

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016695.D
 Acq On : 24 Apr 2015 22:13
 Operator : TP/IZ
 Sample : G1979-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Quant Time: Apr 25 02:24:22 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	7.59	152	53819	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	234259	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	134502	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	277090	20.00	ng	0.00
75) Chrysene-d12	21.18	240	243280	20.00	ng	0.00
86) Perylene-d12	23.39	264	235659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	385506	116.24	ng	0.00
7) Phenol-d6	6.79	99	478556	102.85	ng	0.00
23) Nitrobenzene-d5	8.76	82	300716	81.11	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	130208	130.49	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	703170	83.99	ng	0.00
78) Terphenyl-d14	19.63	244	815990	77.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	44414	30.91	ng	# 84
3) Pyridine	3.46	79	115200	28.24	ng	98
4) n-Nitrosodimethylamine	3.37	42	40773	33.88	ng	92
6) Aniline	6.93	93	65412	10.25	ng	98
8) 2-Chlorophenol	7.16	128	164042	40.02	ng	97
9) Benzaldehyde	6.74	77	11609	6.11	ng	# 77
10) Phenol	6.82	94	168737	34.41	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	142745	37.29	ng	98
12) 1,3-Dichlorobenzene	7.48	146	155567	36.70	ng	100
13) 1,4-Dichlorobenzene	7.63	146	160781	37.10	ng	98
14) 1,2-Dichlorobenzene	7.94	146	157056	37.96	ng	97
15) Benzyl Alcohol	7.85	79	114866	39.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.13	45	143732	40.11	ng	100
17) 2-Methylphenol	8.06	107	132485	40.40	ng	97
18) Hexachloroethane	8.66	117	58454	38.26	ng	96
19) n-Nitroso-di-n-propylamine	8.40	70	103215	35.59	ng	98
20) 3+4-Methylphenols	8.39	107	174743	37.90	ng	99
22) Acetophenone	8.42	105	208909	40.63	ng	99
24) Nitrobenzene	8.80	77	150905	38.76	ng	98
25) Isophorone	9.31	82	298801	38.89	ng	100
26) 2-Nitrophenol	9.50	139	90597	40.10	ng	98
27) 2,4-Dimethylphenol	9.58	122	161940	42.93	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	182880	39.45	ng	98
29) 2,4-Dichlorophenol	10.04	162	142805	44.53	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	135586	39.90	ng	97
31) Naphthalene	10.43	128	495537	40.12	ng	99
32) Benzoic acid	9.74	122	84892	42.71	ng	97
33) 4-Chloroaniline	10.55	127	30656	5.39	ng	99
34) Hexachlorobutadiene	10.71	225	62023	40.86	ng	94
35) Caprolactam	11.40	113	73257m	42.38	ng	
36) 4-Chloro-3-methylphenol	11.70	107	160196	42.96	ng	98
37) 2-Methylnaphthalene	12.05	142	363316	40.73	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	128074	39.97	ng	99
40) Hexachlorocyclopentadiene	12.40	237	98117	79.09	ng	99

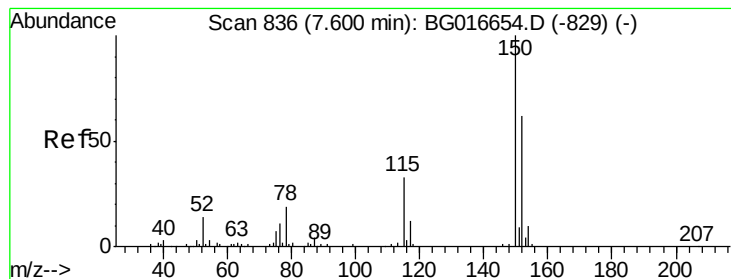
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	102546	43.80	nq	98
43) 2,4,5-Trichlorophenol	12.76	196	112594	45.44	nq	98
45) 1,1'-Biphenyl	13.07	154	435457	41.22	nq	99
46) 2-Chloronaphthalene	13.12	162	325231	40.05	nq	99
47) 2-Nitroaniline	13.33	65	88146	39.80	nq	99
48) Acenaphthylene	13.97	152	559990	39.38	nq	99
49) Dimethylphthalate	13.72	163	405813	40.33	nq	98
50) 2,6-Dinitrotoluene	13.84	165	97136	39.34	nq	97
51) Acenaphthene	14.31	154	338817	39.69	nq	99
52) 3-Nitroaniline	14.17	138	54515	18.27	nq	96
53) 2,4-Dinitrophenol	14.38	184	107975	80.39	nq	99
54) Dibenzofuran	14.65	168	493704	41.01	nq	98
55) 4-Nitrophenol	14.51	139	171557	76.72	nq	97
56) 2,4-Dinitrotoluene	14.63	165	134935	39.90	nq	100
57) Fluorene	15.30	166	429347	40.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.88	232	82721	44.12	nq	98
59) Diethylphthalate	15.08	149	416298	39.70	nq	100
60) 4-Chlorophenyl-phenylether	15.30	204	175882	40.02	nq	100
61) 4-Nitroaniline	15.34	138	117919	35.72	nq	99
62) Azobenzene	15.58	77	403312	42.11	nq	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	74381	39.67	nq	92
65) n-Nitrosodiphenylamine	15.51	169	381987	40.21	nq	99
66) 4-Bromophenyl-phenylether	16.19	248	94948	41.01	nq	98
67) Hexachlorobenzene	16.30	284	94632	39.74	nq	97
68) Atrazine	16.47	200	109295	42.86	nq	98
69) Pentachlorophenol	16.65	266	111042	96.03	nq	97
70) Phenanthrene	17.03	178	638453	40.11	nq	98
71) Anthracene	17.12	178	646763	40.85	nq	100
72) Carbazole	17.40	167	663891	41.85	nq	99
73) Di-n-butylphthalate	17.96	149	801419	42.39	nq	99
74) Fluoranthene	19.06	202	639217	37.90	nq	99
76) Benzidine	19.26	184	91713	11.07	nq	# 88
77) Pyrene	19.42	202	693731	40.59	nq	100
79) Butylbenzylphthalate	20.32	149	387925	46.14	nq	99
80) Benzo(a)anthracene	21.17	228	598652	40.58	nq	99
81) 3,3'-Dichlorobenzidine	21.11	252	86917	18.08	nq	98
82) Chrysene	21.22	228	566172	40.03	nq	100
83) Bis(2-ethylhexyl)phthalate	21.09	149	615000	53.77	nq	99
84) Di-n-octyl phthalate	21.96	149	970939	50.96	nq	# 96
85) Indeno(1,2,3-cd)pyrene	25.63	276	644664	41.82	nq	100
87) Benzo(b)fluoranthene	22.73	252	572213	39.97	nq	100
88) Benzo(k)fluoranthene	22.77	252	559146	40.03	nq	98
89) Benzo(a)pyrene	23.29	252	555644	41.19	nq	97
90) Dibenzo(a,h)anthracene	25.64	278	529945	40.40	nq	97
91) Benzo(g,h,i)perylene	26.31	276	545745	40.89	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

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BNA_G

ClientSampleId :

SOIL-PITMS

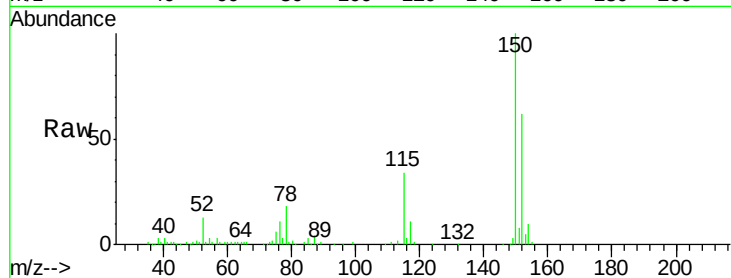
Tot Ion:152 Resp: 53819

Ion Ratio Lower Upper

152 100

150 160.9 129.6 194.4

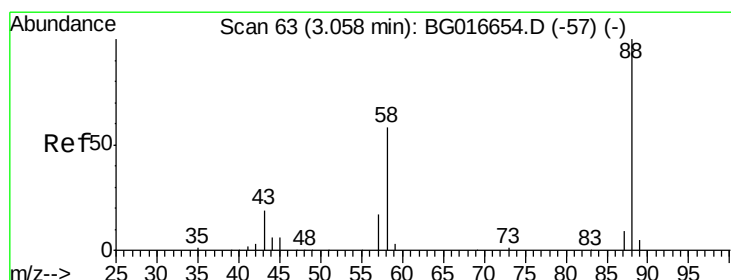
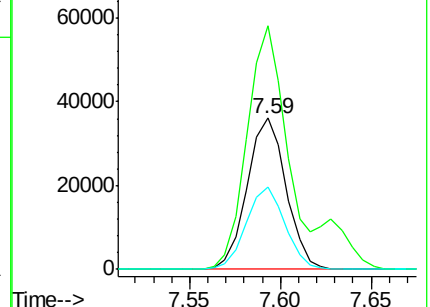
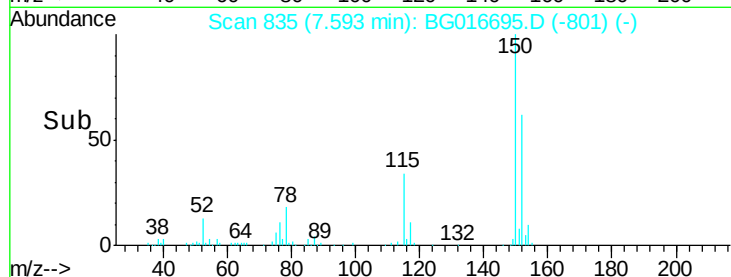
115 54.5 43.0 64.6



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: 30.91 ng

RT: 3.06 min Scan# 63

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

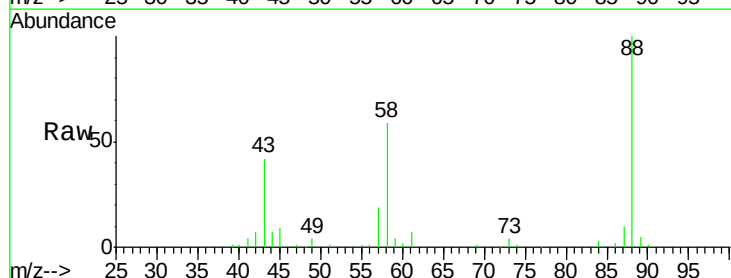
Tgt Ion: 88 Resp: 44414

Ion Ratio Lower Upper

88 100

58 57.2 46.8 70.2

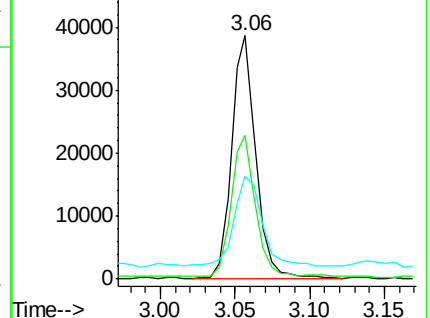
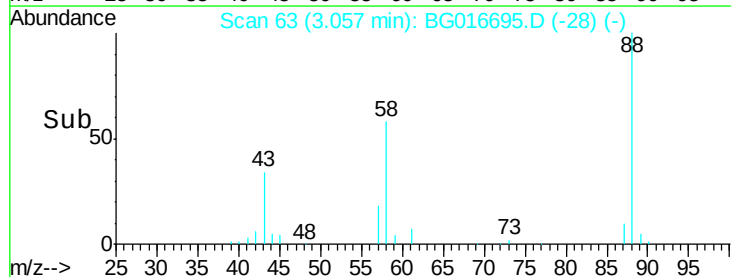
43 46.2 15.8 23.8#

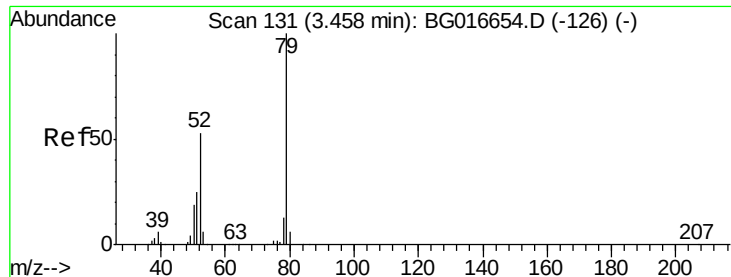


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.24 ng

RT: 3.46 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

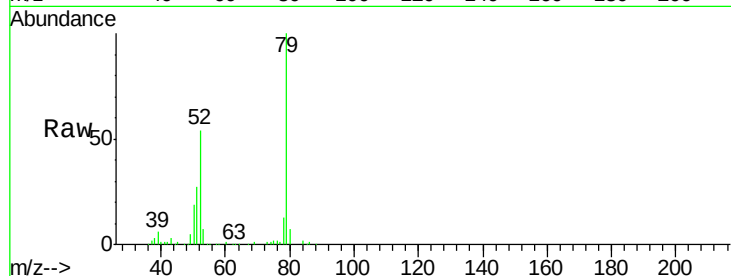
Tot Ion: 79 Resp: 115200

Ion Ratio Lower Upper

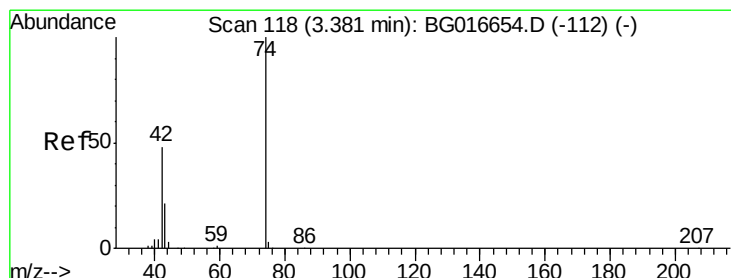
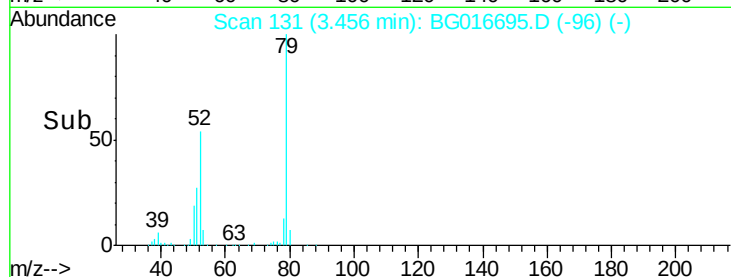
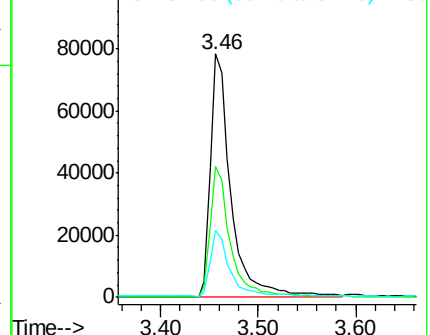
79 100

52 54.0 42.7 64.1

51 27.5 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: 33.88 ng

RT: 3.37 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

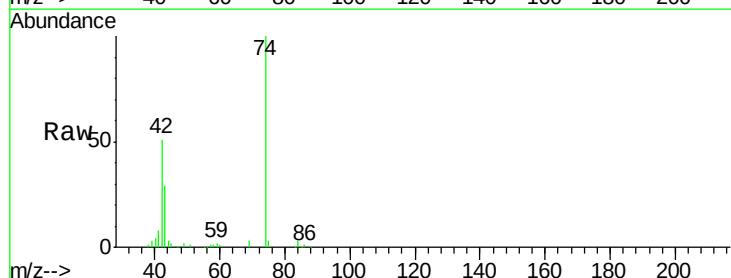
Tgt Ion: 42 Resp: 40773

Ion Ratio Lower Upper

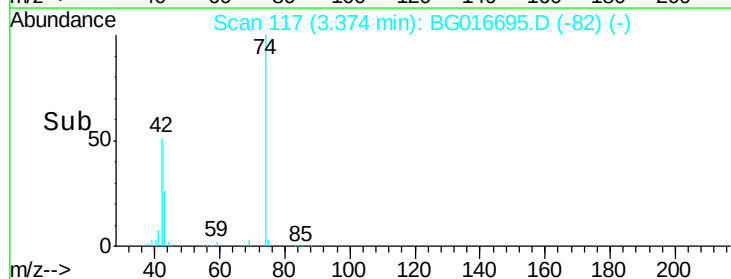
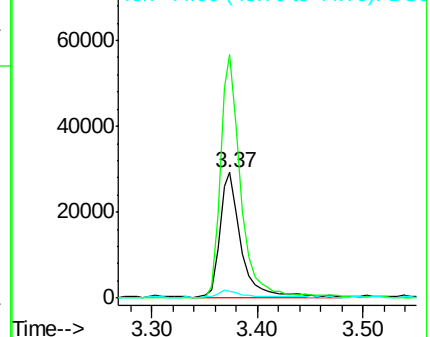
42 100

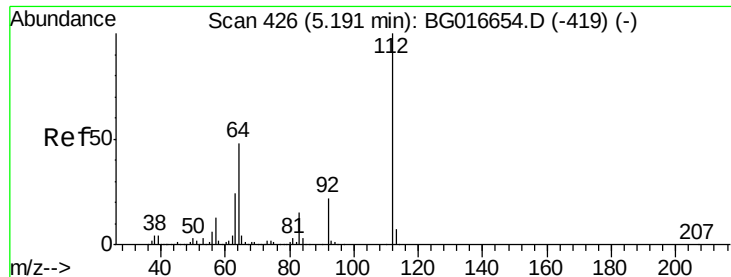
74 194.3 165.6 248.4

44 5.3 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: 116.24 ng

RT: 5.18 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

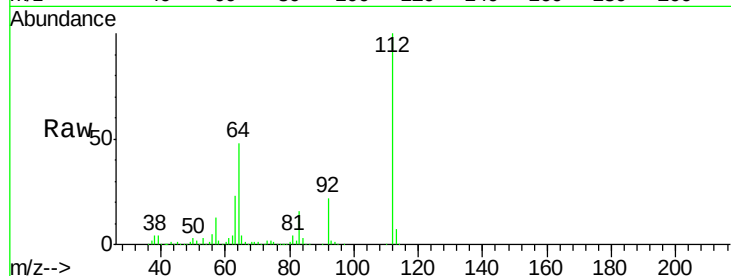
Tot Ion:112 Resp: 385506

Ion Ratio Lower Upper

112 100

64 48.4 38.3 57.5

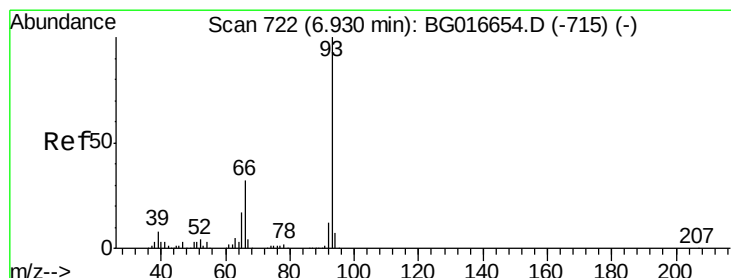
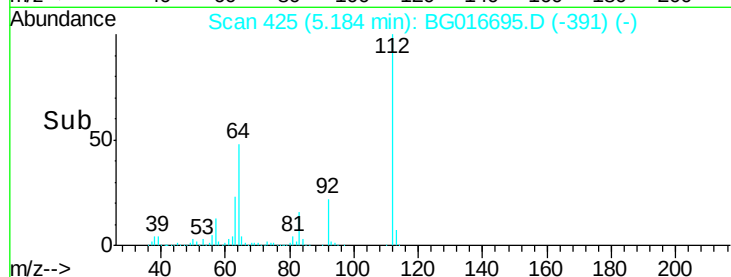
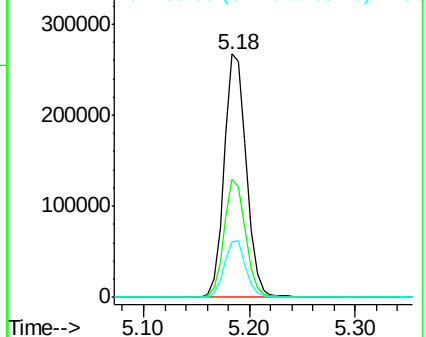
63 23.0 18.9 28.3



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: 10.25 ng

RT: 6.93 min Scan# 722

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

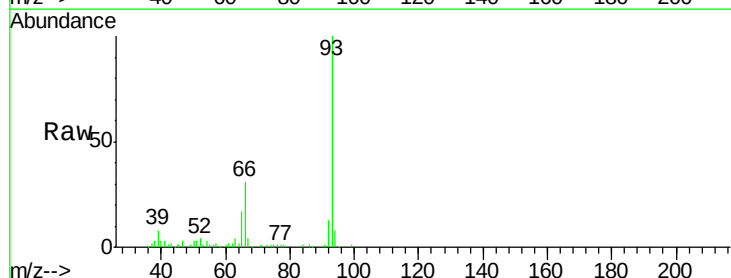
Tgt Ion: 93 Resp: 65412

Ion Ratio Lower Upper

93 100

66 30.7 25.4 38.2

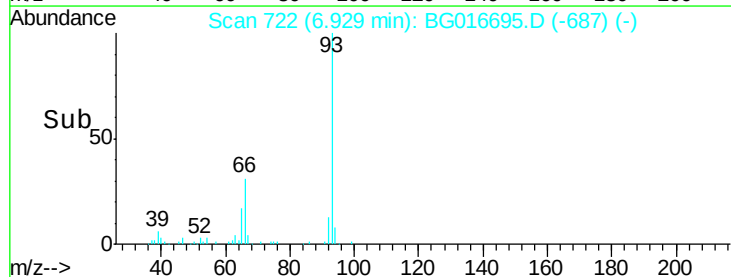
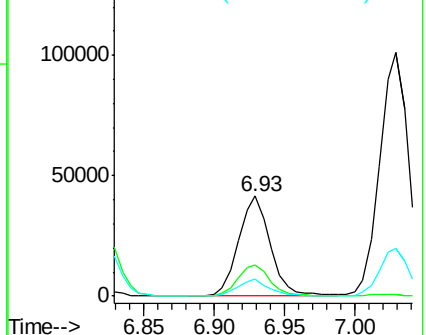
65 16.6 13.8 20.6

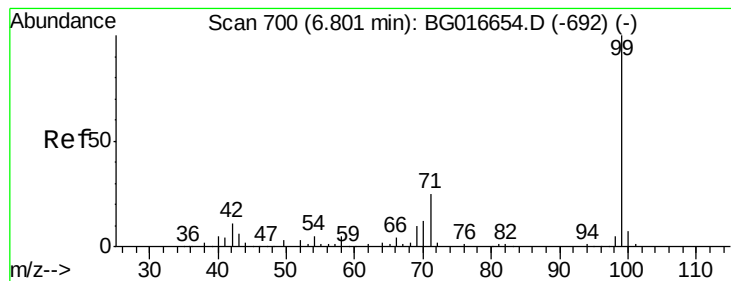


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.85 ng

RT: 6.79 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

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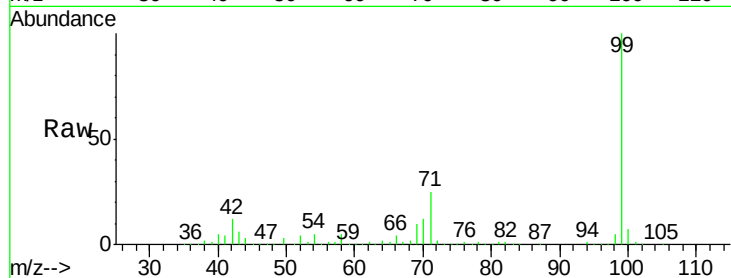
Tot Ion: 99 Resp: 478556

Ion Ratio Lower Upper

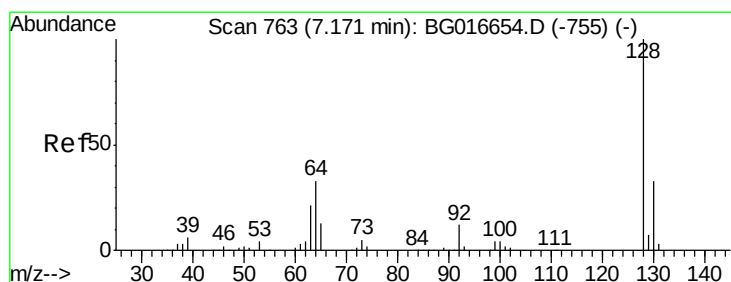
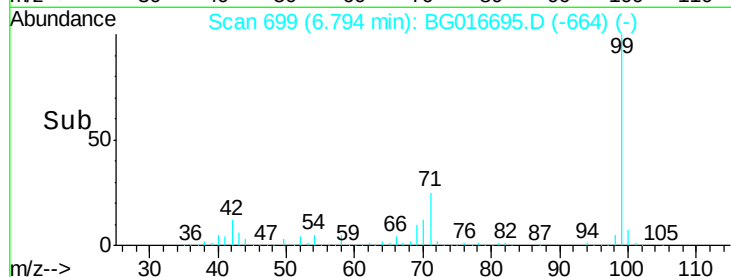
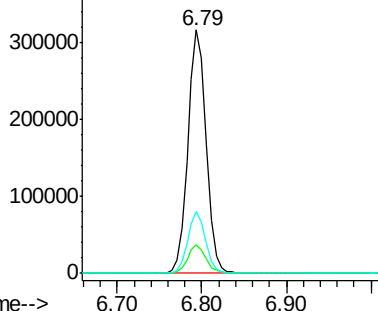
99 100

42 11.6 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: 40.02 ng

RT: 7.16 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

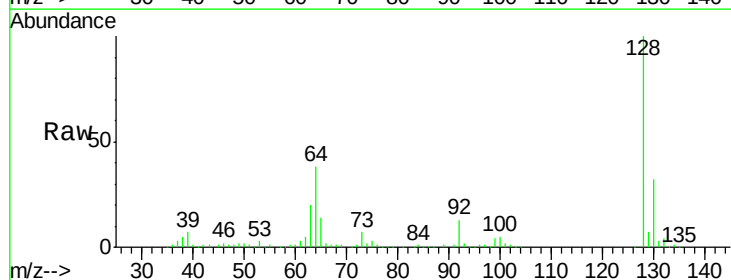
Tgt Ion: 128 Resp: 164042

Ion Ratio Lower Upper

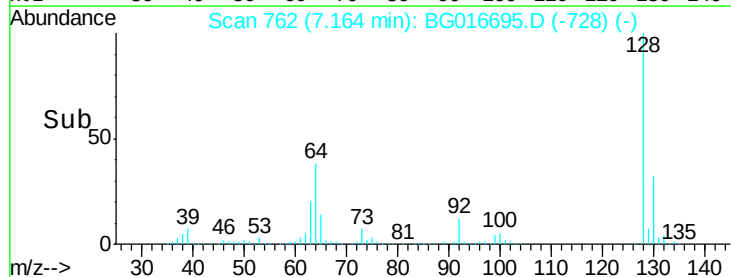
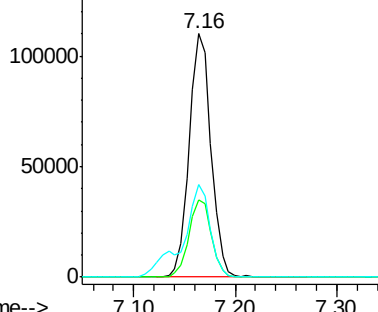
128 100

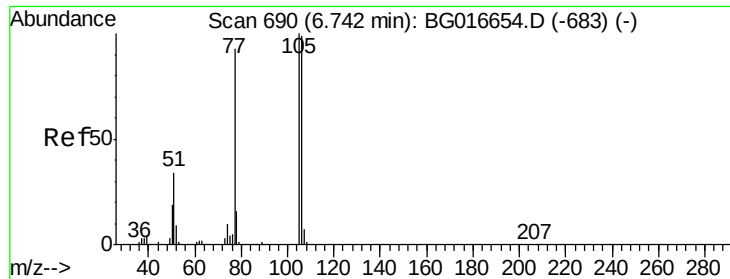
130 32.0 13.5 53.5

64 37.8 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: 6.11 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampled :

SOIL-PITMS

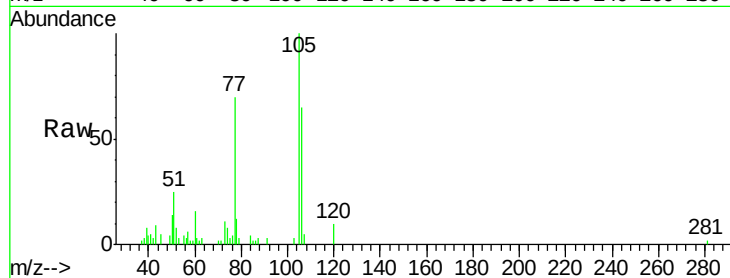
Tot Ion: 77 Resp: 11609

Ion Ratio Lower Upper

77 100

105 141.9 88.0 128.0#

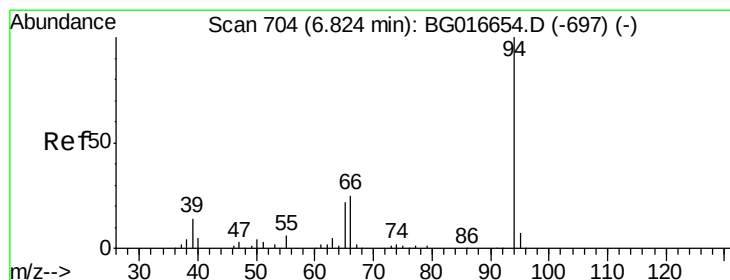
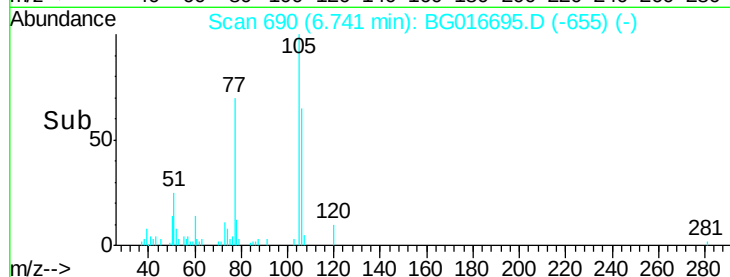
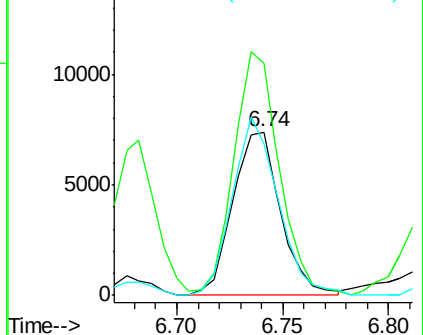
106 92.9 86.6 126.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 34.41 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

