

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016871.D
 Acq On : 5 May 2015 18:31
 Operator : TP/IZ
 Sample : G2078-15DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: May 06 02:22:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	70339	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	311499	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	215419	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	476646	20.00	ng	0.00
75) Chrysene-d12	21.37	240	493656	20.00	ng	0.00
86) Perylene-d12	23.67	264	485875	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	92948	23.01	ng	0.00
7) Phenol-d6	6.96	99	132364	22.93	ng	0.00
23) Nitrobenzene-d5	8.96	82	86983	13.64	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	47444	21.94	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	205678	14.41	ng	0.00
78) Terphenyl-d14	19.81	244	311504	14.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	843	0.50	ng	# 1
3) Pyridine	3.67	79	76	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.61	42	832	0.27	ng	# 1
6) Aniline	6.99	93	2382	0.29	ng	# 1
8) 2-Chlorophenol	7.36	128	171648	36.68	ng	97
9) Benzaldehyde	6.99	77	2754	0.66	ng	# 9
10) Phenol	6.99	94	197157	31.86	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	4519	0.94	ng	# 1
12) 1,3-Dichlorobenzene	7.69	146	162816	31.55	ng	99
13) 1,4-Dichlorobenzene	7.84	146	75766	14.50	ng	93
14) 1,2-Dichlorobenzene	8.15	146	199	0.04	ng	# 58
15) Benzyl Alcohol	8.05	79	568	0.11	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.34	45	261	0.03	ng	72
17) 2-Methylphenol	8.20	107	64	0.01	ng	# 11
18) Hexachloroethane	8.89	117	26610	12.38	ng	99
19) n-Nitroso-di-n-propylamine	8.61	70	74	0.01	ng	# 19
20) 3+4-Methylphenols	8.56	107	38102	6.34	ng	88
22) Acetophenone	8.67	105	159	0.02	ng	# 1
24) Nitrobenzene	8.96	77	607	0.09	ng	# 41
25) Isophorone	9.53	82	539230	41.88	ng	98
26) 2-Nitrophenol	9.71	139	52294	19.95	ng	97
27) 2,4-Dimethylphenol	9.71	122	3485	0.73	ng	# 6
28) bis(2-Chloroethoxy)methane	10.05	93	69	0.01	ng	# 50
29) 2,4-Dichlorophenol	10.24	162	56	0.01	ng	# 26
30) 1,2,4-Trichlorobenzene	10.46	180	185375	39.00	ng	99
31) Naphthalene	10.65	128	458214	29.57	ng	100
32) Benzoic acid	9.71	122	2460	0.96	ng	# 6
33) 4-Chloroaniline	10.65	127	60902	8.51	ng	# 31
34) Hexachlorobutadiene	10.97	225	68	0.02	ng	# 20
36) 4-Chloro-3-methylphenol	11.88	107	179141	31.21	ng	98
37) 2-Methylnaphthalene	12.26	142	164678	13.95	ng	97
42) 2,4,6-Trichlorophenol	12.87	196	65163	15.79	ng	93
43) 2,4,5-Trichlorophenol	12.93	196	113017	25.80	ng	98
45) 1,1'-Biphenyl	13.10	154	59	0.00	ng	# 42

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
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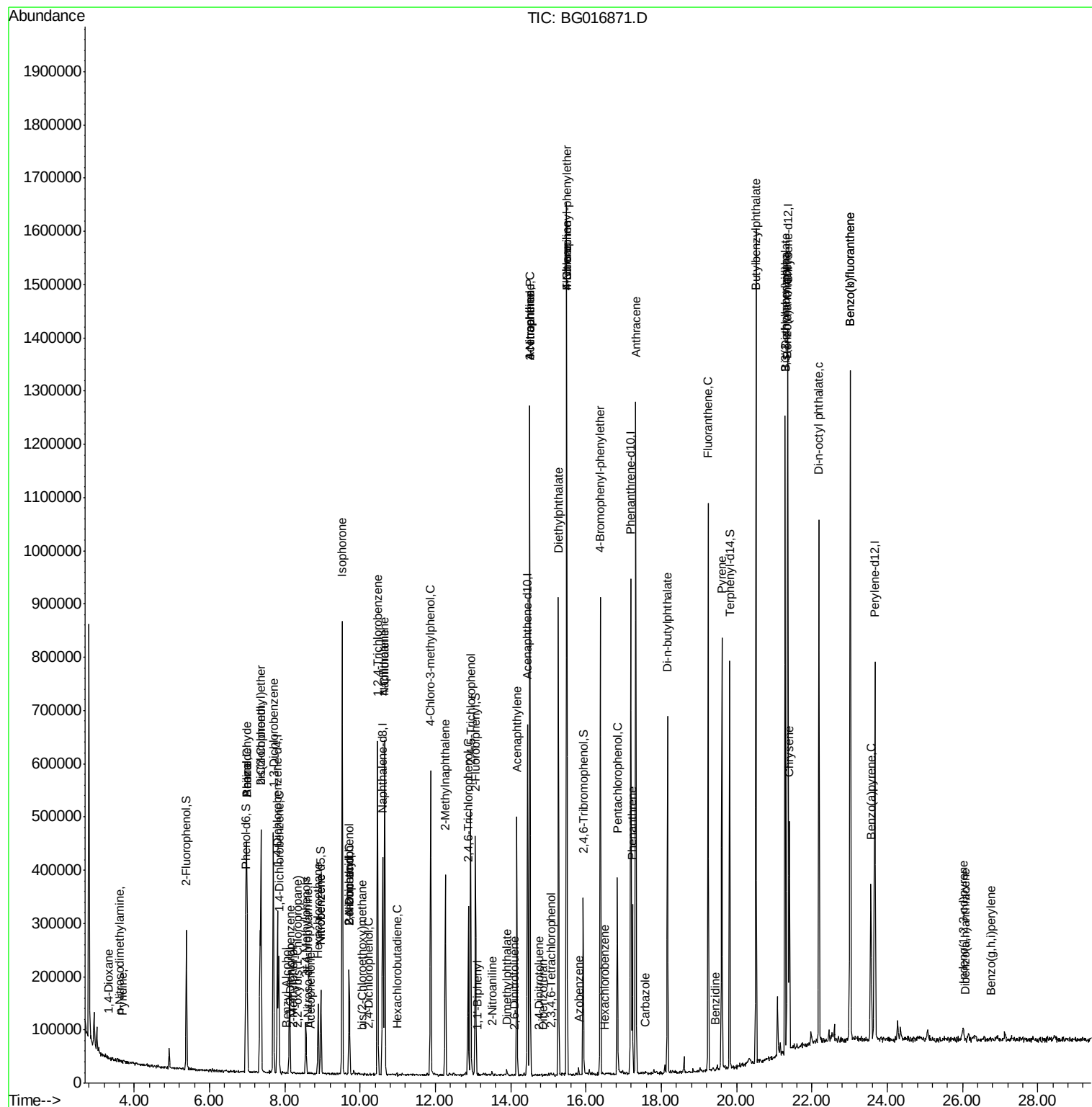
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	13.50	65	83	0.02	ng	# 9
48) Acenaphthylene	14.16	152	316762	14.89	ng	99
49) Dimethylphthalate	13.90	163	5911	0.37	ng	# 88
50) 2,6-Dinitrotoluene	14.09	165	82	0.02	ng	# 18
51) Acenaphthene	14.51	154	420655	33.22	ng	93
52) 3-Nitroaniline	14.50	138	538	0.14	ng	# 35
54) Dibenzofuran	14.84	168	162	0.01	ng	# 43
55) 4-Nitrophenol	14.51	139	4103	1.27	ng	# 47
56) 2,4-Dinitrotoluene	14.74	165	55	0.01	ng	# 16
57) Fluorene	15.49	166	207987	13.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.07	232	731	0.19	ng	# 100
59) Diethylphthalate	15.27	149	421595	24.83	ng	97
60) 4-Chlorophenyl-phenylether	15.49	204	263806	32.99	ng	97
61) 4-Nitroaniline	15.49	138	4123	0.94	ng	# 41
62) Azobenzene	15.80	77	4185	0.24	ng	# 1
66) 4-Bromophenyl-phenylether	16.38	248	135854	28.40	ng	93
67) Hexachlorobenzene	16.50	284	77	0.02	ng	# 35
69) Pentachlorophenol	16.83	266	61299	18.71	ng	95
70) Phenanthrene	17.23	178	166911	6.80	ng	99
71) Anthracene	17.32	178	724359	29.27	ng	98
72) Carbazole	17.59	167	1570	0.07	ng	# 40
73) Di-n-butylphthalate	18.16	149	422298	13.85	ng	99
74) Fluoranthene	19.24	202	568876	19.99	ng	99
76) Benzidine	19.43	184	227	0.01	ng	# 66
77) Pyrene	19.61	202	451254	15.49	ng	98
79) Butylbenzylphthalate	20.51	149	385576	27.84	ng	99
80) Benzo(a)anthracene	21.35	228	437222	16.51	ng	98
81) 3,3'-Dichlorobenzidine	21.29	252	203	0.02	ng	# 26
82) Chrysene	21.40	228	192933	7.78	ng	96
83) Bis(2-ethylhexyl)phthalate	21.29	149	340712	17.99	ng	98
84) Di-n-octyl phthalate	22.19	149	558115	17.54	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.02	276	1510	0.05	ng	# 100
87) Benzo(b)fluoranthene	23.02	252	845125	31.22	ng	99
88) Benzo(k)fluoranthene	23.02	252	845125	32.46	ng	99
89) Benzo(a)pyrene	23.57	252	214067	8.48	ng	98
90) Dibenzo(a,h)anthracene	26.07	278	305	0.01	ng	# 55
91) Benzo(g,h,i)perylene	26.77	276	598	0.02	ng	# 58

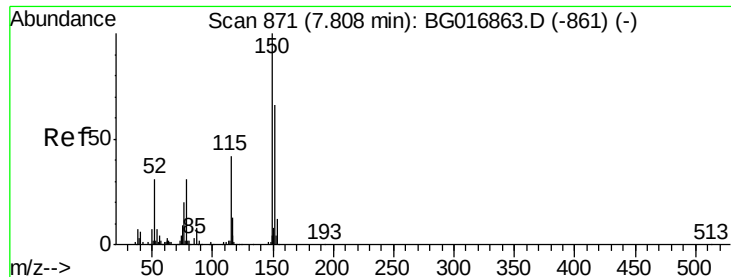
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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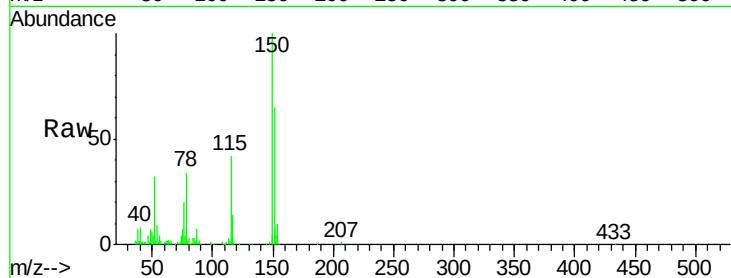


#1

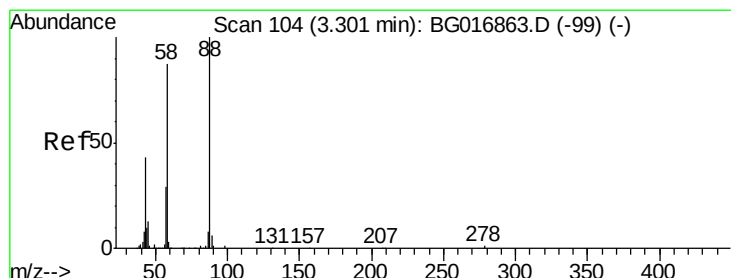
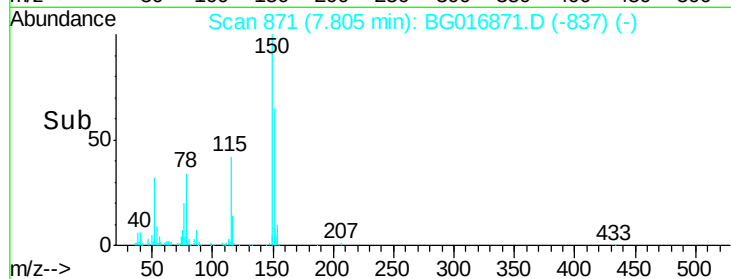
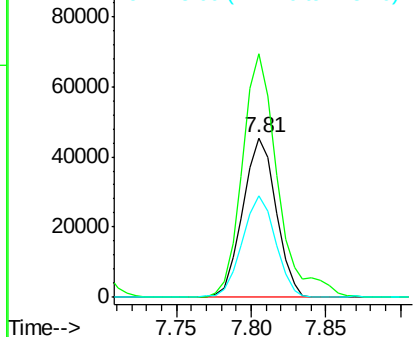
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

Tgt Ion:152 Resp: 70339
Ion Ratio Lower Upper
152 100
150 152.8 121.0 181.4
115 63.6 50.5 75.7



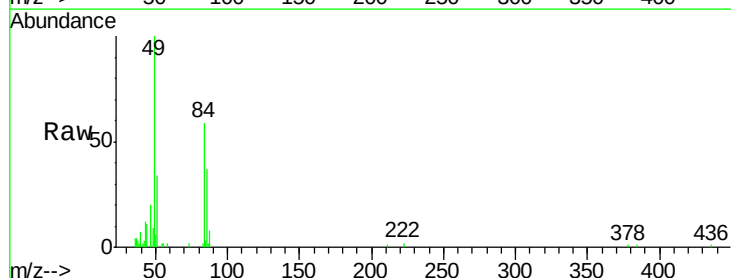
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



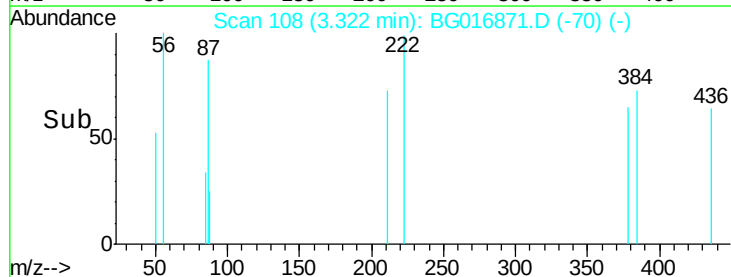
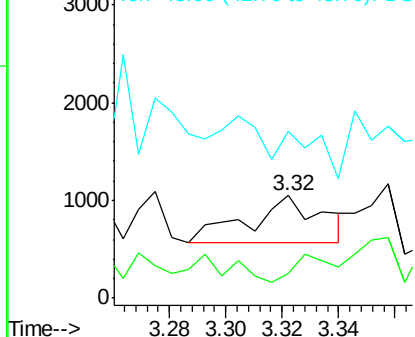
#2

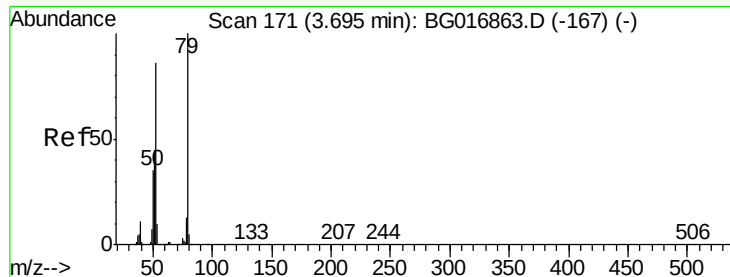
1,4-Dioxane
Concen: 0.50 ng
RT: 3.32 min Scan# 108
Delta R.T. 0.02 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion: 88 Resp: 843
Ion Ratio Lower Upper
88 100
58 0.0 0.1 0.1#
43 67.9 1.3 1.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.01 ng

RT: 3.67 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

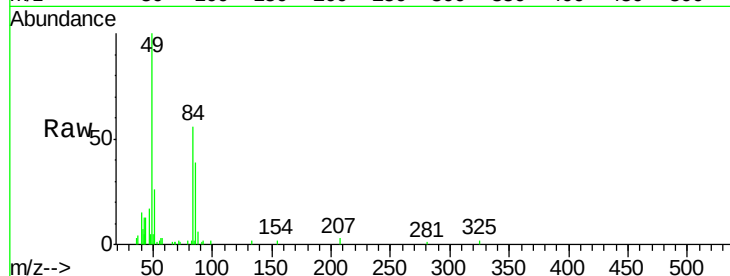
Tgt Ion: 79 Resp: 76

Ion Ratio Lower Upper

79 100

52 0.0 68.5 102.7#

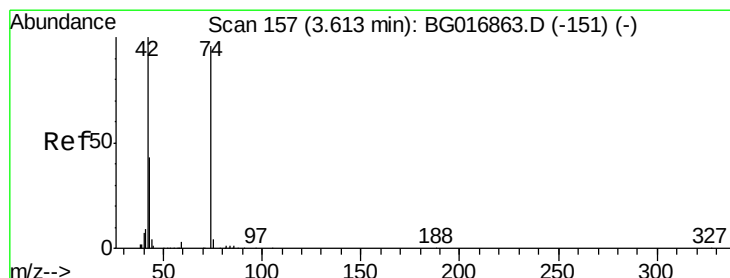
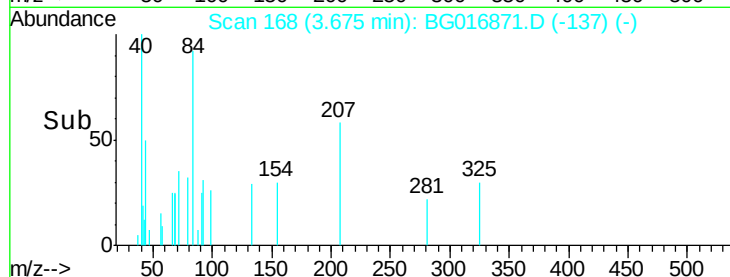
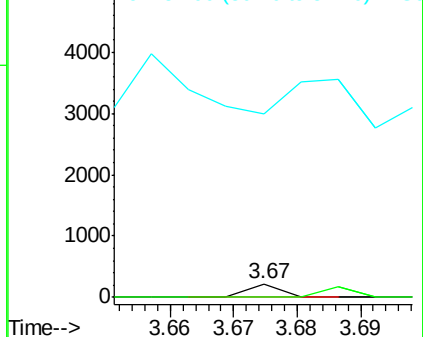
51 1385.2 37.8 56.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.27 ng

RT: 3.61 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

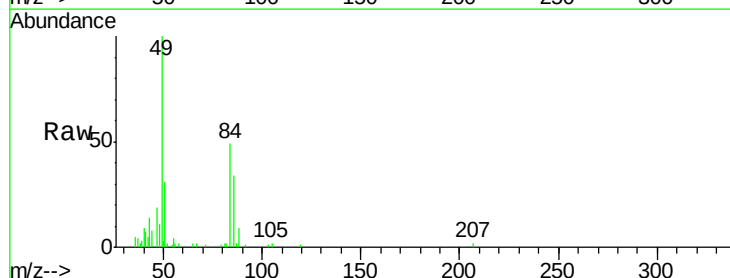
Tgt Ion: 42 Resp: 832

Ion Ratio Lower Upper

42 100

74 0.0 76.2 114.2#

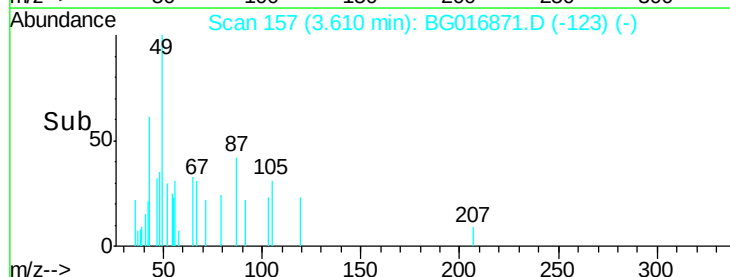
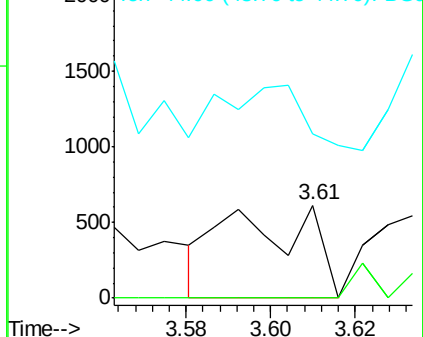
44 176.4 4.9 7.3#

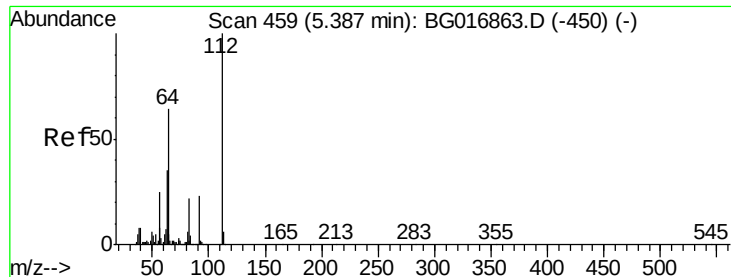


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 23.01 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

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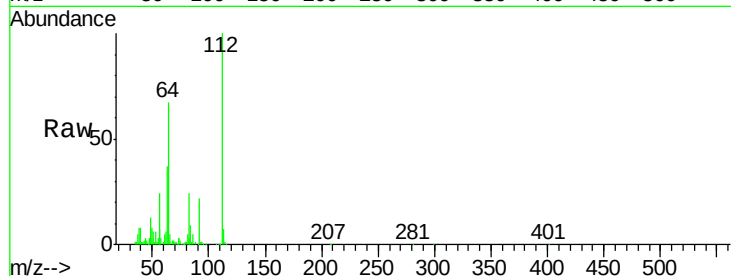
Tgt Ion: 112 Resp: 92948

Ion Ratio Lower Upper

112 100

64 67.3 51.4 77.2

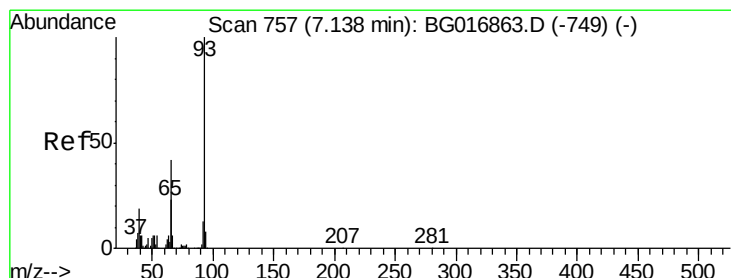
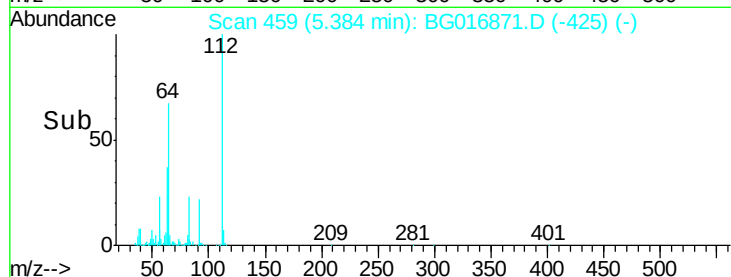
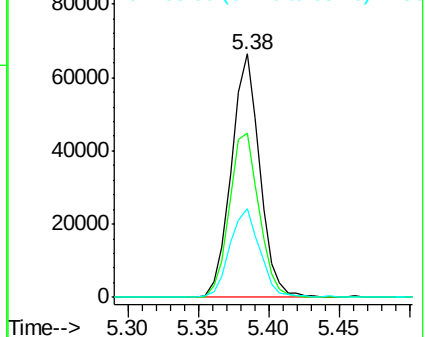
63 36.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.29 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.14 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

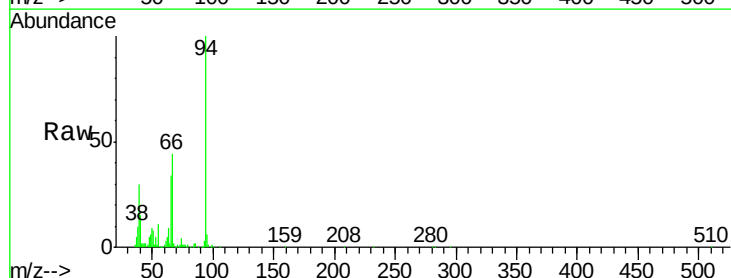
Tgt Ion: 93 Resp: 2382

Ion Ratio Lower Upper

93 100

66 1359.4 33.8 50.6#

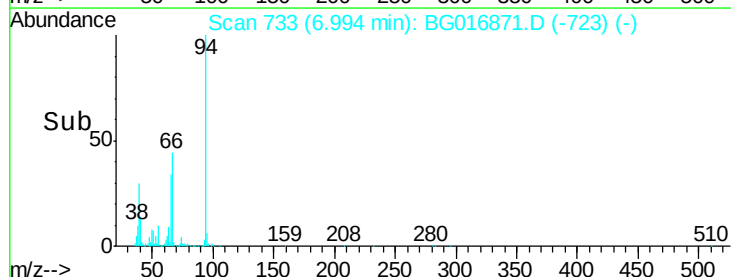
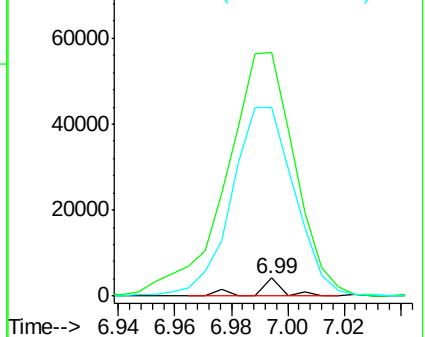
65 1051.5 18.7 28.1#

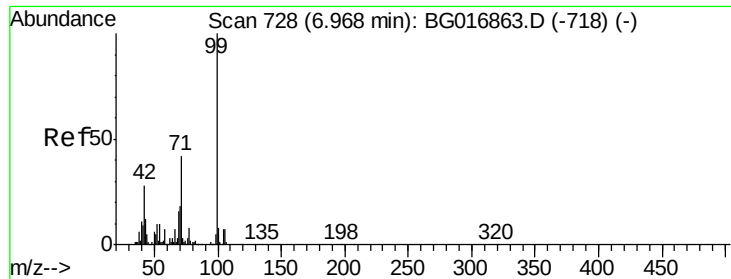


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 22.93 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

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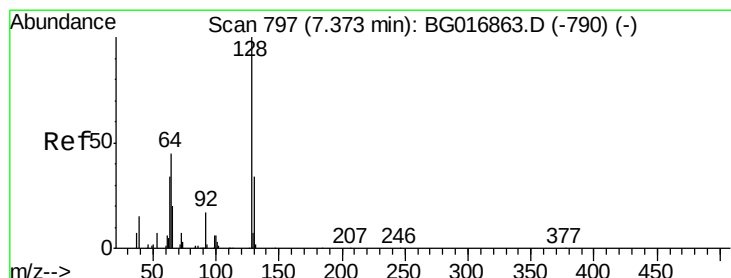
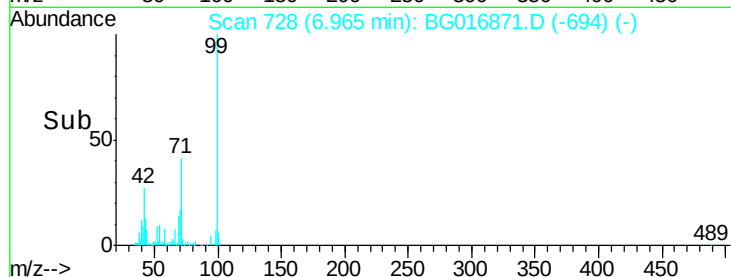
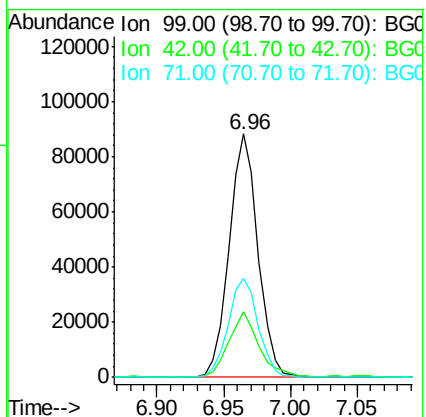
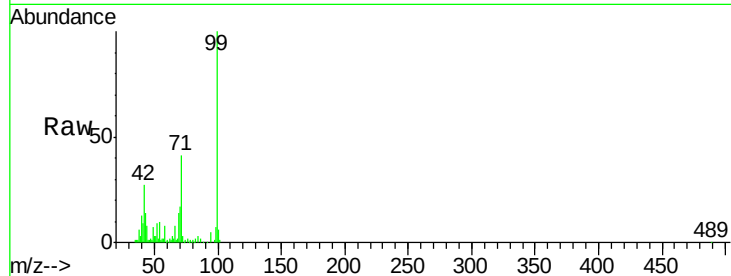
Tgt Ion: 99 Resp: 132364

