

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026683.D
 Acq On : 20 Apr 2017 20:09
 Operator : SJ/MA
 Sample : I2774-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

Quant Time: Apr 21 04:52:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	194722	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	865920	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	551412	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1292054	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1325396	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1336877	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1707549	159.41	ng	0.00
7) Phenol-d6	7.22	99	2323723	165.56	ng	0.02
23) Nitrobenzene-d5	9.19	82	1267239	102.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	1088669	141.69	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3344875	90.34	ng	-0.01
78) Terphenyl-d14	19.97	244	4090767	91.12	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	138102	24.66	ng	# 70
3) Pyridine	3.89	79	243745	19.44	ng	# 62
4) n-Nitrosodimethylamine	3.79	42	146902	40.28	ng	# 1
6) Aniline	7.35	93	605008	34.52	ng	# 88
8) 2-Chlorophenol	7.61	128	616159	48.21	ng	# 79
9) Benzaldehyde	7.17	77	97400	10.24	ng	# 66
10) Phenol	7.25	94	908997	59.52	ng	# 71
11) bis(2-Chloroethyl)ether	7.45	93	539416	44.37	ng	# 81
12) 1,3-Dichlorobenzene	7.92	146	627477	41.66	ng	# 84
13) 1,4-Dichlorobenzene	8.07	146	642363m	41.98	ng	
14) 1,2-Dichlorobenzene	8.38	146	623408	43.12	ng	# 89
15) Benzyl Alcohol	8.27	79	443094	50.48	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	523126	44.48	ng	# 81
17) 2-Methylphenol	8.49	107	540737	50.53	ng	# 81
18) Hexachloroethane	9.11	117	198347	41.08	ng	# 94
19) n-Nitroso-di-n-propylamine	8.83	70	400460	46.02	ng	# 68
20) 3+4-Methylphenols	8.82	107	756267	51.43	ng	# 86
22) Acetophenone	8.85	105	859409	43.43	ng	# 75
24) Nitrobenzene	9.23	77	585631	44.56	ng	# 68
25) Isophorone	9.75	82	1141928	44.89	ng	# 88
26) 2-Nitrophenol	9.95	139	379170	47.62	ng	# 63
27) 2,4-Dimethylphenol	10.02	122	626636	48.76	ng	# 85
28) bis(2-Chloroethoxy)methane	10.23	93	752515	45.25	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	680741	50.65	ng	# 92
30) 1,2,4-Trichlorobenzene	10.69	180	654010	43.66	ng	# 98
31) Naphthalene	10.88	128	1859313	43.75	ng	# 99
32) Benzoic acid	10.18	122	418706	46.75	ng	# 73
33) 4-Chloroaniline	10.99	127	395606	21.70	ng	# 81
34) Hexachlorobutadiene	11.17	225	373494	43.60	ng	# 97
35) Caprolactam	11.77	113	238080m	45.62	ng	
36) 4-Chloro-3-methylphenol	12.13	107	671993	49.64	ng	# 73
37) 2-Methylnaphthalene	12.48	142	1482938	45.34	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	727311	42.82	ng	# 98
40) Hexachlorocyclopentadiene	12.82	237	774167	90.20	ng	# 93

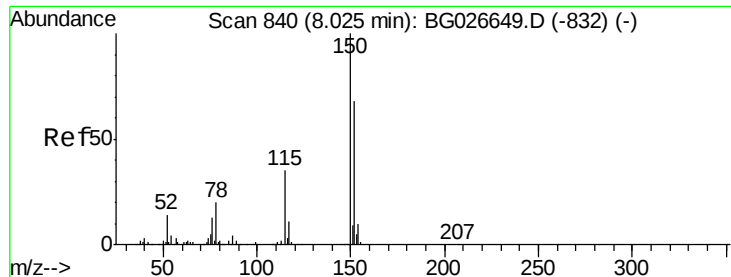
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026683.D
 Acq On : 20 Apr 2017 20:09
 Operator : SJ/MA
 Sample : I2774-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

Quant Time: Apr 21 04:52:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	561745	46.45	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	600858	46.98	nq	# 92
45) 1,1'-Biphenyl	13.48	154	1899108	42.38	nq	98
46) 2-Chloronaphthalene	13.52	162	1472104	43.35	nq	97
47) 2-Nitroaniline	13.73	65	401638	46.31	nq	# 45
48) Acenaphthylene	14.36	152	2377303	43.54	nq	98
49) Dimethylphthalate	14.09	163	2210496	50.64	nq	100
50) 2,6-Dinitrotoluene	14.22	165	465888	45.64	nq	# 56
51) Acenaphthene	14.70	154	1512310	43.52	nq	99
52) 3-Nitroaniline	14.55	138	393787	35.37	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	573795	93.06	nq	# 74
54) Dibenzofuran	15.03	168	2313114	42.70	nq	91
55) 4-Nitrophenol	14.89	139	760285	80.89	nq	# 37
56) 2,4-Dinitrotoluene	15.00	165	659944	45.53	nq	# 65
57) Fluorene	15.69	166	1909651	42.82	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	564503	43.40	nq	# 95
59) Diethylphthalate	15.44	149	1863190	41.98	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	976647	43.88	nq	90
61) 4-Nitroaniline	15.71	138	501404	42.23	nq	# 50
62) Azobenzene	15.96	77	1503056	43.90	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	424468	48.65	nq	85
65) n-Nitrosodiphenylamine	15.89	169	1715626	46.03	nq	96
66) 4-Bromophenyl-phenylether	16.56	248	671658	47.58	nq	94
67) Hexachlorobenzene	16.69	284	711001	45.81	nq	# 88
68) Atrazine	16.83	200	618061	42.41	nq	97
69) Pentachlorophenol	17.04	266	840944	89.68	nq	96
70) Phenanthrene	17.42	178	2873333	43.19	nq	98
71) Anthracene	17.51	178	2971358	43.22	nq	95
72) Carbazole	17.78	167	2693449	40.92	nq	96
73) Di-n-butylphthalate	18.32	149	3019336	40.90	nq	# 95
74) Fluoranthene	19.42	202	3144045	40.76	nq	96
76) Benzidine	19.60	184	204074	8.95	nq	98
77) Pyrene	19.78	202	3172830	44.47	nq	96
79) Butylbenzylphthalate	20.65	149	1409227	45.90	nq	# 86
80) Benzo(a)anthracene	21.60	228	3161283	44.16	nq	98
81) 3,3'-Dichlorobenzidine	21.51	252	1076507	36.26	nq	99
82) Chrysene	21.67	228	2904610	44.10	nq	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	1997425	45.14	nq	94
84) Di-n-octyl phthalate	22.68	149	3370895	45.63	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.42	276	4107360	45.48	nq	# 87
87) Benzo(b)fluoranthene	23.79	252	3358656	43.88	nq	# 95
88) Benzo(k)fluoranthene	23.85	252	3340017	45.27	nq	# 97
89) Benzo(a)pyrene	24.65	252	3311815	44.82	nq	# 96
90) Dibenzo(a,h)anthracene	28.46	278	3488880	45.97	nq	# 93
91) Benzo(g,h,i)perylene	29.55	276	3420961	45.07	nq	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

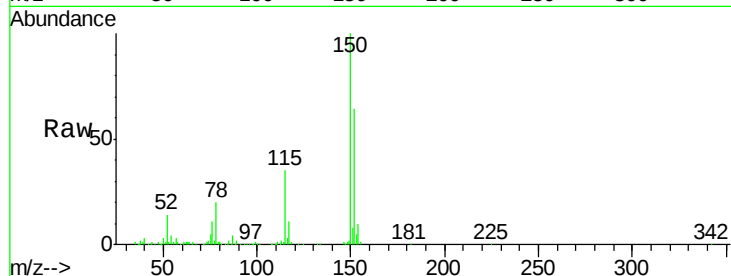
Tot Ion:152 Resp: 194722

Ion Ratio Lower Upper

152 100

150 155.8 114.0 171.0

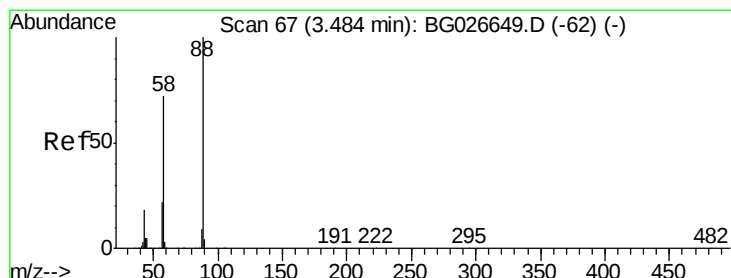
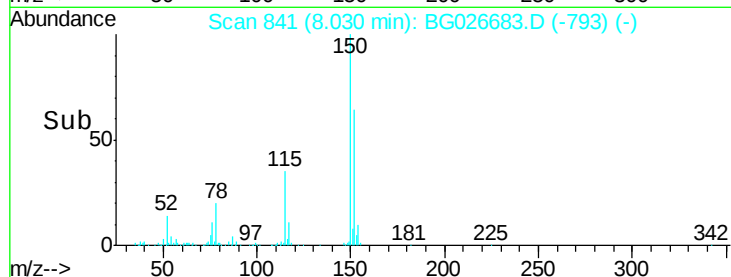
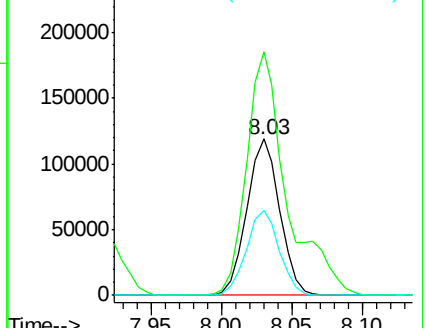
115 54.5 48.1 72.1



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: 24.66 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

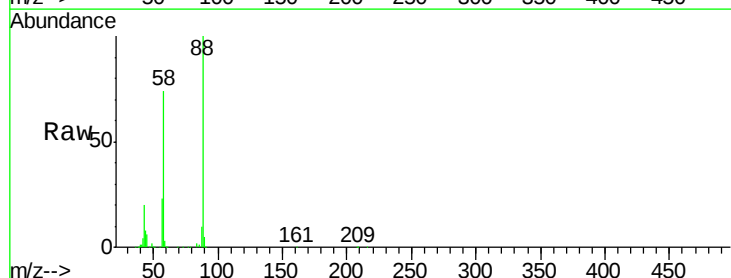
Tgt Ion: 88 Resp: 138102

Ion Ratio Lower Upper

88 100

58 71.1 79.4 119.2#

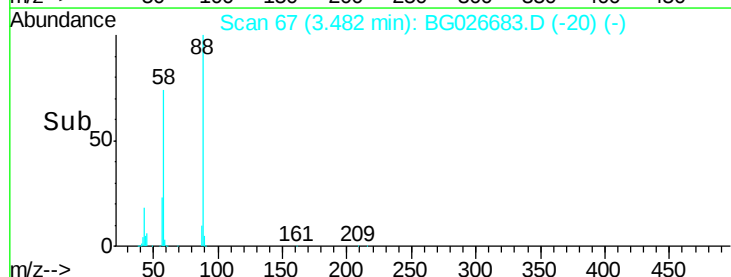
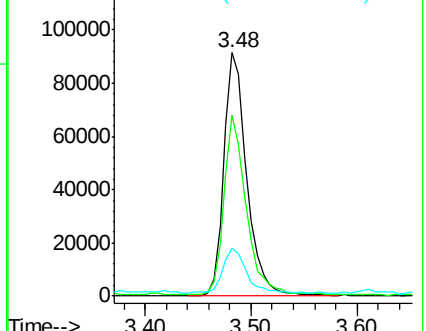
43 19.6 33.8 50.6#

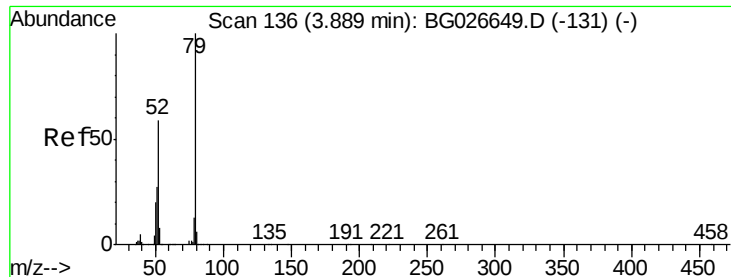


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.44 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

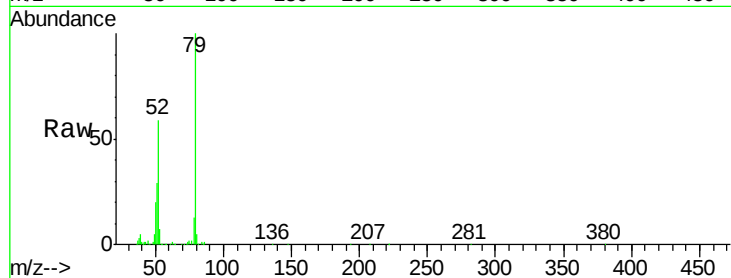
Tot Ion: 79 Resp: 243745

Ion Ratio Lower Upper

79 100

52 58.6 77.8 116.6#

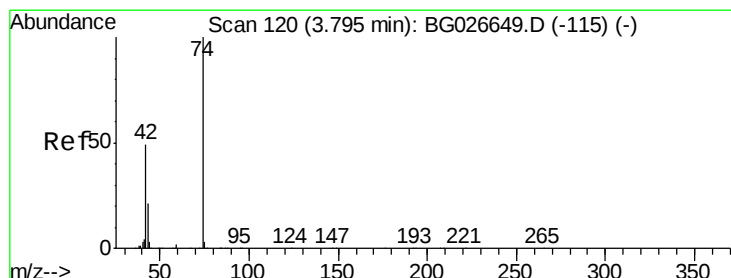
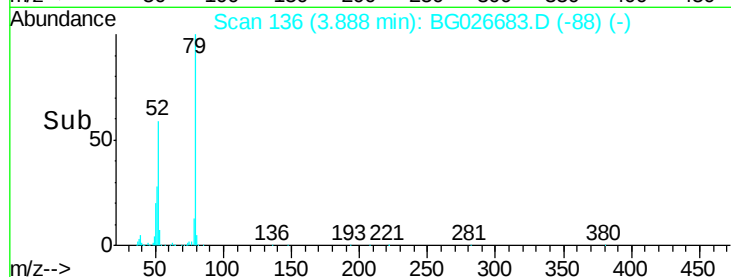
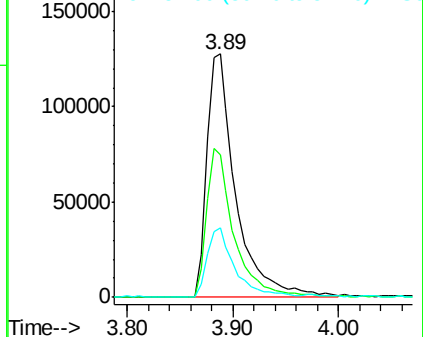
51 28.6 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.28 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

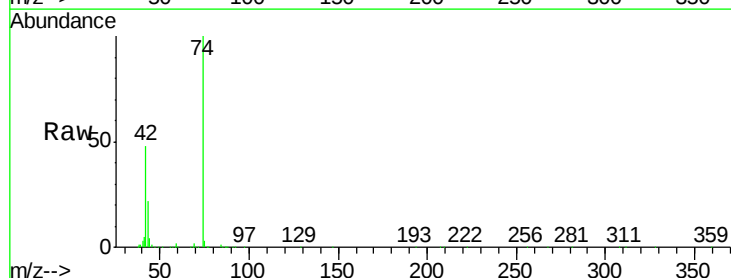
Tgt Ion: 42 Resp: 146902

Ion Ratio Lower Upper

42 100

74 210.0 76.7 115.1#

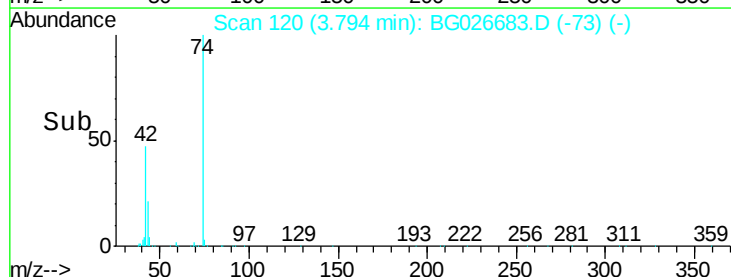
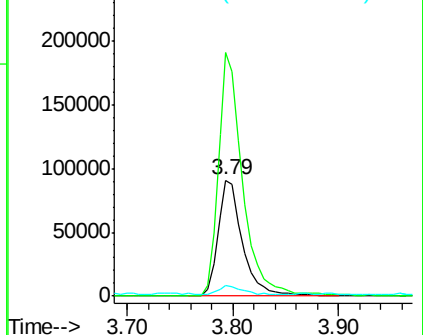
44 9.1 6.1 9.1

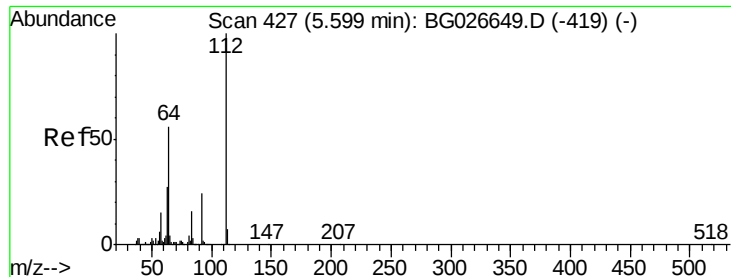


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 159.41 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

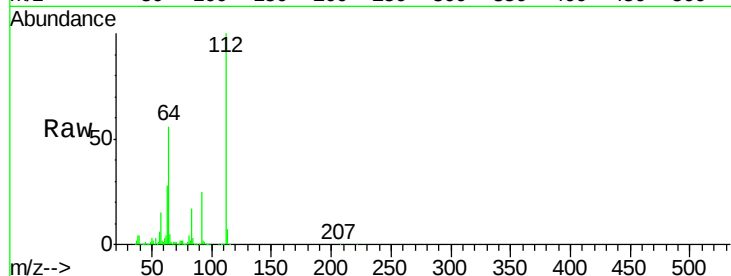
Tot Ion:112 Resp: 1707549

Ion Ratio Lower Upper

112 100

64 55.8 61.8 92.6#

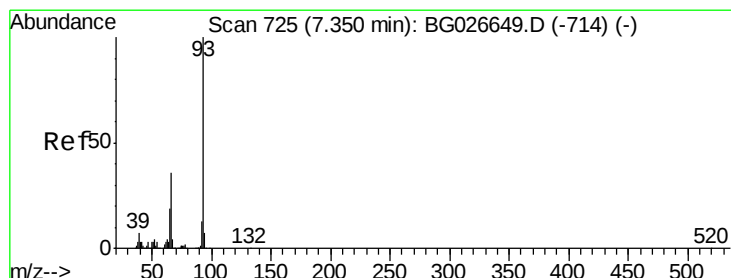
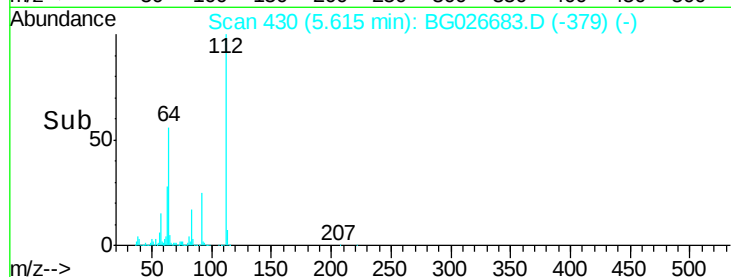
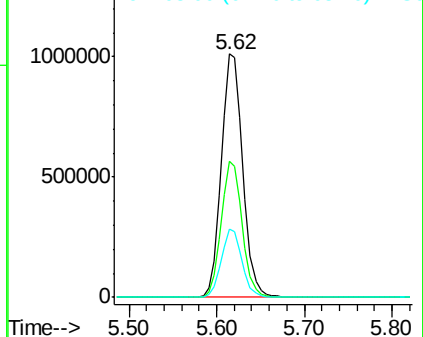
63 28.2 37.2 55.8#



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: 34.52 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

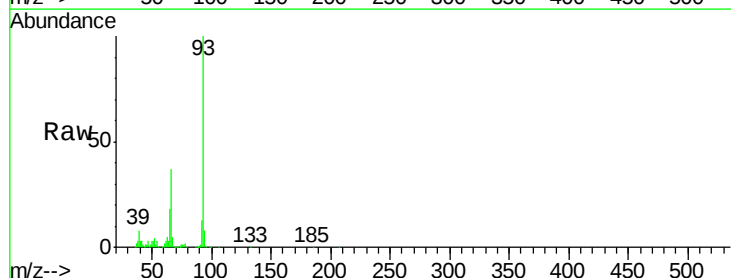
Tgt Ion: 93 Resp: 605008

Ion Ratio Lower Upper

93 100

66 37.5 35.4 53.2

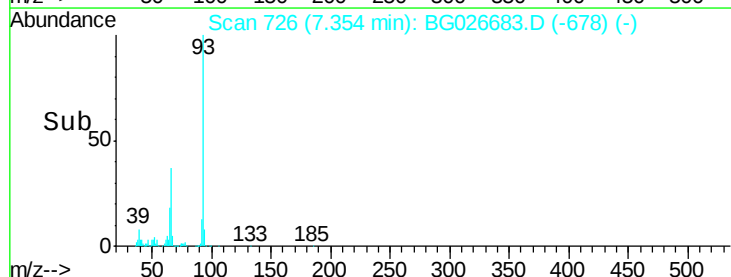
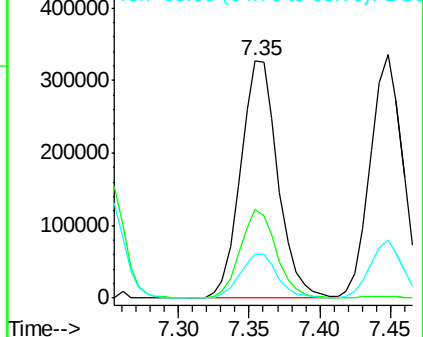
65 18.5 21.2 31.8#

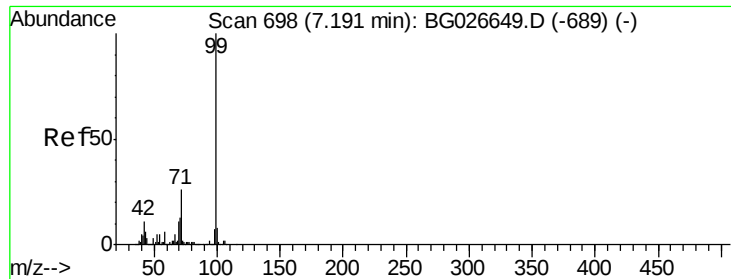


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.56 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

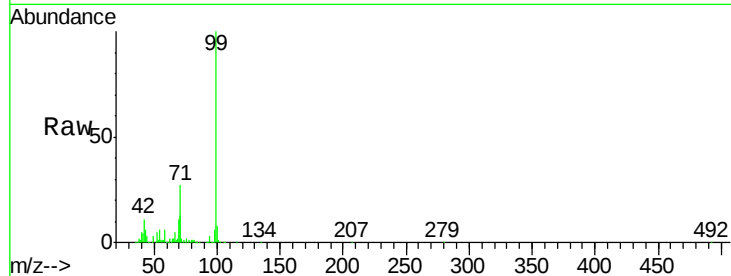
BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

Tot Ion: 99 Resp: 2323723

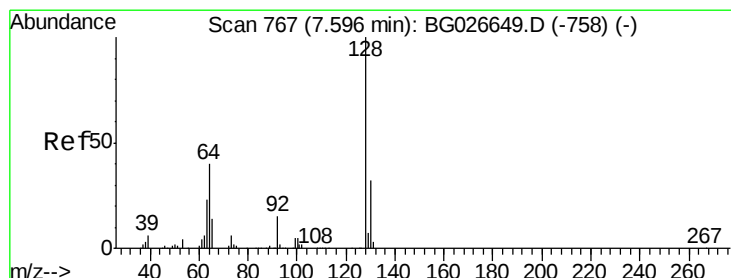
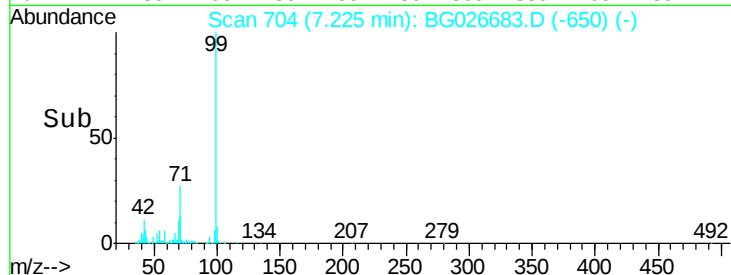
Ion	Ratio	Lower	Upper
99	100		
42	11.2	20.5	30.7#
71	27.4	37.6	56.4#



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: 48.21 ng

RT: 7.61 min Scan# 769

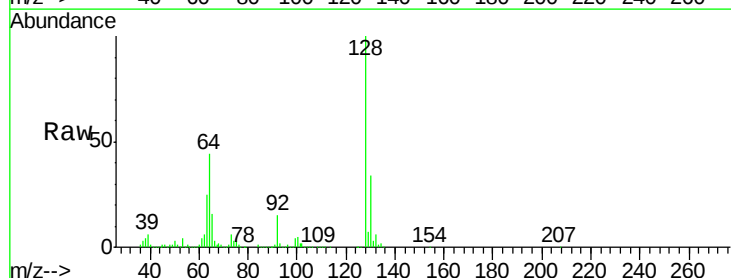
Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:128 Resp: 616159

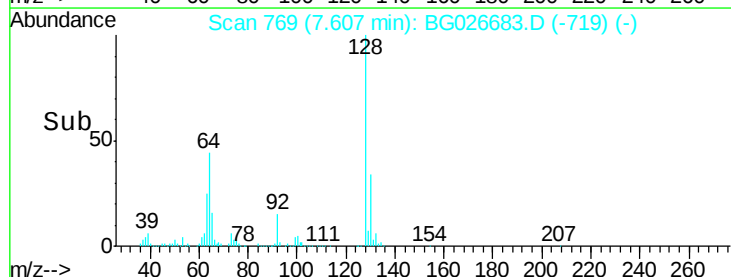
Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.4	51.4
64	43.6	46.6	86.6#

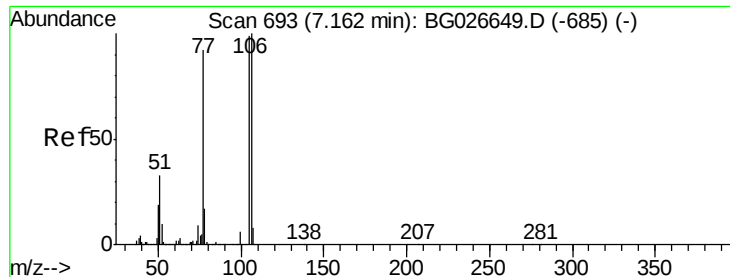


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.24 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

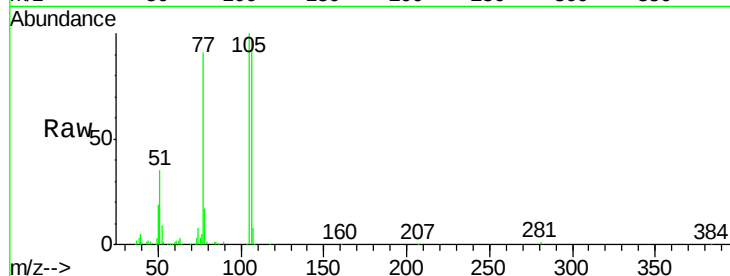
Tot Ion: 77 Resp: 97400

Ion Ratio Lower Upper

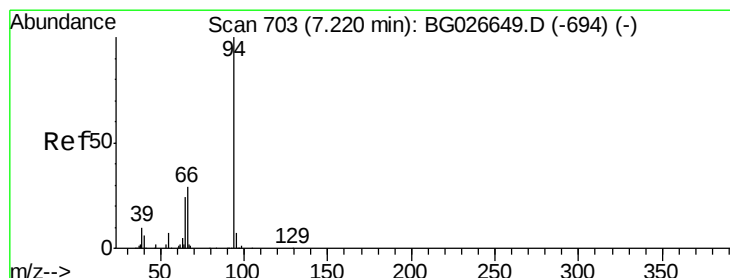
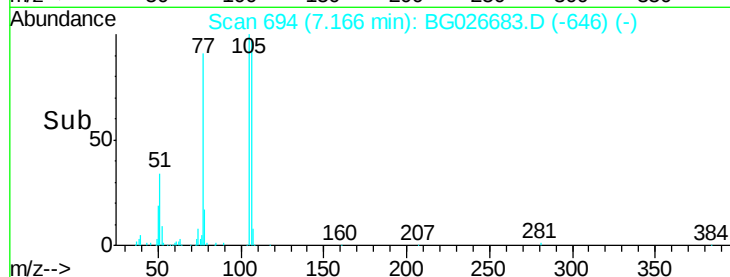
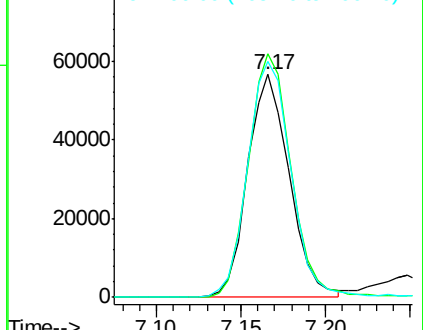
77 100

105 109.4 60.9 100.9#

106 105.8 55.1 95.1#



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: 59.52 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

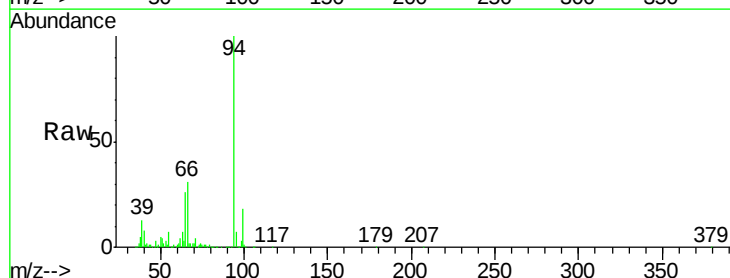
Tgt Ion: 94 Resp: 908997

Ion Ratio Lower Upper

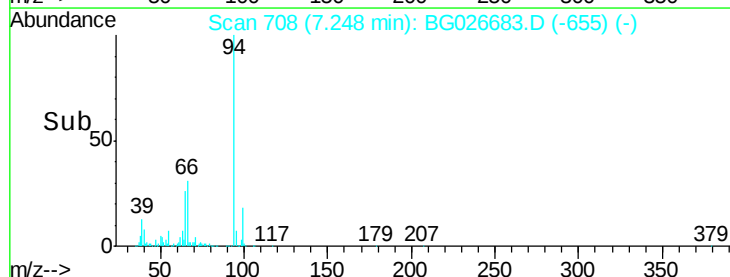
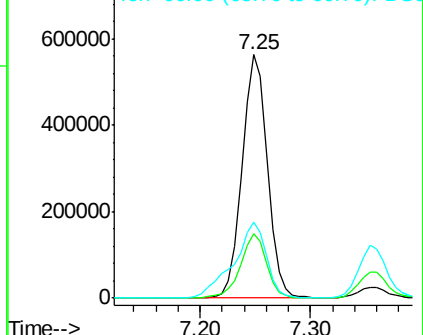
94 100

