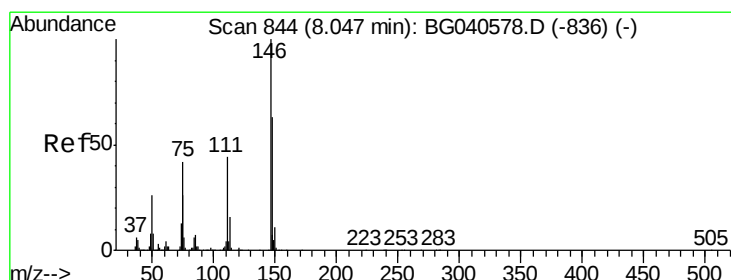
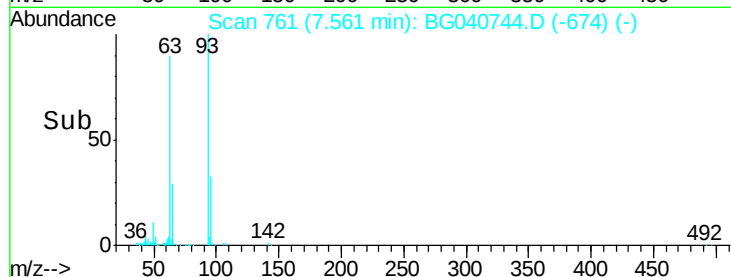
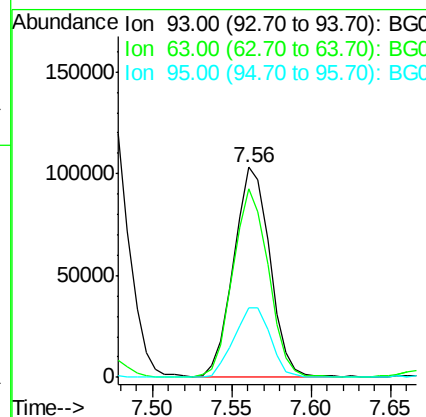
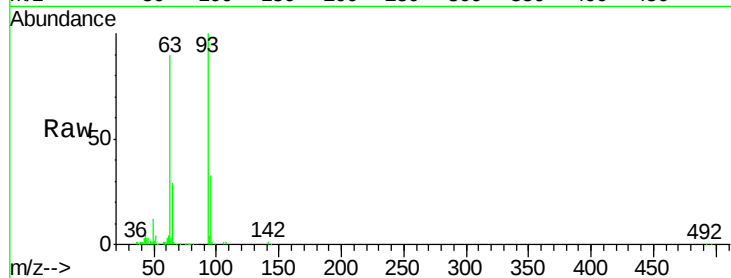




#11
 bis(2-Chloroethyl)ether
 Concen: 40.071 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

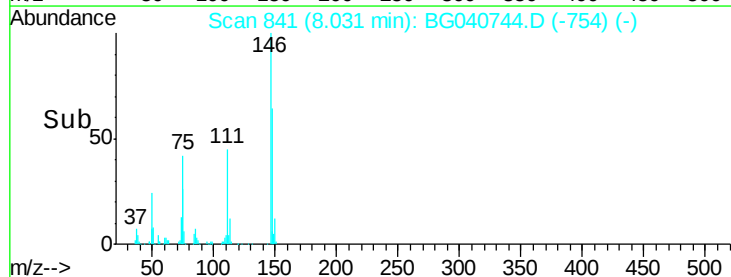
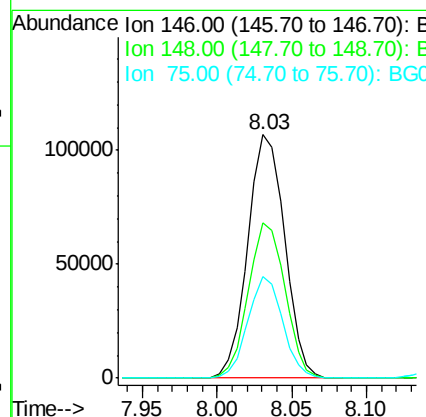
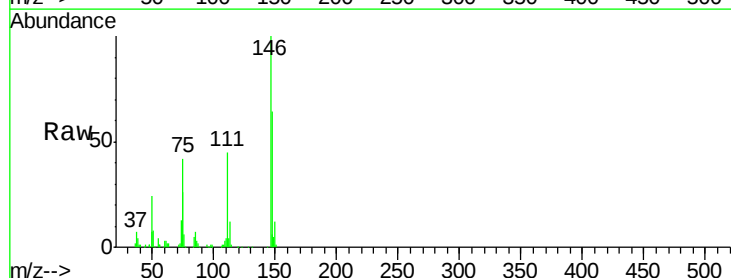
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

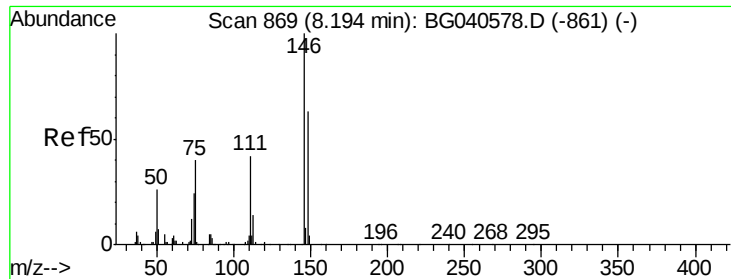
Tot Ion: 93 Resp: 162688
 Ion Ratio Lower Upper
 93 100
 63 90.0 68.2 108.2
 95 33.2 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 41.979 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion: 146 Resp: 183013
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.7 76.1
 75 41.7 33.4 50.2

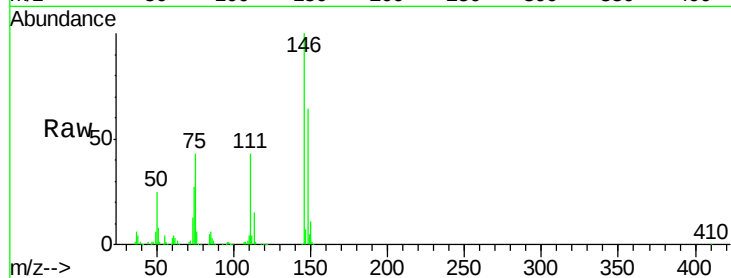




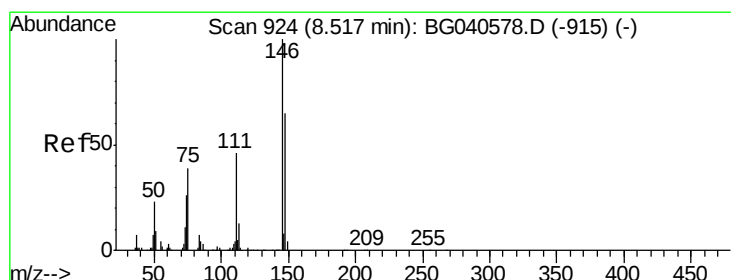
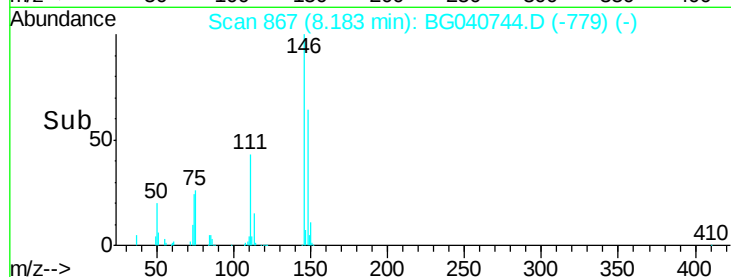
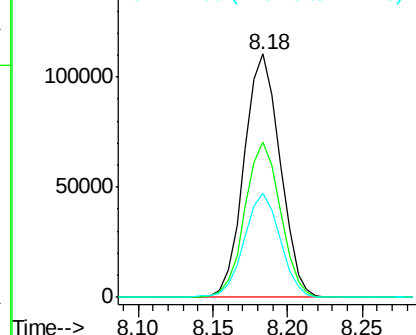
#13
 1,4-Dichlorobenzene
 Concen: 41.682 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 184215
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 42.6 34.3 51.5

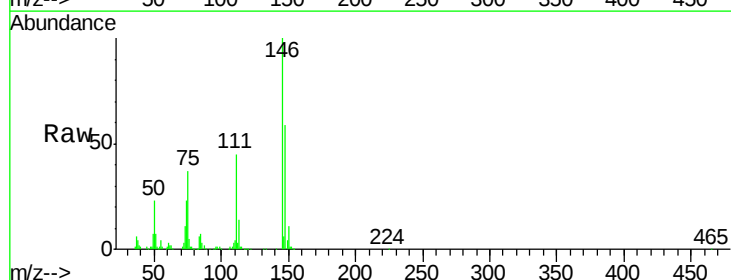


Abundance Ion 146.00 (145.70 to 146.70): E
 150000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

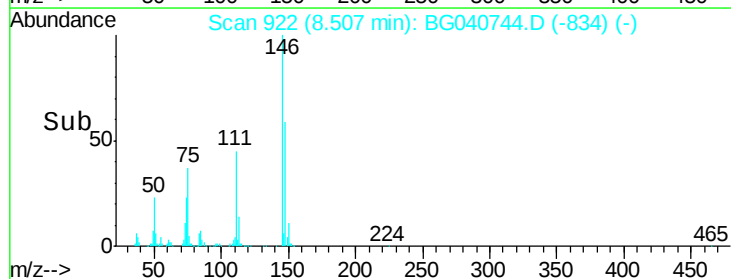
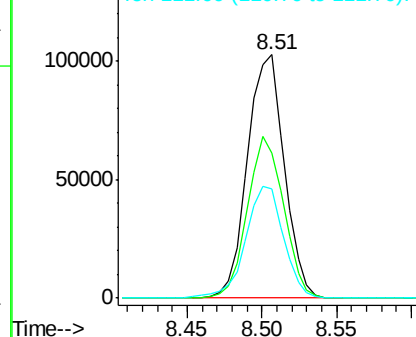


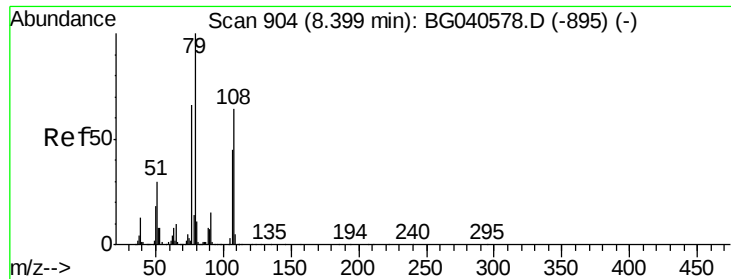
#14
 1,2-Dichlorobenzene
 Concen: 41.036 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion:146 Resp: 174901
 Ion Ratio Lower Upper
 146 100
 148 59.4 52.2 78.4
 111 44.9 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E
 100000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.682 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

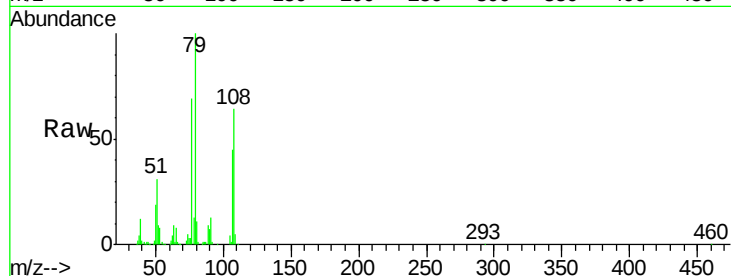
Tot Ion: 79 Resp: 207961

Ion Ratio Lower Upper

79 100

108 63.9 51.4 77.0

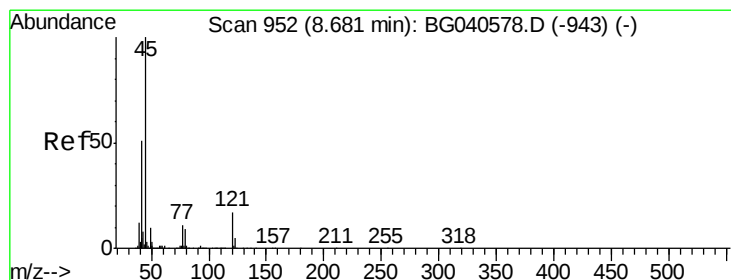
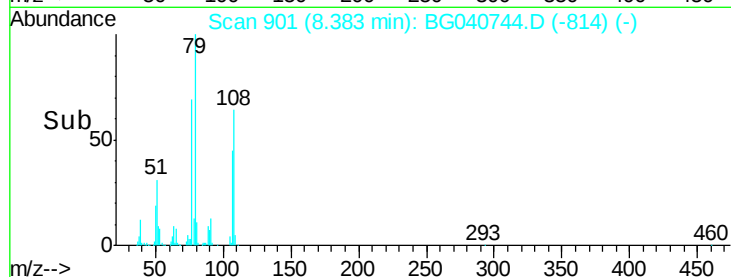
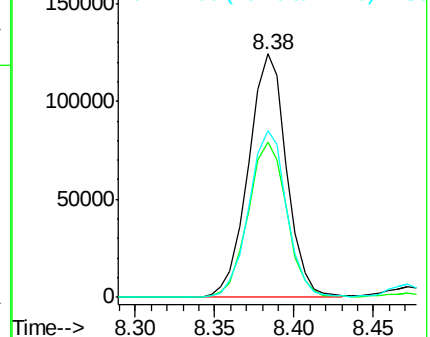
77 68.8 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.140 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

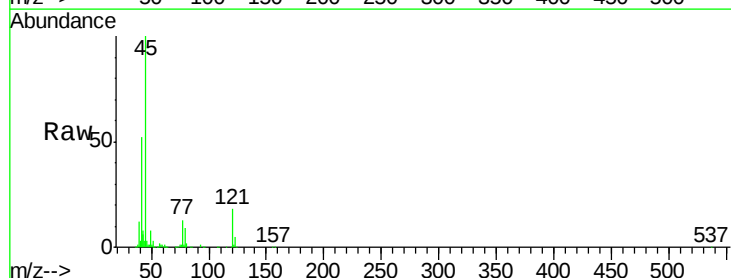
Tgt Ion: 45 Resp: 292126

Ion Ratio Lower Upper

45 100

77 12.5 0.0 31.5

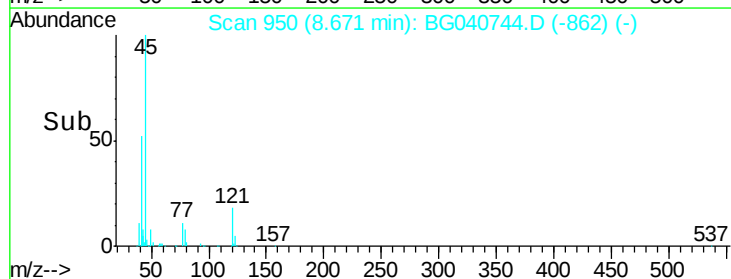
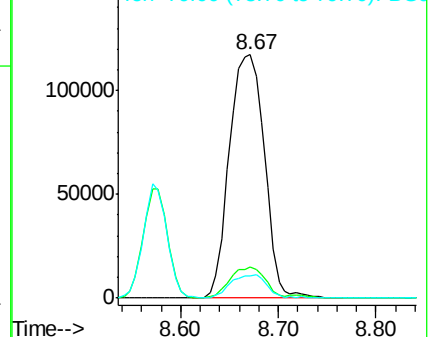
79 9.1 0.0 29.4

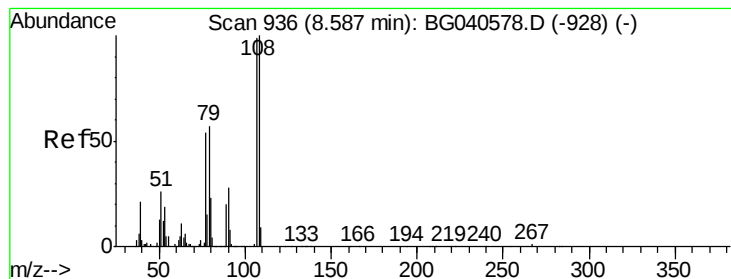


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.888 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 160496

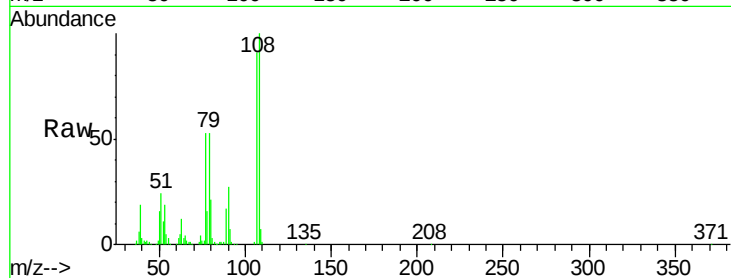
Ion Ratio Lower Upper

107 100

108 109.4 81.2 121.8

77 58.1 44.4 66.6

79 58.0 47.0 70.4

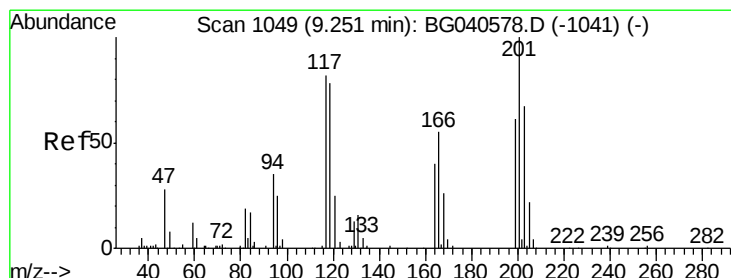
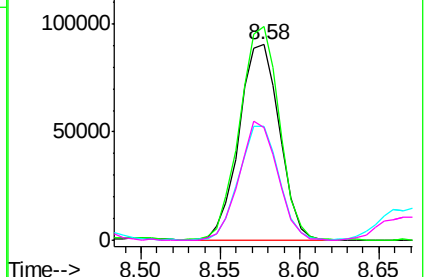
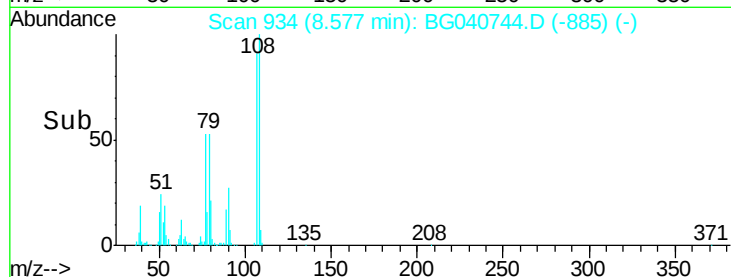


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.425 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

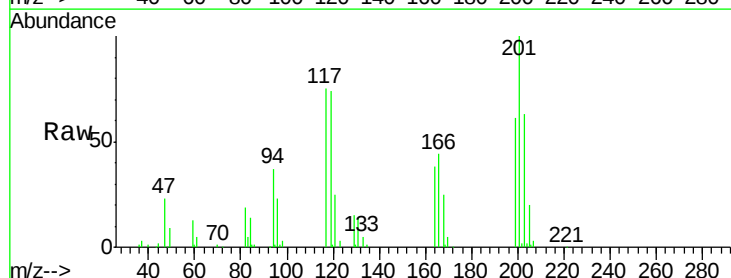
Tgt Ion:117 Resp: 71475

Ion Ratio Lower Upper

117 100

119 98.6 76.6 114.8

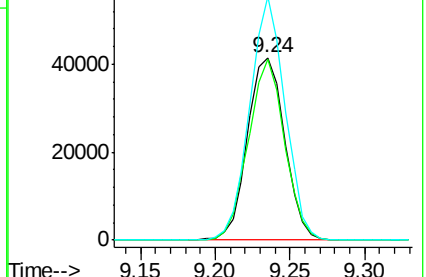
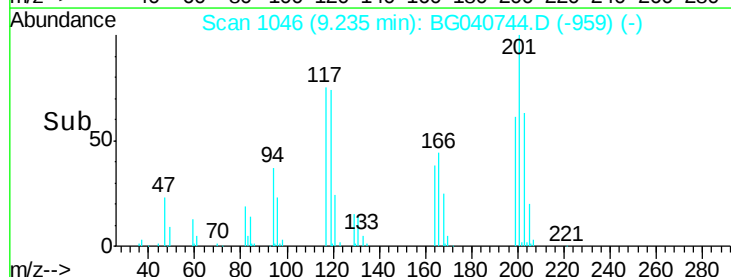
201 133.2 101.0 151.6

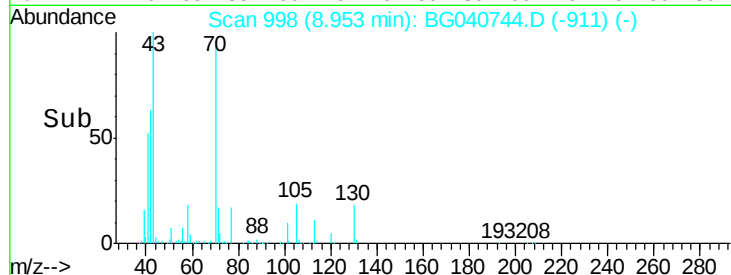
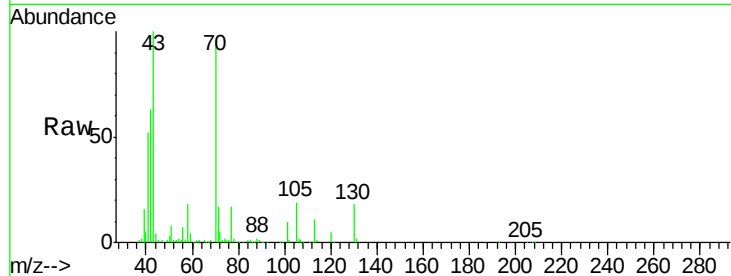
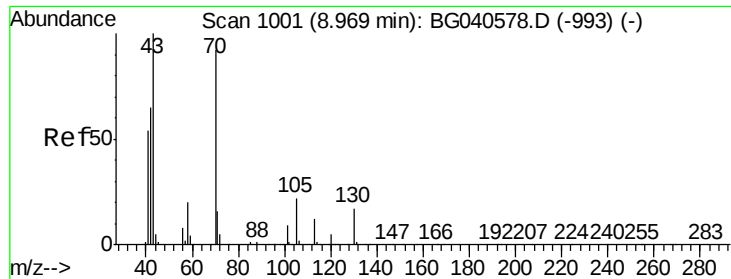


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

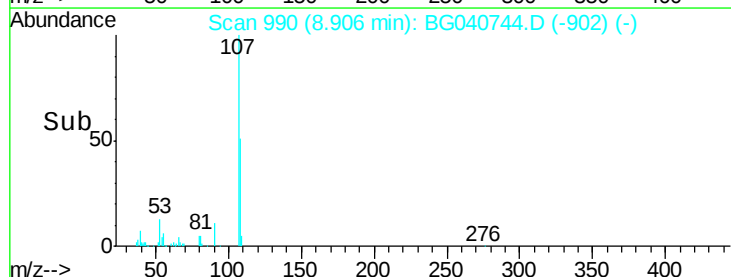
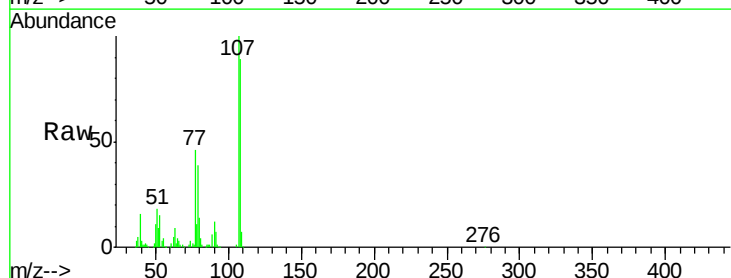
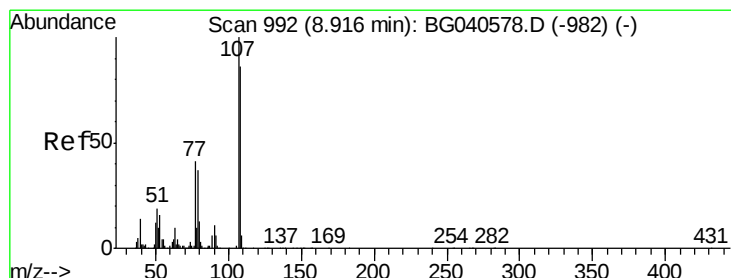
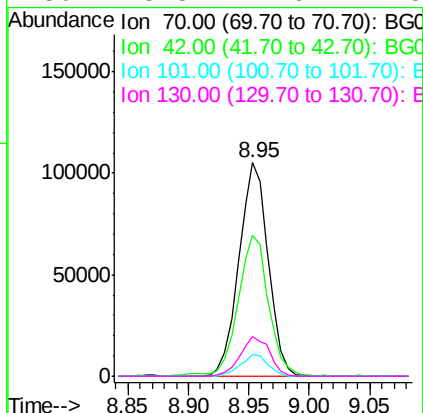




#19
n-Nitroso-di-n-propylamine
Concen: 39.018 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

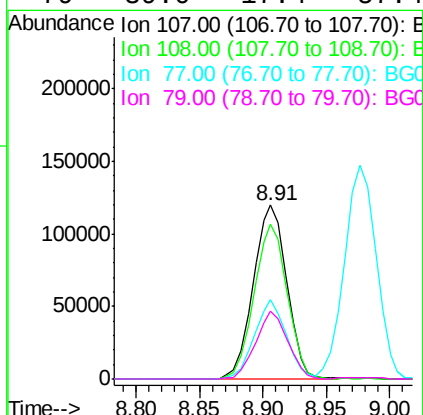
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	176902
Ion	Ratio	Lower	Upper
70	100		
42	65.9	57.1	85.7
101	10.0	7.8	11.8
130	18.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 41.253 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:	107	Resp:	220194
Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.1	106.1
77	46.0	21.6	61.6
79	39.0	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 253460

