

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
 Data File : BG043308.D
 Acq On : 23 Oct 2019 14:50
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 24 06:49:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31165	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	132501	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	98980	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	241086	20.00	ng	0.00
76) Chrysene-d12	21.67	240	272179	20.00	ng	0.00
87) Perylene-d12	24.87	264	317955	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	141432	83.16	ng	0.00
7) Phenol-d6	7.20	99	209093	85.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	207733	80.83	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	162227	86.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	588746	82.19	ng	0.00
79) Terphenyl-d14	20.01	244	1248512	86.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	28063	42.343	ng	97
3) Pyridine	3.89	79	75593	45.215	ng	99
4) n-Nitrosodimethylamine	3.81	42	34388	40.762	ng	94
6) Aniline	7.35	93	119828	42.510	ng	98
8) 2-Chlorophenol	7.59	128	79229	42.201	ng	95
9) Benzaldehyde	7.17	77	50705	42.165	ng	91
10) Phenol	7.22	94	97416	43.567	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	72825	42.126	ng	94
12) 1,3-Dichlorobenzene	7.91	146	96607	41.070	ng	98
13) 1,4-Dichlorobenzene	8.06	146	96838	40.690	ng	98
14) 1,2-Dichlorobenzene	8.38	146	95188	40.964	ng	96
15) Benzyl Alcohol	8.27	79	73269	42.635	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106766	42.473	ng	98
17) 2-Methylphenol	8.48	107	66902	41.043	ng	96
18) Hexachloroethane	9.11	117	36256	42.225	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	65277	41.284	ng	98
20) 3+4-Methylphenols	8.80	107	91375	40.880	ng	91
22) Acetophenone	8.85	105	138479	40.811	ng	# 98
24) Nitrobenzene	9.23	77	95594	39.045	ng	98
25) Isophorone	9.75	82	191669	40.790	ng	95
26) 2-Nitrophenol	9.94	139	46335	39.200	ng	92
27) 2,4-Dimethylphenol	10.00	122	66245	39.102	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	103948	40.082	ng	95
29) 2,4-Dichlorophenol	10.49	162	87672	40.390	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	107675	39.358	ng	99
31) Naphthalene	10.88	128	271384	40.350	ng	99
32) Benzoic acid	10.15	122	37692	32.694	ng	95
33) 4-Chloroaniline	10.99	127	116148	42.129	ng	97
34) Hexachlorobutadiene	11.17	225	79413	39.267	ng	98
35) Caprolactam	11.76	113	31972	42.767	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	96839	40.900	ng	96
37) 2-Methylnaphthalene	12.48	142	209875	40.670	ng	94
38) 1-Methylnaphthalene	12.70	142	203188	41.382	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	150228	41.011	ng	98

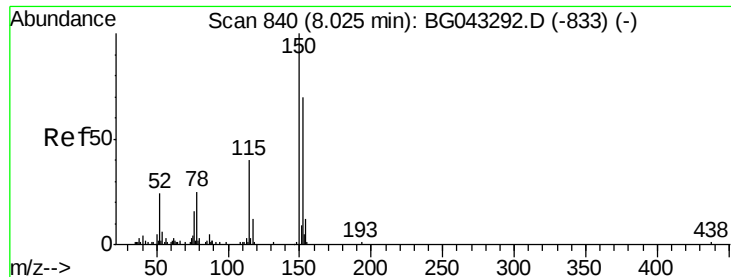
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	74910	38.929	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	90329	41.873	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	92232	42.290	ng	98
46) 1,1'-Biphenyl	13.49	154	309377	41.087	ng	99
47) 2-Chloronaphthalene	13.53	162	234086	40.858	ng	98
48) 2-Nitroaniline	13.73	65	74771	43.666	ng	97
49) Acenaphthylene	14.37	152	370449	41.545	ng	96
50) Dimethylphthalate	14.11	163	327700	42.743	ng	99
51) 2,6-Dinitrotoluene	14.23	165	72077	43.275	ng	97
52) Acenaphthene	14.72	154	225687	41.504	ng	96
53) 3-Nitroaniline	14.56	138	70229	43.673	ng	92
54) 2,4-Dinitrophenol	14.77	184	36208	38.927	ng	96
55) Dibenzofuran	15.05	168	371282	42.104	ng	100
56) 4-Nitrophenol	14.89	139	48718	45.209	ng	92
57) 2,4-Dinitrotoluene	15.02	165	100154	42.076	ng	# 98
58) Fluorene	15.70	166	316301	42.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	101592	43.844	ng	# 99
60) Diethylphthalate	15.47	149	330549	42.910	ng	96
61) 4-Chlorophenyl-phenylether	15.69	204	184171	42.686	ng	96
62) 4-Nitroaniline	15.73	138	75429	45.419	ng	88
63) Azobenzene	15.98	77	268421	43.054	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	58408	41.167	ng	96
66) n-Nitrosodiphenylamine	15.91	169	279218	41.022	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	133498	41.146	ng	97
68) Hexachlorobenzene	16.71	284	153688	41.267	ng	99
69) Atrazine	16.85	200	98456	41.629	ng	94
70) Pentachlorophenol	17.05	266	72713	42.848	ng	99
71) Phenanthrene	17.44	178	522685	42.338	ng	100
72) Anthracene	17.53	178	518898	42.010	ng	98
73) Carbazole	17.81	167	474704	42.439	ng	98
74) Di-n-butylphthalate	18.36	149	587071	43.256	ng	98
75) Fluoranthene	19.45	202	706105	43.872	ng	98
77) Benzidine	19.63	184	237950	43.440	ng	98
78) Pyrene	19.81	202	710960	42.200	ng	100
80) Butylbenzylphthalate	20.70	149	264576	41.451	ng	97
81) Benzo(a)anthracene	21.65	228	733576	43.027	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	288676	43.777	ng	96
83) Chrysene	21.71	228	708507	41.826	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	384421	42.398	ng	98
85) Di-n-octyl phthalate	22.75	149	634864	41.271	ng	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	897257	42.197	ng	# 97
88) Benzo(b)fluoranthene	23.85	252	759147	42.156	ng	98
89) Benzo(k)fluoranthene	23.92	252	756391	41.723	ng	98
90) Benzo(a)pyrene	24.72	252	719427	41.836	ng	98
91) Dibenzo(a,h)anthracene	28.58	278	743475	42.269	ng	98
92) Benzo(g,h,i)perylene	29.66	276	726473	41.871	ng	98

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

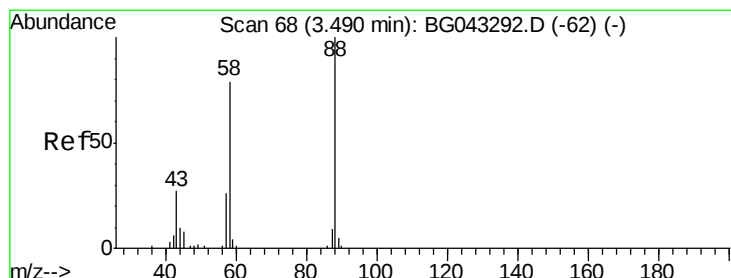
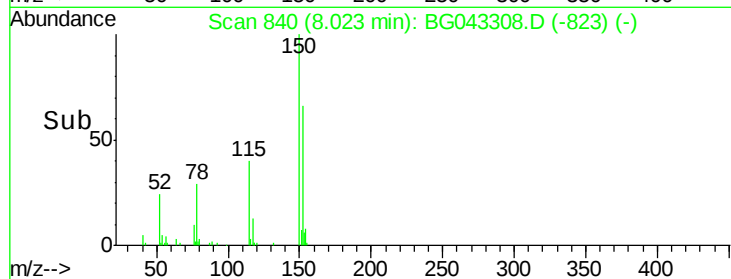
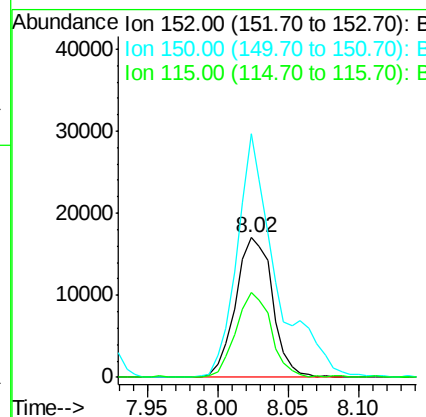
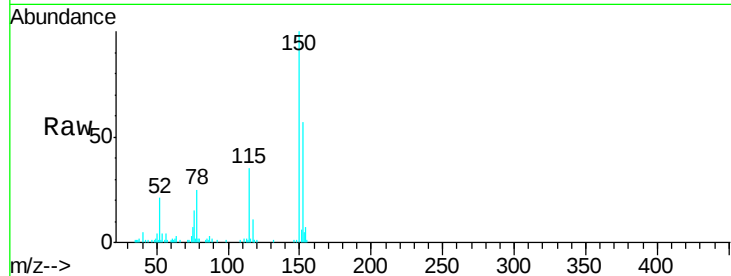


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

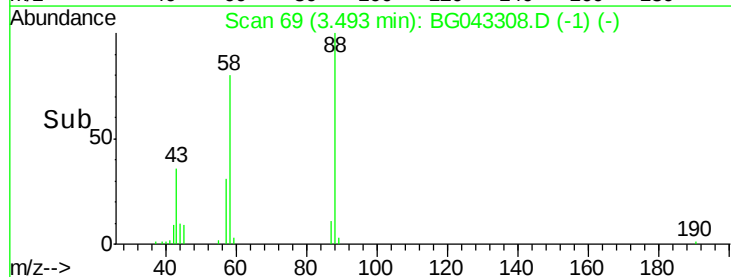
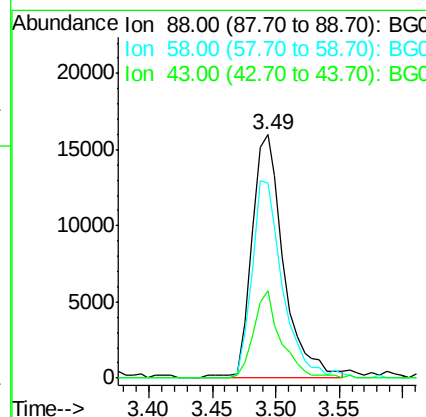
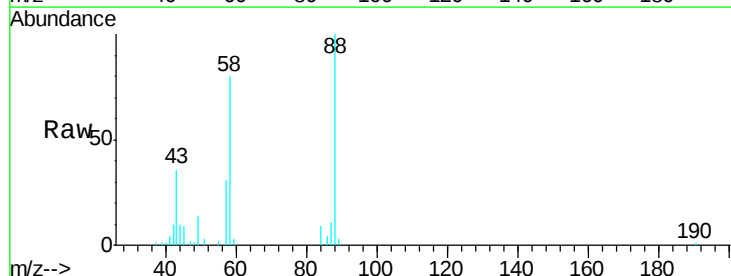
Tgt Ion:152 Resp: 31165
Ion Ratio Lower Upper
152 100
150 174.7 113.6 170.4#
115 60.6 45.9 68.9



#2

1,4-Dioxane
Concen: 42.343 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion: 88 Resp: 28063
Ion Ratio Lower Upper
88 100
58 77.5 60.2 90.2
43 30.7 22.7 34.1





#3

Pyridine

Concen: 45.215 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

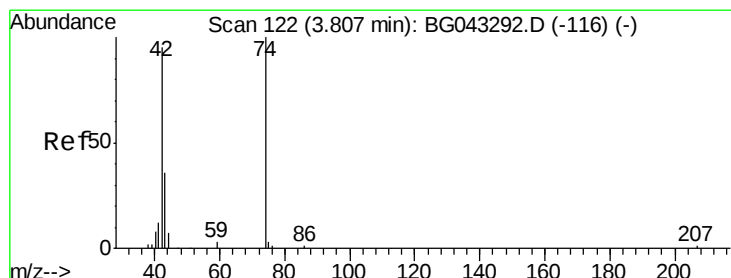
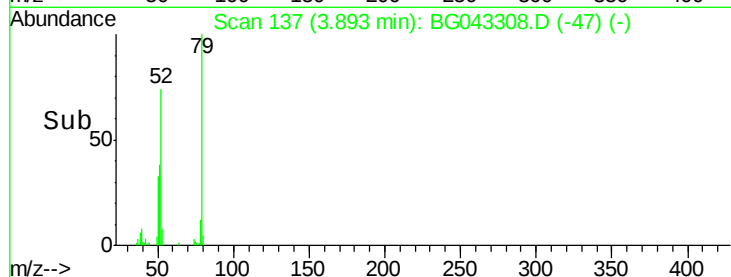
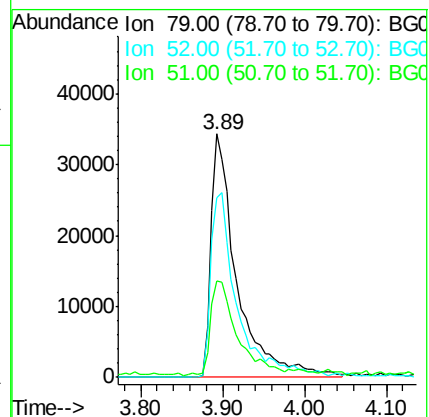
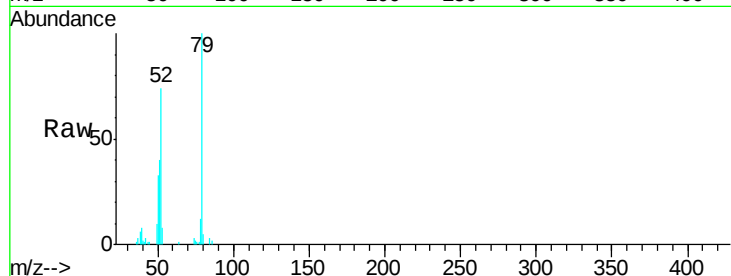
Tgt Ion: 79 Resp: 75593

Ion Ratio Lower Upper

79 100

52 73.5 59.7 89.5

51 39.8 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 40.762 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

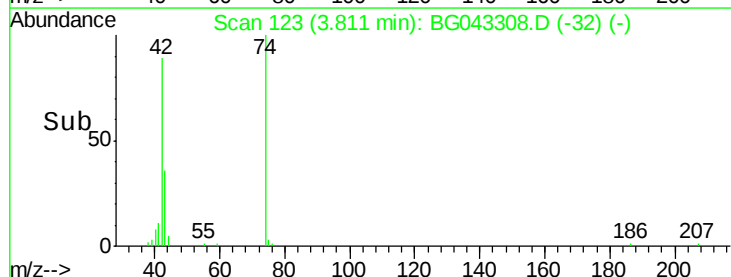
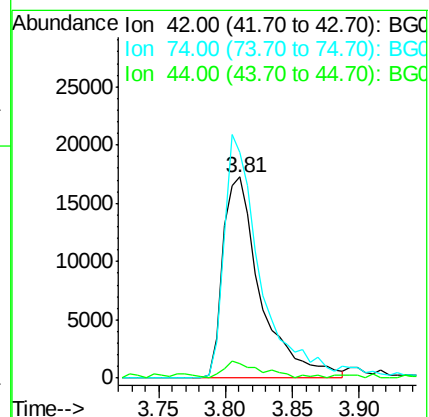
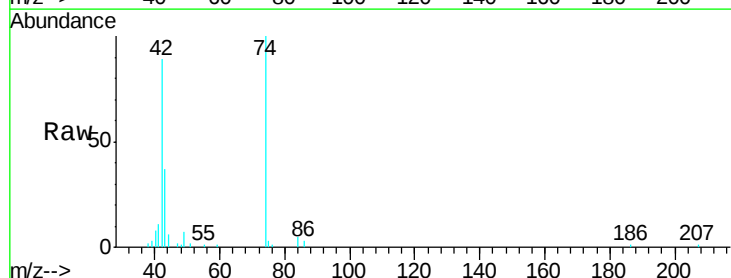
Tgt Ion: 42 Resp: 34388

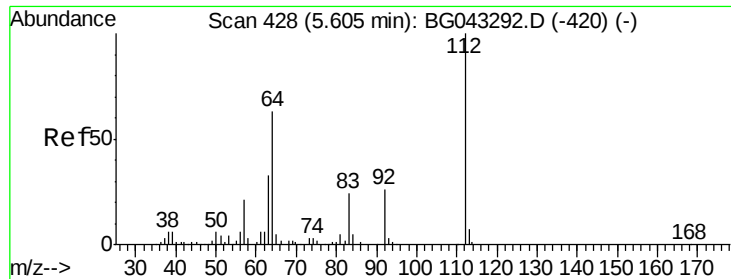
Ion Ratio Lower Upper

42 100

74 111.9 84.2 126.2

44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 83.160 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

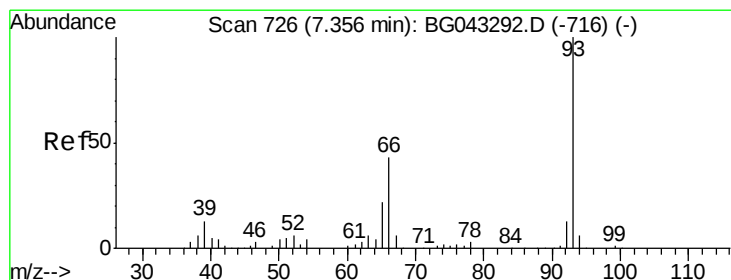
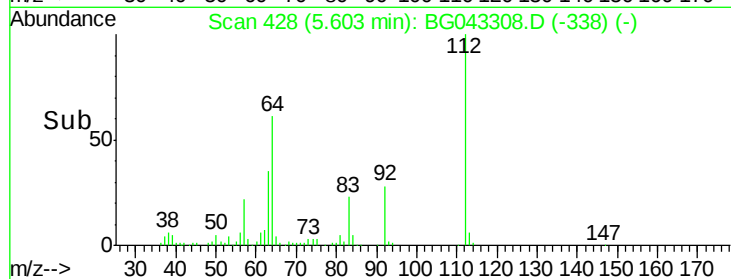
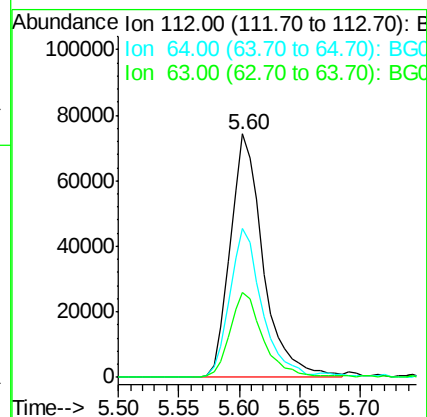
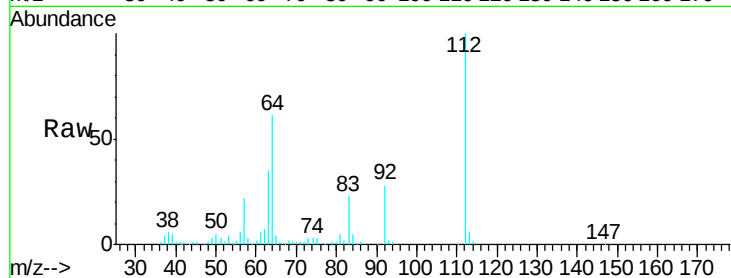
Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	141432
Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.2	75.2
63	34.9	26.7	40.1



#6

Aniline

Concen: 42.510 ng

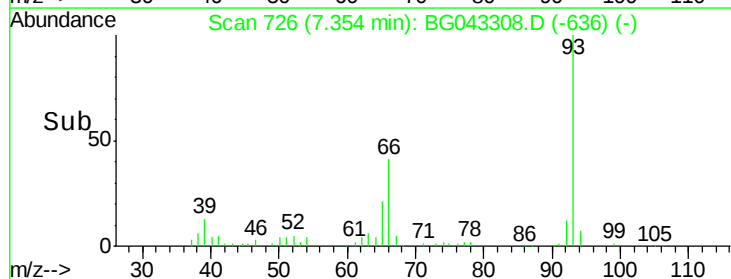
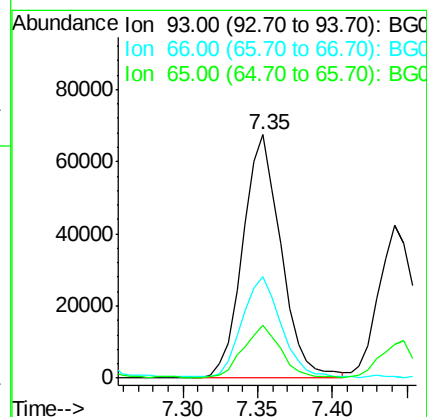
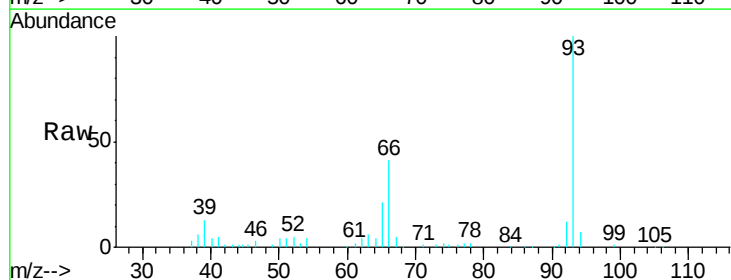
RT: 7.35 min Scan# 726