Ion Ratio Lower Upper

99 100

42 26.8 22.1 33.1

71 40.8 33.4 50.0



#8

2-Chlorophenol

Concen: 36.68 ng

RT: 7.36 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

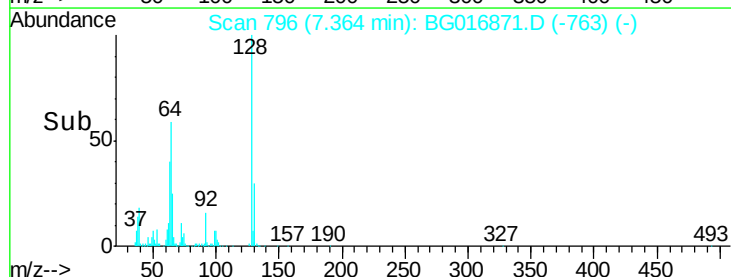
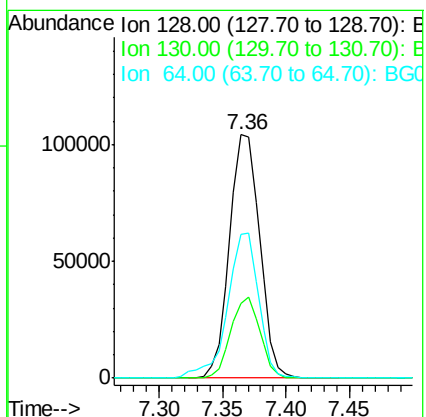
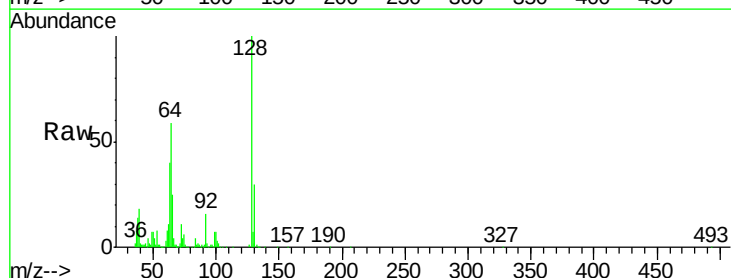
Tgt Ion: 128 Resp: 171648

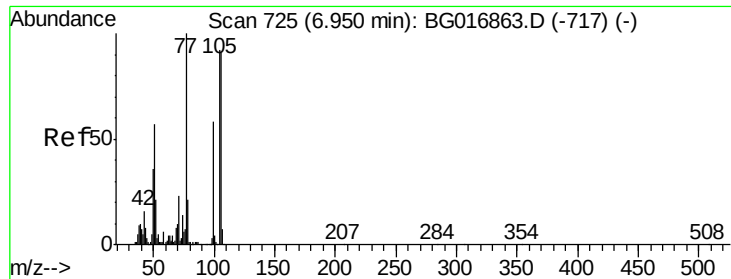
Ion Ratio Lower Upper

128 100

130 30.4 14.4 54.4

64 59.0 38.4 78.4





#9

Benzaldehyde

Concen: 0.66 ng

RT: 6.99 min Scan# 733

Delta R.T. 0.04 min

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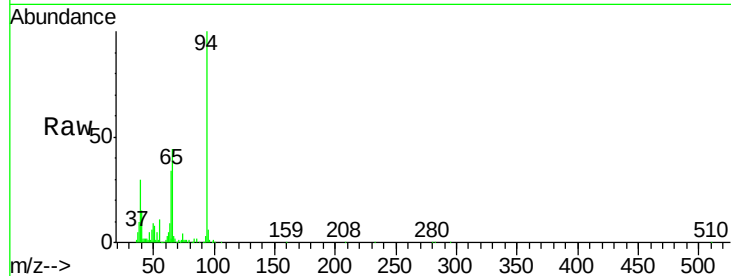
Tgt Ion: 77 Resp: 2754

Ion Ratio Lower Upper

77 100

105 0.0 71.6 111.6#

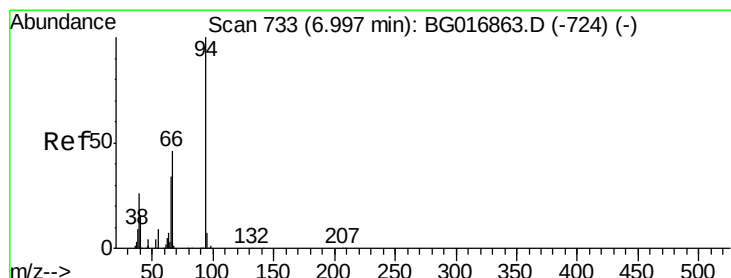
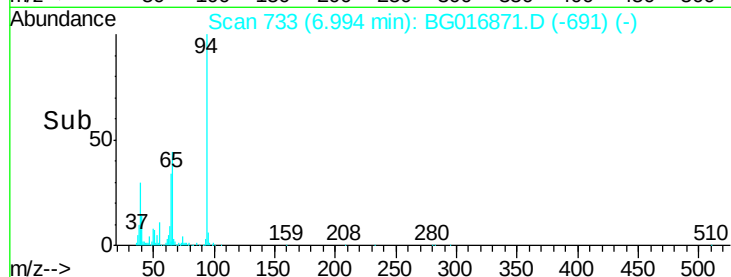
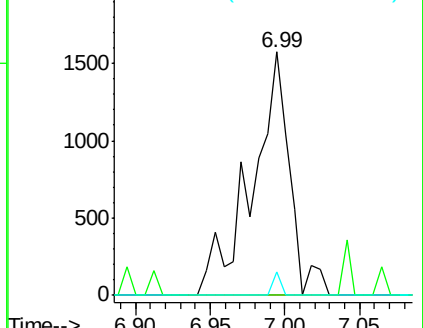
106 9.8 71.5 111.5#



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: 31.86 ng

RT: 6.99 min Scan# 733

Delta R.T. -0.00 min

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Acq: 5 May 2015 18:31

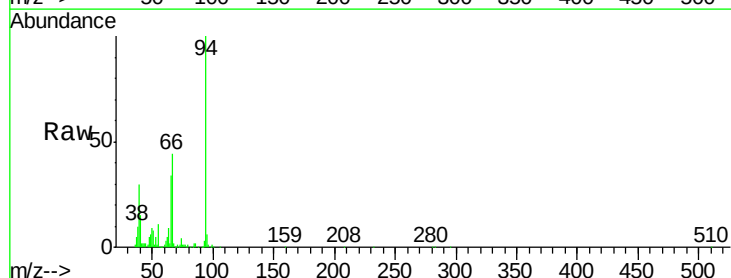
Tgt Ion: 94 Resp: 197157

Ion Ratio Lower Upper

94 100

65 34.1 14.3 54.3

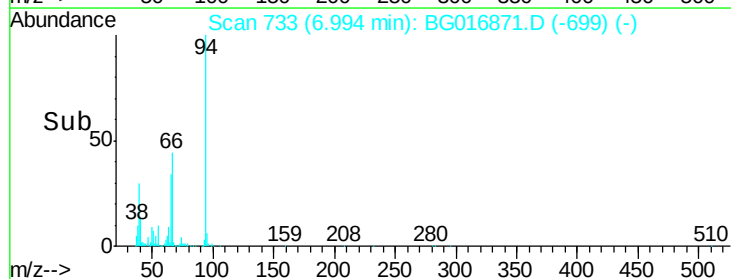
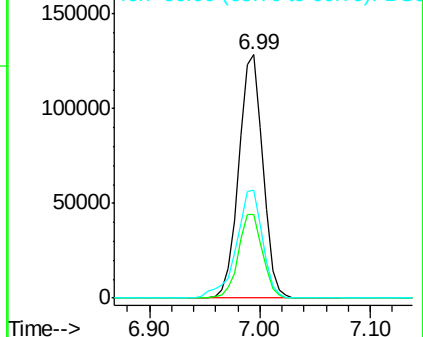
66 44.1 26.9 66.9

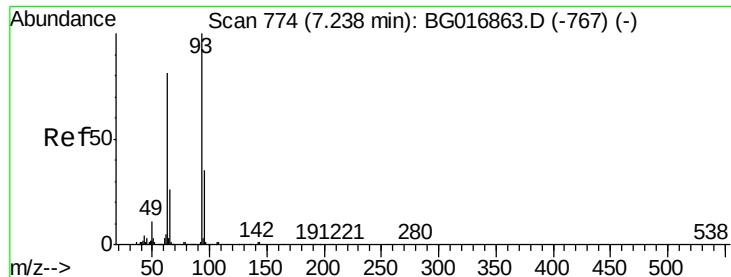


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

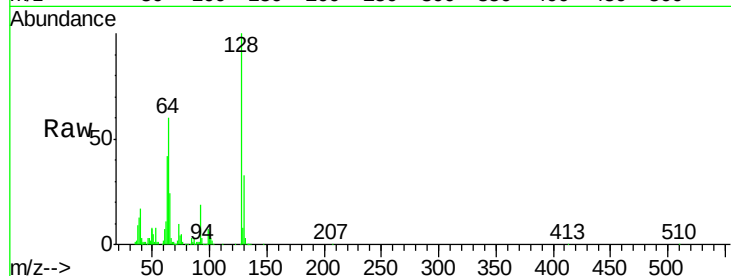




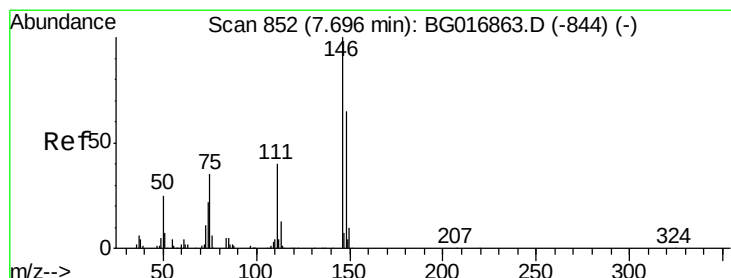
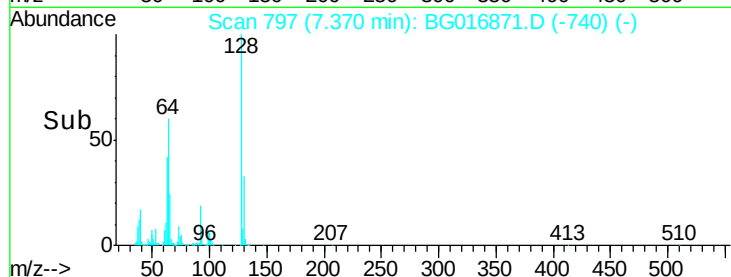
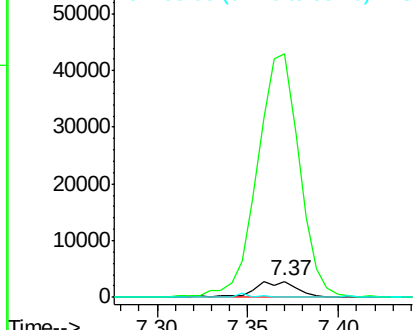
#11
 bis(2-Chloroethyl)ether
 Concen: 0.94 ng
 RT: 7.37 min Scan# 797
 Delta R.T. 0.13 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion: 93 Resp: 4519
 Ion Ratio Lower Upper
 93 100
 63 1521.2 61.2 101.2#
 95 0.0 15.0 55.0#

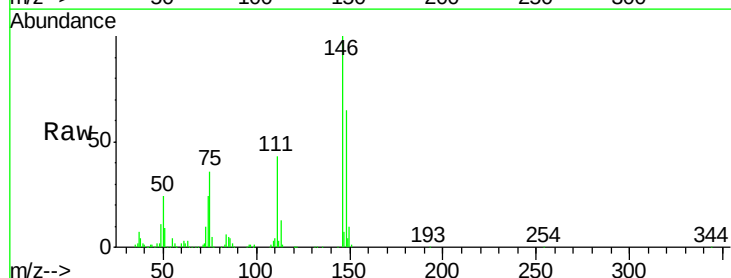


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

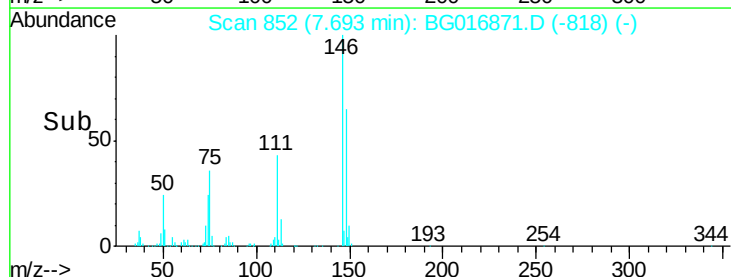
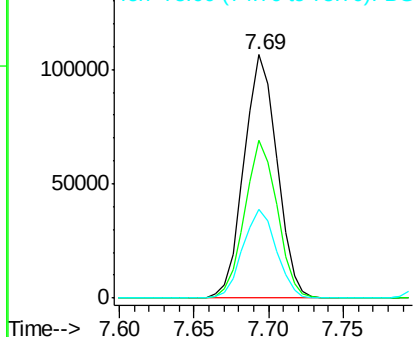


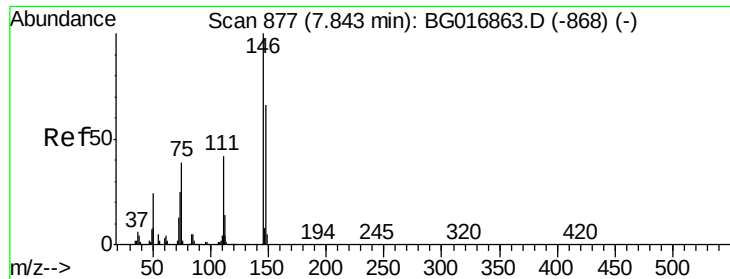
#12
 1,3-Dichlorobenzene
 Concen: 31.55 ng
 RT: 7.69 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion: 146 Resp: 162816
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 75 36.3 28.2 42.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
 Ion 148.00 (147.70 to 148.70): BGC
 Ion 75.00 (74.70 to 75.70): BGC

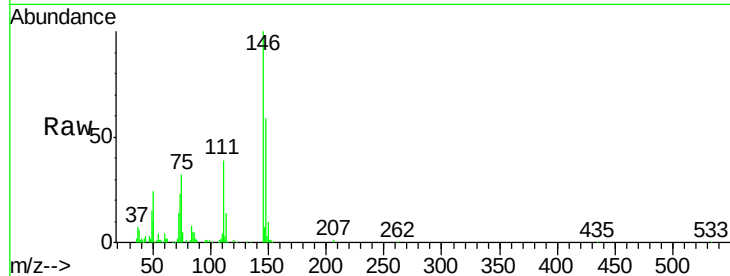




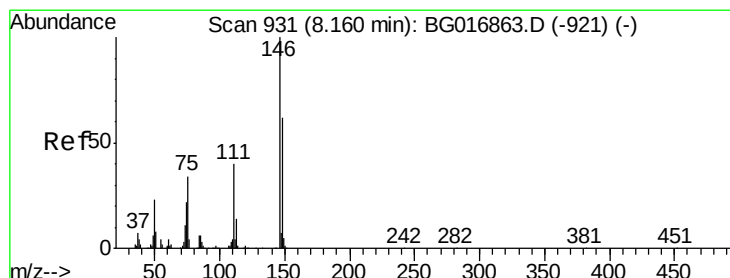
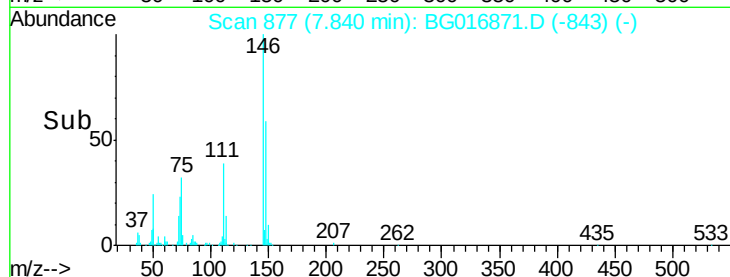
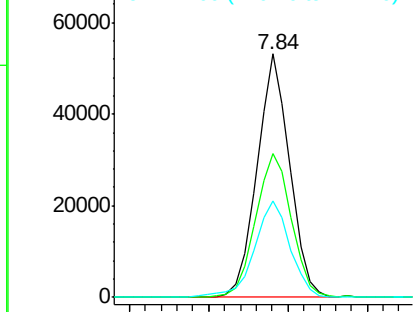
#13
 1,4-Dichlorobenzene
 Concen: 14.50 ng
 RT: 7.84 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Instrument :
 BNA_G
 ClientSampleID :
 PT-BNA-SOILD

Tgt Ion:146 Resp: 75766
 Ion Ratio Lower Upper
 146 100
 148 59.0 52.8 79.2
 111 39.5 33.9 50.9

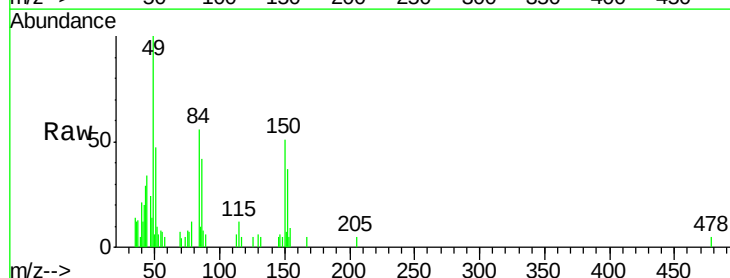


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

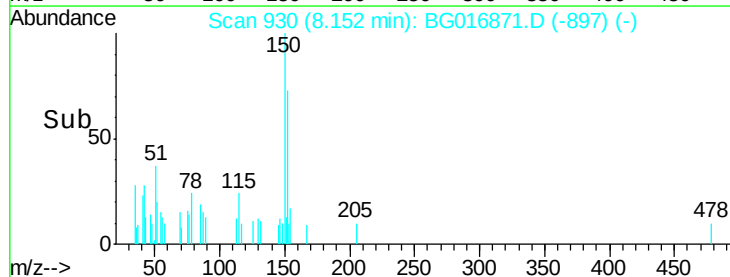
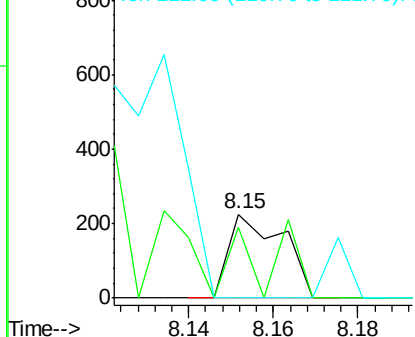


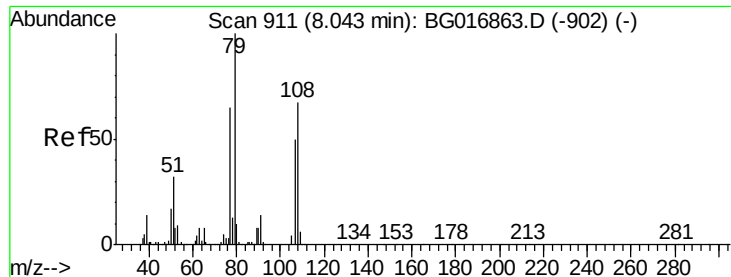
#14
 1,2-Dichlorobenzene
 Concen: 0.04 ng
 RT: 8.15 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion:146 Resp: 199
 Ion Ratio Lower Upper
 146 100
 148 83.6 49.9 74.9#
 111 0.0 32.1 48.1#



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: 0.11 ng

RT: 8.05 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

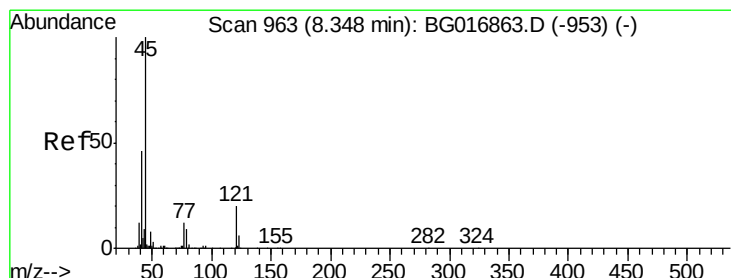
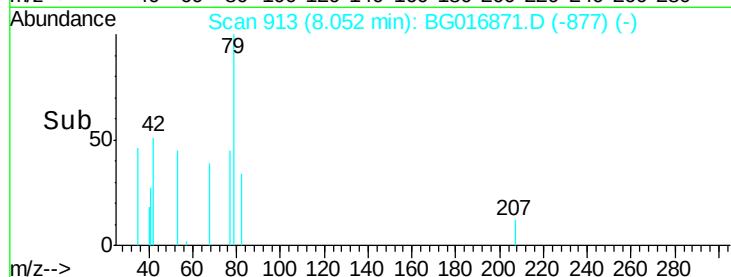
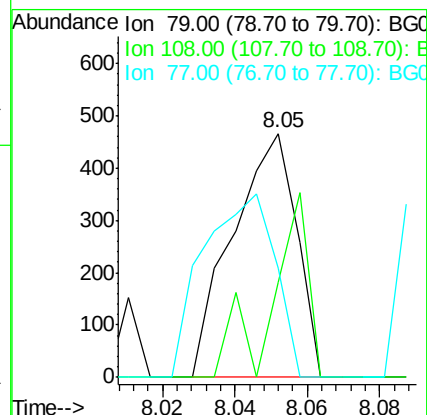
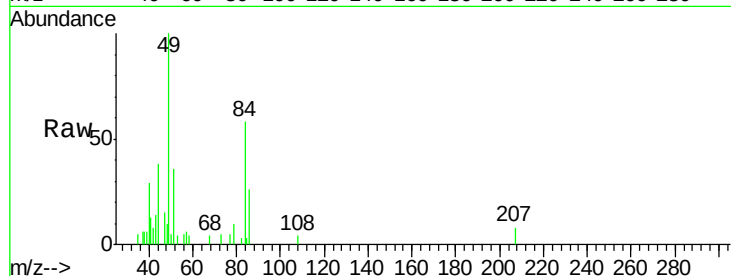
Tgt Ion: 79 Resp: 568

Ion Ratio Lower Upper

79 100

108 39.1 53.4 80.2#

77 45.1 52.2 78.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 8.34 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

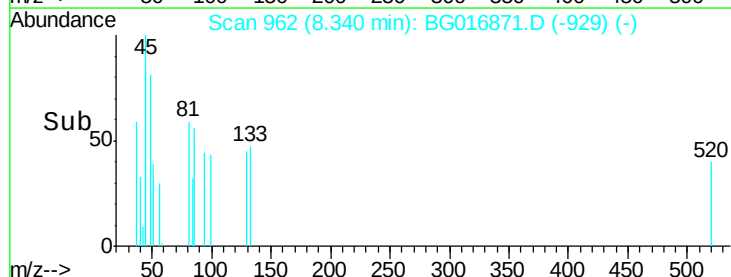
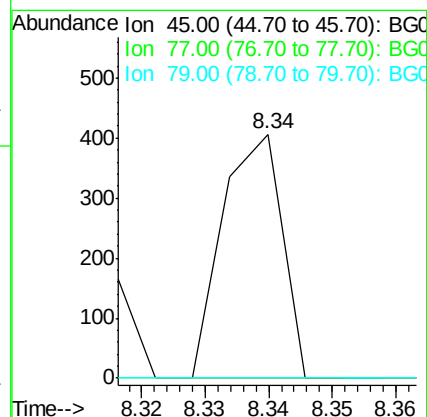
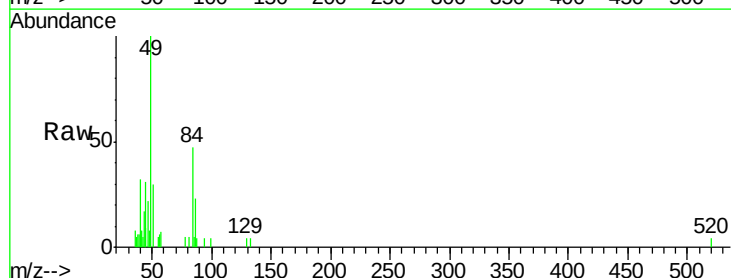
Tgt Ion: 45 Resp: 261

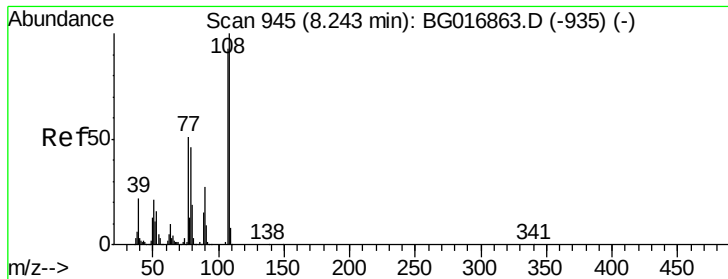
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.8

79 0.0 0.0 29.1





#17

2-Methylphenol

Concen: 0.01 ng

RT: 8.20 min Scan# 939

Delta R.T. -0.04 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

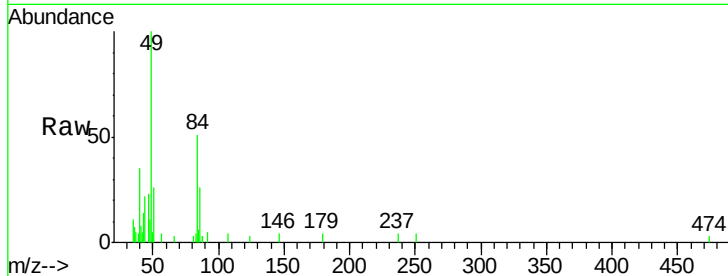
Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion:	107	Resp:	64
Ion Ratio	Lower	Upper	
107	100		
108	0.0	85.9	128.9#
77	0.0	43.8	65.6#
79	0.0	39.8	59.6#

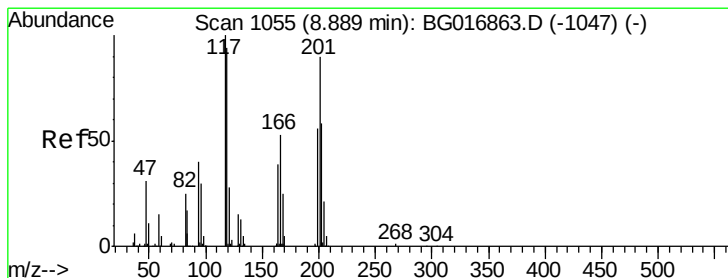
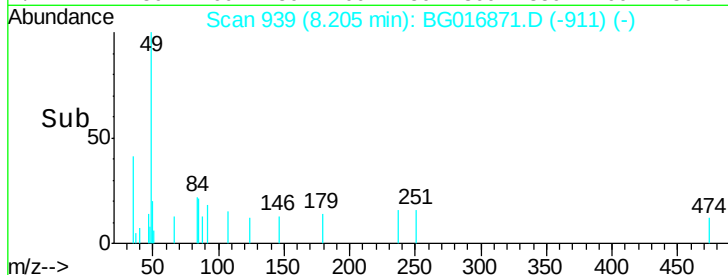
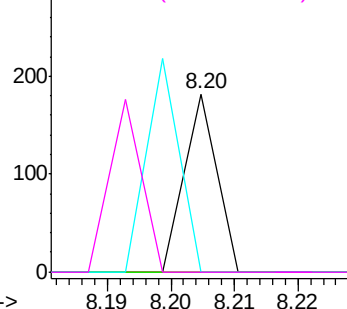


Abundance Ion 107.00 (106.70 to 107.70): E

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: 12.38 ng

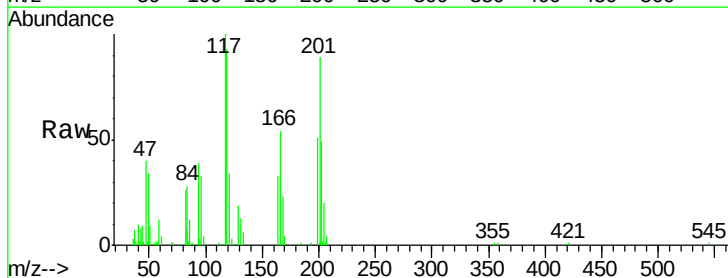
RT: 8.89 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

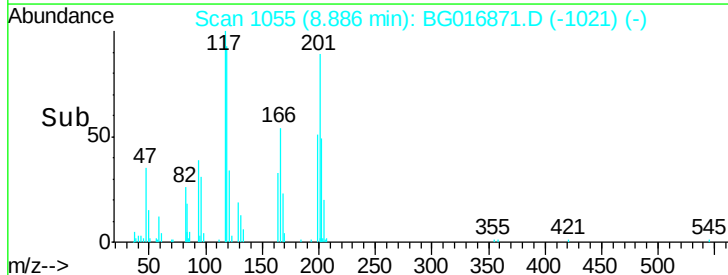
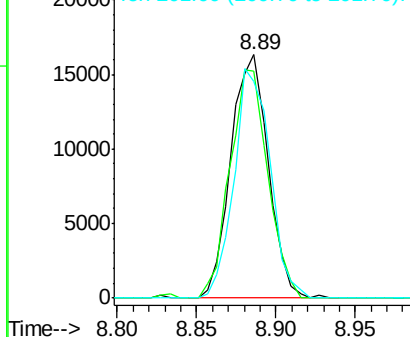
Tgt Ion:	117	Resp:	26610
Ion Ratio	Lower	Upper	
117	100		
119	93.5	74.8	112.2
201	91.2	72.1	108.1