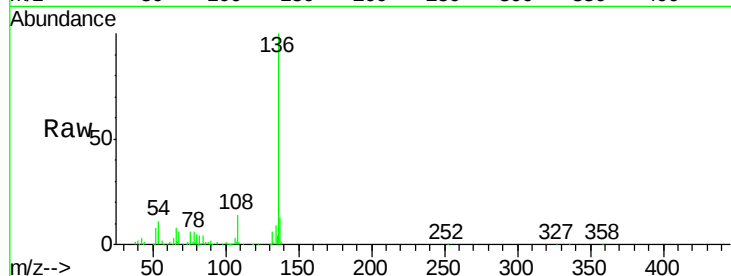
Ion Ratio Lower Upper

136 100

137 13.1 9.7 14.5

54 11.2 8.6 12.8

68 5.9 4.8 7.2

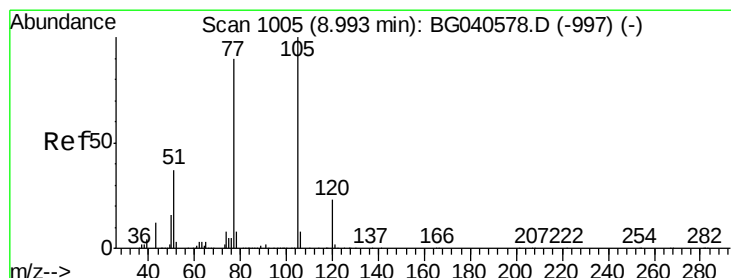
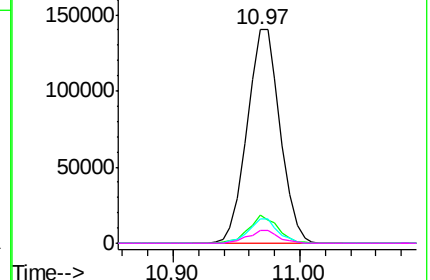
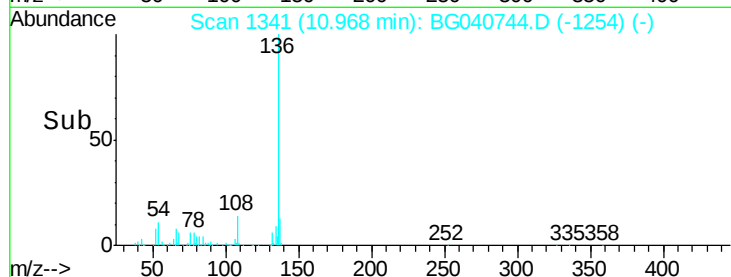


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.771 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Tgt Ion:105 Resp: 294403

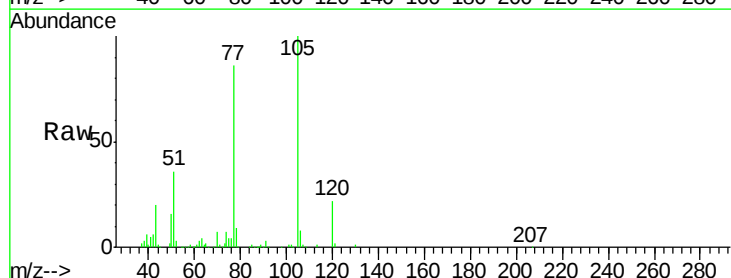
Ion Ratio Lower Upper

105 100

71 1.2 1.8 2.8#

51 36.4 29.8 44.8

120 21.7 18.4 27.6

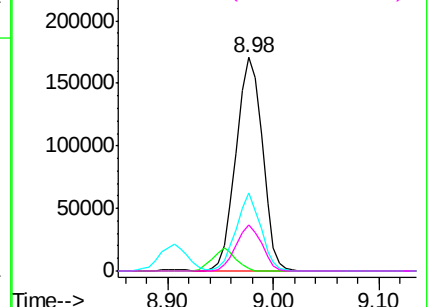
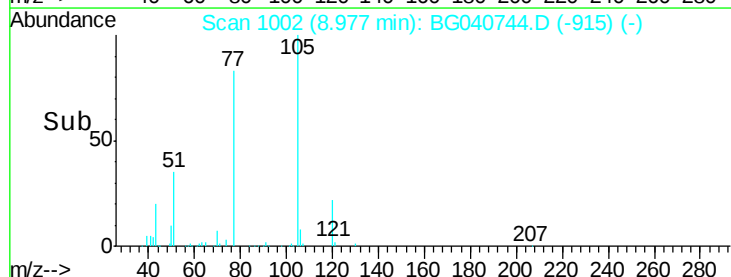


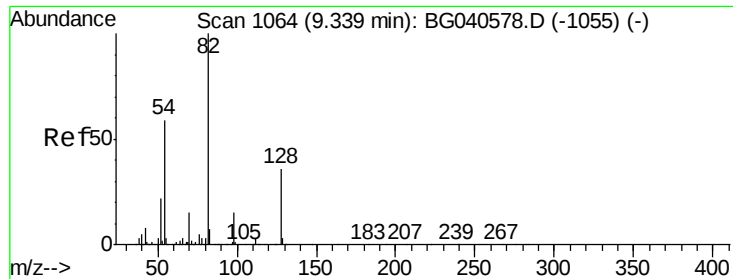
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.892 ng

RT: 9.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

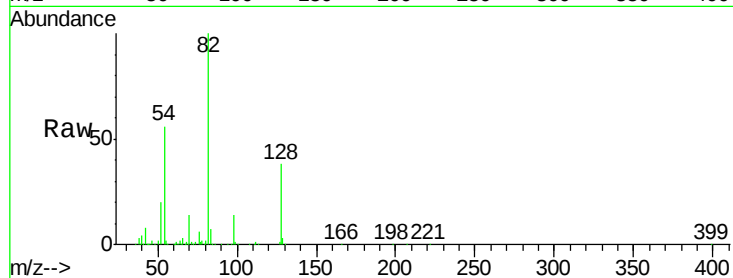
Tot Ion: 82 Resp: 493093

Ion Ratio Lower Upper

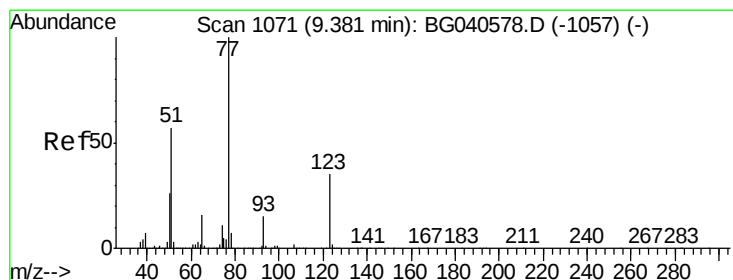
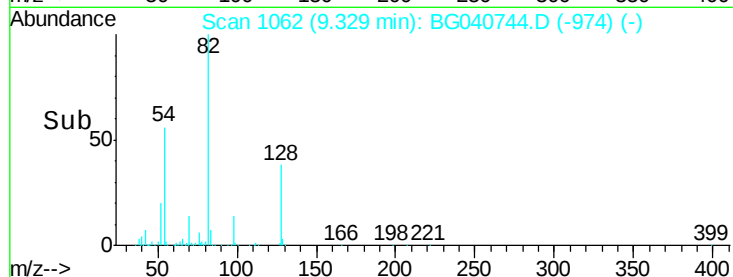
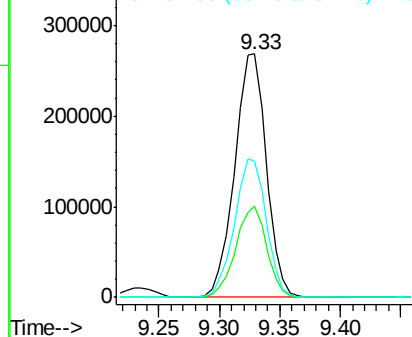
82 100

128 37.6 28.9 43.3

54 56.0 47.2 70.8



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: 43.802 ng

RT: 9.37 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

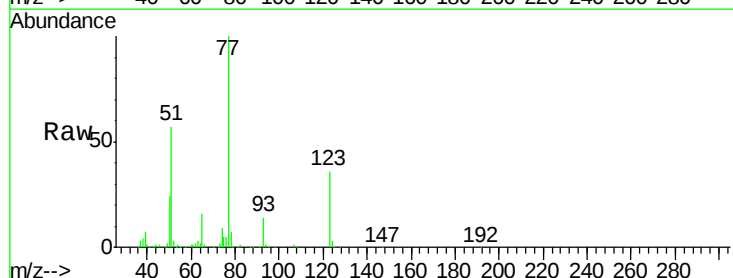
Tgt Ion: 77 Resp: 256357

Ion Ratio Lower Upper

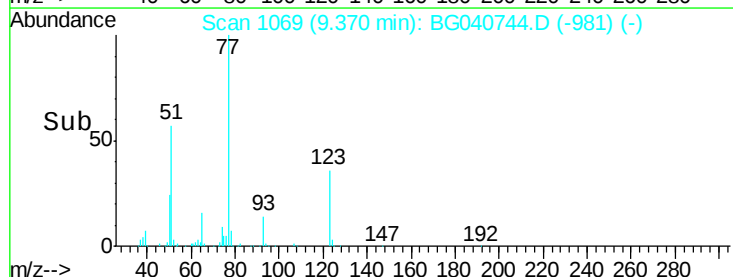
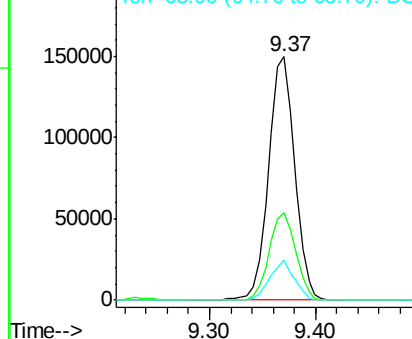
77 100

123 36.2 27.8 41.6

65 16.3 12.4 18.6



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





#25

Isophorone

Concen: 39.469 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

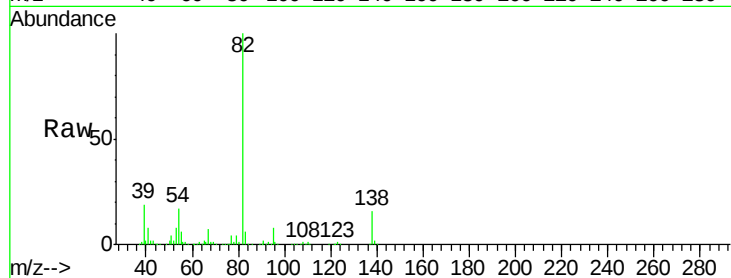
Tot Ion: 82 Resp: 482261

Ion Ratio Lower Upper

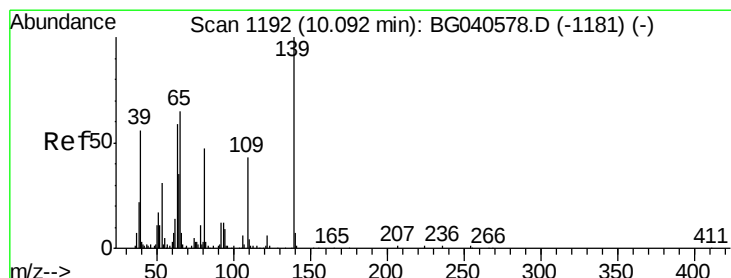
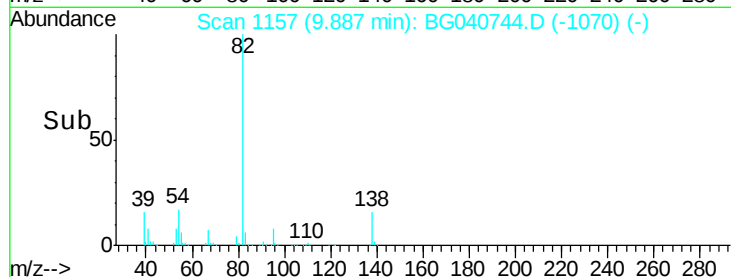
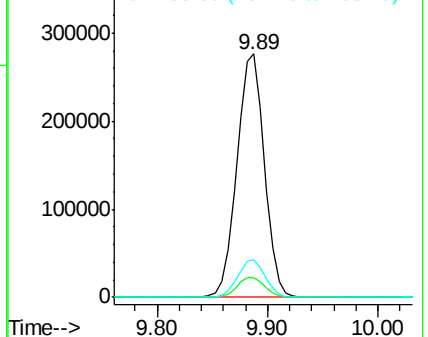
82 100

95 7.9 6.9 10.3

138 15.7 12.3 18.5



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



#26

2-Nitrophenol

Concen: 52.314 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

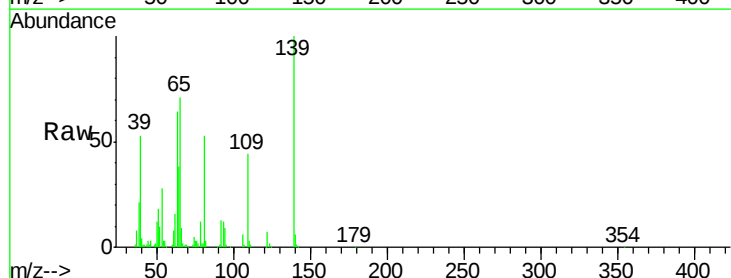
Tgt Ion: 139 Resp: 109751

Ion Ratio Lower Upper

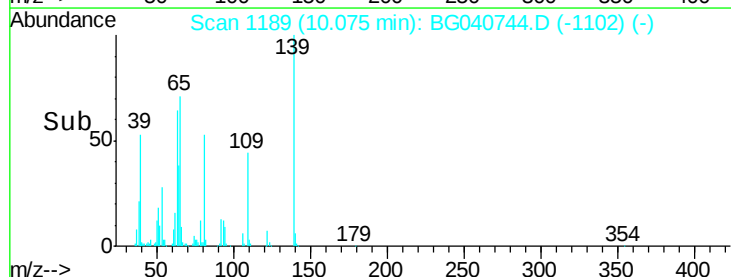
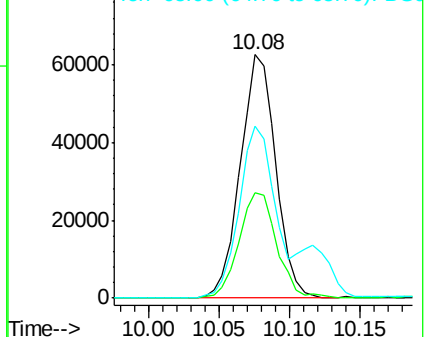
139 100

109 43.5 35.6 53.4

65 70.8 52.3 78.5



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

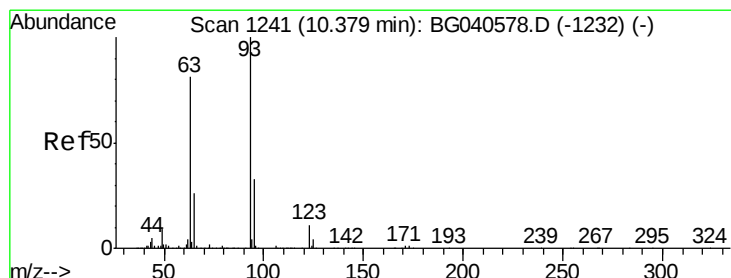
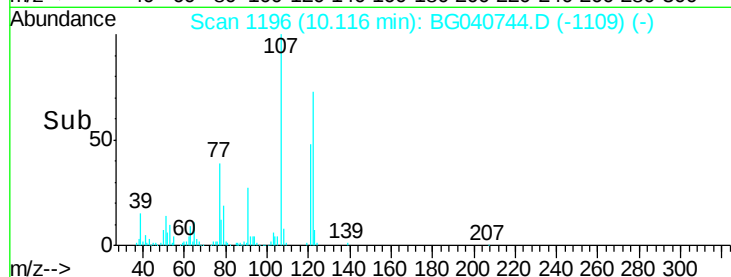
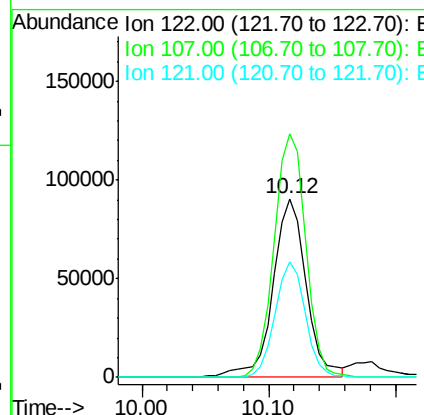
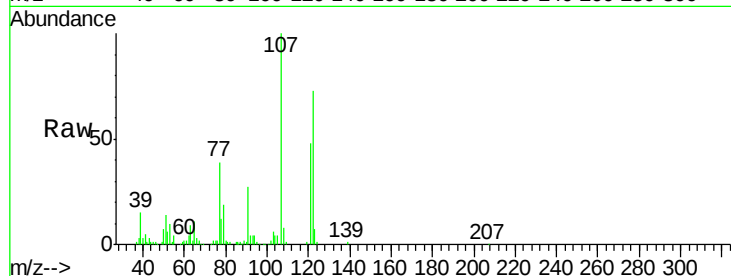




#27
 2,4-Dimethylphenol
 Concen: 41.955 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

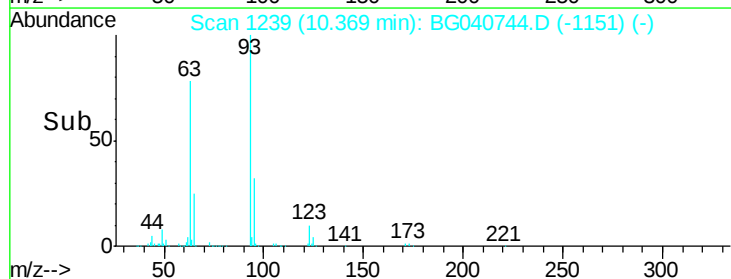
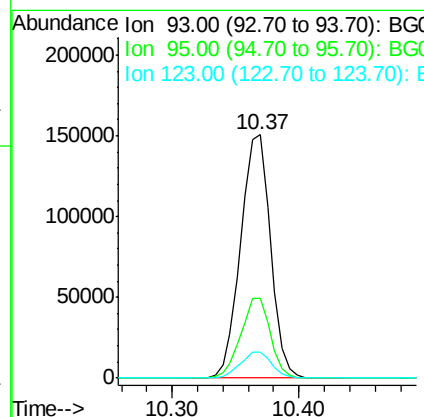
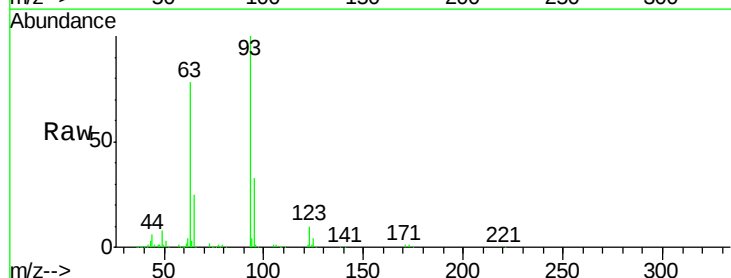
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:122 Resp: 165144
 Ion Ratio Lower Upper
 122 100
 107 136.4 110.1 165.1
 121 64.8 49.4 74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.157 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion: 93 Resp: 246180
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 40.0
 123 10.4 9.0 13.4

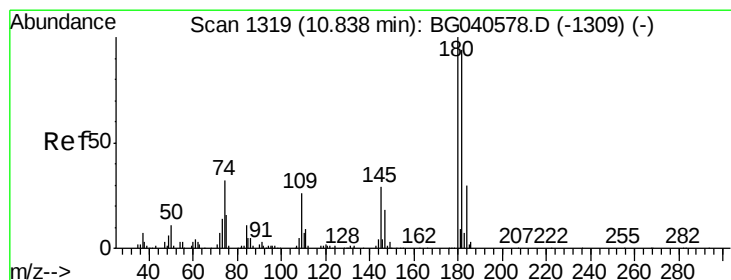
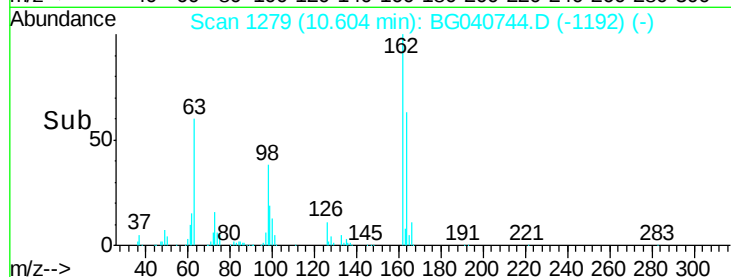
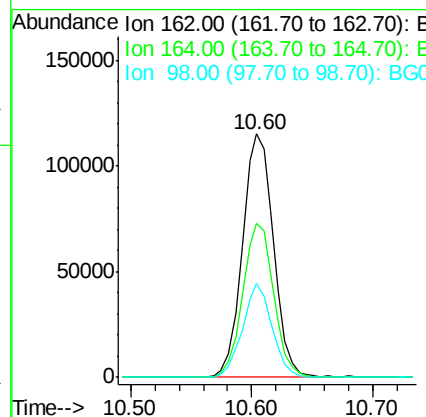
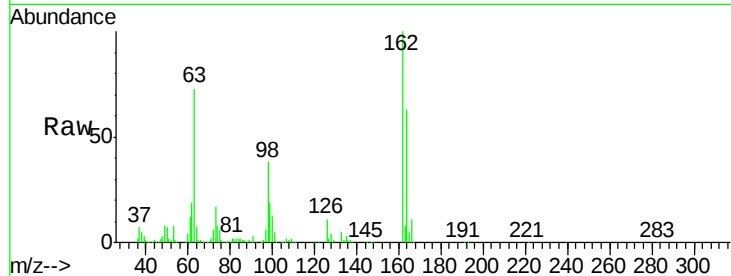




#29
2,4-Dichlorophenol
Concen: 45.977 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

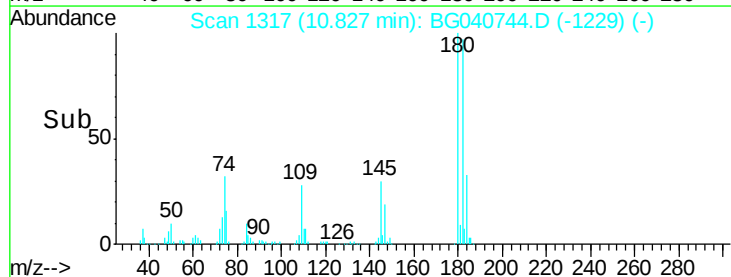
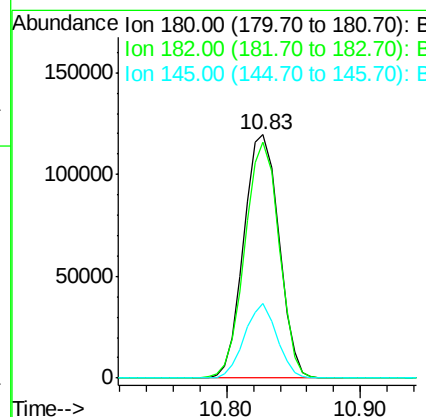
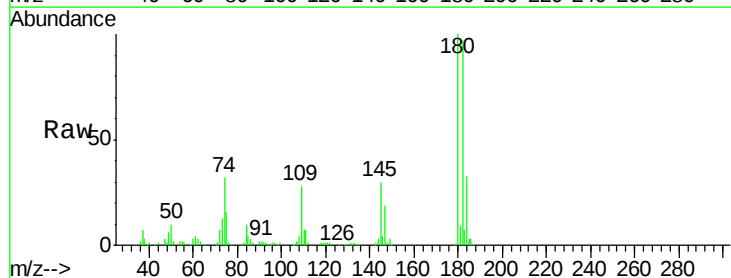
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	38.9	78.9
98	38.4	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 43.995 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.2	112.8
145	30.5	23.6	35.4

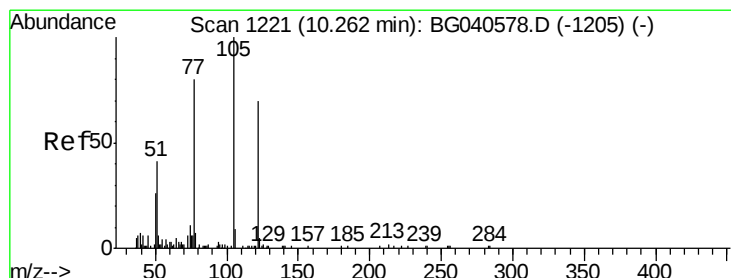
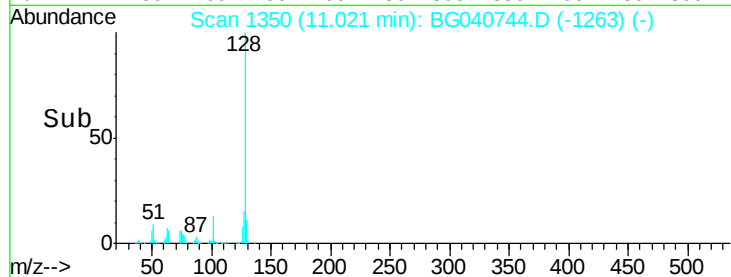
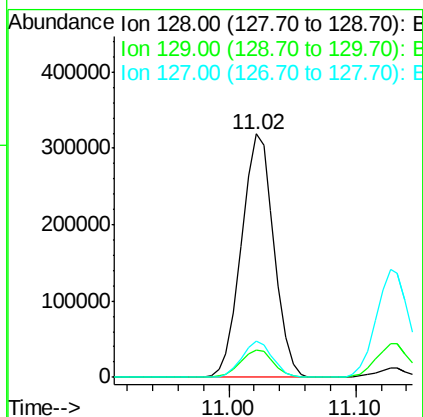
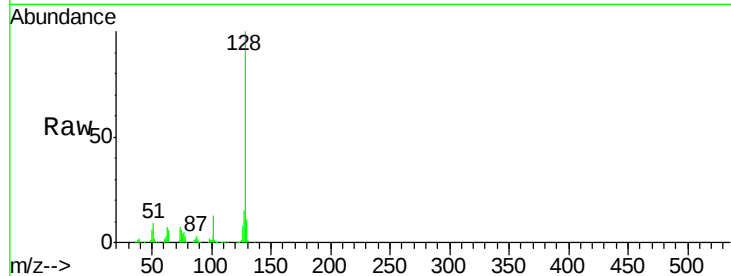




