

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025390.D
 Acq On : 22 Dec 2016 15:26
 Operator : UM/SJ
 Sample : H6103-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Quant Time: Dec 23 00:27:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49891	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	212815	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	163847	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	380206	20.00	ng	0.00
75) Chrysene-d12	21.88	240	558462	20.00	ng	0.00
86) Perylene-d12	25.28	264	584690	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	481138	175.29	ng	0.00
7) Phenol-d6	7.38	99	655317	169.52	ng	0.00
23) Nitrobenzene-d5	9.39	82	524167	108.81	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	401520	152.21	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1134610	112.11	ng	0.00
78) Terphenyl-d14	20.16	244	2153810	102.26	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	18759	16.02	ng	95
3) Pyridine	4.01	79	51982	15.31	ng	93
4) n-Nitrosodimethylamine	3.92	42	36352	18.04	ng	83
6) Aniline	7.54	93	58323	11.13	ng	# 88
8) 2-Chlorophenol	7.78	128	59424	19.19	ng	92
9) Benzaldehyde	7.35	77	51134	18.08	ng	96
10) Phenol	7.40	94	82741	19.31	ng	95
11) bis(2-Chloroethyl)ether	7.63	93	58859	17.82	ng	86
12) 1,3-Dichlorobenzene	8.10	146	66599	17.77	ng	96
13) 1,4-Dichlorobenzene	8.24	146	69120	17.80	ng	98
14) 1,2-Dichlorobenzene	8.57	146	63475	17.13	ng	96
15) Benzyl Alcohol	8.46	79	67195	18.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.72	45	108303	17.71	ng	96
17) 2-Methylphenol	8.66	107	52849	18.78	ng	97
18) Hexachloroethane	9.29	117	25231	16.92	ng	90
19) n-Nitroso-di-n-propylamine	9.01	70	54482	16.69	ng	94
20) 3+4-Methylphenols	9.00	107	74233	19.06	ng	96
22) Acetophenone	9.05	105	97395	16.47	ng	# 98
24) Nitrobenzene	9.44	77	91289	17.28	ng	91
25) Isophorone	9.95	82	139705	16.02	ng	97
26) 2-Nitrophenol	10.15	139	34490	17.07	ng	91
27) 2,4-Dimethylphenol	10.20	122	60654	18.26	ng	85
28) bis(2-Chloroethoxy)methane	10.43	93	74119	16.36	ng	# 94
29) 2,4-Dichlorophenol	10.70	162	65822	18.51	ng	95
30) 1,2,4-Trichlorobenzene	10.90	180	70271	16.36	ng	98
31) Naphthalene	11.09	128	180744	17.01	ng	100
32) Benzoic acid	10.32	122	47475	17.77	ng	# 87
33) 4-Chloroaniline	11.22	127	38485	8.61	ng	# 92
34) Hexachlorobutadiene	11.34	225	58993	16.83	ng	97
35) Caprolactam	11.98	113	20722	15.51	ng	90
36) 4-Chloro-3-methylphenol	12.32	107	75824	17.28	ng	95
37) 2-Methylnaphthalene	12.68	142	134642	17.10	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	100665	18.61	ng	# 95
40) Hexachlorocyclopentadiene	13.01	237	18140	16.71	ng	98

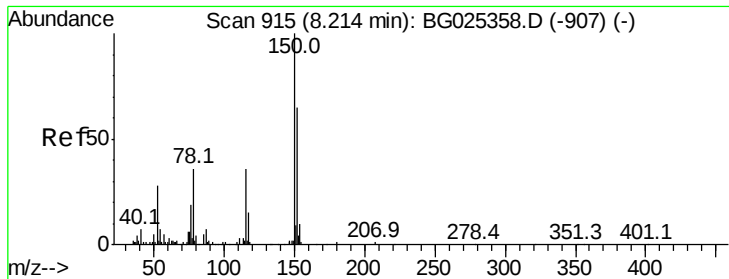
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025390.D
 Acq On : 22 Dec 2016 15:26
 Operator : UM/SJ
 Sample : H6103-02
 Misc :
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Instrument :
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Quant Time: Dec 23 00:27:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	59583	17.49	nq	97
43) 2,4,5-Trichlorophenol	13.38	196	62389	17.50	nq	96
45) 1,1'-Biphenyl	13.67	154	197336	17.91	nq	91
46) 2-Chloronaphthalene	13.72	162	147161	17.09	nq	97
47) 2-Nitroaniline	13.94	65	64993	17.88	nq	92
48) Acenaphthylene	14.56	152	230181	17.25	nq	95
49) Dimethylphthalate	14.28	163	210137	17.59	nq	99
50) 2,6-Dinitrotoluene	14.42	165	46898	17.97	nq	91
51) Acenaphthene	14.90	154	153468	17.58	nq	97
52) 3-Nitroaniline	14.77	138	33811	13.48	nq	88
53) 2,4-Dinitrophenol	14.99	184	12637	11.99	nq #	88
54) Dibenzofuran	15.23	168	247375	17.93	nq	93
55) 4-Nitrophenol	15.09	139	29822	15.92	nq #	89
56) 2,4-Dinitrotoluene	15.22	165	66596	17.53	nq #	91
57) Fluorene	15.88	166	205423	17.78	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	63931	16.74	nq #	96
59) Diethylphthalate	15.63	149	219546	17.53	nq	96
60) 4-Chlorophenyl-phenylether	15.86	204	120270	18.37	nq #	88
61) 4-Nitroaniline	15.93	138	44368	17.58	nq #	80
62) Azobenzene	16.16	77	219666	18.18	nq	96
64) 4,6-Dinitro-2-methylphenol	15.98	198	42765	16.24	nq	79
65) n-Nitrosodiphenylamine	16.08	169	181997	17.71	nq	99
66) 4-Bromophenyl-phenylether	16.76	248	81786	17.44	nq	89
67) Hexachlorobenzene	16.89	284	91926	17.08	nq #	89
68) Atrazine	17.02	200	64194	14.26	nq	93
69) Pentachlorophenol	17.24	266	40356	14.46	nq	92
70) Phenanthrene	17.63	178	347418	17.73	nq	93
71) Anthracene	17.72	178	358274	18.00	nq	95
72) Carbazole	18.00	167	321861	18.07	nq	94
73) Di-n-butylphthalate	18.51	149	394558	18.01	nq #	95
74) Fluoranthene	19.62	202	489056	18.90	nq	92
76) Benzidine	19.80	184	136256	9.78	nq	97
77) Pyrene	19.99	202	500130	17.14	nq	95
79) Butylbenzylphthalate	20.83	149	200317	17.09	nq	97
80) Benzo(a)anthracene	21.86	228	562673	18.06	nq	93
81) 3,3'-Dichlorobenzidine	21.76	252	137667	11.38	nq	92
82) Chrysene	21.93	228	530349	17.75	nq	97
83) Bis(2-ethylhexyl)phthalate	21.70	149	287933	17.65	nq	97
84) Di-n-octyl phthalate	22.95	149	491055	18.14	nq	96
85) Indeno(1,2,3-cd)pyrene	29.21	276	667270	17.57	nq	99
87) Benzo(b)fluoranthene	24.19	252	567922m	17.80	nq	
88) Benzo(k)fluoranthene	24.26	252	542097	17.60	nq	93
89) Benzo(a)pyrene	25.12	252	540488	17.54	nq #	97
90) Dibenzo(a,h)anthracene	29.26	278	581893	17.82	nq #	98
91) Benzo(g,h,i)perylene	30.45	276	566950	17.47	nq	96

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

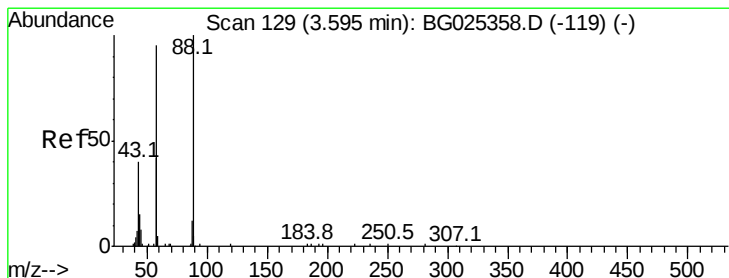
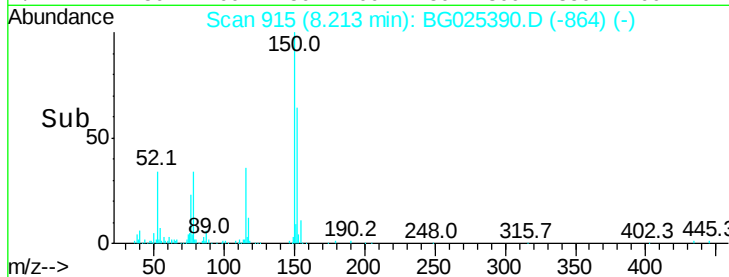
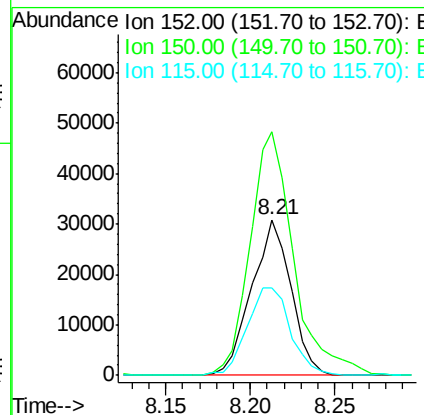
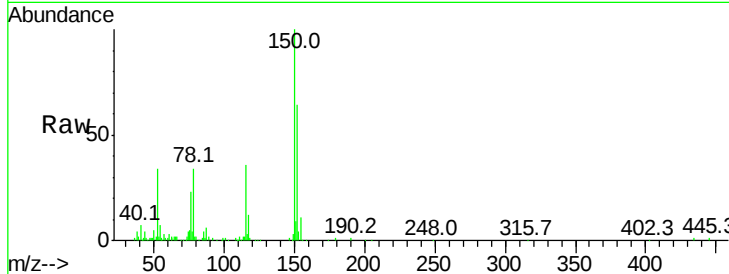


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

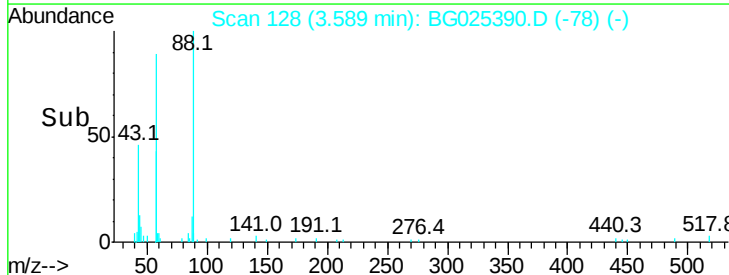
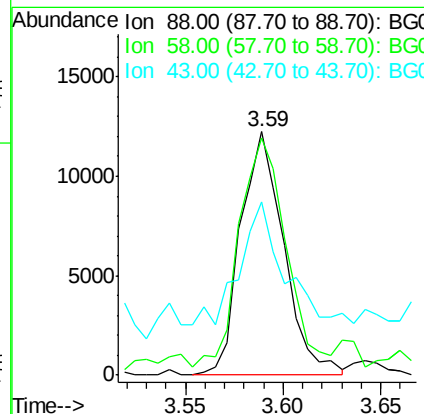
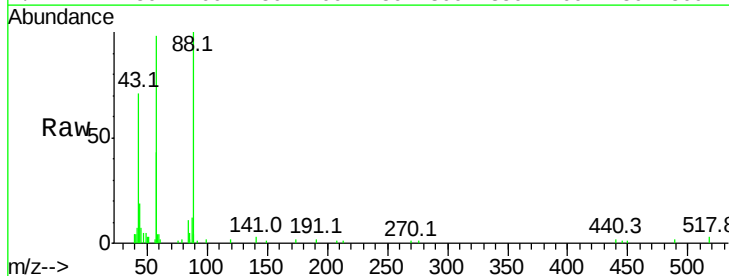
Tot Ion	152	Resp	49891
Ion	Ratio	Lower	Upper
152	100		
150	156.8	114.0	171.0
115	56.1	48.1	72.1

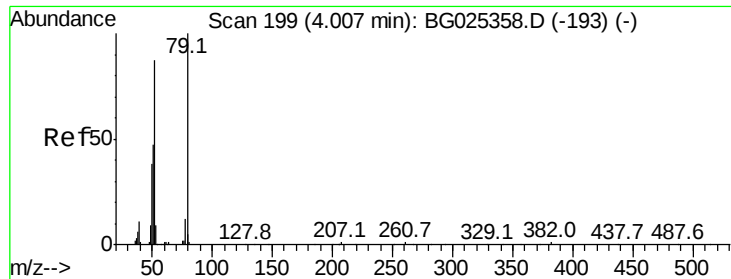


#2

1,4-Dioxane
Concen: 16.02 ng
RT: 3.59 min Scan# 128
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	88	Resp	18759
Ion	Ratio	Lower	Upper
88	100		
58	101.8	79.4	119.2
43	49.2	33.8	50.6





#3

Pvridine

Concen: 15.31 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

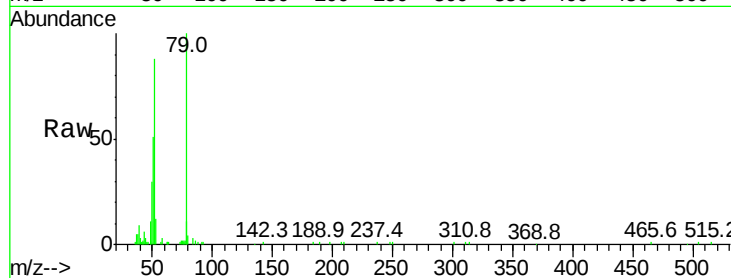
BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion: 79 Resp: 51982

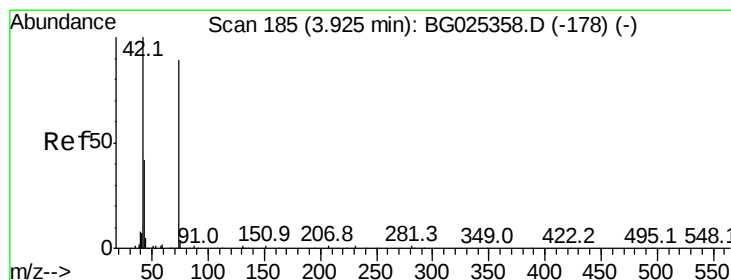
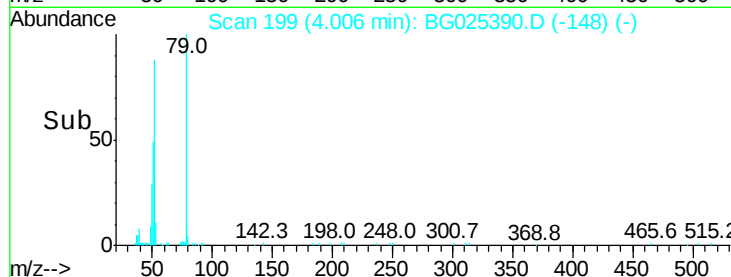
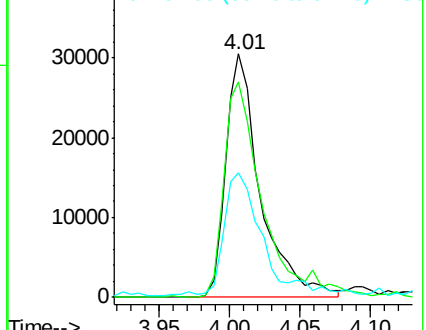
Ion	Ratio	Lower	Upper
79	100		
52	88.5	77.8	116.6
51	50.9	43.2	64.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 18.04 ng

RT: 3.92 min Scan# 185

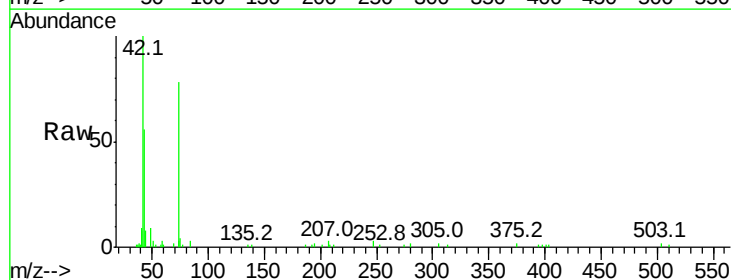
Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Tgt Ion: 42 Resp: 36352

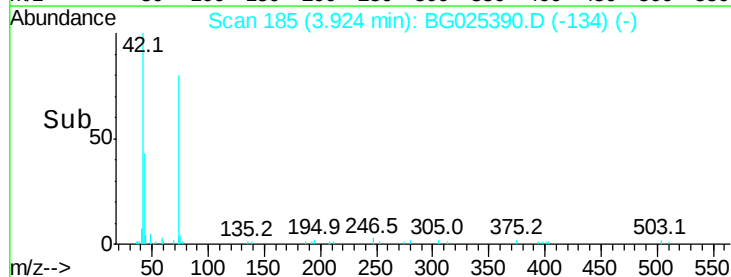
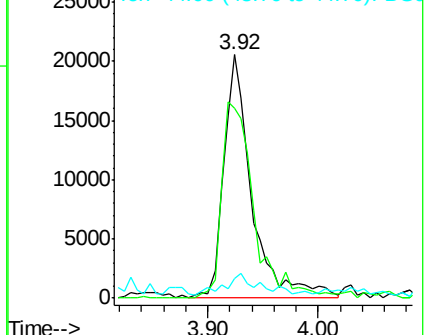
Ion	Ratio	Lower	Upper
42	100		
74	77.9	76.7	115.1
44	8.1	6.1	9.1

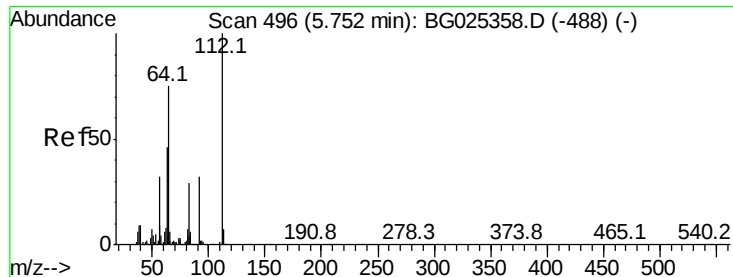


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 175.29 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

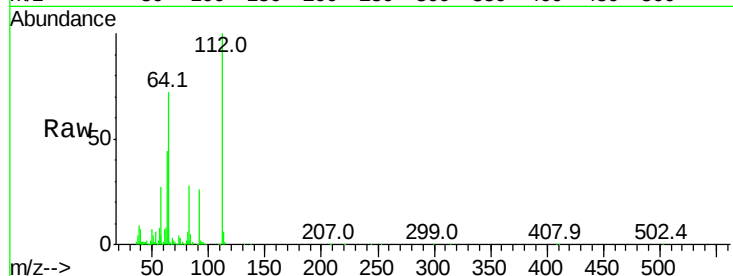
Tot Ion:112 Resp: 481138

Ion Ratio Lower Upper

112 100

64 71.5 61.8 92.6

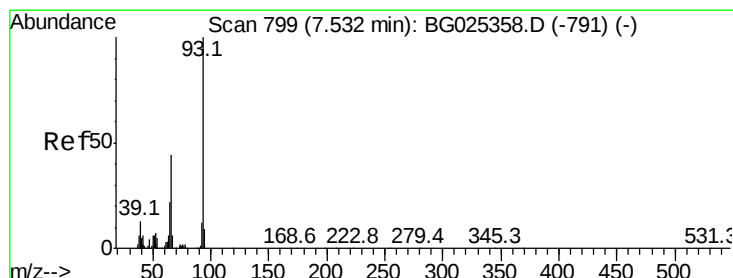
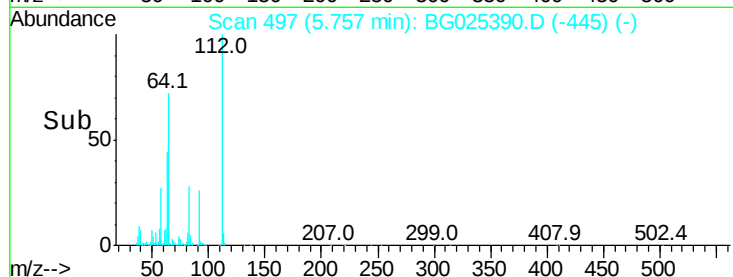
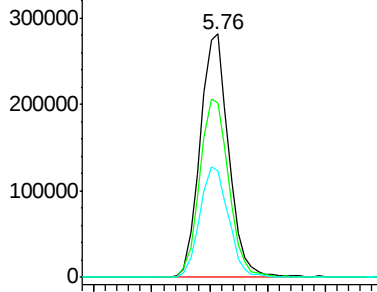
63 43.6 37.2 55.8



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: 11.13 ng

RT: 7.54 min Scan# 801

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

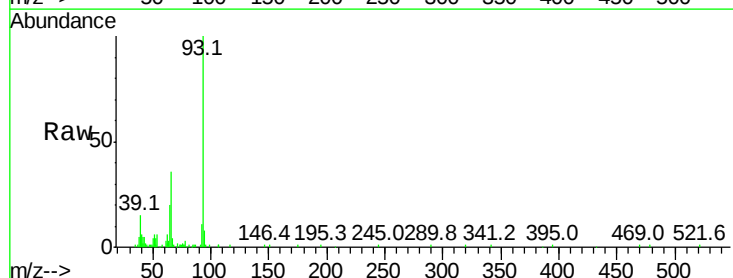
Tgt Ion: 93 Resp: 58323

Ion Ratio Lower Upper

93 100

66 36.2 35.4 53.2

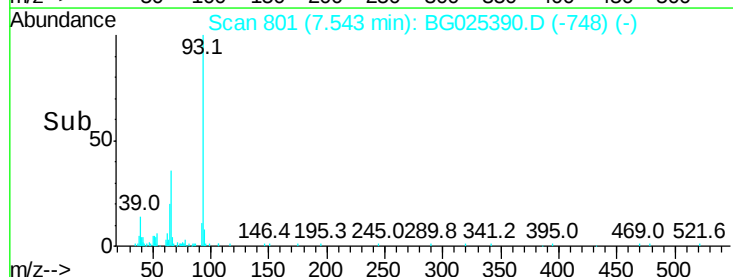
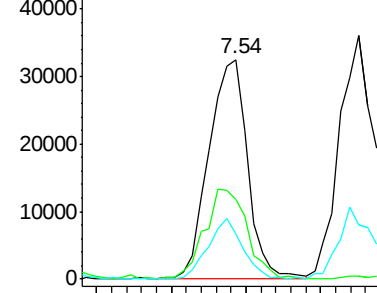
65 20.4 21.2 31.8#

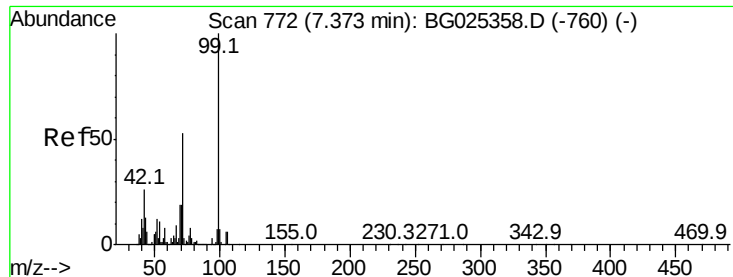


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 169.52 ng

RT: 7.38 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

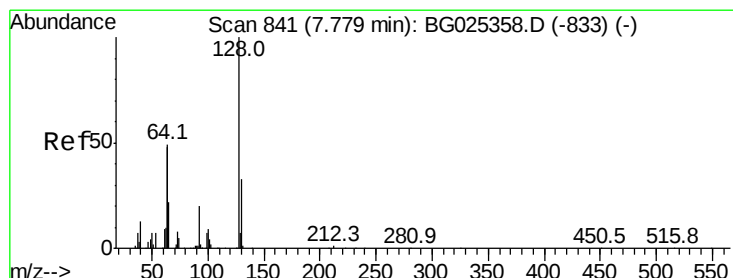
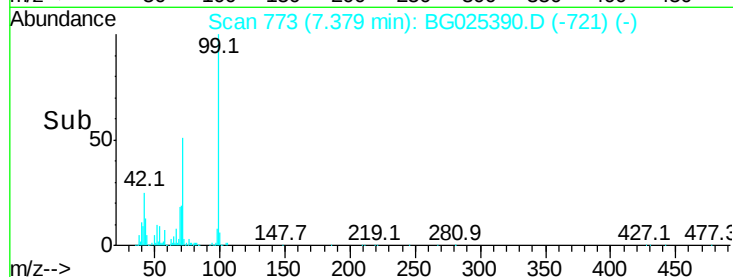
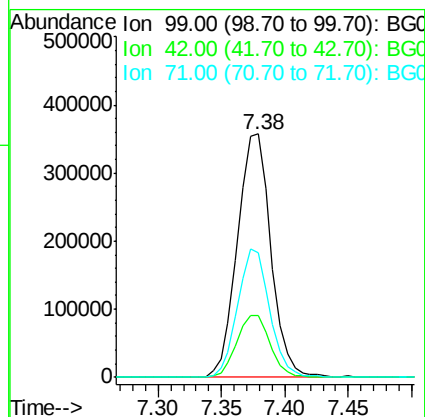
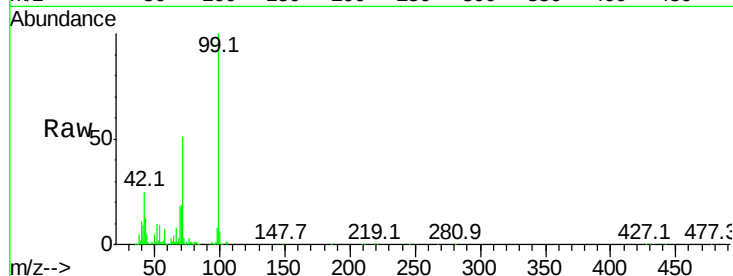
Tot Ion: 99 Resp: 655317

Ion Ratio Lower Upper

99 100

42 25.2 20.5 30.7

71 51.1 37.6 56.4



#8

2-Chlorophenol

Concen: 19.19 ng

RT: 7.78 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

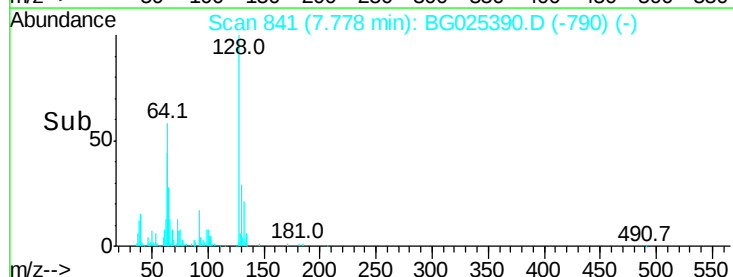
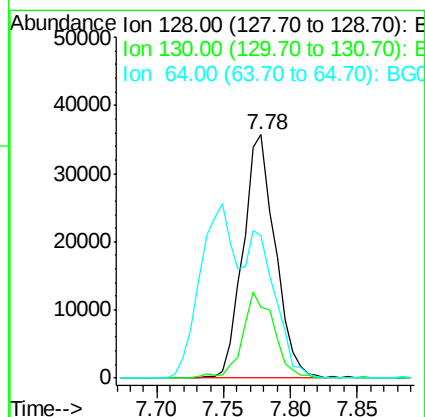
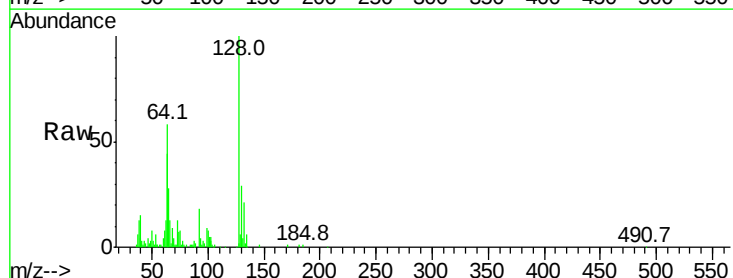
Tgt Ion: 128 Resp: 59424

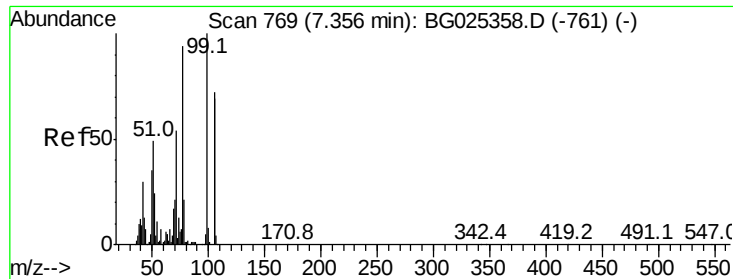
Ion Ratio Lower Upper

128 100

130 29.0 11.4 51.4

64 58.5 46.6 86.6





#9

Benzaldehyde

Concen: 18.08 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

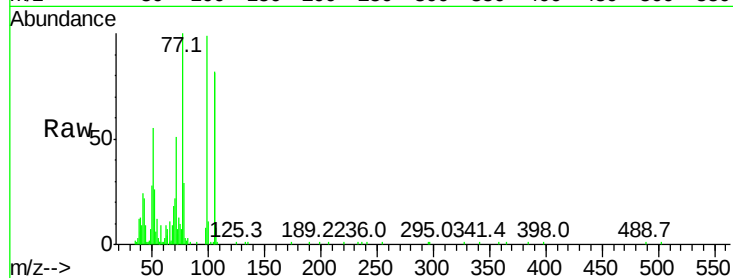
Tot Ion: 77 Resp: 51134

Ion Ratio Lower Upper

77 100

105 81.7 60.9 100.9

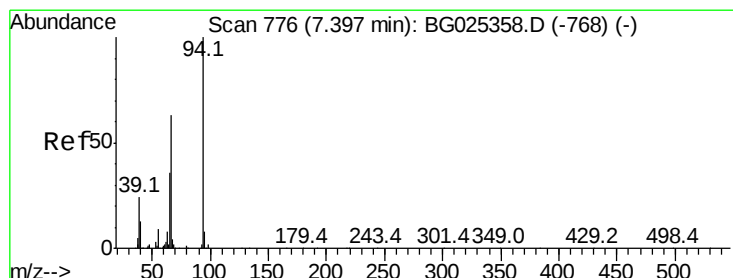
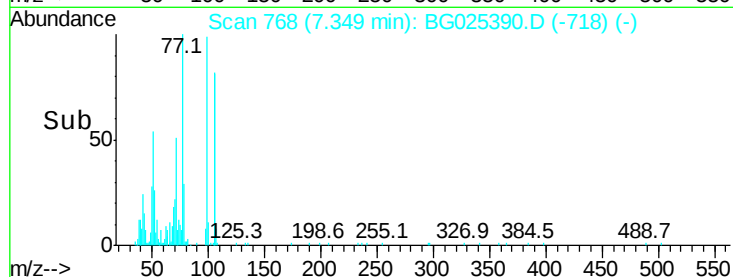
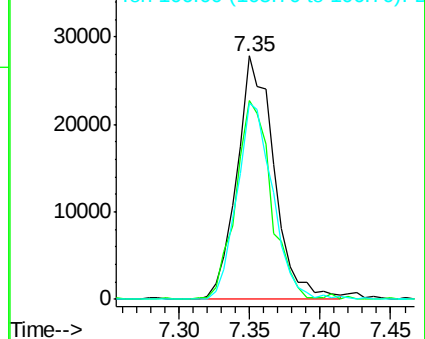
106 80.6 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 19.31 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

