

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020862.D
 Acq On : 11 Feb 2016 18:49
 Operator : SJ/UM
 Sample : G4825-03
 Misc : LOD 1PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations
 APPROVED

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 2/12/2016 12:33:02 PM

Quant Time: Feb 12 04:57:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21289	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	106156	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	67729	20.00	ng	0.00
63) Phenanthrene-d10	17.61	188	144980	20.00	ng	0.00
75) Chrysene-d12	21.90	240	135397	20.00	ng	0.00
86) Perylene-d12	25.28	264	125074	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	177808	140.65	ng	0.00
7) Phenol-d6	7.41	99	250396	135.52	ng	0.00
23) Nitrobenzene-d5	9.44	82	138145	85.56	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	96118	144.31	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	396611	82.26	ng	0.00
78) Terphenyl-d14	20.20	244	539613	92.97	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	301	0.65	ng	# 27
6) Aniline	7.58	93	743	0.32	ng	# 83
8) 2-Chlorophenol	7.83	128	1387	0.88	ng	# 97
9) Benzaldehyde	7.40	77	1282	1.39	ng	# 71
10) Phenol	7.43	94	1592	0.81	ng	# 56
11) bis(2-Chloroethyl)ether	7.68	93	1161	0.74	ng	# 98
12) 1,3-Dichlorobenzene	8.16	146	1142	0.68	ng	# 87
13) 1,4-Dichlorobenzene	8.31	146	1371	0.81	ng	# 93
14) 1,2-Dichlorobenzene	8.63	146	1387	0.84	ng	# 91
15) Benzyl Alcohol	8.50	79	933	0.80	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.79	45	1282	0.79	ng	# 61
17) 2-Methylphenol	8.70	107	1104	0.78	ng	# 93
18) Hexachloroethane	9.36	117	321	0.55	ng	# 81
19) n-Nitroso-di-n-propylamine	9.07	70	862	0.72	ng	# 78
20) 3+4-Methylphenols	9.03	107	1675	0.85	ng	# 95
22) Acetophenone	9.09	105	1843	0.72	ng	# 92
24) Nitrobenzene	9.48	77	1350	0.80	ng	# 94
25) Isophorone	10.00	82	2707	0.80	ng	# 91
27) 2,4-Dimethylphenol	10.24	122	970	0.57	ng	# 91
28) bis(2-Chloroethoxy)methane	10.48	93	1678	0.80	ng	# 89
29) 2,4-Dichlorophenol	10.72	162	1206	0.79	ng	# 82
30) 1,2,4-Trichlorobenzene	10.95	180	1148	0.75	ng	# 99
31) Naphthalene	11.15	128	4743	0.86	ng	# 96
33) 4-Chloroaniline	11.24	127	1170	0.50	ng	# 82
34) Hexachlorobutadiene	11.43	225	519	0.66	ng	# 85
36) 4-Chloro-3-methylphenol	12.34	107	1315	0.75	ng	# 95
37) 2-Methylnaphthalene	12.73	142	3381	0.88	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	1415	0.71	ng	# 87
42) 2,4,6-Trichlorophenol	13.32	196	900	0.67	ng	# 94
43) 2,4,5-Trichlorophenol	13.39	196	1068	0.76	ng	# 95
45) 1,1'-Biphenyl	13.72	154	4655	0.78	ng	# 98
46) 2-Chloronaphthalene	13.77	162	3254	0.76	ng	# 93
47) 2-Nitroaniline	13.96	65	774	0.76	ng	# 92
48) Acenaphthylene	14.61	152	6031	0.81	ng	# 95

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
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 Sample : G4825-03
 Misc : LOD 1PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
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 LOD-SOIL2016-01

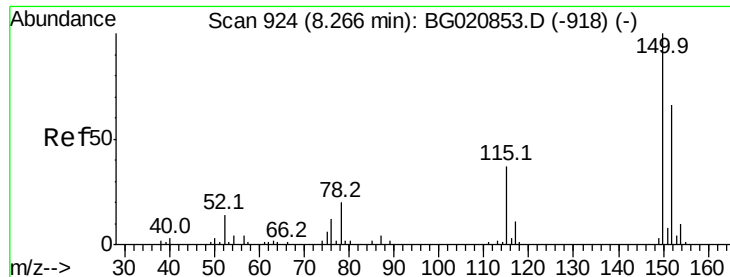
Manual Integrations
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 2/12/2016 12:33:02 PM

Quant Time: Feb 12 04:57:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	14.32	163	4518	0.85	nq	# 95
50) 2,6-Dinitrotoluene	14.44	165	665	0.59	nq	# 83
51) Acenaphthene	14.94	154	3424	0.76	nq	# 99
52) 3-Nitroaniline	14.77	138	843	0.64	nq	# 79
54) Dibenzofuran	15.28	168	5647	0.95	nq	# 99
55) 4-Nitrophenol	15.06	139	445	0.45	nq	# 86
56) 2,4-Dinitrotoluene	15.22	165	859	0.59	nq	# 82
57) Fluorene	15.92	166	4734	0.86	nq	# 89
58) 2,3,4,6-Tetrachlorophenol	15.49	232	820	0.77	nq	# 86
59) Diethylphthalate	15.67	149	4631	0.85	nq	# 95
60) 4-Chlorophenyl-phenylether	15.91	204	1882	0.77	nq	# 84
61) 4-Nitroaniline	15.92	138	798	0.60	nq	# 81
62) Azobenzene	16.20	77	4031	0.94	nq	# 97
65) n-Nitrosodiphenylamine	16.12	169	3693	0.79	nq	# 91
66) 4-Bromophenyl-phenylether	16.80	248	1124	0.73	nq	# 84
67) Hexachlorobenzene	16.92	284	1327	0.81	nq	# 90
68) Atrazine	17.05	200	1148	0.81	nq	# 92
70) Phenanthrene	17.66	178	7010	0.85	nq	# 94
71) Anthracene	17.75	178	6966	0.83	nq	# 97
72) Carbazole	18.01	167	5918	0.79	nq	# 95
73) Di-n-butylphthalate	18.55	149	7181	0.74	nq	# 98
74) Fluoranthene	19.65	202	7369	0.83	nq	# 99
77) Pyrene	20.01	202	7421	0.83	nq	# 93
79) Butylbenzylphthalate	20.87	149	3163	0.74	nq	# 96
80) Benzo(a)anthracene	21.88	228	7307	0.90	nq	# 99
81) 3,3'-Dichlorobenzidine	21.79	252	1431	0.48	nq	# 91
82) Chrysene	21.94	228	6107	0.80	nq	# 98
83) Bis(2-ethylhexyl)phthalate	21.76	149	4881	0.77	nq	# 95
84) Di-n-octyl phthalate	23.03	149	8107	0.78	nq	# 95
85) Indeno(1,2,3-cd)pyrene	29.15	276	6778m	0.78	nq	# 90
87) Benzo(b)fluoranthene	24.20	252	6219	0.81	nq	# 93
88) Benzo(k)fluoranthene	24.26	252	6297	0.84	nq	# 95
89) Benzo(a)pyrene	25.11	252	6180	0.85	nq	# 91
90) Dibenzo(a,h)anthracene	29.22	278	5248	0.74	nq	# 91
91) Benzo(a,h,i)perylene	30.37	276	5231m	0.74	nq	# 91

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



#1

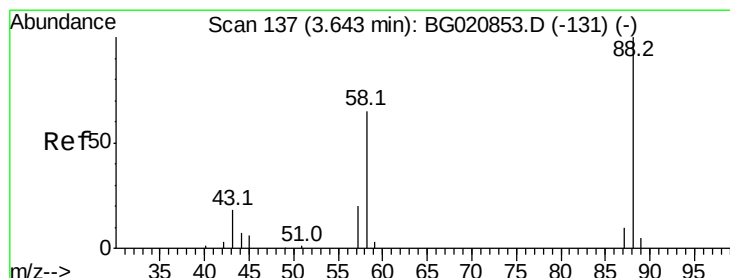
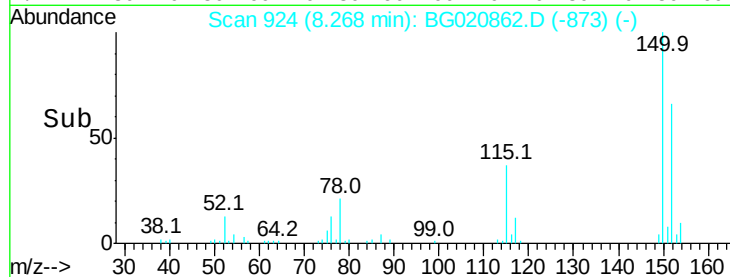
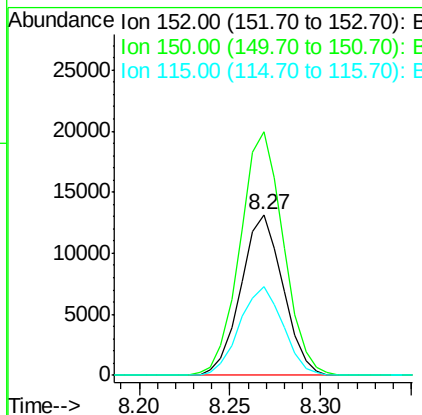
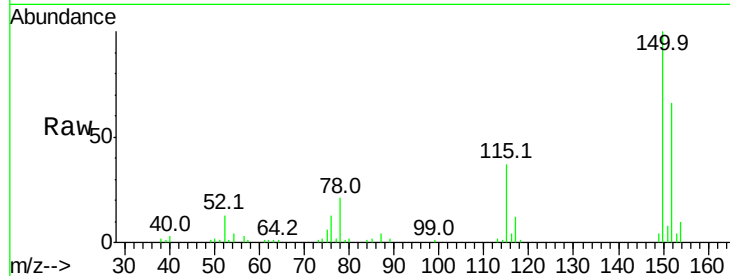
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.0	183.0
115	55.4	45.2	67.8

Manual Integrations
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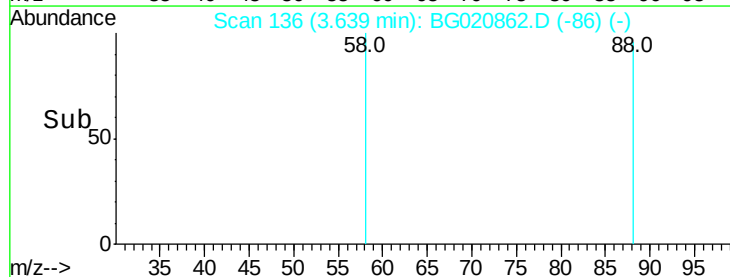
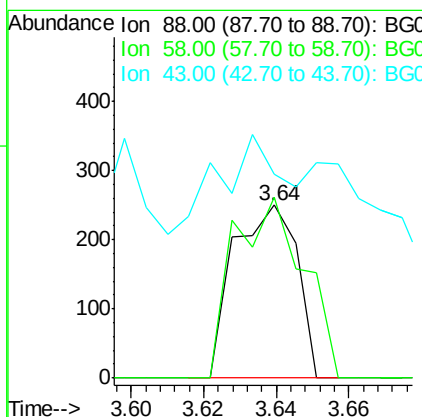
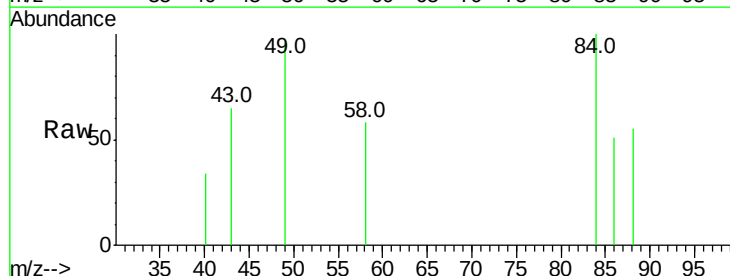
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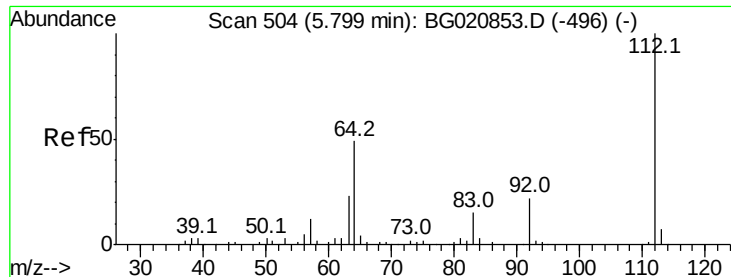


#2

1,4-Dioxane
Concen: 0.65 ng
RT: 3.64 min Scan# 136
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	115.9	50.3	75.5#
43	57.8	14.5	21.7#





#5

2-Fluorophenol

Concen: 140.65 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

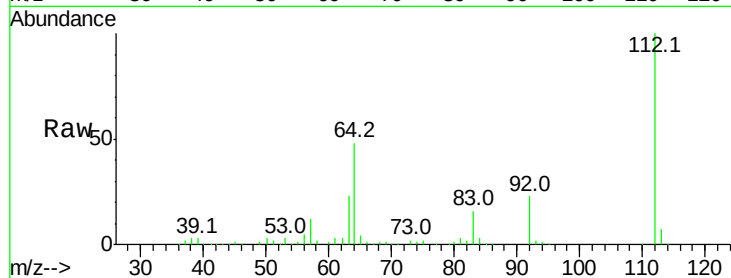
ClientSampleId :

LOD-SOIL2016-01

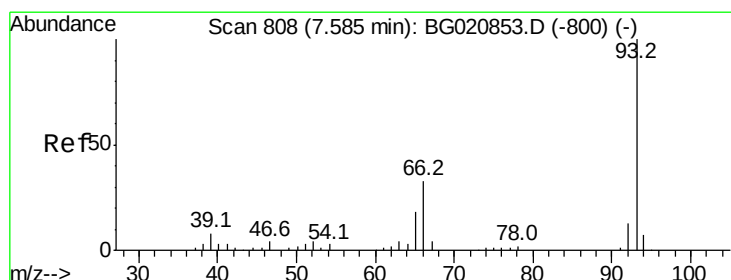
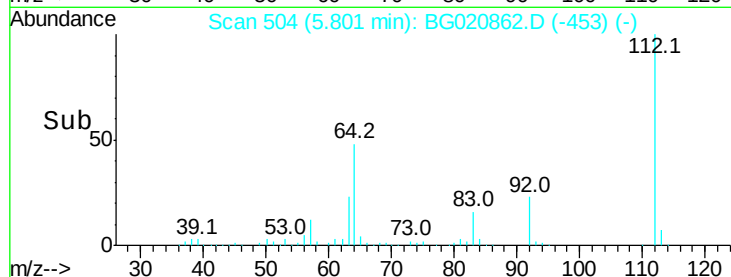
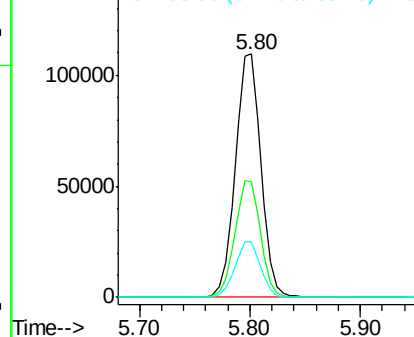
Tot Ion:	112	Resp:	177808
Ion Ratio	Lower	Upper	
112	100		
64	47.6	39.3	58.9
63	22.9	18.2	27.4

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.32 ng

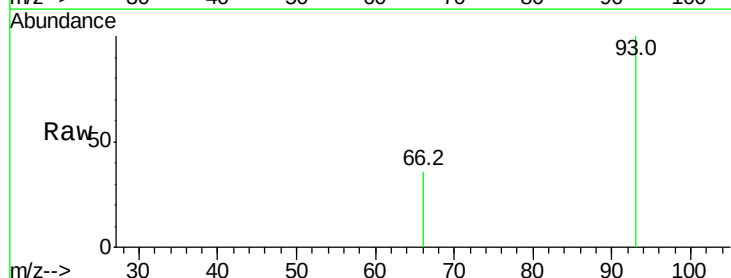
RT: 7.58 min Scan# 807

Delta R.T. -0.00 min

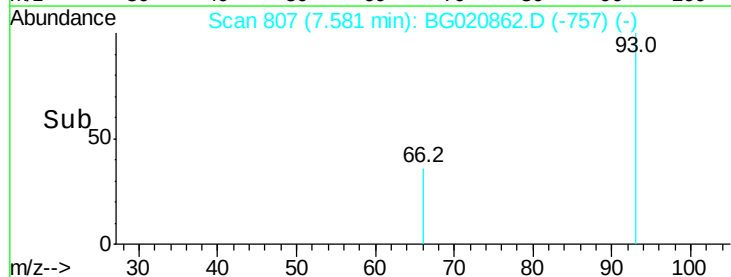
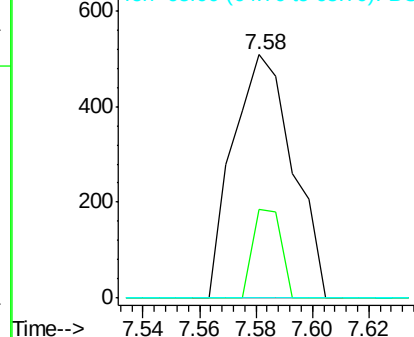
Lab File: BG020862.D

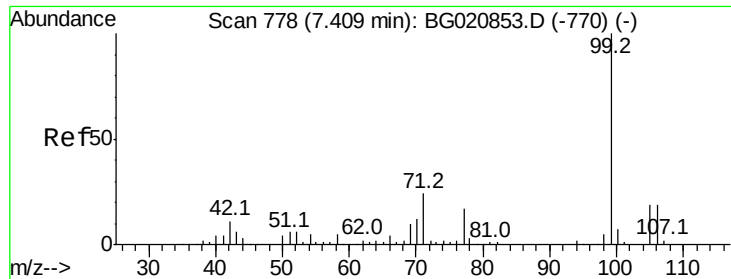
Acq: 11 Feb 2016 18:49

Tgt Ion:	93	Resp:	743
Ion Ratio	Lower	Upper	
93	100		
66	36.4	26.6	40.0
65	0.0	14.0	21.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.52 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

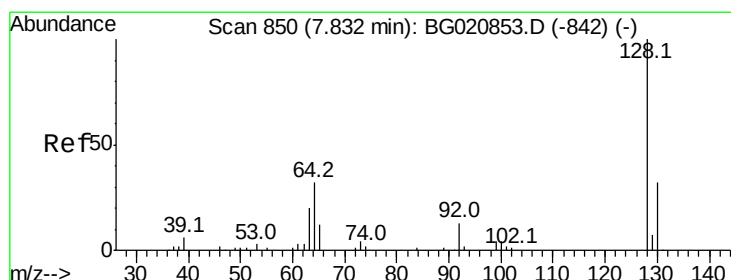
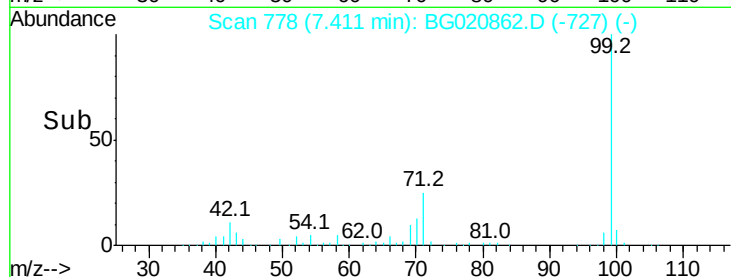
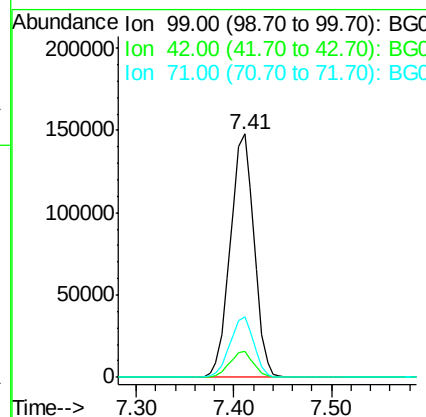
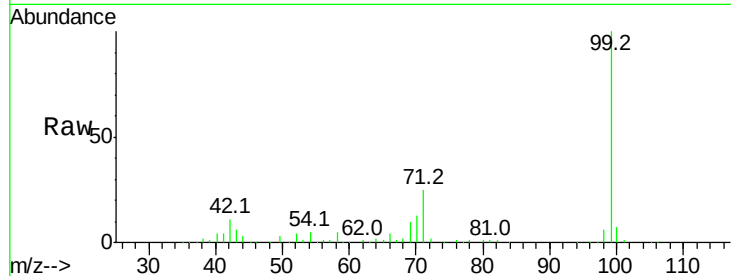
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	99	Resp:	250396
Ion Ratio	Lower	Upper	
99	100		
42	10.5	8.4	12.6
71	24.6	19.4	29.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 0.88 ng

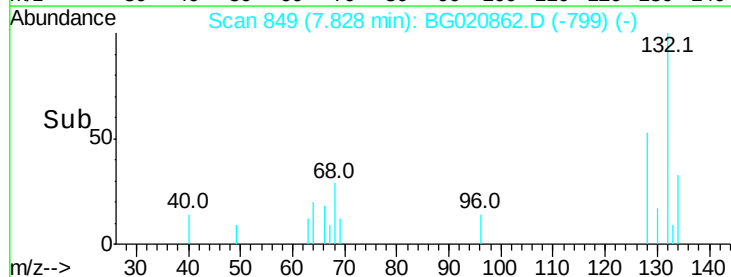
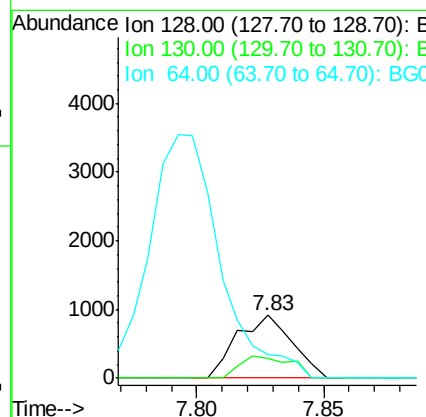
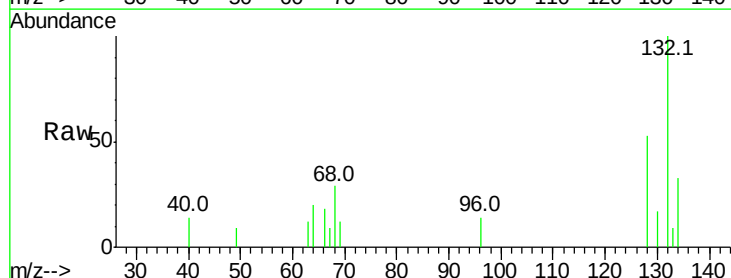
RT: 7.83 min Scan# 849

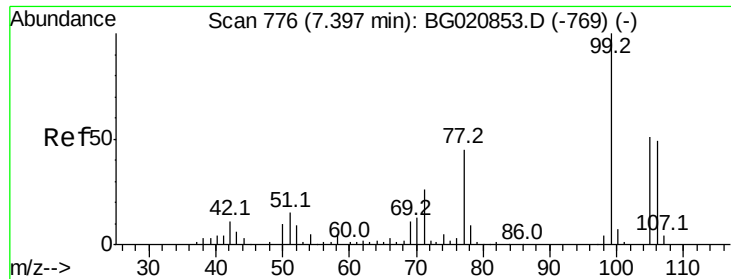
Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	128	Resp:	1387
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.3	52.3
64	38.2	15.9	55.9





#9

Benzaldehyde

Concen: 1.39 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

ClientSampled :

LOD-SOIL2016-01

Tot Ion: 77 Resp: 1282

Ion Ratio Lower Upper

77 100

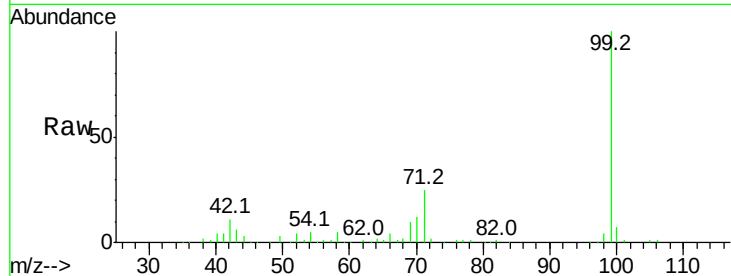
105 81.5 93.4 133.4#

106 78.2 88.7 128.7#

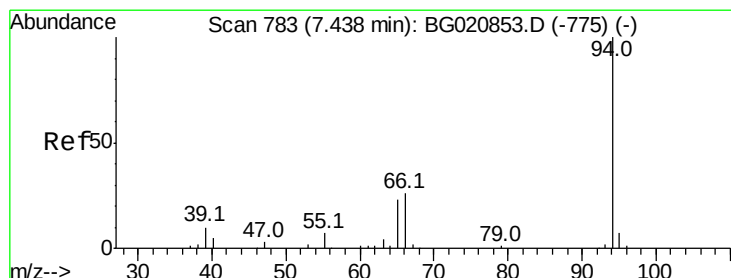
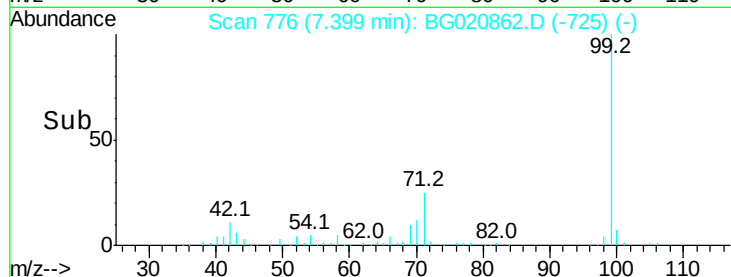
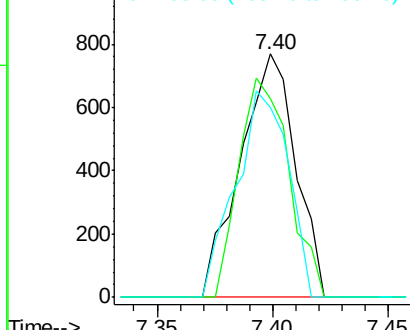
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.81 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

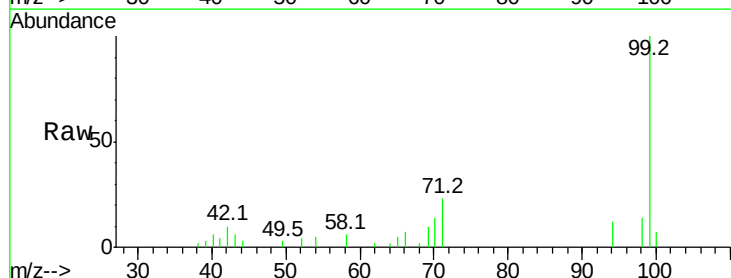
Tgt Ion: 94 Resp: 1592

Ion Ratio Lower Upper

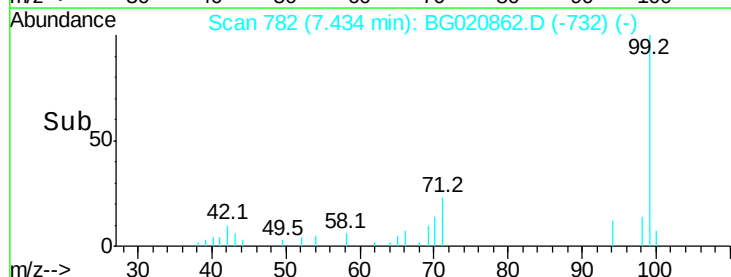
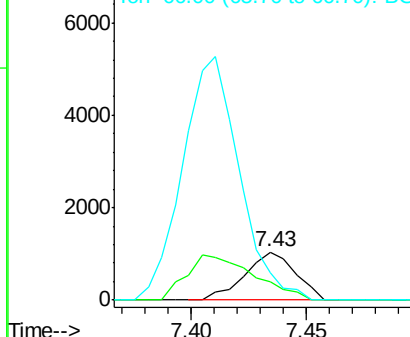
94 100

