

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
 Data File : BG015848.D
 Acq On : 5 Jan 2015 18:27
 Operator : TP/IZ
 Sample : G1001-03-S
 Misc : LOD-SOIL-2PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Jan 06 06:12:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 06:05:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	52524	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	194877	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	143061	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	352912	20.00	ng	0.00
75) Chrysene-d12	21.30	240	529883	20.00	ng	0.00
86) Perylene-d12	23.56	264	511923	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	206621	33.83	ng	0.00
7) Phenol-d6	6.91	99	281025	33.04	ng	0.00
23) Nitrobenzene-d5	8.89	82	201913	20.33	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	174329	32.06	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	426650	21.30	ng	0.00
78) Terphenyl-d14	19.74	244	997834	21.04	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	1368	0.98	ng	# 34
3) Pyridine	3.65	79	2327	0.61	ng	# 83
4) n-Nitrosodimethylamine	3.57	42	1460	0.88	ng	# 37
6) Aniline	7.06	93	3322	0.58	ng	# 82
8) 2-Chlorophenol	7.29	128	2854	0.91	ng	89
9) Benzaldehyde	6.88	77	2506	0.87	ng	85
10) Phenol	6.94	94	4120	0.89	ng	100
11) bis(2-Chloroethyl)ether	7.16	93	2614	0.77	ng	95
12) 1,3-Dichlorobenzene	7.76	146	3292	0.87	ng	93
13) 1,4-Dichlorobenzene	7.76	146	3292	0.85	ng	94
14) 1,2-Dichlorobenzene	8.08	146	2612	0.71	ng	# 85
15) Benzyl Alcohol	7.97	79	3056	0.74	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.27	45	2002	0.92	ng	88
17) 2-Methylphenol	8.18	107	2430	0.77	ng	89
18) Hexachloroethane	8.80	117	1588	0.89	ng	# 62
19) n-Nitroso-di-n-propylamine	8.53	70	2449	0.74	ng	# 81
20) 3+4-Methylphenols	8.50	107	3174	0.75	ng	# 75
22) Acetophenone	8.55	105	4351	0.76	ng	# 80
24) Nitrobenzene	8.93	77	4714	0.94	ng	# 94
25) Isophorone	9.44	82	6235	0.71	ng	# 89
26) 2-Nitrophenol	9.64	139	1196	0.62	ng	# 58
27) 2,4-Dimethylphenol	9.70	122	2316	0.72	ng	# 76
28) bis(2-Chloroethoxy)methane	9.93	93	3991	0.92	ng	# 77
29) 2,4-Dichlorophenol	10.17	162	2821	0.87	ng	83
30) 1,2,4-Trichlorobenzene	10.38	180	3459	0.81	ng	94
31) Naphthalene	10.57	128	7671	0.74	ng	# 89
32) Benzoic acid	9.94	122	70	0.05	ng	# 1
33) 4-Chloroaniline	10.67	127	2590	0.62	ng	# 71
34) Hexachlorobutadiene	10.84	225	2526	0.64	ng	93
35) Caprolactam	11.44	113	1333	0.94	ng	# 51
36) 4-Chloro-3-methylphenol	11.81	107	3776	0.89	ng	# 74
37) 2-Methylnaphthalene	12.18	142	5839	0.76	ng	# 74
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	4684	0.88	ng	# 96
40) Hexachlorocyclopentadiene	12.52	237	1178	0.33	ng	90

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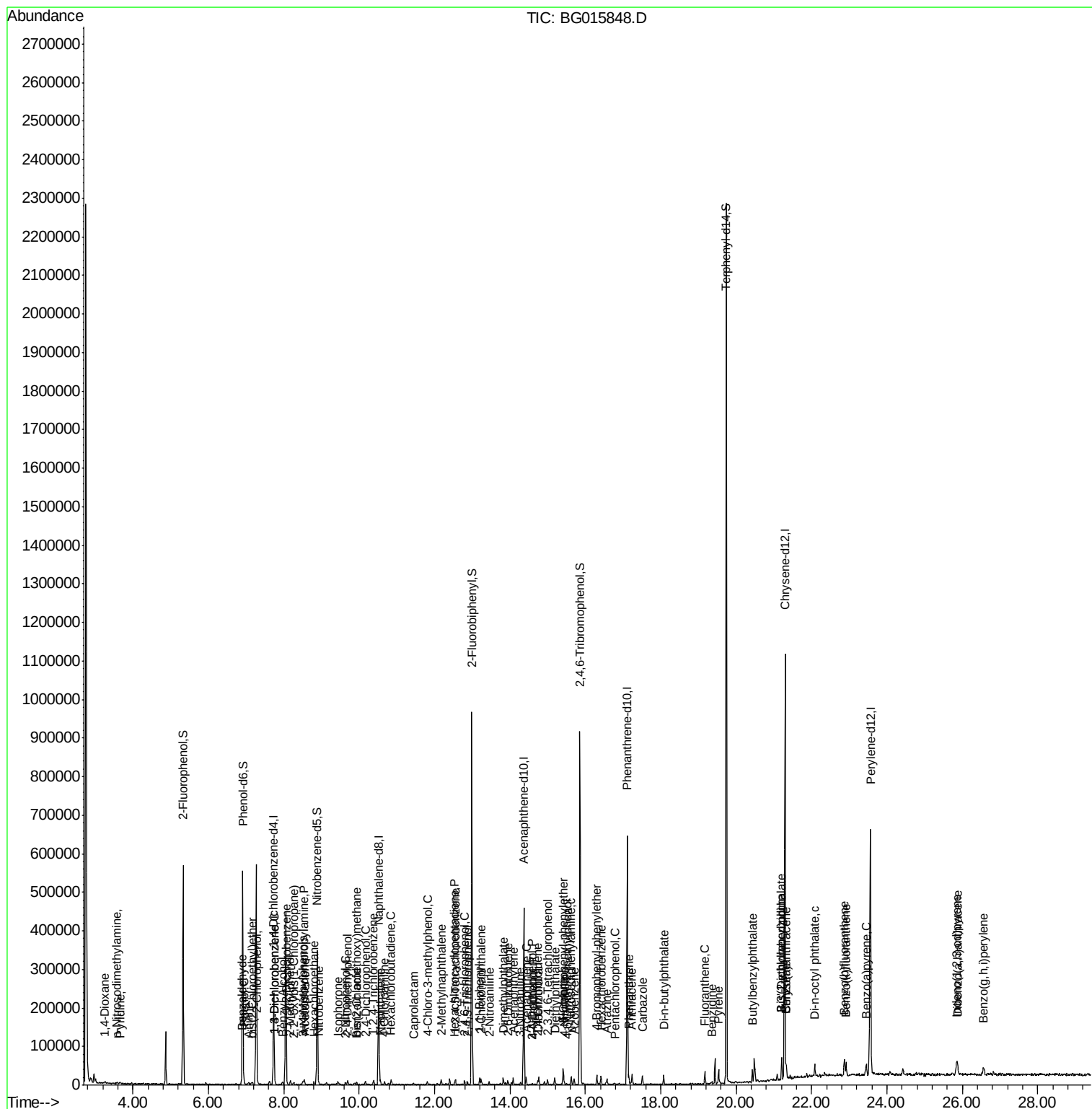
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	2922	0.89	ng	# 79
43) 2,4,5-Trichlorophenol	12.86	196	2584	0.72	ng	# 83
45) 1,1'-Biphenyl	13.20	154	7501	0.73	ng	# 98
46) 2-Chloronaphthalene	13.23	162	6621	0.81	ng	# 92
47) 2-Nitroaniline	13.45	65	2133	0.80	ng	# 80
48) Acenaphthylene	14.09	152	10292	0.74	ng	# 96
49) Dimethylphthalate	13.82	163	9004	0.85	ng	# 94
50) 2,6-Dinitrotoluene	13.94	165	1976	0.87	ng	# 78
51) Acenaphthene	14.43	154	7613	0.93	ng	# 61
52) 3-Nitroaniline	14.27	138	1370	0.63	ng	# 87
53) 2,4-Dinitrophenol	14.57	184	54	0.04	ng	# 25
54) Dibenzofuran	14.77	168	11523	0.87	ng	# 89
55) 4-Nitrophenol	14.60	139	557	0.31	ng	# 67
56) 2,4-Dinitrotoluene	14.73	165	2650	0.81	ng	# 84
57) Fluorene	15.41	166	7675	0.71	ng	# 95
58) 2,3,4,6-Tetrachlorophenol	15.00	232	2650	0.66	ng	# 96
59) Diethylphthalate	15.19	149	9422	0.81	ng	# 90
60) 4-Chlorophenyl-phenylether	15.41	204	6582	0.93	ng	# 81
61) 4-Nitroaniline	15.44	138	1617	0.64	ng	# 46
62) Azobenzene	15.70	77	9517	0.76	ng	# 93
64) 4,6-Dinitro-2-methylphenol	15.51	198	542	0.22	ng	# 61
65) n-Nitrosodiphenylamine	15.63	169	8064	0.79	ng	# 82
66) 4-Bromophenyl-phenylether	16.31	248	3851	0.80	ng	# 85
67) Hexachlorobenzene	16.41	284	4897	0.89	ng	# 61
68) Atrazine	16.58	200	3352	0.74	ng	# 83
69) Pentachlorophenol	16.78	266	1185	0.37	ng	# 54
70) Phenanthrene	17.15	178	15017	0.80	ng	# 93
71) Anthracene	17.24	178	14491	0.78	ng	# 91
72) Carbazole	17.52	167	12813	0.72	ng	# 92
73) Di-n-butylphthalate	18.08	149	15935	0.76	ng	# 93
74) Fluoranthene	19.17	202	21417	0.75	ng	# 97
76) Benzidine	19.36	184	3786	0.31	ng	# 86
77) Pyrene	19.53	202	24431	0.86	ng	# 87
79) Butylbenzylphthalate	20.43	149	8754	0.82	ng	# 72
80) Benzo(a)anthracene	21.32	228	23822	0.76	ng	# 96
81) 3,3'-Dichlorobenzidine	21.21	252	7617	0.66	ng	# 95
82) Chrysene	21.32	228	23822	0.82	ng	# 99
83) Bis(2-ethylhexyl)phthalate	21.21	149	11875	0.77	ng	# 90
84) Di-n-octyl phthalate	22.08	149	19970	0.79	ng	# 99
85) Indeno(1,2,3-cd)pyrene	25.85	276	29474	0.86	ng	# 79
87) Benzo(b)fluoranthene	22.87	252	27119	0.85	ng	# 99
88) Benzo(k)fluoranthene	22.92	252	24817	0.81	ng	# 99
89) Benzo(a)pyrene	23.45	252	24511	0.85	ng	# 99
90) Dibenzo(a,h)anthracene	25.87	278	22546	0.80	ng	# 96
91) Benzo(g,h,i)perylene	26.56	276	22449	0.80	ng	# 97

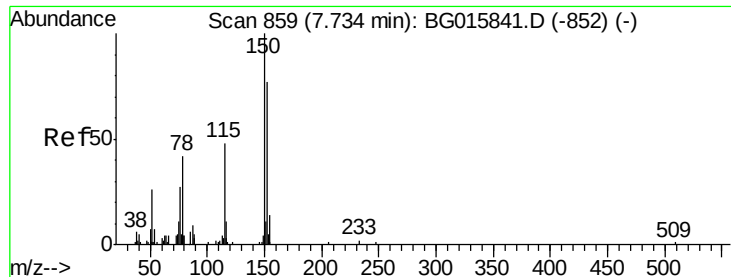
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

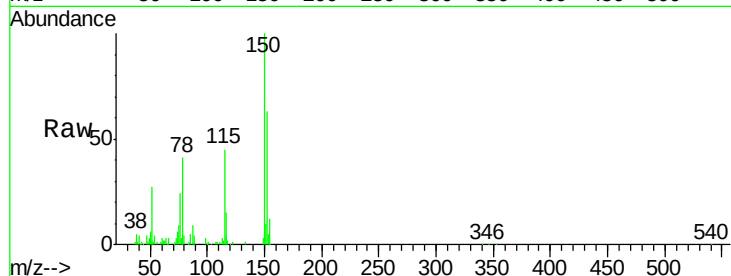
Tgt Ion:152 Resp: 52524

Ion Ratio Lower Upper

152 100

150 158.5 103.9 155.9#

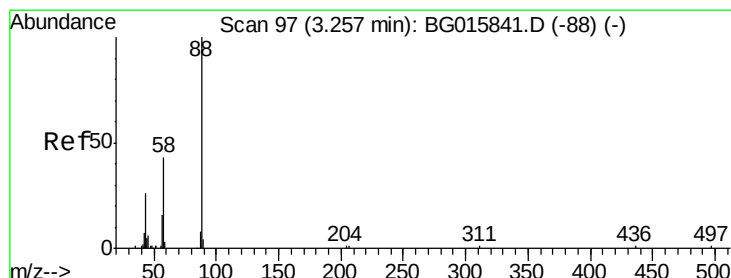
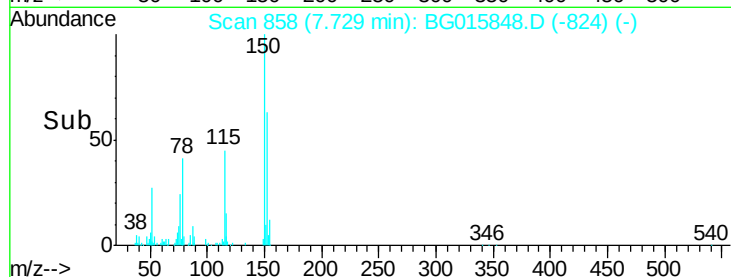
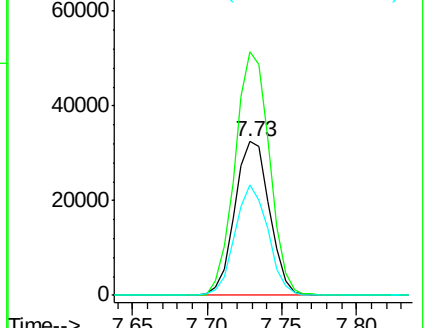
115 71.8 50.2 75.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.98 ng

RT: 3.25 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

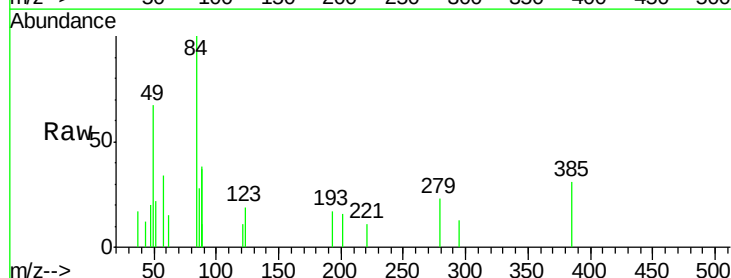
Tgt Ion: 88 Resp: 1368

Ion Ratio Lower Upper

88 100

58 97.1 37.9 56.9#

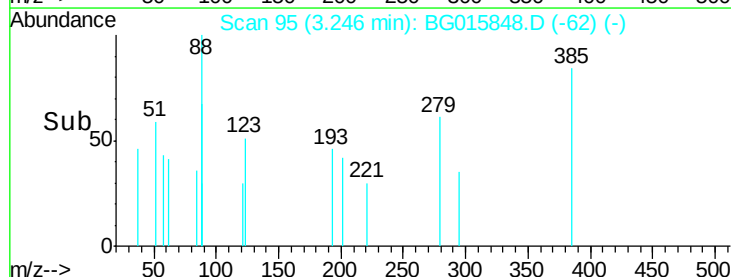
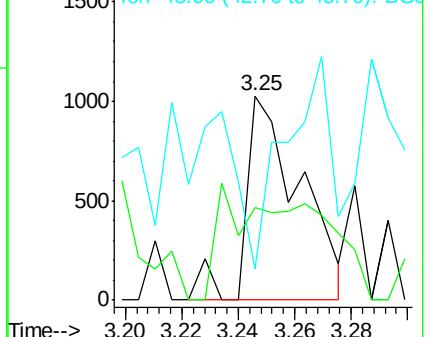
43 0.0 20.7 31.1#

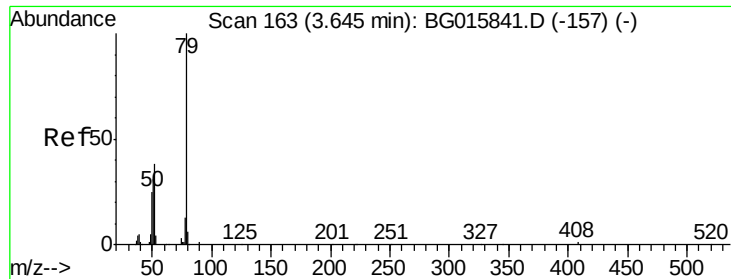


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.61 ng

RT: 3.65 min Scan# 163

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

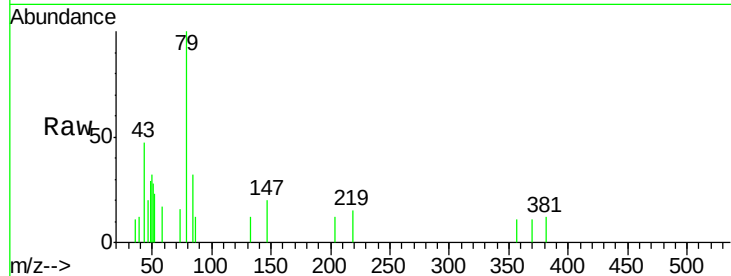
Tgt Ion: 79 Resp: 2327

Ion Ratio Lower Upper

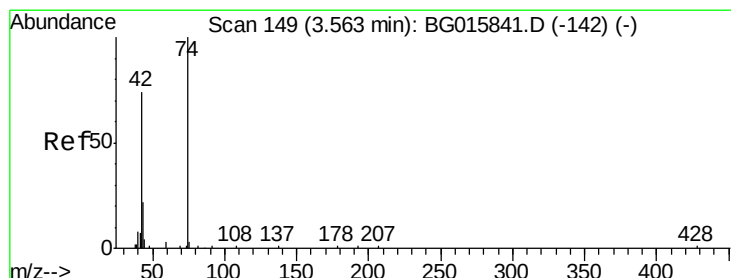
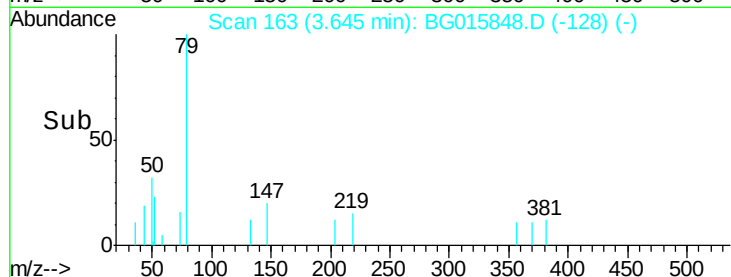
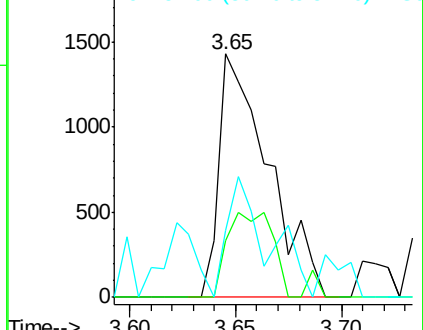
79 100

52 23.2 30.6 46.0#

51 27.6 24.9 37.3



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: 0.88 ng

RT: 3.57 min Scan# 151

Delta R.T. 0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

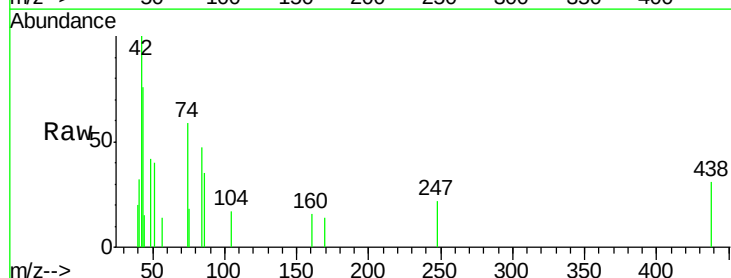
Tgt Ion: 42 Resp: 1460

Ion Ratio Lower Upper

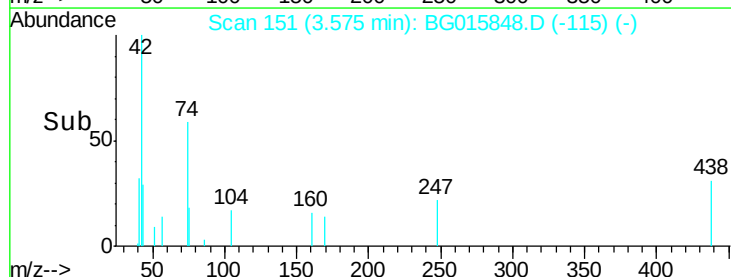
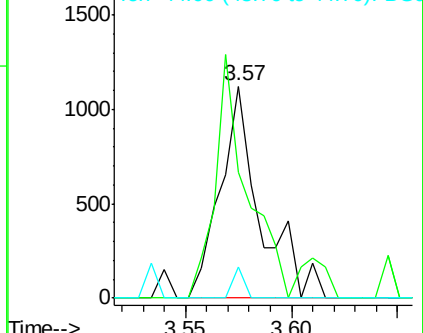
42 100

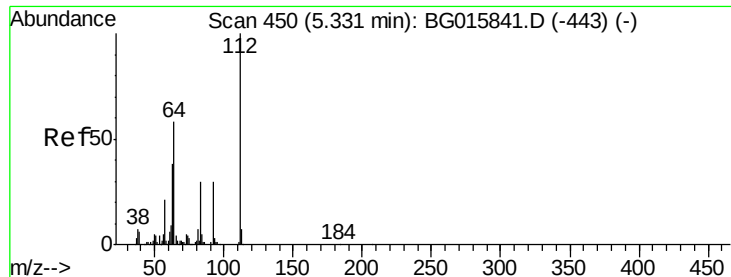
74 59.2 108.8 163.2#

44 15.0 4.4 6.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 33.83 ng

RT: 5.33 min Scan# 450

Delta R.T. 0.00 min

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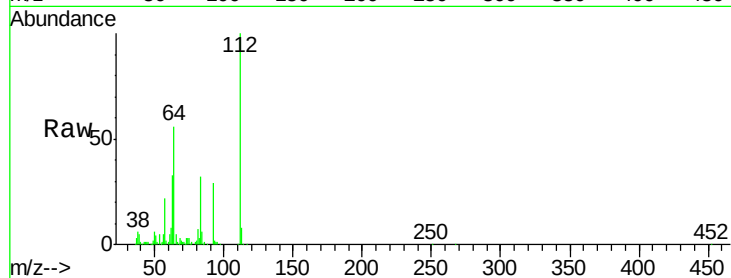
Tgt Ion: 112 Resp: 206621

Ion Ratio Lower Upper

112 100

64 55.6 46.8 70.2

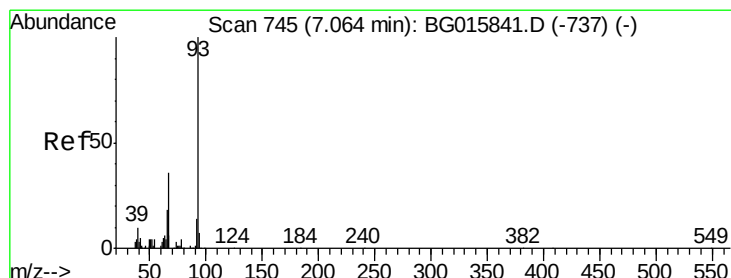
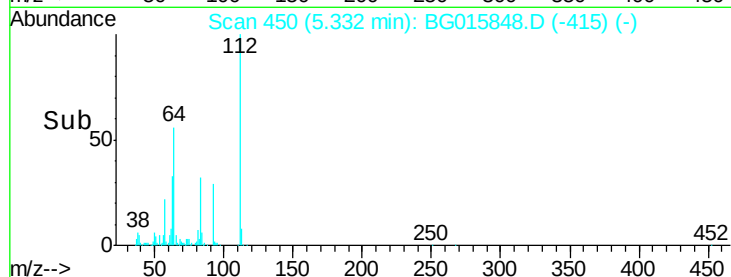
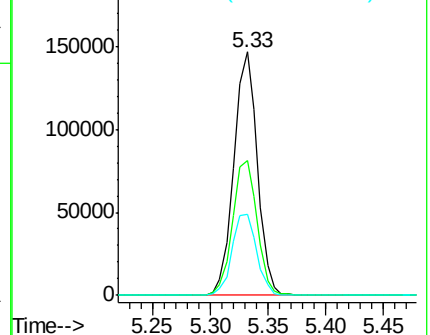
63 33.2 30.6 45.8



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: 0.58 ng

RT: 7.06 min Scan# 744

Delta R.T. -0.00 min

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Acq: 5 Jan 2015 18:27

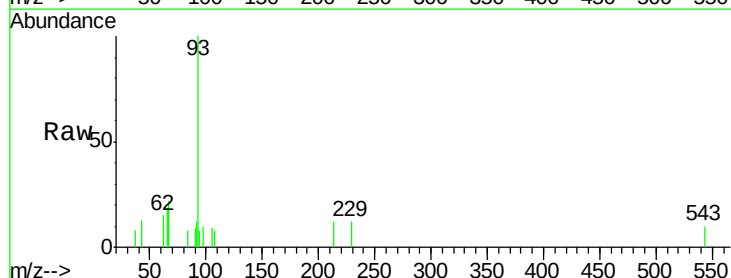
Tgt Ion: 93 Resp: 3322

Ion Ratio Lower Upper

93 100

66 20.3 28.7 43.1#

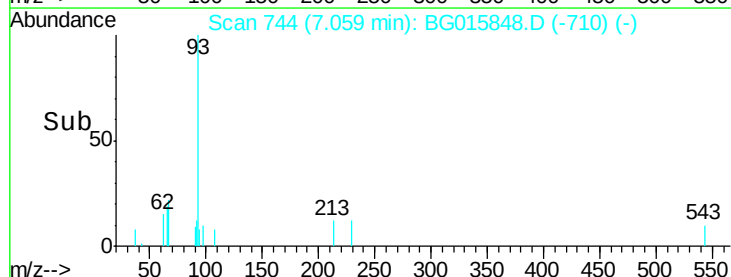
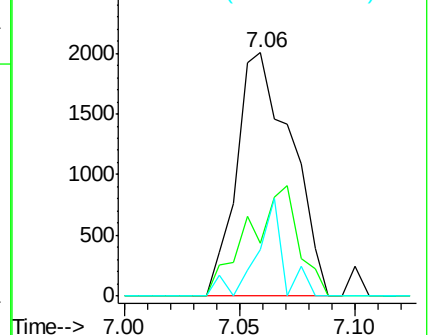
65 17.8 14.7 22.1

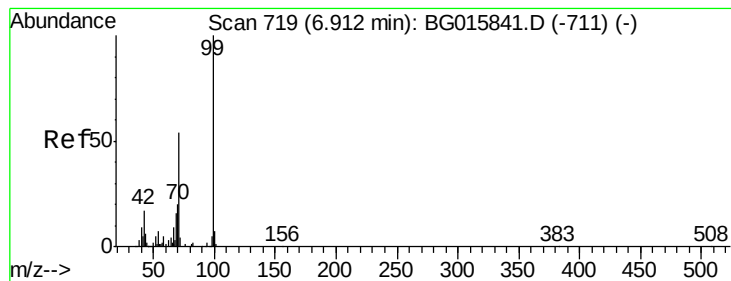


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 33.04 ng

RT: 6.91 min Scan# 719

Delta R.T. -0.00 min

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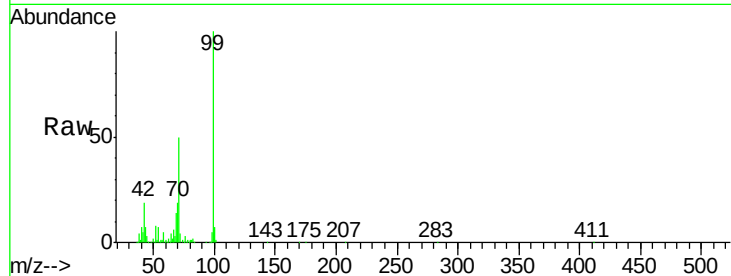
Tgt Ion: 99 Resp: 281025

Ion Ratio Lower Upper

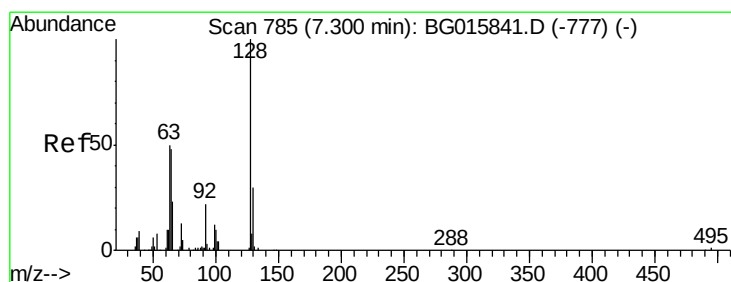
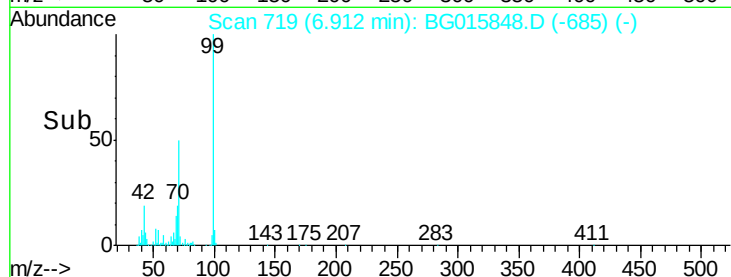
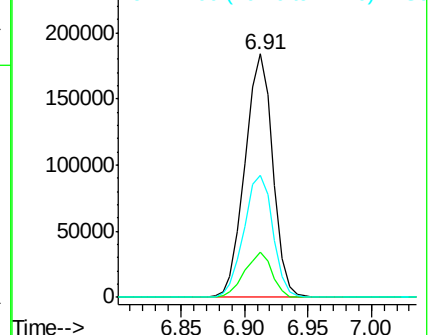
99 100

42 18.6 13.8 20.8

71 50.3 42.8 64.2



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



#8

2-Chlorophenol

Concen: 0.91 ng

RT: 7.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

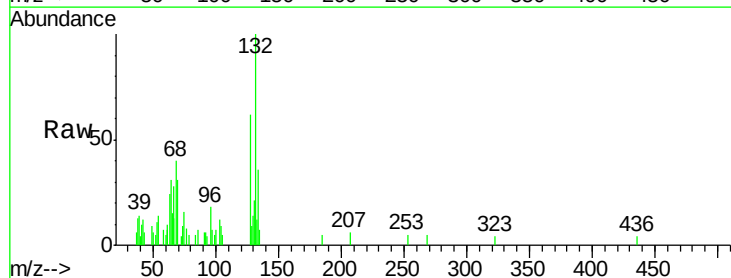
Tgt Ion: 128 Resp: 2854

Ion Ratio Lower Upper

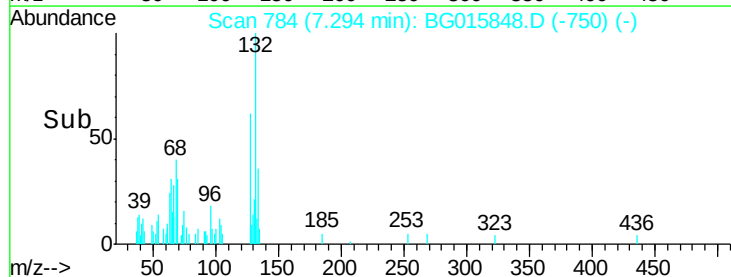
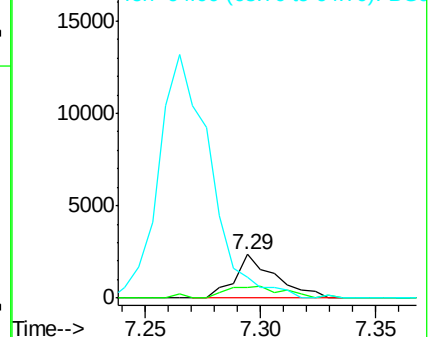
128 100

