

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032117\
 Data File : BG026364.D
 Acq On : 21 Mar 2017 18:43
 Operator : SJ/MA
 Sample : I2296-01
 Misc : LOD 8 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Quant Time: Mar 22 03:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	125212	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	542784	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	312993	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	740537	20.00	ng	0.00
75) Chrysene-d12	21.63	240	905081	20.00	ng	0.00
86) Perylene-d12	24.81	264	885348	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	896185	127.04	ng	0.00
7) Phenol-d6	7.21	99	1162448	122.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	729907	80.86	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	494718	138.02	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1970755	88.30	ng	0.00
78) Terphenyl-d14	19.98	244	2737227	73.45	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	25702	8.12	ng	# 67
3) Pyridine	3.91	79	63704	7.35	ng	# 59
4) n-Nitrosodimethylamine	3.82	42	16797	7.09	ng	# 1
6) Aniline	7.36	93	97079	7.67	ng	# 86
8) 2-Chlorophenol	7.61	128	65396	8.23	ng	# 79
9) Benzaldehyde	7.18	77	50776	7.94	ng	# 60
10) Phenol	7.23	94	79340	7.85	ng	# 73
11) bis(2-Chloroethyl)ether	7.46	93	65028	7.85	ng	# 81
12) 1,3-Dichlorobenzene	7.94	146	79892	8.45	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	77510	8.10	ng	# 93
14) 1,2-Dichlorobenzene	8.40	146	75654	8.26	ng	# 91
15) Benzyl Alcohol	8.28	79	43357	6.98	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.57	45	65705	7.14	ng	# 82
17) 2-Methylphenol	8.48	107	55543	7.74	ng	# 81
18) Hexachloroethane	9.13	117	25381	8.11	ng	# 92
19) n-Nitroso-di-n-propylamine	8.84	70	44696	7.34	ng	# 69
20) 3+4-Methylphenols	8.81	107	77012	7.79	ng	# 80
22) Acetophenone	8.86	105	100700	8.07	ng	# 74
24) Nitrobenzene	9.24	77	68745	7.71	ng	# 73
25) Isophorone	9.76	82	127640	7.50	ng	# 90
26) 2-Nitrophenol	9.96	139	34749	7.49	ng	# 63
27) 2,4-Dimethylphenol	10.01	122	57214	7.52	ng	# 84
28) bis(2-Chloroethoxy)methane	10.24	93	87927	7.96	ng	# 98
29) 2,4-Dichlorophenol	10.50	162	61156	7.94	ng	# 90
30) 1,2,4-Trichlorobenzene	10.71	180	72575	8.39	ng	# 98
31) Naphthalene	10.90	128	227583	8.29	ng	# 99
32) Benzoic acid	10.09	122	29933	5.11	ng	# 66
33) 4-Chloroaniline	11.00	127	88084	7.89	ng	# 81
34) Hexachlorobutadiene	11.18	225	41910	8.21	ng	# 96
35) Caprolactam	11.74	113	20815	6.86	ng	# 59
36) 4-Chloro-3-methylphenol	12.12	107	60822	7.39	ng	# 82
37) 2-Methylnaphthalene	12.49	142	167072	8.31	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	82209	8.73	ng	# 98
40) Hexachlorocyclopentadiene	12.84	237	31003	6.25	ng	# 98

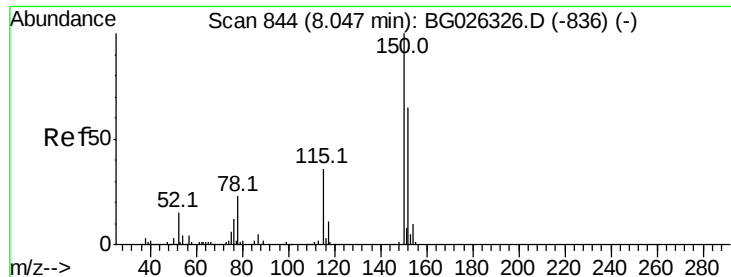
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032117\
 Data File : BG026364.D
 Acq On : 21 Mar 2017 18:43
 Operator : SJ/MA
 Sample : I2296-01
 Misc : LOD 8 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Quant Time: Mar 22 03:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	47138	7.64	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	52195	7.66	nq	91
45) 1,1'-Biphenyl	13.49	154	220471	8.51	nq	95
46) 2-Chloronaphthalene	13.53	162	156936	8.29	nq	95
47) 2-Nitroaniline	13.73	65	35243	6.55	nq	# 54
48) Acenaphthylene	14.37	152	274413	8.31	nq	97
49) Dimethylphthalate	14.10	163	192801	8.16	nq	97
50) 2,6-Dinitrotoluene	14.22	165	43638	7.91	nq	# 60
51) Acenaphthene	14.71	154	168670	8.30	nq	96
52) 3-Nitroaniline	14.55	138	43828	7.22	nq	# 74
53) 2,4-Dinitrophenol	14.76	184	12627	3.95	nq	# 82
54) Dibenzofuran	15.05	168	246990	8.63	nq	# 84
55) 4-Nitrophenol	14.86	139	32818	6.60	nq	# 38
56) 2,4-Dinitrotoluene	15.01	165	58057	7.49	nq	# 69
57) Fluorene	15.69	166	217268	8.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	49187	8.27	nq	# 95
59) Diethylphthalate	15.46	149	193447	8.01	nq	97
60) 4-Chlorophenyl-phenylether	15.68	204	101351	8.40	nq	92
61) 4-Nitroaniline	15.70	138	44799	6.98	nq	# 53
62) Azobenzene	15.97	77	148836	7.58	nq	79
64) 4,6-Dinitro-2-methylphenol	15.77	198	30147	6.46	nq	81
65) n-Nitrosodiphenylamine	15.89	169	179227	8.25	nq	98
66) 4-Bromophenyl-phenylether	16.57	248	64287	8.43	nq	94
67) Hexachlorobenzene	16.70	284	69358	8.53	nq	90
68) Atrazine	16.83	200	61846	7.52	nq	92
69) Pentachlorophenol	17.04	266	36811	6.96	nq	94
70) Phenanthrene	17.42	178	345333	8.68	nq	95
71) Anthracene	17.52	178	338284	8.34	nq	96
72) Carbazole	17.78	167	353381	8.46	nq	# 93
73) Di-n-butylphthalate	18.33	149	334091	7.78	nq	# 91
74) Fluoranthene	19.43	202	412950	8.83	nq	93
76) Benzidine	19.60	184	216522	6.94	nq	95
77) Pyrene	19.79	202	436184	8.32	nq	94
79) Butylbenzylphthalate	20.66	149	152125	7.25	nq	# 84
80) Benzo(a)anthracene	21.61	228	433597	8.51	nq	93
81) 3,3'-Dichlorobenzidine	21.52	252	159623	7.66	nq	# 98
82) Chrysene	21.68	228	417952	8.59	nq	95
83) Bis(2-ethylhexyl)phthalate	21.51	149	236684	7.47	nq	99
84) Di-n-octyl phthalate	22.70	149	398991	7.38	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.43	276	491244	8.18	nq	# 87
87) Benzo(b)fluoranthene	23.80	252	418031	8.01	nq	# 95
88) Benzo(k)fluoranthene	23.86	252	435190	8.60	nq	# 92
89) Benzo(a)pyrene	24.66	252	407654	8.14	nq	# 93
90) Dibenzo(a,h)anthracene	28.48	278	414236	8.19	nq	# 93
91) Benzo(g,h,i)perylene	29.56	276	415310	8.15	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

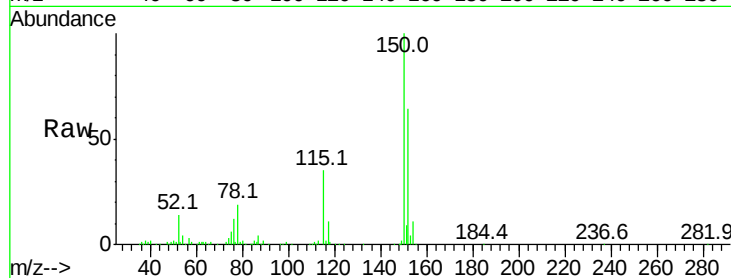
Tot Ion:152 Resp: 125212

Ion Ratio Lower Upper

152 100

150 155.7 114.0 171.0

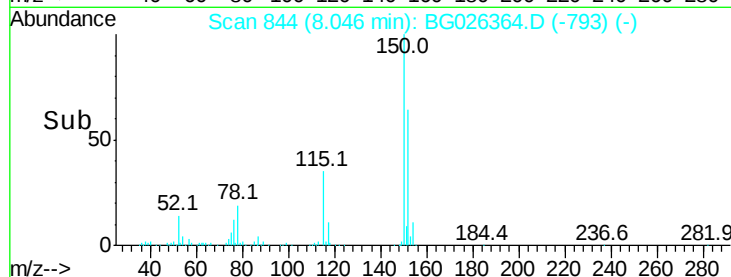
115 55.1 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

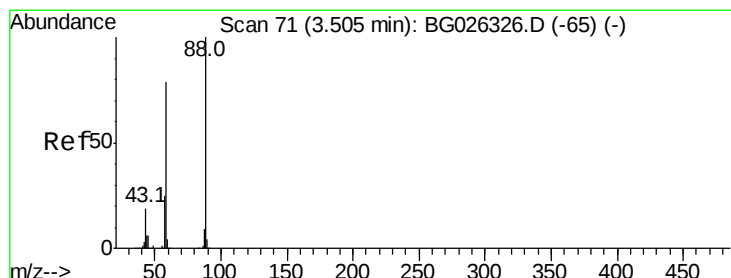
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



8.05

Time-->



#2

1,4-Dioxane

Concen: 8.12 ng

RT: 3.51 min Scan# 72

Delta R.T. 0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

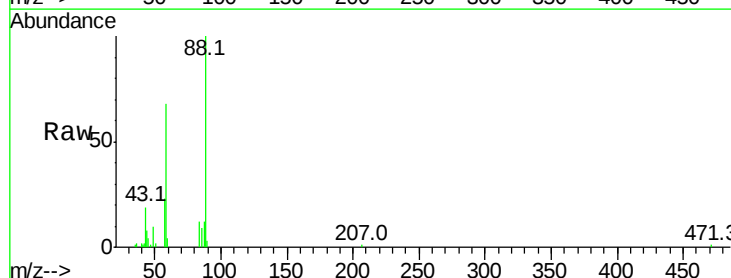
Tgt Ion: 88 Resp: 25702

Ion Ratio Lower Upper

88 100

58 68.6 79.4 119.2#

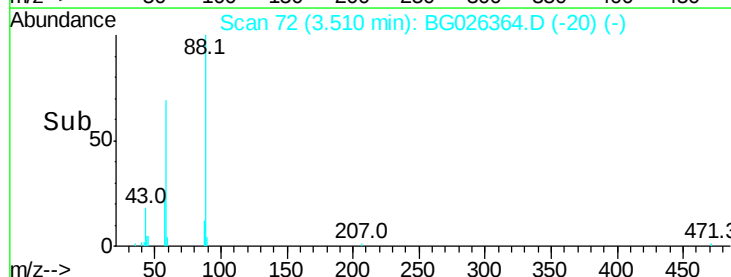
43 18.6 33.8 50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC

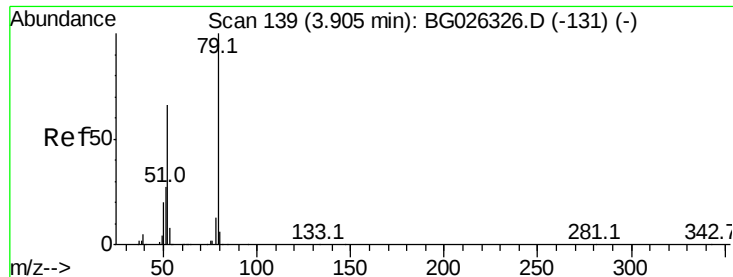
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



3.51

Time-->



#3

Pvridine

Concen: 7.35 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

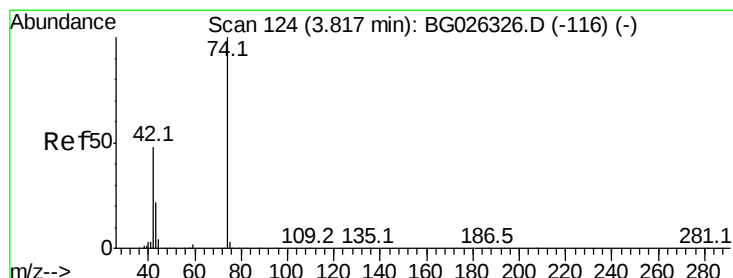
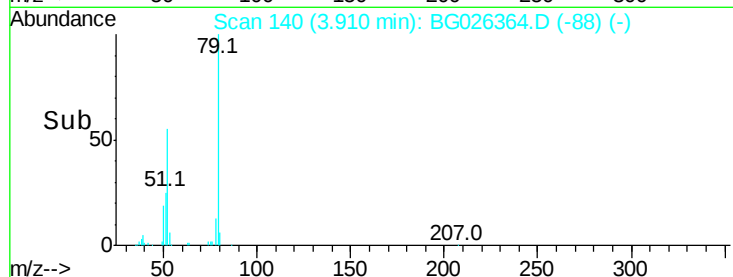
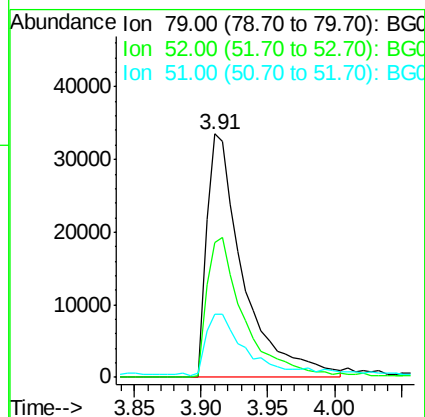
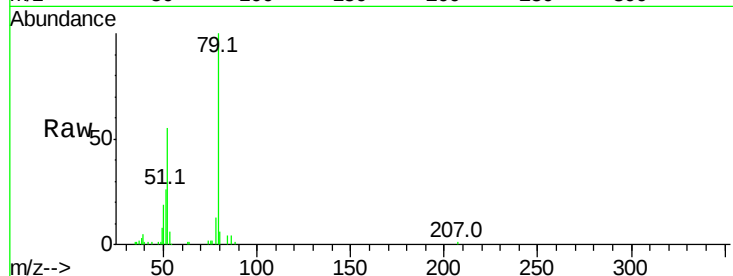
Tot Ion: 79 Resp: 63704

Ion Ratio Lower Upper

79 100

52 55.4 77.8 116.6#

51 26.1 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 7.09 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

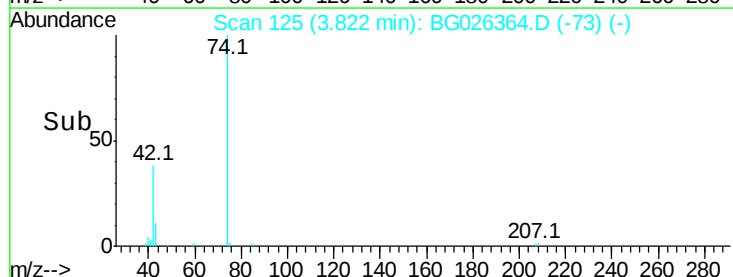
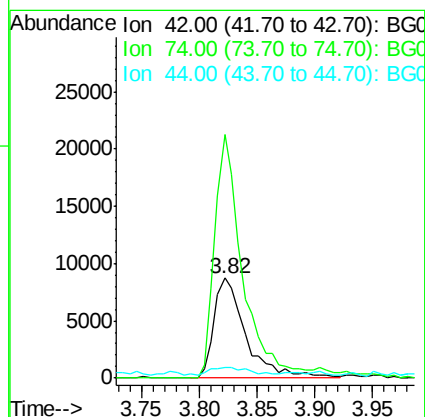
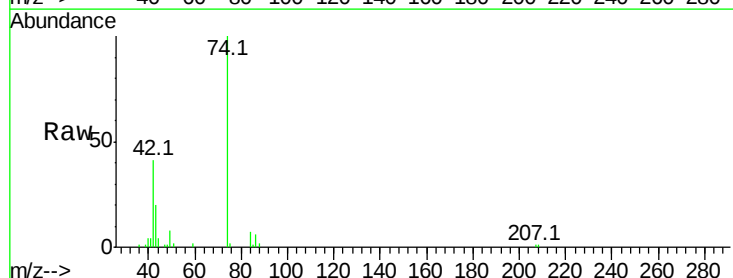
Tgt Ion: 42 Resp: 16797

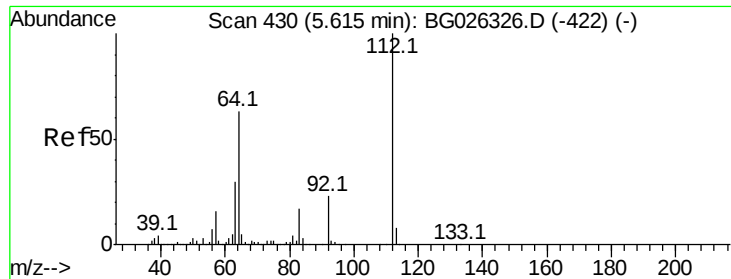
Ion Ratio Lower Upper

42 100

74 244.2 76.7 115.1#

44 10.5 6.1 9.1#





#5

2-Fluorophenol

Concen: 127.04 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

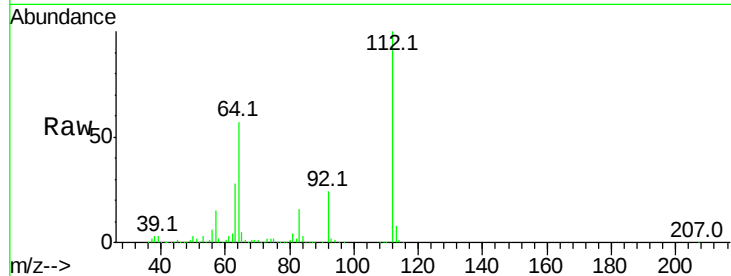
Tot Ion:112 Resp: 896185

Ion Ratio Lower Upper

112 100

64 56.7 61.8 92.6#

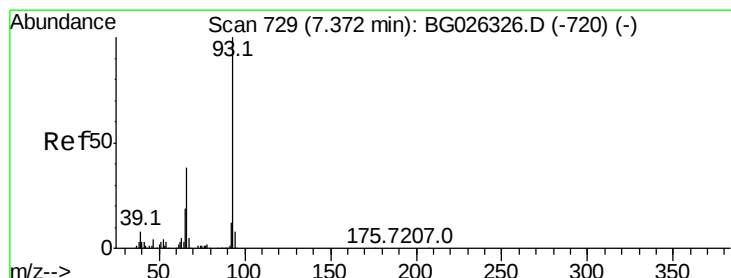
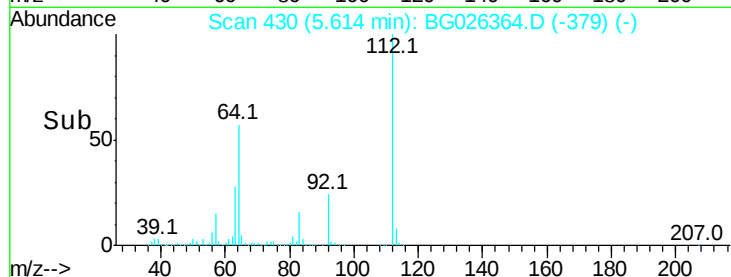
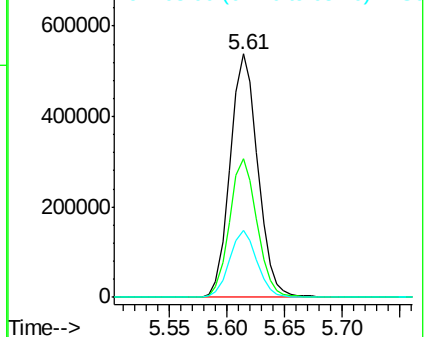
63 27.7 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.67 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

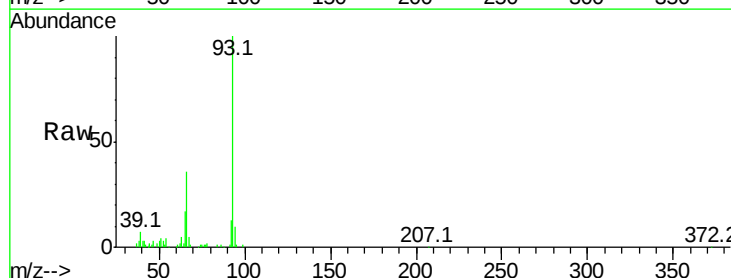
Tgt Ion: 93 Resp: 97079

Ion Ratio Lower Upper

93 100

66 36.2 35.4 53.2

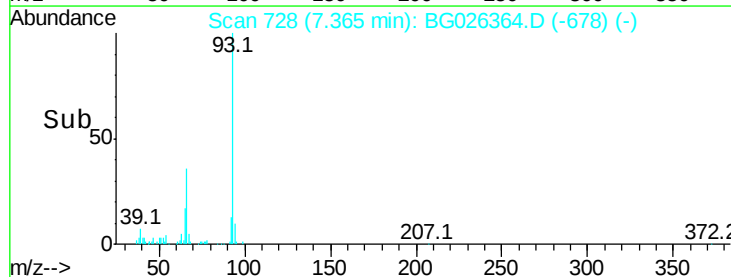
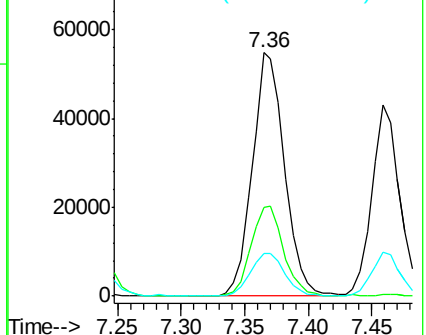
65 17.4 21.2 31.8#

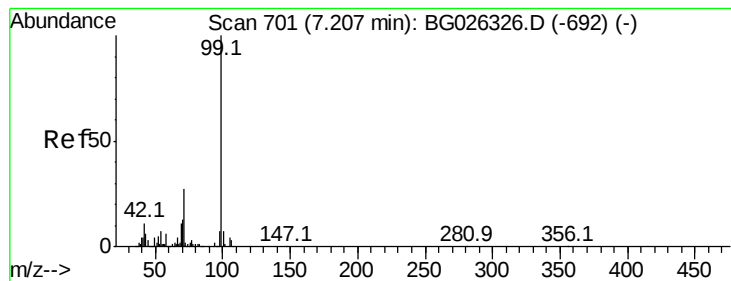


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.74 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

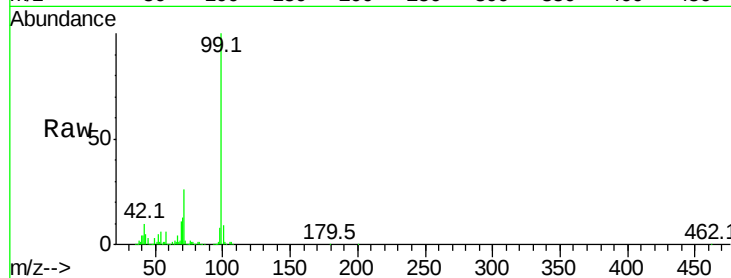
Tot Ion: 99 Resp: 1162448

Ion Ratio Lower Upper

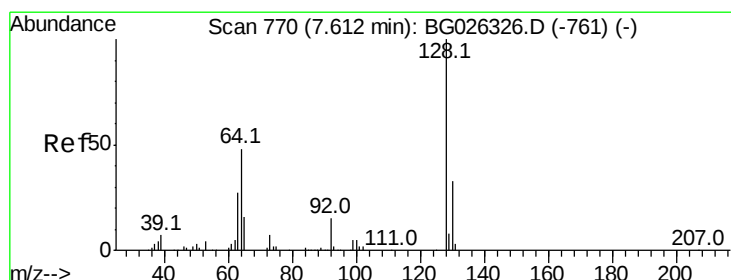
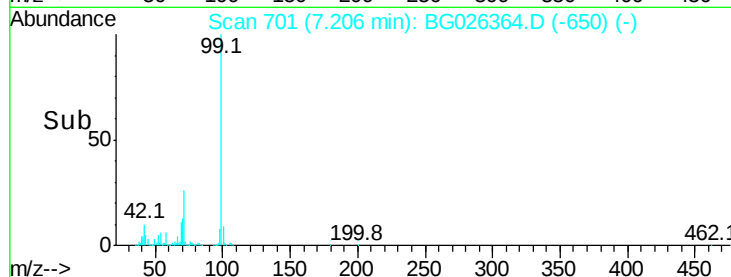
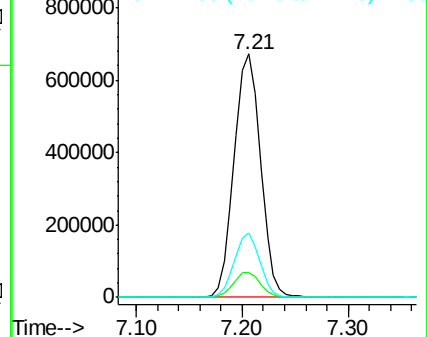
99 100

42 10.4 20.5 30.7#

71 26.4 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 8.23 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

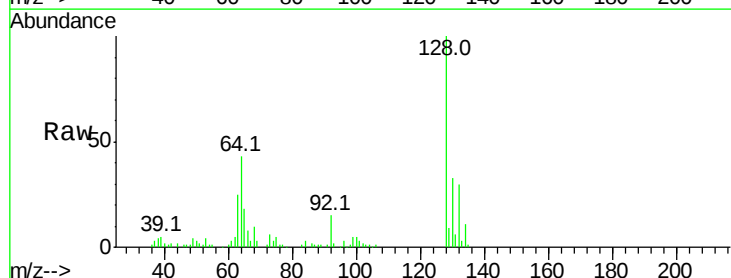
Tgt Ion:128 Resp: 65396

Ion Ratio Lower Upper

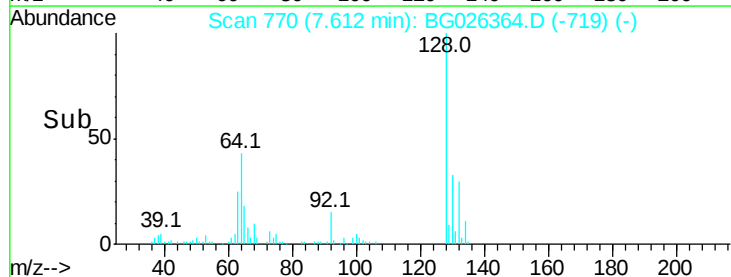
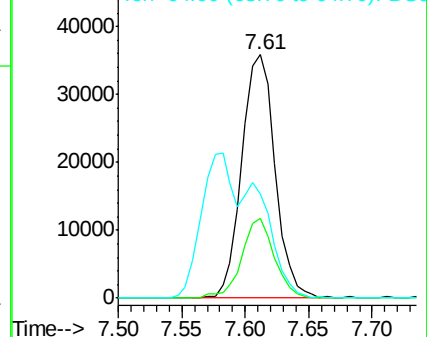
128 100

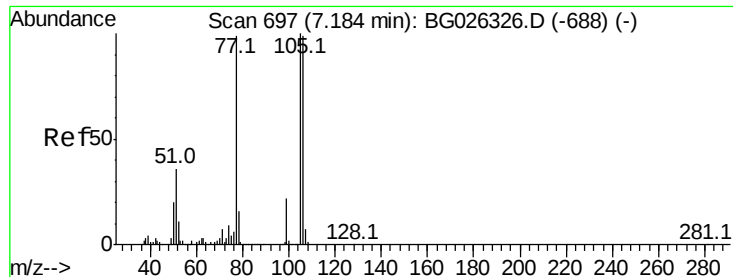
130 32.8 11.4 51.4

64 42.8 46.6 86.6#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 7.94 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

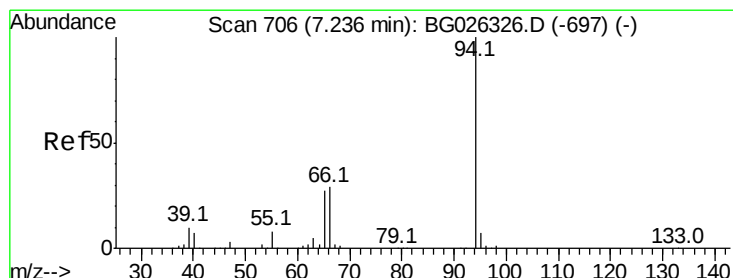
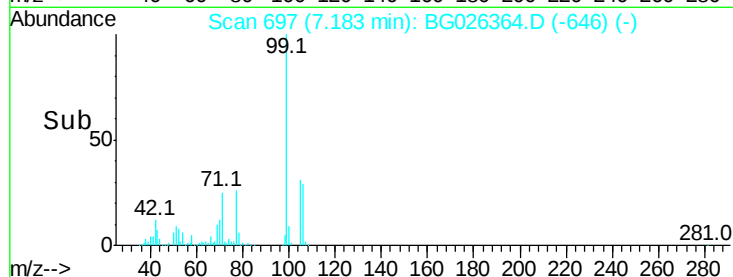
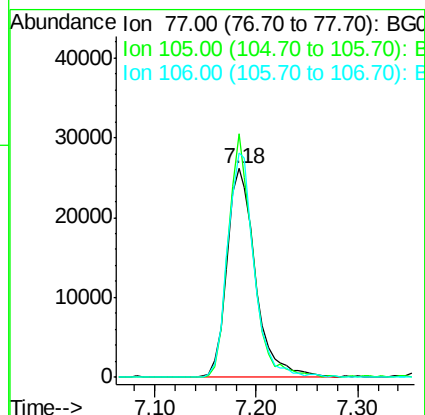
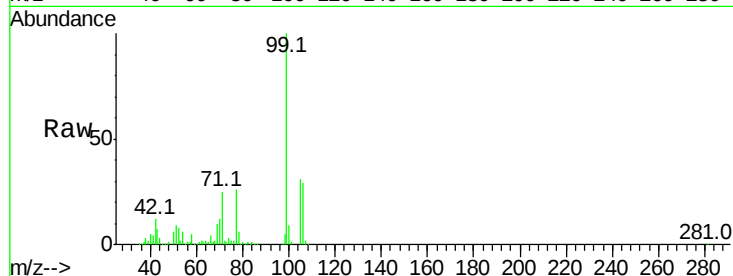
Tot Ion: 77 Resp: 50776