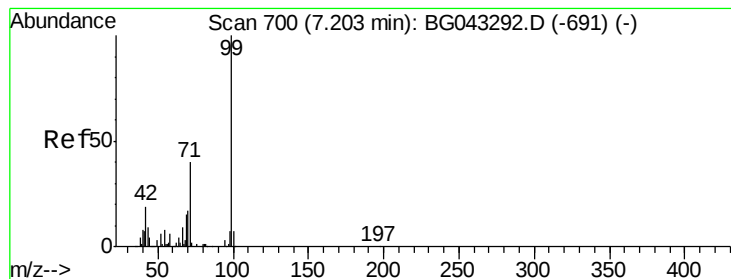
Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:	93	Resp:	119828
Ion	Ratio	Lower	Upper
93	100		
66	41.5	34.5	51.7
65	21.5	18.0	27.0





#7

Phenol-d6

Concen: 85.450 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

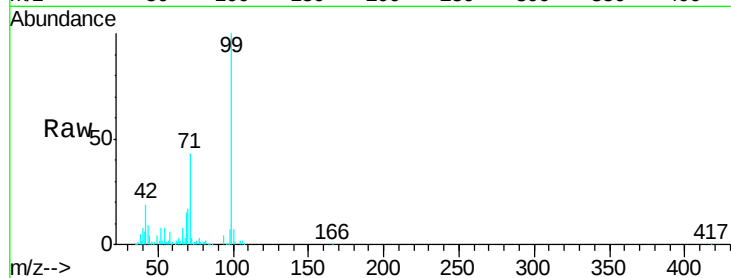
Tgt Ion: 99 Resp: 209093

Ion Ratio Lower Upper

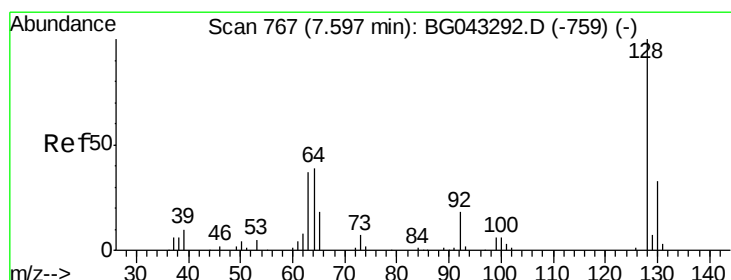
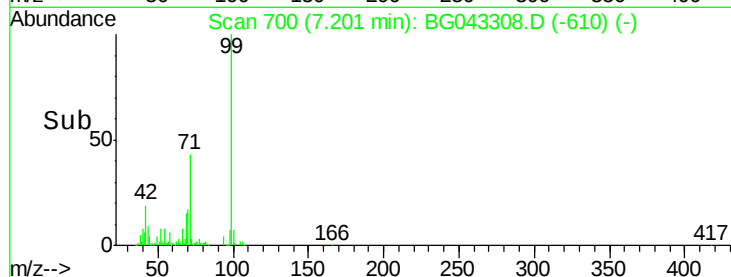
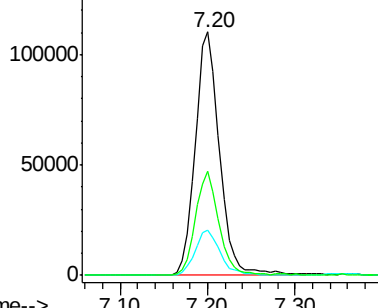
99 100

42 18.7 14.9 22.3

71 43.0 32.2 48.2



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: 42.201 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

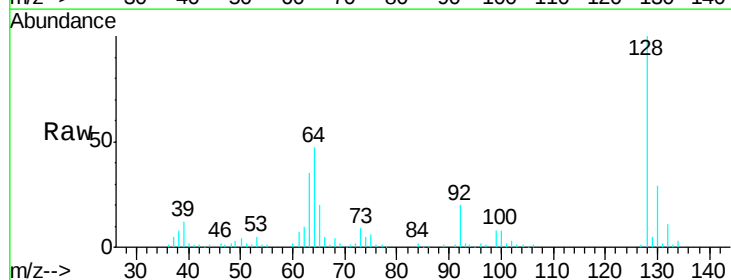
Tgt Ion: 128 Resp: 79229

Ion Ratio Lower Upper

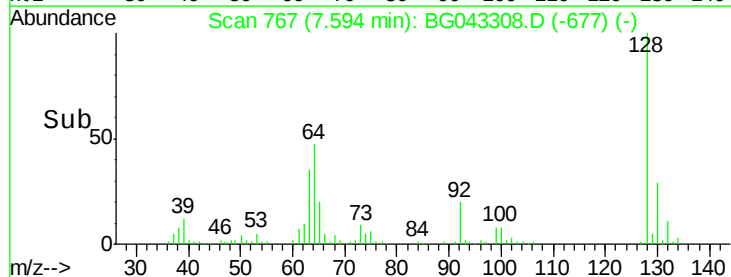
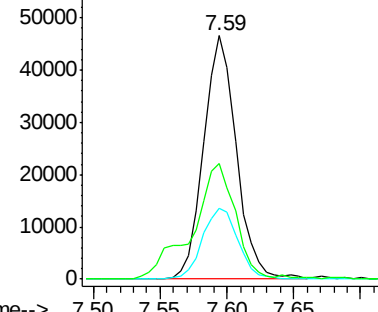
128 100

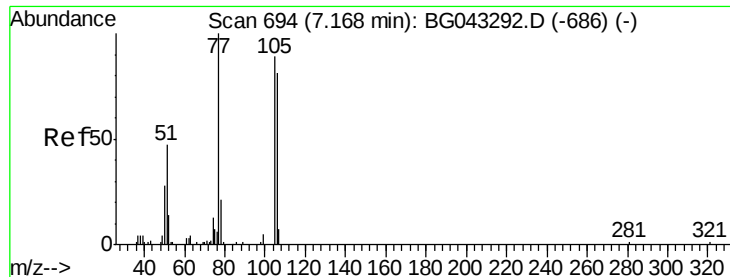
130 29.1 12.9 52.9

64 47.5 24.9 64.9



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





#9

Benzaldehyde

Concen: 42.165 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

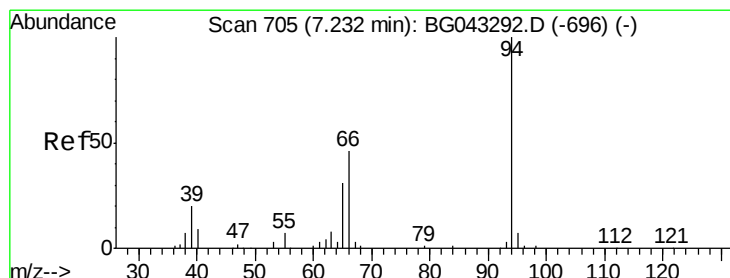
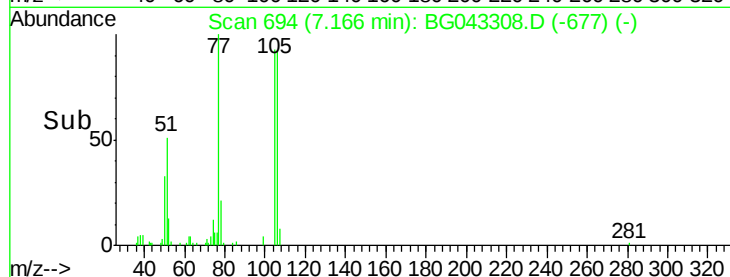
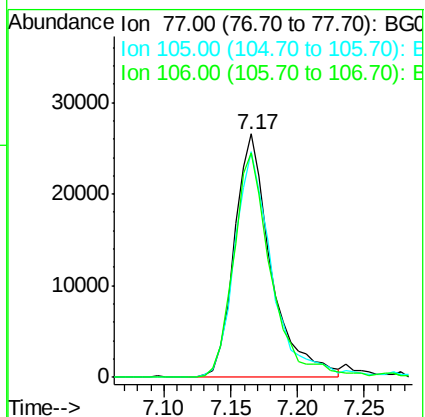
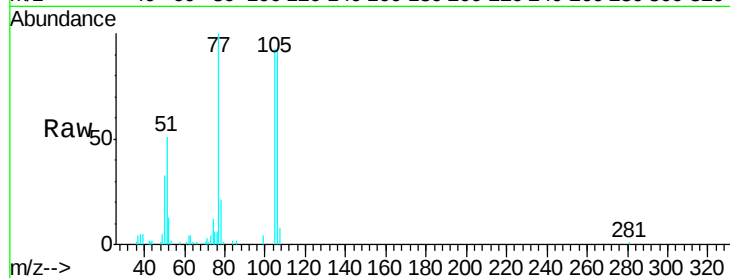
Tgt Ion: 77 Resp: 50705

Ion Ratio Lower Upper

77 100

105 92.7 68.7 108.7

106 92.3 60.5 100.5



#10

Phenol

Concen: 43.567 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

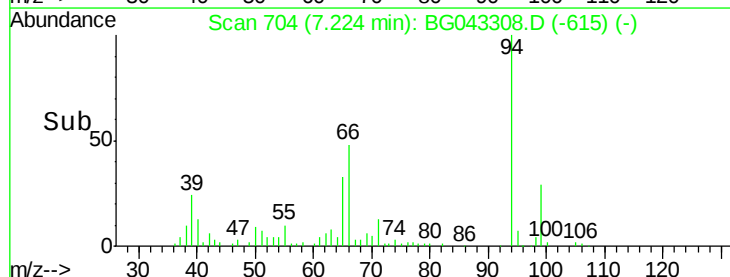
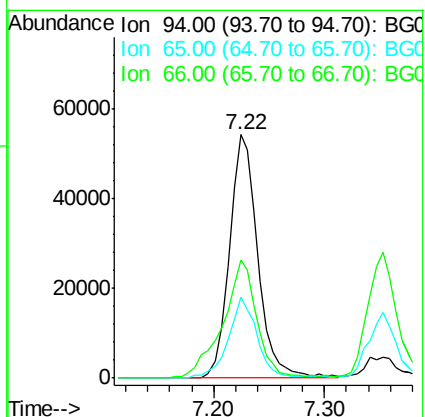
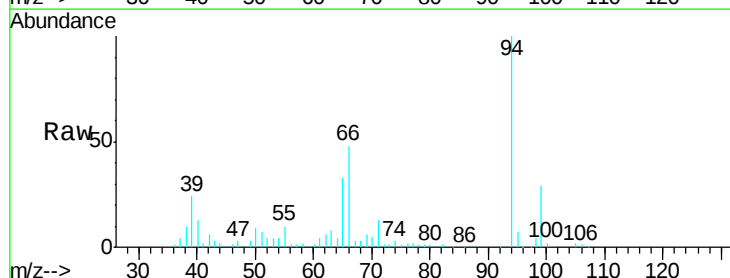
Tgt Ion: 94 Resp: 97416

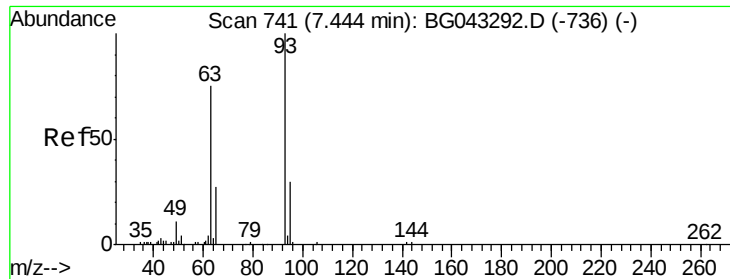
Ion Ratio Lower Upper

94 100

65 33.4 11.1 51.1

66 48.5 27.8 67.8



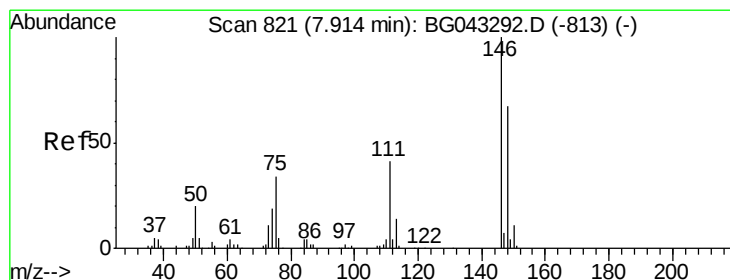
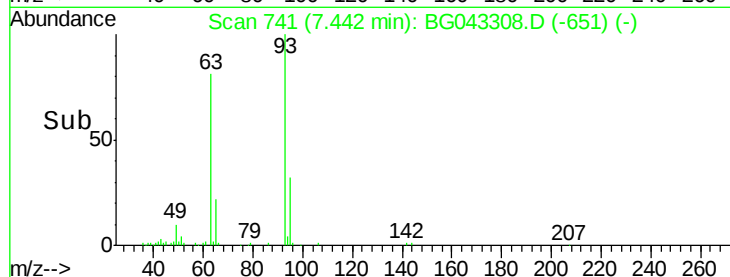
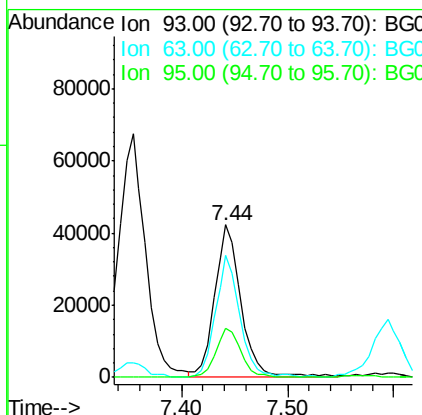
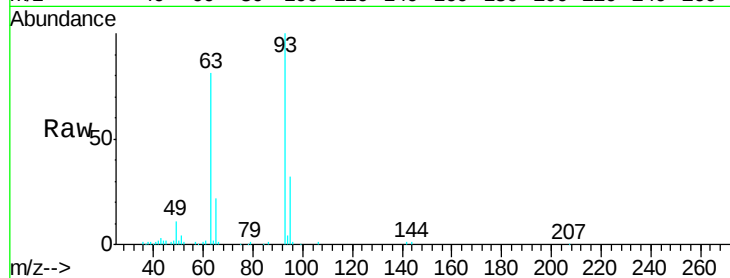


#11
bis(2-Chloroethyl)ether
Concen: 42.126 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 72825

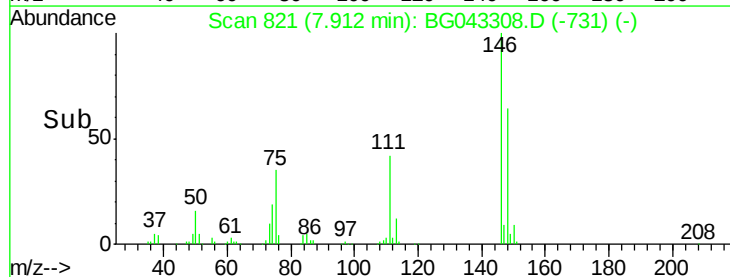
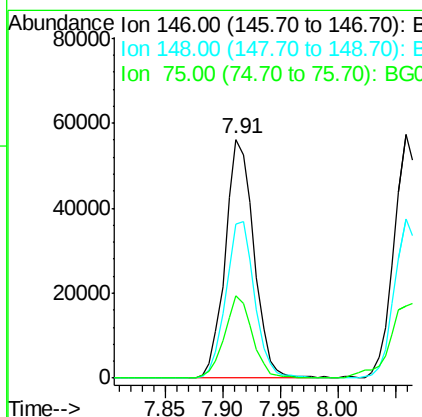
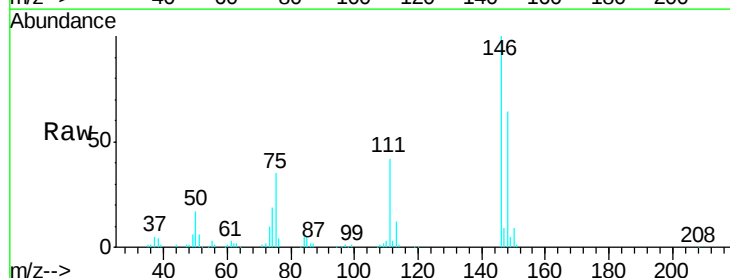
Ion	Ratio	Lower	Upper
93	100		
63	80.6	54.6	94.6
95	32.0	9.7	49.7

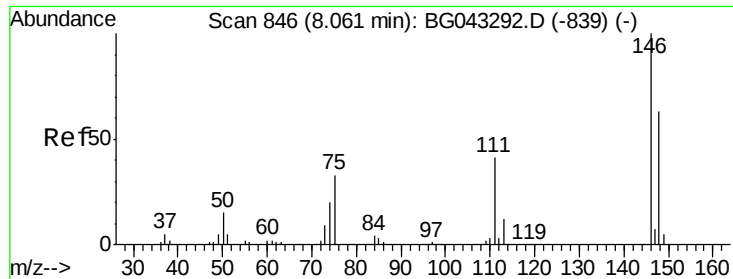


#12
1,3-Dichlorobenzene
Concen: 41.070 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion: 146 Resp: 96607

Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.2
75	34.6	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 40.690 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

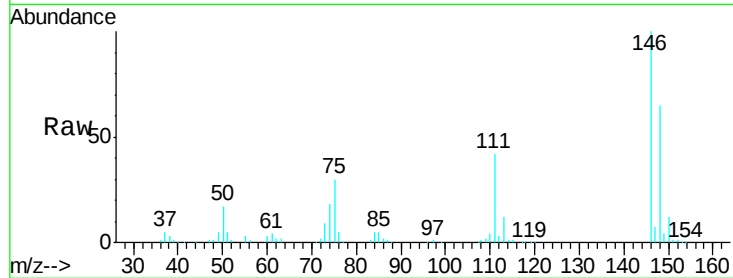
Tgt Ion:146 Resp: 96838

Ion Ratio Lower Upper

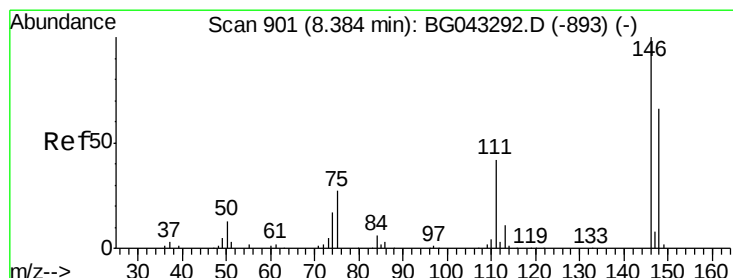
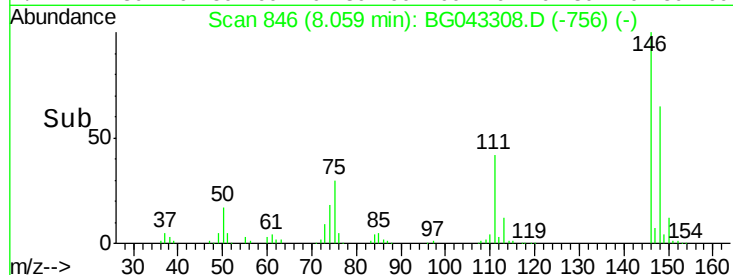
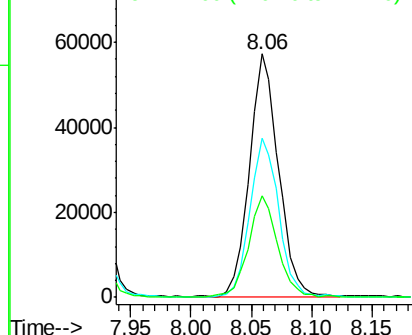
146 100

148 65.3 50.7 76.1

111 41.7 33.0 49.6



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



#14

1,2-Dichlorobenzene

Concen: 40.964 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

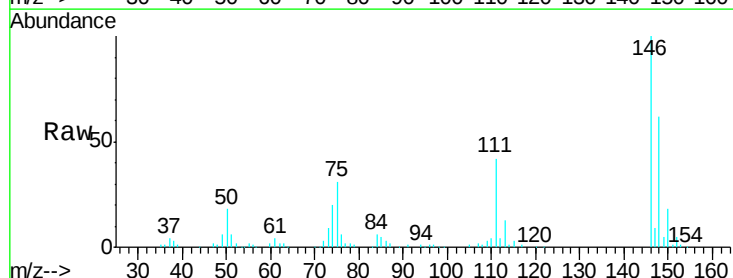
Tgt Ion:146 Resp: 95188

Ion Ratio Lower Upper

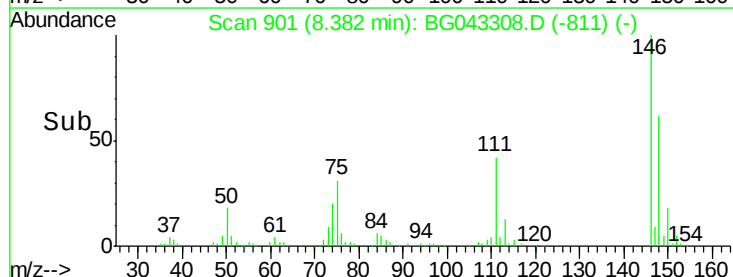
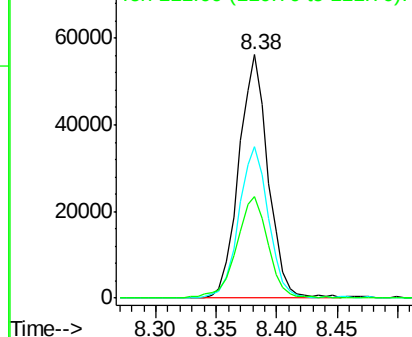
146 100

