

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026682.D
 Acq On : 20 Apr 2017 19:29
 Operator : SJ/MA
 Sample : I2774-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

Quant Time: Apr 21 04:50:12 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	192304	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	869594	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	541371	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1260733	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	1300222	20.00	ng	-0.01
86) Perylene-d12	24.79	264	1296890	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1512639	142.99	ng	0.00
7) Phenol-d6	7.22	99	2052273	148.05	ng	0.01
23) Nitrobenzene-d5	9.19	82	1101060	88.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	947921	125.66	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3015263	82.95	ng	-0.01
78) Terphenyl-d14	19.97	244	3681350	83.59	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	127761	23.10	ng	# 71
3) Pyridine	3.89	79	26496	2.14	ng	# 54
4) n-Nitrosodimethylamine	3.80	42	135348	37.57	ng	# 1
6) Aniline	7.36	93	171025	9.88	ng	# 86
8) 2-Chlorophenol	7.60	128	576316	45.66	ng	# 80
9) Benzaldehyde	7.16	77	98429	10.48	ng	# 65
10) Phenol	7.25	94	776659	51.50	ng	# 69
11) bis(2-Chloroethyl)ether	7.45	93	509701	42.46	ng	# 79
12) 1,3-Dichlorobenzene	7.92	146	586261	39.41	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	594560	39.34	ng	# 93
14) 1,2-Dichlorobenzene	8.39	146	574500	40.24	ng	# 91
15) Benzyl Alcohol	8.27	79	417941	48.21	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	479874	41.31	ng	# 78
17) 2-Methylphenol	8.49	107	512644	48.51	ng	# 80
18) Hexachloroethane	9.11	117	189625	39.77	ng	# 97
19) n-Nitroso-di-n-propylamine	8.83	70	378821	44.08	ng	# 71
20) 3+4-Methylphenols	8.82	107	707402	48.71	ng	# 86
22) Acetophenone	8.85	105	800124	40.26	ng	# 74
24) Nitrobenzene	9.23	77	551299	41.77	ng	# 71
25) Isophorone	9.75	82	1074227	42.05	ng	# 88
26) 2-Nitrophenol	9.94	139	353024	44.15	ng	# 61
27) 2,4-Dimethylphenol	10.01	122	588187	45.58	ng	# 86
28) bis(2-Chloroethoxy)methane	10.23	93	708461	42.42	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	633072	46.91	ng	# 92
30) 1,2,4-Trichlorobenzene	10.69	180	607207	40.36	ng	# 100
31) Naphthalene	10.88	128	1747263	40.94	ng	# 99
32) Benzoic acid	10.16	122	279432m	34.09	ng	#
33) 4-Chloroaniline	10.99	127	341936	18.68	ng	# 79
34) Hexachlorobutadiene	11.16	225	349471	40.63	ng	# 96
35) Caprolactam	11.76	113	170712m	32.57	ng	#
36) 4-Chloro-3-methylphenol	12.13	107	628733	46.25	ng	# 75
37) 2-Methylnaphthalene	12.47	142	1404796	42.77	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	679408	40.74	ng	# 97
40) Hexachlorocyclopentadiene	12.83	237	748979	88.89	ng	# 95

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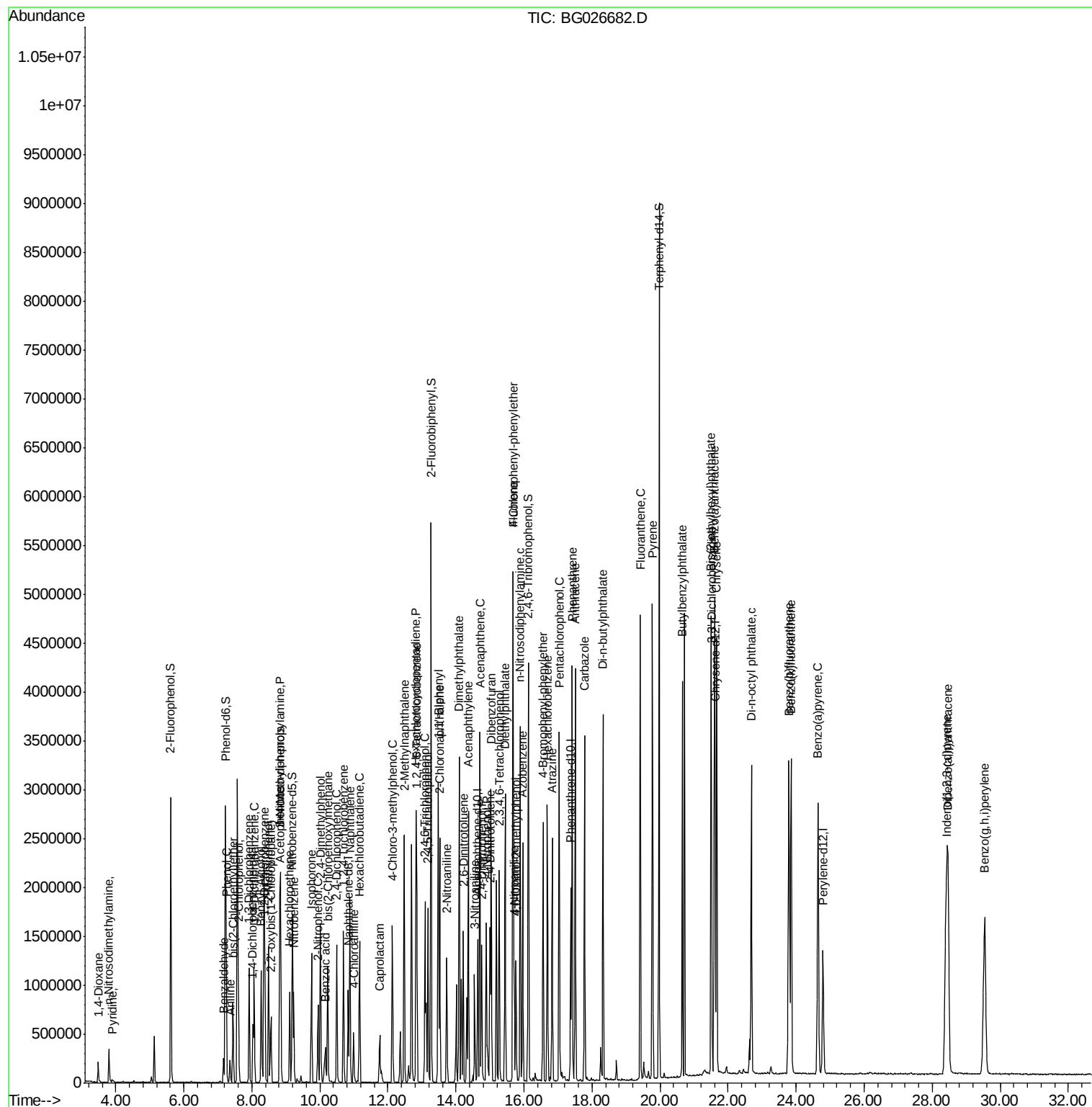
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	517139	43.55	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	563863	44.90	nq #	90
45) 1,1'-Biphenyl	13.48	154	1796281	40.83	nq	99
46) 2-Chloronaphthalene	13.52	162	1373221	41.19	nq	97
47) 2-Nitroaniline	13.73	65	375416	44.09	nq #	51
48) Acenaphthylene	14.37	152	2240796	41.80	nq	99
49) Dimethylphthalate	14.10	163	2484185	57.96	nq	99
50) 2,6-Dinitrotoluene	14.21	165	431347	43.04	nq #	58
51) Acenaphthene	14.70	154	1418172	41.56	nq	99
52) 3-Nitroaniline	14.55	138	388351	35.53	nq #	67
53) 2,4-Dinitrophenol	14.75	184	441812	74.87	nq #	75
54) Dibenzofuran	15.04	168	2170750	40.82	nq	90
55) 4-Nitrophenol	14.89	139	668191	72.41	nq #	38
56) 2,4-Dinitrotoluene	15.00	165	616970	43.35	nq #	67
57) Fluorene	15.68	166	1799995	41.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	513641	40.22	nq #	96
59) Diethylphthalate	15.45	149	1754337	40.26	nq	96
60) 4-Chlorophenyl-phenylether	15.67	204	914844	41.86	nq	90
61) 4-Nitroaniline	15.71	138	459075	39.38	nq #	50
62) Azobenzene	15.96	77	1404851	41.79	nq	79
64) 4,6-Dinitro-2-methylphenol	15.76	198	381929	44.86	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1547551	42.55	nq	97
66) 4-Bromophenyl-phenylether	16.56	248	613314	44.52	nq	94
67) Hexachlorobenzene	16.69	284	660206	43.59	nq	89
68) Atrazine	16.83	200	525165	36.93	nq	97
69) Pentachlorophenol	17.03	266	748141	81.77	nq	96
70) Phenanthrene	17.42	178	2699268	41.58	nq	99
71) Anthracene	17.51	178	2781505	41.47	nq	96
72) Carbazole	17.78	167	2495989	38.86	nq	97
73) Di-n-butylphthalate	18.32	149	2841570	39.45	nq #	96
74) Fluoranthene	19.42	202	2922982	38.84	nq	97
77) Pyrene	19.78	202	2943164	42.05	nq	96
79) Butylbenzylphthalate	20.65	149	1292138	42.90	nq #	84
80) Benzo(a)anthracene	21.60	228	2910560	41.44	nq	97
81) 3,3'-Dichlorobenzidine	21.51	252	689610	23.68	nq #	98
82) Chrysene	21.66	228	2677584	41.44	nq	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1862266	42.90	nq	94
84) Di-n-octyl phthalate	22.68	149	3102522	42.81	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3787702	42.75	nq #	87
87) Benzo(b)fluoranthene	23.78	252	3169755	42.69	nq #	96
88) Benzo(k)fluoranthene	23.85	252	3003879	41.97	nq #	96
89) Benzo(a)pyrene	24.64	252	3058837	42.67	nq #	97
90) Dibenzo(a,h)anthracene	28.47	278	3198985	43.45	nq #	93
91) Benzo(g,h,i)perylene	29.54	276	3160288	42.92	nq #	88

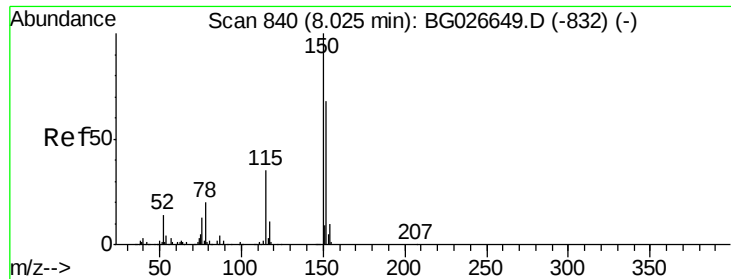
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

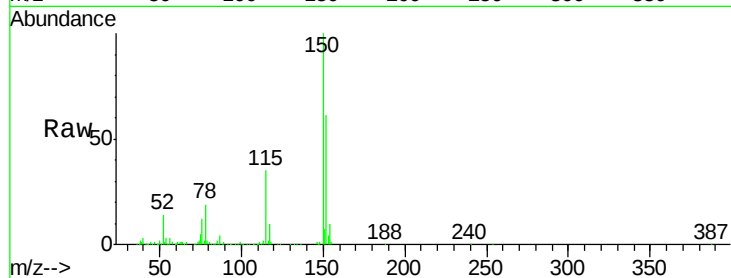
Tot Ion:152 Resp: 192304

Ion Ratio Lower Upper

152 100

150 163.0 114.0 171.0

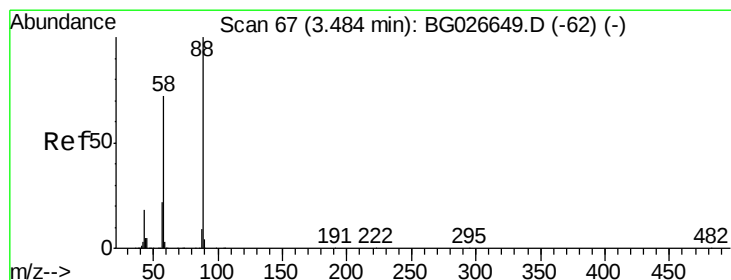
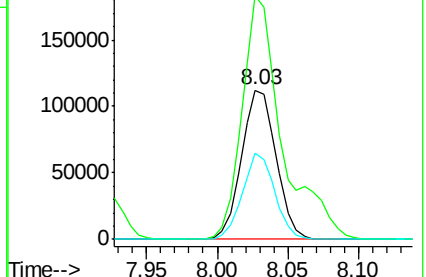
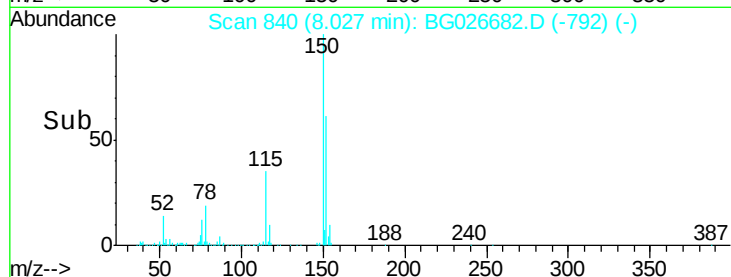
115 57.6 48.1 72.1



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: 23.10 ng

RT: 3.49 min Scan# 67

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

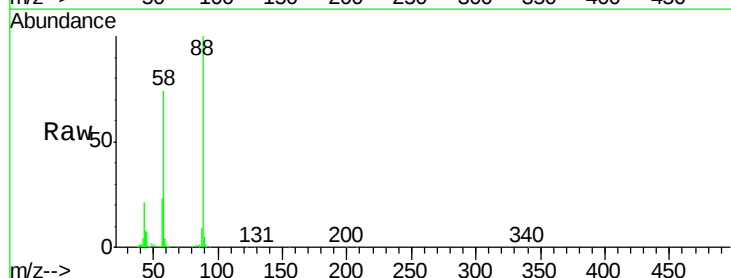
Tgt Ion: 88 Resp: 127761

Ion Ratio Lower Upper

88 100

58 72.7 79.4 119.2#

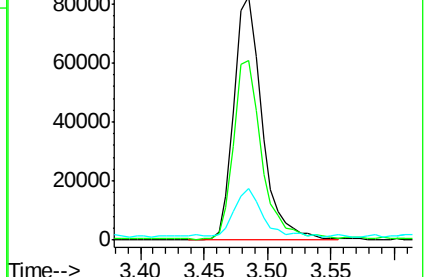
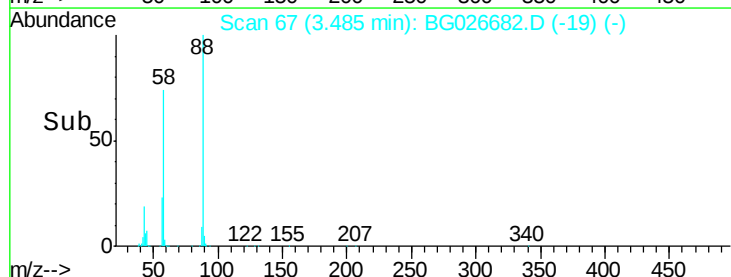
43 19.7 33.8 50.6#

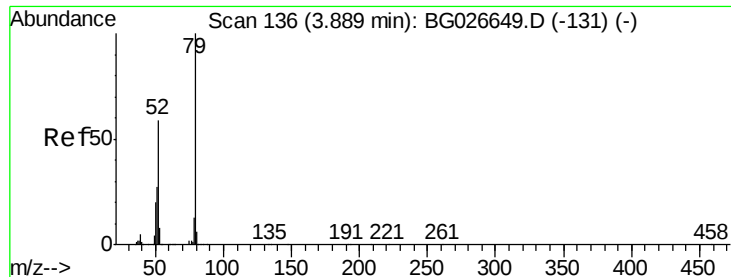


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 2.14 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

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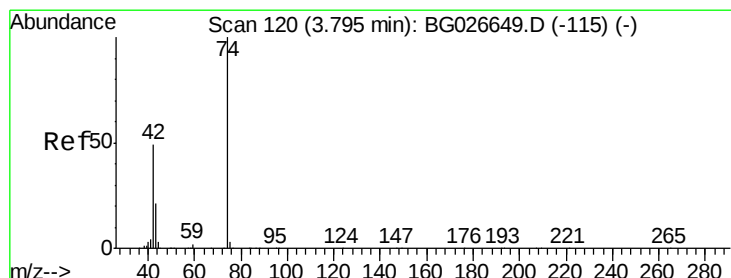
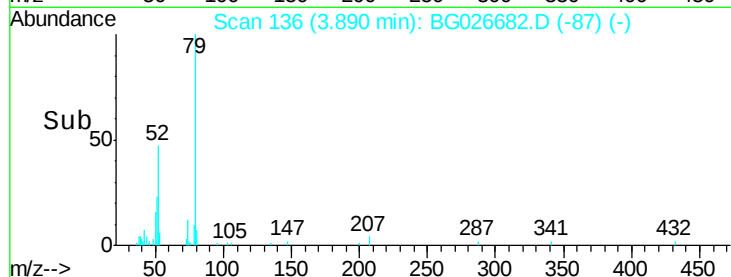
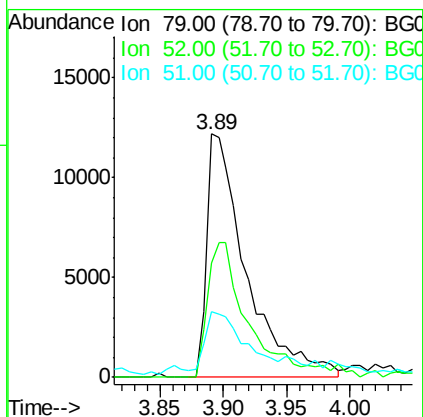
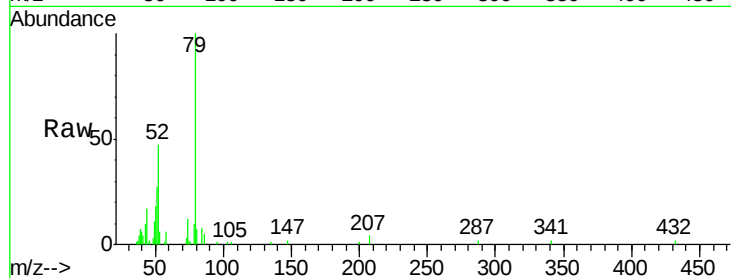
Tot Ion: 79 Resp: 26496

Ion Ratio Lower Upper

79 100

52 47.0 77.8 116.6#

51 26.8 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 37.57 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

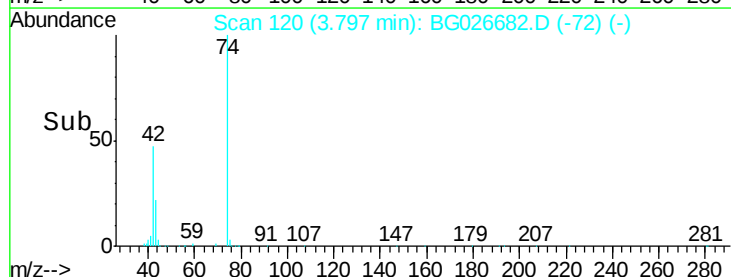
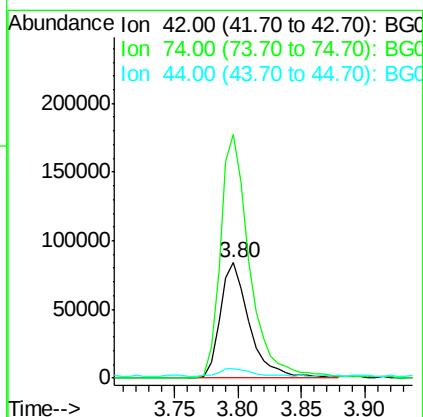
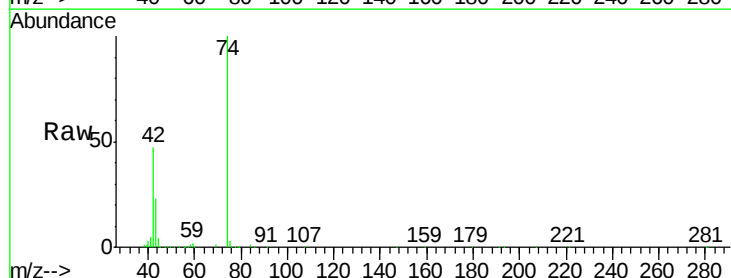
Tgt Ion: 42 Resp: 135348

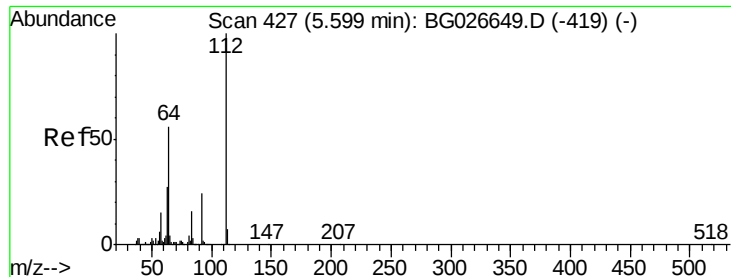
Ion Ratio Lower Upper

42 100

74 210.9 76.7 115.1#

44 8.7 6.1 9.1





#5

2-Fluorophenol

Concen: 142.99 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026682.D

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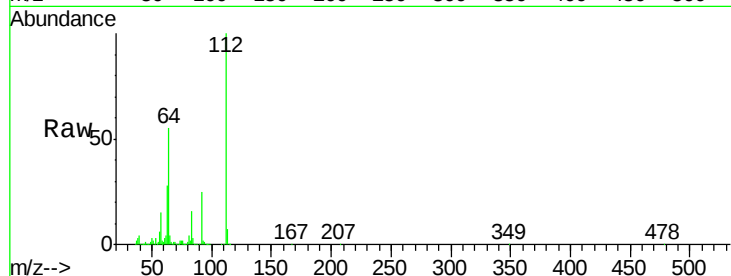
Tot Ion:112 Resp: 1512639

Ion Ratio Lower Upper

112 100

64 55.1 61.8 92.6#

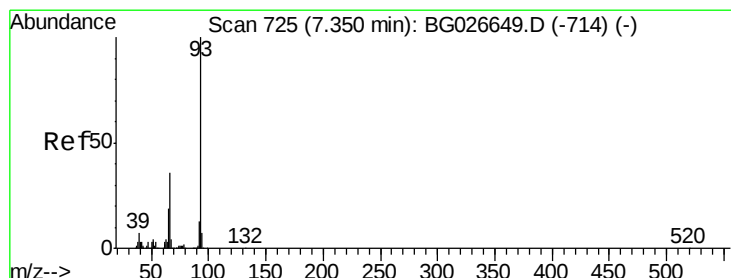
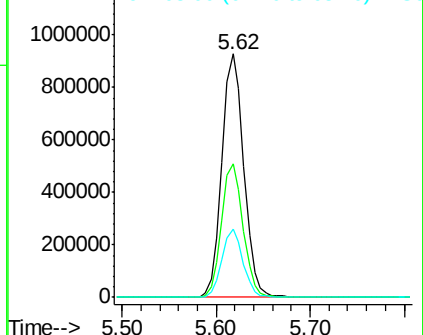
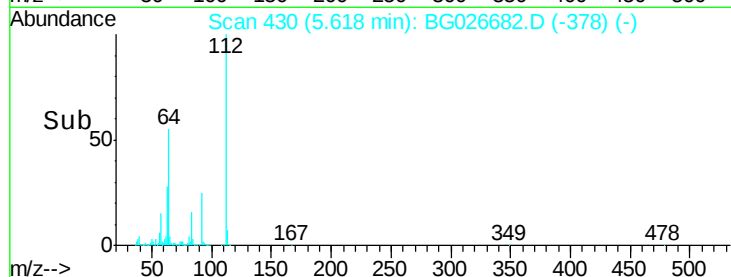
63 27.8 37.2 55.8#



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: 9.88 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

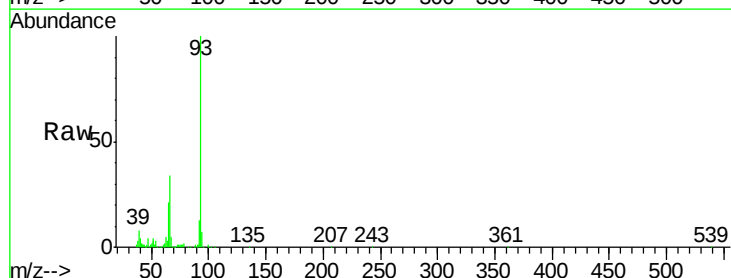
Tgt Ion: 93 Resp: 171025

Ion Ratio Lower Upper

93 100

66 34.2 35.4 53.2#

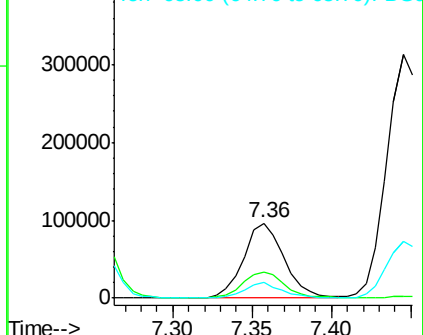
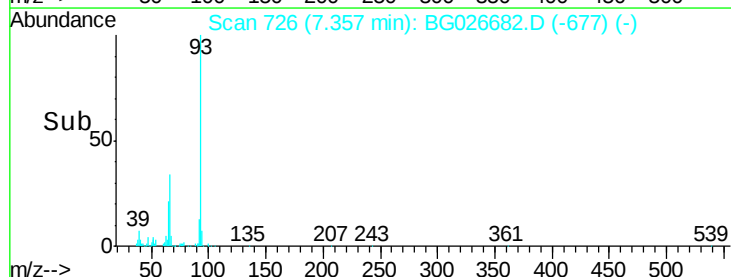
65 20.6 21.2 31.8#

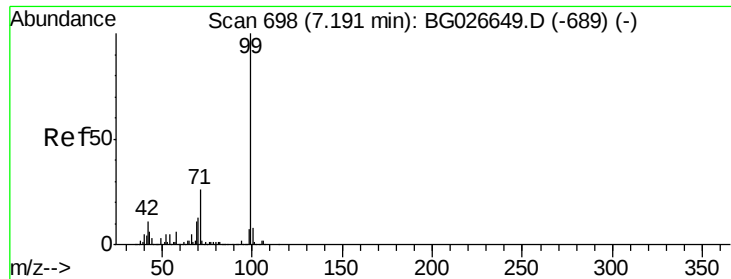


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.05 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

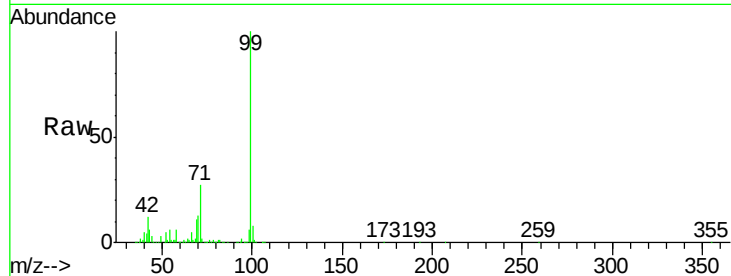
BNA_G

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Tot Ion: 99 Resp: 2052273

Ion	Ratio	Lower	Upper
99	100		
42	11.7	20.5	30.7#
71	27.1	37.6	56.4#

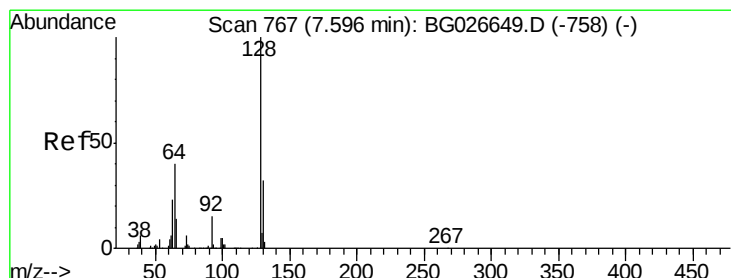
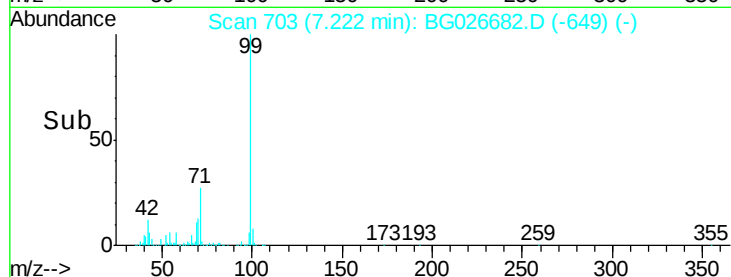
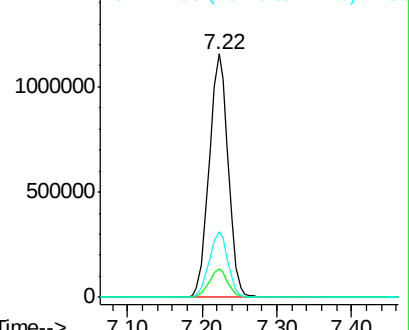


Abundance

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: 45.66 ng

RT: 7.60 min Scan# 768

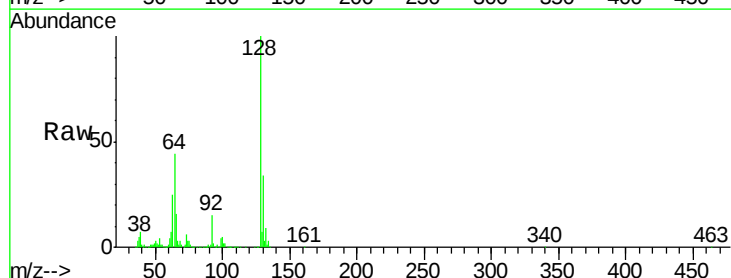
Delta R.T. -0.01 min

Lab File: BG026682.D

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Tgt Ion: 128 Resp: 576316

Ion	Ratio	Lower	Upper
128	100		
130	33.7	11.4	51.4
64	44.2	46.6	86.6#

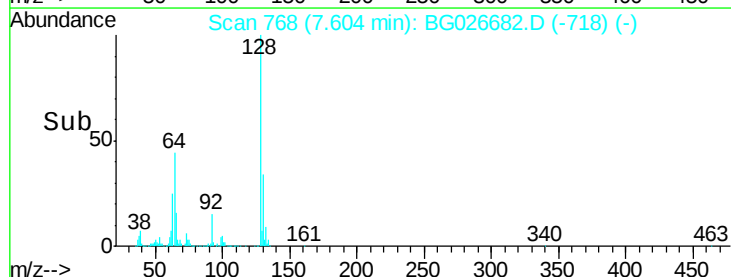
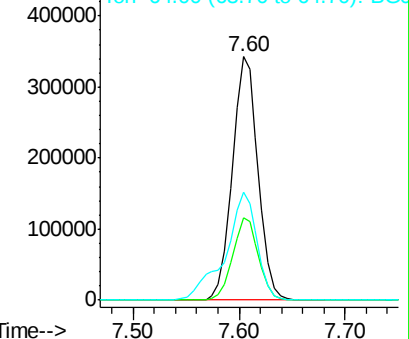


