

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022657.D
 Acq On : 28 Jun 2016 00:38
 Operator : UM/SJ
 Sample : H3606-03
 Misc : LOD-1PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations

umangi
 6/28/2016 7:27:37 PM

Quant Time: Jun 28 07:31:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	128955	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	556452	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	405890	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1116257	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1294116	20.00	ng	0.00
86) Perylene-d12	25.21	264	1289031	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	824383	102.54	ng	0.00
7) Phenol-d6	7.31	99	1202353	106.10	ng	0.00
23) Nitrobenzene-d5	9.33	82	828000	62.98	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	698806	109.46	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1685702	65.86	ng	0.00
78) Terphenyl-d14	20.16	244	2800299	57.33	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.49	93	6538	0.44	ng	# 65
8) 2-Chlorophenol	7.72	128	6873	0.83	ng	# 81
9) Benzaldehyde	7.29	77	9464	2.37	ng	# 69
10) Phenol	7.34	94	10495	0.88	ng	# 91
11) bis(2-Chloroethyl)ether	7.56	93	7673	0.78	ng	# 66
12) 1,3-Dichlorobenzene	8.05	146	6804	0.67	ng	# 82
13) 1,4-Dichlorobenzene	8.19	146	6600	0.65	ng	# 79
14) 1,2-Dichlorobenzene	8.52	146	6511	0.67	ng	# 97
15) Benzyl Alcohol	8.40	79	6959	0.66	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.69	45	8133	0.75	ng	# 88
17) 2-Methylphenol	8.60	107	5227	0.66	ng	# 76
18) Hexachloroethane	9.24	117	2397	0.57	ng	# 71
19) n-Nitroso-di-n-propylamine	8.96	70	4836	0.51	ng	# 85
20) 3+4-Methylphenols	8.93	107	7125	0.66	ng	# 75
22) Acetophenone	8.99	105	9555	0.59	ng	# 93
24) Nitrobenzene	9.37	77	7443	0.51	ng	# 86
25) Isophorone	9.90	82	13692	0.54	ng	# 88
26) 2-Nitrophenol	10.09	139	3024	0.58	ng	# 83
27) 2,4-Dimethylphenol	10.14	122	6787	0.68	ng	# 53
28) bis(2-Chloroethoxy)methane	10.38	93	7840	0.56	ng	# 83
29) 2,4-Dichlorophenol	10.62	162	6673	0.68	ng	# 86
30) 1,2,4-Trichlorobenzene	10.84	180	7102	0.61	ng	# 87
31) Naphthalene	11.04	128	19603	0.70	ng	# 98
33) 4-Chloroaniline	11.14	127	5612	0.47	ng	# 78
34) Hexachlorobutadiene	11.32	225	4859	0.54	ng	# 83
35) Caprolactam	11.91	113	1832	0.60	ng	# 25
36) 4-Chloro-3-methylphenol	12.25	107	7907	0.66	ng	# 92
37) 2-Methylnaphthalene	12.63	142	13787	0.64	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	9963	0.65	ng	# 96
40) Hexachlorocyclopentadiene	12.97	237	4445	0.36	ng	# 95
42) 2,4,6-Trichlorophenol	13.23	196	6592	0.67	ng	# 87
43) 2,4,5-Trichlorophenol	13.30	196	6702	0.65	ng	# 75
45) 1,1'-Biphenyl	13.63	154	20858	0.67	ng	# 89
46) 2-Chloronaphthalene	13.67	162	17173	0.67	ng	# 78

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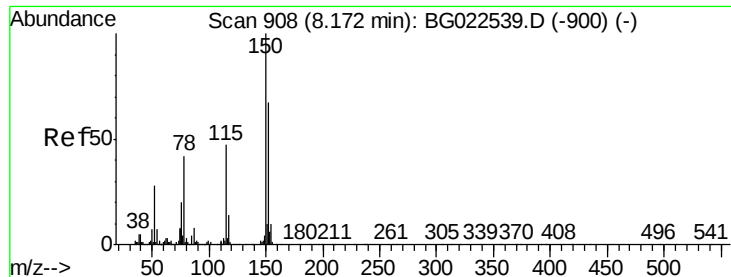
Manual Integrations

