

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120315\
 Data File : BG019891.D
 Acq On : 4 Dec 2015 4:25
 Operator : UM/NP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 04 05:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25987	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	119361	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	88093	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	218552	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	259165	20.00	ng	-0.02
86) Perylene-d12	25.06	264	245441	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	121334	84.39	ng	-0.01
7) Phenol-d6	7.26	99	184719	85.09	ng	-0.01
23) Nitrobenzene-d5	9.29	82	197817	84.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	103241	76.59	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	493899	76.55	ng	-0.01
78) Terphenyl-d14	20.09	244	829540	78.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24010	42.86	ng	# 100
3) Pyridine	3.93	79	74713	43.92	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	35735	39.94	ng	# 77
6) Aniline	7.44	93	118494	42.15	ng	# 84
8) 2-Chlorophenol	7.68	128	73100	41.69	ng	93
9) Benzaldehyde	7.25	77	57944	40.03	ng	91
10) Phenol	7.29	94	95904	41.97	ng	76
11) bis(2-Chloroethyl)ether	7.54	93	71408	42.20	ng	92
12) 1,3-Dichlorobenzene	8.01	146	81765	41.14	ng	# 92
13) 1,4-Dichlorobenzene	8.16	146	81910	39.91	ng	95
14) 1,2-Dichlorobenzene	8.48	146	81364	41.56	ng	94
15) Benzyl Alcohol	8.35	79	77349	40.60	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	114895	41.63	ng	93
17) 2-Methylphenol	8.55	107	69310	42.97	ng	# 89
18) Hexachloroethane	9.22	117	32225	41.93	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	69427	40.55	ng	90
20) 3+4-Methylphenols	8.88	107	95730	42.15	ng	95
22) Acetophenone	8.95	105	132803	40.59	ng	# 92
24) Nitrobenzene	9.33	77	107314	42.30	ng	89
25) Isophorone	9.86	82	202047	40.30	ng	# 97
26) 2-Nitrophenol	10.05	139	43880	44.78	ng	# 74
27) 2,4-Dimethylphenol	10.09	122	82158	40.27	ng	88
28) bis(2-Chloroethoxy)methane	10.34	93	102834	41.97	ng	100
29) 2,4-Dichlorophenol	10.58	162	86238	41.37	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	93134	39.53	ng	97
31) Naphthalene	10.99	128	262075	40.99	ng	99
32) Benzoic acid	10.22	122	65418	47.63	ng	85
33) 4-Chloroaniline	11.09	127	113460	40.27	ng	# 89
34) Hexachlorobutadiene	11.27	225	66932	38.52	ng	98
35) Caprolactam	11.87	113	31381	40.44	ng	# 64
36) 4-Chloro-3-methylphenol	12.20	107	105638	40.69	ng	93
37) 2-Methylnaphthalene	12.59	142	191045	40.77	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	132468	39.63	ng	99
40) Hexachlorocyclopentadiene	12.93	237	69459	36.44	ng	95

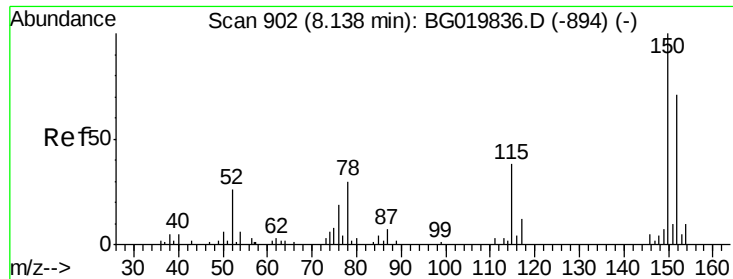
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120315\
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Quant Time: Dec 04 05:00:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	86120	38.91	ng	96
43) 2,4,5-Trichlorophenol	13.25	196	91788	39.24	ng	96
45) 1,1'-Biphenyl	13.59	154	279875	38.71	ng	98
46) 2-Chloronaphthalene	13.63	162	217247	38.98	ng	96
47) 2-Nitroaniline	13.83	65	75091	42.66	ng	90
48) Acenaphthylene	14.48	152	367648	38.73	ng	99
49) Dimethylphthalate	14.21	163	297028	37.48	ng	98
50) 2,6-Dinitrotoluene	14.32	165	62298	41.81	ng	# 67
51) Acenaphthene	14.82	154	226304	39.29	ng	98
52) 3-Nitroaniline	14.65	138	65291	42.18	ng	92
53) 2,4-Dinitrophenol	14.85	184	27253	39.66	ng	# 81
54) Dibenzofuran	15.15	168	324122	37.83	ng	92
55) 4-Nitrophenol	14.93	139	52783	39.15	ng	# 63
56) 2,4-Dinitrotoluene	15.10	165	89536	43.07	ng	# 83
57) Fluorene	15.80	166	289355	37.73	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	82265	38.00	ng	97
59) Diethylphthalate	15.56	149	309741	36.12	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	166002	37.70	ng	97
61) 4-Nitroaniline	15.81	138	68901	39.58	ng	# 71
62) Azobenzene	16.08	77	268632	37.64	ng	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	50701	42.15	ng	94
65) n-Nitrosodiphenylamine	16.00	169	255700	40.43	ng	96
66) 4-Bromophenyl-phenylether	16.68	248	109460	40.31	ng	96
67) Hexachlorobenzene	16.80	284	114889	40.61	ng	97
68) Atrazine	16.94	200	107687	39.19	ng	95
69) Pentachlorophenol	17.14	266	72287	43.78	ng	98
70) Phenanthrene	17.54	178	488943	39.54	ng	97
71) Anthracene	17.63	178	501643	39.83	ng	96
72) Carbazole	17.89	167	430372	38.79	ng	97
73) Di-n-butylphthalate	18.45	149	532053	39.12	ng	98
74) Fluoranthene	19.54	202	612657	38.74	ng	93
76) Benzidine	19.71	184	324890	38.16	ng	97
77) Pyrene	19.90	202	612947	40.20	ng	96
79) Butylbenzylphthalate	20.78	149	245482	41.08	ng	96
80) Benzo(a)anthracene	21.75	228	629101	39.66	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	235108	38.91	ng	98
82) Chrysene	21.82	228	605587	40.20	ng	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	357740	40.79	ng	97
84) Di-n-octyl phthalate	22.91	149	602909	42.28	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.82	276	709897	42.78	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	605101	38.90	ng	# 94
88) Benzo(k)fluoranthene	24.09	252	607485	39.43	ng	# 95
89) Benzo(a)pyrene	24.91	252	587186	39.76	ng	# 96
90) Dibenzo(a,h)anthracene	28.90	278	588197	40.31	ng	# 93
91) Benzo(g,h,i)perylene	30.01	276	586262	40.92	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

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BNA_G

ClientSampleId :

SSTDCCC040

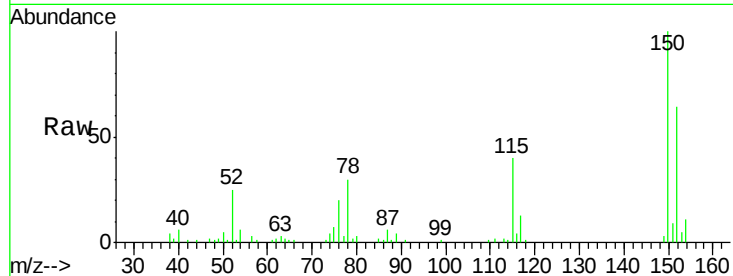
Tgt Ion:152 Resp: 25987

Ion Ratio Lower Upper

152 100

150 155.5 115.0 172.4

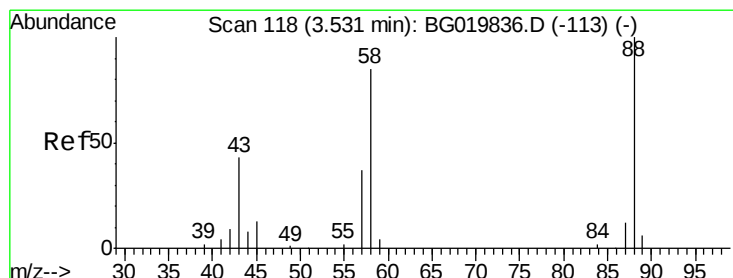
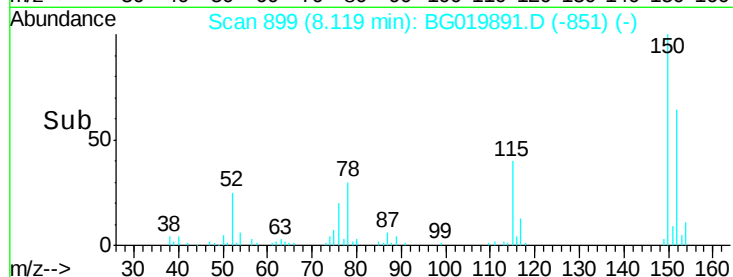
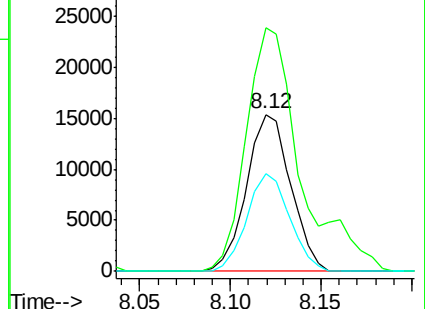
115 62.3 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.86 ng

RT: 3.52 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

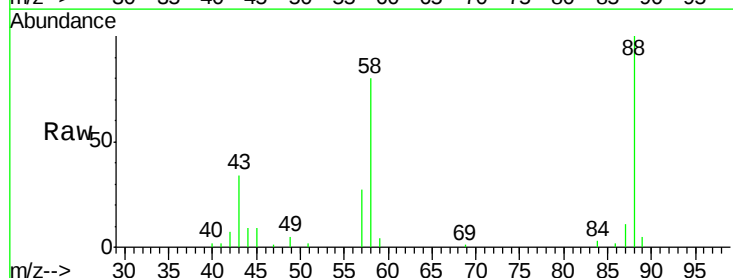
Tgt Ion: 88 Resp: 24010

Ion Ratio Lower Upper

88 100

58 79.0 0.0 0.0#

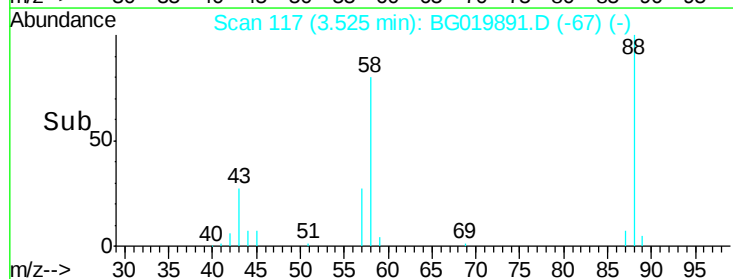
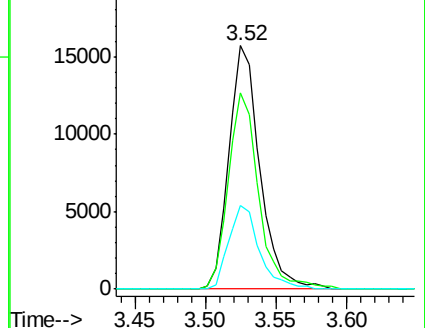
43 33.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 43.92 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

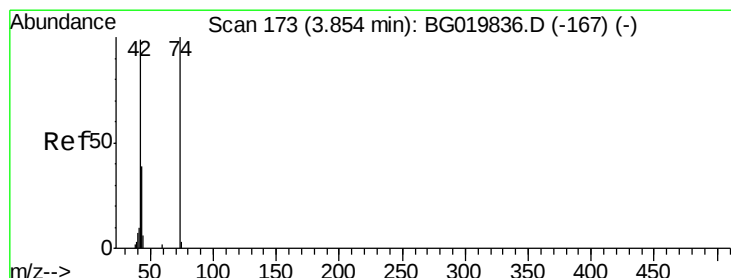
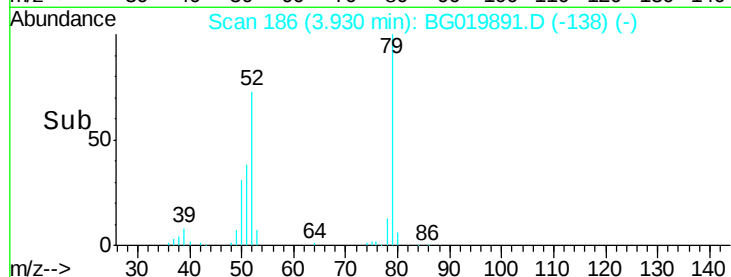
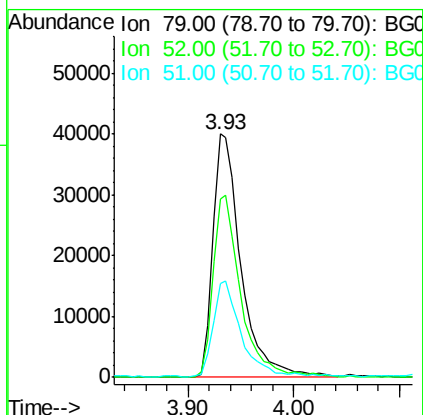
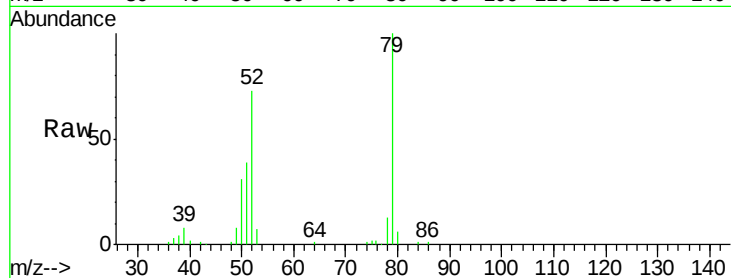
Tgt Ion: 79 Resp: 74713

Ion Ratio Lower Upper

79 100

52 73.3 50.3 75.5

51 38.5 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 39.94 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

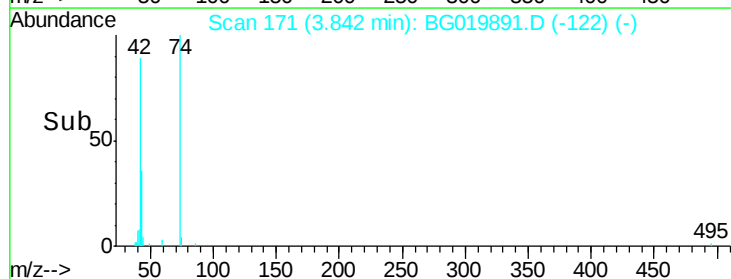
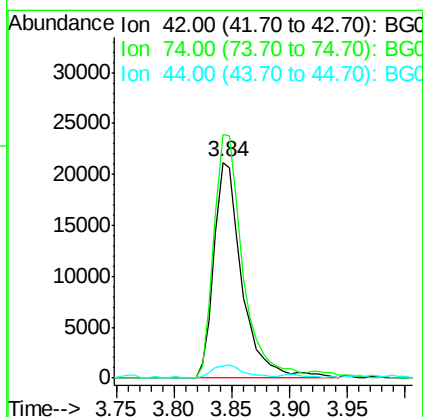
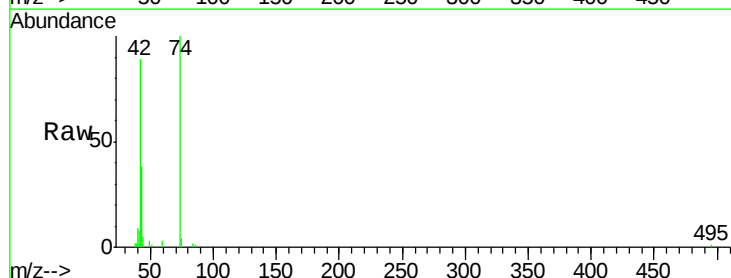
Tgt Ion: 42 Resp: 35735

Ion Ratio Lower Upper

42 100

74 112.7 113.9 170.9#

44 5.4 5.7 8.5#





#5

2-Fluorophenol

Concen: 84.39 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

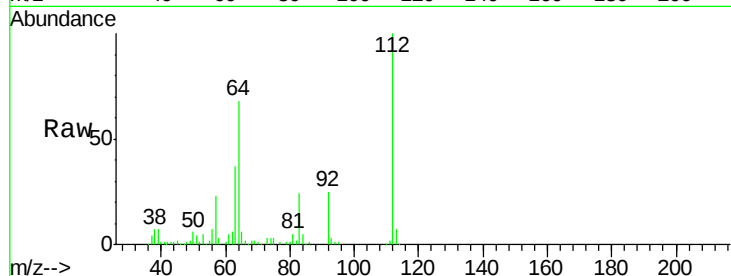
Tgt Ion: 112 Resp: 121334

Ion Ratio Lower Upper

112 100

64 67.8 43.7 65.5#

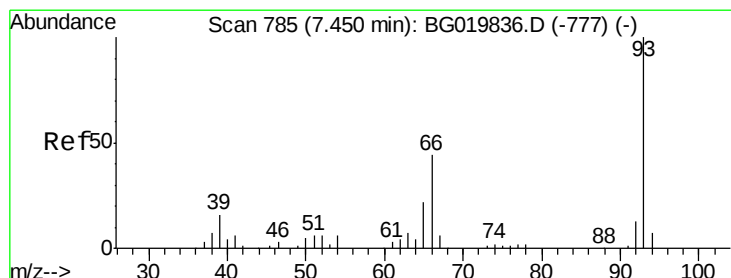
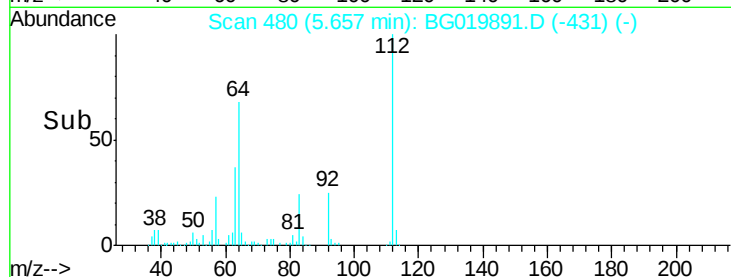
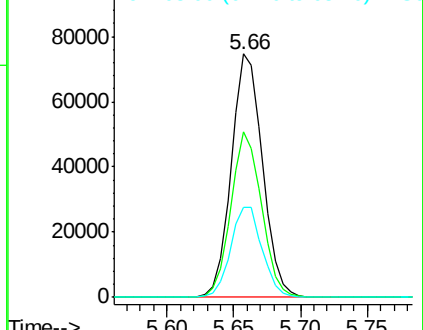
63 36.7 24.0 36.0#



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: 42.15 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