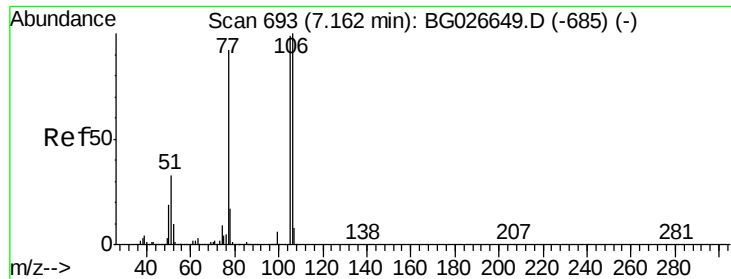
Abundance

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: 10.48 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.02 min

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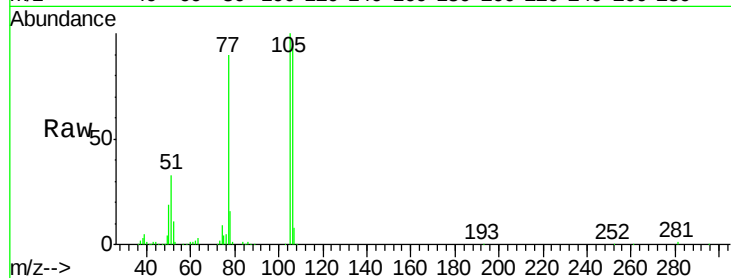
Tot Ion: 77 Resp: 98429

Ion Ratio Lower Upper

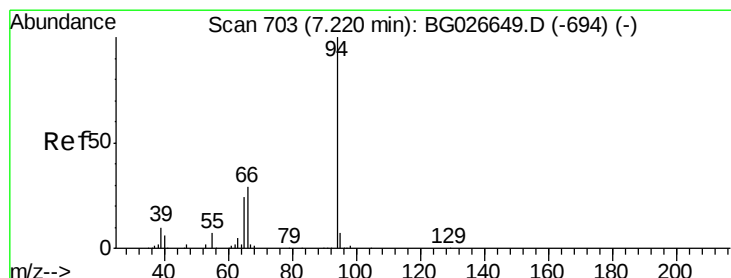
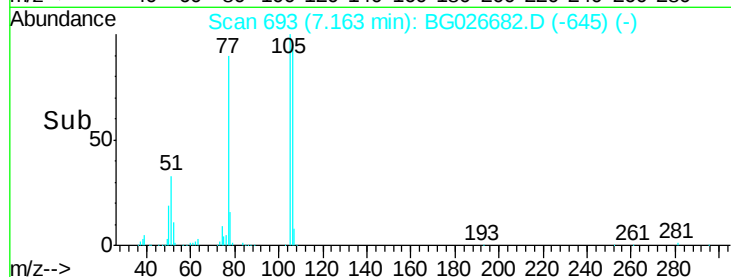
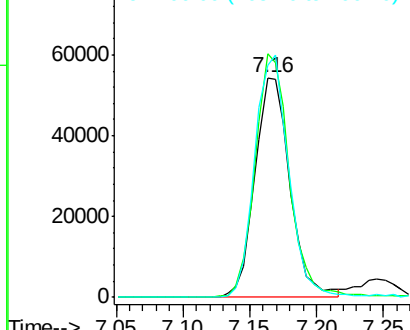
77 100

105 110.9 60.9 100.9#

106 105.9 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: 51.50 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

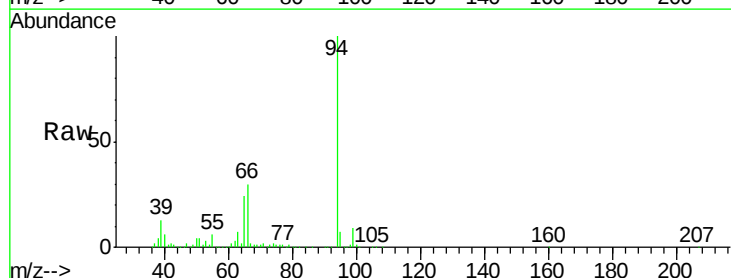
Tgt Ion: 94 Resp: 776659

Ion Ratio Lower Upper

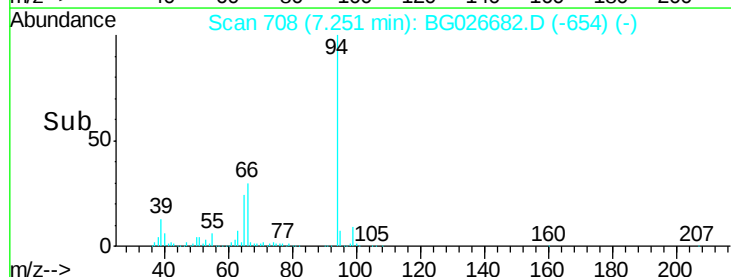
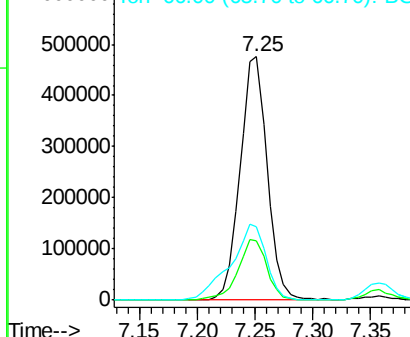
94 100

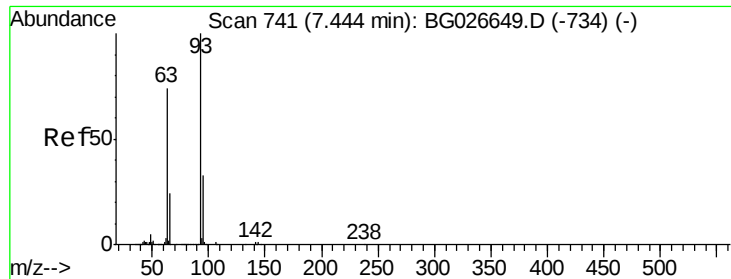
65 24.2 20.6 60.6

66 30.1 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

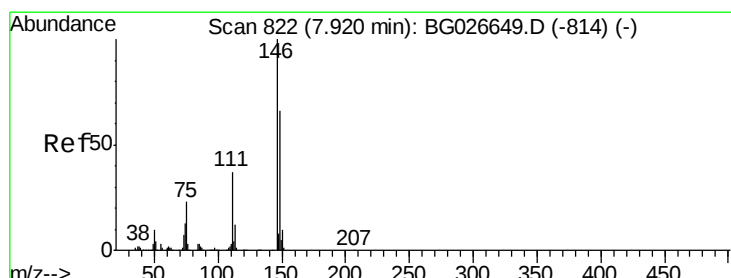
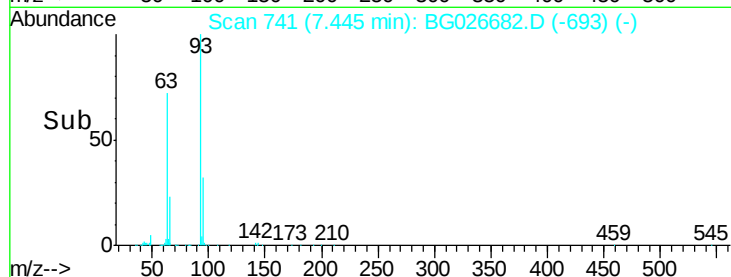
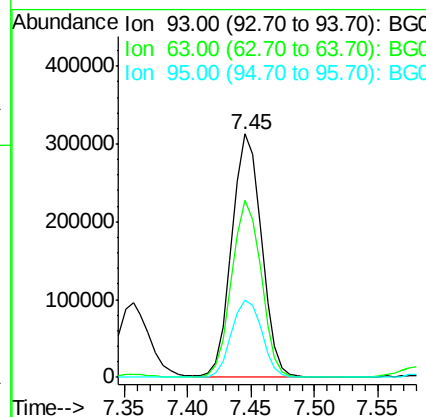
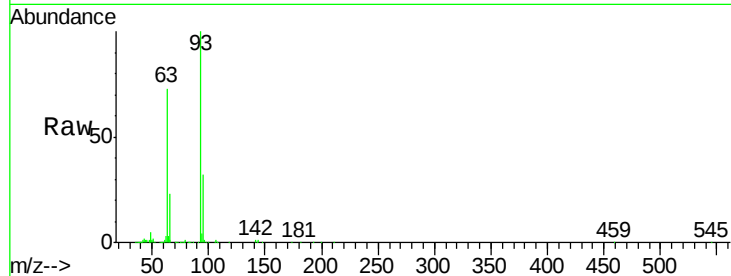




#11
bis(2-Chloroethyl)ether
Concen: 42.46 ng
RT: 7.45 min Scan# 741
Delta R.T. -0.02 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

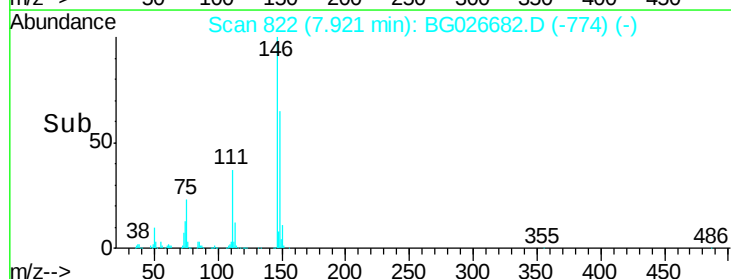
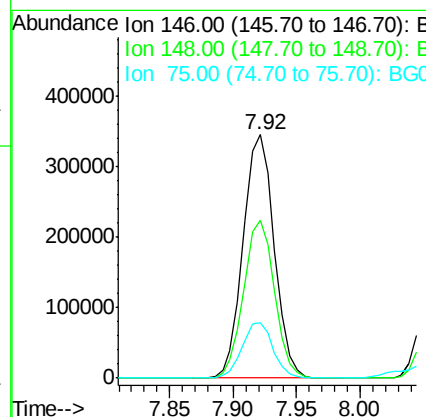
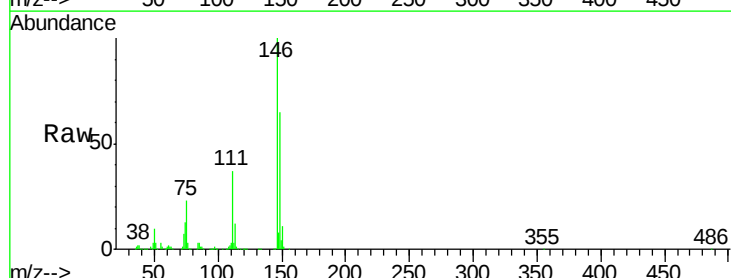
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

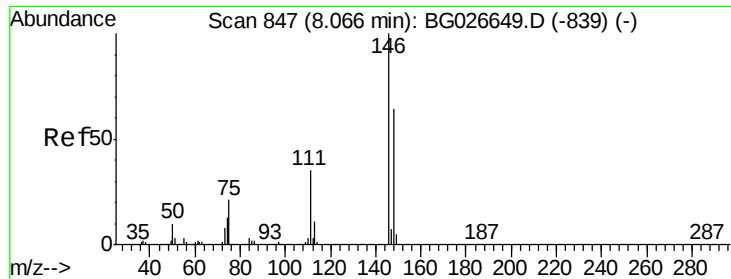
Tot Ion: 93 Resp: 509701
Ion Ratio Lower Upper
93 100
63 72.9 78.5 118.5#
95 31.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 39.41 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion: 146 Resp: 586261
Ion Ratio Lower Upper
146 100
148 64.9 49.2 73.8
75 22.7 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 39.34 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

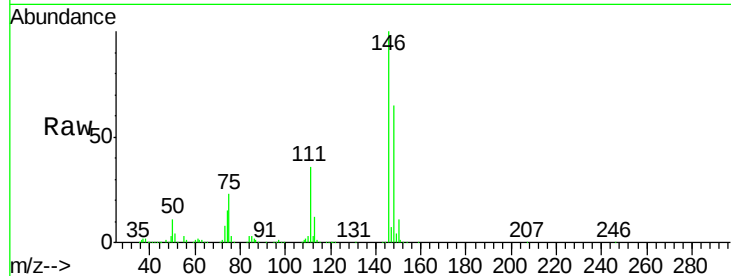
Tot Ion:146 Resp: 594560

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

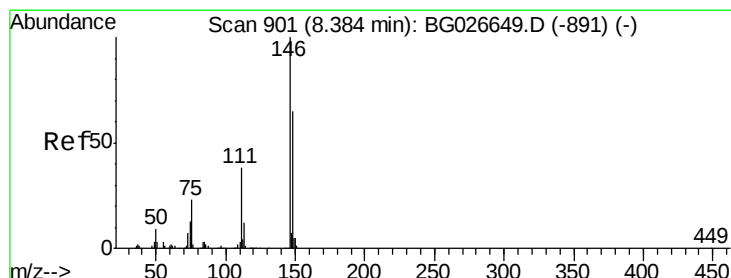
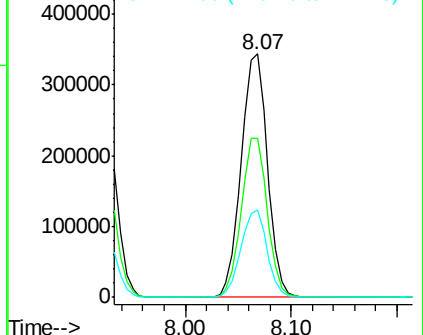
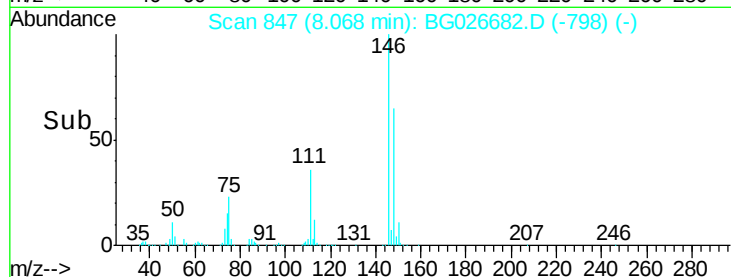
111 35.8 37.0 55.6#



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: 40.24 ng

RT: 8.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

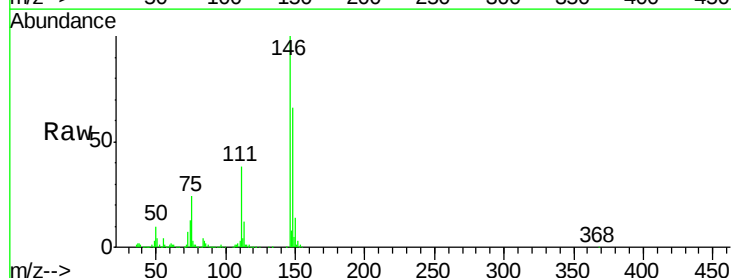
Tgt Ion:146 Resp: 574500

Ion Ratio Lower Upper

146 100

148 65.9 54.6 81.8

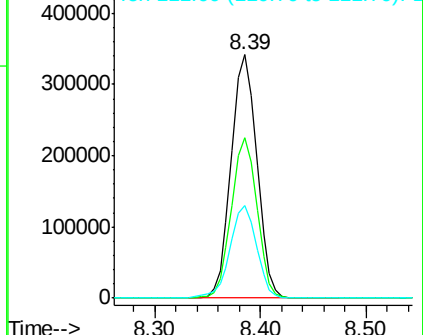
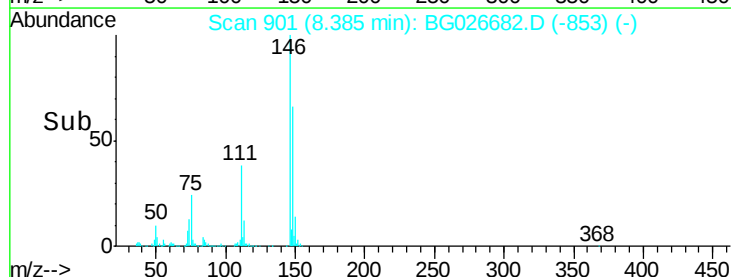
111 37.8 39.7 59.5#

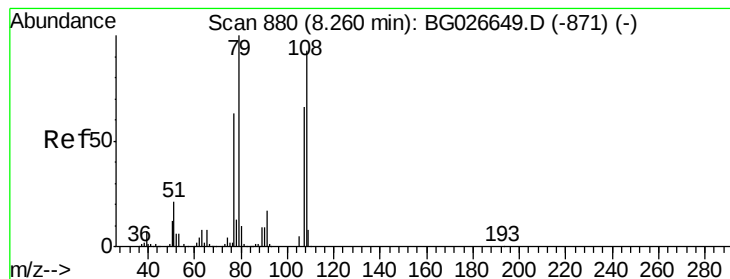


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.21 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

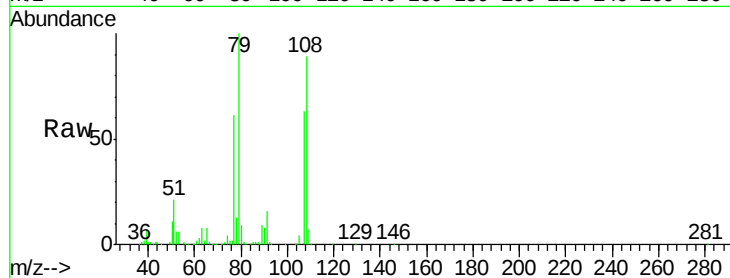
Tot Ion: 79 Resp: 417941

Ion Ratio Lower Upper

79 100

108 88.5 45.5 68.3#

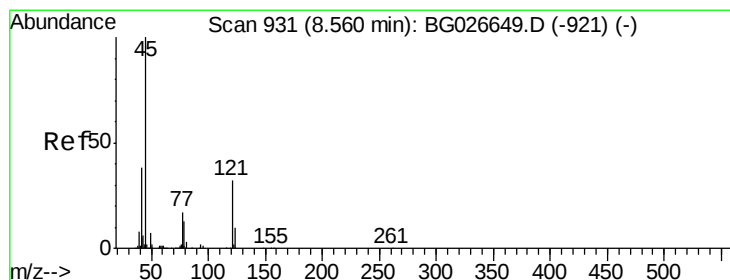
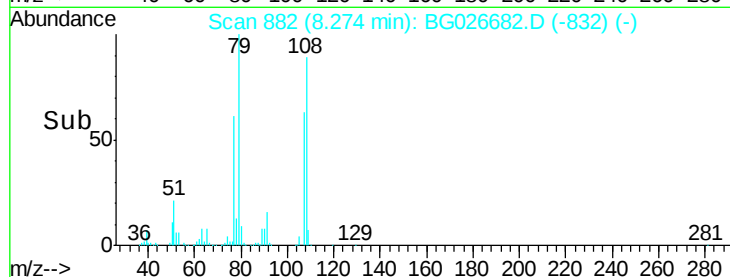
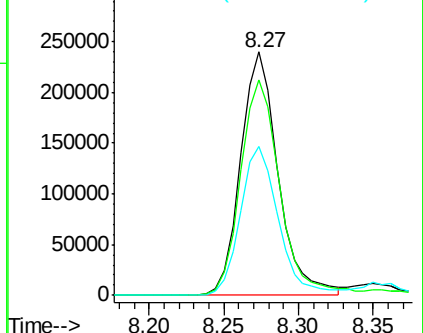
77 61.2 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.31 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

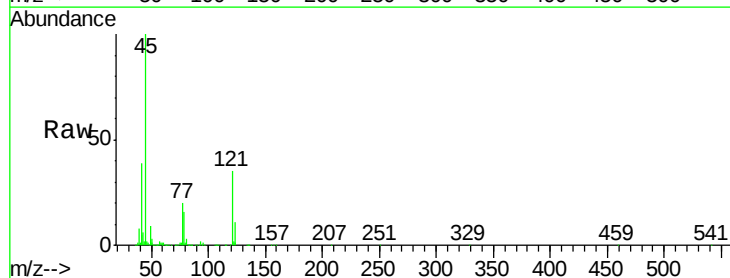
Tgt Ion: 45 Resp: 479874

Ion Ratio Lower Upper

45 100

77 19.8 0.0 30.6

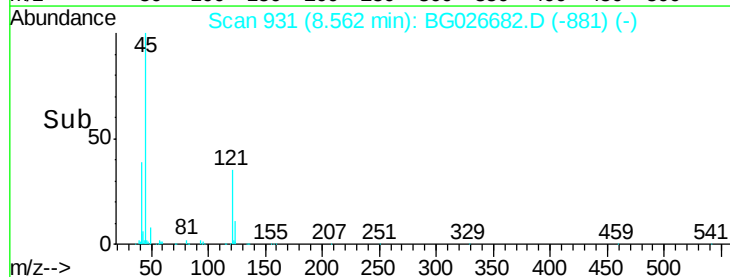
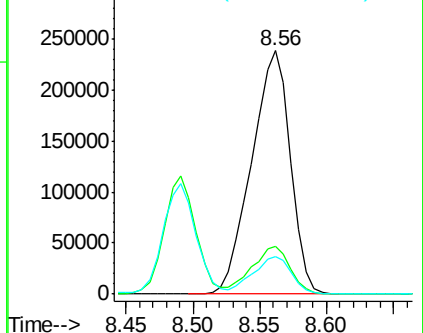
79 15.5 0.0 28.5

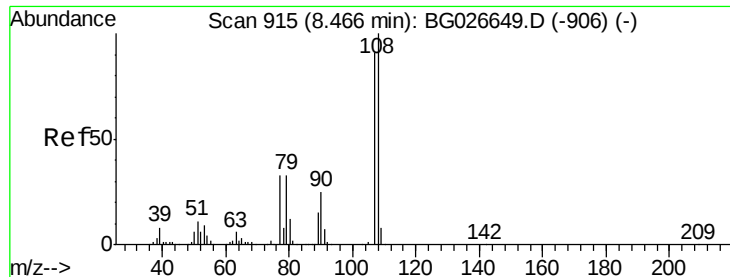


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

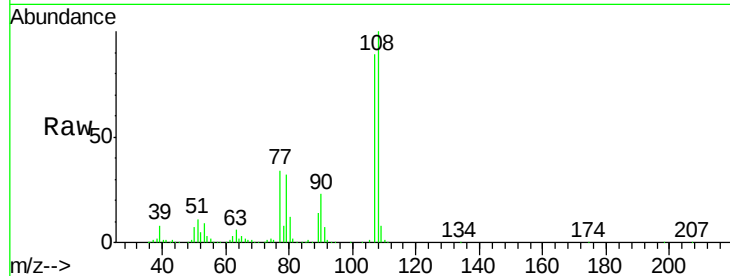




#17
2-Methylphenol
Concen: 48.51 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	85.6	128.4
77	37.9	51.4	77.2#
79	35.6	49.2	73.8#



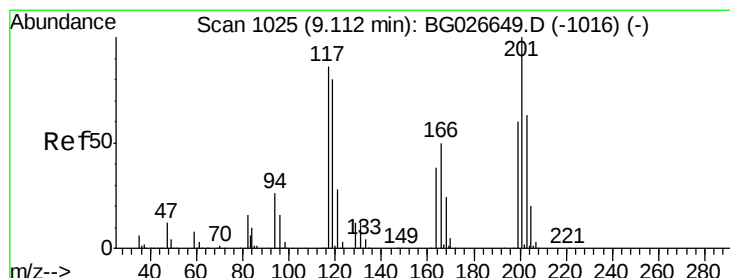
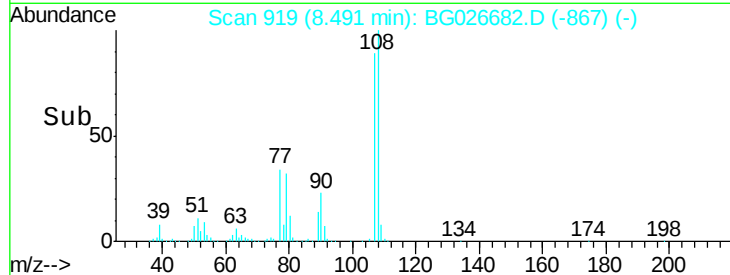
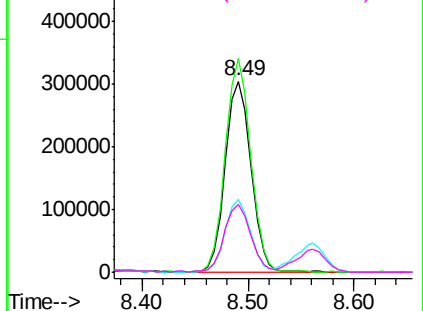
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

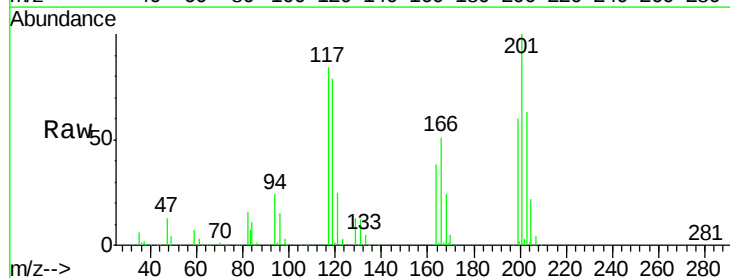
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.77 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	69.8	104.6
201	119.2	95.4	143.0

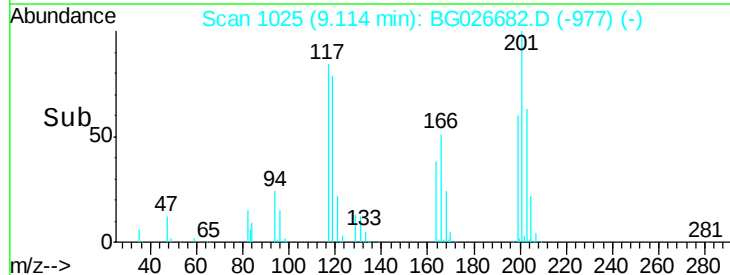
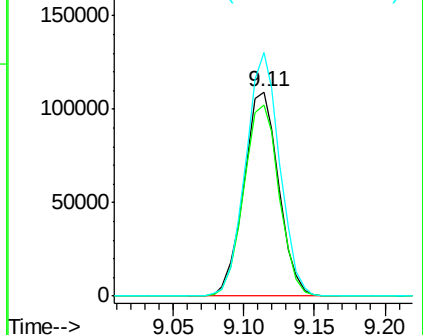


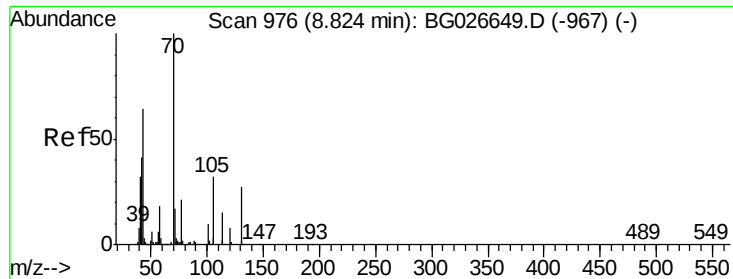
Abundance

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

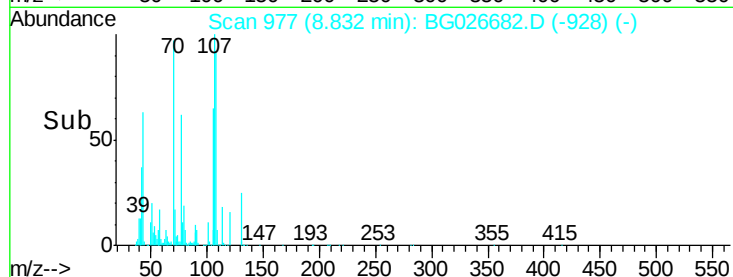
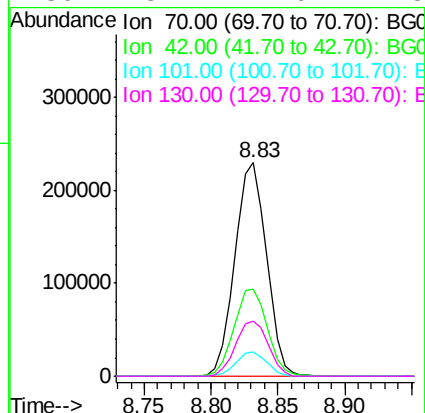
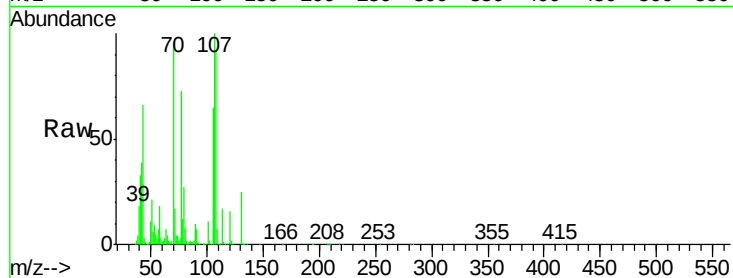




#19
n-Nitroso-di-n-propylamine
Concen: 44.08 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

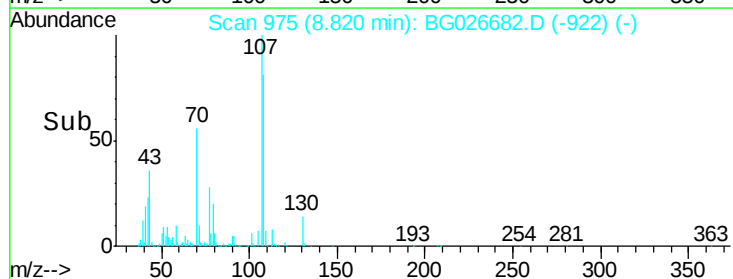
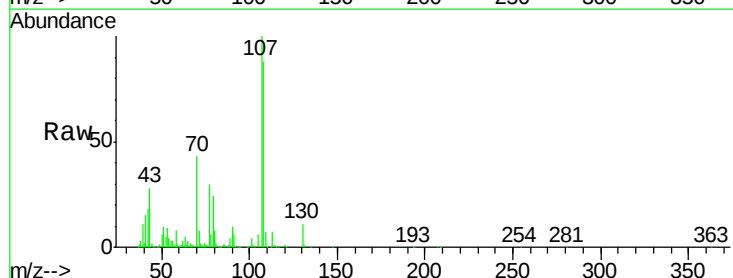
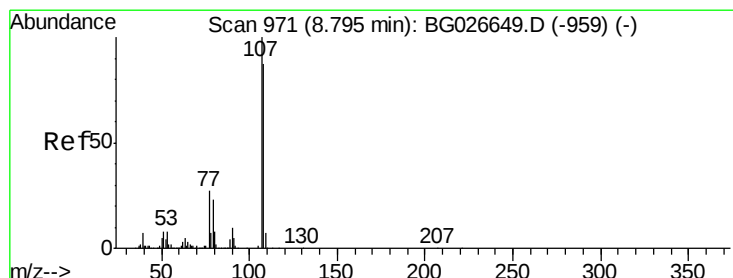
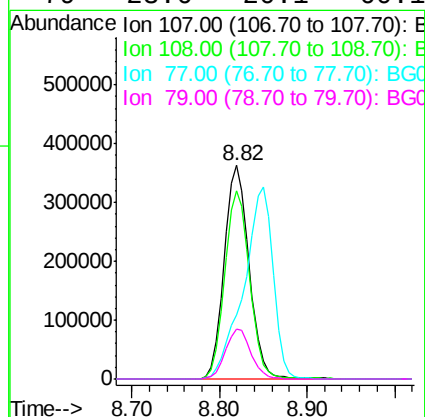
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