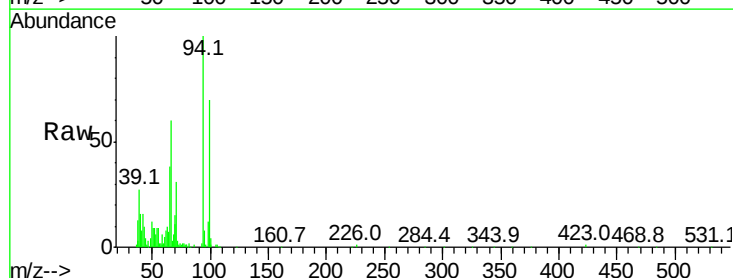
Tgt Ion: 94 Resp: 82741

Ion Ratio Lower Upper

94 100

65 38.1 20.6 60.6

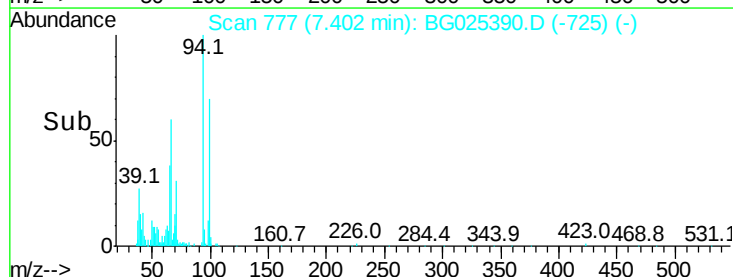
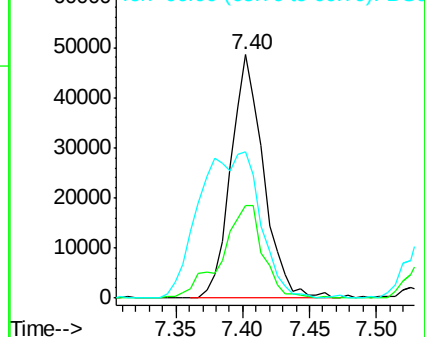
66 60.0 35.5 75.5

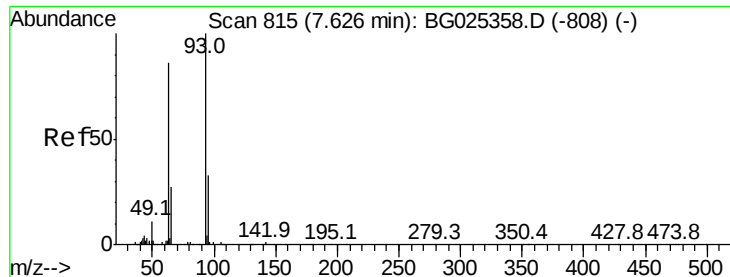


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

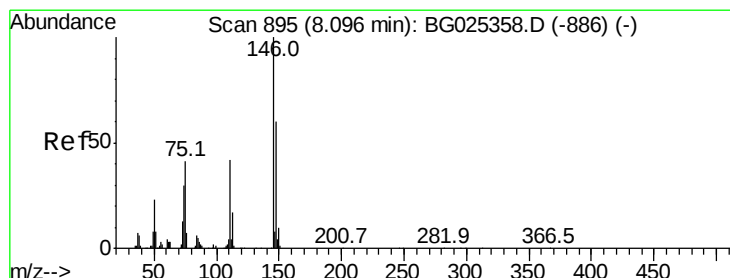
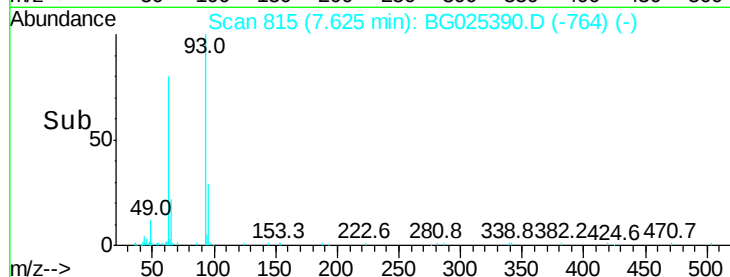
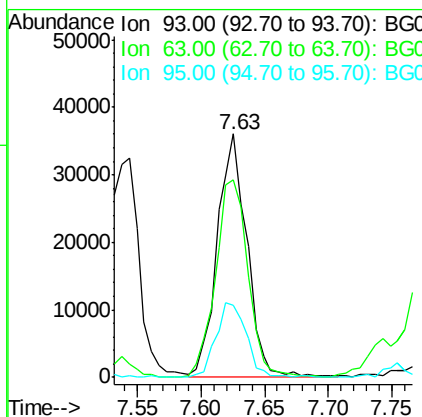
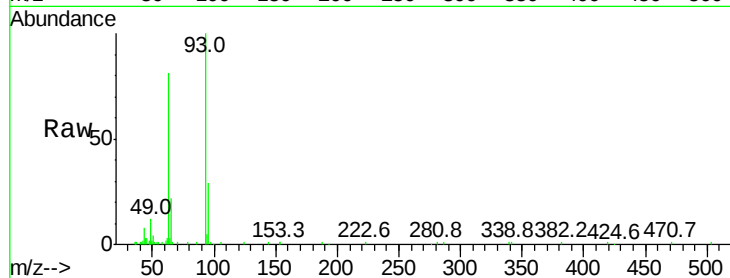




#11
bis(2-Chloroethyl)ether
Concen: 17.82 ng
RT: 7.63 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

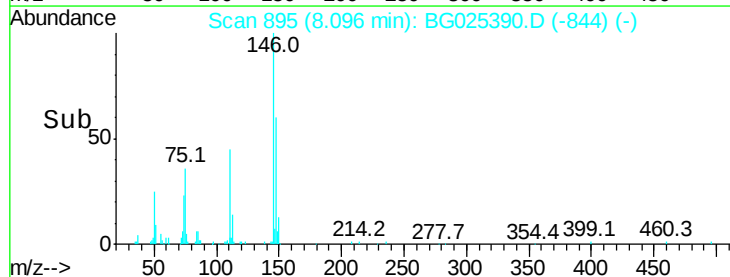
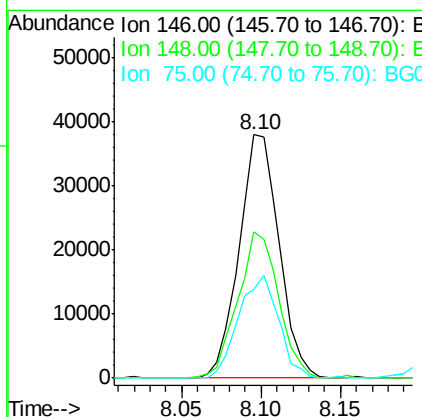
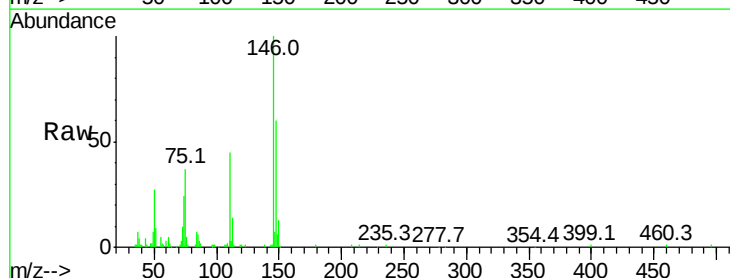
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

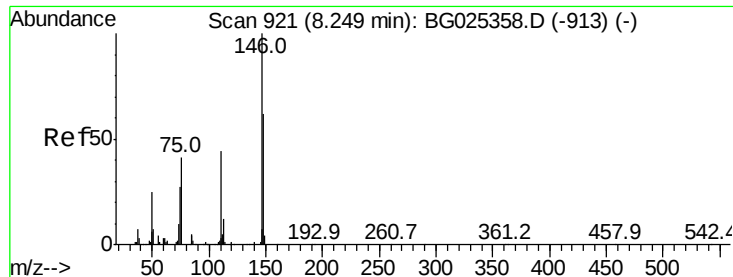
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	78.5	118.5
95	29.4	9.8	49.8



#12
1,3-Dichlorobenzene
Concen: 17.77 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	49.2	73.8
75	36.6	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 17.80 ng

RT: 8.24 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

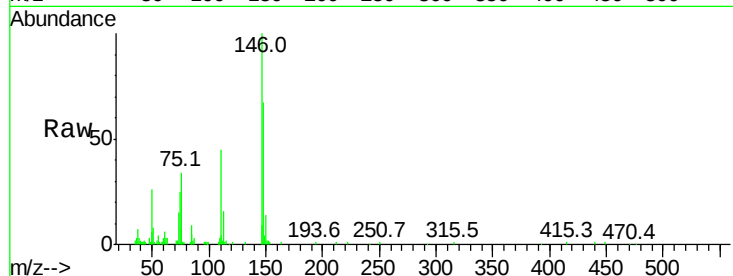
Tot Ion:146 Resp: 69120

Ion Ratio Lower Upper

146 100

148 67.5 52.2 78.2

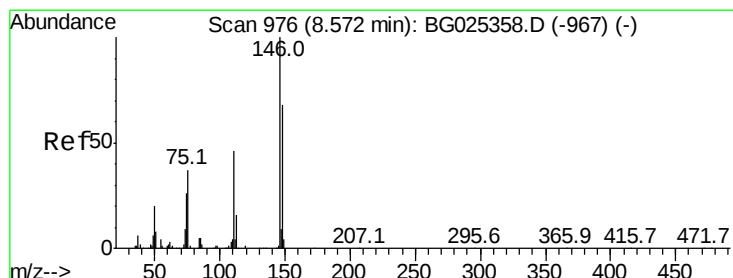
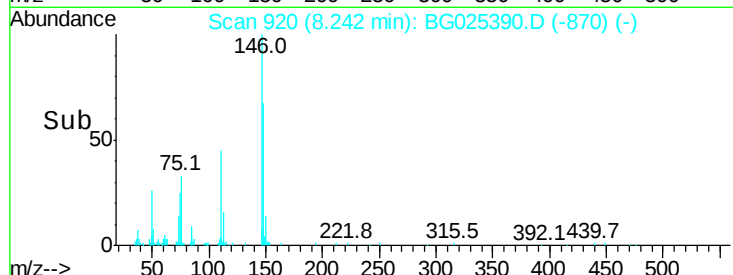
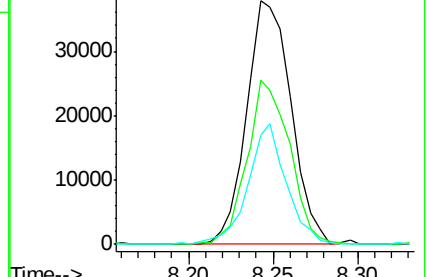
111 45.1 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 17.13 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

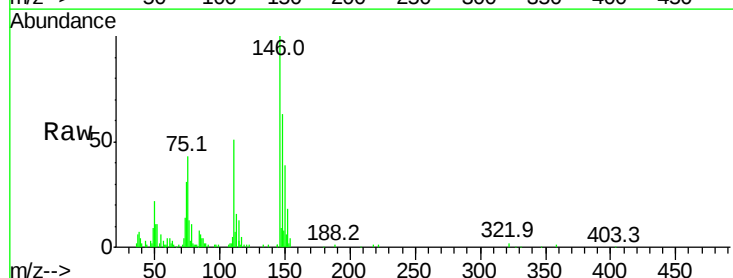
Tgt Ion:146 Resp: 63475

Ion Ratio Lower Upper

146 100

148 63.3 54.6 81.8

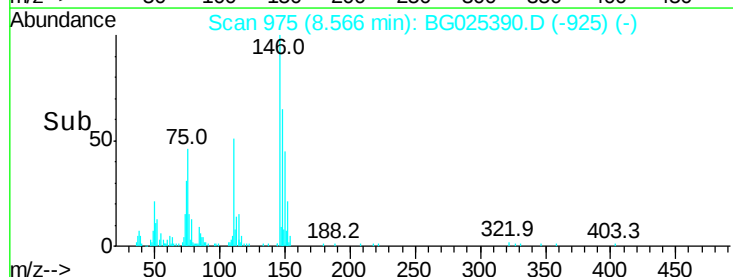
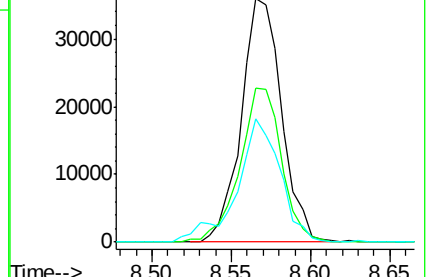
111 50.5 39.7 59.5

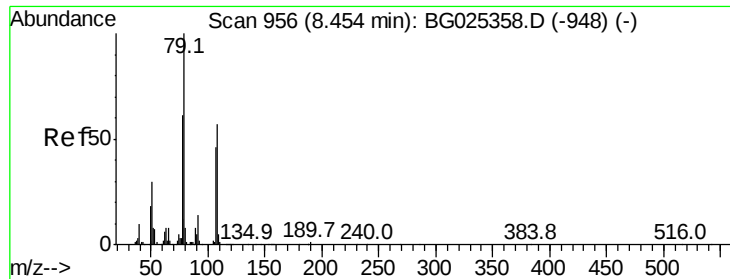


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.21 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

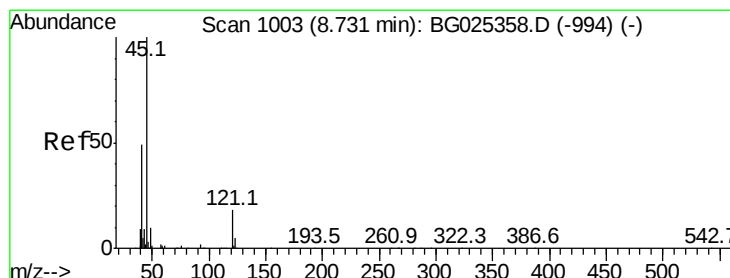
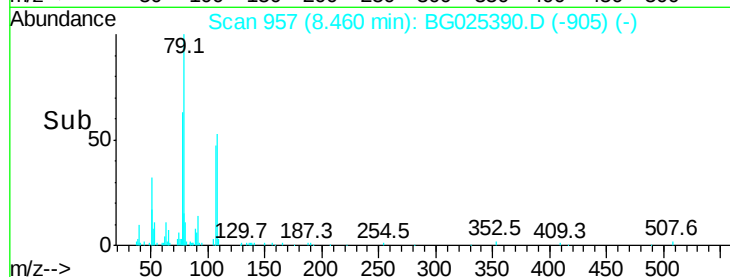
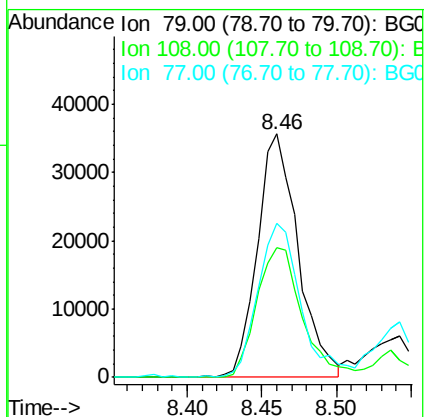
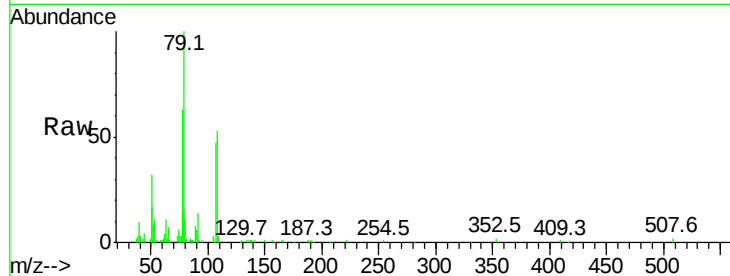
Tot Ion: 79 Resp: 67195

Ion Ratio Lower Upper

79 100

108 53.2 45.5 68.3

77 63.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.71 ng

RT: 8.72 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

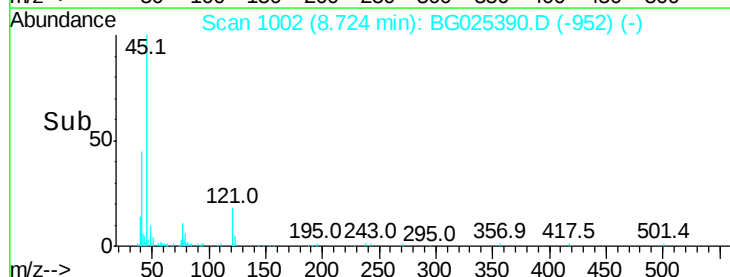
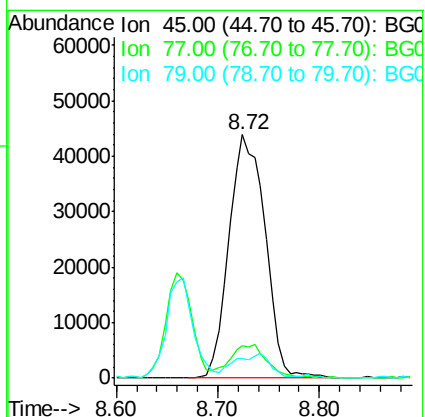
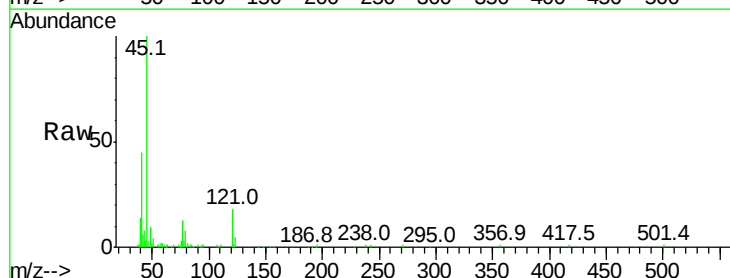
Tgt Ion: 45 Resp: 108303

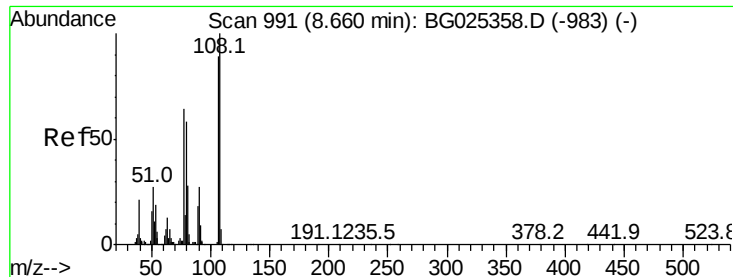
Ion Ratio Lower Upper

45 100

77 13.1 0.0 30.6

79 8.0 0.0 28.5





#17

2-Methylphenol

Concen: 18.78 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:107 Resp: 52849

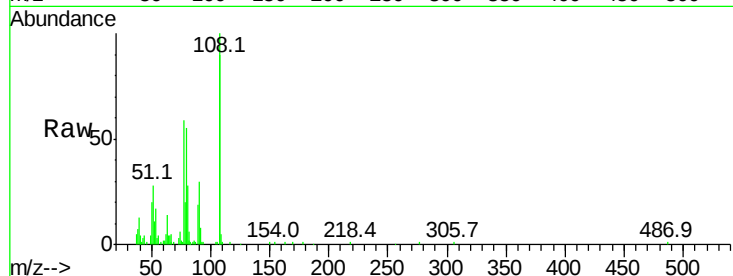
Ion Ratio Lower Upper

107 100

108 111.4 85.6 128.4

77 66.1 51.4 77.2

79 60.8 49.2 73.8

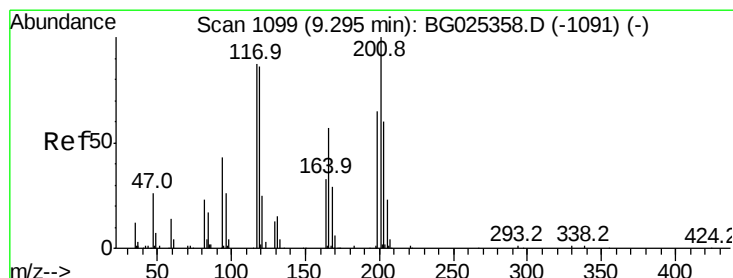
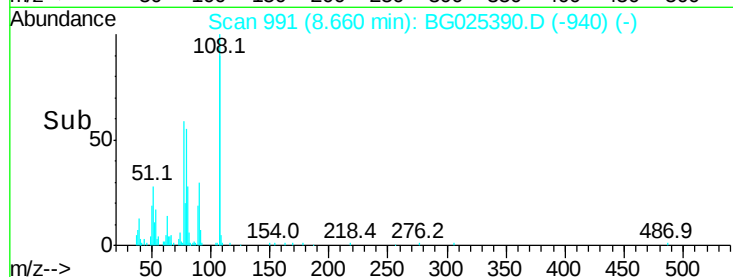
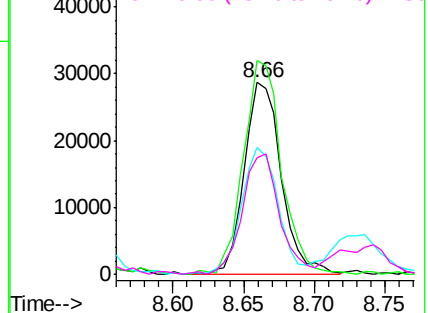


Abundance Ion 107.00 (106.70 to 107.70): E

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: 16.92 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

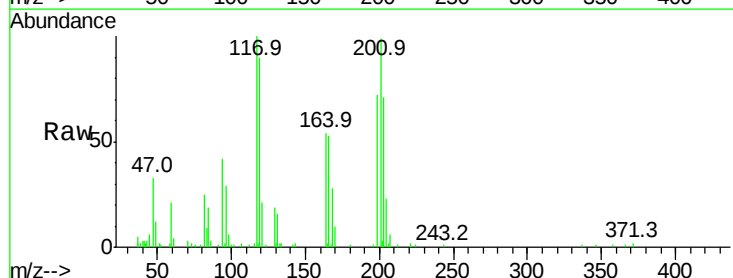
Tgt Ion:117 Resp: 25231

Ion Ratio Lower Upper

117 100

119 89.6 69.8 104.6

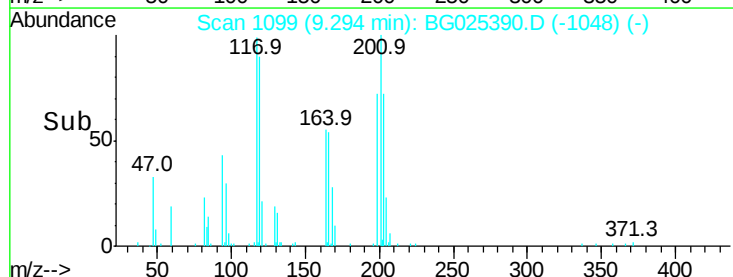
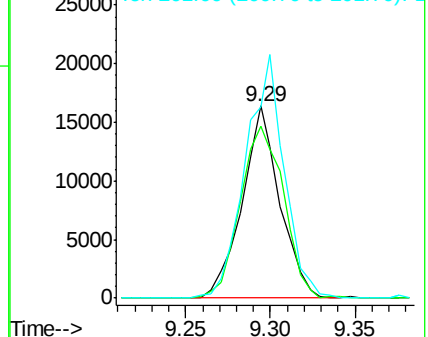
201 102.1 95.4 143.0

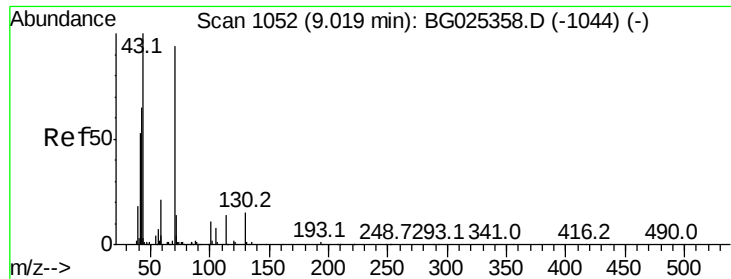


Abundance Ion 117.00 (116.70 to 117.70): E

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: 16.69 ng

RT: 9.01 min Scan# 1051

Delta R.T. -0.01 min

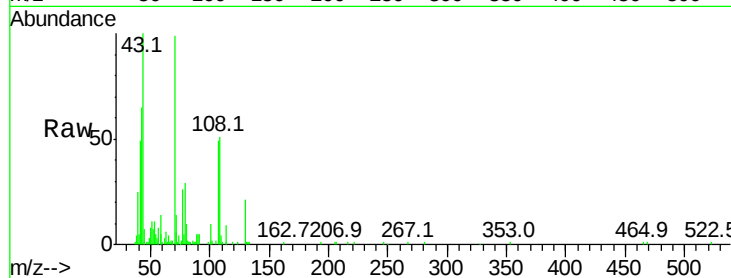
Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion: 70 Resp: 54482

Ion	Ratio	Lower	Upper
70	100		
42	65.1	56.1	84.1
101	10.0	7.5	11.3
130	21.1	14.6	21.8



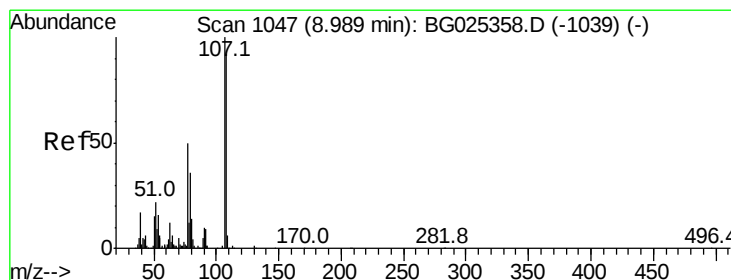
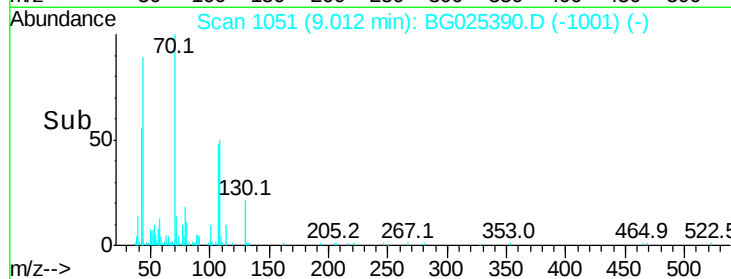
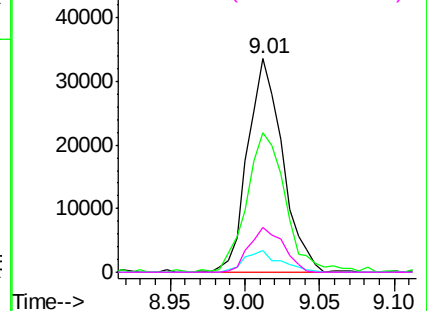
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 19.06 ng

RT: 9.00 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Tgt Ion: 107 Resp: 74233

Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.8	110.8
77	47.7	25.8	65.8
79	46.3	20.1	60.1

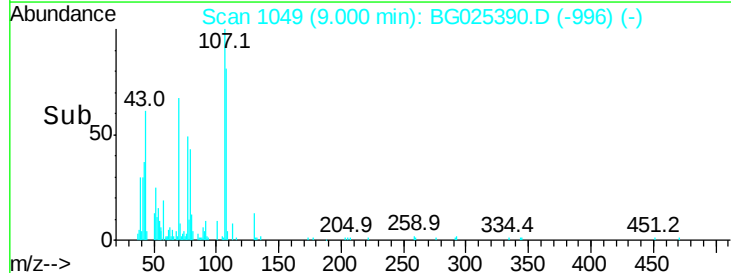
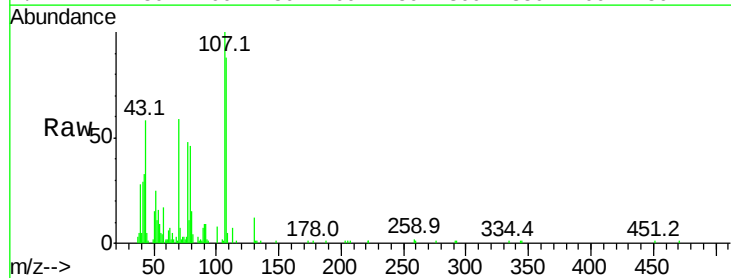
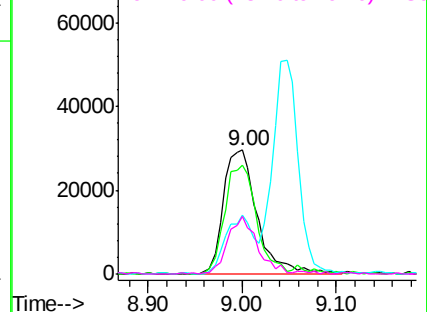
Abundance

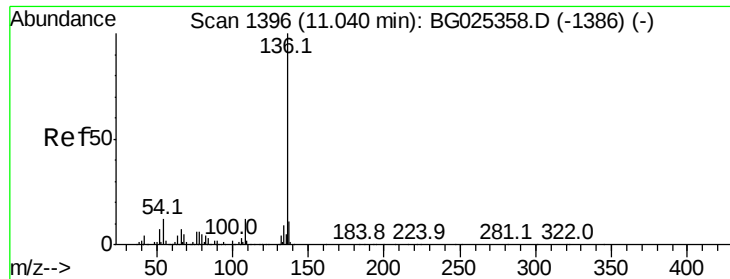
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

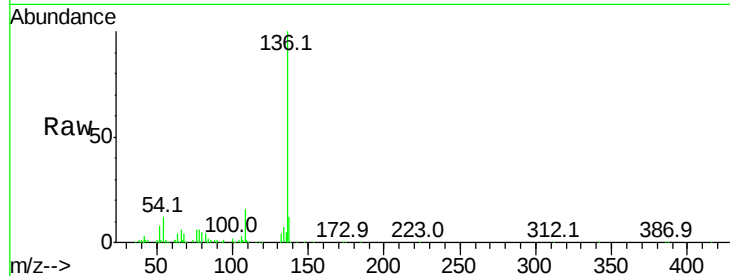
ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:136 Resp: 212815