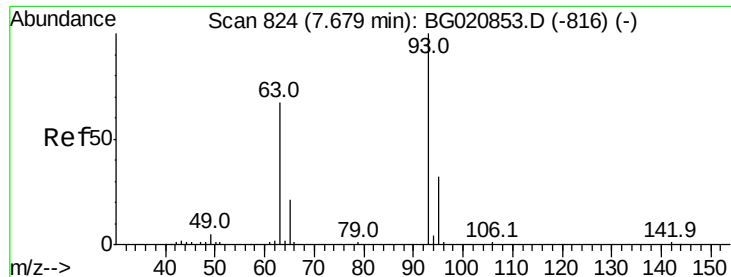
65 38.3 2.8 42.8

66 55.5 7.2 47.2#



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





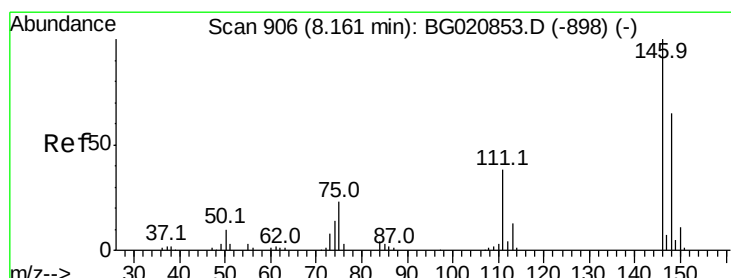
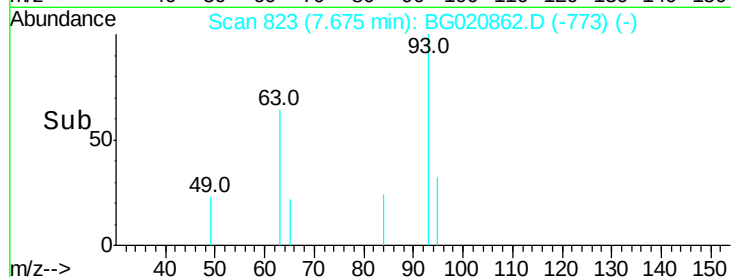
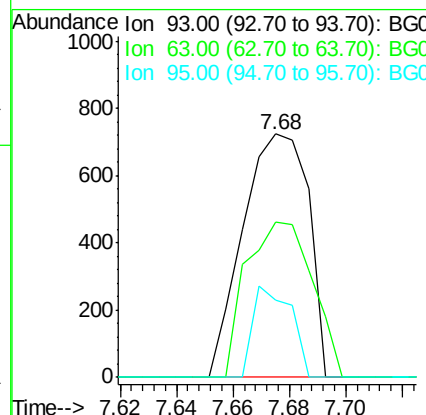
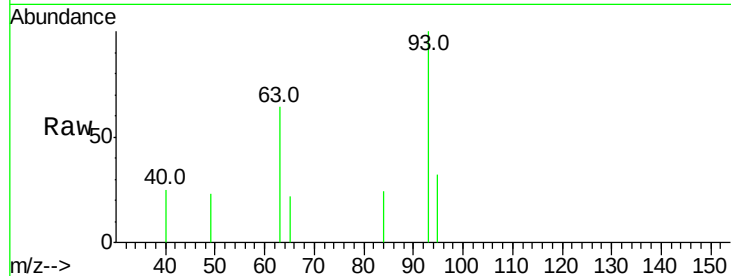
#11
bis(2-Chloroethyl)ether
Concen: 0.74 ng
RT: 7.68 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:	93	Resp:	1161
Ion	Ratio	Lower	Upper
93	100		
63	63.9	46.4	86.4
95	31.9	12.1	52.1

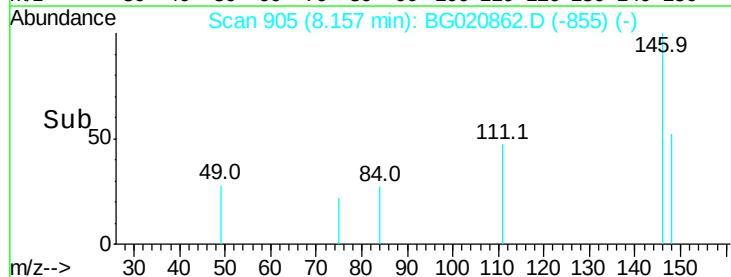
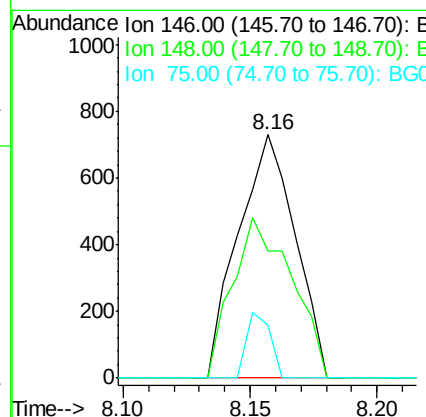
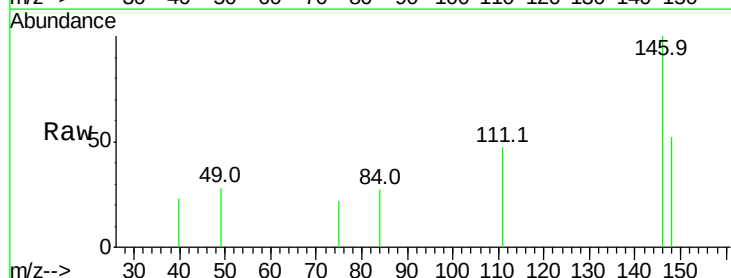
Manual Integrations
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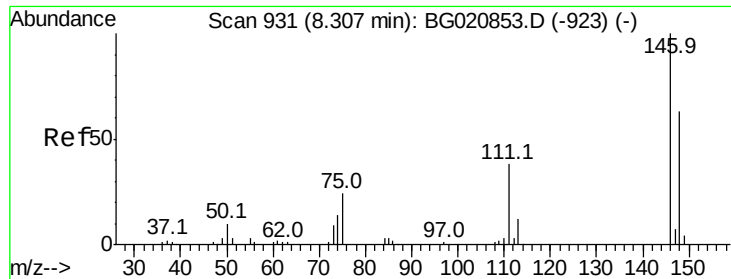
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#12
1,3-Dichlorobenzene
Concen: 0.68 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion:	146	Resp:	1142
Ion	Ratio	Lower	Upper
146	100		
148	52.2	51.8	77.8
75	21.9	18.7	28.1





#13

1,4-Dichlorobenzene

Concen: 0.81 ng

RT: 8.31 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

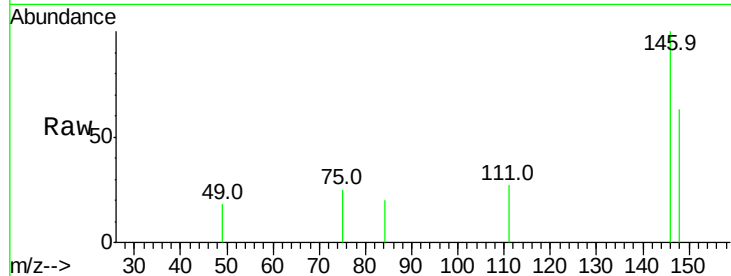
ClientSampleId :

LOD-SOIL2016-01

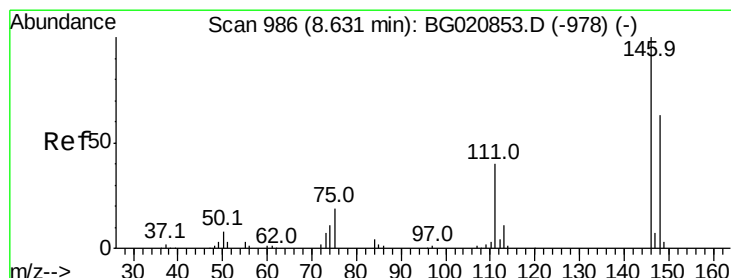
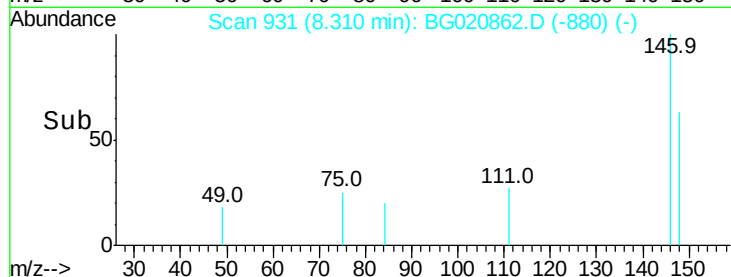
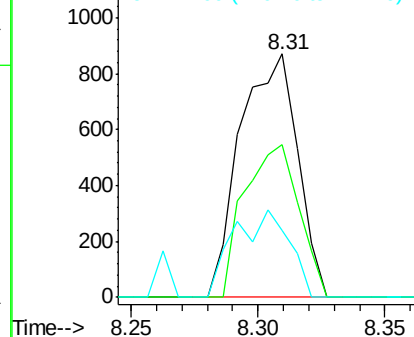
Tot Ion:	146	Resp:	1371
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.8	76.2
111	27.3	30.1	45.1#

Manual Integrations
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2/12/2016 12:33:02 PM



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: 0.84 ng

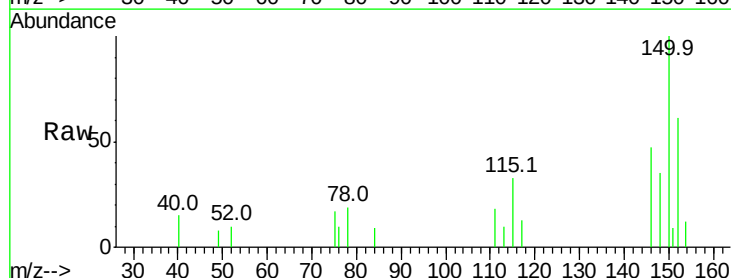
RT: 8.63 min Scan# 985

Delta R.T. -0.00 min

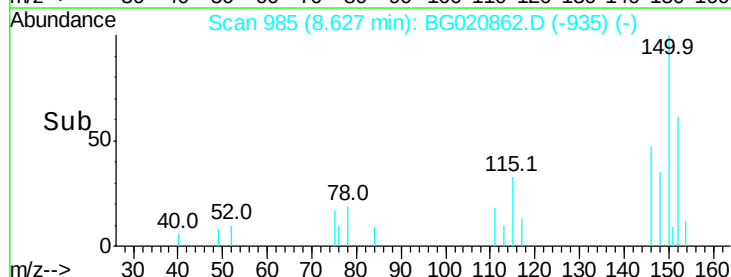
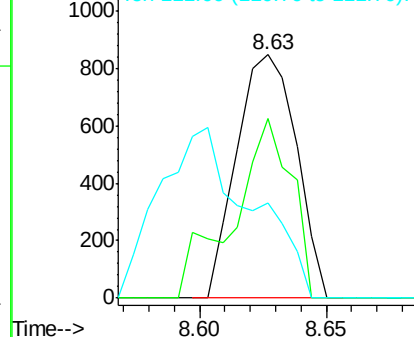
Lab File: BG020862.D

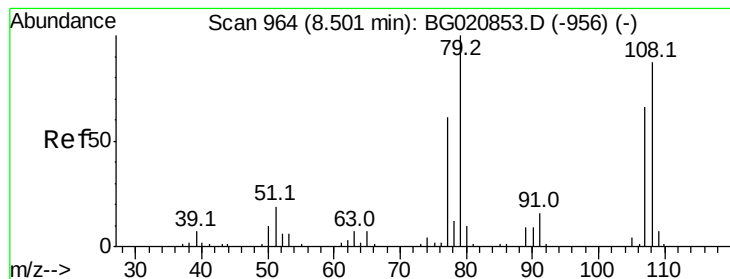
Acq: 11 Feb 2016 18:49

Tgt Ion:	146	Resp:	1387
Ion Ratio	Lower	Upper	
146	100		
148	73.6	50.6	76.0
111	39.1	32.6	48.8



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: 0.80 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

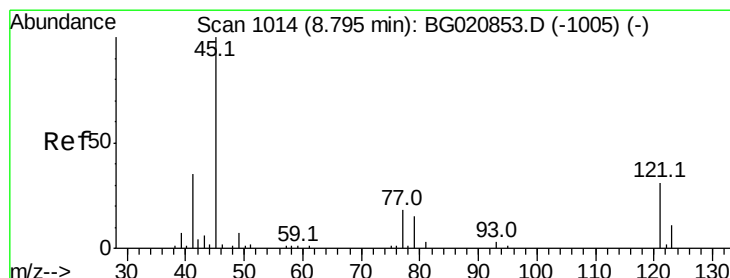
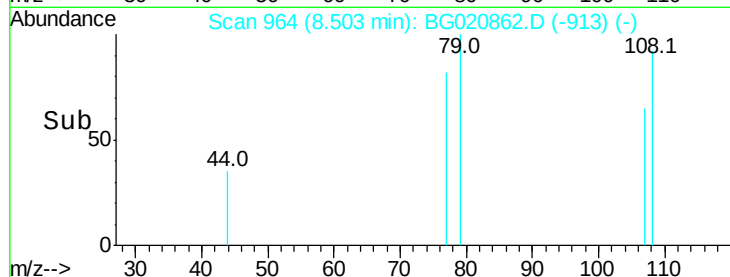
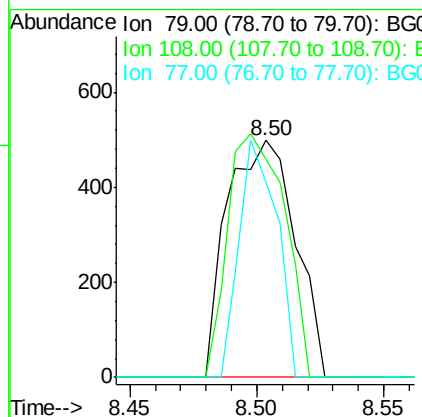
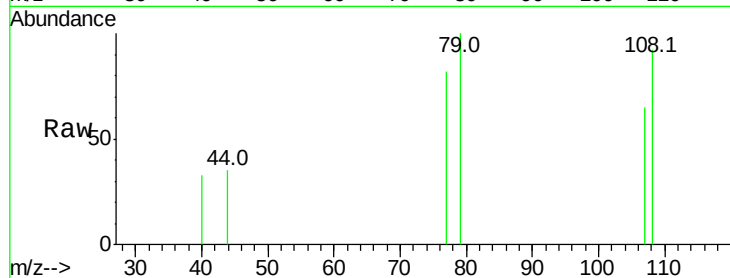
ClientSampled :

LOD-SOIL2016-01

Tot Ion:	79	Resp:	933
Ion	Ratio	Lower	Upper
79	100		
108	92.0	69.4	104.2
77	82.1	48.6	73.0#

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.79 ng

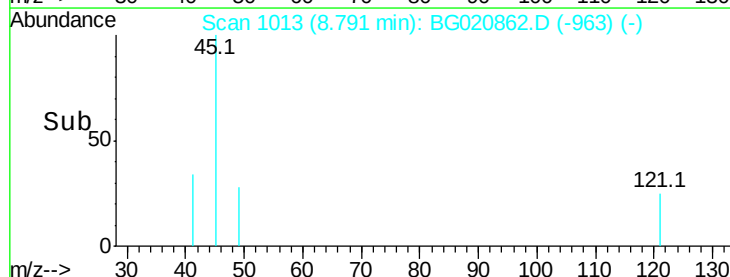
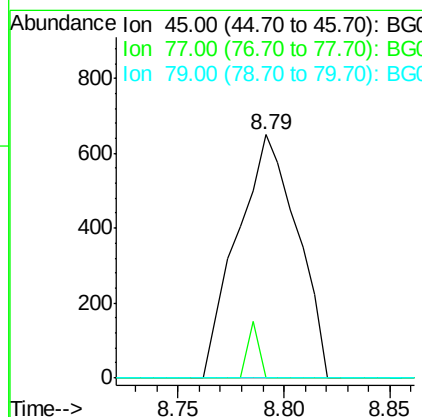
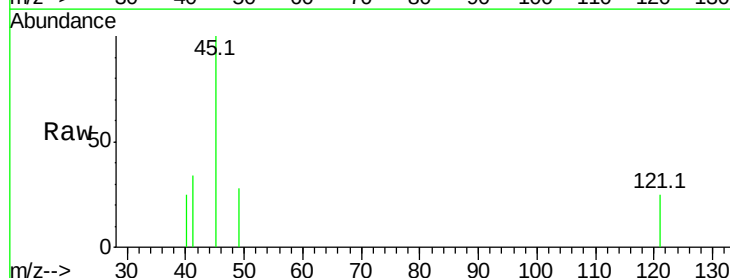
RT: 8.79 min Scan# 1013

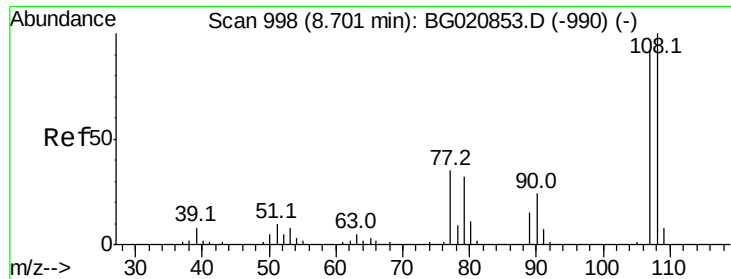
Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	45	Resp:	1282
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	38.5
79	0.0	0.0	34.9





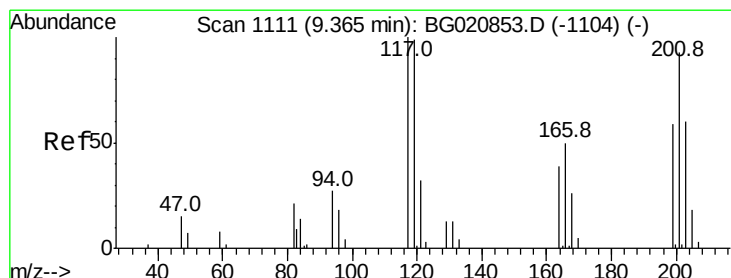
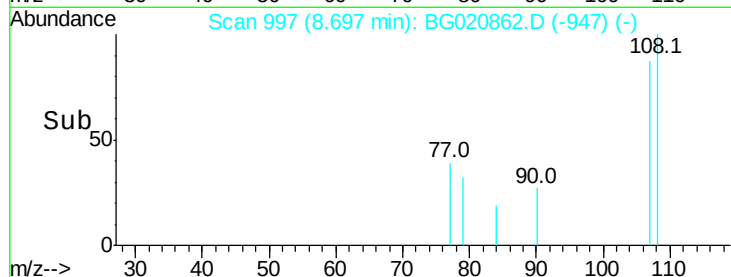
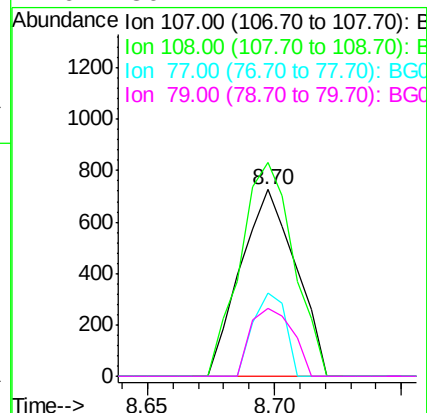
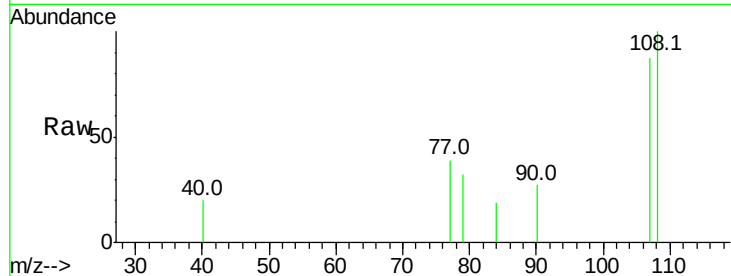
#17
2-Methylphenol
Concen: 0.78 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	107	Resp	1104
Ion	Ratio	Lower	Upper
107	100		
108	114.6	87.0	130.4
77	44.8	30.1	45.1
79	36.4	27.4	41.2

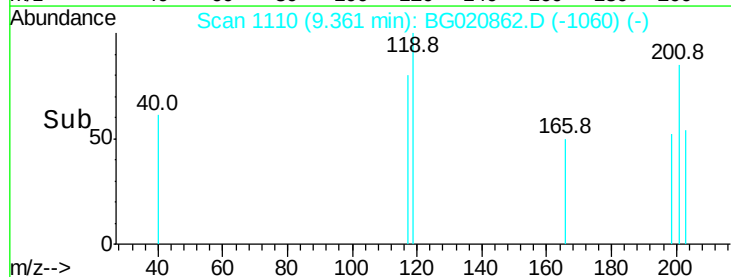
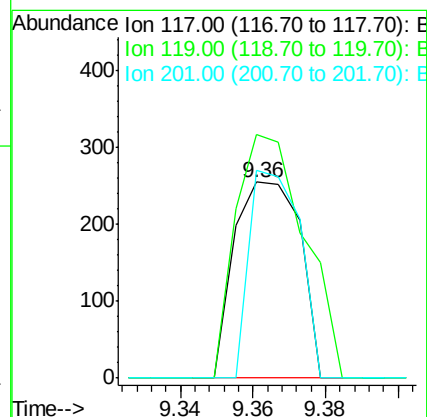
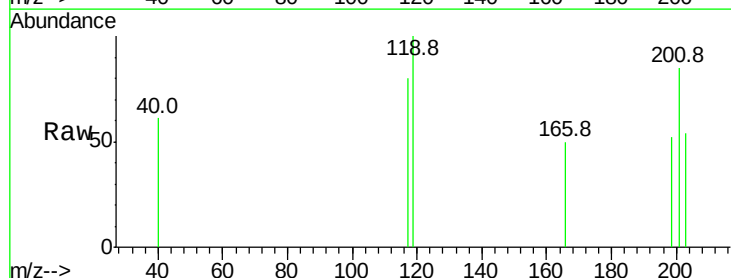
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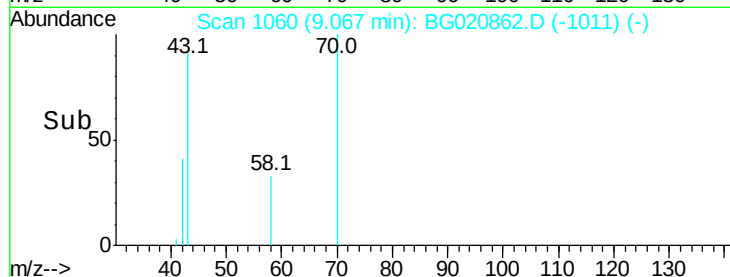
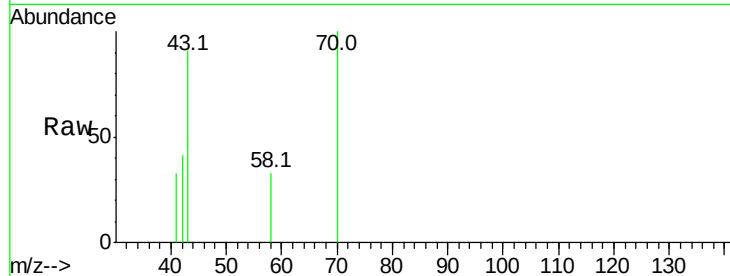
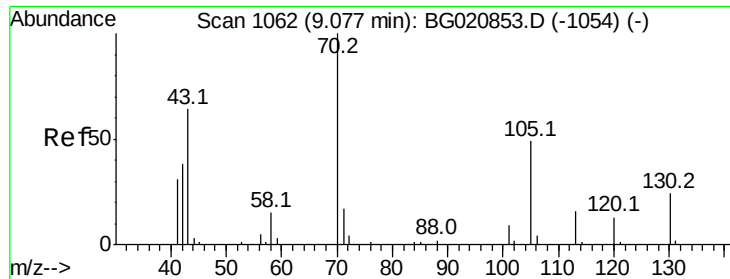
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2/12/2016 12:33:02 PM



#18
Hexachloroethane
Concen: 0.55 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	117	Resp	321
Ion	Ratio	Lower	Upper
117	100		
119	124.3	79.6	119.4#
201	105.9	74.5	111.7





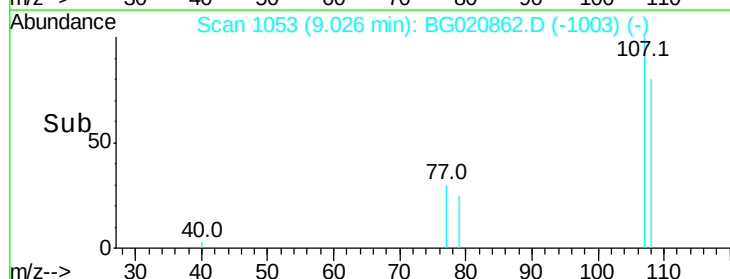
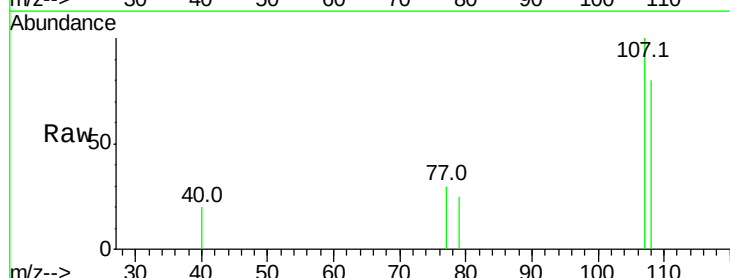
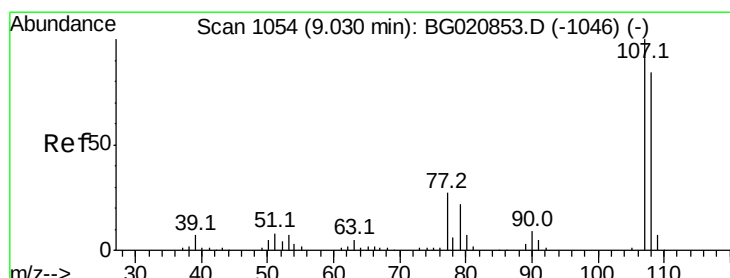
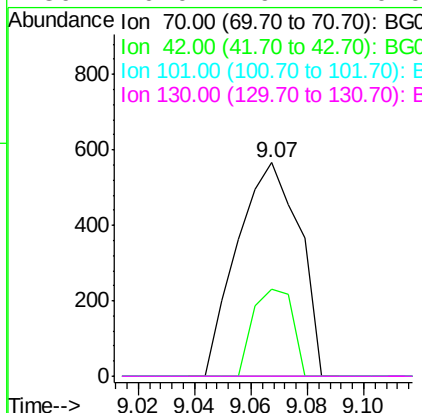
#19
n-Nitroso-di-n-propylamine
Concen: 0.72 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.0	30.9	46.3
101	0.0	7.3	10.9#
130	0.0	19.4	29.0#

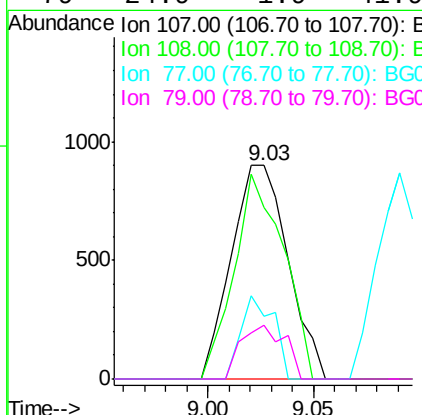
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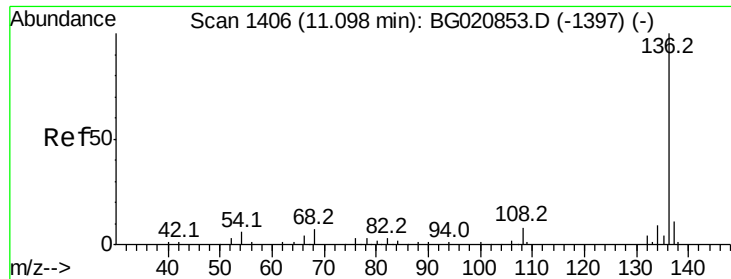
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#20
3+4-Methylphenols
Concen: 0.85 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.1	64.4	104.4
77	29.7	7.1	47.1
79	24.9	1.9	41.9





