

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016696.D
 Acq On : 25 Apr 2015 00:04
 Operator : TP/IZ
 Sample : G1979-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

Quant Time: Apr 27 12:29:23 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	62596	20.00	ng	-0.01
21) Naphthalene-d8	10.37	136	257748	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	144698	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	284229	20.00	ng	0.00
75) Chrysene-d12	21.18	240	240154	20.00	ng	0.00
86) Perylene-d12	23.39	264	233726	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	446831	115.84	ng	-0.01
7) Phenol-d6	6.78	99	539579	99.71	ng	0.00
23) Nitrobenzene-d5	8.75	82	336006	82.37	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	135334	126.07	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	759741	84.36	ng	0.00
78) Terphenyl-d14	19.63	244	813136	77.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	55015	32.92	ng	# 86
3) Pyridine	3.45	79	137220	28.93	ng	98
4) n-Nitrosodimethylamine	3.36	42	49668	35.48	ng	# 97
6) Aniline	6.92	93	68735	9.26	ng	97
8) 2-Chlorophenol	7.15	128	185289	38.86	ng	98
9) Benzaldehyde	6.73	77	13123	5.94	ng	# 83
10) Phenol	6.81	94	192375	33.73	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	166457	37.39	ng	98
12) 1,3-Dichlorobenzene	7.47	146	181508	36.81	ng	100
13) 1,4-Dichlorobenzene	7.62	146	185805	36.86	ng	98
14) 1,2-Dichlorobenzene	7.93	146	179233	37.25	ng	99
15) Benzyl Alcohol	7.84	79	129641	38.17	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	158129	37.94	ng	99
17) 2-Methylphenol	8.05	107	147688	38.73	ng	97
18) Hexachloroethane	8.65	117	66386	37.36	ng	95
19) n-Nitroso-di-n-propylamine	8.39	70	115006	34.09	ng	100
20) 3+4-Methylphenols	8.38	107	195308	36.42	ng	98
22) Acetophenone	8.41	105	234334	41.42	ng	# 99
24) Nitrobenzene	8.79	77	168312	39.29	ng	97
25) Isophorone	9.30	82	327336	38.72	ng	99
26) 2-Nitrophenol	9.50	139	102845	41.38	ng	98
27) 2,4-Dimethylphenol	9.57	122	177446	42.75	ng	98
28) bis(2-Chloroethoxy)methane	9.80	93	201063	39.42	ng	99
29) 2,4-Dichlorophenol	10.04	162	158798	45.01	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	153155	40.96	ng	99
31) Naphthalene	10.42	128	550915	40.54	ng	99
32) Benzoic acid	9.74	122	89873	41.43	ng	95
33) 4-Chloroaniline	10.55	127	32026	5.11	ng	96
34) Hexachlorobutadiene	10.70	225	66268	39.68	ng	98
35) Caprolactam	11.40	113	77526m	40.76	ng	
36) 4-Chloro-3-methylphenol	11.70	107	174710	42.59	ng	97
37) 2-Methylnaphthalene	12.05	142	396905	40.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	143005	41.49	ng	97
40) Hexachlorocyclopentadiene	12.40	237	110514	82.46	ng	98

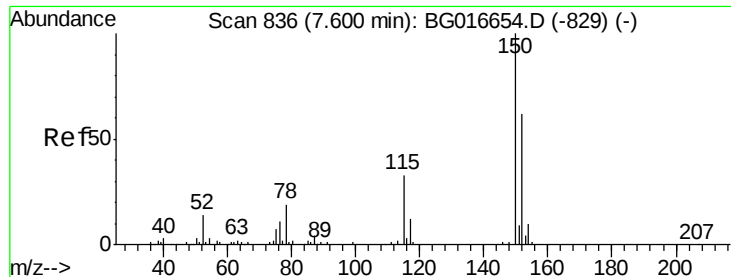
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	109904	43.63	ng	97
43) 2,4,5-Trichlorophenol	12.76	196	118672	44.52	ng	97
45) 1,1'-Biphenyl	13.08	154	471753	41.51	ng	99
46) 2-Chloronaphthalene	13.12	162	351612	40.25	ng	99
47) 2-Nitroaniline	13.33	65	96253	40.40	ng	98
48) Acenaphthylene	13.97	152	601869	39.34	ng	99
49) Dimethylphthalate	13.71	163	433012	40.00	ng	99
50) 2,6-Dinitrotoluene	13.83	165	103423	38.93	ng	96
51) Acenaphthene	14.31	154	367320	40.00	ng	98
52) 3-Nitroaniline	14.17	138	53402	16.63	ng	94
53) 2,4-Dinitrophenol	14.38	184	119447	82.45	ng	96
54) Dibenzofuran	14.65	168	523637	40.43	ng	98
55) 4-Nitrophenol	14.52	139	170905	71.04	ng	98
56) 2,4-Dinitrotoluene	14.63	165	141800	38.98	ng	98
57) Fluorene	15.30	166	452973	40.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	88002	43.63	ng	99
59) Diethylphthalate	15.08	149	439896	39.00	ng	99
60) 4-Chlorophenyl-phenylether	15.29	204	188653	39.90	ng	98
61) 4-Nitroaniline	15.33	138	121103	34.10	ng	97
62) Azobenzene	15.59	77	423498	41.10	ng	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	79845	41.51	ng	94
65) n-Nitrosodiphenylamine	15.51	169	400372	41.09	ng	100
66) 4-Bromophenyl-phenylether	16.18	248	99021	41.69	ng	96
67) Hexachlorobenzene	16.30	284	99492	40.73	ng	98
68) Atrazine	16.47	200	108428	41.45	ng	100
69) Pentachlorophenol	16.65	266	113965	96.08	ng	99
70) Phenanthrene	17.04	178	660292	40.44	ng	99
71) Anthracene	17.12	178	662563	40.79	ng	100
72) Carbazole	17.41	167	660906	40.62	ng	99
73) Di-n-butylphthalate	17.96	149	797985	41.15	ng	99
74) Fluoranthene	19.06	202	643432	37.19	ng	99
76) Benzidine	19.26	184	32576	3.98	ng	# 77
77) Pyrene	19.42	202	697297	41.33	ng	100
79) Butylbenzylphthalate	20.33	149	380051	45.79	ng	98
80) Benzo(a)anthracene	21.17	228	589779	40.50	ng	99
81) 3,3'-Dichlorobenzidine	21.11	252	98015	20.65	ng	96
82) Chrysene	21.22	228	556960	39.90	ng	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	602590	53.37	ng	99
84) Di-n-octyl phthalate	21.96	149	948170	50.42	ng	# 97
85) Indeno(1,2,3-cd)pyrene	25.64	276	636360	41.82	ng	100
87) Benzo(b)fluoranthene	22.73	252	561816	39.57	ng	98
88) Benzo(k)fluoranthene	22.77	252	548980	39.62	ng	98
89) Benzo(a)pyrene	23.29	252	548241	40.98	ng	96
90) Dibenzo(a,h)anthracene	25.64	278	524471	40.32	ng	96
91) Benzo(g,h,i)perylene	26.32	276	536836	40.56	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

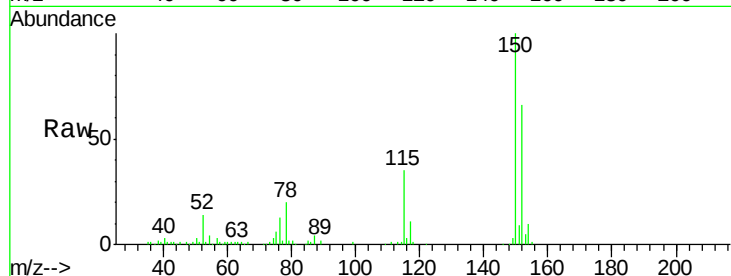
Tot Ion:152 Resp: 62596

Ion Ratio Lower Upper

152 100

150 152.3 129.6 194.4

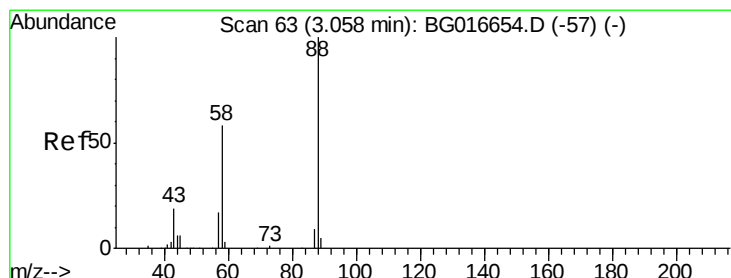
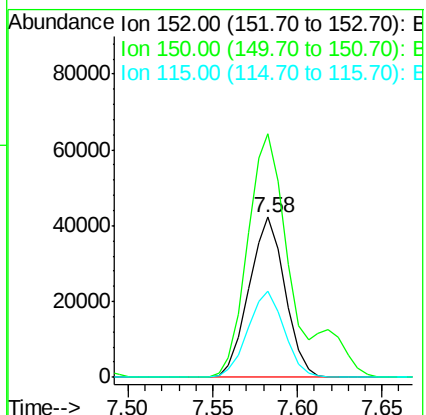
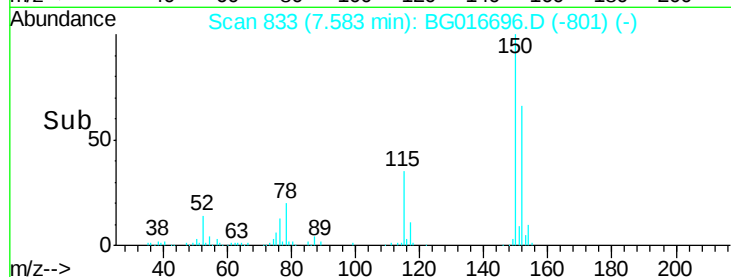
115 53.6 43.0 64.6



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: 32.92 ng

RT: 3.05 min Scan# 61

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

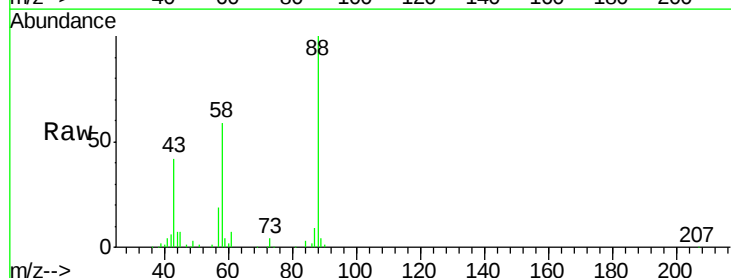
Tgt Ion: 88 Resp: 55015

Ion Ratio Lower Upper

88 100

58 58.4 46.8 70.2

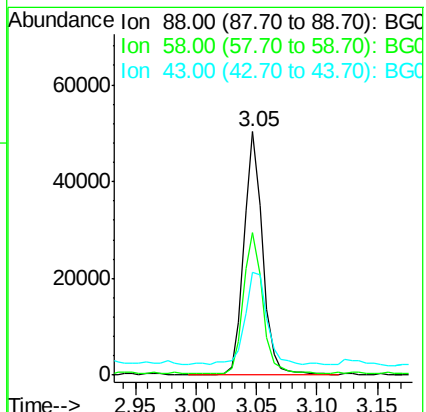
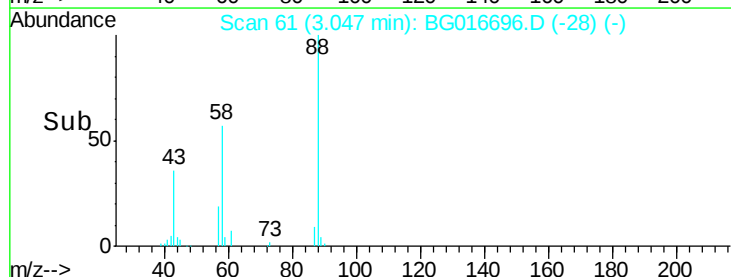
43 45.7 15.8 23.8#

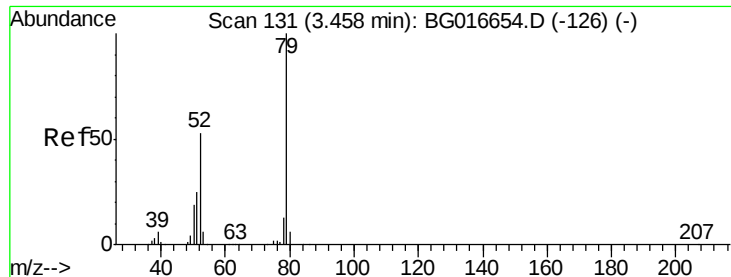


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.93 ng

RT: 3.45 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

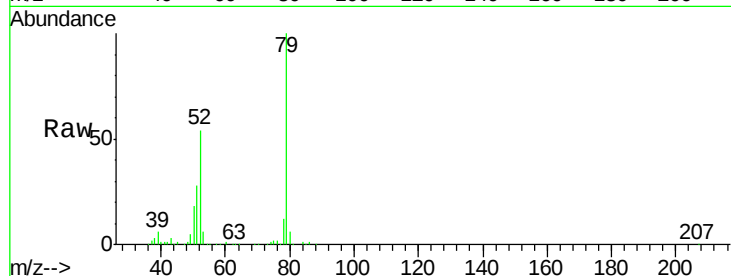
Tot Ion: 79 Resp: 137220

Ion Ratio Lower Upper

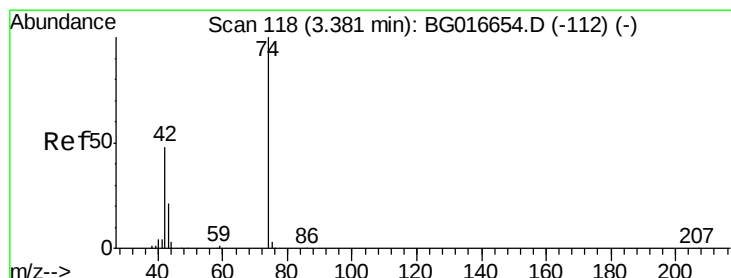
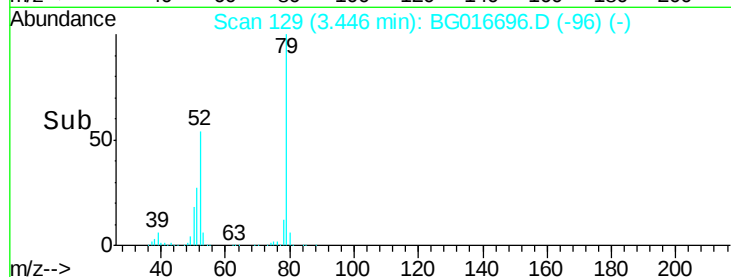
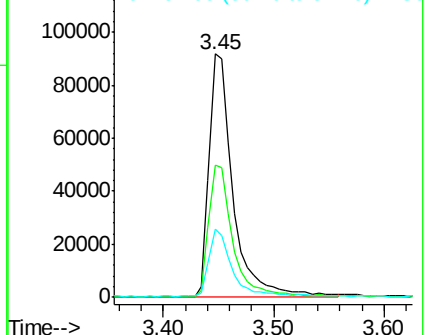
79 100

52 54.3 42.7 64.1

51 27.9 20.5 30.7



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: 35.48 ng

RT: 3.36 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

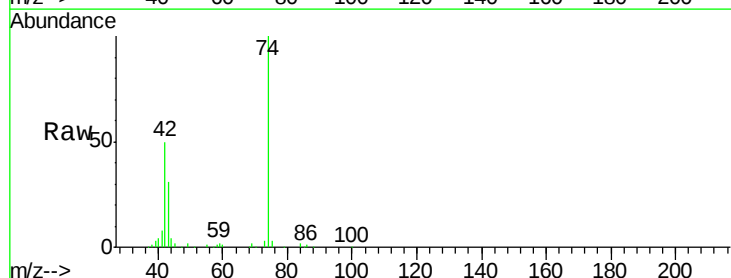
Tgt Ion: 42 Resp: 49668

Ion Ratio Lower Upper

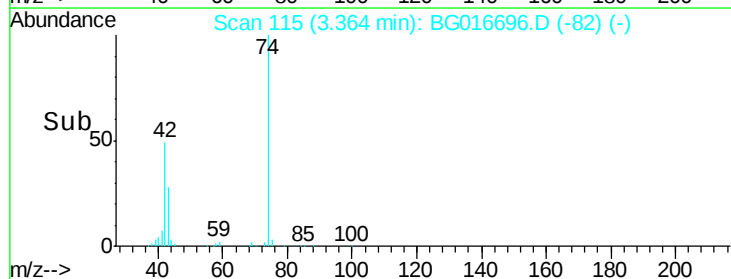
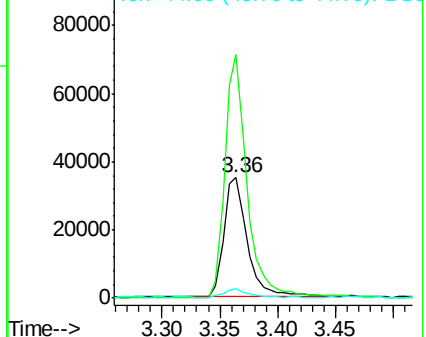
42 100

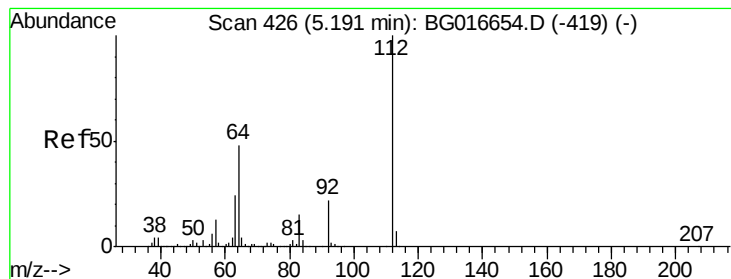
74 201.7 165.6 248.4

44 8.1 5.0 7.6#



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: 115.84 ng

RT: 5.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

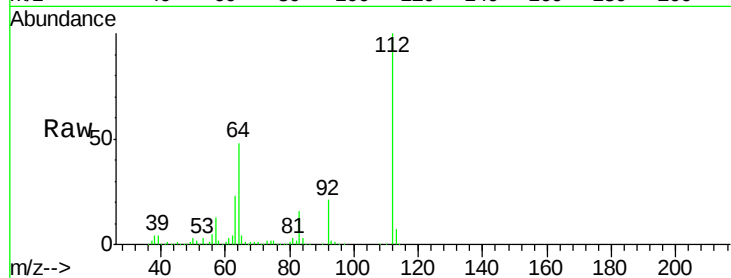
Tot Ion:112 Resp: 446831

Ion Ratio Lower Upper

112 100

64 48.0 38.3 57.5

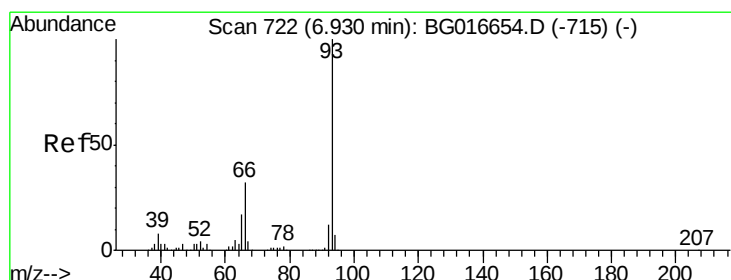
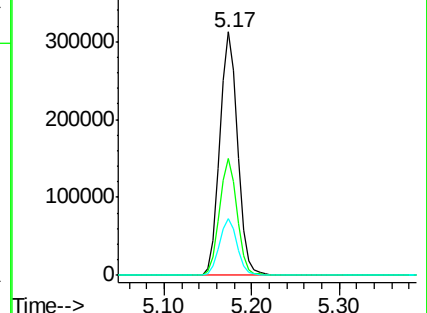
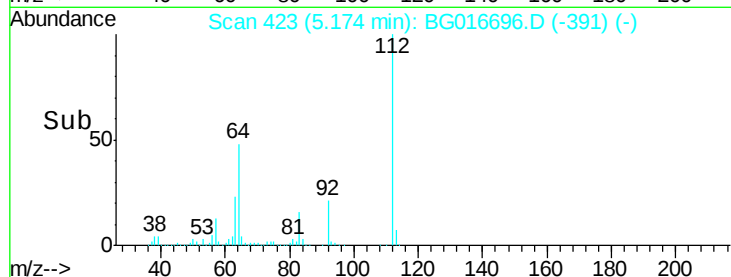
63 23.2 18.9 28.3



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: 9.26 ng

RT: 6.92 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

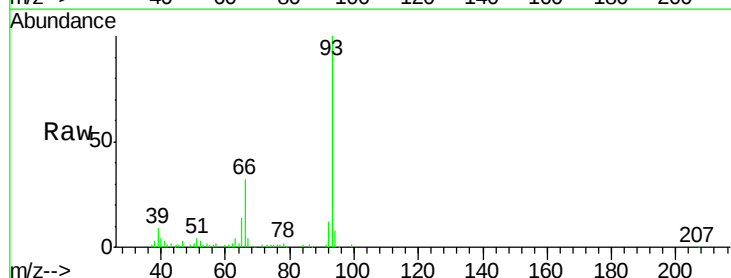
Tgt Ion: 93 Resp: 68735

Ion Ratio Lower Upper

93 100

66 31.5 25.4 38.2

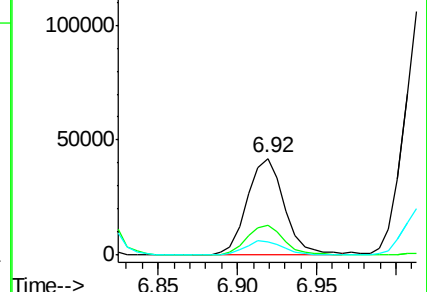
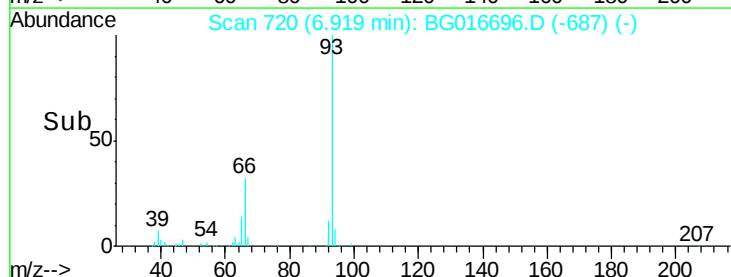
65 14.1 13.8 20.6

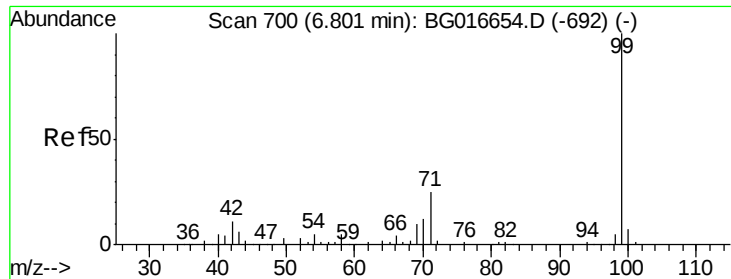


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.71 ng

RT: 6.78 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

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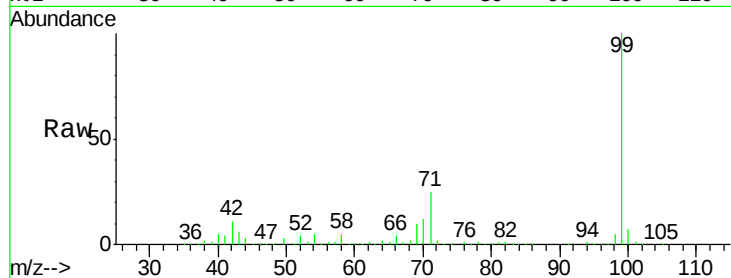
Tot Ion: 99 Resp: 539579

Ion Ratio Lower Upper

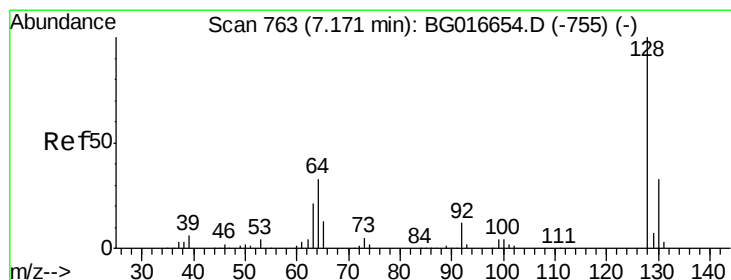
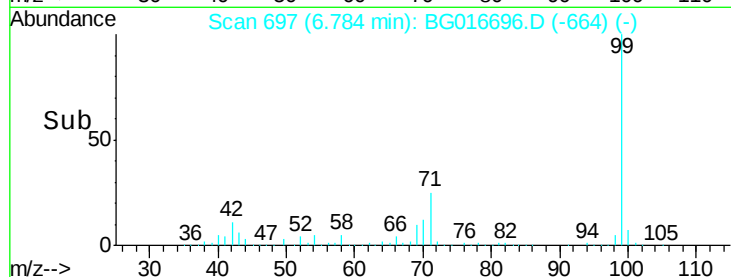
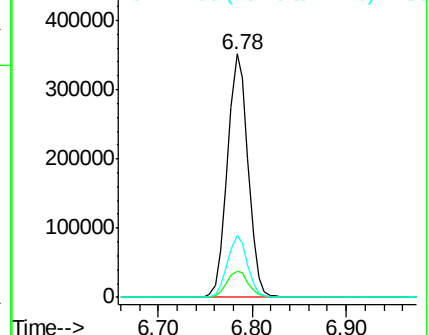
99 100

42 10.9 8.8 13.2

71 25.2 19.9 29.9



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: 38.86 ng

RT: 7.15 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

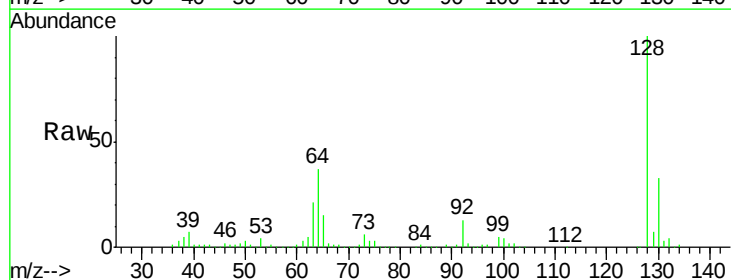
Tgt Ion: 128 Resp: 185289

Ion Ratio Lower Upper

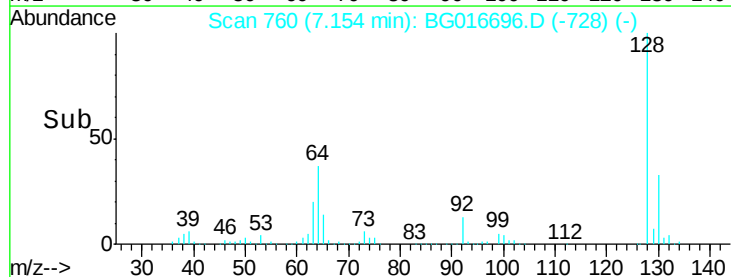
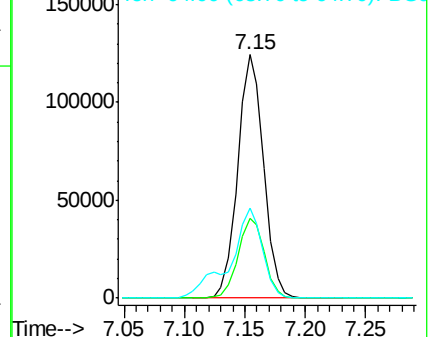
128 100

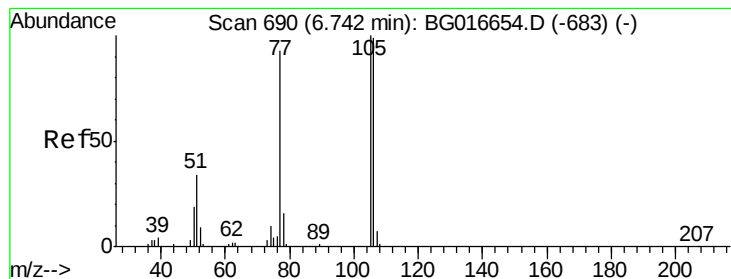
130 32.9 13.5 53.5

64 37.0 15.8 55.8



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: 5.94 ng

RT: 6.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

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ClientSampleID :

SOIL-PITMSD

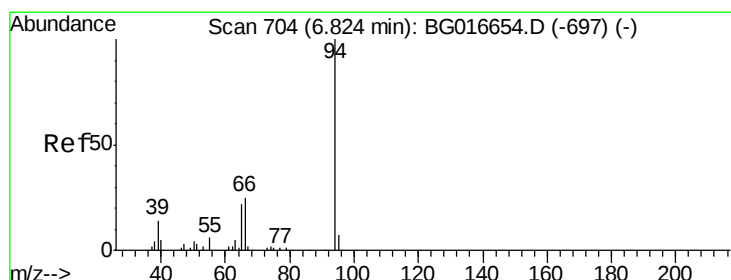
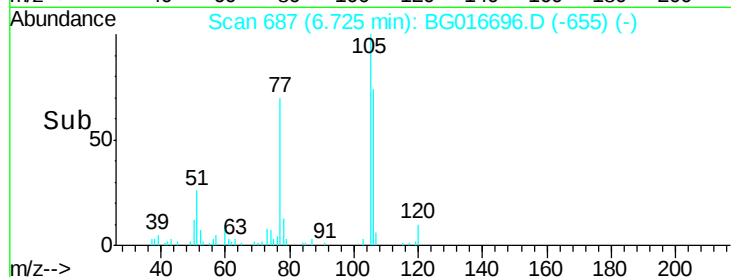
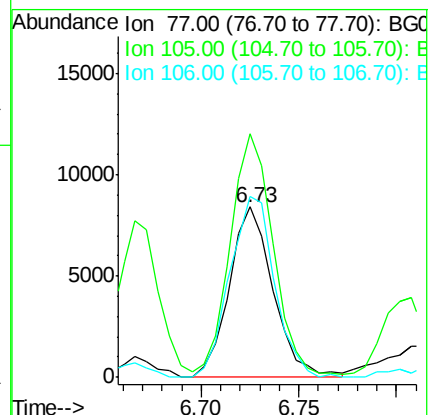
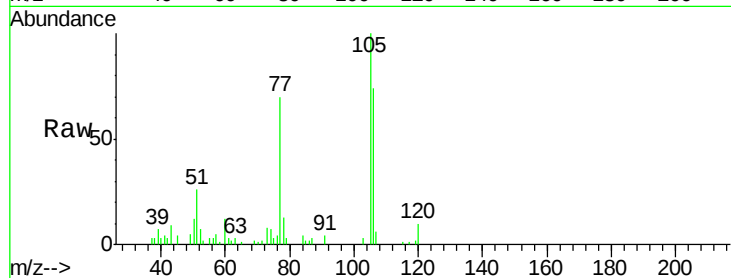
Tot Ion: 77 Resp: 13123