Ion Ratio Lower Upper

77 100

105 116.8 60.9 100.9#

106 107.9 55.1 95.1#



#10

Phenol

Concen: 7.85 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

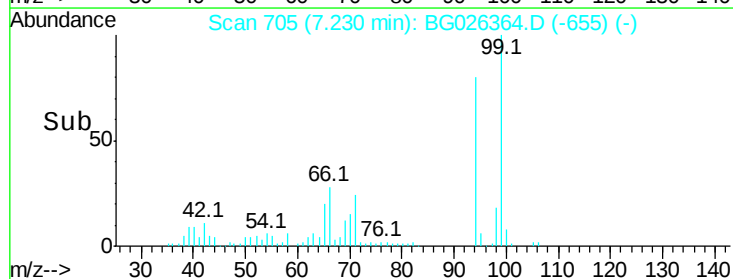
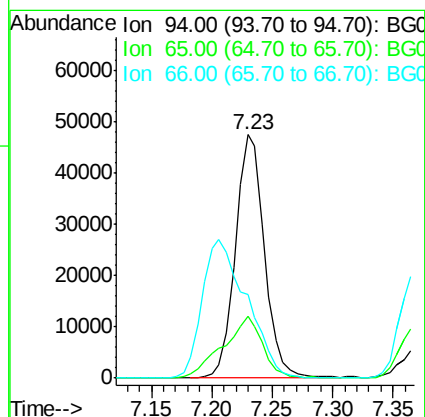
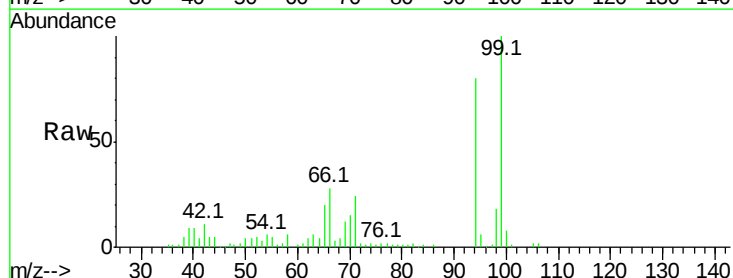
Tgt Ion: 94 Resp: 79340

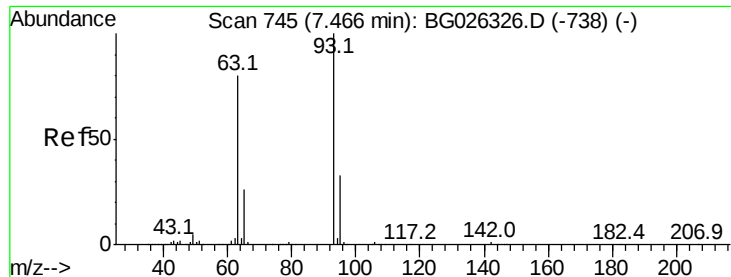
Ion Ratio Lower Upper

94 100

65 25.4 20.6 60.6

66 34.6 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 7.85 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

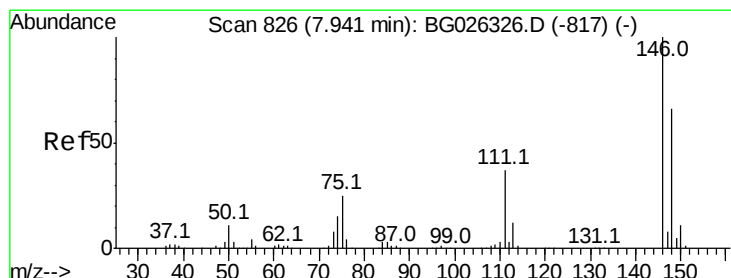
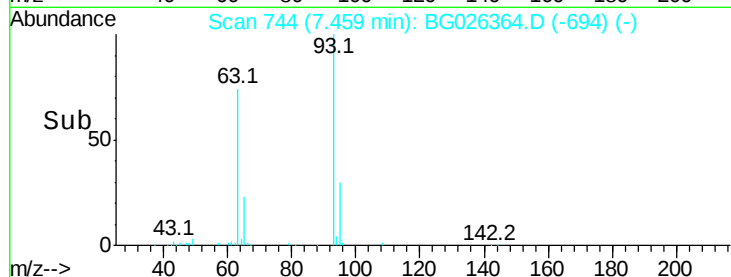
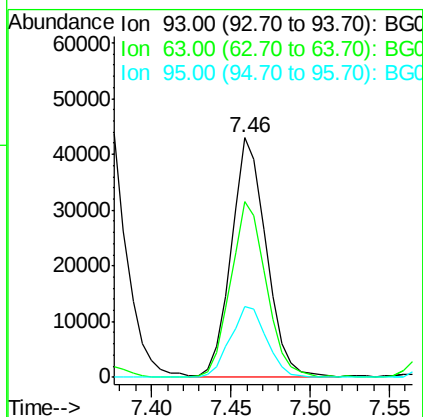
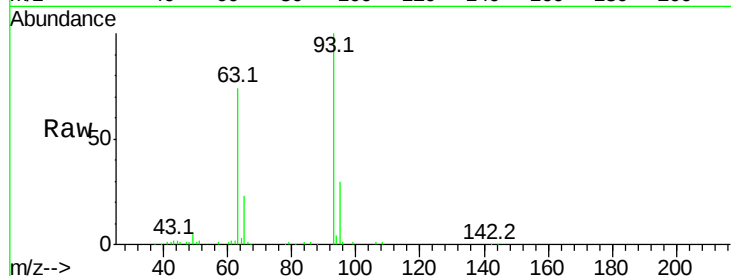
Tot Ion: 93 Resp: 65028

Ion Ratio Lower Upper

93 100

63 73.7 78.5 118.5#

95 29.7 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 8.45 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

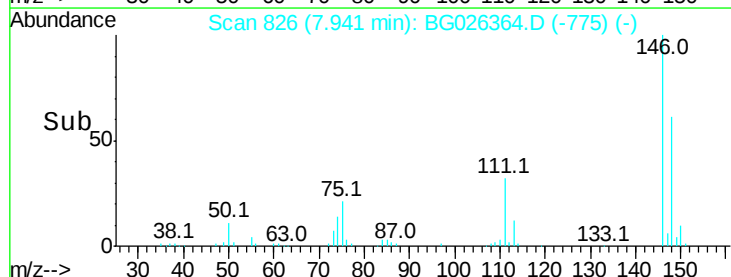
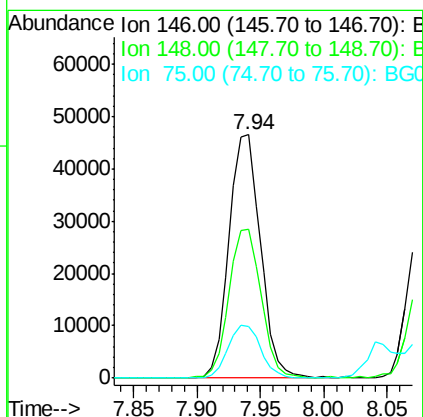
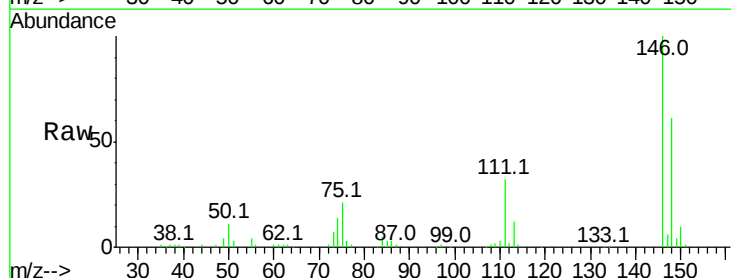
Tgt Ion: 146 Resp: 79892

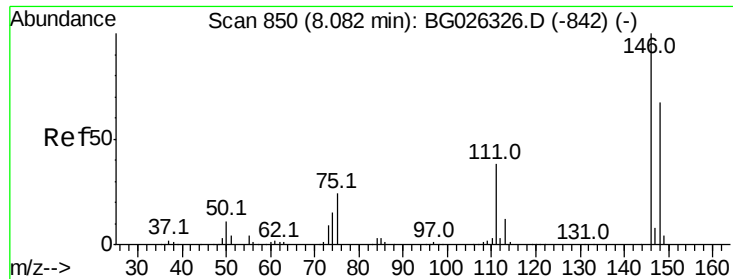
Ion Ratio Lower Upper

146 100

148 61.2 49.2 73.8

75 21.2 33.4 50.2#

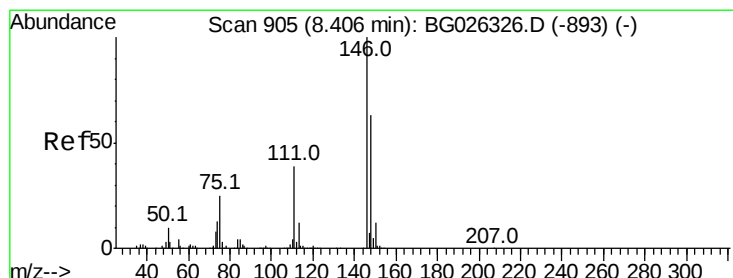
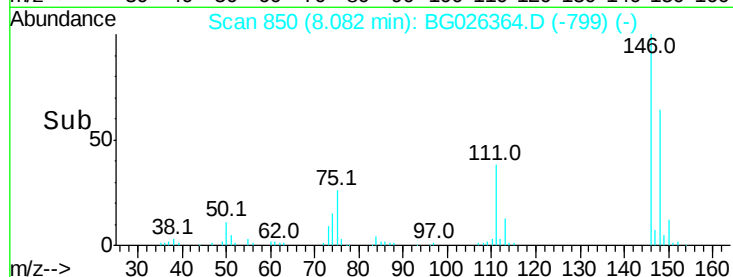
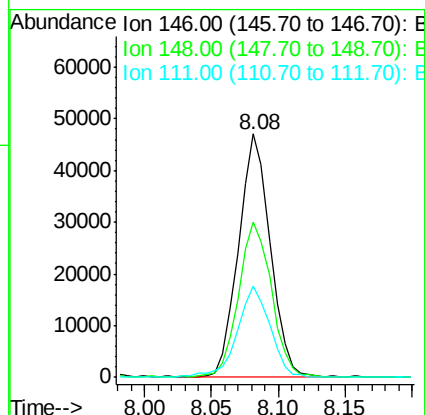
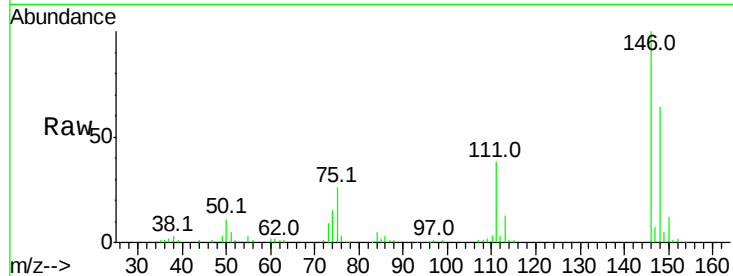




#13
 1,4-Dichlorobenzene
 Concen: 8.10 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

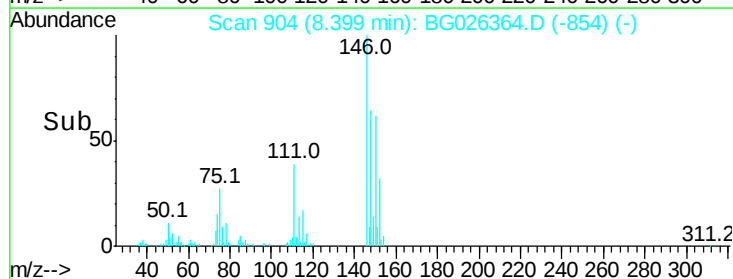
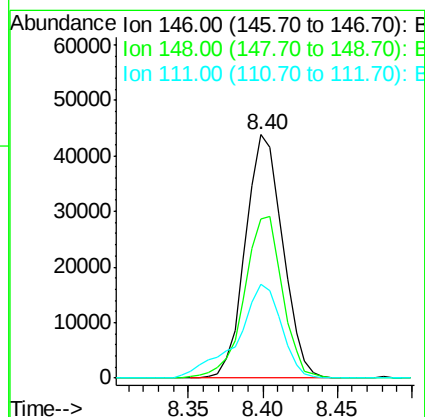
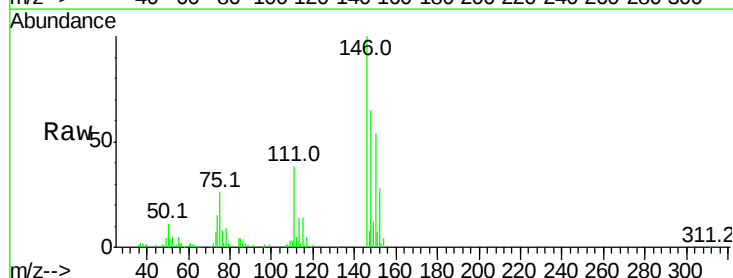
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Tot Ion:146 Resp: 77510
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 37.5 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 8.26 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion:146 Resp: 75654
 Ion Ratio Lower Upper
 146 100
 148 65.4 54.6 81.8
 111 38.4 39.7 59.5#





#15

Benzyl Alcohol

Concen: 6.98 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

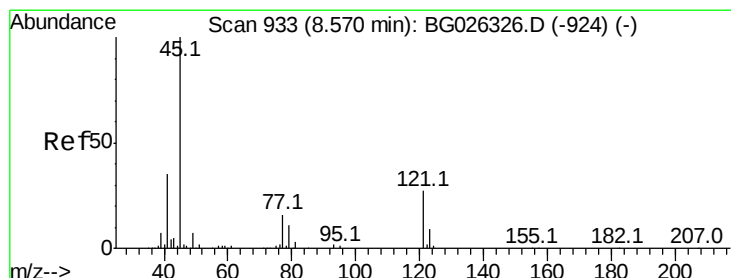
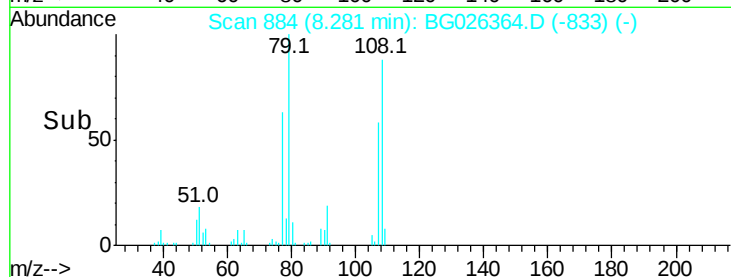
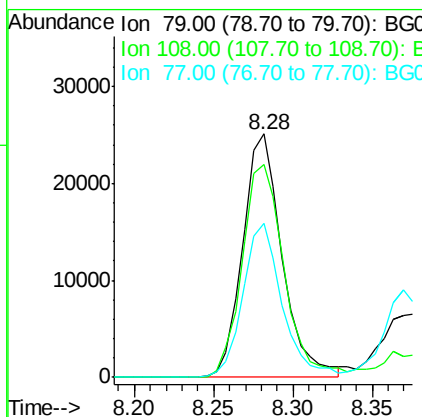
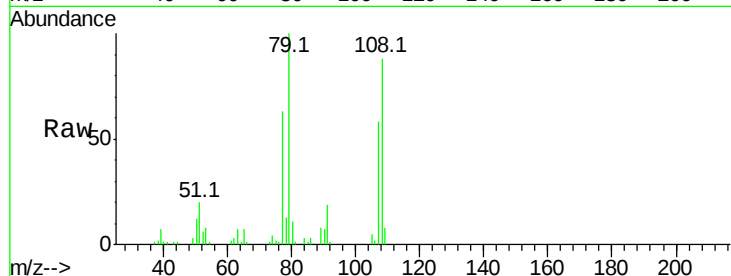
Tot Ion: 79 Resp: 43357

Ion Ratio Lower Upper

79 100

108 87.5 45.5 68.3#

77 63.4 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.14 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

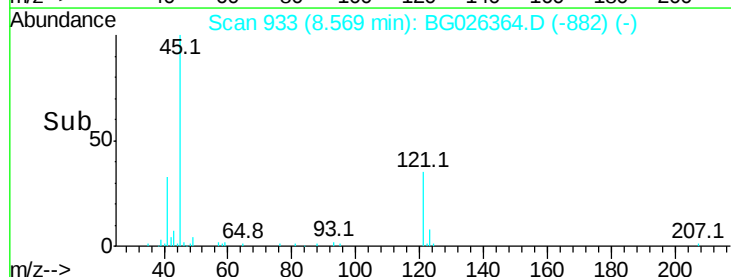
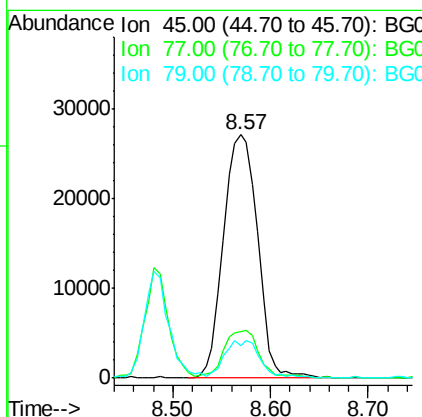
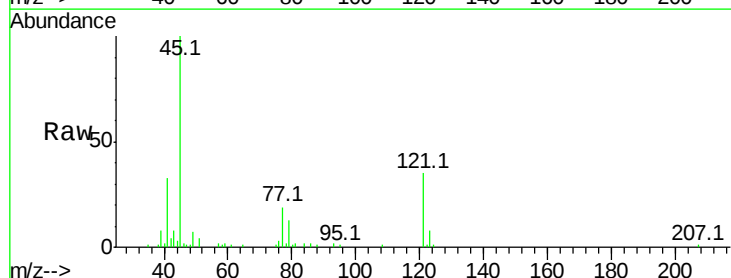
Tgt Ion: 45 Resp: 65705

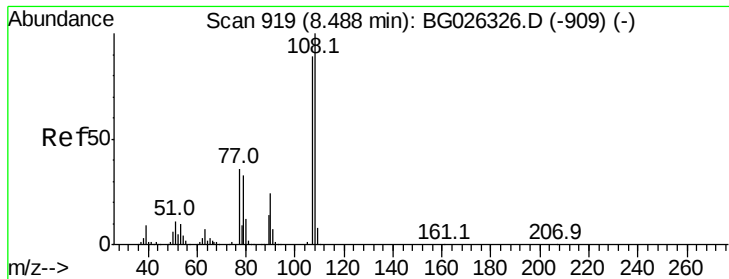
Ion Ratio Lower Upper

45 100

77 19.2 0.0 30.6

79 13.1 0.0 28.5





#17

2-Methylphenol

Concen: 7.74 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

Tot Ion:107 Resp: 55543

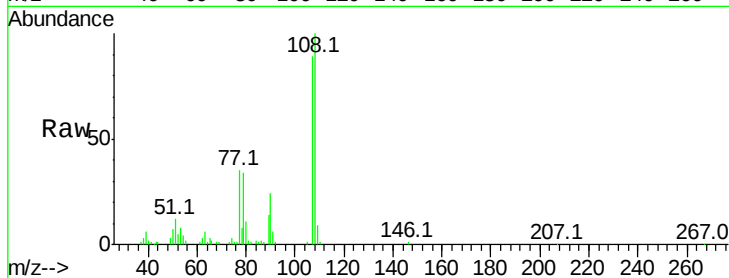
Ion Ratio Lower Upper

107 100

108 112.5 85.6 128.4

77 39.2 51.4 77.2#

79 38.1 49.2 73.8#

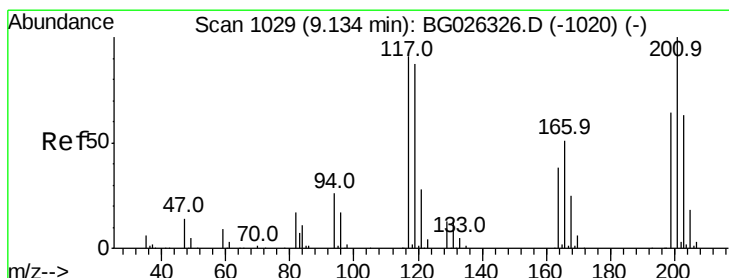
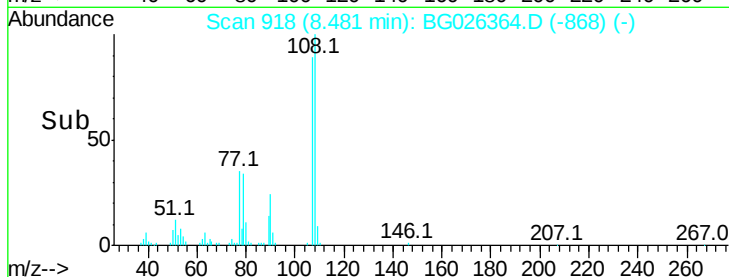
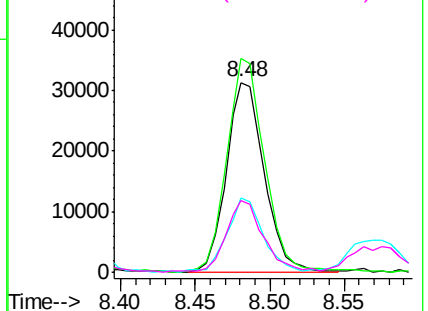


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 8.11 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

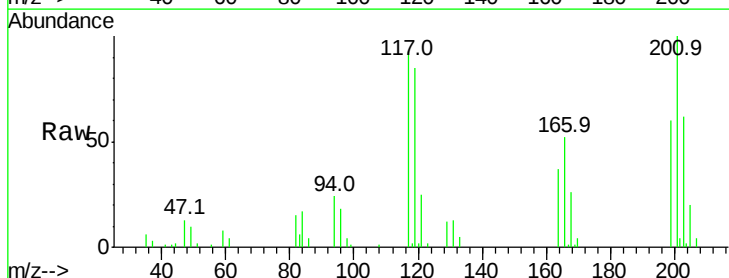
Tgt Ion:117 Resp: 25381

Ion Ratio Lower Upper

117 100

119 92.3 69.8 104.6

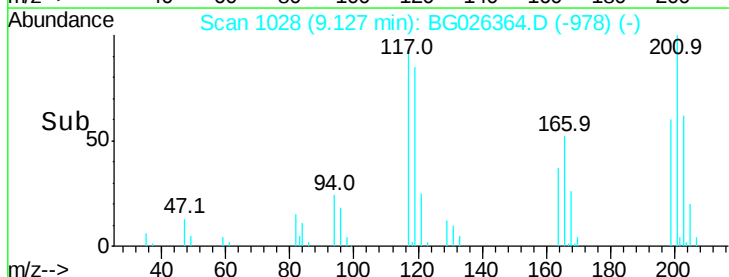
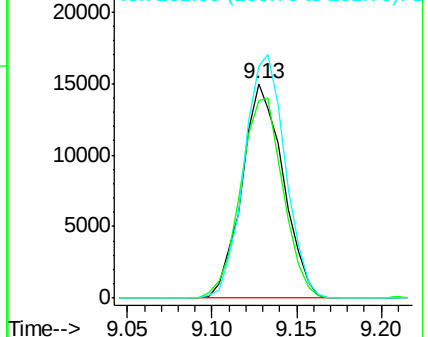
201 108.0 95.4 143.0

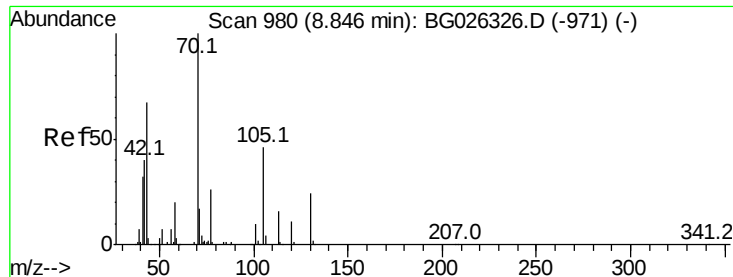


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

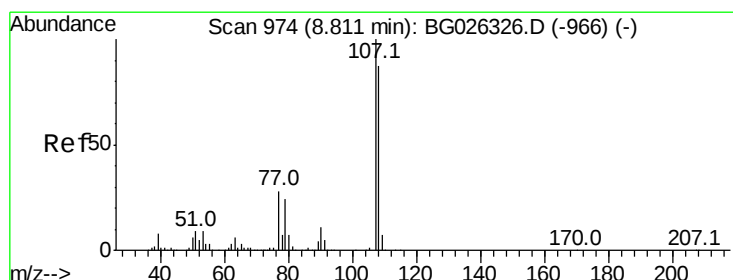
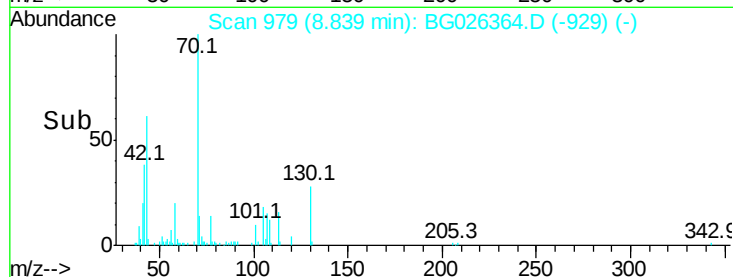
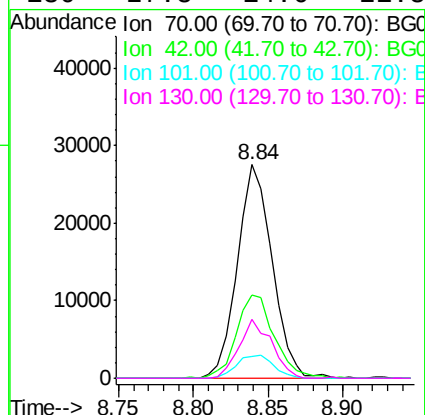
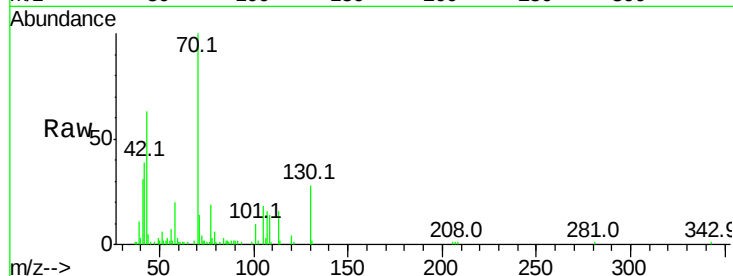




#19
n-Nitroso-di-n-propylamine
Concen: 7.34 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

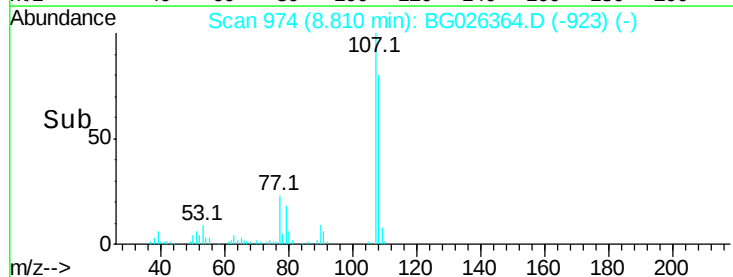
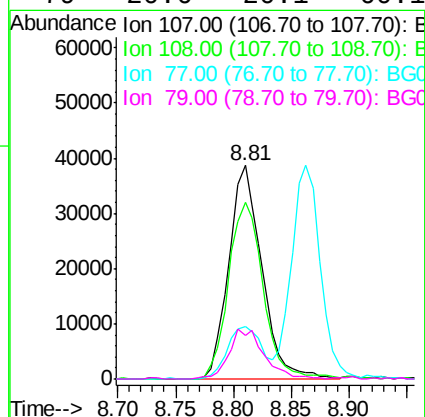
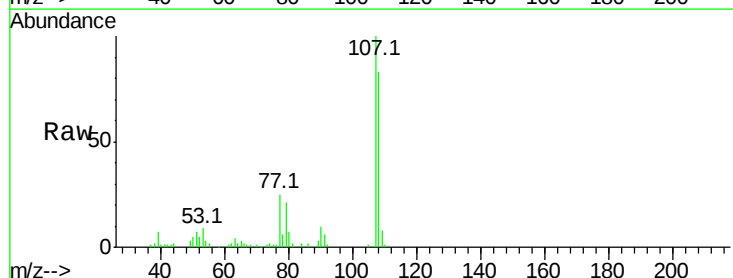
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

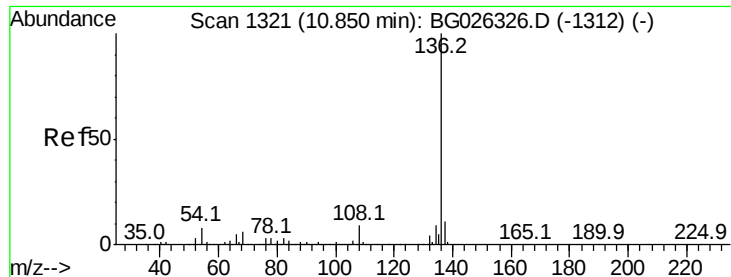
Tot Ion: 70 Resp: 44696
Ion Ratio Lower Upper
70 100
42 39.1 56.1 84.1#
101 9.9 7.5 11.3
130 27.8 14.6 21.8#



#20
3+4-Methylphenols
Concen: 7.79 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion: 107 Resp: 77012
Ion Ratio Lower Upper
107 100
108 82.7 70.8 110.8
77 24.8 25.8 65.8#
79 20.6 20.1 60.1