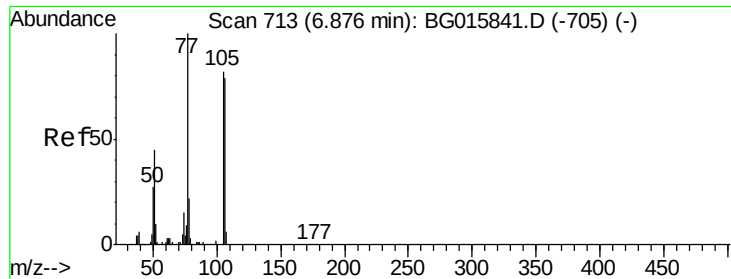
130 23.2 10.6 50.6

64 49.6 36.4 76.4



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





#9

Benzaldehyde

Concen: 0.87 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.00 min

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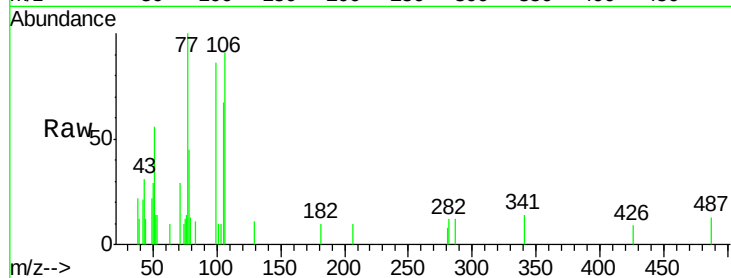
Tgt Ion: 77 Resp: 2506

Ion Ratio Lower Upper

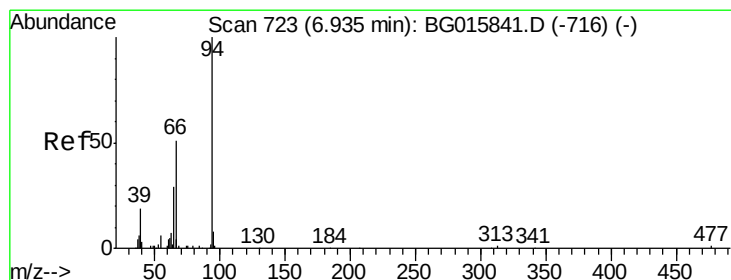
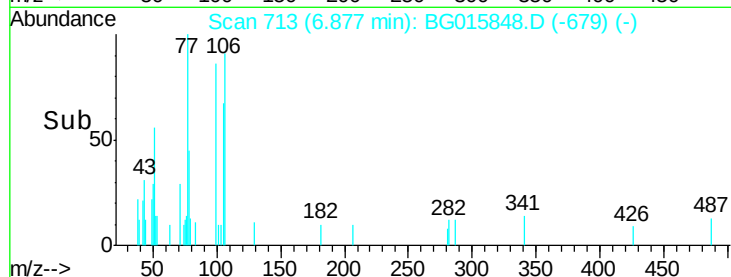
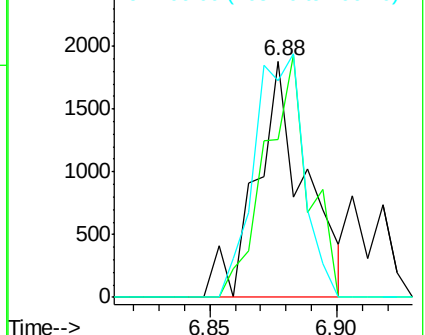
77 100

105 66.8 62.4 102.4

106 91.4 59.5 99.5



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: 0.89 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

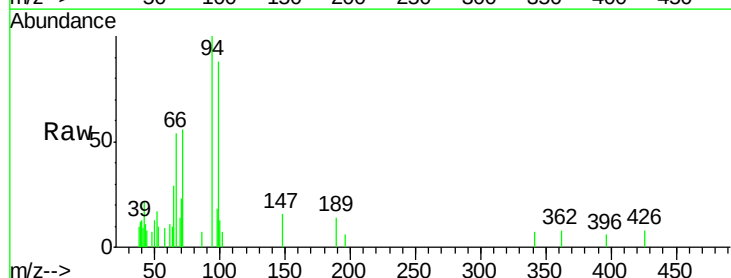
Tgt Ion: 94 Resp: 4120

Ion Ratio Lower Upper

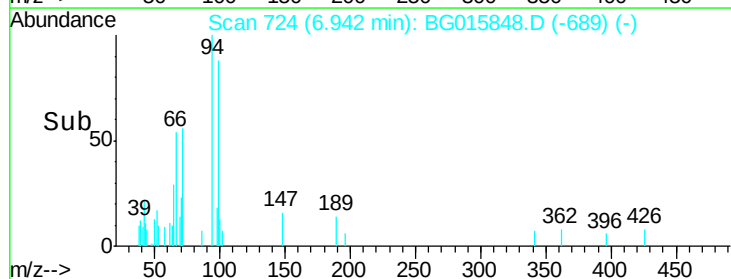
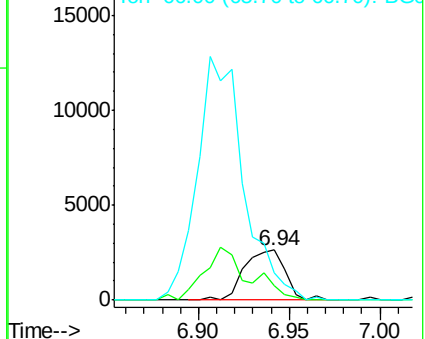
94 100

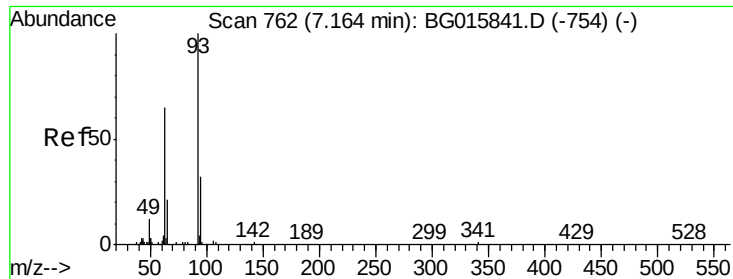
65 29.4 9.7 49.7

66 53.6 33.8 73.8



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

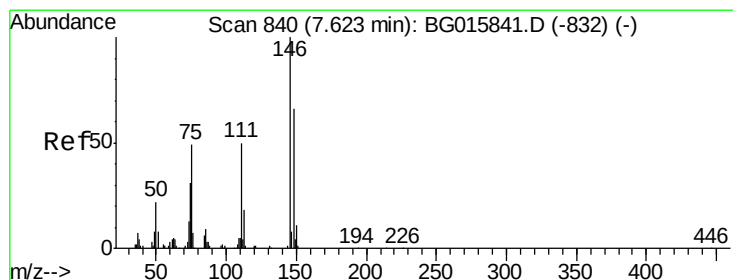
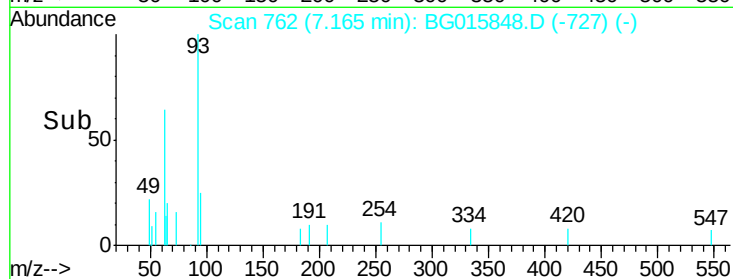
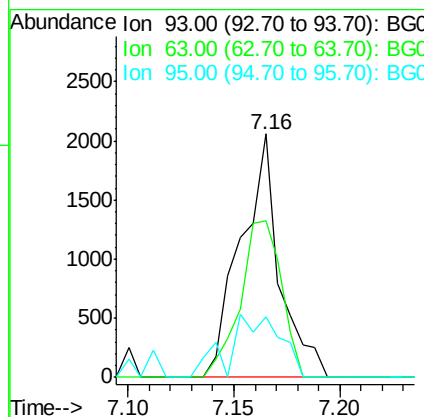
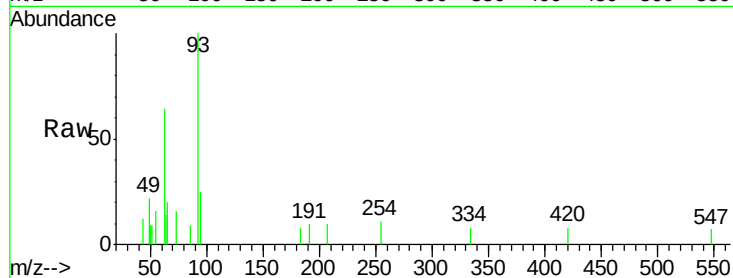




#11
bis(2-Chloroethyl)ether
Concen: 0.77 ng
RT: 7.16 min Scan# 762
Delta R.T. 0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

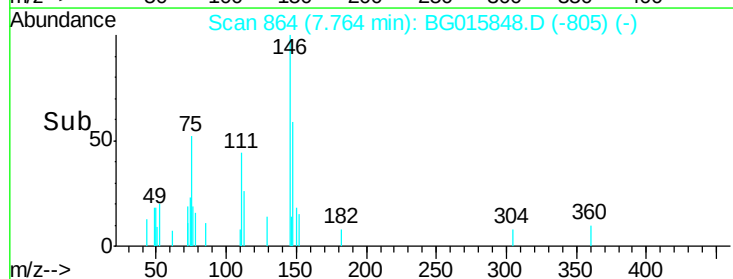
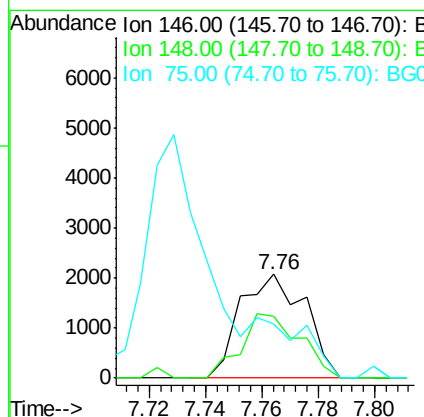
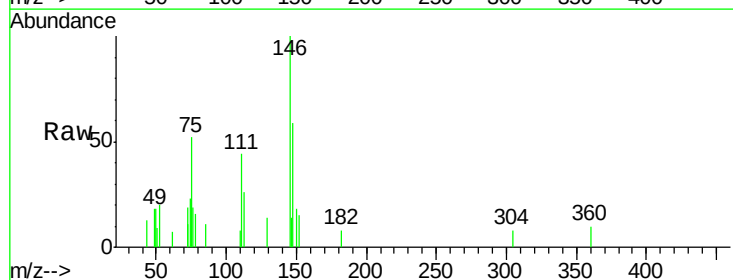
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

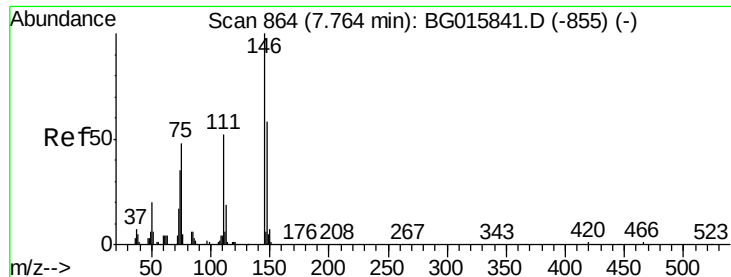
Tgt Ion: 93 Resp: 2614
Ion Ratio Lower Upper
93 100
63 64.1 45.1 85.1
95 25.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 0.87 ng
RT: 7.76 min Scan# 864
Delta R.T. 0.14 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion: 146 Resp: 3292
Ion Ratio Lower Upper
146 100
148 58.9 52.5 78.7
75 52.2 38.9 58.3

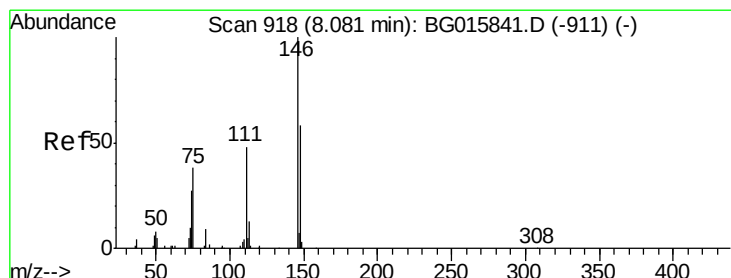
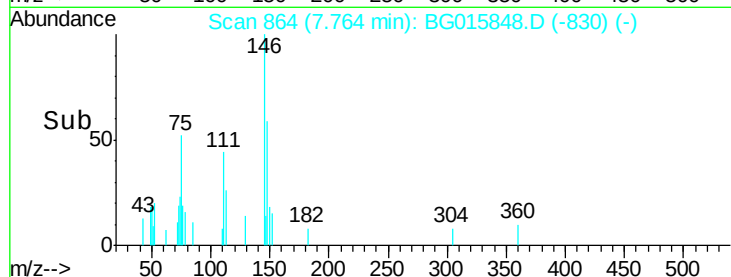
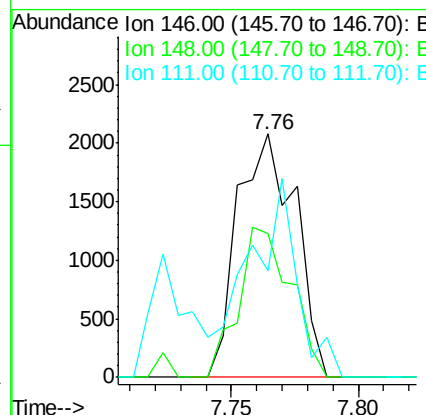
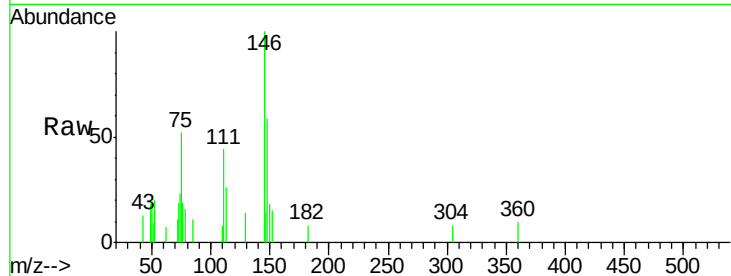




#13
1,4-Dichlorobenzene
Concen: 0.85 ng
RT: 7.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

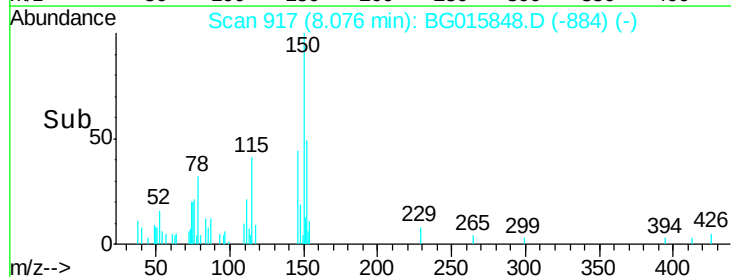
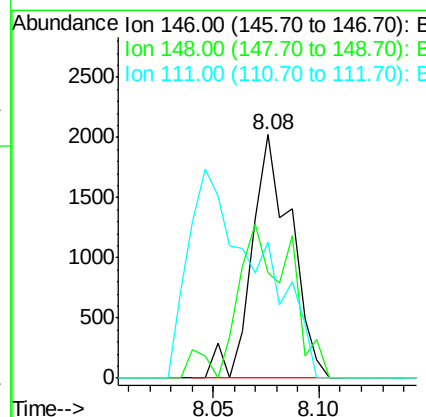
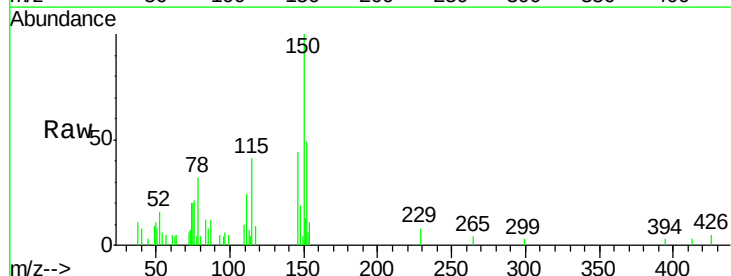
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

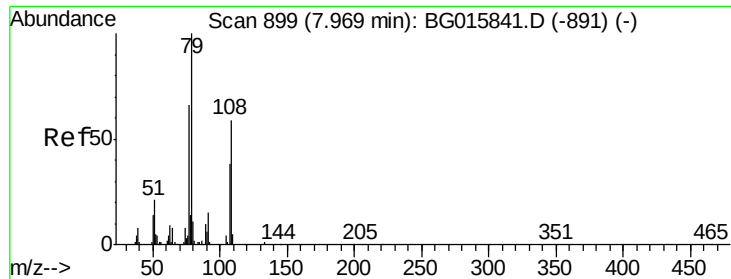
Tgt Ion:146 Resp: 3292
Ion Ratio Lower Upper
146 100
148 58.9 46.5 69.7
111 43.6 41.8 62.6



#14
1,2-Dichlorobenzene
Concen: 0.71 ng
RT: 8.08 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:146 Resp: 2612
Ion Ratio Lower Upper
146 100
148 43.4 46.7 70.1#
111 55.9 39.6 59.4

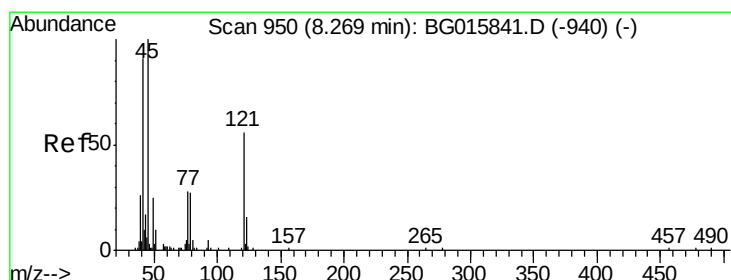
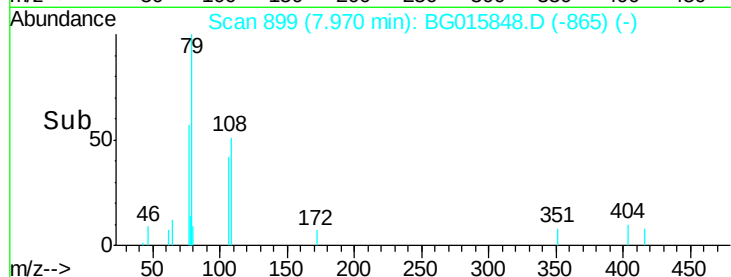
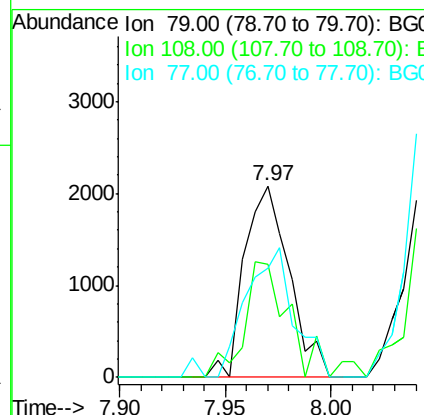
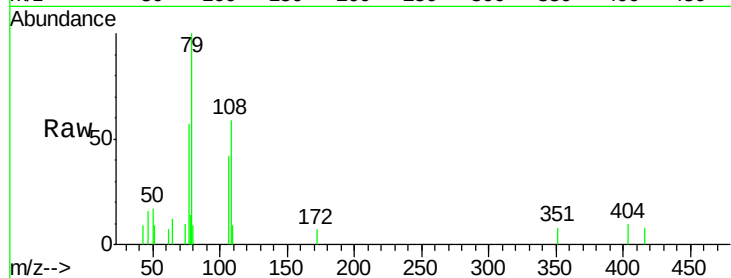




#15
Benzyl Alcohol
Concen: 0.74 ng
RT: 7.97 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

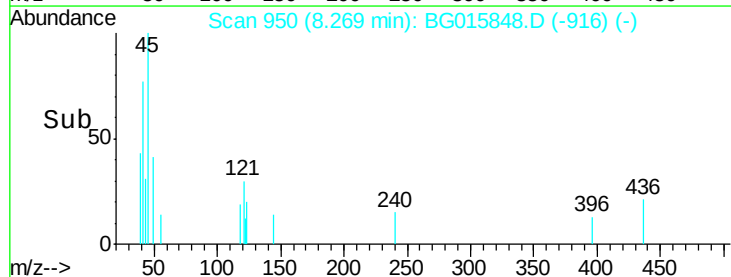
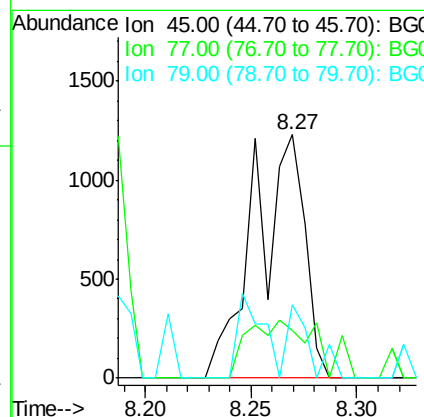
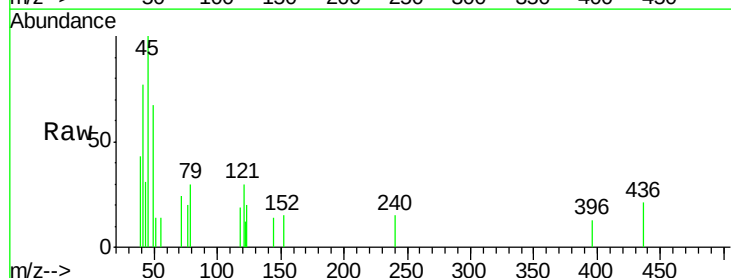
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

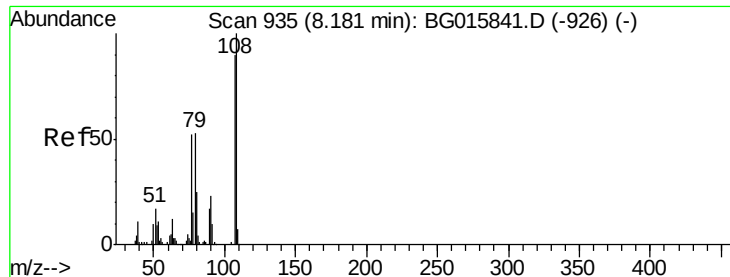
Tgt Ion: 79 Resp: 3056
Ion Ratio Lower Upper
79 100
108 59.3 47.0 70.4
77 57.1 53.1 79.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.92 ng
RT: 8.27 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion: 45 Resp: 2002
Ion Ratio Lower Upper
45 100
77 19.8 9.7 49.7
79 30.2 7.8 47.8

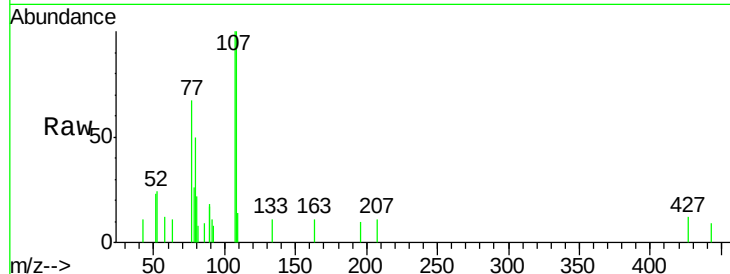




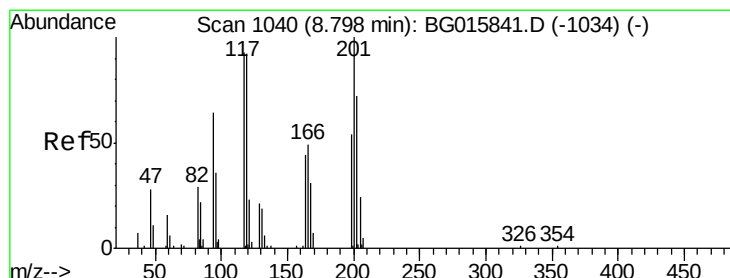
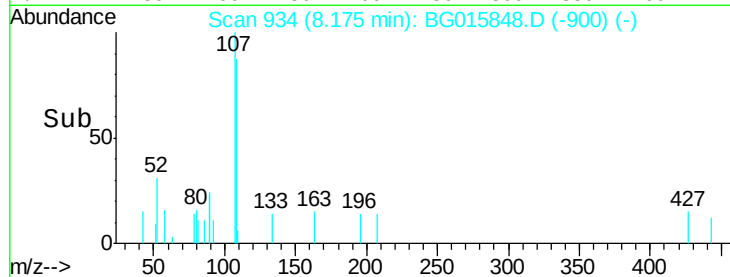
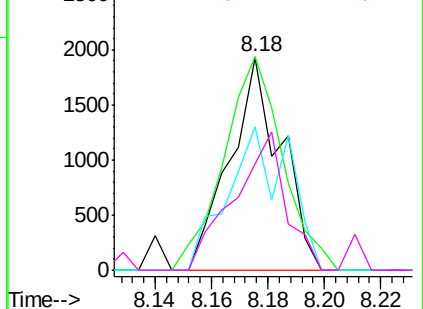
#17
2-Methylphenol
Concen: 0.77 ng
RT: 8.18 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	107	Resp:	2430
Ion	Ratio	Lower	Upper
107	100		
108	100.4	88.9	133.3
77	67.7	46.6	69.8
79	50.1	47.6	71.4

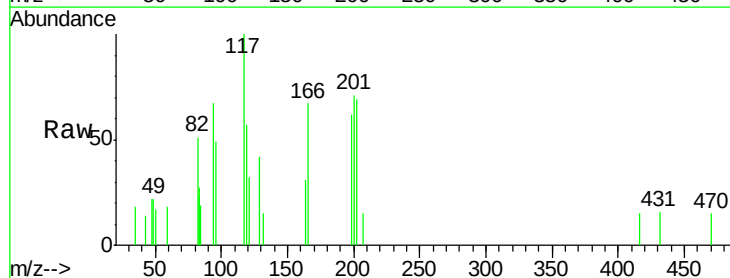


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

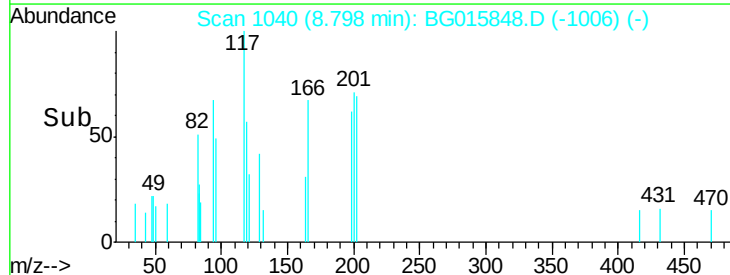
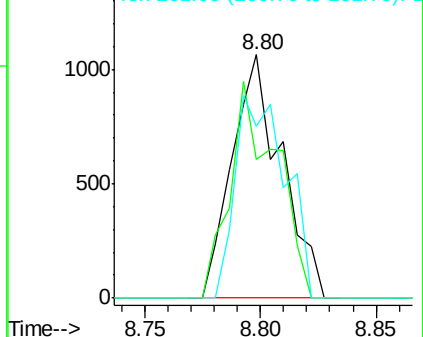


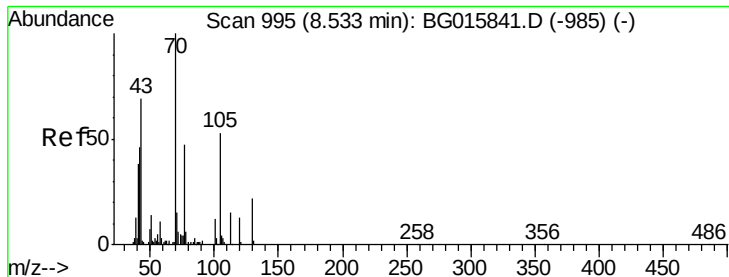
#18
Hexachloroethane
Concen: 0.89 ng
RT: 8.80 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:	117	Resp:	1588
Ion	Ratio	Lower	Upper
117	100		
119	56.7	79.5	119.3#
201	70.5	84.8	127.2#



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

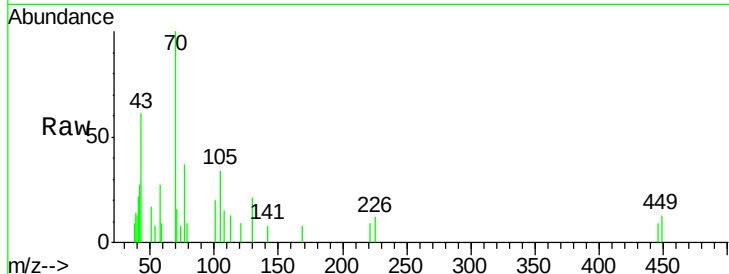




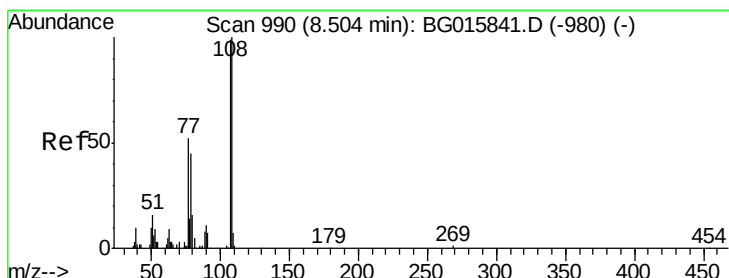
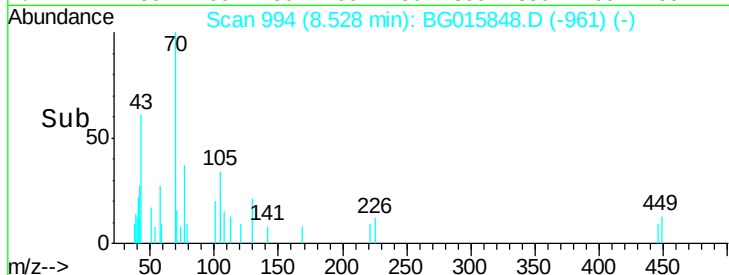
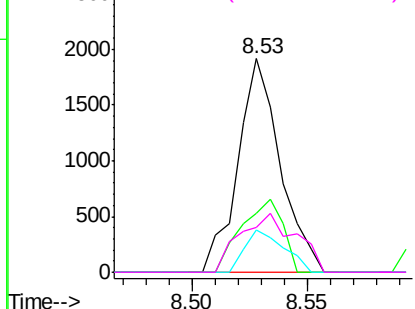
#19
n-Nitroso-di-n-propylamine
Concen: 0.74 ng
RT: 8.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 70 Resp: 2449
Ion Ratio Lower Upper
70 100
42 27.5 36.6 54.8#
101 19.6 9.4 14.2#
130 21.1 17.4 26.2

