

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016139.D
 Acq On : 26 Mar 2015 14:37
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 03:57:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	46660	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	196953	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	124227	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	288112	20.00	ng	0.00
75) Chrysene-d12	21.32	240	308918	20.00	ng	0.00
86) Perylene-d12	23.61	264	297528	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	342132	122.72	ng	0.00
7) Phenol-d6	6.96	99	462708	119.24	ng	0.00
23) Nitrobenzene-d5	8.94	82	232755	73.28	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	179713	125.98	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	591625	79.72	ng	0.00
78) Terphenyl-d14	19.78	244	985800	80.37	ng	0.00

Target Compounds						Qvalue	
3) Pyridine	3.70	79	2099	0.60	ng	#	57
4) n-Nitrosodimethylamine	3.62	42	1091	1.05	ng	#	25
6) Aniline	7.12	93	3619	0.65	ng		96
8) 2-Chlorophenol	7.36	128	2847	0.86	ng		91
9) Benzaldehyde	6.94	77	2622	1.62	ng	#	72
10) Phenol	6.99	94	3498	0.82	ng		87
11) bis(2-Chloroethyl)ether	7.22	93	2380	0.69	ng		93
12) 1,3-Dichlorobenzene	7.68	146	2718	0.76	ng		96
13) 1,4-Dichlorobenzene	7.83	146	2487	0.67	ng		96
14) 1,2-Dichlorobenzene	8.14	146	2584	0.74	ng	#	85
15) Benzyl Alcohol	8.03	79	1731	0.60	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.33	45	2512	0.65	ng		90
17) 2-Methylphenol	8.23	107	1953	0.65	ng		94
18) Hexachloroethane	8.86	117	949	0.71	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	1516	0.53	ng	#	88
20) 3+4-Methylphenols	8.56	107	2690	0.66	ng		96
22) Acetophenone	8.61	105	2975	0.67	ng	#	97
24) Nitrobenzene	8.99	77	2584	0.76	ng		97
25) Isophorone	9.51	82	4045	0.56	ng	#	89
26) 2-Nitrophenol	9.69	139	1122	0.61	ng		96
27) 2,4-Dimethylphenol	9.76	122	1976	0.64	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	2523	0.61	ng		98
29) 2,4-Dichlorophenol	10.23	162	2004	0.73	ng		80
30) 1,2,4-Trichlorobenzene	10.44	180	2234	0.76	ng		93
31) Naphthalene	10.63	128	7888	0.75	ng		96
33) 4-Chloroaniline	10.74	127	3168	0.69	ng	#	90
34) Hexachlorobutadiene	10.91	225	1157	0.72	ng	#	88
35) Caprolactam	11.49	113	611	0.41	ng	#	73
36) 4-Chloro-3-methylphenol	11.85	107	1940	0.60	ng		90
37) 2-Methylnaphthalene	12.24	142	5254	0.70	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	2164	0.69	ng	#	91
40) Hexachlorocyclopentadiene	12.59	237	893	0.49	ng		75
42) 2,4,6-Trichlorophenol	12.85	196	1378	0.62	ng		93
43) 2,4,5-Trichlorophenol	12.92	196	1543	0.63	ng	#	85

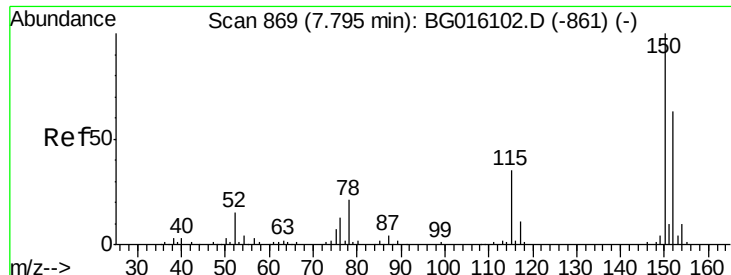
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.25	154	7083	0.78	ng	93
46) 2-Chloronaphthalene	13.29	162	5030	0.71	ng	98
47) 2-Nitroaniline	13.50	65	1285	0.63	ng #	64
48) Acenaphthylene	14.14	152	8677	0.67	ng	98
49) Dimethylphthalate	13.87	163	6091	0.70	ng #	96
50) 2,6-Dinitrotoluene	14.00	165	1231	0.60	ng #	79
51) Acenaphthene	14.48	154	5306	0.68	ng #	88
52) 3-Nitroaniline	14.32	138	1354	0.54	ng #	93
54) Dibenzofuran	14.81	168	8650	0.79	ng	94
55) 4-Nitrophenol	14.63	139	803	0.39	ng	90
56) 2,4-Dinitrotoluene	14.78	165	1513	0.53	ng #	96
57) Fluorene	15.46	166	6907	0.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	1132	0.52	ng #	93
59) Diethylphthalate	15.23	149	6296	0.70	ng #	92
60) 4-Chlorophenyl-phenylether	15.45	204	3349	0.78	ng	93
61) 4-Nitroaniline	15.48	138	1438	0.50	ng	90
62) Azobenzene	15.75	77	6056	0.66	ng	92
65) n-Nitrosodiphenylamine	15.67	169	5752	0.63	ng	96
66) 4-Bromophenyl-phenylether	16.35	248	2023	0.68	ng	89
67) Hexachlorobenzene	16.46	284	2337	0.70	ng #	92
68) Atrazine	16.61	200	1894	0.69	ng	92
70) Phenanthrene	17.19	178	11783	0.73	ng	97
71) Anthracene	17.29	178	11582m	0.72	ng	
72) Carbazole	17.56	167	10292	0.65	ng	99
73) Di-n-butylphthalate	18.12	149	10683	0.60	ng	98
74) Fluoranthene	19.21	202	12239	0.68	ng	94
76) Benzidine	19.40	184	4744	0.59	ng	97
77) Pyrene	19.57	202	12907	0.68	ng	94
79) Butylbenzylphthalate	20.46	149	4458	0.56	ng	93
80) Benzo(a)anthracene	21.30	228	13174	0.75	ng	93
81) 3,3'-Dichlorobenzidine	21.25	252	3522	0.58	ng	89
82) Chrysene	21.36	228	12683	0.79	ng	92
83) Bis(2-ethylhexyl)phthalate	21.24	149	6536	0.60	ng	95
84) Di-n-octyl phthalate	22.13	149	10191	0.55	ng #	79
85) Indeno(1,2,3-cd)pyrene	25.95	276	12708	0.62	ng	97
87) Benzo(b)fluoranthene	22.91	252	12302	0.71	ng	95
88) Benzo(k)fluoranthene	22.96	252	11527	0.69	ng	98
89) Benzo(a)pyrene	23.50	252	11099	0.69	ng #	93
90) Dibenzo(a,h)anthracene	25.96	278	11006	0.66	ng	98
91) Benzo(g,h,i)perylene	26.66	276	11017	0.66	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. 0.00 min

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LOD-SOIL2015-01

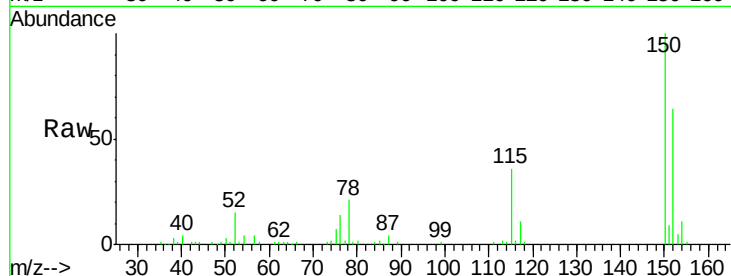
Tgt Ion:152 Resp: 46660

Ion Ratio Lower Upper

152 100

150 156.2 126.1 189.1

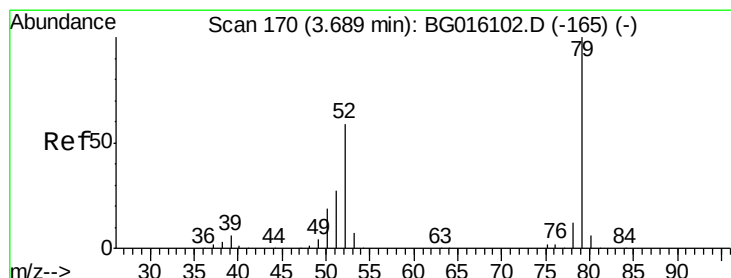
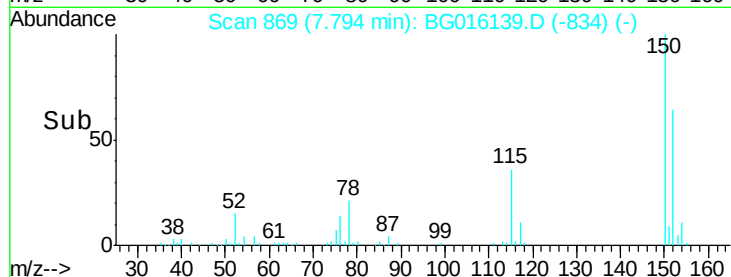
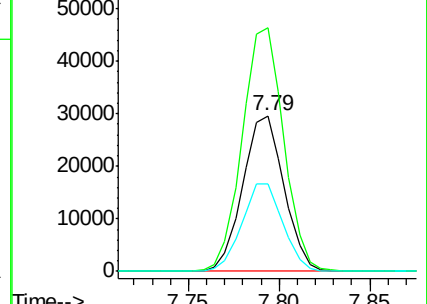
115 56.5 43.7 65.5



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



#3

Pyridine

Concen: 0.60 ng

RT: 3.70 min Scan# 173

Delta R.T. 0.02 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

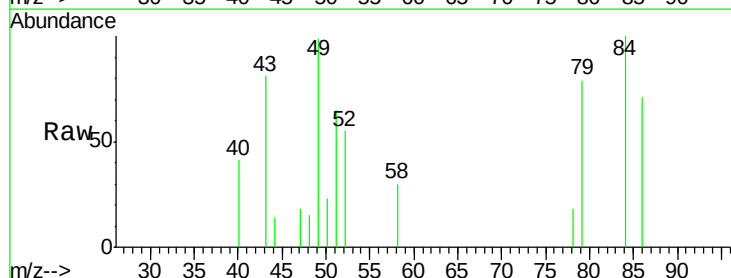
Tgt Ion: 79 Resp: 2099

Ion Ratio Lower Upper

79 100

52 69.3 47.0 70.4

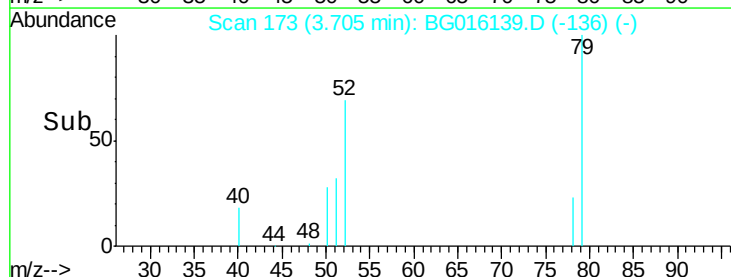
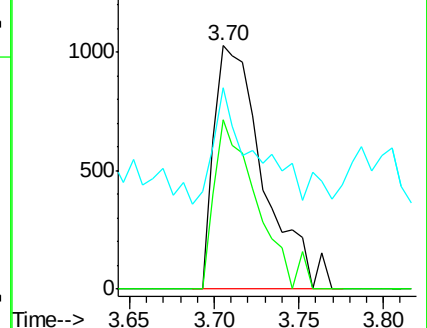
51 82.6 21.9 32.9#

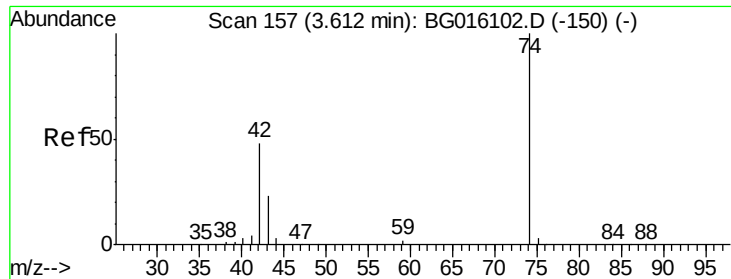


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 1.05 ng

RT: 3.62 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

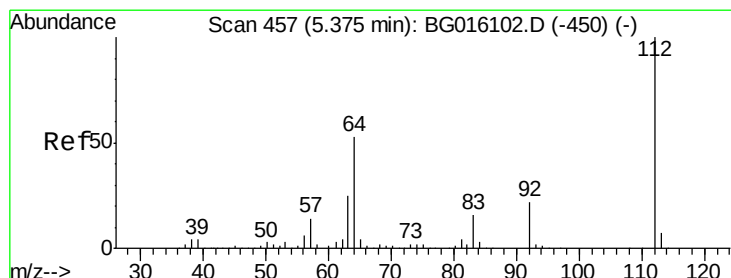
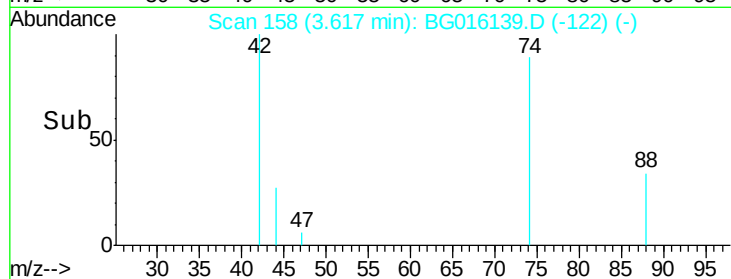
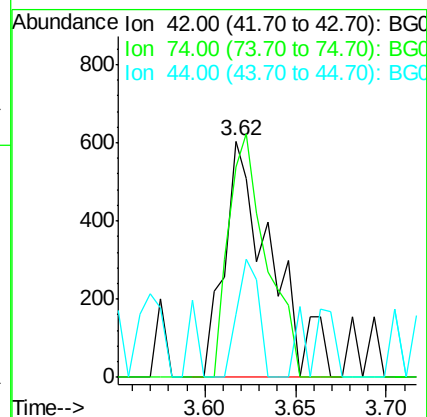
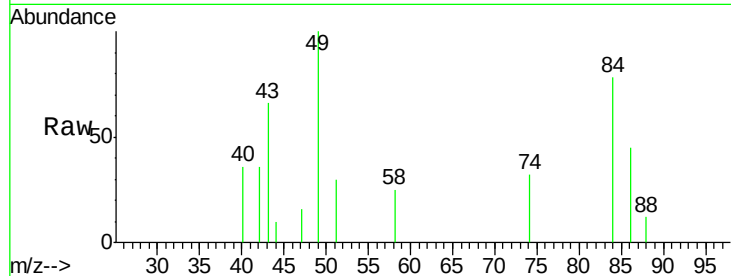
Tgt Ion: 42 Resp: 1091

Ion Ratio Lower Upper

42 100

74 89.2 165.3 247.9#

44 26.7 5.3 7.9#



#5

2-Fluorophenol

Concen: 122.72 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

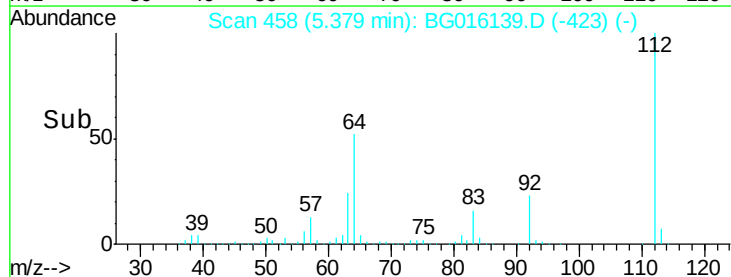
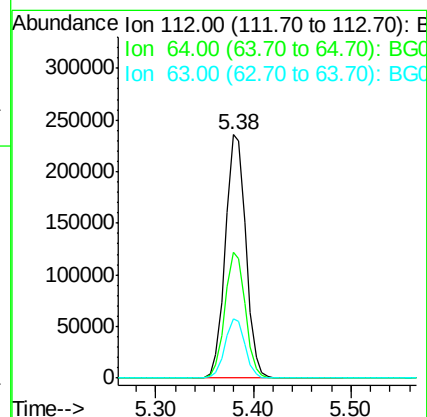
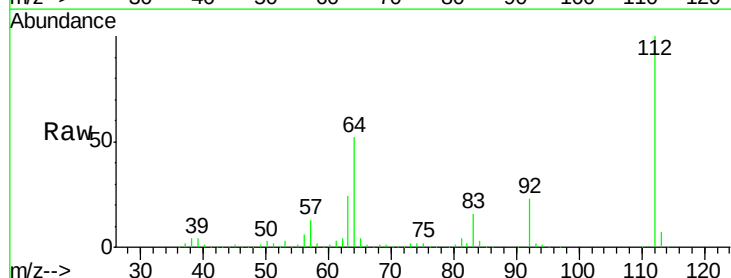
Tgt Ion: 112 Resp: 342132

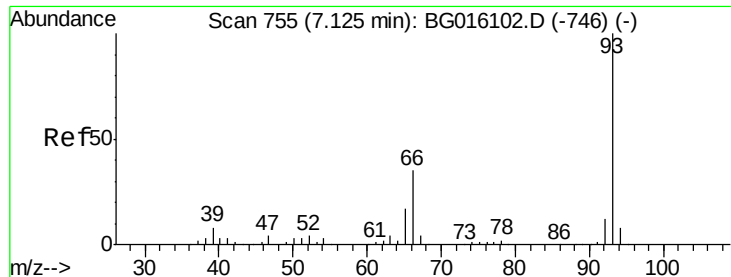
Ion Ratio Lower Upper

112 100

64 51.6 42.6 64.0

63 24.4 19.9 29.9





#6

Aniline

Concen: 0.65 ng

RT: 7.12 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

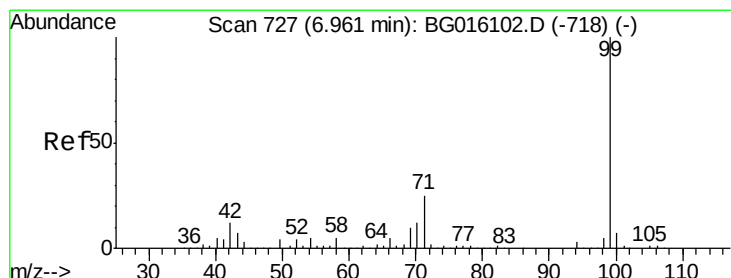
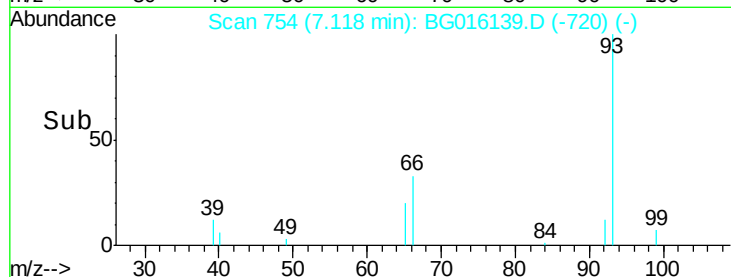
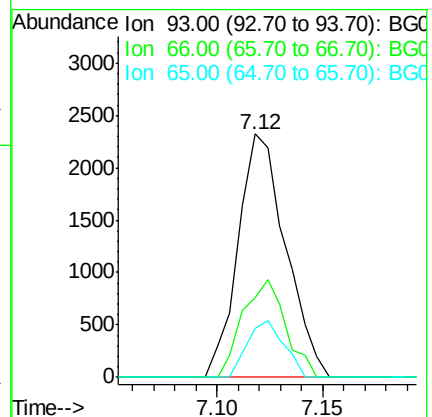
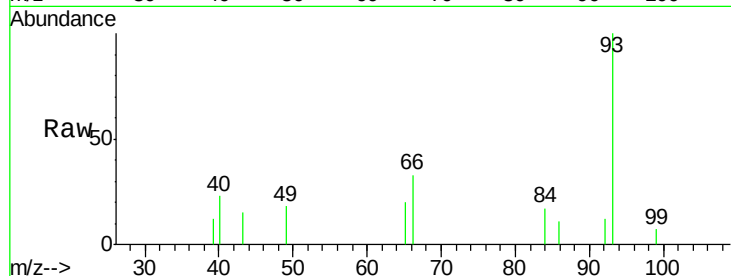
Tgt Ion: 93 Resp: 3619

Ion Ratio Lower Upper

93 100

66 32.8 27.8 41.6

65 19.9 13.9 20.9



#7

Phenol-d6

Concen: 119.24 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

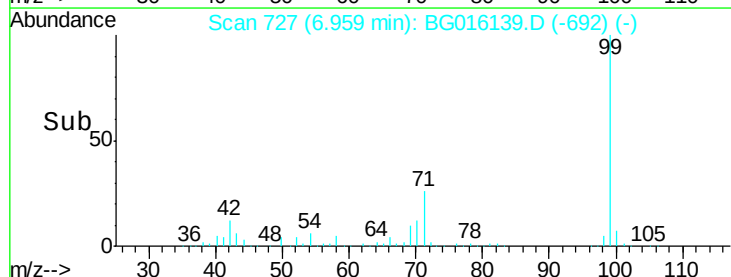
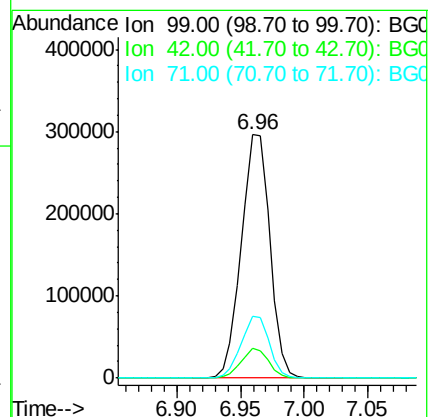
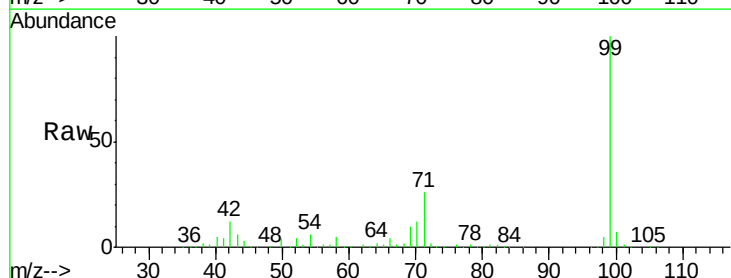
Tgt Ion: 99 Resp: 462708

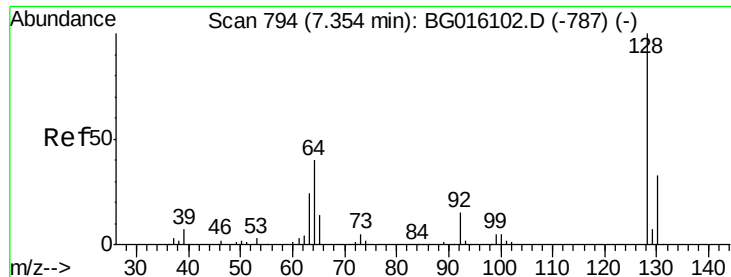
Ion Ratio Lower Upper

99 100

42 12.3 9.4 14.0

71 25.7 19.9 29.9





#8

2-Chlorophenol

Concen: 0.86 ng

RT: 7.36 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

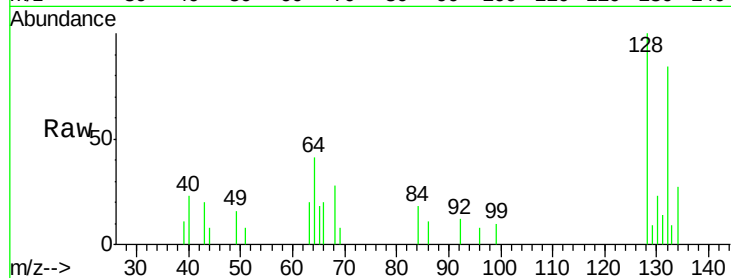
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

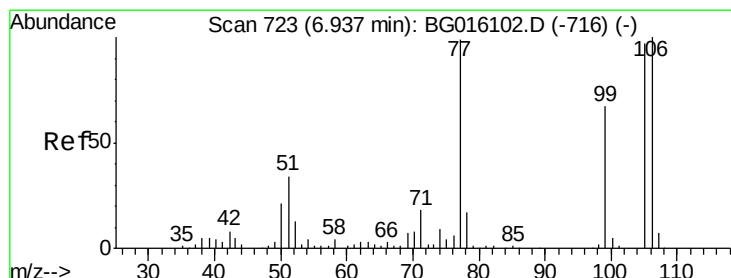
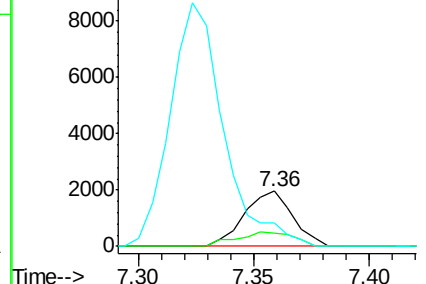
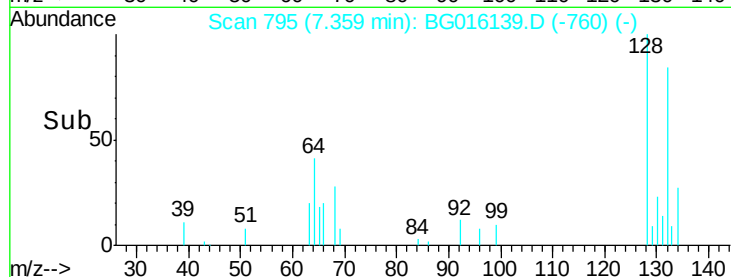
Tgt Ion:	128	Resp:	2847
Ion	Ratio	Lower	Upper
128	100		
130	23.0	12.5	52.5
64	41.4	23.4	63.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 1.62 ng

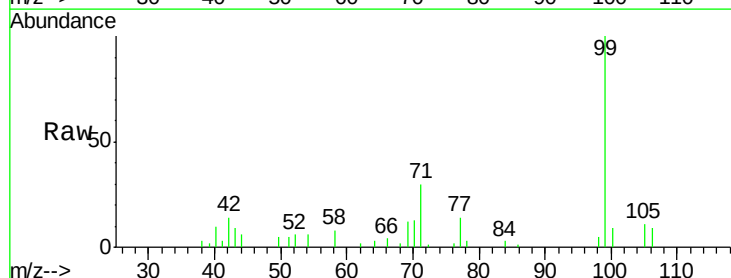
RT: 6.94 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

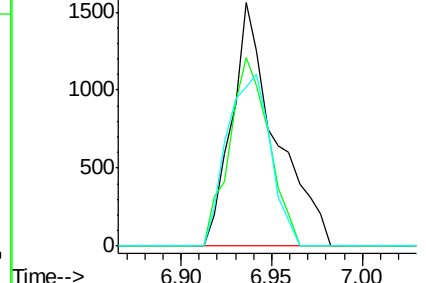
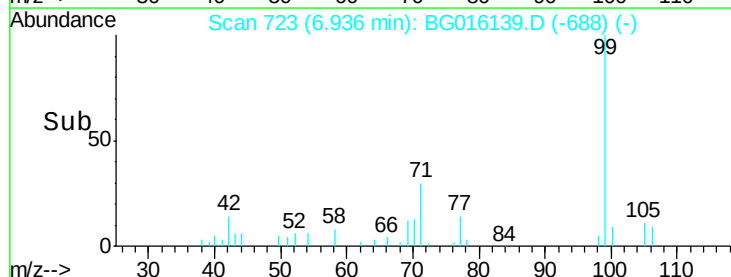
Tgt Ion:	77	Resp:	2622
Ion	Ratio	Lower	Upper
77	100		
105	77.3	78.1	118.1#
106	65.1	81.0	121.0#

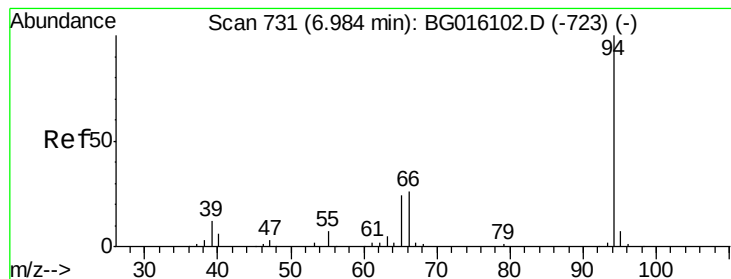


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.82 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

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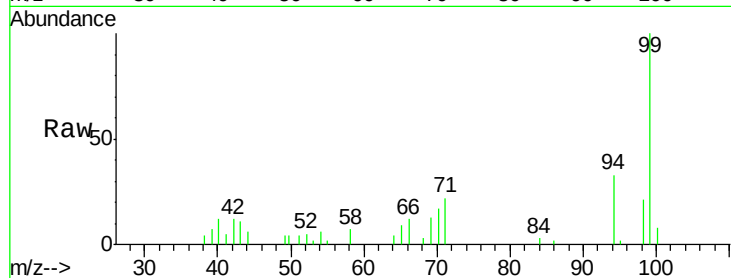
Tgt Ion: 94 Resp: 3498

