

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032117\
 Data File : BG026362.D
 Acq On : 21 Mar 2017 17:25
 Operator : SJ/MA
 Sample : I2296-01
 Misc : LOD 2 PPB
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 22 03:35:21 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	8.04	152	124464	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	532944	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	310410	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	741919	20.00	ng	0.00
75) Chrysene-d12	21.63	240	903890	20.00	ng	0.00
86) Perylene-d12	24.81	264	873940	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	938806	133.88	ng	0.00
7) Phenol-d6	7.20	99	1205635	128.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	733330	82.74	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	527028	148.26	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2015632	91.06	ng	0.00
78) Terphenyl-d14	19.98	244	2785032	74.83	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	7116	2.26	ng	# 61
3) Pyridine	3.92	79	13904	1.61	ng	# 62
4) n-Nitrosodimethylamine	3.83	42	3982	1.69	ng	# 1
6) Aniline	7.37	93	23076	1.83	ng	89
8) 2-Chlorophenol	7.61	128	16843	2.13	ng	83
9) Benzaldehyde	7.19	77	13326	2.10	ng	84
10) Phenol	7.23	94	19800	1.97	ng	78
11) bis(2-Chloroethyl)ether	7.46	93	16127	1.96	ng	# 78
12) 1,3-Dichlorobenzene	7.94	146	19696	2.10	ng	# 90
13) 1,4-Dichlorobenzene	7.94	146	19696	2.07	ng	94
14) 1,2-Dichlorobenzene	8.40	146	20193	2.22	ng	# 89
15) Benzyl Alcohol	8.29	79	10039	1.63	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.58	45	16812	1.84	ng	80
17) 2-Methylphenol	8.49	107	13673	1.92	ng	# 73
18) Hexachloroethane	9.13	117	6021	1.94	ng	# 87
19) n-Nitroso-di-n-propylamine	8.84	70	11145	1.84	ng	# 72
20) 3+4-Methylphenols	8.81	107	18809	1.91	ng	# 73
22) Acetophenone	8.87	105	24797	2.02	ng	# 73
24) Nitrobenzene	9.25	77	18667	2.13	ng	# 67
25) Isophorone	9.77	82	30711	1.84	ng	# 93
26) 2-Nitrophenol	9.96	139	8510	1.87	ng	# 57
27) 2,4-Dimethylphenol	10.02	122	13891	1.86	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	20708	1.91	ng	# 88
29) 2,4-Dichlorophenol	10.51	162	13976	1.85	ng	92
30) 1,2,4-Trichlorobenzene	10.71	180	17795	2.10	ng	97
31) Naphthalene	10.90	128	57400	2.13	ng	96
32) Benzoic acid	10.11	122	606	0.11	ng	# 65
33) 4-Chloroaniline	11.01	127	20201	1.84	ng	# 82
34) Hexachlorobutadiene	11.19	225	10871	2.17	ng	91
35) Caprolactam	11.75	113	5184	1.74	ng	# 49
36) 4-Chloro-3-methylphenol	12.12	107	14083	1.74	ng	# 82
37) 2-Methylnaphthalene	12.50	142	41115	2.08	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	21122	2.26	ng	# 97
40) Hexachlorocyclopentadiene	12.84	237	5898	1.20	ng	96

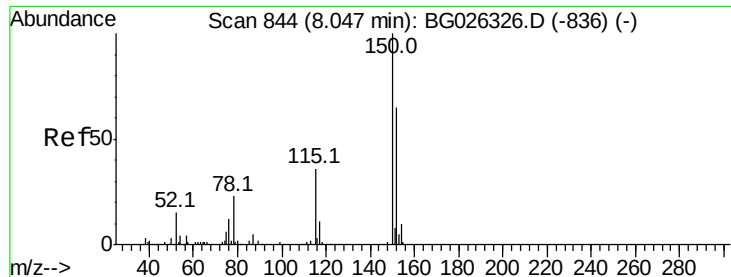
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032117\
 Data File : BG026362.D
 Acq On : 21 Mar 2017 17:25
 Operator : SJ/MA
 Sample : I2296-01
 Misc : LOD 2 PPB
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 22 03:35:21 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	13.10	196	10655	1.74	nq	95
43) 2,4,5-Trichlorophenol	13.18	196	13346	1.97	nq	# 92
45) 1,1'-Biphenyl	13.49	154	57144	2.22	nq	98
46) 2-Chloronaphthalene	13.54	162	39916	2.13	nq	93
47) 2-Nitroaniline	13.74	65	8068	1.51	nq	# 75
48) Acenaphthylene	14.38	152	66210	2.02	nq	# 95
49) Dimethylphthalate	14.10	163	47934	2.05	nq	95
50) 2,6-Dinitrotoluene	14.22	165	9343	1.71	nq	# 62
51) Acenaphthene	14.71	154	42187	2.09	nq	94
52) 3-Nitroaniline	14.55	138	9294	1.54	nq	# 63
53) 2,4-Dinitrophenol	14.80	184	399	0.13	nq	88
54) Dibenzofuran	15.05	168	62247	2.19	nq	# 83
55) 4-Nitrophenol	14.88	139	5299	1.07	nq	# 33
56) 2,4-Dinitrotoluene	15.01	165	11997	1.56	nq	# 76
57) Fluorene	15.69	166	53910	2.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	11087	1.88	nq	# 95
59) Diethylphthalate	15.45	149	46732	1.95	nq	96
60) 4-Chlorophenyl-phenylether	15.68	204	25653	2.14	nq	# 86
61) 4-Nitroaniline	15.71	138	9777	1.54	nq	# 49
62) Azobenzene	15.98	77	35379	1.82	nq	78
64) 4,6-Dinitro-2-methylphenol	15.78	198	4861	1.04	nq	83
65) n-Nitrosodiphenylamine	15.89	169	44709	2.05	nq	99
66) 4-Bromophenyl-phenylether	16.58	248	16458	2.16	nq	92
67) Hexachlorobenzene	16.70	284	17992	2.21	nq	# 82
68) Atrazine	16.83	200	15021	1.82	nq	97
69) Pentachlorophenol	17.05	266	7641	1.44	nq	# 83
70) Phenanthrene	17.52	178	84235	2.11	nq	92
71) Anthracene	17.52	178	84235	2.07	nq	96
72) Carbazole	17.79	167	85871	2.05	nq	94
73) Di-n-butylphthalate	18.33	149	78717	1.83	nq	# 90
74) Fluoranthene	19.42	202	99643	2.13	nq	93
76) Benzidine	19.60	184	44845	1.44	nq	99
77) Pyrene	19.79	202	107697	2.06	nq	95
79) Butylbenzylphthalate	20.66	149	36037	1.72	nq	# 80
80) Benzo(a)anthracene	21.61	228	109107	2.14	nq	94
81) 3,3'-Dichlorobenzidine	21.53	252	37274	1.79	nq	99
82) Chrysene	21.67	228	106815	2.20	nq	96
83) Bis(2-ethylhexyl)phthalate	21.51	149	56773	1.79	nq	# 98
84) Di-n-octylphthalate	22.70	149	93505	1.73	nq	# 91
85) Indeno(1,2,3-cd)pyrene	28.43	276	119086	1.98	nq	# 68
87) Benzo(b)fluoranthene	23.80	252	103964	2.02	nq	# 91
88) Benzo(k)fluoranthene	23.87	252	107206	2.15	nq	# 86
89) Benzo(a)pyrene	24.65	252	99359	2.01	nq	# 96
90) Dibenzo(a,h)anthracene	28.48	278	99878	2.00	nq	# 92
91) Benzo(g,h,i)perylene	29.57	276	101712	2.02	nq	# 89

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

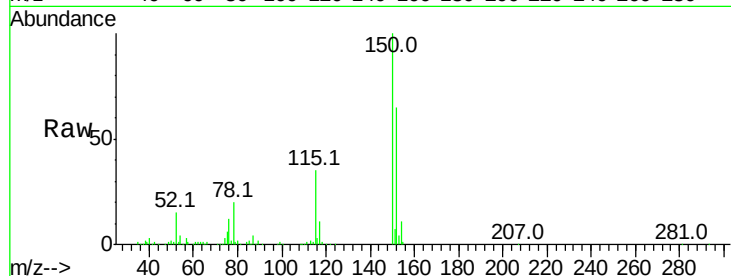


#1

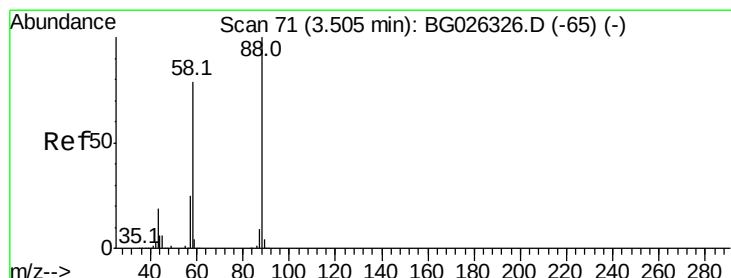
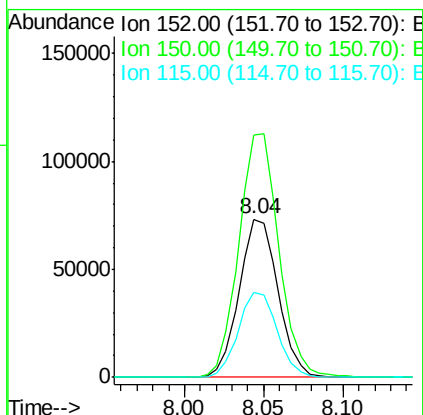
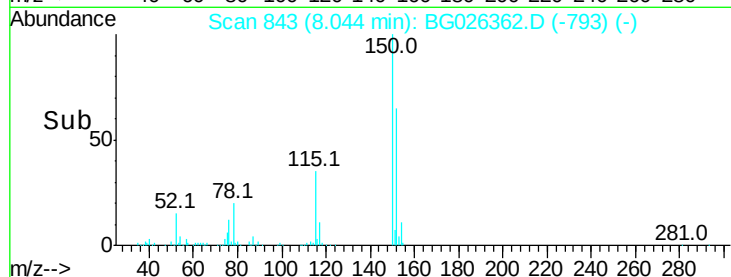
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

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

Tot Ion:152 Resp: 124464
Ion Ratio Lower Upper
152 100
150 153.4 114.0 171.0
115 54.0 48.1 72.1



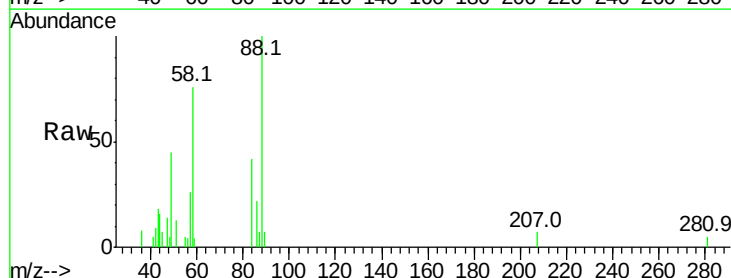
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



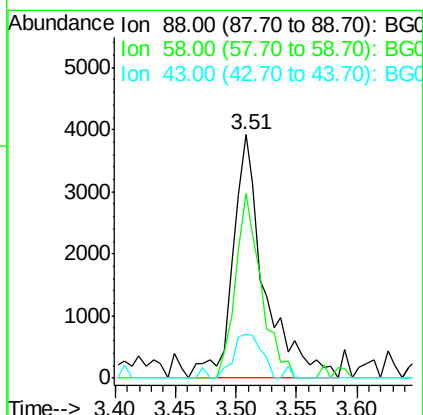
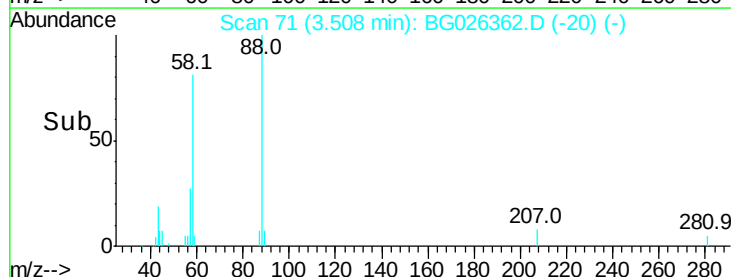
#2

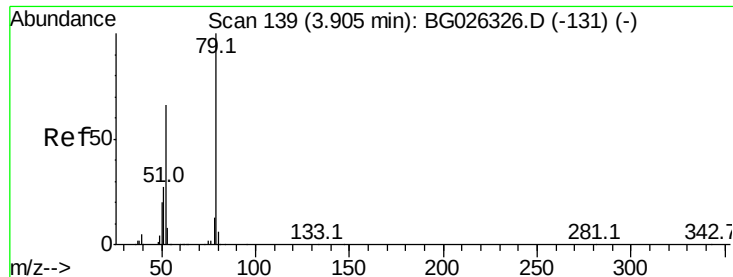
1,4-Dioxane
Concen: 2.26 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion: 88 Resp: 7116
Ion Ratio Lower Upper
88 100
58 61.9 79.4 119.2#
43 16.2 33.8 50.6#



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





#3

Pvridine

Concen: 1.61 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

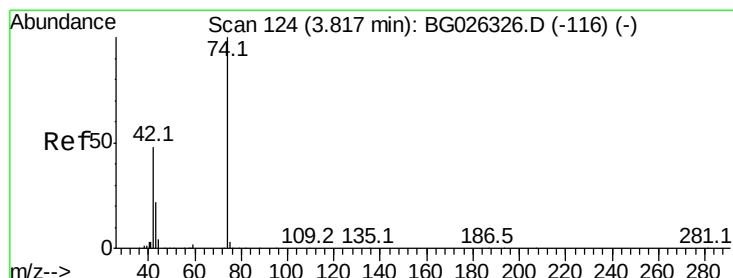
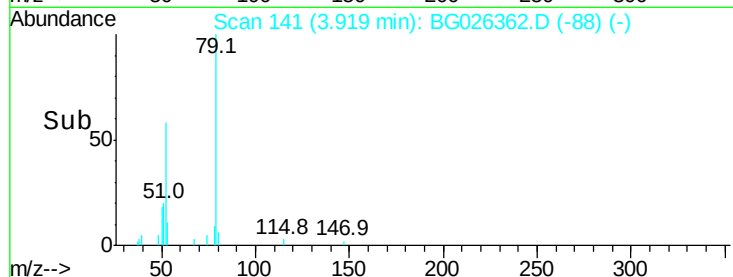
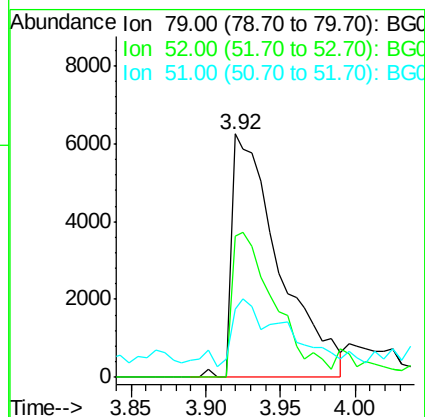
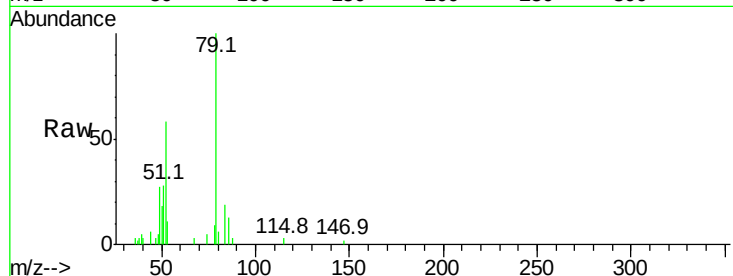
Tot Ion: 79 Resp: 13904

Ion Ratio Lower Upper

79 100

52 58.0 77.8 116.6#

51 28.2 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 1.69 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

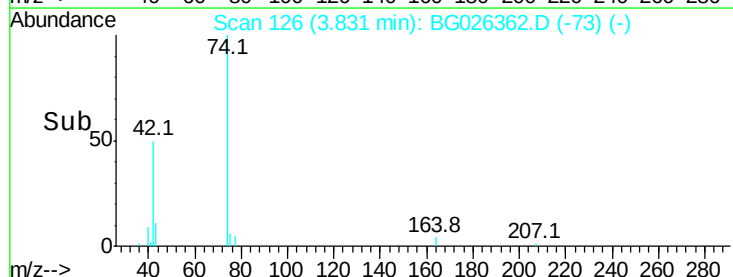
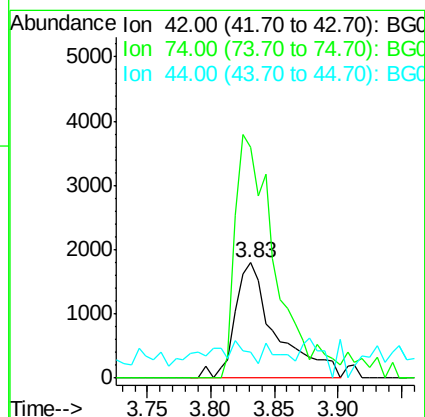
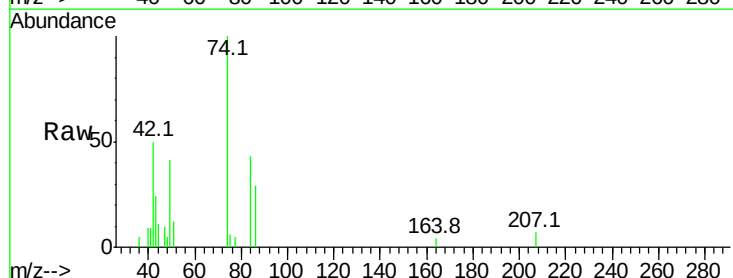
Tgt Ion: 42 Resp: 3982

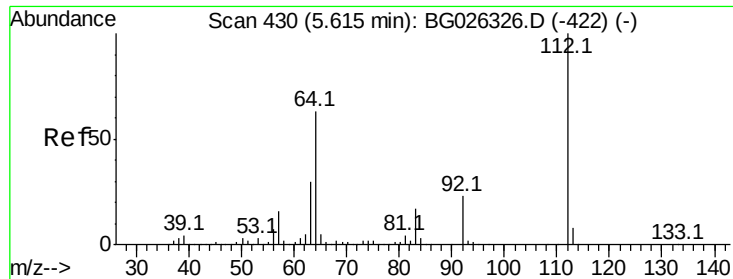
Ion Ratio Lower Upper

42 100

74 200.9 76.7 115.1#

44 22.3 6.1 9.1#





#5

2-Fluorophenol

Concen: 133.88 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

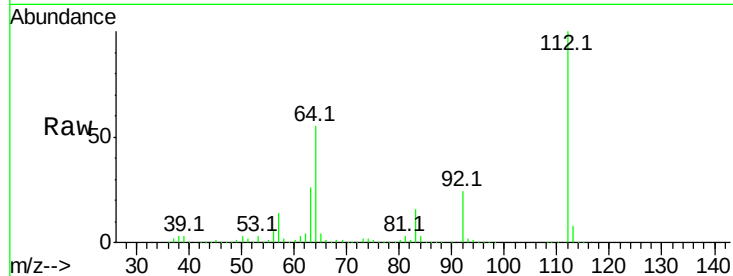
Tot Ion:112 Resp: 938806

Ion Ratio Lower Upper

112 100

64 54.9 61.8 92.6#

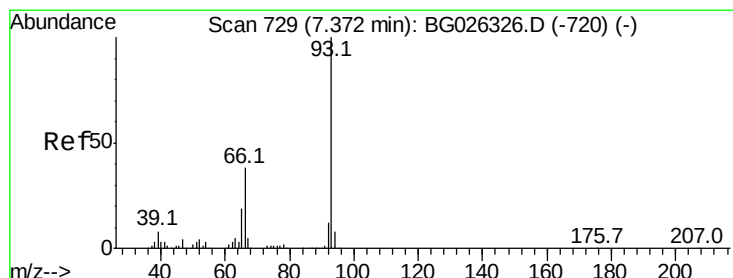
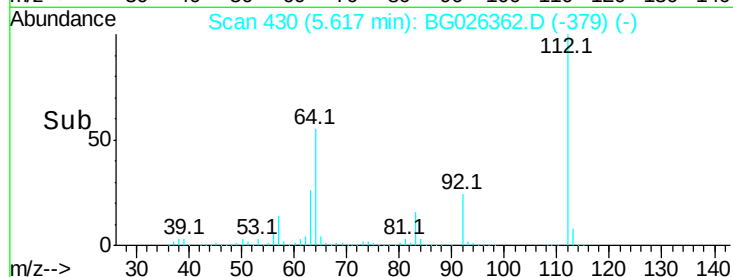
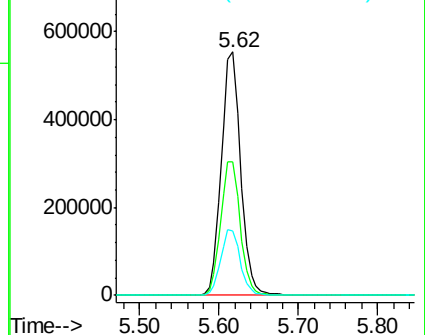
63 26.4 37.2 55.8#



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: 1.83 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

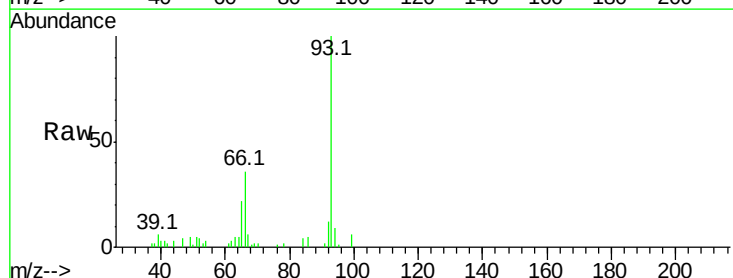
Tgt Ion: 93 Resp: 23076

Ion Ratio Lower Upper

93 100

66 36.2 35.4 53.2

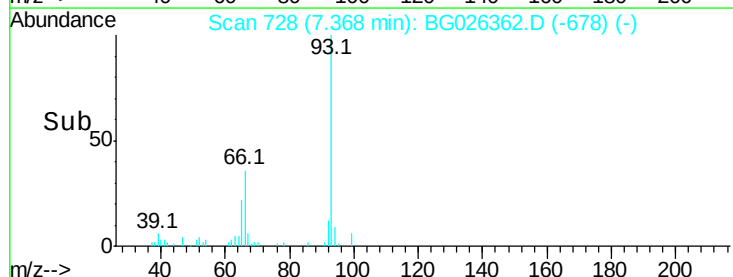
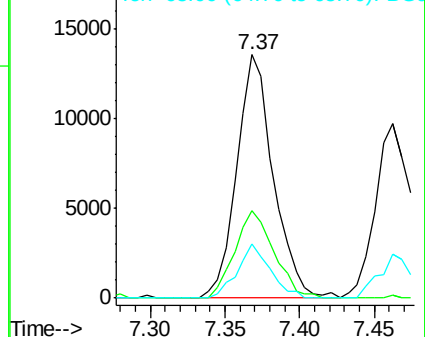
65 22.1 21.2 31.8

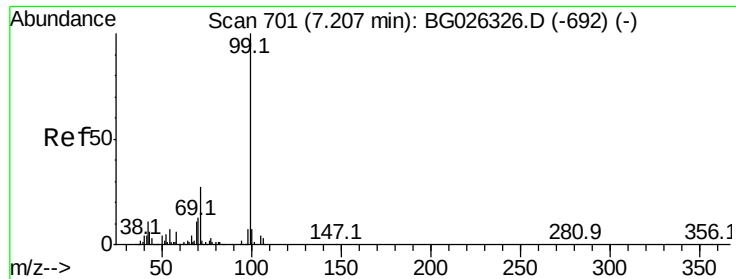


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.06 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

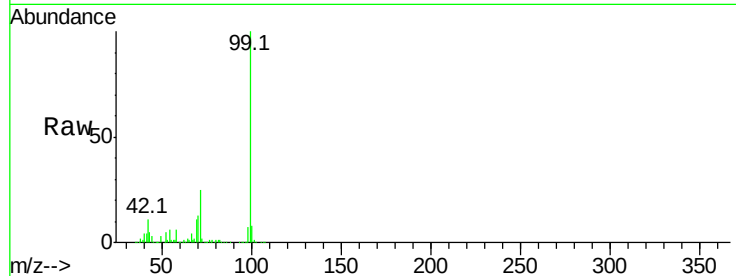
BNA_G

ClientSampleId :

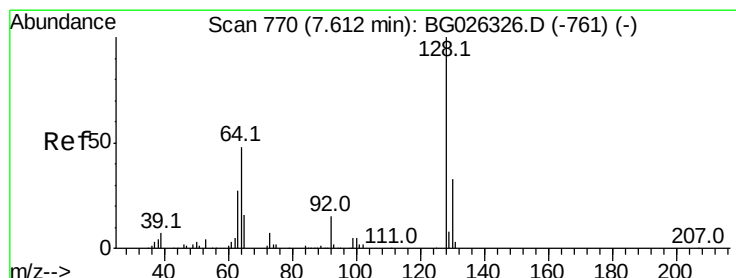
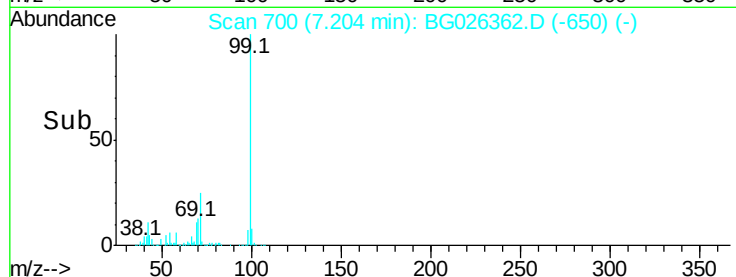
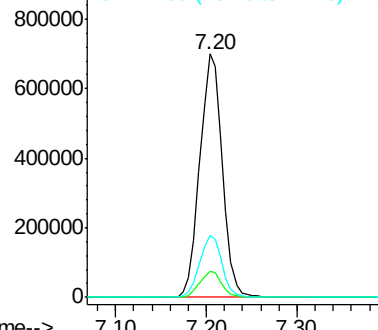
LOD-SOIL-01-QT2-2017

Tot Ion: 99 Resp: 1205635

Ion	Ratio	Lower	Upper
99	100		
42	10.9	20.5	30.7#
71	25.4	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: 2.13 ng

RT: 7.61 min Scan# 769

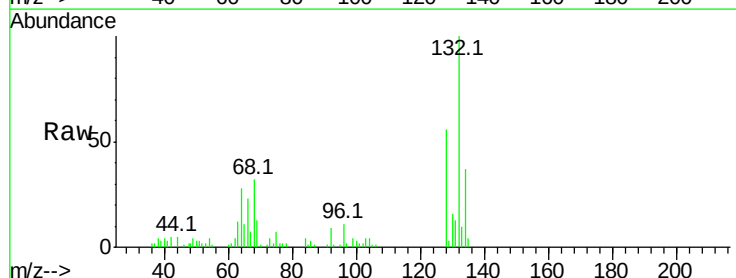
Delta R.T. -0.00 min

Lab File: BG026362.D

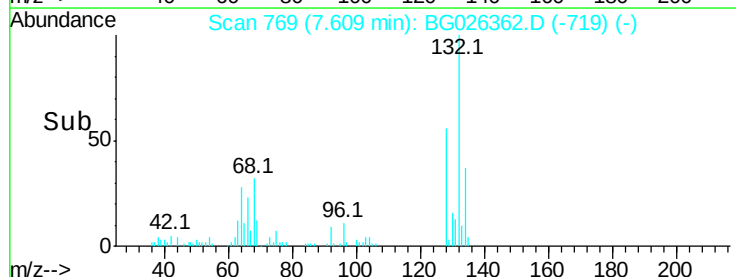
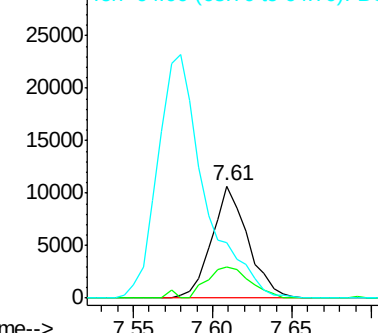
Acq: 21 Mar 2017 17:25

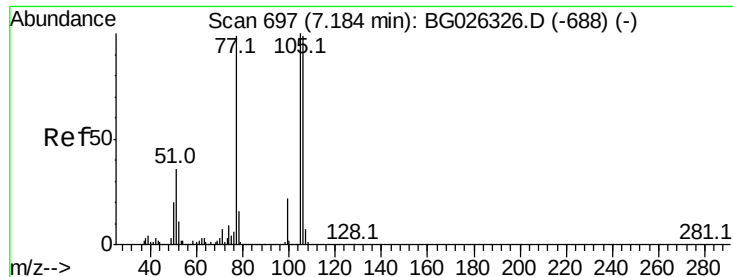
Tgt Ion: 128 Resp: 16843

Ion	Ratio	Lower	Upper
128	100		
130	27.9	11.4	51.4
64	49.1	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: 2.10 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

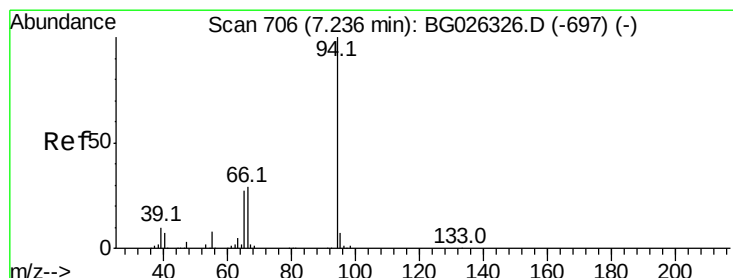
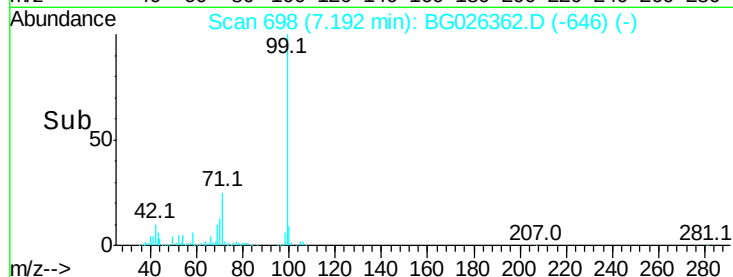
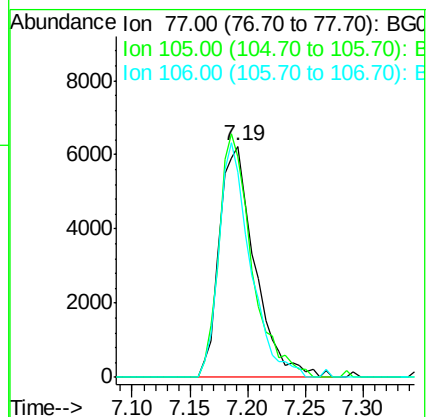
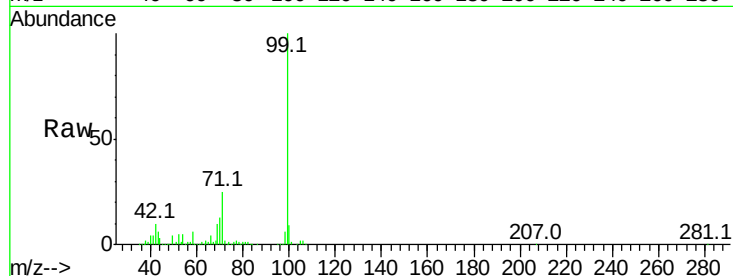
Tot Ion: 77 Resp: 13326