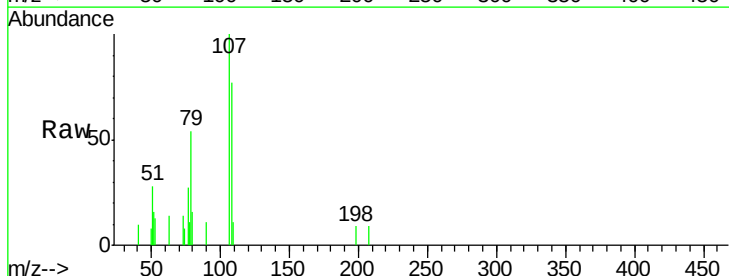


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

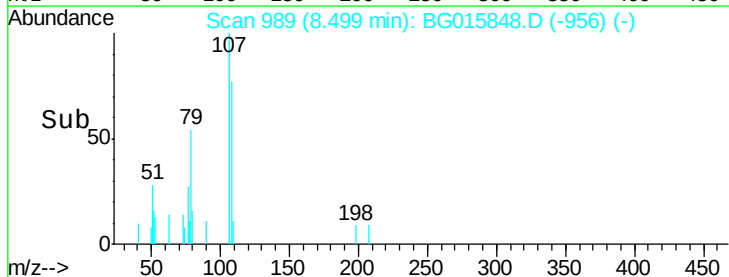
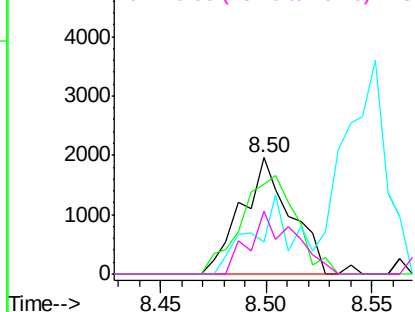


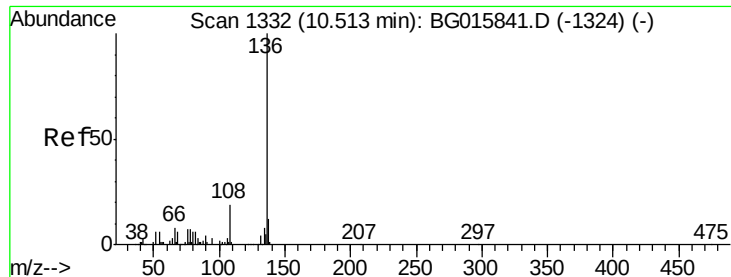
#20
3+4-Methylphenols
Concen: 0.75 ng
RT: 8.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion: 107 Resp: 3174
Ion Ratio Lower Upper
107 100
108 77.0 80.9 120.9#
77 27.4 32.1 72.1#
79 54.0 24.9 64.9



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

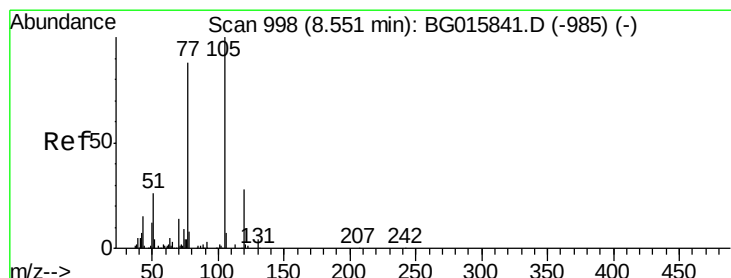
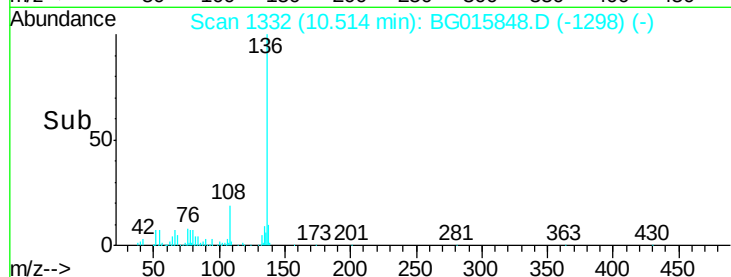
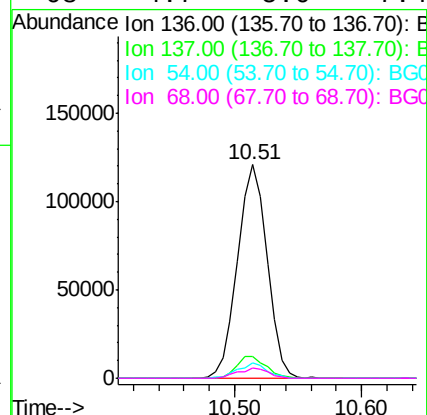
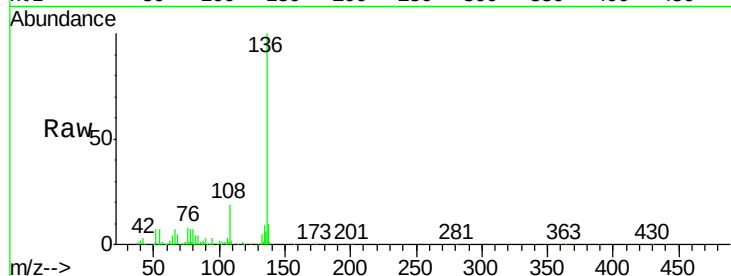




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

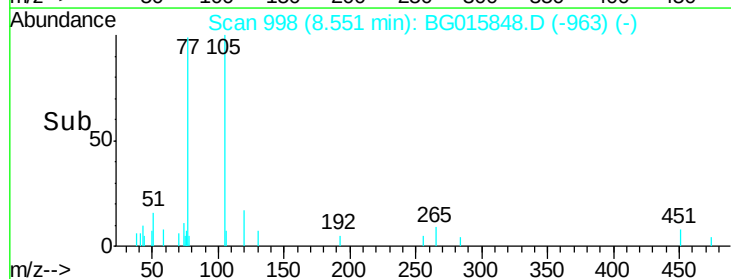
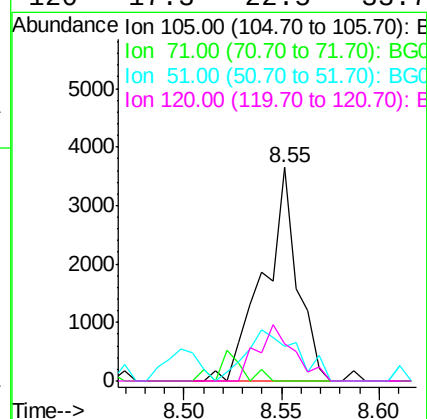
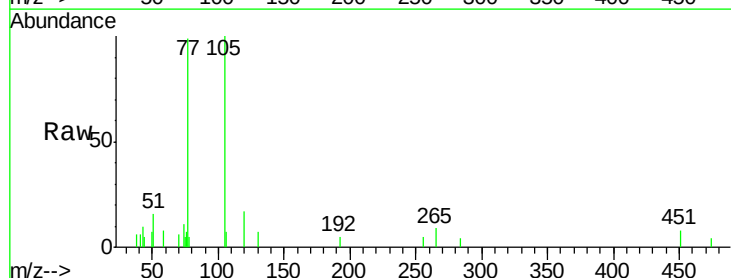
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

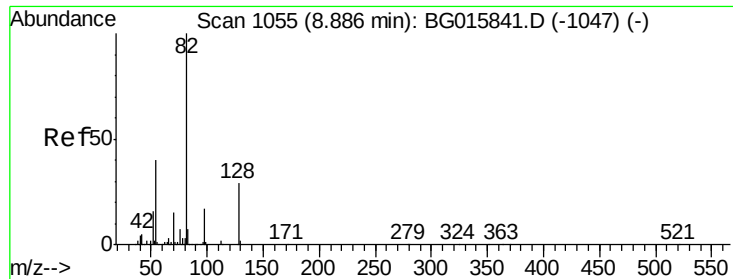
Tgt Ion:	136	Resp:	194877
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.6	14.4
54	7.1	4.5	6.7#
68	4.7	5.0	7.4#



#22
Acetophenone
Concen: 0.76 ng
RT: 8.55 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:	105	Resp:	4351
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	16.4	21.4	32.2#
120	17.3	22.5	33.7#

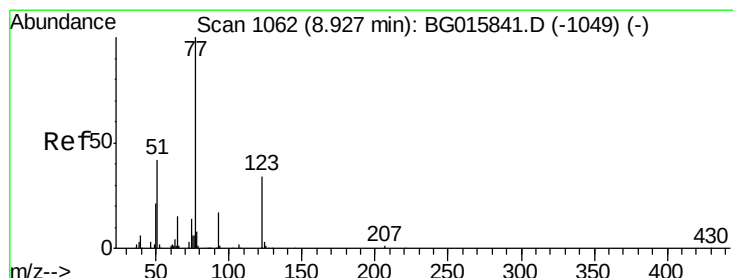
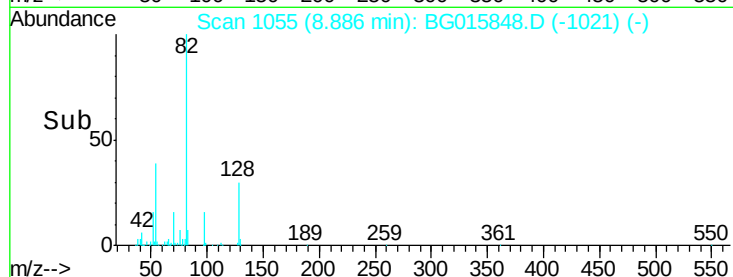
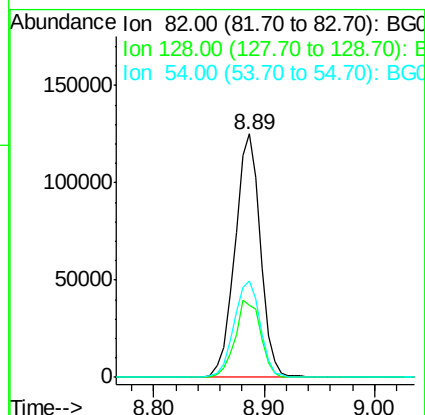
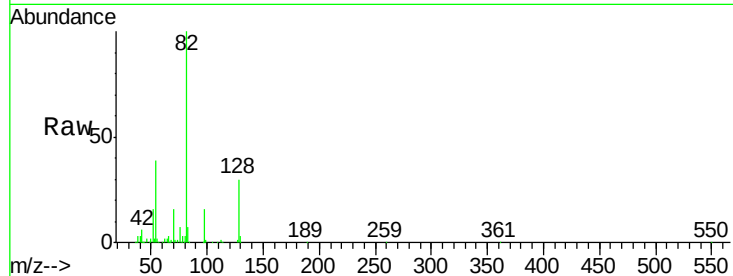




#23
 Nitrobenzene-d5
 Concen: 20.33 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

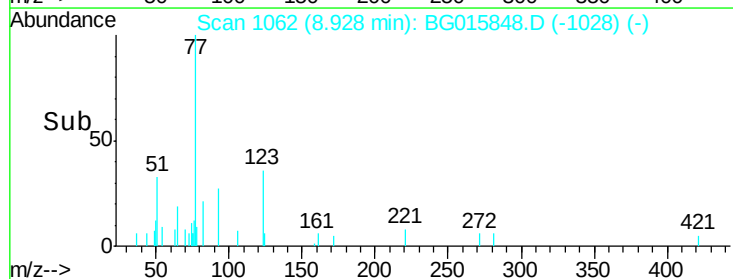
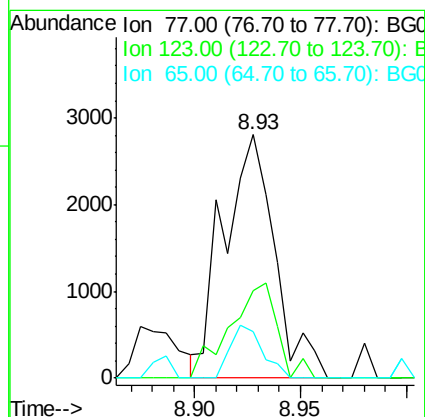
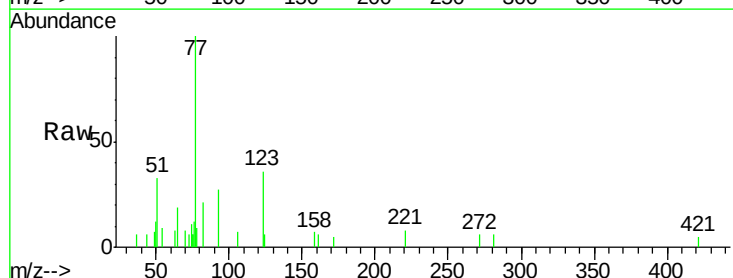
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

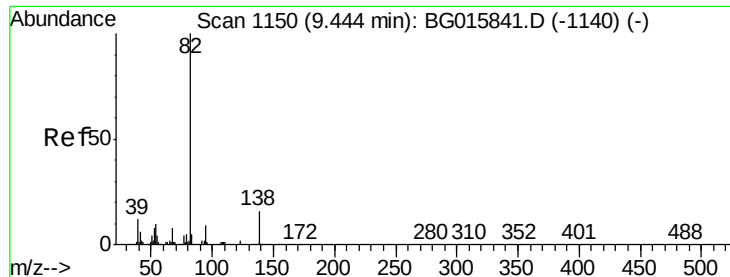
Tgt Ion	Ratio	Lower	Upper
82	100		
128	29.6	23.4	35.0
54	39.4	32.3	48.5



#24
 Nitrobenzene
 Concen: 0.94 ng
 RT: 8.93 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.9	27.0	40.4
65	19.1	12.0	18.0#





#25

Isophorone

Concen: 0.71 ng

RT: 9.44 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

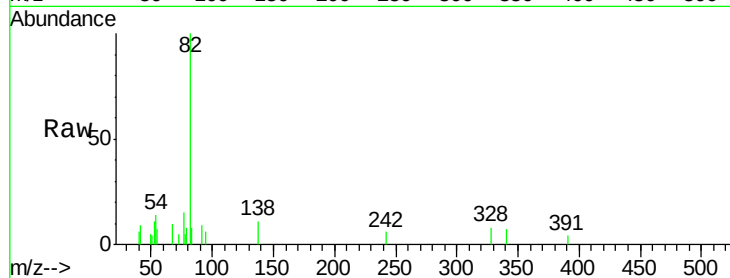
Tgt Ion: 82 Resp: 6235

Ion Ratio Lower Upper

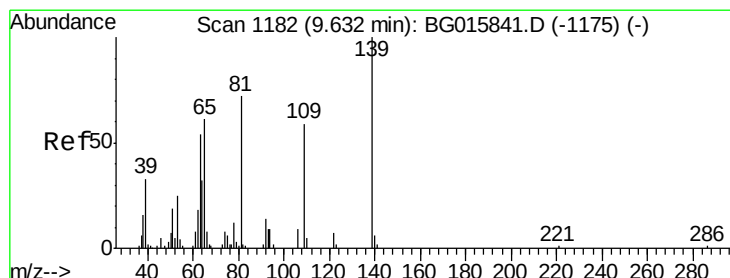
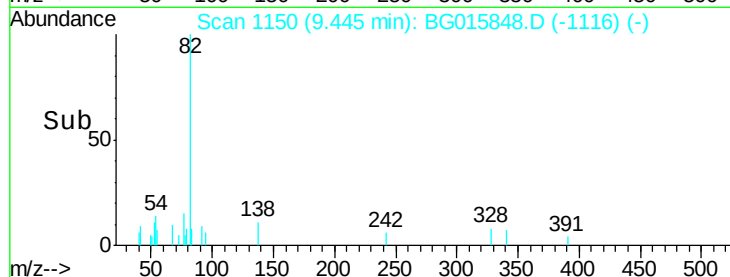
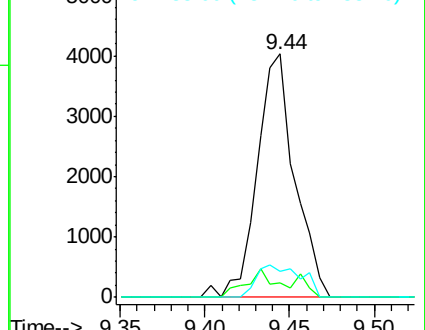
82 100

95 5.9 7.5 11.3#

138 10.8 12.6 18.8#



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



#26

2-Nitrophenol

Concen: 0.62 ng

RT: 9.64 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

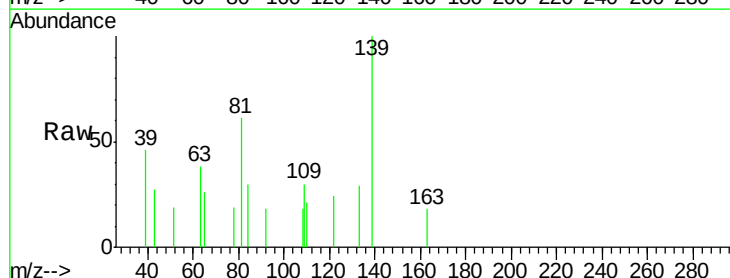
Tgt Ion: 139 Resp: 1196

Ion Ratio Lower Upper

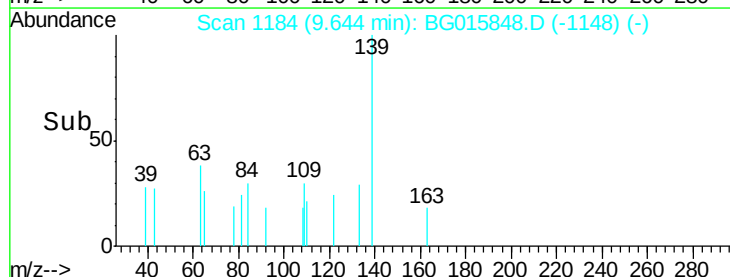
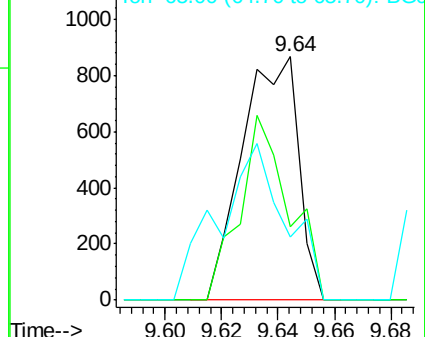
139 100

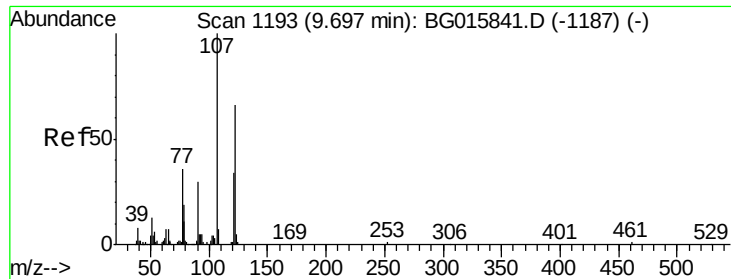
109 30.3 47.0 70.4#

65 26.0 48.5 72.7#



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

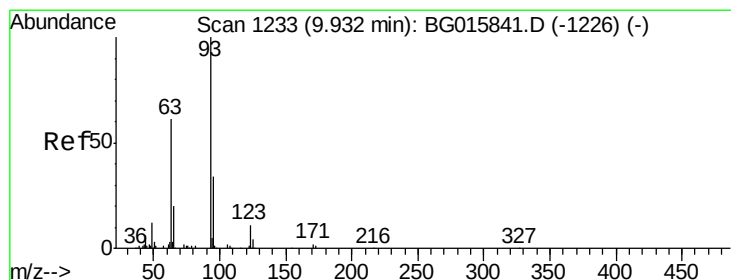
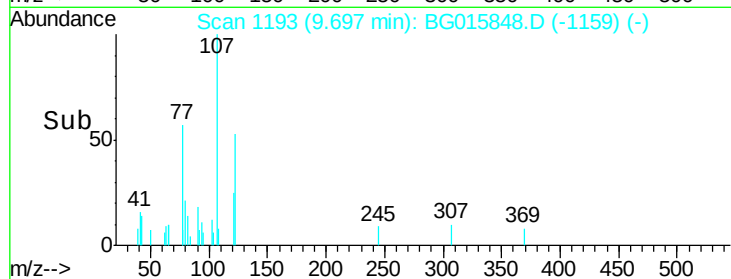
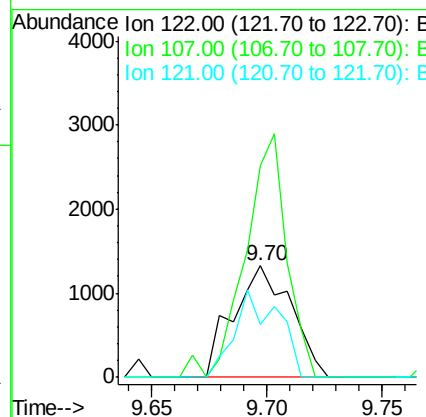
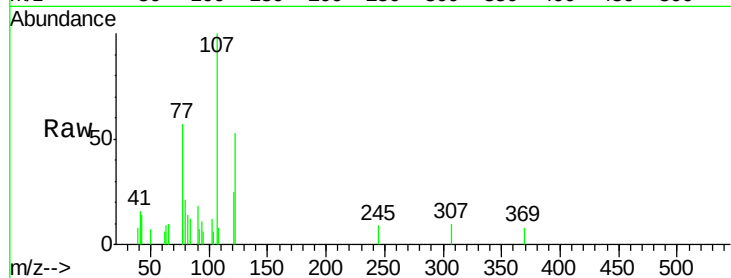




#27
 2,4-Dimethylphenol
 Concen: 0.72 ng
 RT: 9.70 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

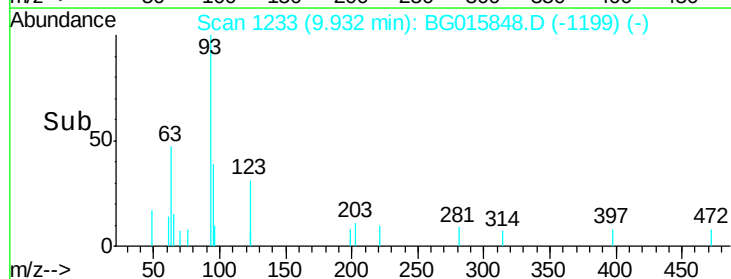
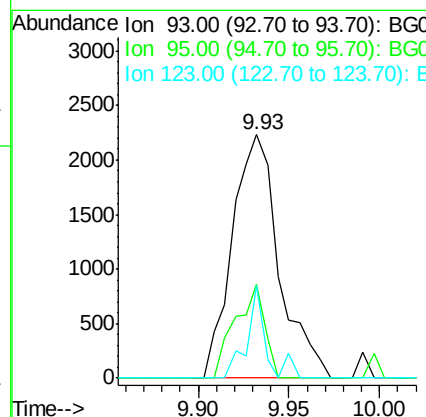
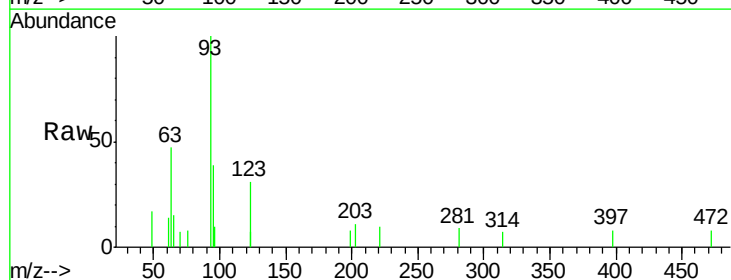
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

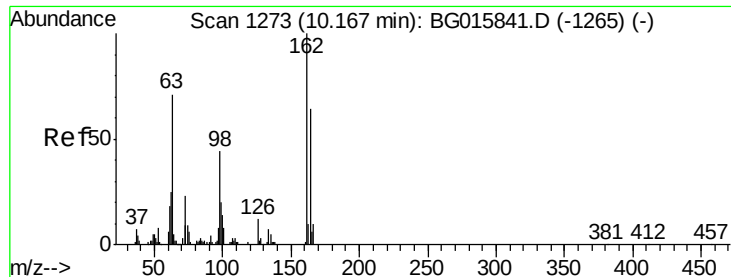
Tgt Ion	Ratio	Lower	Upper
122	100		
107	189.4	120.8	181.2#
121	46.9	41.2	61.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.92 ng
 RT: 9.93 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	38.8	27.5	41.3
123	38.2	9.1	13.7#

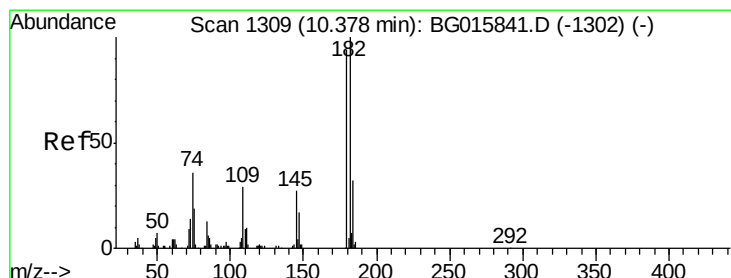
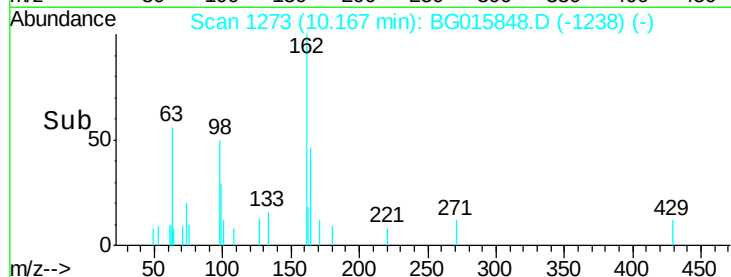
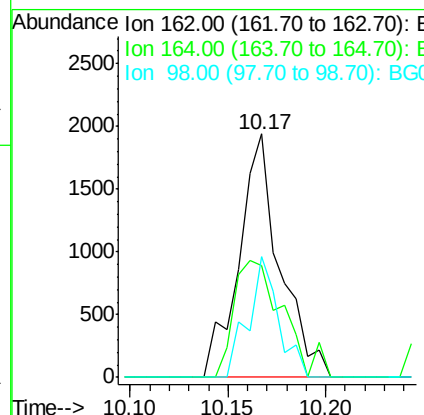
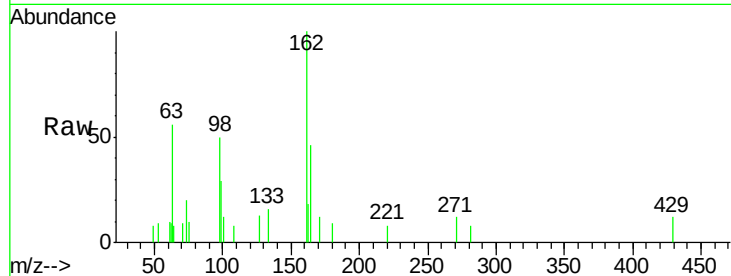




#29
 2,4-Dichlorophenol
 Concen: 0.87 ng
 RT: 10.17 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

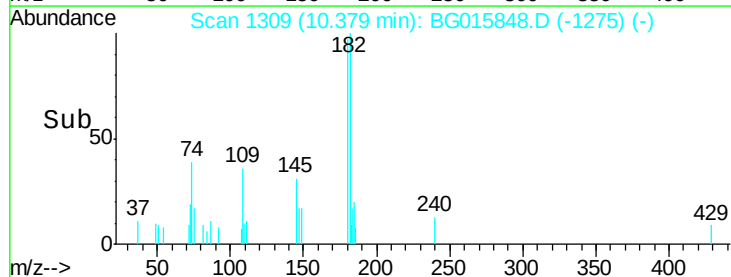
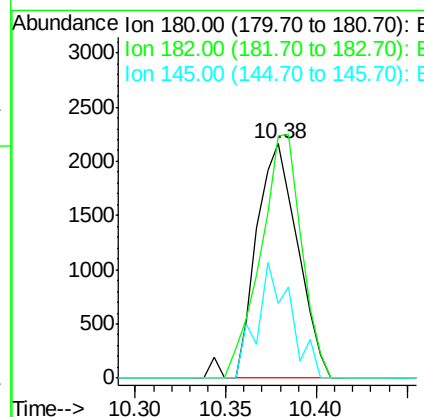
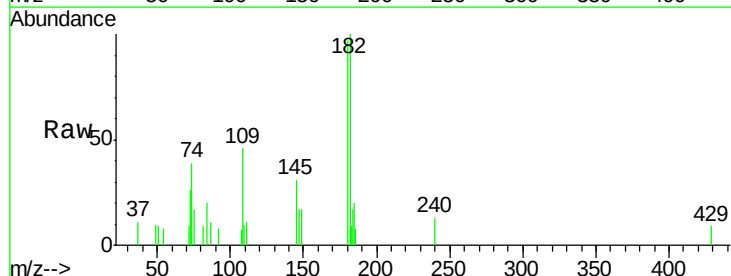
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

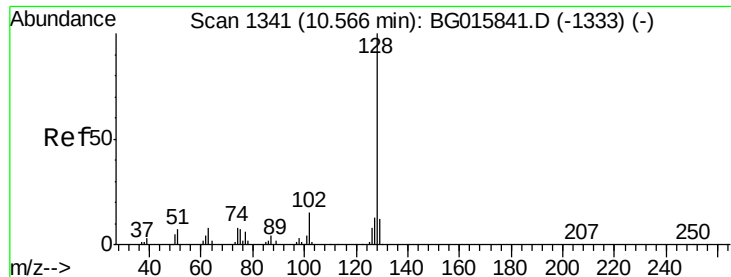
Tgt Ion	Ratio	Lower	Upper
162	100		
164	46.1	44.0	84.0
98	49.8	24.2	64.2



#30
 1,2,4-Trichlorobenzene
 Concen: 0.81 ng
 RT: 10.38 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	112.6	84.8	127.2
145	31.8	22.8	34.2

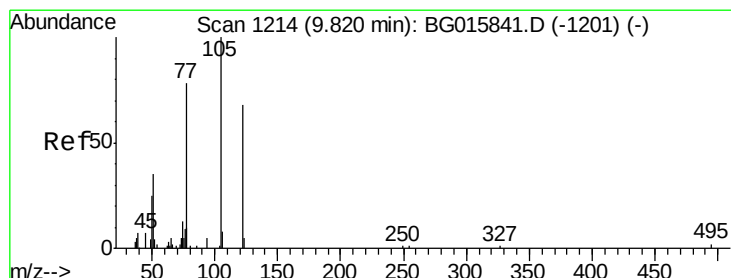
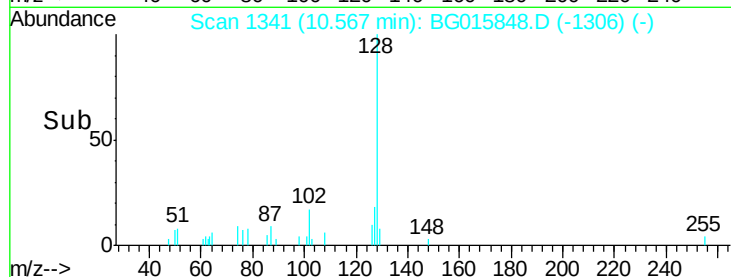
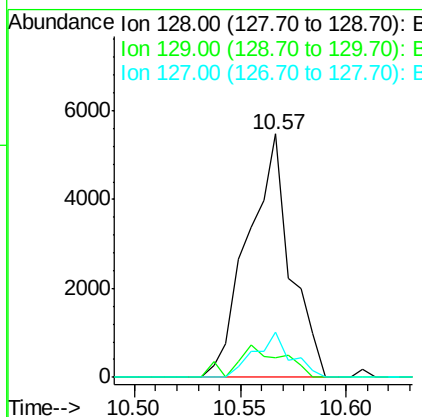
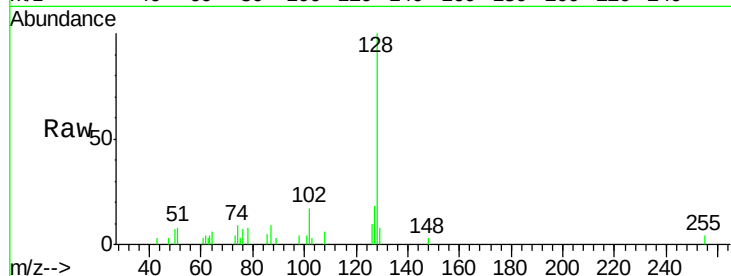