Ion Ratio Lower Upper

77 100

105 142.9 88.0 128.0#

106 106.1 86.6 126.6



#10

Phenol

Concen: 33.73 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

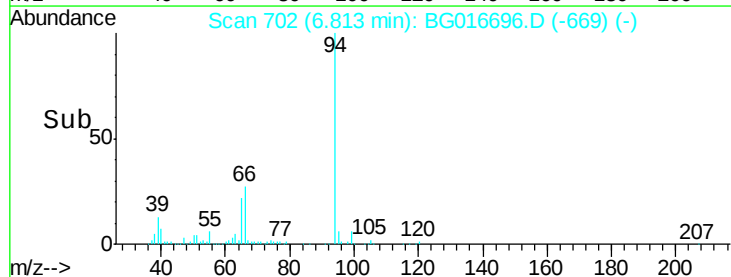
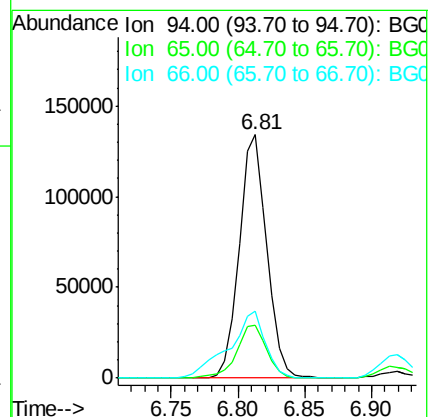
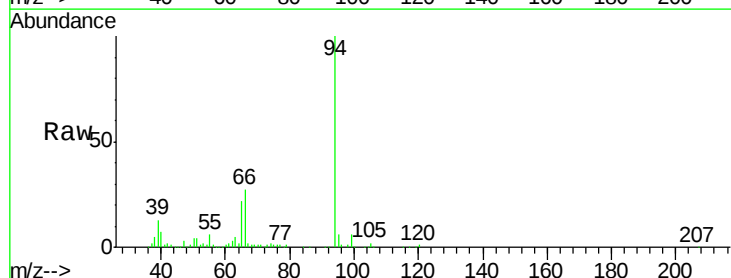
Tgt Ion: 94 Resp: 192375

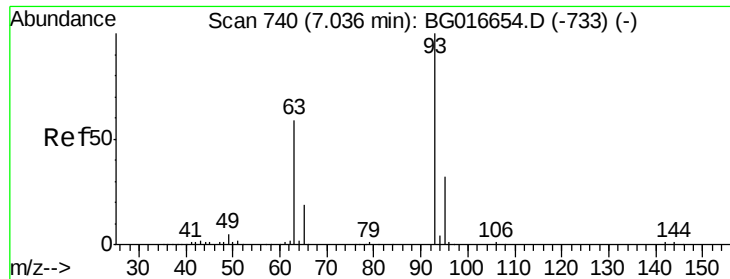
Ion Ratio Lower Upper

94 100

65 21.7 2.6 42.6

66 27.4 7.0 47.0

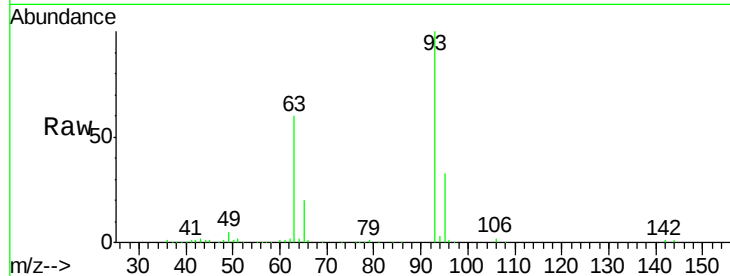




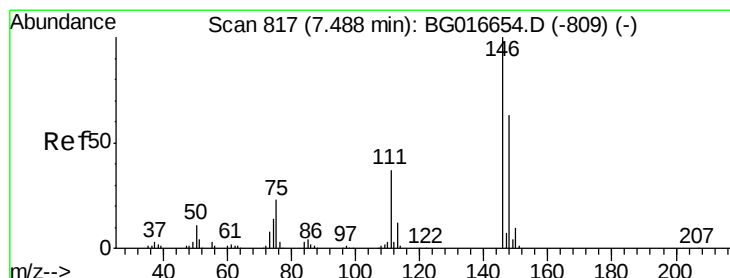
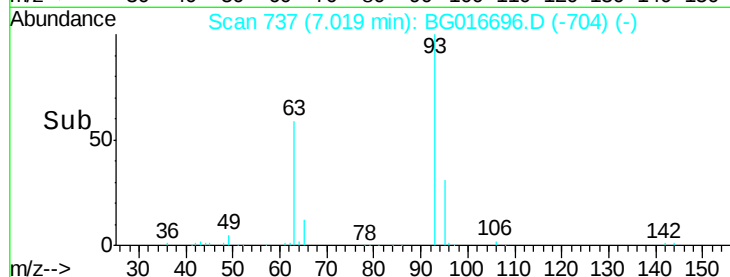
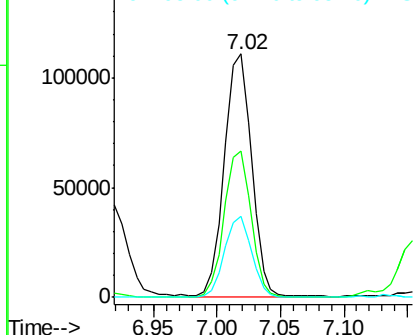
#11
bis(2-Chloroethyl)ether
Concen: 37.39 ng
RT: 7.02 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	60.2	39.2	79.2
95	33.3	11.9	51.9

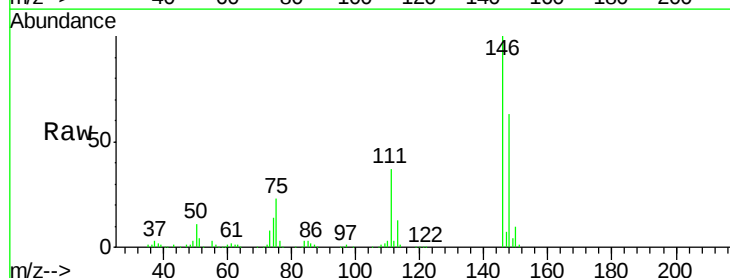


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

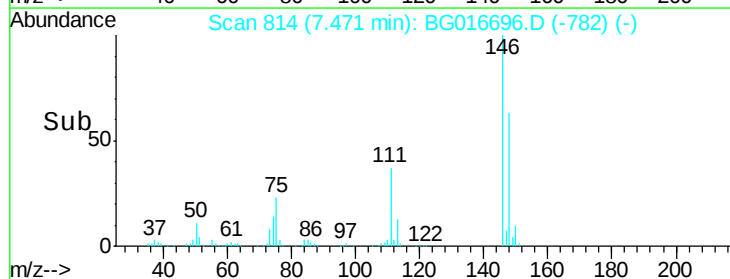
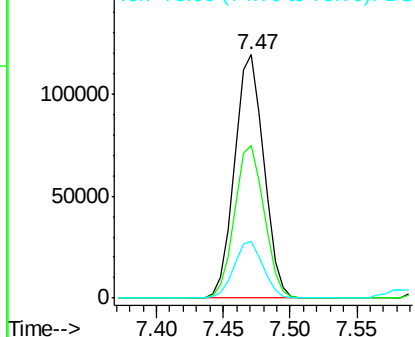


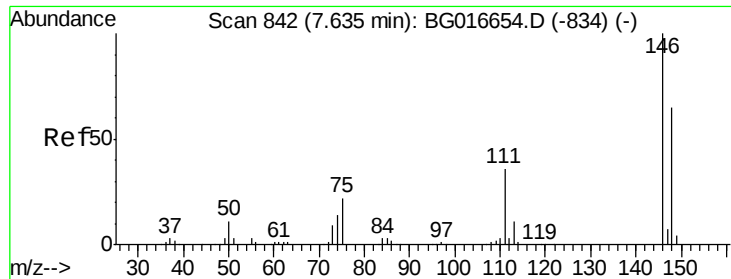
#12
1,3-Dichlorobenzene
Concen: 36.81 ng
RT: 7.47 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.2	75.4
75	23.2	18.4	27.6



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

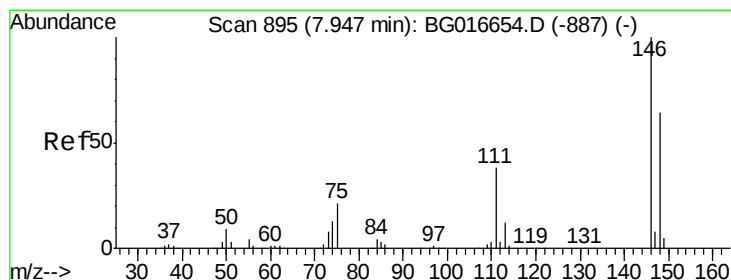
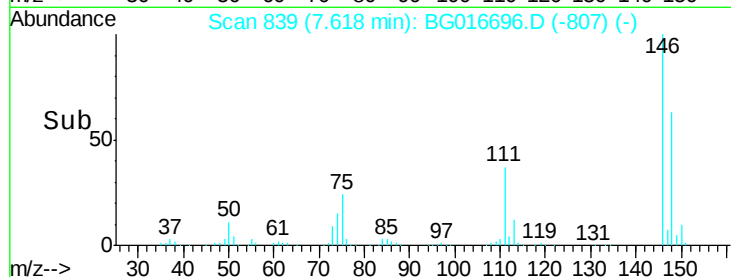
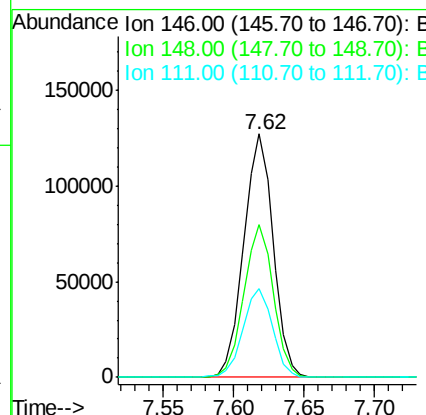
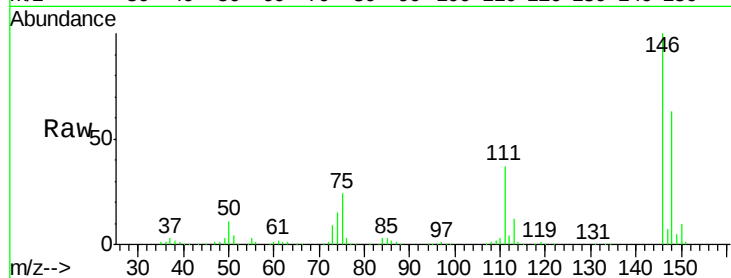




#13
 1,4-Dichlorobenzene
 Concen: 36.86 ng
 RT: 7.62 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

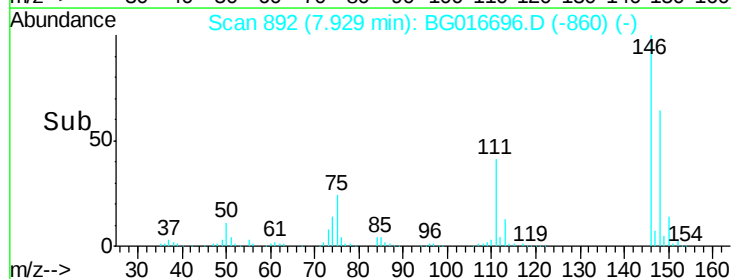
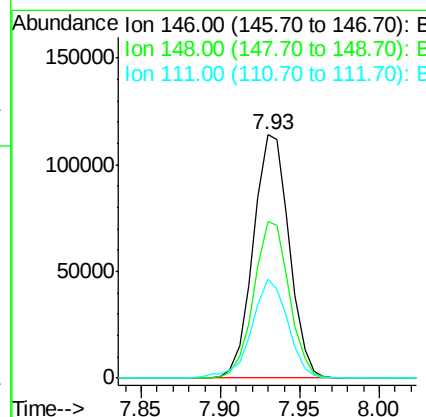
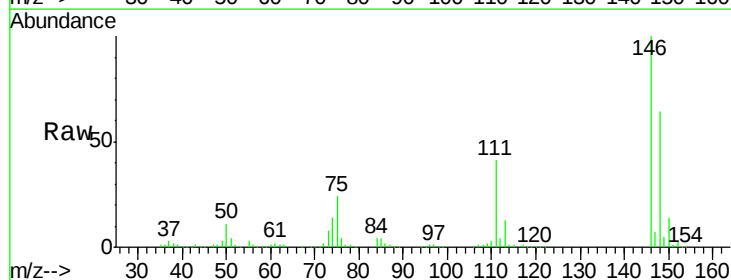
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

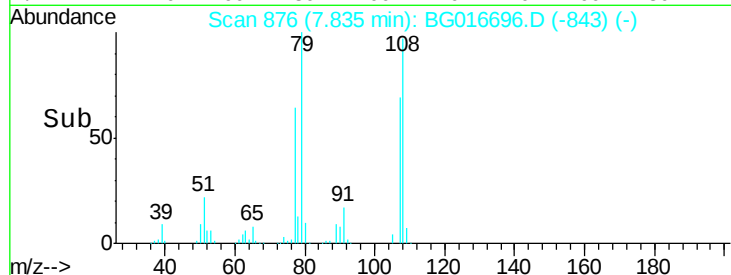
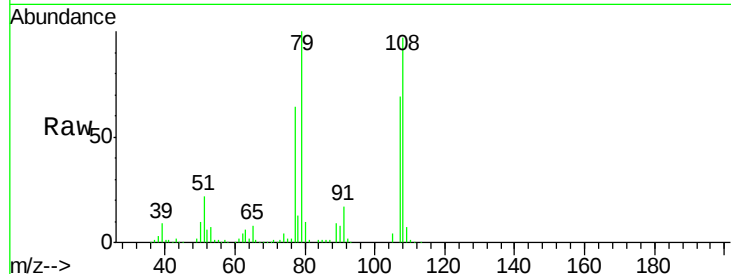
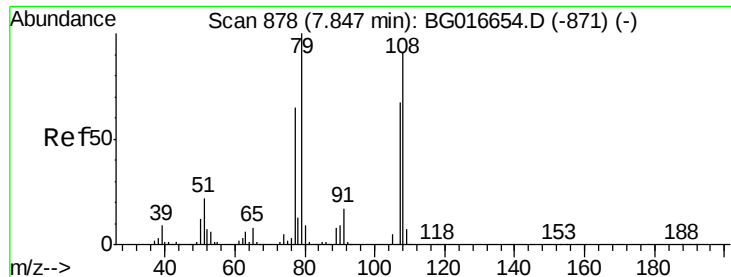
Tot Ion:146 Resp: 185805
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.6 77.4
 111 36.6 29.0 43.4



#14
 1,2-Dichlorobenzene
 Concen: 37.25 ng
 RT: 7.93 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:146 Resp: 179233
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 40.7 31.0 46.4

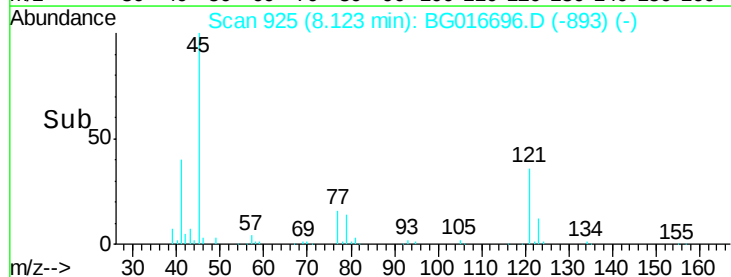
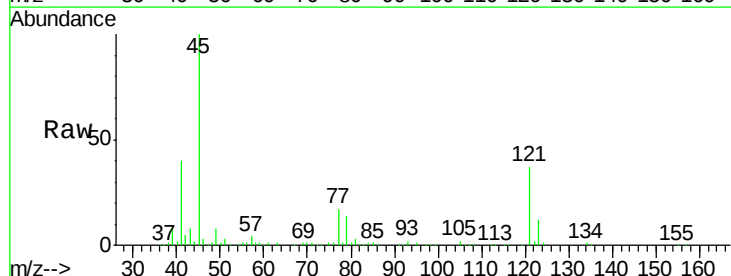
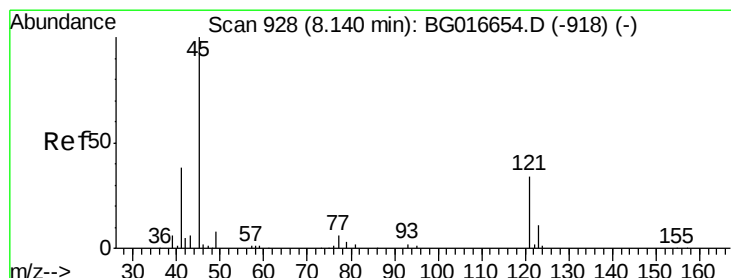
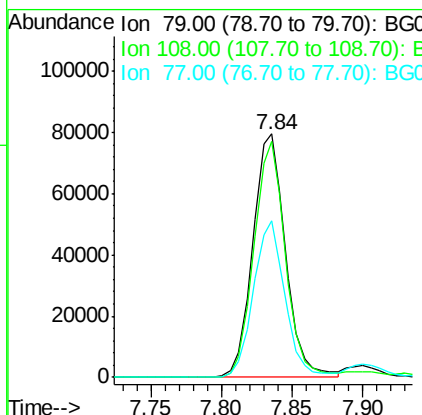




#15
Benzyl Alcohol
Concen: 38.17 ng
RT: 7.84 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

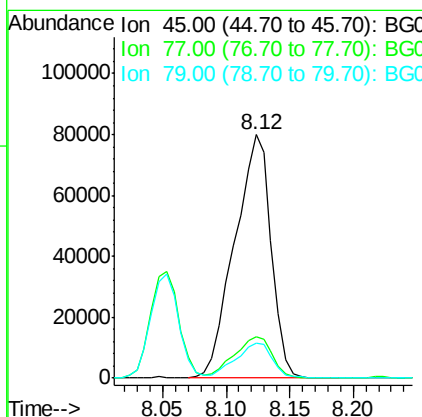
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

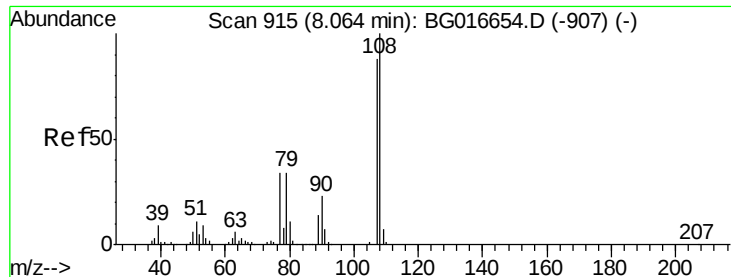
Tot Ion: 79 Resp: 129641
Ion Ratio Lower Upper
79 100
108 97.1 73.0 109.4
77 64.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.94 ng
RT: 8.12 min Scan# 925
Delta R.T. -0.01 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion: 45 Resp: 158129
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.3
79 14.4 0.0 34.7

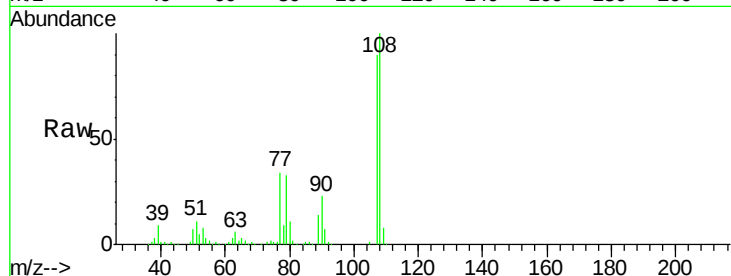




#17
2-Methylphenol
Concen: 38.73 ng
RT: 8.05 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.6	135.8
77	37.3	31.4	47.0
79	36.3	30.9	46.3



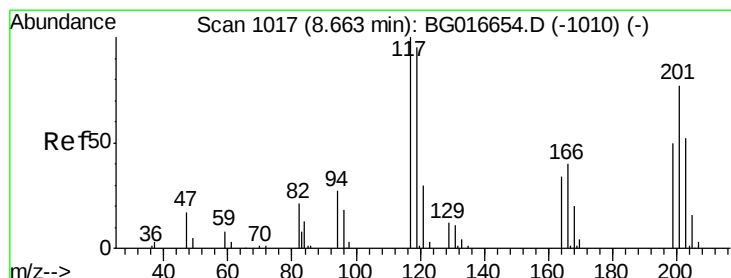
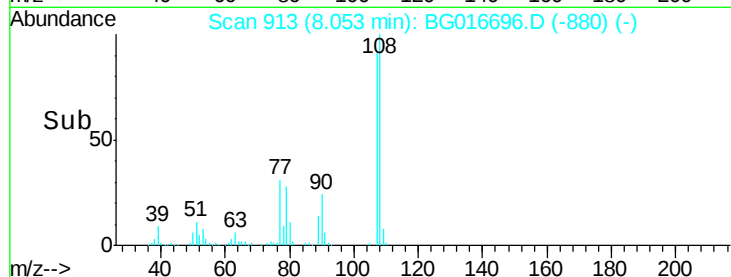
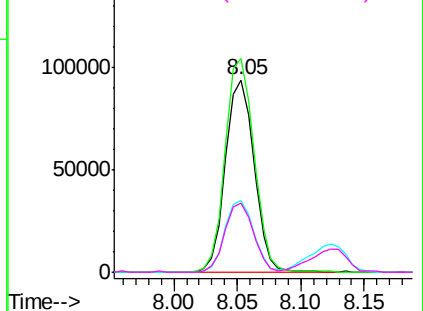
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

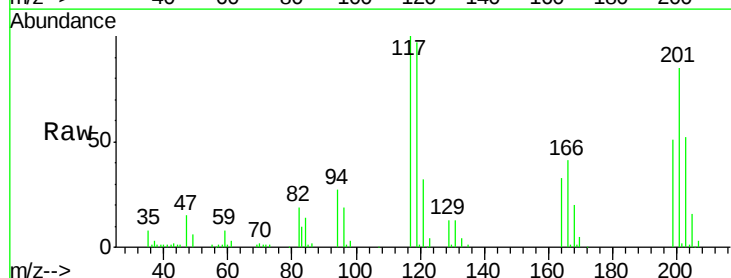
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.36 ng
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.3	114.5
201	84.5	61.5	92.3

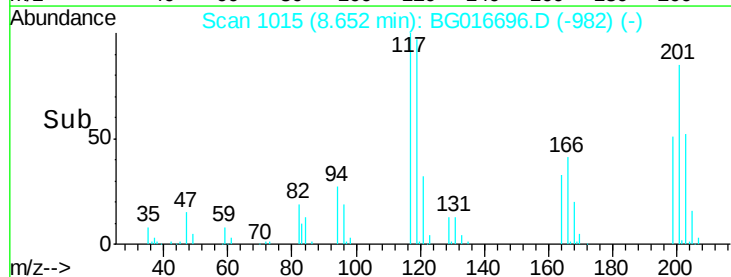
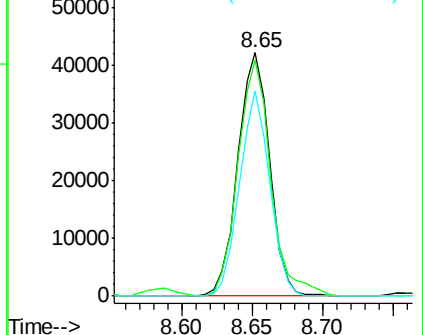


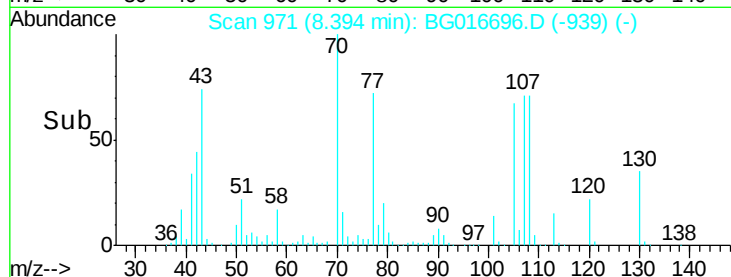
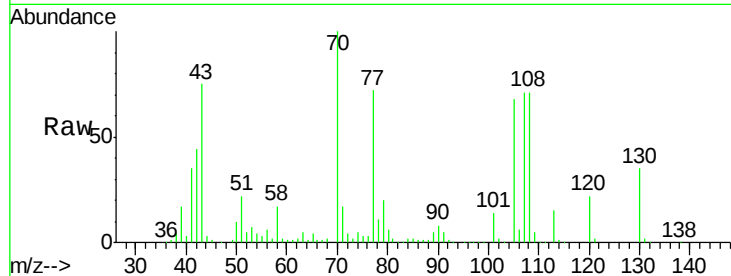
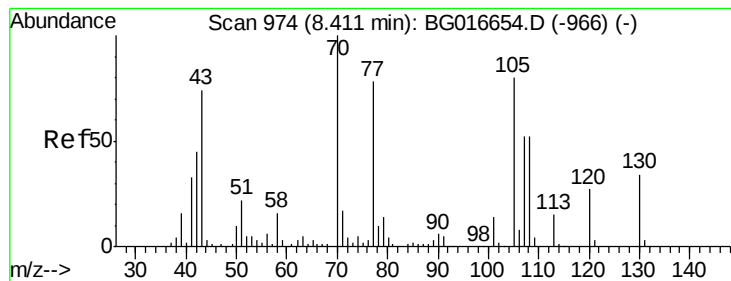
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.09 ng

RT: 8.39 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

Tot Ion: 70 Resp: 115006

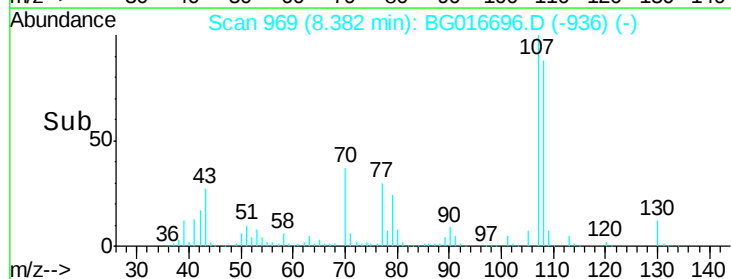
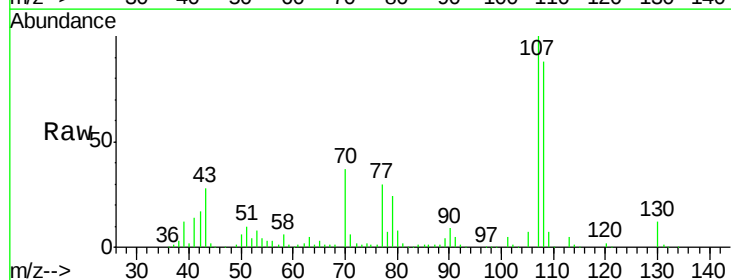
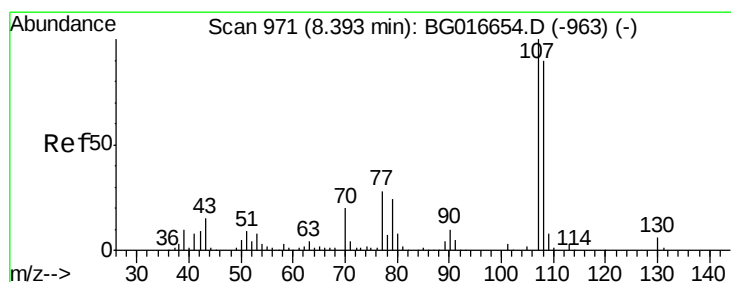
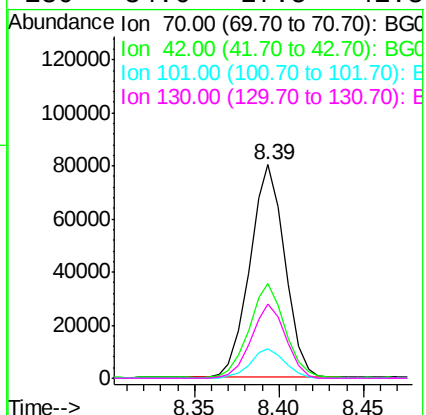
Ion Ratio Lower Upper

70 100

42 44.4 35.7 53.5

101 13.5 11.0 16.4

130 34.6 27.5 41.3



#20

3+4-Methylphenols

Concen: 36.42 ng

RT: 8.38 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Tgt Ion:107 Resp: 195308

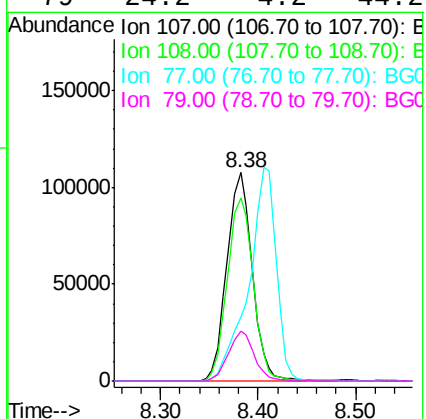
Ion Ratio Lower Upper

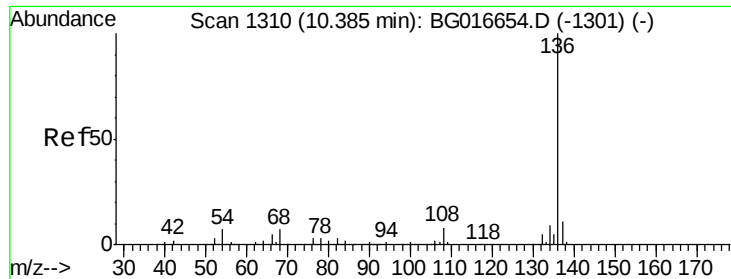
107 100

108 88.1 69.5 109.5

77 30.5 8.2 48.2

79 24.2 4.2 44.2

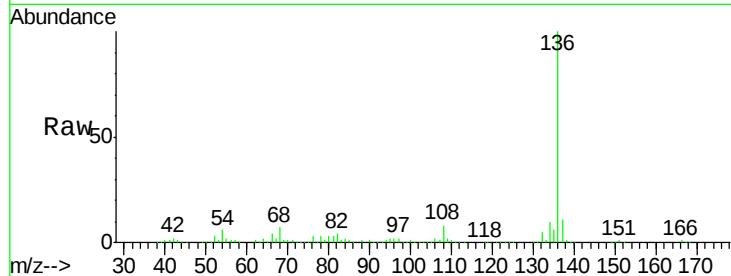




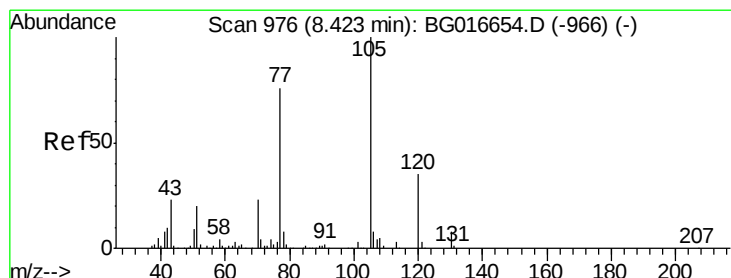
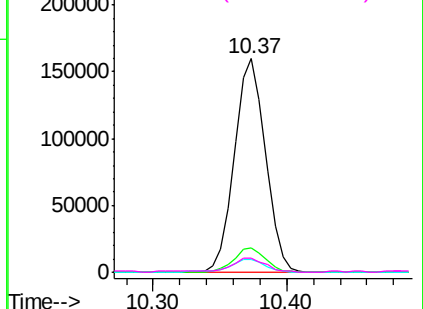
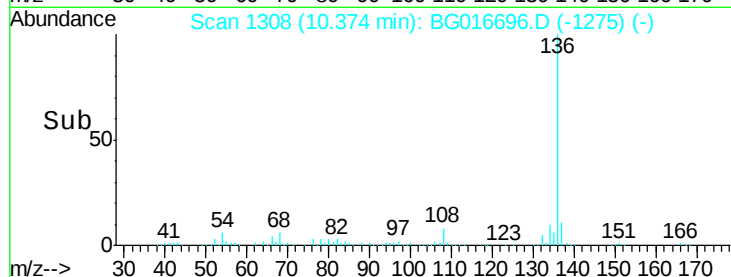
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion:136	Resp:	257748
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	6.0	5.4 8.2
68	6.7	5.2 7.8