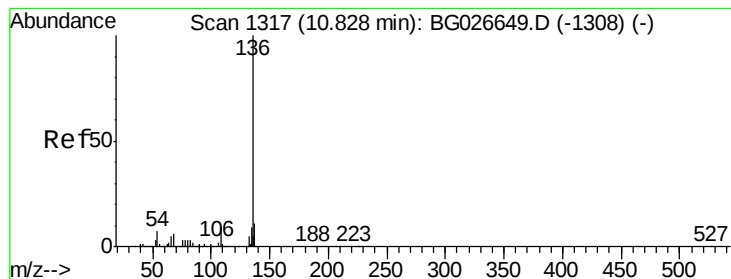
Tot Ion: 70 Resp: 378821
Ion Ratio Lower Upper
70 100
42 40.8 56.1 84.1#
101 11.5 7.5 11.3#
130 25.7 14.6 21.8#



#20
3+4-Methylphenols
Concen: 48.71 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:107 Resp: 707402
Ion Ratio Lower Upper
107 100
108 88.0 70.8 110.8
77 29.8 25.8 65.8
79 23.6 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

Tot Ion:136 Resp: 869594

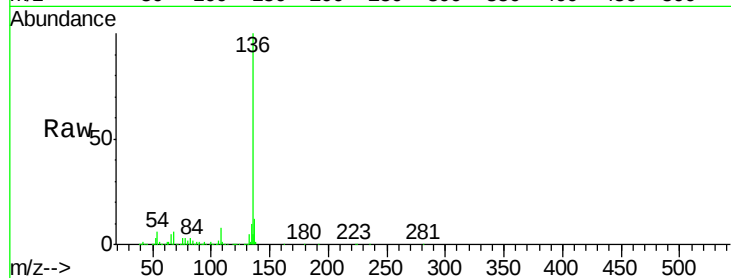
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 5.9 9.3 13.9#

68 6.0 5.1 7.7

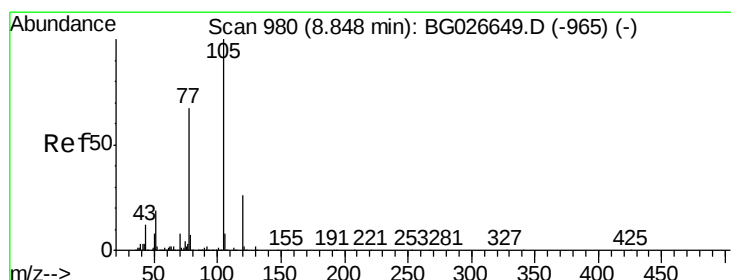
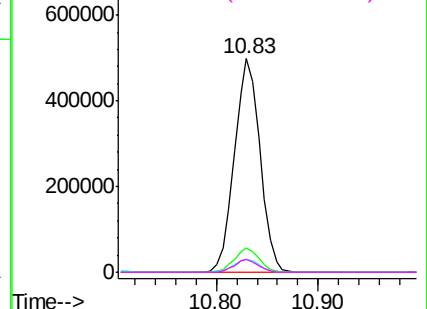
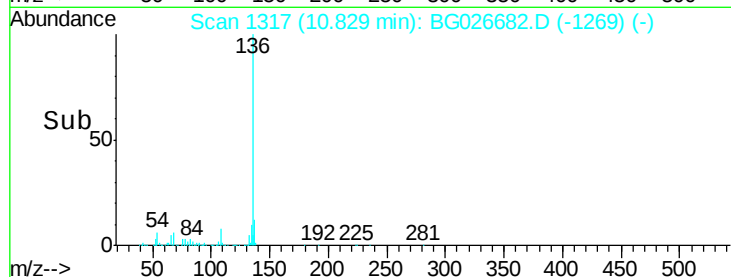


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.26 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Tgt Ion:105 Resp: 800124

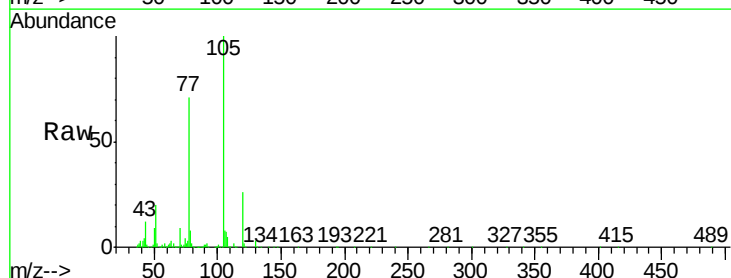
Ion Ratio Lower Upper

105 100

71 1.4 0.9 1.3#

51 20.1 34.0 51.0#

120 25.9 17.3 25.9#

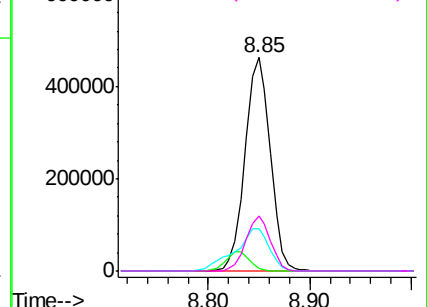
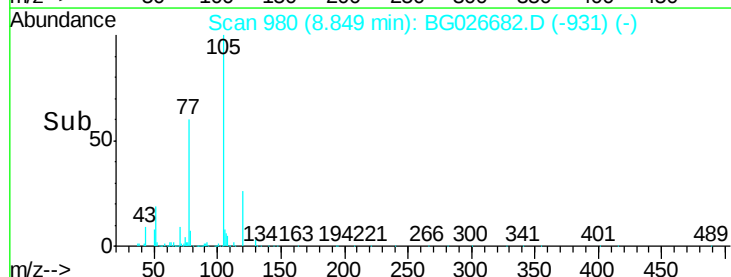


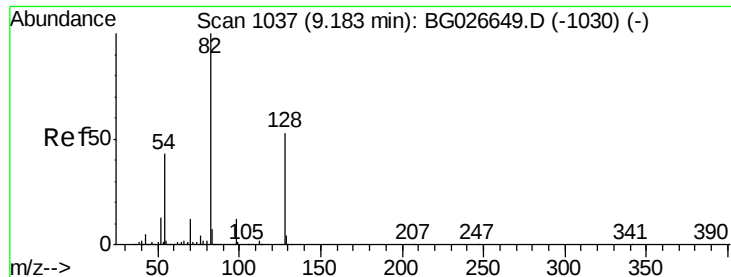
Abundance Ion 105.00 (104.70 to 105.70): E

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

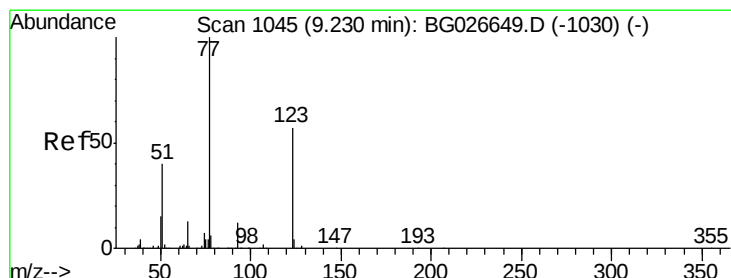
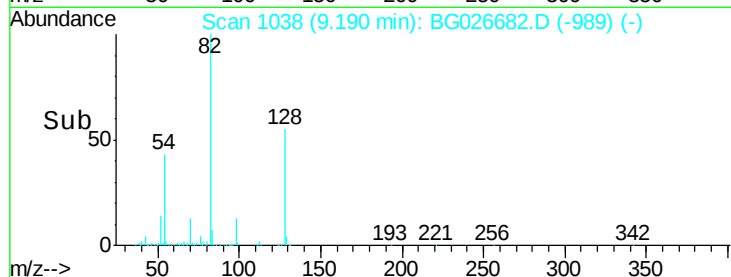
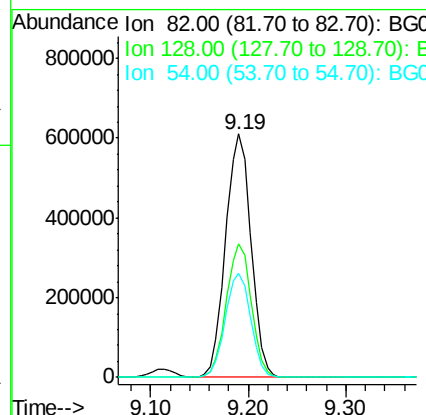
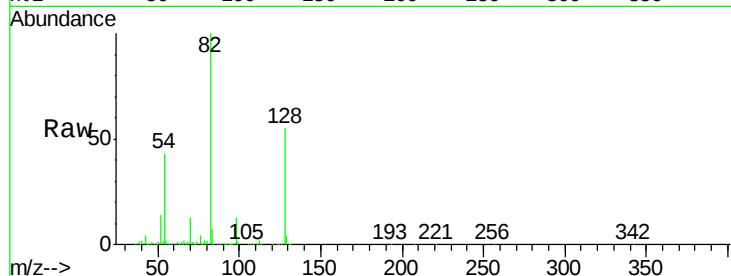




#23
 Nitrobenzene-d5
 Concen: 88.35 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

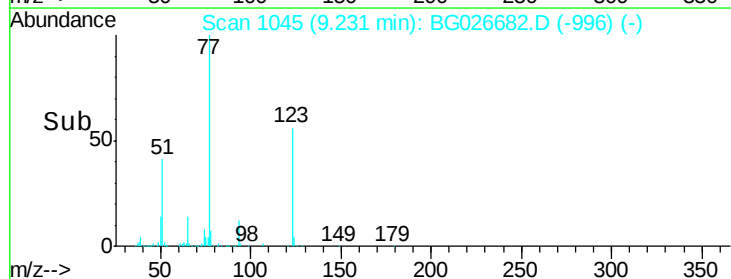
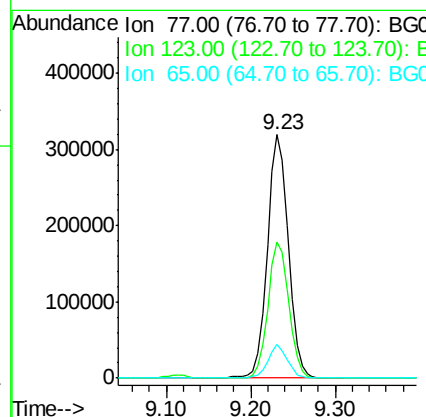
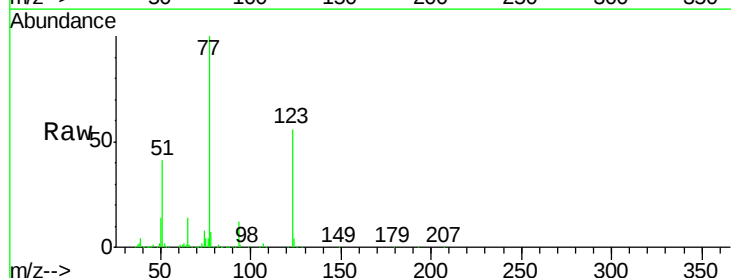
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

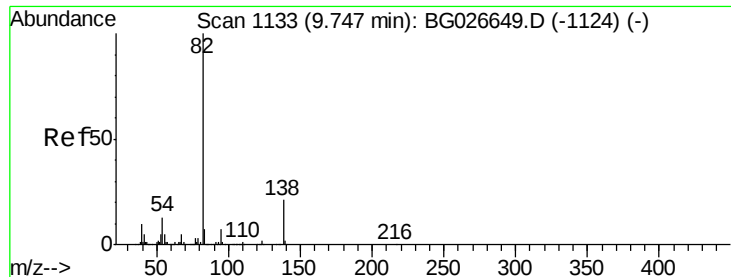
Tot Ion: 82 Resp: 1101060
 Ion Ratio Lower Upper
 82 100
 128 54.8 26.4 39.6#
 54 43.0 49.4 74.2#



#24
 Nitrobenzene
 Concen: 41.77 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion: 77 Resp: 551299
 Ion Ratio Lower Upper
 77 100
 123 55.9 26.1 39.1#
 65 14.0 12.4 18.6





#25

Isophorone

Concen: 42.05 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

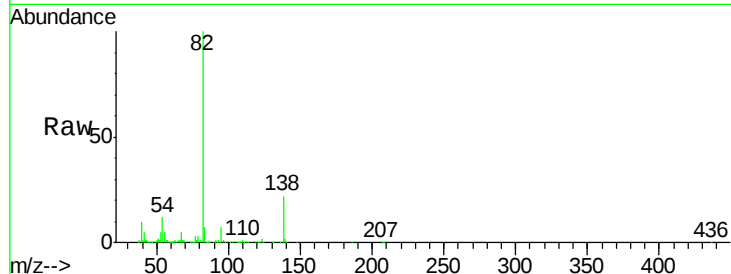
Tot Ion: 82 Resp: 1074227

Ion Ratio Lower Upper

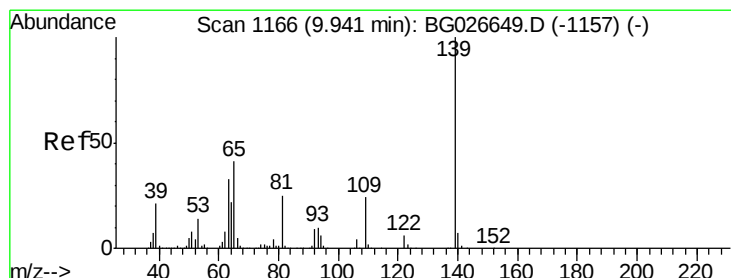
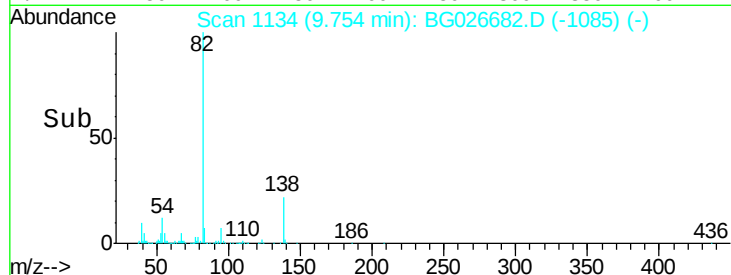
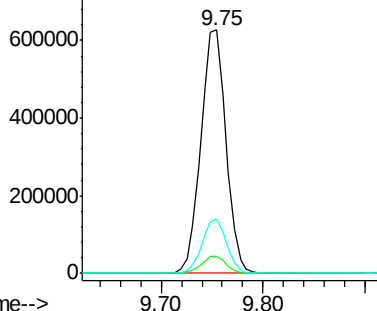
82 100

95 7.0 7.5 11.3#

138 22.1 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: 44.15 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

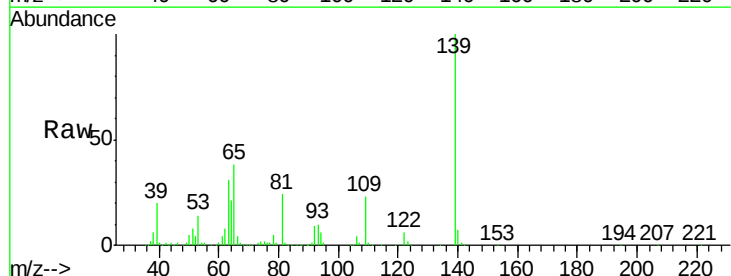
Tgt Ion: 139 Resp: 353024

Ion Ratio Lower Upper

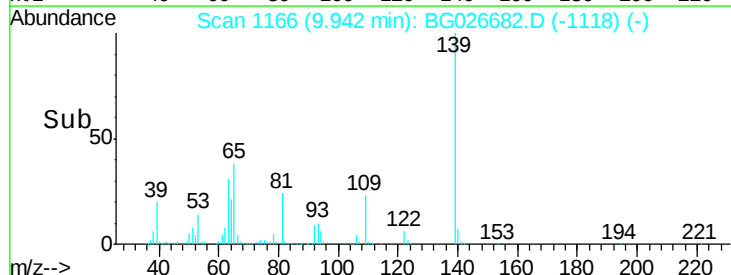
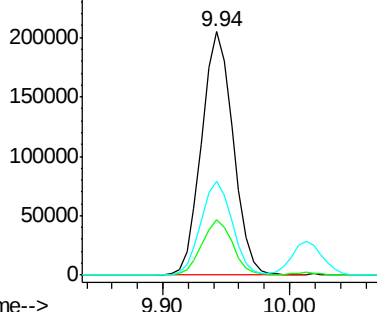
139 100

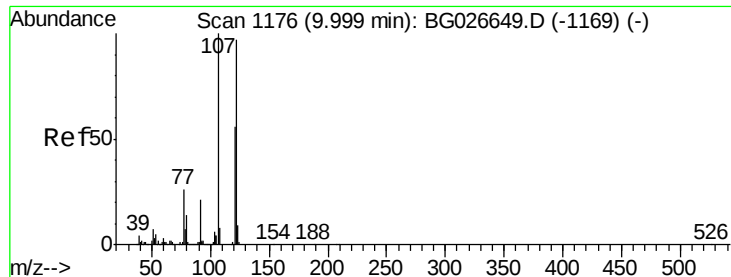
109 22.5 38.6 58.0#

65 38.4 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: 45.58 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

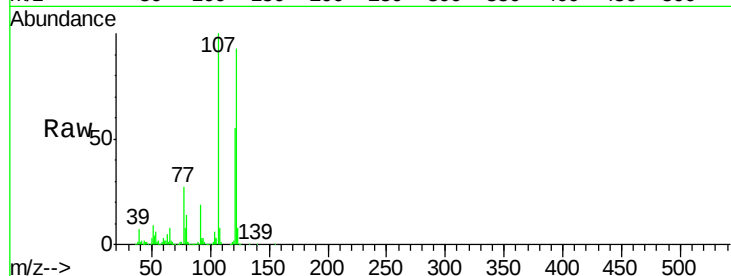
Tot Ion:122 Resp: 588187

Ion Ratio Lower Upper

122 100

107 107.9 104.2 156.4

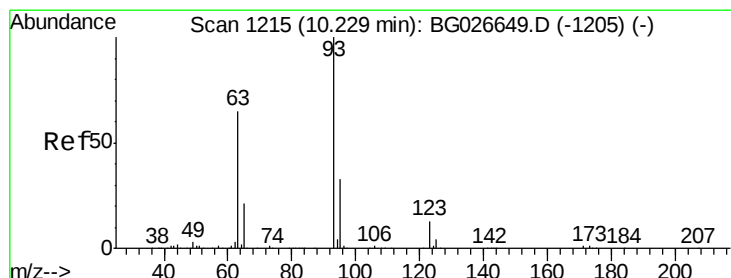
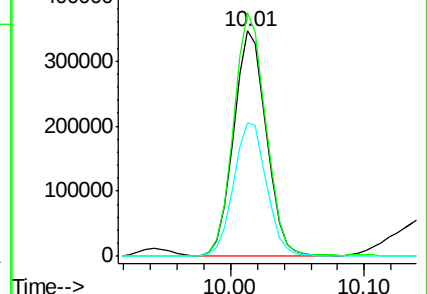
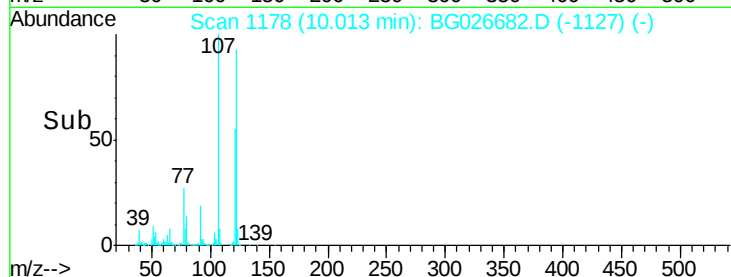
121 58.9 46.0 69.0



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: 42.42 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

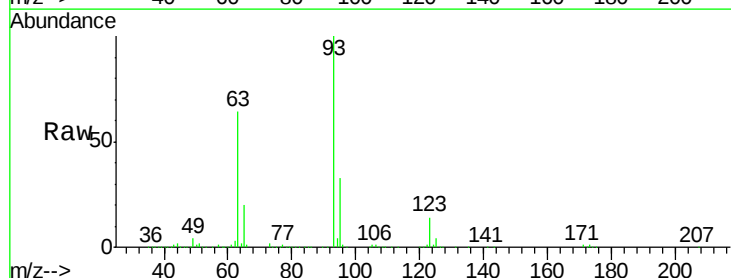
Tgt Ion: 93 Resp: 708461

Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

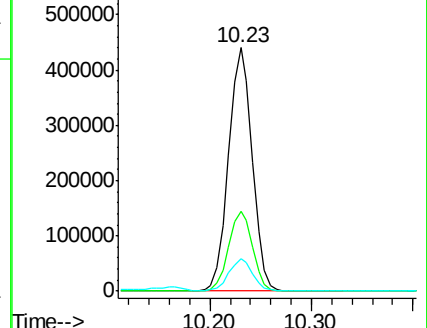
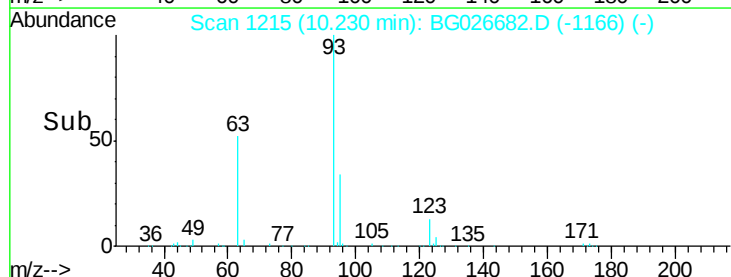
123 13.5 8.3 12.5#

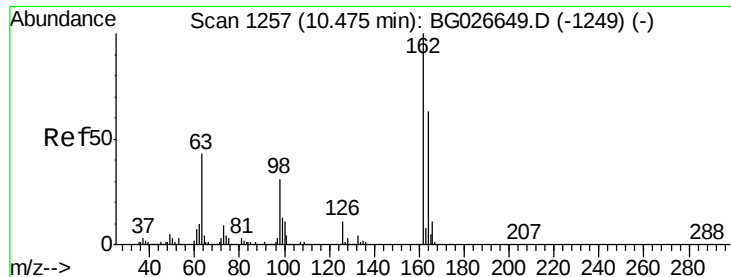


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

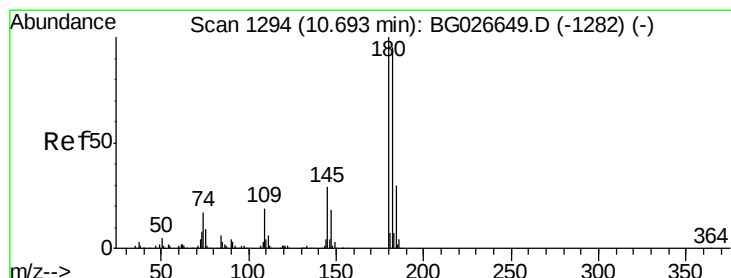
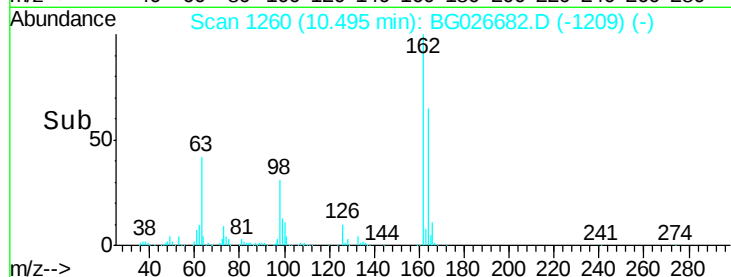
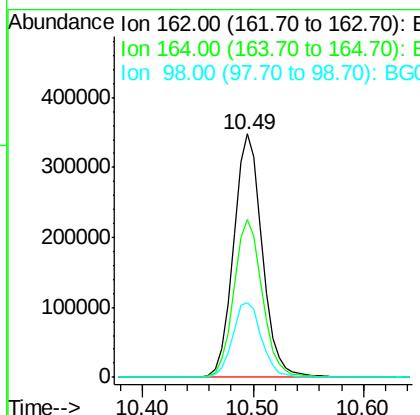
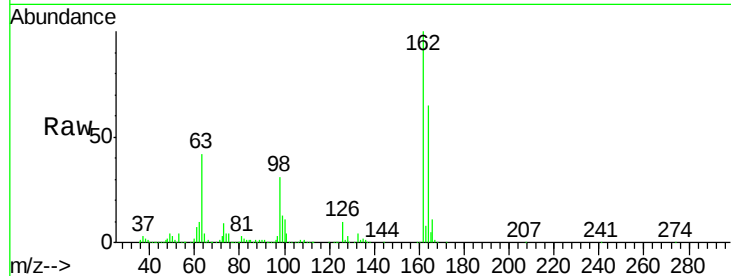




#29
 2,4-Dichlorophenol
 Concen: 46.91 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

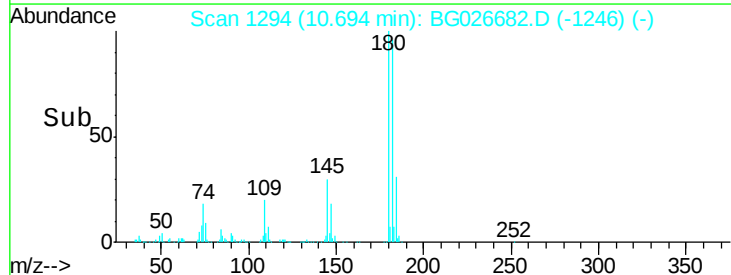
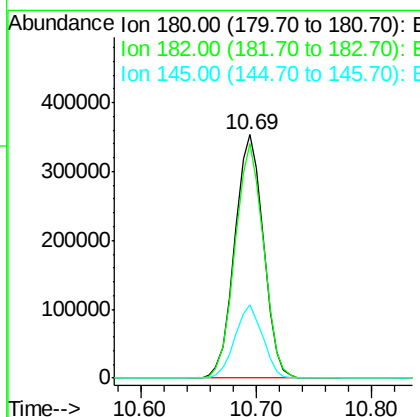
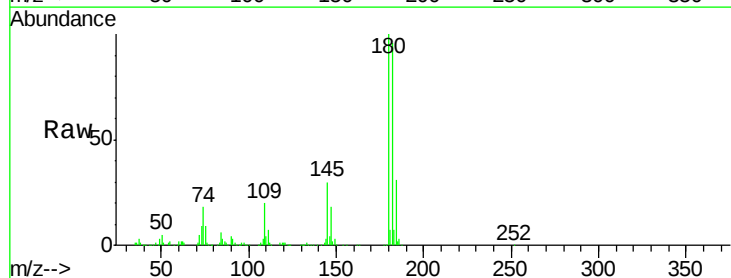
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

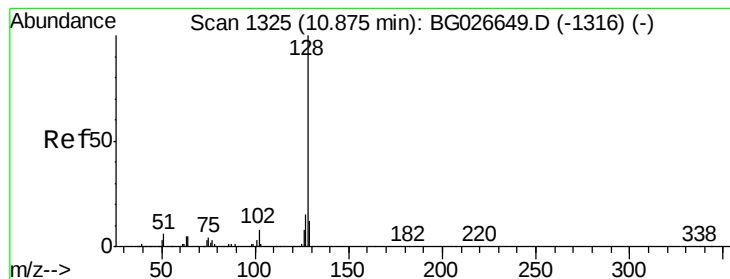
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.4	82.4
98	30.6	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.36 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.0	115.4
145	30.0	23.4	35.0





#31

Naphthalene

Concen: 40.94 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

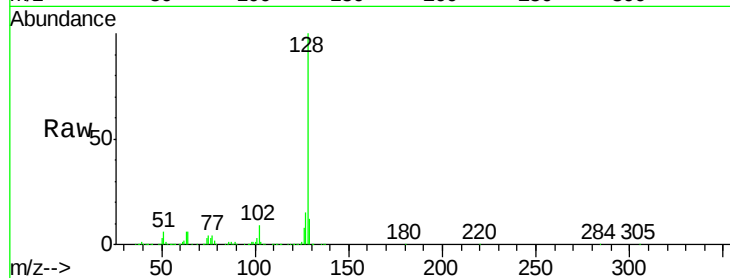
Tot Ion:128 Resp: 1747263

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

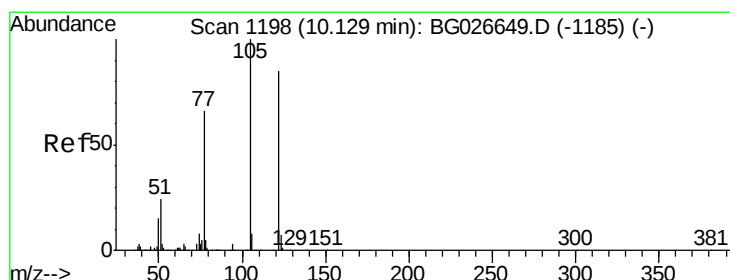
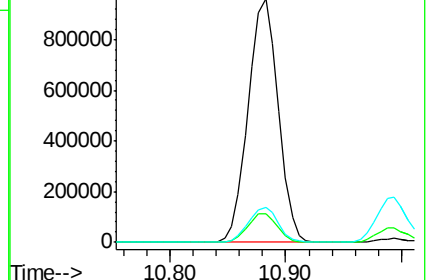
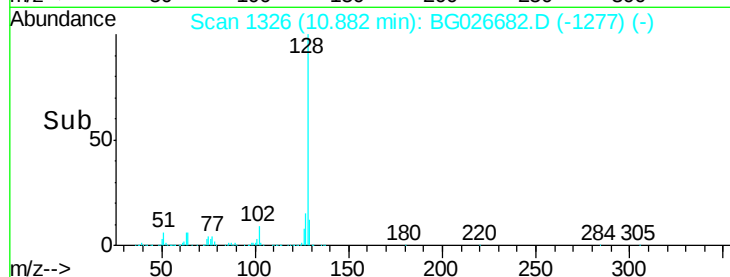
127 14.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.09 ng m