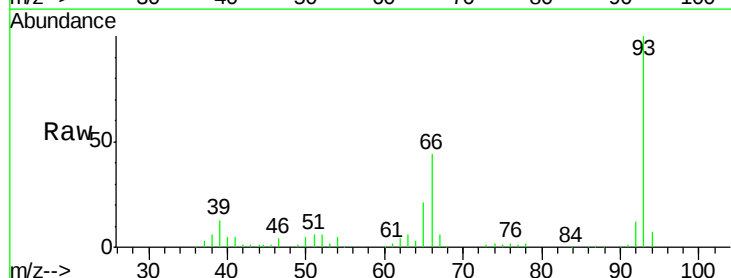
Tgt Ion: 93 Resp: 118494

Ion Ratio Lower Upper

93 100

66 44.0 26.2 39.2#

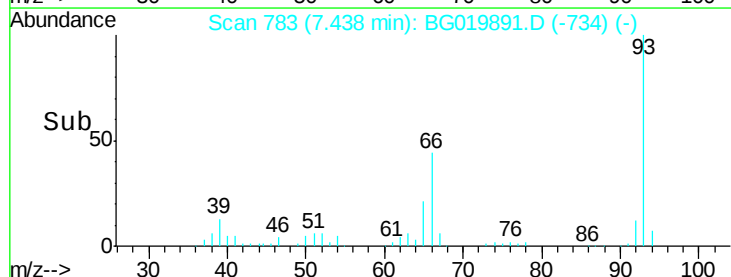
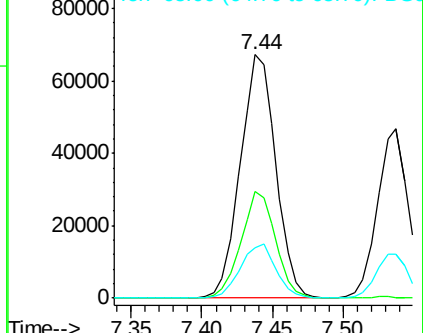
65 20.9 14.0 21.0

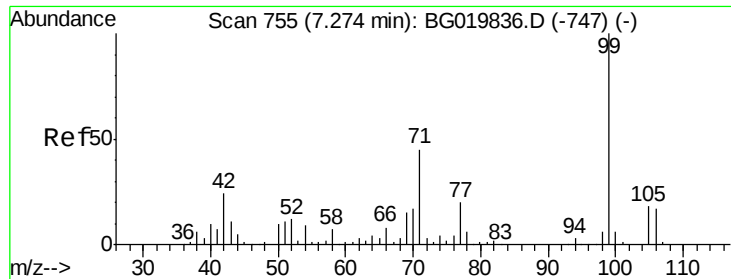


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.09 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

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SSTDCCC040

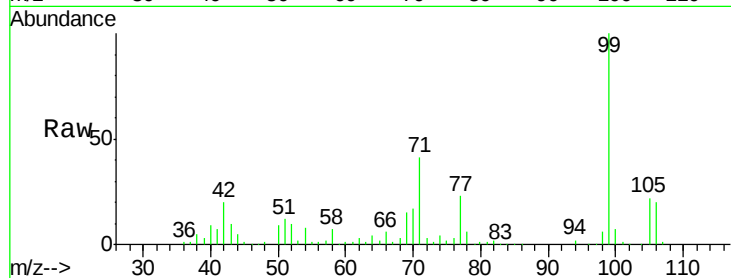
Tgt Ion: 99 Resp: 184719

Ion Ratio Lower Upper

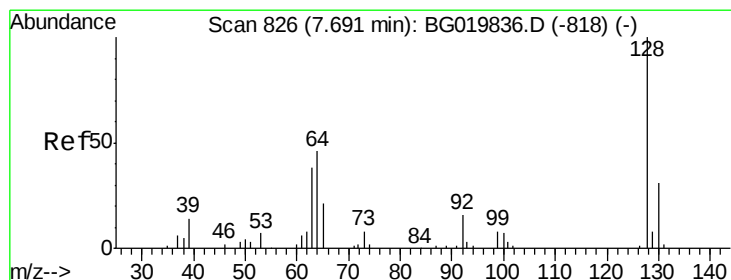
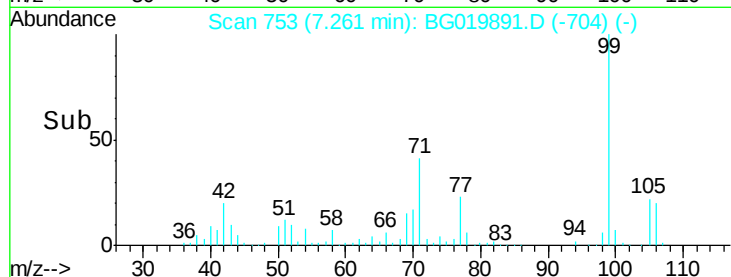
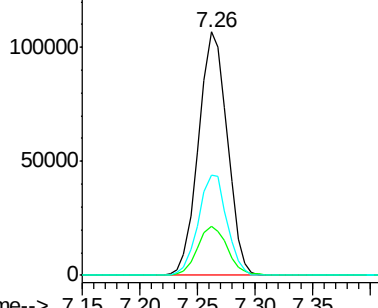
99 100

42 20.0 11.5 17.3#

71 41.1 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 41.69 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

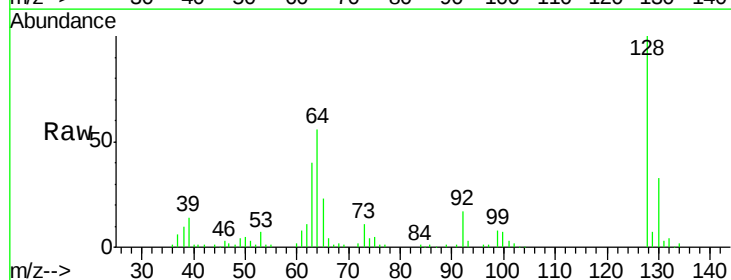
Tgt Ion: 128 Resp: 73100

Ion Ratio Lower Upper

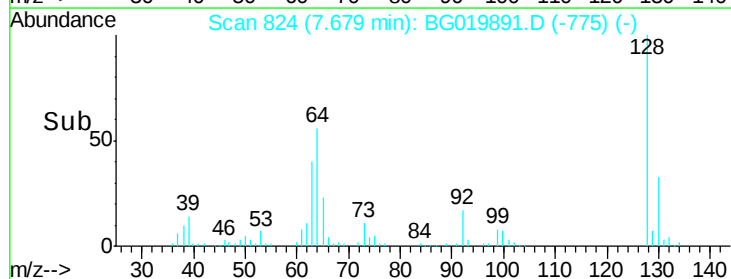
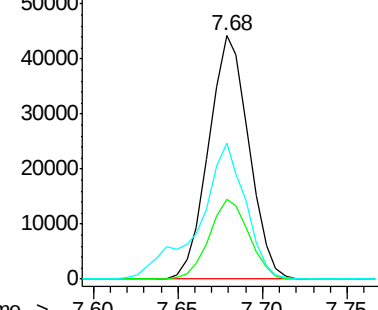
128 100

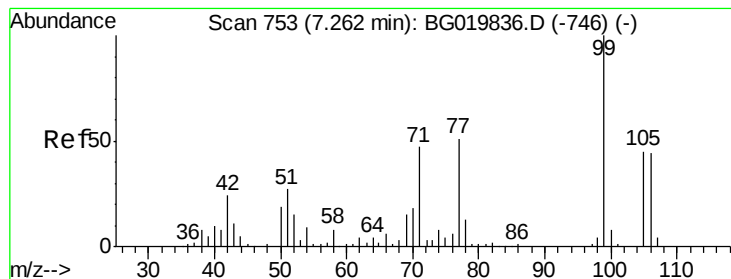
130 32.8 13.0 53.0

64 56.0 28.2 68.2



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: 40.03 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

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ClientSampleId :

SSTDCCC040

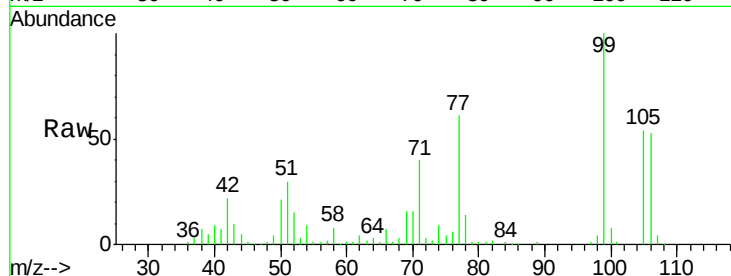
Tgt Ion: 77 Resp: 57944

Ion Ratio Lower Upper

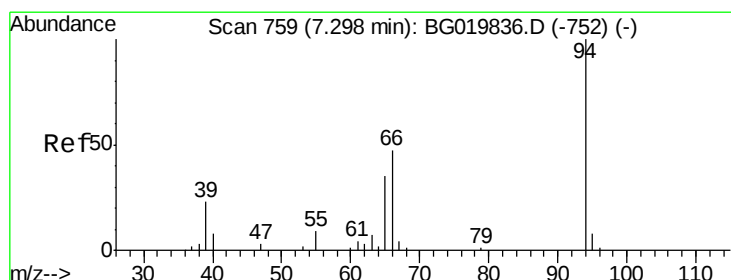
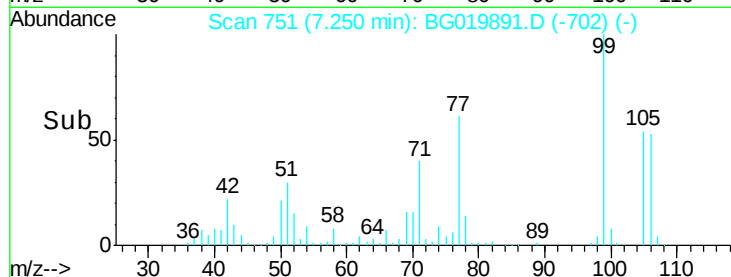
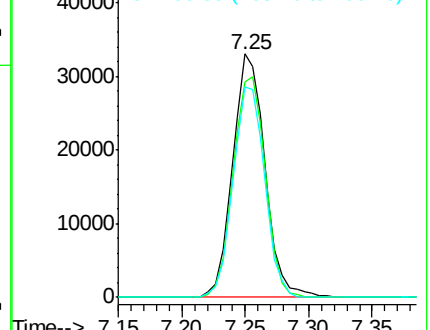
77 100

105 88.7 77.7 117.7

106 86.5 75.8 115.8



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: 41.97 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

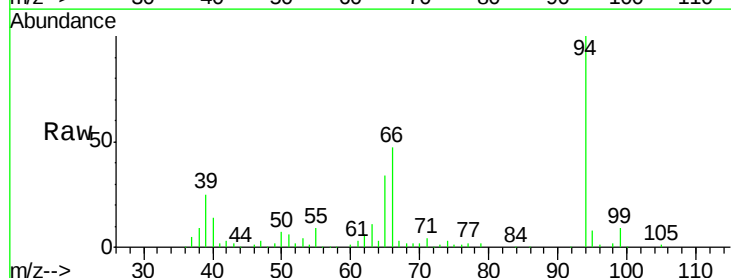
Tgt Ion: 94 Resp: 95904

Ion Ratio Lower Upper

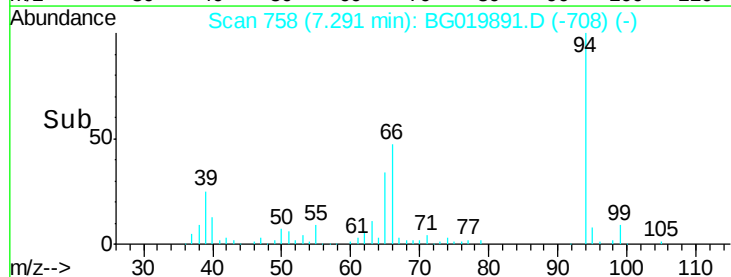
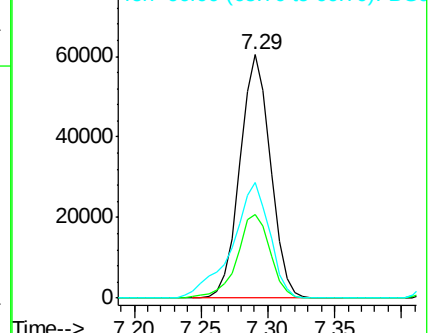
94 100

65 34.5 5.4 45.4

66 47.4 11.8 51.8



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: 42.20 ng

RT: 7.54 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

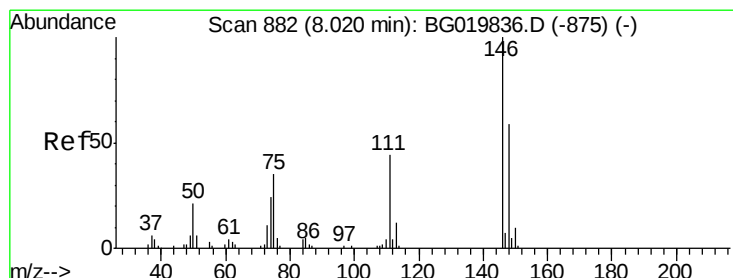
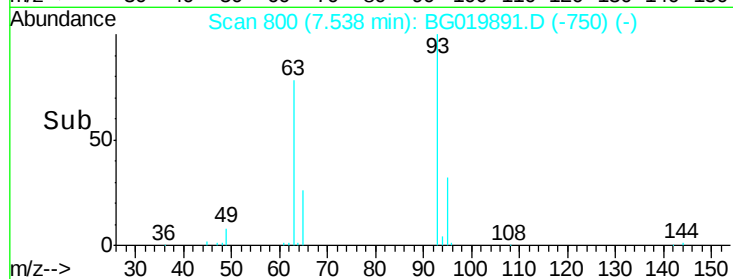
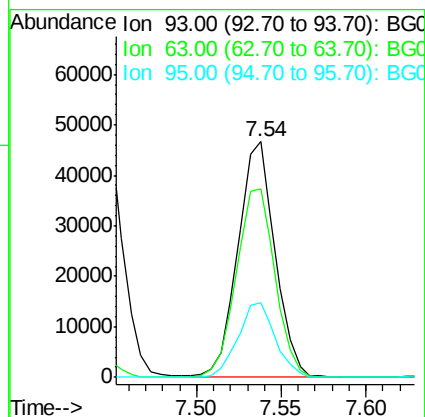
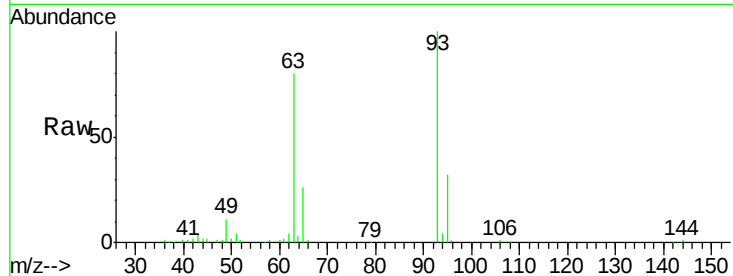
Tgt Ion: 93 Resp: 71408

Ion Ratio Lower Upper

93 100

63 80.4 50.5 90.5

95 31.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 41.14 ng

RT: 8.01 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

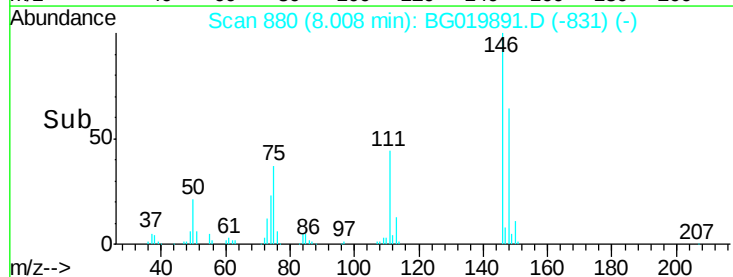
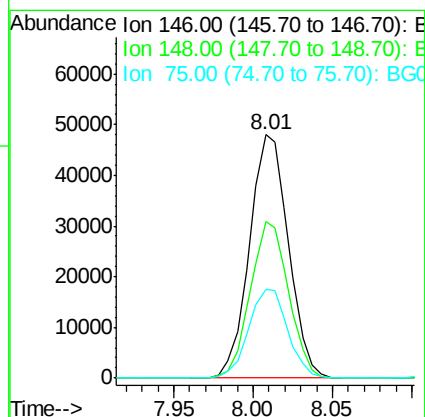
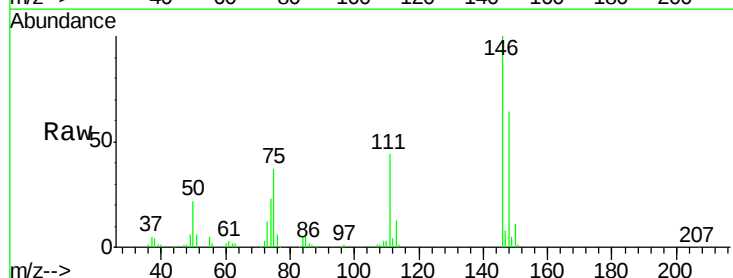
Tgt Ion: 146 Resp: 81765

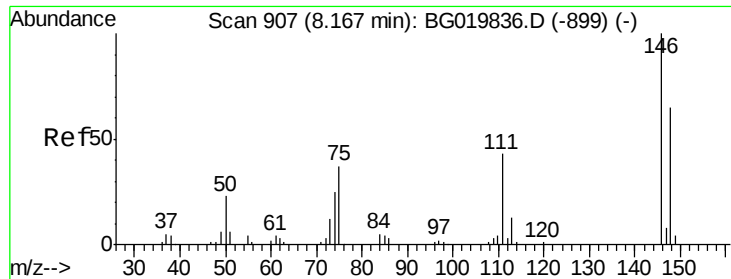
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

75 36.7 21.1 31.7#

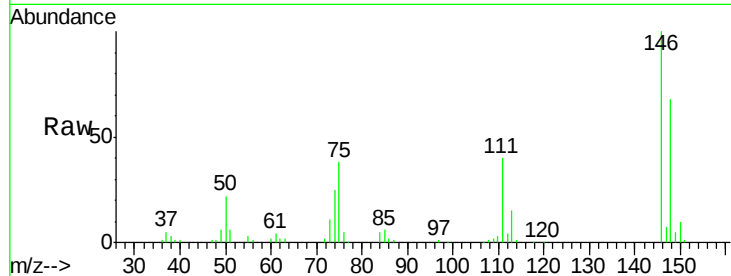




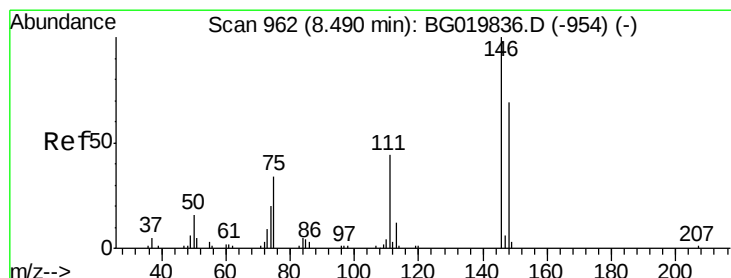
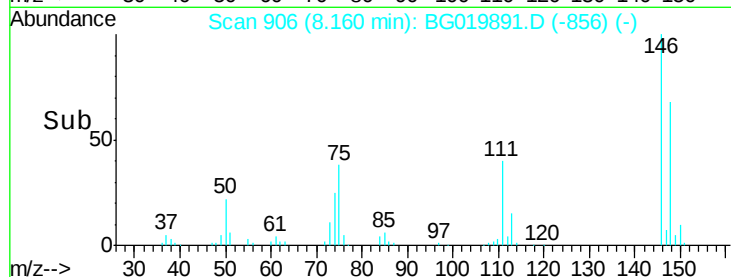
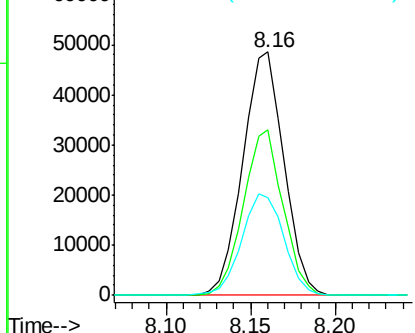
#13
 1,4-Dichlorobenzene
 Concen: 39.91 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 81910
 Ion Ratio Lower Upper
 146 100
 148 67.7 52.5 78.7
 111 40.0 28.3 42.5