Ion Ratio Lower Upper

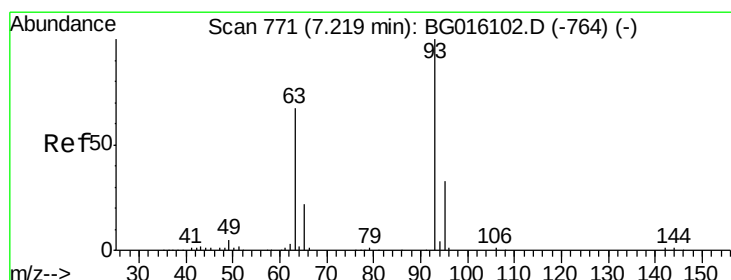
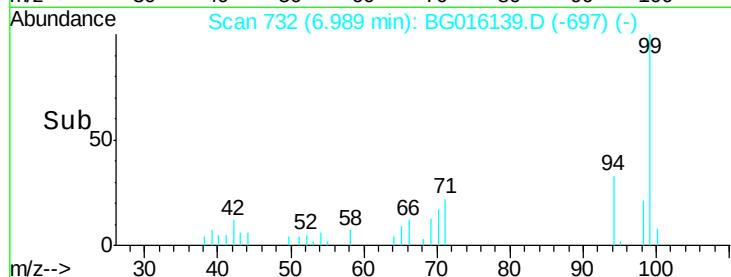
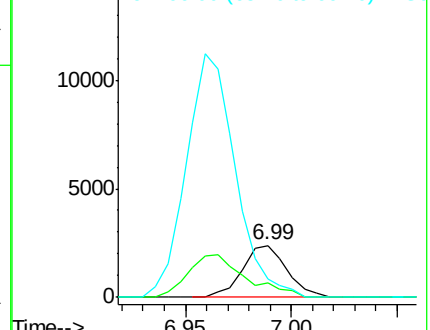
94 100

65 28.3 4.0 44.0

66 36.1 7.4 47.4



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: 0.69 ng

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

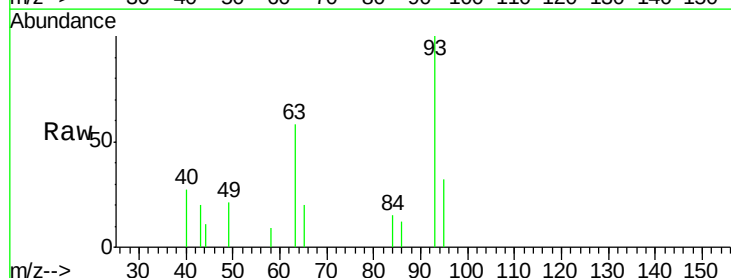
Tgt Ion: 93 Resp: 2380

Ion Ratio Lower Upper

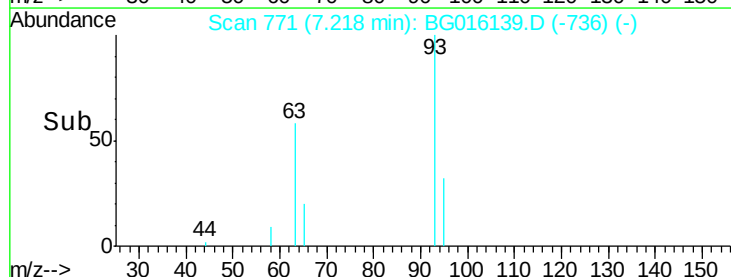
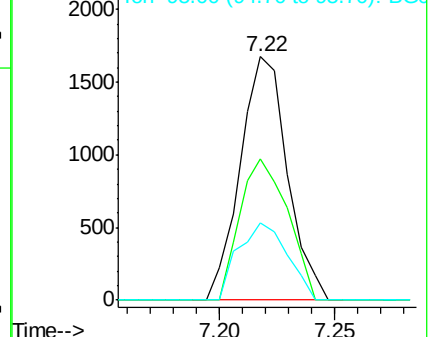
93 100

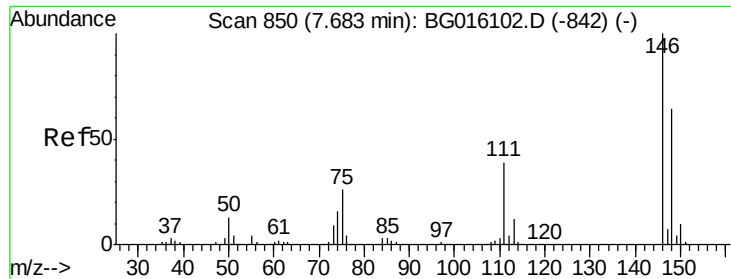
63 58.1 46.5 86.5

95 31.9 12.5 52.5



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

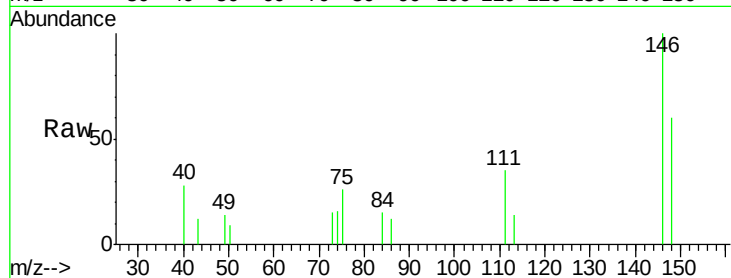




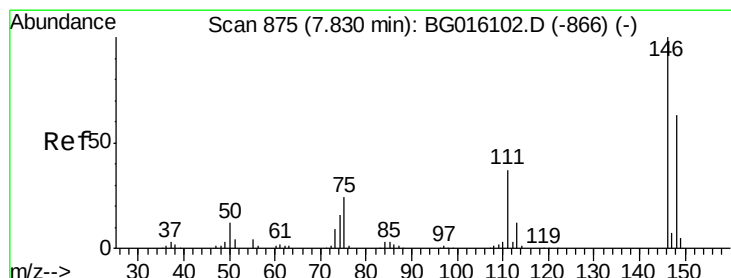
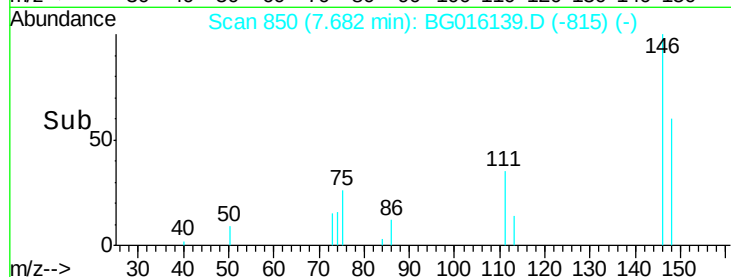
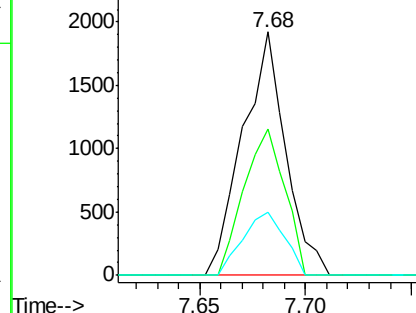
#12
 1,3-Dichlorobenzene
 Concen: 0.76 ng
 RT: 7.68 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:146 Resp: 2718
 Ion Ratio Lower Upper
 146 100
 148 59.9 51.2 76.8
 75 26.2 20.5 30.7

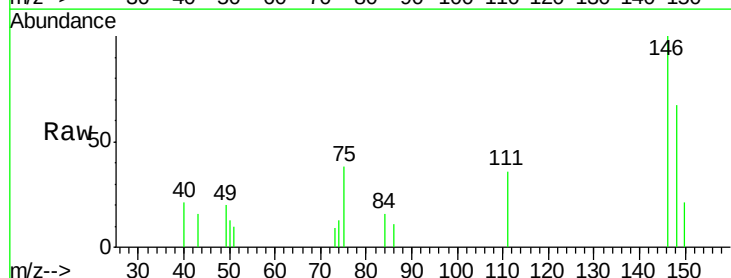


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

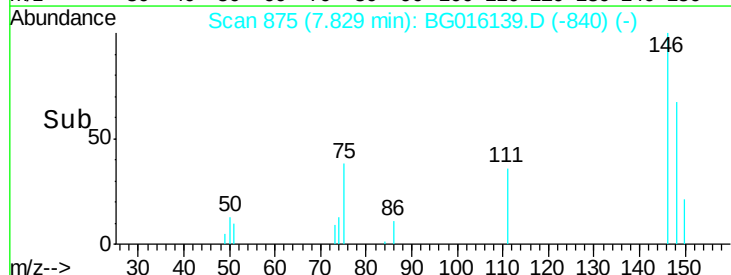
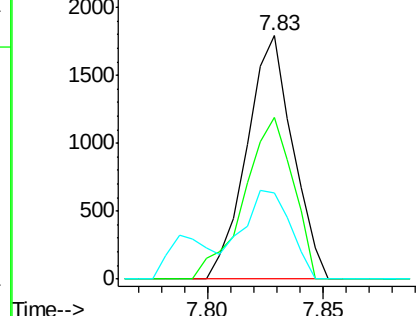


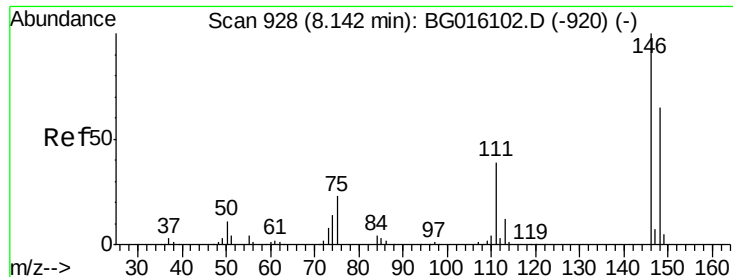
#13
 1,4-Dichlorobenzene
 Concen: 0.67 ng
 RT: 7.83 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:146 Resp: 2487
 Ion Ratio Lower Upper
 146 100
 148 66.6 50.3 75.5
 111 35.6 29.5 44.3



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





#14

1,2-Dichlorobenzene

Concen: 0.74 ng

RT: 8.14 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

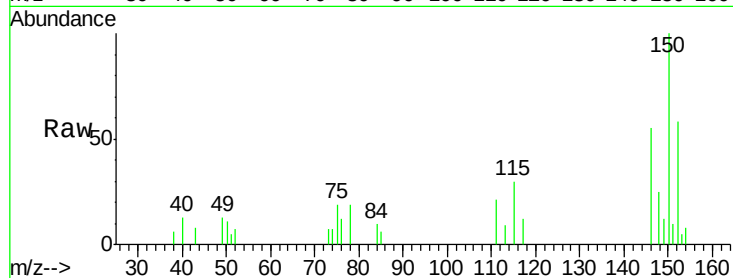
BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:146 Resp: 2584

Ion	Ratio	Lower	Upper
146	100		
148	46.3	51.8	77.8#
111	38.5	31.4	47.2

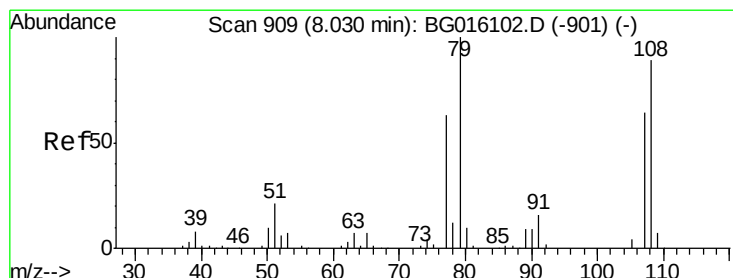
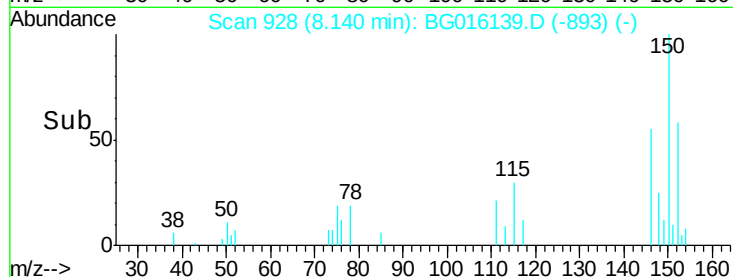
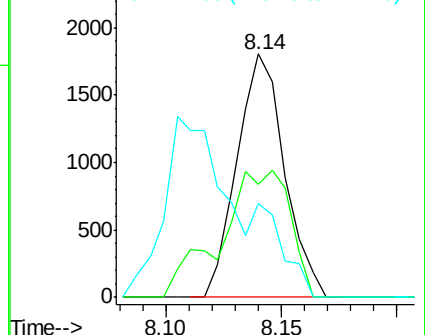


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.60 ng

RT: 8.03 min Scan# 909

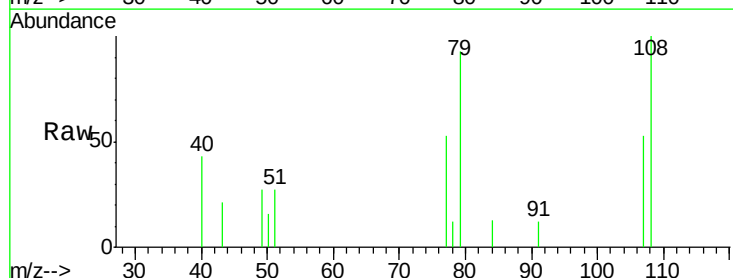
Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Tgt Ion: 79 Resp: 1731

Ion	Ratio	Lower	Upper
79	100		
108	107.6	71.4	107.0#
77	57.4	50.1	75.1

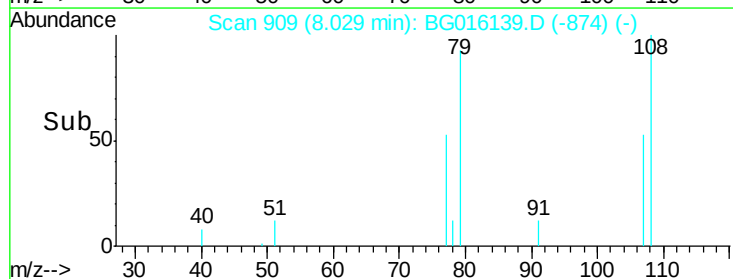
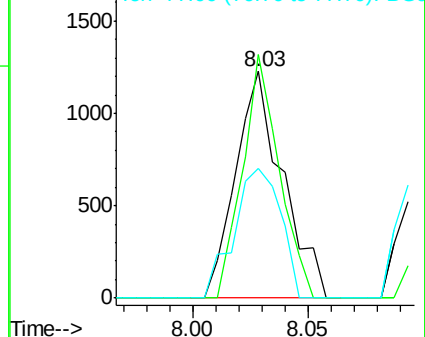


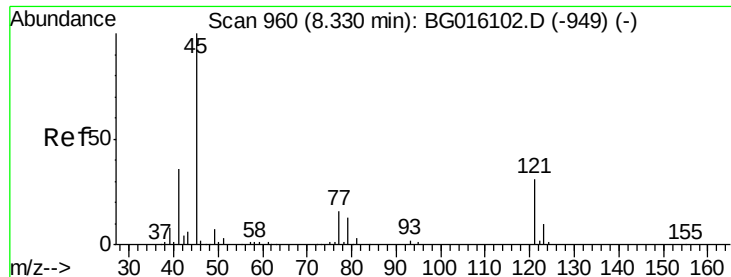
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC





#16

2,2'-oxybis(1-chloropropane)

Concen: 0.65 ng

RT: 8.33 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

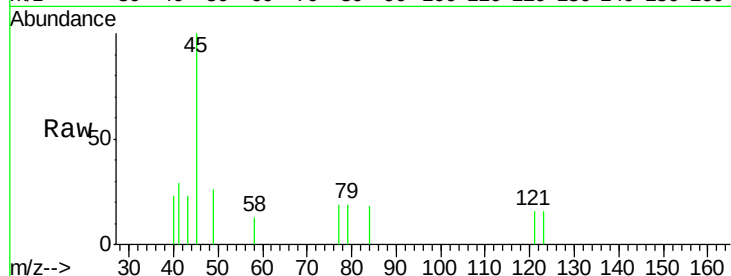
Tgt Ion: 45 Resp: 2512

Ion Ratio Lower Upper

45 100

77 19.3 0.0 36.3

79 18.7 0.0 33.3

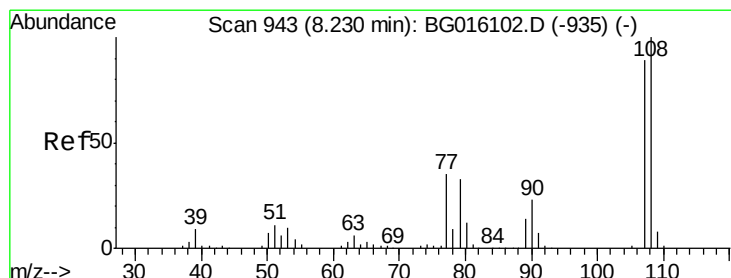
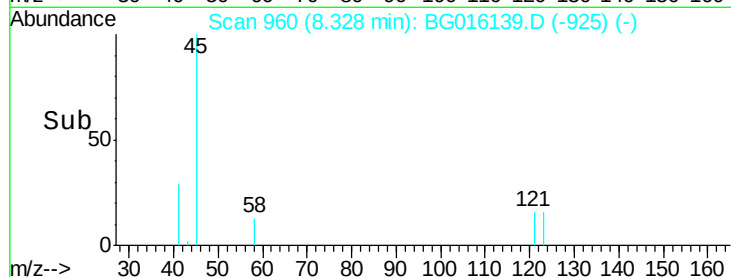
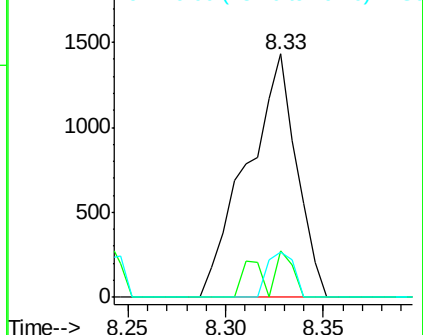


Abundance

Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#17

2-Methylphenol

Concen: 0.65 ng

RT: 8.23 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Tgt Ion: 107 Resp: 1953

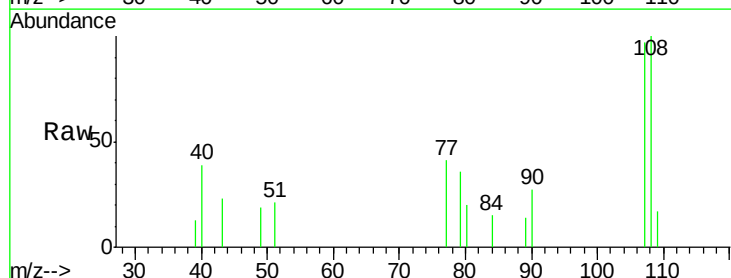
Ion Ratio Lower Upper

107 100

108 103.1 89.4 134.2

77 42.2 31.4 47.2

79 36.7 29.8 44.8



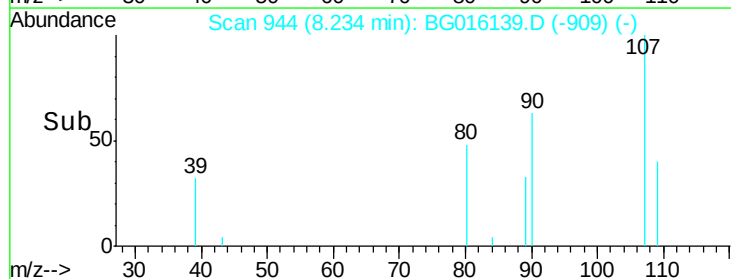
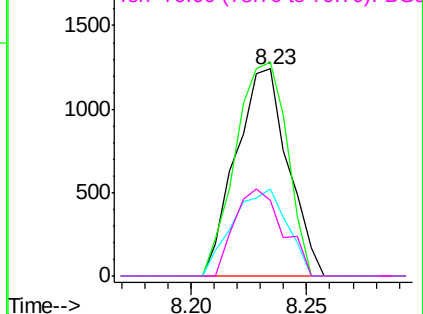
Abundance

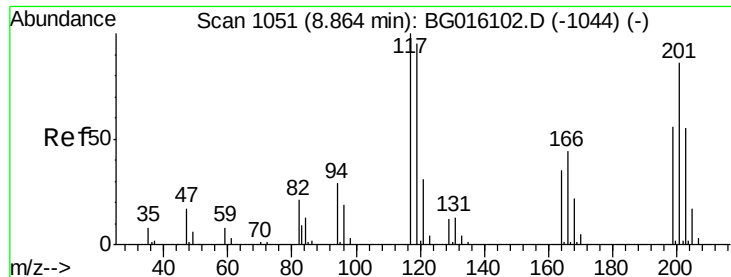
Ion 107.00 (106.70 to 107.70): BGC

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

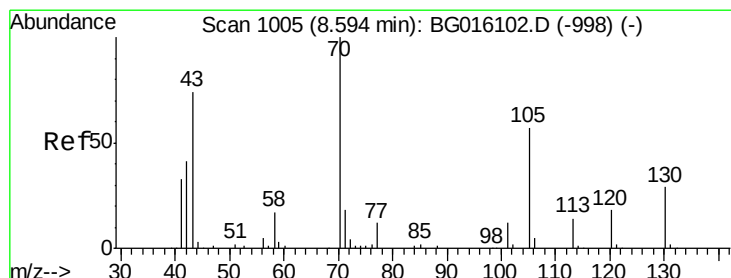
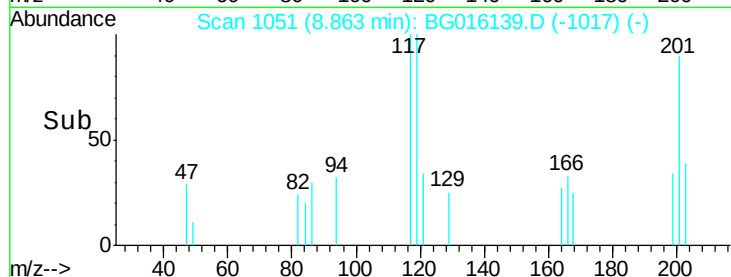
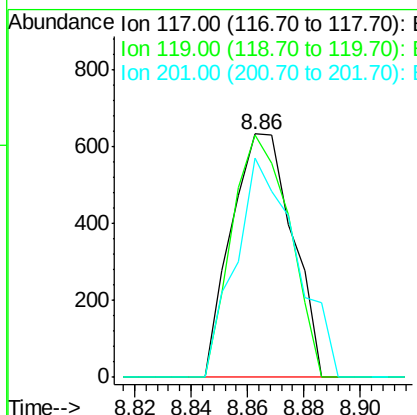
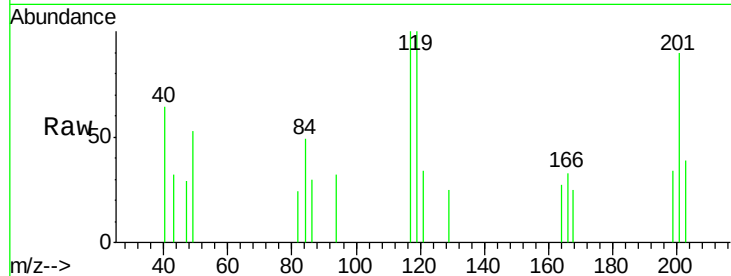




#18
 Hexachloroethane
 Concen: 0.71 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

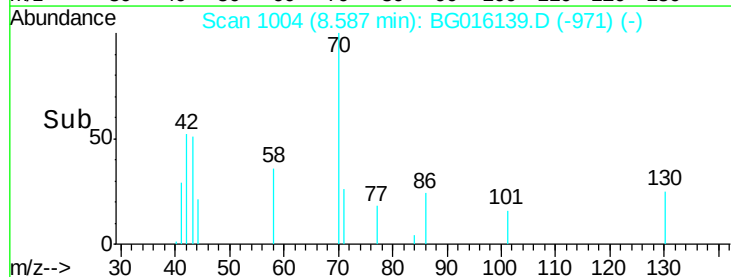
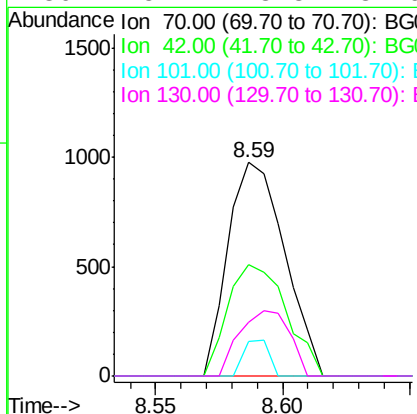
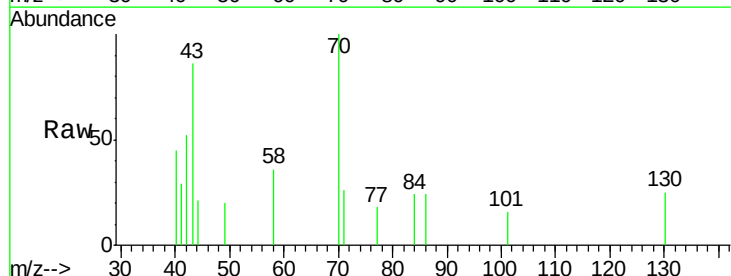
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

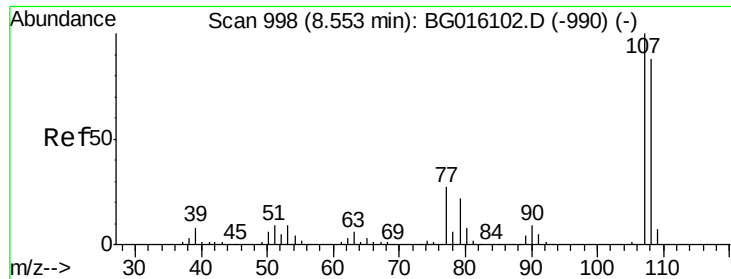
Tgt Ion: 117 Resp: 949
 Ion Ratio Lower Upper
 117 100
 119 99.8 76.4 114.6
 201 90.1 68.6 102.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 0.53 ng
 RT: 8.59 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion: 70 Resp: 1516
 Ion Ratio Lower Upper
 70 100
 42 52.2 33.4 50.2#
 101 16.1 9.6 14.4#
 130 25.2 23.3 34.9

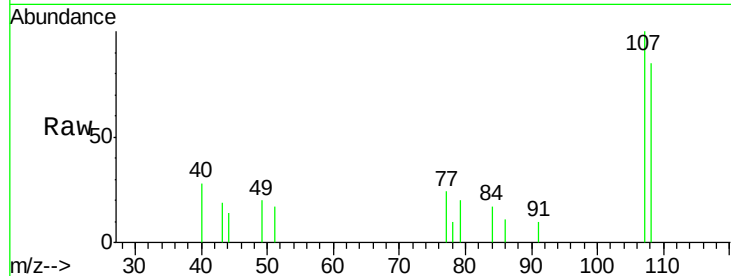




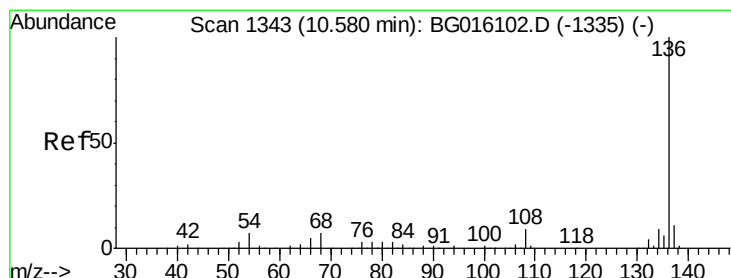
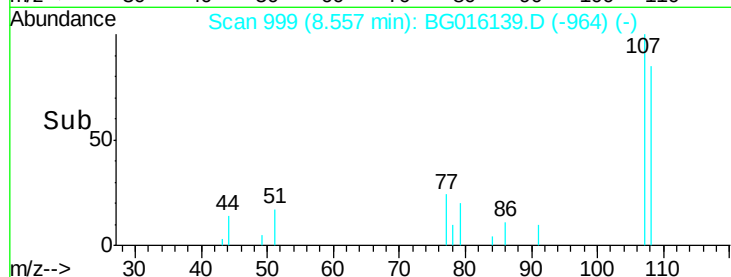
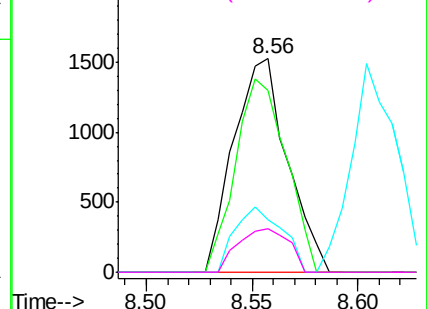
#20
3+4-Methylphenols
Concen: 0.66 ng
RT: 8.56 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	107	Resp:	2690
Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.4	108.4
77	24.4	6.9	46.9
79	20.1	2.3	42.3

