

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040378.D
 Acq On : 5 Apr 2019 15:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 05 23:36:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	62196	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	256429	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	159369	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	387974	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	396011	20.00	ng	-0.04
87) Perylene-d12	24.97	264	408008	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	307346	82.15	ng	-0.02
7) Phenol-d6	7.20	99	415157	80.29	ng	-0.02
23) Nitrobenzene-d5	9.23	82	384679	79.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	153000	88.83	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	852711	79.28	ng	-0.03
79) Terphenyl-d14	20.02	244	1332290	75.68	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	70229	39.920	ng	98
3) Pyridine	3.90	79	195117	41.193	ng	99
4) n-Nitrosodimethylamine	3.83	42	82512	37.659	ng	# 94
6) Aniline	7.37	93	258774	38.521	ng	98
8) 2-Chlorophenol	7.61	128	174130	39.760	ng	97
9) Benzaldehyde	7.19	77	126421	35.644	ng	95
10) Phenol	7.23	94	221766	39.515	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	175707	39.089	ng	99
12) 1,3-Dichlorobenzene	7.93	146	187550	39.394	ng	93
13) 1,4-Dichlorobenzene	8.08	146	192973	40.697	ng	99
14) 1,2-Dichlorobenzene	8.40	146	181244	39.970	ng	99
15) Benzyl Alcohol	8.29	79	153448	36.850	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	321096	37.220	ng	98
17) 2-Methylphenol	8.48	107	145806	37.545	ng	95
18) Hexachloroethane	9.12	117	69619	38.599	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	134031	36.155	ng	98
20) 3+4-Methylphenols	8.81	107	201953	38.387	ng	98
22) Acetophenone	8.88	105	249525	39.009	ng	# 98
24) Nitrobenzene	9.27	77	198492	39.732	ng	99
25) Isophorone	9.78	82	375779	37.857	ng	# 98
26) 2-Nitrophenol	9.97	139	98370	41.556	ng	97
27) 2,4-Dimethylphenol	10.02	122	150116	39.924	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	232368	39.567	ng	100
29) 2,4-Dichlorophenol	10.51	162	165066	40.444	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	184073	41.074	ng	96
31) Naphthalene	10.91	128	536807	40.841	ng	97
32) Benzoic acid	10.15	122	67882	29.880	ng	# 82
33) 4-Chloroaniline	11.02	127	224958	40.124	ng	96
34) Hexachlorobutadiene	11.17	225	115796	40.402	ng	96
35) Caprolactam	11.81	113	62075	38.326	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	190411	40.582	ng	98
37) 2-Methylnaphthalene	12.51	142	381877	39.284	ng	98
38) 1-Methylnaphthalene	12.73	142	377120	40.007	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	202602	39.998	ng	99

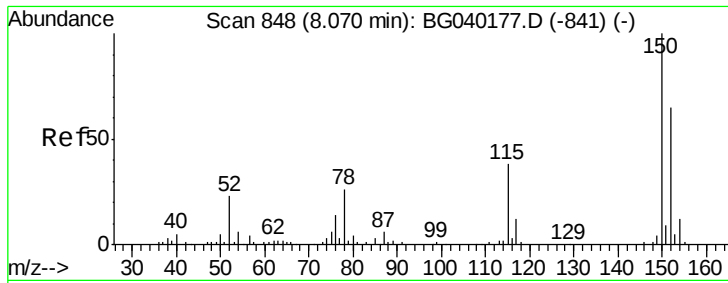
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040378.D
 Acq On : 5 Apr 2019 15:45
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	118838	42.729	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	130258	39.886	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	145696	40.930	ng	99
46) 1,1'-Biphenyl	13.51	154	492523	39.113	ng	100
47) 2-Chloronaphthalene	13.56	162	383248	39.678	ng	99
48) 2-Nitroaniline	13.77	65	129891	39.867	ng	99
49) Acenaphthylene	14.40	152	644764	39.371	ng	99
50) Dimethylphthalate	14.13	163	490739	39.345	ng	98
51) 2,6-Dinitrotoluene	14.26	165	113721	40.606	ng	97
52) Acenaphthene	14.74	154	369751	39.402	ng	99
53) 3-Nitroaniline	14.60	138	122371	41.279	ng	97
54) 2,4-Dinitrophenol	14.80	184	49518	33.246	ng	90
55) Dibenzofuran	15.08	168	608532	40.357	ng	98
56) 4-Nitrophenol	14.90	139	94983	39.698	ng	98
57) 2,4-Dinitrotoluene	15.04	165	163563	42.031	ng	97
58) Fluorene	15.72	166	481851	40.644	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	134568	41.660	ng	98
60) Diethylphthalate	15.48	149	509577	39.925	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	254793	40.207	ng	96
62) 4-Nitroaniline	15.76	138	132161	41.541	ng	98
63) Azobenzene	16.00	77	480633	39.922	ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	86064	39.484	ng	99
66) n-Nitrosodiphenylamine	15.93	169	437237	38.512	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	170762	39.111	ng	99
68) Hexachlorobenzene	16.72	284	173600	39.546	ng	97
69) Atrazine	16.87	200	166024	39.311	ng	97
70) Pentachlorophenol	17.06	266	89722	35.352	ng	94
71) Phenanthrene	17.46	178	817251	40.076	ng	99
72) Anthracene	17.56	178	816335	39.994	ng	99
73) Carbazole	17.83	167	796176	41.216	ng	99
74) Di-n-butylphthalate	18.36	149	928934	40.569	ng	99
75) Fluoranthene	19.47	202	1002425	41.513	ng	99
77) Benzidine	19.65	184	536377	37.508	ng	100
78) Pyrene	19.84	202	1014086	38.940	ng	100
80) Butylbenzylphthalate	20.70	149	440394	39.519	ng	95
81) Benzo(a)anthracene	21.68	228	955632	39.178	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	367557	39.612	ng	98
83) Chrysene	21.74	228	930858	39.708	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	625038	39.237	ng	99
85) Di-n-octyl phthalate	22.76	149	1060395	39.071	ng	98
86) Indeno(1,2,3-cd)pyrene	28.72	276	1118296	39.004	ng	99
88) Benzo(b)fluoranthene	23.93	252	978615	39.176	ng	98
89) Benzo(k)fluoranthene	23.99	252	922008	40.137	ng	98
90) Benzo(a)pyrene	24.81	252	925317	39.480	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	891926	40.975	ng	97
92) Benzo(g,h,i)perylene	29.91	276	899868	40.225	ng	99

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

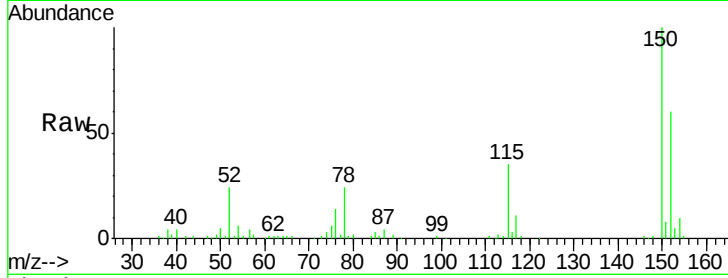


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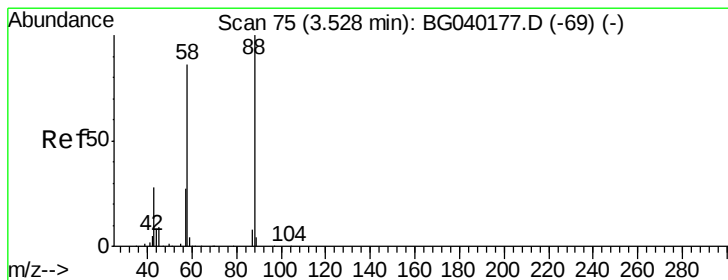
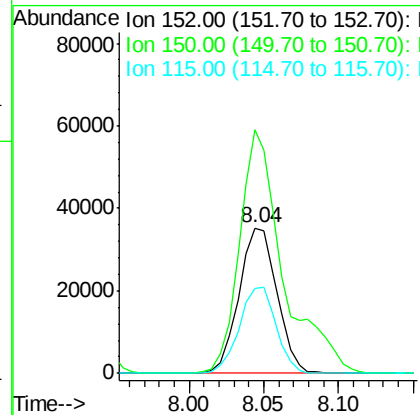
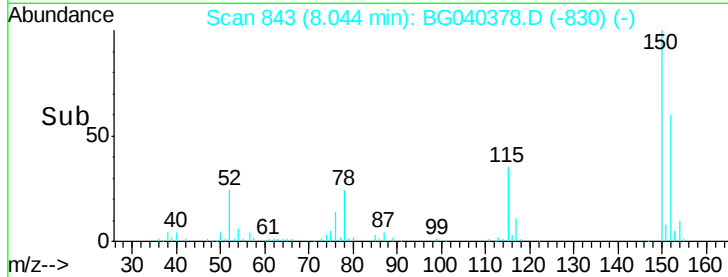
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 62196
Ion Ratio Lower Upper
152 100
150 167.3 123.7 185.5
115 58.0 46.9 70.3



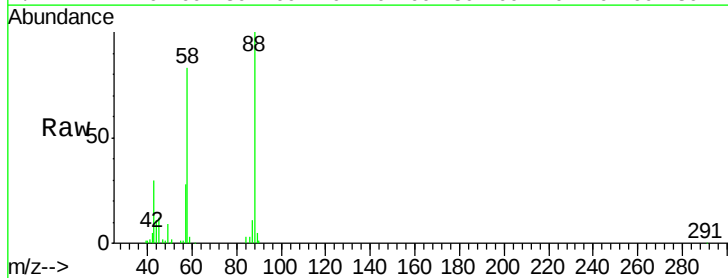
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



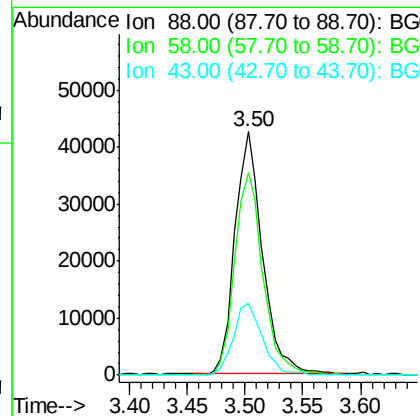
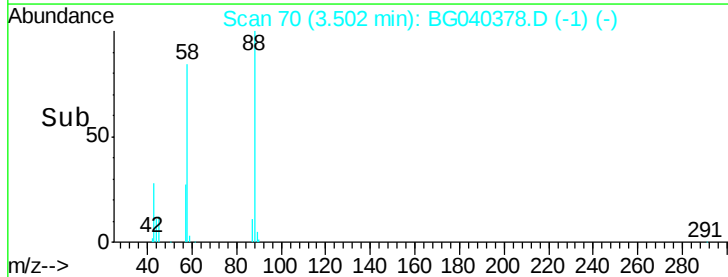
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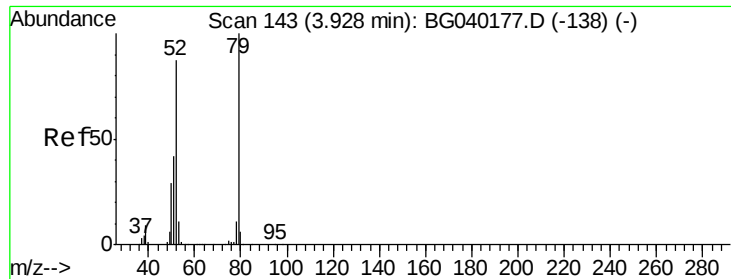
1,4-Dioxane
Concen: 39.920 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion: 88 Resp: 70229
Ion Ratio Lower Upper
88 100
58 85.5 70.6 106.0
43 31.2 24.8 37.2



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: 41.193 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

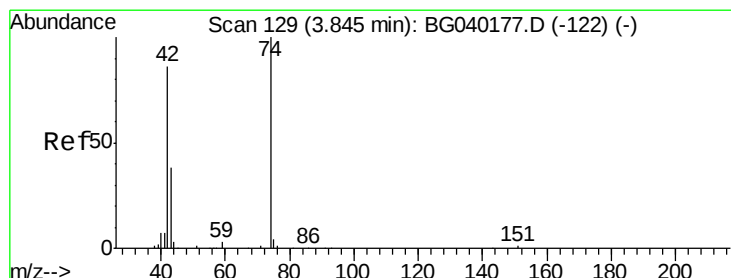
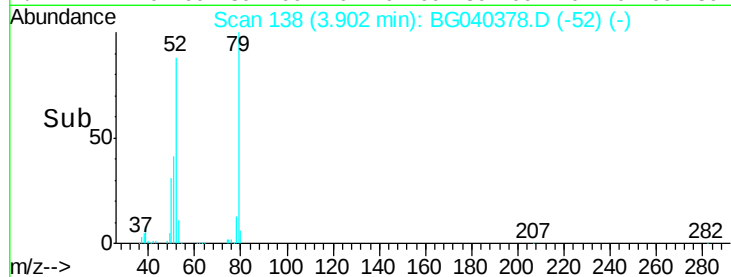
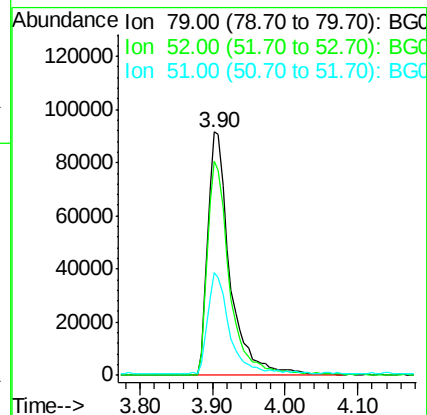
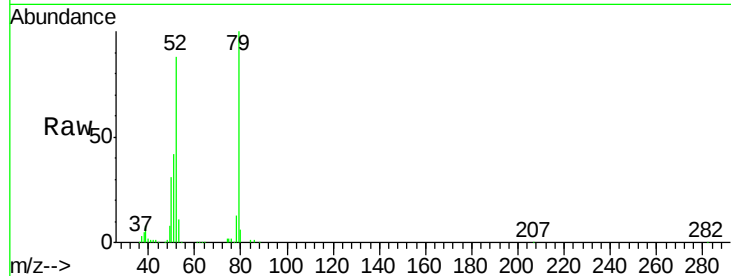
Tot Ion: 79 Resp: 195117

Ion Ratio Lower Upper

79 100

52 87.9 69.8 104.8

51 42.2 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.659 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

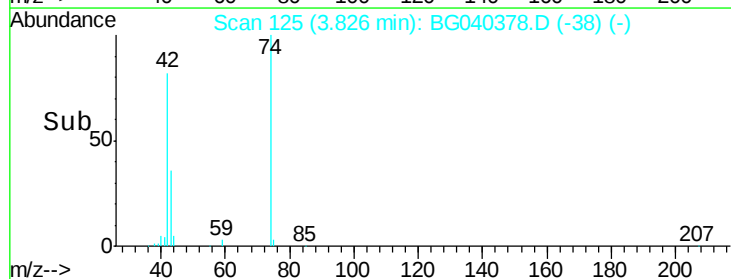
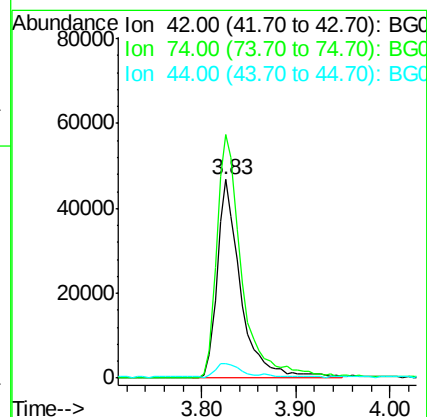
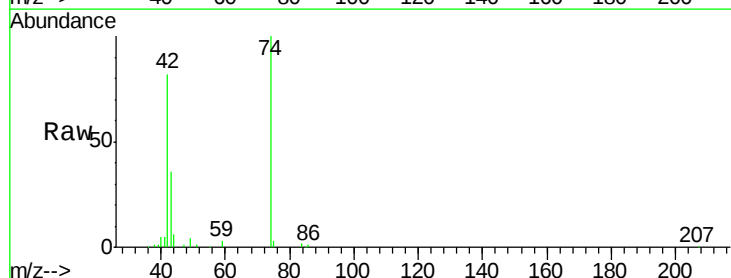
Tgt Ion: 42 Resp: 82512

Ion Ratio Lower Upper

42 100

74 122.5 92.9 139.3

44 7.4 9.7 14.5#





#5

2-Fluorophenol

Concen: 82.149 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

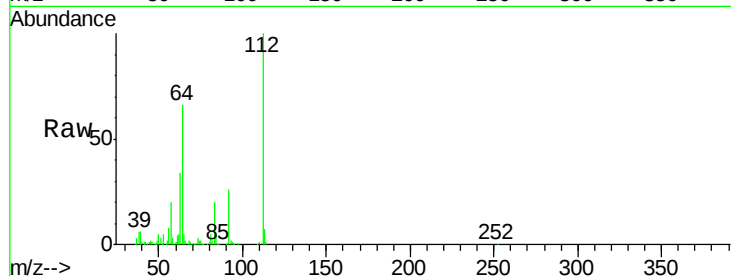
Tot Ion:112 Resp: 307346

Ion Ratio Lower Upper

112 100

64 66.3 54.2 81.2

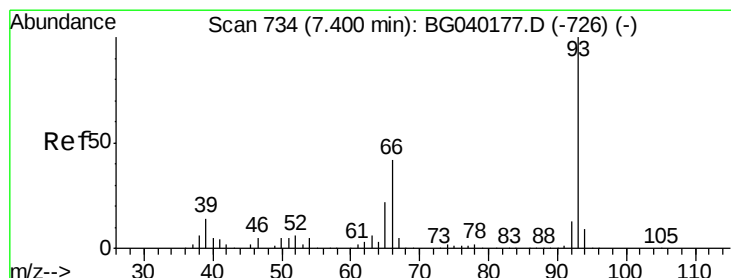
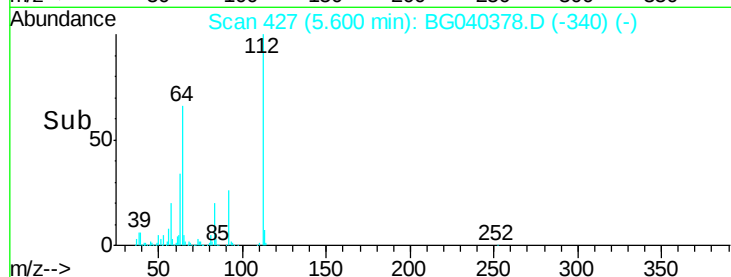
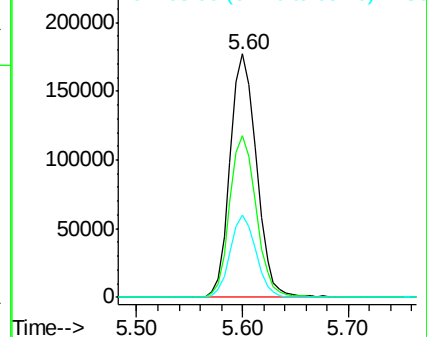
63 33.7 26.4 39.6



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: 38.521 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

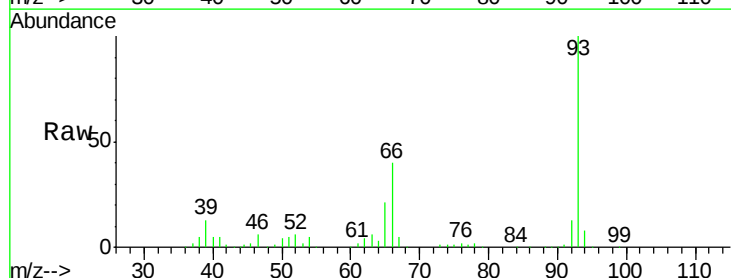
Tgt Ion: 93 Resp: 258774

Ion Ratio Lower Upper

93 100

66 40.3 33.6 50.4

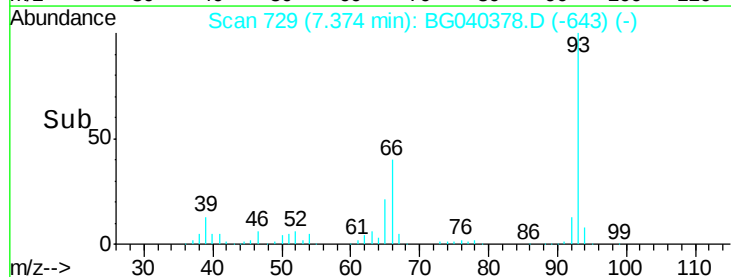
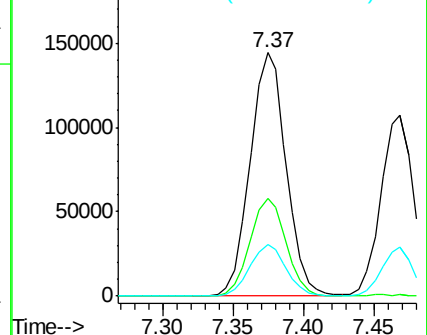
65 21.2 17.4 26.2



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: 80.293 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

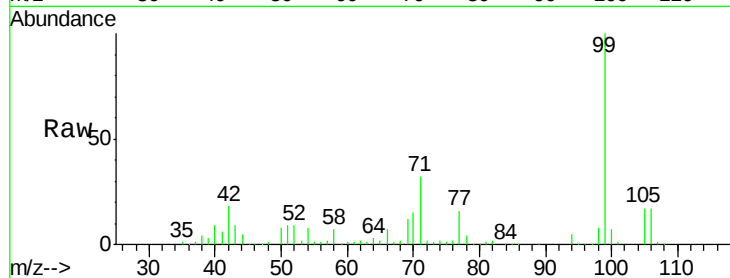
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 415157

Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.2	24.2
71	31.9	26.8	40.2

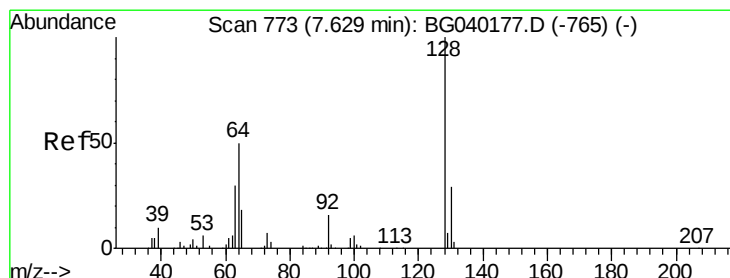
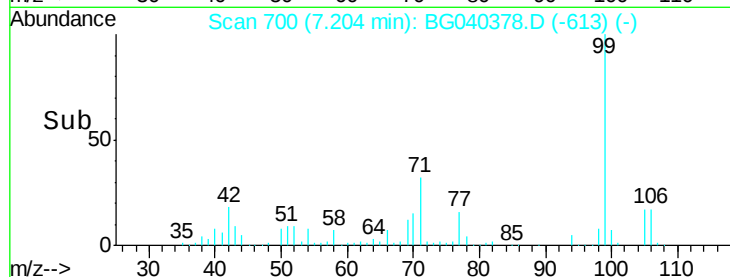
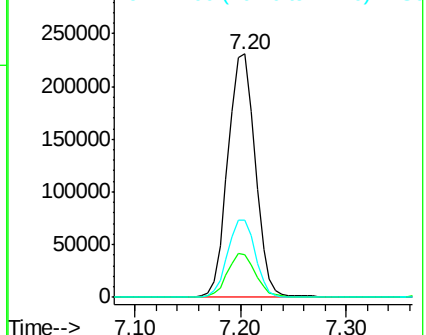


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.760 ng

RT: 7.61 min Scan# 769

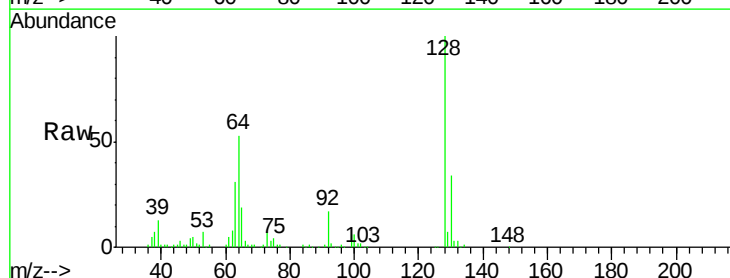
Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Tgt Ion: 128 Resp: 174130

Ion	Ratio	Lower	Upper
128	100		
130	33.7	9.1	49.1
64	52.8	33.1	73.1

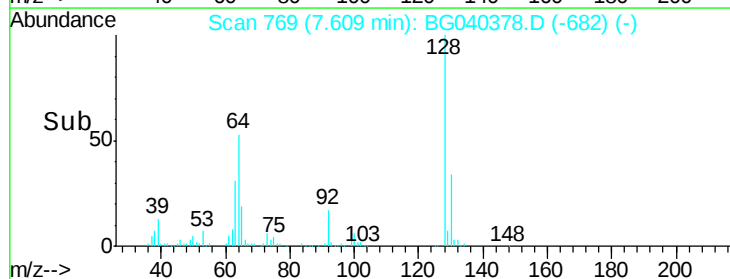
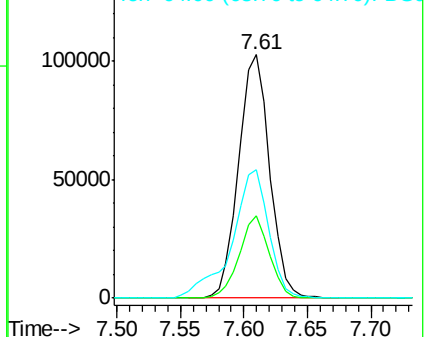


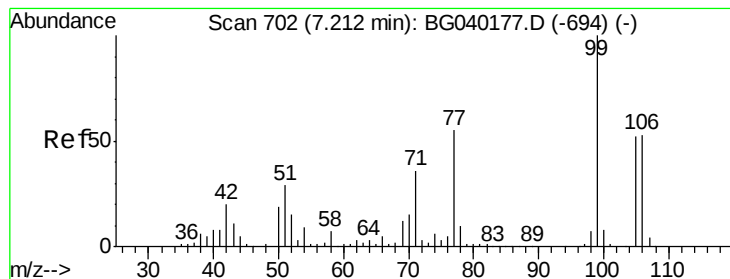
Abundance

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: 35.644 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

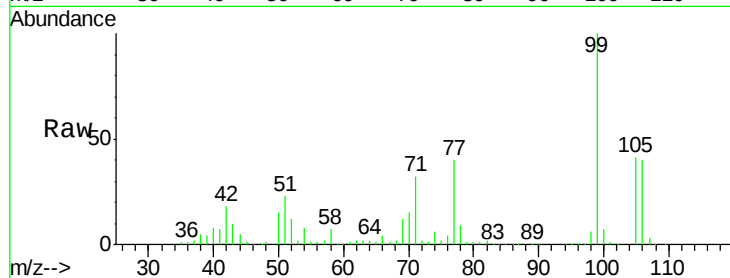
Tot Ion: 77 Resp: 126421

Ion Ratio Lower Upper

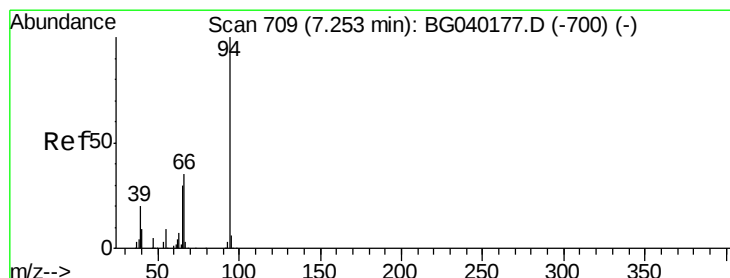
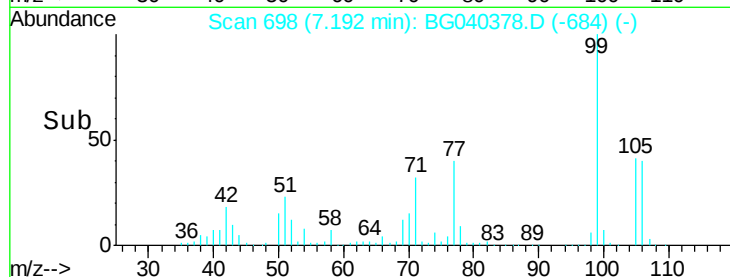
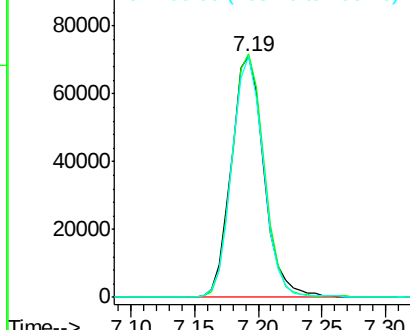
77 100

105 101.1 75.0 115.0

106 100.2 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.515 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