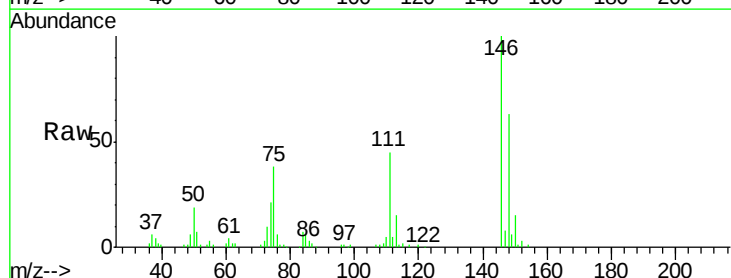


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

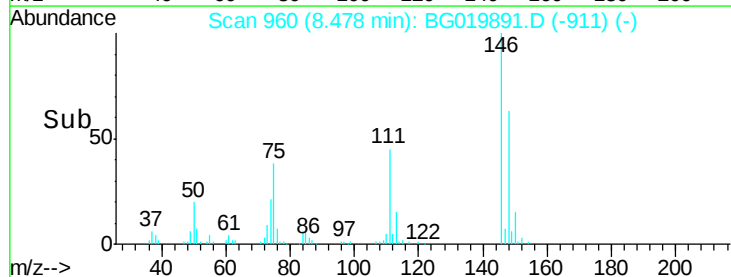
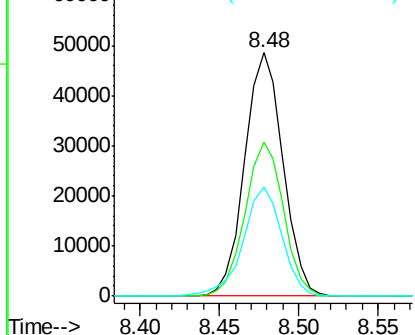


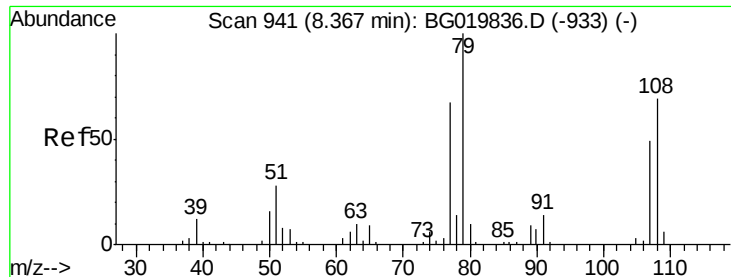
#14
 1,2-Dichlorobenzene
 Concen: 41.56 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion:146 Resp: 81364
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.5 78.7
 111 44.9 29.9 44.9



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





#15

Benzyl Alcohol

Concen: 40.60 ng

RT: 8.35 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

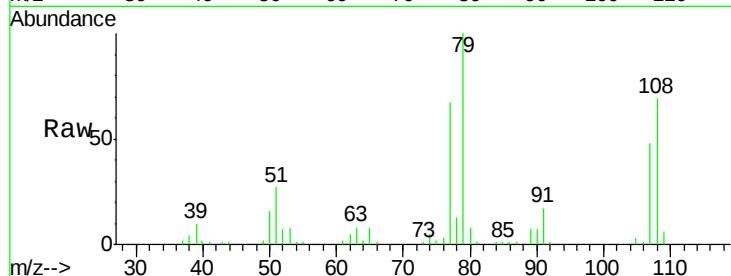
Tgt Ion: 79 Resp: 77349

Ion Ratio Lower Upper

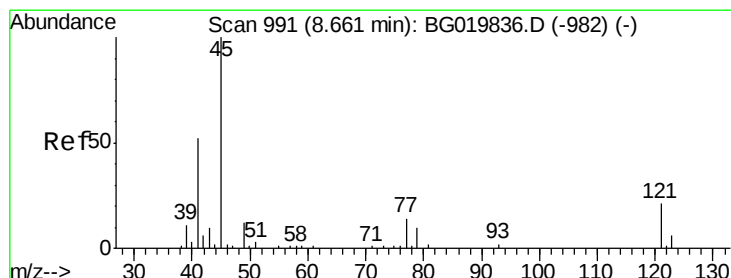
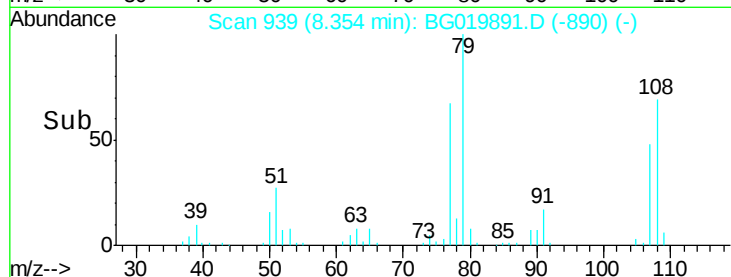
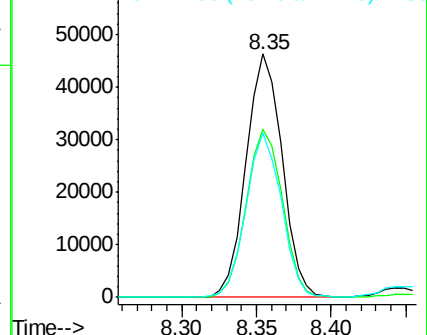
79 100

108 68.8 65.5 98.3

77 67.5 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.63 ng

RT: 8.65 min Scan# 990

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

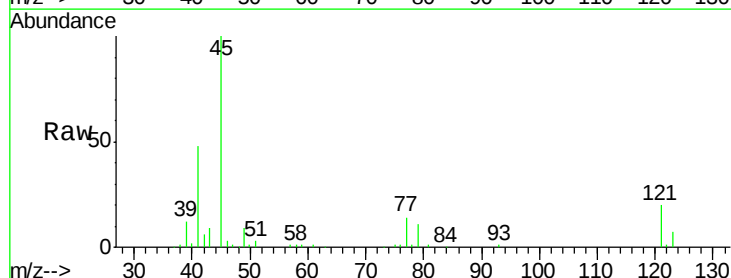
Tgt Ion: 45 Resp: 114895

Ion Ratio Lower Upper

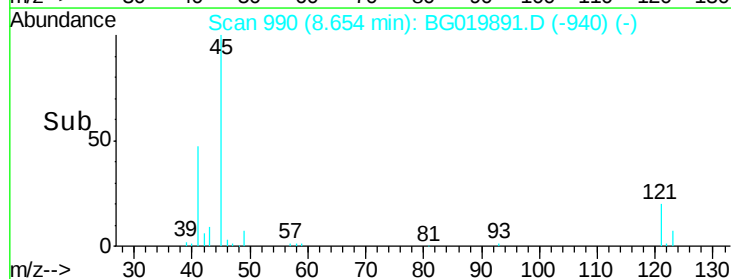
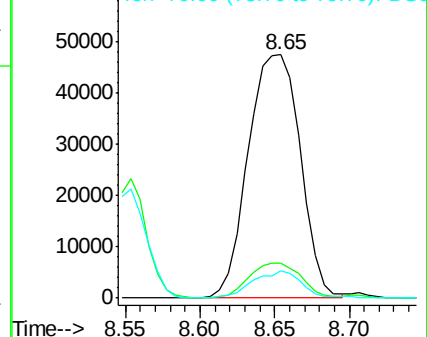
45 100

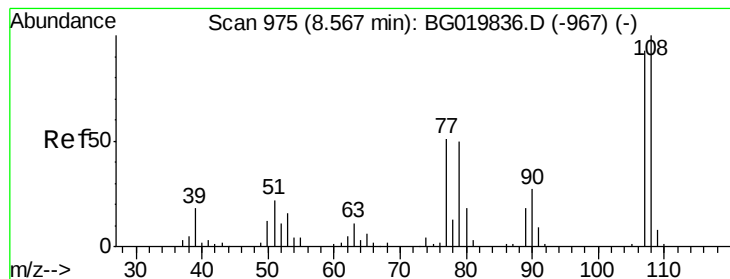
77 14.1 0.0 37.0

79 11.0 0.0 33.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.97 ng

RT: 8.55 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 69310

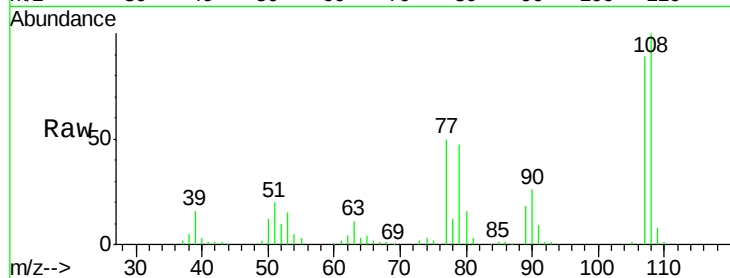
Ion Ratio Lower Upper

107 100

108 112.4 86.5 129.7

77 56.7 34.6 51.8#

79 52.4 32.3 48.5#



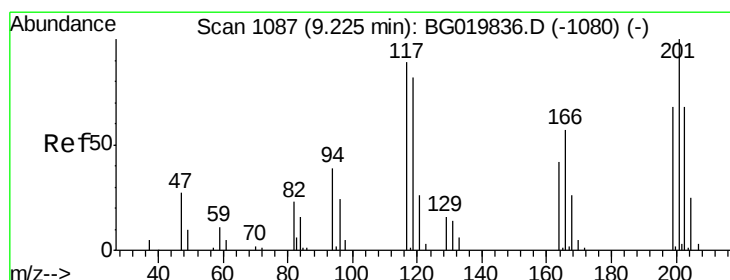
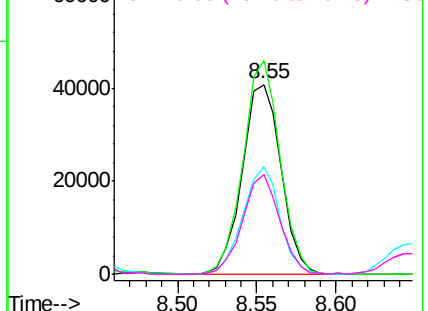
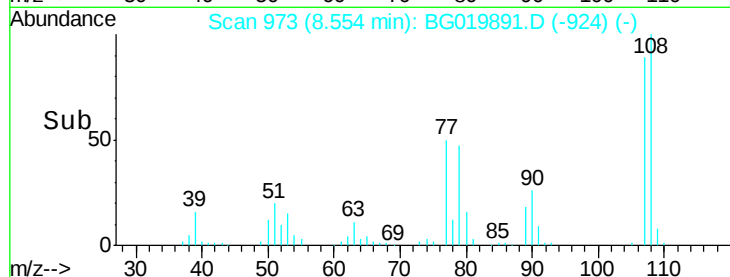
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.93 ng

RT: 9.22 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

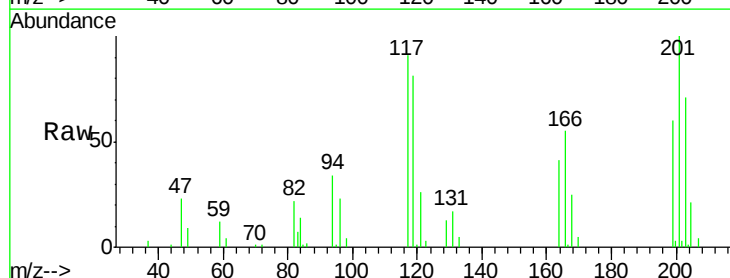
Tgt Ion:117 Resp: 32225

Ion Ratio Lower Upper

117 100

119 90.0 71.7 107.5

201 109.4 90.9 136.3

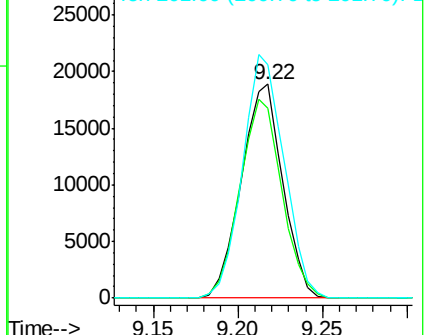
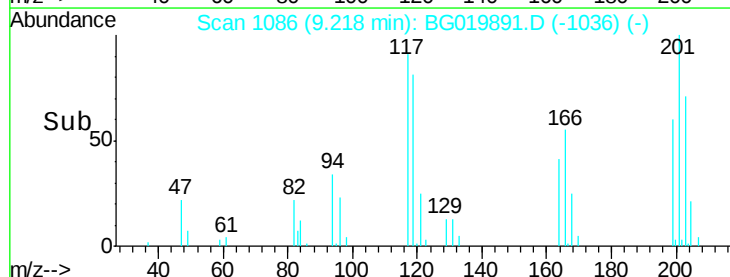


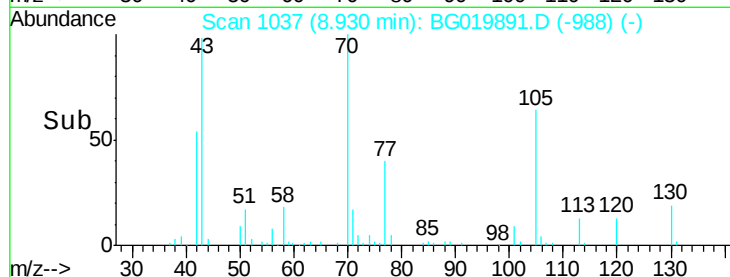
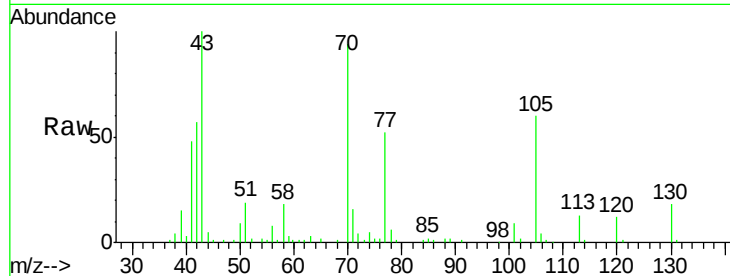
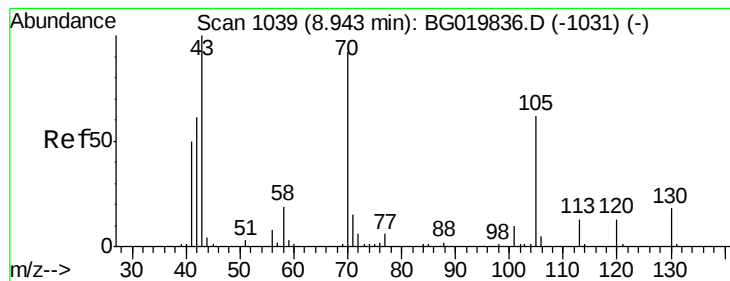
Abundance

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: 40.55 ng

RT: 8.93 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 69427

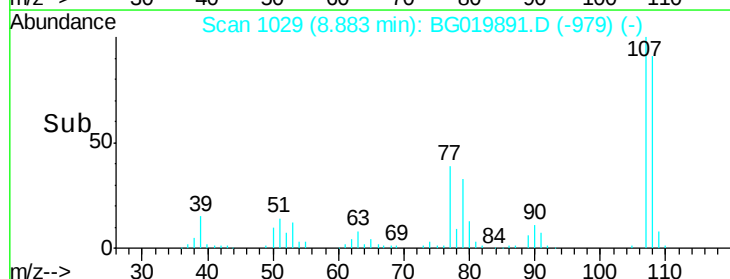
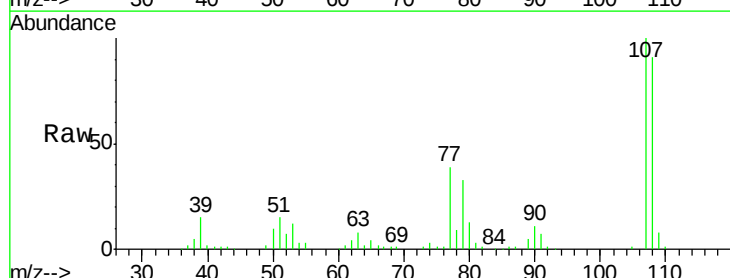
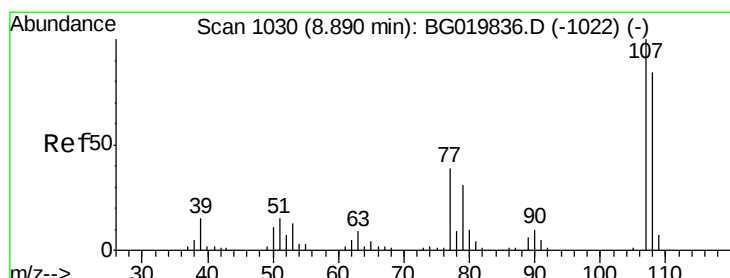
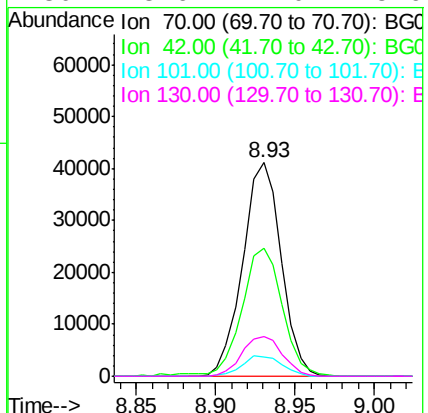
Ion Ratio Lower Upper

70 100

42 60.2 40.6 60.8

101 9.2 8.6 13.0

130 18.6 17.0 25.6



#20

3+4-Methylphenols

Concen: 42.15 ng

RT: 8.88 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Tgt Ion: 107 Resp: 95730