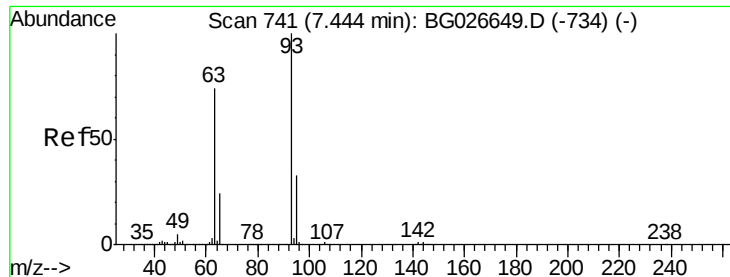
65 26.5 20.6 60.6

66 31.0 35.5 75.5#



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

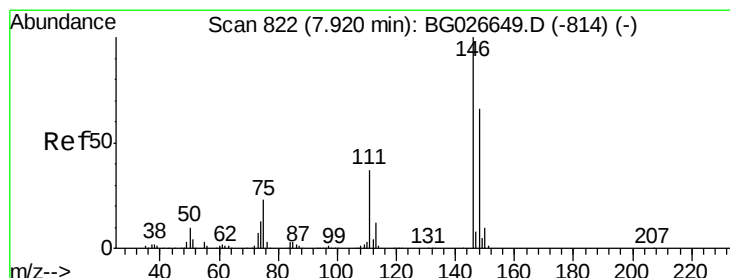
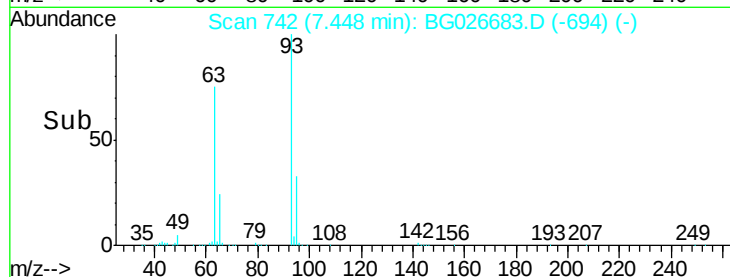
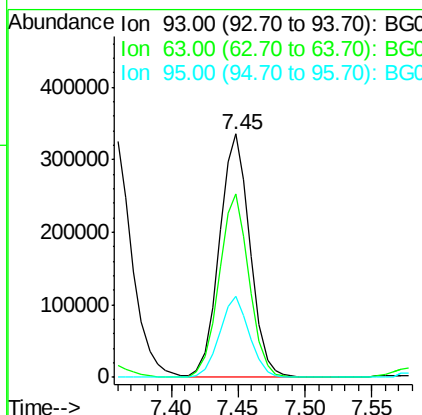
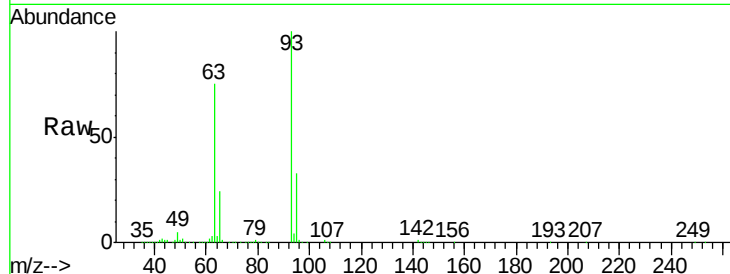




#11
bis(2-Chloroethyl)ether
Concen: 44.37 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

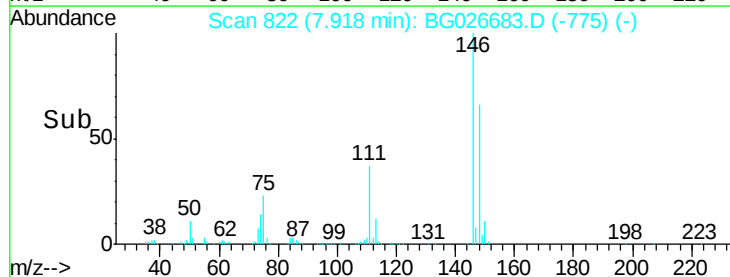
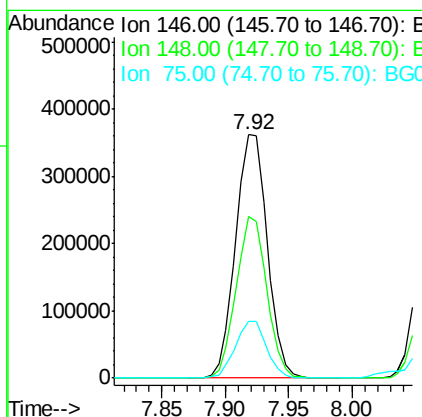
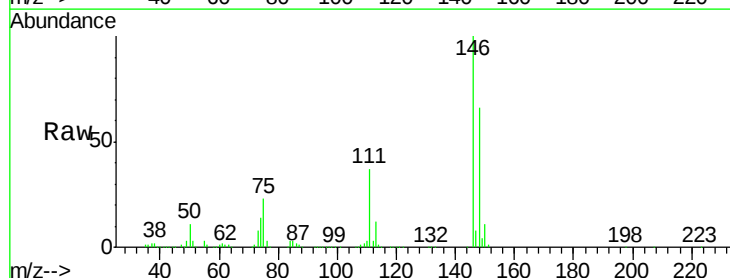
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

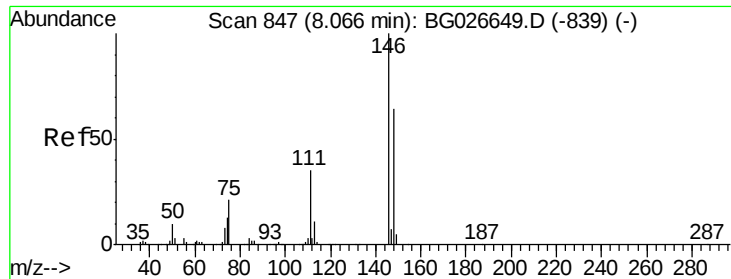
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	78.5	118.5#
95	33.0	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 41.66 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	49.2	73.8
75	23.4	33.4	50.2#





#13

1,4-Dichlorobenzene

Concen: 41.98 ng/mL

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleID :

WETLANDSAND-PPCMSD

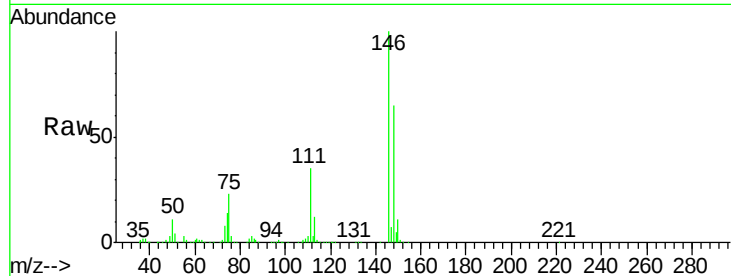
Tot Ion:146 Resp: 642363

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

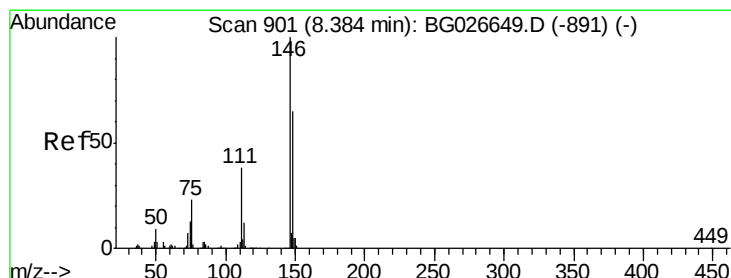
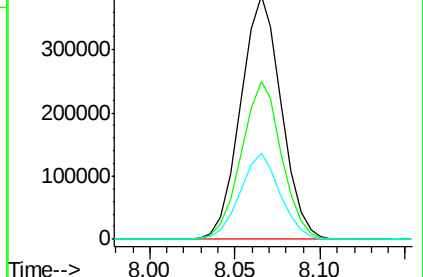
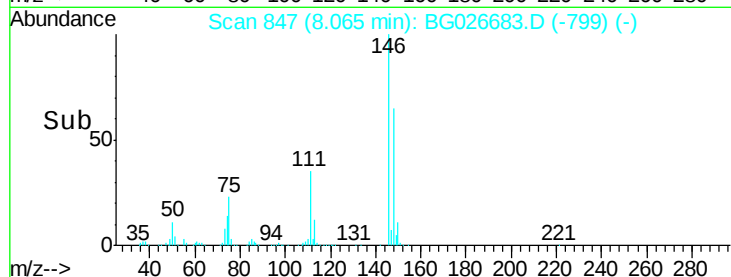
111 35.5 37.0 55.6#



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: 43.12 ng/mL

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

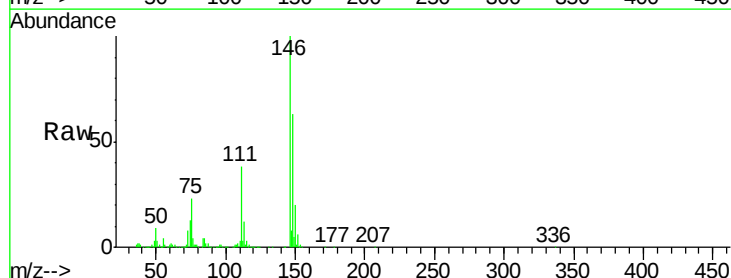
Tgt Ion:146 Resp: 623408

Ion Ratio Lower Upper

146 100

148 63.5 54.6 81.8

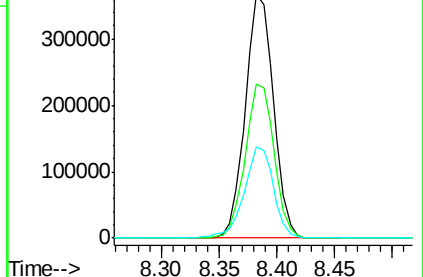
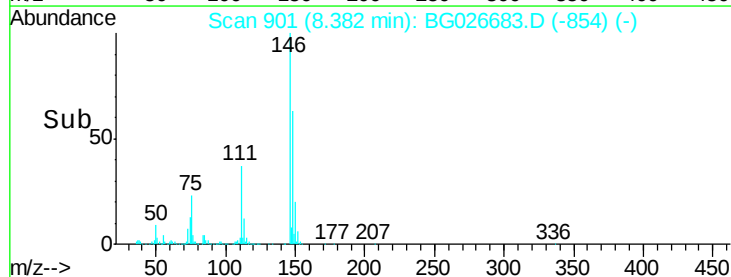
111 37.5 39.7 59.5#

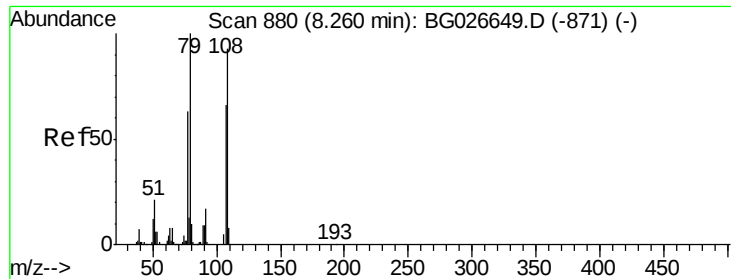


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.48 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

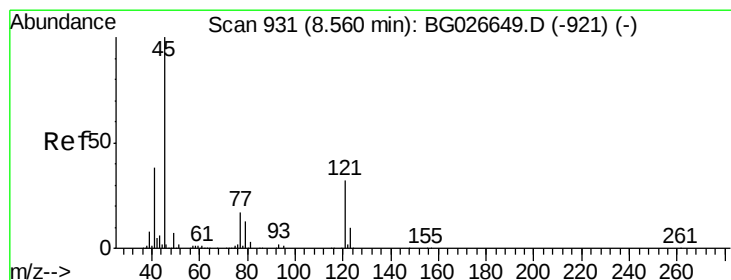
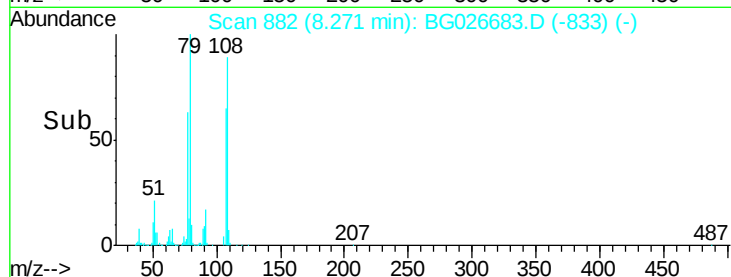
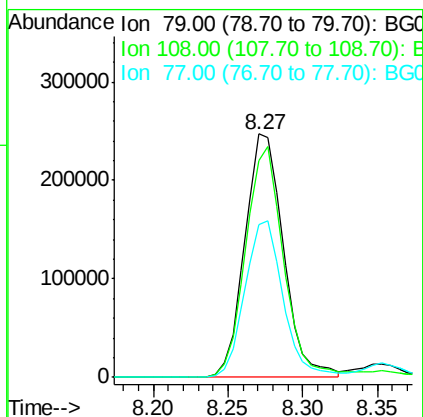
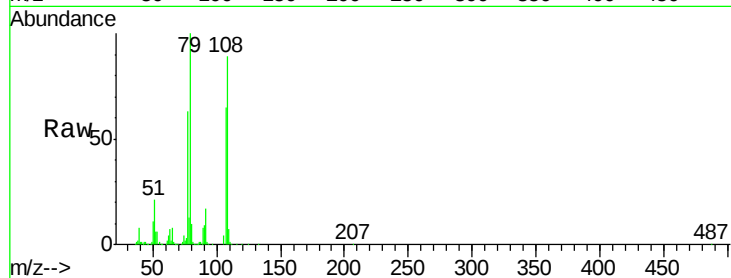
Tot Ion: 79 Resp: 443094

Ion Ratio Lower Upper

79 100

108 89.1 45.5 68.3#

77 62.6 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.48 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

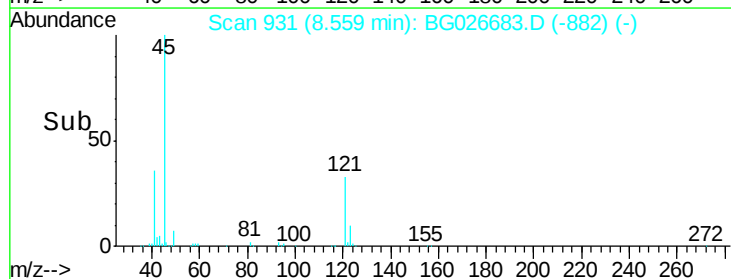
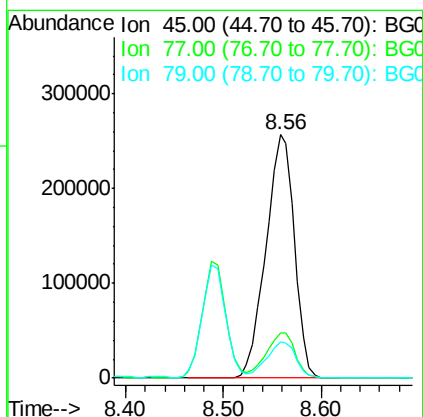
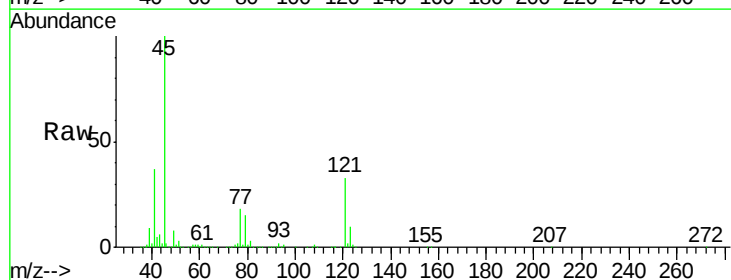
Tgt Ion: 45 Resp: 523126

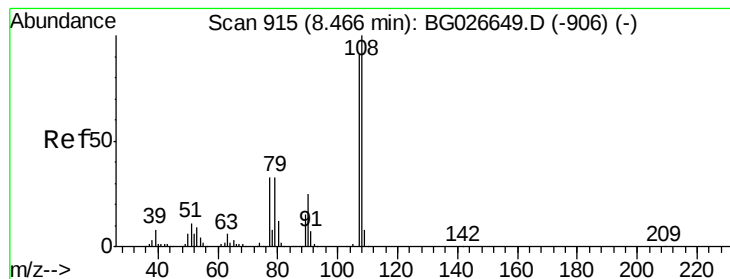
Ion Ratio Lower Upper

45 100

77 18.4 0.0 30.6

79 14.9 0.0 28.5





#17

2-Methylphenol

Concen: 50.53 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

Tot Ion:107 Resp: 540737

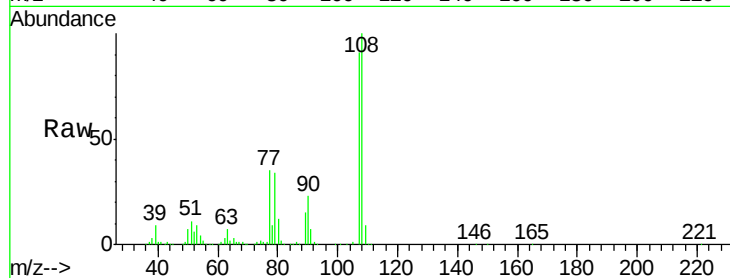
Ion Ratio Lower Upper

107 100

108 109.8 85.6 128.4

77 38.3 51.4 77.2#

79 37.2 49.2 73.8#

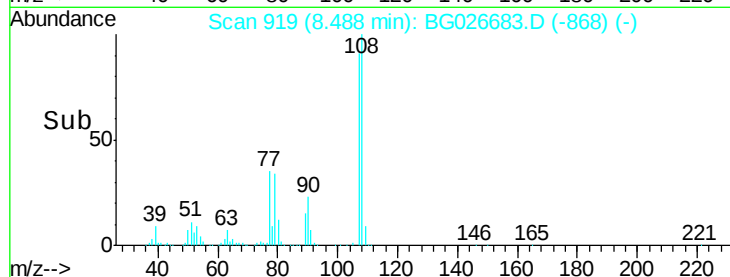


Abundance Ion 107.00 (106.70 to 107.70): E

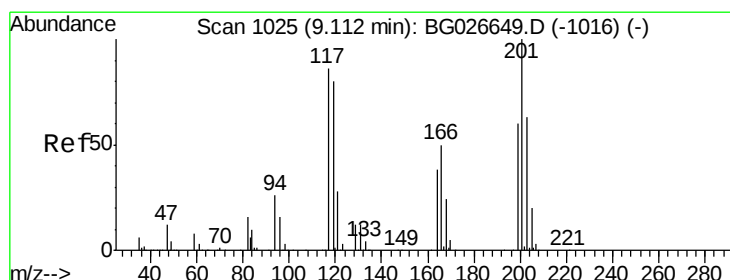
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 41.08 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

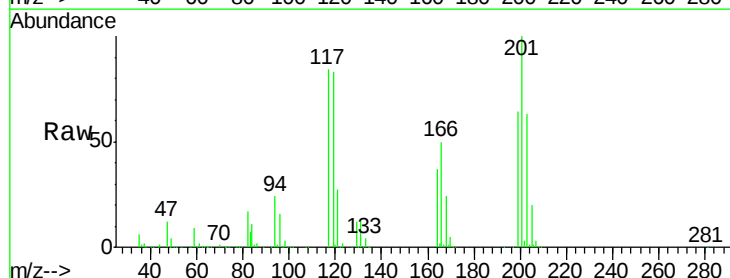
Tgt Ion:117 Resp: 198347

Ion Ratio Lower Upper

117 100

119 98.8 69.8 104.6

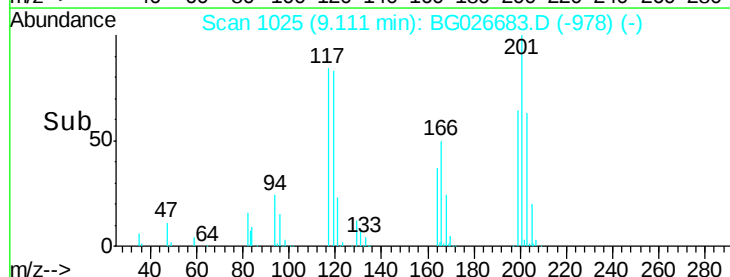
201 118.6 95.4 143.0



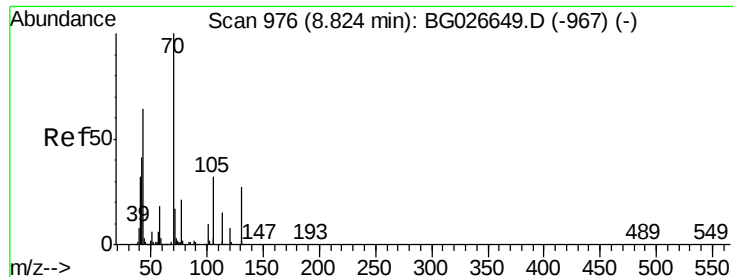
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



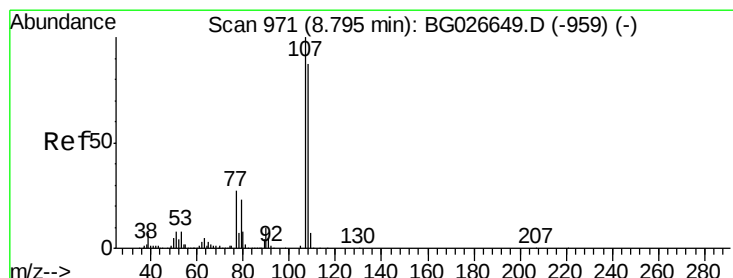
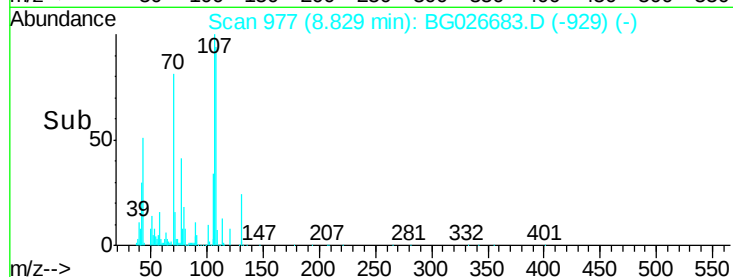
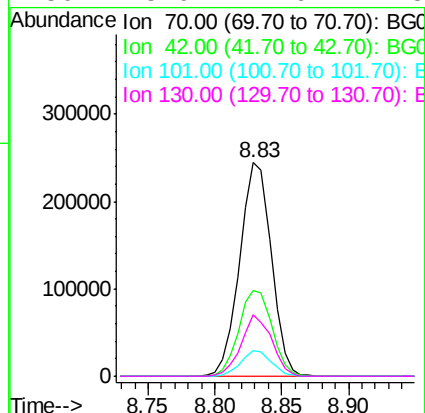
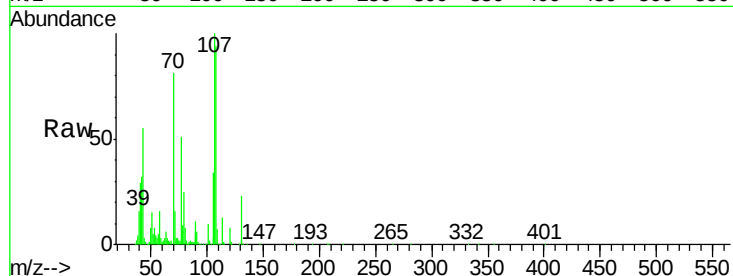
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 46.02 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

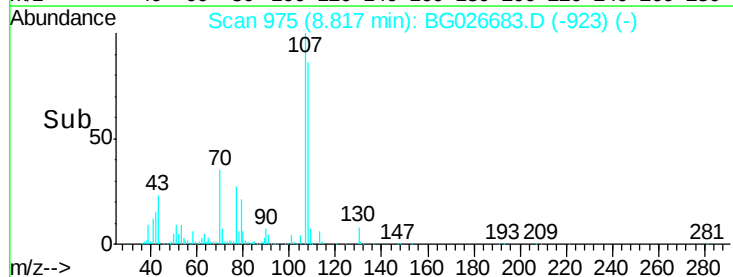
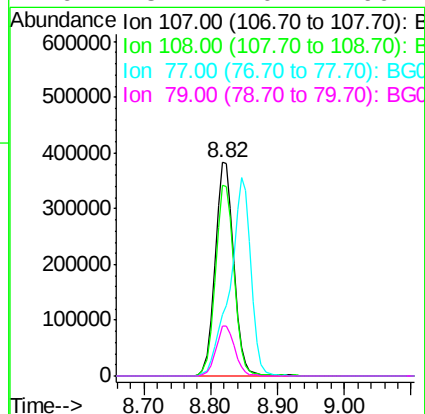
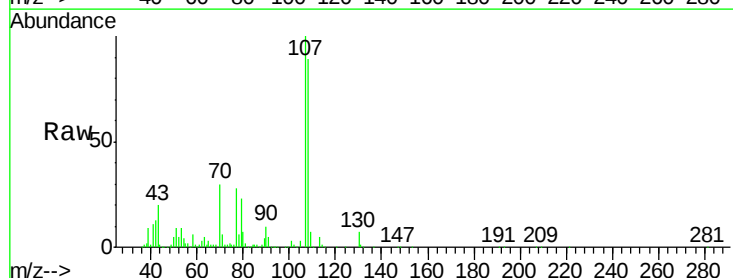
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

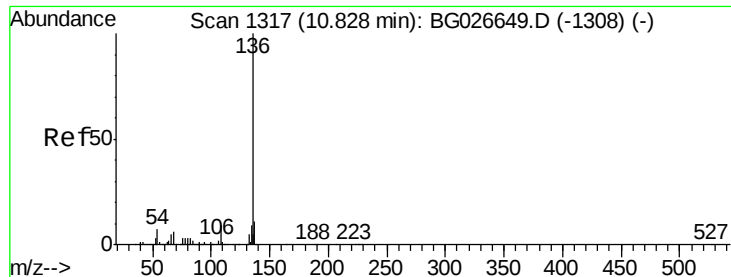
Tot Ion: 70 Resp: 400460
Ion Ratio Lower Upper
70 100
42 39.9 56.1 84.1#
101 12.0 7.5 11.3#
130 28.9 14.6 21.8#



#20
3+4-Methylphenols
Concen: 51.43 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:107 Resp: 756267
Ion Ratio Lower Upper
107 100
108 89.5 70.8 110.8
77 28.5 25.8 65.8
79 23.2 20.1 60.1

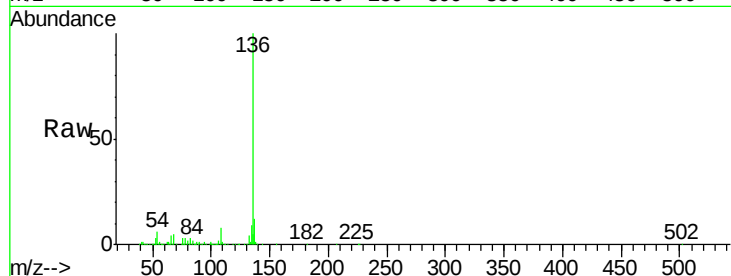




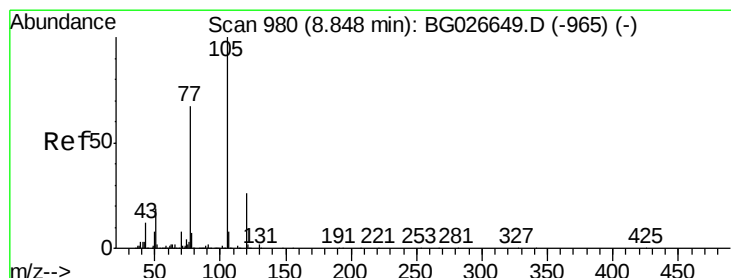
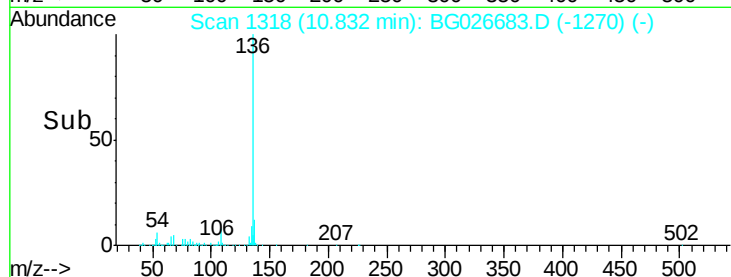
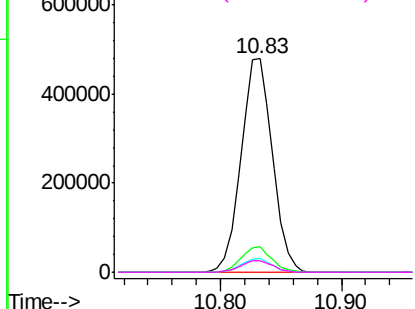
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

Tot Ion:136	Resp:	865920
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	6.5	9.3 13.9#
68	5.4	5.1 7.7