Ion Ratio Lower Upper

77 100

105 95.4 60.9 100.9

106 88.7 55.1 95.1



#10

Phenol

Concen: 1.97 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

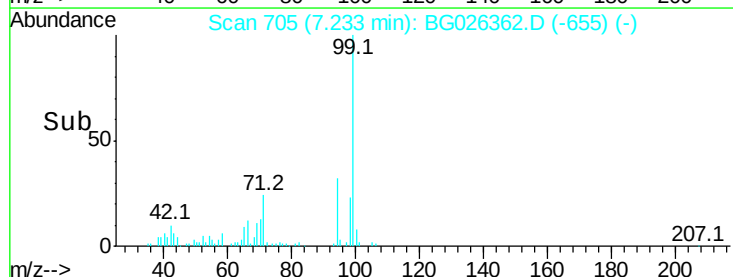
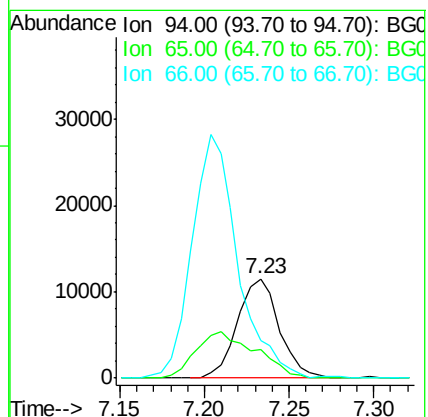
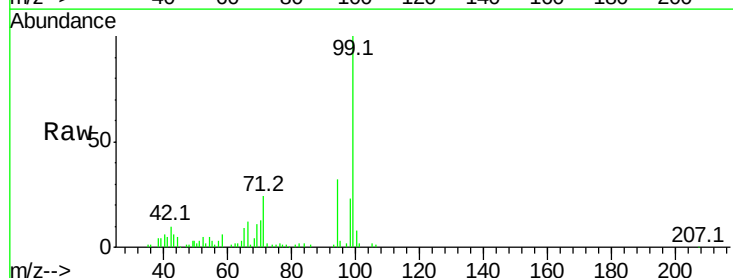
Tgt Ion: 94 Resp: 19800

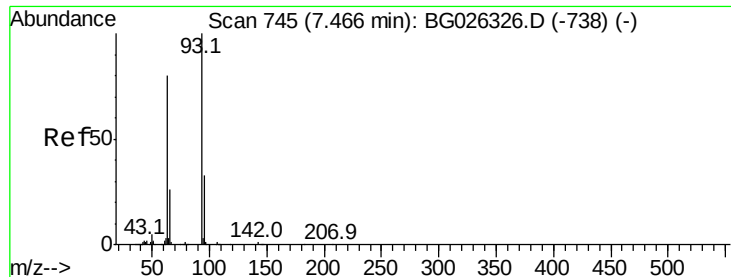
Ion Ratio Lower Upper

94 100

65 28.1 20.6 60.6

66 38.1 35.5 75.5

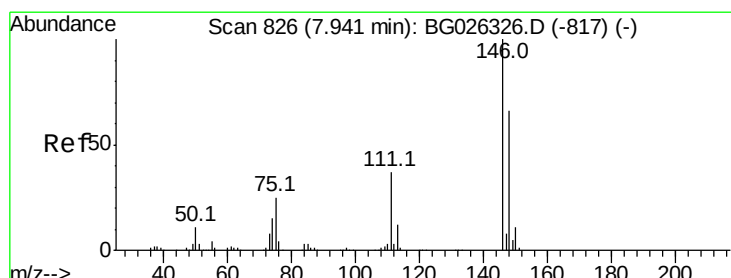
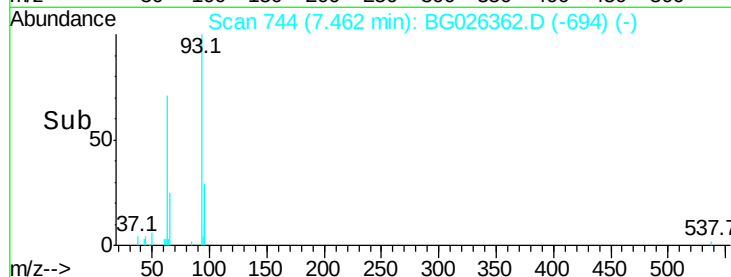
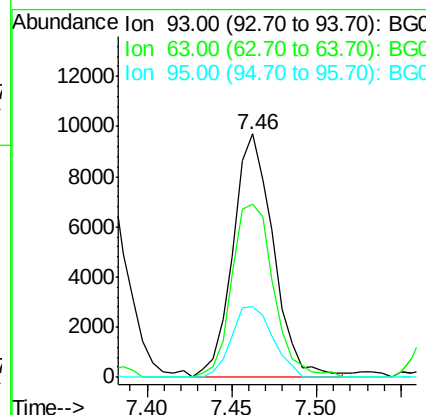
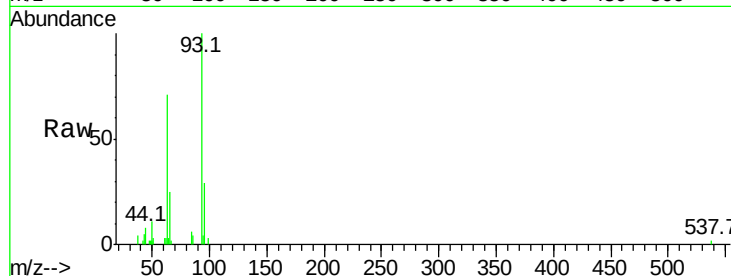




#11
bis(2-Chloroethyl)ether
Concen: 1.96 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

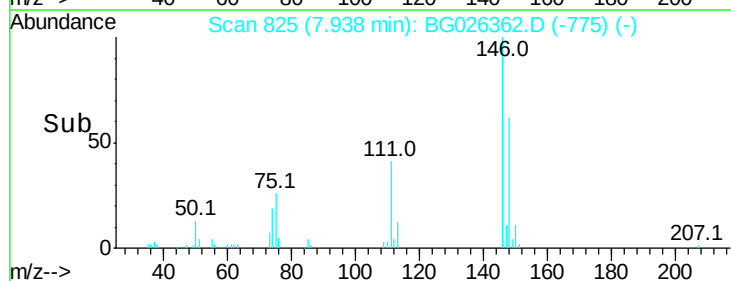
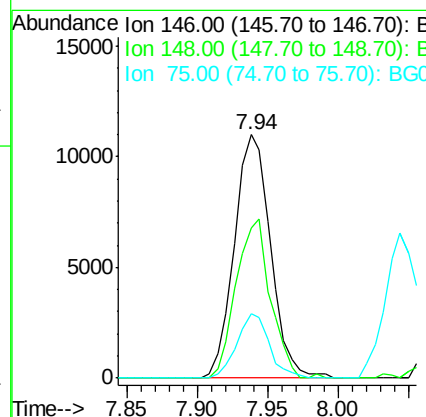
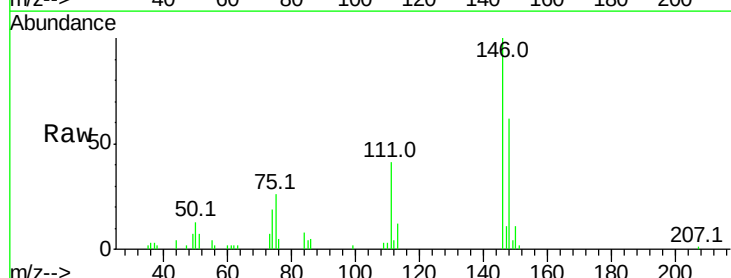
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

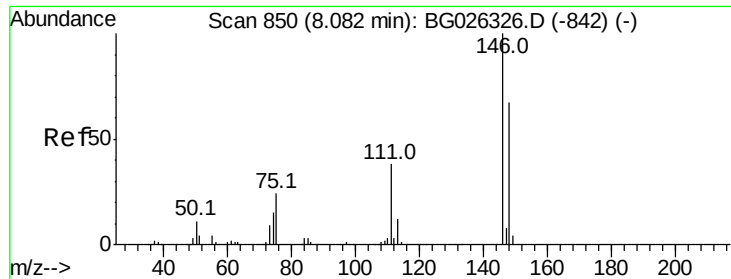
Tot Ion: 93 Resp: 16127
Ion Ratio Lower Upper
93 100
63 71.2 78.5 118.5#
95 29.0 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 2.10 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion: 146 Resp: 19696
Ion Ratio Lower Upper
146 100
148 61.8 49.2 73.8
75 26.5 33.4 50.2#

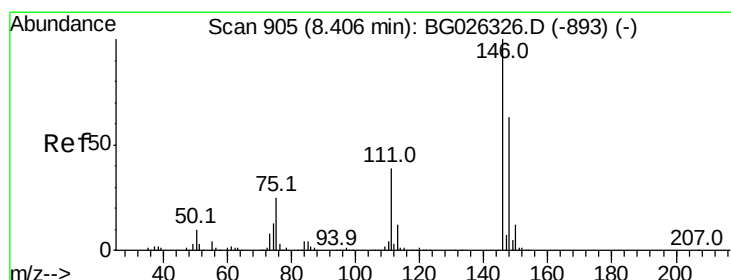
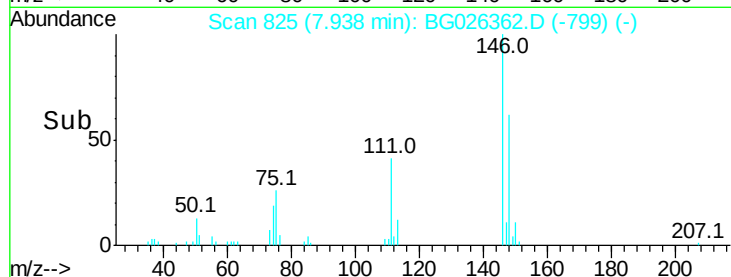
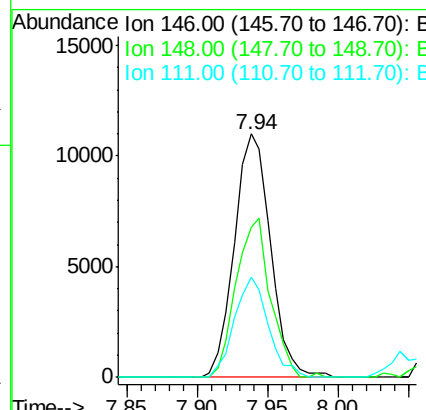
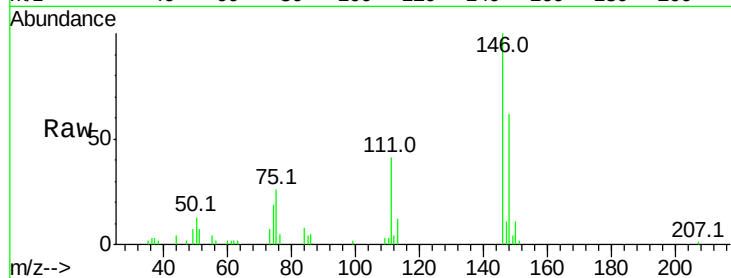




#13
1,4-Dichlorobenzene
Concen: 2.07 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.14 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

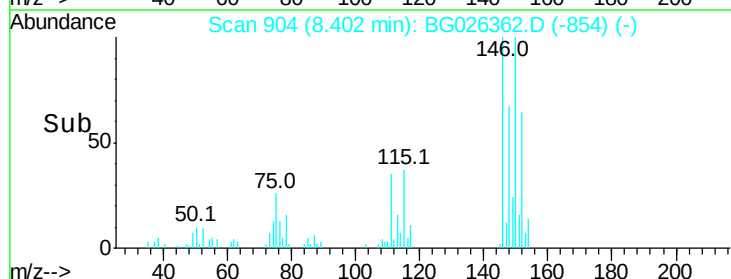
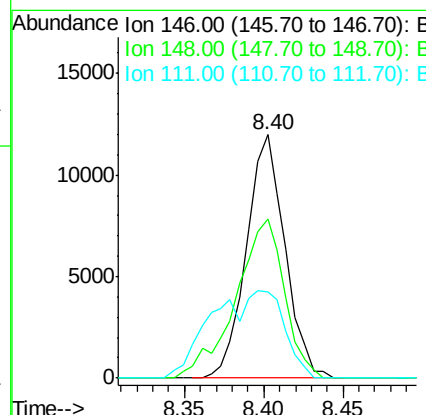
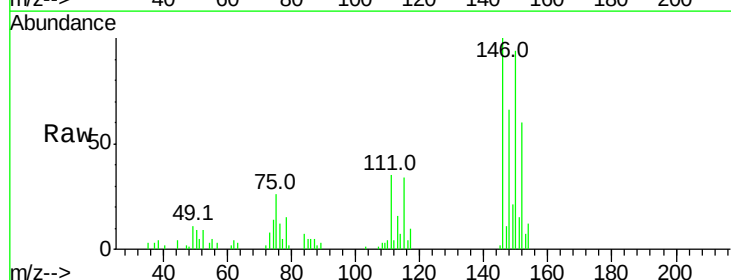
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

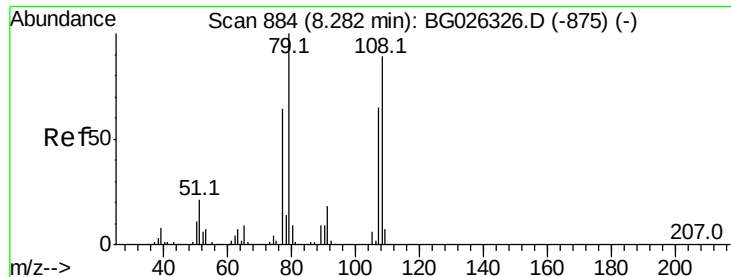
Tot Ion:146 Resp: 19696
Ion Ratio Lower Upper
146 100
148 61.8 52.2 78.2
111 41.4 37.0 55.6



#14
1,2-Dichlorobenzene
Concen: 2.22 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:146 Resp: 20193
Ion Ratio Lower Upper
146 100
148 65.6 54.6 81.8
111 35.4 39.7 59.5#





#15

Benzyl Alcohol

Concen: 1.63 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

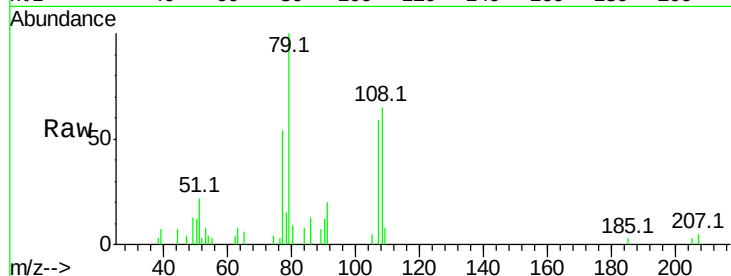
Tot Ion: 79 Resp: 10039

Ion Ratio Lower Upper

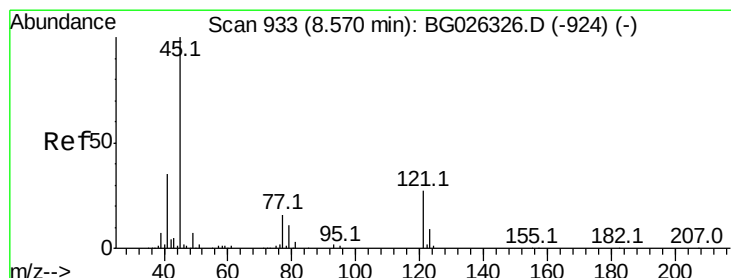
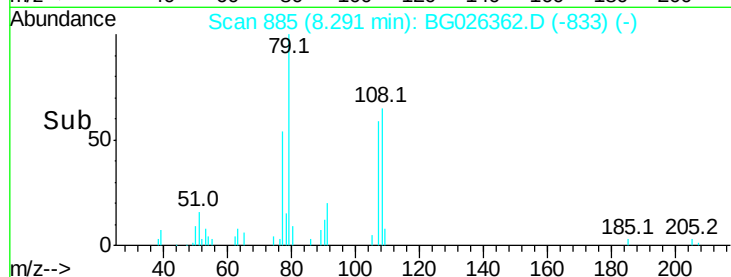
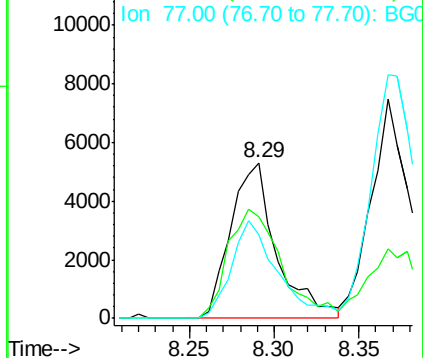
79 100

108 65.5 45.5 68.3

77 53.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.84 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

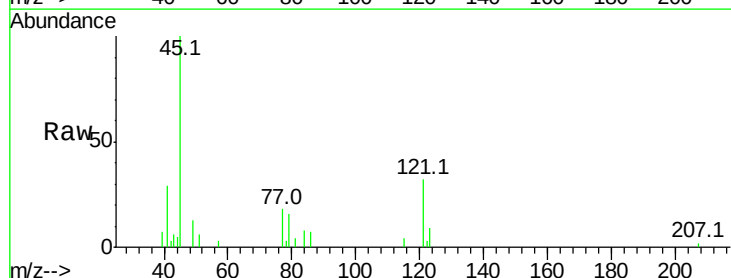
Tgt Ion: 45 Resp: 16812

Ion Ratio Lower Upper

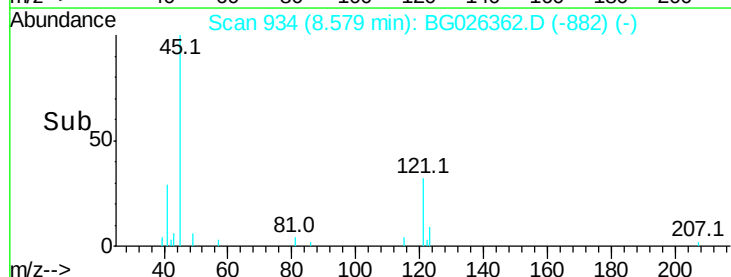
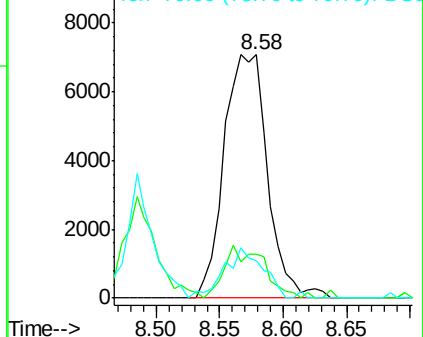
45 100

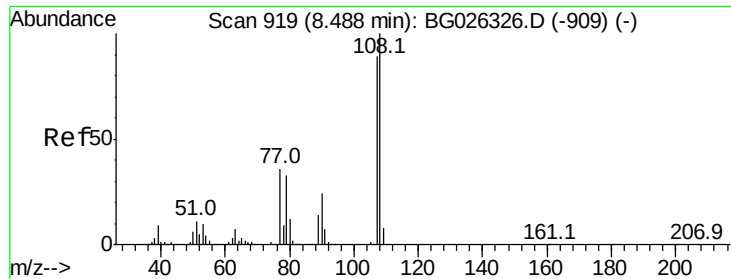
77 18.0 0.0 30.6

79 15.7 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

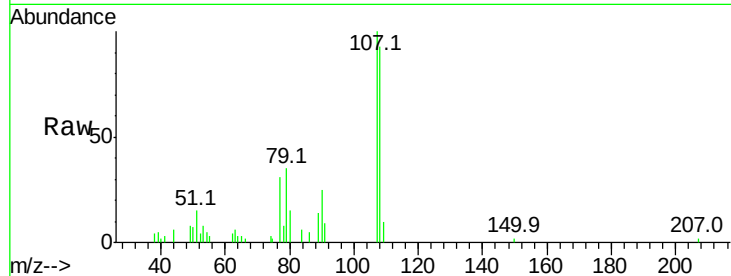




#17
2-Methylphenol
Concen: 1.92 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	93.4	85.6	128.4
77	31.0	51.4	77.2#
79	34.8	49.2	73.8#



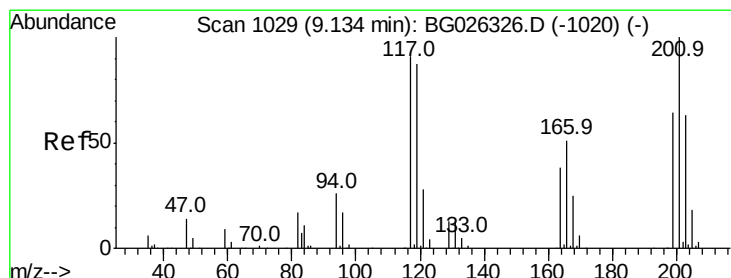
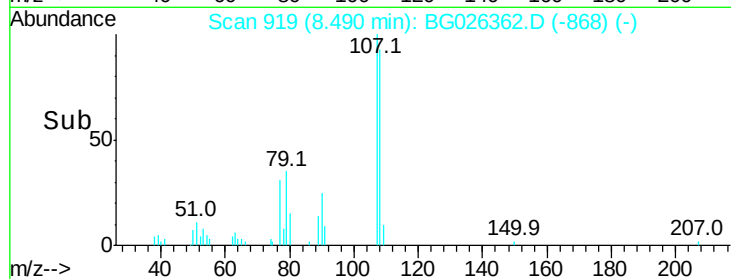
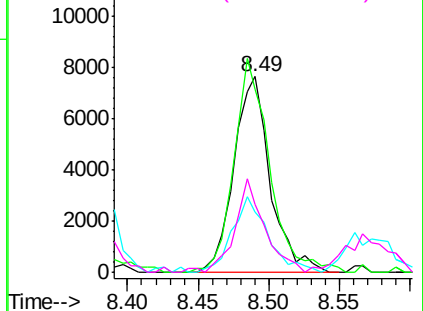
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

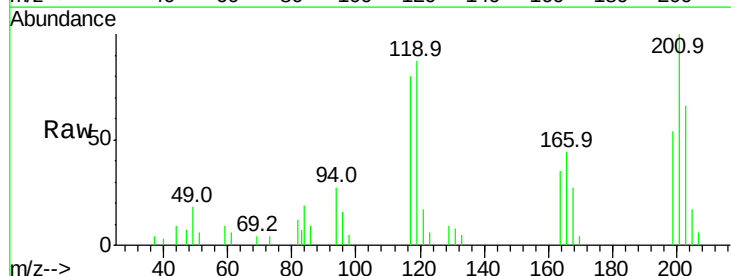
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 1.94 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	108.9	69.8	104.6#
201	124.6	95.4	143.0

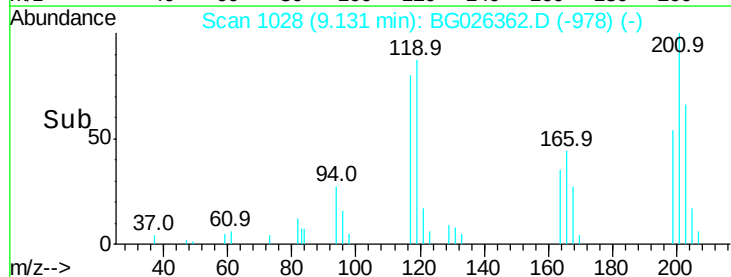
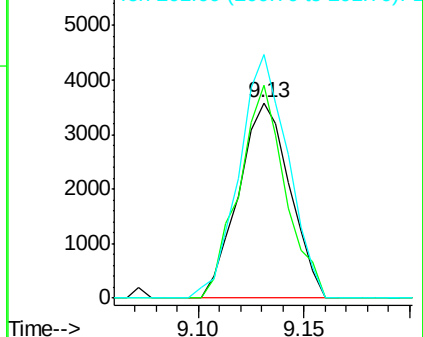


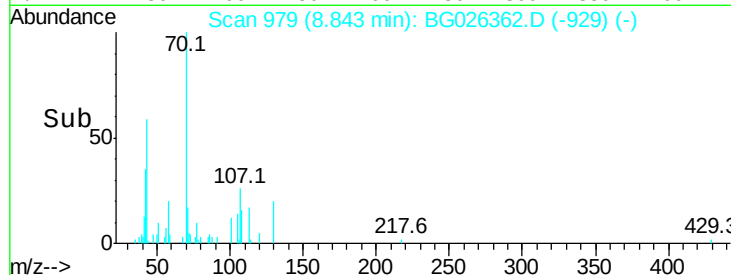
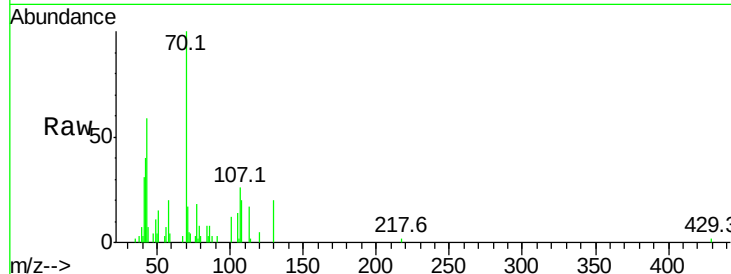
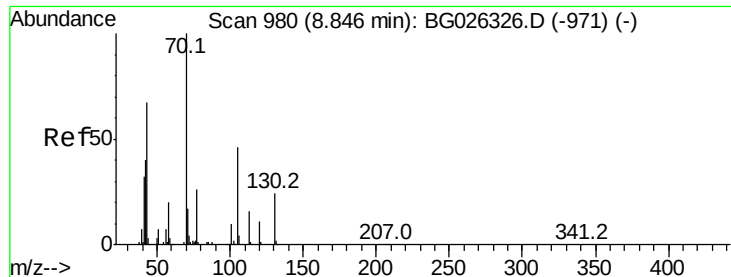
Abundance

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

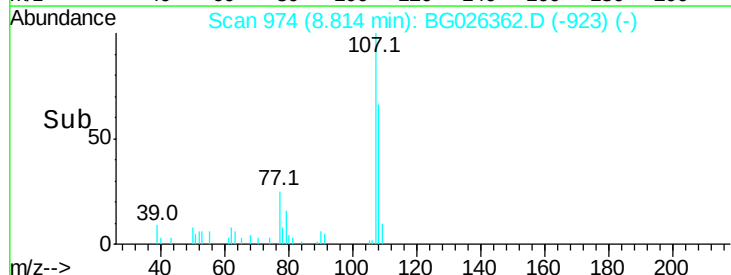
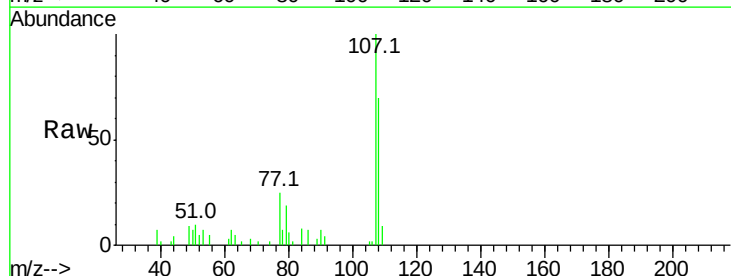
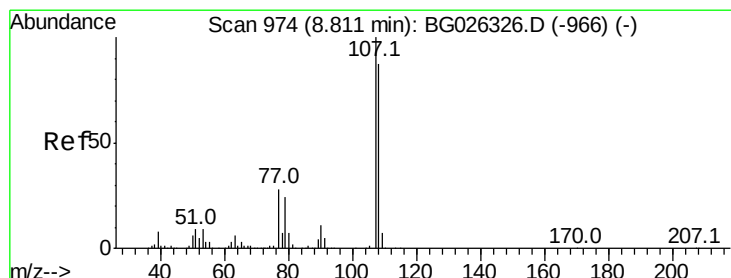
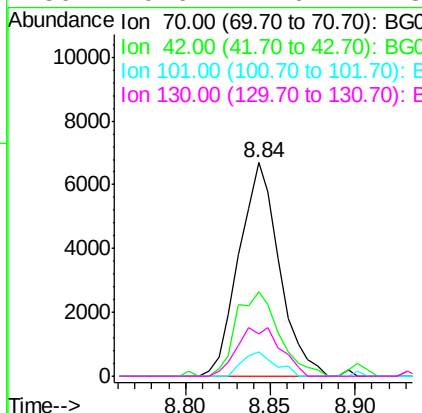




#19
n-Nitroso-di-n-propylamine
Concen: 1.84 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

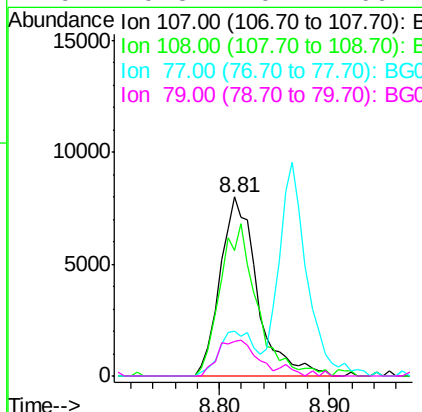
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

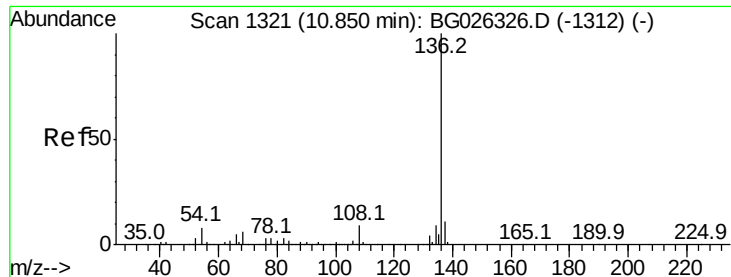
Tot Ion:	70	Resp:	11145
Ion	Ratio	Lower	Upper
70	100		
42	39.6	56.1	84.1#
101	11.7	7.5	11.3#
130	19.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 1.91 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:	107	Resp:	18809
Ion	Ratio	Lower	Upper
107	100		
108	70.2	70.8	110.8#
77	24.9	25.8	65.8#
79	19.3	20.1	60.1#