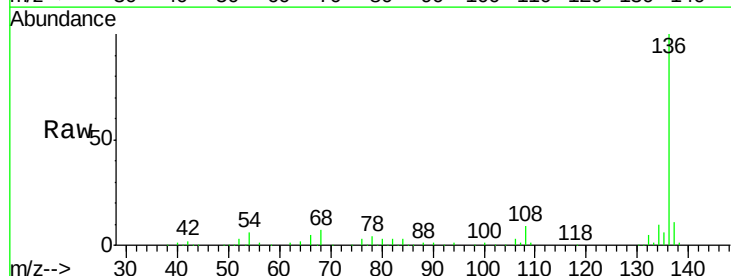


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

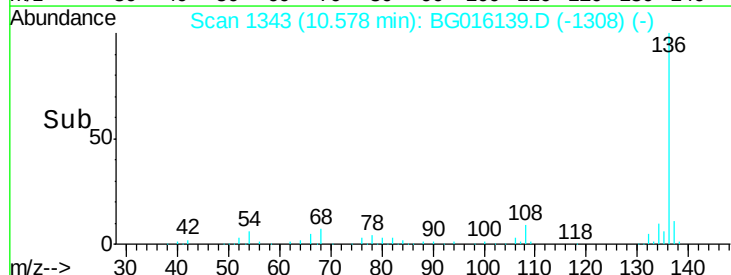
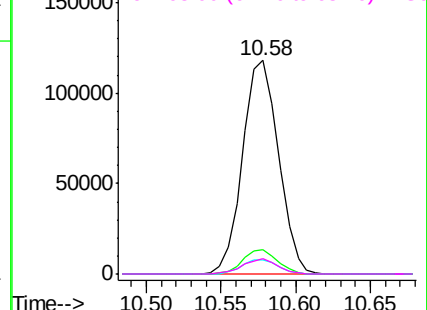


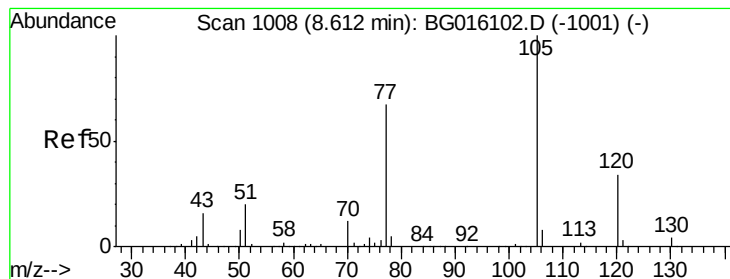
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:	136	Resp:	196953
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.5	5.5	8.3
68	7.1	6.0	9.0



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





#22

Acetophenone

Concen: 0.67 ng

RT: 8.61 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 105 Resp: 2975

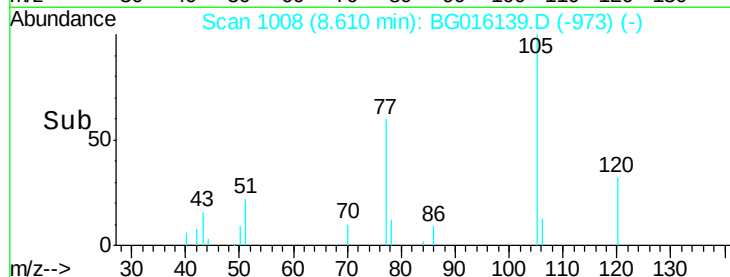
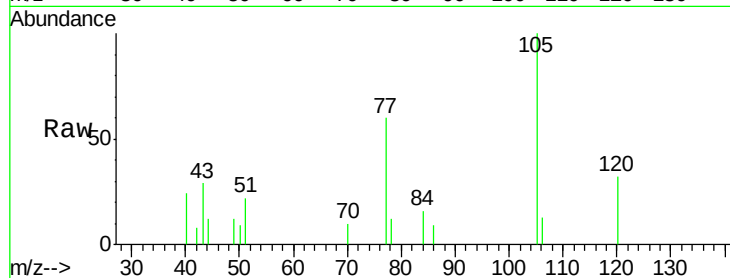
Ion Ratio Lower Upper

105 100

71 0.0 2.2 3.2#

51 21.9 17.9 26.9

120 31.6 27.0 40.4

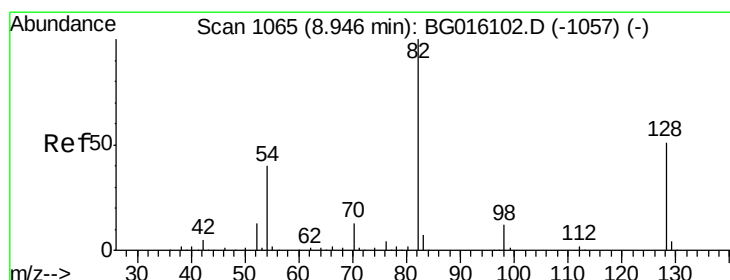
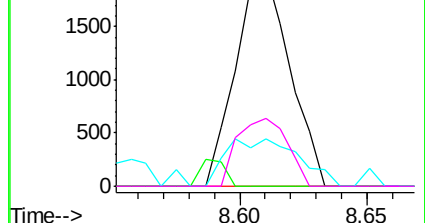


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 73.28 ng

RT: 8.94 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

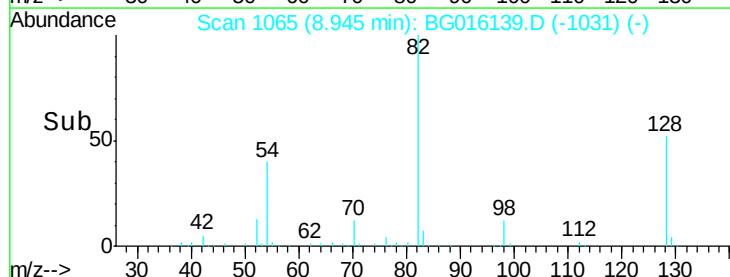
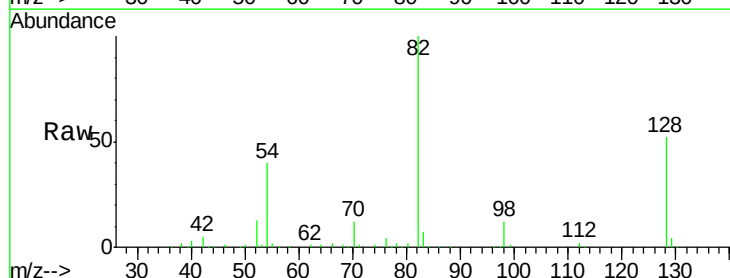
Tgt Ion: 82 Resp: 232755

Ion Ratio Lower Upper

82 100

128 51.8 40.4 60.6

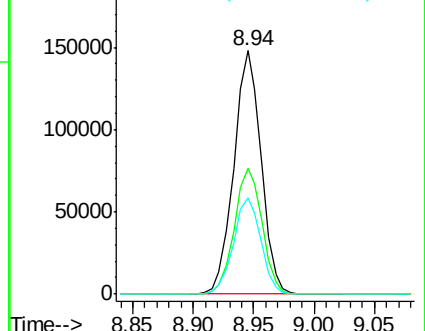
54 39.7 32.1 48.1

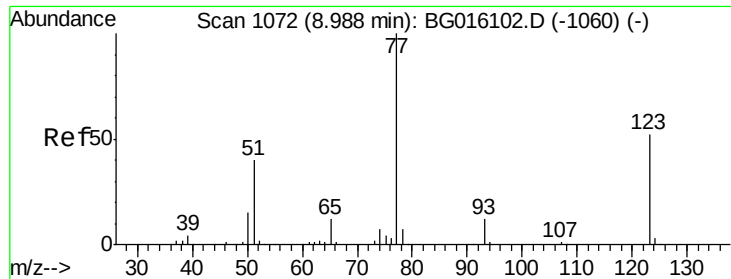


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.76 ng

RT: 8.99 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

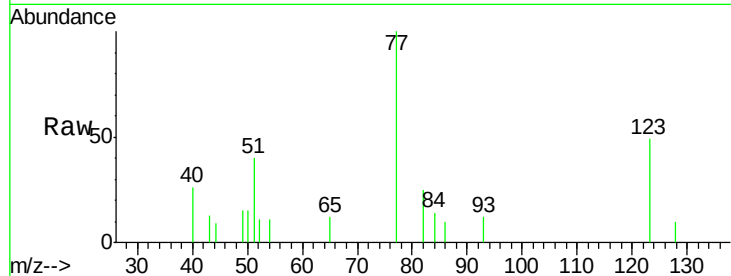
Tgt Ion: 77 Resp: 2584

Ion Ratio Lower Upper

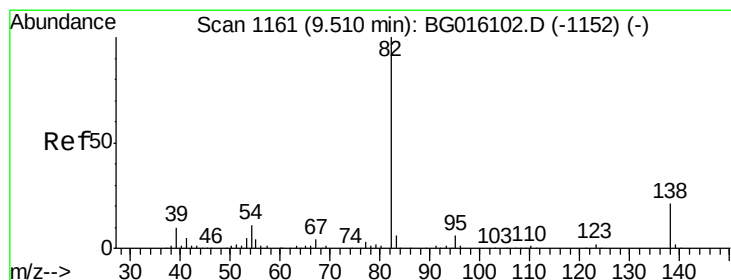
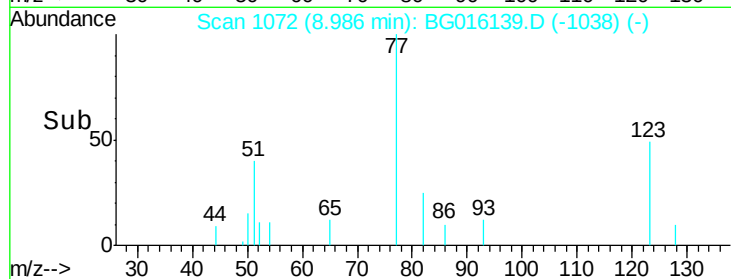
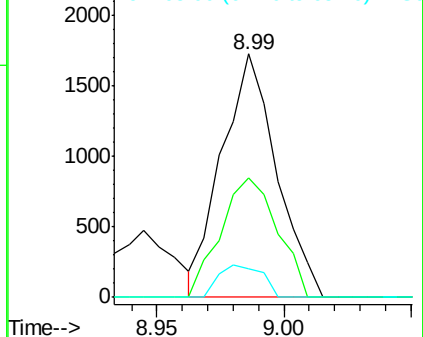
77 100

123 48.9 41.4 62.0

65 11.8 9.7 14.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 0.56 ng

RT: 9.51 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

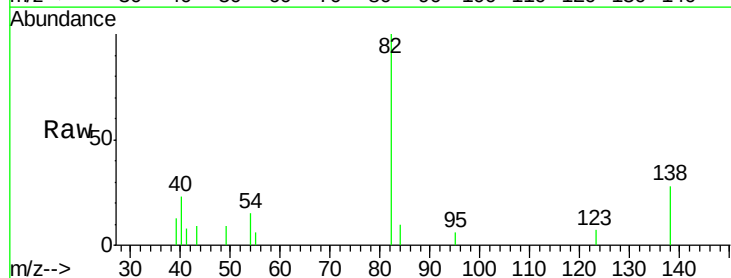
Tgt Ion: 82 Resp: 4045

Ion Ratio Lower Upper

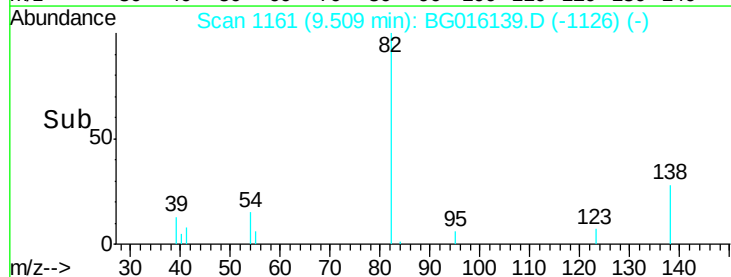
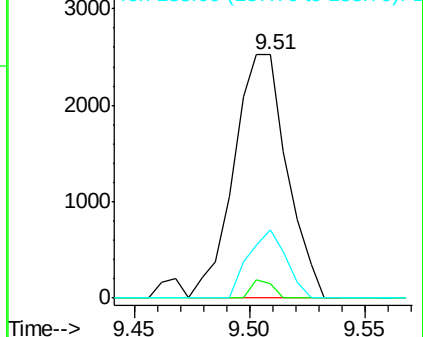
82 100

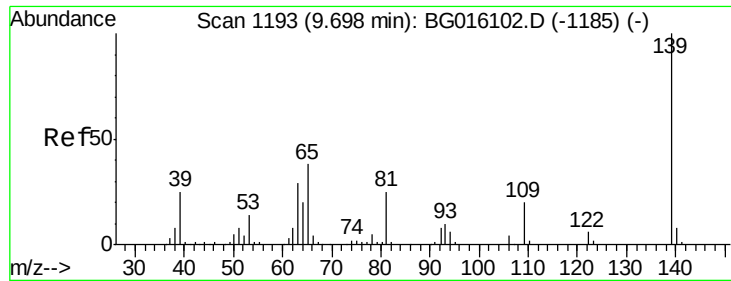
95 6.1 4.6 6.8

138 27.8 17.1 25.7#



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

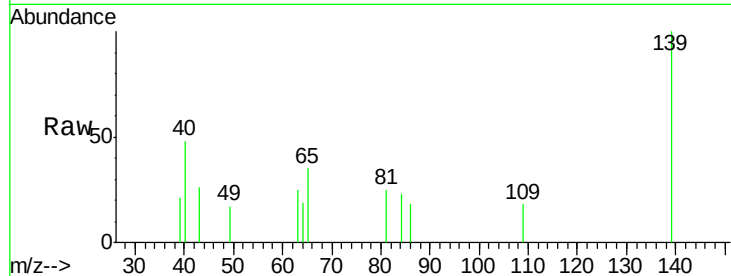




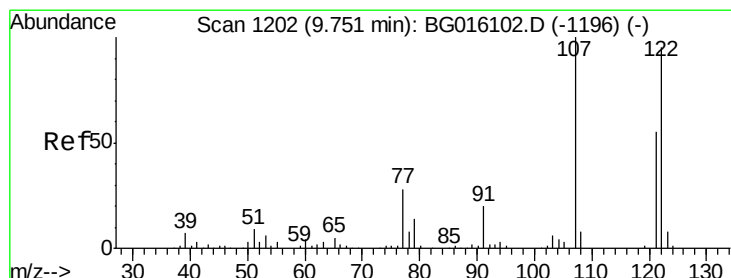
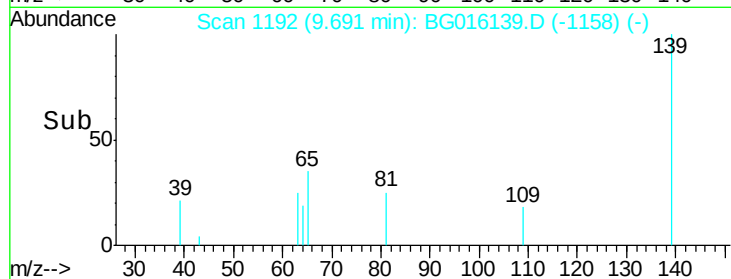
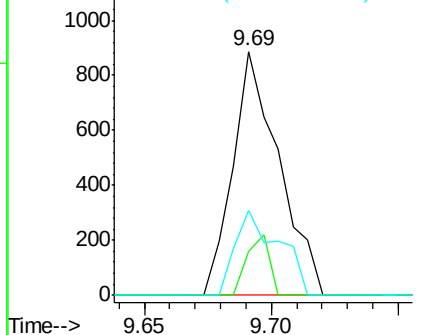
#26
2-Nitrophenol
Concen: 0.61 ng
RT: 9.69 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:139 Resp: 1122
Ion Ratio Lower Upper
139 100
109 18.2 15.7 23.5
65 35.0 30.1 45.1

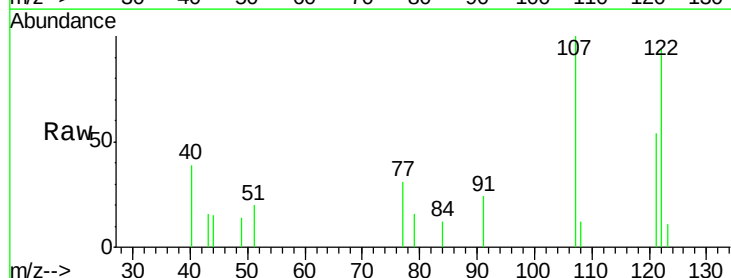


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

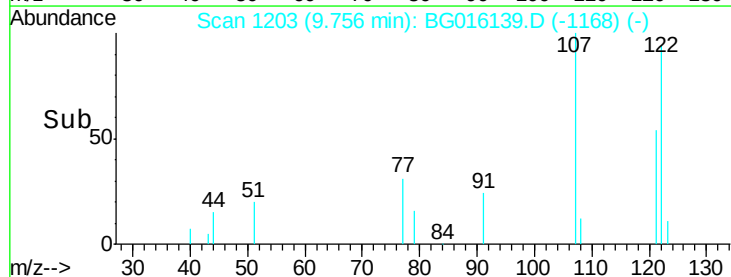
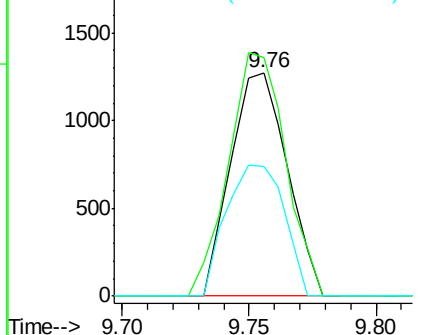


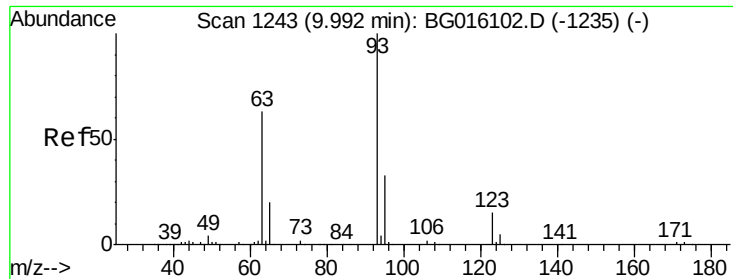
#27
2,4-Dimethylphenol
Concen: 0.64 ng
RT: 9.76 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:122 Resp: 1976
Ion Ratio Lower Upper
122 100
107 106.8 83.6 125.4
121 57.9 45.6 68.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

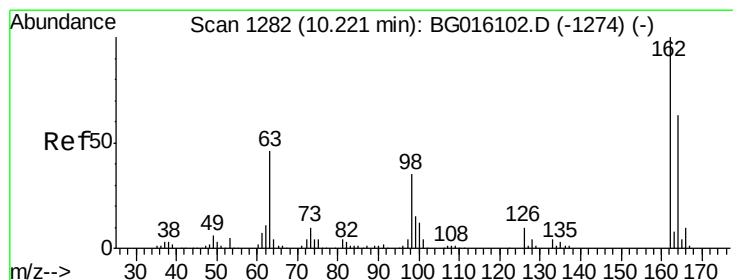
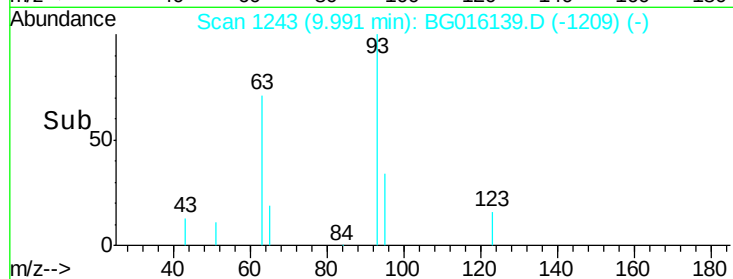
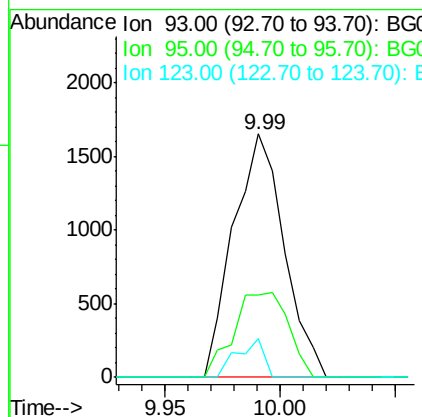
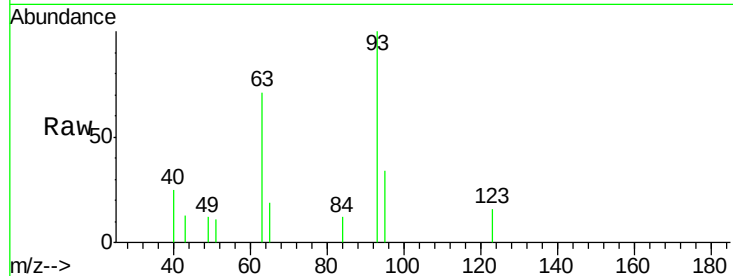




#28
bis(2-Chloroethoxy)methane
Concen: 0.61 ng
RT: 9.99 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

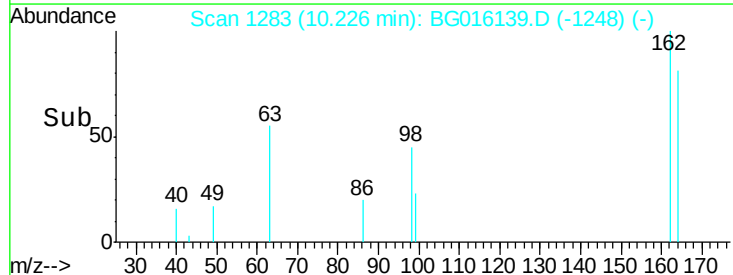
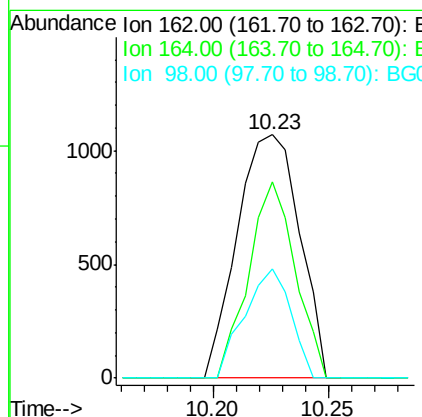
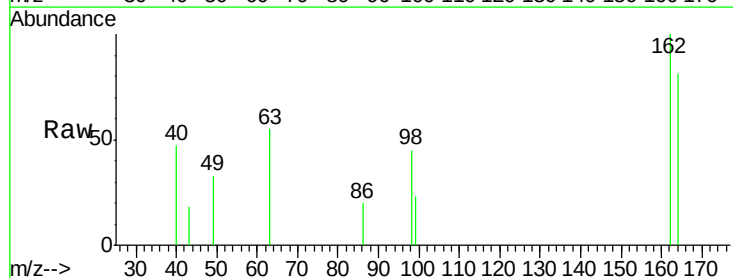
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

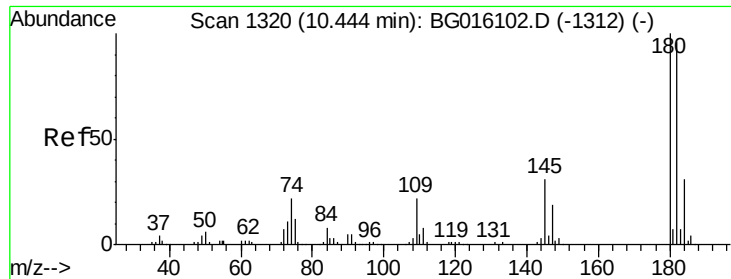
Tgt Ion: 93 Resp: 2523
Ion Ratio Lower Upper
93 100
95 34.0 26.4 39.6
123 15.8 12.3 18.5



#29
2,4-Dichlorophenol
Concen: 0.73 ng
RT: 10.23 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion: 162 Resp: 2004
Ion Ratio Lower Upper
162 100
164 80.6 43.5 83.5
98 45.0 14.8 54.8

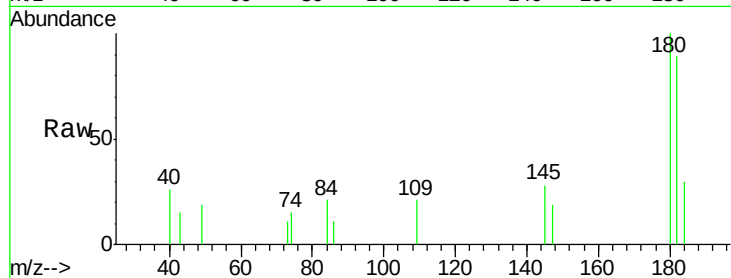




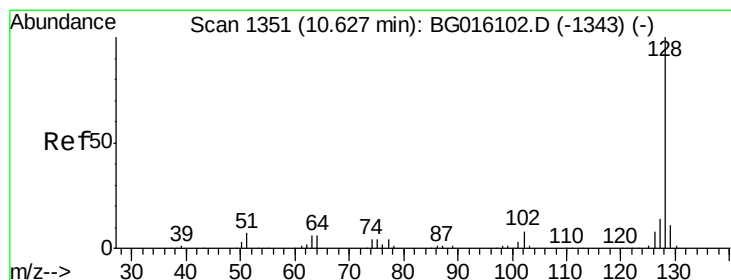
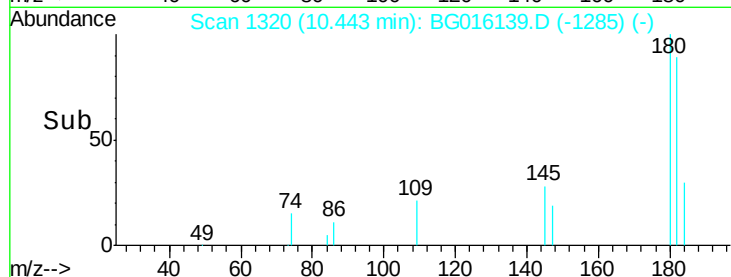
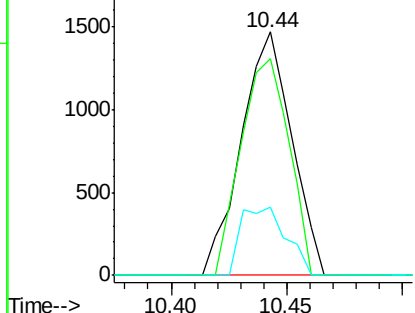
#30
 1,2,4-Trichlorobenzene
 Concen: 0.76 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:180 Resp: 2234
 Ion Ratio Lower Upper
 180 100
 182 89.3 76.8 115.2
 145 27.8 24.8 37.2

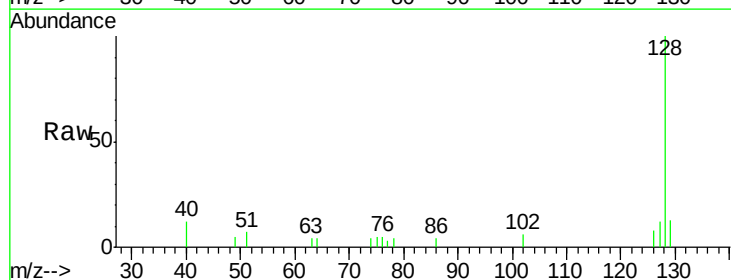


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

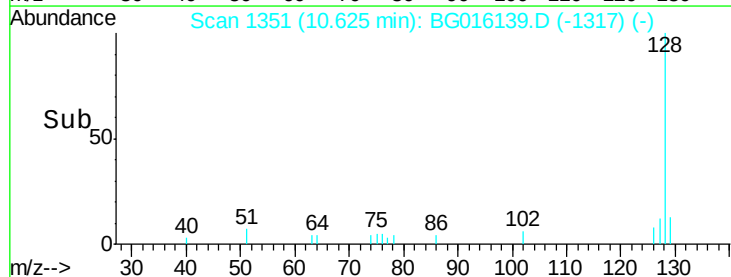
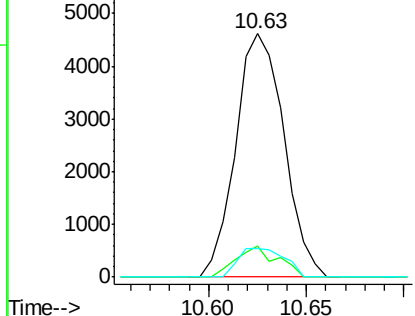


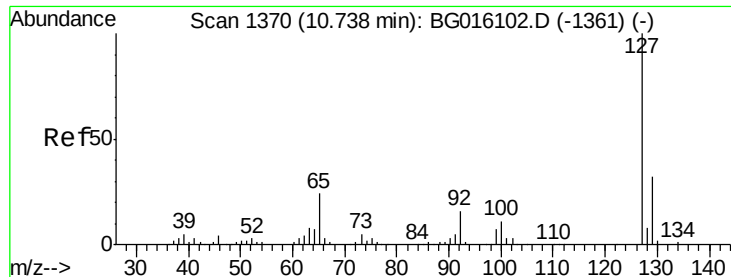
#31
 Naphthalene
 Concen: 0.75 ng
 RT: 10.63 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:128 Resp: 7888
 Ion Ratio Lower Upper
 128 100
 129 12.9 9.2 13.8
 127 11.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