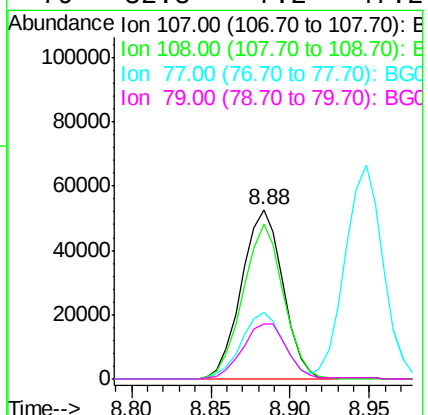
Ion Ratio Lower Upper

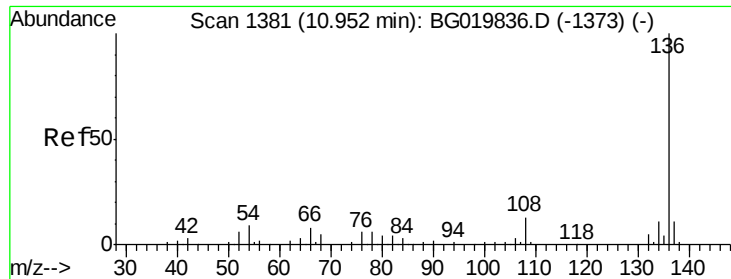
107 100

108 91.5 72.2 112.2

77 39.5 13.4 53.4

79 32.8 7.2 47.2

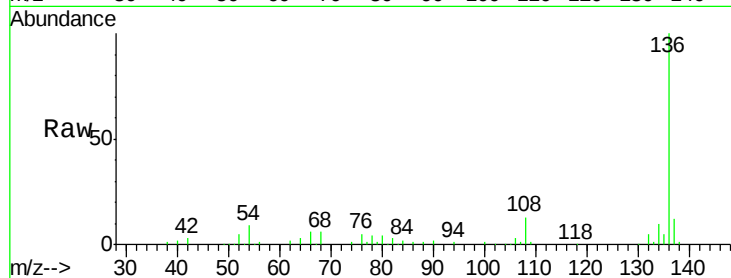




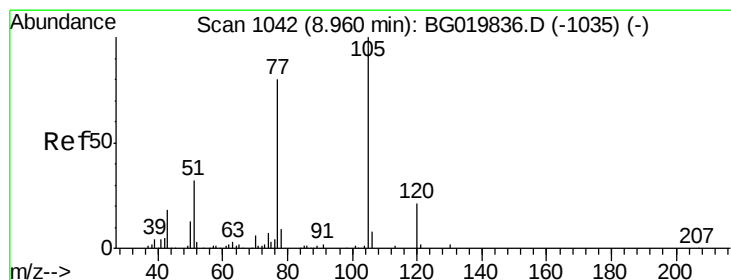
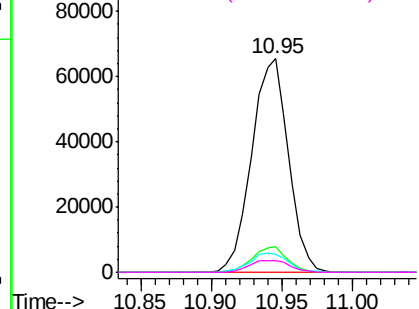
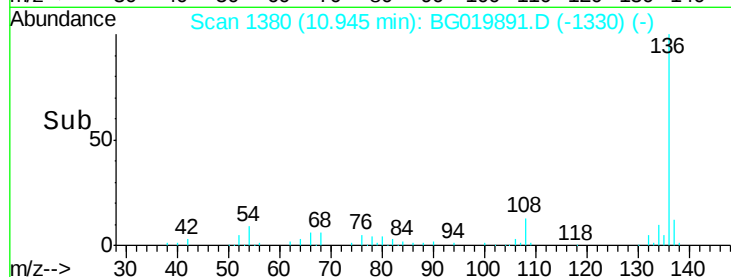
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	119361
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.6	12.8
54	8.6	5.4	8.2#
68	5.7	5.3	7.9

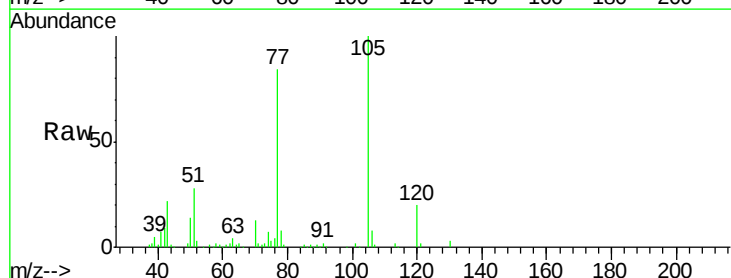


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

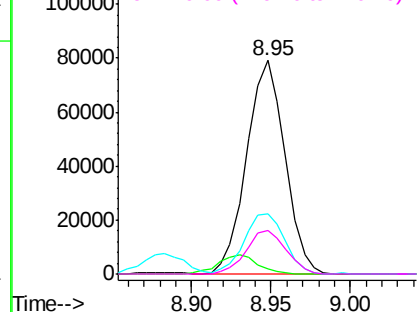
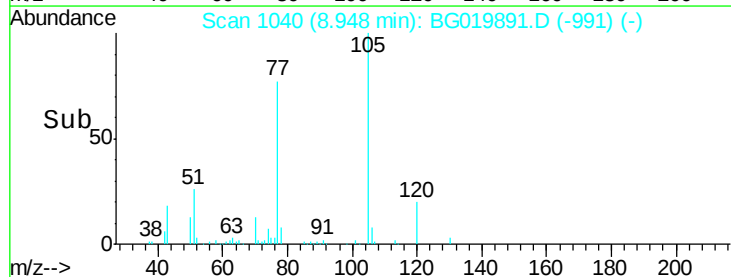


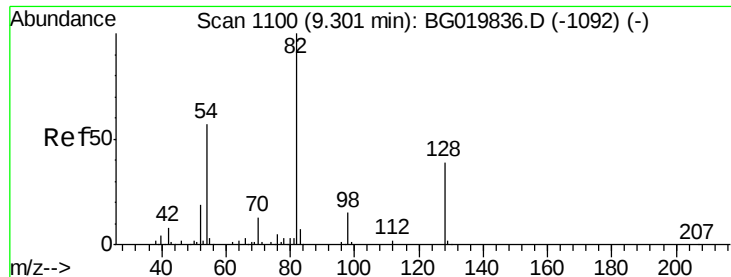
#22
Acetophenone
Concen: 40.59 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion:	105	Resp:	132803
Ion Ratio	Lower	Upper	
105	100		
71	2.1	2.1	3.1
51	28.1	17.8	26.8#
120	20.1	17.7	26.5



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

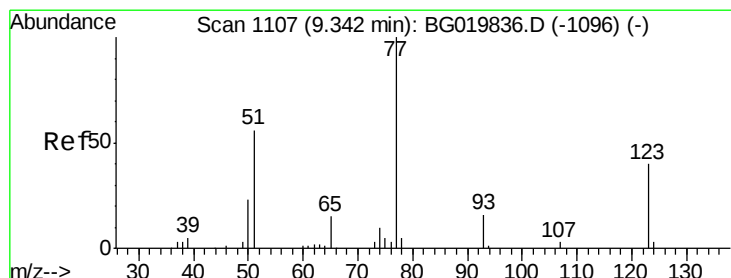
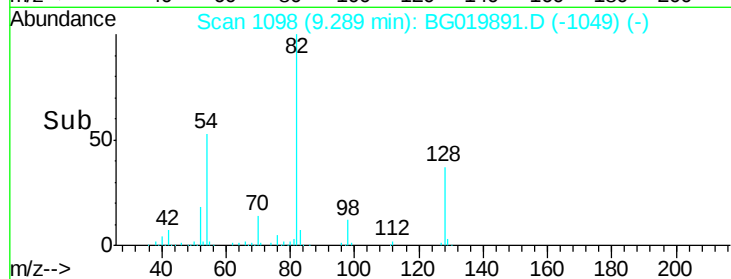
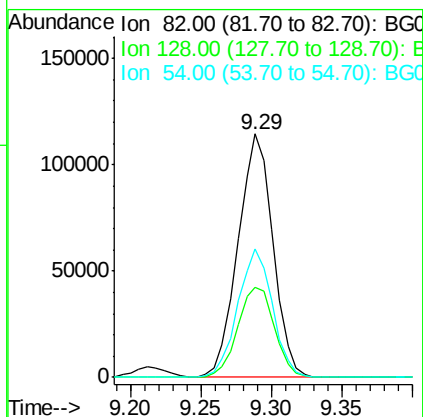
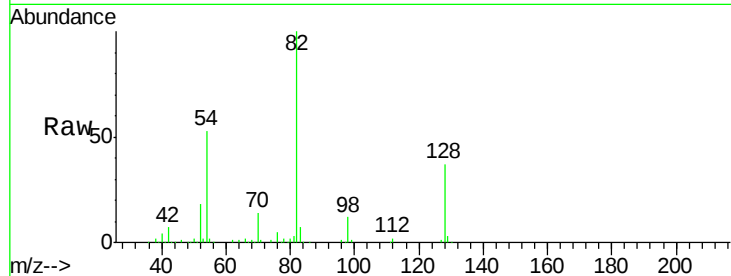




#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

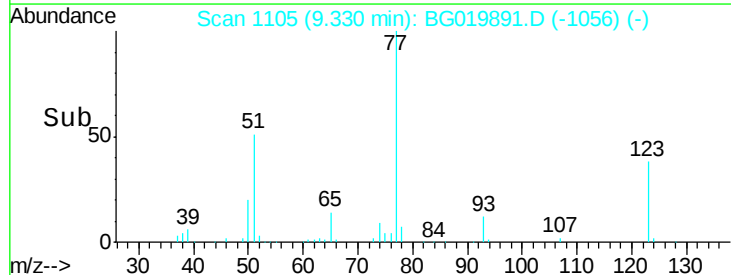
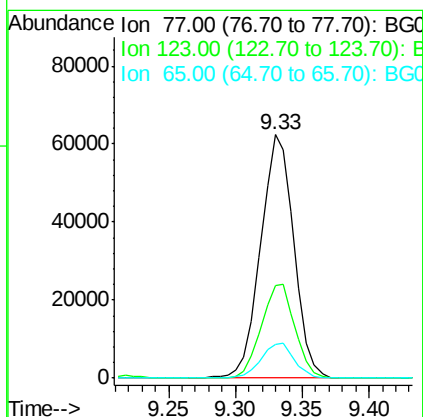
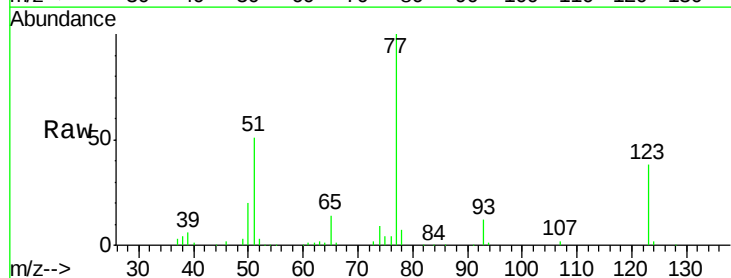
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

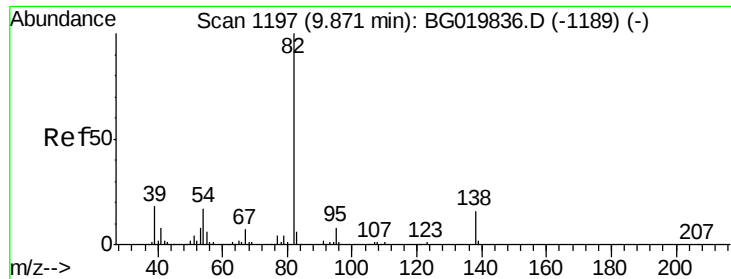
Tgt Ion: 82 Resp: 197817
Ion Ratio Lower Upper
82 100
128 37.2 36.7 55.1
54 52.8 33.8 50.8#



#24
Nitrobenzene
Concen: 42.30 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion: 77 Resp: 107314
Ion Ratio Lower Upper
77 100
123 38.3 38.2 57.2
65 14.1 10.6 16.0





#25

Isophorone

Concen: 40.30 ng

RT: 9.86 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

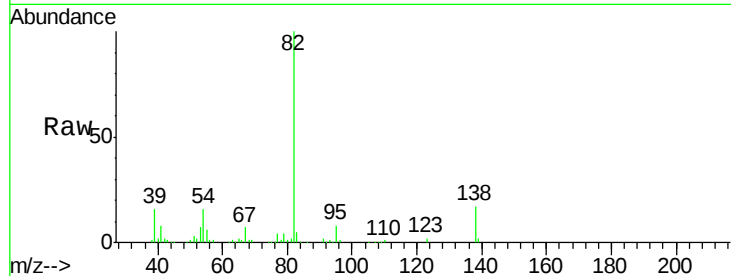
Tgt Ion: 82 Resp: 202047

Ion Ratio Lower Upper

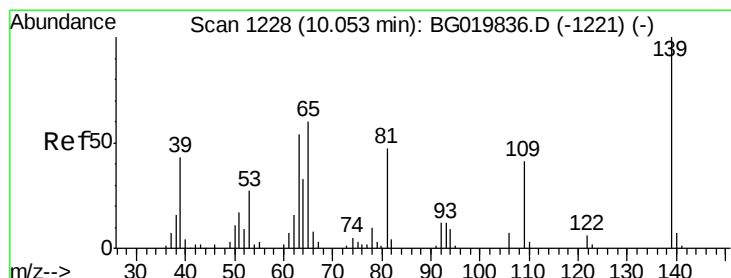
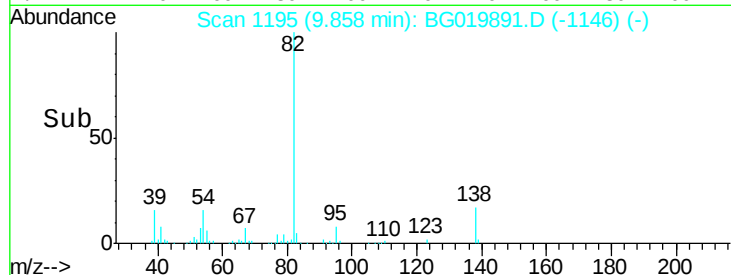
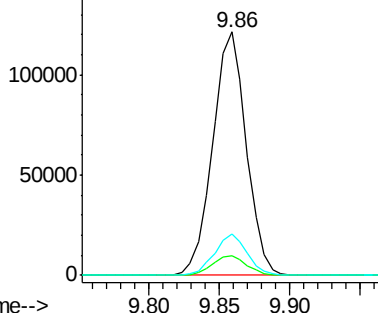
82 100

95 8.1 5.2 7.8#

138 16.8 14.4 21.6



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: 44.78 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

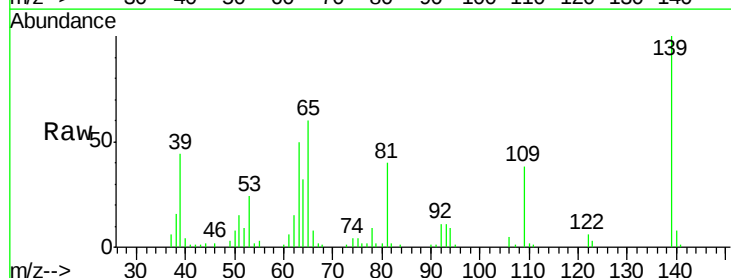
Tgt Ion: 139 Resp: 43880

Ion Ratio Lower Upper

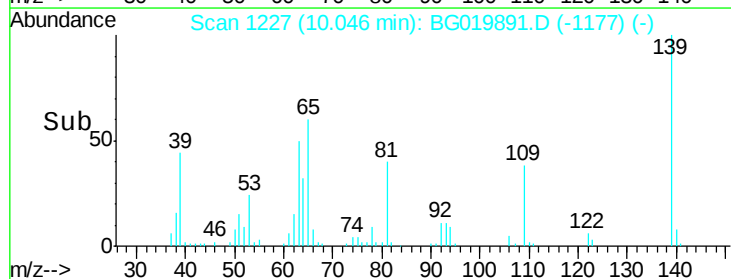
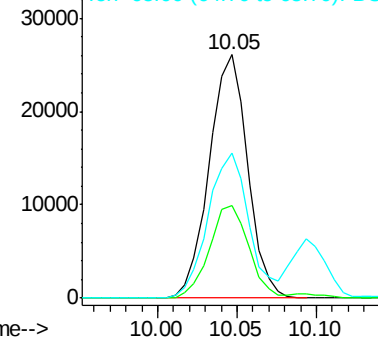
139 100

109 37.8 20.1 30.1#

65 59.8 34.1 51.1#



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: 40.27 ng

RT: 10.09 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

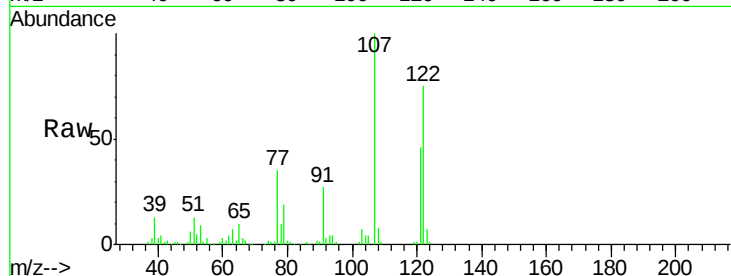
Tgt Ion:122 Resp: 82158

Ion Ratio Lower Upper

122 100

107 133.2 91.6 137.4

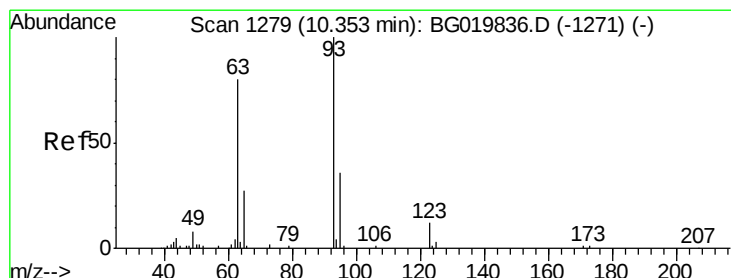
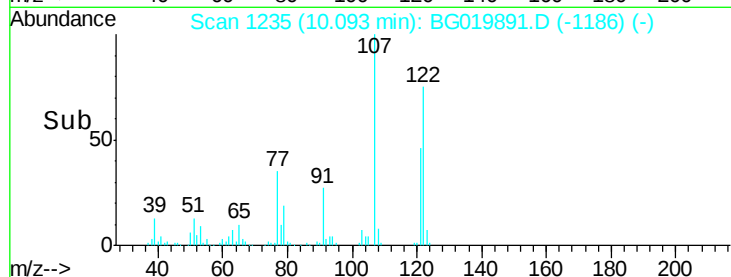
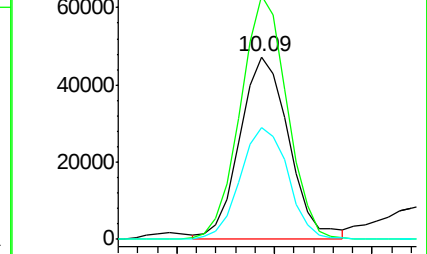
121 61.3 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.97 ng

RT: 10.34 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

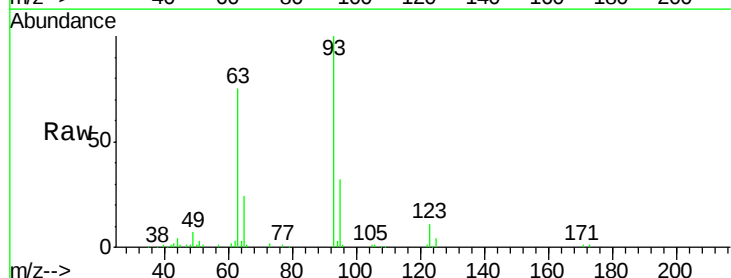
Tgt Ion: 93 Resp: 102834

Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

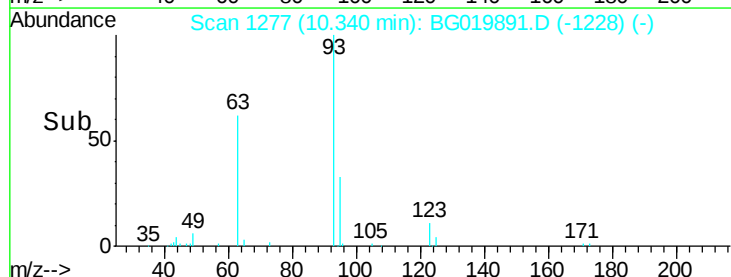
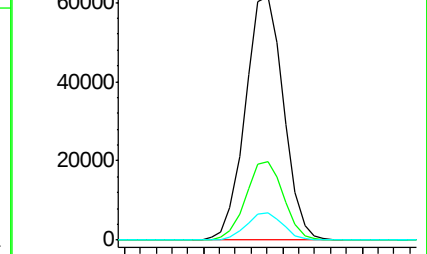
123 11.1 8.6 12.8