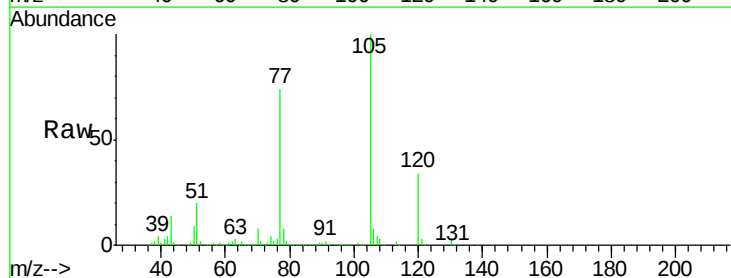


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

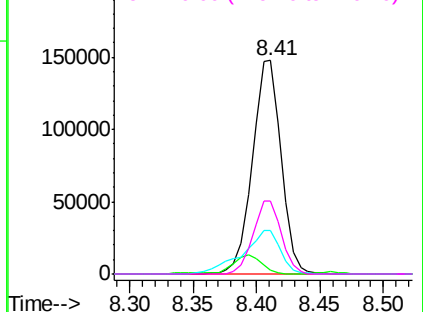
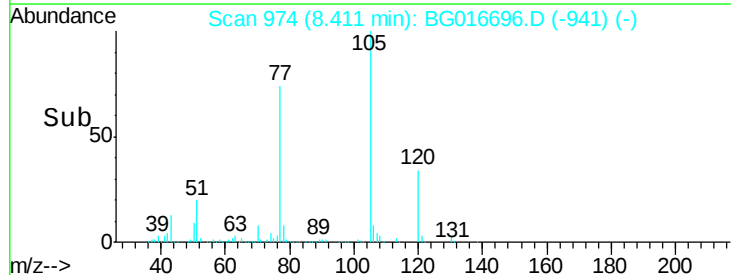


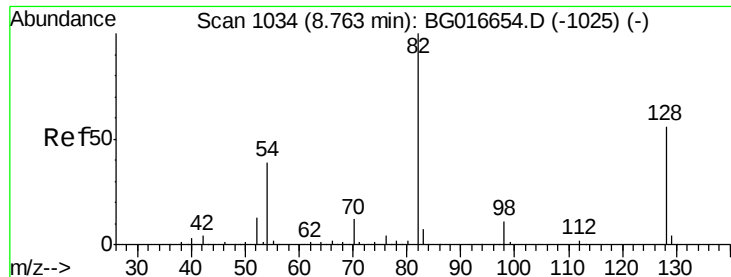
#22
Acetophenone
Concen: 41.42 ng
RT: 8.41 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion:105	Resp:	234334
Ion Ratio	Lower	Upper
105	100	
71	1.5	3.0 4.4#
51	20.3	16.5 24.7
120	34.2	27.8 41.6



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

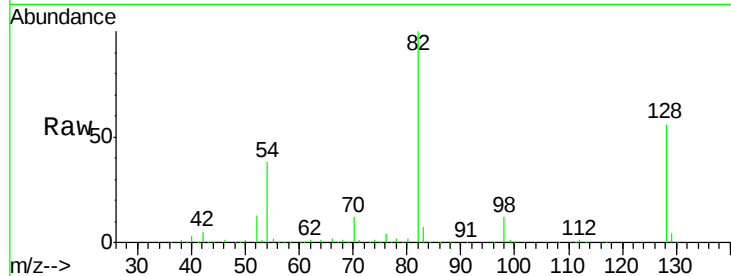




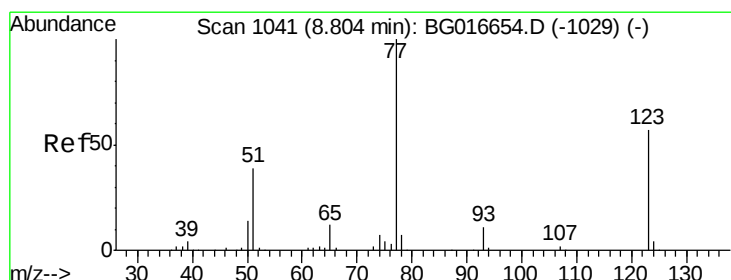
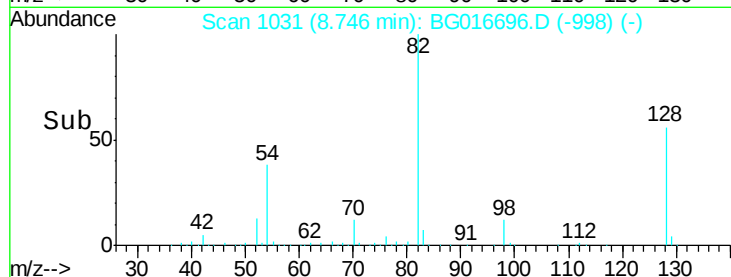
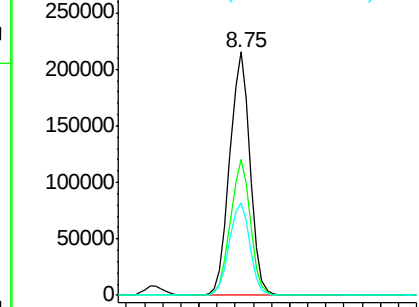
#23
Nitrobenzene-d5
Concen: 82.37 ng
RT: 8.75 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion: 82 Resp: 336006
Ion Ratio Lower Upper
82 100
128 55.7 44.7 67.1
54 38.2 30.9 46.3

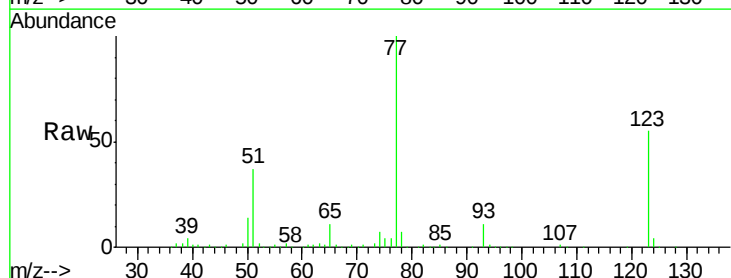


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

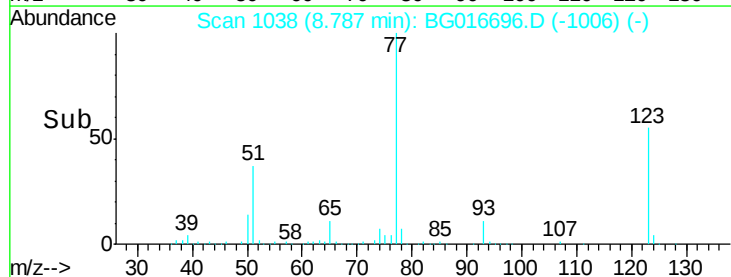
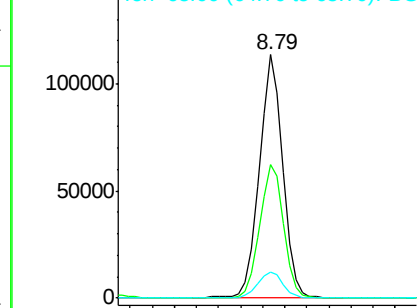


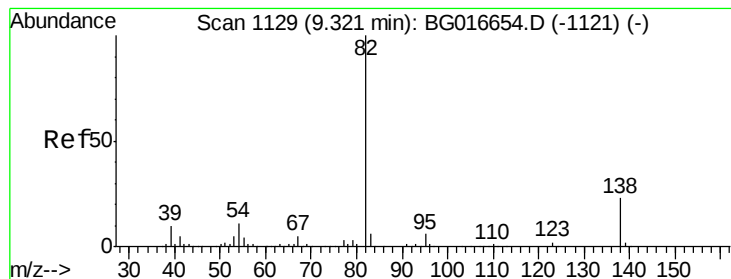
#24
Nitrobenzene
Concen: 39.29 ng
RT: 8.79 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion: 77 Resp: 168312
Ion Ratio Lower Upper
77 100
123 54.6 45.6 68.4
65 10.9 9.4 14.2



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





#25

Isophorone

Concen: 38.72 ng

RT: 9.30 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

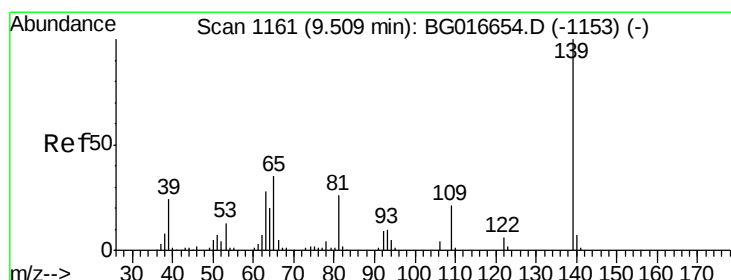
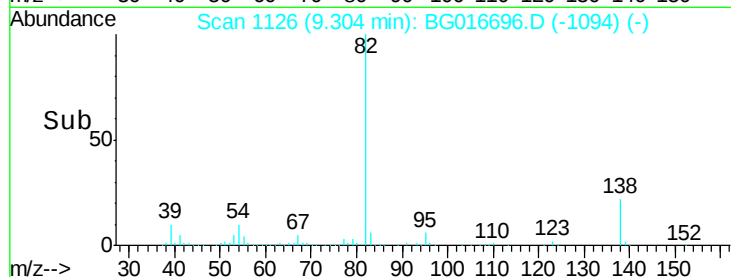
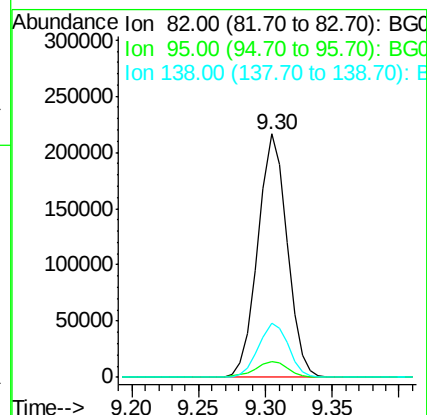
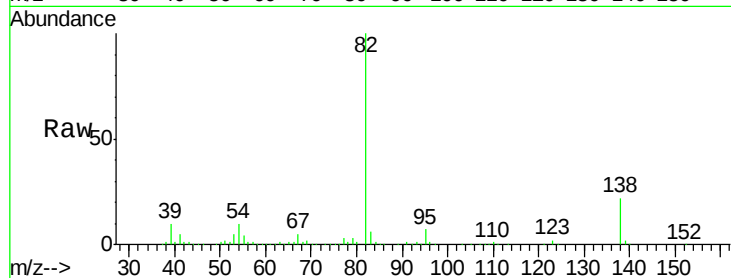
Tot Ion: 82 Resp: 327336

Ion Ratio Lower Upper

82 100

95 6.6 5.0 7.6

138 22.4 18.2 27.2



#26

2-Nitrophenol

Concen: 41.38 ng

RT: 9.50 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

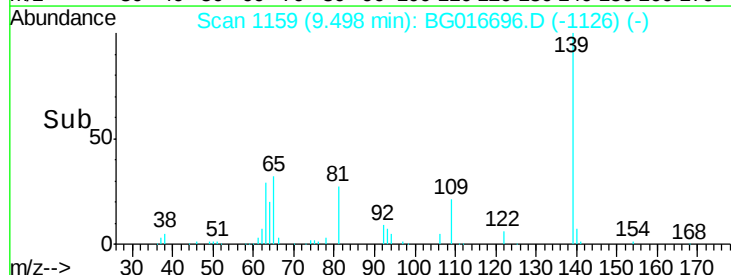
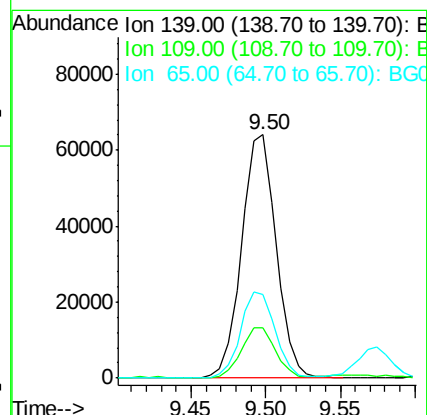
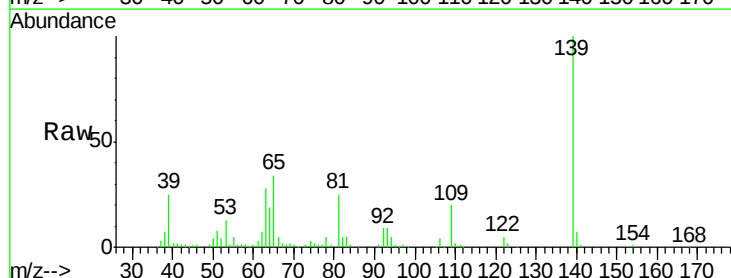
Tgt Ion: 139 Resp: 102845

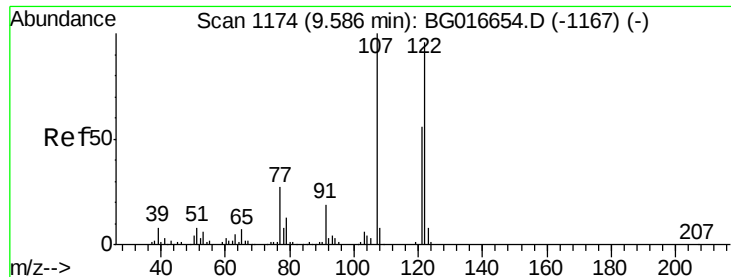
Ion Ratio Lower Upper

139 100

109 20.4 17.0 25.6

65 34.5 28.2 42.4

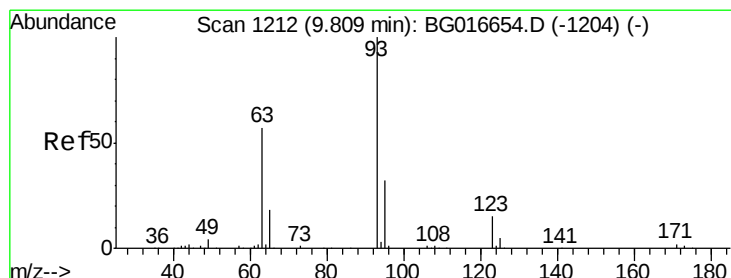
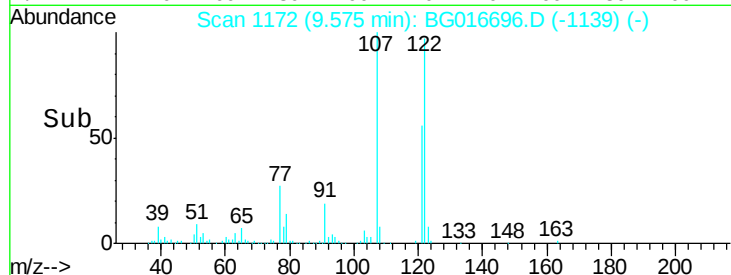
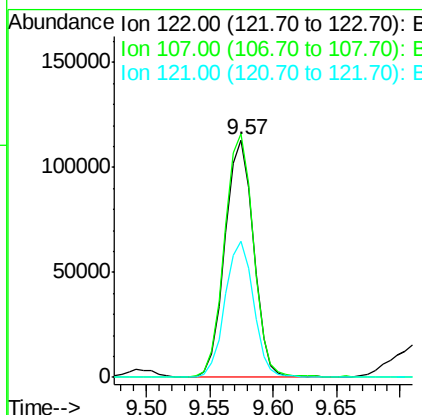
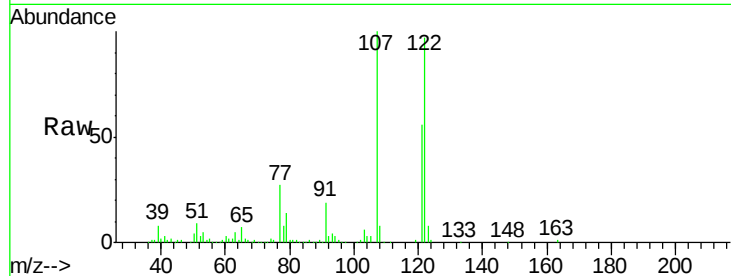




#27
2,4-Dimethylphenol
Concen: 42.75 ng
RT: 9.57 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

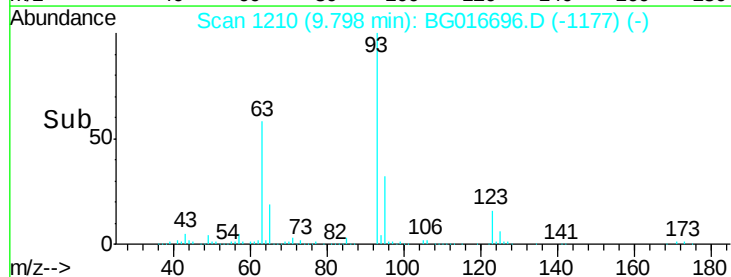
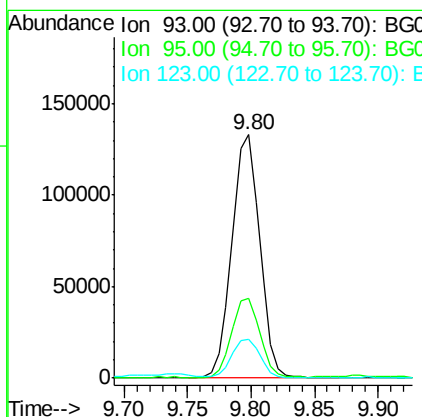
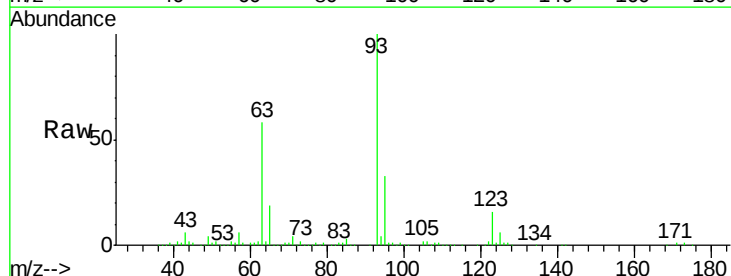
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

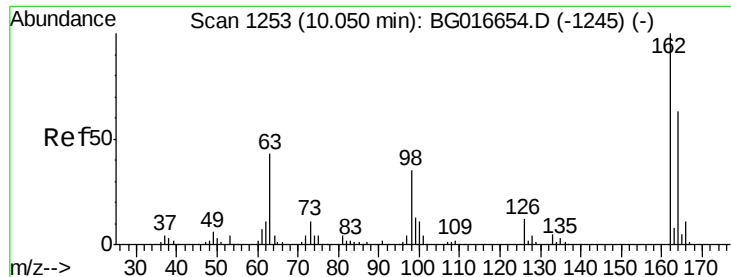
Tot Ion:122 Resp: 177446
Ion Ratio Lower Upper
122 100
107 102.6 83.6 125.4
121 57.1 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 39.42 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion: 93 Resp: 201063
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 15.9 12.2 18.4

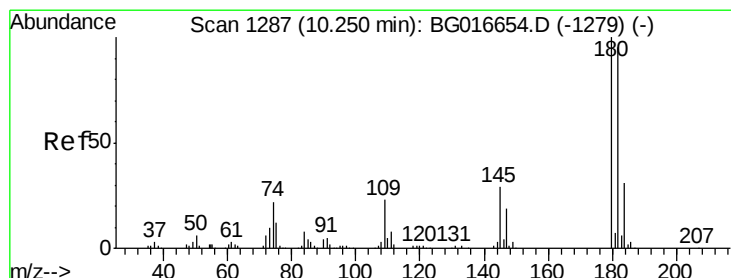
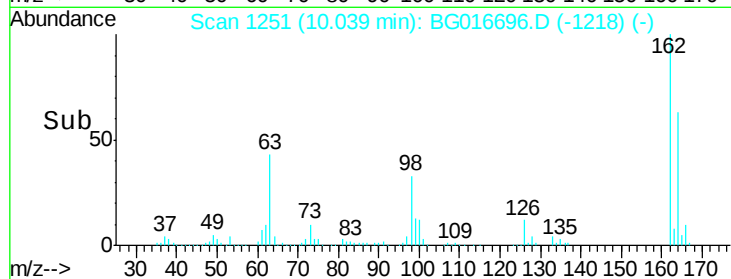
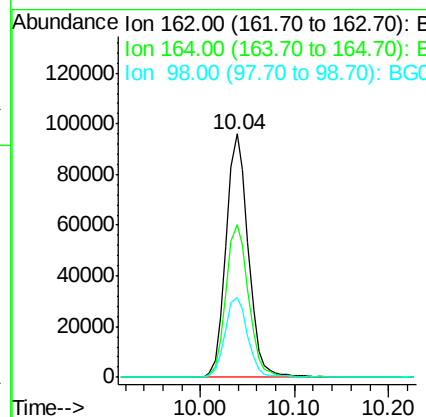
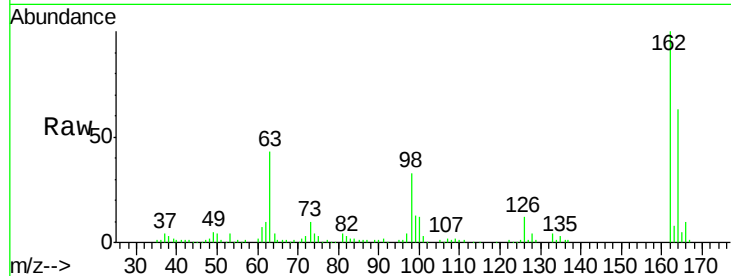




#29
 2,4-Dichlorophenol
 Concen: 45.01 ng
 RT: 10.04 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

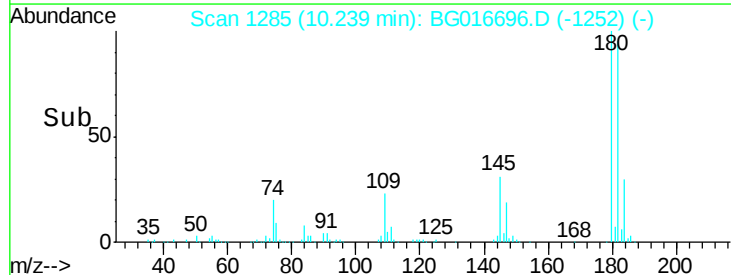
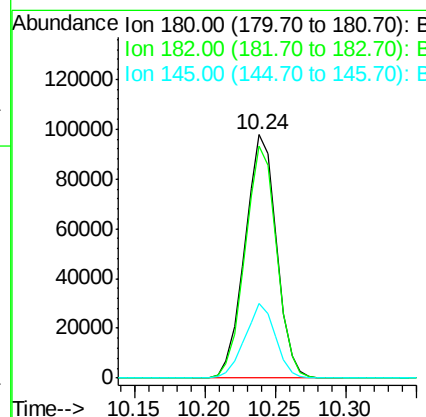
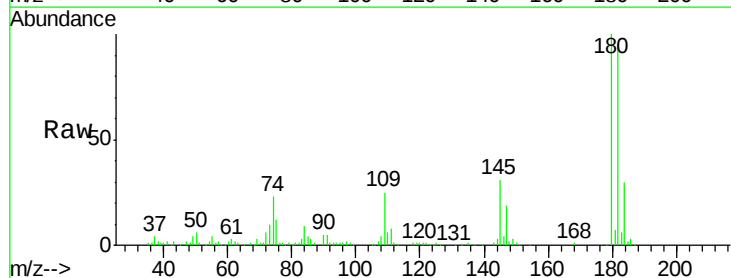
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

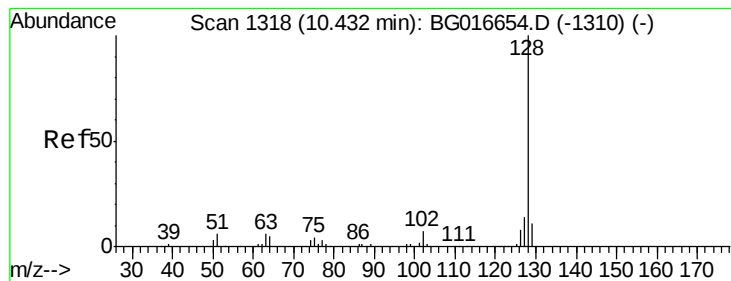
Tot Ion	162	Resp	158798
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.9	82.9
98	32.8	15.4	55.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.96 ng
 RT: 10.24 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion	180	Resp	153155
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.2	114.4
145	30.8	23.2	34.8





#31

Naphthalene

Concen: 40.54 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

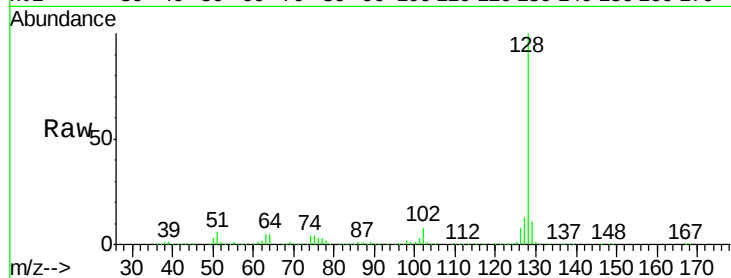
Tot Ion:128 Resp: 550915

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

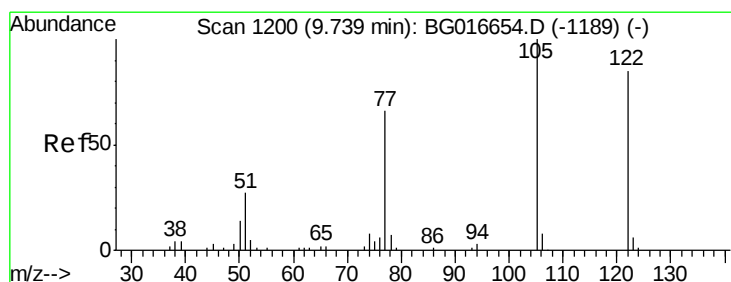
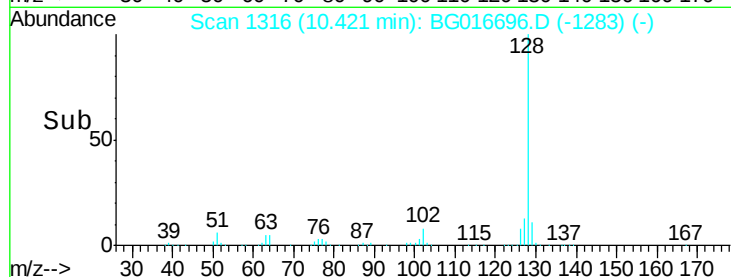
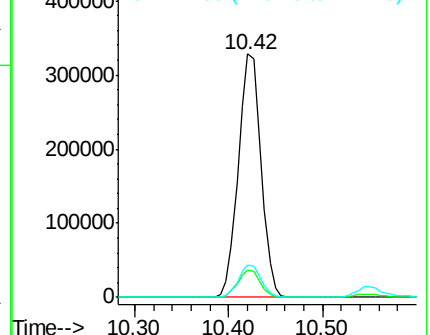
127 13.3 11.1 16.7



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: 41.43 ng

RT: 9.74 min Scan# 1200

Delta R.T. 0.02 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

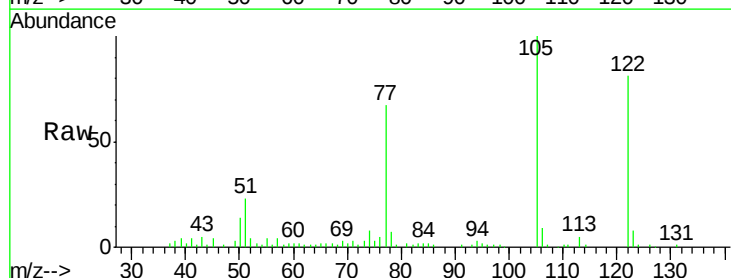
Tgt Ion:122 Resp: 89873

Ion Ratio Lower Upper

122 100

105 123.1 97.2 137.2

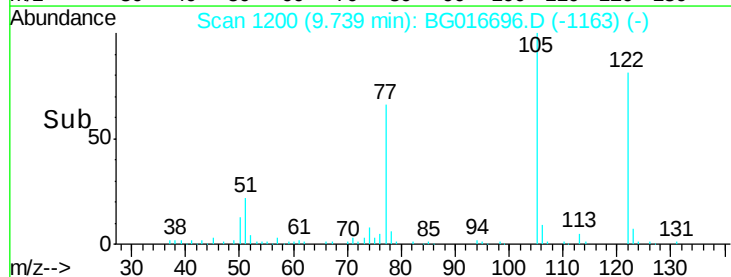
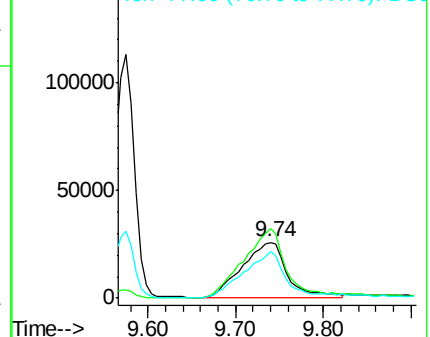
77 82.3 58.4 98.4