#31
Naphthalene
Concen: 0.74 ng
RT: 10.57 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

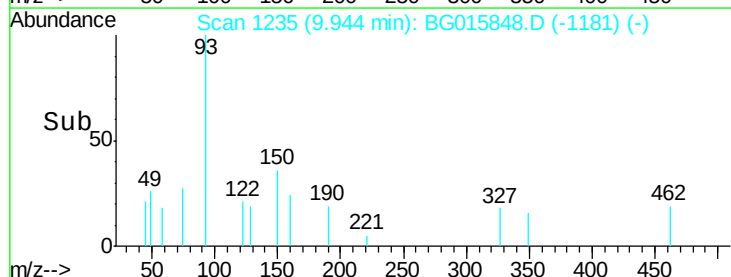
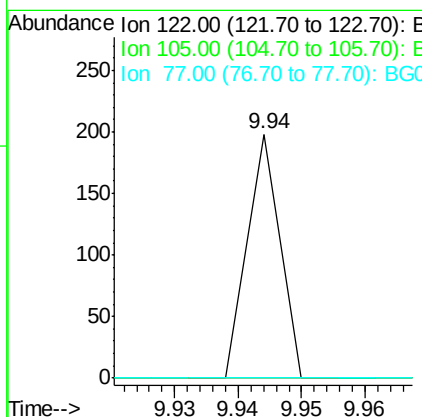
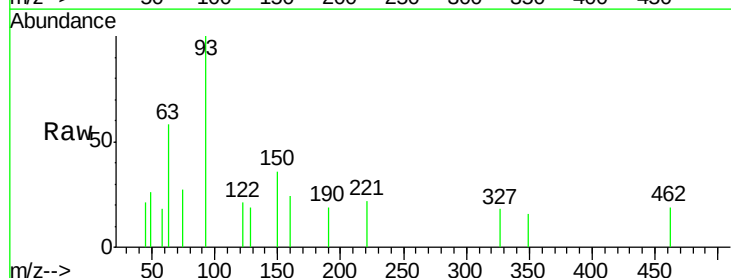
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

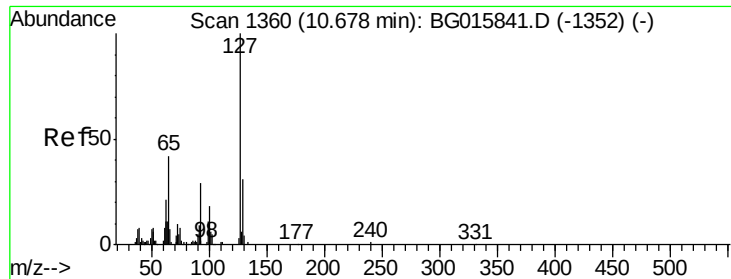
Tgt Ion:128 Resp: 7671
Ion Ratio Lower Upper
128 100
129 8.2 9.4 14.2#
127 18.4 10.6 15.8#



#32
Benzoic acid
Concen: 0.05 ng
RT: 9.94 min Scan# 1235
Delta R.T. 0.12 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 123.7 163.7#
77 0.0 92.4 132.4#

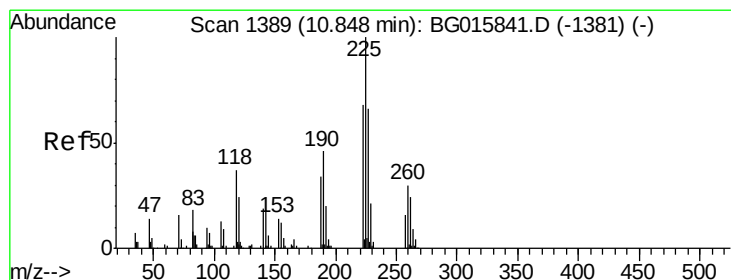
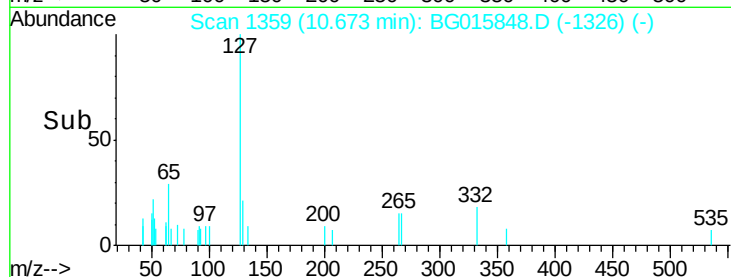
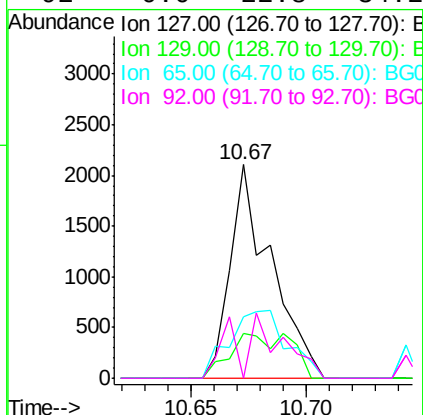
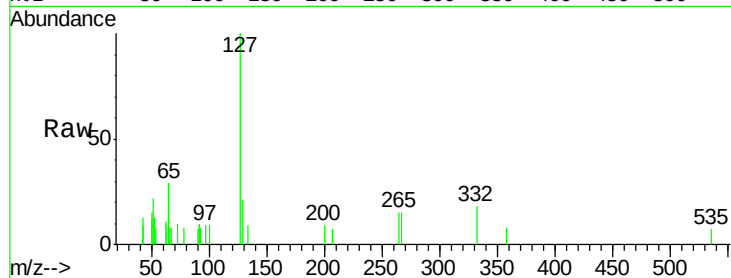




#33
4-Chloroaniline
Concen: 0.62 ng
RT: 10.67 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

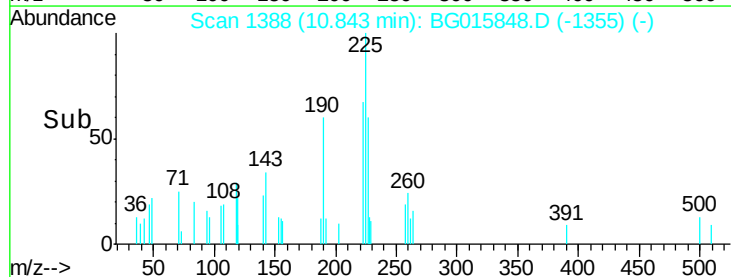
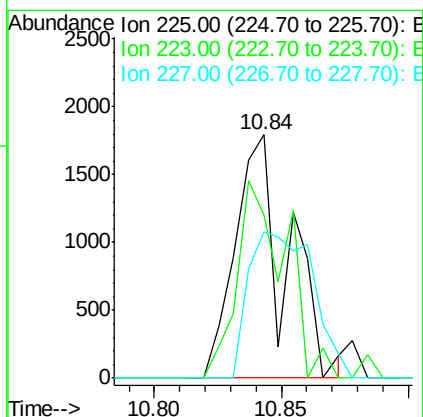
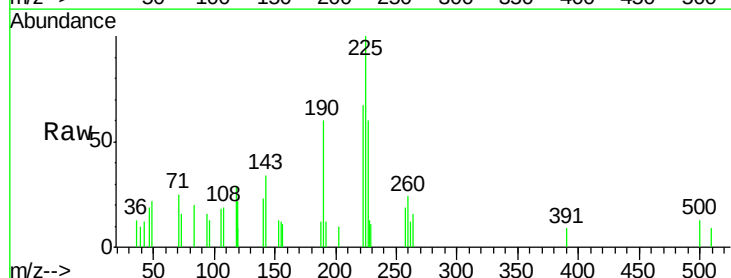
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

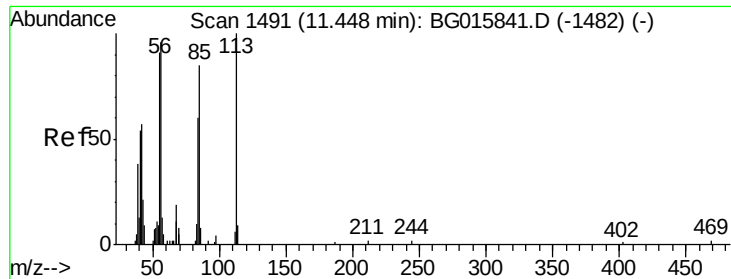
Tgt Ion:	127	Resp:	2590
Ion	Ratio	Lower	Upper
127	100		
129	20.8	25.0	37.6#
65	28.9	33.3	49.9#
92	0.0	22.8	34.2#



#34
Hexachlorobutadiene
Concen: 0.64 ng
RT: 10.84 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:	225	Resp:	2526
Ion	Ratio	Lower	Upper
225	100		
223	67.0	54.6	81.8
227	73.3	50.4	75.6





#35

Caprolactam

Concen: 0.94 ng

RT: 11.44 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

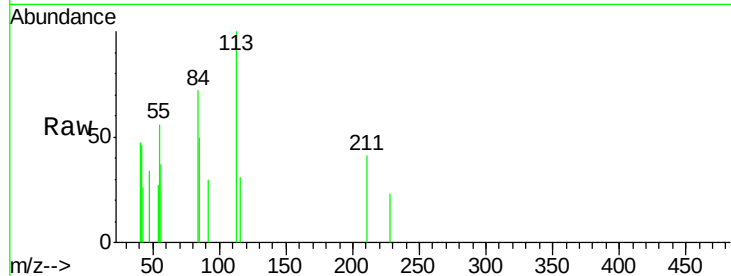
Tgt Ion:113 Resp: 1333

Ion Ratio Lower Upper

113 100

55 55.6 71.3 111.3#

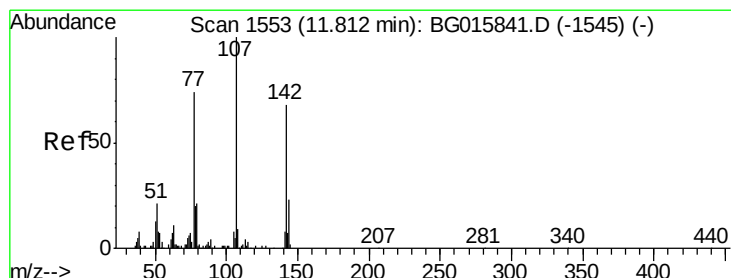
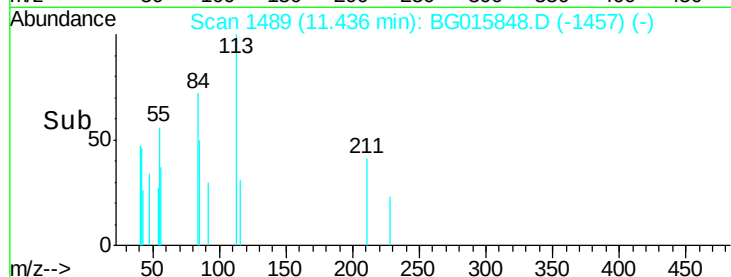
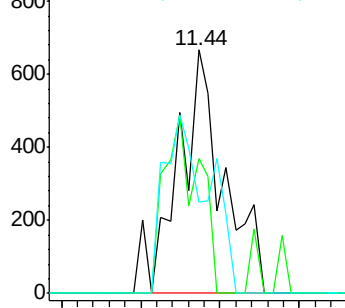
56 37.3 76.0 116.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.89 ng

RT: 11.81 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

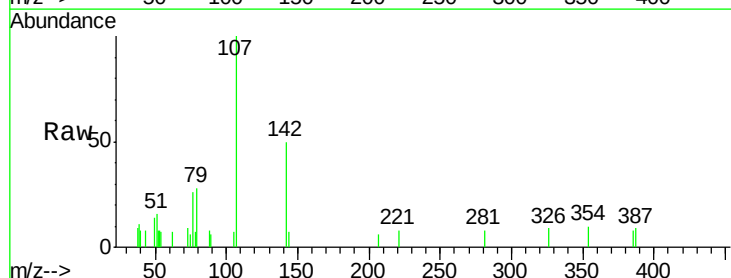
Tgt Ion:107 Resp: 3776

Ion Ratio Lower Upper

107 100

144 7.0 18.2 27.2#

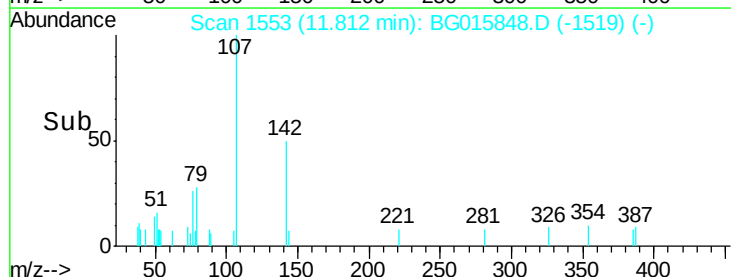
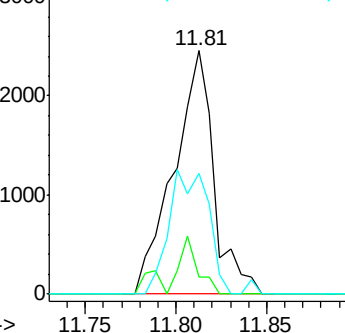
142 49.6 54.7 82.1#

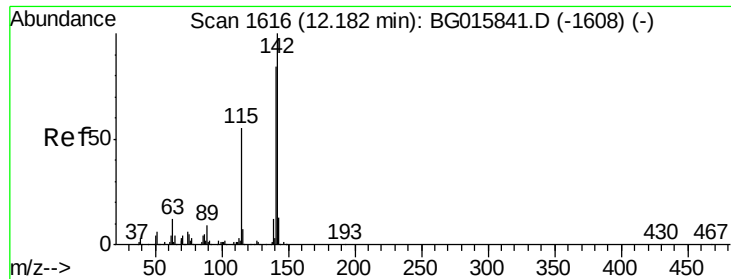


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

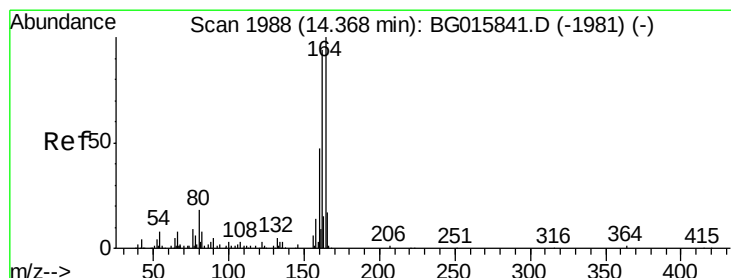
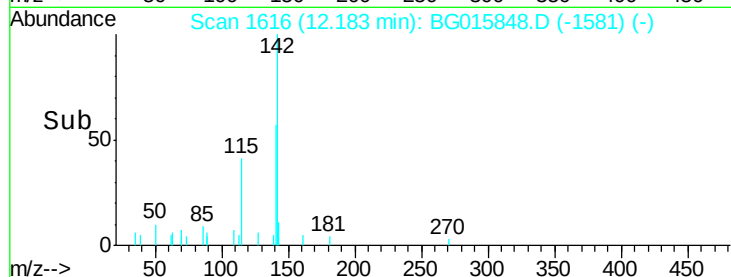
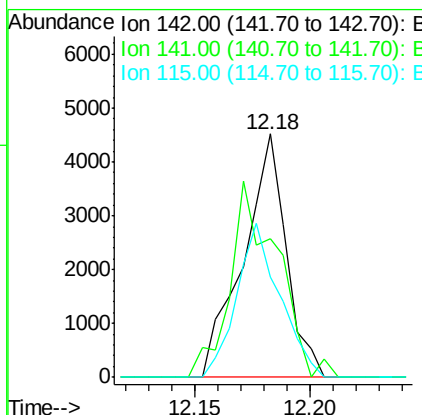
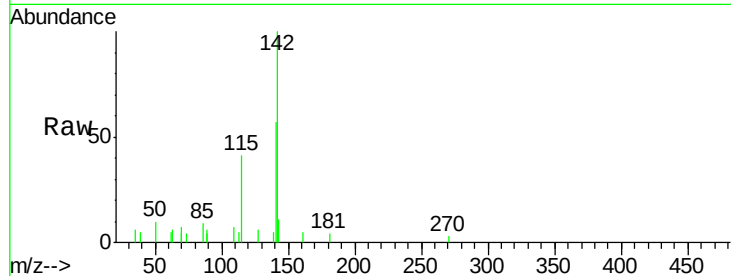




#37
2-Methylnaphthalene
Concen: 0.76 ng
RT: 12.18 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

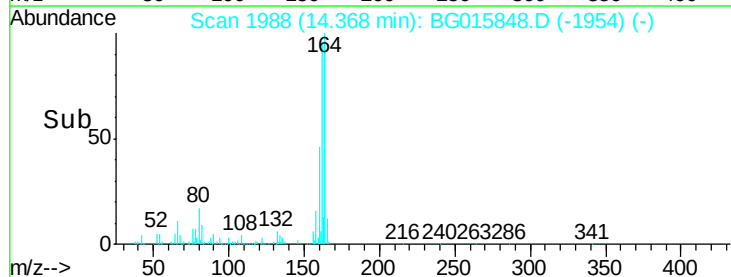
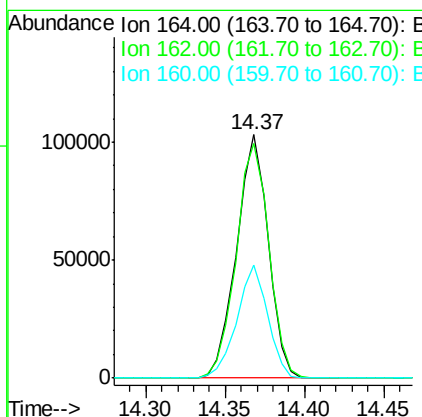
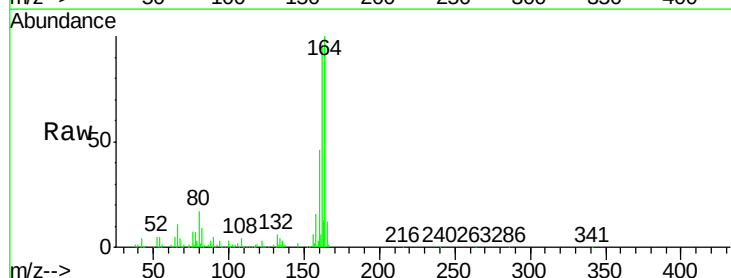
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

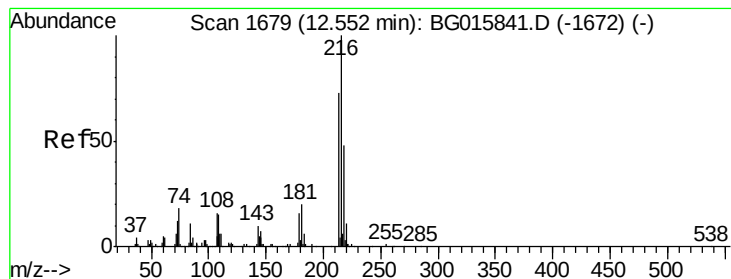
Tgt Ion:142 Resp: 5839
Ion Ratio Lower Upper
142 100
141 57.1 67.3 100.9#
115 41.2 44.3 66.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:164 Resp: 143061
Ion Ratio Lower Upper
164 100
162 96.3 75.5 113.3
160 46.4 37.4 56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.88 ng

RT: 12.55 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:216 Resp: 4684

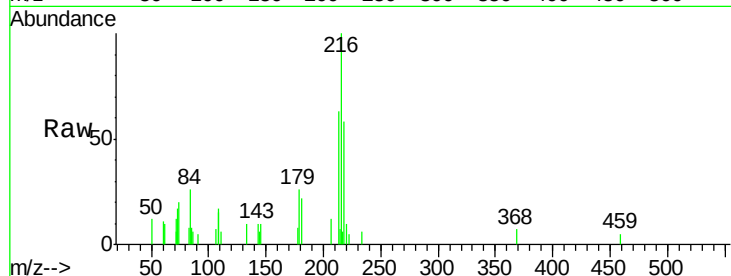
Ion Ratio Lower Upper

216 100

214 77.3 61.5 92.3

179 22.4 15.8 23.8

108 15.7 17.8 26.6#

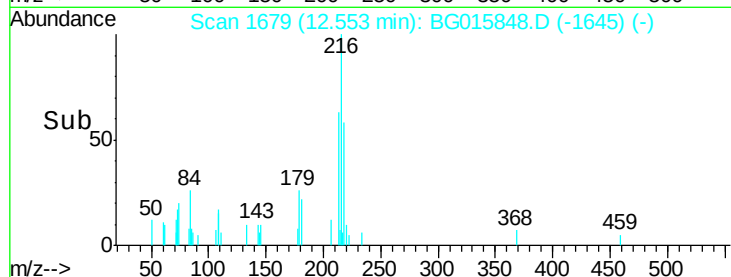


Abundance Ion 216.00 (215.70 to 216.70): E

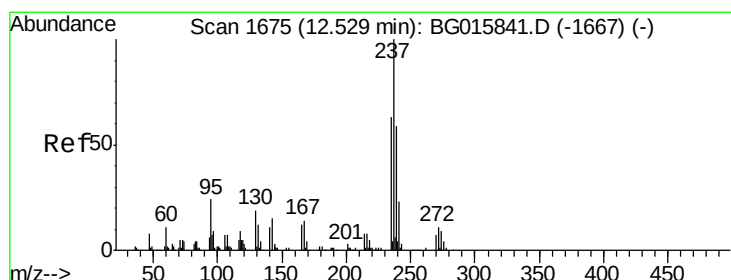
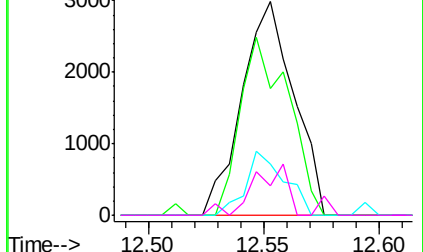
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 0.33 ng

RT: 12.52 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

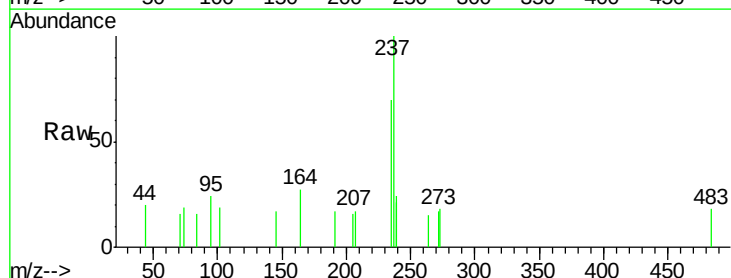
Tgt Ion:237 Resp: 1178

Ion Ratio Lower Upper

237 100

235 69.7 43.2 83.2

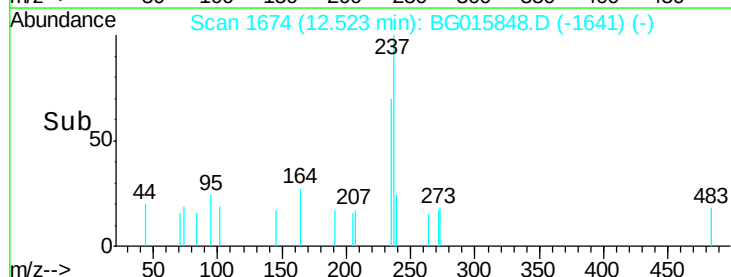
272 17.3 0.0 31.1



Abundance Ion 236.80 (236.50 to 237.50): E

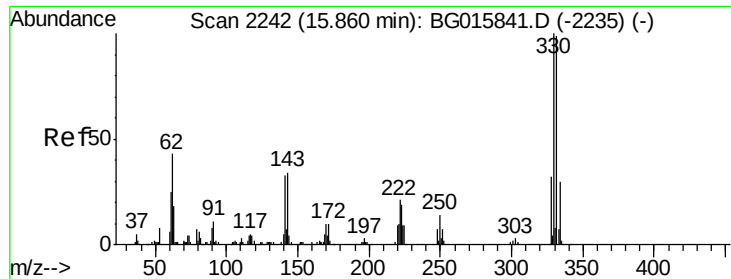
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

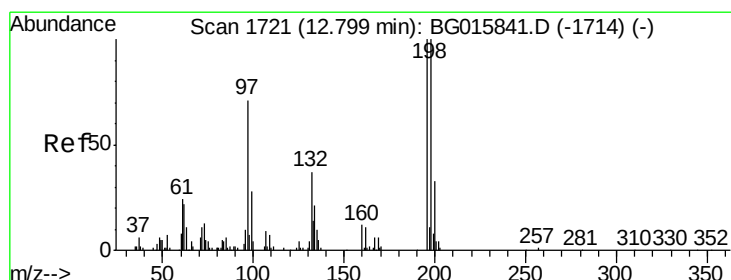
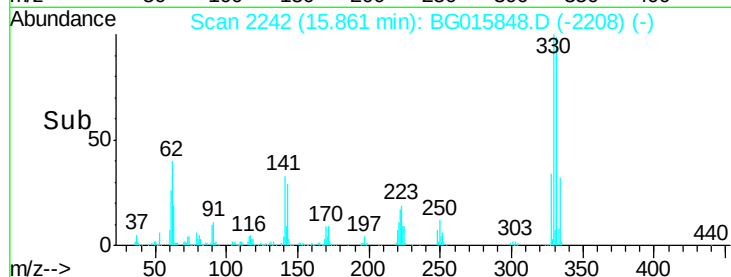
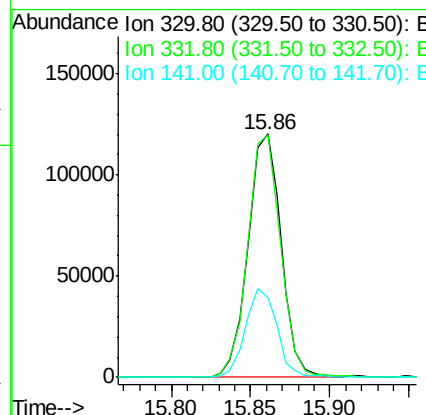
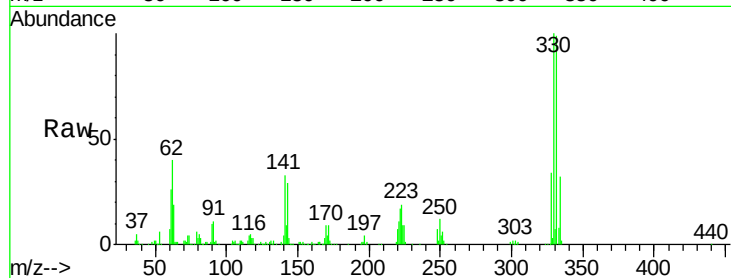




#41
 2,4,6-Tribromophenol
 Concen: 32.06 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

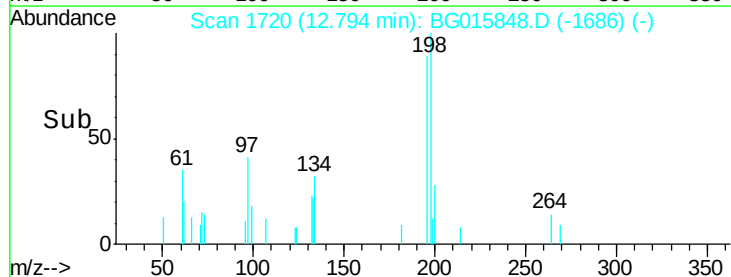
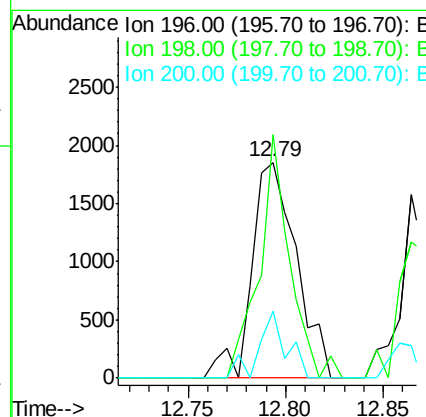
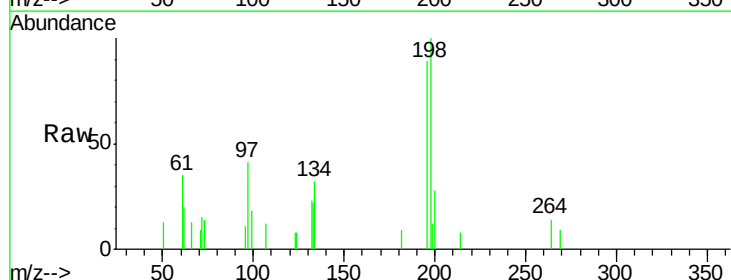
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

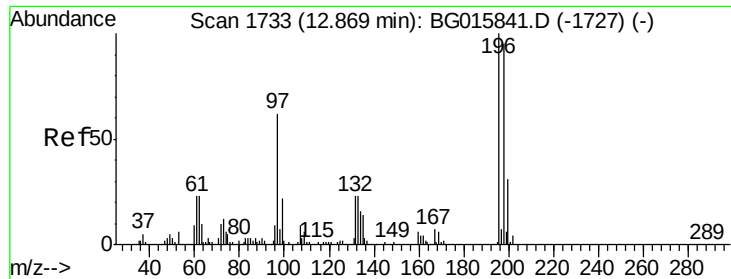
Tgt Ion:330 Resp: 174329
 Ion Ratio Lower Upper
 330 100
 332 98.9 73.8 110.8
 141 35.0 27.2 40.8



#42
 2,4,6-Trichlorophenol
 Concen: 0.89 ng
 RT: 12.79 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion:196 Resp: 2922
 Ion Ratio Lower Upper
 196 100
 198 126.7 80.2 120.4#
 200 31.1 26.7 40.1

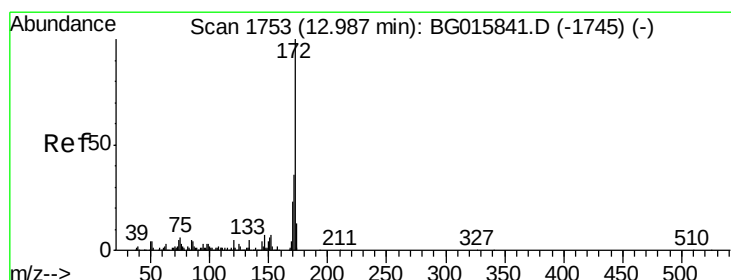
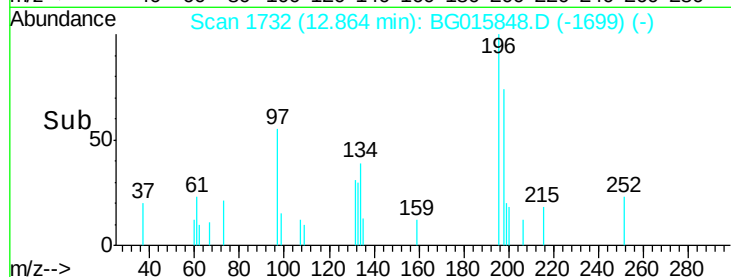
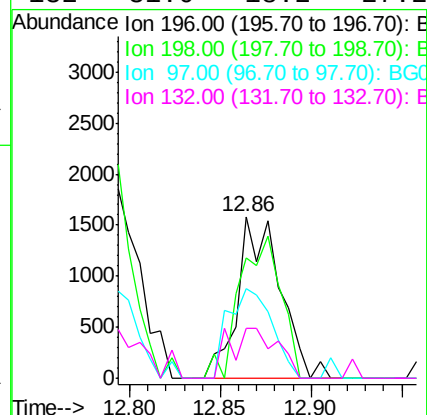
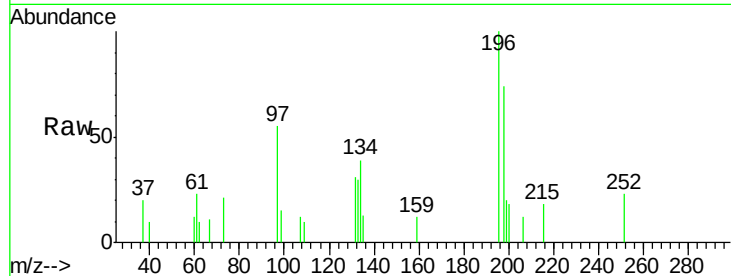