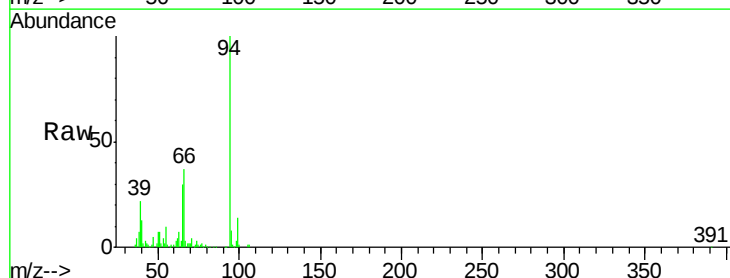
Tgt Ion: 94 Resp: 221766

Ion Ratio Lower Upper

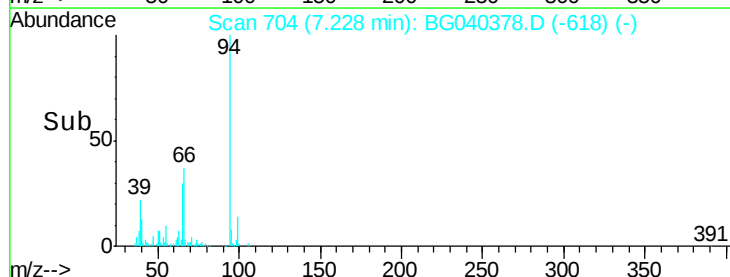
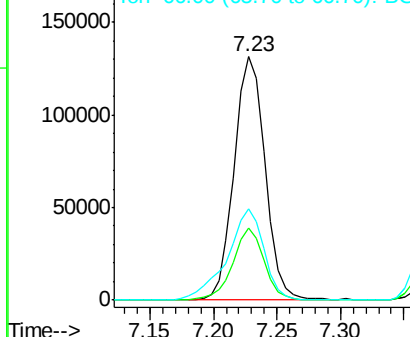
94 100

65 29.6 10.5 50.5

66 37.4 16.9 56.9



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



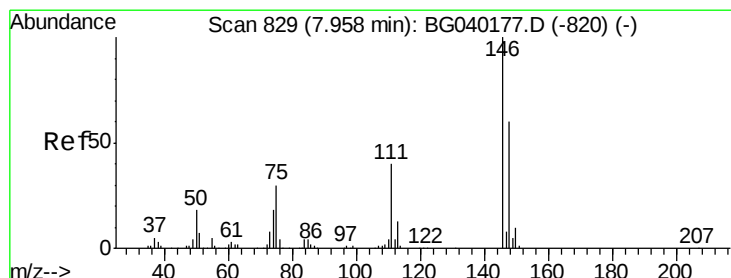
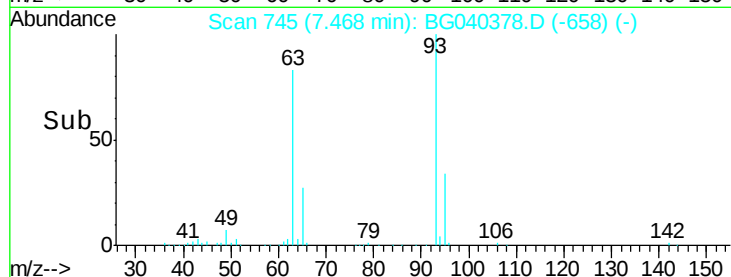
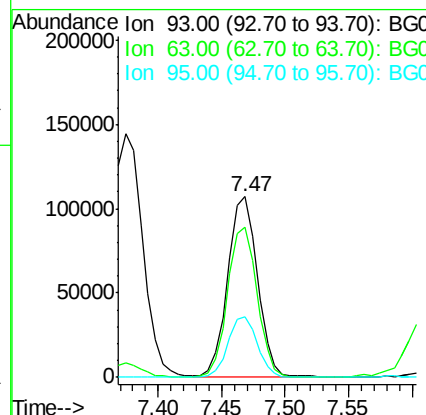
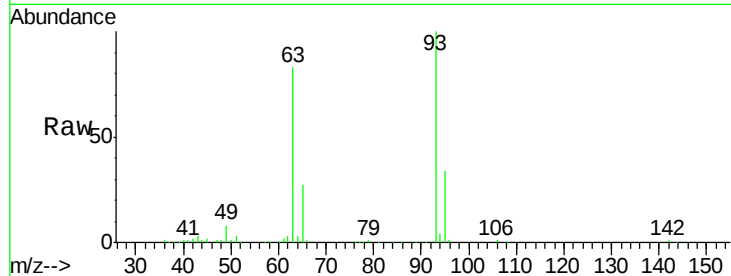


#11
 bis(2-Chloroethyl)ether
 Concen: 39.089 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion: 93 Resp: 175707

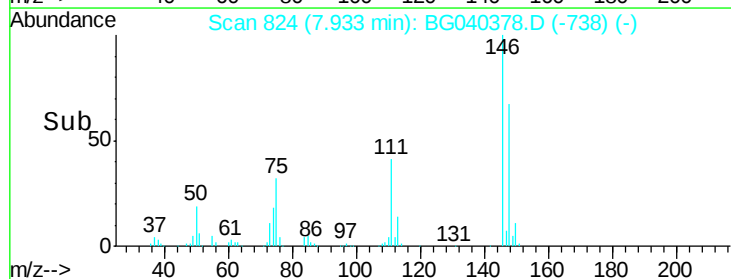
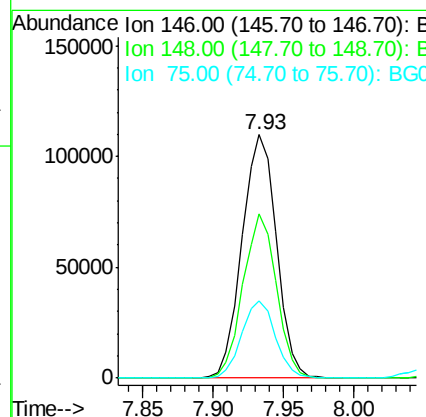
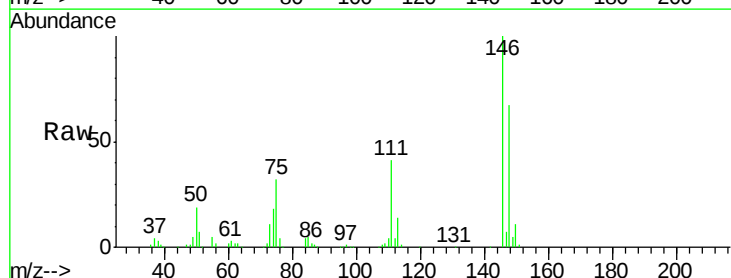
Ion	Ratio	Lower	Upper
93	100		
63	83.0	64.2	104.2
95	33.7	14.0	54.0

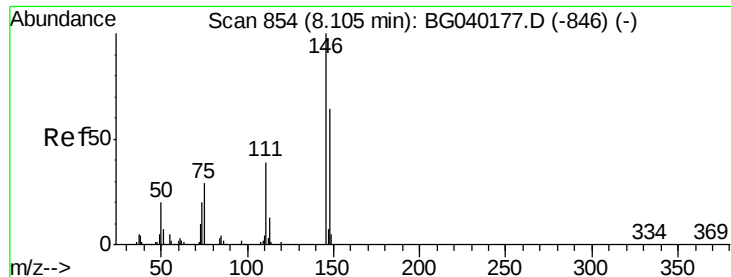


#12
 1,3-Dichlorobenzene
 Concen: 39.394 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion: 146 Resp: 187550

Ion	Ratio	Lower	Upper
146	100		
148	67.4	48.2	72.2
75	31.7	24.1	36.1

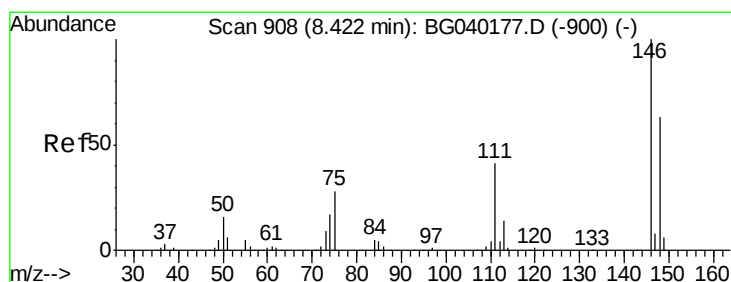
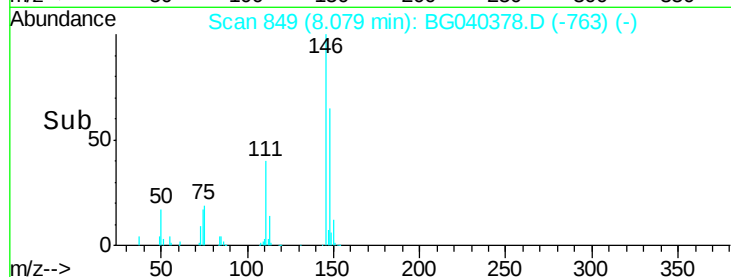
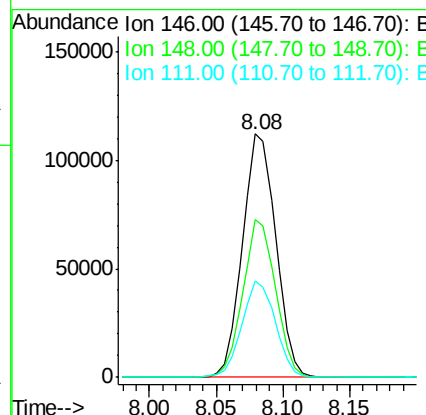
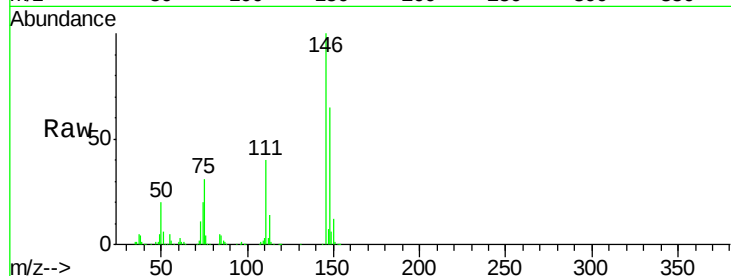




#13
 1,4-Dichlorobenzene
 Concen: 40.697 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

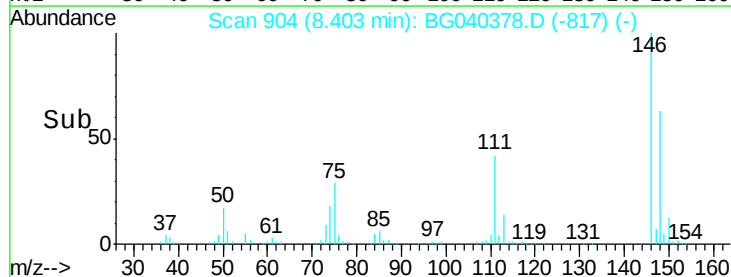
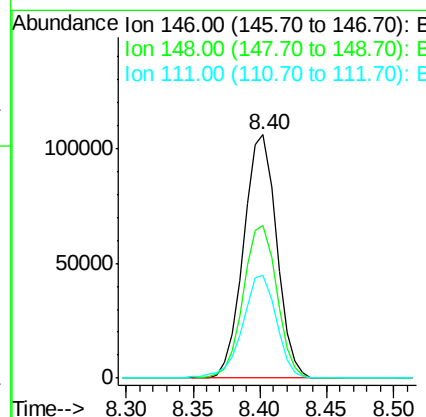
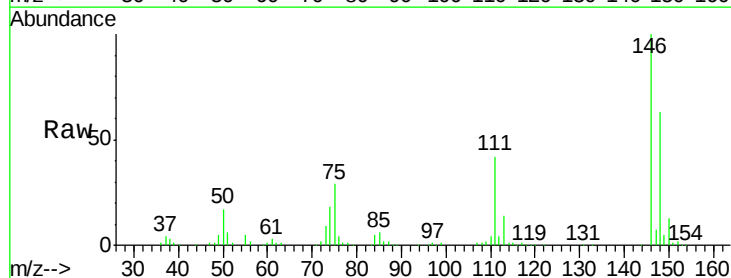
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 192973
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 111 39.7 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.970 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion:146 Resp: 181244
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 42.0 33.4 50.0





#15

Benzyl Alcohol

Concen: 36.850 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

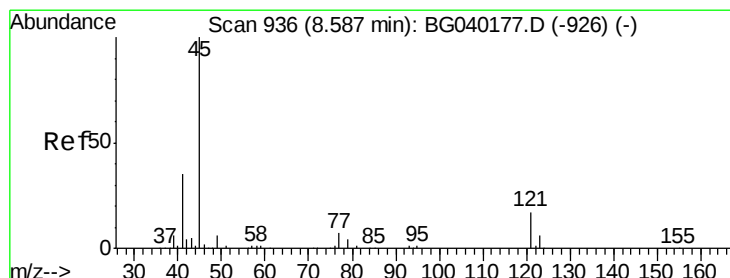
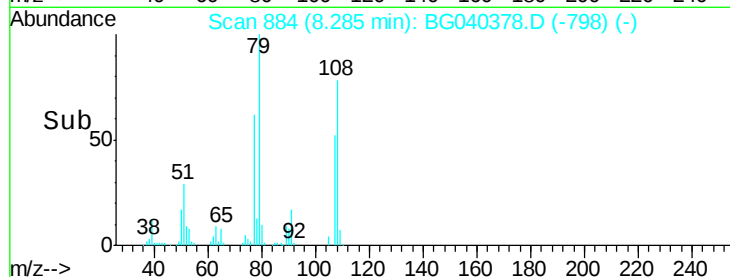
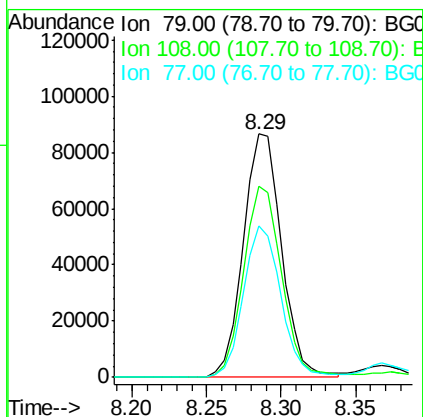
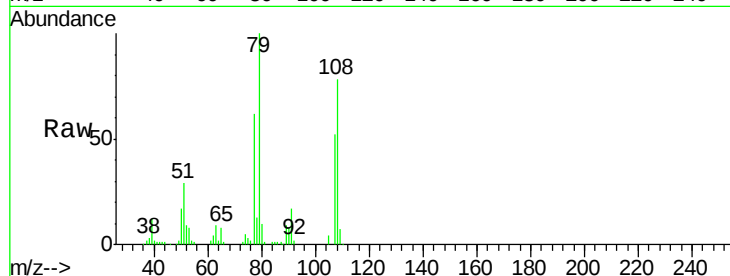
Tot Ion: 79 Resp: 153448

Ion Ratio Lower Upper

79 100

108 78.5 62.1 93.1

77 62.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.220 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

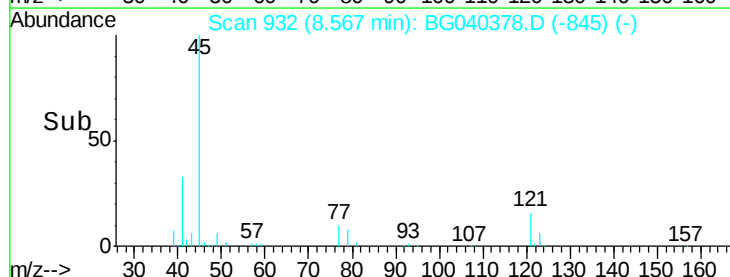
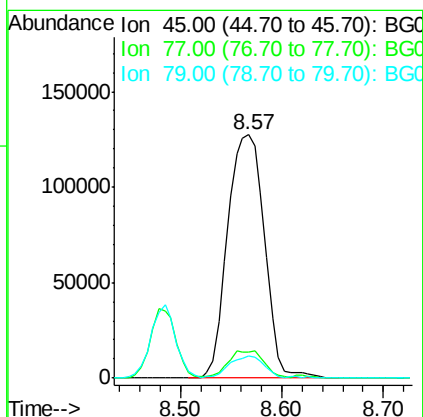
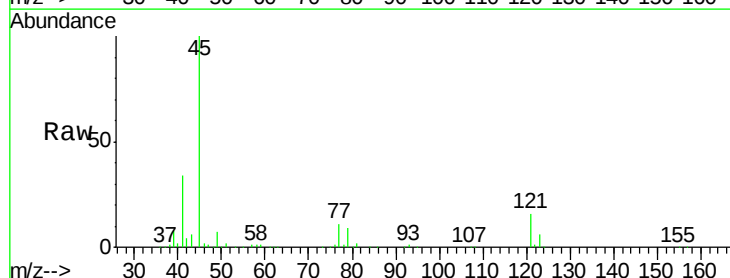
Tgt Ion: 45 Resp: 321096

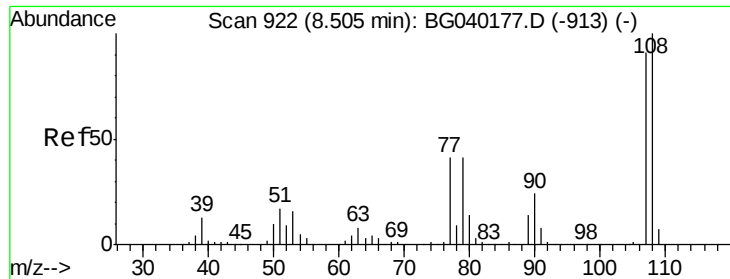
Ion Ratio Lower Upper

45 100

77 10.6 0.0 31.4

79 8.9 0.0 28.3

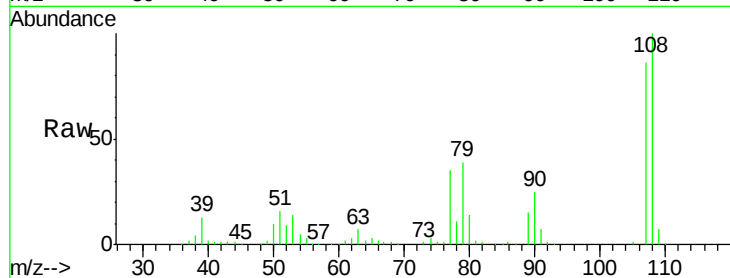




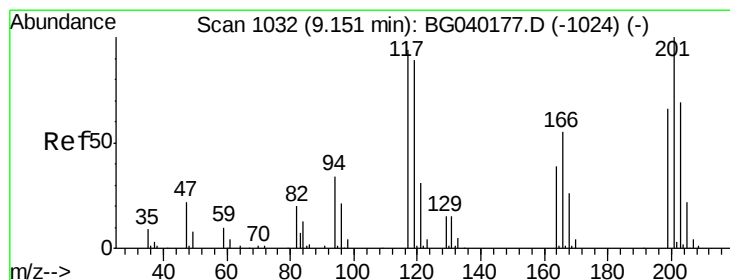
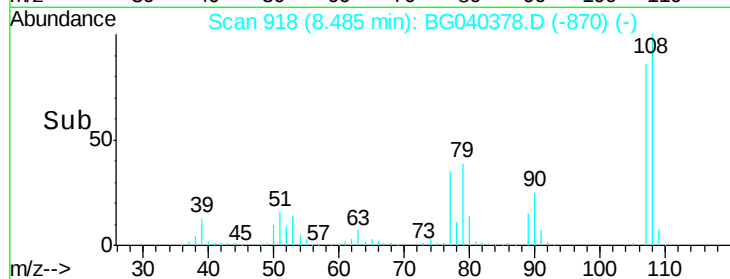
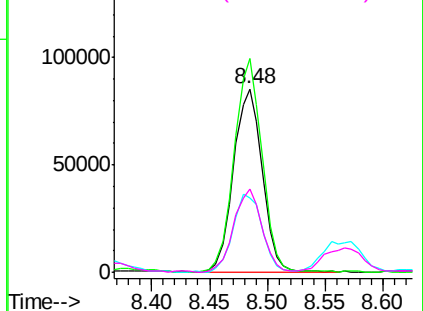
#17
2-Methylphenol
Concen: 37.545 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	145806
Ion	Ratio	Lower	Upper
107	100		
108	116.4	88.2	132.4
77	40.6	36.6	55.0
79	45.2	36.5	54.7

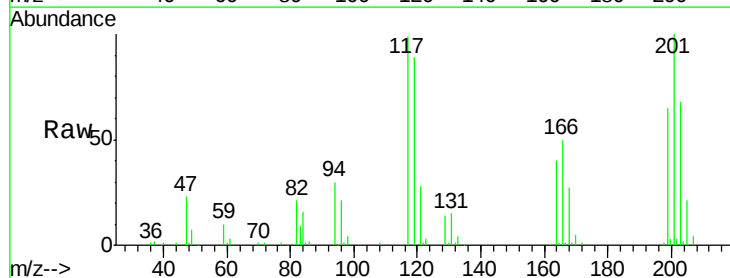


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

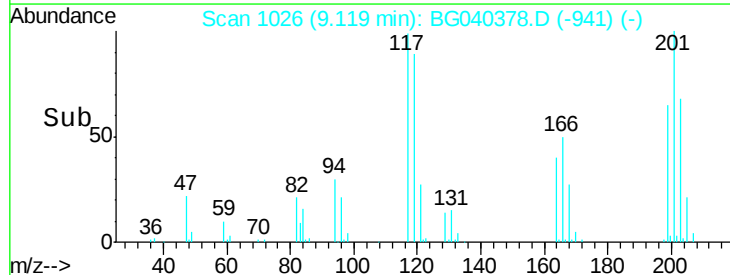
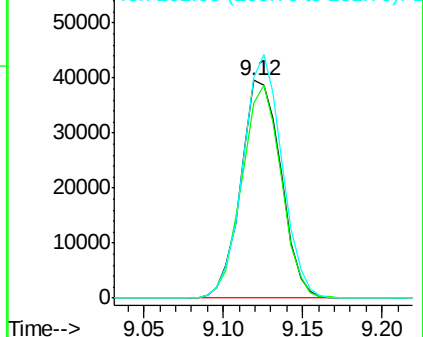


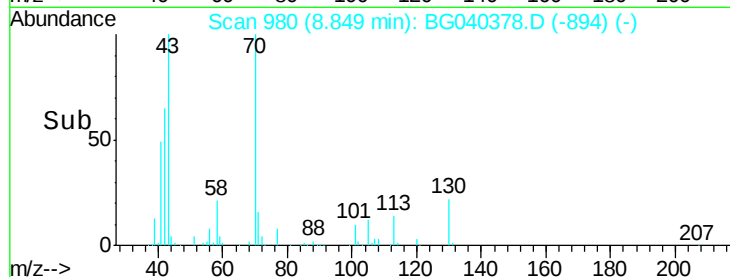
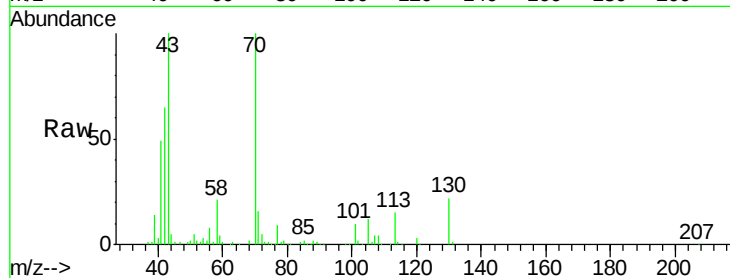
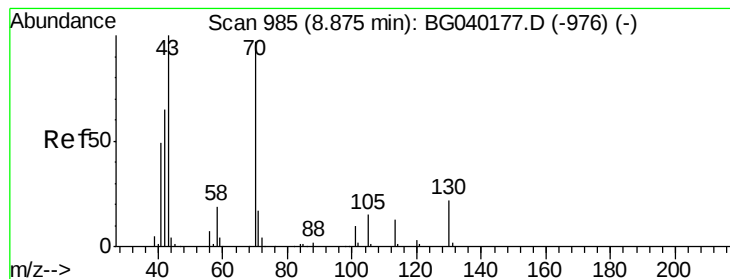
#18
Hexachloroethane
Concen: 38.599 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:	117	Resp:	69619
Ion	Ratio	Lower	Upper
117	100		
119	89.6	76.6	115.0
201	101.2	85.0	127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.155 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 134031

Ion Ratio Lower Upper

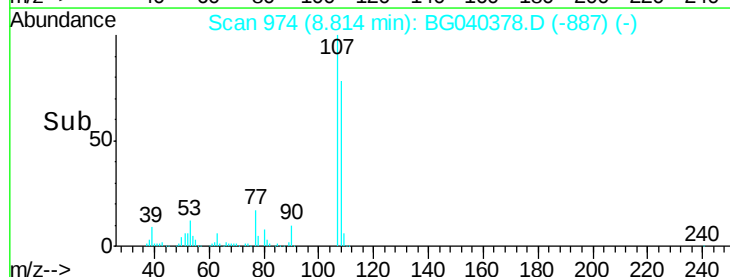
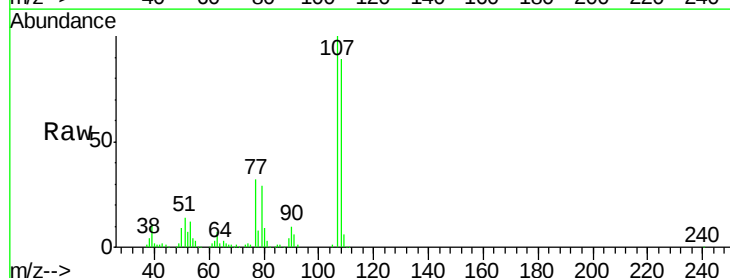
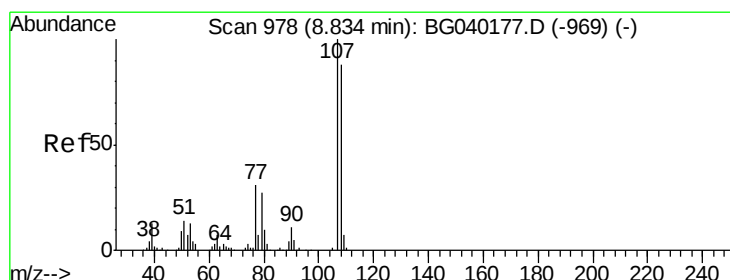
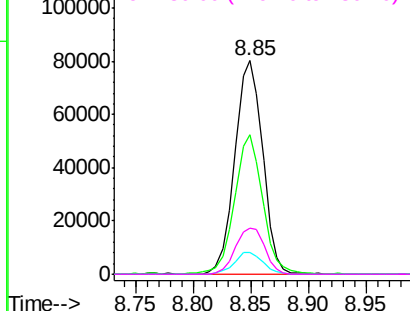
70 100

42 65.3 54.0 81.0

101 10.4 8.6 13.0

130 21.7 18.2 27.2

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.387 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Tgt Ion: 107 Resp: 201953

Ion Ratio Lower Upper

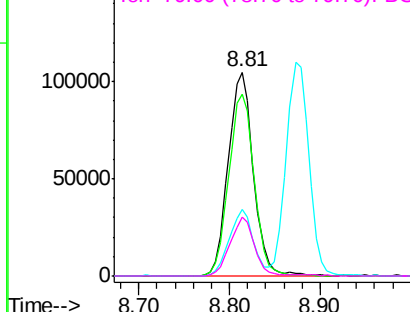
107 100

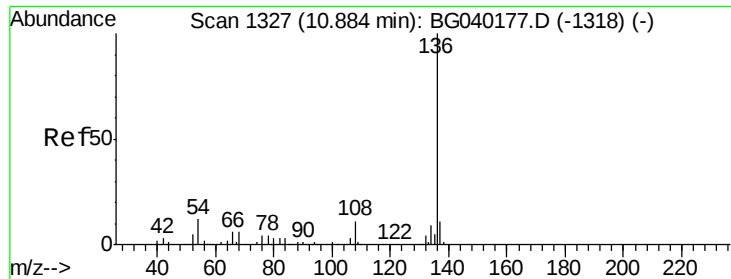
108 89.3 68.3 108.3

77 32.5 11.3 51.3

79 29.1 7.3 47.3

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 256429

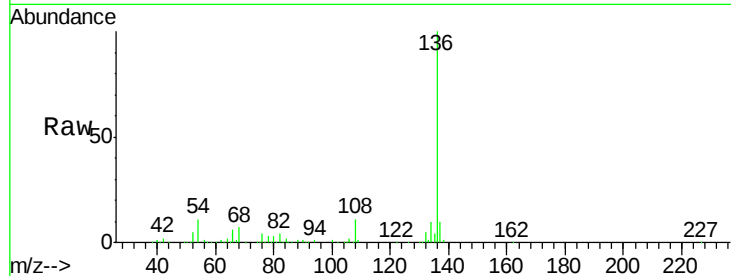
Ion Ratio Lower Upper

136 100

137 9.9 8.9 13.3

54 10.7 9.6 14.4

68 6.7 5.1 7.7

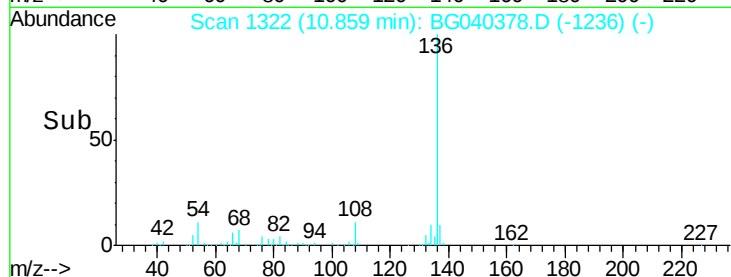


Abundance Ion 136.00 (135.70 to 136.70): E

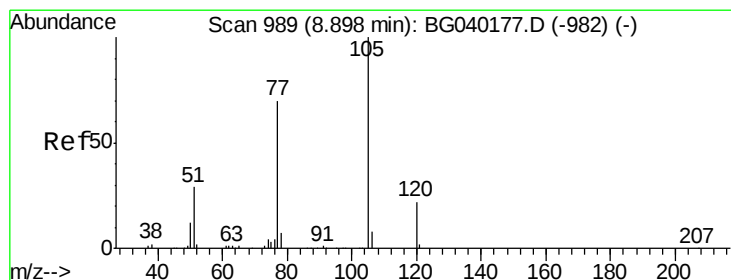
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 39.009 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Tgt Ion:105 Resp: 249525