RT: 10.16 min Scan# 1203

Delta R.T. 0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

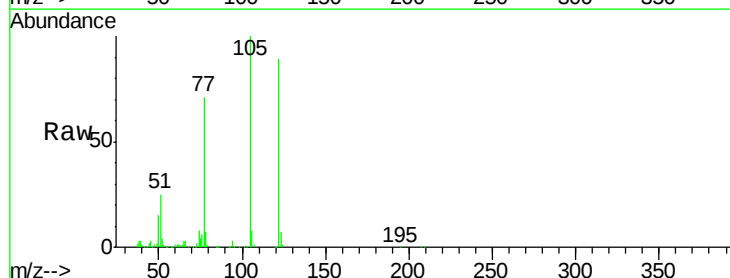
Tgt Ion:122 Resp: 279432

Ion Ratio Lower Upper

122 100

105 112.7 120.1 160.1#

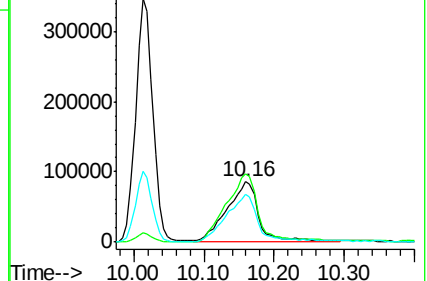
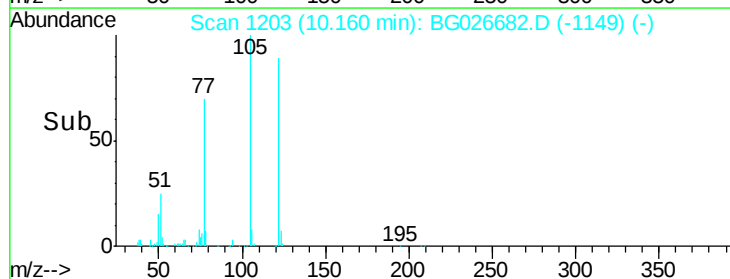
77 79.6 104.6 144.6#

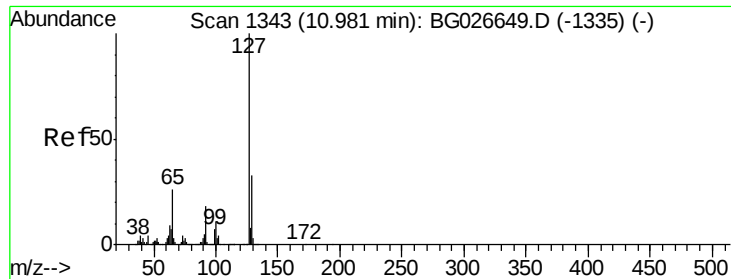


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

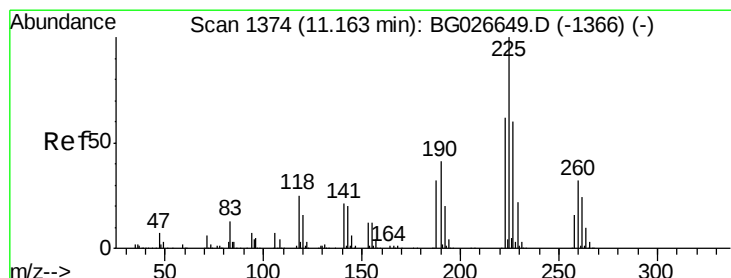
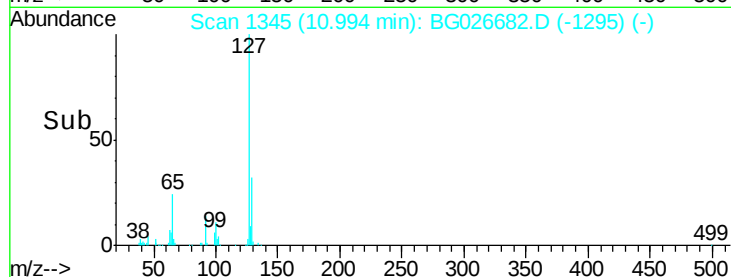
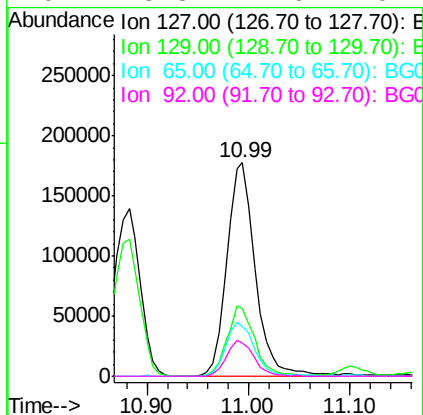
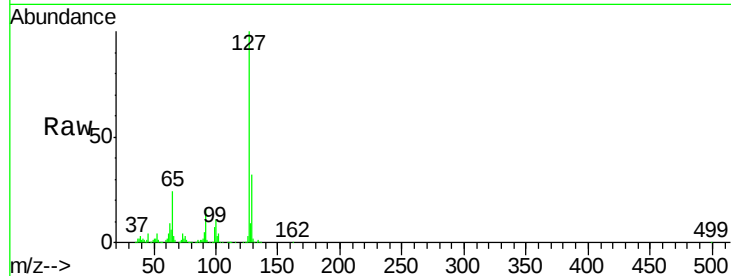




#33
4-Chloroaniline
Concen: 18.68 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

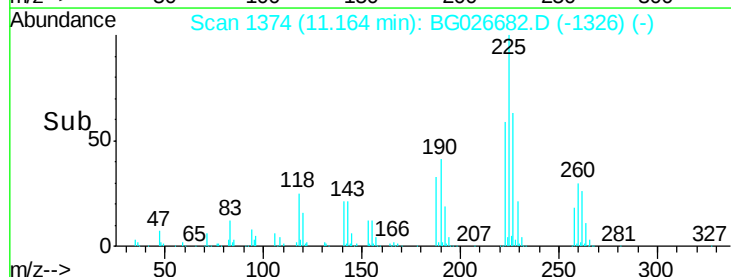
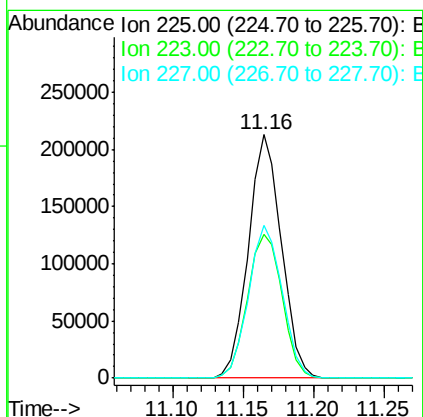
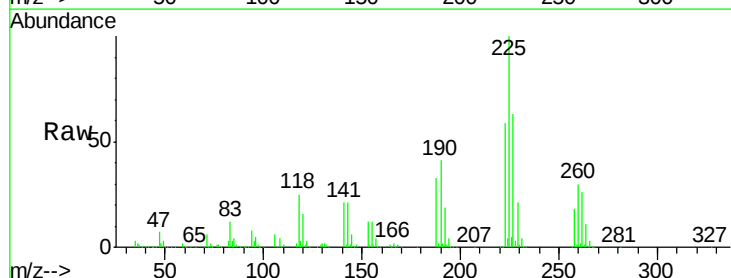
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

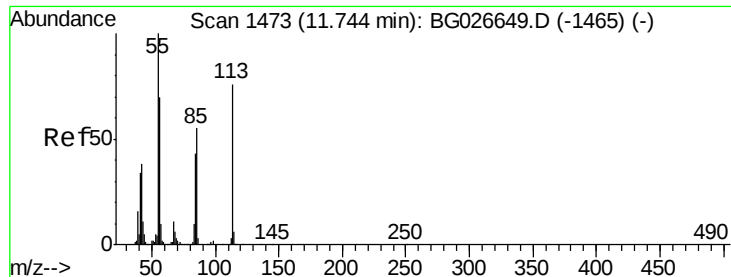
Tot Ion:127	Resp:	341936
Ion Ratio	Lower	Upper
127	100	
129	32.0	23.6 35.4
65	23.5	37.7 56.5#
92	15.8	17.6 26.4#



#34
Hexachlorobutadiene
Concen: 40.63 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:225	Resp:	349471
Ion Ratio	Lower	Upper
225	100	
223	59.2	50.7 76.1
227	62.5	49.0 73.6





#35

Caprolactam

Concen: 32.57 ng/ml

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument:

BNA_G

ClientSampleId:

WETLANDSAND-PPCMS

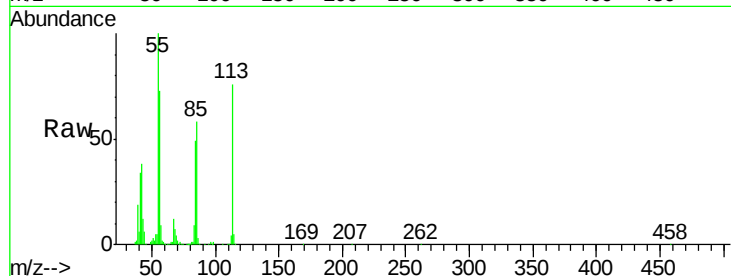
Tot Ion: 113 Resp: 170712

Ion Ratio Lower Upper

113 100

55 131.3 198.6 238.6#

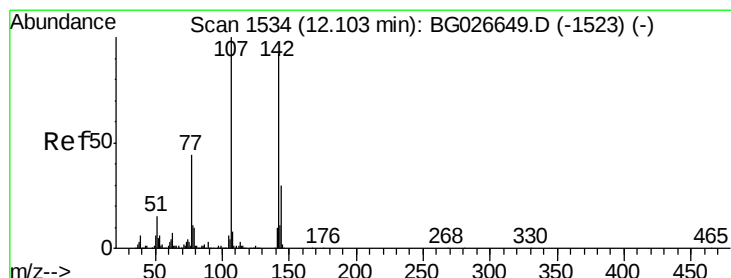
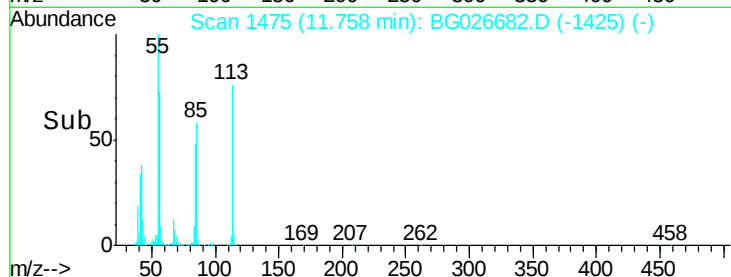
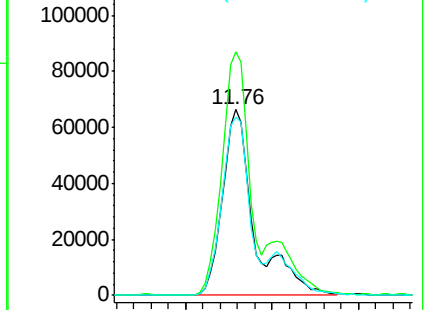
56 96.1 140.4 180.4#



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: 46.25 ng/ml

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

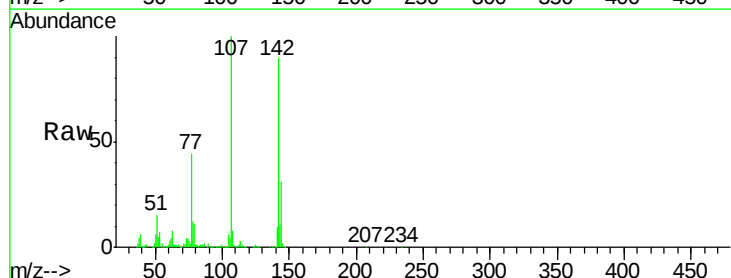
Tgt Ion: 107 Resp: 628733

Ion Ratio Lower Upper

107 100

144 30.6 17.4 26.0#

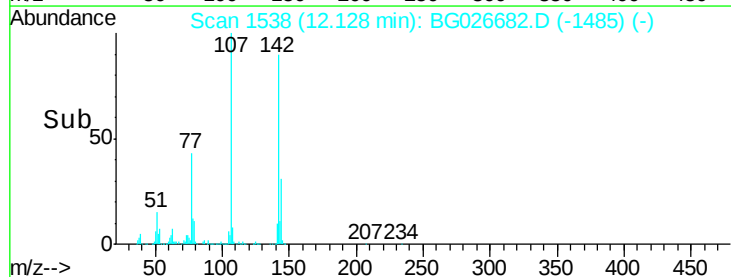
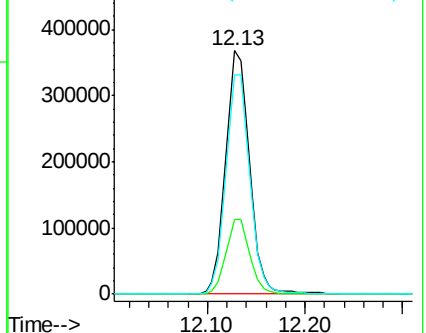
142 89.8 54.1 81.1#

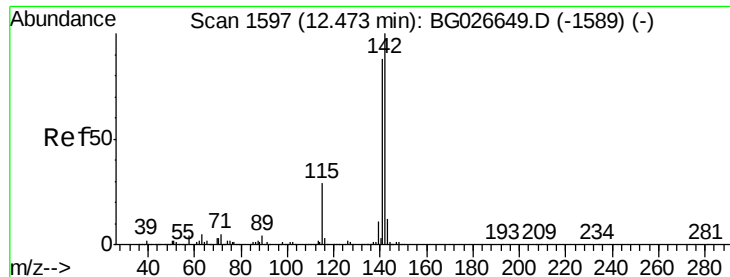


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

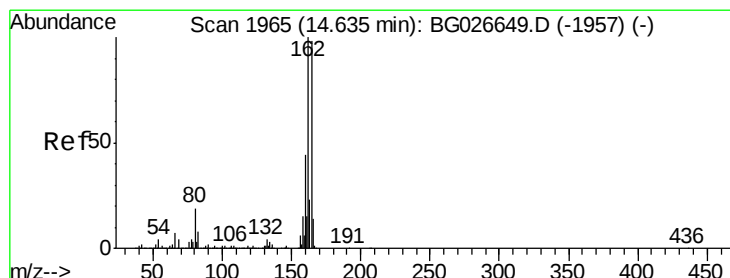
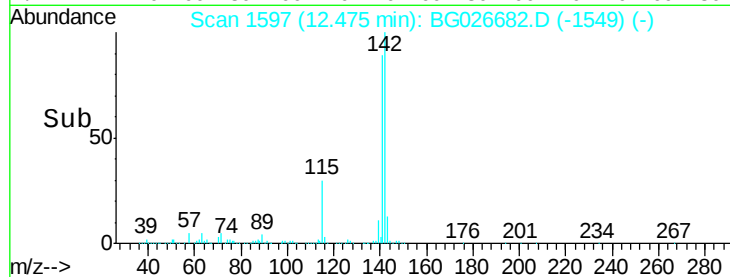
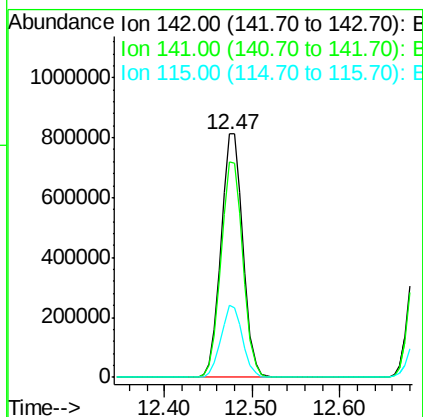
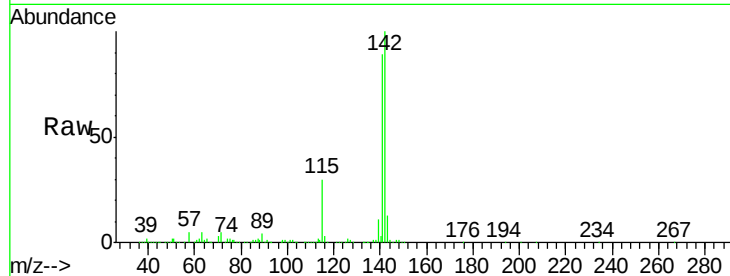




#37
 2-Methylnaphthalene
 Concen: 42.77 ng
 RT: 12.47 min Scan# 1597
 Delta R.T. -0.02 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

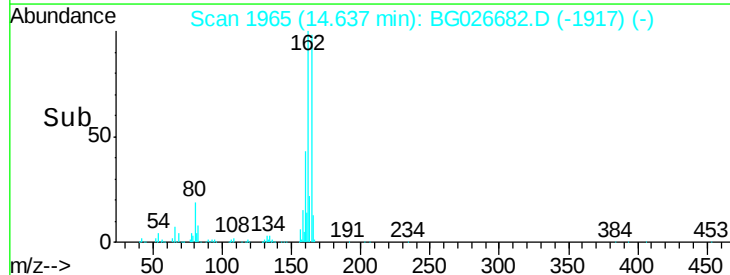
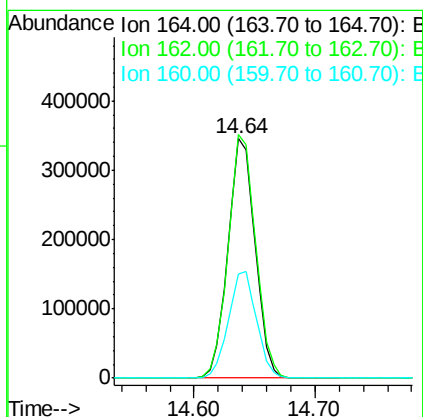
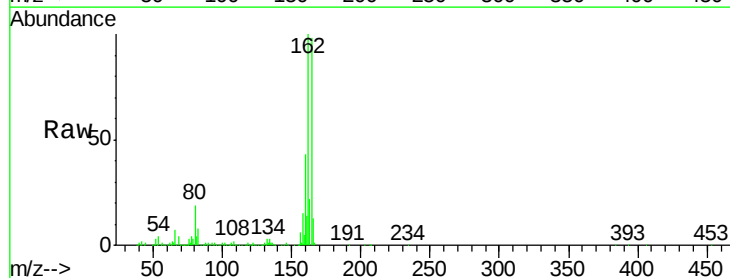
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

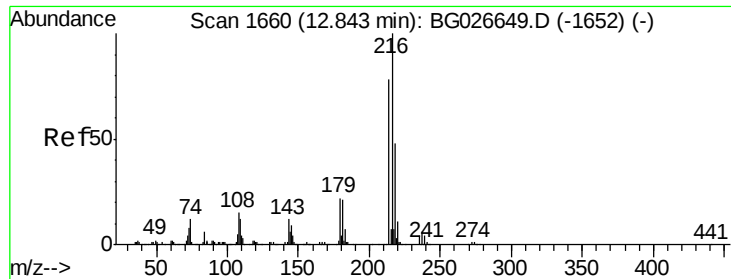
Tot Ion:142 Resp: 1404796
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.4 105.6
 115 29.8 35.5 53.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion:164 Resp: 541371
 Ion Ratio Lower Upper
 164 100
 162 101.6 85.1 127.7
 160 43.7 34.7 52.1

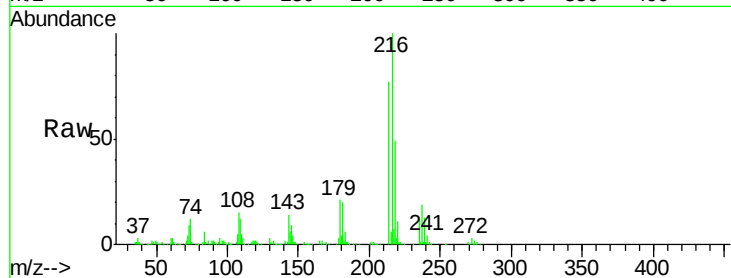




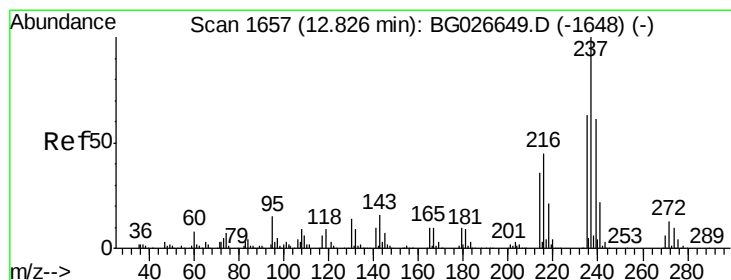
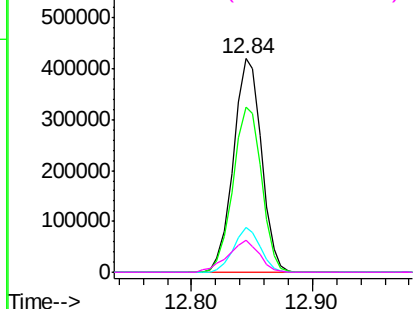
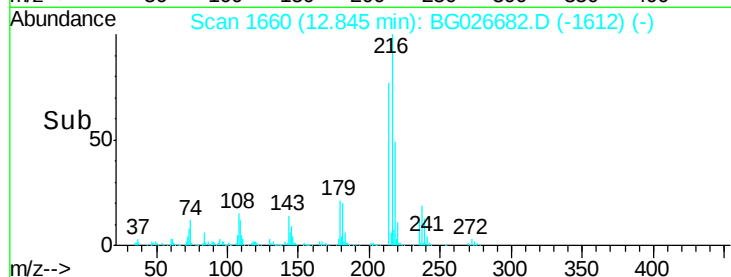
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.74 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

Tot Ion:216	Resp:	679408
Ion	Ratio	Lower Upper
216	100	
214	78.6	64.4 96.6
179	20.1	17.4 26.0
108	16.7	15.6 23.4

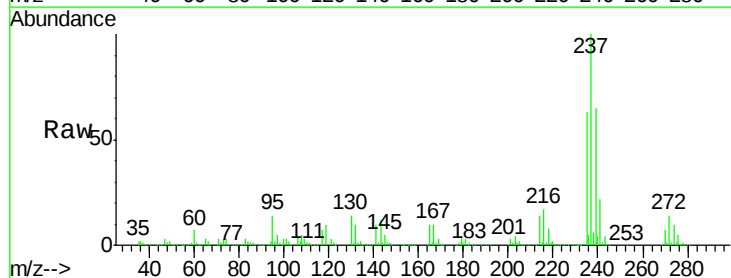


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

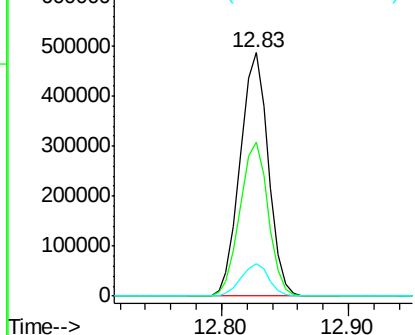
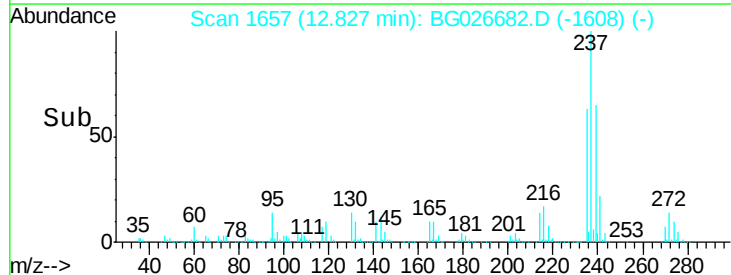


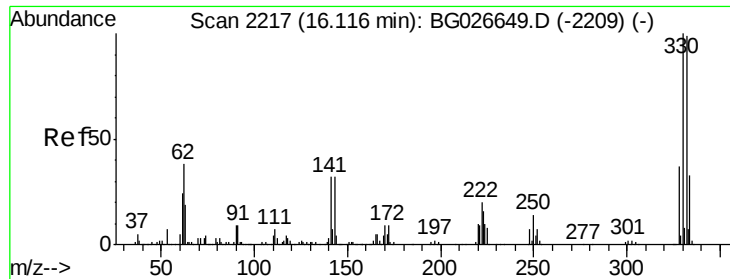
#40
 Hexachlorocyclopentadiene
 Concen: 88.89 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion:237	Resp:	748979
Ion	Ratio	Lower Upper
237	100	
235	63.2	39.4 79.4
272	13.6	0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

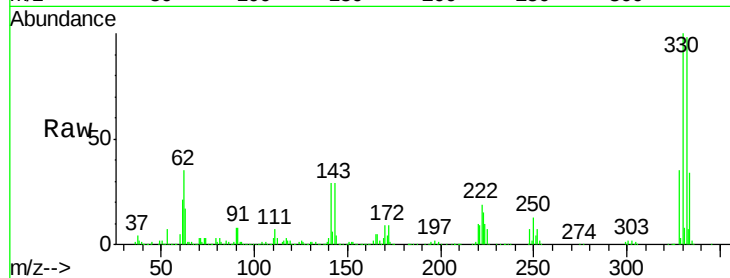




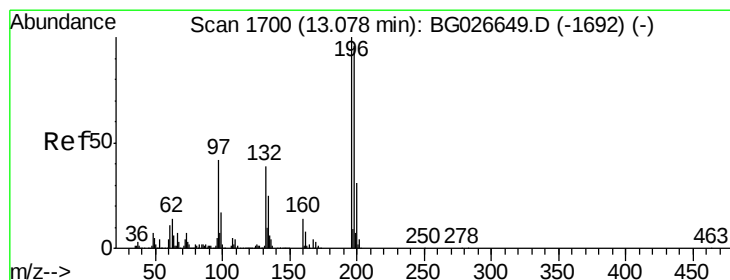
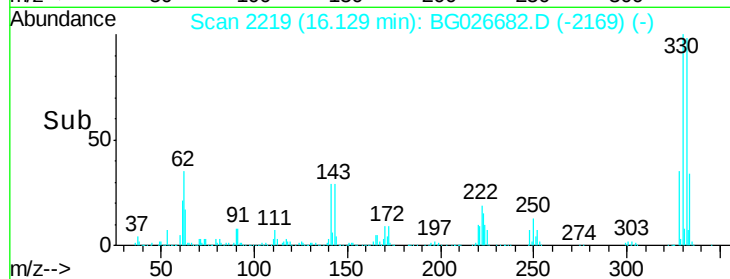
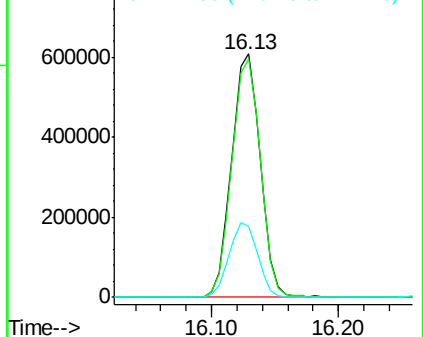
#41
 2,4,6-Tribromophenol
 Concen: 125.66 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	30.7	32.1	48.1#

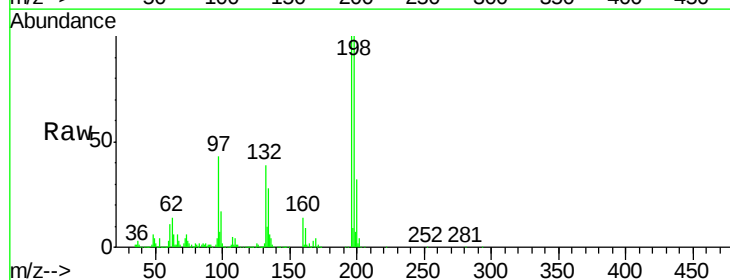


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

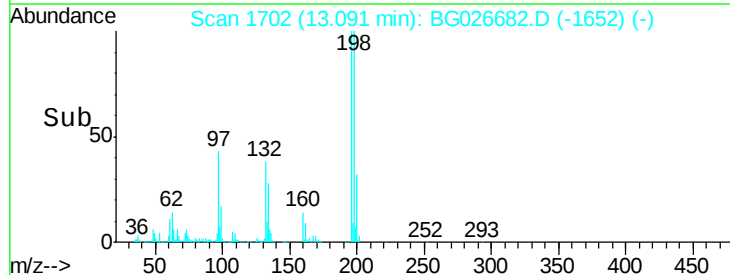
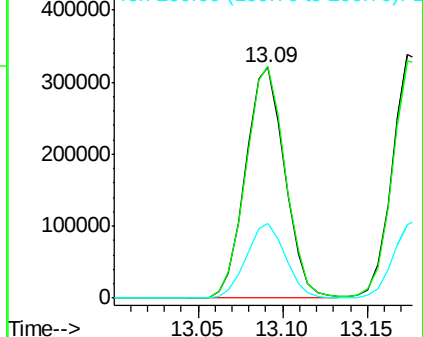


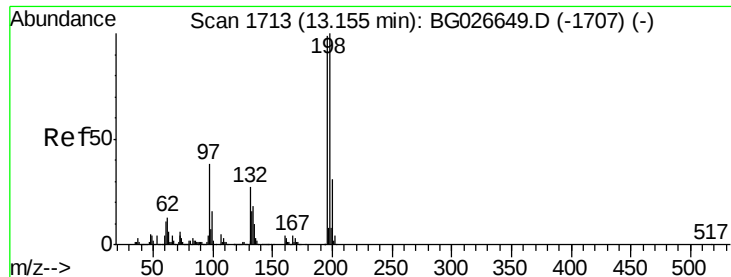
#42
 2,4,6-Trichlorophenol
 Concen: 43.55 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	81.4	122.2
200	32.6	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

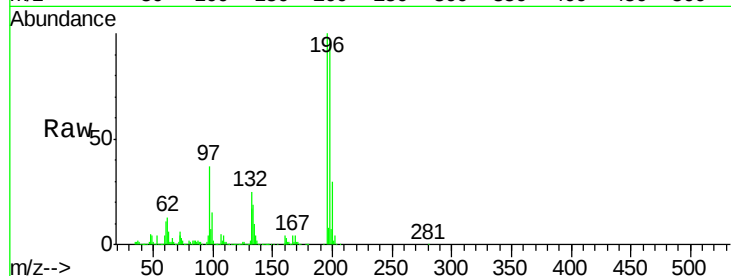




#43
2,4,5-Trichlorophenol
Concen: 44.90 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.9	119.9
97	37.4	45.4	68.0
132	25.4	20.7	31.1



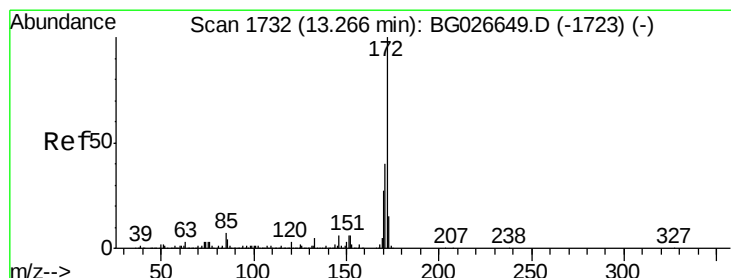
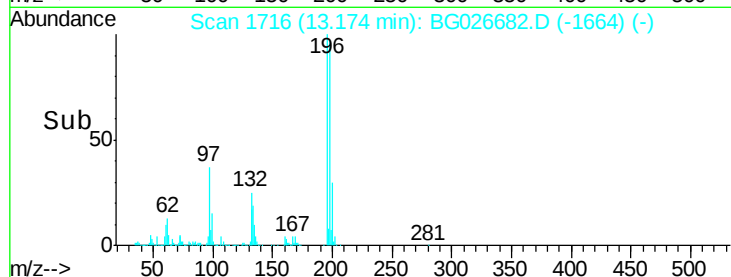
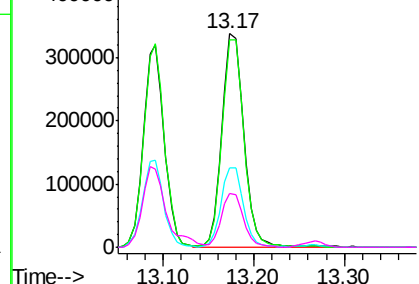
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