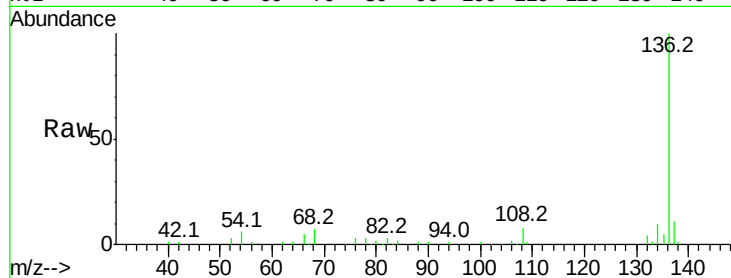
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

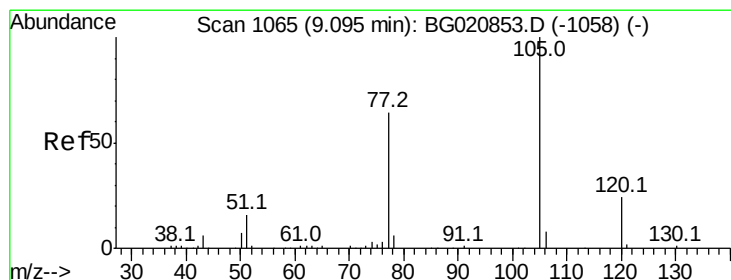
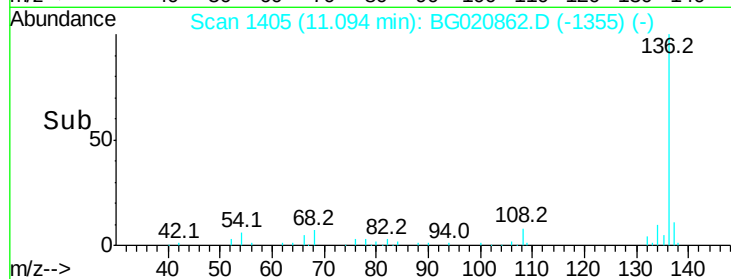
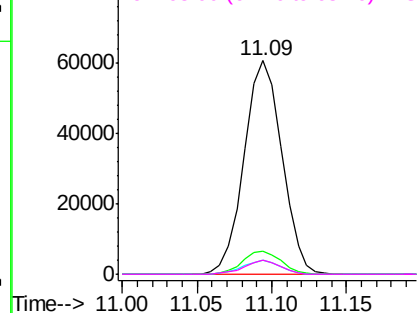
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	6.3	5.0	7.4	
68	6.6	5.2	7.8	

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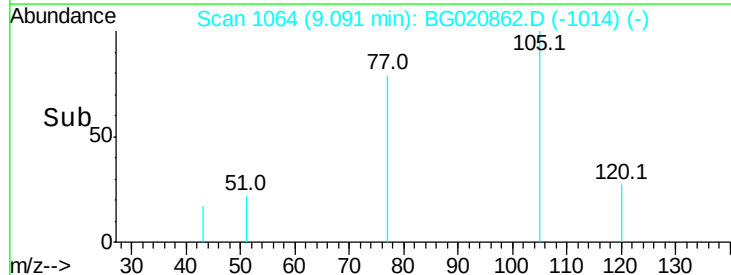
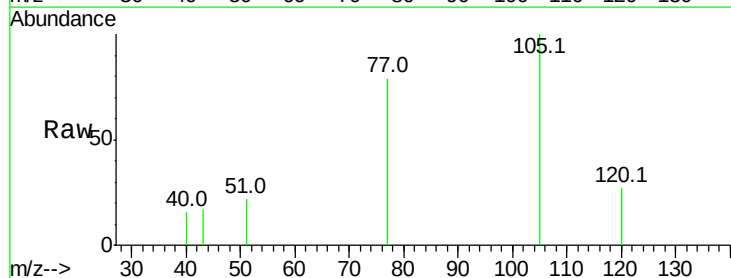
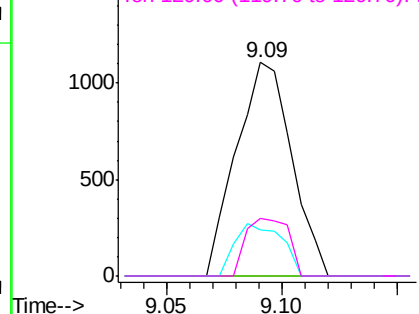
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

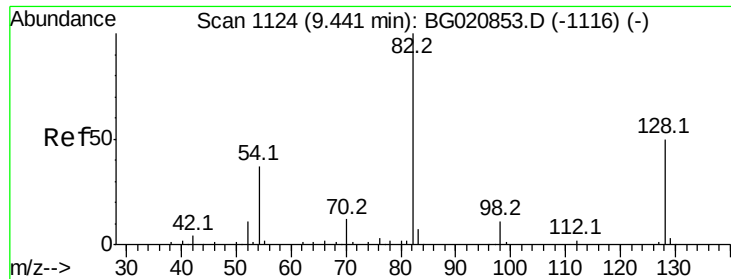


#22
Acetophenone
Concen: 0.72 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	1.4	2.0#	
51	21.7	13.7	20.5#	
120	26.8	19.0	28.6	

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





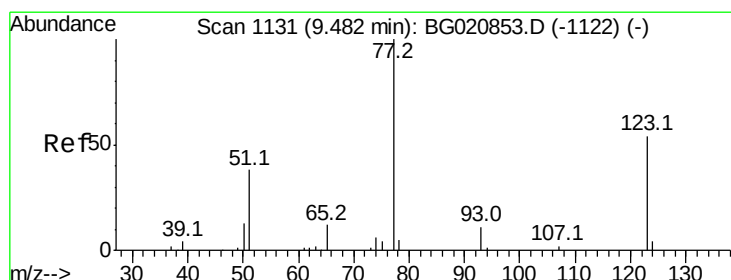
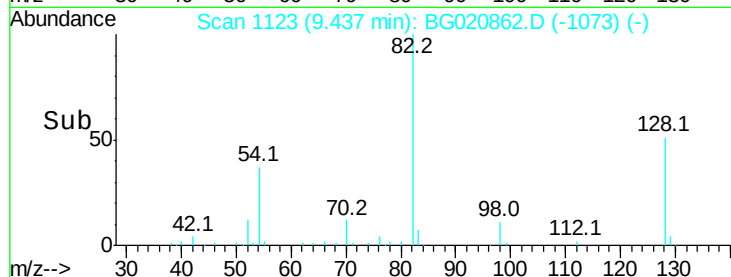
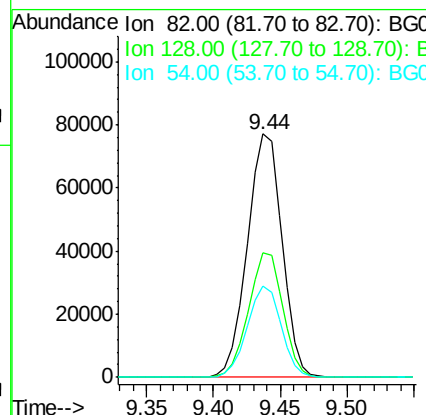
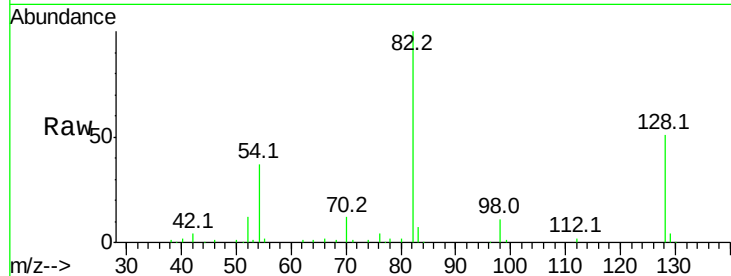
#23
Nitrobenzene-d5
Concen: 85.56 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampled :
LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.3	40.1	60.1	
54	37.3	29.5	44.3	

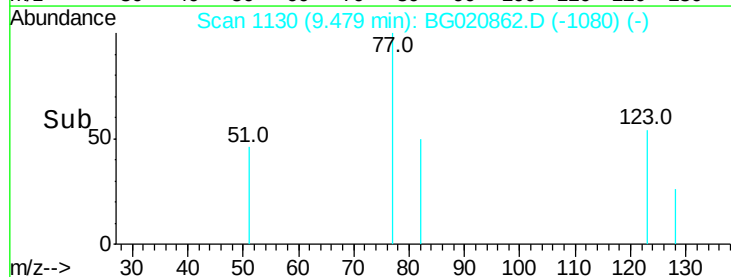
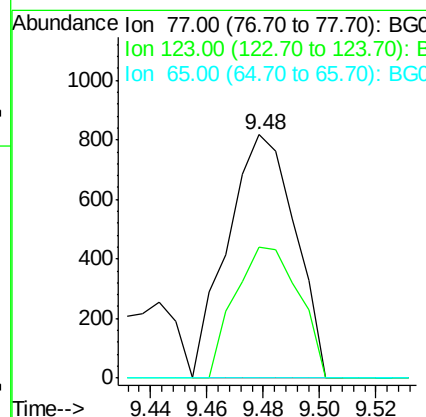
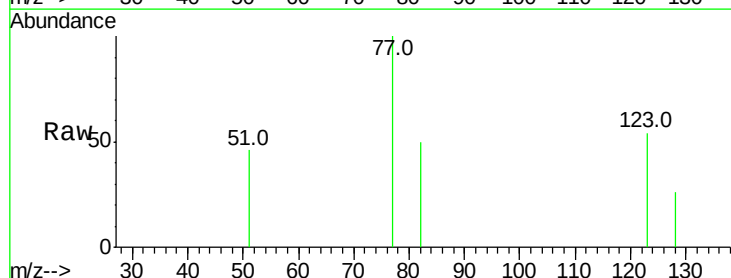
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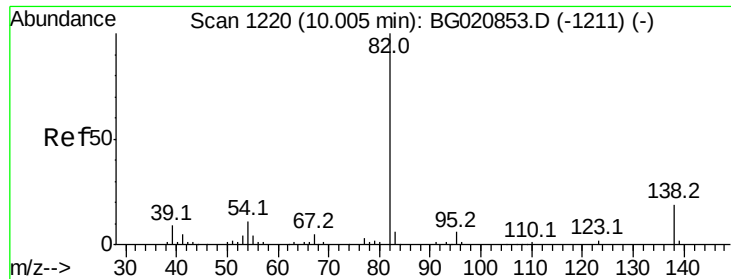
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#24
Nitrobenzene
Concen: 0.80 ng
RT: 9.48 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.5	43.2	64.8	
65	0.0	9.2	13.8#	





#25

Isophorone

Concen: 0.80 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

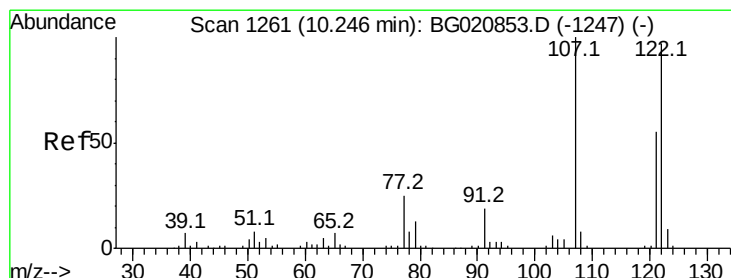
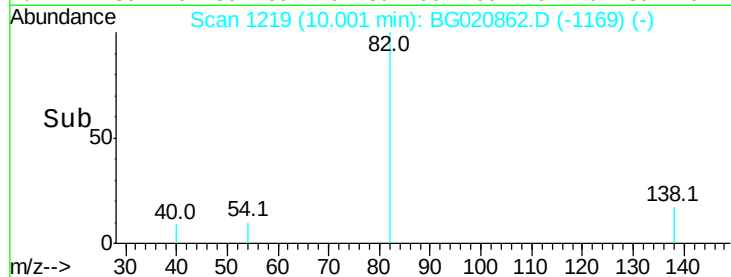
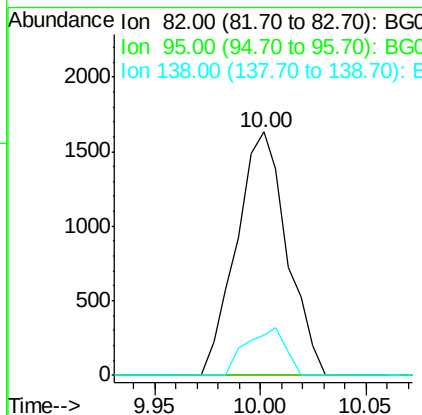
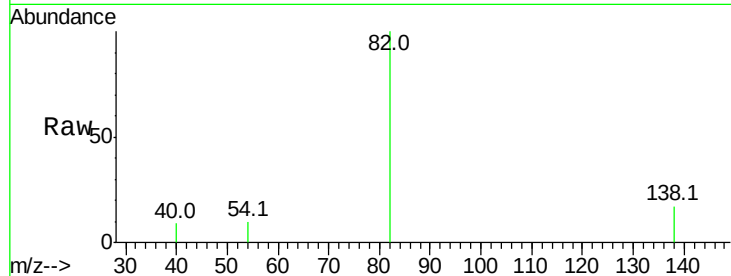
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	82	Resp:	2707
Ion Ratio	Lower	Upper	
82	100		
95	0.0	4.8	7.2#
138	16.5	15.4	23.0

Manual Integrations
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#27

2,4-Dimethylphenol

Concen: 0.57 ng

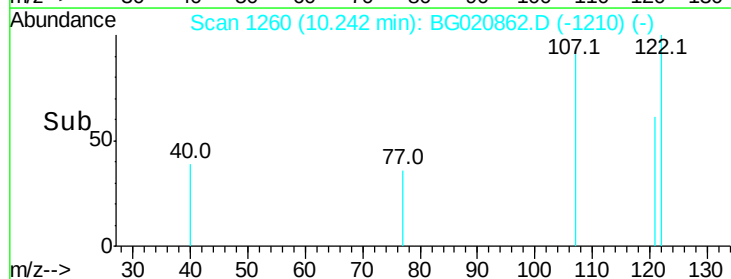
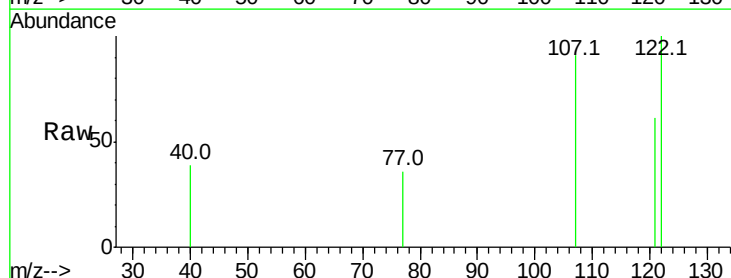
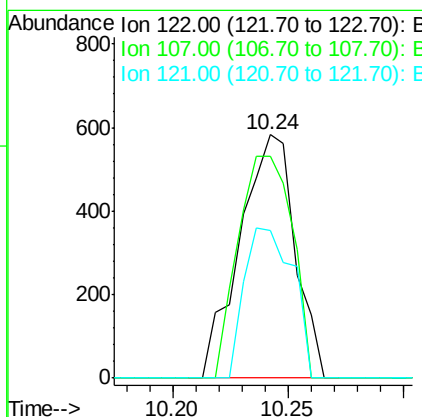
RT: 10.24 min Scan# 1260

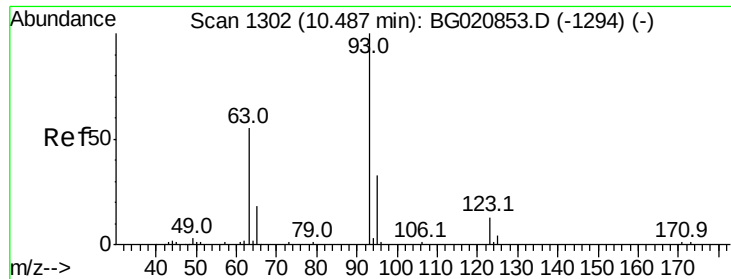
Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	122	Resp:	970
Ion Ratio	Lower	Upper	
122	100		
107	91.3	82.6	124.0
121	60.5	45.6	68.4





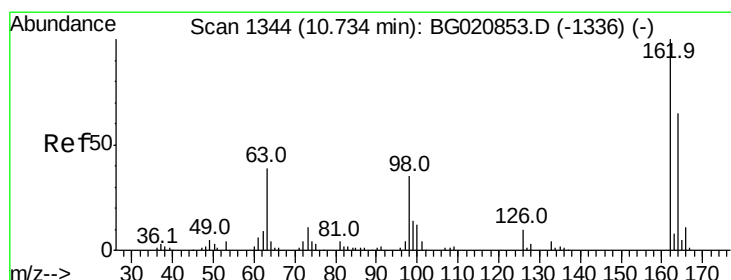
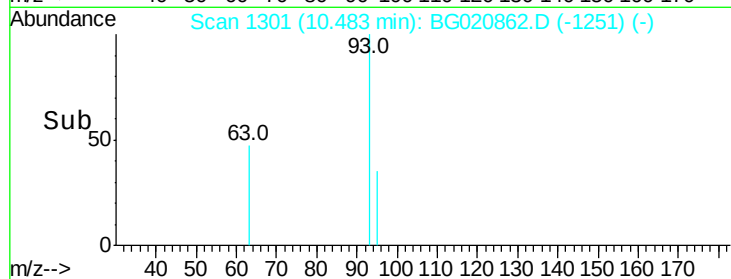
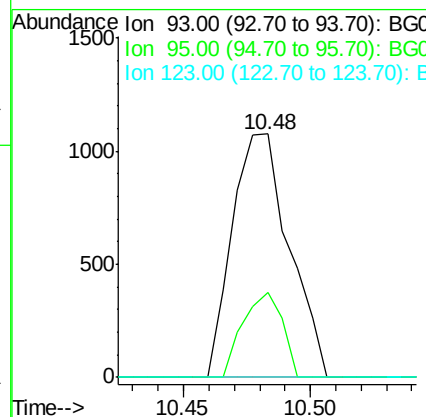
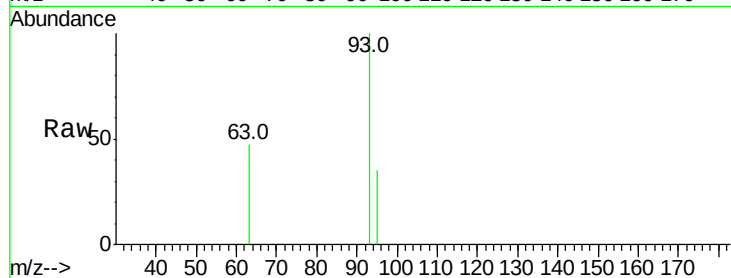
#28
bis(2-Chloroethoxy)methane
Concen: 0.80 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
93	100		
95	34.6	26.2	39.2
123	0.0	10.0	15.0

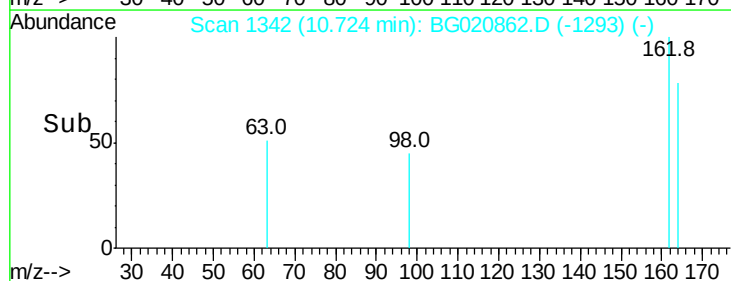
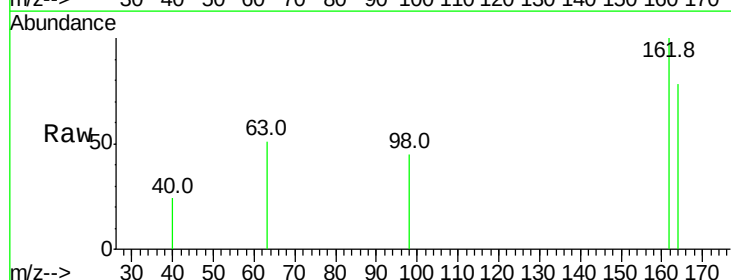
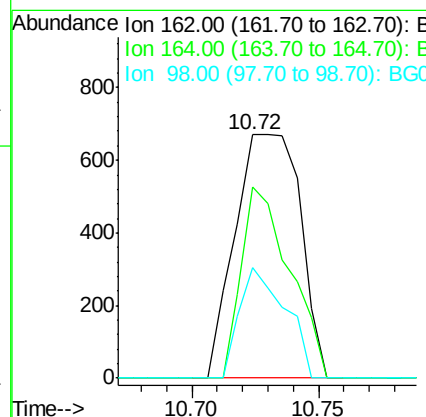
Manual Integrations
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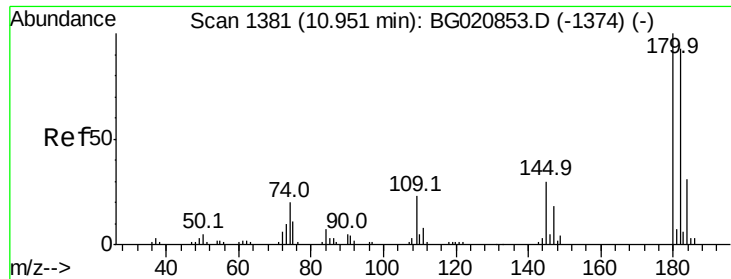
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#29
2,4-Dichlorophenol
Concen: 0.79 ng
RT: 10.72 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
162	100		
164	78.4	44.5	84.5
98	45.2	14.9	54.9





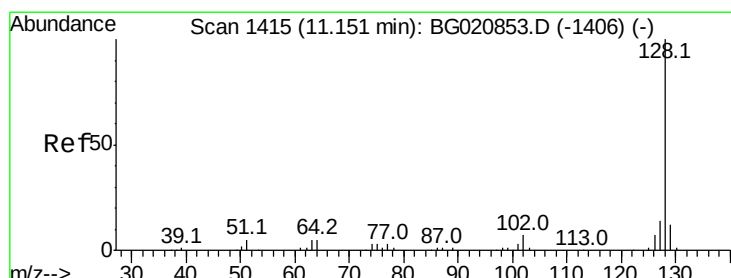
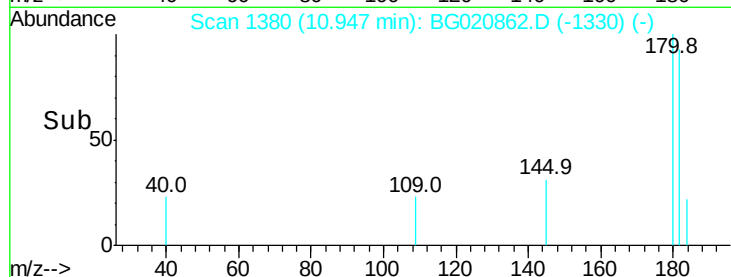
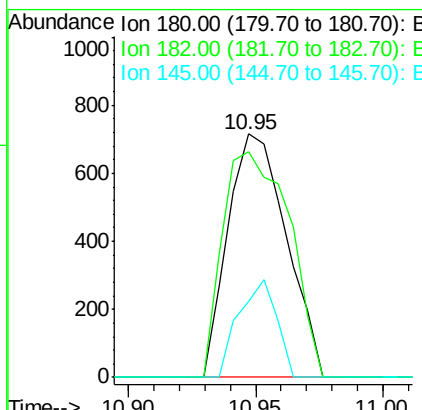
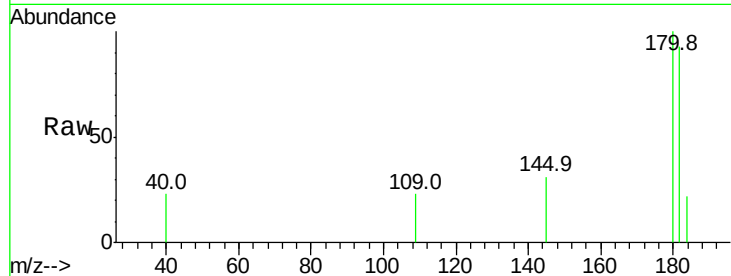
#30
 1,2,4-Trichlorobenzene
 Concen: 0.75 ng
 RT: 10.95 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	74.1	111.1
145	31.1	24.1	36.1

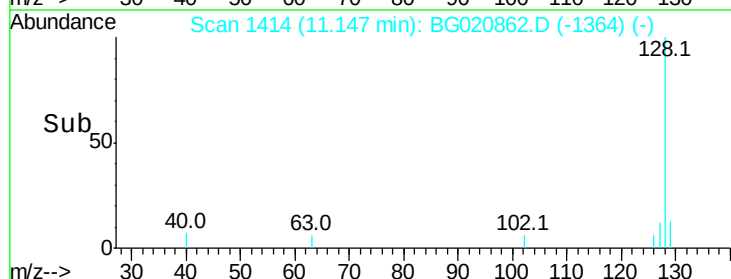
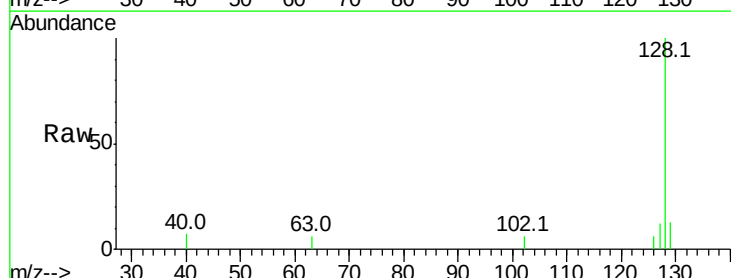
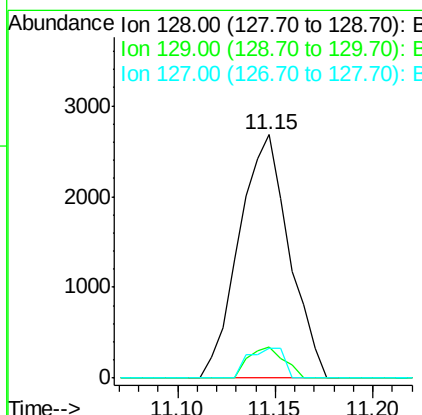
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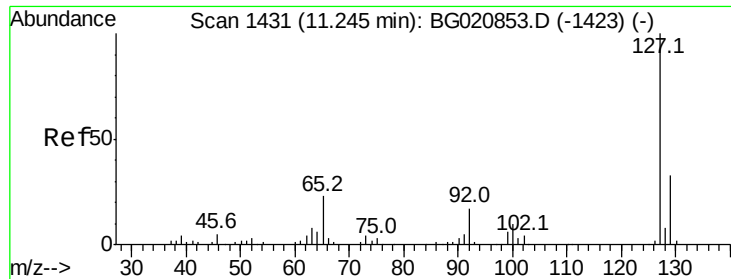
Sohil
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#31
 Naphthalene
 Concen: 0.86 ng
 RT: 11.15 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	12.4	11.4	17.2