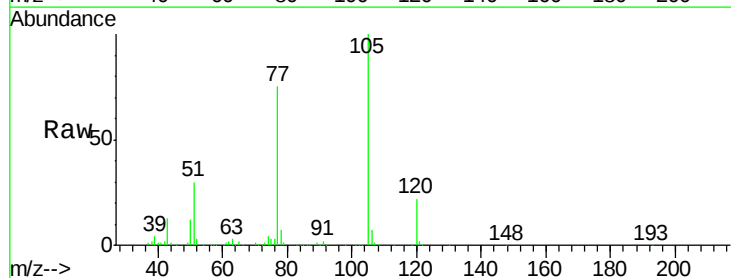
Ion Ratio Lower Upper

105 100

71 0.3 0.6 1.0#

51 29.5 25.1 37.7

120 22.5 17.6 26.4

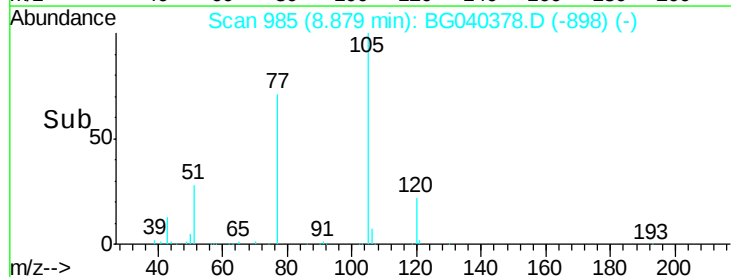


Abundance Ion 105.00 (104.70 to 105.70): E

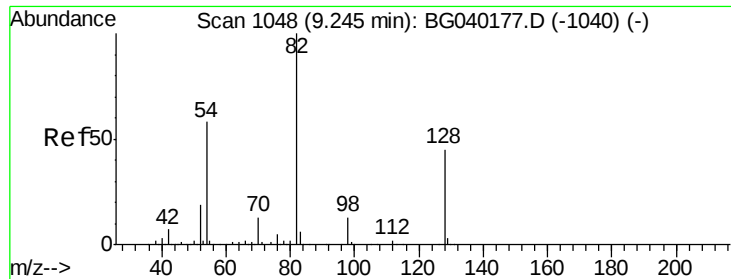
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



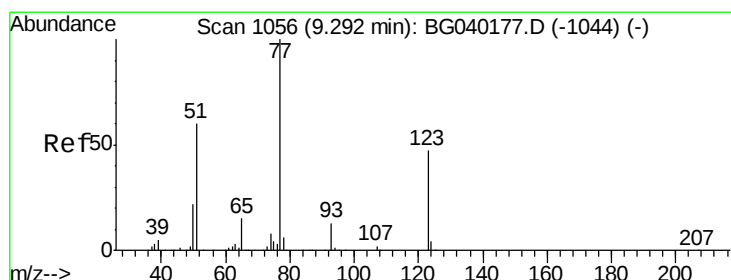
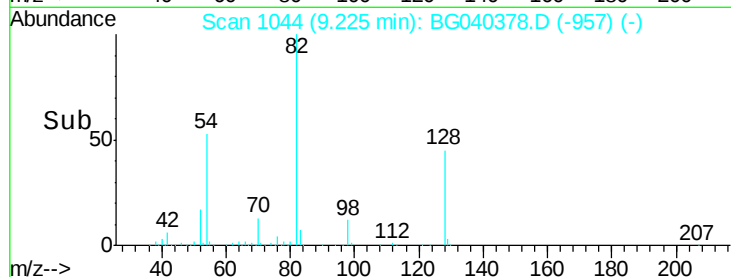
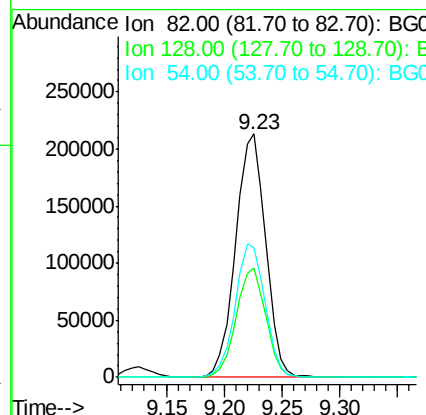
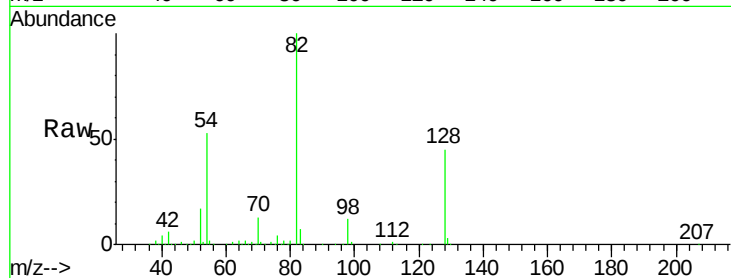
Time-->



#23
 Nitrobenzene-d5
 Concen: 79.737 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

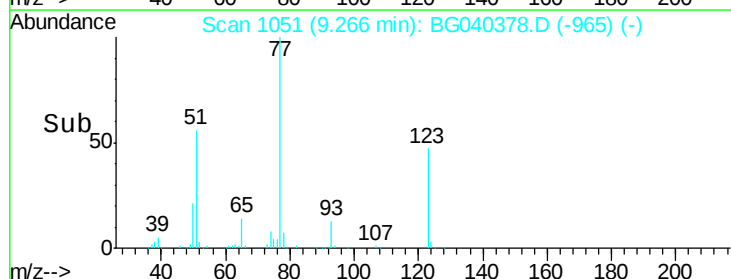
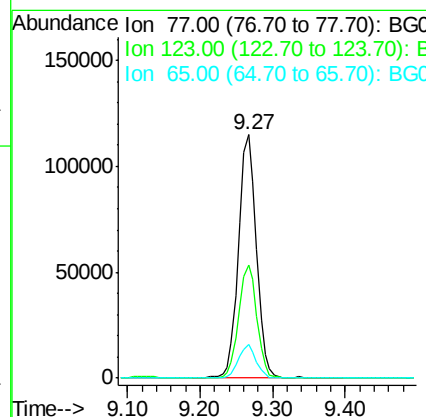
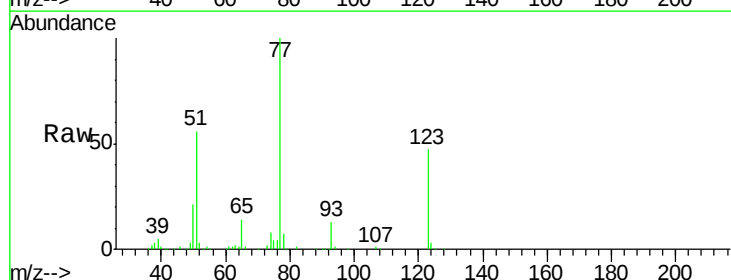
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

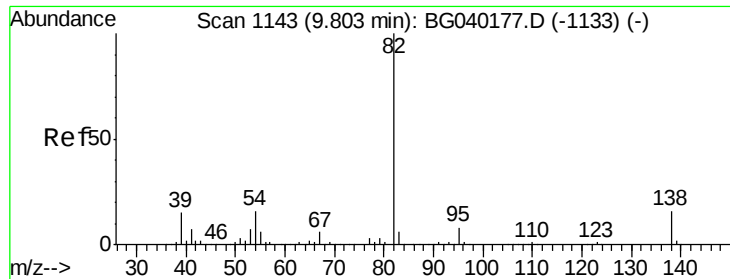
Tot Ion: 82 Resp: 384679
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.8 53.8
 54 53.5 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.732 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion: 77 Resp: 198492
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.8 56.6
 65 13.7 12.0 18.0





#25

Isophorone

Concen: 37.857 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

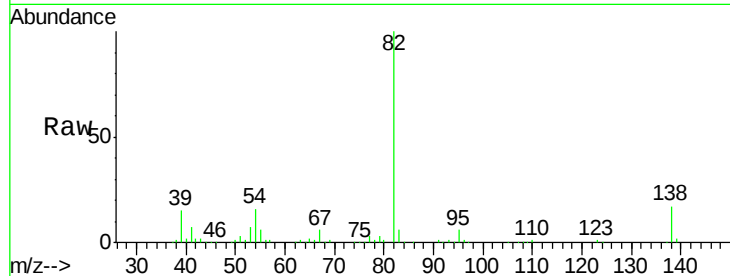
Tot Ion: 82 Resp: 375779

Ion Ratio Lower Upper

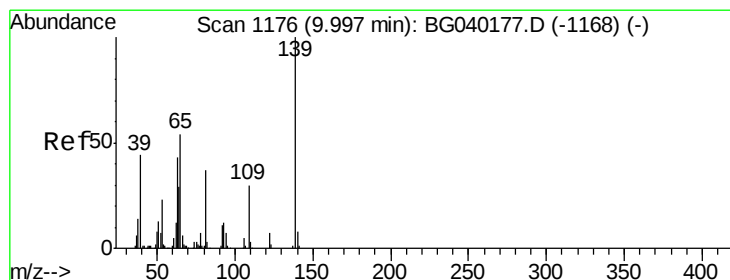
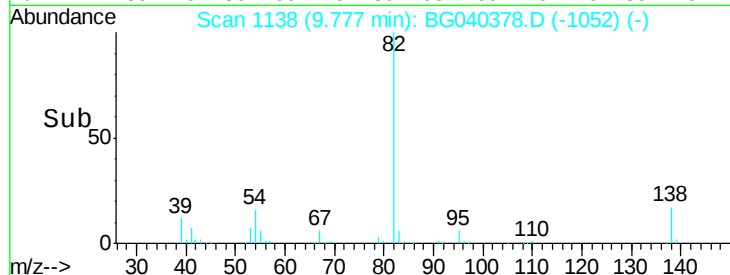
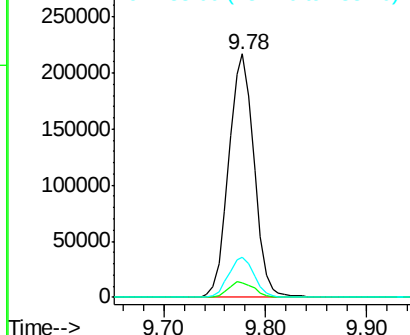
82 100

95 5.9 6.1 9.1#

138 16.7 13.2 19.8



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



#26

2-Nitrophenol

Concen: 41.556 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

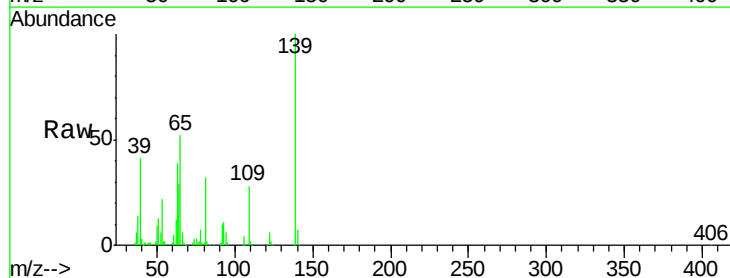
Tgt Ion: 139 Resp: 98370

Ion Ratio Lower Upper

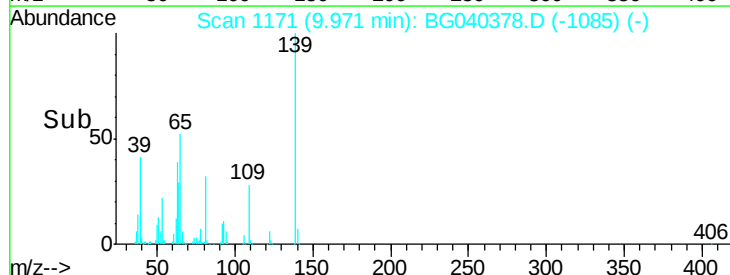
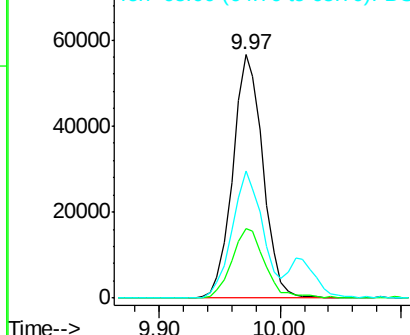
139 100

109 28.5 24.1 36.1

65 52.1 43.0 64.6



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

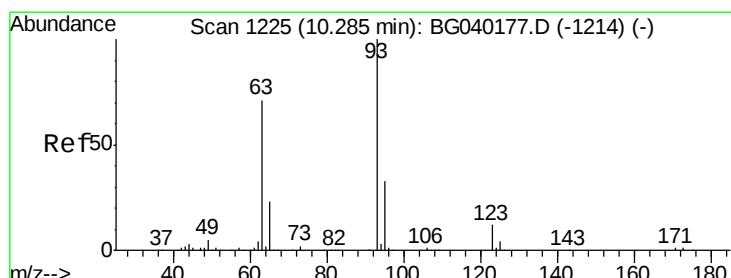
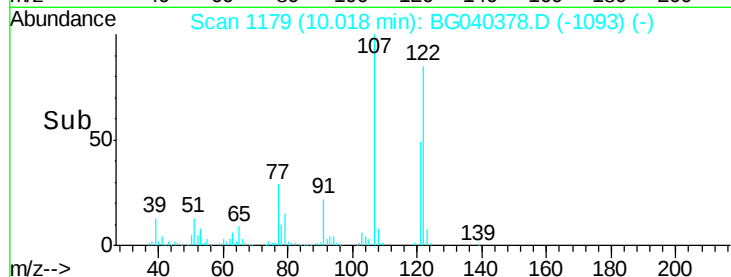
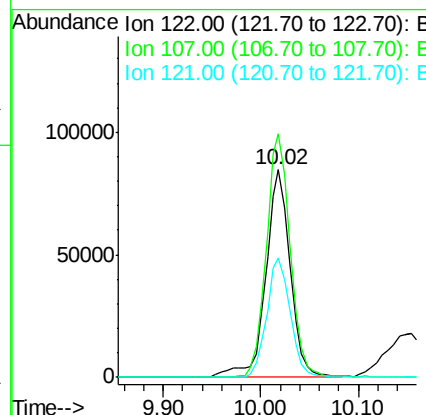
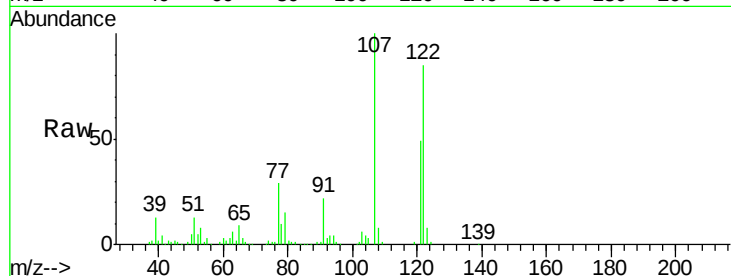




#27
 2,4-Dimethylphenol
 Concen: 39.924 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

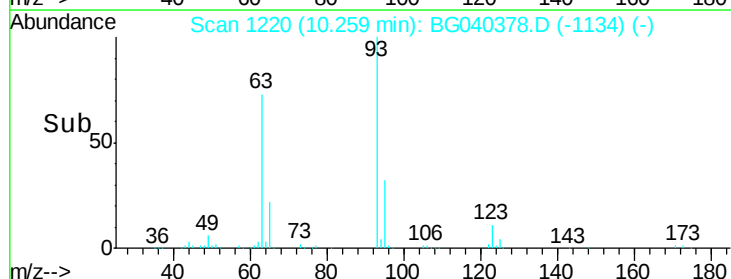
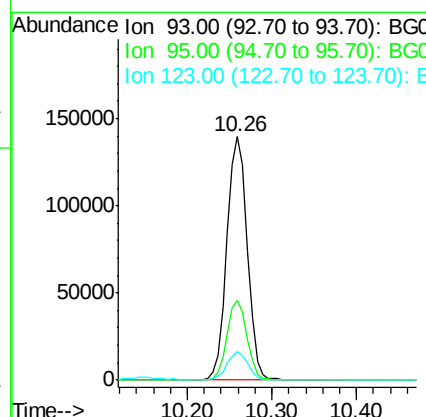
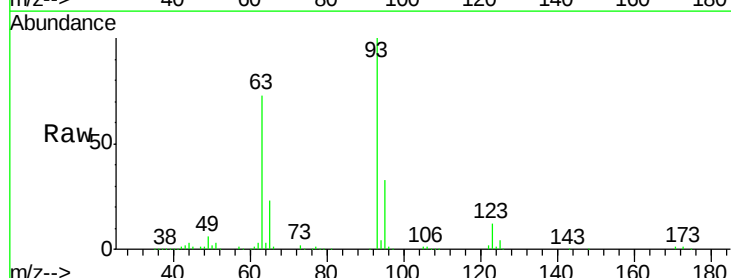
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

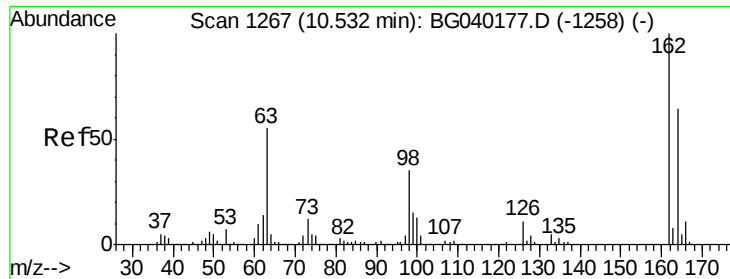
Tot Ion:122 Resp: 150116
 Ion Ratio Lower Upper
 122 100
 107 117.5 97.4 146.2
 121 57.4 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.567 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion: 93 Resp: 232368
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 11.7 9.4 14.0

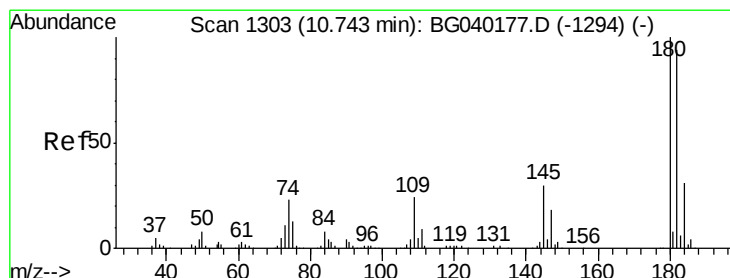
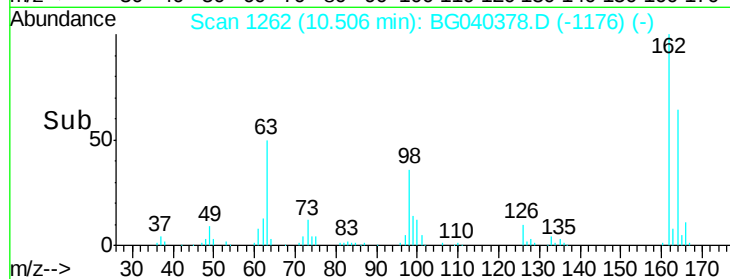
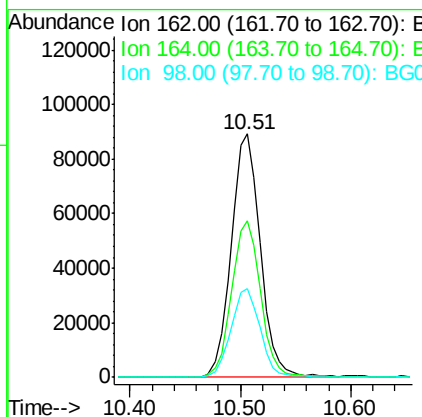
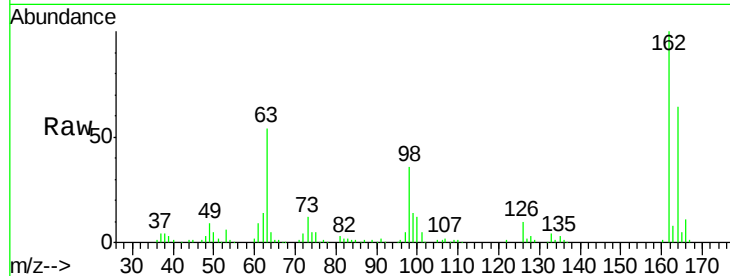




#29
 2,4-Dichlorophenol
 Concen: 40.444 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

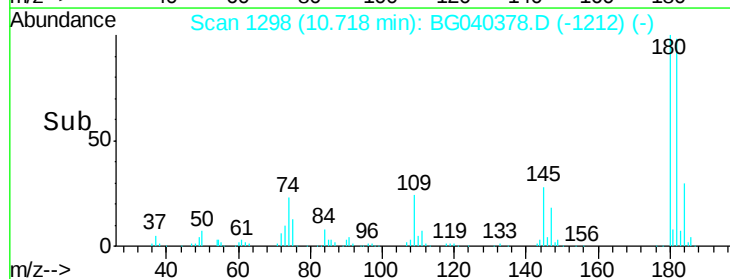
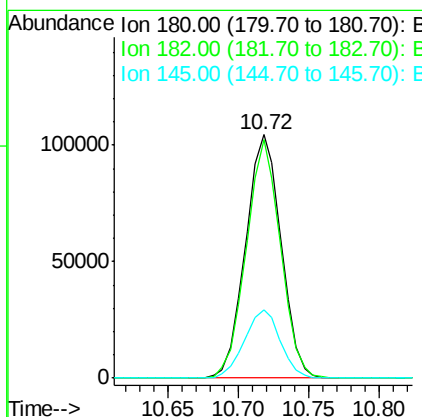
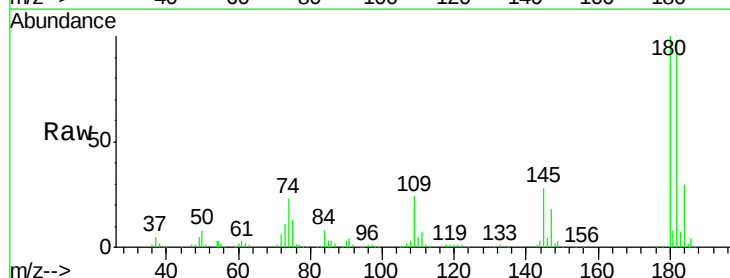
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.9	83.9
98	36.3	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.074 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.1	112.7
145	28.1	24.1	36.1





#31

Naphthalene

Concen: 40.841 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

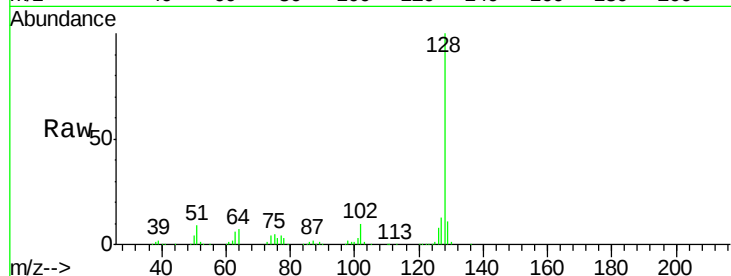
Tot Ion:128 Resp: 536807

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

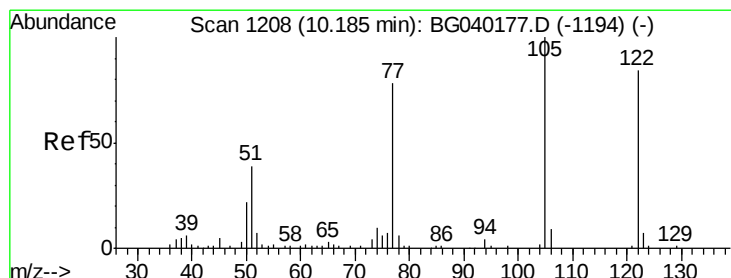
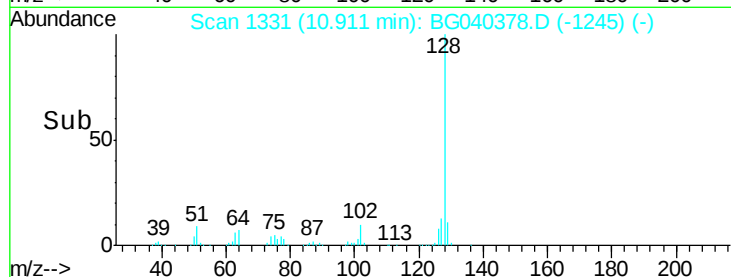
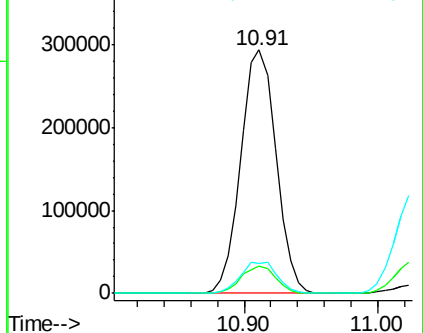
127 12.5 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.880 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

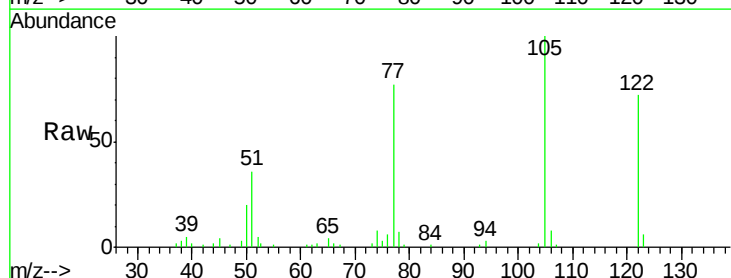
Tgt Ion:122 Resp: 67882

Ion Ratio Lower Upper

122 100

105 139.7 98.2 138.2#

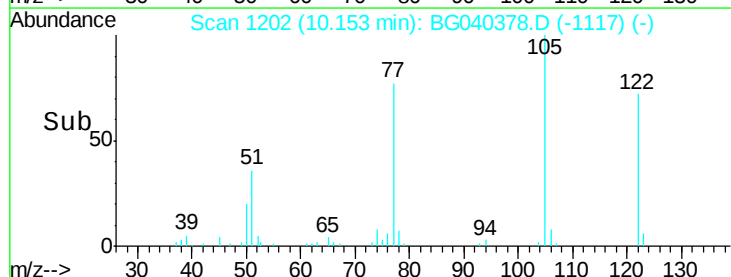
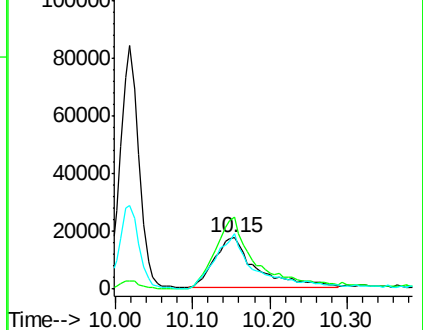
77 108.1 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

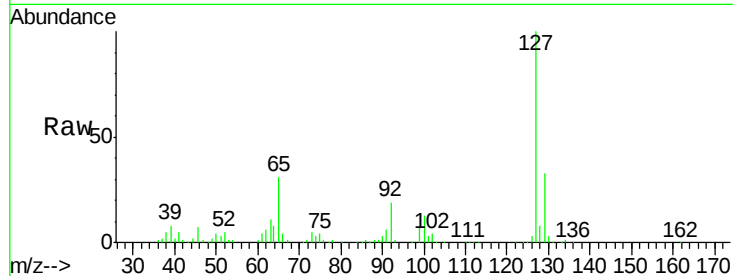




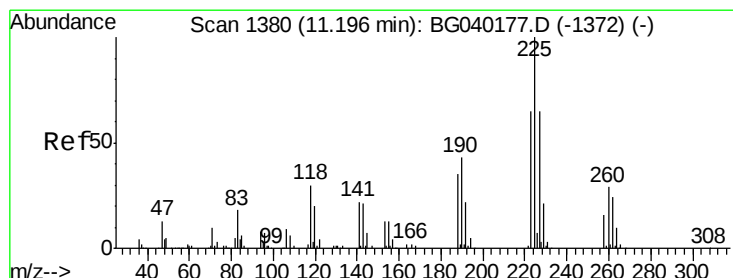
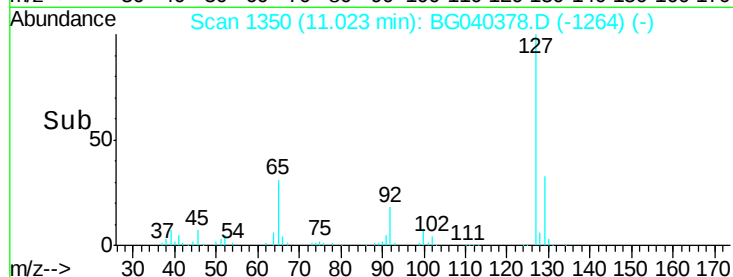
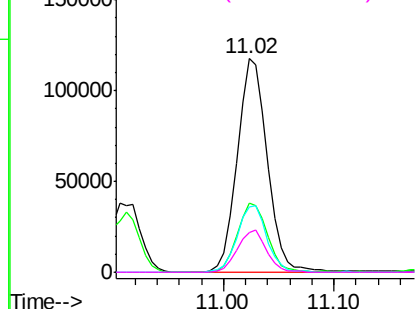
#33
4-Chloroaniline
Concen: 40.124 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	224958
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	30.8	27.0	40.4
92	18.6	16.6	25.0