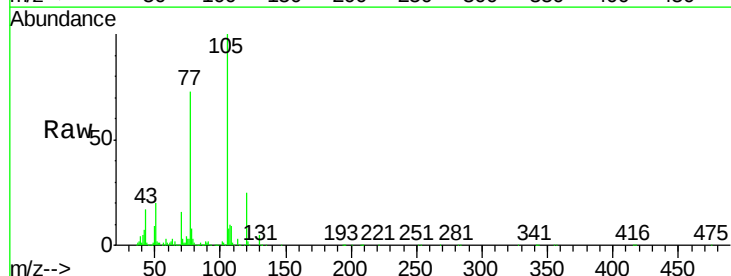


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

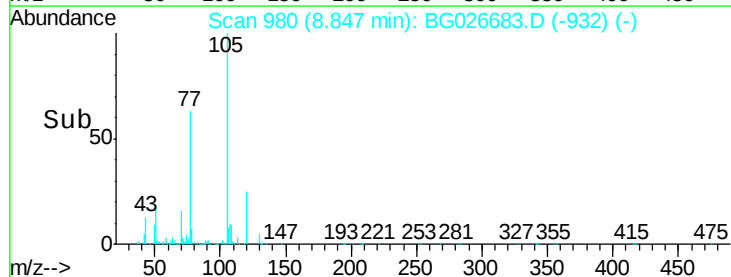
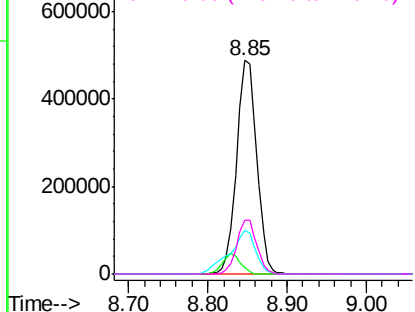


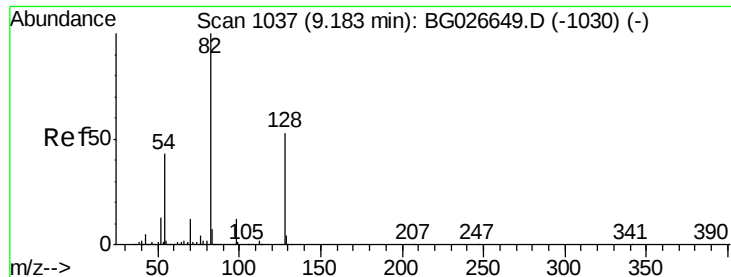
#22
Acetophenone
Concen: 43.43 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:105	Resp:	859409
Ion Ratio	Lower	Upper
105	100	
71	2.8	0.9 1.3#
51	20.5	34.0 51.0#
120	25.2	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

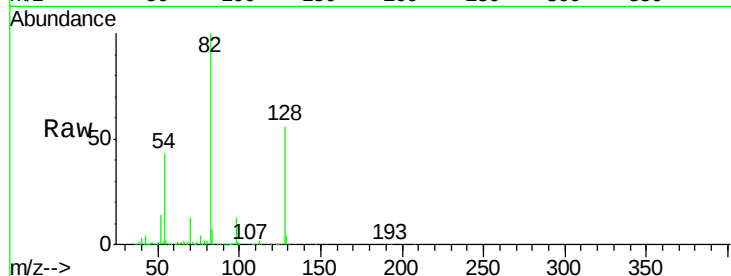




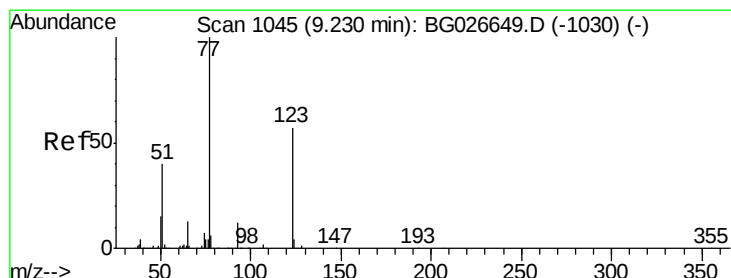
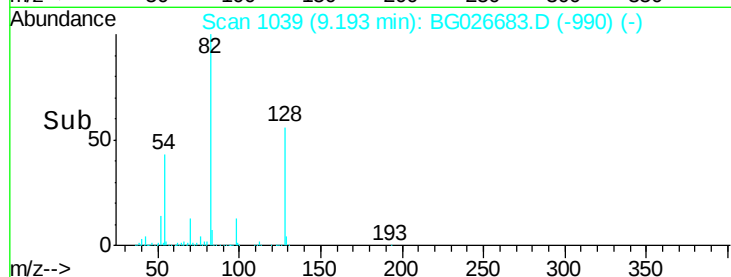
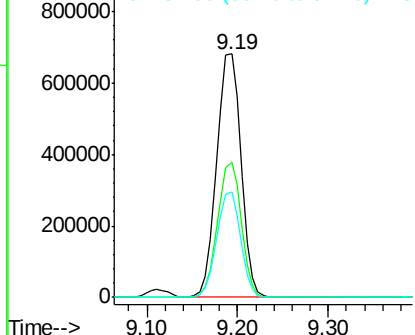
#23
 Nitrobenzene-d5
 Concen: 102.12 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

Tot Ion: 82 Resp: 1267239
 Ion Ratio Lower Upper
 82 100
 128 55.6 26.4 39.6#
 54 43.4 49.4 74.2#

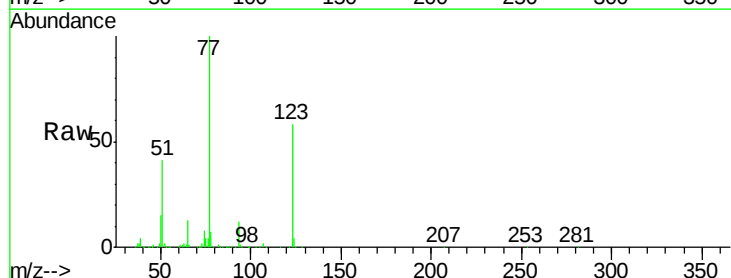


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

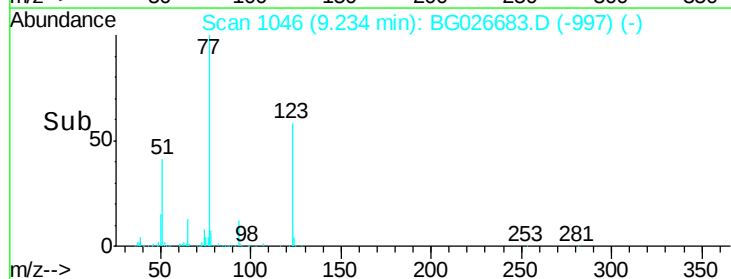
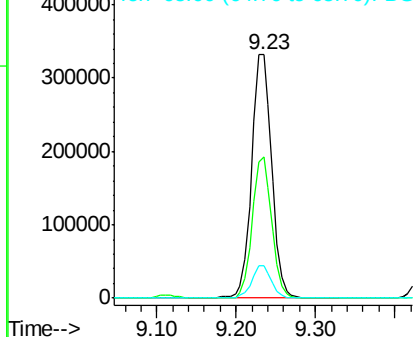


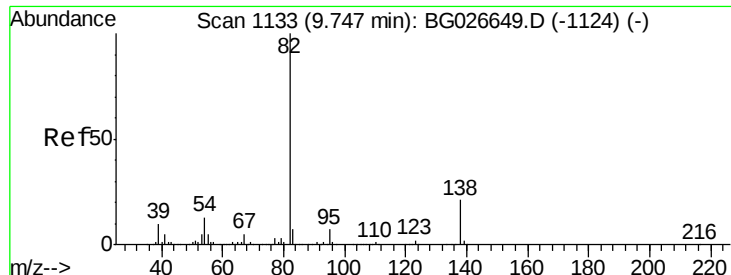
#24
 Nitrobenzene
 Concen: 44.56 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion: 77 Resp: 585631
 Ion Ratio Lower Upper
 77 100
 123 57.8 26.1 39.1#
 65 13.2 12.4 18.6



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





#25

Isophorone

Concen: 44.89 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

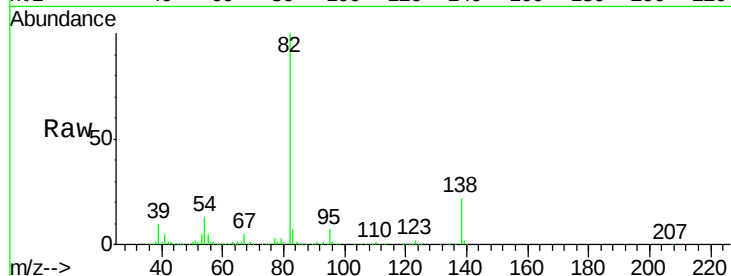
Tot Ion: 82 Resp: 1141928

Ion Ratio Lower Upper

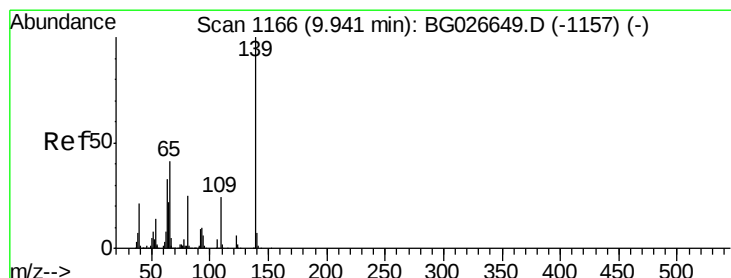
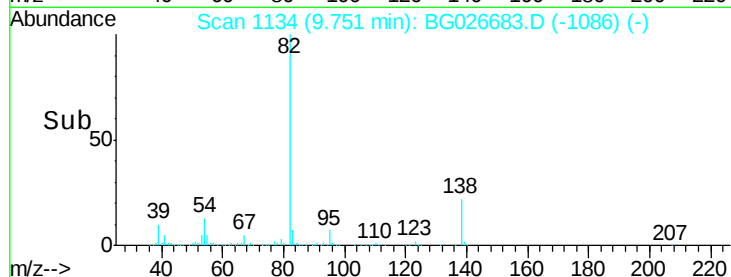
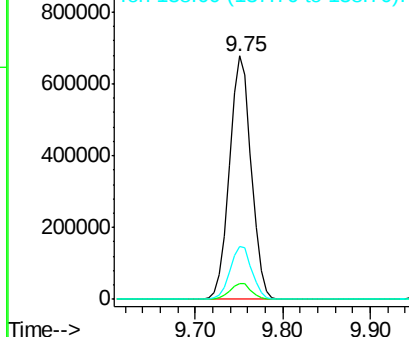
82 100

95 6.7 7.5 11.3#

138 21.8 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 47.62 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

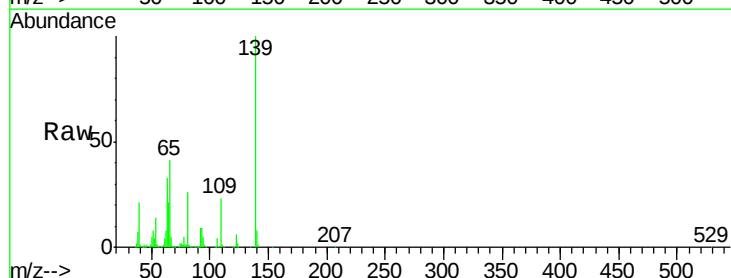
Tgt Ion: 139 Resp: 379170

Ion Ratio Lower Upper

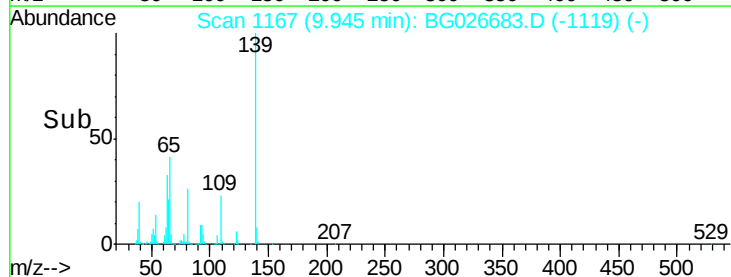
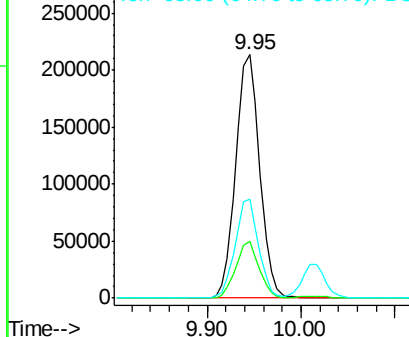
139 100

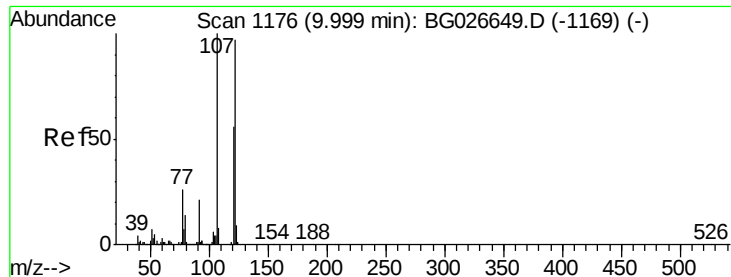
109 23.2 38.6 58.0#

65 40.8 57.1 85.7#



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: 48.76 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

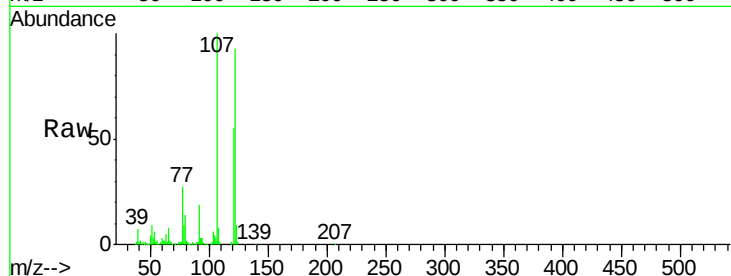
Tot Ion:122 Resp: 626636

Ion Ratio Lower Upper

122 100

107 107.1 104.2 156.4

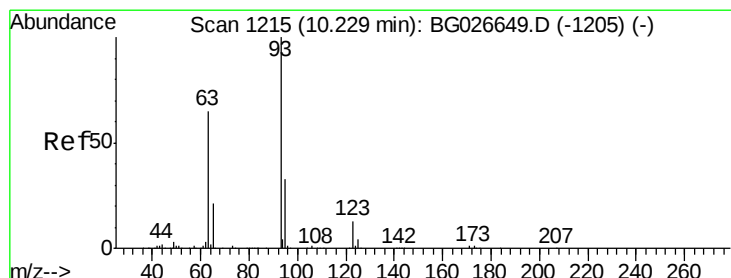
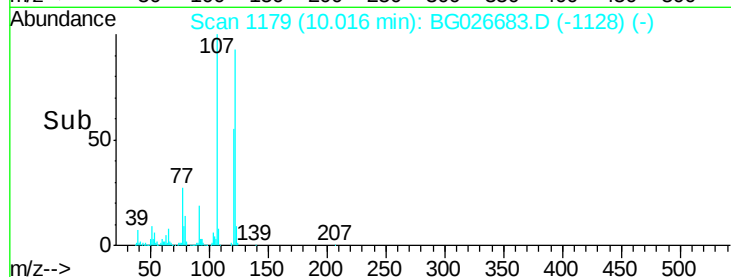
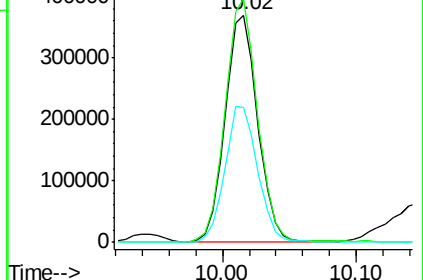
121 59.4 46.0 69.0



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: 45.25 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

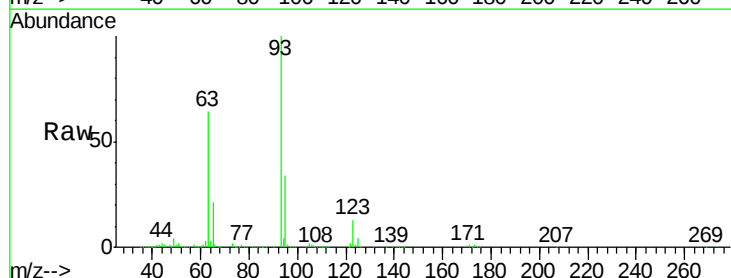
Tgt Ion: 93 Resp: 752515

Ion Ratio Lower Upper

93 100

95 33.7 25.7 38.5

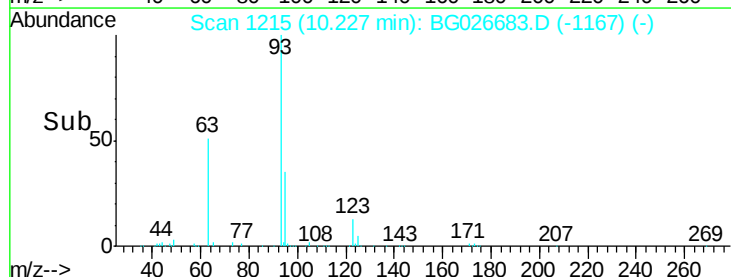
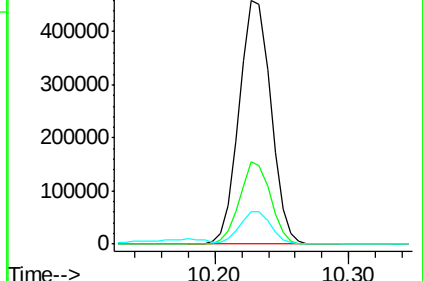
123 13.2 8.3 12.5#

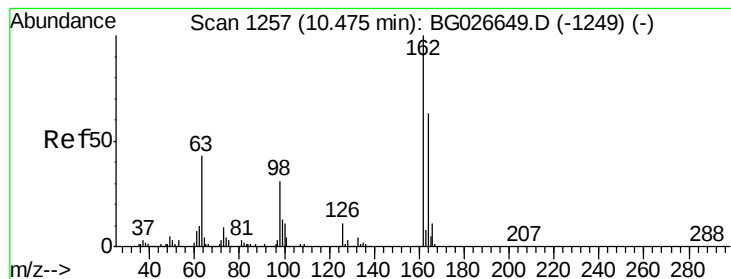


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.65 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

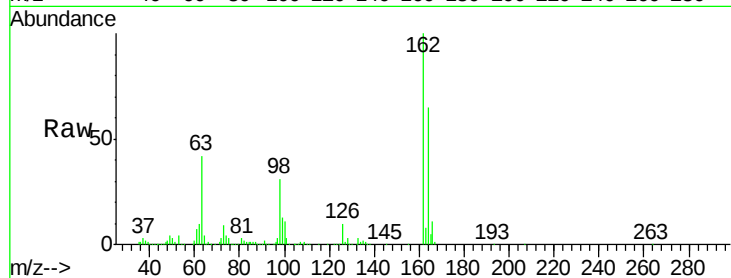
Tot Ion:162 Resp: 680741

Ion Ratio Lower Upper

162 100

164 64.6 42.4 82.4

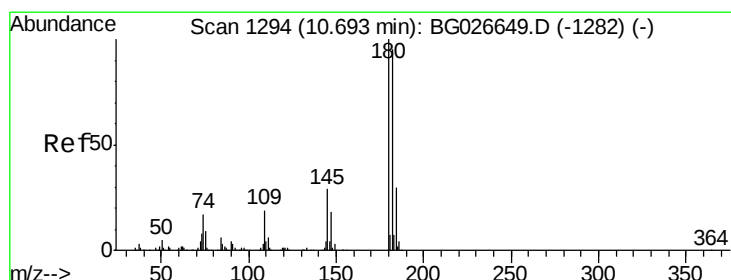
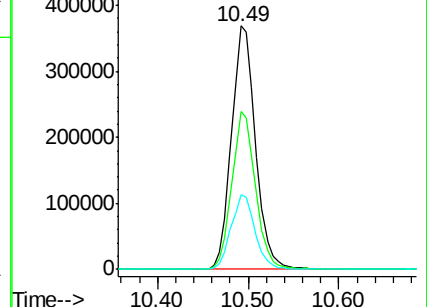
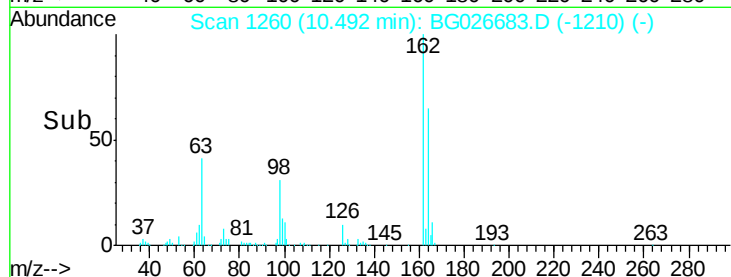
98 30.9 20.3 60.3



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): B



#30

1,2,4-Trichlorobenzene

Concen: 43.66 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

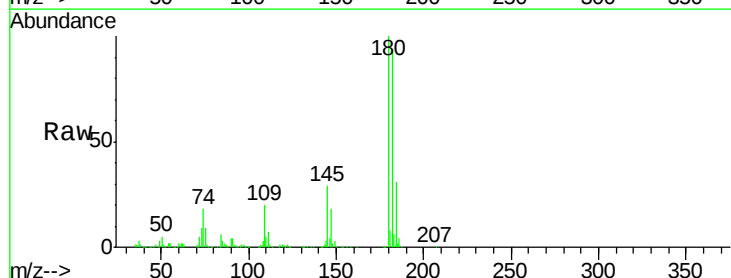
Tgt Ion:180 Resp: 654010

Ion Ratio Lower Upper

180 100

182 93.4 77.0 115.4

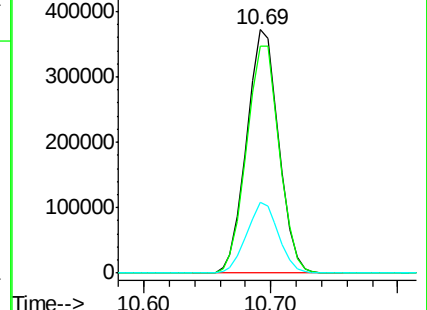
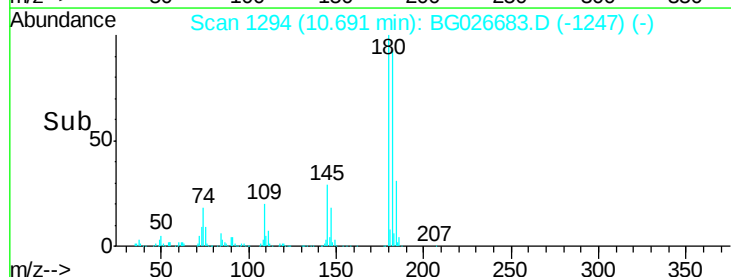
145 28.8 23.4 35.0

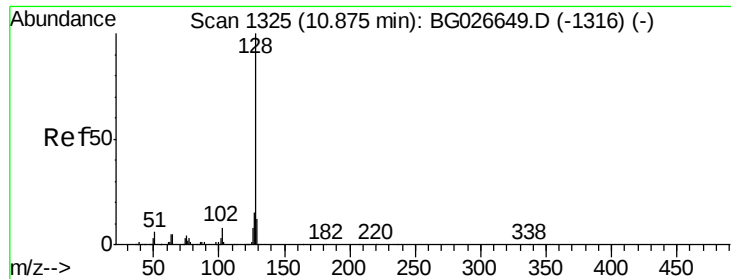


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

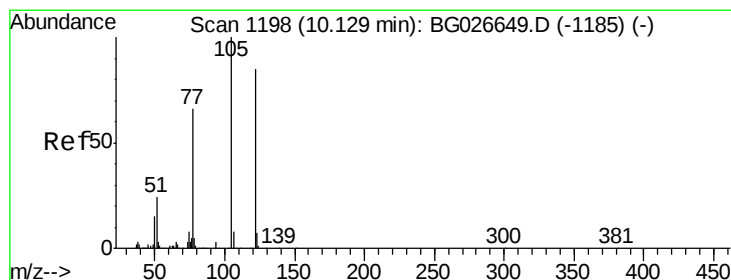
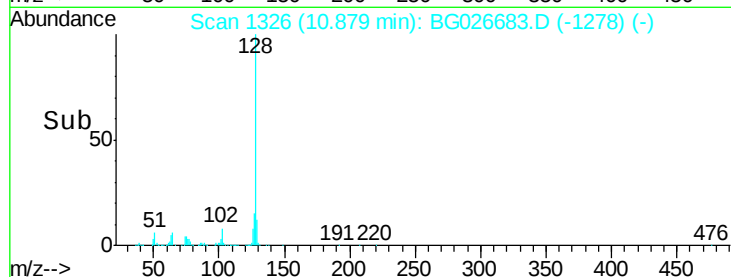
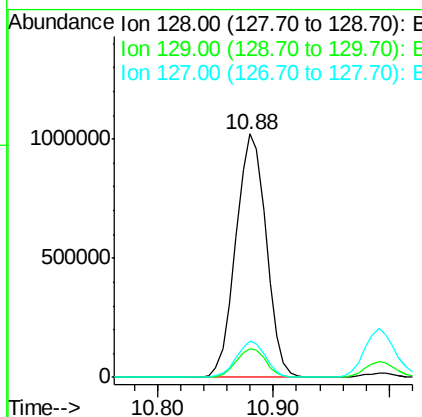
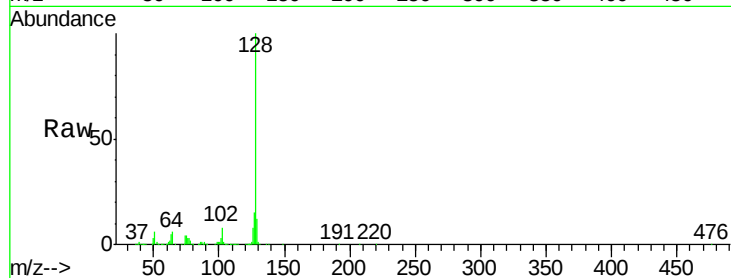




#31
Naphthalene
Concen: 43.75 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

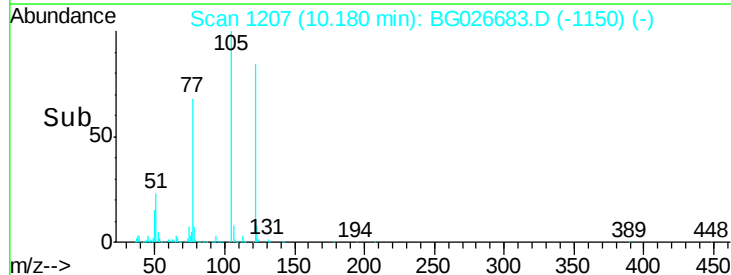
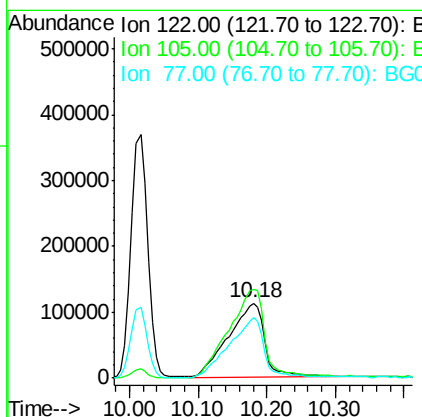
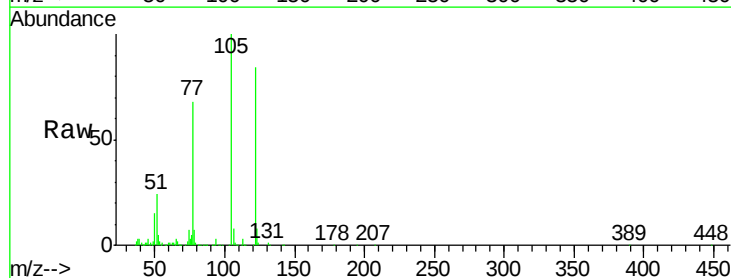
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

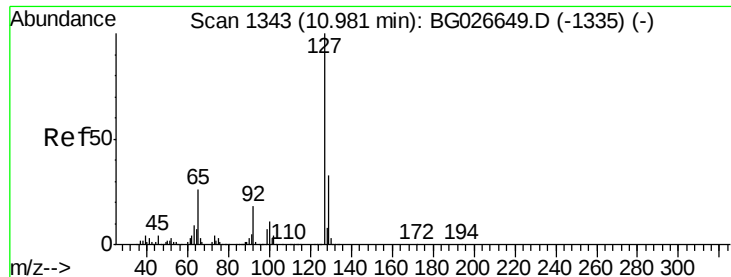
Tot Ion:128 Resp: 1859313
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.8 11.4 17.0



#32
Benzoic acid
Concen: 46.75 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.04 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:122 Resp: 418706
Ion Ratio Lower Upper
122 100
105 119.0 120.1 160.1#
77 80.9 104.6 144.6#

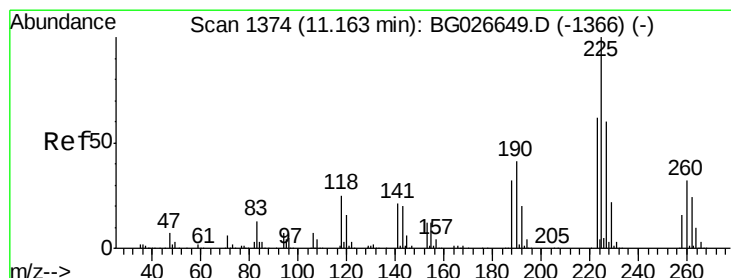
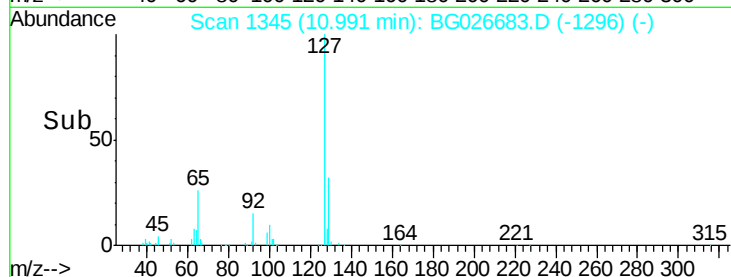
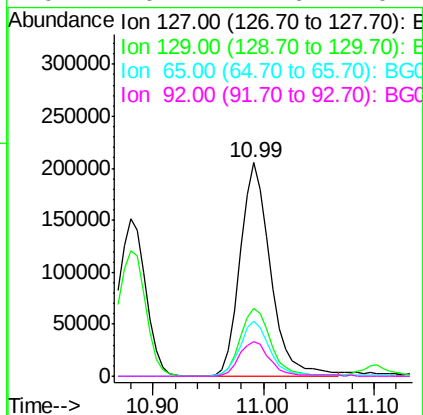
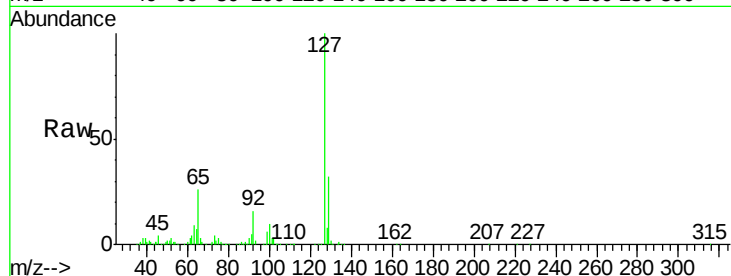