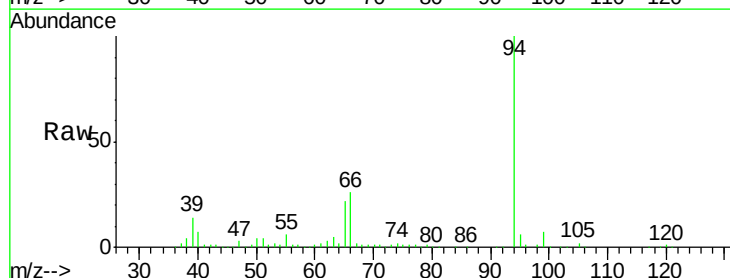
Tgt Ion: 94 Resp: 168737

Ion Ratio Lower Upper

94 100

65 21.9 2.6 42.6

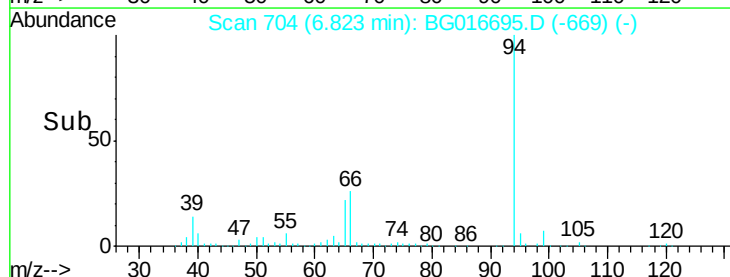
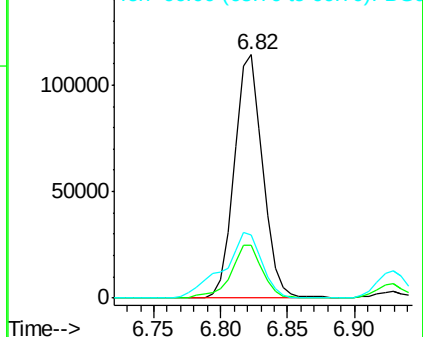
66 26.2 7.0 47.0

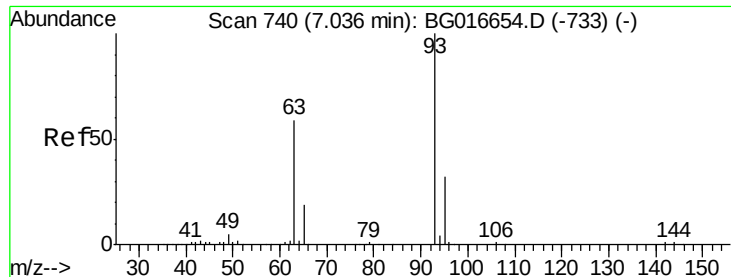


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

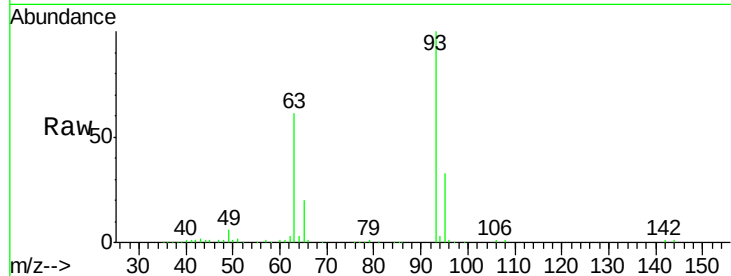




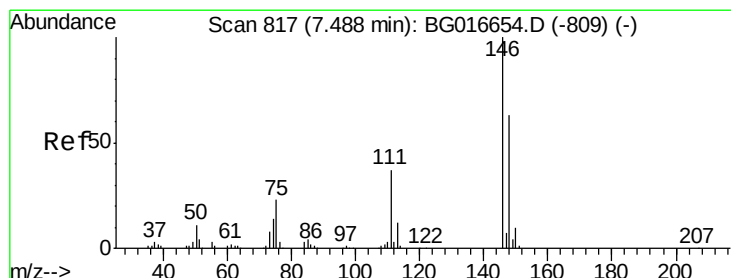
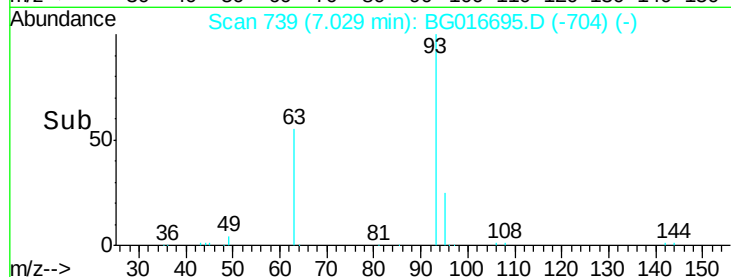
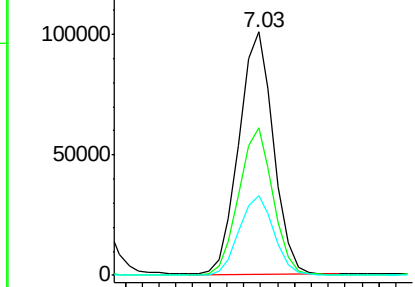
#11
bis(2-Chloroethyl)ether
Concen: 37.29 ng
RT: 7.03 min Scan# 739
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

Tot Ion: 93 Resp: 142745
Ion Ratio Lower Upper
93 100
63 60.8 39.2 79.2
95 32.7 11.9 51.9

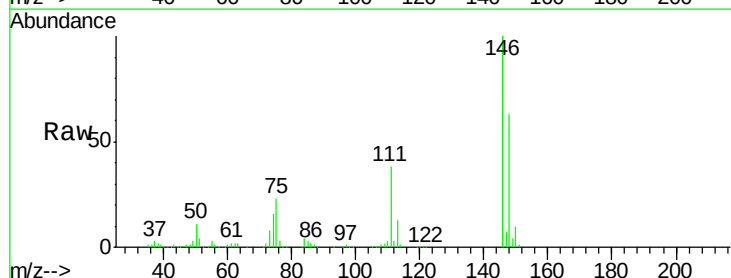


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

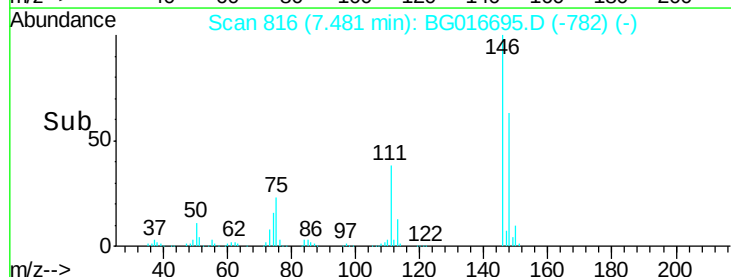
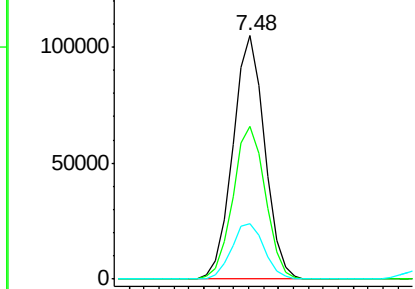


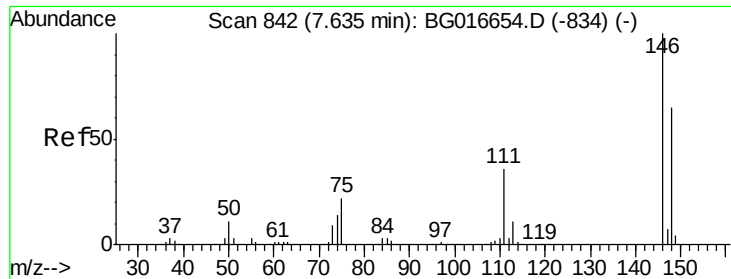
#12
1,3-Dichlorobenzene
Concen: 36.70 ng
RT: 7.48 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion: 146 Resp: 155567
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 22.8 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

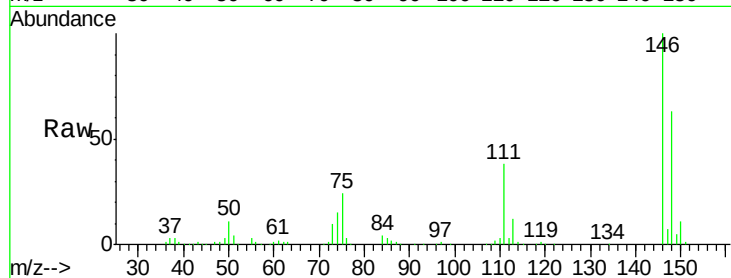




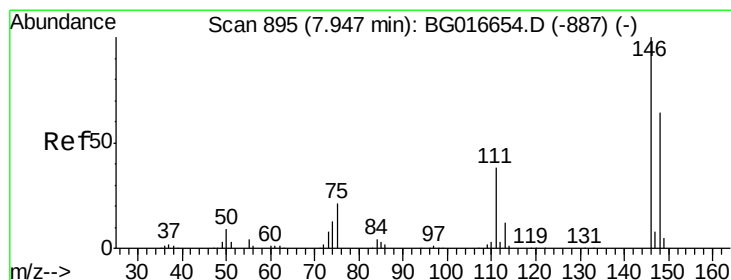
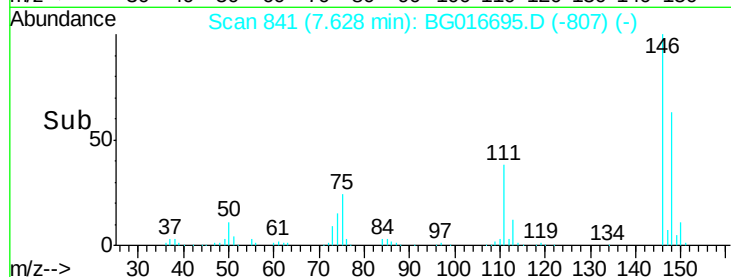
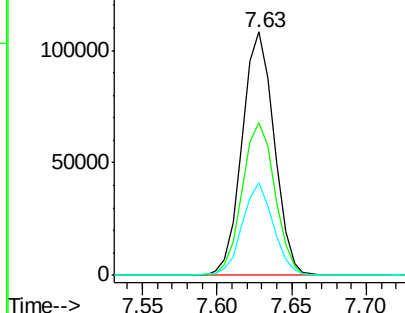
#13
 1,4-Dichlorobenzene
 Concen: 37.10 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Tot Ion:146 Resp: 160781
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.6 77.4
 111 37.8 29.0 43.4

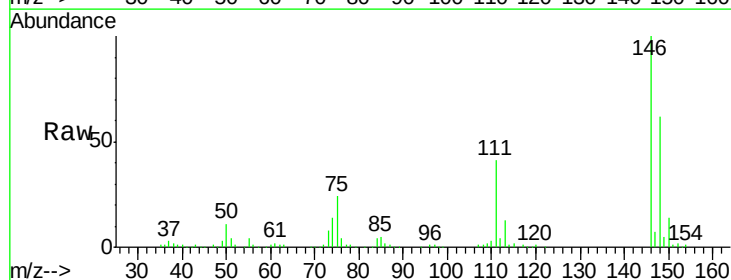


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

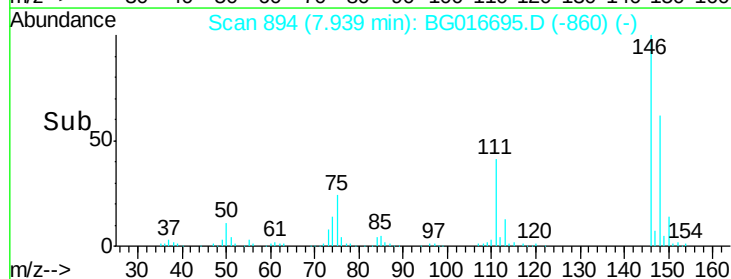
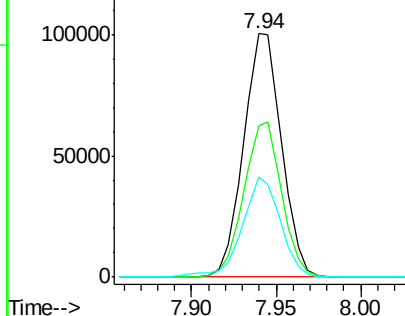


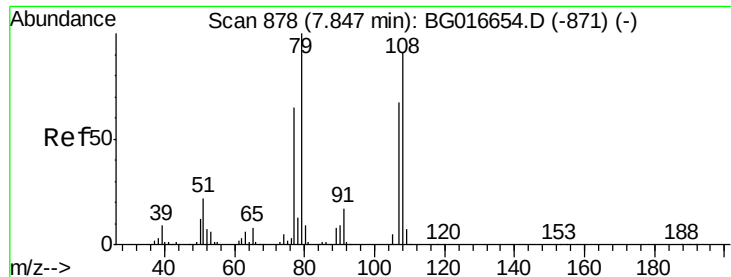
#14
 1,2-Dichlorobenzene
 Concen: 37.96 ng
 RT: 7.94 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:146 Resp: 157056
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.3 76.9
 111 41.3 31.0 46.4



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





#15

Benzyl Alcohol

Concen: 39.34 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

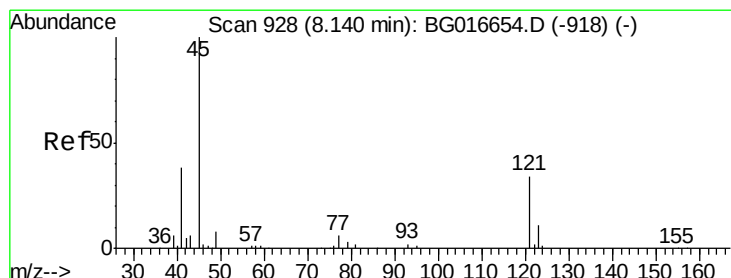
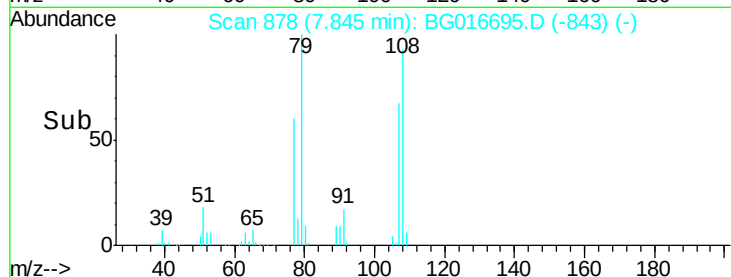
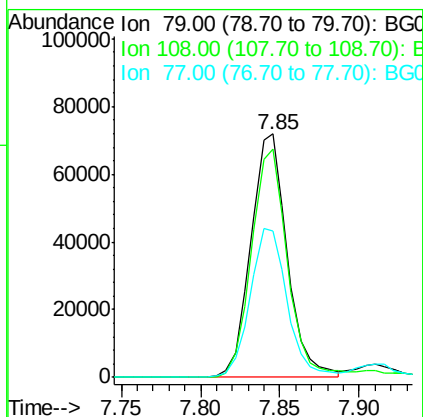
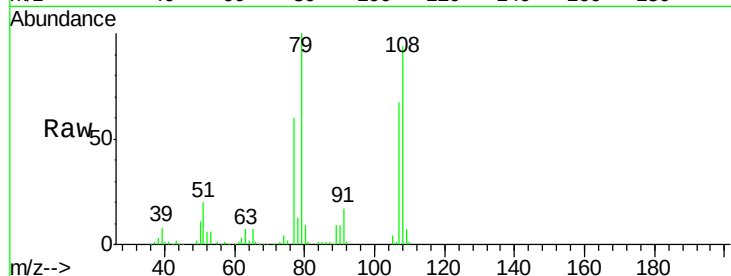
Tot Ion: 79 Resp: 114866

Ion Ratio Lower Upper

79 100

108 93.9 73.0 109.4

77 60.0 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.11 ng

RT: 8.13 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

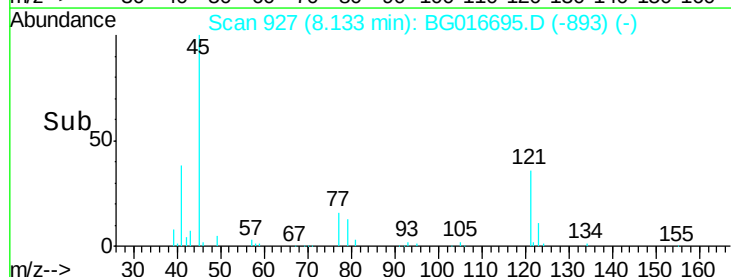
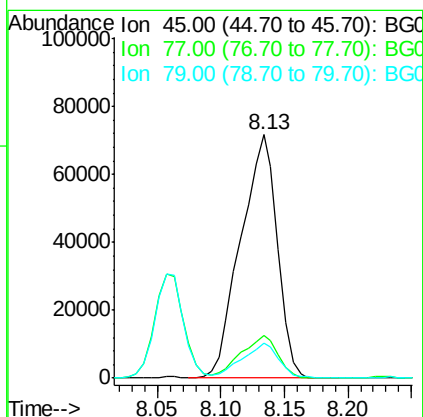
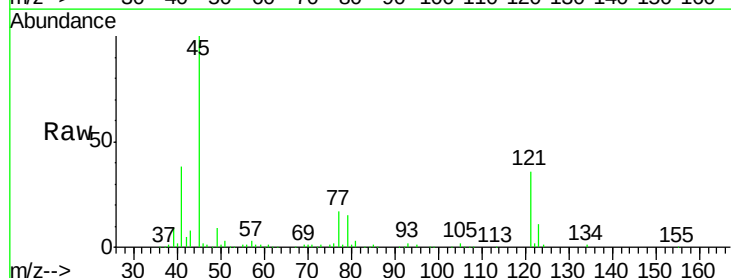
Tgt Ion: 45 Resp: 143732

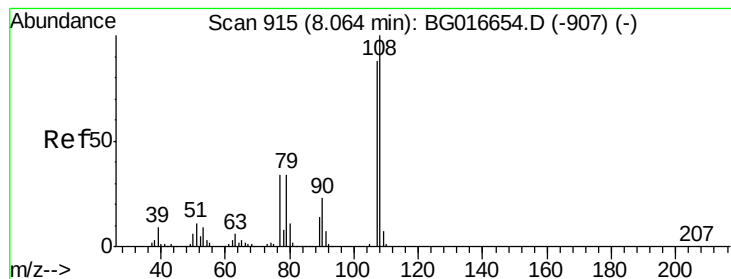
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.3

79 14.6 0.0 34.7





#17

2-Methylphenol

Concen: 40.40 ng

RT: 8.06 min Scan# 915

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

Tot Ion:107 Resp: 132485

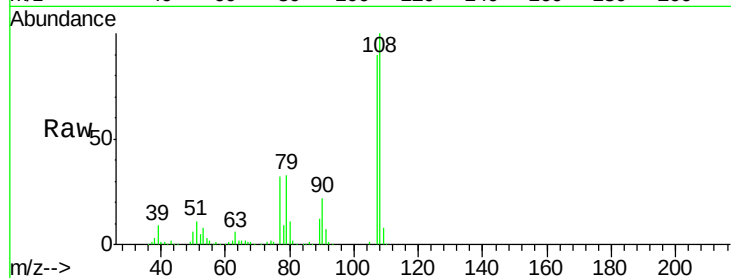
Ion Ratio Lower Upper

107 100

108 111.3 90.6 135.8

77 35.8 31.4 47.0

79 36.4 30.9 46.3

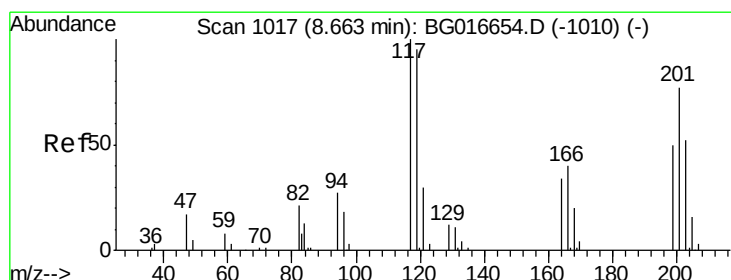
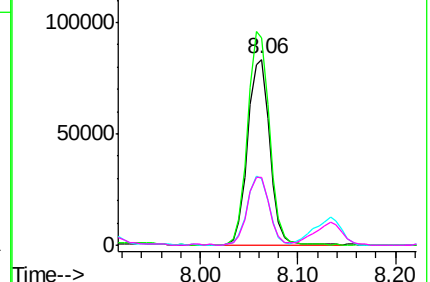
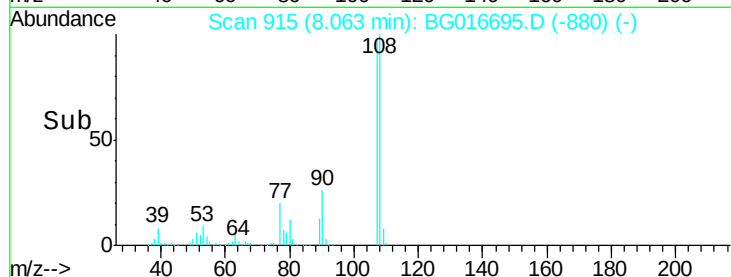


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.26 ng

RT: 8.66 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

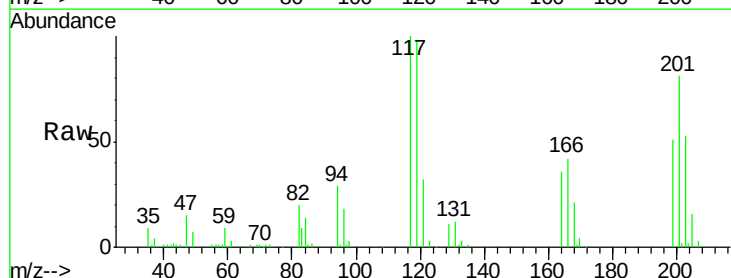
Tgt Ion:117 Resp: 58454

Ion Ratio Lower Upper

117 100

119 97.8 76.3 114.5

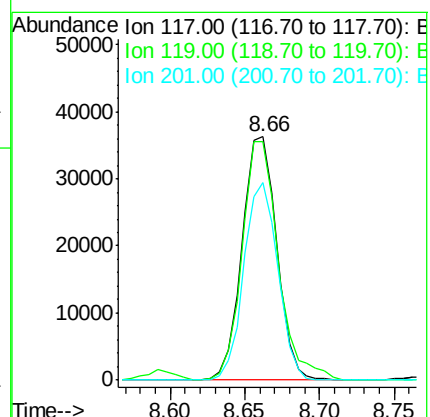
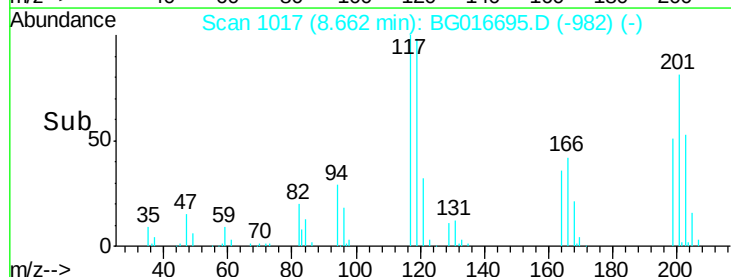
201 81.3 61.5 92.3

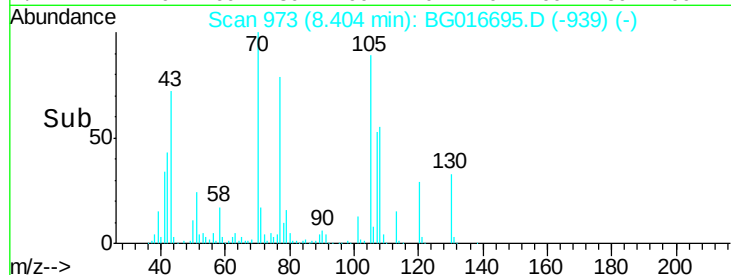
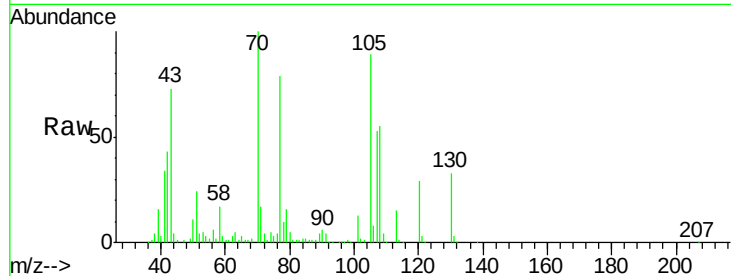
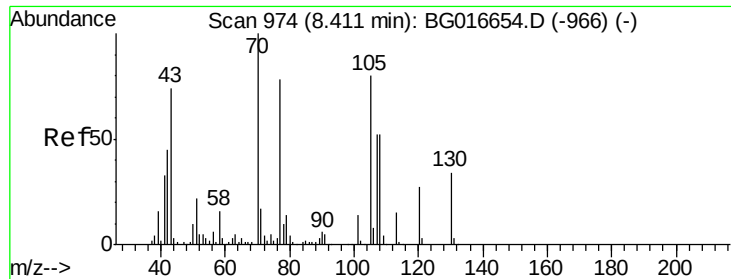


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

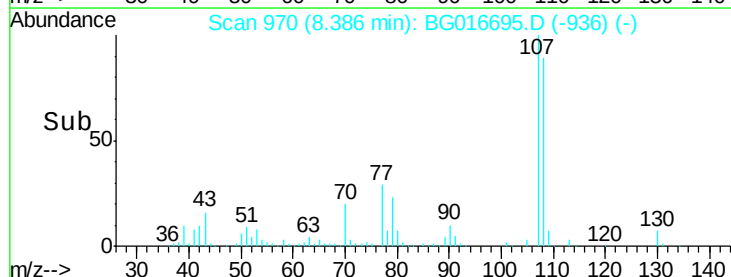
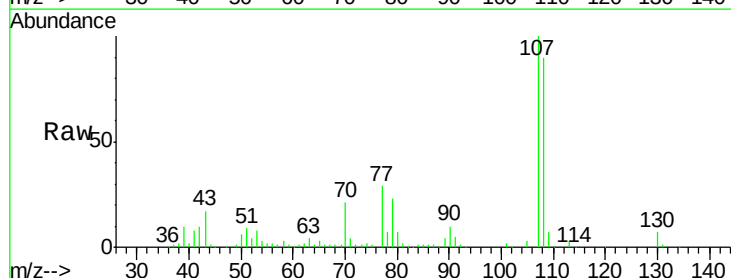
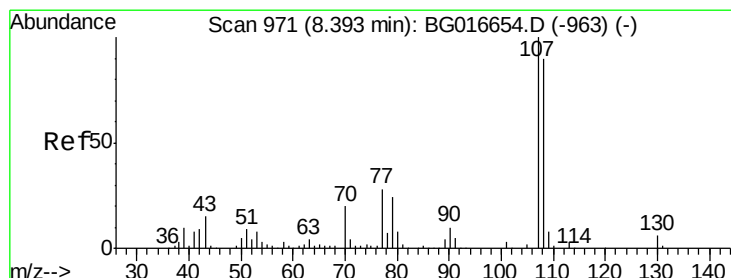
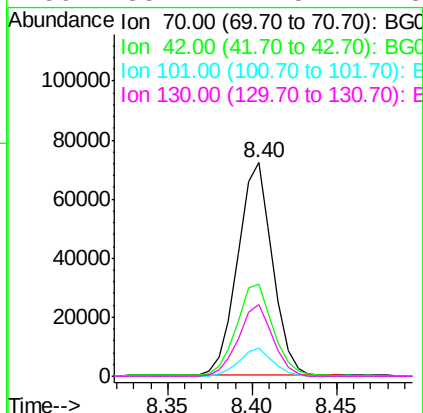




#19
n-Nitroso-di-n-propylamine
Concen: 35.59 ng
RT: 8.40 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

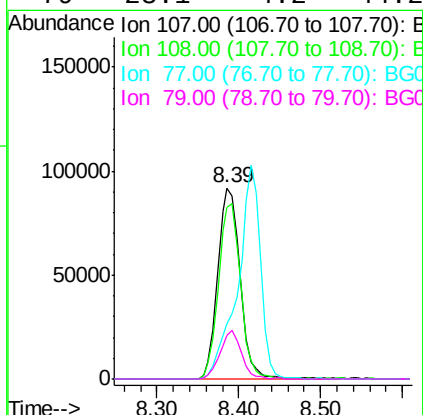
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

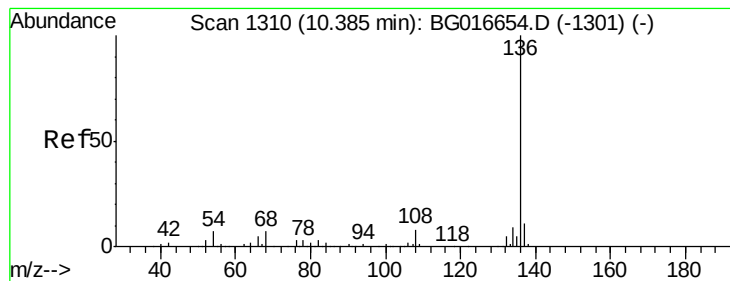
Tot Ion:	70	Resp:	103215
Ion	Ratio	Lower	Upper
70	100		
42	43.3	35.7	53.5
101	12.9	11.0	16.4
130	33.4	27.5	41.3



#20
3+4-Methylphenols
Concen: 37.90 ng
RT: 8.39 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion:	107	Resp:	174743
Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.5	109.5
77	28.8	8.2	48.2
79	23.1	4.2	44.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

Tot Ion:136 Resp: 234259

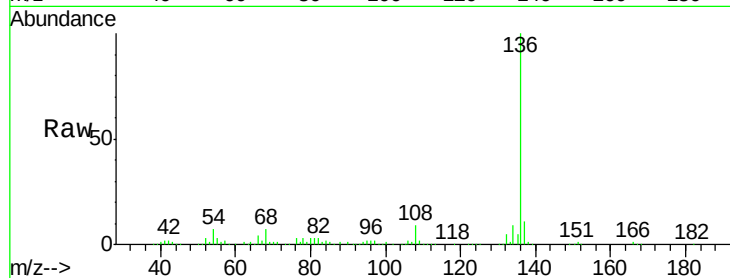
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.5 5.4 8.2