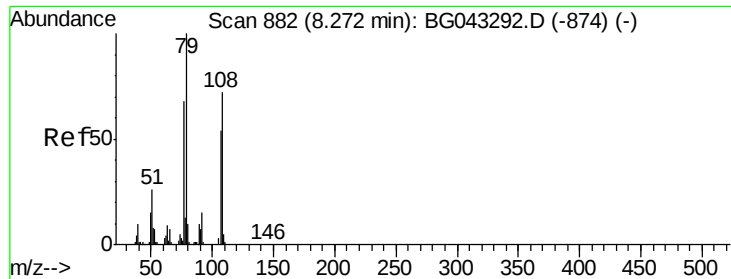
148 62.0 53.0 79.4

111 41.5 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 42.635 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

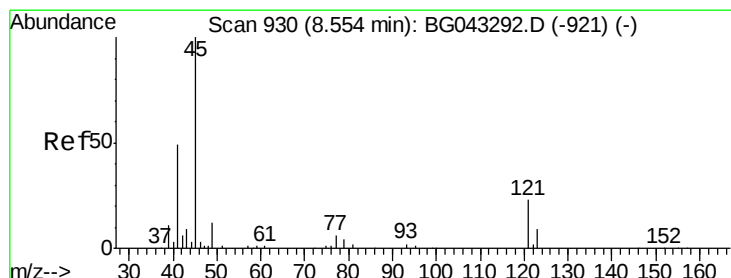
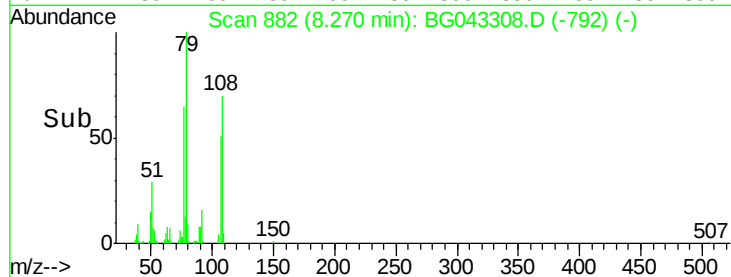
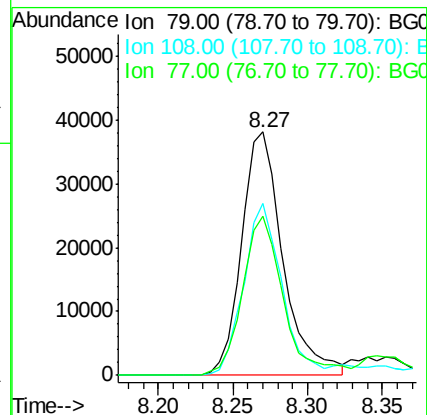
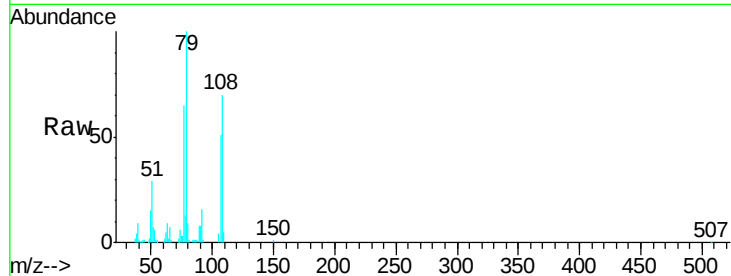
Tgt Ion: 79 Resp: 73269

Ion Ratio Lower Upper

79 100

108 70.4 57.3 85.9

77 65.5 54.6 81.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.473 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

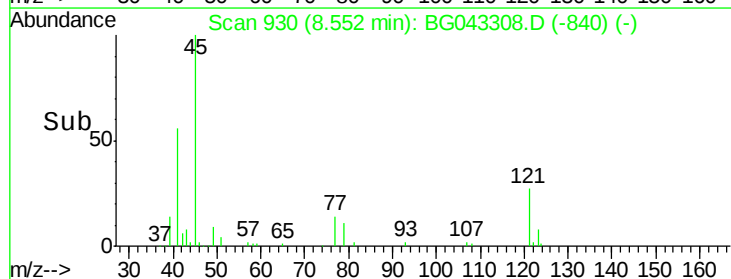
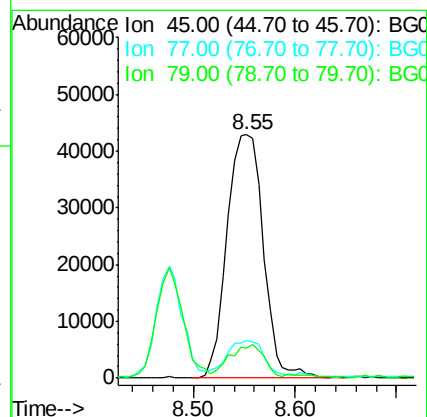
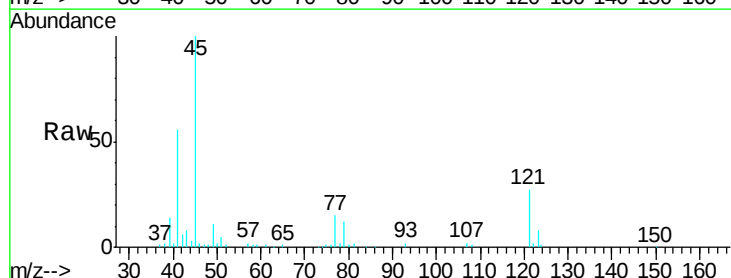
Tgt Ion: 45 Resp: 106766

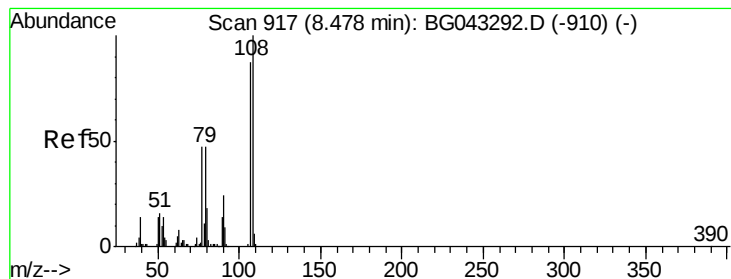
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.2

79 12.4 0.0 32.3





#17

2-Methylphenol

Concen: 41.043 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 66902

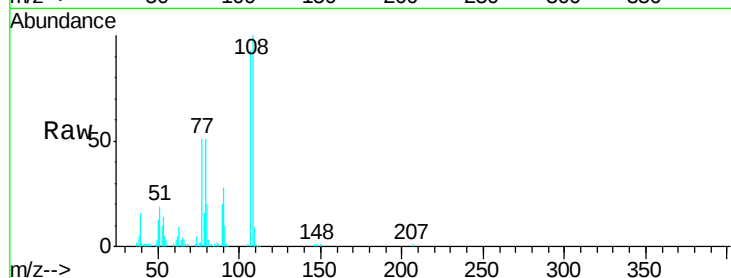
Ion Ratio Lower Upper

107 100

108 108.0 91.3 136.9

77 55.4 43.0 64.6

79 54.8 43.4 65.2

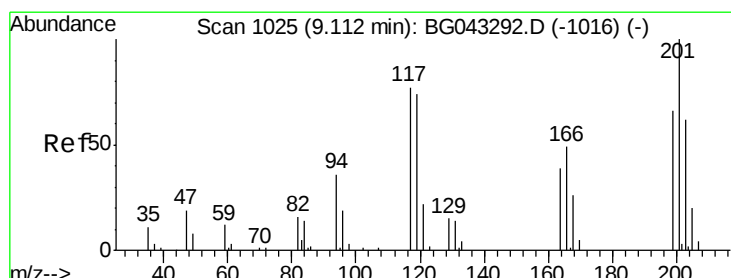
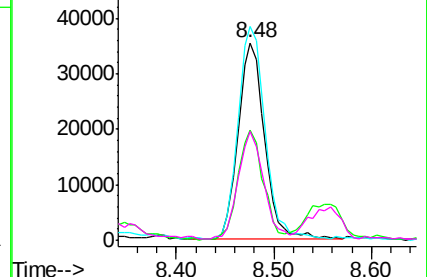
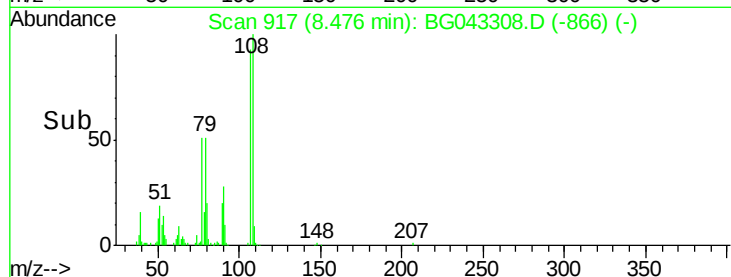


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.225 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

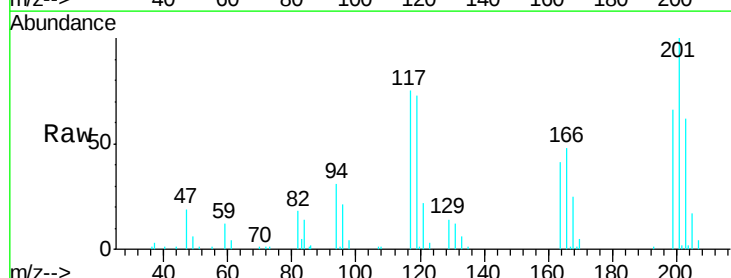
Tgt Ion:117 Resp: 36256

Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

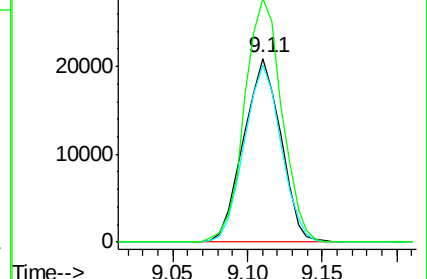
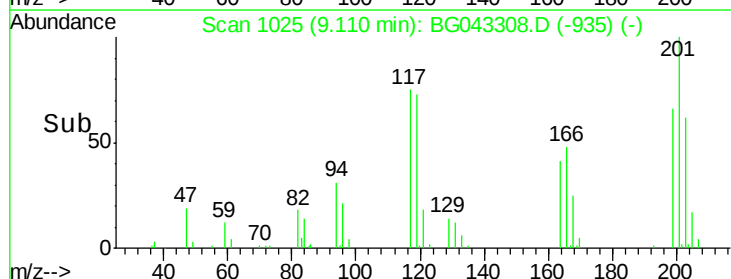
201 132.6 104.2 156.4

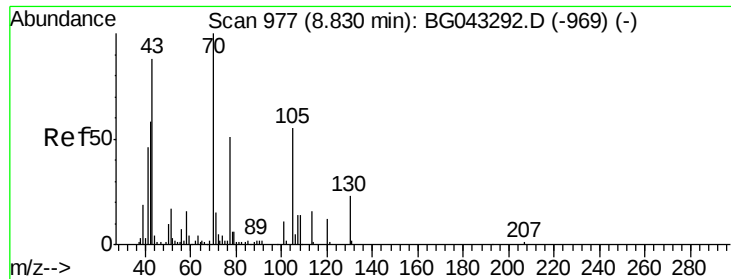


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

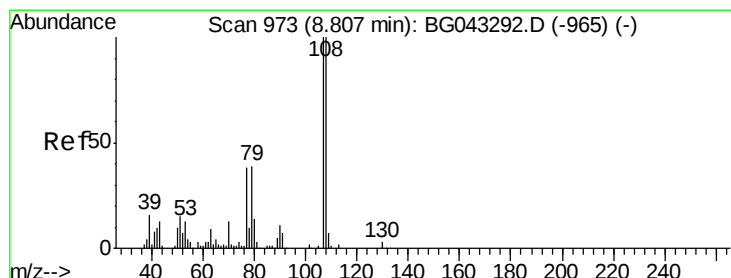
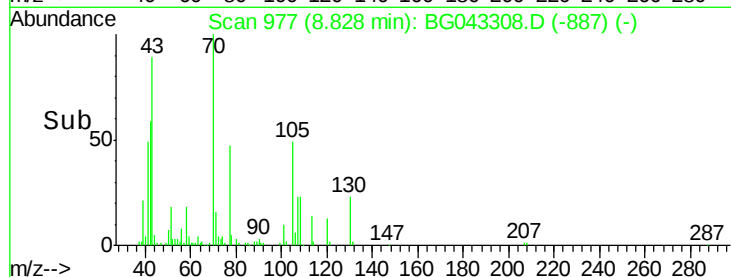
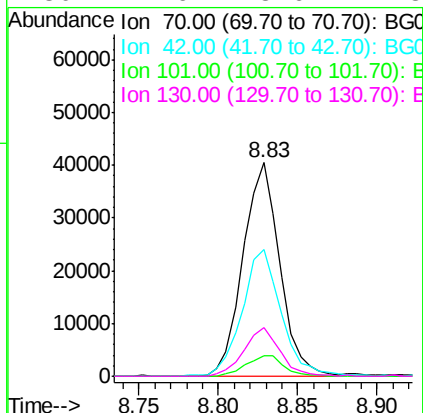
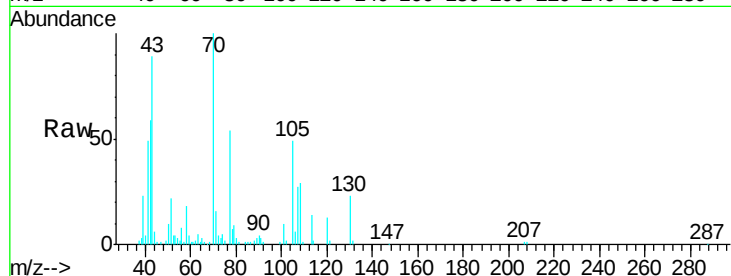




#19
n-Nitroso-di-n-propylamine
Concen: 41.284 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

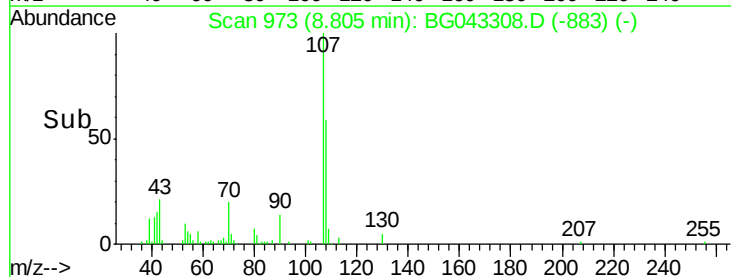
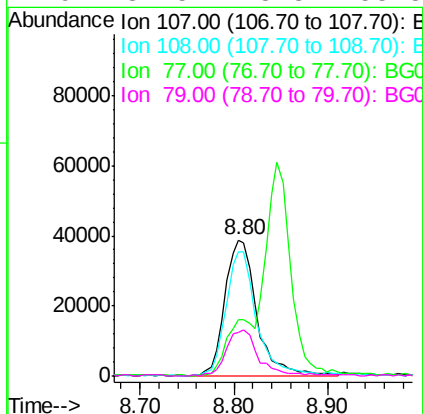
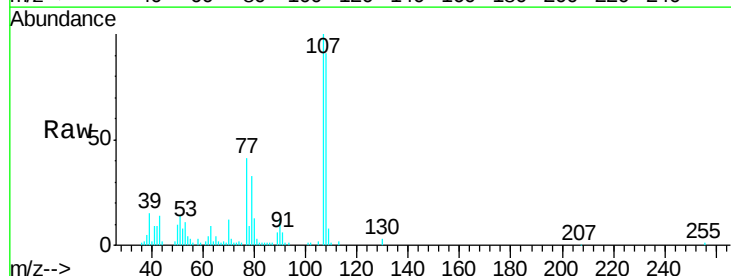
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

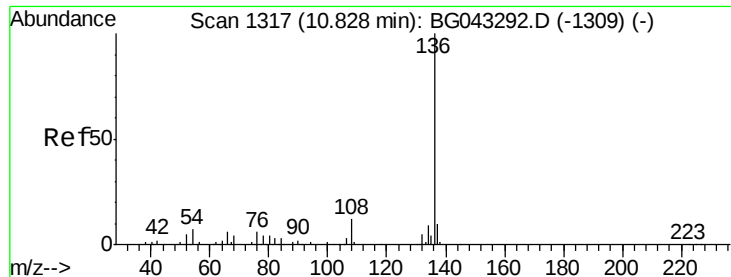
Tgt Ion:	70	Resp:	65277
Ion	Ratio	Lower	Upper
70	100		
42	59.2	46.2	69.2
101	9.8	8.6	13.0
130	22.6	18.6	27.8



#20
3+4-Methylphenols
Concen: 40.880 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:	107	Resp:	91375
Ion	Ratio	Lower	Upper
107	100		
108	90.9	80.3	120.3
77	41.4	18.2	58.2
79	32.5	18.8	58.8

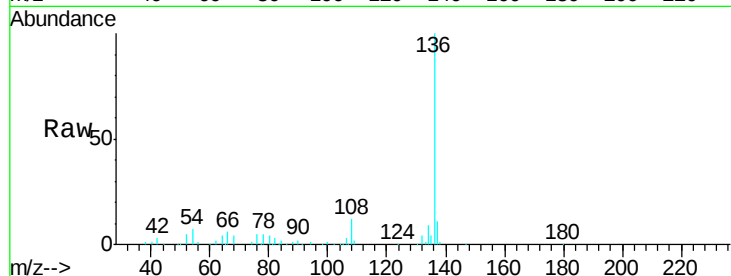




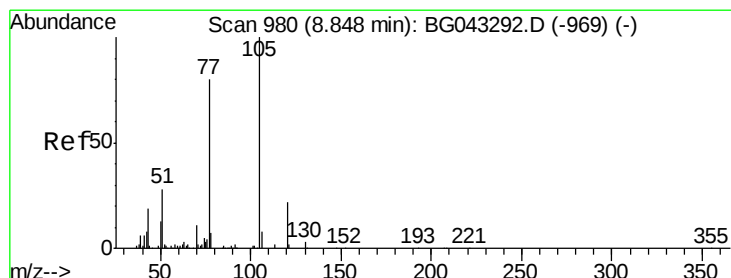
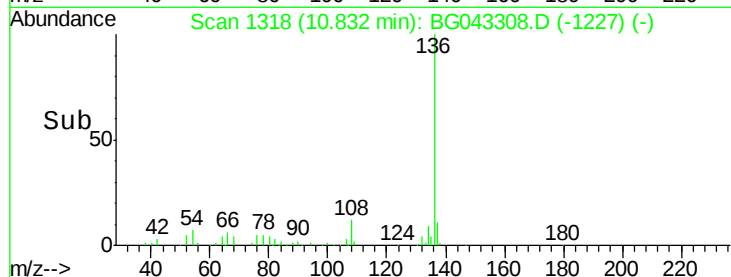
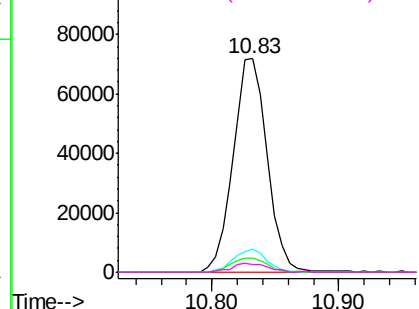
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	132501
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	6.9	5.4	8.2
68	3.9	3.3	4.9

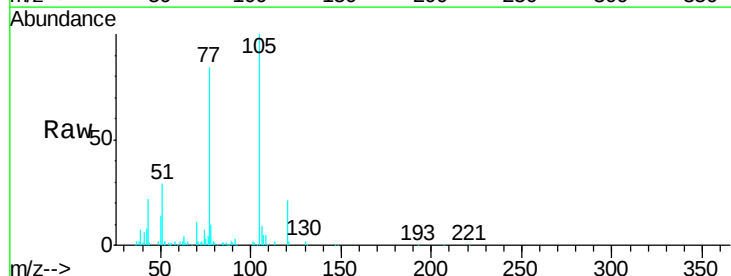


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

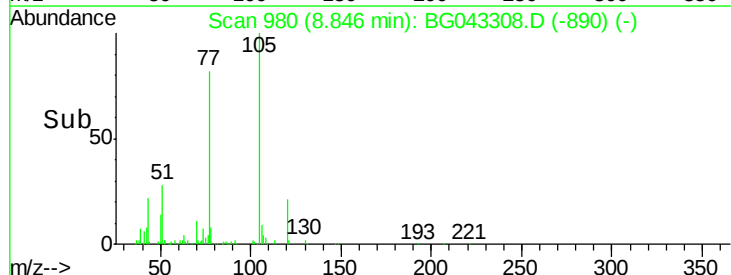
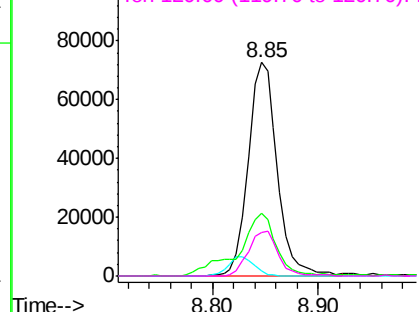