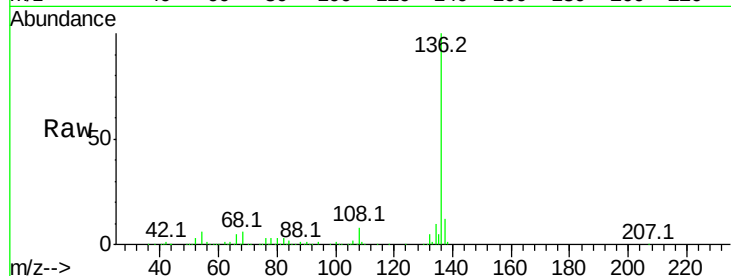




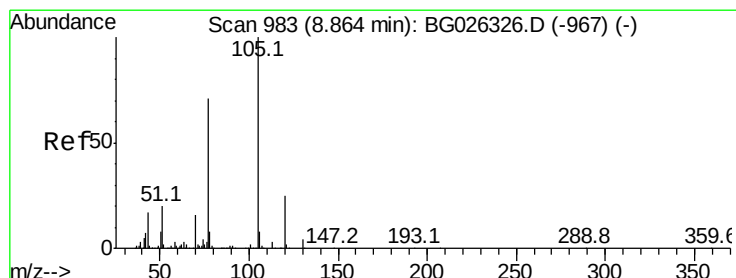
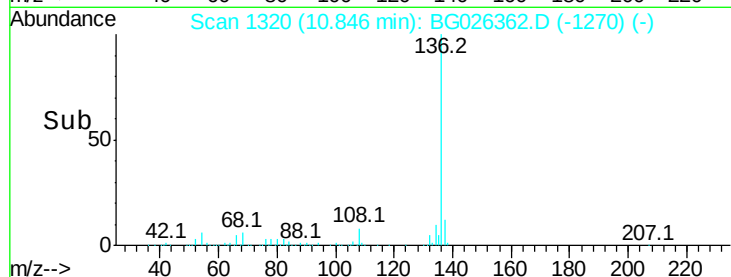
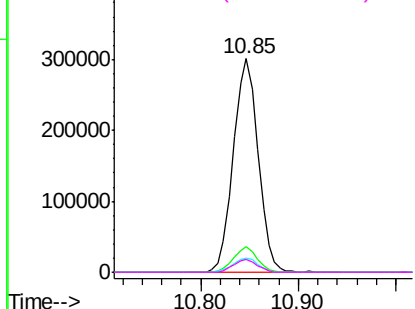
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

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

Tot Ion:136	Resp:	532944
Ion Ratio	Lower	Upper
136	100	
137	12.0	8.9 13.3
54	6.4	9.3 13.9#
68	5.9	5.1 7.7

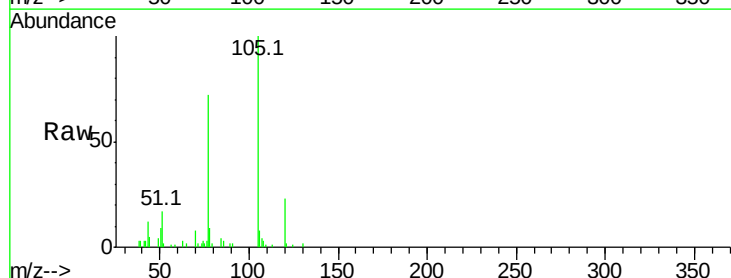


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

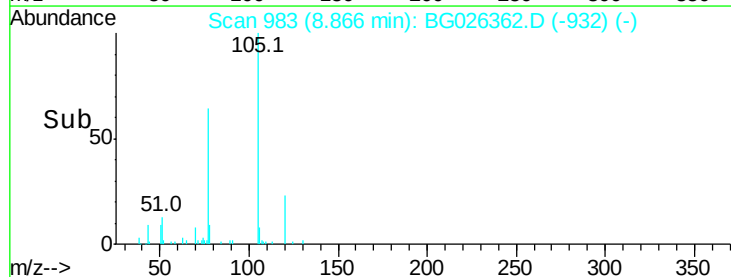
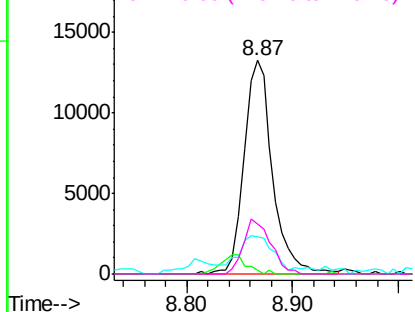


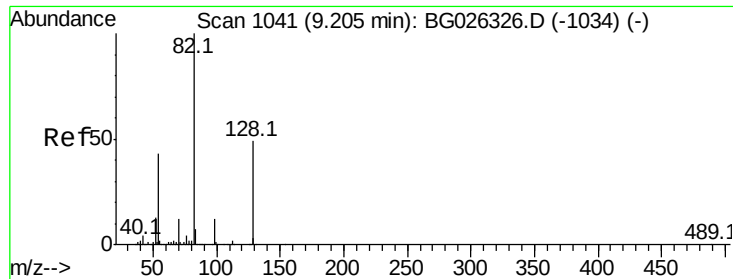
#22
Acetophenone
Concen: 2.02 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:105	Resp:	24797
Ion Ratio	Lower	Upper
105	100	
71	1.8	0.9 1.3#
51	17.2	34.0 51.0#
120	23.1	17.3 25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

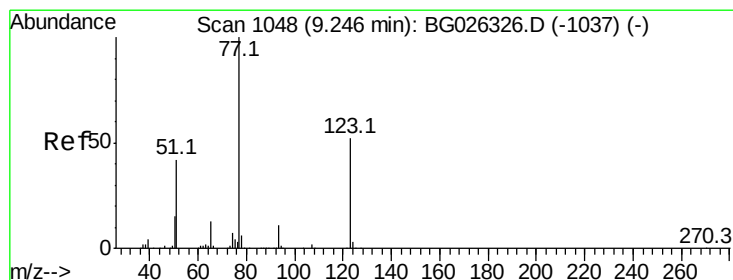
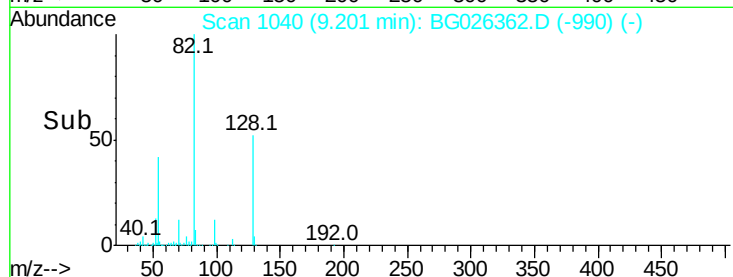
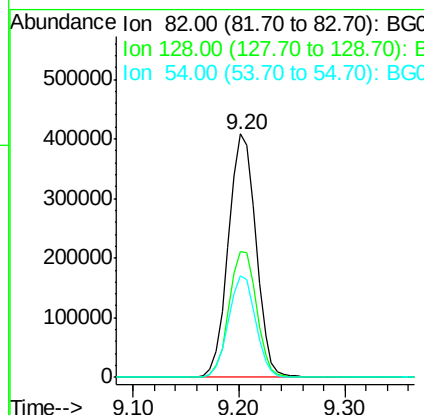
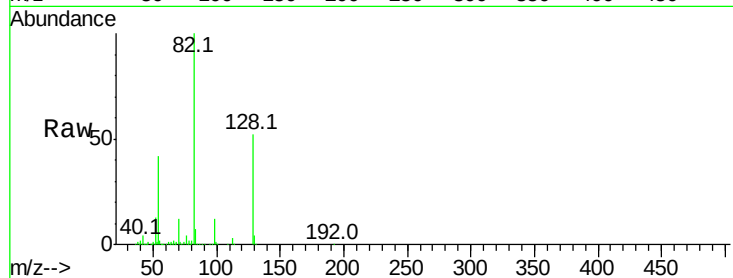




#23
 Nitrobenzene-d5
 Concen: 82.74 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

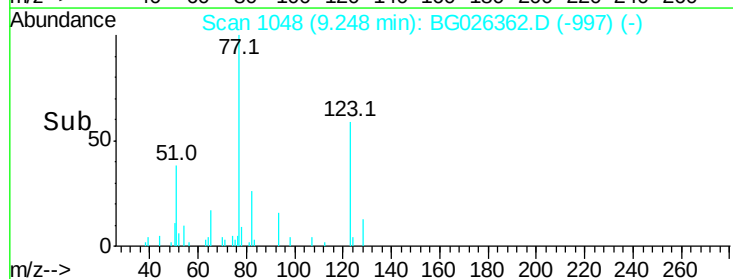
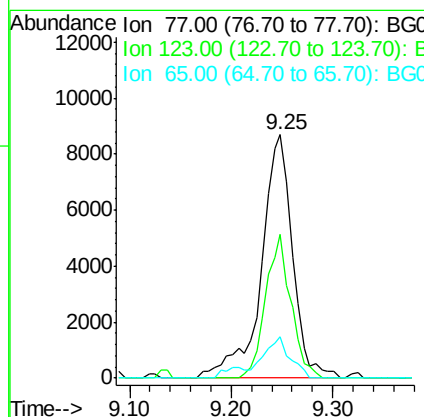
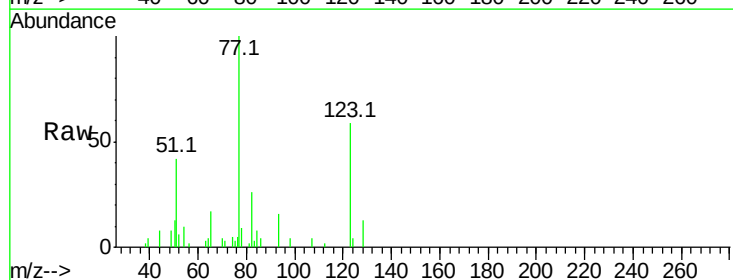
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

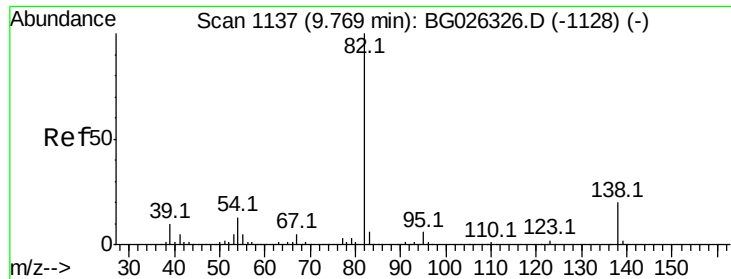
Tot Ion: 82 Resp: 733330
 Ion Ratio Lower Upper
 82 100
 128 51.7 26.4 39.6#
 54 41.9 49.4 74.2#



#24
 Nitrobenzene
 Concen: 2.13 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion: 77 Resp: 18667
 Ion Ratio Lower Upper
 77 100
 123 59.0 26.1 39.1#
 65 17.0 12.4 18.6





#25

Isophorone

Concen: 1.84 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

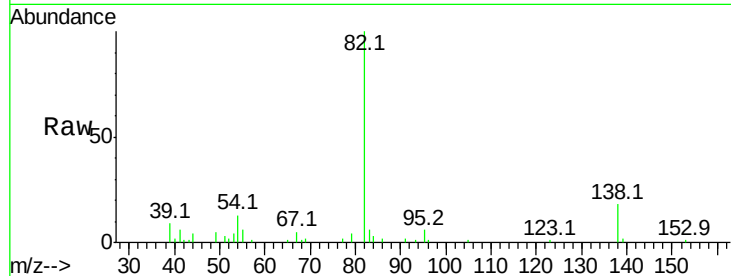
Tot Ion: 82 Resp: 30711

Ion Ratio Lower Upper

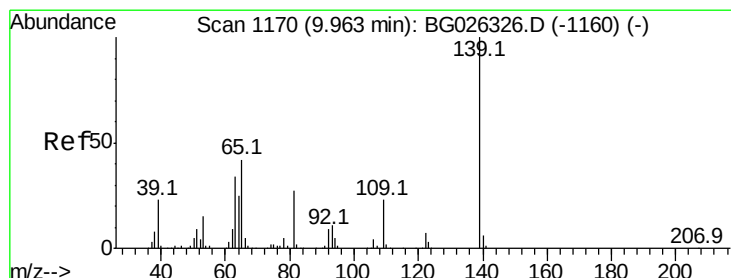
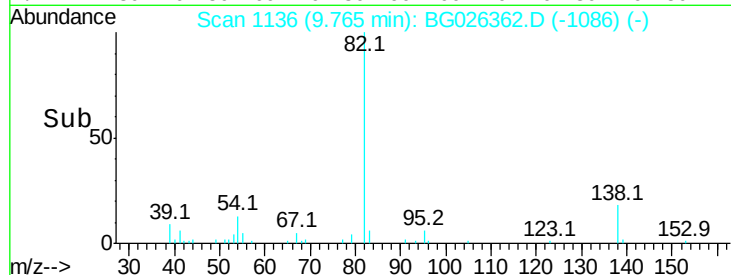
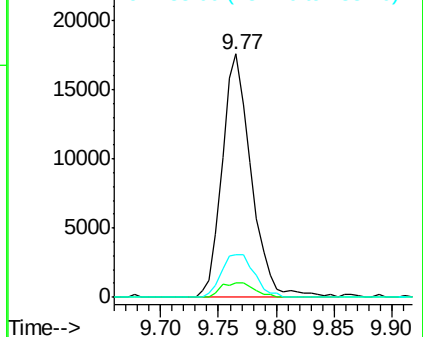
82 100

95 6.1 7.5 11.3#

138 17.8 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: 1.87 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

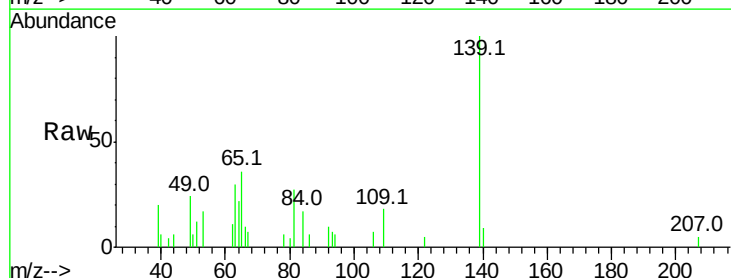
Tgt Ion:139 Resp: 8510

Ion Ratio Lower Upper

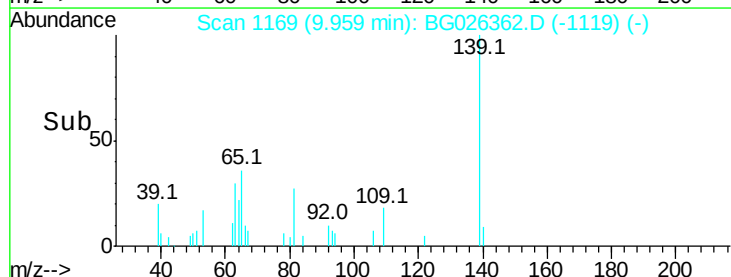
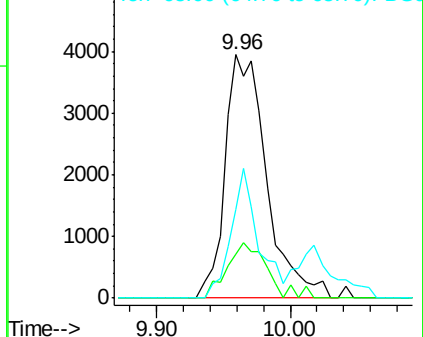
139 100

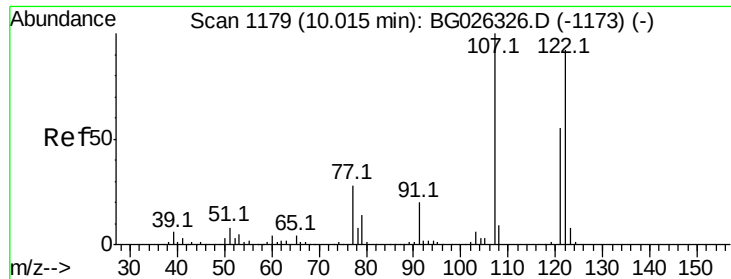
109 18.2 38.6 58.0#

65 36.4 57.1 85.7#



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

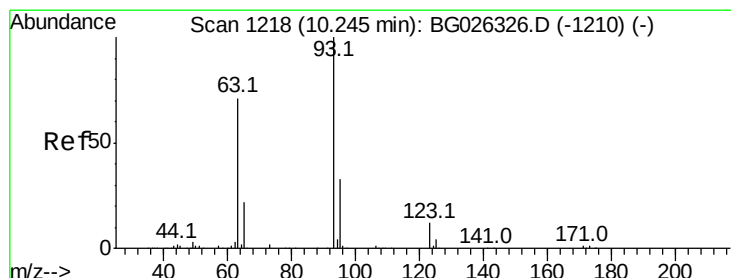
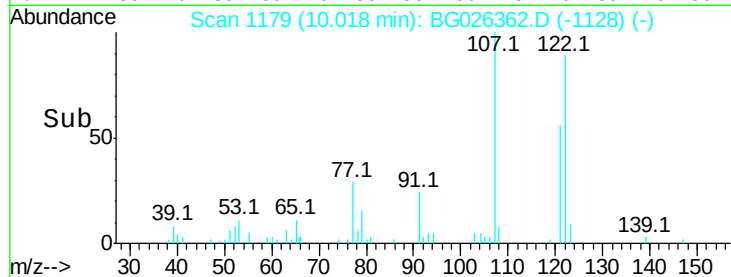
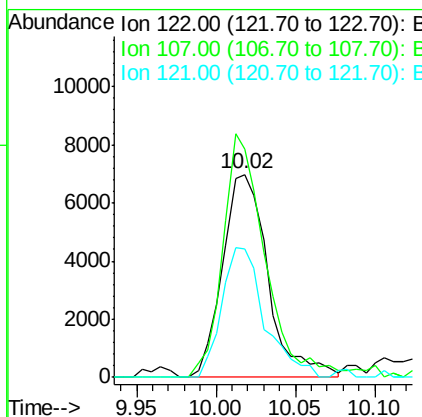
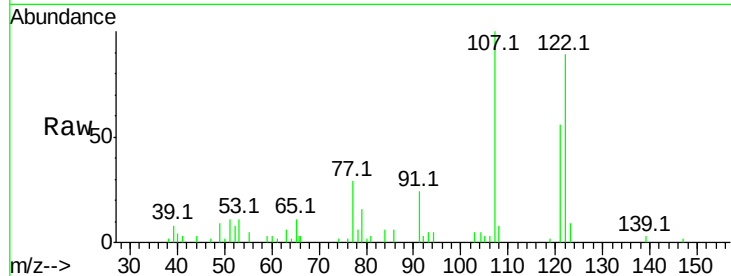




#27
 2,4-Dimethylphenol
 Concen: 1.86 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

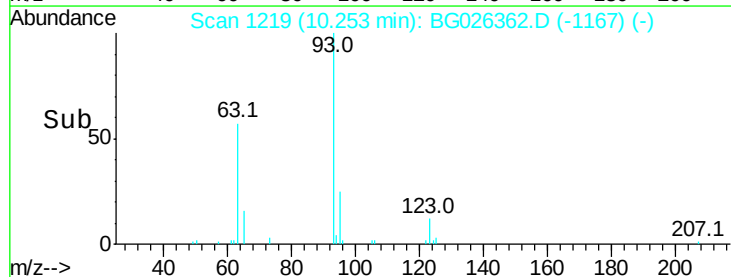
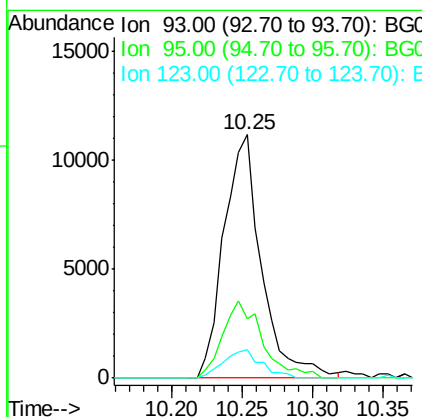
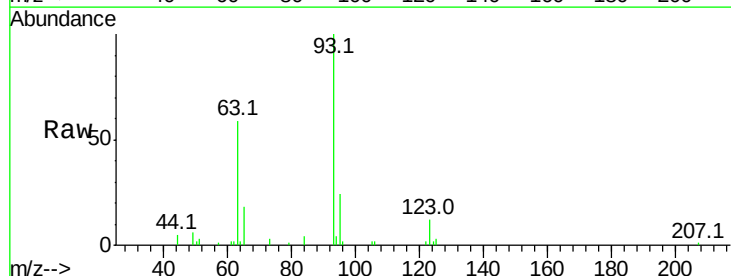
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

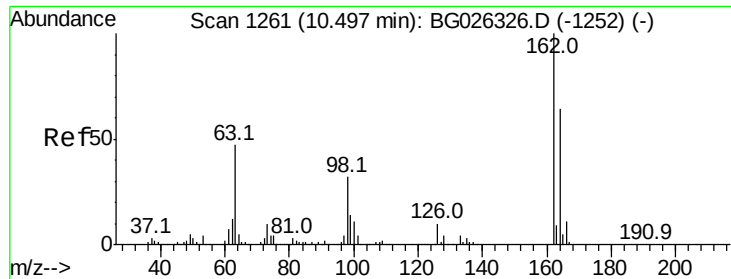
Tot Ion:122 Resp: 13891
 Ion Ratio Lower Upper
 122 100
 107 112.2 104.2 156.4
 121 63.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.91 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion: 93 Resp: 20708
 Ion Ratio Lower Upper
 93 100
 95 24.3 25.7 38.5#
 123 12.0 8.3 12.5

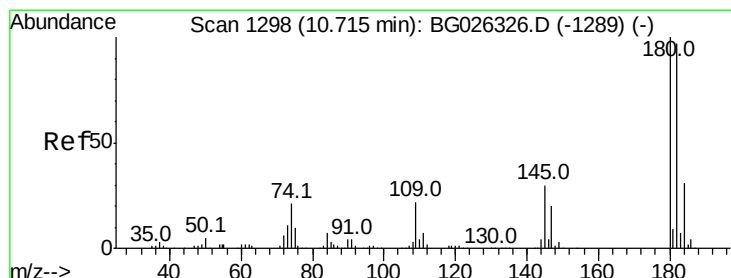
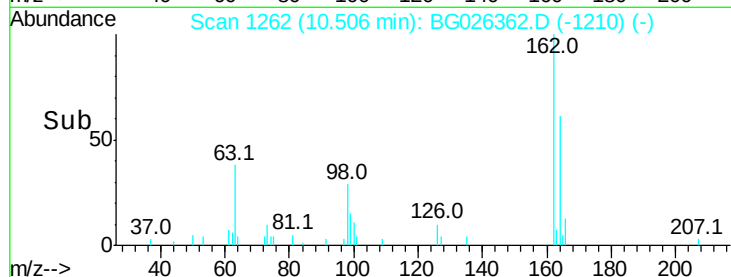
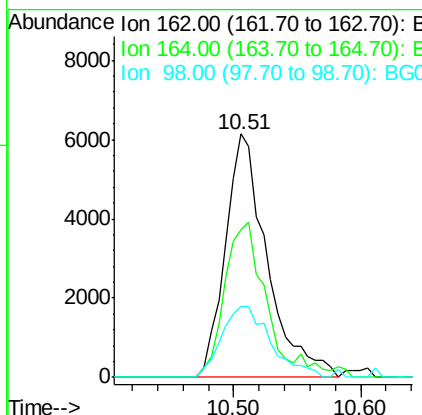
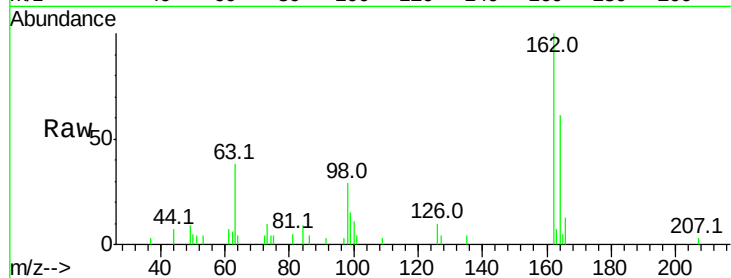




#29
 2,4-Dichlorophenol
 Concen: 1.85 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

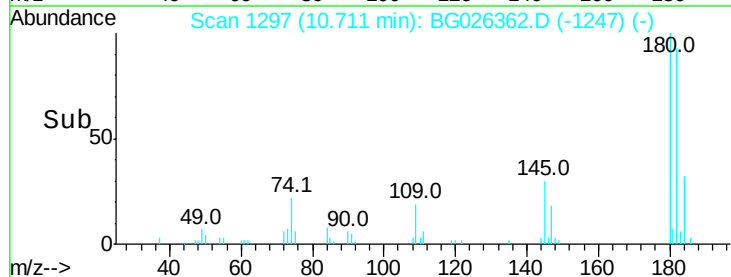
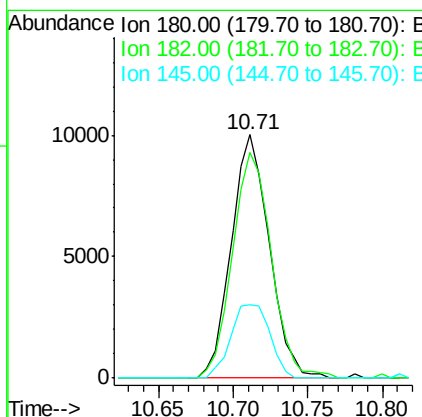
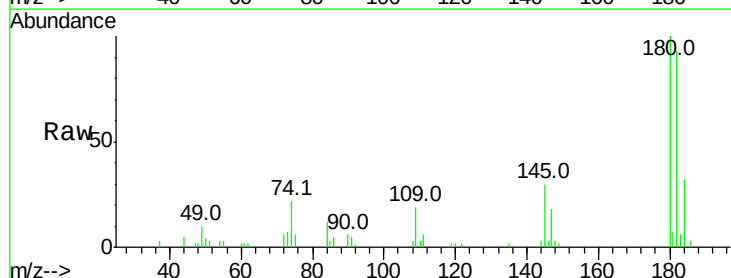
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

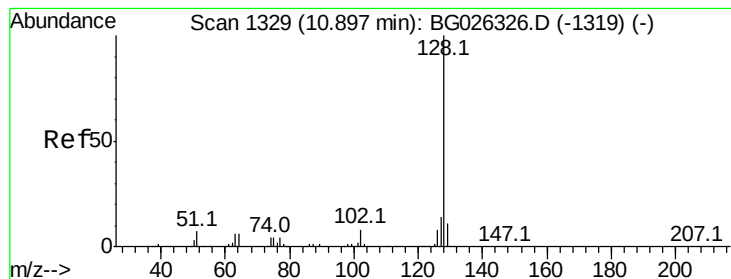
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.6	42.4	82.4
98	29.3	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 2.10 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.0	115.4
145	30.1	23.4	35.0





#31

Naphthalene

Concen: 2.13 ng

RT: 10.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

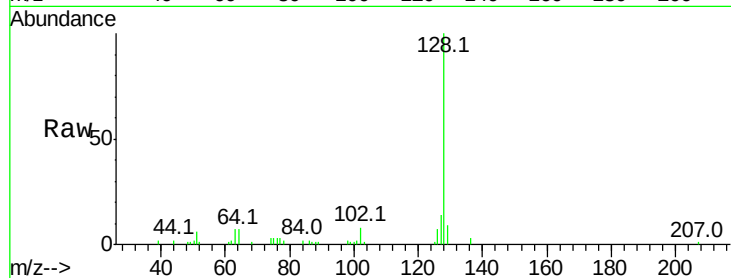
Tot Ion:128 Resp: 57400

Ion Ratio Lower Upper

128 100

129 9.3 9.3 13.9

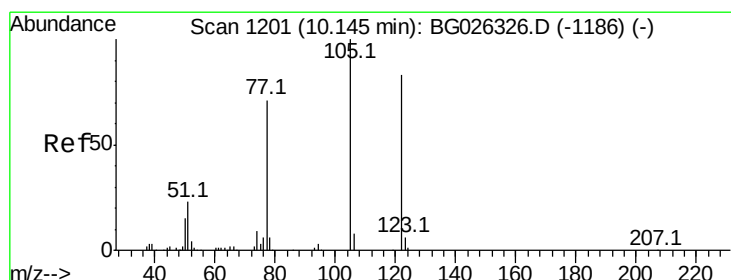
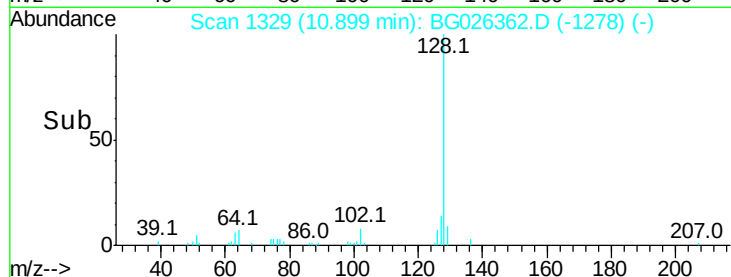
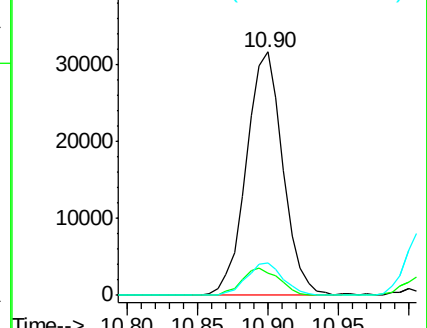
127 13.5 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.11 ng

RT: 10.11 min Scan# 1194

Delta R.T. -0.04 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

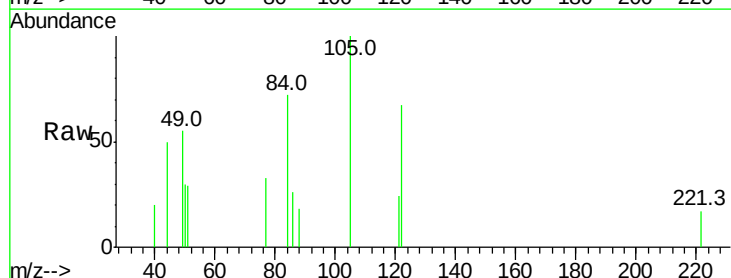
Tgt Ion:122 Resp: 606

Ion Ratio Lower Upper

122 100

105 149.2 120.1 160.1

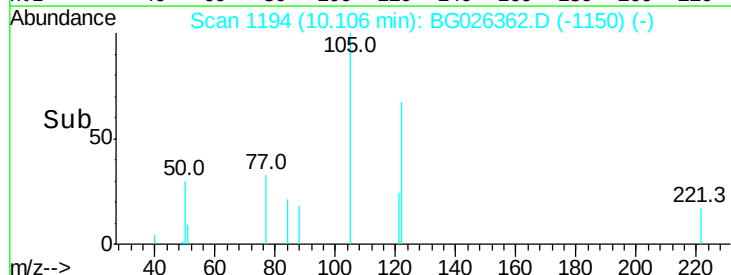
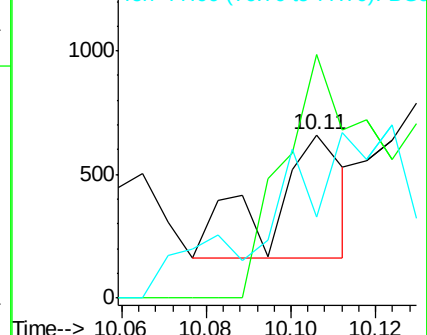
77 49.8 104.6 144.6#