68 7.1 5.2 7.8

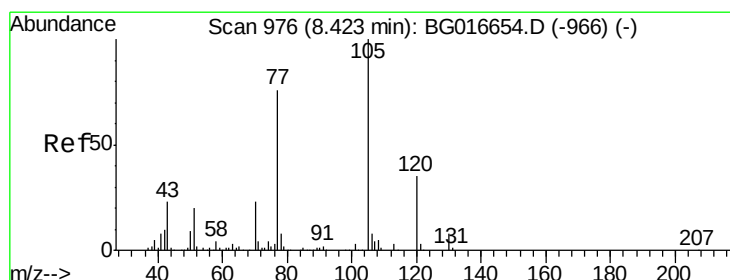
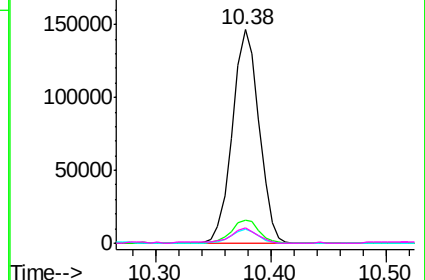
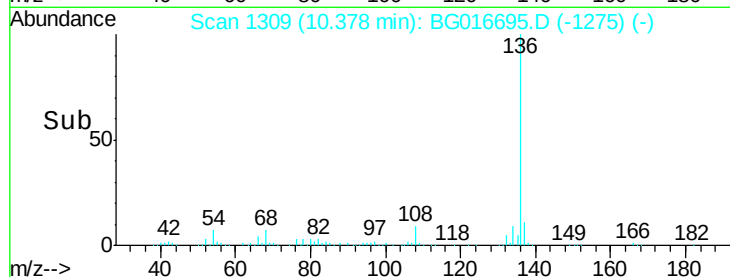


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.63 ng

RT: 8.42 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Tgt Ion:105 Resp: 208909

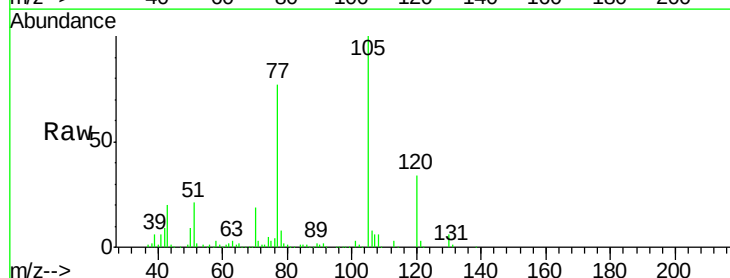
Ion Ratio Lower Upper

105 100

71 3.4 3.0 4.4

51 21.1 16.5 24.7

120 34.3 27.8 41.6

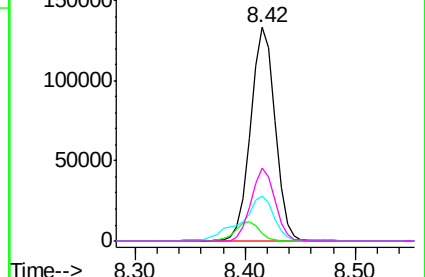
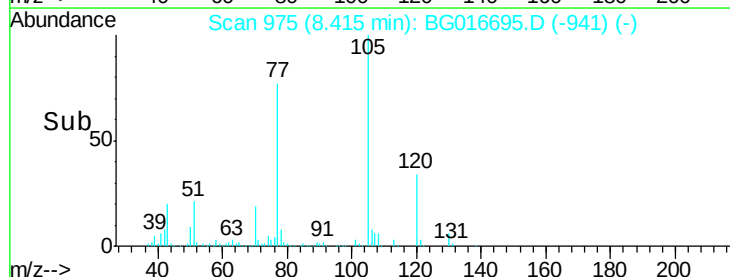


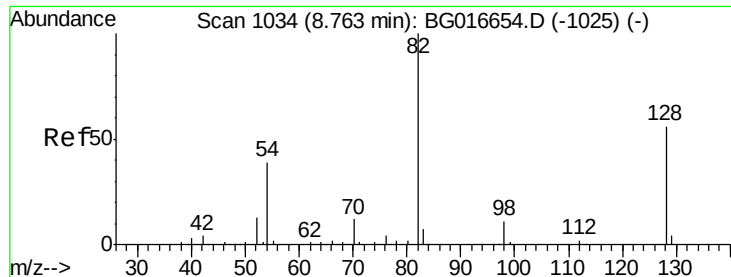
Abundance Ion 105.00 (104.70 to 105.70): E

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

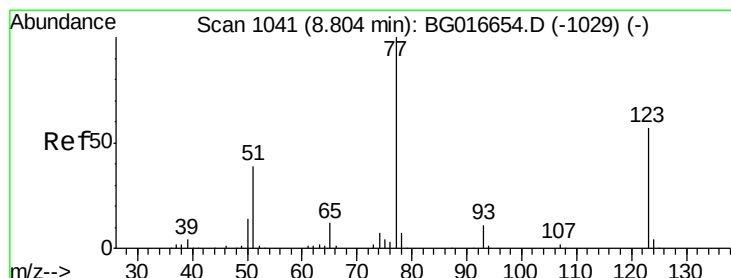
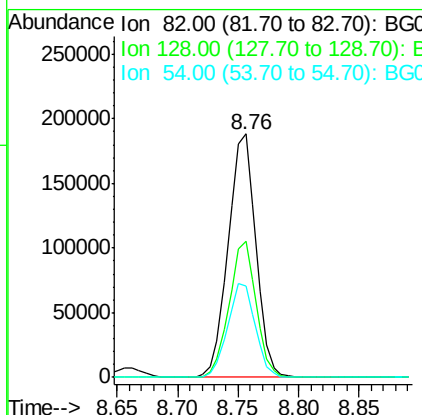
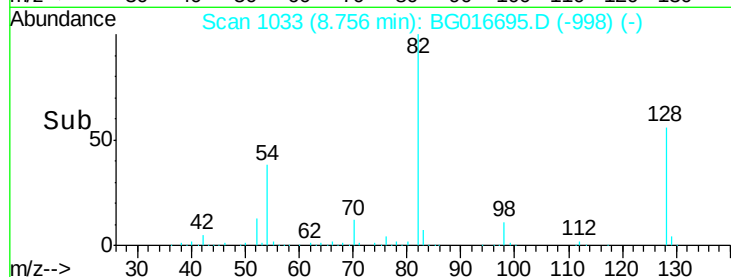
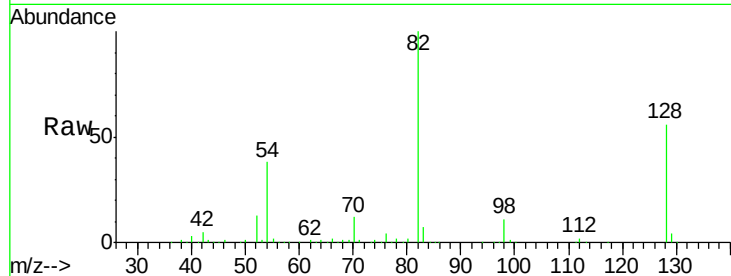




#23
 Nitrobenzene-d5
 Concen: 81.11 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

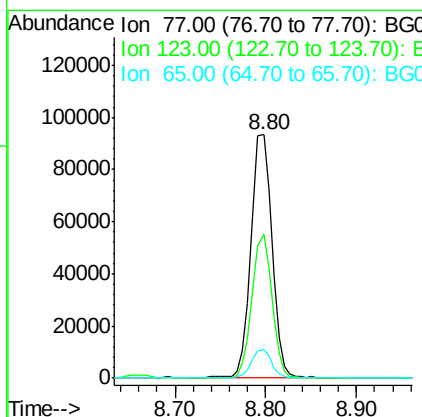
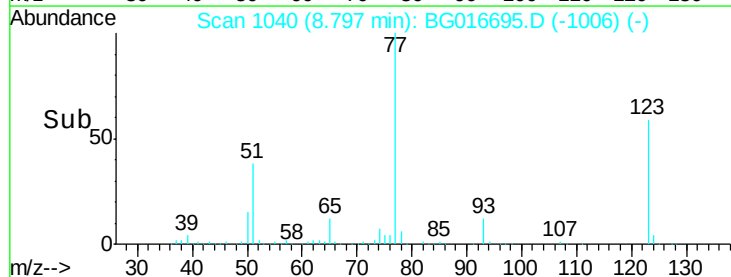
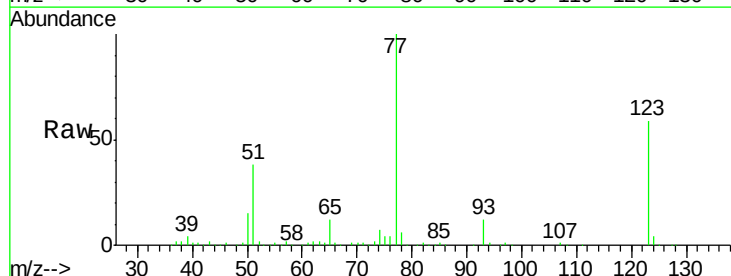
Instrument :
 BNA_G
 ClientSampleID :
 SOIL-PITMS

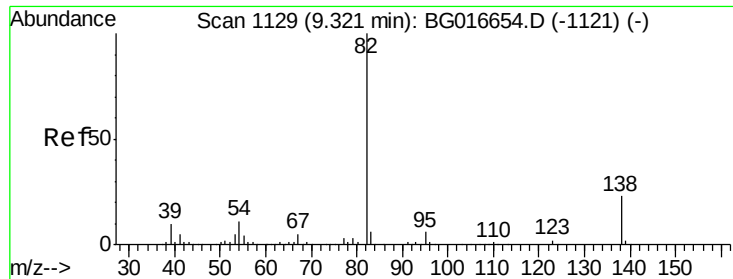
Tot Ion	82	Resp	300716
Ion Ratio	100		
Lower	44.7		
Upper	67.1		
128	55.9		
54	37.6		



#24
 Nitrobenzene
 Concen: 38.76 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion	77	Resp	150905
Ion Ratio	100		
Lower	45.6		
Upper	68.4		
123	58.8		
65	11.7		





#25

Isophorone

Concen: 38.89 ng

RT: 9.31 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

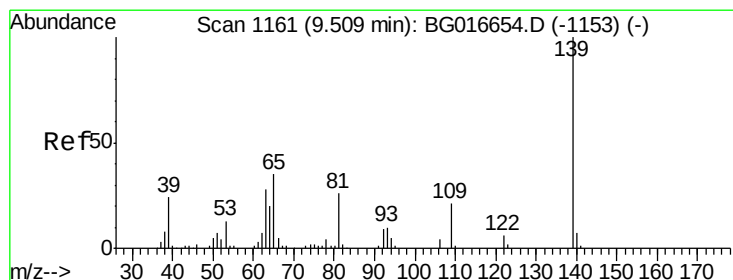
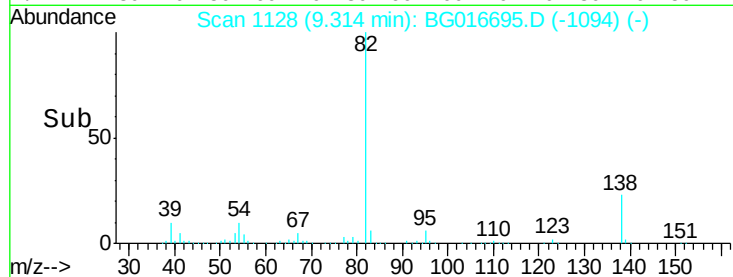
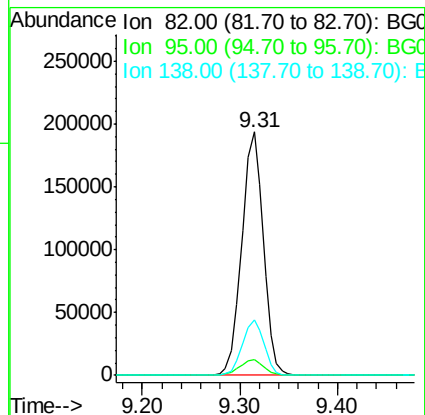
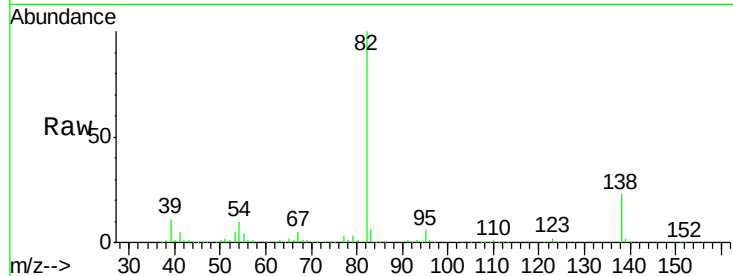
Tot Ion: 82 Resp: 298801

Ion Ratio Lower Upper

82 100

95 6.2 5.0 7.6

138 22.9 18.2 27.2



#26

2-Nitrophenol

Concen: 40.10 ng

RT: 9.50 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

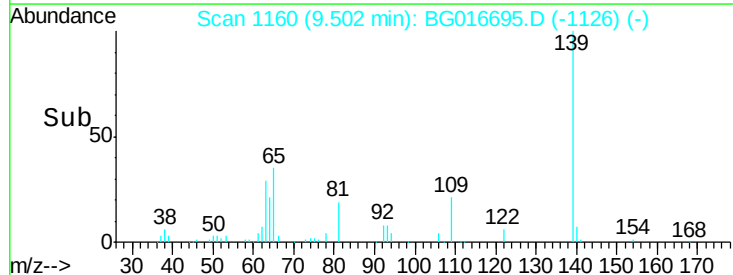
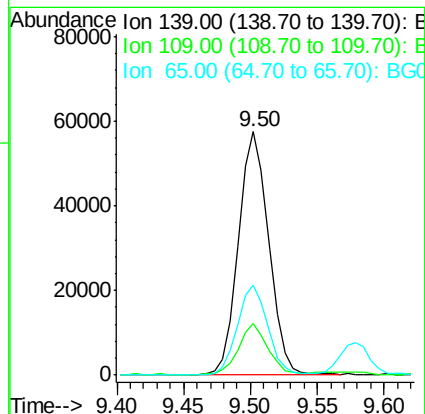
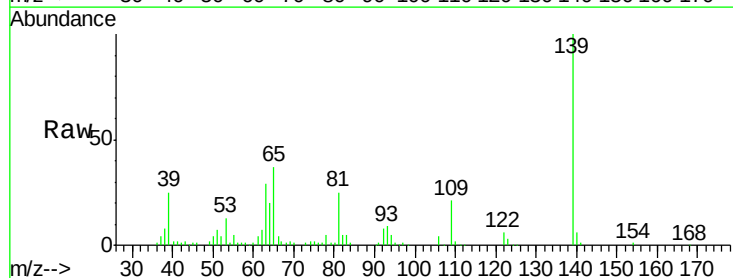
Tgt Ion: 139 Resp: 90597

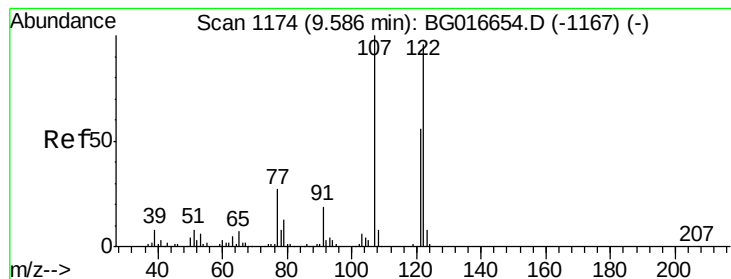
Ion Ratio Lower Upper

139 100

109 21.3 17.0 25.6

65 36.8 28.2 42.4





#27

2,4-Dimethylphenol

Concen: 42.93 ng

RT: 9.58 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

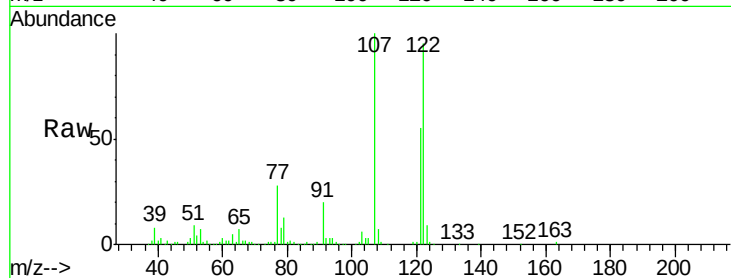
Tot Ion:122 Resp: 161940

Ion Ratio Lower Upper

122 100

107 104.9 83.6 125.4

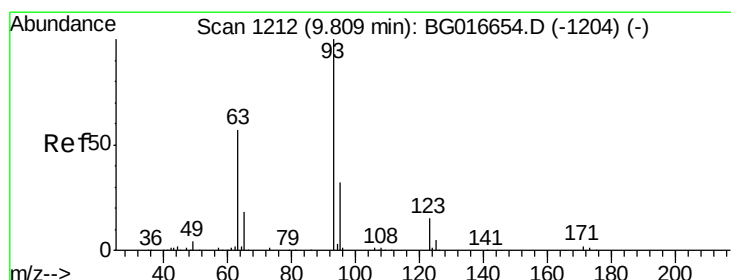
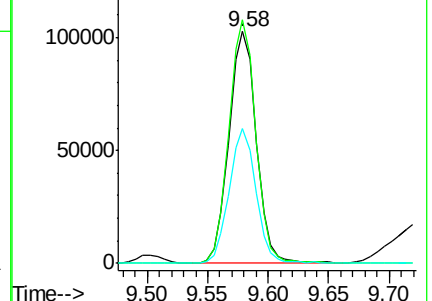
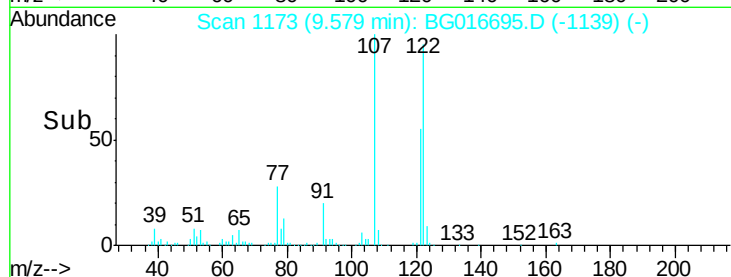
121 58.0 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.45 ng

RT: 9.80 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

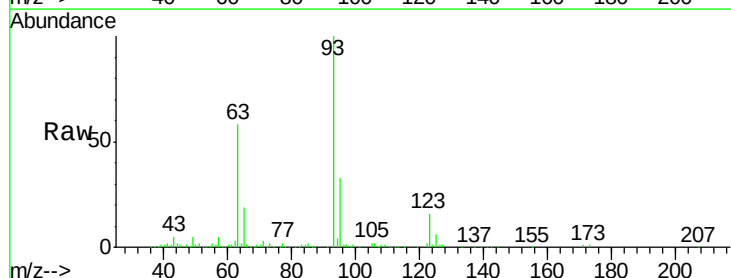
Tgt Ion: 93 Resp: 182880

Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.2

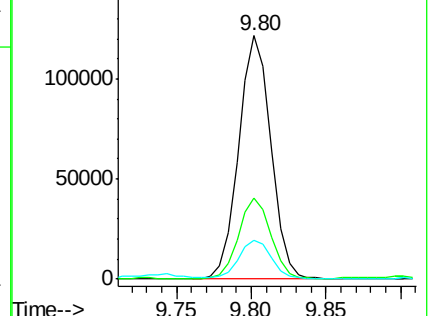
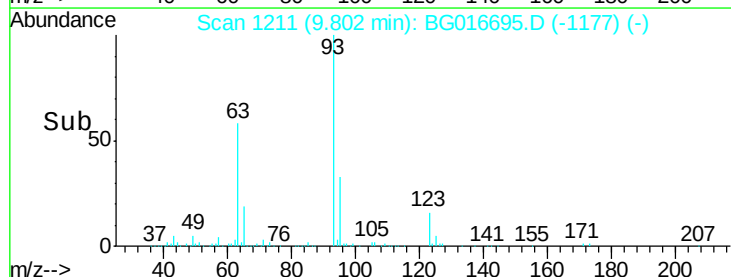
123 16.0 12.2 18.4

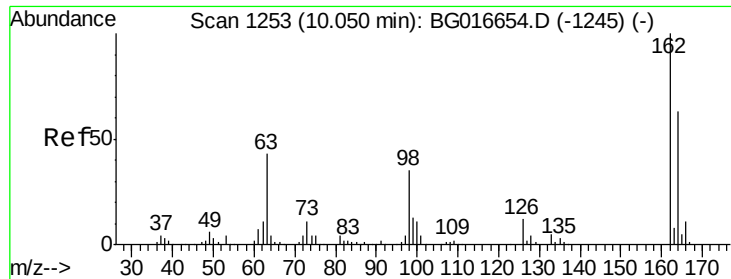


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

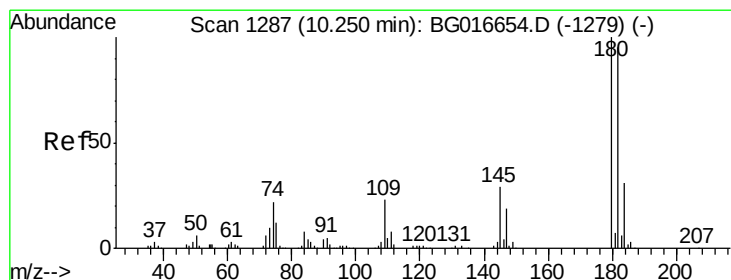
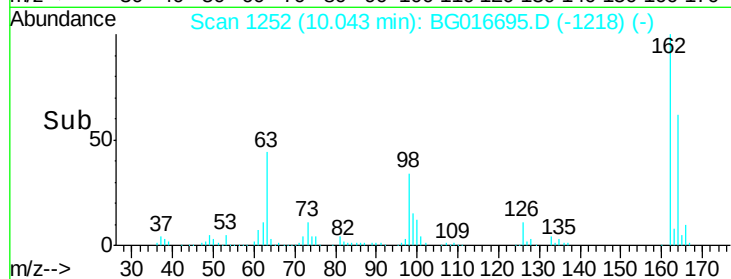
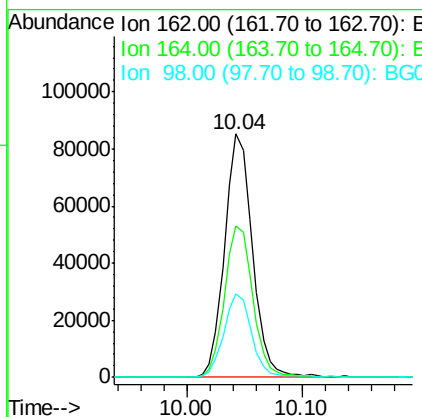
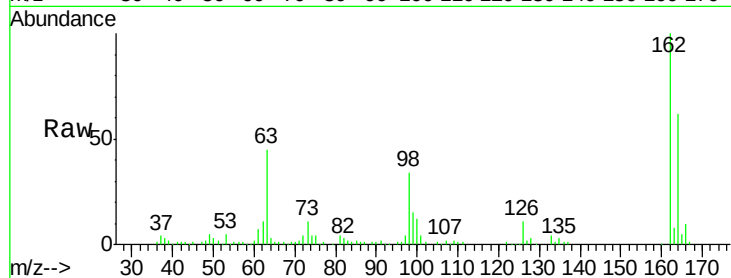




#29
 2,4-Dichlorophenol
 Concen: 44.53 ng
 RT: 10.04 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

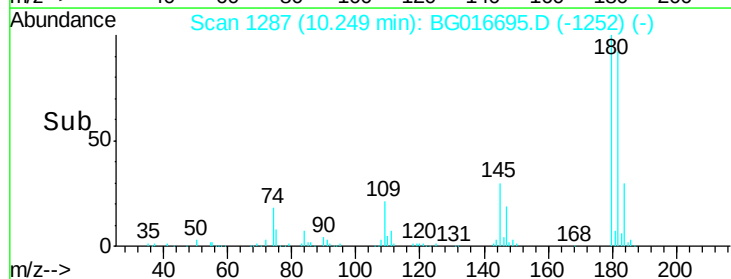
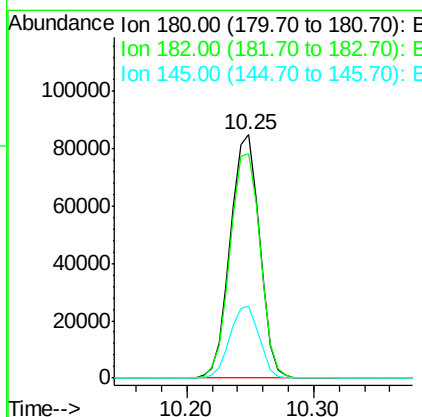
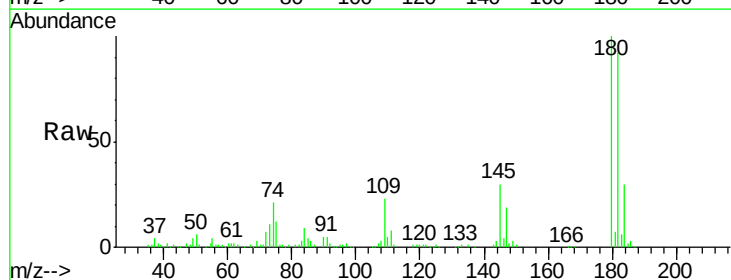
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

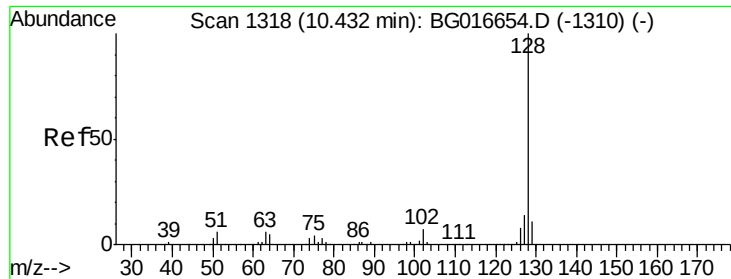
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.9	82.9
98	34.3	15.4	55.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.90 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.2	114.4
145	29.6	23.2	34.8

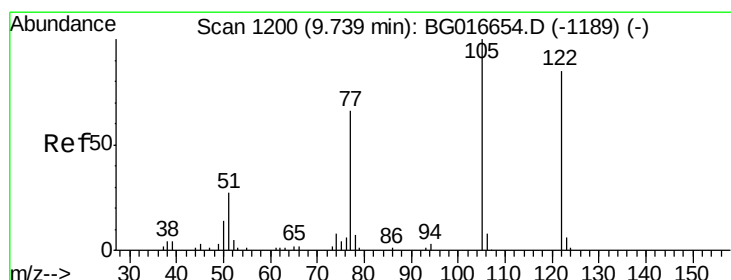
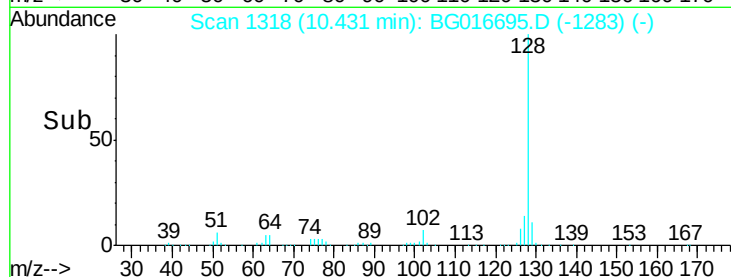
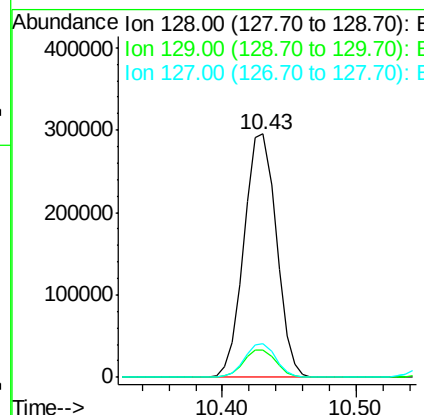
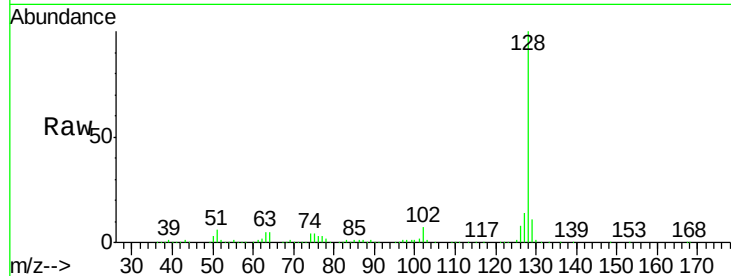




#31
Naphthalene
Concen: 40.12 ng
RT: 10.43 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

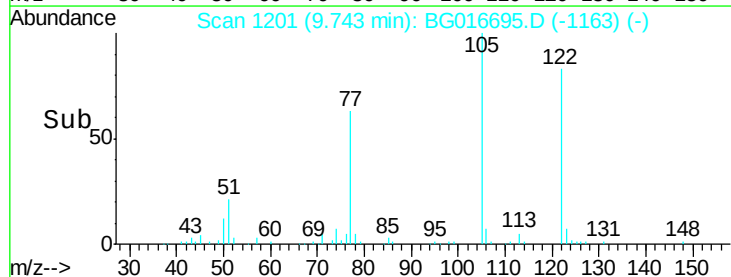
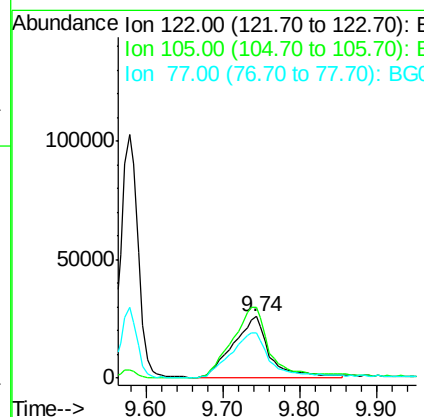
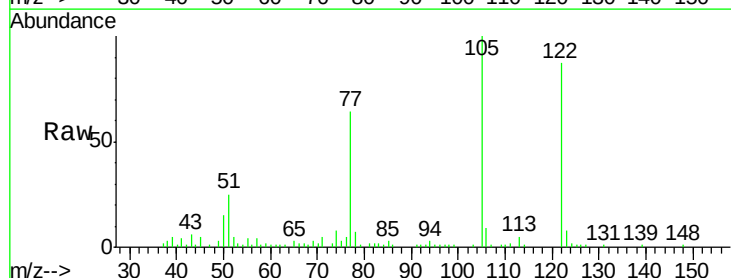
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

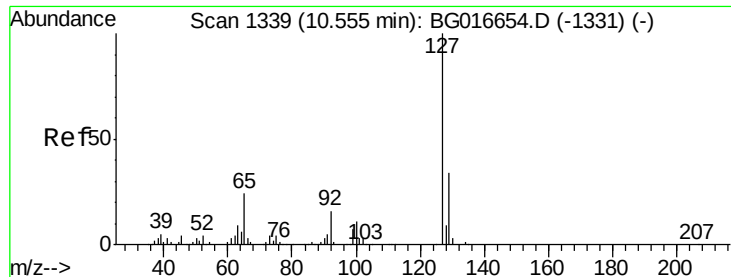
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.7	11.1	16.7



#32
Benzoic acid
Concen: 42.71 ng
RT: 9.74 min Scan# 1201
Delta R.T. 0.02 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.4	97.2	137.2
77	73.8	58.4	98.4