#33
4-Chloroaniline
Concen: 21.70 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

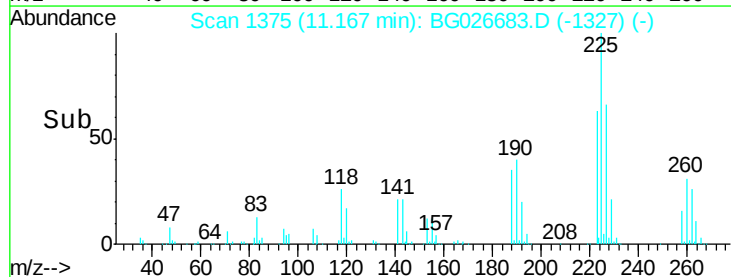
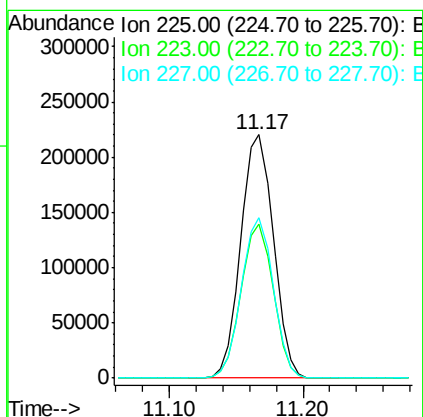
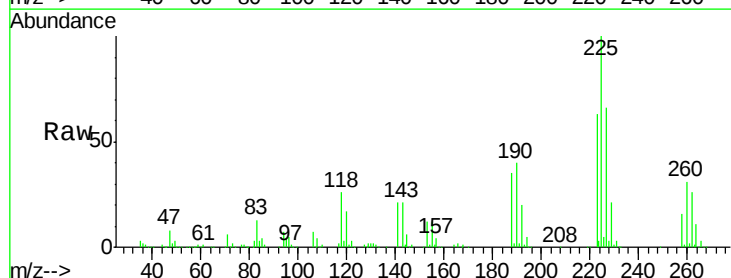
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

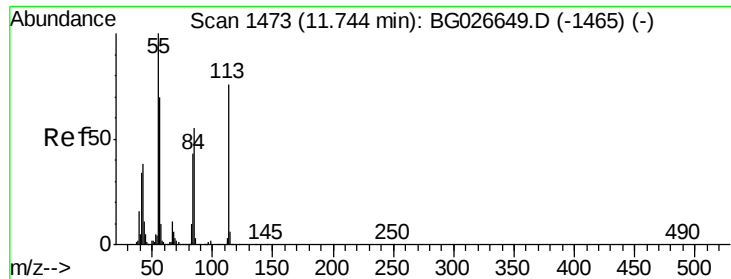
Tot Ion:127	Resp:	395606
Ion Ratio	Lower	Upper
127	100	
129	31.9	23.6 35.4
65	25.7	37.7 56.5#
92	16.4	17.6 26.4#



#34
Hexachlorobutadiene
Concen: 43.60 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:225	Resp:	373494
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.7 76.1
227	65.9	49.0 73.6





#35

Caprolactam

Concen: 45.62 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument:

BNA_G

ClientSampleId:

WETLANDSAND-PPCMSD

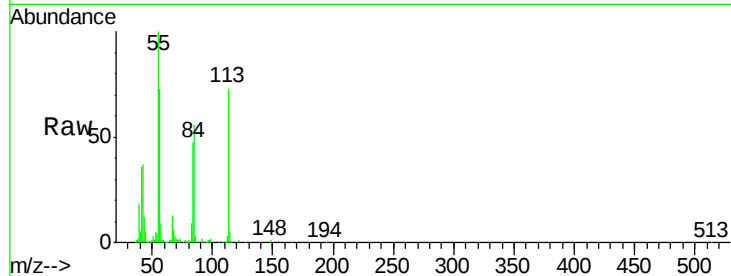
Tot Ion:113 Resp: 238080

Ion Ratio Lower Upper

113 100

55 137.4 198.6 238.6#

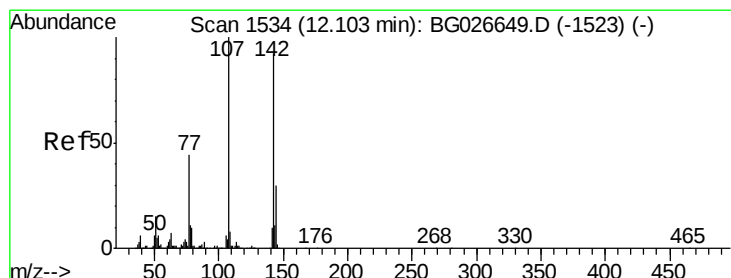
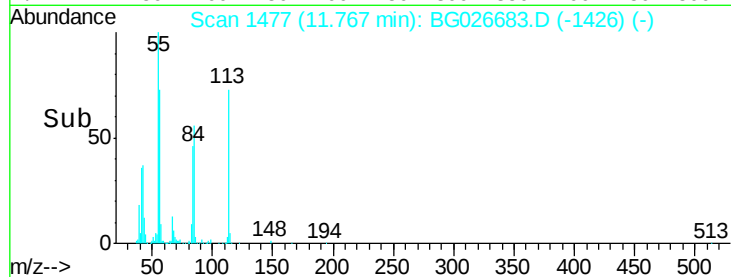
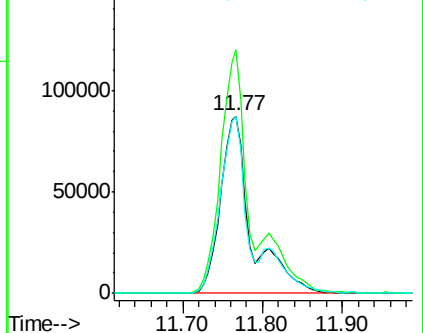
56 100.0 140.4 180.4#



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: 49.64 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

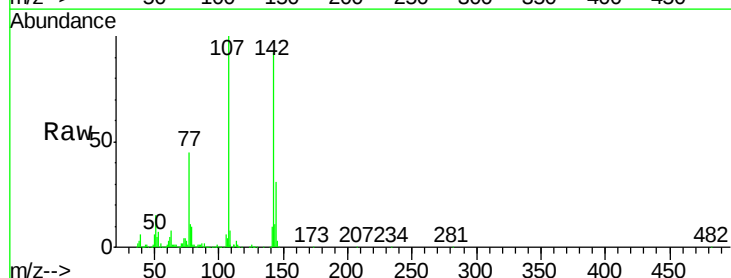
Tgt Ion:107 Resp: 671993

Ion Ratio Lower Upper

107 100

144 30.6 17.4 26.0#

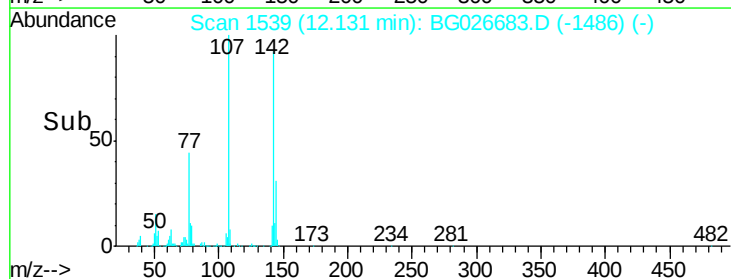
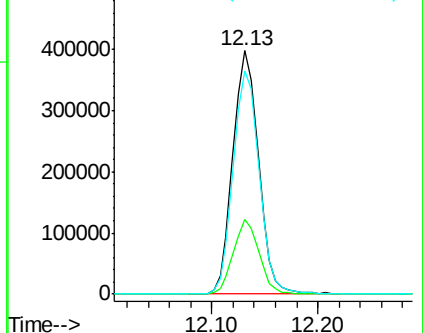
142 91.6 54.1 81.1#

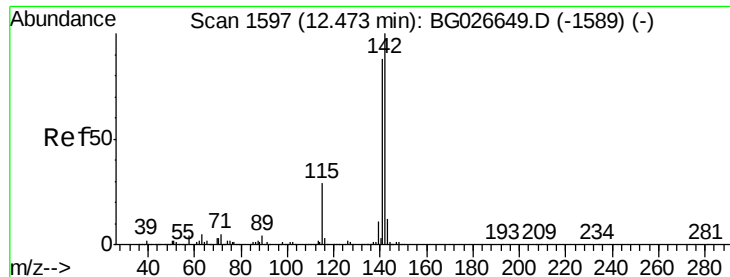


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

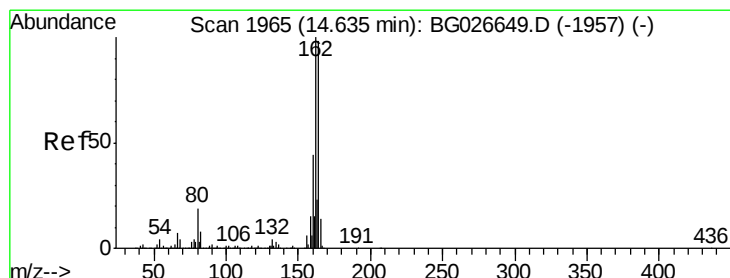
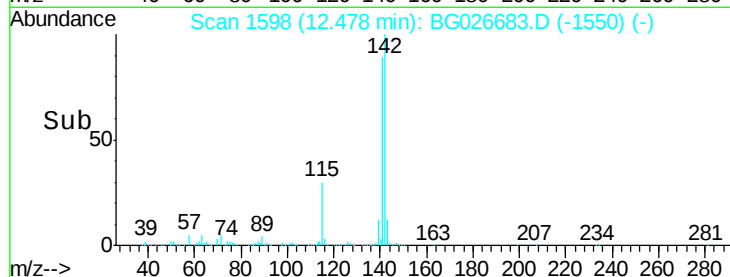
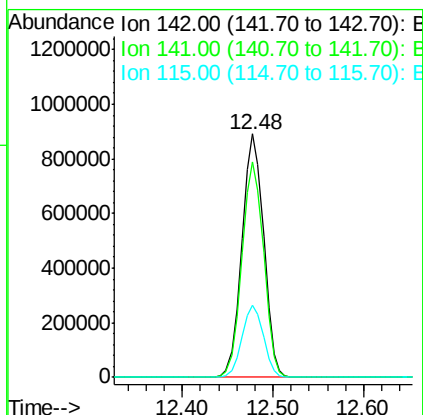
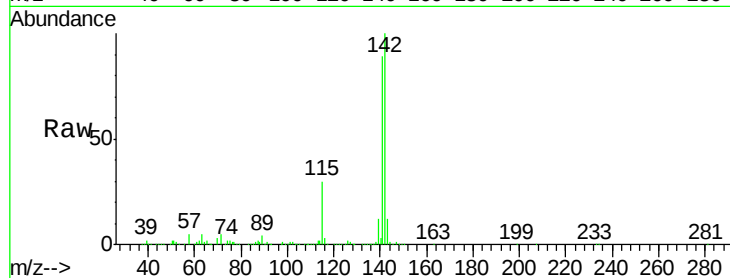




#37
2-Methylnaphthalene
Concen: 45.34 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

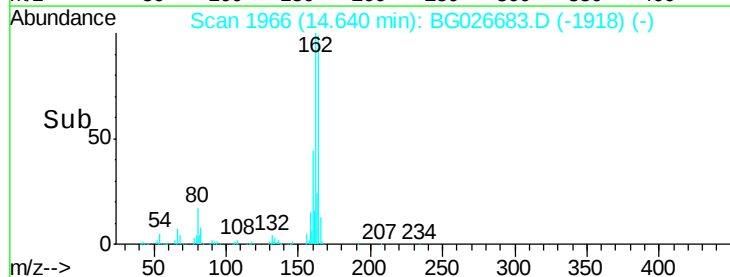
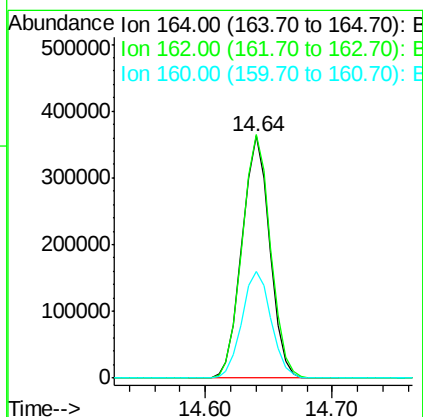
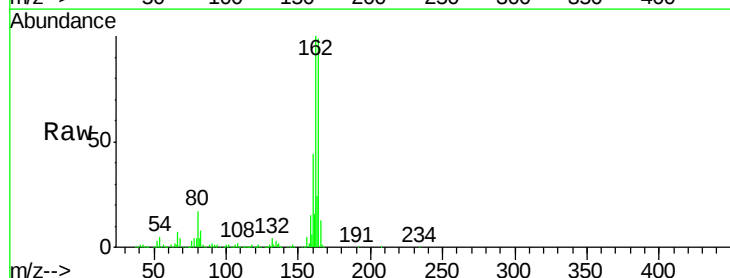
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

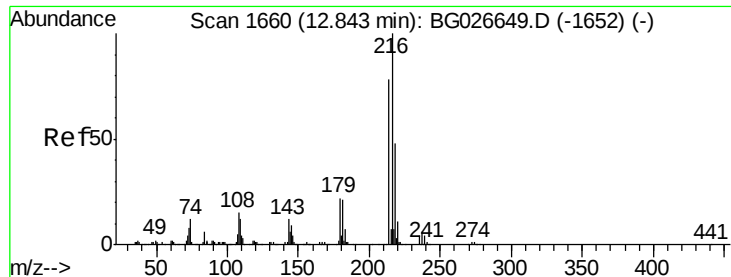
Tot Ion:142 Resp: 1482938
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6
115 29.7 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:164 Resp: 551412
Ion Ratio Lower Upper
164 100
162 100.6 85.1 127.7
160 44.0 34.7 52.1

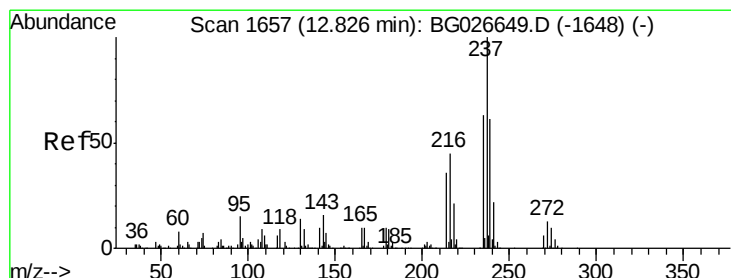
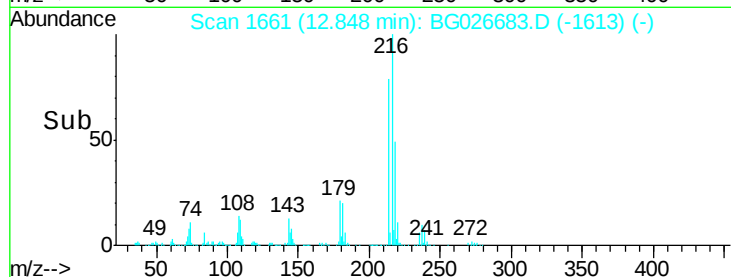
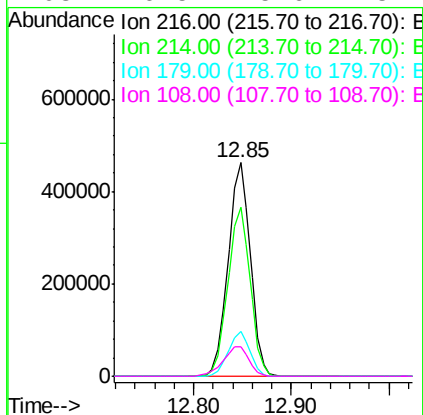
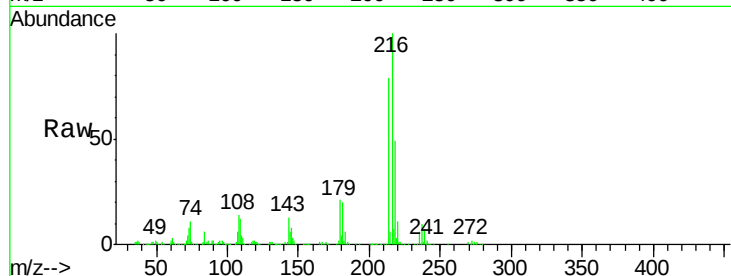




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.82 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

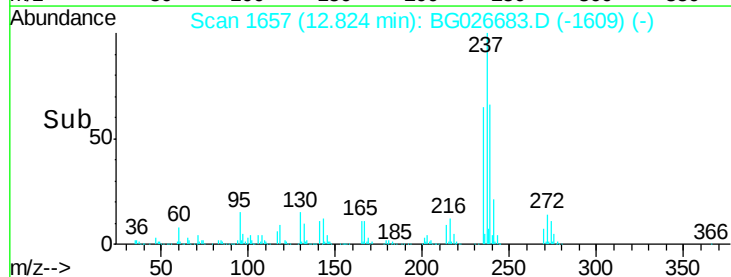
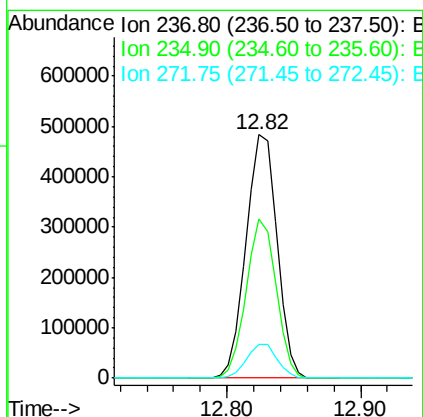
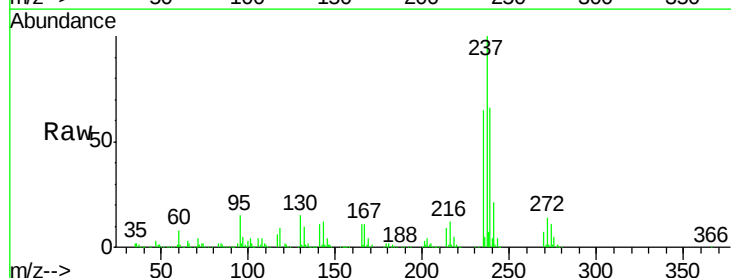
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

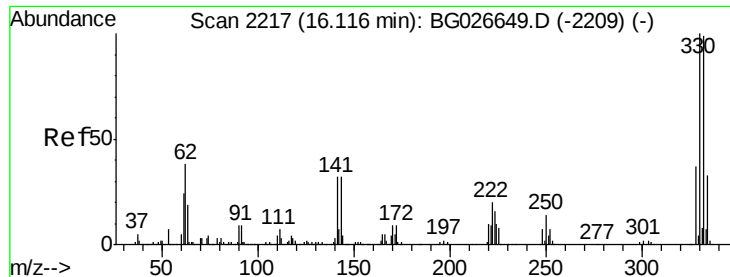
Tot Ion:216	Resp:	727311
Ion Ratio	Lower	Upper
216	100	
214	79.4	64.4 96.6
179	20.4	17.4 26.0
108	16.5	15.6 23.4



#40
 Hexachlorocyclopentadiene
 Concen: 90.20 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:237	Resp:	774167
Ion Ratio	Lower	Upper
237	100	
235	65.2	39.4 79.4
272	13.7	0.0 32.0





#41

2,4,6-Tribromophenol

Concen: 141.69 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

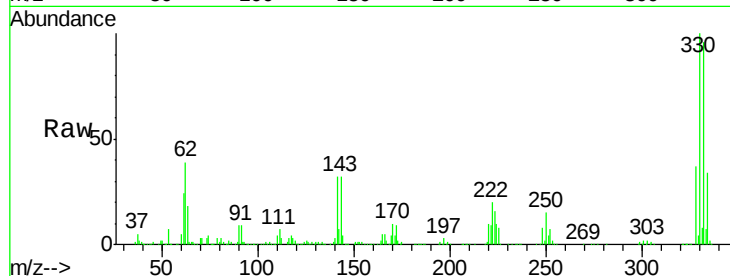
Tot Ion:330 Resp: 1088669

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

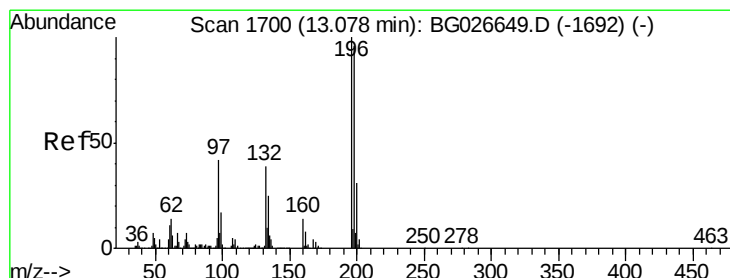
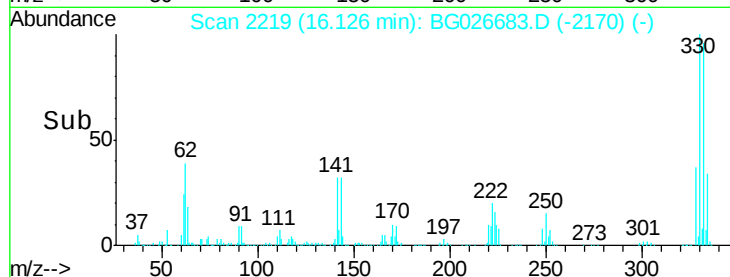
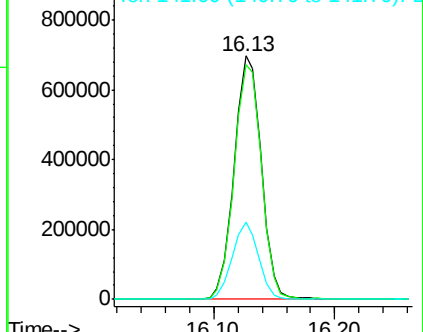
141 30.8 32.1 48.1#



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: 46.45 ng

RT: 13.09 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

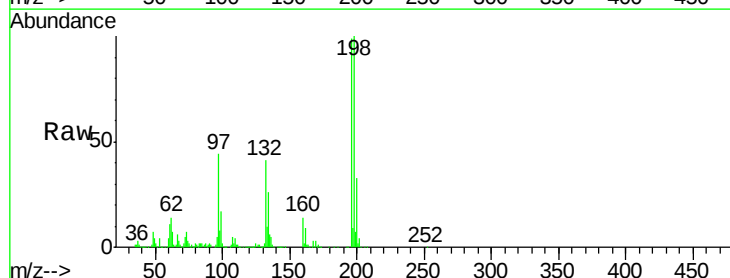
Tgt Ion:196 Resp: 561745

Ion Ratio Lower Upper

196 100

198 100.6 81.4 122.2

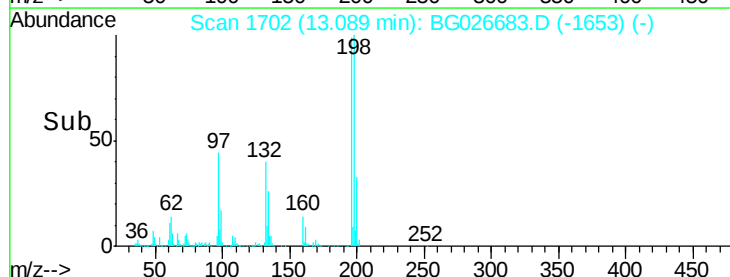
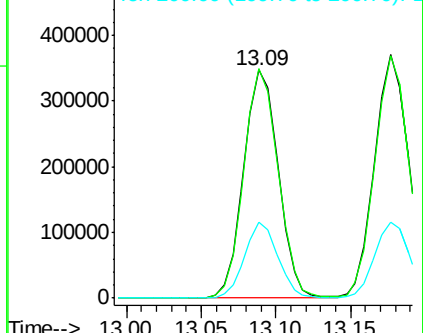
200 33.4 27.0 40.6

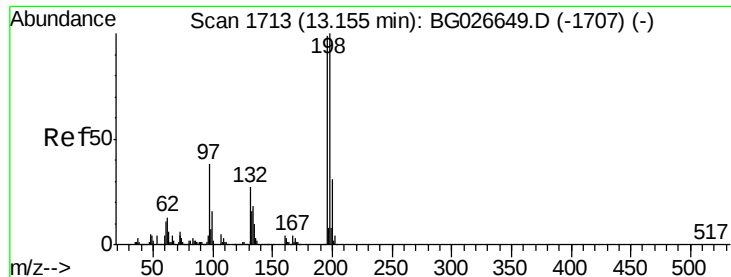


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

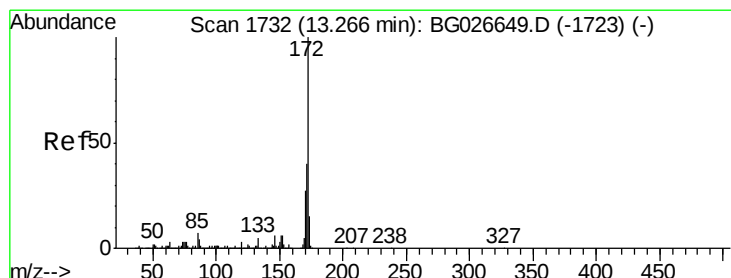
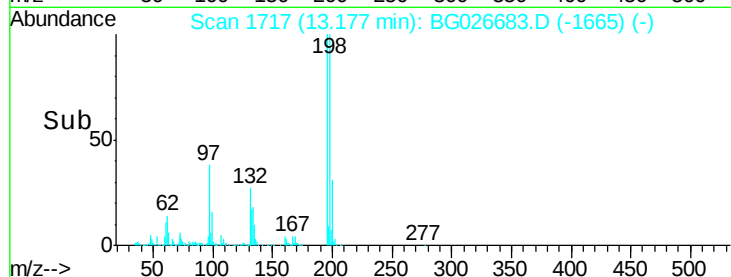
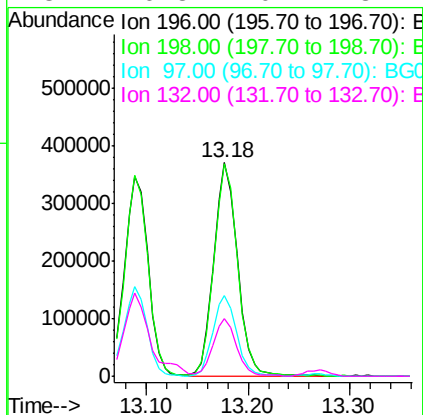
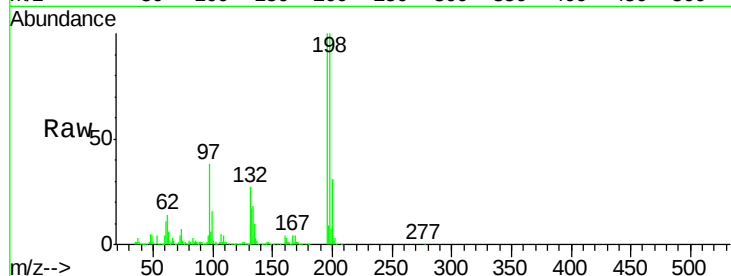




#43
2,4,5-Trichlorophenol
Concen: 46.98 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

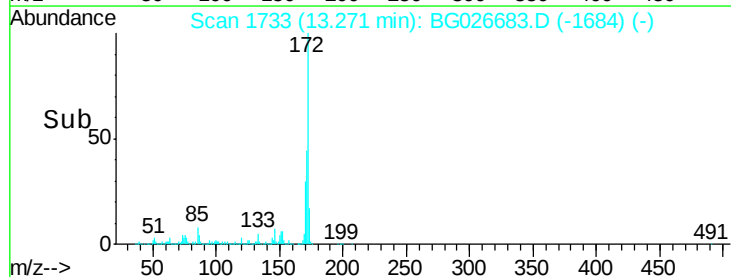
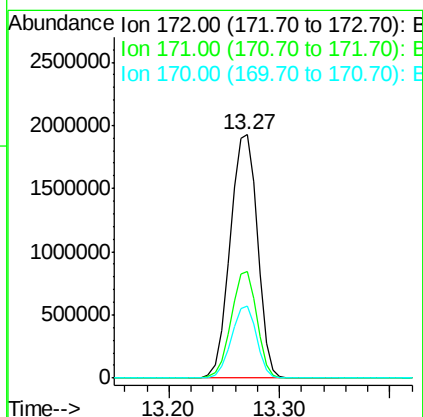
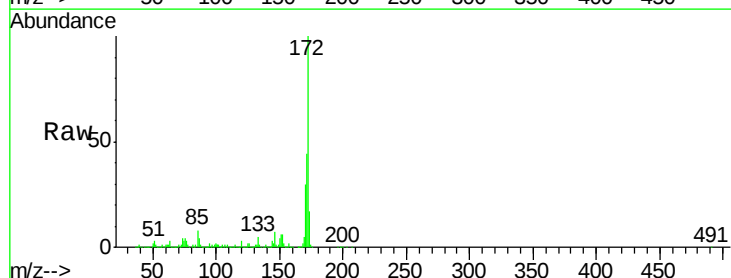
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

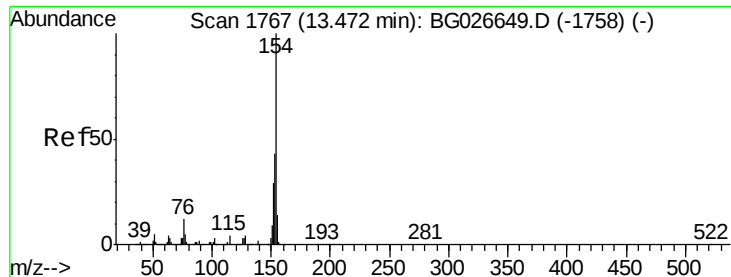
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.9	119.9
97	37.9	45.4	68.0
132	26.8	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 90.34 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.8	32.2	48.2
170	29.6	21.8	32.6





#45

1,1'-Biphenyl

Concen: 42.38 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

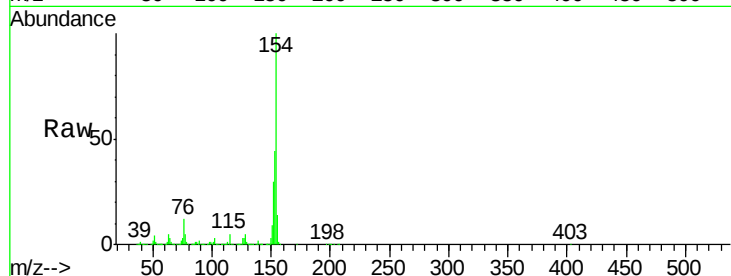
BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