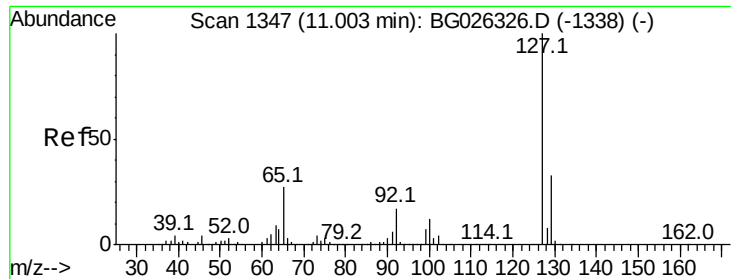


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

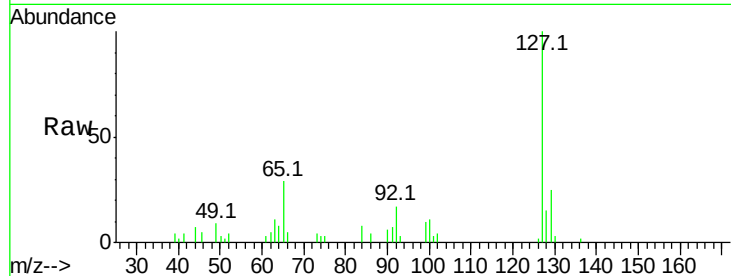




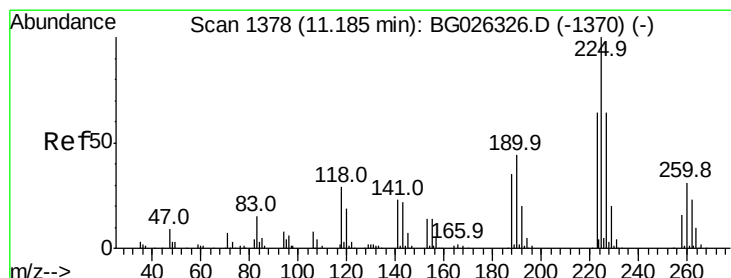
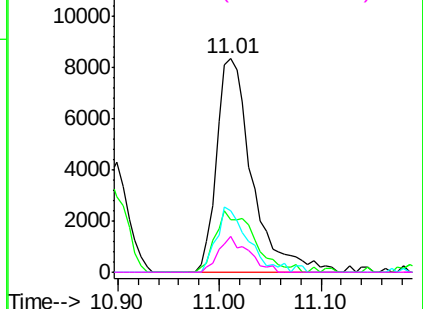
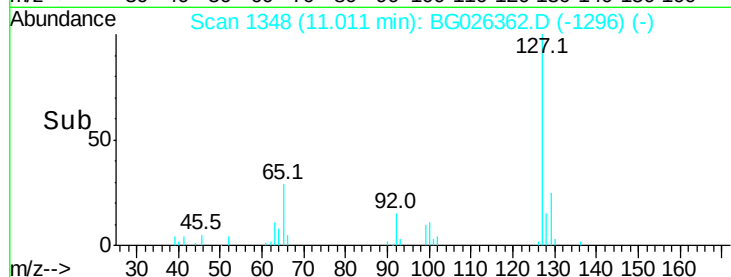
#33
4-Chloroaniline
Concen: 1.84 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

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

Tot Ion:	127	Resp:	20201
Ion	Ratio	Lower	Upper
127	100		
129	24.8	23.6	35.4
65	28.6	37.7	56.5#
92	16.6	17.6	26.4#

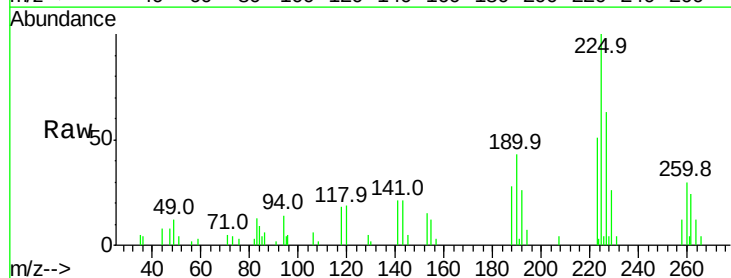


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

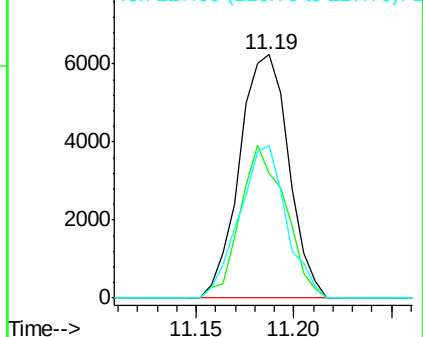
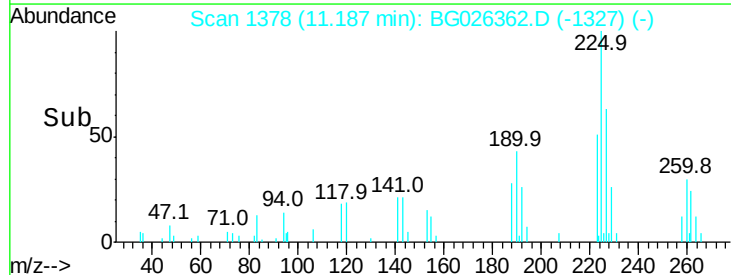


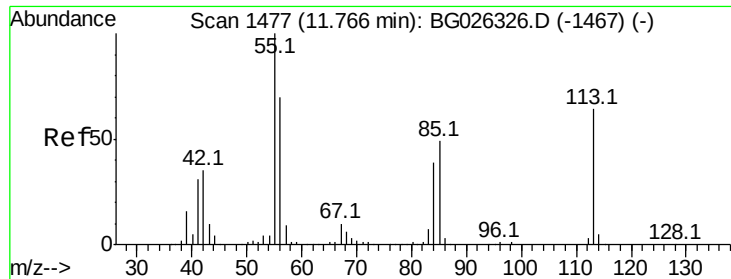
#34
Hexachlorobutadiene
Concen: 2.17 ng
RT: 11.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:	225	Resp:	10871
Ion	Ratio	Lower	Upper
225	100		
223	51.1	50.7	76.1
227	62.5	49.0	73.6



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





#35

Caprolactam

Concen: 1.74 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

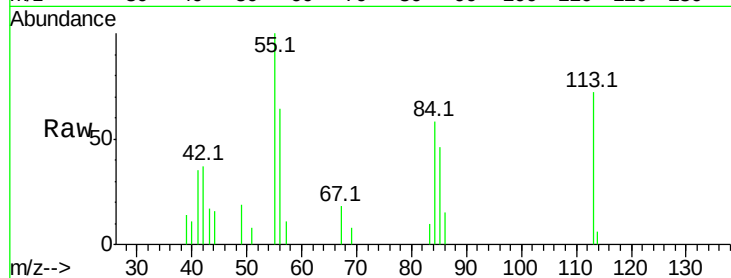
Tot Ion:113 Resp: 5184

Ion Ratio Lower Upper

113 100

55 139.2 198.6 238.6#

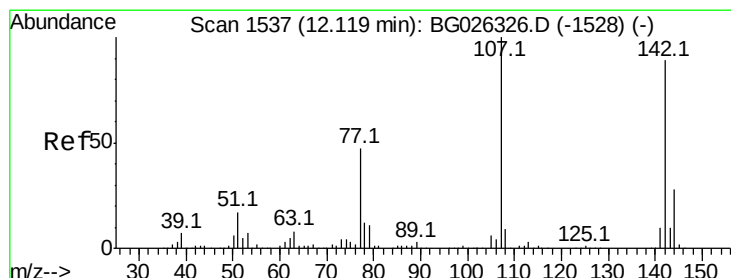
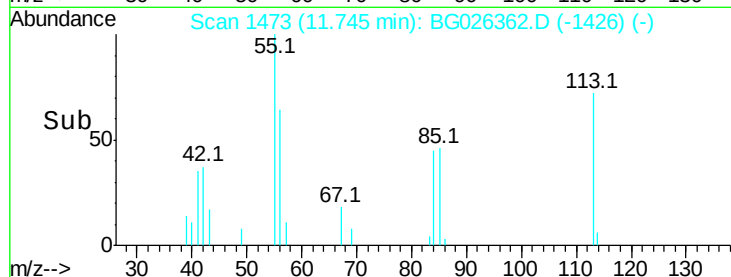
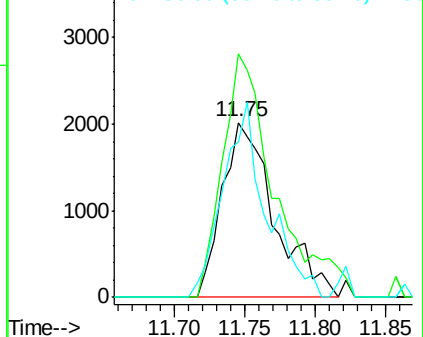
56 89.0 140.4 180.4#



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: 1.74 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

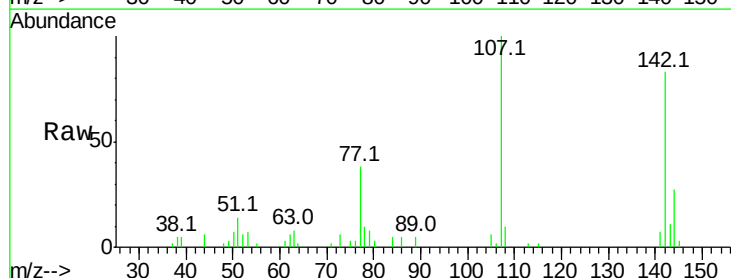
Tgt Ion:107 Resp: 14083

Ion Ratio Lower Upper

107 100

144 26.9 17.4 26.0#

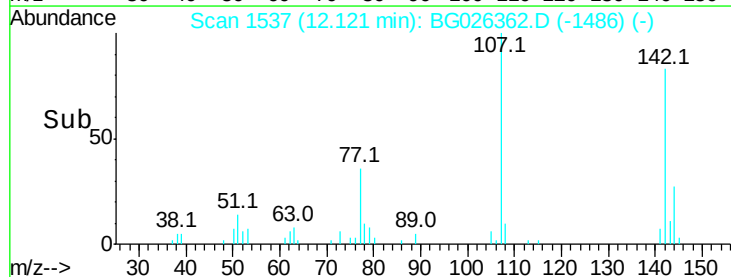
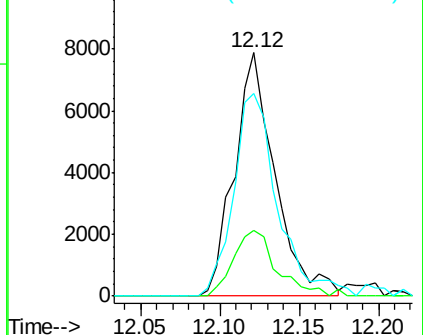
142 83.5 54.1 81.1#

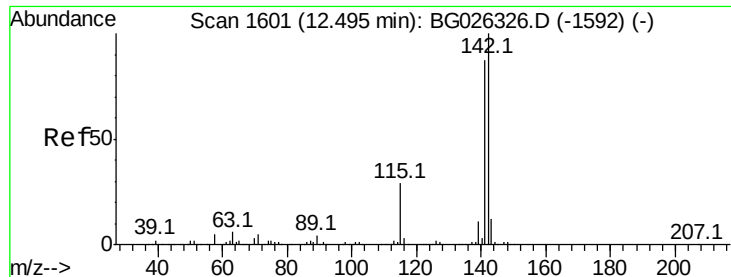


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

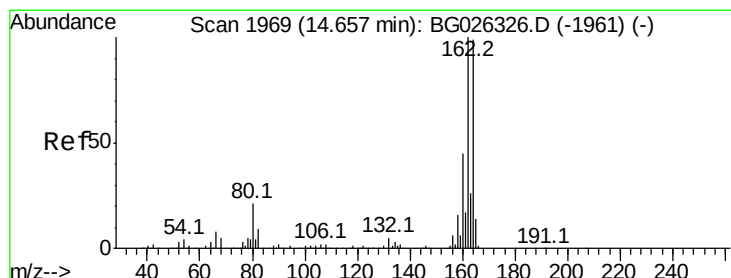
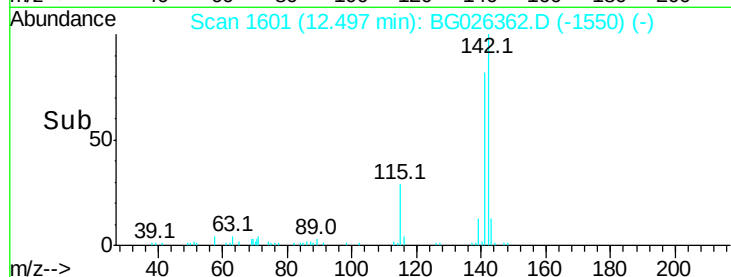
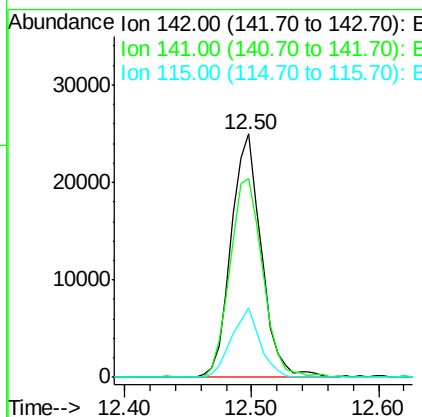
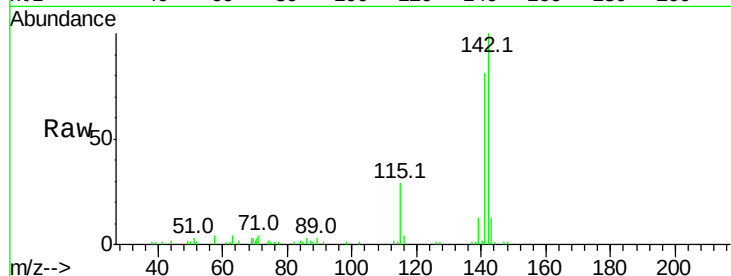




#37
2-Methylnaphthalene
Concen: 2.08 ng
RT: 12.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

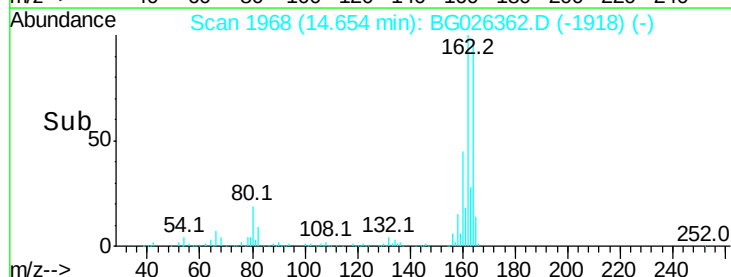
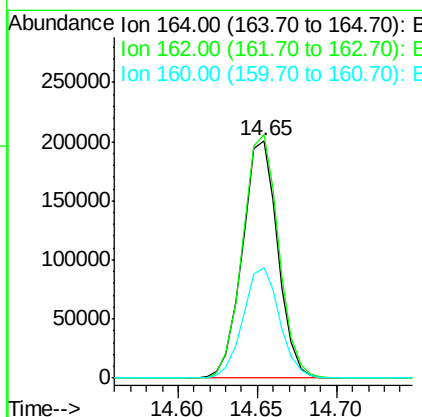
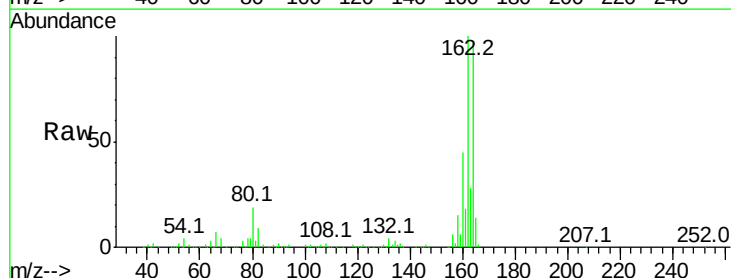
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

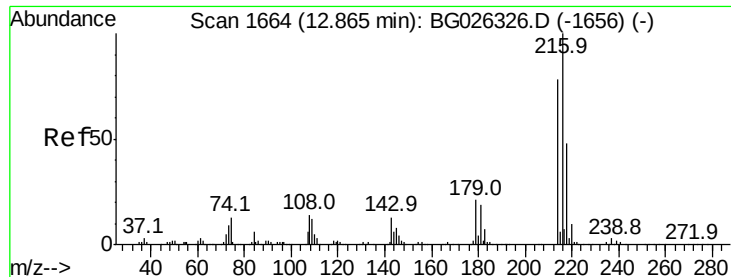
Tot Ion:142 Resp: 41115
Ion Ratio Lower Upper
142 100
141 81.4 70.4 105.6
115 28.7 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:164 Resp: 310410
Ion Ratio Lower Upper
164 100
162 102.6 85.1 127.7
160 46.7 34.7 52.1

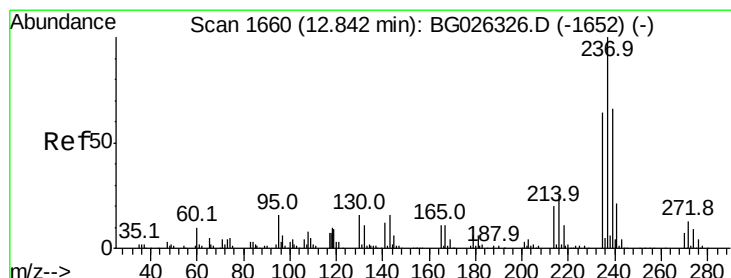
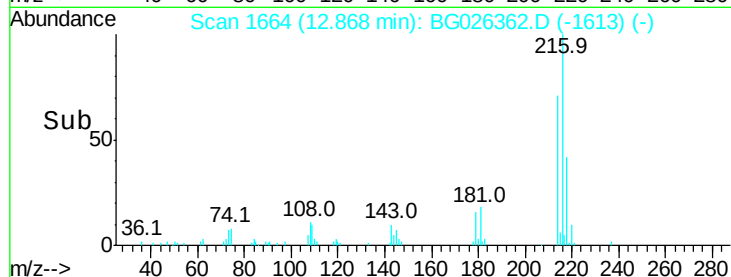
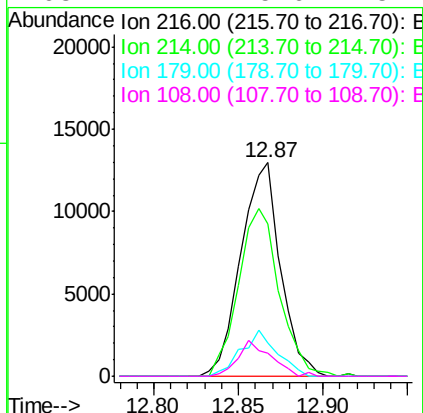
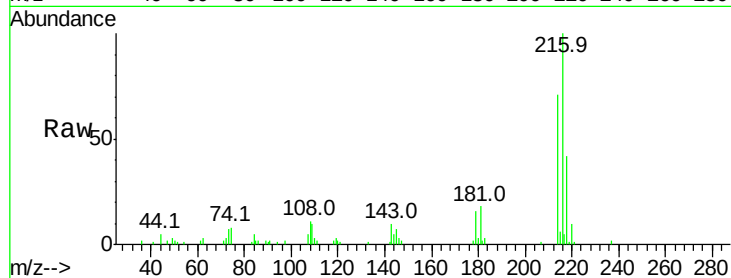




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.26 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

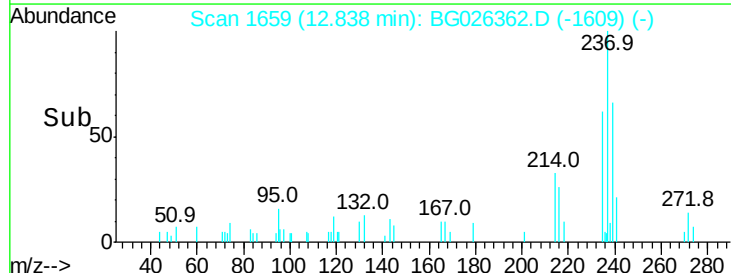
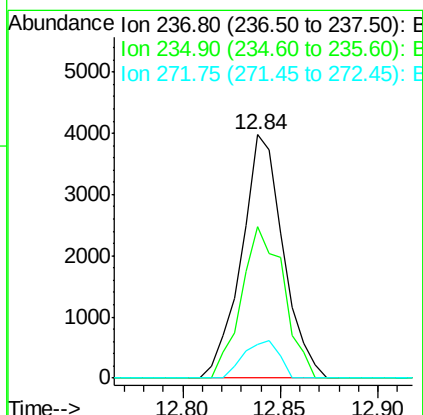
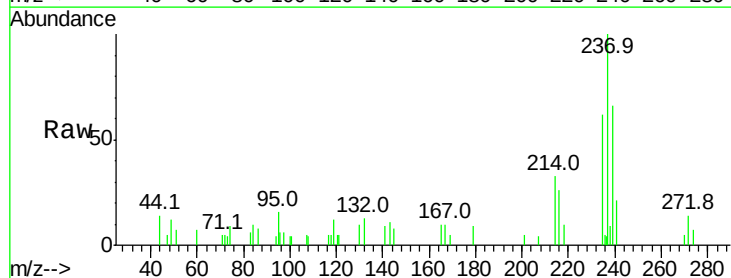
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

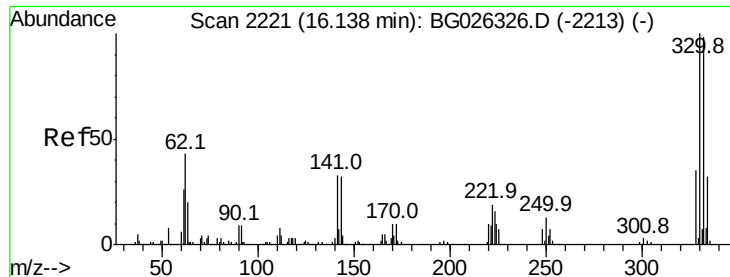
Tot Ion:	216	Resp:	21122
Ion	Ratio	Lower	Upper
216	100		
214	81.5	64.4	96.6
179	19.6	17.4	26.0
108	14.2	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 1.20 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion:	237	Resp:	5898
Ion	Ratio	Lower	Upper
237	100		
235	62.1	39.4	79.4
272	13.7	0.0	32.0

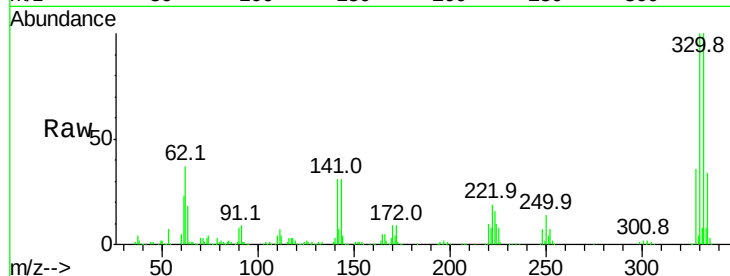




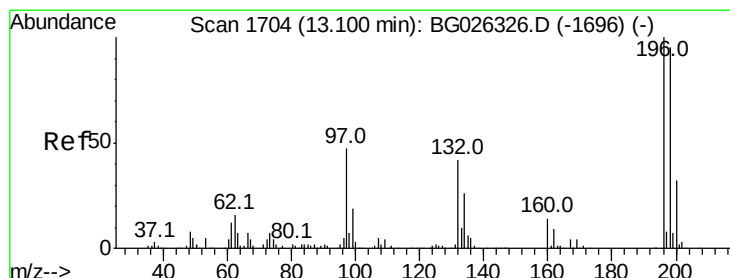
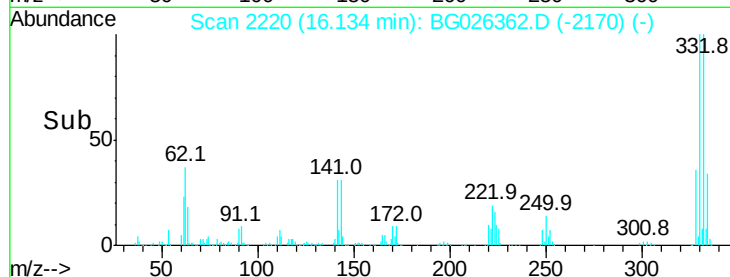
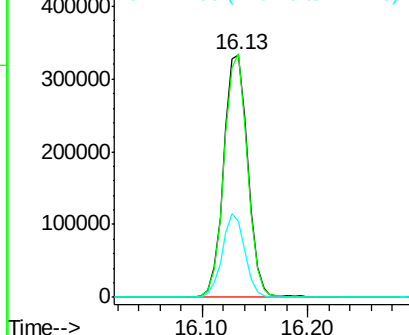
#41
 2,4,6-Tribromophenol
 Concen: 148.26 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

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

Tot Ion:330 Resp: 527028
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 32.2 32.1 48.1

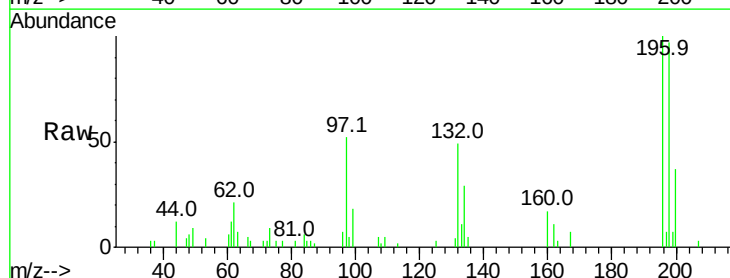


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

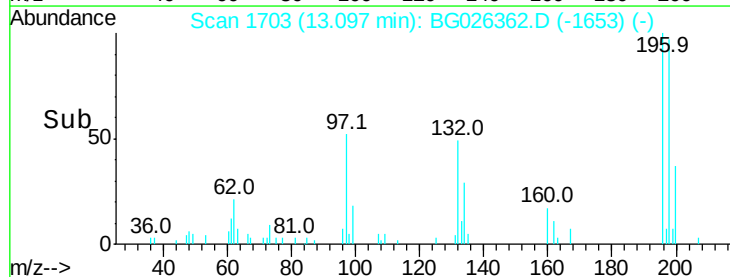
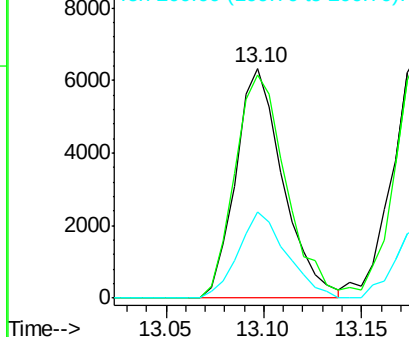


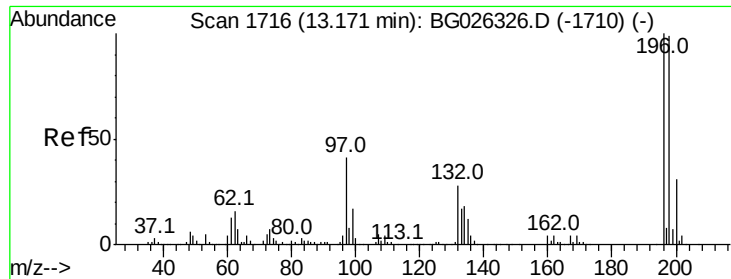
#42
 2,4,6-Trichlorophenol
 Concen: 1.74 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion:196 Resp: 10655
 Ion Ratio Lower Upper
 196 100
 198 96.8 81.4 122.2
 200 37.3 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

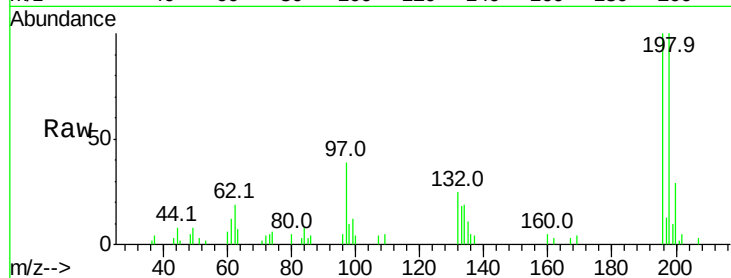




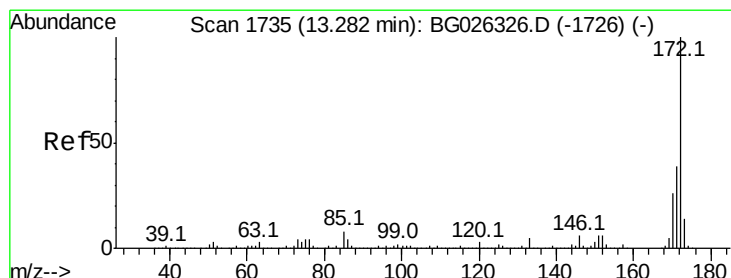
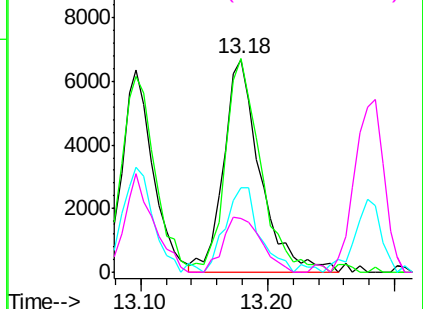
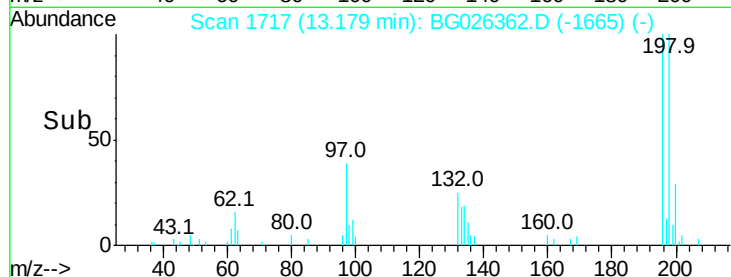
#43
 2,4,5-Trichlorophenol
 Concen: 1.97 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

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

Tot Ion:196 Resp: 13346
 Ion Ratio Lower Upper
 196 100
 198 100.5 79.9 119.9
 97 39.5 45.4 68.0#
 132 25.6 20.7 31.1

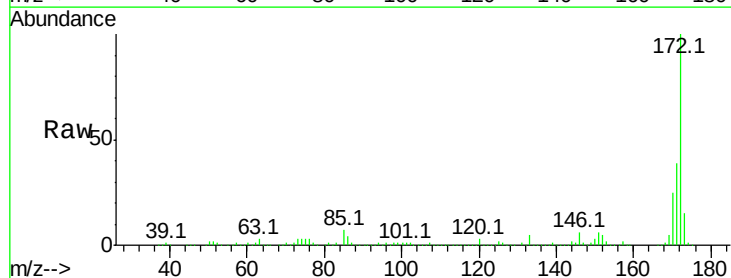


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

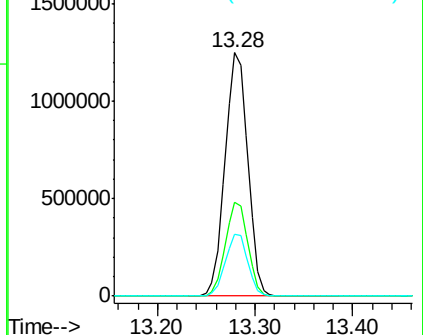
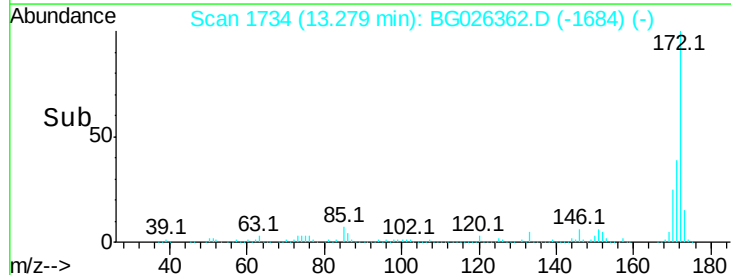