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Quant Time: Jun 28 07:31:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	13.88	65	5841	0.59	nq	# 80
48) Acenaphthylene	14.52	152	25743	0.70	nq	# 93
49) Dimethylphthalate	14.24	163	22146	0.66	nq	# 97
50) 2,6-Dinitrotoluene	14.36	165	3945	0.54	nq	# 89
51) Acenaphthene	14.86	154	17614	0.65	nq	# 71
52) 3-Nitroaniline	14.70	138	4175	0.61	nq	# 28
53) 2,4-Dinitrophenol	14.91	184	1509	0.33	nq	# 51
54) Dibenzofuran	15.19	168	31857	0.81	nq	# 81
55) 4-Nitrophenol	15.00	139	3790m	0.65	nq	
56) 2,4-Dinitrotoluene	15.15	165	6995	0.69	nq	# 69
57) Fluorene	15.85	166	21872	0.70	nq	# 92
58) 2,3,4,6-Tetrachlorophenol	15.42	232	6628	0.62	nq	# 86
59) Diethylphthalate	15.60	149	21381	0.62	nq	# 97
60) 4-Chlorophenyl-phenylether	15.83	204	12869	0.69	nq	# 84
61) 4-Nitroaniline	15.87	138	4404	0.62	nq	# 67
62) Azobenzene	16.13	77	22323	0.60	nq	# 94
64) 4,6-Dinitro-2-methylphenol	15.92	198	3611	0.48	nq	# 89
65) n-Nitrosodiphenylamine	16.05	169	20703	0.64	nq	# 96
66) 4-Bromophenyl-phenylether	16.74	248	9042	0.62	nq	# 96
67) Hexachlorobenzene	16.85	284	9438	0.62	nq	# 73
68) Atrazine	16.99	200	6860	0.50	nq	# 94
69) Pentachlorophenol	17.20	266	5464	0.52	nq	# 64
70) Phenanthrene	17.60	178	40393	0.71	nq	# 96
71) Anthracene	17.69	178	40802	0.70	nq	# 93
72) Carbazole	17.96	167	34052	0.69	nq	# 80
73) Di-n-butylphthalate	18.50	149	37430	0.65	nq	# 91
74) Fluoranthene	19.60	202	48911	0.75	nq	# 83
76) Benzidine	19.79	184	834	0.06	nq	# 53
77) Pvrene	19.96	202	46178	0.67	nq	# 91
79) Butylbenzylphthalate	20.84	149	17946	0.60	nq	# 87
80) Benzo(a)anthracene	21.82	228	52626	0.73	nq	# 92
81) 3,3'-Dichlorobenzidine	21.75	252	11796	0.40	nq	# 85
82) Chrysene	21.89	228	51960m	0.77	nq	
83) Bis(2-ethylhexyl)phthalate	21.72	149	23202	0.55	nq	# 92
84) Di-n-octyl phthalate	22.98	149	41416	0.60	nq	# 91
85) Indeno(1,2,3-cd)pyrene	29.04	276	51091m	0.58	nq	
87) Benzo(b)fluoranthene	24.12	252	53991	0.70	nq	# 90
88) Benzo(k)fluoranthene	24.20	252	49077	0.67	nq	# 89
89) Benzo(a)pyrene	25.04	252	51570	0.68	nq	# 87
90) Dibenzo(a,h)anthracene	29.13	278	35981	0.51	nq	# 90
91) Benzo(g,h,i)perylene	30.24	276	43243m	0.60	nq	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:152 Resp: 128955

Ion Ratio Lower Upper

152 100

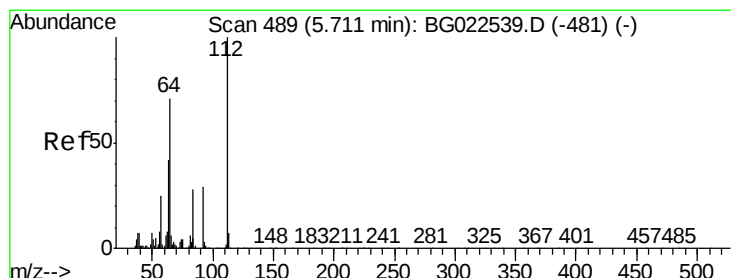
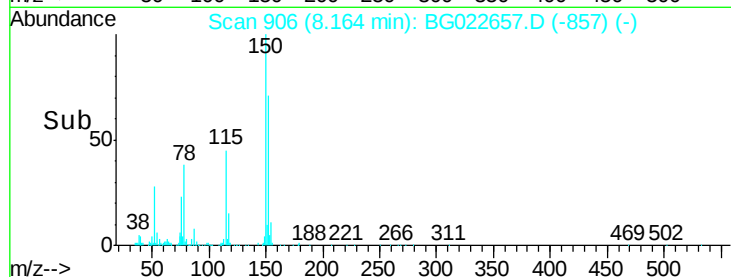
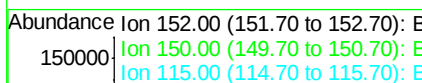
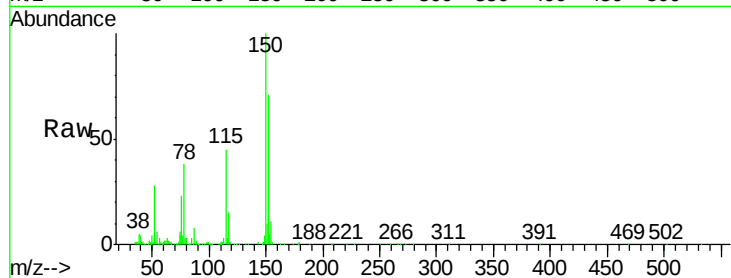
150 140.6 144.7 217.1#