#43
2,4,5-Trichlorophenol
Concen: 0.72 ng
RT: 12.86 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

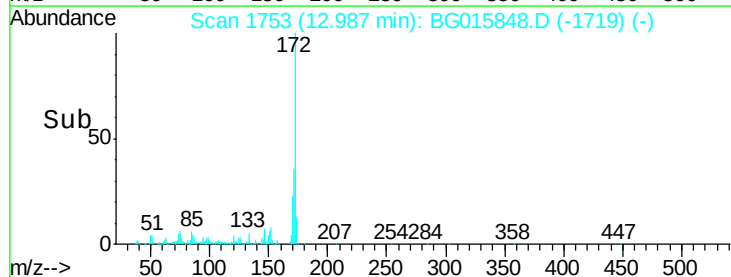
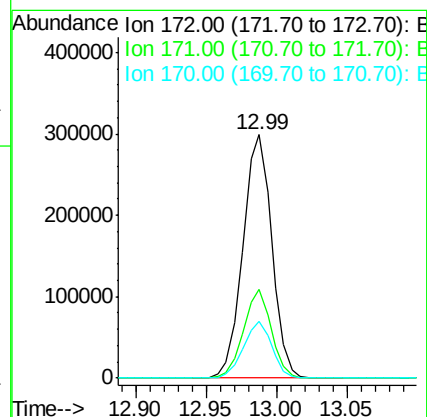
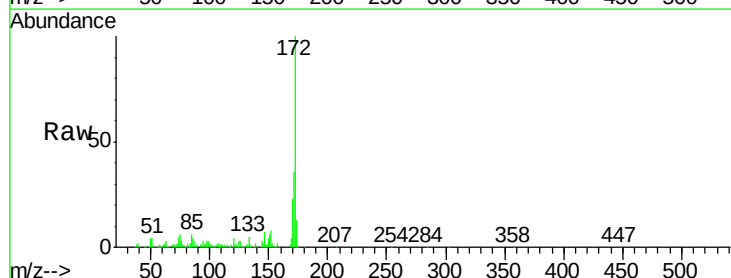
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

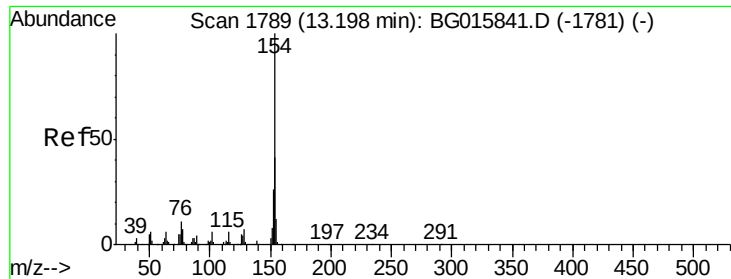
Tgt Ion:196 Resp: 2584
Ion Ratio Lower Upper
196 100
198 74.2 76.2 114.4#
97 55.3 49.6 74.4
132 31.0 18.2 27.2#



#44
2-Fluorobiphenyl
Concen: 21.30 ng
RT: 12.99 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:172 Resp: 426650
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.1 18.2 27.4

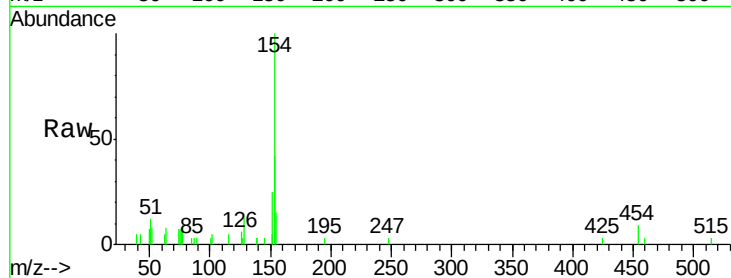




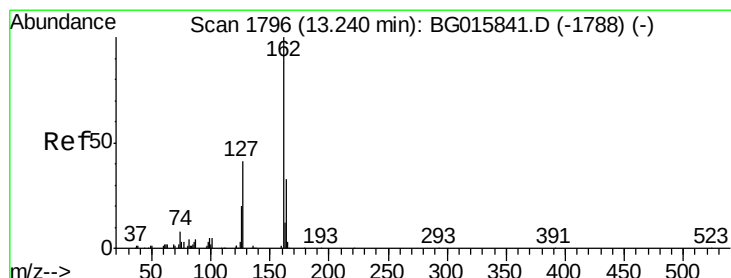
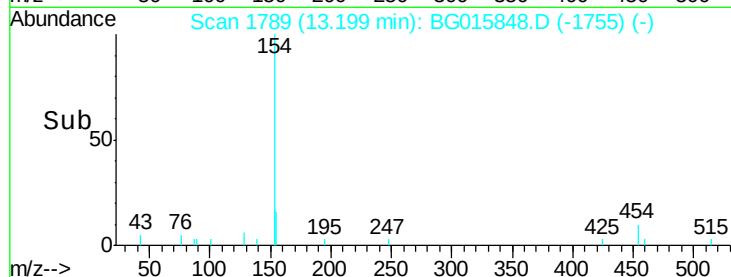
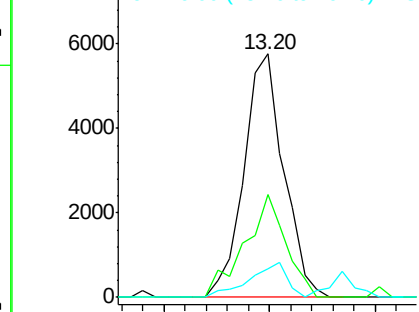
#45
 1,1'-Biphenyl
 Concen: 0.73 ng
 RT: 13.20 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:	154	Resp:	7501
Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.9	60.9
76	11.6	0.0	30.6

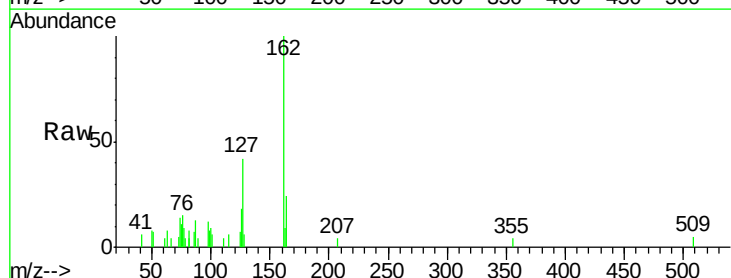


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

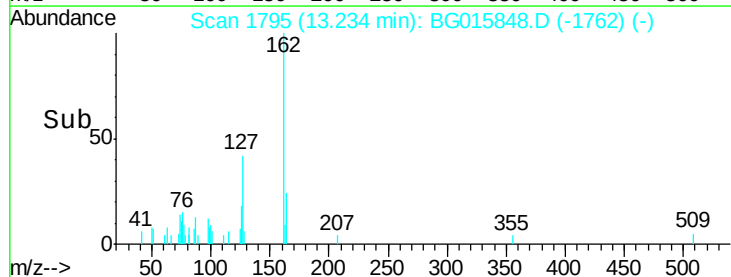
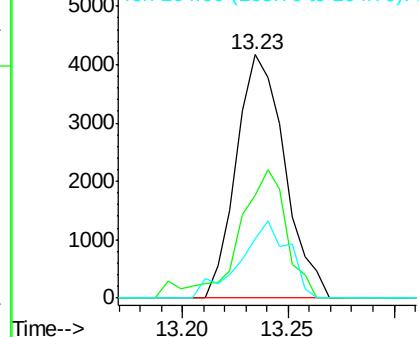


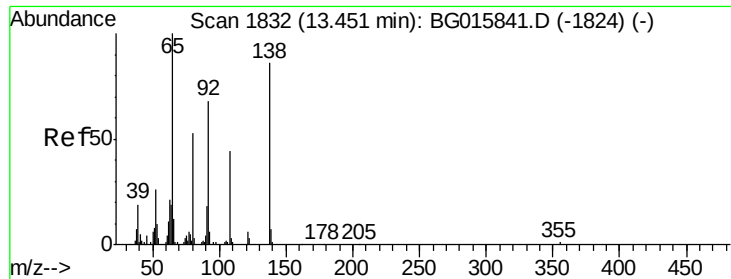
#46
 2-Chloronaphthalene
 Concen: 0.81 ng
 RT: 13.23 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion:	162	Resp:	6621
Ion	Ratio	Lower	Upper
162	100		
127	42.4	35.5	53.3
164	24.2	26.1	39.1#



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





#47

2-Nitroaniline

Concen: 0.80 ng

RT: 13.45 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

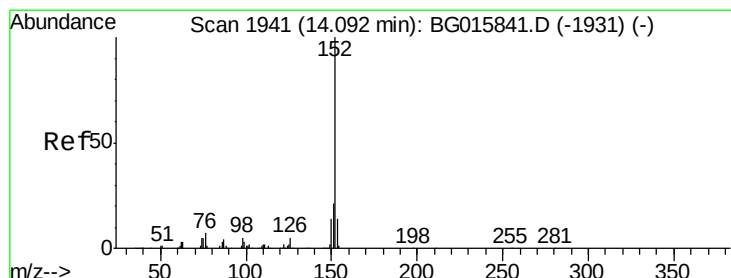
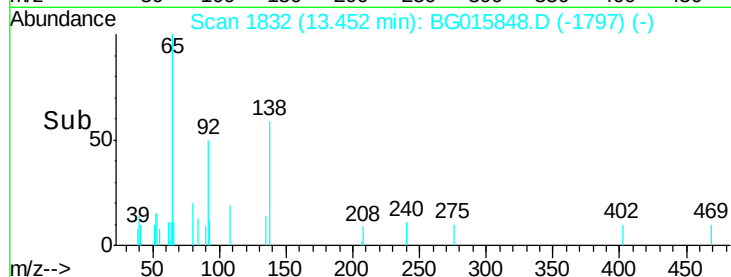
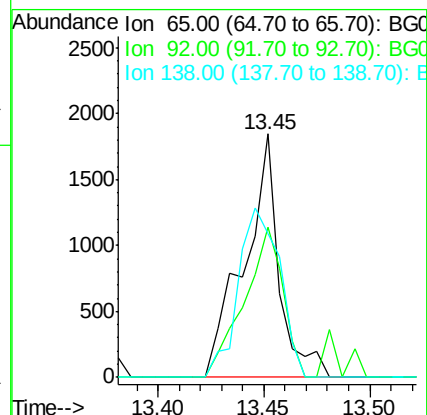
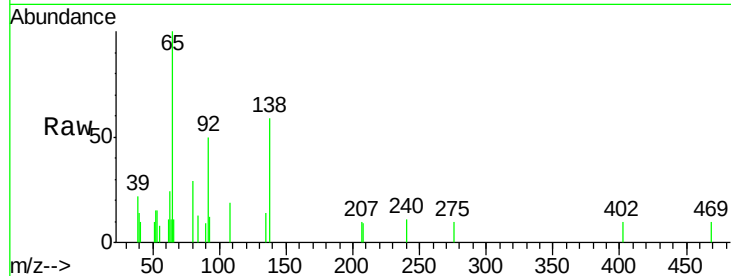
Tgt Ion: 65 Resp: 2133

Ion Ratio Lower Upper

65 100

92 61.8 54.6 81.8

138 59.1 68.4 102.6#



#48

Acenaphthylene

Concen: 0.74 ng

RT: 14.09 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

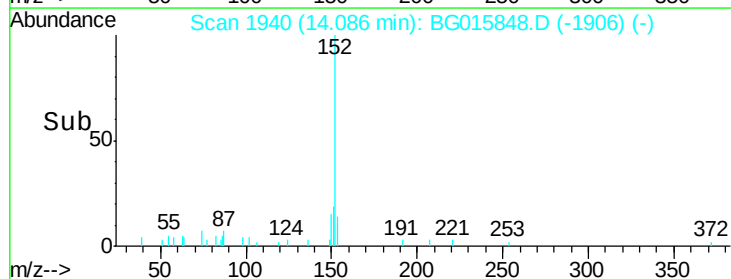
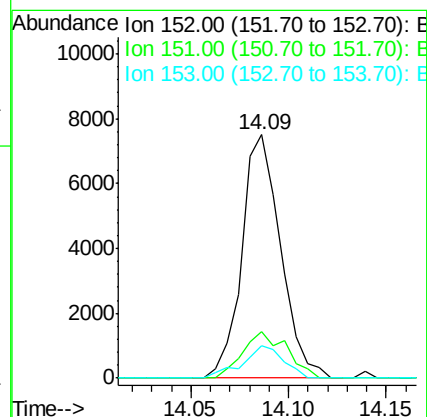
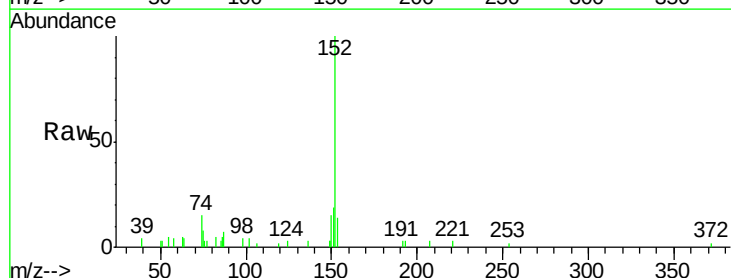
Tgt Ion: 152 Resp: 10292

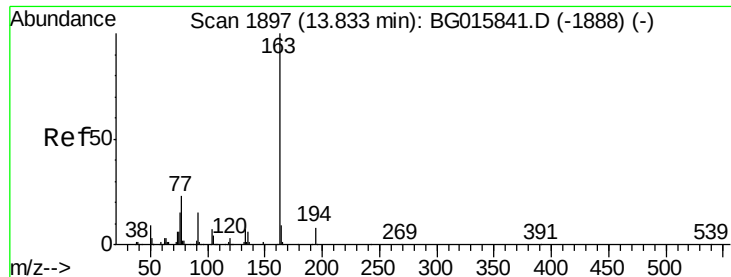
Ion Ratio Lower Upper

152 100

151 18.9 17.1 25.7

153 13.6 11.3 16.9





#49

Dimethylphthalate

Concen: 0.85 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

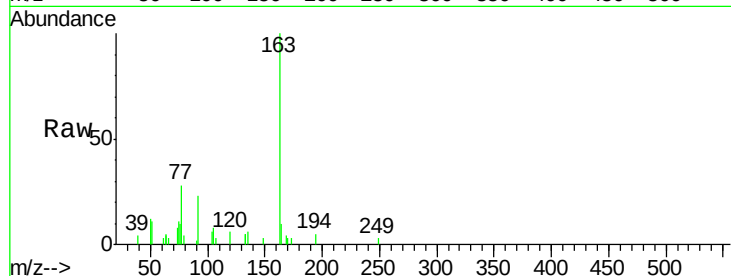
Tgt Ion:163 Resp: 9004

Ion Ratio Lower Upper

163 100

194 4.9 6.7 10.1#

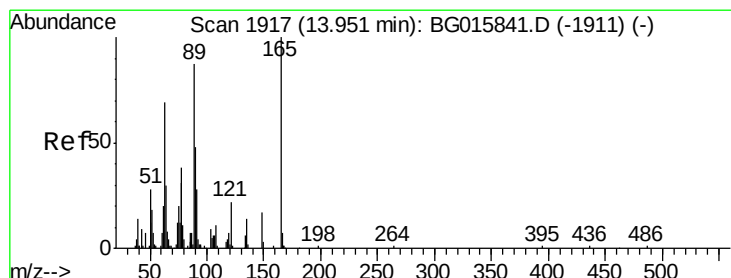
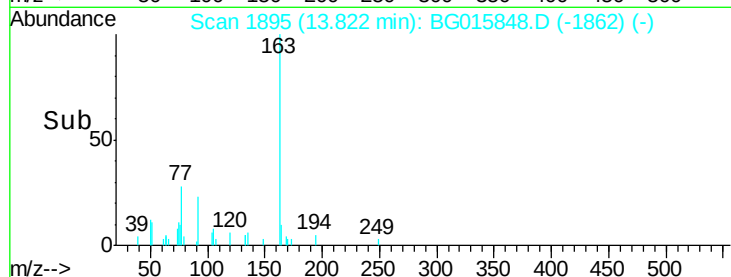
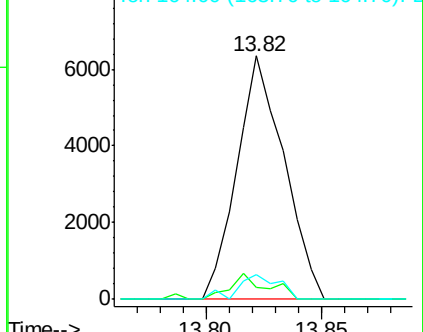
164 10.3 7.4 11.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.87 ng

RT: 13.94 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

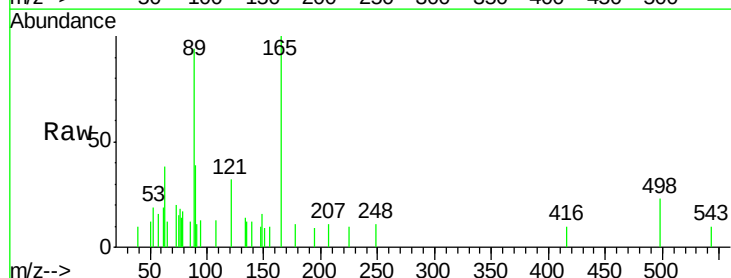
Tgt Ion:165 Resp: 1976

Ion Ratio Lower Upper

165 100

63 38.0 55.9 83.9#

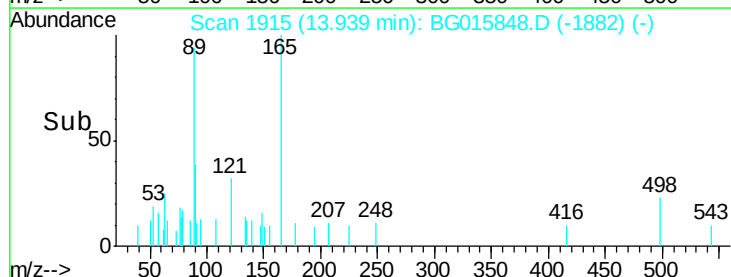
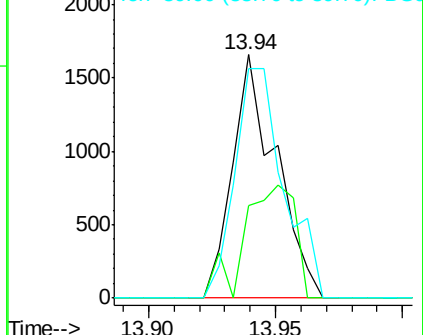
89 94.2 69.4 104.2

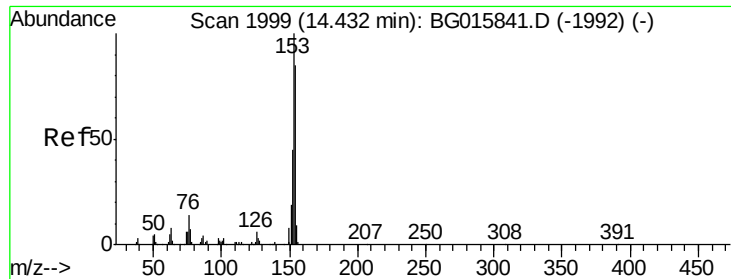


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.93 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

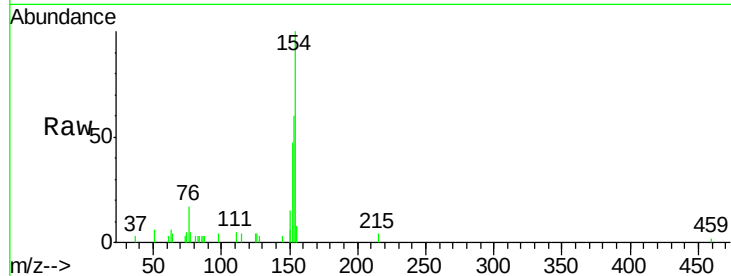
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

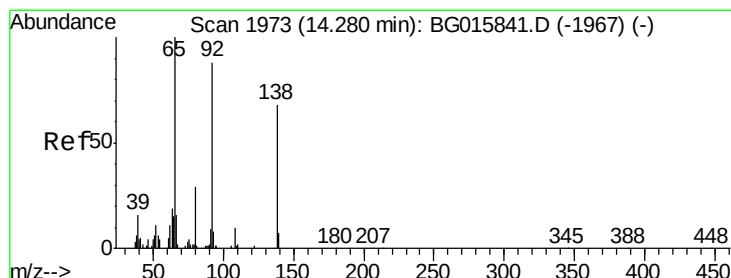
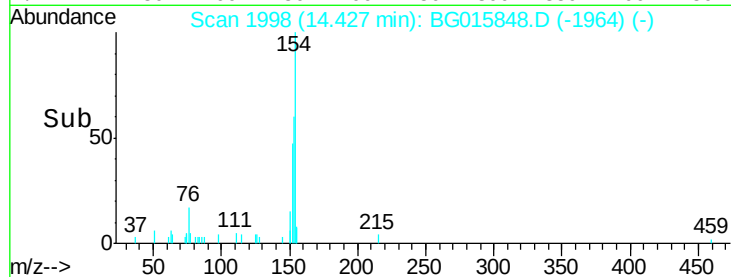
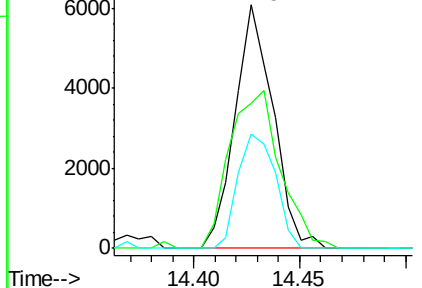
Tgt Ion:	154	Resp:	7613
Ion Ratio	Lower	Upper	
154	100		
153	59.8	94.1	141.1#
152	47.1	42.6	63.8



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: 0.63 ng

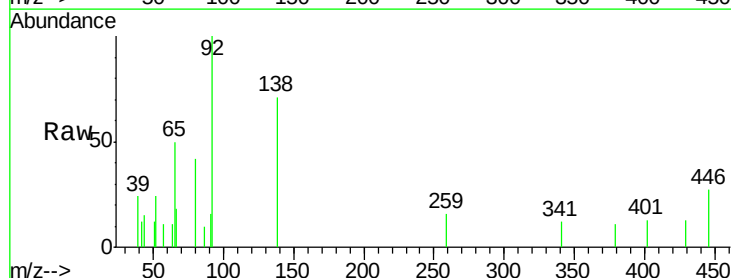
RT: 14.27 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

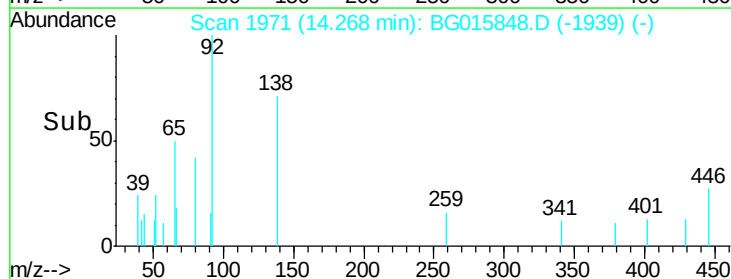
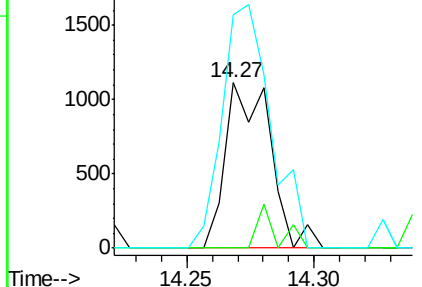
Tgt Ion:	138	Resp:	1370
Ion Ratio	Lower	Upper	
138	100		
108	0.0	11.9	17.9#
92	141.0	103.7	155.5

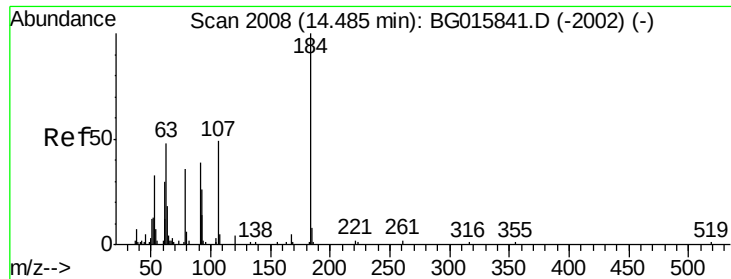


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 0.04 ng

RT: 14.57 min Scan# 2023

Delta R.T. 0.09 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

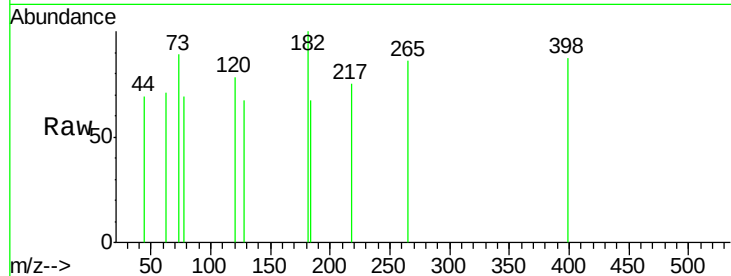
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 105.8 47.3 70.9#

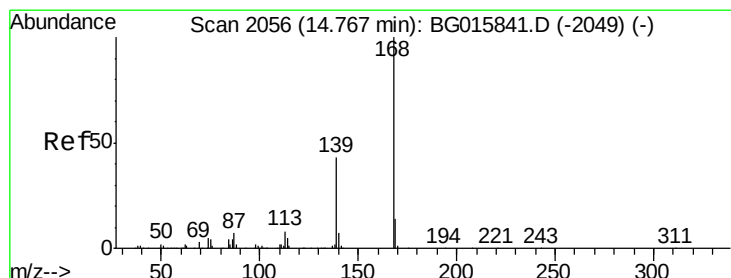
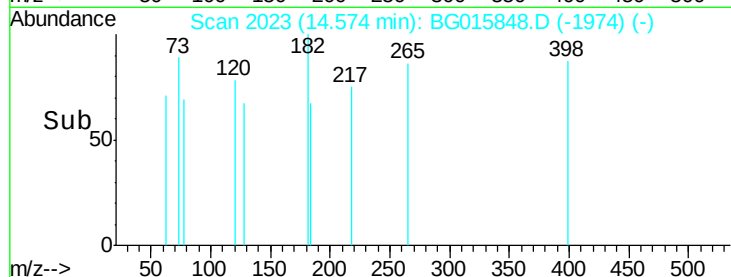
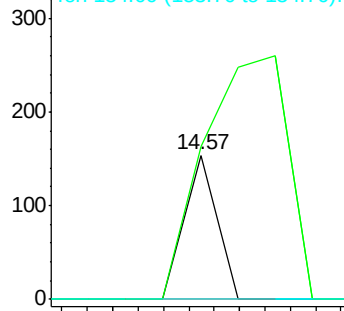
154 0.0 56.9 85.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG015848.D (-1974) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 0.87 ng

RT: 14.77 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

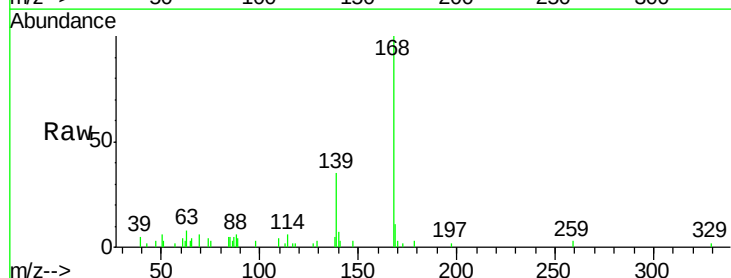
Tgt Ion:168 Resp: 11523

Ion Ratio Lower Upper

168 100

139 35.5 34.3 51.5

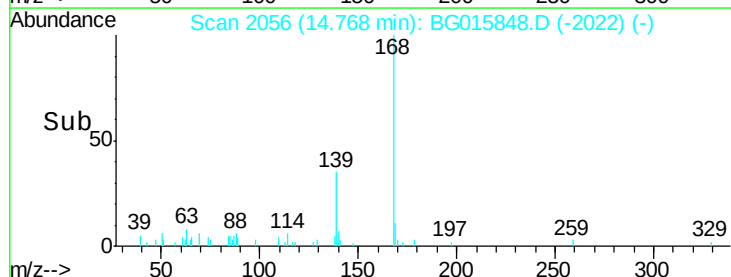
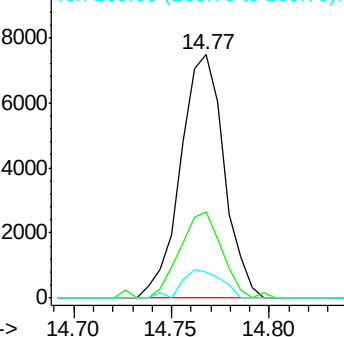
169 10.7 10.9 16.3#

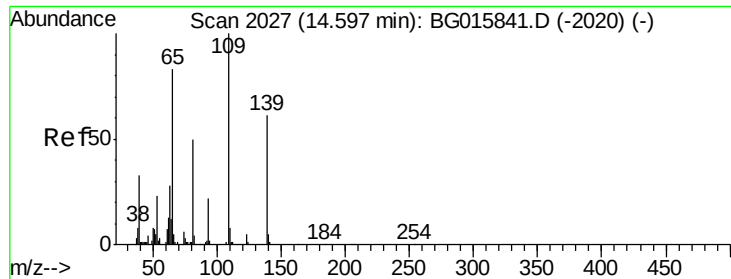


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

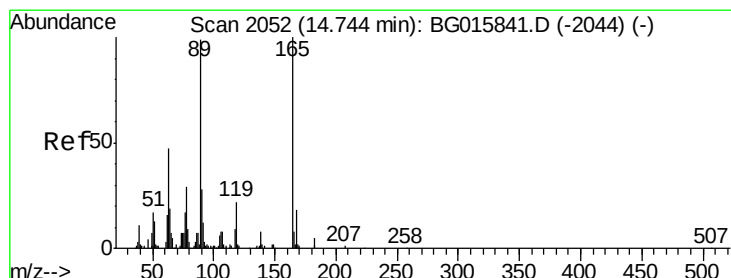
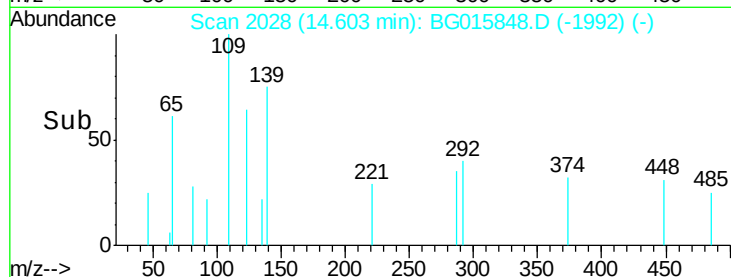
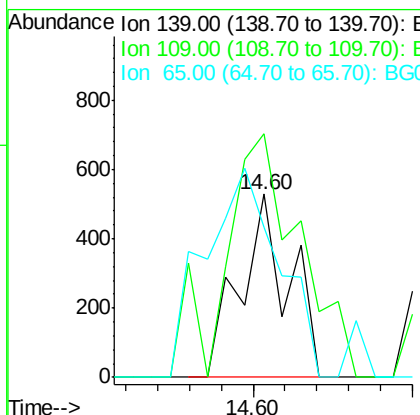
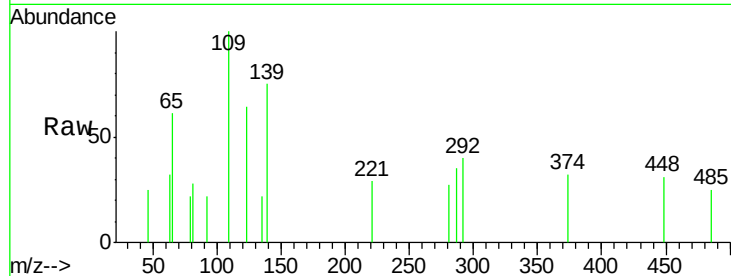