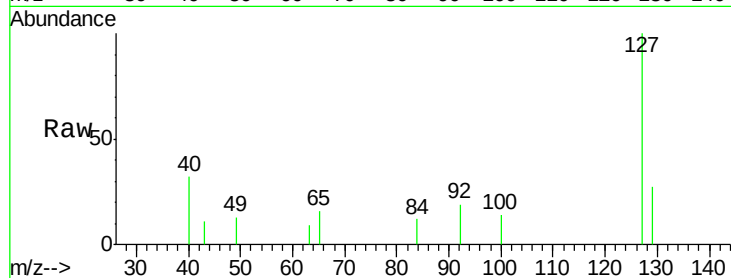




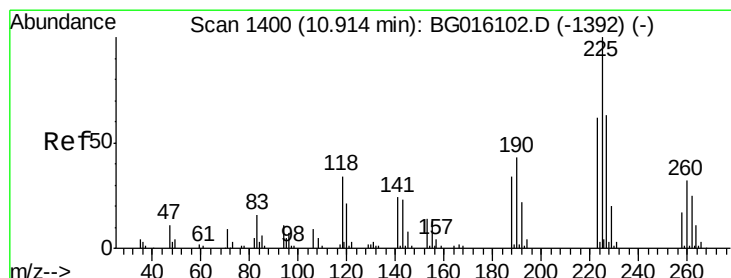
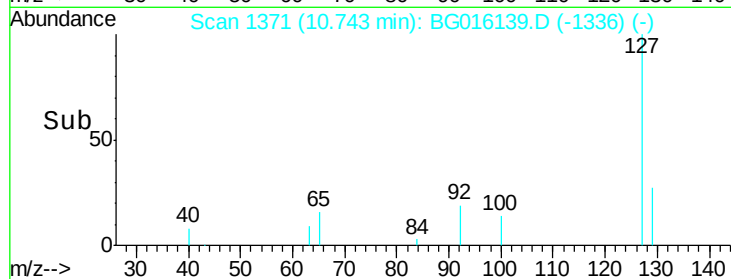
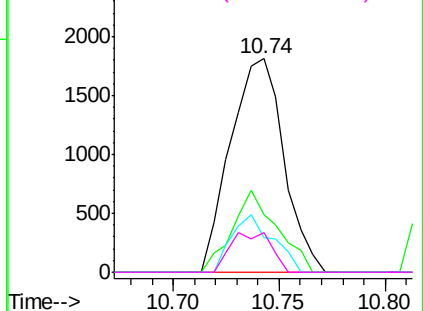
#33
4-Chloroaniline
Concen: 0.69 ng
RT: 10.74 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:	127	Resp:	3168
Ion	Ratio	Lower	Upper
127	100		
129	27.1	25.3	37.9
65	16.1	19.5	29.3
92	18.8	13.1	19.7

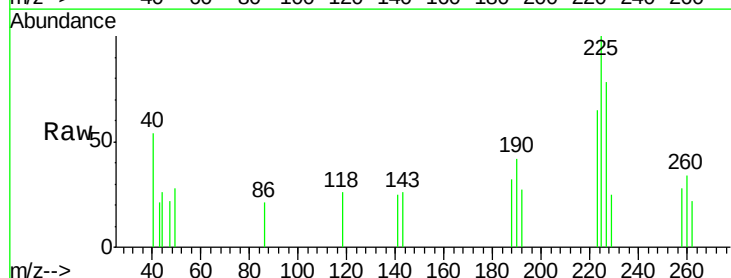


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

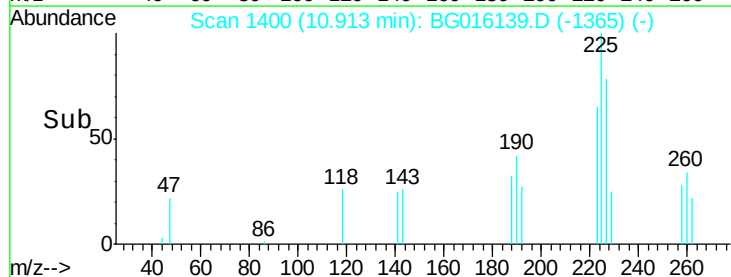
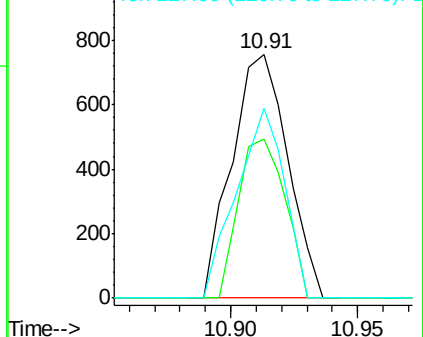


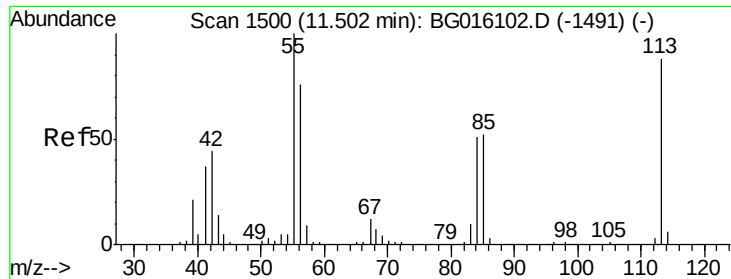
#34
Hexachlorobutadiene
Concen: 0.72 ng
RT: 10.91 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:	225	Resp:	1157
Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.5	74.3
227	77.9	50.4	75.6



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





#35

Caprolactam

Concen: 0.41 ng

RT: 11.49 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

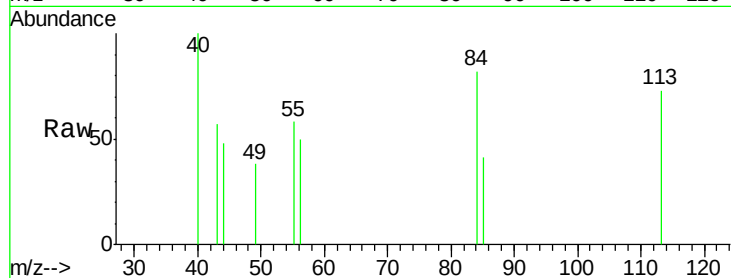
Tgt Ion:113 Resp: 611

Ion Ratio Lower Upper

113 100

55 79.2 93.9 133.9#

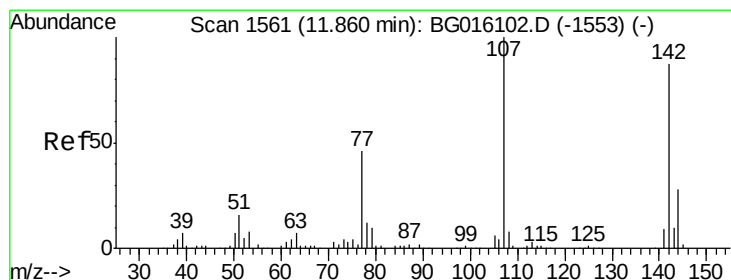
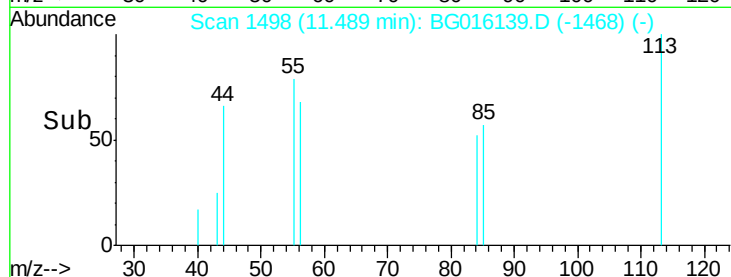
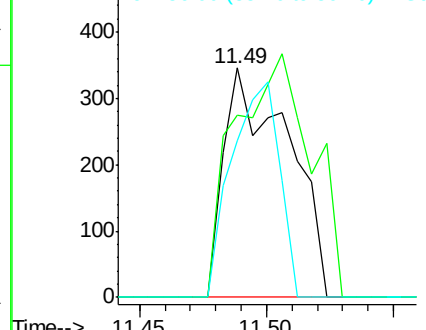
56 68.2 67.1 107.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 0.60 ng

RT: 11.85 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

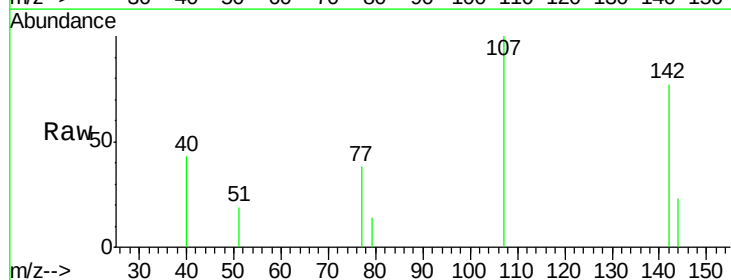
Tgt Ion:107 Resp: 1940

Ion Ratio Lower Upper

107 100

144 23.1 22.7 34.1

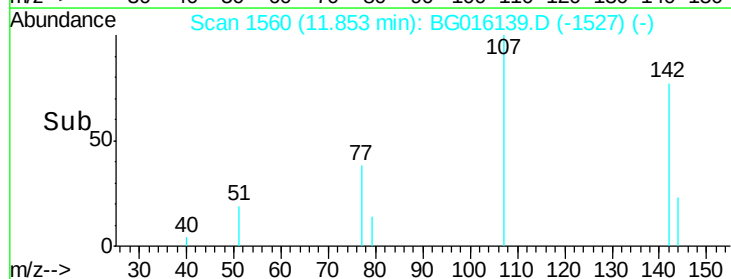
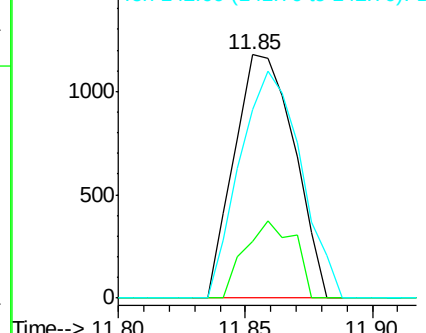
142 77.4 69.7 104.5

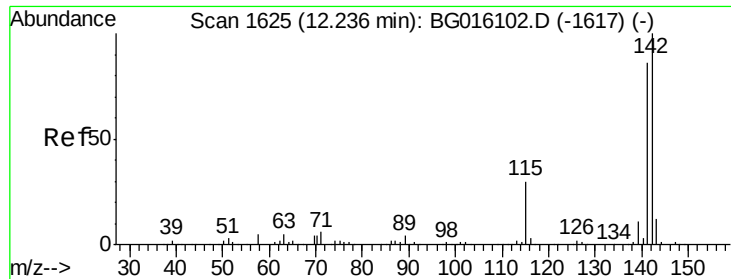


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

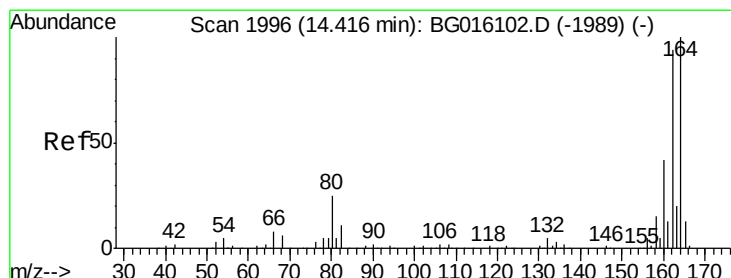
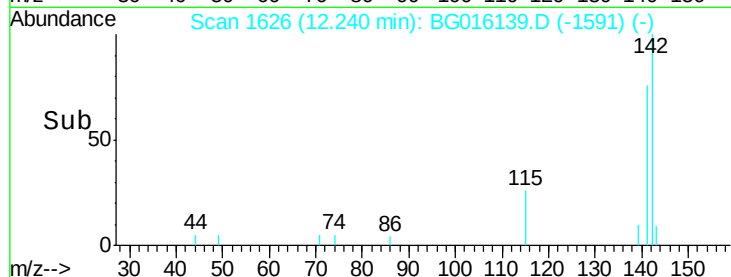
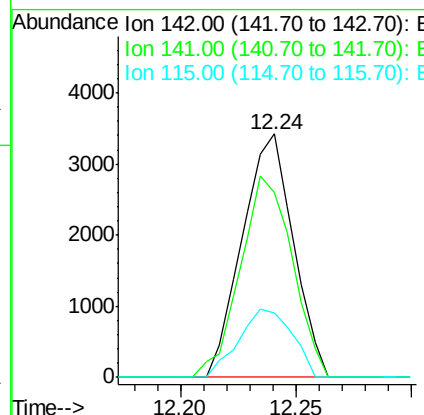
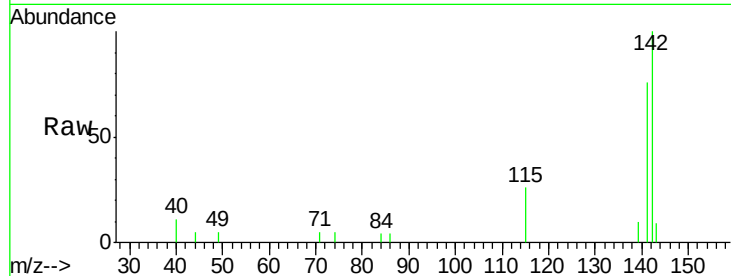




#37
2-Methylnaphthalene
Concen: 0.70 ng
RT: 12.24 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

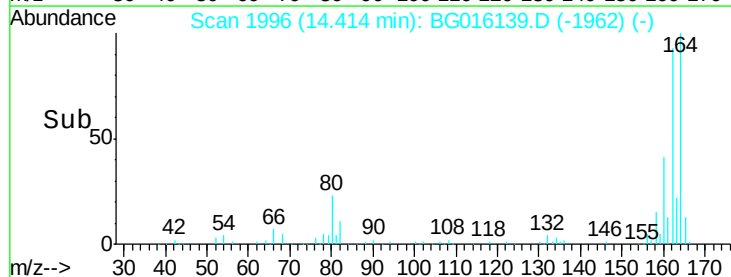
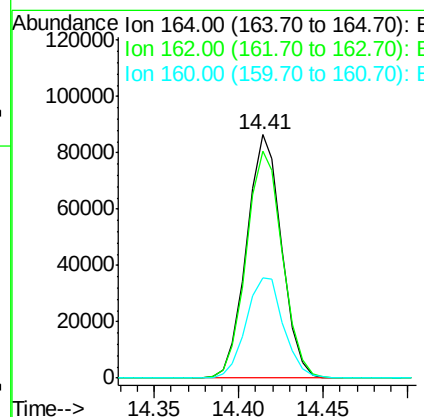
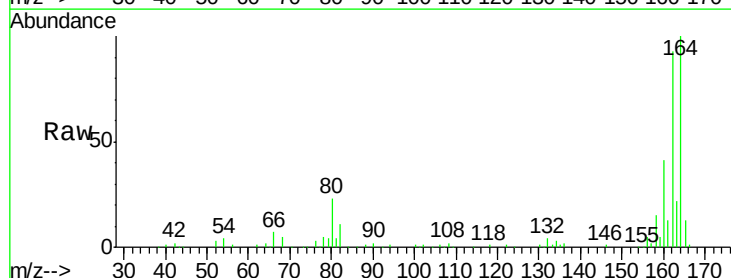
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

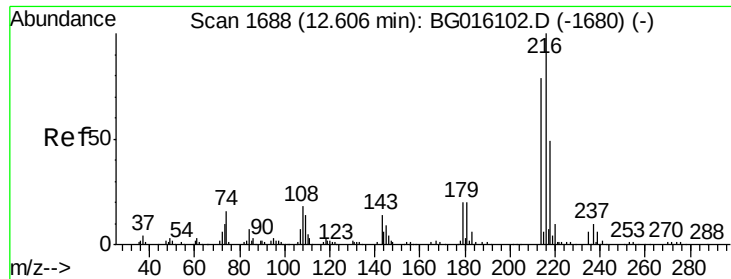
Tgt Ion:142 Resp: 5254
Ion Ratio Lower Upper
142 100
141 76.0 68.6 103.0
115 26.3 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:164 Resp: 124227
Ion Ratio Lower Upper
164 100
162 93.0 75.2 112.8
160 41.4 33.9 50.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.69 ng

RT: 12.60 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

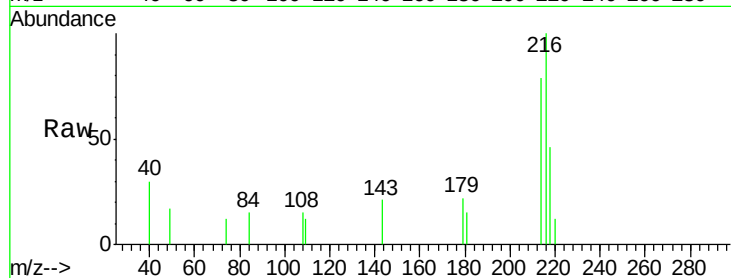
Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	216	Resp:	2164
Ion	Ratio	Lower	Upper
216	100		
214	86.2	63.0	94.6
179	23.5	15.4	23.2#
108	14.8	15.8	23.6#

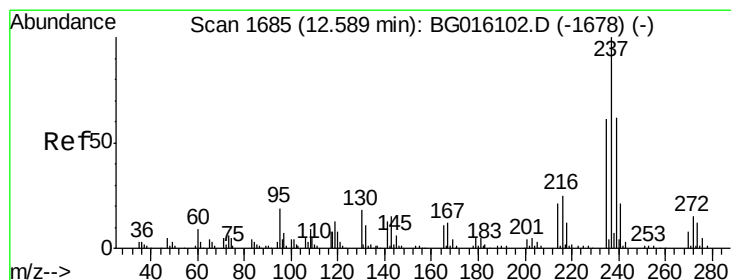
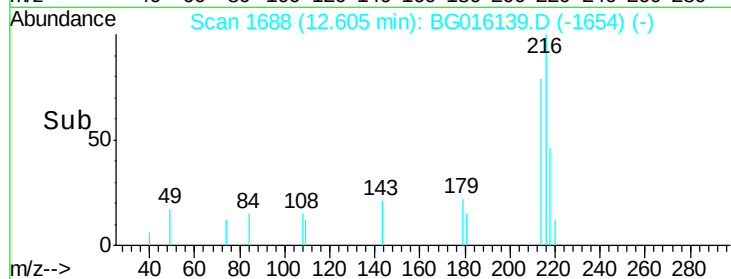
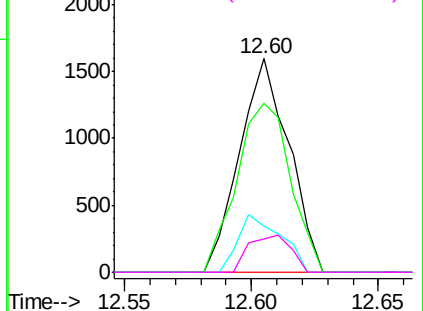


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 0.49 ng

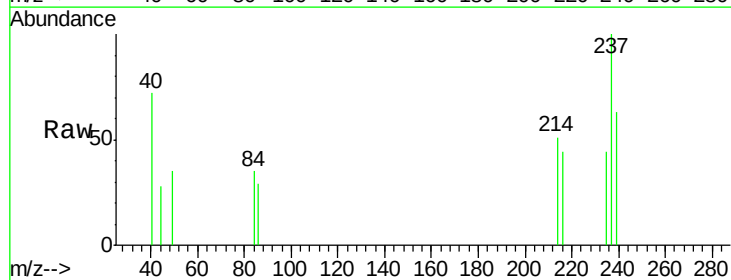
RT: 12.59 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

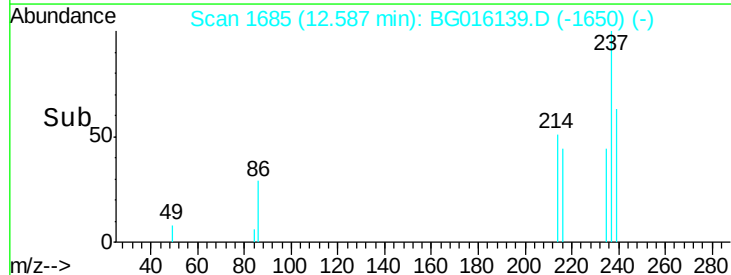
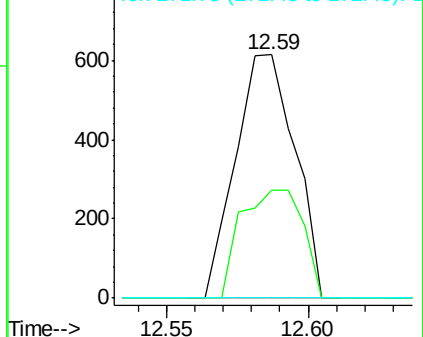
Tgt Ion:	237	Resp:	893
Ion	Ratio	Lower	Upper
237	100		
235	44.5	41.5	81.5
272	0.0	0.0	35.3

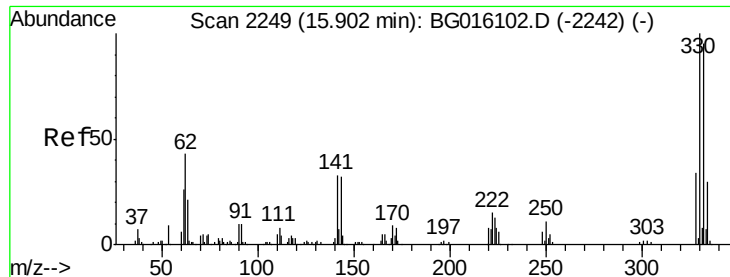


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 125.98 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

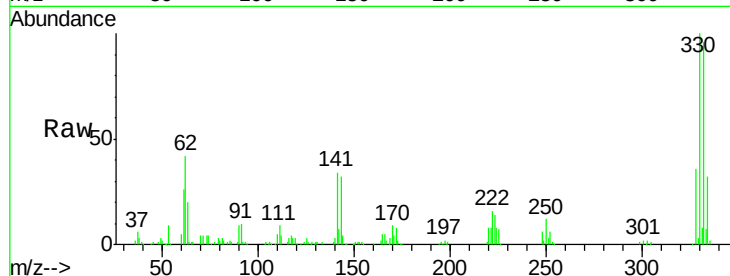
Tgt Ion:330 Resp: 179713

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

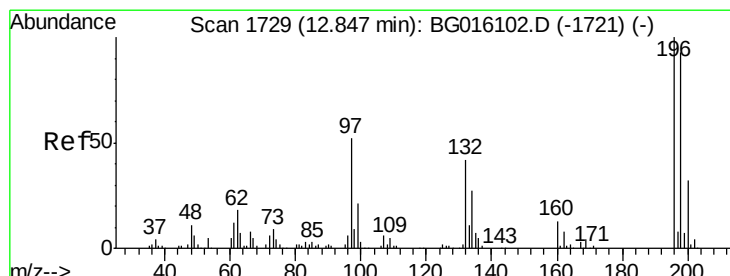
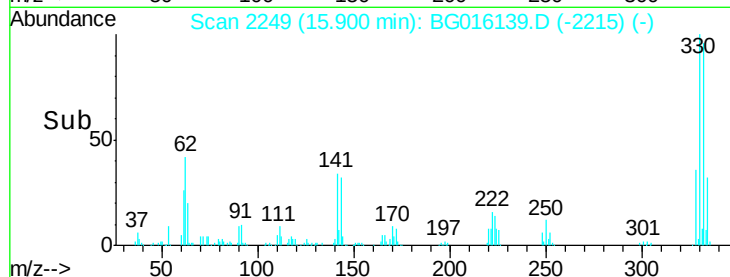
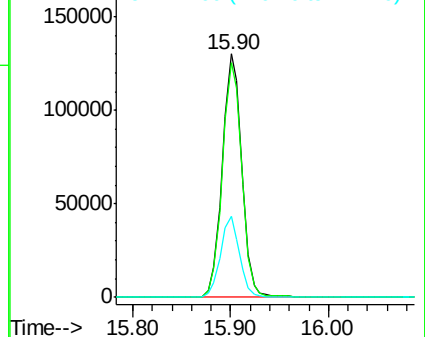
141 32.7 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 0.62 ng

RT: 12.85 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

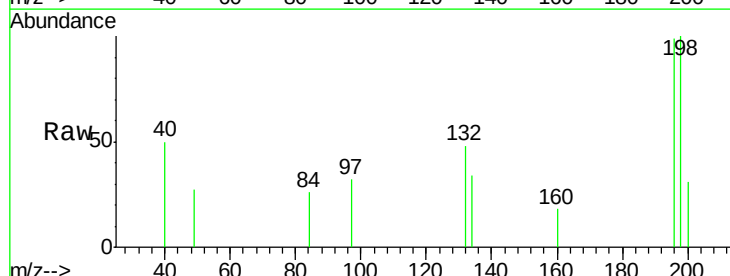
Tgt Ion:196 Resp: 1378

Ion Ratio Lower Upper

196 100

198 101.1 74.0 111.0

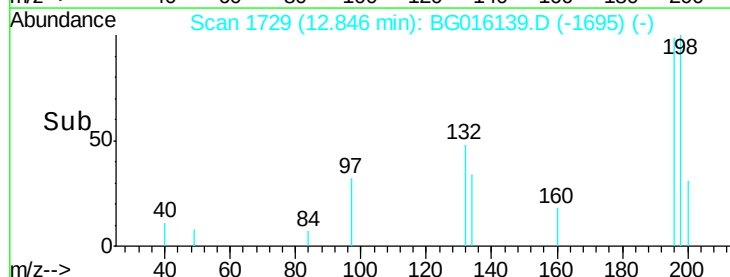
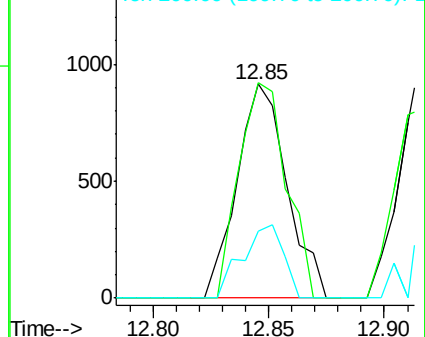
200 31.3 25.7 38.5

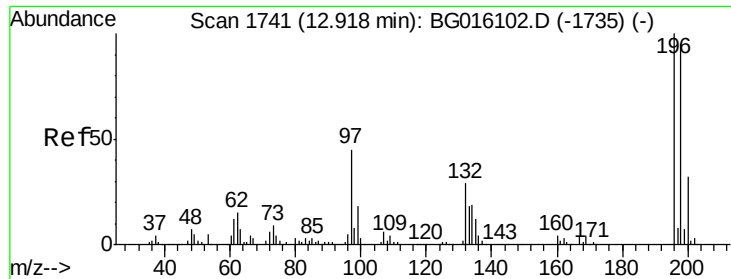


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

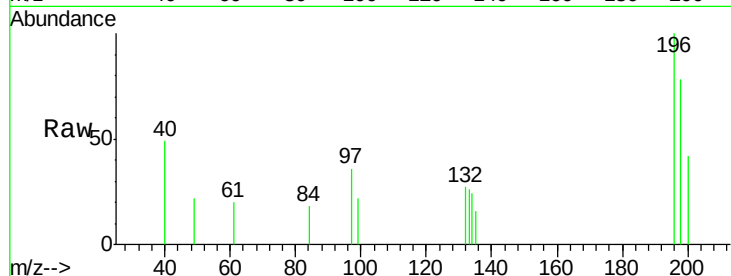




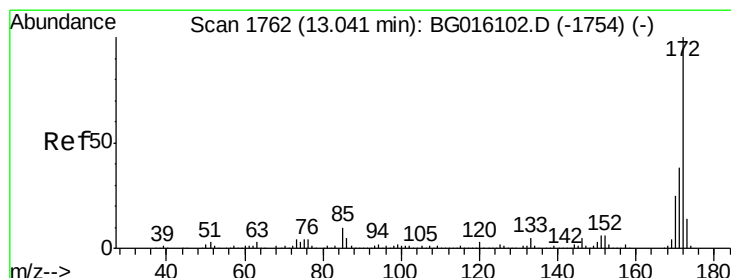
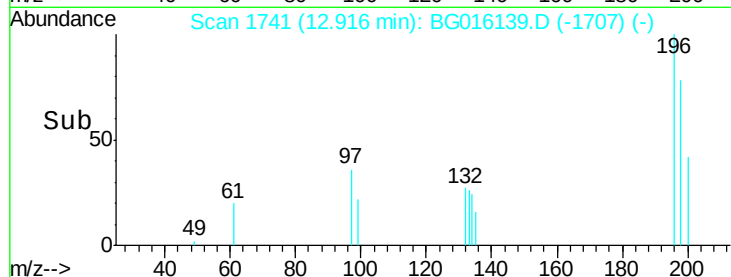
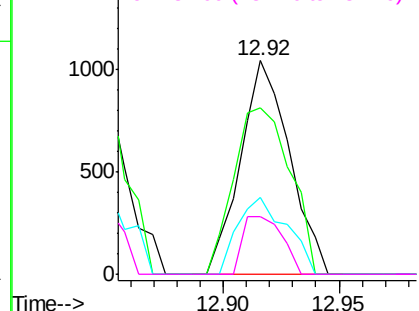
#43
 2,4,5-Trichlorophenol
 Concen: 0.63 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:196 Resp: 1543
 Ion Ratio Lower Upper
 196 100
 198 77.9 76.2 114.4
 97 35.9 36.2 54.4#
 132 27.2 23.6 35.4