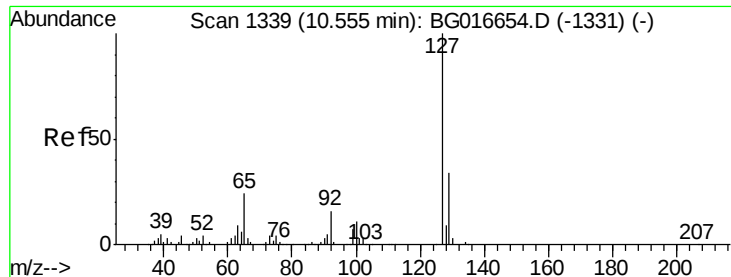


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

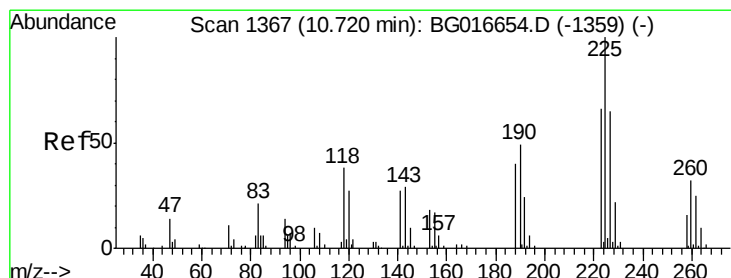
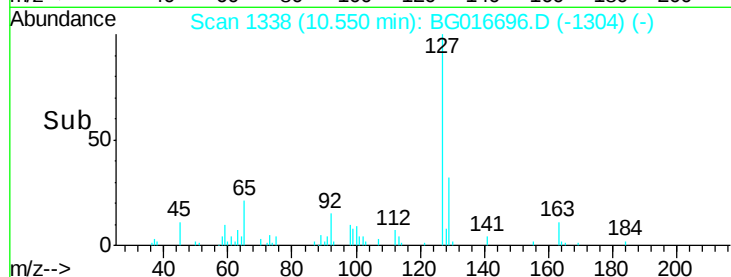
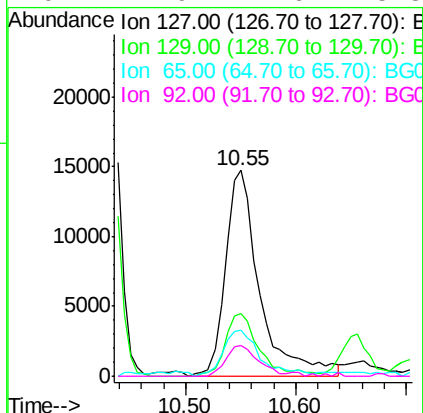
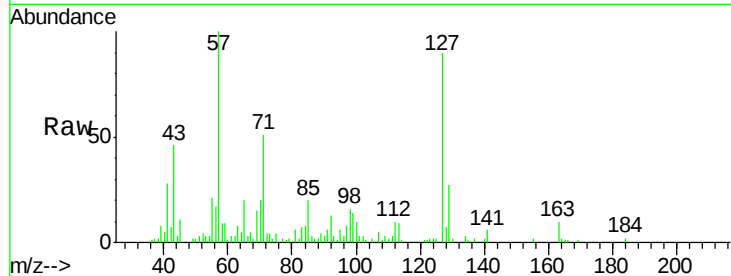




#33
4-Chloroaniline
Concen: 5.11 ng
RT: 10.55 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

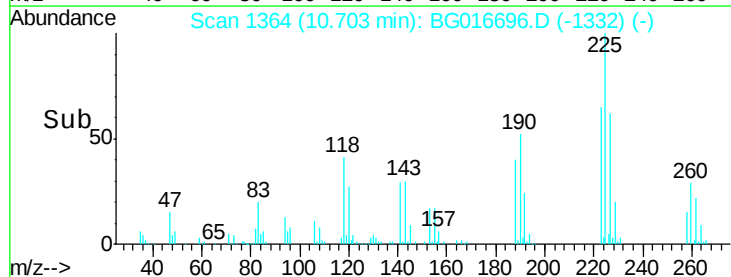
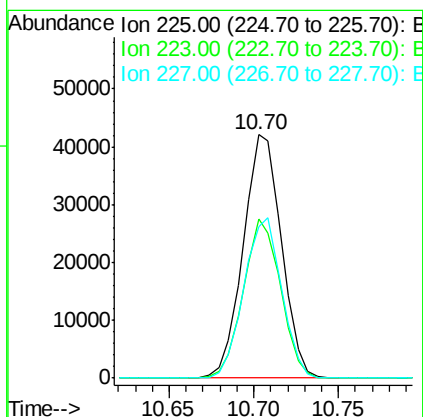
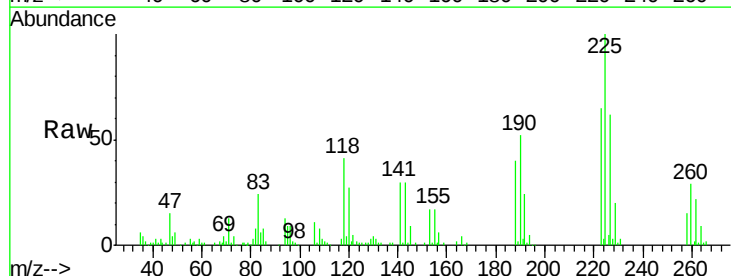
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

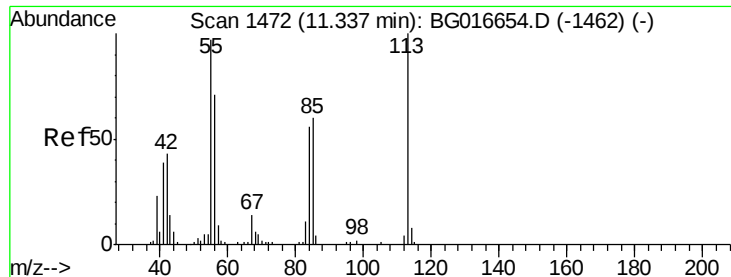
Tot Ion:127	Resp:	32026
Ion Ratio	Lower	Upper
127	100	
129	30.5	27.4 41.2
65	22.4	19.1 28.7
92	14.9	12.6 18.8



#34
Hexachlorobutadiene
Concen: 39.68 ng
RT: 10.70 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion:225	Resp:	66268
Ion Ratio	Lower	Upper
225	100	
223	65.2	52.6 79.0
227	62.3	52.0 78.0





#35

Caprolactam

Concen: 40.76 ng/ml

RT: 11.40 min Scan# 1482

Delta R.T. 0.08 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

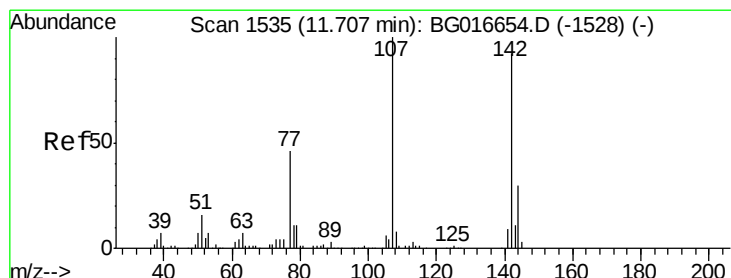
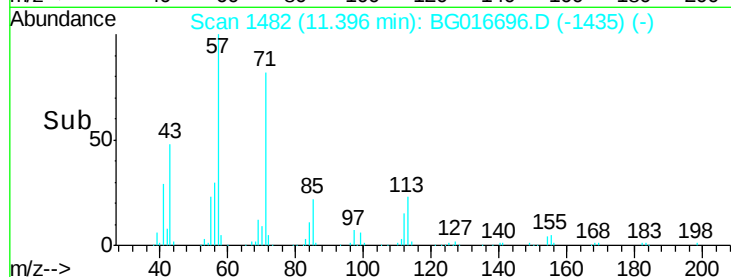
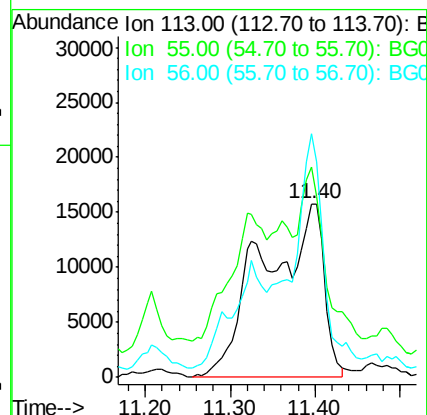
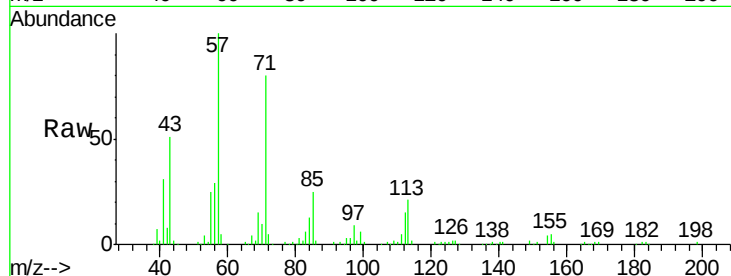
Tot Ion:113 Resp: 77526

Ion Ratio Lower Upper

113 100

55 121.1 77.1 117.1#

56 140.1 51.4 91.4#



#36

4-Chloro-3-methylphenol

Concen: 42.59 ng/ml

RT: 11.70 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

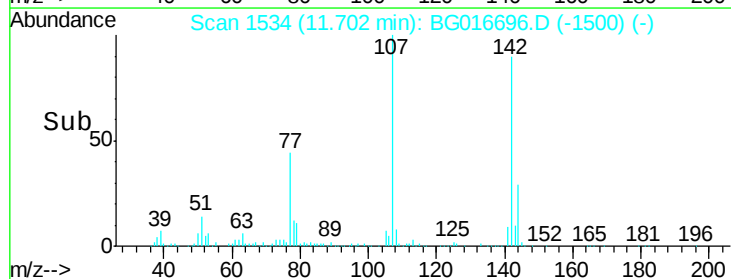
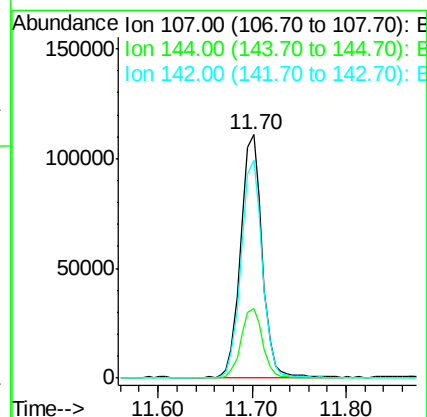
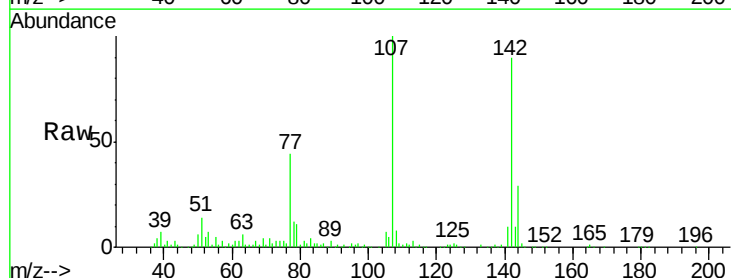
Tgt Ion:107 Resp: 174710

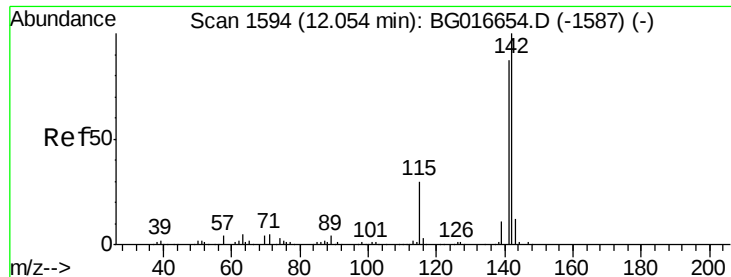
Ion Ratio Lower Upper

107 100

144 28.7 24.2 36.4

142 89.8 73.8 110.6

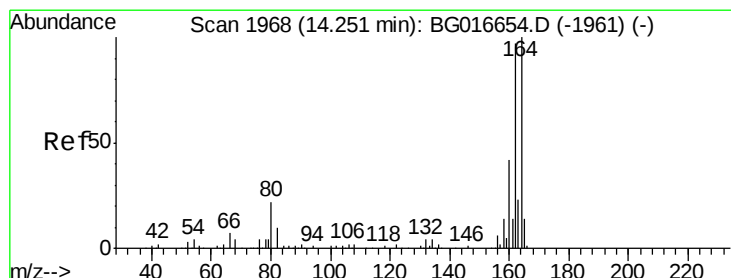
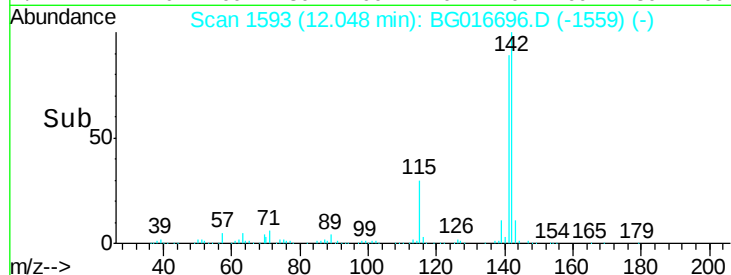
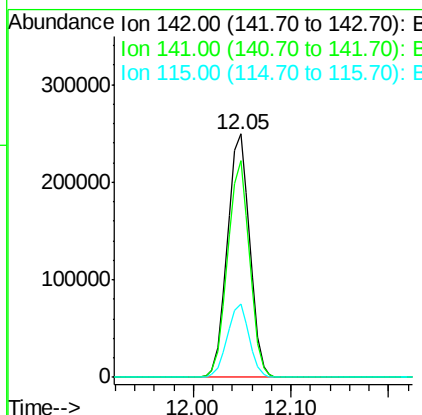
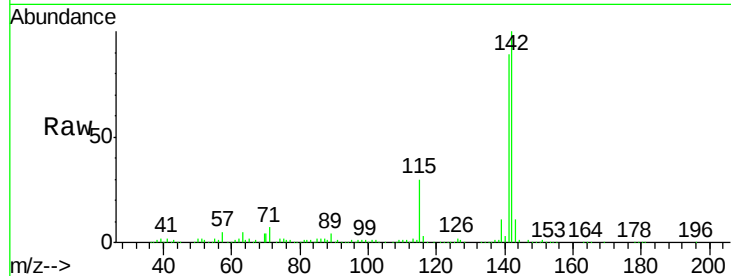




#37
2-Methylnaphthalene
Concen: 40.44 ng
RT: 12.05 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

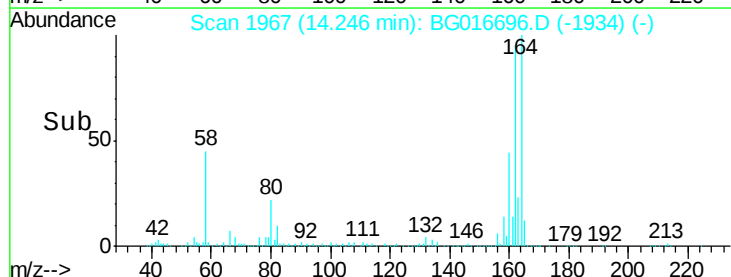
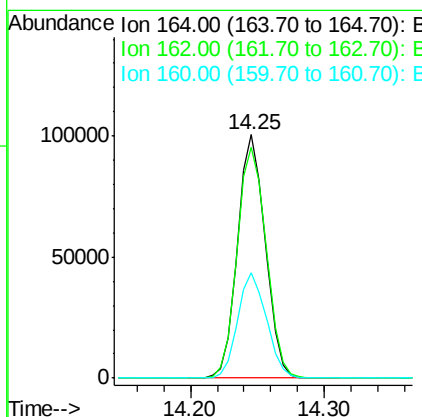
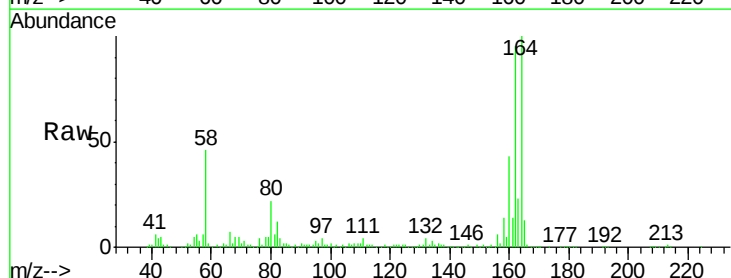
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

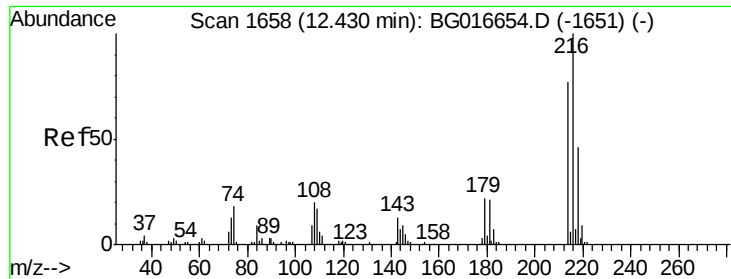
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.9	104.9
115	29.9	24.0	36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	77.3	115.9
160	43.4	33.7	50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.49 ng

RT: 12.42 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

Tot Ion:216 Resp: 143005

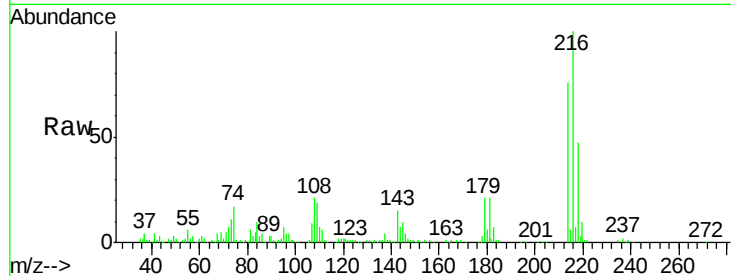
Ion Ratio Lower Upper

216 100

214 77.5 63.8 95.8

179 22.9 17.6 26.4

108 24.3 18.1 27.1

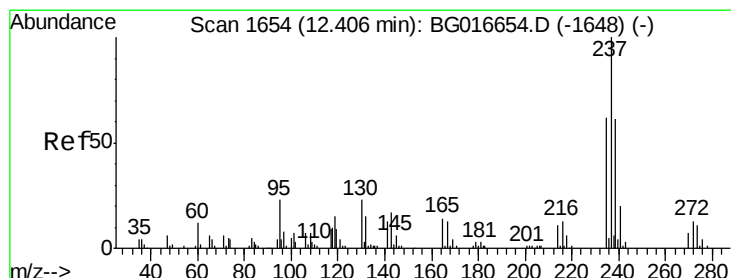
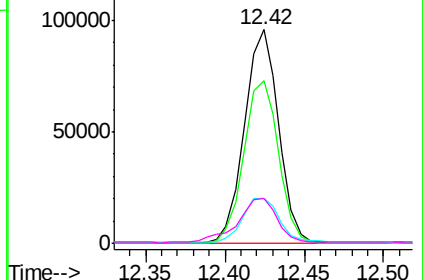
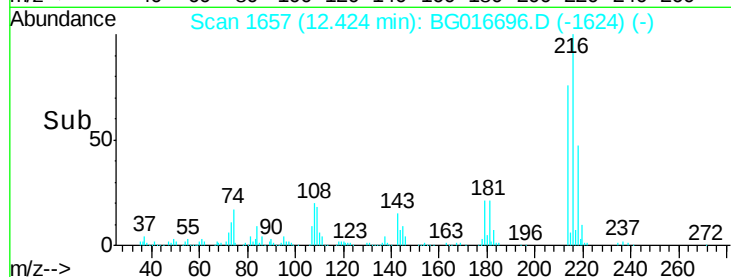


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.46 ng

RT: 12.40 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

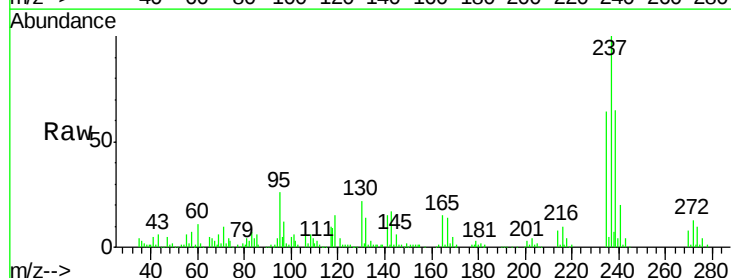
Tgt Ion:237 Resp: 110514

Ion Ratio Lower Upper

237 100

235 64.1 42.2 82.2

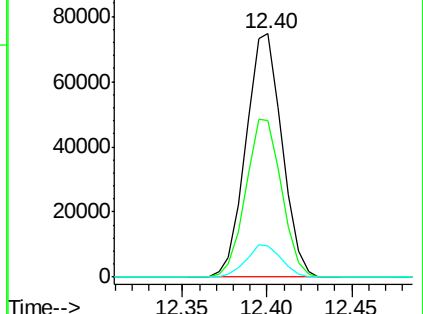
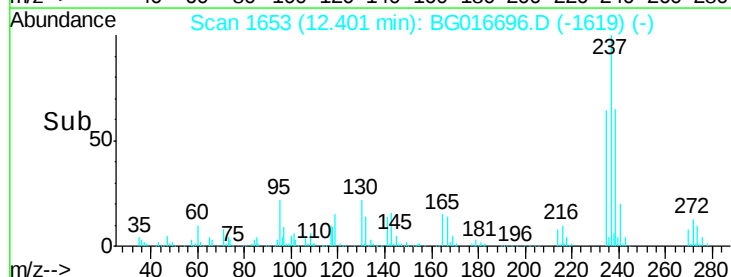
272 12.5 0.0 32.8

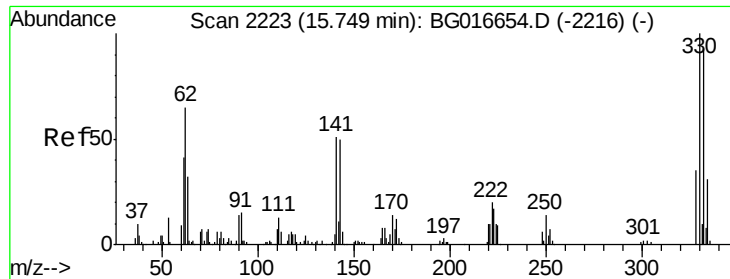


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

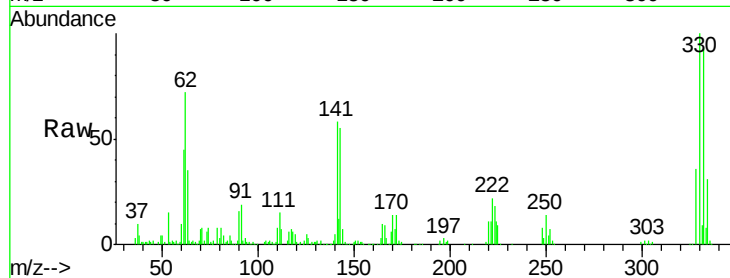




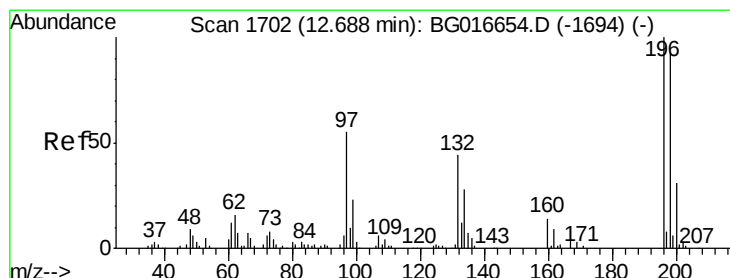
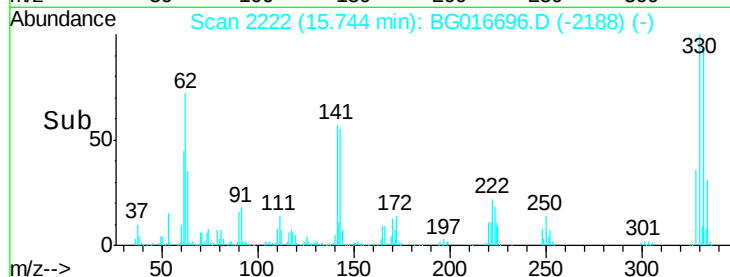
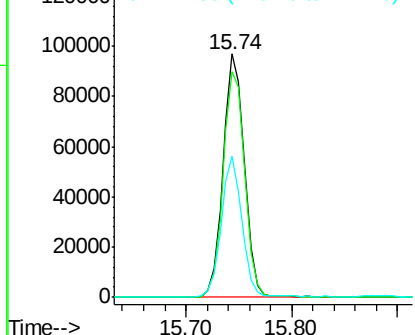
#41
 2,4,6-Tribromophenol
 Concen: 126.07 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

Tot Ion:330 Resp: 135334
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.2 114.4
 141 55.2 43.0 64.6

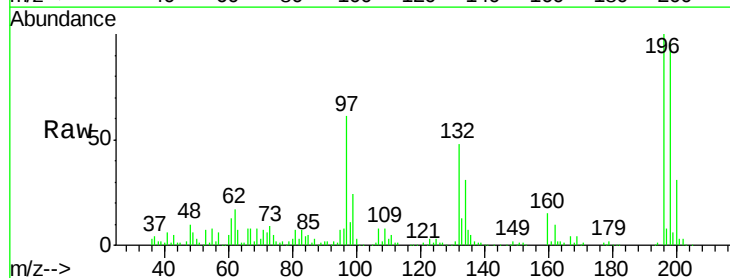


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

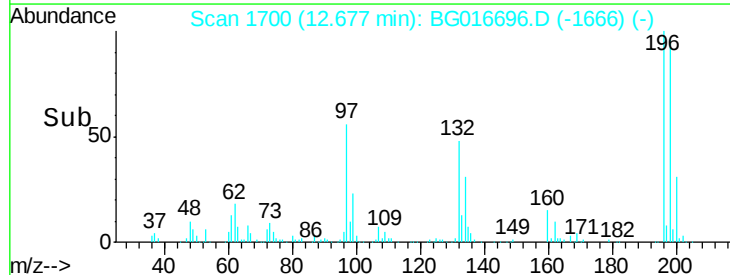
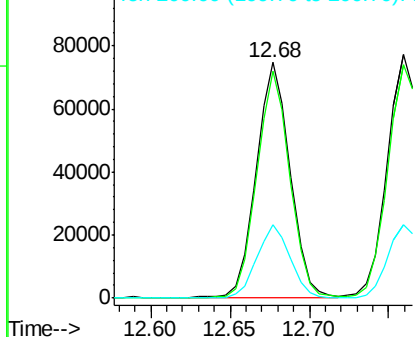


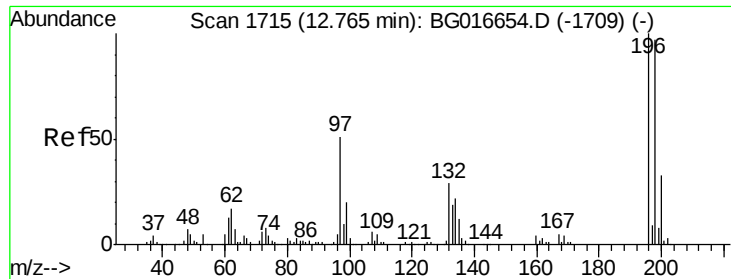
#42
 2,4,6-Trichlorophenol
 Concen: 43.63 ng
 RT: 12.68 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:196 Resp: 109904
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.6 111.8
 200 31.3 24.6 37.0



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

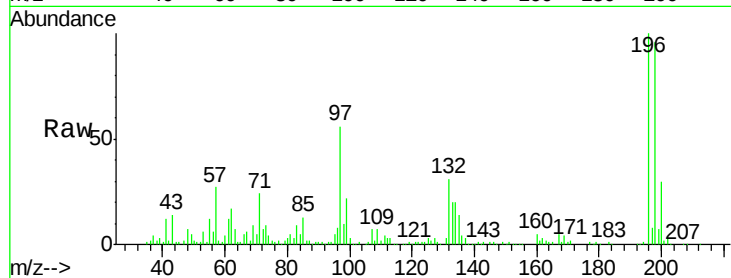




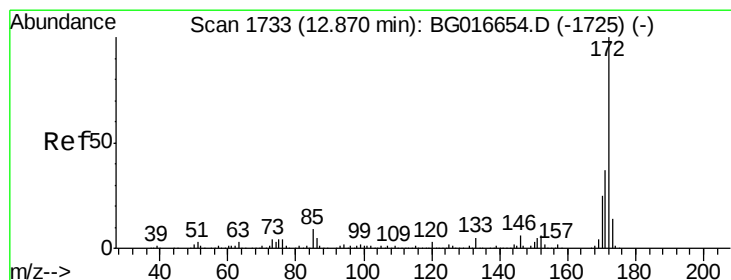
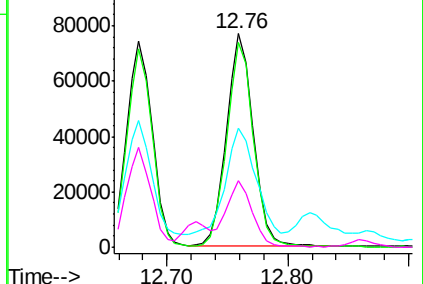
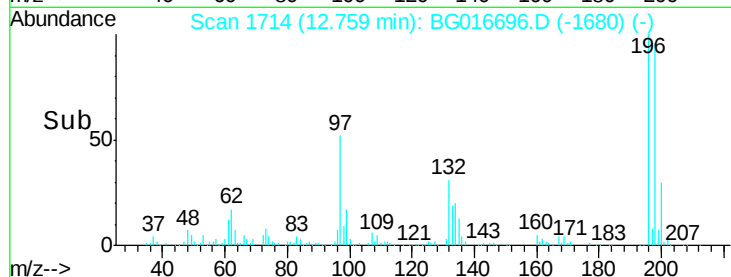
#43
2,4,5-Trichlorophenol
Concen: 44.52 ng
RT: 12.76 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion:196 Resp: 118672
Ion Ratio Lower Upper
196 100
198 95.8 77.4 116.0
97 55.8 40.9 61.3
132 31.0 23.2 34.8

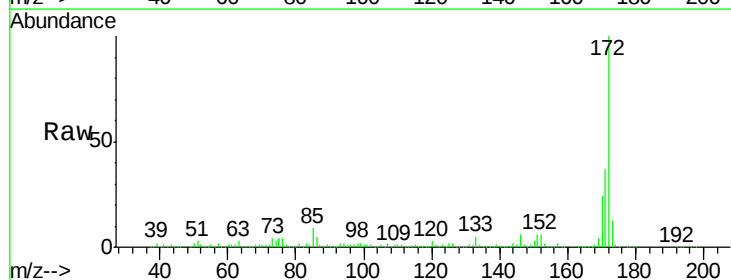


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

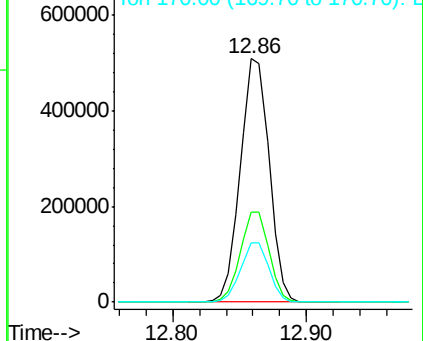
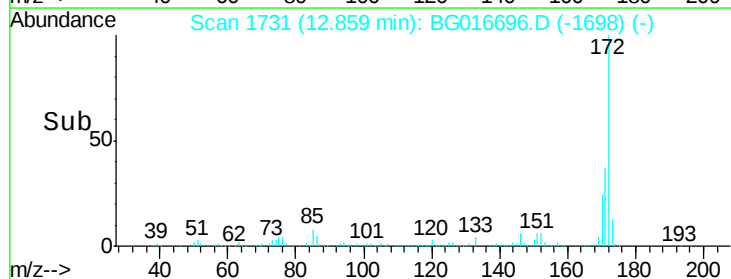