115 63.6 64.0 96.0#

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#5

2-Fluorophenol

Concen: 102.54 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

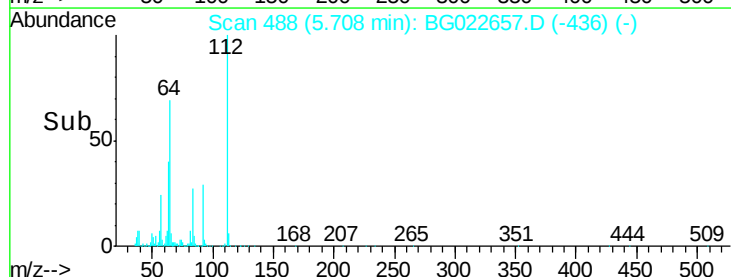
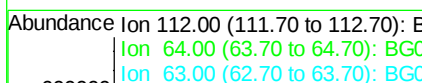
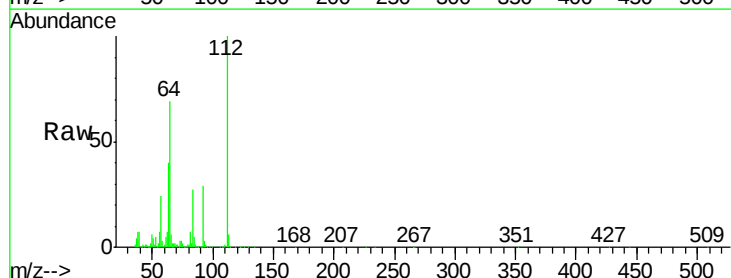
Tgt Ion:112 Resp: 824383

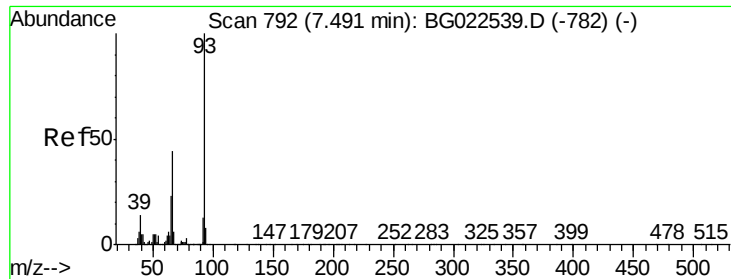
Ion Ratio Lower Upper

112 100

64 69.5 59.0 88.4

63 39.8 37.8 56.8





#6

Aniline

Concen: 0.44 ng

RT: 7.49 min Scan# 792

Delta R.T. 0.01 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

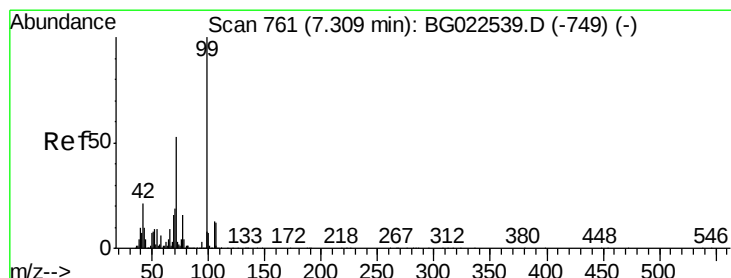
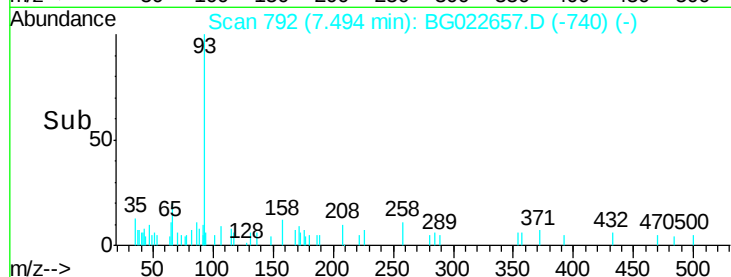
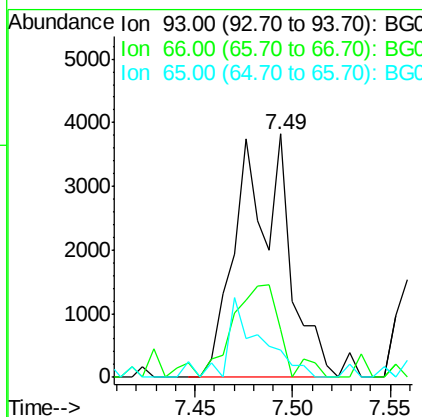
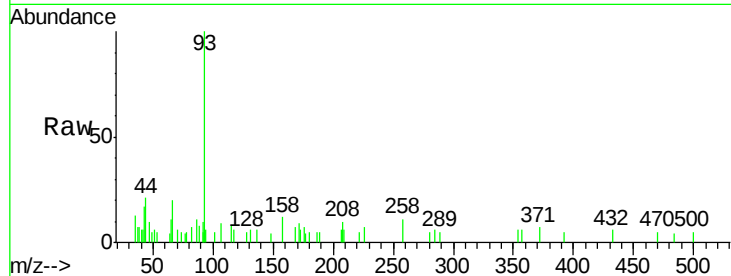
LOD-SOIL2016-01

Tot Ion:	93	Resp:	6538
Ion	Ratio	Lower	Upper
93	100		
66	19.6	37.5	56.3#
65	11.2	17.9	26.9#