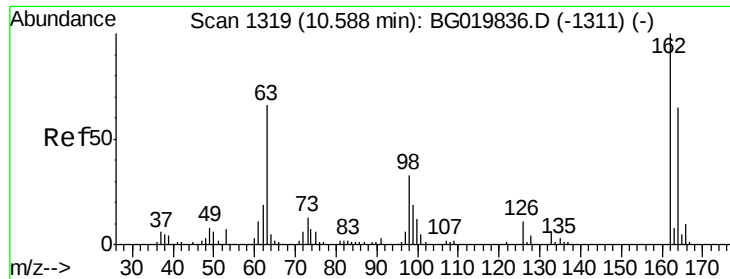


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

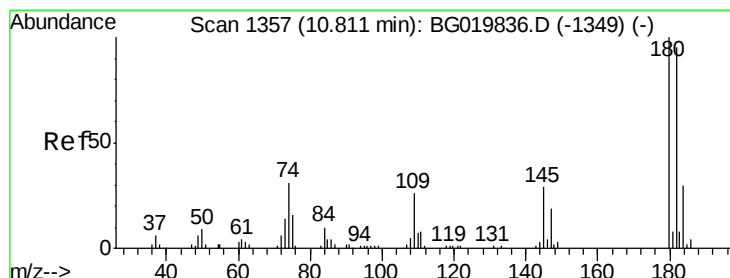
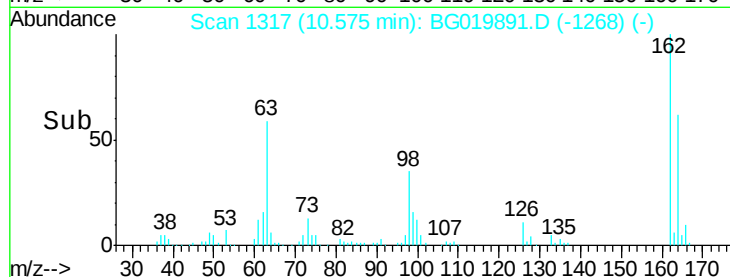
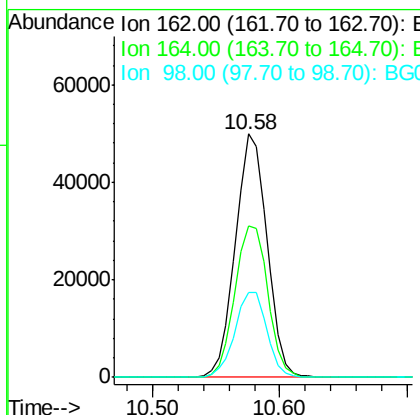
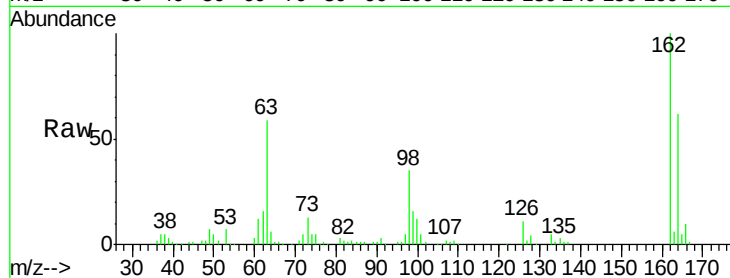




#29
2,4-Dichlorophenol
Concen: 41.37 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

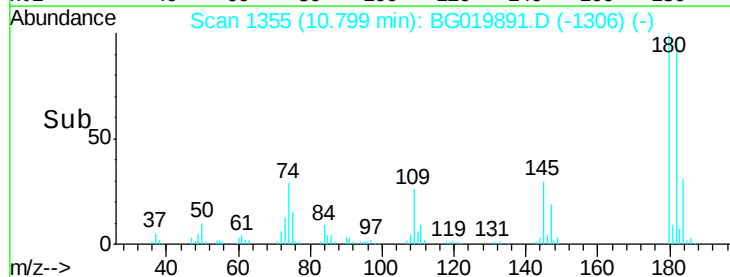
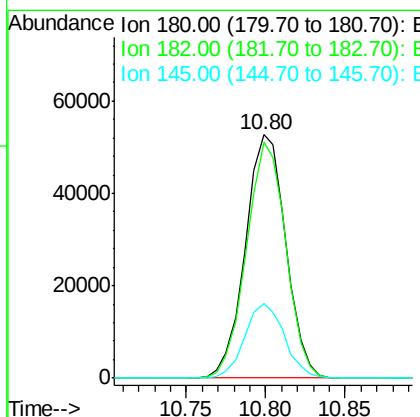
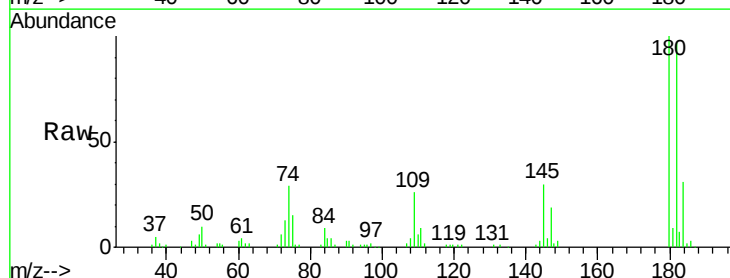
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.3	82.3
98	34.7	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 39.53 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	79.7	119.5
145	30.4	22.0	33.0





#31

Naphthalene

Concen: 40.99 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

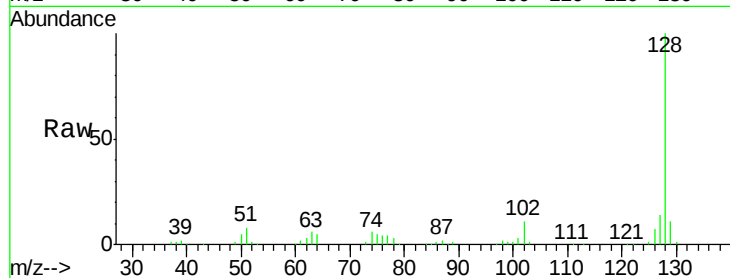
Tgt Ion:128 Resp: 262075

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

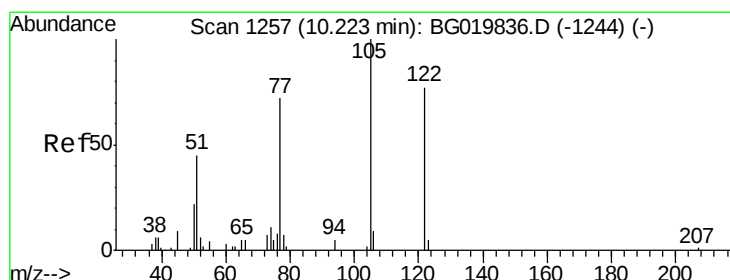
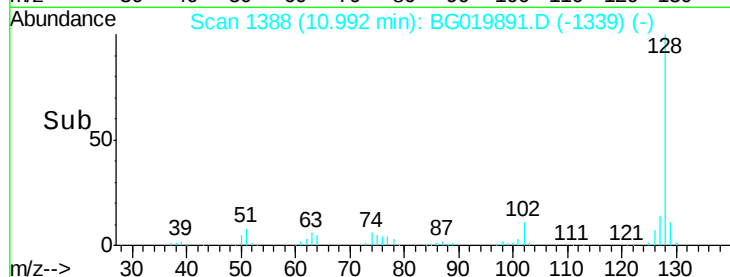
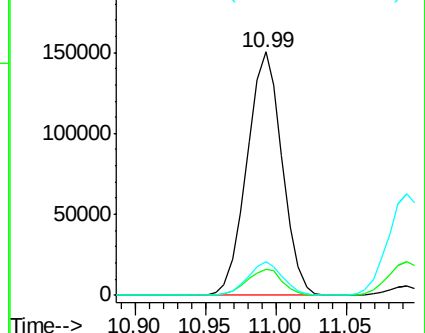
127 13.6 10.6 16.0



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: 47.63 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

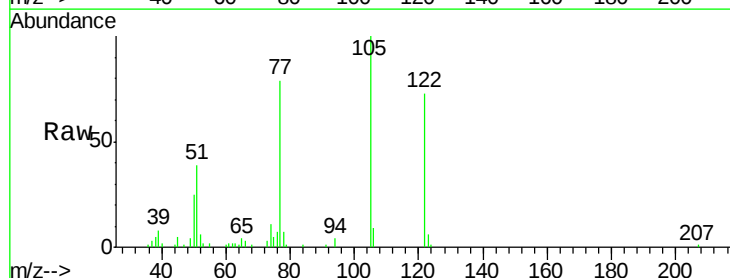
Tgt Ion:122 Resp: 65418

Ion Ratio Lower Upper

122 100

105 137.3 103.8 143.8

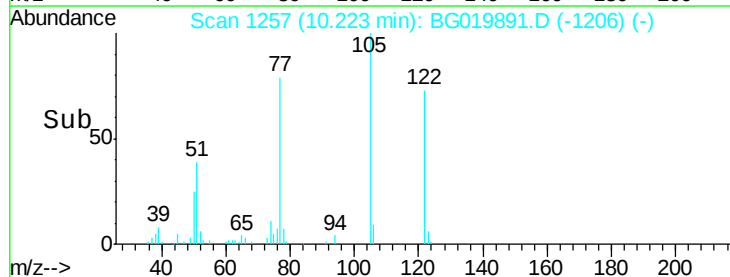
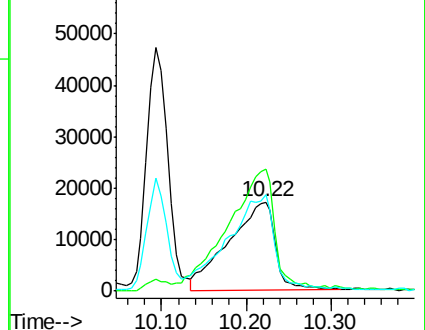
77 107.8 68.8 108.8

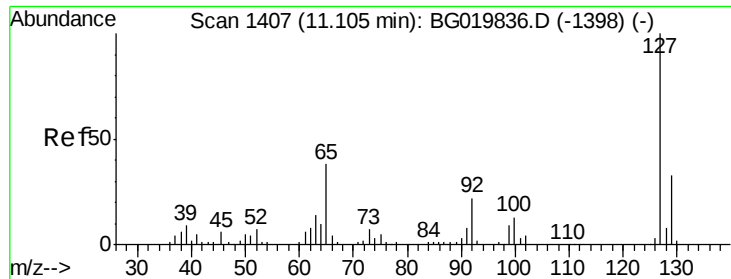


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

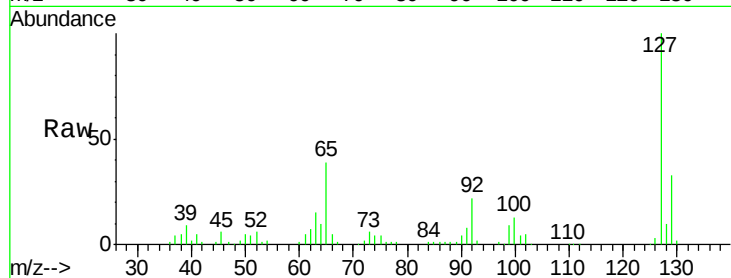




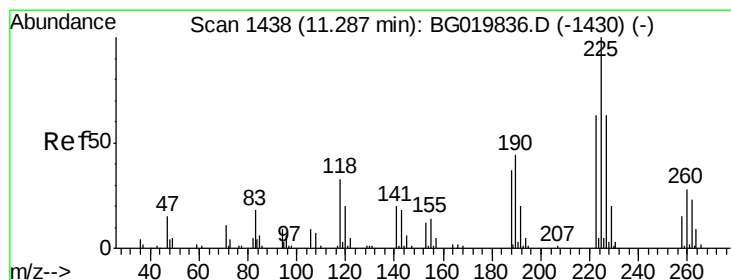
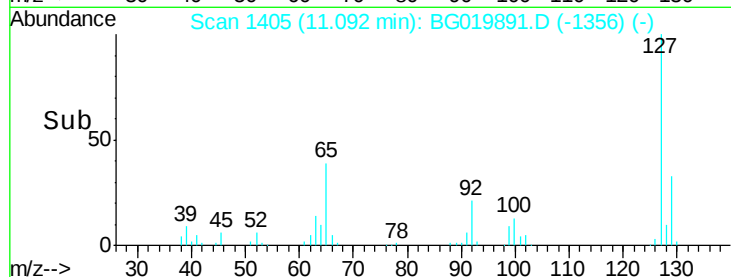
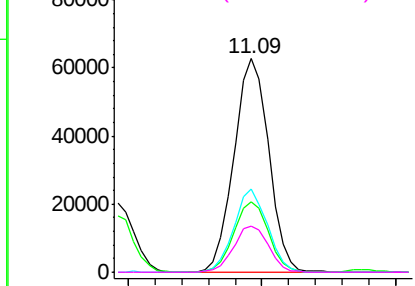
#33
4-Chloroaniline
Concen: 40.27 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 113460
Ion Ratio Lower Upper
127 100
129 33.2 24.6 37.0
65 39.0 22.6 33.8#
92 21.8 15.1 22.7

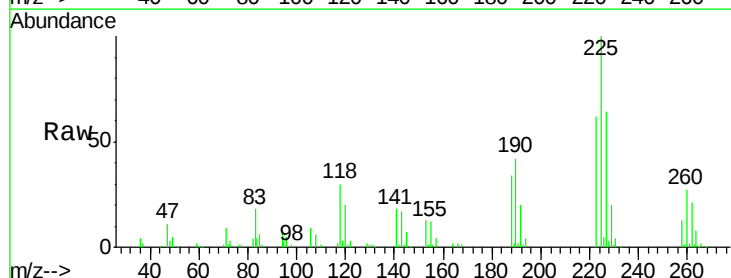


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

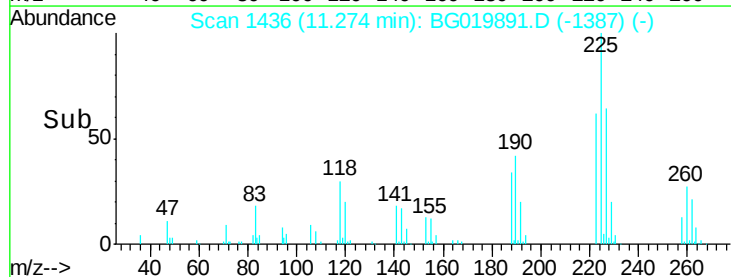
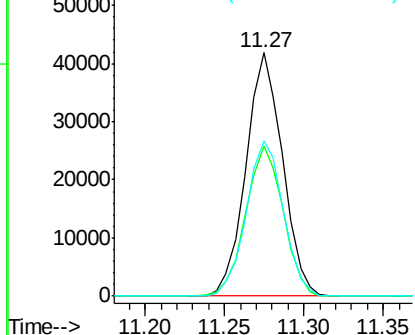


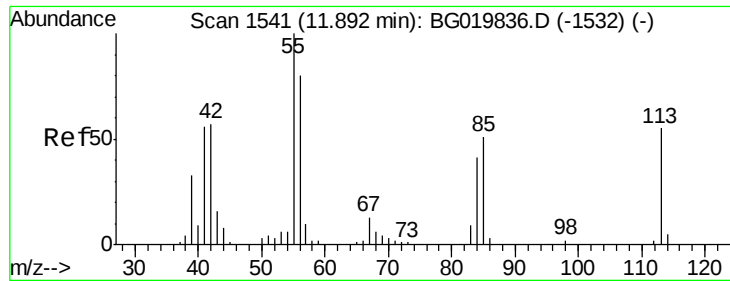
#34
Hexachlorobutadiene
Concen: 38.52 ng
RT: 11.27 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion:225 Resp: 66932
Ion Ratio Lower Upper
225 100
223 61.8 51.0 76.4
227 63.8 51.8 77.8



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

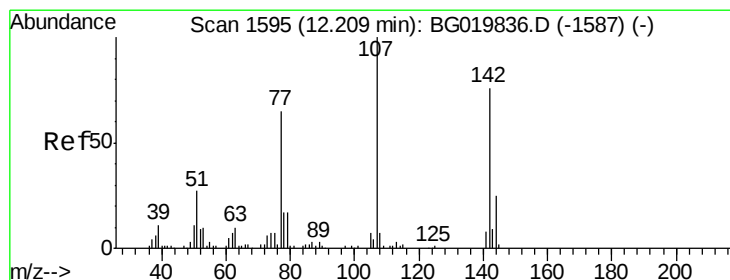
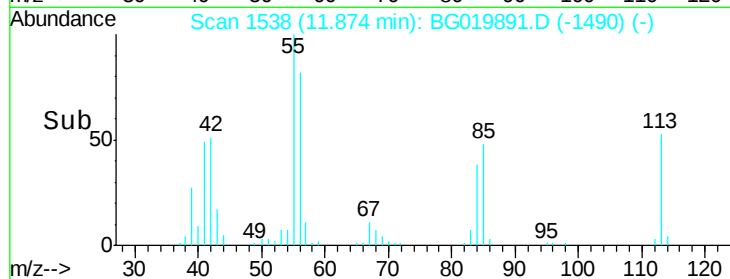
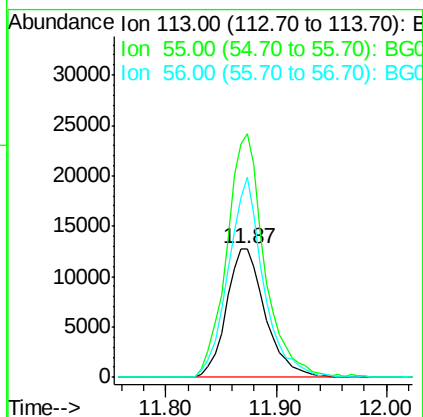
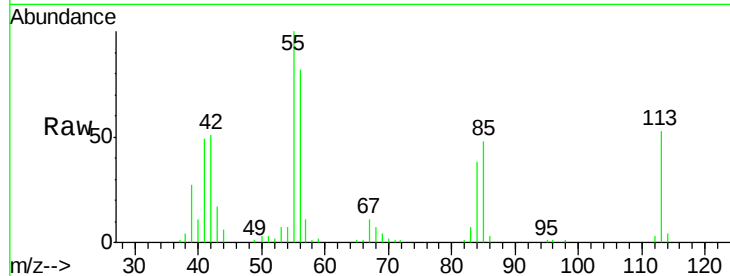