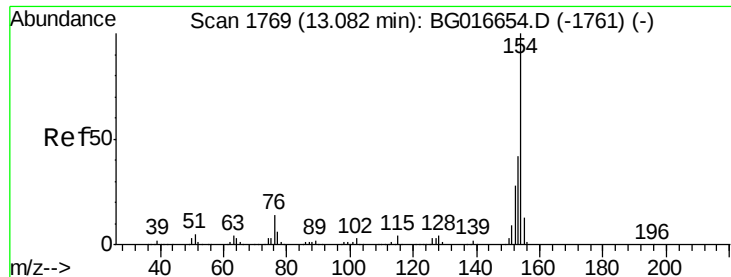
#44
2-Fluorobiphenyl
Concen: 84.36 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion:172 Resp: 759741
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 24.2 19.8 29.8



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: 41.51 ng

RT: 13.08 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

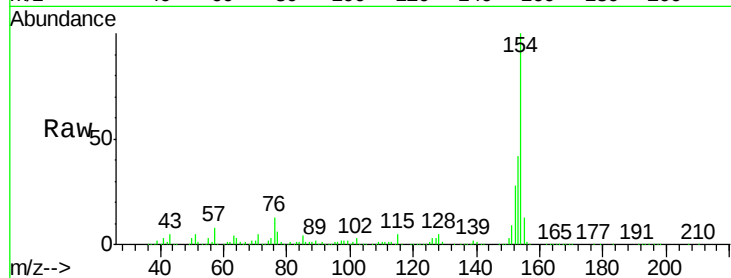
Tot Ion:154 Resp: 471753

Ion Ratio Lower Upper

154 100

153 41.5 21.8 61.8

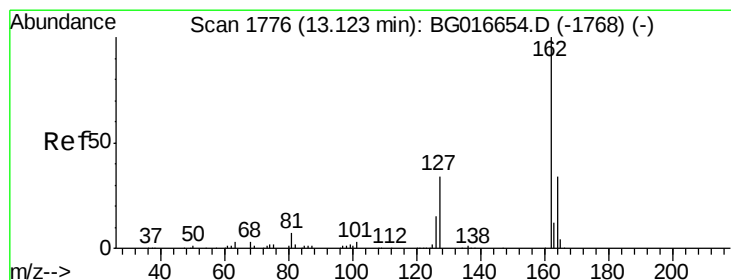
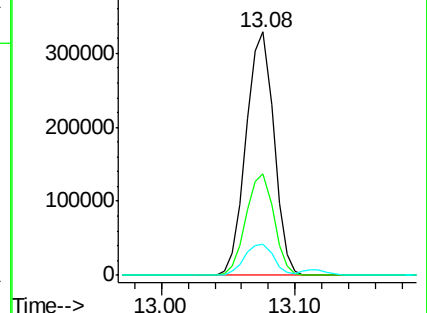
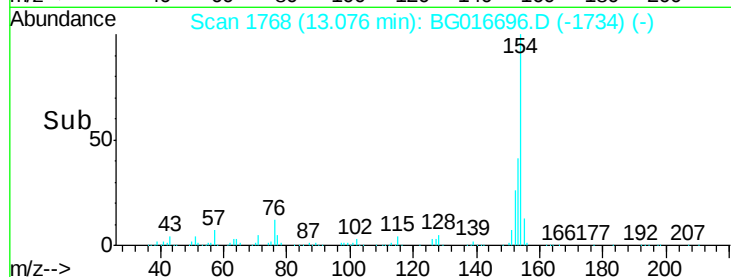
76 13.0 0.0 33.7



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: 40.25 ng

RT: 13.12 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

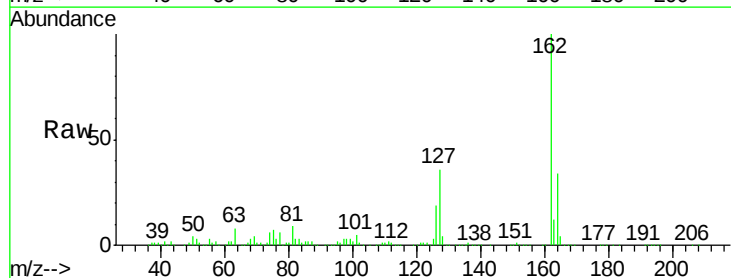
Tgt Ion:162 Resp: 351612

Ion Ratio Lower Upper

162 100

127 36.4 30.4 45.6

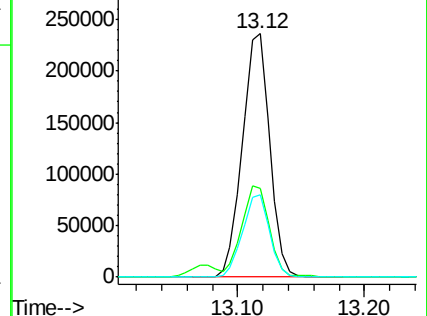
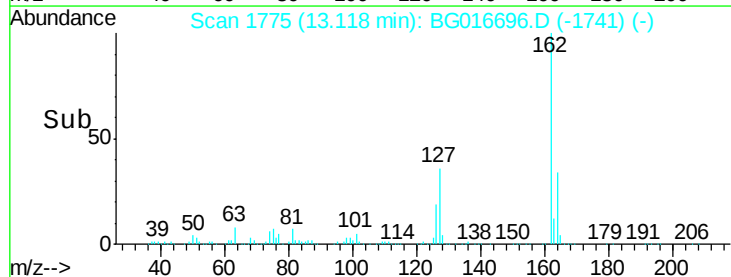
164 33.6 26.9 40.3

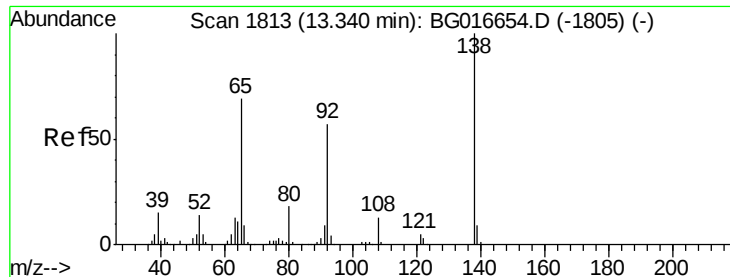


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.40 ng

RT: 13.33 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

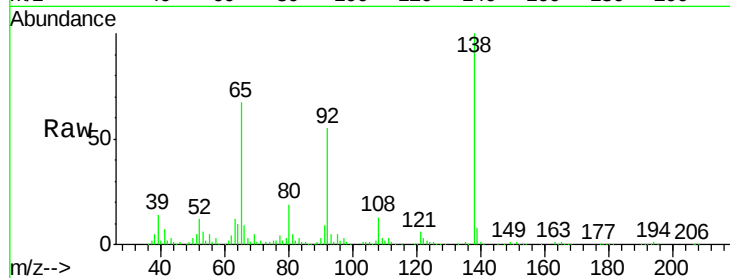
Tot Ion: 65 Resp: 96253

Ion Ratio Lower Upper

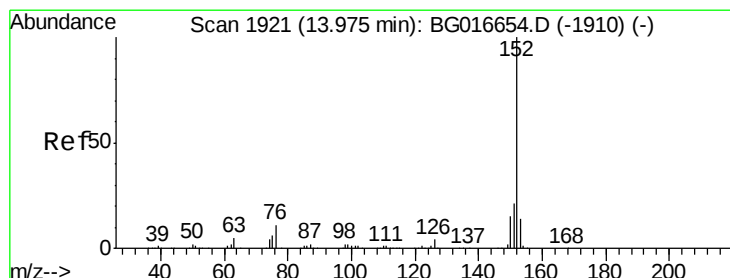
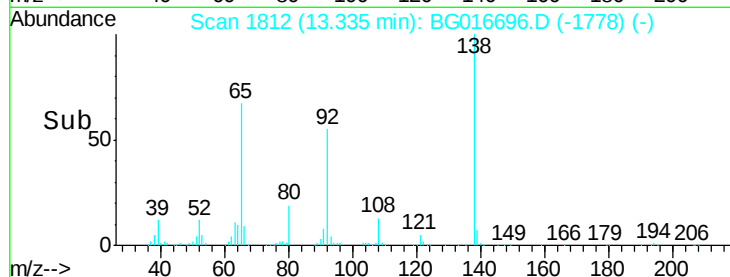
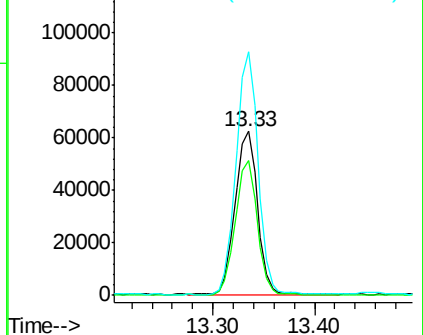
65 100

92 82.1 65.9 98.9

138 148.7 115.4 173.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 39.34 ng

RT: 13.97 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

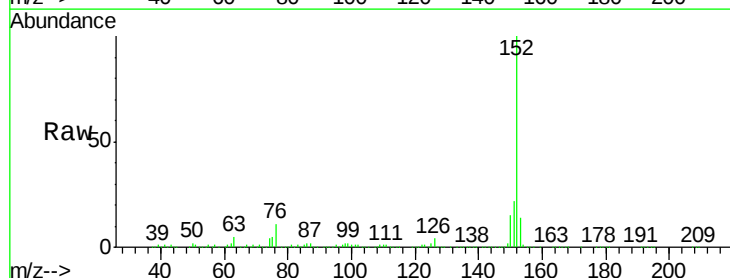
Tgt Ion: 152 Resp: 601869

Ion Ratio Lower Upper

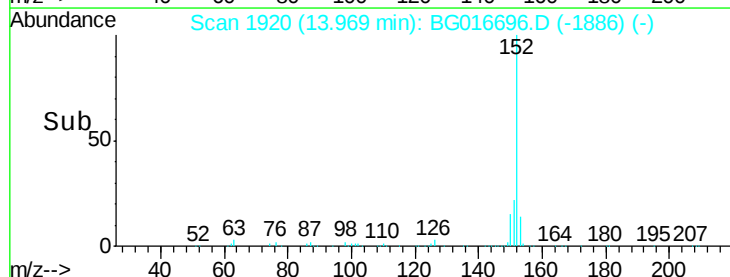
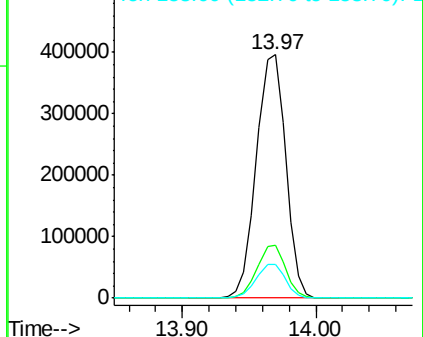
152 100

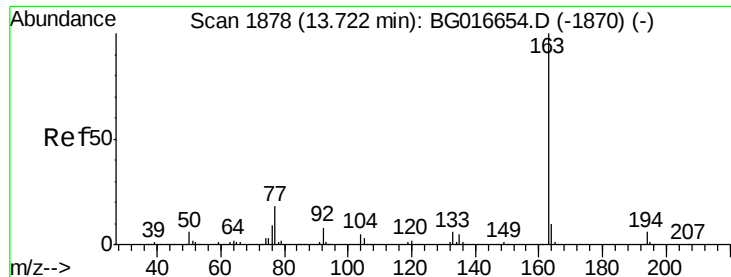
151 21.8 16.7 25.1

153 13.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 40.00 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

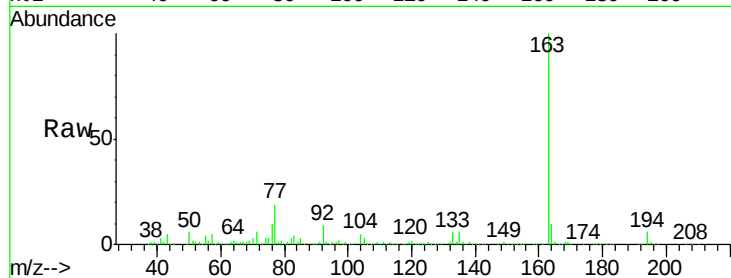
Tot Ion:163 Resp: 433012

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

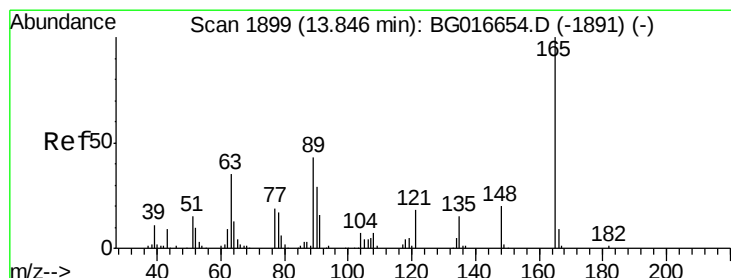
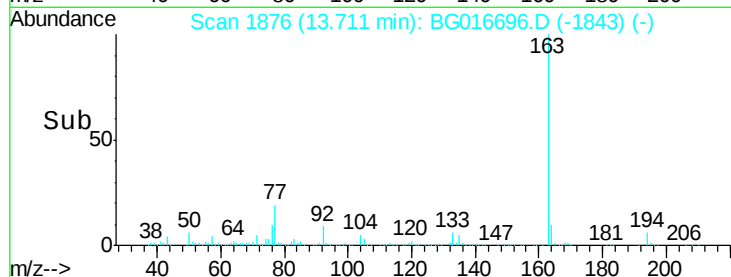
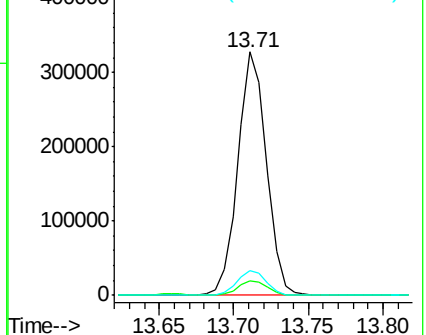
164 10.3 7.8 11.8



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: 38.93 ng

RT: 13.83 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

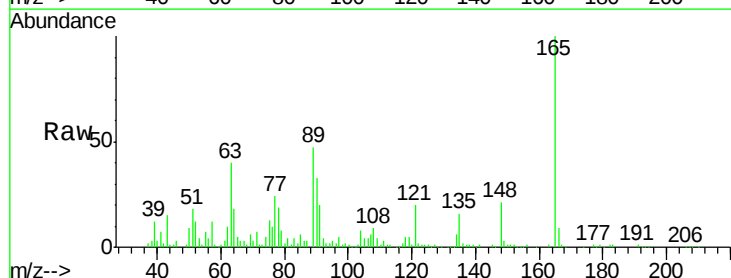
Tgt Ion:165 Resp: 103423

Ion Ratio Lower Upper

165 100

63 39.8 31.5 47.3

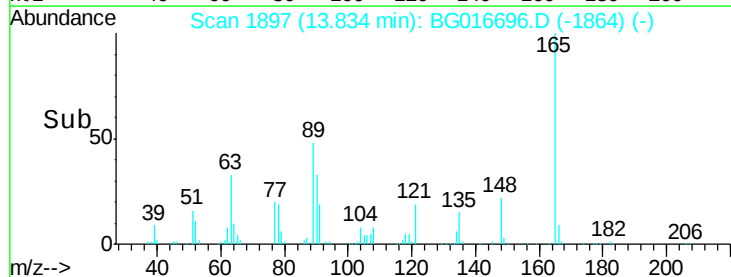
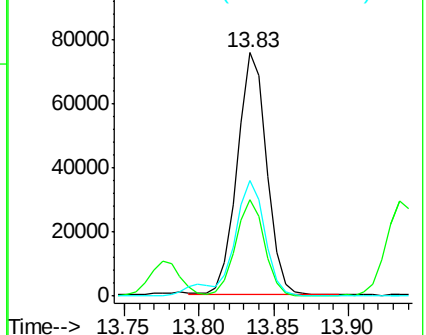
89 47.4 34.7 52.1

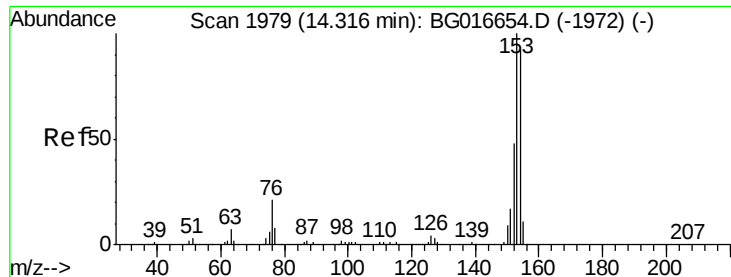


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.00 ng

RT: 14.31 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

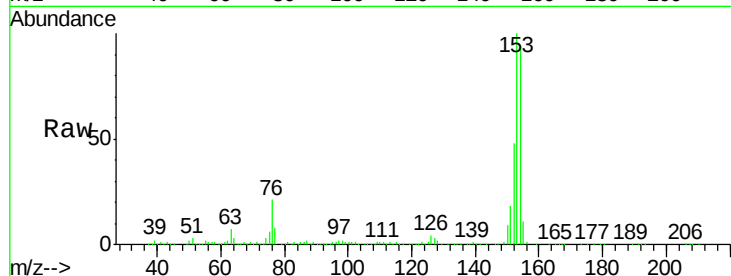
Tot Ion:154 Resp: 367320

Ion Ratio Lower Upper

154 100

153 106.4 87.0 130.6

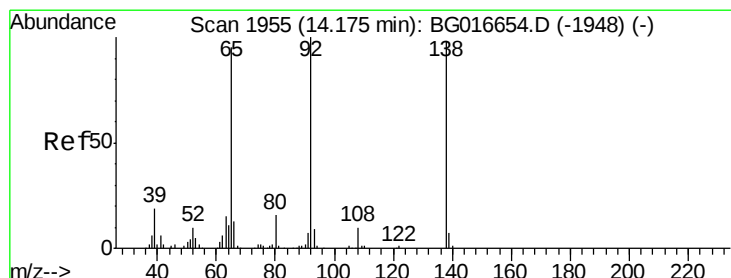
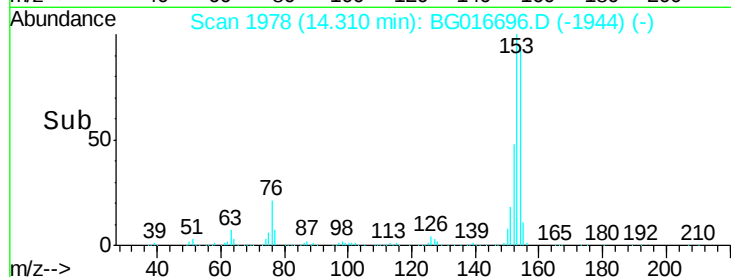
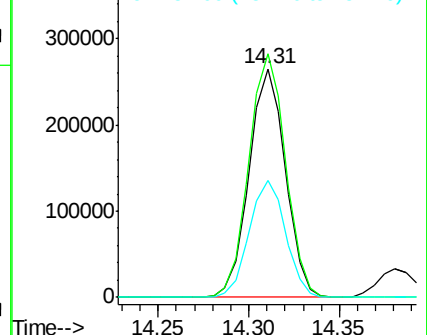
152 51.0 41.6 62.4



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: 16.63 ng

RT: 14.17 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

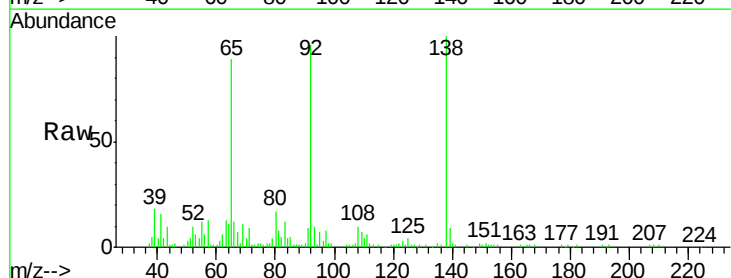
Tgt Ion:138 Resp: 53402

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

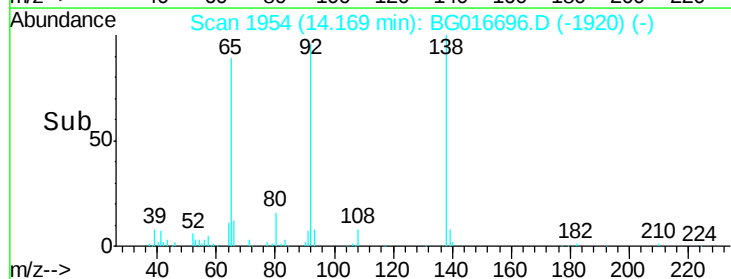
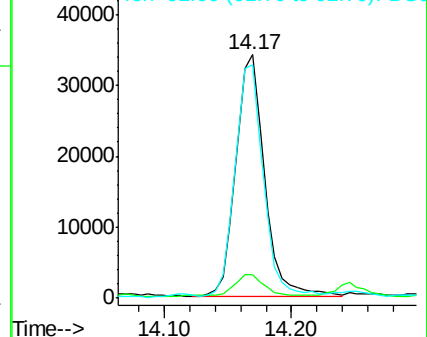
92 96.1 81.9 122.9

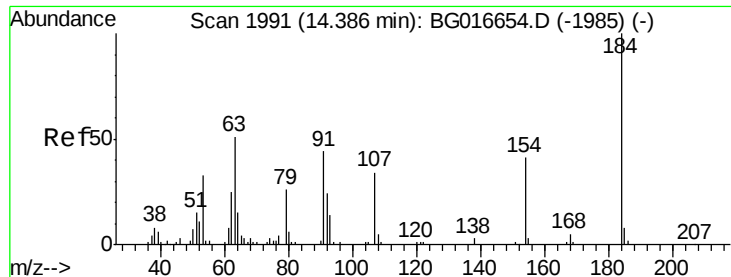


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

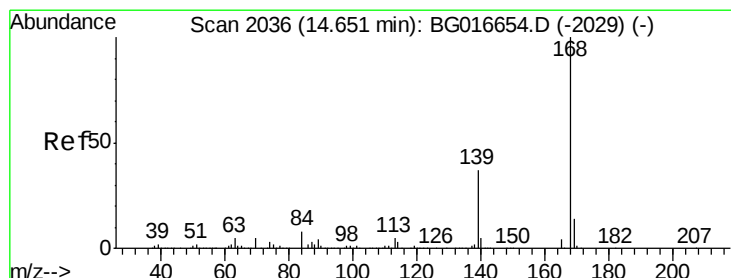
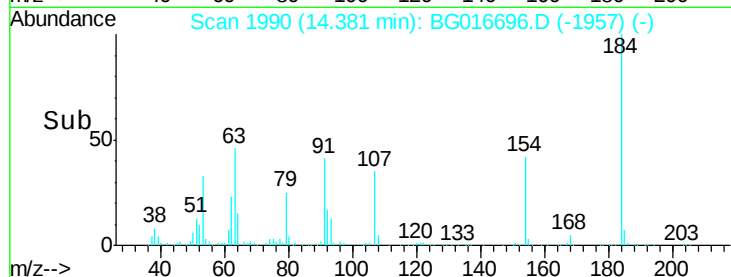
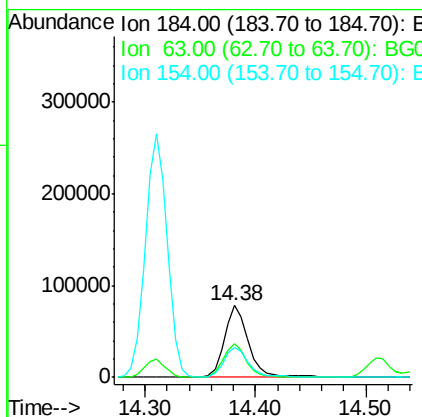
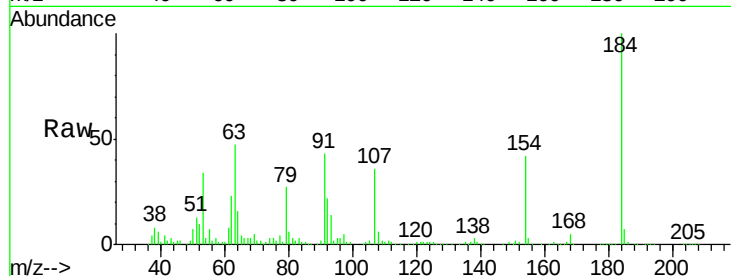




#53
 2,4-Dinitrophenol
 Concen: 82.45 ng
 RT: 14.38 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

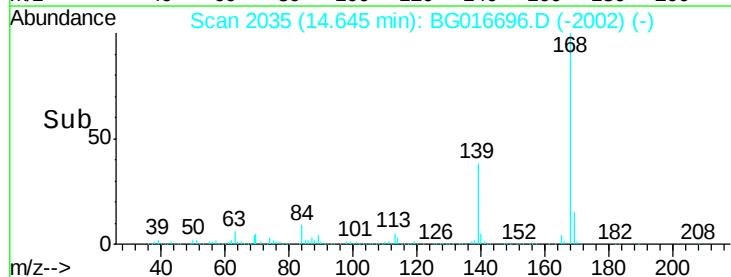
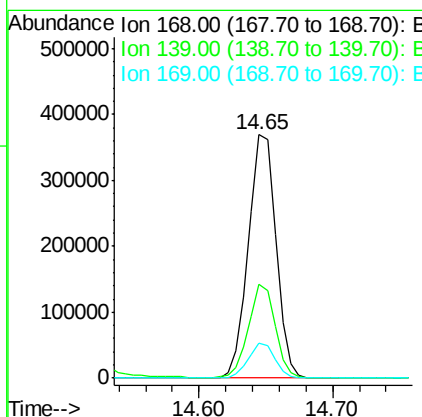
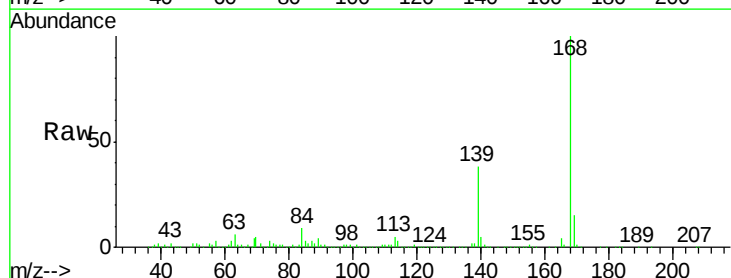
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

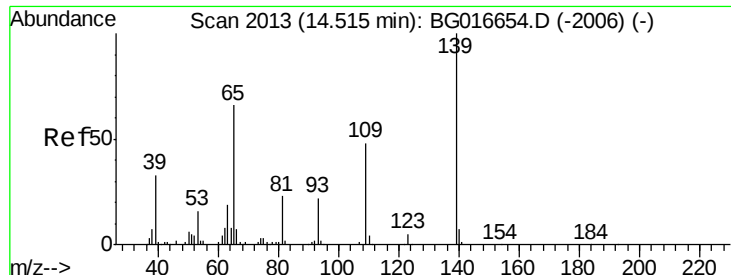
Tot Ion:184 Resp: 119447
 Ion Ratio Lower Upper
 184 100
 63 46.8 40.7 61.1
 154 42.0 34.1 51.1



#54
 Dibenzofuran
 Concen: 40.43 ng
 RT: 14.65 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:168 Resp: 523637
 Ion Ratio Lower Upper
 168 100
 139 38.3 29.8 44.8
 169 14.5 11.0 16.4

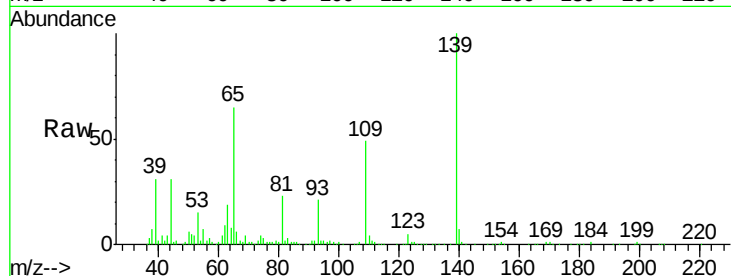




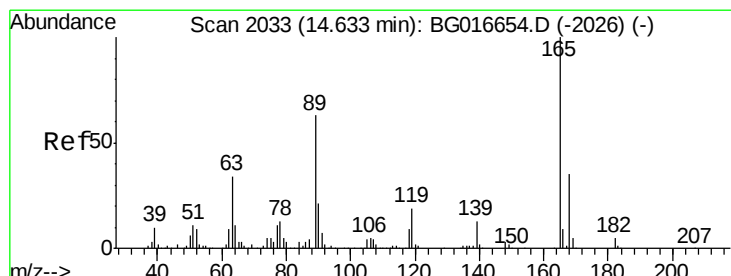
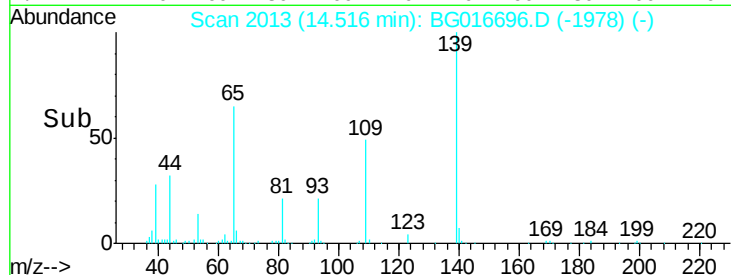
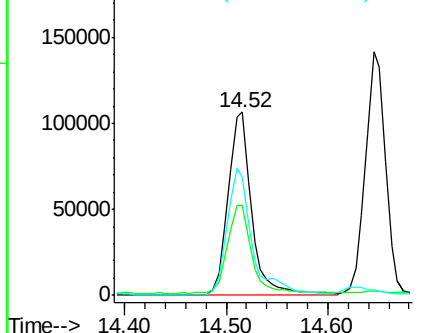
#55
4-Nitrophenol
Concen: 71.04 ng
RT: 14.52 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion:139 Resp: 170905
Ion Ratio Lower Upper
139 100
109 49.3 27.8 67.8
65 64.7 46.3 86.3