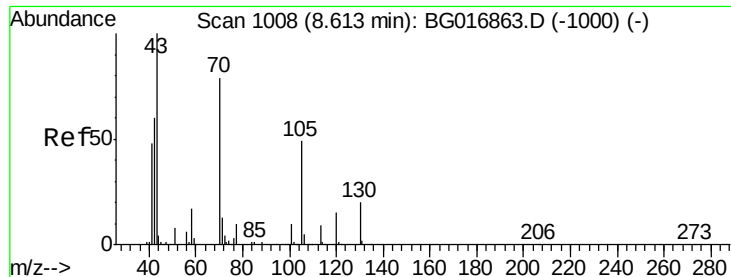


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

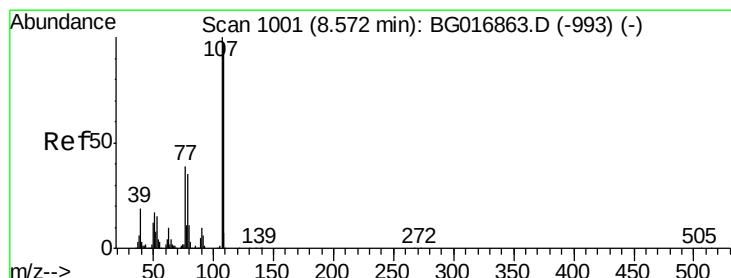
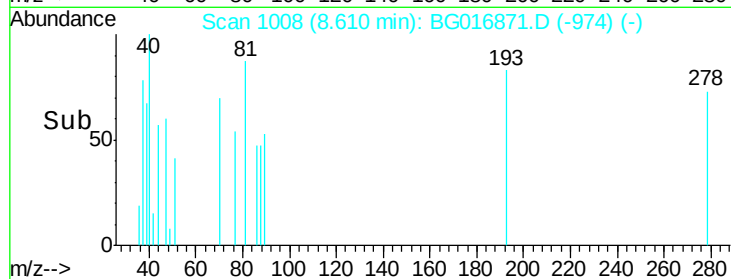
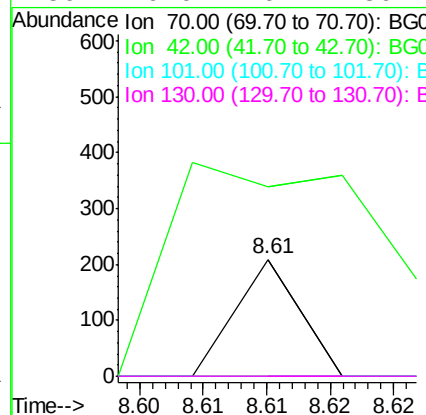
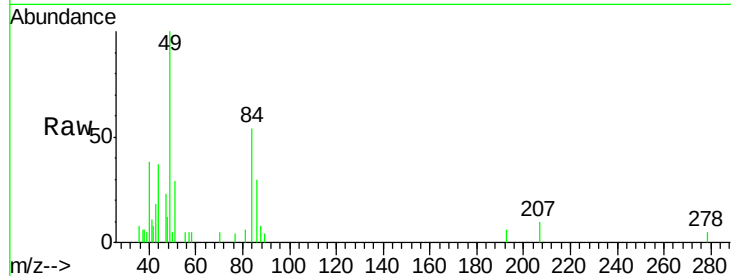




#19
n-Nitroso-di-n-propylamine
Concen: 0.01 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

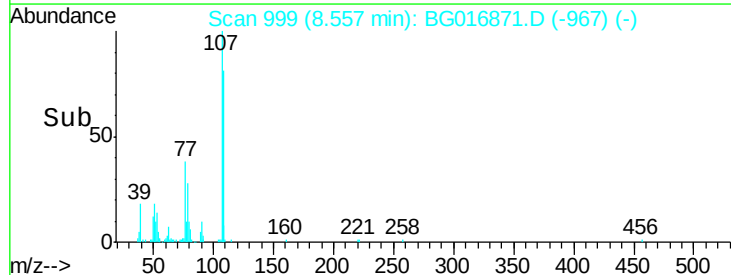
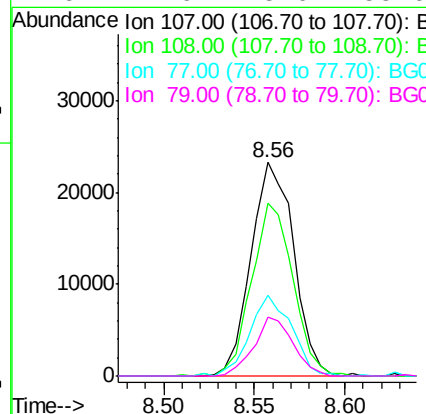
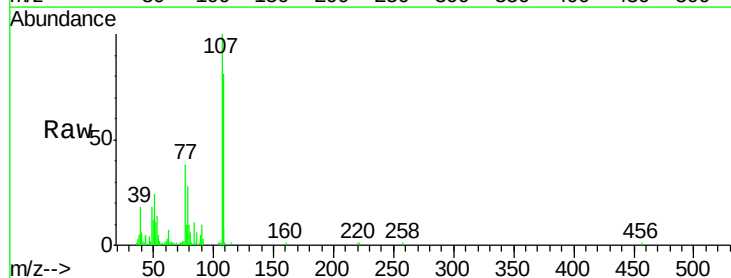
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

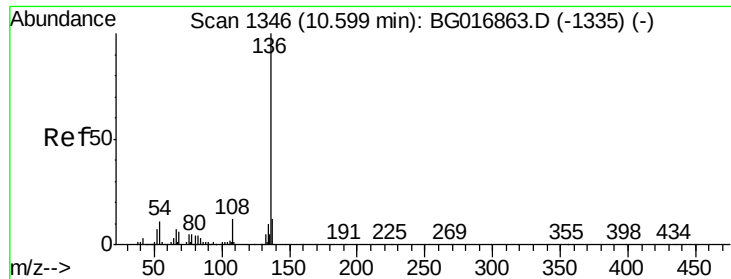
Tgt Ion: 70 Resp: 74
Ion Ratio Lower Upper
70 100
42 162.7 61.5 92.3#
101 0.0 9.8 14.6#
130 0.0 20.2 30.4#



#20
3+4-Methylphenols
Concen: 6.34 ng
RT: 8.56 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion: 107 Resp: 38102
Ion Ratio Lower Upper
107 100
108 80.8 76.6 116.6
77 37.9 19.0 59.0
79 27.6 15.0 55.0

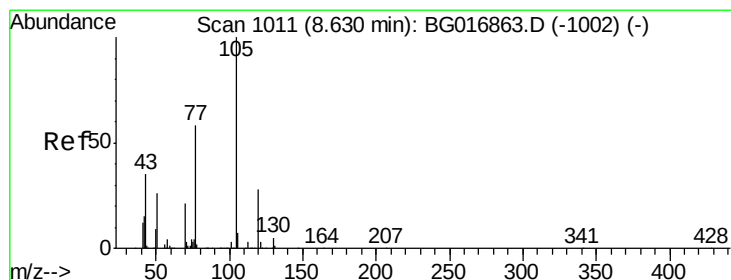
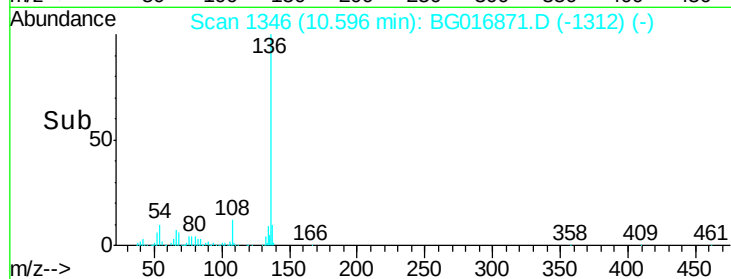
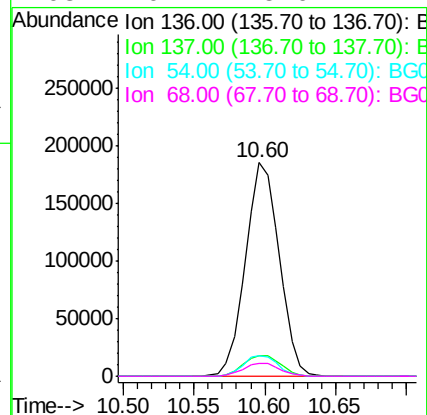
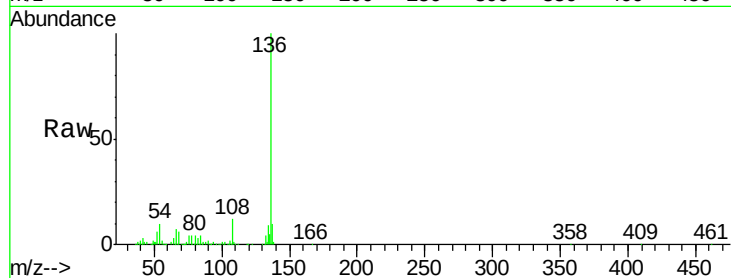




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

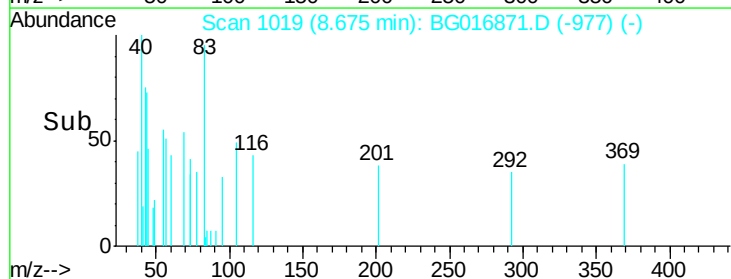
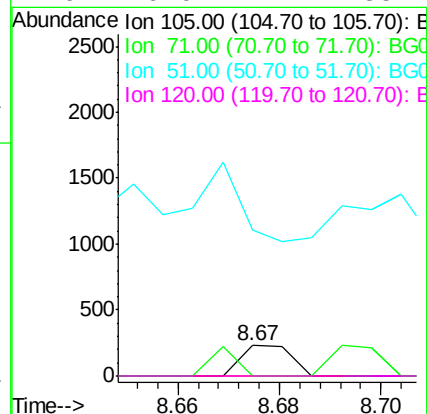
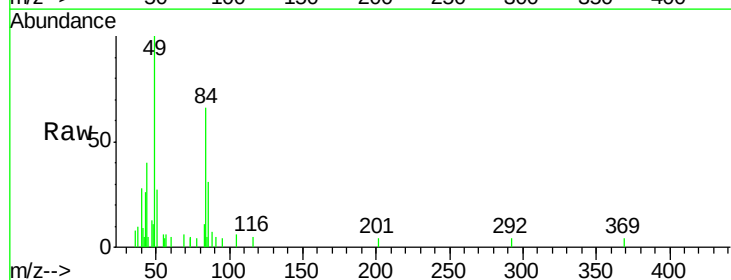
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

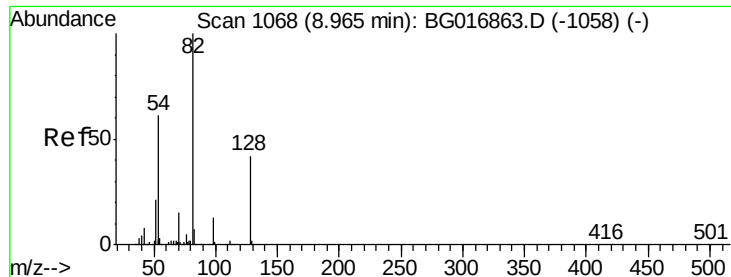
Tgt Ion:	136	Resp:	311499
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.8	14.8#
54	9.7	8.7	13.1
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 0.02 ng
RT: 8.67 min Scan# 1019
Delta R.T. 0.04 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion:	105	Resp:	159
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	477.6	29.4	44.2#
120	0.0	22.2	33.4#

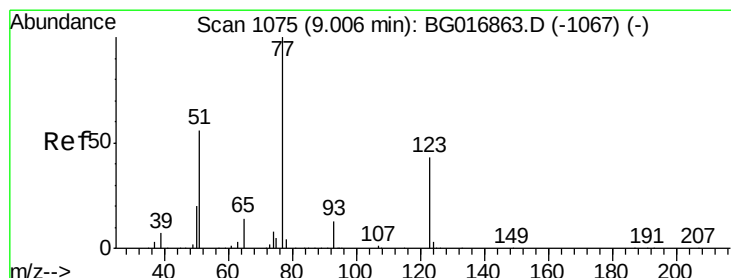
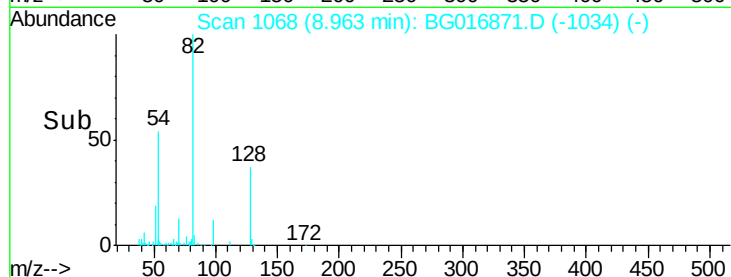
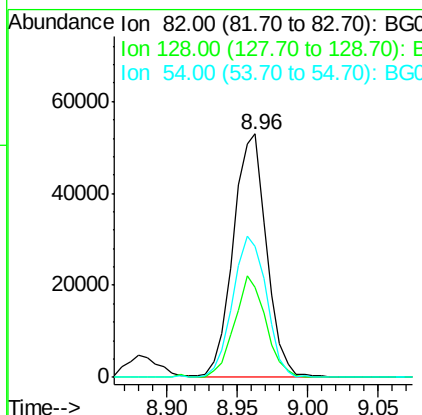
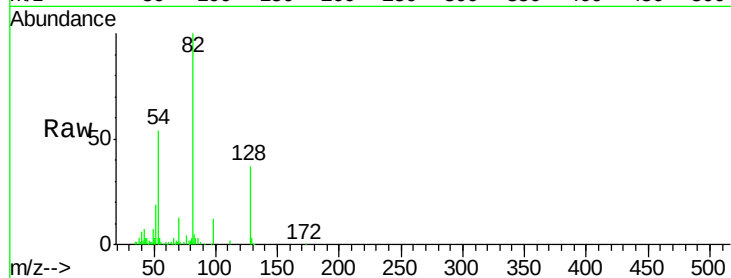




#23
 Nitrobenzene-d5
 Concen: 13.64 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

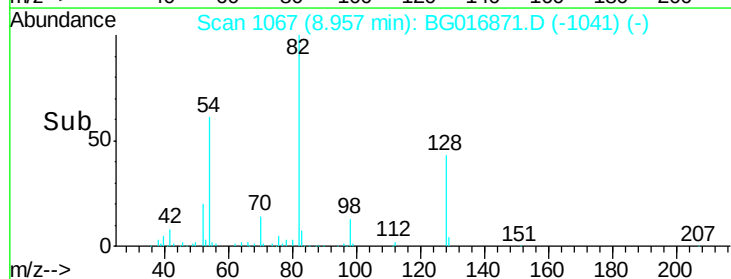
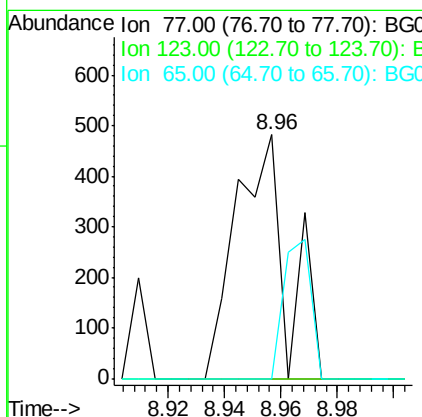
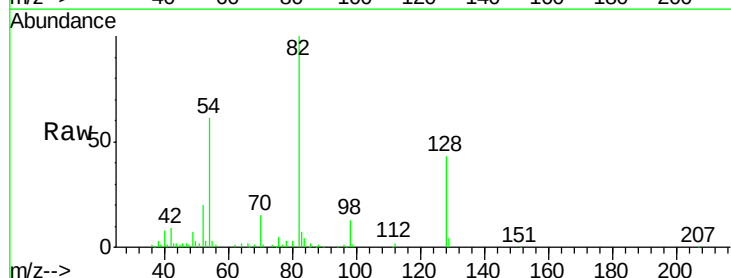
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

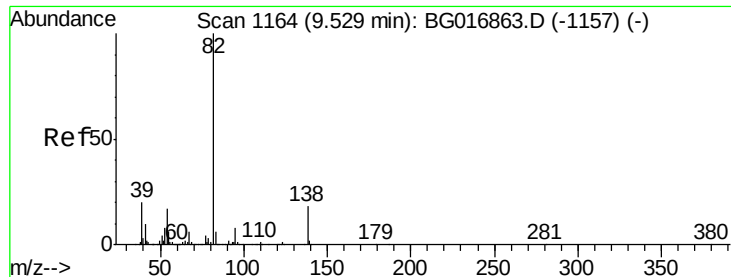
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	33.2	49.8
54	53.6	48.6	72.8



#24
 Nitrobenzene
 Concen: 0.09 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.05 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.0	51.0#
65	0.0	11.2	16.8#





#25

Isophorone

Concen: 41.88 ng

RT: 9.53 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

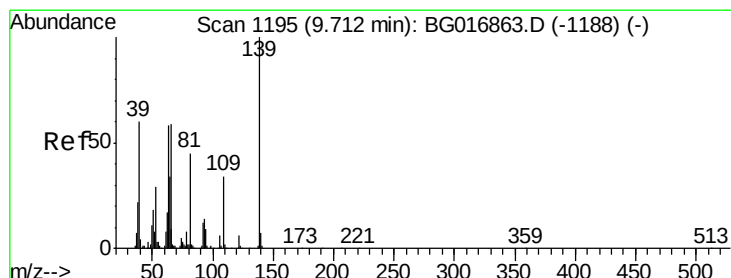
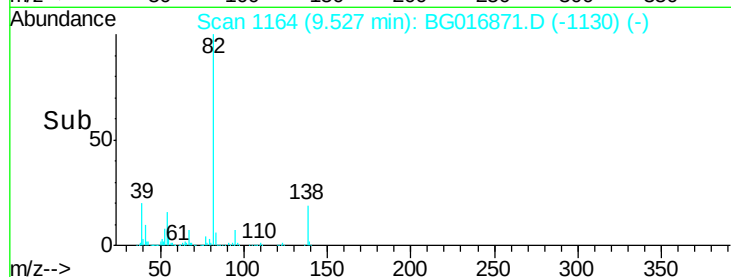
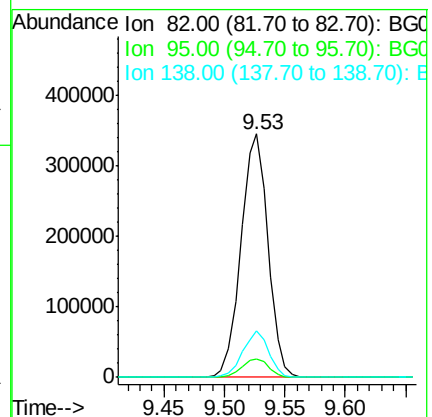
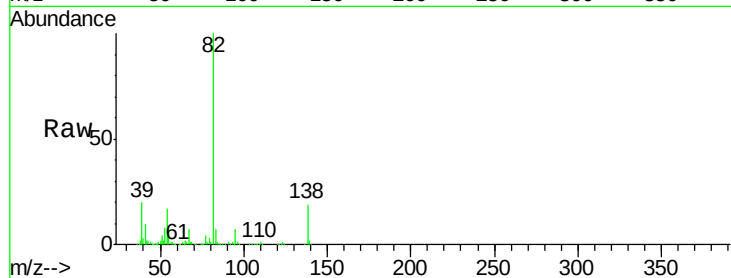
Tgt Ion: 82 Resp: 539230

Ion Ratio Lower Upper

82 100

95 7.3 6.7 10.1

138 19.0 14.7 22.1



#26

2-Nitrophenol

Concen: 19.95 ng

RT: 9.71 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

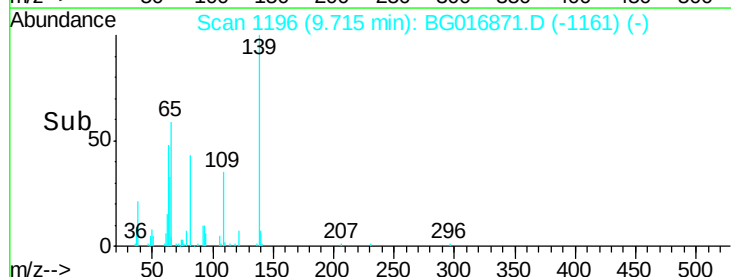
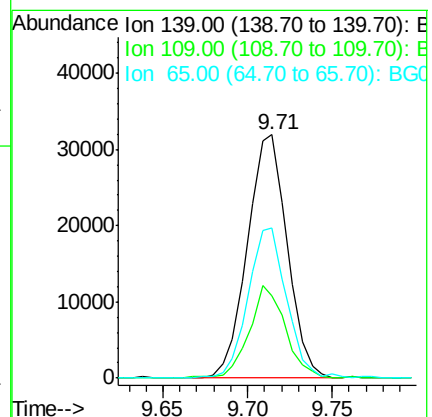
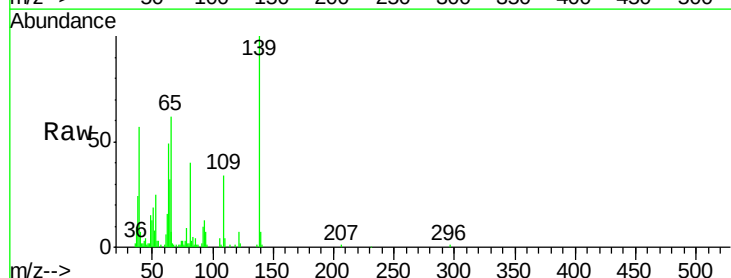
Tgt Ion: 139 Resp: 52294

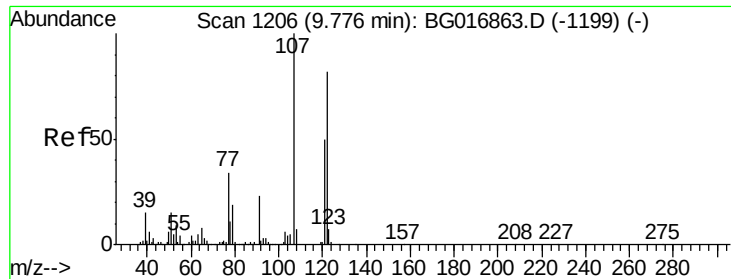
Ion Ratio Lower Upper

139 100

109 33.9 27.4 41.2

65 61.6 47.1 70.7

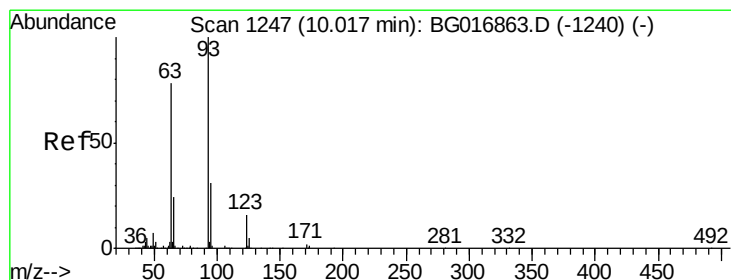
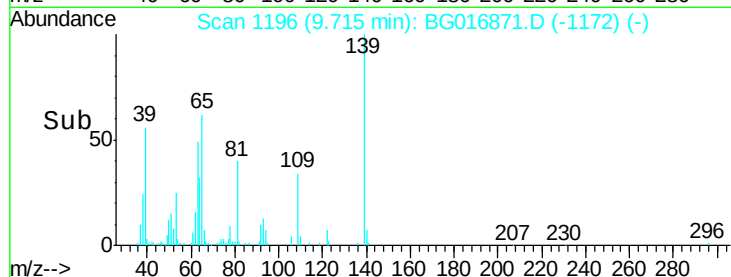
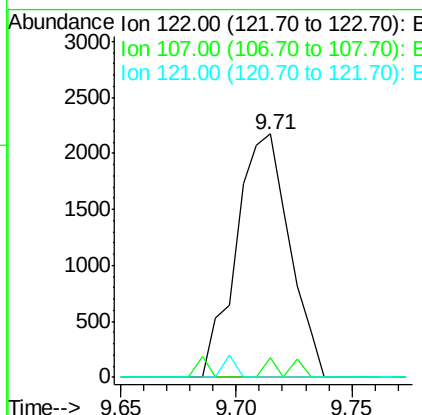
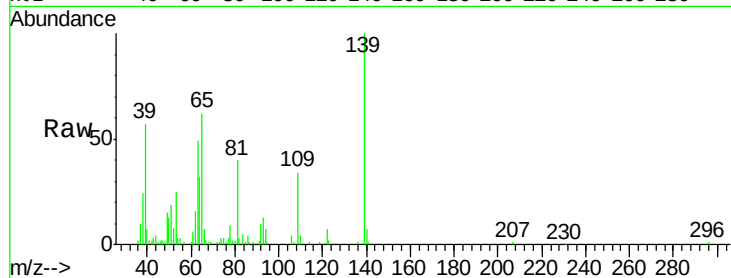




#27
 2,4-Dimethylphenol
 Concen: 0.73 ng
 RT: 9.71 min Scan# 1196
 Delta R.T. -0.06 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

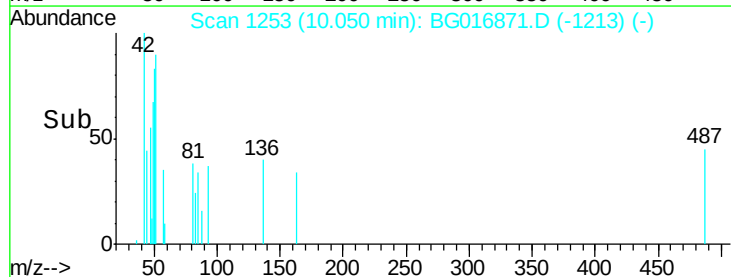
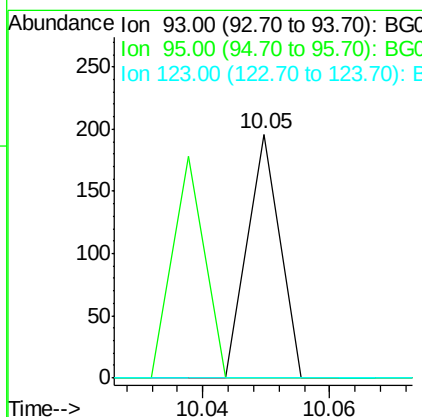
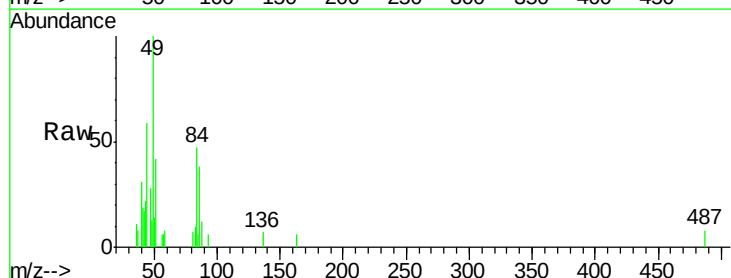
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

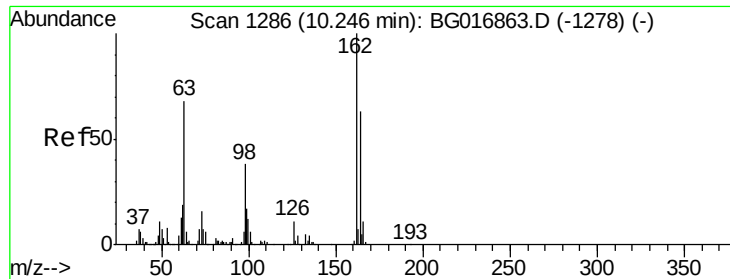
Tgt Ion	Ratio	Lower	Upper
122	100		
107	8.0	97.6	146.4#
121	0.0	48.4	72.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.01 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. 0.03 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.8	37.2#
123	0.0	12.6	19.0#