#55
4-Nitrophenol
Concen: 0.31 ng
RT: 14.60 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

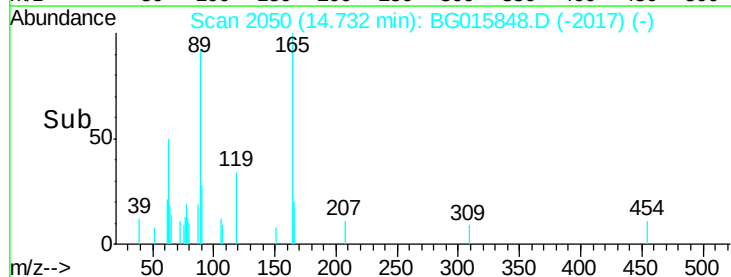
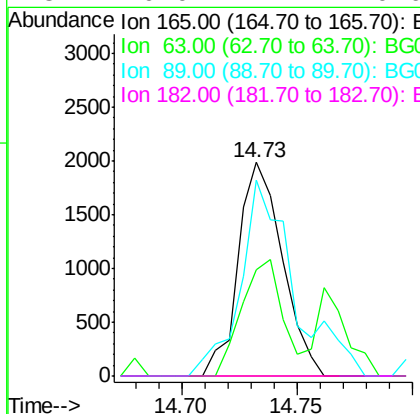
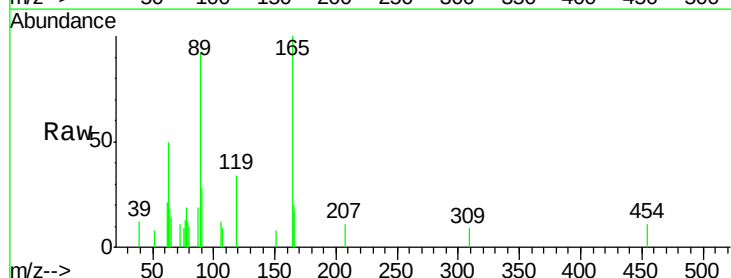
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

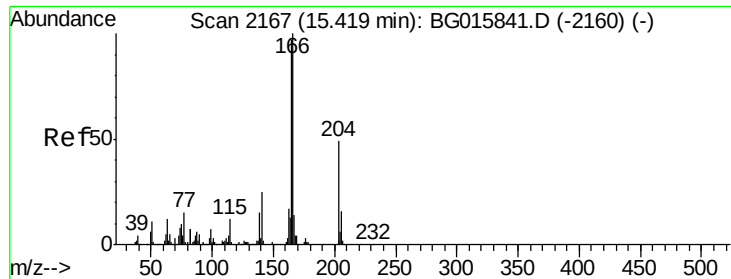
Tgt Ion:139 Resp: 557
Ion Ratio Lower Upper
139 100
109 133.1 144.0 184.0#
65 81.8 115.4 155.4#



#56
2,4-Dinitrotoluene
Concen: 0.81 ng
RT: 14.73 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:165 Resp: 2650
Ion Ratio Lower Upper
165 100
63 42.5 37.9 56.9
89 78.8 78.9 118.3#
182 0.0 4.4 6.6#

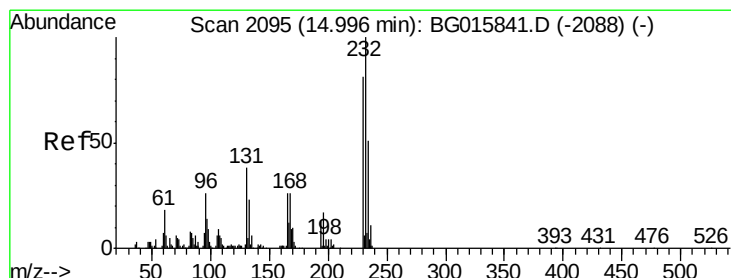
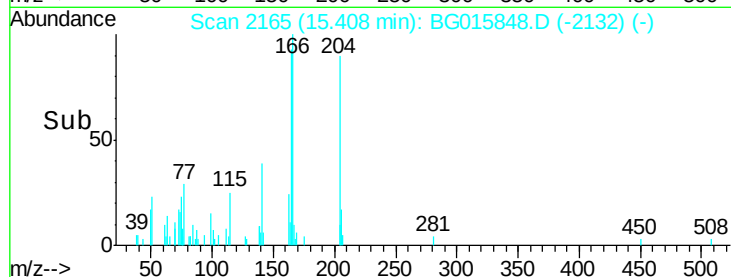
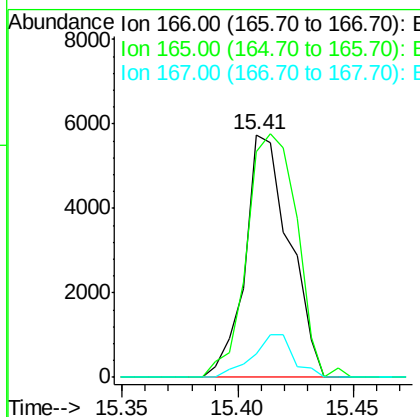
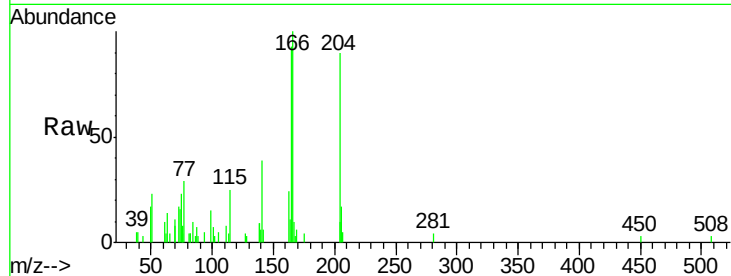




#57
 Fluorene
 Concen: 0.71 ng
 RT: 15.41 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

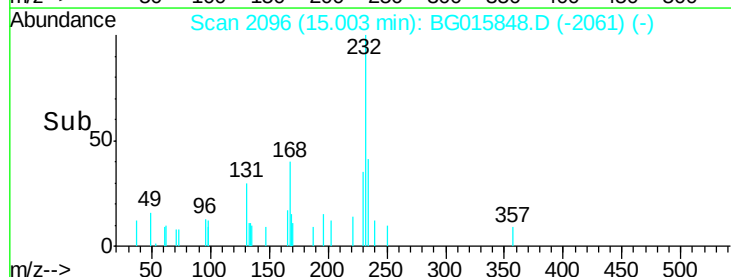
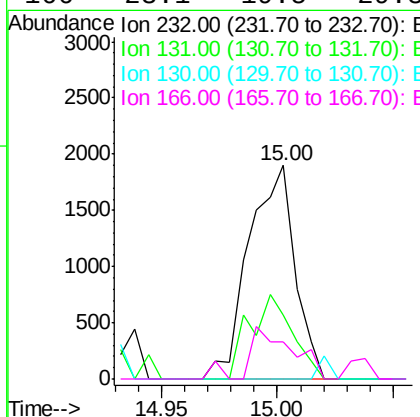
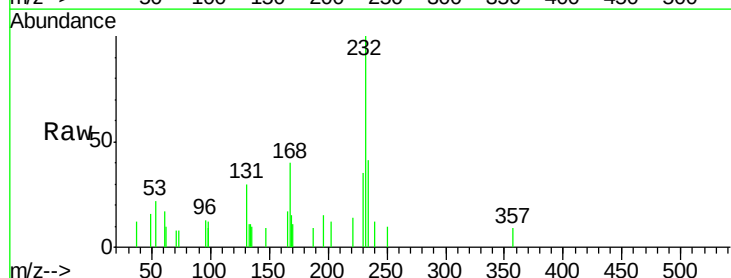
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

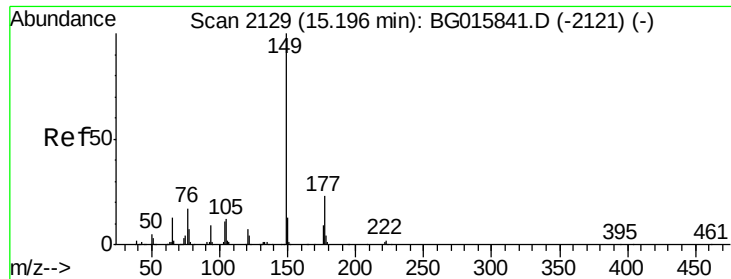
Tgt Ion:166 Resp: 7675
 Ion Ratio Lower Upper
 166 100
 165 92.9 77.7 116.5
 167 9.7 11.2 16.8#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.66 ng
 RT: 15.00 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion:232 Resp: 2650
 Ion Ratio Lower Upper
 232 100
 131 36.8 31.3 46.9
 130 0.0 2.2 3.4#
 166 23.1 19.5 29.3

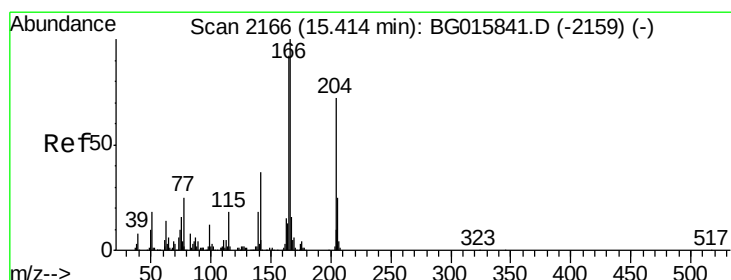
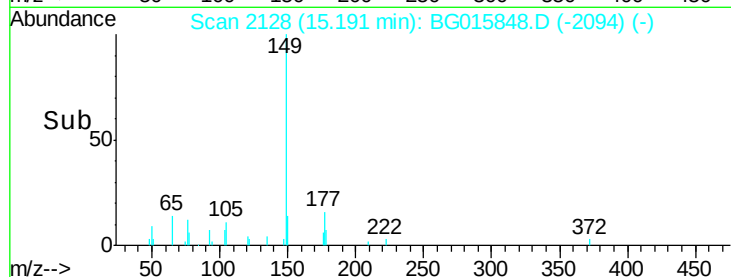
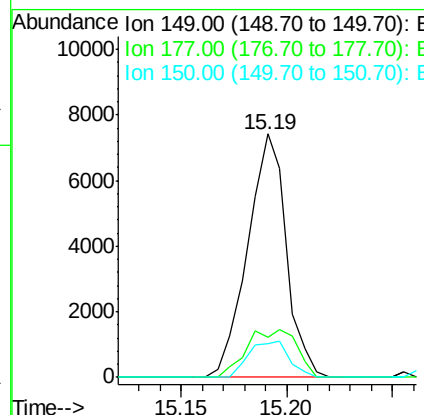
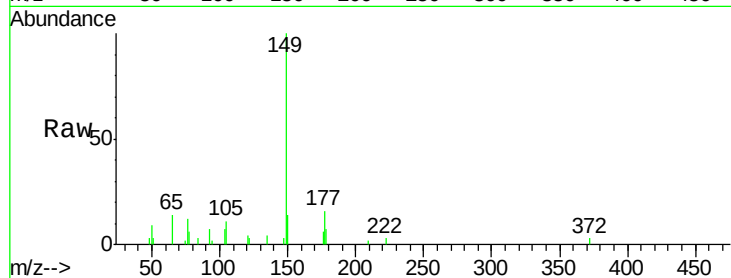




#59
Diethylphthalate
Concen: 0.81 ng
RT: 15.19 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

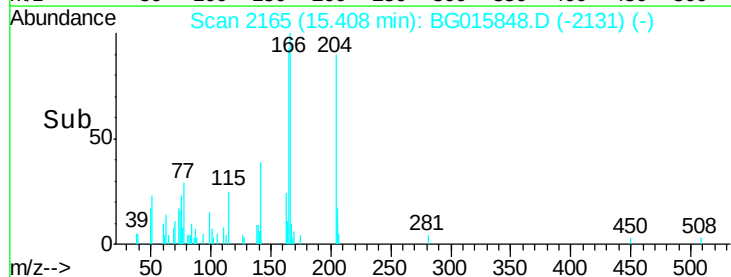
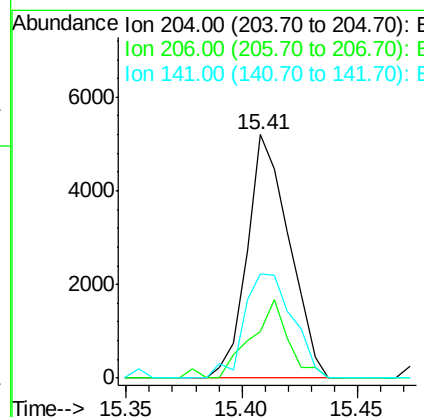
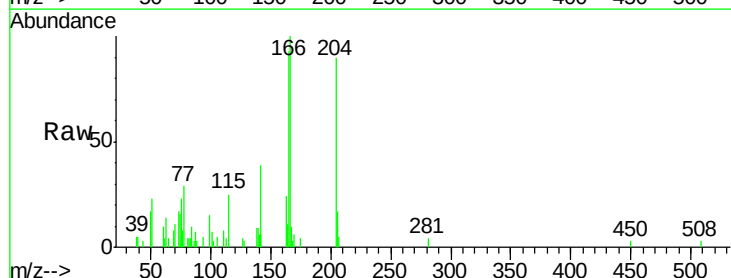
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

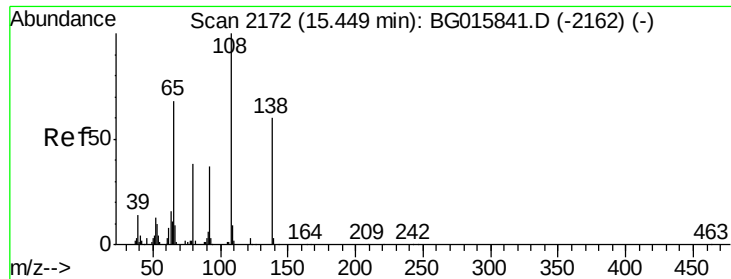
Tgt Ion:149 Resp: 9422
Ion Ratio Lower Upper
149 100
177 16.4 18.2 27.4#
150 13.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 0.93 ng
RT: 15.41 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:204 Resp: 6582
Ion Ratio Lower Upper
204 100
206 19.1 28.2 42.4#
141 42.9 41.1 61.7

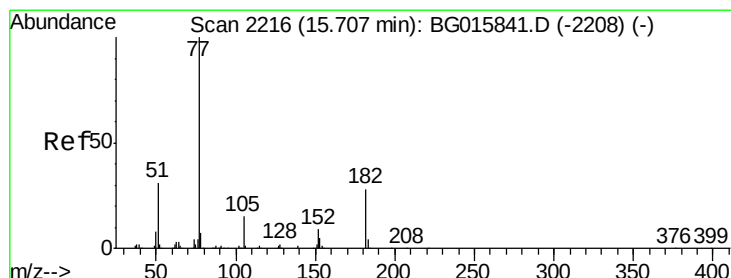
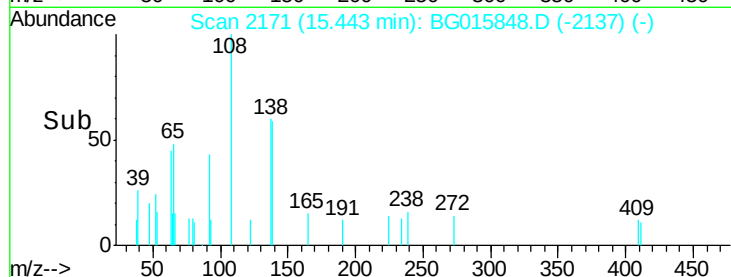
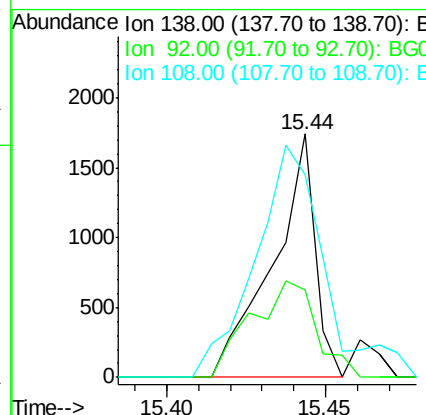
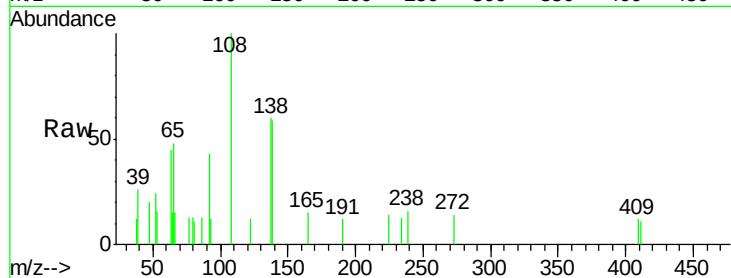




#61
4-Nitroaniline
Concen: 0.64 ng
RT: 15.44 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

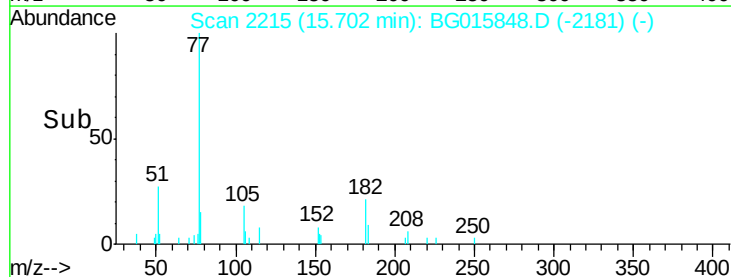
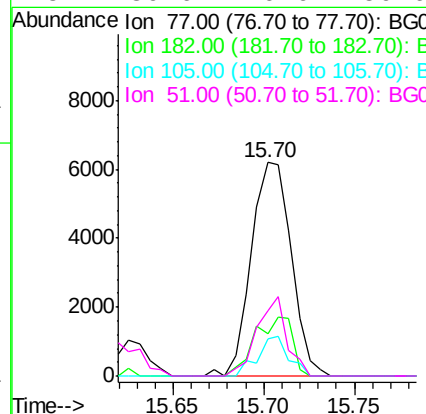
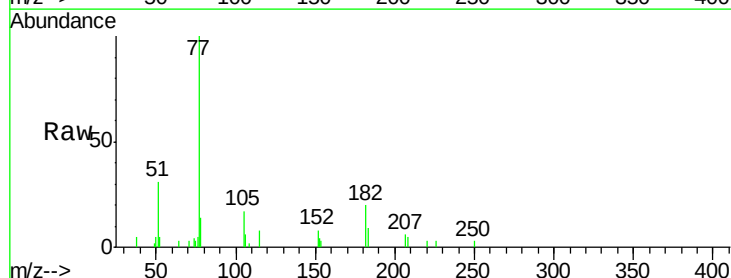
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

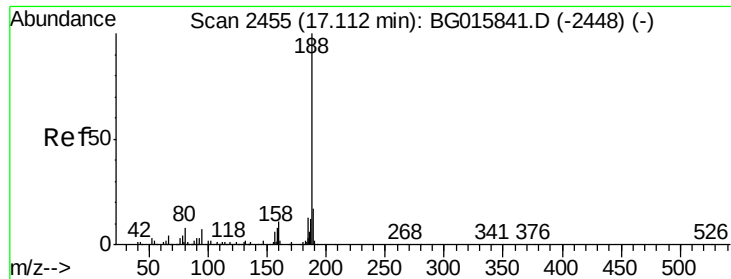
Tgt Ion: 138 Resp: 1617
Ion Ratio Lower Upper
138 100
92 35.7 42.2 82.2#
108 83.4 147.2 187.2#



#62
Azobenzene
Concen: 0.76 ng
RT: 15.70 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion: 77 Resp: 9517
Ion Ratio Lower Upper
77 100
182 19.8 7.7 47.7
105 17.5 0.0 35.1
51 30.6 10.6 50.6

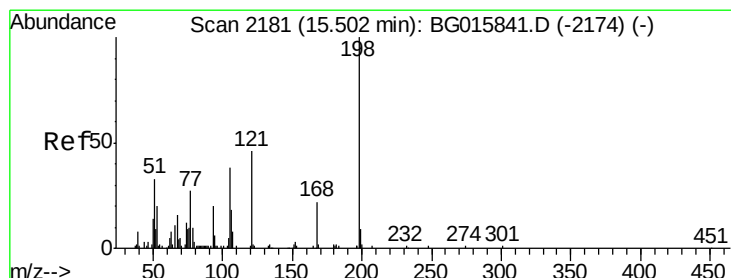
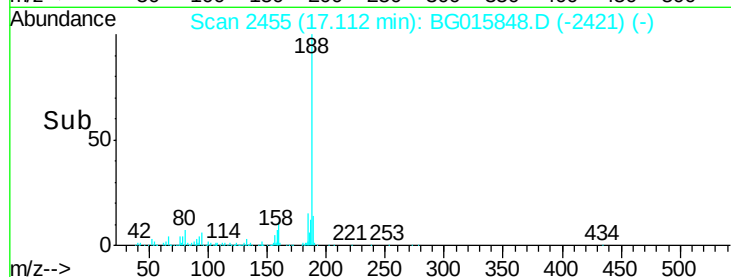
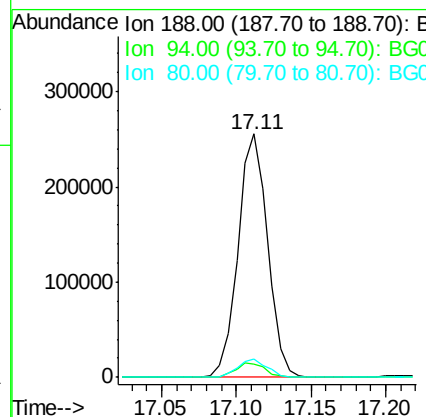
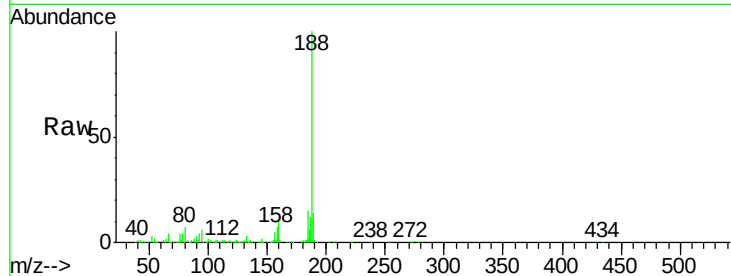




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

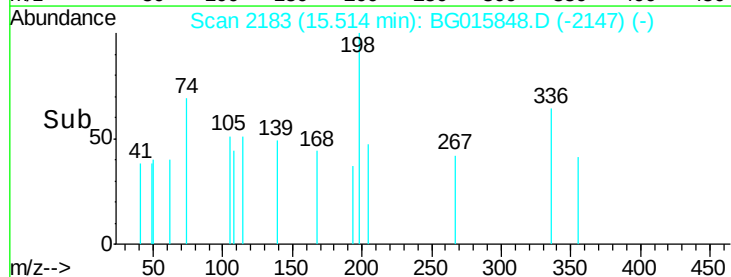
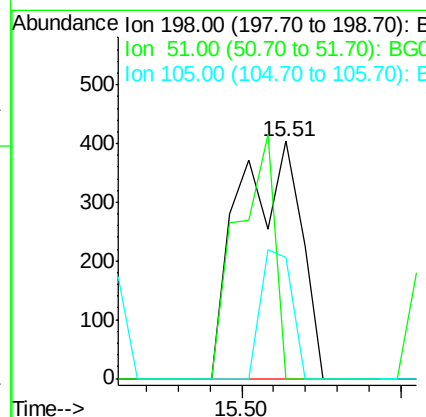
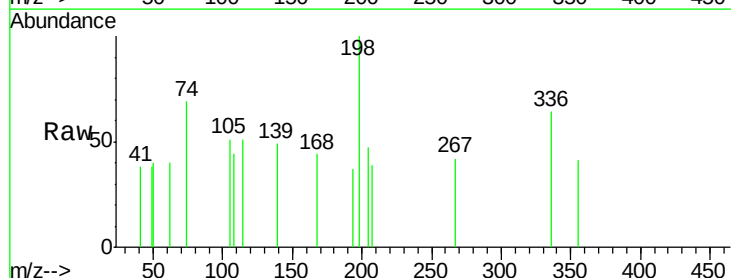
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

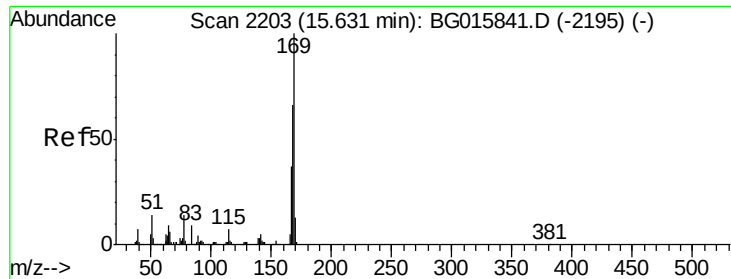
Tgt Ion:188 Resp: 352912
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.4 6.6 9.8



#64
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.51 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:198 Resp: 542
Ion Ratio Lower Upper
198 100
51 0.0 13.6 53.6#
105 51.0 17.9 57.9

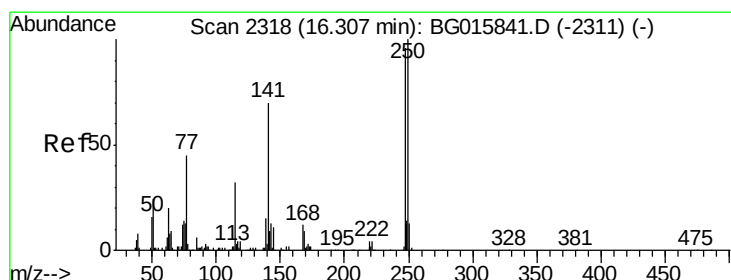
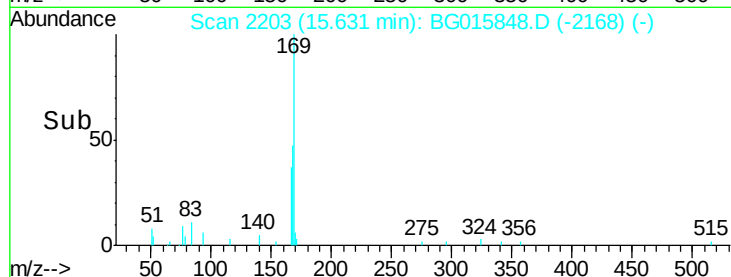
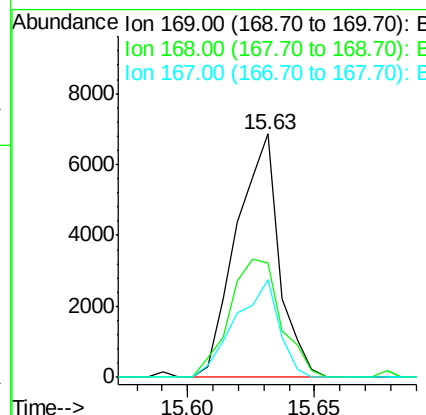
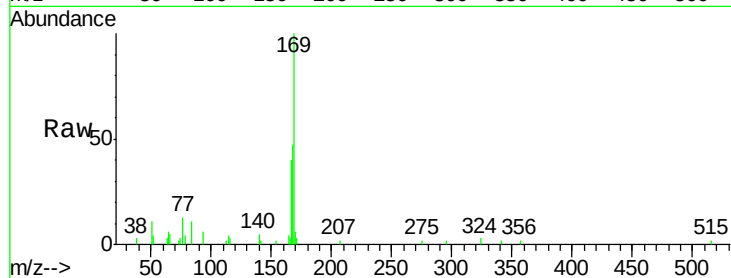




#65
 n-Nitrosodiphenylamine
 Concen: 0.79 ng
 RT: 15.63 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

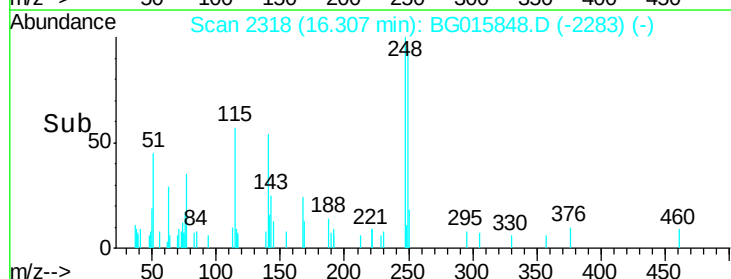
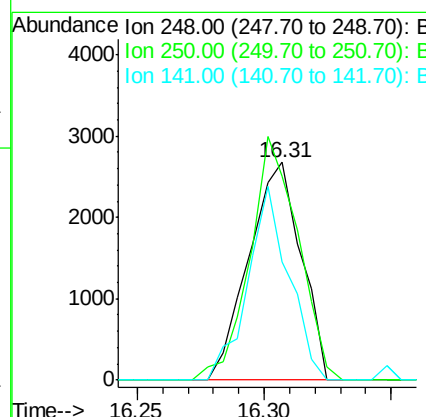
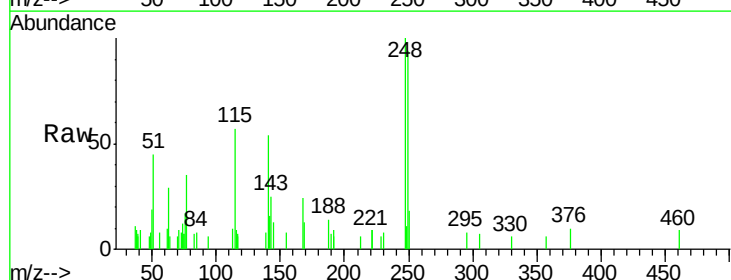
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

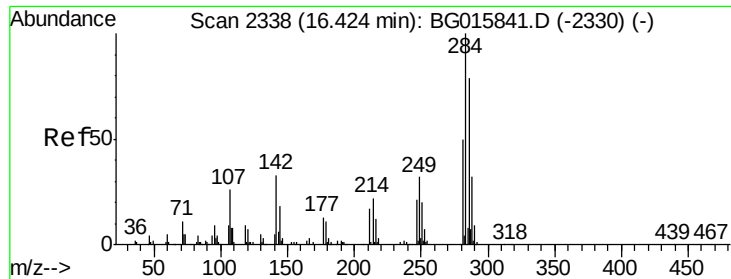
Tgt Ion:169 Resp: 8064
 Ion Ratio Lower Upper
 169 100
 168 46.9 52.7 79.1#
 167 40.3 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 0.80 ng
 RT: 16.31 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion:248 Resp: 3851
 Ion Ratio Lower Upper
 248 100
 250 93.8 83.5 125.3
 141 54.1 58.1 87.1#