#31
Naphthalene
Concen: 41.944 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

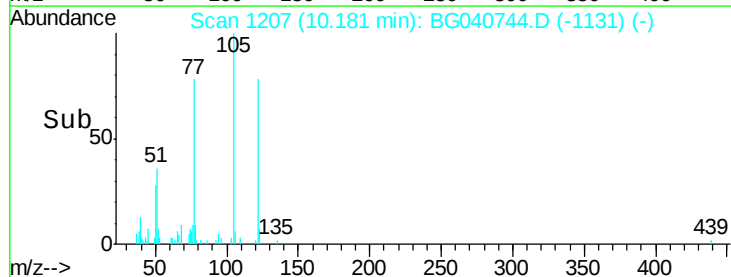
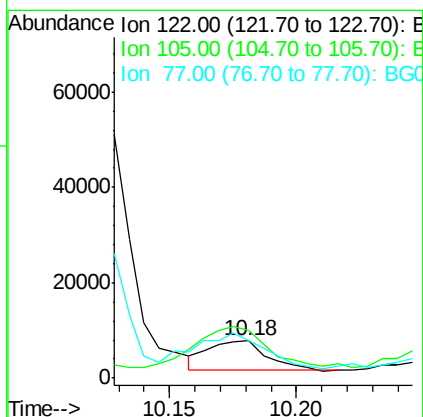
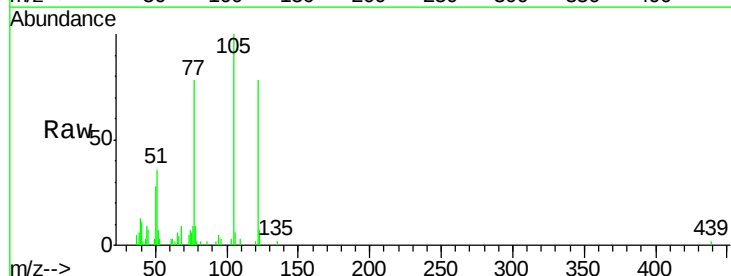
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.7	11.3	16.9



#32
Benzoic acid
Concen: 3.674 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	110.9	150.9
77	100.2	87.6	127.6

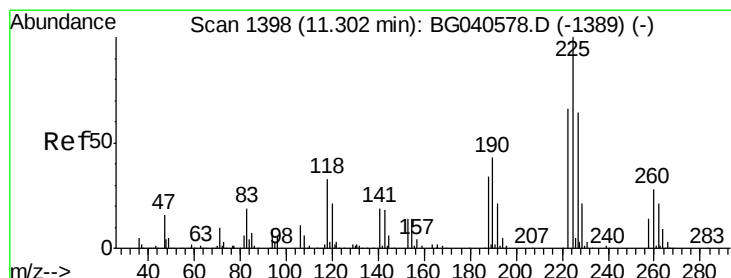
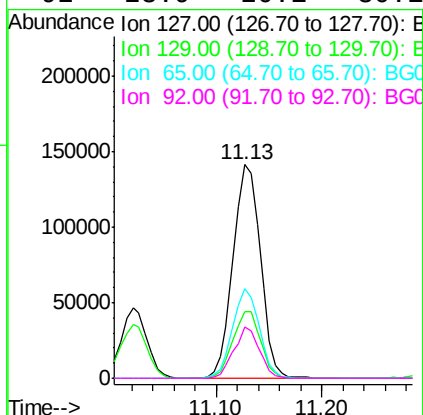
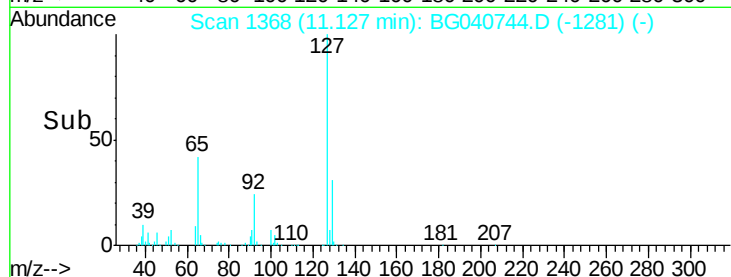
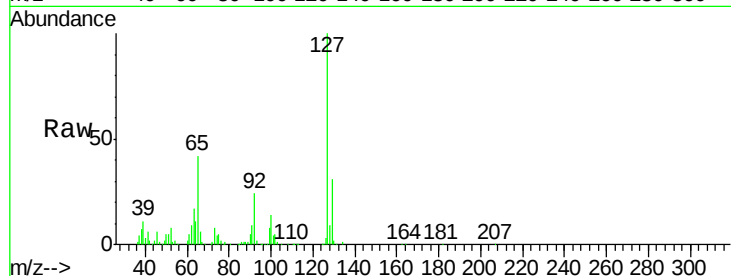




#33
4-Chloroaniline
Concen: 42.590 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

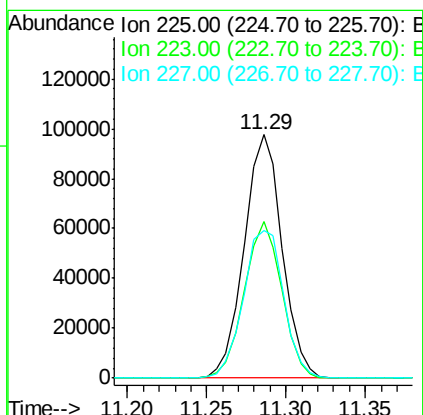
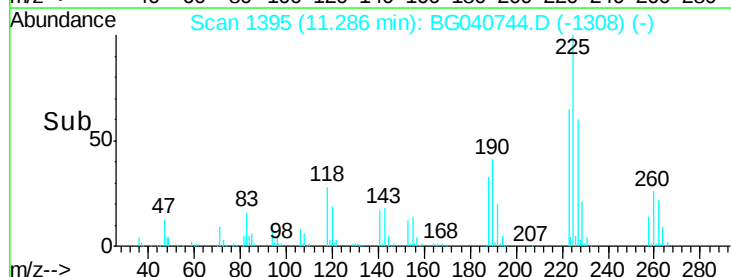
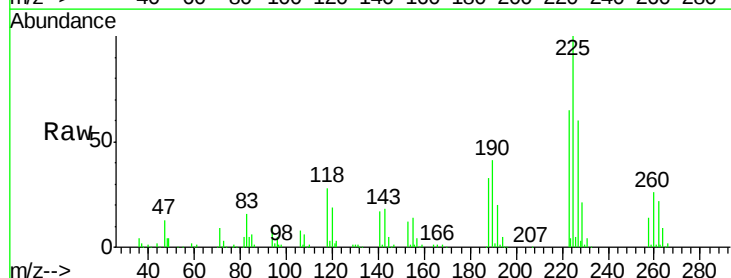
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

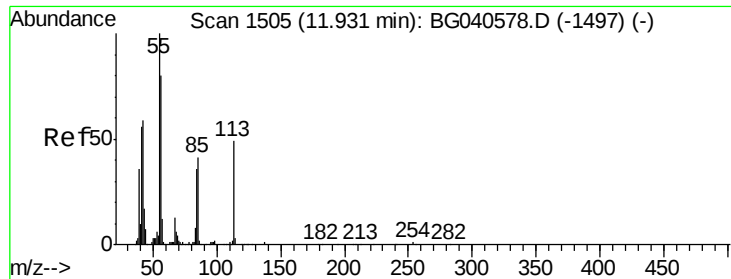
Tot Ion:	127	Resp:	254274
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.7	38.5
65	41.8	36.1	54.1
92	23.9	20.1	30.1



#34
Hexachlorobutadiene
Concen: 44.261 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:	225	Resp:	162156
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.4	75.6
227	60.4	51.0	76.6

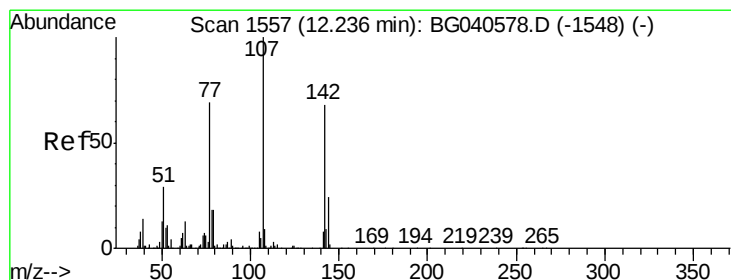
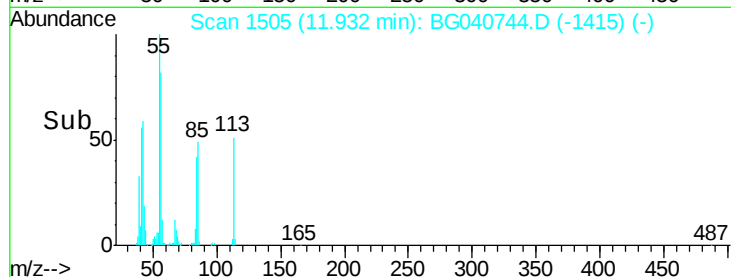
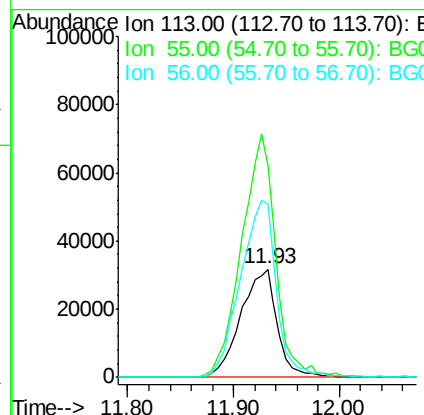
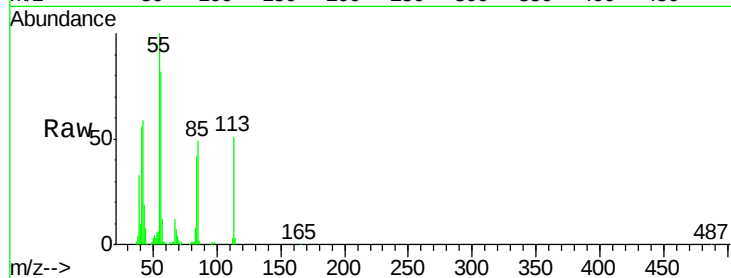




#35
 Caprolactam
 Concen: 42.889 ng
 RT: 11.93 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

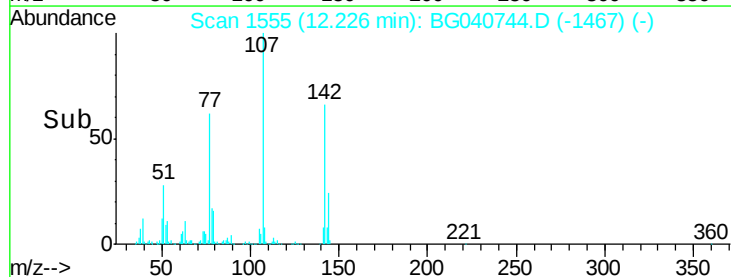
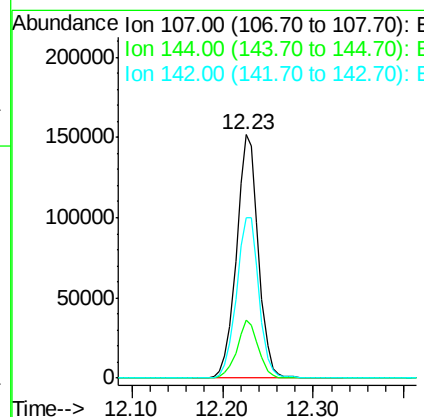
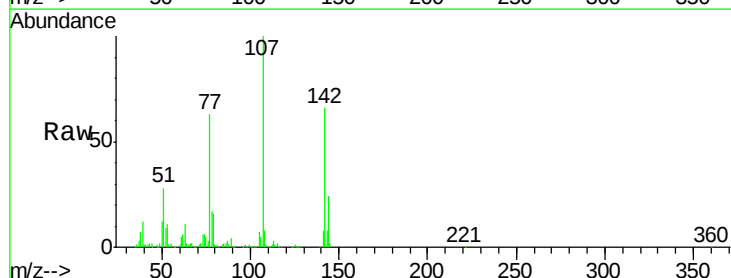
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 75775
 Ion Ratio Lower Upper
 113 100
 55 194.8 198.6 238.6#
 56 159.4 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.215 ng
 RT: 12.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion:107 Resp: 255252
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 65.7 54.6 81.8

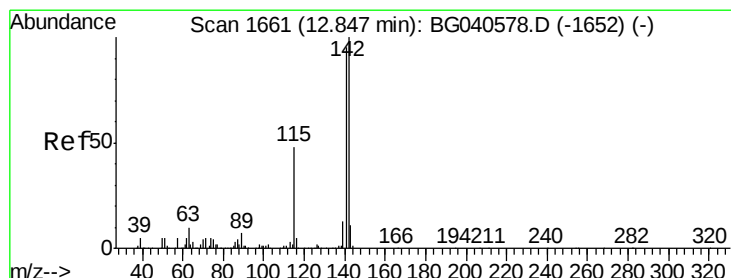
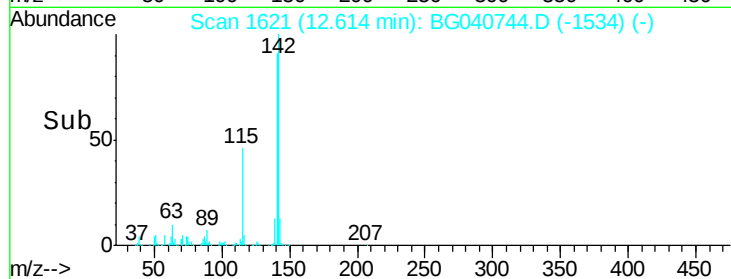
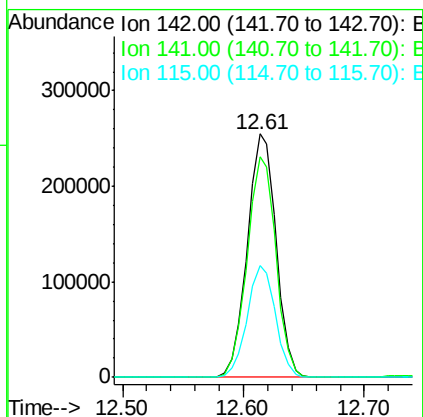
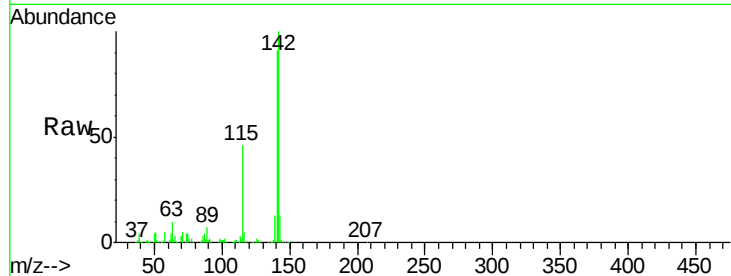




#37
2-Methylnaphthalene
Concen: 42.060 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

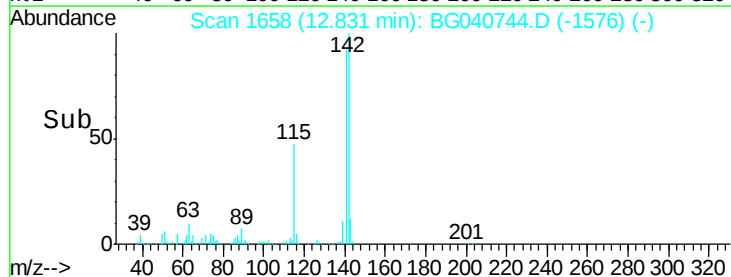
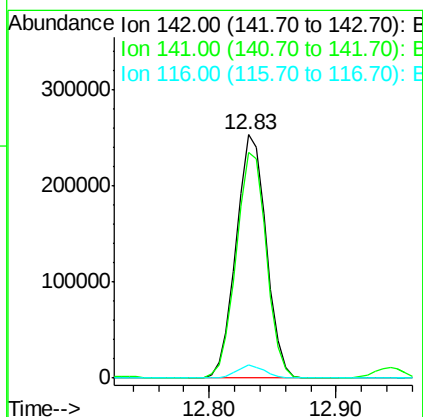
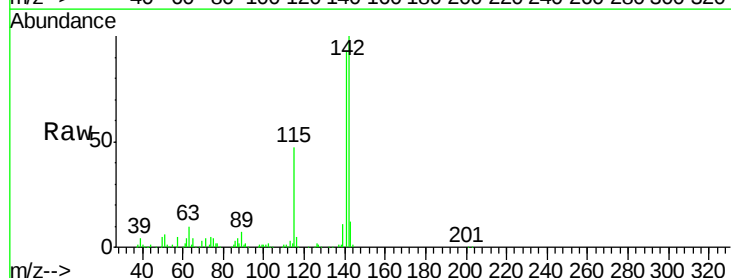
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

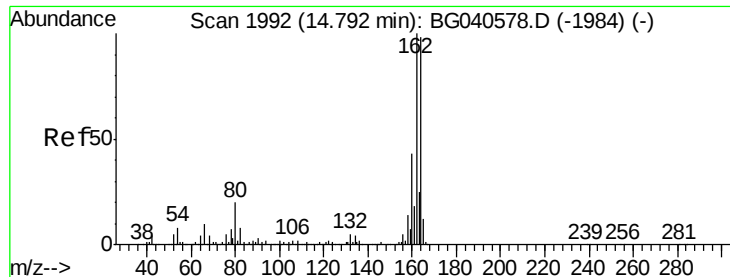
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
115	46.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 42.314 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.9	113.9
116	5.4	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

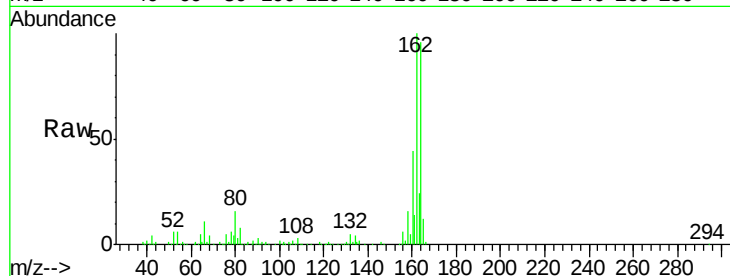
Tot Ion:164 Resp: 185475

Ion Ratio Lower Upper

164 100

162 104.5 81.9 122.9

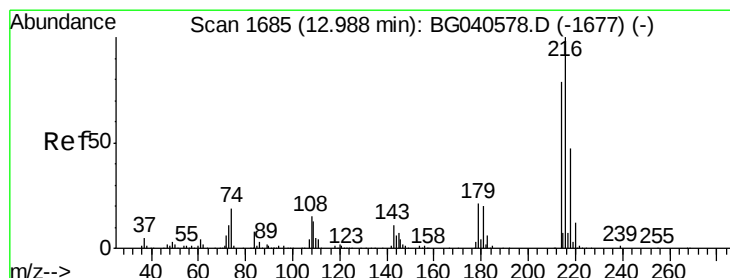
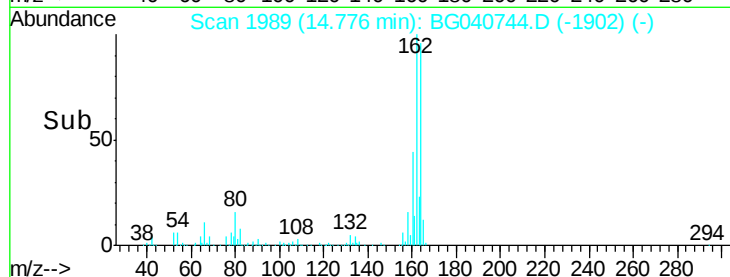
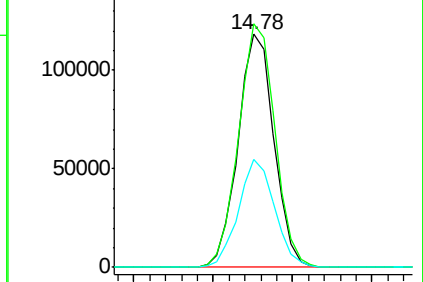
160 46.3 35.4 53.2



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: 43.651 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Tgt Ion:216 Resp: 301602

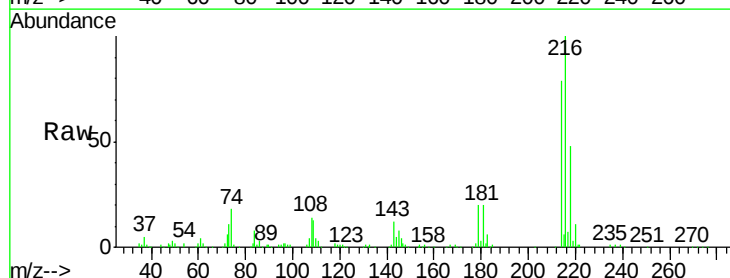
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 19.5 16.6 24.8

108 16.5 14.7 22.1

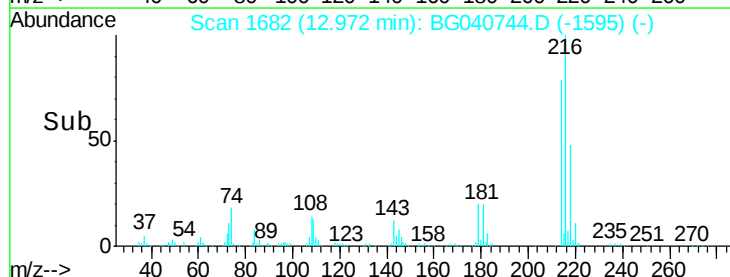
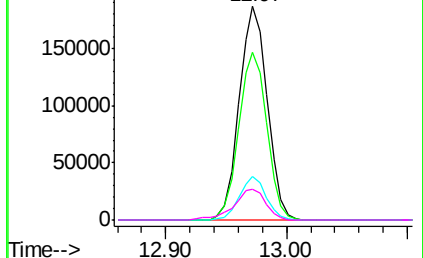


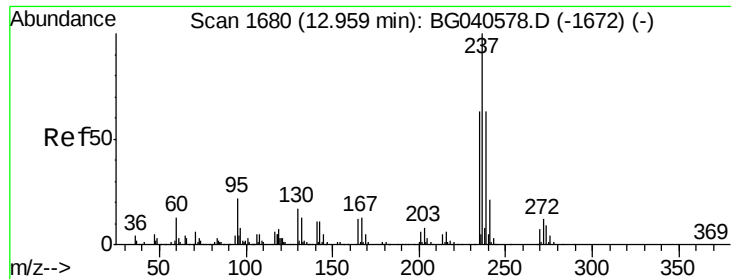
Abundance Ion 216.00 (215.70 to 216.70): E

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

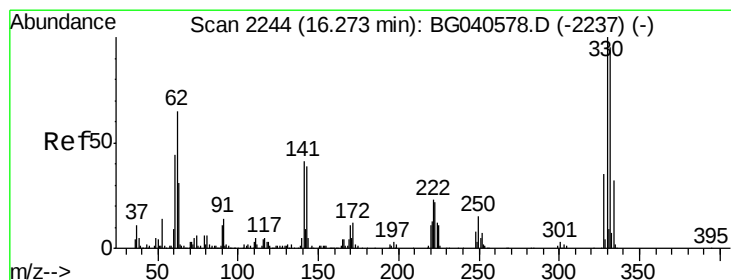
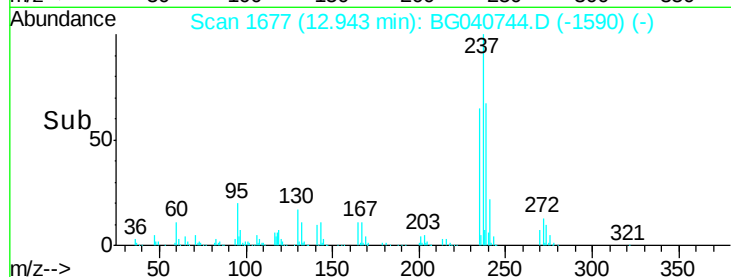
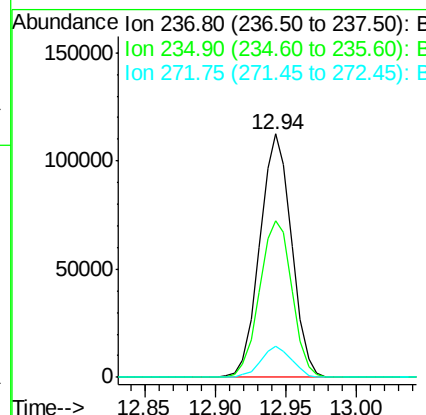
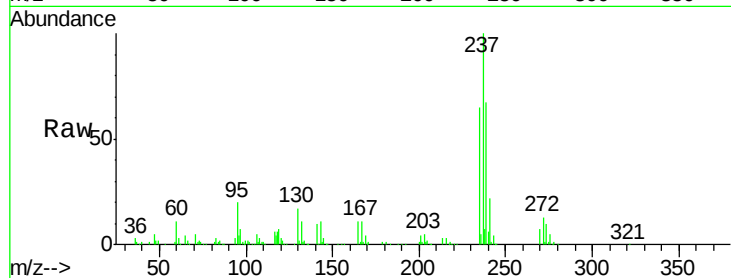