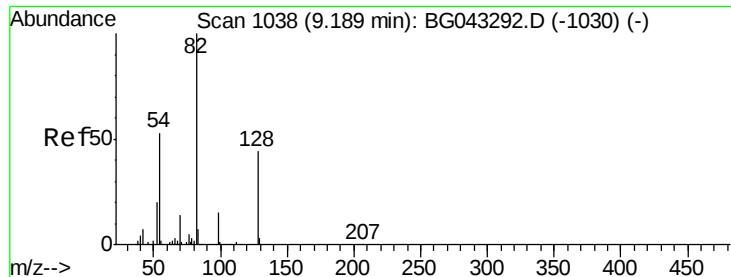
#22
Acetophenone
Concen: 40.811 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:	105	Resp:	138479
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.5	2.3#
51	29.1	23.9	35.9
120	20.7	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

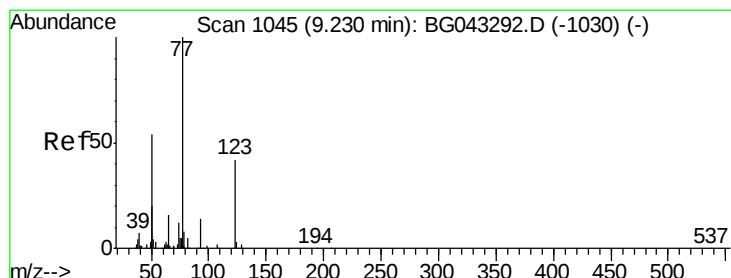
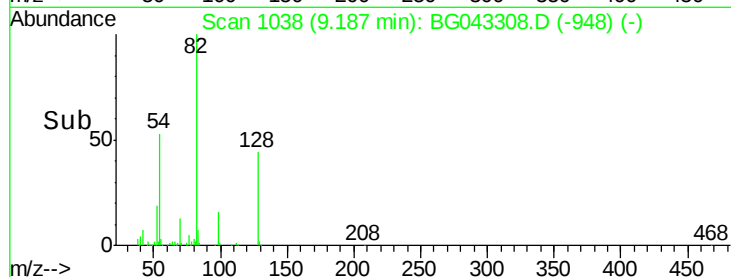
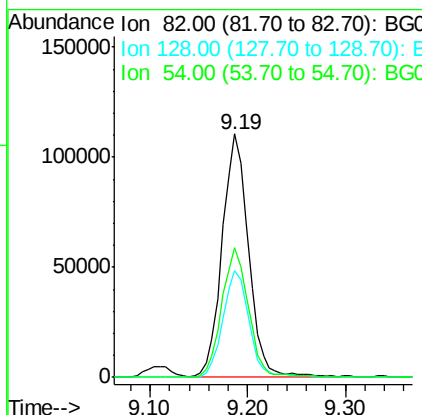
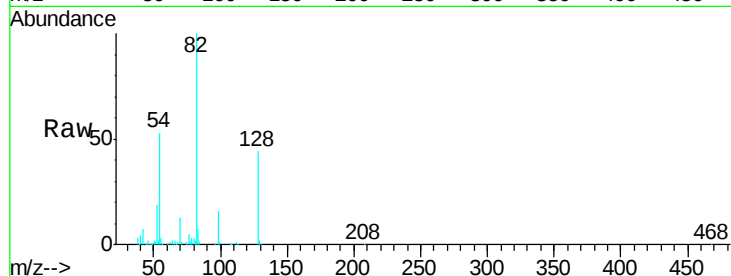




#23
 Nitrobenzene-d5
 Concen: 80.826 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

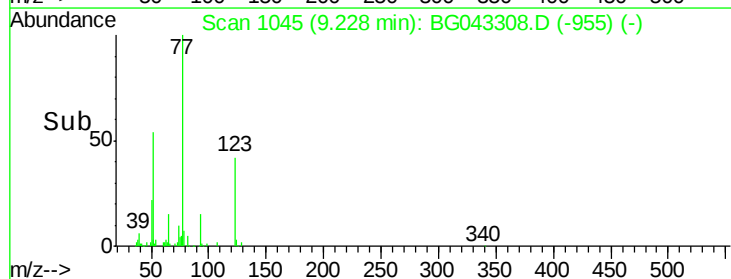
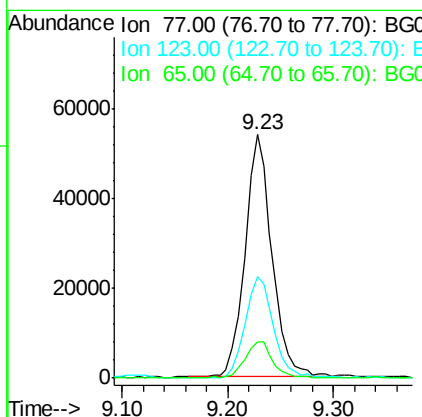
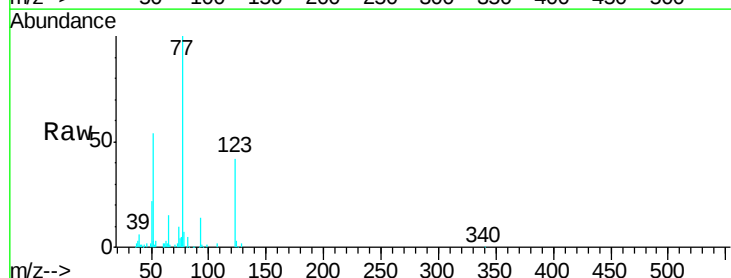
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

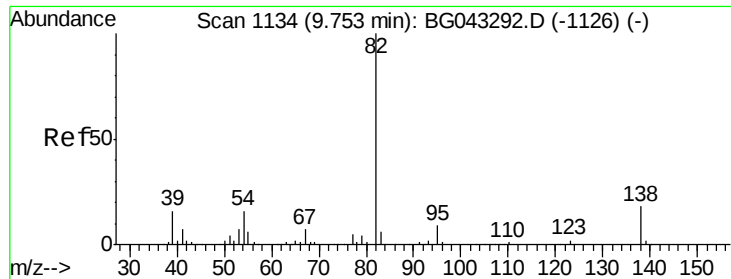
Tgt Ion: 82 Resp: 207733
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.3 52.9
 54 53.0 42.3 63.5



#24
 Nitrobenzene
 Concen: 39.045 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion: 77 Resp: 95594
 Ion Ratio Lower Upper
 77 100
 123 41.8 33.8 50.8
 65 14.7 13.0 19.4





#25

Isophorone

Concen: 40.790 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

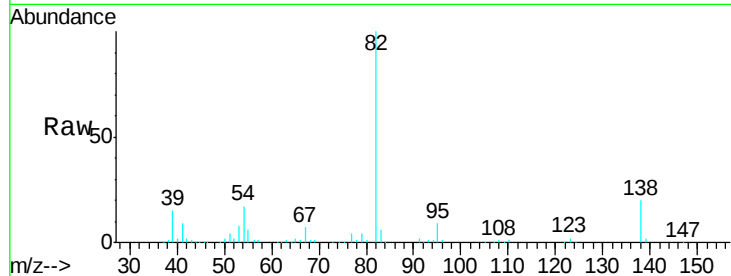
Tgt Ion: 82 Resp: 191669

Ion Ratio Lower Upper

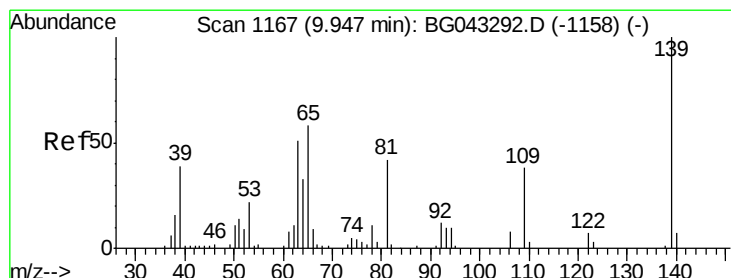
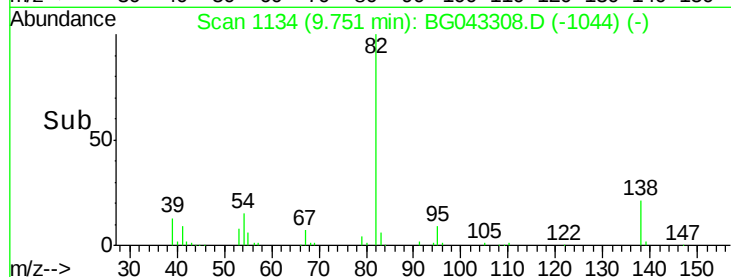
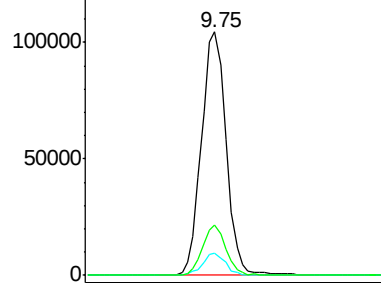
82 100

95 9.0 6.9 10.3

138 20.4 14.2 21.2



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: 39.200 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

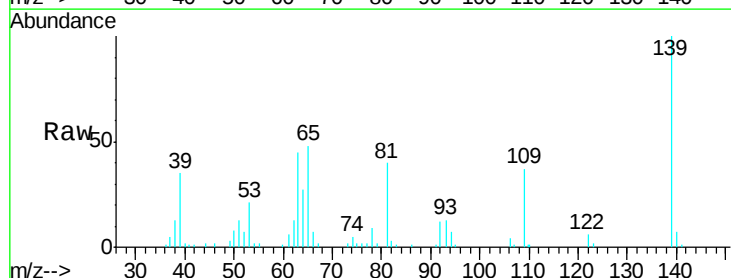
Tgt Ion: 139 Resp: 46335

Ion Ratio Lower Upper

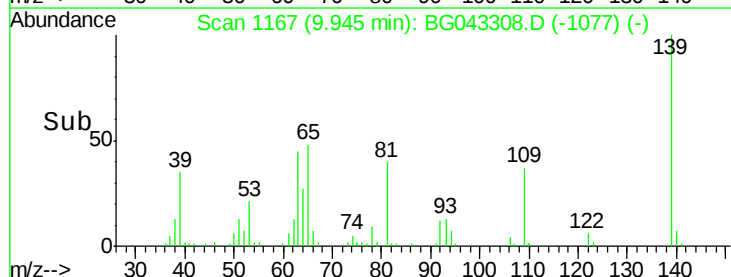
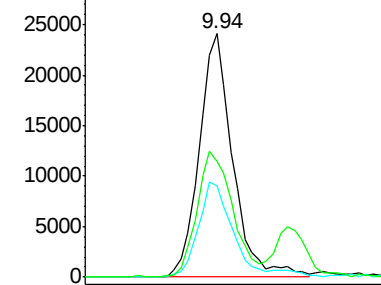
139 100

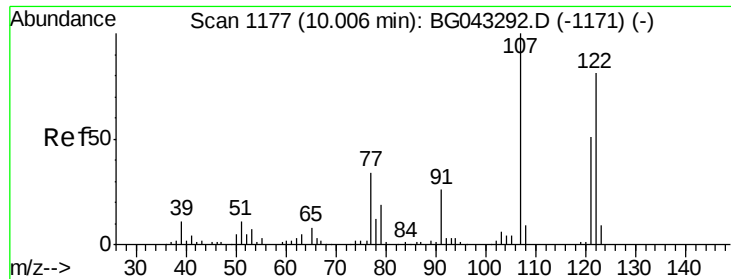
109 37.4 30.1 45.1

65 47.5 46.1 69.1



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

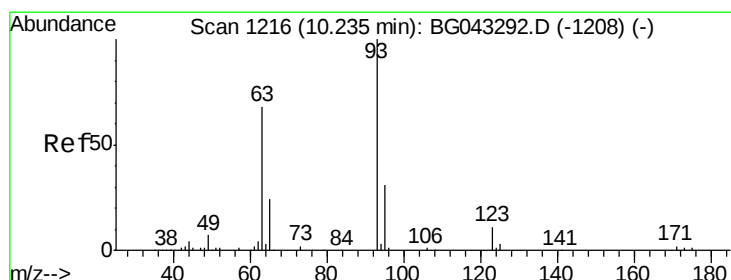
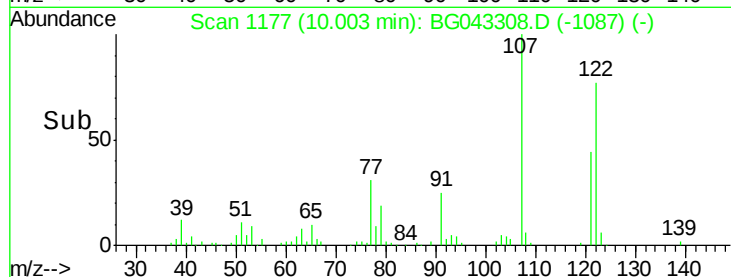
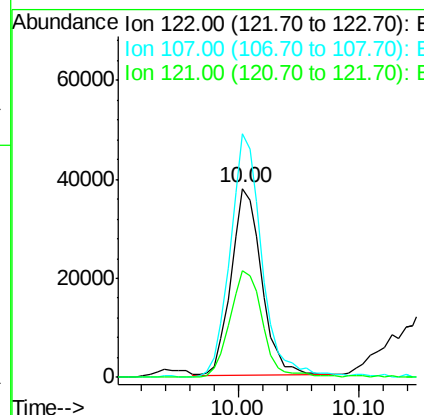
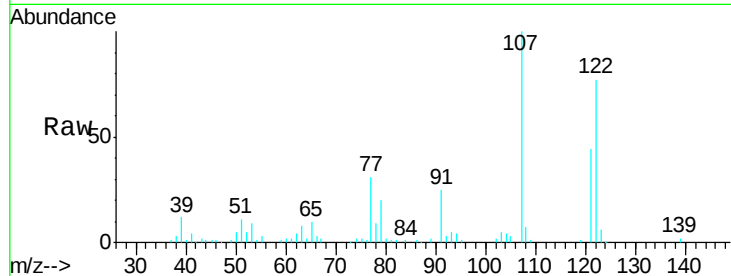




#27
 2,4-Dimethylphenol
 Concen: 39.102 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

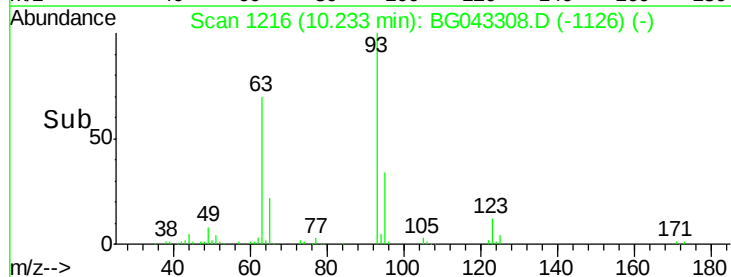
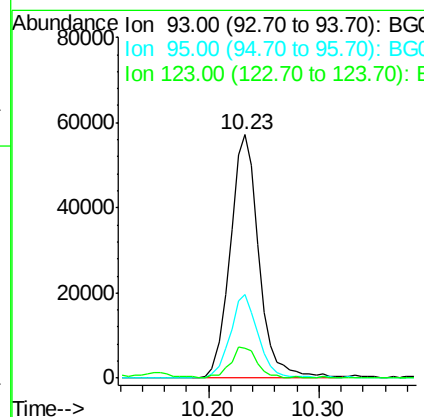
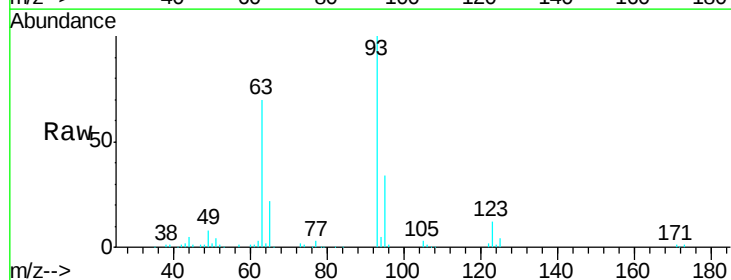
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

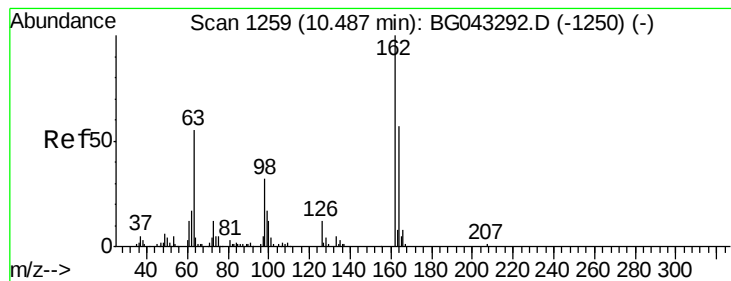
Tgt Ion: 122 Resp: 66245
 Ion Ratio Lower Upper
 122 100
 107 129.0 98.6 147.8
 121 56.4 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.082 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion: 93 Resp: 103948
 Ion Ratio Lower Upper
 93 100
 95 34.1 24.9 37.3
 123 12.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 40.390 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

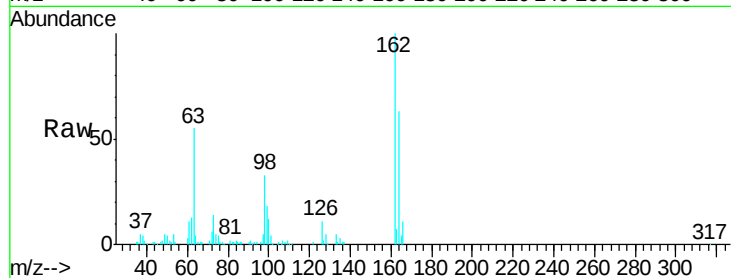
Tgt Ion:162 Resp: 87672

Ion Ratio Lower Upper

162 100

164 63.4 37.3 77.3

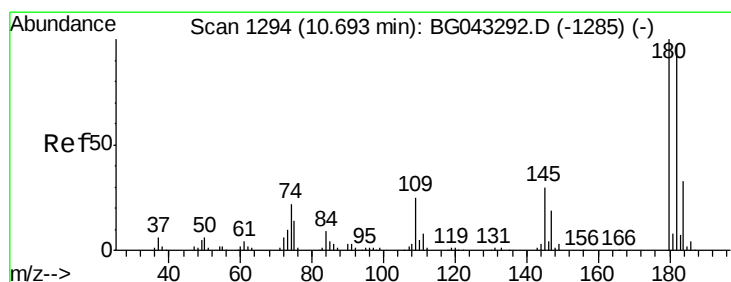
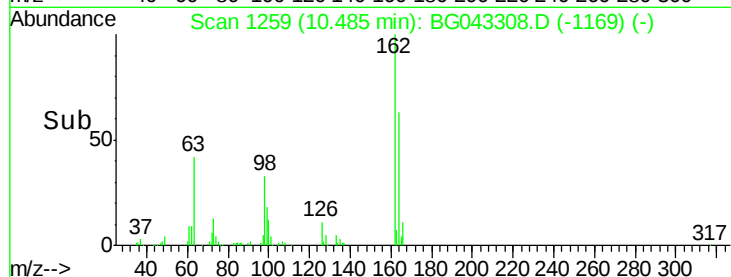
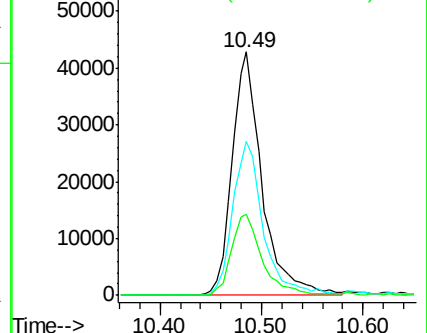
98 33.4 11.8 51.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.358 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

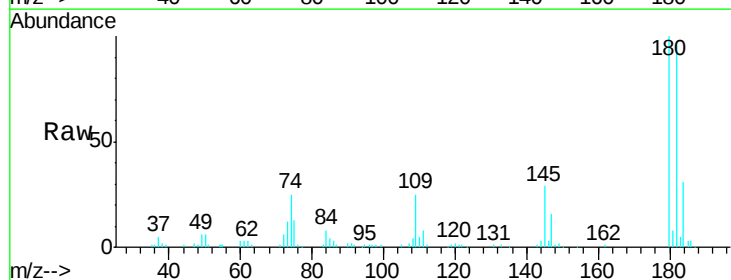
Tgt Ion:180 Resp: 107675

Ion Ratio Lower Upper

180 100

182 96.3 77.8 116.8

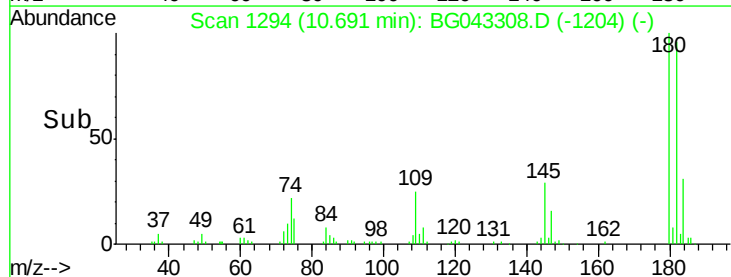
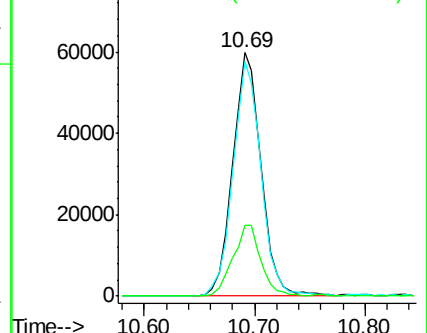
145 29.1 23.6 35.4