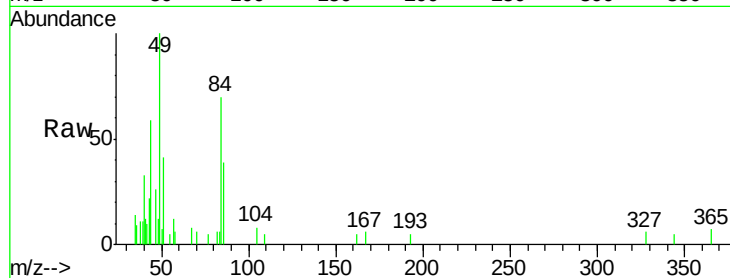




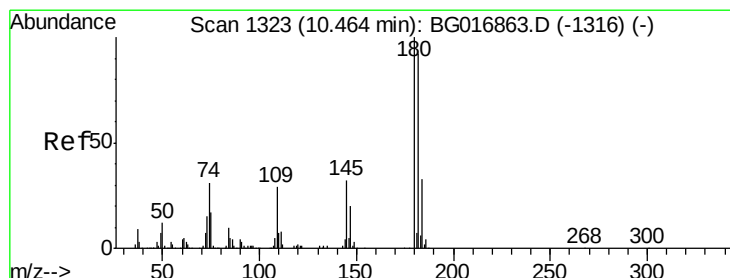
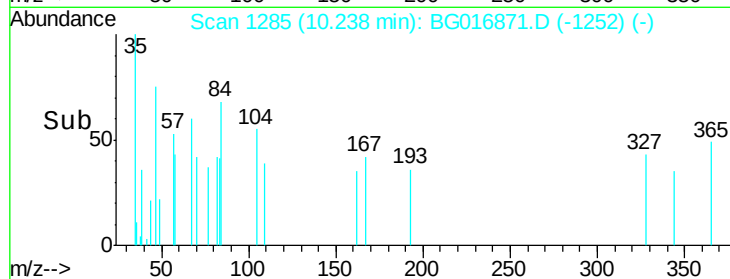
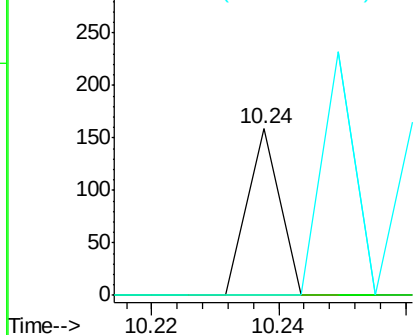
#29
 2,4-Dichlorophenol
 Concen: 0.01 ng
 RT: 10.24 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	42.9	82.9#
98	0.0	18.4	58.4#

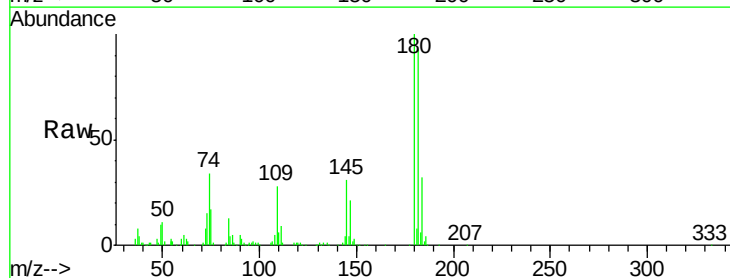


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

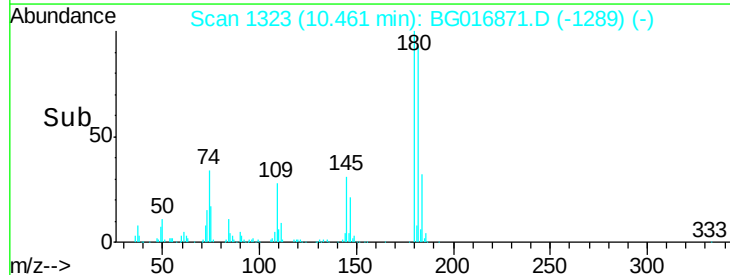
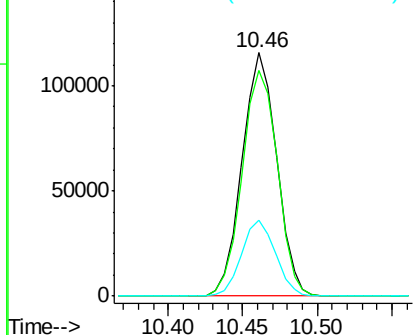


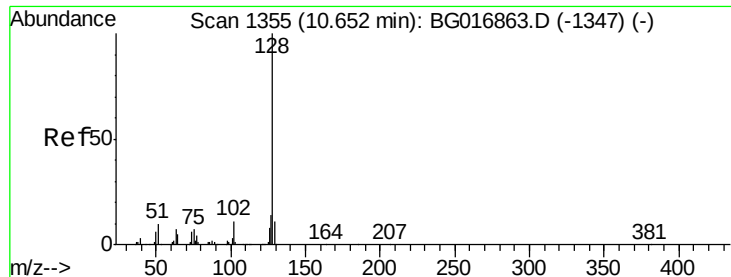
#30
 1,2,4-Trichlorobenzene
 Concen: 39.00 ng
 RT: 10.46 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	73.8	110.8
145	31.4	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

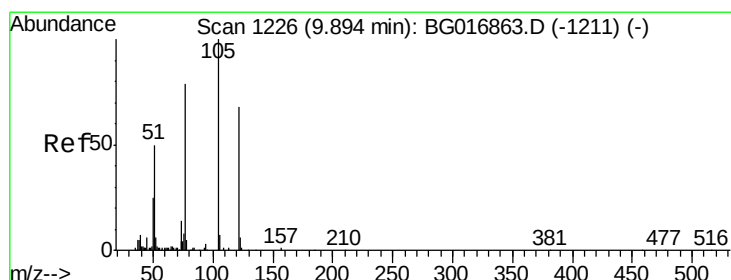
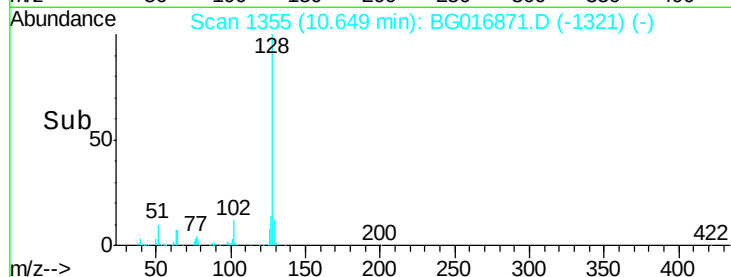
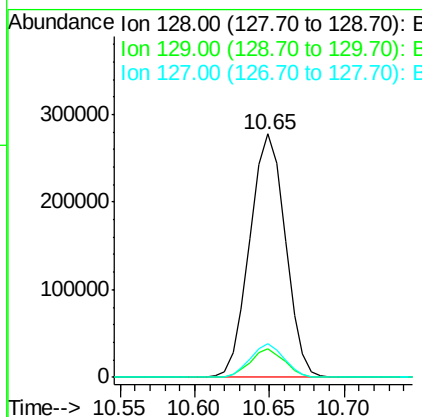
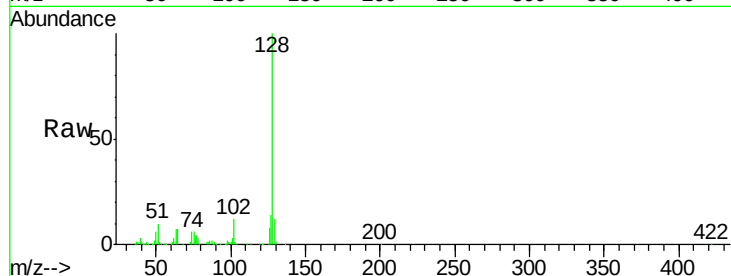




#31
Naphthalene
Concen: 29.57 ng
RT: 10.65 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

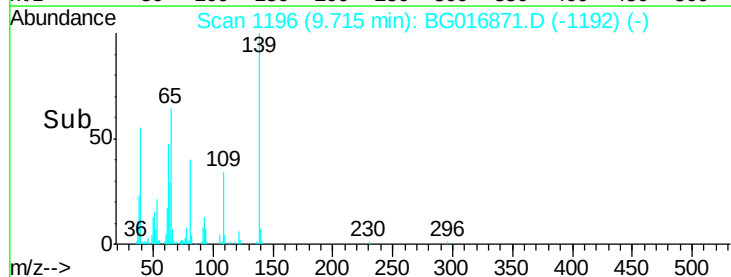
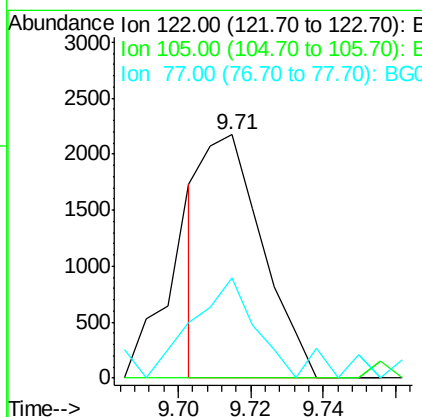
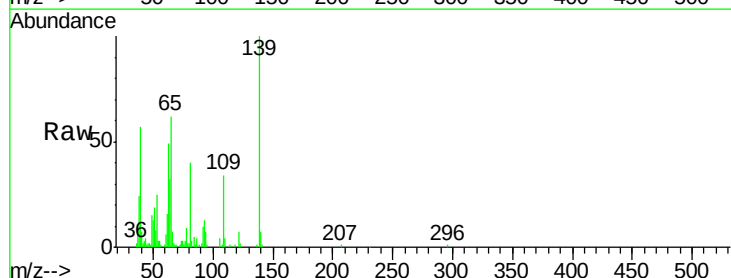
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

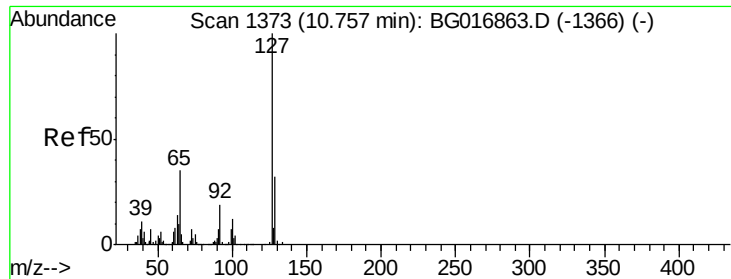
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.9	16.3



#32
Benzoic acid
Concen: 0.96 ng
RT: 9.71 min Scan# 1196
Delta R.T. -0.18 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.2	163.2#
77	41.0	93.0	133.0#

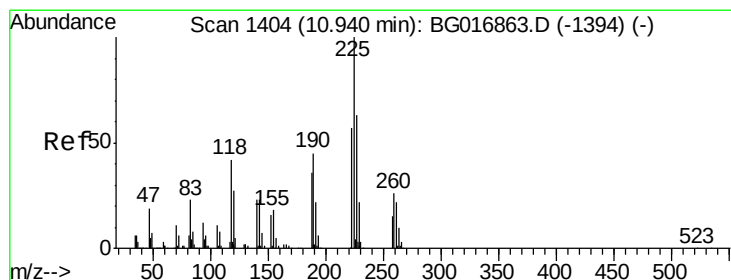
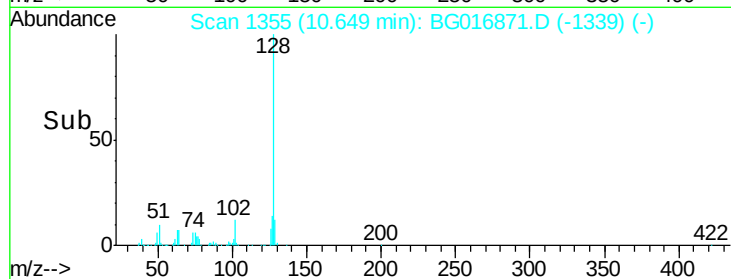
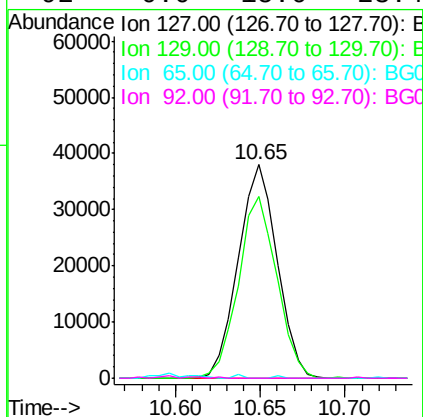
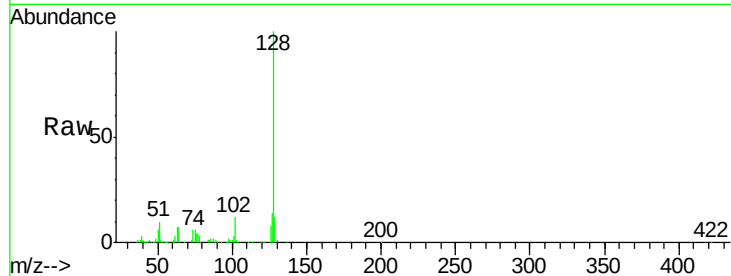




#33
 4-Chloroaniline
 Concen: 8.51 ng
 RT: 10.65 min Scan# 1355
 Delta R.T. -0.11 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

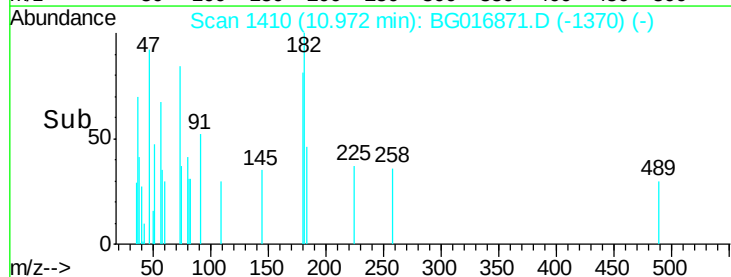
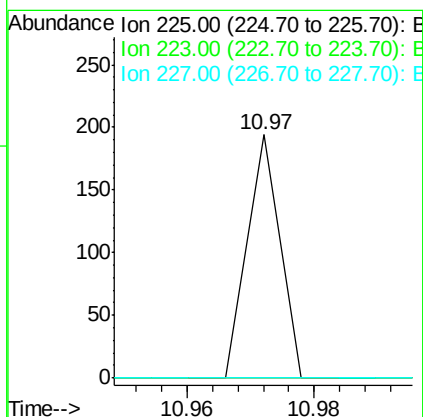
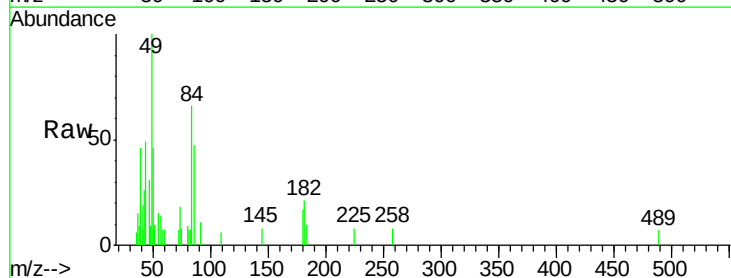
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILDL

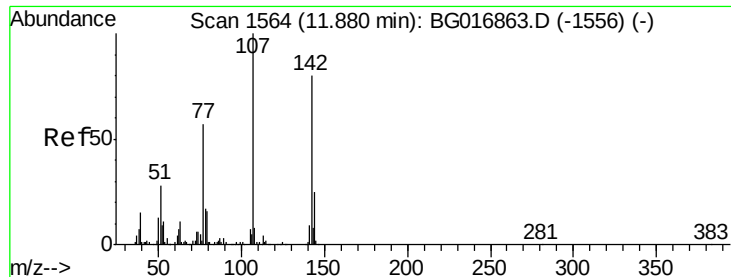
Tgt Ion:	127	Resp:	60902
Ion Ratio	Lower	Upper	
127	100		
129	84.9	25.8	38.6#
65	0.0	28.2	42.2#
92	0.0	15.6	23.4#



#34
 Hexachlorobutadiene
 Concen: 0.02 ng
 RT: 10.97 min Scan# 1410
 Delta R.T. 0.03 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion:	225	Resp:	68
Ion Ratio	Lower	Upper	
225	100		
223	0.0	45.8	68.6#
227	0.0	50.7	76.1#

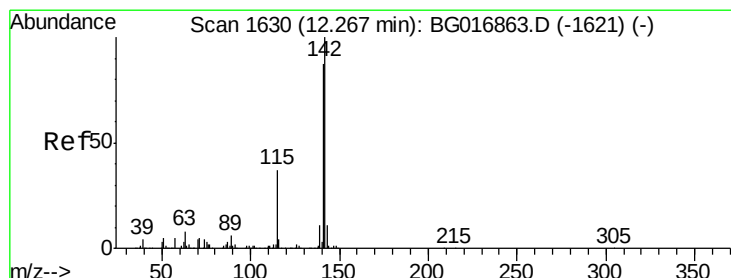
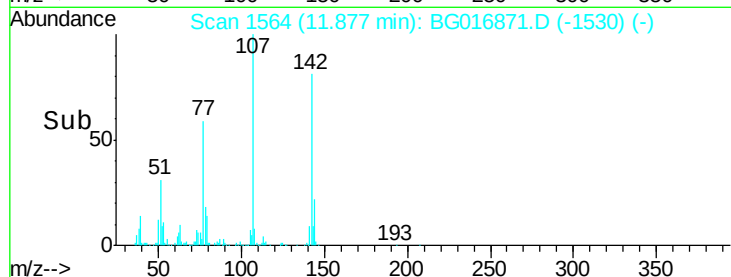
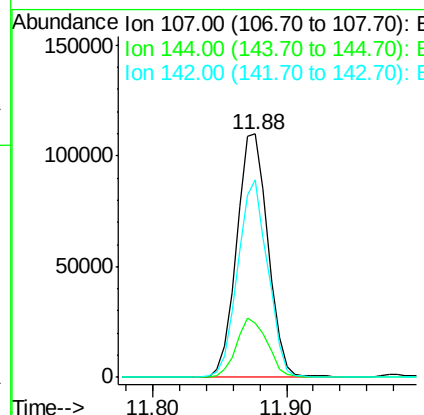
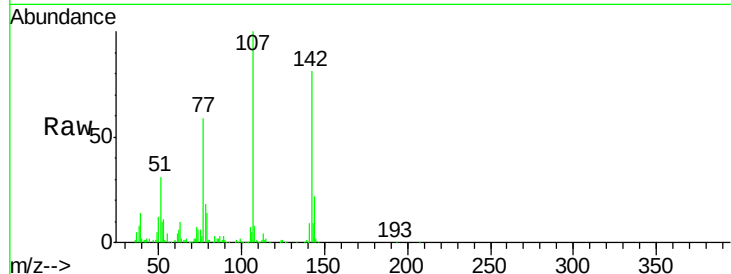




#36
 4-Chloro-3-methylphenol
 Concen: 31.21 ng
 RT: 11.88 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

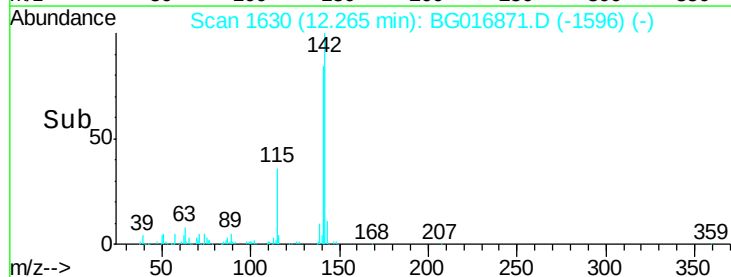
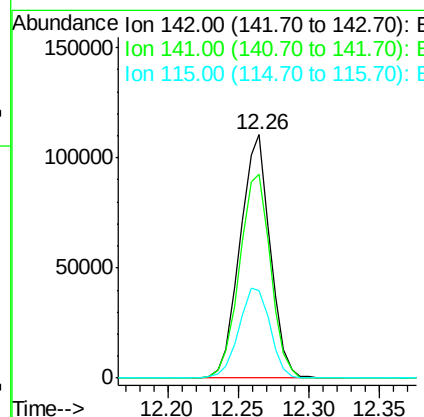
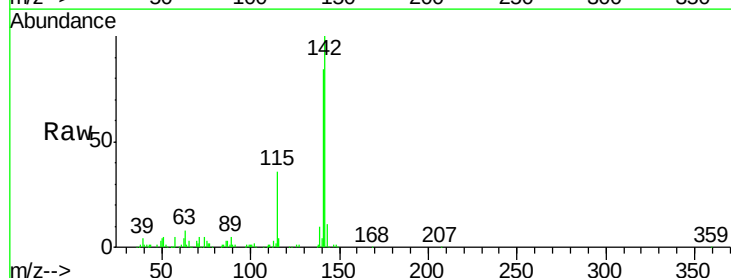
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

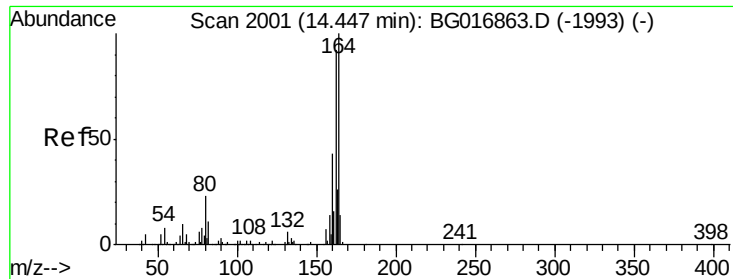
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	20.2	30.2
142	81.2	64.2	96.2



#37
 2-Methylnaphthalene
 Concen: 13.95 ng
 RT: 12.26 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.8	69.9	104.9
115	35.9	29.8	44.8

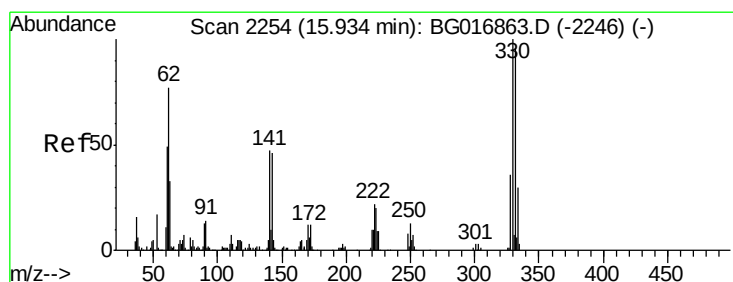
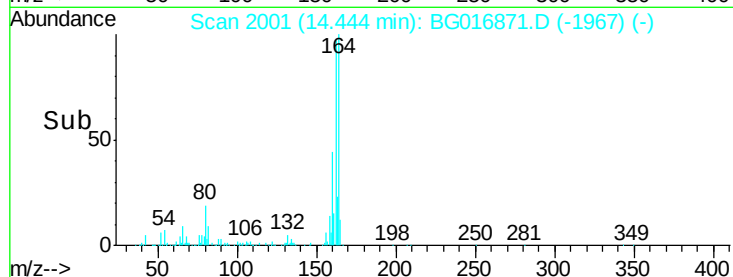
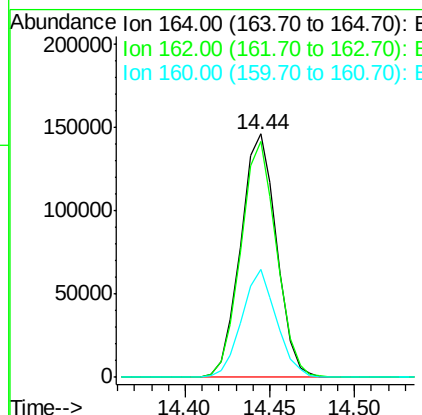
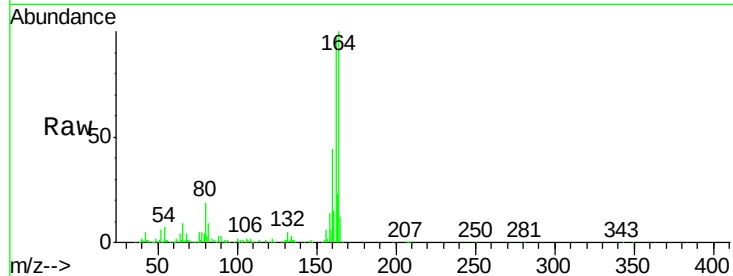




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

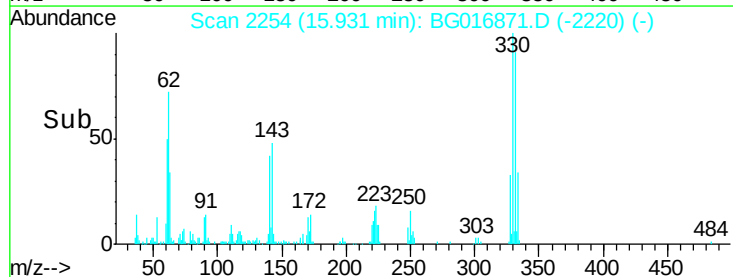
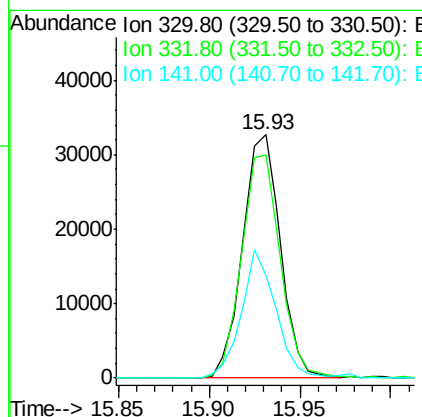
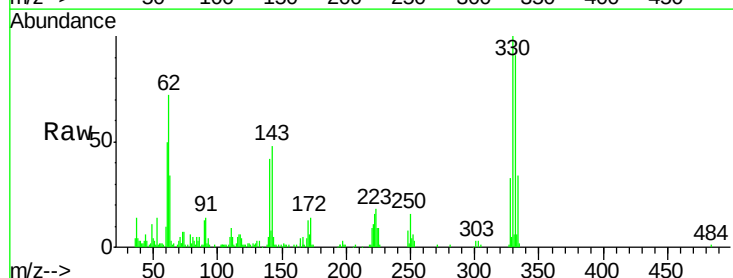
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

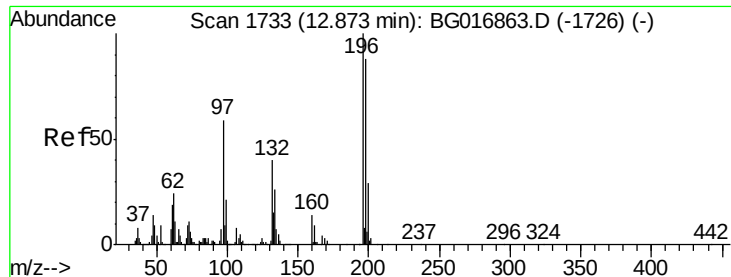
Tgt Ion:164 Resp: 215419
Ion Ratio Lower Upper
164 100
162 96.8 74.0 111.0
160 44.2 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 21.94 ng
RT: 15.93 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion:330 Resp: 47444
Ion Ratio Lower Upper
330 100
332 94.0 0.0 0.0#
141 47.9 0.0 0.0#

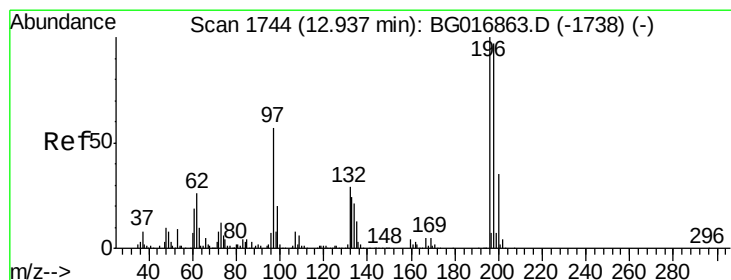
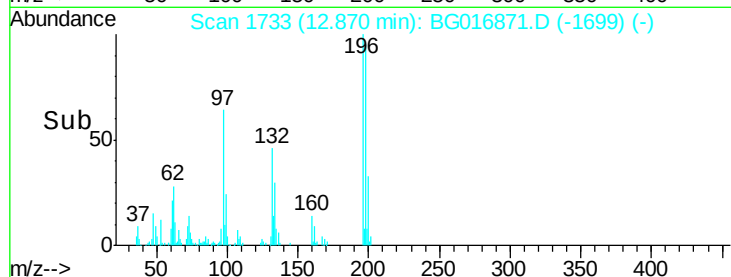
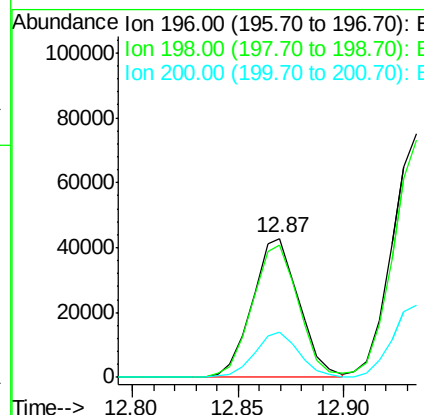
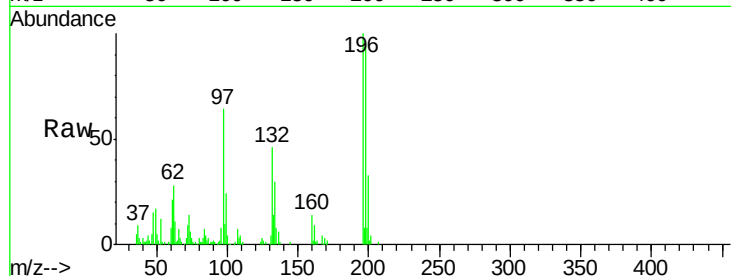