#41
Hexachlorocyclopentadiene
Concen: 43.524 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

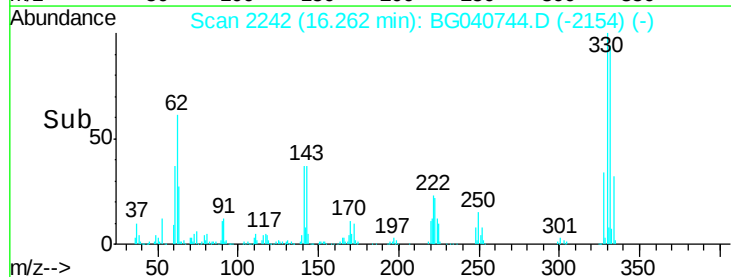
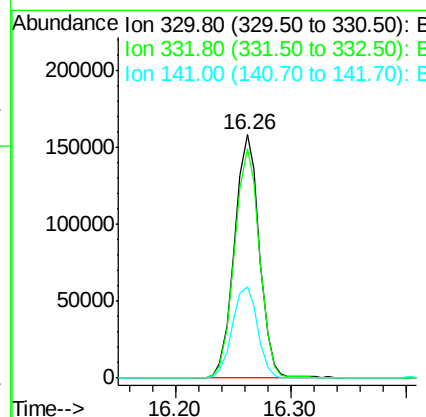
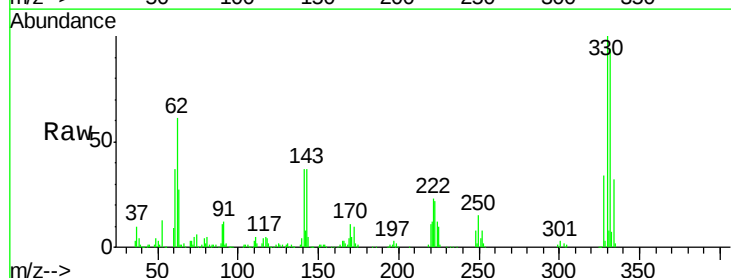
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

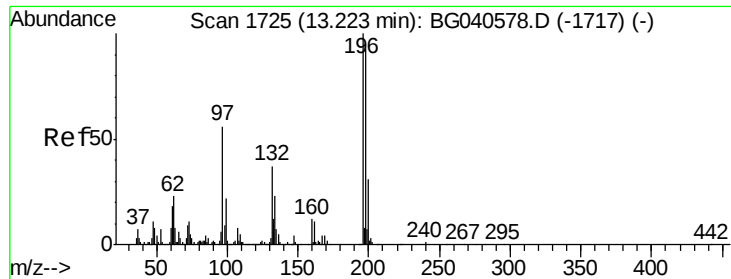
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.5	82.5
272	12.8	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 92.973 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	38.1	32.4	48.6

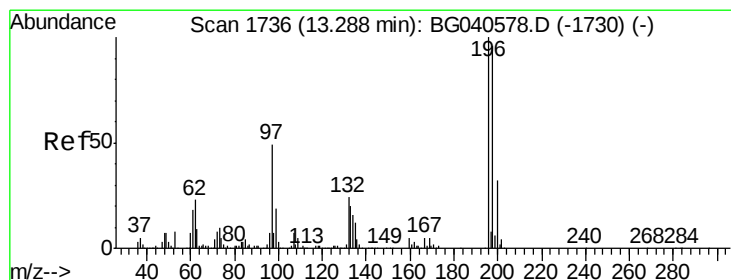
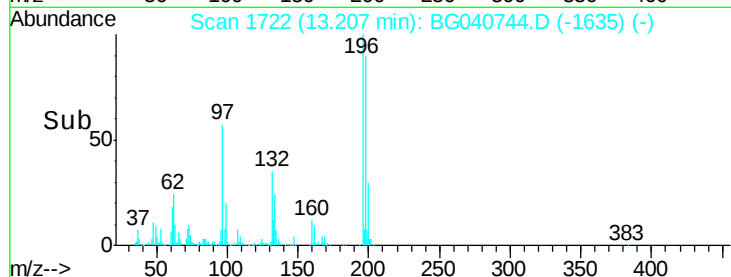
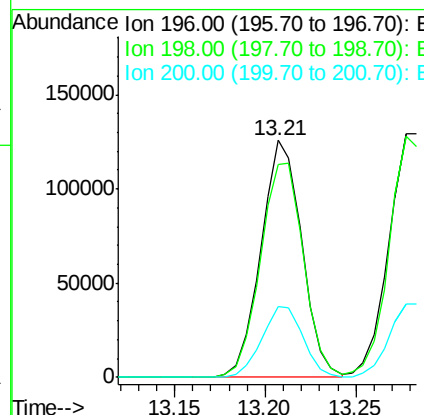
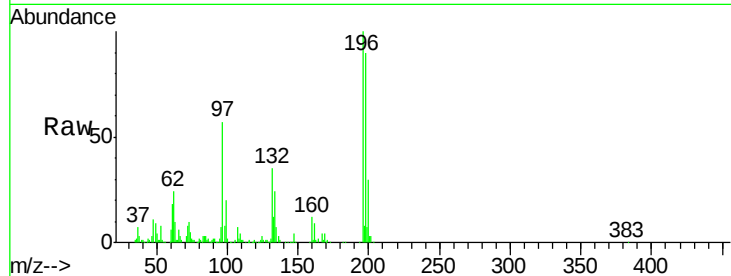




#43
2,4,6-Trichlorophenol
Concen: 47.143 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

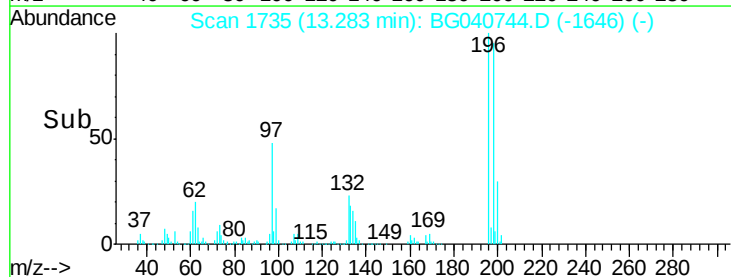
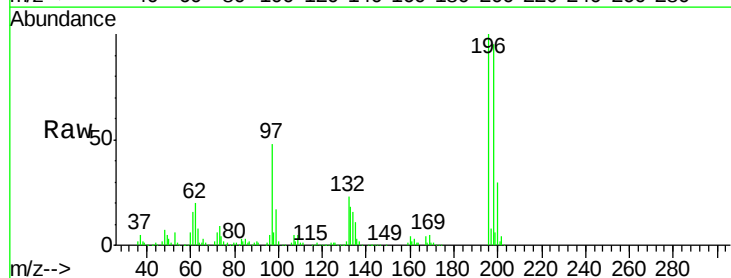
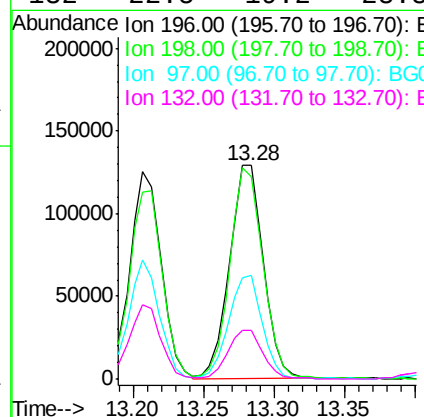
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

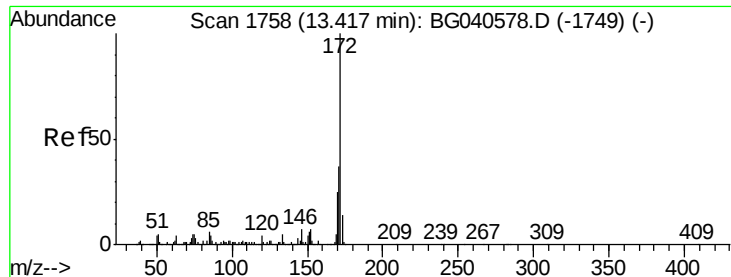
Tot Ion	196	Resp	196843
Ion Ratio	Lower	Upper	
196	100		
198	89.8	74.8	112.2
200	29.7	24.9	37.3



#44
2,4,5-Trichlorophenol
Concen: 47.319 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	196	Resp	215231
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.0	115.6
97	48.3	40.0	60.0
132	22.5	19.2	28.8

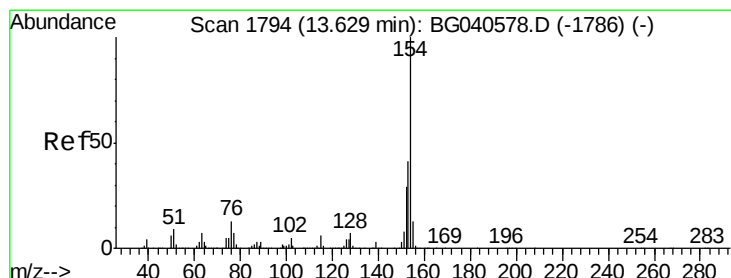
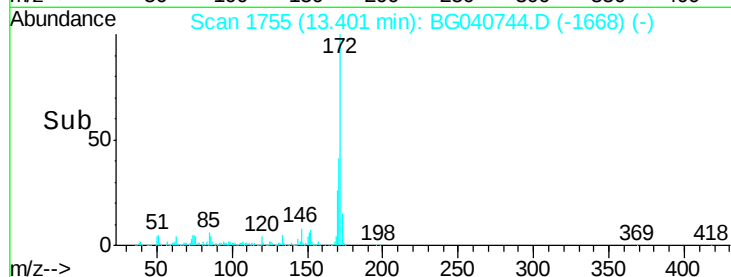
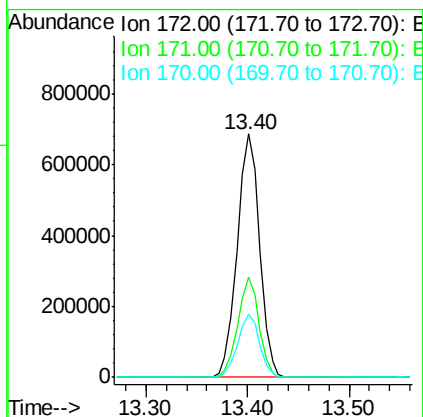
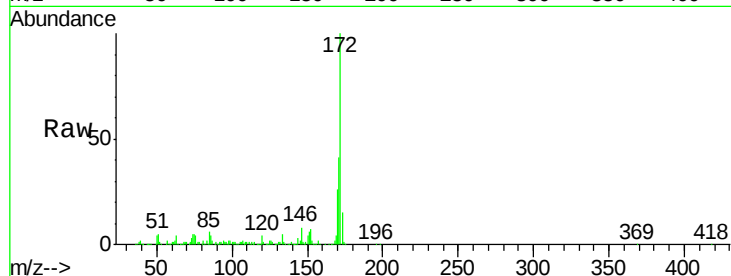




#45
2-Fluorobiphenyl
Concen: 81.785 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

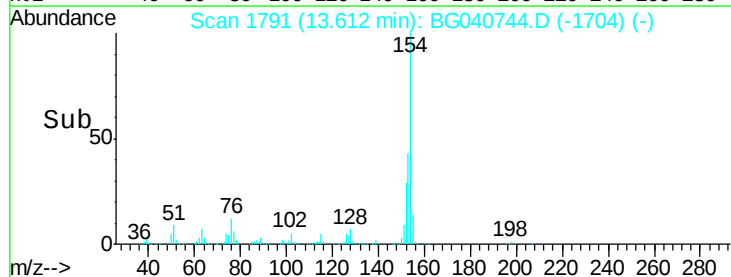
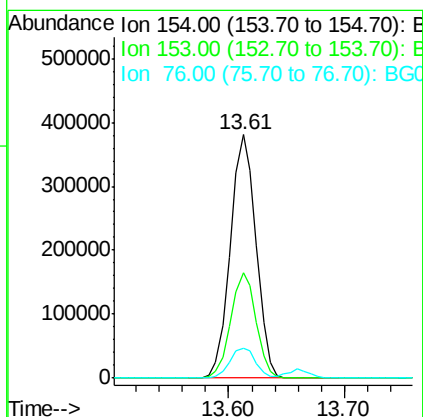
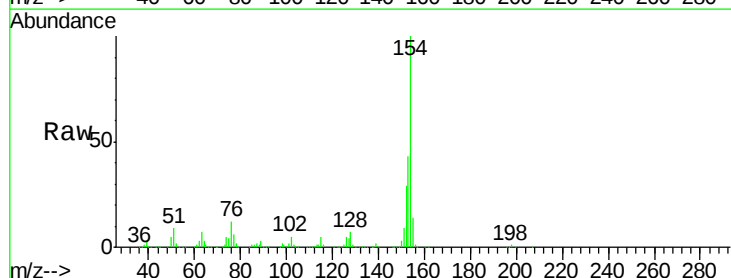
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

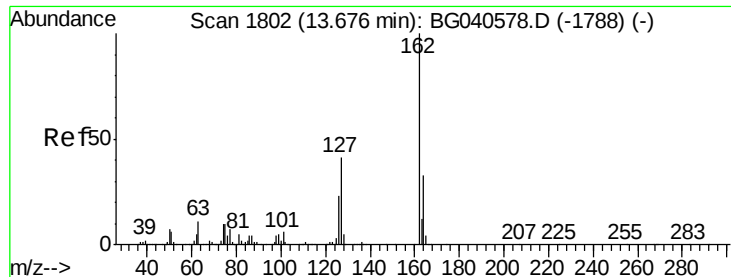
Tot Ion:172 Resp: 1050348
Ion Ratio Lower Upper
172 100
171 41.1 29.4 44.2
170 26.2 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.537 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:154 Resp: 583749
Ion Ratio Lower Upper
154 100
153 43.3 20.5 60.5
76 12.1 0.0 32.5

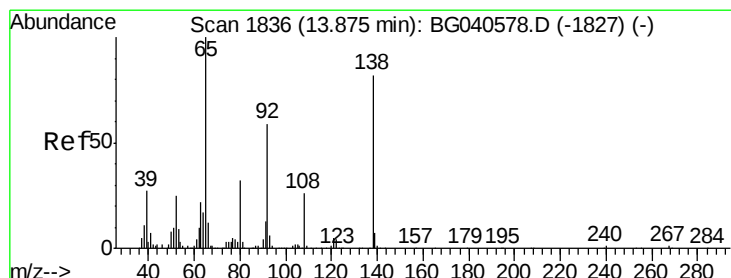
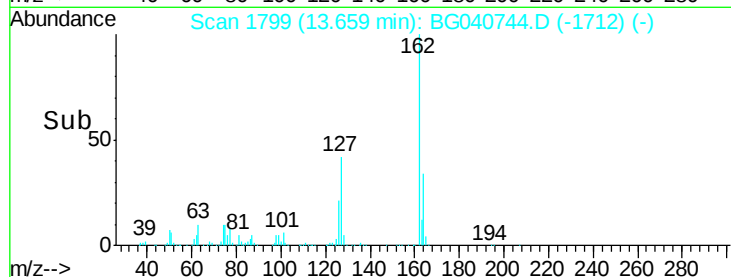
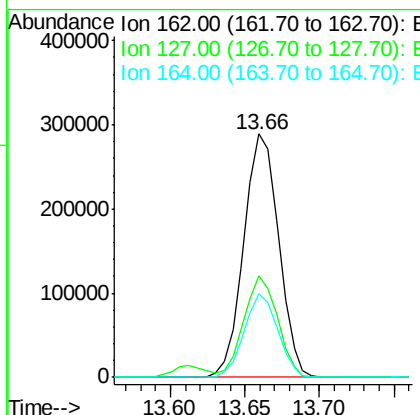
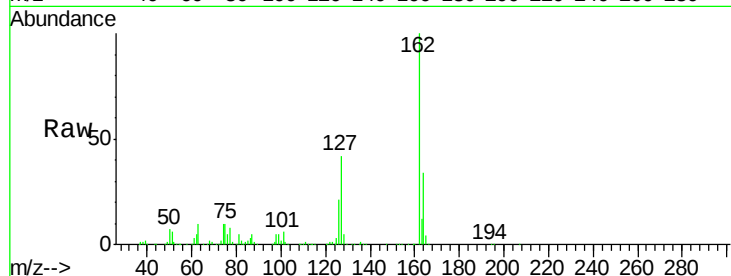




#47
2-Chloronaphthalene
Concen: 41.454 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

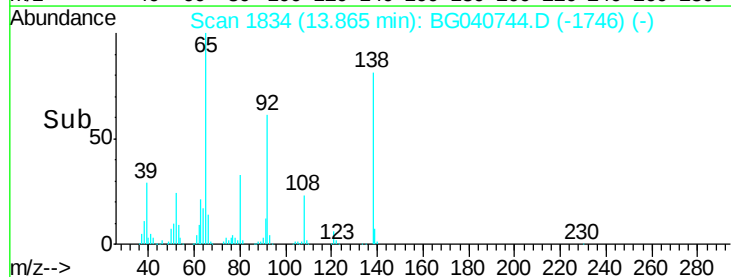
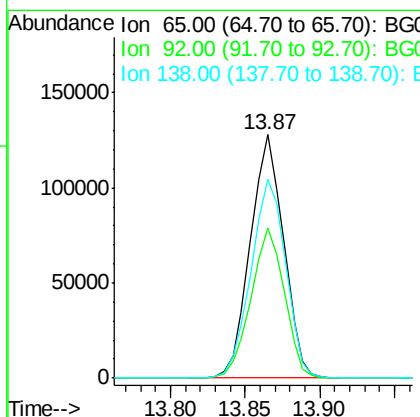
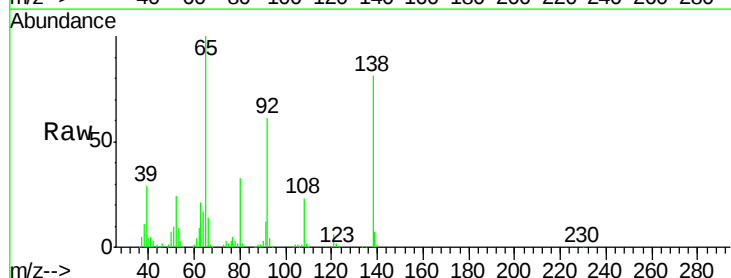
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.0	49.4
164	34.5	26.8	40.2



#48
2-Nitroaniline
Concen: 49.176 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	47.4	71.0
138	81.5	66.1	99.1





#49

Acenaphthylene

Concen: 40.735 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

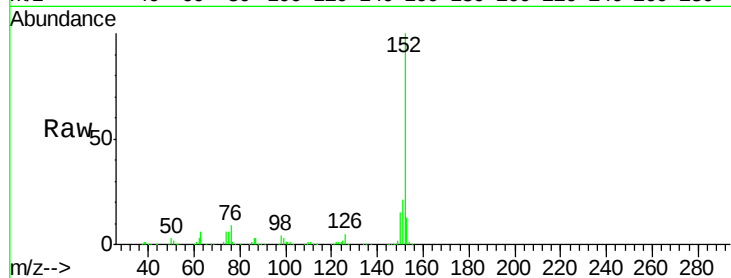
Tot Ion:152 Resp: 778858

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

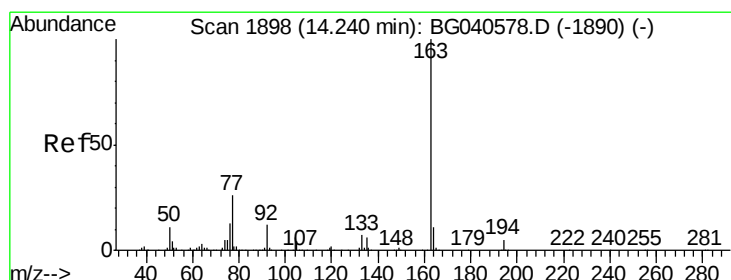
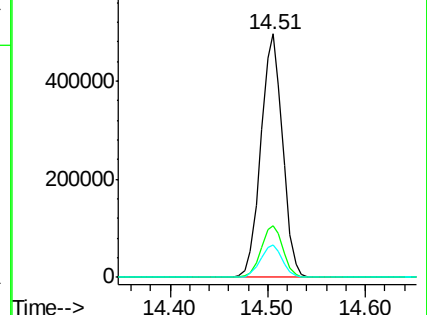
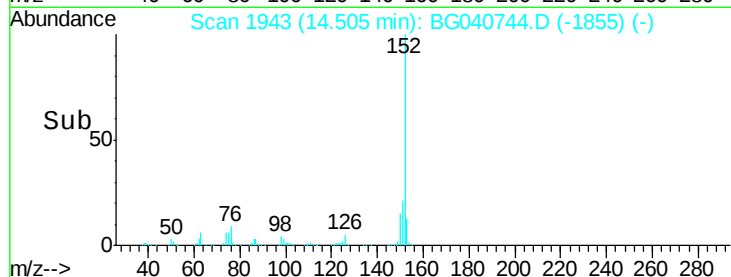
153 13.1 10.7 16.1



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: 41.680 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

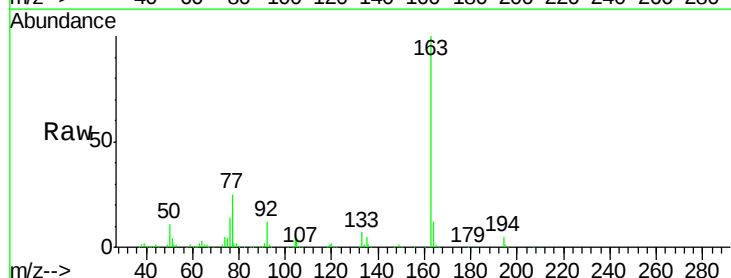
Tgt Ion:163 Resp: 646797

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

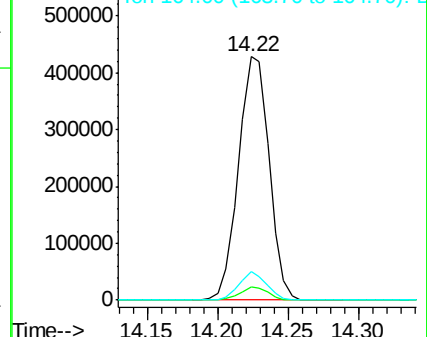
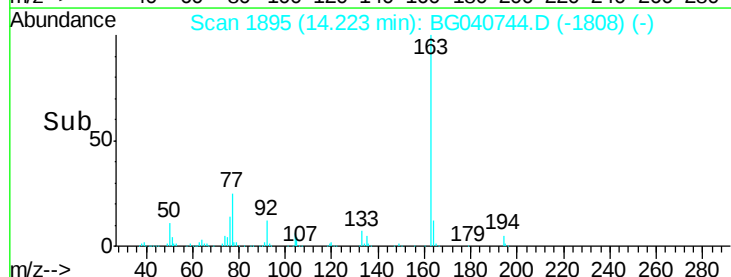
164 11.8 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.100 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

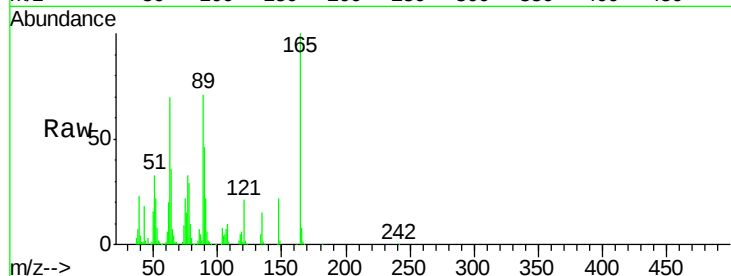
Tot Ion:165 Resp: 145680

Ion Ratio Lower Upper

165 100

63 70.3 61.0 91.4

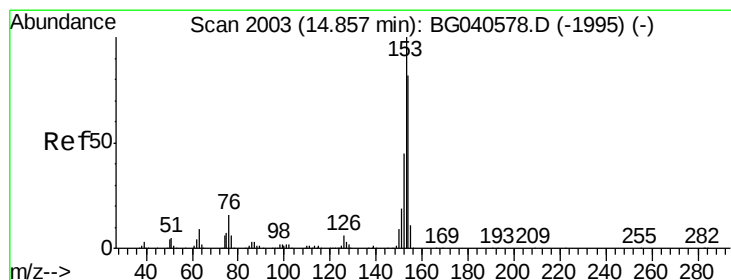
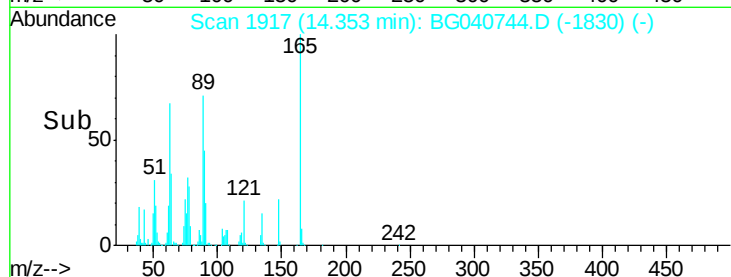
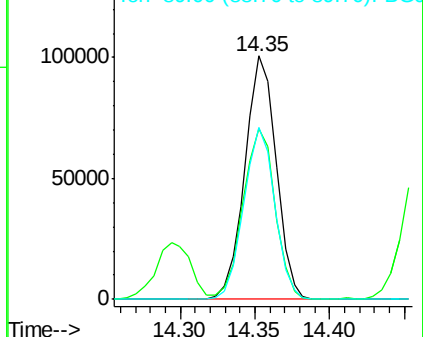
89 70.7 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.675 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