Tot Ion:154 Resp: 1899108

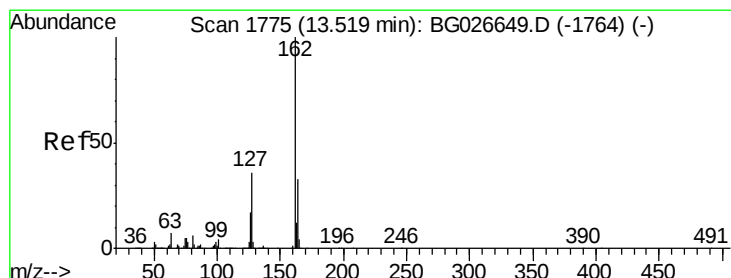
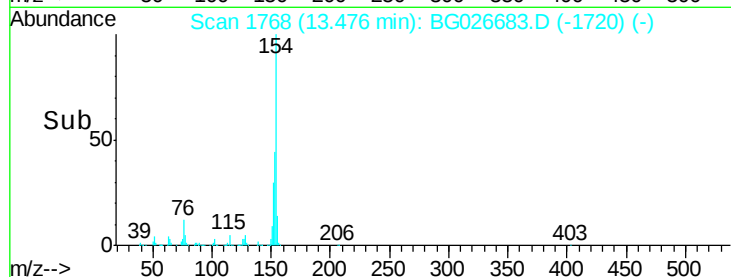
Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.0	63.0
76	12.1	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.35 ng

RT: 13.52 min Scan# 1776

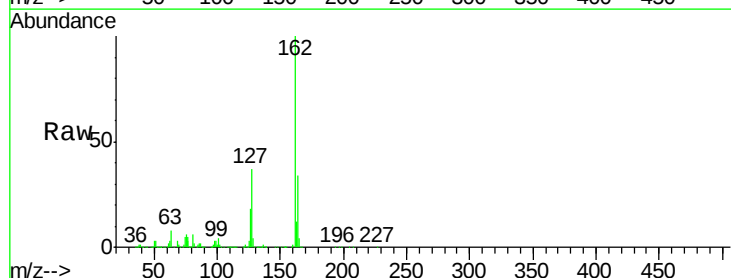
Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:162 Resp: 1472104

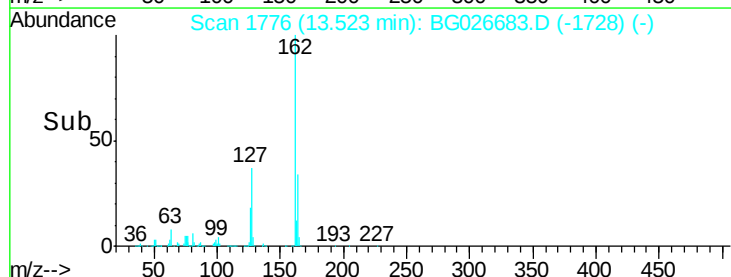
Ion	Ratio	Lower	Upper
162	100		
127	37.1	32.2	48.4
164	34.5	27.3	40.9

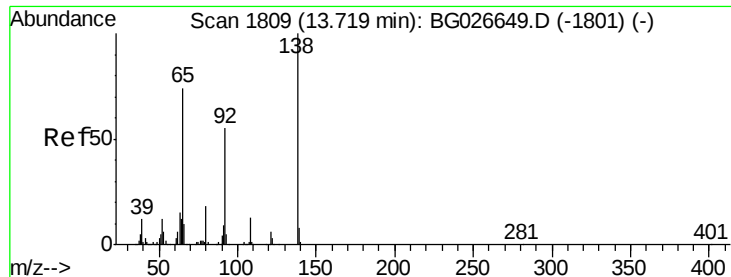


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

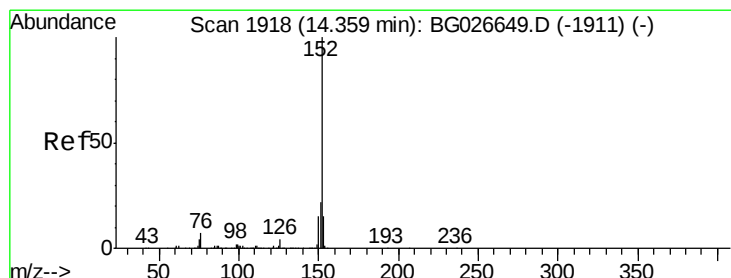
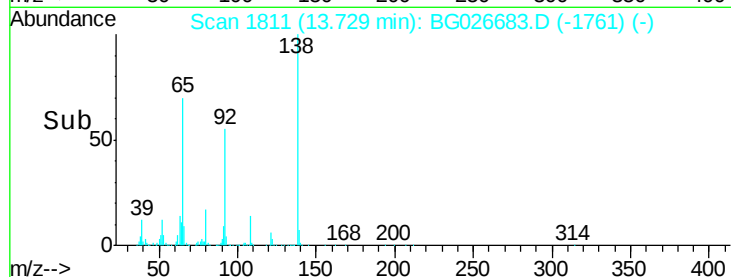
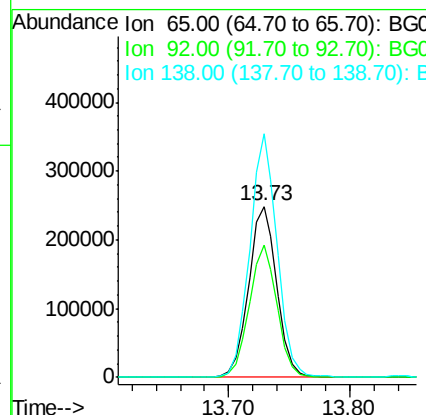
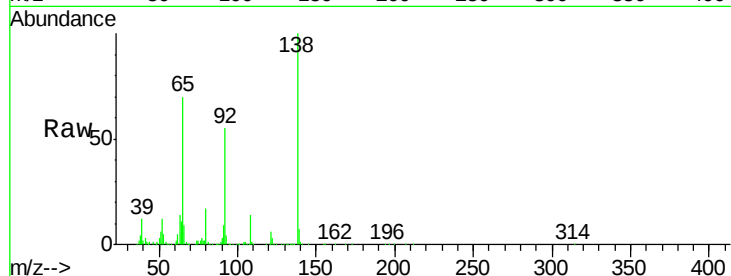




#47
2-Nitroaniline
Concen: 46.31 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

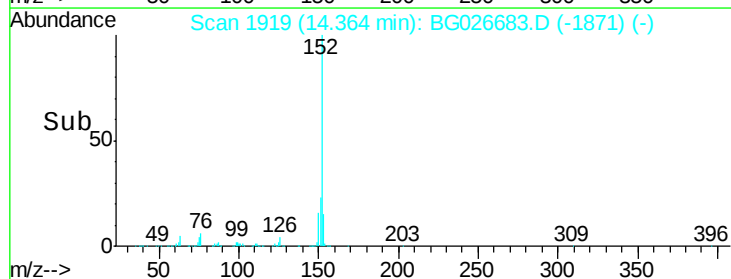
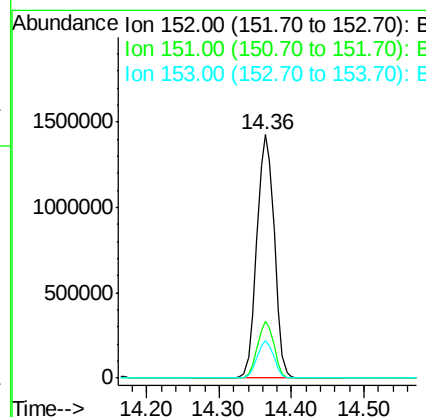
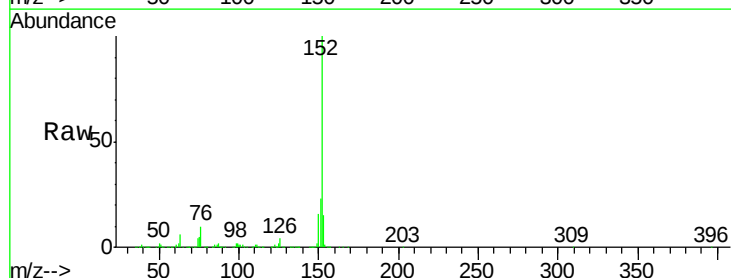
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

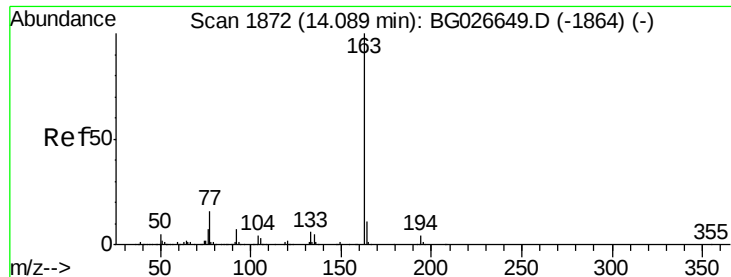
Tot Ion: 65 Resp: 401638
Ion Ratio Lower Upper
65 100
92 77.7 49.0 73.4#
138 142.5 58.6 87.8#



#48
Acenaphthylene
Concen: 43.54 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion: 152 Resp: 2377303
Ion Ratio Lower Upper
152 100
151 23.5 18.2 27.2
153 15.4 11.3 16.9

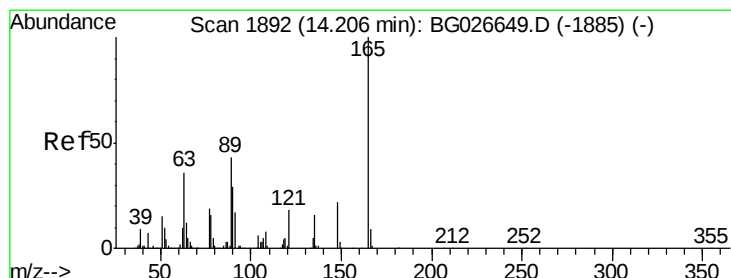
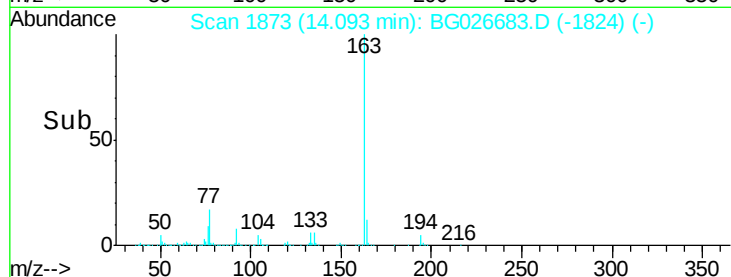
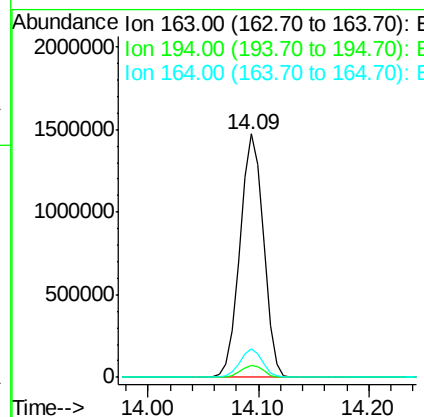
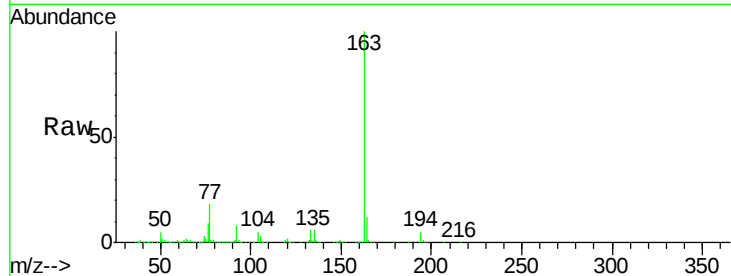




#49
Dimethylphthalate
Concen: 50.64 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

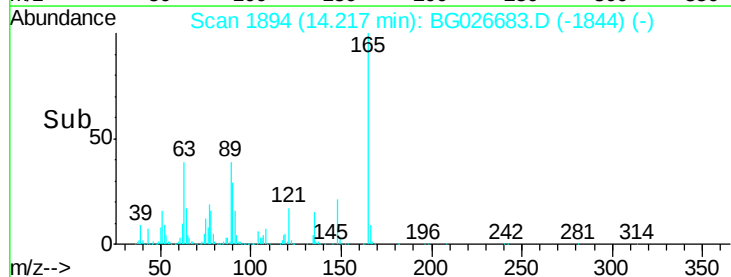
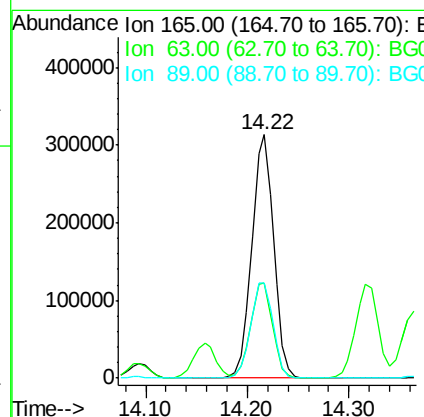
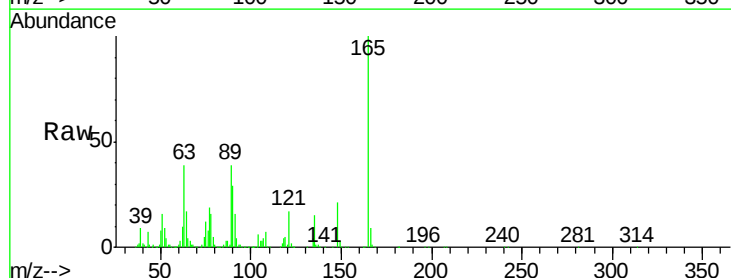
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

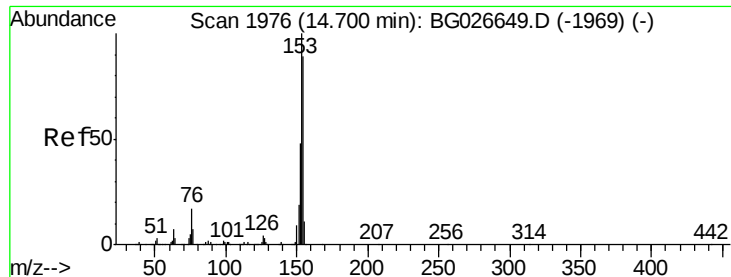
Tot Ion:163 Resp: 2210496
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 11.7 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 45.64 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:165 Resp: 465888
Ion Ratio Lower Upper
165 100
63 39.1 63.9 95.9#
89 38.9 58.6 88.0#





#51

Acenaphthene

Concen: 43.52 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

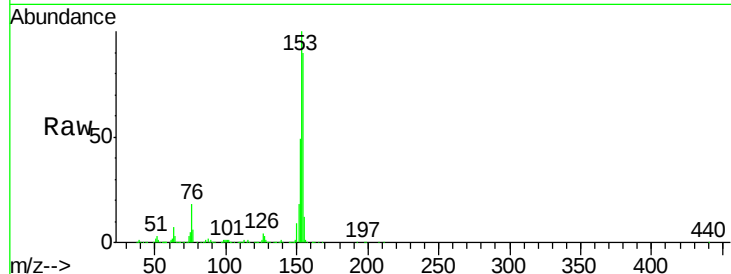
Tot Ion:154 Resp: 1512310

Ion Ratio Lower Upper

154 100

153 110.6 87.8 131.6

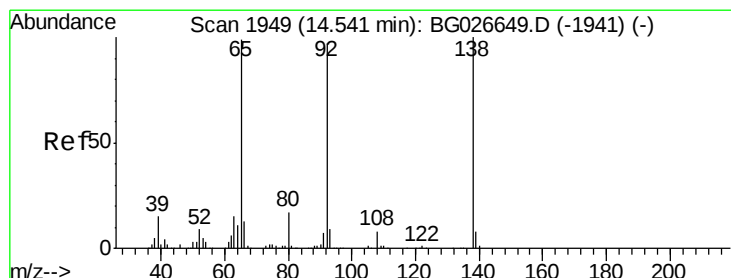
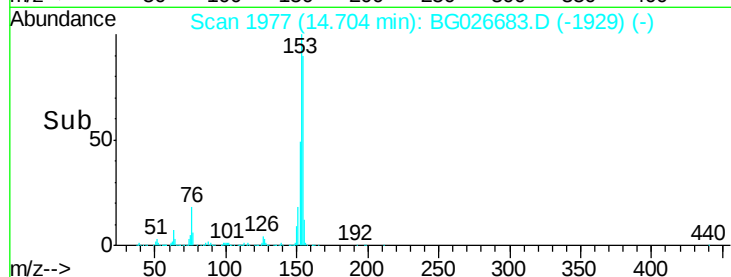
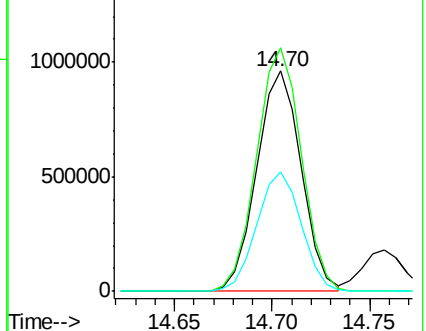
152 54.5 42.2 63.4



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: 35.37 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

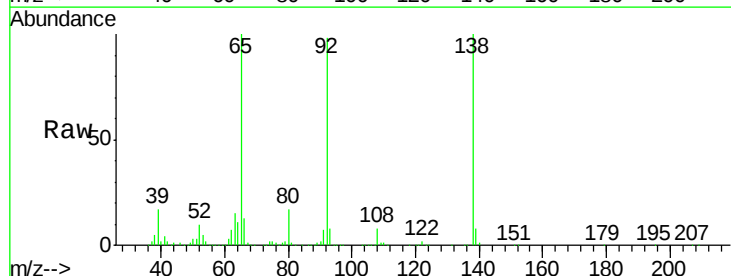
Tgt Ion:138 Resp: 393787

Ion Ratio Lower Upper

138 100

108 8.4 10.9 16.3#

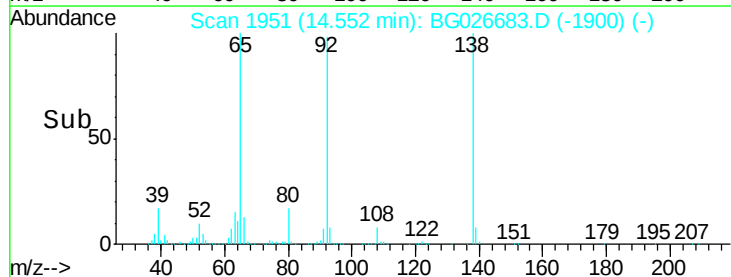
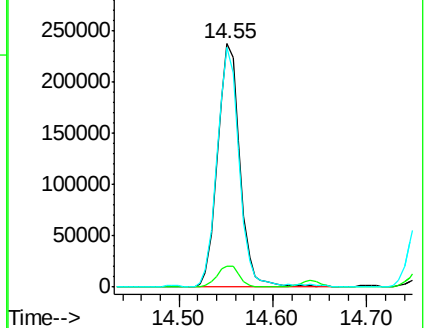
92 98.3 115.3 172.9#

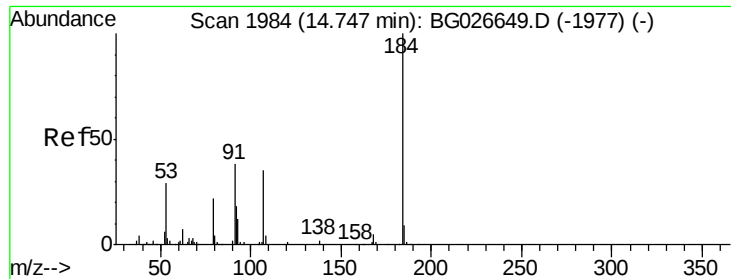


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

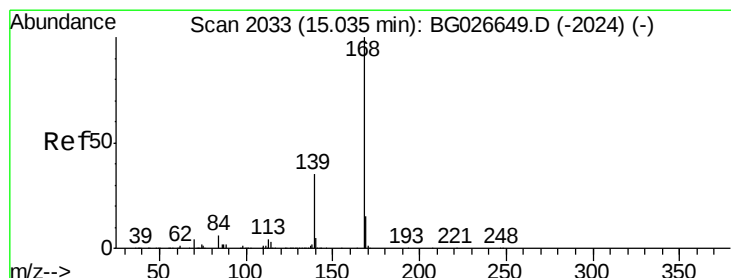
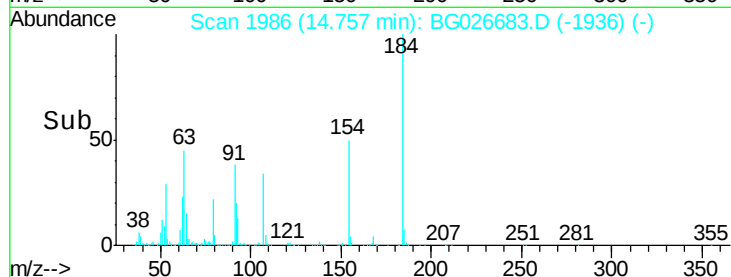
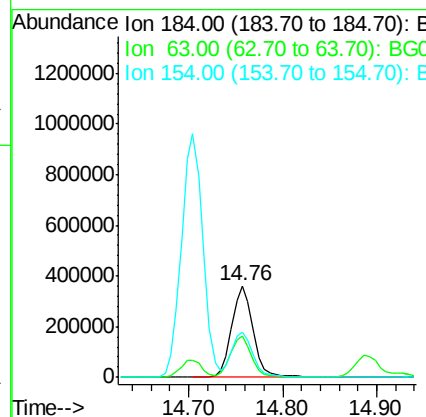
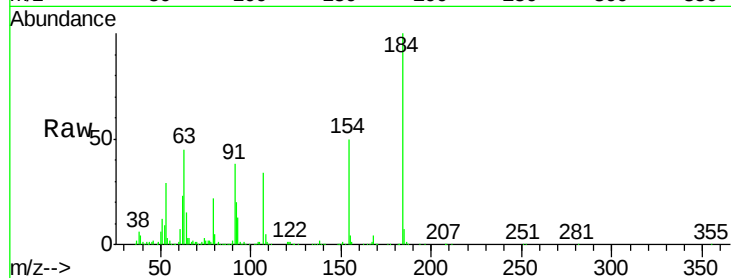




#53
2,4-Dinitrophenol
Concen: 93.06 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

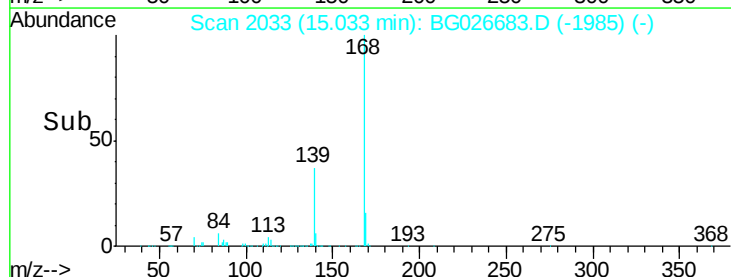
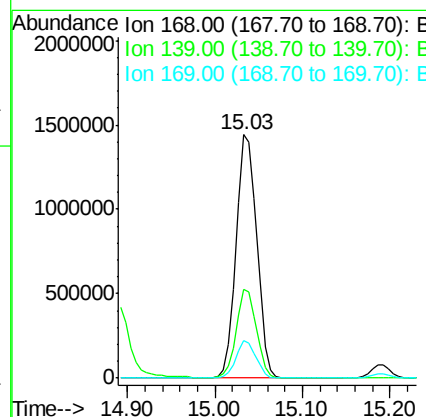
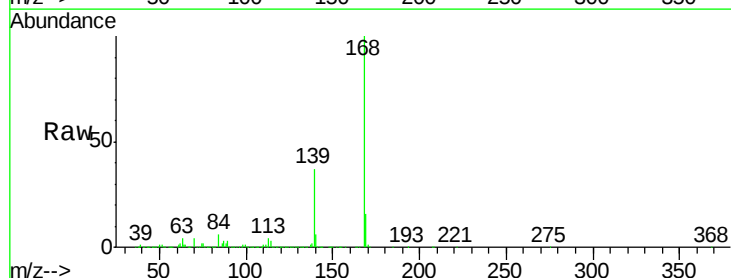
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

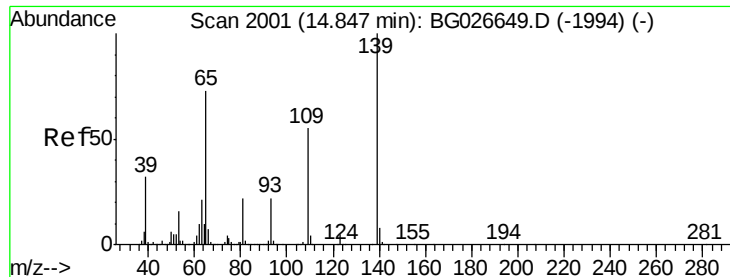
Tot Ion:184 Resp: 573795
Ion Ratio Lower Upper
184 100
63 45.2 52.7 79.1#
154 49.9 57.3 85.9#



#54
Dibenzofuran
Concen: 42.70 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:168 Resp: 2313114
Ion Ratio Lower Upper
168 100
139 36.7 35.3 52.9
169 15.6 11.5 17.3

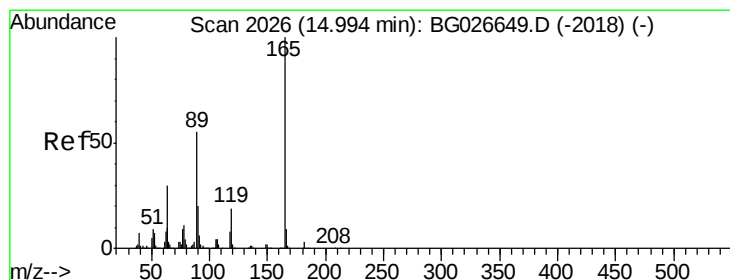
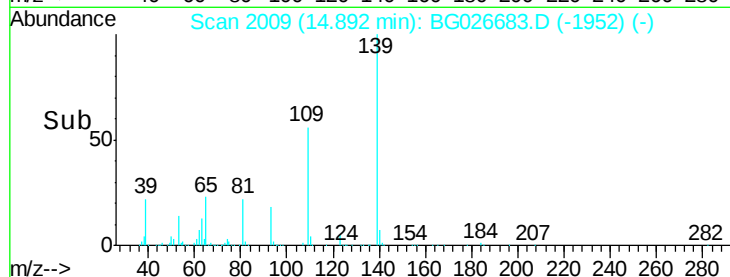
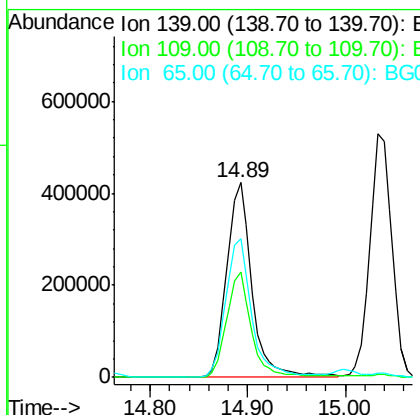
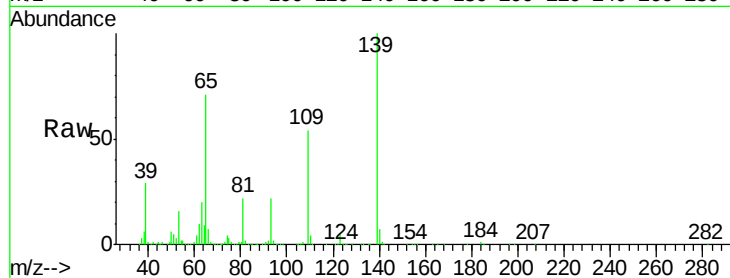




#55
4-Nitrophenol
Concen: 80.89 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

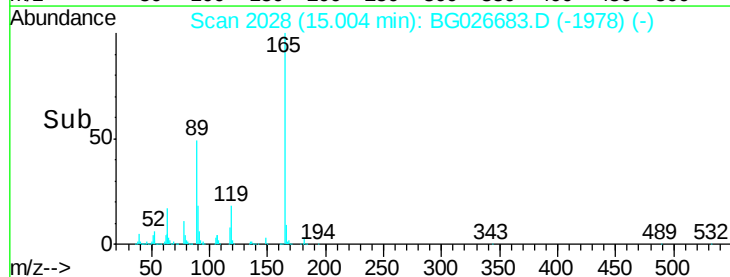
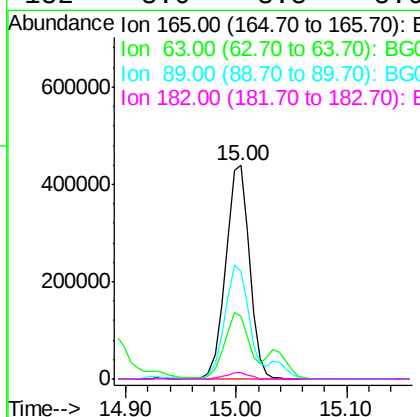
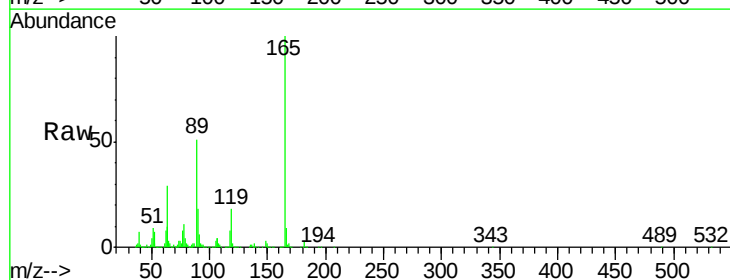
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

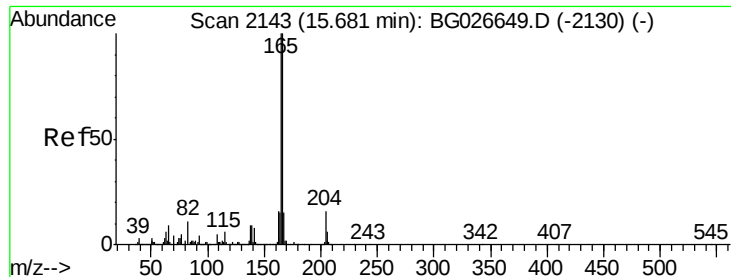
Tot Ion:139 Resp: 760285
Ion Ratio Lower Upper
139 100
109 54.1 101.2 141.2#
65 71.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 45.53 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:165 Resp: 659944
Ion Ratio Lower Upper
165 100
63 29.1 44.0 66.0#
89 50.6 67.3 100.9#
182 3.0 3.8 5.6#