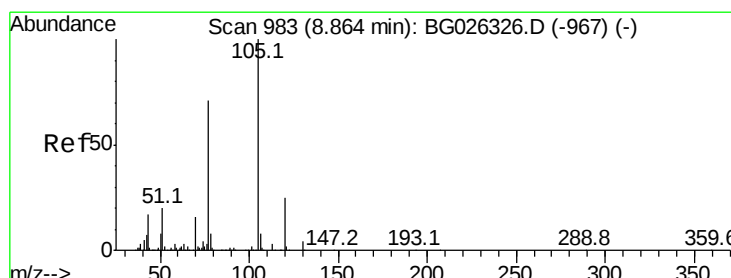
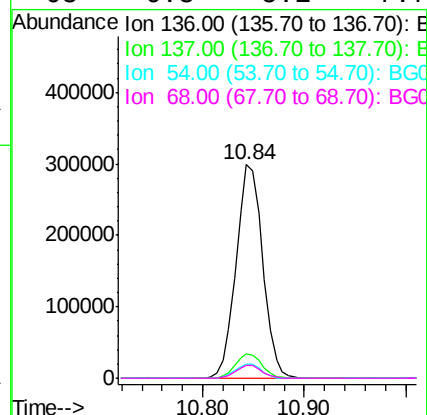
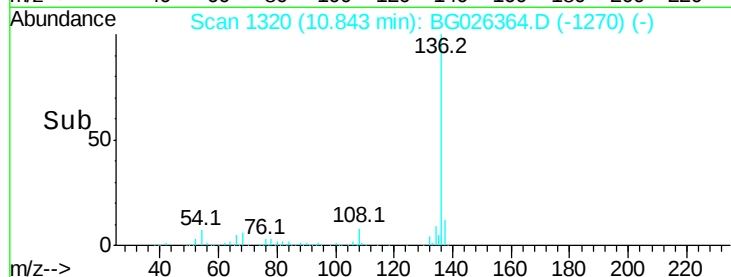
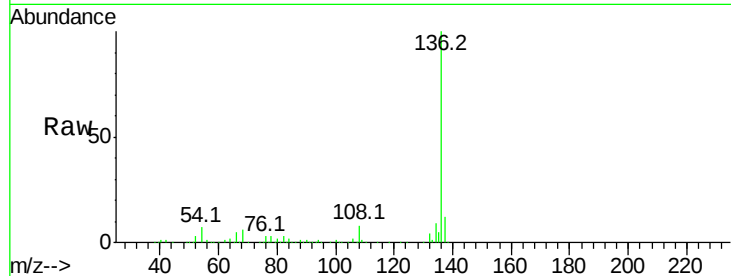




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

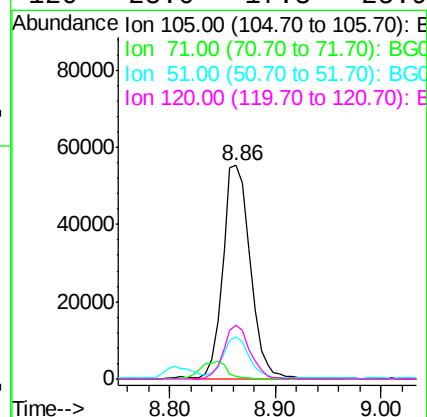
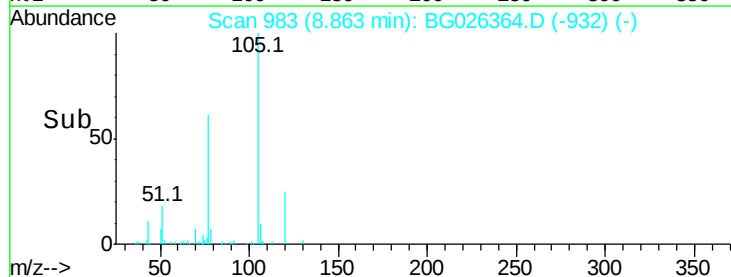
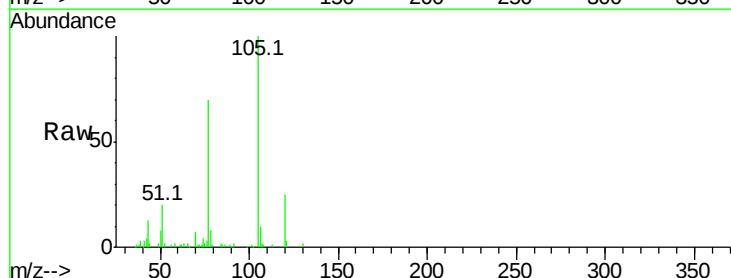
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

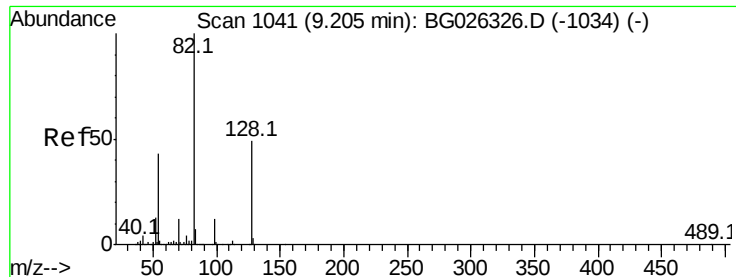
Tot Ion:136	Resp: 542784
Ion Ratio	Lower Upper
136 100	
137 11.6	8.9 13.3
54 6.7	9.3 13.9#
68 6.3	5.1 7.7



#22
Acetophenone
Concen: 8.07 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt	Ion:105	Resp:	100700
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.9	1.3
51	19.9	34.0	51.0#
120	25.0	17.3	25.9

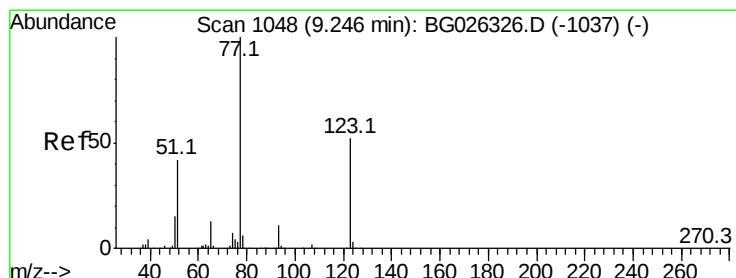
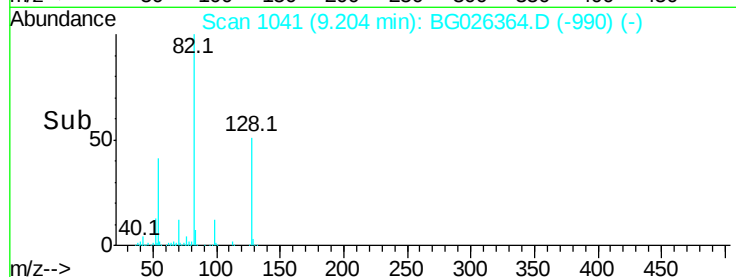
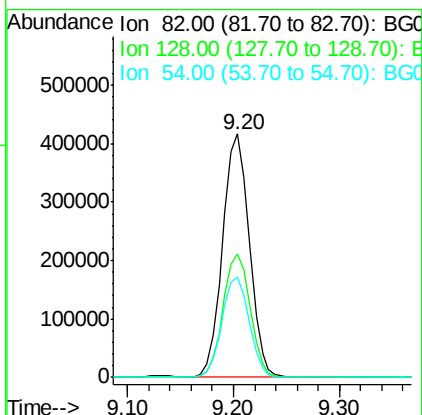
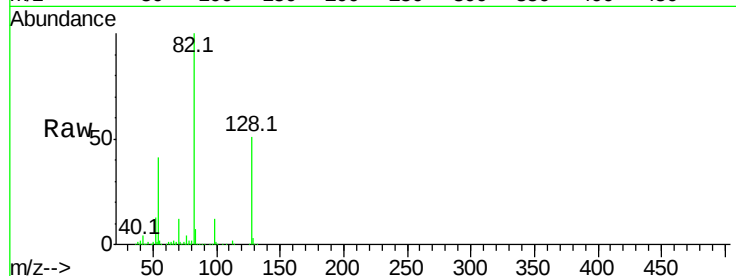




#23
 Nitrobenzene-d5
 Concen: 80.86 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

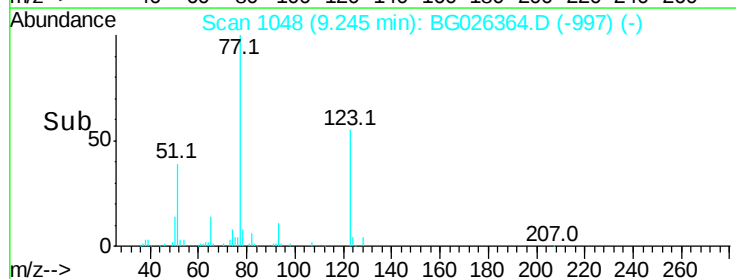
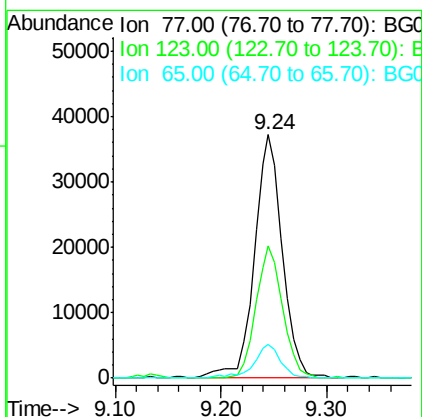
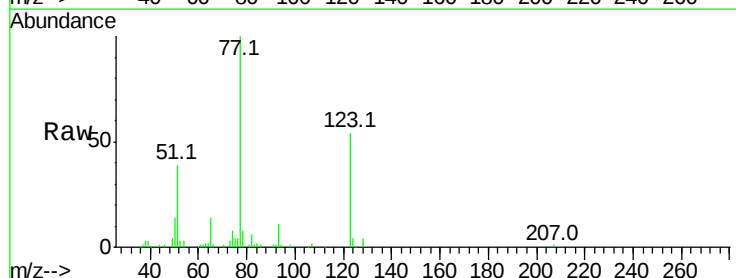
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

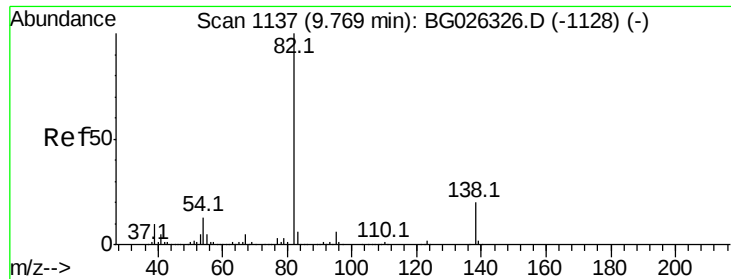
Tot Ion: 82 Resp: 729907
 Ion Ratio Lower Upper
 82 100
 128 50.8 26.4 39.6#
 54 41.0 49.4 74.2#



#24
 Nitrobenzene
 Concen: 7.71 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion: 77 Resp: 68745
 Ion Ratio Lower Upper
 77 100
 123 54.1 26.1 39.1#
 65 13.9 12.4 18.6





#25

Isophorone

Concen: 7.50 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

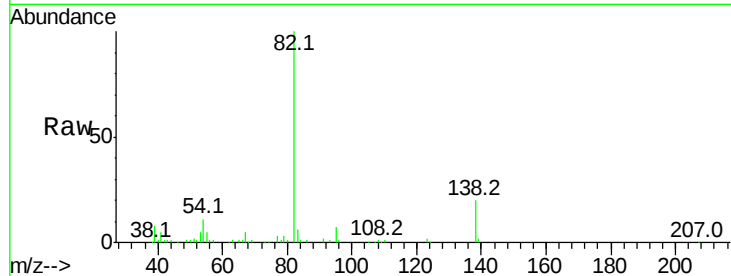
Tot Ion: 82 Resp: 127640

Ion Ratio Lower Upper

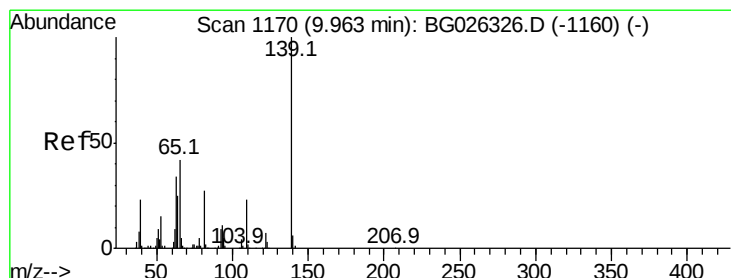
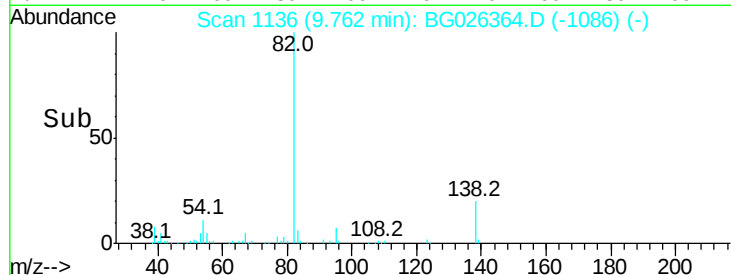
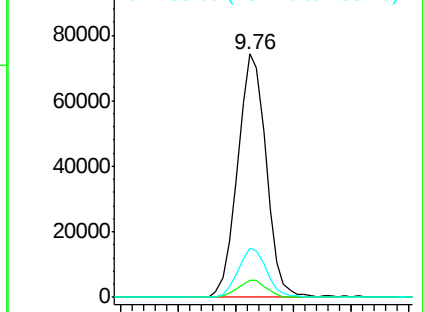
82 100

95 6.7 7.5 11.3#

138 20.0 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 7.49 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

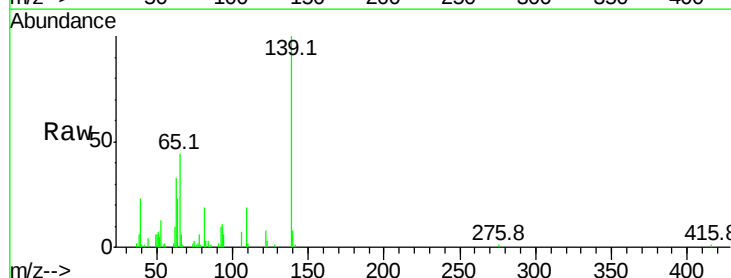
Tgt Ion: 139 Resp: 34749

Ion Ratio Lower Upper

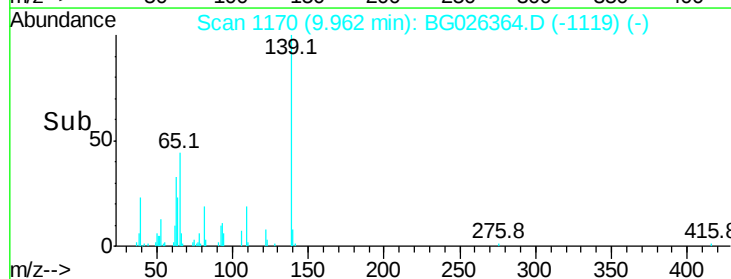
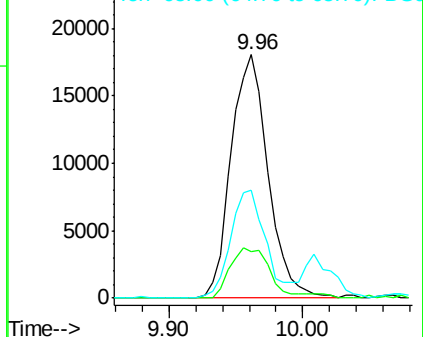
139 100

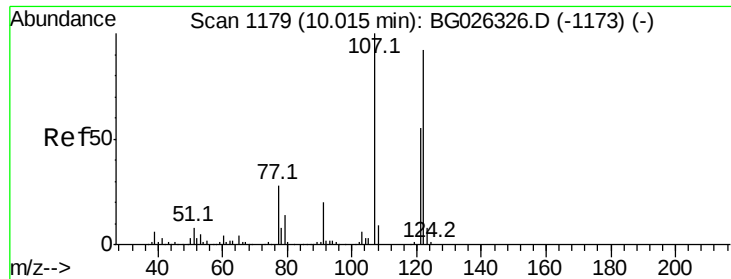
109 18.9 38.6 58.0#

65 44.1 57.1 85.7#



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

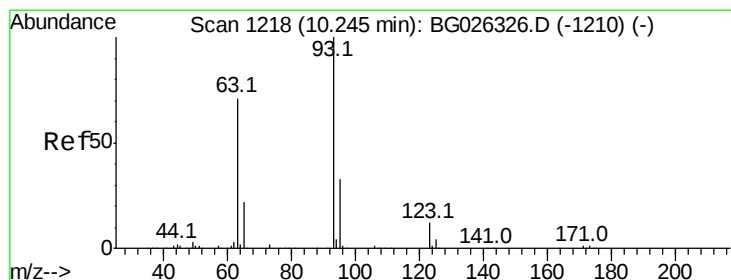
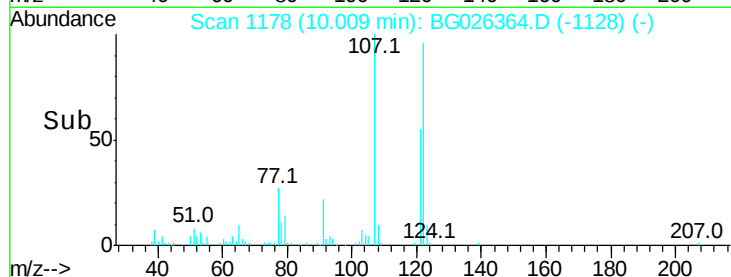
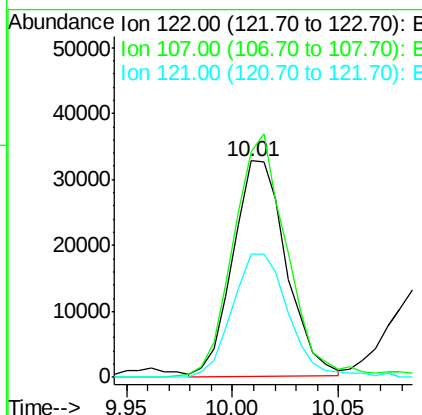
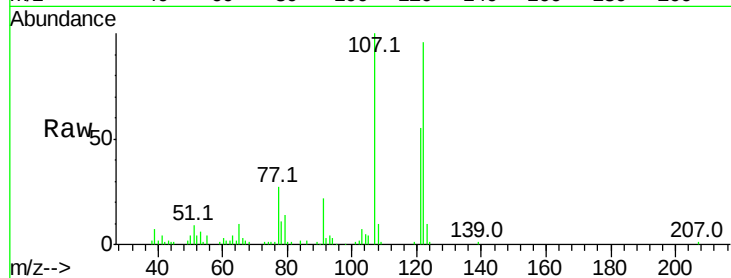




#27
 2,4-Dimethylphenol
 Concen: 7.52 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

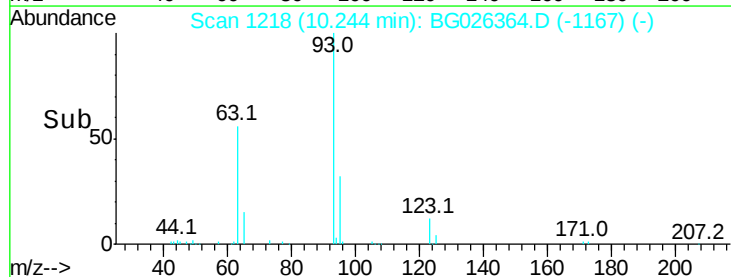
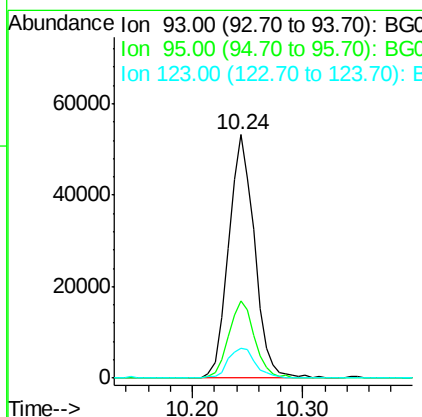
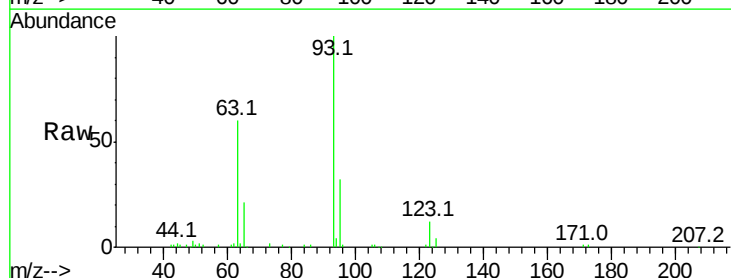
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

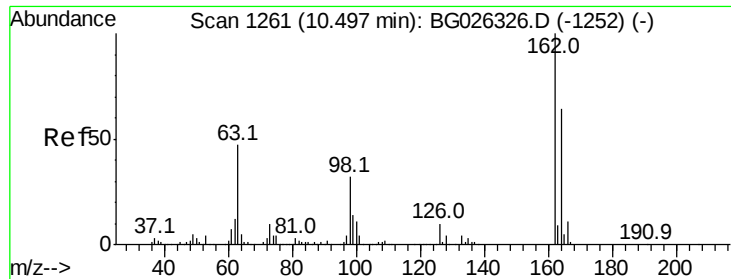
Tot Ion:122 Resp: 57214
 Ion Ratio Lower Upper
 122 100
 107 103.9 104.2 156.4#
 121 56.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.96 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion: 93 Resp: 87927
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.7 38.5
 123 12.0 8.3 12.5

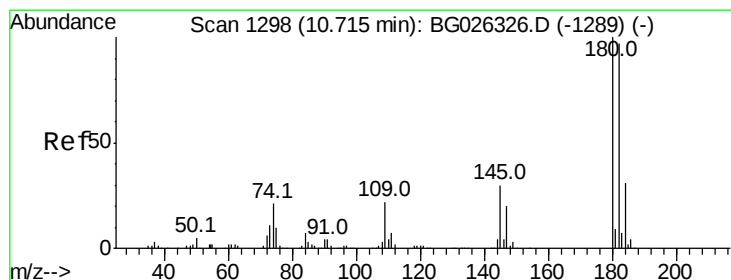
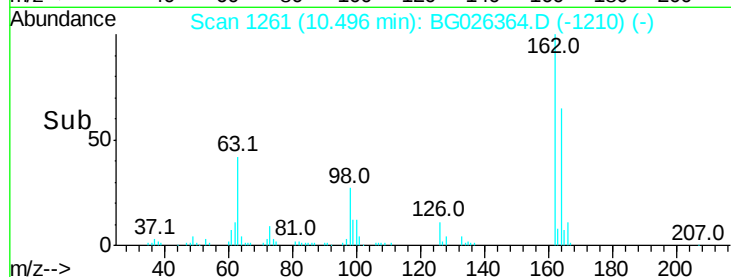
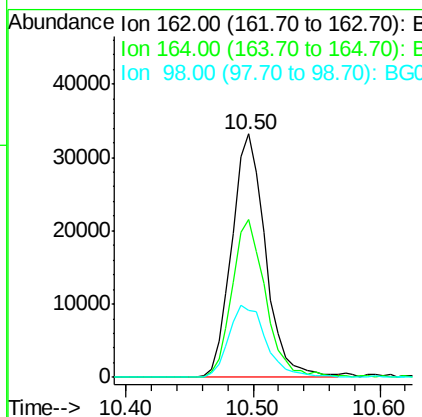
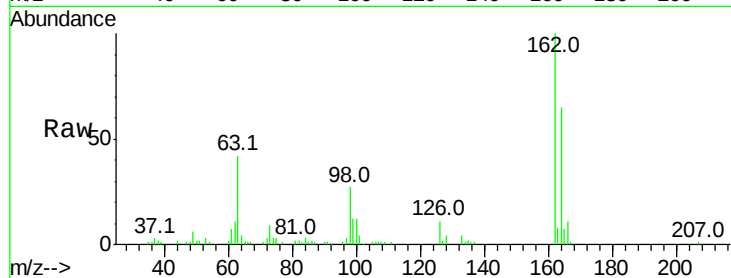




#29
 2,4-Dichlorophenol
 Concen: 7.94 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

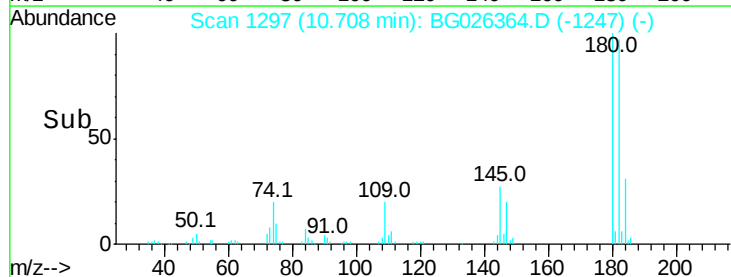
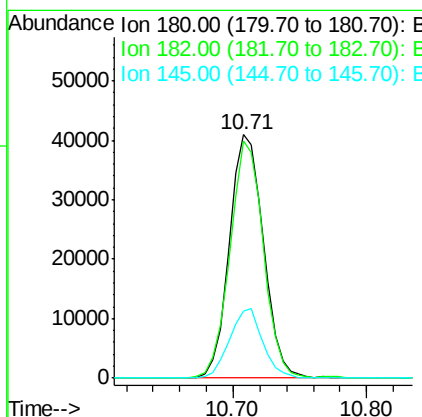
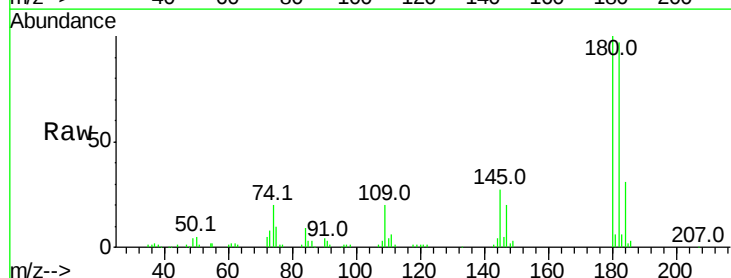
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

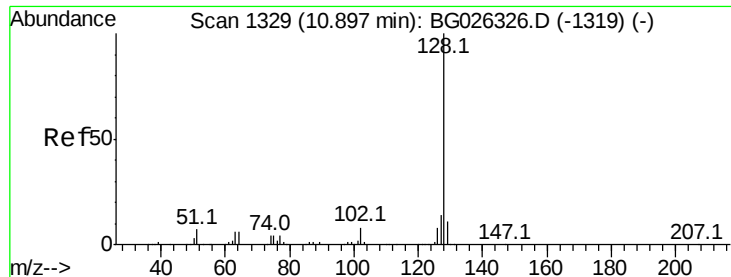
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.4	82.4
98	27.3	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 8.39 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.0	115.4
145	27.4	23.4	35.0

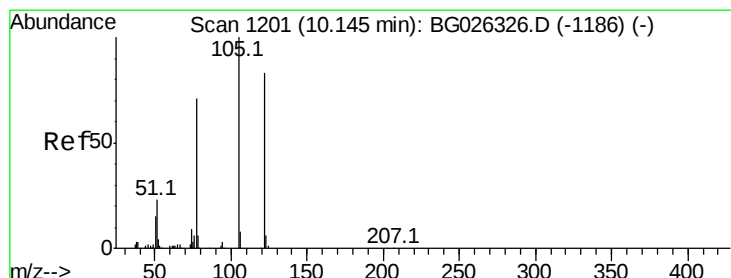
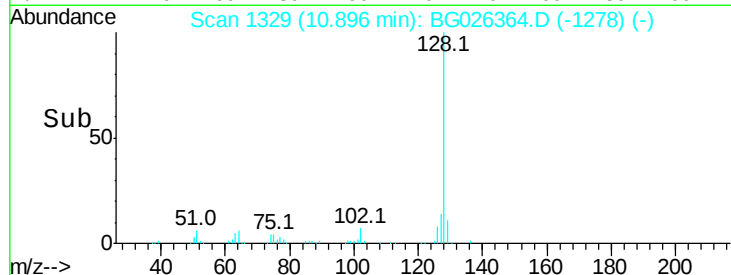
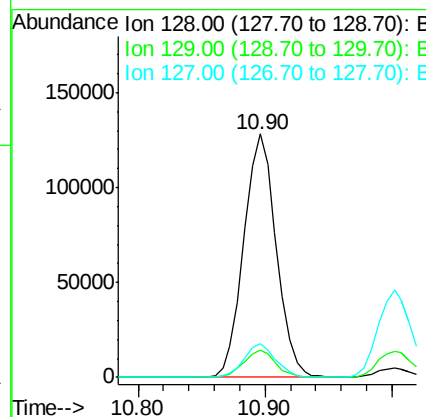
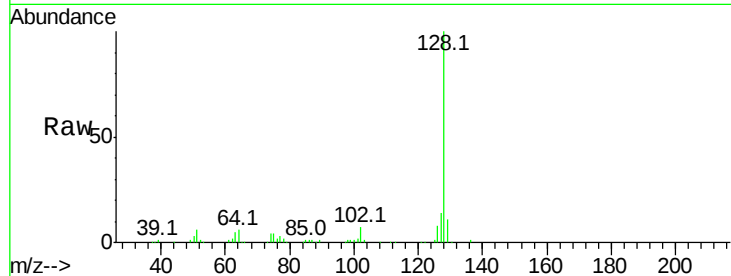




#31
Naphthalene
Concen: 8.29 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

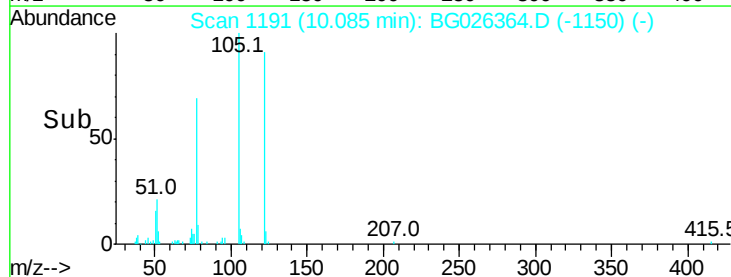
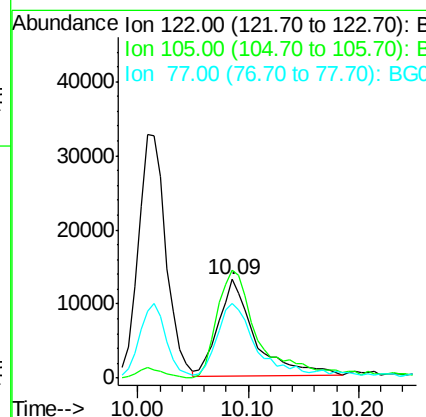
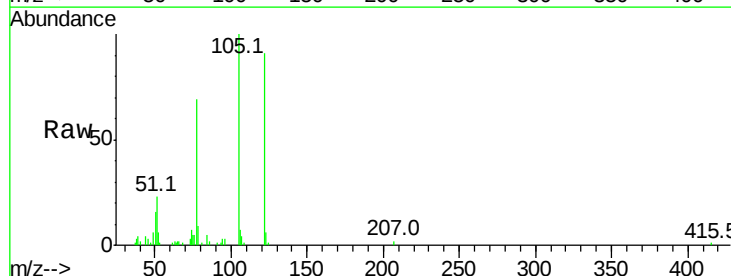
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