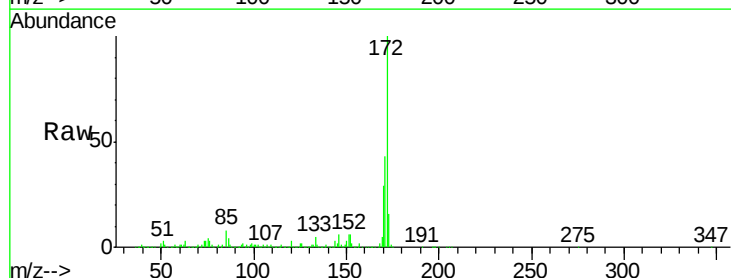
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 82.95 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.4	32.2	48.2
170	28.8	21.8	32.6

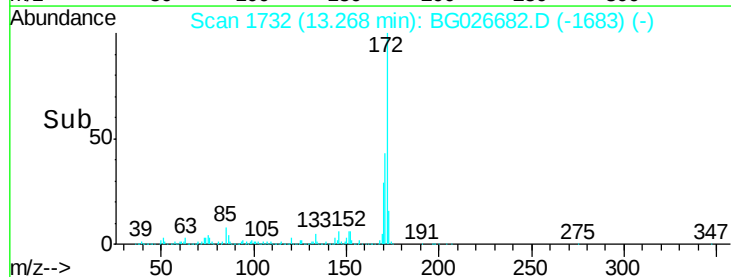
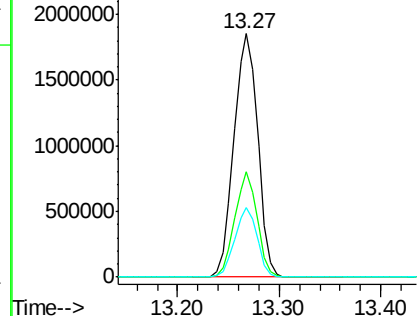


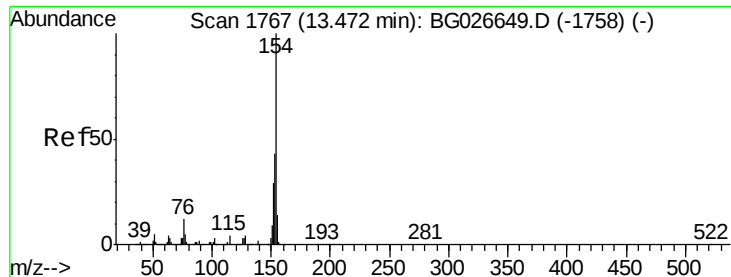
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.83 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

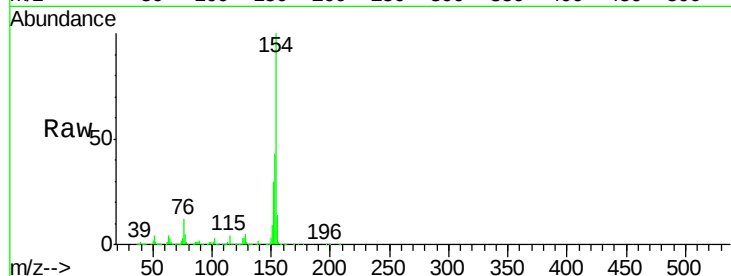
BNA_G

ClientSampleId :

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Tot Ion:154 Resp: 1796281

Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.0	63.0
76	11.7	0.0	33.5

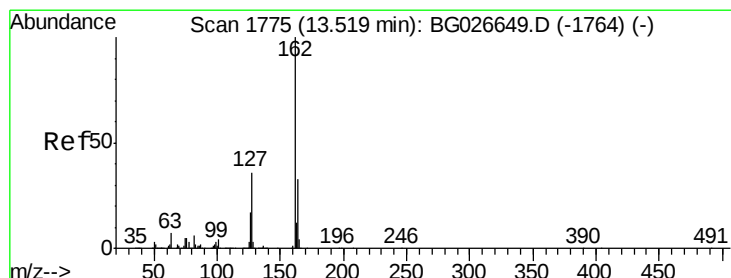
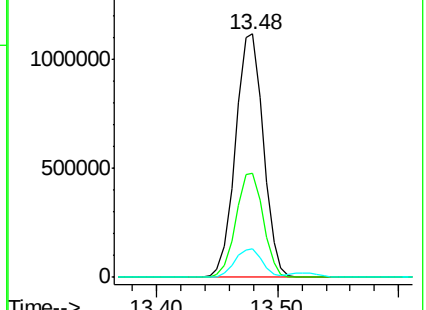
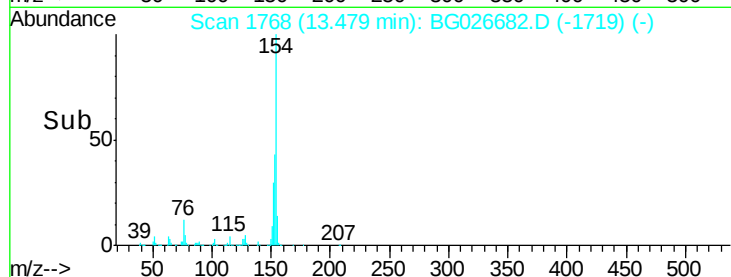


Abundance

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: 41.19 ng

RT: 13.52 min Scan# 1775

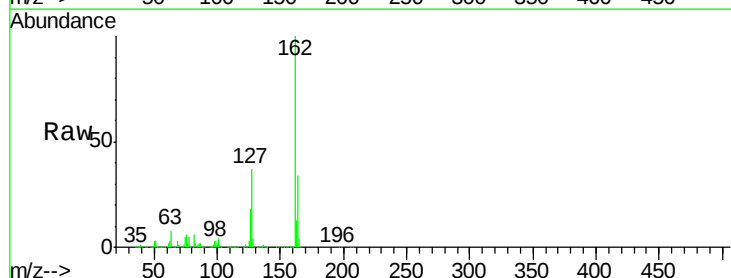
Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Tgt Ion:162 Resp: 1373221

Ion	Ratio	Lower	Upper
162	100		
127	36.8	32.2	48.4
164	33.9	27.3	40.9

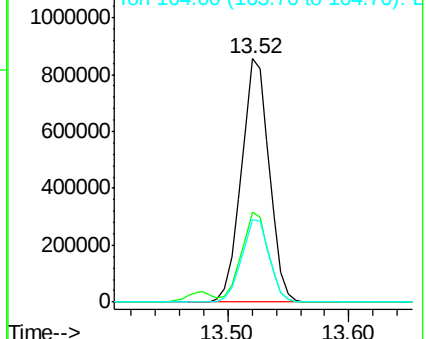
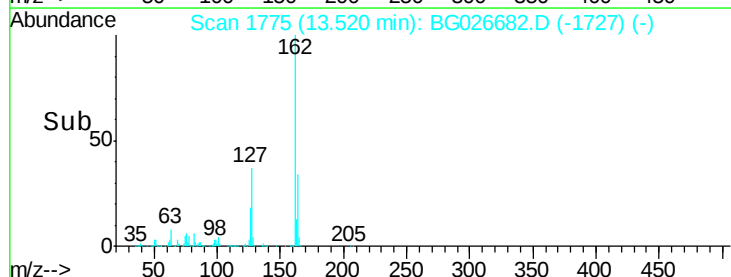


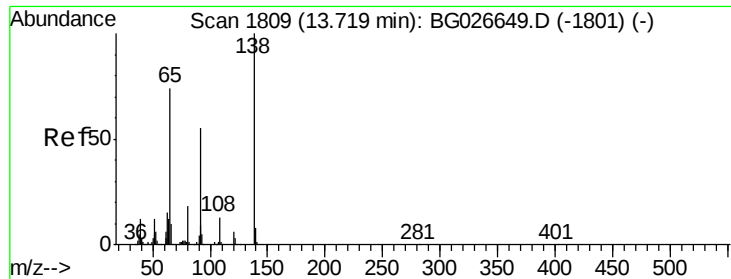
Abundance

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

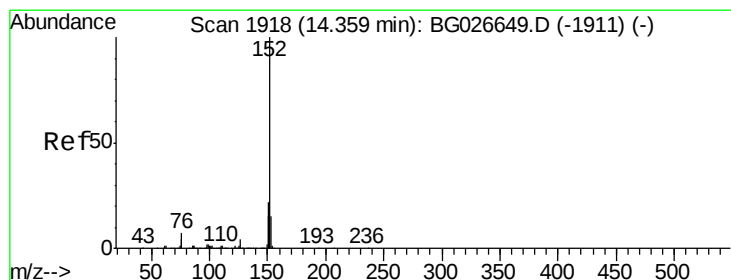
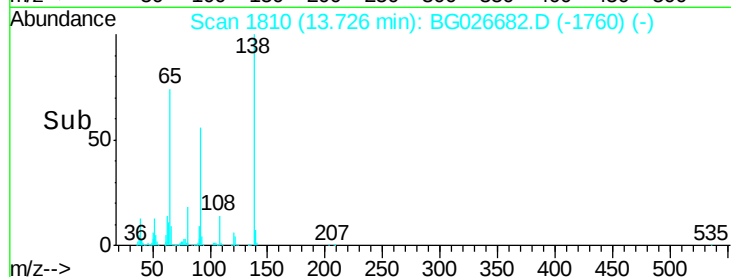
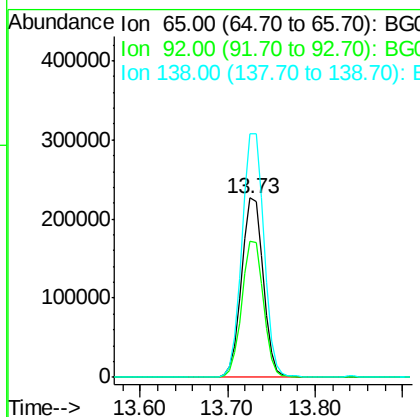
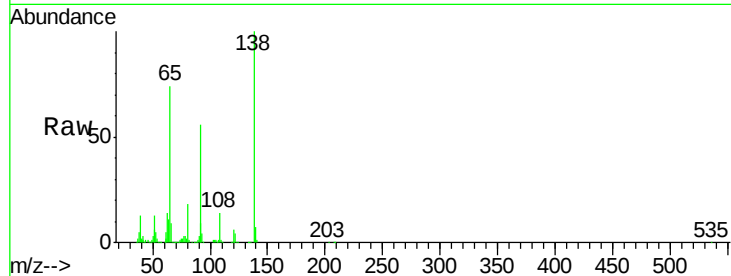




#47
2-Nitroaniline
Concen: 44.09 ng
RT: 13.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

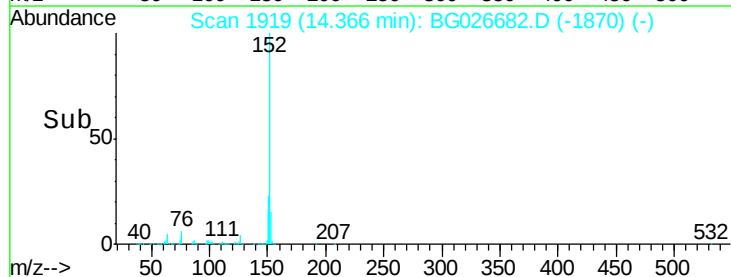
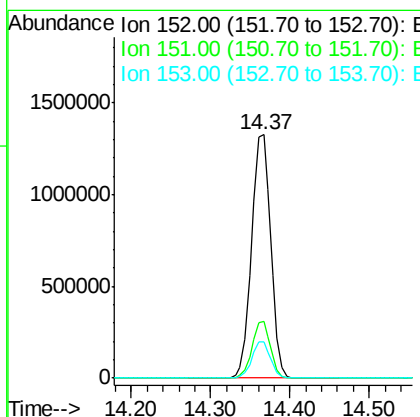
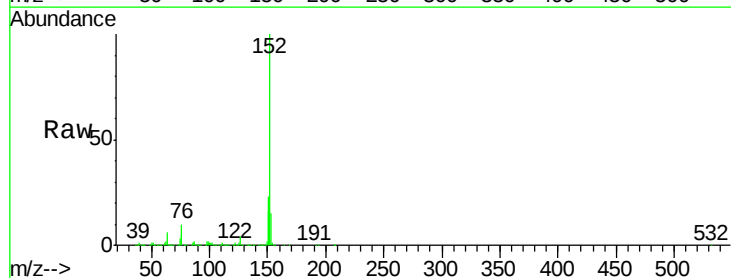
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

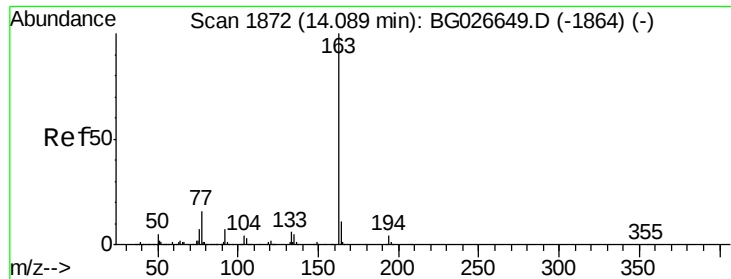
Tot Ion: 65 Resp: 375416
Ion Ratio Lower Upper
65 100
92 76.1 49.0 73.4#
138 135.6 58.6 87.8#



#48
Acenaphthylene
Concen: 41.80 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion: 152 Resp: 2240796
Ion Ratio Lower Upper
152 100
151 23.1 18.2 27.2
153 14.8 11.3 16.9

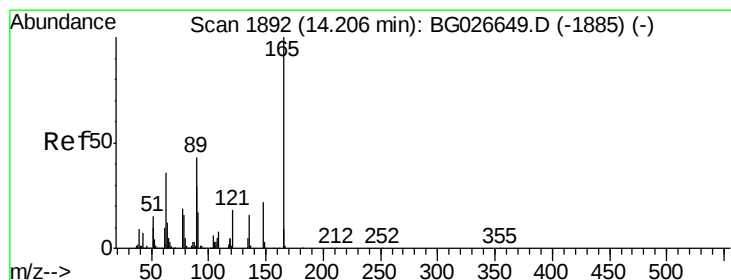
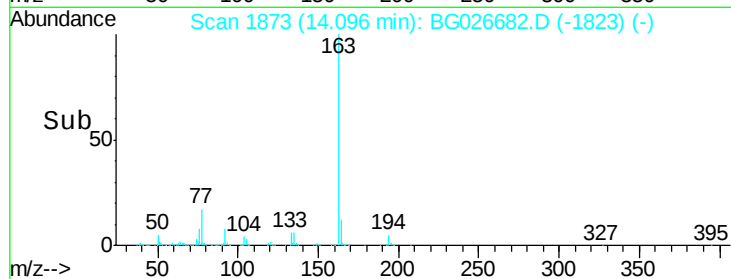
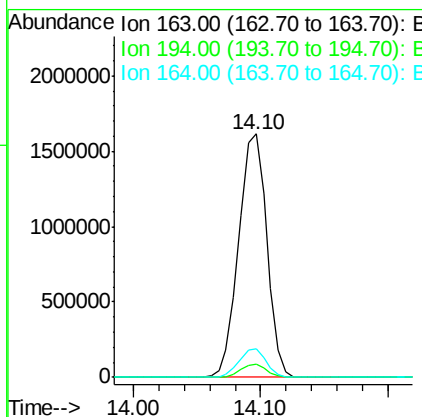
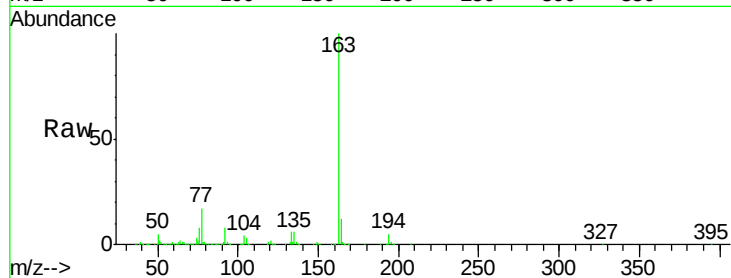




#49
Dimethylphthalate
Concen: 57.96 ng
RT: 14.10 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

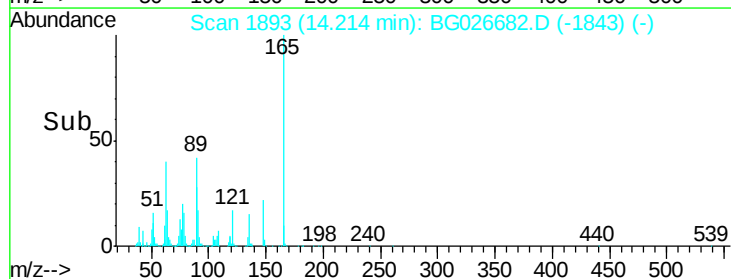
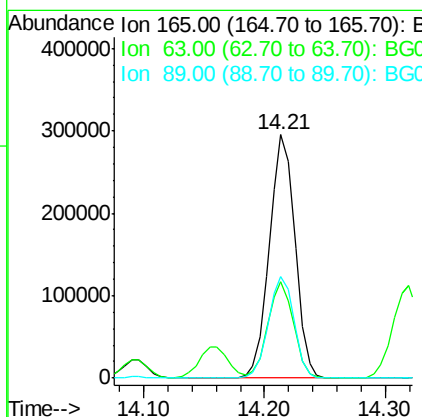
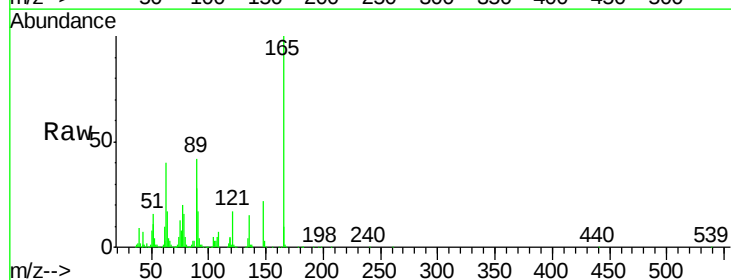
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

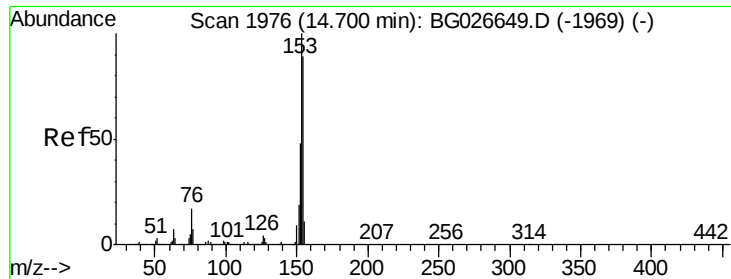
Tot Ion:163 Resp: 2484185
Ion Ratio Lower Upper
163 100
194 5.4 3.8 5.6
164 11.8 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 43.04 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:165 Resp: 431347
Ion Ratio Lower Upper
165 100
63 39.7 63.9 95.9#
89 41.9 58.6 88.0#





#51

Acenaphthene

Concen: 41.56 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

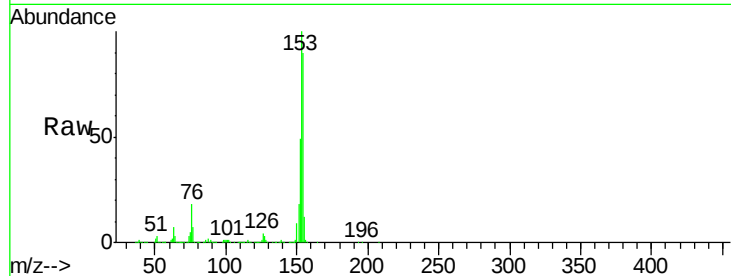
Tot Ion:154 Resp: 1418172

Ion Ratio Lower Upper

154 100

153 110.7 87.8 131.6

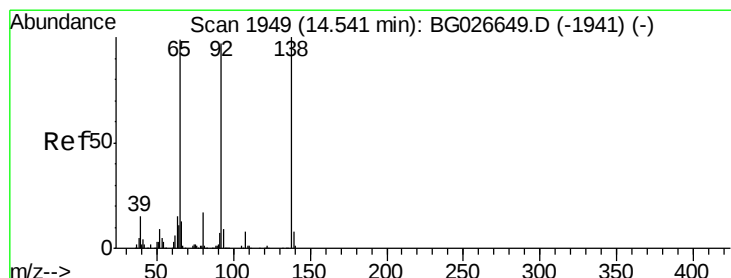
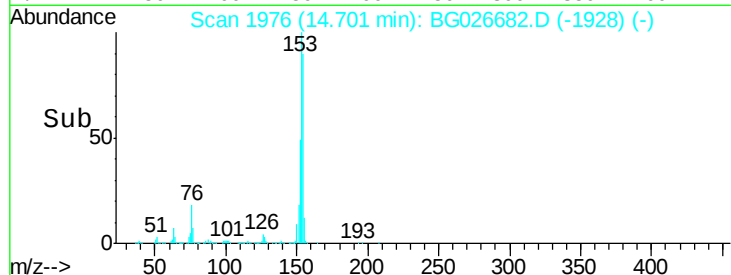
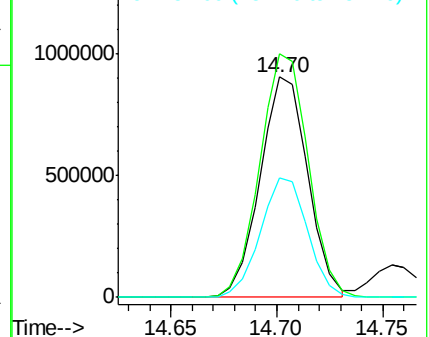
152 54.1 42.2 63.4



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: 35.53 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

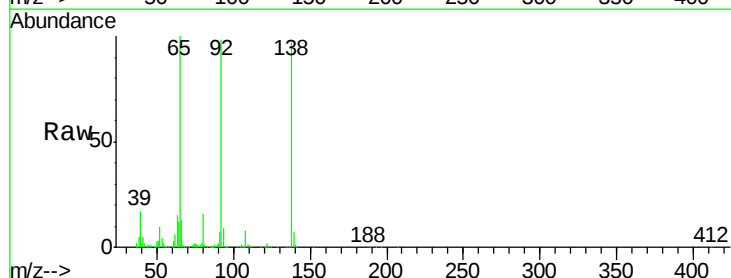
Tgt Ion:138 Resp: 388351

Ion Ratio Lower Upper

138 100

108 8.7 10.9 16.3#

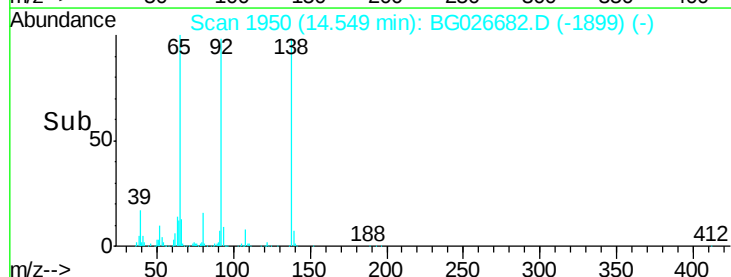
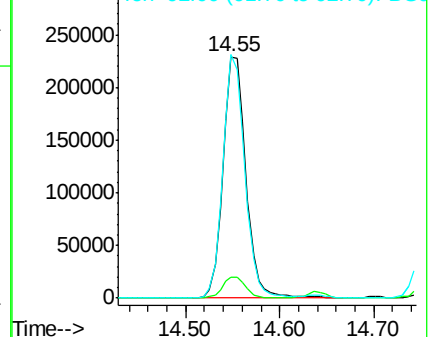
92 101.0 115.3 172.9#

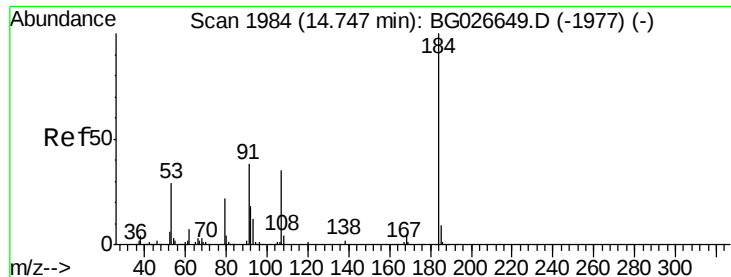


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

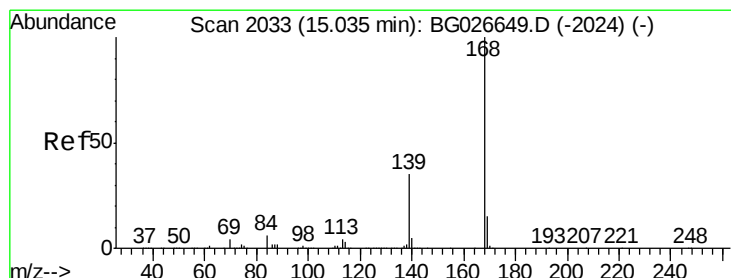
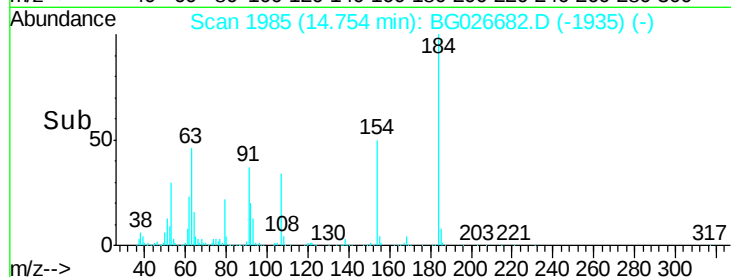
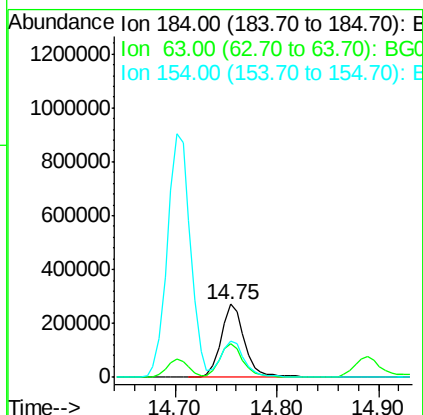
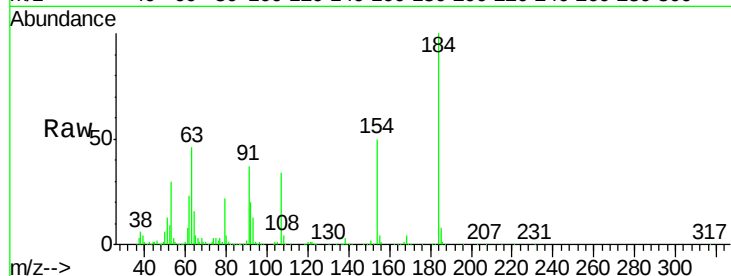




#53
2,4-Dinitrophenol
Concen: 74.87 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

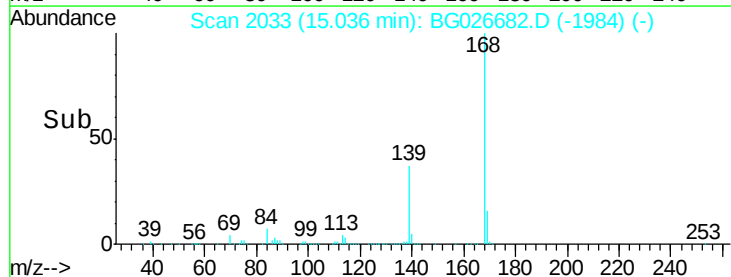
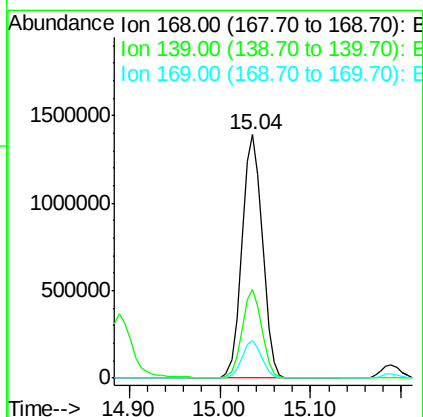
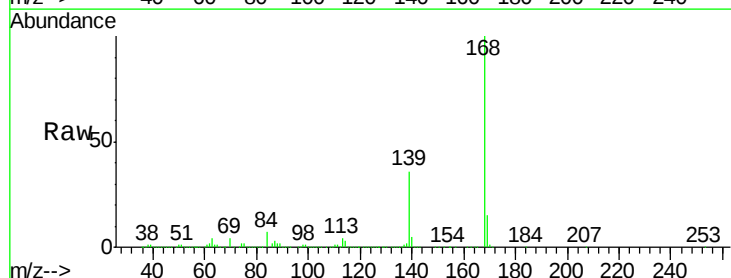
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

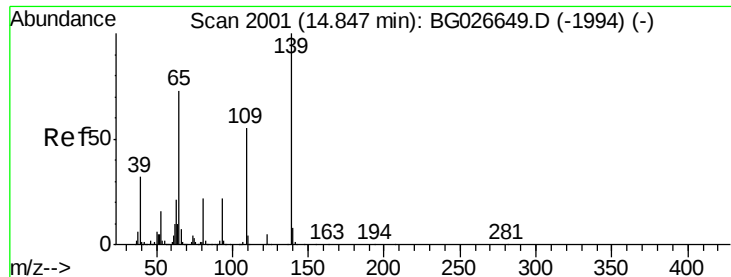
Tot Ion:184 Resp: 441812
Ion Ratio Lower Upper
184 100
63 46.3 52.7 79.1#
154 49.9 57.3 85.9#



#54
Dibenzofuran
Concen: 40.82 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:168 Resp: 2170750
Ion Ratio Lower Upper
168 100
139 36.5 35.3 52.9
169 15.5 11.5 17.3