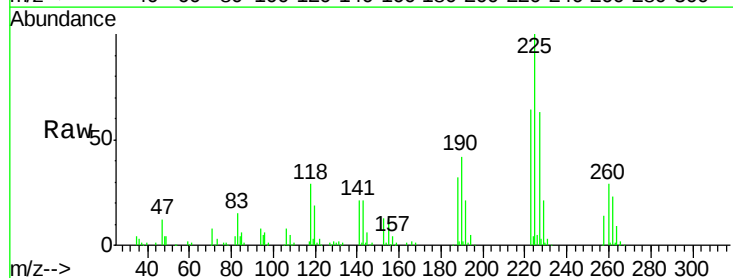


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

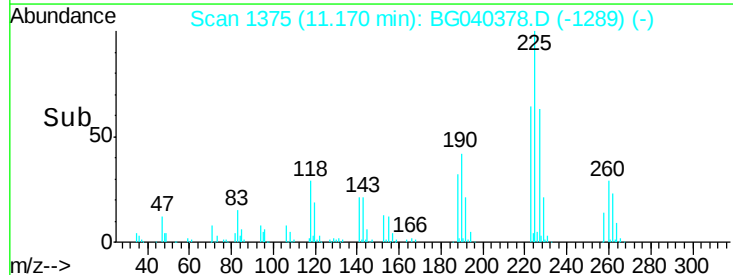
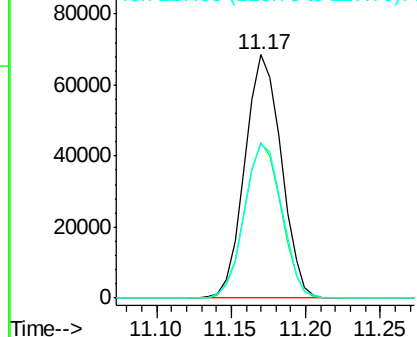


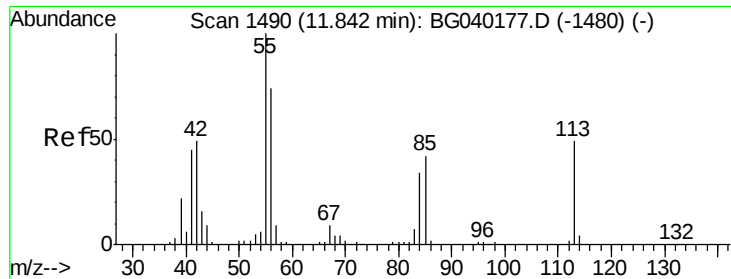
#34
Hexachlorobutadiene
Concen: 40.402 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:	225	Resp:	115796
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.8	77.8
227	63.5	54.9	82.3



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





#35

Caprolactam

Concen: 38.326 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

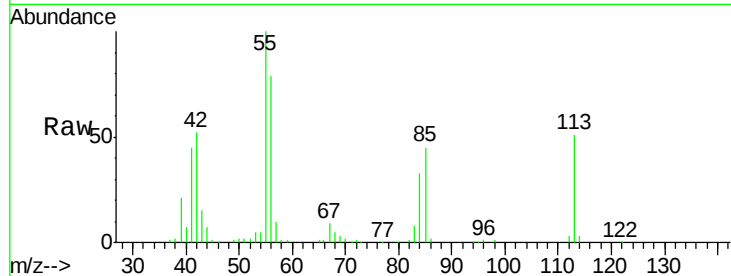
Tot Ion:113 Resp: 62075

Ion Ratio Lower Upper

113 100

55 195.7 184.2 224.2

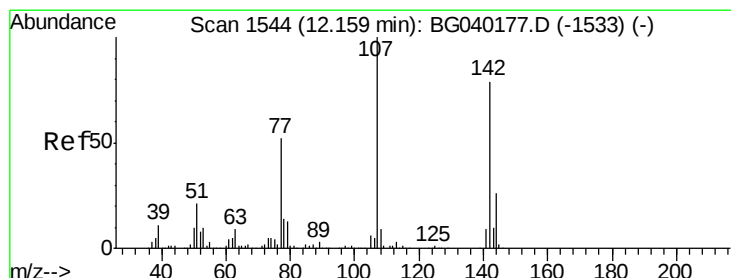
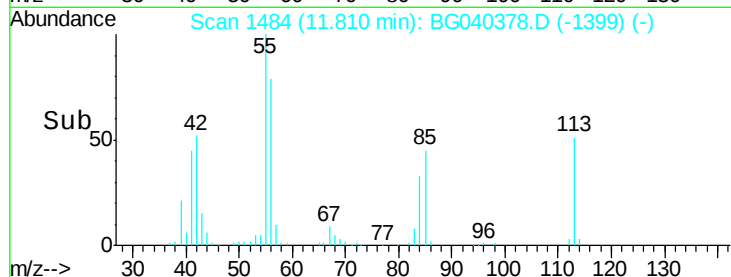
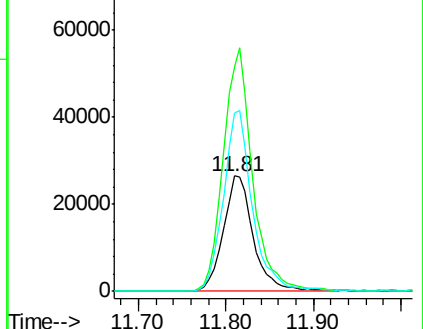
56 154.6 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.582 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

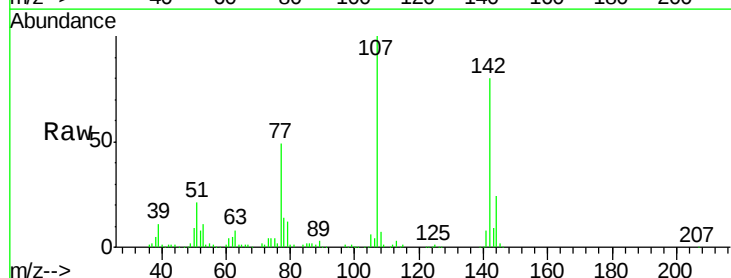
Tgt Ion:107 Resp: 190411

Ion Ratio Lower Upper

107 100

144 23.8 20.5 30.7

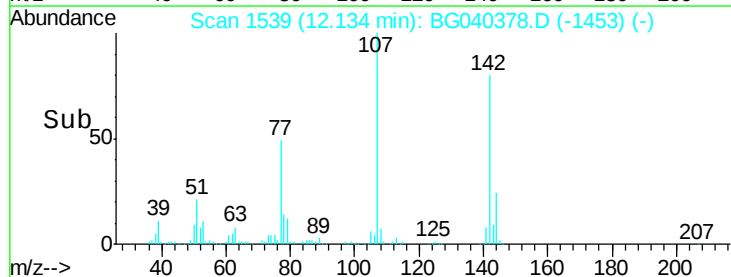
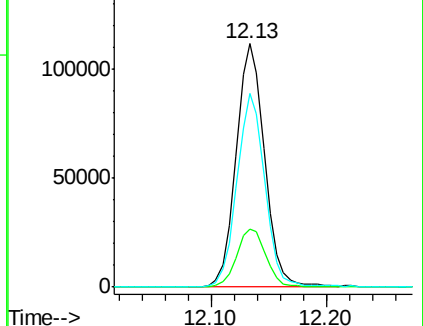
142 79.7 63.1 94.7

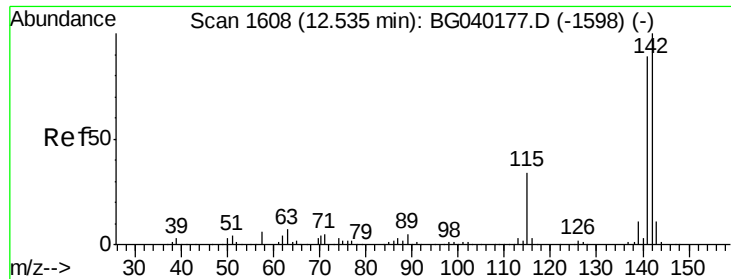


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

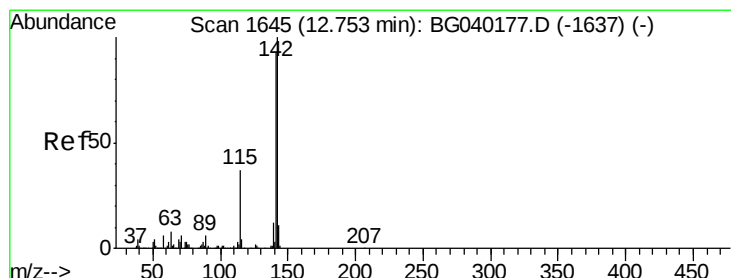
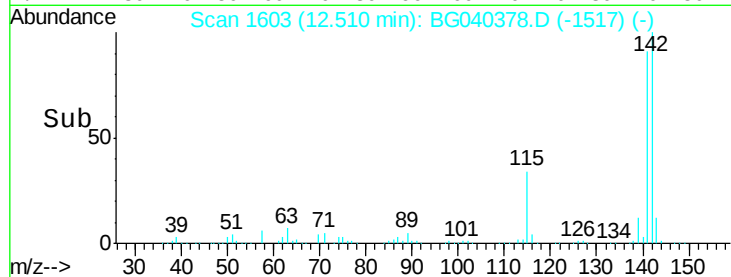
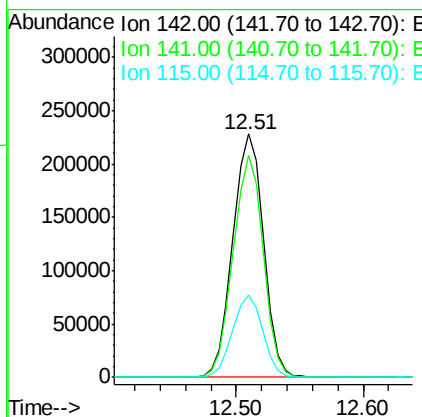
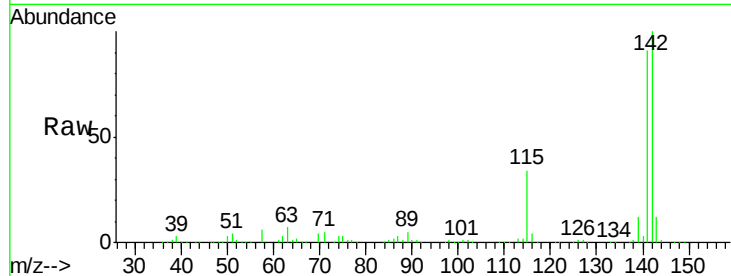




#37
2-Methylnaphthalene
Concen: 39.284 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

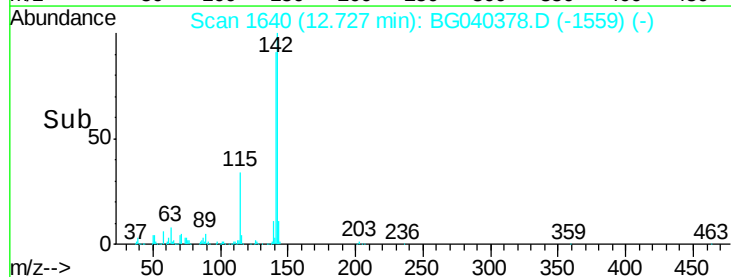
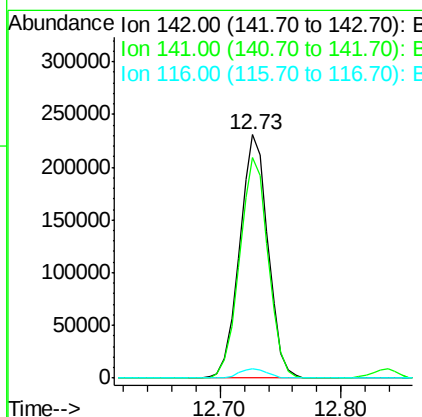
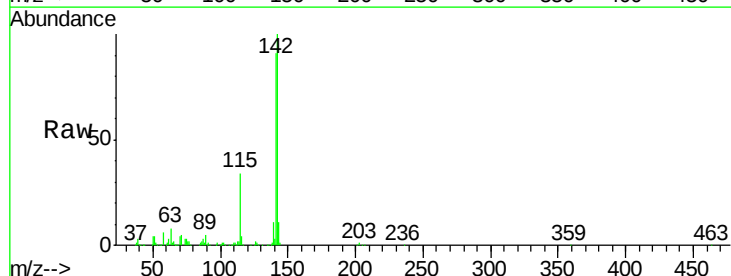
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 381877
Ion Ratio Lower Upper
142 100
141 91.4 71.0 106.6
115 33.9 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.007 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:142 Resp: 377120
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.4
116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

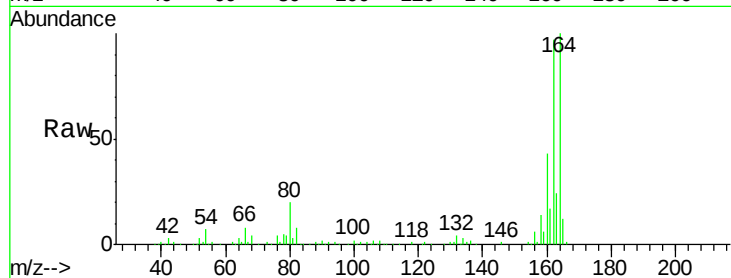
Tot Ion:164 Resp: 159369

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

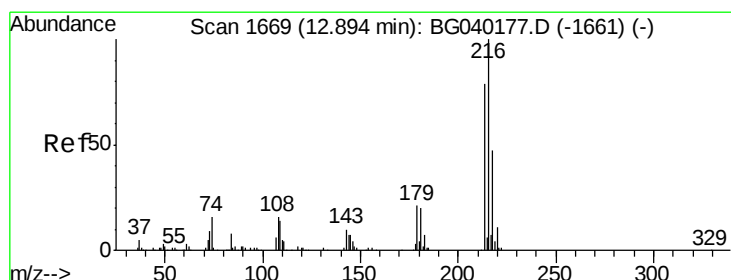
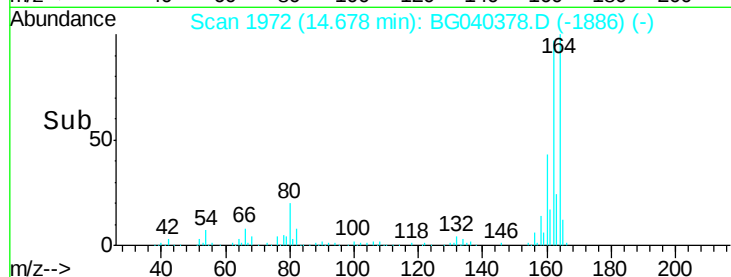
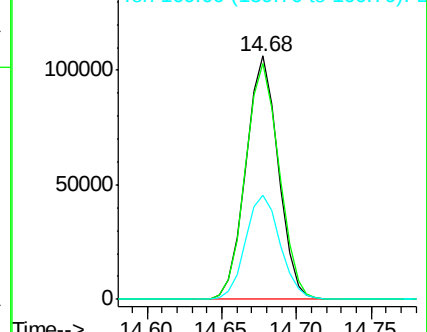
160 42.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.998 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Tgt Ion:216 Resp: 202602

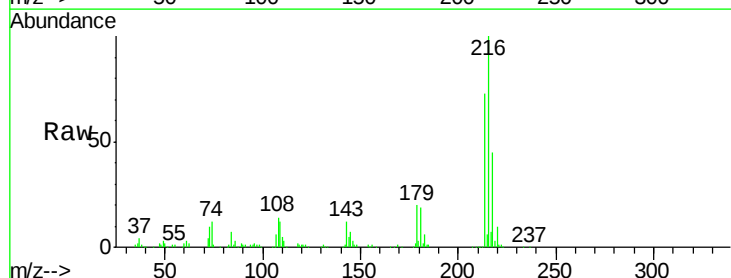
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 20.4 16.6 25.0

108 16.7 13.8 20.8

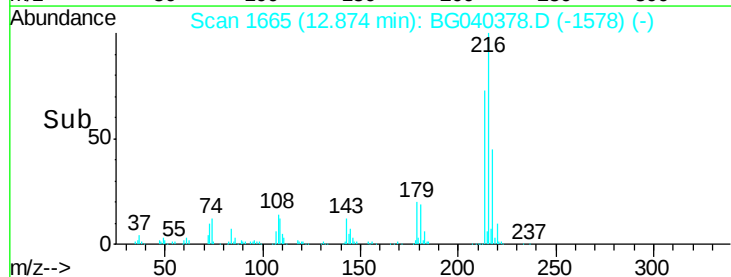
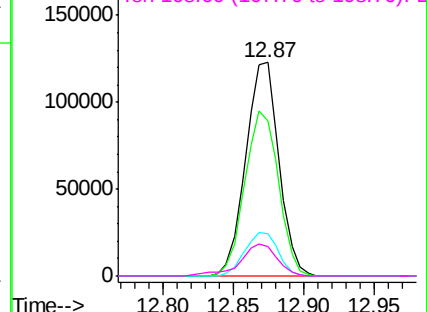


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.729 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

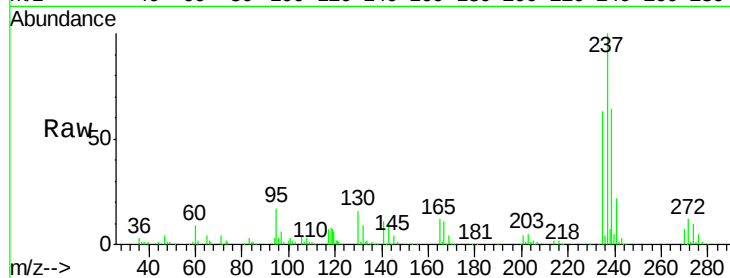
Tot Ion:237 Resp: 118838

Ion Ratio Lower Upper

237 100

235 62.8 46.2 86.2

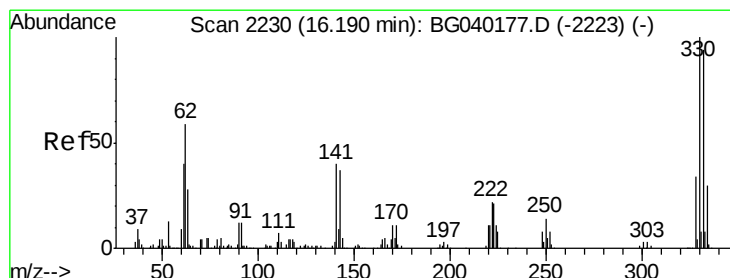
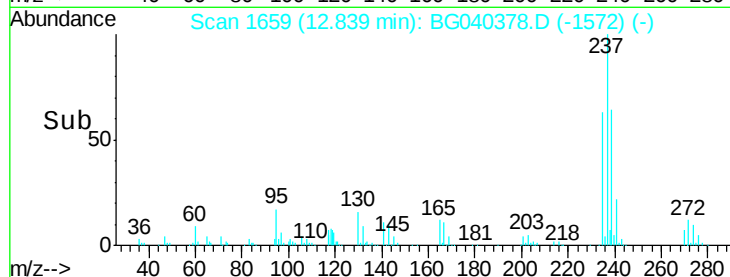
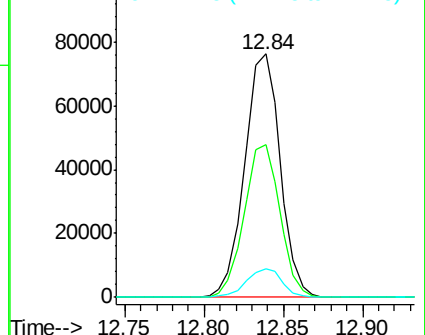
272 11.7 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.831 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

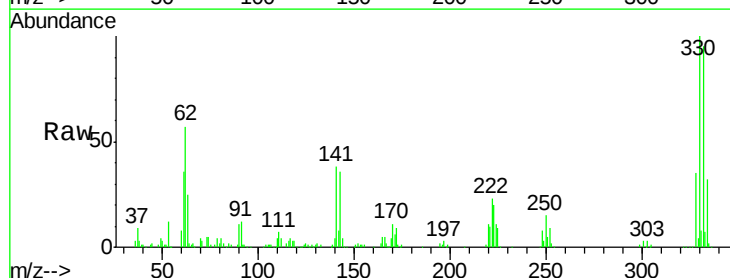
Tgt Ion:330 Resp: 153000

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

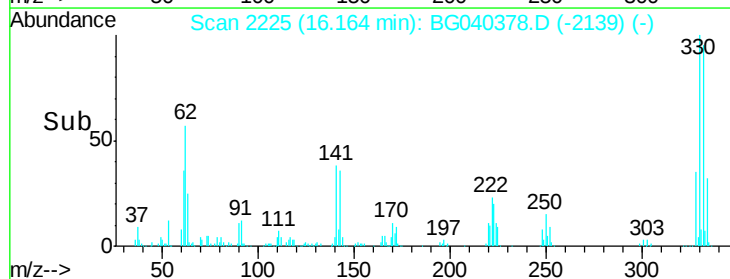
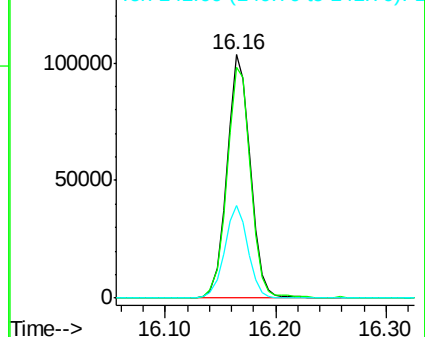
141 38.0 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

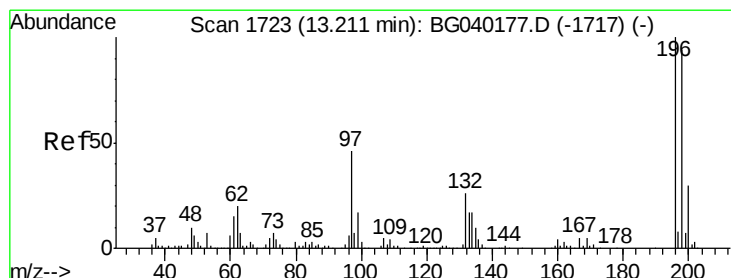
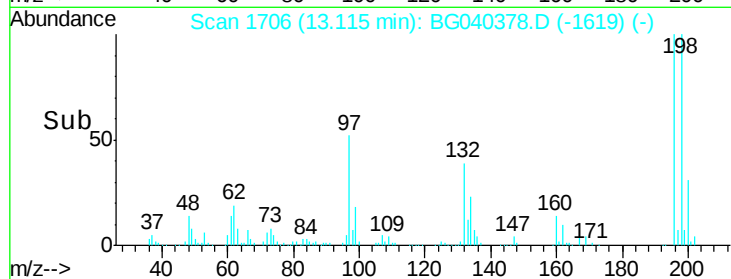
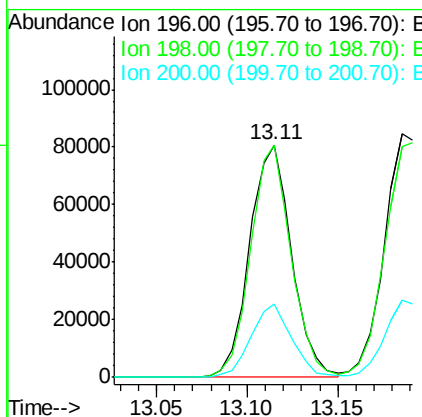
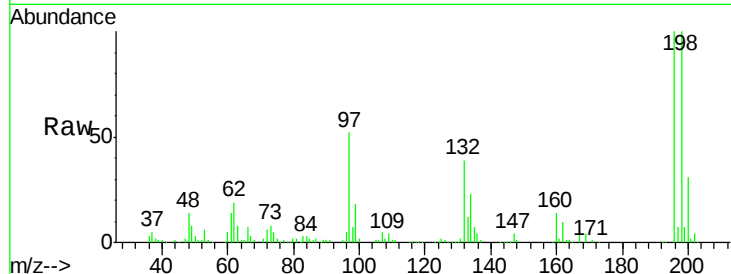




#43
 2,4,6-Trichlorophenol
 Concen: 39.886 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

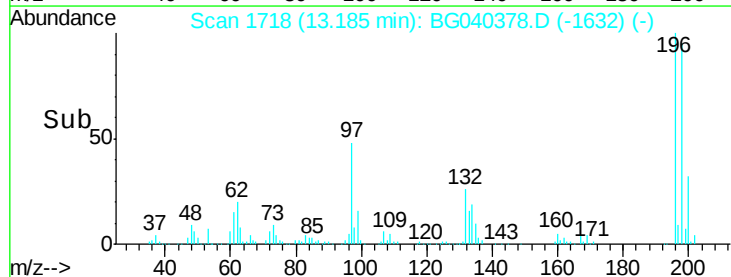
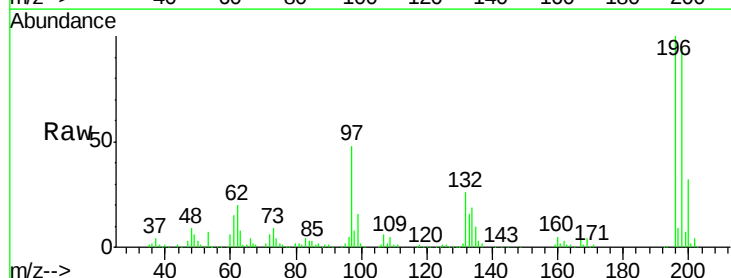
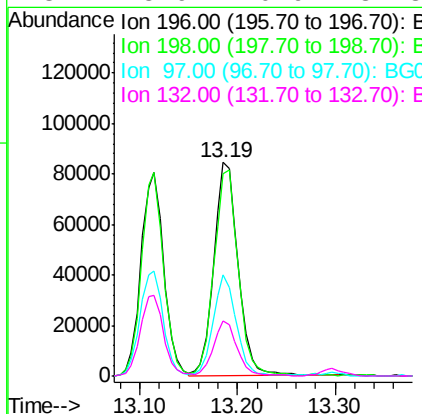
Instrument :
 BNA_G
 ClientSampled :
 SSTDCCC040

Tot Ion:196 Resp: 130258
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.3 117.5
 200 31.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.930 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion:196 Resp: 145696
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.0 112.6
 97 47.6 37.3 55.9
 132 25.9 20.9 31.3

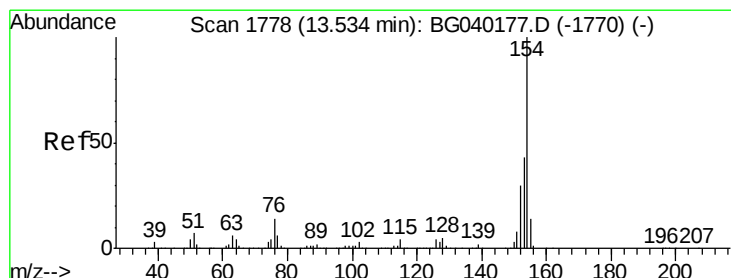
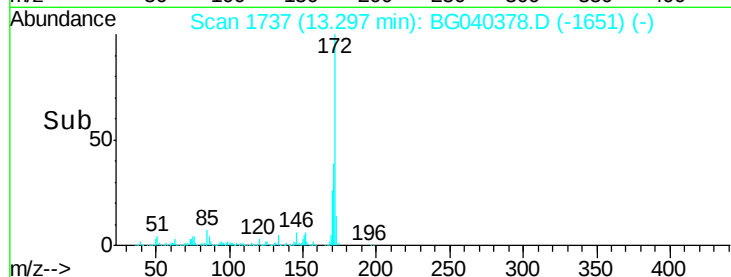
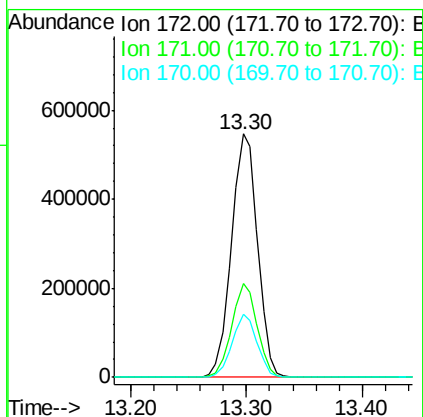
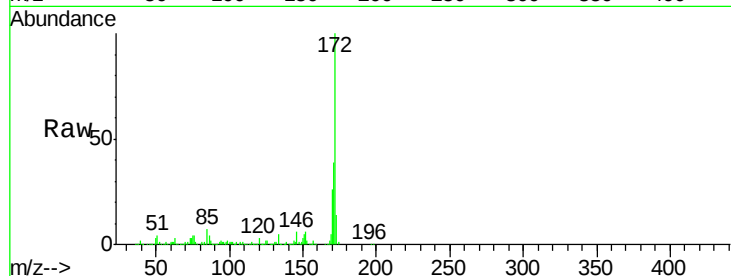