Manual Integrations

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#7

Phenol-d6

Concen: 106.10 ng

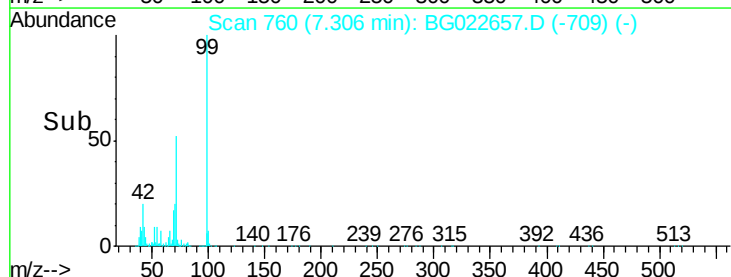
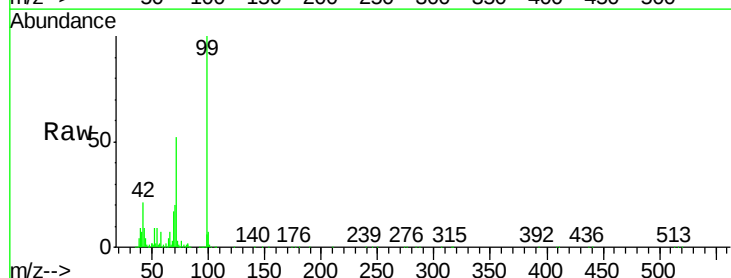
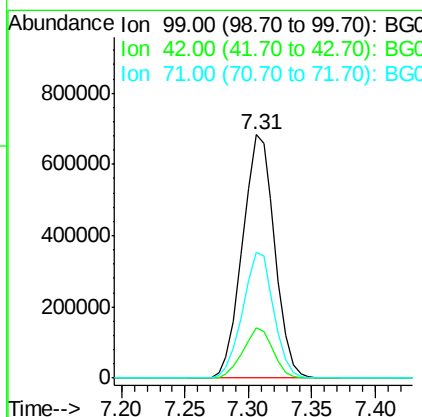
RT: 7.31 min Scan# 760

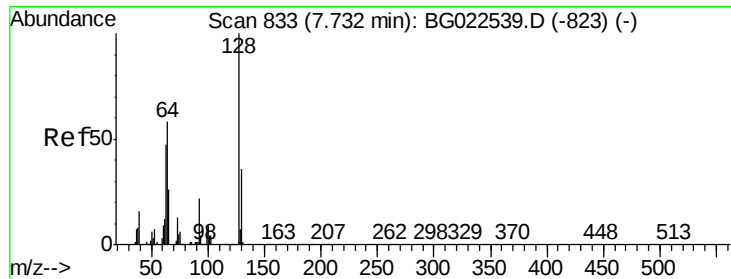
Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	99	Resp:	1202353
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.8	26.6
71	51.9	41.5	62.3





#8

2-Chlorophenol

Concen: 0.83 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

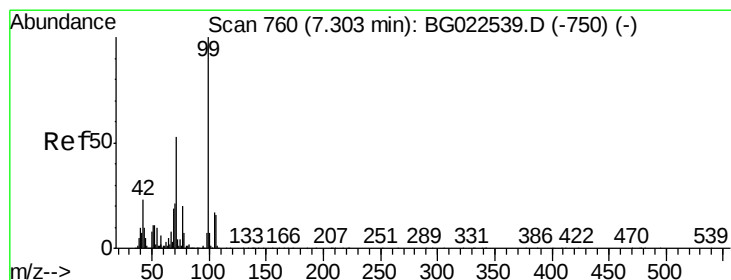
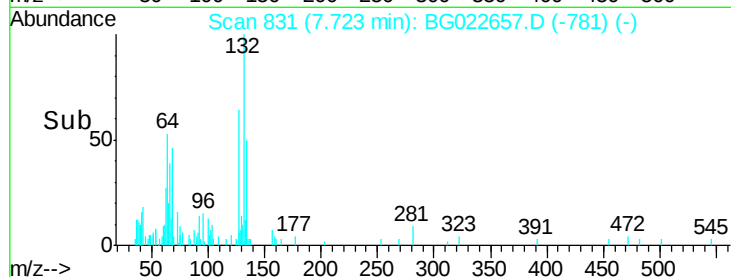
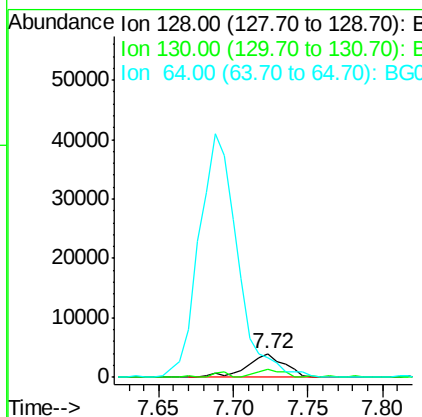
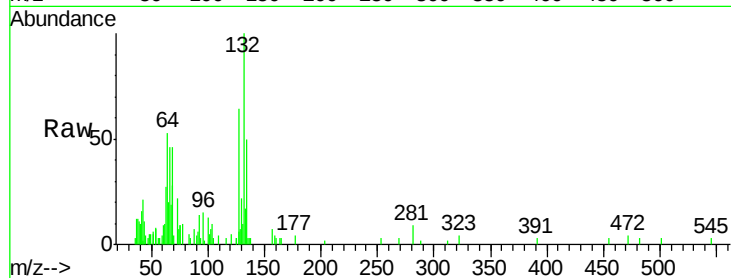
LOD-SOIL2016-01