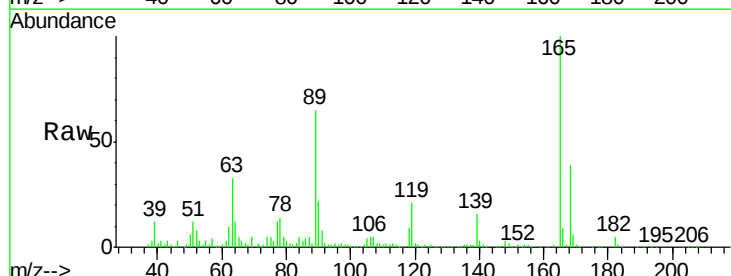


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

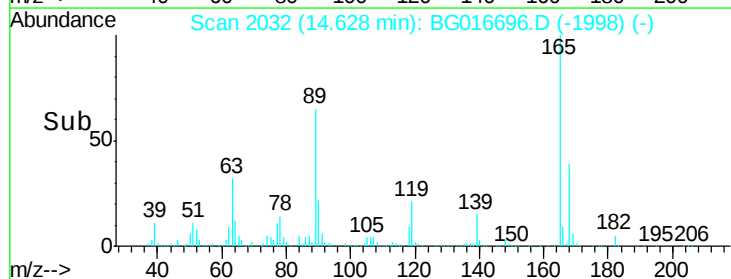
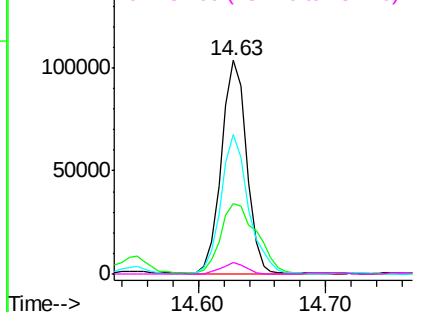


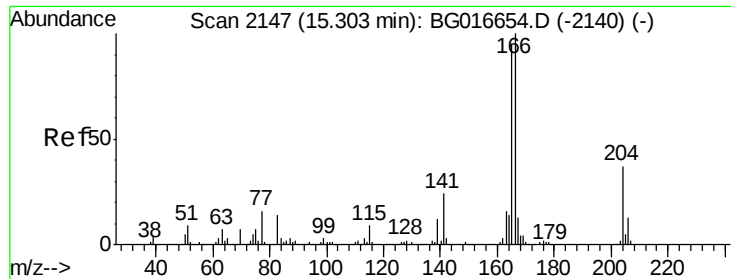
#56
2,4-Dinitrotoluene
Concen: 38.98 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion:165 Resp: 141800
Ion Ratio Lower Upper
165 100
63 32.9 27.4 41.0
89 65.2 50.6 75.8
182 5.3 3.9 5.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

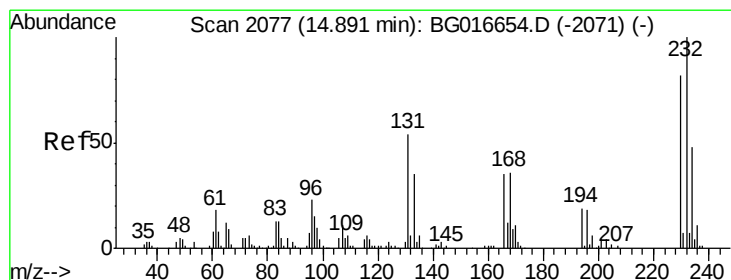
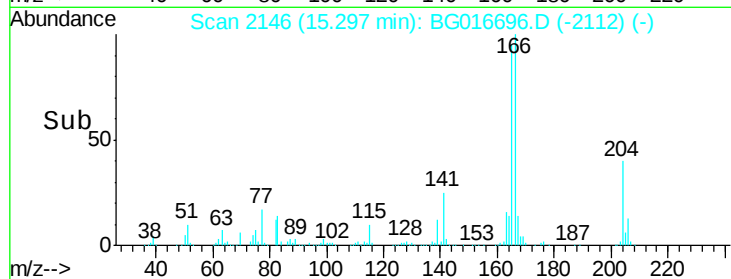
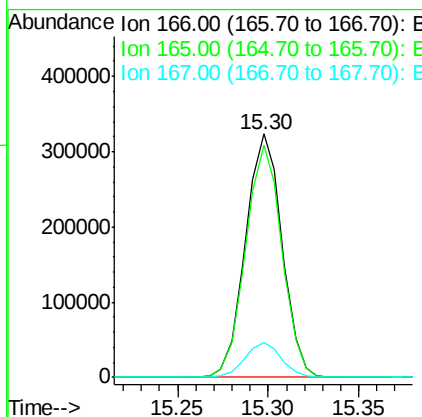
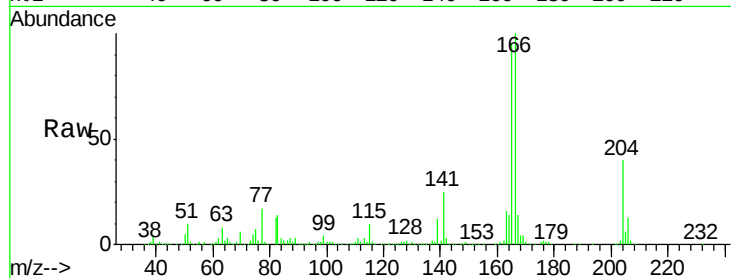




#57
 Fluorene
 Concen: 40.01 ng
 RT: 15.30 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

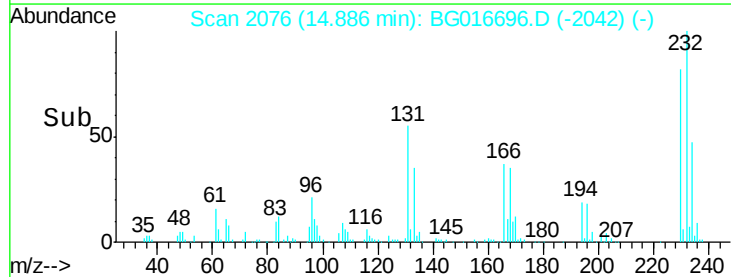
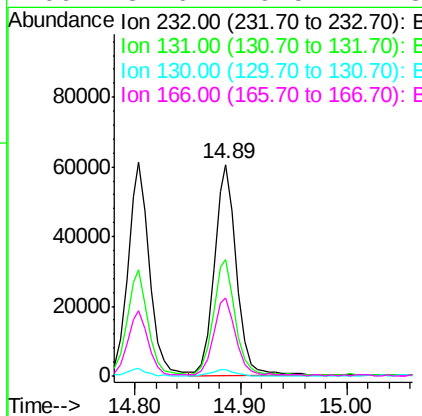
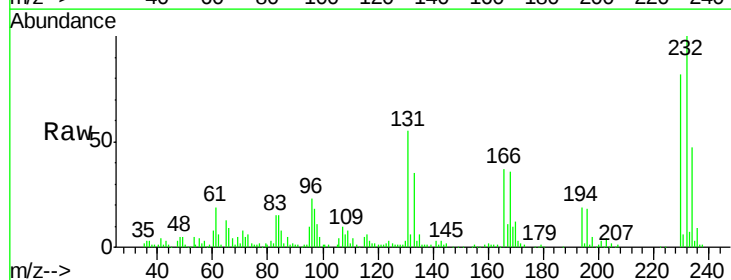
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

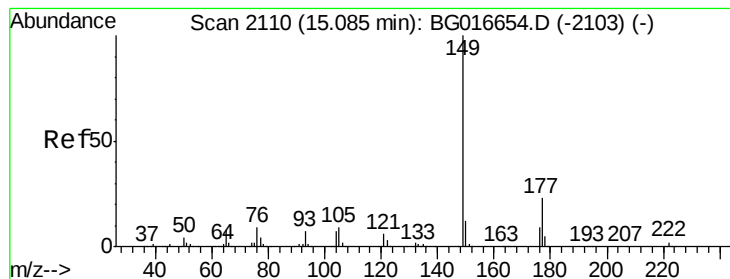
Tot Ion:166 Resp: 452973
 Ion Ratio Lower Upper
 166 100
 165 95.2 75.6 113.4
 167 14.3 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.63 ng
 RT: 14.89 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:232 Resp: 88002
 Ion Ratio Lower Upper
 232 100
 131 55.2 43.9 65.9
 130 3.2 2.4 3.6
 166 37.6 29.5 44.3





#59

Diethylphthalate

Concen: 39.00 ng

RT: 15.08 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

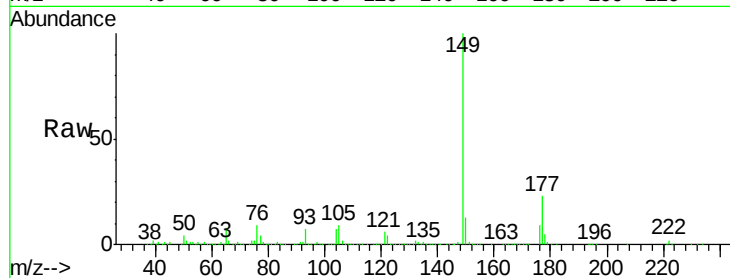
Tot Ion:149 Resp: 439896

Ion Ratio Lower Upper

149 100

177 22.9 18.2 27.2

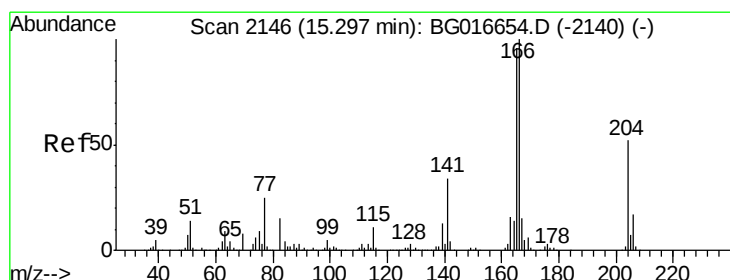
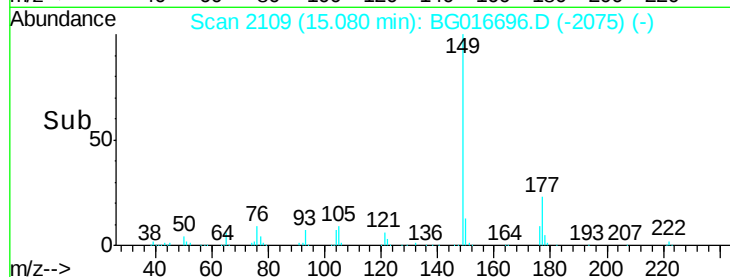
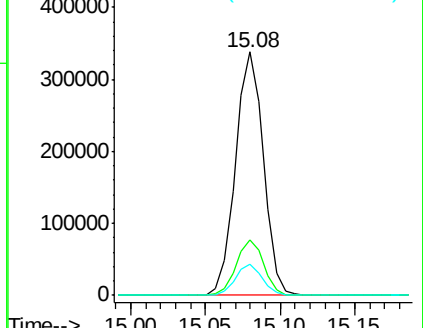
150 12.8 9.8 14.8



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: 39.90 ng

RT: 15.29 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

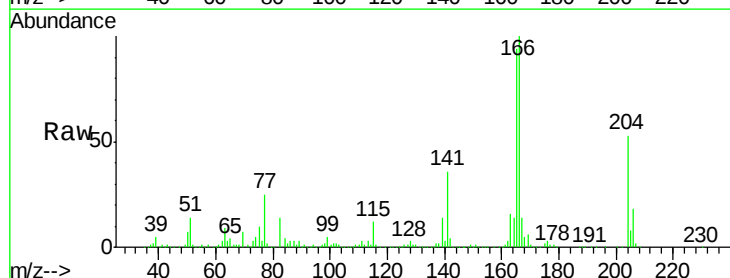
Tgt Ion:204 Resp: 188653

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.4

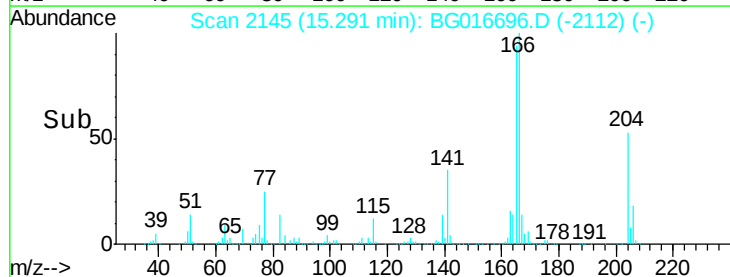
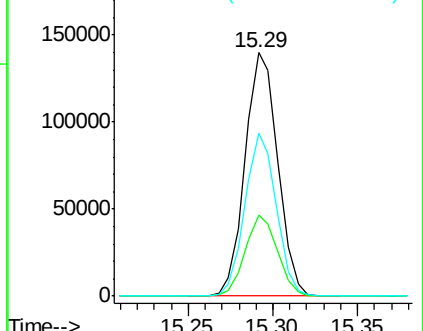
141 67.1 52.3 78.5

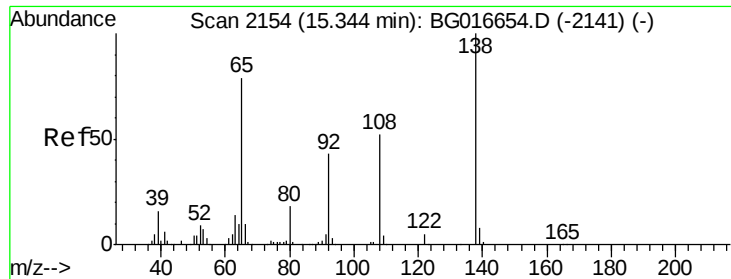


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

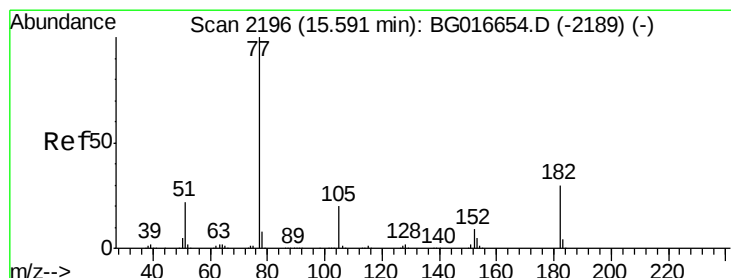
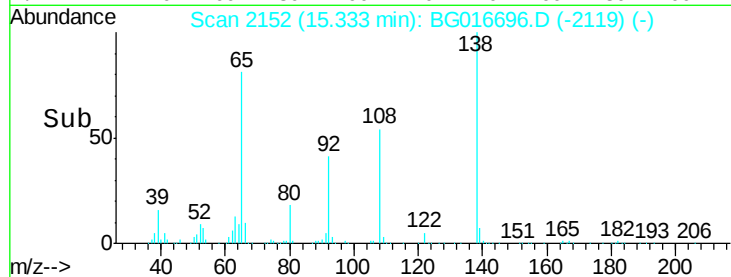
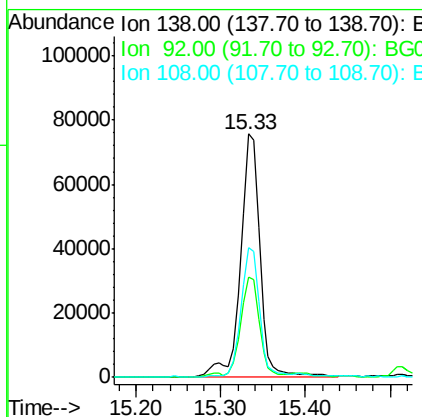
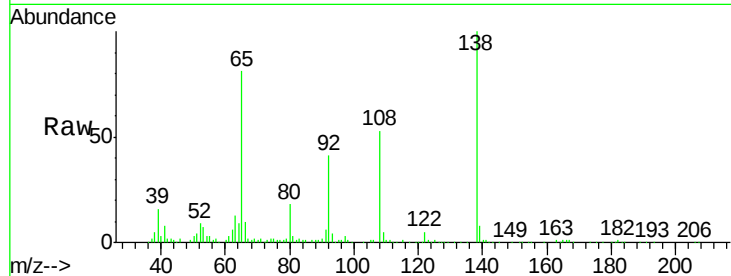




#61
4-Nitroaniline
Concen: 34.10 ng
RT: 15.33 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

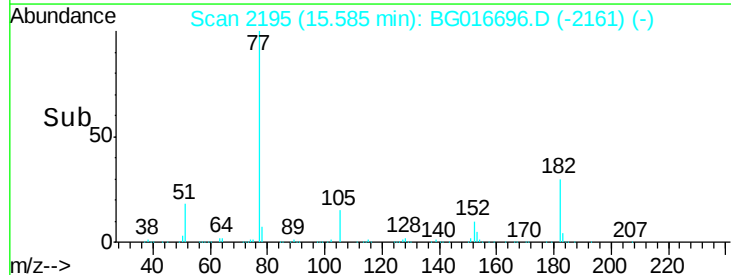
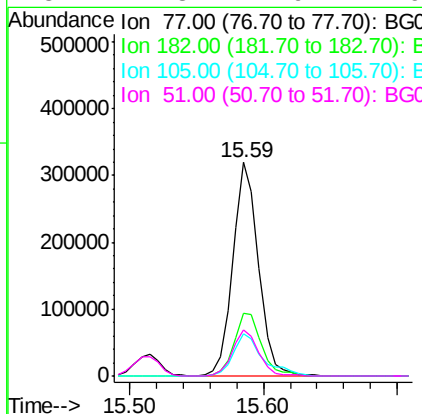
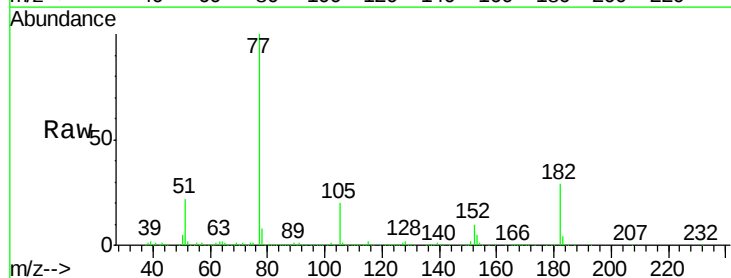
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

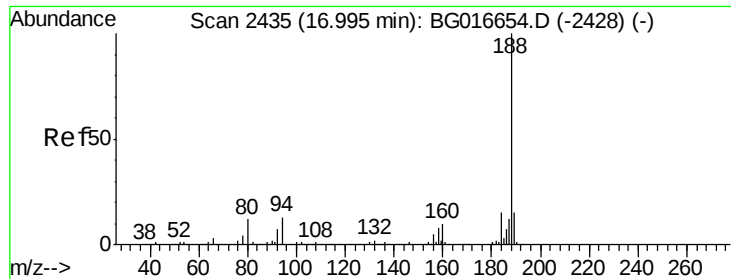
Tot Ion:138 Resp: 121103
Ion Ratio Lower Upper
138 100
92 41.1 23.1 63.1
108 53.3 31.7 71.7



#62
Azobenzene
Concen: 41.10 ng
RT: 15.59 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion: 77 Resp: 423498
Ion Ratio Lower Upper
77 100
182 29.4 9.8 49.8
105 19.7 0.0 39.5
51 21.8 1.9 41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

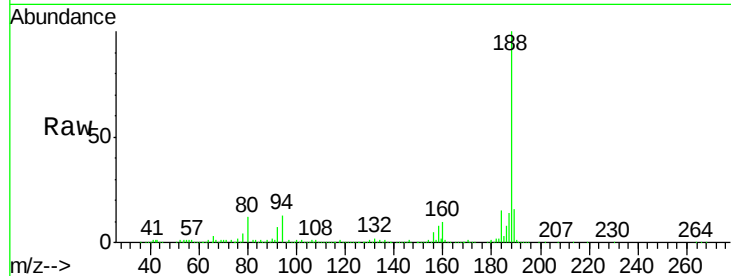
Tot Ion:188 Resp: 284229

Ion Ratio Lower Upper

188 100

94 12.5 10.7 16.1

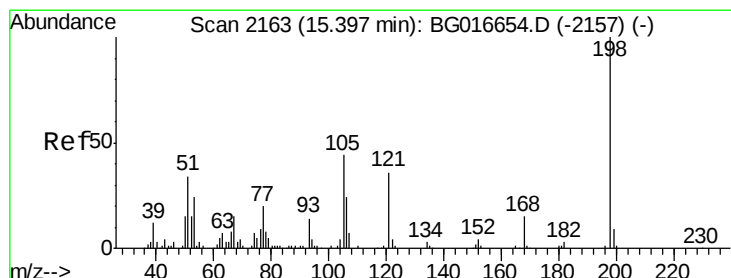
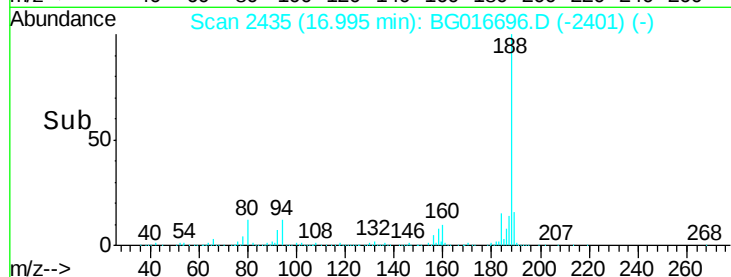
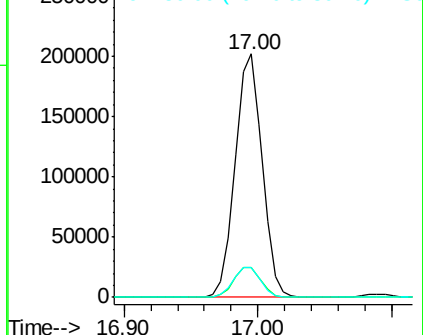
80 12.2 9.9 14.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.51 ng

RT: 15.40 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

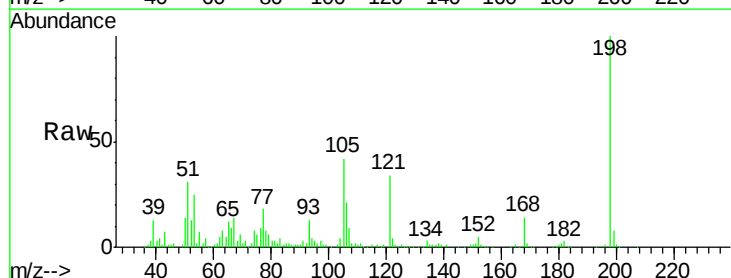
Tgt Ion:198 Resp: 79845

Ion Ratio Lower Upper

198 100

51 30.6 14.9 54.9

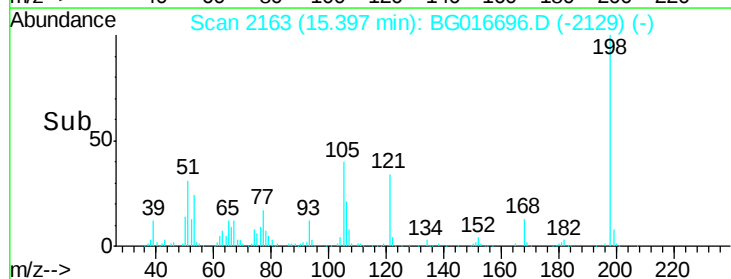
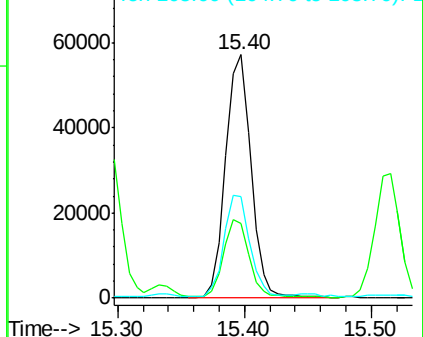
105 41.7 24.6 64.6

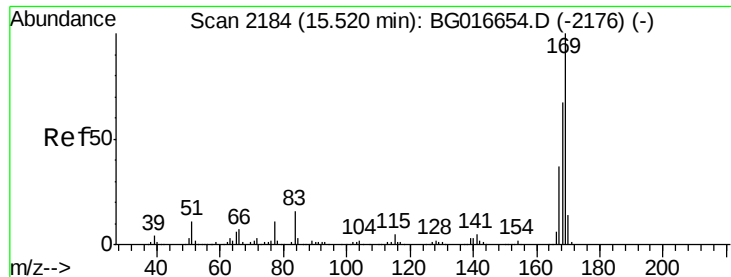


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

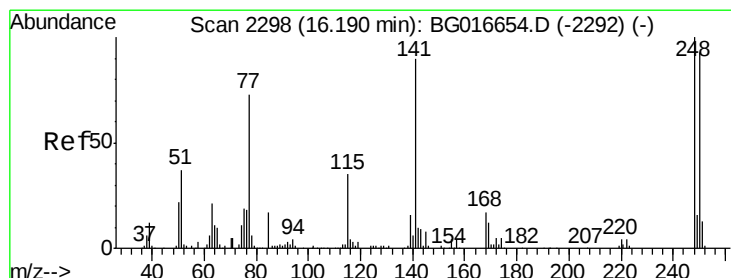
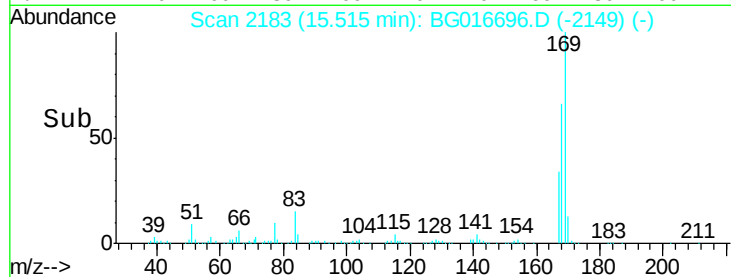
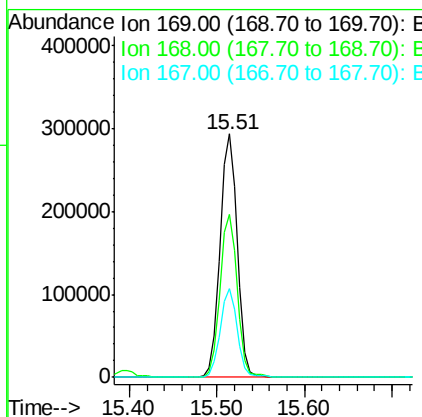
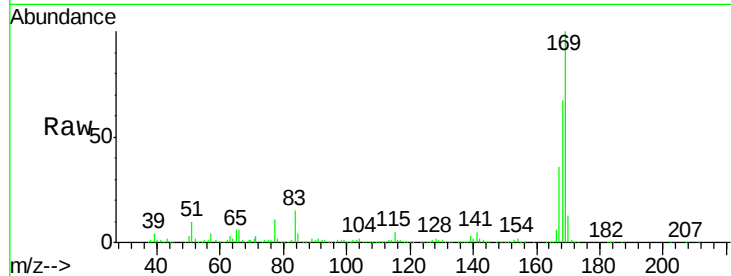




#65
 n-Nitrosodiphenylamine
 Concen: 41.09 ng
 RT: 15.51 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

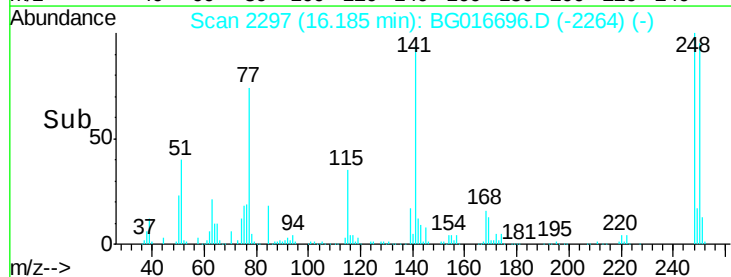
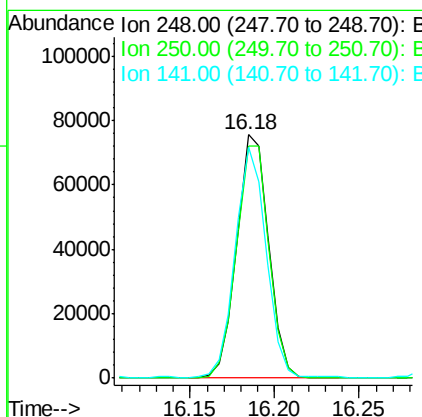
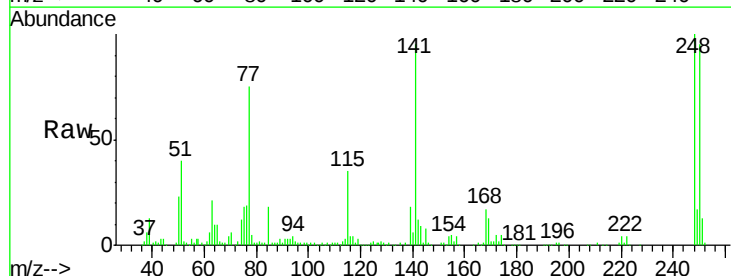
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

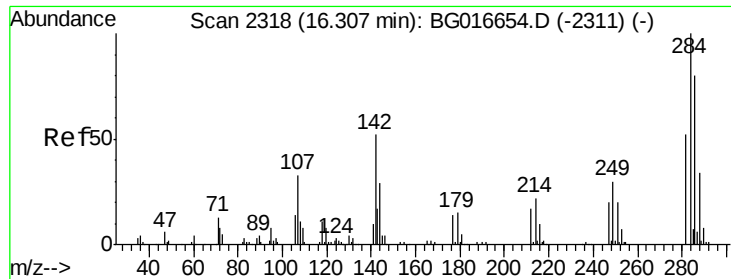
Tot Ion:169 Resp: 400372
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.6 80.4
 167 36.4 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.69 ng
 RT: 16.18 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:248 Resp: 99021
 Ion Ratio Lower Upper
 248 100
 250 95.3 74.8 112.2
 141 95.0 72.0 108.0

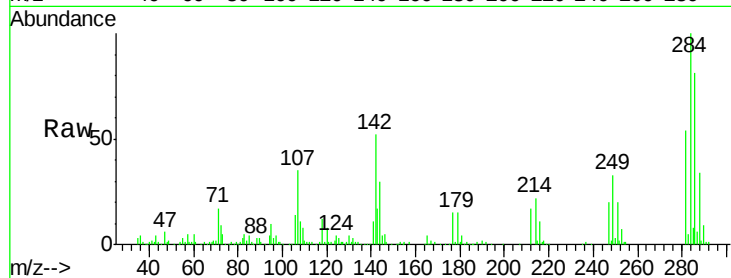




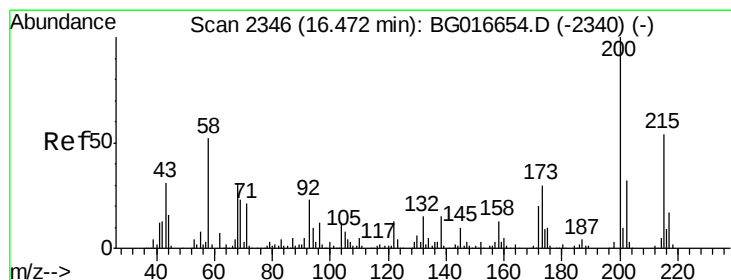
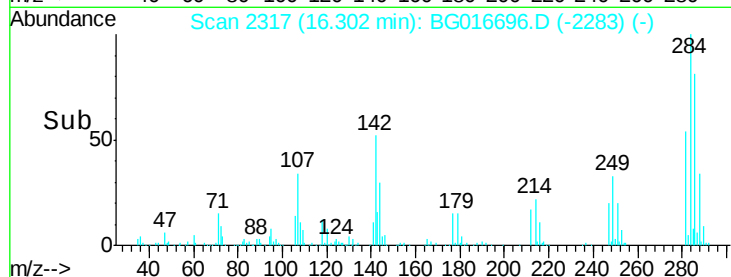
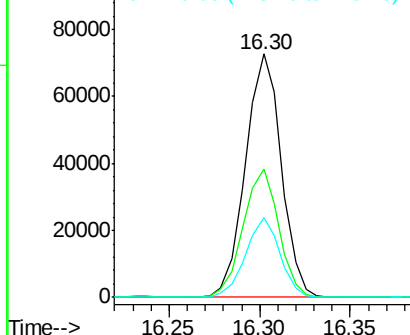
#67
Hexachlorobenzene
Concen: 40.73 ng
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	52.5	41.5	62.3
249	32.8	24.2	36.4