#35
 Caprolactam
 Concen: 40.44 ng
 RT: 11.87 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

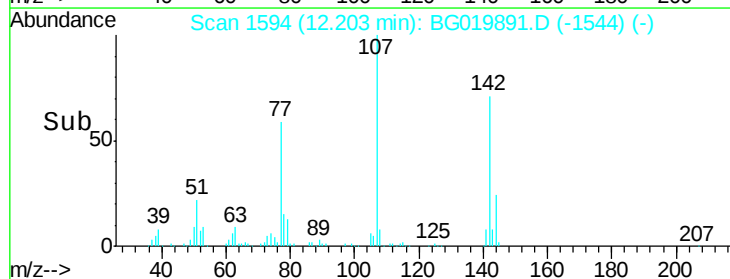
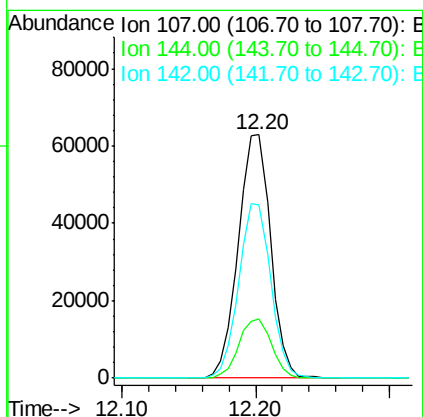
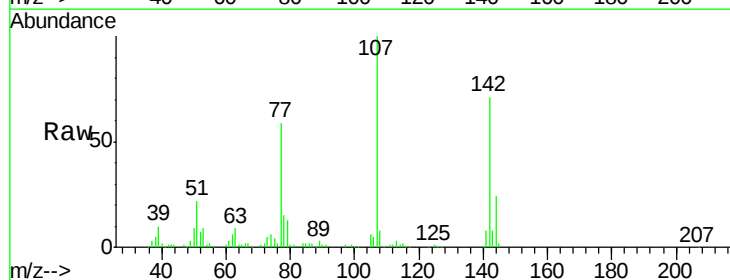
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

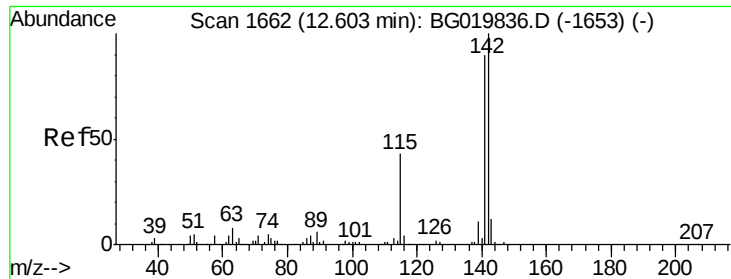
Tgt Ion:113 Resp: 31381
 Ion Ratio Lower Upper
 113 100
 55 188.9 135.0 175.0#
 56 154.8 83.4 123.4#



#36
 4-Chloro-3-methylphenol
 Concen: 40.69 ng
 RT: 12.20 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion:107 Resp: 105638
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.6 31.0
 142 71.3 62.6 93.8

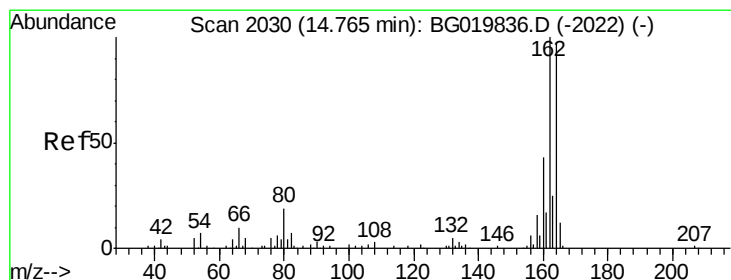
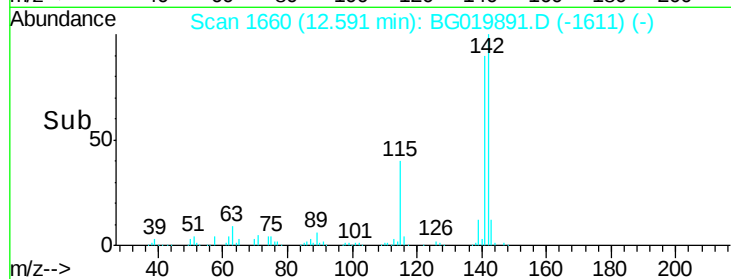
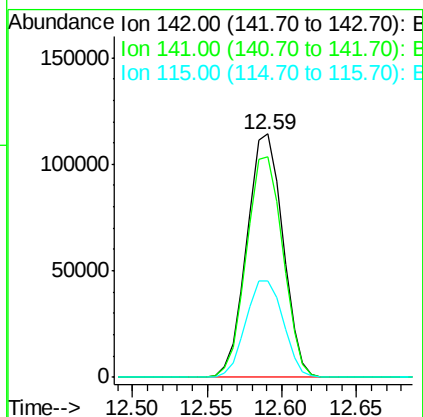
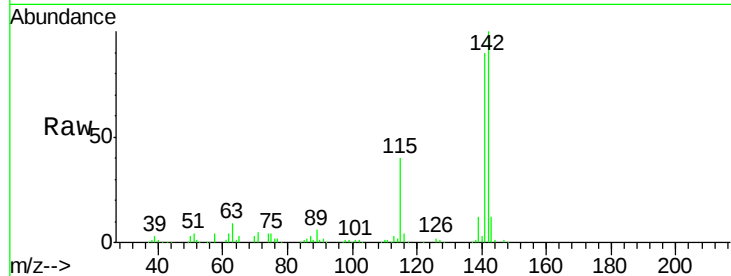




#37
 2-Methylnaphthalene
 Concen: 40.77 ng
 RT: 12.59 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

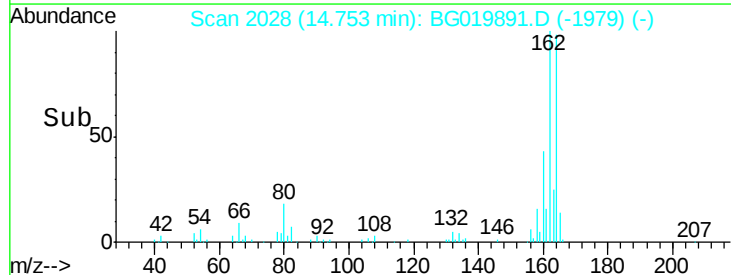
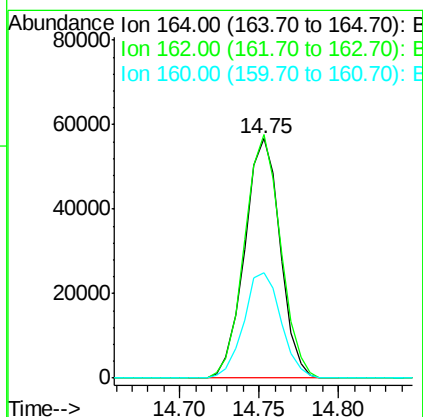
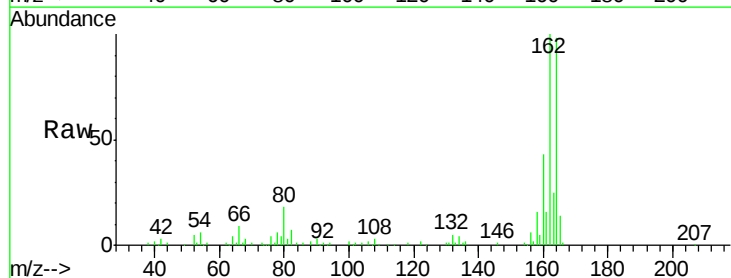
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

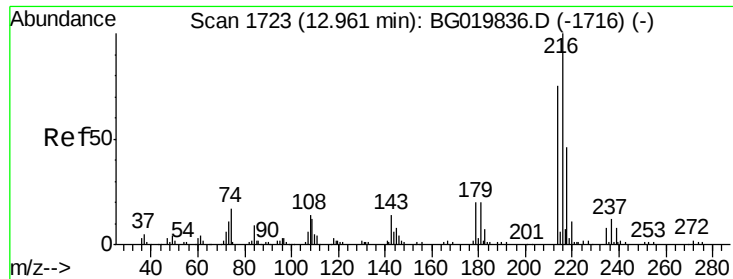
Tgt Ion:142 Resp: 191045
 Ion Ratio Lower Upper
 142 100
 141 90.5 74.6 112.0
 115 39.9 27.4 41.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion:164 Resp: 88093
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 44.2 36.4 54.6

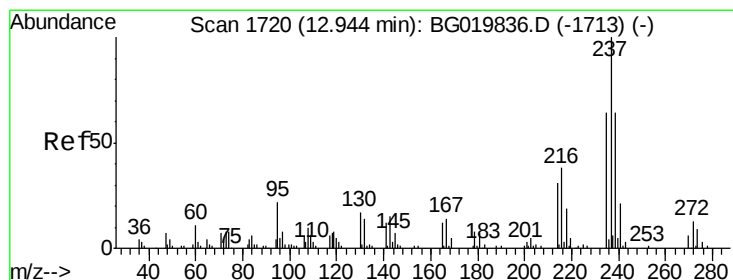
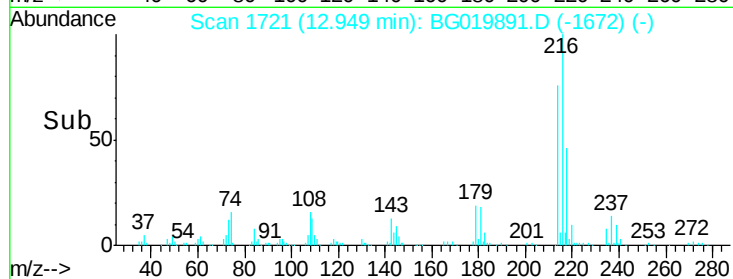
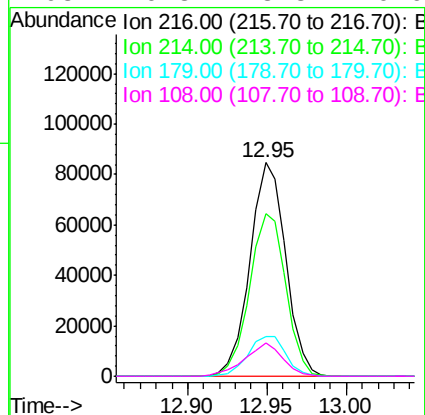
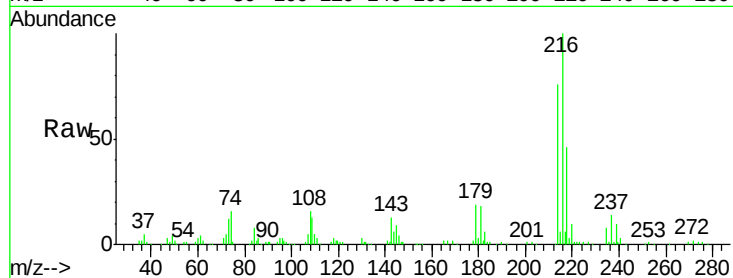




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.63 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

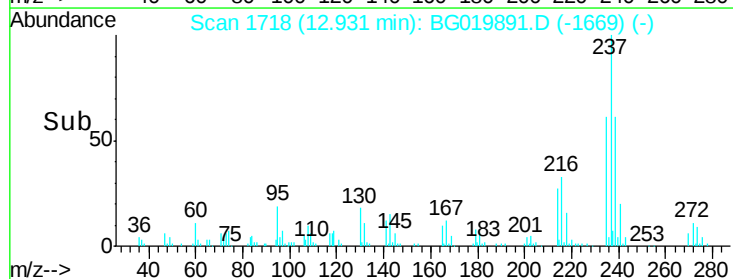
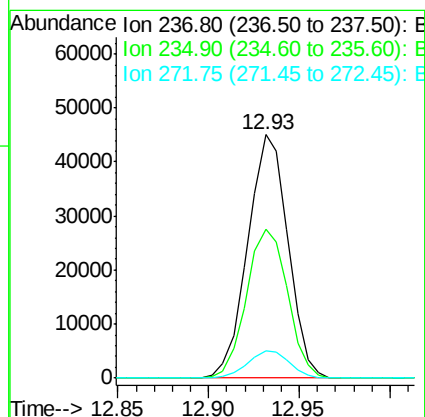
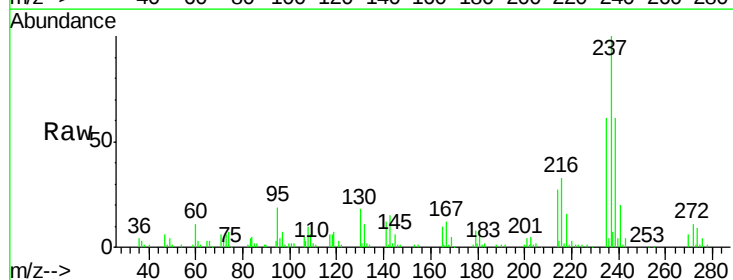
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	132468
Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.5	93.7
179	19.9	15.6	23.4
108	16.3	13.3	19.9



#40
 Hexachlorocyclopentadiene
 Concen: 36.44 ng
 RT: 12.93 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion:	237	Resp:	69459
Ion	Ratio	Lower	Upper
237	100		
235	61.1	44.6	84.6
272	11.0	0.0	32.8

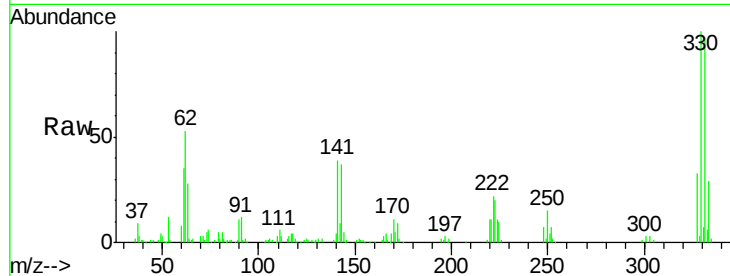




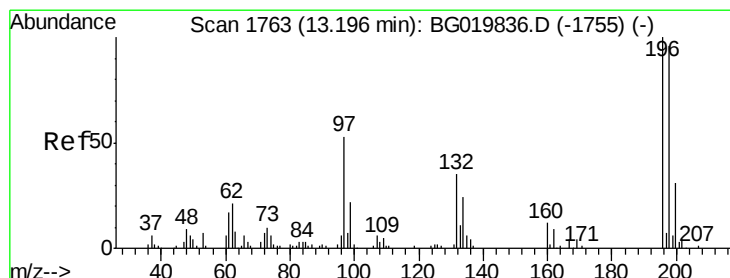
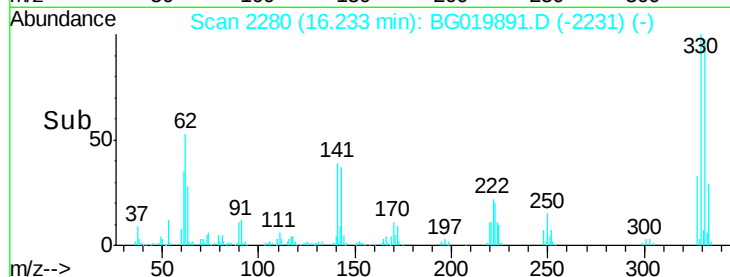
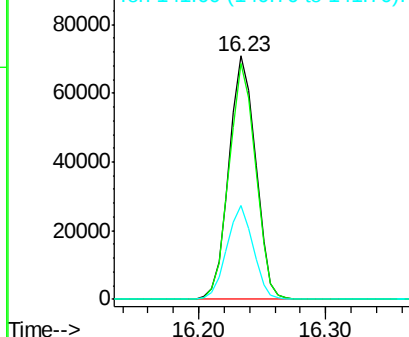
#41
 2,4,6-Tribromophenol
 Concen: 76.59 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 103241
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.1 117.1
 141 37.9 28.2 42.2

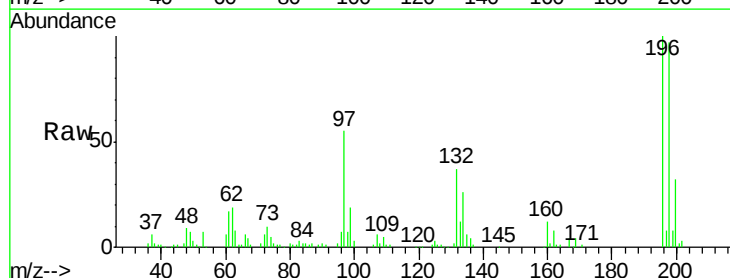


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

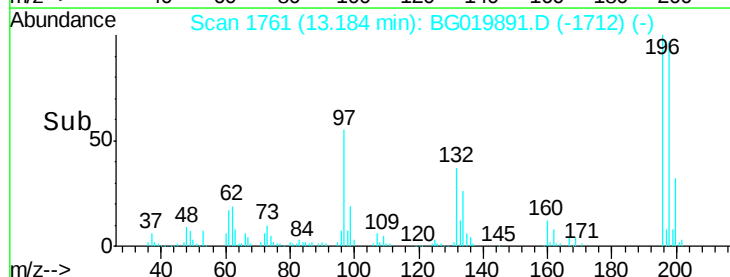
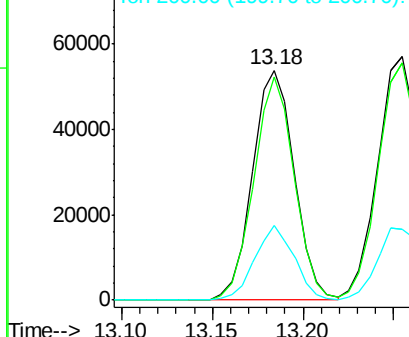


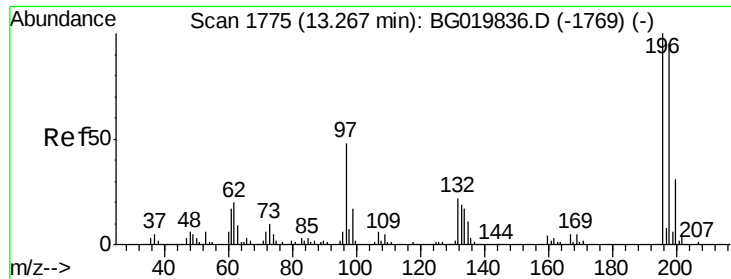
#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 13.18 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion:196 Resp: 86120
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.7 112.1
 200 32.4 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