Tot Ion:	128	Resp:	6873
Ion Ratio	Lower	Upper	
128	100		
130	34.3	12.9	52.9
64	83.1	42.0	82.0#

Manual Integrations

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#9

Benzaldehyde

Concen: 2.37 ng

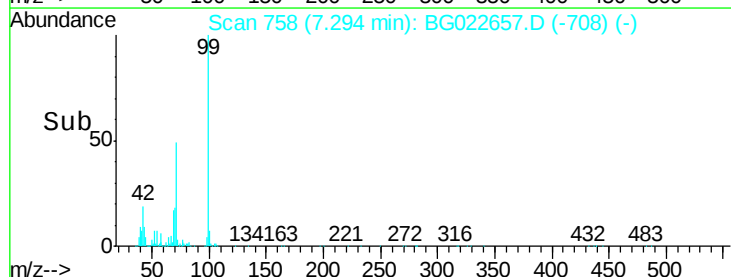
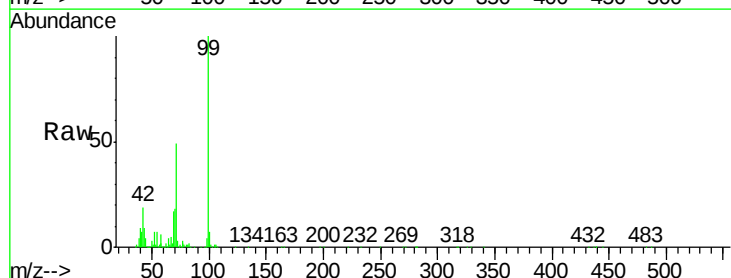
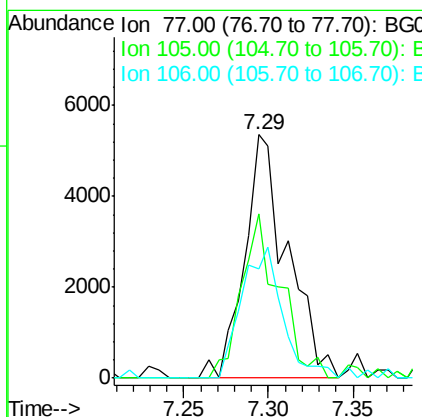
RT: 7.29 min Scan# 758

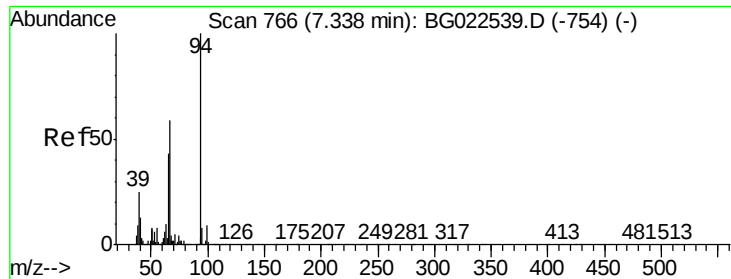
Delta R.T. -0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	77	Resp:	9464
Ion Ratio	Lower	Upper	
77	100		
105	67.2	58.7	98.7
106	44.7	67.5	107.5#





#10

Phenol

Concen: 0.88 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion: 94 Resp: 10495

Ion Ratio Lower Upper

94 100

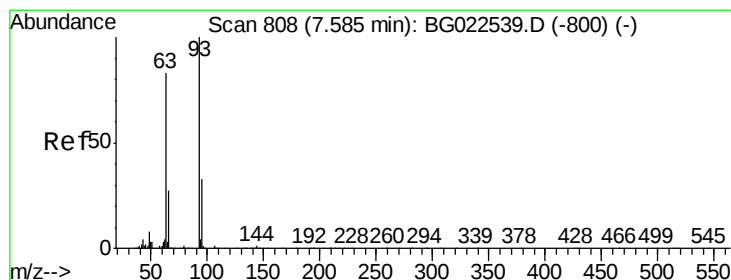
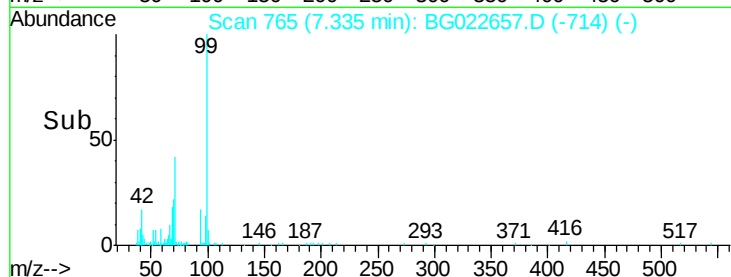
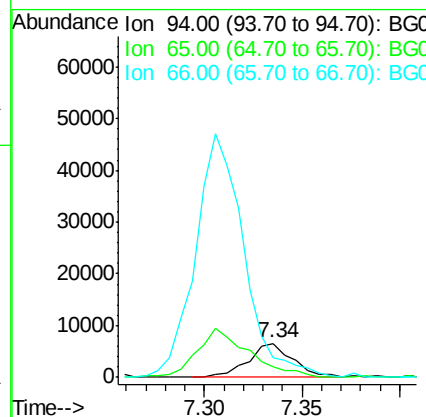
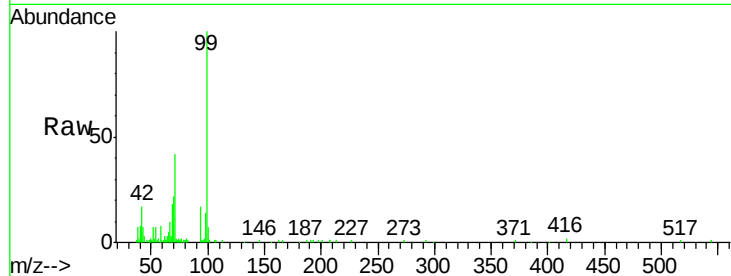
65 29.9 18.1 58.1