#57

Fluorene

Concen: 42.82 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

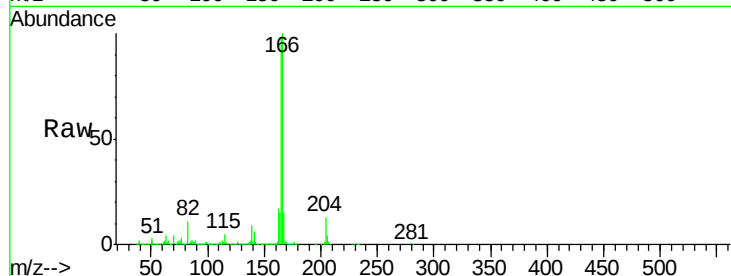
Tot Ion:166 Resp: 1909651

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

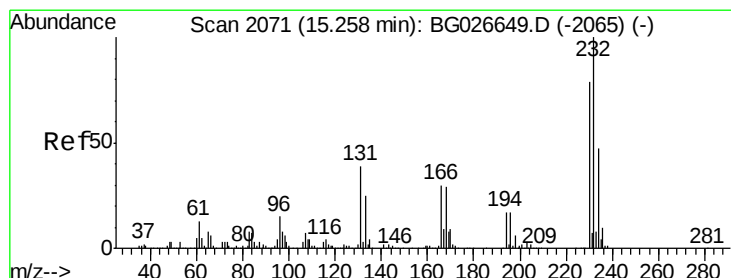
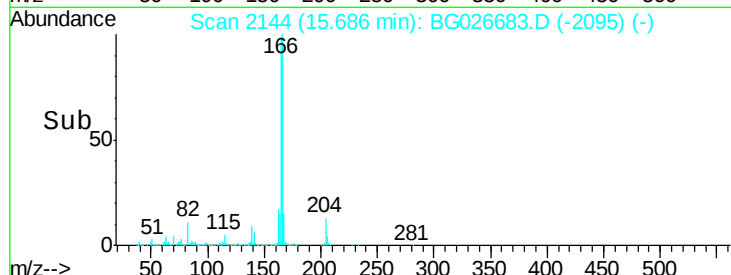
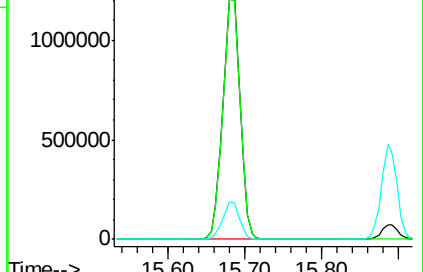
167 15.1 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.40 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:232 Resp: 564503

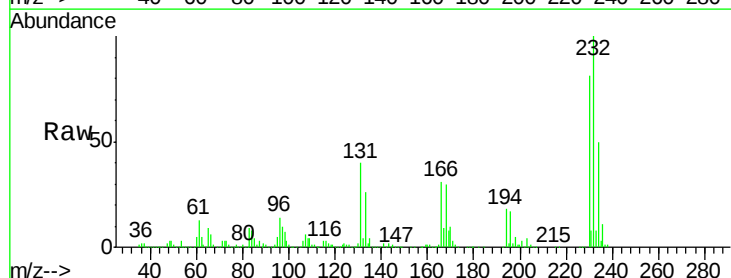
Ion Ratio Lower Upper

232 100

131 38.9 34.9 52.3

130 2.1 2.3 3.5#

166 29.8 24.2 36.4

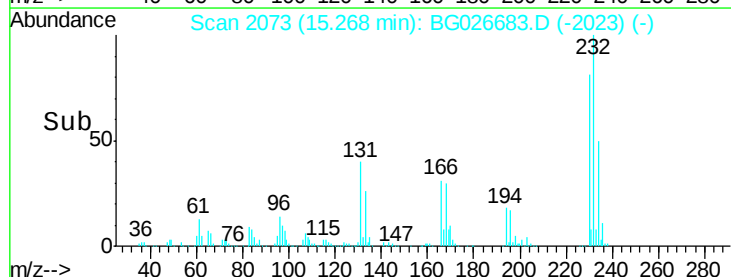
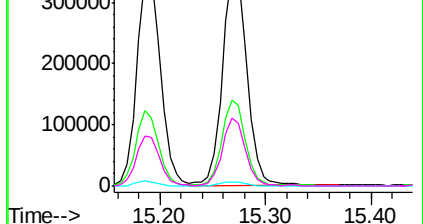


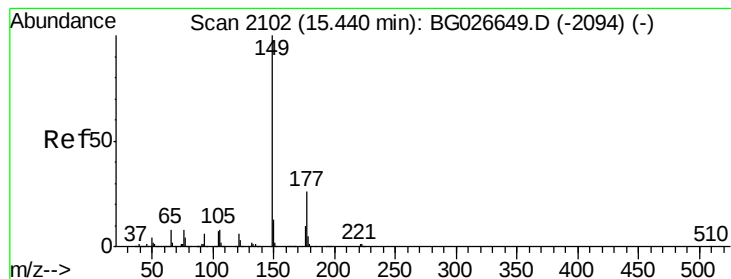
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 41.98 ng

RT: 15.44 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

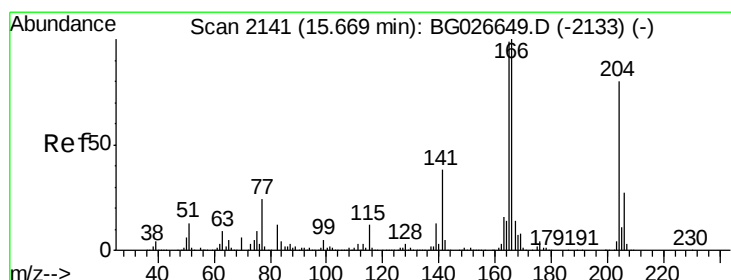
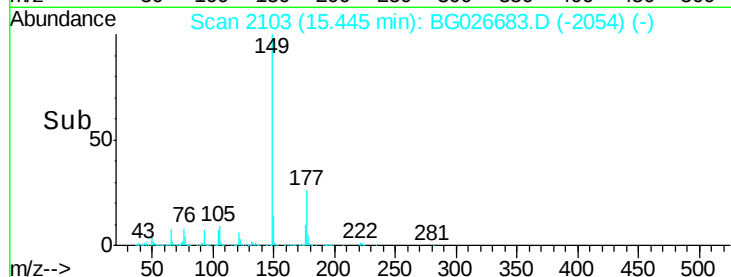
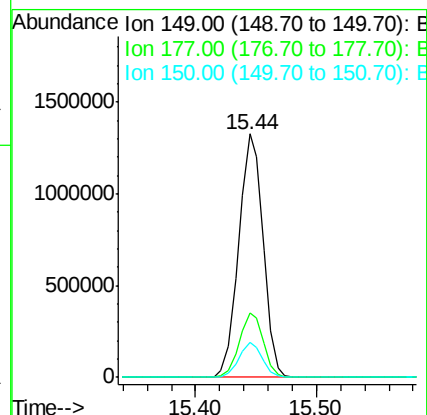
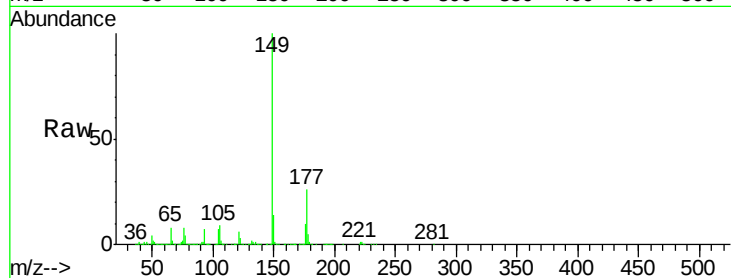
Tot Ion:149 Resp: 1863190

Ion Ratio Lower Upper

149 100

177 26.4 20.1 30.1

150 14.2 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 43.88 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

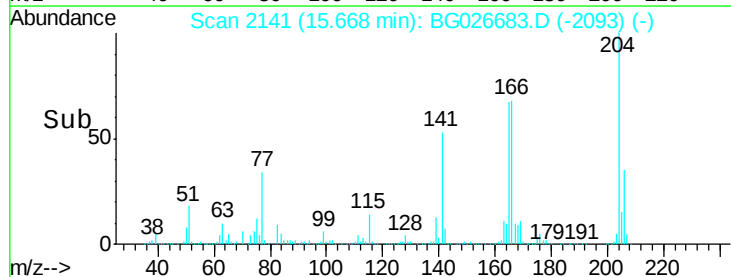
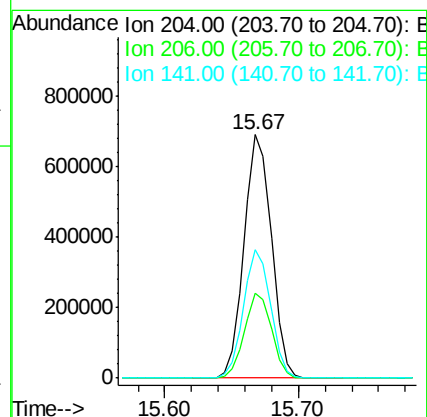
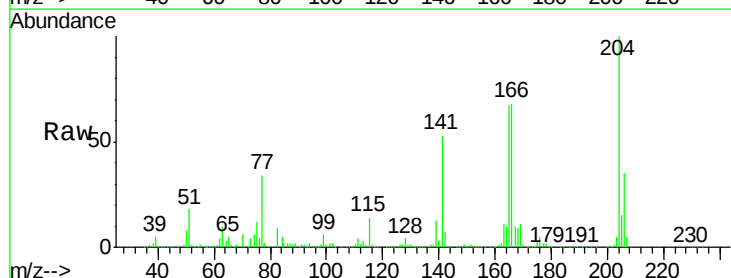
Tgt Ion:204 Resp: 976647

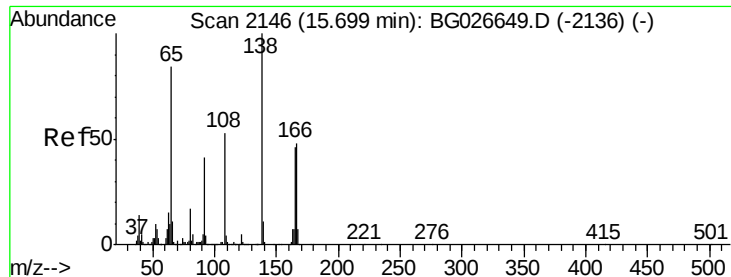
Ion Ratio Lower Upper

204 100

206 34.8 30.1 45.1

141 52.9 50.6 76.0

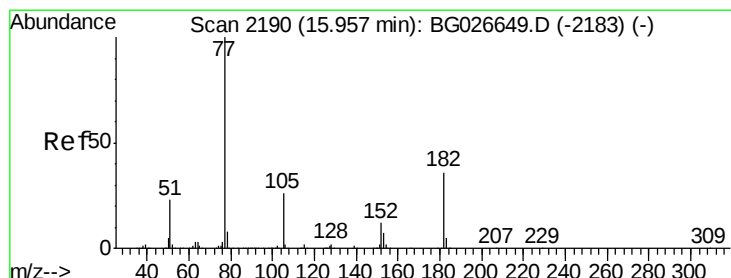
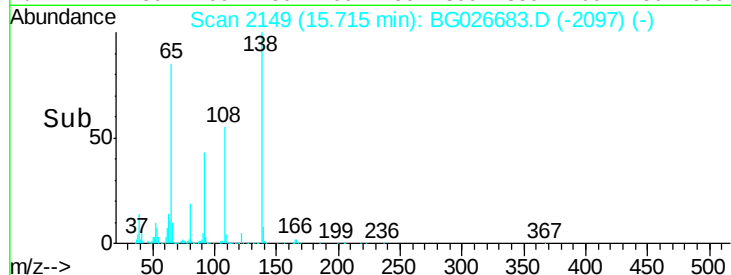
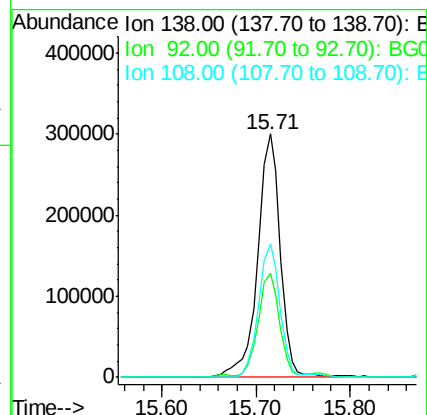
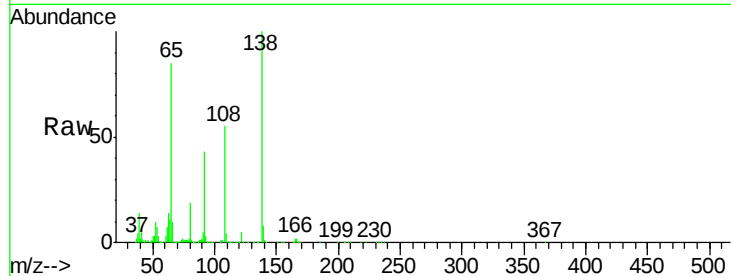




#61
4-Nitroaniline
Concen: 42.23 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

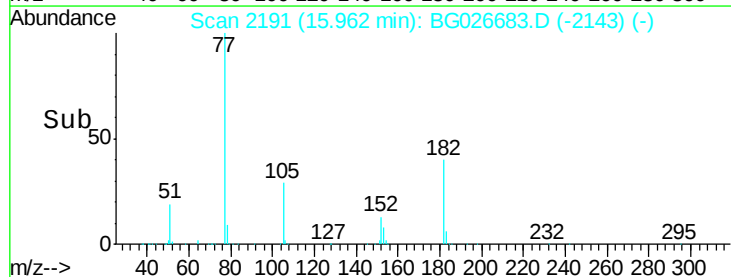
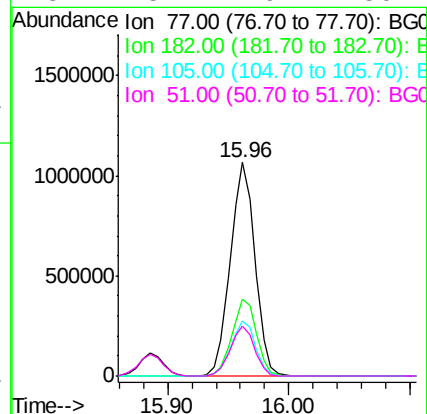
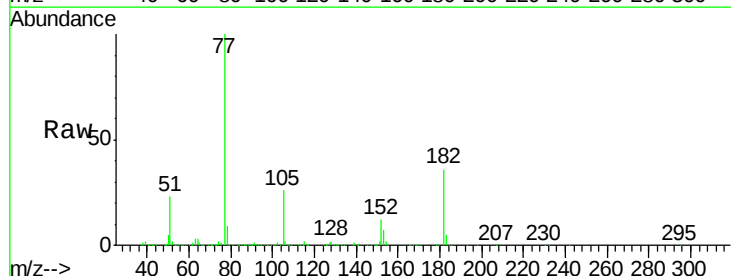
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

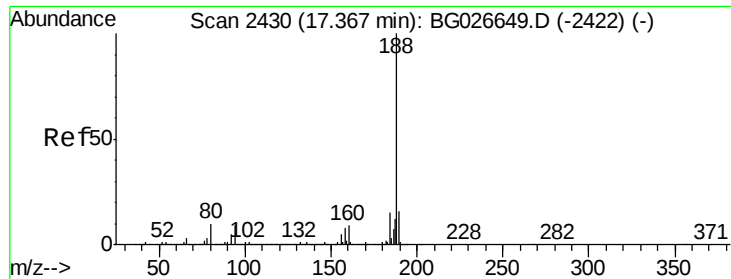
Tot Ion:138 Resp: 501404
Ion Ratio Lower Upper
138 100
92 42.9 44.2 84.2#
108 54.6 104.8 144.8#



#62
Azobenzene
Concen: 43.90 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion: 77 Resp: 1503056
Ion Ratio Lower Upper
77 100
182 36.1 4.7 44.7
105 25.8 0.0 36.3
51 23.4 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

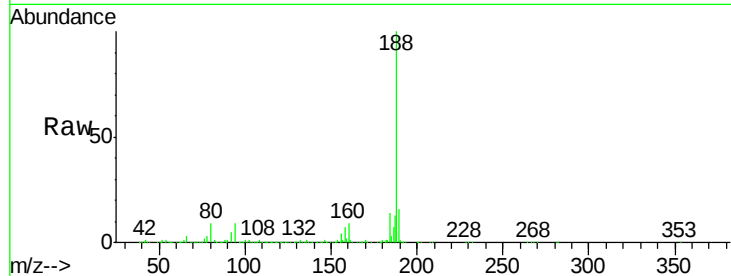
Tot Ion:188 Resp: 1292054

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

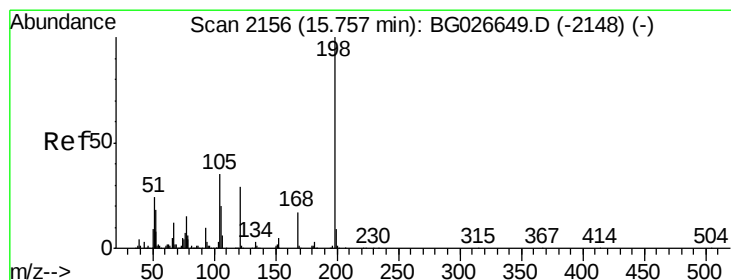
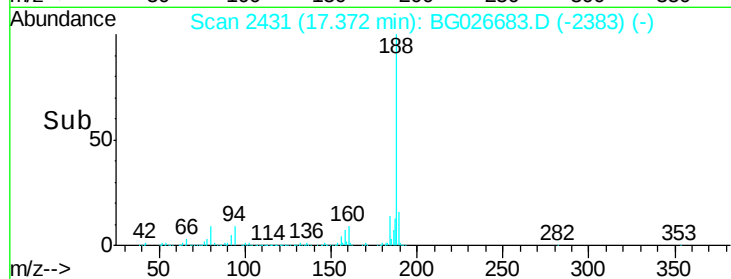
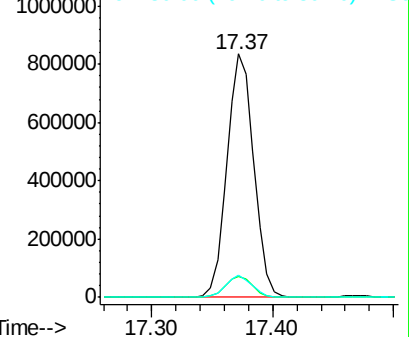
80 9.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.65 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

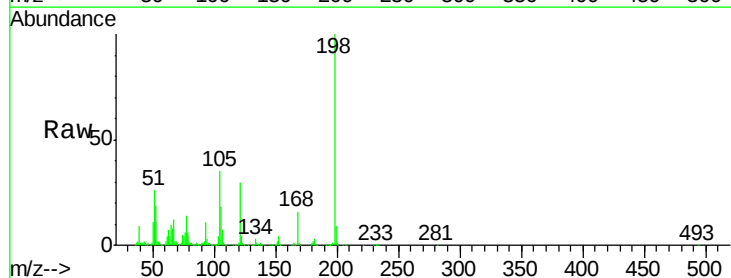
Tgt Ion:198 Resp: 424468

Ion Ratio Lower Upper

198 100

51 26.0 22.6 62.6

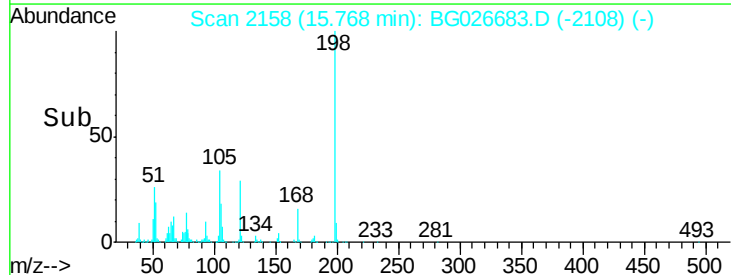
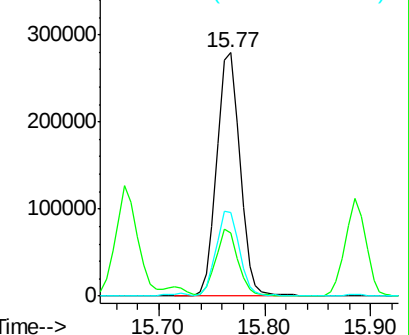
105 34.6 14.4 54.4

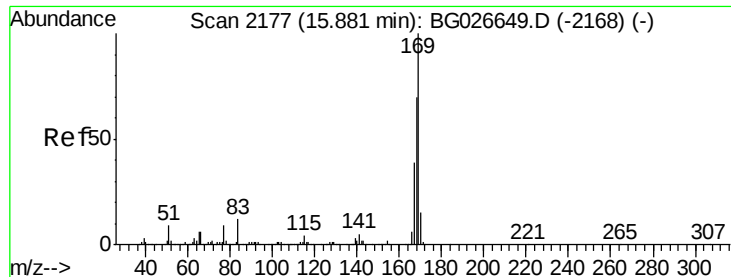


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

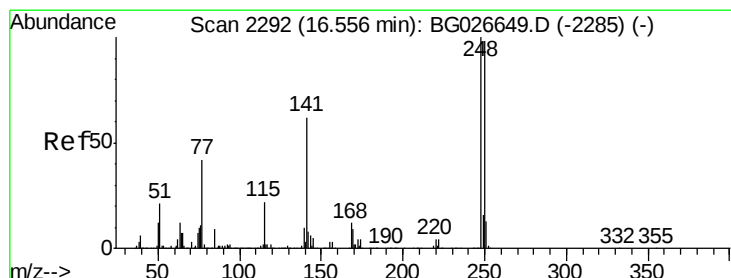
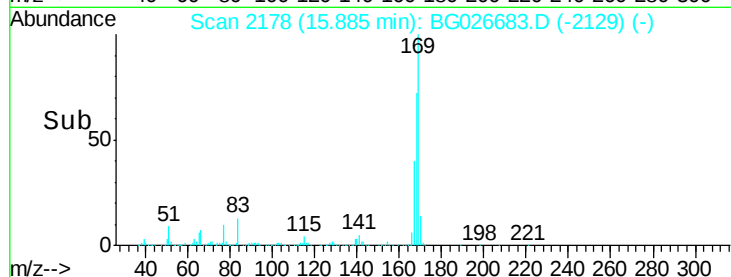
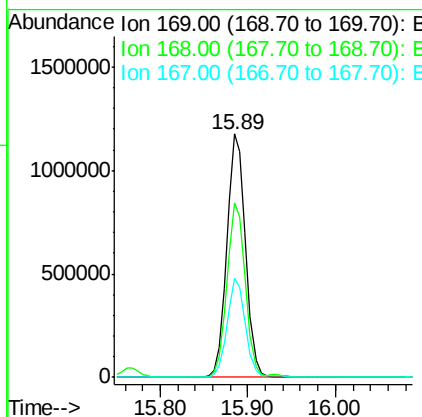
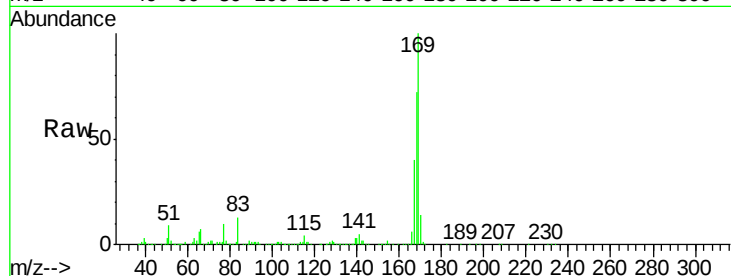




#65
n-Nitrosodiphenylamine
Concen: 46.03 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

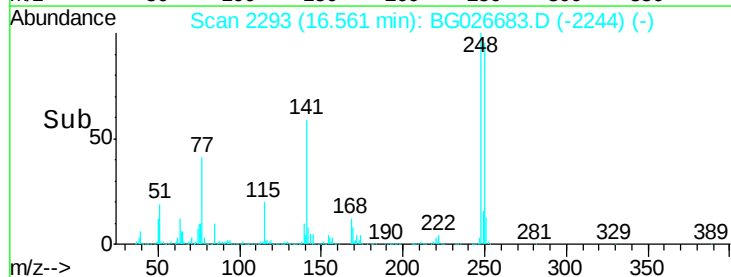
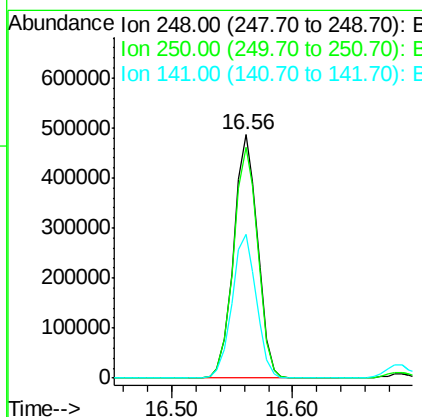
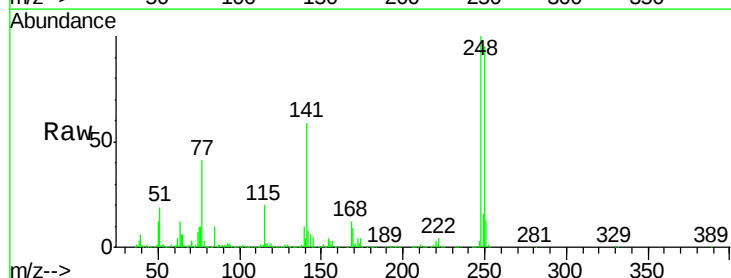
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

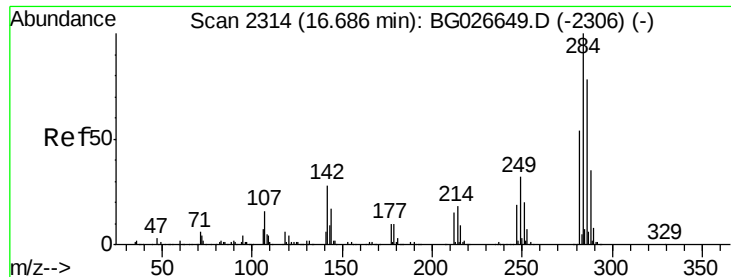
Tot Ion:169 Resp: 1715626
Ion Ratio Lower Upper
169 100
168 71.6 55.7 83.5
167 40.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 47.58 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:248 Resp: 671658
Ion Ratio Lower Upper
248 100
250 94.8 75.0 112.6
141 58.9 55.2 82.8

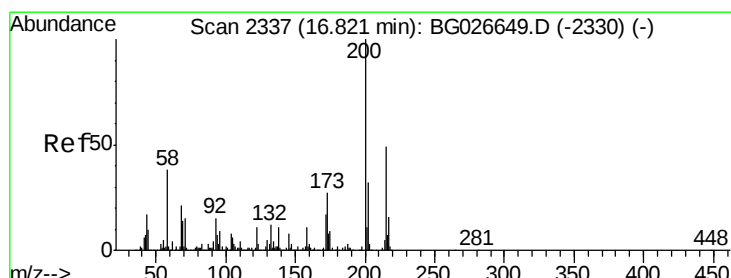
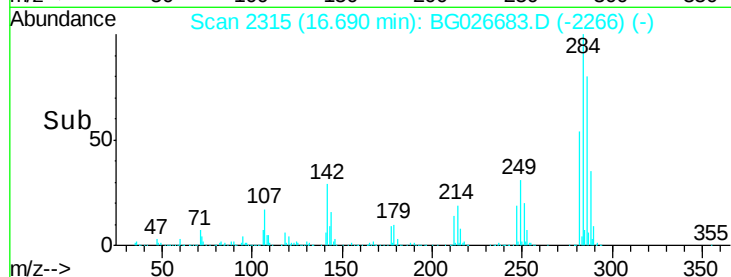
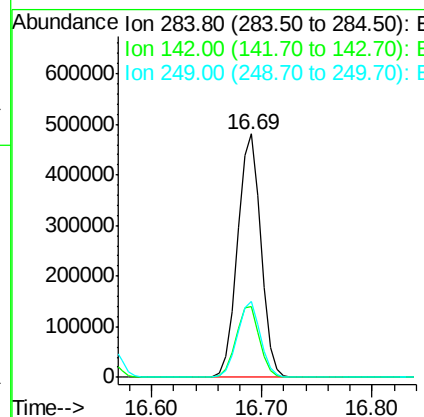
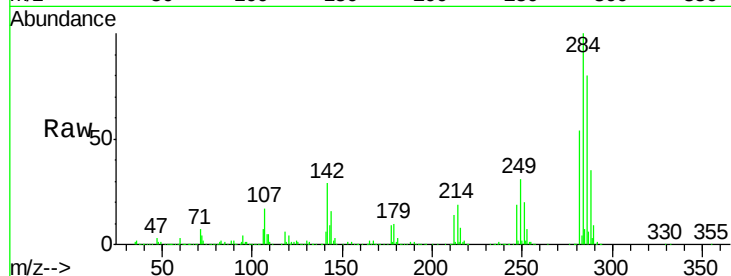




#67
Hexachlorobenzene
Concen: 45.81 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

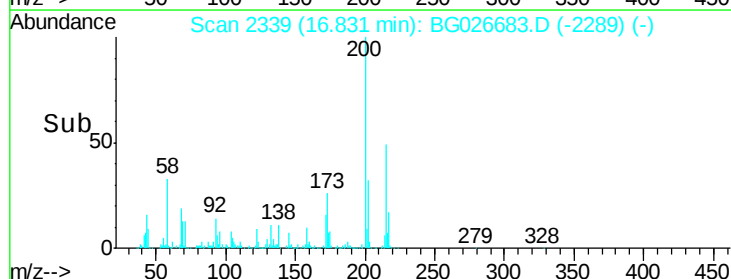
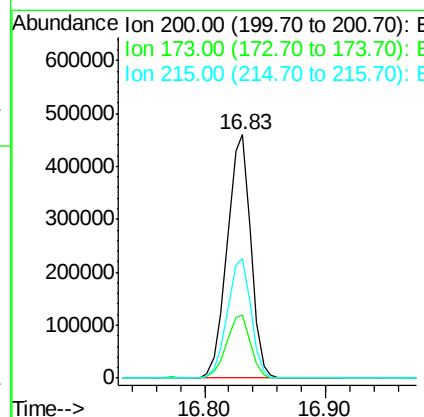
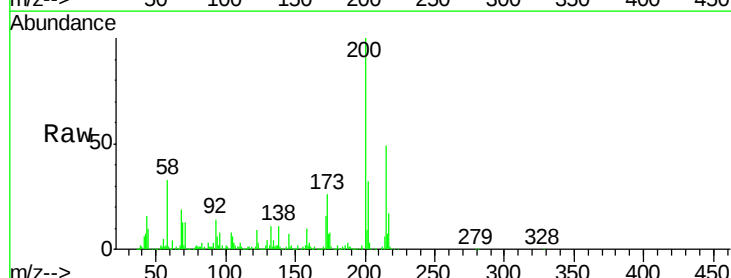
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