Ion Ratio Lower Upper

136	100		
137	12.0	8.9	13.3
54	11.6	9.3	13.9
68	4.4	5.1	7.7#

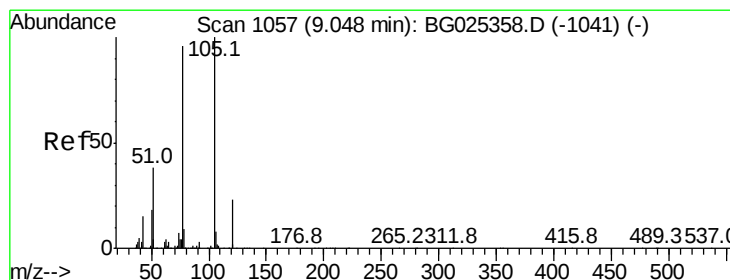
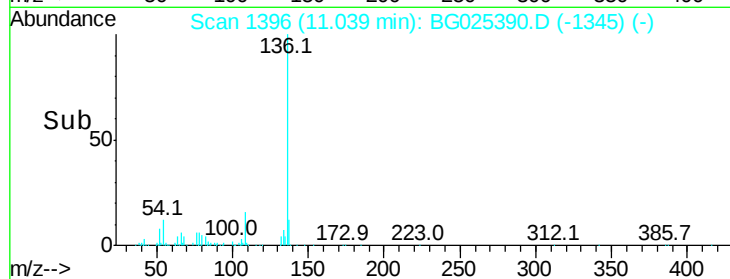
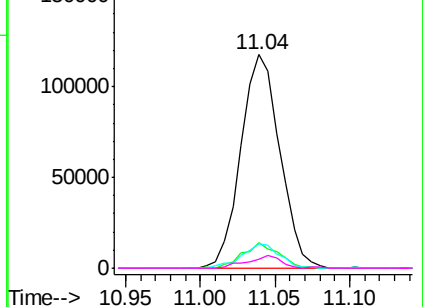


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.47 ng

RT: 9.05 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Tgt Ion:105 Resp: 97395

Ion Ratio Lower Upper

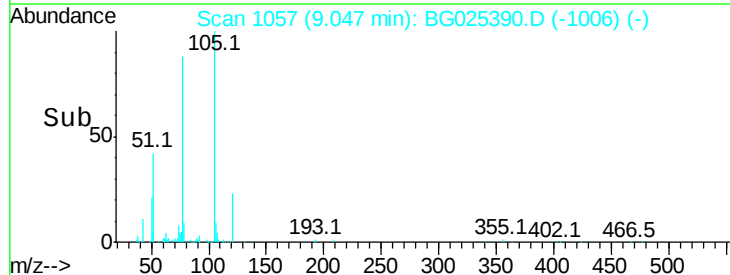
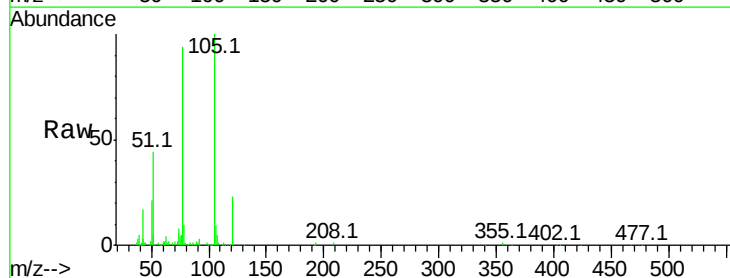
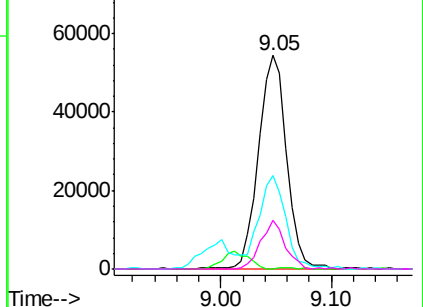
105	100		
71	0.0	0.9	1.3#
51	43.7	34.0	51.0
120	22.8	17.3	25.9

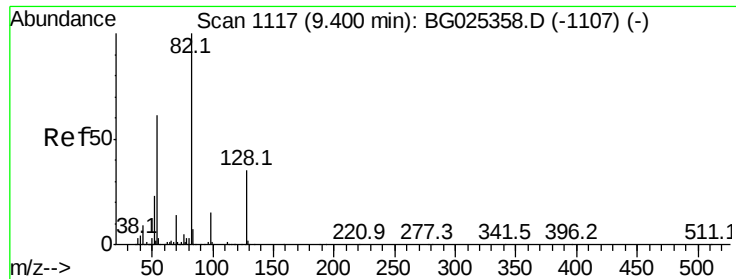
Abundance Ion 105.00 (104.70 to 105.70): E

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

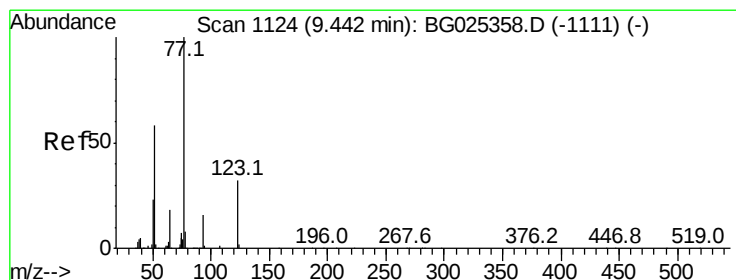
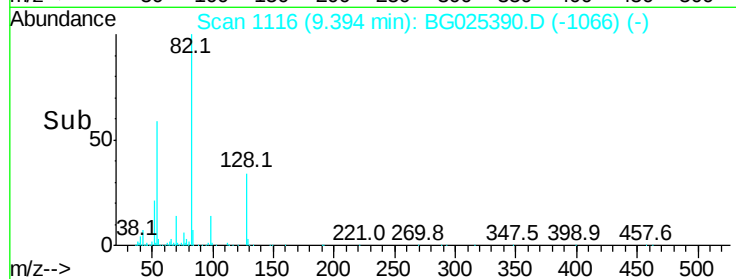
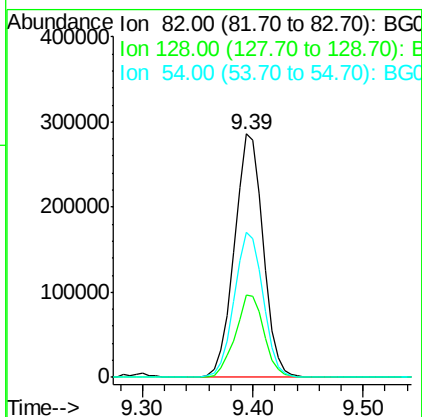
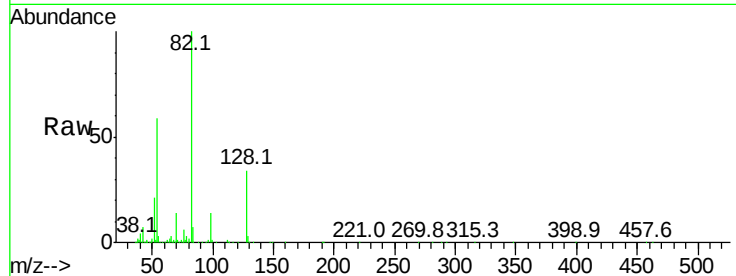




#23
 Nitrobenzene-d5
 Concen: 108.81 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

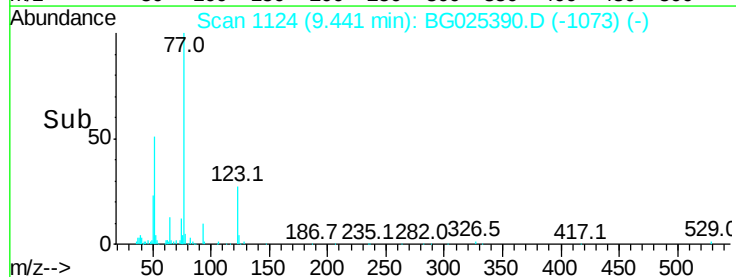
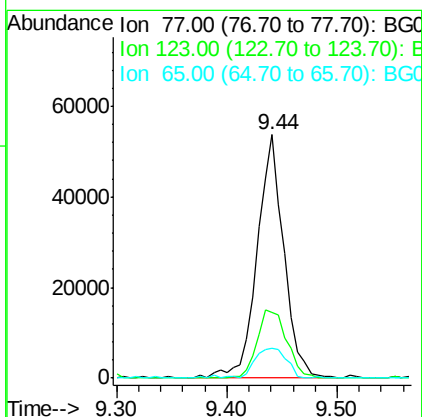
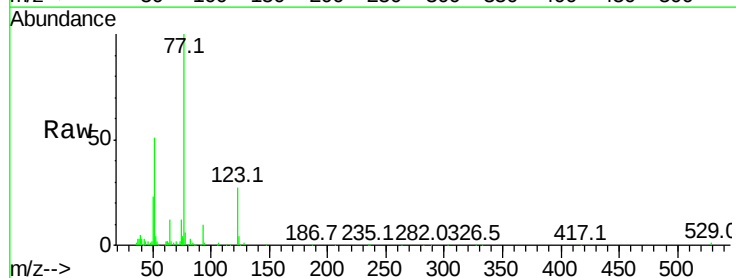
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

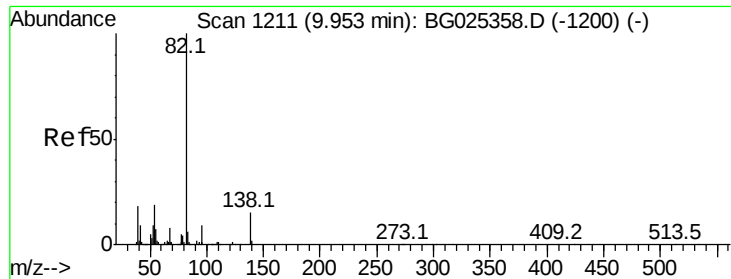
Tot Ion	82	Resp	524167
Ion Ratio	100	Lower	Upper
128	34.0	26.4	39.6
54	59.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 17.28 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion	77	Resp	91289
Ion Ratio	100	Lower	Upper
123	27.0	26.1	39.1
65	12.5	12.4	18.6

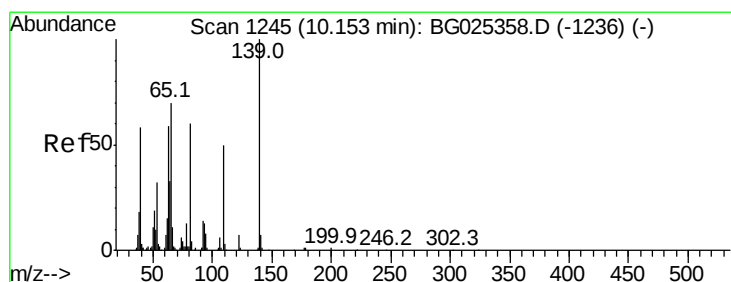
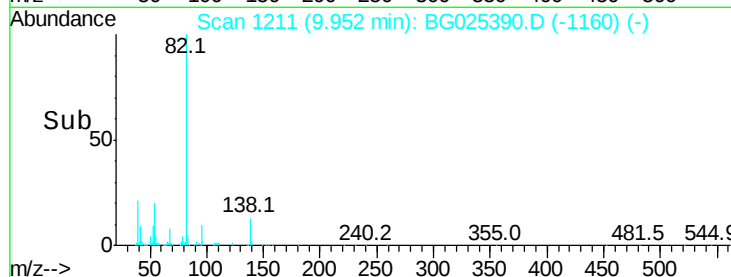
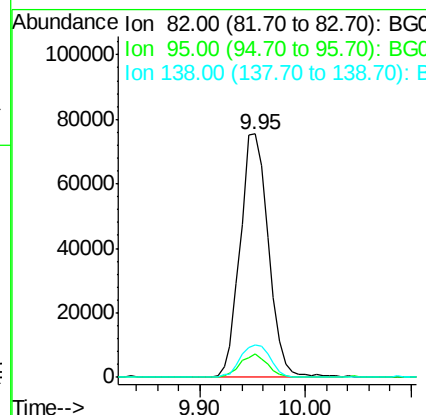
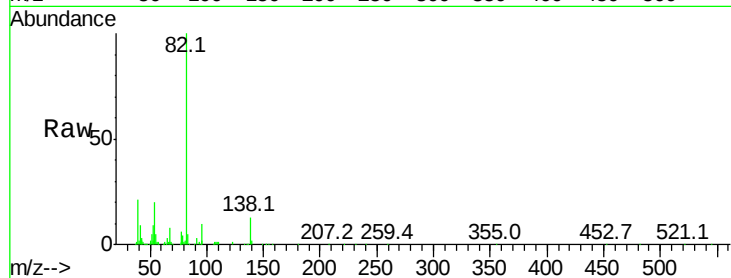




#25
Isophorone
Concen: 16.02 ng
RT: 9.95 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

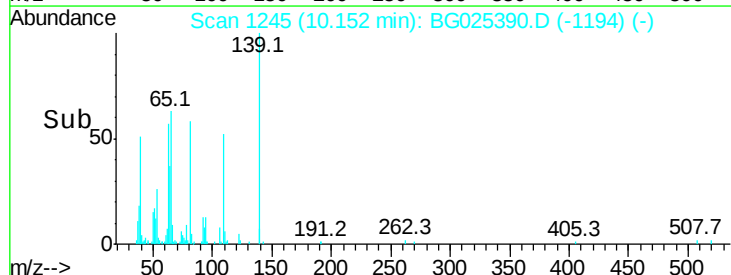
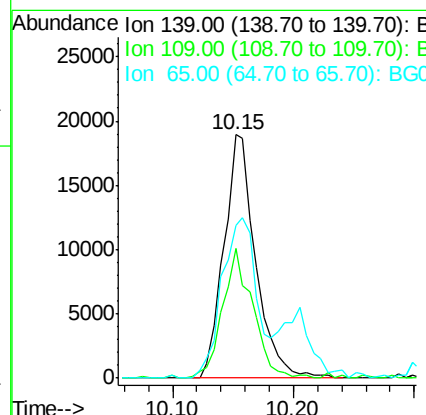
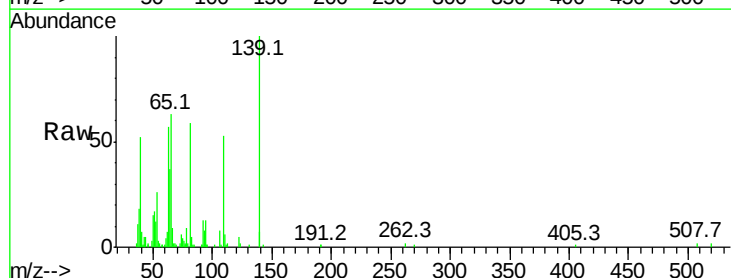
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

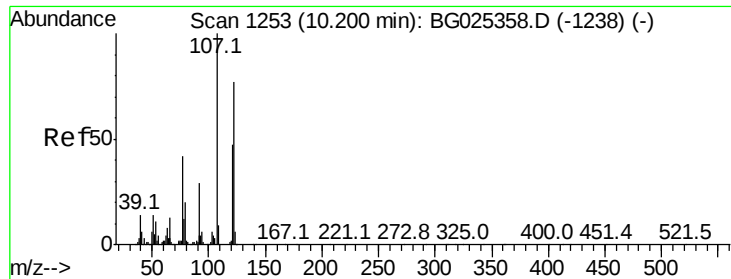
Tot Ion	Ratio	Lower	Upper
82	100		
95	9.7	7.5	11.3
138	13.5	12.3	18.5



#26
2-Nitrophenol
Concen: 17.07 ng
RT: 10.15 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.2	38.6	58.0
65	63.0	57.1	85.7

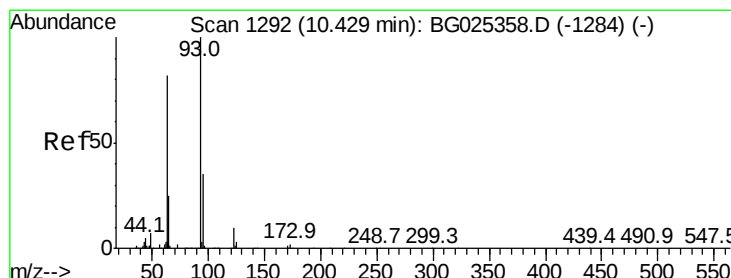
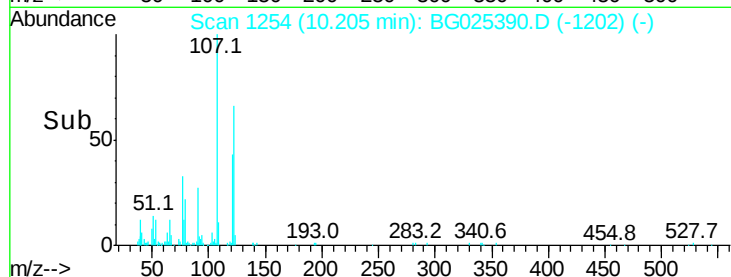
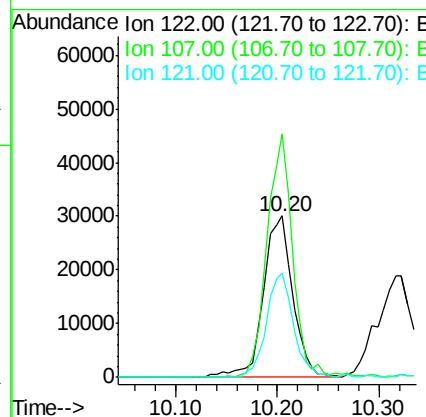
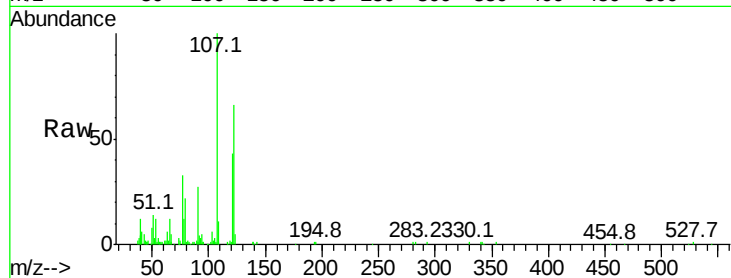




#27
2,4-Dimethylphenol
Concen: 18.26 ng
RT: 10.20 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

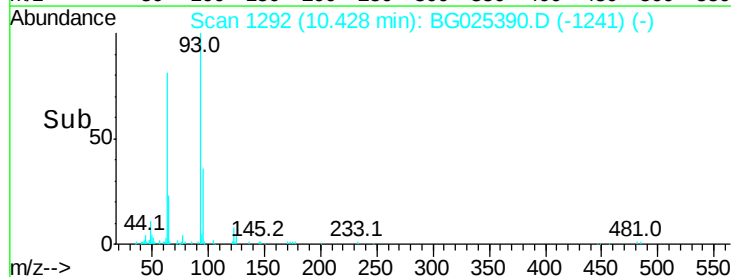
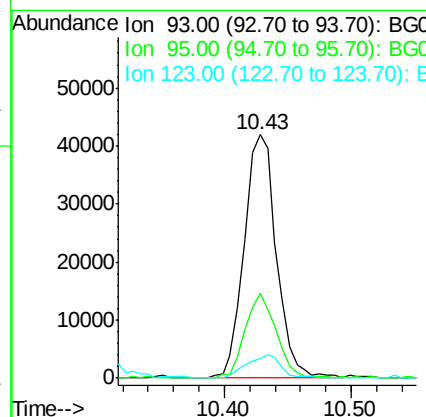
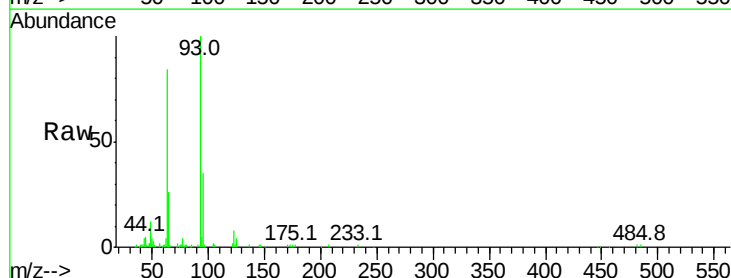
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

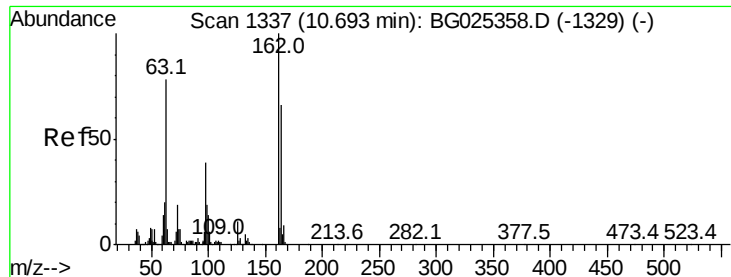
Tot Ion:122 Resp: 60654
Ion Ratio Lower Upper
122 100
107 151.1 104.2 156.4
121 64.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 16.36 ng
RT: 10.43 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion: 93 Resp: 74119
Ion Ratio Lower Upper
93 100
95 35.1 25.7 38.5
123 8.1 8.3 12.5#





#29

2,4-Dichlorophenol

Concen: 18.51 ng

RT: 10.70 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

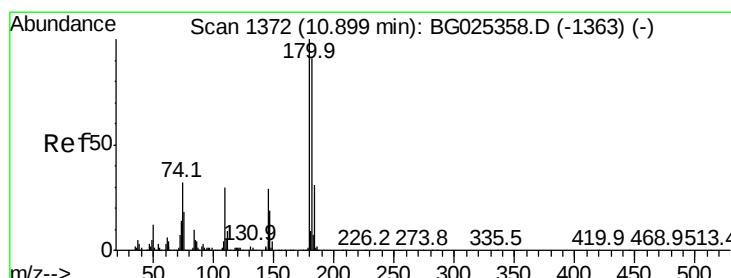
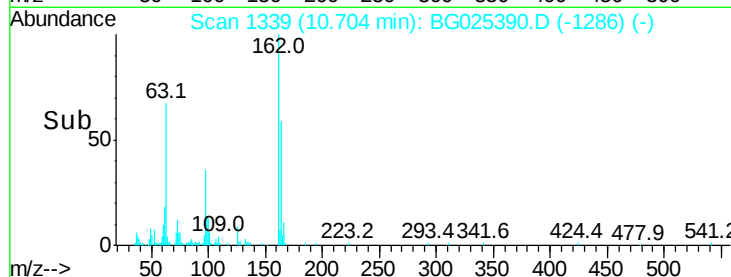
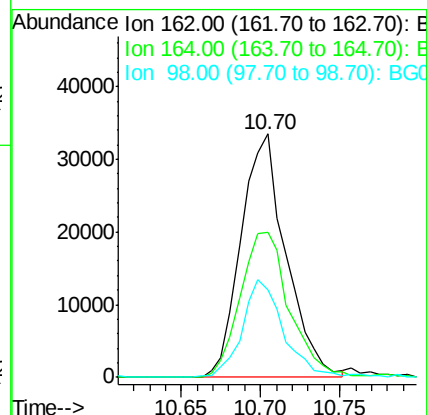
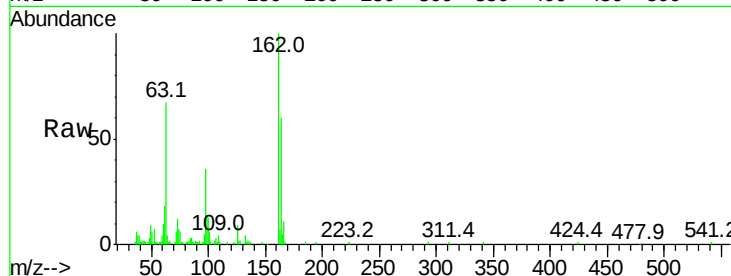
Tot Ion:162 Resp: 65822

Ion Ratio Lower Upper

162 100

164 59.8 42.4 82.4

98 36.0 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 16.36 ng

RT: 10.90 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

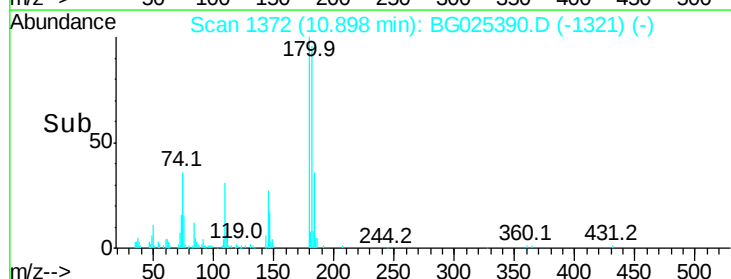
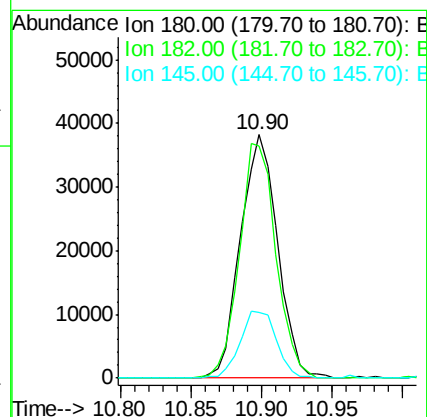
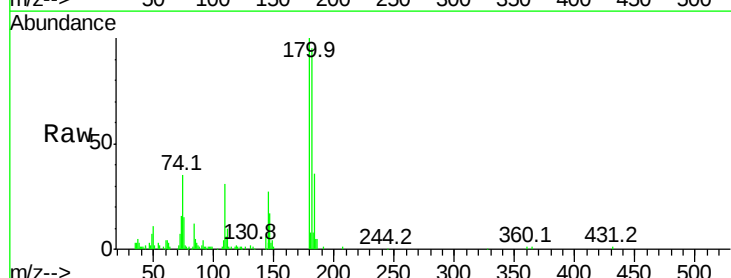
Tgt Ion:180 Resp: 70271

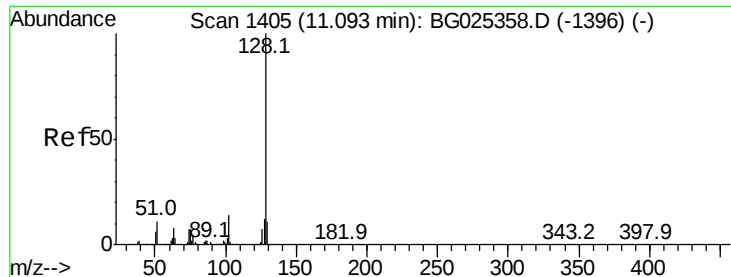
Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

145 26.9 23.4 35.0





#31

Naphthalene

Concen: 17.01 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

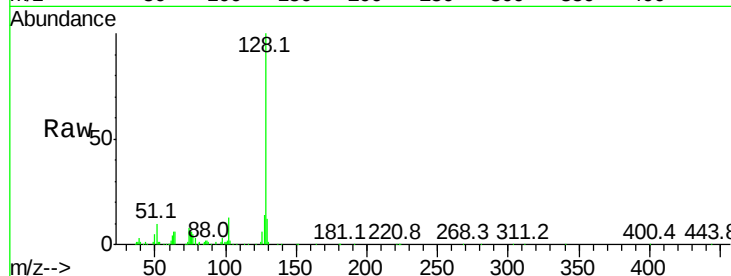
Tot Ion:128 Resp: 180744

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

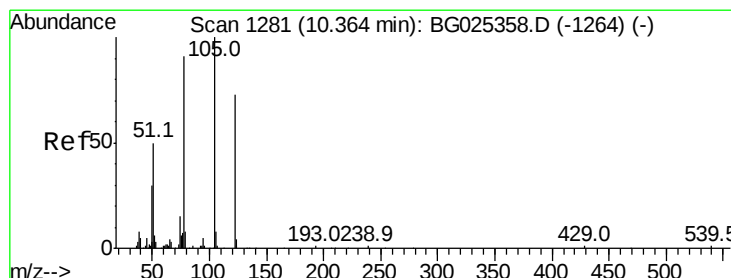
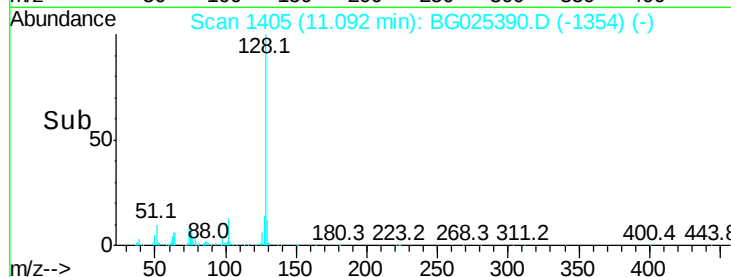
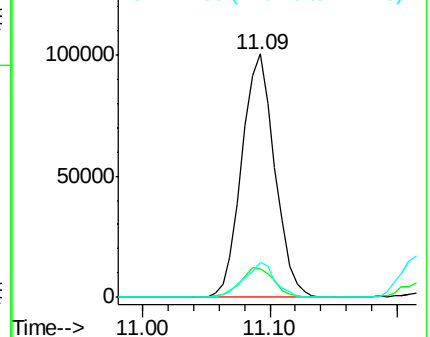
127 14.4 11.4 17.0



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: 17.77 ng

RT: 10.32 min Scan# 1273

Delta R.T. -0.05 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

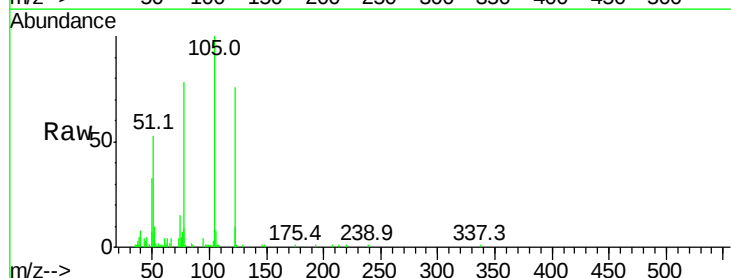
Tgt Ion:122 Resp: 47475

Ion Ratio Lower Upper

122 100

105 131.2 120.1 160.1

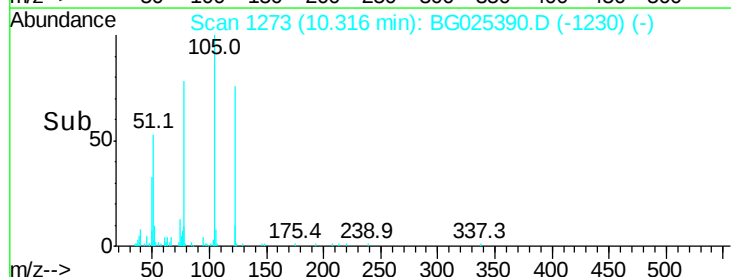
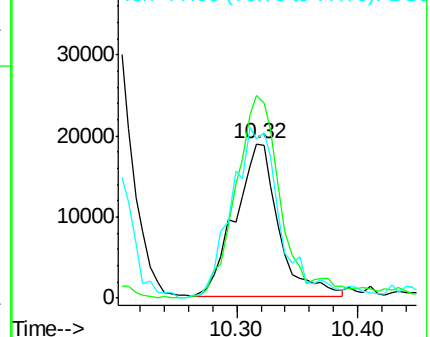
77 102.9 104.6 144.6#