66 57.7 42.1 82.1

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 0.78 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.02 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

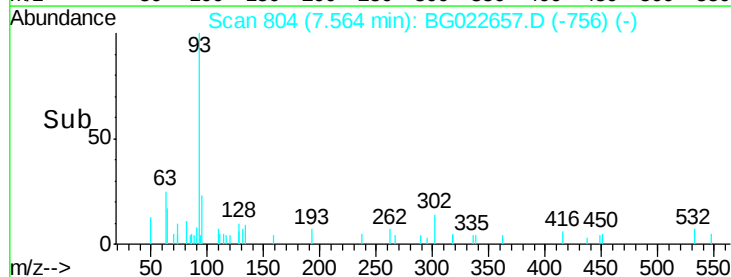
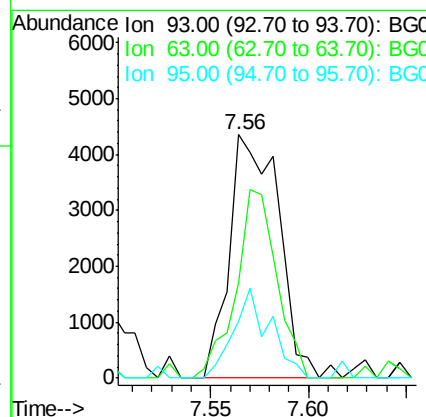
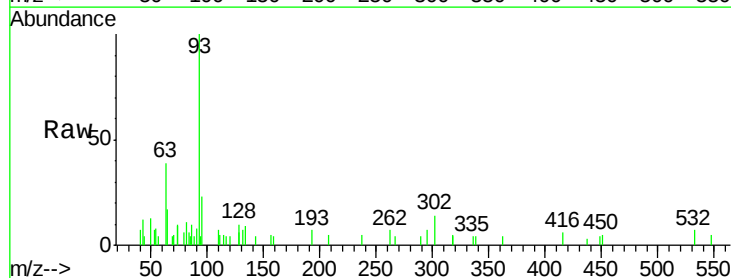
Tgt Ion: 93 Resp: 7673

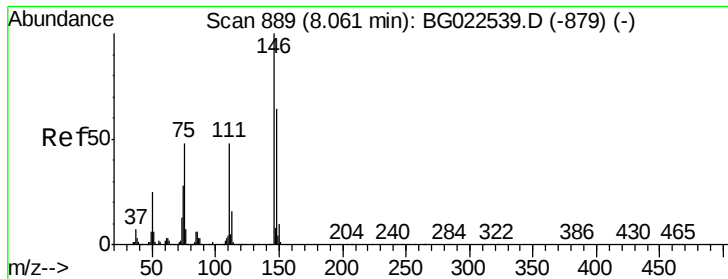
Ion Ratio Lower Upper

93 100

63 39.0 55.0 95.0#

95 23.5 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 0.67 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG022657.D

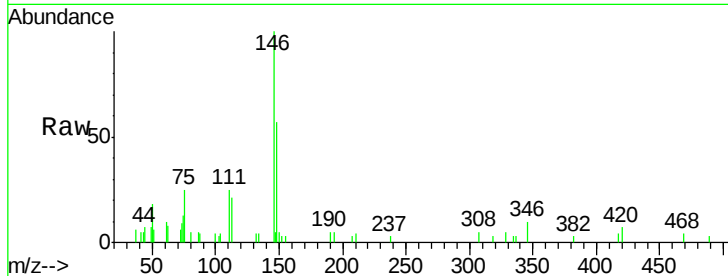
Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