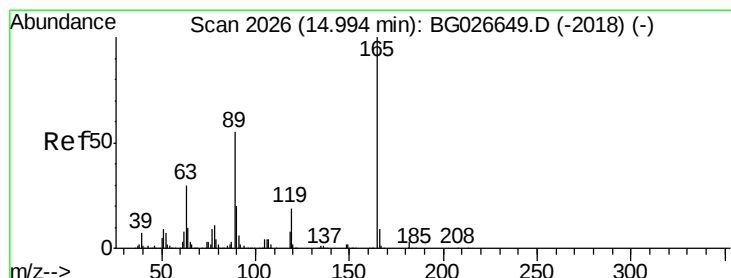
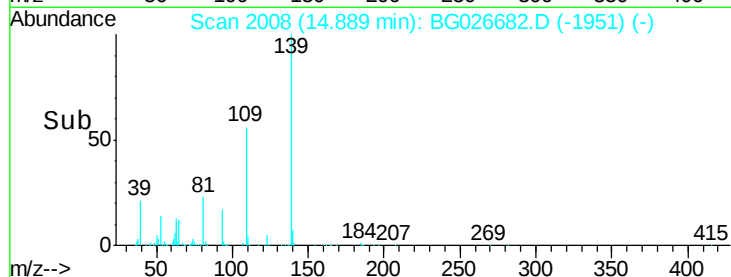
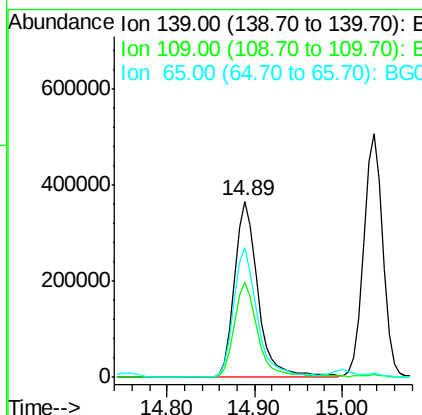
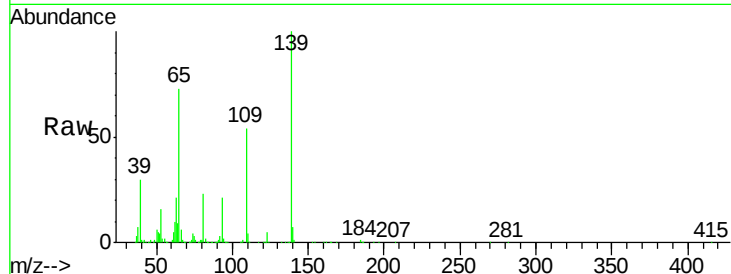




#55
4-Nitrophenol
Concen: 72.41 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

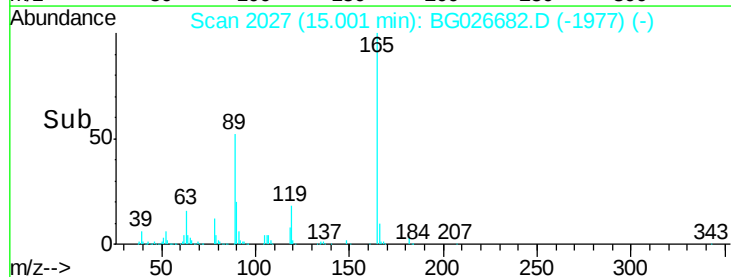
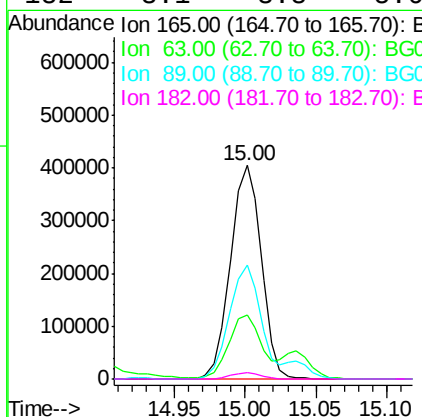
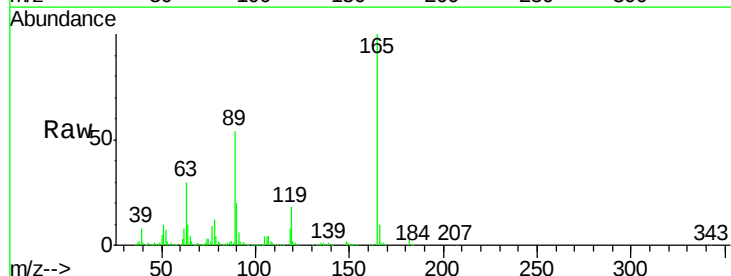
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

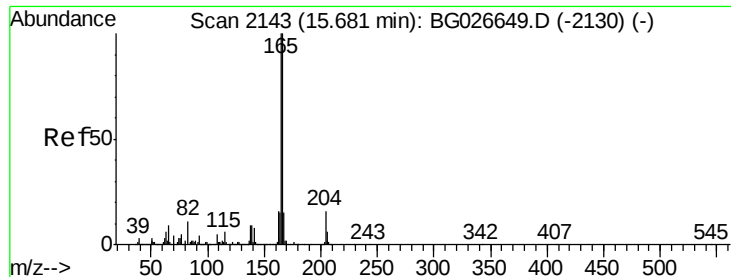
Tot Ion:139 Resp: 668191
Ion Ratio Lower Upper
139 100
109 54.0 101.2 141.2#
65 73.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 43.35 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:165 Resp: 616970
Ion Ratio Lower Upper
165 100
63 30.1 44.0 66.0#
89 53.5 67.3 100.9#
182 3.1 3.8 5.6#





#57

Fluorene

Concen: 41.11 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

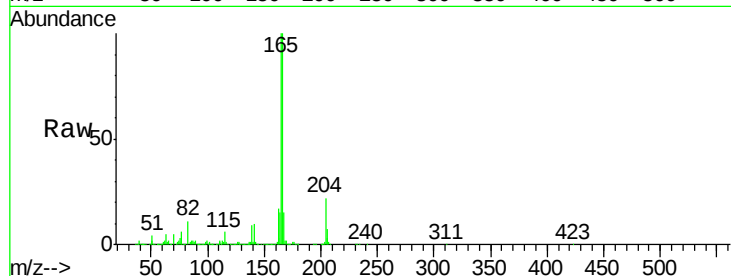
BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

Tot Ion:166 Resp: 1799995

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	117.8
167	14.8	11.6	17.4

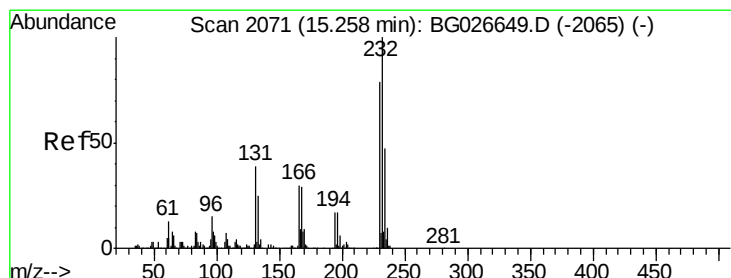
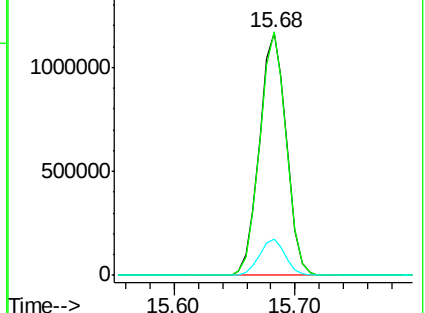
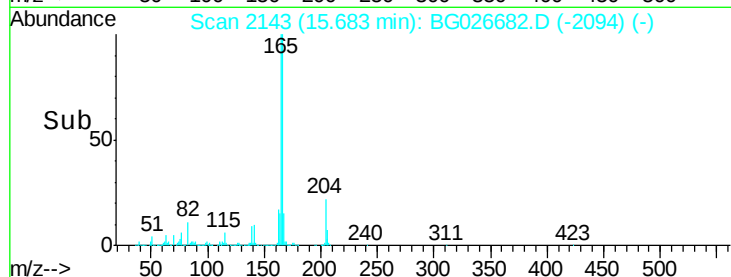


Abundance

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: 40.22 ng

RT: 15.27 min Scan# 2073

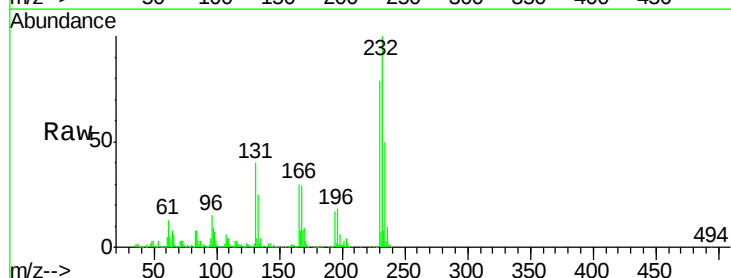
Delta R.T. -0.00 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Tgt Ion:232 Resp: 513641

Ion	Ratio	Lower	Upper
232	100		
131	39.8	34.9	52.3
130	2.2	2.3	3.5#
166	29.8	24.2	36.4



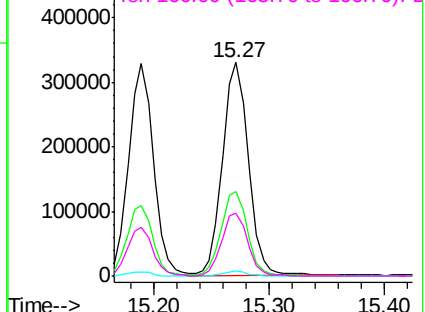
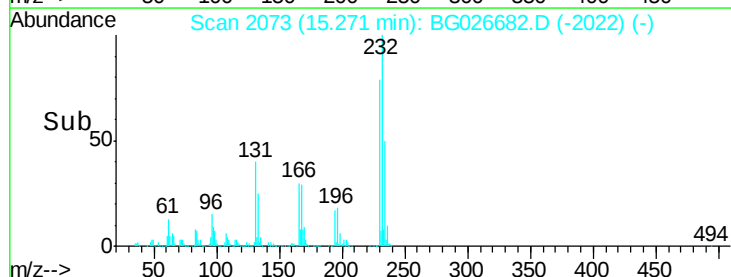
Abundance

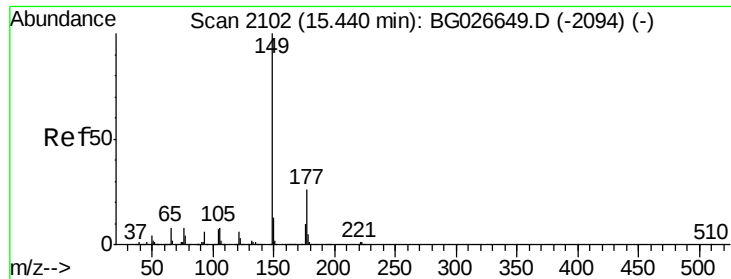
Ion 232.00 (231.70 to 232.70): E

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: 40.26 ng

RT: 15.45 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

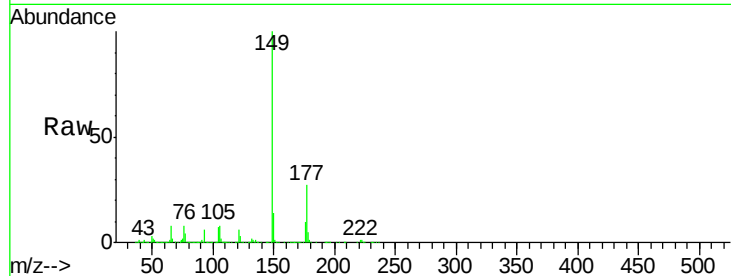
Tot Ion:149 Resp: 1754337

Ion Ratio Lower Upper

149 100

177 26.9 20.1 30.1

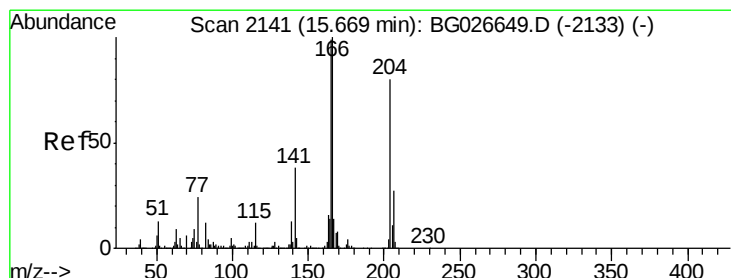
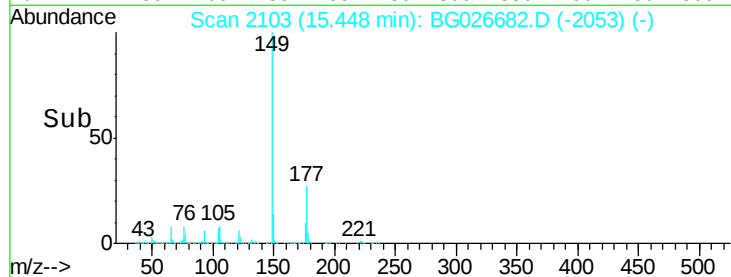
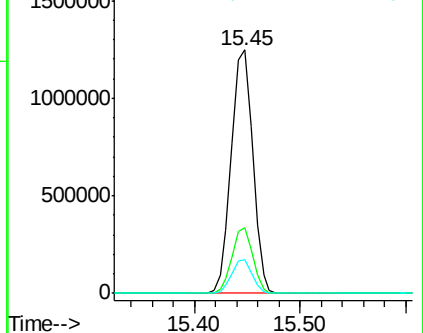
150 14.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.86 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

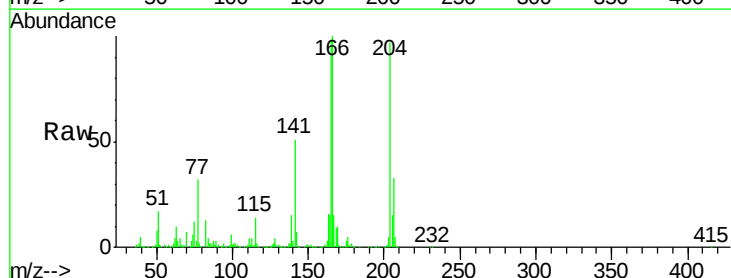
Tgt Ion:204 Resp: 914844

Ion Ratio Lower Upper

204 100

206 34.6 30.1 45.1

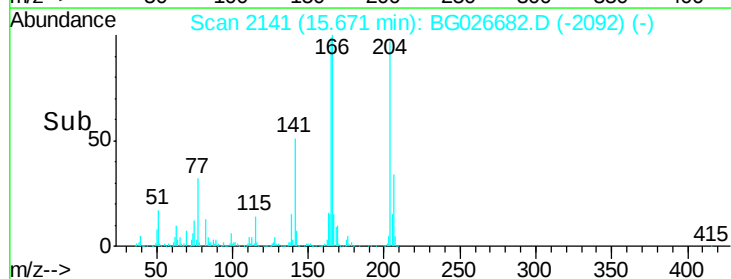
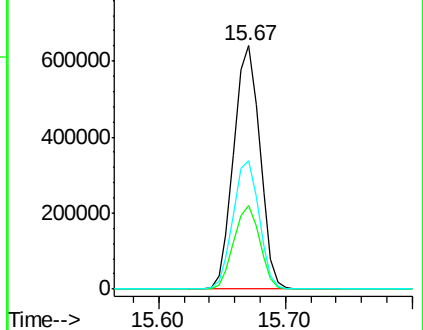
141 52.6 50.6 76.0

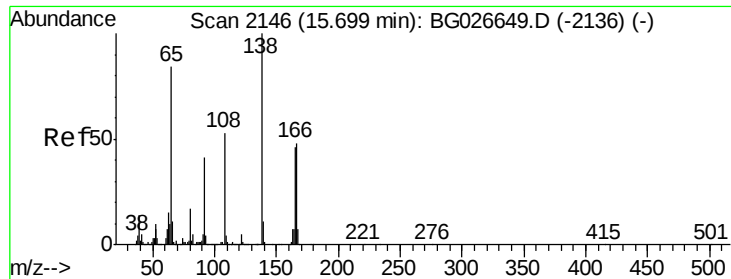


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.38 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

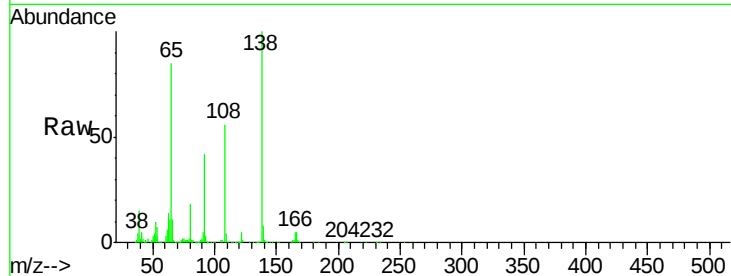
Tot Ion:138 Resp: 459075

Ion Ratio Lower Upper

138 100

92 42.0 44.2 84.2#

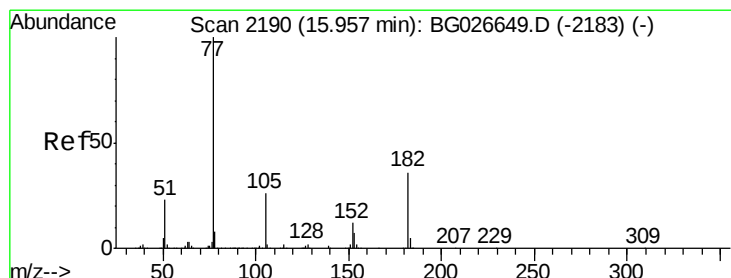
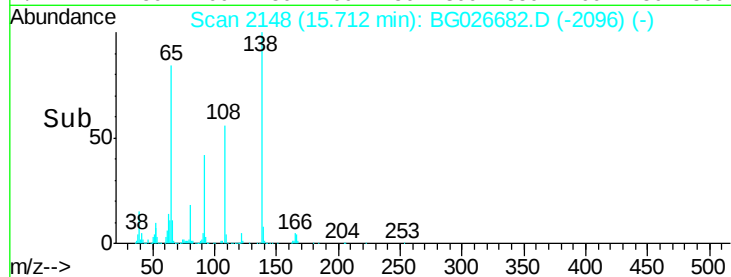
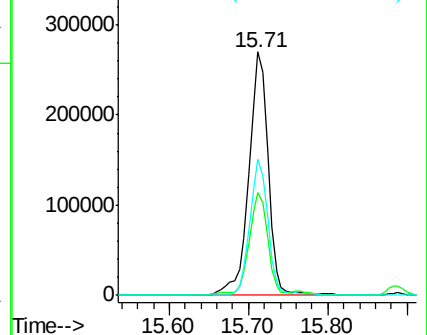
108 55.7 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.79 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Tgt Ion: 77 Resp: 1404851

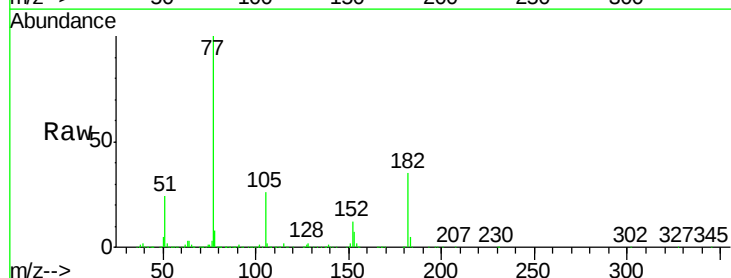
Ion Ratio Lower Upper

77 100

182 35.1 4.7 44.7

105 26.1 0.0 36.3

51 23.8 16.4 56.4

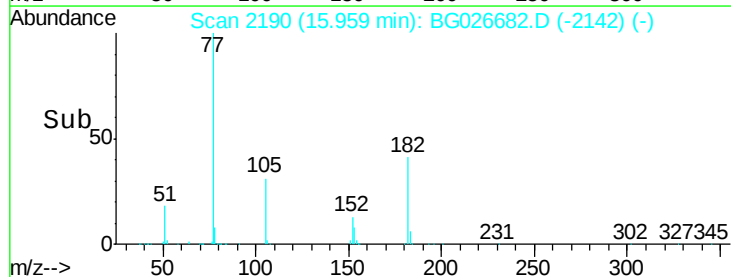
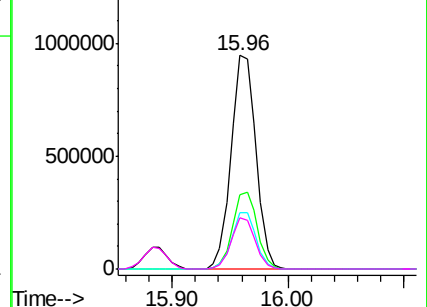


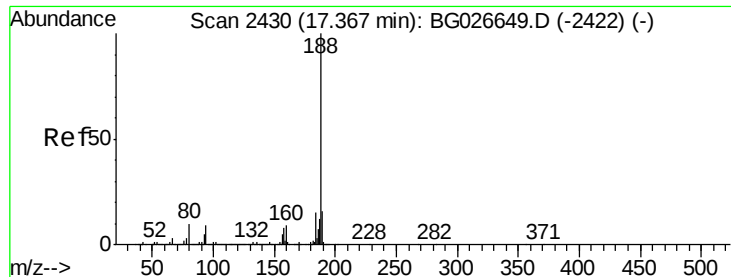
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

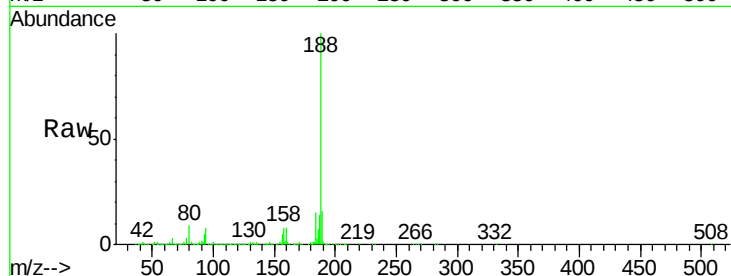
Tot Ion:188 Resp: 1260733

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

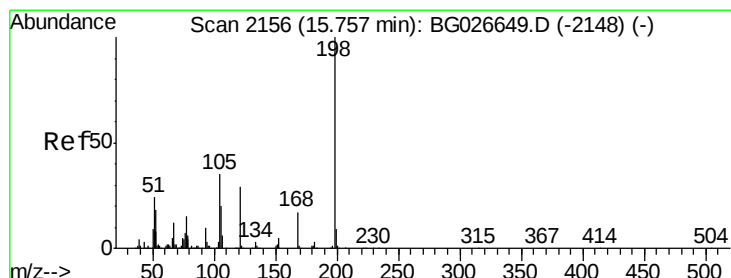
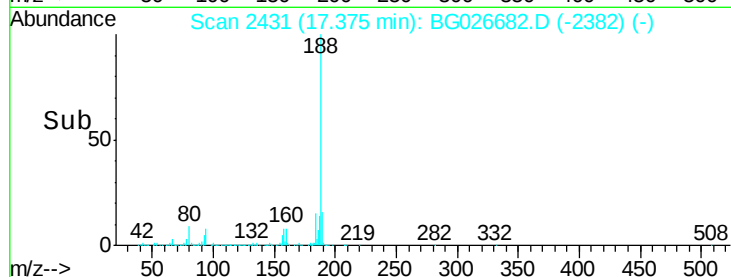
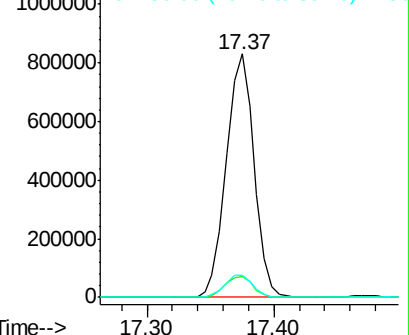
80 8.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.86 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

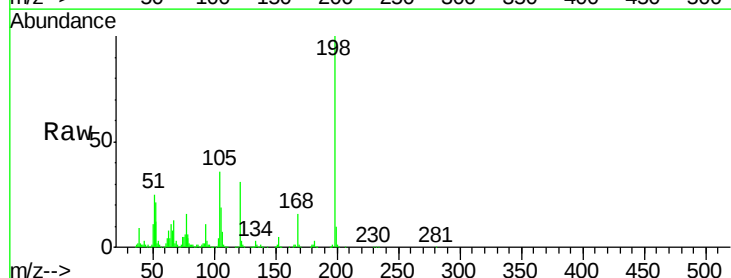
Tgt Ion:198 Resp: 381929

Ion Ratio Lower Upper

198 100

51 25.2 22.6 62.6

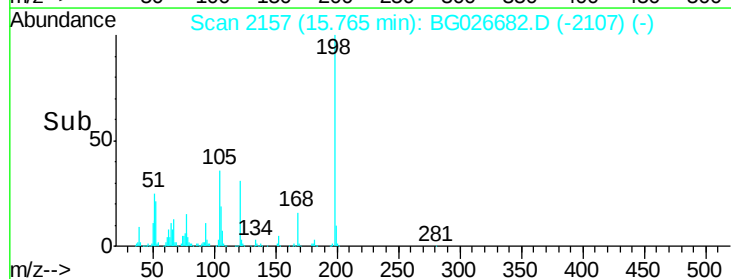
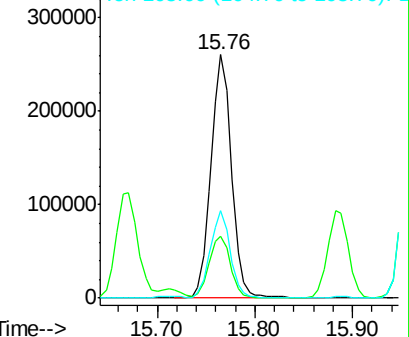
105 35.9 14.4 54.4

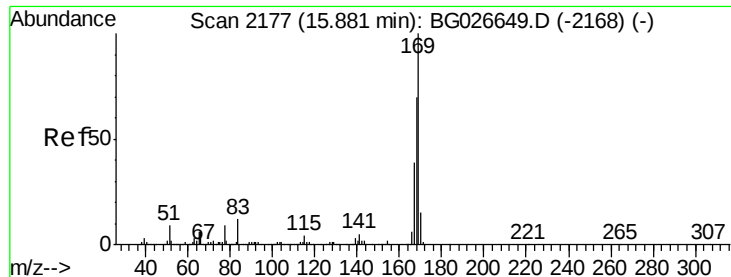


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

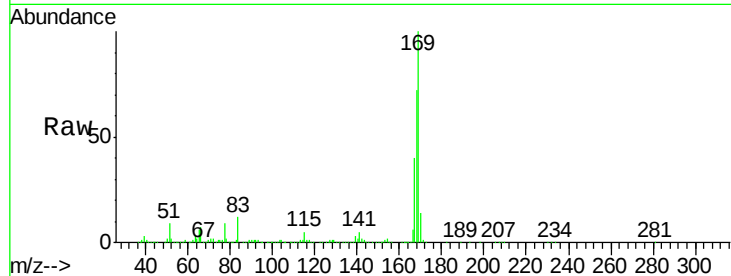




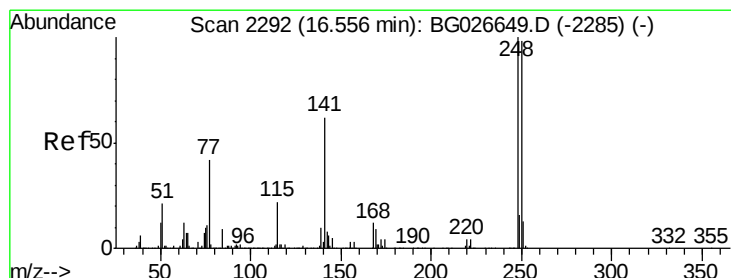
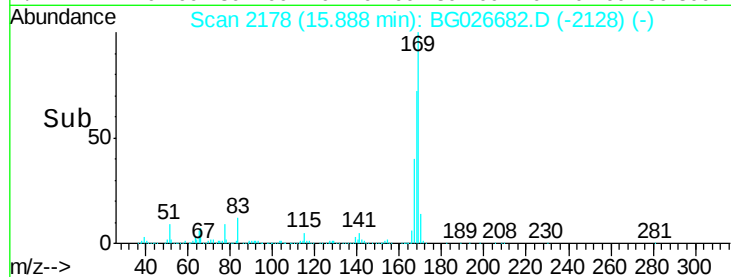
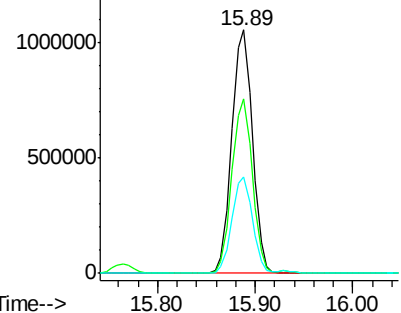
#65
n-Nitrosodiphenylamine
Concen: 42.55 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

Tot Ion:169 Resp: 1547551
Ion Ratio Lower Upper
169 100
168 71.8 55.7 83.5
167 39.6 29.8 44.6

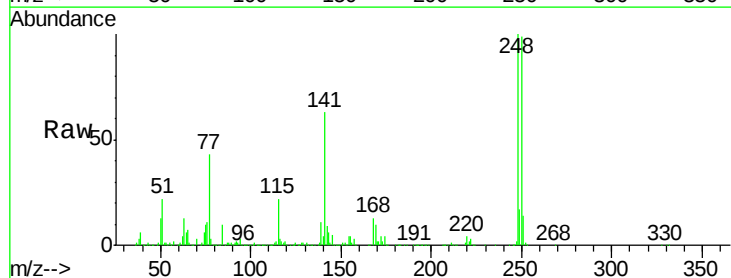


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

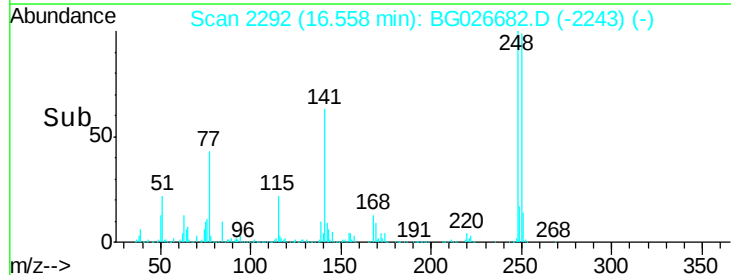
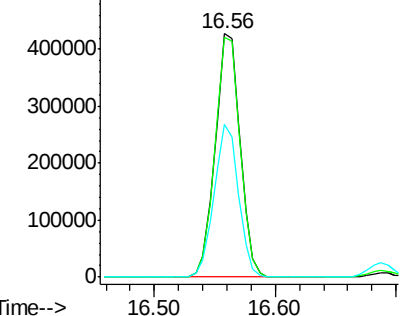


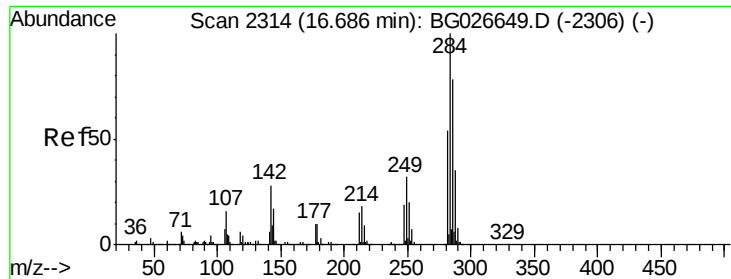
#66
4-Bromophenyl-phenylether
Concen: 44.52 ng
RT: 16.56 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:248 Resp: 613314
Ion Ratio Lower Upper
248 100
250 98.7 75.0 112.6
141 62.8 55.2 82.8