#42
 2,4,6-Trichlorophenol
 Concen: 15.79 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

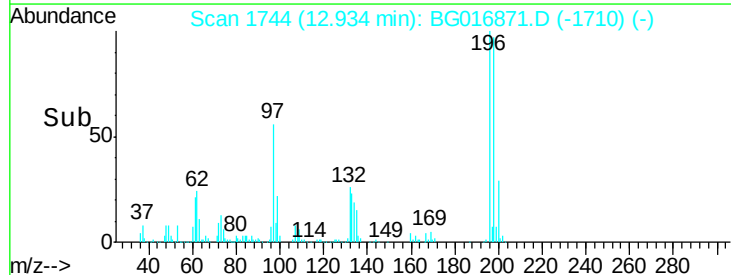
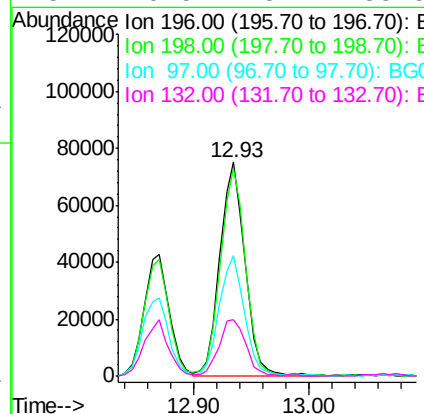
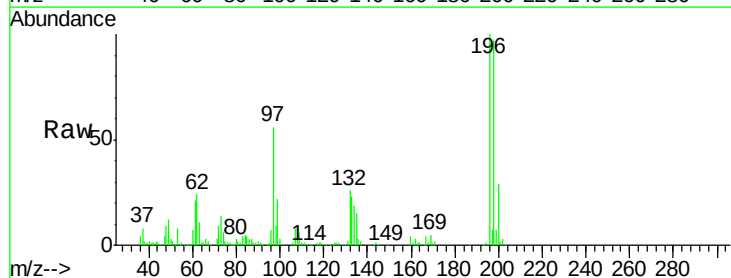
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

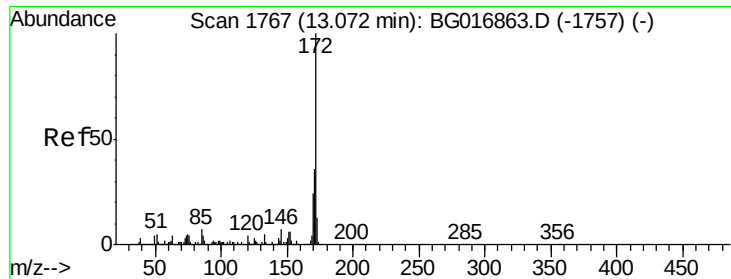
Tgt Ion:196 Resp: 65163
 Ion Ratio Lower Upper
 196 100
 198 95.1 70.7 106.1
 200 32.8 23.0 34.4



#43
 2,4,5-Trichlorophenol
 Concen: 25.80 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion:196 Resp: 113017
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.5 116.3
 97 56.3 45.9 68.9
 132 26.5 23.7 35.5





#44

2-Fluorobiphenyl

Concen: 14.41 ng

RT: 13.06 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

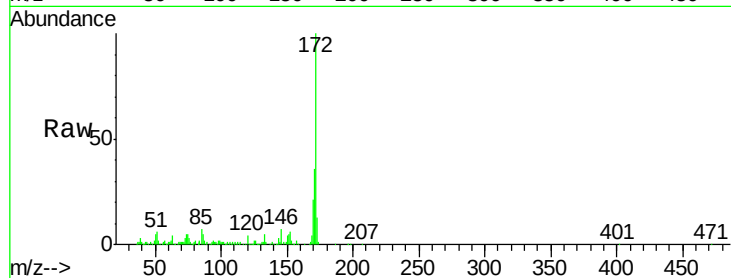
Tgt Ion:172 Resp: 205678

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

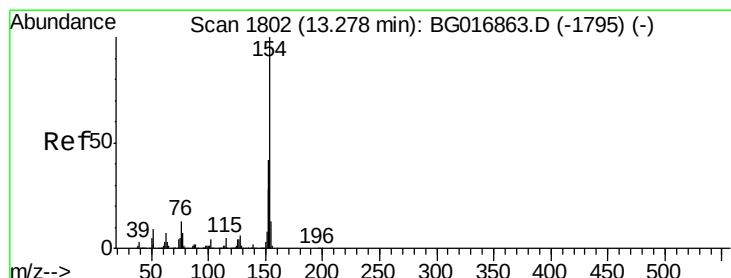
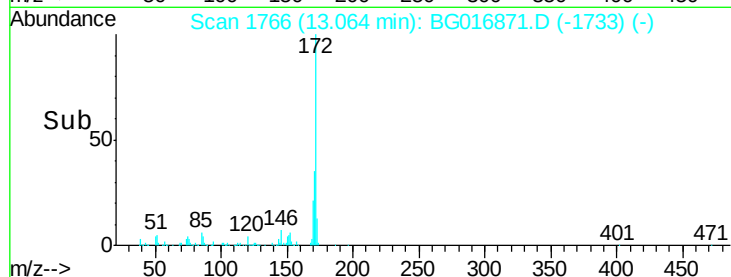
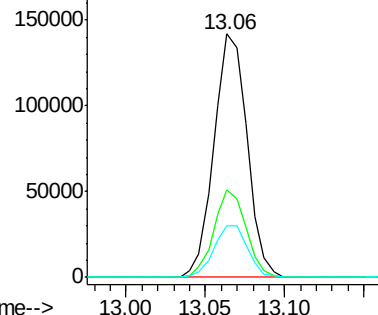
170 21.1 19.0 28.4



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: 0.00 ng

RT: 13.10 min Scan# 1773

Delta R.T. -0.17 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

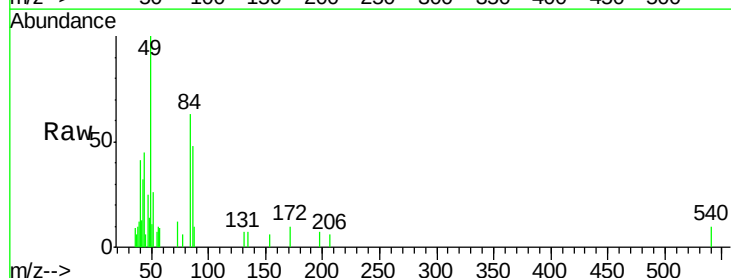
Tgt Ion:154 Resp: 59

Ion Ratio Lower Upper

154 100

153 0.0 22.0 62.0#

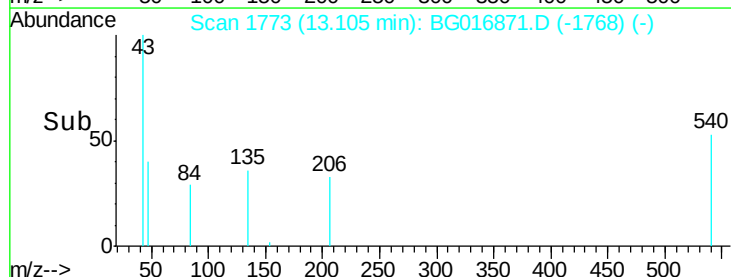
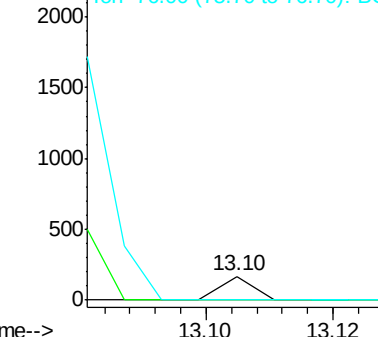
76 0.0 0.0 33.3

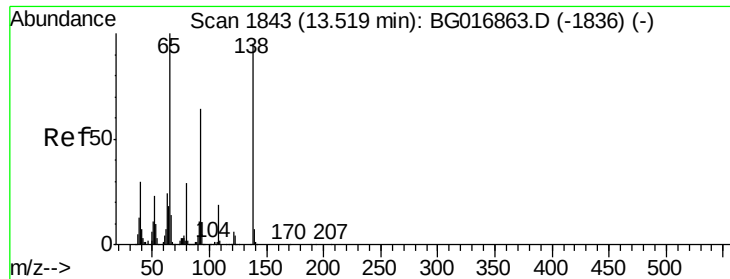


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

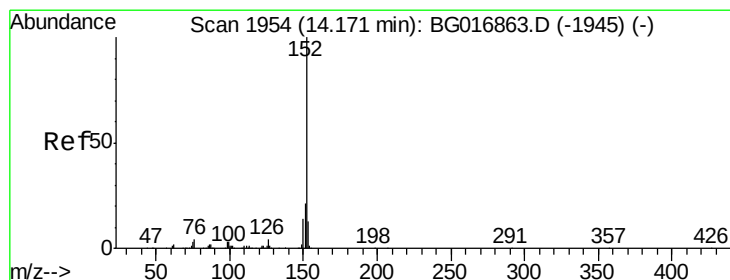
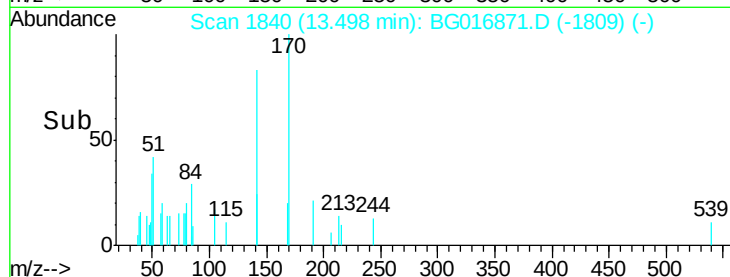
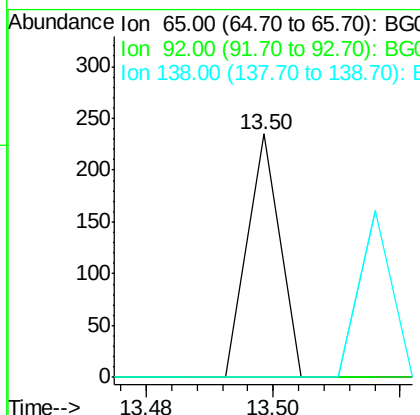
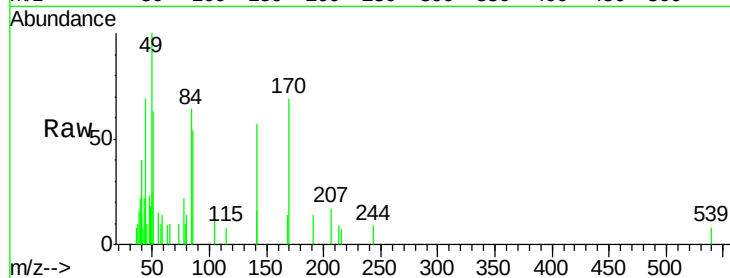




#47
2-Nitroaniline
Concen: 0.02 ng
RT: 13.50 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

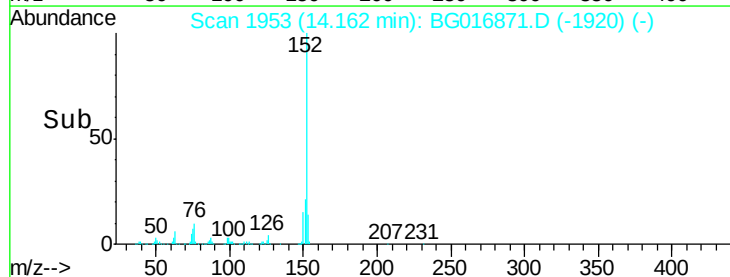
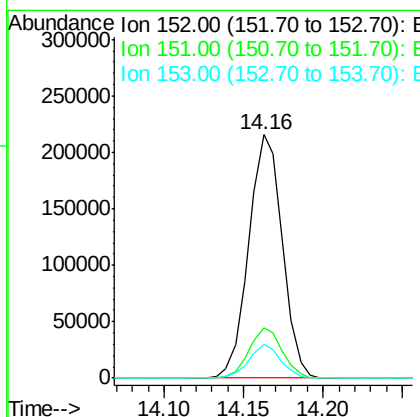
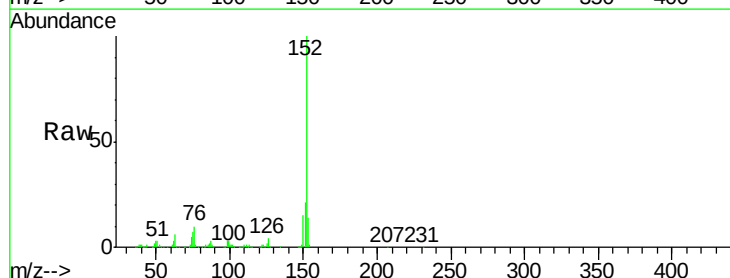
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

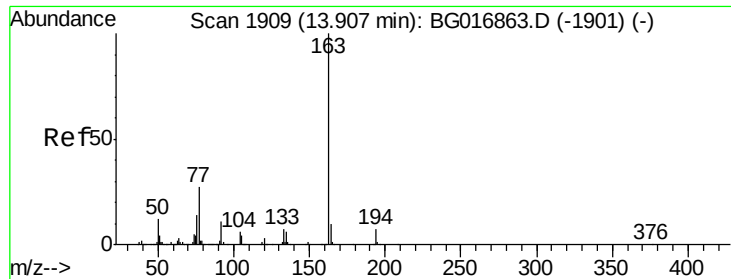
Tgt Ion: 65 Resp: 83
Ion Ratio Lower Upper
65 100
92 0.0 51.0 76.6#
138 0.0 76.2 114.2#



#48
Acenaphthylene
Concen: 14.89 ng
RT: 14.16 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion: 152 Resp: 316762
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 0.37 ng

RT: 13.90 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

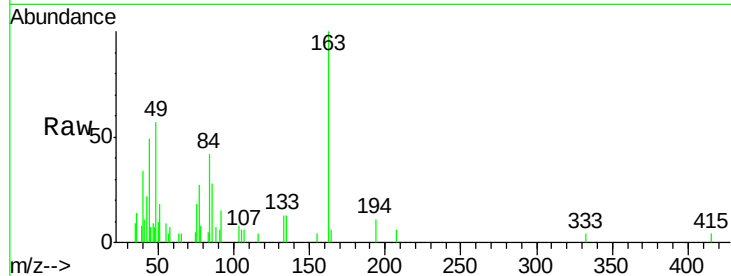
Tgt Ion:163 Resp: 5911

Ion Ratio Lower Upper

163 100

194 11.5 5.2 7.8#

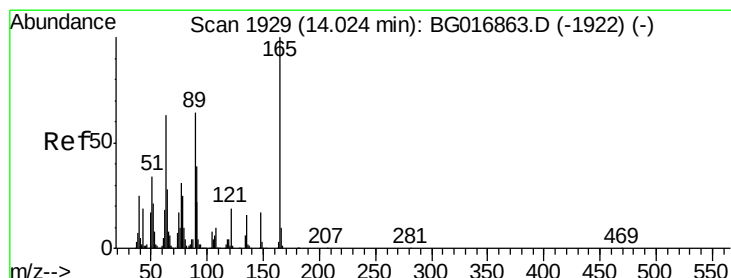
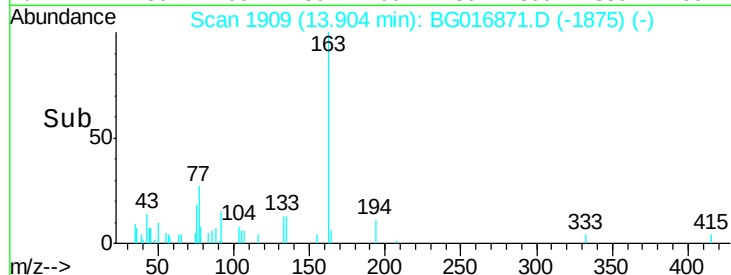
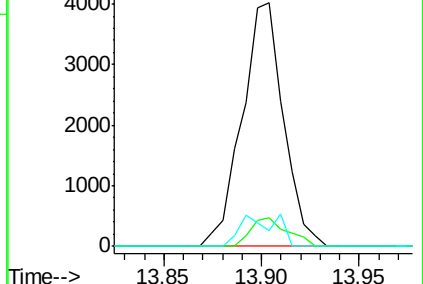
164 6.4 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.02 ng

RT: 14.09 min Scan# 1941

Delta R.T. 0.07 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

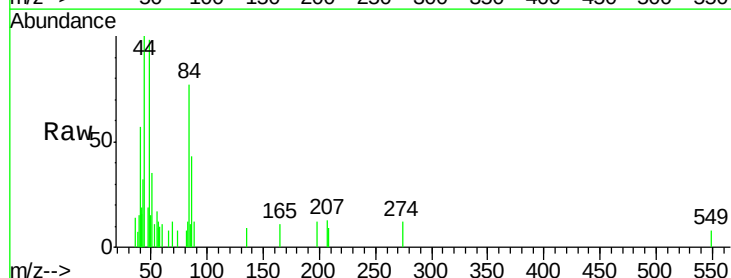
Tgt Ion:165 Resp: 82

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

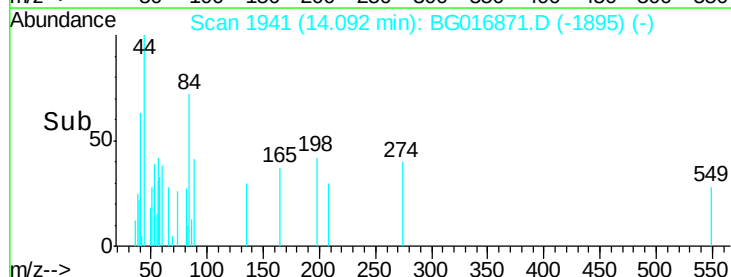
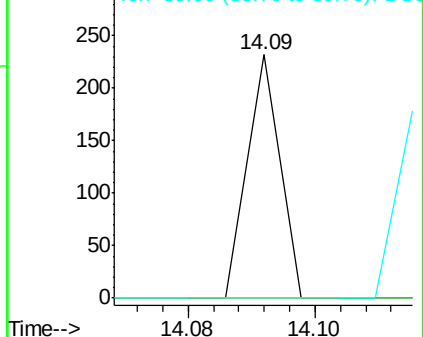
89 0.0 51.4 77.2#

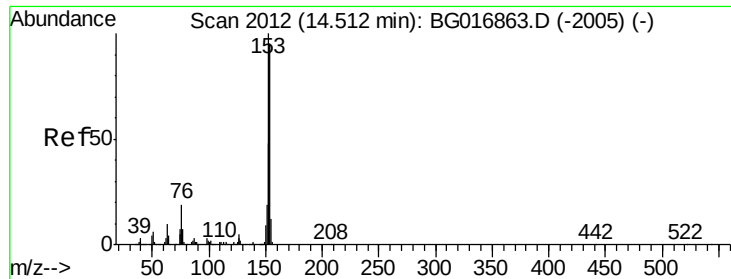


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 33.22 ng

RT: 14.51 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

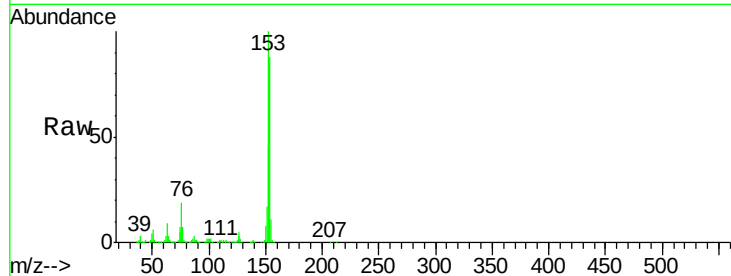
Tgt Ion:154 Resp: 420655

Ion Ratio Lower Upper

154 100

153 114.1 84.2 126.4

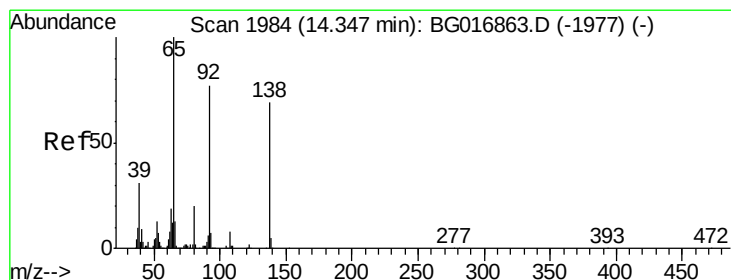
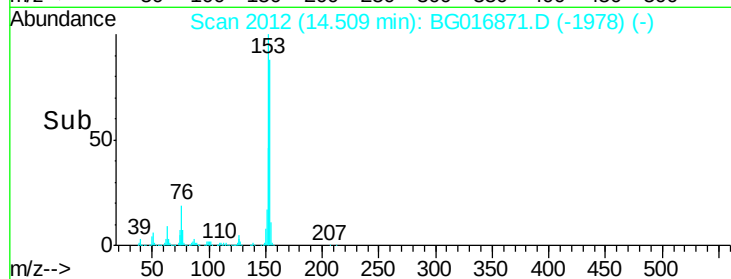
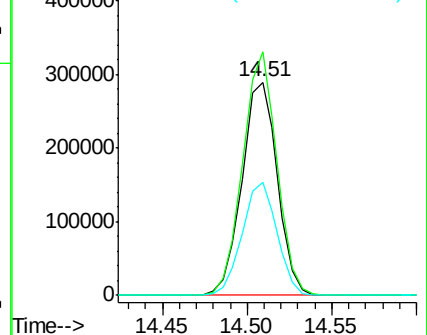
152 52.8 40.2 60.2



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: 0.14 ng

RT: 14.50 min Scan# 2011

Delta R.T. 0.16 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

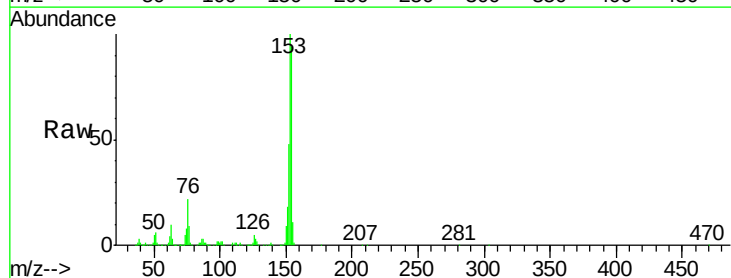
Tgt Ion:138 Resp: 538

Ion Ratio Lower Upper

138 100

108 0.0 9.5 14.3#

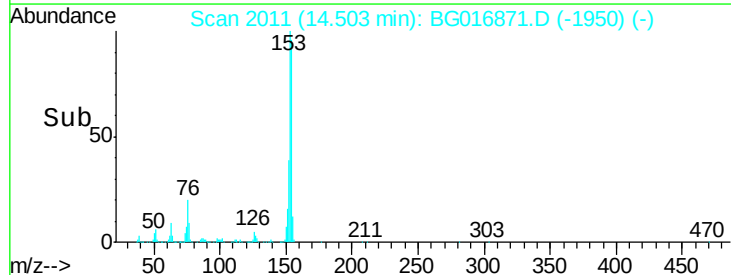
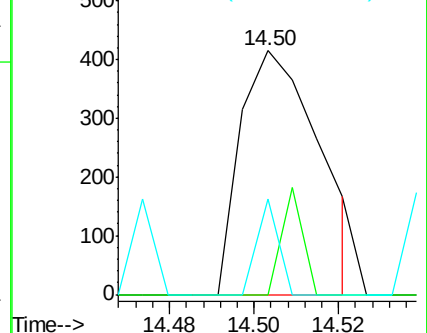
92 39.3 89.6 134.4#

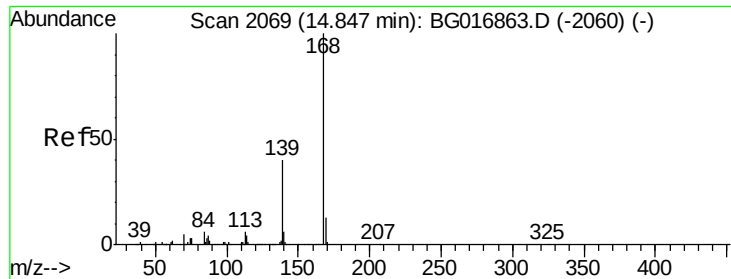


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





#54

Dibenzofuran

Concen: 0.01 ng

RT: 14.84 min Scan# 2069

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

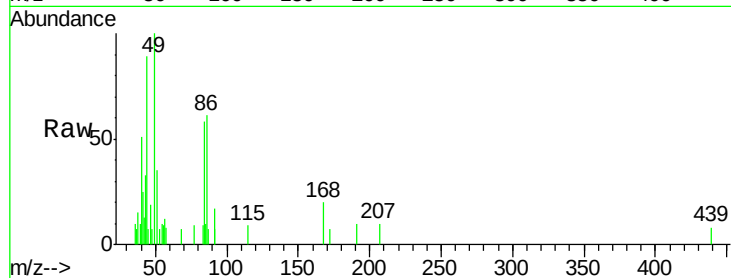
Tgt Ion:168 Resp: 162

Ion Ratio Lower Upper

168 100

139 0.0 32.5 48.7#

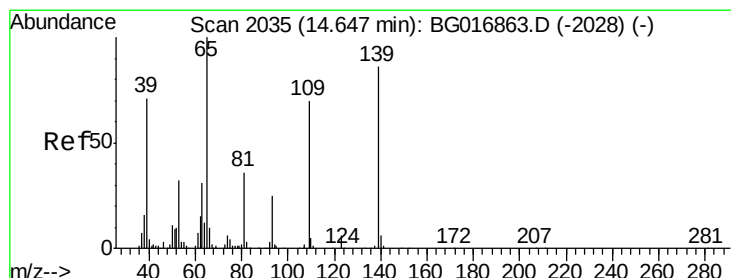
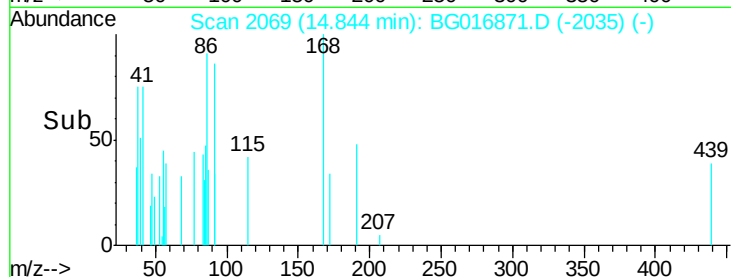
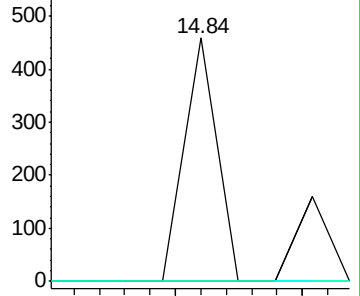
169 0.0 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 1.27 ng

RT: 14.51 min Scan# 2012

Delta R.T. -0.14 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

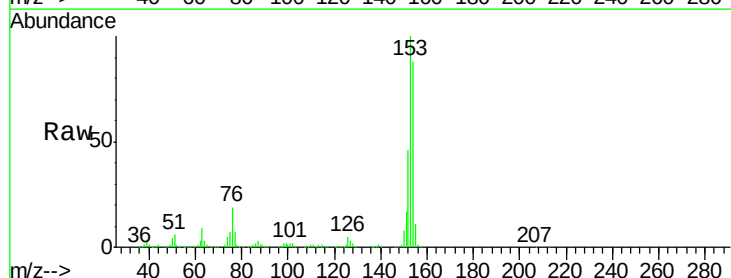
Tgt Ion:139 Resp: 4103

Ion Ratio Lower Upper

139 100

109 39.7 61.8 101.8#

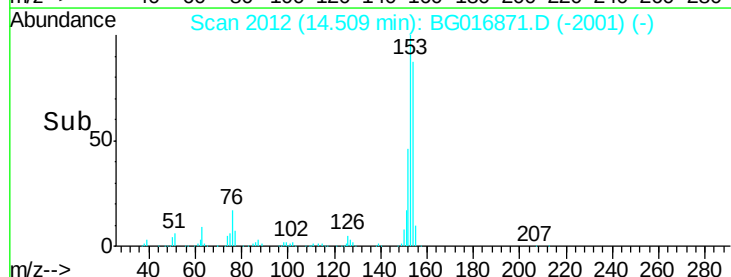
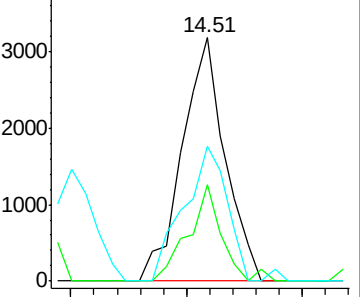
65 55.2 96.8 136.8#