#45
2-Fluorobiphenyl
Concen: 79.282 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

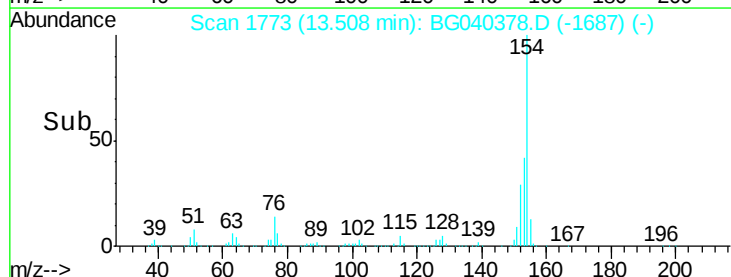
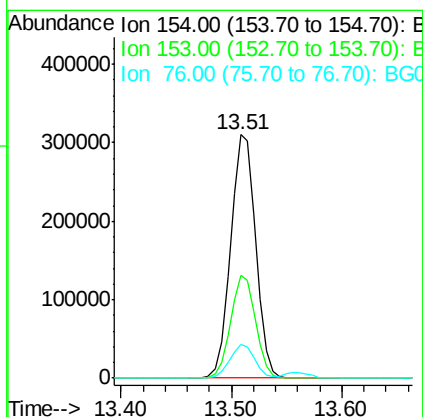
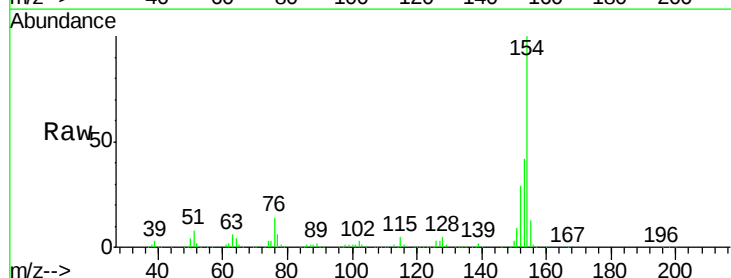
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 852711
Ion Ratio Lower Upper
172 100
171 38.7 30.5 45.7
170 25.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 39.113 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:154 Resp: 492523
Ion Ratio Lower Upper
154 100
153 42.3 22.5 62.5
76 13.8 0.0 33.7

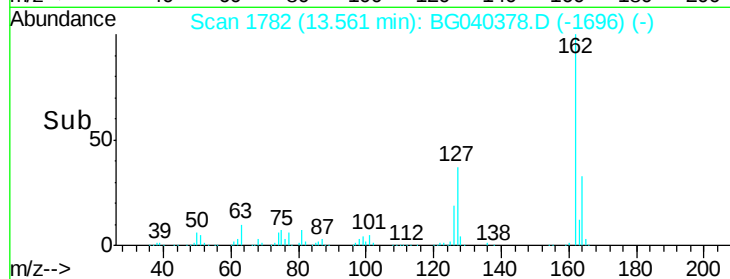
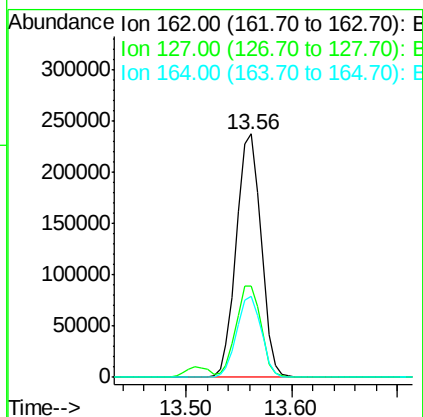
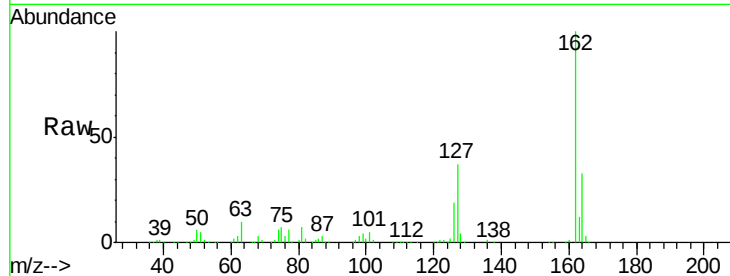




#47
2-Chloronaphthalene
Concen: 39.678 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

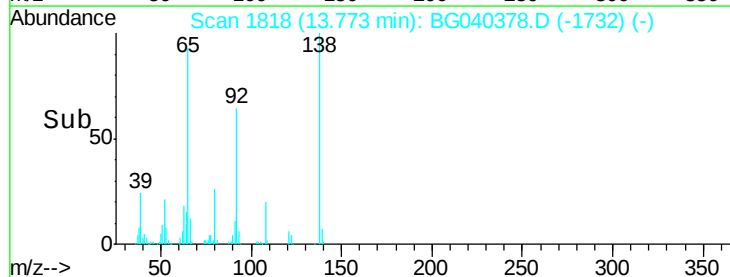
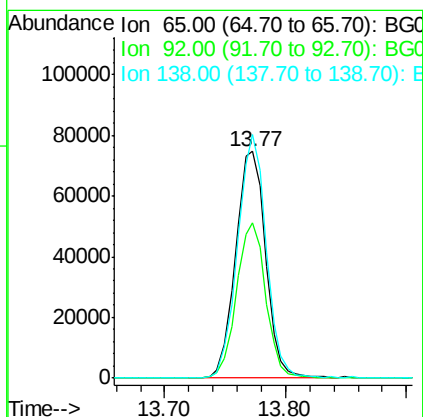
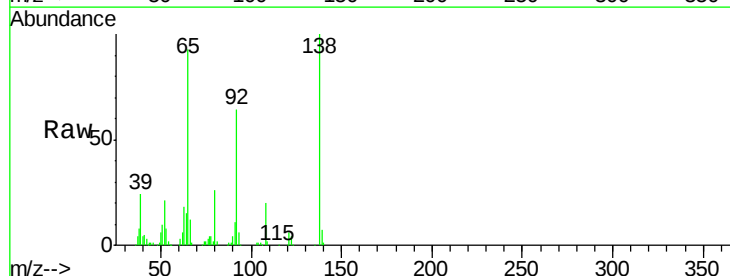
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

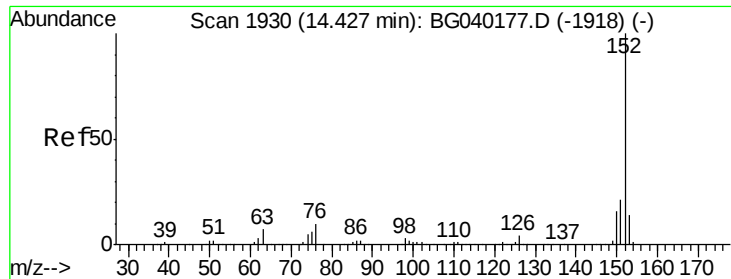
Tot Ion:162 Resp: 383248
Ion Ratio Lower Upper
162 100
127 37.3 30.6 45.8
164 33.3 26.2 39.4



#48
2-Nitroaniline
Concen: 39.867 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion: 65 Resp: 129891
Ion Ratio Lower Upper
65 100
92 68.3 53.8 80.6
138 107.5 86.3 129.5





#49

Acenaphthylene

Concen: 39.371 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

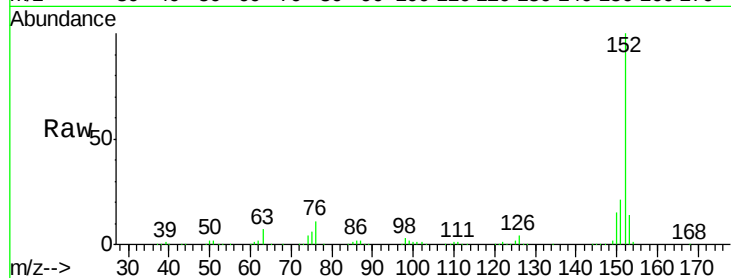
Tot Ion:152 Resp: 644764

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.6

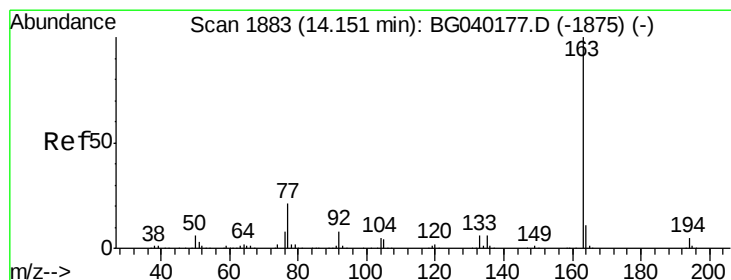
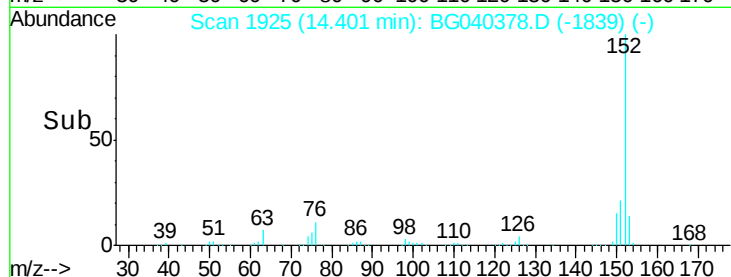
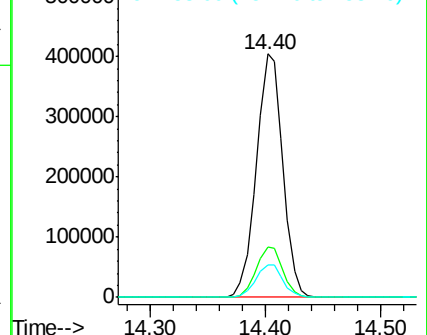
153 13.5 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.345 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

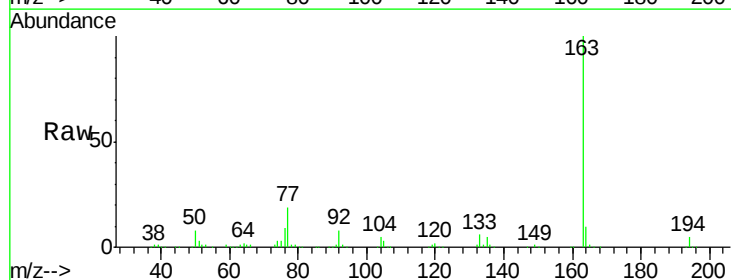
Tgt Ion:163 Resp: 490739

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

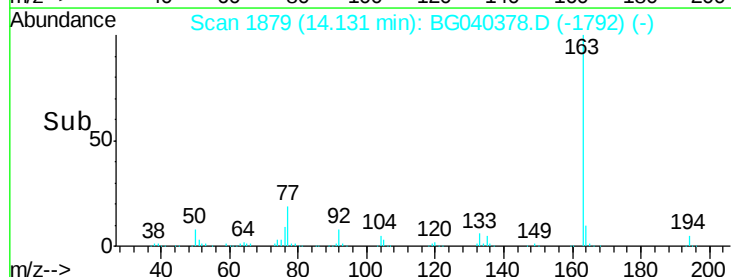
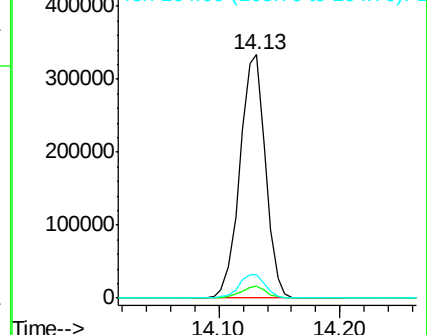
164 9.8 8.6 13.0

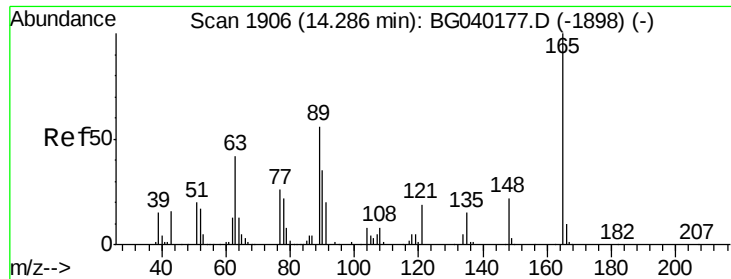


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

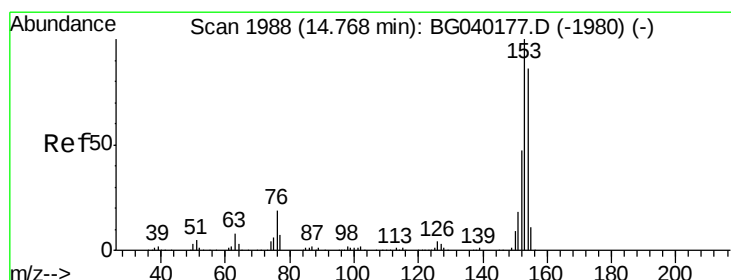
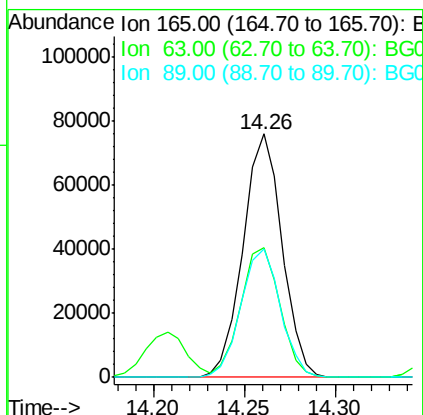
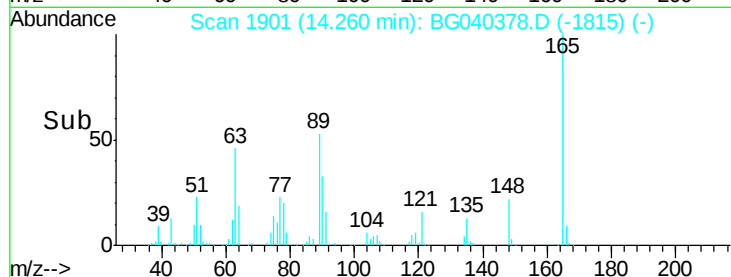
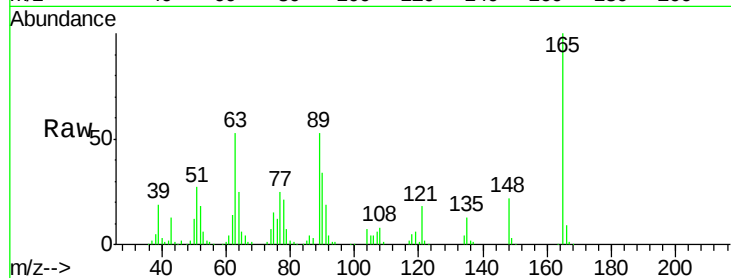




#51
 2,6-Dinitrotoluene
 Concen: 40.606 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

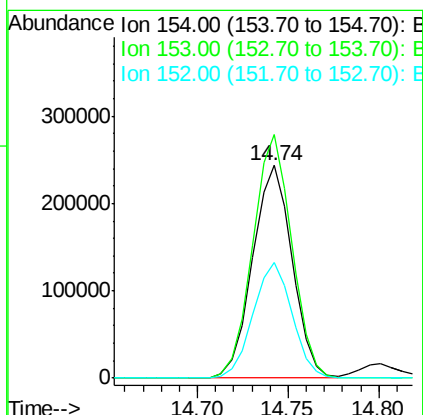
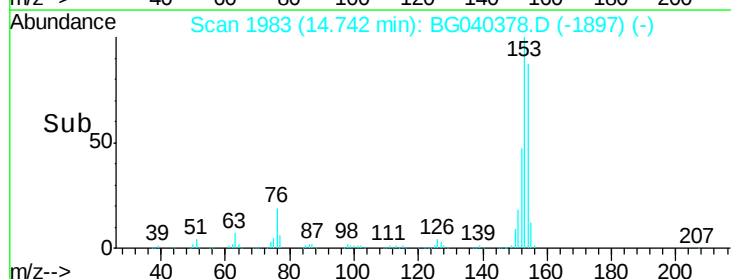
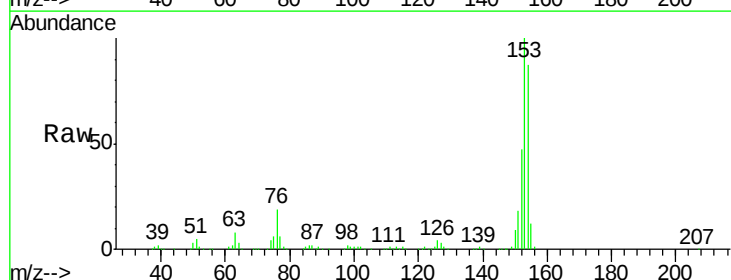
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 113721
 Ion Ratio Lower Upper
 165 100
 63 53.3 44.1 66.1
 89 52.9 44.9 67.3



#52
 Acenaphthene
 Concen: 39.402 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion:154 Resp: 369751
 Ion Ratio Lower Upper
 154 100
 153 114.5 92.8 139.2
 152 54.3 43.4 65.2

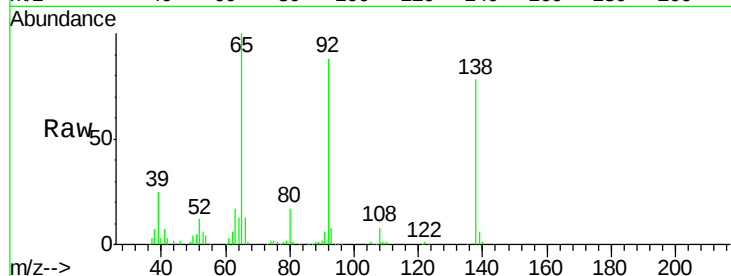




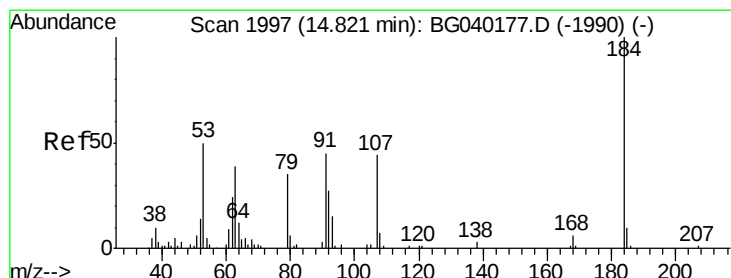
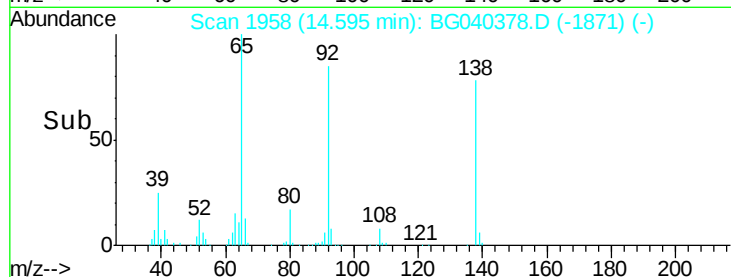
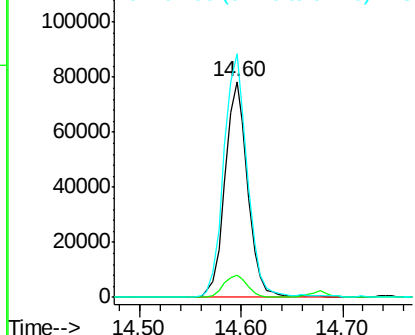
#53
3-Nitroaniline
Concen: 41.279 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 122371
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.8
92 112.7 87.5 131.3

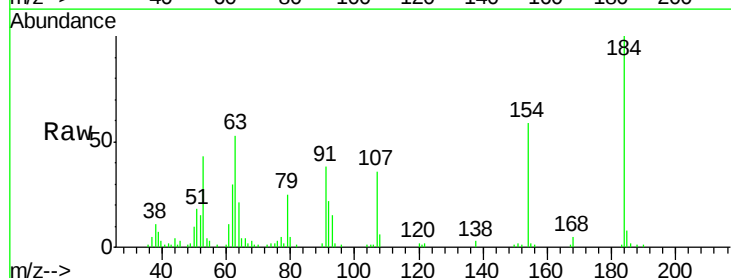


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

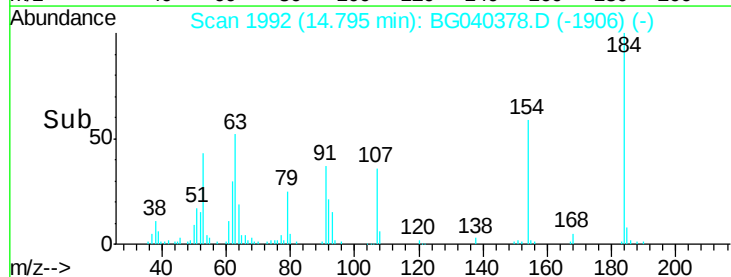
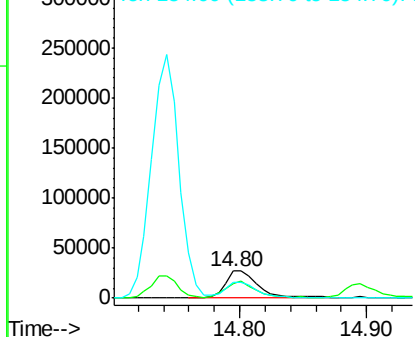


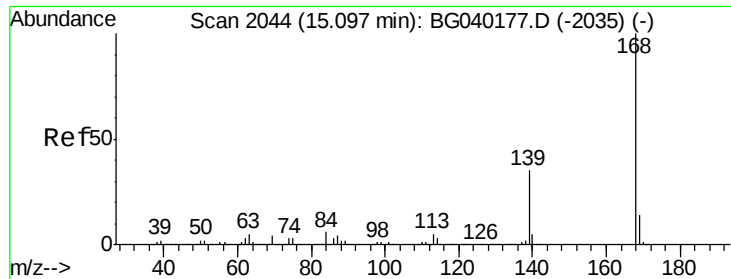
#54
2,4-Dinitrophenol
Concen: 33.246 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:184 Resp: 49518
Ion Ratio Lower Upper
184 100
63 53.5 51.8 77.8
154 58.8 50.9 76.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

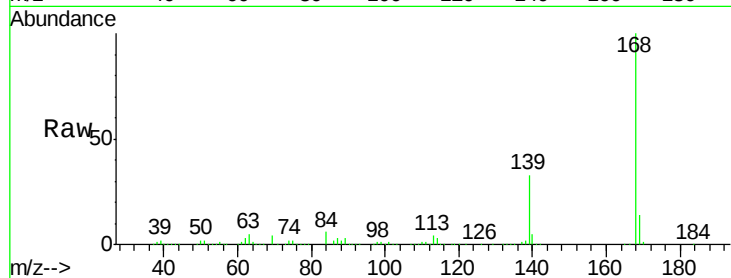




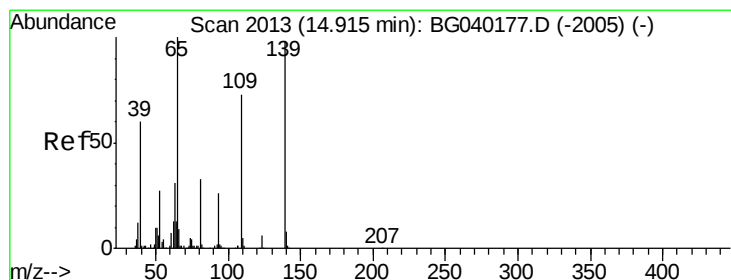
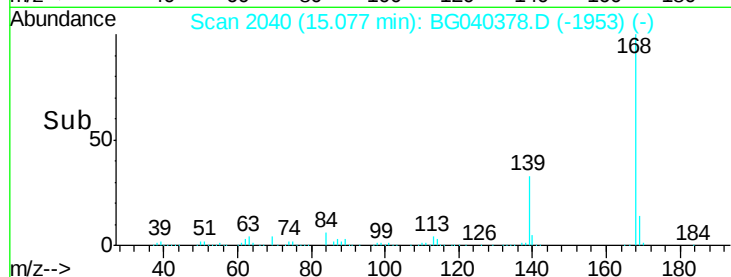
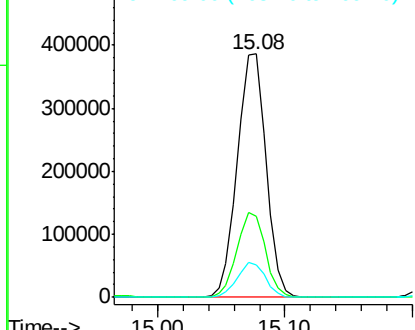
#55
Dibenzenofuran
Concen: 40.357 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 608532
Ion Ratio Lower Upper
168 100
139 33.5 27.9 41.9
169 13.5 11.3 16.9

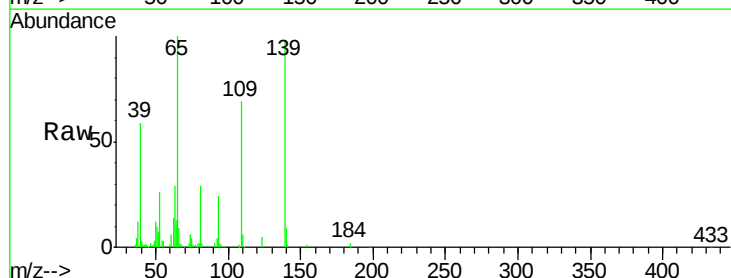


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

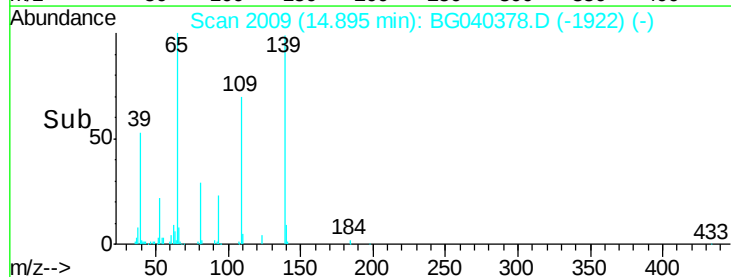
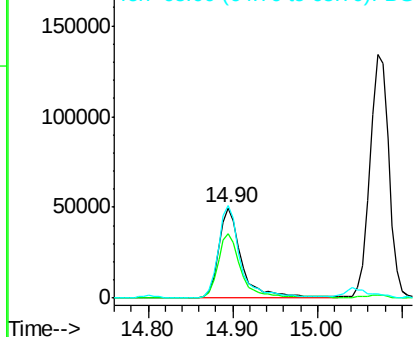


#56
4-Nitrophenol
Concen: 39.698 ng
RT: 14.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:139 Resp: 94983
Ion Ratio Lower Upper
139 100
109 70.6 54.3 94.3
65 102.1 82.5 122.5



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

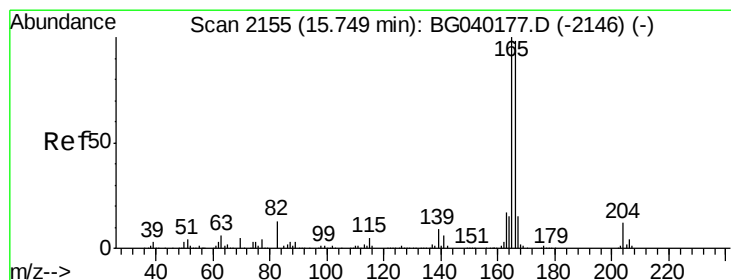
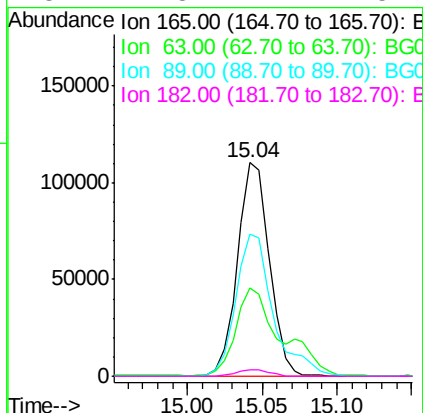
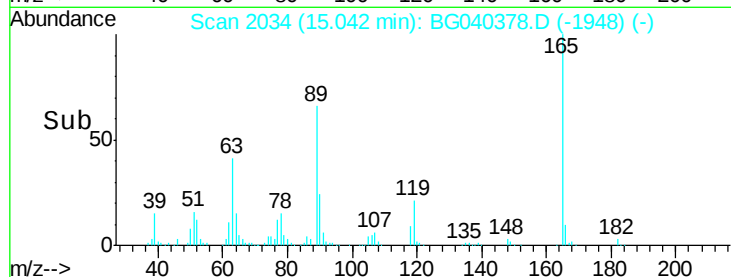
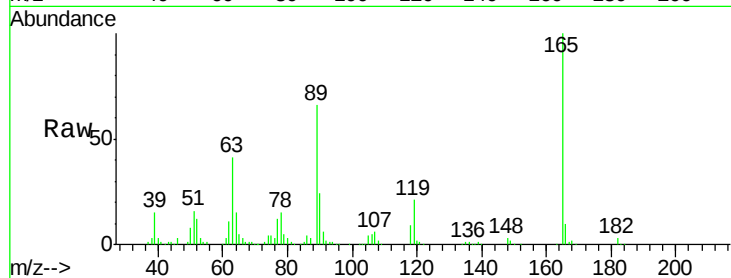