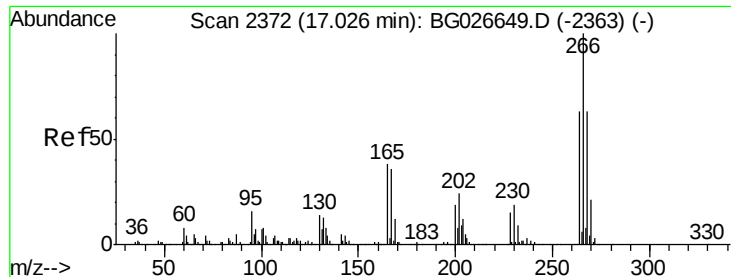
Tot Ion:284 Resp: 711001
Ion Ratio Lower Upper
284 100
142 28.9 29.9 44.9#
249 31.0 29.2 43.8



#68
Atrazine
Concen: 42.41 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:200 Resp: 618061
Ion Ratio Lower Upper
200 100
173 26.0 3.0 43.0
215 49.1 28.4 68.4

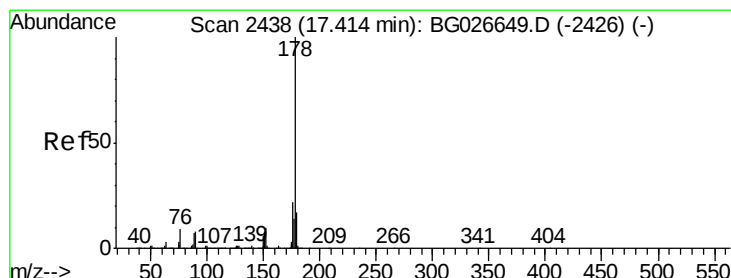
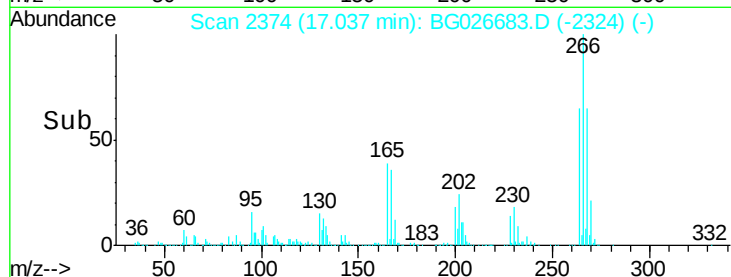
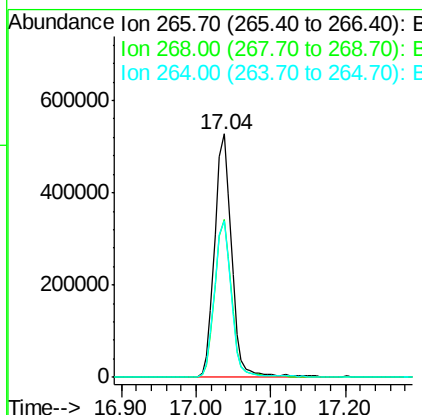
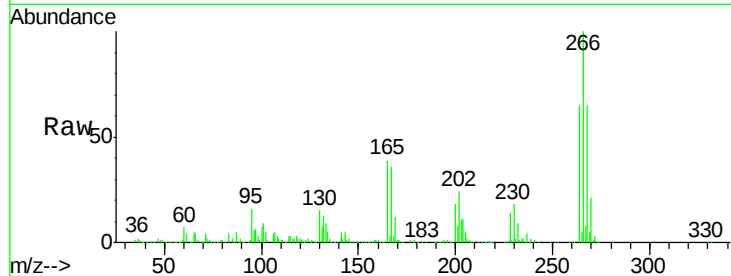




#69
 Pentachlorophenol
 Concen: 89.68 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

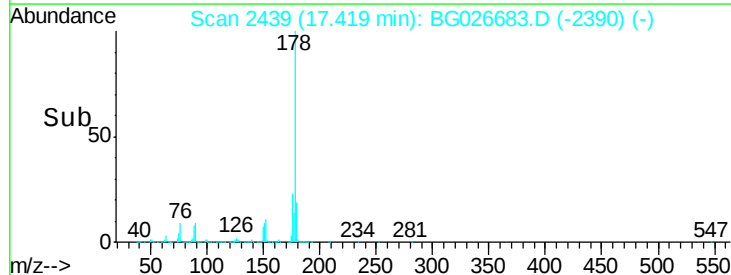
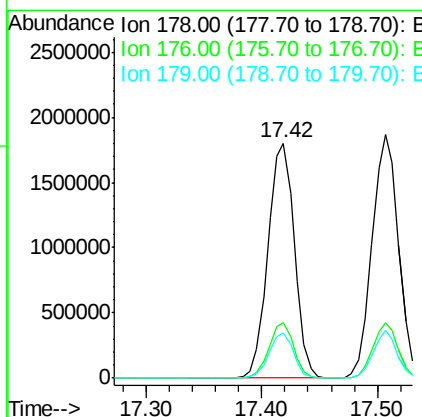
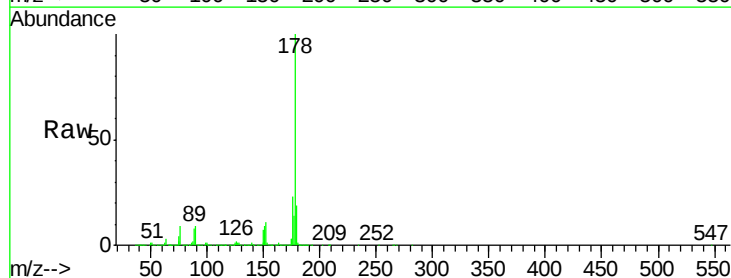
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

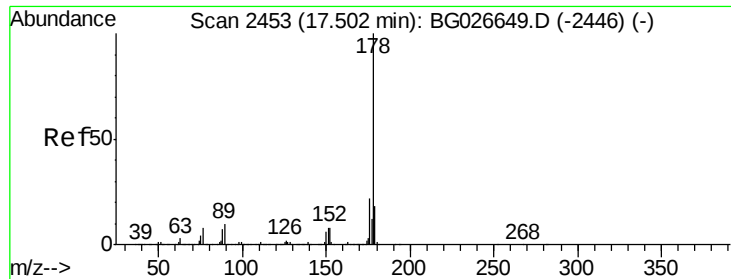
Tot Ion:266 Resp: 840944
 Ion Ratio Lower Upper
 266 100
 268 65.0 48.6 72.8
 264 64.6 50.1 75.1



#70
 Phenanthrene
 Concen: 43.19 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:178 Resp: 2873333
 Ion Ratio Lower Upper
 178 100
 176 23.4 17.7 26.5
 179 19.2 15.0 22.6

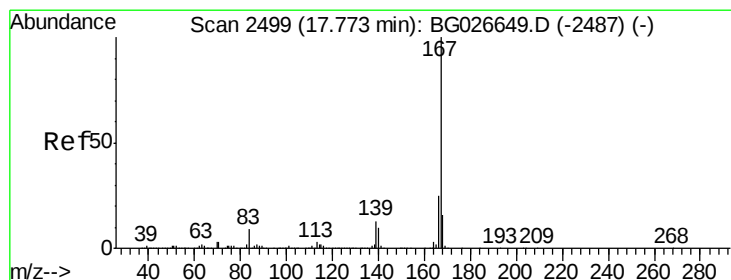
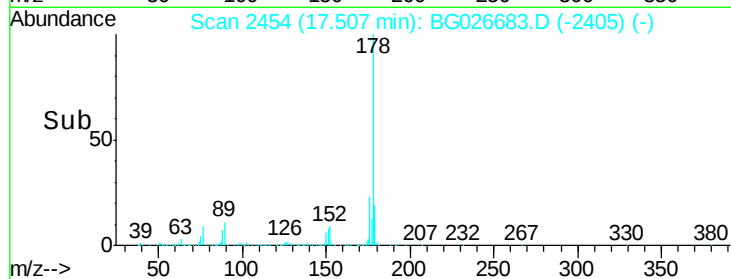
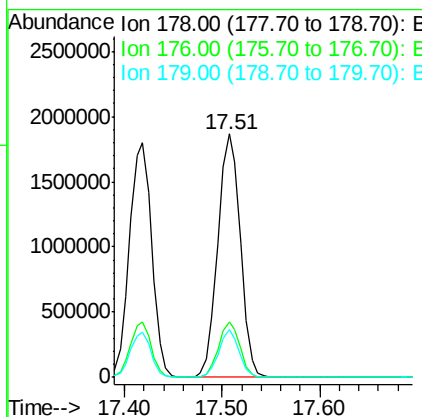
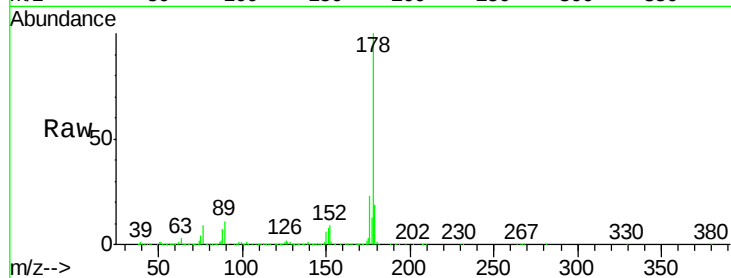




#71
 Anthracene
 Concen: 43.22 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

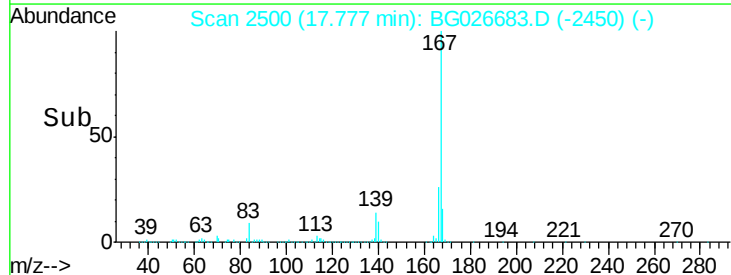
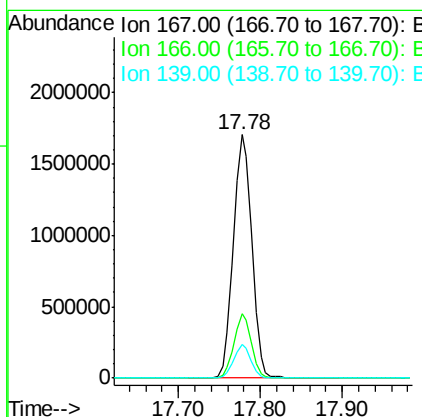
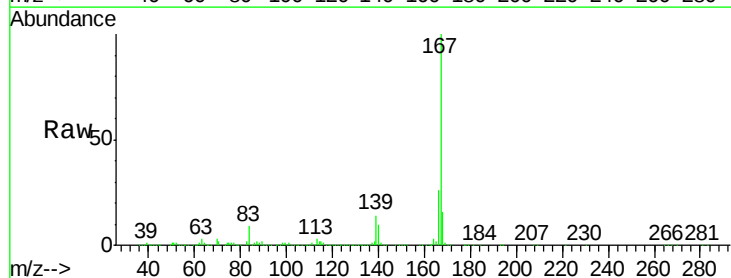
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

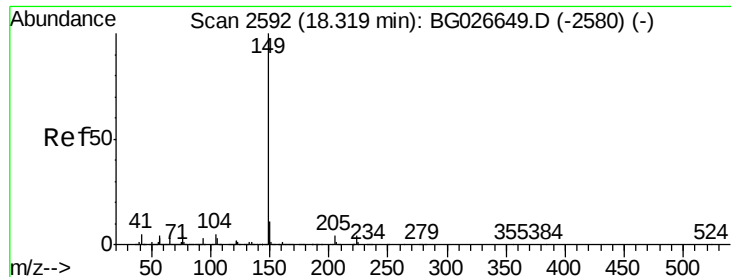
Tot Ion:178 Resp: 2971358
 Ion Ratio Lower Upper
 178 100
 176 23.0 16.4 24.6
 179 19.4 13.8 20.8



#72
 Carbazole
 Concen: 40.92 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:167 Resp: 2693449
 Ion Ratio Lower Upper
 167 100
 166 26.4 20.2 30.2
 139 13.6 12.8 19.2





#73

Di-n-butylphthalate

Concen: 40.90 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

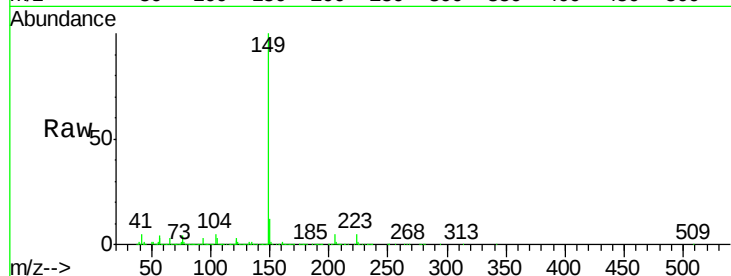
Tot Ion:149 Resp: 3019336

Ion Ratio Lower Upper

149 100

150 12.0 9.1 13.7

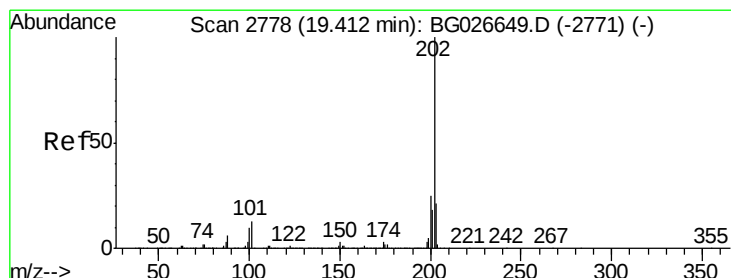
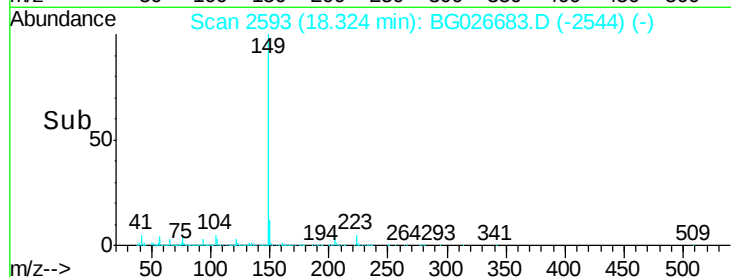
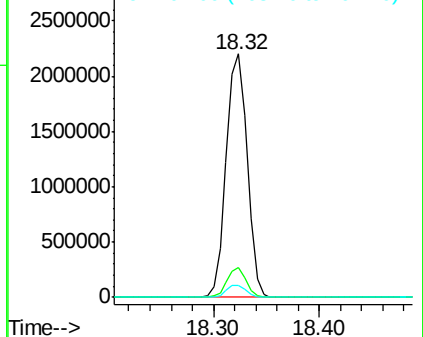
104 5.1 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.76 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

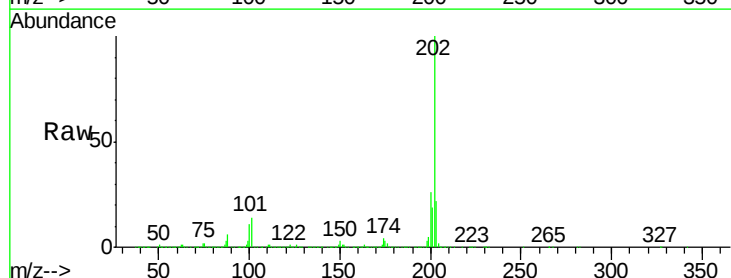
Tgt Ion:202 Resp: 3144045

Ion Ratio Lower Upper

202 100

101 13.8 0.0 30.1

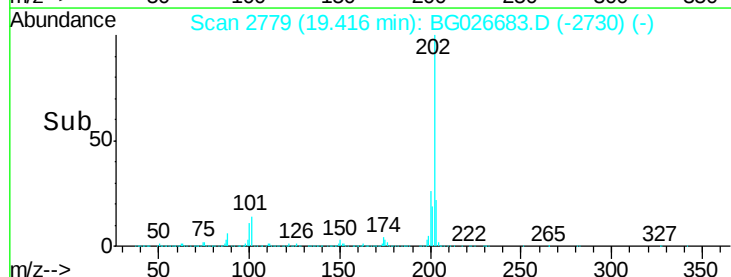
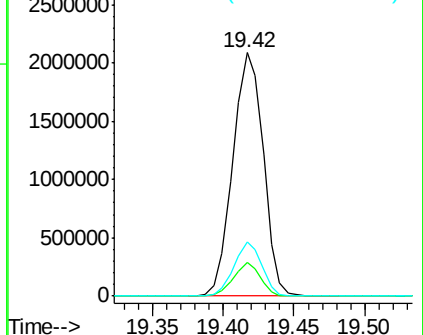
203 22.2 1.3 41.3

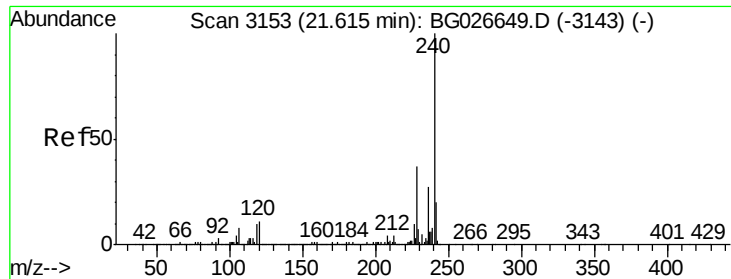


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

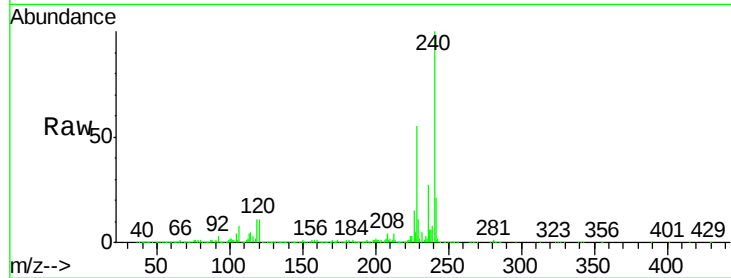
Tot Ion:240 Resp: 1325396

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

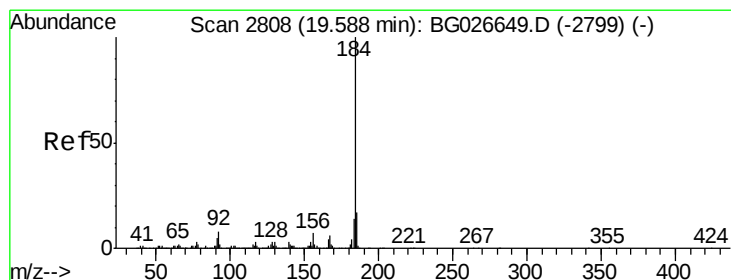
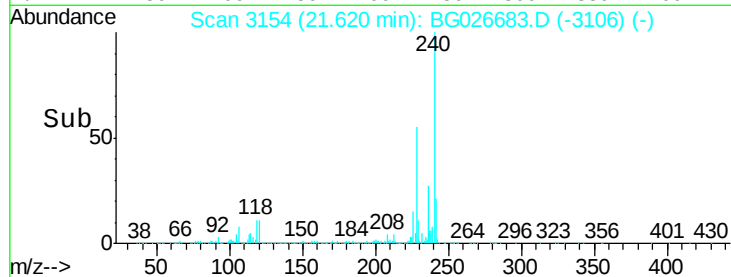
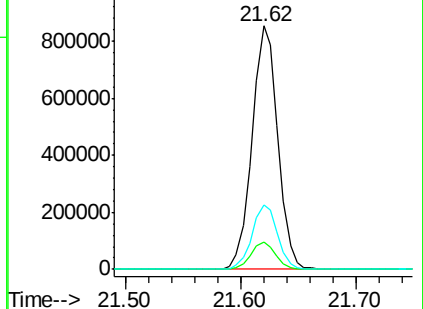
236 26.7 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.95 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

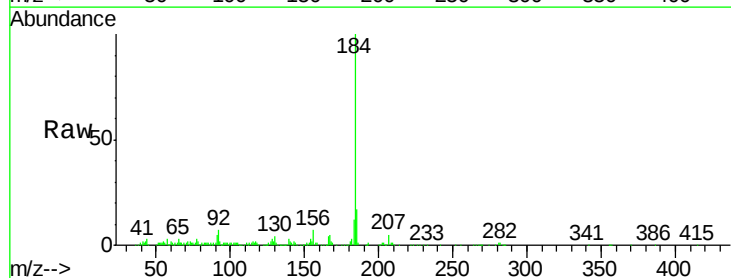
Tgt Ion:184 Resp: 204074

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

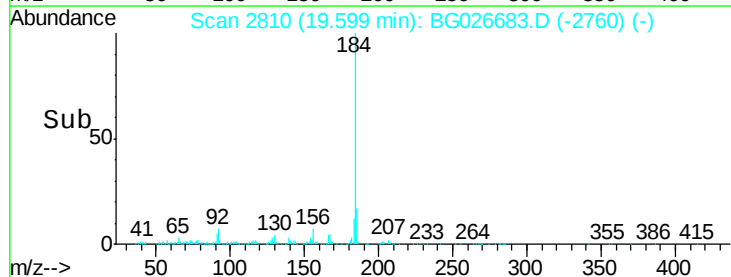
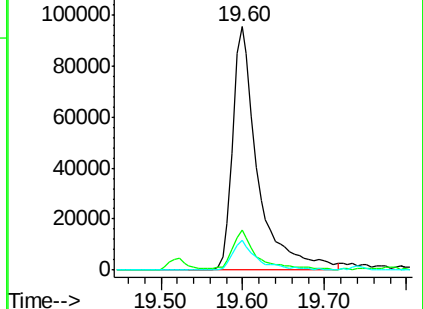
183 12.2 11.0 16.6

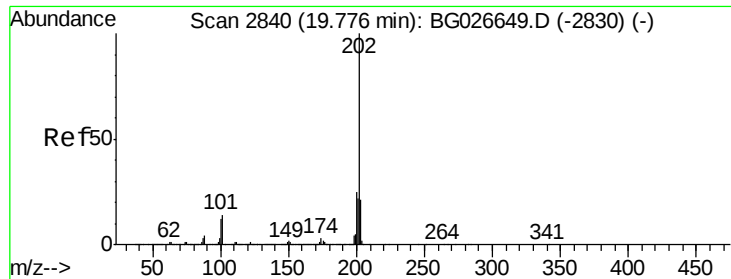


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.47 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

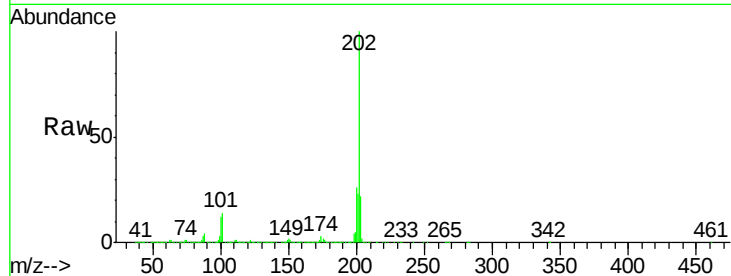
Tot Ion:202 Resp: 3172830

Ion Ratio Lower Upper

202 100

200 26.4 19.6 29.4

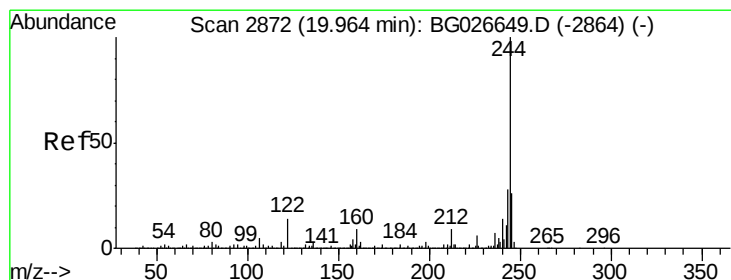
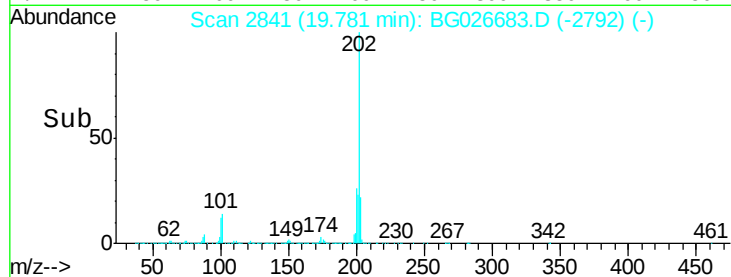
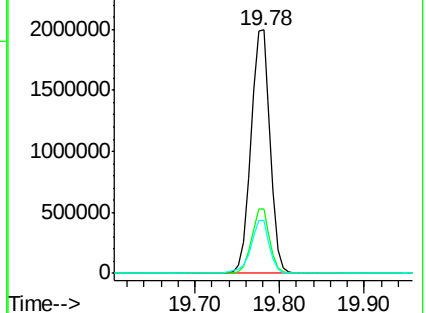
203 21.8 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.12 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

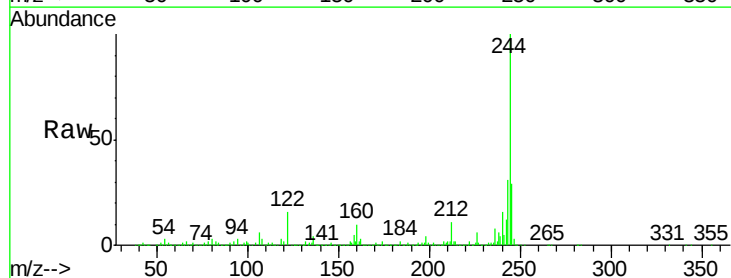
Tgt Ion:244 Resp: 4090767

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

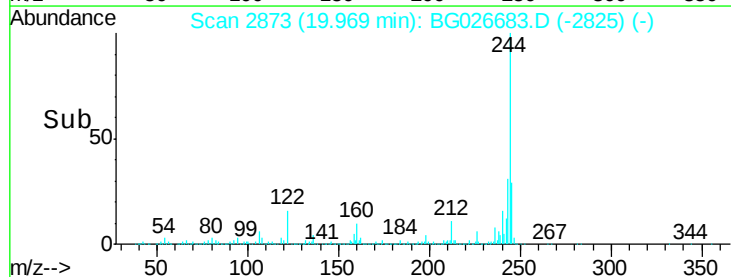
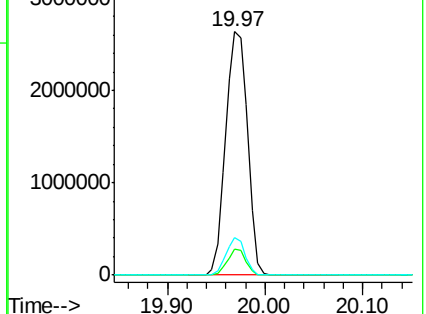
122 15.6 8.6 12.8#

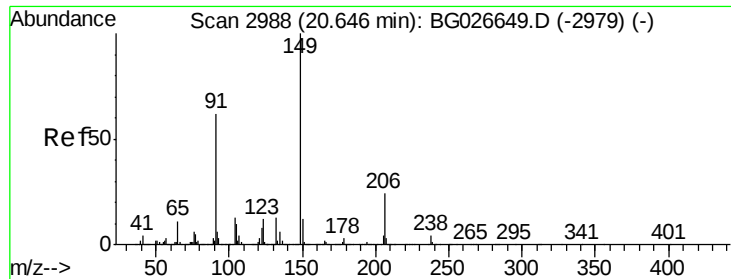


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

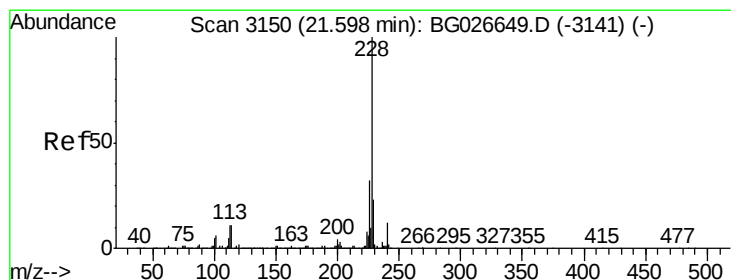
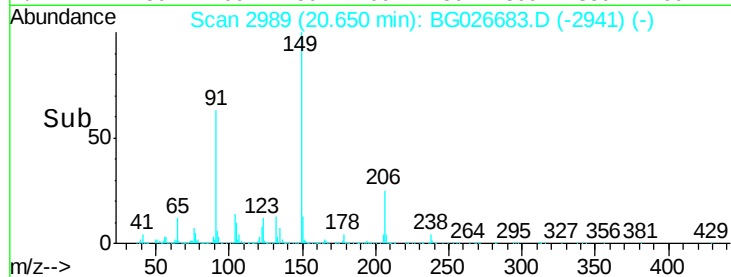
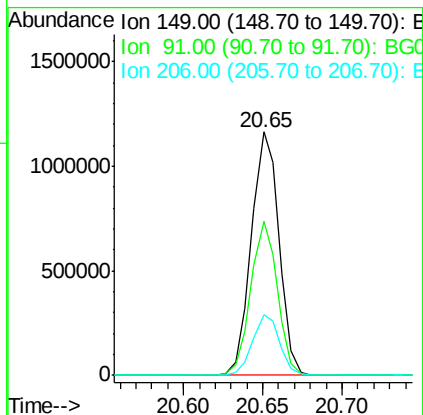
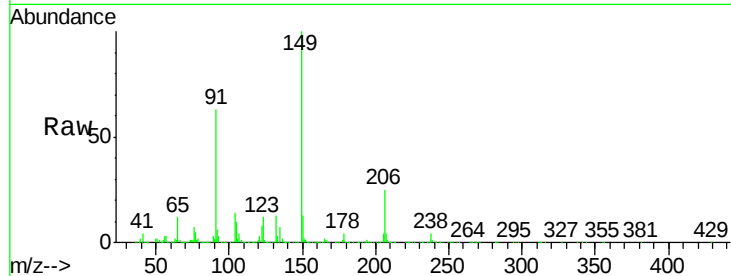