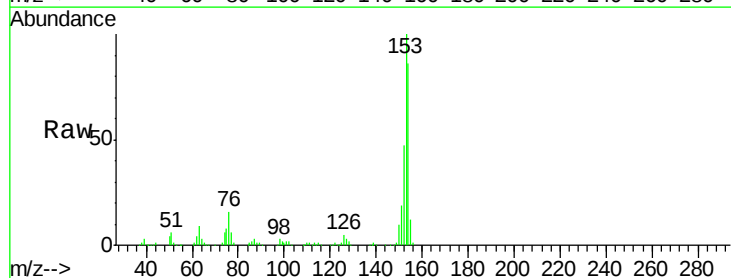
Tgt Ion:154 Resp: 441780

Ion Ratio Lower Upper

154 100

153 116.1 97.0 145.6

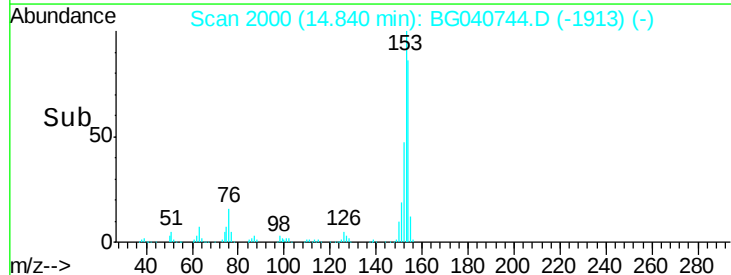
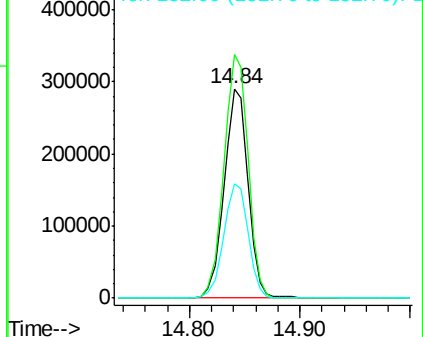
152 54.4 44.1 66.1

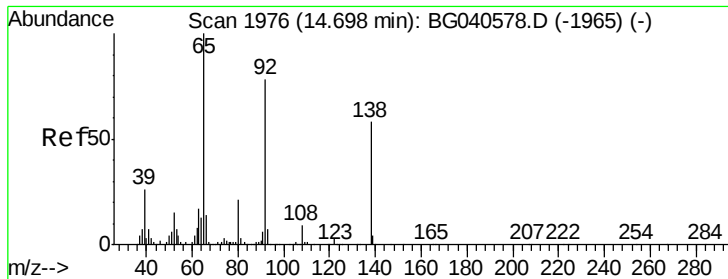


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

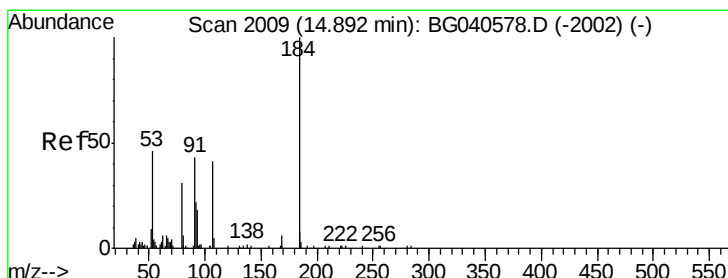
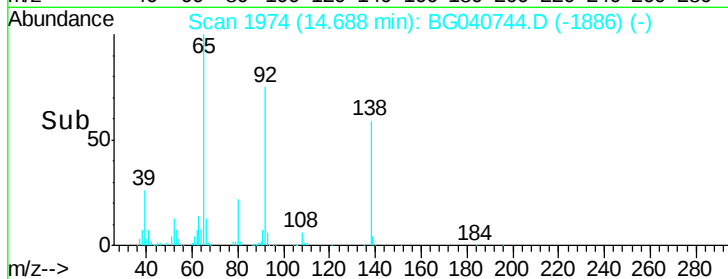
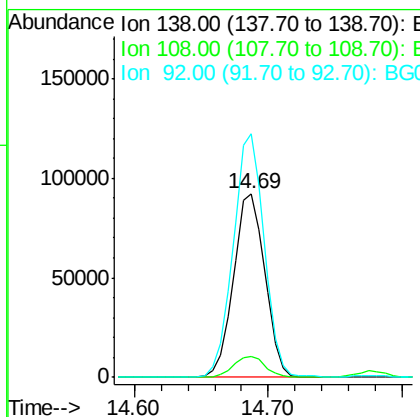
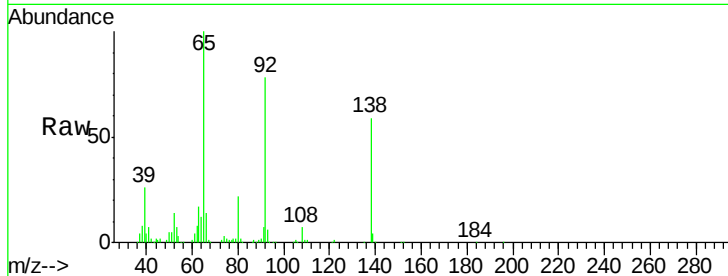




#53
 3-Nitroaniline
 Concen: 48.512 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

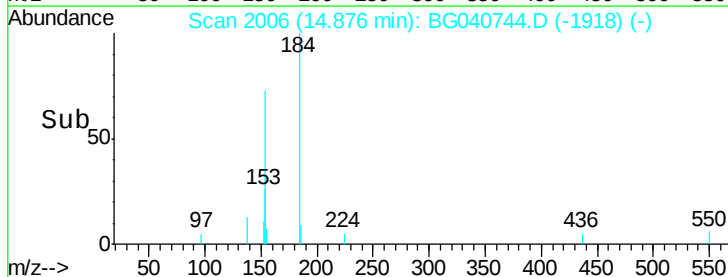
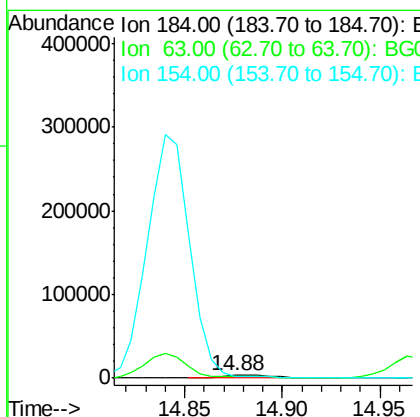
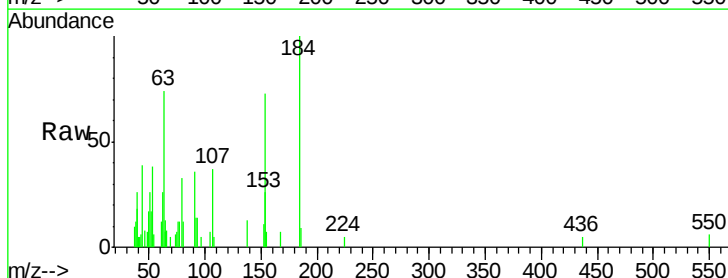
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

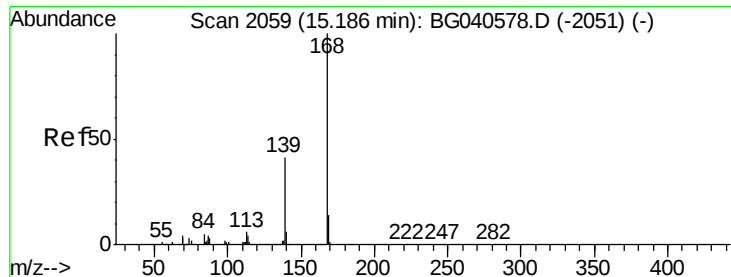
Tot Ion:138 Resp: 150546
 Ion Ratio Lower Upper
 138 100
 108 11.7 12.4 18.6#
 92 132.7 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 10.237 ng
 RT: 14.88 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion:184 Resp: 6034
 Ion Ratio Lower Upper
 184 100
 63 74.4 51.8 77.6
 154 72.5 43.6 65.4#





#55

Dibenzenofuran

Concen: 42.154 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

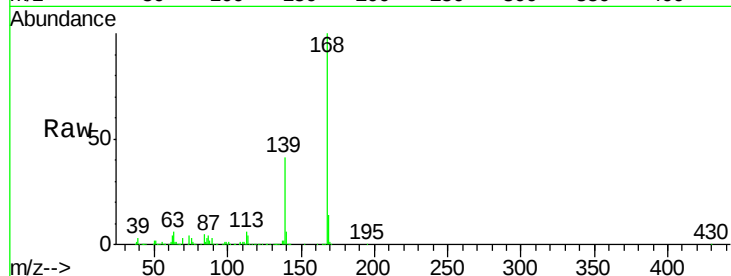
Tot Ion:168 Resp: 768817

Ion Ratio Lower Upper

168 100

139 41.1 33.0 49.4

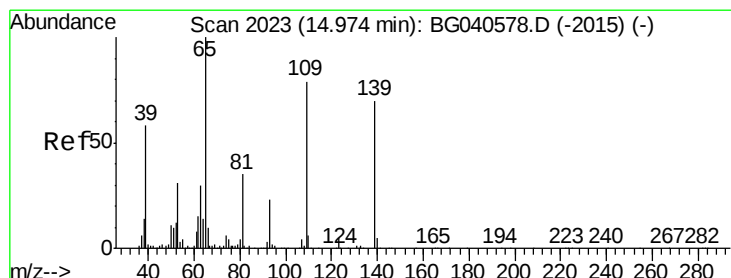
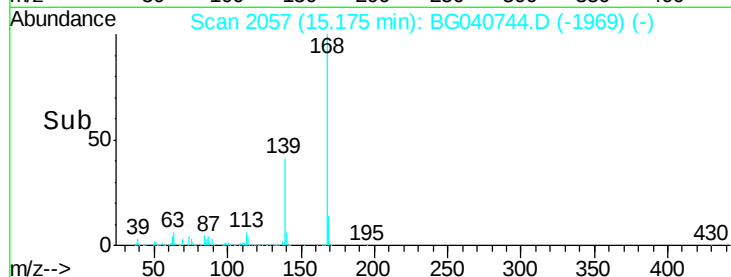
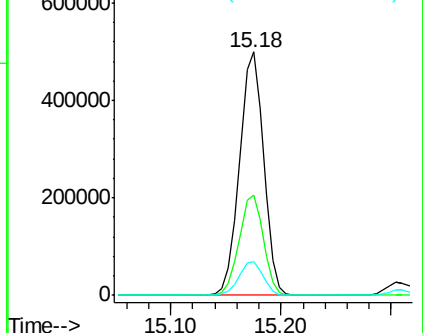
169 14.0 11.0 16.4



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: 39.027 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

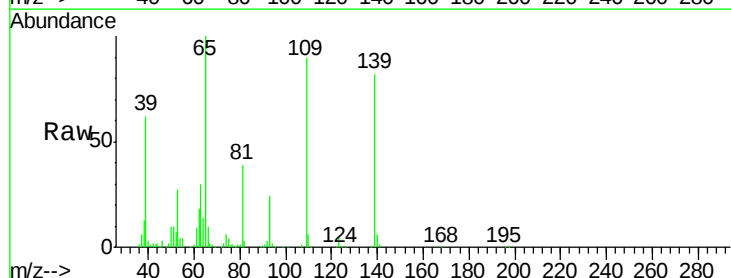
Tgt Ion:139 Resp: 105017

Ion Ratio Lower Upper

139 100

109 109.9 93.8 133.8

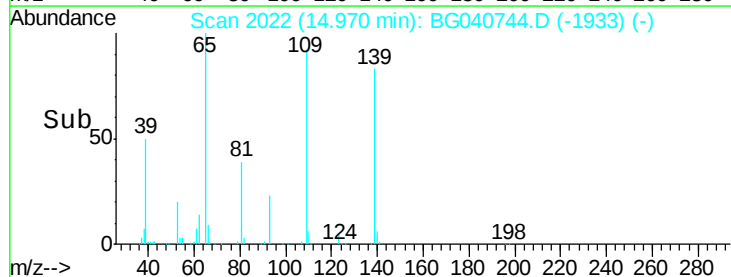
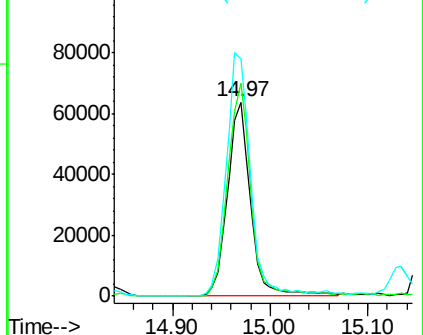
65 122.3 122.7 162.7#



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): BG

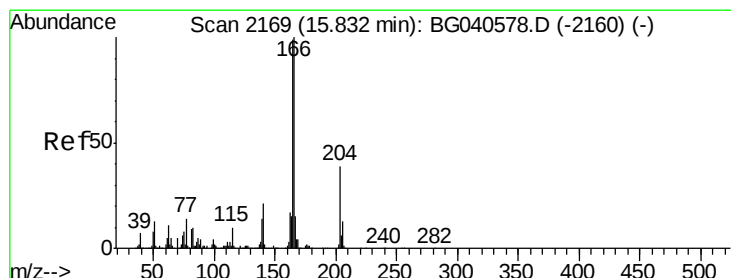
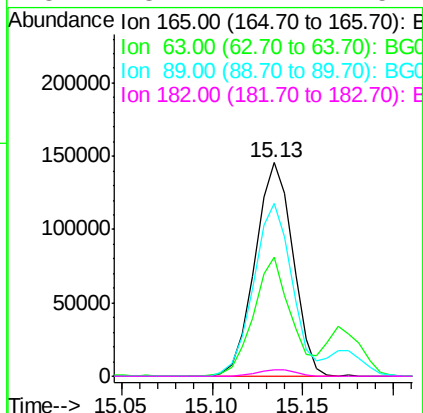
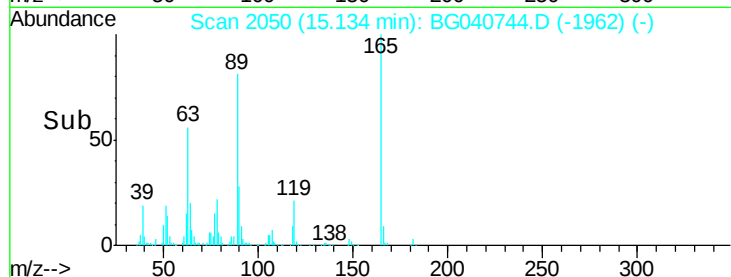
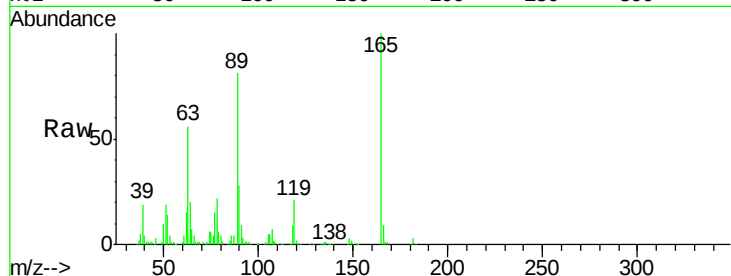




#57
2,4-Dinitrotoluene
Concen: 51.459 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

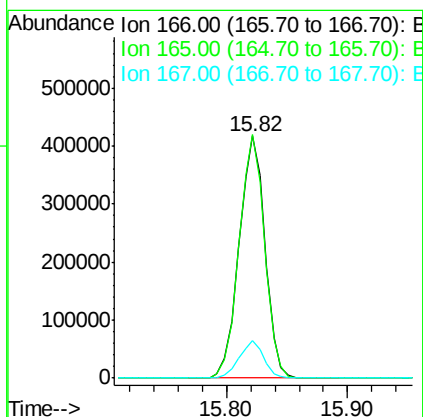
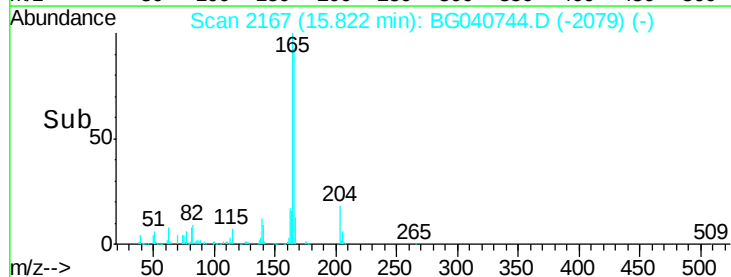
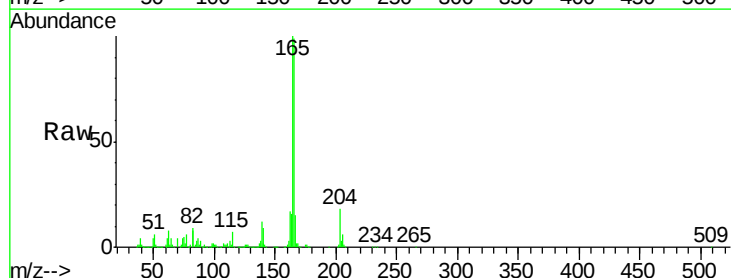
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

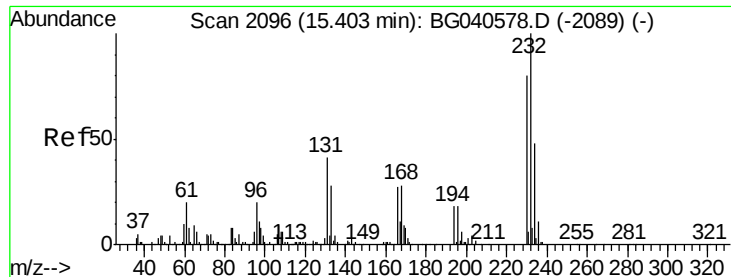
Tot Ion:165 Resp: 211782
Ion Ratio Lower Upper
165 100
63 55.9 45.8 68.8
89 81.1 69.4 104.2
182 3.2 2.2 3.4



#58
Fluorene
Concen: 42.120 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:166 Resp: 620901
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 15.4 12.2 18.2

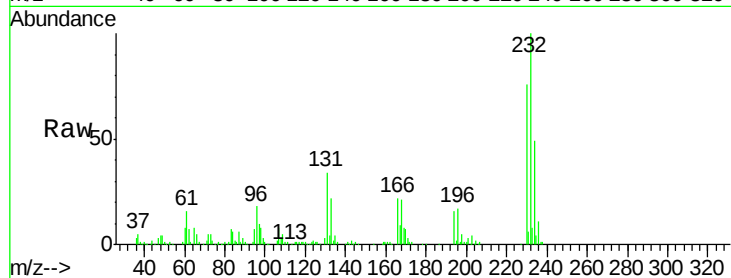




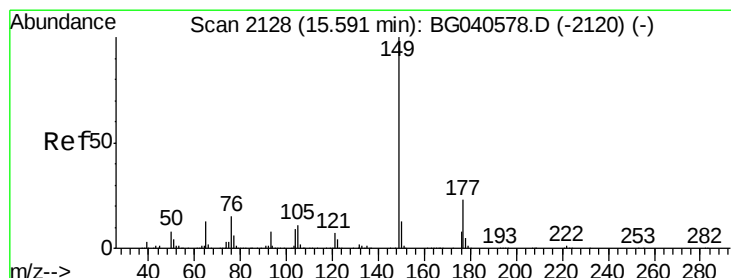
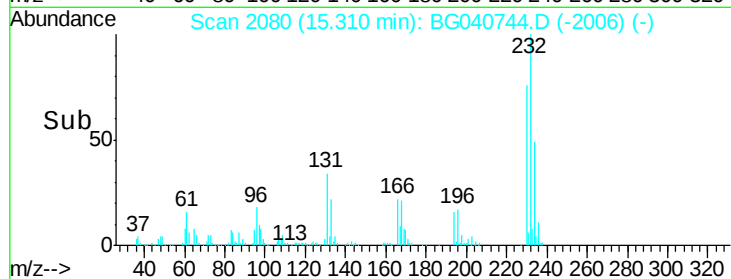
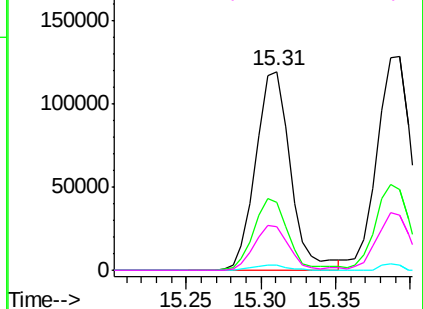
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.001 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.09 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	192286
Ion Ratio	Lower	Upper
232	100	
131	36.4	33.0 49.4
130	2.7	2.0 3.0
166	22.6	22.1 33.1

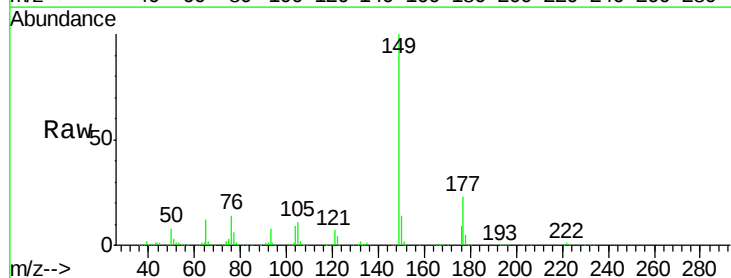


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

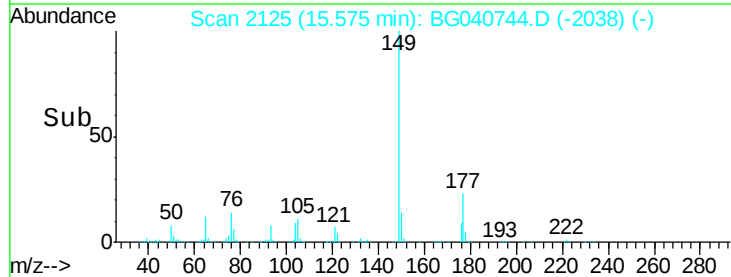
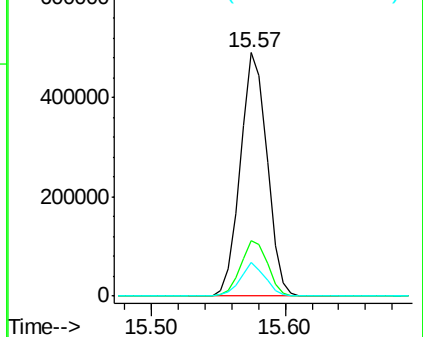


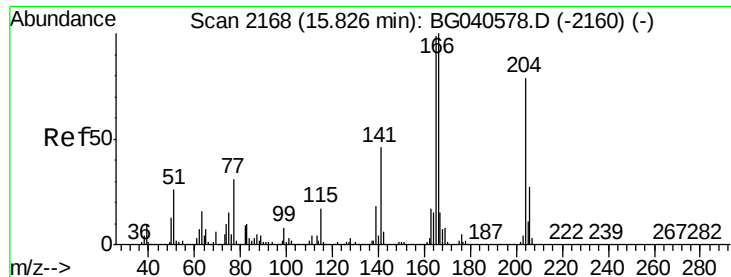
#60
 Diethylphthalate
 Concen: 41.197 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion:149	Resp:	674523
Ion Ratio	Lower	Upper
149	100	
177	22.9	18.5 27.7
150	13.6	10.2 15.4



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

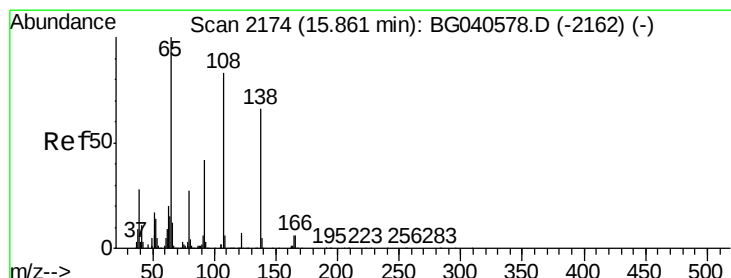
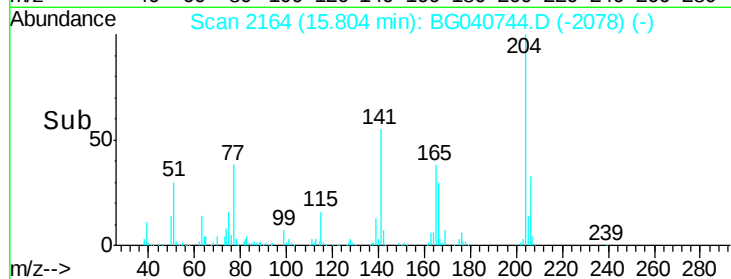
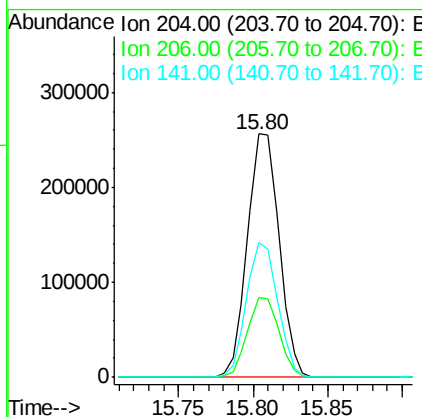
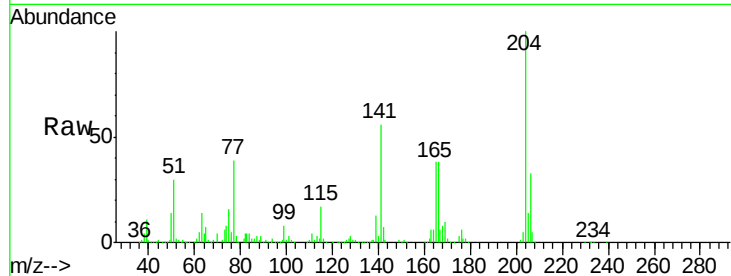