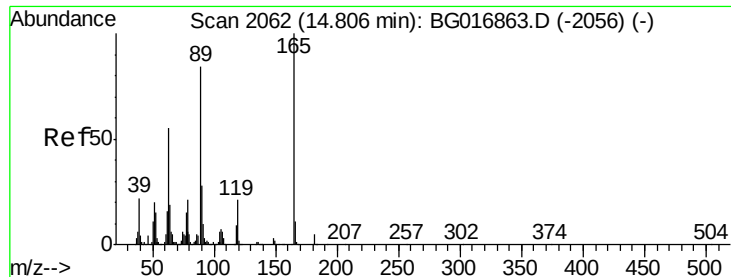


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

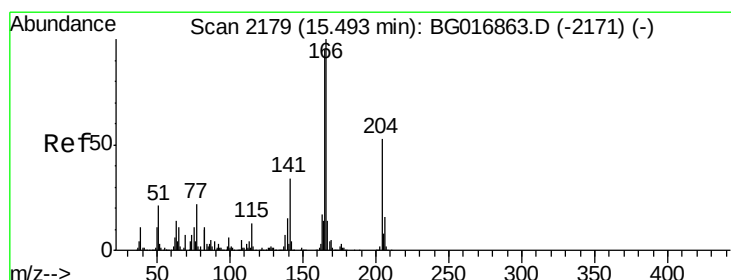
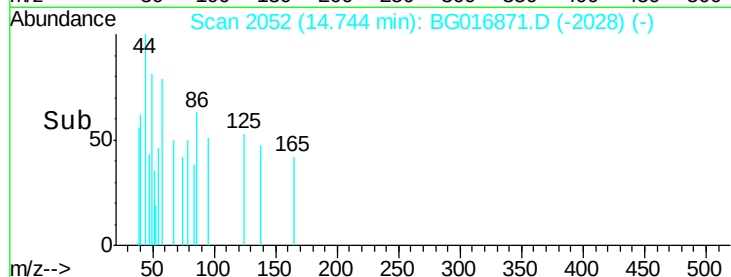
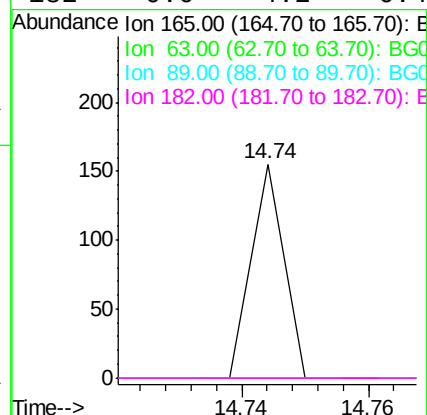
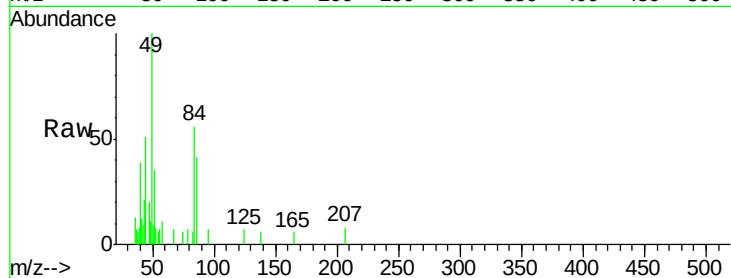




#56
2,4-Dinitrotoluene
Concen: 0.01 ng
RT: 14.74 min Scan# 2052
Delta R.T. -0.06 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

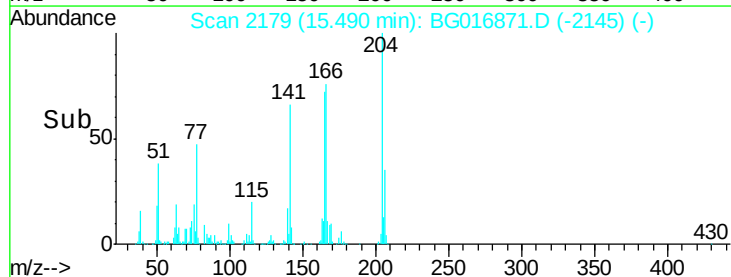
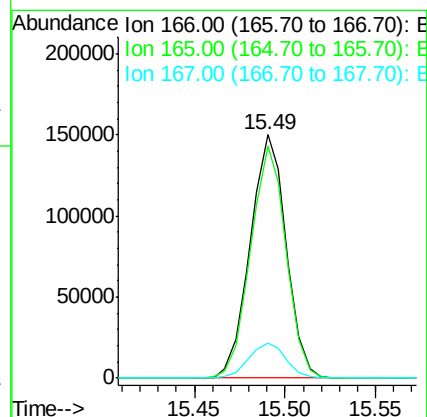
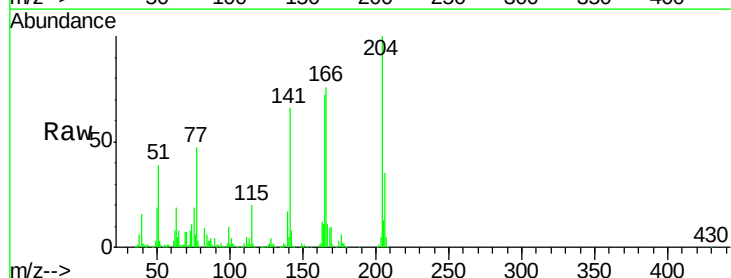
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

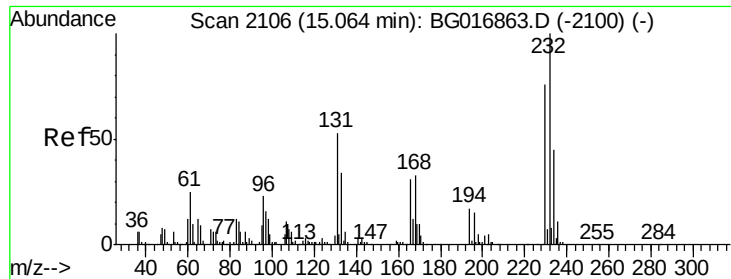
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.2	66.4#
89	0.0	67.2	100.8#
182	0.0	4.2	6.4#



#57
Fluorene
Concen: 13.07 ng
RT: 15.49 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.1	114.1
167	14.2	11.4	17.2

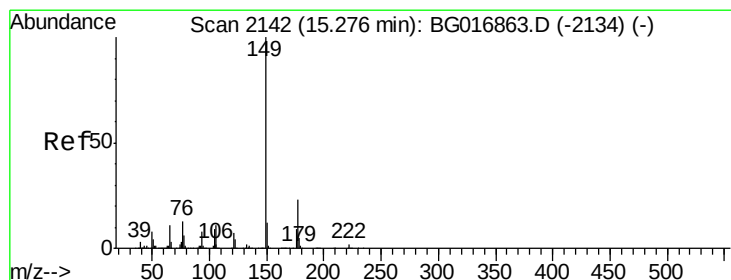
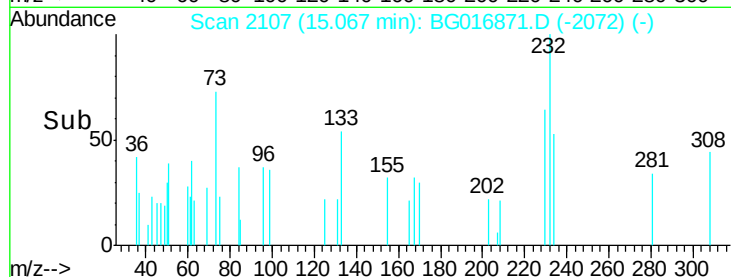
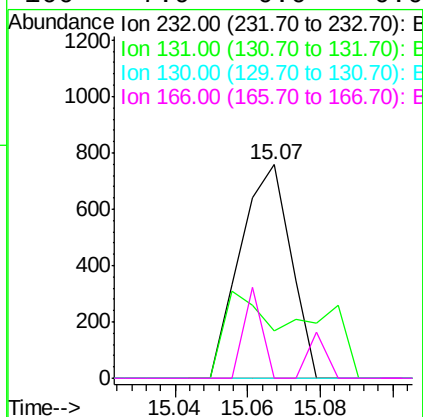
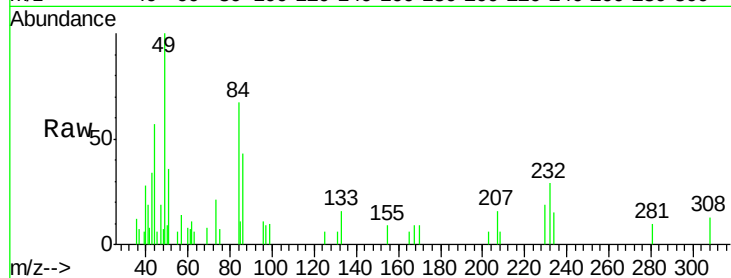




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.19 ng
 RT: 15.07 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

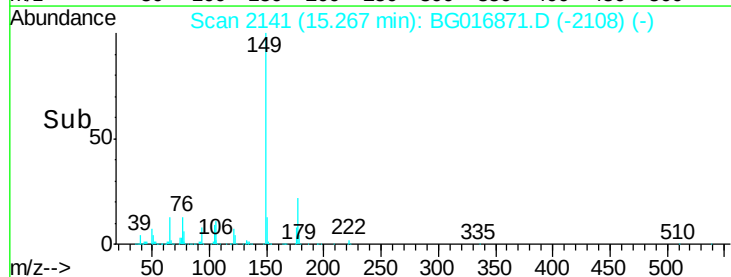
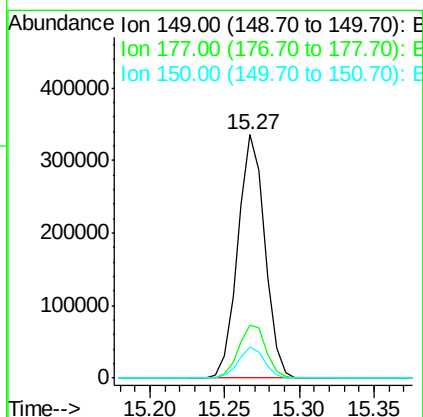
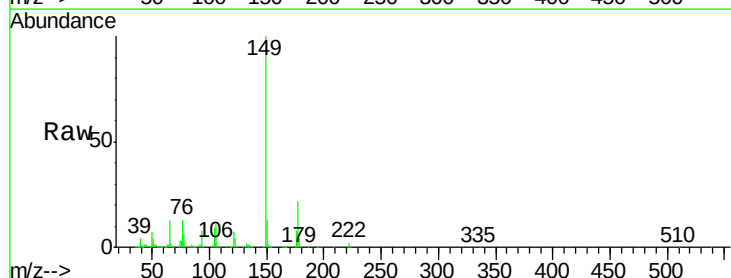
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

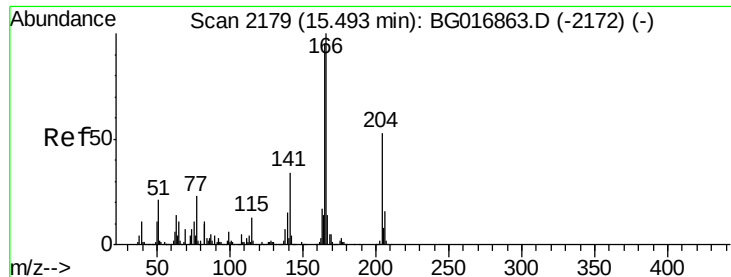
Tgt Ion:	232	Resp:	731
Ion	Ratio	Lower	Upper
232	100		
131	0.0	0.1	0.1#
130	0.0	0.0	0.0
166	7.9	0.0	0.0#



#59
 Diethylphthalate
 Concen: 24.83 ng
 RT: 15.27 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion:	149	Resp:	421595
Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.6	27.8
150	13.0	9.8	14.8

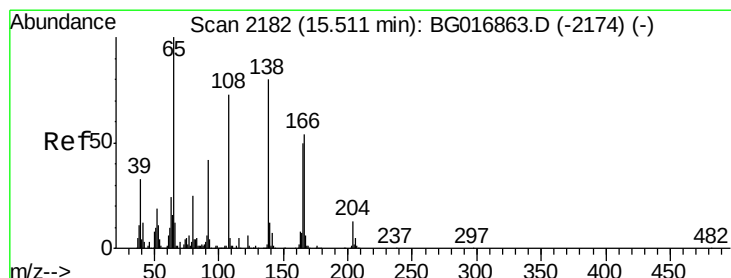
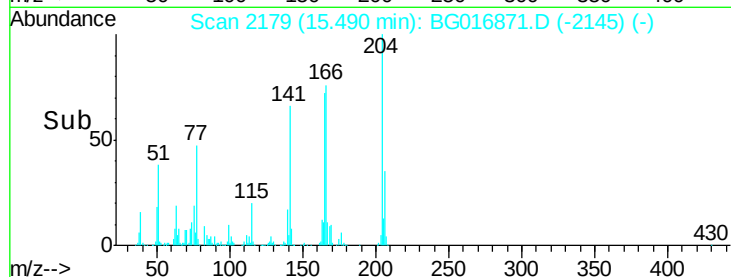
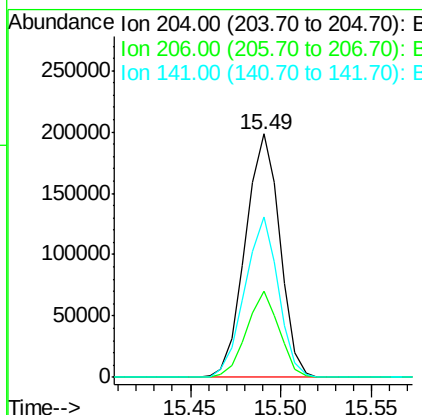
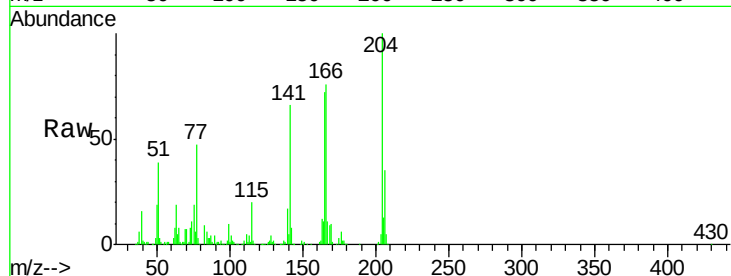




#60
 4-Chlorophenyl-phenylether
 Concen: 32.99 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

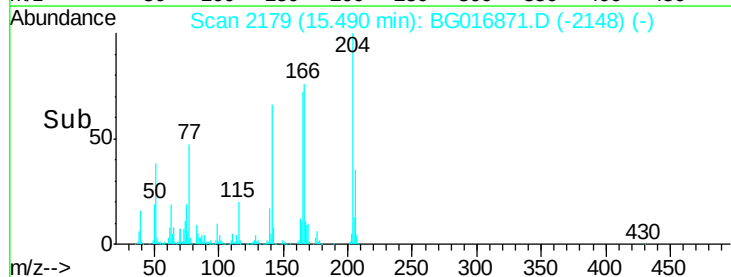
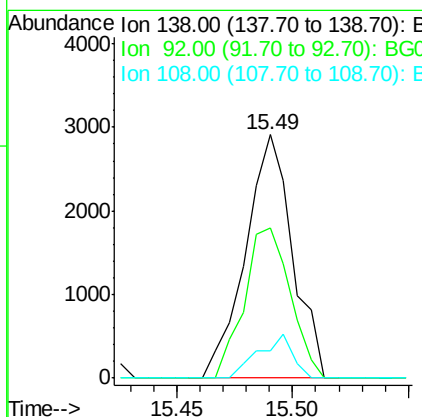
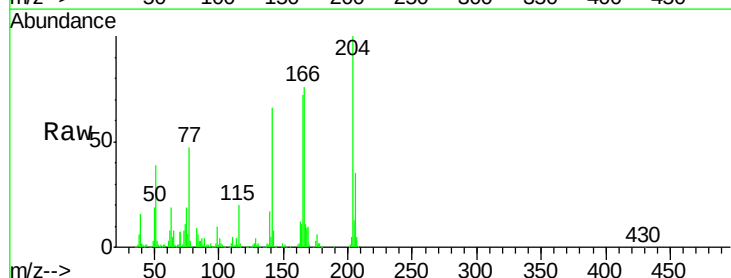
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

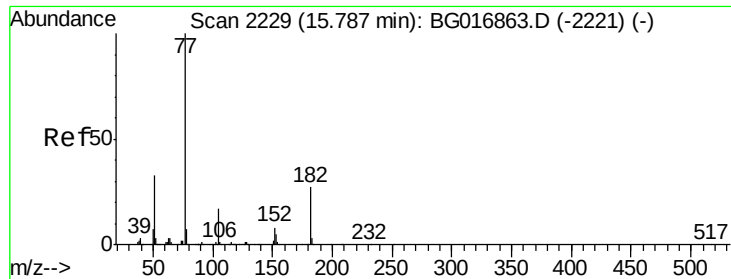
Tgt Ion: 204 Resp: 263806
 Ion Ratio Lower Upper
 204 100
 206 35.2 24.8 37.2
 141 65.8 52.4 78.6



#61
 4-Nitroaniline
 Concen: 0.94 ng
 RT: 15.49 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion: 138 Resp: 4123
 Ion Ratio Lower Upper
 138 100
 92 61.9 31.8 71.8
 108 11.1 70.6 110.6#





#62

Azobenzene

Concen: 0.24 ng

RT: 15.80 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

Tgt Ion: 77 Resp: 4185

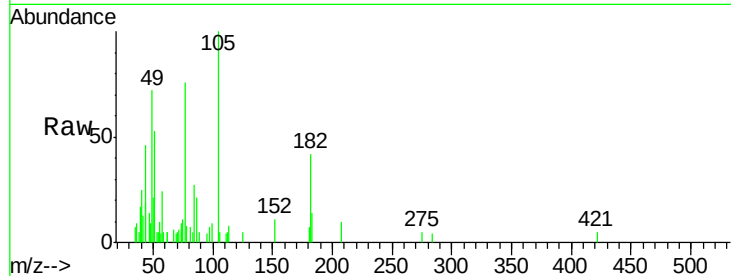
Ion Ratio Lower Upper

77 100

182 55.8 7.4 47.4#

105 132.1 0.0 36.6#

51 70.6 13.4 53.4#

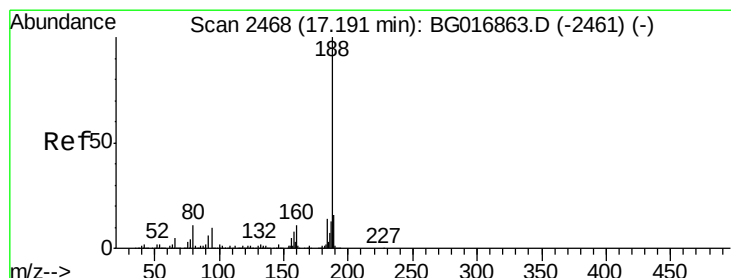
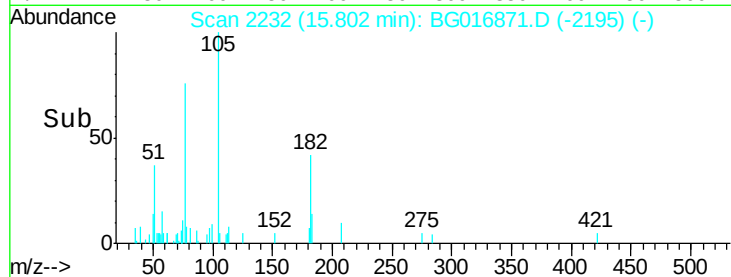
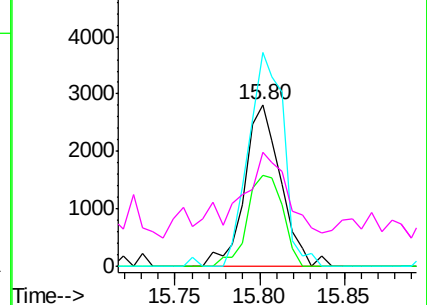


Abundance Ion 77.00 (76.70 to 77.70): BG

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): BG



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.19 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

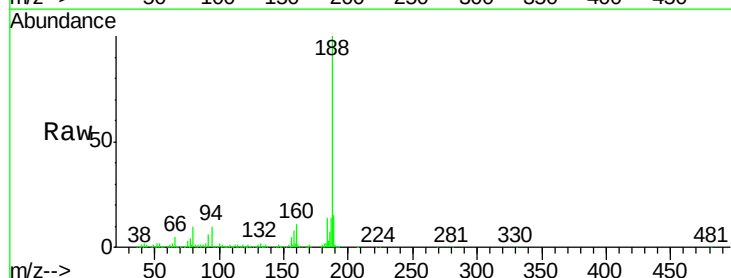
Tgt Ion: 188 Resp: 476646

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

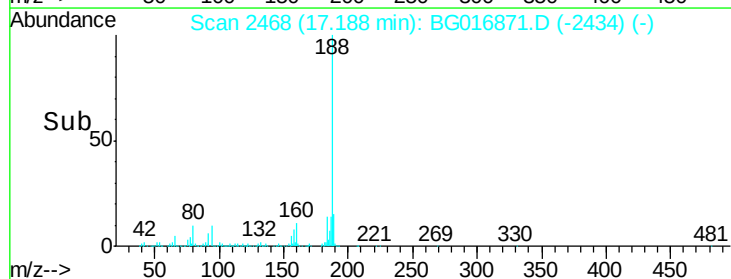
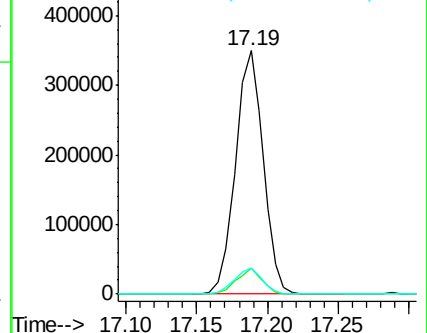
80 10.5 8.8 13.2

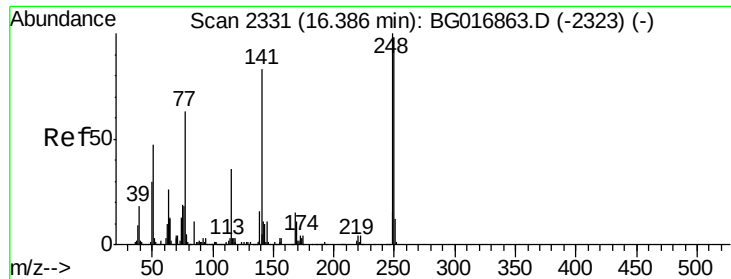


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

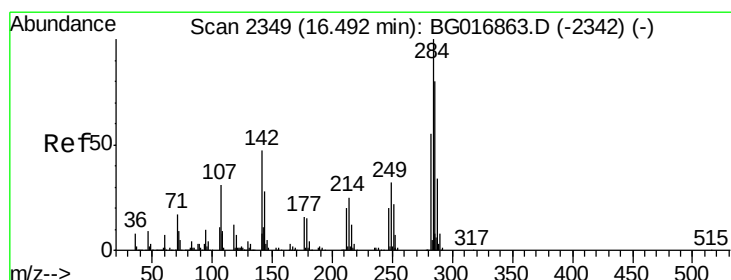
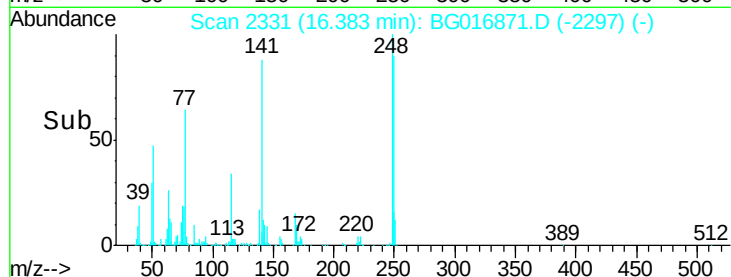
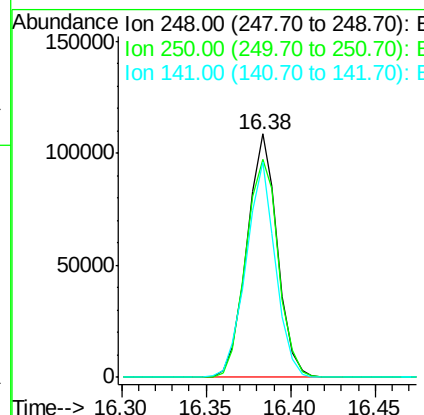
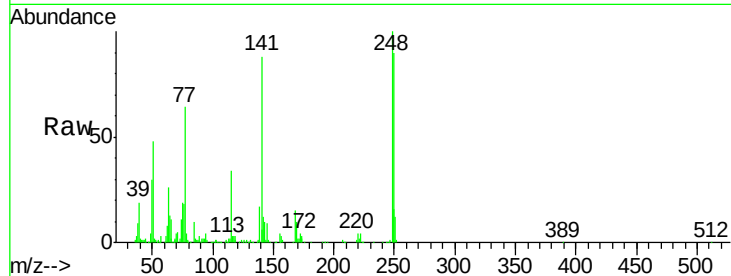




#66
4-Bromophenyl-phenylether
Concen: 28.40 ng
RT: 16.38 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

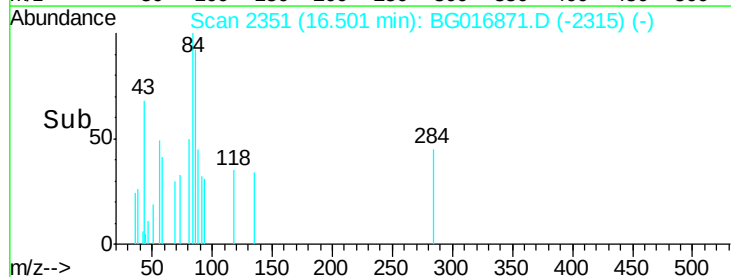
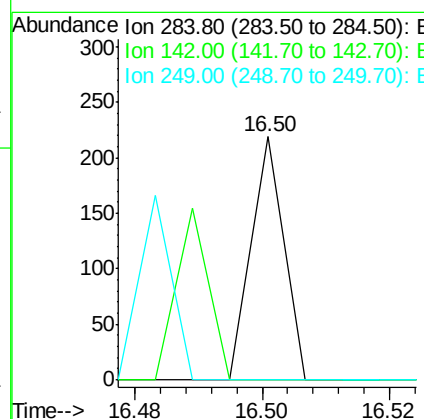
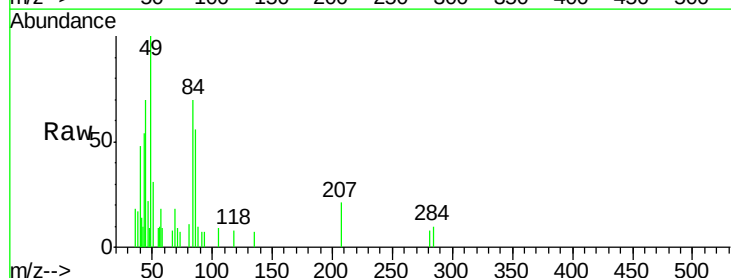
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

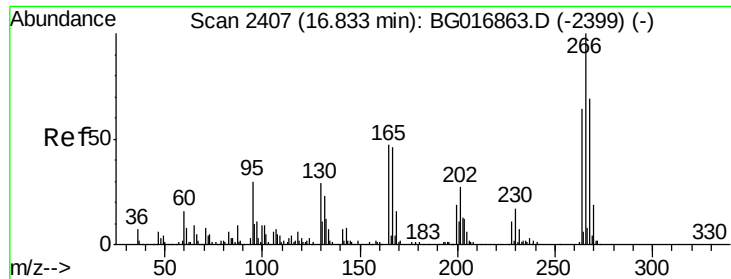
Tgt Ion:248 Resp: 135854
Ion Ratio Lower Upper
248 100
250 89.8 78.6 117.8
141 88.3 66.3 99.5



#67
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.50 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion:284 Resp: 77
Ion Ratio Lower Upper
284 100
142 0.0 37.4 56.0#
249 0.0 25.5 38.3#