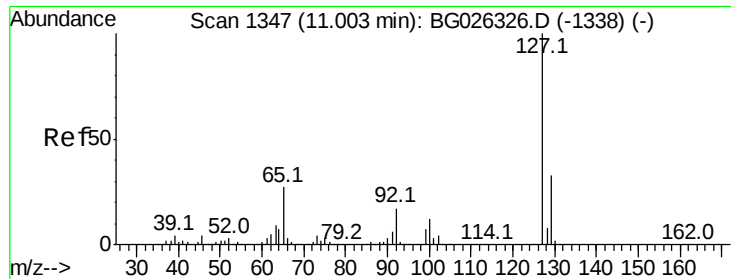
Tot Ion:128 Resp: 227583
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 5.11 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.06 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:122 Resp: 29933
Ion Ratio Lower Upper
122 100
105 109.6 120.1 160.1#
77 75.1 104.6 144.6#

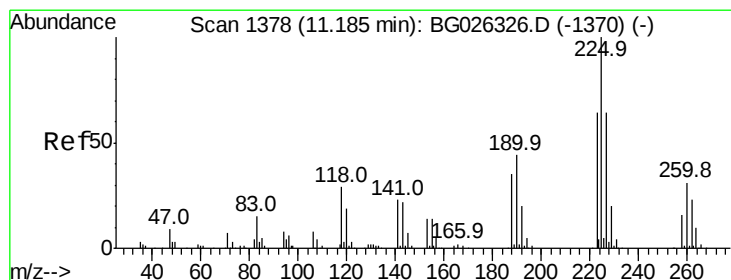
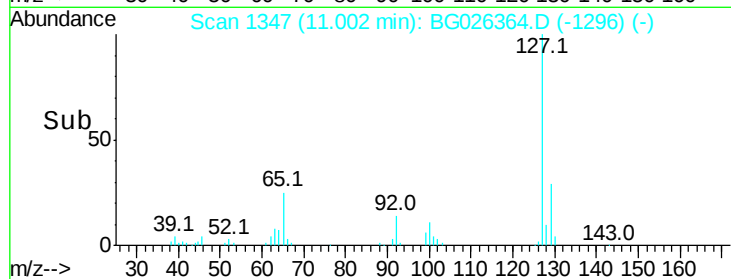
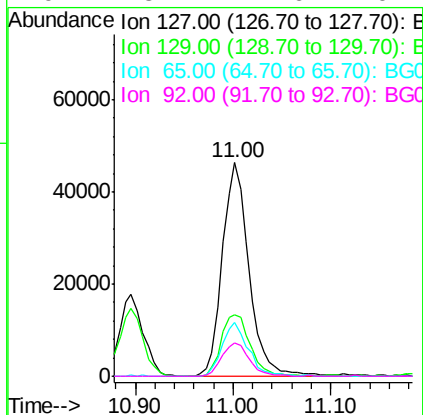
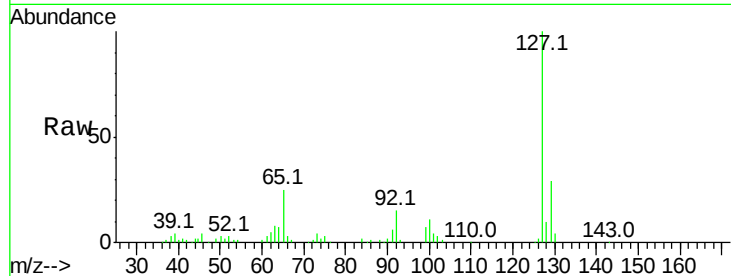




#33
4-Chloroaniline
Concen: 7.89 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

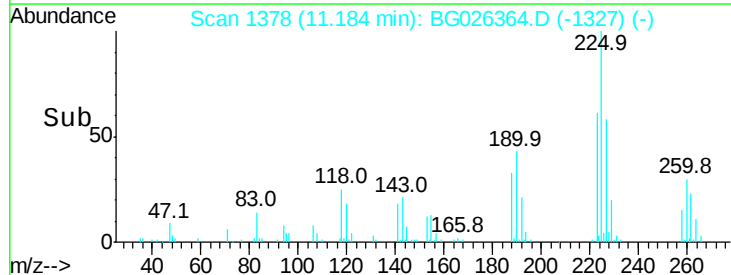
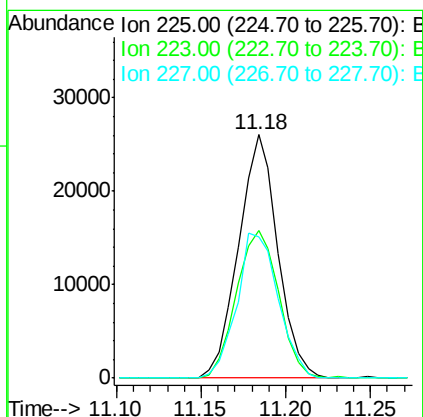
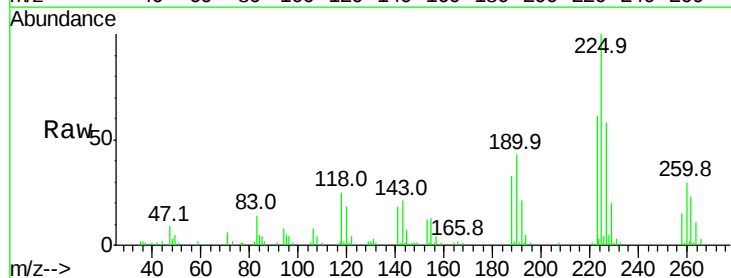
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

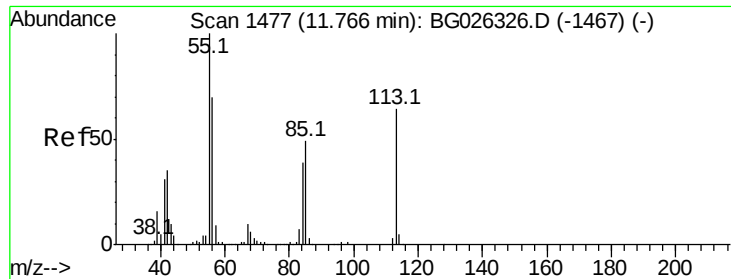
Tot Ion:127 Resp: 88084
Ion Ratio Lower Upper
127 100
129 29.0 23.6 35.4
65 25.1 37.7 56.5#
92 15.4 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 8.21 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:225 Resp: 41910
Ion Ratio Lower Upper
225 100
223 60.7 50.7 76.1
227 58.0 49.0 73.6





#35

Caprolactam

Concen: 6.86 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

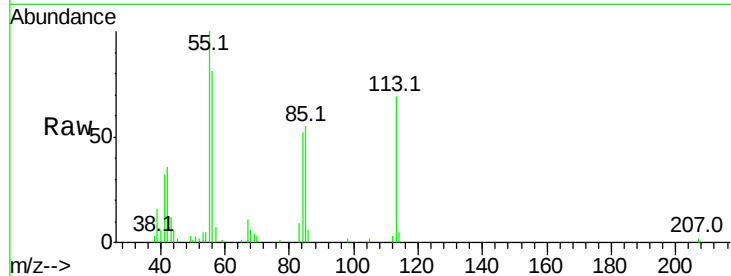
Tot Ion:113 Resp: 20815

Ion Ratio Lower Upper

113 100

55 144.1 198.6 238.6#

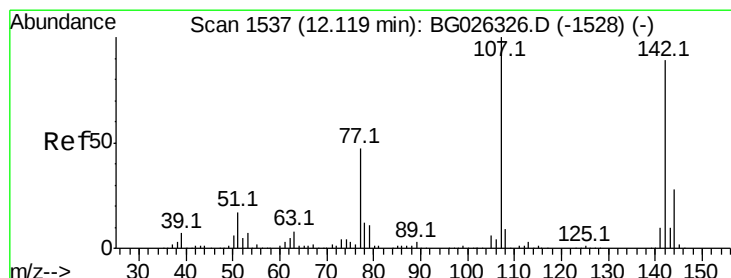
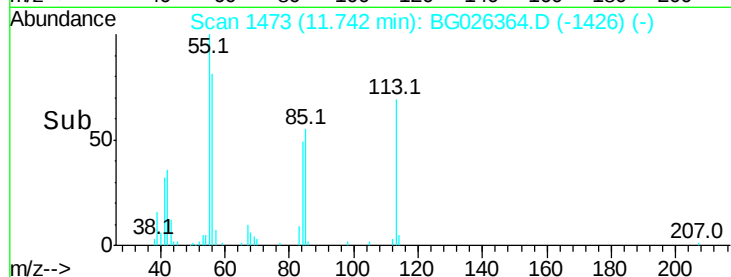
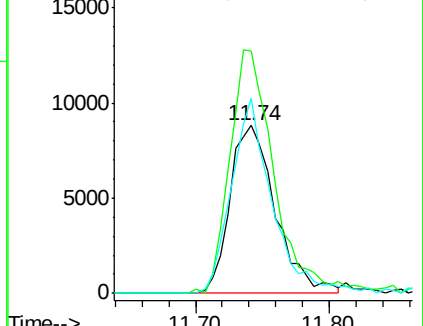
56 116.5 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 7.39 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

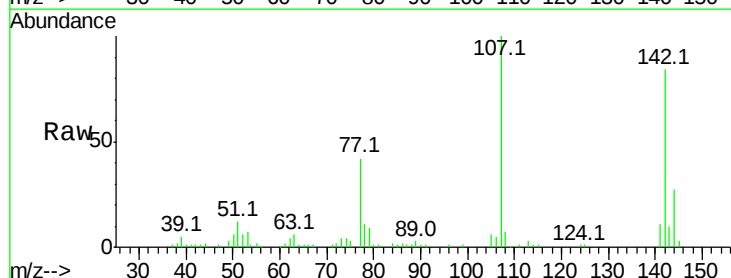
Tgt Ion:107 Resp: 60822

Ion Ratio Lower Upper

107 100

144 26.8 17.4 26.0#

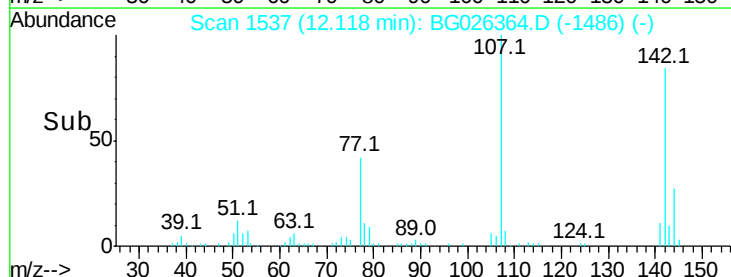
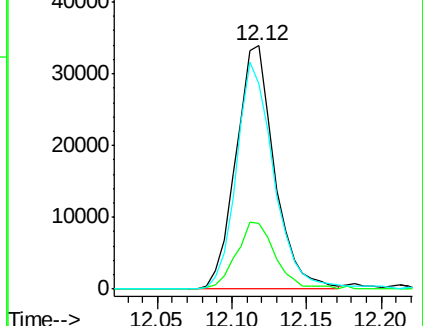
142 84.3 54.1 81.1#

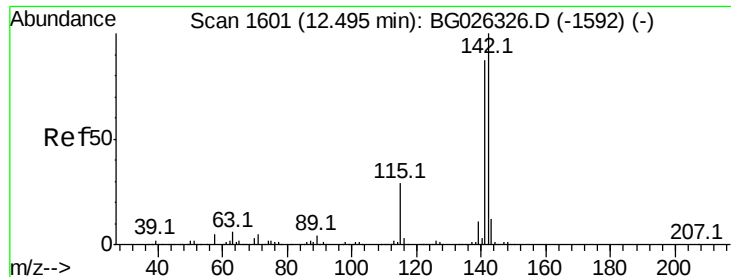


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

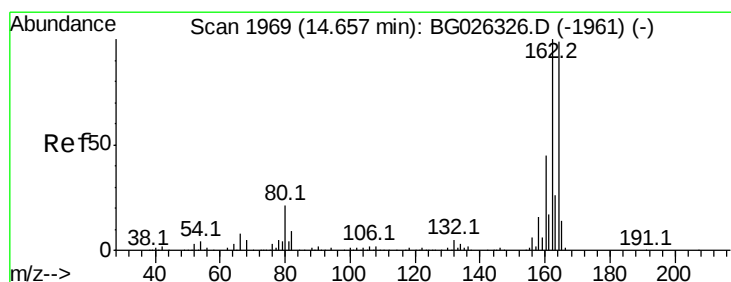
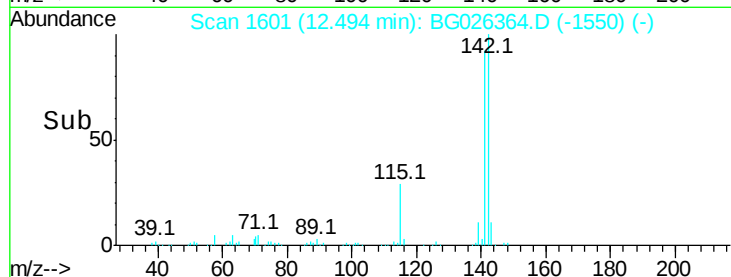
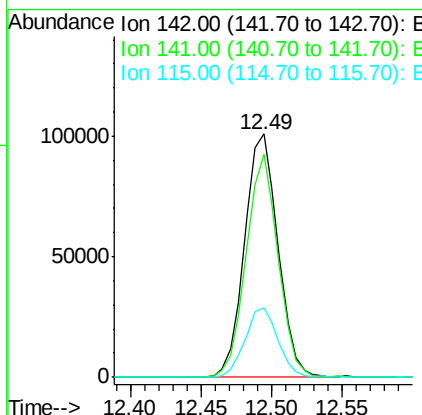
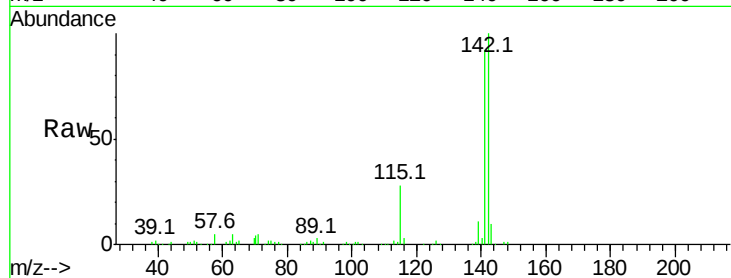




#37
2-Methylnaphthalene
Concen: 8.31 ng
RT: 12.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

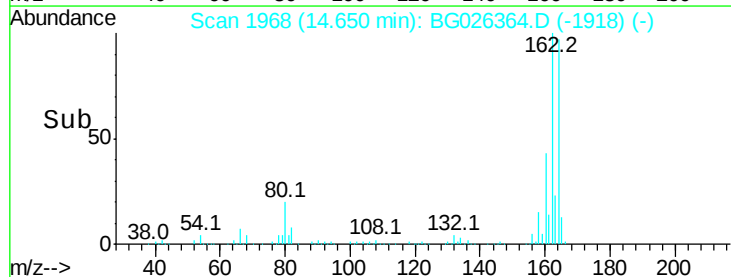
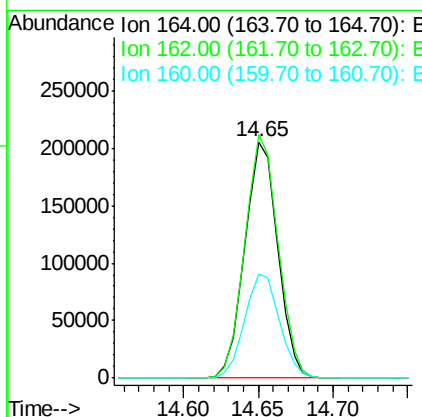
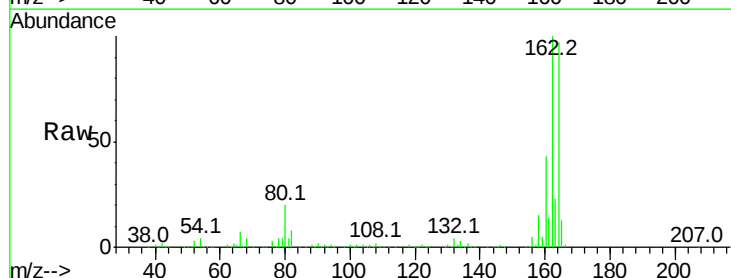
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

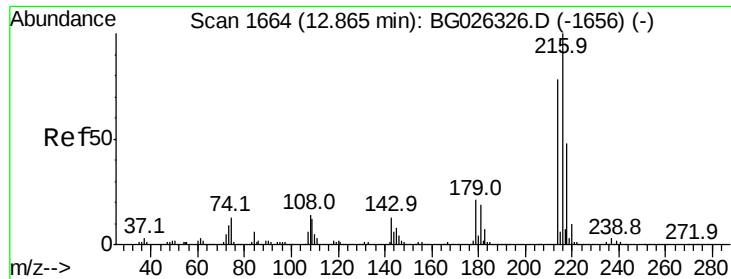
Tot Ion:142 Resp: 167072
Ion Ratio Lower Upper
142 100
141 91.5 70.4 105.6
115 28.4 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:164 Resp: 312993
Ion Ratio Lower Upper
164 100
162 103.0 85.1 127.7
160 44.3 34.7 52.1

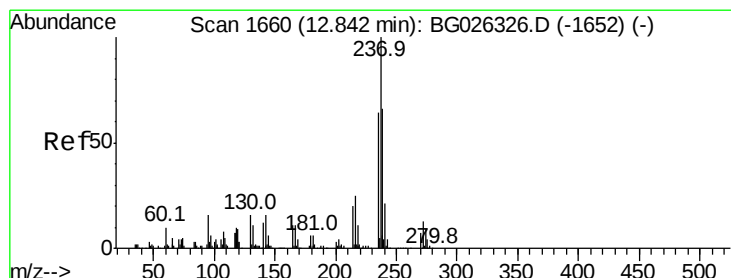
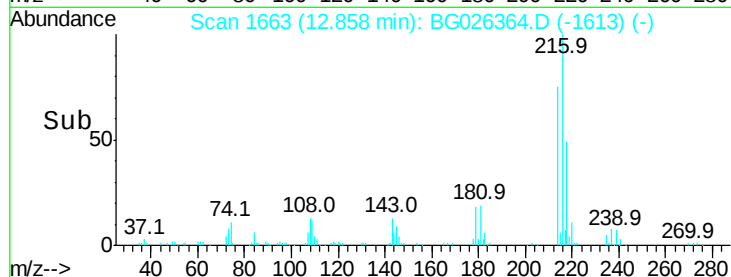
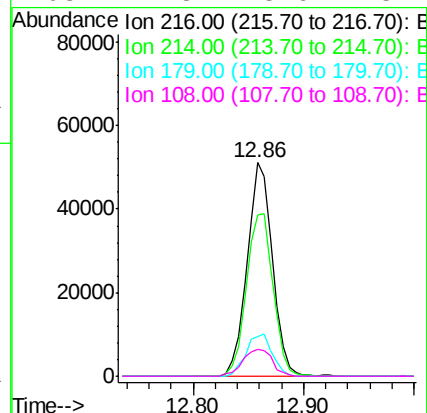
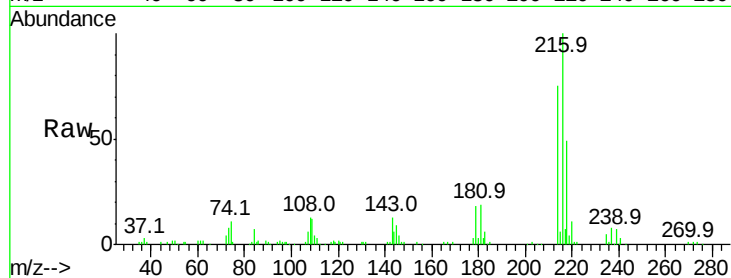




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.73 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

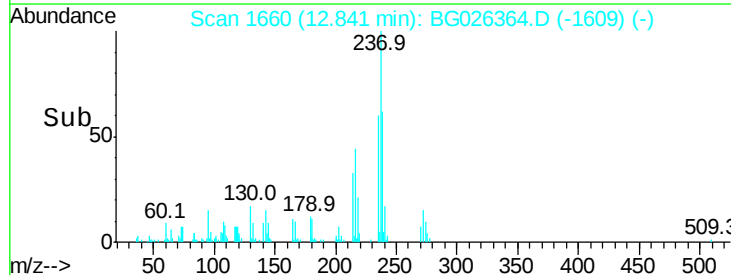
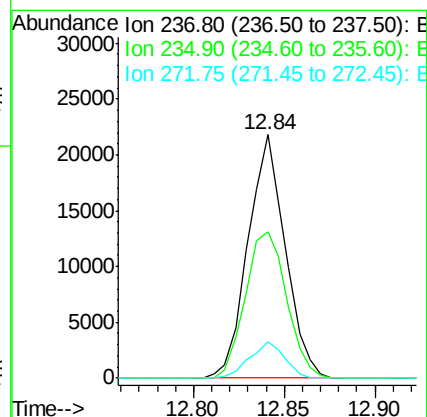
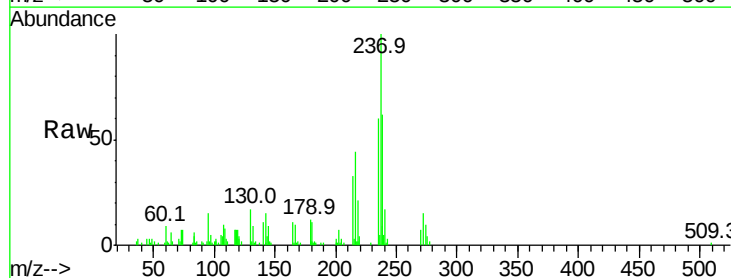
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

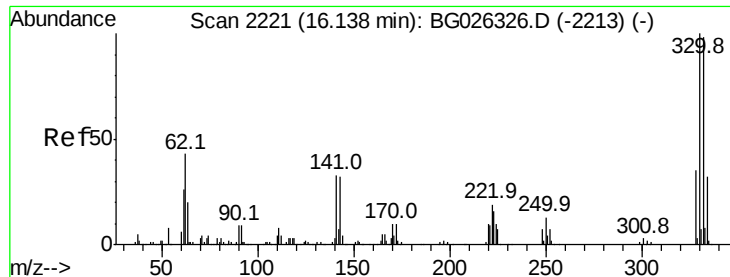
Tot Ion:	216	Resp:	82209
Ion	Ratio	Lower	Upper
216	100		
214	80.2	64.4	96.6
179	20.5	17.4	26.0
108	14.8	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 6.25 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion:	237	Resp:	31003
Ion	Ratio	Lower	Upper
237	100		
235	60.3	39.4	79.4
272	15.1	0.0	32.0

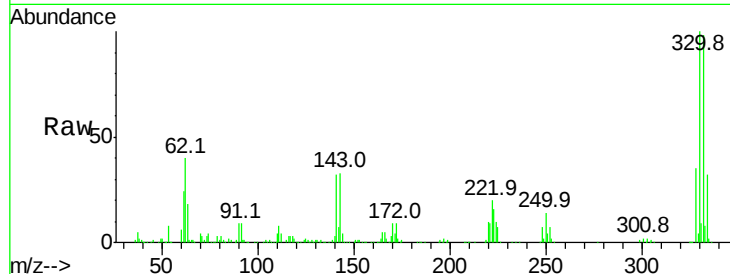




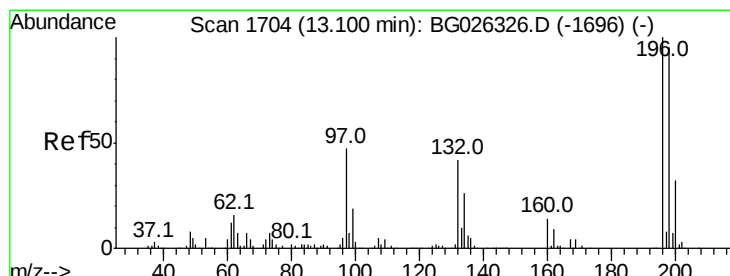
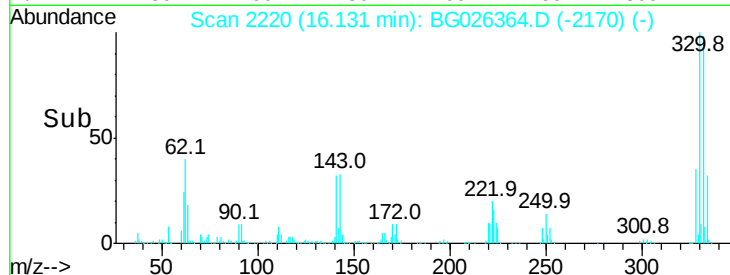
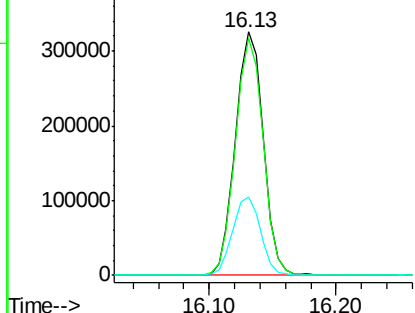
#41
 2,4,6-Tribromophenol
 Concen: 138.02 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Tot Ion:330 Resp: 494718
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 32.2 32.1 48.1

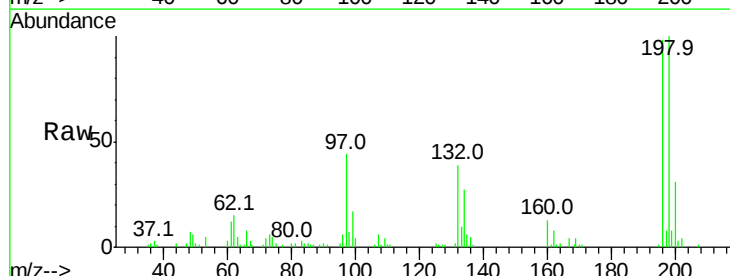


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

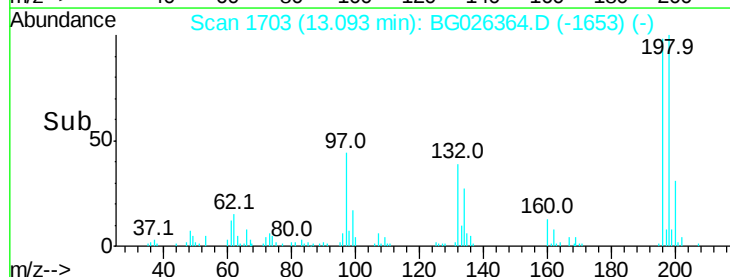
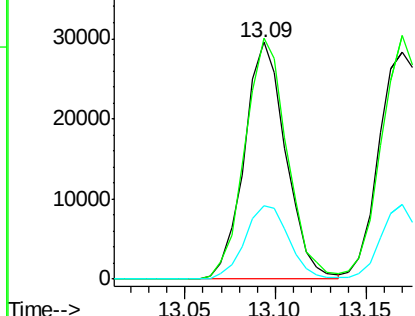


#42
 2,4,6-Trichlorophenol
 Concen: 7.64 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion:196 Resp: 47138
 Ion Ratio Lower Upper
 196 100
 198 101.9 81.4 122.2
 200 31.1 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

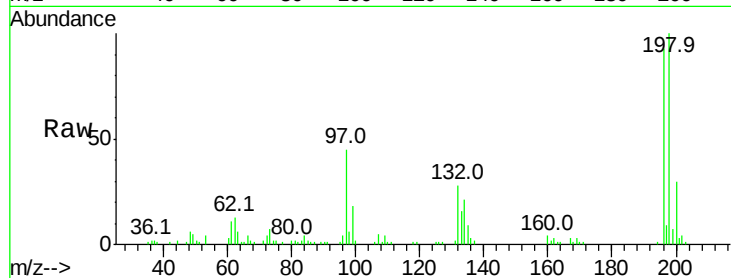




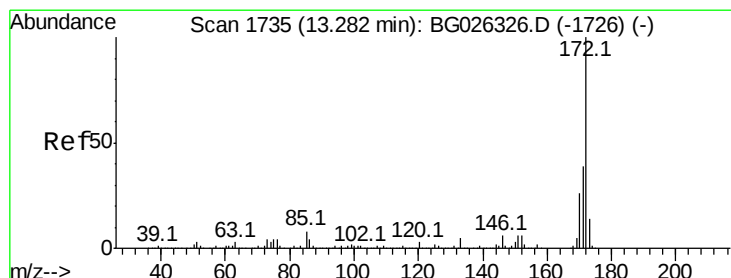
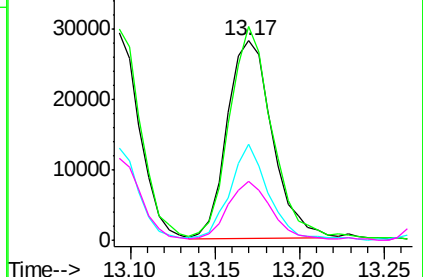
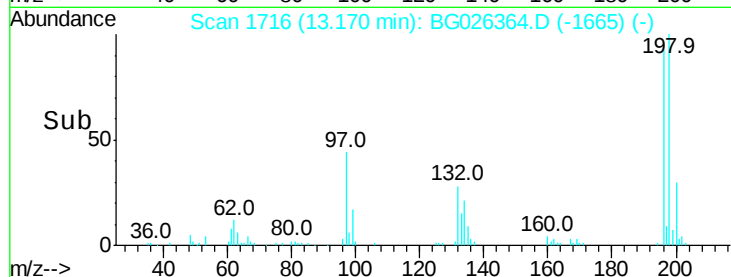
#43
 2,4,5-Trichlorophenol
 Concen: 7.66 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Tot Ion:196 Resp: 52195
 Ion Ratio Lower Upper
 196 100
 198 107.3 79.9 119.9
 97 47.9 45.4 68.0
 132 29.7 20.7 31.1

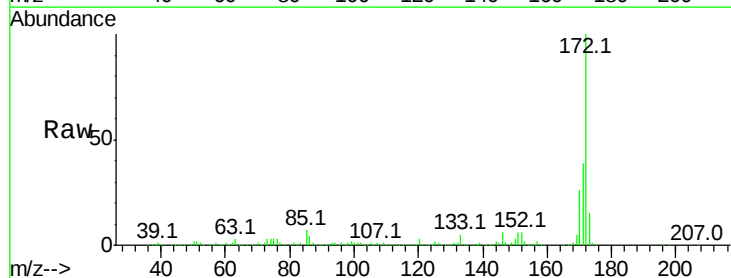


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

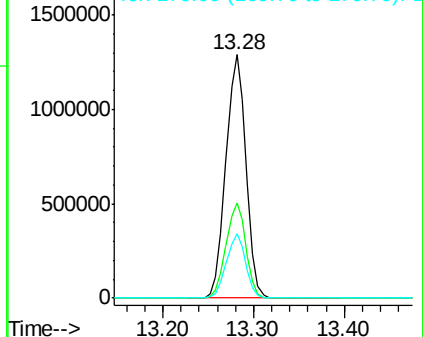
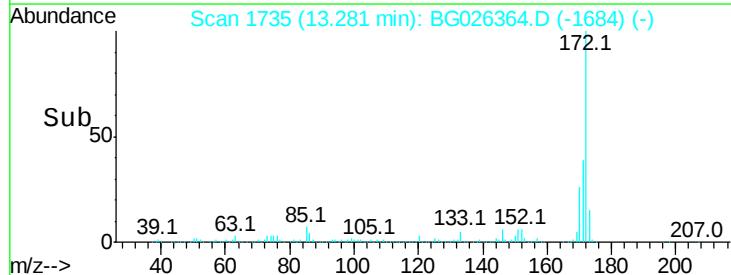