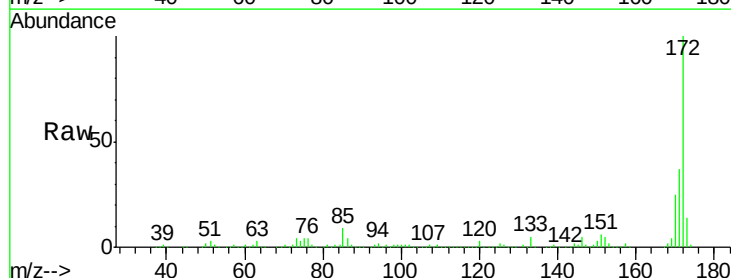


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

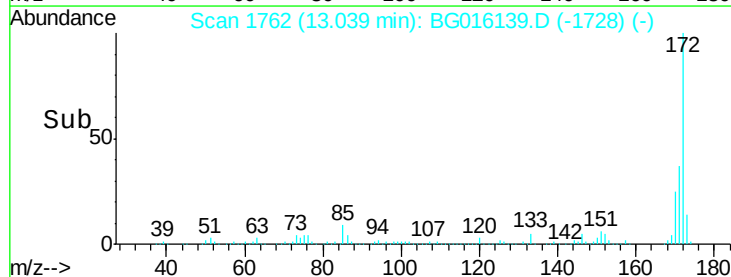
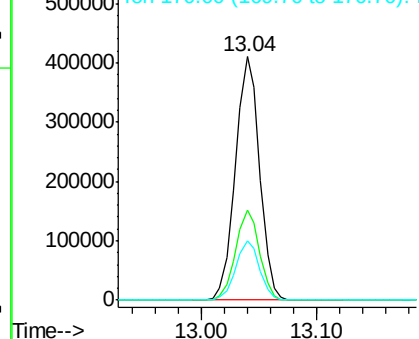


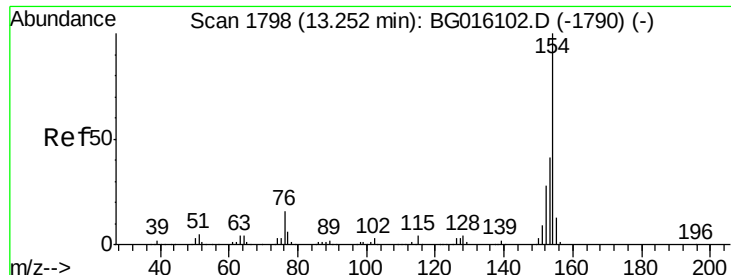
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:172 Resp: 591625
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.3 45.5
 170 24.5 19.8 29.8



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

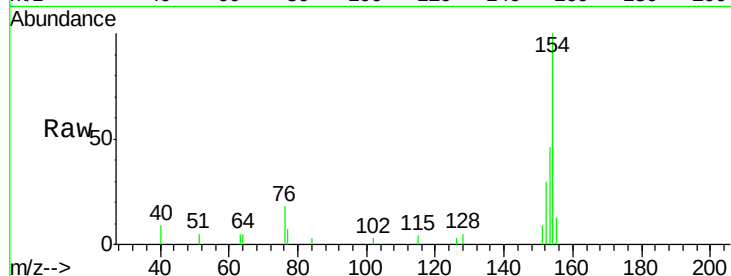




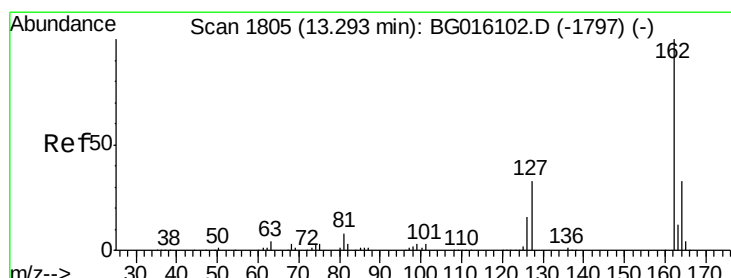
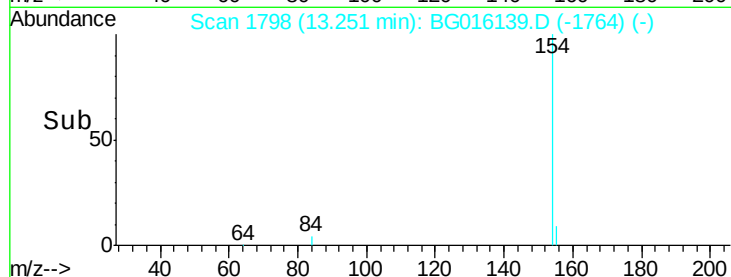
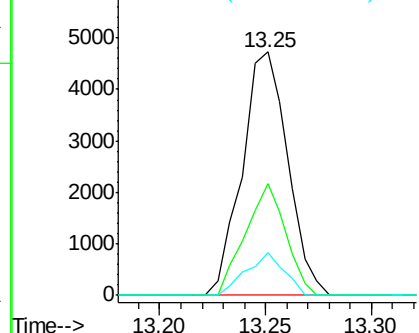
#45
 1,1'-Biphenyl
 Concen: 0.78 ng
 RT: 13.25 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:	154	Resp:	7083
Ion	Ratio	Lower	Upper
154	100		
153	46.1	21.4	61.4
76	17.7	0.0	35.5

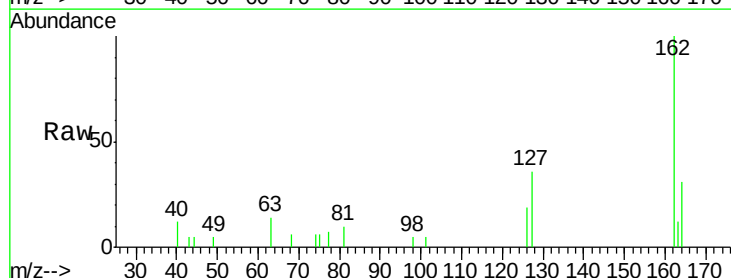


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

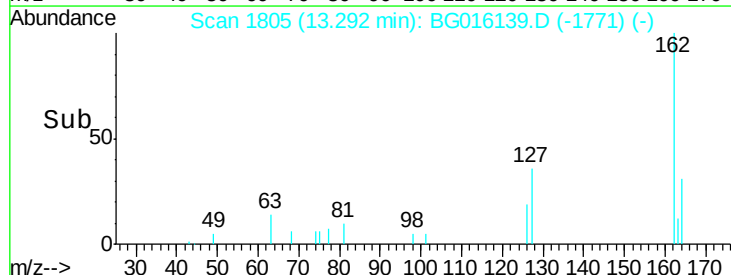
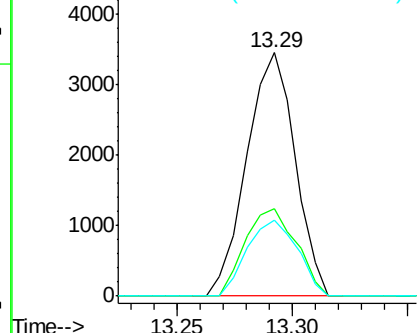


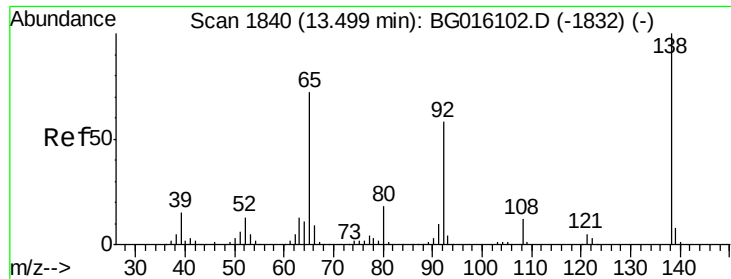
#46
 2-Chloronaphthalene
 Concen: 0.71 ng
 RT: 13.29 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:	162	Resp:	5030
Ion	Ratio	Lower	Upper
162	100		
127	35.9	29.4	44.2
164	31.1	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

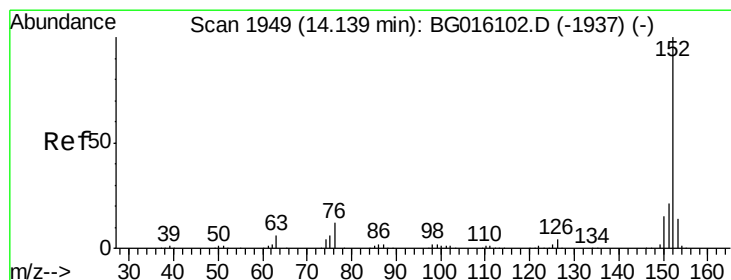
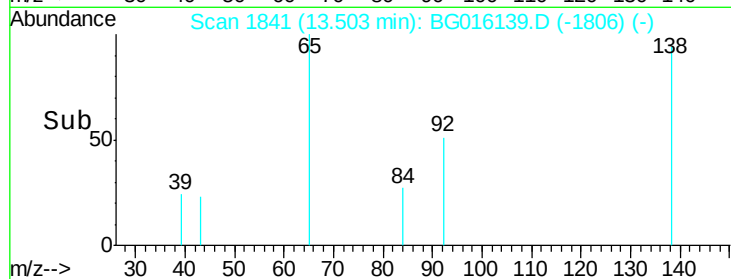
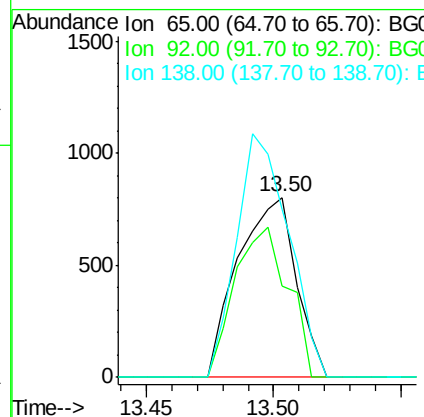
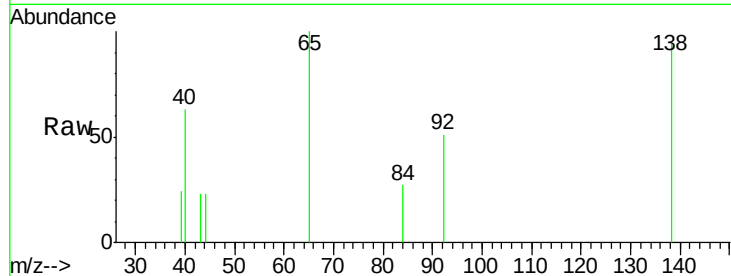




#47
 2-Nitroaniline
 Concen: 0.63 ng
 RT: 13.50 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

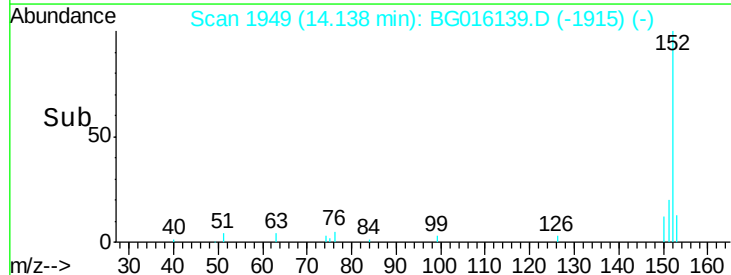
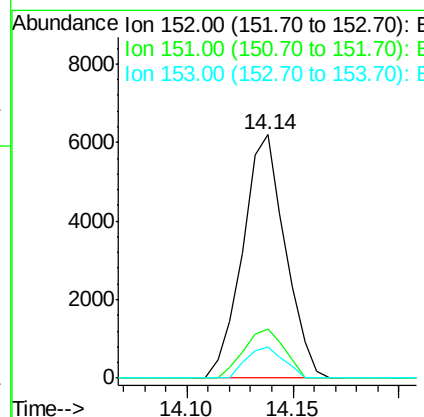
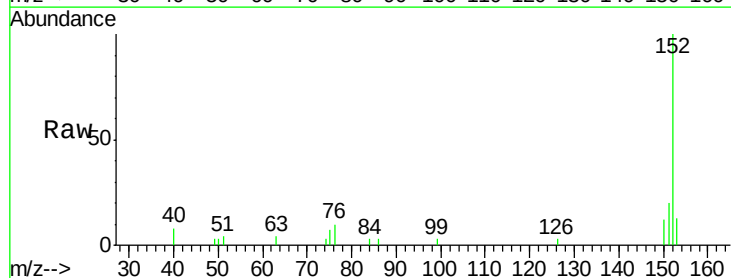
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

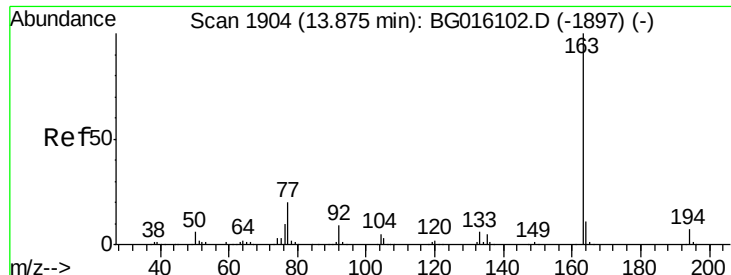
Tgt Ion: 65 Resp: 1285
 Ion Ratio Lower Upper
 65 100
 92 50.9 64.2 96.4#
 138 93.5 110.4 165.6#



#48
 Acenaphthylene
 Concen: 0.67 ng
 RT: 14.14 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion: 152 Resp: 8677
 Ion Ratio Lower Upper
 152 100
 151 20.4 17.0 25.4
 153 13.0 11.0 16.4

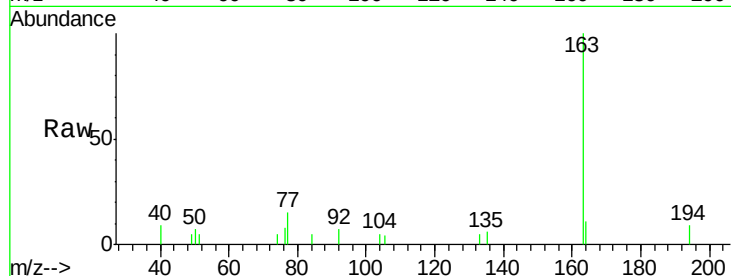




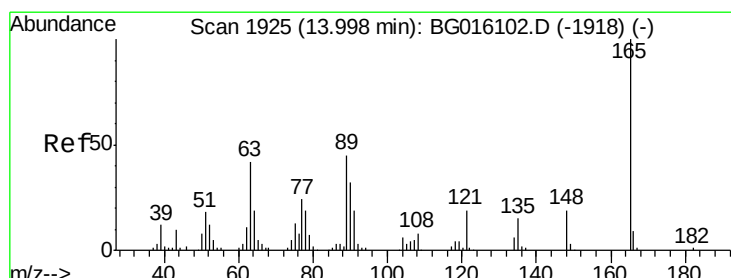
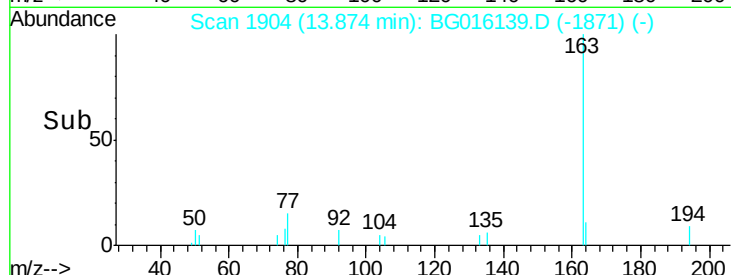
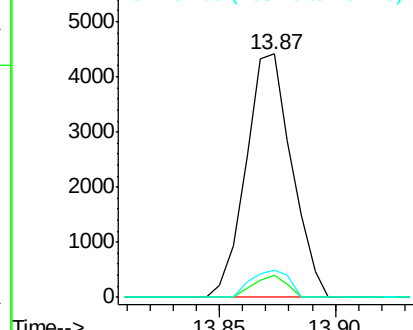
#49
Dimethylphthalate
Concen: 0.70 ng
RT: 13.87 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:163 Resp: 6091
Ion Ratio Lower Upper
163 100
194 9.2 5.4 8.0#
164 11.4 8.6 13.0

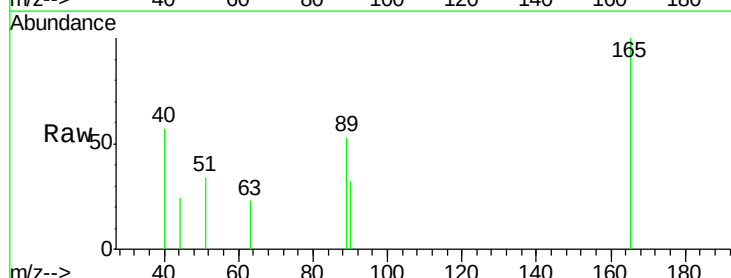


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

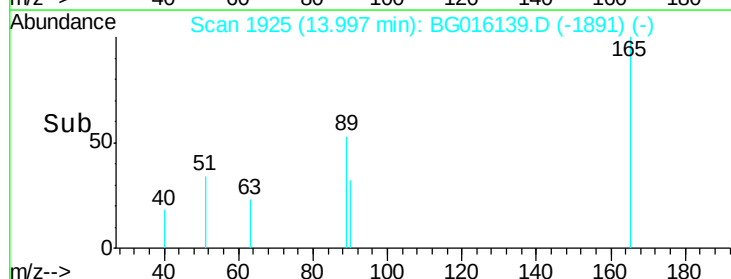
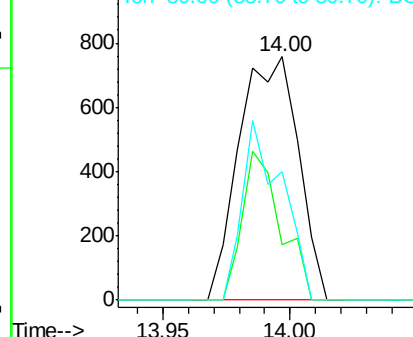


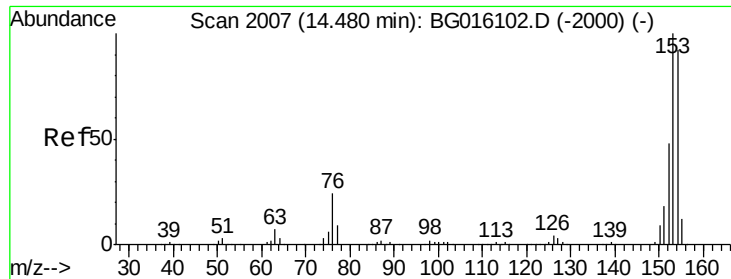
#50
2,6-Dinitrotoluene
Concen: 0.60 ng
RT: 14.00 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:165 Resp: 1231
Ion Ratio Lower Upper
165 100
63 22.8 33.8 50.6#
89 52.6 35.8 53.8



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: 0.68 ng

RT: 14.48 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

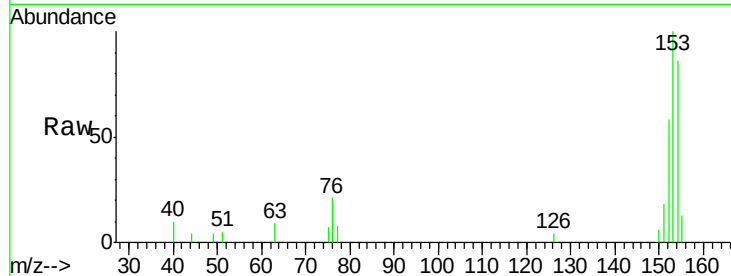
Tgt Ion:154 Resp: 5306

Ion Ratio Lower Upper

154 100

153 116.6 87.2 130.8

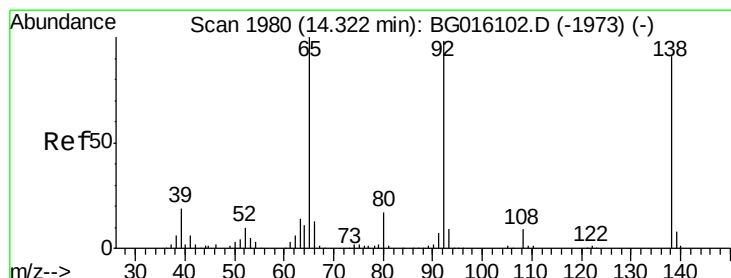
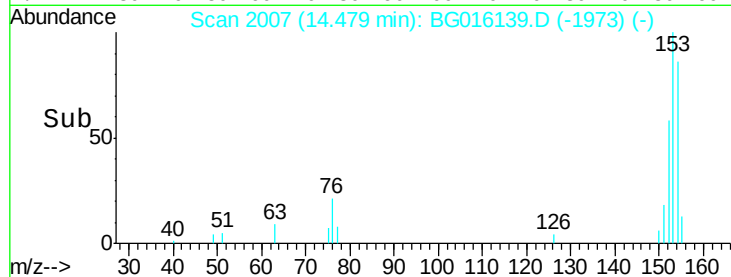
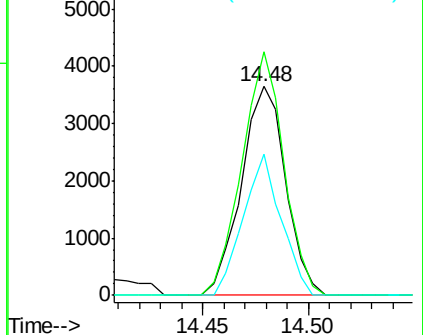
152 67.7 41.8 62.6#



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: 0.54 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

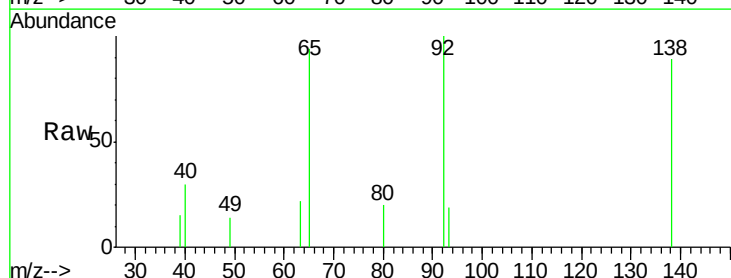
Tgt Ion:138 Resp: 1354

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.6#

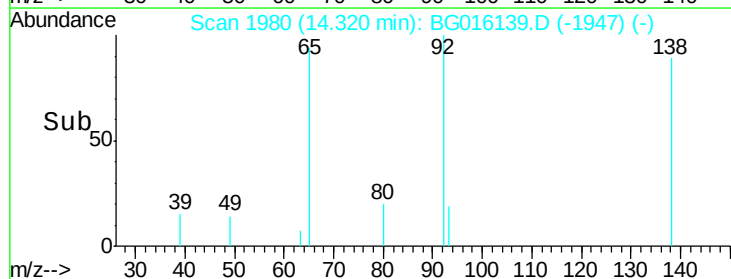
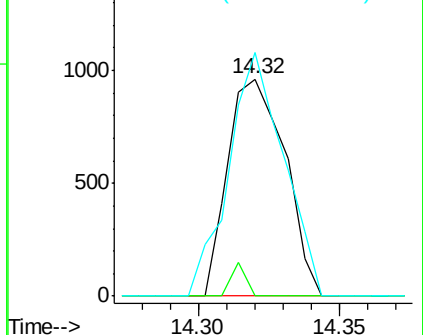
92 112.3 85.8 128.8

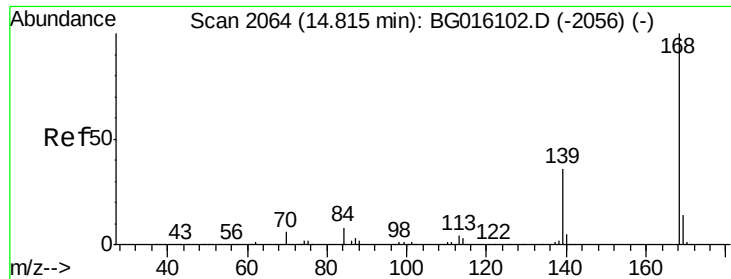


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54

Dibenzofuran

Concen: 0.79 ng

RT: 14.81 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

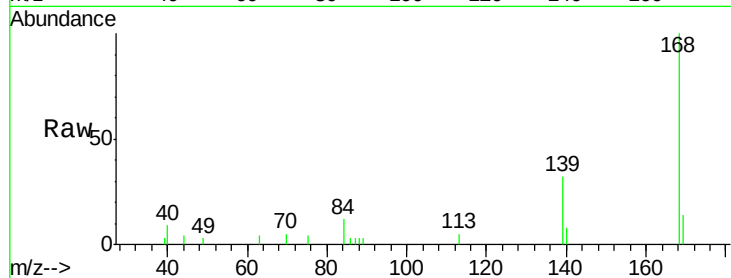
Tgt Ion:168 Resp: 8650

Ion Ratio Lower Upper

168 100

139 31.6 29.0 43.4

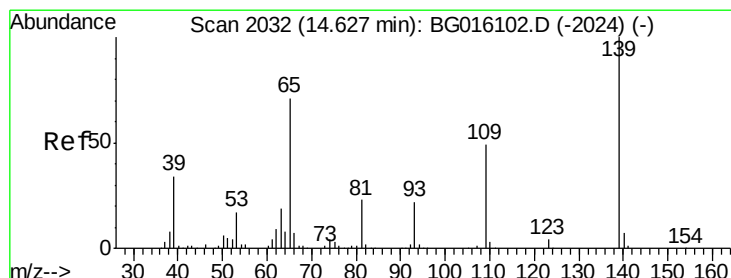
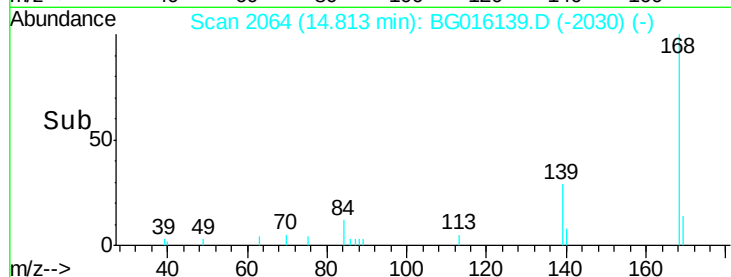
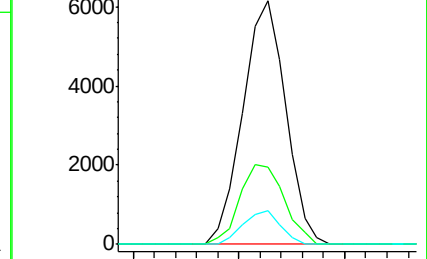
169 13.9 11.1 16.7



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: 0.39 ng

RT: 14.63 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

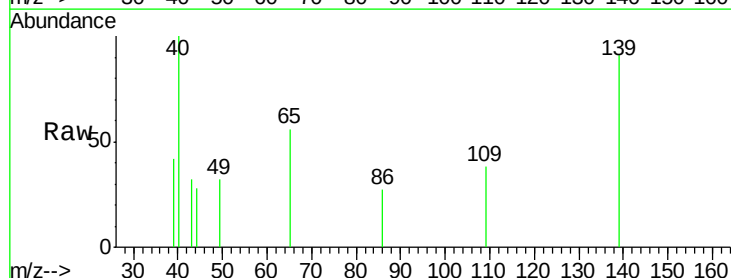
Tgt Ion:139 Resp: 803

Ion Ratio Lower Upper

139 100

109 42.0 28.7 68.7

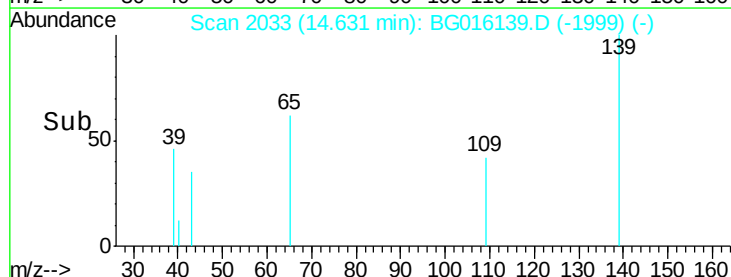
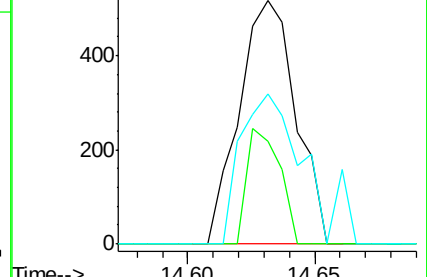
65 61.9 50.7 90.7