#69

Pentachlorophenol

Concen: 18.71 ng

RT: 16.83 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

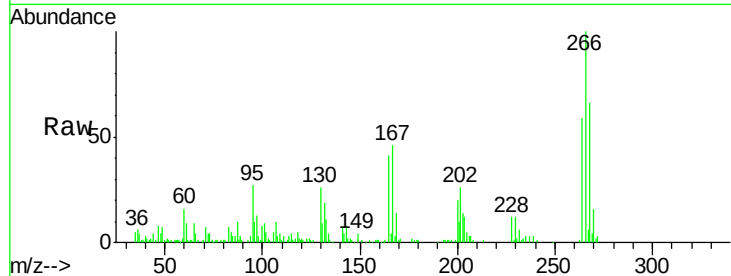
Tgt Ion:266 Resp: 61299

Ion Ratio Lower Upper

266 100

268 65.7 55.2 82.8

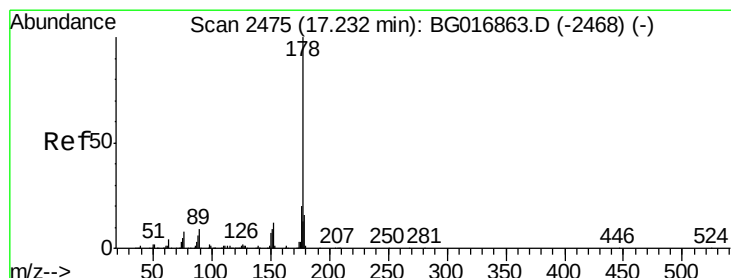
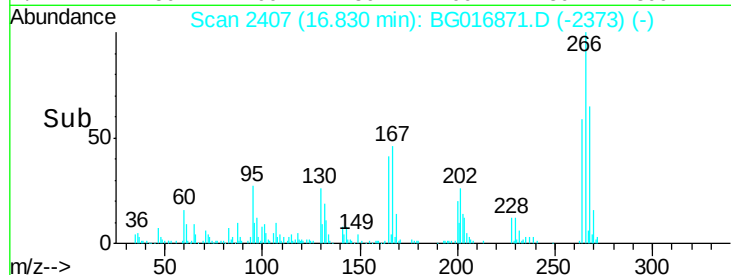
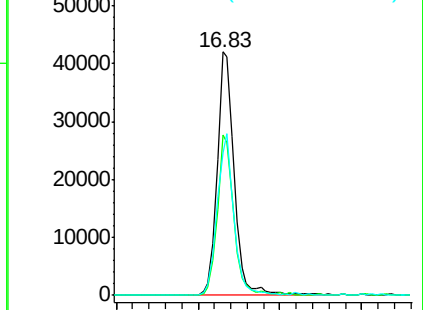
264 58.7 51.4 77.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 6.80 ng

RT: 17.23 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

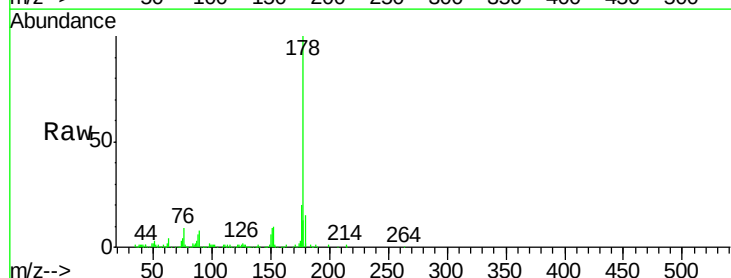
Tgt Ion:178 Resp: 166911

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

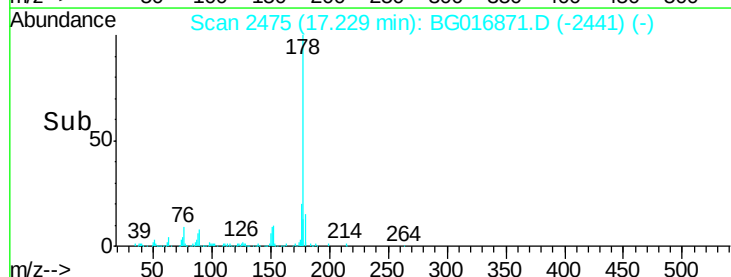
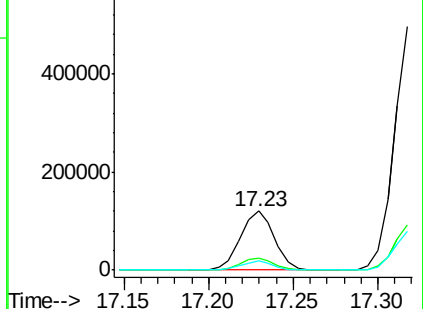
179 15.4 13.0 19.6

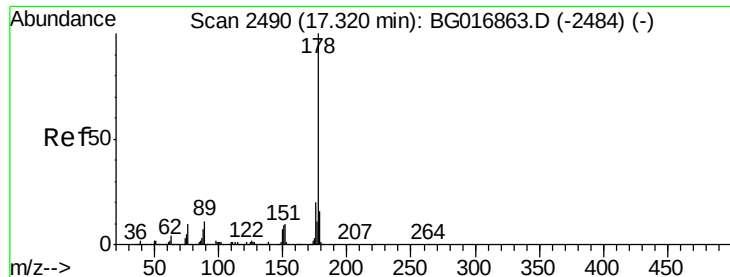


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.27 ng

RT: 17.32 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

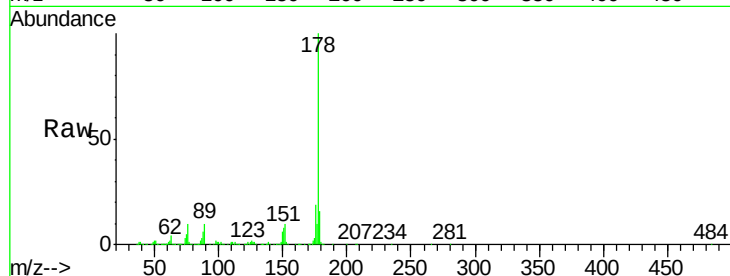
Tgt Ion:178 Resp: 724359

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.4

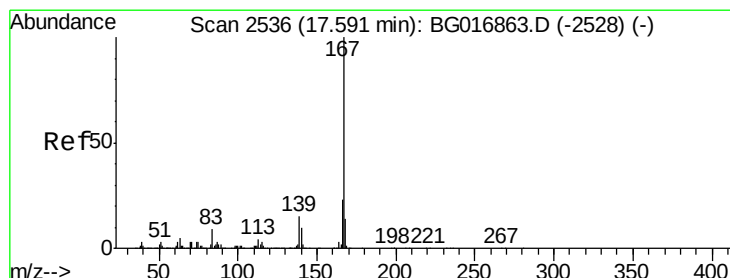
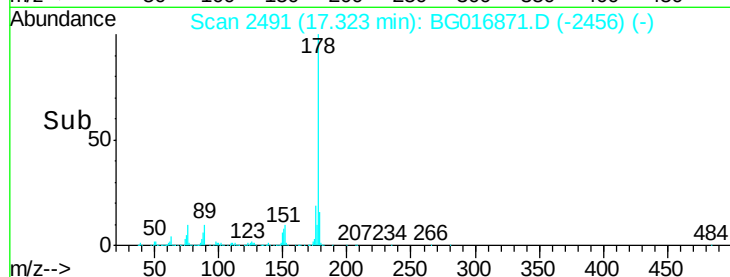
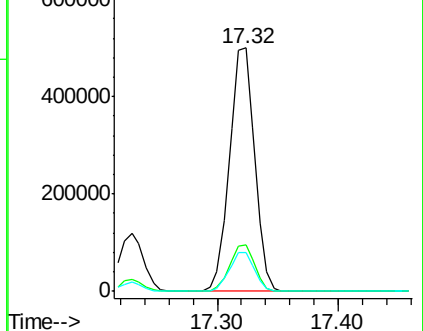
179 15.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.07 ng

RT: 17.59 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

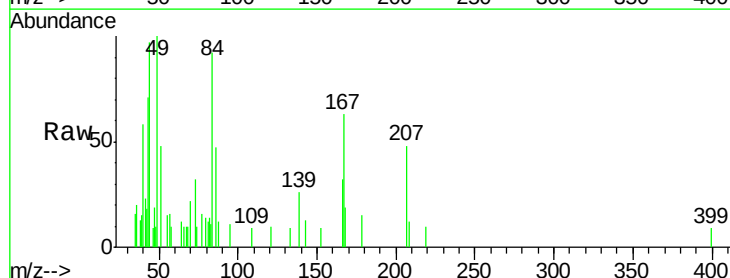
Tgt Ion:167 Resp: 1570

Ion Ratio Lower Upper

167 100

166 51.0 18.4 27.6#

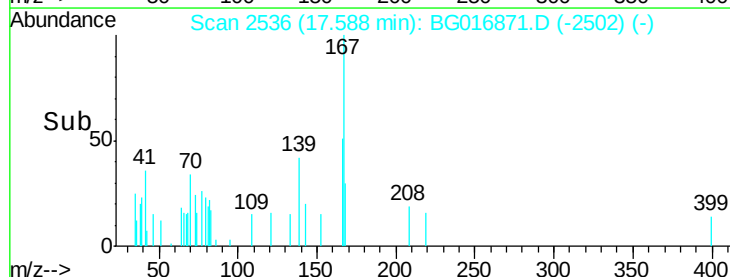
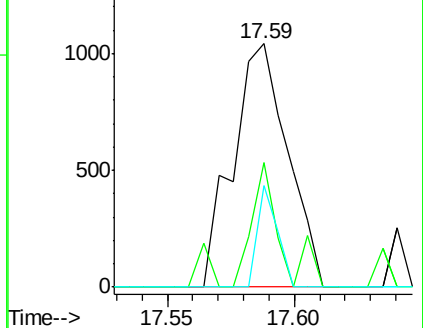
139 41.7 12.2 18.4#

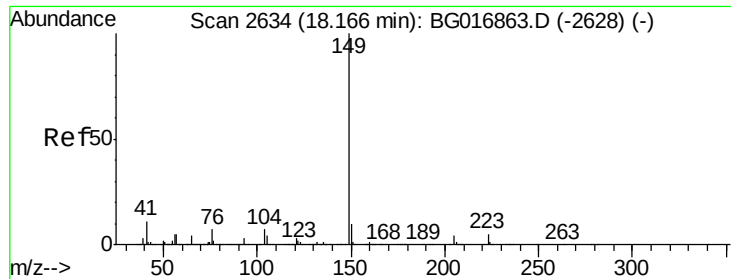


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

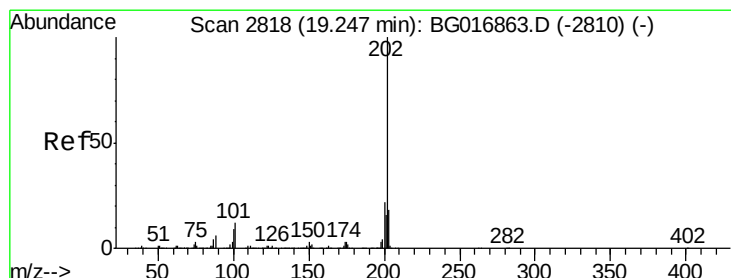
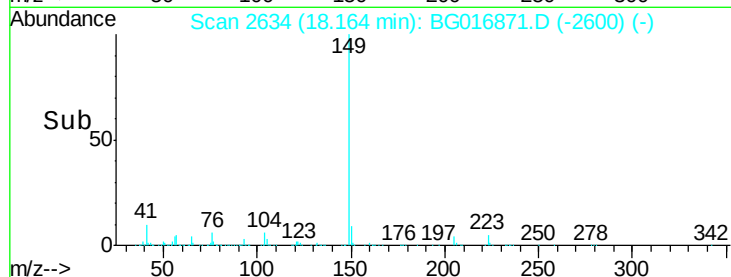
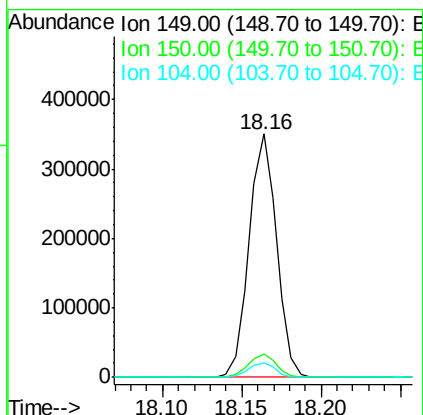
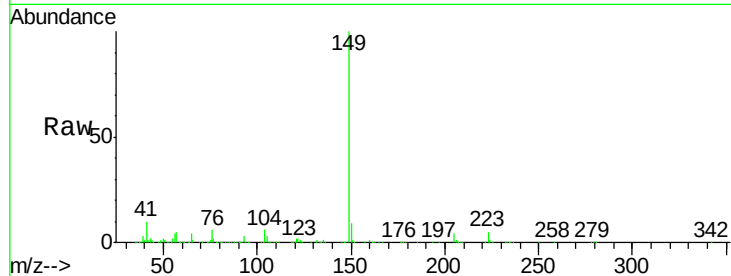




#73
Di-n-butylphthalate
Concen: 13.85 ng
RT: 18.16 min Scan# 2634
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

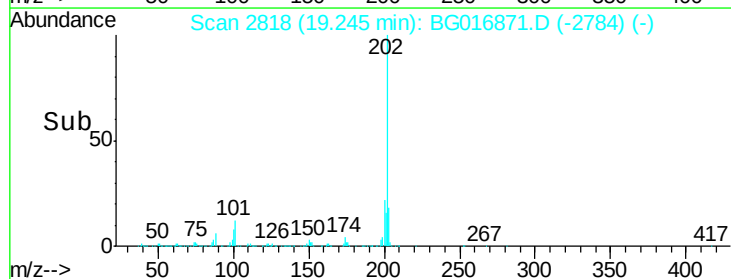
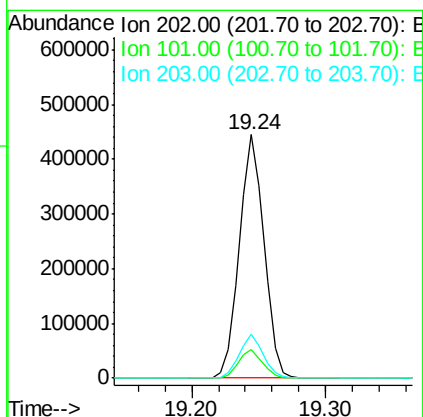
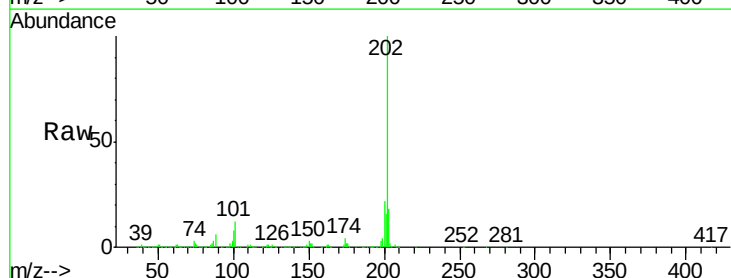
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILDL

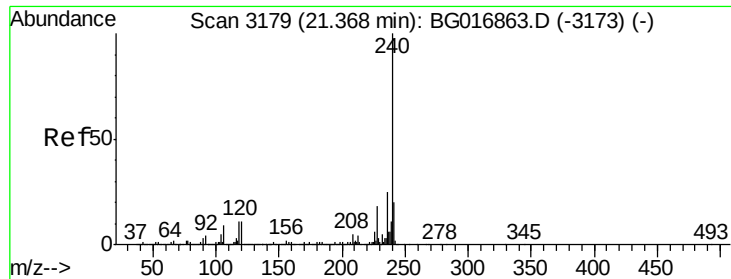
Tgt Ion:149 Resp: 422298
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 6.2 5.4 8.0



#74
Fluoranthene
Concen: 19.99 ng
RT: 19.24 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion:202 Resp: 568876
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.5
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

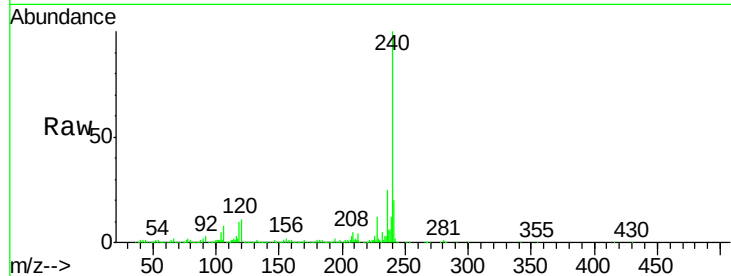
Tgt Ion:240 Resp: 493656

Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

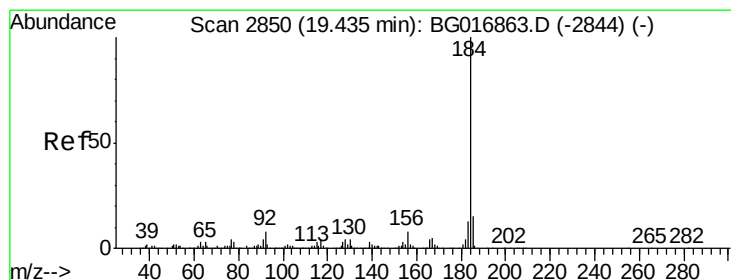
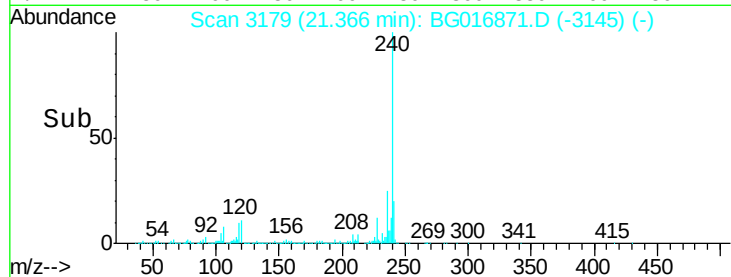
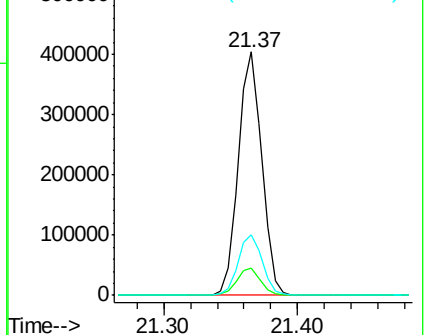
236 24.7 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.01 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

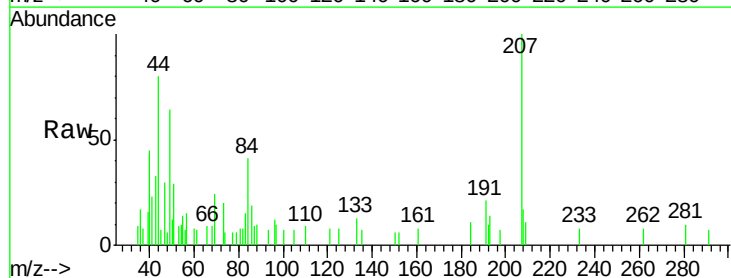
Tgt Ion:184 Resp: 227

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.6#

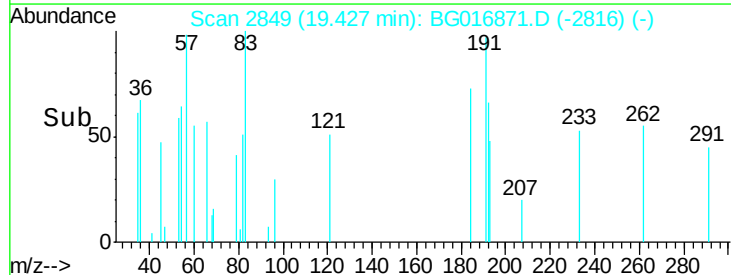
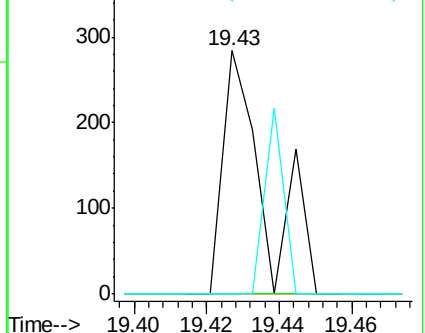
183 0.0 10.6 15.8#

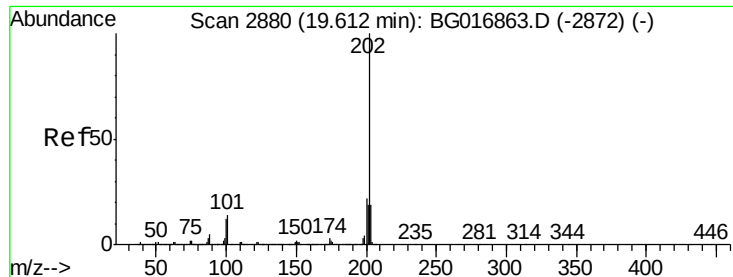


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 15.49 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

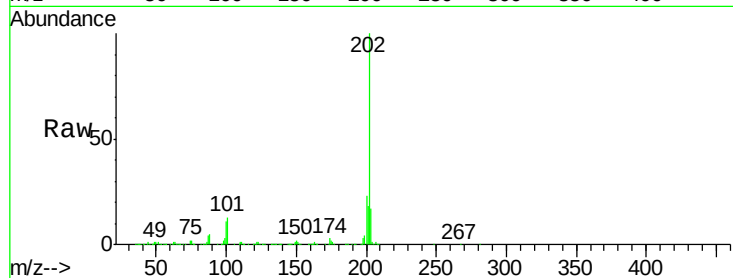
Tgt Ion:202 Resp: 451254

Ion Ratio Lower Upper

202 100

200 22.5 17.9 26.9

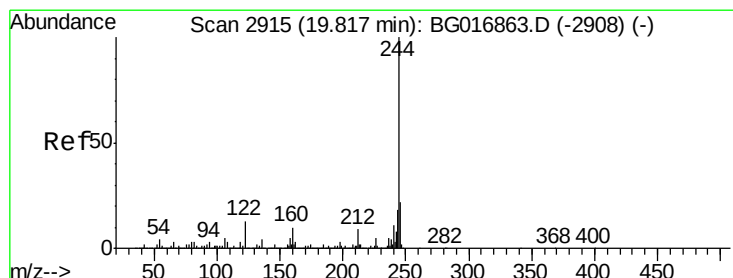
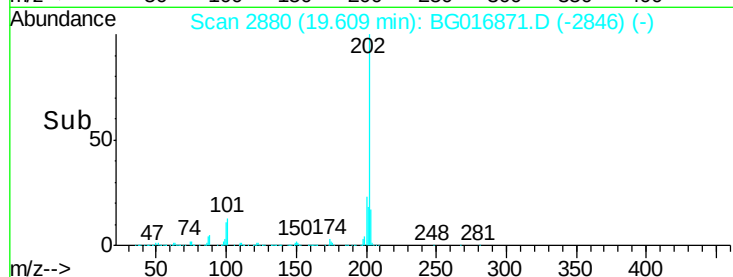
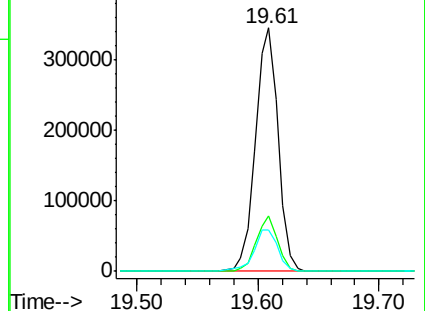
203 17.1 15.2 22.8



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: 14.79 ng

RT: 19.81 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

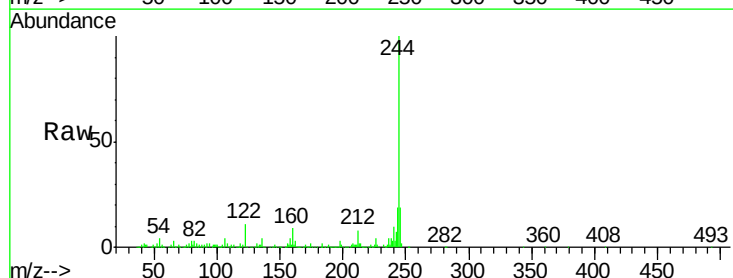
Tgt Ion:244 Resp: 311504

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

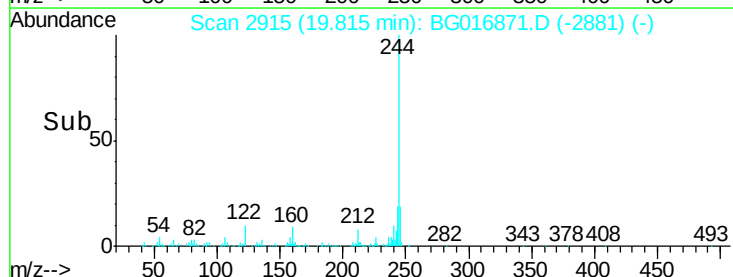
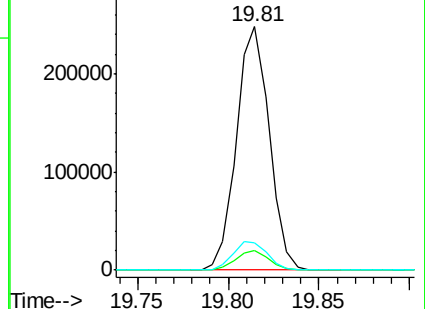
122 11.0 10.4 15.6

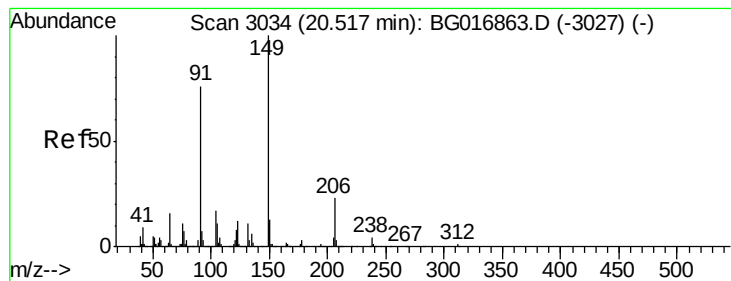


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 27.84 ng

RT: 20.51 min Scan# 3034

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

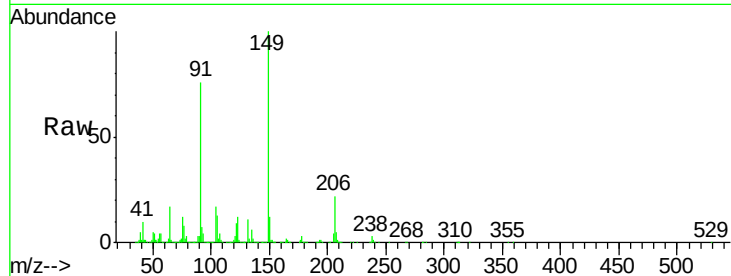
Tgt Ion:149 Resp: 385576

Ion Ratio Lower Upper

149 100

91 76.5 60.6 91.0

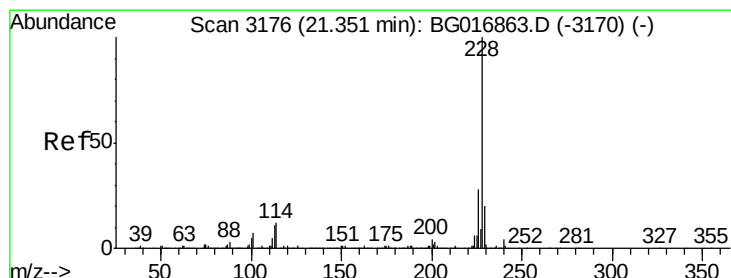
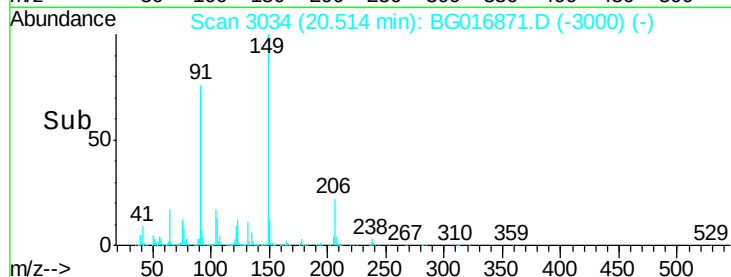
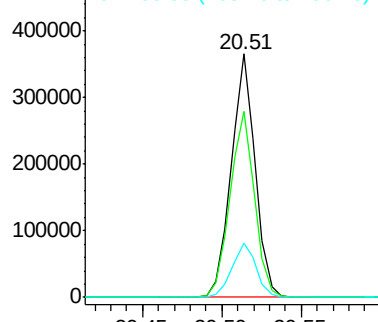
206 22.0 18.4 27.6



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: 16.51 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