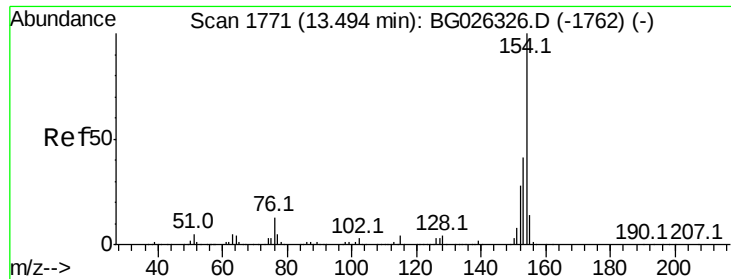
#44
 2-Fluorobiphenyl
 Concen: 88.30 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion:172 Resp: 1970755
 Ion Ratio Lower Upper
 172 100
 171 39.3 32.2 48.2
 170 26.2 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

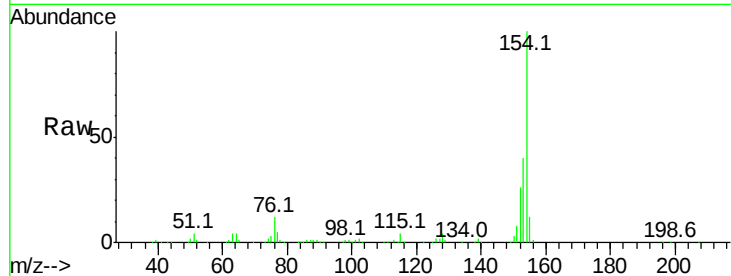




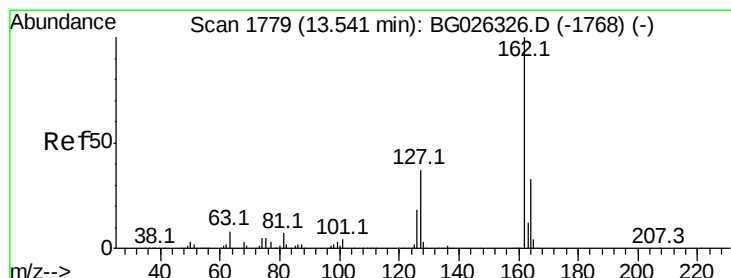
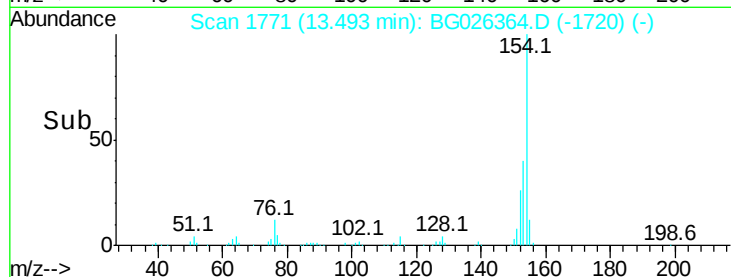
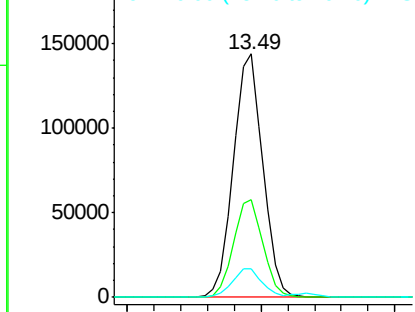
#45
 1,1'-Biphenyl
 Concen: 8.51 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Tot Ion:	154	Resp:	220471
Ion	Ratio	Lower	Upper
154	100		
153	39.9	23.0	63.0
76	11.7	0.0	33.5

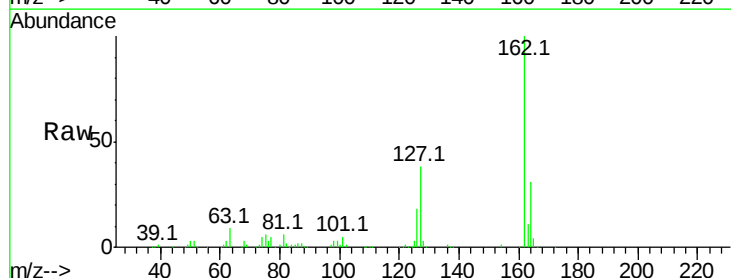


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

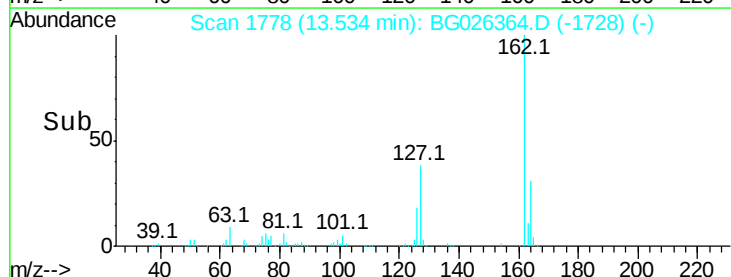
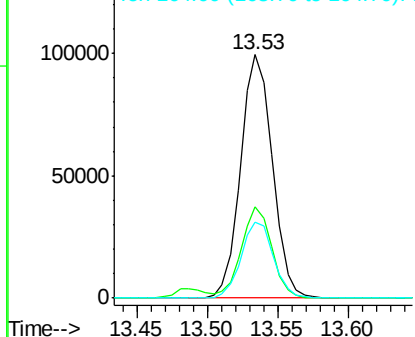


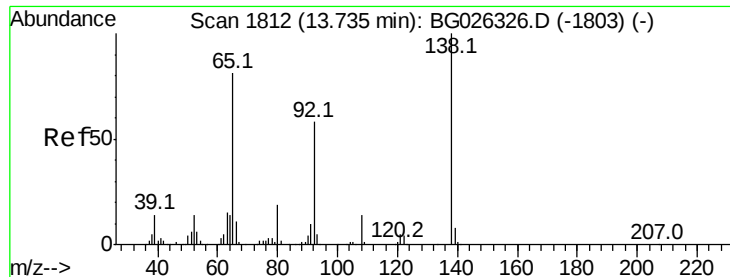
#46
 2-Chloronaphthalene
 Concen: 8.29 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion:	162	Resp:	156936
Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.2	48.4
164	31.1	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

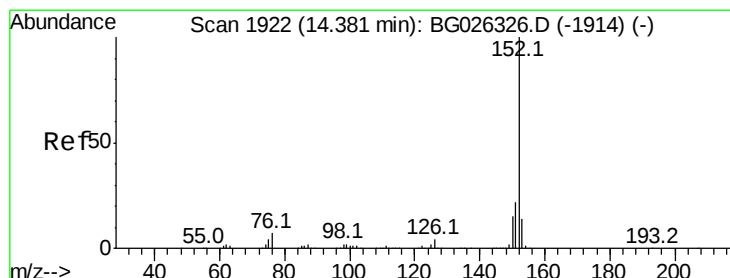
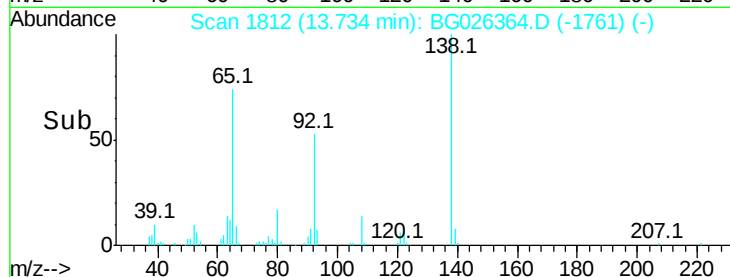
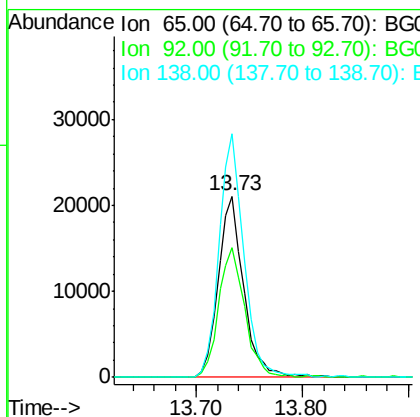
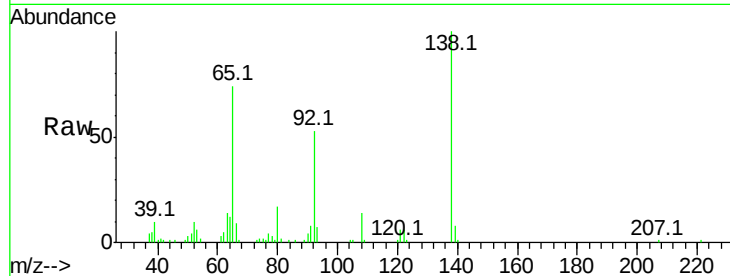




#47
2-Nitroaniline
Concen: 6.55 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

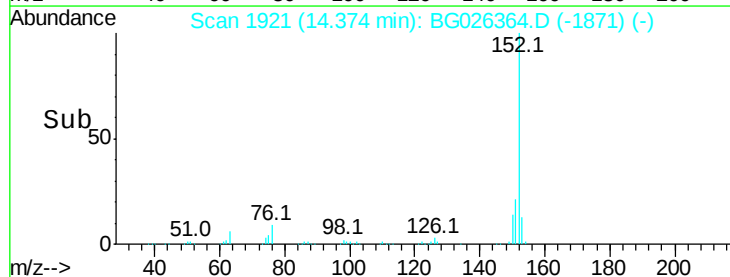
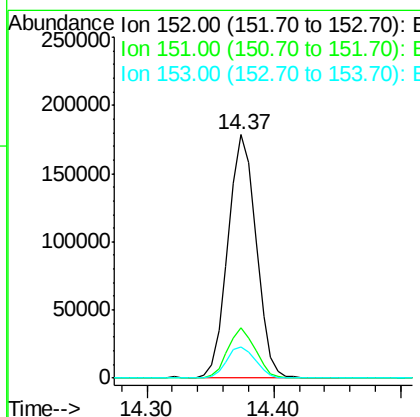
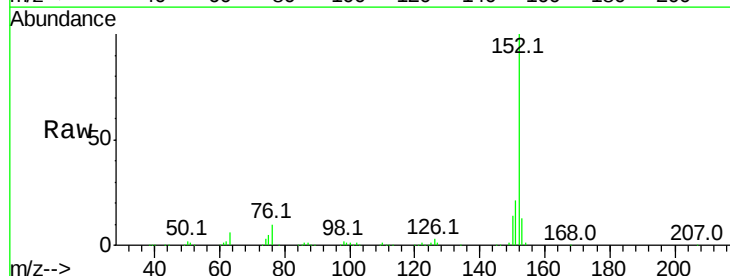
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

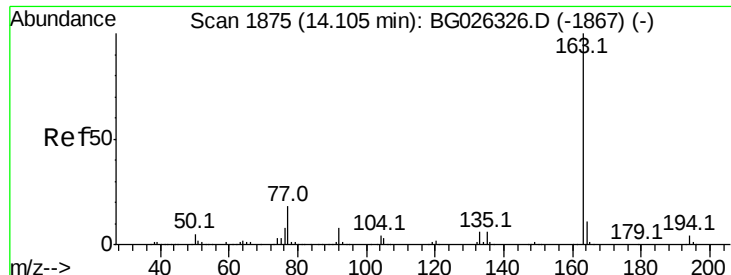
Tot Ion: 65 Resp: 35243
Ion Ratio Lower Upper
65 100
92 71.5 49.0 73.4
138 134.2 58.6 87.8#



#48
Acenaphthylene
Concen: 8.31 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion: 152 Resp: 274413
Ion Ratio Lower Upper
152 100
151 20.8 18.2 27.2
153 13.0 11.3 16.9

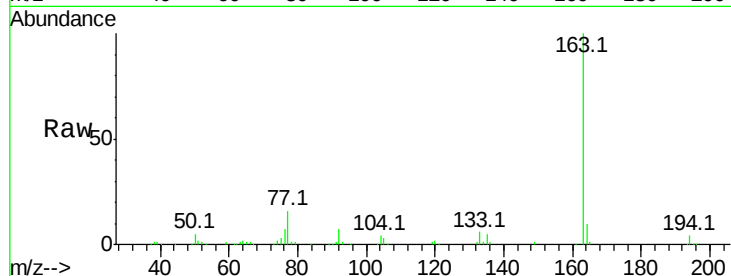




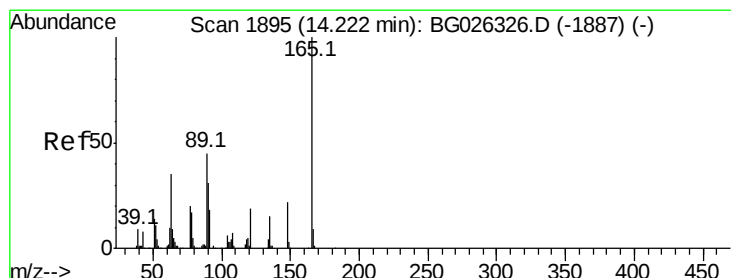
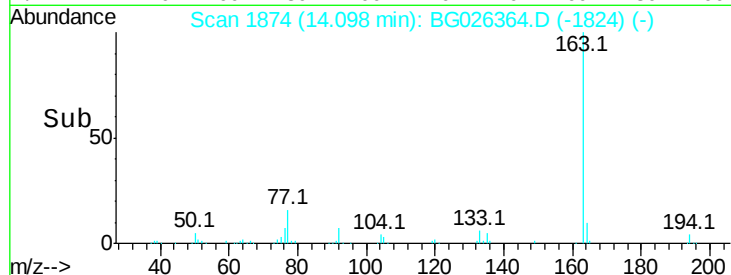
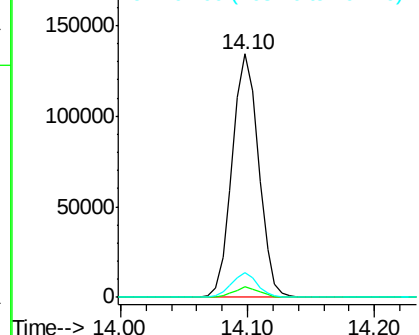
#49
Dimethylphthalate
Concen: 8.16 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

Tot Ion:163 Resp: 192801
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.3 9.3 13.9

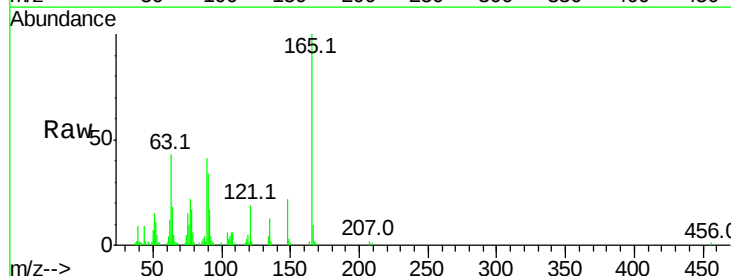


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

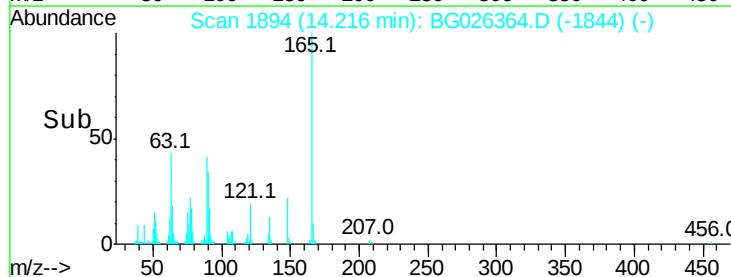
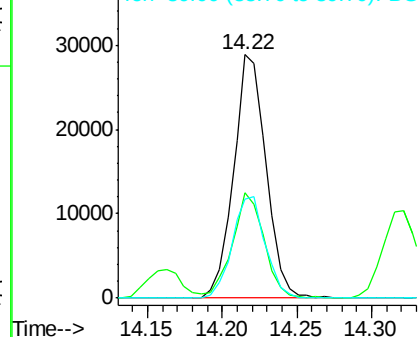


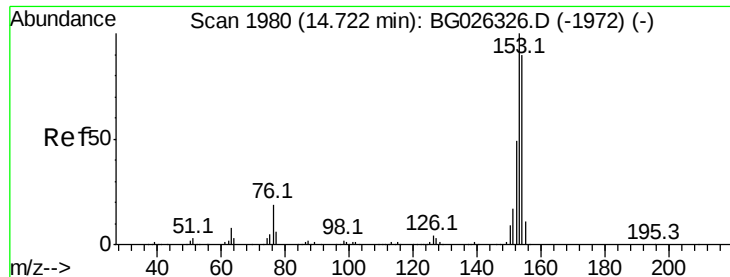
#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:165 Resp: 43638
Ion Ratio Lower Upper
165 100
63 43.3 63.9 95.9#
89 40.7 58.6 88.0#



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





#51

Acenaphthene

Concen: 8.30 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

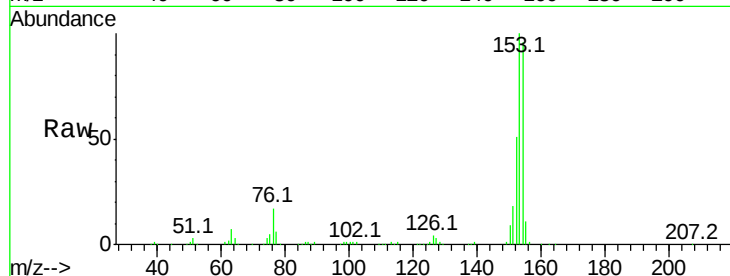
Tot Ion:154 Resp: 168670

Ion Ratio Lower Upper

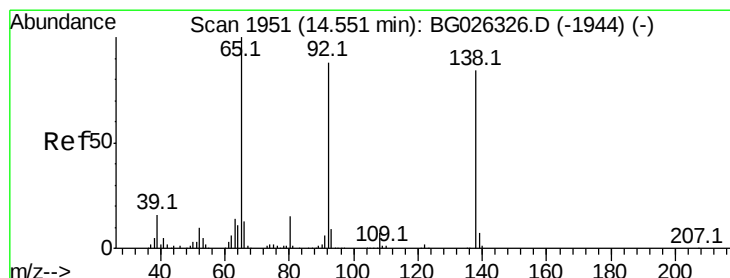
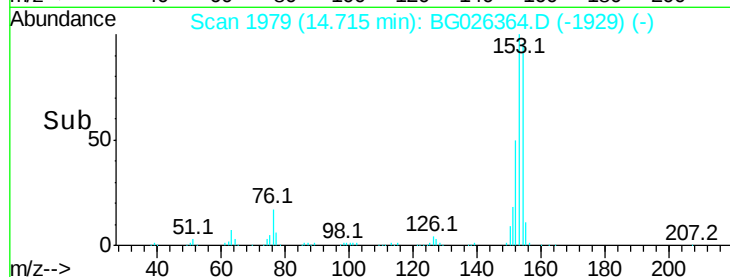
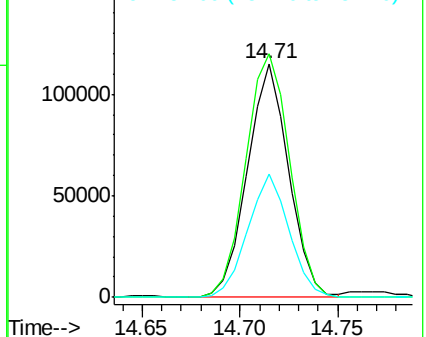
154 100

153 104.1 87.8 131.6

152 52.7 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.22 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

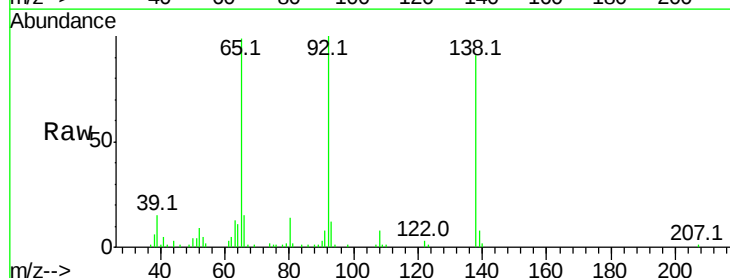
Tgt Ion:138 Resp: 43828

Ion Ratio Lower Upper

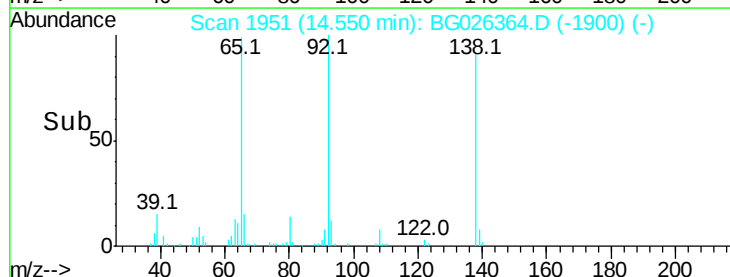
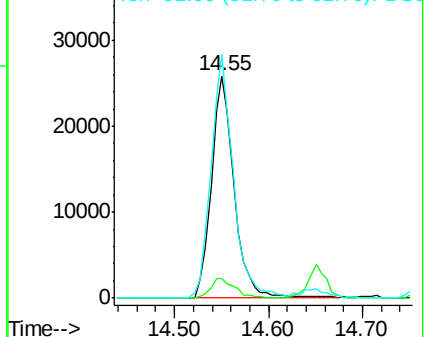
138 100

108 8.9 10.9 16.3#

92 109.7 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 3.95 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

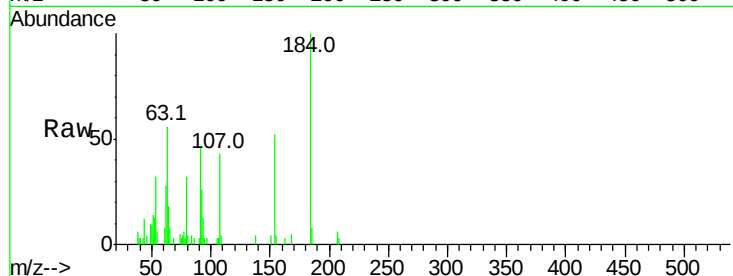
Tot Ion:184 Resp: 12627

Ion Ratio Lower Upper

184 100

63 55.6 52.7 79.1

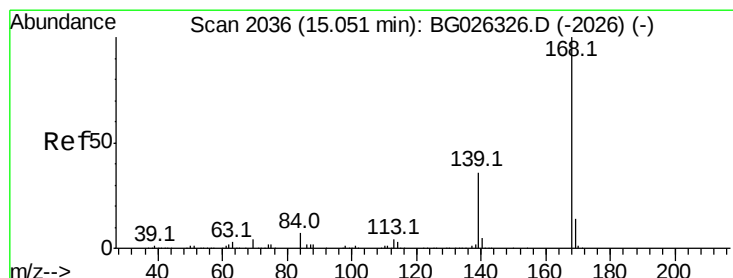
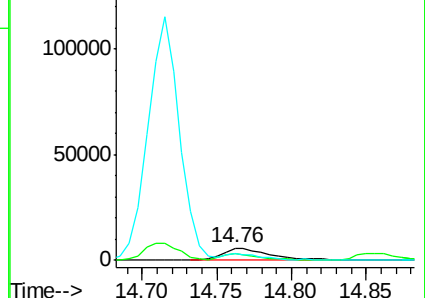
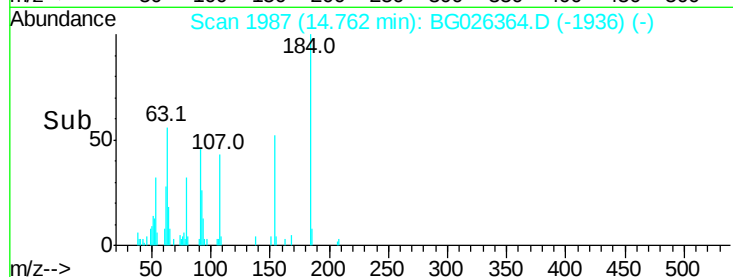
154 52.3 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 8.63 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

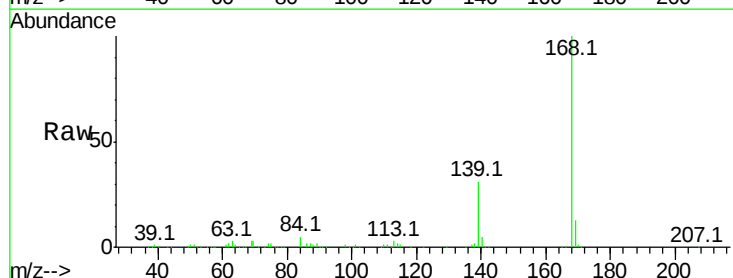
Tgt Ion:168 Resp: 246990

Ion Ratio Lower Upper

168 100

139 30.8 35.3 52.9#

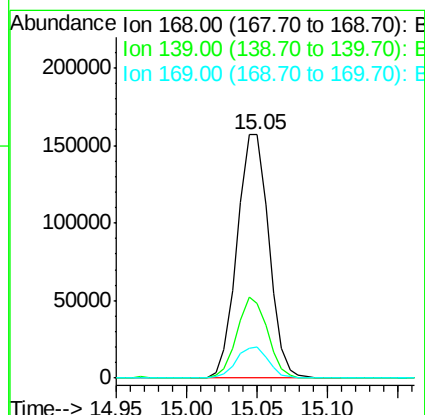
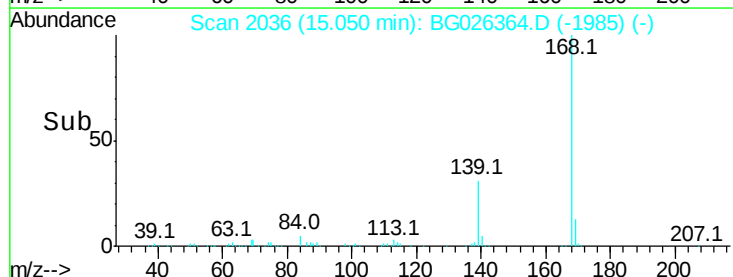
169 12.9 11.5 17.3



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

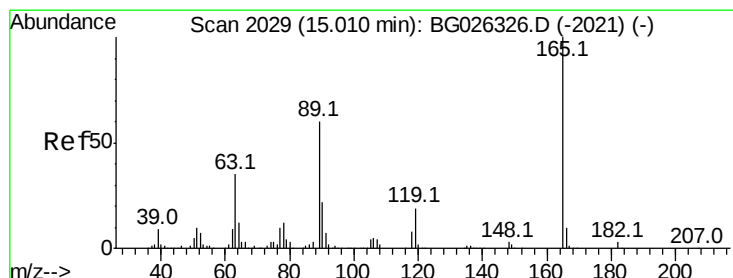
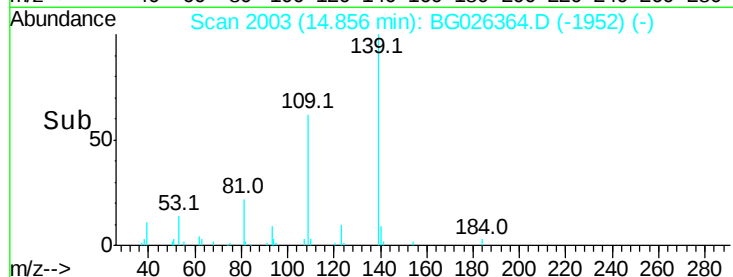
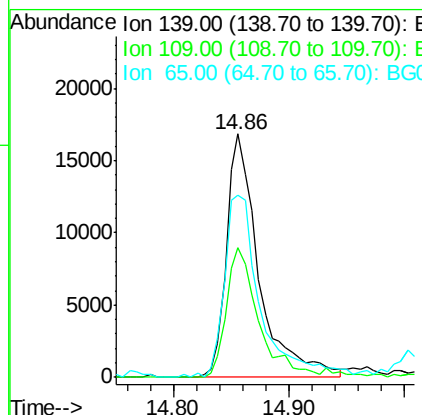
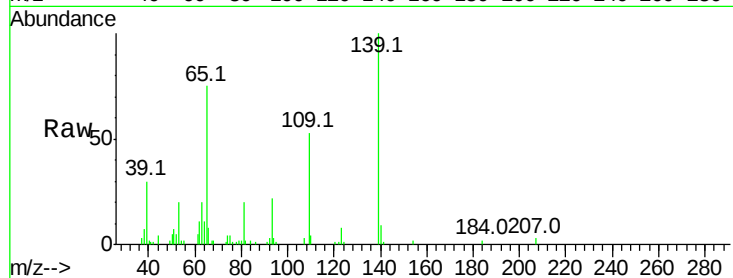




#55
4-Nitrophenol
Concen: 6.60 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

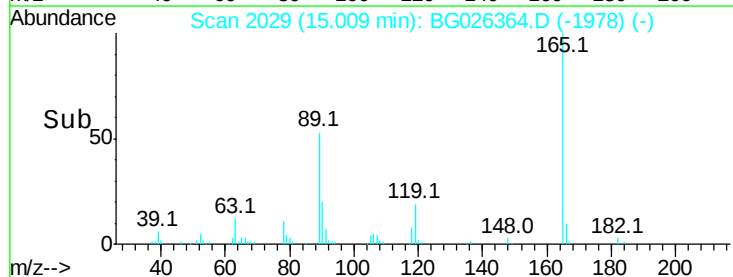
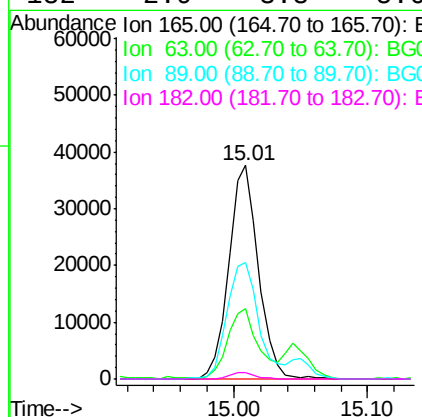
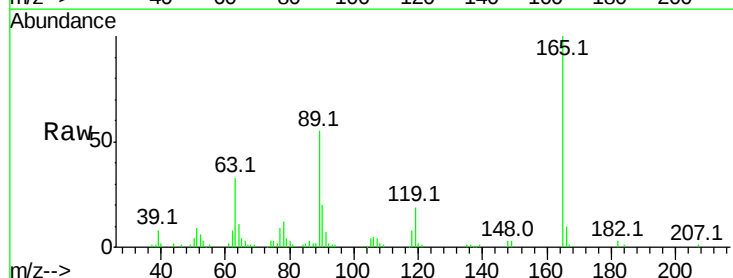
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