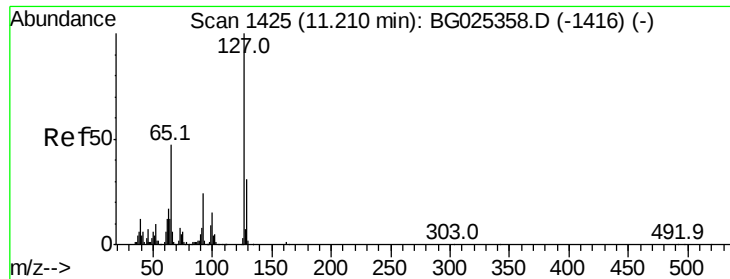


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

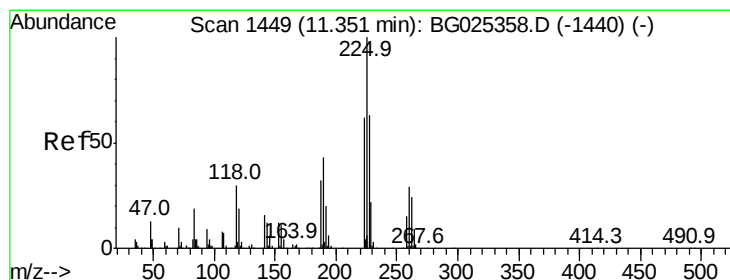
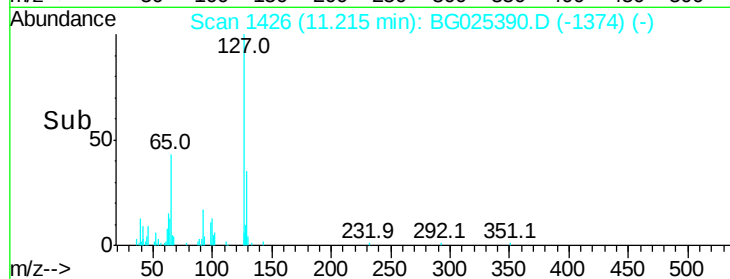
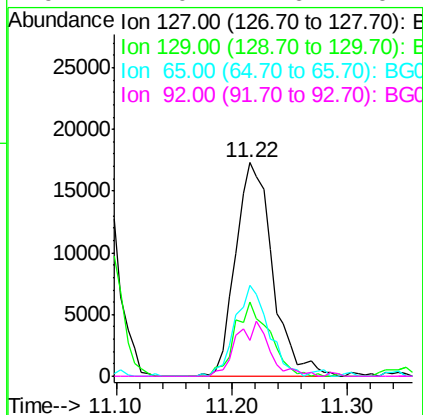
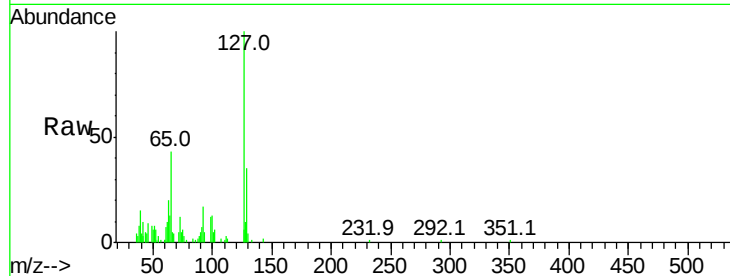




#33
4-Chloroaniline
Concen: 8.61 ng
RT: 11.22 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

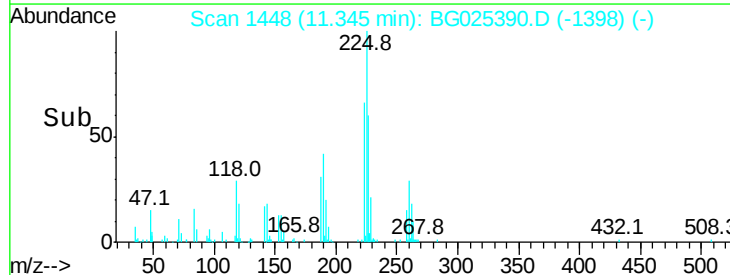
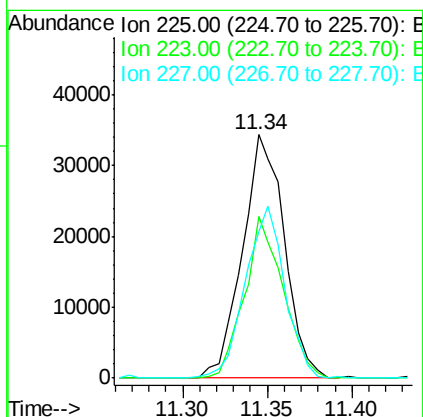
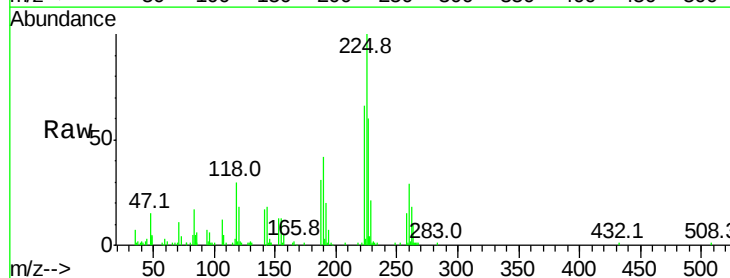
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

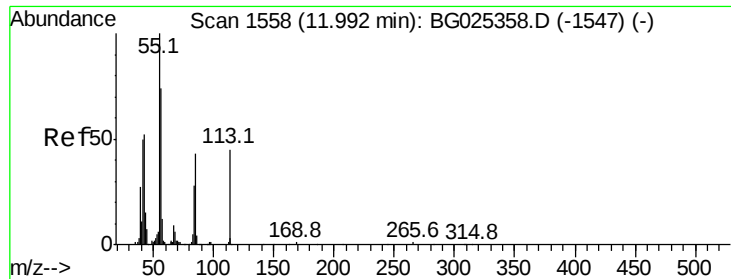
Tot Ion:127	Resp:	38485	
Ion Ratio	Lower	Upper	
127 100			
129 34.6	23.6	35.4	
65 42.5	37.7	56.5	
92 17.0	17.6	26.4#	



#34
Hexachlorobutadiene
Concen: 16.83 ng
RT: 11.34 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt	Ion:225	Resp:	58993
Ion	Ratio	Lower	Upper
225	100		
223	66.3	50.7	76.1
227	60.0	49.0	73.6





#35

Caprolactam

Concen: 15.51 ng

RT: 11.98 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

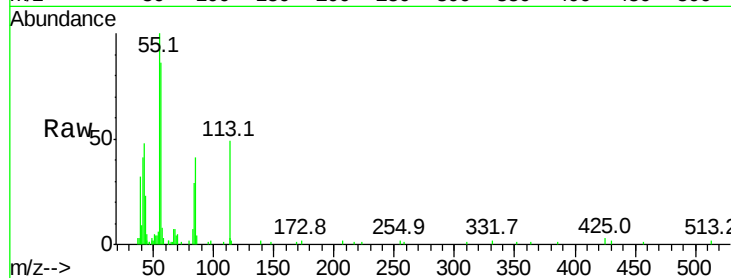
Tot Ion:113 Resp: 20722

Ion Ratio Lower Upper

113 100

55 205.6 198.6 238.6

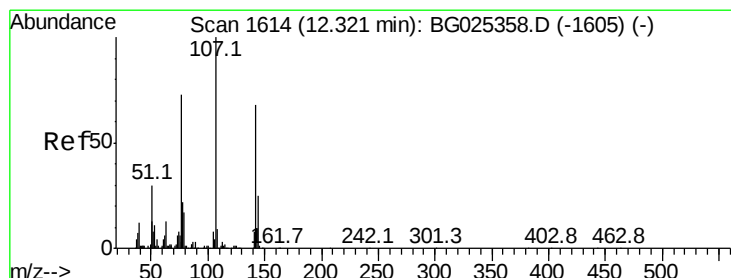
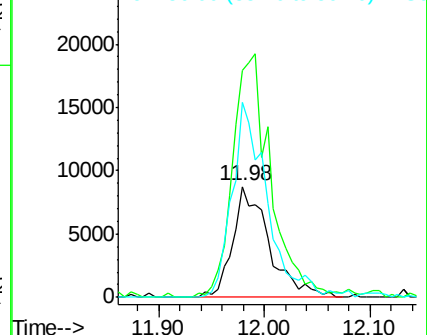
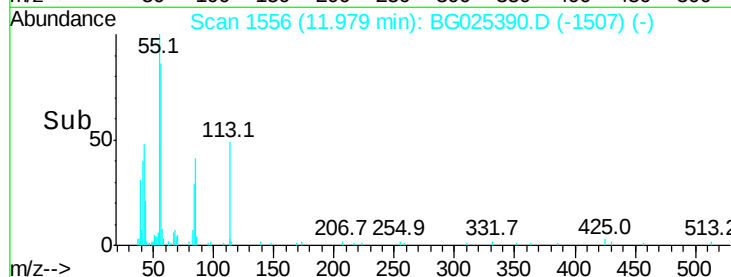
56 176.8 140.4 180.4



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: 17.28 ng

RT: 12.32 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

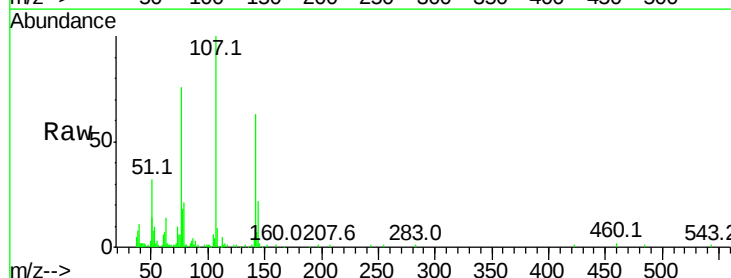
Tgt Ion:107 Resp: 75824

Ion Ratio Lower Upper

107 100

144 22.4 17.4 26.0

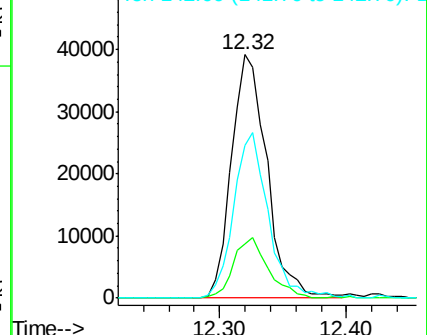
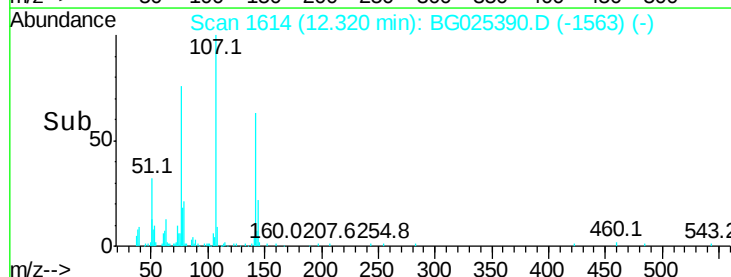
142 62.8 54.1 81.1

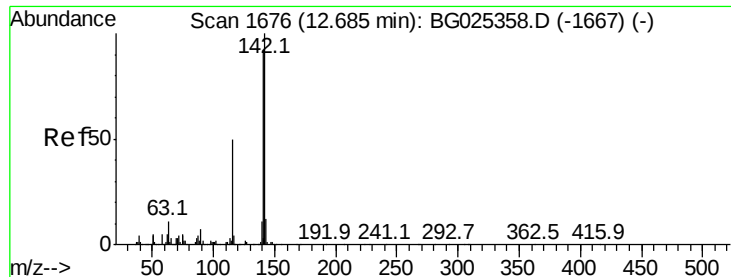


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 17.10 ng

RT: 12.68 min Scan# 1675

Delta R.T. -0.01 min

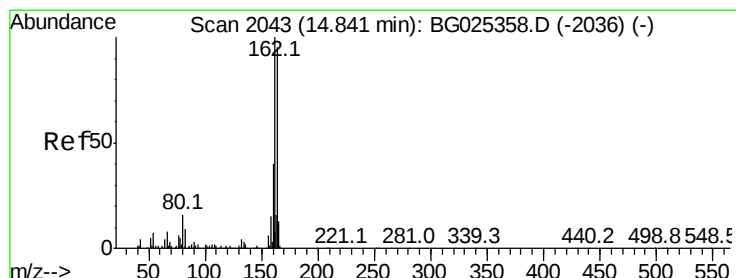
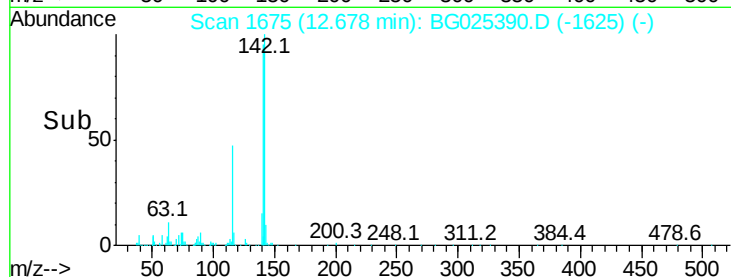
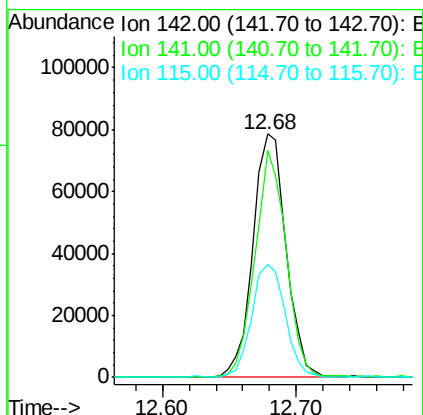
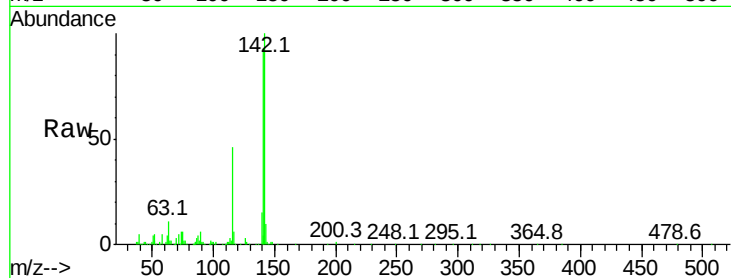
Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

Tot Ion:142 Resp: 134642

Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.4	105.6
115	46.4	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2042

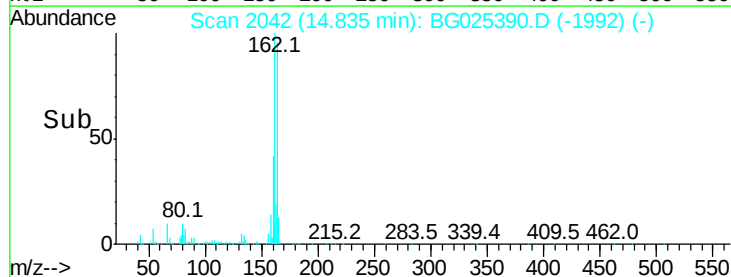
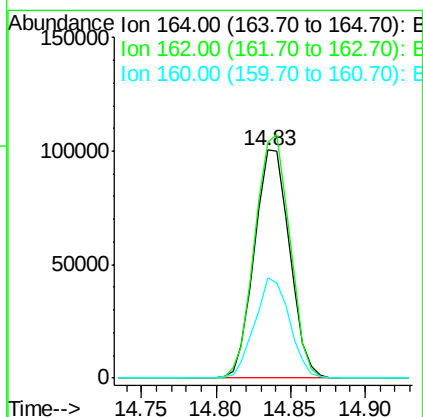
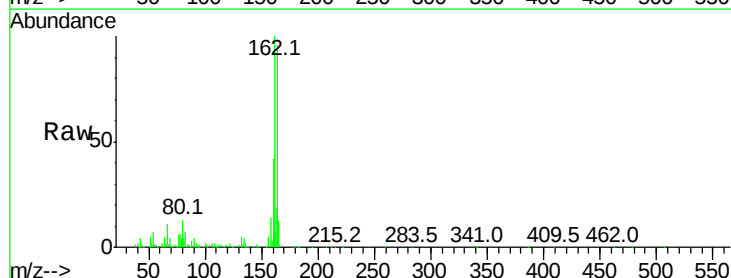
Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Tgt Ion:164 Resp: 163847

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	44.0	34.7	52.1

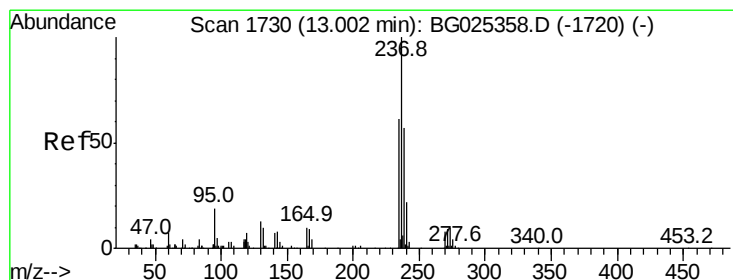
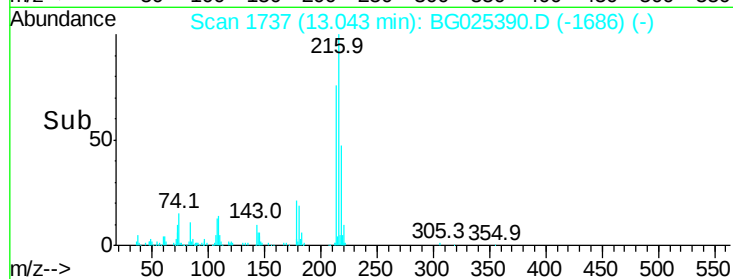
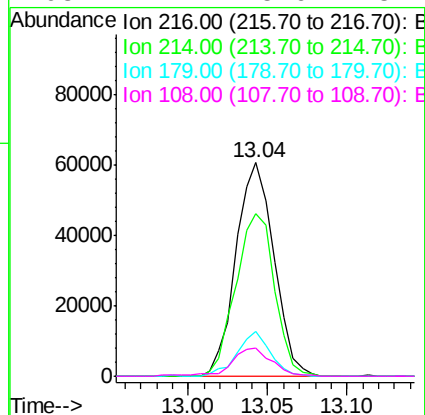
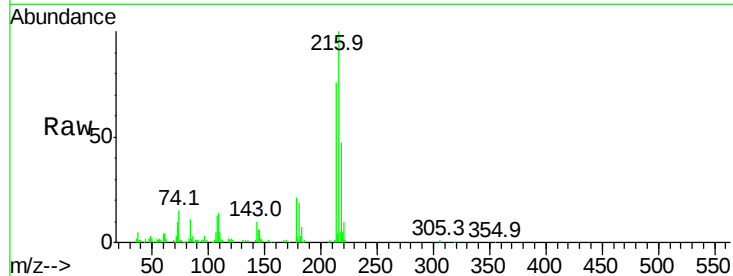




#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.61 ng
RT: 13.04 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

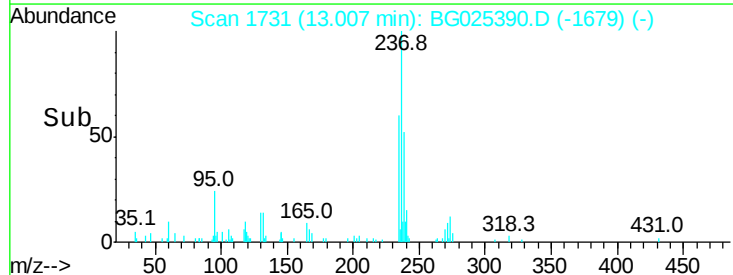
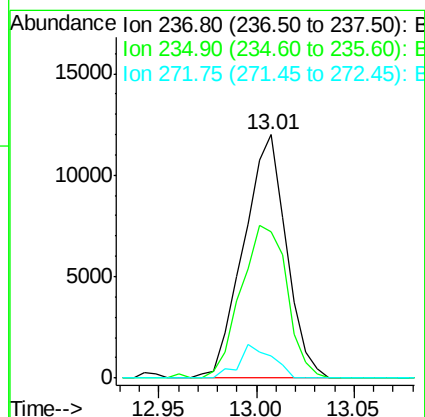
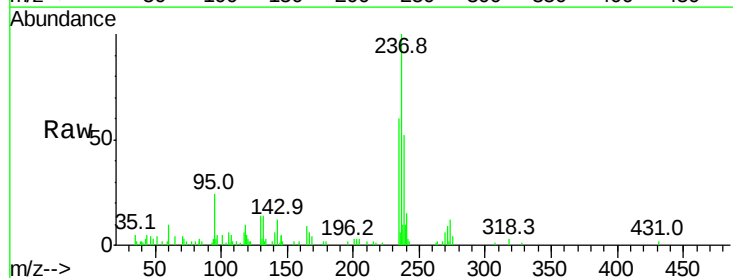
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

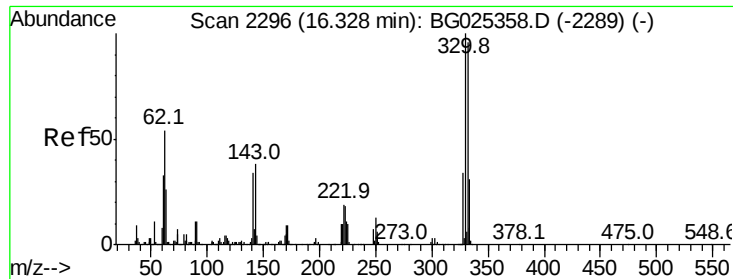
Tot Ion:	216	Resp:	100665
Ion Ratio		Lower	Upper
216	100		
214	77.7	64.4	96.6
179	18.5	17.4	26.0
108	14.1	15.6	23.4



#40
Hexachlorocyclopentadiene
Concen: 16.71 ng
RT: 13.01 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion:	237	Resp:	18140
Ion Ratio		Lower	Upper
237	100		
235	60.2	39.4	79.4
272	9.2	0.0	32.0

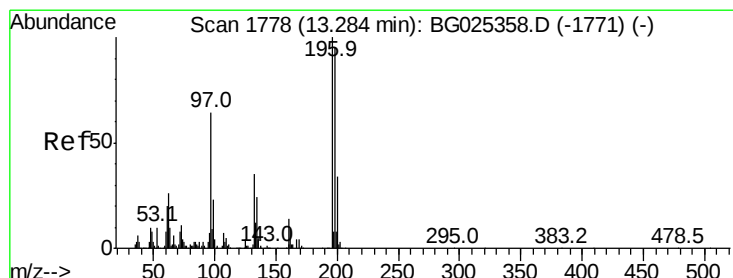
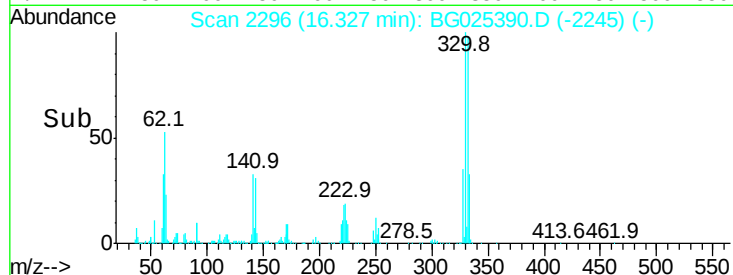
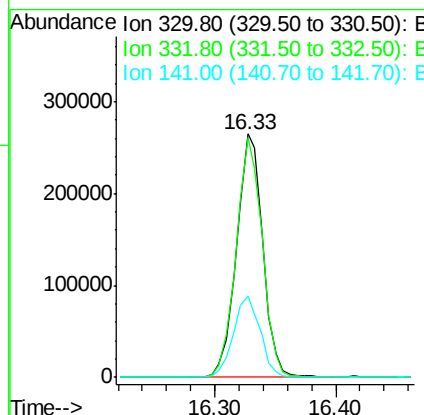
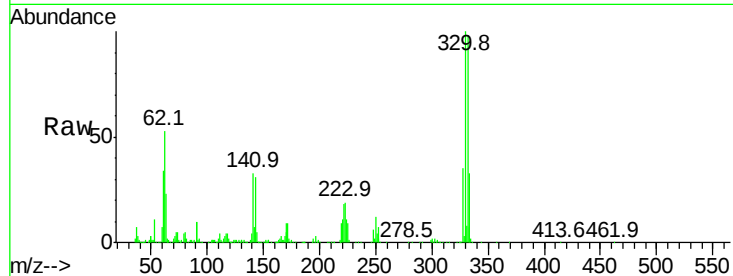




#41
 2,4,6-Tribromophenol
 Concen: 152.21 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

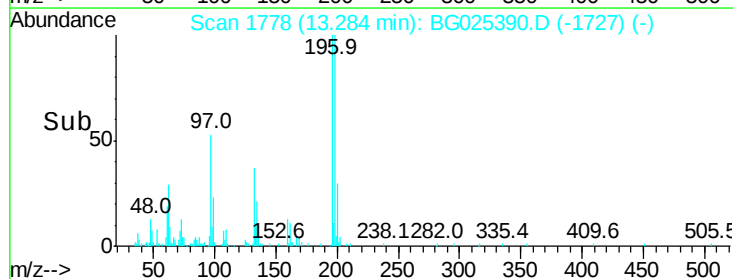
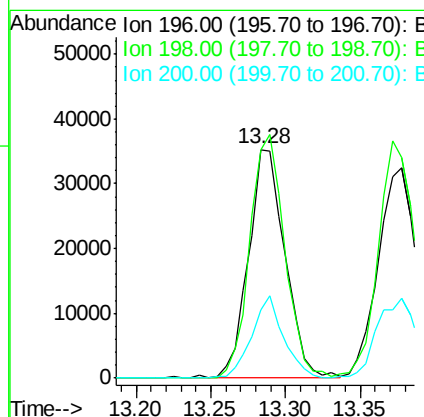
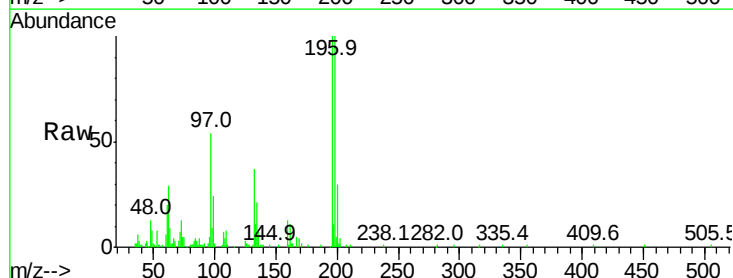
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

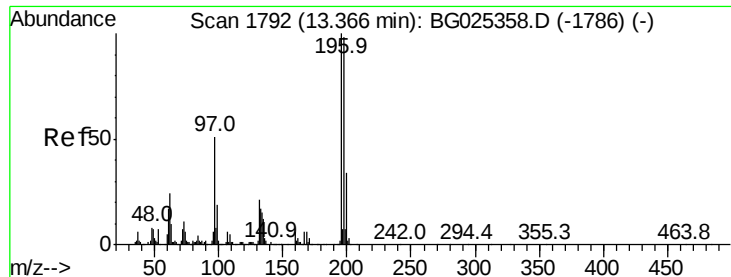
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	34.2	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 17.49 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	81.4	122.2
200	29.6	27.0	40.6

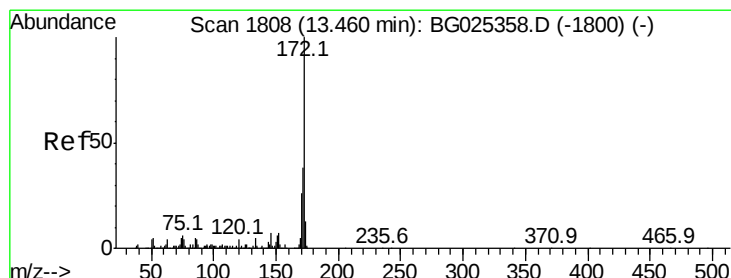
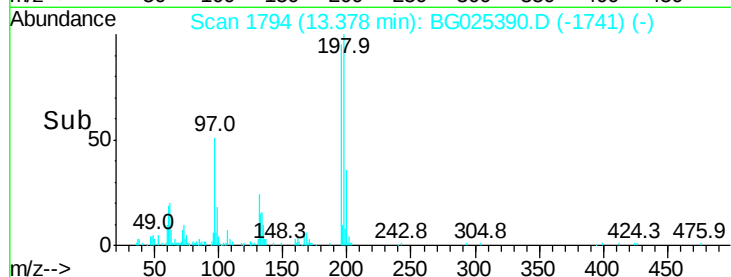
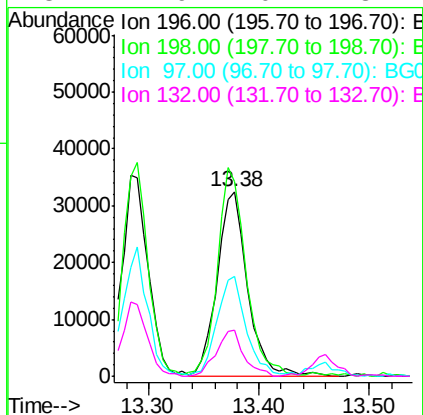
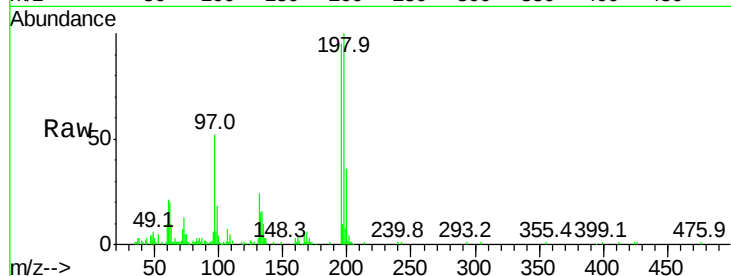




#43
 2,4,5-Trichlorophenol
 Concen: 17.50 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

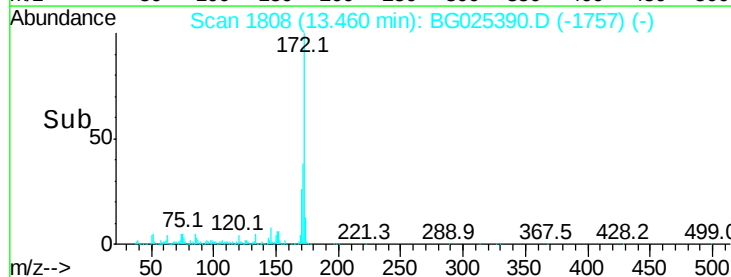
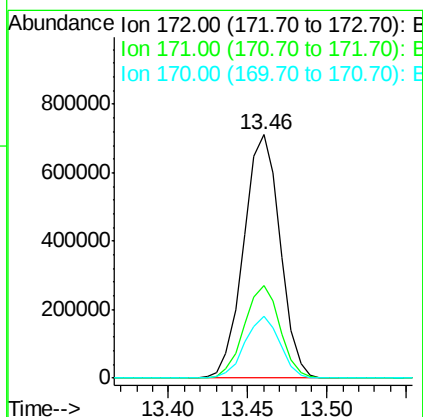
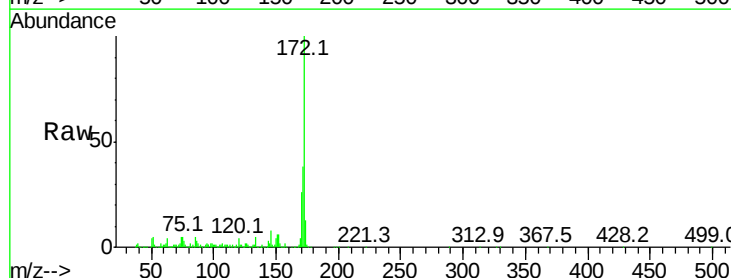
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