#67

Hexachlorobenzene

Concen: 0.89 ng

RT: 16.41 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

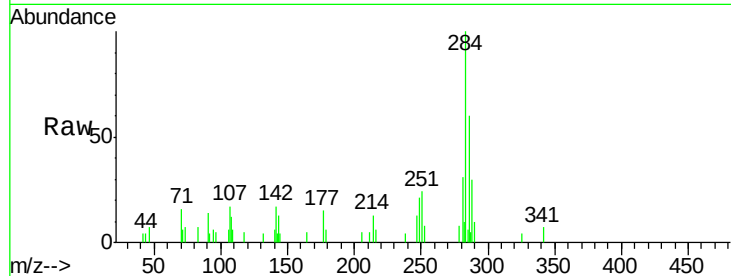
Tgt Ion:284 Resp: 4897

Ion Ratio Lower Upper

284 100

142 21.7 26.1 39.1#

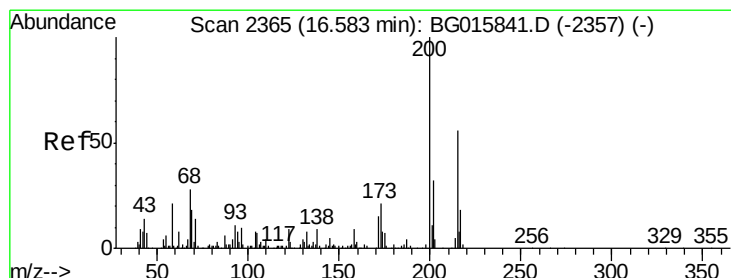
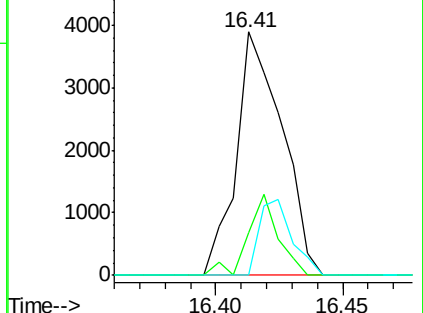
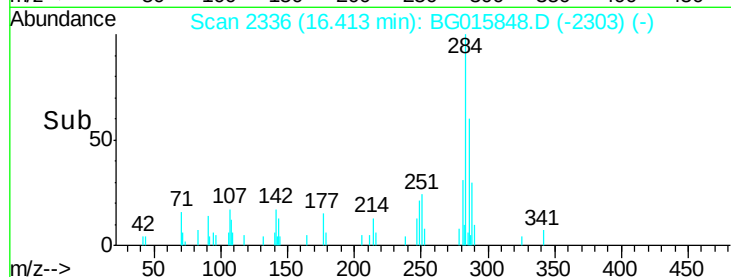
249 0.0 26.0 39.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 0.74 ng

RT: 16.58 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

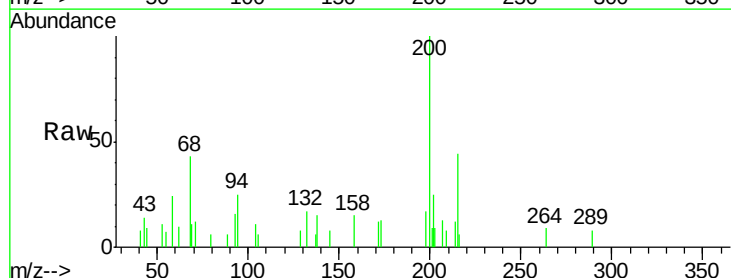
Tgt Ion:200 Resp: 3352

Ion Ratio Lower Upper

200 100

173 13.0 1.1 41.1

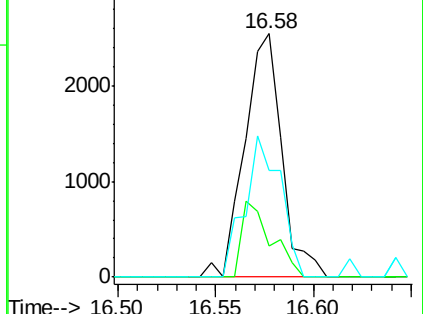
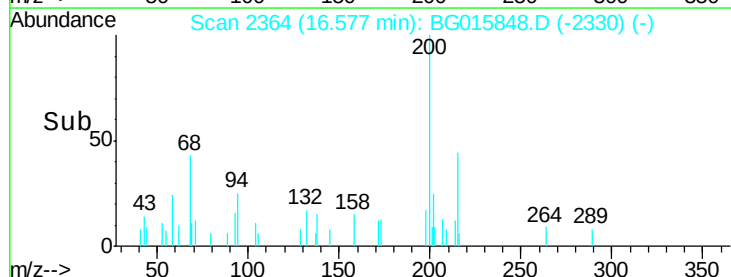
215 43.6 35.6 75.6

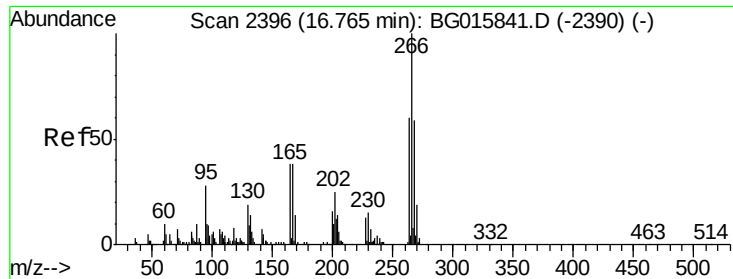


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

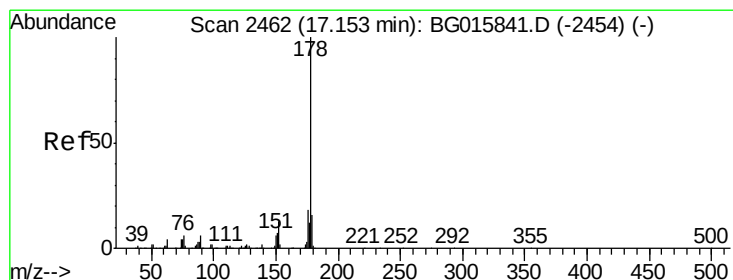
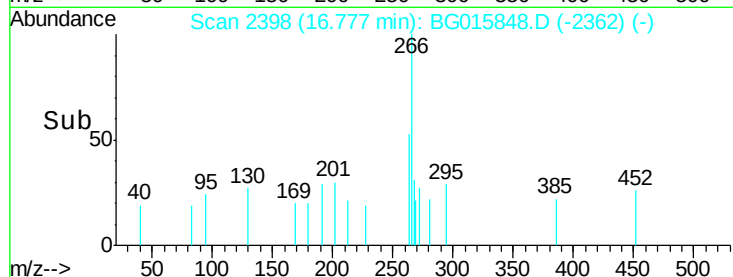
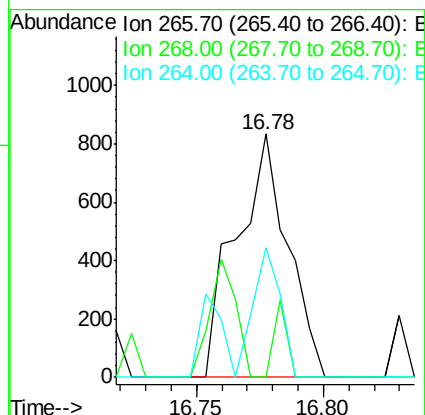
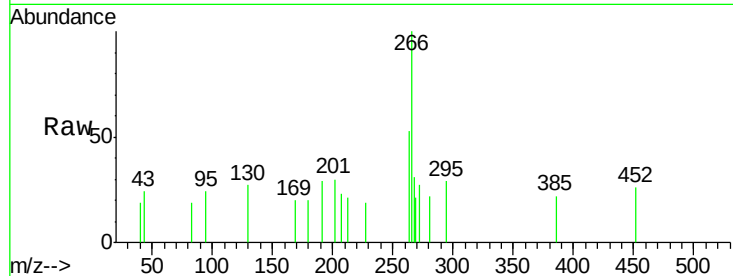




#69
 Pentachlorophenol
 Concen: 0.37 ng
 RT: 16.78 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

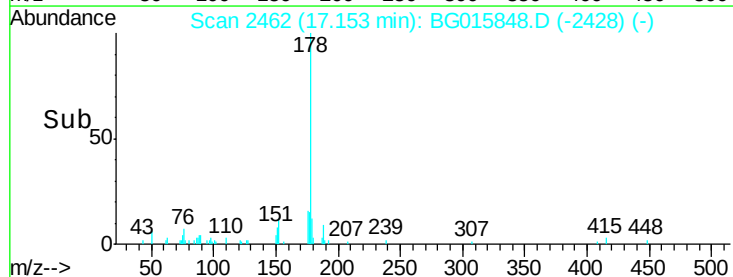
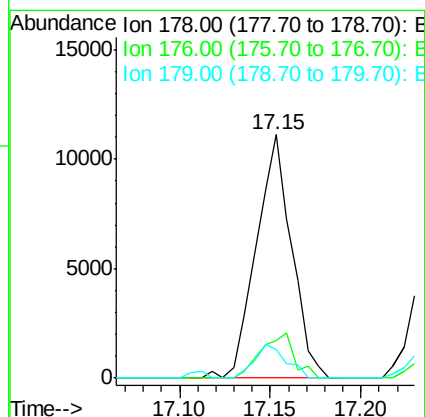
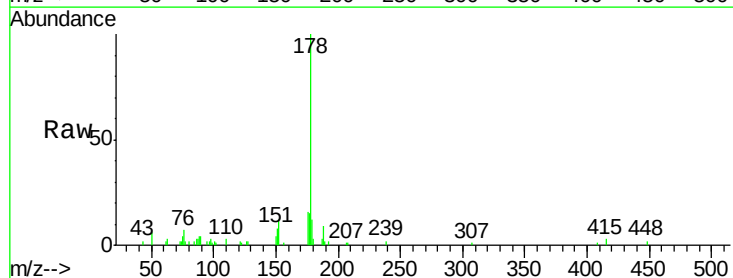
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

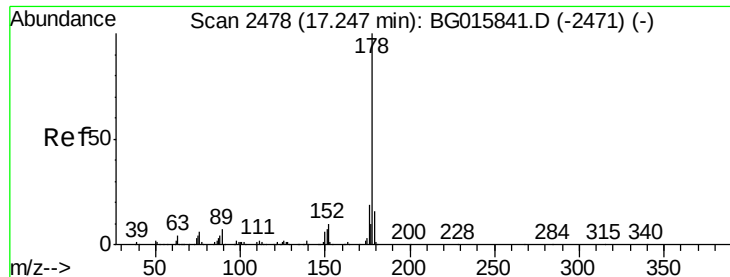
Tgt Ion:266 Resp: 1185
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.2 75.2#
 264 53.1 48.2 72.2



#70
 Phenanthrene
 Concen: 0.80 ng
 RT: 17.15 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Tgt Ion:178 Resp: 15017
 Ion Ratio Lower Upper
 178 100
 176 15.5 14.5 21.7
 179 12.0 12.6 19.0#





#71

Anthracene

Concen: 0.78 ng

RT: 17.24 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

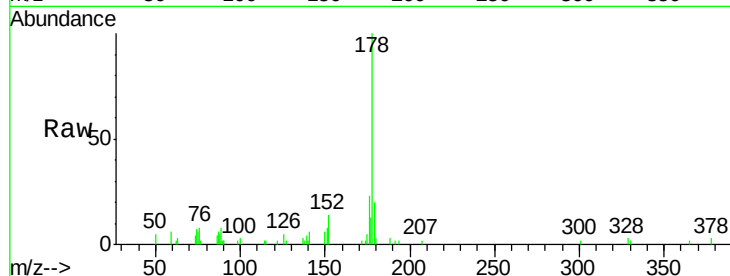
Tgt Ion:178 Resp: 14491

Ion Ratio Lower Upper

178 100

176 23.4 15.6 23.4

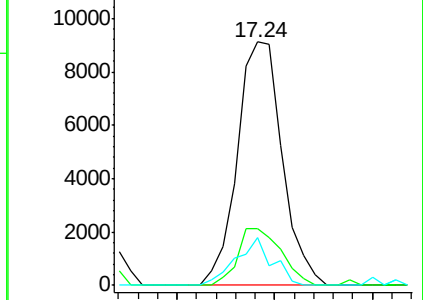
179 19.5 12.6 18.8#



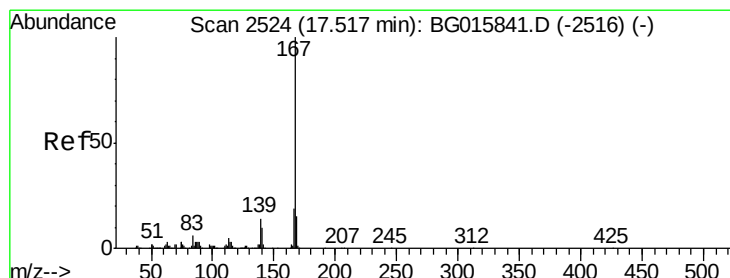
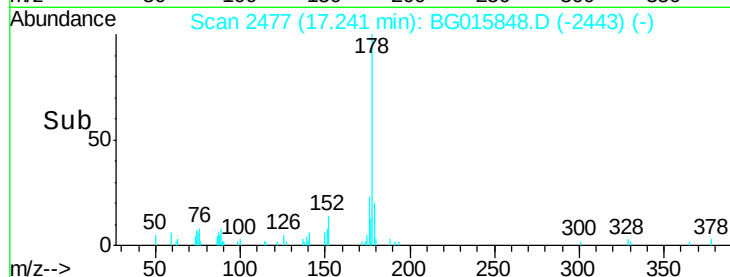
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 0.72 ng

RT: 17.52 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

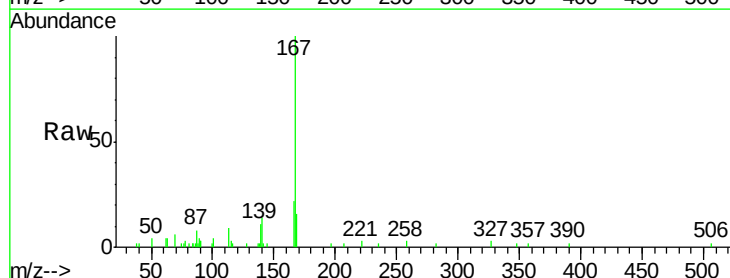
Tgt Ion:167 Resp: 12813

Ion Ratio Lower Upper

167 100

166 22.5 15.0 22.4#

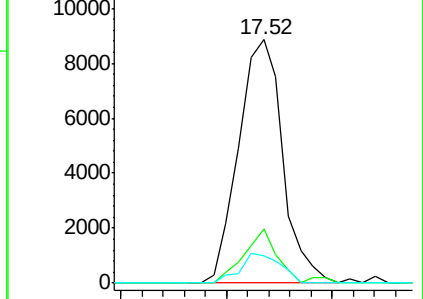
139 11.2 11.0 16.4



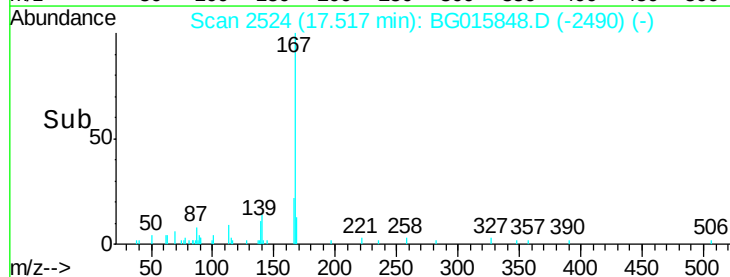
Abundance Ion 167.00 (166.70 to 167.70): E

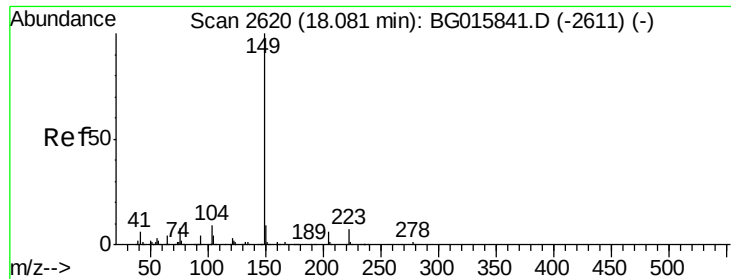
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 0.76 ng

RT: 18.08 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

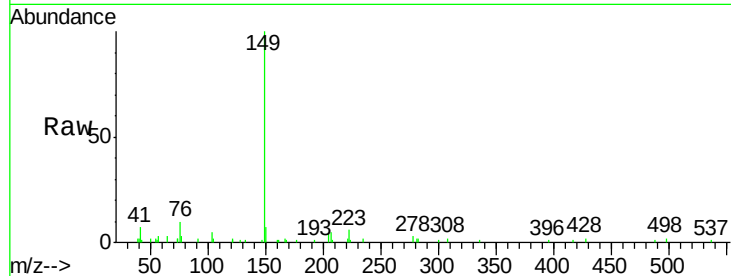
Tgt Ion:149 Resp: 15935

Ion Ratio Lower Upper

149 100

150 7.3 7.1 10.7

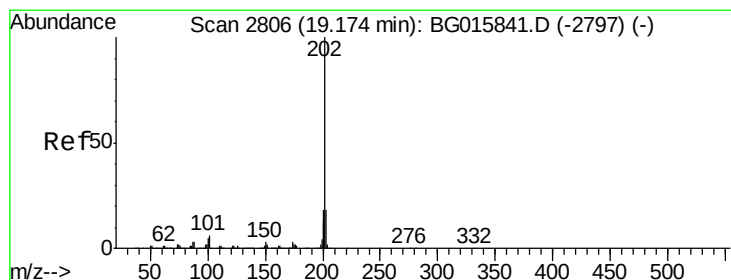
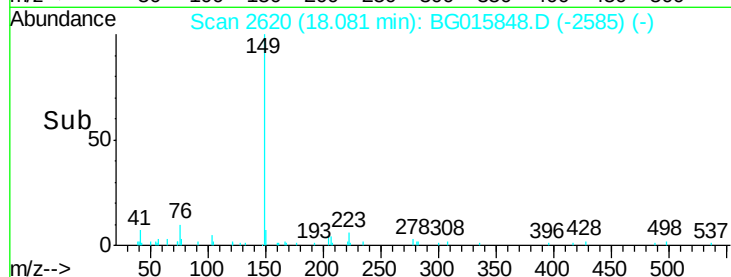
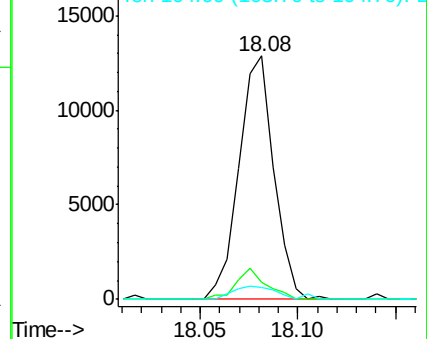
104 4.8 6.8 10.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.75 ng

RT: 19.17 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

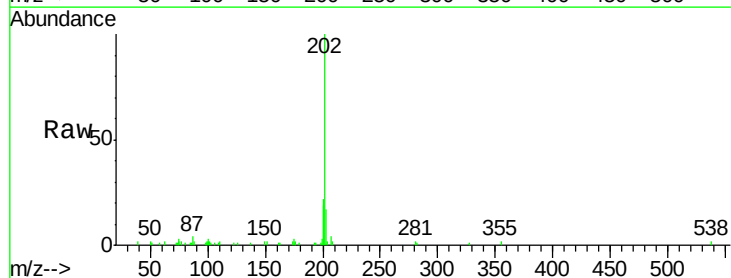
Tgt Ion:202 Resp: 21417

Ion Ratio Lower Upper

202 100

101 4.9 0.0 26.1

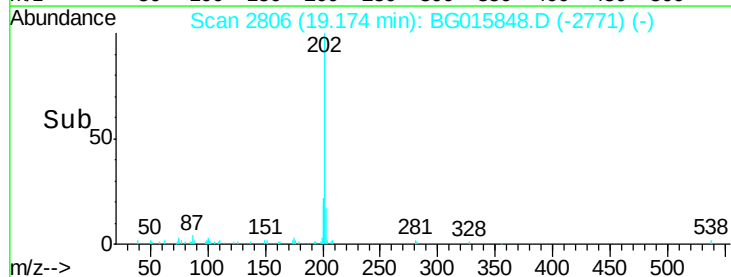
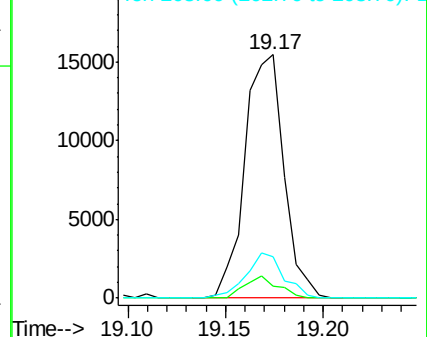
203 16.9 0.0 38.0

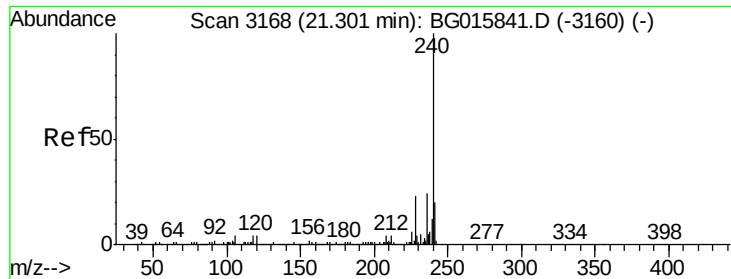


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

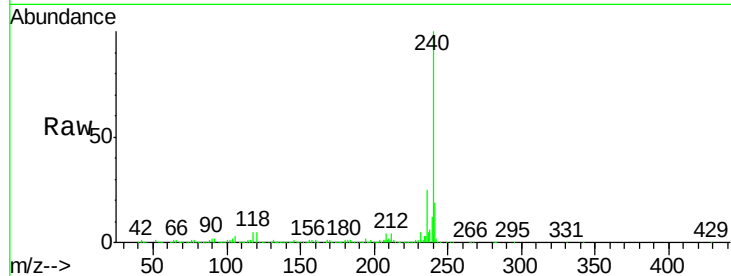
Tgt Ion:240 Resp: 529883

Ion Ratio Lower Upper

240 100

120 4.6 3.4 5.2

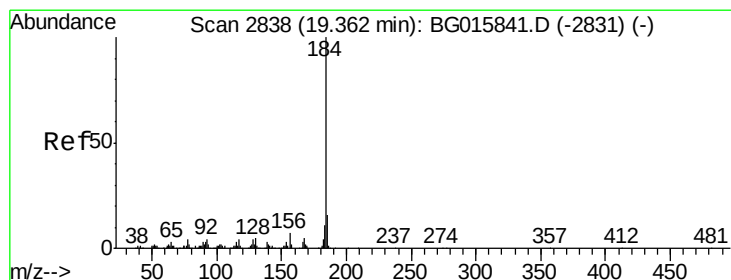
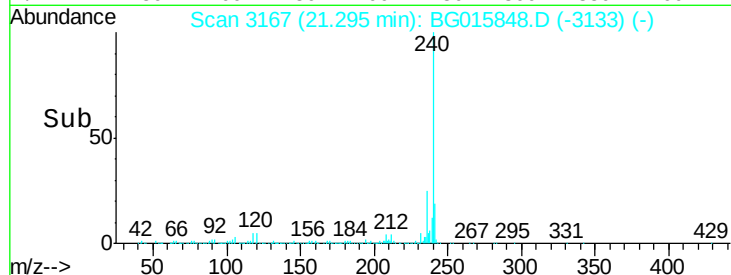
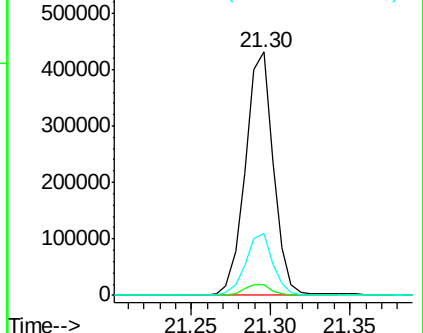
236 25.3 19.0 28.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.31 ng

RT: 19.36 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

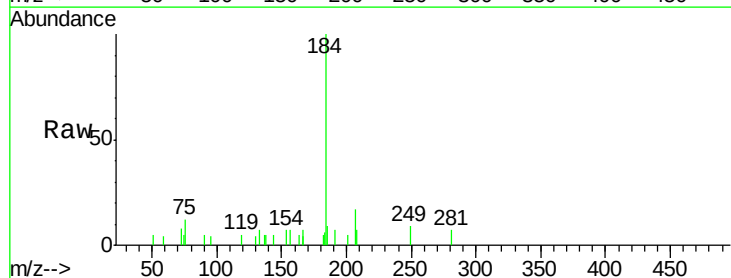
Tgt Ion:184 Resp: 3786

Ion Ratio Lower Upper

184 100

185 9.0 12.6 18.8#

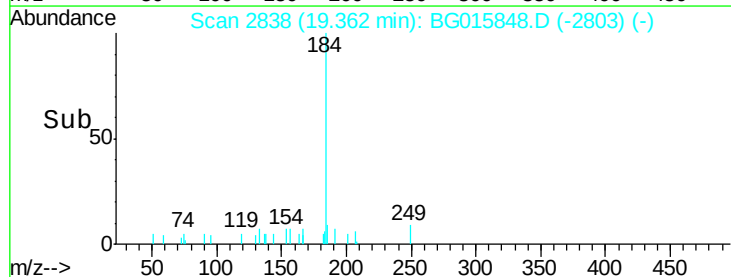
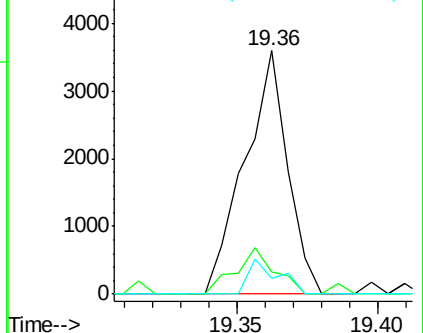
183 6.5 8.4 12.6#

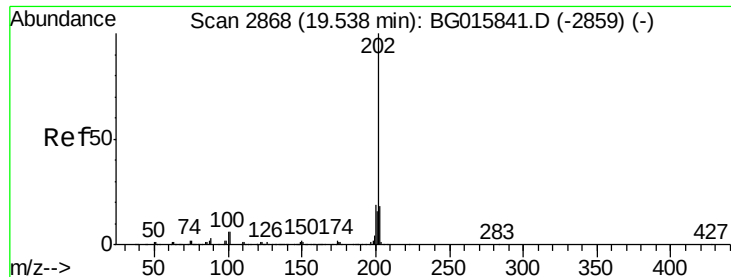


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.86 ng

RT: 19.53 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

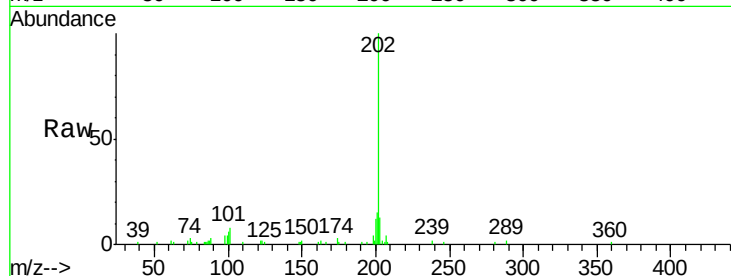
Tgt Ion:202 Resp: 24431

Ion Ratio Lower Upper

202 100

200 12.0 15.1 22.7#

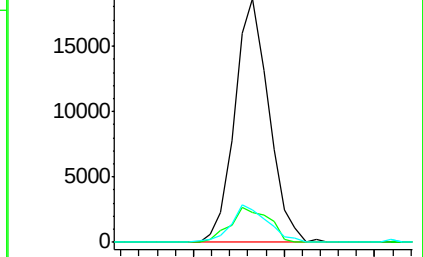
203 13.3 14.2 21.4#



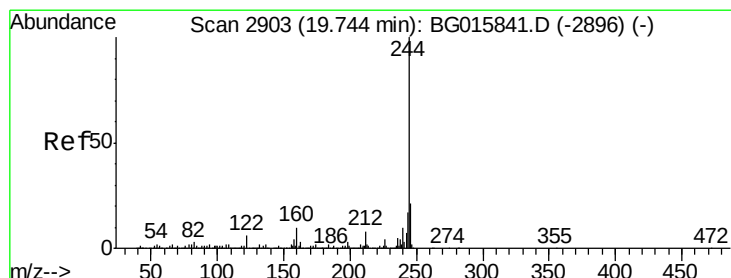
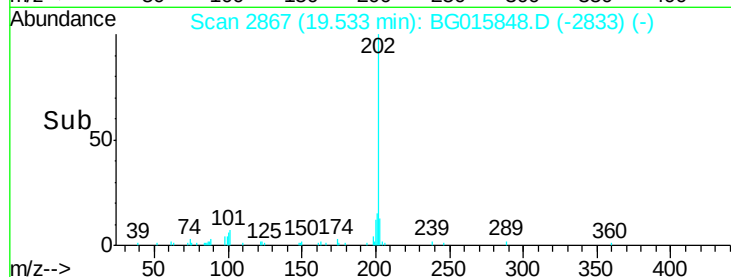
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 21.04 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

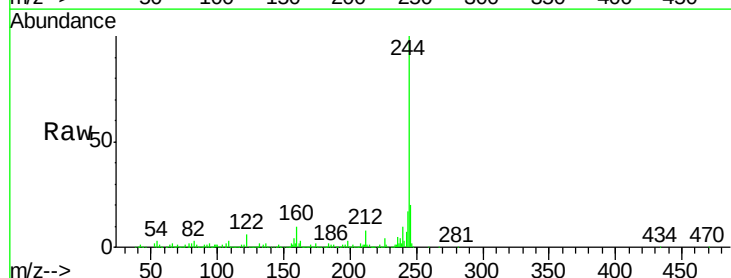
Tgt Ion:244 Resp: 997834

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

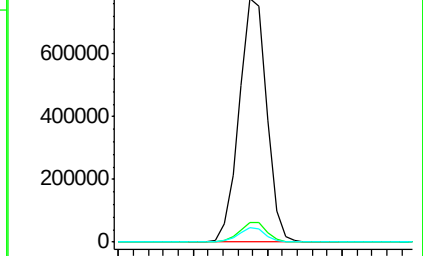
122 6.1 4.7 7.1



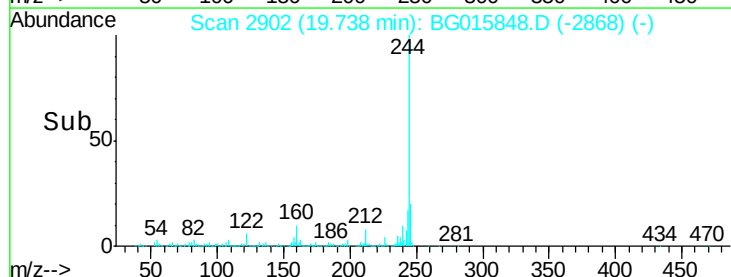
Abundance Ion 244.00 (243.70 to 244.70): E

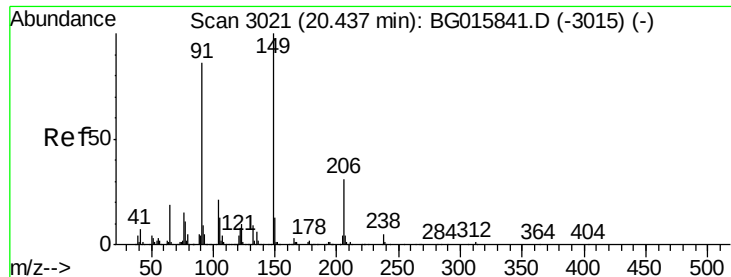
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