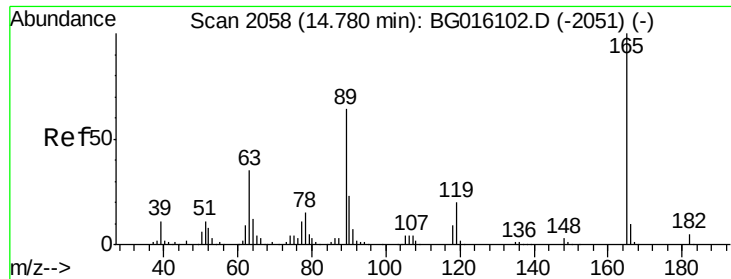


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

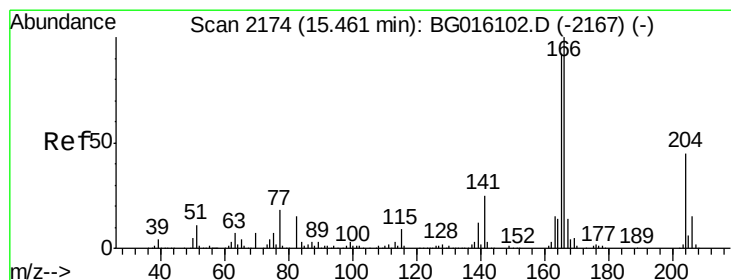
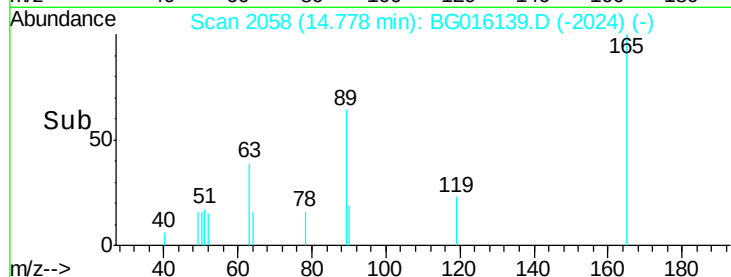
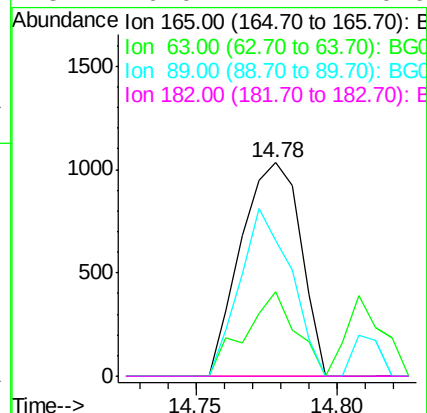
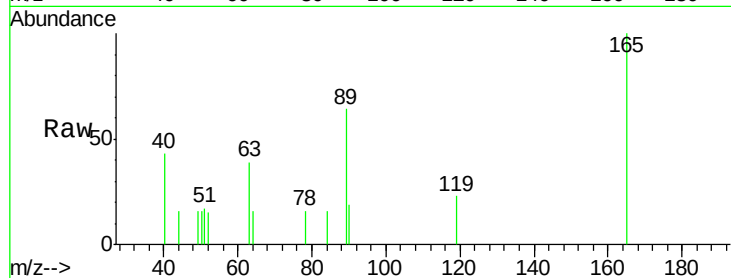




#56
2,4-Dinitrotoluene
Concen: 0.53 ng
RT: 14.78 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

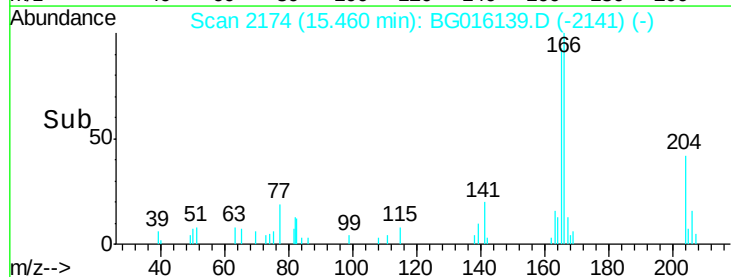
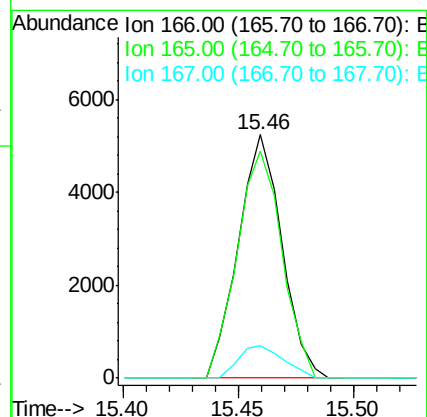
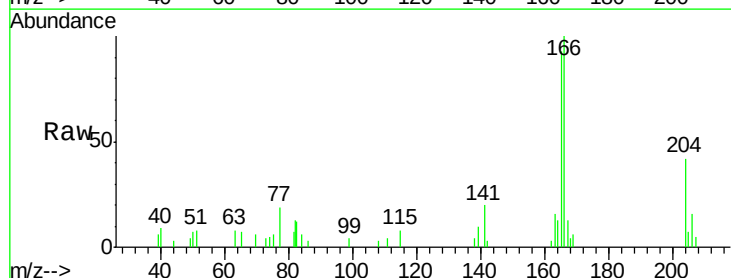
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

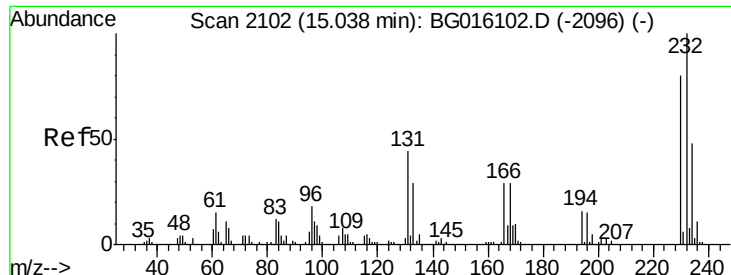
Tgt Ion:165 Resp: 1513
Ion Ratio Lower Upper
165 100
63 39.4 27.8 41.6
89 63.7 51.2 76.8
182 0.0 4.4 6.6#



#57
Fluorene
Concen: 0.71 ng
RT: 15.46 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:166 Resp: 6907
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.3 11.3 16.9

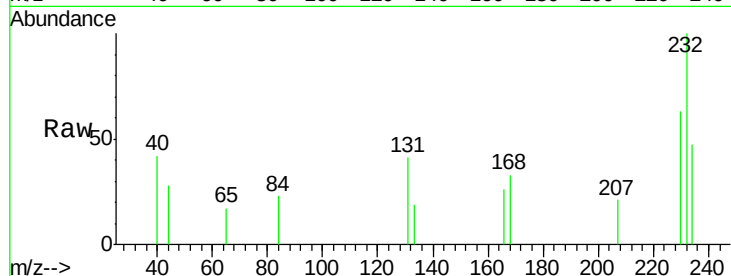




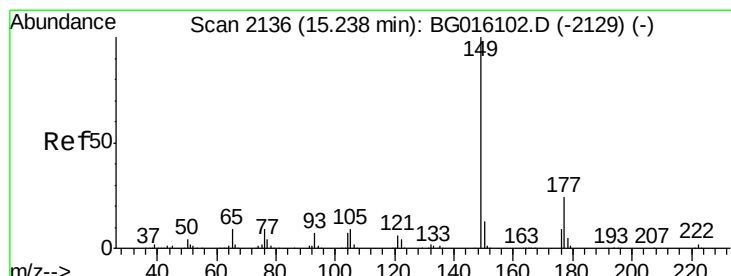
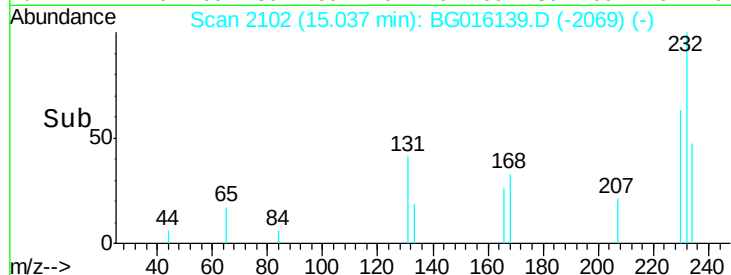
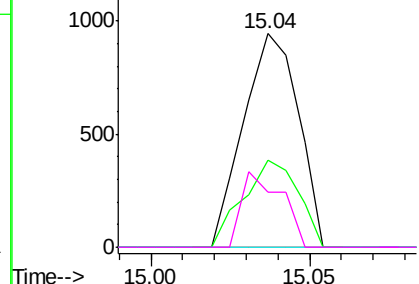
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.52 ng
 RT: 15.04 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:	232	Resp:	1132
Ion	Ratio	Lower	Upper
232	100		
131	40.9	36.0	54.0
130	0.0	1.9	2.9#
166	25.5	24.1	36.1

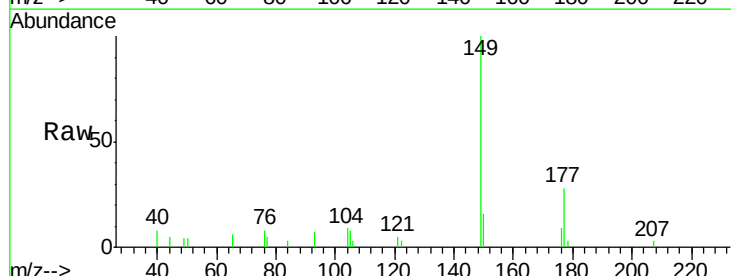


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

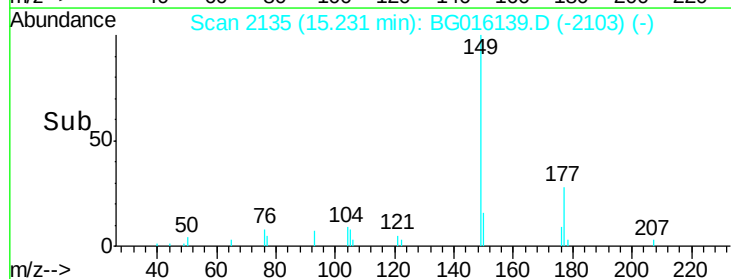
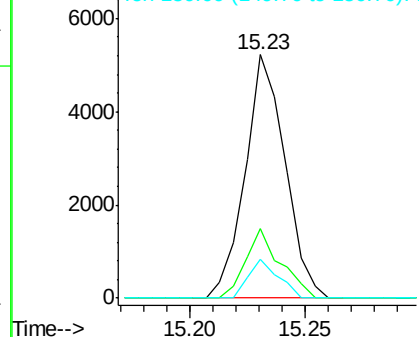


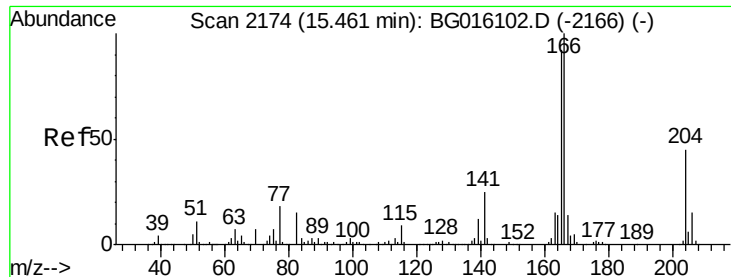
#59
 Diethylphthalate
 Concen: 0.70 ng
 RT: 15.23 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:	149	Resp:	6296
Ion	Ratio	Lower	Upper
149	100		
177	28.4	19.5	29.3
150	16.0	10.1	15.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

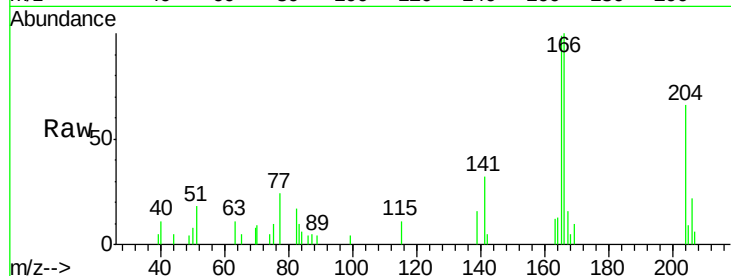




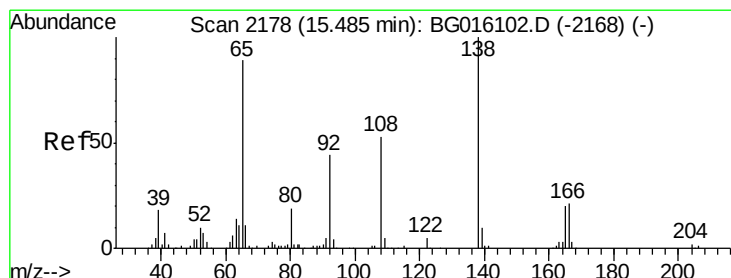
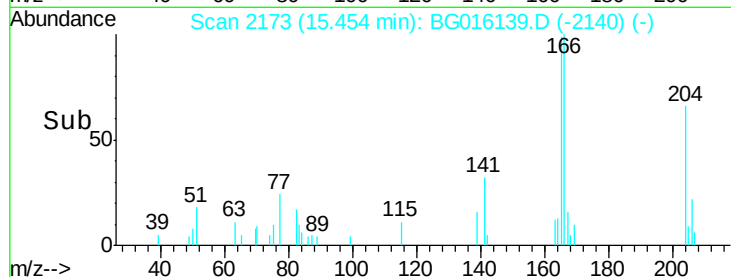
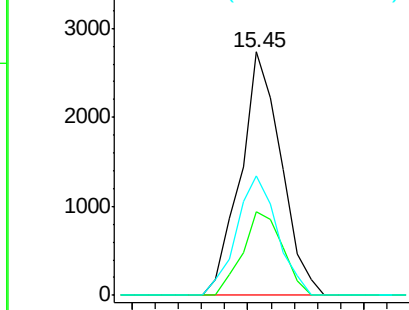
#60
4-Chlorophenyl-phenylether
Concen: 0.78 ng
RT: 15.45 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:204 Resp: 3349
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 48.9 45.0 67.6

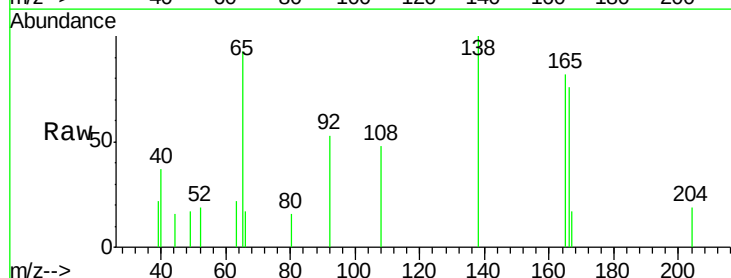


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

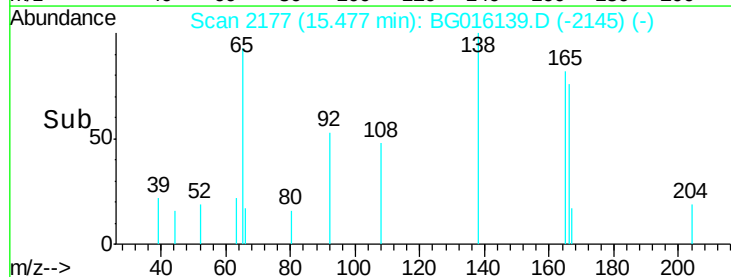
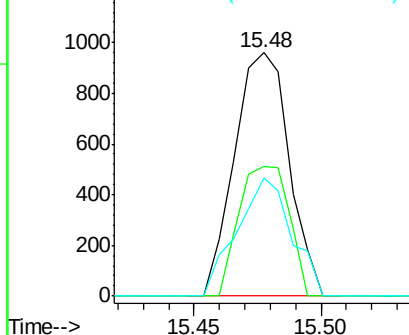


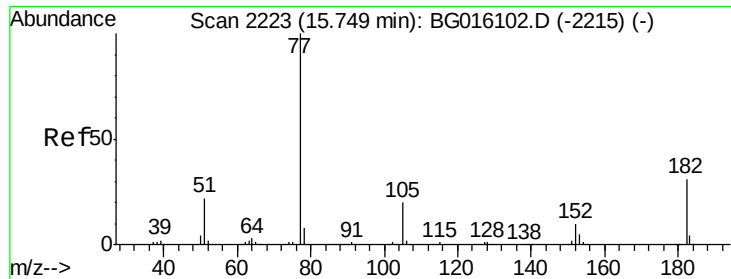
#61
4-Nitroaniline
Concen: 0.50 ng
RT: 15.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:138 Resp: 1438
Ion Ratio Lower Upper
138 100
92 53.3 24.2 64.2
108 48.3 32.7 72.7



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





#62

Azobenzene

Concen: 0.66 ng

RT: 15.75 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 77 Resp: 6056

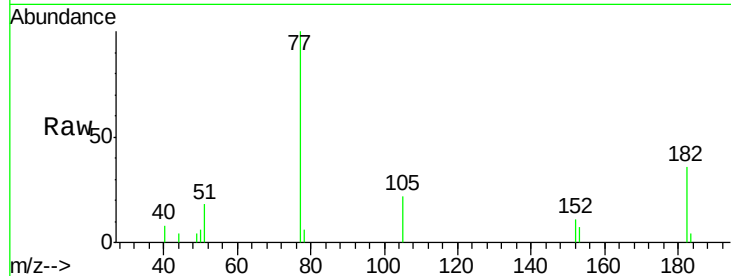
Ion Ratio Lower Upper

77 100

182 36.5 10.9 50.9

105 22.0 0.0 40.0

51 18.5 1.9 41.9

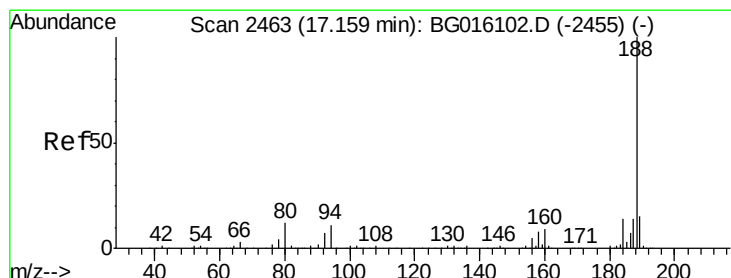
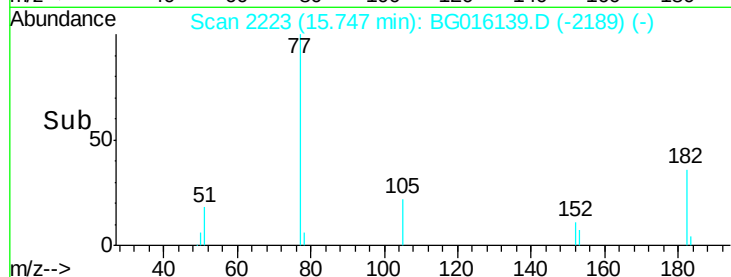
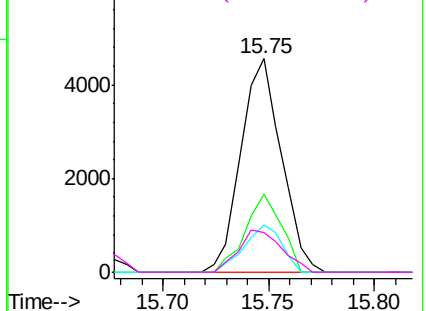


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.15 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

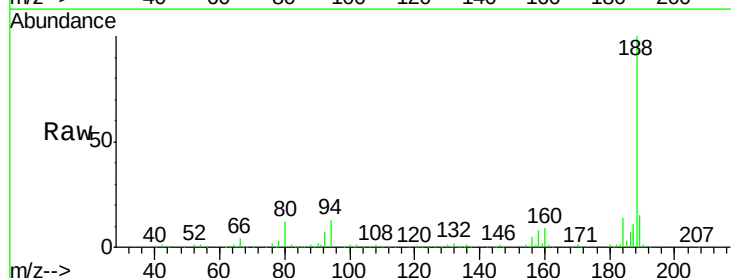
Tgt Ion: 188 Resp: 288112

Ion Ratio Lower Upper

188 100

94 12.6 9.1 13.7

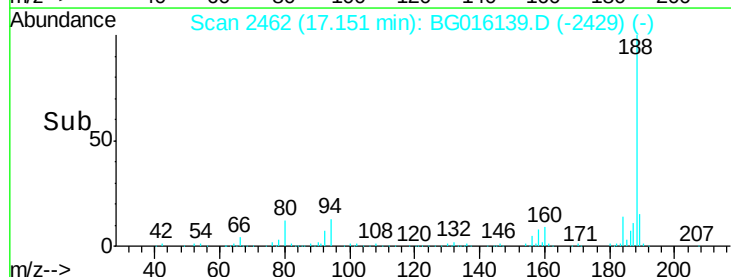
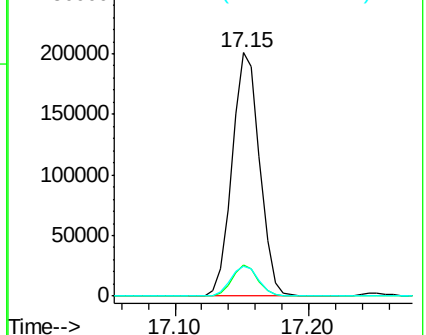
80 12.3 9.8 14.8

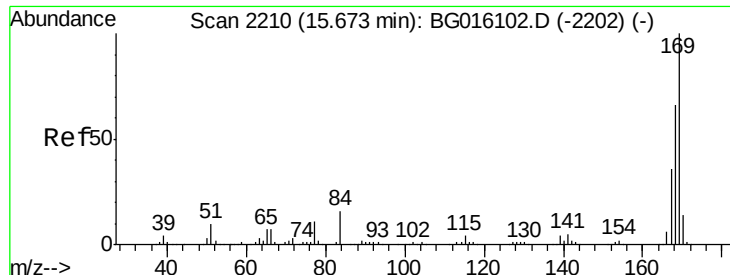


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

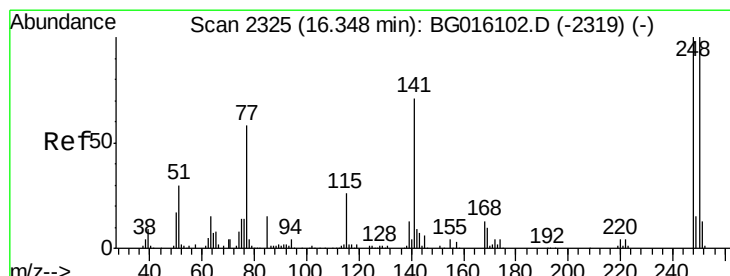
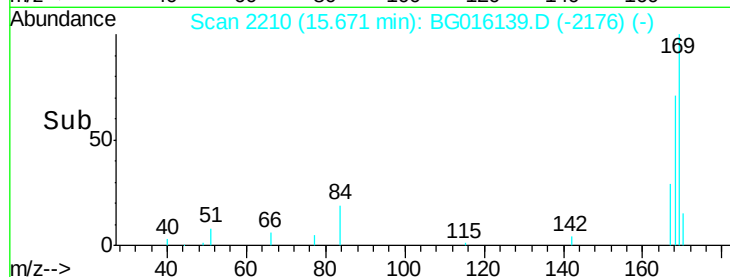
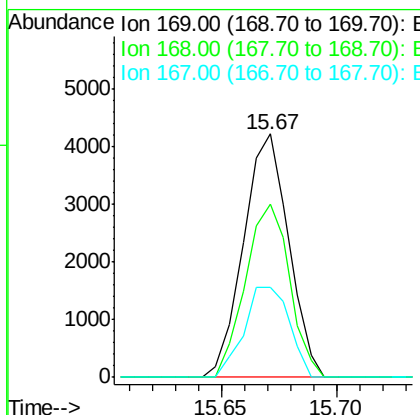
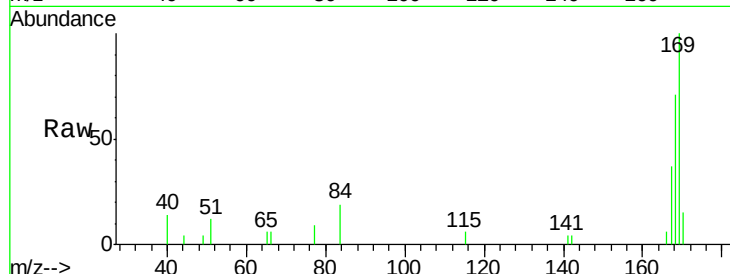




#65
 n-Nitrosodiphenylamine
 Concen: 0.63 ng
 RT: 15.67 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

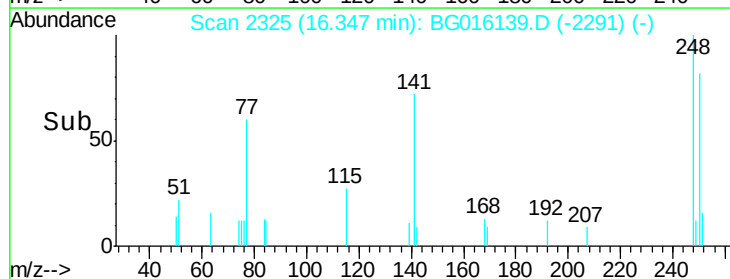
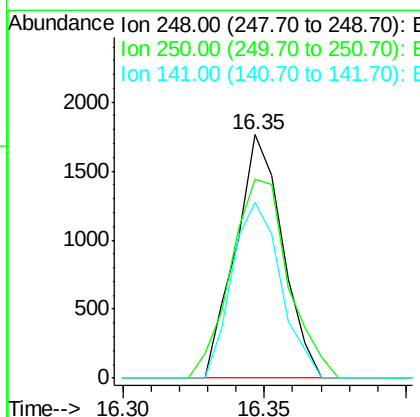
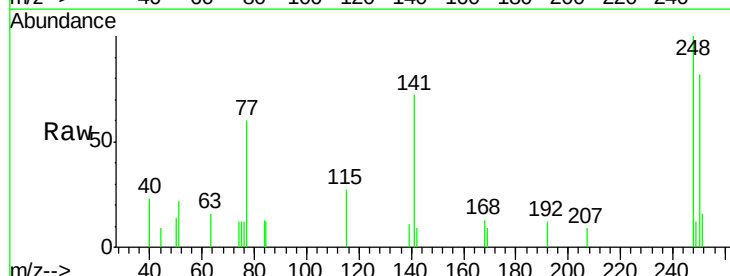
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

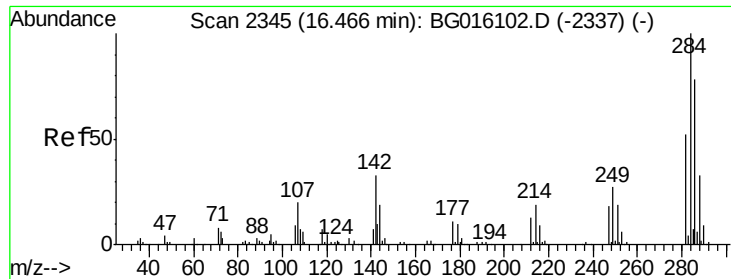
Tgt Ion:169 Resp: 5752
 Ion Ratio Lower Upper
 169 100
 168 71.1 53.0 79.4
 167 36.8 29.0 43.4



#66
 4-Bromophenyl-phenylether
 Concen: 0.68 ng
 RT: 16.35 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:248 Resp: 2023
 Ion Ratio Lower Upper
 248 100
 250 81.9 80.2 120.2
 141 72.1 57.0 85.4

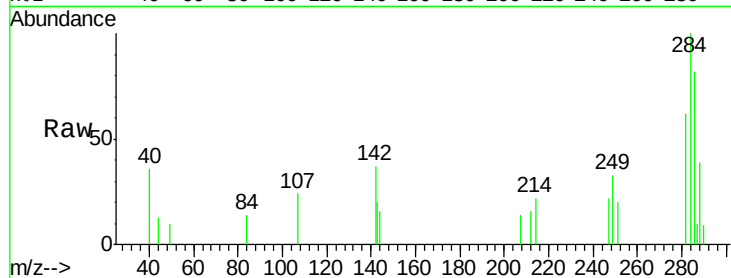




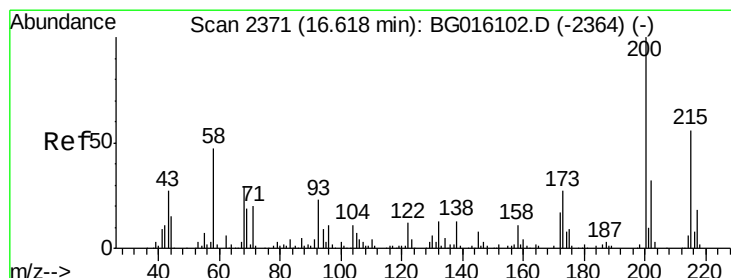
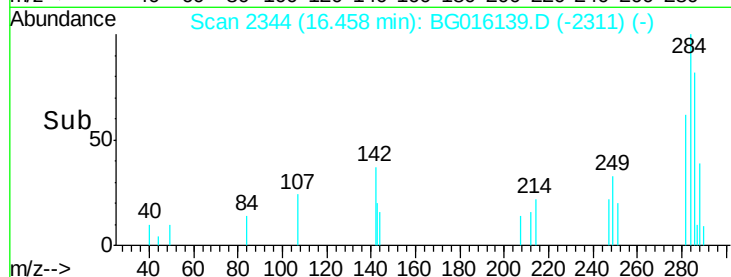
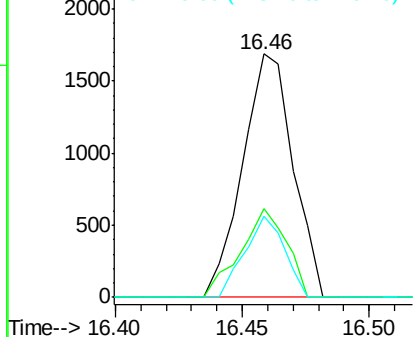
#67
Hexachlorobenzene
Concen: 0.70 ng
RT: 16.46 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:284 Resp: 2337
Ion Ratio Lower Upper
284 100
142 36.6 26.7 40.1
249 33.0 21.8 32.8#