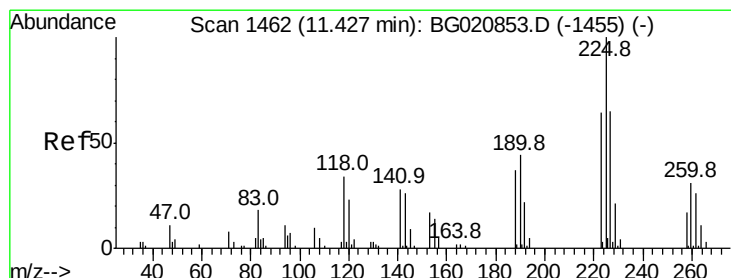
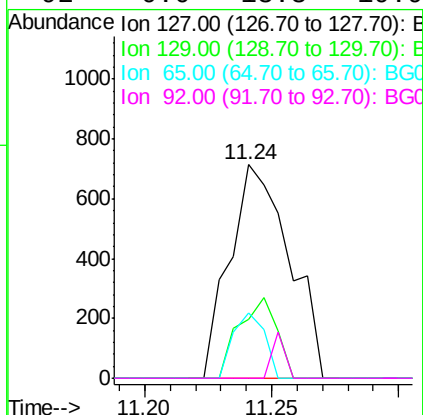
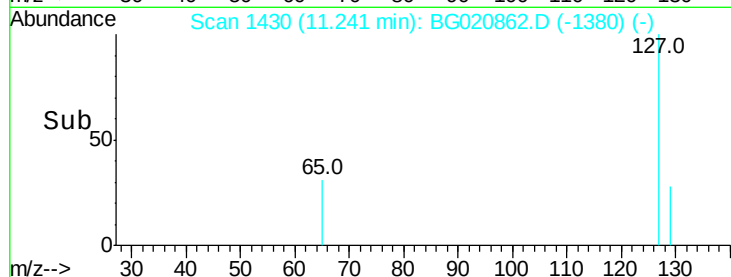
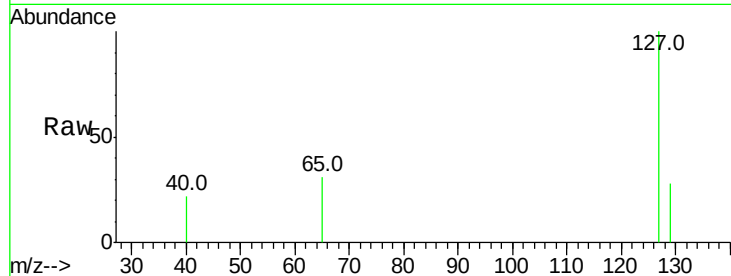
#33
4-Chloroaniline
Concen: 0.50 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.6	26.2	39.4
65	30.7	18.6	27.8#
92	0.0	13.3	19.9#

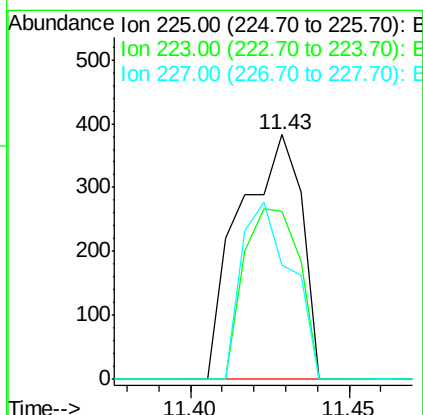
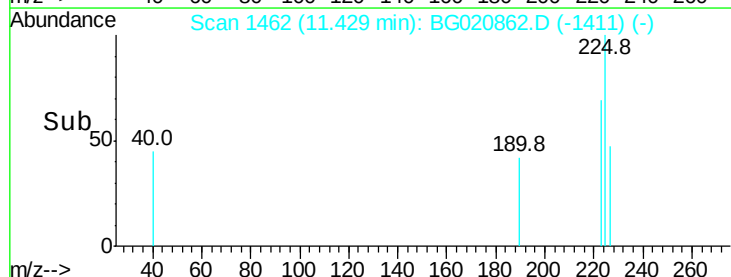
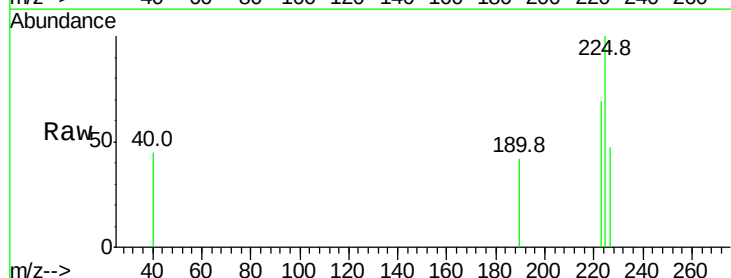
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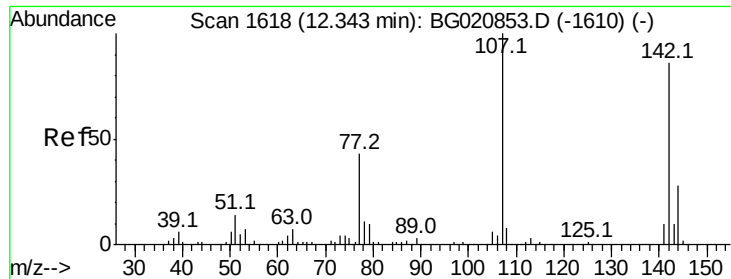
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#34
Hexachlorobutadiene
Concen: 0.66 ng
RT: 11.43 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.7	51.0	76.6
227	46.7	51.7	77.5#





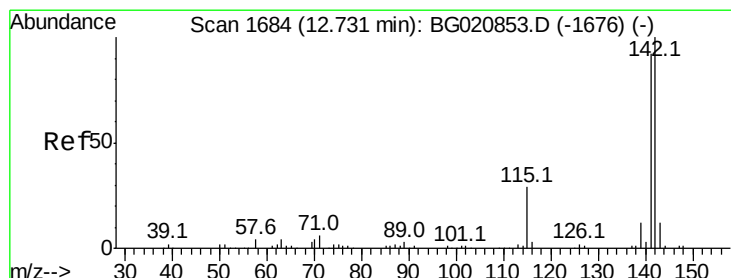
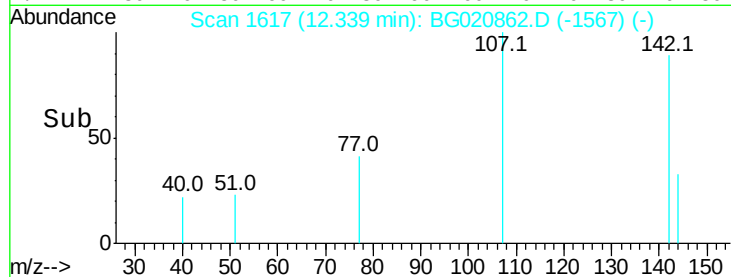
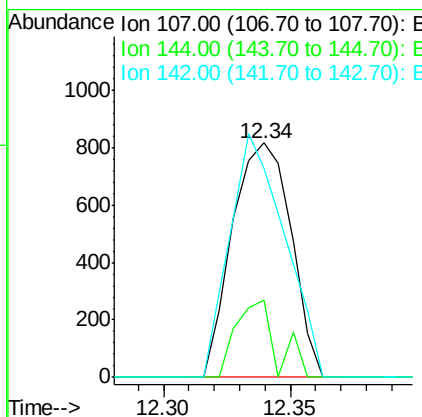
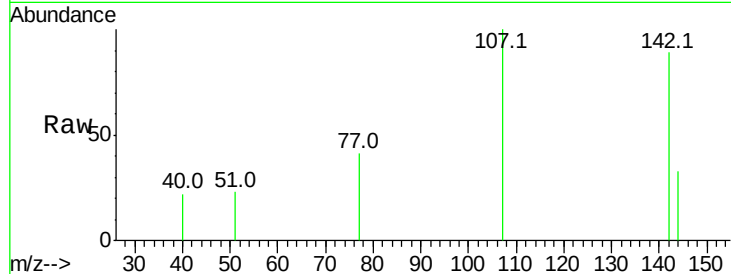
#36
 4-Chloro-3-methylphenol
 Concen: 0.75 ng
 RT: 12.34 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
107	100		
144	33.1	22.4	33.6
142	89.1	68.6	103.0

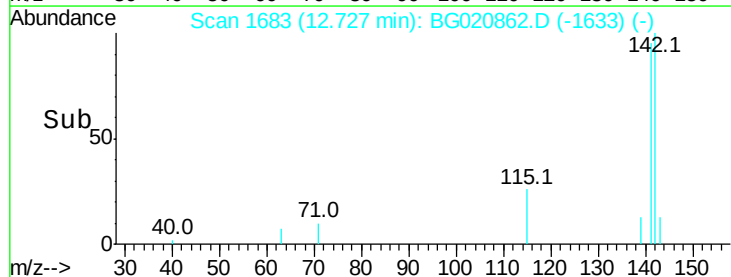
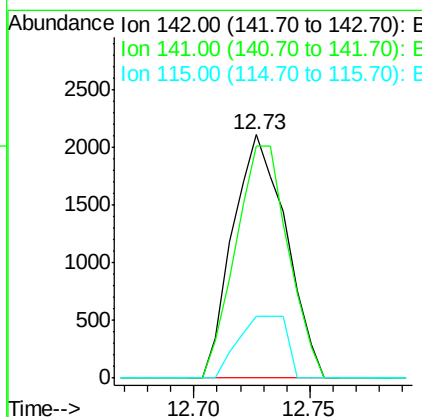
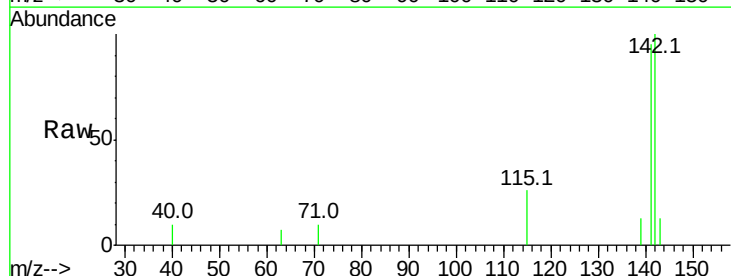
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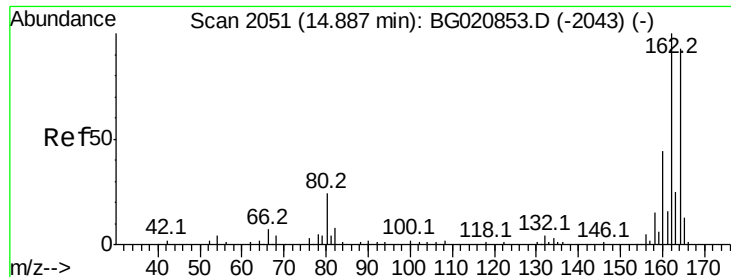
Sohil
 2/12/2016 12:33:02 PM



#37
 2-Methylnaphthalene
 Concen: 0.88 ng
 RT: 12.73 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	73.4	110.2
115	25.6	23.0	34.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:164 Resp: 67729

Ion Ratio Lower Upper

164 100

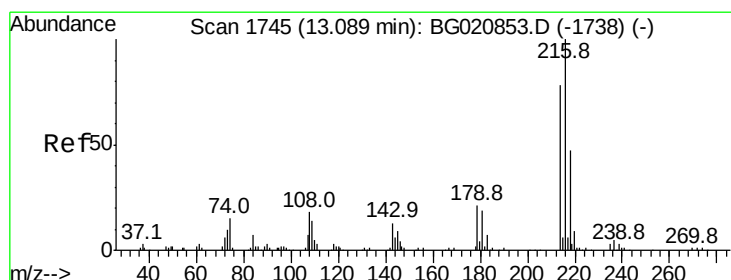
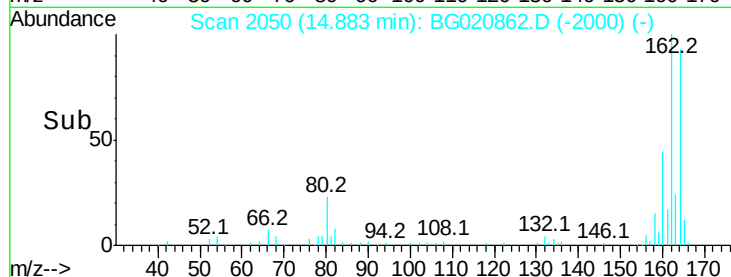
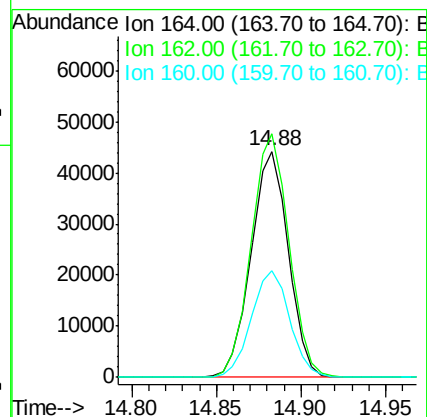
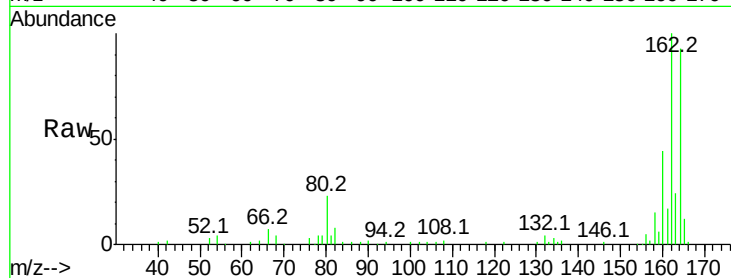
162 107.6 85.7 128.5

160 47.1 37.4 56.0

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.71 ng

RT: 13.09 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:216 Resp: 1415

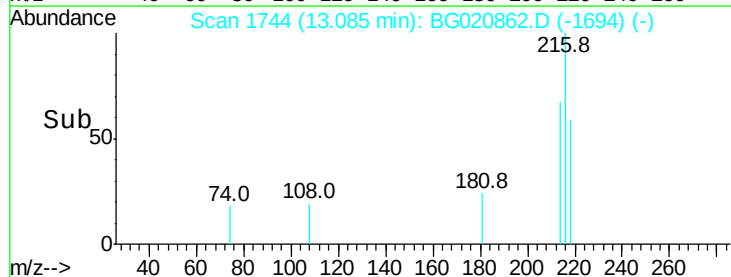
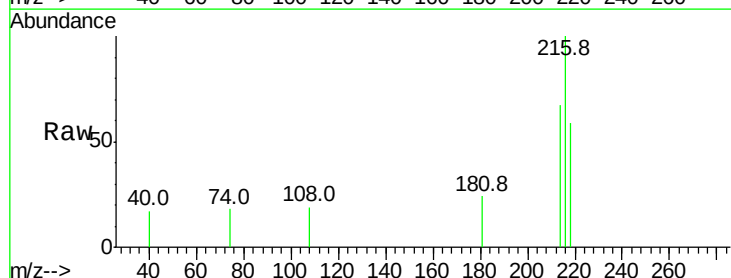
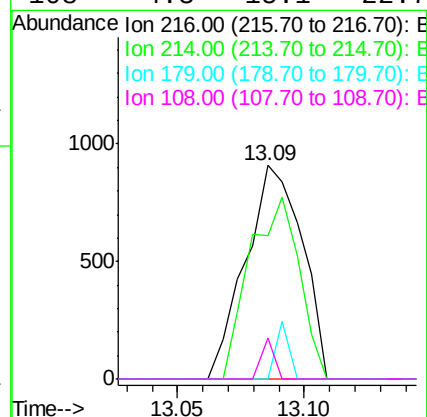
Ion Ratio Lower Upper

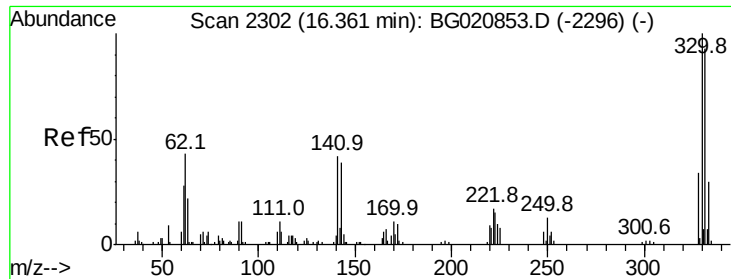
216 100

214 74.7 61.9 92.9

179 6.1 16.5 24.7#

108 4.3 15.1 22.7#





#41

2,4,6-Tribromophenol

Concen: 144.31 ng

RT: 16.36 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

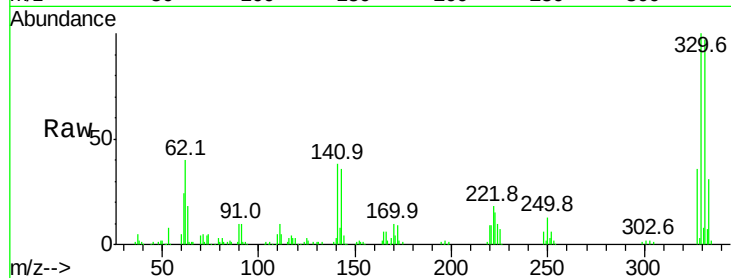
ClientSampleId :

LOD-SOIL2016-01

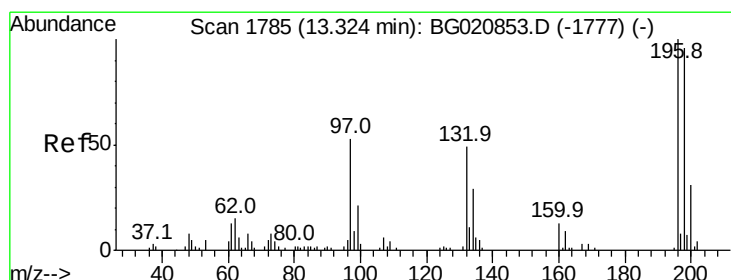
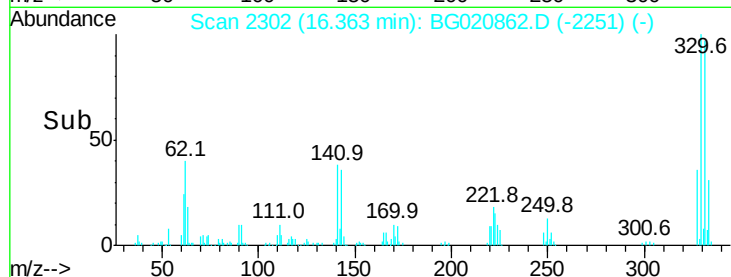
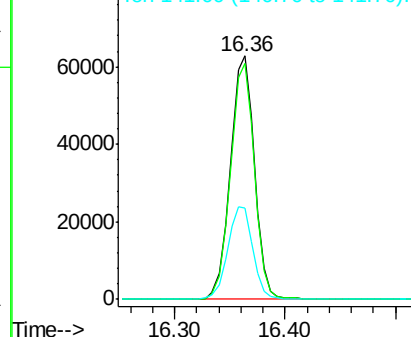
Tot Ion:	330	Resp:	96118
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.1	114.1
141	39.3	32.0	48.0

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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: 0.67 ng

RT: 13.32 min Scan# 1784

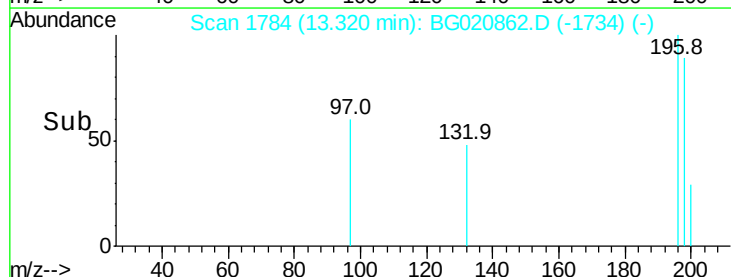
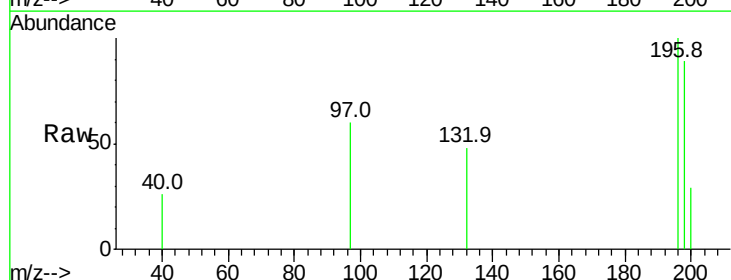
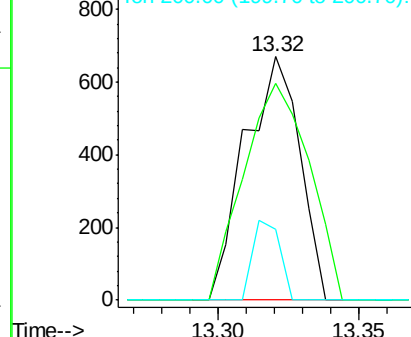
Delta R.T. -0.00 min

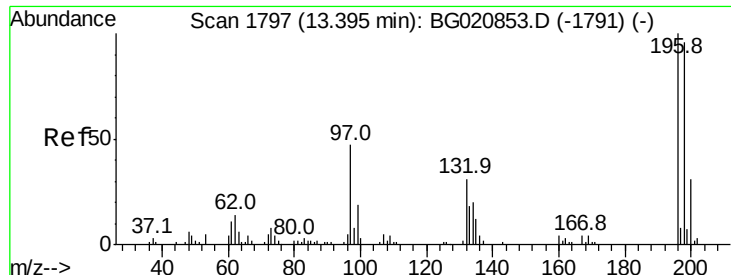
Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	196	Resp:	900
Ion Ratio	Lower	Upper	
196	100		
198	89.1	77.1	115.7
200	29.3	24.7	37.1

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





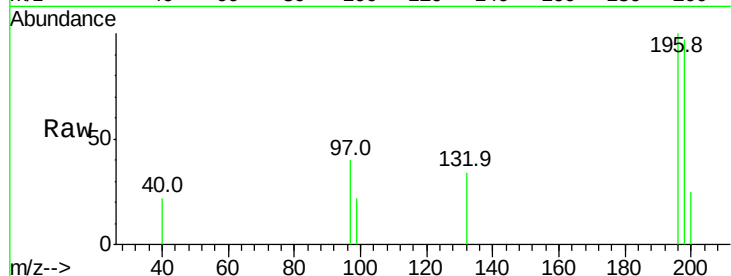
#43
 2,4,5-Trichlorophenol
 Concen: 0.76 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

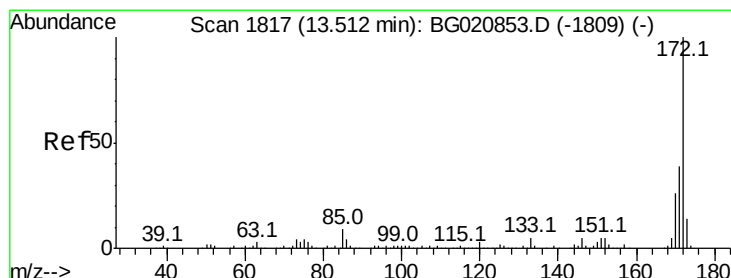
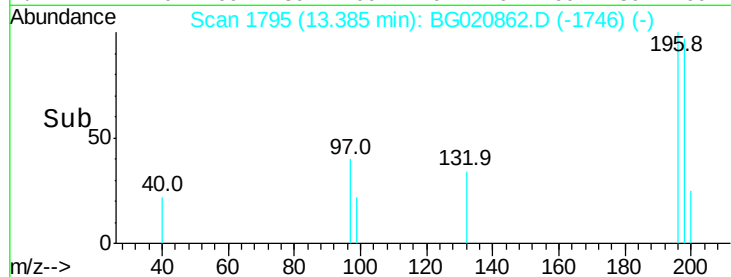
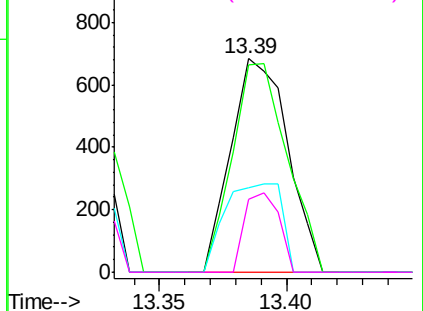
Tot Ion	196	Resp	1068
Ion Ratio	Lower	Upper	
196	100		
198	96.9	76.4	114.6
97	39.8	37.4	56.0
132	33.9	24.7	37.1

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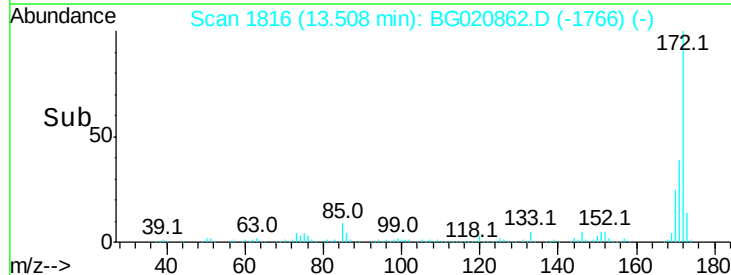
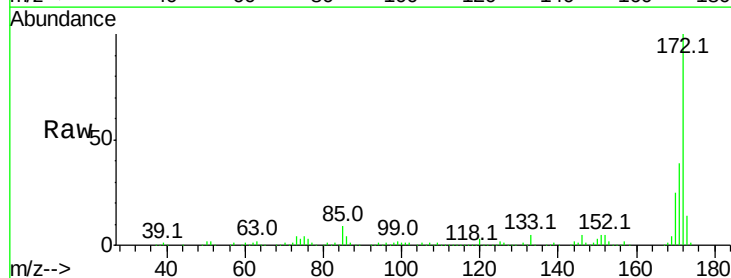
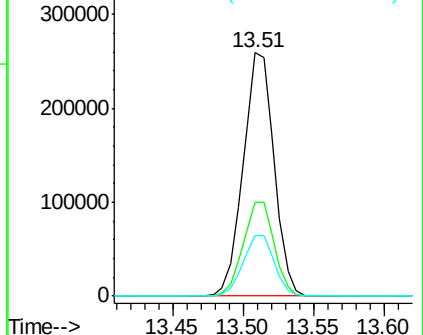
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

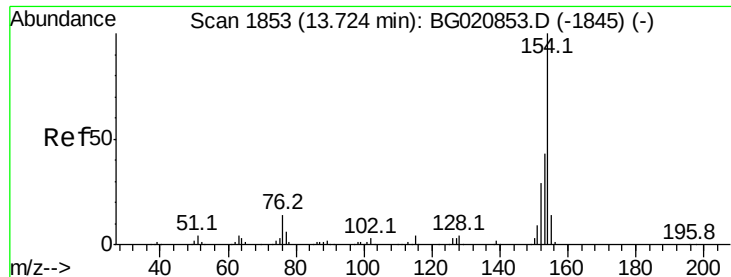


#44
 2-Fluorobiphenyl
 Concen: 82.26 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	172	Resp	396611
Ion Ratio	Lower	Upper	
172	100		
171	38.8	31.2	46.8
170	25.1	20.6	30.8

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: 13.72 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

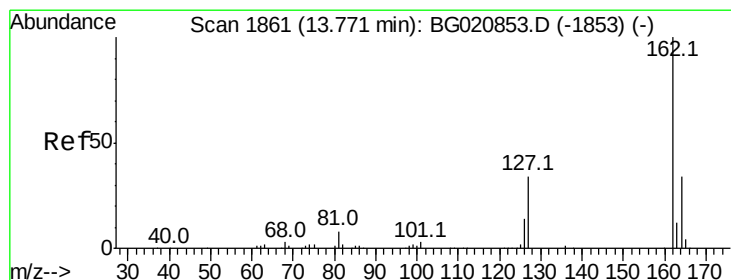
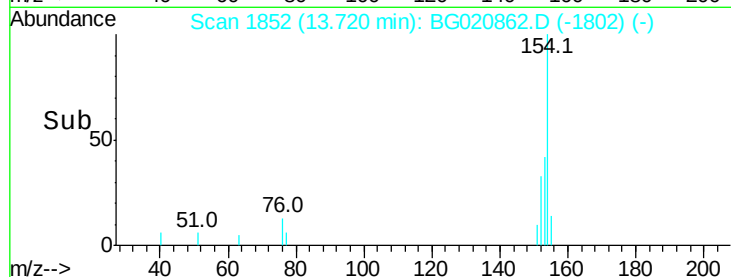
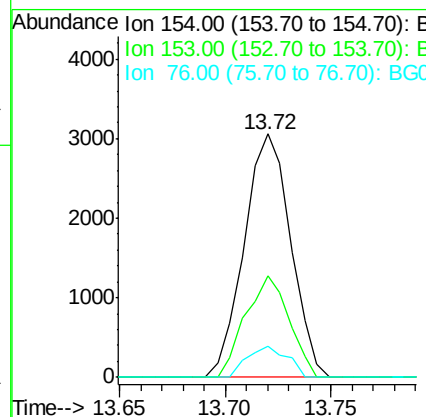
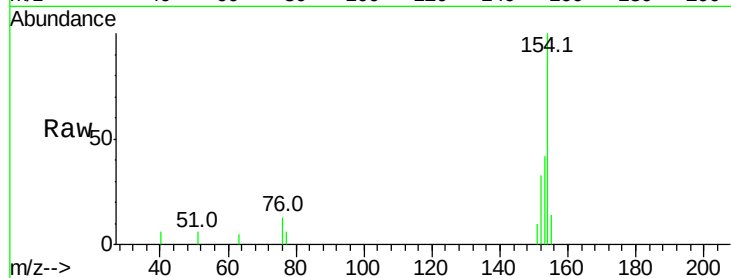
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	154	Resp:	4655
Ion Ratio	Lower	Upper	
154	100		
153	41.6	22.5	62.5
76	12.6	0.0	33.8