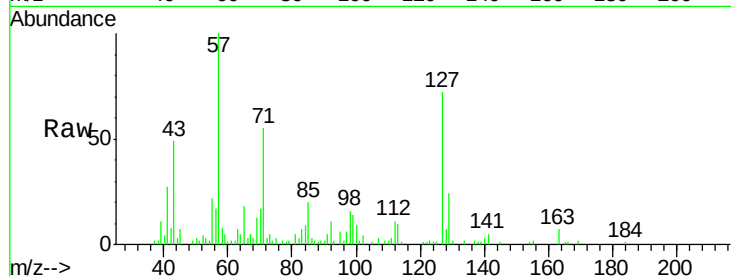




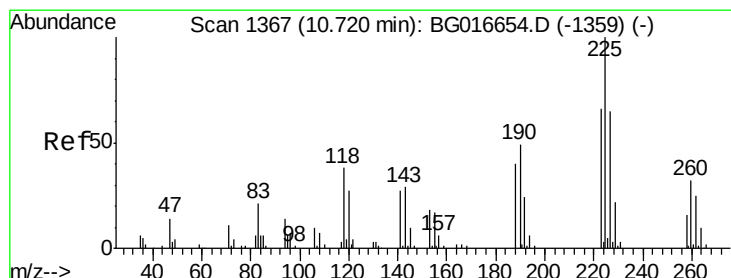
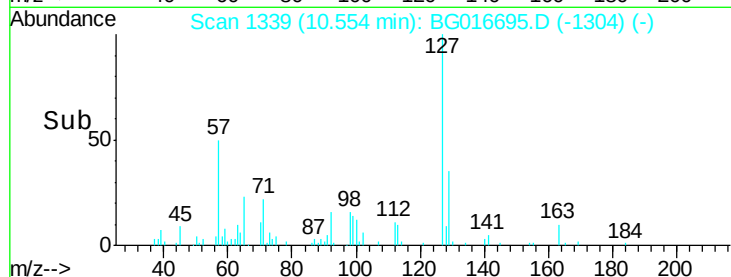
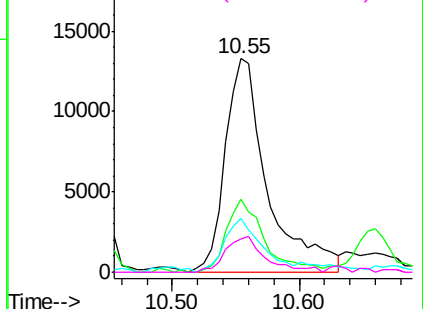
#33
4-Chloroaniline
Concen: 5.39 ng
RT: 10.55 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

Tot Ion:	127	Resp:	30656
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.4	41.2
65	25.0	19.1	28.7
92	15.6	12.6	18.8

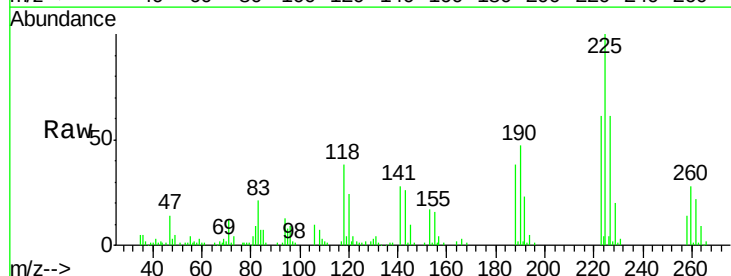


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

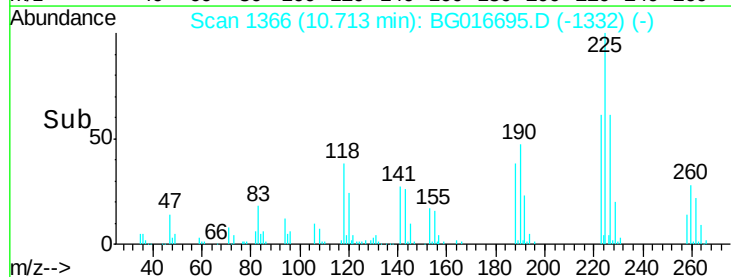
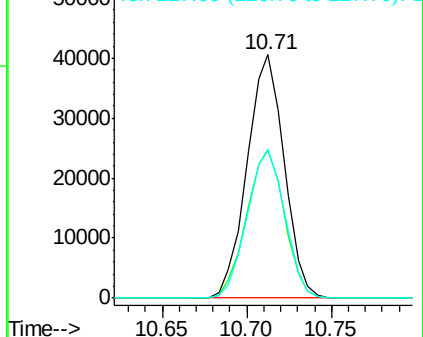


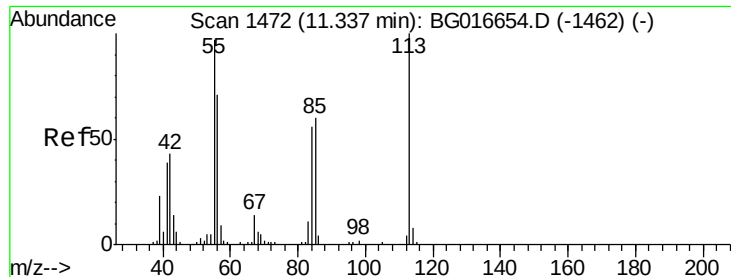
#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion:	225	Resp:	62023
Ion	Ratio	Lower	Upper
225	100		
223	60.6	52.6	79.0
227	61.4	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.38 ng/ml

RT: 11.40 min Scan# 1483

Delta R.T. 0.08 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

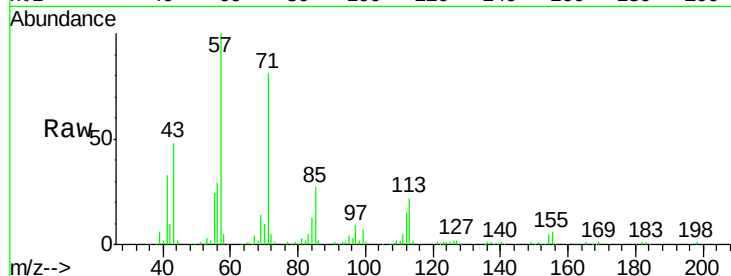
Tot Ion:113 Resp: 73257

Ion Ratio Lower Upper

113 100

55 107.0 77.1 117.1

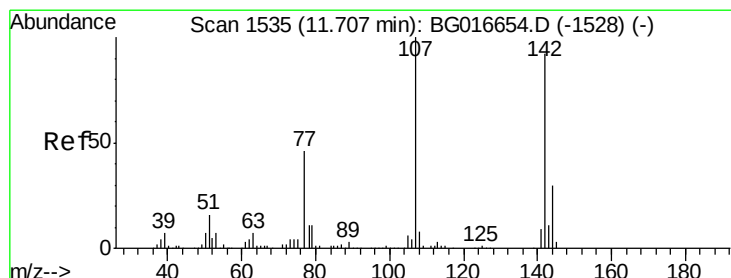
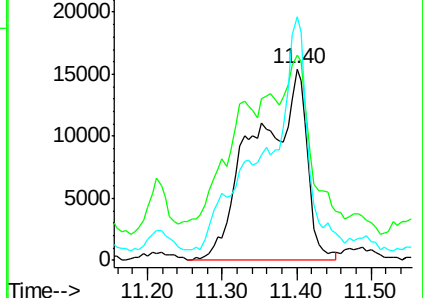
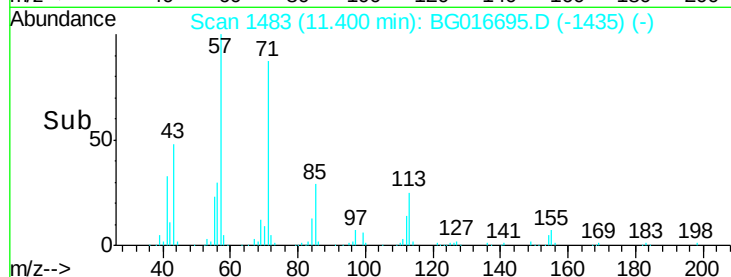
56 127.0 51.4 91.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.96 ng/ml

RT: 11.70 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

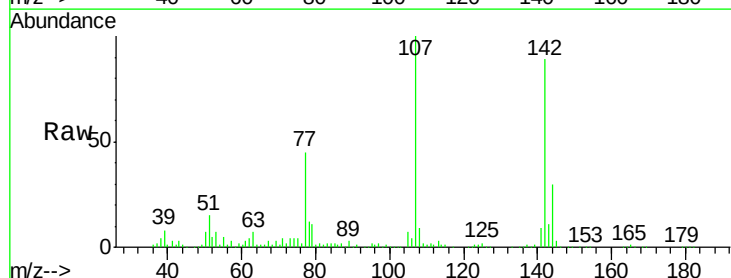
Tgt Ion:107 Resp: 160196

Ion Ratio Lower Upper

107 100

144 30.3 24.2 36.4

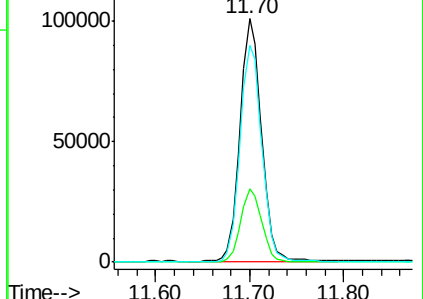
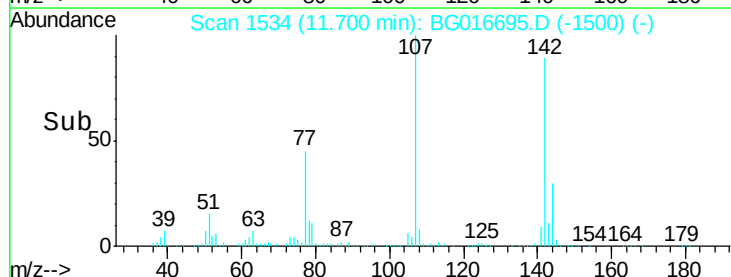
142 89.2 73.8 110.6

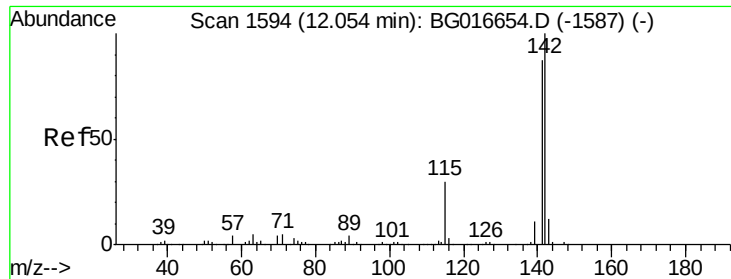


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

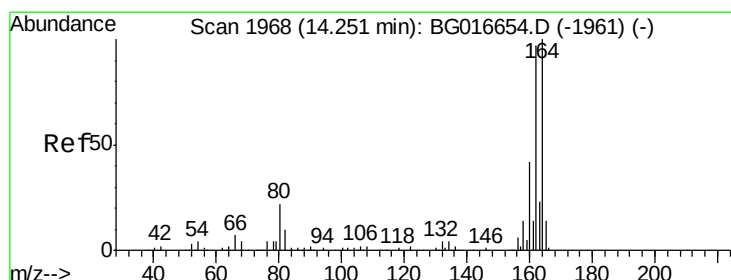
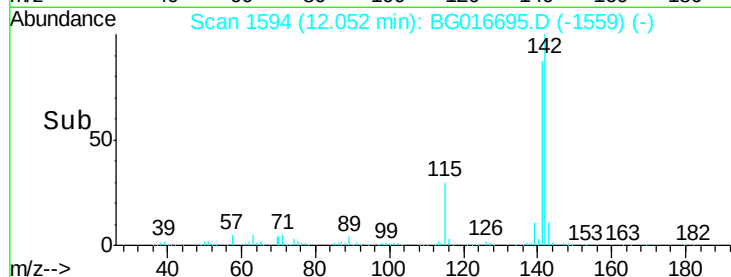
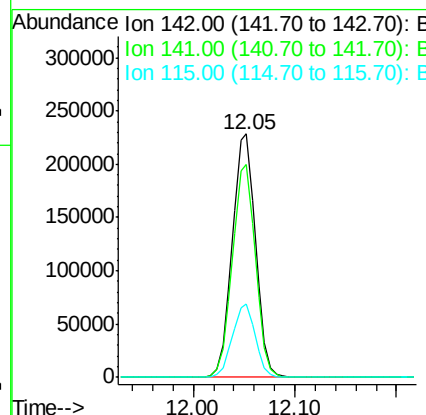
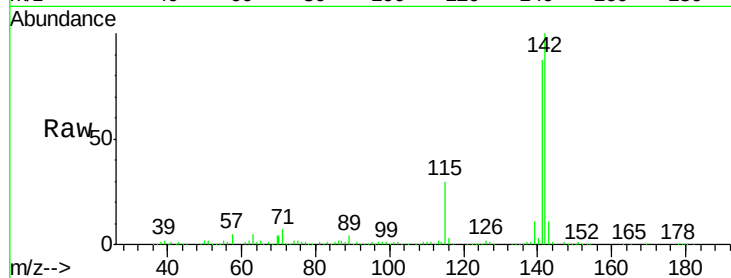




#37
2-Methylnaphthalene
Concen: 40.73 ng
RT: 12.05 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

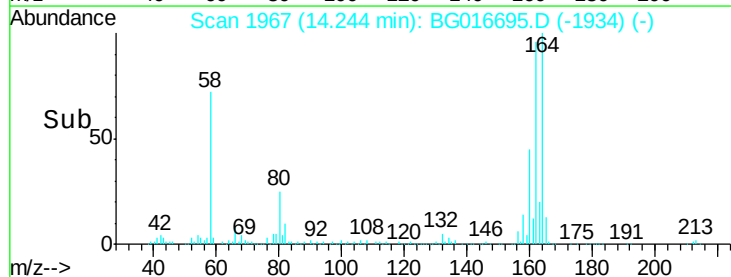
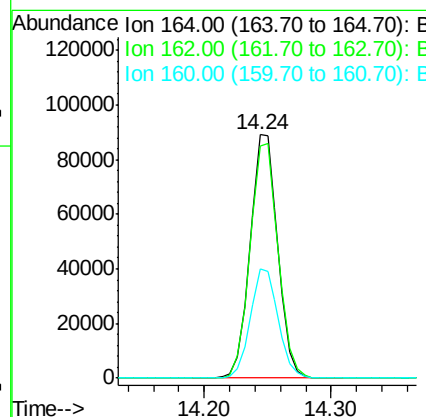
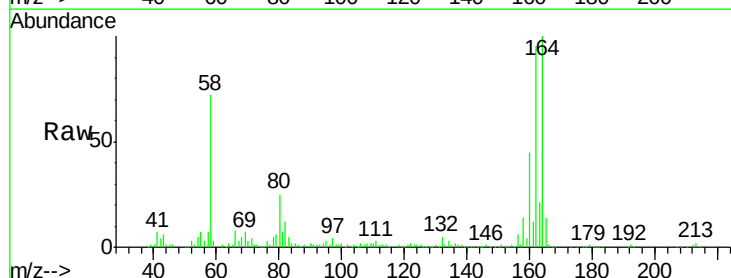
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

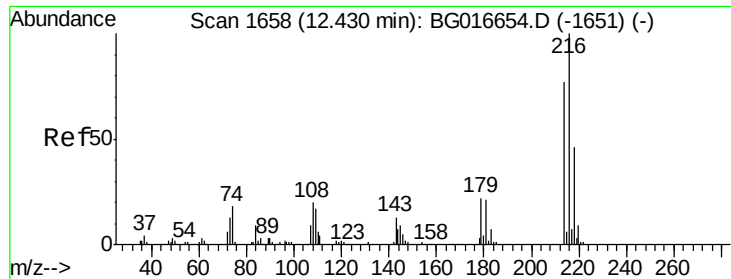
Tot Ion:142 Resp: 363316
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9
115 30.0 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion:164 Resp: 134502
Ion Ratio Lower Upper
164 100
162 95.3 77.3 115.9
160 44.8 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.97 ng

RT: 12.43 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

Tot Ion:216 Resp: 128074

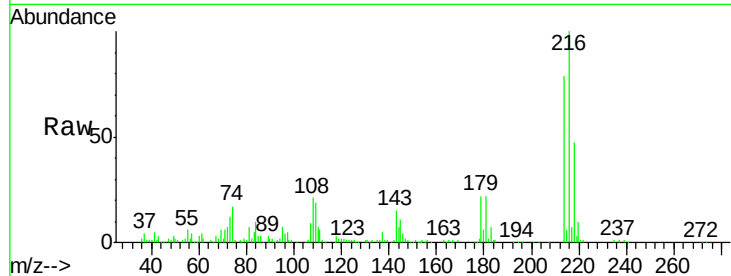
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

179 23.0 17.6 26.4

108 24.7 18.1 27.1

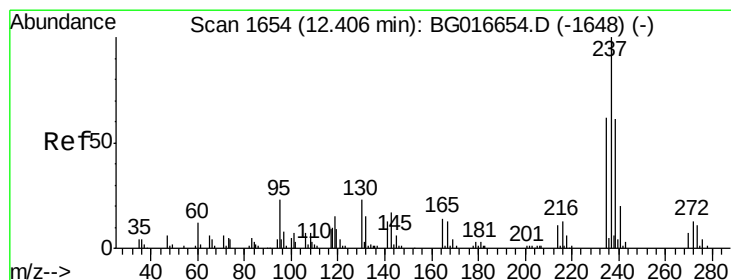
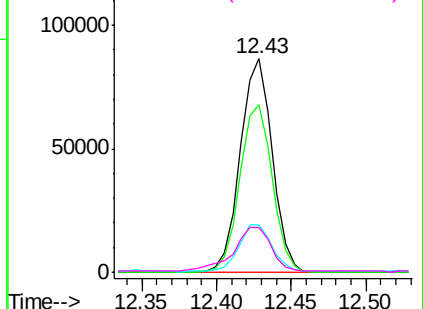
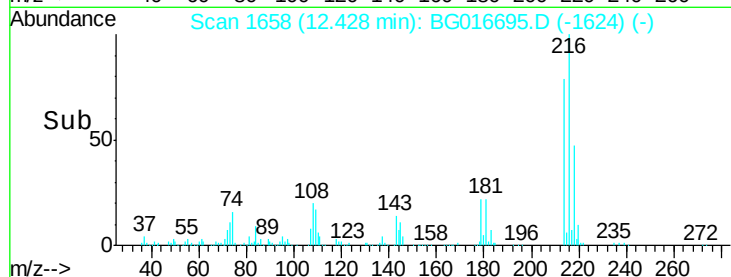


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.09 ng

RT: 12.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

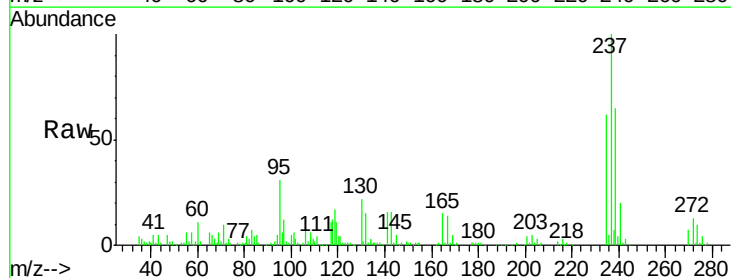
Tgt Ion:237 Resp: 98117

Ion Ratio Lower Upper

237 100

235 61.6 42.2 82.2

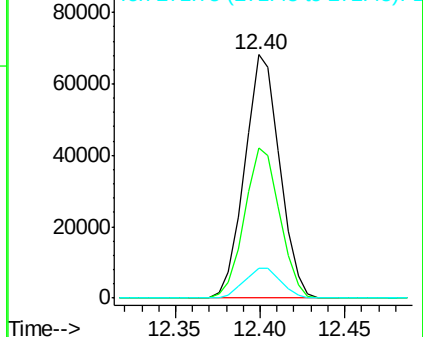
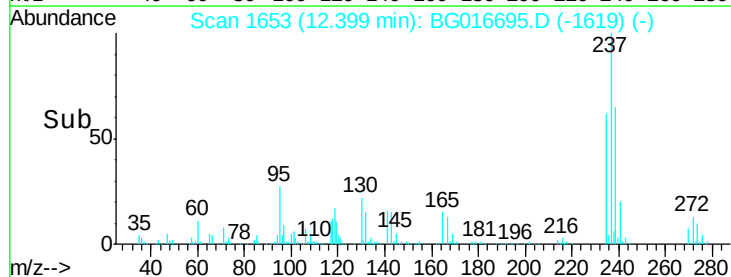
272 12.5 0.0 32.8

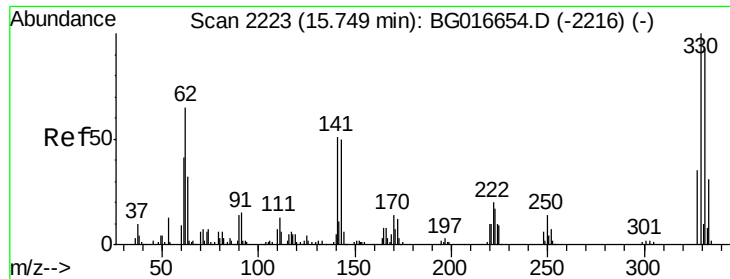


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

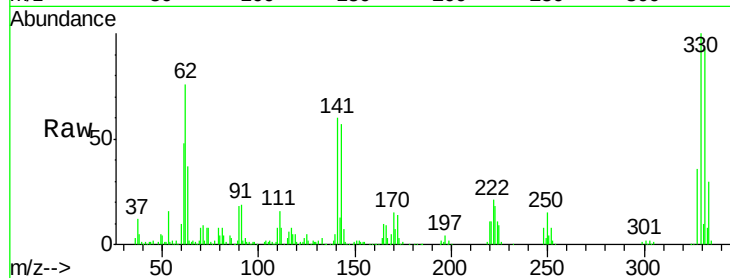




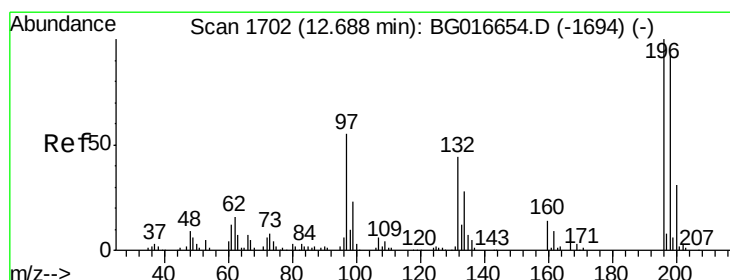
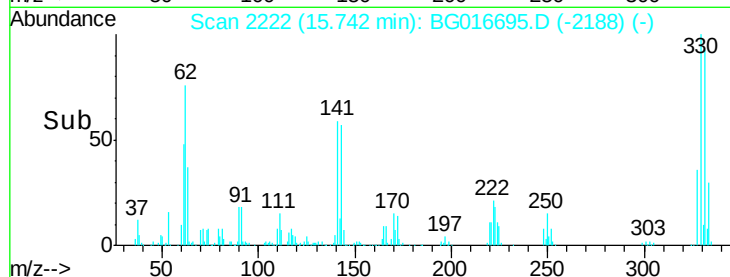
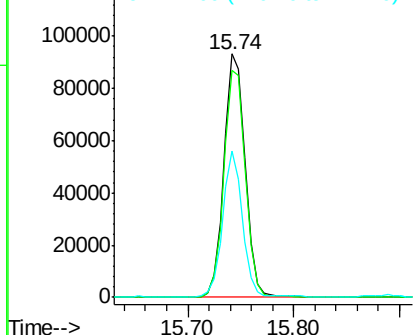
#41
 2,4,6-Tribromophenol
 Concen: 130.49 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Tot Ion:330 Resp: 130208
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 56.0 43.0 64.6

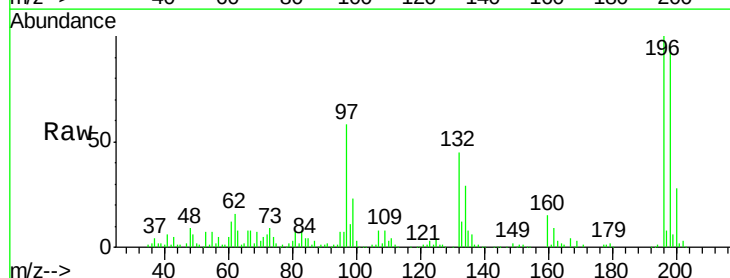


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

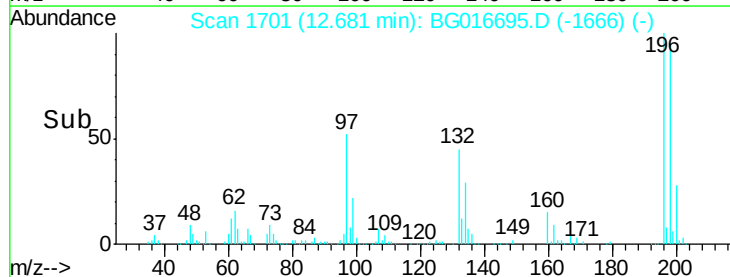
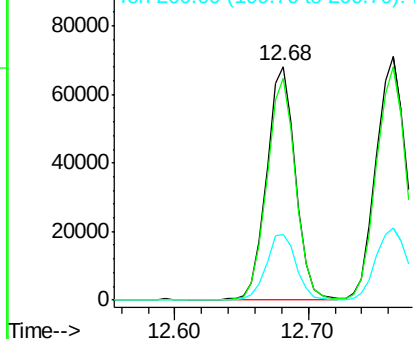


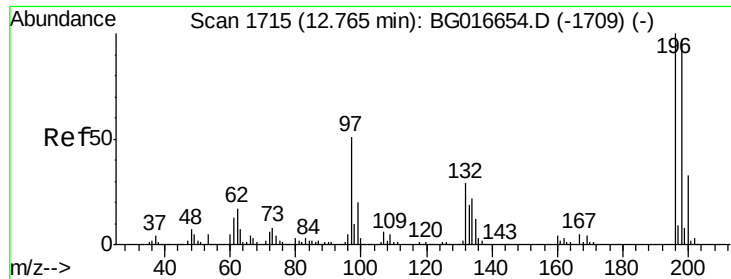
#42
 2,4,6-Trichlorophenol
 Concen: 43.80 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. 0.01 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:196 Resp: 102546
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.6 111.8
 200 28.2 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

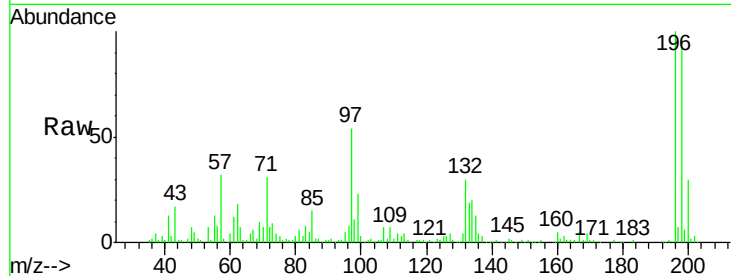




#43
 2,4,5-Trichlorophenol
 Concen: 45.44 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Tot Ion	196	Resp	112594
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.4	116.0
97	53.9	40.9	61.3
132	30.4	23.2	34.8



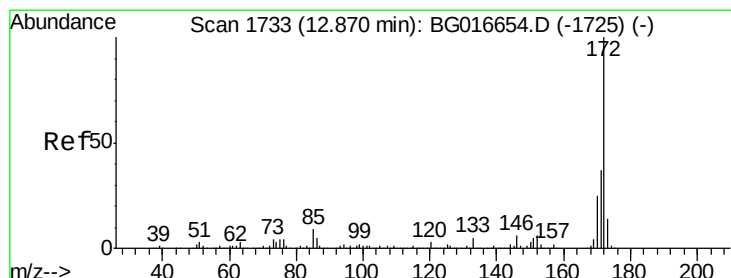
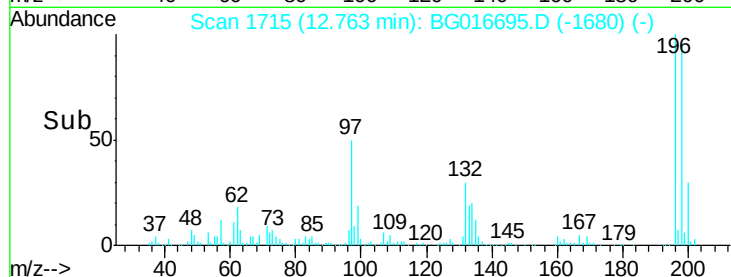
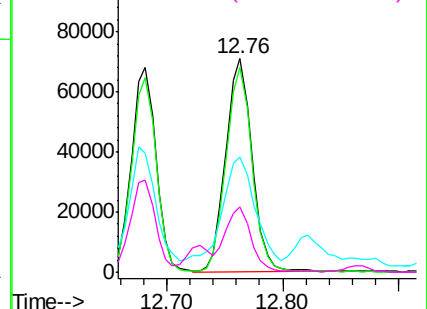
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

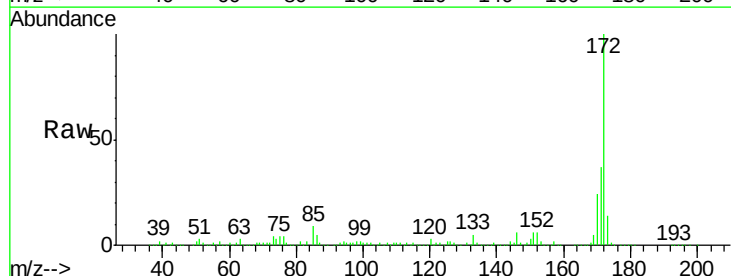
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion	172	Resp	703170
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.9	44.9
170	24.1	19.8	29.8

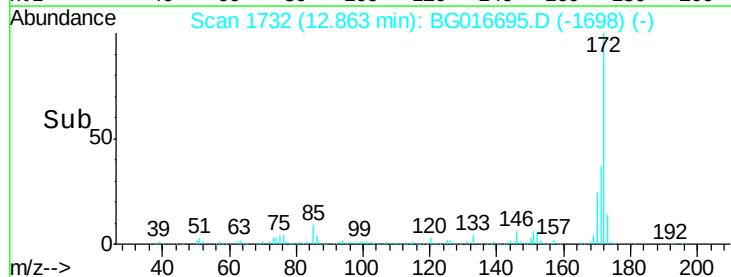
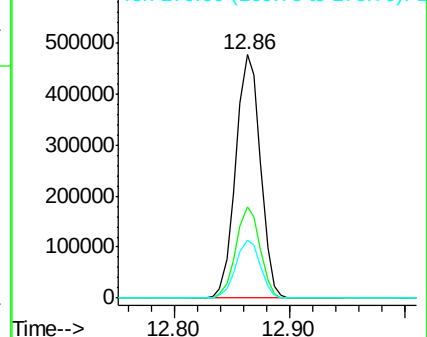