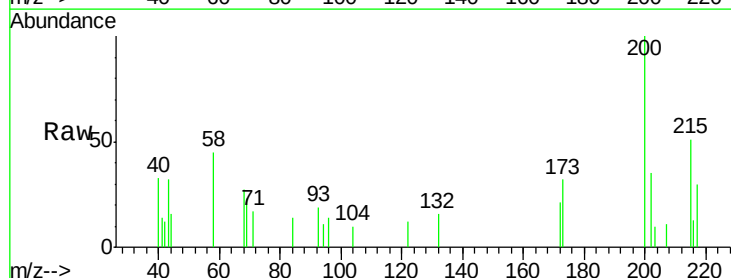


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

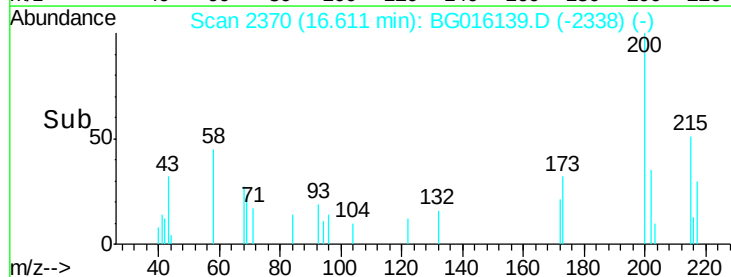
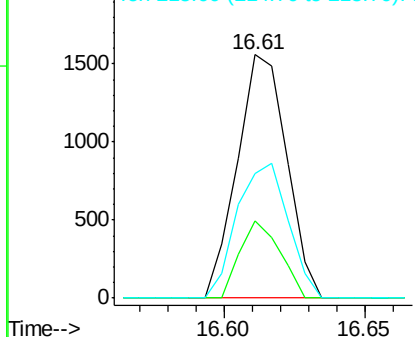


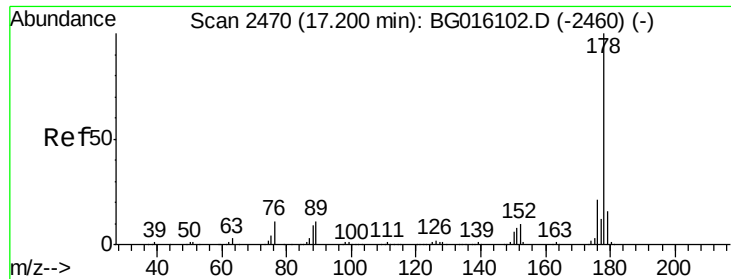
#68
Atrazine
Concen: 0.69 ng
RT: 16.61 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:200 Resp: 1894
Ion Ratio Lower Upper
200 100
173 31.6 7.5 47.5
215 50.9 36.4 76.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 0.73 ng

RT: 17.19 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

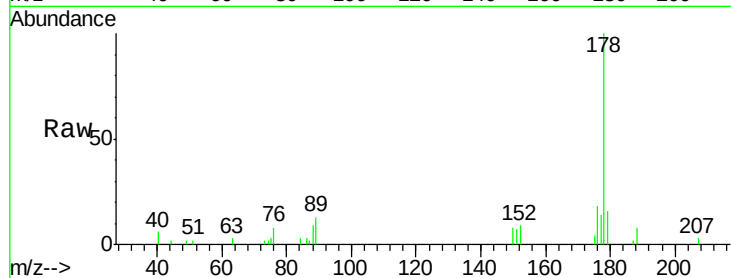
Tgt Ion:178 Resp: 11783

Ion Ratio Lower Upper

178 100

176 18.3 16.5 24.7

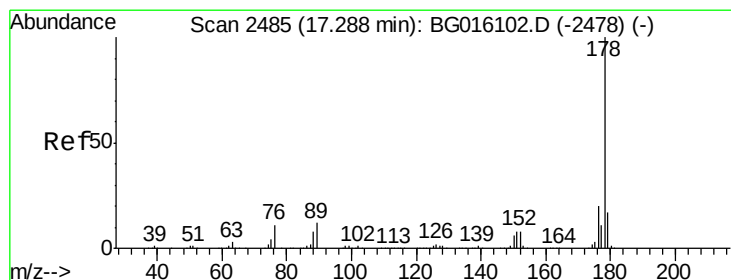
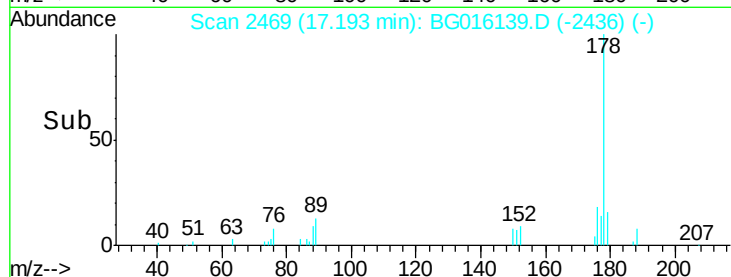
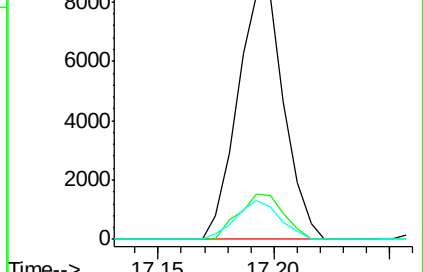
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.72 ng m

RT: 17.29 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

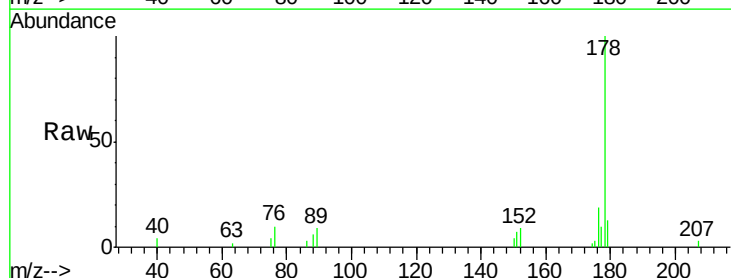
Tgt Ion:178 Resp: 11582

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

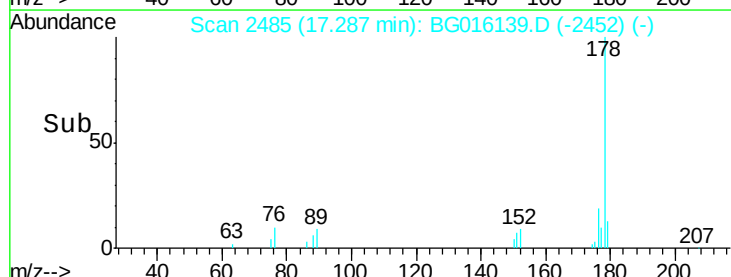
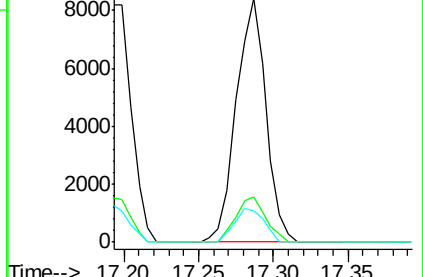
179 12.7 13.3 19.9#

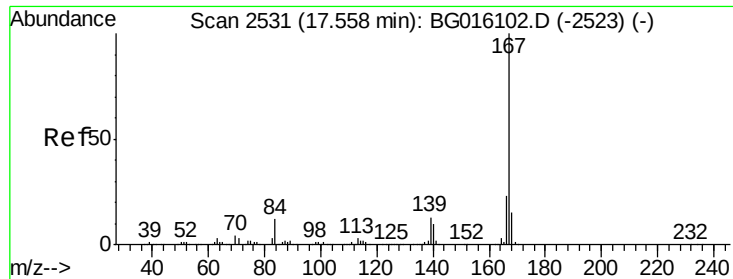


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.65 ng

RT: 17.56 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

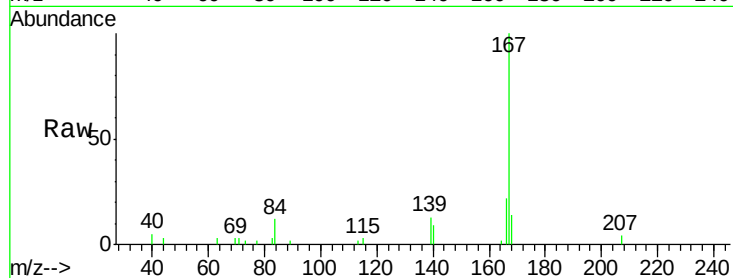
Tgt Ion:167 Resp: 10292

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

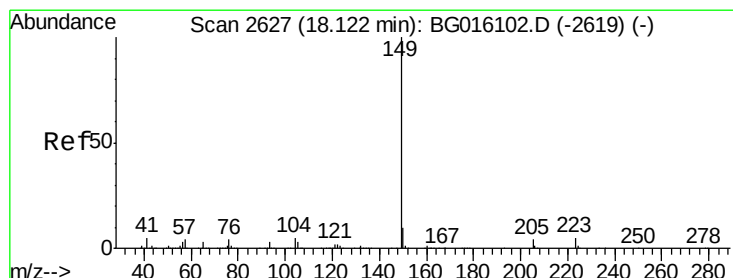
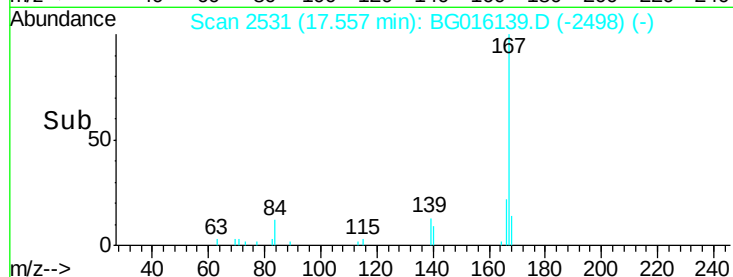
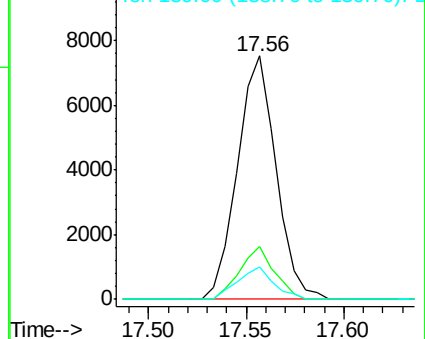
139 13.2 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.60 ng

RT: 18.12 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

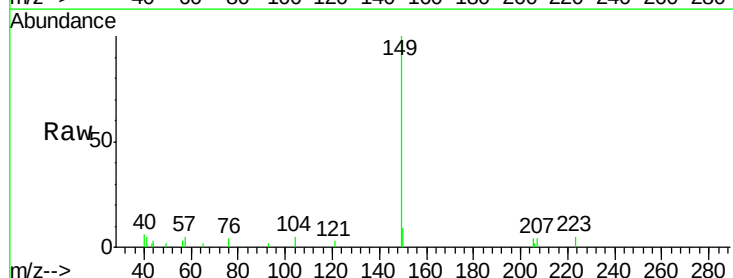
Tgt Ion:149 Resp: 10683

Ion Ratio Lower Upper

149 100

150 8.9 8.0 12.0

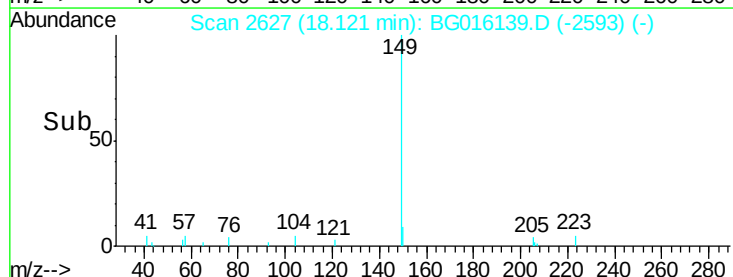
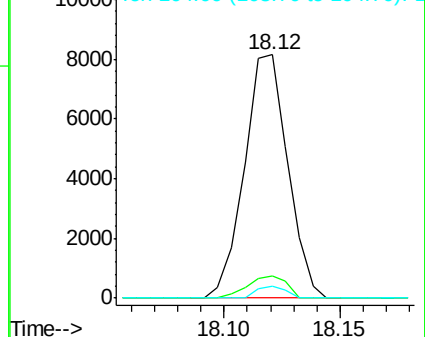
104 4.8 3.8 5.6

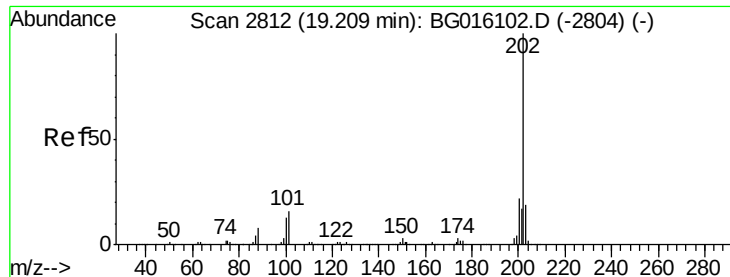


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

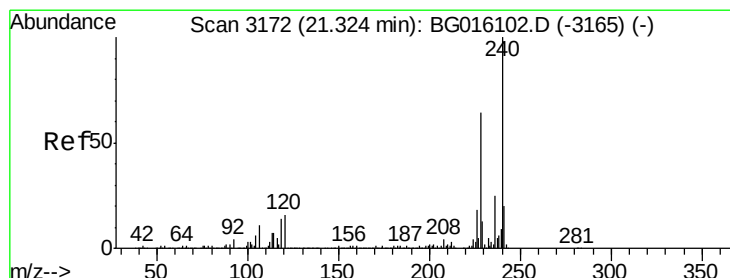
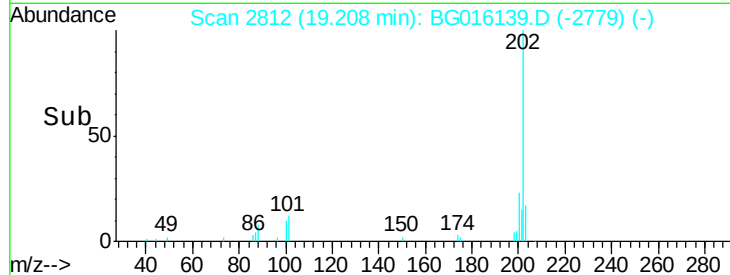
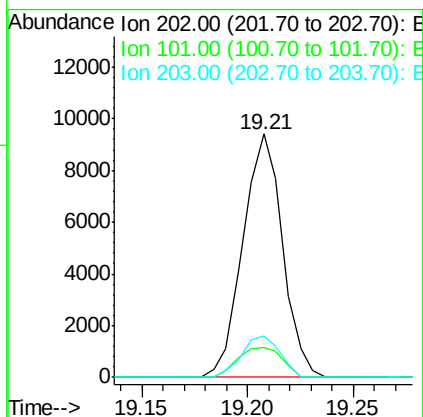
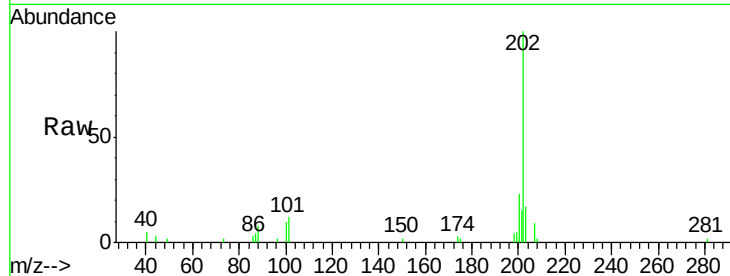




#74
Fluoranthene
Concen: 0.68 ng
RT: 19.21 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

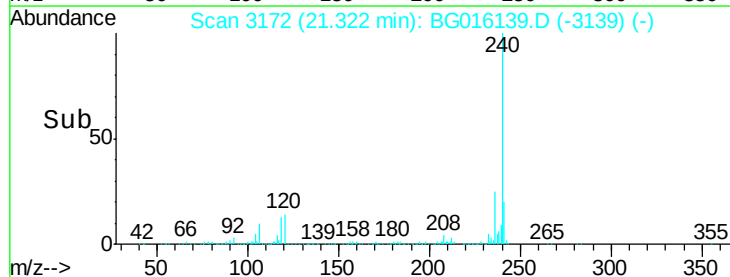
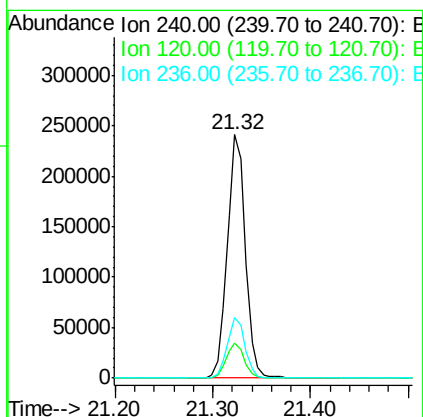
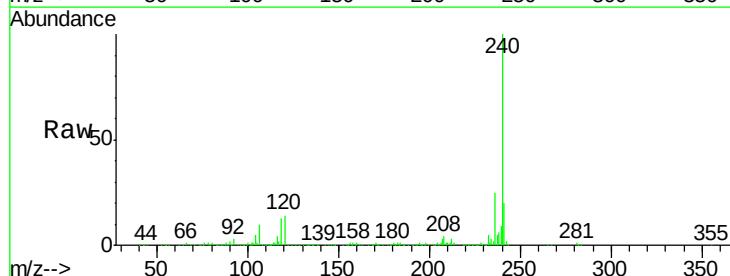
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

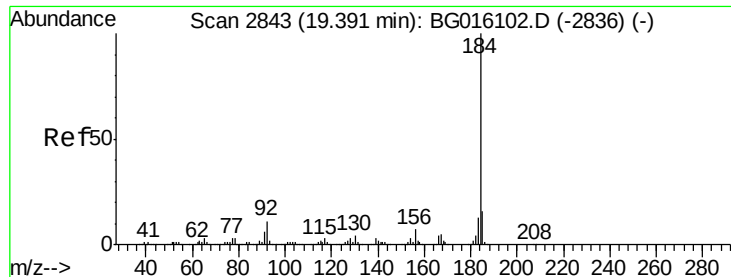
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	35.9
203	17.0	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.0	19.4
236	25.1	20.2	30.2





#76

Benzidine

Concen: 0.59 ng

RT: 19.40 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

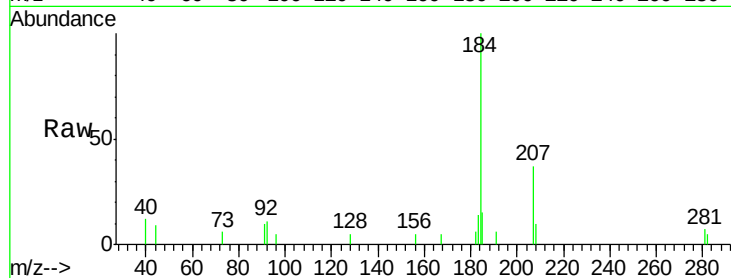
Tgt Ion:184 Resp: 4744

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

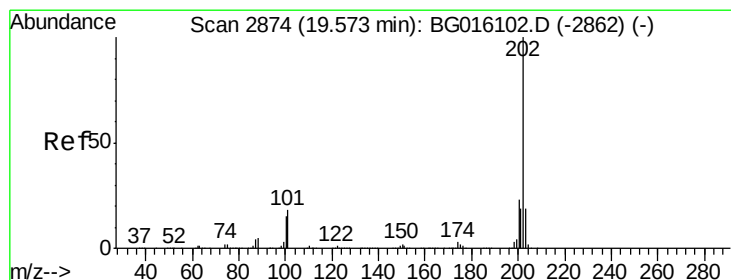
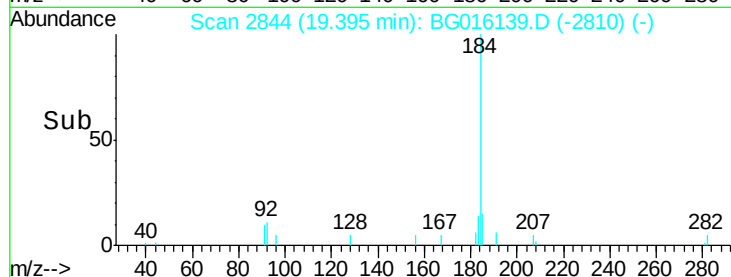
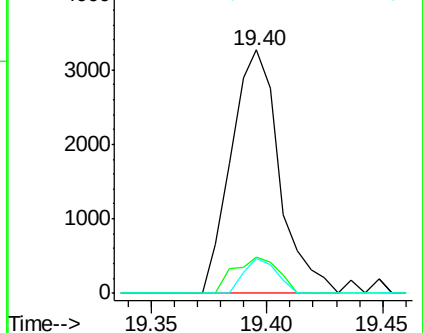
183 14.1 10.2 15.4



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: 0.68 ng

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

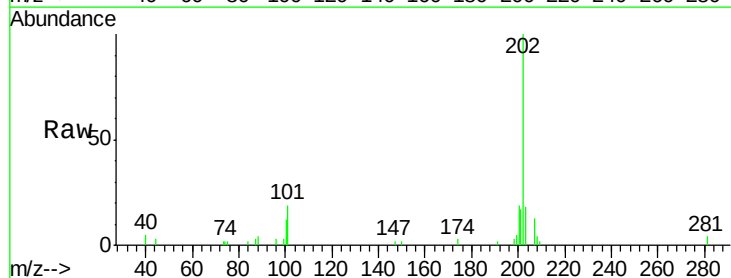
Tgt Ion:202 Resp: 12907

Ion Ratio Lower Upper

202 100

200 19.0 18.4 27.6

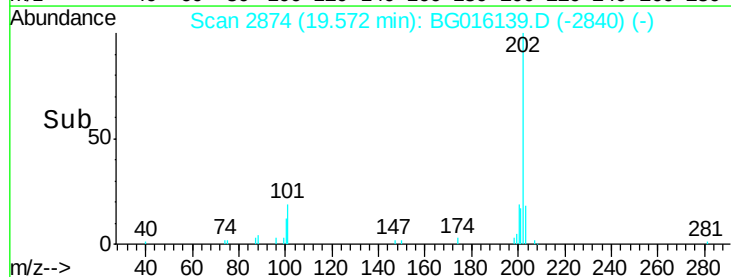
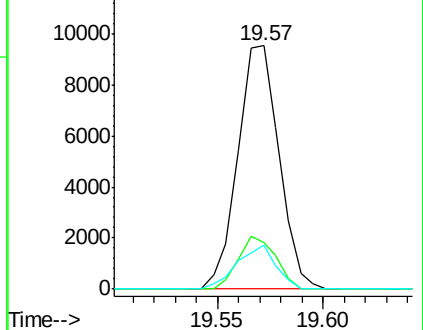
203 18.2 15.4 23.0

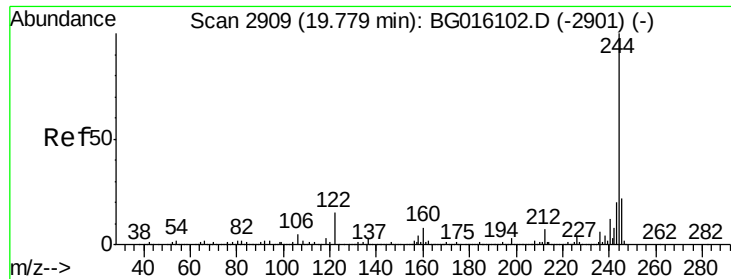


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.37 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

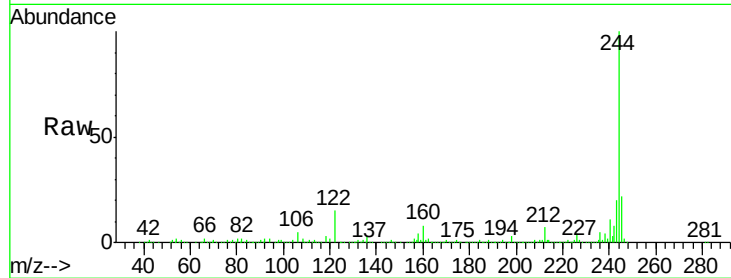
Tgt Ion:244 Resp: 985800

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

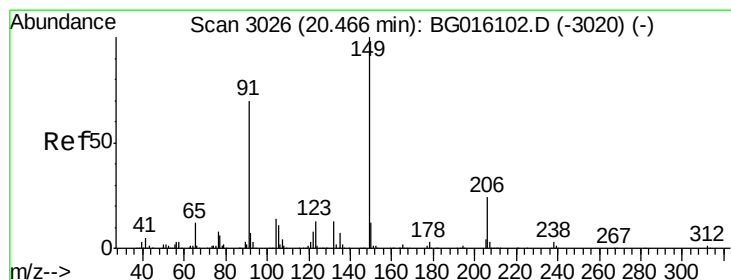
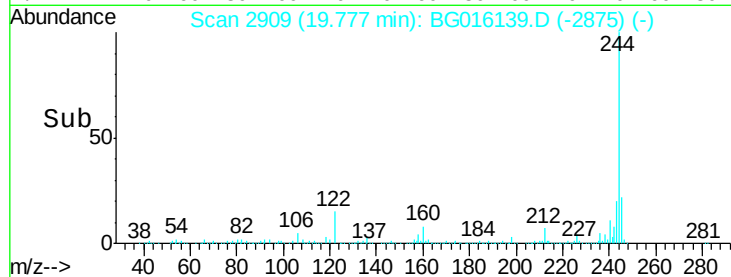
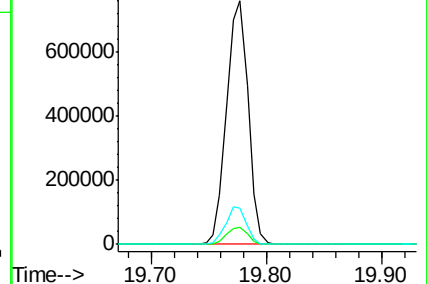
122 15.0 12.2 18.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.56 ng

RT: 20.46 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

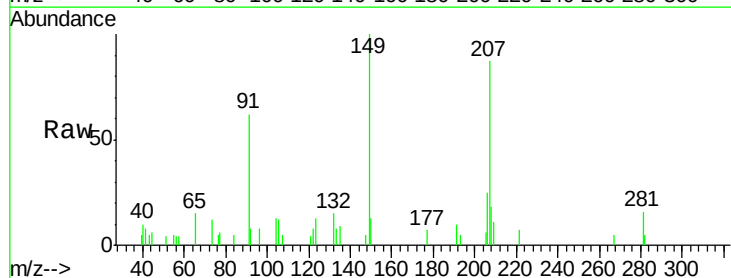
Tgt Ion:149 Resp: 4458

Ion Ratio Lower Upper

149 100

91 62.3 55.8 83.6

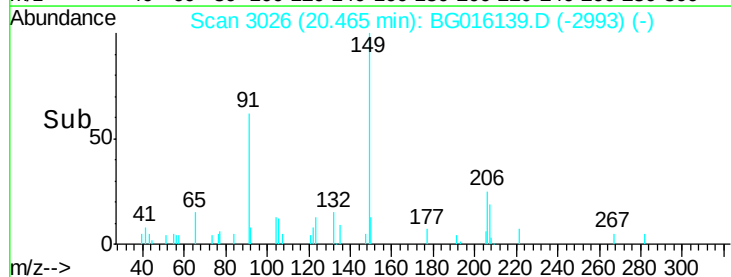
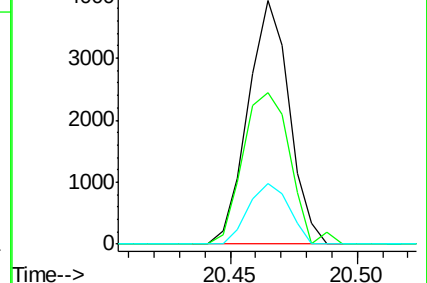
206 25.1 19.1 28.7

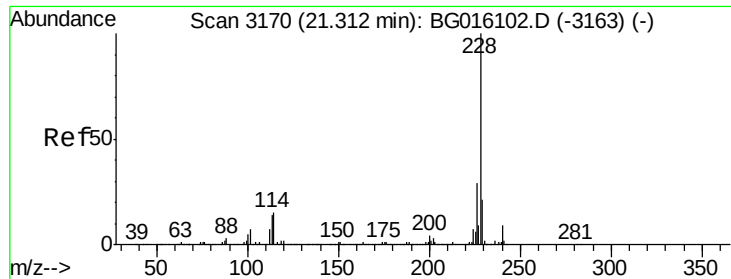


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.75 ng

RT: 21.30 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

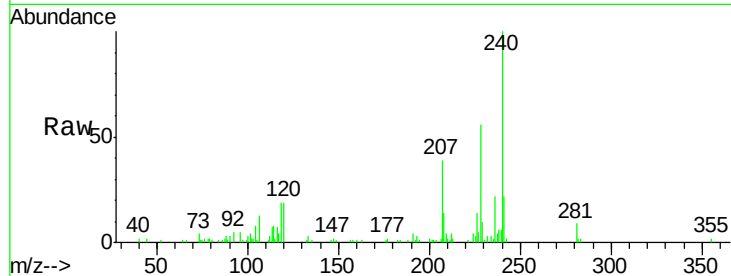
Tgt Ion:228 Resp: 13174

Ion Ratio Lower Upper

228 100

226 24.6 23.0 34.4

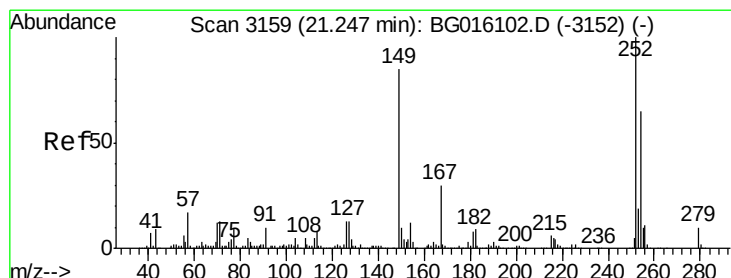
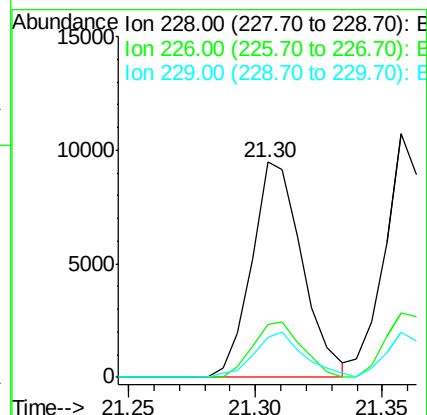
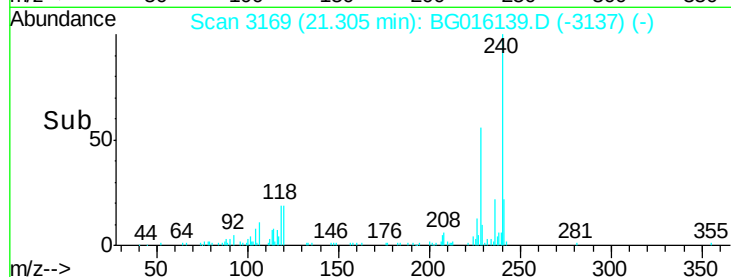
229 18.7 16.8 25.2