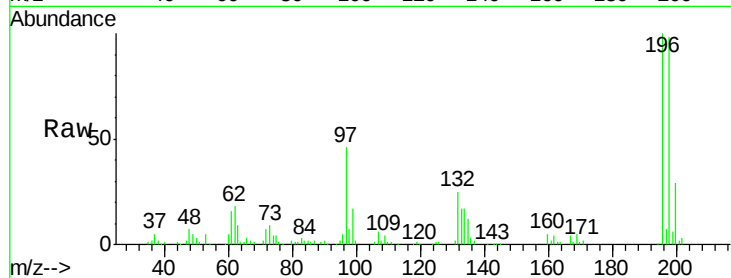




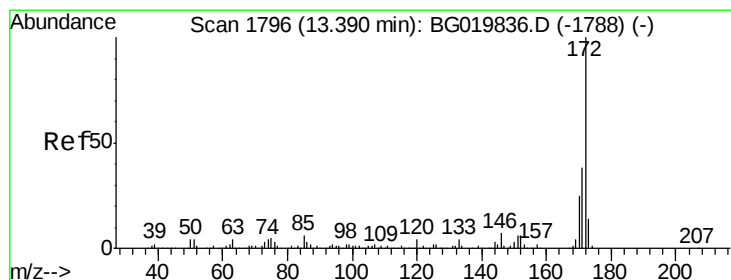
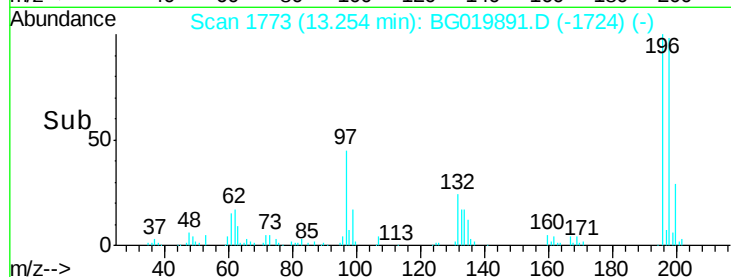
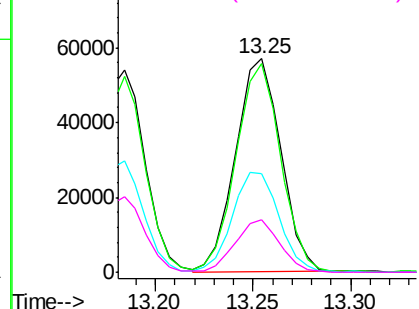
#43
2,4,5-Trichlorophenol
Concen: 39.24 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 91788
Ion Ratio Lower Upper
196 100
198 97.6 75.2 112.8
97 45.9 34.2 51.2
132 24.6 21.8 32.6

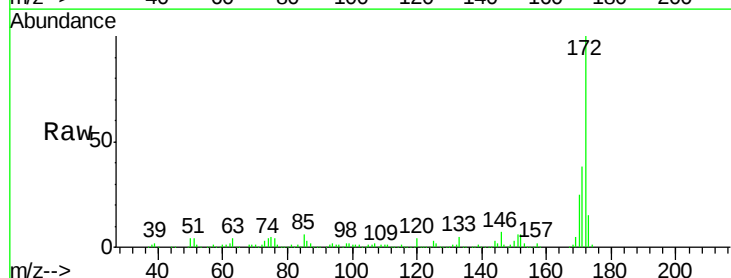


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

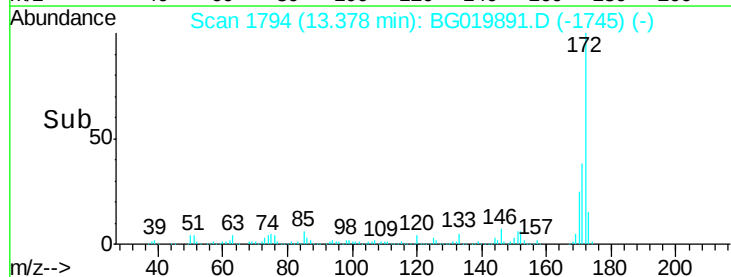
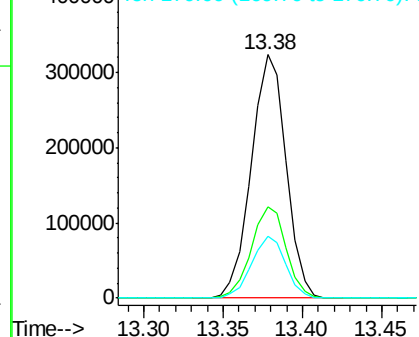


#44
2-Fluorobiphenyl
Concen: 76.55 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion:172 Resp: 493899
Ion Ratio Lower Upper
172 100
171 37.6 29.0 43.6
170 25.3 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

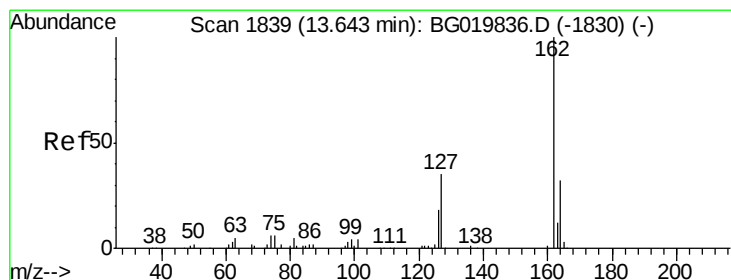
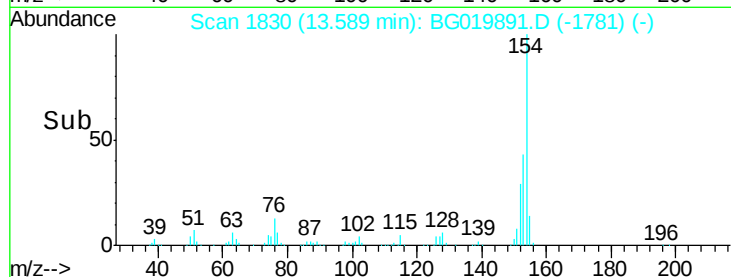
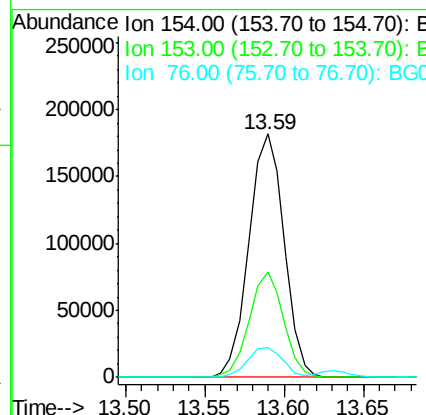
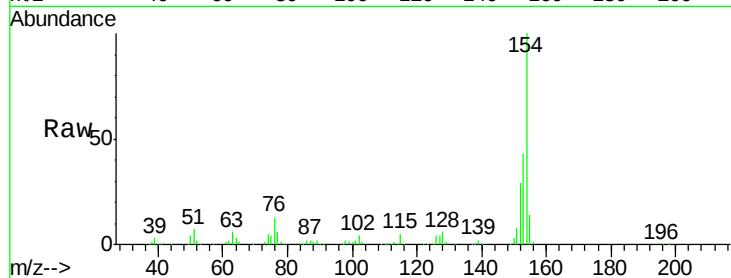




#45
 1,1'-Biphenyl
 Concen: 38.71 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

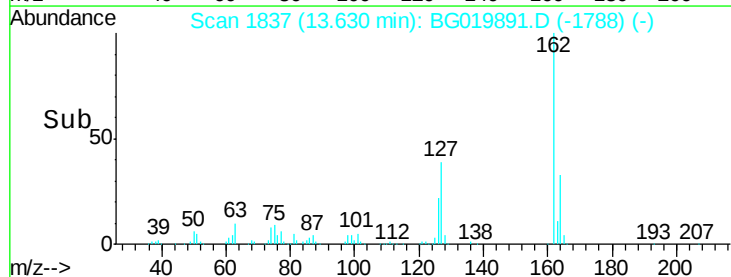
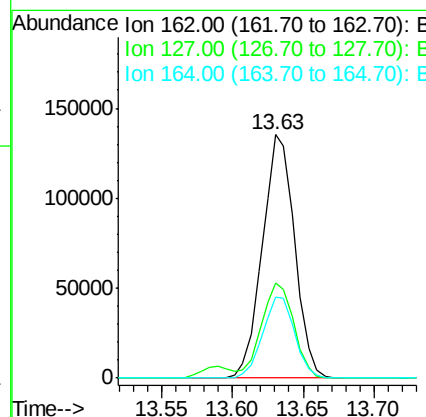
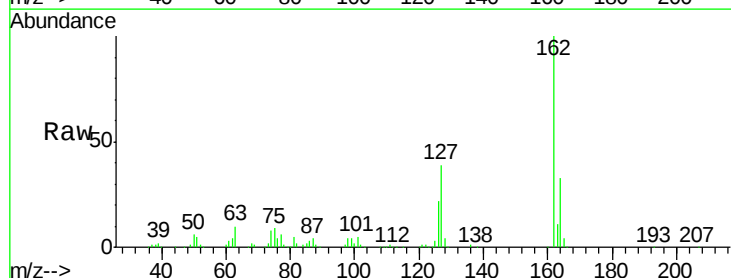
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

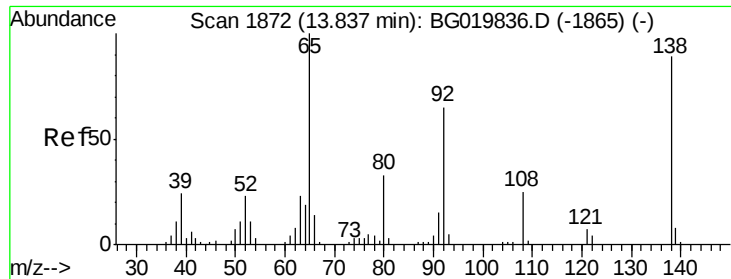
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	21.9	61.9
76	12.5	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 38.98 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	28.3	42.5
164	33.0	27.4	41.0

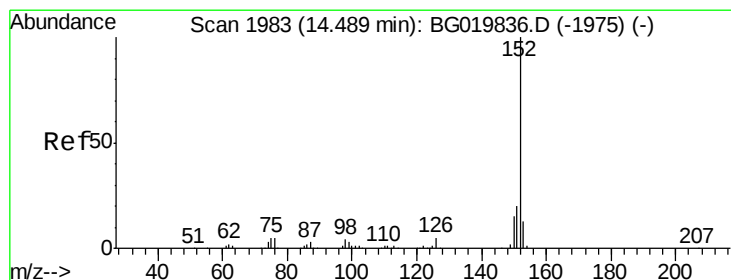
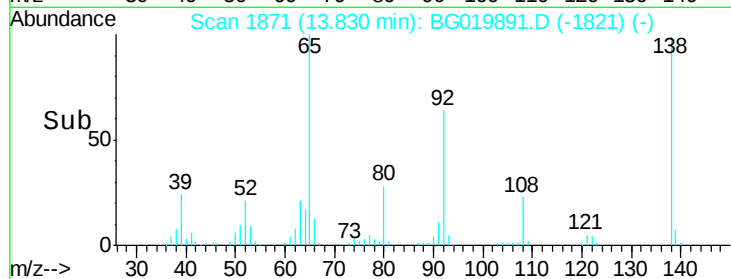
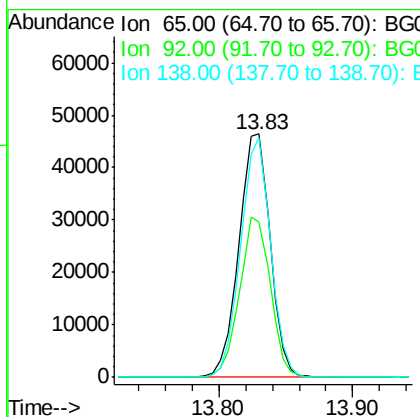
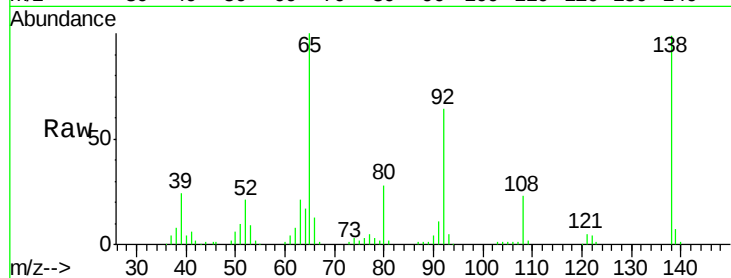




#47
2-Nitroaniline
Concen: 42.66 ng
RT: 13.83 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

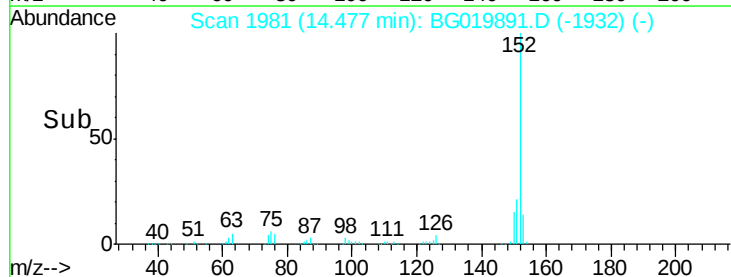
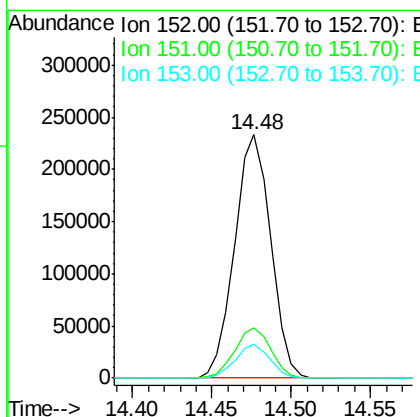
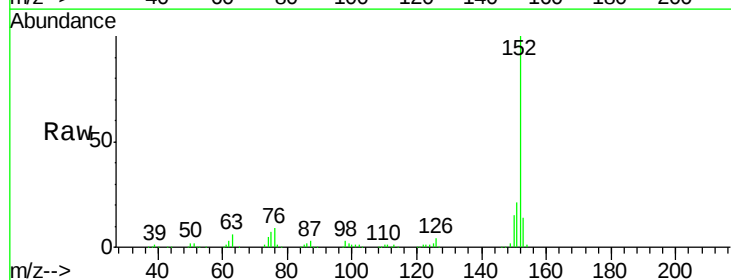
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 75091
Ion Ratio Lower Upper
65 100
92 63.9 54.8 82.2
138 98.5 89.6 134.4



#48
Acenaphthylene
Concen: 38.73 ng
RT: 14.48 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion: 152 Resp: 367648
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.4
153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 37.48 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

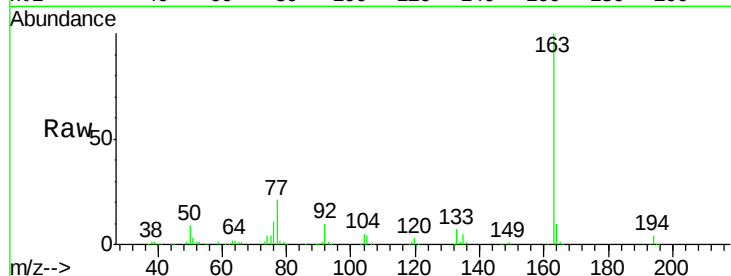
Tgt Ion:163 Resp: 297028

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

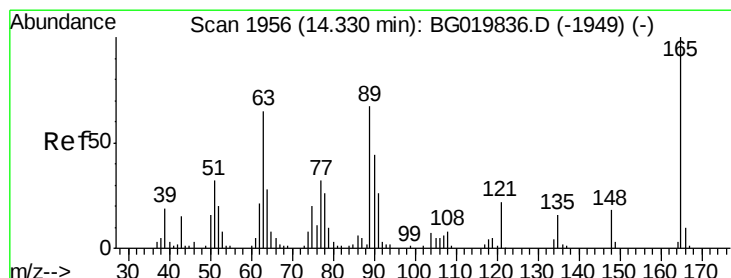
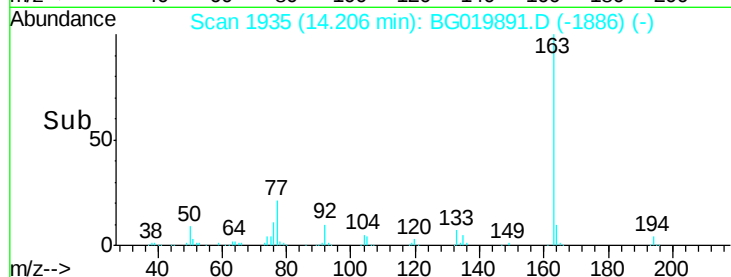
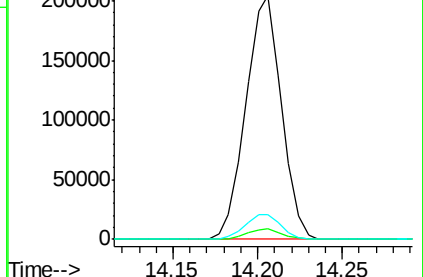
164 10.0 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.81 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

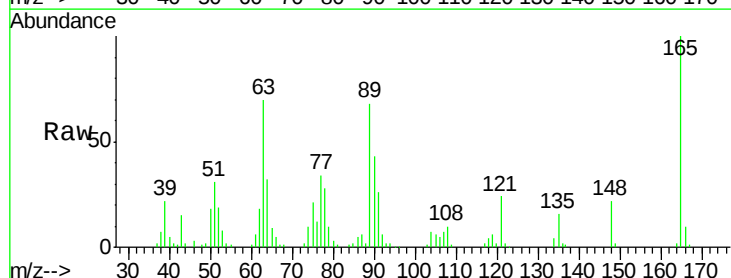
Tgt Ion:165 Resp: 62298

Ion Ratio Lower Upper

165 100

63 69.9 35.7 53.5#

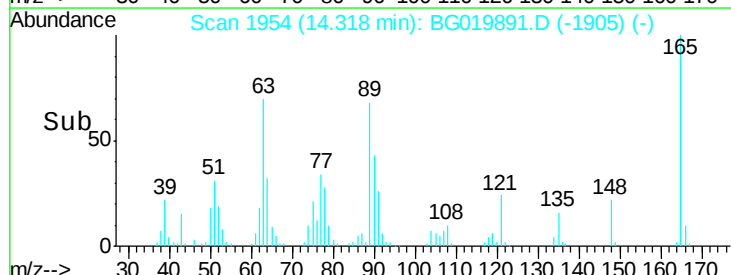
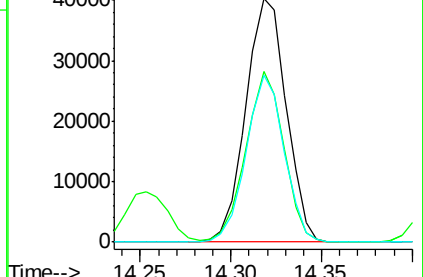
89 68.5 39.7 59.5#

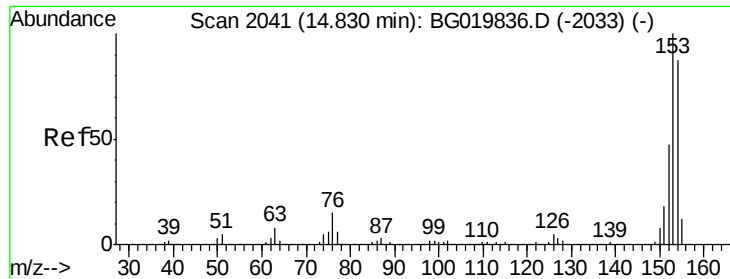


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.29 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