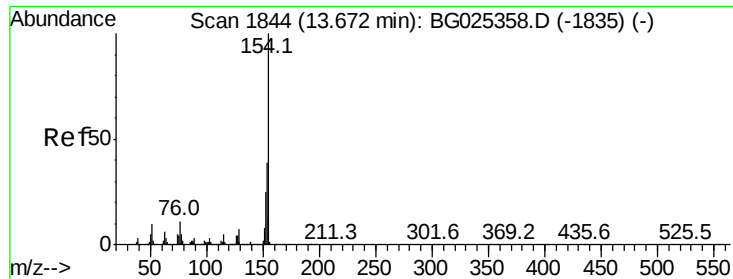
Tot Ion:196 Resp: 62389
 Ion Ratio Lower Upper
 196 100
 198 105.2 79.9 119.9
 97 54.4 45.4 68.0
 132 24.9 20.7 31.1



#44
 2-Fluorobiphenyl
 Concen: 112.11 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion:172 Resp: 1134610
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 25.6 21.8 32.6

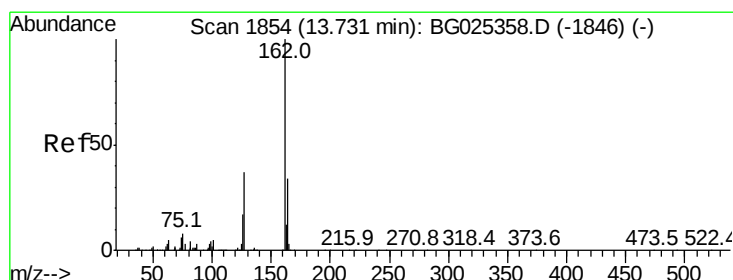
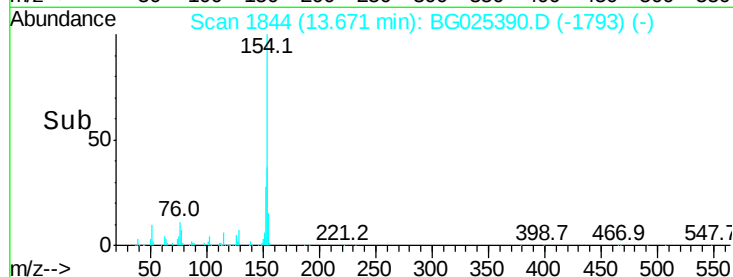
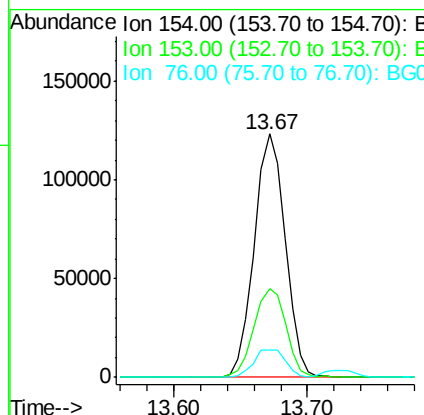
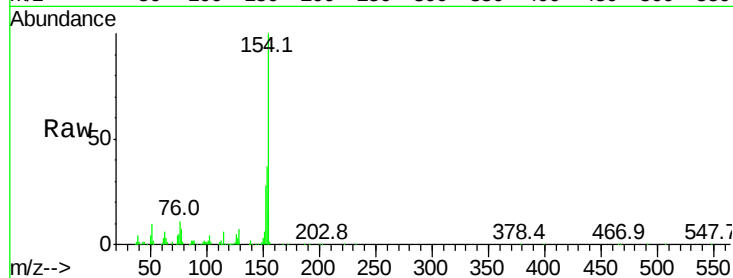




#45
 1,1'-Biphenyl
 Concen: 17.91 ng
 RT: 13.67 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

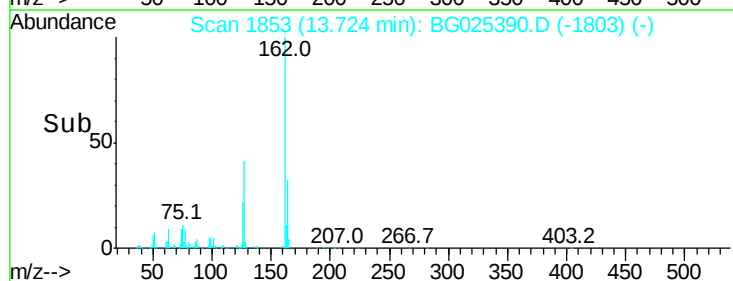
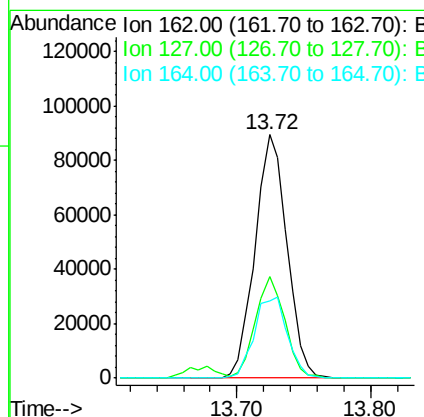
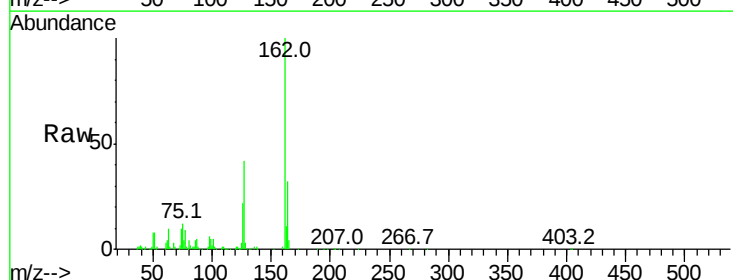
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

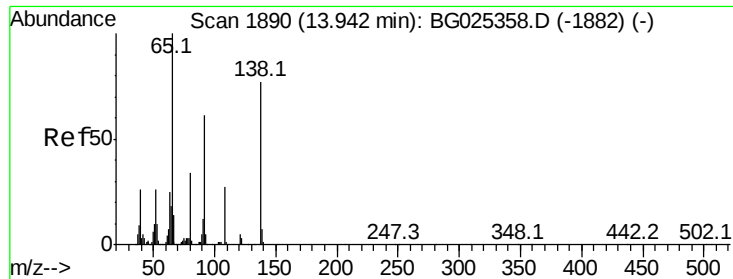
Tot Ion	Ratio	Lower	Upper
154	100		
153	36.5	23.0	63.0
76	11.2	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 17.09 ng
 RT: 13.72 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.2	48.4
164	31.6	27.3	40.9

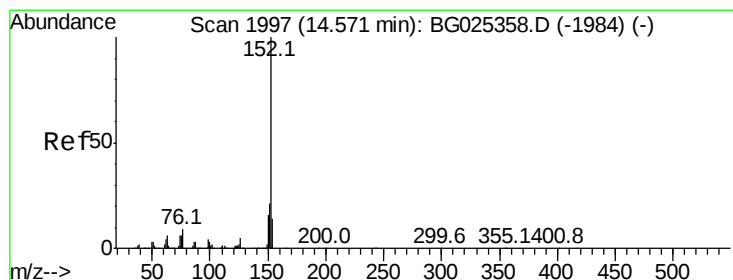
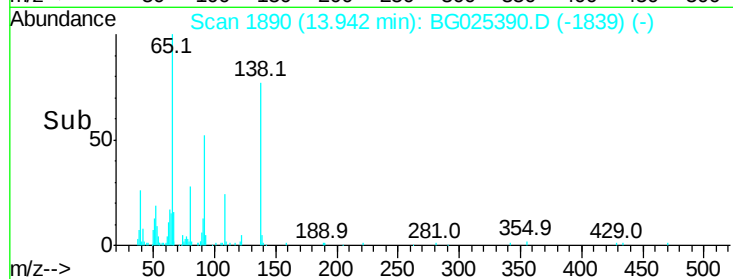
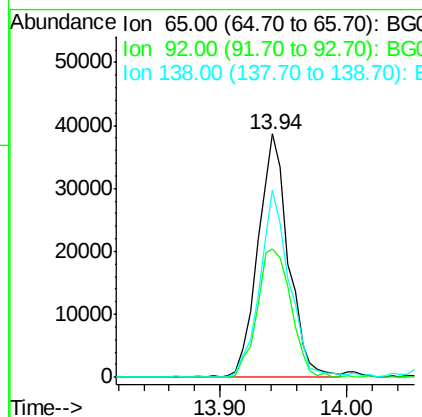
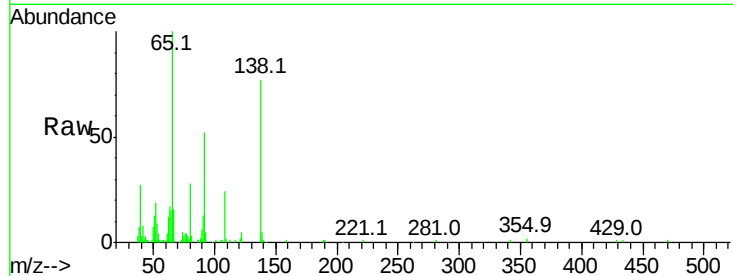




#47
2-Nitroaniline
Concen: 17.88 ng
RT: 13.94 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

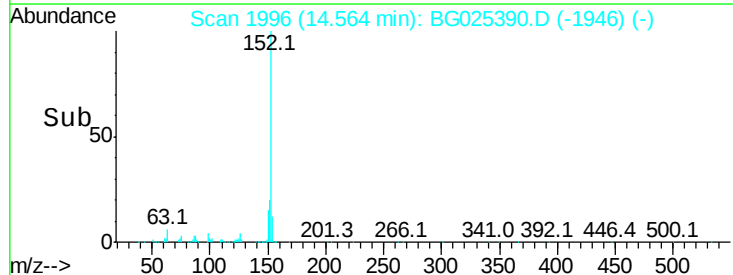
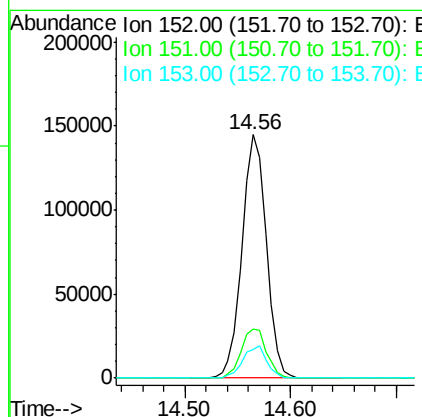
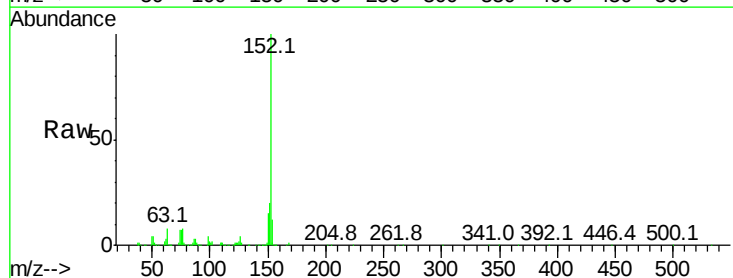
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

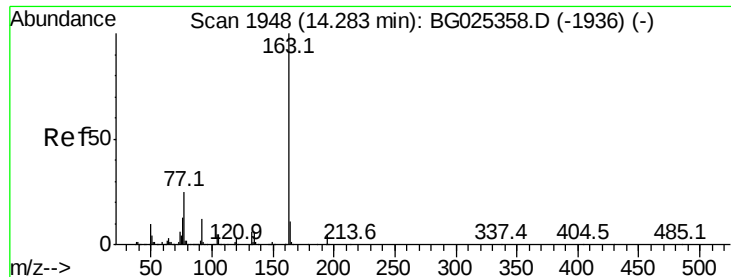
Tot Ion	Ratio	Lower	Upper
65	100		
92	52.5	49.0	73.4
138	76.8	58.6	87.8



#48
Acenaphthylene
Concen: 17.25 ng
RT: 14.56 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	18.2	27.2
153	12.0	11.3	16.9

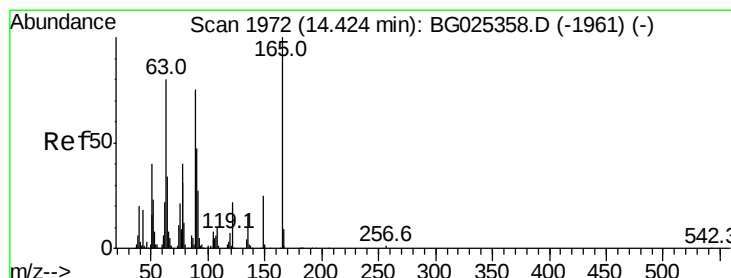
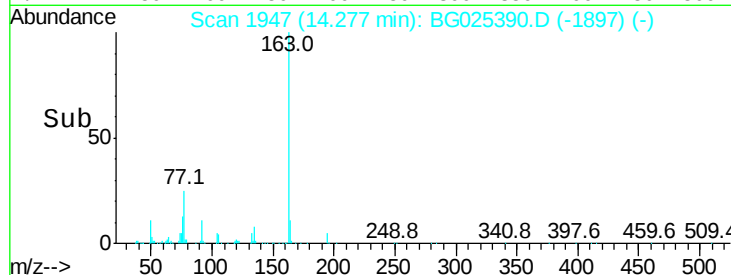
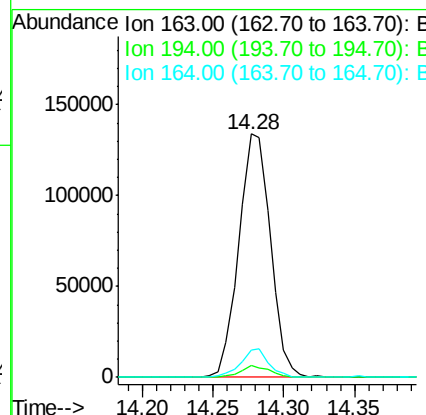
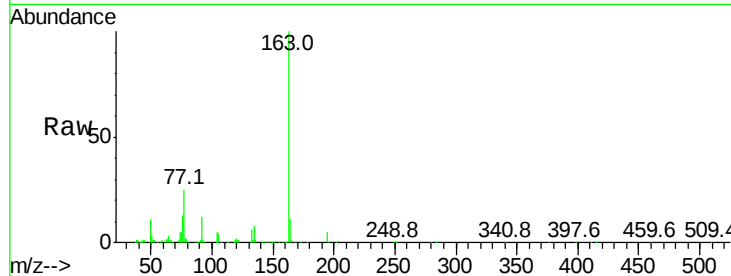




#49
Dimethylphthalate
Concen: 17.59 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

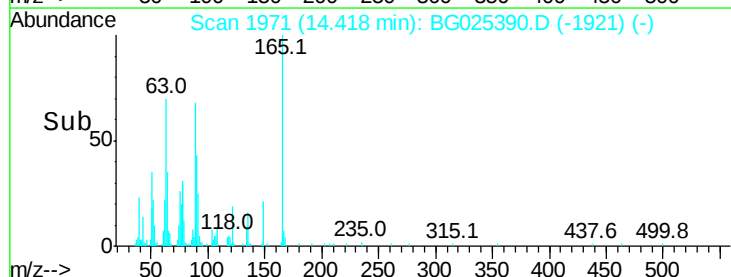
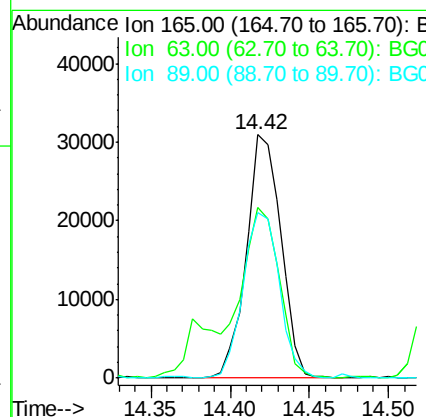
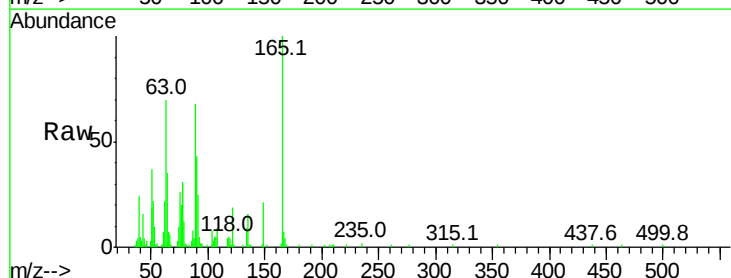
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

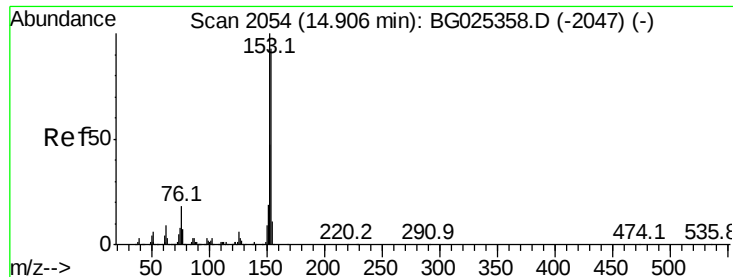
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	11.4	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 17.97 ng
RT: 14.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.8	63.9	95.9
89	68.2	58.6	88.0





#51

Acenaphthene

Concen: 17.58 ng

RT: 14.90 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

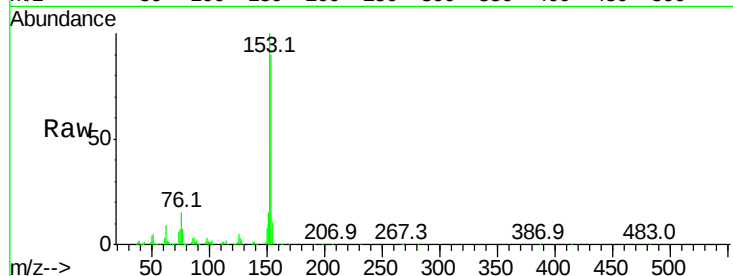
Tot Ion:154 Resp: 153468

Ion Ratio Lower Upper

154 100

153 111.0 87.8 131.6

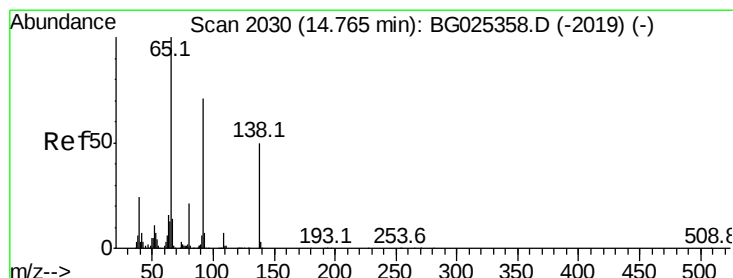
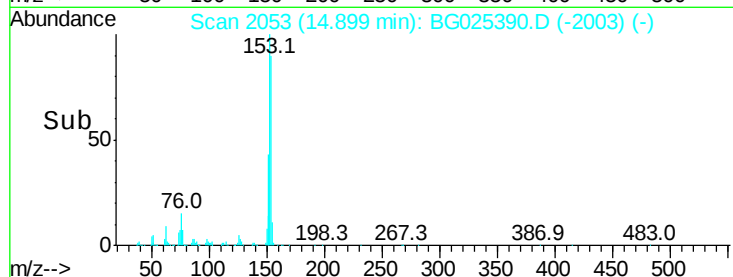
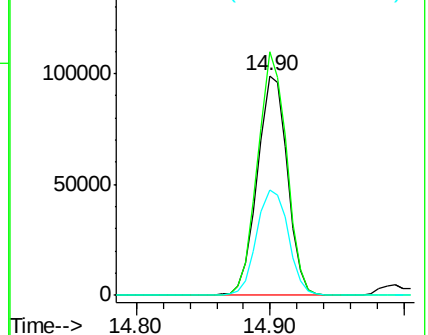
152 48.2 42.2 63.4



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: 13.48 ng

RT: 14.77 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

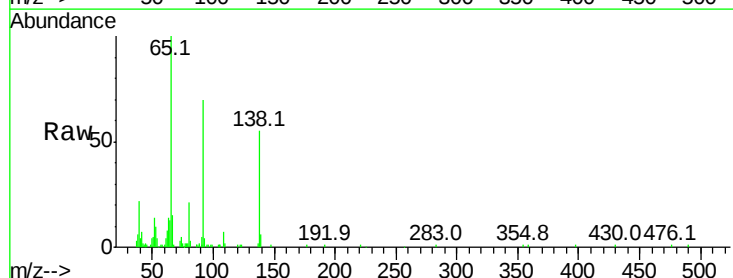
Tgt Ion:138 Resp: 33811

Ion Ratio Lower Upper

138 100

108 12.8 10.9 16.3

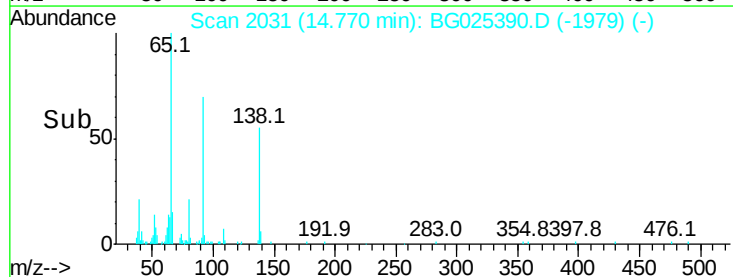
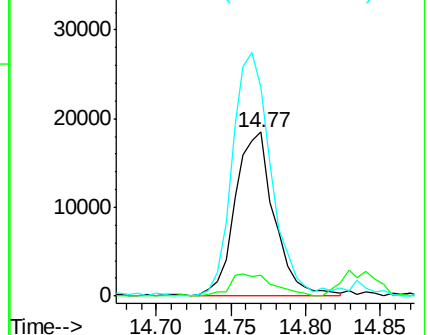
92 127.8 115.3 172.9

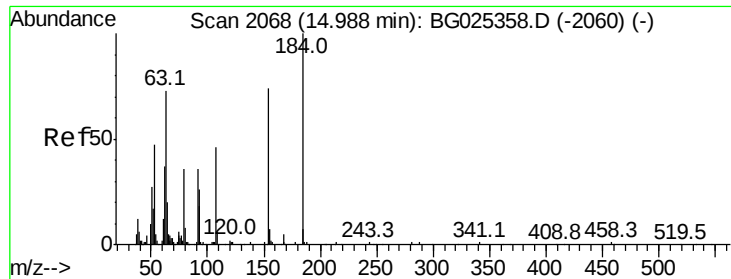


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 11.99 ng

RT: 14.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

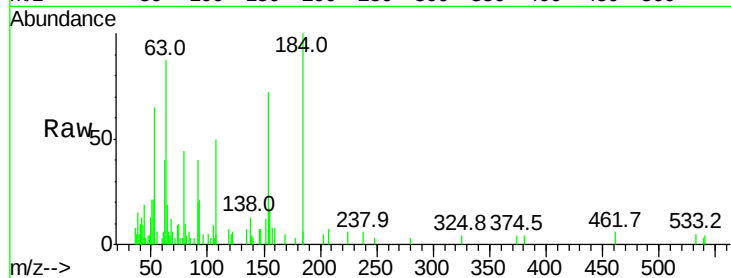
Tot Ion:184 Resp: 12637

Ion Ratio Lower Upper

184 100

63 86.5 52.7 79.1#

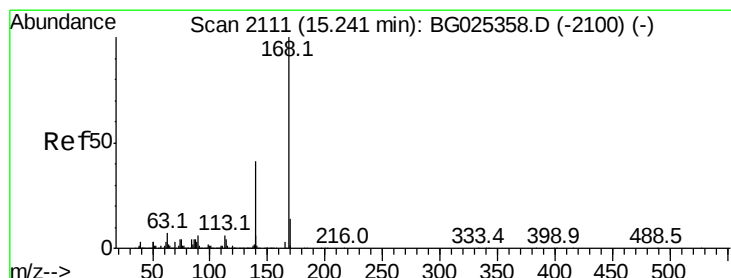
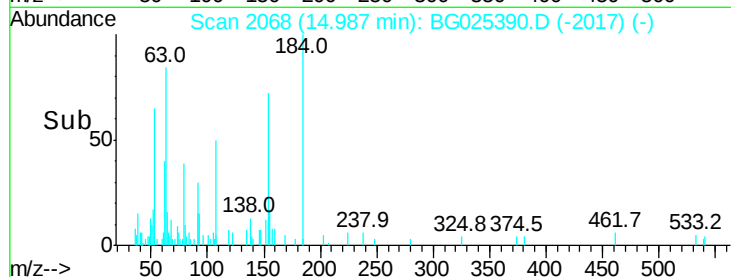
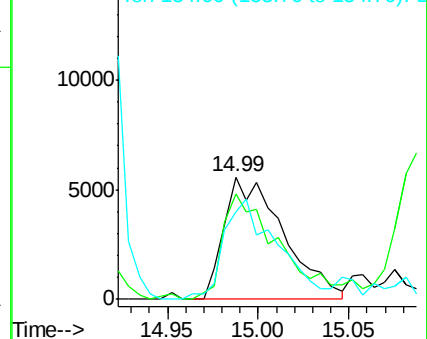
154 71.6 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 17.93 ng

RT: 15.23 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

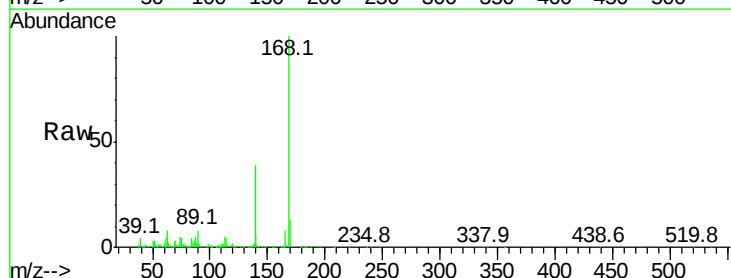
Tgt Ion:168 Resp: 247375

Ion Ratio Lower Upper

168 100

139 38.8 35.3 52.9

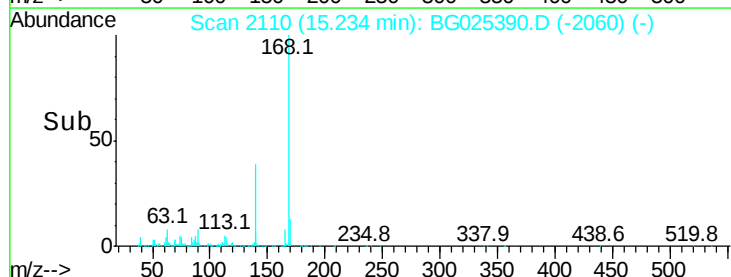
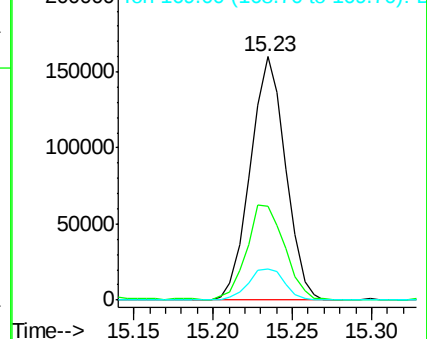
169 13.0 11.5 17.3

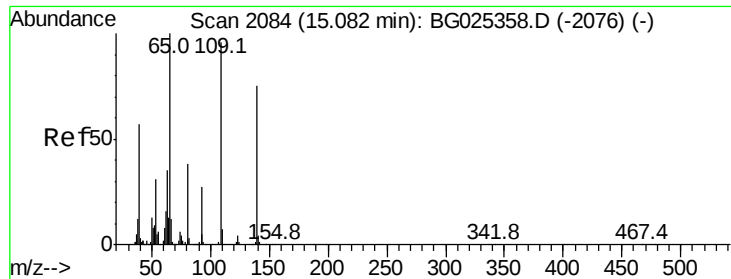


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

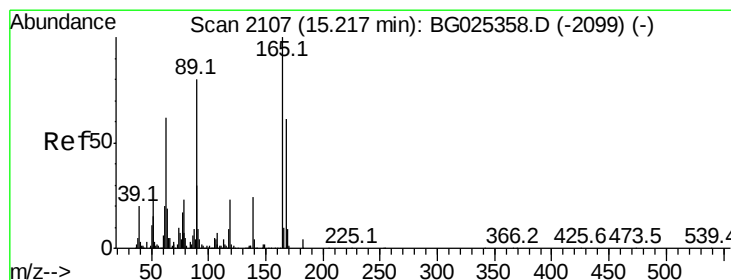
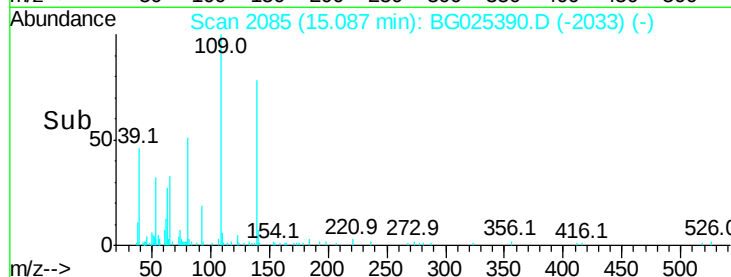
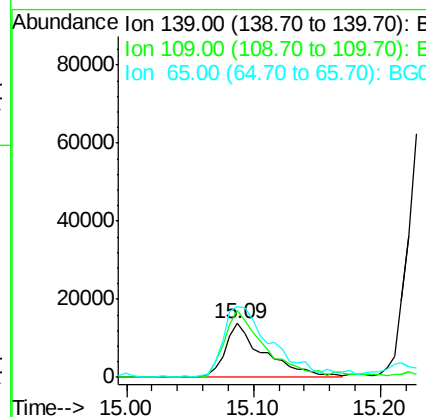
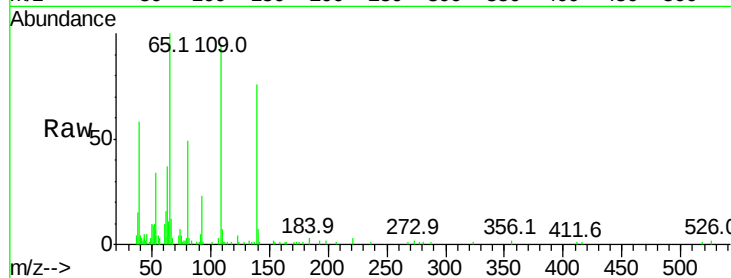