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#46

2-Chloronaphthalene

Concen: 0.76 ng

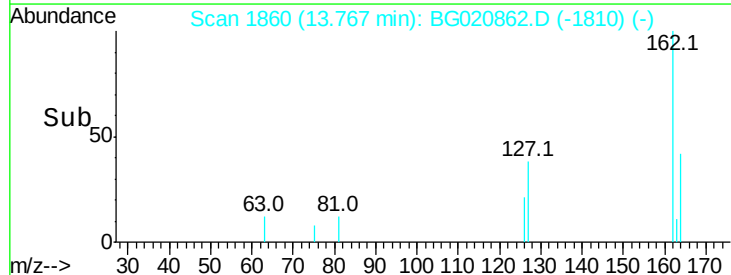
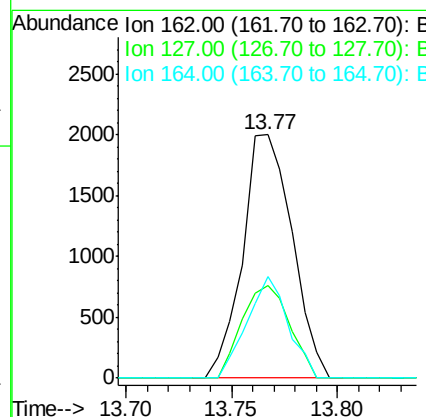
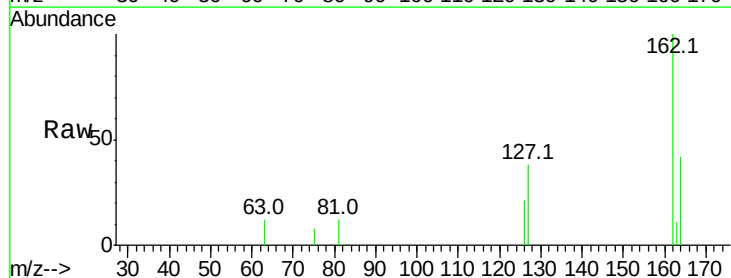
RT: 13.77 min Scan# 1860

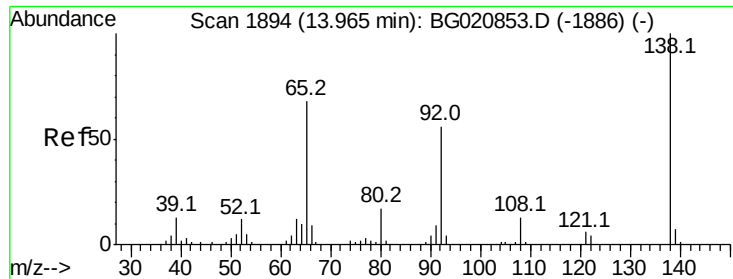
Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	162	Resp:	3254
Ion Ratio	Lower	Upper	
162	100		
127	38.0	30.6	45.8
164	41.6	26.8	40.2#





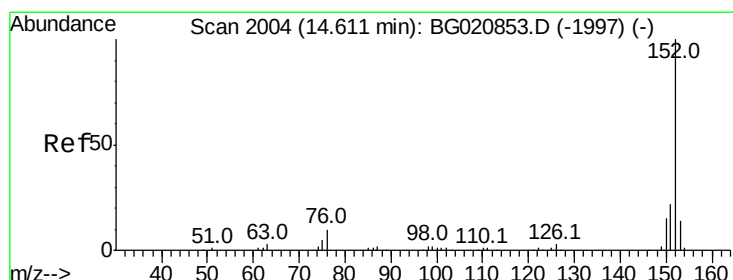
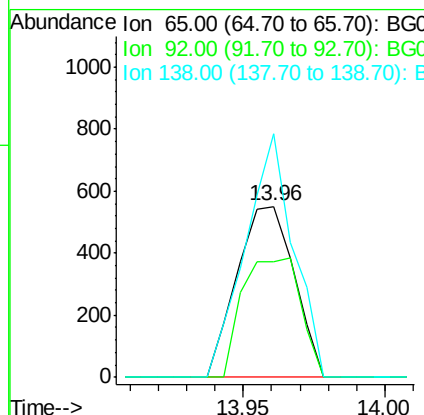
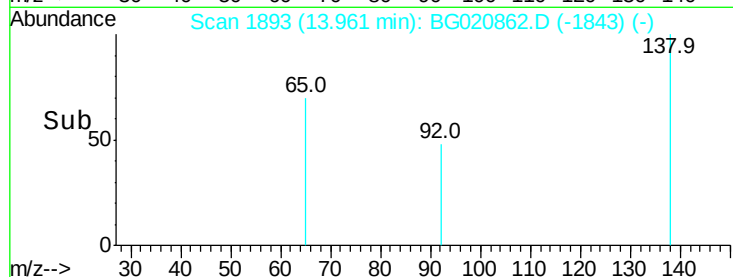
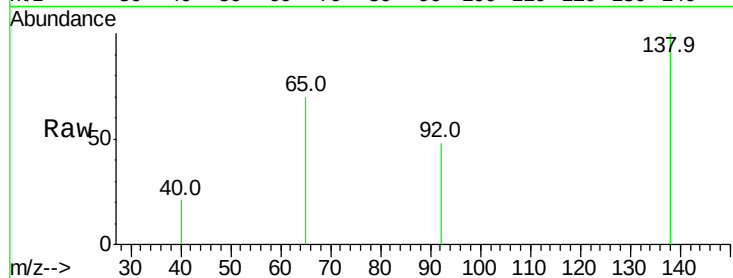
#47
2-Nitroaniline
Concen: 0.76 ng
RT: 13.96 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampled :
LOD-SOIL2016-01

Tot Ion: 65 Resp: 774
Ion Ratio Lower Upper
65 100
92 67.7 65.8 98.8
138 142.5 117.1 175.7

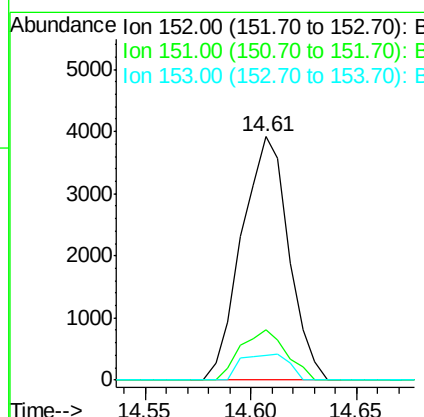
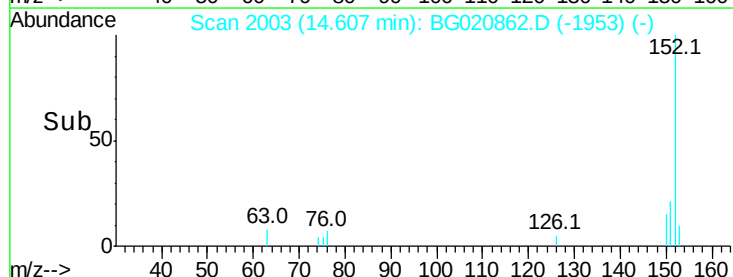
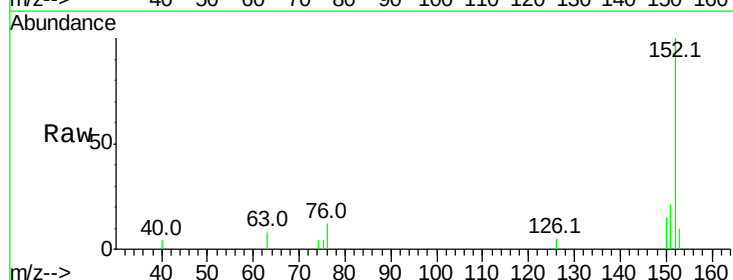
Manual Integrations
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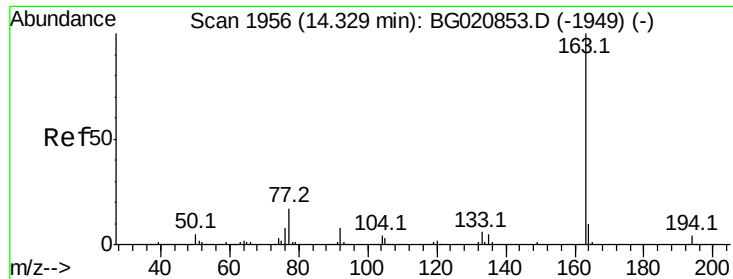
Sohil
2/12/2016 12:33:02 PM



#48
Acenaphthylene
Concen: 0.81 ng
RT: 14.61 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion: 152 Resp: 6031
Ion Ratio Lower Upper
152 100
151 20.7 17.5 26.3
153 10.3 10.9 16.3#





#49

Dimethylphthalate

Concen: 0.85 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

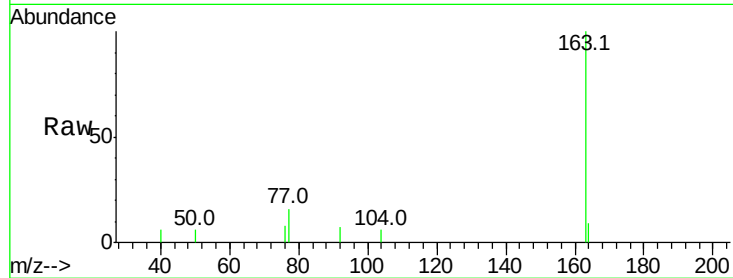
ClientSampleId :

LOD-SOIL2016-01

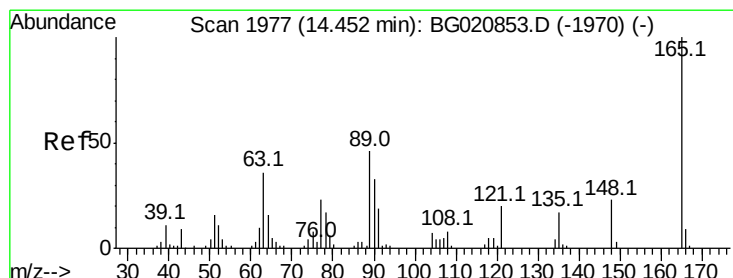
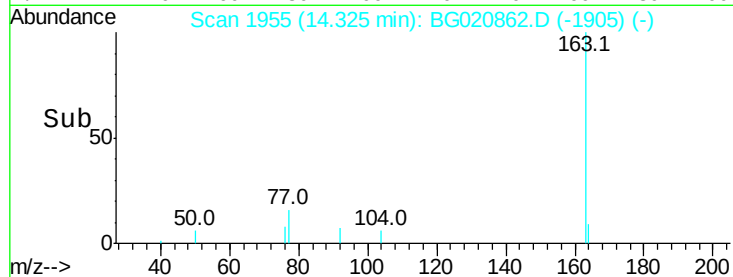
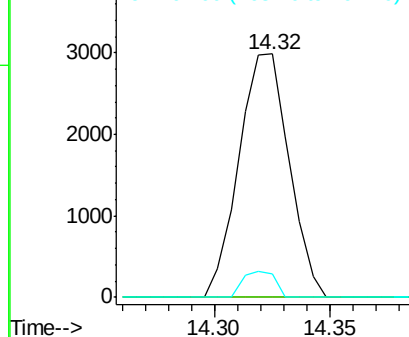
Tot Ion:	163	Resp:	4518
Ion Ratio	Lower	Upper	
163	100		
194	0.0	3.1	4.7#
164	9.4	8.3	12.5

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2/12/2016 12:33:02 PM



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: 0.59 ng

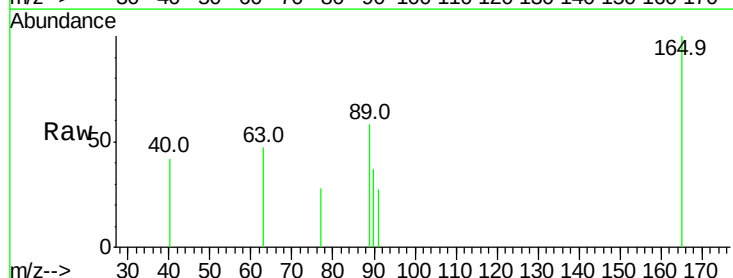
RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

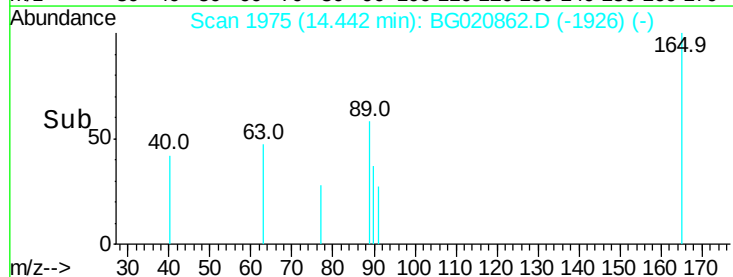
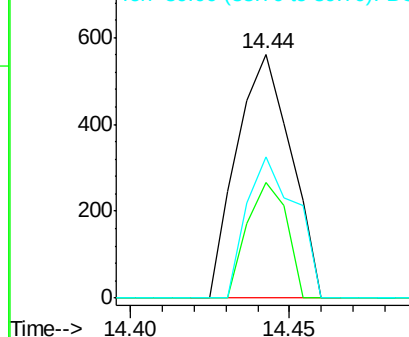
Lab File: BG020862.D

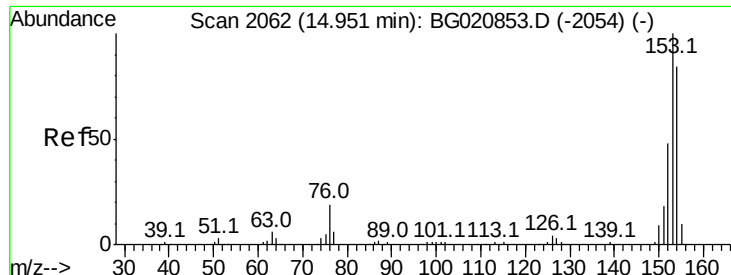
Acq: 11 Feb 2016 18:49

Tgt Ion:	165	Resp:	665
Ion Ratio	Lower	Upper	
165	100		
63	47.4	30.3	45.5#
89	57.8	36.9	55.3#



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: 0.76 ng

RT: 14.94 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

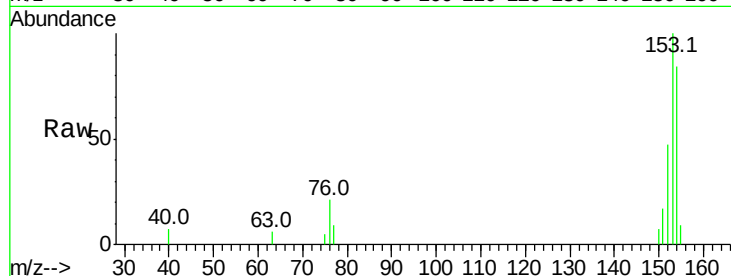
ClientSampleId :

LOD-SOIL2016-01

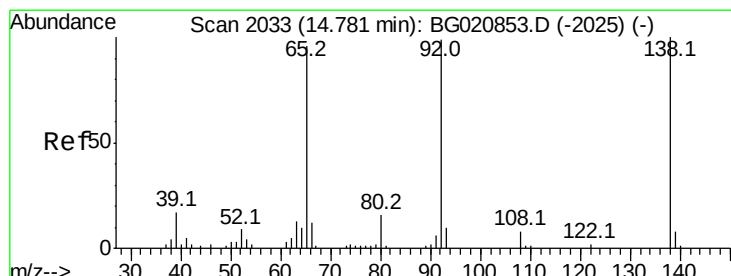
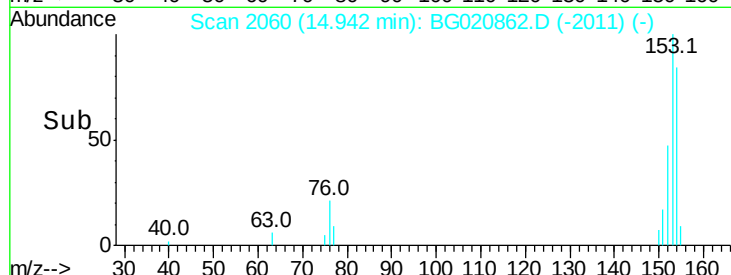
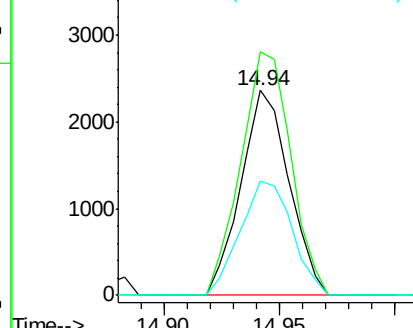
Tot Ion:	154	Resp:	3424
Ion	Ratio	Lower	Upper
154	100		
153	118.8	95.4	143.0
152	55.6	46.1	69.1

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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: 0.64 ng

RT: 14.77 min Scan# 2031

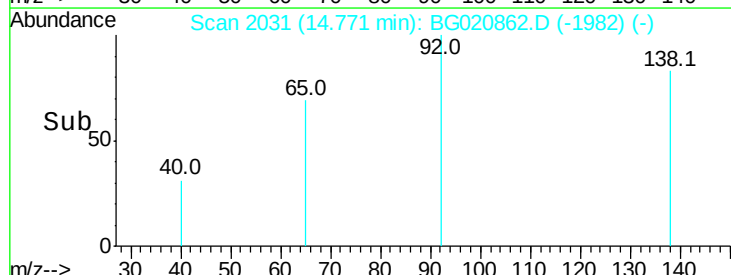
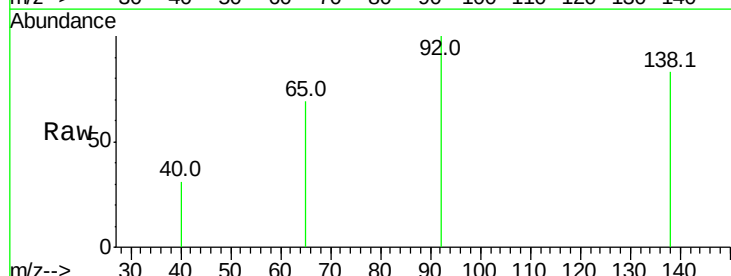
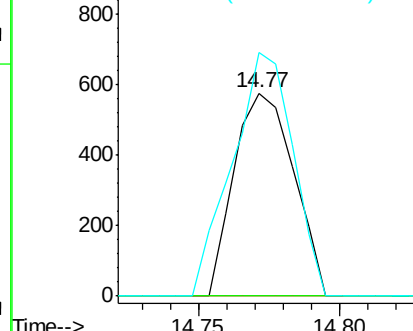
Delta R.T. -0.01 min

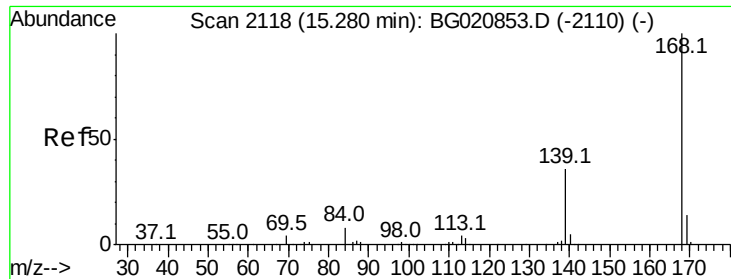
Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	138	Resp:	843
Ion	Ratio	Lower	Upper
138	100		
108	0.0	6.2	9.2#
92	120.0	79.5	119.3#

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): BGO





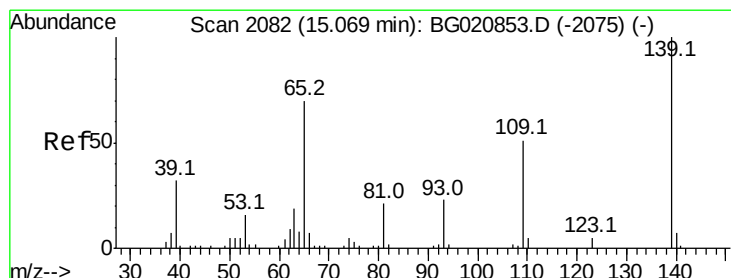
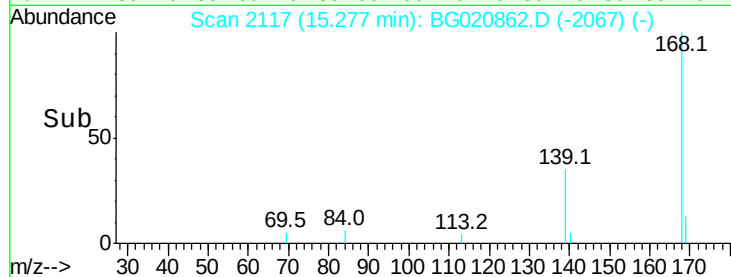
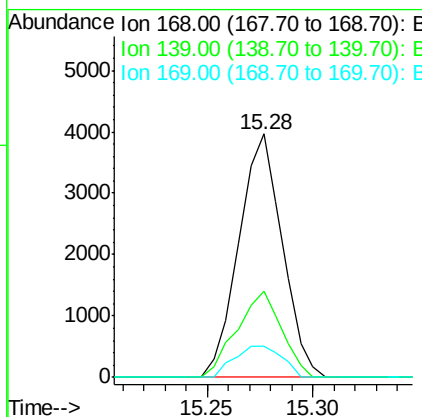
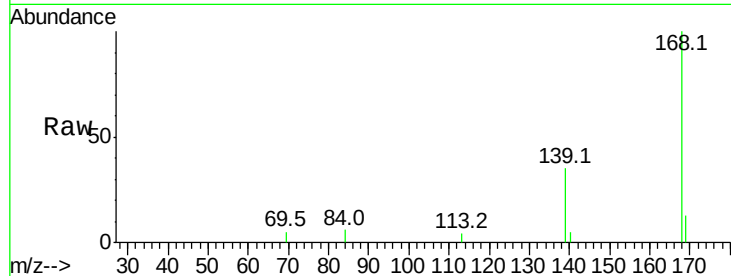
#54
Dibenzenofuran
Concen: 0.95 ng
RT: 15.28 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:	168	Resp:	5647
Ion Ratio	Lower	Upper	
168	100		
139	35.3	28.5	42.7
169	12.8	11.0	16.4

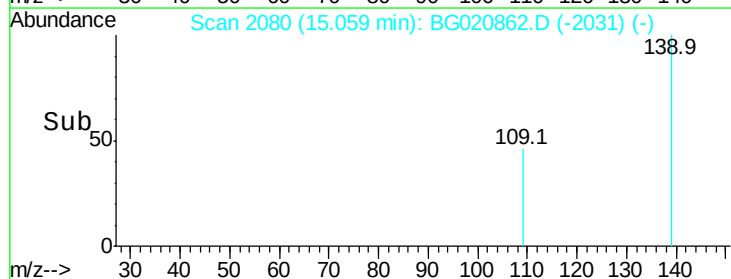
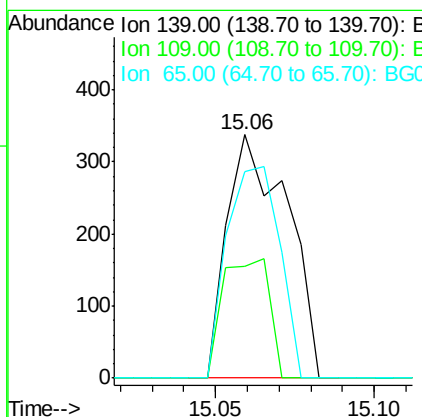
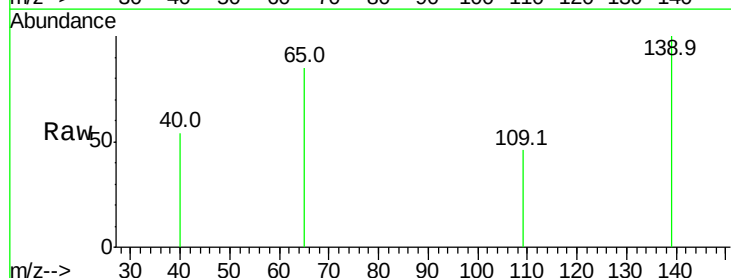
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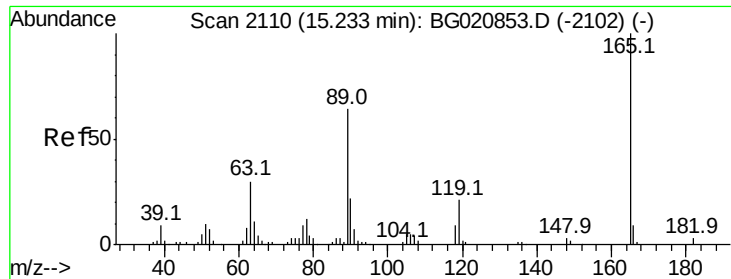
Sohil
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#55
4-Nitrophenol
Concen: 0.45 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion:	139	Resp:	445
Ion Ratio	Lower	Upper	
139	100		
109	45.9	31.0	71.0
65	84.9	49.6	89.6





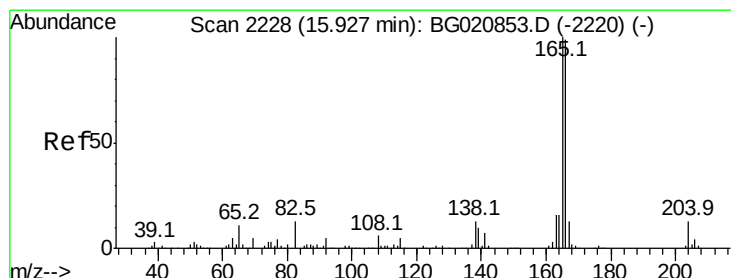
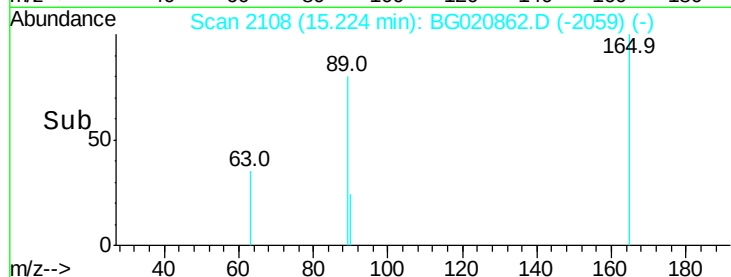
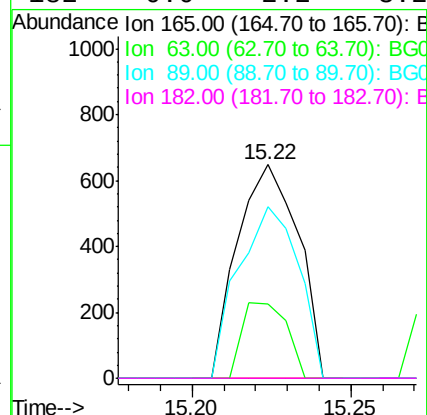
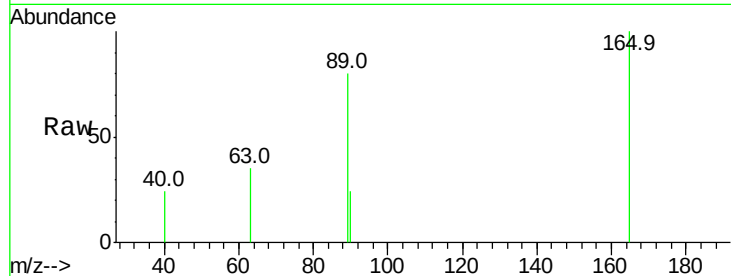
#56
2,4-Dinitrotoluene
Concen: 0.59 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.9	23.7	35.5
89	80.4	50.9	76.3#
182	0.0	2.2	3.2#