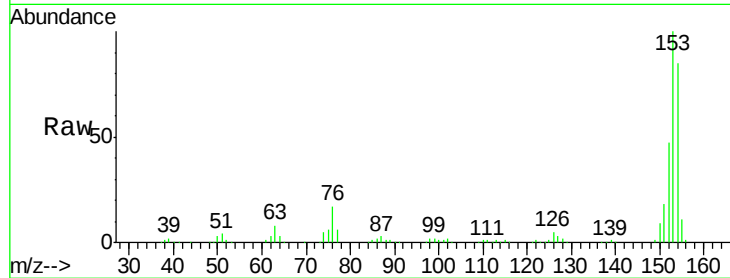
Tgt Ion:154 Resp: 226304

Ion Ratio Lower Upper

154 100

153 117.7 92.9 139.3

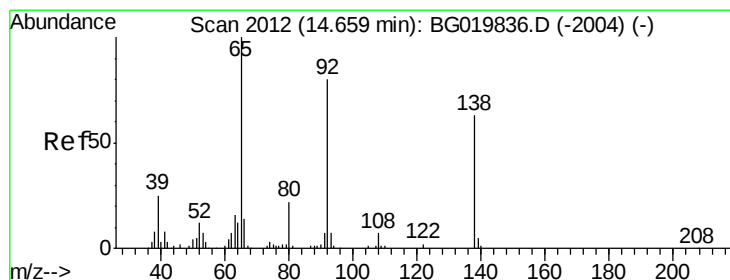
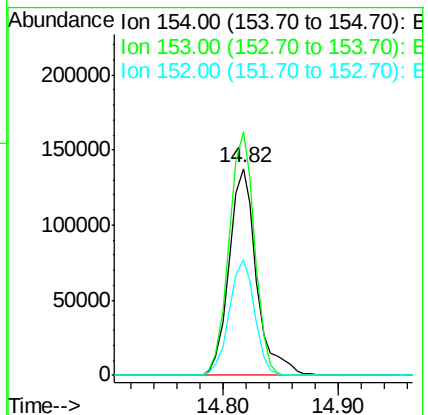
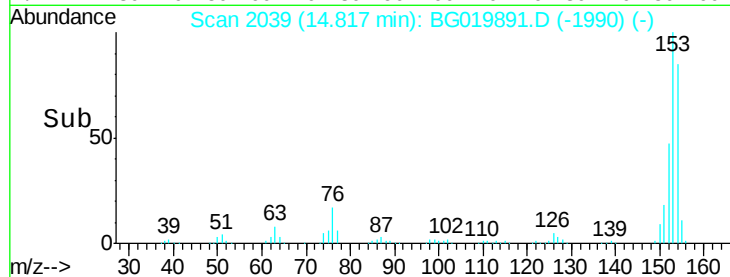
152 55.8 45.8 68.8



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



#52

3-Nitroaniline

Concen: 42.18 ng

RT: 14.65 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

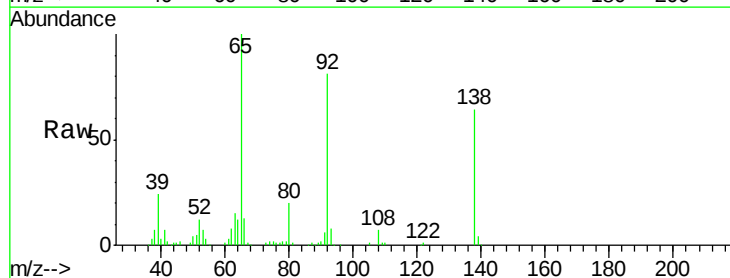
Tgt Ion:138 Resp: 65291

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

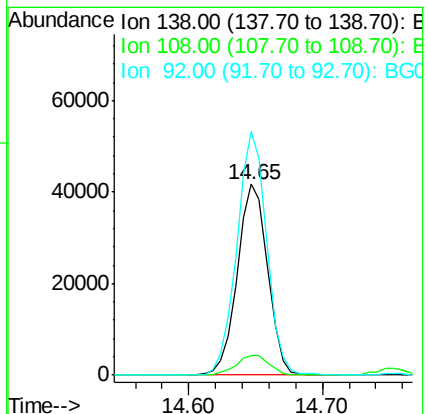
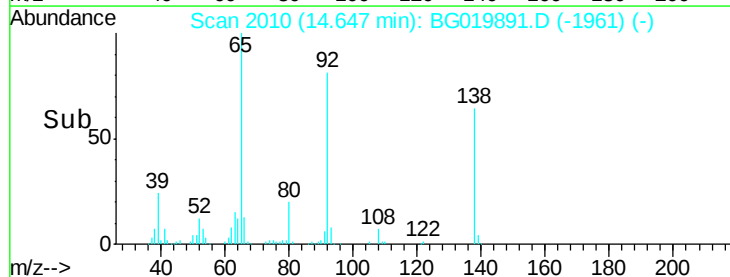
92 127.4 94.2 141.4

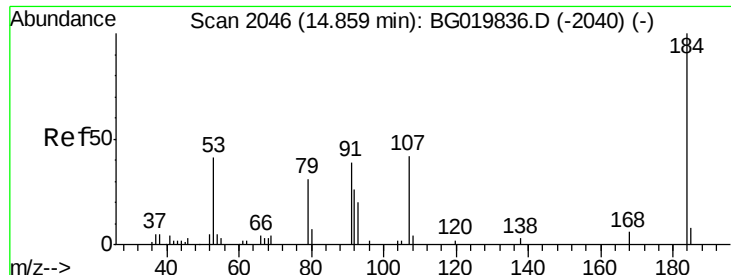


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

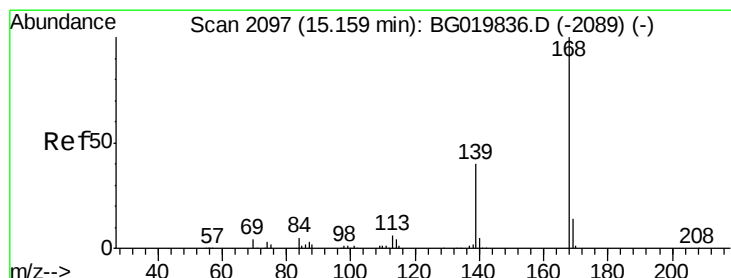
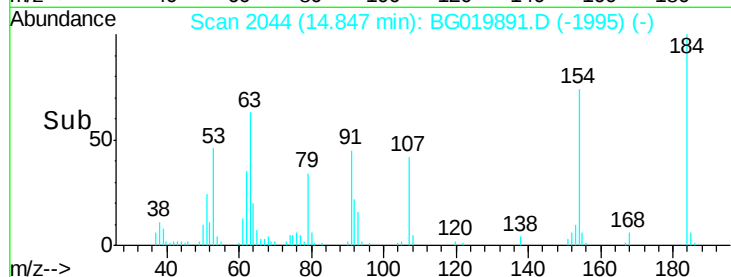
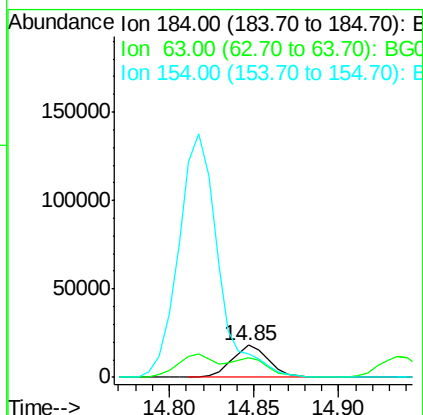
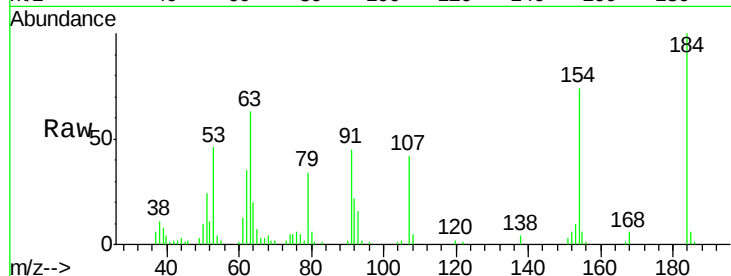




#53
2,4-Dinitrophenol
Concen: 39.66 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

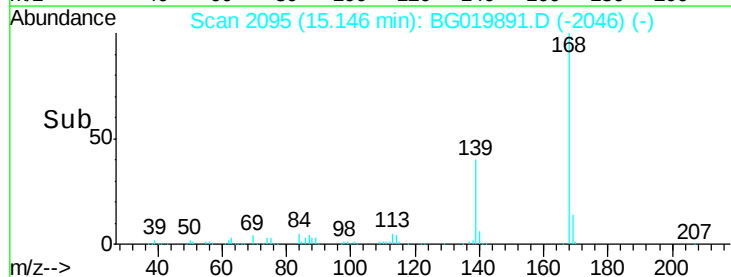
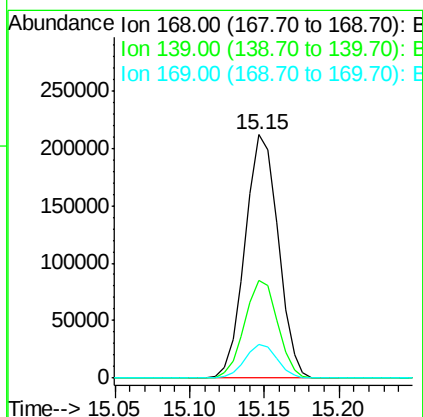
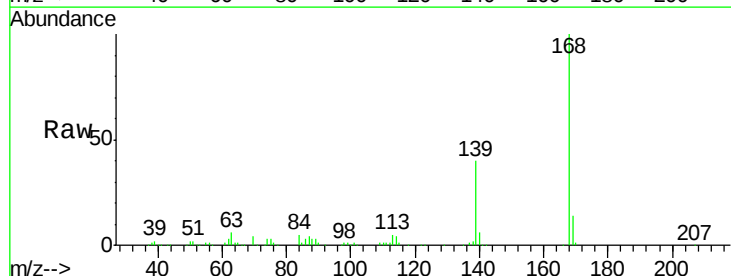
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

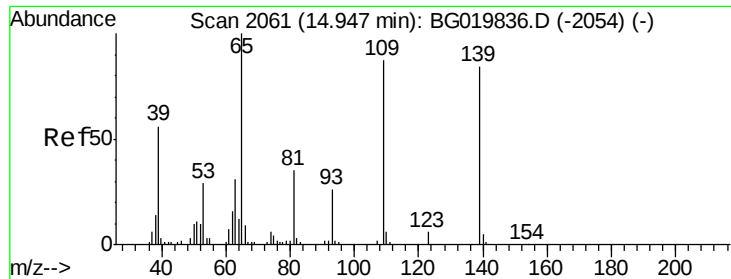
Tgt Ion:184 Resp: 27253
Ion Ratio Lower Upper
184 100
63 62.5 42.7 64.1
154 74.2 44.3 66.5#



#54
Dibenzofuran
Concen: 37.83 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG019891.D
Acq: 4 Dec 2015 4:25

Tgt Ion:168 Resp: 324122
Ion Ratio Lower Upper
168 100
139 40.3 27.4 41.0
169 13.8 11.0 16.4





#55

4-Nitrophenol

Concen: 39.15 ng

RT: 14.93 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

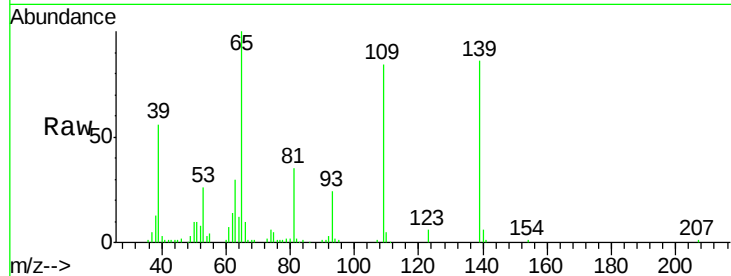
Tgt Ion:139 Resp: 52783

Ion Ratio Lower Upper

139 100

109 98.1 43.2 83.2#

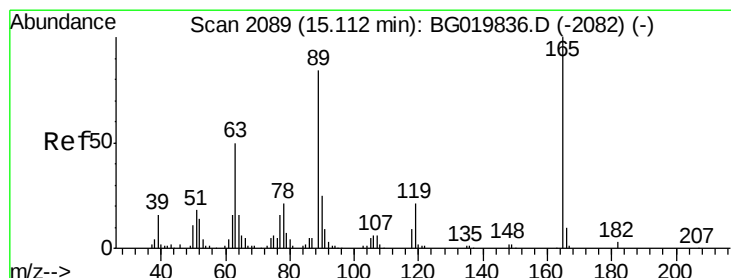
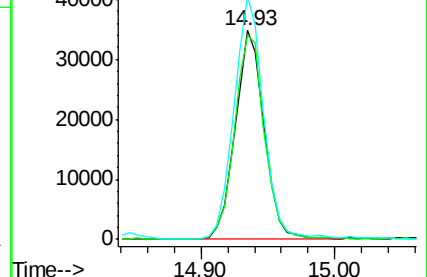
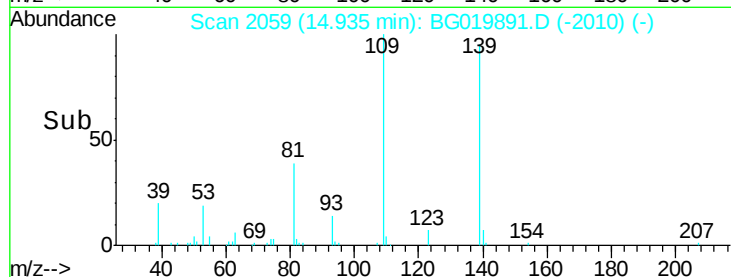
65 116.8 67.8 107.8#



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): BGC



#56

2,4-Dinitrotoluene

Concen: 43.07 ng

RT: 15.10 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG019891.D

Acq: 4 Dec 2015 4:25

Tgt Ion:165 Resp: 89536

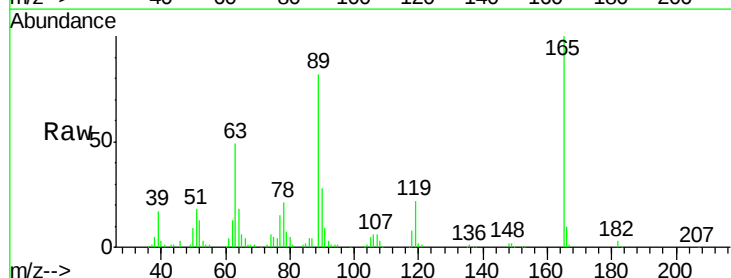
Ion Ratio Lower Upper

165 100

63 49.0 31.0 46.4#

89 81.9 54.4 81.6#

182 3.3 1.6 2.4#

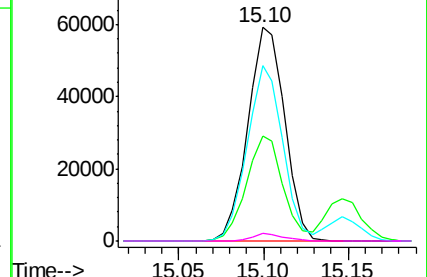
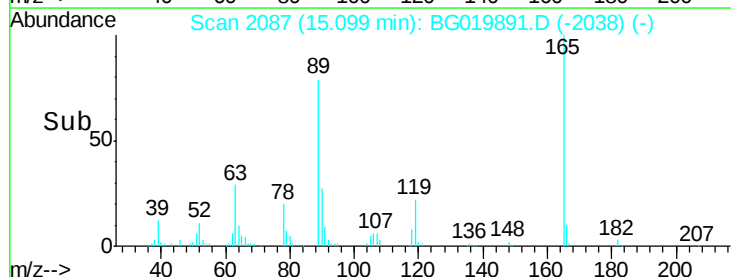


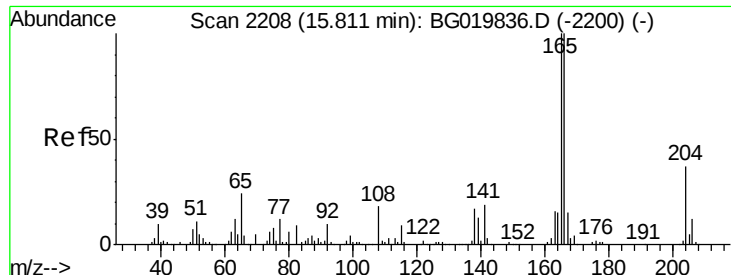
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

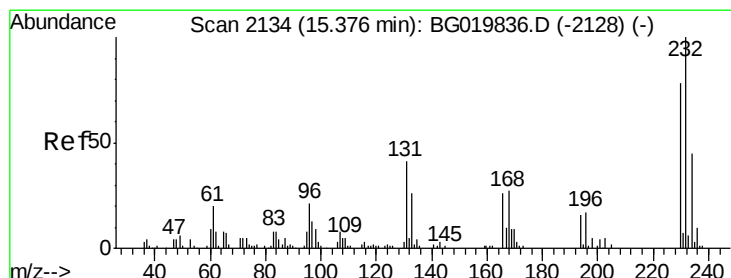
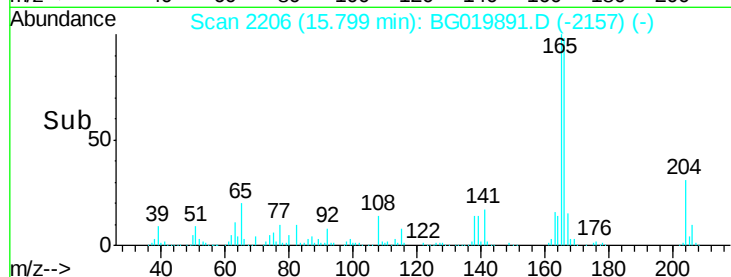
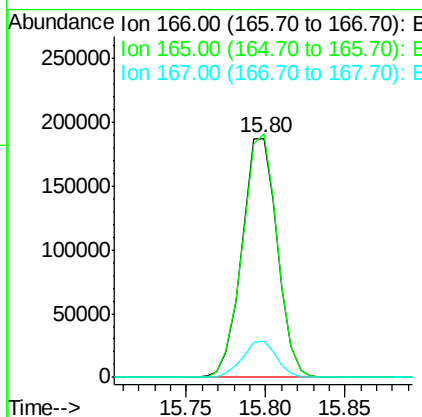
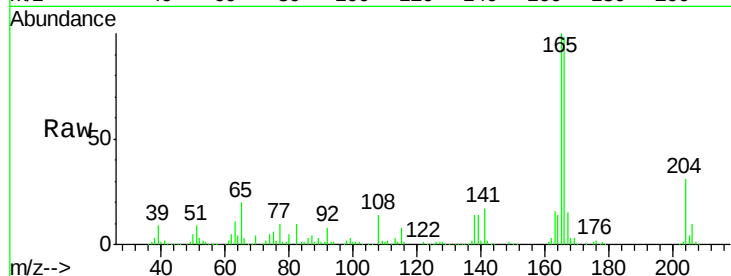




#57
Fluorene
 Concen: 37.73 ng
 RT: 15.80 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:166 Resp: 289355
 Ion Ratio Lower Upper
 166 100
 165 102.0 80.0 120.0
 167 15.3 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.00 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG019891.D
 Acq: 4 Dec 2015 4:25

Tgt Ion:232 Resp: 82265
 Ion Ratio Lower Upper
 232 100
 131 42.5 33.0 49.6
 130 2.3 2.0 3.0
 166 27.9 24.1 36.1