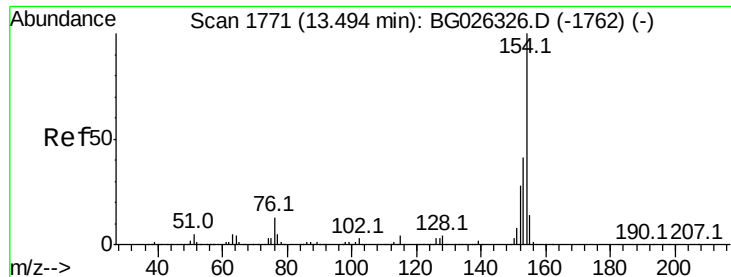
#44
 2-Fluorobiphenyl
 Concen: 91.06 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion:172 Resp: 2015632
 Ion Ratio Lower Upper
 172 100
 171 38.7 32.2 48.2
 170 25.4 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

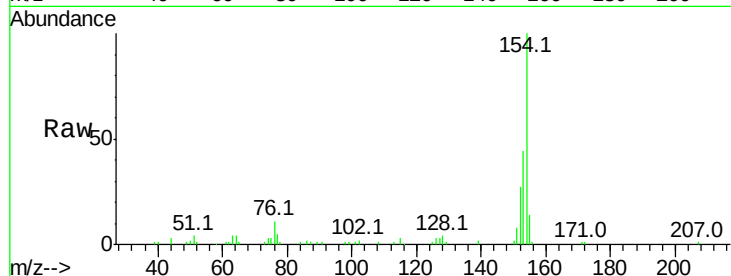




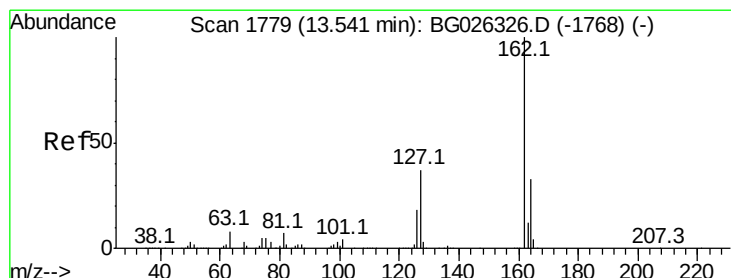
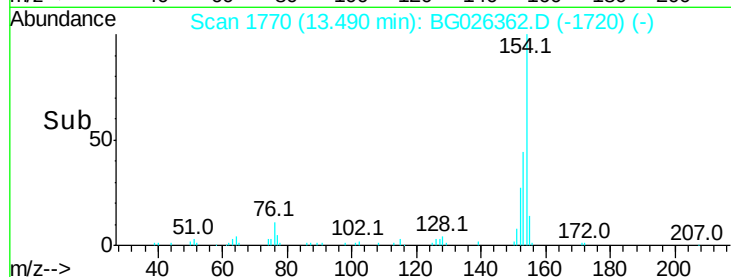
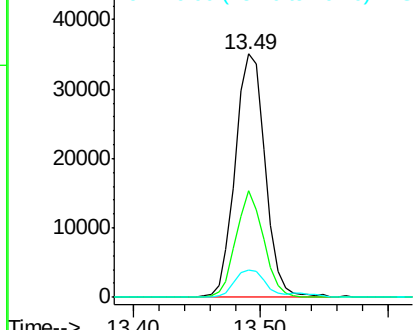
#45
 1,1'-Biphenyl
 Concen: 2.22 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

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

Tot Ion:154 Resp: 57144
 Ion Ratio Lower Upper
 154 100
 153 43.7 23.0 63.0
 76 11.3 0.0 33.5

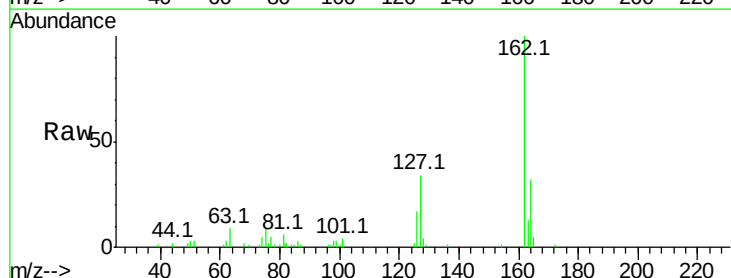


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

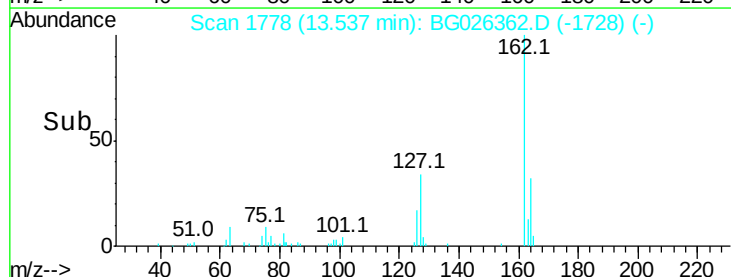
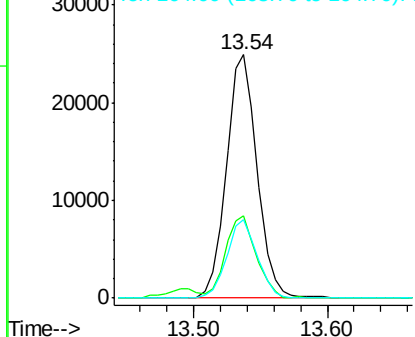


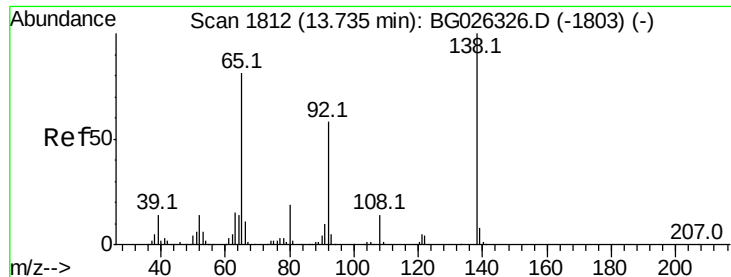
#46
 2-Chloronaphthalene
 Concen: 2.13 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion:162 Resp: 39916
 Ion Ratio Lower Upper
 162 100
 127 33.9 32.2 48.4
 164 32.1 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: 1.51 ng

RT: 13.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

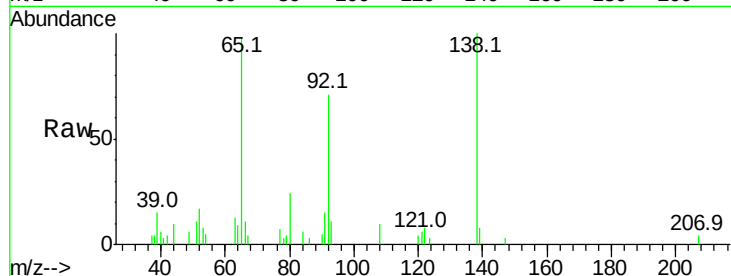
Tot Ion: 65 Resp: 8068

Ion Ratio Lower Upper

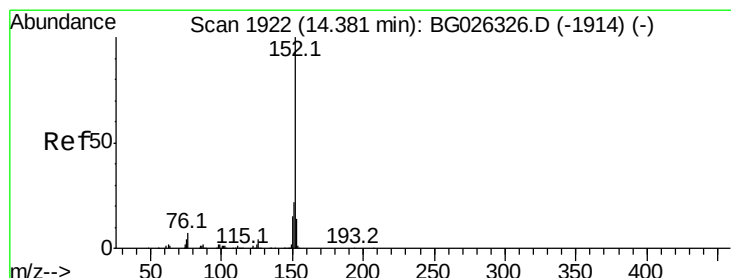
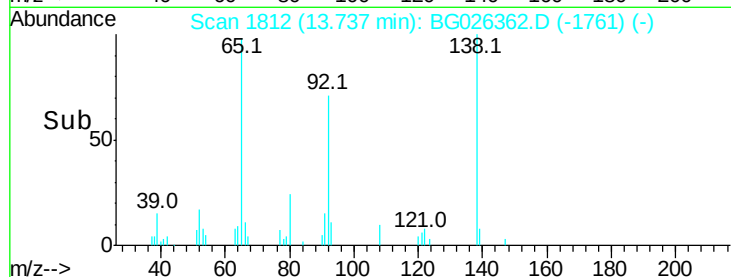
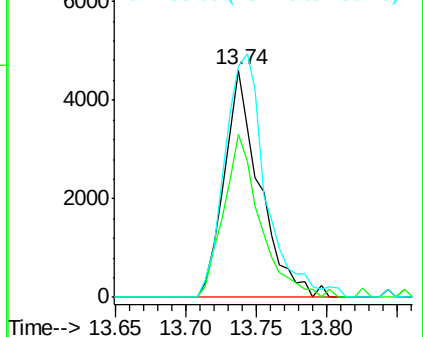
65 100

92 71.8 49.0 73.4

138 101.5 58.6 87.8#



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



#48

Acenaphthylene

Concen: 2.02 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

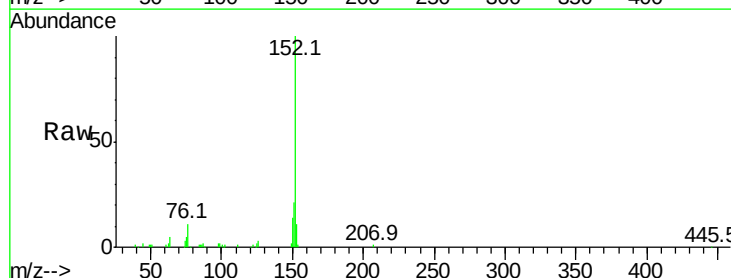
Tgt Ion: 152 Resp: 66210

Ion Ratio Lower Upper

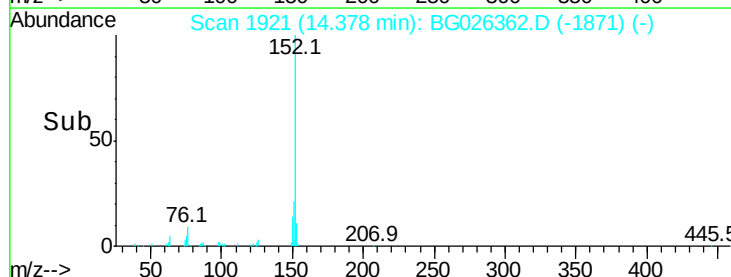
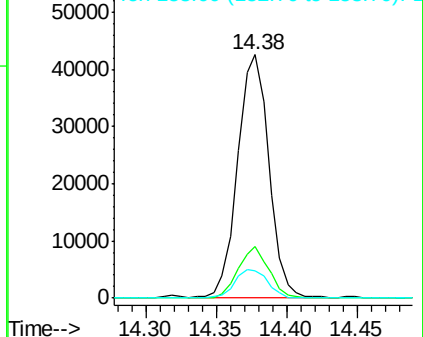
152 100

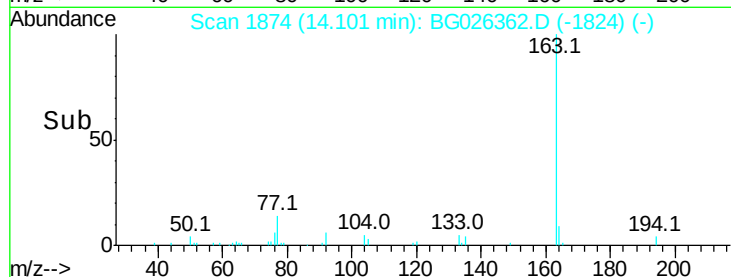
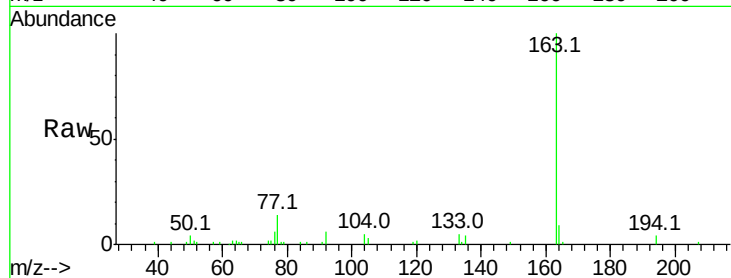
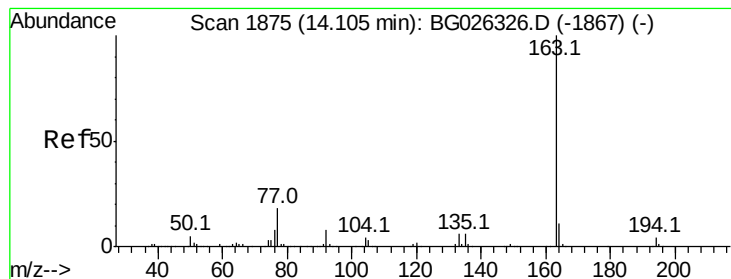
151 21.2 18.2 27.2

153 11.1 11.3 16.9#



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





#49

Dimethylphthalate

Concen: 2.05 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

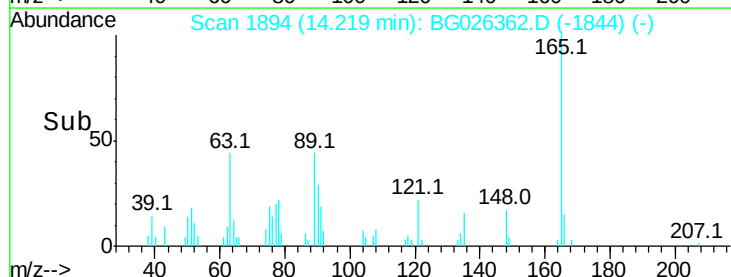
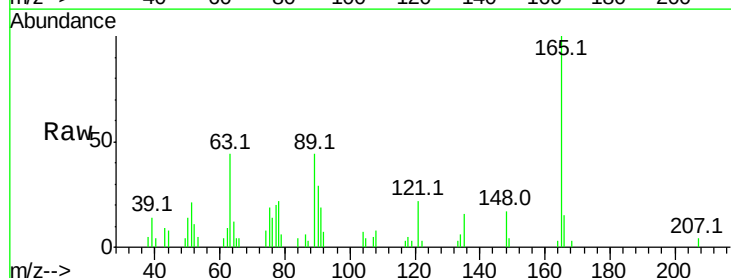
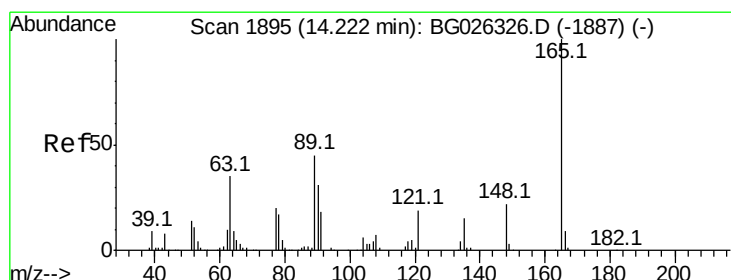
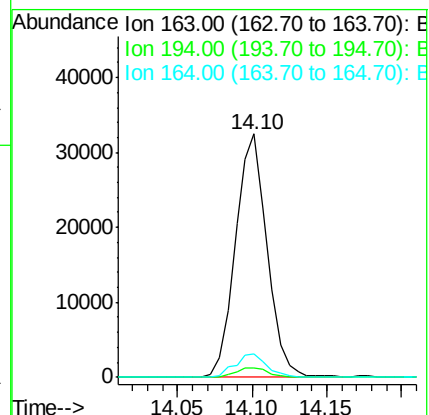
Tot Ion:163 Resp: 47934

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

164 9.4 9.3 13.9



#50

2,6-Dinitrotoluene

Concen: 1.71 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

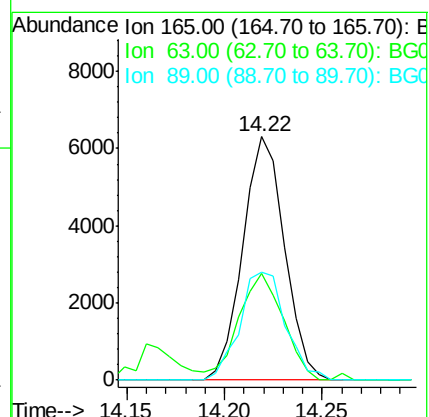
Tgt Ion:165 Resp: 9343

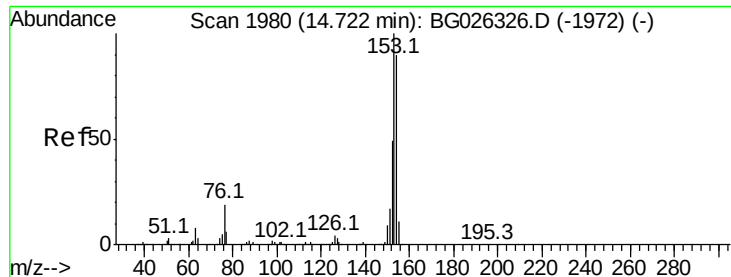
Ion Ratio Lower Upper

165 100

63 44.0 63.9 95.9#

89 44.3 58.6 88.0#





#51

Acenaphthene

Concen: 2.09 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

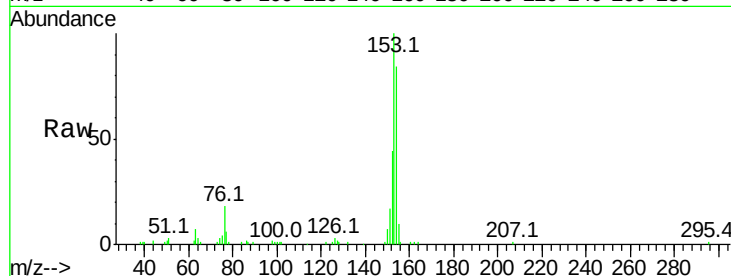
Tot Ion:154 Resp: 42187

Ion Ratio Lower Upper

154 100

153 118.7 87.8 131.6

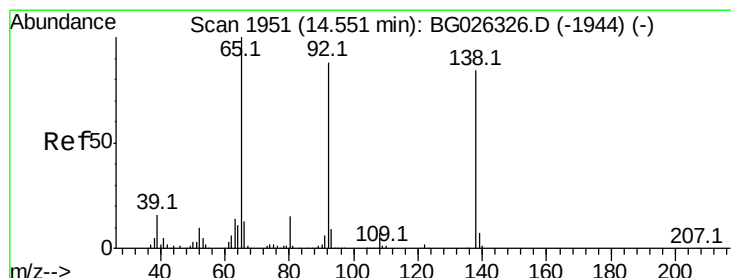
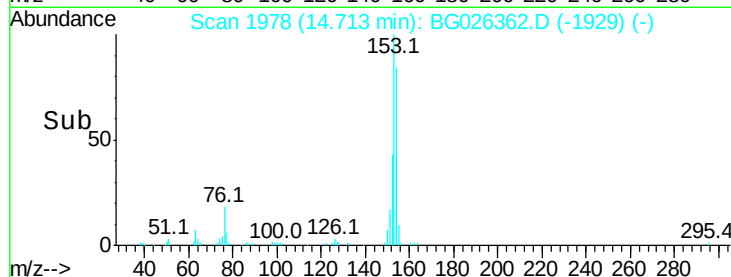
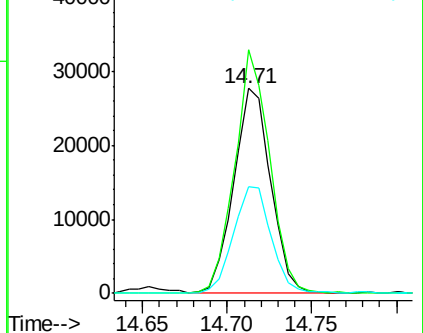
152 52.1 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.54 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

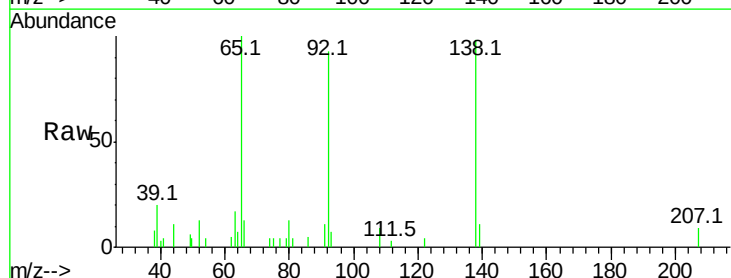
Tgt Ion:138 Resp: 9294

Ion Ratio Lower Upper

138 100

108 9.0 10.9 16.3#

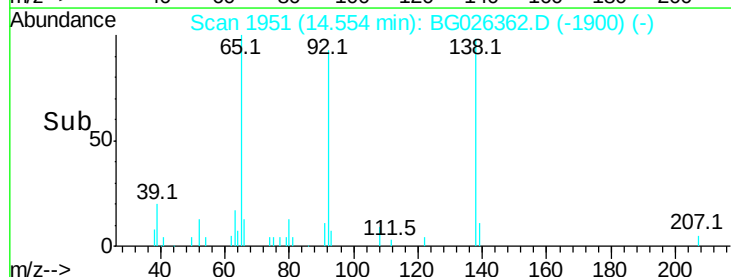
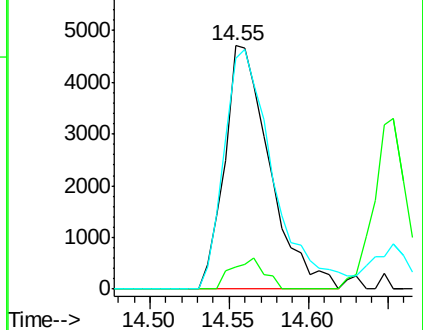
92 94.8 115.3 172.9#

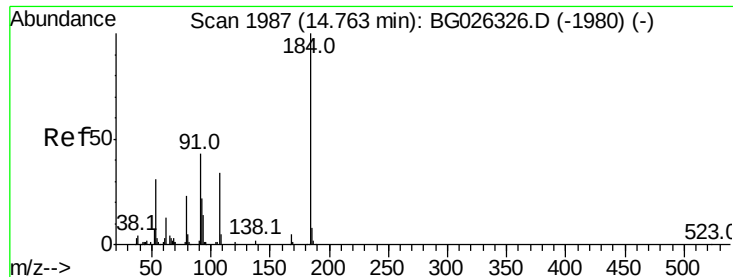


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 0.13 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.04 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

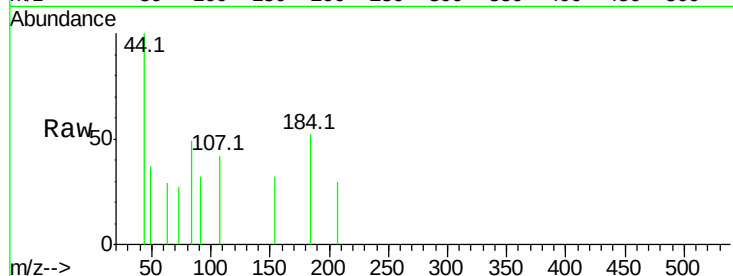
Tot Ion:184 Resp: 399

Ion Ratio Lower Upper

184 100

63 56.3 52.7 79.1

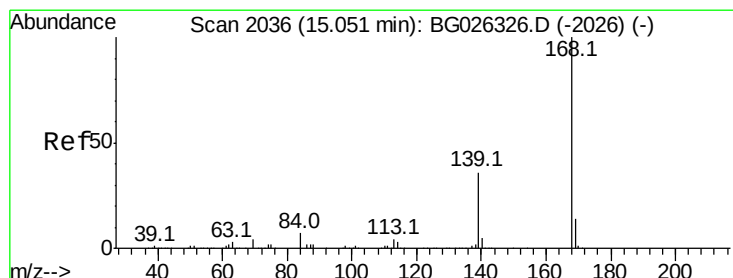
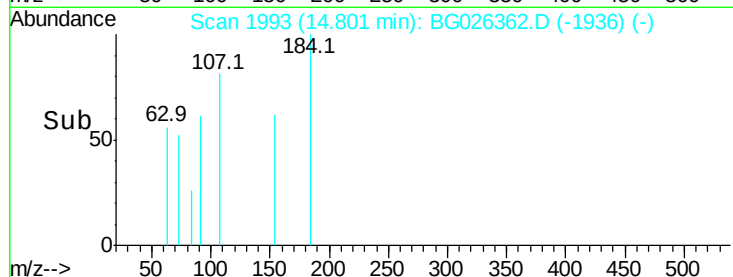
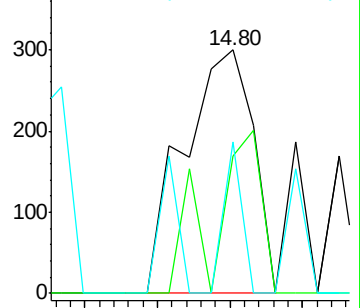
154 62.0 57.3 85.9



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: 2.19 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

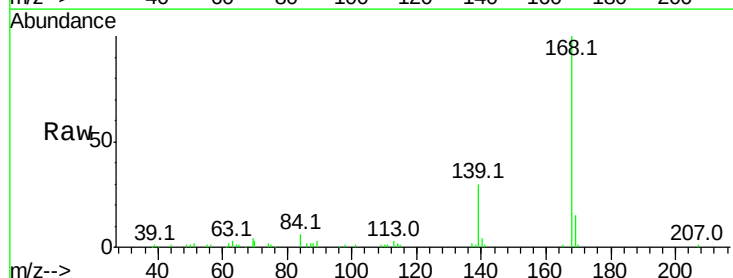
Tgt Ion:168 Resp: 62247

Ion Ratio Lower Upper

168 100

139 30.1 35.3 52.9#

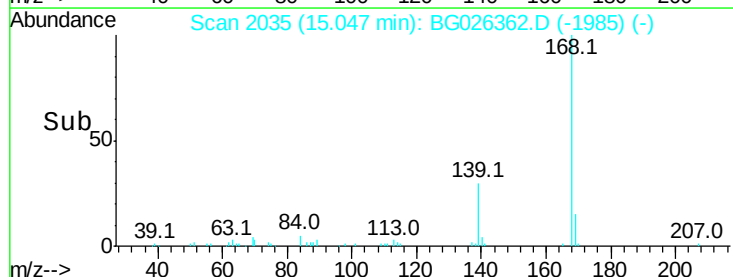
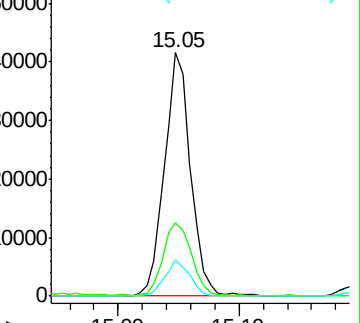
169 14.7 11.5 17.3

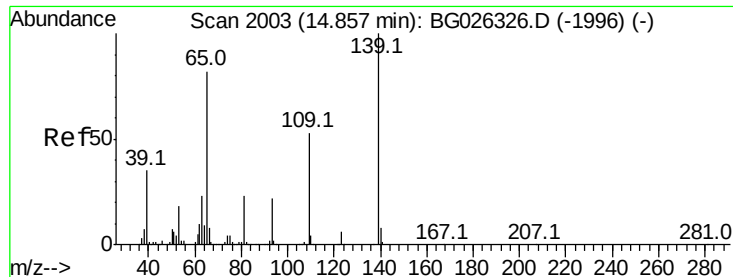


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

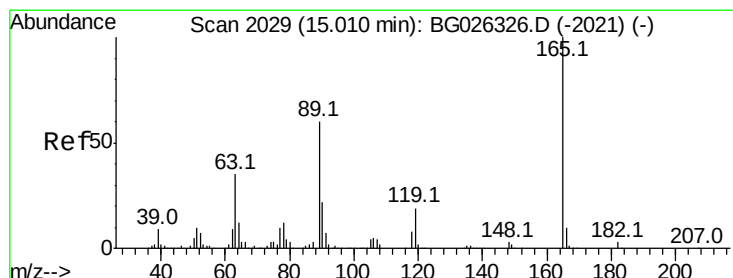
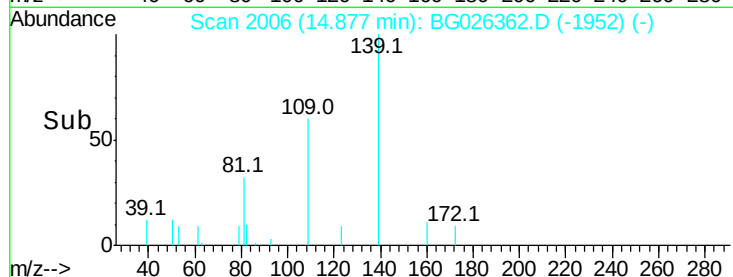
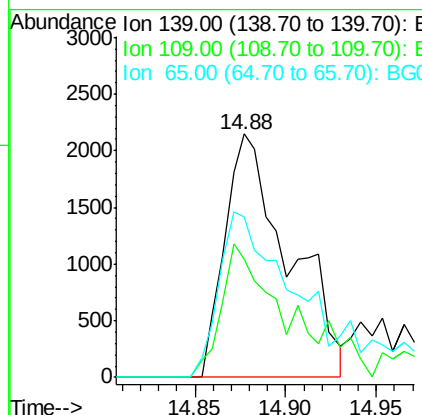
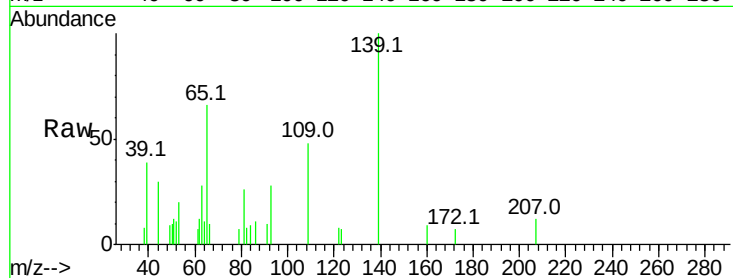




#55
4-Nitrophenol
Concen: 1.07 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

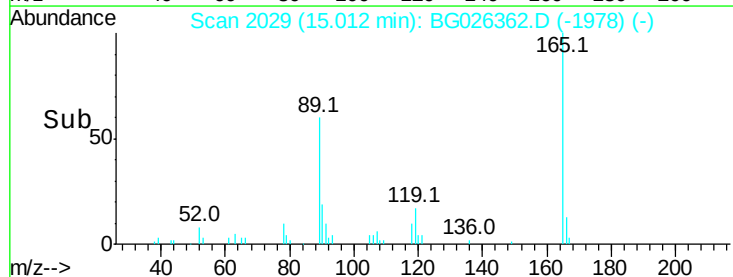
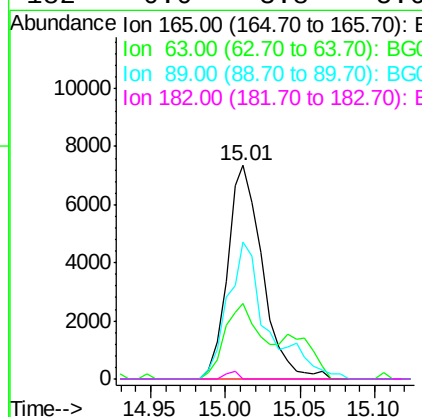
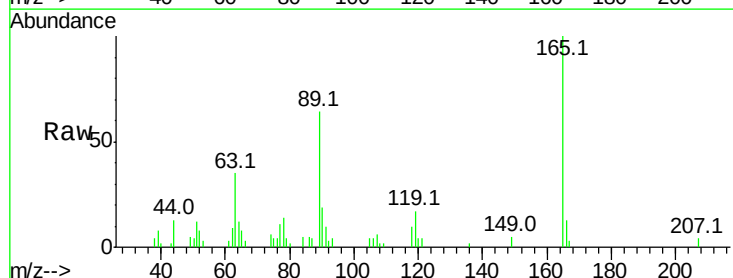
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