#61
 4-Chlorophenyl-phenylether
 Concen: 43.865 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

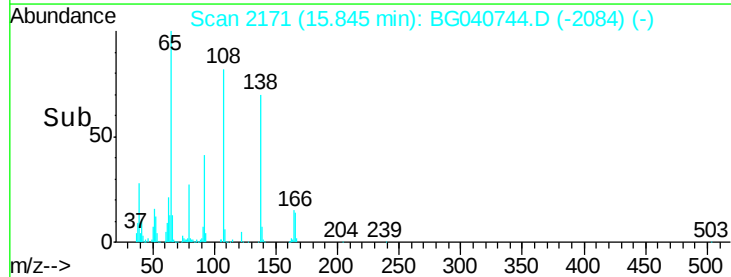
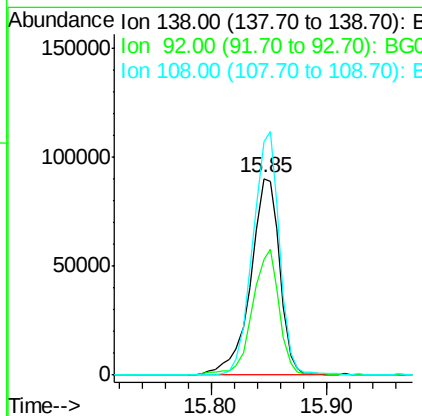
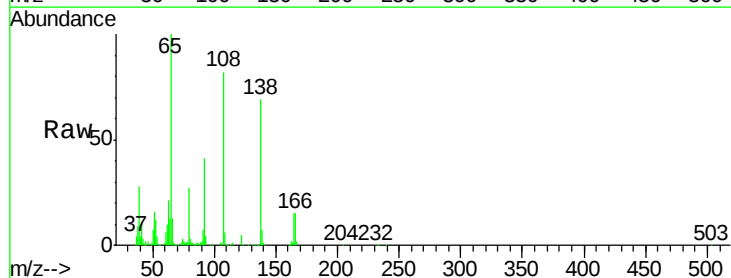
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

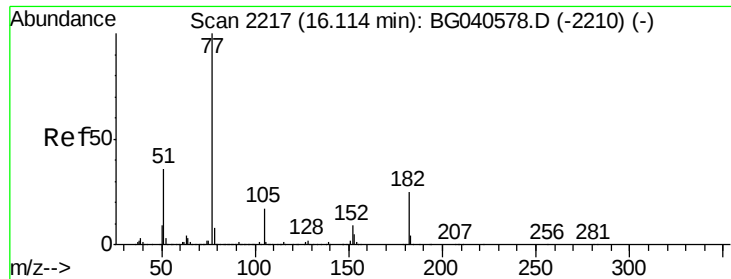
Tot Ion:204 Resp: 376078
 Ion Ratio Lower Upper
 204 100
 206 32.6 27.4 41.2
 141 55.6 46.0 69.0



#62
 4-Nitroaniline
 Concen: 45.711 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion:138 Resp: 158679
 Ion Ratio Lower Upper
 138 100
 92 59.0 43.9 83.9
 108 118.7 106.5 146.5





#63

Azobenzene

Concen: 39.420 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 664689

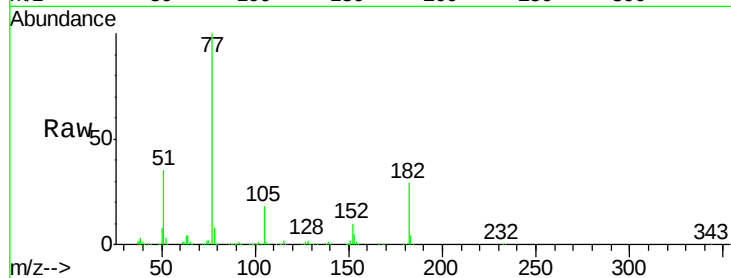
Ion Ratio Lower Upper

77 100

182 28.6 5.0 45.0

105 18.0 0.0 37.6

51 35.4 16.3 56.3

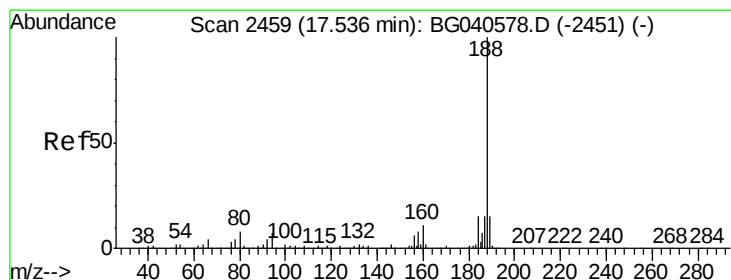
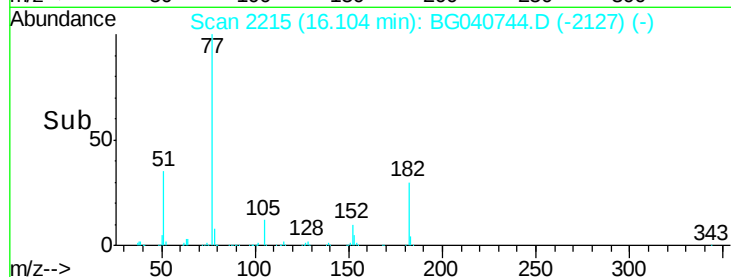
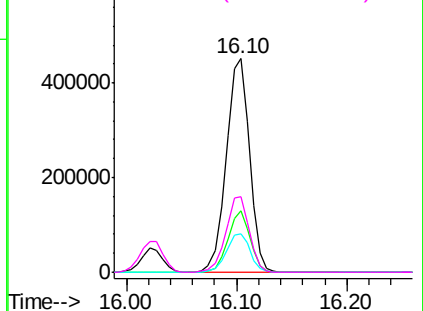


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

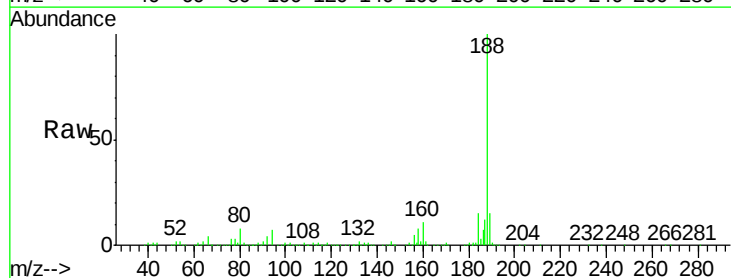
Tgt Ion: 188 Resp: 485021

Ion Ratio Lower Upper

188 100

94 6.6 5.6 8.4

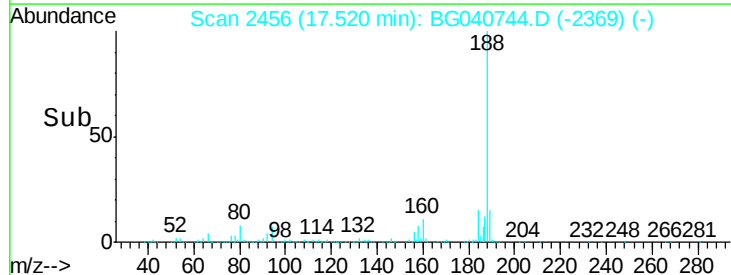
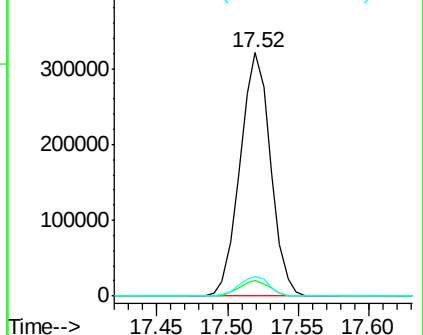
80 8.1 6.4 9.6

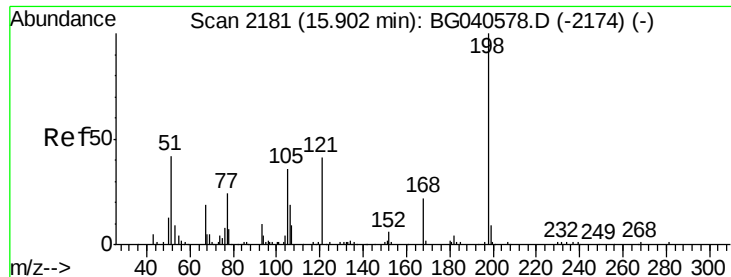


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 14.600 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

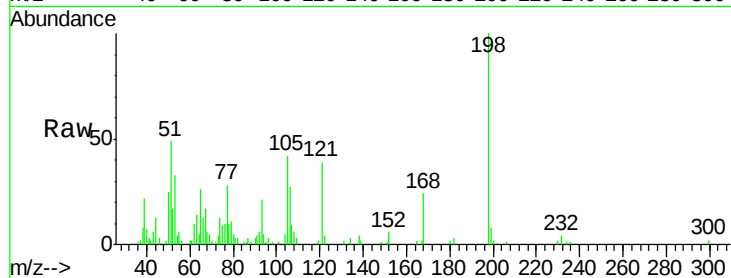
Tot Ion:198 Resp: 21032

Ion Ratio Lower Upper

198 100

51 48.5 35.9 75.9

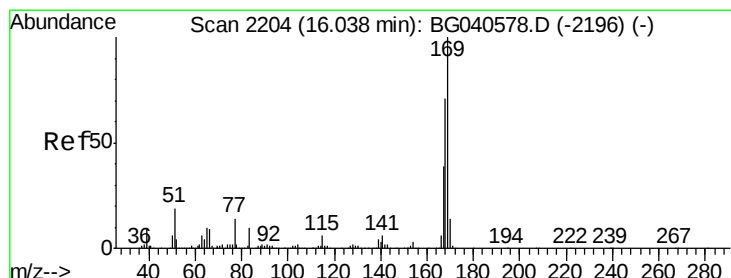
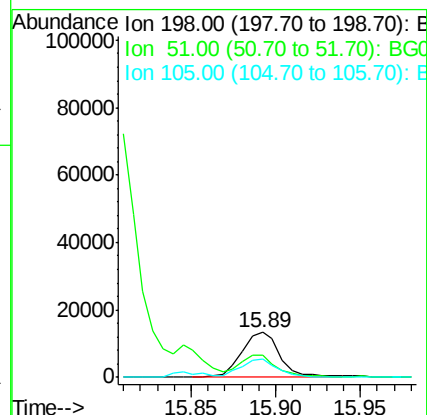
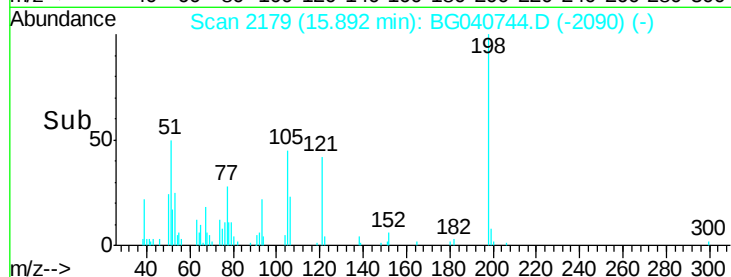
105 41.9 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.519 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

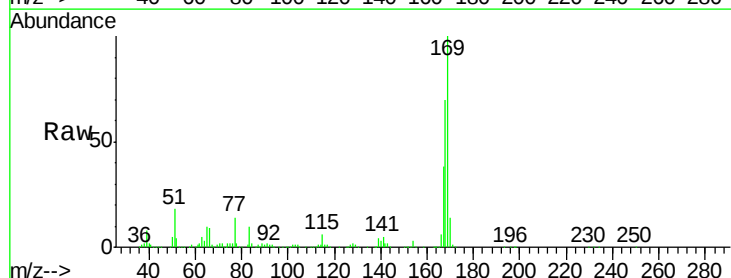
Tgt Ion:169 Resp: 563926

Ion Ratio Lower Upper

169 100

168 69.8 56.8 85.2

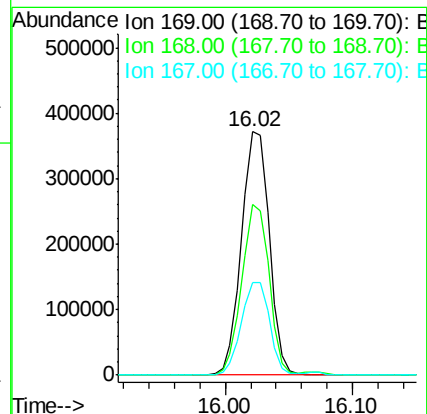
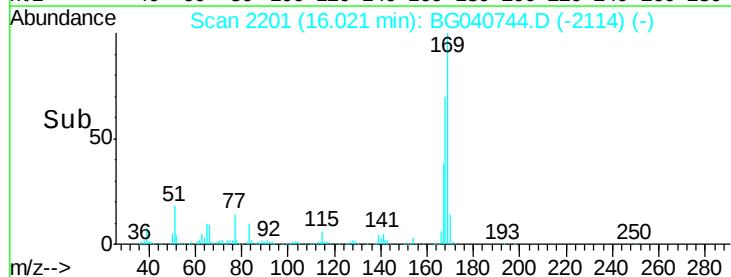
167 38.0 31.4 47.0



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

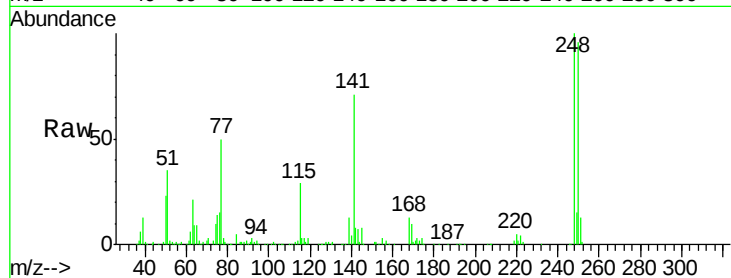




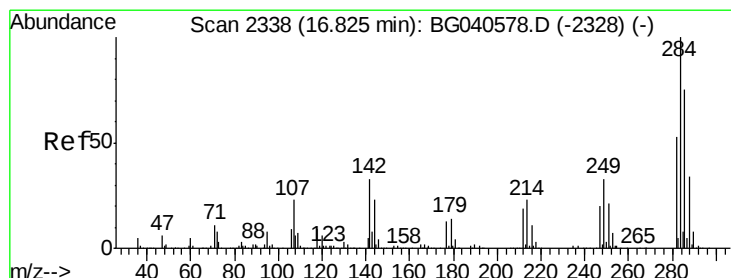
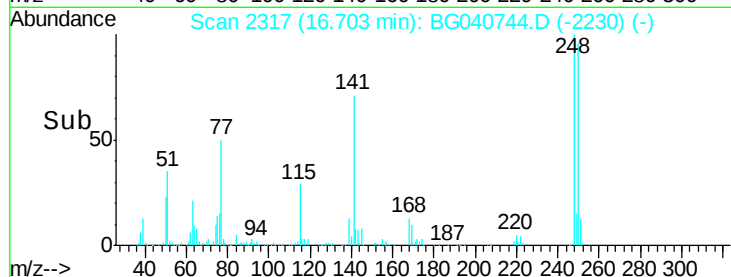
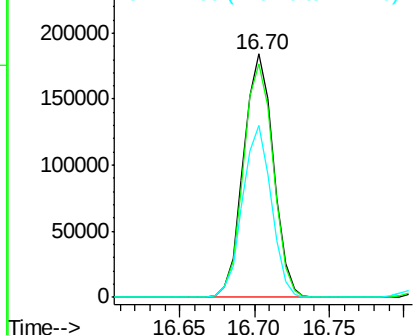
#67
4-Bromophenyl-phenylether
Concen: 42.148 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 254689
Ion Ratio Lower Upper
248 100
250 96.1 79.8 119.6
141 70.8 60.8 91.2

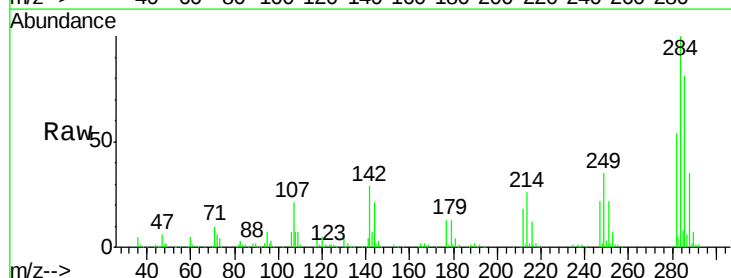


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

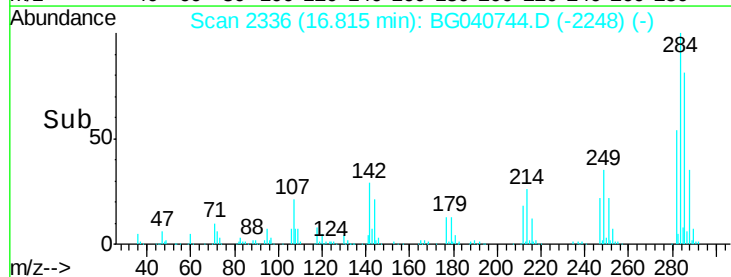
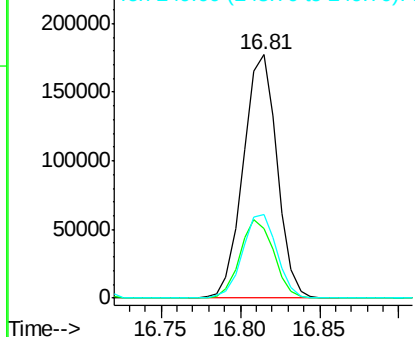


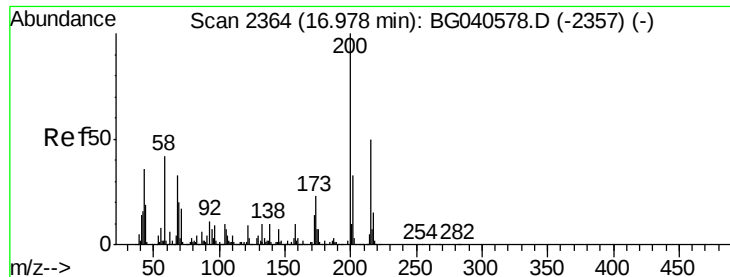
#68
Hexachlorobenzene
Concen: 41.978 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:284 Resp: 262286
Ion Ratio Lower Upper
284 100
142 28.8 26.6 40.0
249 34.6 26.0 39.0



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





#69

Atrazine

Concen: 38.524 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

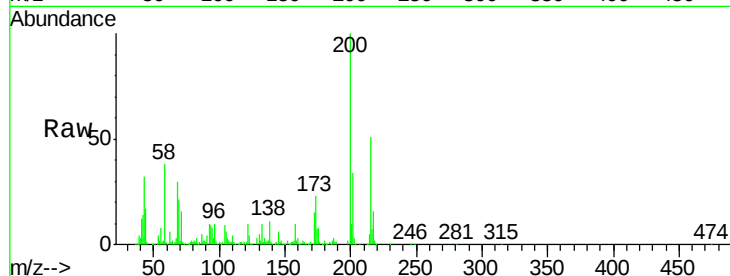
Tot Ion:200 Resp: 217802

Ion Ratio Lower Upper

200 100

173 22.7 2.8 42.8

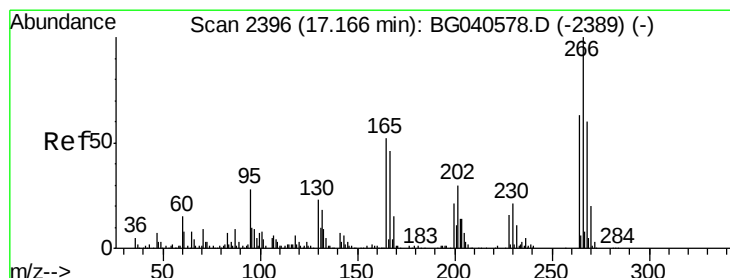
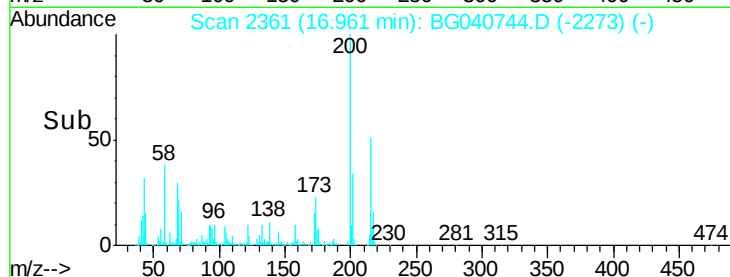
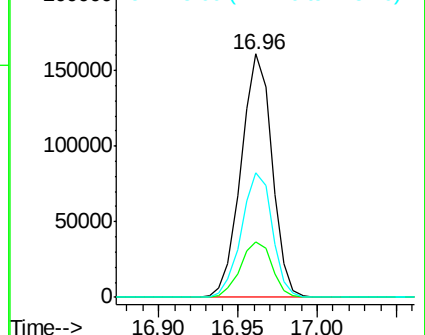
215 50.9 30.2 70.2



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: 19.407 ng

RT: 17.16 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

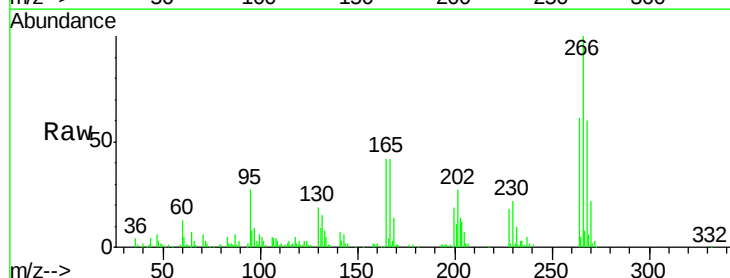
Tgt Ion:266 Resp: 70956

Ion Ratio Lower Upper

266 100

268 59.8 52.3 78.5

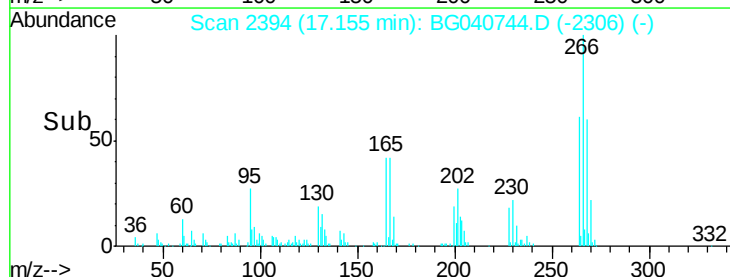
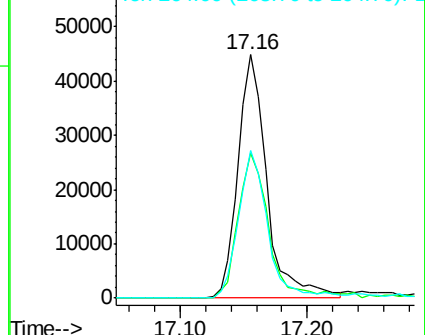
264 60.6 50.0 75.0

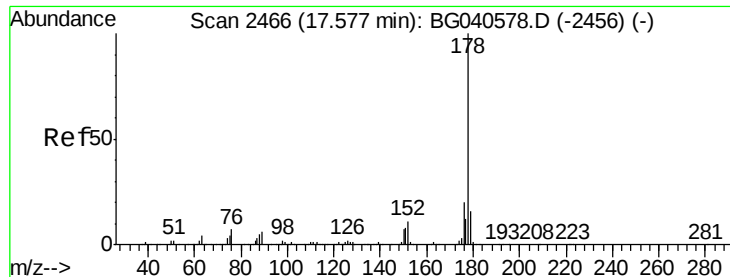


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

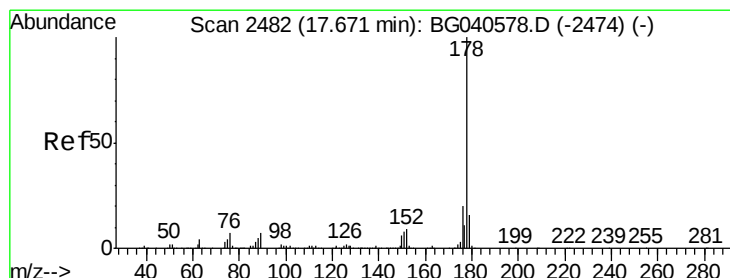
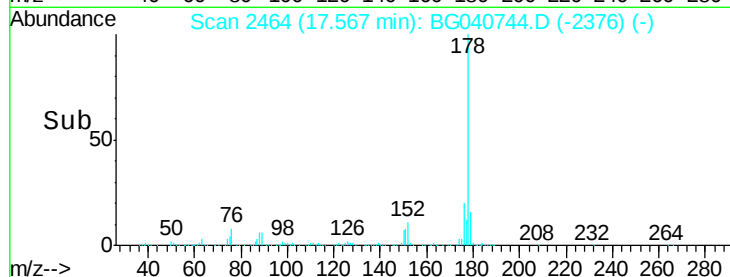
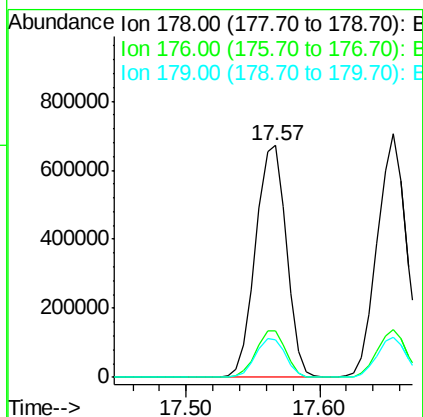
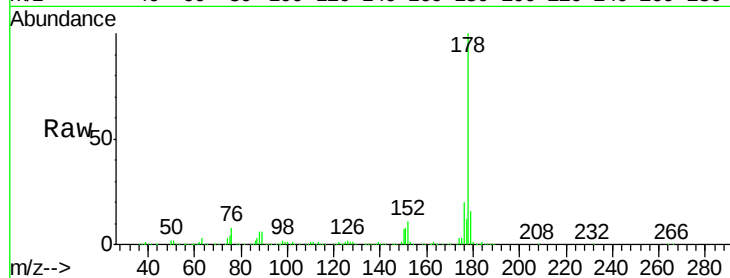