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





#67

Hexachlorobenzene

Concen: 43.59 ng

RT: 16.69 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

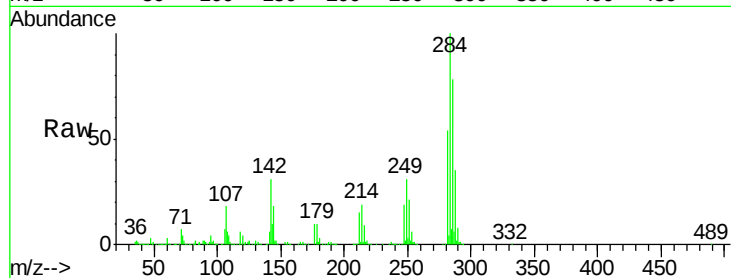
Tot Ion:284 Resp: 660206

Ion Ratio Lower Upper

284 100

142 30.5 29.9 44.9

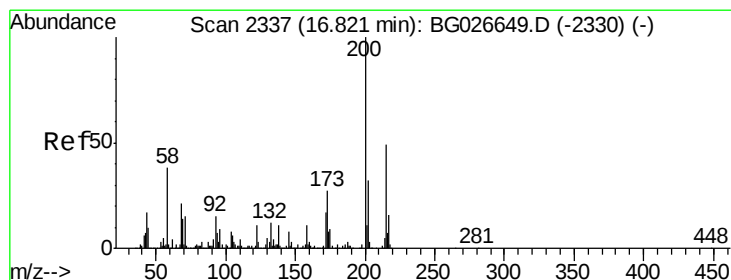
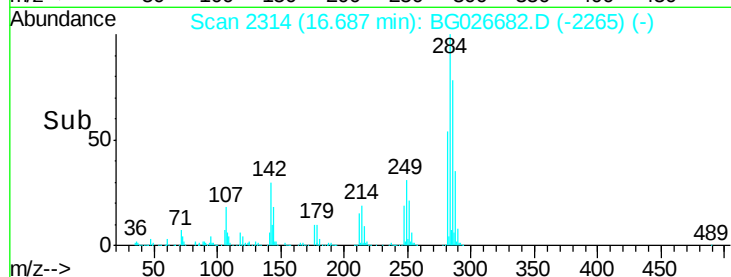
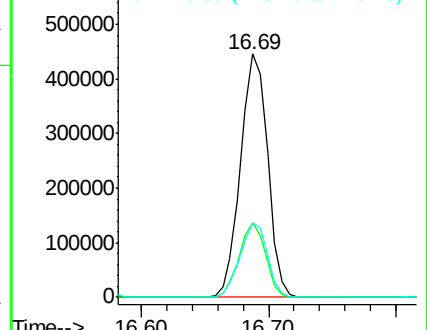
249 30.9 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.93 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

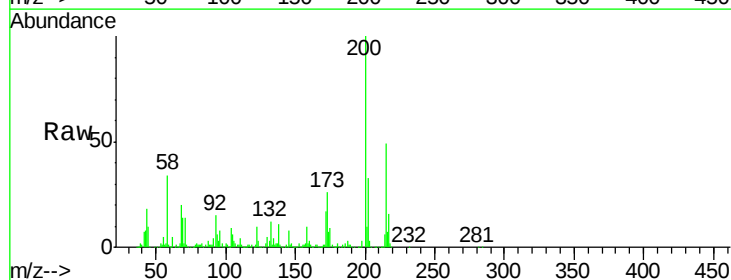
Tgt Ion:200 Resp: 525165

Ion Ratio Lower Upper

200 100

173 26.4 3.0 43.0

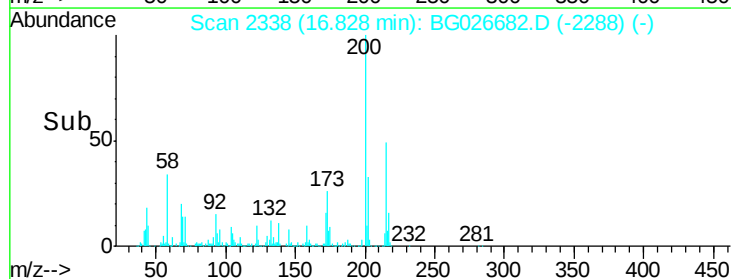
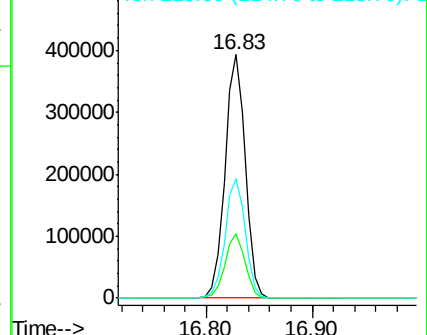
215 49.3 28.4 68.4

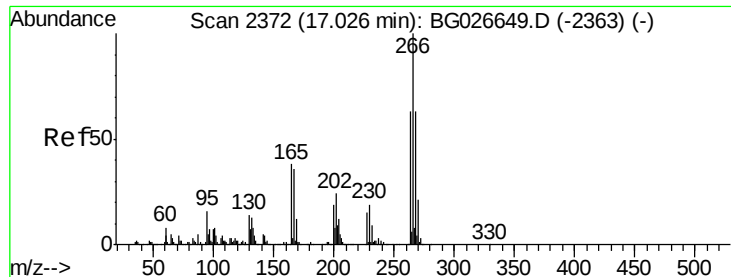


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

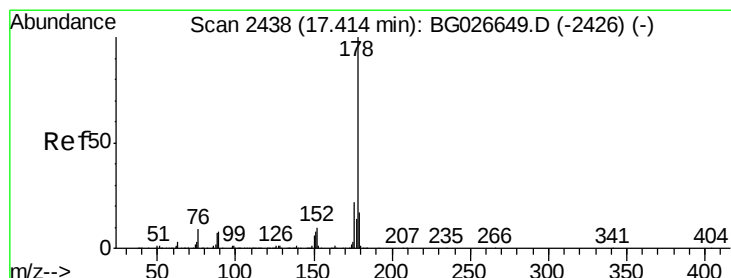
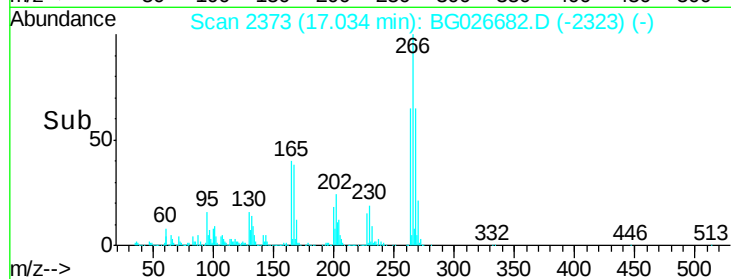
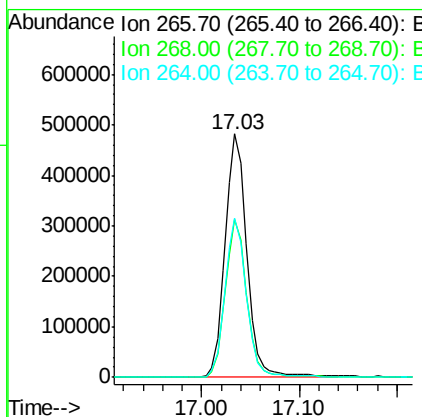
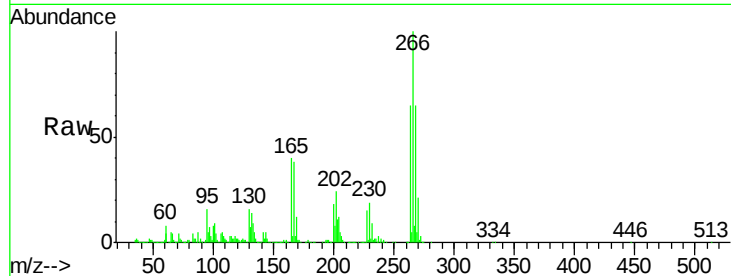




#69
 Pentachlorophenol
 Concen: 81.77 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

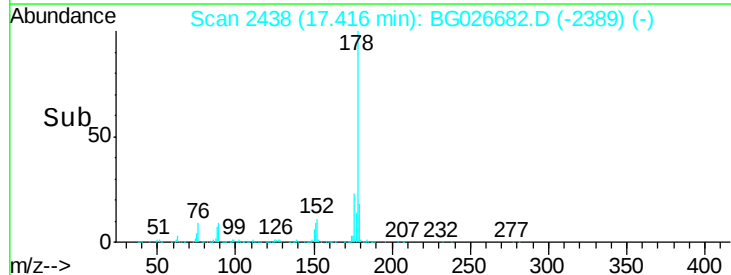
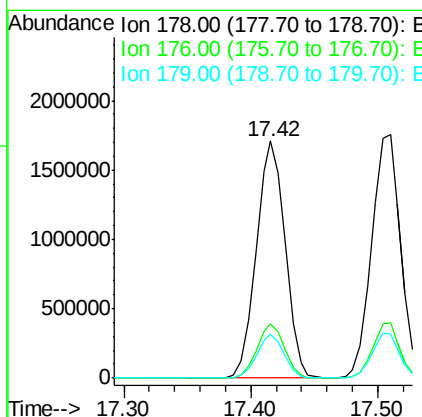
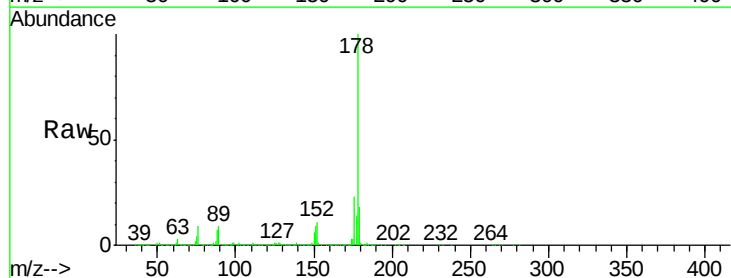
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

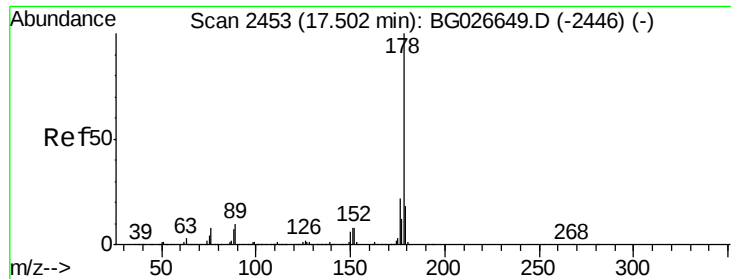
Tot Ion:266 Resp: 748141
 Ion Ratio Lower Upper
 266 100
 268 64.7 48.6 72.8
 264 65.5 50.1 75.1



#70
 Phenanthrene
 Concen: 41.58 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion:178 Resp: 2699268
 Ion Ratio Lower Upper
 178 100
 176 23.0 17.7 26.5
 179 18.5 15.0 22.6

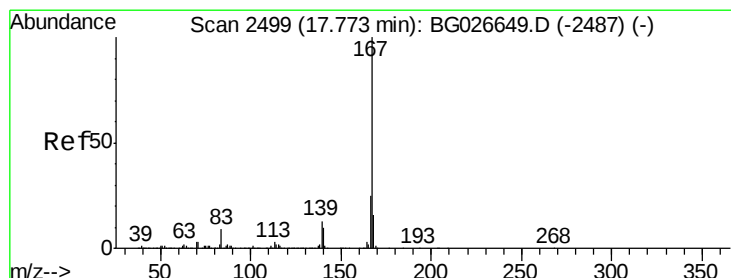
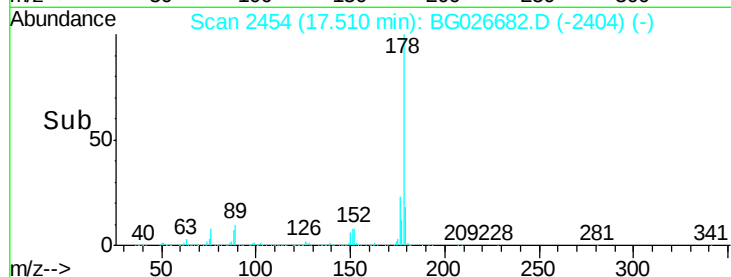
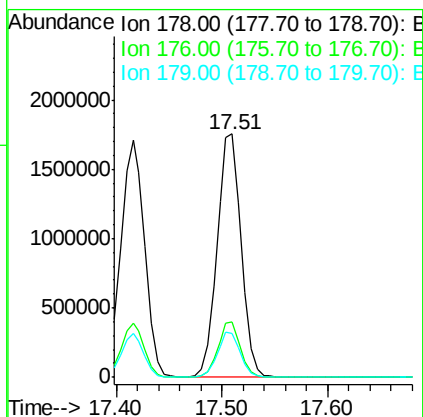
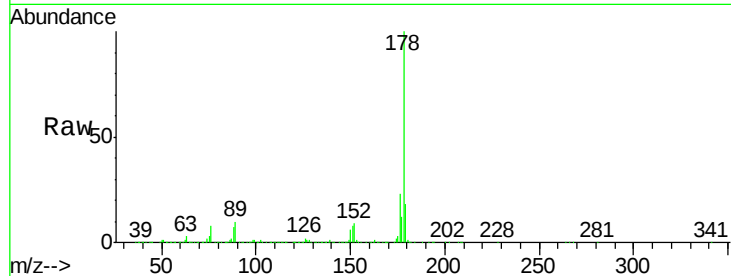




#71
 Anthracene
 Concen: 41.47 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

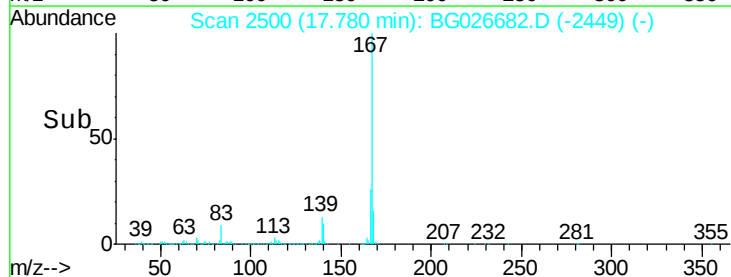
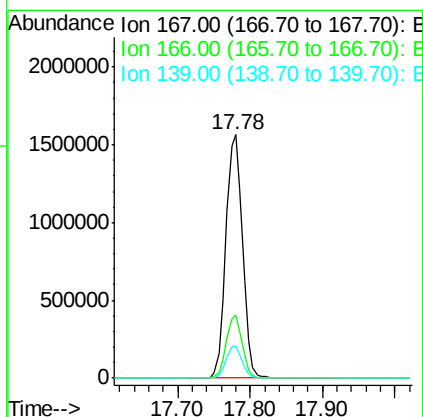
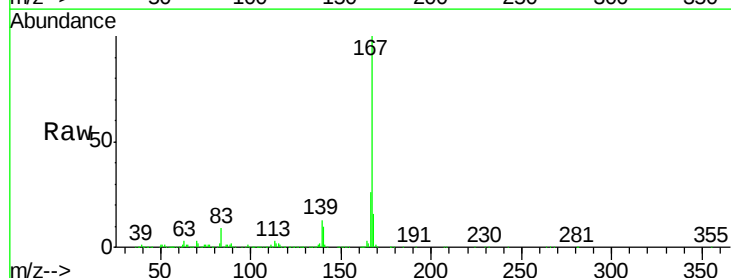
Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPCMS

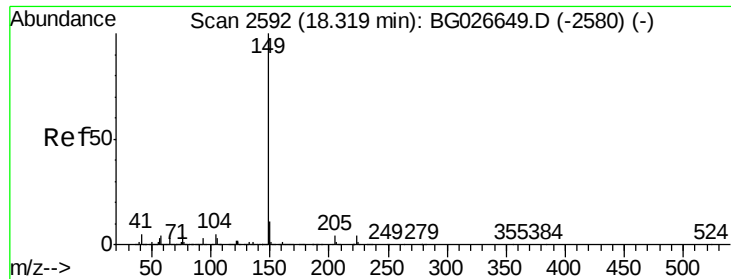
Tot Ion:178 Resp: 2781505
 Ion Ratio Lower Upper
 178 100
 176 22.9 16.4 24.6
 179 18.3 13.8 20.8



#72
 Carbazole
 Concen: 38.86 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG026682.D
 Acq: 20 Apr 2017 19:29

Tgt Ion:167 Resp: 2495989
 Ion Ratio Lower Upper
 167 100
 166 25.7 20.2 30.2
 139 13.3 12.8 19.2





#73

Di-n-butylphthalate

Concen: 39.45 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

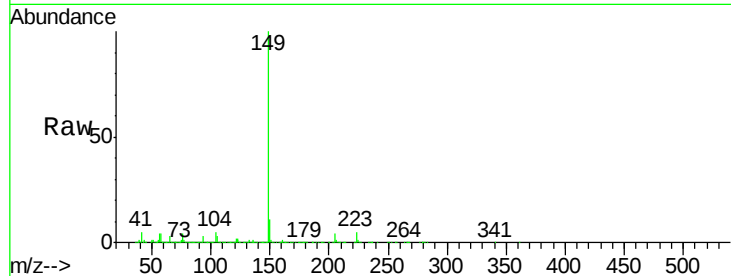
Tot Ion:149 Resp: 2841570

Ion Ratio Lower Upper

149 100

150 11.5 9.1 13.7

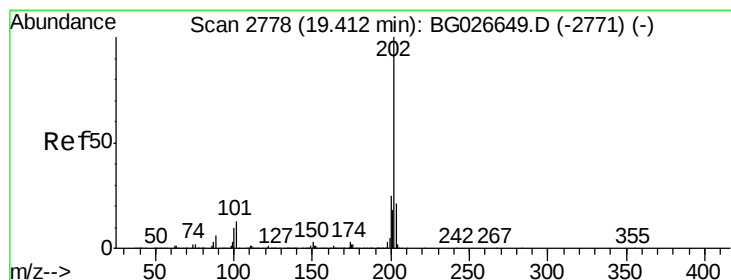
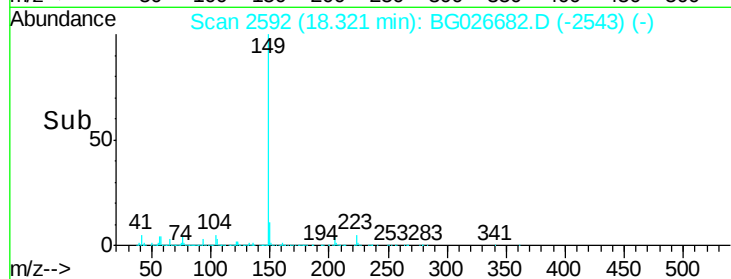
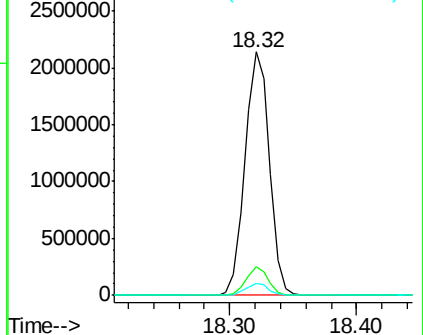
104 4.9 6.7 10.1#



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: 38.84 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

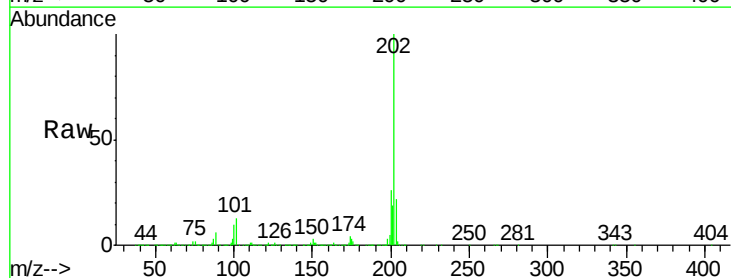
Tgt Ion:202 Resp: 2922982

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.1

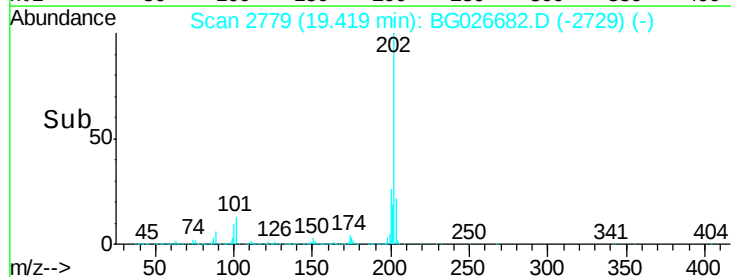
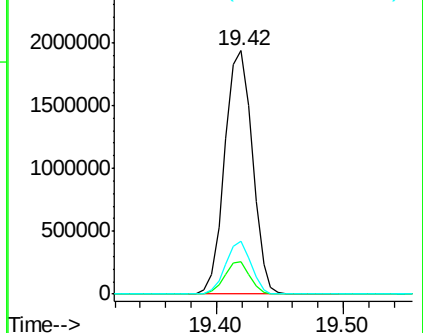
203 21.5 1.3 41.3

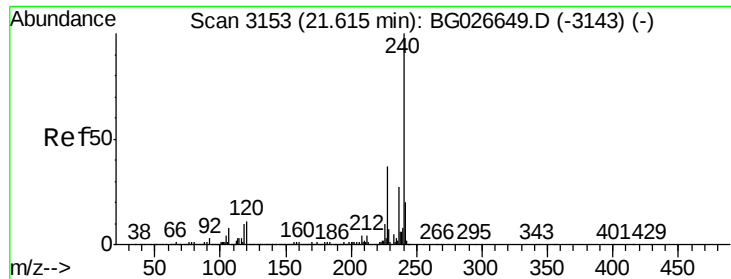


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

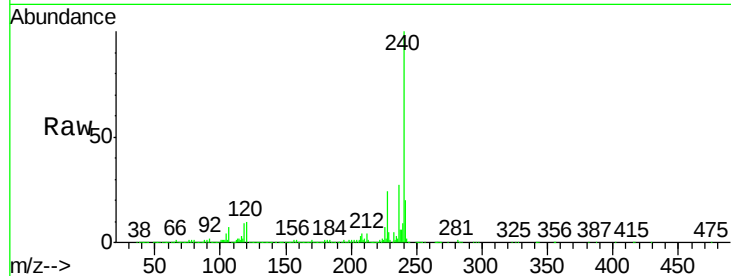
Tot Ion:240 Resp: 1300222

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

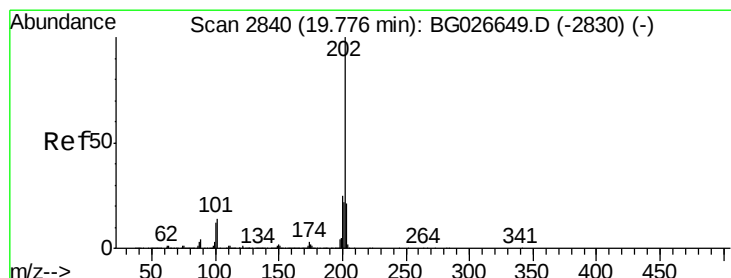
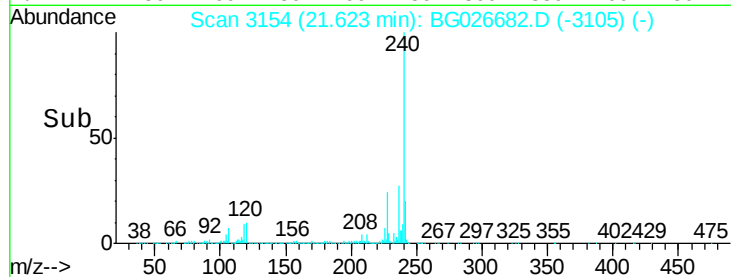
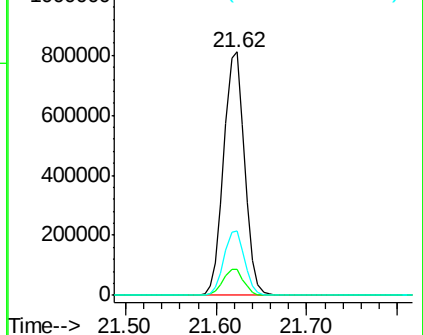
236 26.5 22.2 33.4



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



#77

Pyrene

Concen: 42.05 ng

RT: 19.78 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

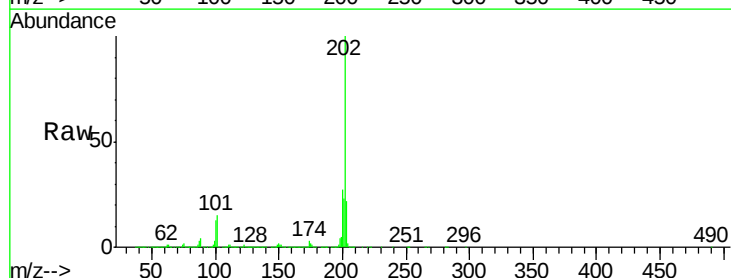
Tgt Ion:202 Resp: 2943164

Ion Ratio Lower Upper

202 100

200 26.6 19.6 29.4

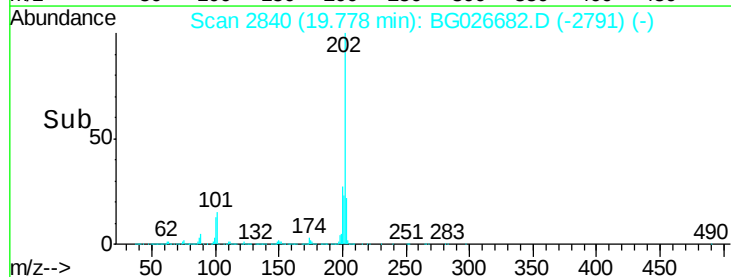
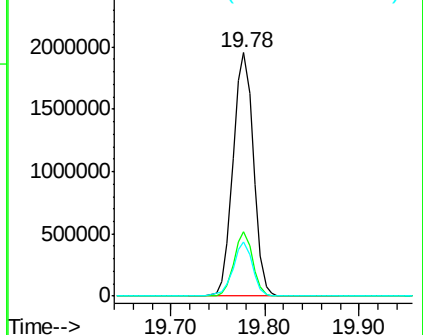
203 22.1 15.8 23.8

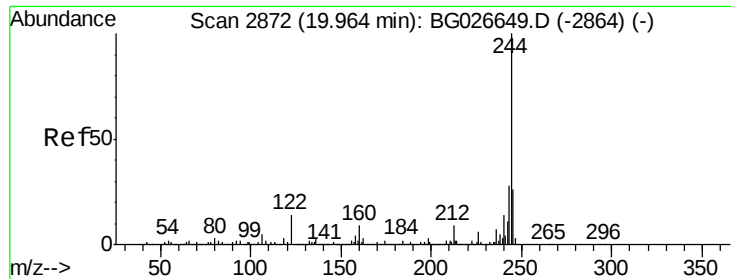


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.59 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

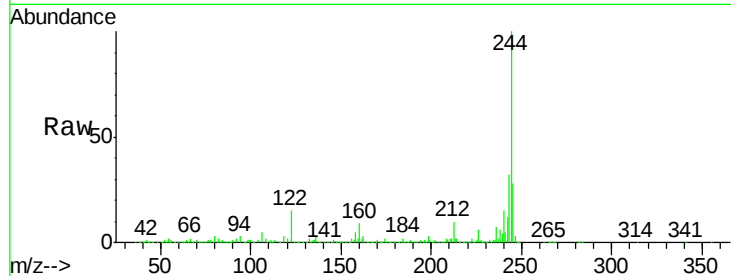
Tot Ion:244 Resp: 3681350

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

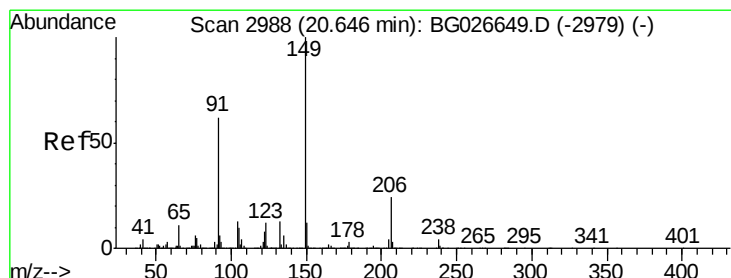
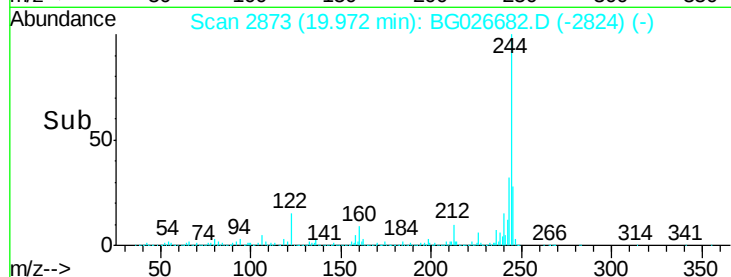
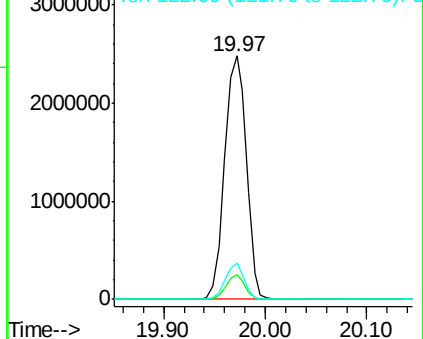
122 14.8 8.6 12.8#



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: 42.90 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

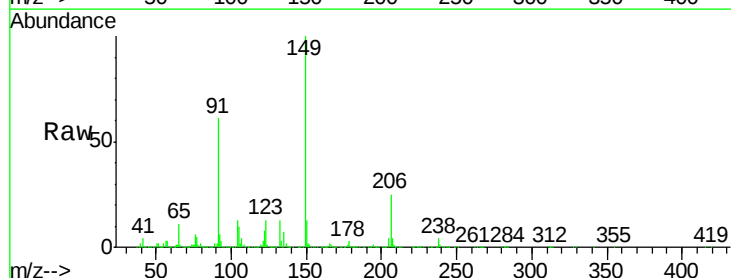
Tgt Ion:149 Resp: 1292138

Ion Ratio Lower Upper

149 100

91 61.5 63.5 95.3#

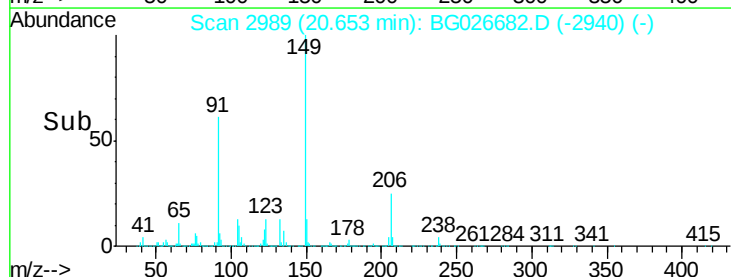
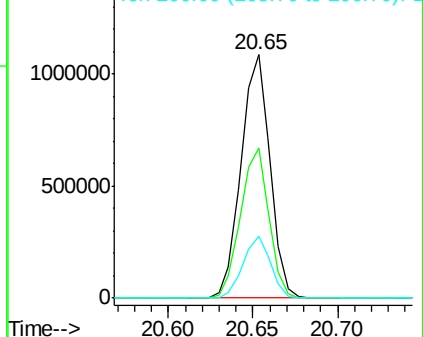
206 25.4 21.0 31.6