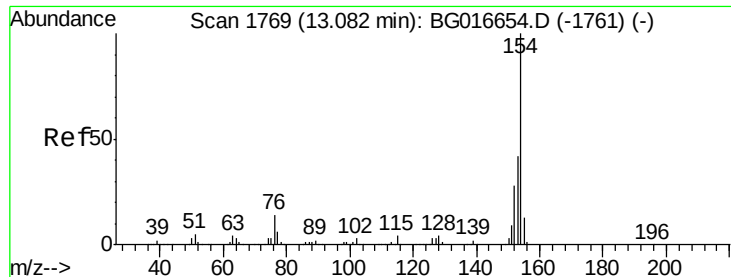
Abundance

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: 41.22 ng

RT: 13.07 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

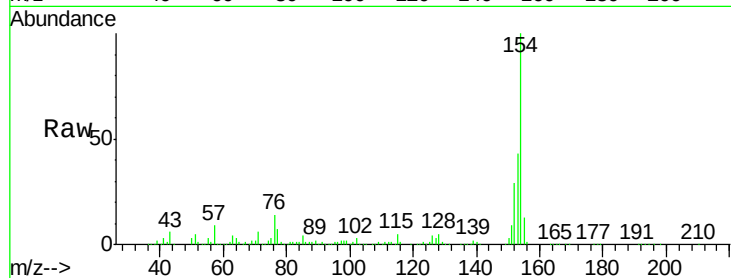
Tot Ion:154 Resp: 435457

Ion Ratio Lower Upper

154 100

153 42.7 21.8 61.8

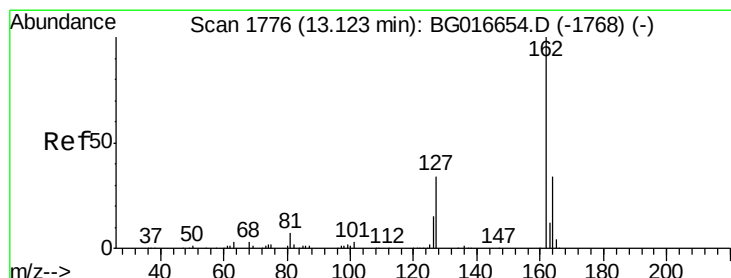
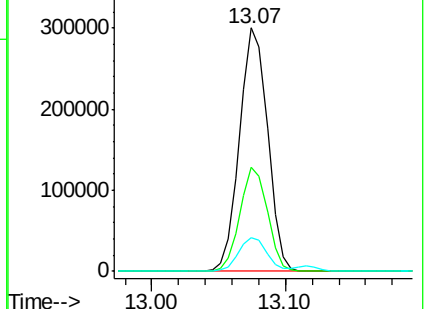
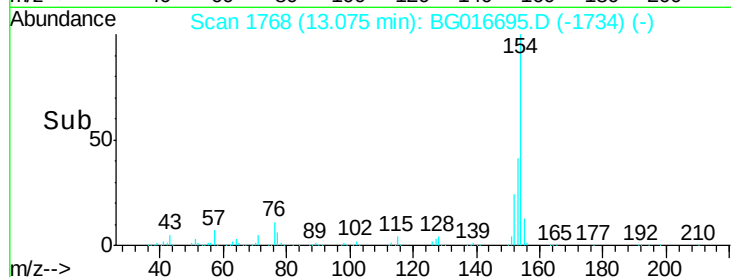
76 13.8 0.0 33.7



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: 40.05 ng

RT: 13.12 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

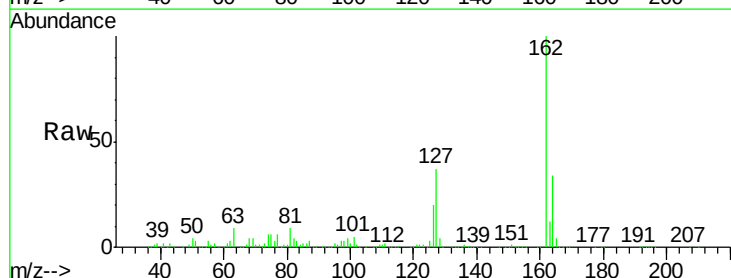
Tgt Ion:162 Resp: 325231

Ion Ratio Lower Upper

162 100

127 37.4 30.4 45.6

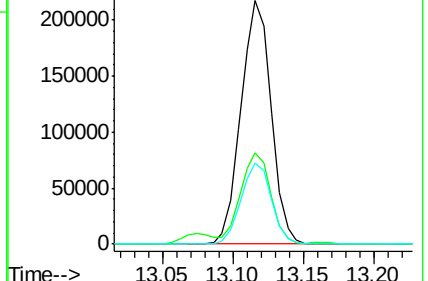
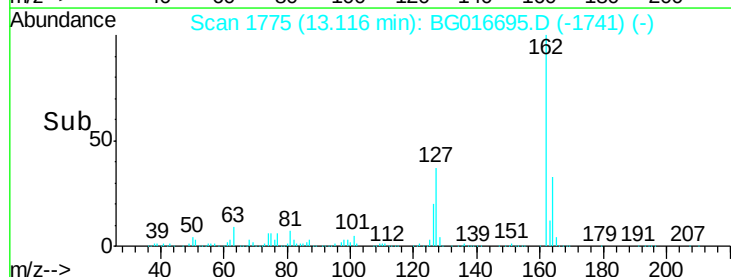
164 33.5 26.9 40.3

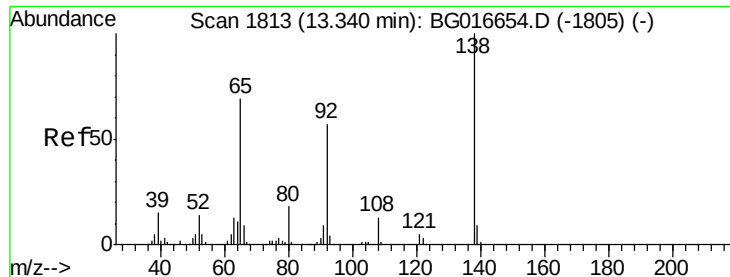


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.80 ng

RT: 13.33 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

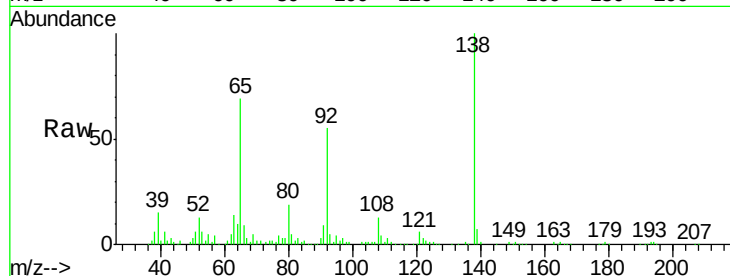
Tot Ion: 65 Resp: 88146

Ion Ratio Lower Upper

65 100

92 80.3 65.9 98.9

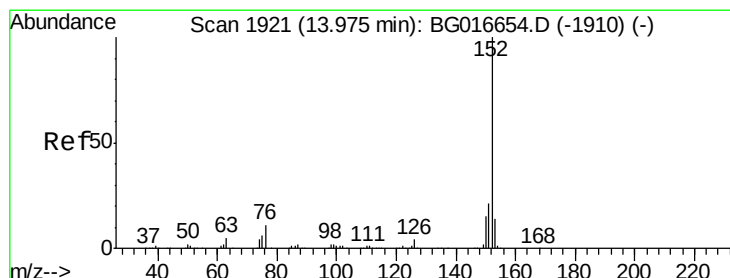
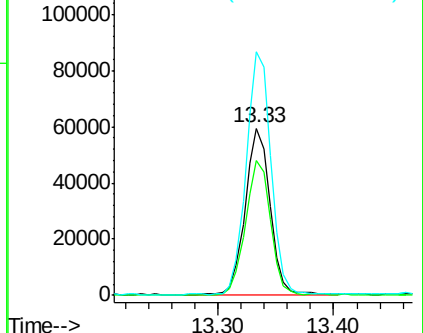
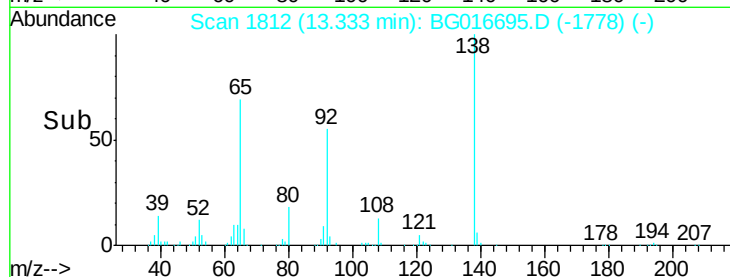
138 145.4 115.4 173.2



Abundance Ion 65.00 (64.70 to 65.70): BG016695.D (-1778) (-)

Ion 92.00 (91.70 to 92.70): BG016695.D (-1778) (-)

Ion 138.00 (137.70 to 138.70): BG016695.D (-1778) (-)



#48

Acenaphthylene

Concen: 39.38 ng

RT: 13.97 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

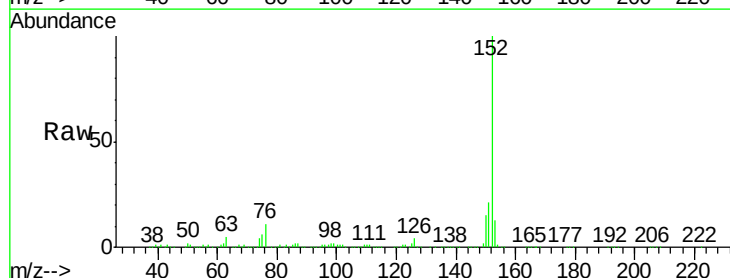
Tgt Ion: 152 Resp: 559990

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

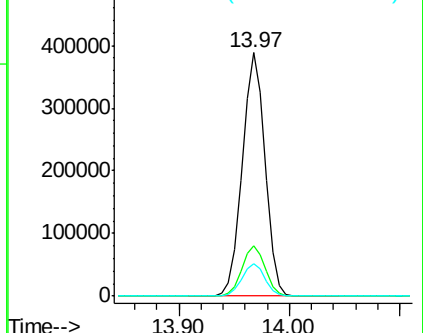
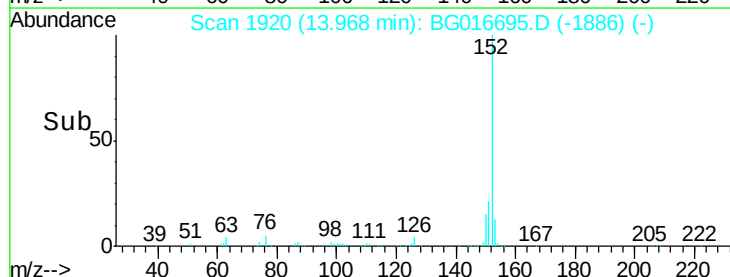
153 13.1 11.0 16.6

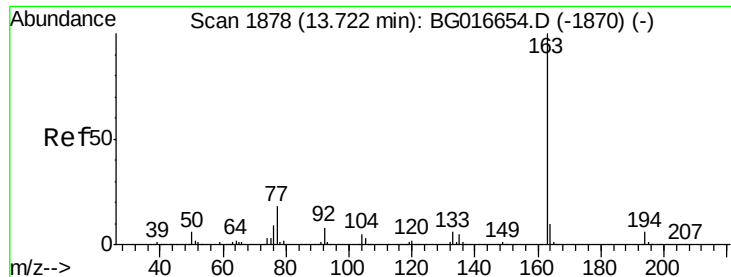


Abundance Ion 152.00 (151.70 to 152.70): BG016695.D (-1886) (-)

Ion 151.00 (150.70 to 151.70): BG016695.D (-1886) (-)

Ion 153.00 (152.70 to 153.70): BG016695.D (-1886) (-)





#49

Dimethylphthalate

Concen: 40.33 ng

RT: 13.72 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

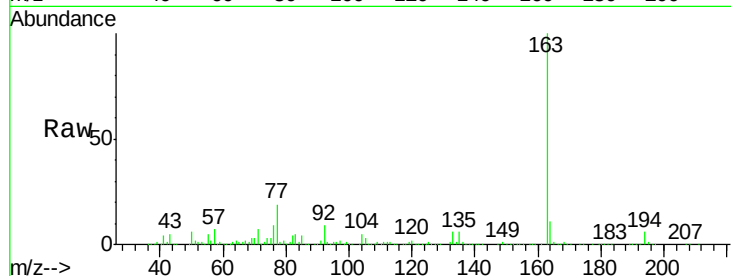
Tot Ion:163 Resp: 405813

Ion Ratio Lower Upper

163 100

194 6.4 5.0 7.4

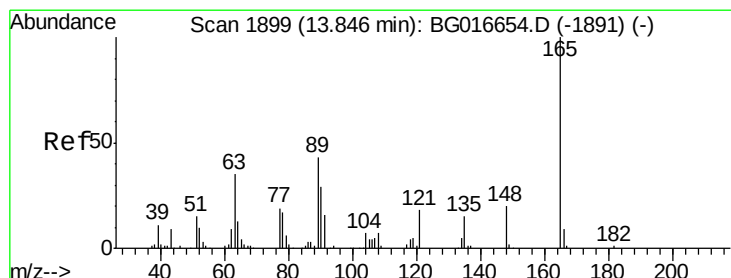
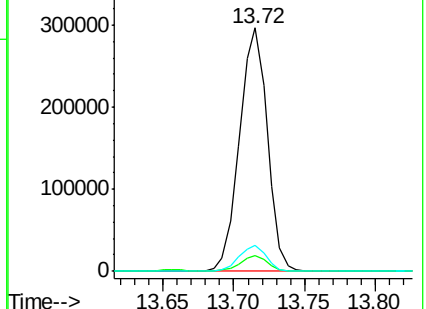
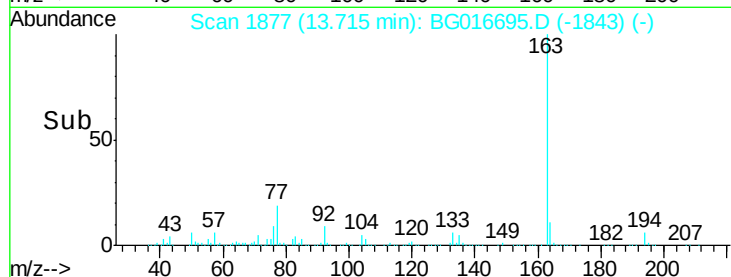
164 10.9 7.8 11.8



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: 39.34 ng

RT: 13.84 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

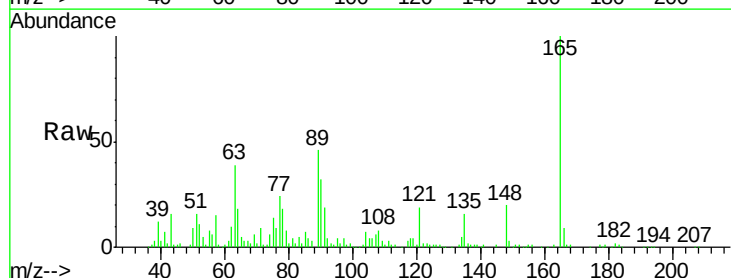
Tgt Ion:165 Resp: 97136

Ion Ratio Lower Upper

165 100

63 38.9 31.5 47.3

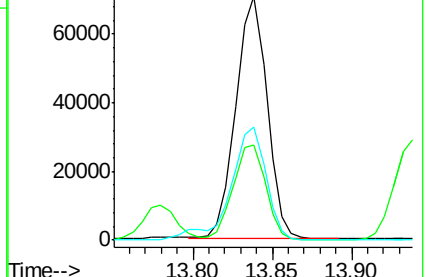
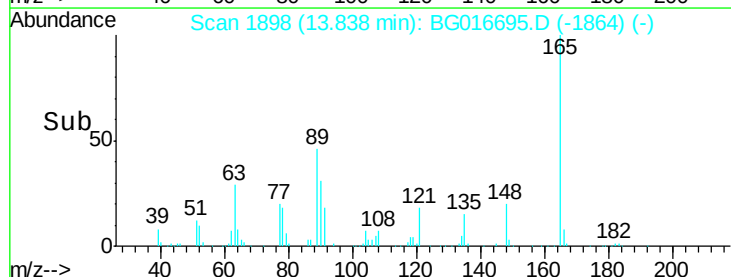
89 46.3 34.7 52.1

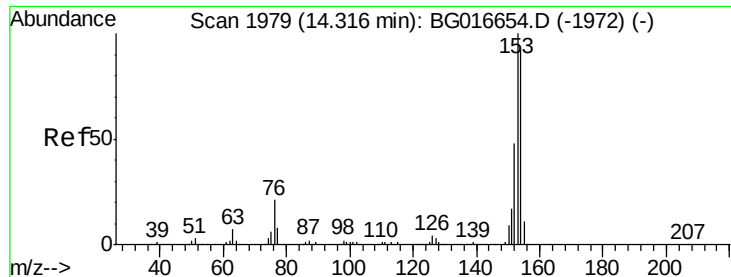


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.69 ng

RT: 14.31 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

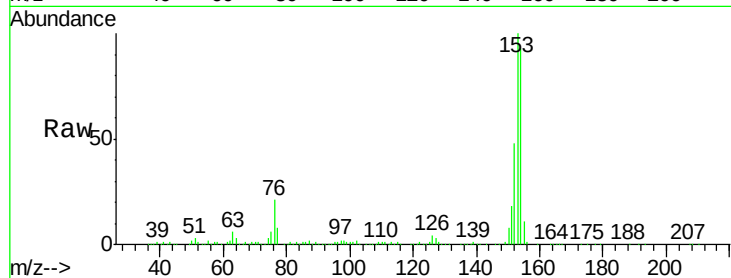
Tot Ion:154 Resp: 338817

Ion Ratio Lower Upper

154 100

153 107.6 87.0 130.6

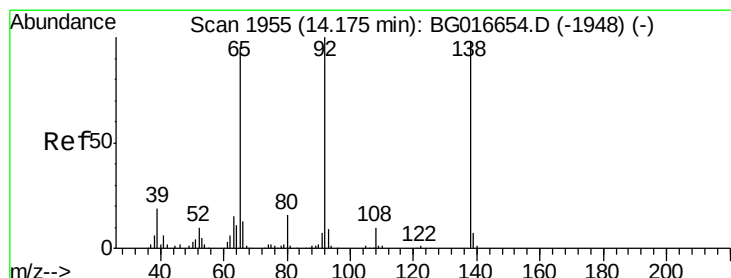
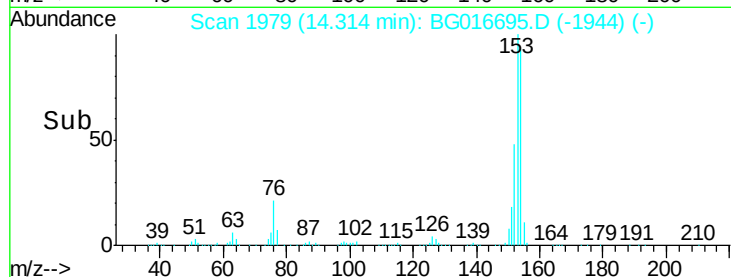
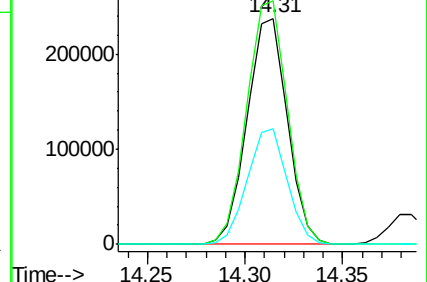
152 51.2 41.6 62.4



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: 18.27 ng

RT: 14.17 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

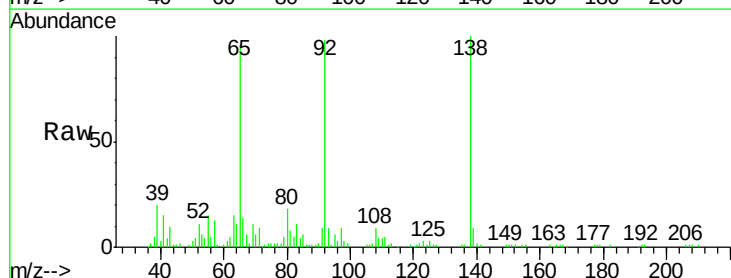
Tgt Ion:138 Resp: 54515

Ion Ratio Lower Upper

138 100

108 8.8 7.8 11.6

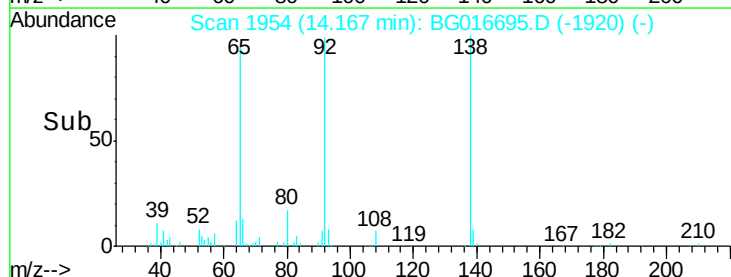
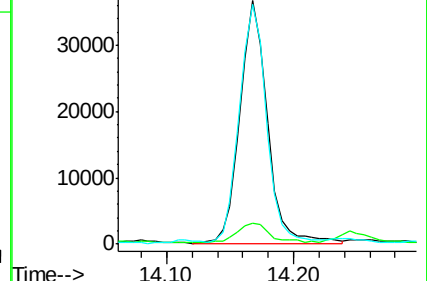
92 98.4 81.9 122.9

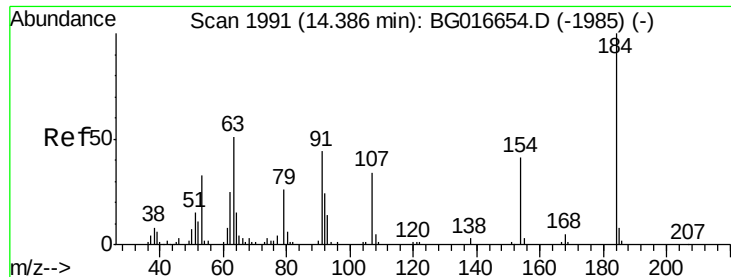


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

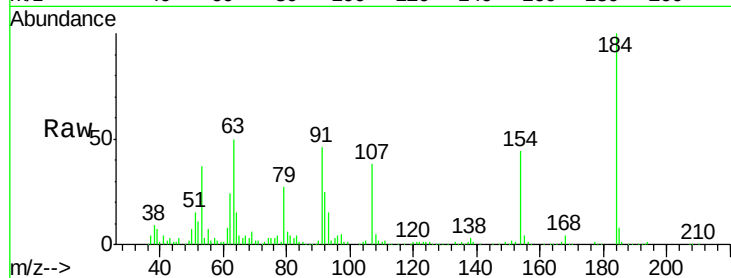




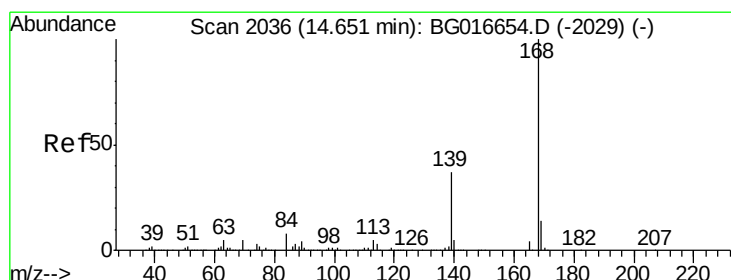
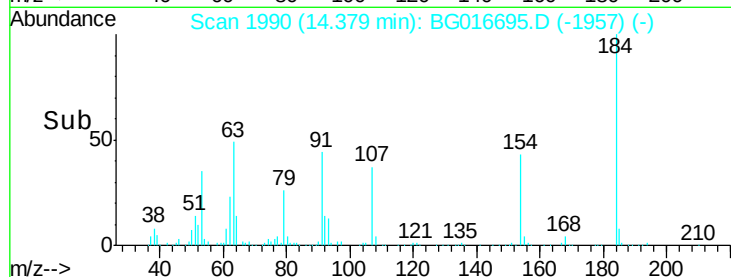
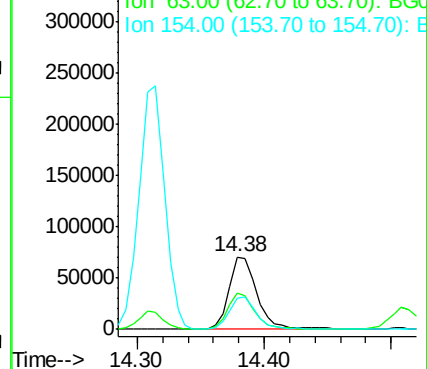
#53
2,4-Dinitrophenol
Concen: 80.39 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

Tot Ion:184 Resp: 107975
Ion Ratio Lower Upper
184 100
63 50.5 40.7 61.1
154 43.9 34.1 51.1

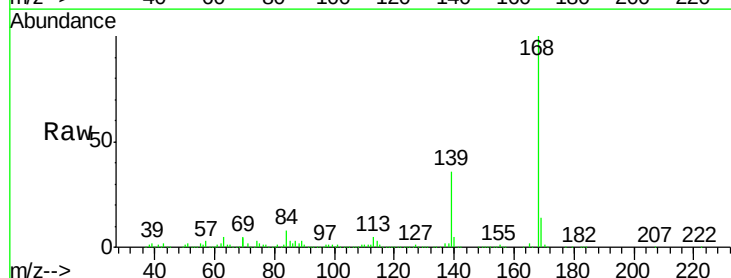


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

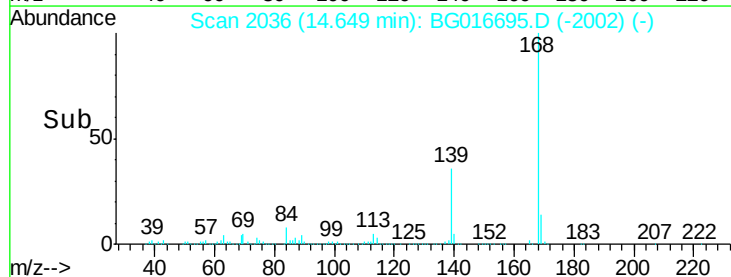
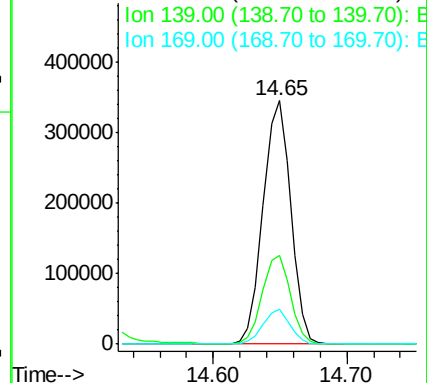


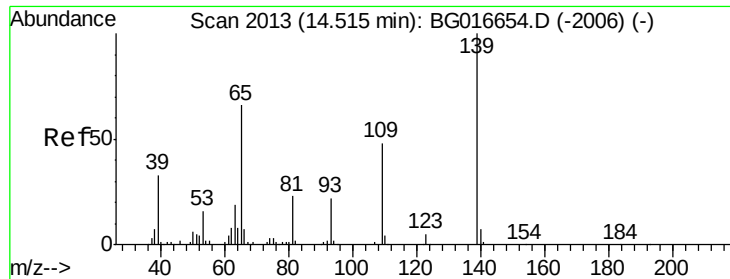
#54
Dibenzofuran
Concen: 41.01 ng
RT: 14.65 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion:168 Resp: 493704
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8
169 14.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

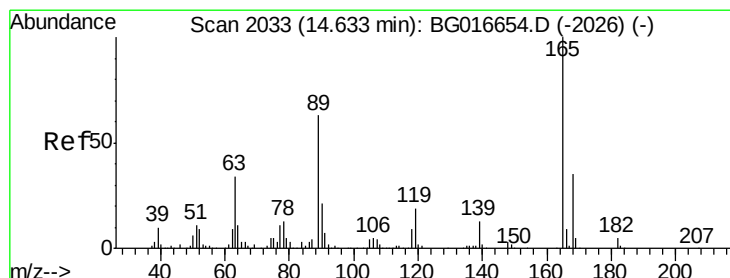
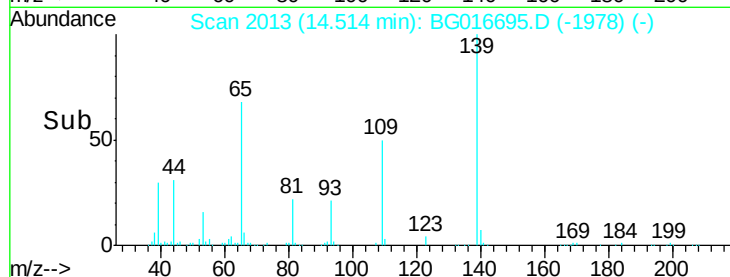
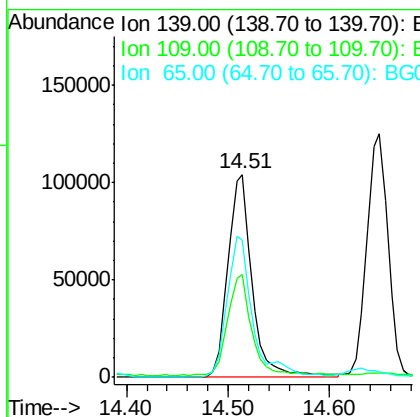
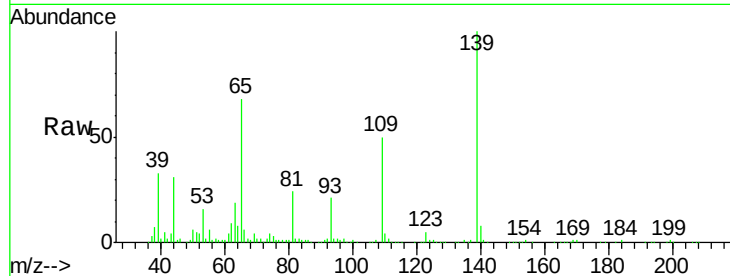




#55
4-Nitrophenol
Concen: 76.72 ng
RT: 14.51 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

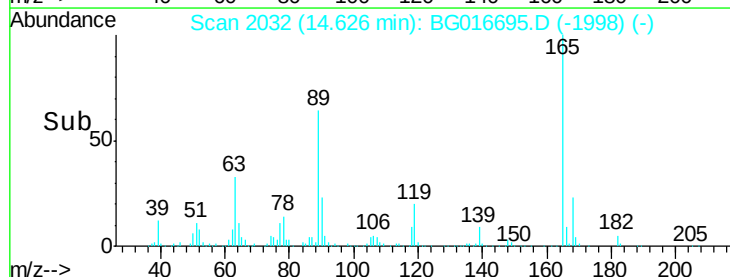
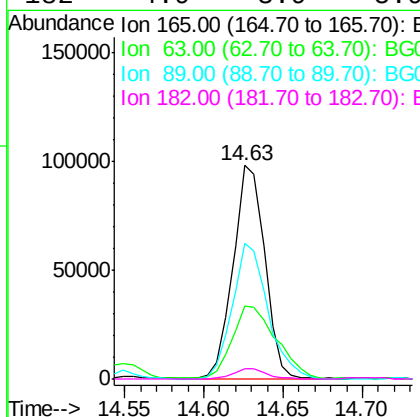
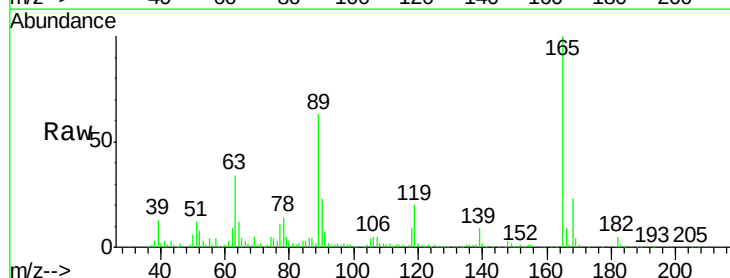
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