#55
4-Nitrophenol
Concen: 15.92 ng
RT: 15.09 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

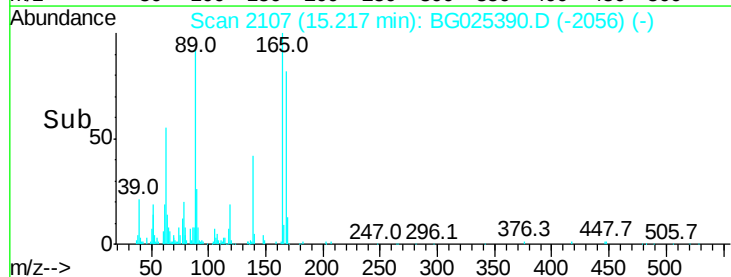
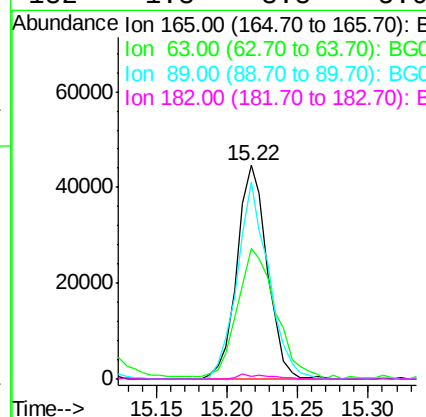
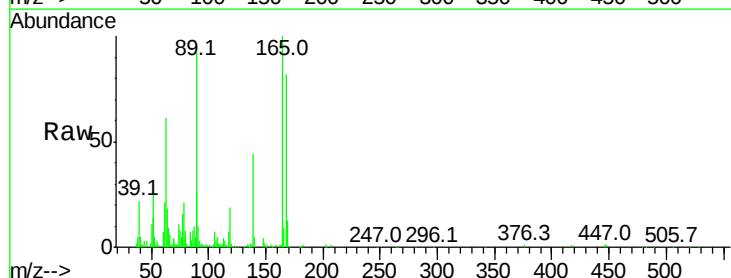
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

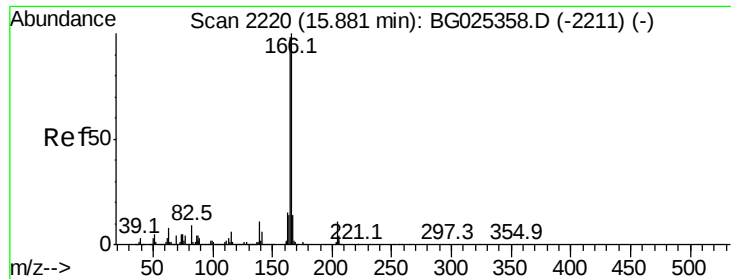
Tot Ion:139 Resp: 29822
Ion Ratio Lower Upper
139 100
109 124.0 101.2 141.2
65 132.0 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 17.53 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion:165 Resp: 66596
Ion Ratio Lower Upper
165 100
63 61.2 44.0 66.0
89 92.1 67.3 100.9
182 1.3 3.8 5.6#





#57

Fluorene

Concen: 17.78 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

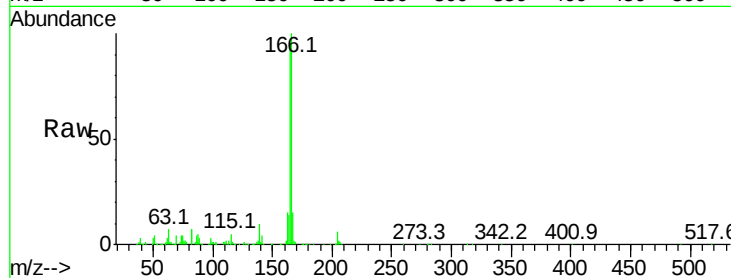
Tot Ion:166 Resp: 205423

Ion Ratio Lower Upper

166 100

165 95.8 78.6 117.8

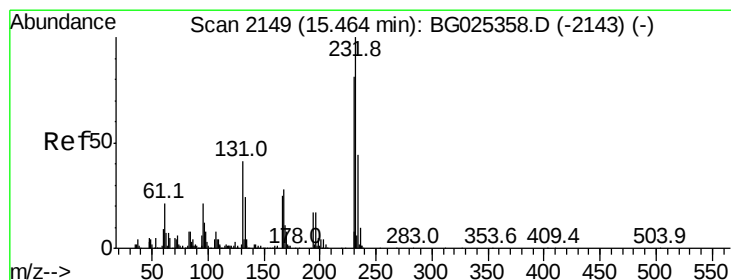
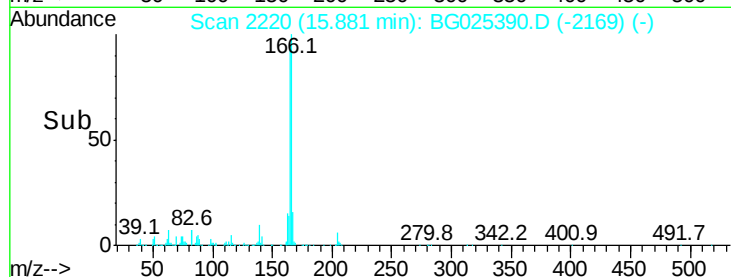
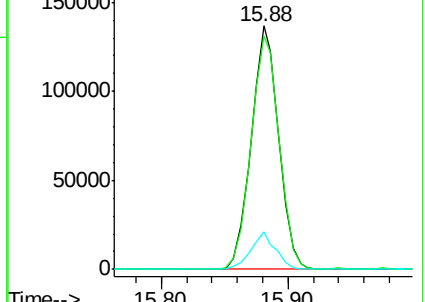
167 15.5 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 16.74 ng

RT: 15.46 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Tgt Ion:232 Resp: 63931

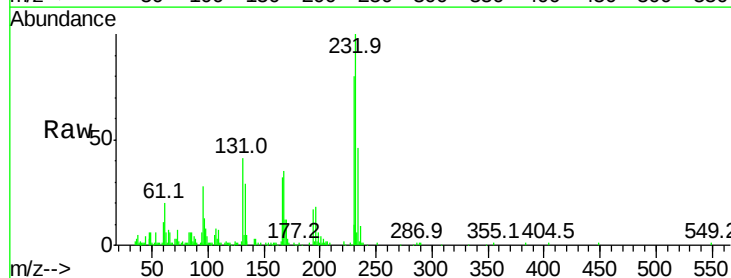
Ion Ratio Lower Upper

232 100

131 40.0 34.9 52.3

130 2.1 2.3 3.5#

166 29.0 24.2 36.4

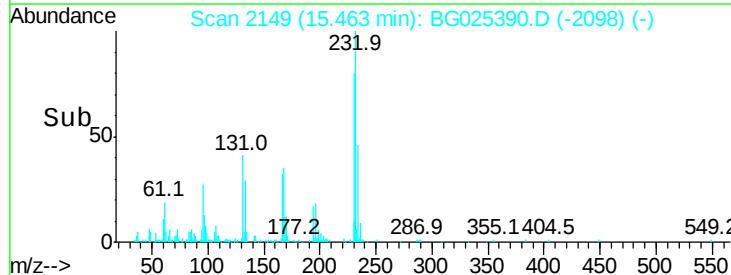
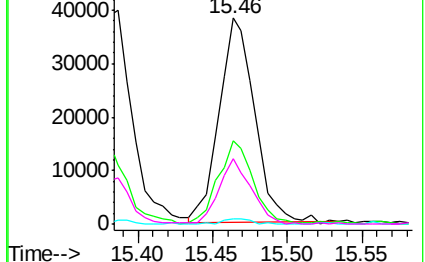


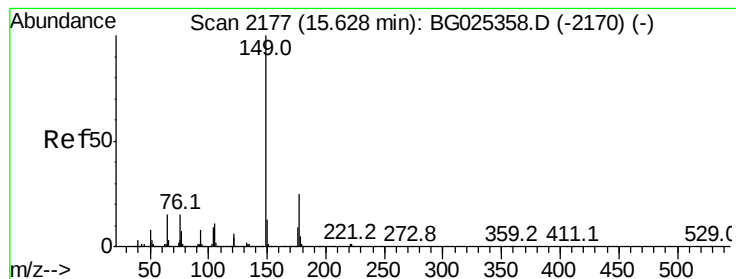
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 17.53 ng

RT: 15.63 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

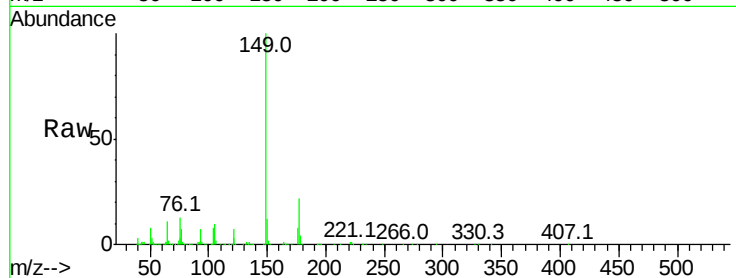
BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

Tot Ion:149 Resp: 219546

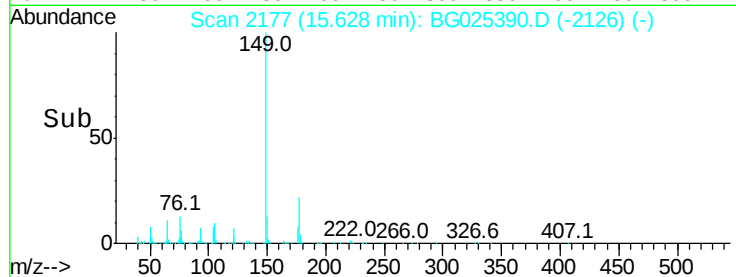
Ion	Ratio	Lower	Upper
149	100		
177	22.2	20.1	30.1
150	12.5	10.2	15.2



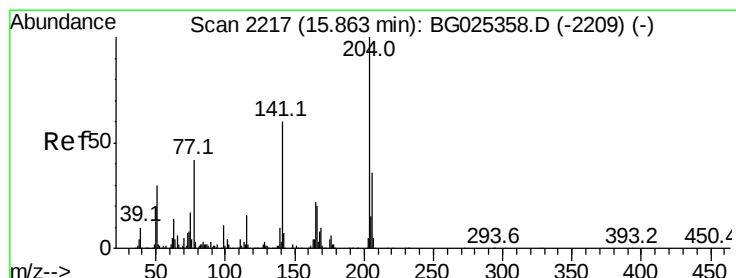
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time--> 15.55 15.60 15.65 15.70



#60

4-Chlorophenyl-phenylether

Concen: 18.37 ng

RT: 15.86 min Scan# 2217

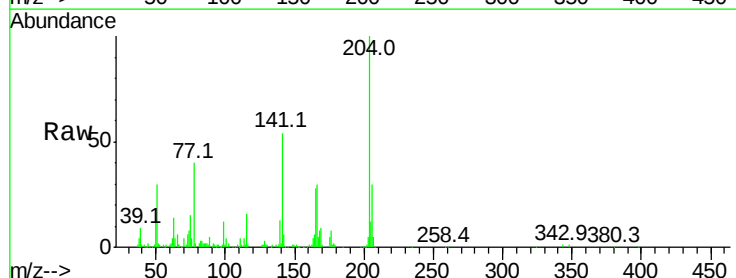
Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Tgt Ion:204 Resp: 120270

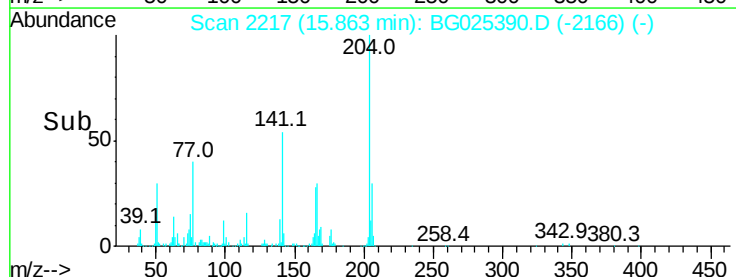
Ion	Ratio	Lower	Upper
204	100		
206	30.0	30.1	45.1#
141	53.8	50.6	76.0



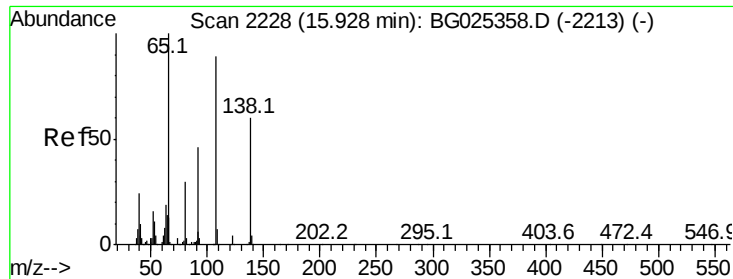
Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



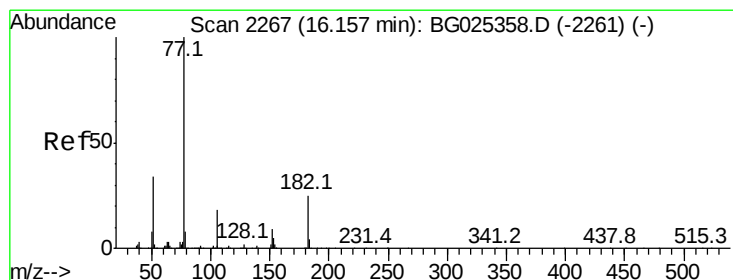
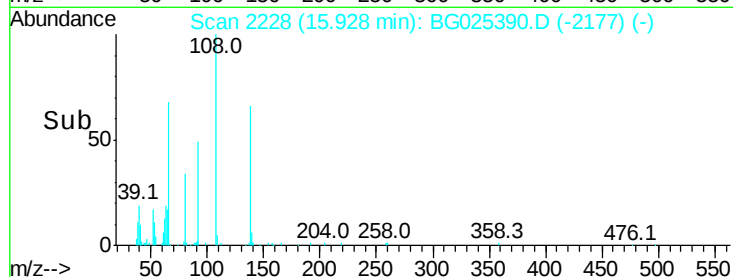
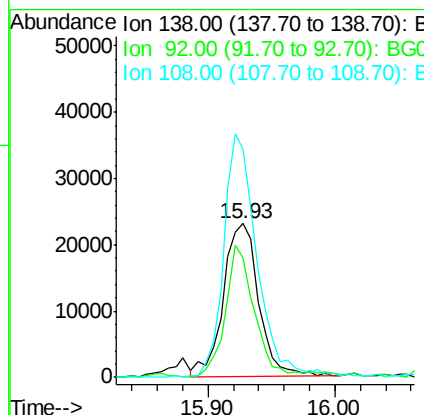
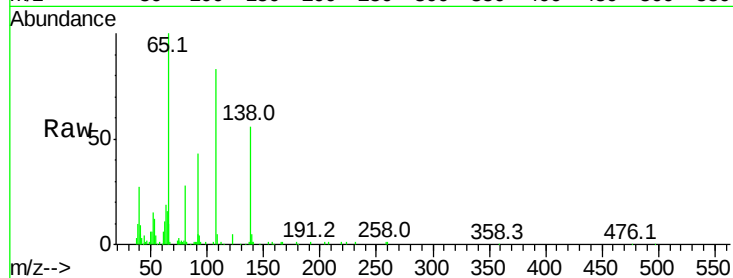
Time--> 15.80 15.85 15.90



#61
4-Nitroaniline
Concen: 17.58 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

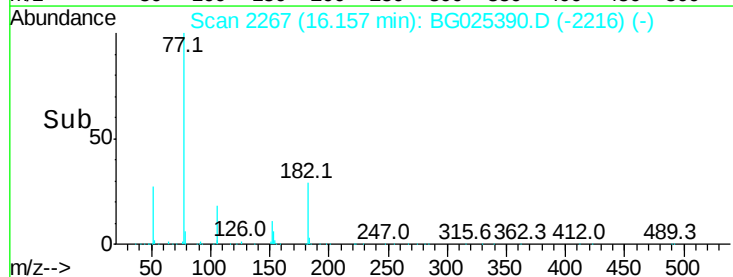
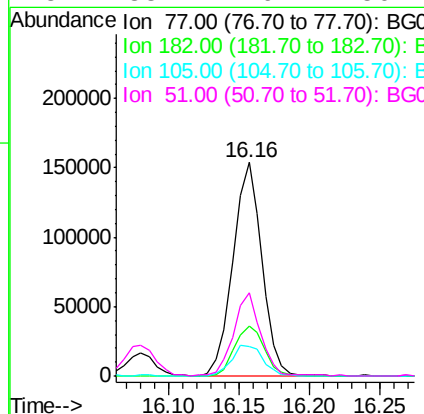
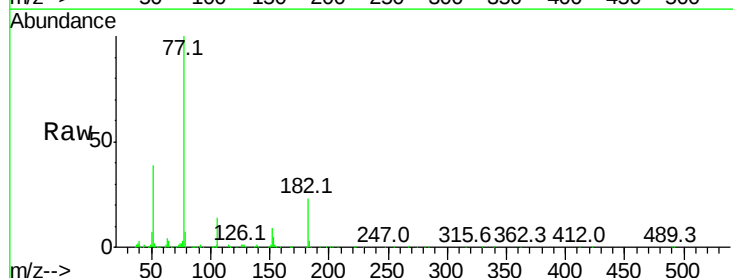
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

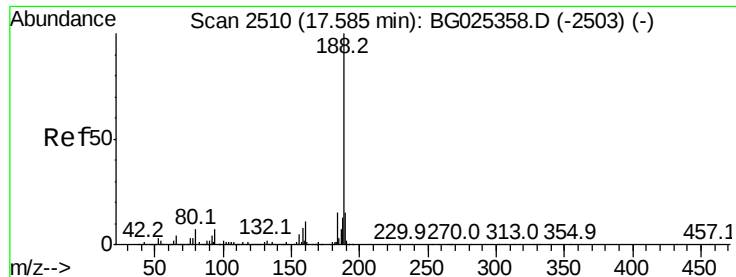
Tot Ion:138 Resp: 44368
Ion Ratio Lower Upper
138 100
92 77.9 44.2 84.2
108 148.9 104.8 144.8#



#62
Azobenzene
Concen: 18.18 ng
RT: 16.16 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion: 77 Resp: 219666
Ion Ratio Lower Upper
77 100
182 23.3 4.7 44.7
105 14.1 0.0 36.3
51 38.7 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

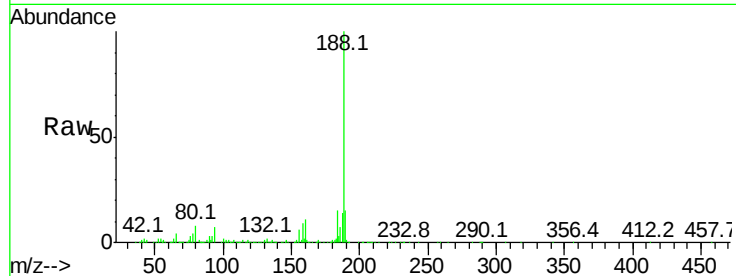
Tot Ion:188 Resp: 380206

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

80 7.7 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

300000

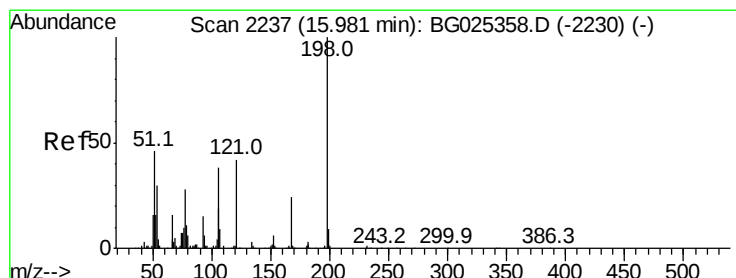
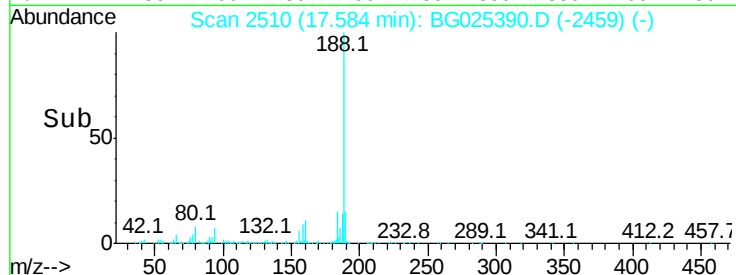
200000

100000

0

17.50 17.60 17.70

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 16.24 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

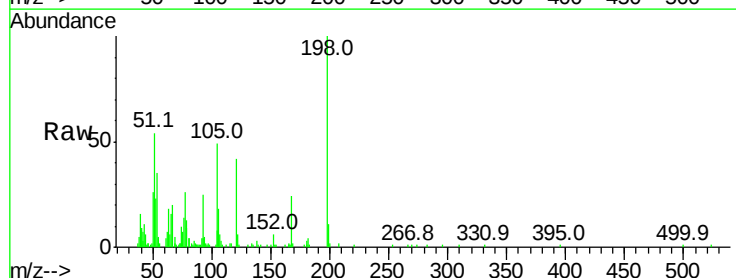
Tgt Ion:198 Resp: 42765

Ion Ratio Lower Upper

198 100

51 54.2 22.6 62.6

105 48.8 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

30000

25000

20000

15000

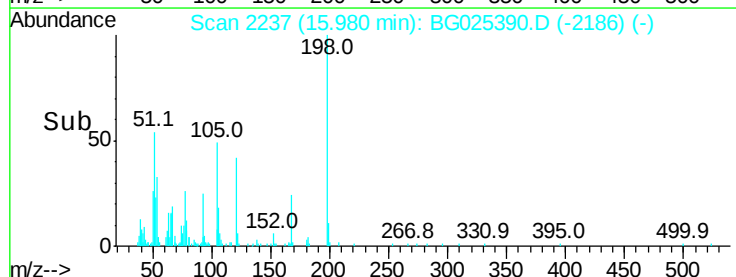
10000

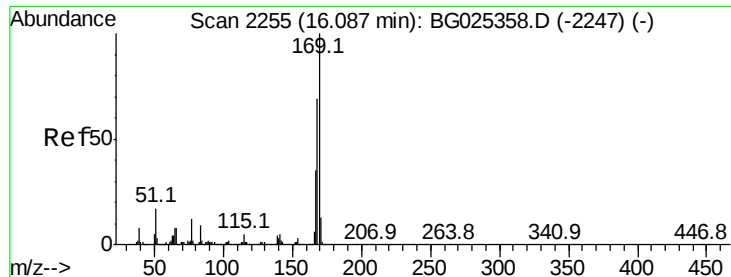
5000

0

15.90 16.00 16.10

Time-->

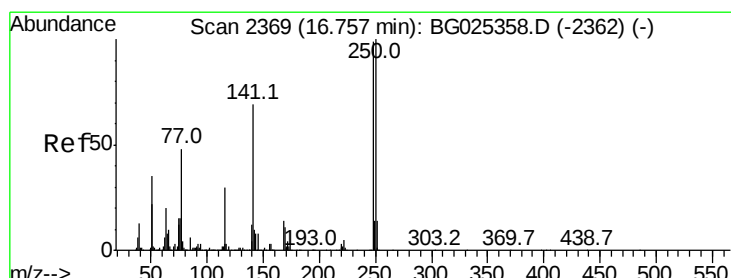
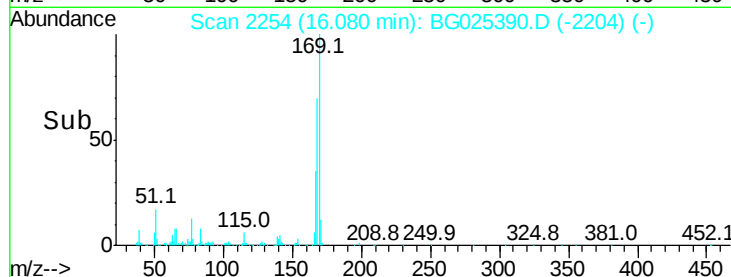
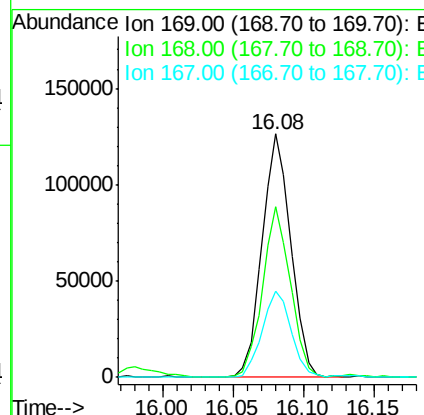
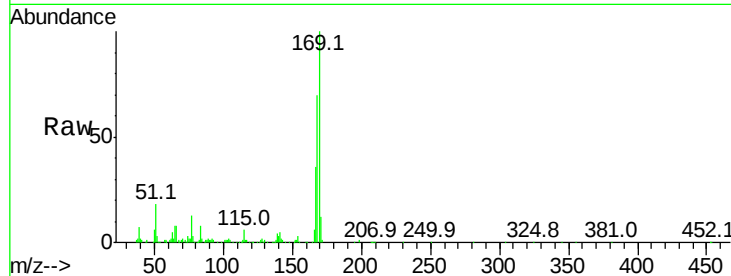




#65
n-Nitrosodiphenylamine
Concen: 17.71 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

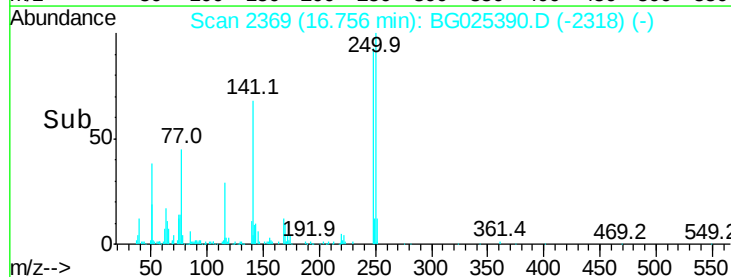
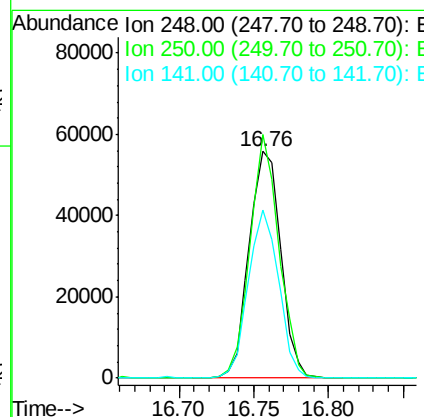
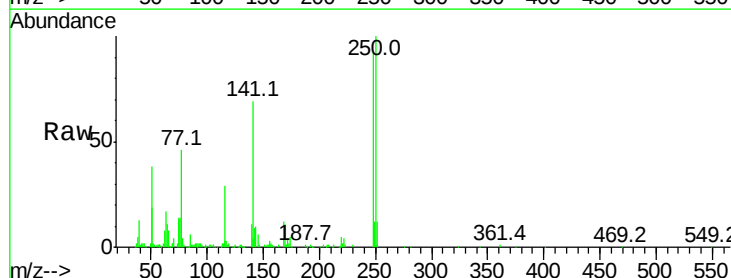
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

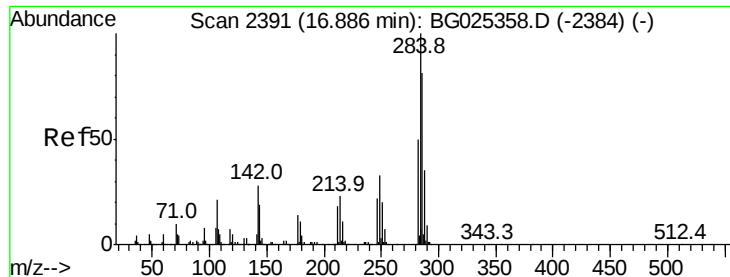
Tot Ion:169 Resp: 181997
Ion Ratio Lower Upper
169 100
168 70.0 55.7 83.5
167 35.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 17.44 ng
RT: 16.76 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion:248 Resp: 81786
Ion Ratio Lower Upper
248 100
250 107.5 75.0 112.6
141 74.0 55.2 82.8

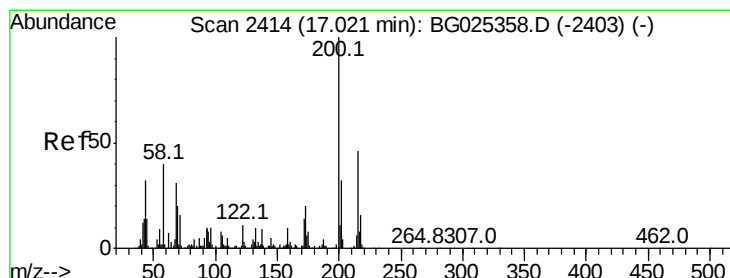
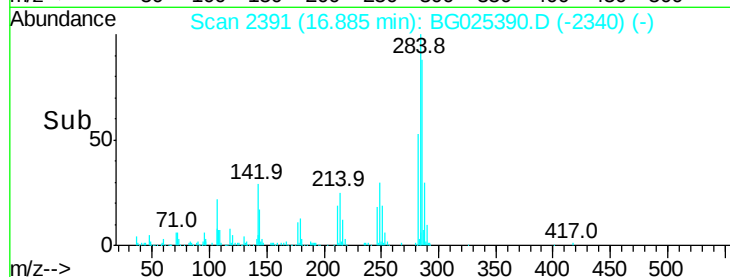
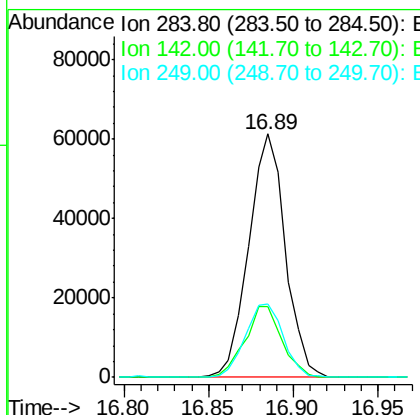
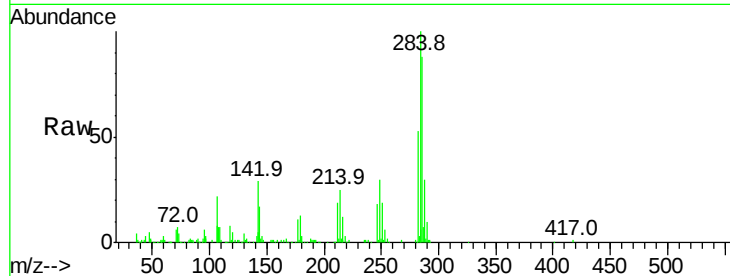




#67
Hexachlorobenzene
Concen: 17.08 ng
RT: 16.89 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