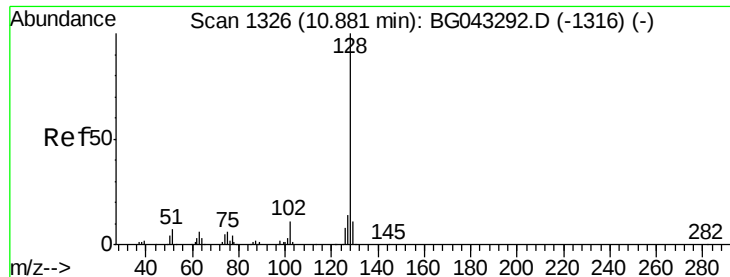


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

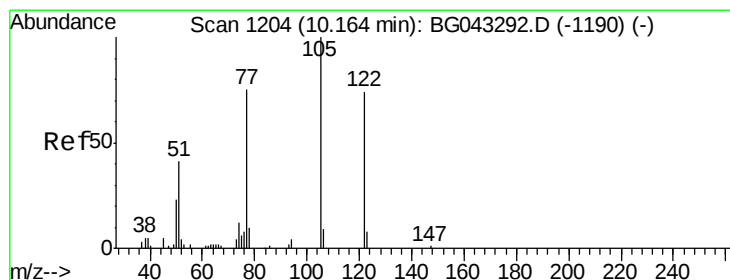
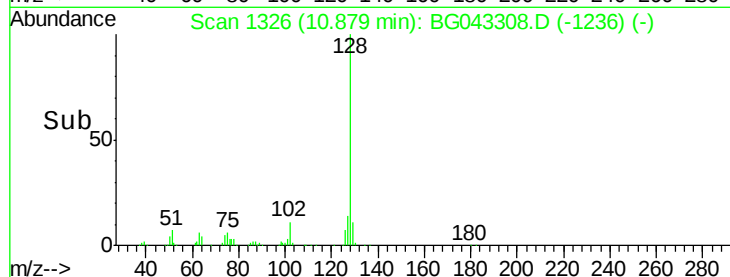
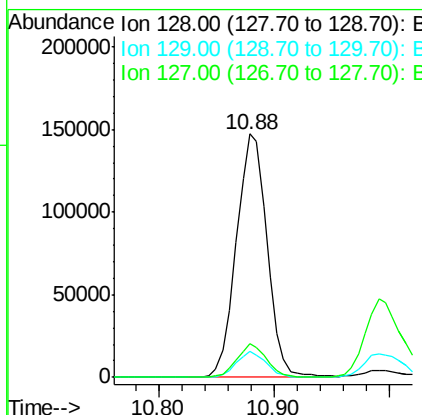
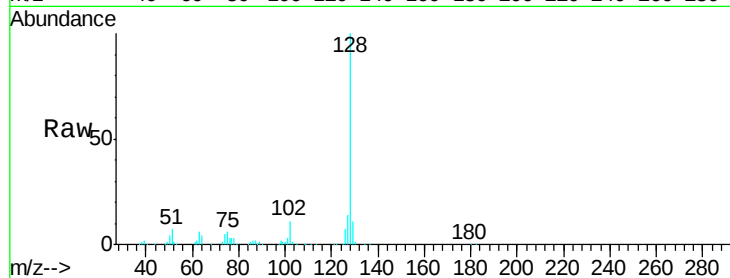




#31
Naphthalene
Concen: 40.350 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

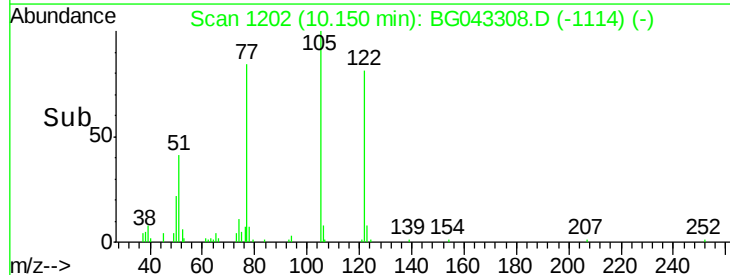
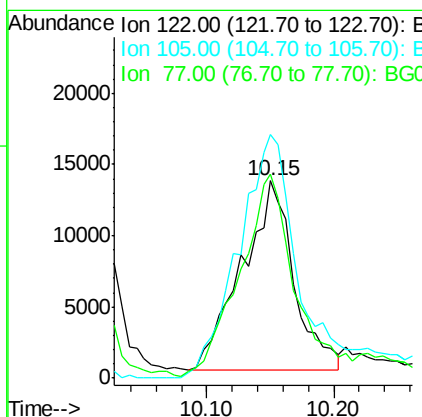
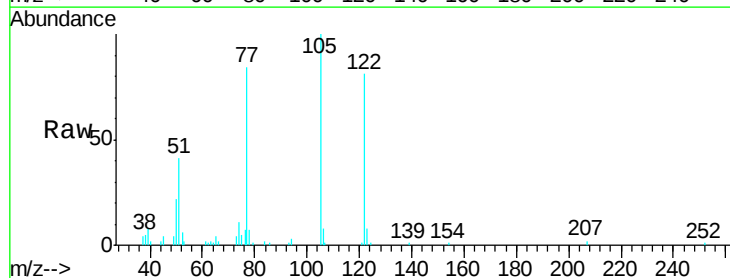
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

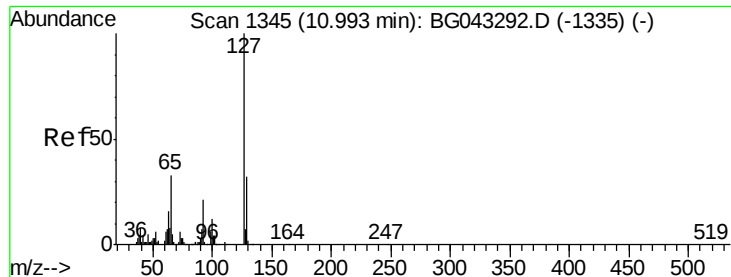
Tgt Ion:128 Resp: 271384
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.6 11.5 17.3



#32
Benzoic acid
Concen: 32.694 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:122 Resp: 37692
Ion Ratio Lower Upper
122 100
105 123.6 112.4 152.4
77 103.6 82.7 122.7

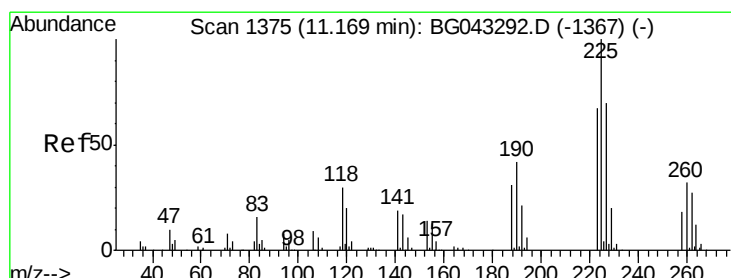
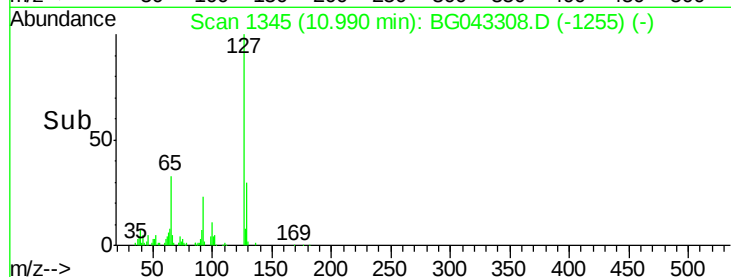
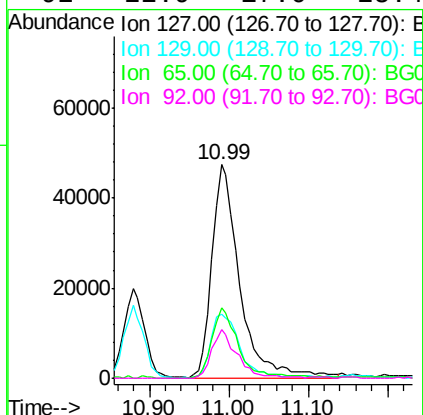
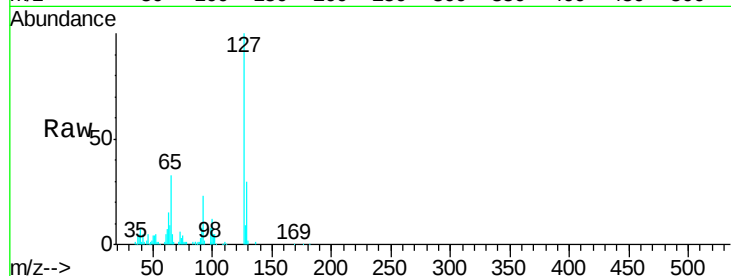




#33
4-Chloroaniline
Concen: 42.129 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

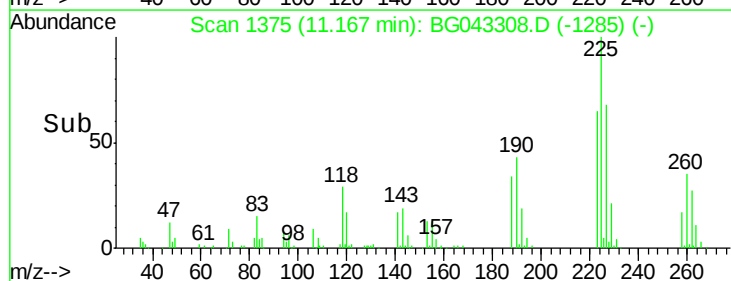
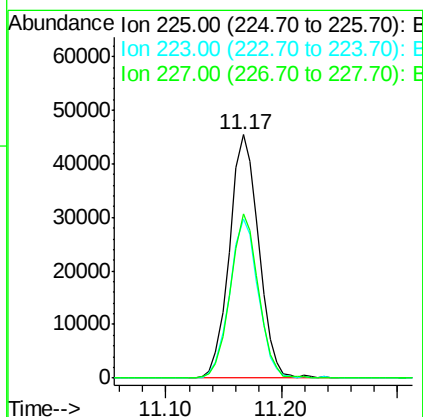
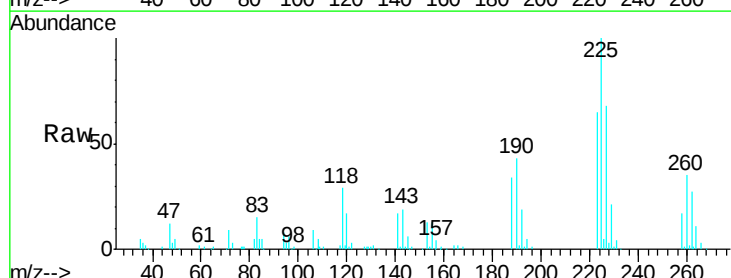
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

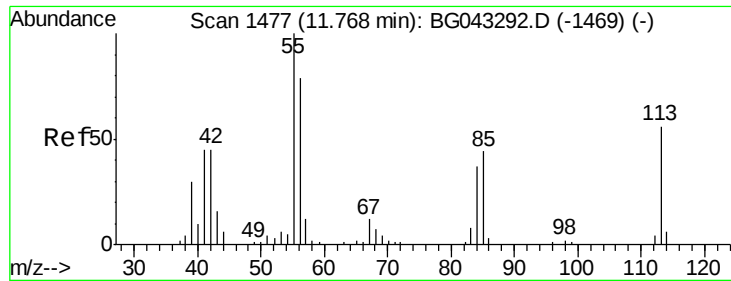
Tgt Ion:	127	Resp:	116148
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.8	38.8
65	32.8	26.2	39.2
92	22.9	17.0	25.4



#34
Hexachlorobutadiene
Concen: 39.267 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:	225	Resp:	79413
Ion	Ratio	Lower	Upper
225	100		
223	65.3	53.2	79.8
227	67.7	56.2	84.2





#35

Caprolactam

Concen: 42.767 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

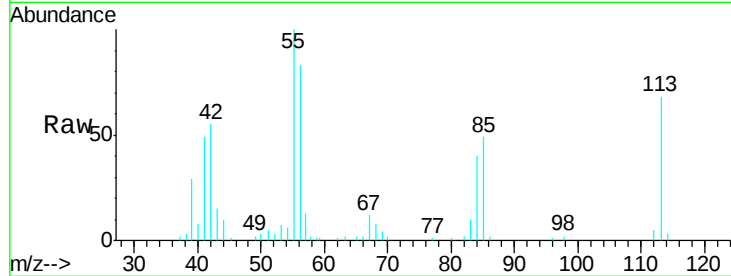
Tgt Ion:113 Resp: 31972

Ion Ratio Lower Upper

113 100

55 148.1 158.9 198.9#

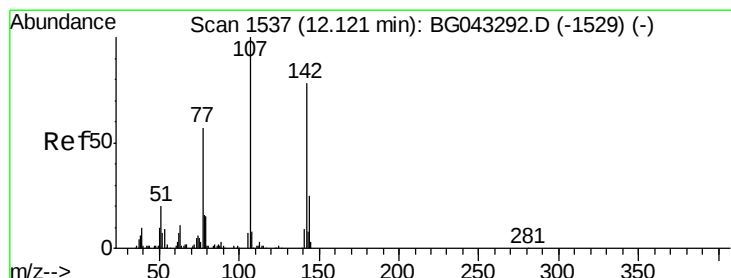
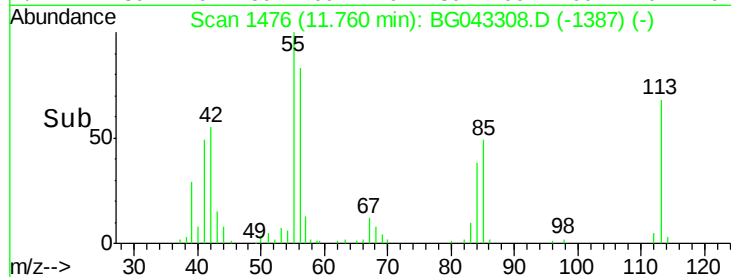
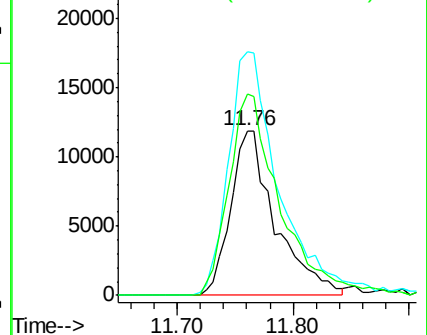
56 122.6 121.4 161.4



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: 40.900 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

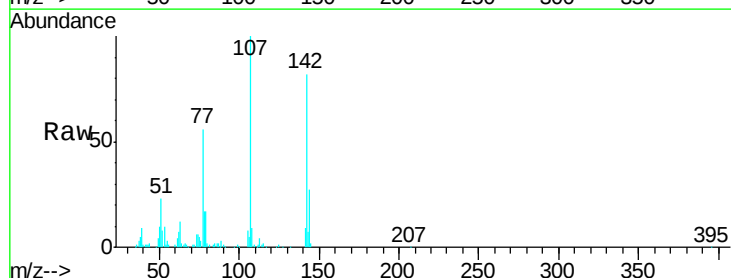
Tgt Ion:107 Resp: 96839

Ion Ratio Lower Upper

107 100

144 26.6 19.9 29.9

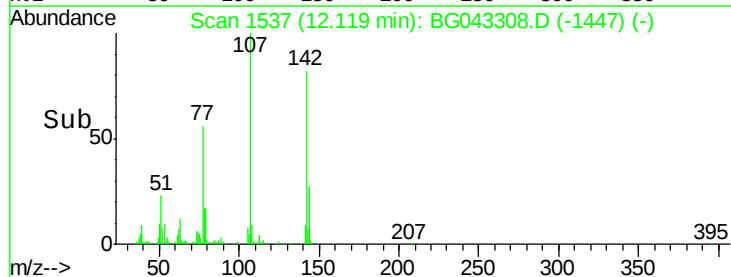
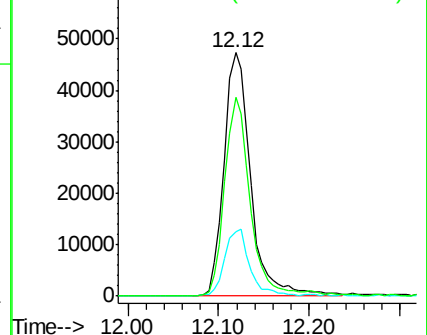
142 81.6 62.1 93.1

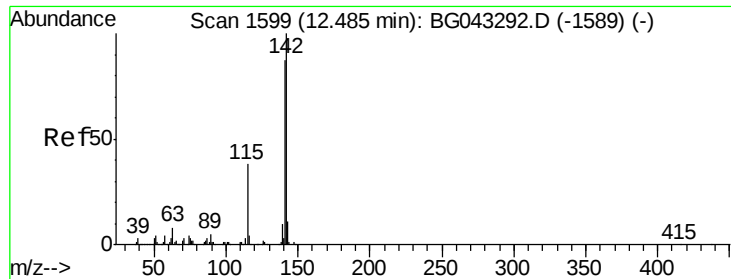


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

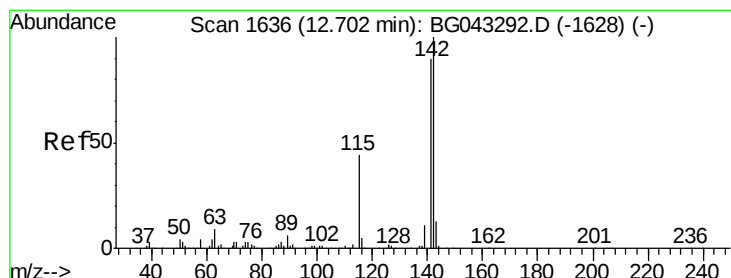
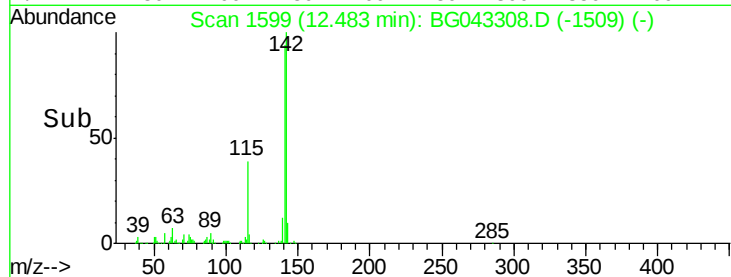
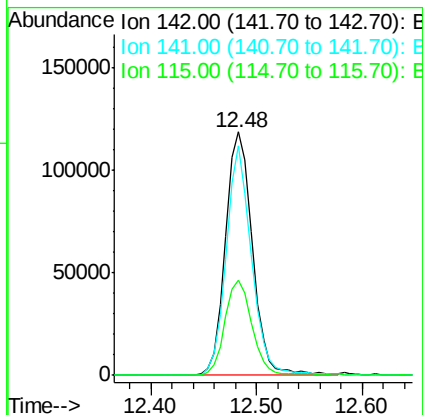
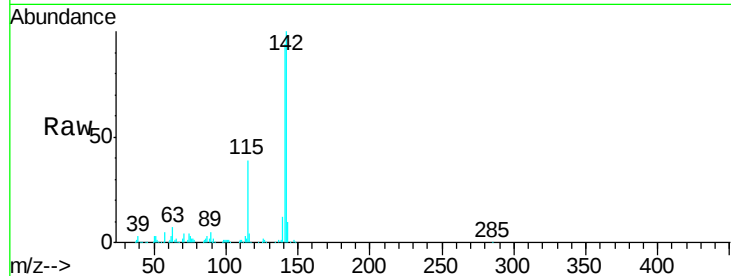




#37
2-Methylnaphthalene
Concen: 40.670 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

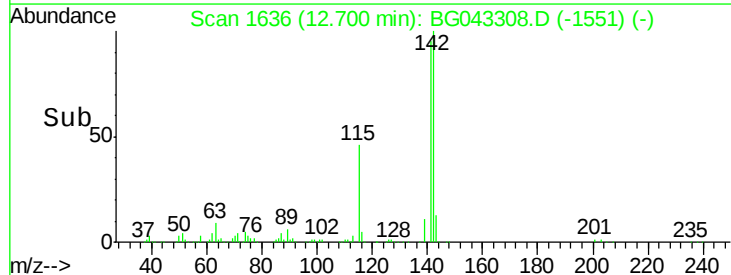
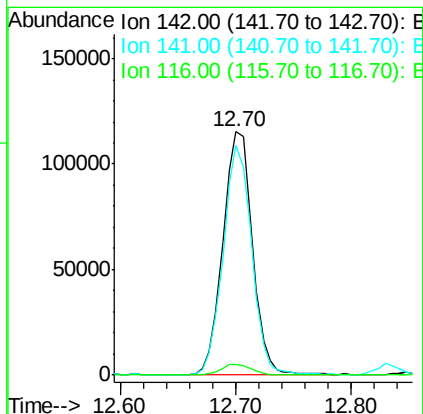
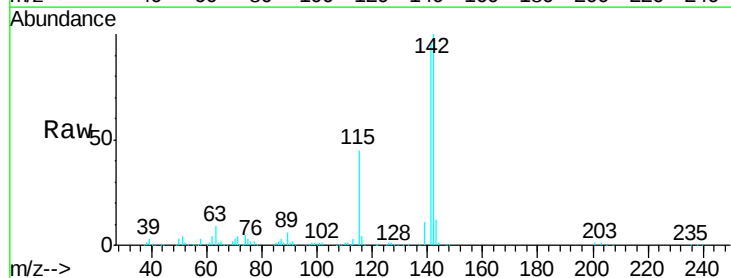
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