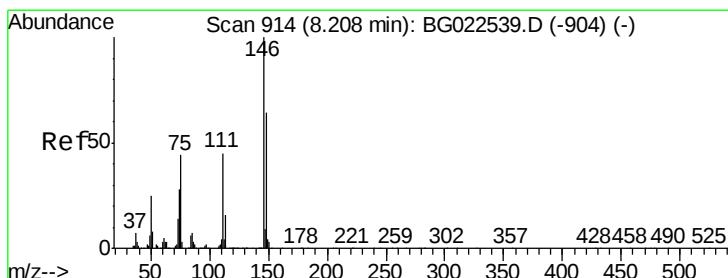
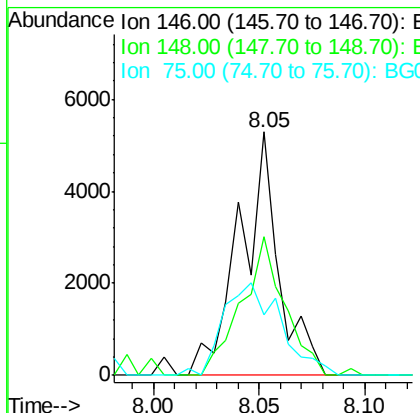
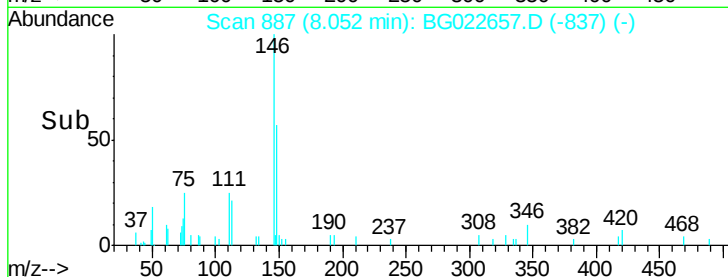


Tot Ion:	146	Resp:	6804
Ion Ratio	Lower	Upper	
146	100		
148	56.8	50.3	75.5
75	24.9	37.0	55.6#

Manual Integrations

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#13

1,4-Dichlorobenzene

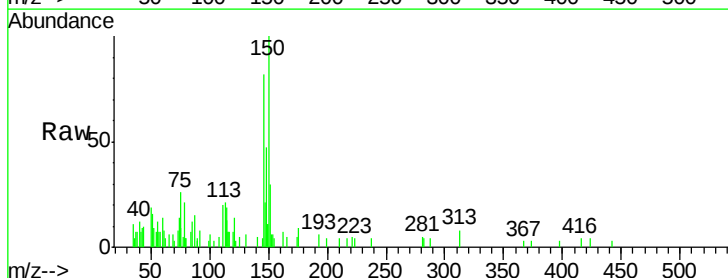
Concen: 0.65 ng

RT: 8.19 min Scan# 911

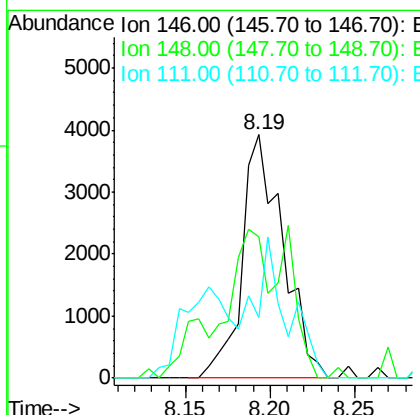
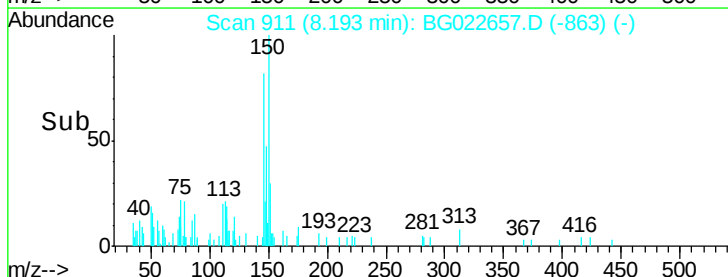
Delta R.T. -0.02 min

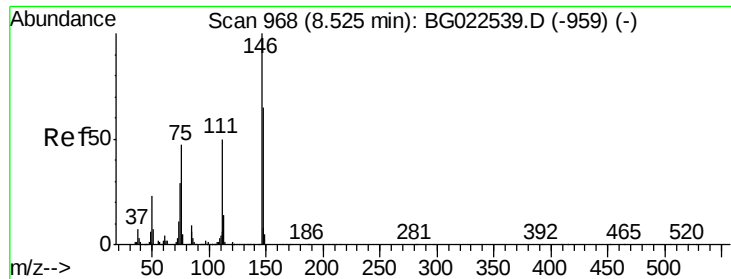
Lab File: BG022657.D

Acq: 28 Jun 2016 00:38



Tgt Ion:	146	Resp:	6600
Ion Ratio	Lower	Upper	
146	100		
148	58.2	54.5	81.7
111	24.9	37.8	56.8#