#71
Phenanthrene
Concen: 40.856 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

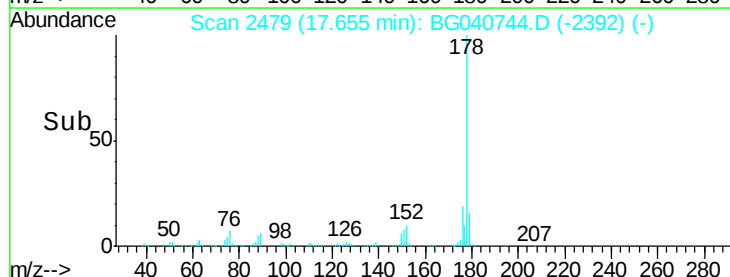
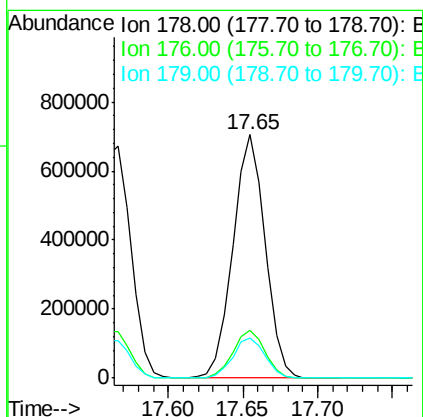
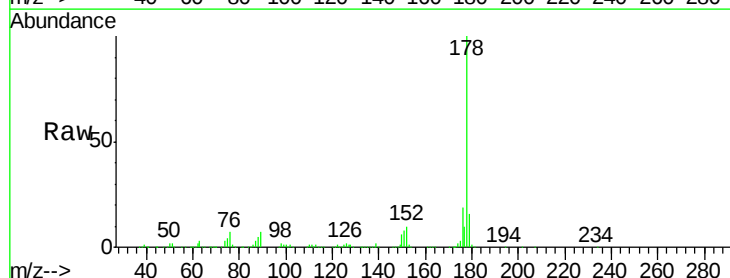
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1067350
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.4 12.6 18.8



#72
Anthracene
Concen: 40.292 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:178 Resp: 1058054
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.4 12.9 19.3

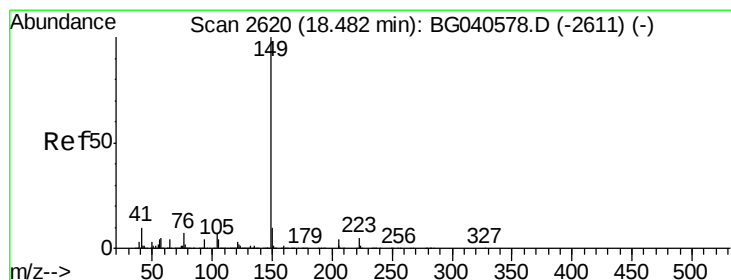
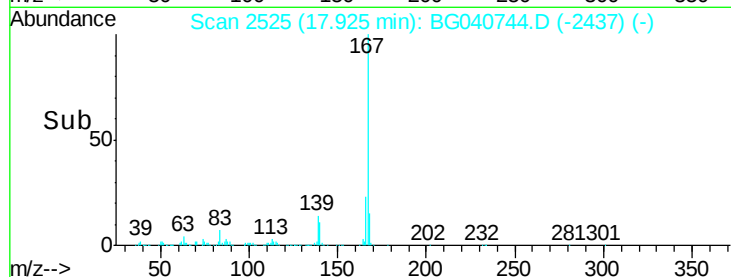
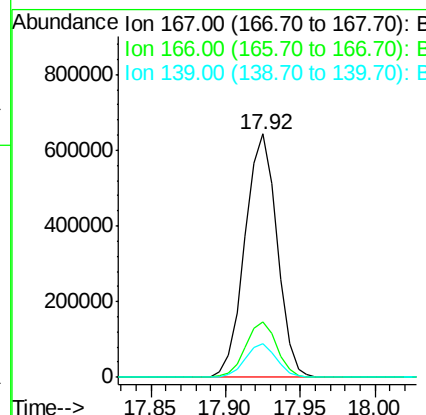
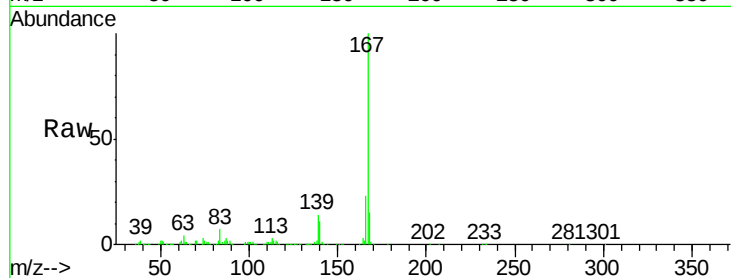




#73
 Carbazole
 Concen: 40.096 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

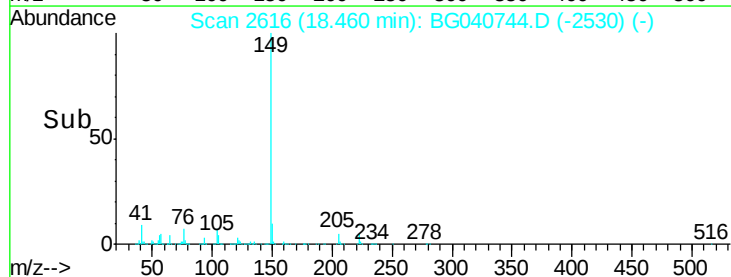
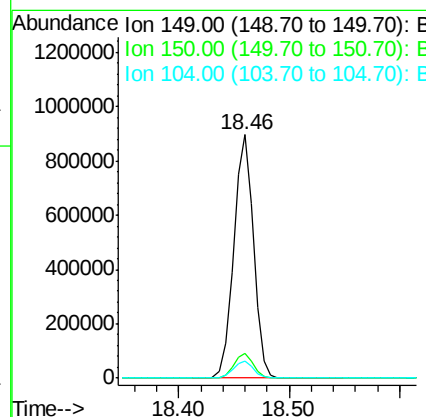
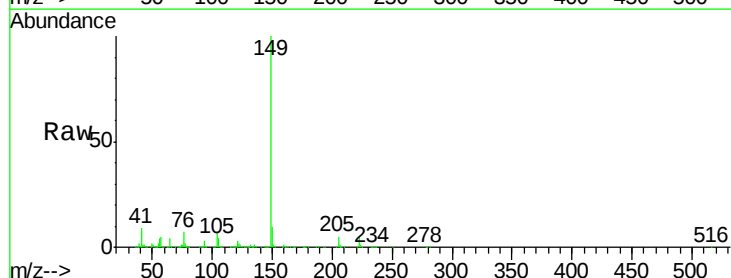
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

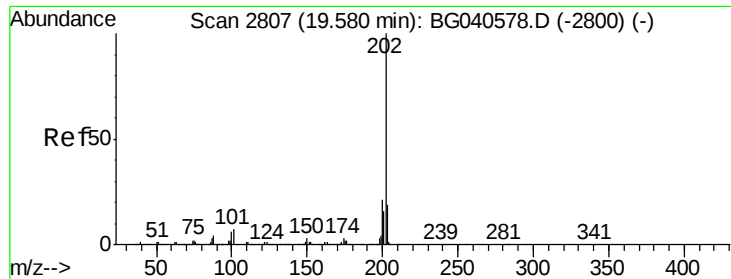
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 38.738 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BG040744.D
 Acq: 4 May 2019 3:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	7.2	5.4	8.2





#75

Fluoranthene

Concen: 41.469 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

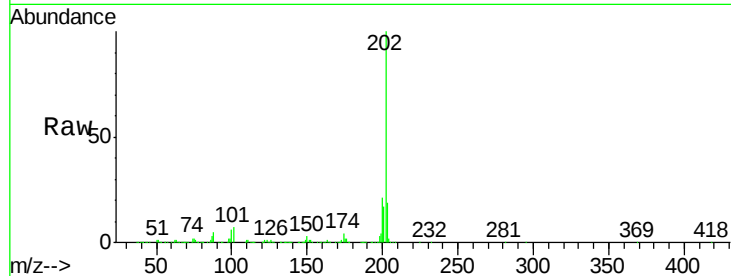
Tot Ion:202 Resp: 1350034

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.5

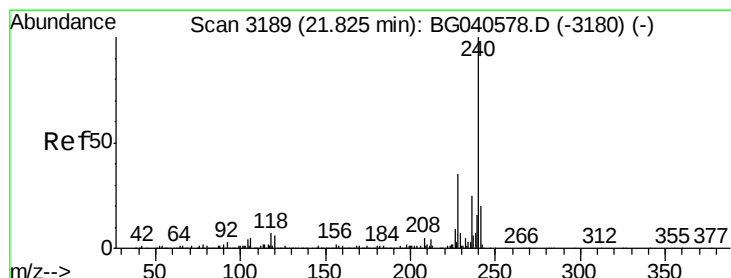
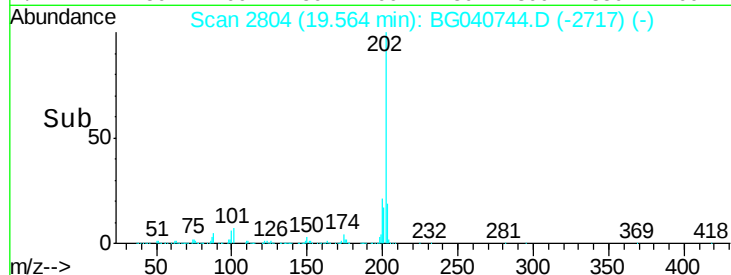
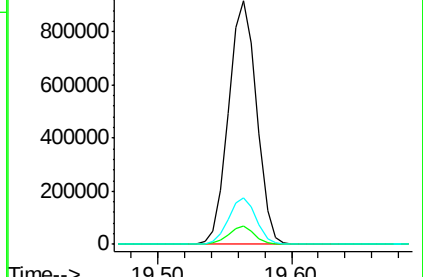
203 19.1 0.0 39.3



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: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

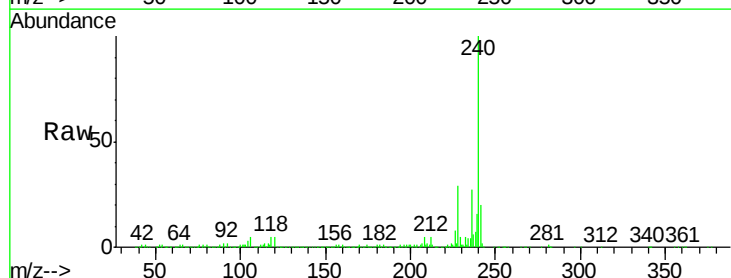
Tgt Ion:240 Resp: 526926

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

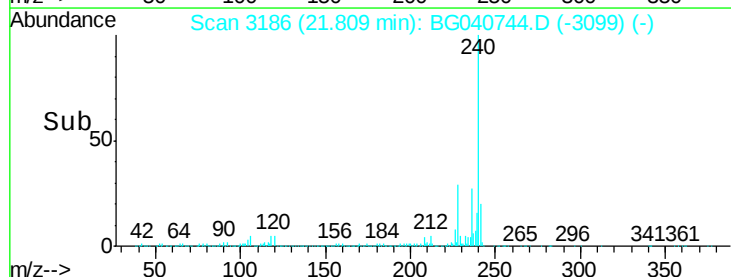
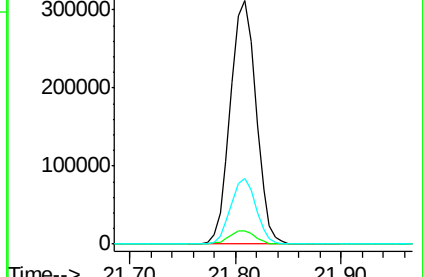
236 27.2 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.584 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

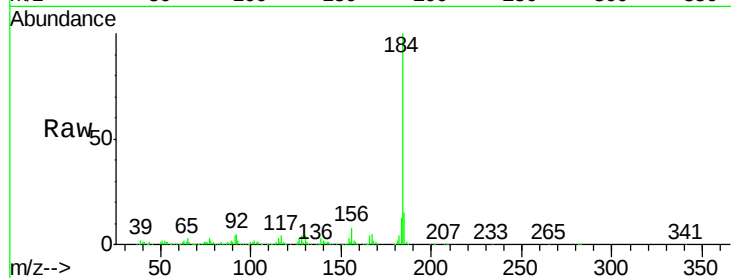
Tot Ion:184 Resp: 527811

Ion Ratio Lower Upper

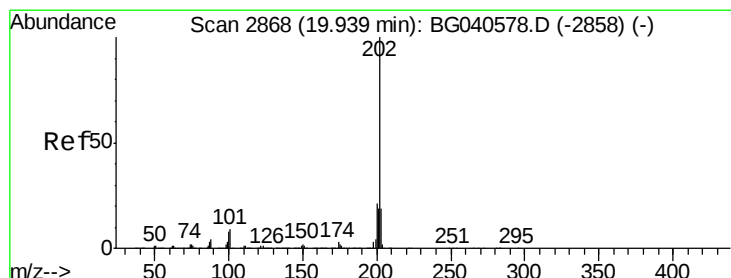
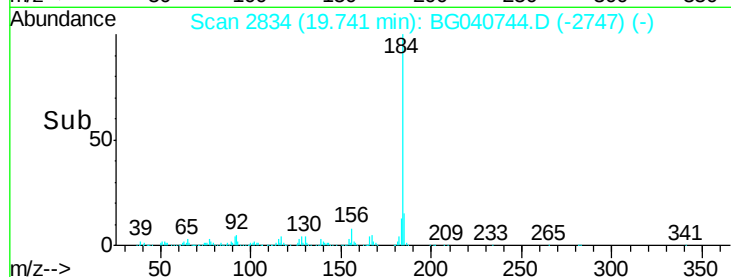
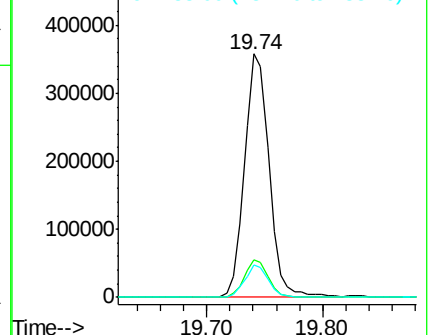
184 100

185 15.5 11.8 17.8

183 13.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.097 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

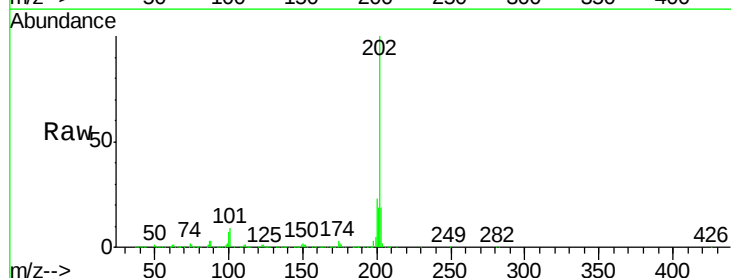
Tgt Ion:202 Resp: 1357231

Ion Ratio Lower Upper

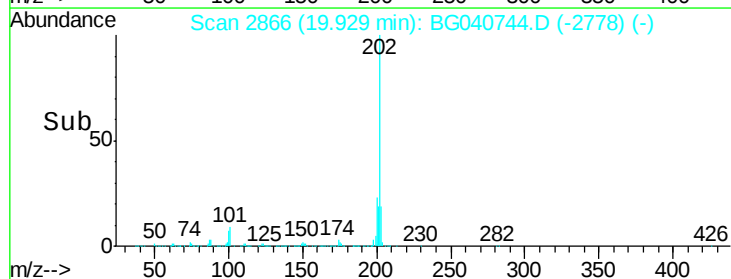
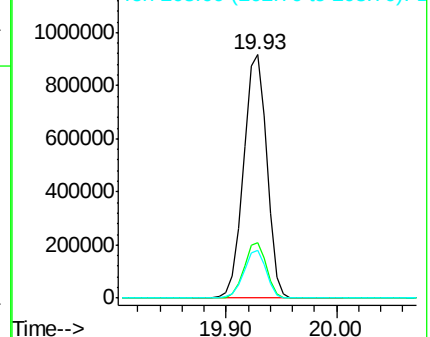
202 100

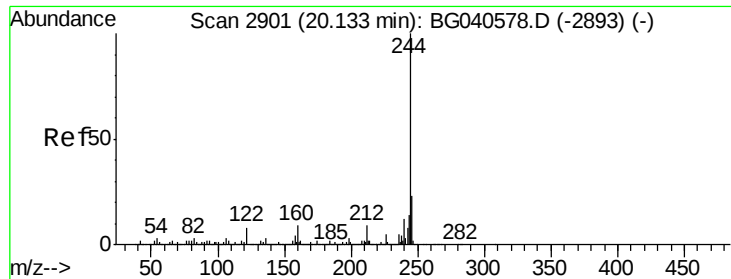
200 22.5 17.2 25.8

203 19.5 15.0 22.4



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: 80.155 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

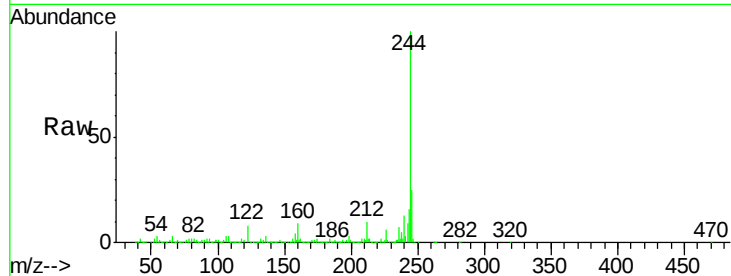
Tot Ion:244 Resp: 1906444

Ion Ratio Lower Upper

244 100

212 10.0 7.2 10.8

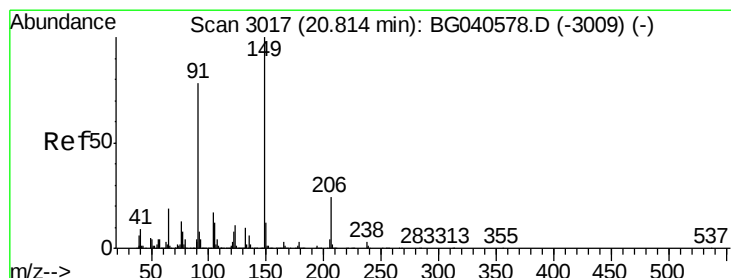
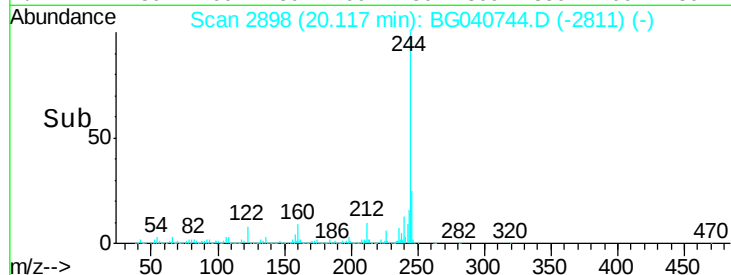
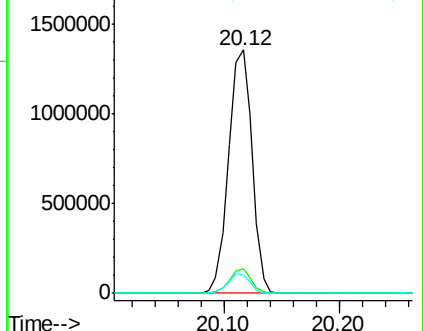
122 7.7 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.593 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

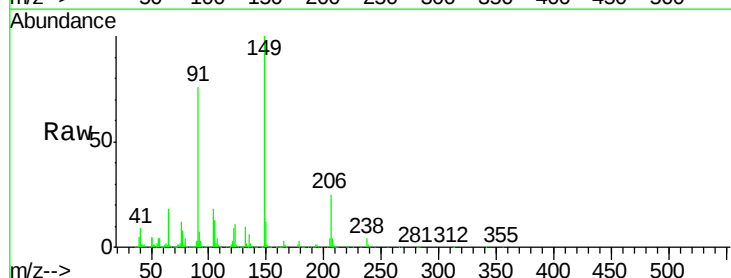
Tgt Ion:149 Resp: 522502

Ion Ratio Lower Upper

149 100

91 76.3 62.6 93.8

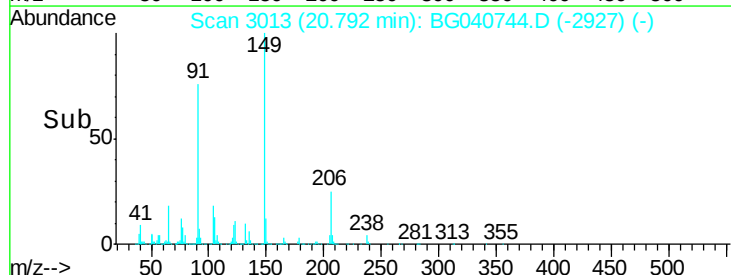
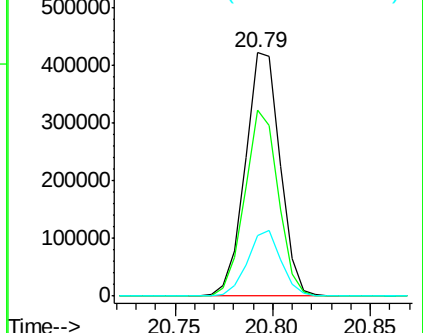
206 25.1 19.4 29.2

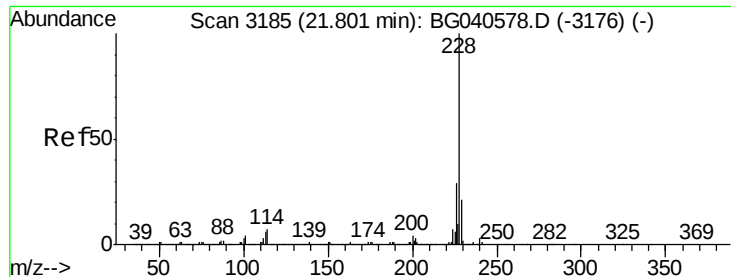


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.774 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

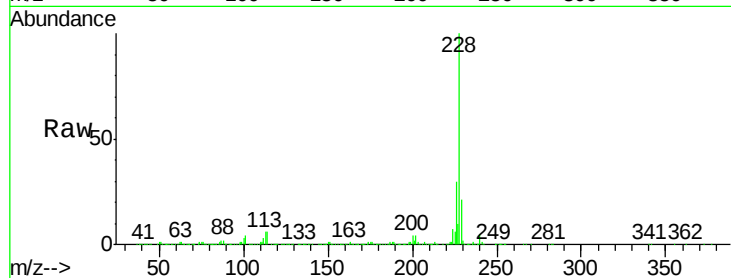
Tot Ion:228 Resp: 1357848

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

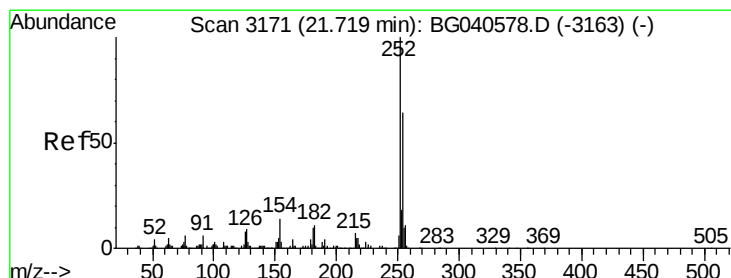
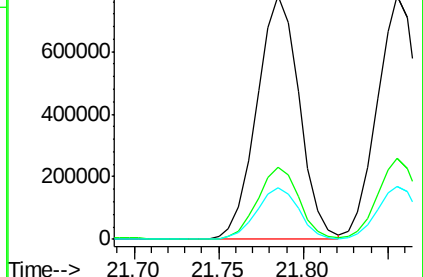
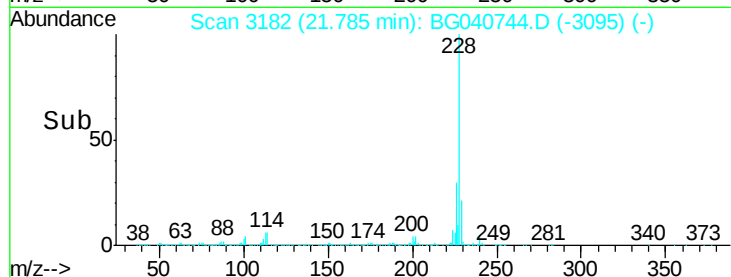
229 21.1 17.0 25.4