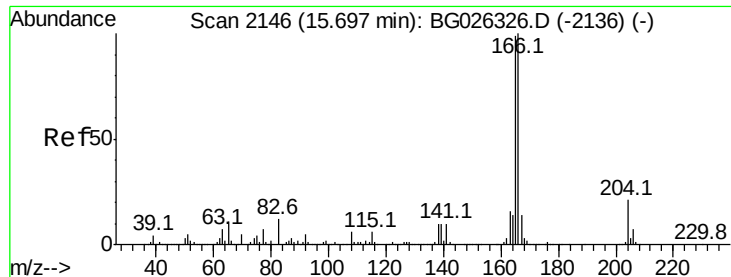
Tot Ion:139 Resp: 5299
Ion Ratio Lower Upper
139 100
109 48.4 101.2 141.2#
65 66.0 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 1.56 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:165 Resp: 11997
Ion Ratio Lower Upper
165 100
63 35.1 44.0 66.0#
89 63.9 67.3 100.9#
182 0.0 3.8 5.6#

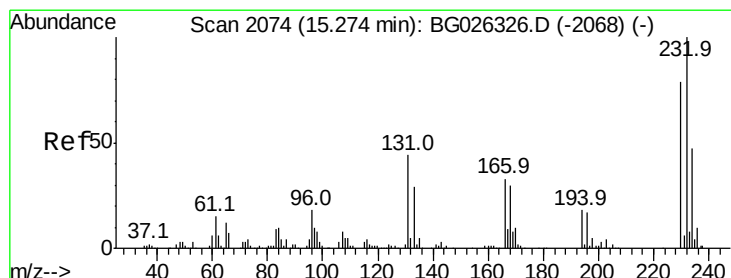
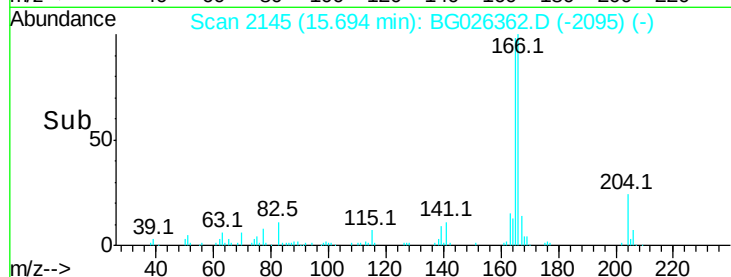
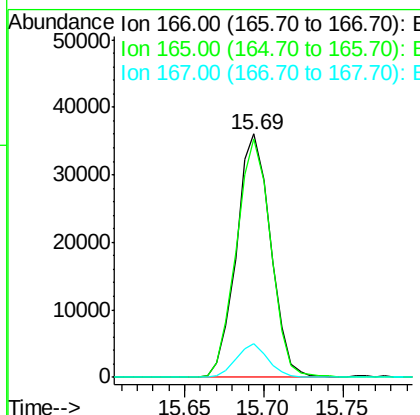
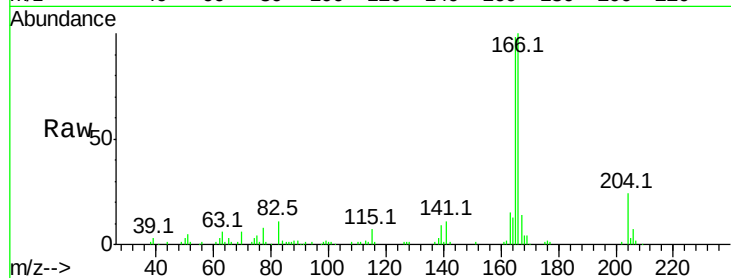




#57
Fluorene
Concen: 2.13 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

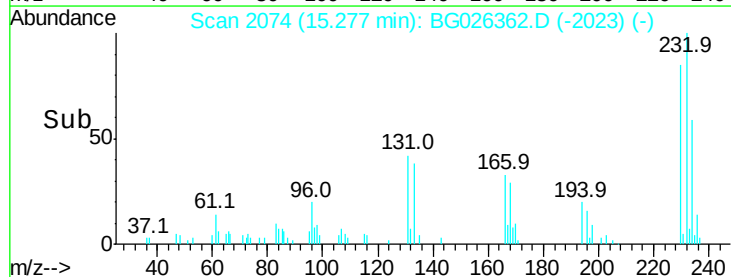
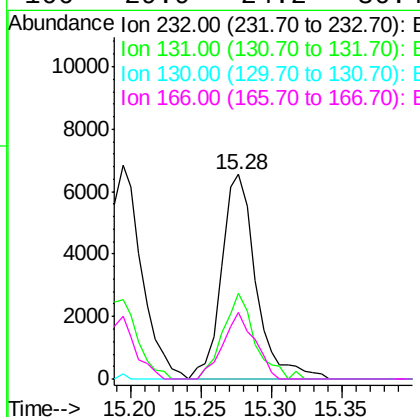
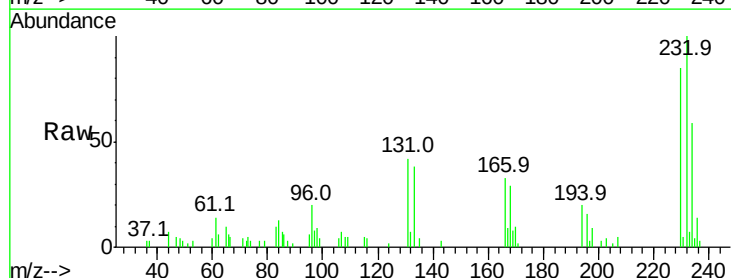
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

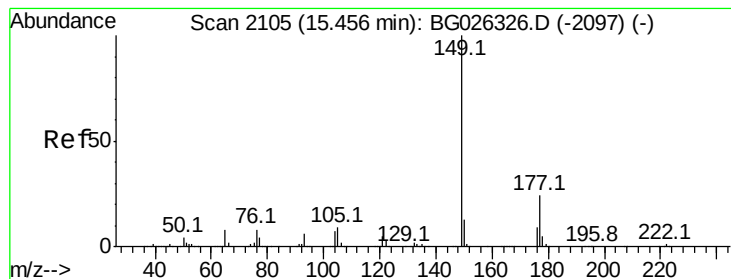
Tot Ion:166 Resp: 53910
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.7 11.6 17.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.88 ng
RT: 15.28 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:232 Resp: 11087
Ion Ratio Lower Upper
232 100
131 39.0 34.9 52.3
130 0.0 2.3 3.5#
166 29.9 24.2 36.4





#59

Diethylphthalate

Concen: 1.95 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

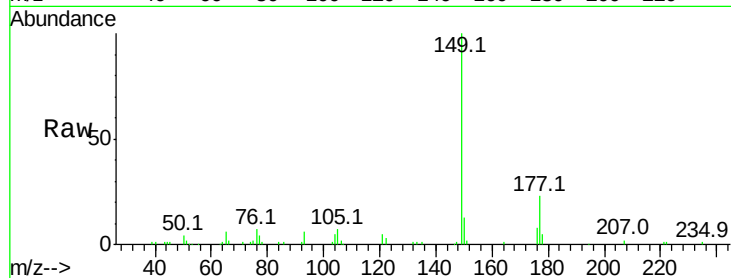
Tot Ion:149 Resp: 46732

Ion Ratio Lower Upper

149 100

177 22.5 20.1 30.1

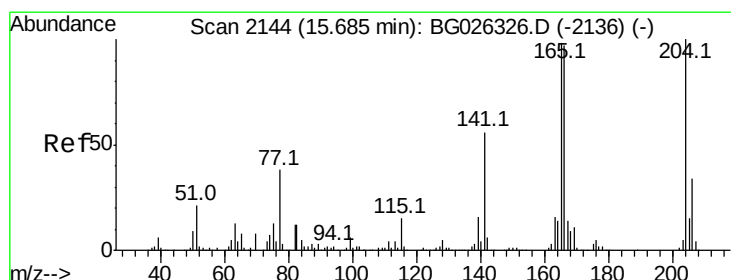
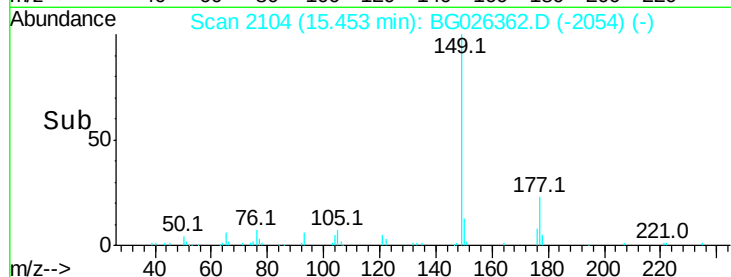
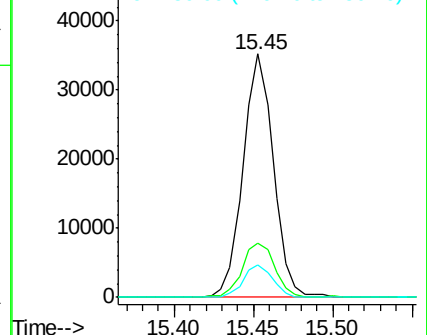
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 2.14 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

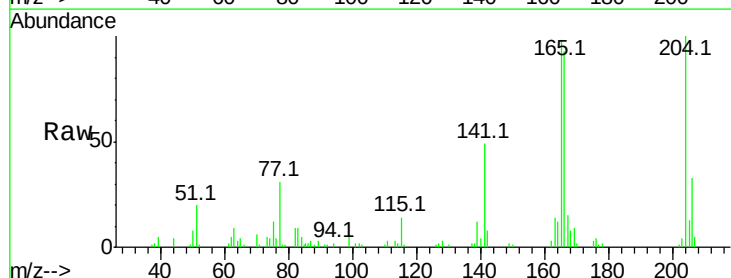
Tgt Ion:204 Resp: 25653

Ion Ratio Lower Upper

204 100

206 33.1 30.1 45.1

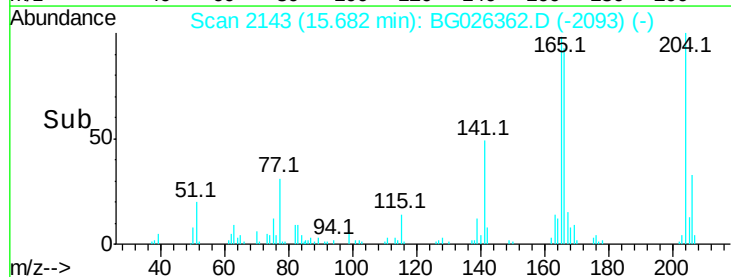
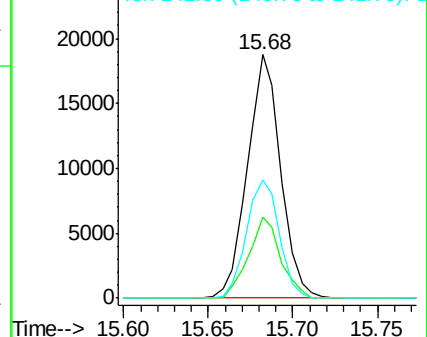
141 48.8 50.6 76.0#

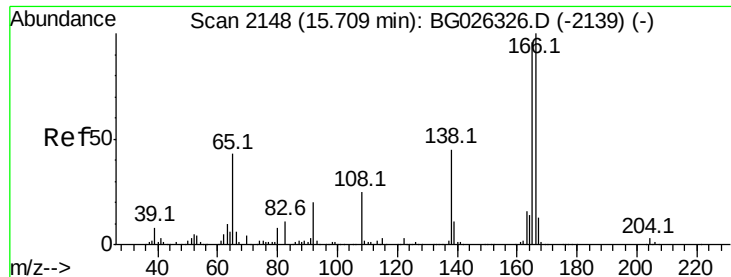


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

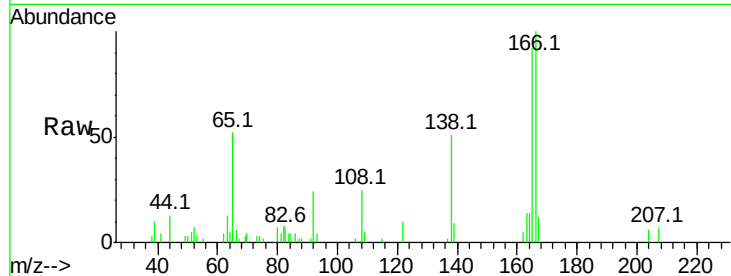




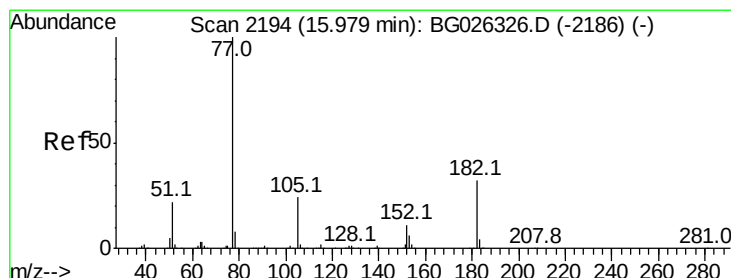
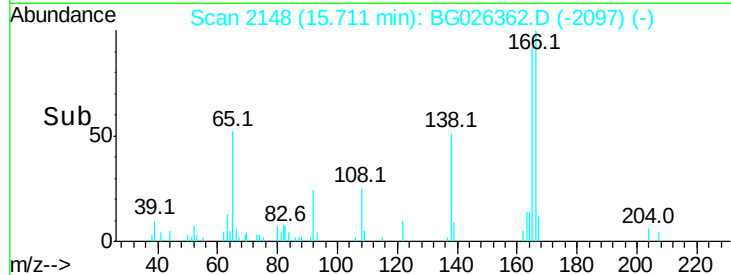
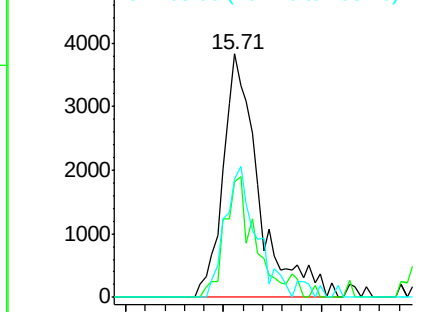
#61
4-Nitroaniline
Concen: 1.54 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

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

Tot Ion:138 Resp: 9777
Ion Ratio Lower Upper
138 100
92 47.5 44.2 84.2
108 48.6 104.8 144.8#

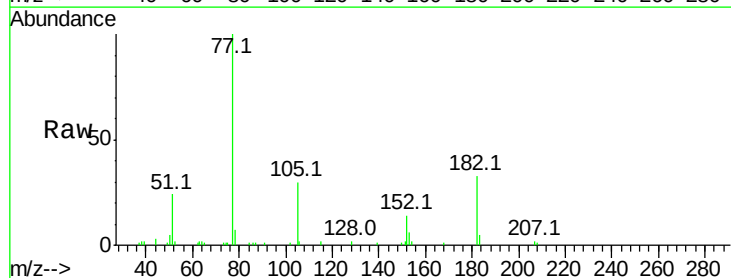


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

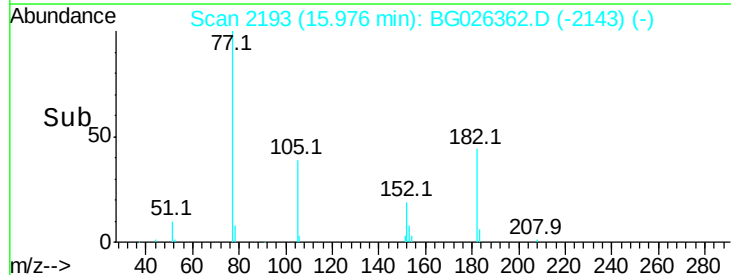
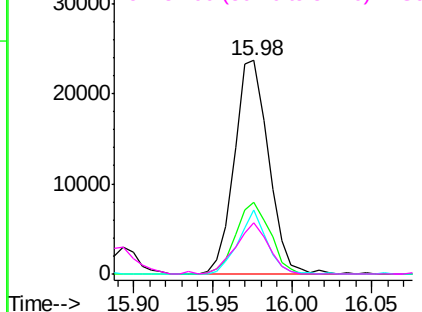


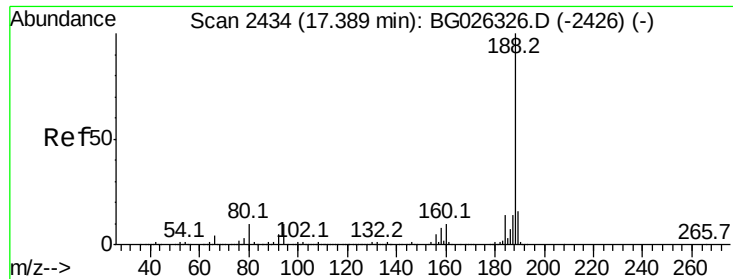
#62
Azobenzene
Concen: 1.82 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion: 77 Resp: 35379
Ion Ratio Lower Upper
77 100
182 33.5 4.7 44.7
105 29.8 0.0 36.3
51 23.7 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

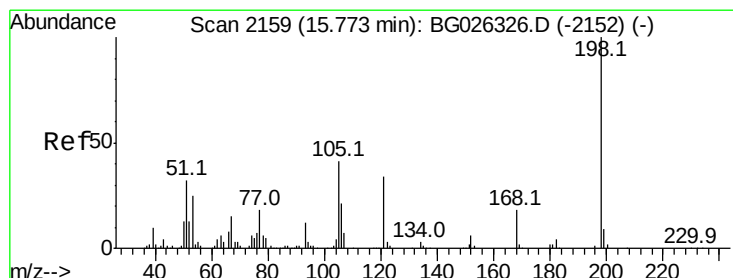
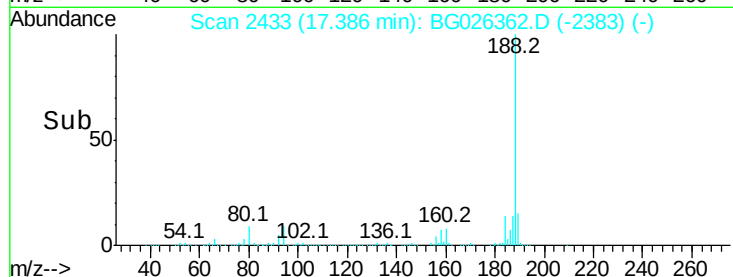
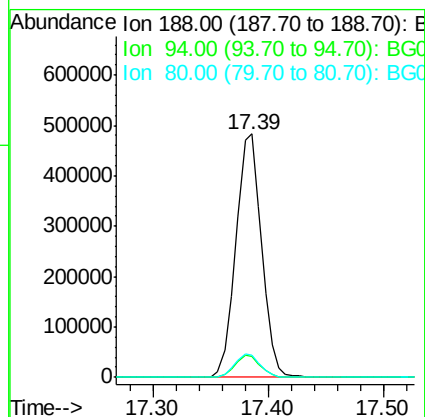
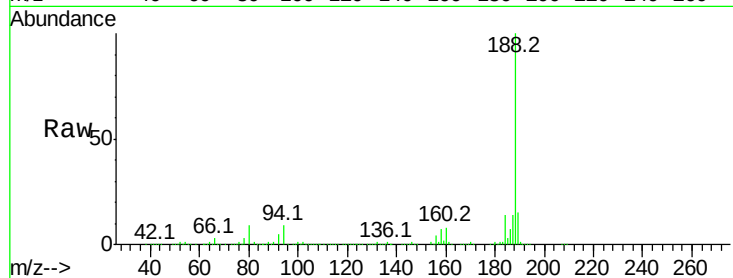




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

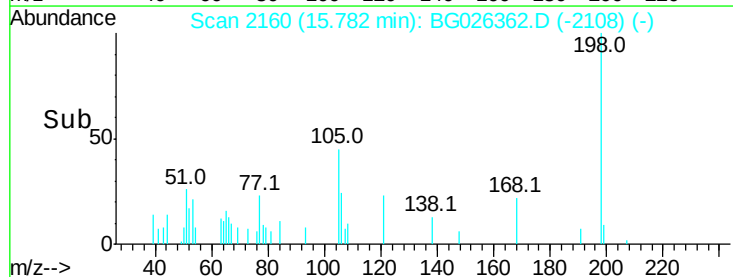
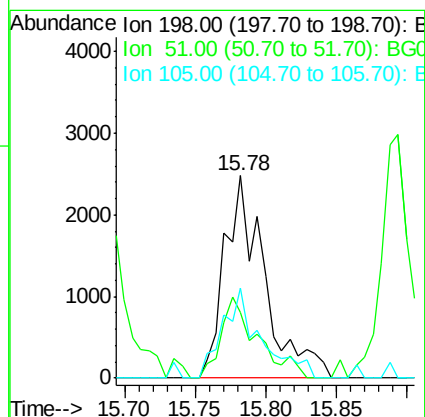
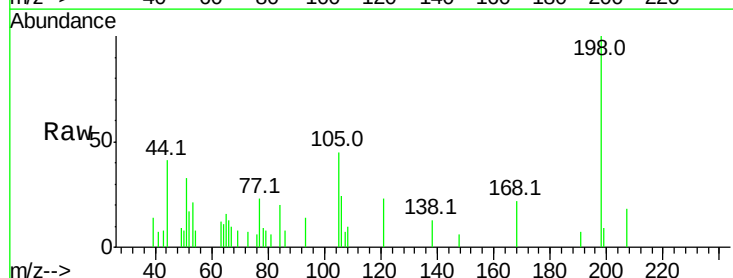
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

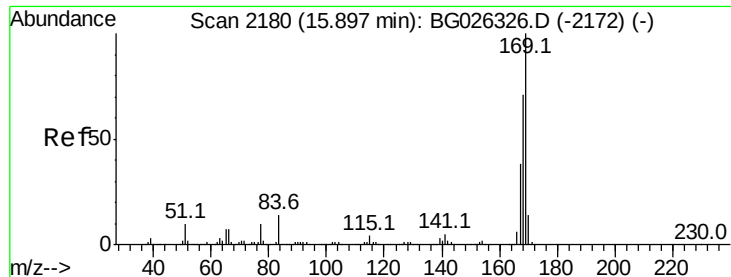
Tot Ion:188 Resp: 741919
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.2 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 1.04 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:198 Resp: 4861
Ion Ratio Lower Upper
198 100
51 32.7 22.6 62.6
105 44.8 14.4 54.4

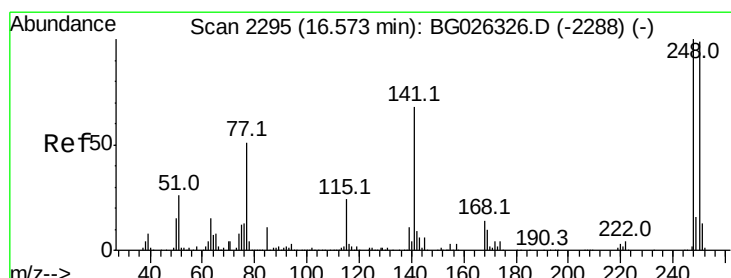
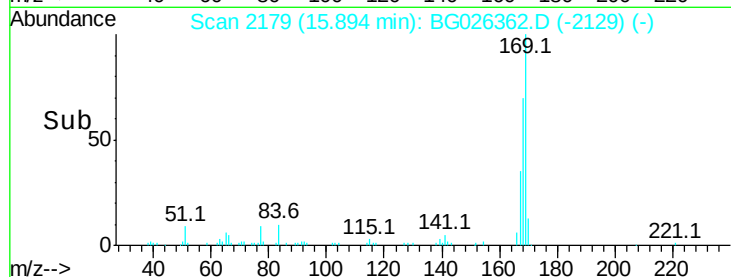
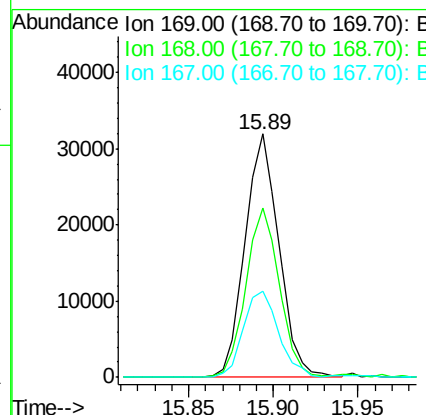
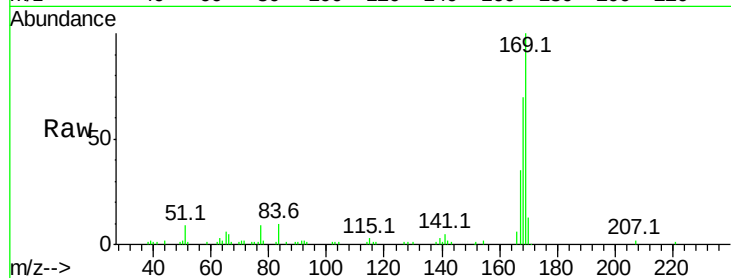




#65
n-Nitrosodiphenylamine
Concen: 2.05 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

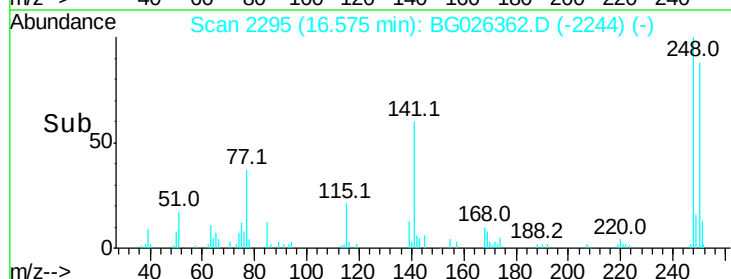
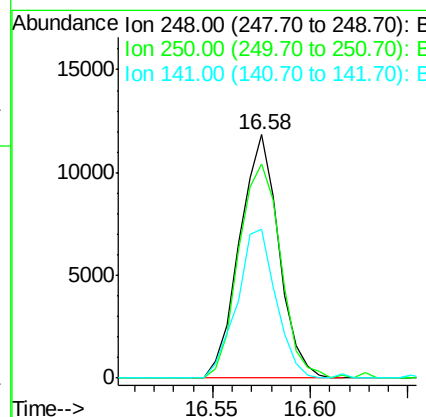
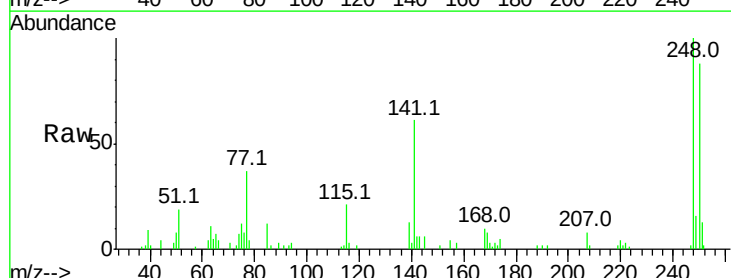
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

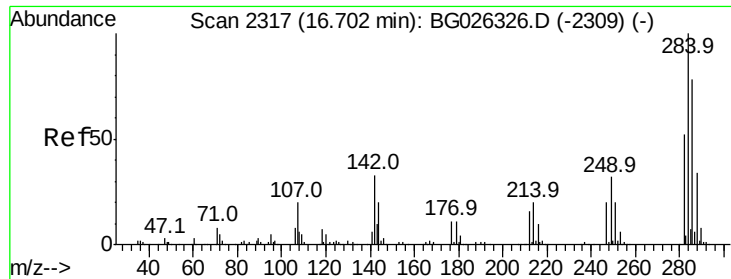
Tot Ion:169 Resp: 44709
Ion Ratio Lower Upper
169 100
168 69.7 55.7 83.5
167 35.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 2.16 ng
RT: 16.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:248 Resp: 16458
Ion Ratio Lower Upper
248 100
250 87.8 75.0 112.6
141 61.1 55.2 82.8

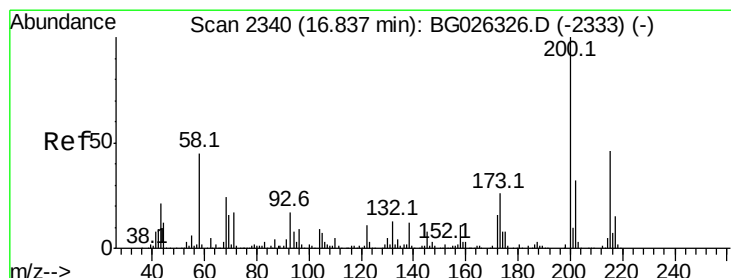
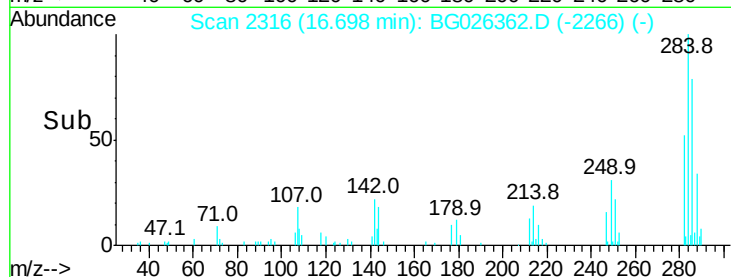
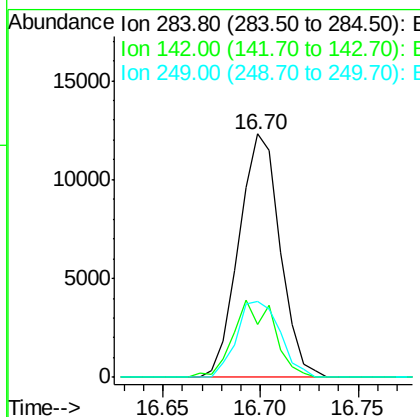
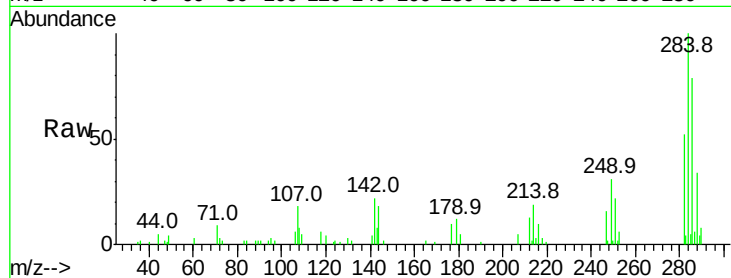




#67
Hexachlorobenzene
Concen: 2.21 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