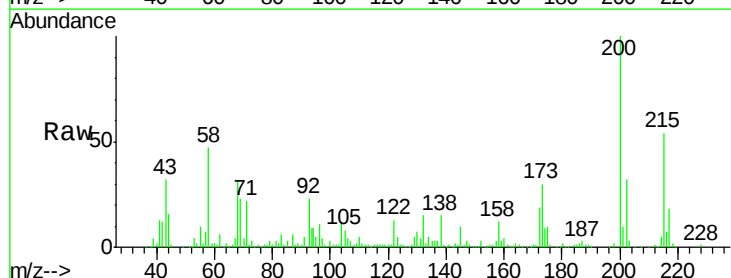


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

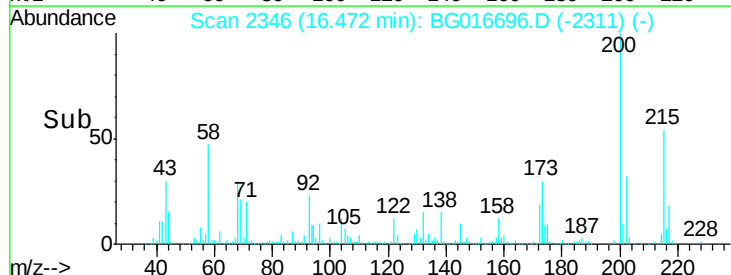
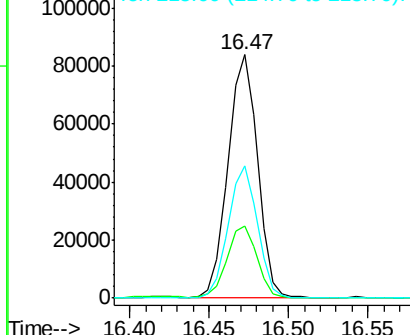


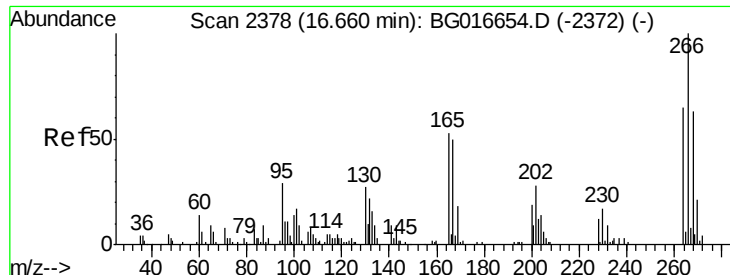
#68
Atrazine
Concen: 41.45 ng
RT: 16.47 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.7	9.8	49.8
215	54.1	33.7	73.7



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

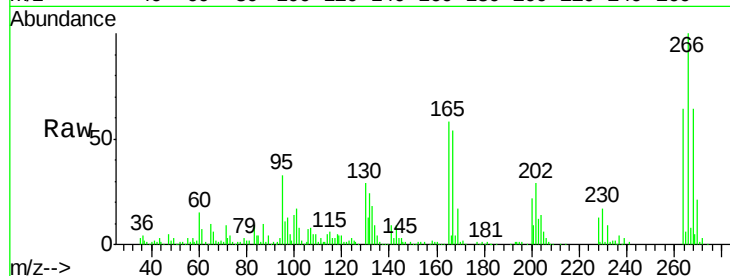




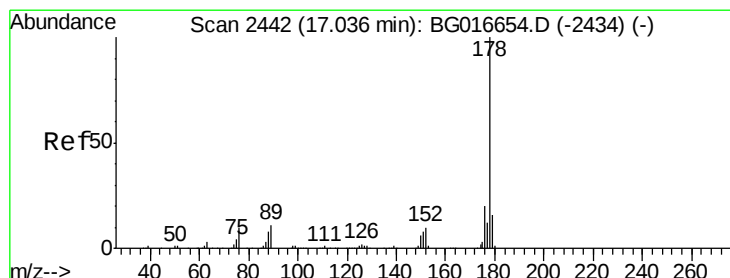
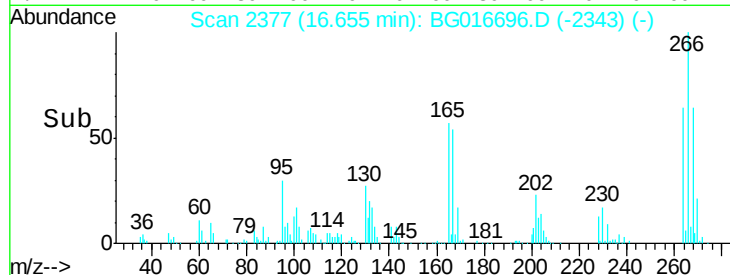
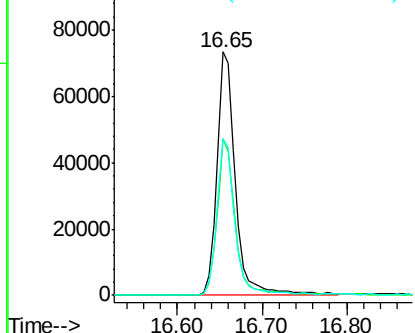
#69
 Pentachlorophenol
 Concen: 96.08 ng
 RT: 16.65 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.6	76.0
264	64.4	51.8	77.6

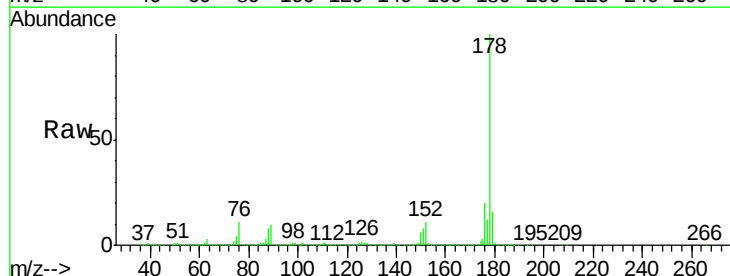


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

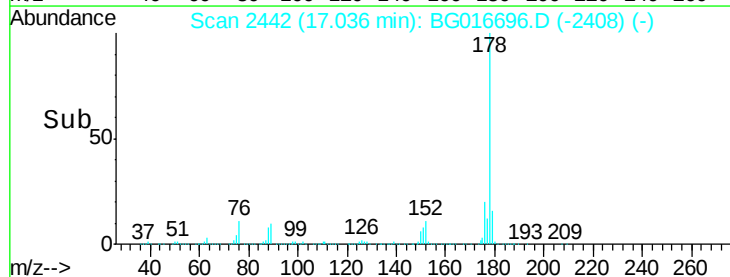
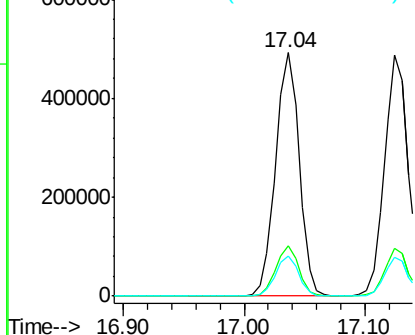


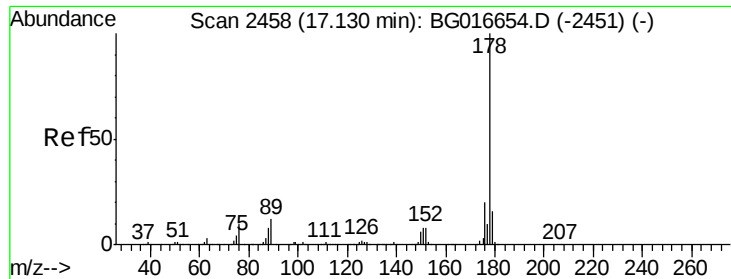
#70
 Phenanthrene
 Concen: 40.44 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.3	12.8	19.2



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

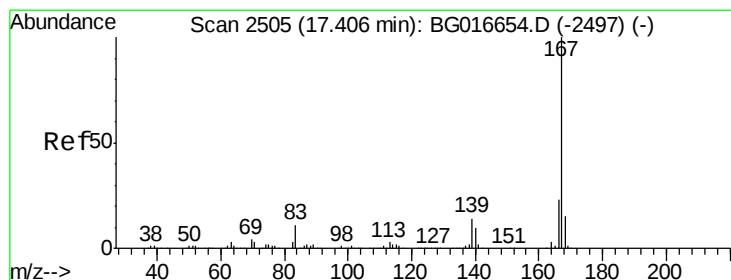
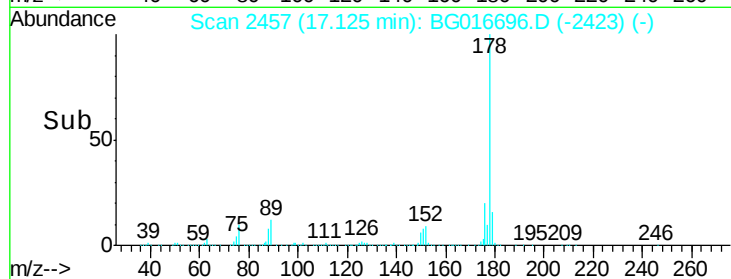
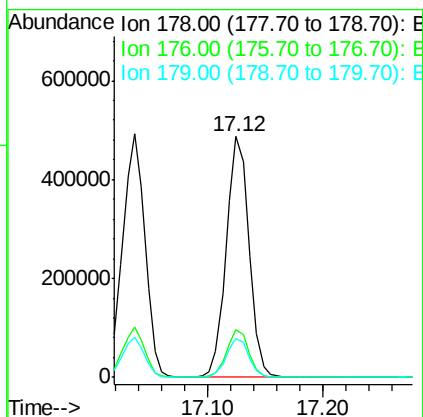
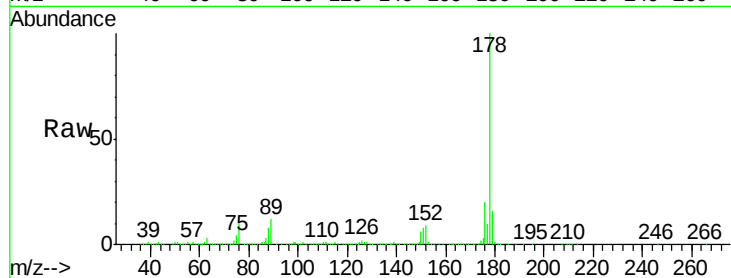




#71
 Anthracene
 Concen: 40.79 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

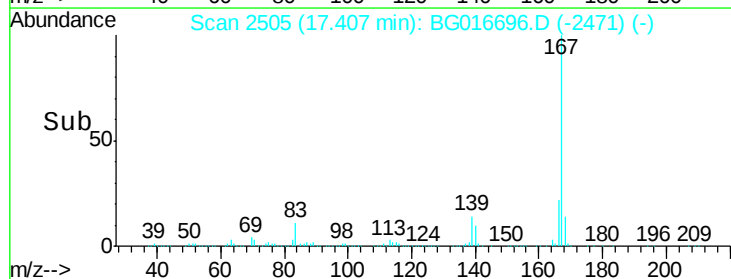
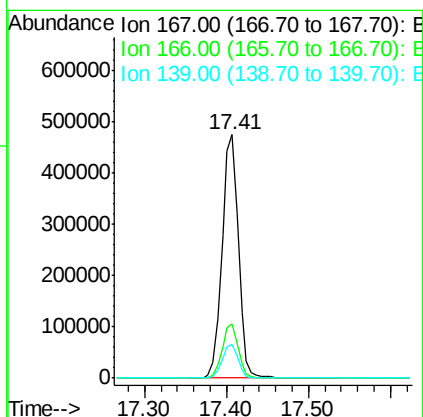
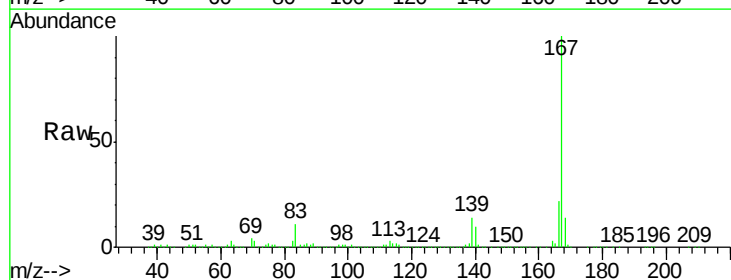
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

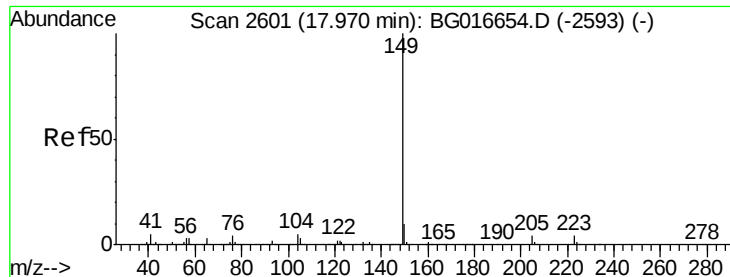
Tot Ion:178 Resp: 662563
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.3 12.9 19.3



#72
 Carbazole
 Concen: 40.62 ng
 RT: 17.41 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:167 Resp: 660906
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.4 27.6
 139 14.0 11.1 16.7





#73

Di-n-butylphthalate

Concen: 41.15 ng

RT: 17.96 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

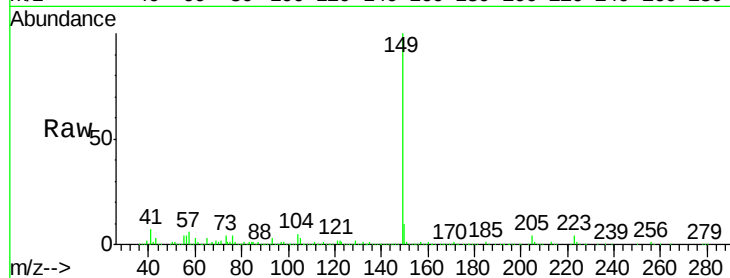
Tot Ion:149 Resp: 797985

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

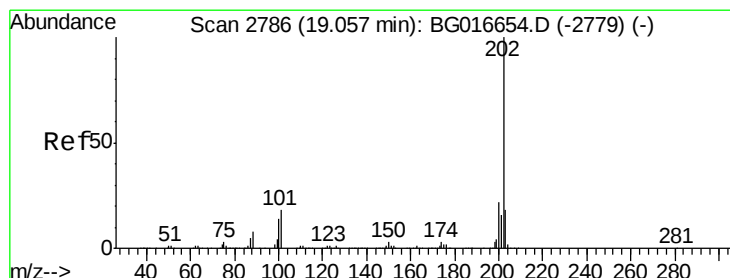
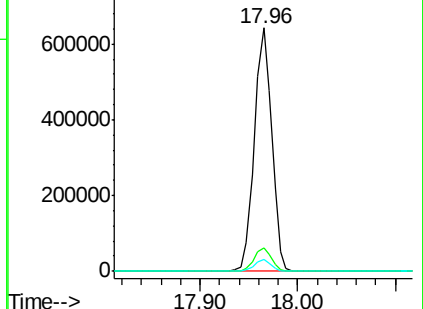
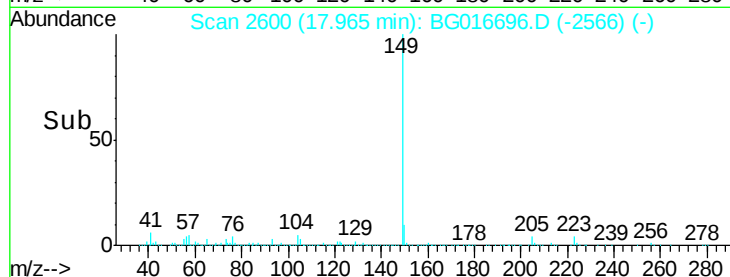
104 4.8 3.6 5.4



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: 37.19 ng

RT: 19.06 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

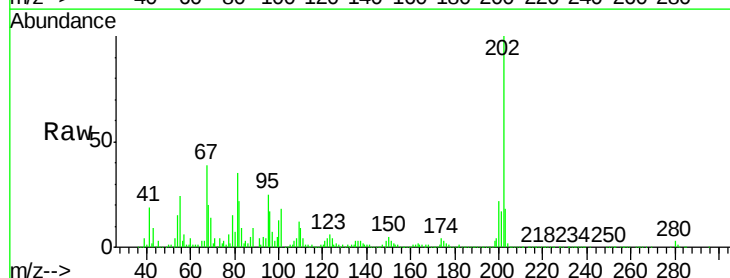
Tgt Ion:202 Resp: 643432

Ion Ratio Lower Upper

202 100

101 18.5 0.0 38.1

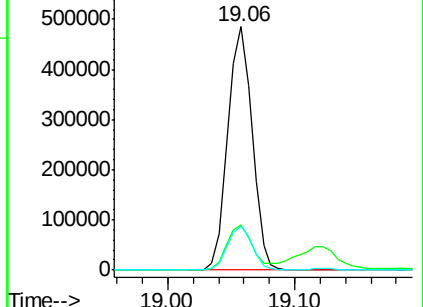
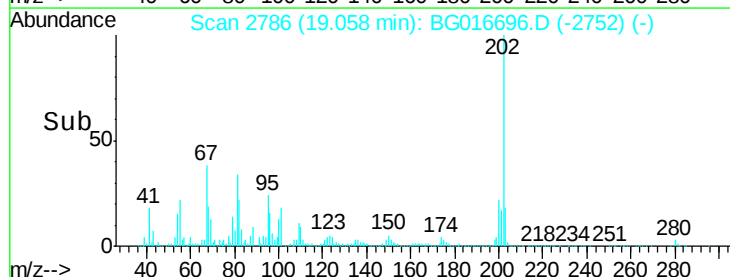
203 18.1 0.0 38.4

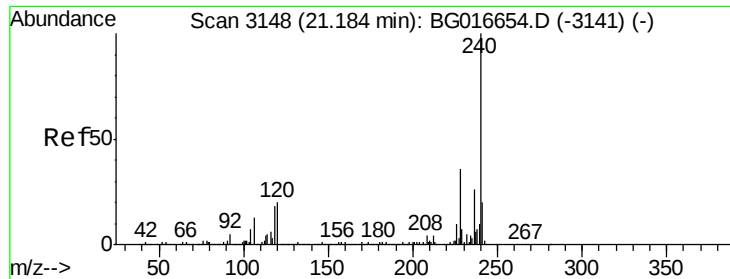


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.18 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

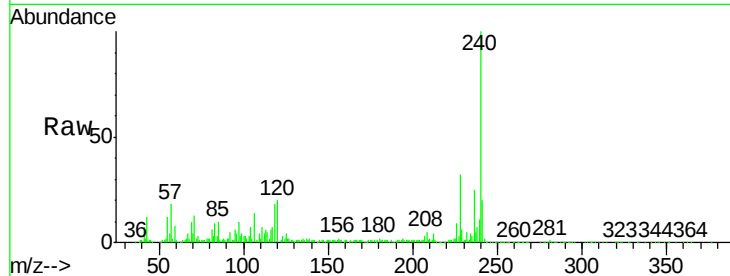
Tot Ion:240 Resp: 240154

Ion Ratio Lower Upper

240 100

120 20.2 16.3 24.5

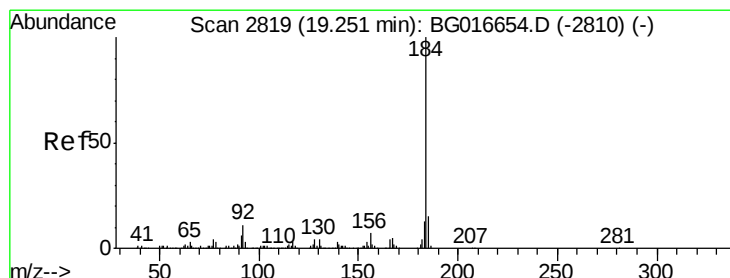
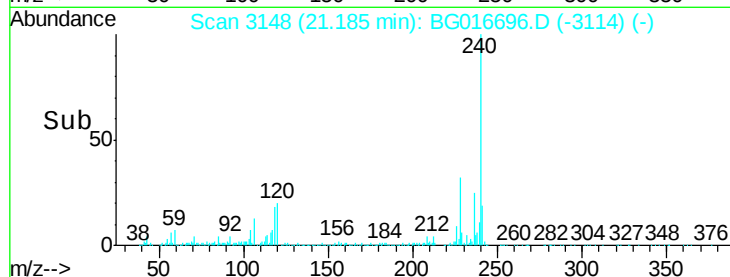
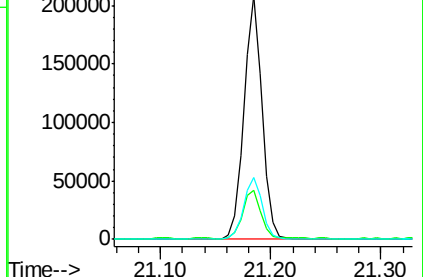
236 25.5 21.1 31.7



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: 3.98 ng

RT: 19.26 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

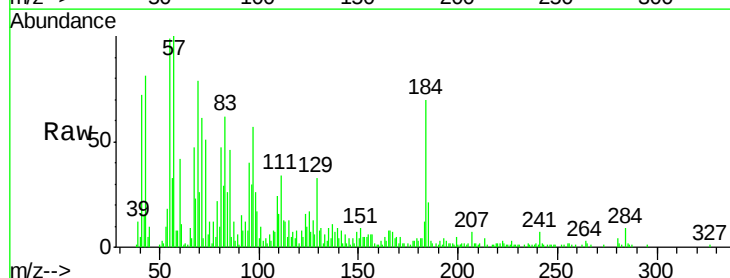
Tgt Ion:184 Resp: 32576

Ion Ratio Lower Upper

184 100

185 29.5 12.3 18.5#

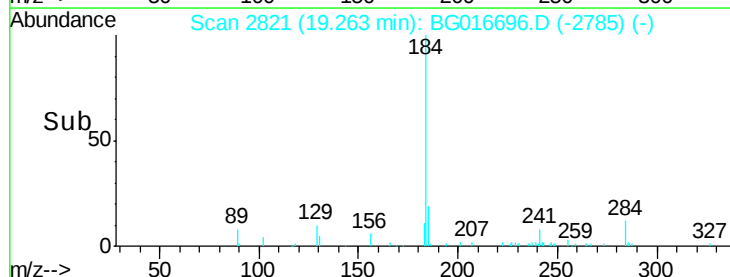
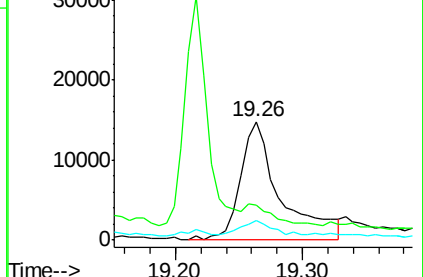
183 16.8 10.1 15.1#

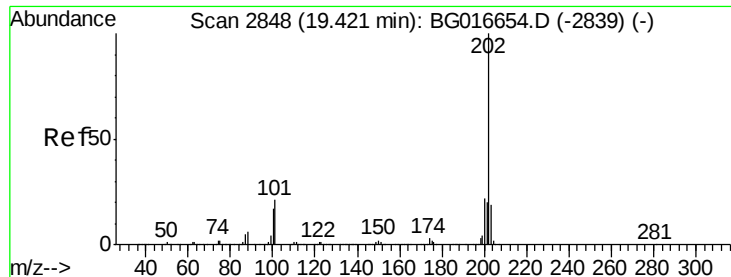


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

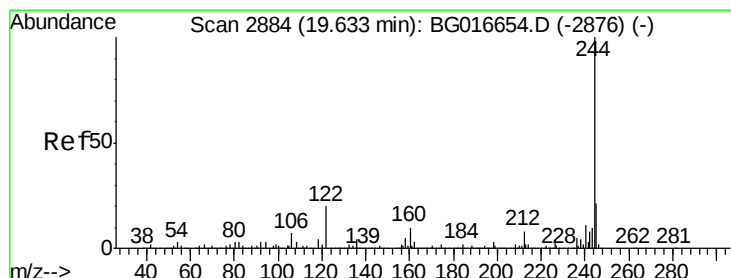
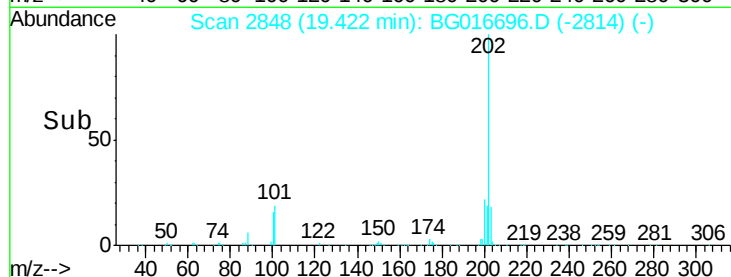
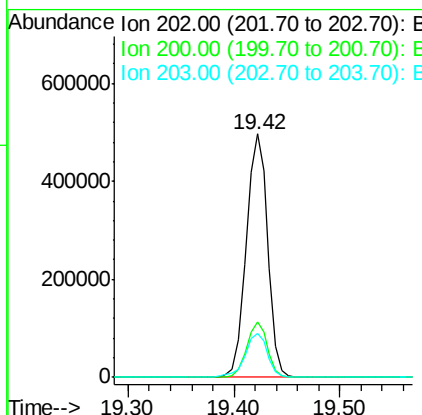
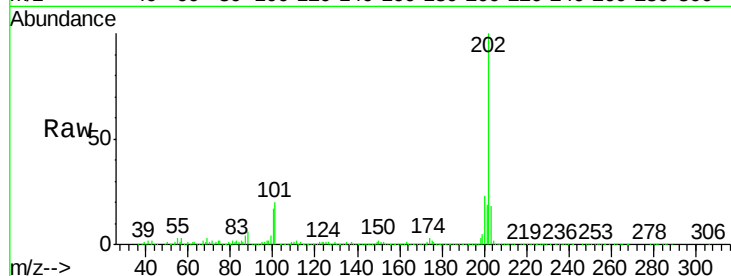




#77
Pvrene
Concen: 41.33 ng
RT: 19.42 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

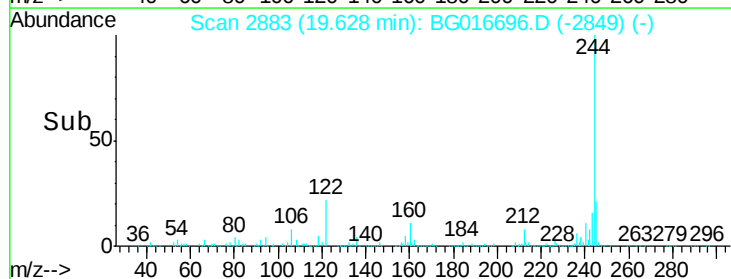
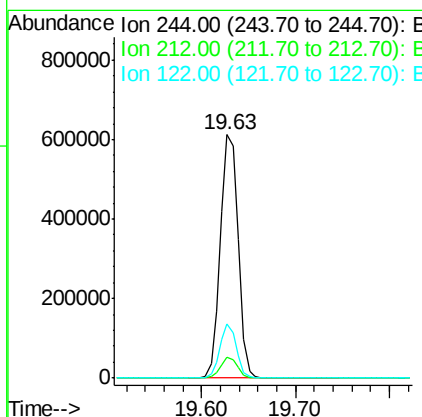
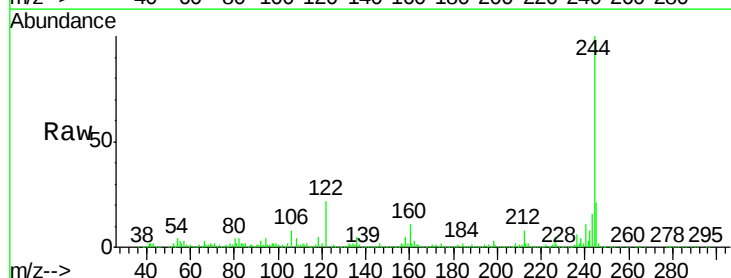
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

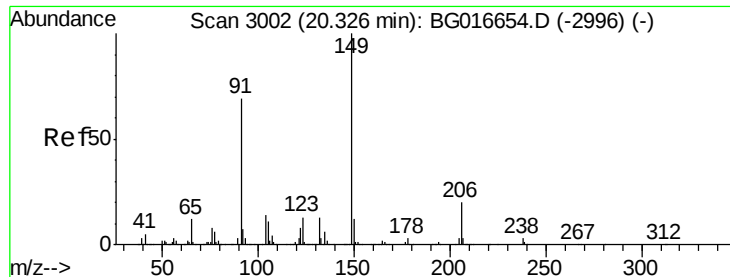
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.0	27.0
203	18.3	14.9	22.3



#78
Terphenyl-d14
Concen: 77.99 ng
RT: 19.63 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.4	9.6
122	22.3	15.9	23.9

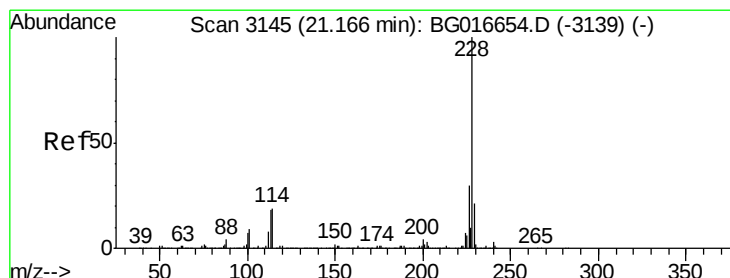
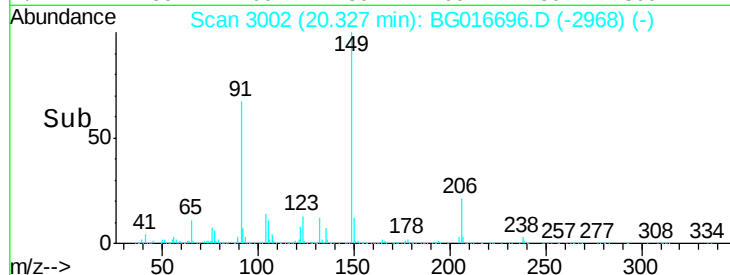
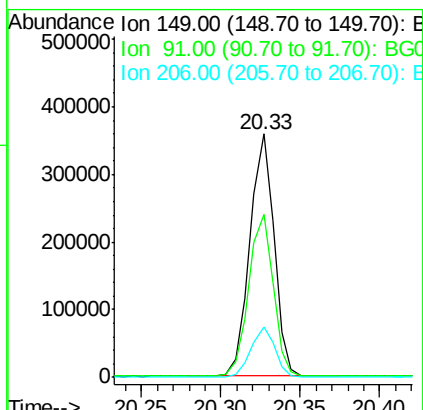
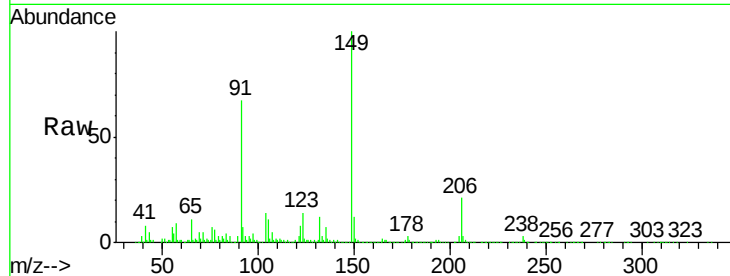