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: 41.765 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

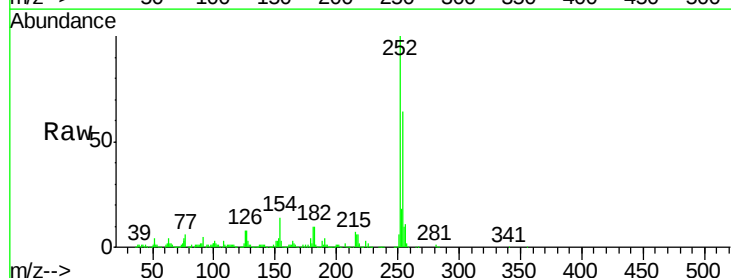
Tgt Ion:252 Resp: 495744

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

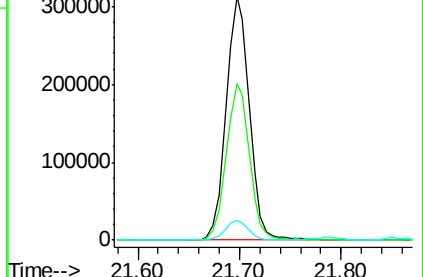
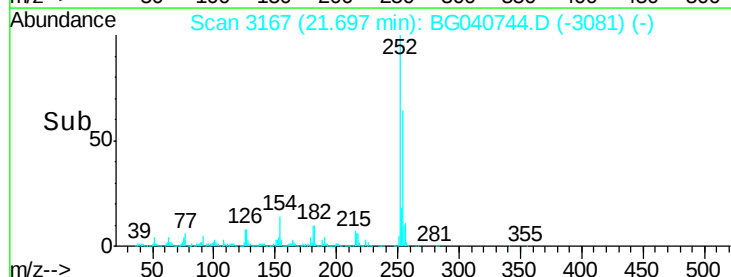
126 7.9 6.6 10.0

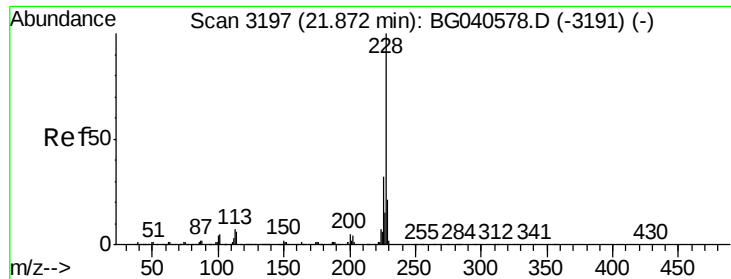


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.971 ng

RT: 21.86 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

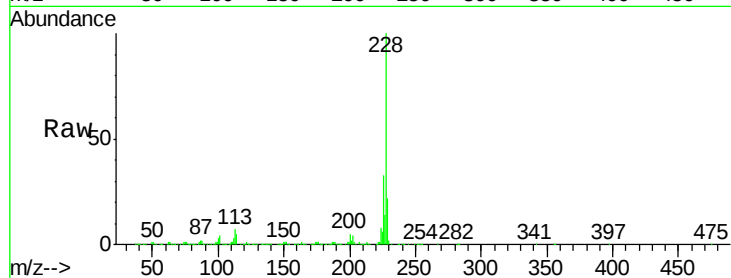
Tot Ion:228 Resp: 1297614

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.5	38.3
229	21.6	16.8	25.2

228 100

226 33.3 25.5 38.3

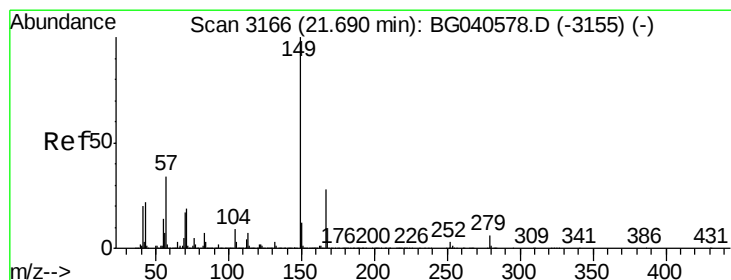
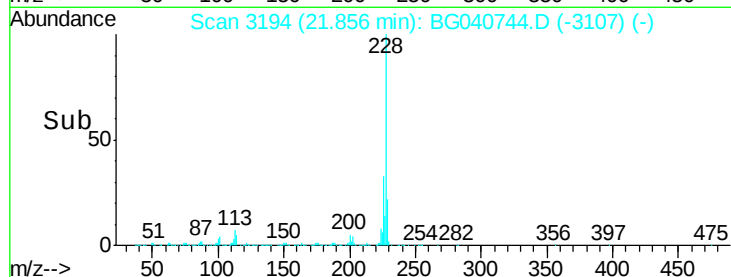
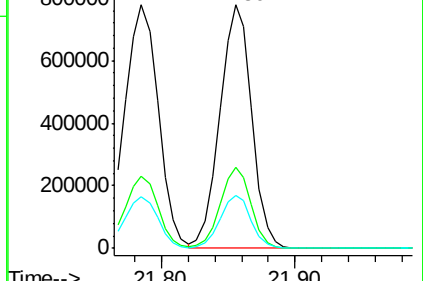
229 21.6 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.632 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

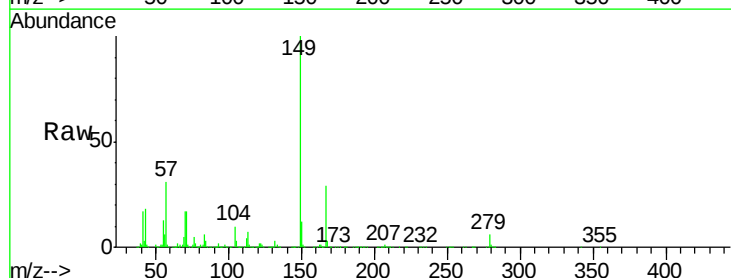
Tgt Ion:149 Resp: 717800

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.4	33.6
279	6.3	4.6	6.8

149 100

167 29.0 22.4 33.6

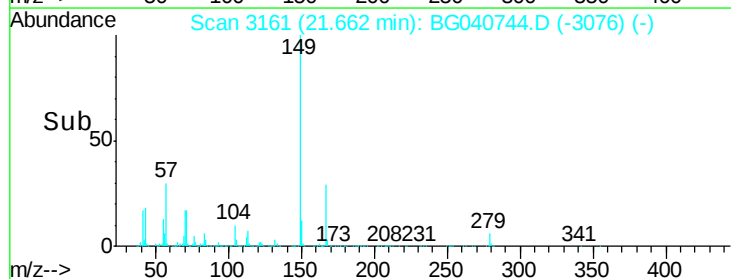
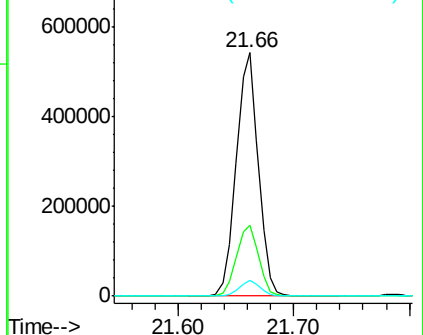
279 6.3 4.6 6.8

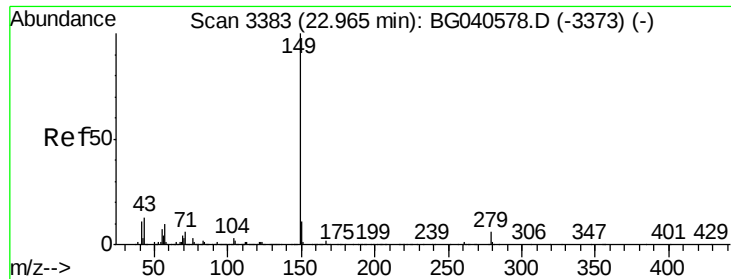


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.077 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

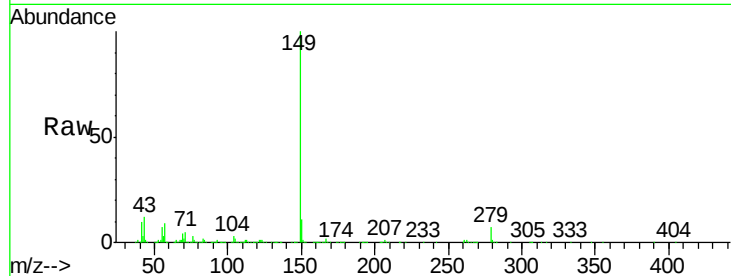
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1222805

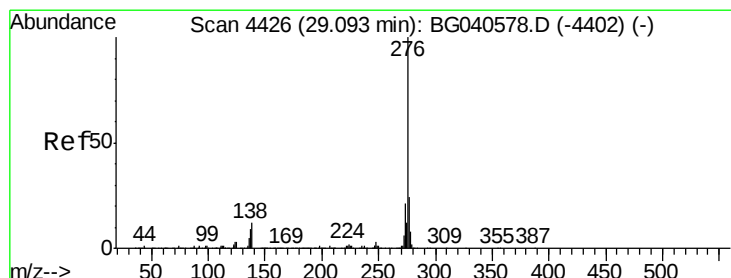
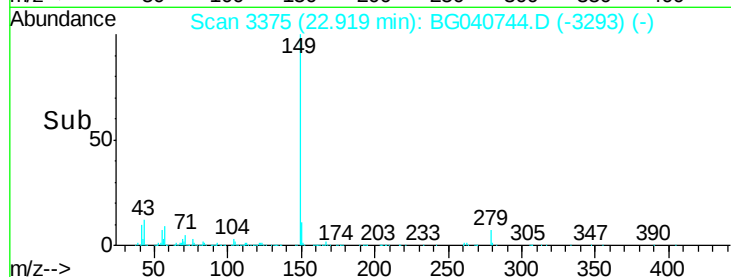
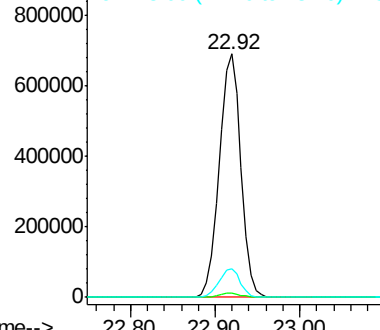
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.8	10.2	15.2



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: 38.782 ng

RT: 29.03 min Scan# 4415

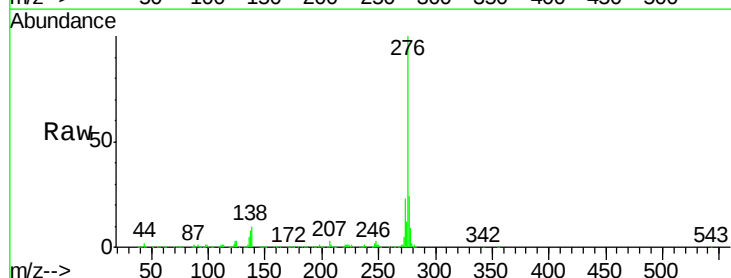
Delta R.T. -0.06 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Tgt Ion:276 Resp: 1485046

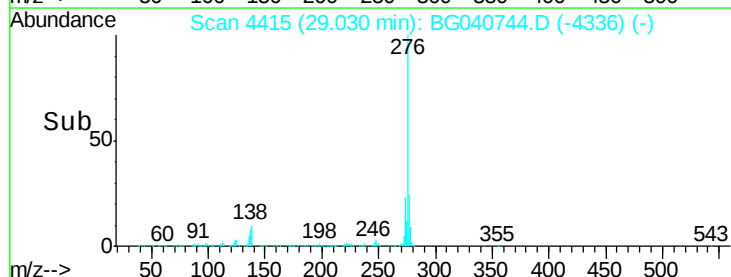
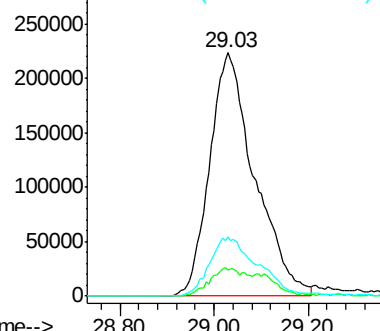
Ion	Ratio	Lower	Upper
276	100		
138	5.0	9.8	14.6#
277	25.7	17.3	25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

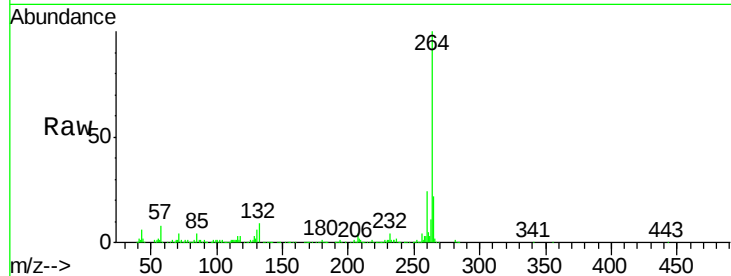
Tot Ion:264 Resp: 530684

Ion Ratio Lower Upper

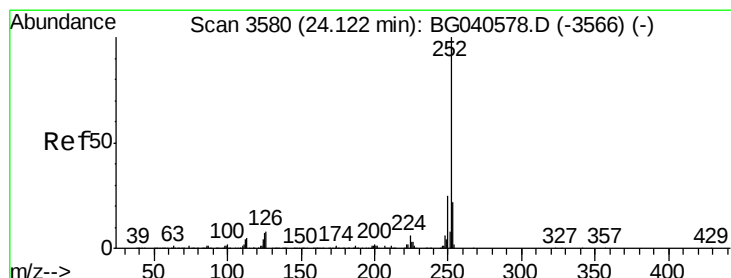
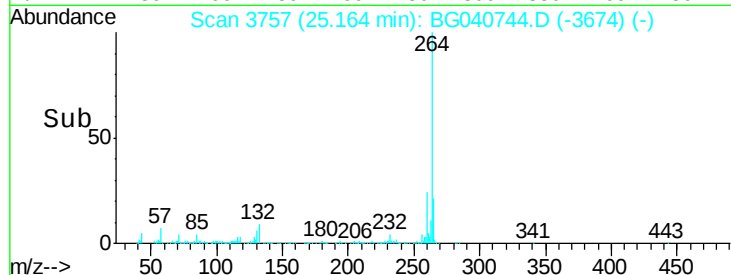
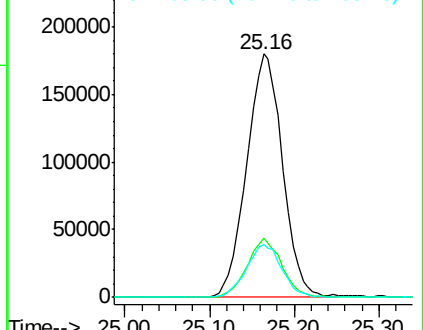
264 100

260 24.4 19.2 28.8

265 21.5 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.402 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

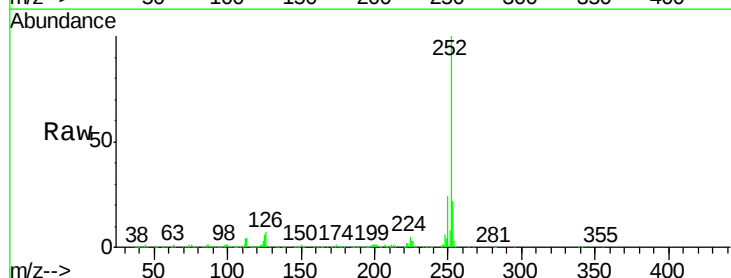
Tgt Ion:252 Resp: 1342640

Ion Ratio Lower Upper

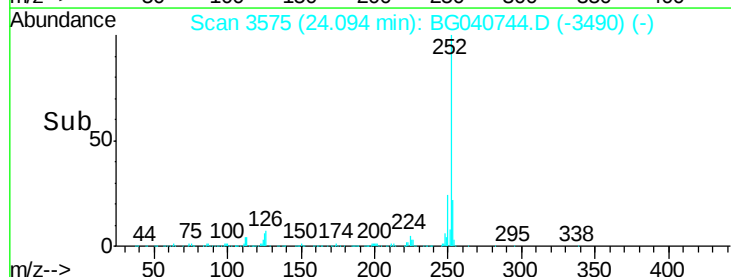
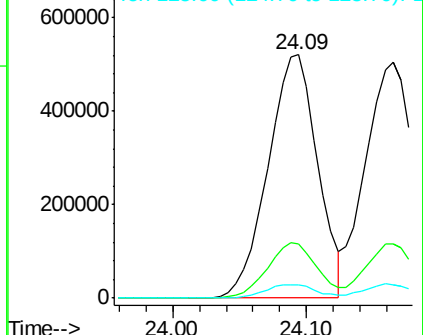
252 100

253 22.4 17.6 26.4

125 5.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

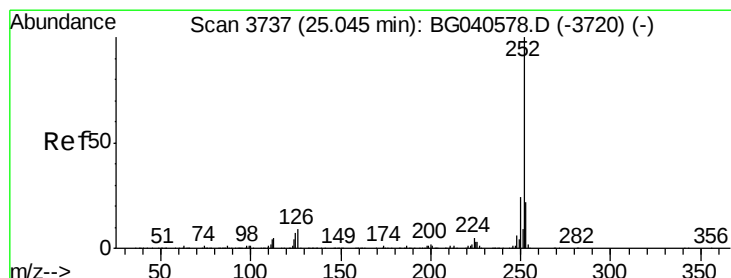
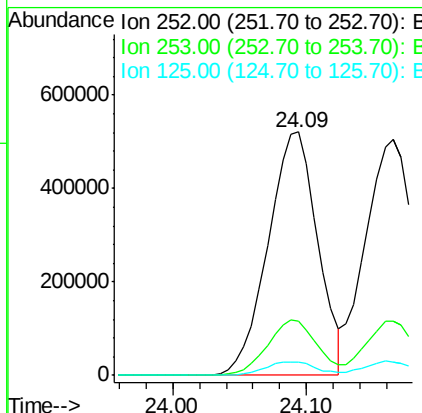
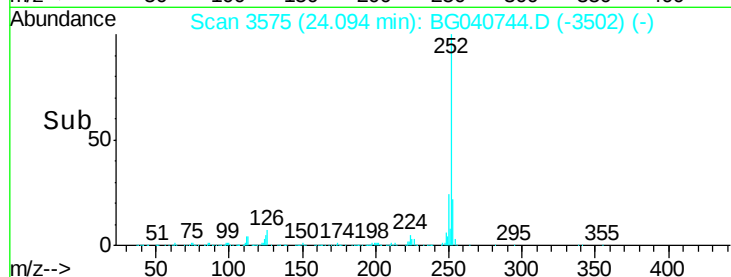
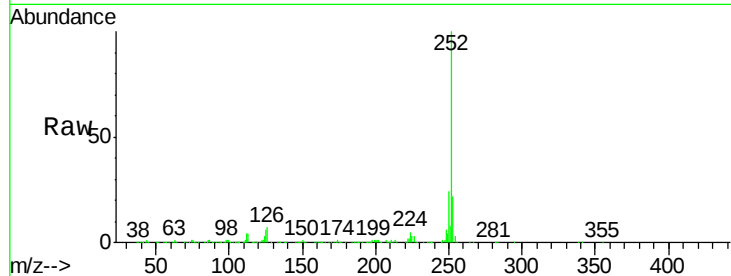




#89
Benzo(k)fluoranthene
Concen: 44.332 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.10 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

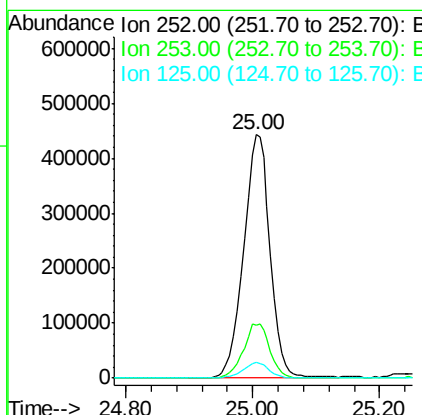
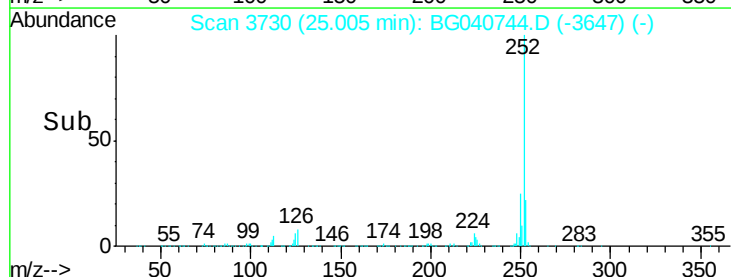
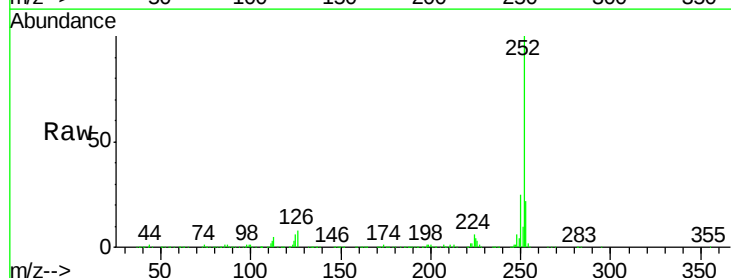
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

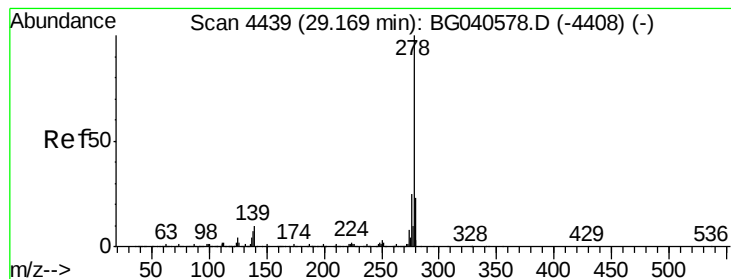
Tot Ion:252 Resp: 1342640
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 5.5 5.5 8.3



#90
Benzo(a)pyrene
Concen: 41.705 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040744.D
Acq: 4 May 2019 3:58

Tgt Ion:252 Resp: 1280235
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 6.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 38.495 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.07 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

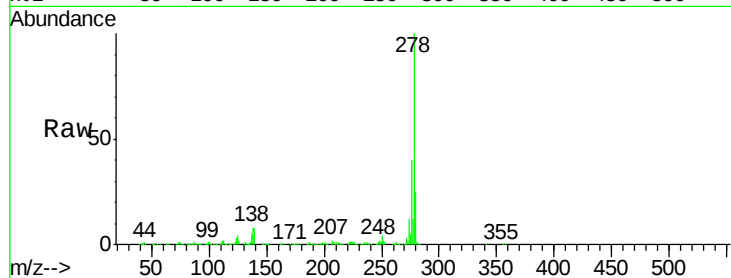
Tot Ion:278 Resp: 1195816

Ion Ratio Lower Upper

278 100

139 8.1 8.2 12.4#

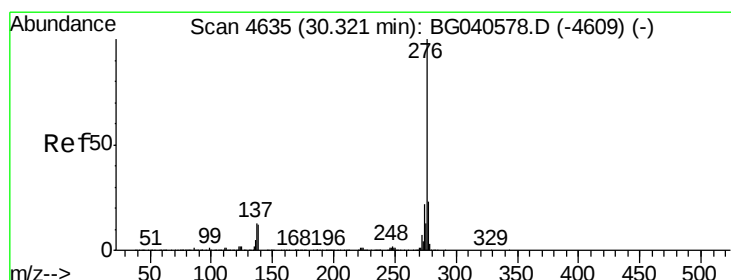
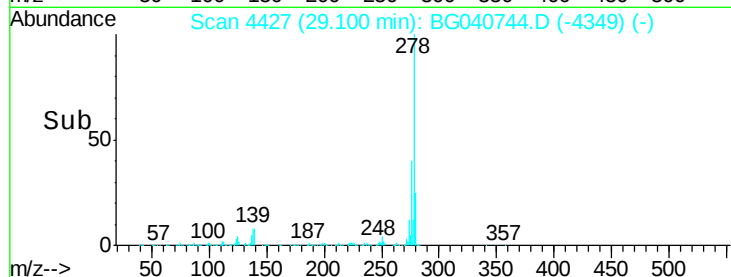
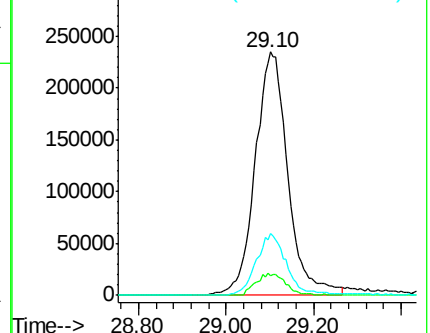
279 25.5 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.091 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040744.D

Acq: 4 May 2019 3:58

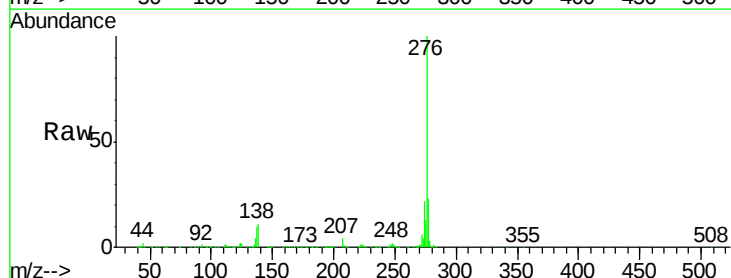
Tgt Ion:276 Resp: 1208544

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 10.9 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