#79
Butylbenzylphthalate
Concen: 45.90 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

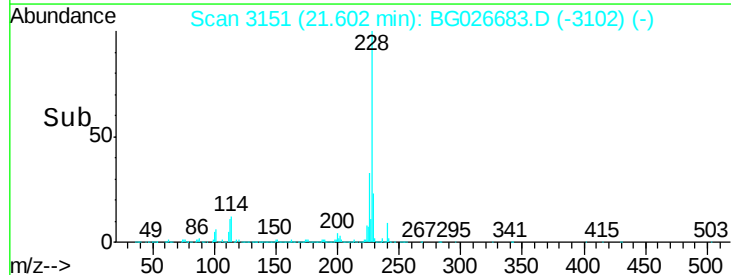
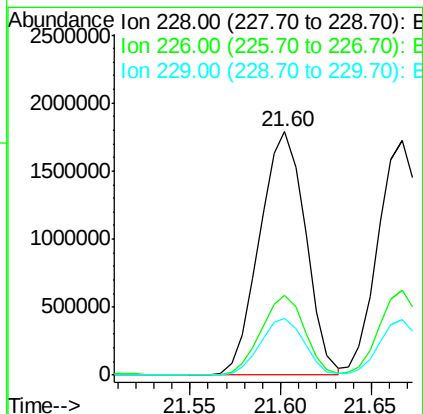
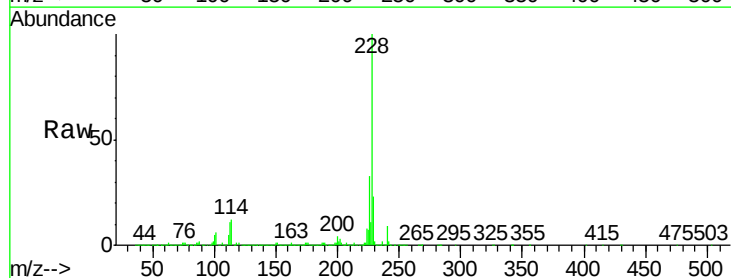
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMSD

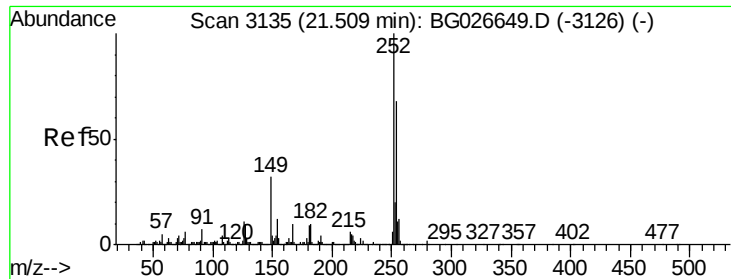
Tot Ion:149 Resp: 1409227
Ion Ratio Lower Upper
149 100
91 63.4 63.5 95.3#
206 24.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.16 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:228 Resp: 3161283
Ion Ratio Lower Upper
228 100
226 32.7 24.9 37.3
229 23.5 18.2 27.2

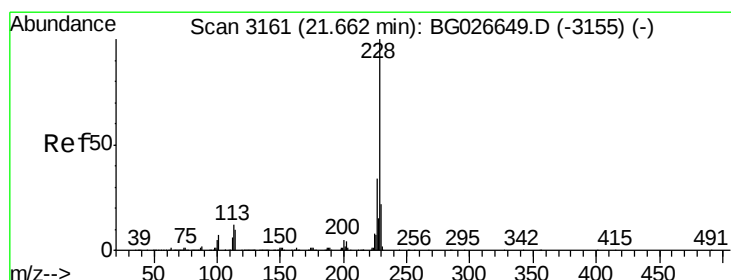
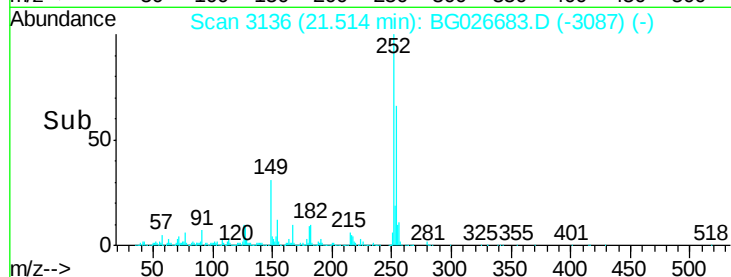
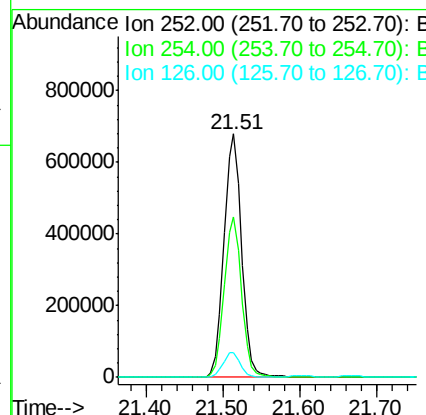
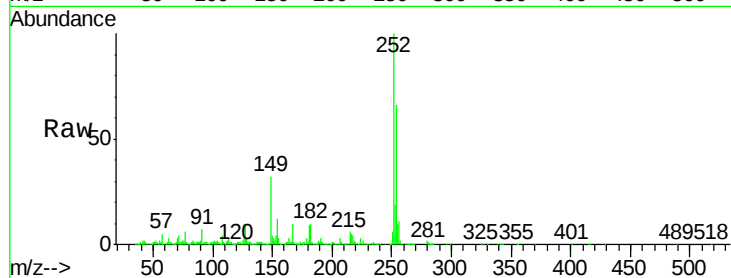




#81
 3,3'-Dichlorobenzidine
 Concen: 36.26 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

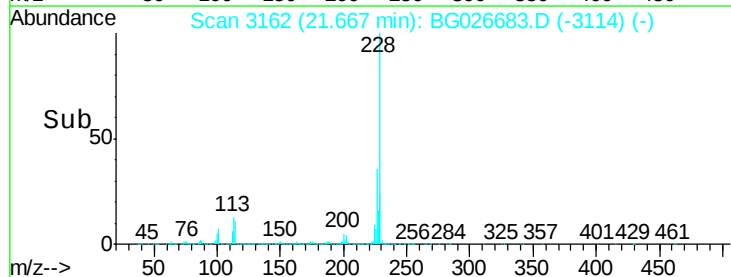
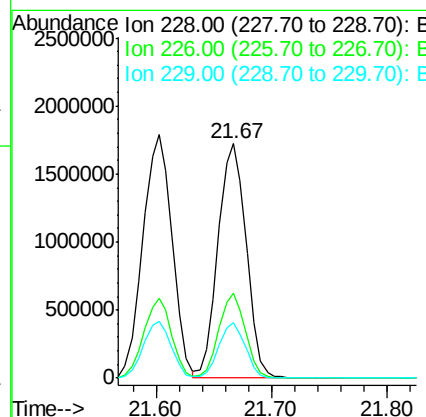
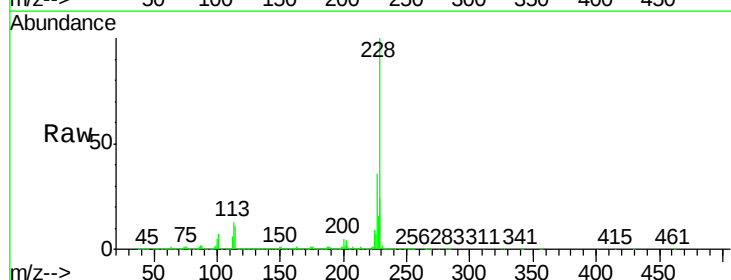
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

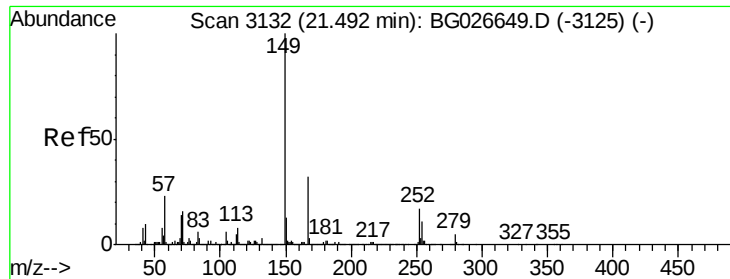
Tot Ion:252 Resp: 1076507
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.1 79.7
 126 10.1 7.0 10.4



#82
 Chrysene
 Concen: 44.10 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:228 Resp: 2904610
 Ion Ratio Lower Upper
 228 100
 226 36.1 27.0 40.4
 229 23.6 17.8 26.6

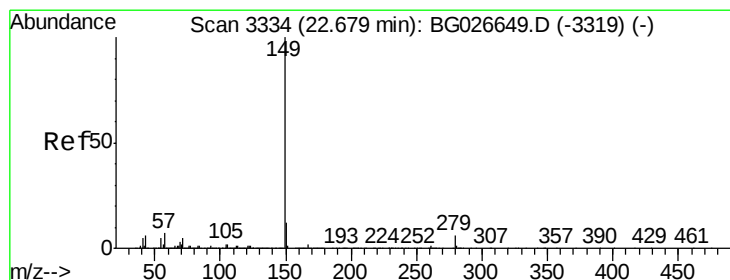
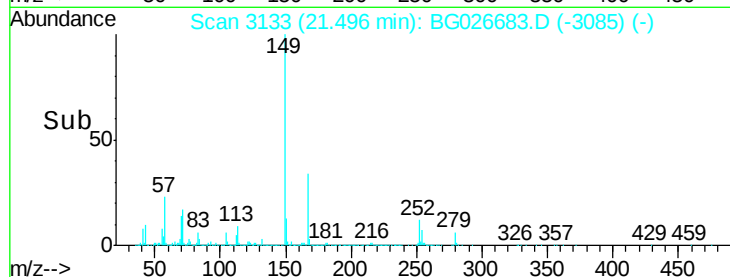
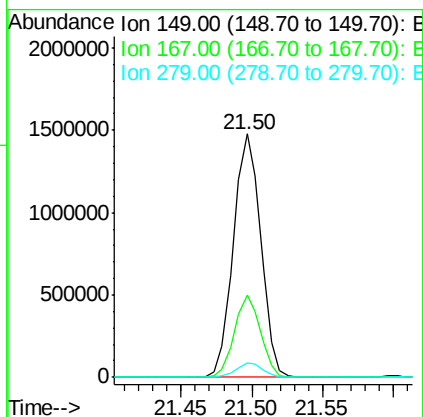
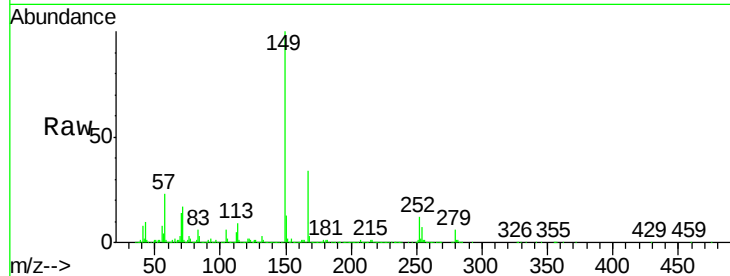




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.14 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

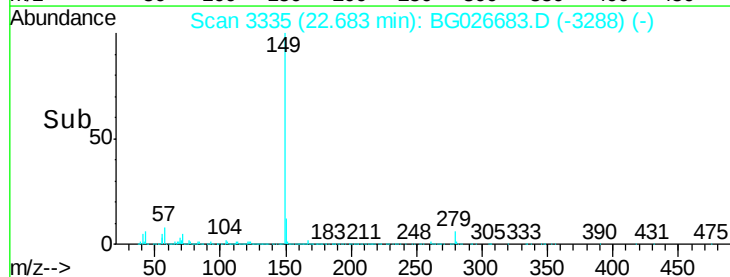
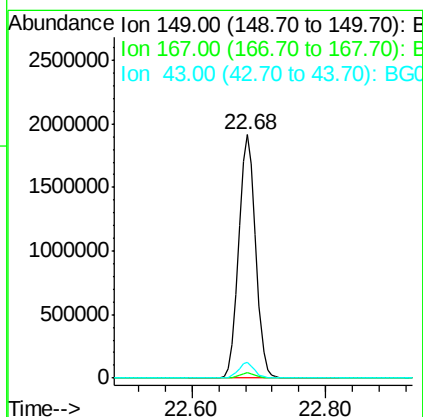
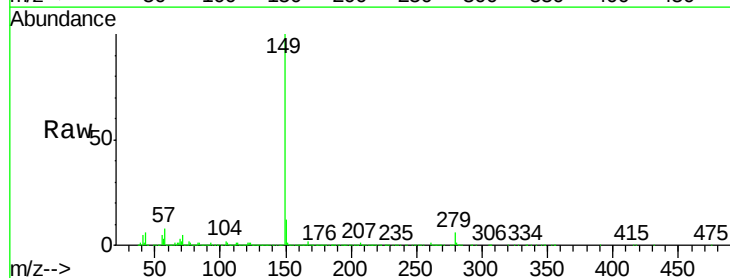
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

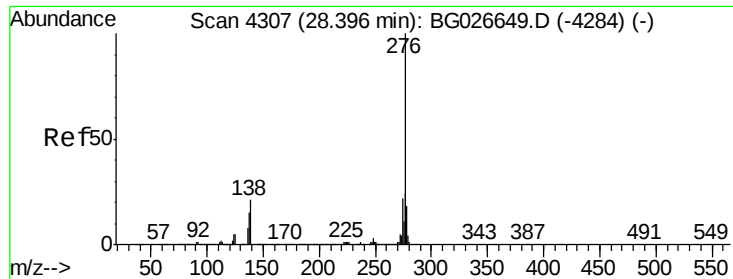
Tot Ion:149 Resp: 1997425
 Ion Ratio Lower Upper
 149 100
 167 33.6 23.7 35.5
 279 6.0 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 45.63 ng
 RT: 22.68 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:149 Resp: 3370895
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 6.0 11.8 17.6#

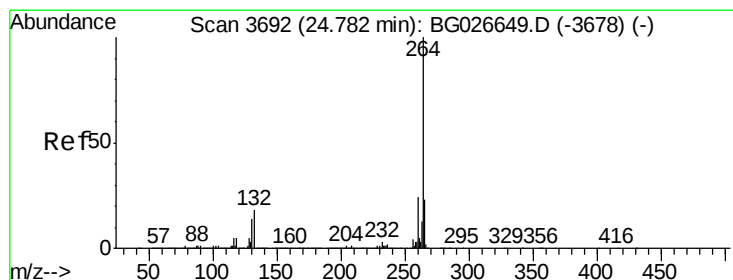
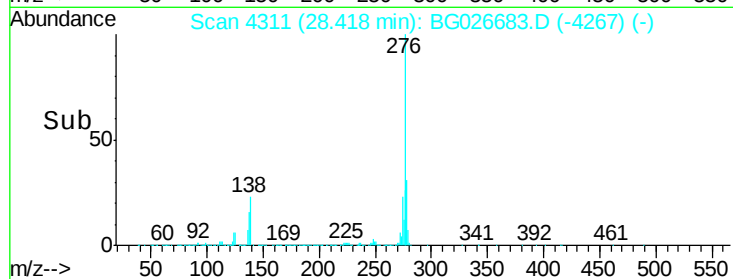
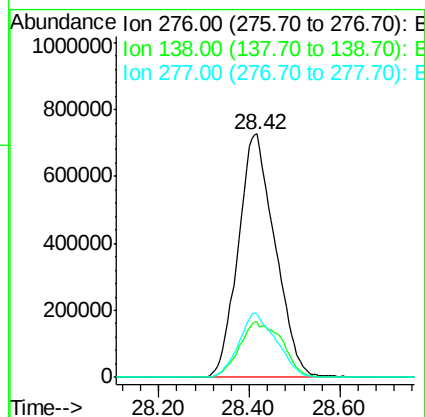
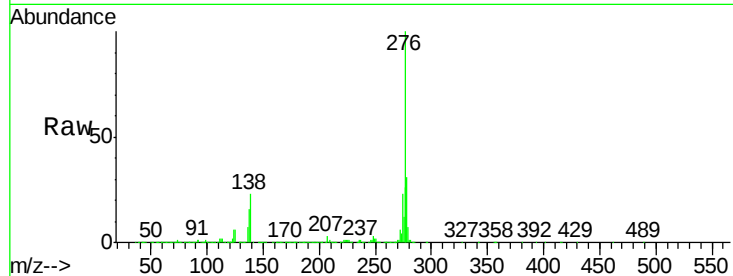




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.48 ng
 RT: 28.42 min Scan# 4311
 Delta R.T. -0.04 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

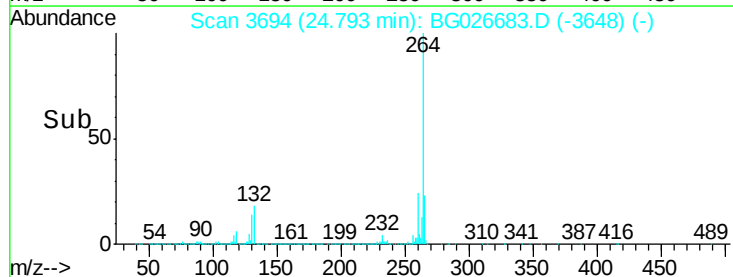
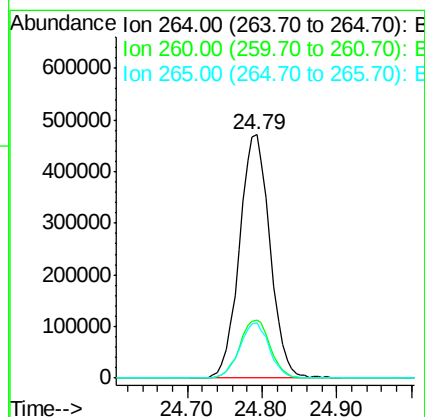
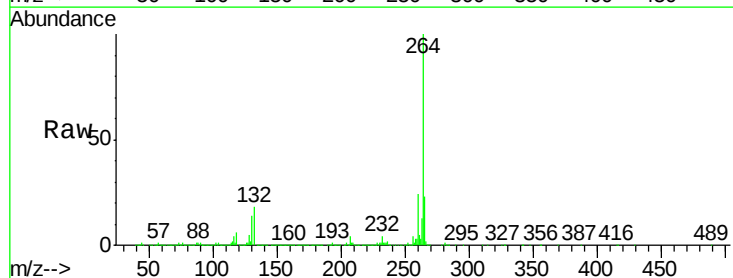
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

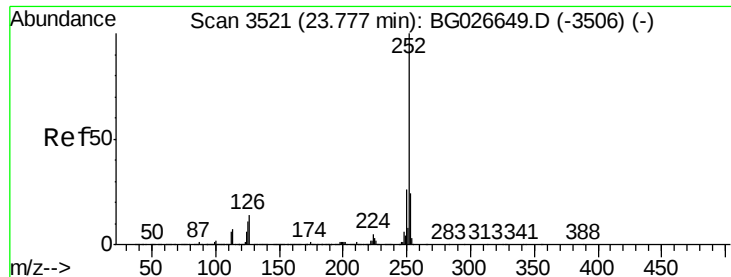
Tot Ion:276 Resp: 4107360
 Ion Ratio Lower Upper
 276 100
 138 26.2 4.7 7.1#
 277 27.0 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. -0.03 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:264 Resp: 1336877
 Ion Ratio Lower Upper
 264 100
 260 24.0 21.8 32.8
 265 22.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.88 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

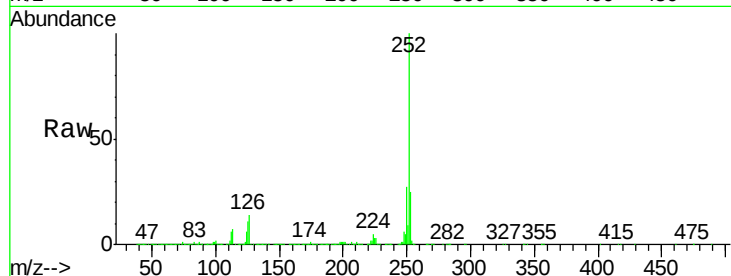
Tot Ion:252 Resp: 3358656

Ion Ratio Lower Upper

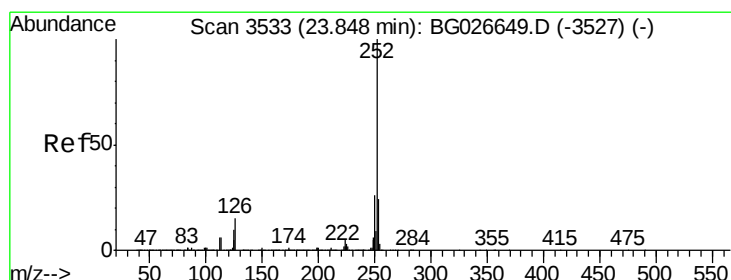
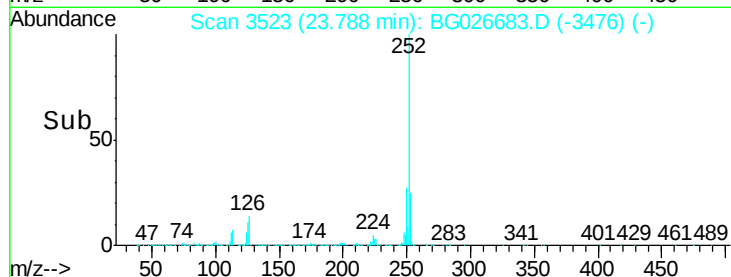
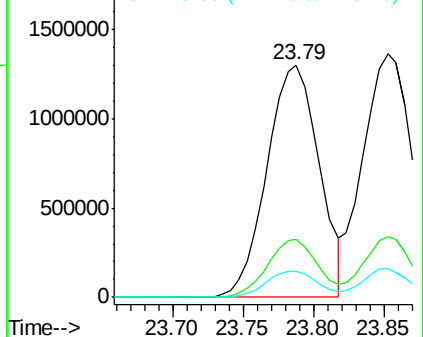
252 100

253 24.7 18.7 28.1

125 11.2 5.3 7.9#



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



#88

Benzo(k)fluoranthene

Concen: 45.27 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

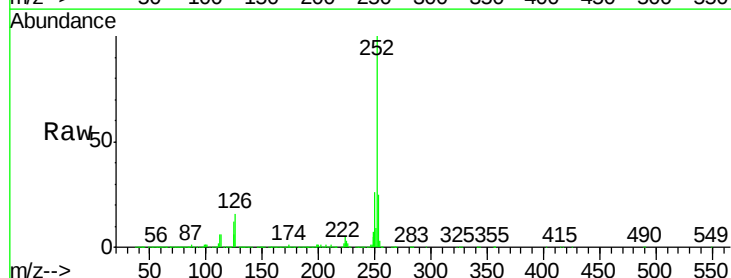
Tgt Ion:252 Resp: 3340017

Ion Ratio Lower Upper

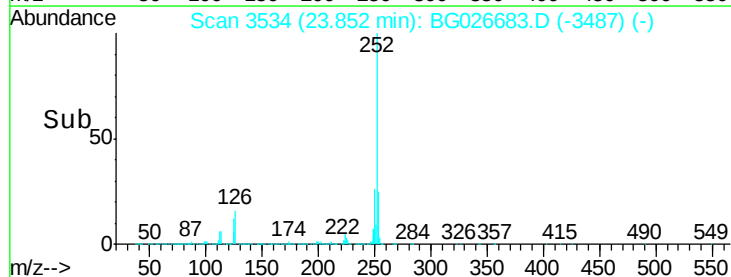
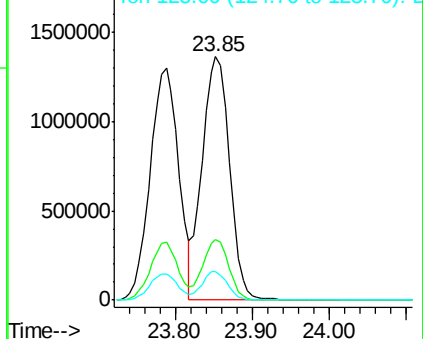
252 100

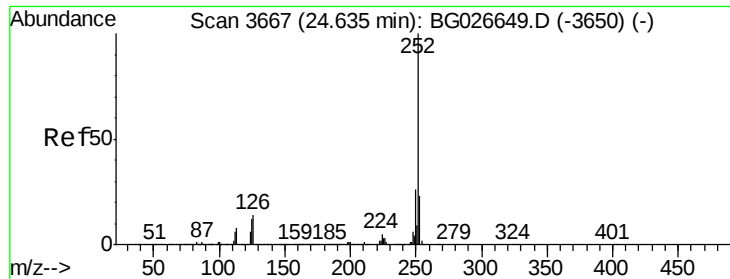
253 25.0 20.2 30.2

125 11.8 5.1 7.7#



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





#89

Benzo(a)pyrene

Concen: 44.82 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMSD

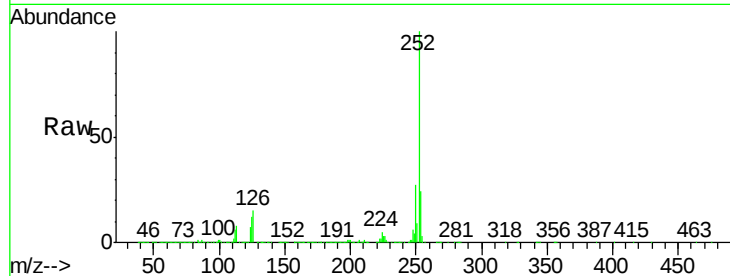
Tot Ion:252 Resp: 3311815

Ion Ratio Lower Upper

252 100

253 24.1 19.2 28.8

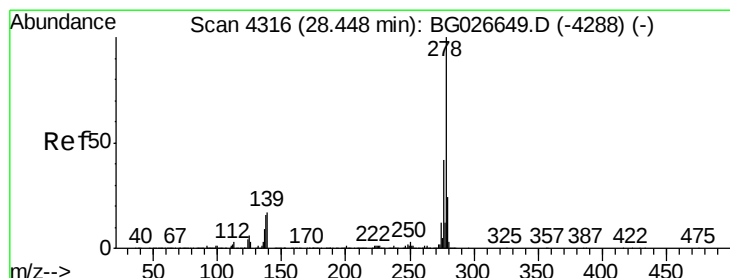
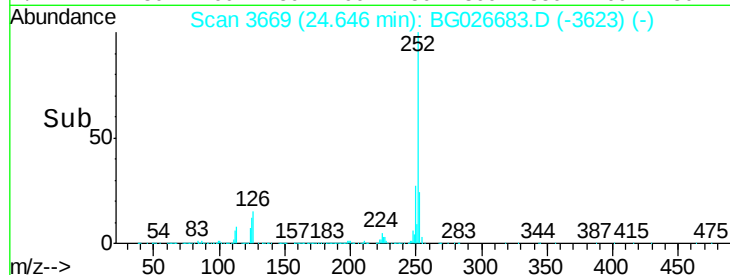
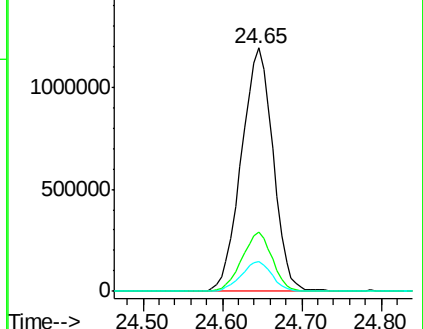
125 12.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.97 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.05 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

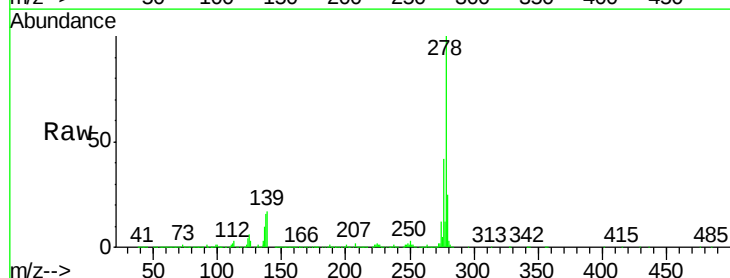
Tgt Ion:278 Resp: 3488880

Ion Ratio Lower Upper

278 100

139 16.6 7.7 11.5#

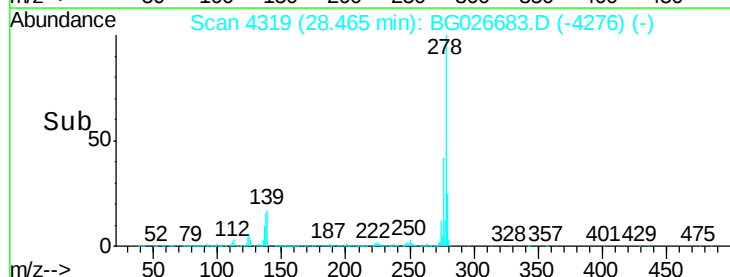
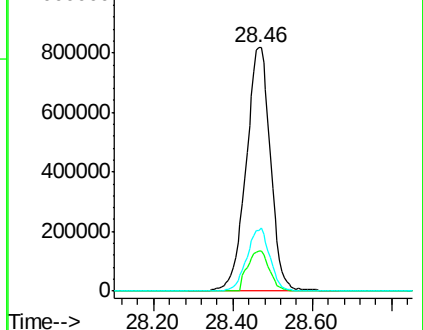
279 24.9 19.1 28.7

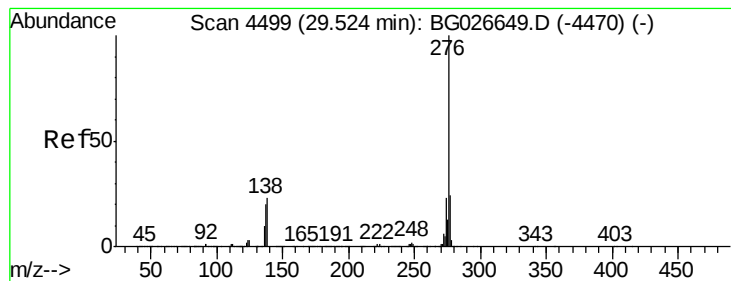


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.07 ng
 RT: 29.55 min Scan# 4503
 Delta R.T. -0.05 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMSD

Tot Ion:276 Resp: 3420961
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 27.8
 138 22.6 8.1 12.1#