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



#81

3,3'-Dichlorobenzidine

Concen: 0.58 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

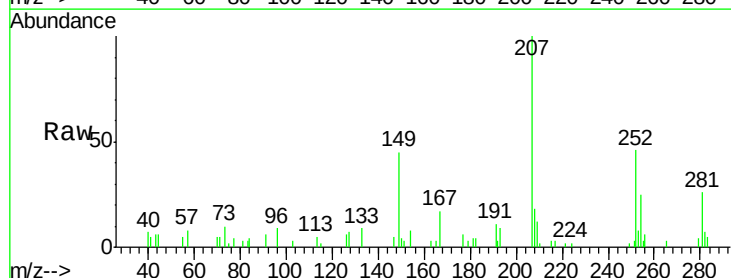
Tgt Ion:252 Resp: 3522

Ion Ratio Lower Upper

252 100

254 54.8 51.7 77.5

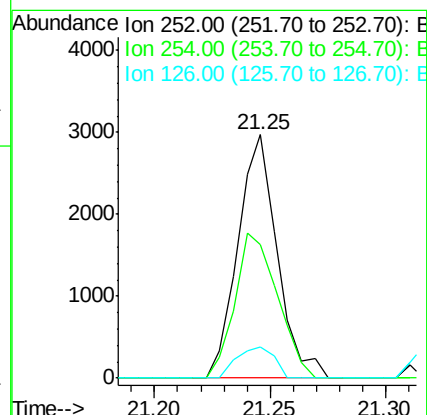
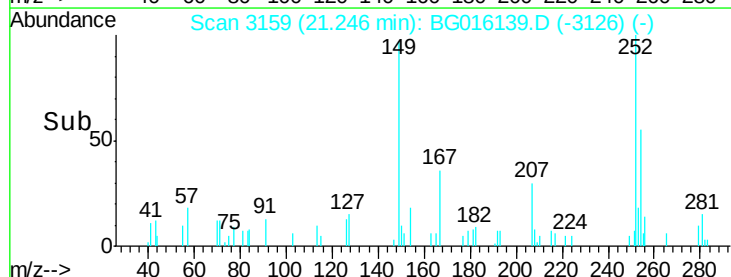
126 12.9 10.6 16.0

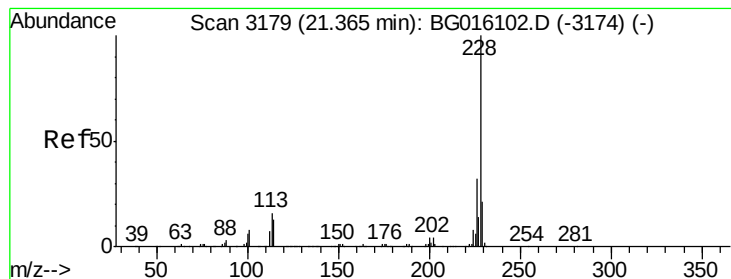


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.79 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

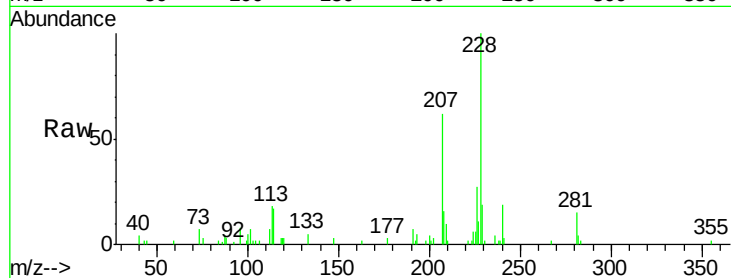
Tgt Ion:228 Resp: 12683

Ion Ratio Lower Upper

228 100

226 26.6 25.7 38.5

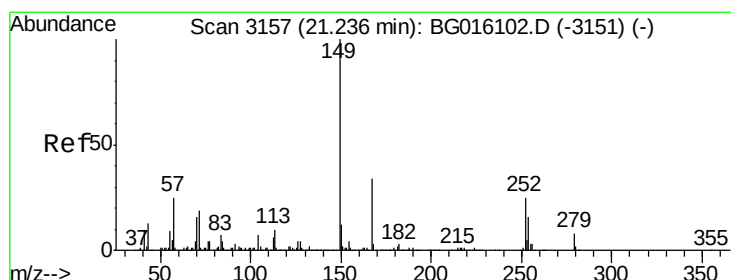
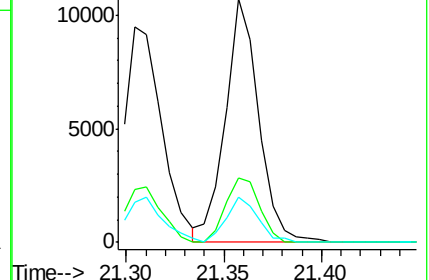
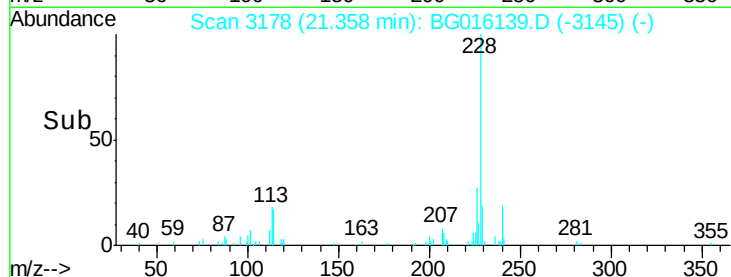
229 18.7 17.0 25.6



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: 0.60 ng

RT: 21.24 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

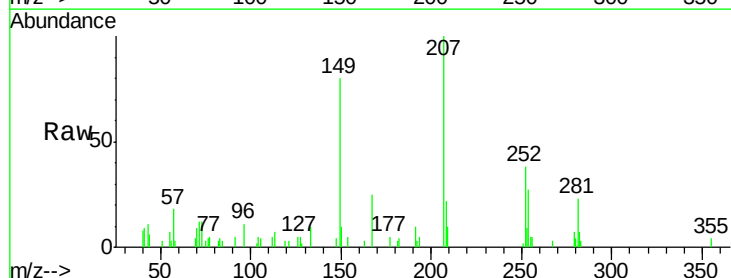
Tgt Ion:149 Resp: 6536

Ion Ratio Lower Upper

149 100

167 30.6 27.1 40.7

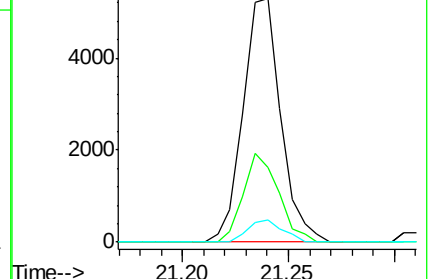
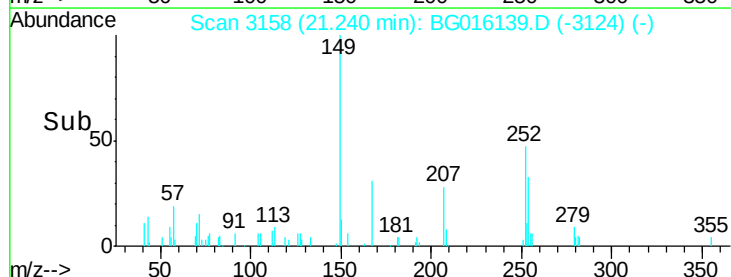
279 9.1 6.4 9.6

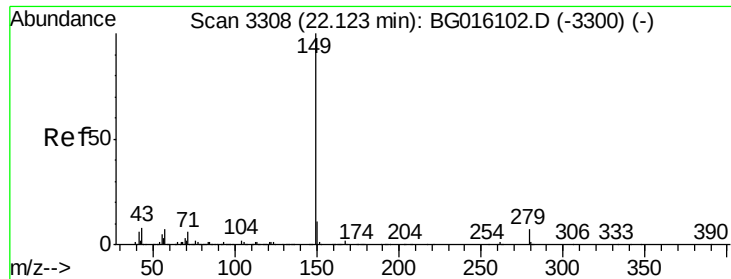


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

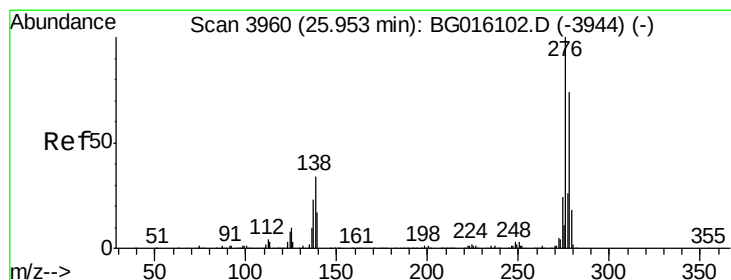
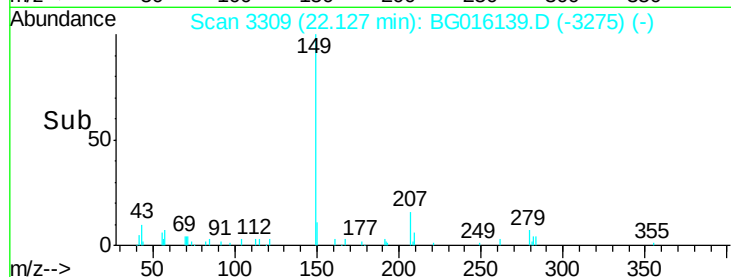
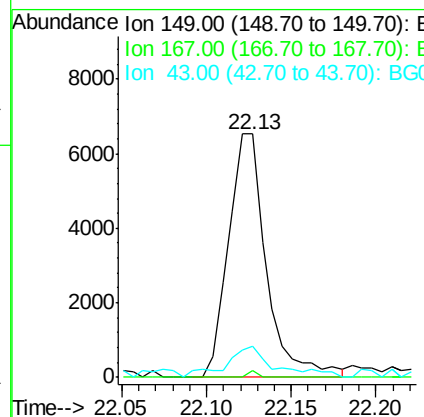
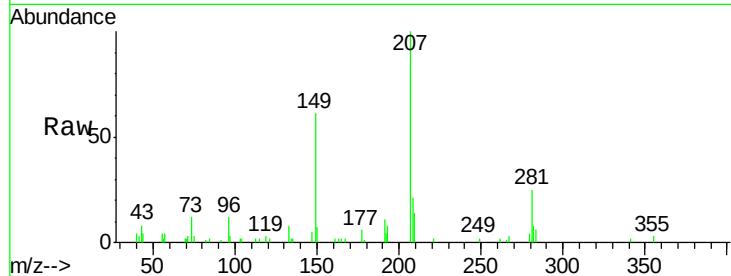




#84
Di-n-octyl phthalate
Concen: 0.55 ng
RT: 22.13 min Scan# 3309
Delta R.T. -0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

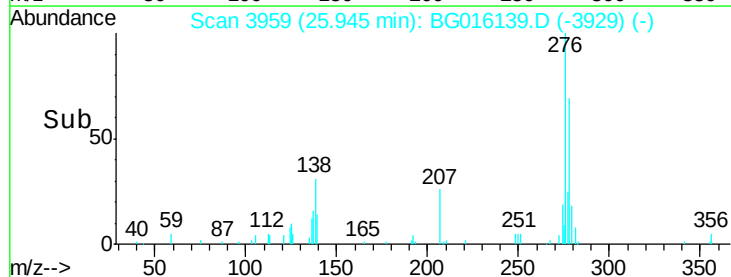
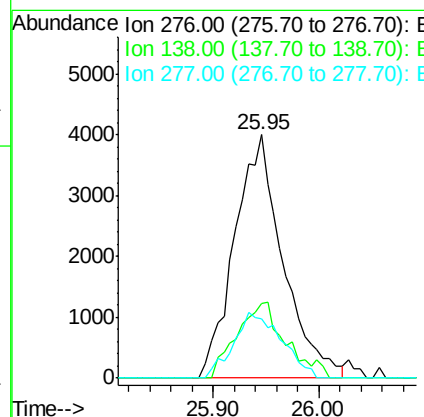
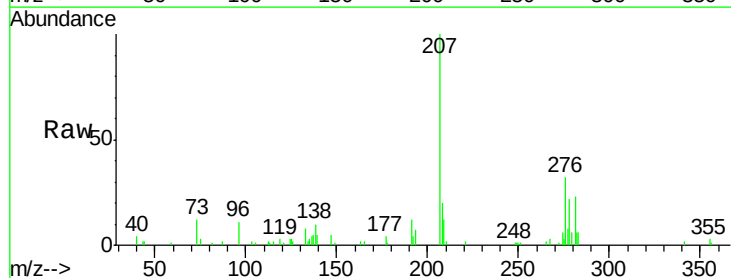
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

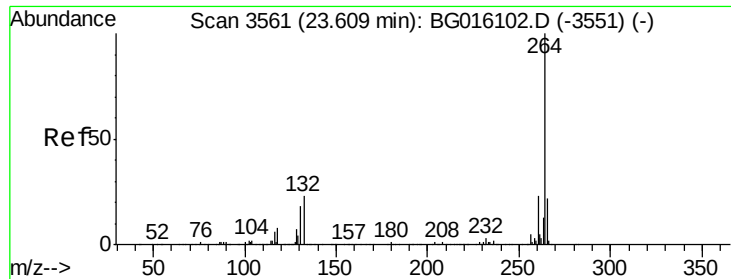
Tgt Ion:149 Resp: 10191
Ion Ratio Lower Upper
149 100
167 0.7 1.4 2.0#
43 16.3 6.1 9.1#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.62 ng
RT: 25.95 min Scan# 3959
Delta R.T. -0.02 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:276 Resp: 12708
Ion Ratio Lower Upper
276 100
138 31.4 26.9 40.3
277 26.8 20.7 31.1

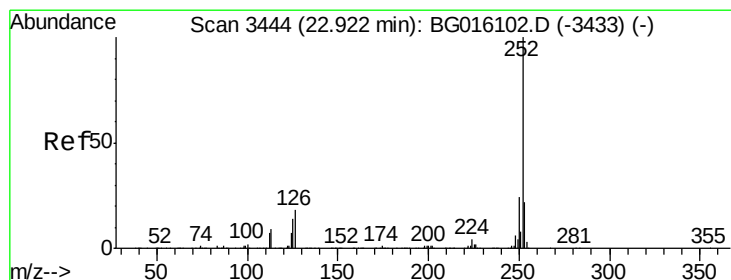
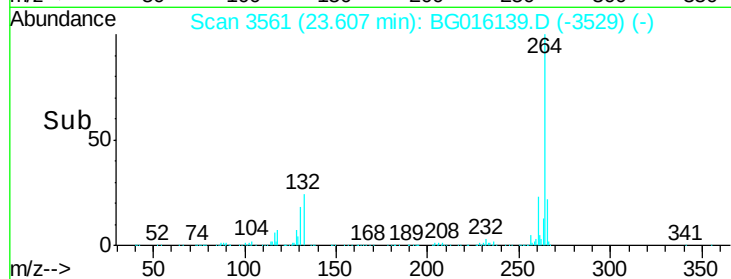
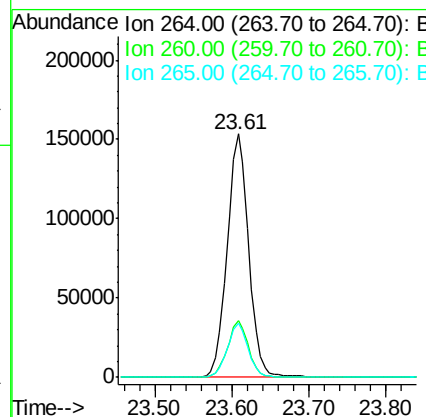
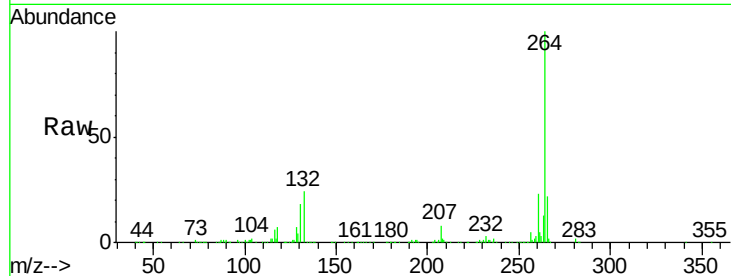




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

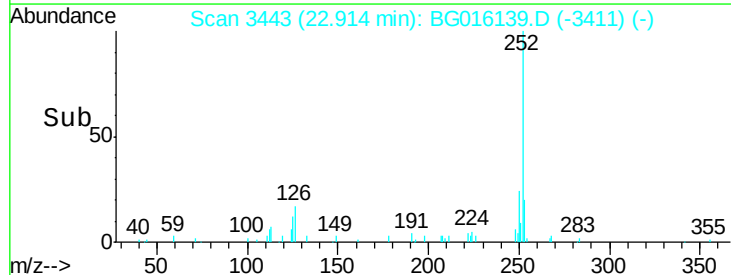
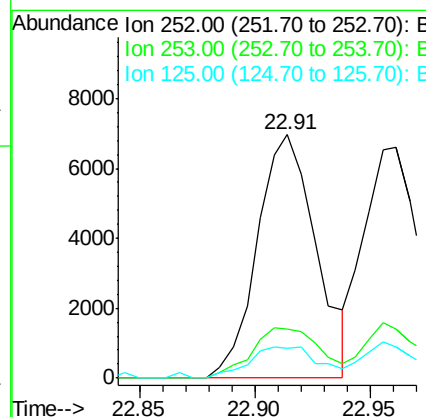
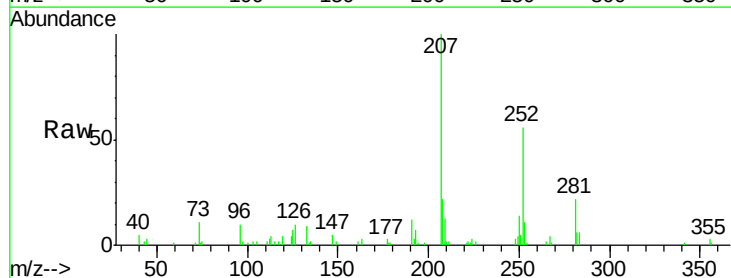
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

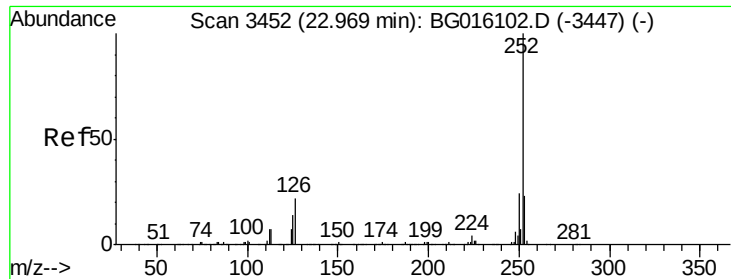
Tgt Ion:264 Resp: 297528
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.2 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 0.71 ng
RT: 22.91 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:252 Resp: 12302
Ion Ratio Lower Upper
252 100
253 20.2 17.9 26.9
125 12.1 11.1 16.7

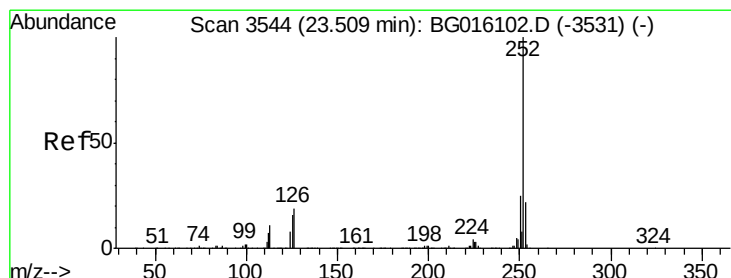
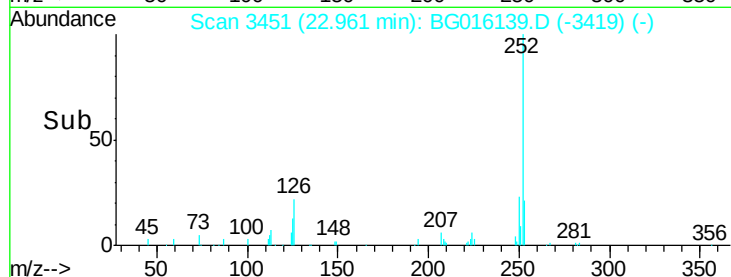
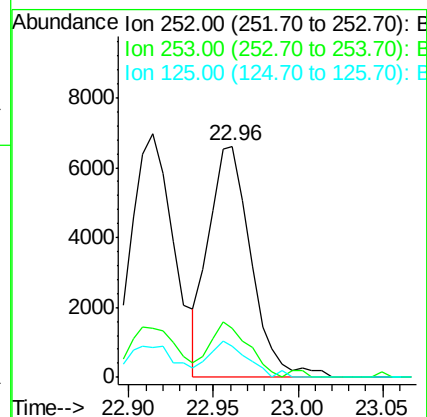
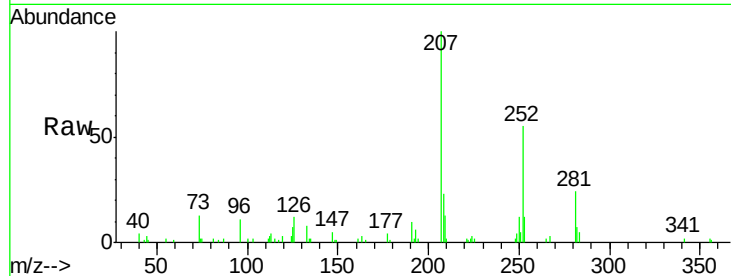




#88
Benzo(k)fluoranthene
Concen: 0.69 ng
RT: 22.96 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

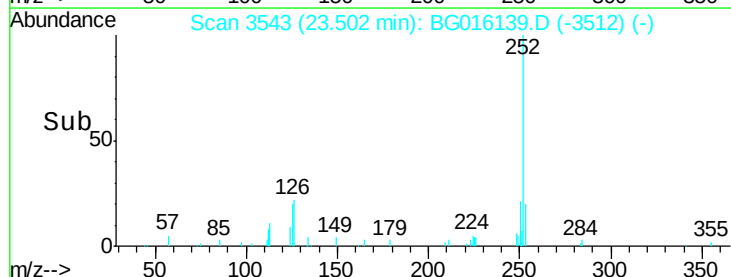
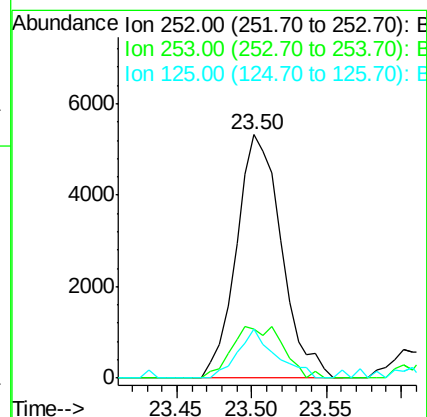
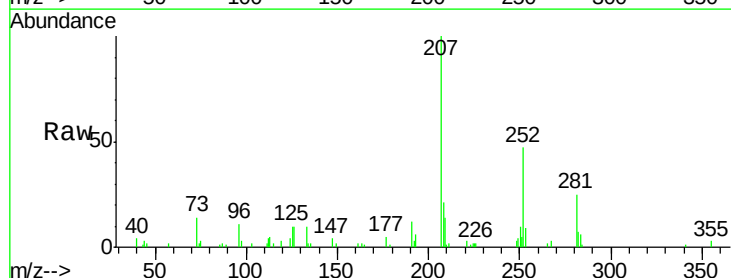
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

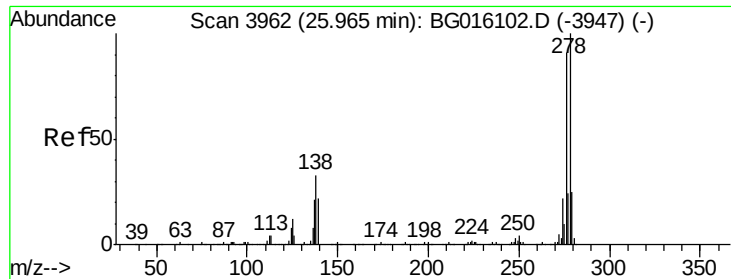
Tgt Ion:252 Resp: 11527
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 13.2 11.0 16.4



#89
Benzo(a)pyrene
Concen: 0.69 ng
RT: 23.50 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:252 Resp: 11099
Ion Ratio Lower Upper
252 100
253 20.2 17.9 26.9
125 20.2 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 0.66 ng

RT: 25.96 min Scan# 3961

Delta R.T. -0.02 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

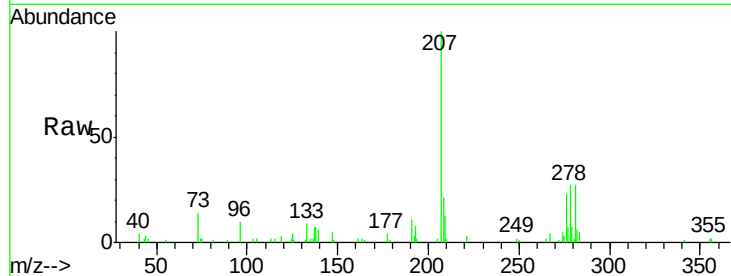
Tgt Ion:278 Resp: 11006

Ion Ratio Lower Upper

278 100

139 22.0 17.8 26.8

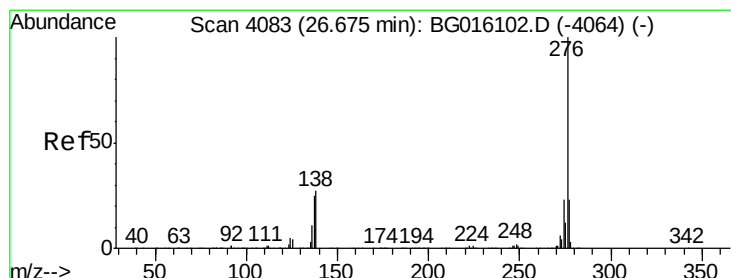
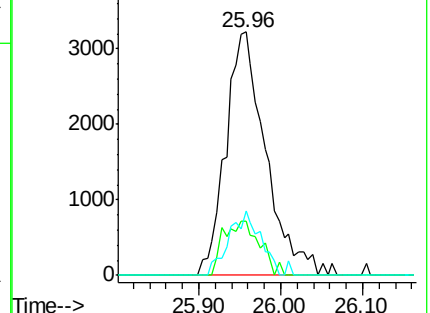
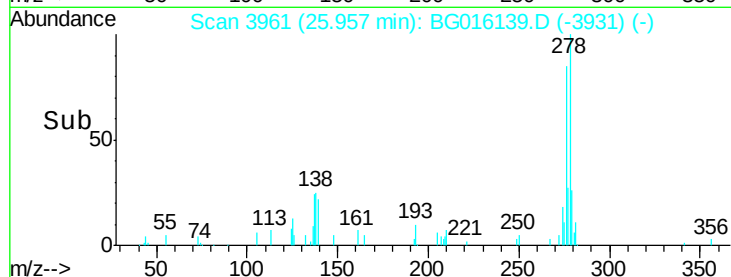
279 26.2 19.9 29.9



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: 0.66 ng

RT: 26.66 min Scan# 4081

Delta R.T. -0.02 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

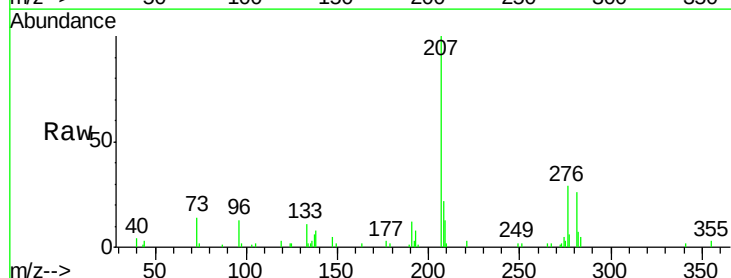
Tgt Ion:276 Resp: 11017

Ion Ratio Lower Upper

276 100

277 21.1 18.7 28.1

138 27.0 22.0 33.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