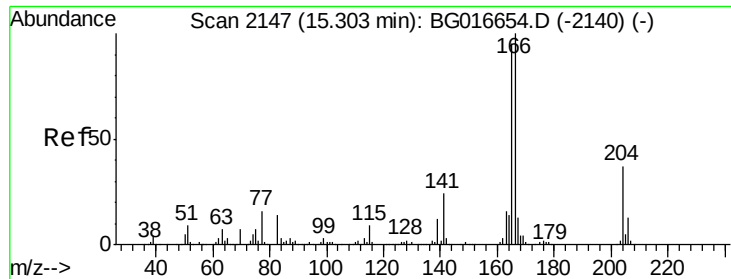
Tot Ion	Ratio	Lower	Upper
139	100		
109	50.5	27.8	67.8
65	67.6	46.3	86.3



#56
2,4-Dinitrotoluene
Concen: 39.90 ng
RT: 14.63 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.2	27.4	41.0
89	63.4	50.6	75.8
182	4.9	3.9	5.9





#57

Fluorene

Concen: 40.80 ng

RT: 15.30 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

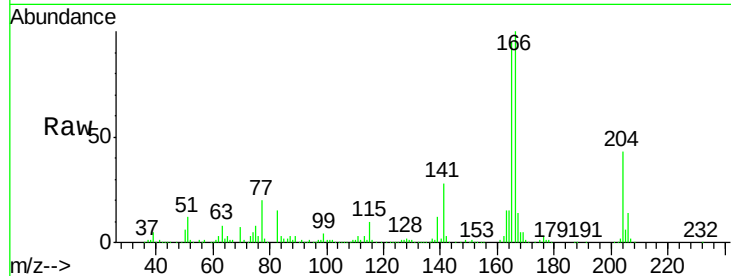
Tot Ion:166 Resp: 429347

Ion Ratio Lower Upper

166 100

165 94.6 75.6 113.4

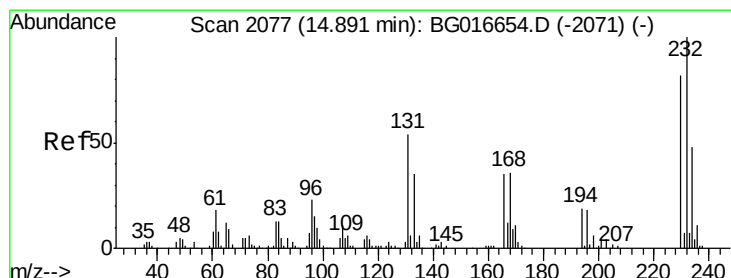
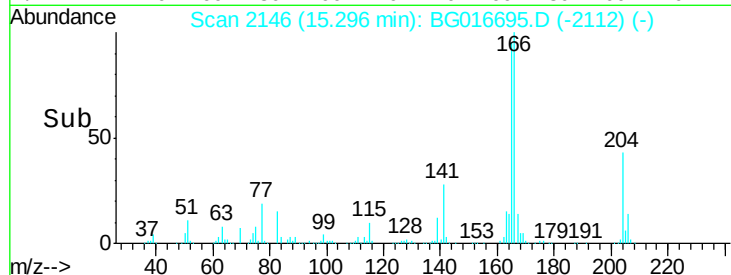
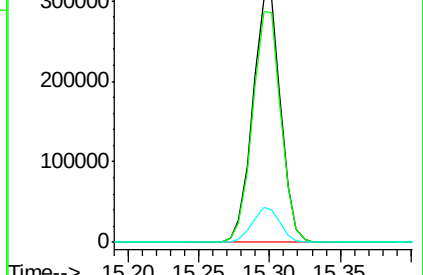
167 14.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.12 ng

RT: 14.88 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Tgt Ion:232 Resp: 82721

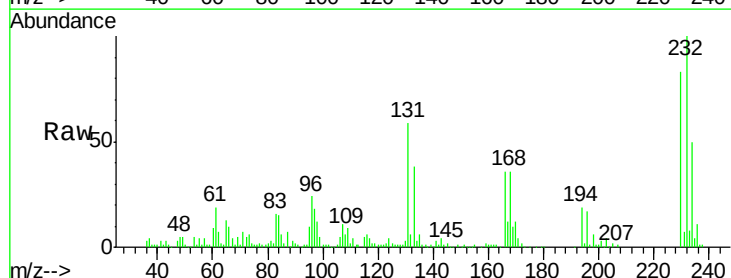
Ion Ratio Lower Upper

232 100

131 56.2 43.9 65.9

130 2.9 2.4 3.6

166 37.6 29.5 44.3

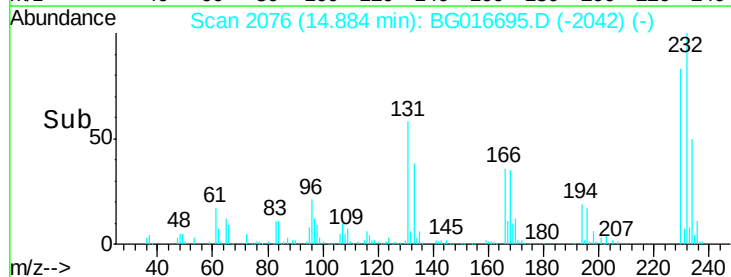
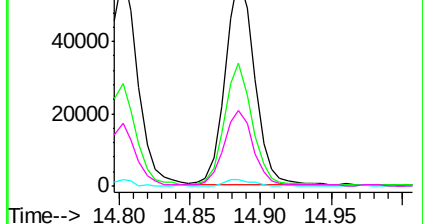


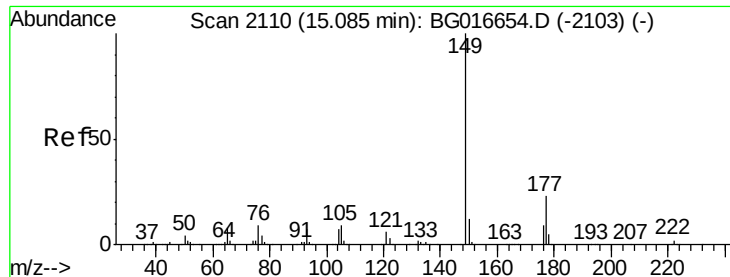
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

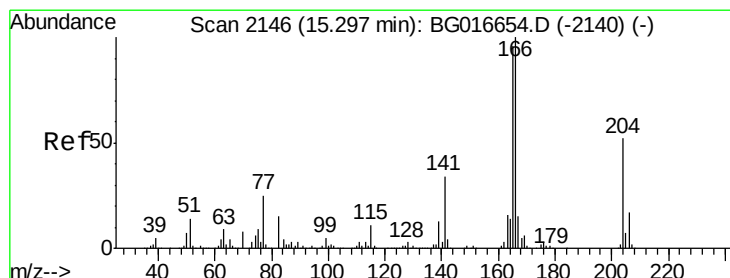
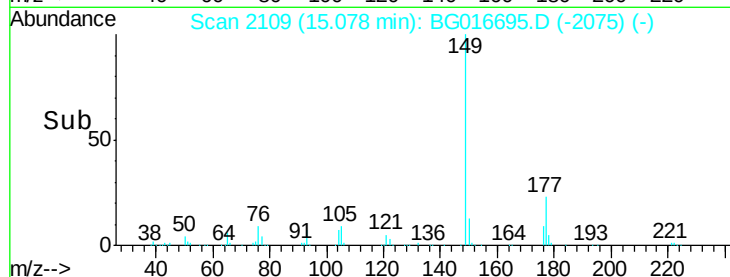
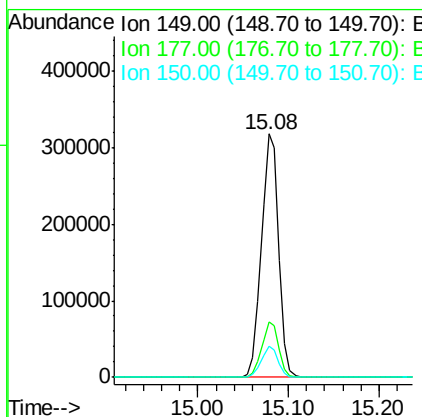
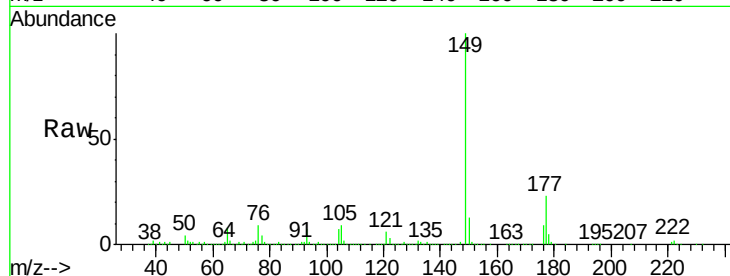




#59
Diethylphthalate
Concen: 39.70 ng
RT: 15.08 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

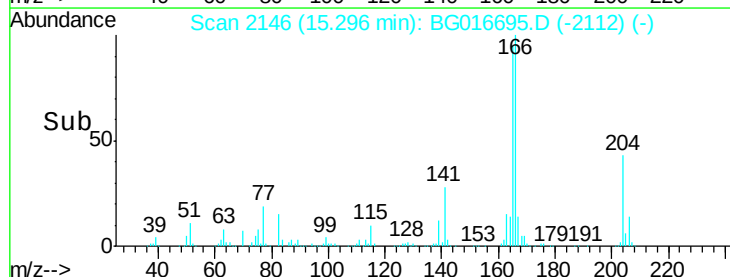
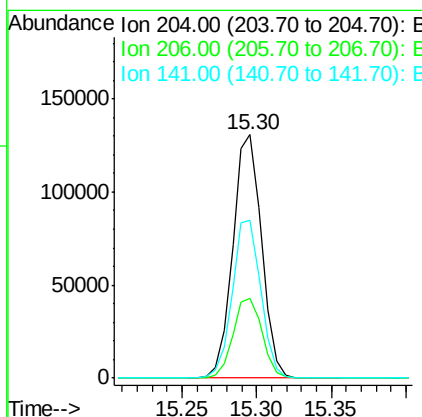
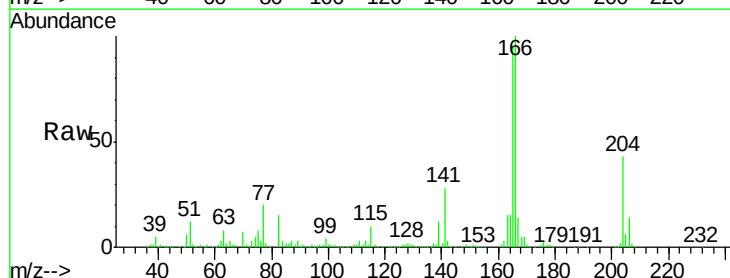
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

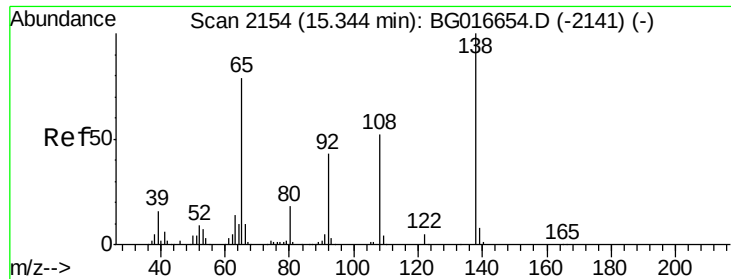
Tot Ion:149 Resp: 416298
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.02 ng
RT: 15.30 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion:204 Resp: 175882
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 65.0 52.3 78.5

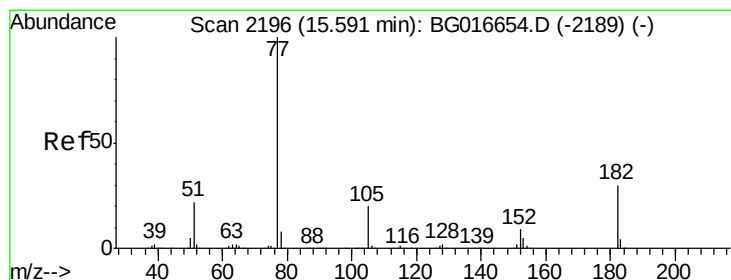
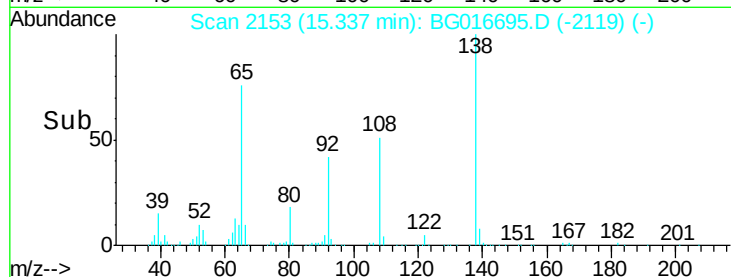
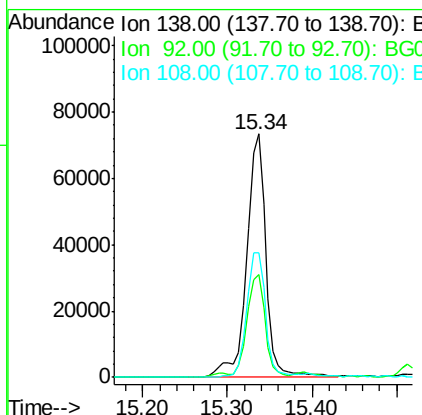
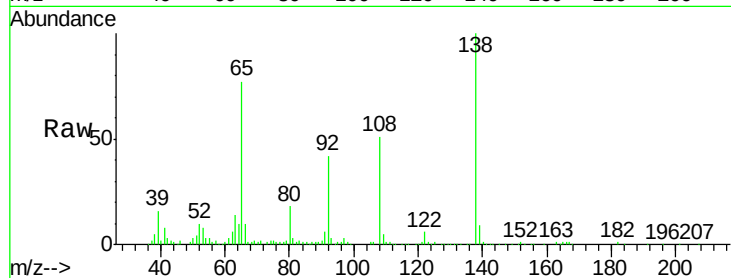




#61
4-Nitroaniline
Concen: 35.72 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

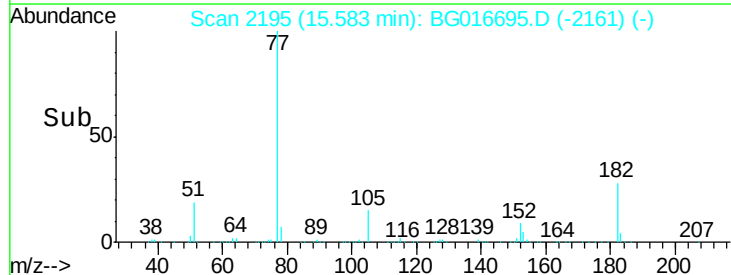
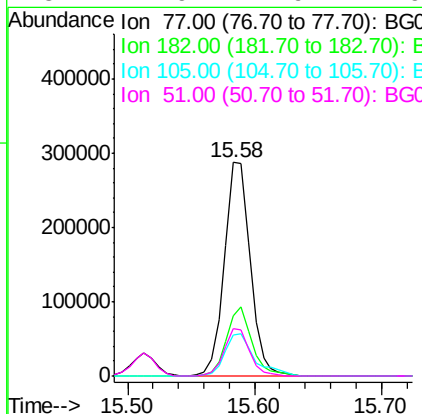
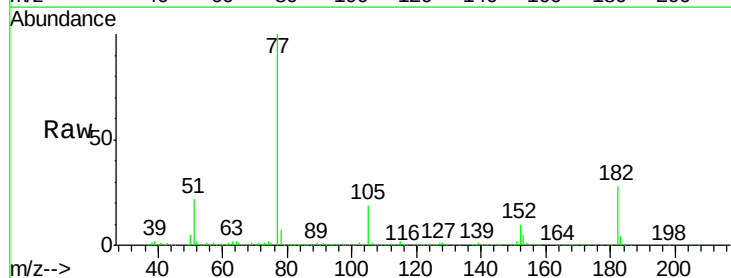
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

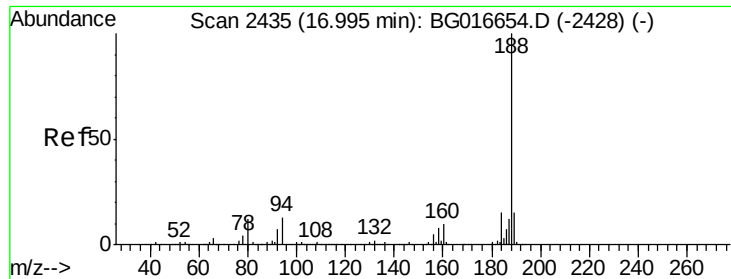
Tot Ion:138 Resp: 117919
Ion Ratio Lower Upper
138 100
92 42.1 23.1 63.1
108 51.0 31.7 71.7



#62
Azobenzene
Concen: 42.11 ng
RT: 15.58 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion: 77 Resp: 403312
Ion Ratio Lower Upper
77 100
182 28.0 9.8 49.8
105 18.9 0.0 39.5
51 21.9 1.9 41.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

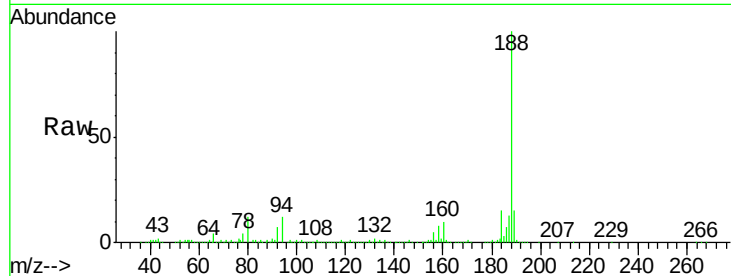
Tot Ion:188 Resp: 277090

Ion Ratio Lower Upper

188 100

94 12.3 10.7 16.1

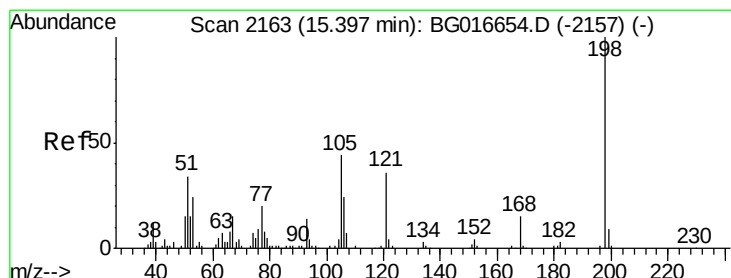
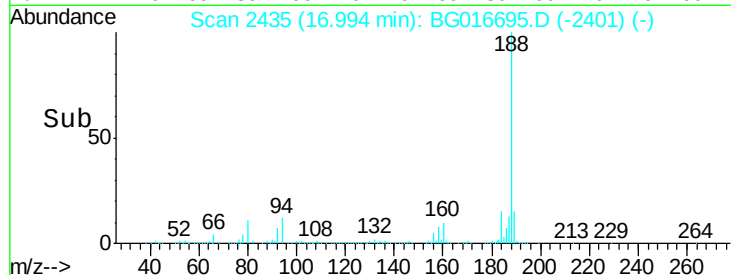
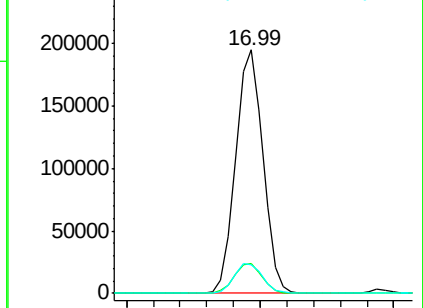
80 11.5 9.9 14.9



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: 39.67 ng

RT: 15.40 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

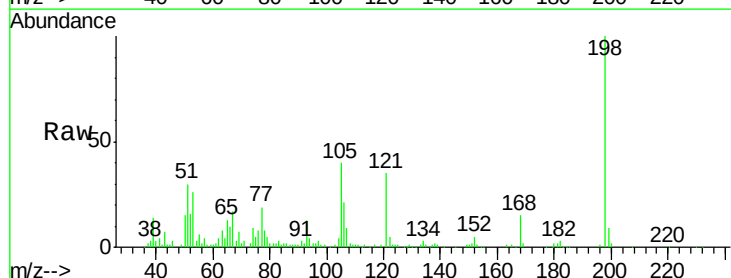
Tgt Ion:198 Resp: 74381

Ion Ratio Lower Upper

198 100

51 29.9 14.9 54.9

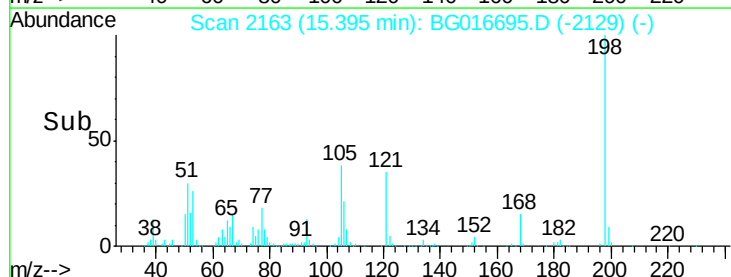
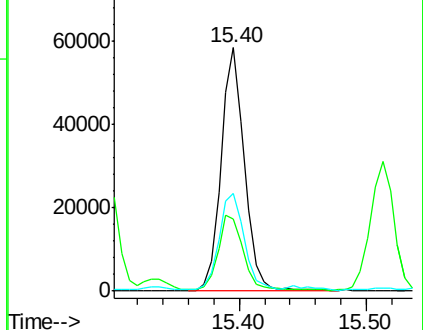
105 40.2 24.6 64.6

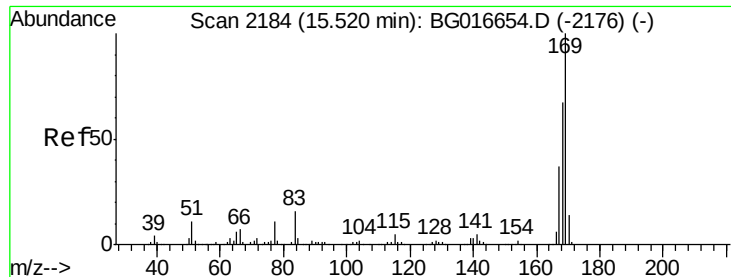


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

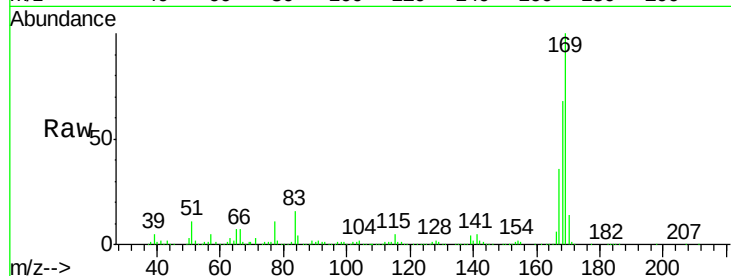




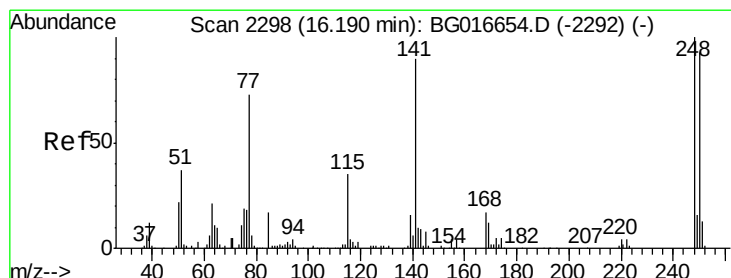
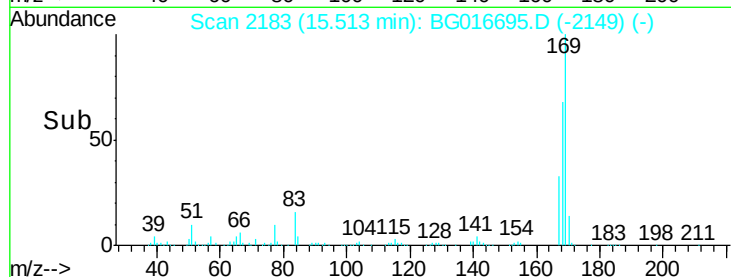
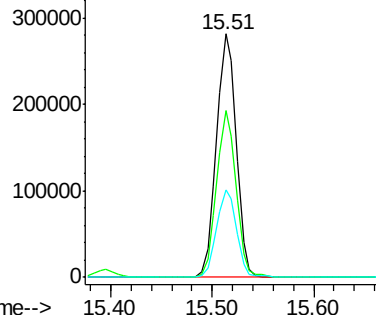
#65
 n-Nitrosodiphenylamine
 Concen: 40.21 ng
 RT: 15.51 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Tot Ion:169 Resp: 381987
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.6 80.4
 167 36.1 29.4 44.0

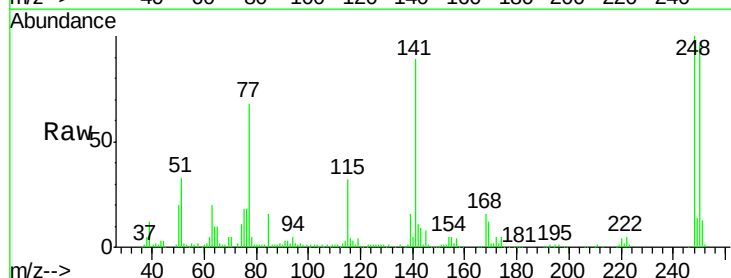


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

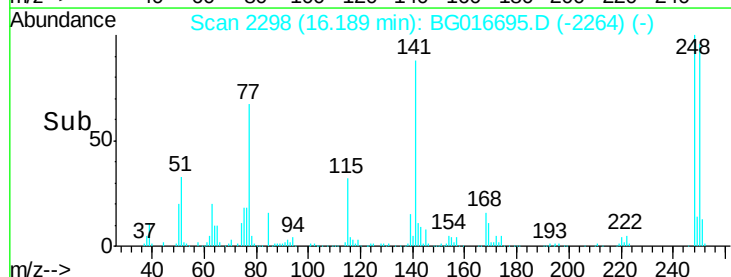
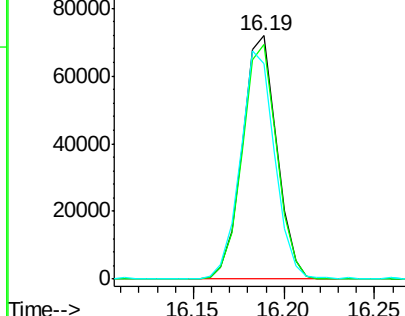


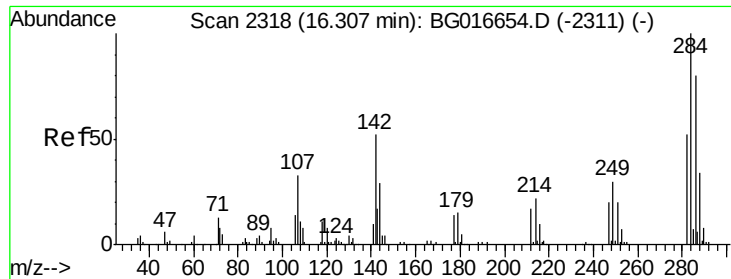
#66
 4-Bromophenyl-phenylether
 Concen: 41.01 ng
 RT: 16.19 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:248 Resp: 94948
 Ion Ratio Lower Upper
 248 100
 250 96.4 74.8 112.2
 141 88.5 72.0 108.0



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

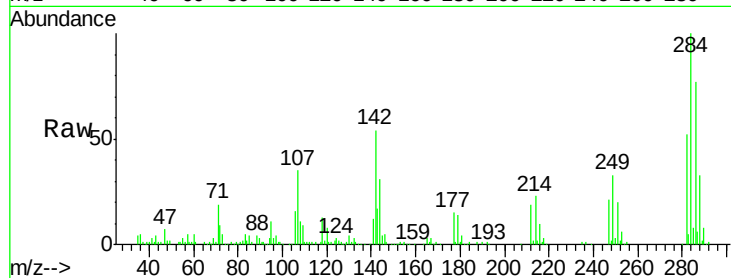




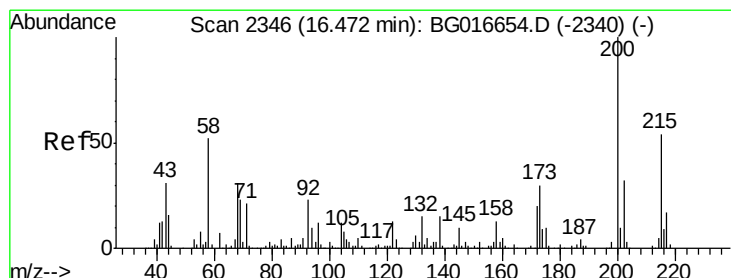
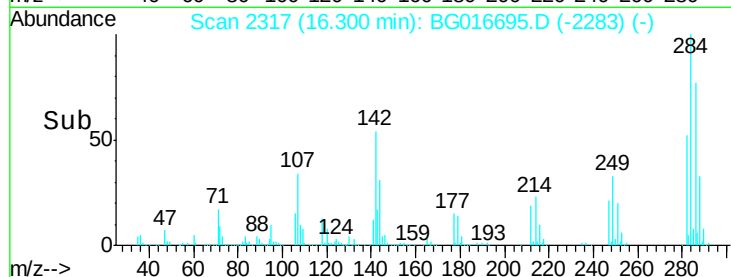
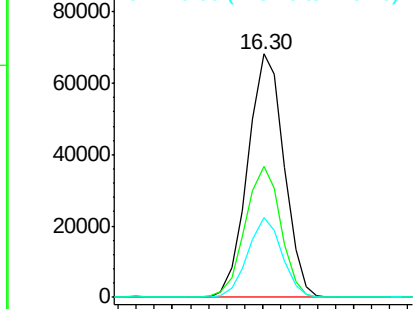
#67
Hexachlorobenzene
Concen: 39.74 ng
RT: 16.30 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	53.8	41.5	62.3
249	32.6	24.2	36.4