#57
2,4-Dinitrotoluene
Concen: 42.031 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

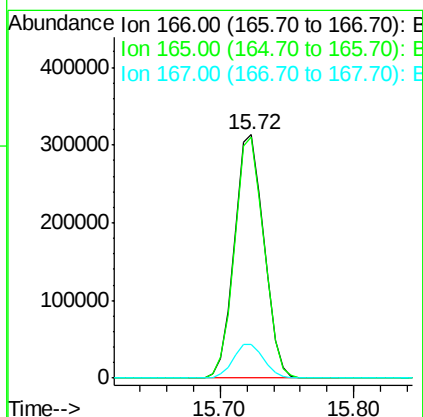
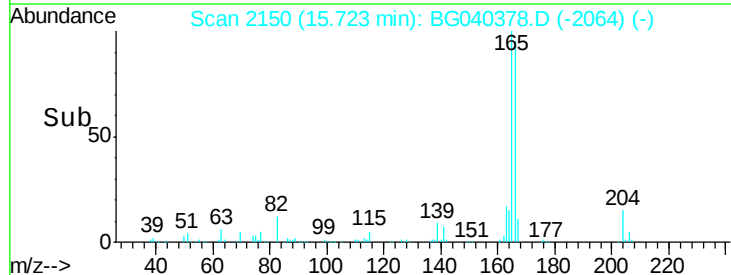
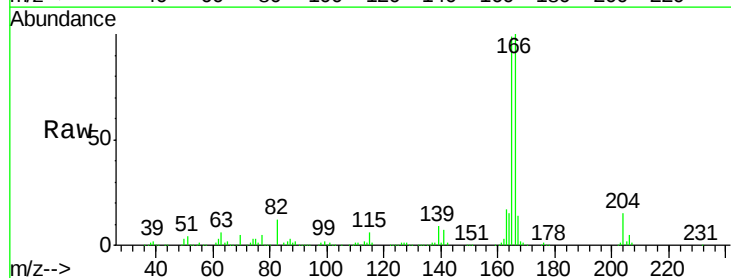
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

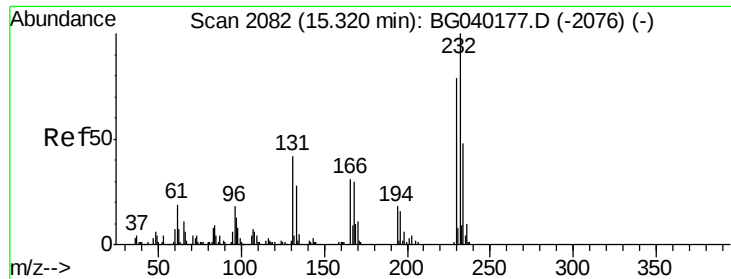
Tot Ion:165 Resp: 163563
Ion Ratio Lower Upper
165 100
63 41.3 33.8 50.6
89 66.5 55.4 83.2
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.644 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:166 Resp: 481851
Ion Ratio Lower Upper
166 100
165 99.2 81.7 122.5
167 13.7 11.9 17.9

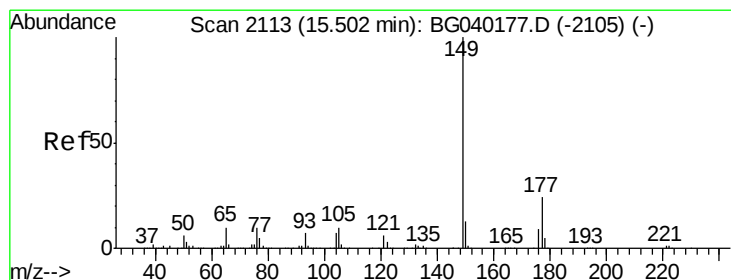
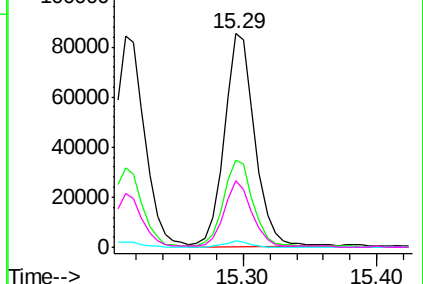
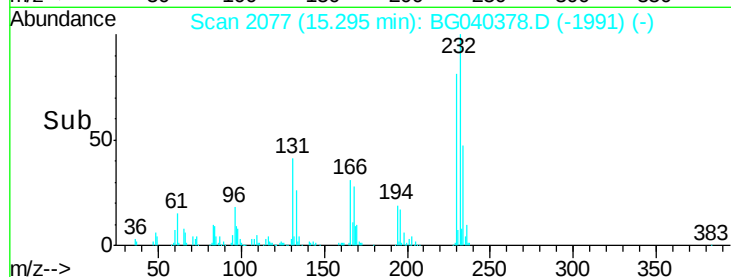
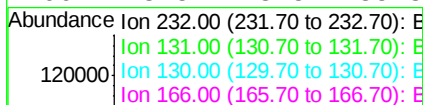
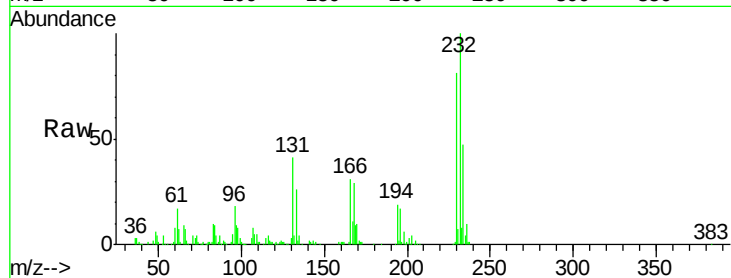




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.660 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

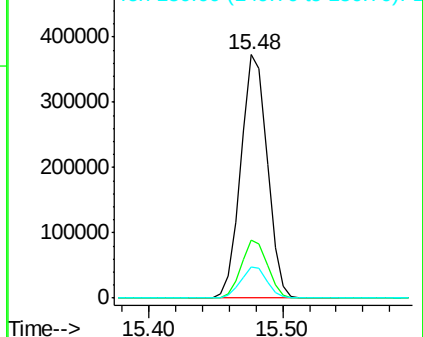
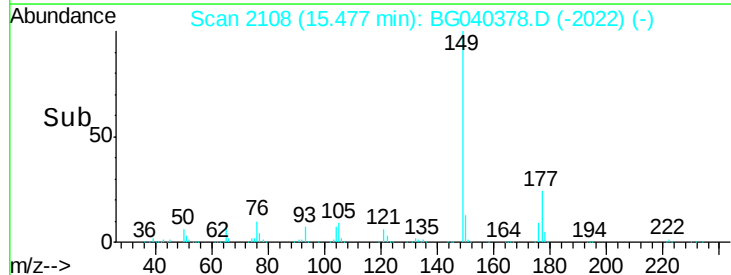
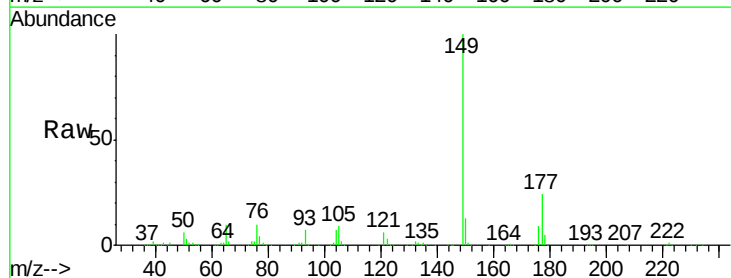
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

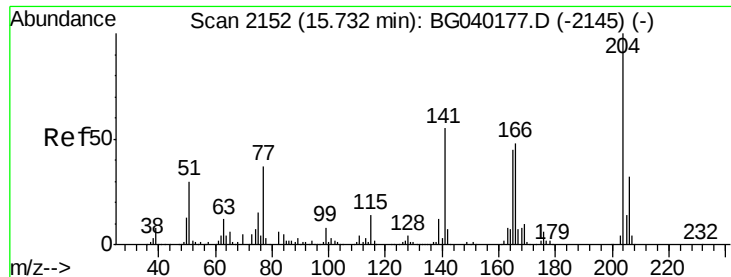
Tot Ion:	232	Resp:	134568
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.9	49.3
130	2.4	1.8	2.8
166	28.5	23.5	35.3



#60
 Diethylphthalate
 Concen: 39.925 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion:	149	Resp:	509577
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	12.9	10.6	15.8

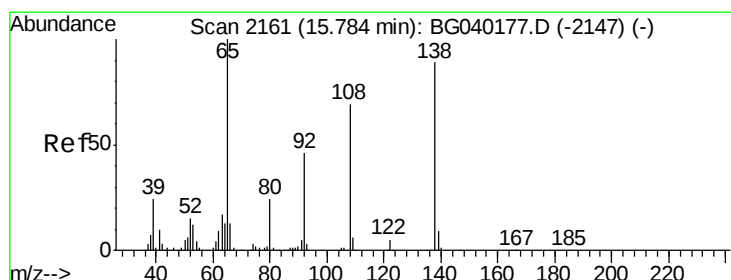
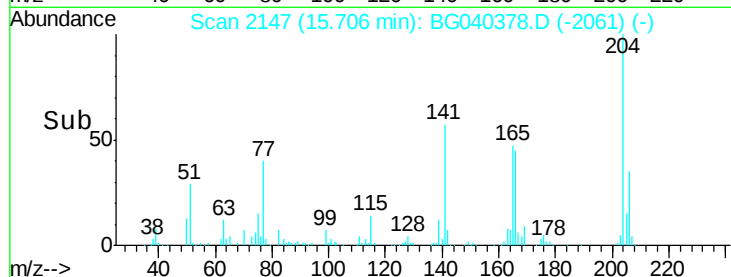
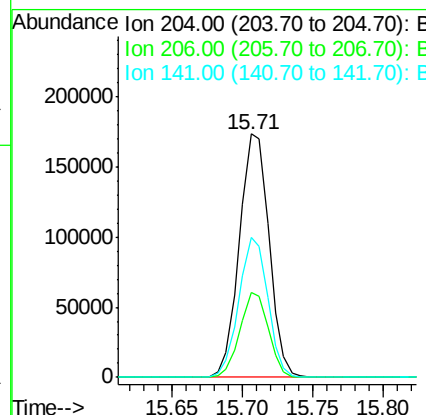
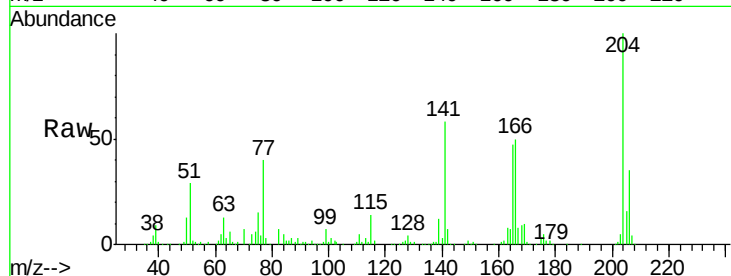




#61
 4-Chlorophenyl-phenylether
 Concen: 40.207 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

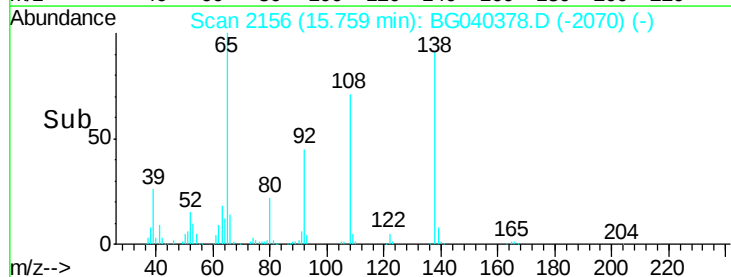
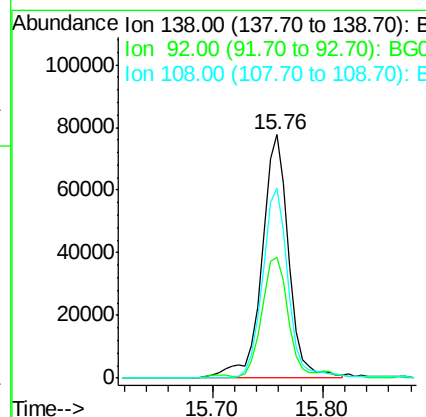
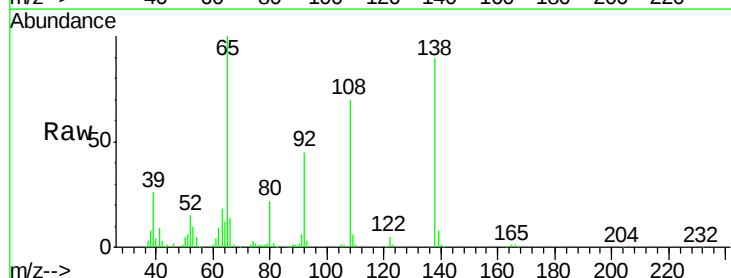
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

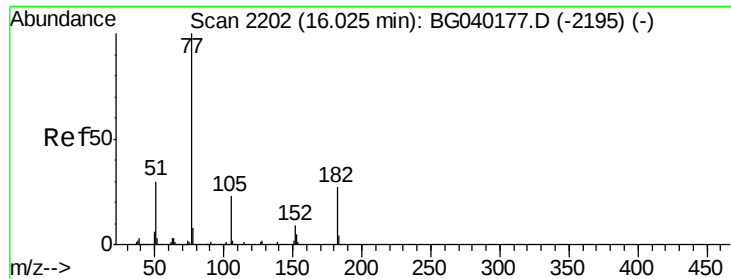
Tot Ion:204 Resp: 254793
 Ion Ratio Lower Upper
 204 100
 206 34.8 25.7 38.5
 141 57.6 44.0 66.0



#62
 4-Nitroaniline
 Concen: 41.541 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion:138 Resp: 132161
 Ion Ratio Lower Upper
 138 100
 92 49.6 31.8 71.8
 108 77.8 57.2 97.2

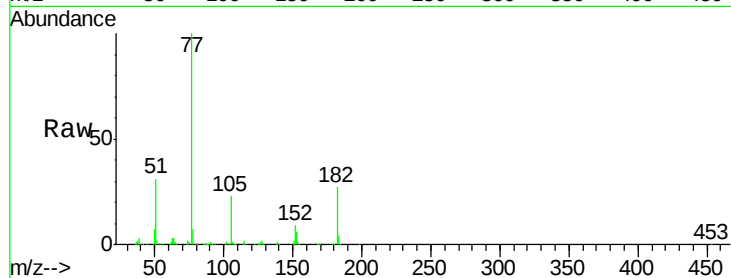




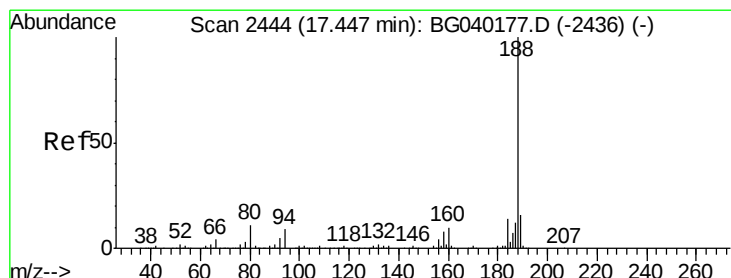
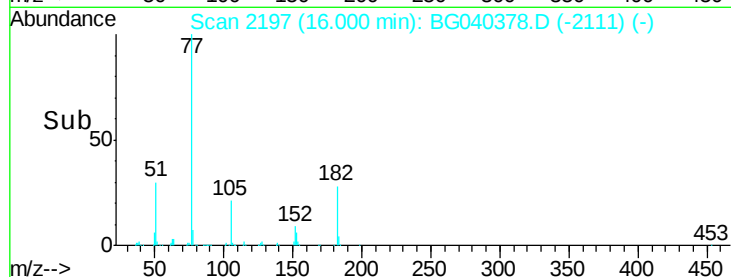
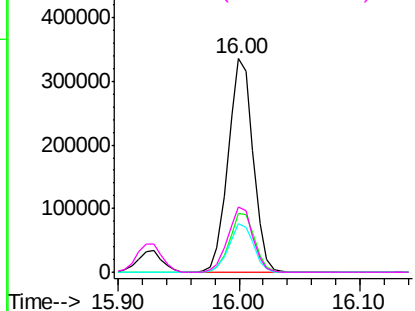
#63
Azobenzene
Concen: 39.922 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 480633
Ion Ratio Lower Upper
77 100
182 27.4 7.2 47.2
105 22.7 2.8 42.8
51 30.6 10.4 50.4

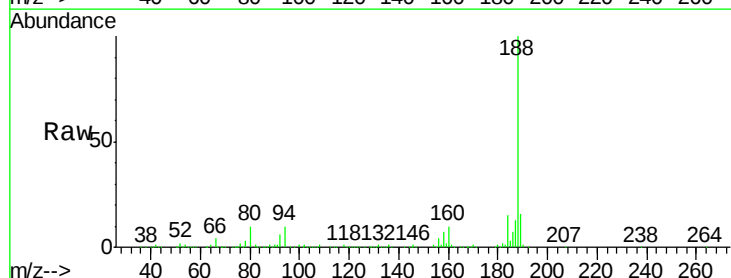


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

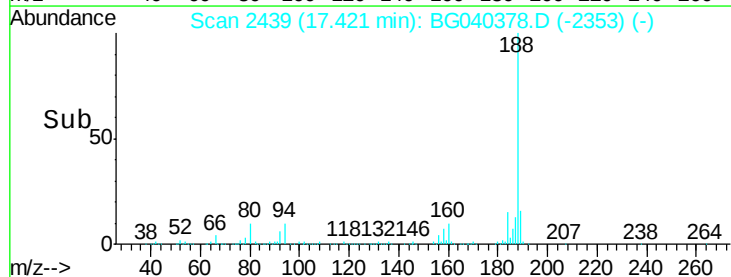
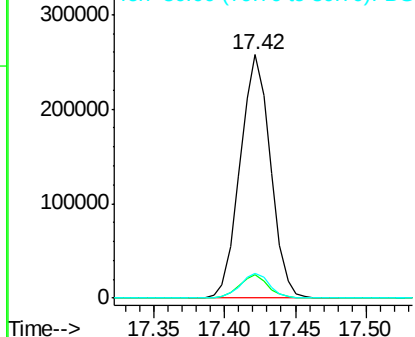


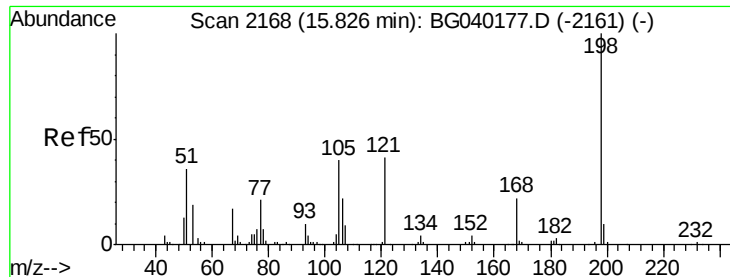
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion: 188 Resp: 387974
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.2 8.6 13.0



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

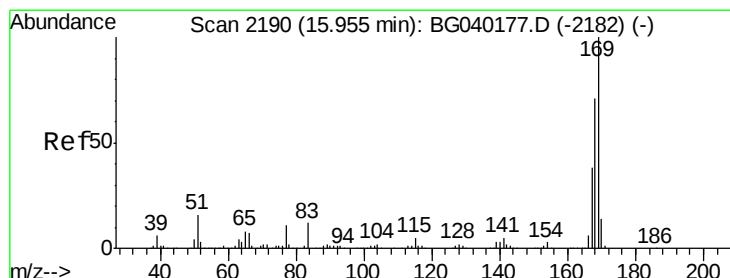
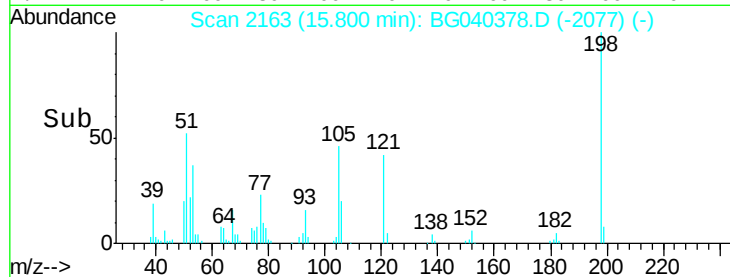
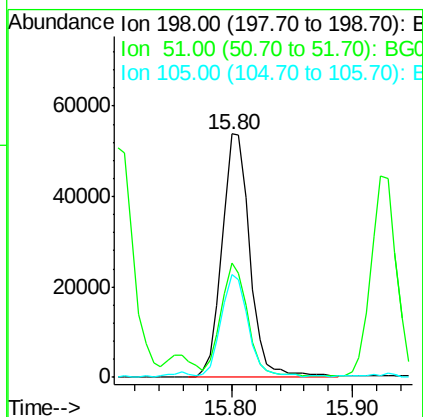
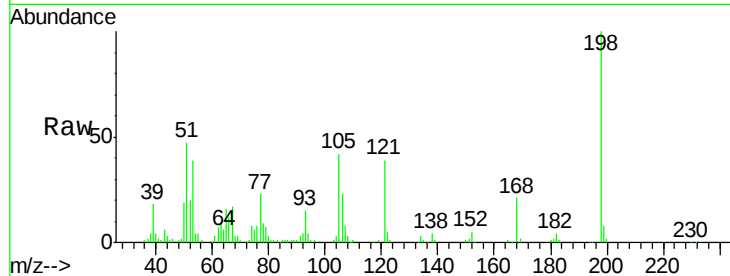




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.484 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

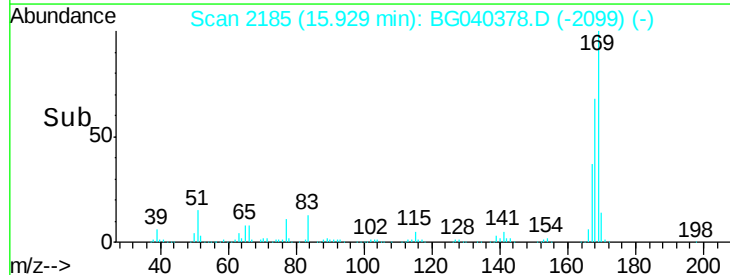
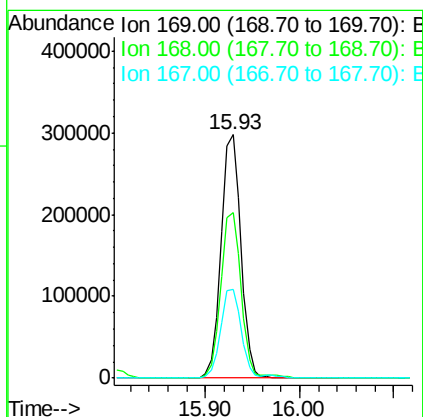
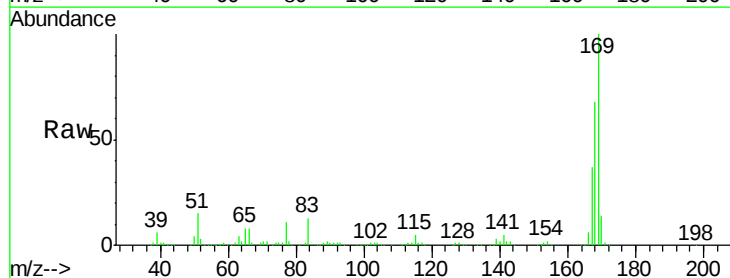
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 86064
 Ion Ratio Lower Upper
 198 100
 51 46.9 27.3 67.3
 105 42.0 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.512 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion:169 Resp: 437237
 Ion Ratio Lower Upper
 169 100
 168 68.2 56.8 85.2
 167 36.6 30.2 45.4

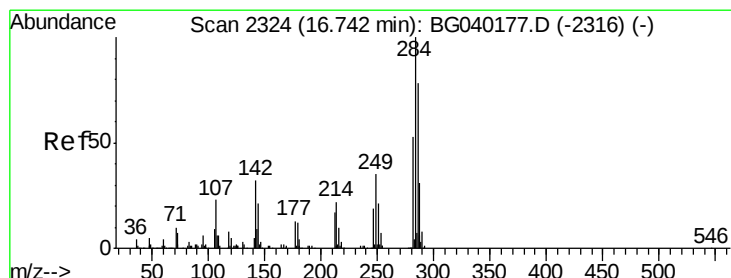
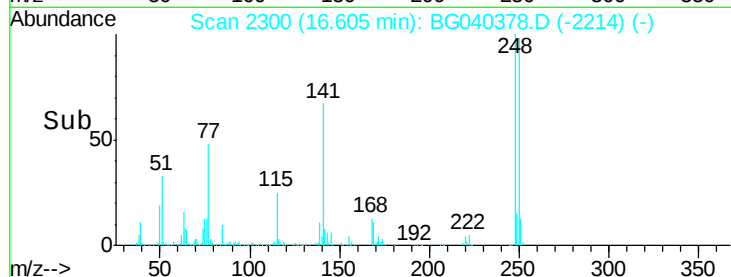
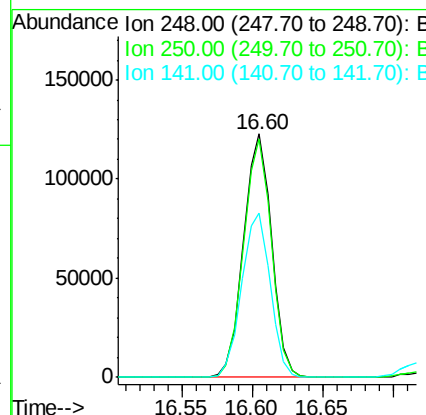
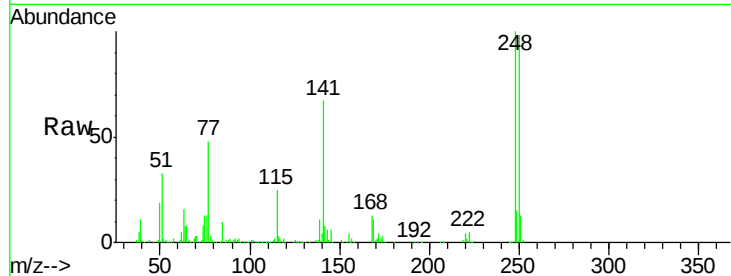




#67
4-Bromophenyl-phenylether
Concen: 39.111 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

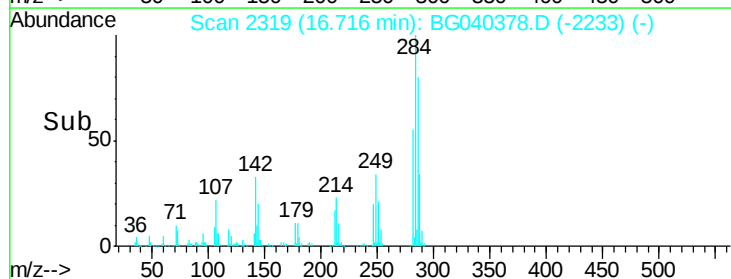
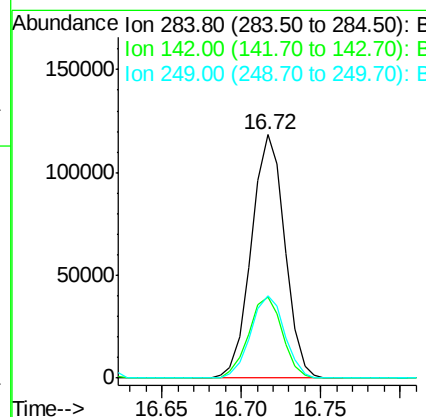
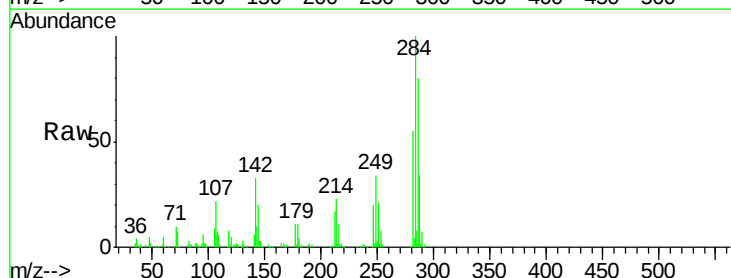
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

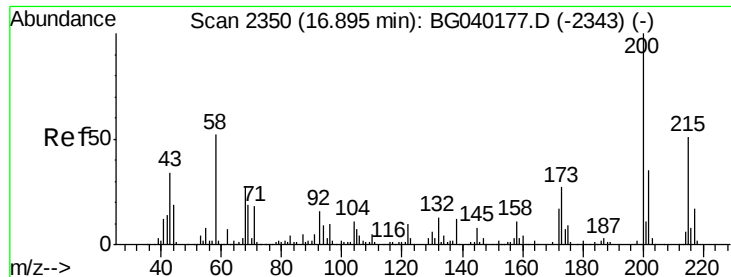
Tot Ion:248 Resp: 170762
Ion Ratio Lower Upper
248 100
250 97.9 76.4 114.6
141 67.3 53.8 80.8



#68
Hexachlorobenzene
Concen: 39.546 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:284 Resp: 173600
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 33.7 28.2 42.2