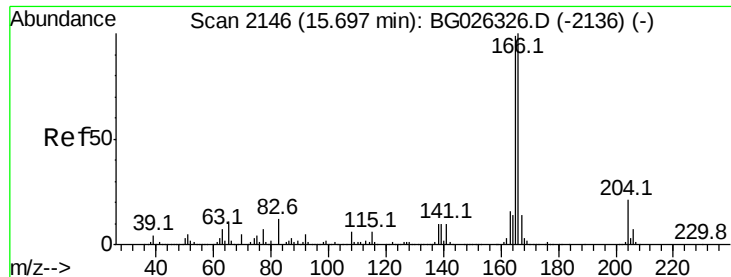
Tot Ion:139 Resp: 32818
Ion Ratio Lower Upper
139 100
109 53.1 101.2 141.2#
65 74.8 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:165 Resp: 58057
Ion Ratio Lower Upper
165 100
63 33.0 44.0 66.0#
89 54.6 67.3 100.9#
182 2.9 3.8 5.6#





#57

Fluorene

Concen: 8.53 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

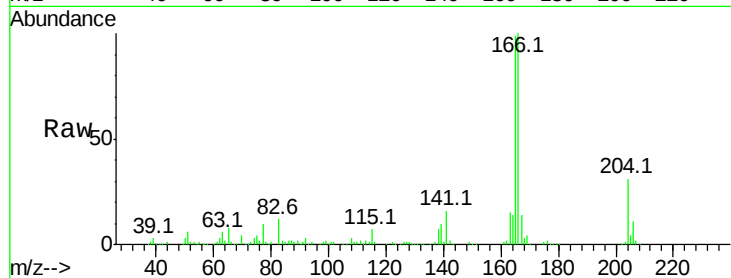
Tot Ion:166 Resp: 217268

Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

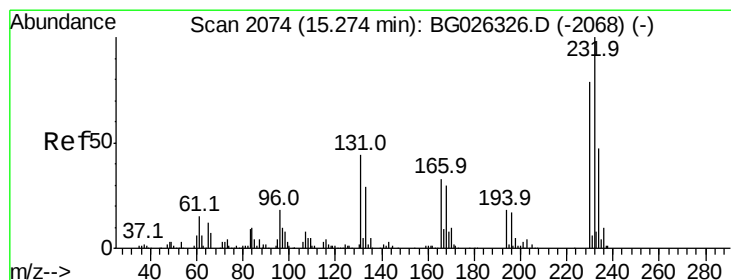
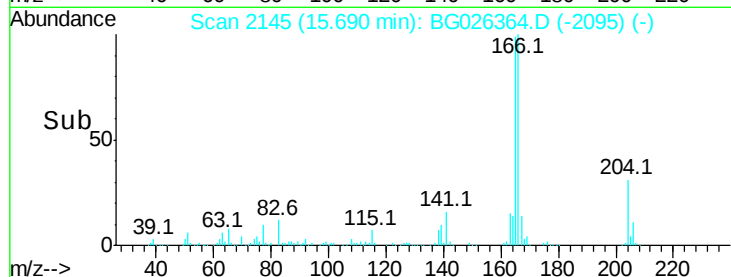
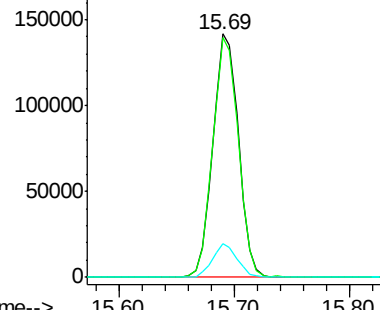
167 13.8 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 8.27 ng

RT: 15.27 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Tgt Ion:232 Resp: 49187

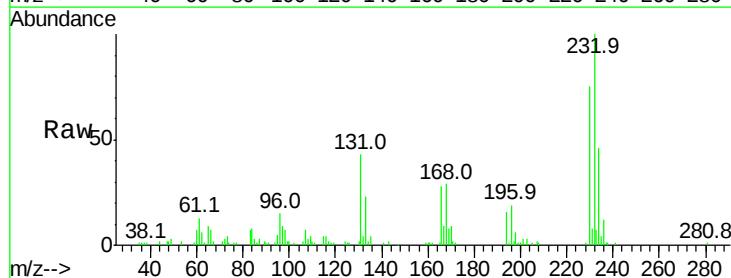
Ion Ratio Lower Upper

232 100

131 39.9 34.9 52.3

130 1.5 2.3 3.5#

166 28.6 24.2 36.4

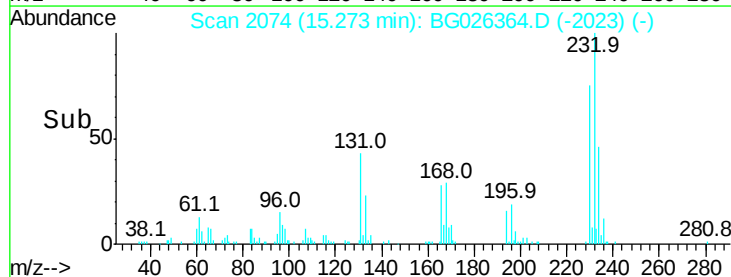
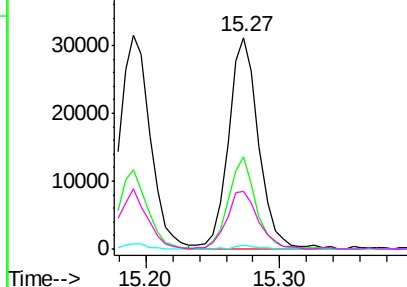


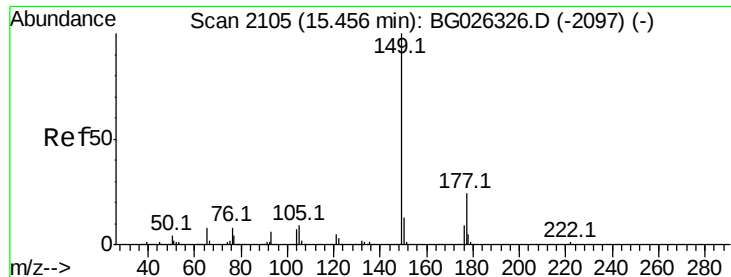
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

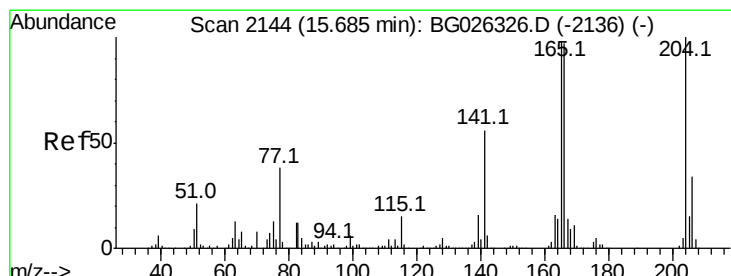
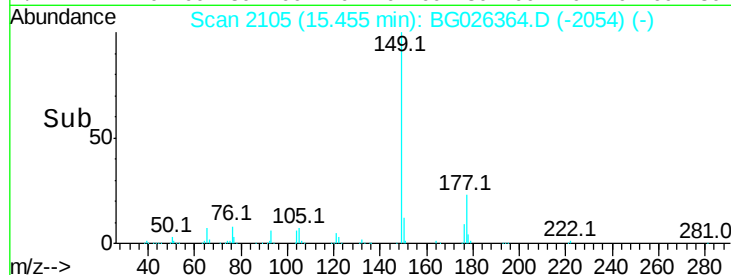
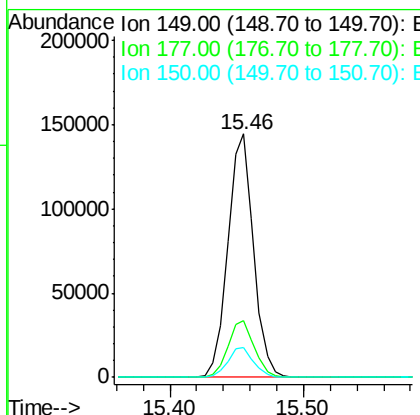
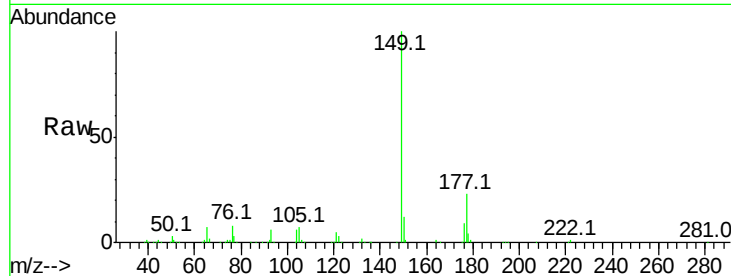




#59
Diethylphthalate
Concen: 8.01 ng
RT: 15.46 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

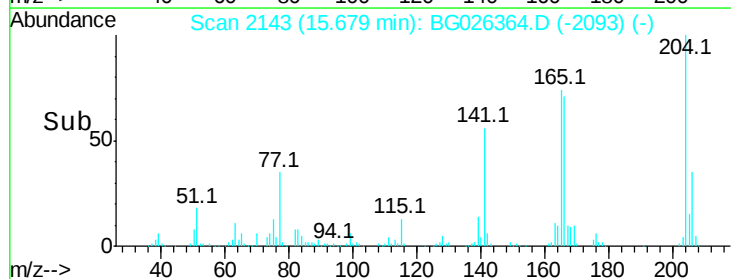
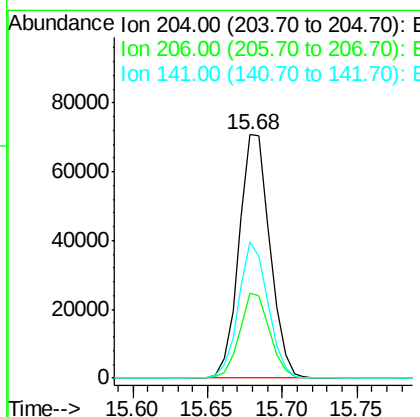
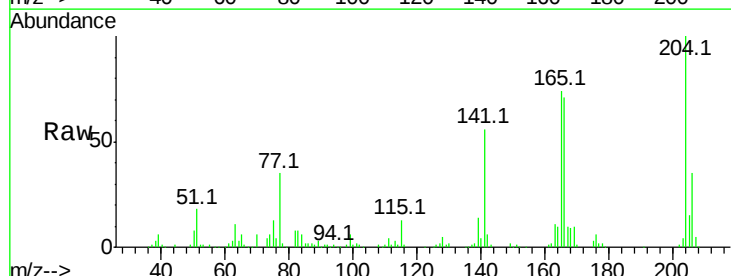
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

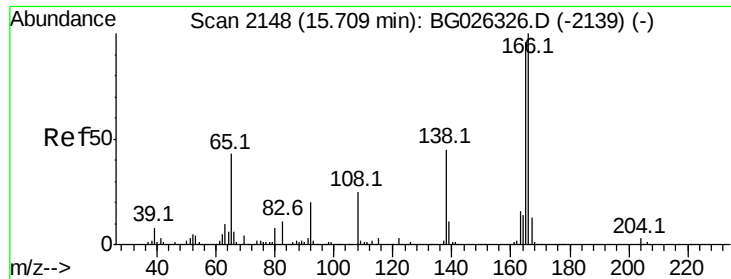
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	20.1	30.1
150	12.5	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 8.40 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	30.1	45.1
141	55.8	50.6	76.0

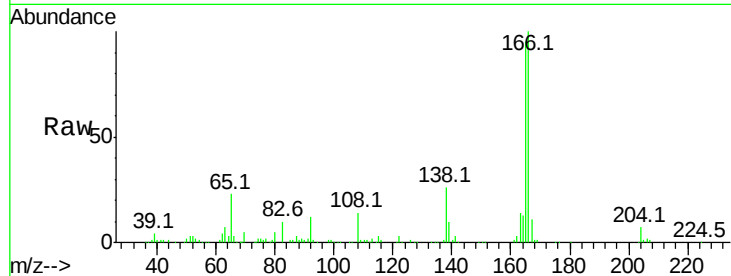




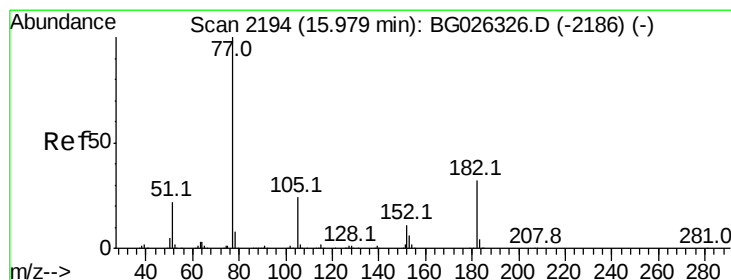
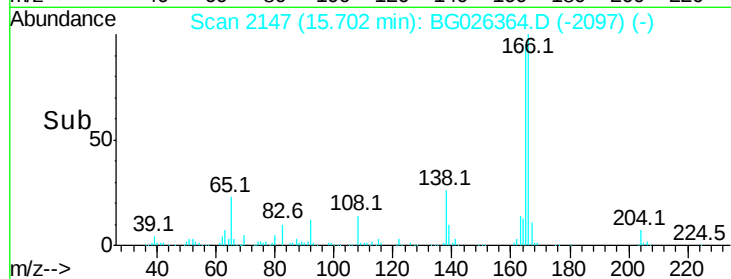
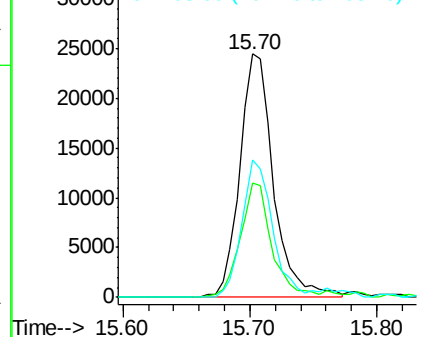
#61
4-Nitroaniline
Concen: 6.98 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

Tot Ion:138 Resp: 44799
Ion Ratio Lower Upper
138 100
92 47.1 44.2 84.2
108 56.3 104.8 144.8#

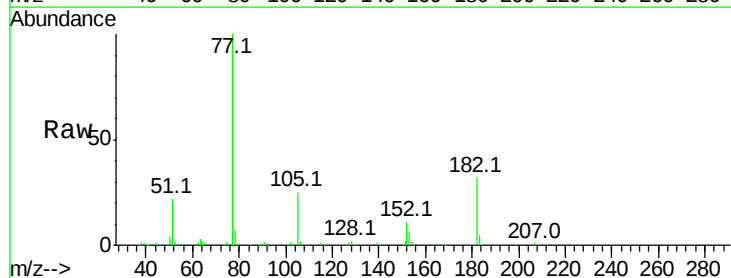


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

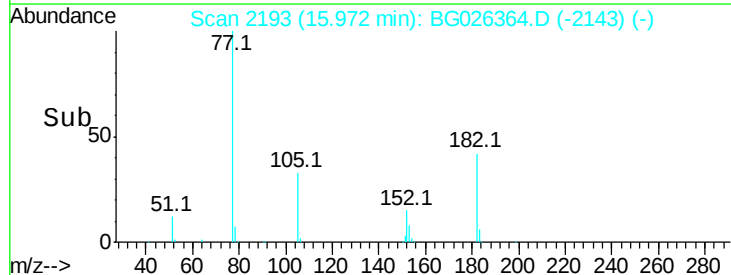
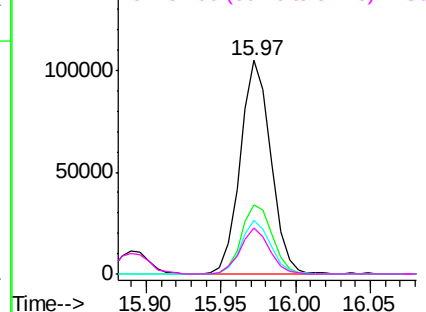


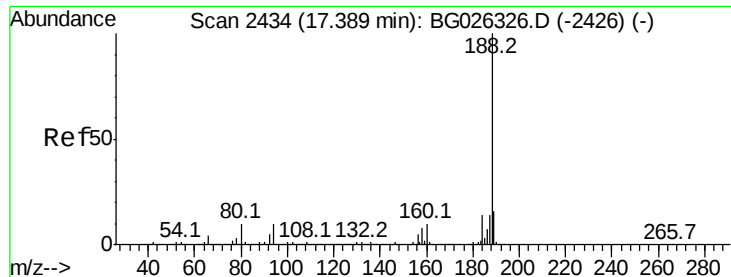
#62
Azobenzene
Concen: 7.58 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion: 77 Resp: 148836
Ion Ratio Lower Upper
77 100
182 32.3 4.7 44.7
105 25.2 0.0 36.3
51 21.5 16.4 56.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

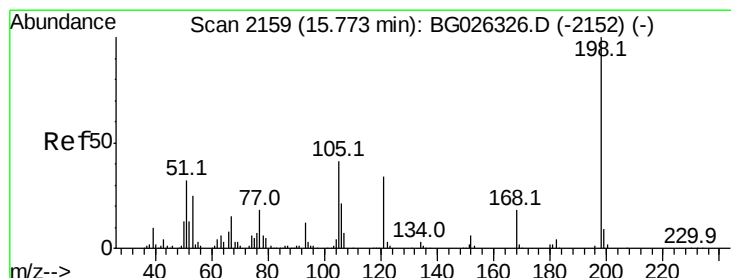
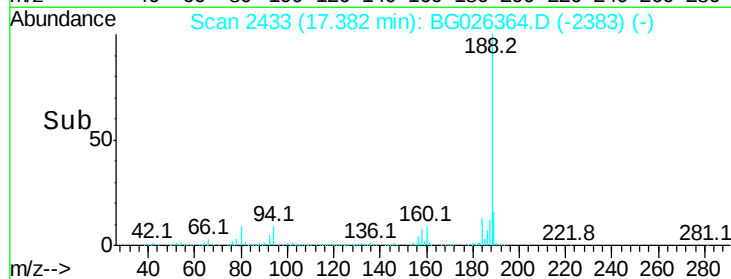
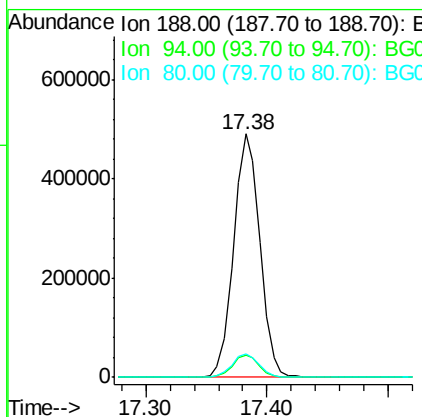
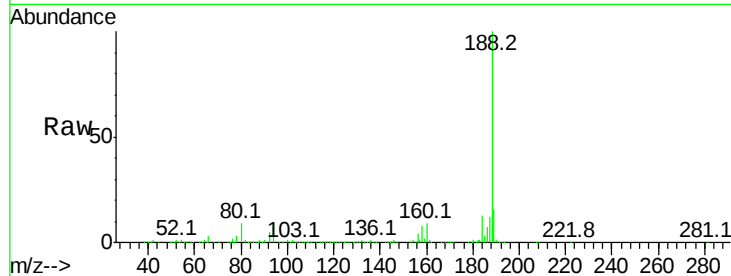




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

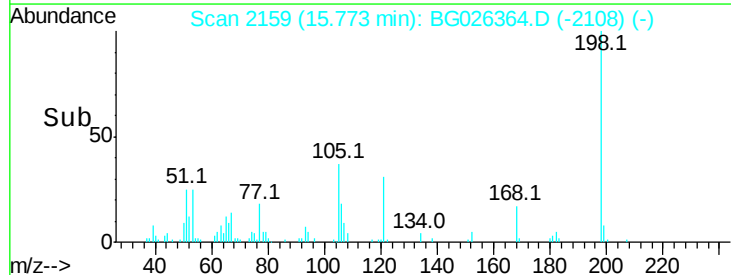
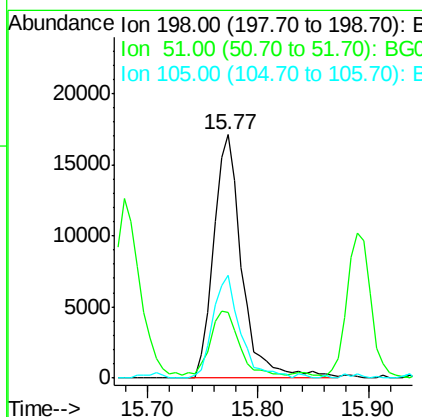
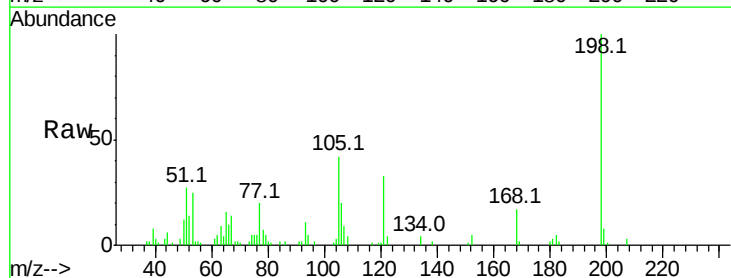
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

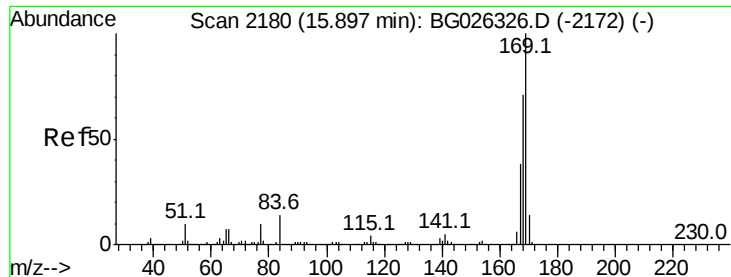
Tot Ion:188 Resp: 740537
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.8#
80 9.4 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 6.46 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:198 Resp: 30147
Ion Ratio Lower Upper
198 100
51 27.2 22.6 62.6
105 42.0 14.4 54.4

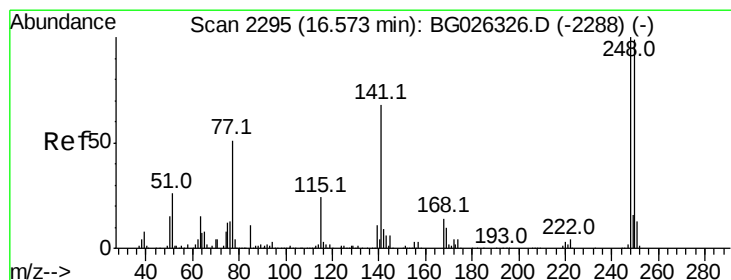
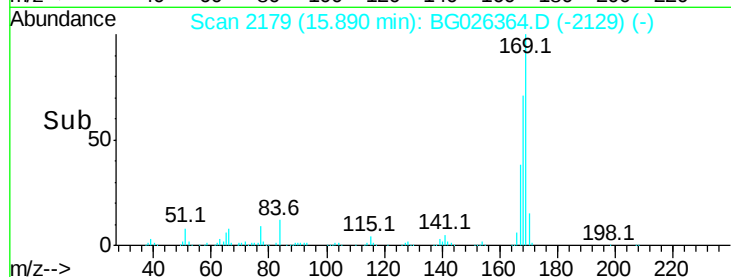
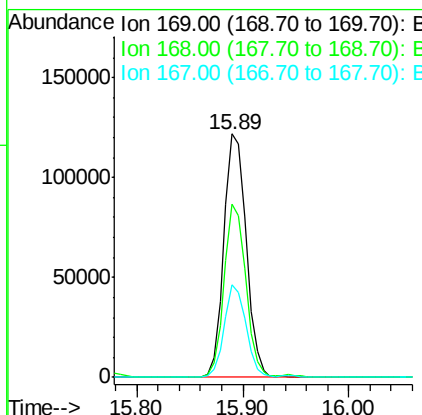
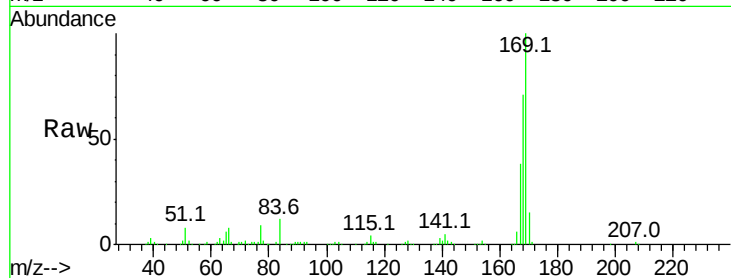




#65
n-Nitrosodiphenylamine
Concen: 8.25 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

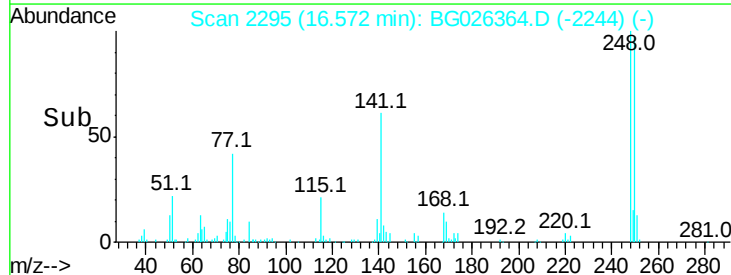
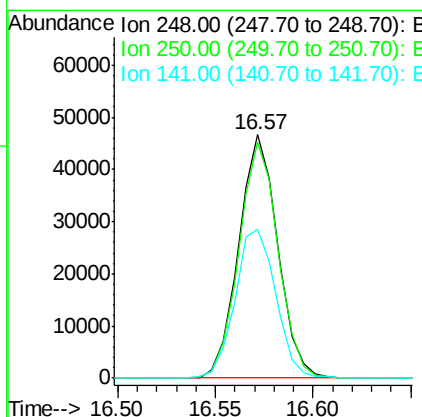
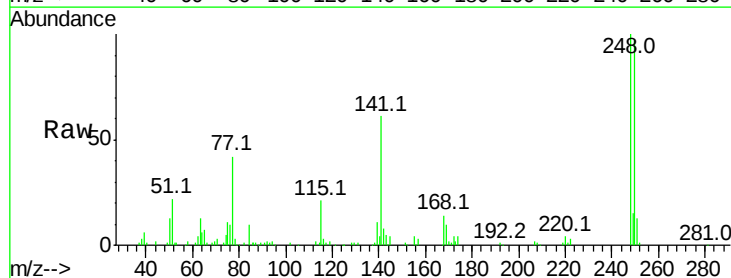
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

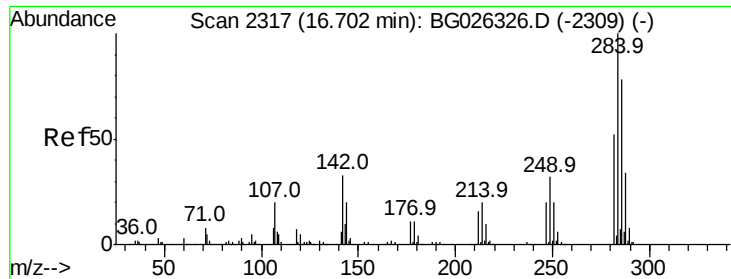
Tot Ion:169 Resp: 179227
Ion Ratio Lower Upper
169 100
168 71.2 55.7 83.5
167 38.1 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 8.43 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:248 Resp: 64287
Ion Ratio Lower Upper
248 100
250 97.1 75.0 112.6
141 61.2 55.2 82.8





#67

Hexachlorobenzene

Concen: 8.53 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

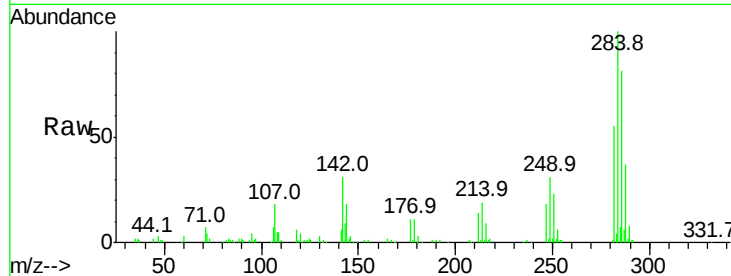
Tot Ion:284 Resp: 69358

Ion Ratio Lower Upper

284 100

142 31.3 29.9 44.9

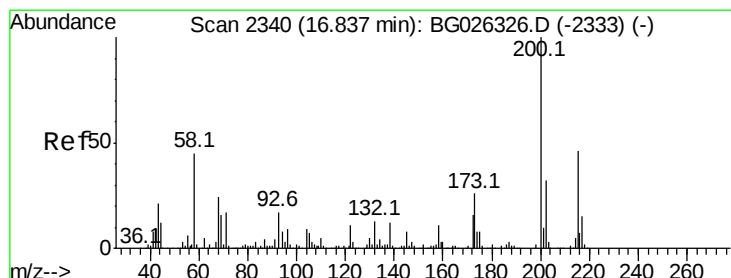
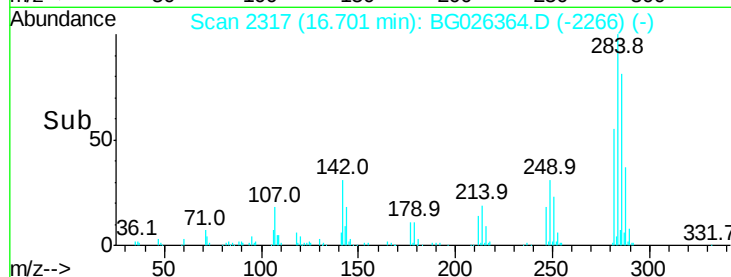
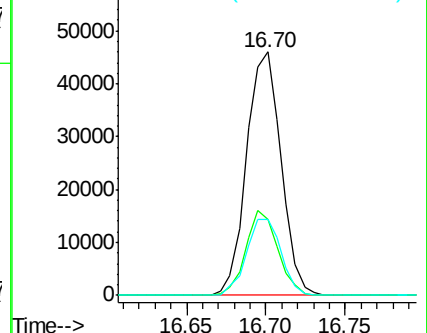
249 31.2 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 7.52 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