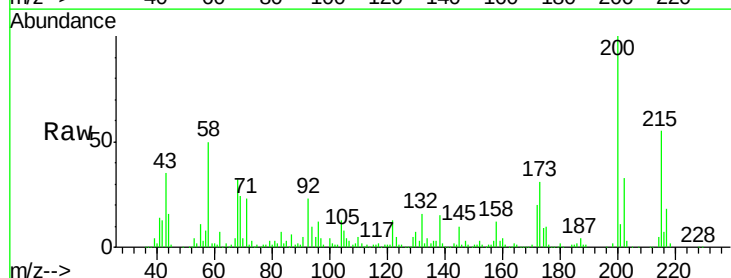


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

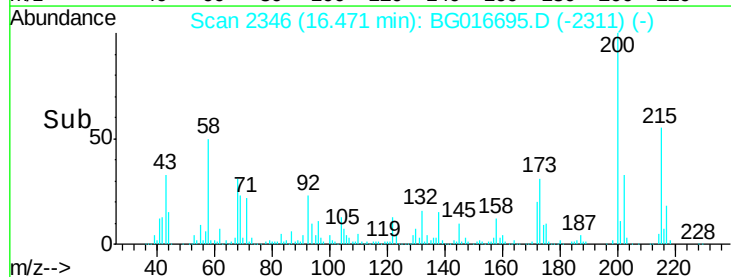
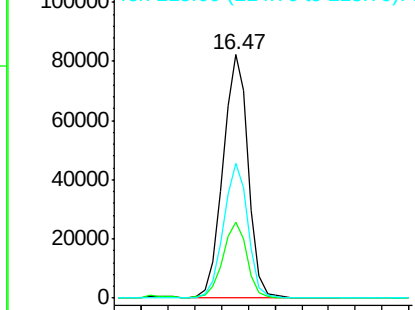


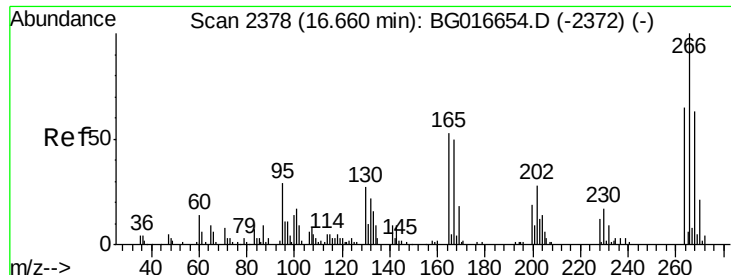
#68
Atrazine
Concen: 42.86 ng
RT: 16.47 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.3	9.8	49.8
215	55.3	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

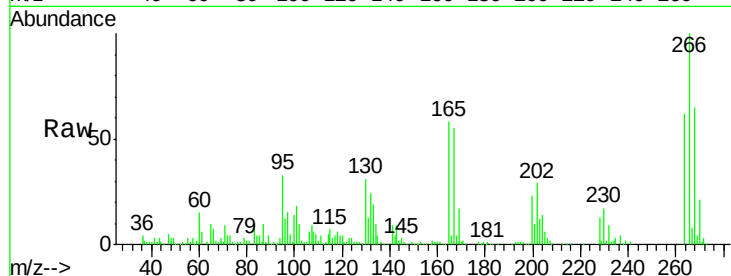




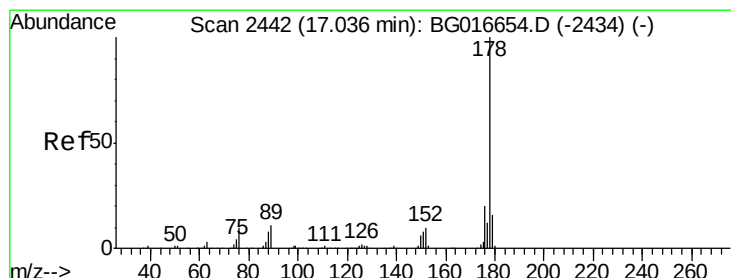
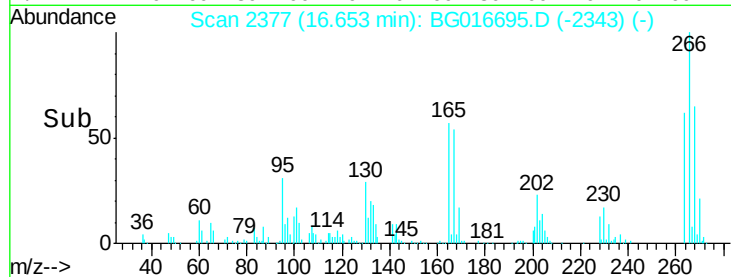
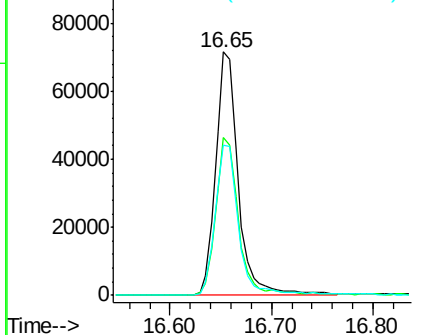
#69
 Pentachlorophenol
 Concen: 96.03 ng
 RT: 16.65 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Tot Ion:266 Resp: 111042
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.6 76.0
 264 61.8 51.8 77.6

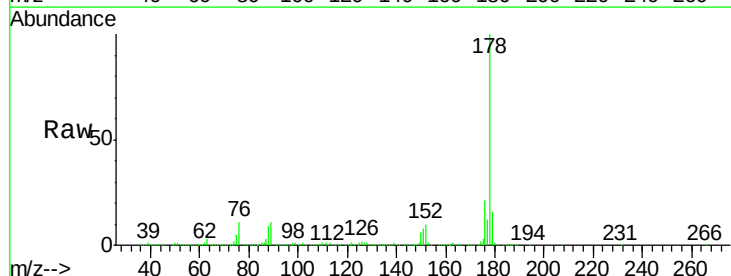


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

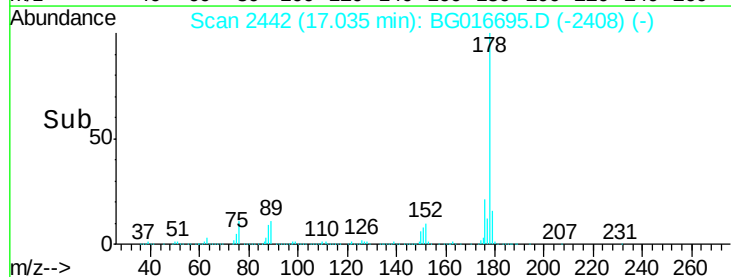
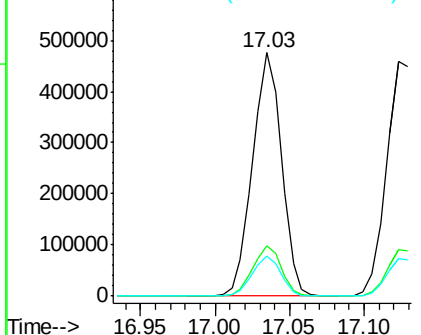


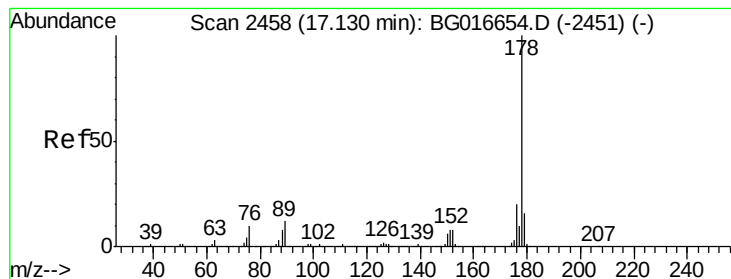
#70
 Phenanthrene
 Concen: 40.11 ng
 RT: 17.03 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:178 Resp: 638453
 Ion Ratio Lower Upper
 178 100
 176 20.8 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: 40.85 ng

RT: 17.12 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

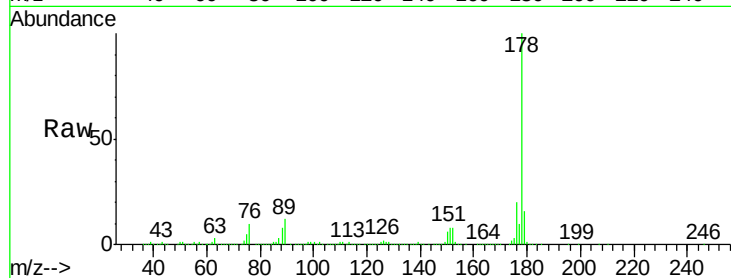
Tot Ion:178 Resp: 646763

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

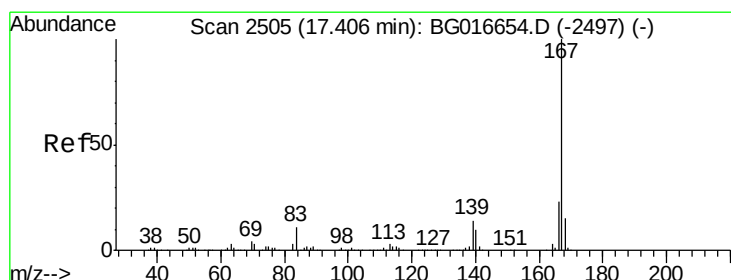
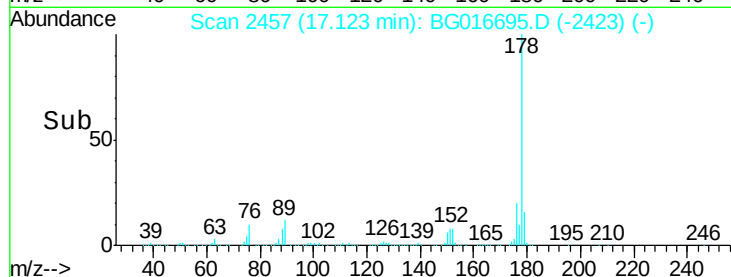
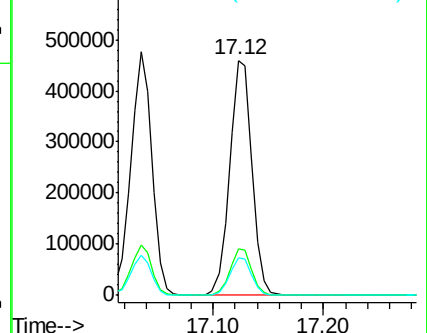
179 16.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.85 ng

RT: 17.40 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

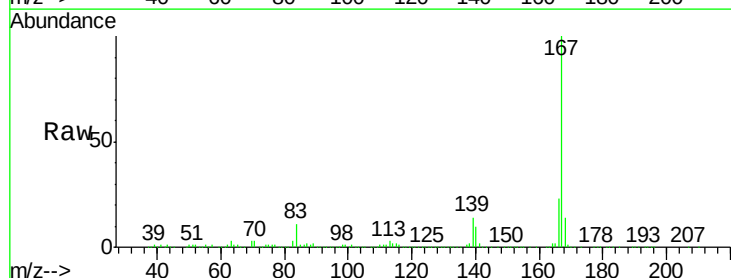
Tgt Ion:167 Resp: 663891

Ion Ratio Lower Upper

167 100

166 22.7 18.4 27.6

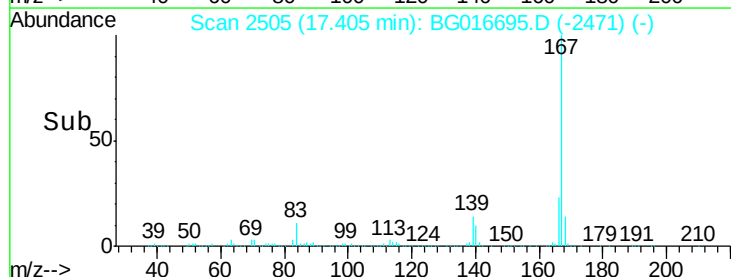
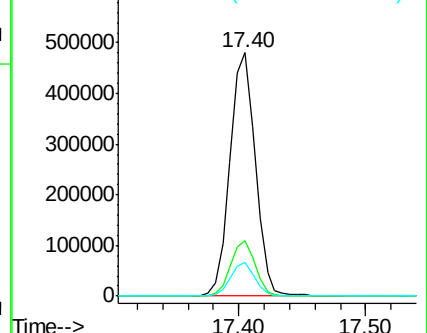
139 13.6 11.1 16.7

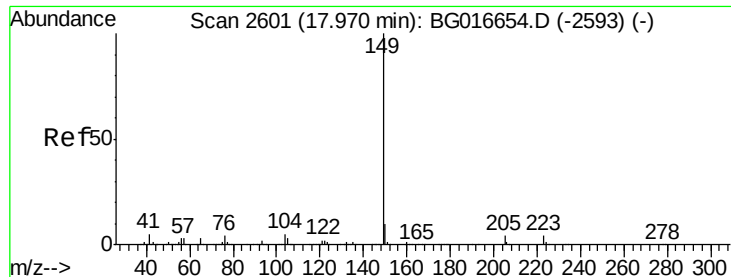


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.39 ng

RT: 17.96 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

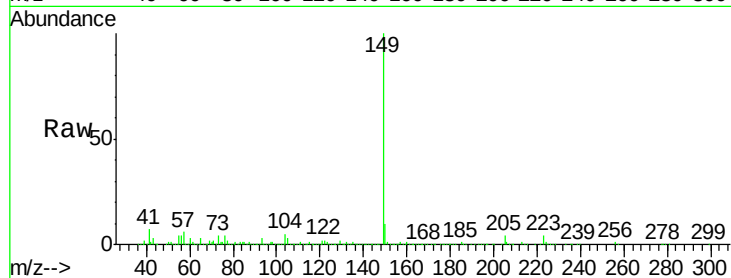
Tot Ion:149 Resp: 801419

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

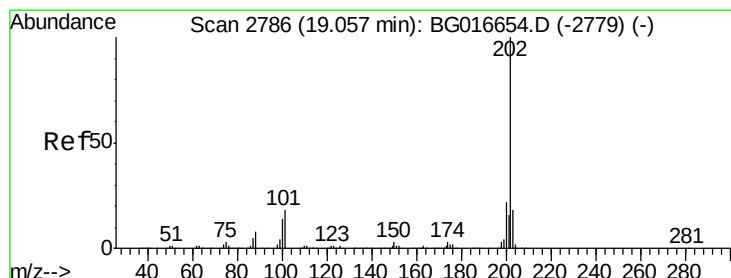
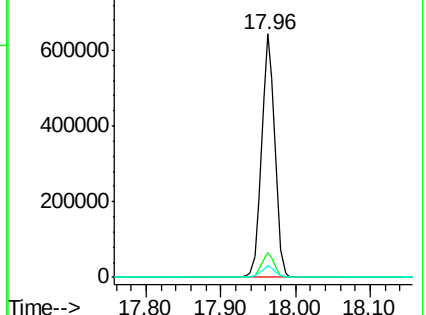
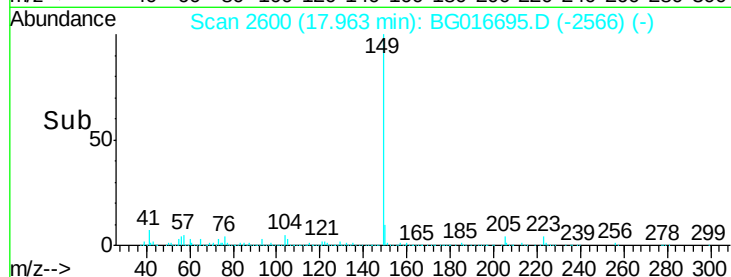
104 4.9 3.6 5.4



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: 37.90 ng

RT: 19.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

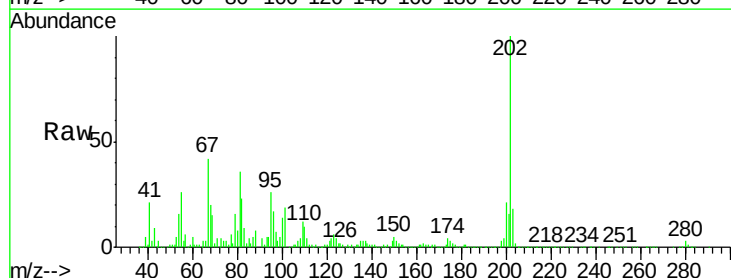
Tgt Ion:202 Resp: 639217

Ion Ratio Lower Upper

202 100

101 19.0 0.0 38.1

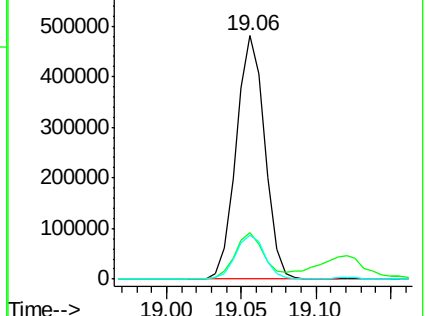
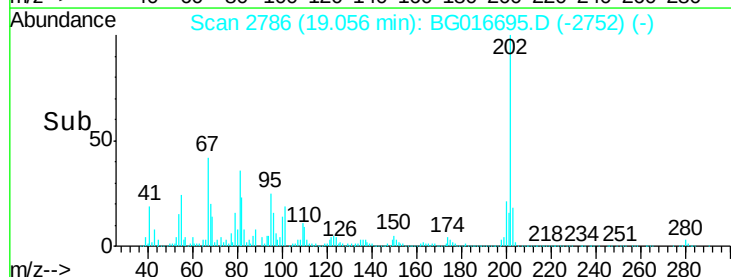
203 18.3 0.0 38.4

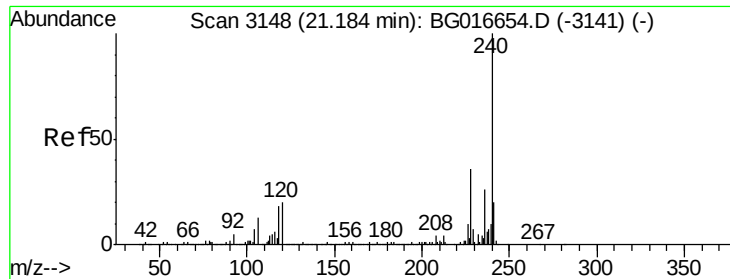


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

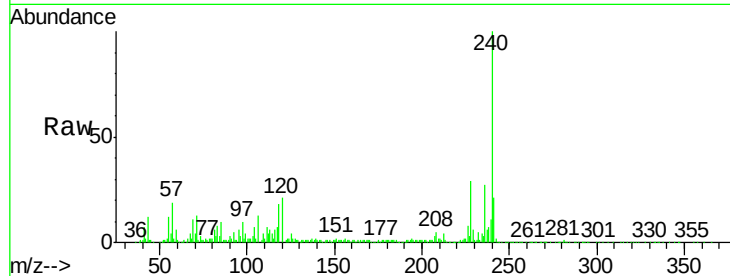
Tot Ion:240 Resp: 243280

Ion Ratio Lower Upper

240 100

120 21.1 16.3 24.5

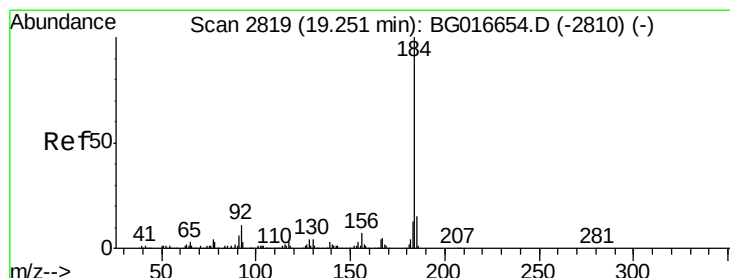
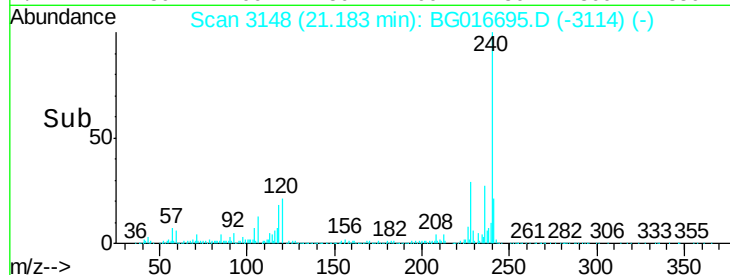
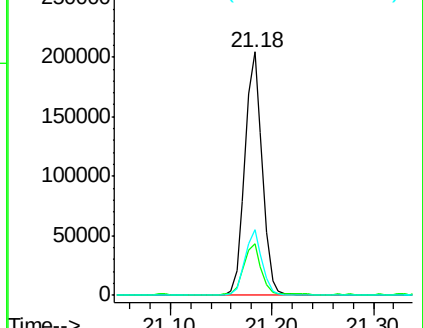
236 26.8 21.1 31.7



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: 11.07 ng

RT: 19.26 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

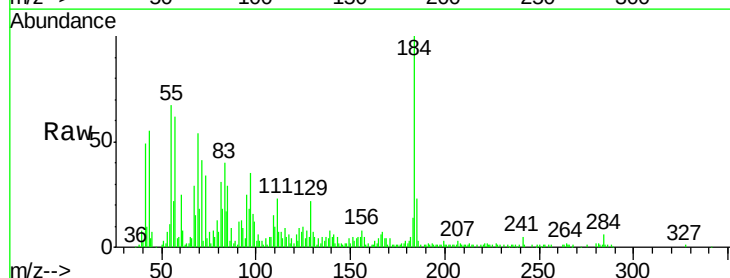
Tgt Ion:184 Resp: 91713

Ion Ratio Lower Upper

184 100

185 23.3 12.3 18.5#

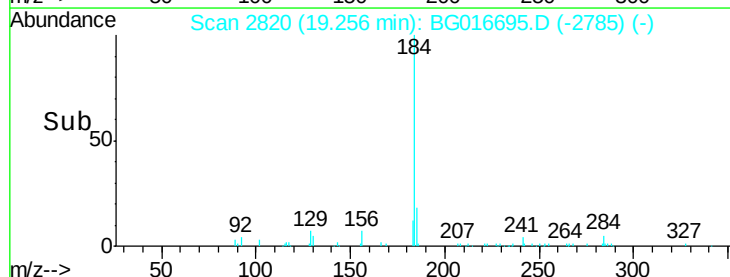
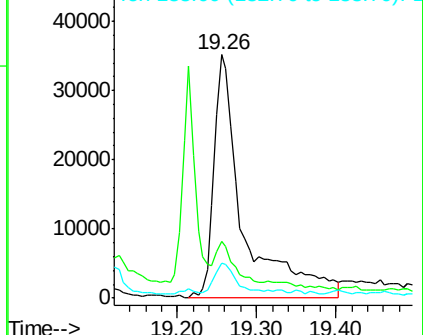
183 14.3 10.1 15.1

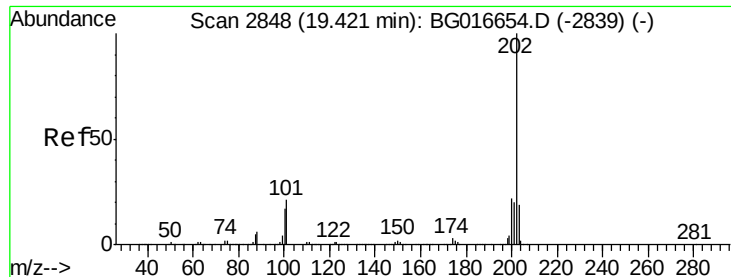


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.59 ng

RT: 19.42 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

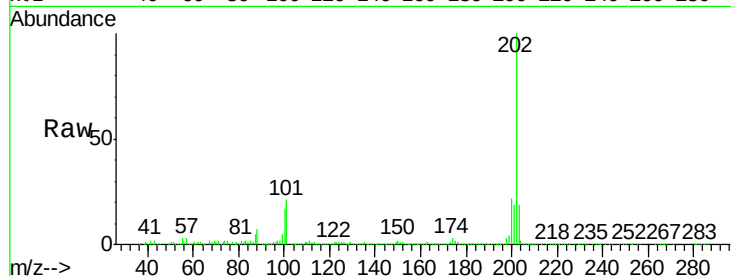
Tot Ion:202 Resp: 693731

Ion Ratio Lower Upper

202 100

200 22.4 18.0 27.0

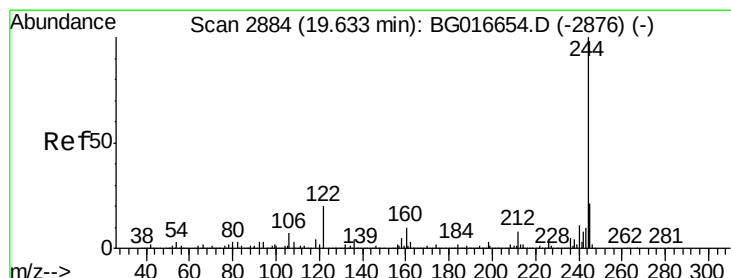
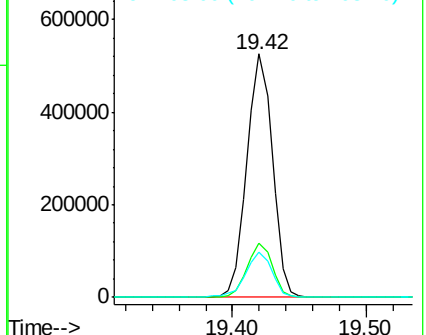
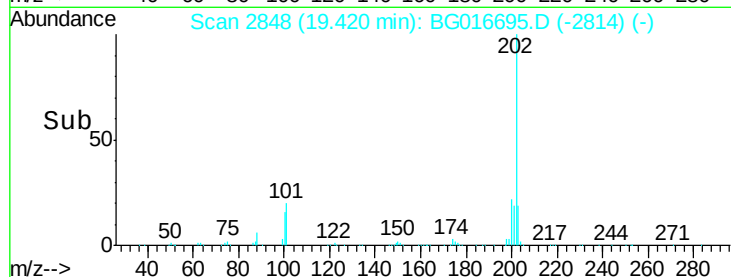
203 18.7 14.9 22.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.26 ng

RT: 19.63 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

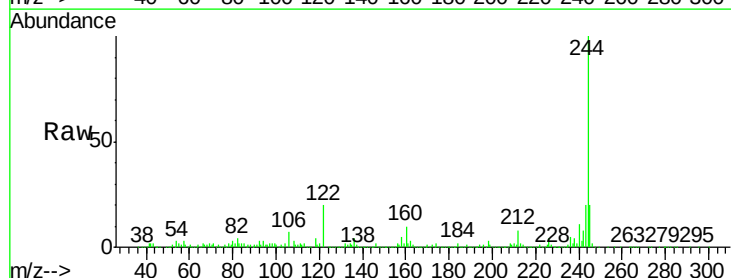
Tgt Ion:244 Resp: 815990

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

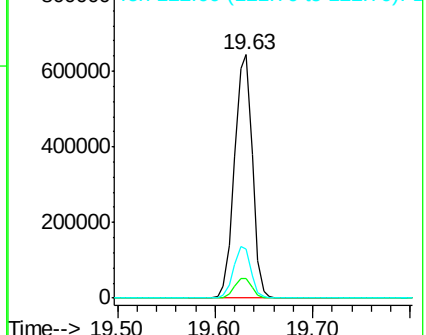
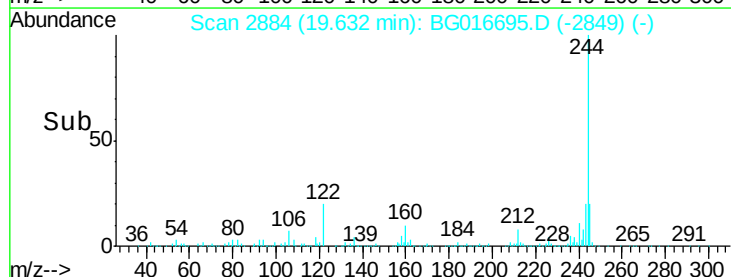
122 20.2 15.9 23.9

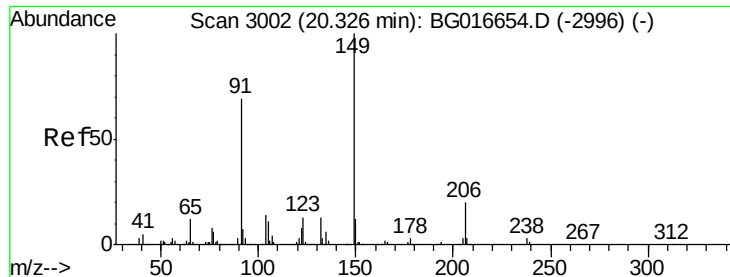


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

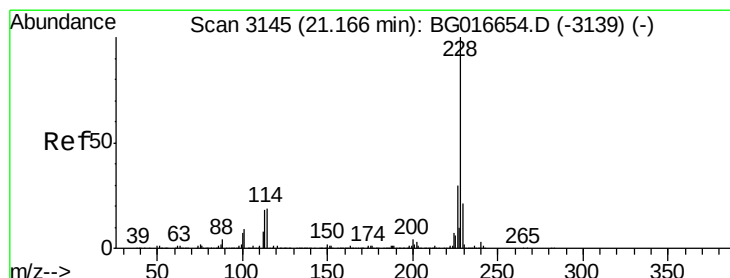
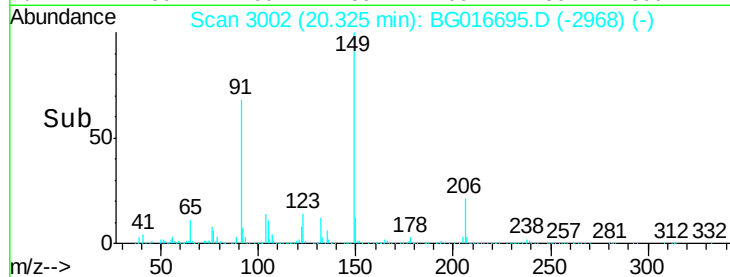
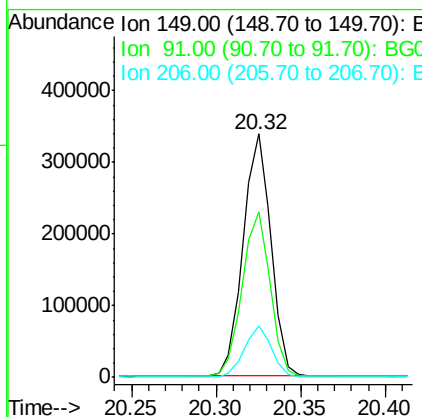
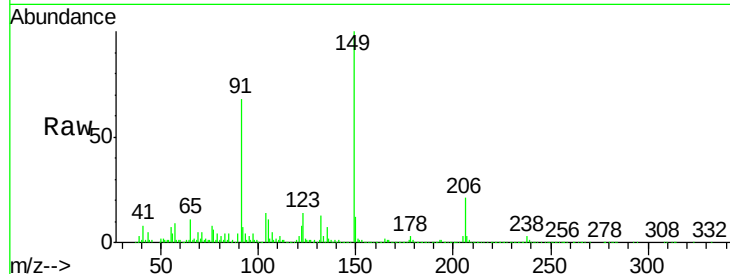