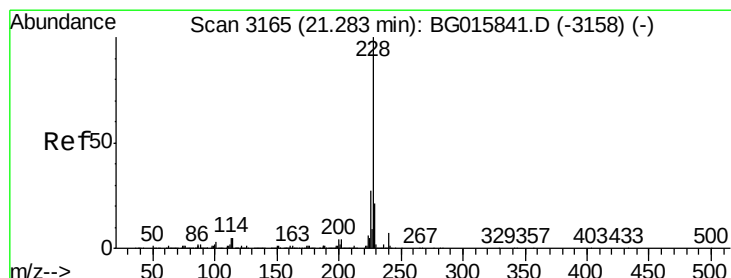
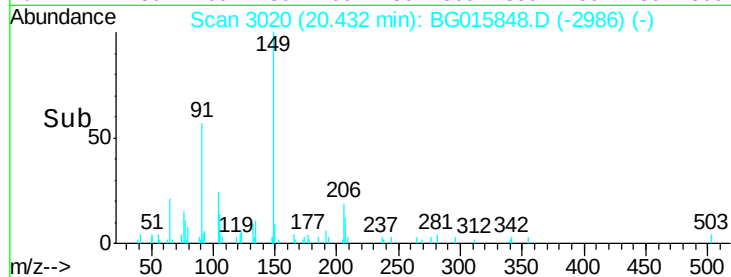
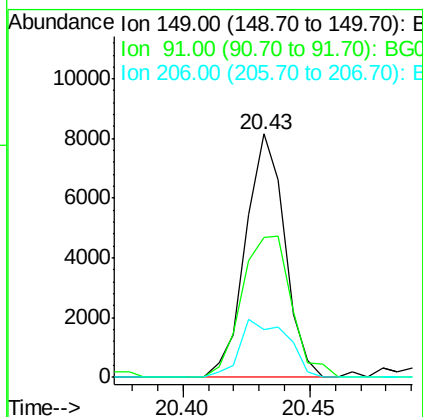
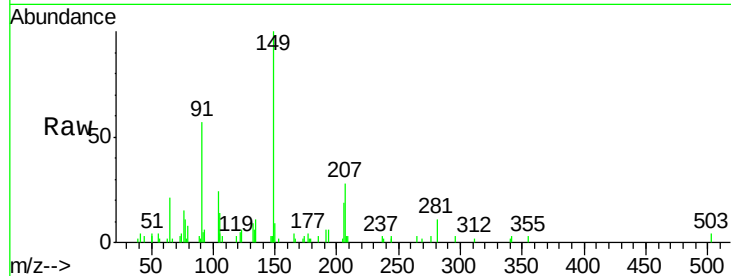




#79
Butylbenzylphthalate
Concen: 0.82 ng
RT: 20.43 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

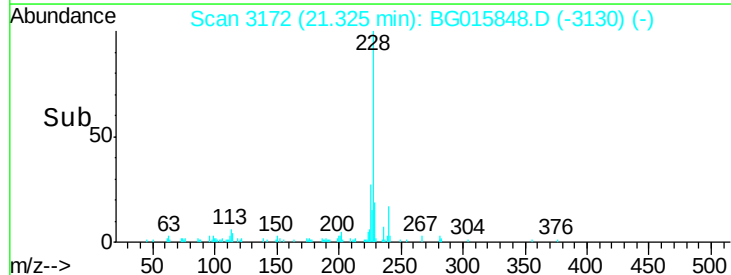
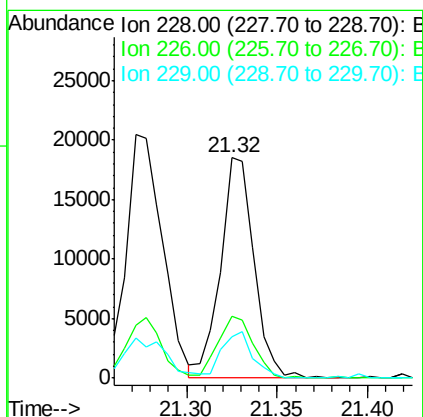
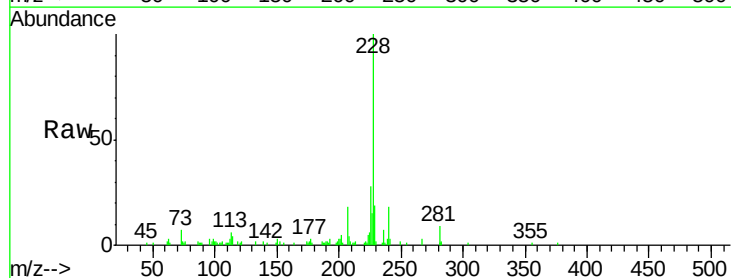
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

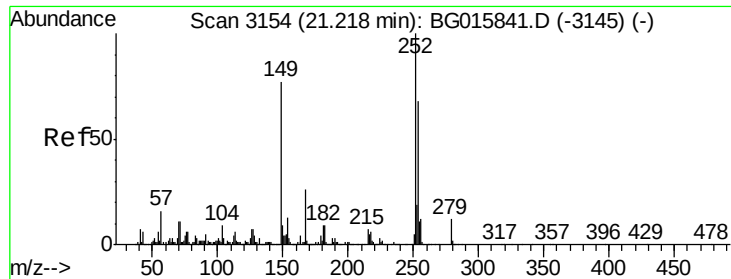
Tgt Ion:149 Resp: 8754
Ion Ratio Lower Upper
149 100
91 57.5 68.4 102.6#
206 19.4 24.9 37.3#



#80
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.32 min Scan# 3172
Delta R.T. 0.04 min
Lab File: BG015848.D
Acq: 5 Jan 2015 18:27

Tgt Ion:228 Resp: 23822
Ion Ratio Lower Upper
228 100
226 28.2 21.4 32.2
229 18.8 16.8 25.2





#81

3,3'-Dichlorobenzidine

Concen: 0.66 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

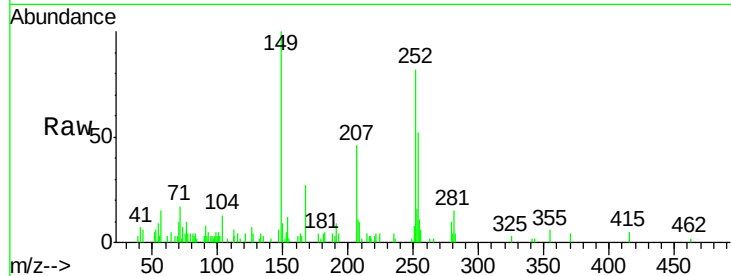
Tgt Ion:252 Resp: 7617

Ion Ratio Lower Upper

252 100

254 63.2 54.0 81.0

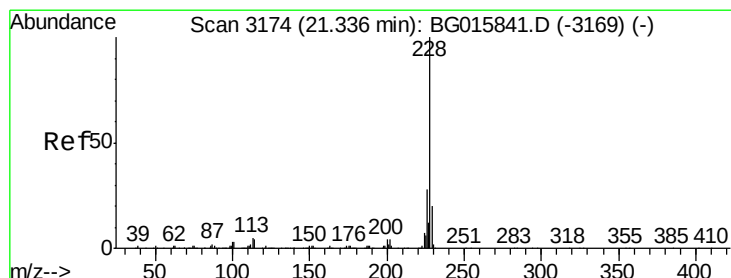
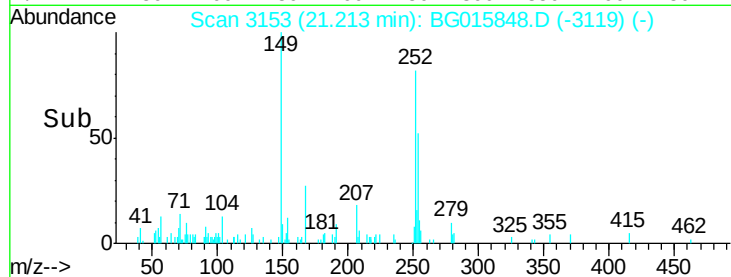
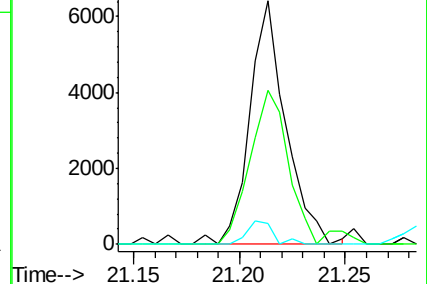
126 8.4 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.82 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

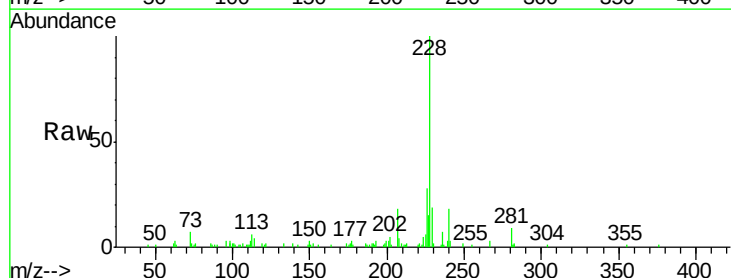
Tgt Ion:228 Resp: 23822

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

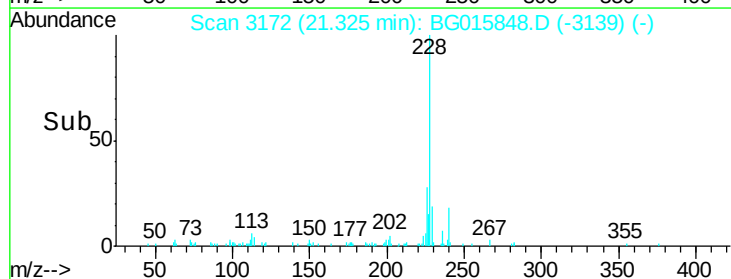
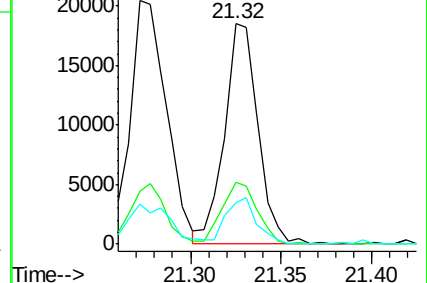
229 18.8 15.8 23.6

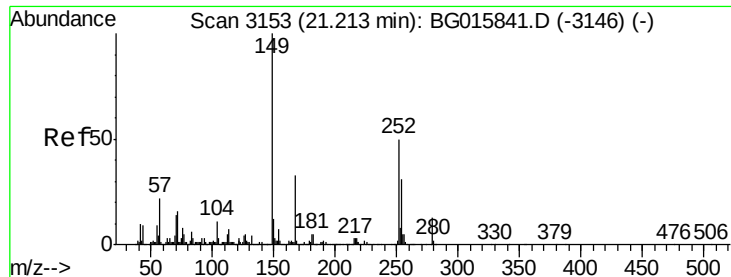


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.77 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

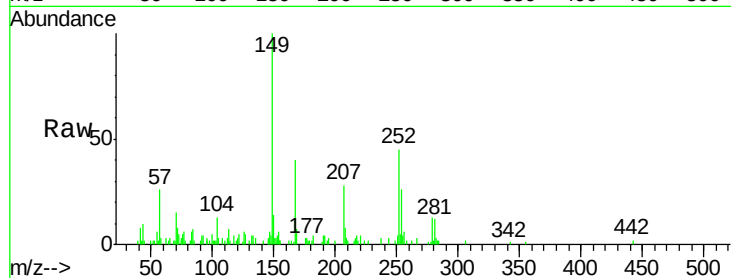
Tgt Ion:149 Resp: 11875

Ion Ratio Lower Upper

149 100

167 40.3 26.2 39.2#

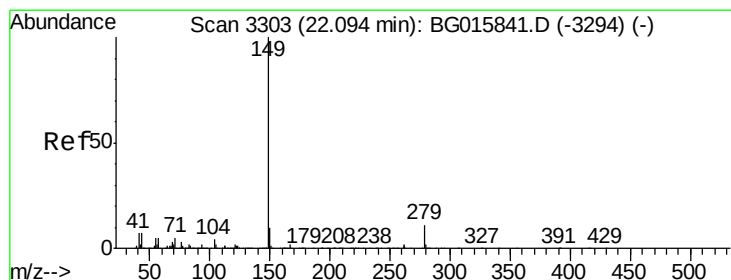
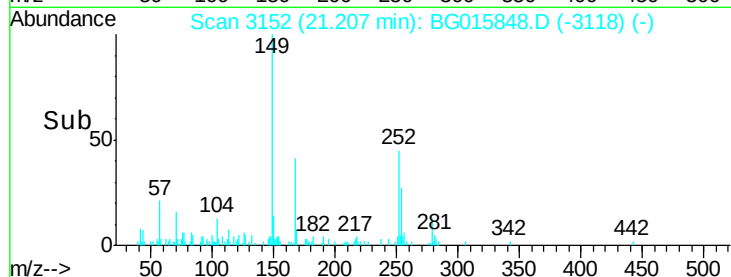
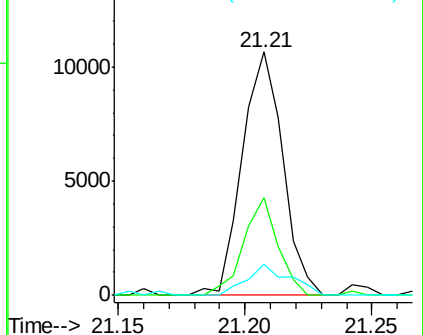
279 12.7 10.5 15.7



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: 0.79 ng

RT: 22.08 min Scan# 3301

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

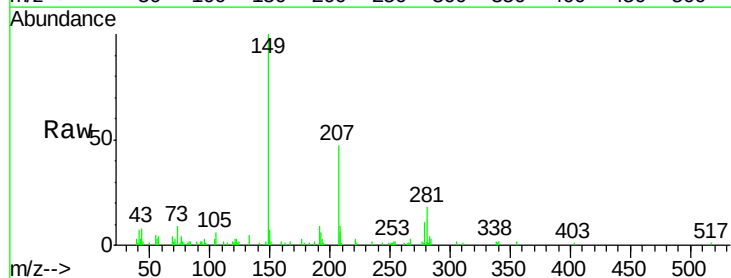
Tgt Ion:149 Resp: 19970

Ion Ratio Lower Upper

149 100

167 2.7 1.6 2.4#

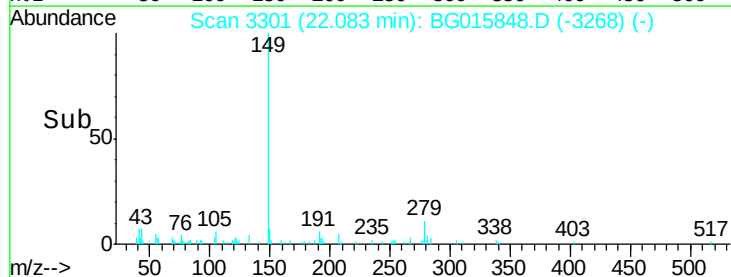
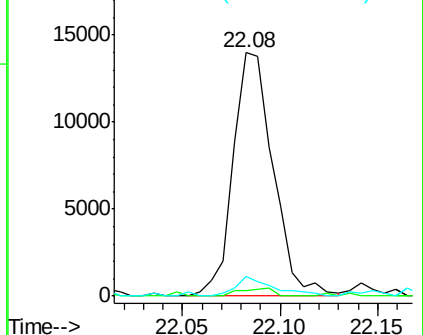
43 7.6 5.9 8.9

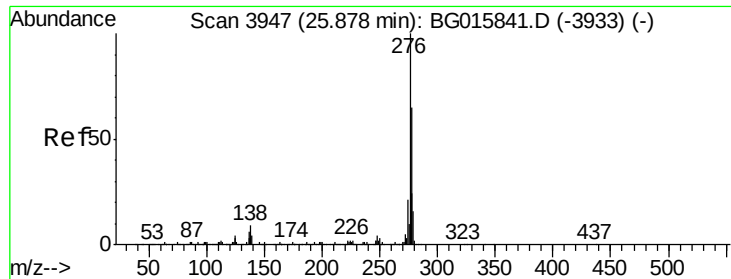


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.86 ng

RT: 25.85 min Scan# 3943

Delta R.T. -0.03 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

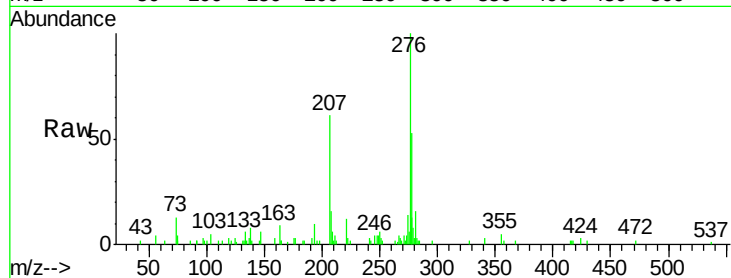
Tgt Ion:276 Resp: 29474

Ion Ratio Lower Upper

276 100

138 7.4 7.8 11.6#

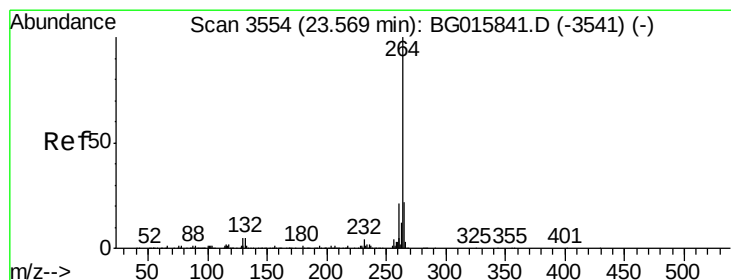
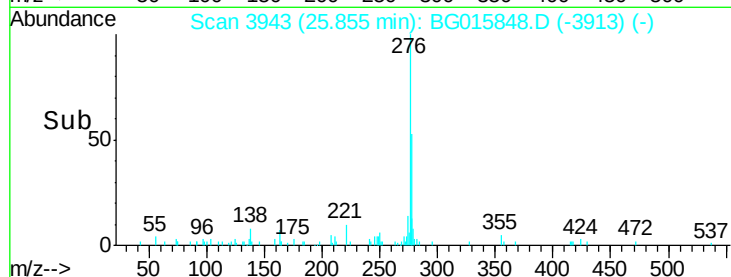
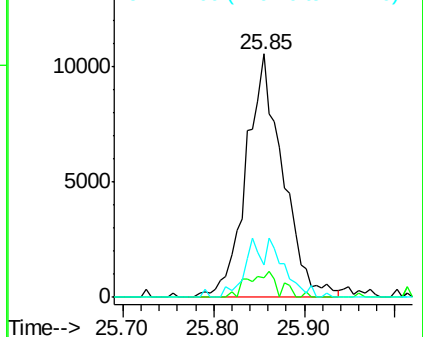
277 12.2 20.6 31.0#



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: 23.56 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

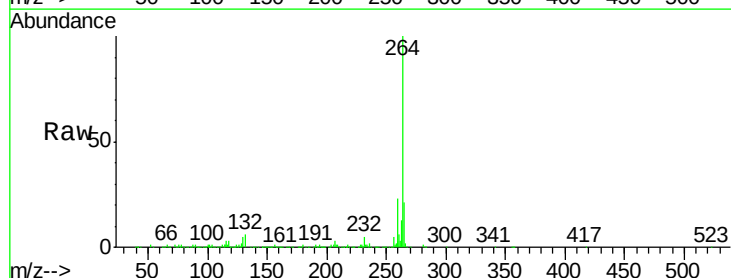
Tgt Ion:264 Resp: 511923

Ion Ratio Lower Upper

264 100

260 23.2 17.0 25.4

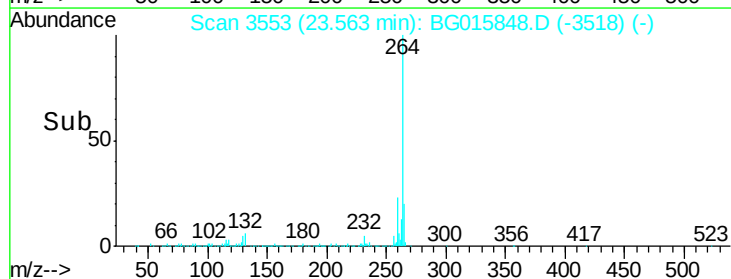
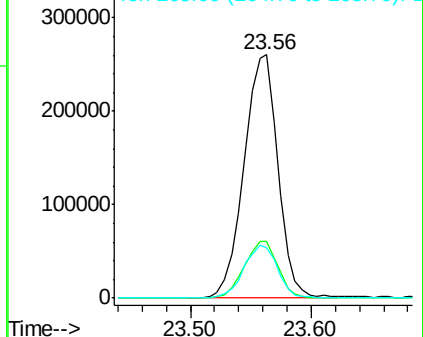
265 20.5 17.4 26.0

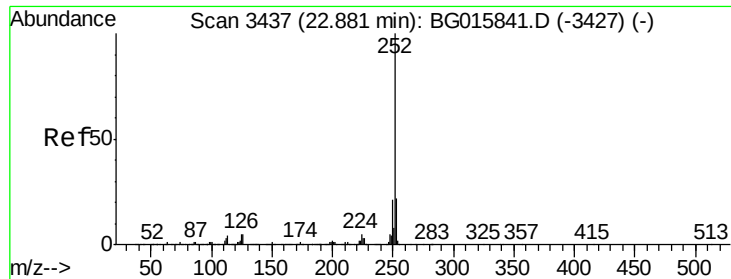


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.85 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

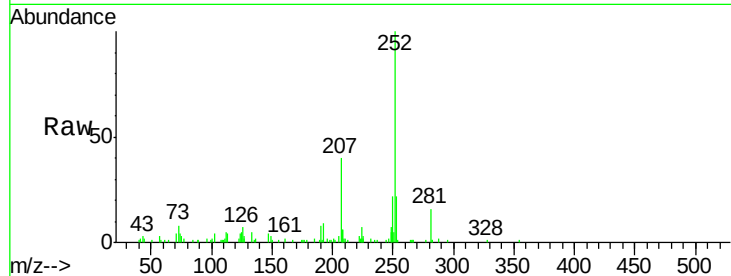
Tgt Ion:252 Resp: 27119

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

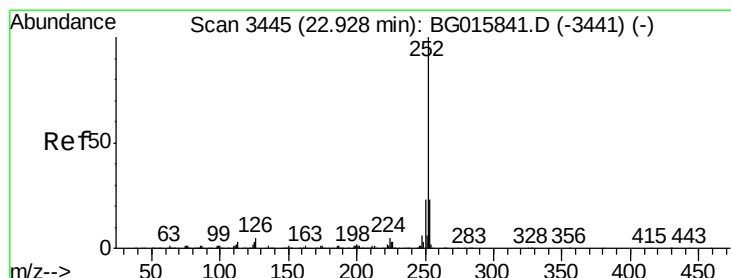
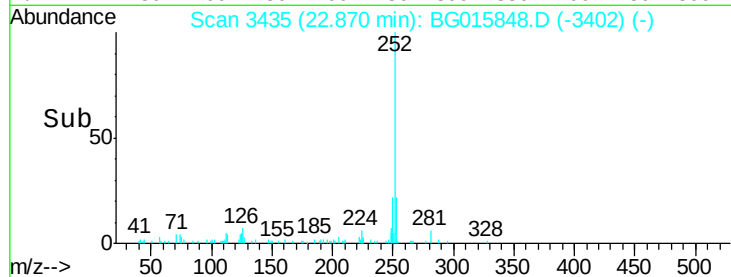
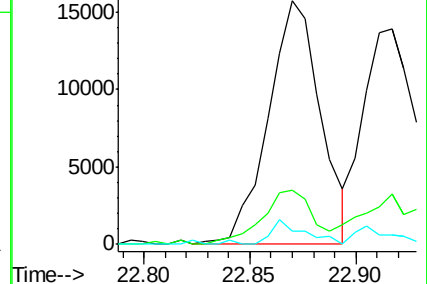
125 5.4 3.6 5.4



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: 0.81 ng

RT: 22.92 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

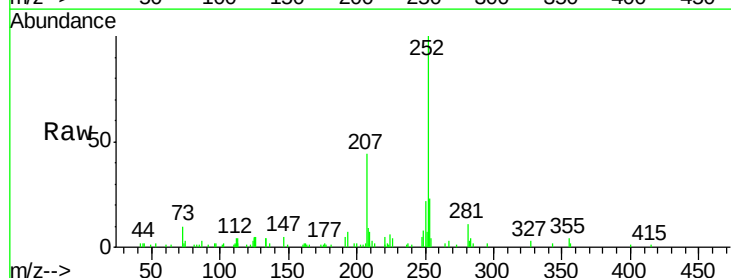
Tgt Ion:252 Resp: 24817

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

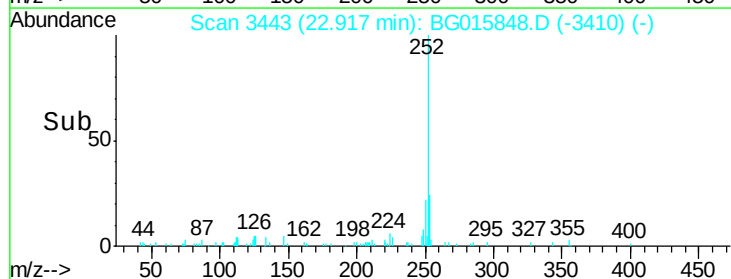
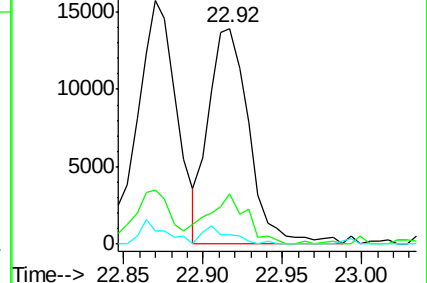
125 4.6 3.0 4.6#

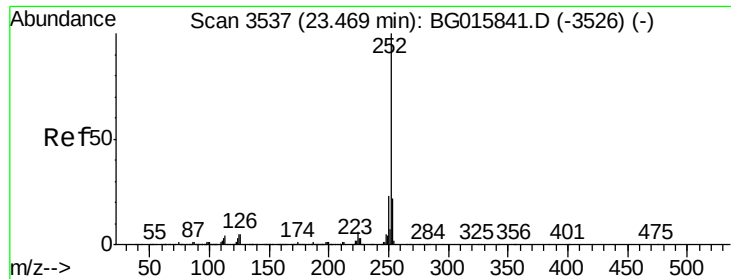


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.85 ng

RT: 23.45 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

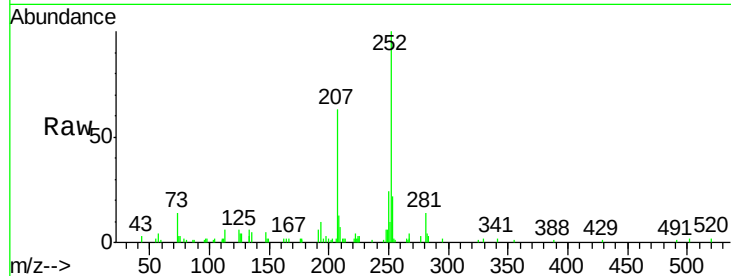
Tgt Ion:252 Resp: 24511

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

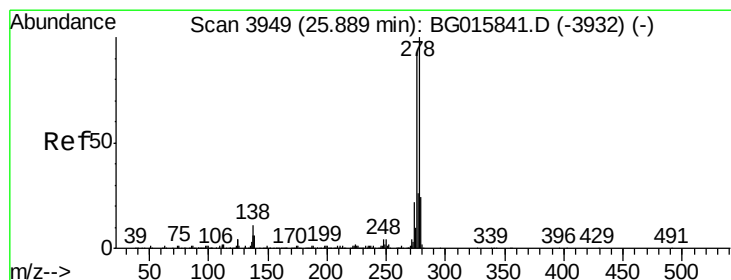
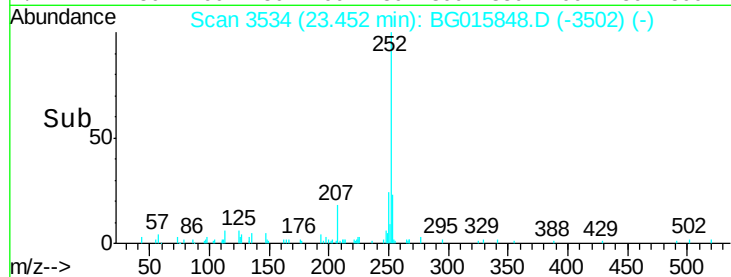
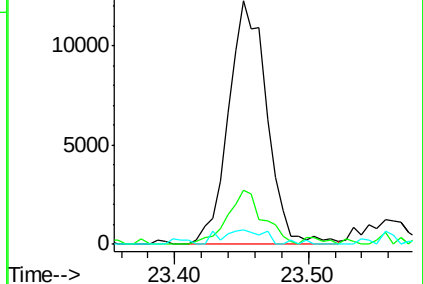
125 6.0 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.80 ng

RT: 25.87 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BG015848.D

Acq: 5 Jan 2015 18:27

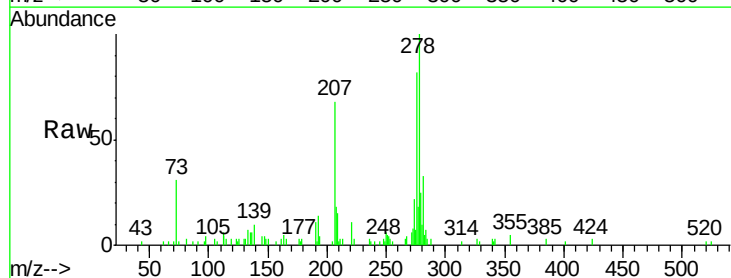
Tgt Ion:278 Resp: 22546

Ion Ratio Lower Upper

278 100

139 9.6 4.9 7.3#

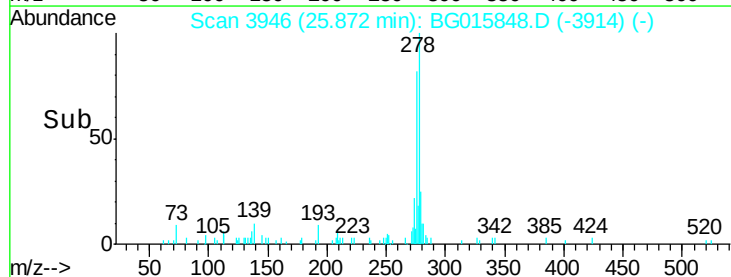
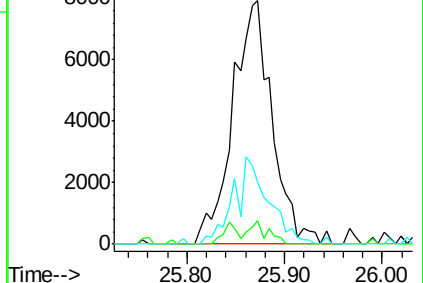
279 25.2 19.1 28.7

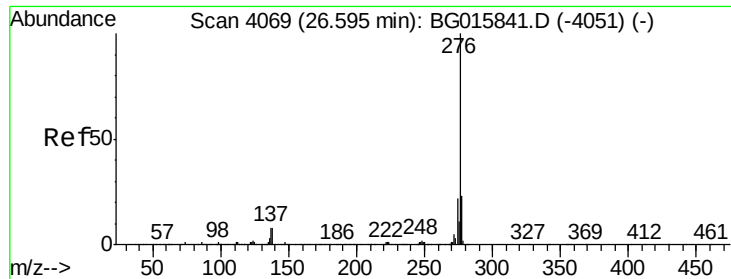


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 0.80 ng
 RT: 26.56 min Scan# 4063
 Delta R.T. -0.03 min
 Lab File: BG015848.D
 Acq: 5 Jan 2015 18:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	18.2	27.2
138	10.6	6.4	9.6