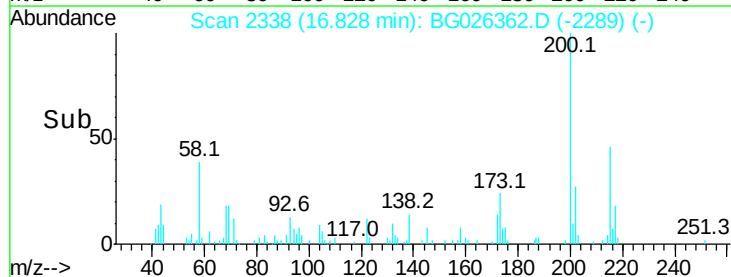
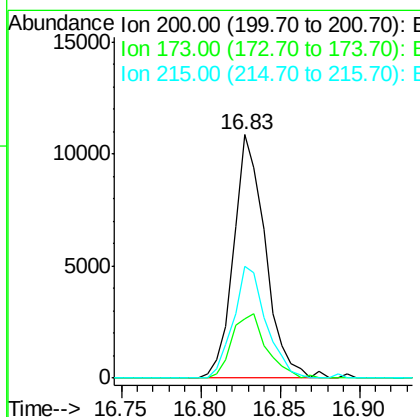
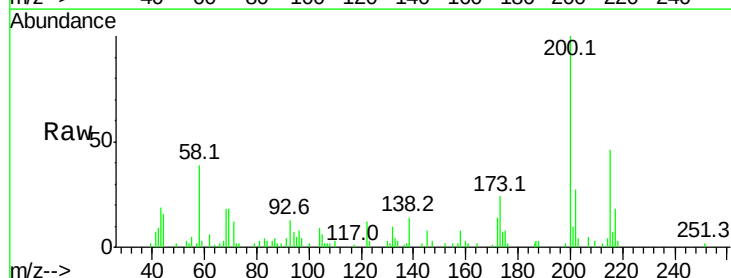
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

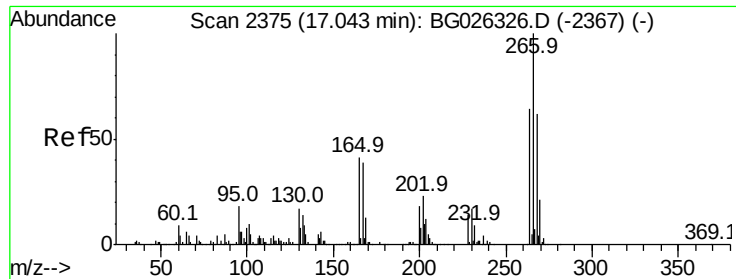
Tot Ion:284 Resp: 17992
Ion Ratio Lower Upper
284 100
142 21.8 29.9 44.9#
249 30.9 29.2 43.8



#68
Atrazine
Concen: 1.82 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:200 Resp: 15021
Ion Ratio Lower Upper
200 100
173 24.2 3.0 43.0
215 45.8 28.4 68.4





#69

Pentachlorophenol

Concen: 1.44 ng

RT: 17.05 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

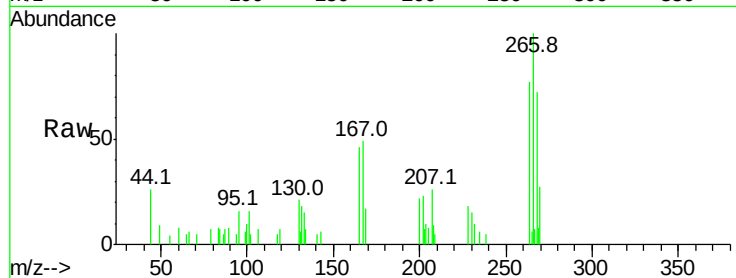
Tot Ion:266 Resp: 7641

Ion Ratio Lower Upper

266 100

268 71.5 48.6 72.8

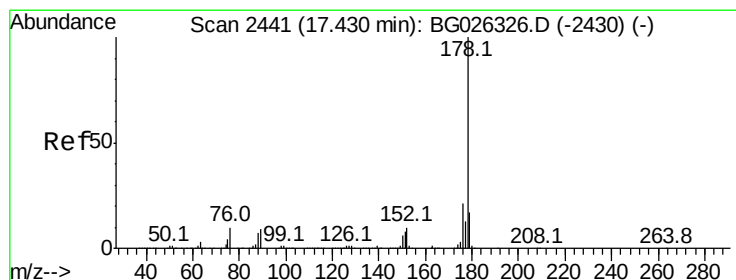
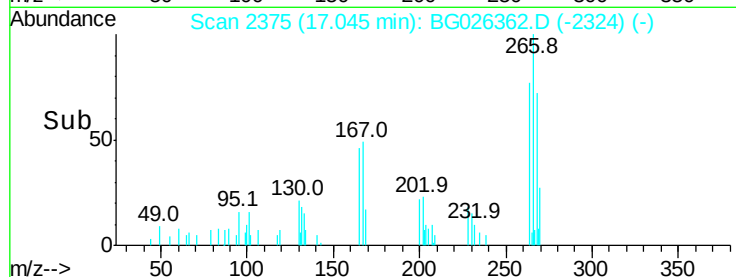
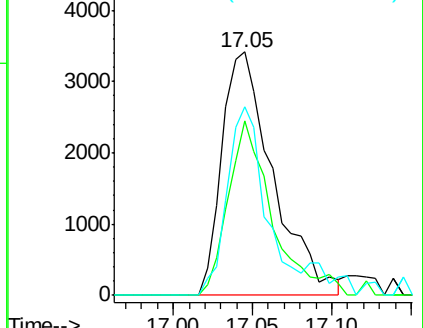
264 77.3 50.1 75.1#



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: 2.11 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.09 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

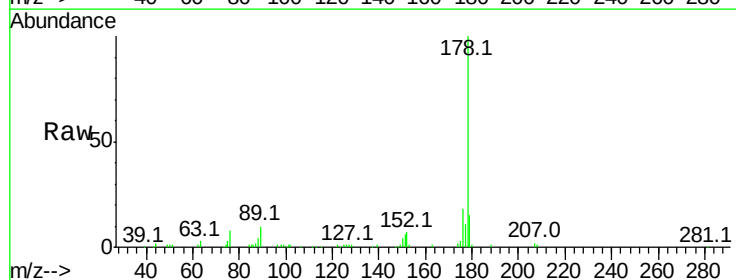
Tgt Ion:178 Resp: 84235

Ion Ratio Lower Upper

178 100

176 18.5 17.7 26.5

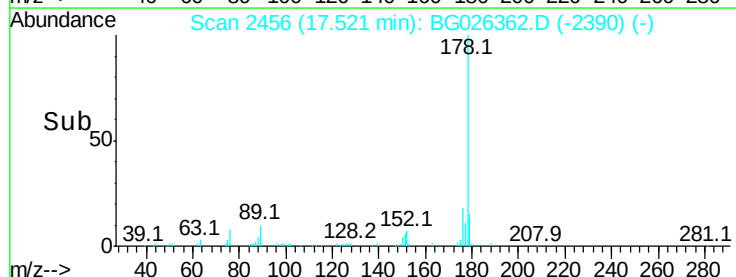
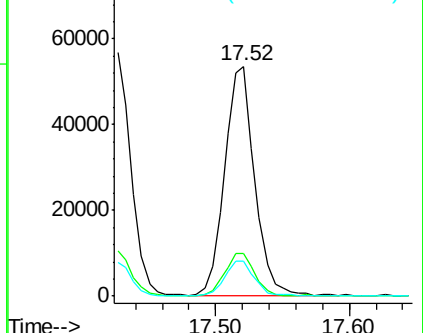
179 15.4 15.0 22.6

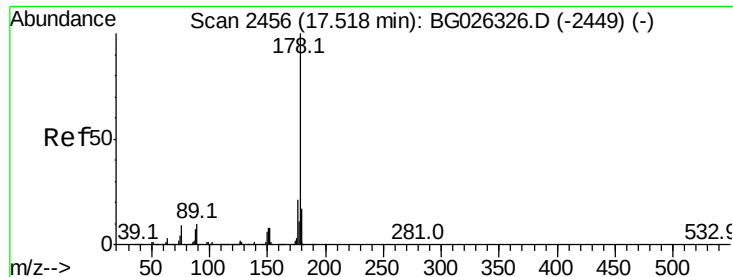


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.07 ng

RT: 17.52 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

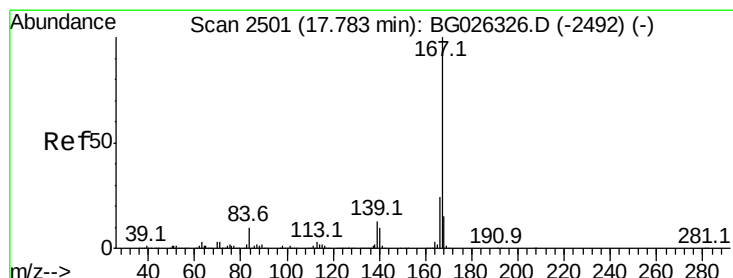
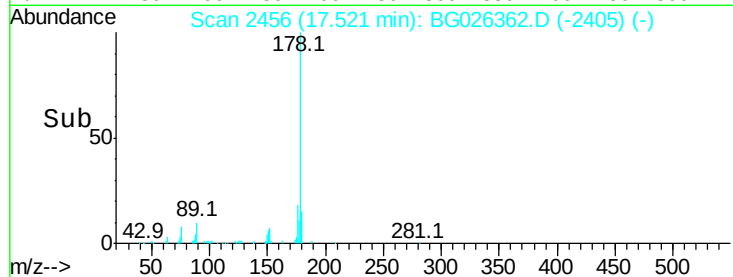
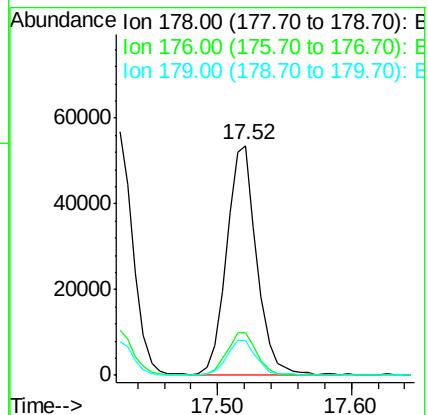
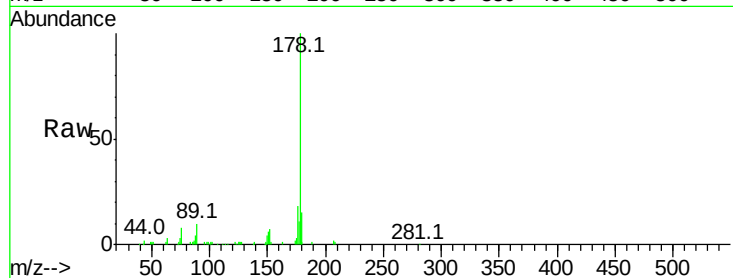
Tot Ion:178 Resp: 84235

Ion Ratio Lower Upper

178 100

176 18.5 16.4 24.6

179 15.4 13.8 20.8



#72

Carbazole

Concen: 2.05 ng

RT: 17.79 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

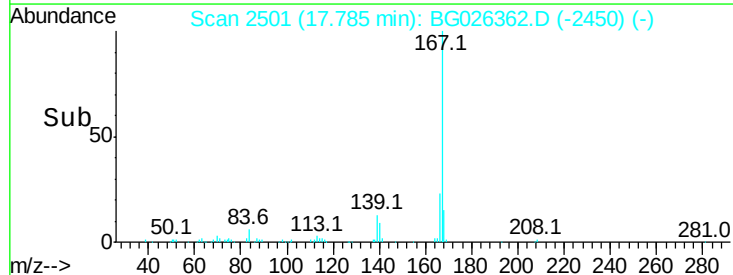
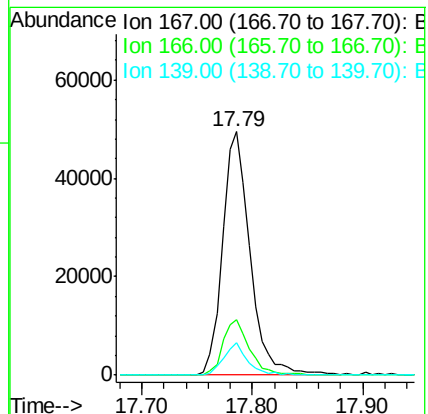
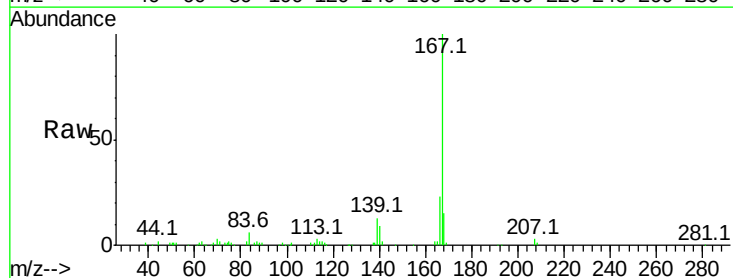
Tgt Ion:167 Resp: 85871

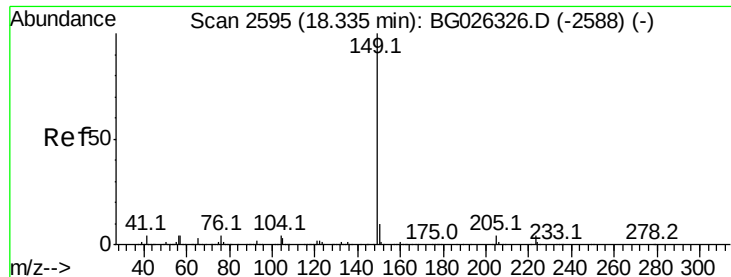
Ion Ratio Lower Upper

167 100

166 22.6 20.2 30.2

139 13.2 12.8 19.2

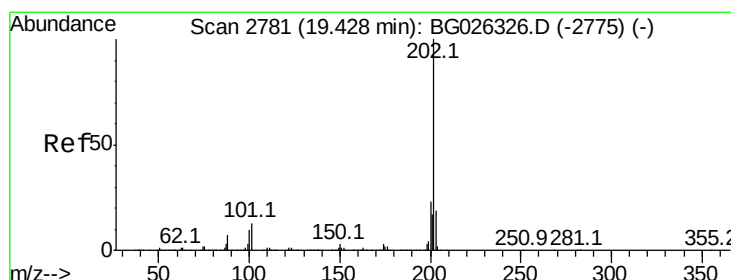
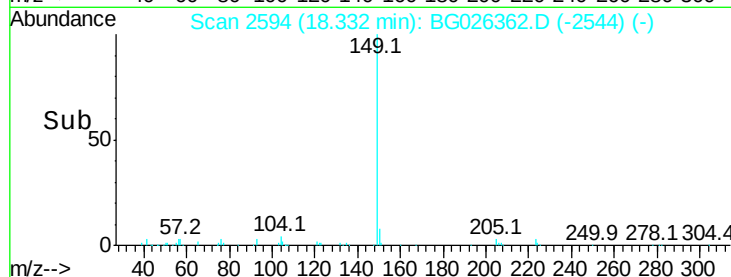
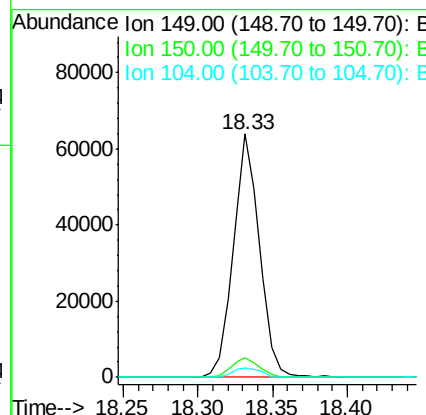
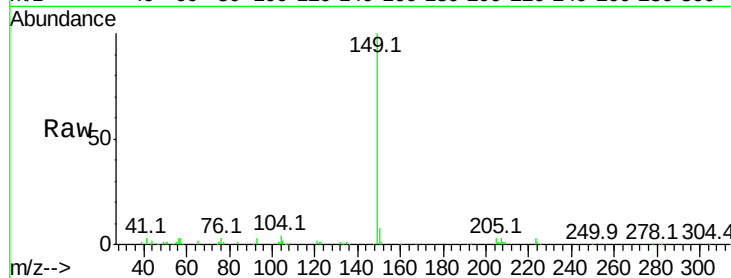




#73
Di-n-butylphthalate
Concen: 1.83 ng
RT: 18.33 min Scan# 2594
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

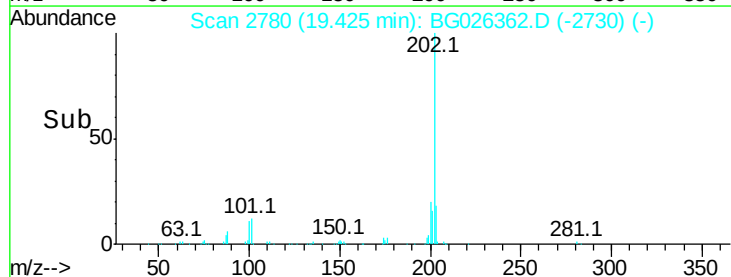
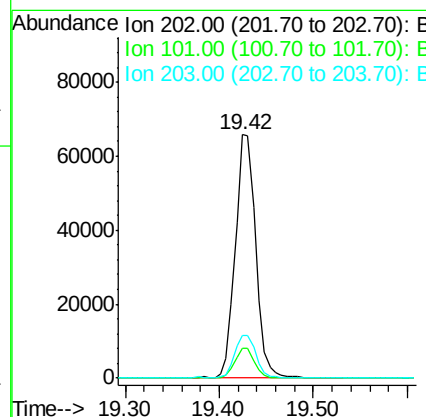
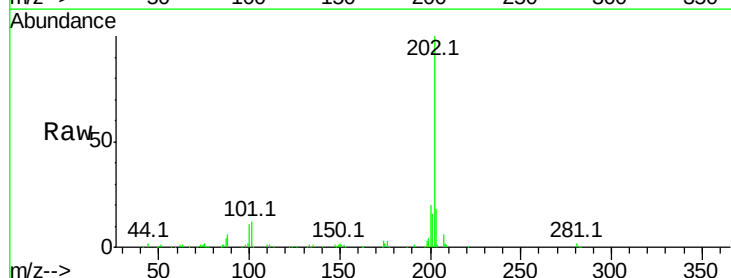
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

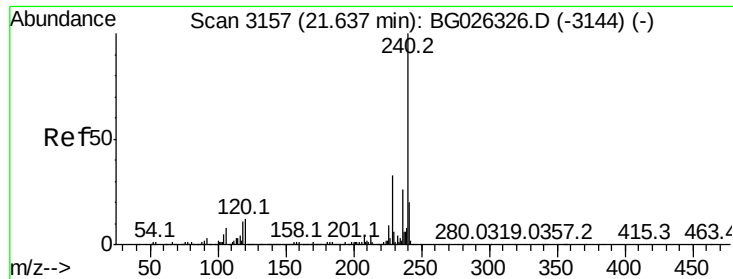
Tot Ion:149 Resp: 78717
Ion Ratio Lower Upper
149 100
150 8.3 9.1 13.7#
104 3.7 6.7 10.1#



#74
Fluoranthene
Concen: 2.13 ng
RT: 19.42 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:202 Resp: 99643
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.1
203 17.5 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

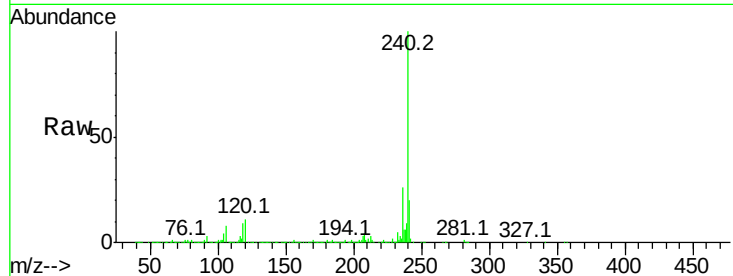
Tot Ion:240 Resp: 903890

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

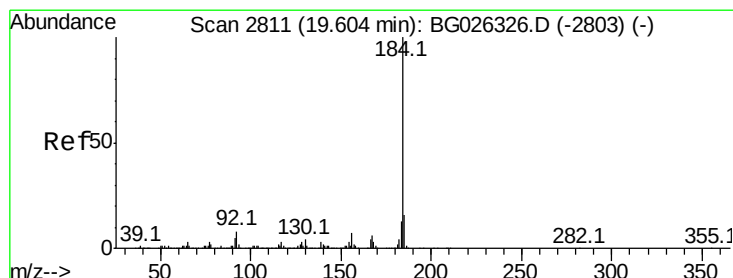
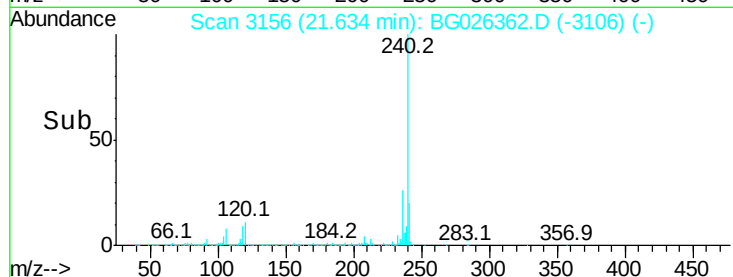
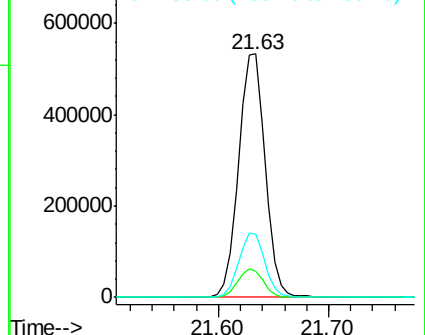
236 25.8 22.2 33.4



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: 1.44 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

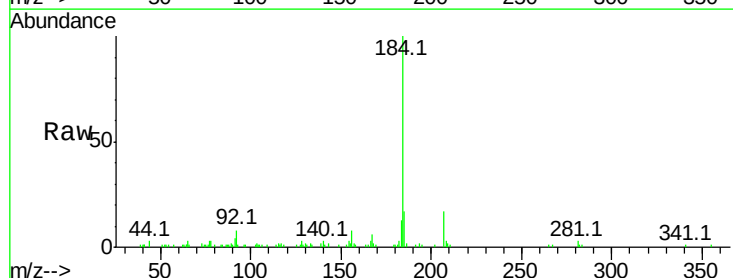
Tgt Ion:184 Resp: 44845

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.6

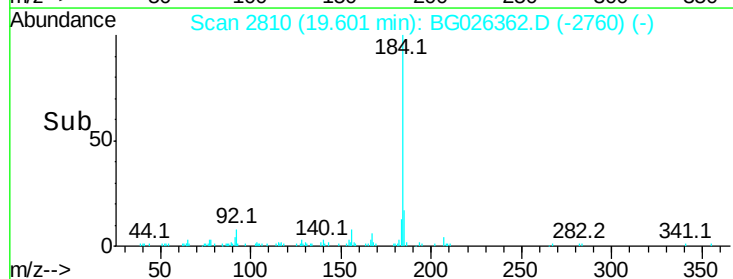
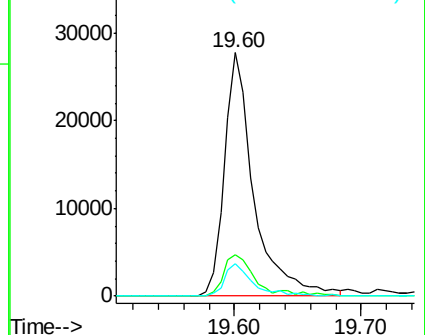
183 13.3 11.0 16.6

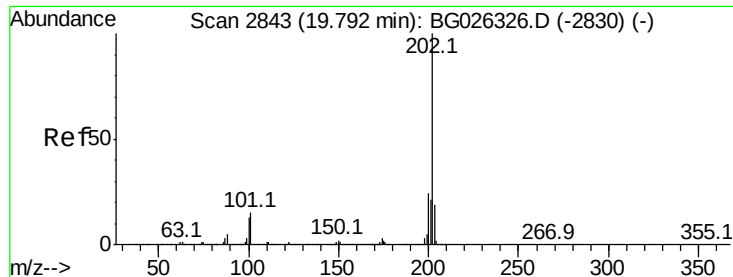


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

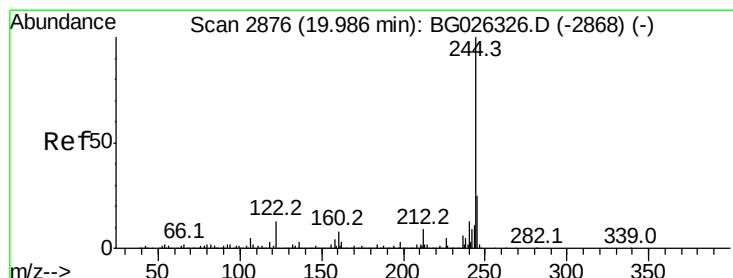
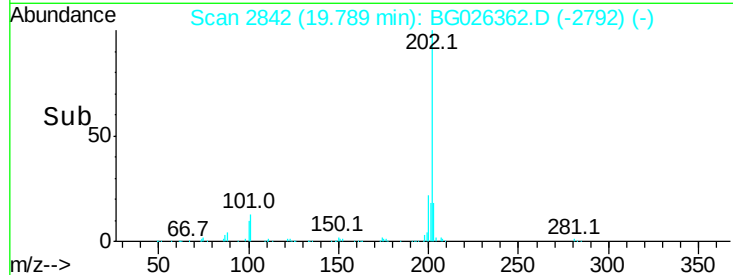
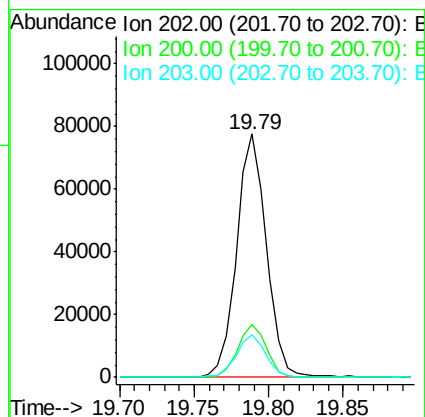
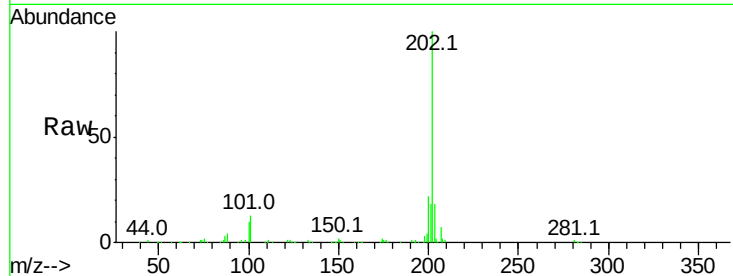




#77
Pvrene
Concen: 2.06 ng
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

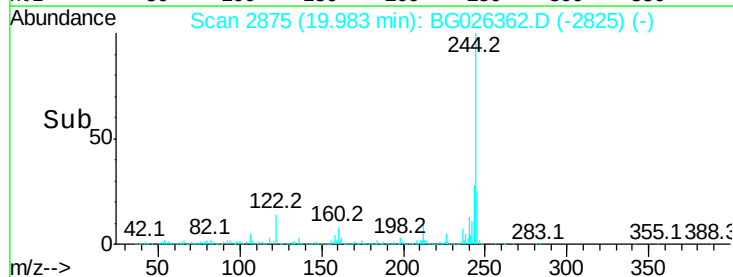
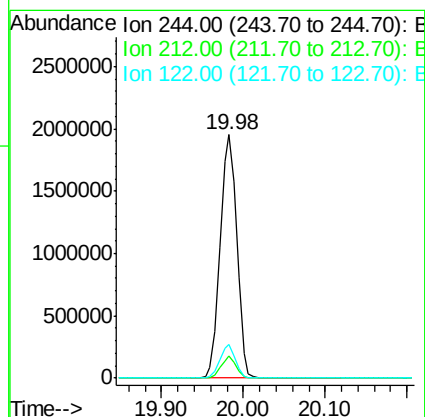
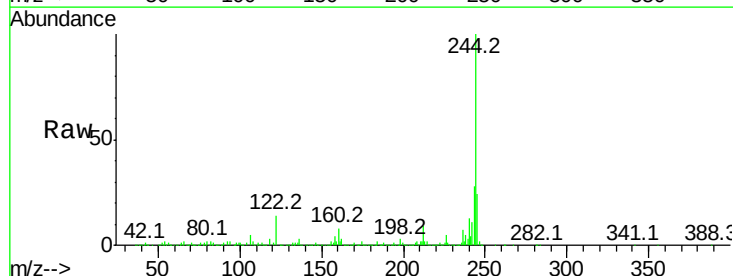
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

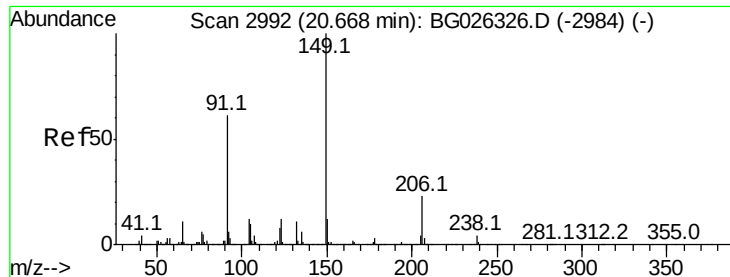
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.6	29.4
203	17.7	15.8	23.8



#78
Terphenyl-d14
Concen: 74.83 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	10.0	15.0#
122	13.7	8.6	12.8#

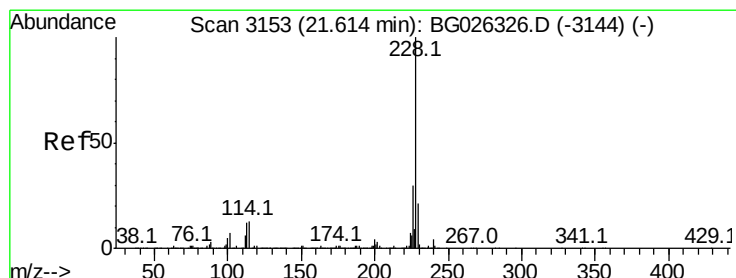
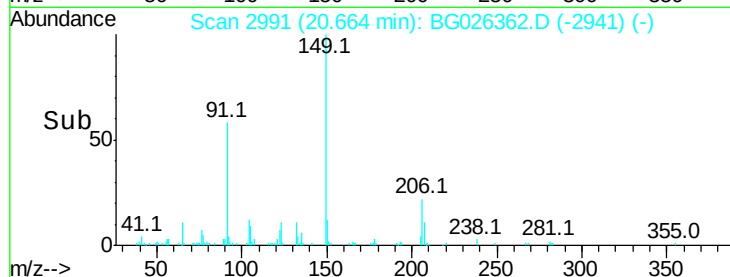
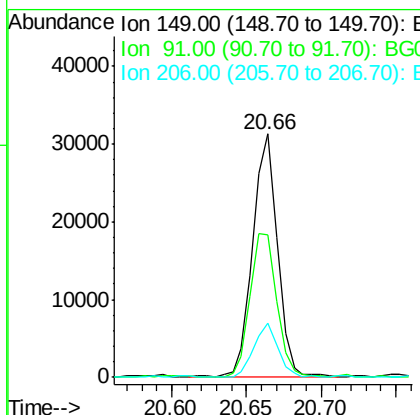
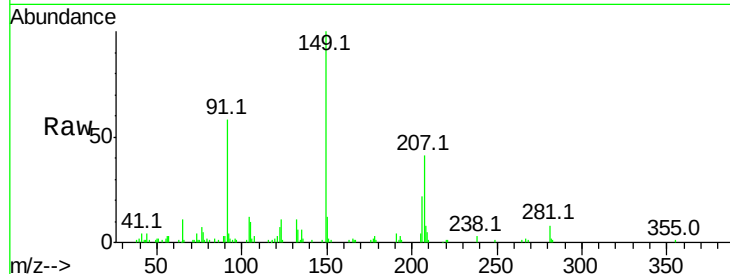