#79
Butylbenzylphthalate
Concen: 46.14 ng
RT: 20.32 min Scan# 3002
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

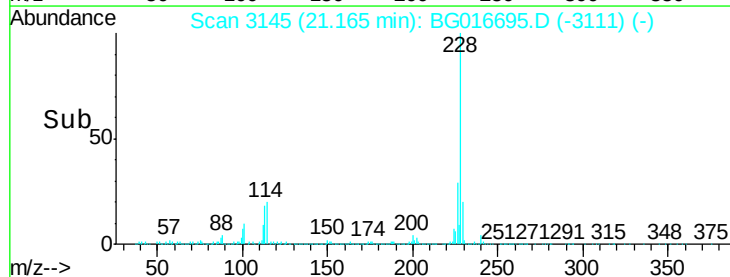
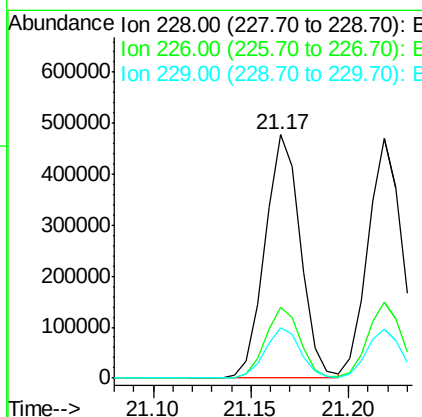
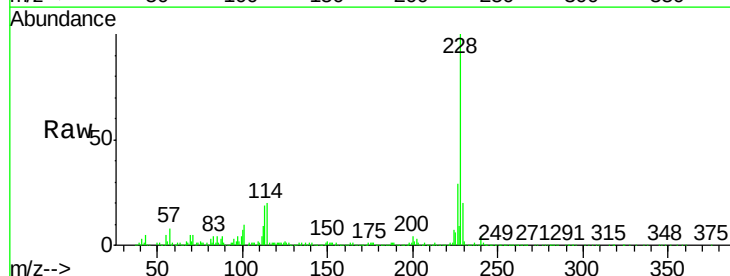
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

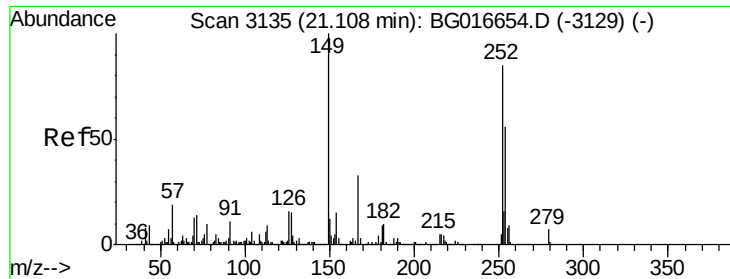
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	55.4	83.0
206	21.2	16.4	24.6



#80
Benzo(a)anthracene
Concen: 40.58 ng
RT: 21.17 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	20.5	17.0	25.4

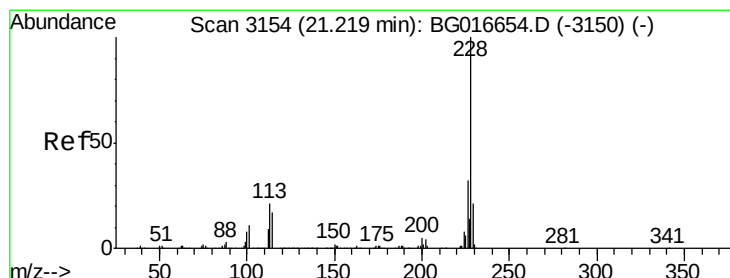
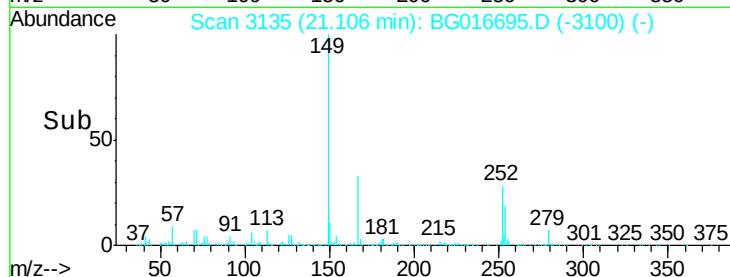
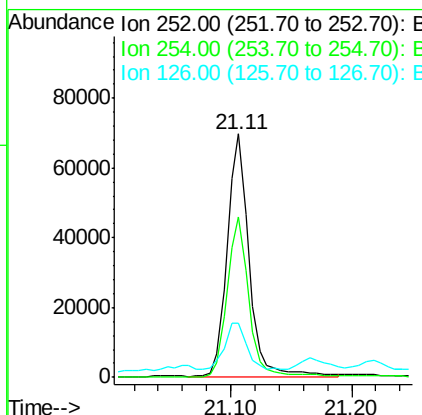
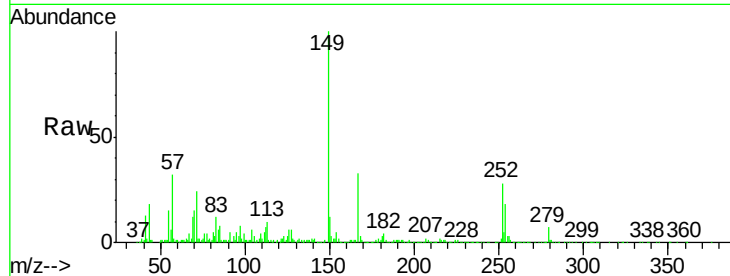




#81
 3,3'-Dichlorobenzidine
 Concen: 18.08 ng
 RT: 21.11 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

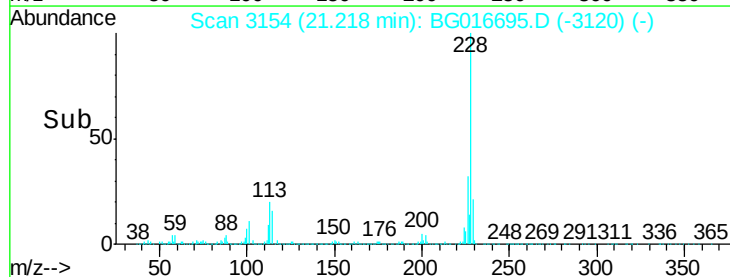
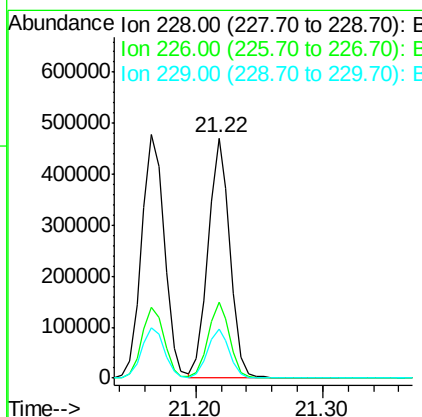
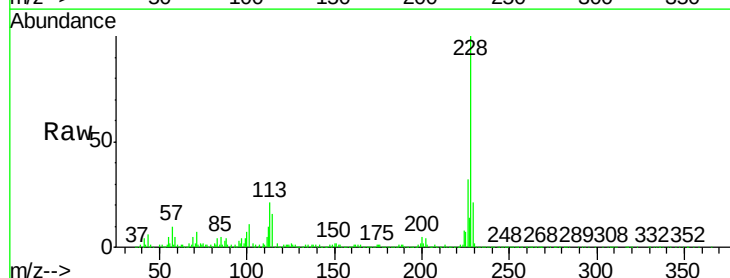
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

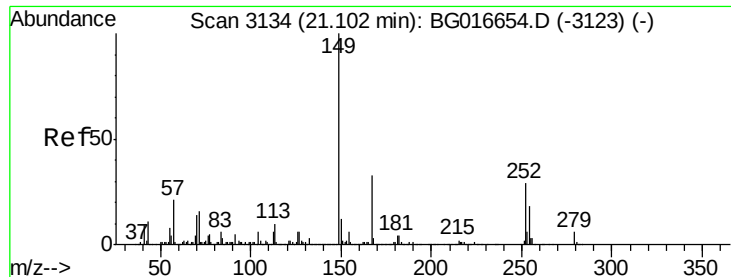
Tot Ion:252 Resp: 86917
 Ion Ratio Lower Upper
 252 100
 254 65.8 52.7 79.1
 126 22.2 15.3 22.9



#82
 Chrysene
 Concen: 40.03 ng
 RT: 21.22 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:228 Resp: 566172
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.4 38.0
 229 20.7 16.5 24.7

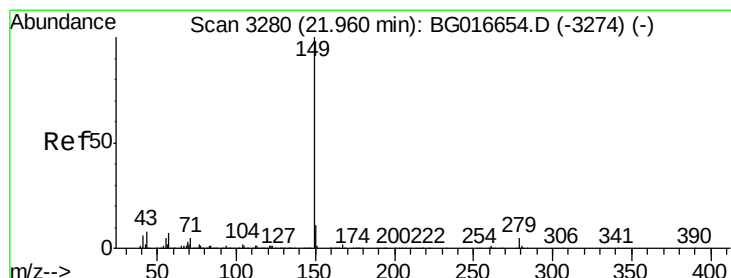
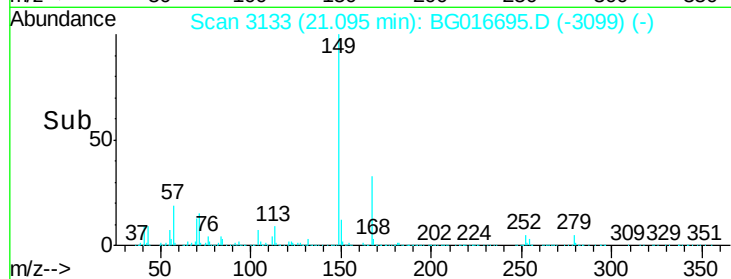
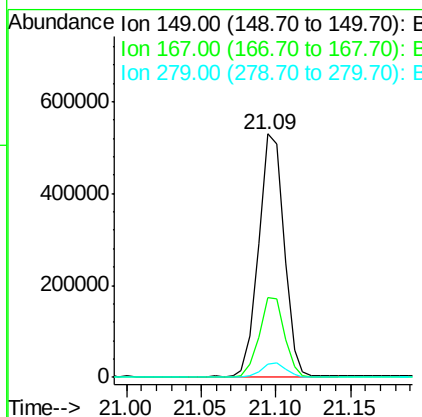
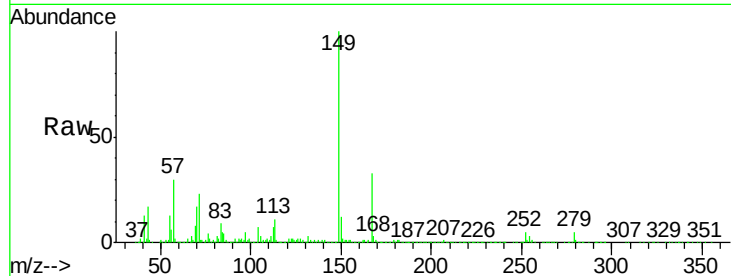




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.77 ng
 RT: 21.09 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

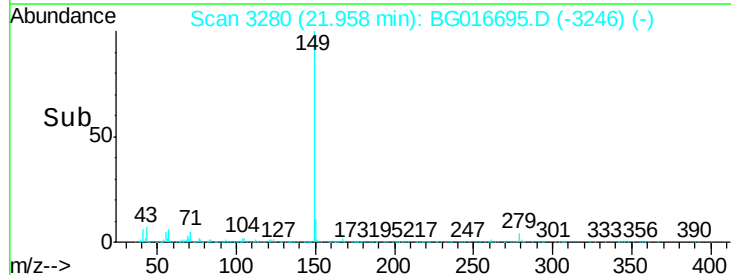
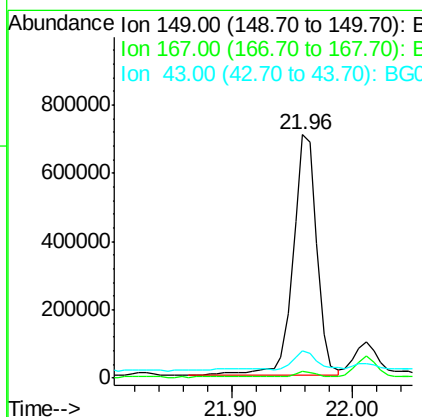
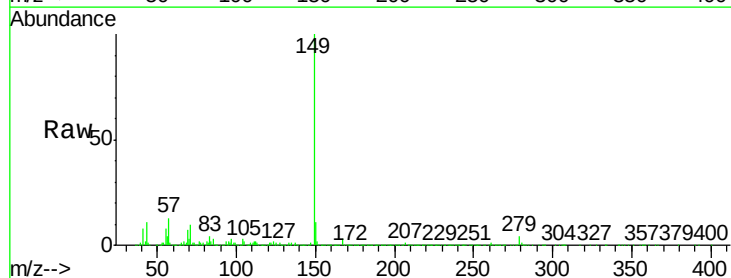
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

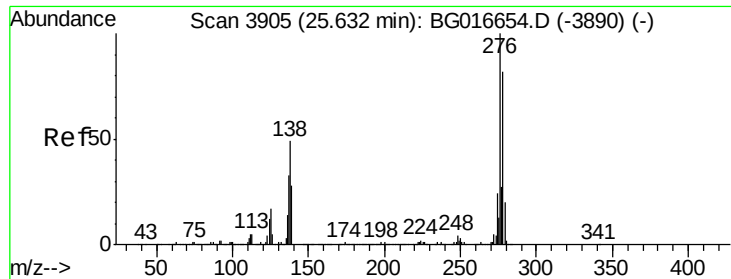
Tot Ion:149 Resp: 615000
 Ion Ratio Lower Upper
 149 100
 167 32.7 26.6 39.8
 279 5.3 5.1 7.7



#84
 Di-n-octyl phthalate
 Concen: 50.96 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:149 Resp: 970939
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0#
 43 8.6 5.7 8.5#

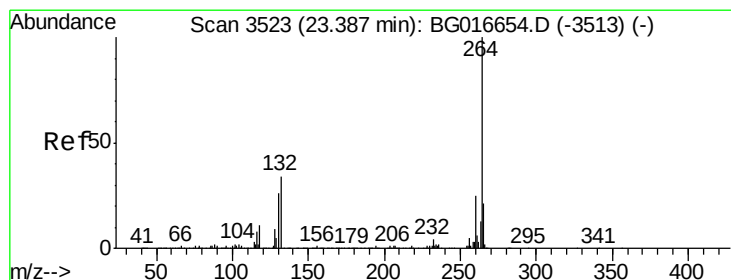
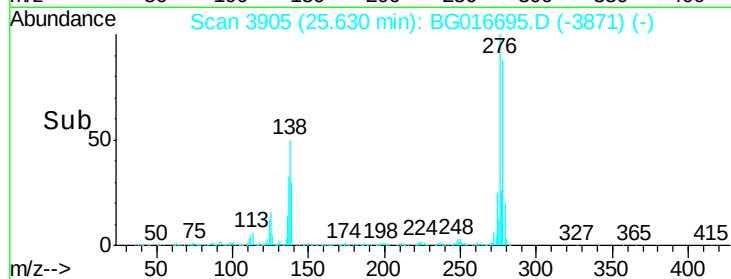
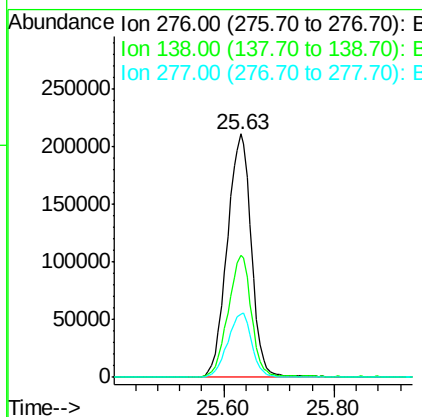
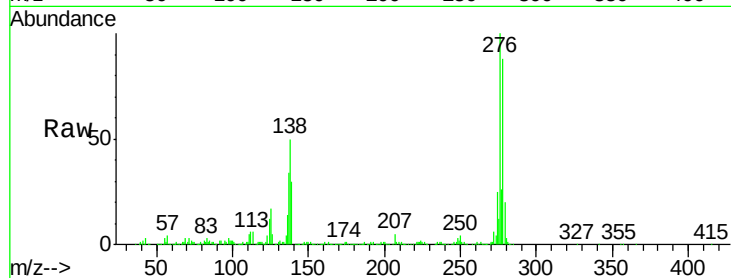




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.82 ng
 RT: 25.63 min Scan# 3905
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

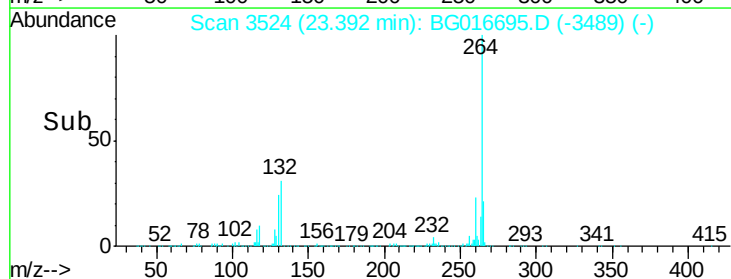
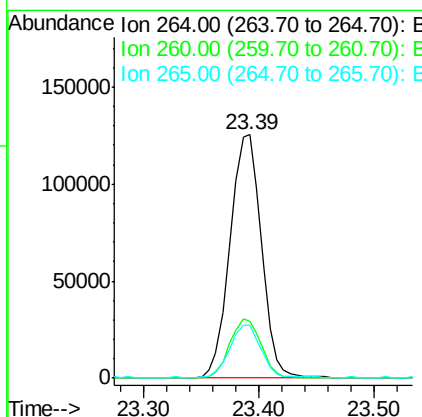
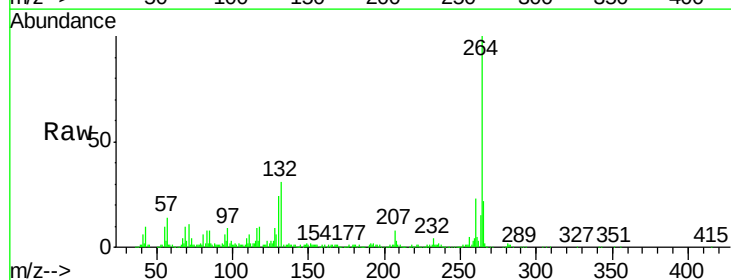
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

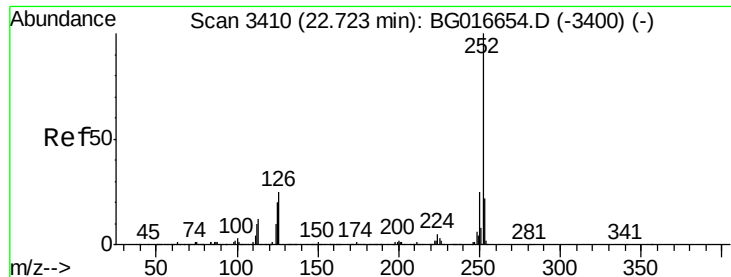
Tot Ion:276 Resp: 644664
 Ion Ratio Lower Upper
 276 100
 138 47.7 38.2 57.2
 277 26.4 21.4 32.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.39 min Scan# 3524
 Delta R.T. 0.01 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Tgt Ion:264 Resp: 235659
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.0 30.0
 265 21.6 16.8 25.2

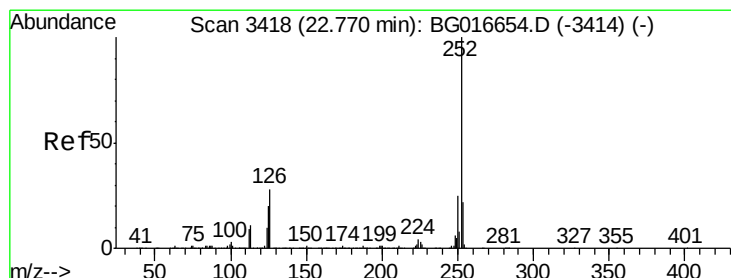
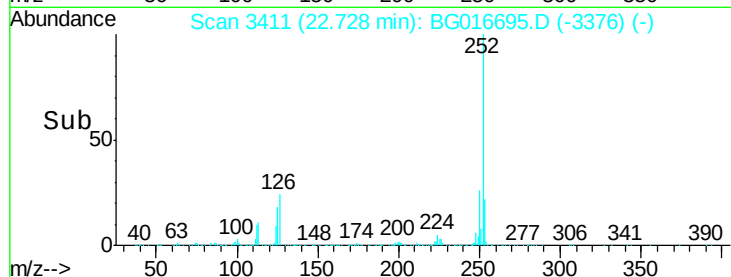
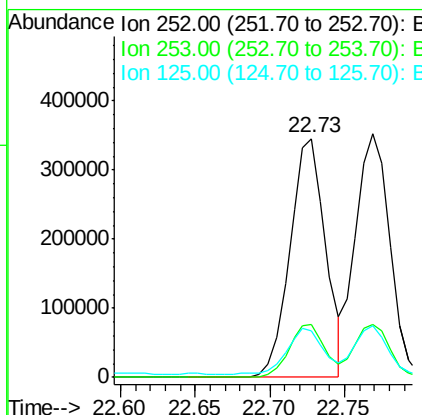
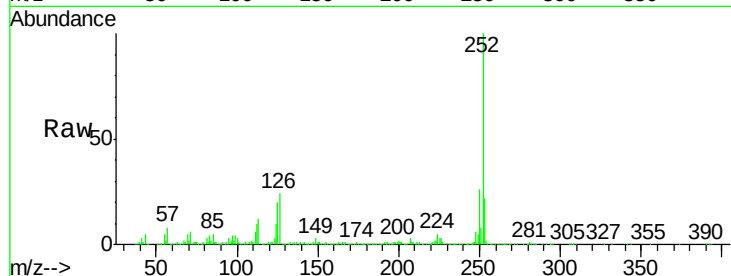




#87
Benzo(b)fluoranthene
Concen: 39.97 ng
RT: 22.73 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

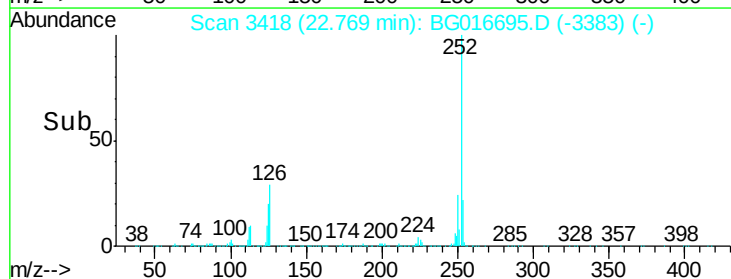
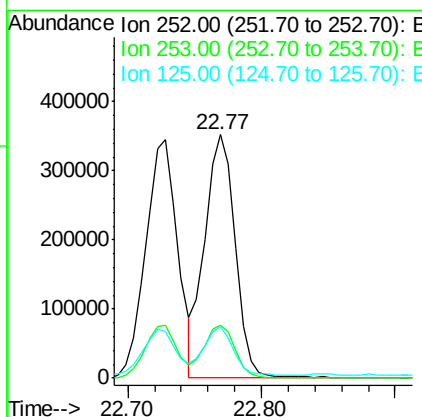
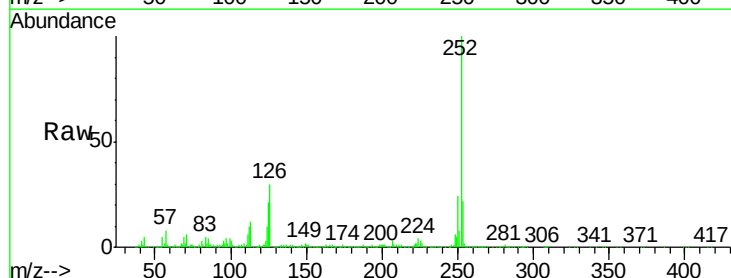
Instrument :
BNA_G
ClientSampleId :
SOIL-PITMS

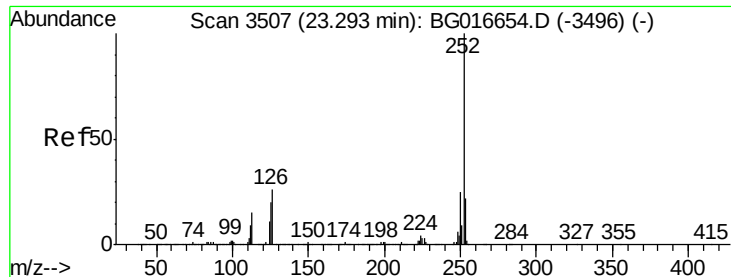
Tot Ion:252 Resp: 572213
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 19.6 15.8 23.8



#88
Benzo(k)fluoranthene
Concen: 40.03 ng
RT: 22.77 min Scan# 3418
Delta R.T. 0.01 min
Lab File: BG016695.D
Acq: 24 Apr 2015 22:13

Tgt Ion:252 Resp: 559146
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 21.2 15.5 23.3





#89

Benzo(a)pyrene

Concen: 41.19 ng

RT: 23.29 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

Instrument :

BNA_G

ClientSampleId :

SOIL-PITMS

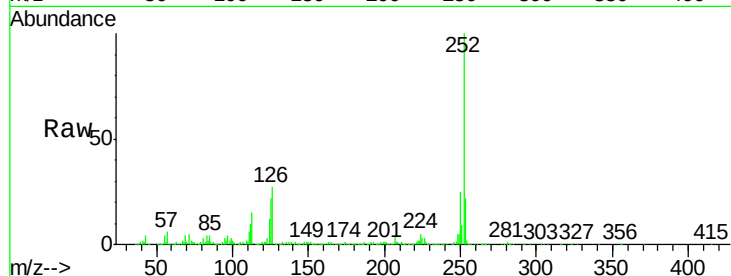
Tot Ion:252 Resp: 555644

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

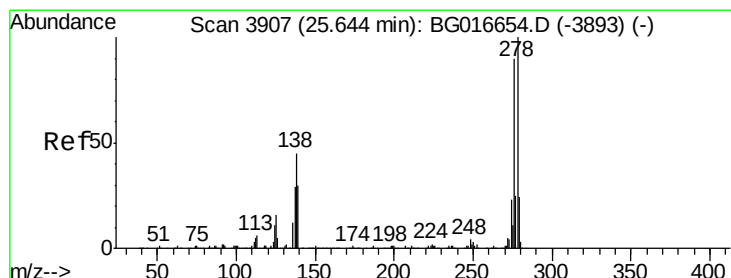
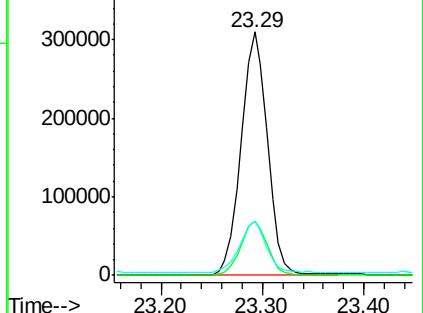
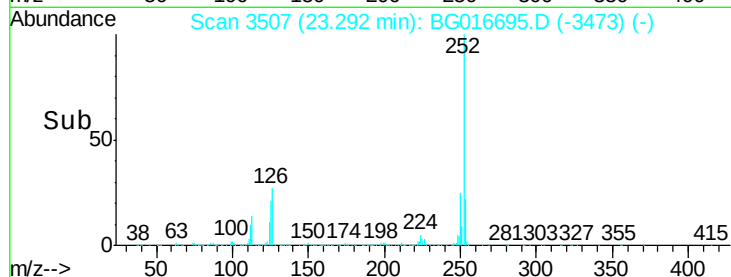
125 22.3 16.3 24.5



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: 40.40 ng

RT: 25.64 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BG016695.D

Acq: 24 Apr 2015 22:13

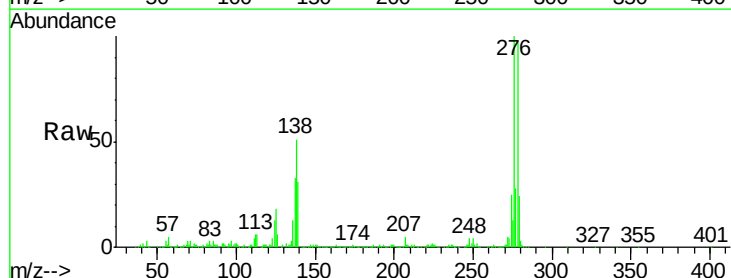
Tgt Ion:278 Resp: 529945

Ion Ratio Lower Upper

278 100

139 32.0 24.2 36.2

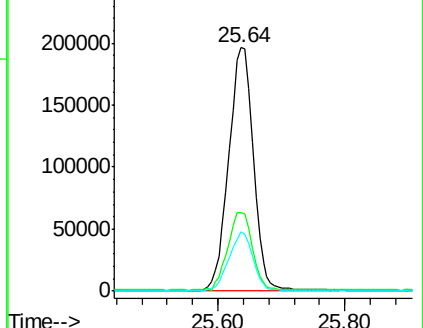
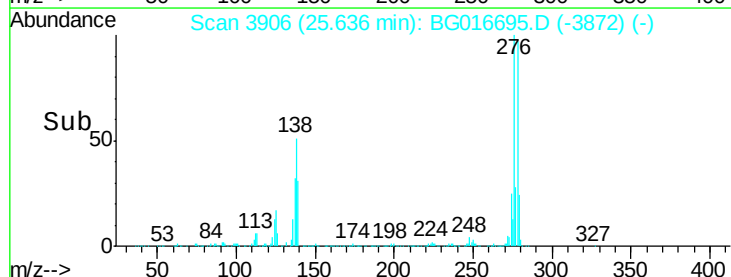
279 24.6 18.9 28.3

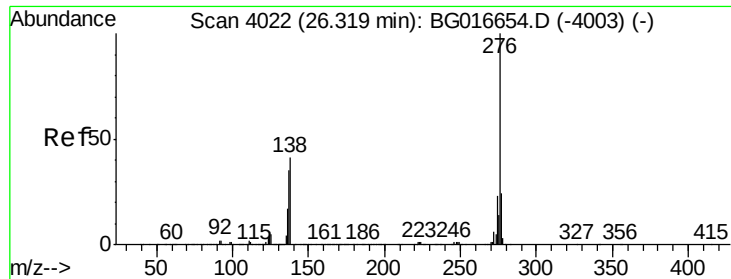


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.89 ng
 RT: 26.31 min Scan# 4021
 Delta R.T. -0.00 min
 Lab File: BG016695.D
 Acq: 24 Apr 2015 22:13

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PITMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	41.4	32.8	49.2