#69

Atrazine

Concen: 39.311 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

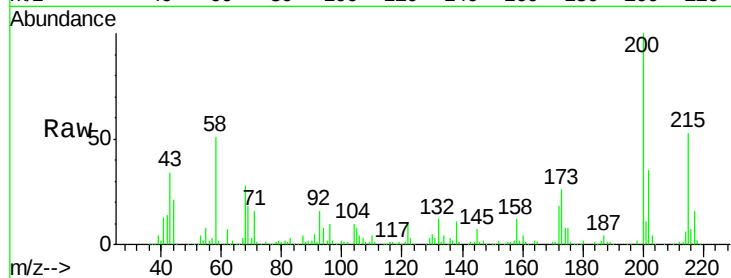
Tot Ion:200 Resp: 166024

Ion Ratio Lower Upper

200 100

173 25.8 7.1 47.1

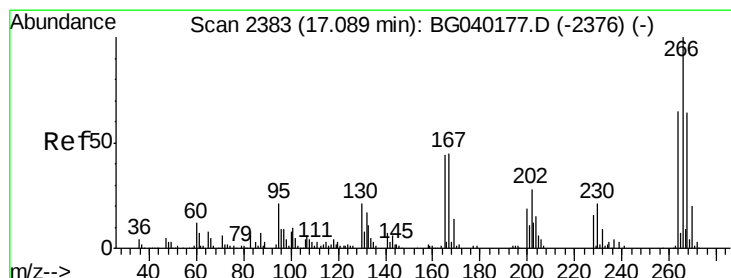
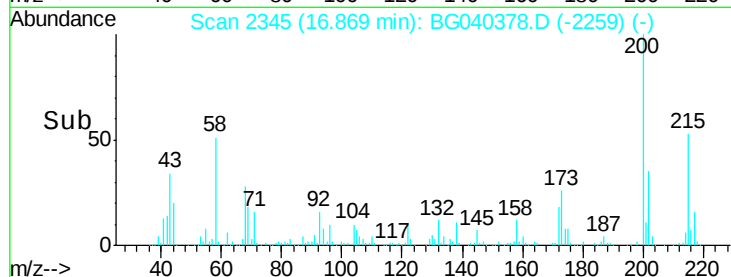
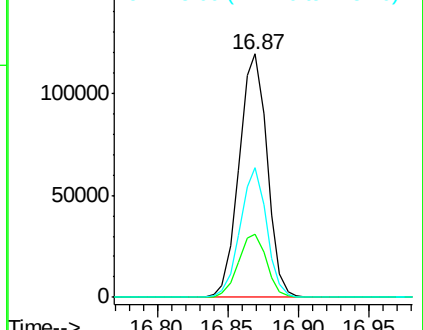
215 53.1 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.352 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

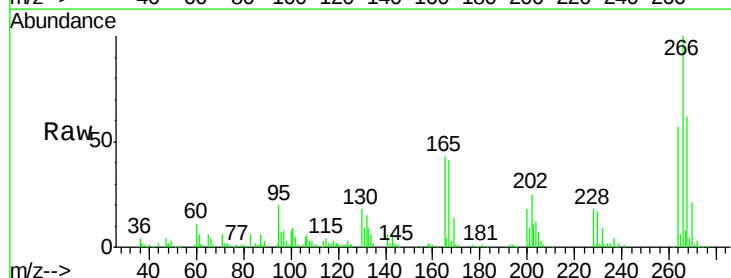
Tgt Ion:266 Resp: 89722

Ion Ratio Lower Upper

266 100

268 66.3 55.0 82.4

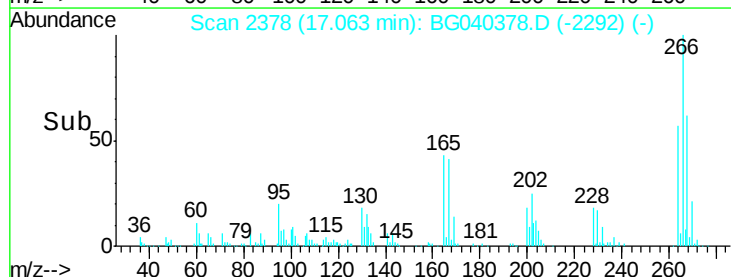
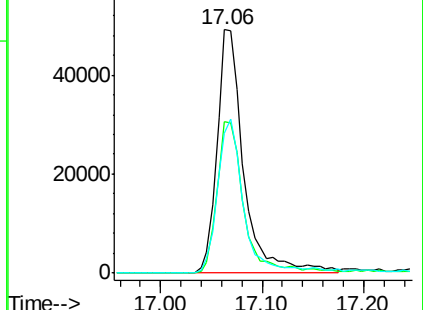
264 57.2 51.8 77.8

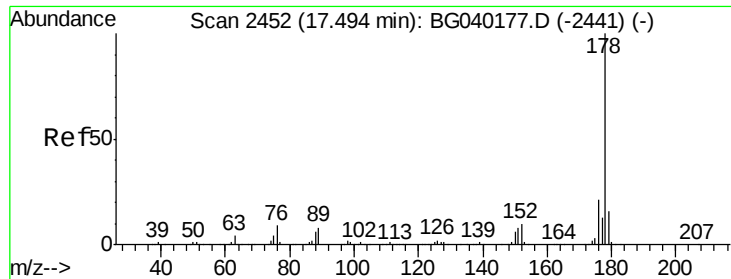


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.076 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

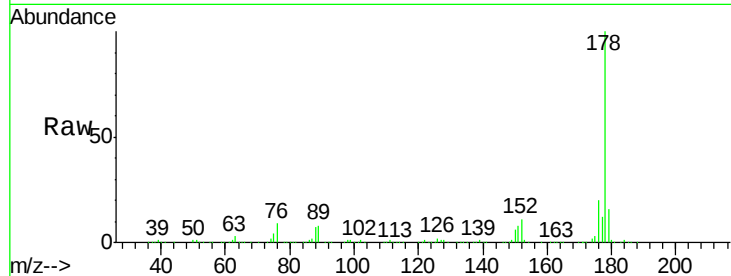
Tot Ion:178 Resp: 817251

Ion Ratio Lower Upper

178 100

176 20.1 16.7 25.1

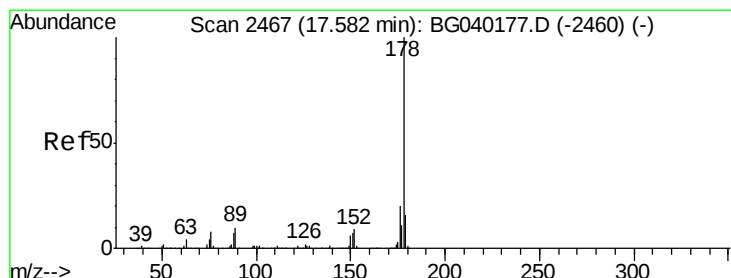
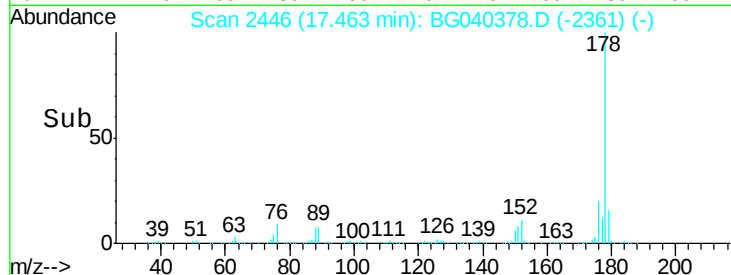
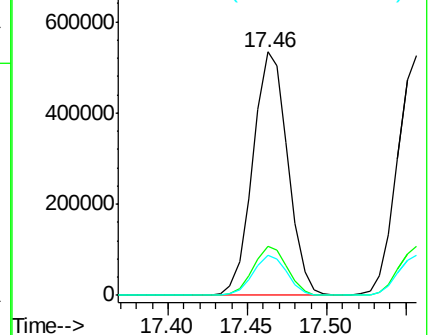
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.994 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

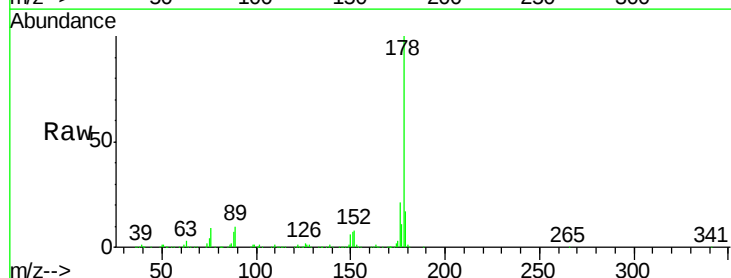
Tgt Ion:178 Resp: 816335

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

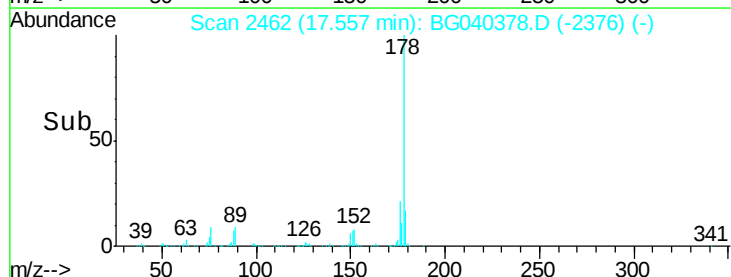
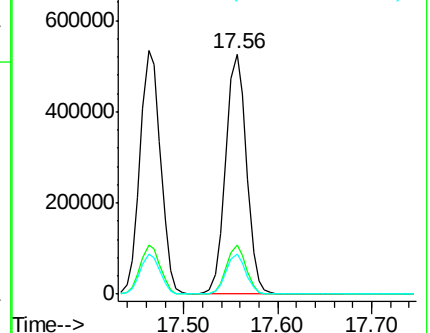
179 16.5 12.9 19.3

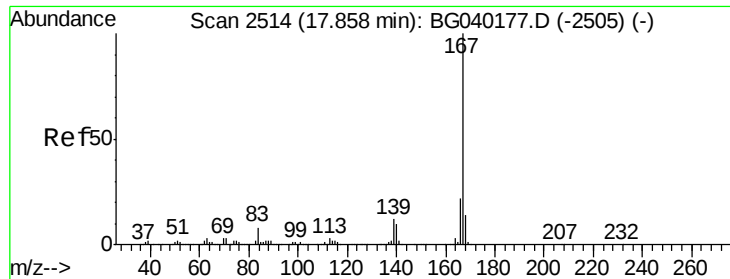


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

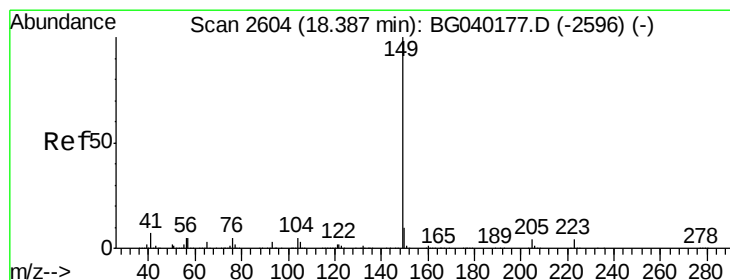
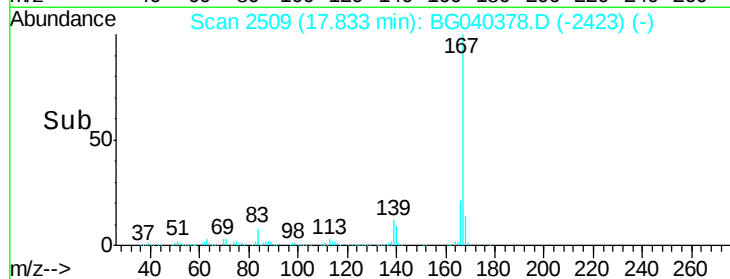
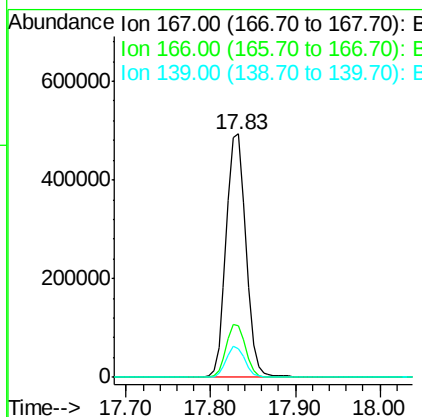
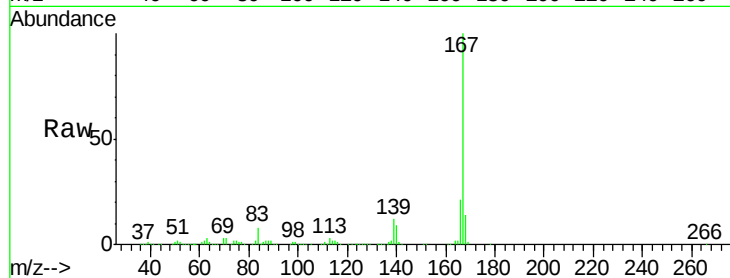




#73
 Carbazole
 Concen: 41.216 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

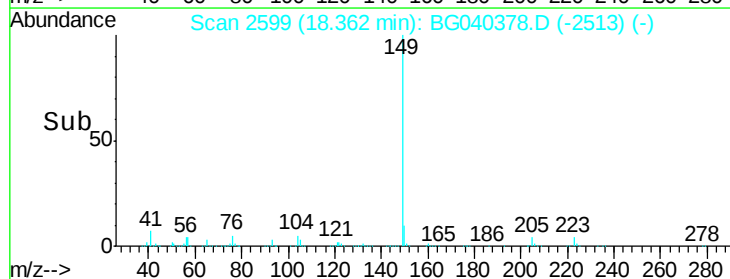
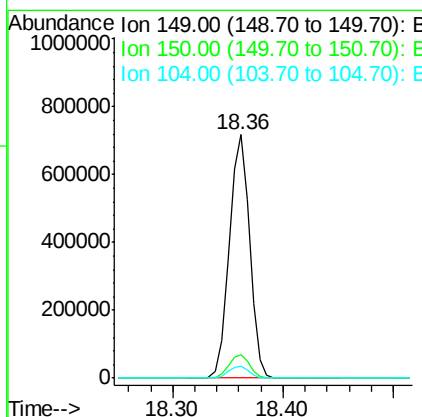
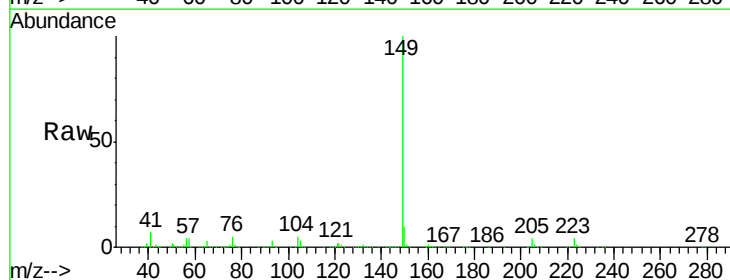
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

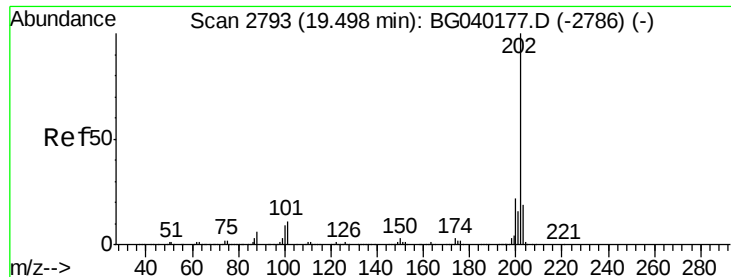
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	12.0	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 40.569 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040378.D
 Acq: 5 Apr 2019 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	4.8	4.1	6.1





#75

Fluoranthene

Concen: 41.513 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

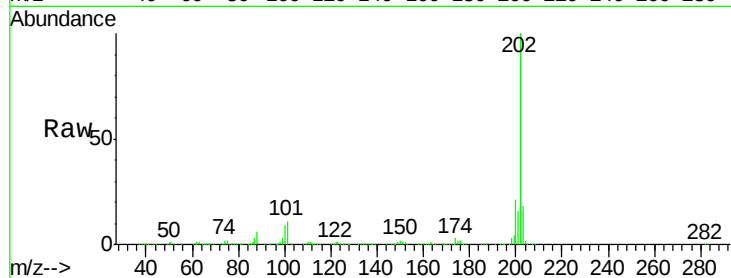
Tot Ion:202 Resp: 1002425

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

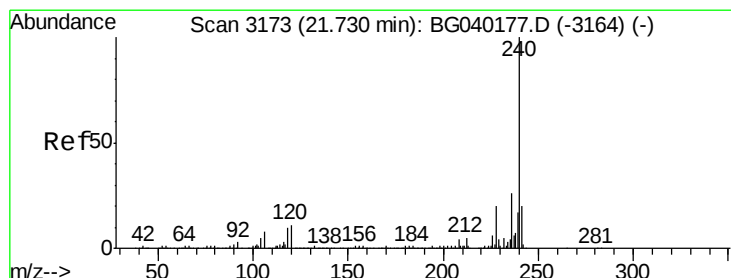
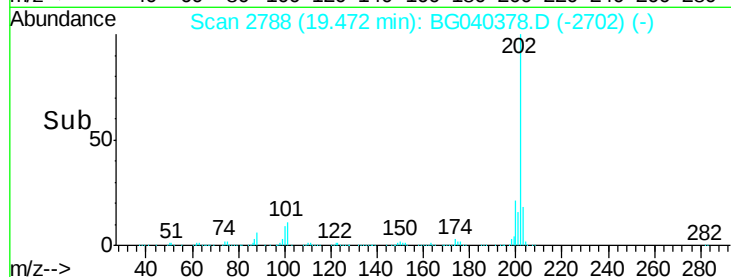
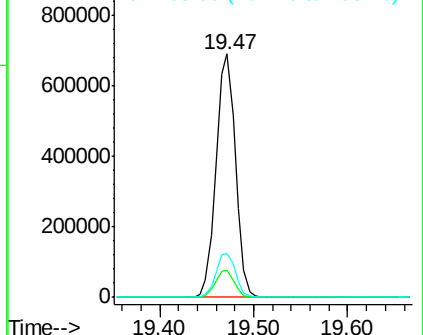
203 18.2 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

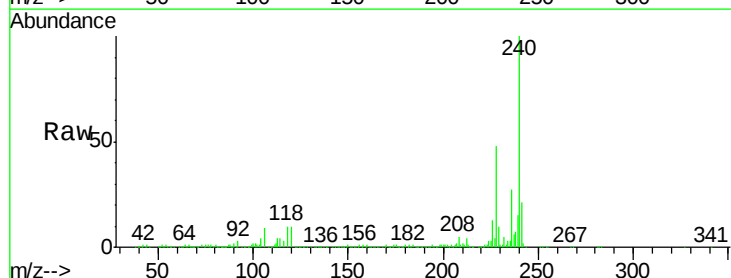
Tgt Ion:240 Resp: 396011

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

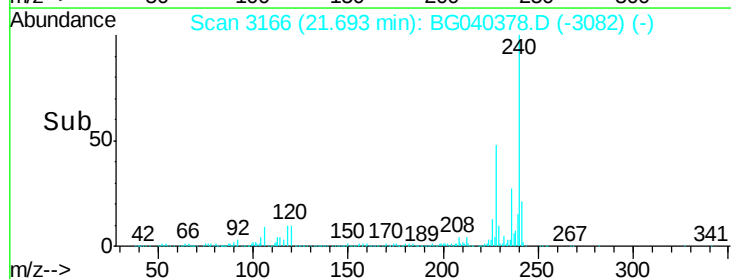
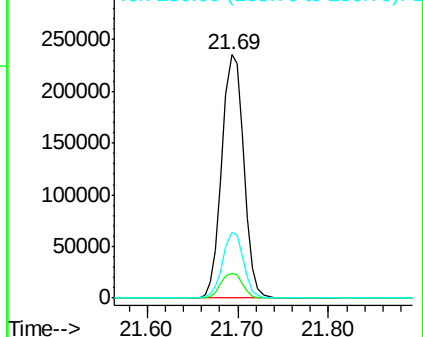
236 26.9 20.8 31.2

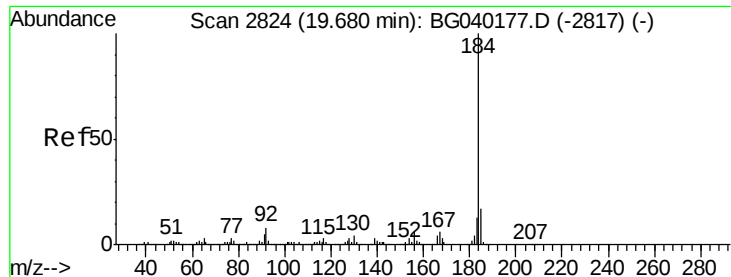


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.508 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

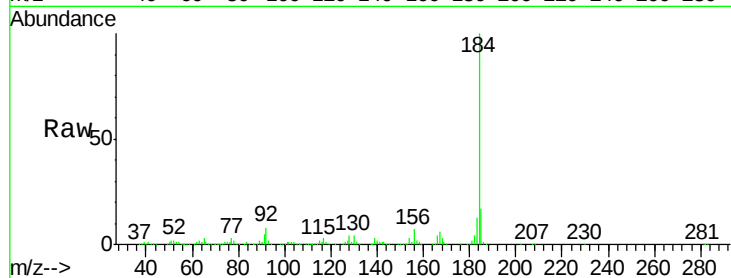
Tot Ion:184 Resp: 536377

Ion Ratio Lower Upper

184 100

185 16.7 13.3 19.9

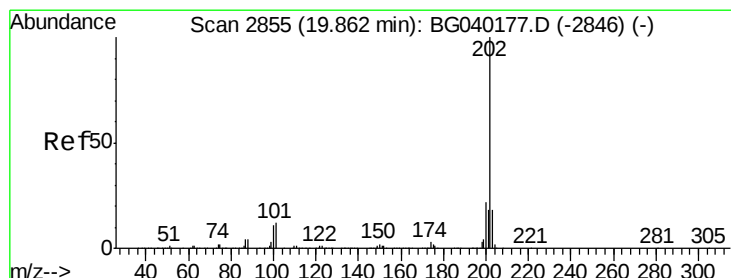
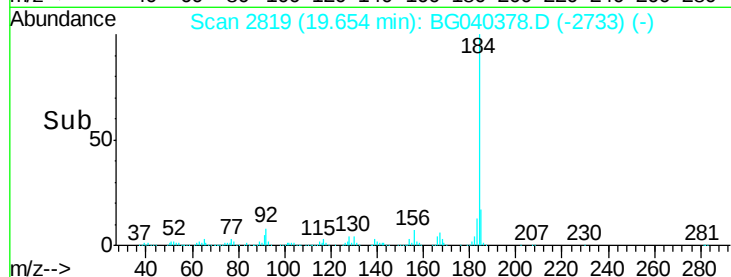
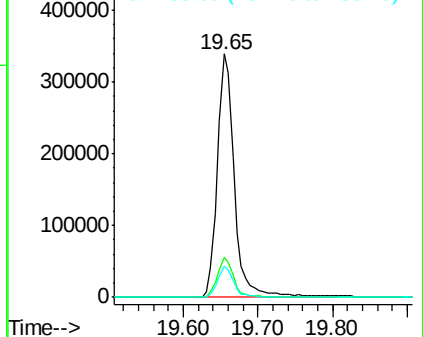
183 12.7 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.940 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

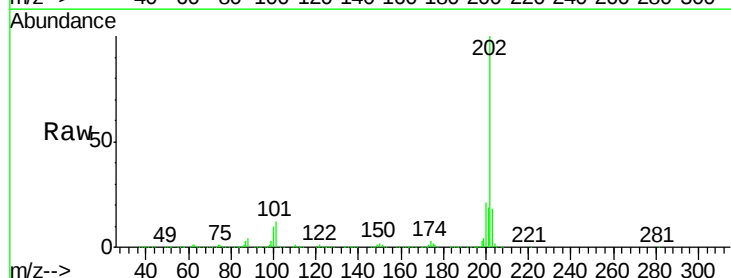
Tgt Ion:202 Resp: 1014086

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

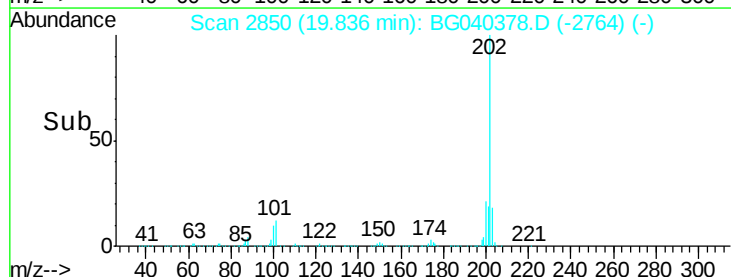
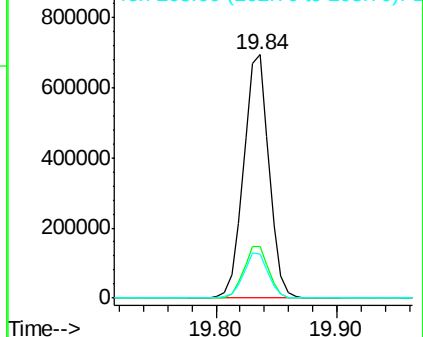
203 18.3 14.6 22.0

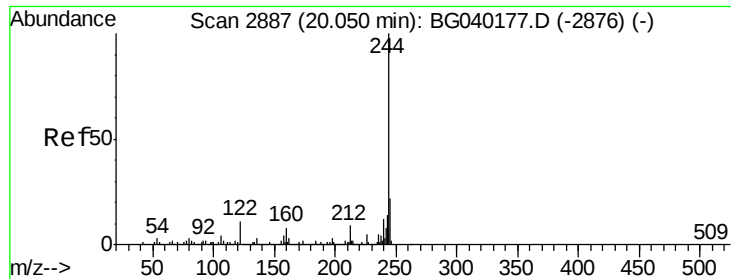


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.685 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

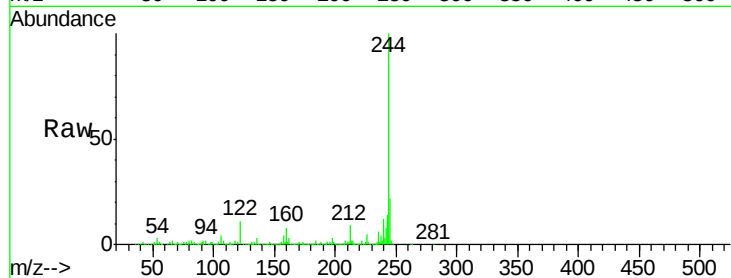
Tot Ion:244 Resp: 1332290

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

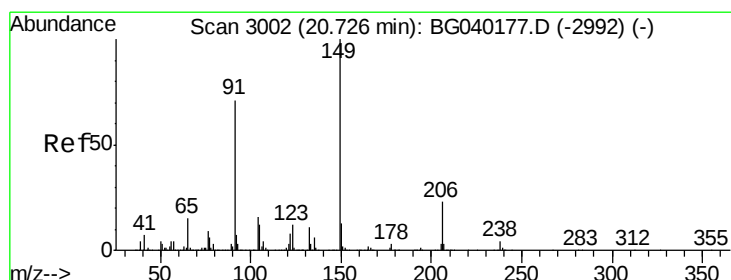
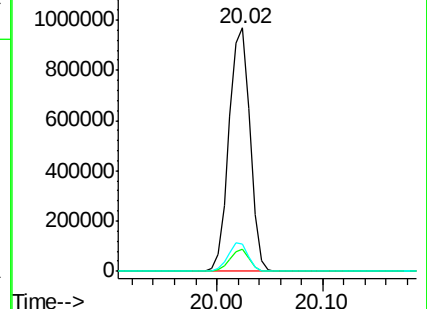
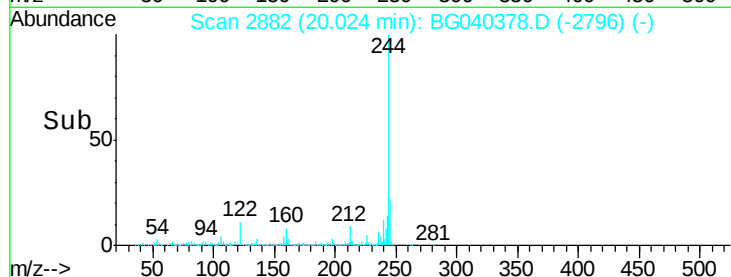
122 11.4 8.5 12.7



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: 39.519 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