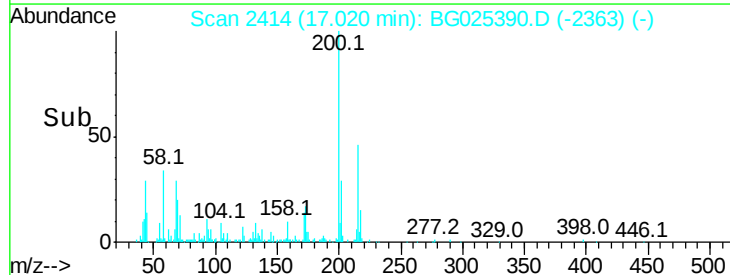
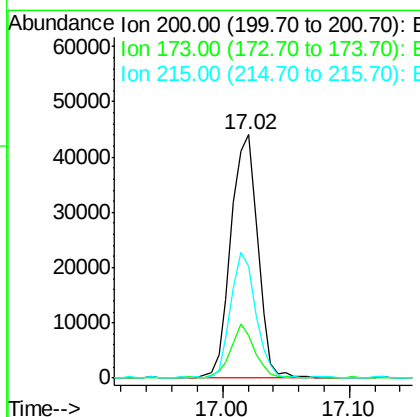
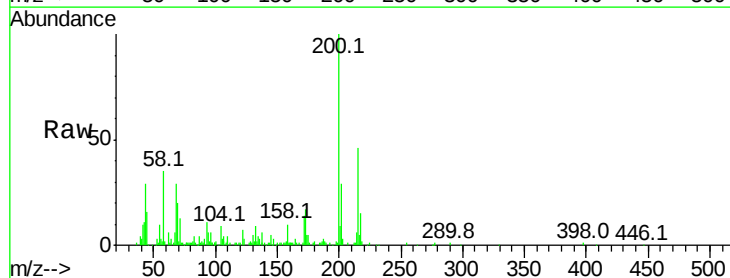
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

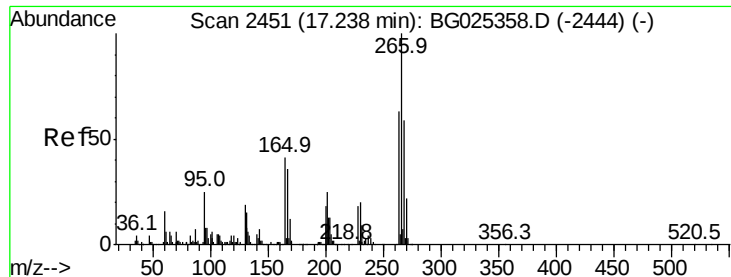
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.0	29.9	44.9#
249	32.3	29.2	43.8



#68
Atrazine
Concen: 14.26 ng
RT: 17.02 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	17.3	3.0	43.0
215	45.7	28.4	68.4

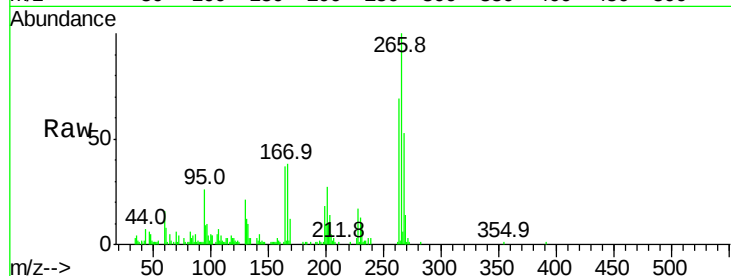




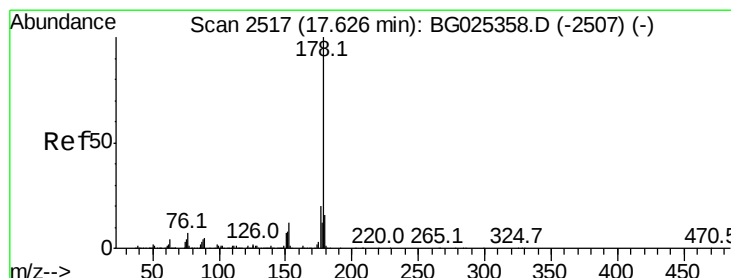
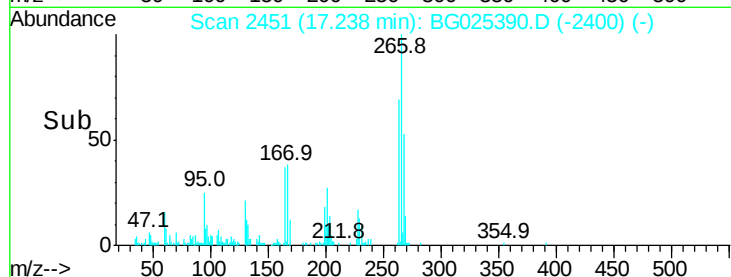
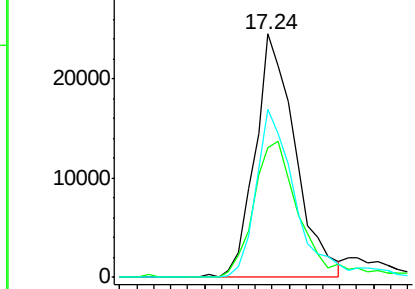
#69
 Pentachlorophenol
 Concen: 14.46 ng
 RT: 17.24 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

Tot Ion	Ratio	Lower	Upper
266	100		
268	55.5	48.6	72.8
264	68.9	50.1	75.1

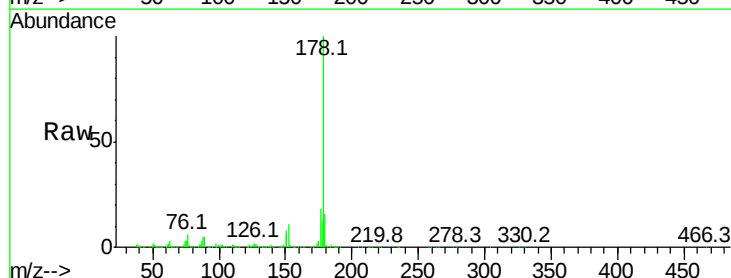


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

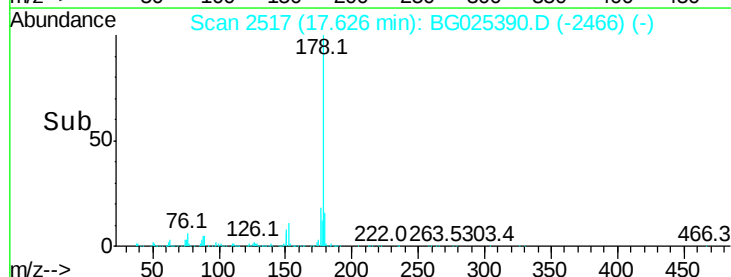
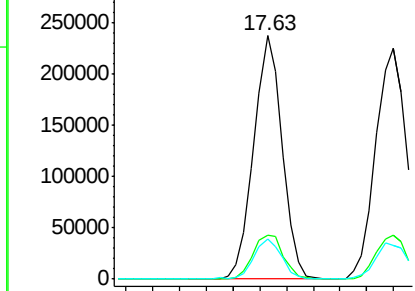


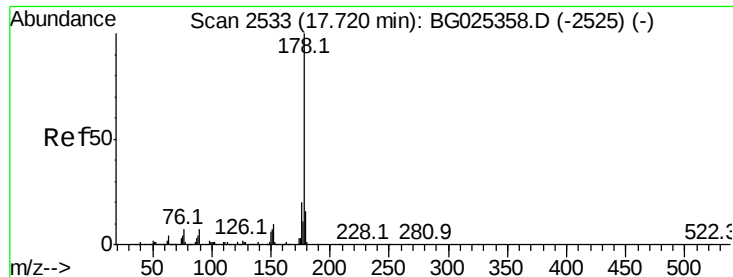
#70
 Phenanthrene
 Concen: 17.73 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	17.7	26.5
179	16.2	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

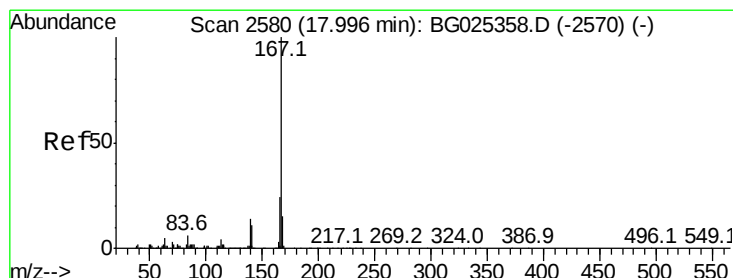
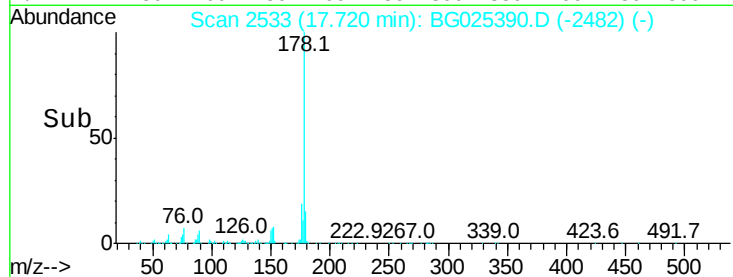
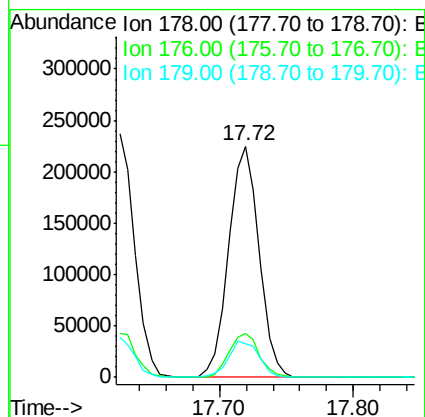
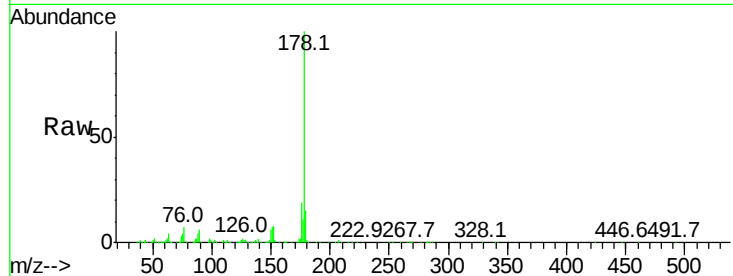




#71
 Anthracene
 Concen: 18.00 ng
 RT: 17.72 min Scan# 2533
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

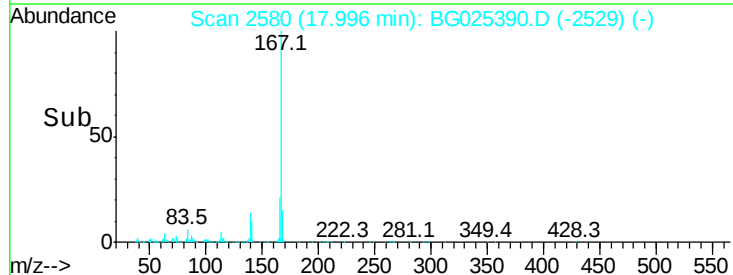
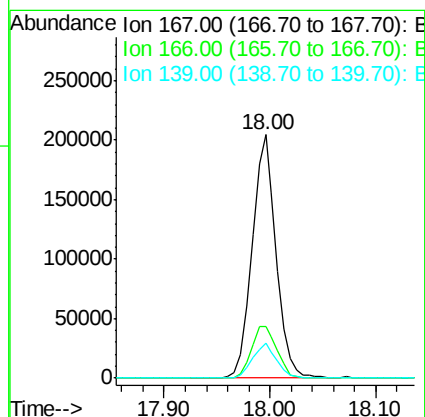
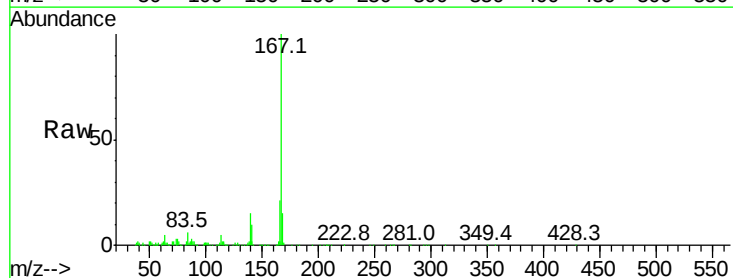
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

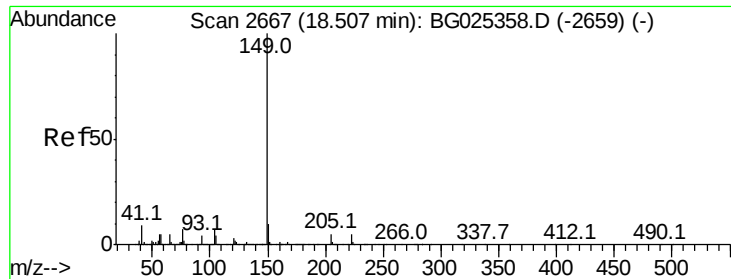
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	14.8	13.8	20.8



#72
 Carbazole
 Concen: 18.07 ng
 RT: 18.00 min Scan# 2580
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	20.2	30.2
139	14.5	12.8	19.2

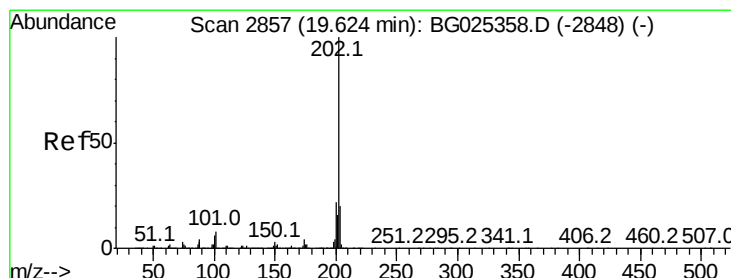
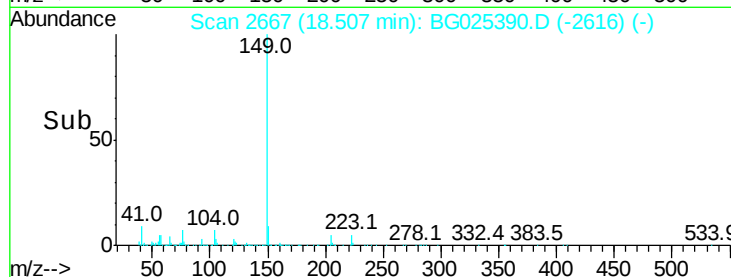
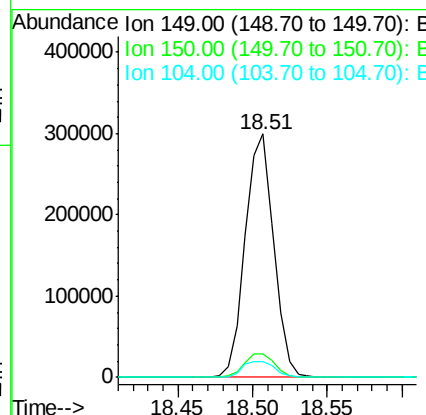
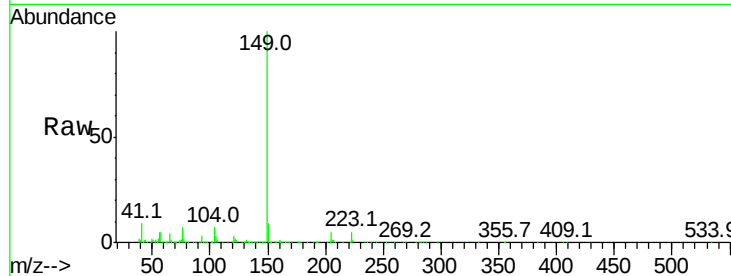




#73
Di-n-butylphthalate
Concen: 18.01 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

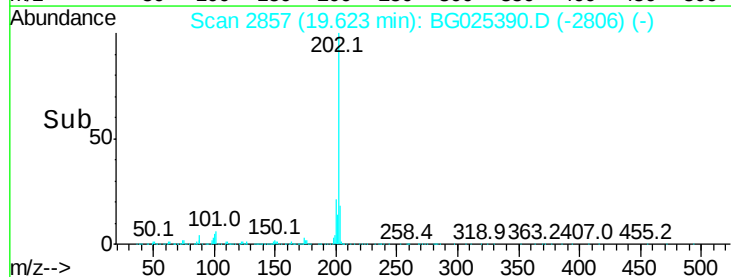
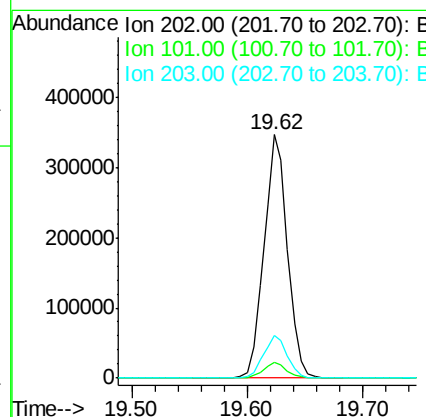
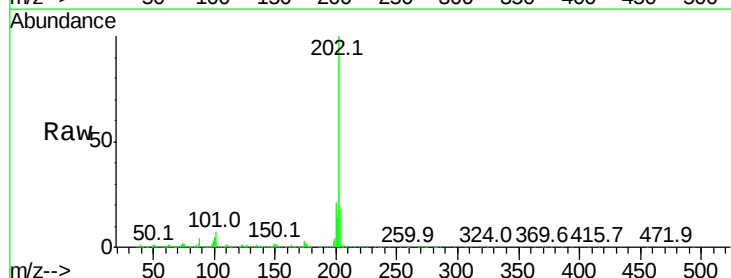
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

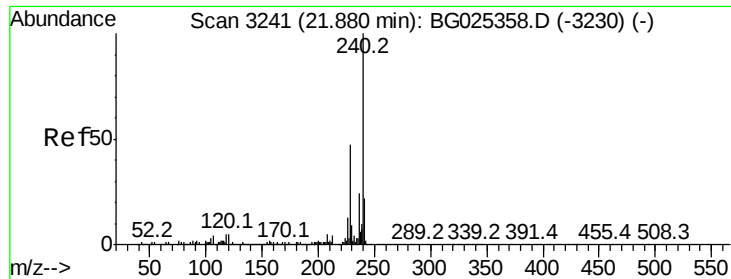
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	9.1	13.7
104	6.7	6.7	10.1



#74
Fluoranthene
Concen: 18.90 ng
RT: 19.62 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	30.1
203	17.7	1.3	41.3

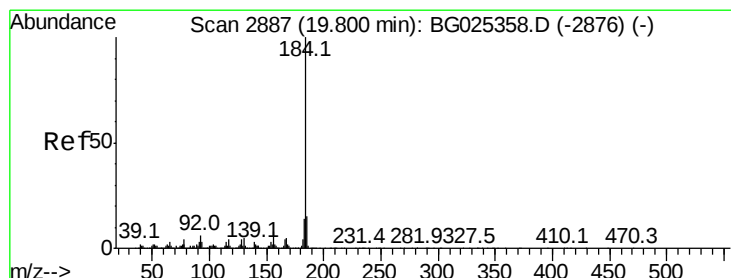
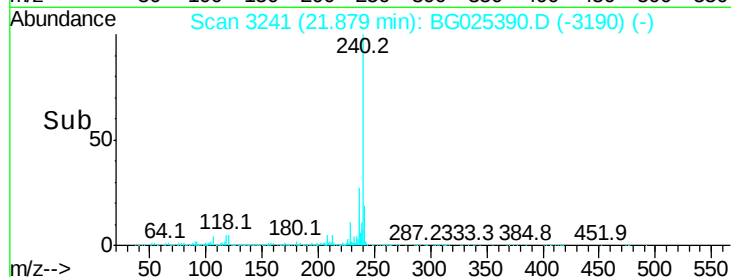
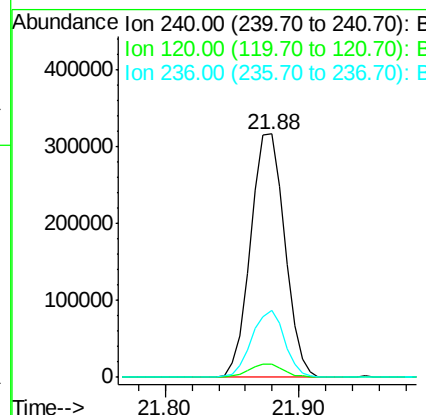
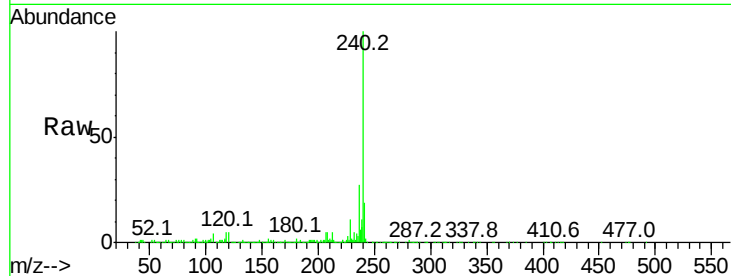




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

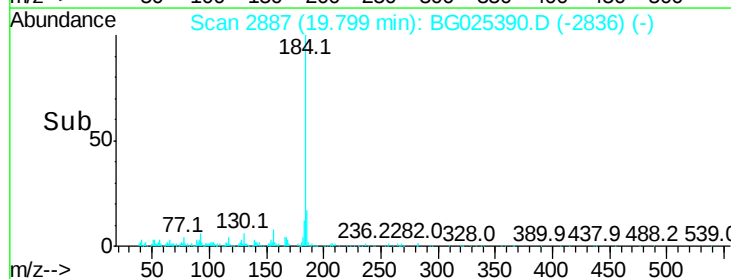
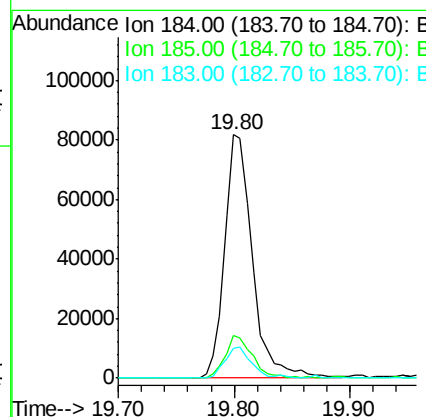
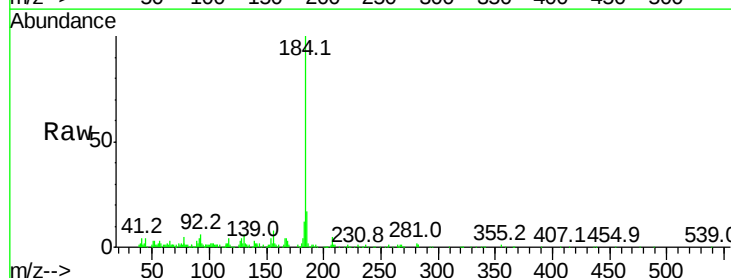
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

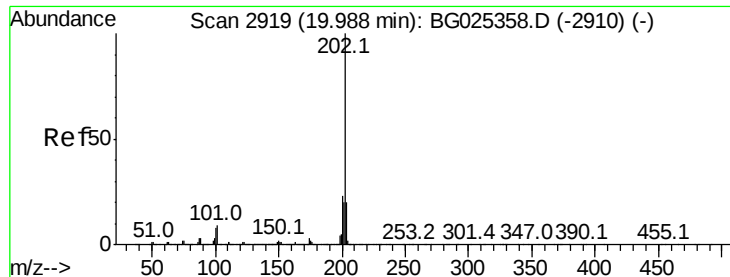
Tot Ion:240 Resp: 558462
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 27.4 22.2 33.4



#76
Benzidine
Concen: 9.78 ng
RT: 19.80 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion:184 Resp: 136256
Ion Ratio Lower Upper
184 100
185 17.3 13.0 19.6
183 12.2 11.0 16.6





#77

Pvrene

Concen: 17.14 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

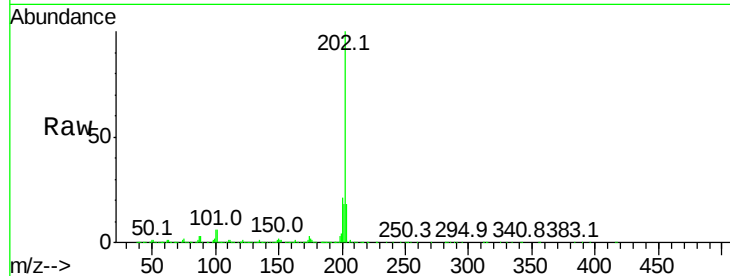
Tot Ion:202 Resp: 500130

Ion Ratio Lower Upper

202 100

200 21.4 19.6 29.4

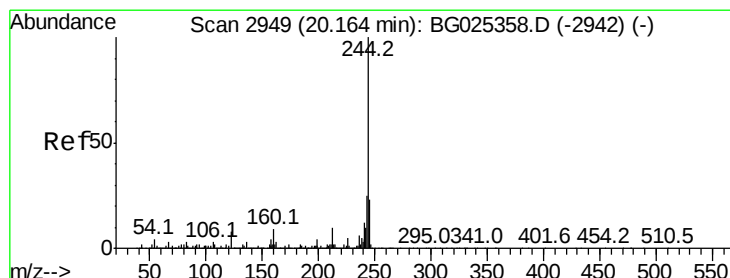
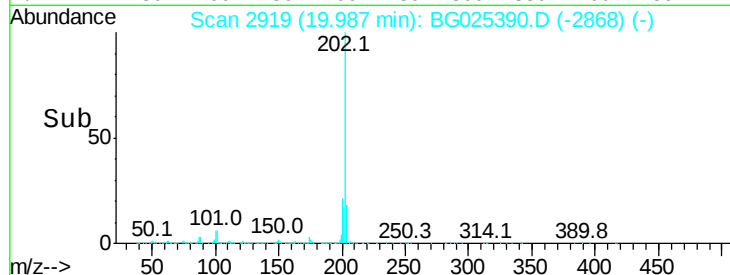
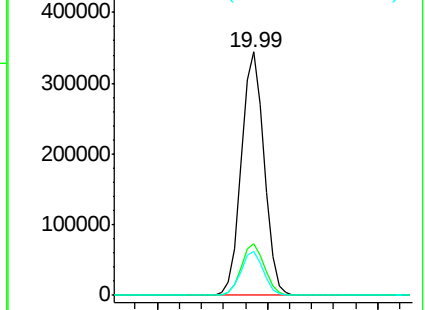
203 18.2 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.26 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

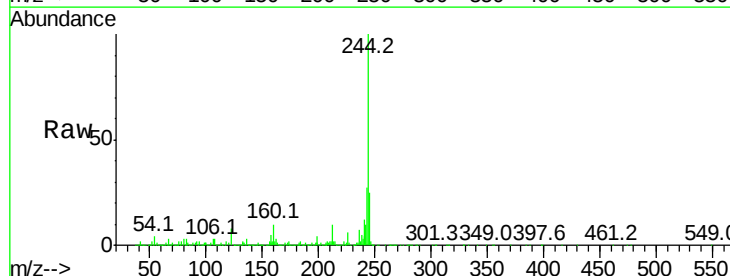
Tgt Ion:244 Resp: 2153810

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

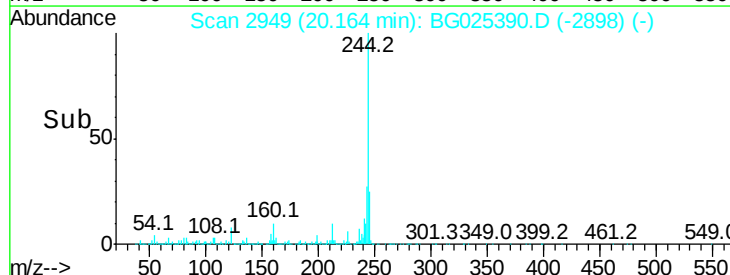
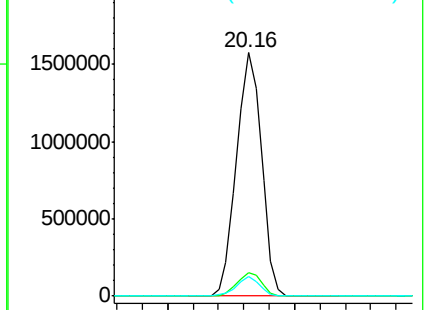
122 7.9 8.6 12.8#

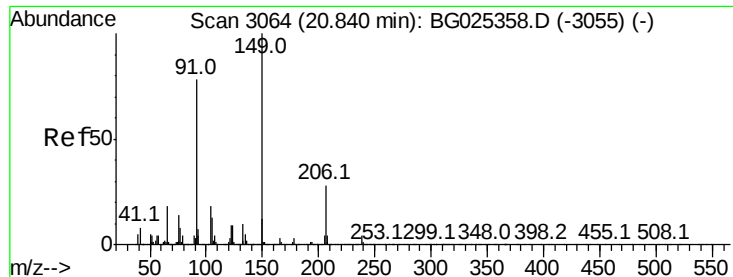


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

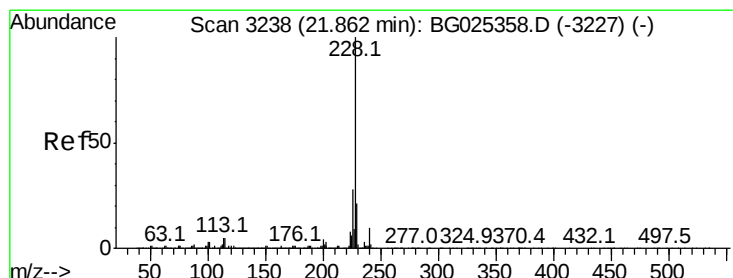
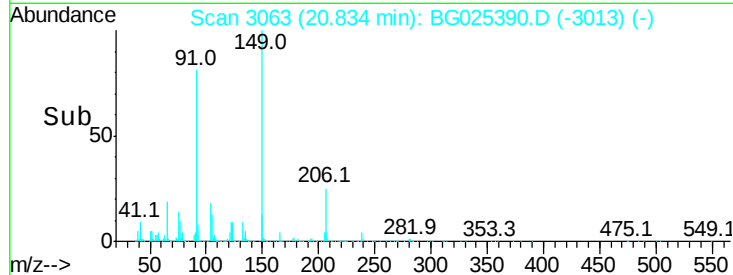
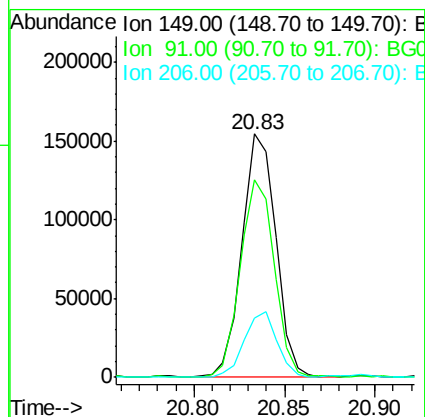
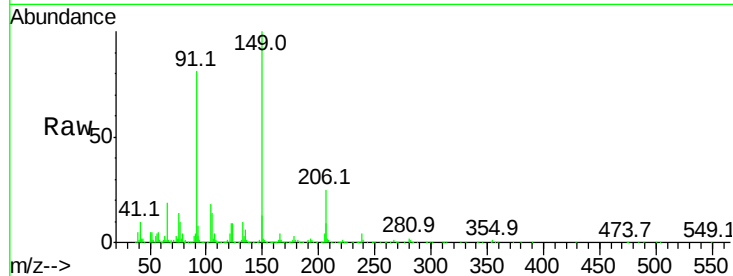