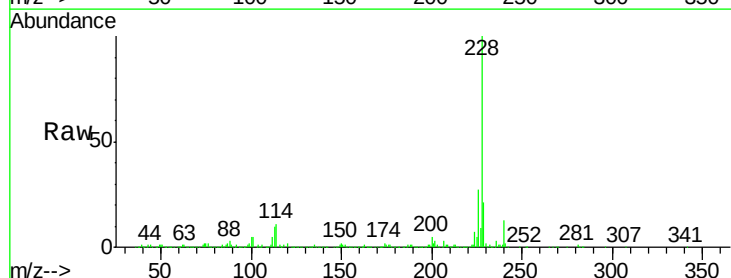
Tgt Ion:228 Resp: 437222

Ion Ratio Lower Upper

228 100

226 26.7 22.7 34.1

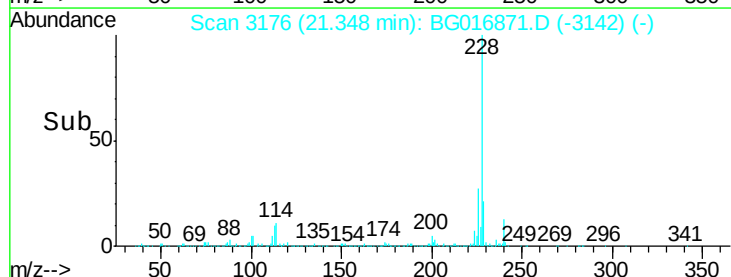
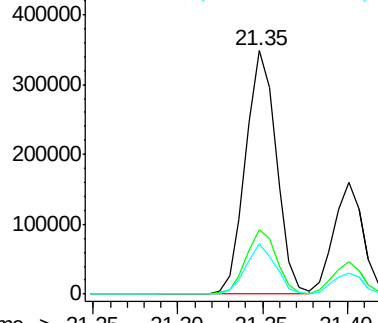
229 20.6 16.1 24.1

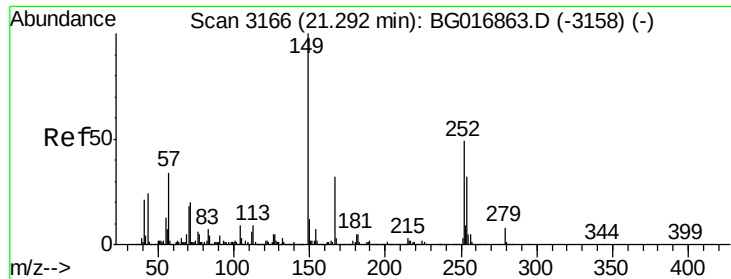


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

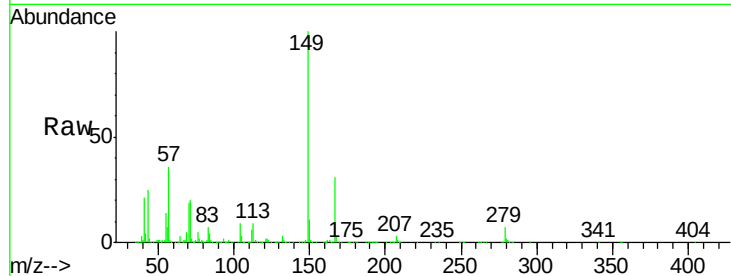




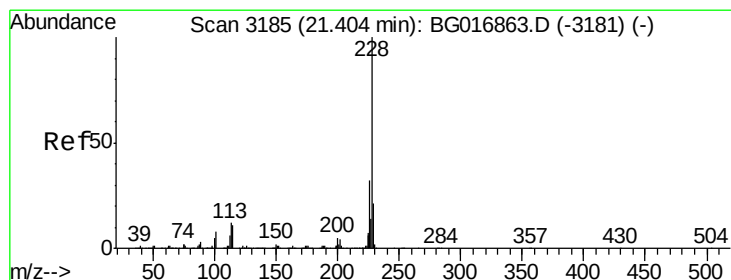
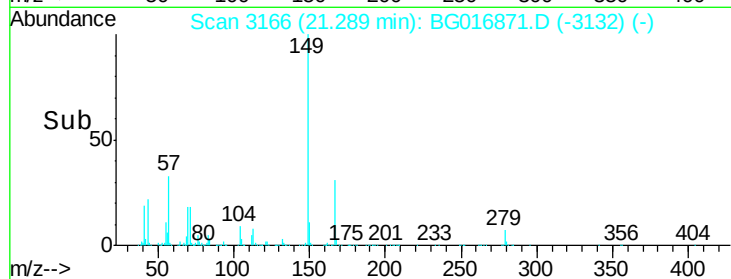
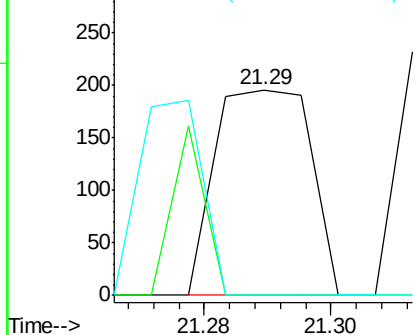
#81
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Tgt Ion: 252 Resp: 203
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.7 77.5#
 126 0.0 8.9 13.3#

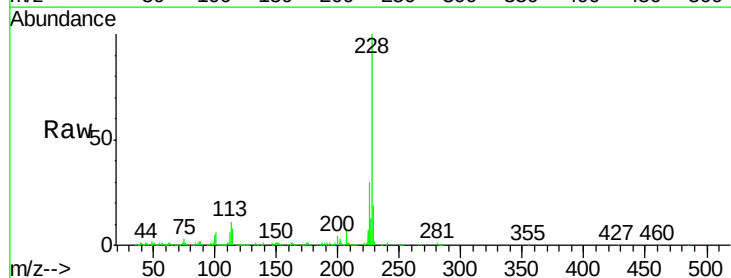


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

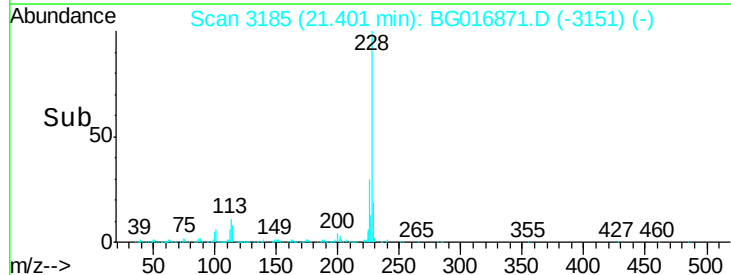
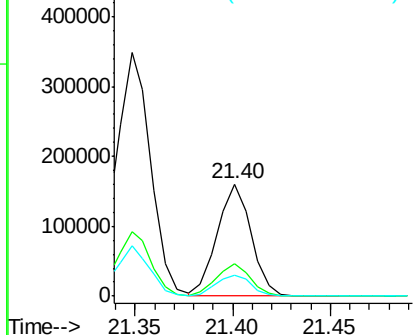


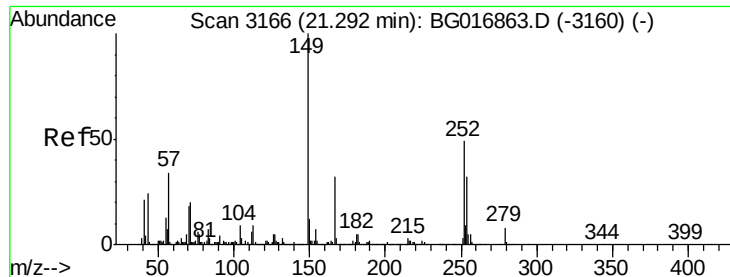
#82
 Chrysene
 Concen: 7.78 ng
 RT: 21.40 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: BG016871.D
 Acq: 5 May 2015 18:31

Tgt Ion: 228 Resp: 192933
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.4 38.0
 229 19.2 16.5 24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.99 ng

RT: 21.29 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

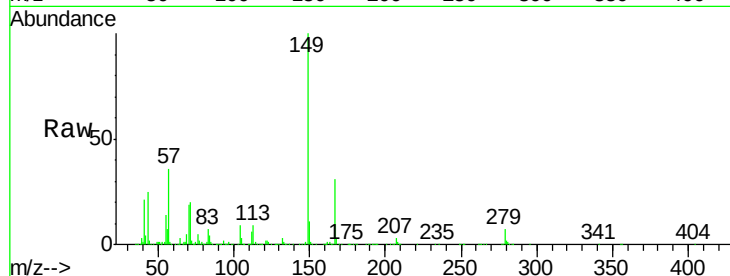
Tgt Ion:149 Resp: 340712

Ion Ratio Lower Upper

149 100

167 30.9 25.4 38.0

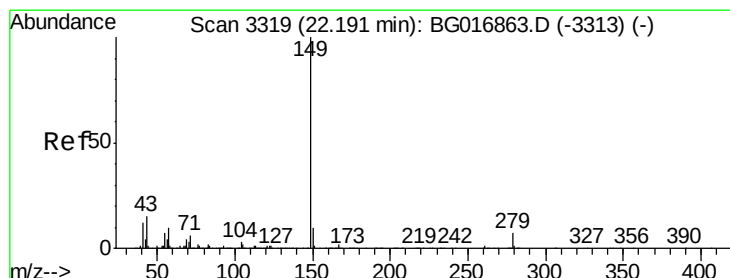
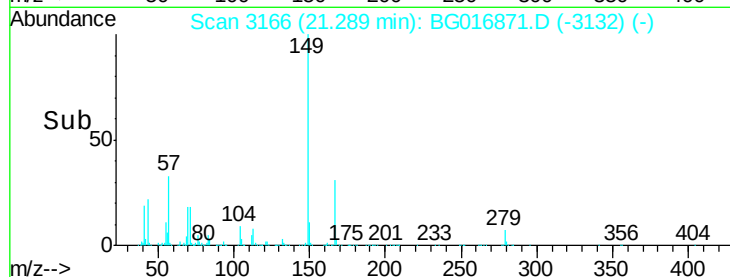
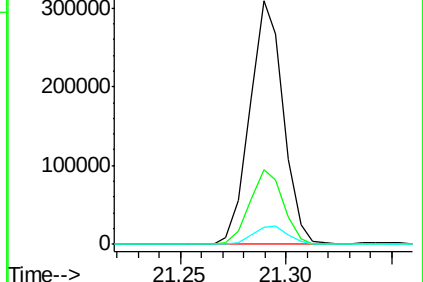
279 7.2 6.4 9.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 17.54 ng

RT: 22.19 min Scan# 3319

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

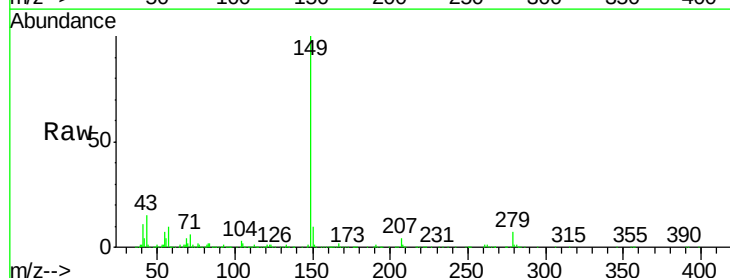
Tgt Ion:149 Resp: 558115

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

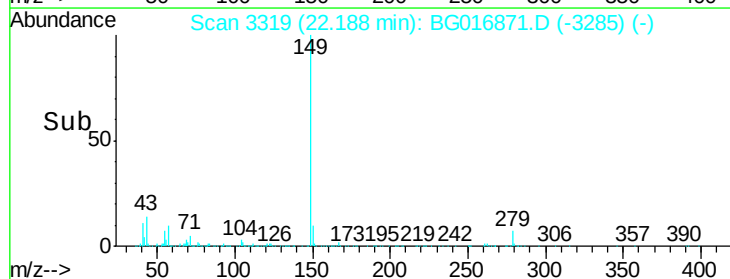
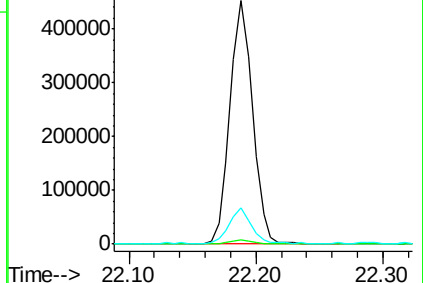
43 14.0 0.0 0.0#

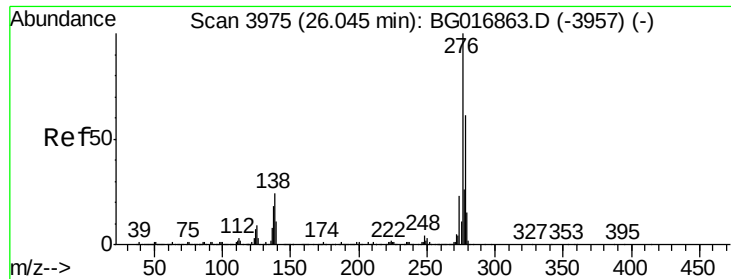


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

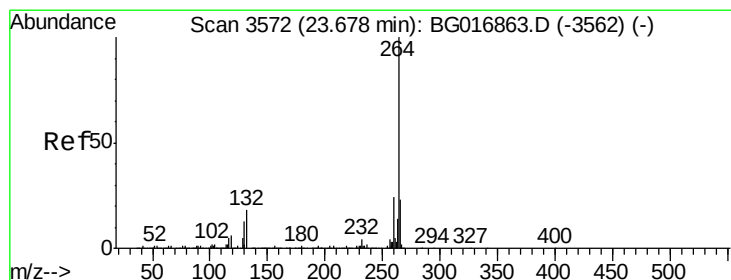
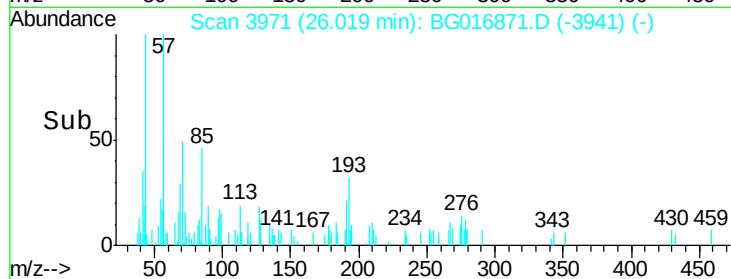
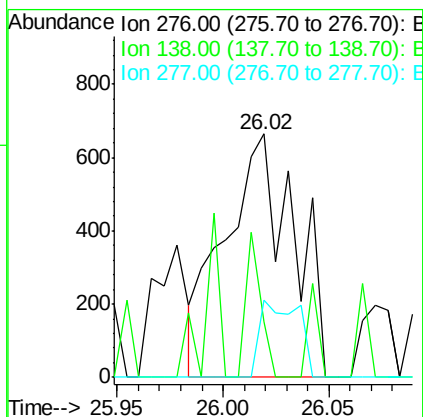
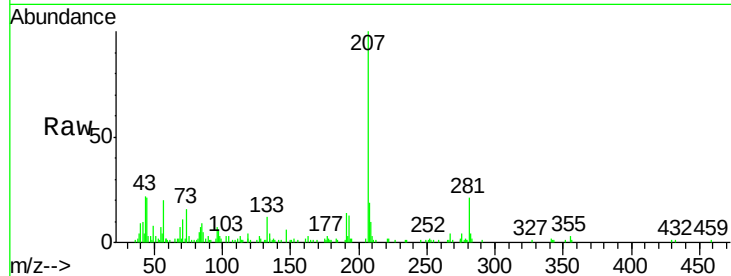




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.02 min Scan# 3971
Delta R.T. -0.03 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

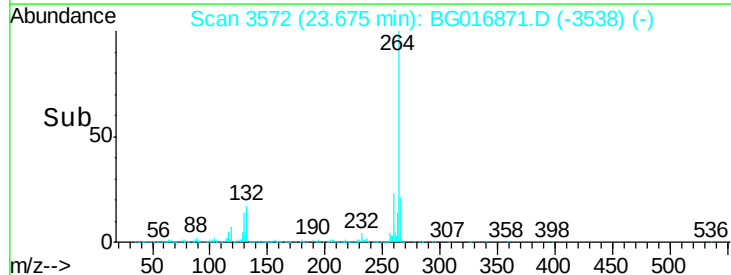
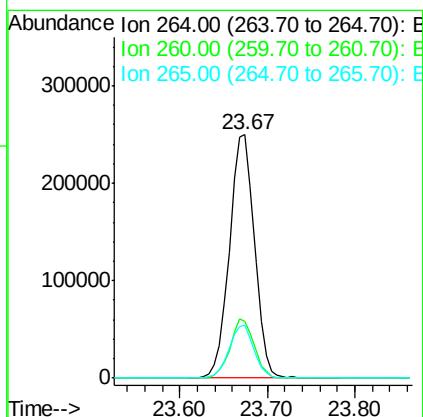
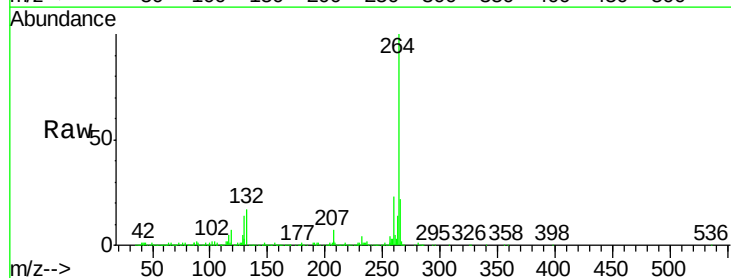
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOILD

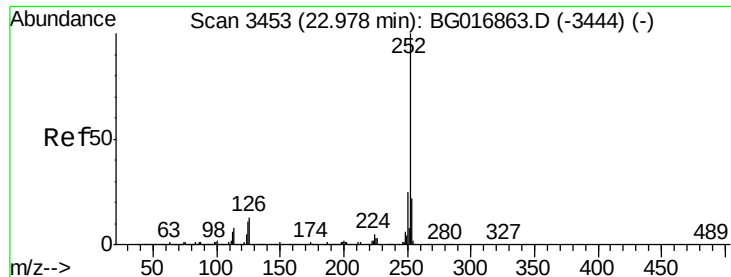
Tgt Ion: 276 Resp: 1510
Ion Ratio Lower Upper
276 100
138 12.7 0.0 0.0#
277 17.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3572
Delta R.T. -0.00 min
Lab File: BG016871.D
Acq: 5 May 2015 18:31

Tgt Ion: 264 Resp: 485875
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.5 18.5 27.7





#87

Benzo(b)fluoranthene

Concen: 31.22 ng

RT: 23.02 min Scan# 3461

Delta R.T. 0.04 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

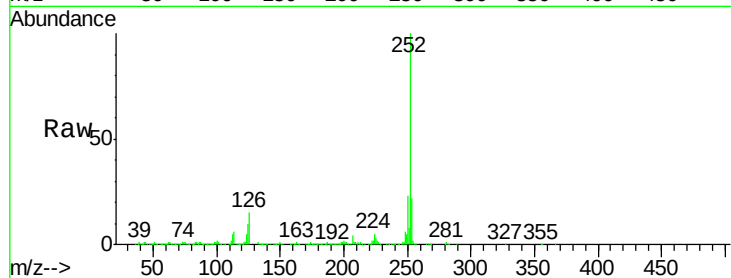
Tgt Ion:252 Resp: 845125

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

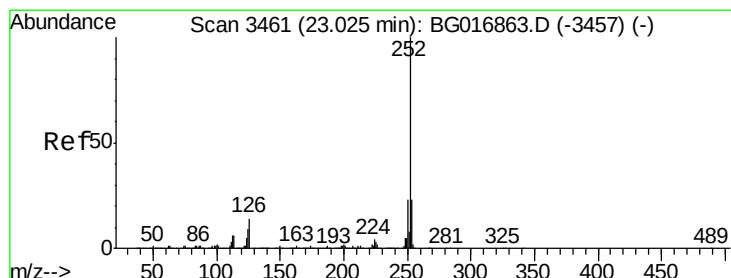
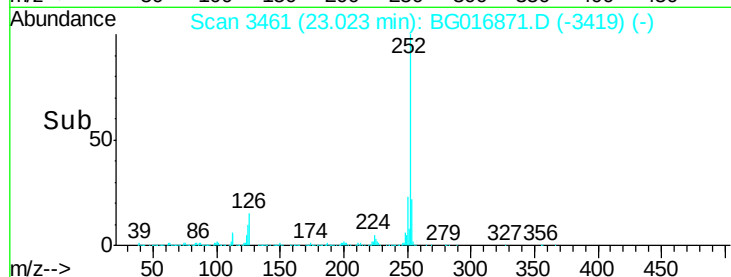
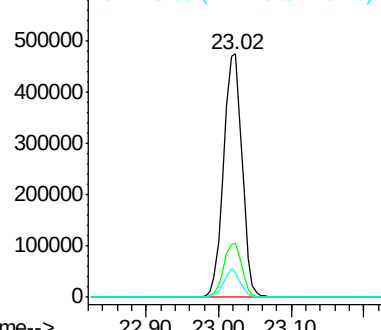
125 10.1 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 32.46 ng

RT: 23.02 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

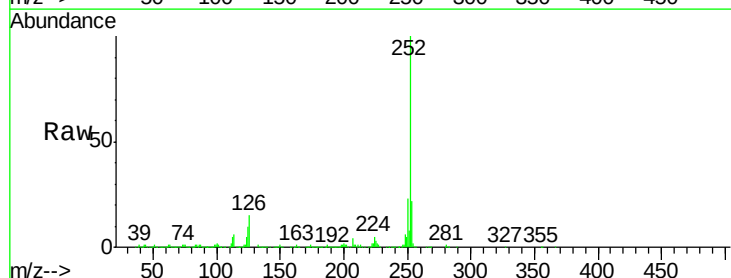
Tgt Ion:252 Resp: 845125

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

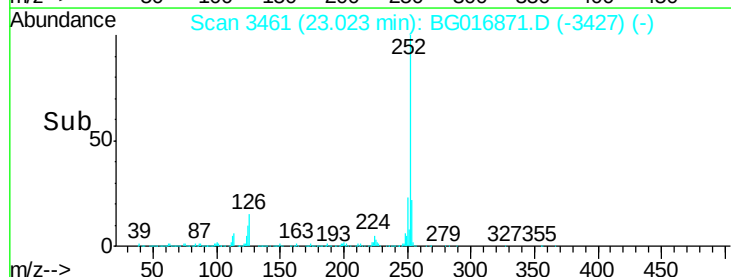
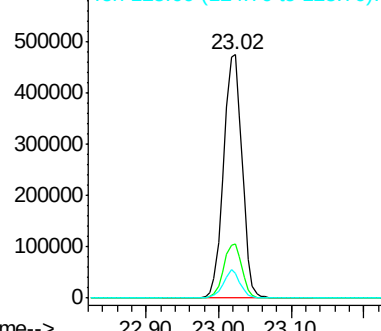
125 10.1 7.9 11.9

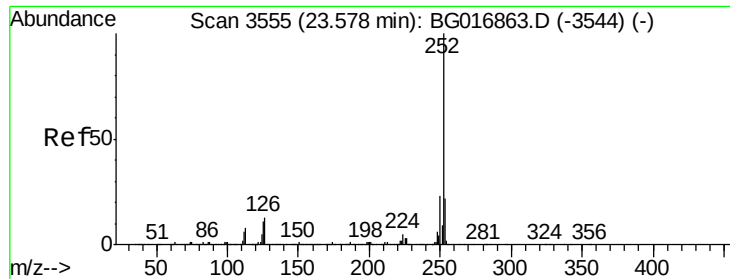


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 8.48 ng

RT: 23.57 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

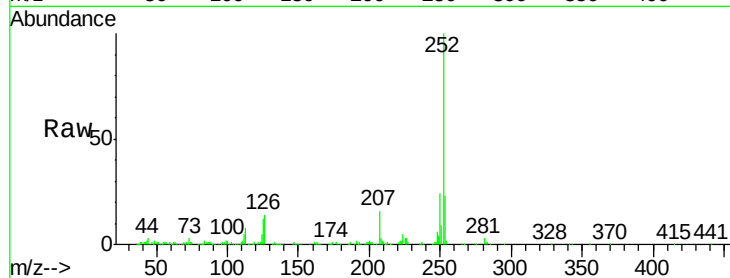
Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

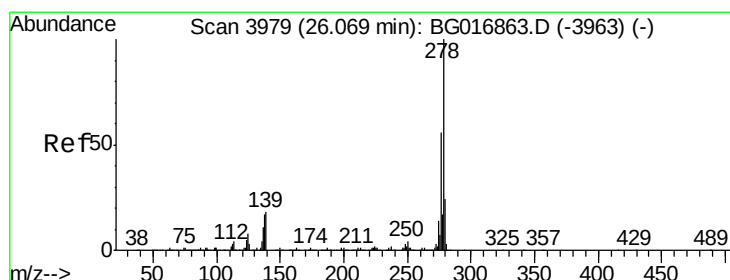
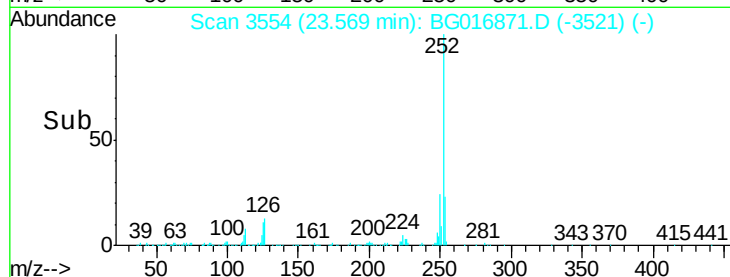
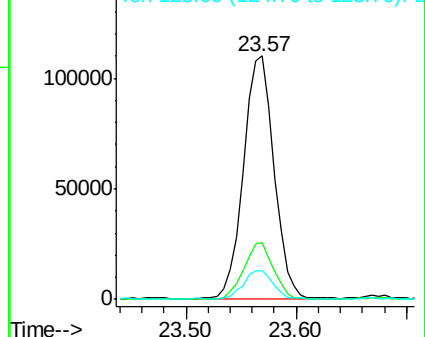
Tgt Ion:	252	Resp:	214067
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.6	8.5	12.7



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



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

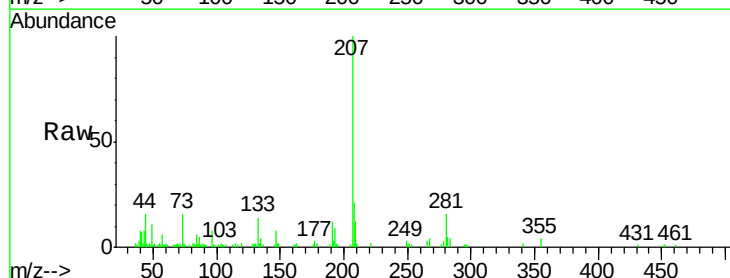
RT: 26.07 min Scan# 3980

Delta R.T. 0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

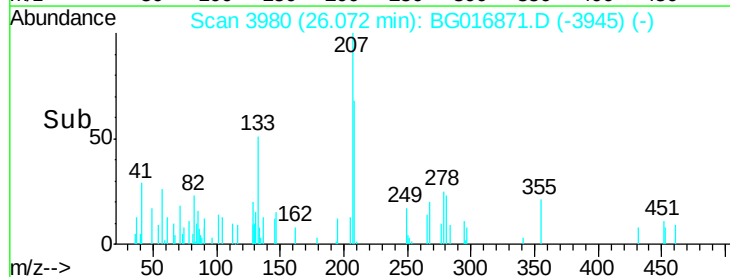
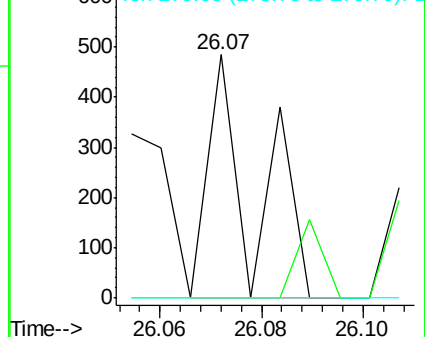
Tgt Ion:	278	Resp:	305
Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.2#
279	0.0	18.9	28.3#

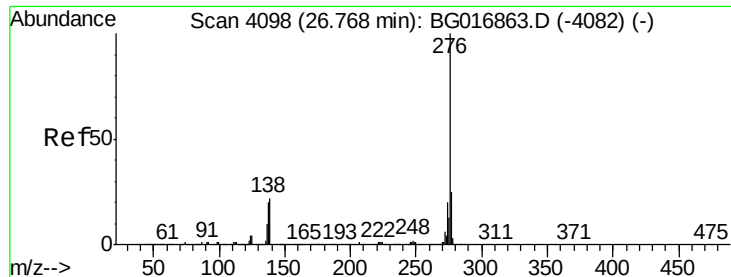


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.02 ng

RT: 26.77 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BG016871.D

Acq: 5 May 2015 18:31

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

Tgt Ion: 276 Resp: 598

Ion Ratio Lower Upper

276 100

277 43.4 19.6 29.4#

138 0.0 17.5 26.3#