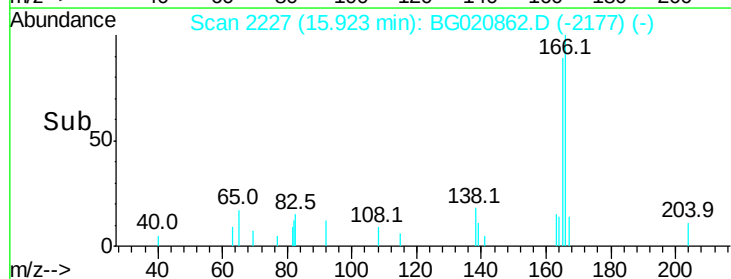
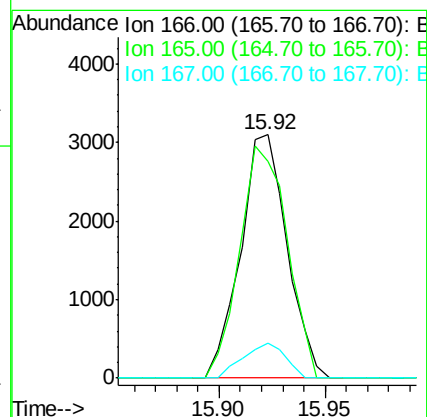
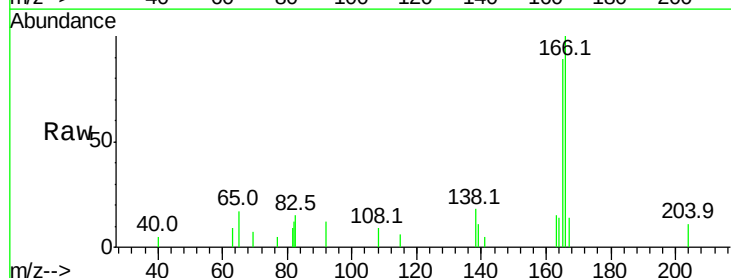
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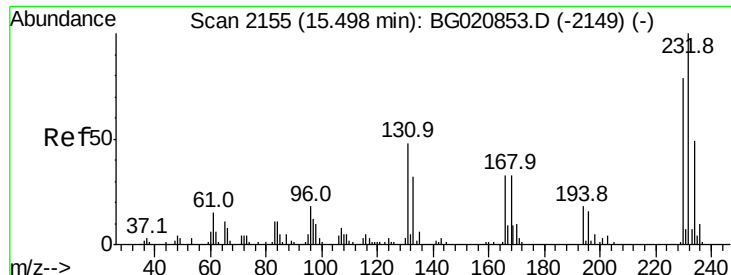
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2/12/2016 12:33:02 PM



#57
Fluorene
Concen: 0.86 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	89.0	81.0	121.4
167	14.3	10.8	16.2





#58

2,3,4,6-Tetrachlorophenol

Concen: 0.77 ng

RT: 15.49 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:232 Resp: 820

Ion Ratio Lower Upper

232 100

131 37.8 39.2 58.8#

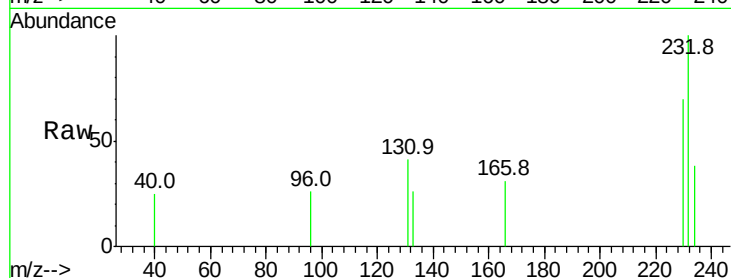
130 0.0 2.0 3.0#

166 26.2 25.8 38.8

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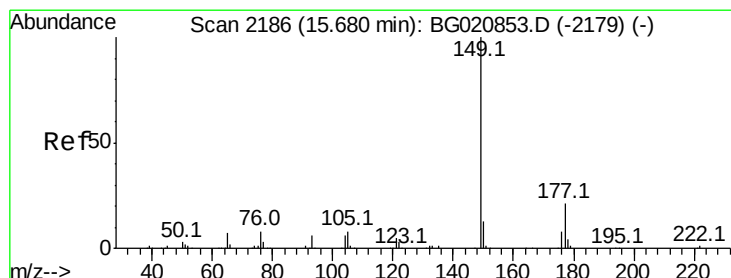
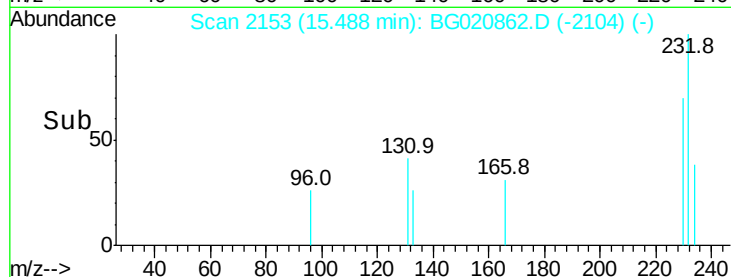
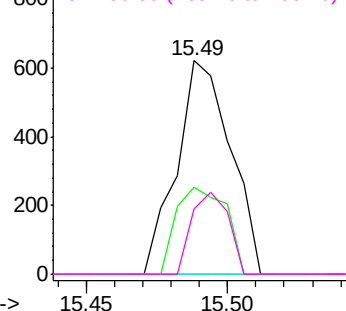


Abundance Ion 232.00 (231.70 to 232.70): E

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: 0.85 ng

RT: 15.67 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

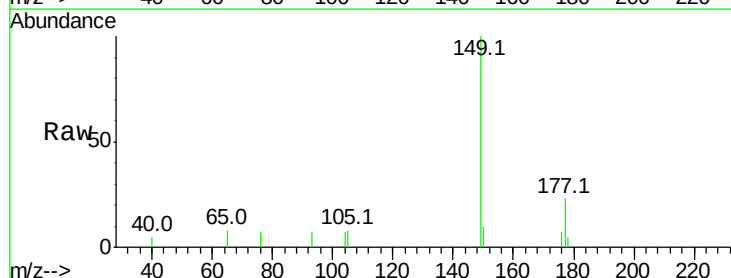
Tgt Ion:149 Resp: 4631

Ion Ratio Lower Upper

149 100

177 23.0 16.9 25.3

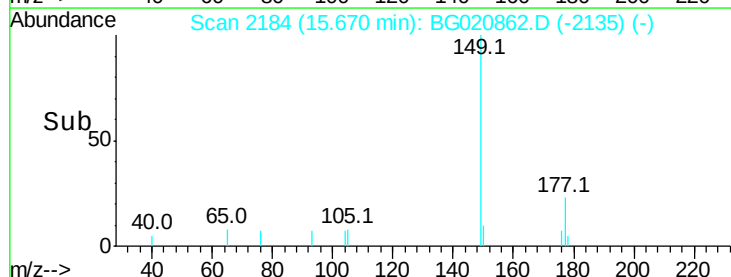
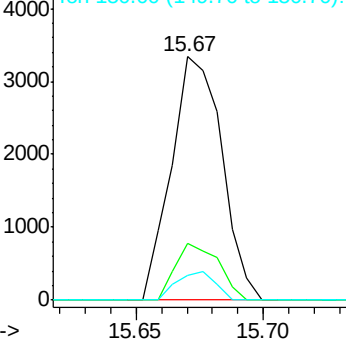
150 10.1 10.1 15.1

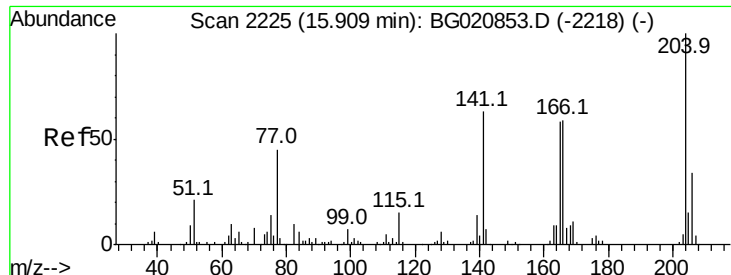


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





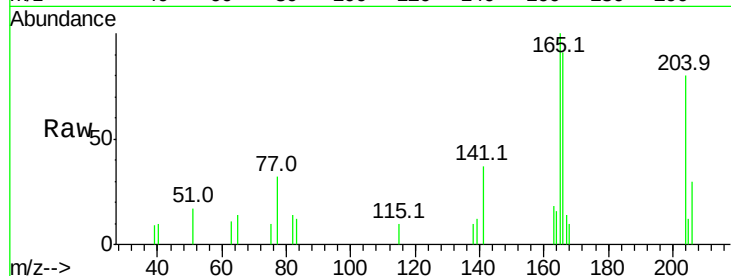
#60
 4-Chlorophenyl-phenylether
 Concen: 0.77 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

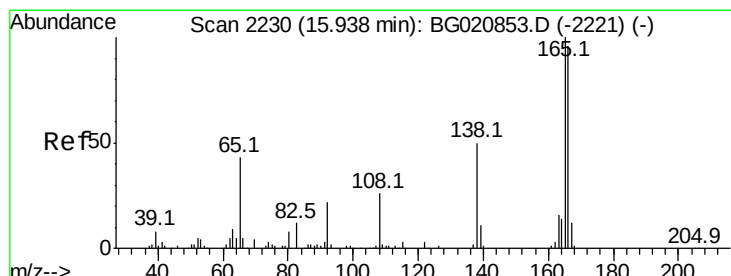
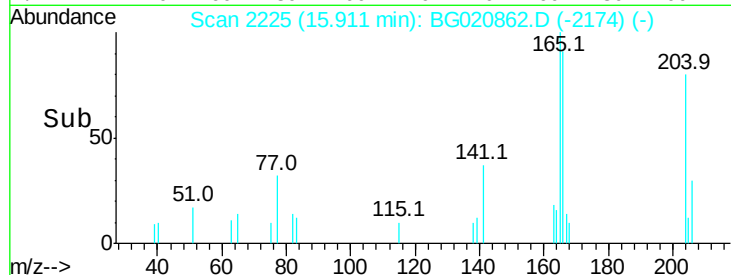
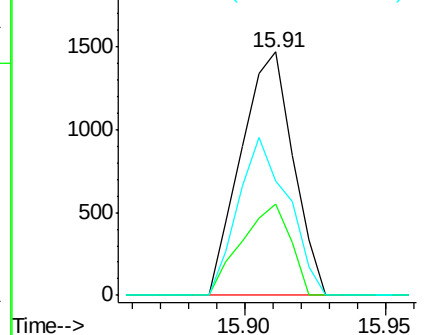
Tot Ion	Ratio	Lower	Upper
204	100		
206	37.3	26.9	40.3
141	46.8	50.3	75.5#

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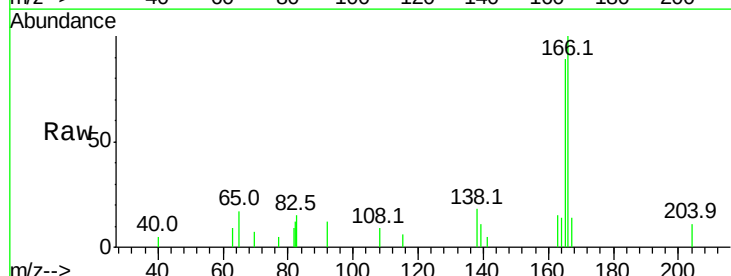


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

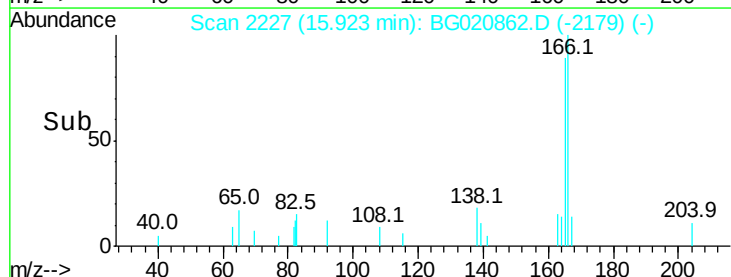
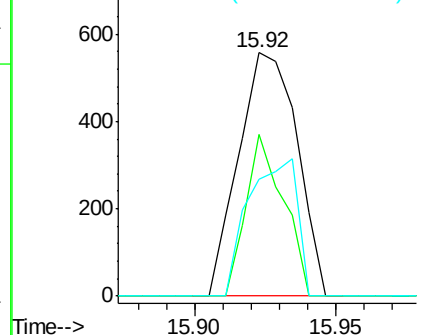


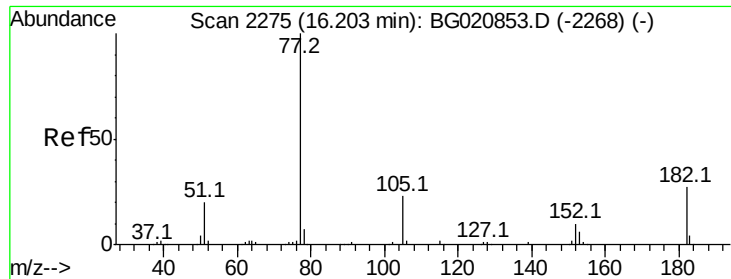
#61
 4-Nitroaniline
 Concen: 0.60 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.1	24.1	64.1#
108	48.0	32.4	72.4



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: 0.94 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

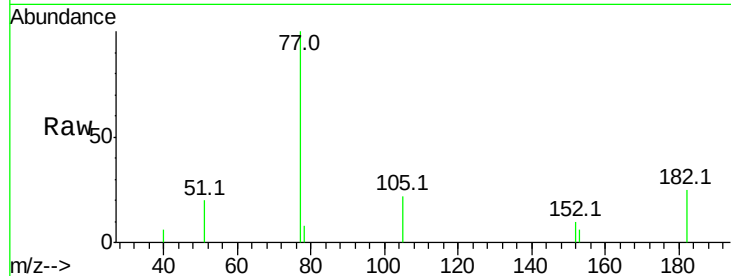
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	77	Resp:	4031
Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.8	46.8
105	21.8	3.4	43.4
51	20.3	0.0	39.9

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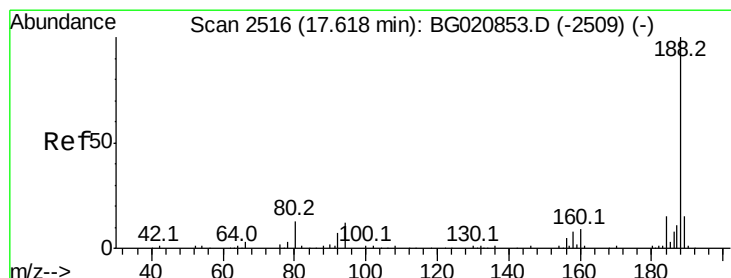
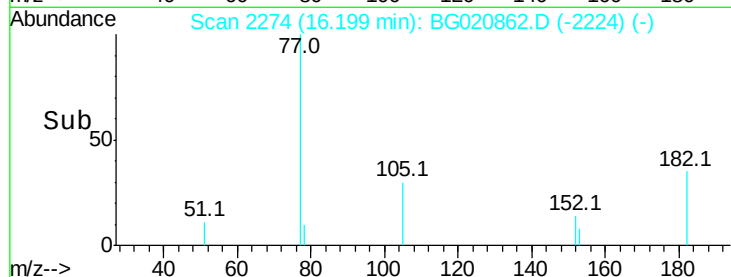
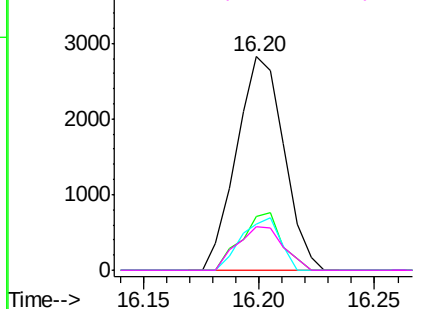


Abundance Ion 77.00 (76.70 to 77.70): BGC

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

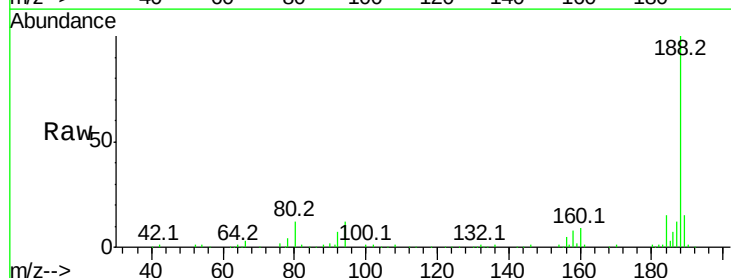
RT: 17.61 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

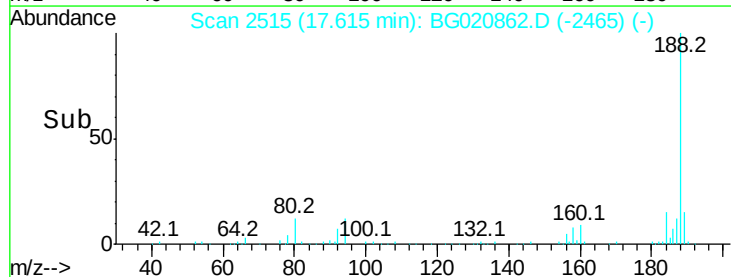
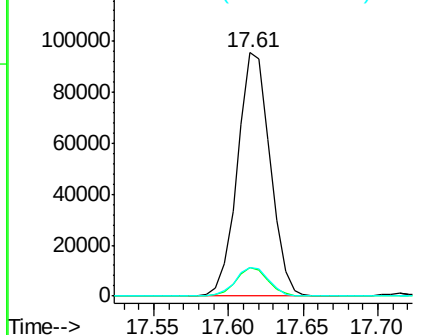
Tgt Ion:	188	Resp:	144980
Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.0
80	11.9	10.2	15.4

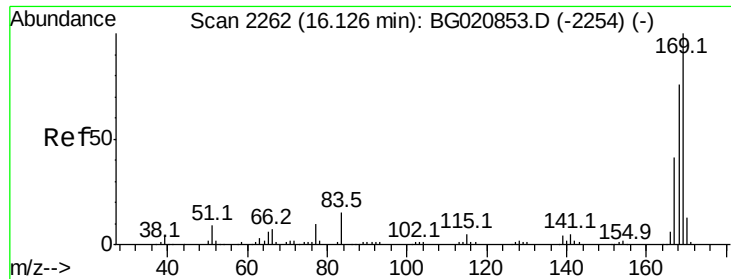


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

n-Nitrosodiphenylamine

Concen: 0.79 ng

RT: 16.12 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:169 Resp: 3693

Ion Ratio Lower Upper

169 100

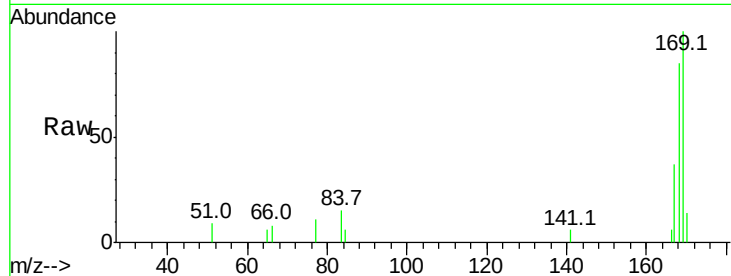
168 84.6 60.7 91.1

167 36.6 32.8 49.2

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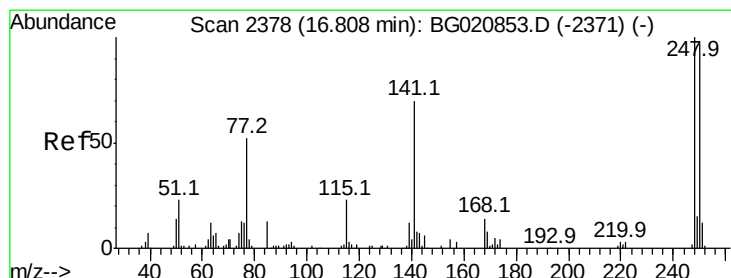
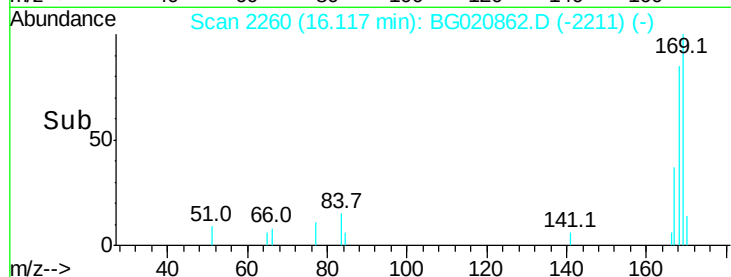
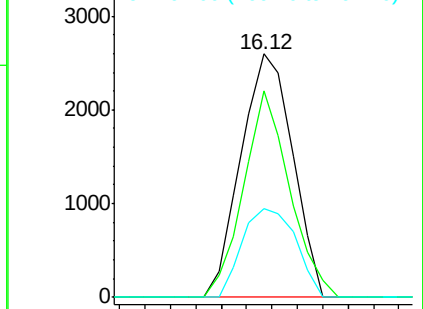
2/12/2016 12:33:02 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 0.73 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

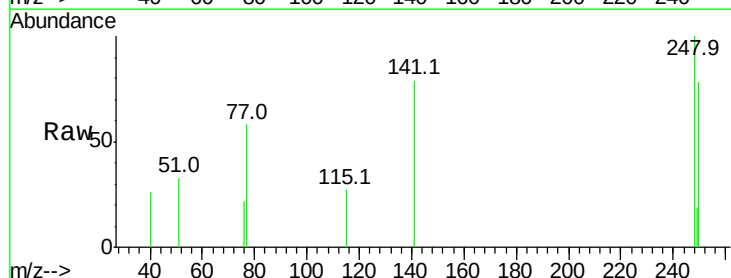
Tgt Ion:248 Resp: 1124

Ion Ratio Lower Upper

248 100

250 78.0 77.4 116.2

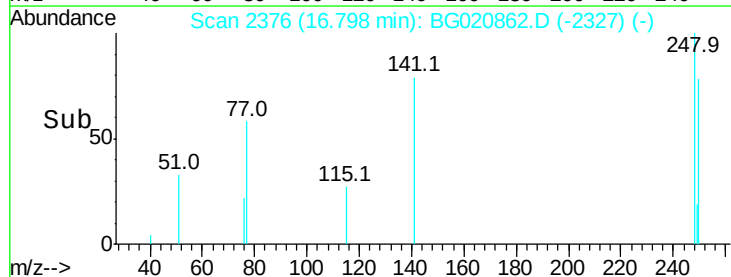
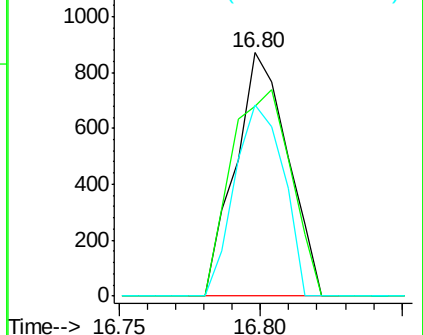
141 78.5 55.7 83.5

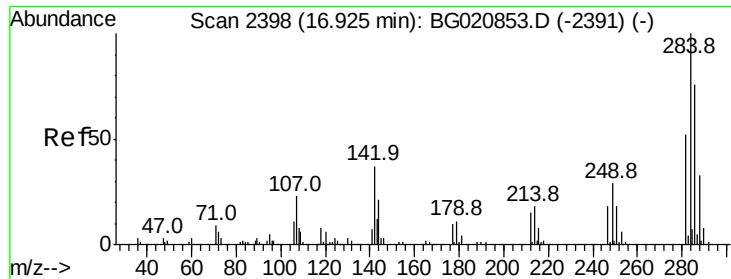


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 0.81 ng

RT: 16.92 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

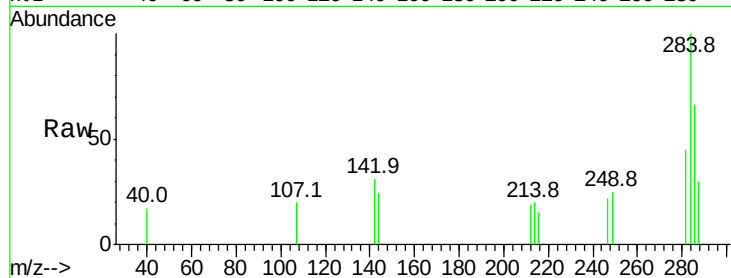
ClientSampleId :

LOD-SOIL2016-01

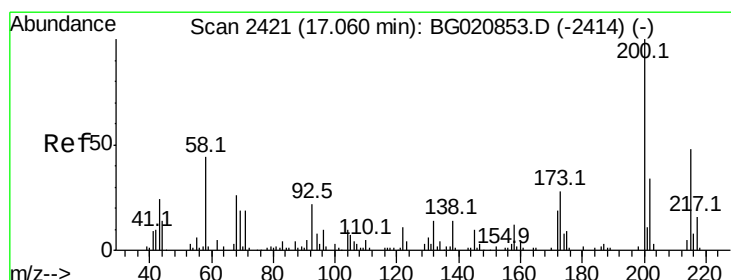
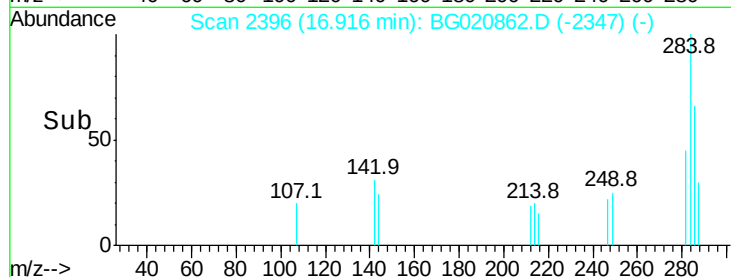
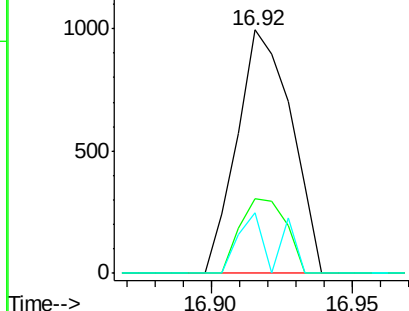
Tot Ion:	284	Resp:	1327
Ion Ratio	Lower	Upper	
284	100		
142	30.5	29.9	44.9
249	24.8	23.3	34.9

Manual Integrations
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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: 0.81 ng

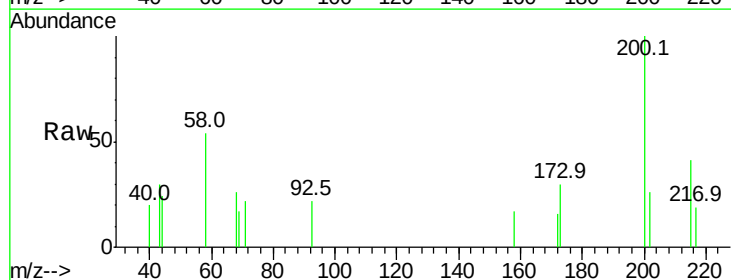
RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

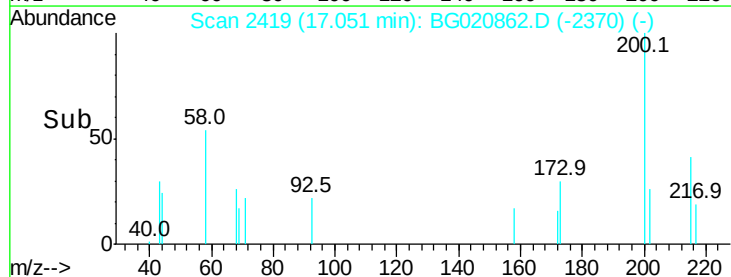
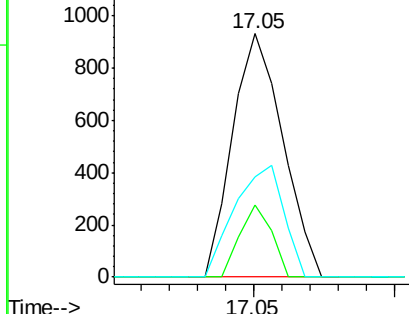
Lab File: BG020862.D