#79
Butylbenzylphthalate
Concen: 1.72 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

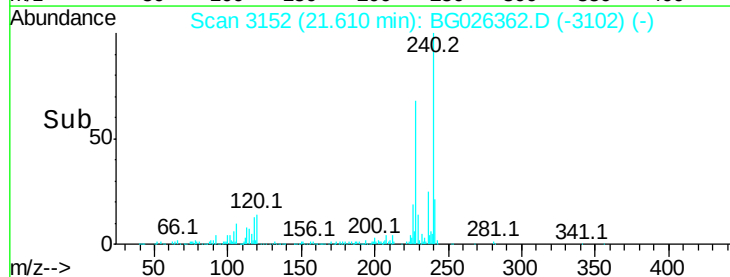
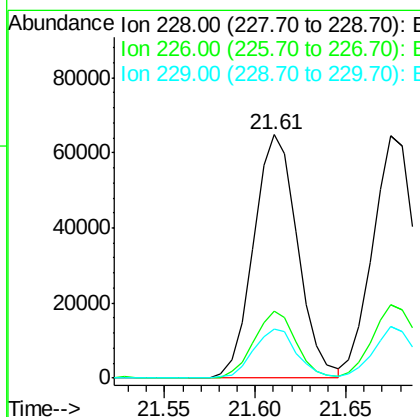
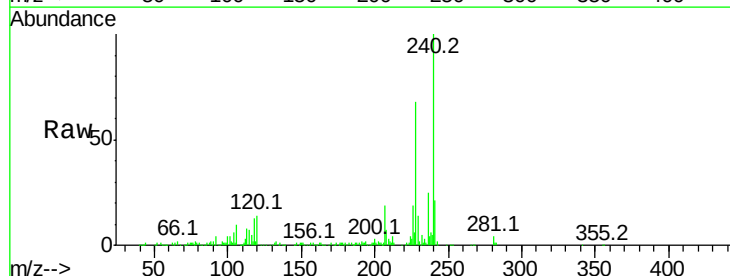
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

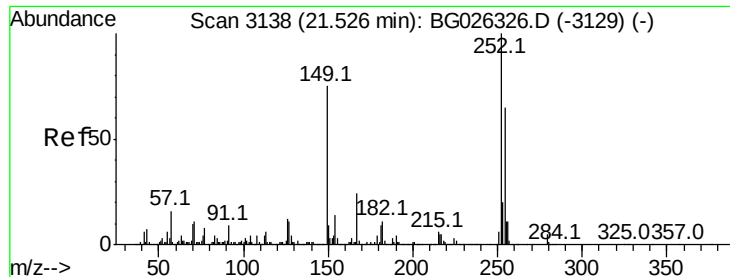
Tot Ion:149 Resp: 36037
Ion Ratio Lower Upper
149 100
91 58.4 63.5 95.3#
206 22.3 21.0 31.6



#80
Benzo(a)anthracene
Concen: 2.14 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:228 Resp: 109107
Ion Ratio Lower Upper
228 100
226 27.4 24.9 37.3
229 19.9 18.2 27.2





#81

3,3'-Dichlorobenzidine

Concen: 1.79 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

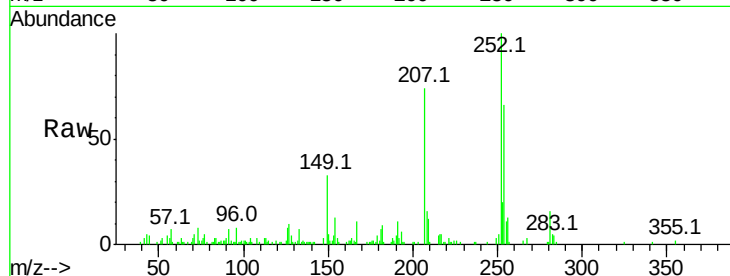
Tot Ion:252 Resp: 37274

Ion Ratio Lower Upper

252 100

254 65.9 53.1 79.7

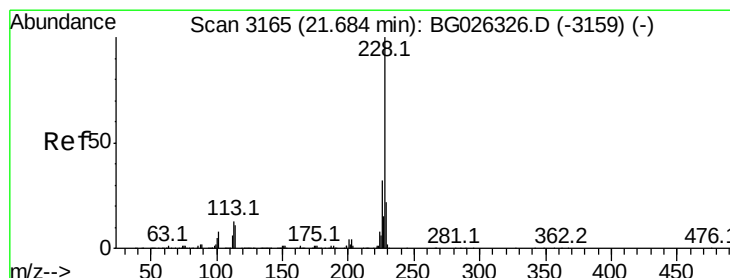
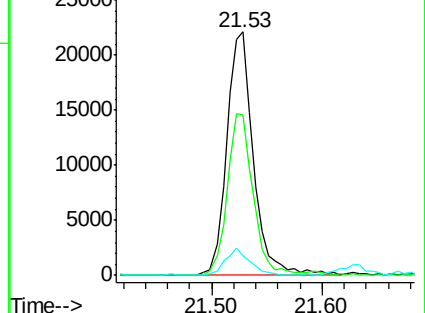
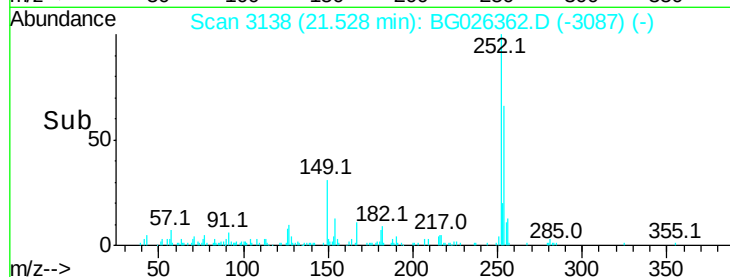
126 8.2 7.0 10.4



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: 2.20 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

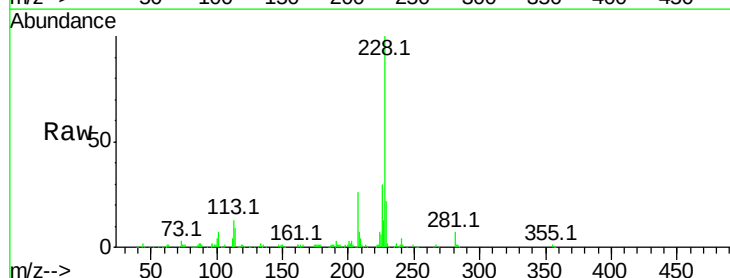
Tgt Ion:228 Resp: 106815

Ion Ratio Lower Upper

228 100

226 30.2 27.0 40.4

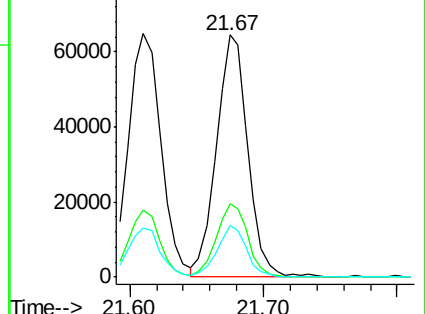
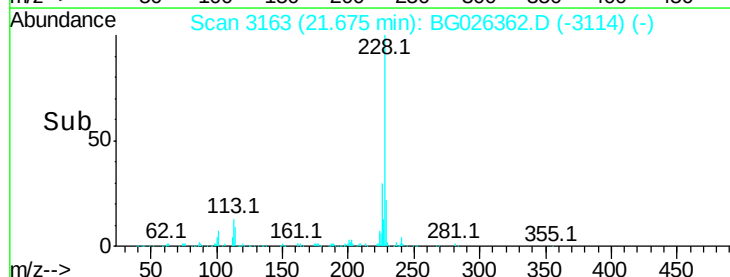
229 21.6 17.8 26.6

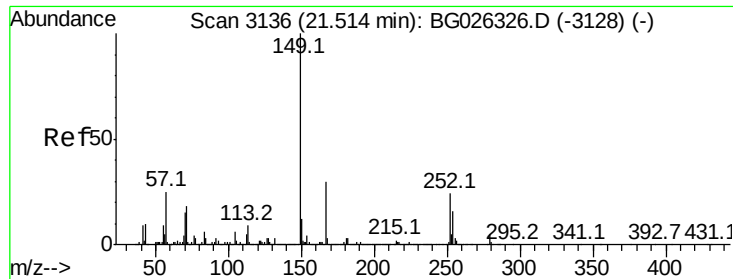


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

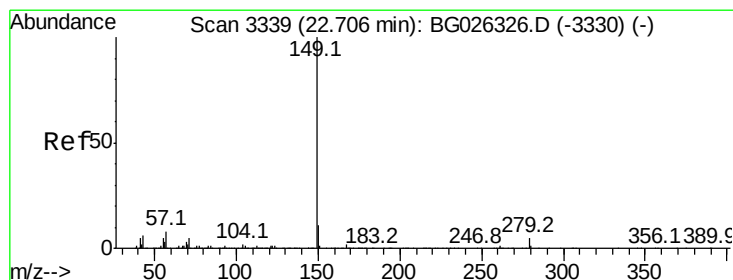
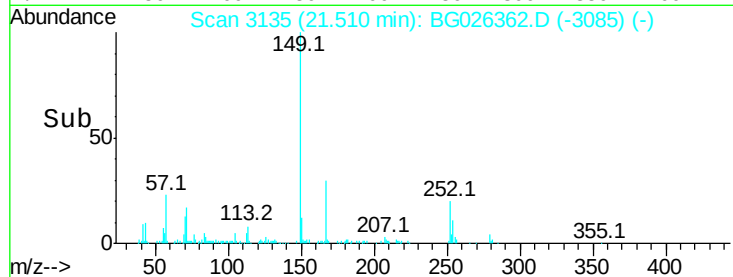
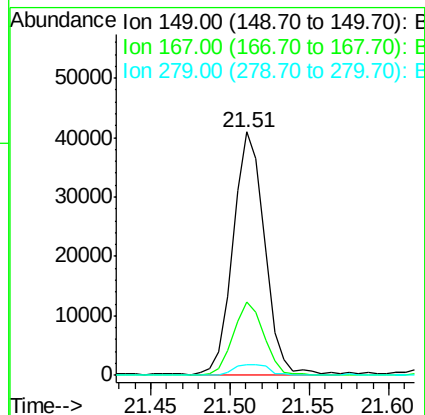
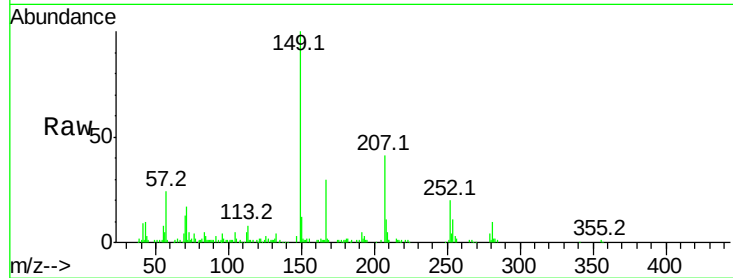




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.79 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

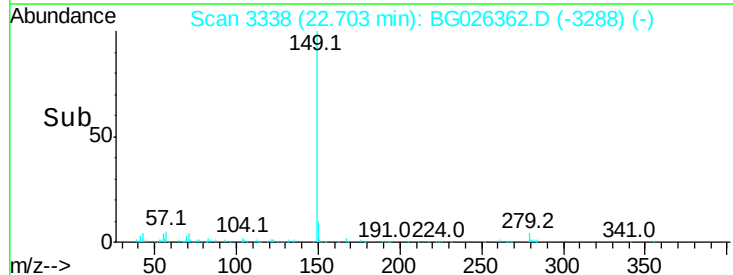
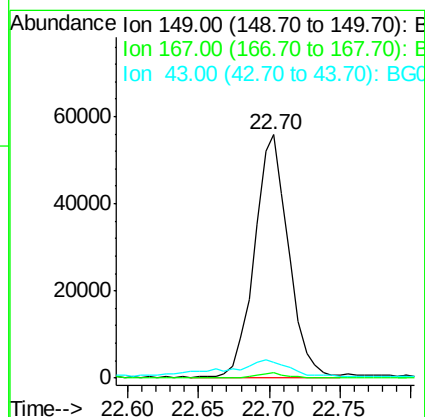
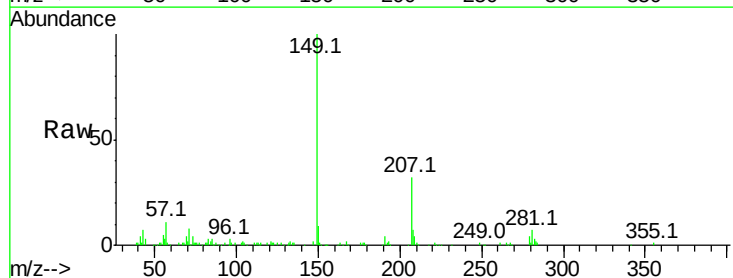
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT2-2017

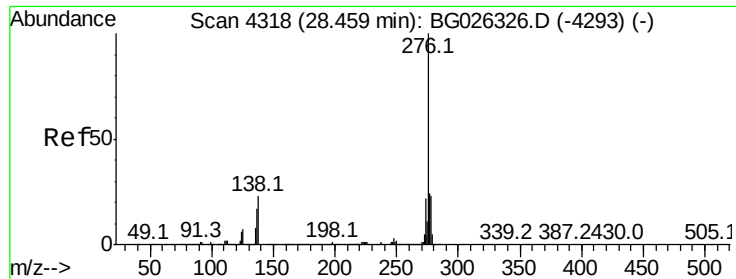
Tot Ion:149 Resp: 56773
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 4.1 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 1.73 ng
 RT: 22.70 min Scan# 3338
 Delta R.T. -0.00 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

Tgt Ion:149 Resp: 93505
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.2
 43 10.7 11.8 17.6#

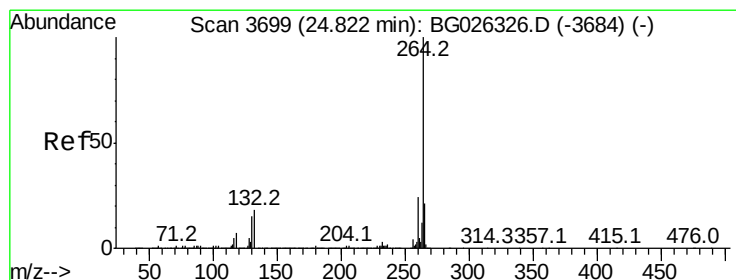
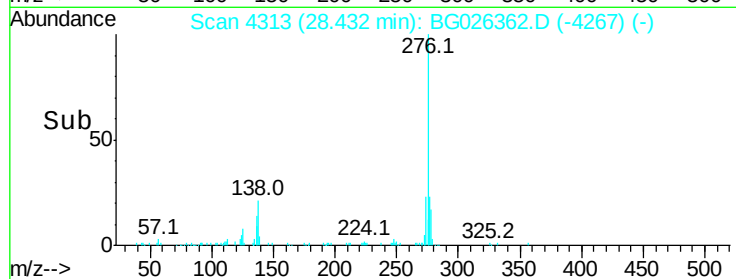
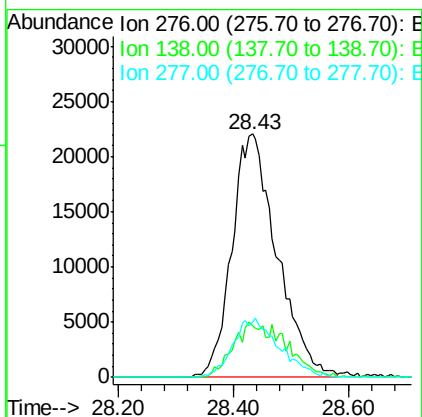
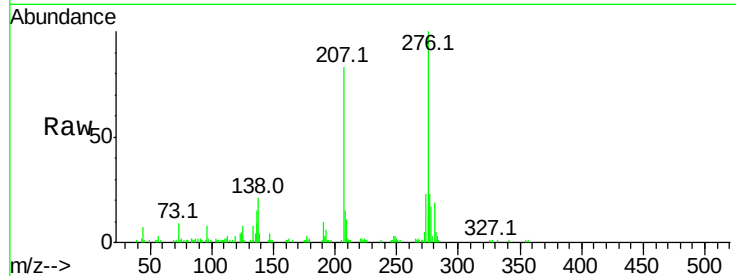




#85
Indeno(1,2,3-cd)pyrene
Concen: 1.98 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.03 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

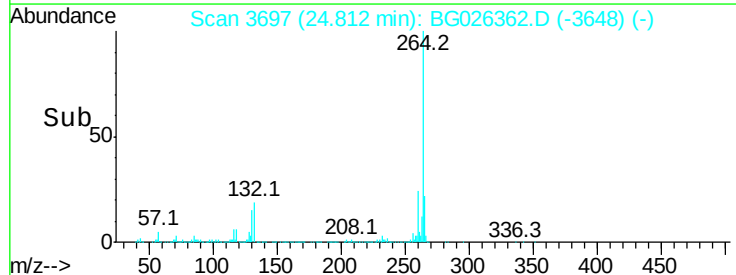
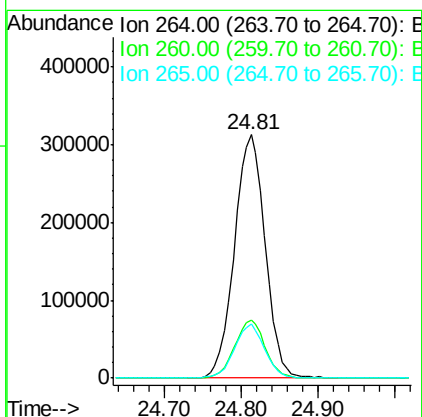
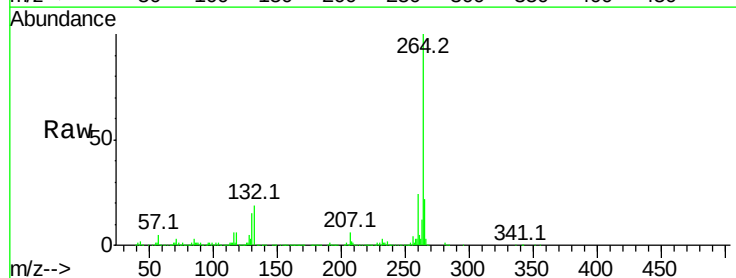
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

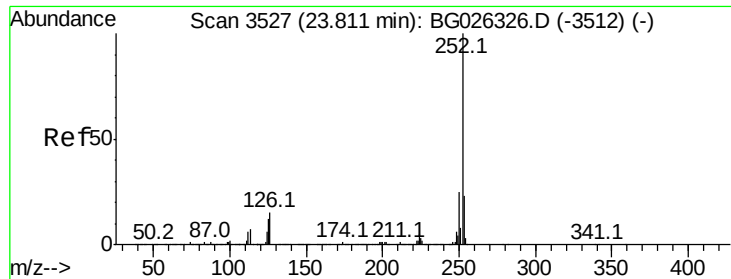
Tot Ion:276 Resp: 119086
Ion Ratio Lower Upper
276 100
138 16.4 4.7 7.1#
277 9.4 20.6 31.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:264 Resp: 873940
Ion Ratio Lower Upper
264 100
260 23.8 21.8 32.8
265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 2.02 ng

RT: 23.80 min Scan# 3524

Delta R.T. -0.02 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL-01-QT2-2017

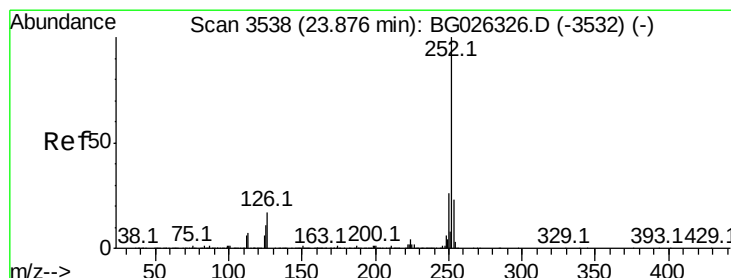
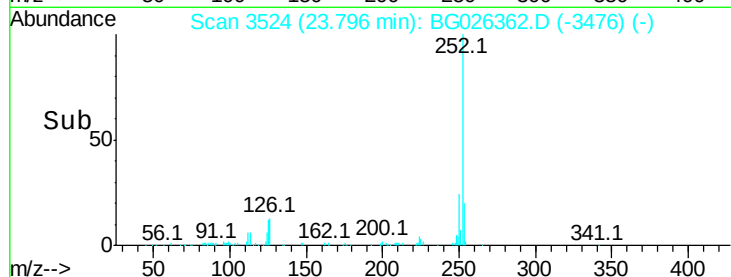
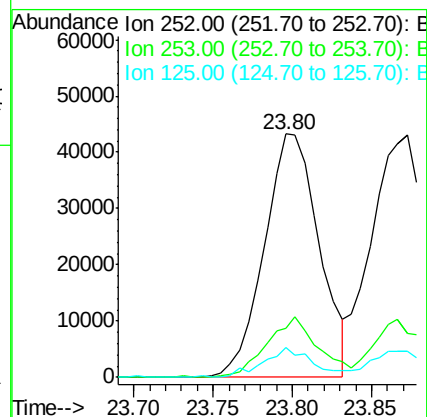
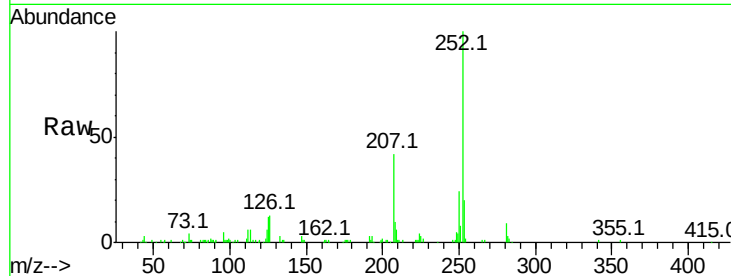
Tot Ion:252 Resp: 103964

Ion Ratio Lower Upper

252 100

253 20.1 18.7 28.1

125 12.1 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 2.15 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG026362.D

Acq: 21 Mar 2017 17:25

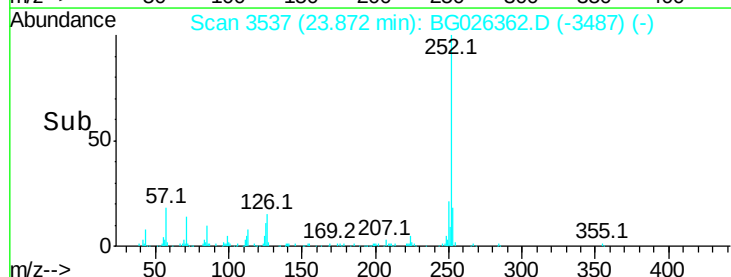
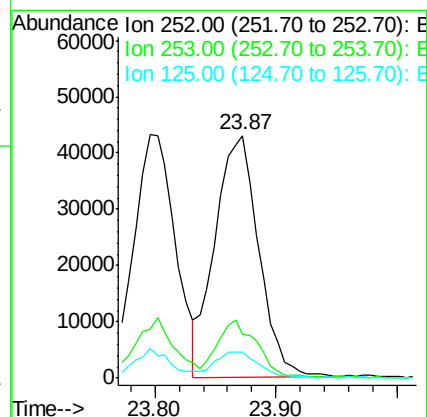
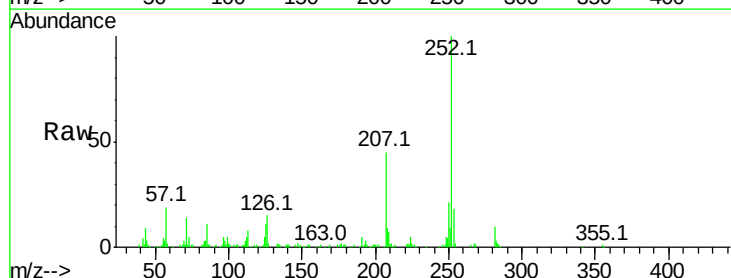
Tgt Ion:252 Resp: 107206

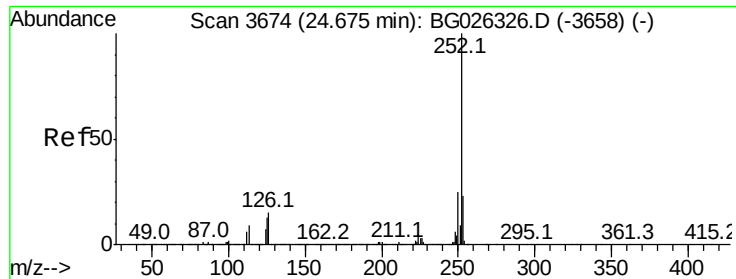
Ion Ratio Lower Upper

252 100

253 18.0 20.2 30.2#

125 10.7 5.1 7.7#

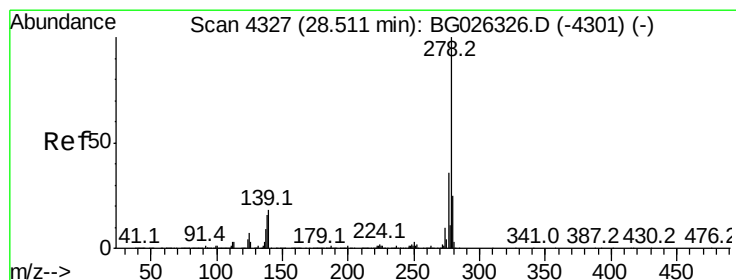
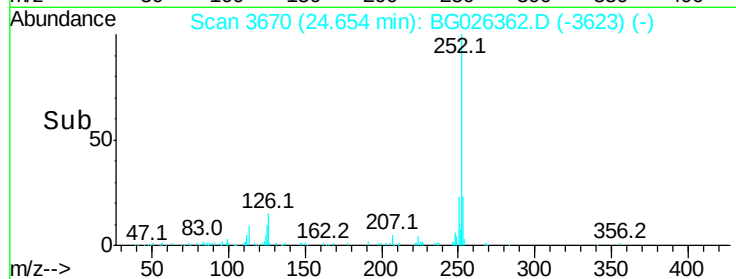
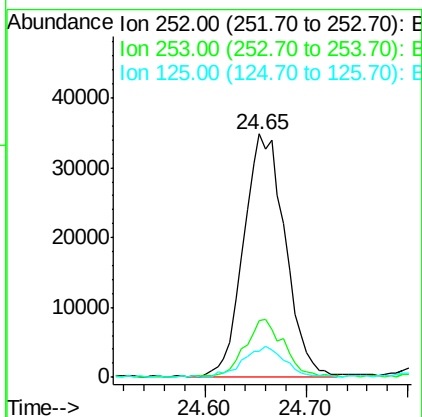
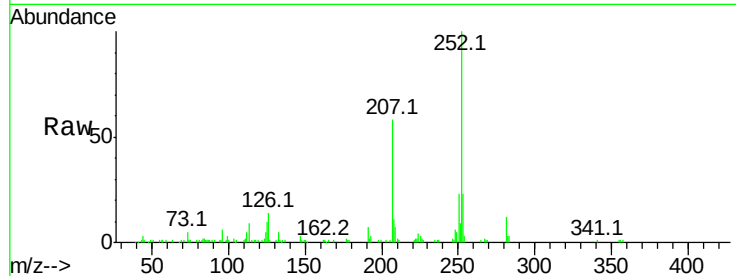




#89
Benzo(a)pyrene
Concen: 2.01 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

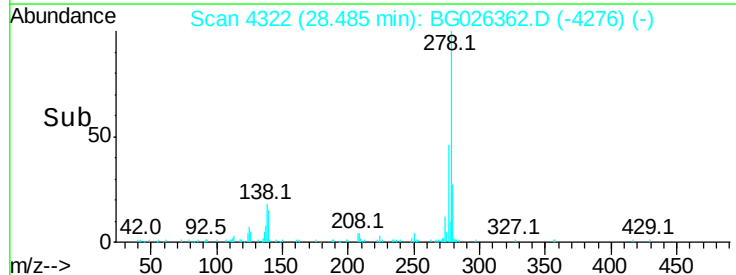
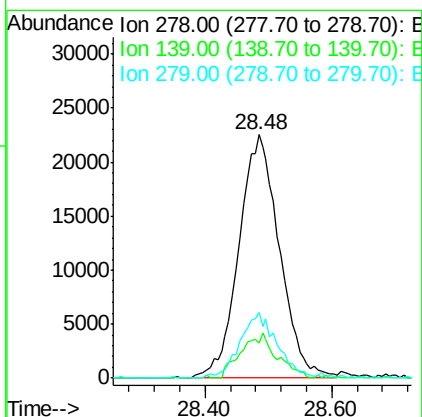
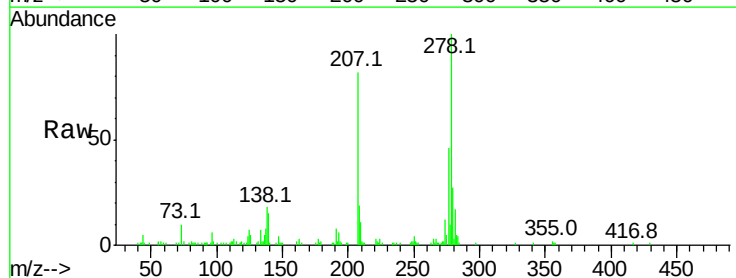
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL-01-QT2-2017

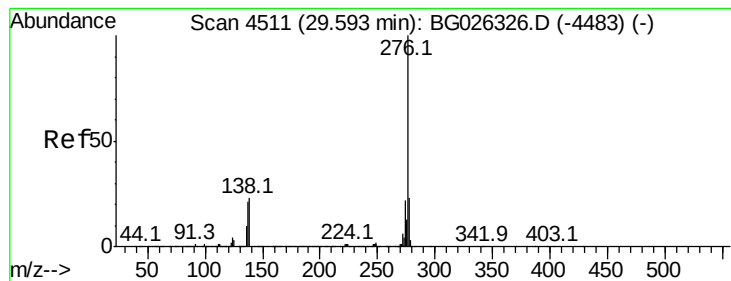
Tot Ion:252 Resp: 99359
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 10.5 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 2.00 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.03 min
Lab File: BG026362.D
Acq: 21 Mar 2017 17:25

Tgt Ion:278 Resp: 99878
Ion Ratio Lower Upper
278 100
139 14.6 7.7 11.5#
279 26.8 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 2.02 ng
 RT: 29.57 min Scan# 4506
 Delta R.T. -0.03 min
 Lab File: BG026362.D
 Acq: 21 Mar 2017 17:25

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

Tot Ion:276 Resp: 101712
 Ion Ratio Lower Upper
 276 100
 277 22.0 18.6 27.8
 138 21.4 8.1 12.1#