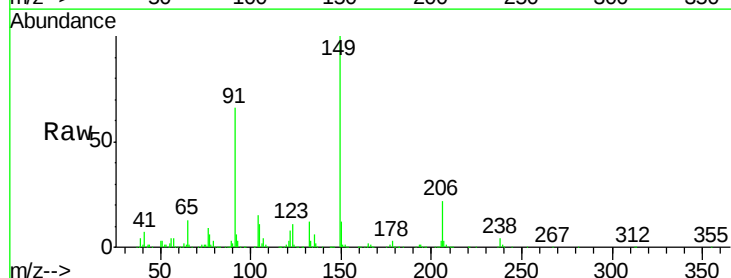
Tgt Ion:149 Resp: 440394

Ion Ratio Lower Upper

149 100

91 66.2 57.0 85.4

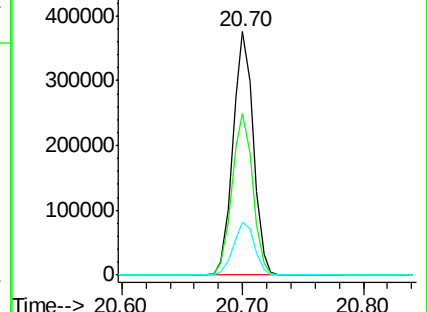
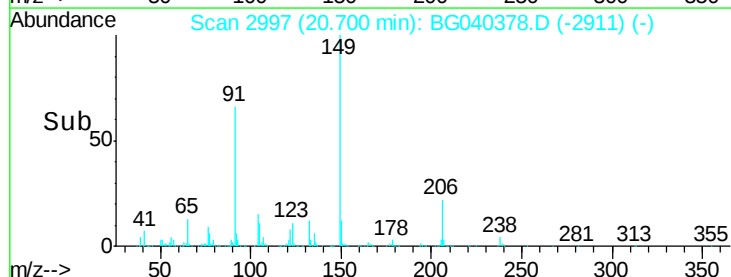
206 21.9 18.2 27.4

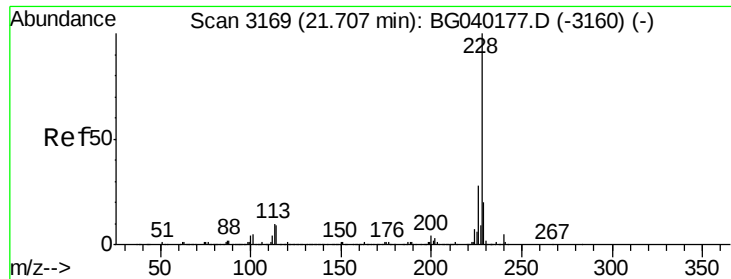


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.178 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

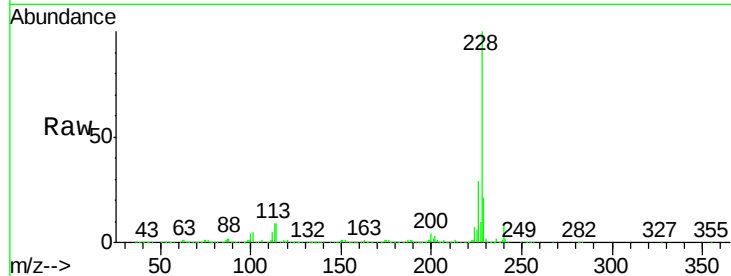
Tot Ion:228 Resp: 955632

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

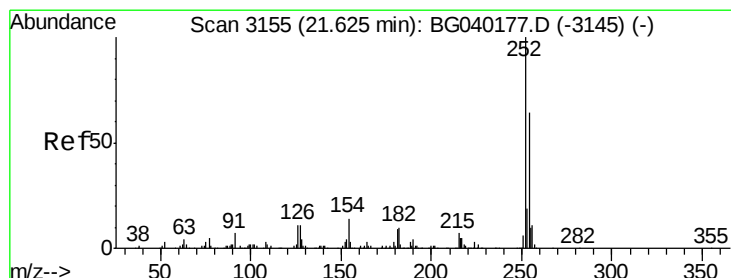
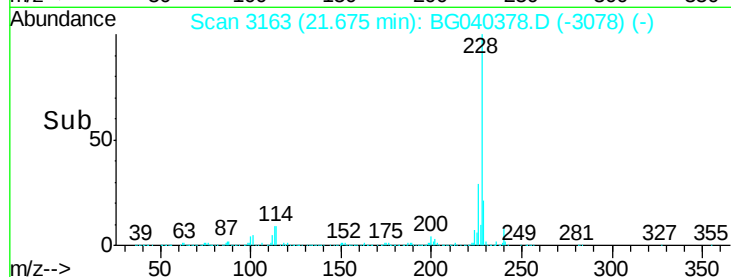
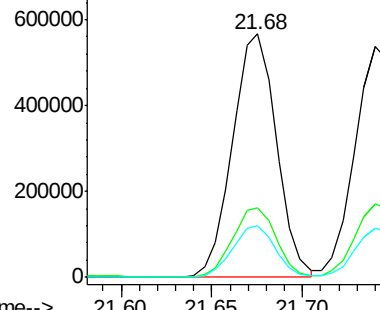
229 21.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.612 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

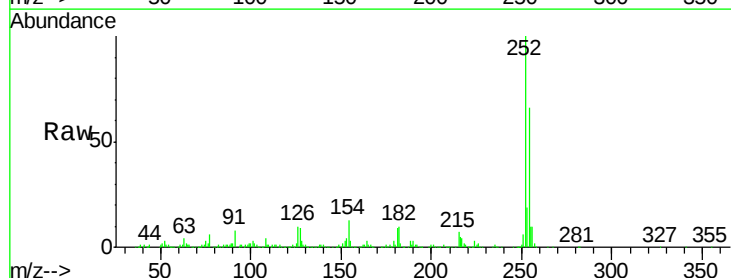
Tgt Ion:252 Resp: 367557

Ion Ratio Lower Upper

252 100

254 66.2 51.4 77.2

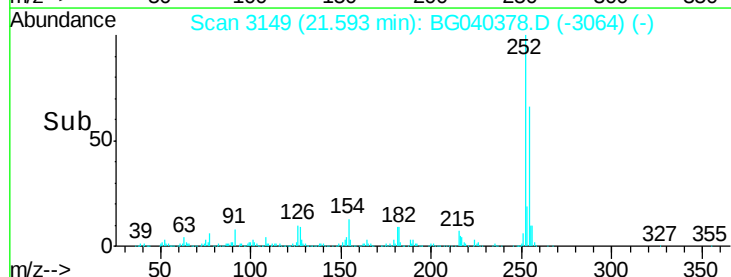
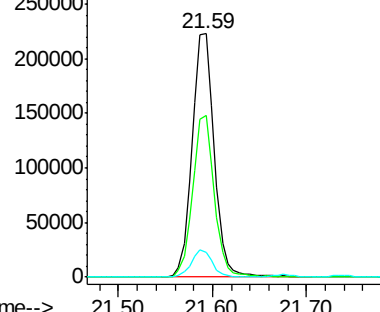
126 10.0 8.5 12.7



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: 39.708 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.04 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

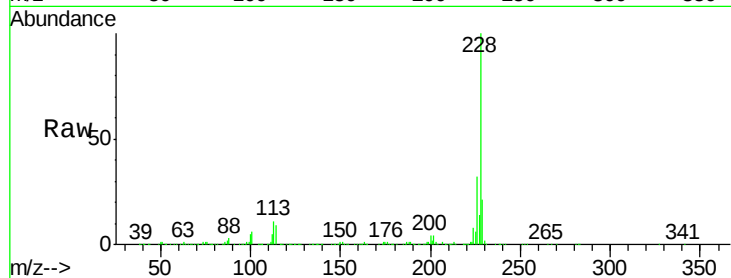
Tot Ion:228 Resp: 930858

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.0

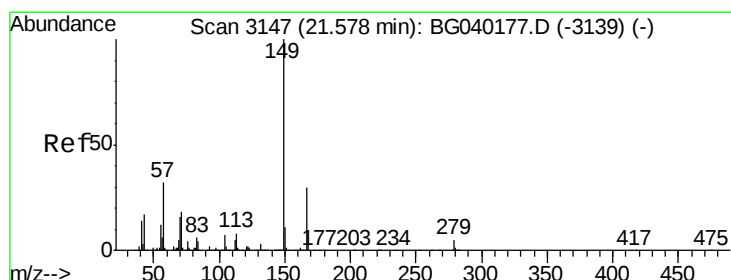
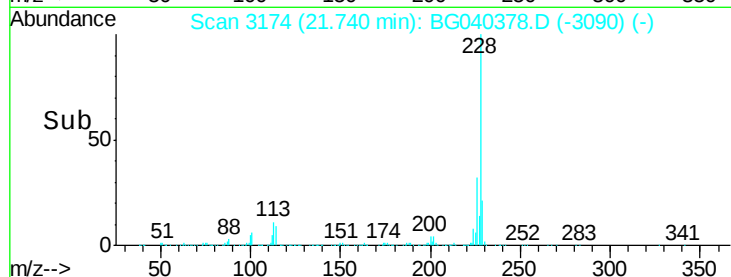
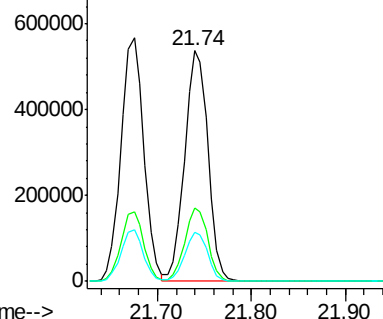
229 21.3 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.237 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

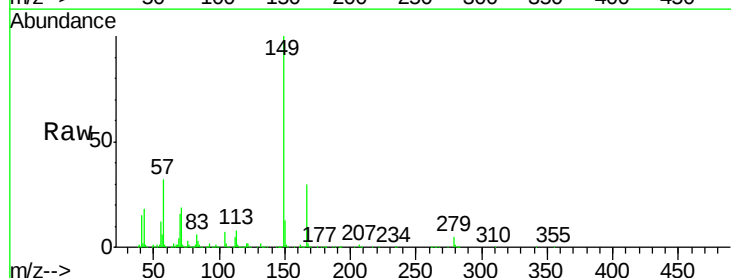
Tgt Ion:149 Resp: 625038

Ion Ratio Lower Upper

149 100

167 30.4 24.1 36.1

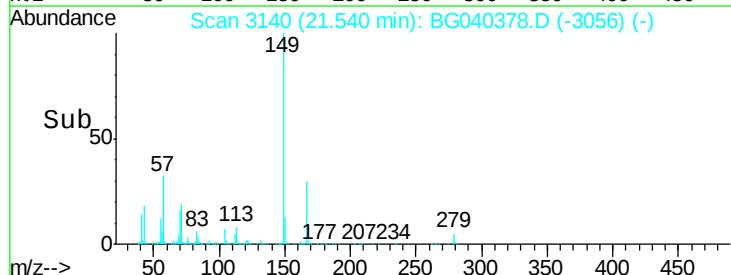
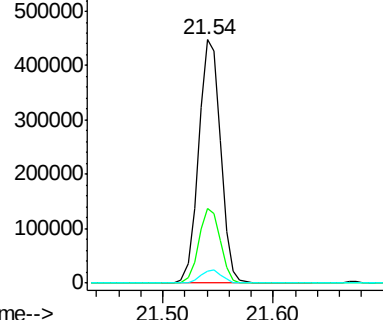
279 5.0 4.1 6.1

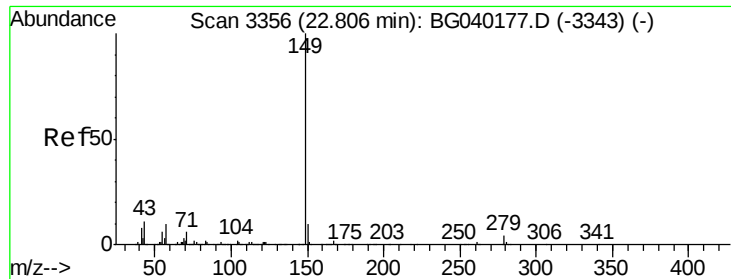


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.071 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

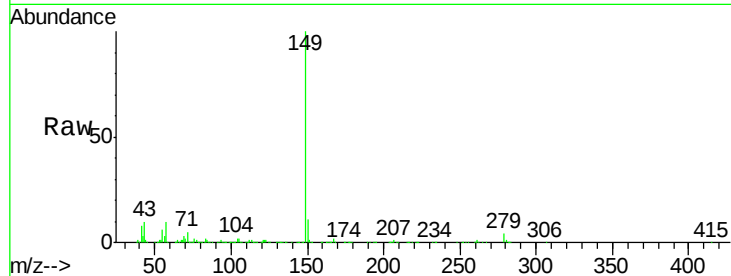
Tot Ion:149 Resp: 1060395

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

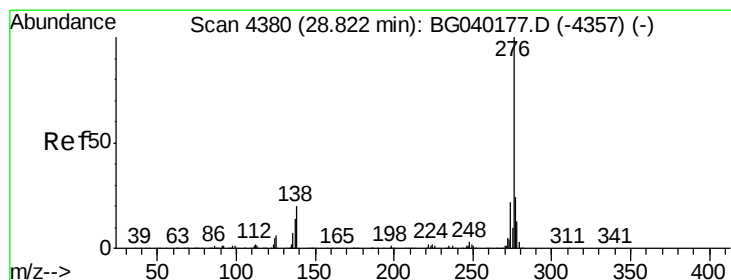
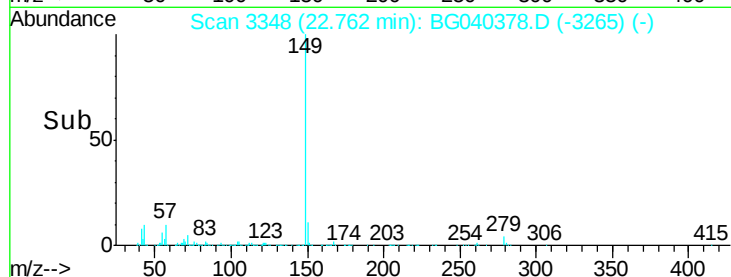
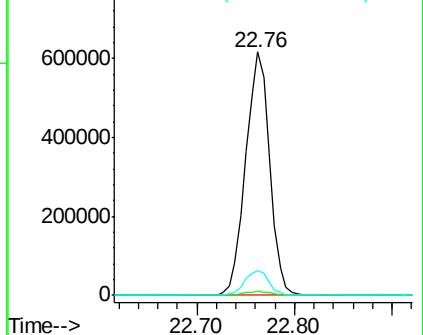
43 10.2 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.004 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.10 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

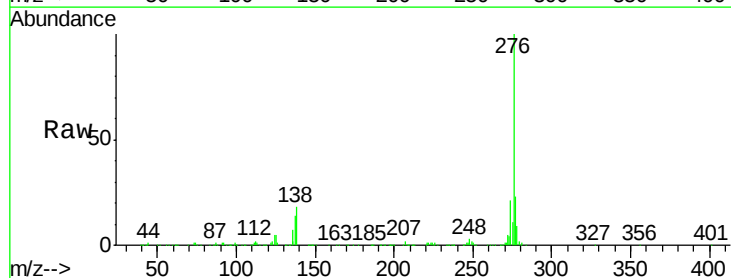
Tgt Ion:276 Resp: 1118296

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

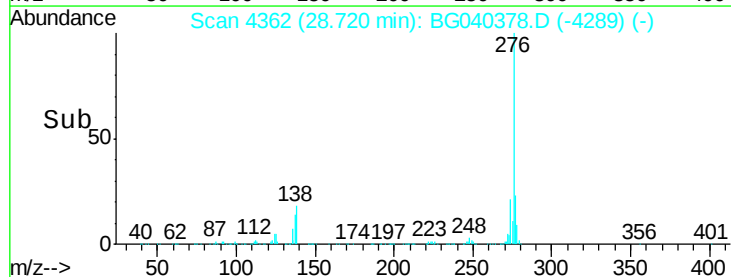
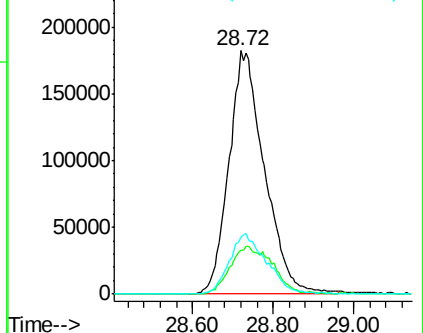
277 25.7 21.0 31.4

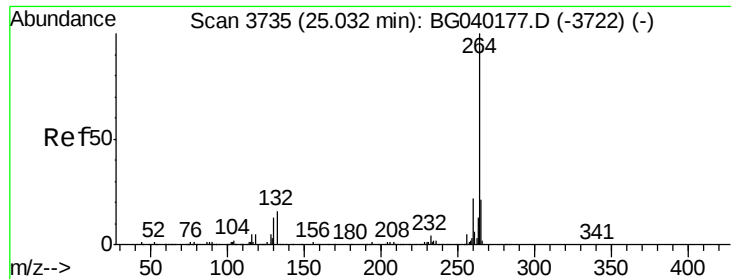


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

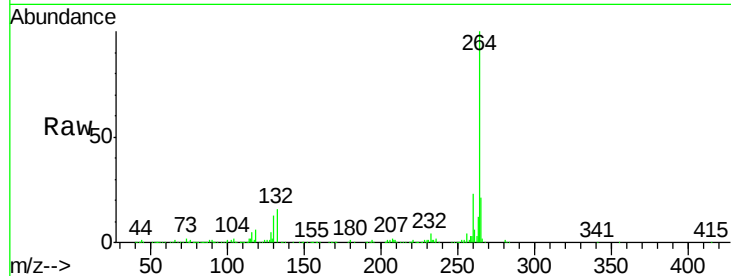
Tot Ion:264 Resp: 408008

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

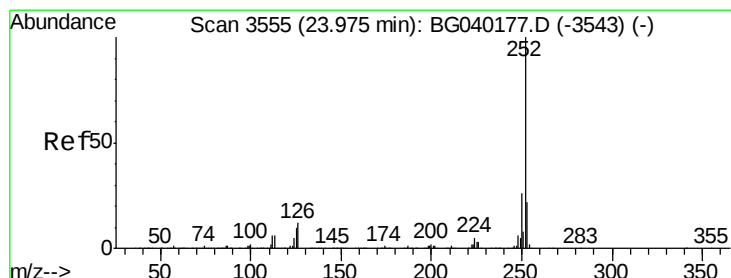
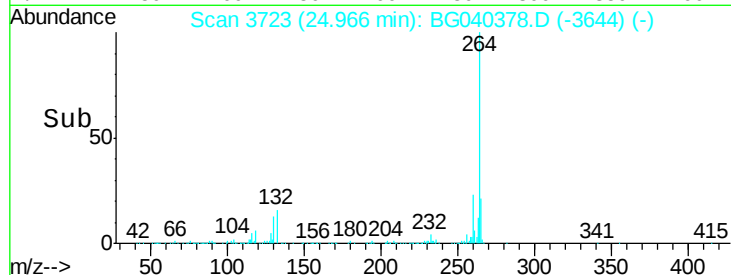
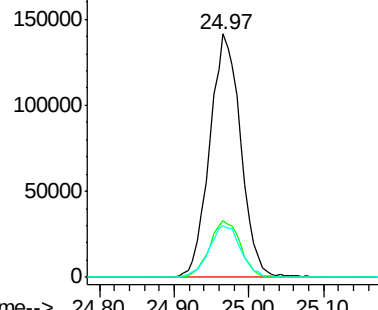
265 21.0 16.8 25.2



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: 39.176 ng

RT: 23.93 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040378.D

Acq: 5 Apr 2019 15:45

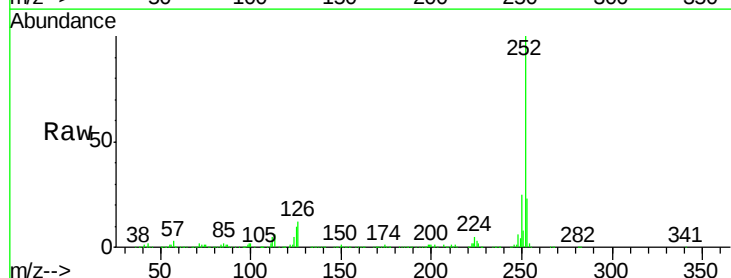
Tgt Ion:252 Resp: 978615

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

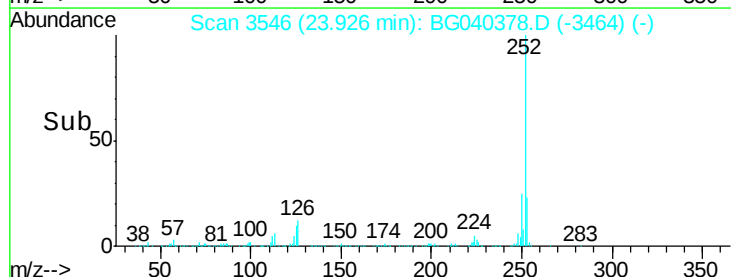
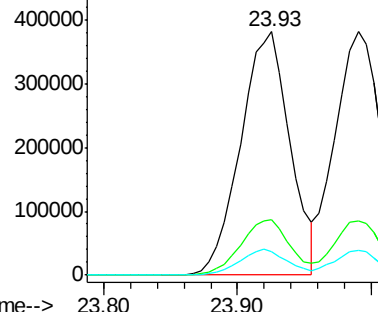
125 9.6 8.2 12.4

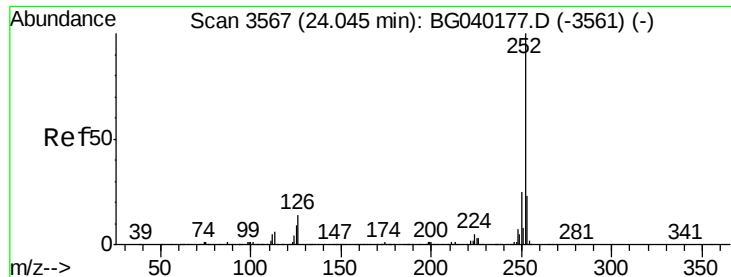


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

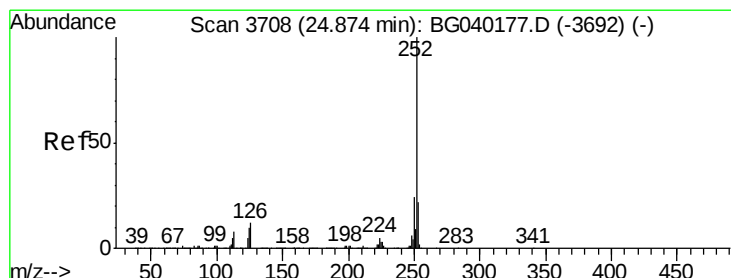
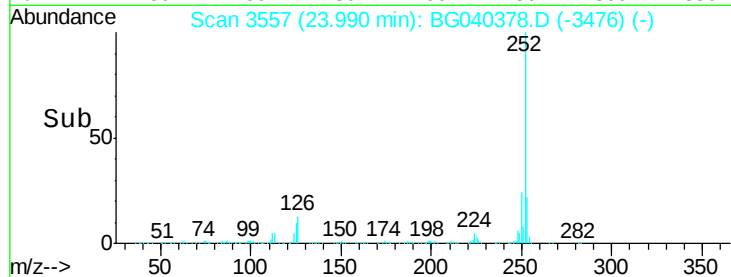
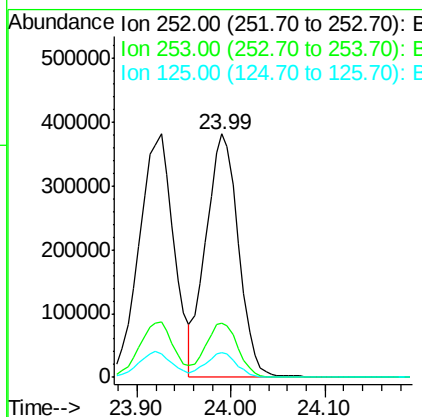
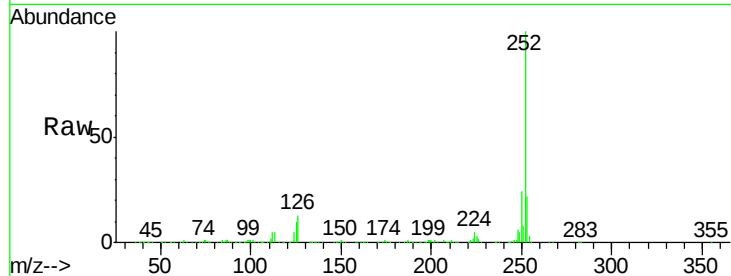




#89
Benzo(k)fluoranthene
Concen: 40.137 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

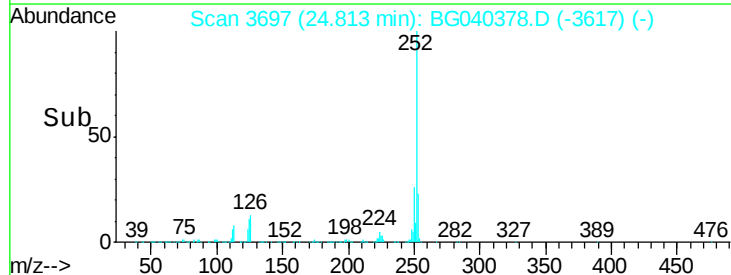
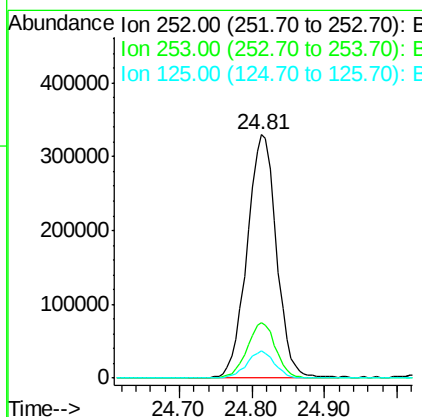
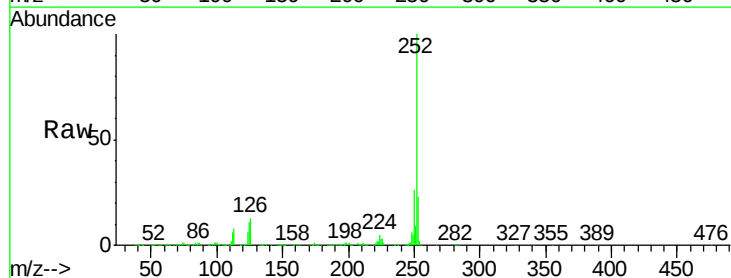
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

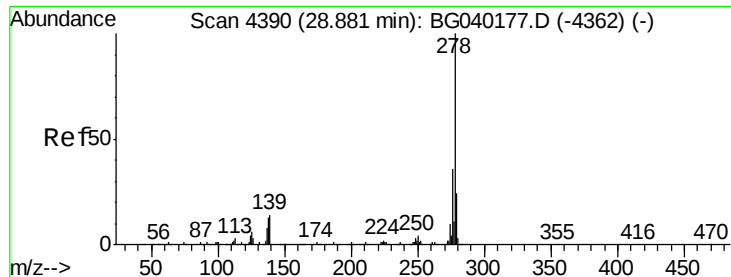
Tot Ion:252 Resp: 922008
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.480 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.06 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion:252 Resp: 925317
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.1 8.3 12.5

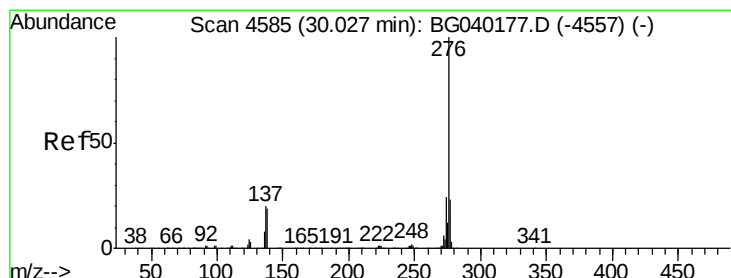
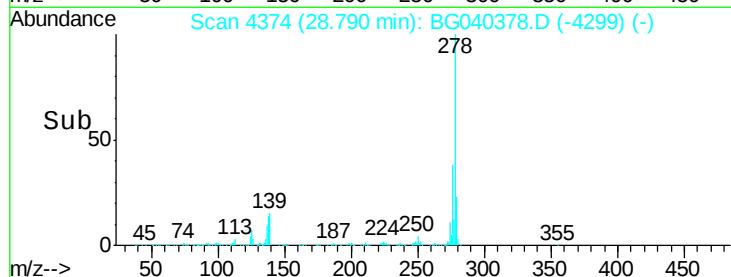
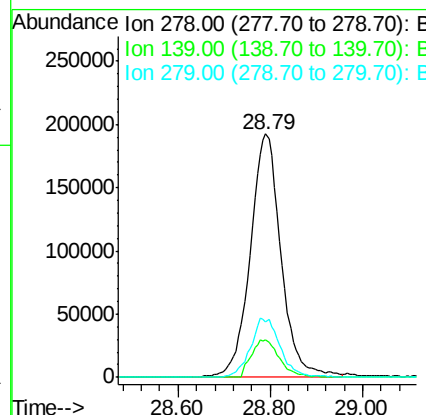
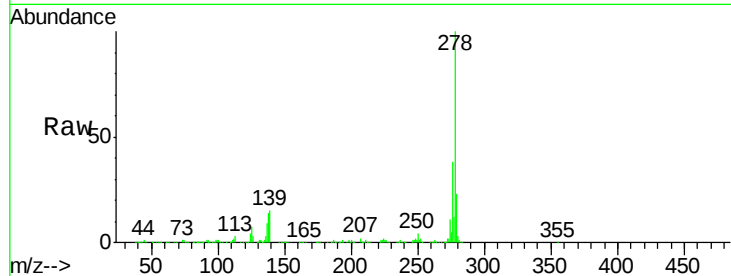




#91
Dibenzo(a,h)anthracene
Concen: 40.975 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.09 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.2	16.8
279	22.6	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 40.225 ng
RT: 29.91 min Scan# 4565
Delta R.T. -0.11 min
Lab File: BG040378.D
Acq: 5 Apr 2019 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	20.1	15.2	22.8