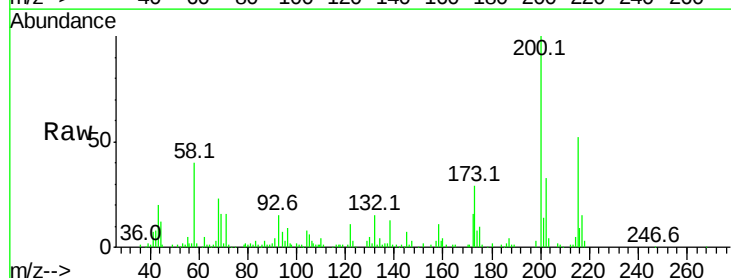
Tgt Ion:200 Resp: 61846

Ion Ratio Lower Upper

200 100

173 28.6 3.0 43.0

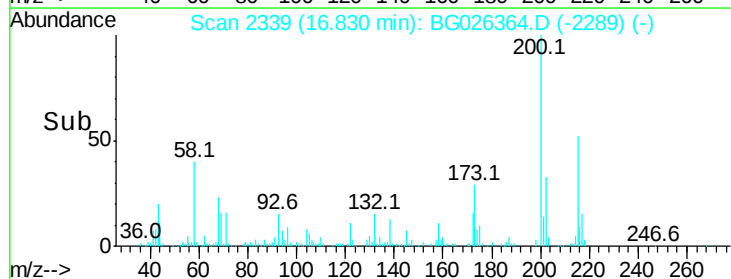
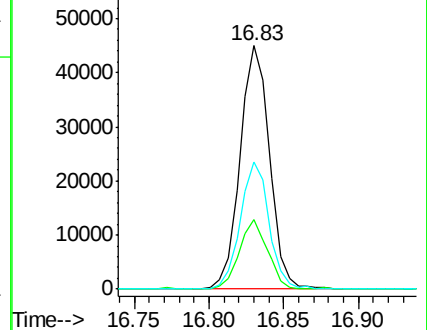
215 52.2 28.4 68.4

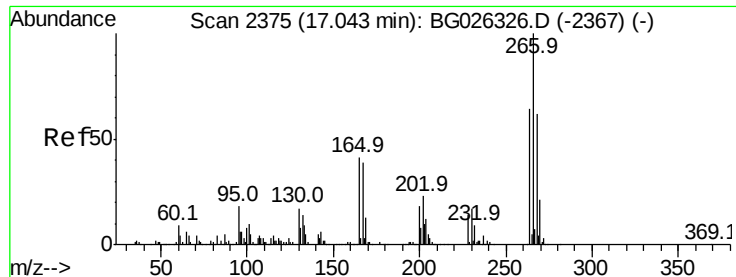


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

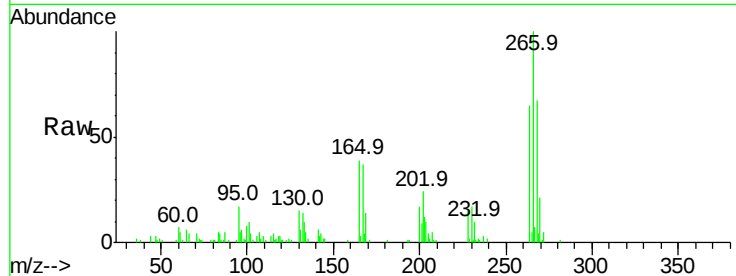




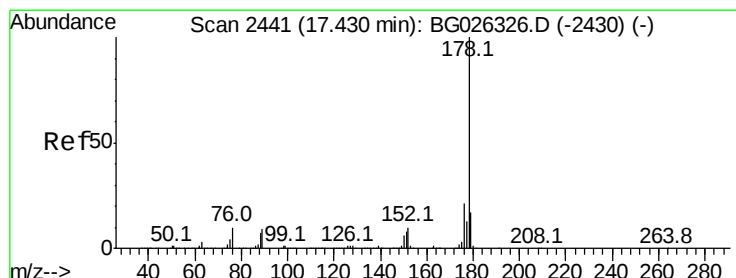
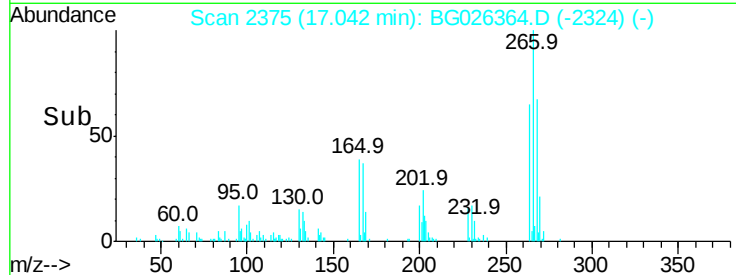
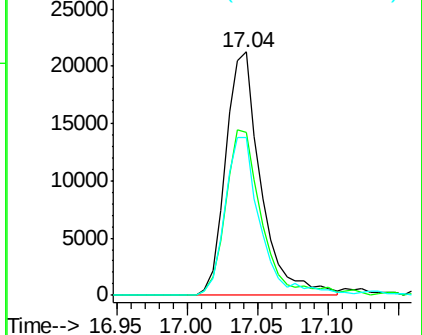
#69
 Pentachlorophenol
 Concen: 6.96 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.1	48.6	72.8
264	64.8	50.1	75.1

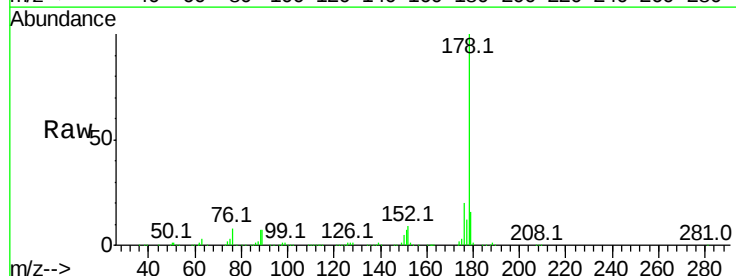


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

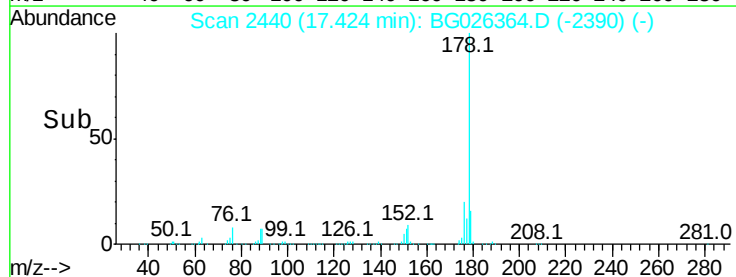
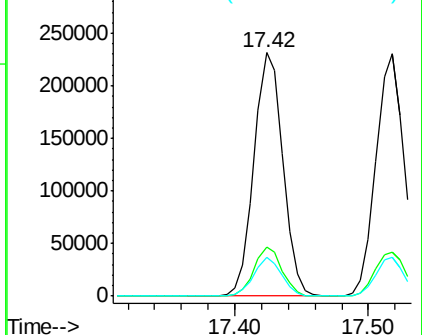


#70
 Phenanthrene
 Concen: 8.68 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.7	26.5
179	15.8	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 8.34 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

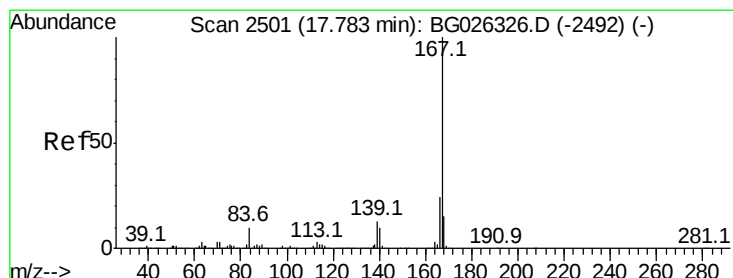
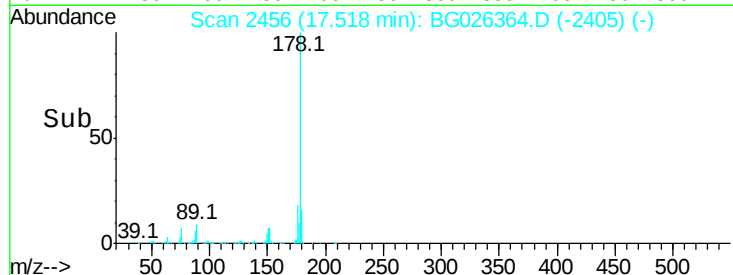
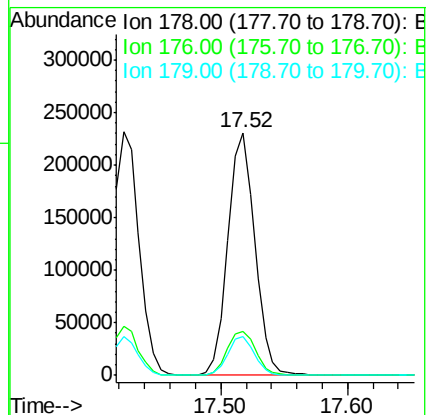
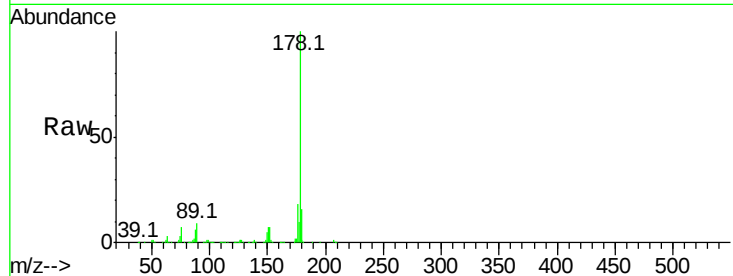
Tot Ion:178 Resp: 338284

Ion Ratio Lower Upper

178 100

176 18.3 16.4 24.6

179 15.9 13.8 20.8



#72

Carbazole

Concen: 8.46 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

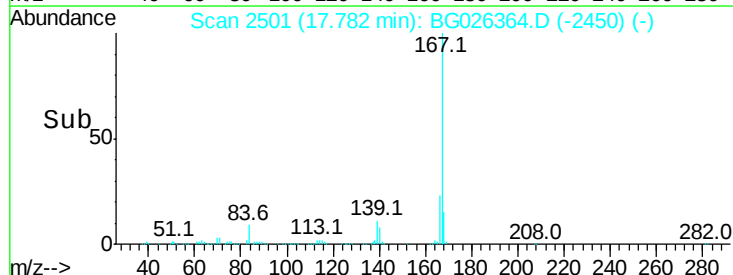
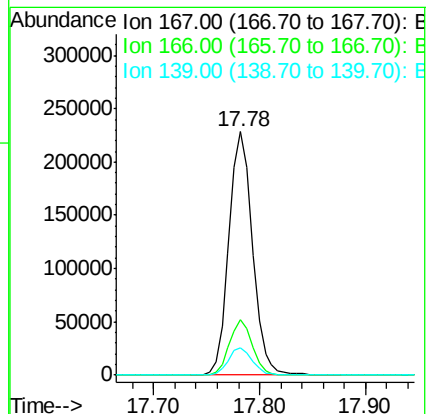
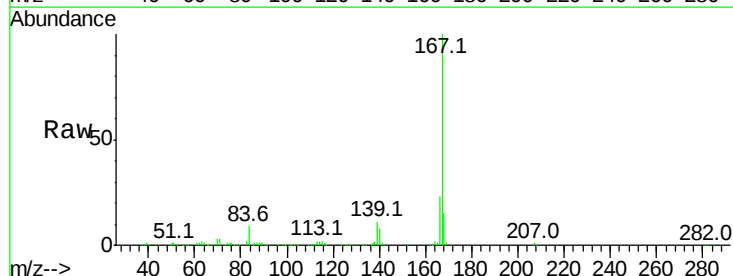
Tgt Ion:167 Resp: 353381

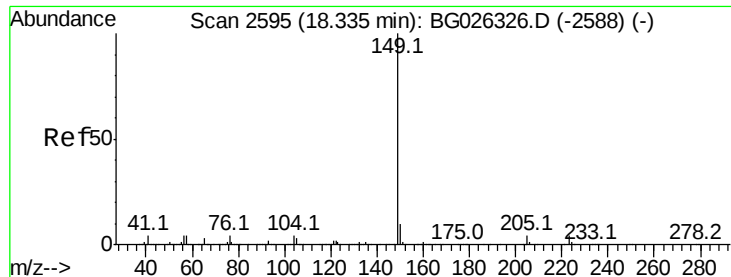
Ion Ratio Lower Upper

167 100

166 22.6 20.2 30.2

139 11.4 12.8 19.2#





#73

Di-n-butylphthalate

Concen: 7.78 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

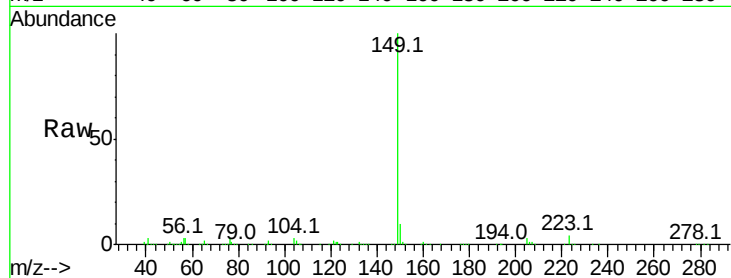
Tot Ion:149 Resp: 334091

Ion Ratio Lower Upper

149 100

150 9.5 9.1 13.7

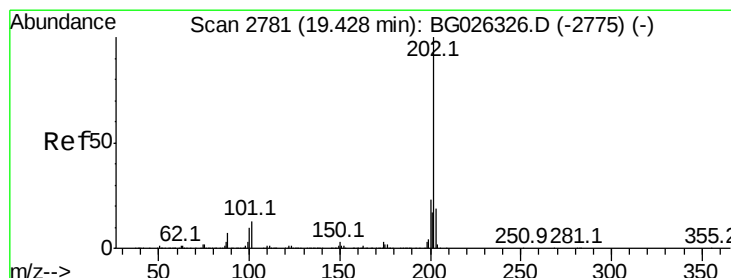
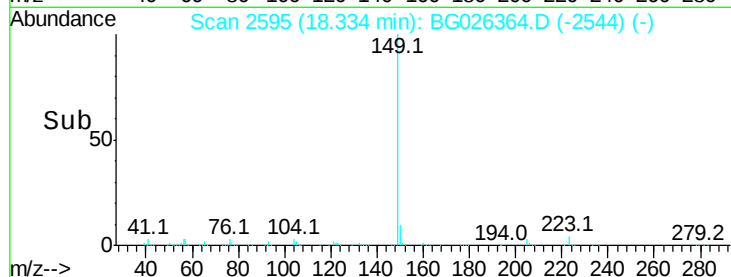
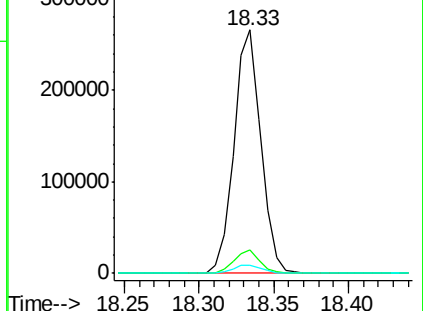
104 3.4 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 8.83 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

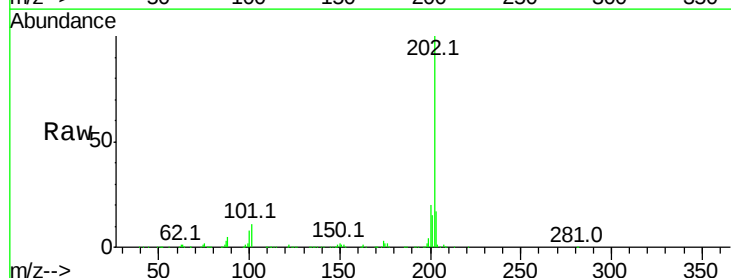
Tgt Ion:202 Resp: 412950

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.1

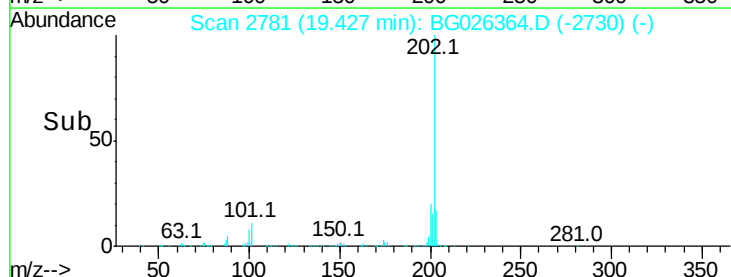
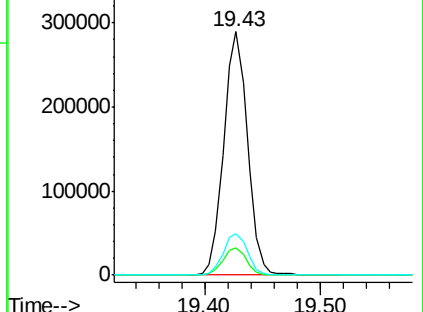
203 17.0 1.3 41.3

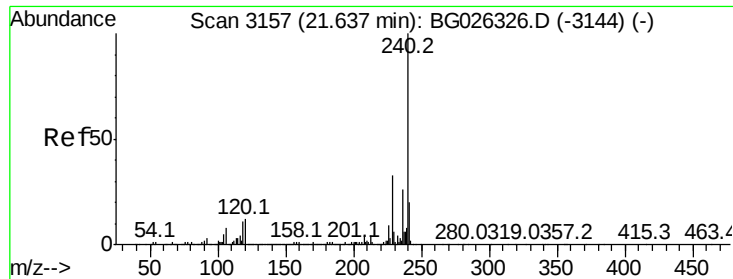


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

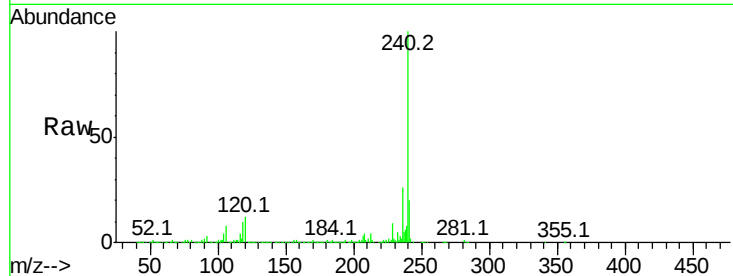
Tot Ion:240 Resp: 905081

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

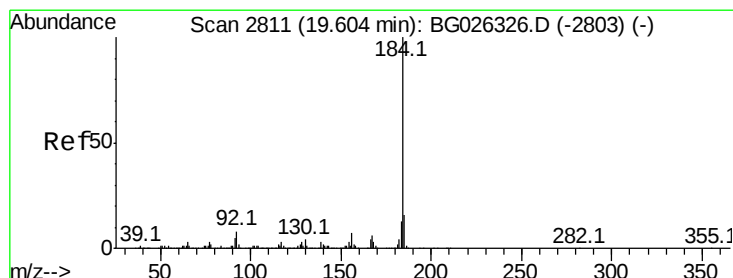
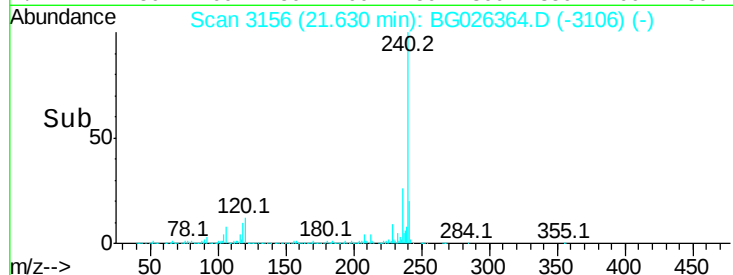
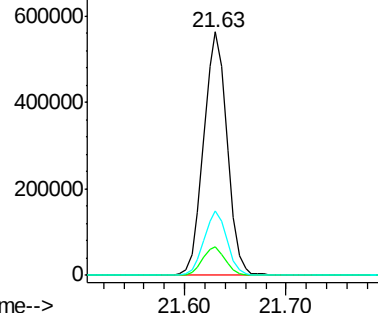
236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.94 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

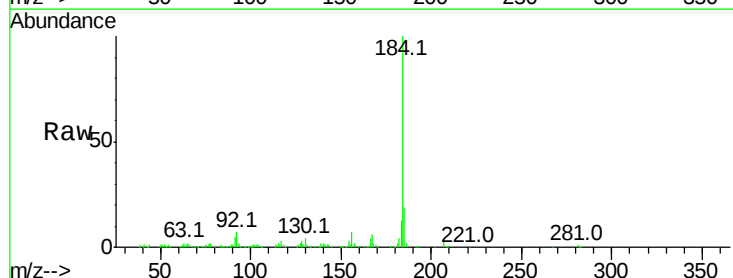
Tgt Ion:184 Resp: 216522

Ion Ratio Lower Upper

184 100

185 19.2 13.0 19.6

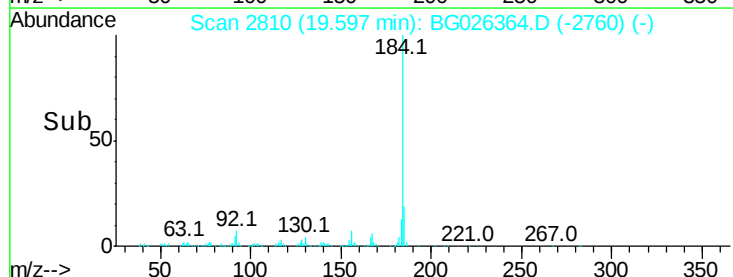
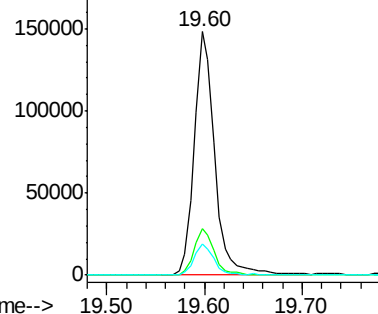
183 12.8 11.0 16.6

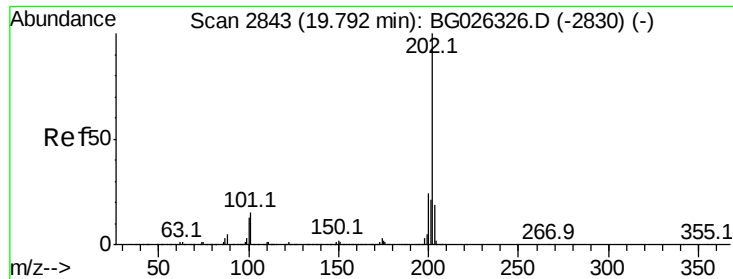


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 8.32 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

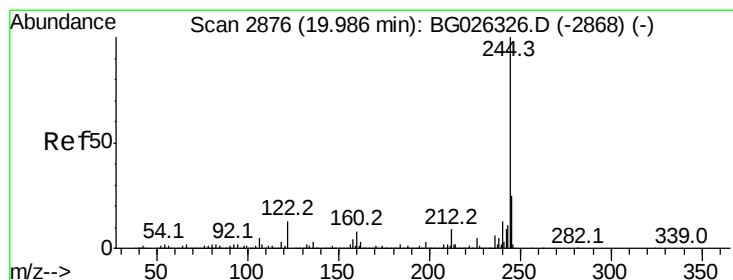
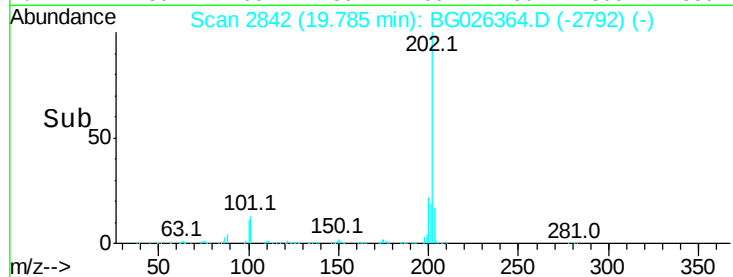
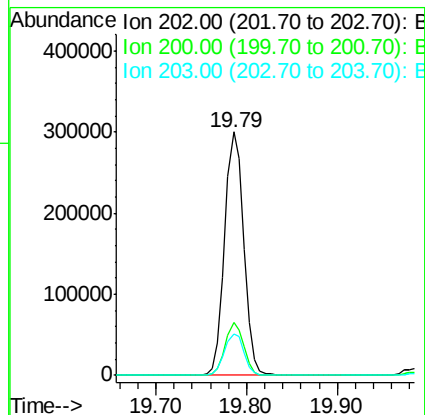
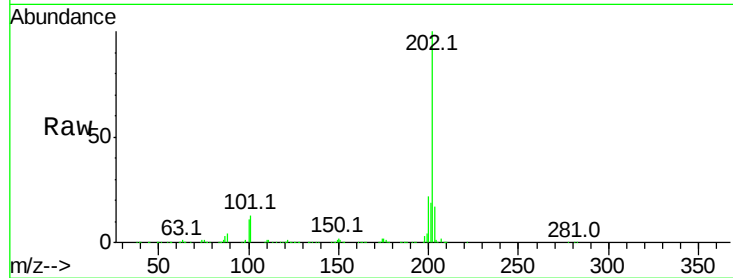
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

Tot Ion:	202	Resp:	436184
Ion Ratio		Lower	Upper
202	100		
200	21.8	19.6	29.4
203	17.0	15.8	23.8



#78

Terphenyl-d14

Concen: 73.45 ng

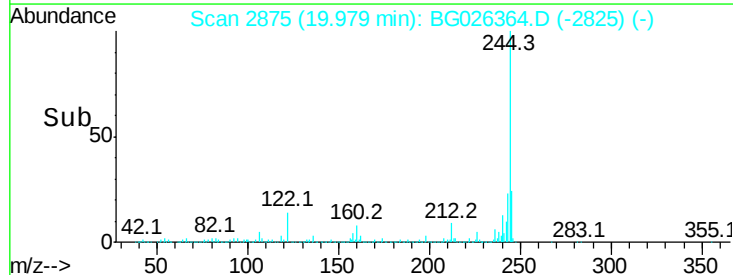
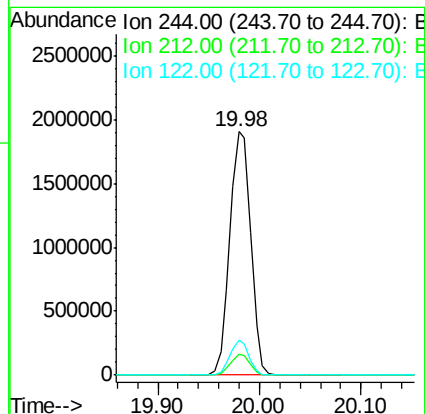
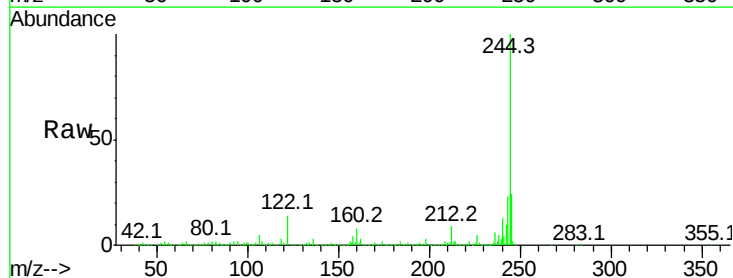
RT: 19.98 min Scan# 2875

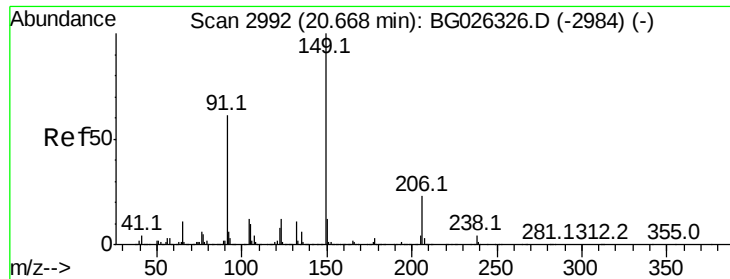
Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Tgt Ion:	244	Resp:	2737227
Ion Ratio		Lower	Upper
244	100		
212	8.7	10.0	15.0#
122	14.3	8.6	12.8#

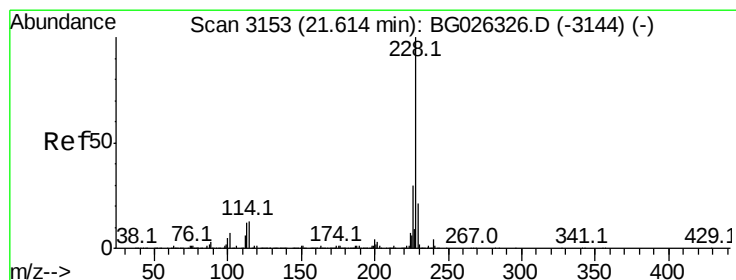
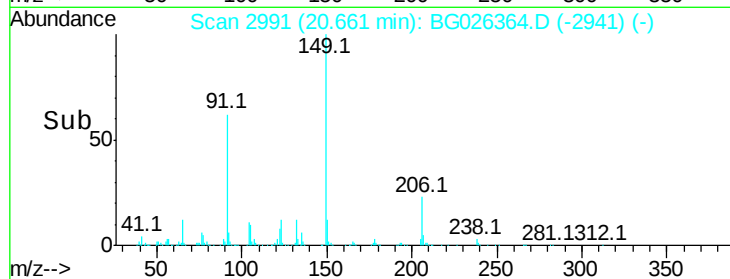
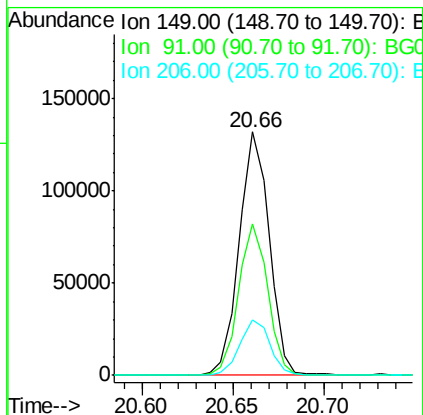
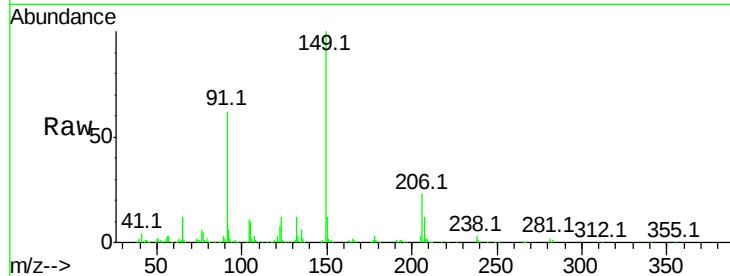