#79
Butylbenzylphthalate
Concen: 45.79 ng
RT: 20.33 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

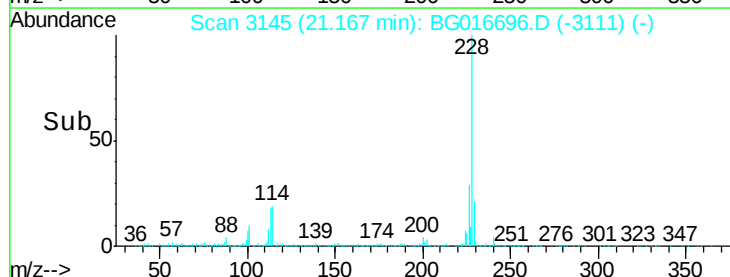
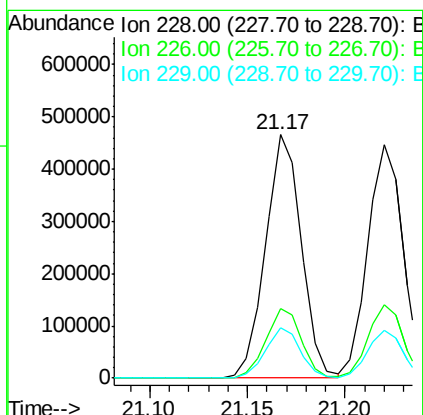
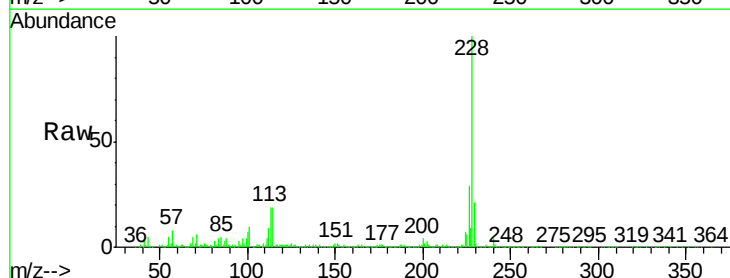
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMSD

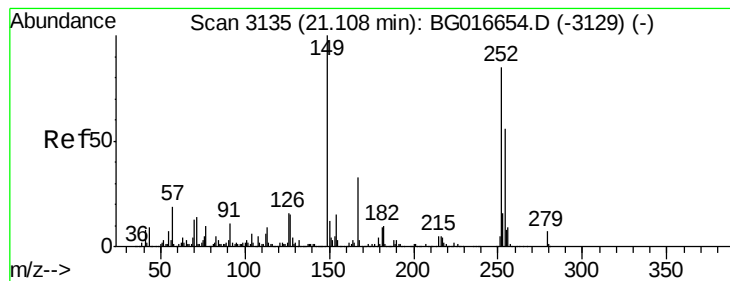
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	55.4	83.0
206	20.9	16.4	24.6



#80
Benzo(a)anthracene
Concen: 40.50 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG016696.D
Acq: 25 Apr 2015 00:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.6
229	20.9	17.0	25.4





#81

3,3'-Dichlorobenzidine

Concen: 20.65 ng

RT: 21.11 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

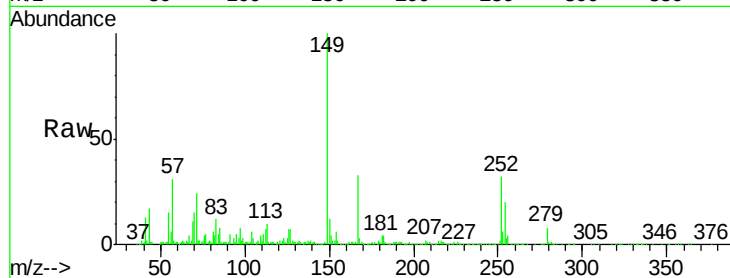
Tot Ion:252 Resp: 98015

Ion Ratio Lower Upper

252 100

254 63.2 52.7 79.1

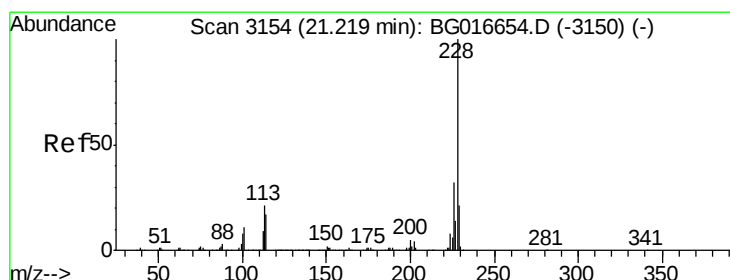
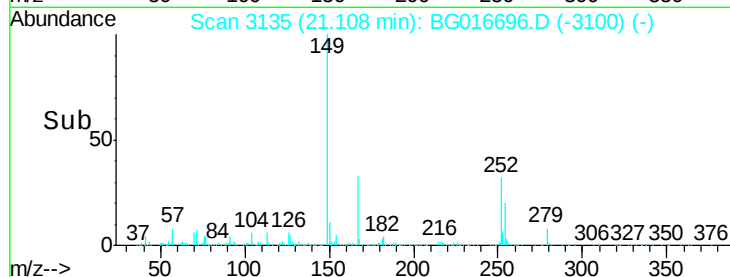
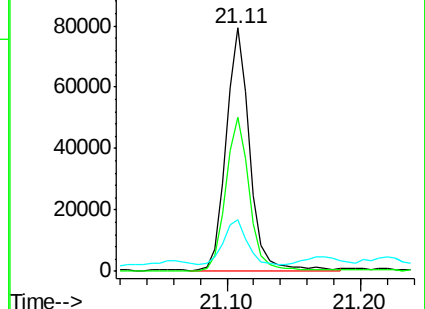
126 21.4 15.3 22.9



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: 39.90 ng

RT: 21.22 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

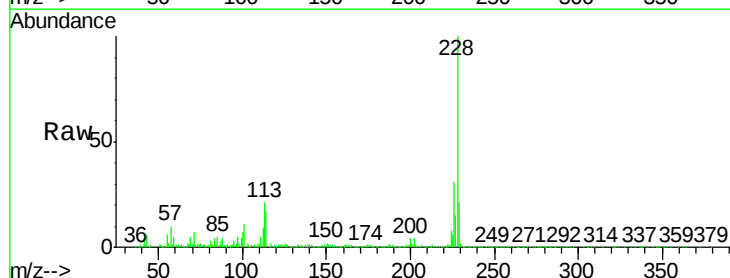
Tgt Ion:228 Resp: 556960

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

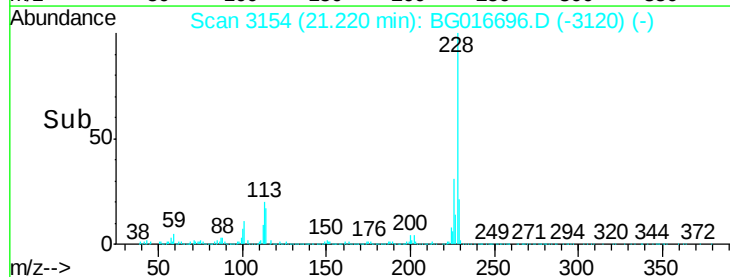
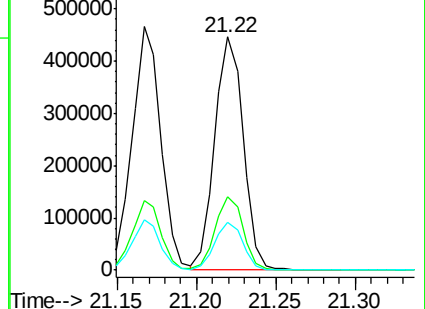
229 20.6 16.5 24.7

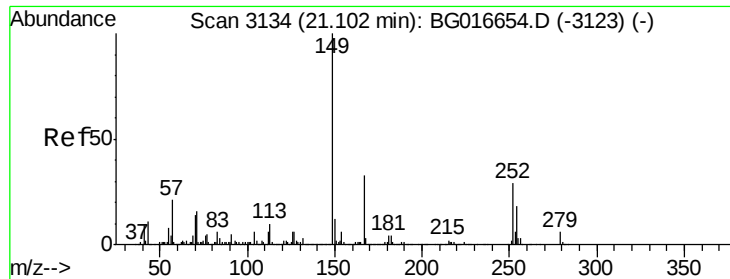


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

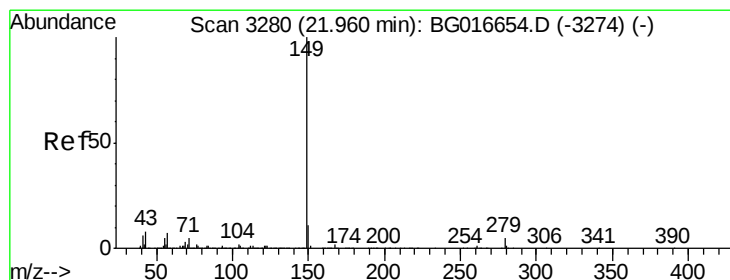
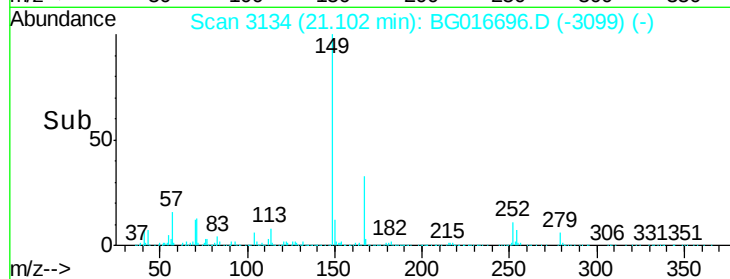
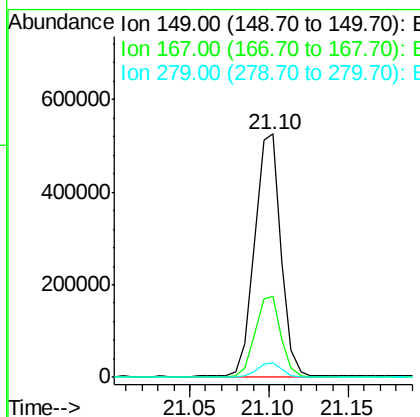
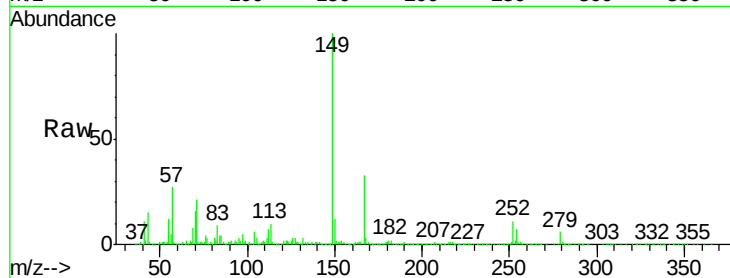




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.37 ng
 RT: 21.10 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

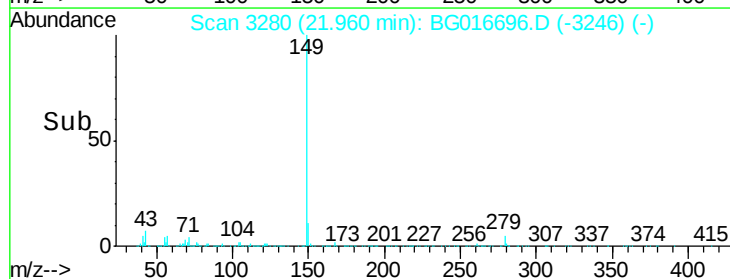
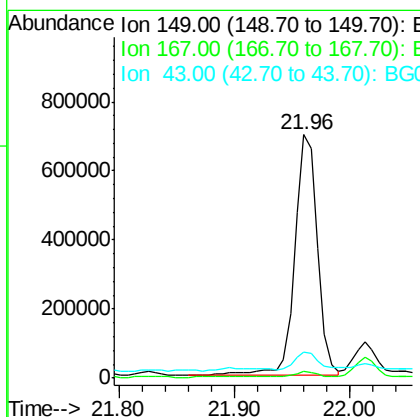
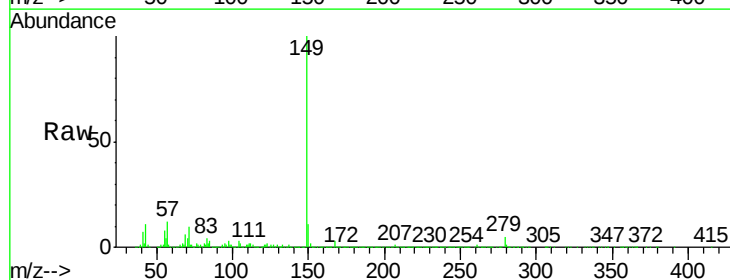
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

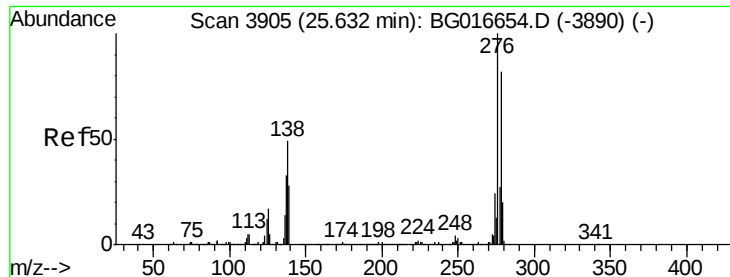
Tot Ion:149 Resp: 602590
 Ion Ratio Lower Upper
 149 100
 167 33.5 26.6 39.8
 279 6.1 5.1 7.7



#84
 Di-n-octyl phthalate
 Concen: 50.42 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:149 Resp: 948170
 Ion Ratio Lower Upper
 149 100
 167 2.1 1.4 2.0#
 43 8.1 5.7 8.5

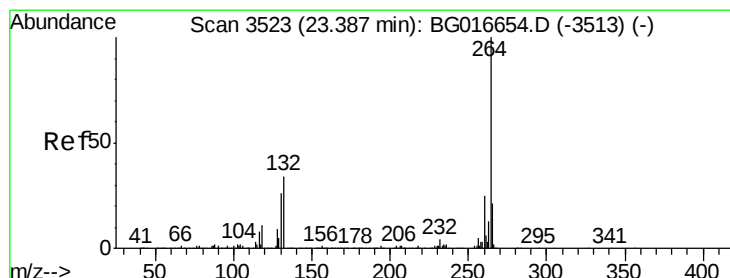
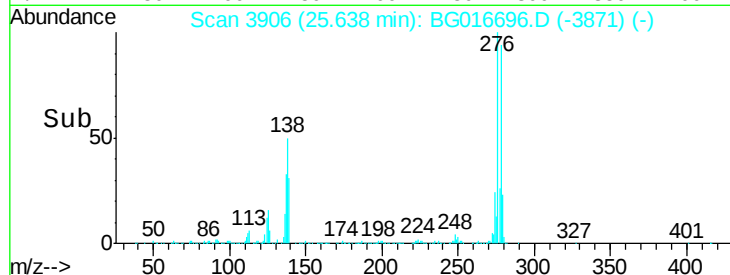
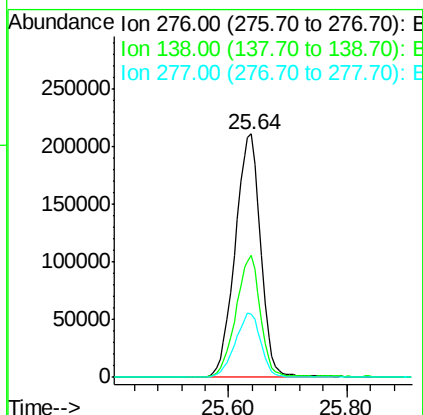
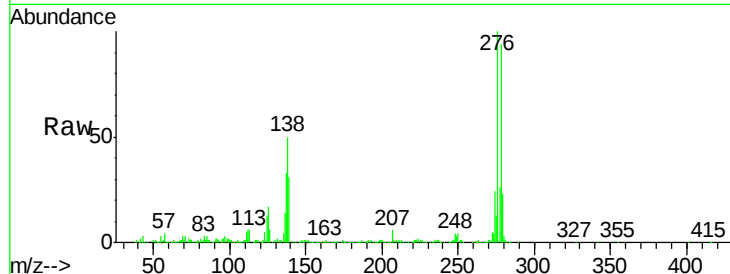




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.82 ng
 RT: 25.64 min Scan# 3906
 Delta R.T. 0.01 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

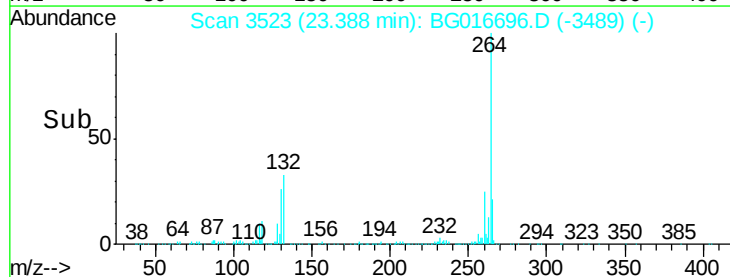
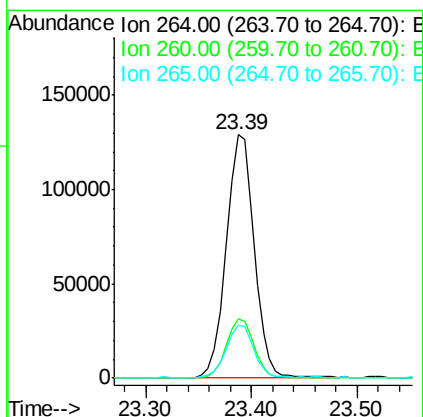
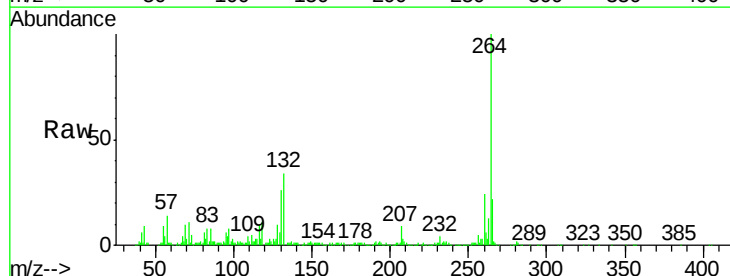
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

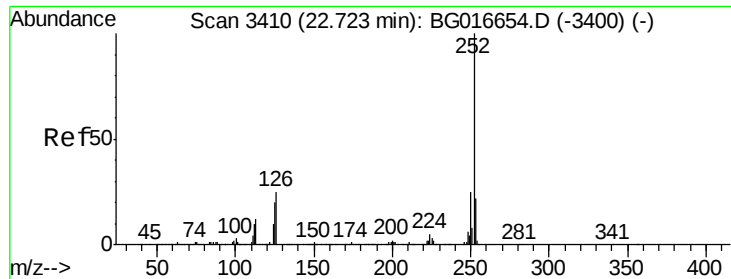
Tot Ion:276 Resp: 636360
 Ion Ratio Lower Upper
 276 100
 138 47.7 38.2 57.2
 277 26.5 21.4 32.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.39 min Scan# 3523
 Delta R.T. 0.00 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Tgt Ion:264 Resp: 233726
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.6 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 39.57 ng

RT: 22.73 min Scan# 3411

Delta R.T. 0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

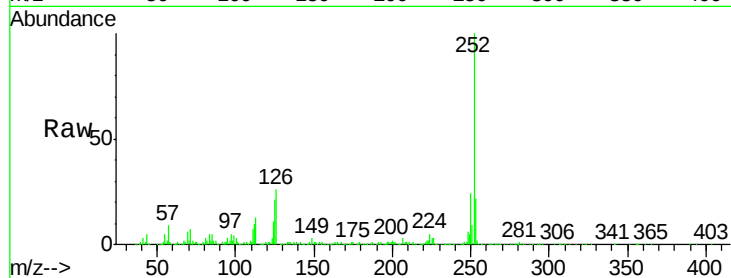
Tot Ion:252 Resp: 561816

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

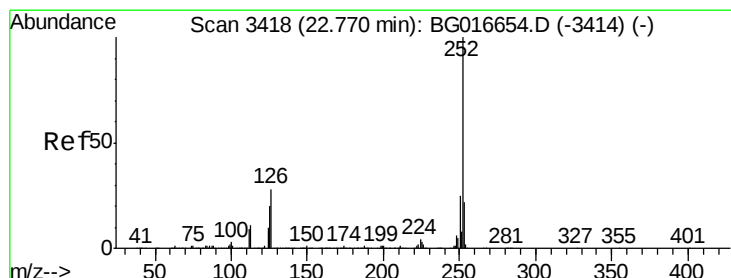
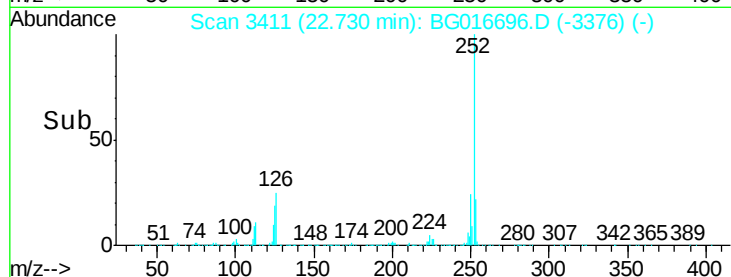
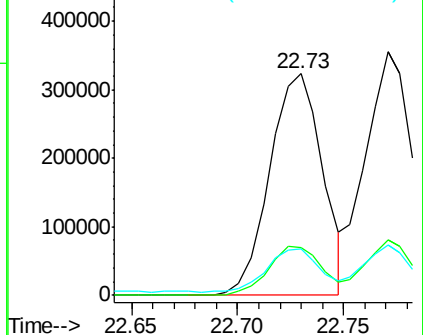
125 20.9 15.8 23.8



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: 39.62 ng

RT: 22.77 min Scan# 3418

Delta R.T. 0.01 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

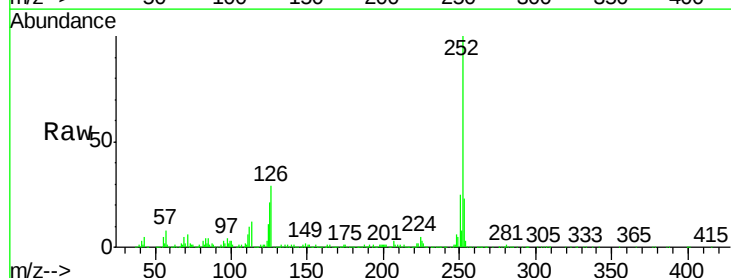
Tgt Ion:252 Resp: 548980

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

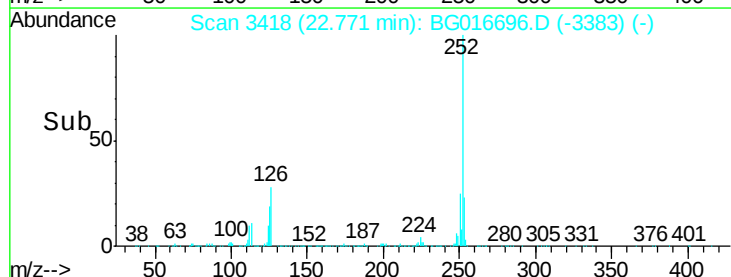
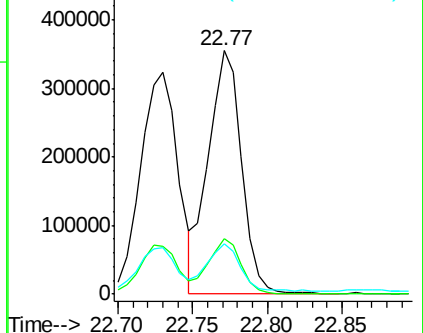
125 20.8 15.5 23.3

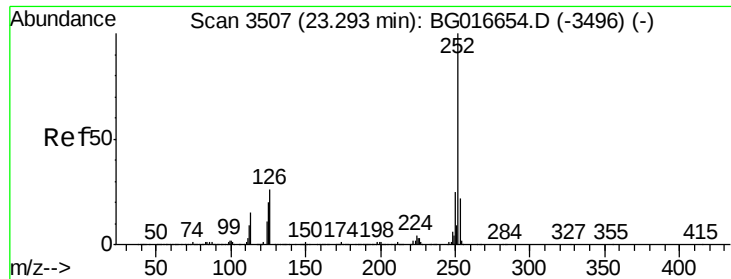


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.98 ng

RT: 23.29 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMSD

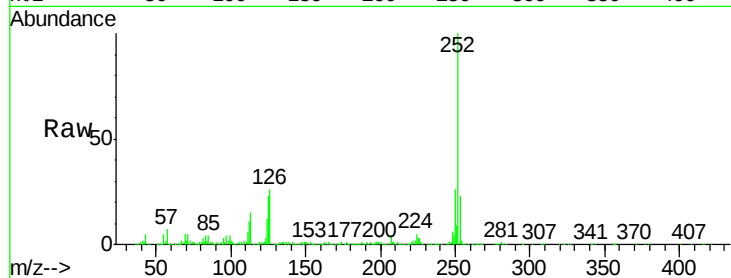
Tot Ion:252 Resp: 548241

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

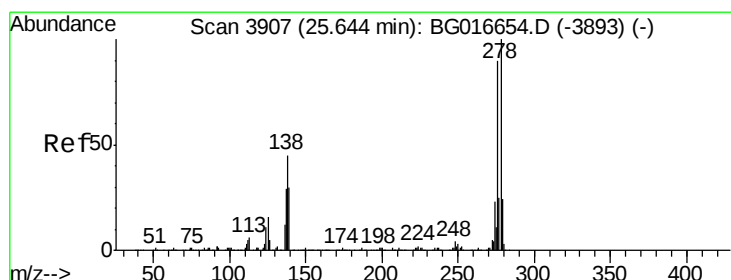
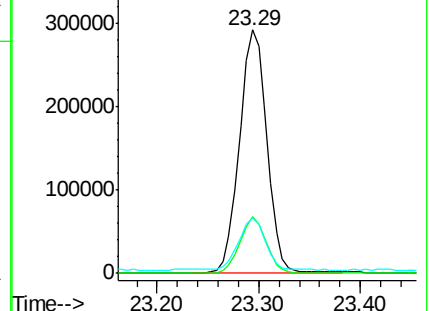
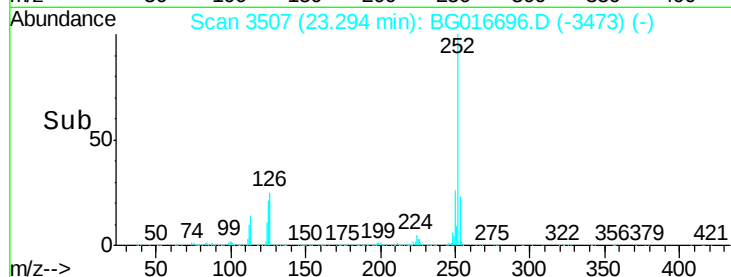
125 22.9 16.3 24.5



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: 40.32 ng

RT: 25.64 min Scan# 3906

Delta R.T. 0.00 min

Lab File: BG016696.D

Acq: 25 Apr 2015 00:04

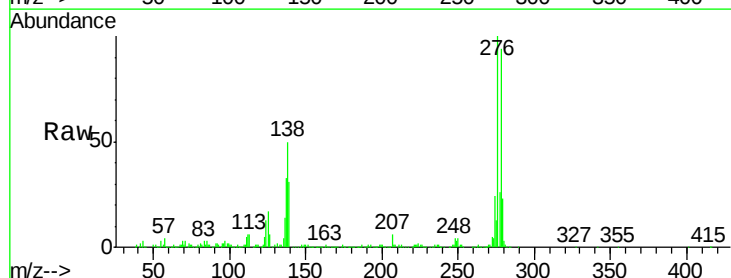
Tgt Ion:278 Resp: 524471

Ion Ratio Lower Upper

278 100

139 33.4 24.2 36.2

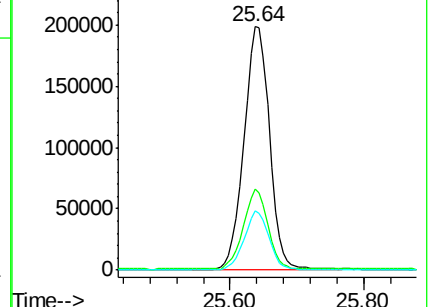
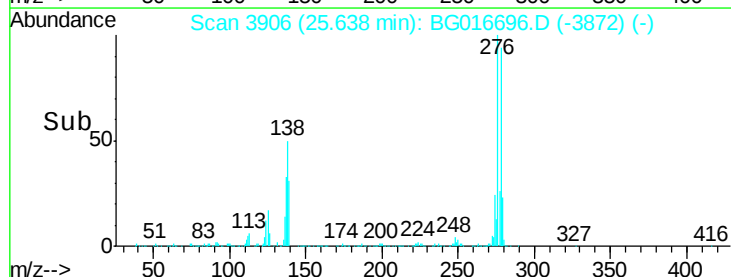
279 24.6 18.9 28.3

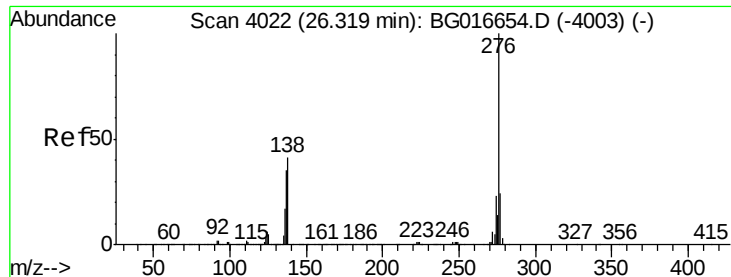


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 40.56 ng
 RT: 26.32 min Scan# 4022
 Delta R.T. 0.01 min
 Lab File: BG016696.D
 Acq: 25 Apr 2015 00:04

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.3	28.9
138	42.2	32.8	49.2