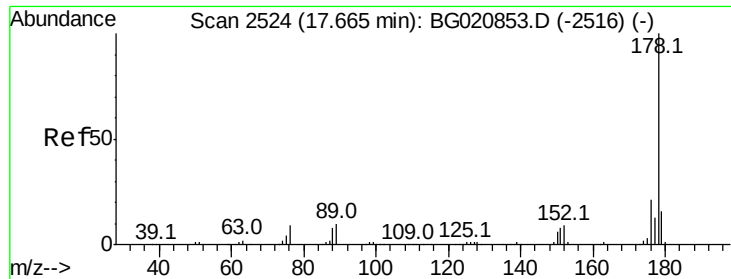
Acq: 11 Feb 2016 18:49

Tgt Ion:	200	Resp:	1148
Ion Ratio	Lower	Upper	
200	100		
173	29.6	8.4	48.4
215	41.0	28.2	68.2



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





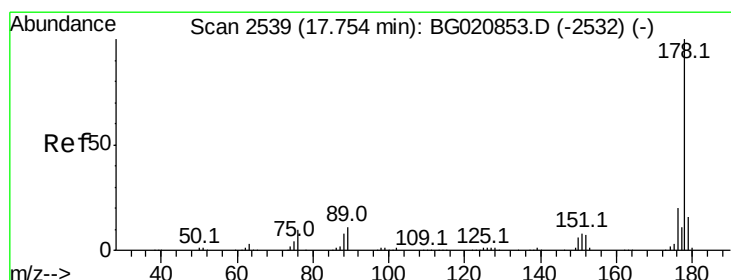
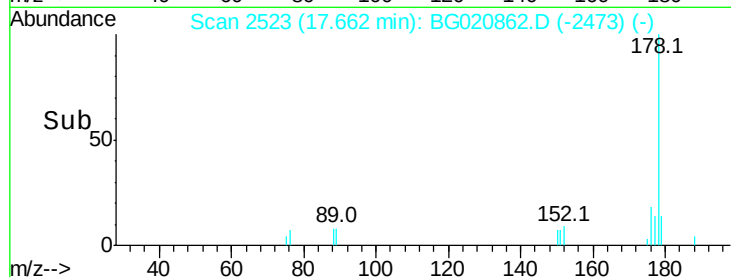
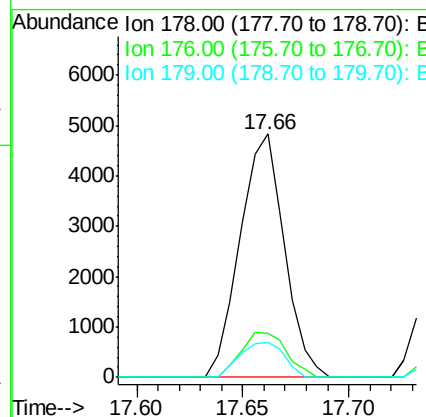
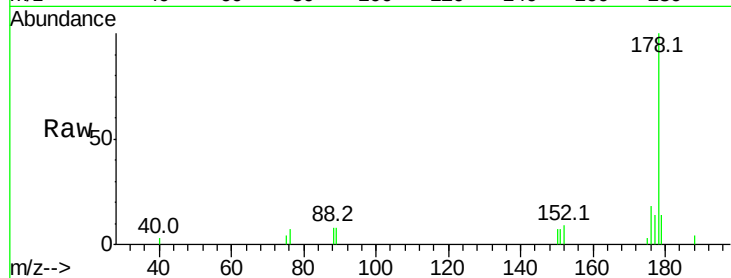
#70
 Phenanthrene
 Concen: 0.85 ng
 RT: 17.66 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.8	25.2
179	14.2	12.6	19.0

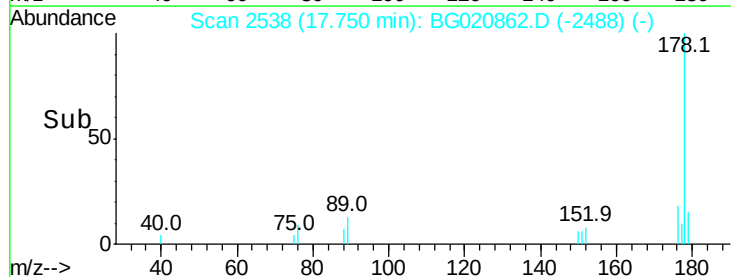
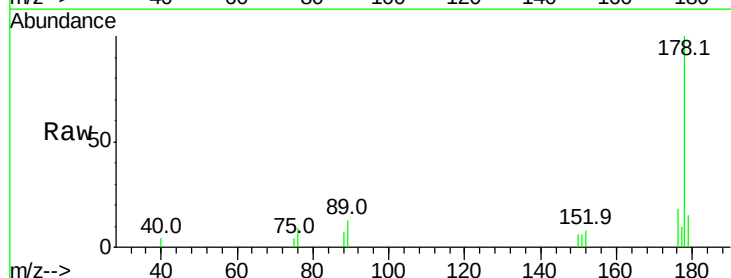
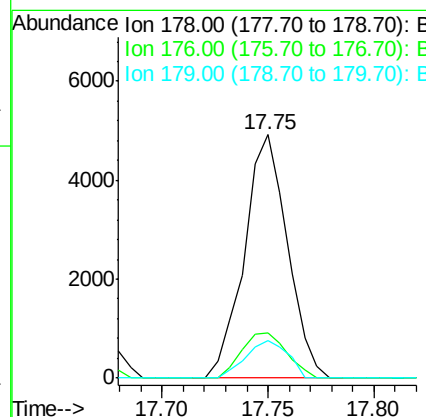
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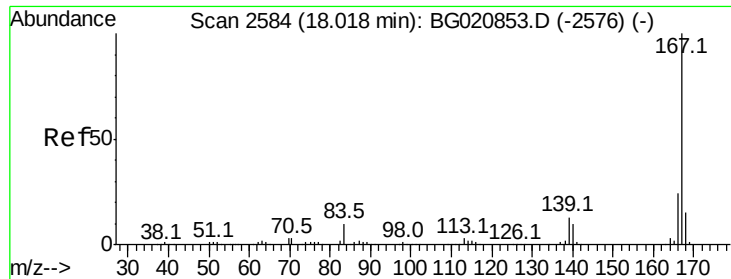
Sohil
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#71
 Anthracene
 Concen: 0.83 ng
 RT: 17.75 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	15.4	12.7	19.1





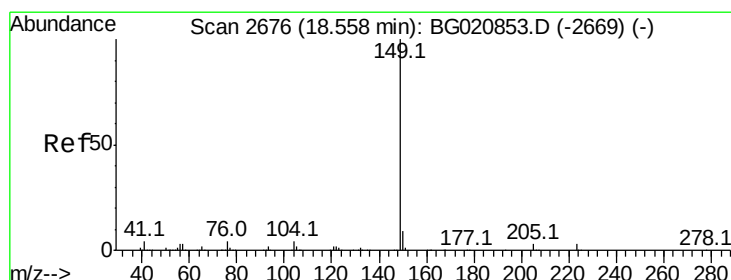
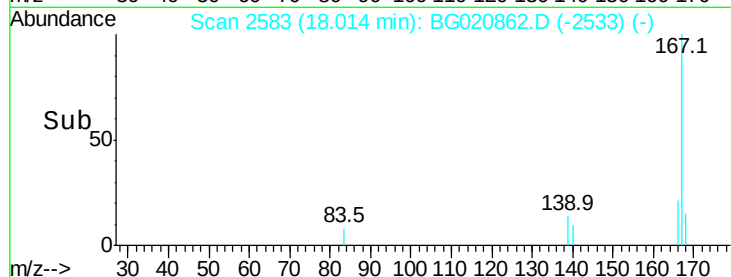
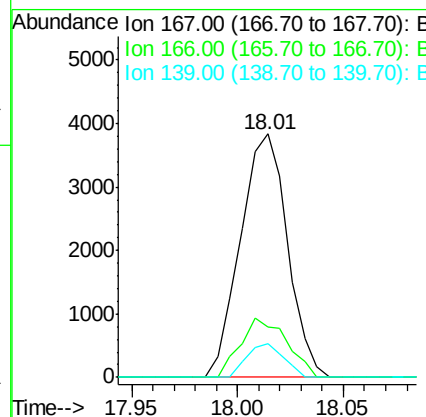
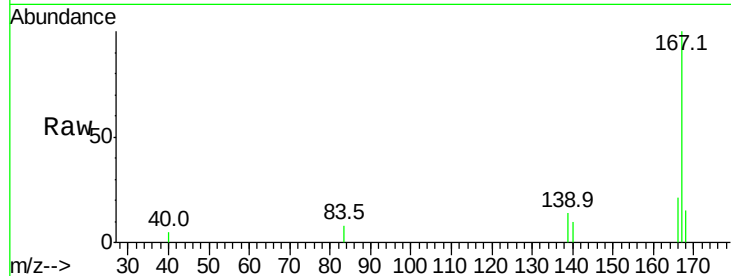
#72
Carbazole
 Concen: 0.79 ng
 RT: 18.01 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion:	167	Resp:	5918
Ion Ratio	Lower	Upper	
167	100		
166	20.7	19.3	28.9
139	13.7	10.2	15.4

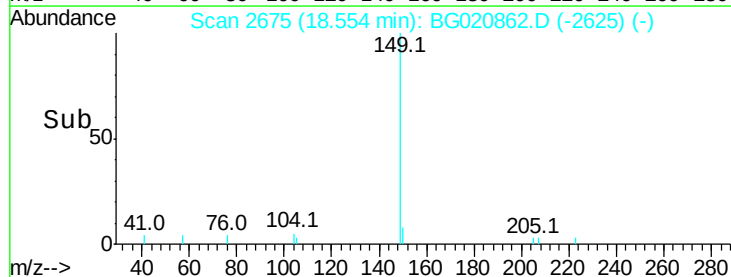
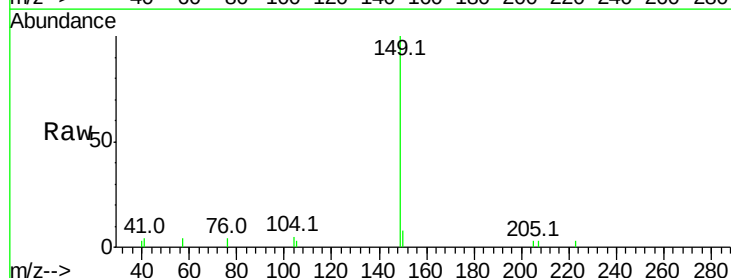
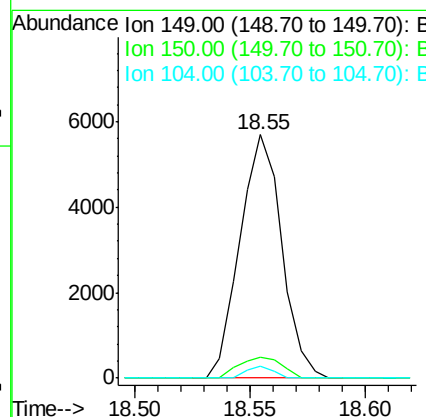
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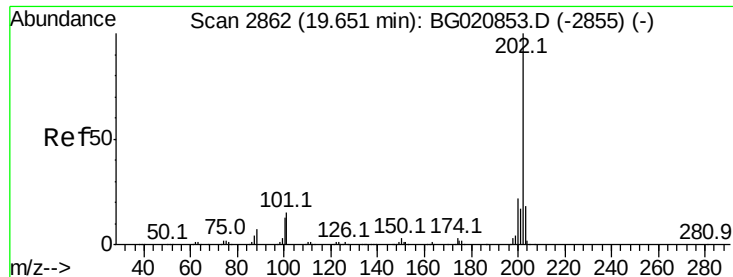
Sohil
 2/12/2016 12:33:02 PM



#73
Di-n-butylphthalate
 Concen: 0.74 ng
 RT: 18.55 min Scan# 2675
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion:	149	Resp:	7181
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.6	11.4
104	4.8	3.4	5.0





#74

Fluoranthene

Concen: 0.83 ng

RT: 19.65 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

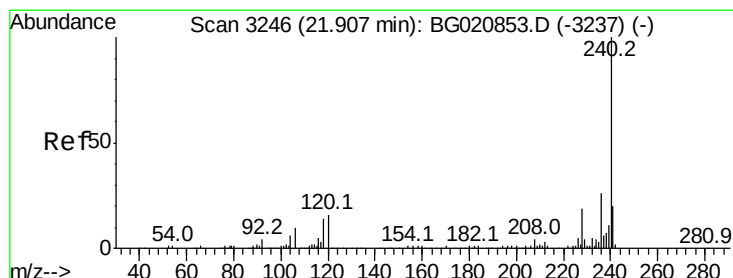
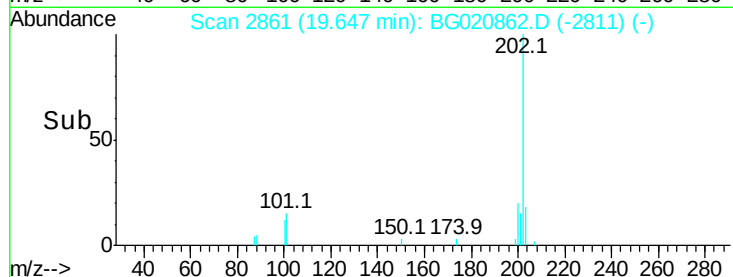
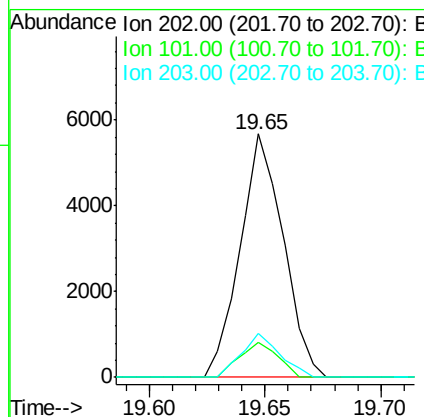
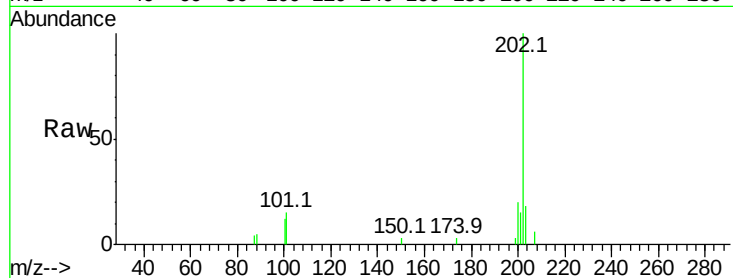
ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	202	Resp:	7369
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	35.3
203	17.9	0.0	37.8

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

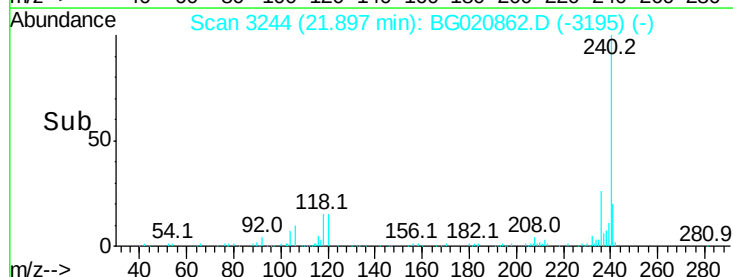
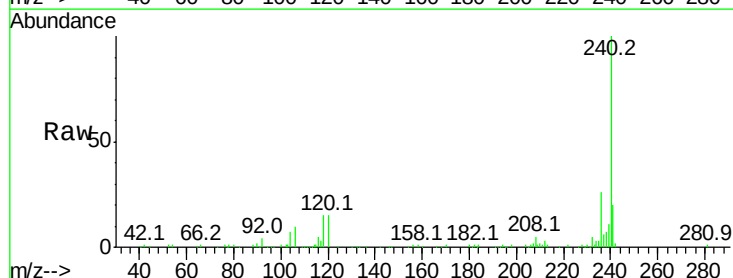
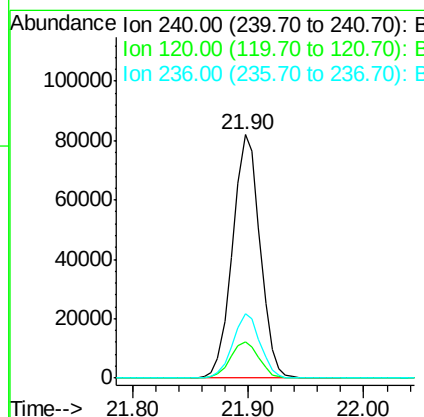
RT: 21.90 min Scan# 3244

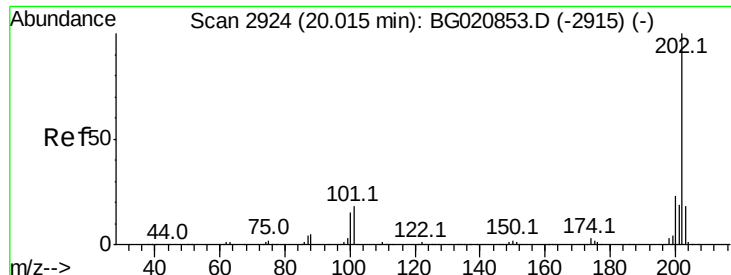
Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Tgt Ion:	240	Resp:	135397
Ion Ratio	Lower	Upper	
240	100		
120	14.9	13.0	19.4
236	26.4	21.0	31.4





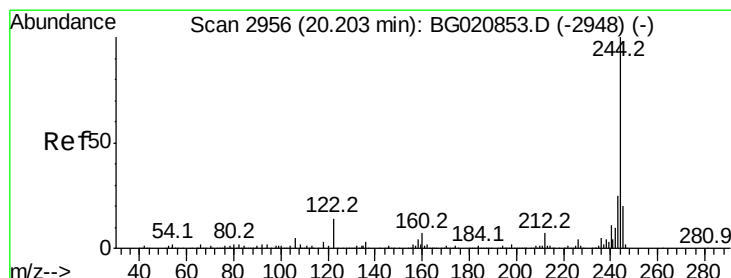
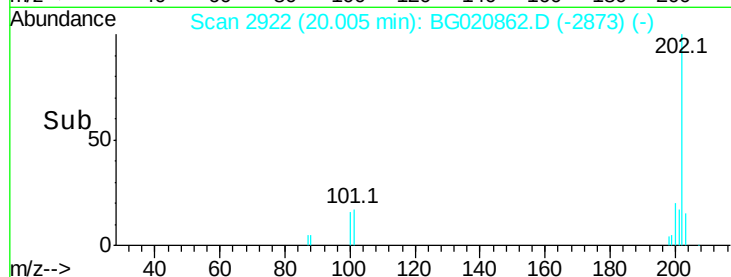
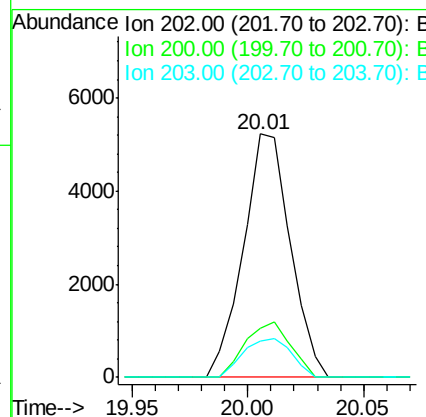
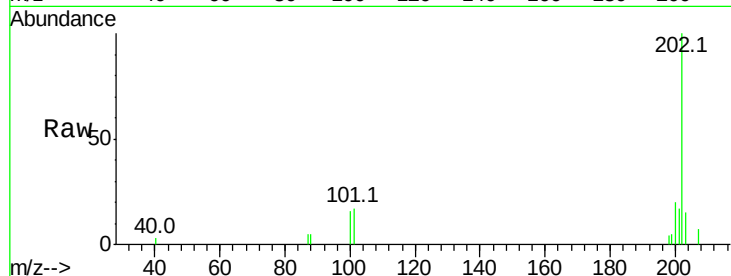
#77
Pvrene
Concen: 0.83 ng
RT: 20.01 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	18.5	27.7
203	14.8	14.3	21.5

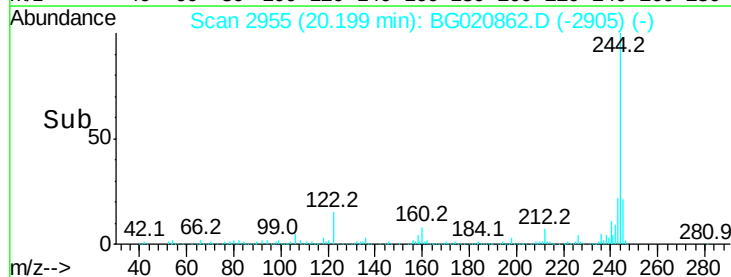
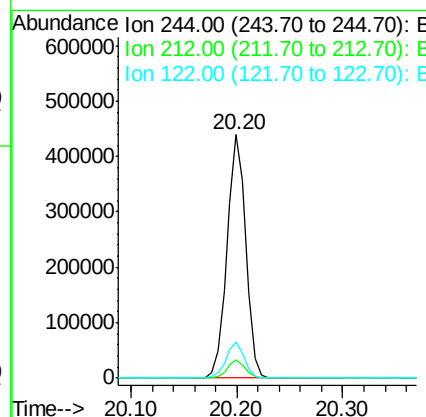
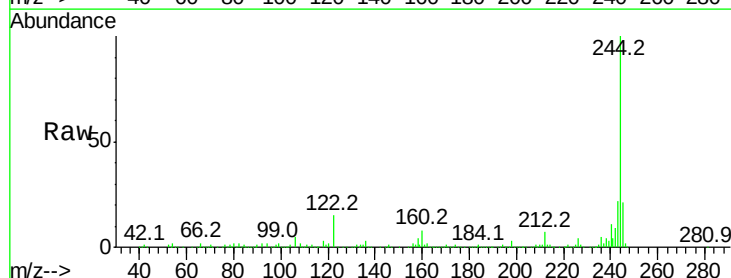
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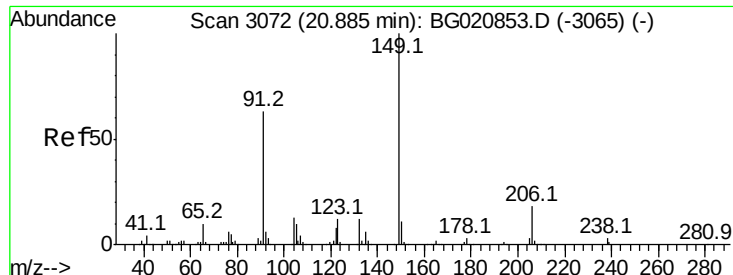
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#78
Terphenyl-d14
Concen: 92.97 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	15.1	11.4	17.2





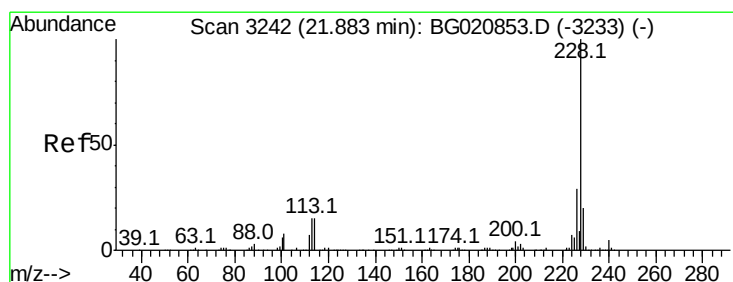
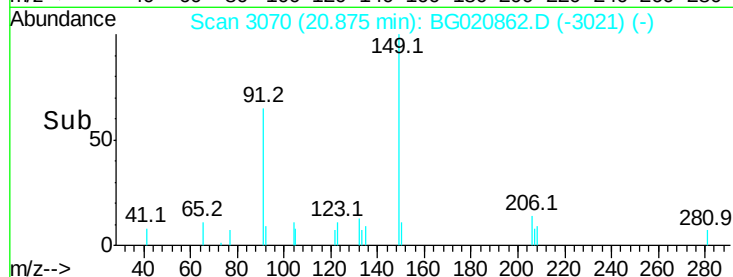
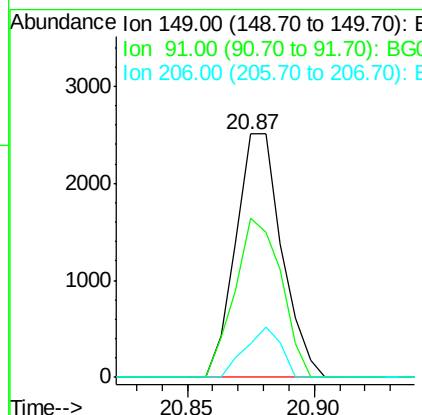
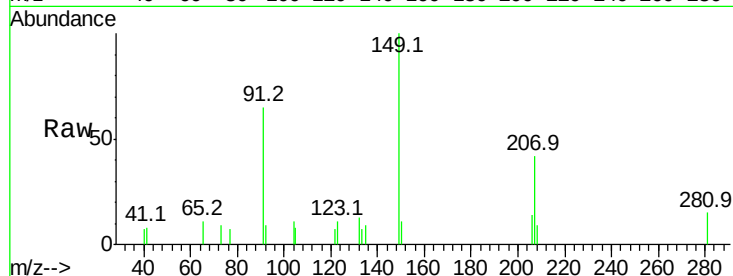
#79
Butylbenzylphthalate
Concen: 0.74 ng
RT: 20.87 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	50.6	76.0
206	13.8	14.6	22.0

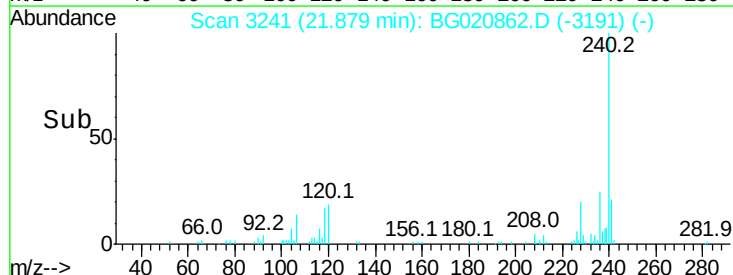
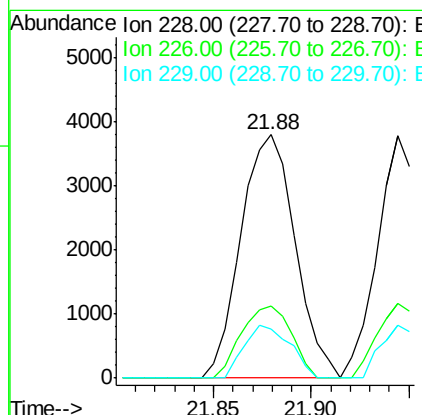
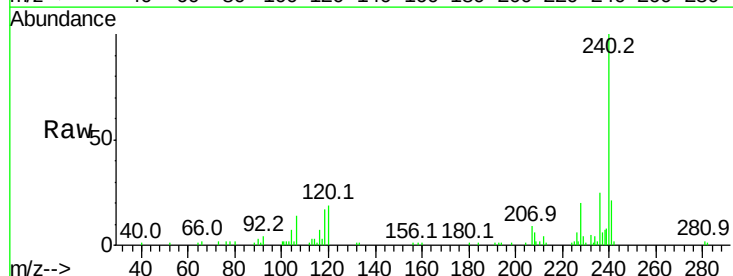
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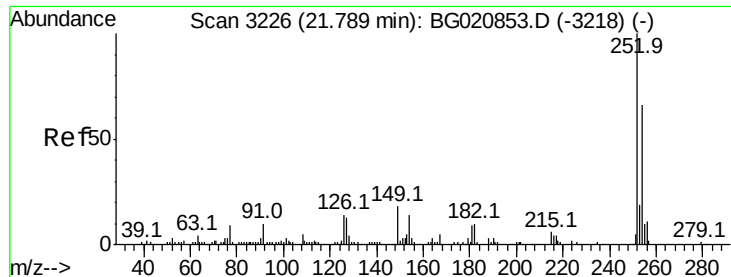
Sohil
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#80
Benzo(a)anthracene
Concen: 0.90 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	20.3	16.2	24.2