#79
Butylbenzylphthalate
Concen: 7.25 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

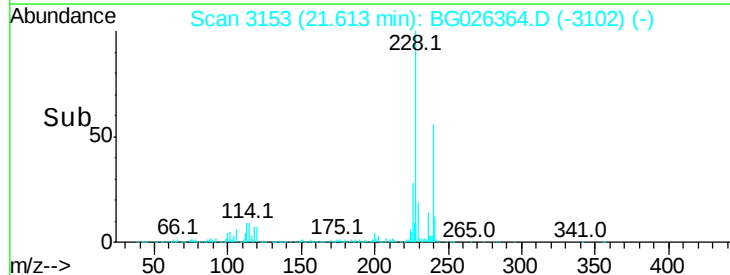
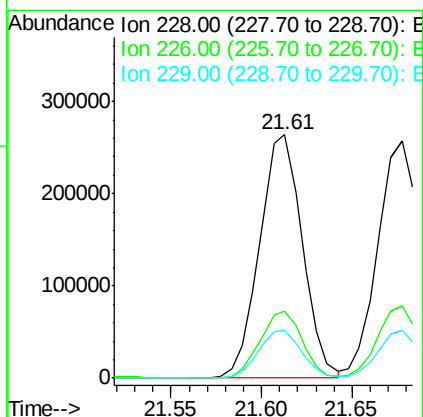
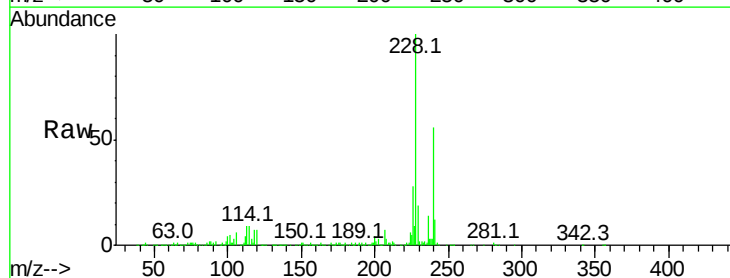
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

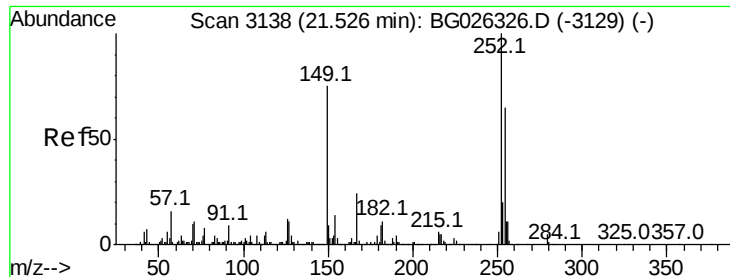
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.1	63.5	95.3#
206	22.9	21.0	31.6



#80
Benzo(a)anthracene
Concen: 8.51 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.9	37.3
229	19.5	18.2	27.2

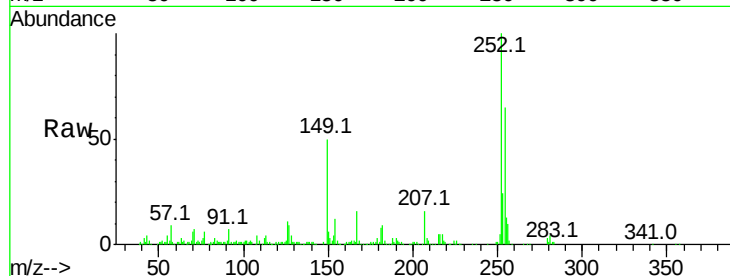




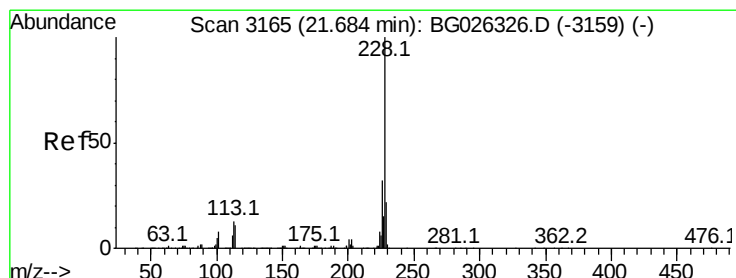
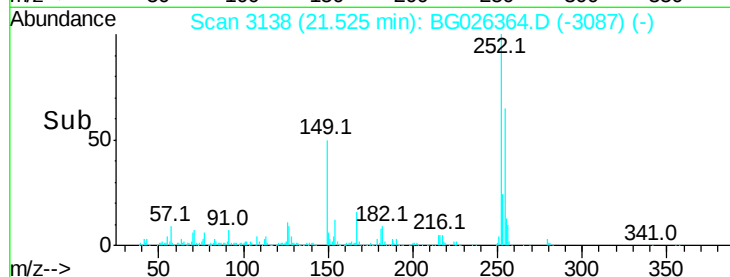
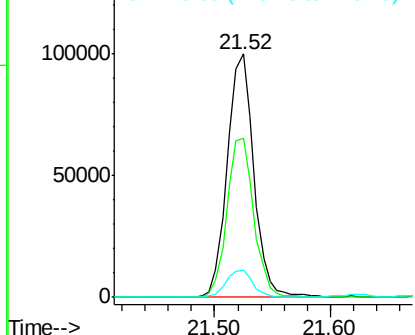
#81
 3,3'-Dichlorobenzidine
 Concen: 7.66 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

Tot Ion:252 Resp: 159623
 Ion Ratio Lower Upper
 252 100
 254 65.2 53.1 79.7
 126 11.0 7.0 10.4#

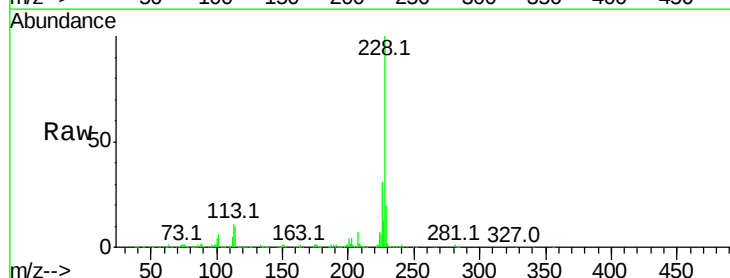


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

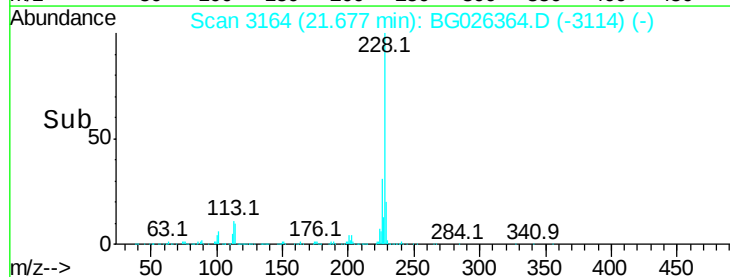
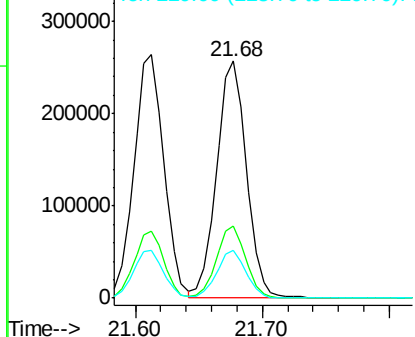


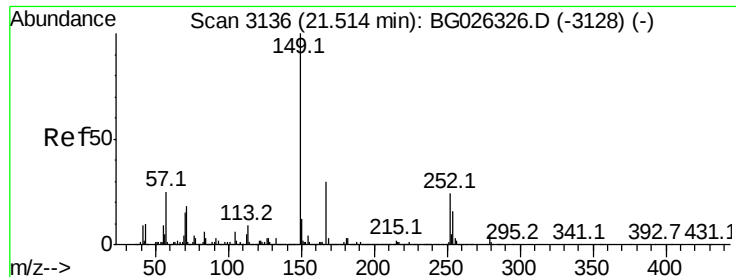
#82
 Chrysene
 Concen: 8.59 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG026364.D
 Acq: 21 Mar 2017 18:43

Tgt Ion:228 Resp: 417952
 Ion Ratio Lower Upper
 228 100
 226 30.6 27.0 40.4
 229 19.9 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

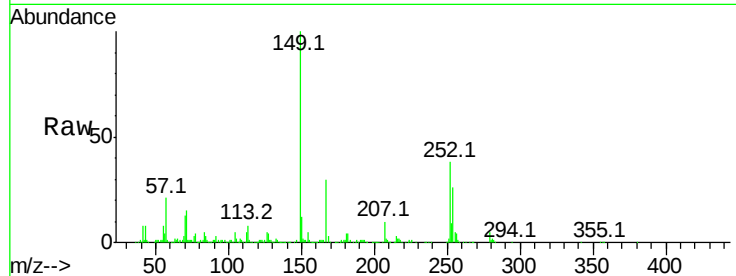




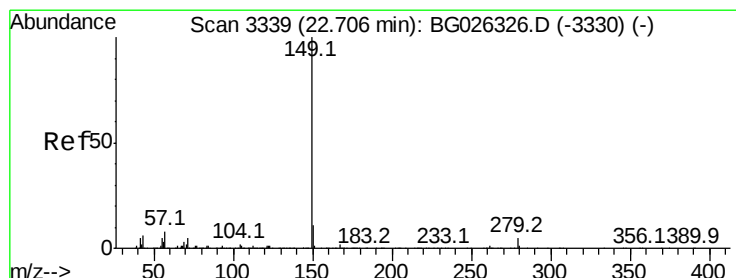
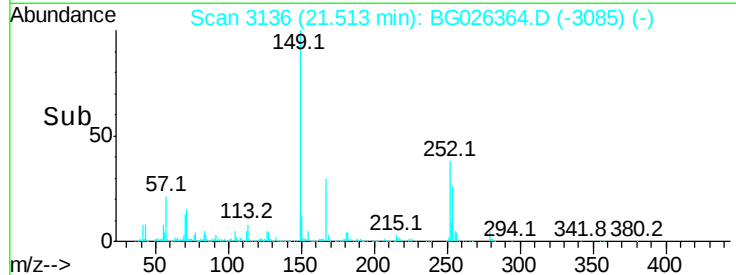
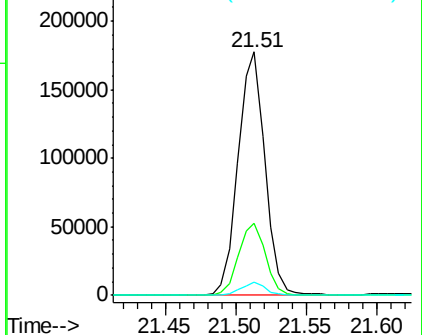
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.47 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

Tot Ion:149 Resp: 236684
Ion Ratio Lower Upper
149 100
167 29.8 23.7 35.5
279 5.2 4.6 6.8

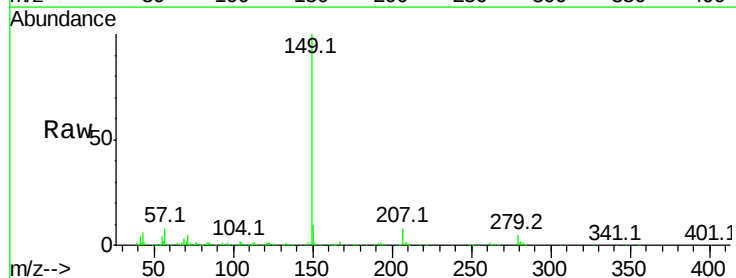


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

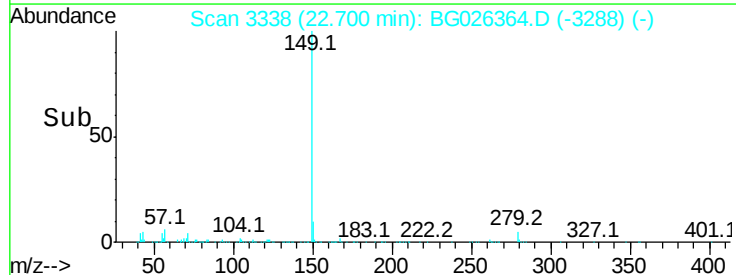
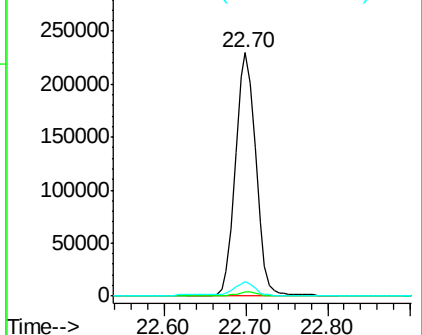


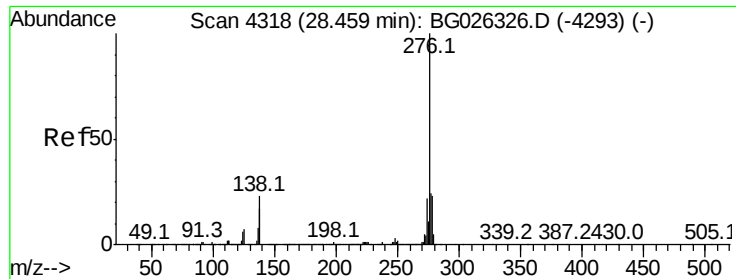
#84
Di-n-octyl phthalate
Concen: 7.38 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:149 Resp: 398991
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 6.0 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.18 ng

RT: 28.43 min Scan# 4318

Delta R.T. -0.03 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

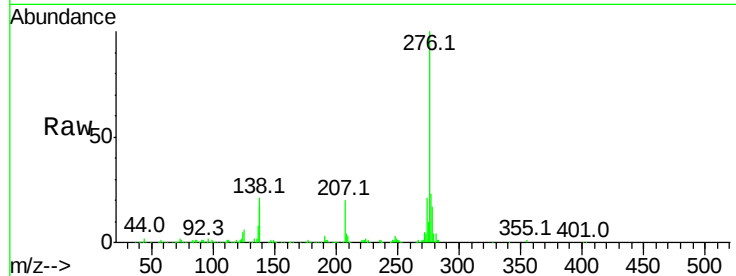
Tot Ion:276 Resp: 491244

Ion Ratio Lower Upper

276 100

138 26.5 4.7 7.1#

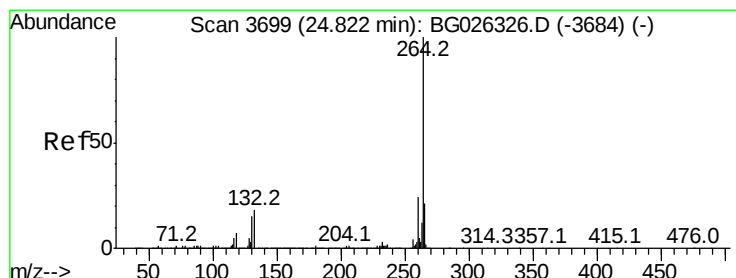
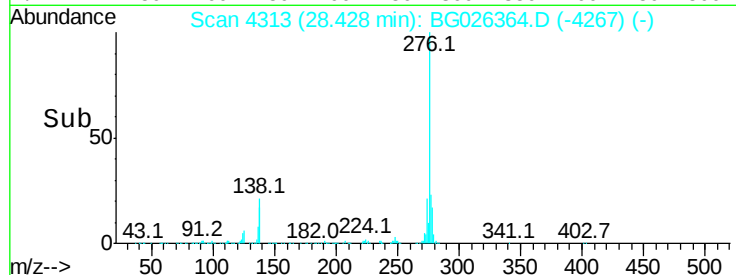
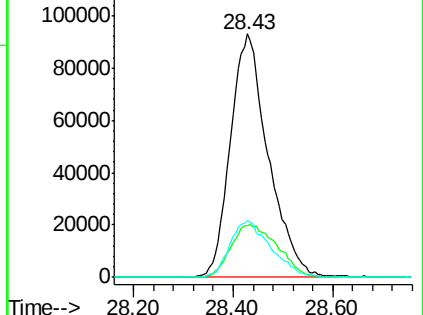
277 25.1 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

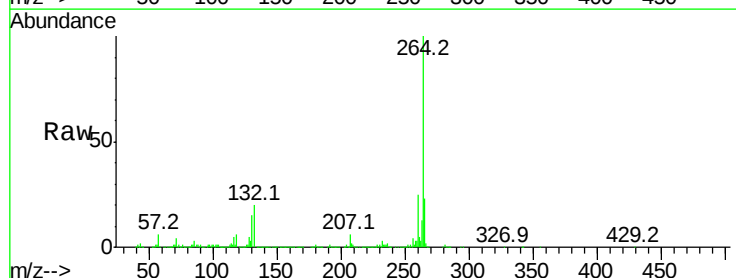
Tgt Ion:264 Resp: 885348

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

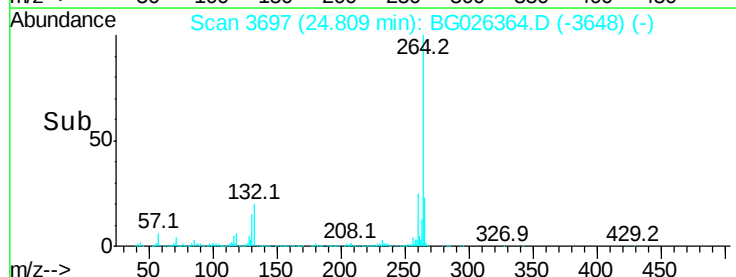
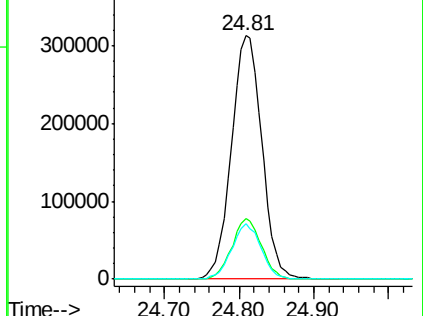
265 22.7 18.2 27.4

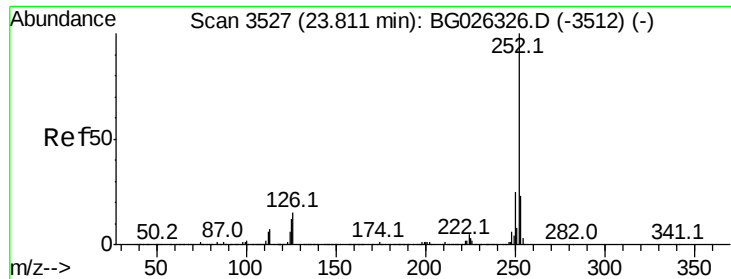


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

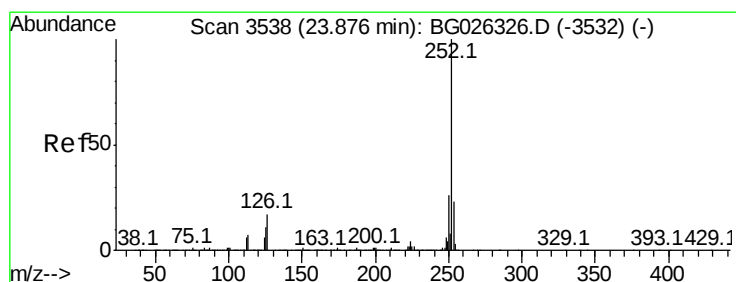
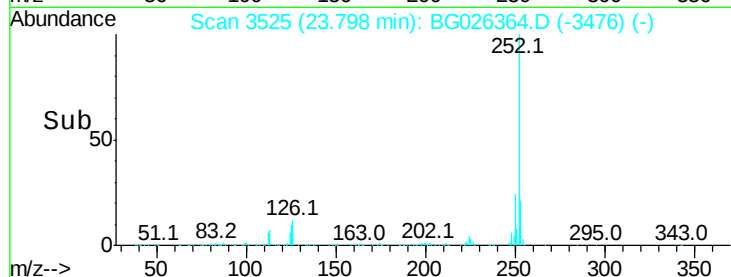
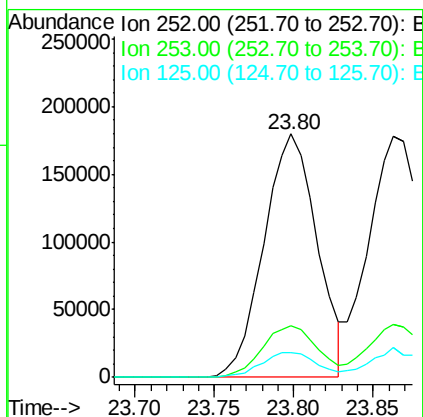
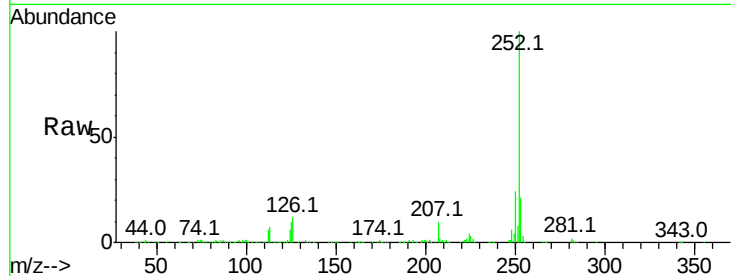




#87
Benzo(b)fluoranthene
Concen: 8.01 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

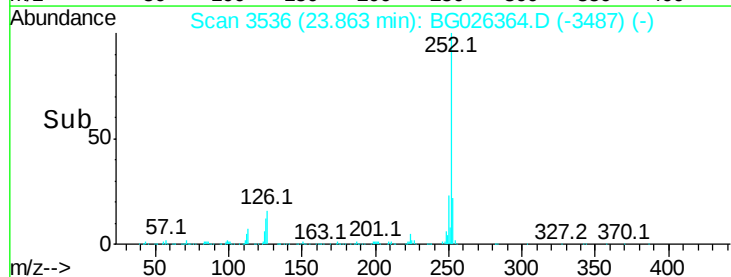
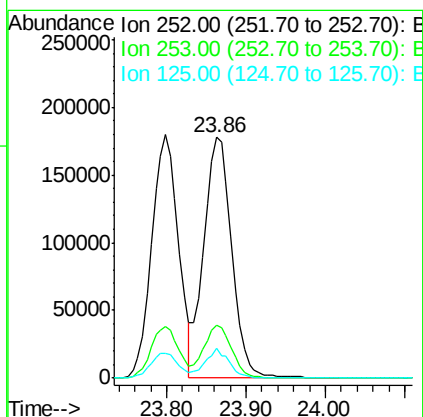
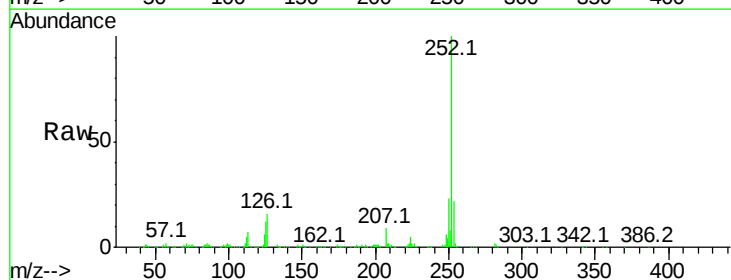
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

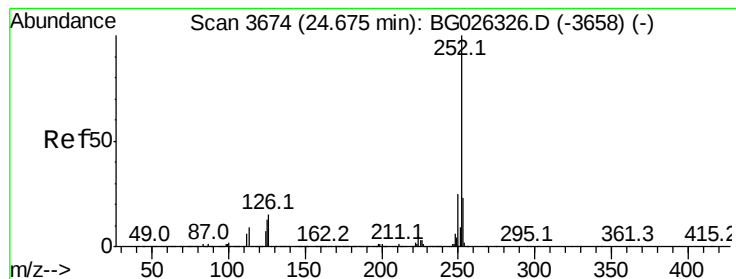
Tot Ion:252 Resp: 418031
Ion Ratio Lower Upper
252 100
253 21.5 18.7 28.1
125 10.1 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 8.60 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG026364.D
Acq: 21 Mar 2017 18:43

Tgt Ion:252 Resp: 435190
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.2
125 12.2 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 8.14 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.02 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

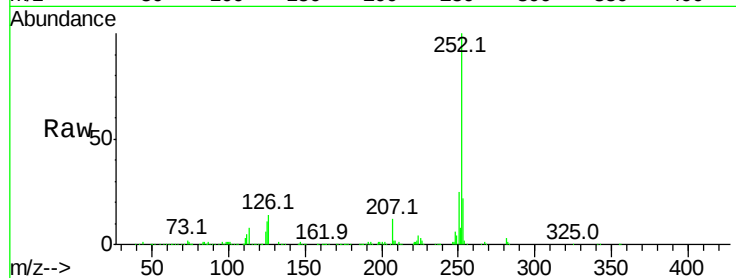
Tot Ion:252 Resp: 407654

Ion Ratio Lower Upper

252 100

253 21.6 19.2 28.8

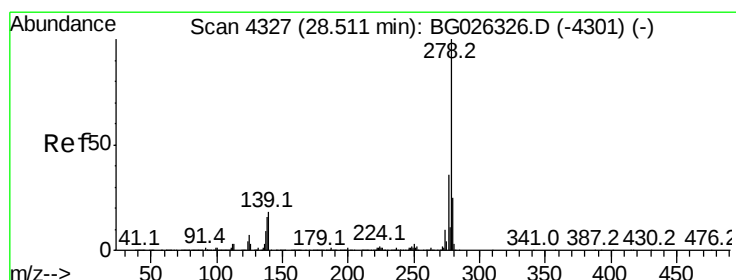
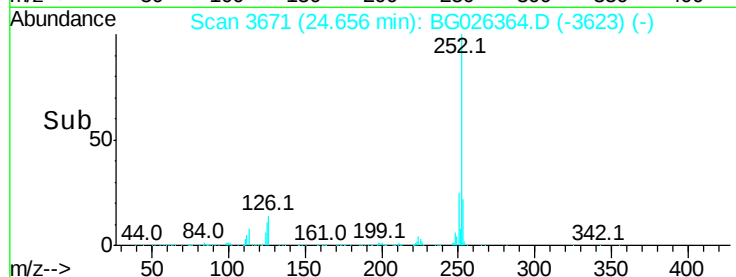
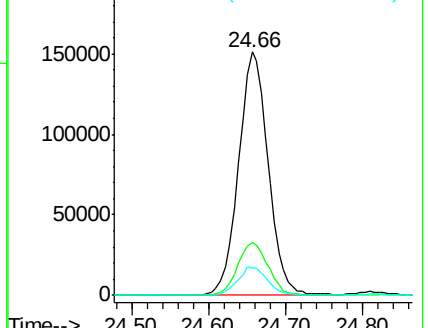
125 11.3 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 8.19 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.03 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

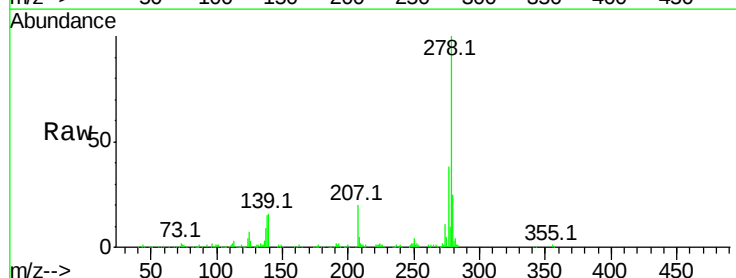
Tgt Ion:278 Resp: 414236

Ion Ratio Lower Upper

278 100

139 16.2 7.7 11.5#

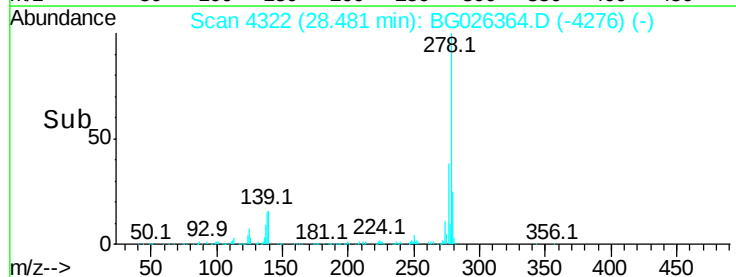
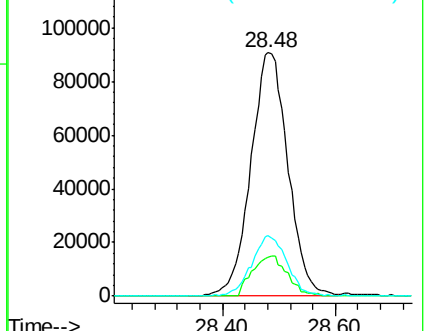
279 25.0 19.1 28.7

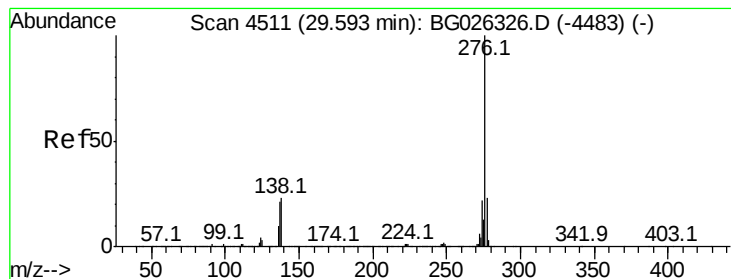


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 8.15 ng

RT: 29.56 min Scan# 4505

Delta R.T. -0.04 min

Lab File: BG026364.D

Acq: 21 Mar 2017 18:43

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

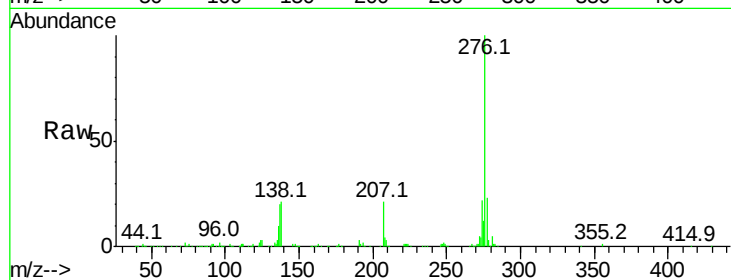
Tot Ion:276 Resp: 415310

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 21.5 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