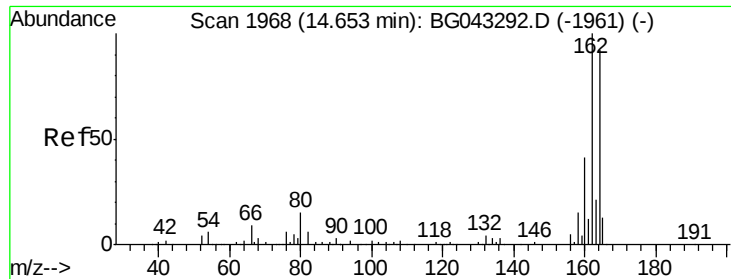
Tgt Ion:142 Resp: 209875
Ion Ratio Lower Upper
142 100
141 94.2 69.7 104.5
115 39.2 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.382 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:142 Resp: 203188
Ion Ratio Lower Upper
142 100
141 94.5 72.3 108.5
116 4.5 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

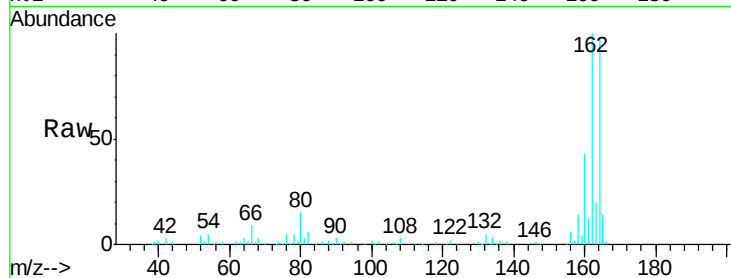
Tgt Ion:164 Resp: 98980

Ion Ratio Lower Upper

164 100

162 102.3 87.0 130.4

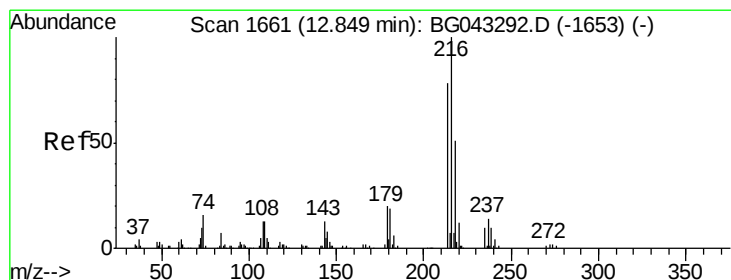
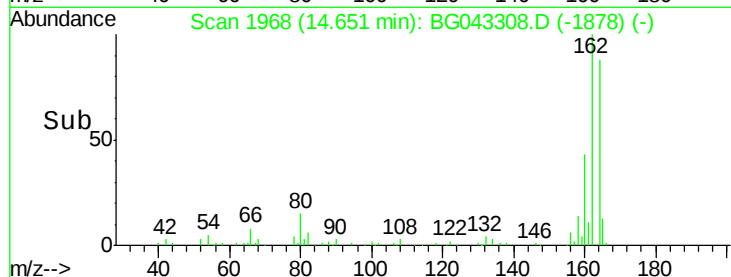
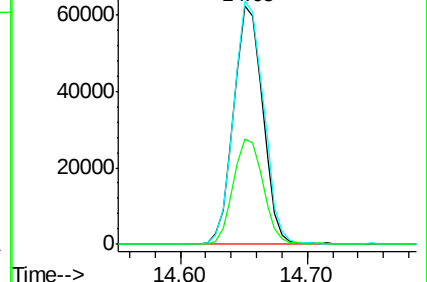
160 44.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.011 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Tgt Ion:216 Resp: 150228

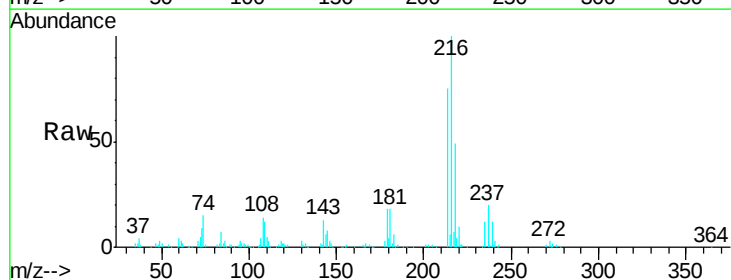
Ion Ratio Lower Upper

216 100

214 78.2 63.5 95.3

179 18.3 16.2 24.2

108 14.5 11.2 16.8

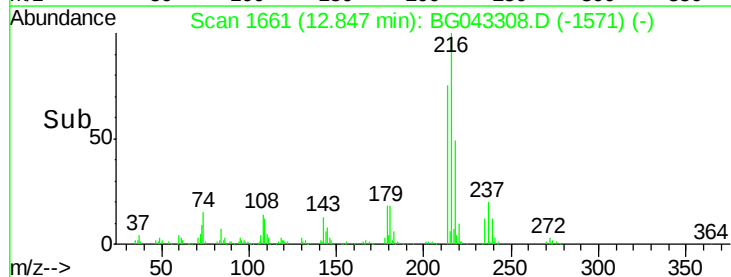
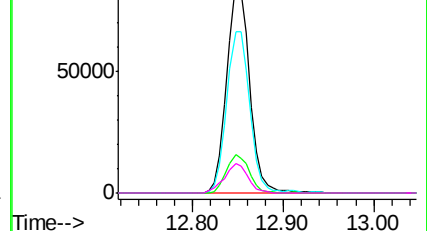


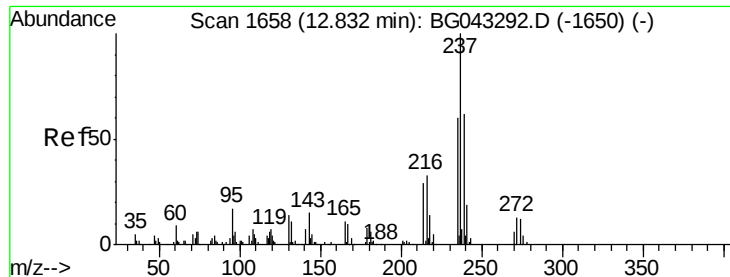
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.929 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

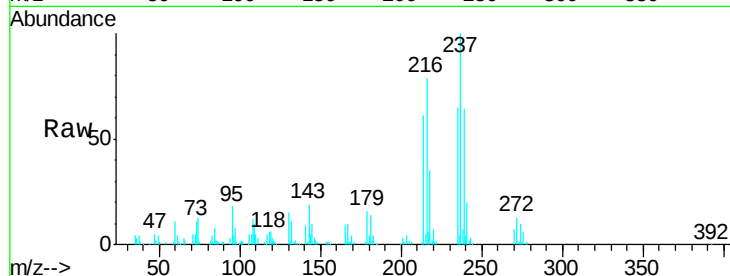
Tgt Ion: 237 Resp: 74910

Ion Ratio Lower Upper

237 100

235 64.7 40.3 80.3

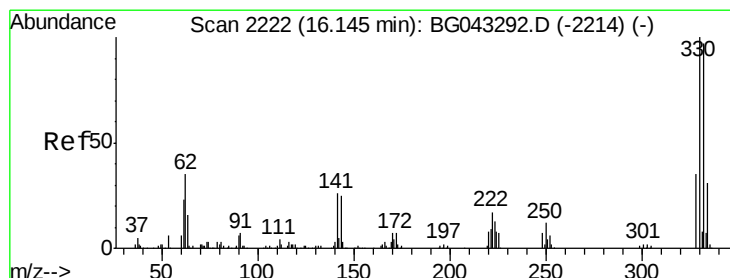
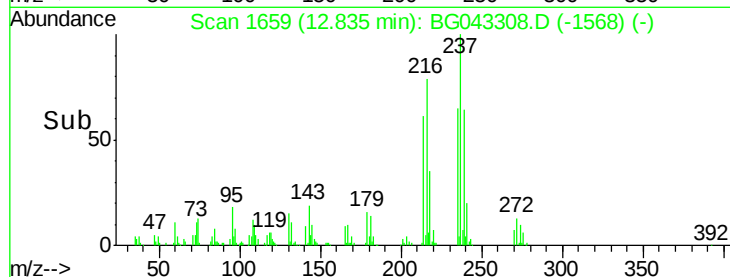
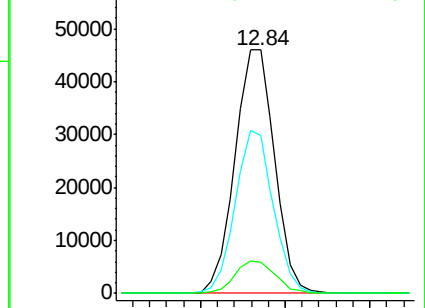
272 12.6 0.0 32.9



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: 86.126 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

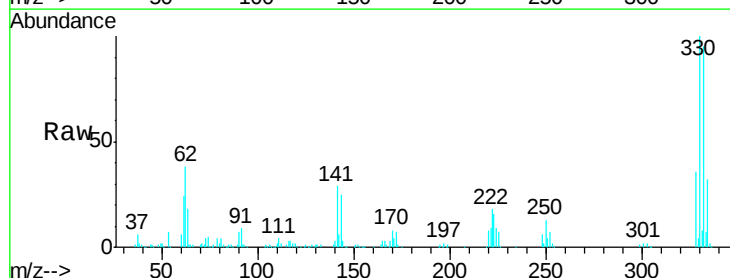
Tgt Ion: 330 Resp: 162227

Ion Ratio Lower Upper

330 100

332 98.5 76.4 114.6

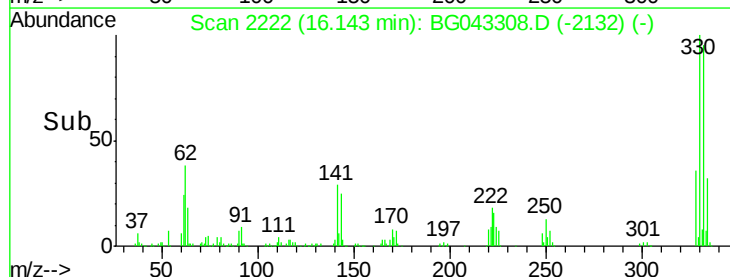
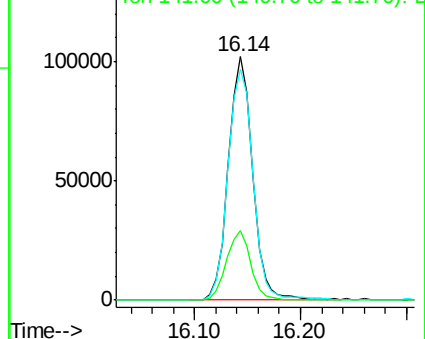
141 28.5 21.4 32.0

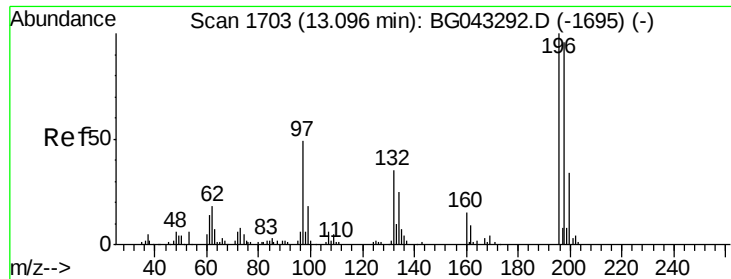


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

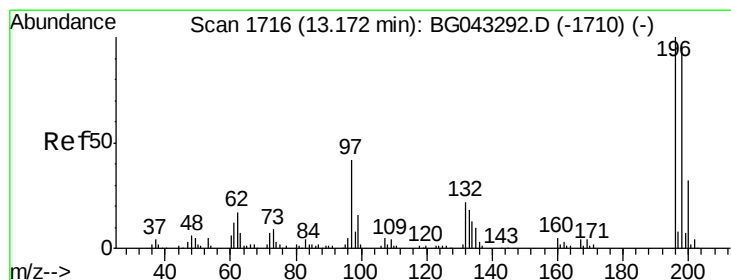
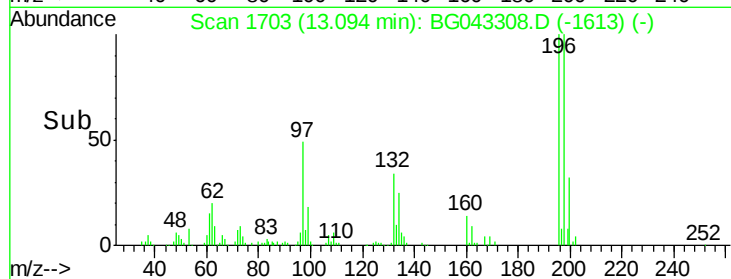
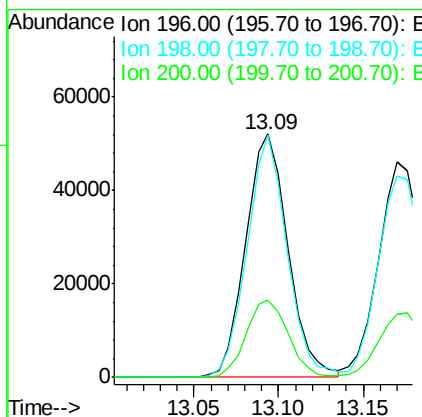
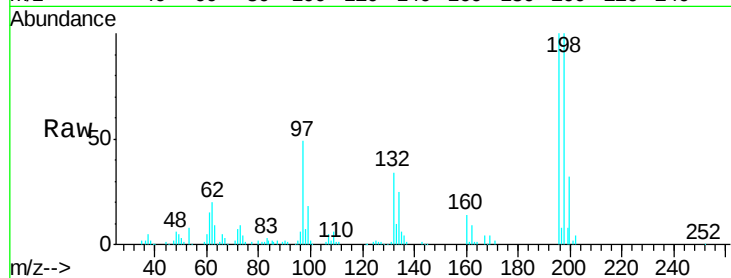




#43
 2,4,6-Trichlorophenol
 Concen: 41.873 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

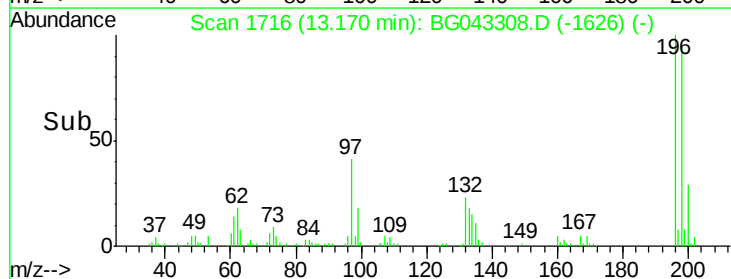
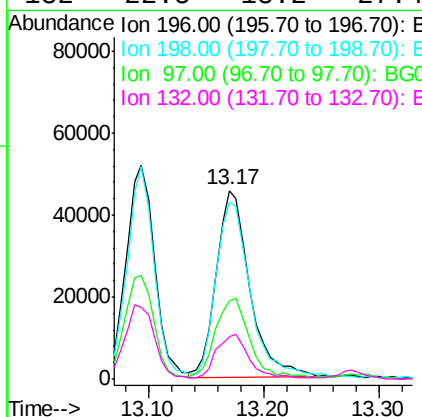
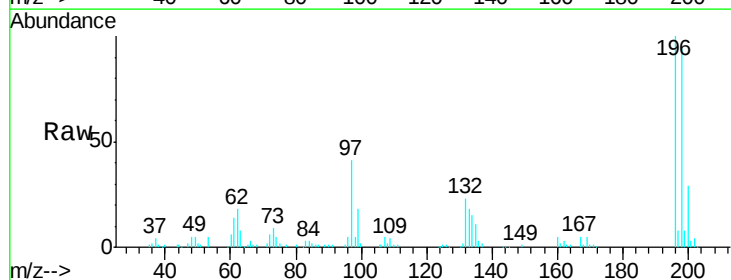
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

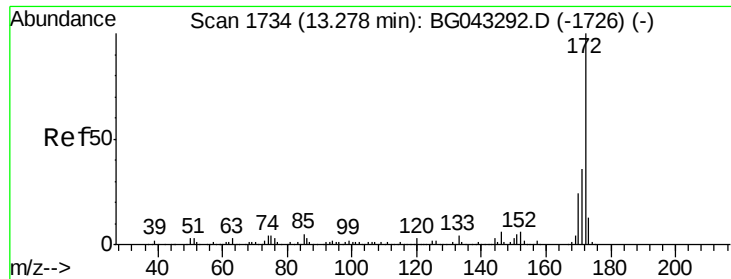
Tgt Ion:196 Resp: 90329
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.0 115.4
 200 31.8 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.290 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion:196 Resp: 92232
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.6 114.8
 97 41.4 34.1 51.1
 132 22.5 18.2 27.4

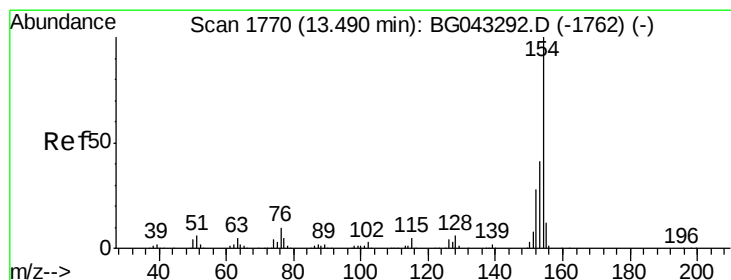
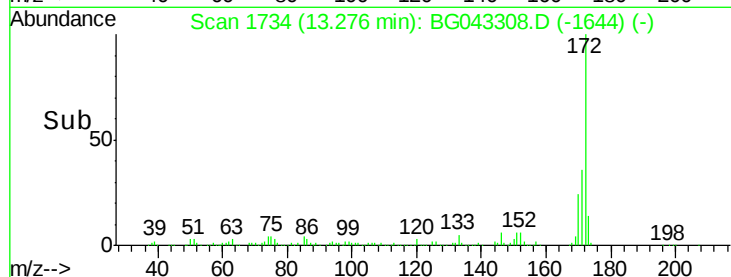
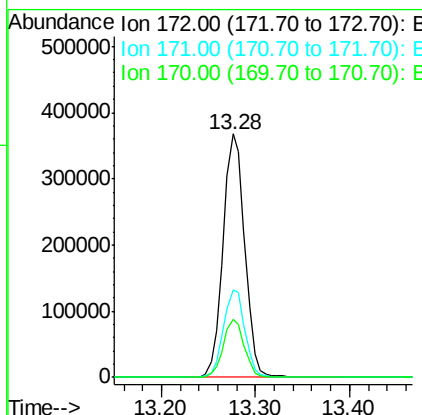
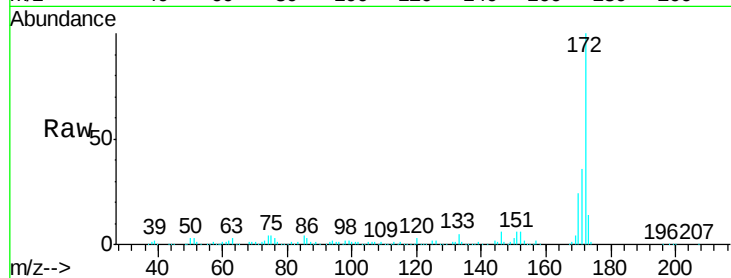




#45
 2-Fluorobiphenyl
 Concen: 82.191 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

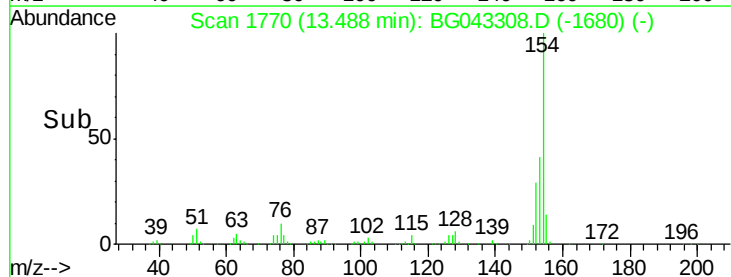
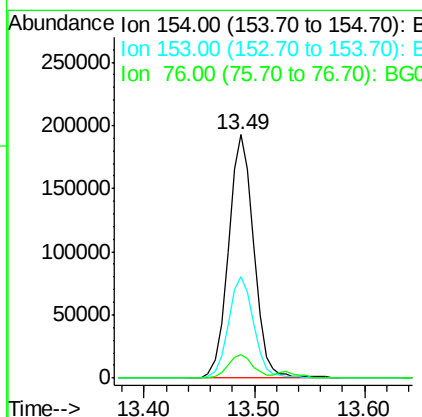
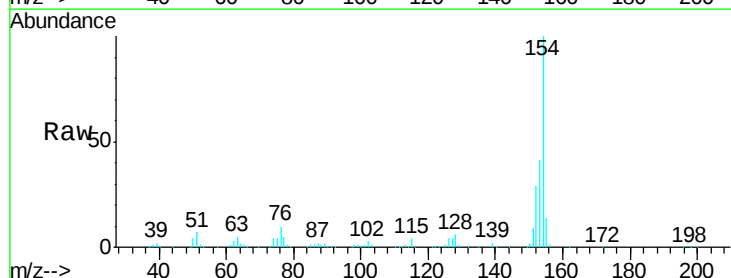
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