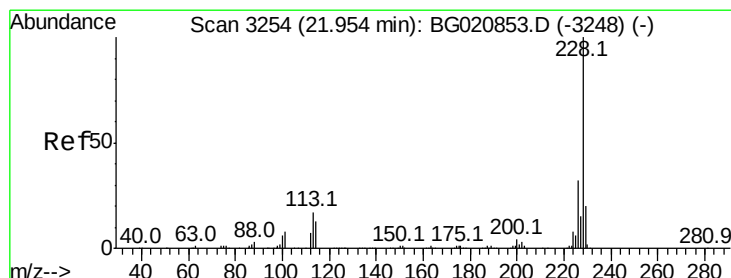
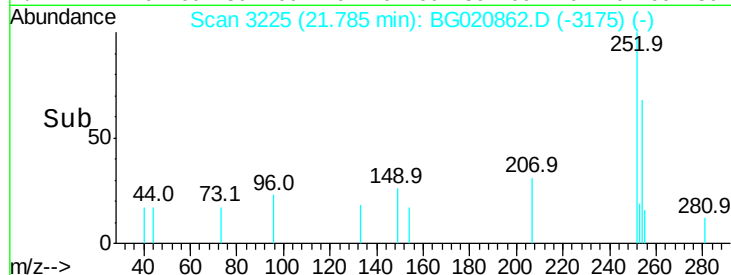
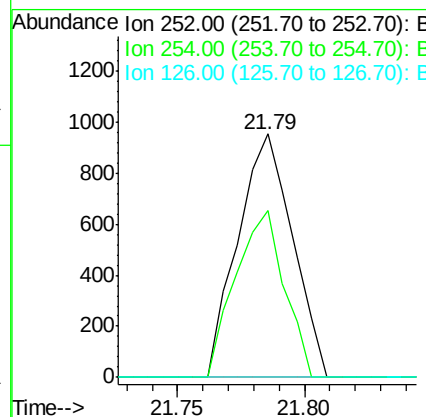
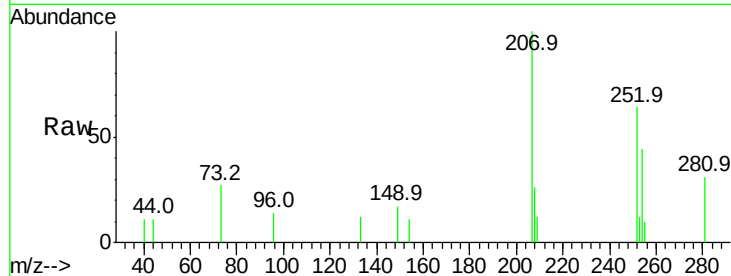
#81
 3,3'-Dichlorobenzidine
 Concen: 0.48 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.00 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.5	52.8	79.2
126	0.0	11.1	16.7

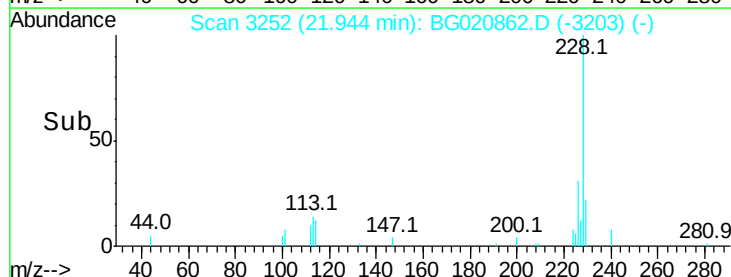
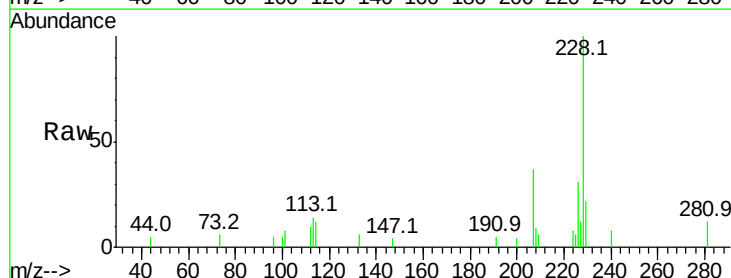
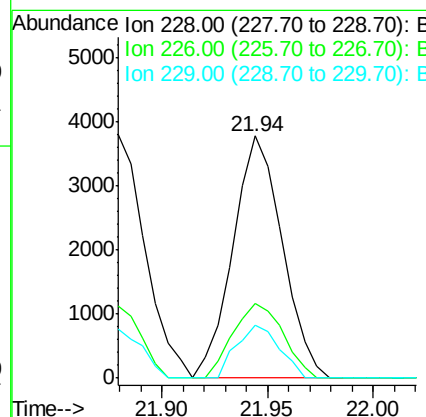
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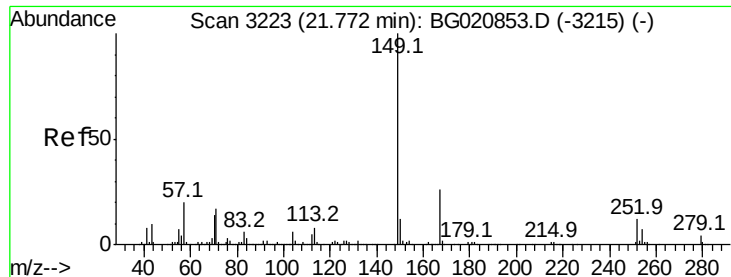
Sohil
 2/12/2016 12:33:02 PM



#82
 Chrysene
 Concen: 0.80 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	22.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.77 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

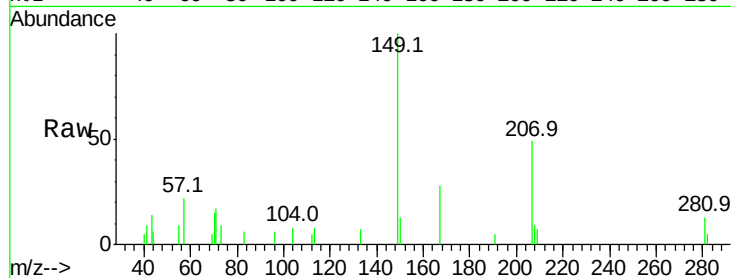
ClientSampleId :

LOD-SOIL2016-01

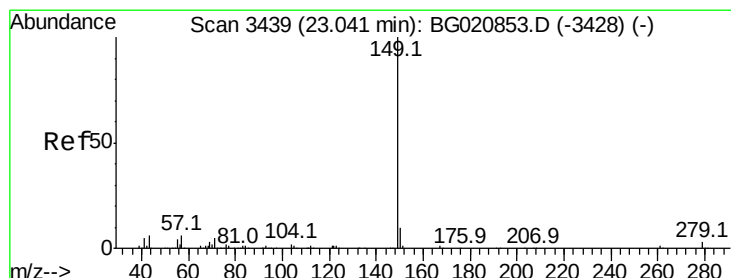
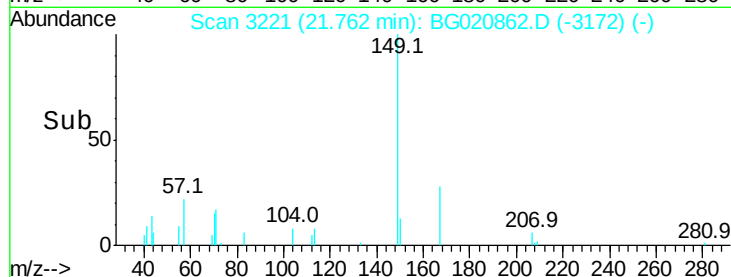
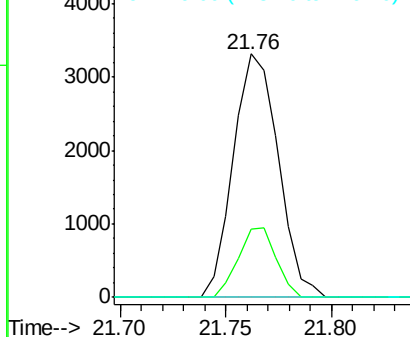
Tot Ion:	149	Resp:	4881
Ion Ratio	Lower	Upper	
149	100		
167	28.2	20.9	31.3
279	0.0	3.0	4.4#

Manual Integrations
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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: 0.78 ng

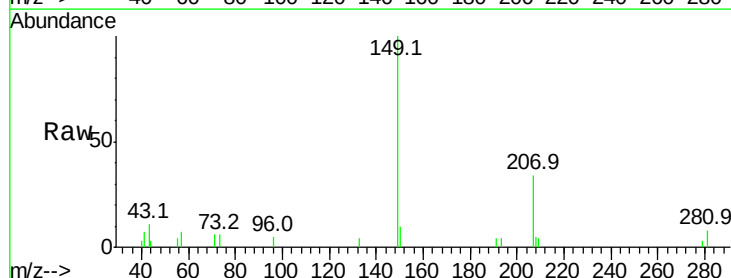
RT: 23.03 min Scan# 3437

Delta R.T. -0.01 min

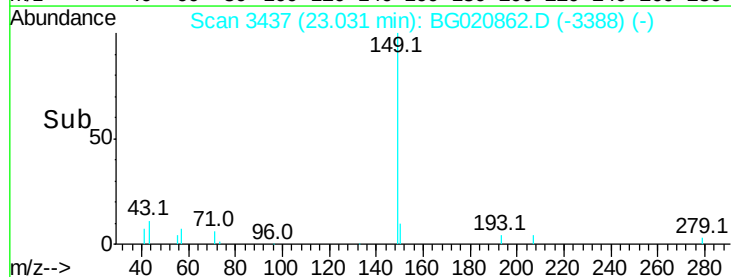
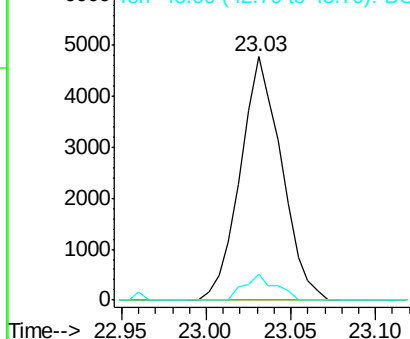
Lab File: BG020862.D

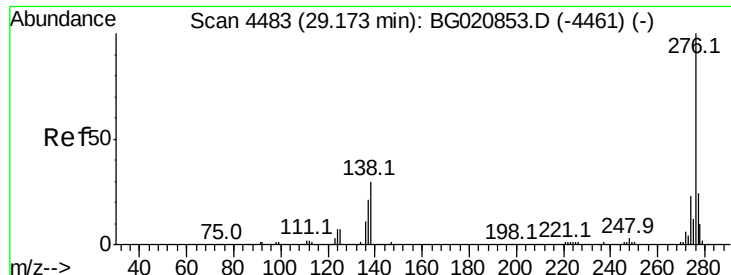
Acq: 11 Feb 2016 18:49

Tgt Ion:	149	Resp:	8107
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	8.0	5.1	7.7#



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





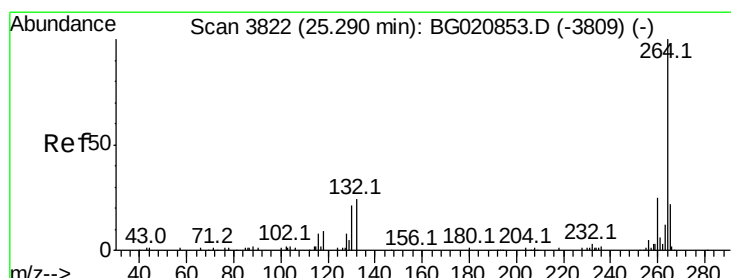
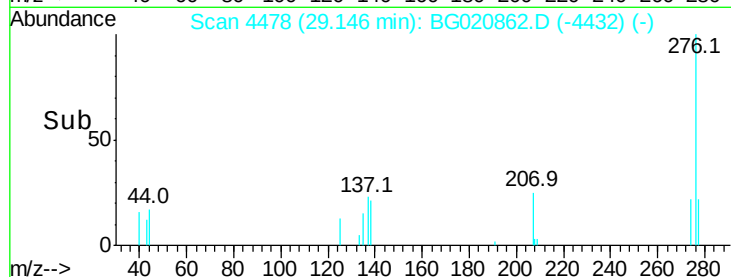
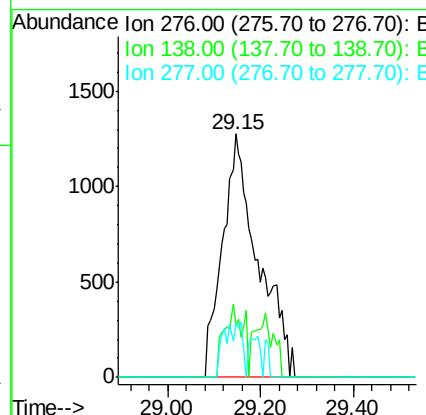
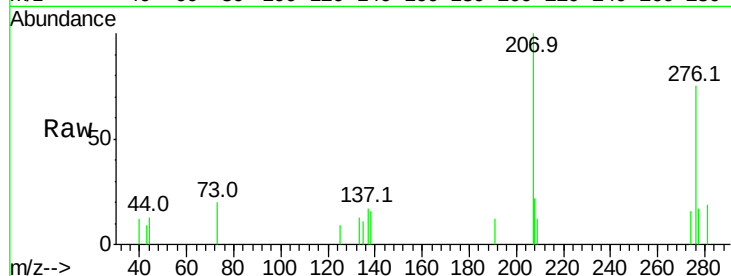
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.78 ng/mL
 RT: 29.15 min Scan# 4478
 Delta R.T. -0.03 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Instrument :
 BNA_G
 ClientSampleID :
 LOD-SOIL2016-01

Tot Ion	Ratio	Resp	Lower	Upper
276	100	6778		
138	15.6		20.1	30.1#
277	0.0		20.5	30.7#

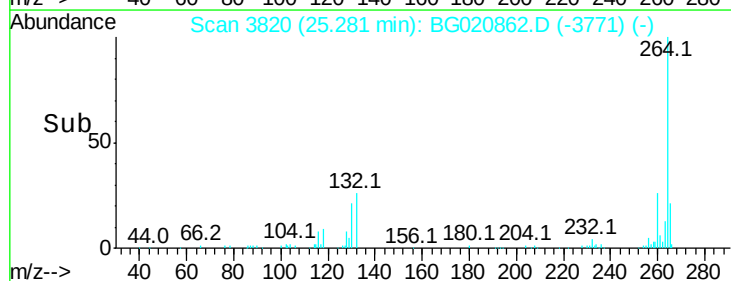
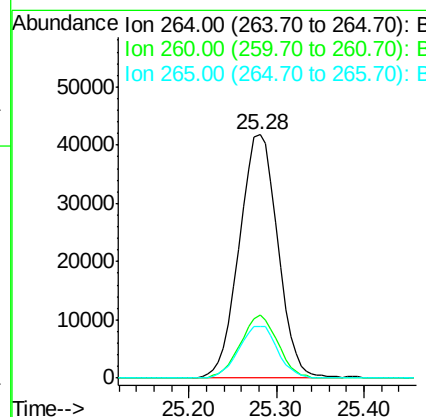
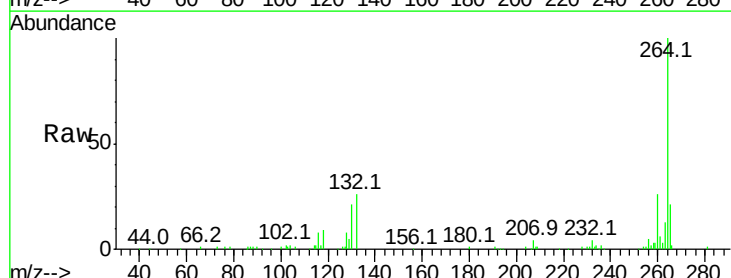
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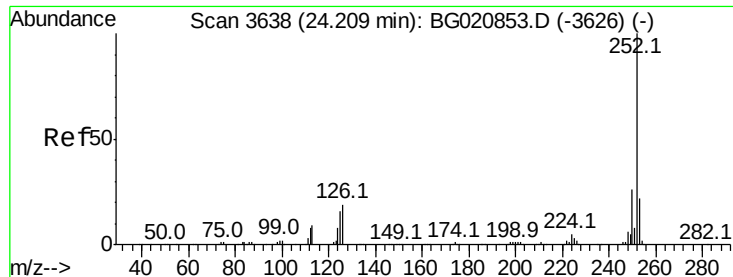
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG020862.D
 Acq: 11 Feb 2016 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	125074		
260	26.0		19.9	29.9
265	21.3		18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 0.81 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG020862.D

Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

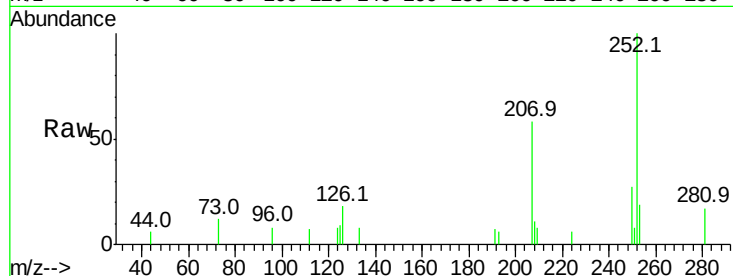
ClientSampleId :

LOD-SOIL2016-01

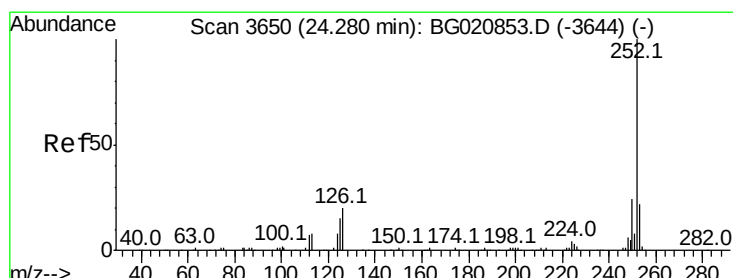
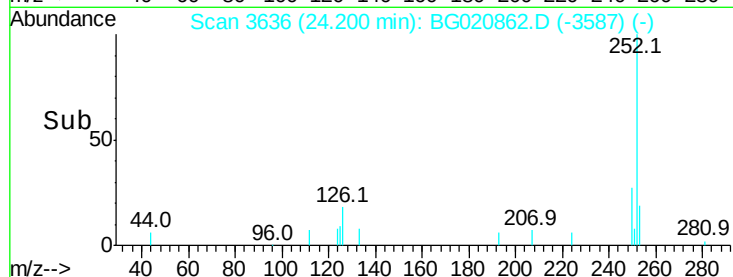
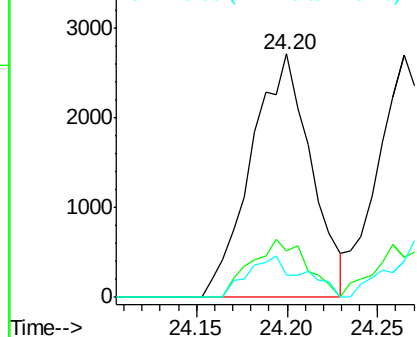
Tot Ion:252	Resp:	6219
Ion Ratio	Lower	Upper
252 100		
253 19.3	17.5	26.3
125 9.1	12.5	18.7#

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2/12/2016 12:33:02 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.84 ng

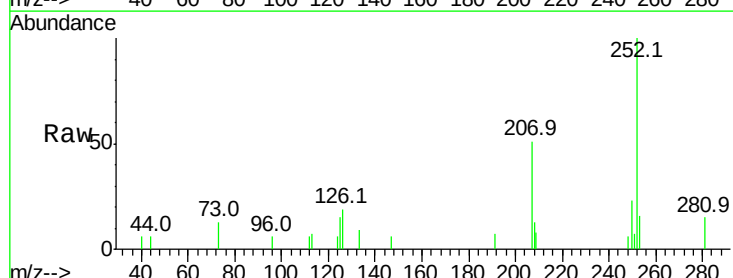
RT: 24.26 min Scan# 3647

Delta R.T. -0.02 min

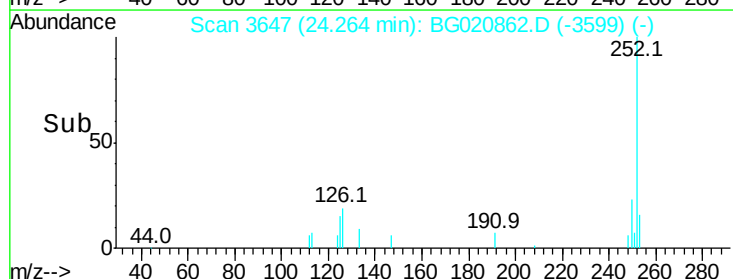
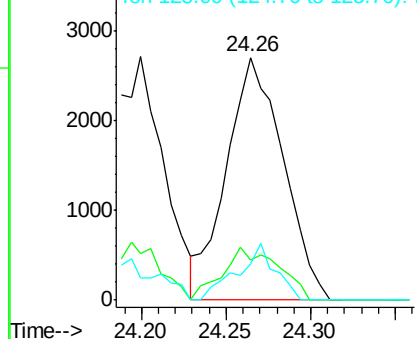
Lab File: BG020862.D

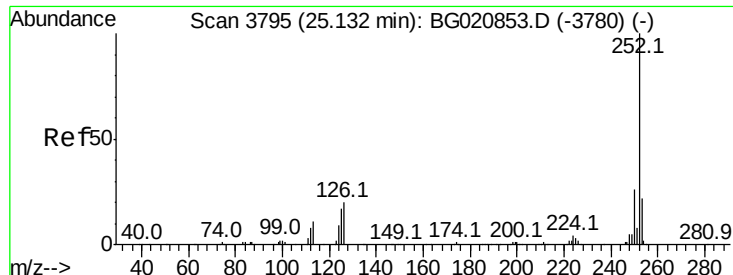
Acq: 11 Feb 2016 18:49

Tgt Ion:252	Resp:	6297
Ion Ratio	Lower	Upper
252 100		
253 16.5	17.7	26.5#
125 15.0	12.2	18.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





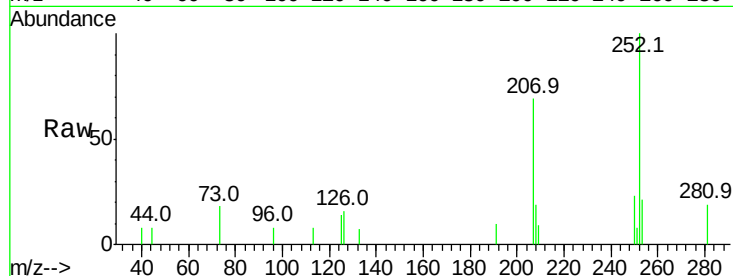
#89
Benzo(a)pyrene
Concen: 0.85 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.02 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

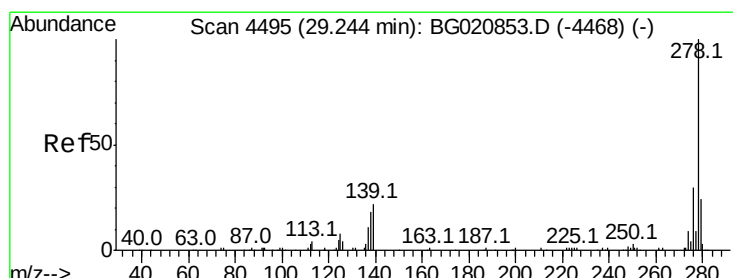
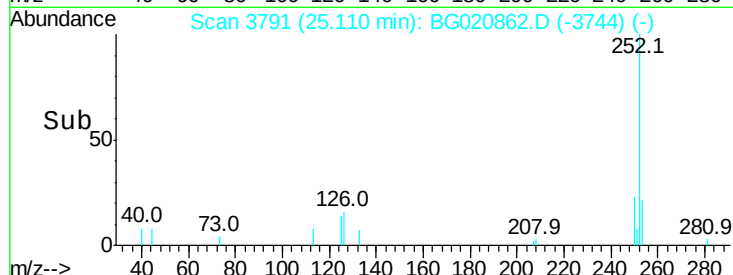
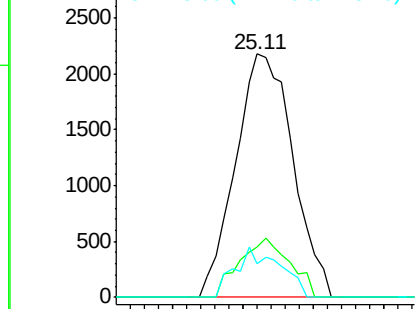
Tot Ion:	252	Resp:	6180
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.4	26.2
125	13.9	13.6	20.4

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2/12/2016 12:33:02 PM



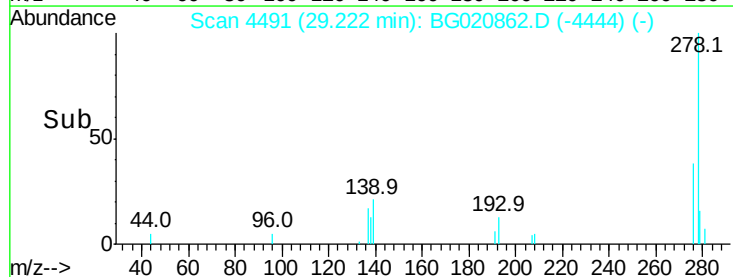
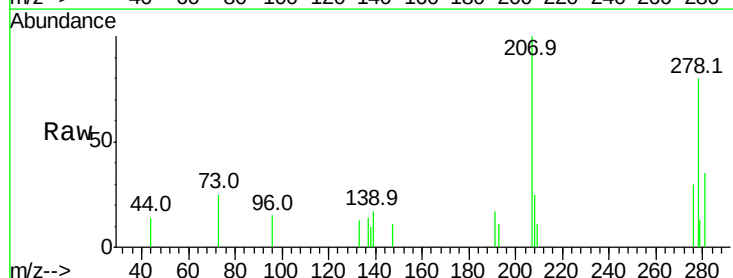
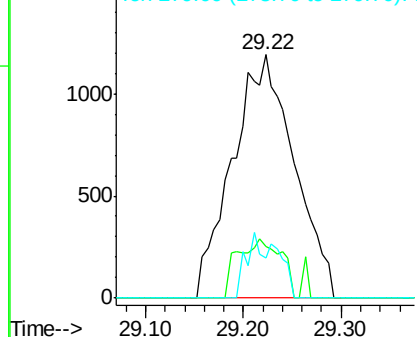
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

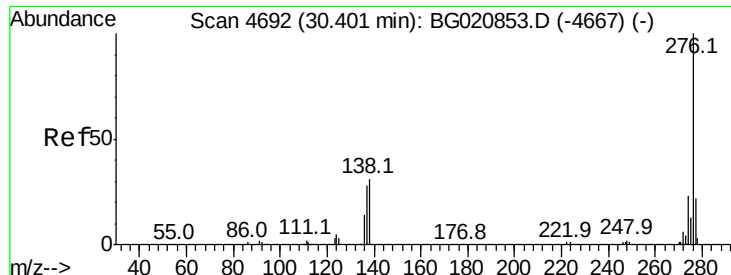


#90
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 29.22 min Scan# 4491
Delta R.T. -0.02 min
Lab File: BG020862.D
Acq: 11 Feb 2016 18:49

Tgt Ion:	278	Resp:	5248
Ion Ratio	Lower	Upper	
278	100		
139	21.0	17.3	25.9
279	16.4	19.1	28.7#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.74 ng m

RT: 30.37 min Scan# 4686

Delta R.T. -0.03 min

Lab File: BG020862.D

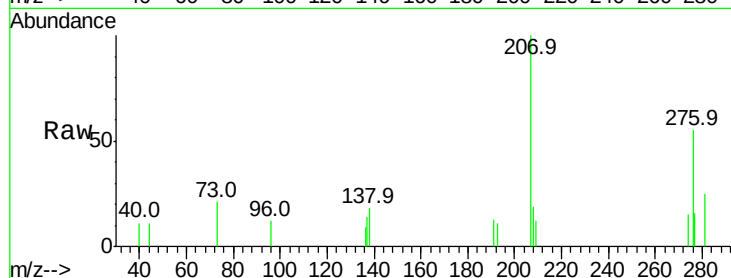
Acq: 11 Feb 2016 18:49

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01



Tot Ion:	276	Resp:	5231
Ion Ratio	Lower	Upper	
276	100		
277	29.2	17.6	26.4#
138	32.5	25.2	37.8

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