#79
Butylbenzylphthalate
Concen: 17.09 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

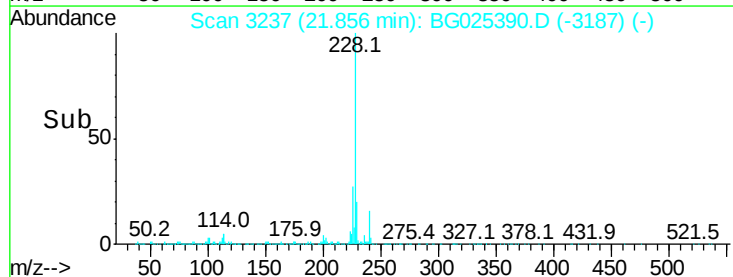
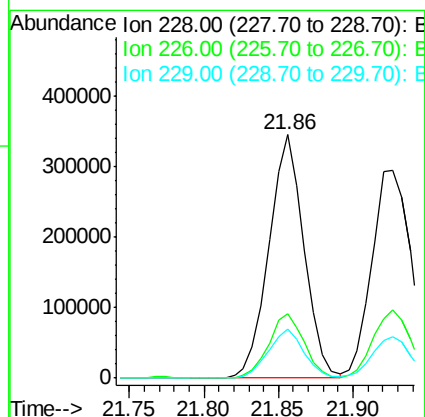
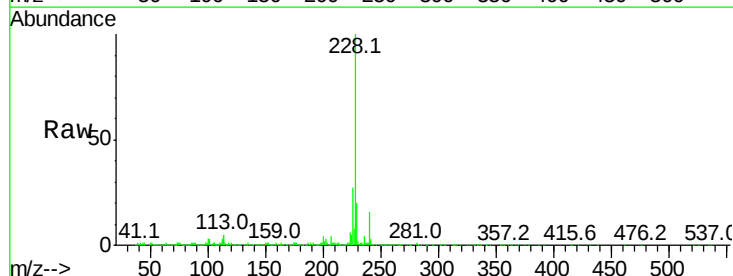
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2017

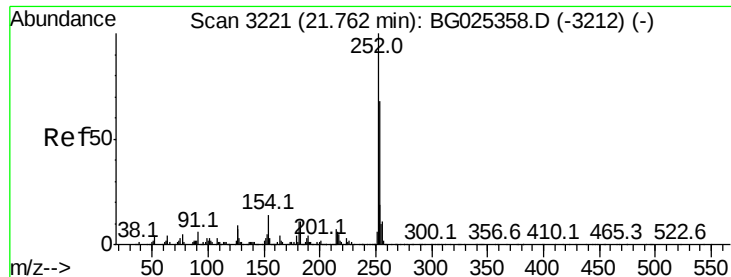
Tot Ion:149 Resp: 200317
Ion Ratio Lower Upper
149 100
91 81.4 63.5 95.3
206 24.5 21.0 31.6



#80
Benzo(a)anthracene
Concen: 18.06 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG025390.D
Acq: 22 Dec 2016 15:26

Tgt Ion:228 Resp: 562673
Ion Ratio Lower Upper
228 100
226 26.5 24.9 37.3
229 20.0 18.2 27.2

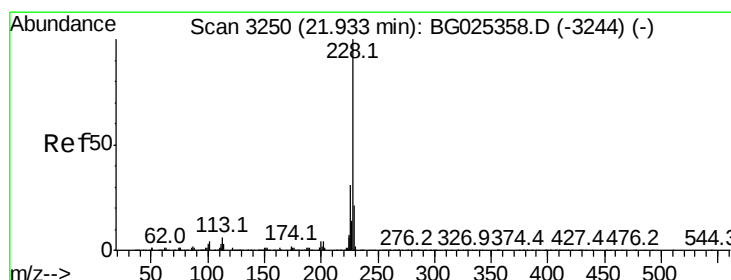
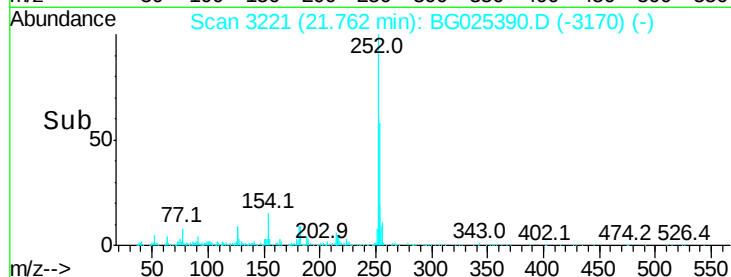
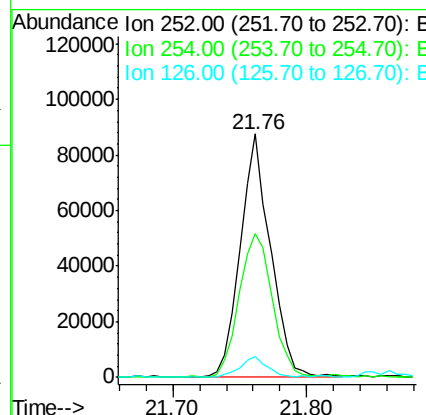
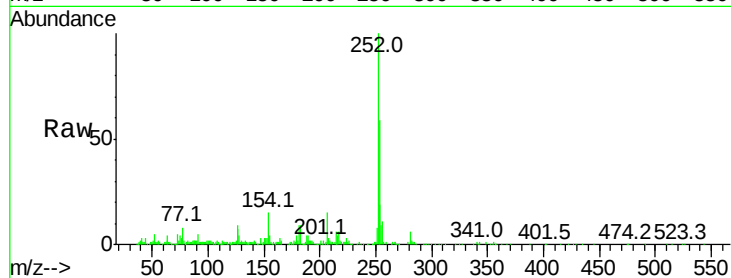




#81
 3,3'-Dichlorobenzidine
 Concen: 11.38 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

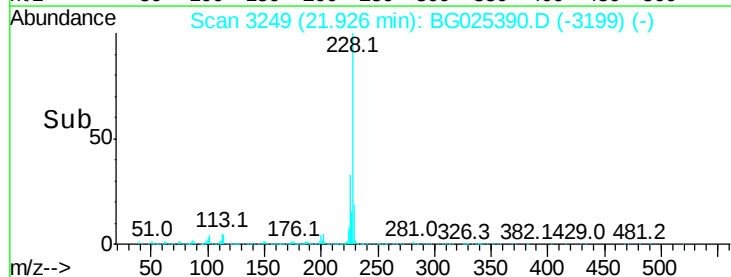
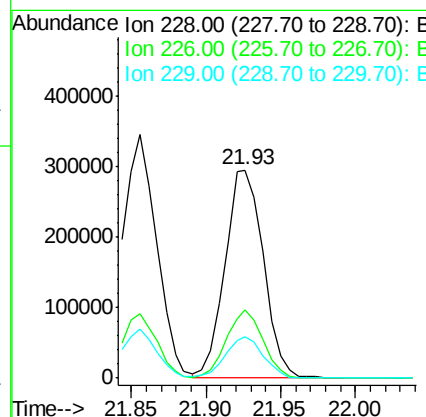
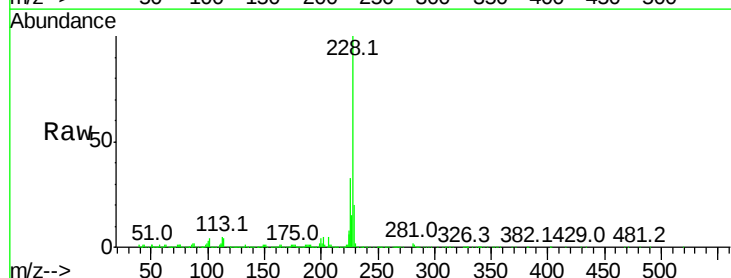
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2017

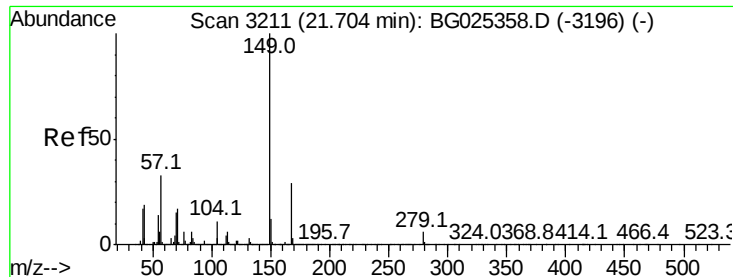
Tot Ion	Ratio	Lower	Upper
252	100		
254	59.3	53.1	79.7
126	8.5	7.0	10.4



#82
 Chrysene
 Concen: 17.75 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.01 min
 Lab File: BG025390.D
 Acq: 22 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	27.0	40.4
229	19.7	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.65 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

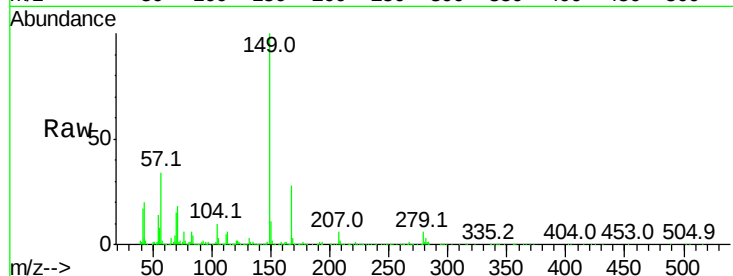
Tot Ion:149 Resp: 287933

Ion Ratio Lower Upper

149 100

167 27.6 23.7 35.5

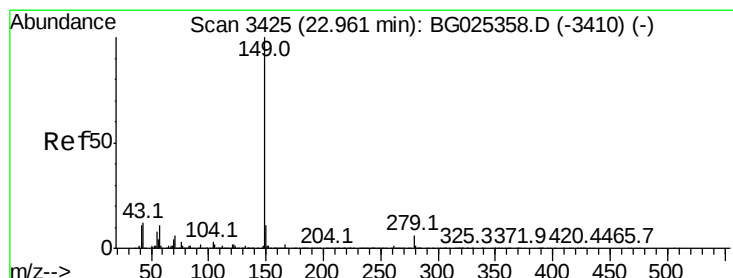
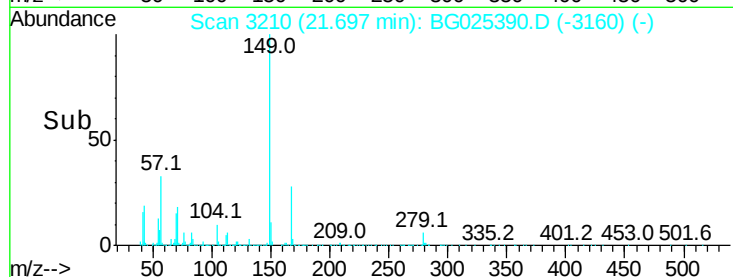
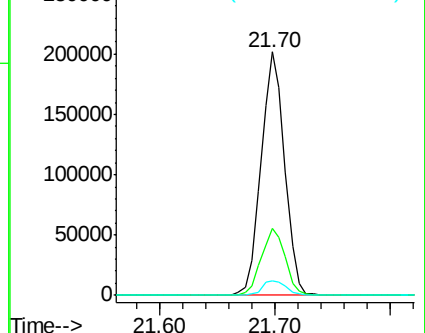
279 6.0 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 18.14 ng

RT: 22.95 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

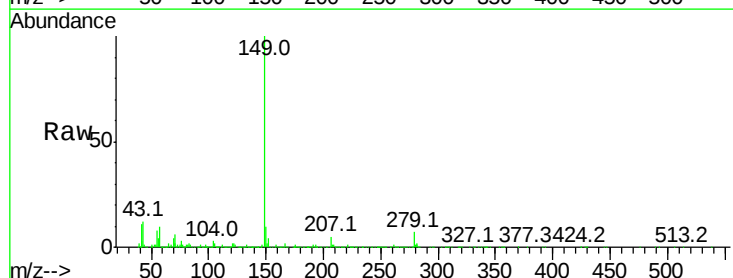
Tgt Ion:149 Resp: 491055

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

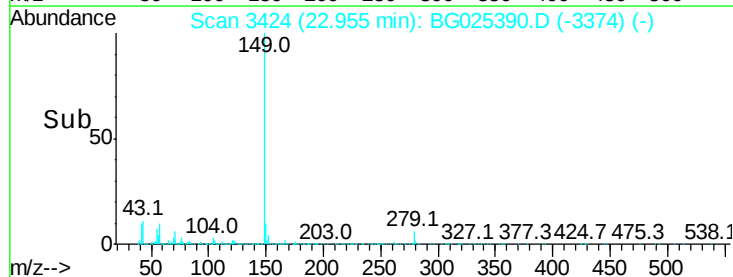
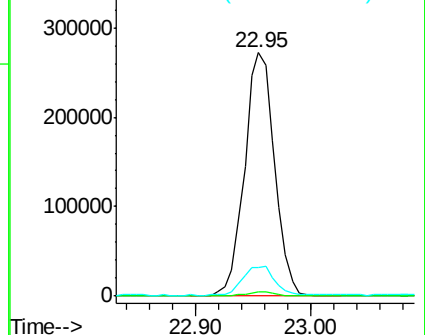
43 12.7 11.8 17.6

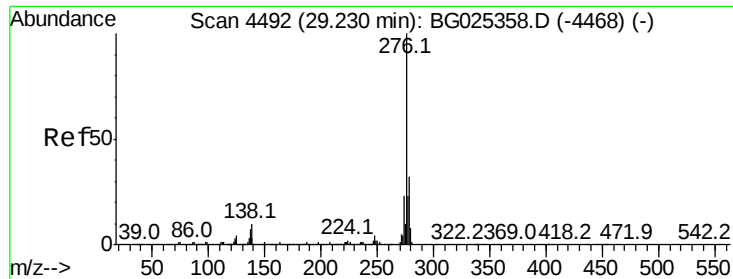


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 17.57 ng

RT: 29.21 min Scan# 4488

Delta R.T. -0.02 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

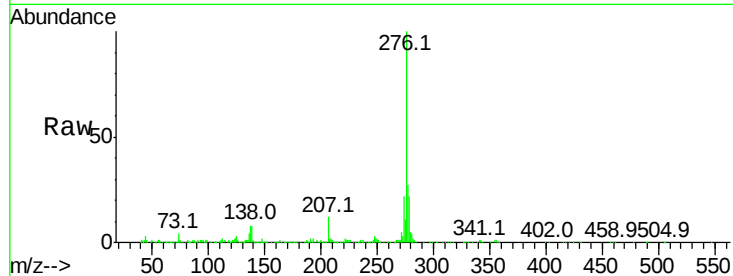
Tot Ion:276 Resp: 667270

Ion Ratio Lower Upper

276 100

138 5.7 4.7 7.1

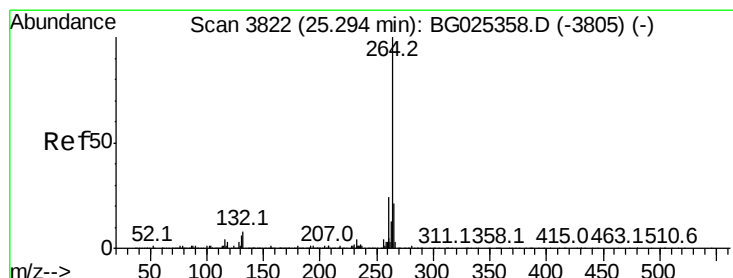
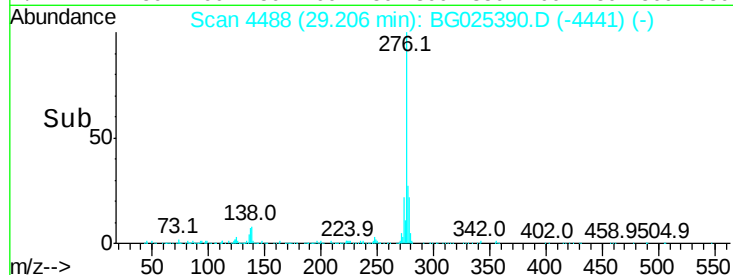
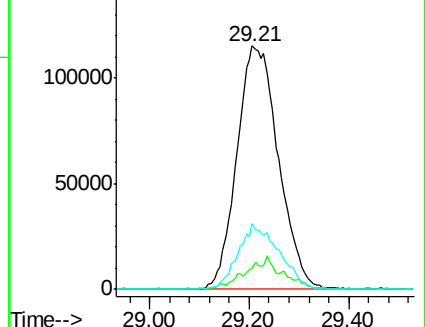
277 26.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

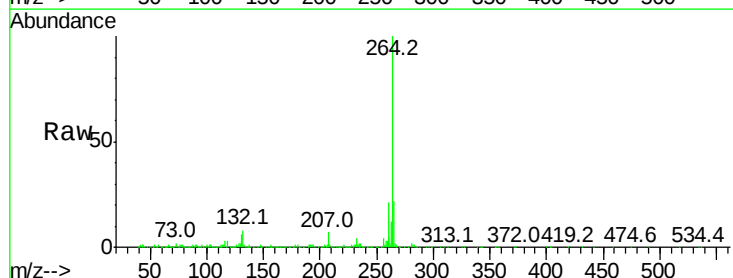
Tgt Ion:264 Resp: 584690

Ion Ratio Lower Upper

264 100

260 21.3 21.8 32.8#

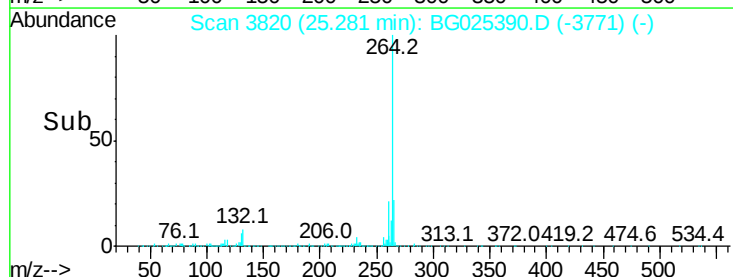
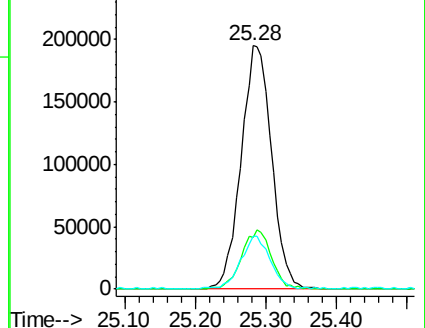
265 21.6 18.2 27.4

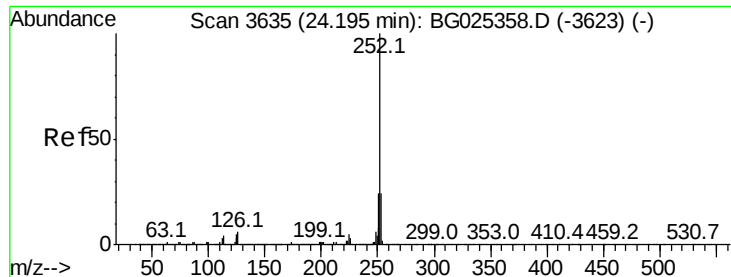


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 17.80 ng m

RT: 24.19 min Scan# 3635

Delta R.T. -0.00 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

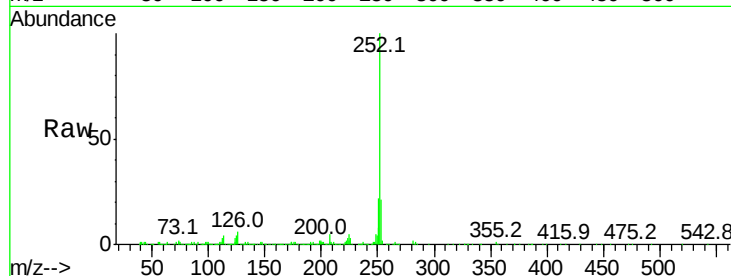
Tot Ion:252 Resp: 567922

Ion Ratio Lower Upper

252 100

253 21.1 18.7 28.1

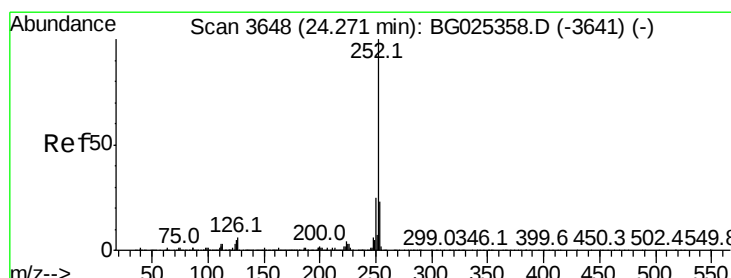
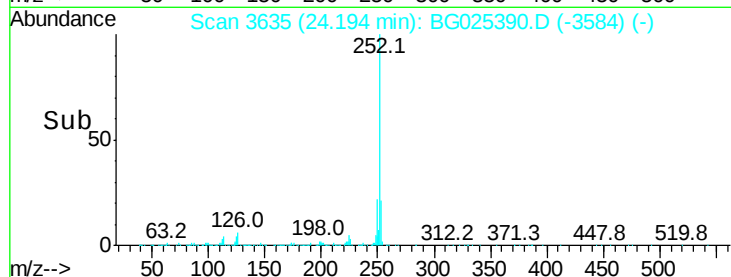
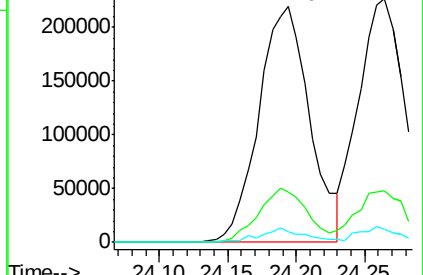
125 4.4 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 17.60 ng

RT: 24.26 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

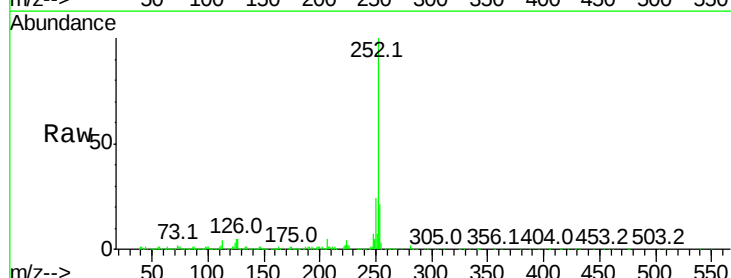
Tgt Ion:252 Resp: 542097

Ion Ratio Lower Upper

252 100

253 21.1 20.2 30.2

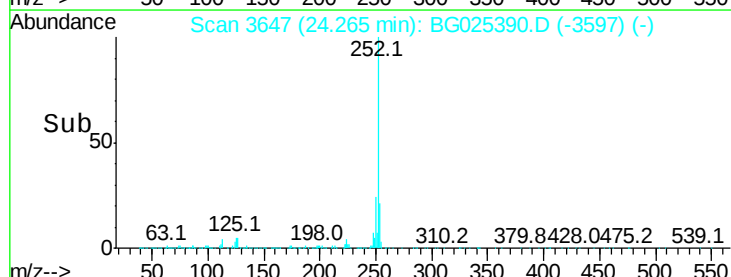
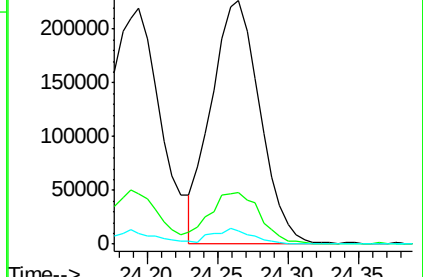
125 5.3 5.1 7.7

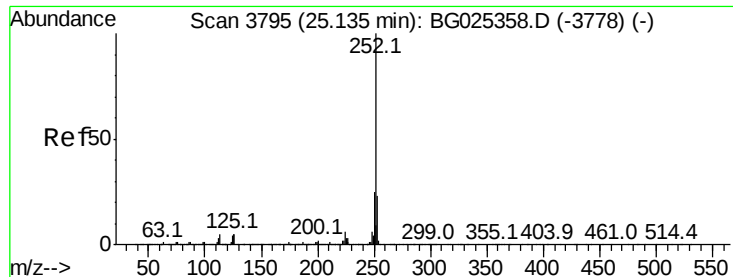


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 17.54 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

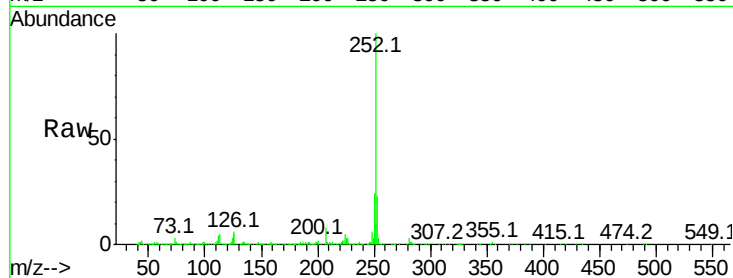
Tot Ion:252 Resp: 540488

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

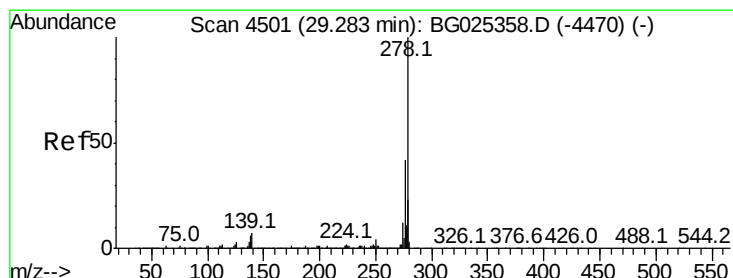
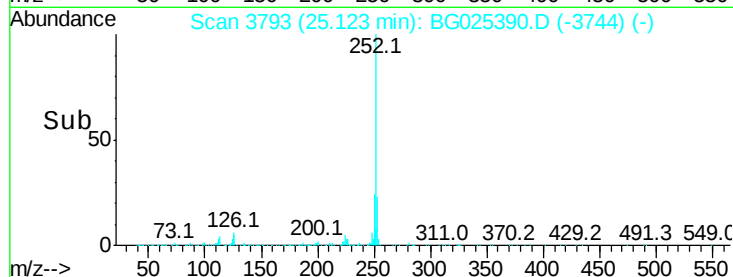
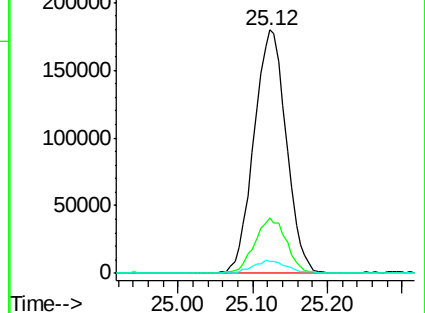
125 5.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 17.82 ng

RT: 29.26 min Scan# 4497

Delta R.T. -0.02 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

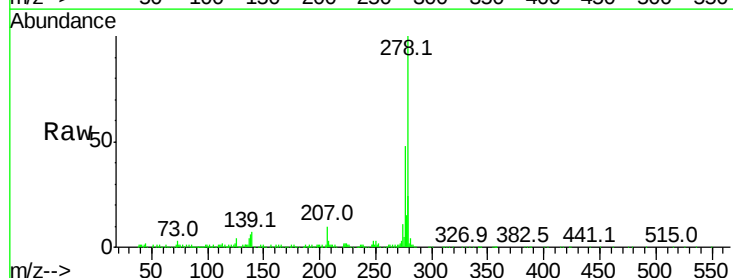
Tgt Ion:278 Resp: 581893

Ion Ratio Lower Upper

278 100

139 7.2 7.7 11.5#

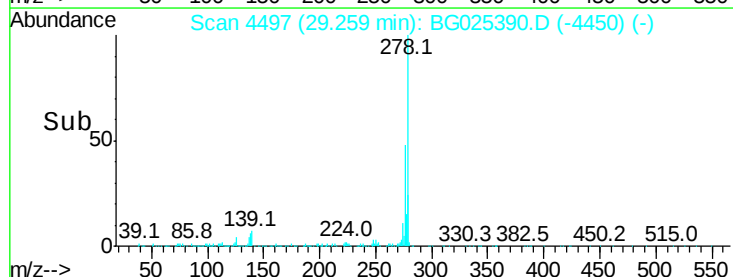
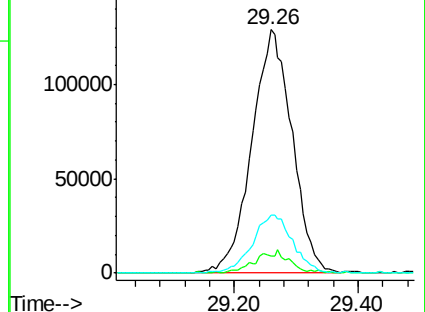
279 23.7 19.1 28.7

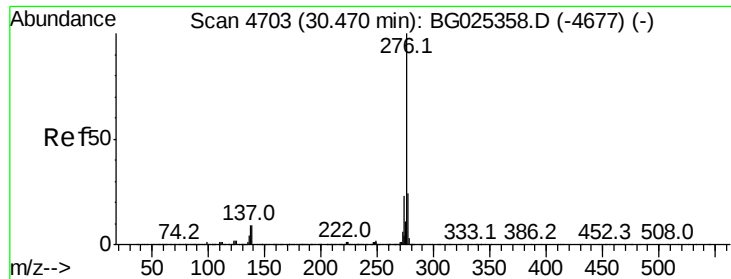


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 17.47 ng

RT: 30.45 min Scan# 4699

Delta R.T. -0.02 min

Lab File: BG025390.D

Acq: 22 Dec 2016 15:26

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2017

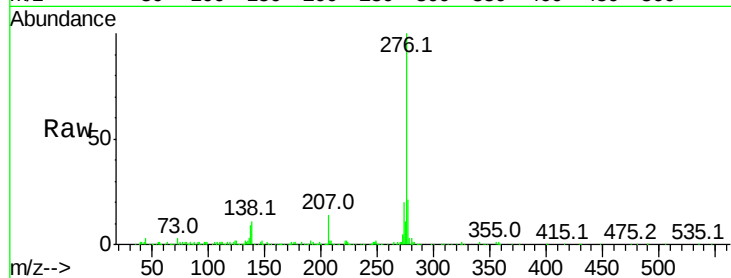
Tot Ion:276 Resp: 566950

Ion Ratio Lower Upper

276 100

277 21.0 18.6 27.8

138 10.6 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