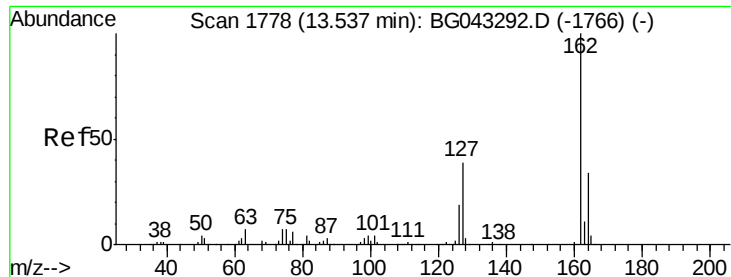
Tgt Ion:172 Resp: 588746
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.8 18.8 28.2



#46
 1,1'-Biphenyl
 Concen: 41.087 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion:154 Resp: 309377
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.0 61.0
 76 9.6 0.0 29.8

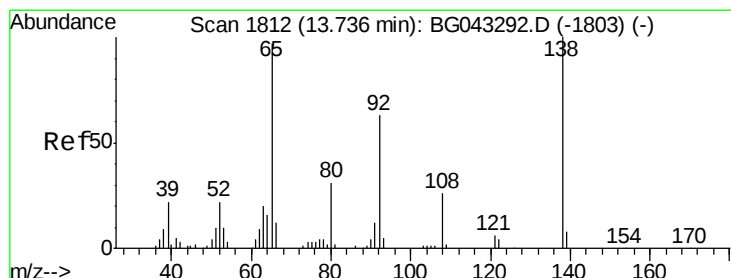
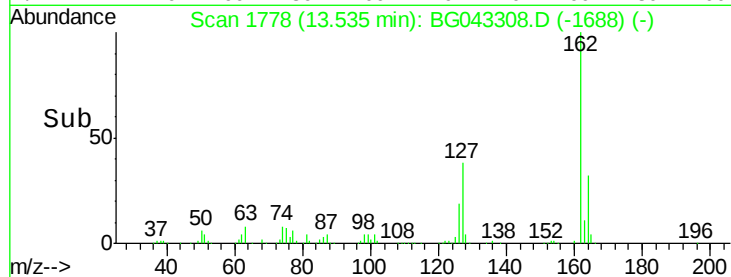
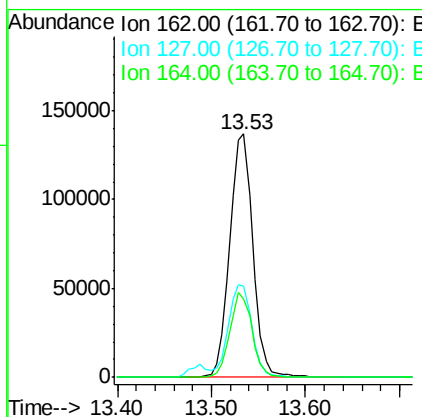
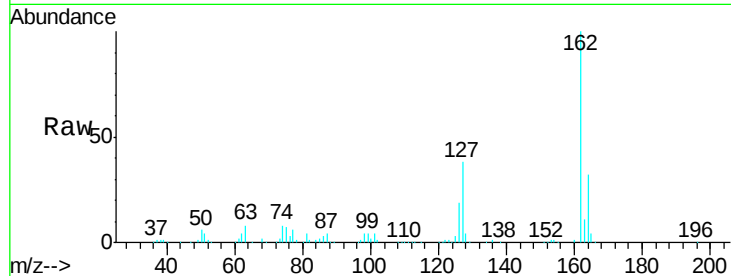




#47
 2-Chloronaphthalene
 Concen: 40.858 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

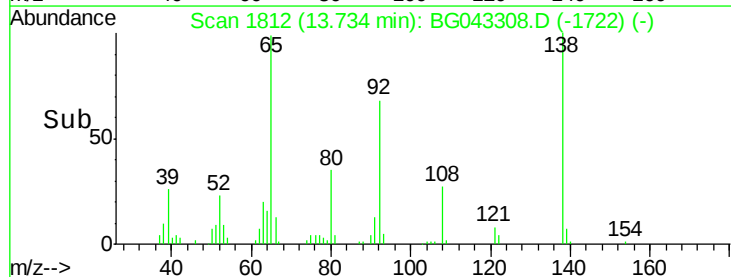
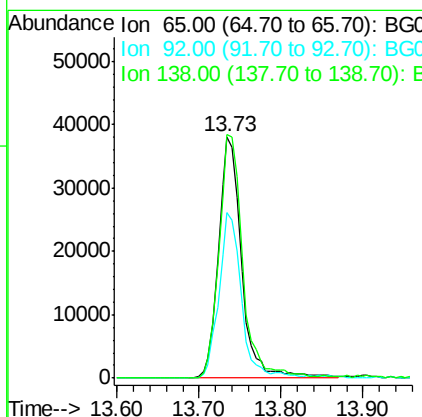
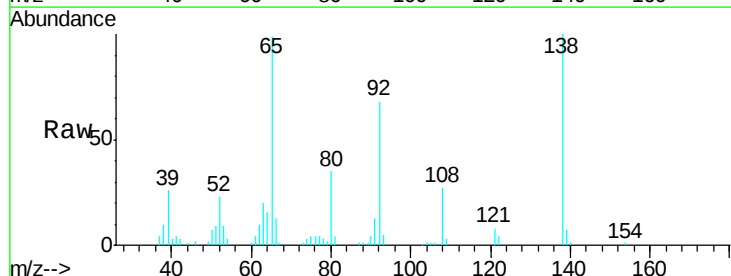
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

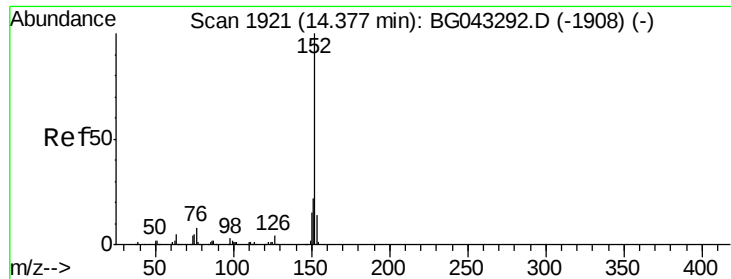
Tgt Ion: 162 Resp: 234086
 Ion Ratio Lower Upper
 162 100
 127 37.7 31.3 46.9
 164 32.2 26.8 40.2



#48
 2-Nitroaniline
 Concen: 43.666 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion: 65 Resp: 74771
 Ion Ratio Lower Upper
 65 100
 92 68.5 52.6 79.0
 138 101.0 82.9 124.3





#49

Acenaphthylene

Concen: 41.545 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

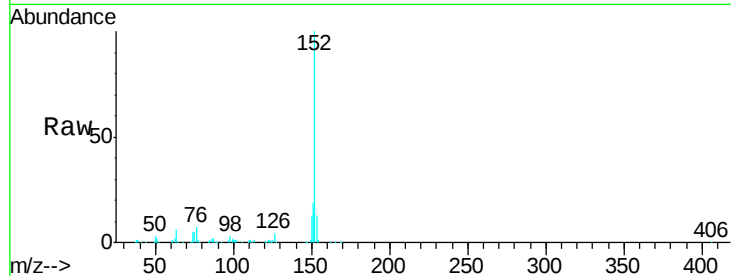
Tgt Ion:152 Resp: 370449

Ion Ratio Lower Upper

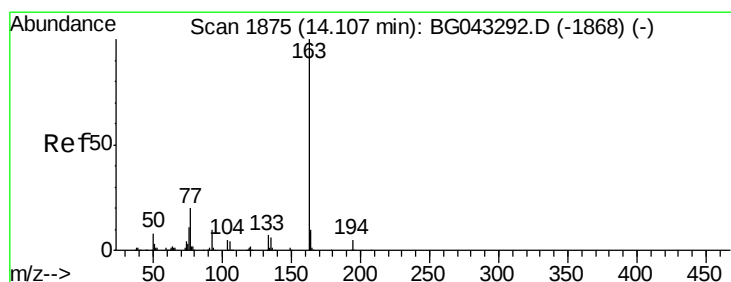
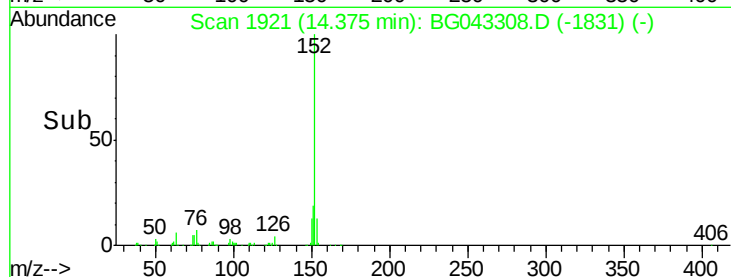
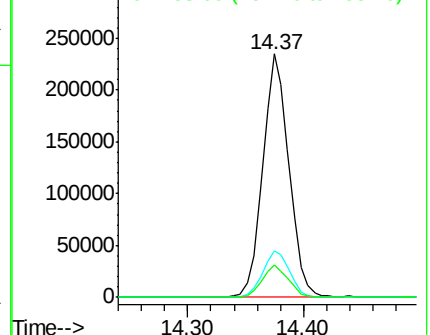
152 100

151 19.0 17.2 25.8

153 13.4 11.0 16.6



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: 42.743 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

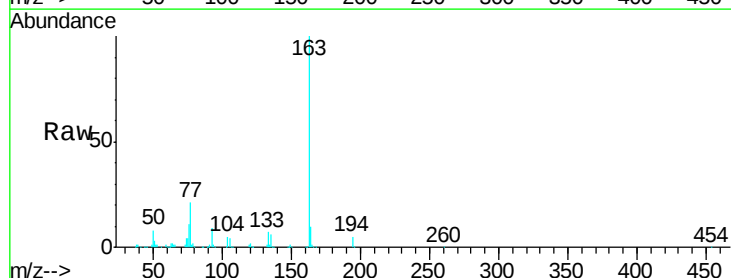
Tgt Ion:163 Resp: 327700

Ion Ratio Lower Upper

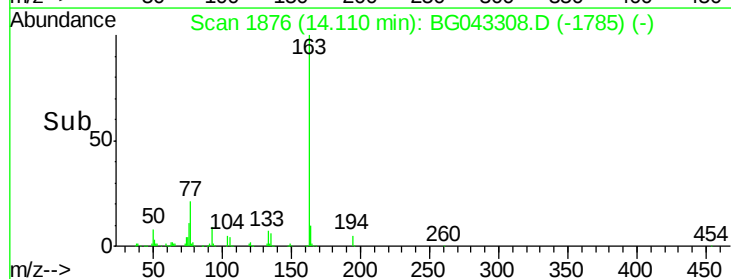
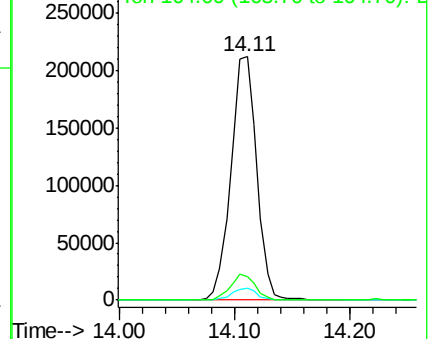
163 100

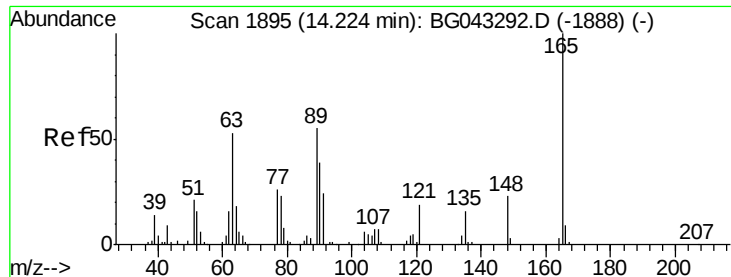
194 4.9 3.7 5.5

164 9.7 8.1 12.1



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

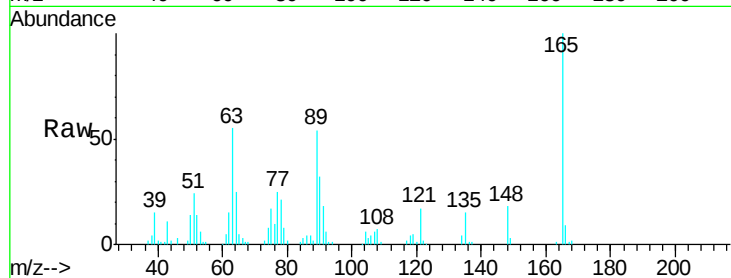




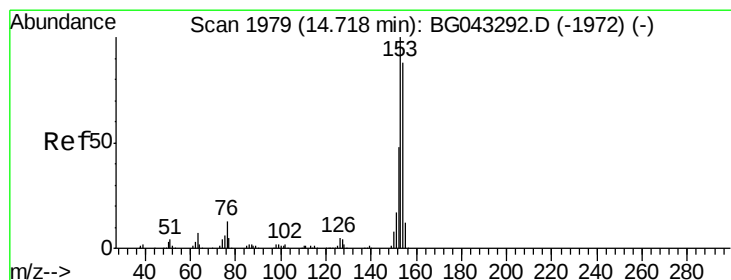
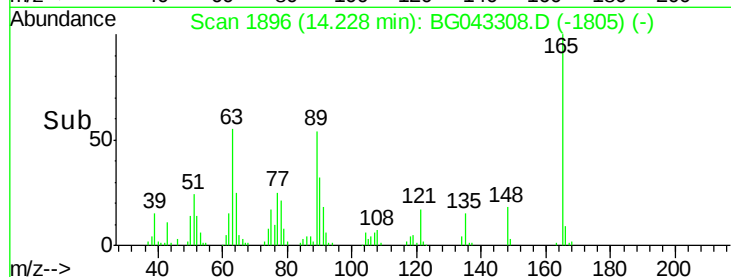
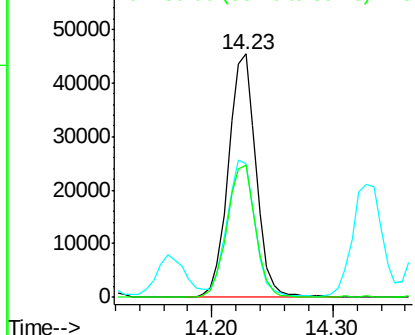
#51
 2,6-Dinitrotoluene
 Concen: 43.275 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 72077
 Ion Ratio Lower Upper
 165 100
 63 55.0 47.1 70.7
 89 54.3 43.7 65.5

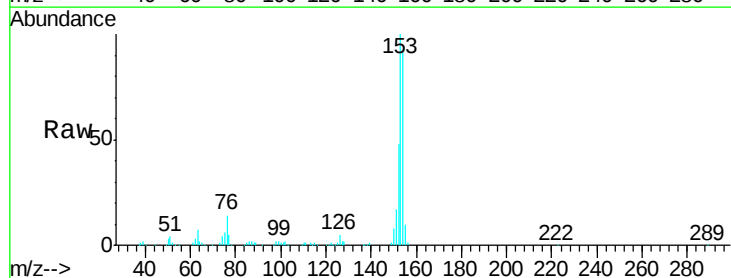


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

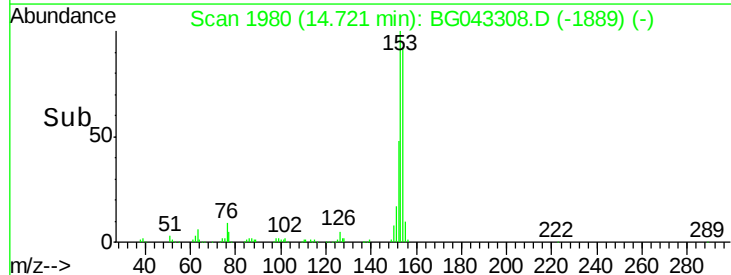
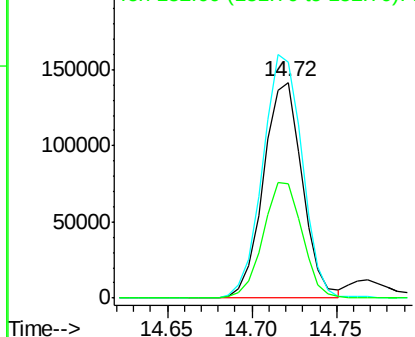


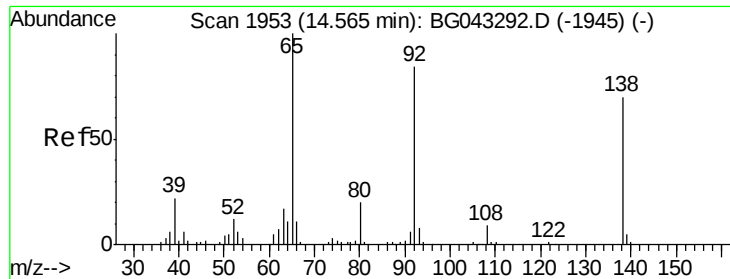
#52
 Acenaphthene
 Concen: 41.504 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion:154 Resp: 225687
 Ion Ratio Lower Upper
 154 100
 153 109.0 90.9 136.3
 152 52.8 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.673 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

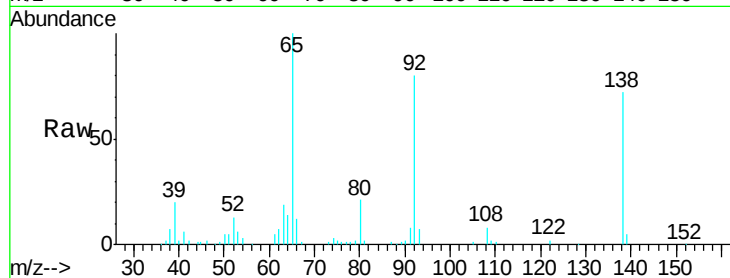
Tgt Ion:138 Resp: 70229

Ion Ratio Lower Upper

138 100

108 11.4 9.8 14.6

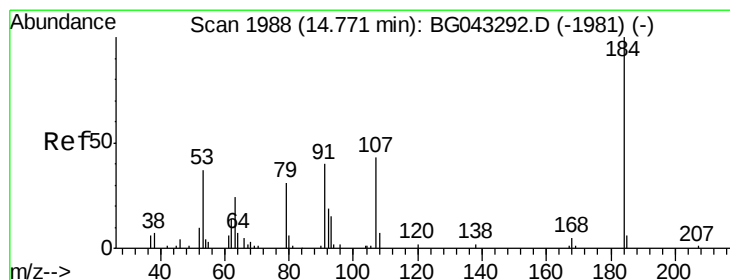
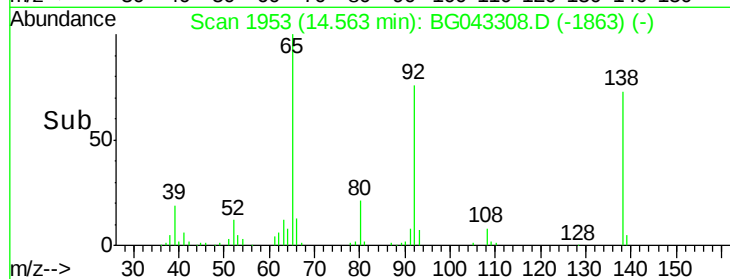
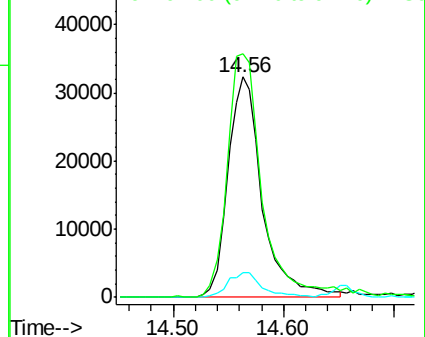
92 110.5 95.8 143.6