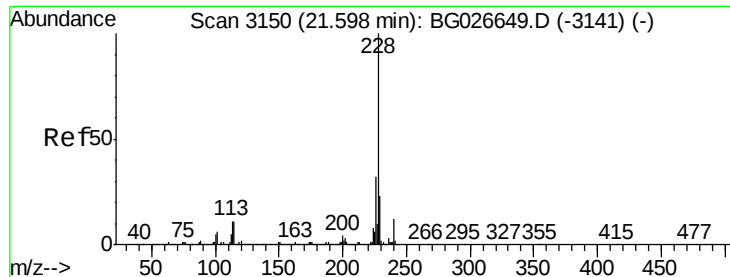


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.44 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

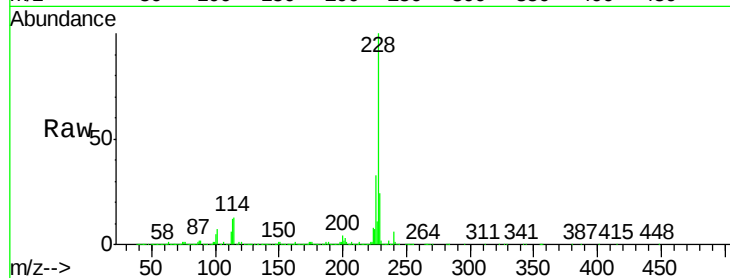
Tot Ion:228 Resp: 2910560

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.9	37.3
229	24.1	18.2	27.2

228 100

226 32.8 24.9 37.3

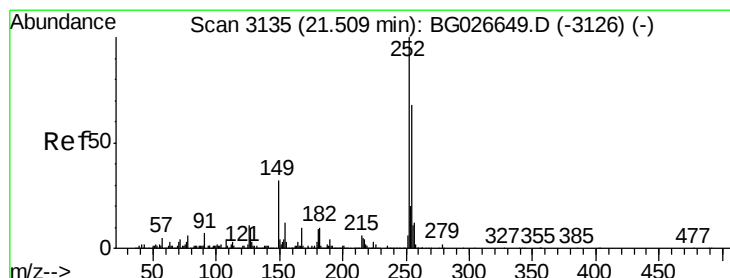
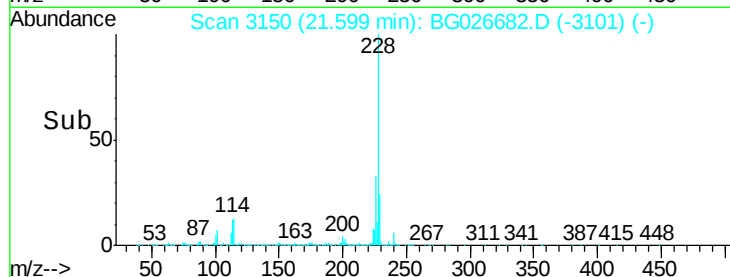
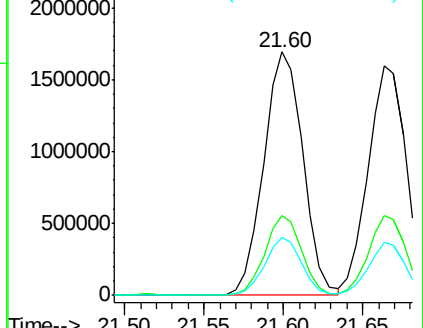
229 24.1 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.68 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

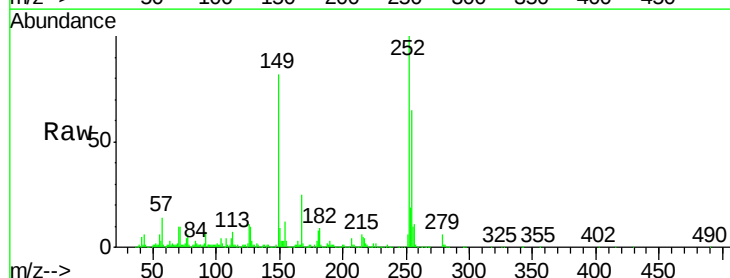
Tgt Ion:252 Resp: 689610

Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.1	79.7
126	10.5	7.0	10.4

252 100

254 65.5 53.1 79.7

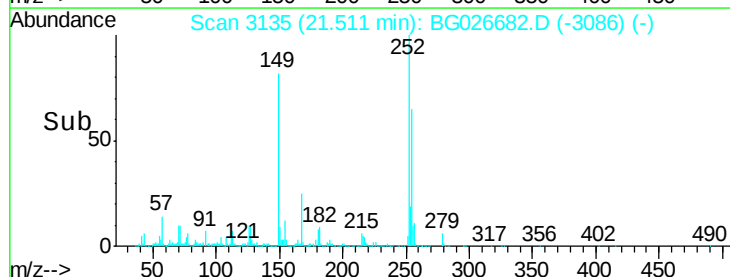
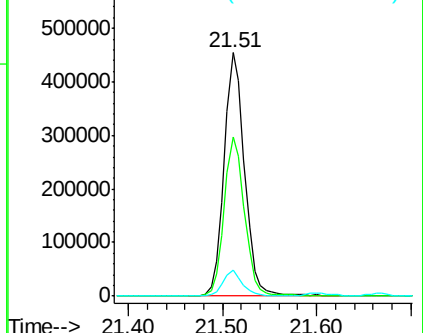
126 10.5 7.0 10.4#

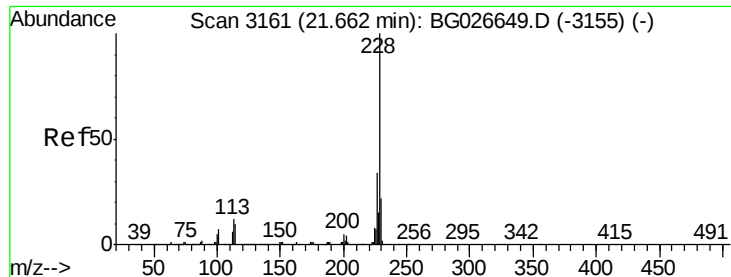


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

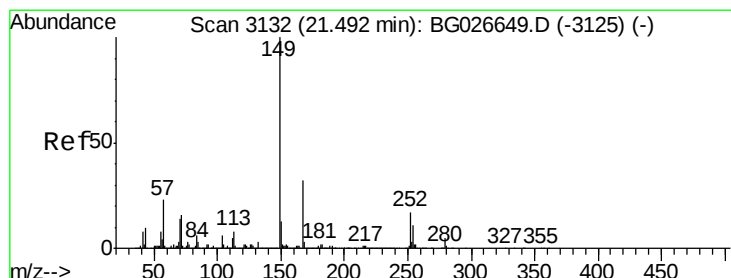
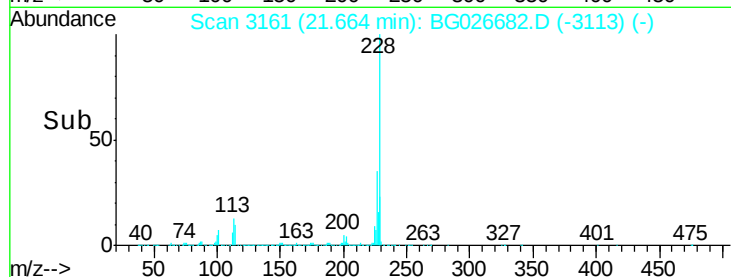
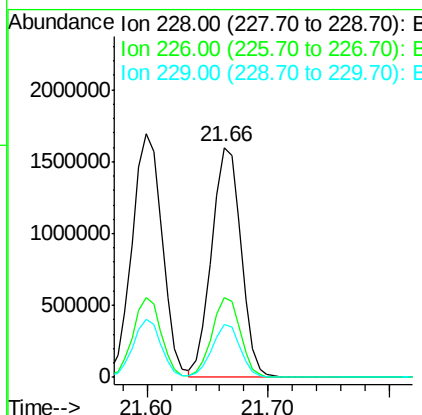
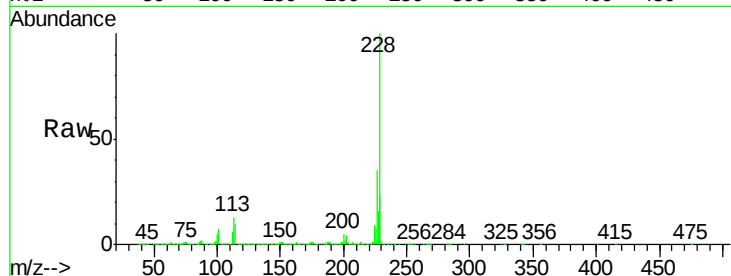




#82
Chrysene
Concen: 41.44 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

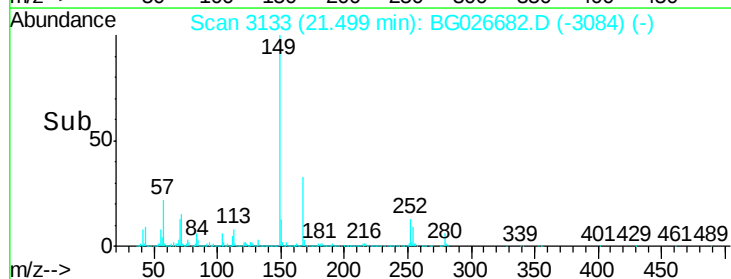
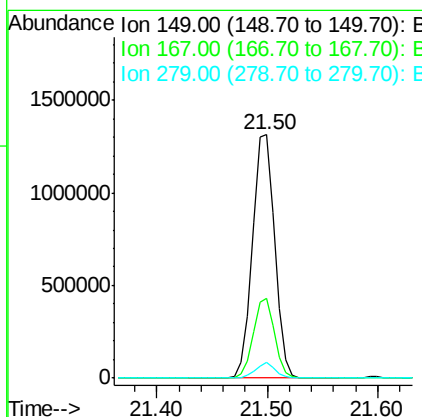
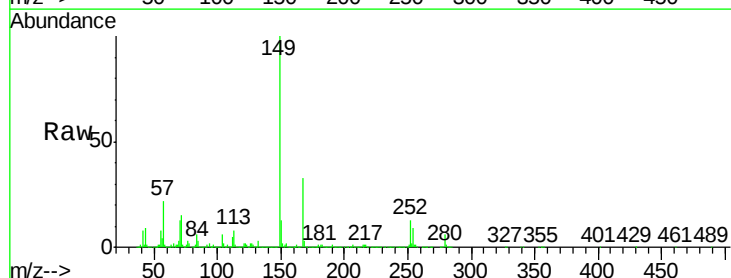
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

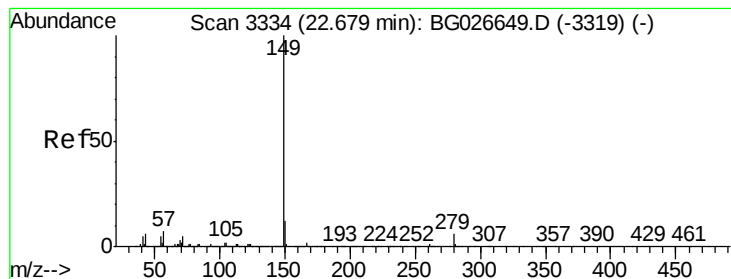
Tot Ion:228 Resp: 2677584
Ion Ratio Lower Upper
228 100
226 34.9 27.0 40.4
229 23.1 17.8 26.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 42.90 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:149 Resp: 1862266
Ion Ratio Lower Upper
149 100
167 33.0 23.7 35.5
279 6.3 4.6 6.8





#84

Di-n-octyl phthalate

Concen: 42.81 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.03 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

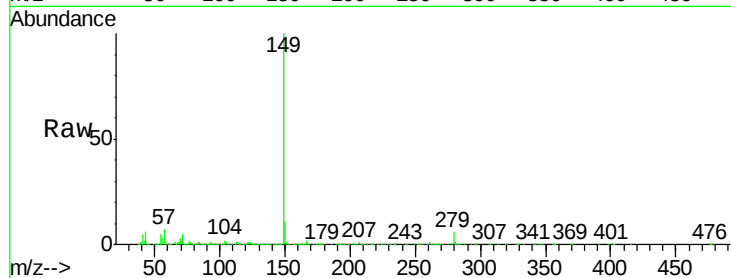
Tot Ion:149 Resp: 3102522

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

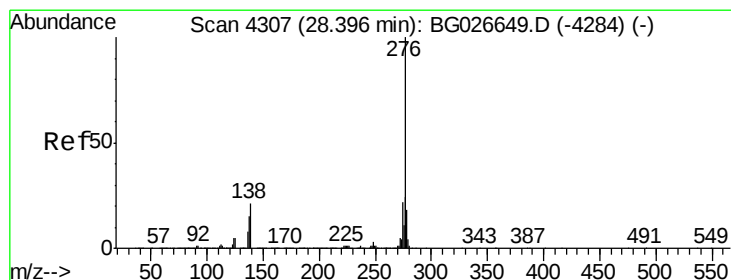
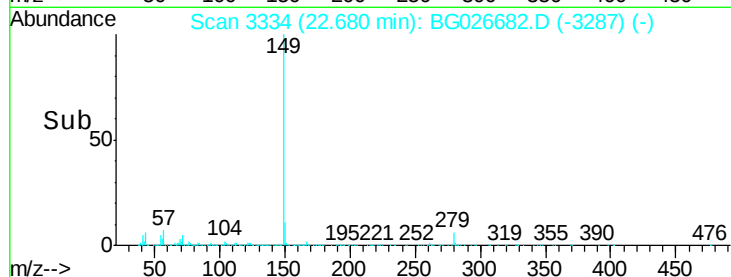
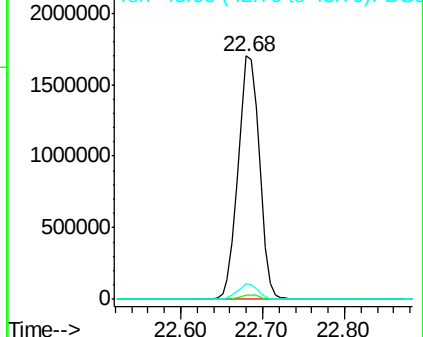
43 5.9 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.75 ng

RT: 28.41 min Scan# 4309

Delta R.T. -0.05 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

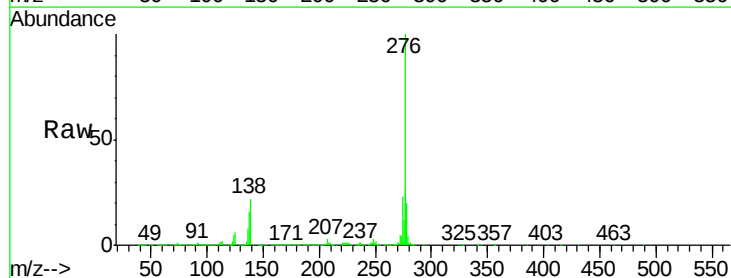
Tgt Ion:276 Resp: 3787702

Ion Ratio Lower Upper

276 100

138 26.1 4.7 7.1#

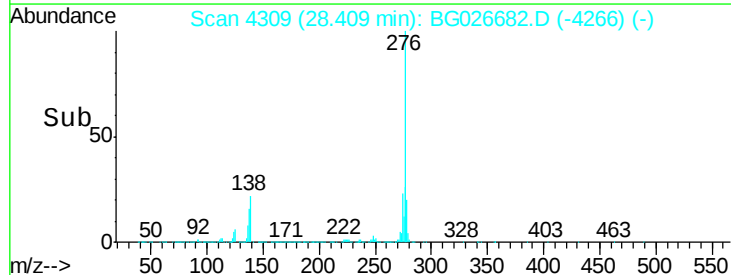
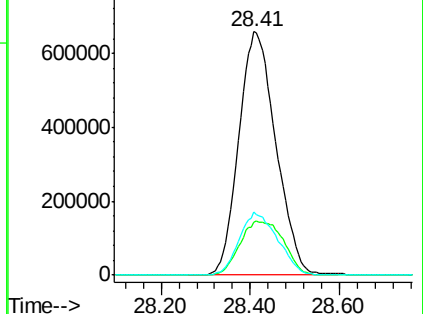
277 26.7 20.6 31.0

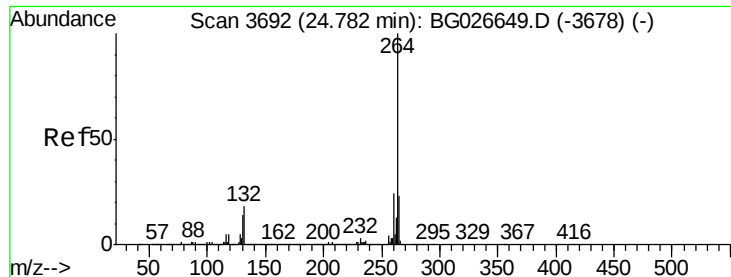


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

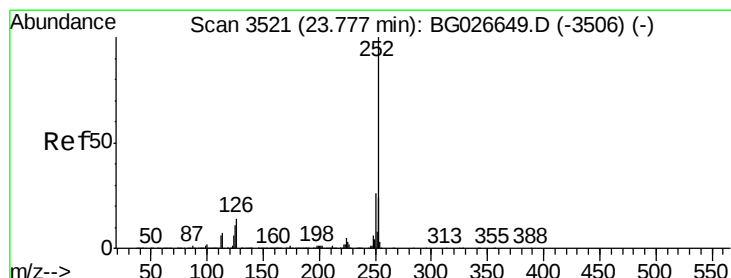
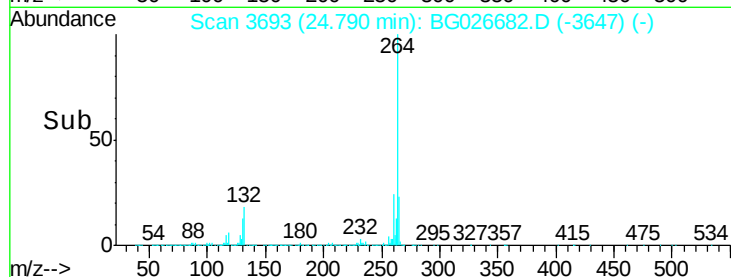
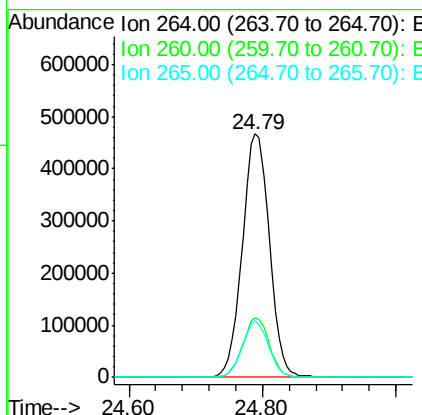
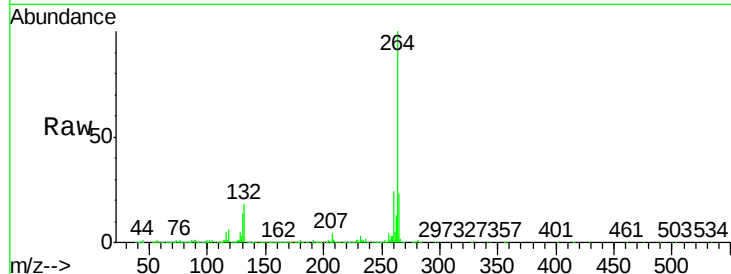




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.03 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

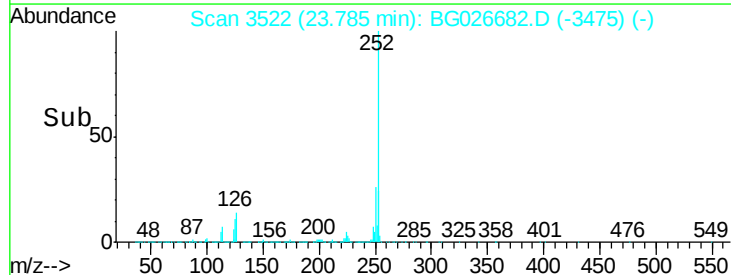
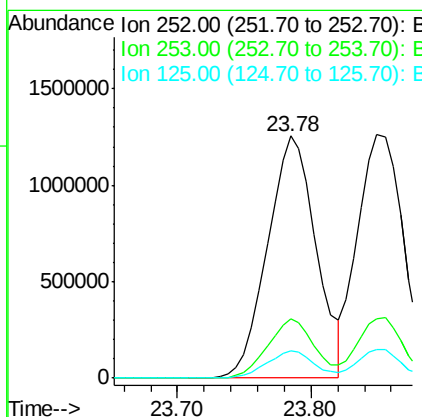
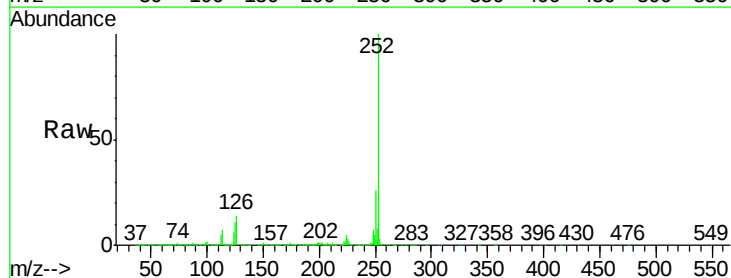
Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPCMS

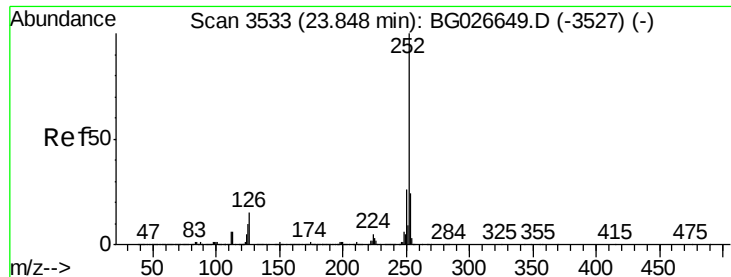
Tot Ion:264 Resp: 1296890
Ion Ratio Lower Upper
264 100
260 24.2 21.8 32.8
265 23.2 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 42.69 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.03 min
Lab File: BG026682.D
Acq: 20 Apr 2017 19:29

Tgt Ion:252 Resp: 3169755
Ion Ratio Lower Upper
252 100
253 24.4 18.7 28.1
125 11.1 5.3 7.9#





#88

Benzo(k)fluoranthene

Concen: 41.97 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.03 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

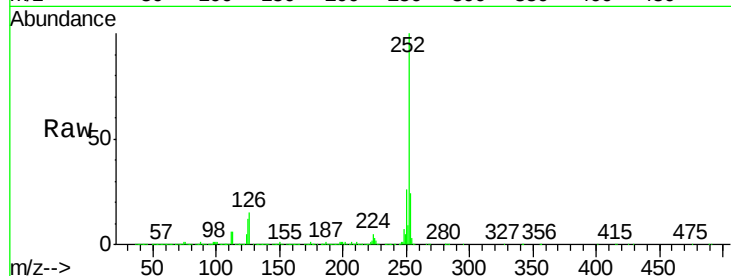
Tot Ion:252 Resp: 3003879

Ion Ratio Lower Upper

252 100

253 24.4 20.2 30.2

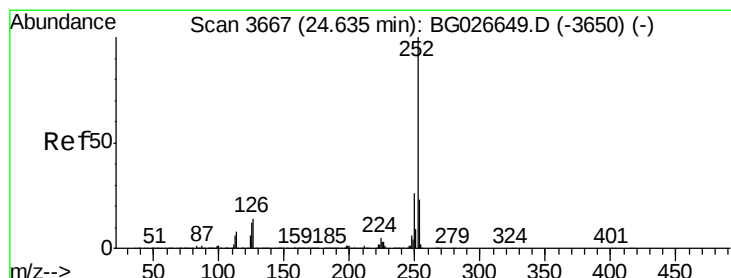
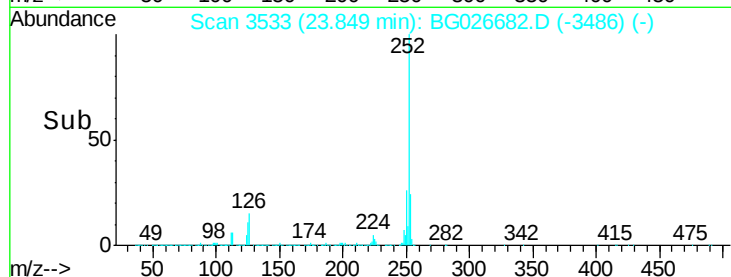
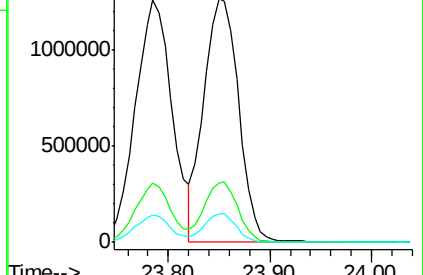
125 11.5 5.1 7.7#



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: 42.67 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.03 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

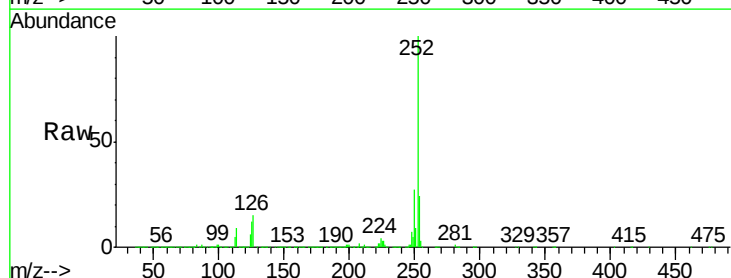
Tgt Ion:252 Resp: 3058837

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

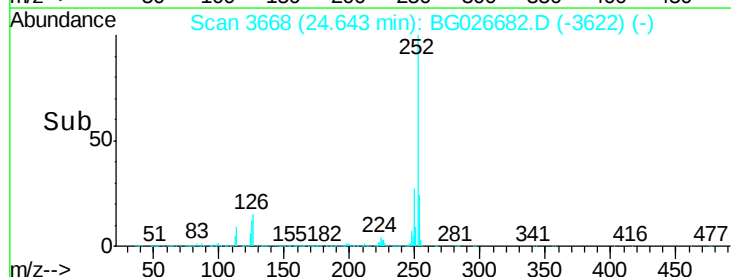
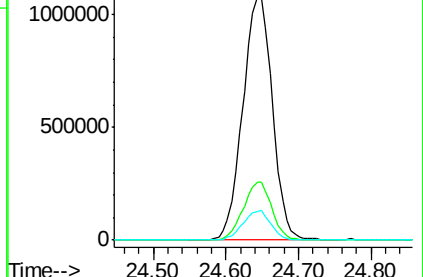
125 11.9 5.4 8.0#

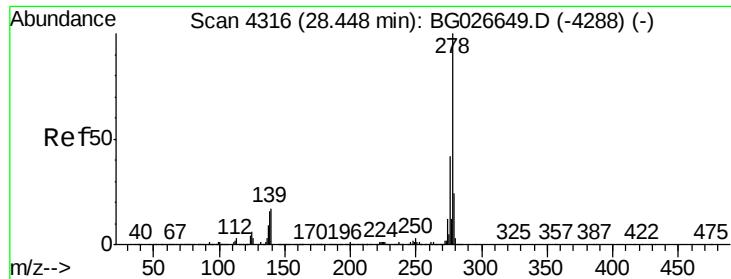


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 43.45 ng

RT: 28.47 min Scan# 4319

Delta R.T. -0.04 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPCMS

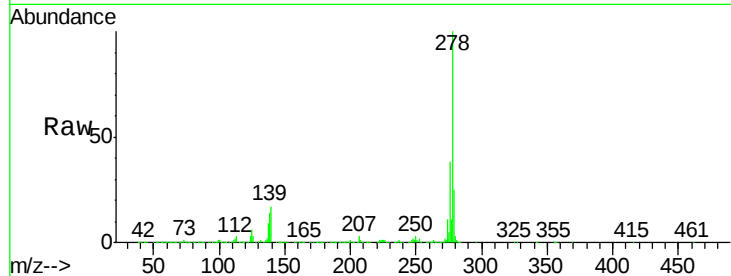
Tot Ion:278 Resp: 3198985

Ion Ratio Lower Upper

278 100

139 16.6 7.7 11.5#

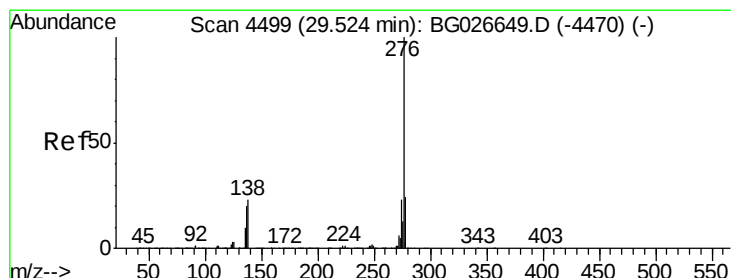
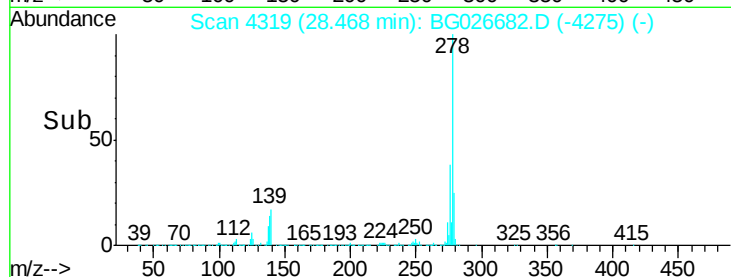
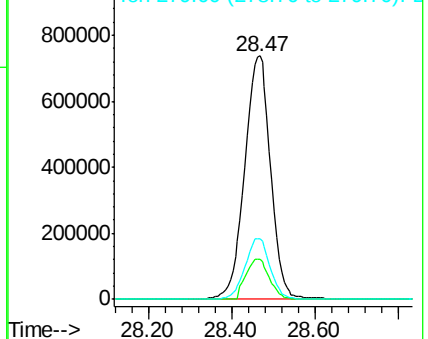
279 24.8 19.1 28.7



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(g,h,i)perylene

Concen: 42.92 ng

RT: 29.54 min Scan# 4502

Delta R.T. -0.05 min

Lab File: BG026682.D

Acq: 20 Apr 2017 19:29

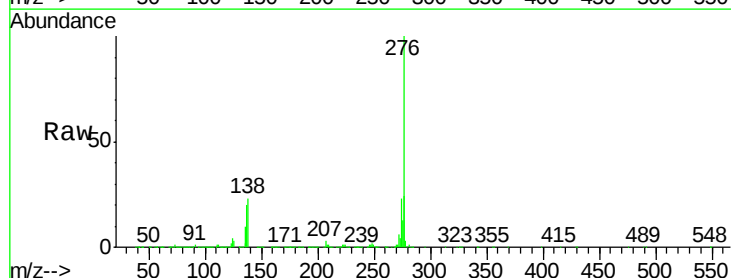
Tgt Ion:276 Resp: 3160288

Ion Ratio Lower Upper

276 100

277 24.1 18.6 27.8

138 22.5 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