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): BGC



#54

2,4-Dinitrophenol

Concen: 38.927 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043308.D

Acq: 23 Oct 2019 14:50

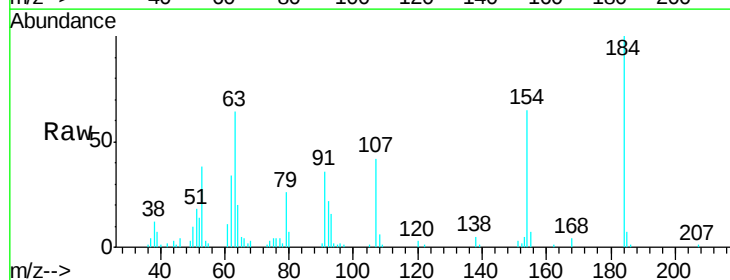
Tgt Ion:184 Resp: 36208

Ion Ratio Lower Upper

184 100

63 63.7 48.8 73.2

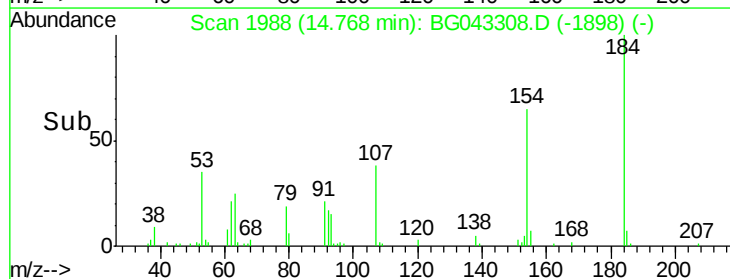
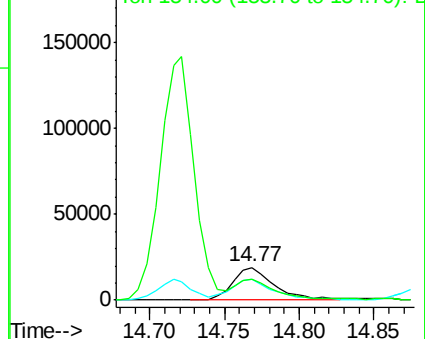
154 65.4 49.4 74.0

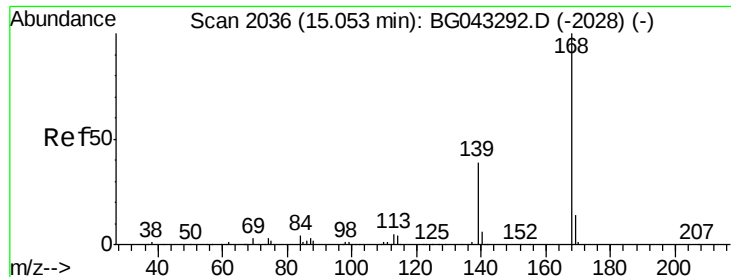


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

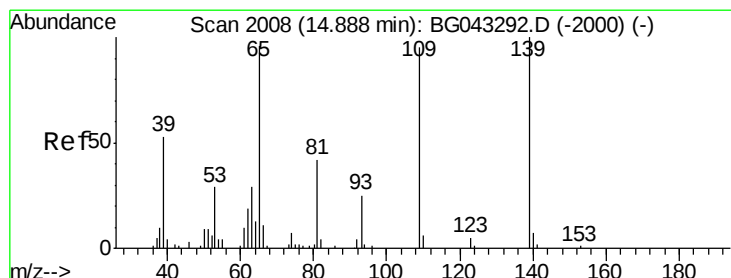
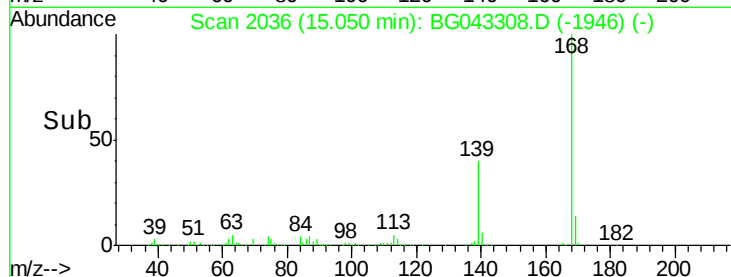
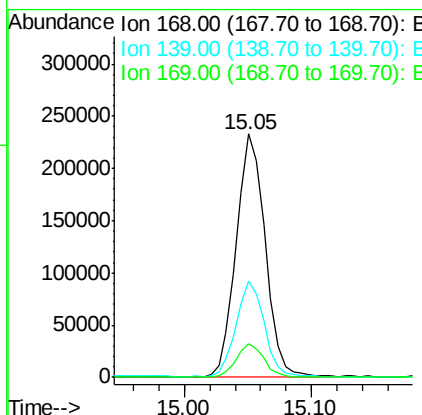
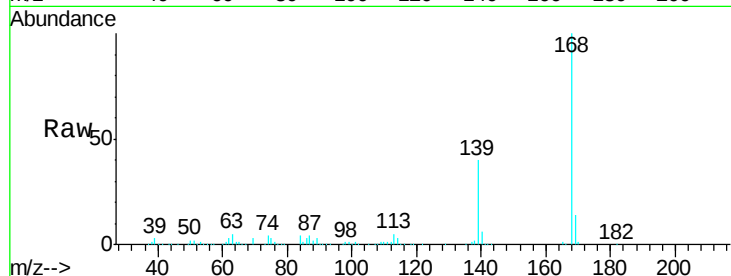




#55
Dibenzenofuran
Concen: 42.104 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

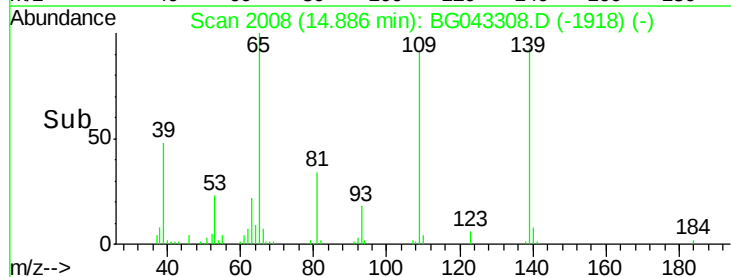
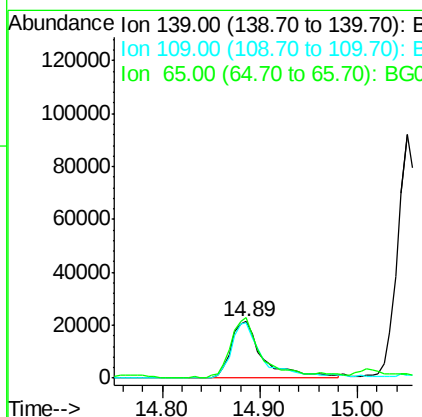
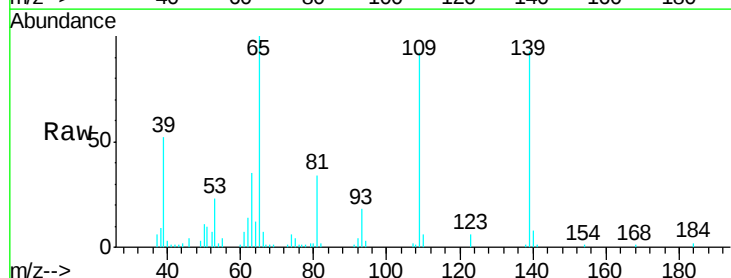
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

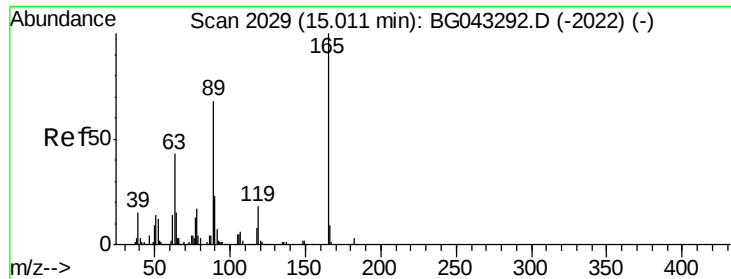
Tgt Ion:168 Resp: 371282
Ion Ratio Lower Upper
168 100
139 39.5 31.7 47.5
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 45.209 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:139 Resp: 48718
Ion Ratio Lower Upper
139 100
109 99.4 75.4 115.4
65 107.8 76.6 116.6

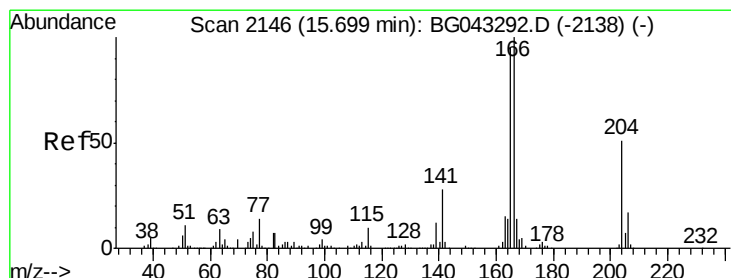
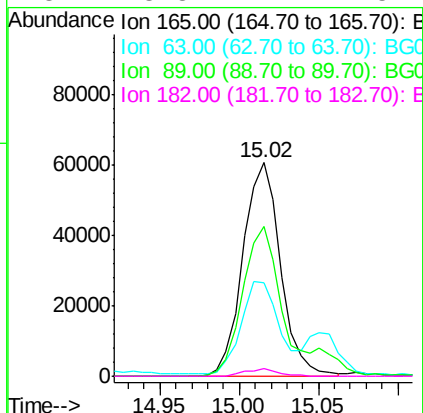
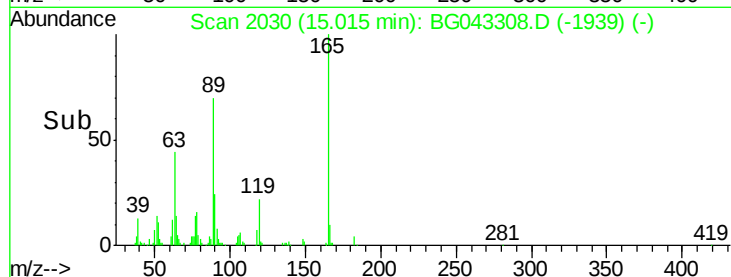
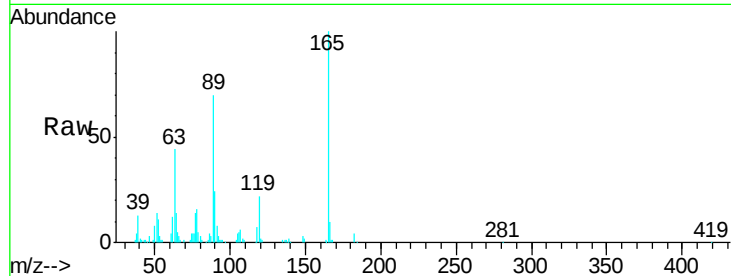




#57
2,4-Dinitrotoluene
Concen: 42.076 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

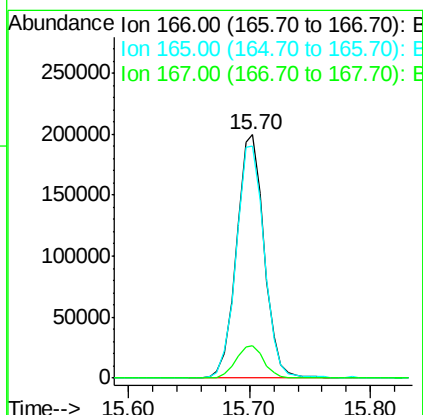
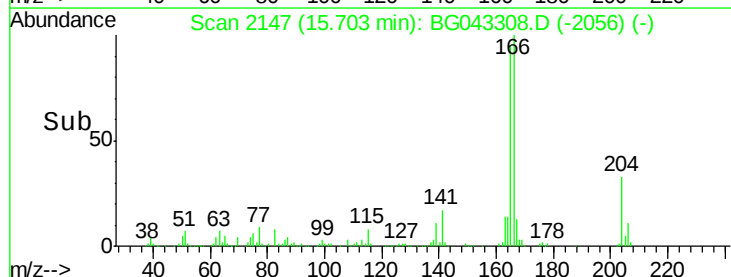
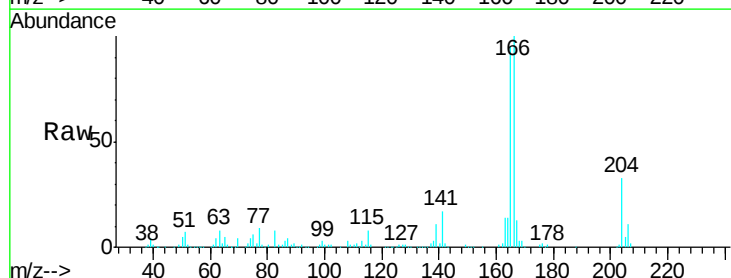
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

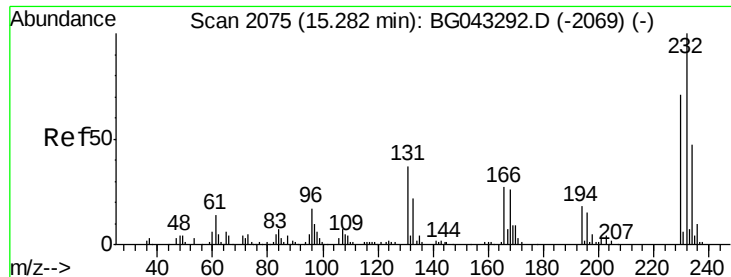
Tgt Ion:165 Resp: 100154
Ion Ratio Lower Upper
165 100
63 44.0 35.0 52.6
89 70.0 54.1 81.1
182 3.8 2.2 3.2#



#58
Fluorene
Concen: 42.767 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion:166 Resp: 316301
Ion Ratio Lower Upper
166 100
165 95.4 76.4 114.6
167 13.2 11.1 16.7

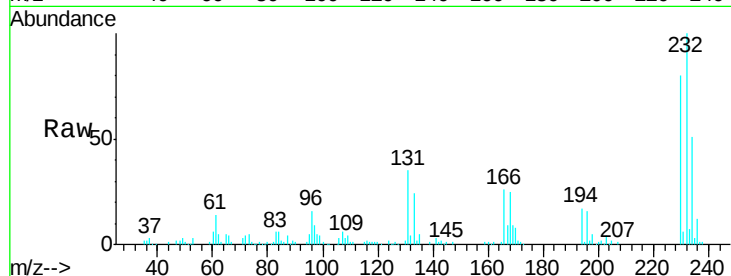




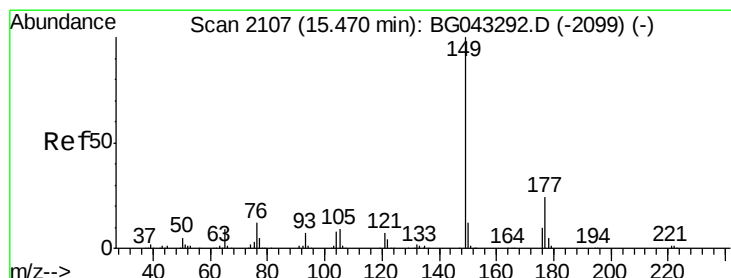
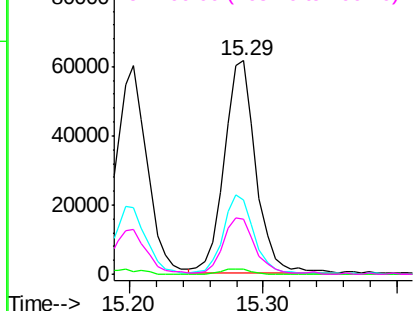
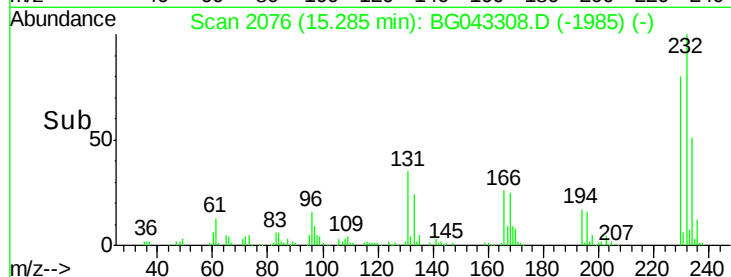
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.844 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 232 Resp: 101592
 Ion Ratio Lower Upper
 232 100
 131 36.2 28.7 43.1
 130 2.3 0.6 0.8#
 166 25.9 21.1 31.7

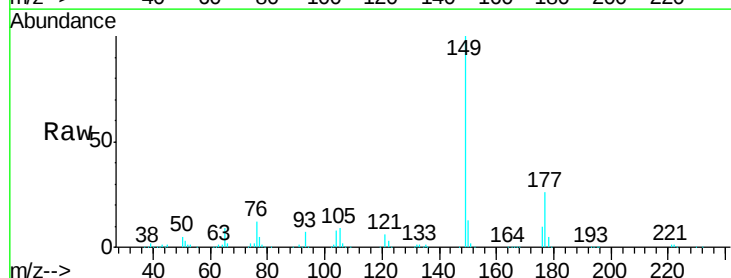


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

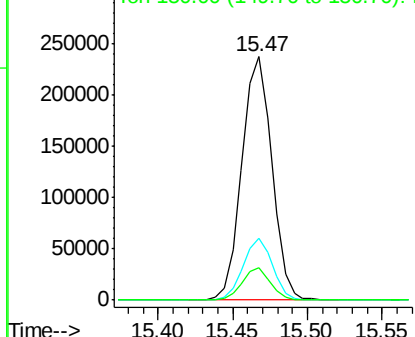
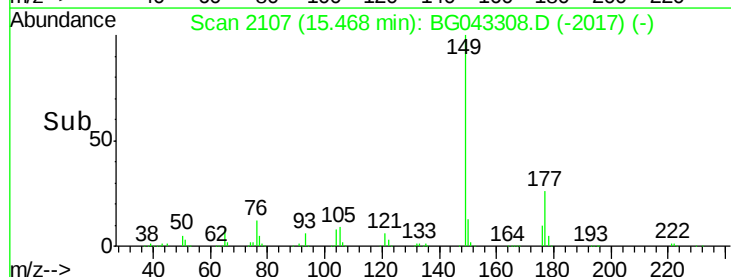


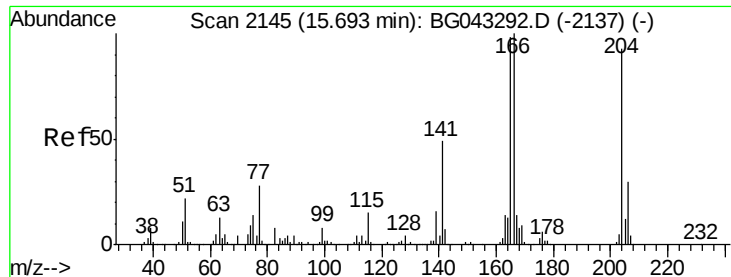
#60
 Diethylphthalate
 Concen: 42.910 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043308.D
 Acq: 23 Oct 2019 14:50

Tgt Ion: 149 Resp: 330549
 Ion Ratio Lower Upper
 149 100
 177 25.6 19.0 28.4
 150 13.1 9.4 14.0



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

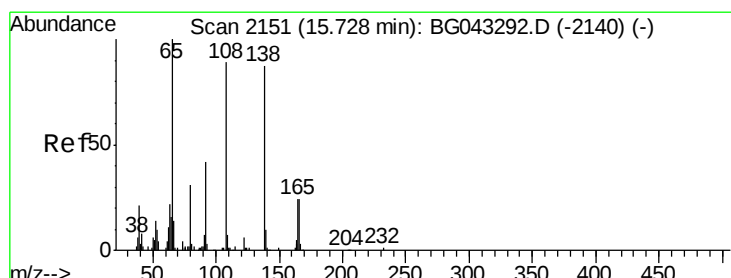
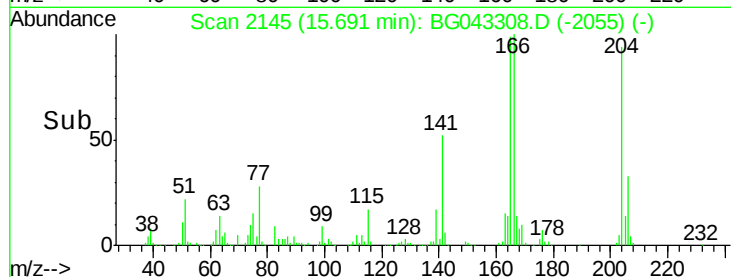
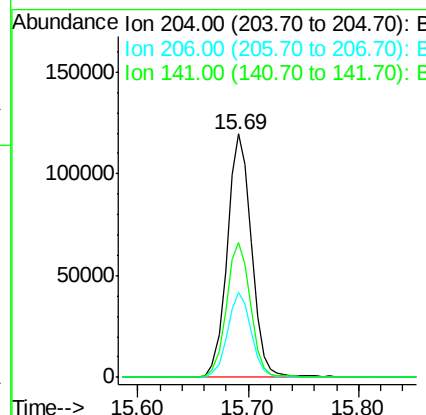
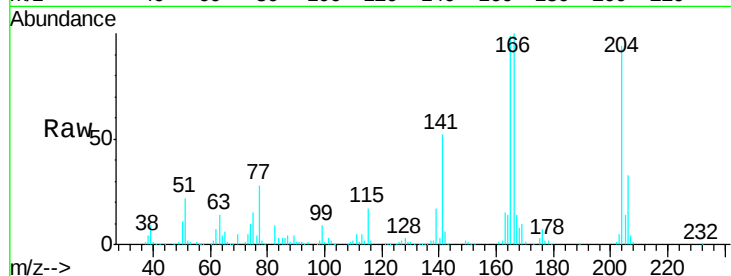




#61
4-Chlorophenyl-phenylether
Concen: 42.686 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 184171
Ion Ratio Lower Upper
204 100
206 34.7 25.7 38.5
141 55.6 42.3 63.5



#62
4-Nitroaniline
Concen: 45.419 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043308.D
Acq: 23 Oct 2019 14:50

Tgt Ion: 138 Resp: 75429
Ion Ratio Lower Upper
138 100
92 60.2 28.8 68.8
108 113.2 82.7 122.7