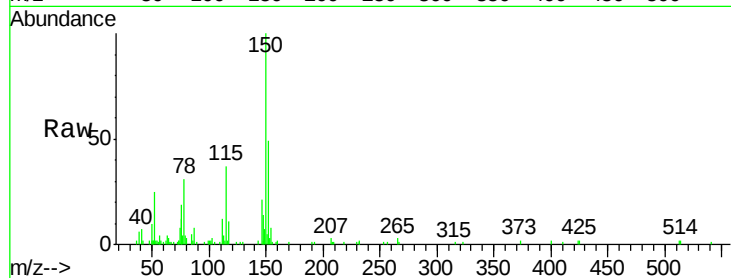
#14
 1,2-Dichlorobenzene
 Concen: 0.67 ng
 RT: 8.52 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.3	52.9	79.3
111	56.1	43.5	65.3

Manual Integrations

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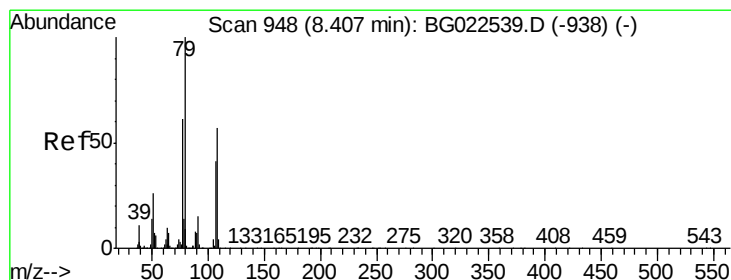
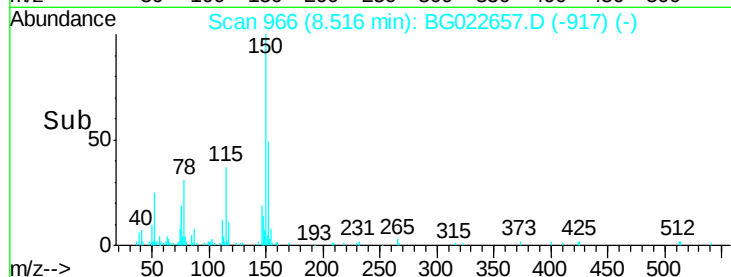
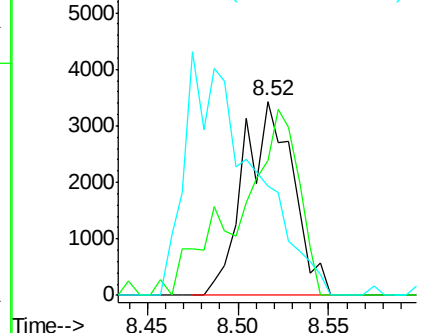


Abundance

Ion 146.00 (145.70 to 146.70): E

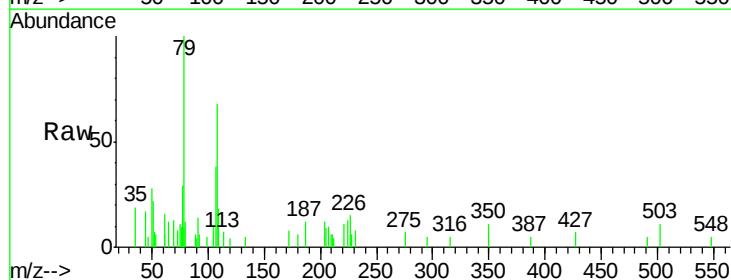
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
 Benzyl Alcohol
 Concen: 0.66 ng
 RT: 8.40 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
79	100		
108	67.9	46.5	69.7
77	29.2	52.3	78.5#

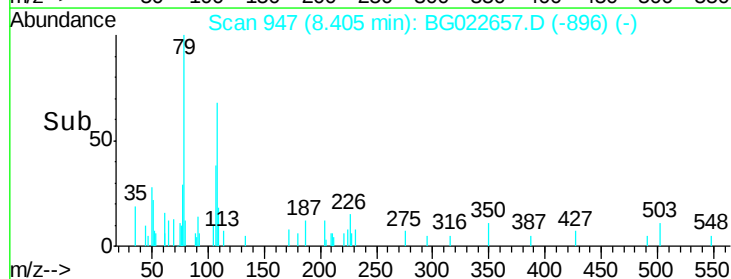
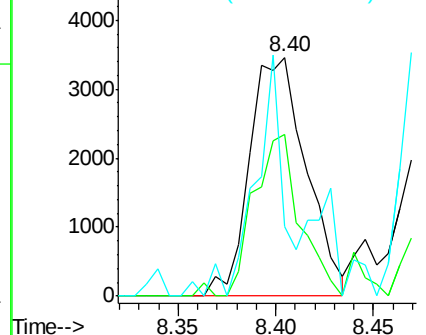


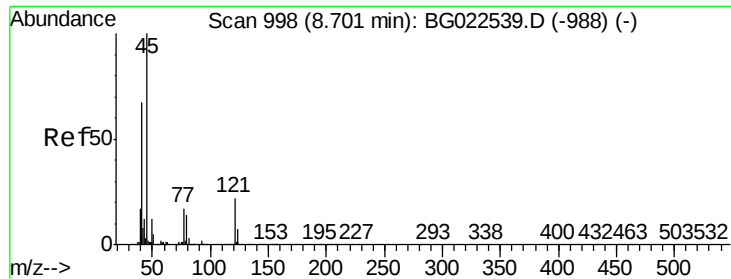
Abundance

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





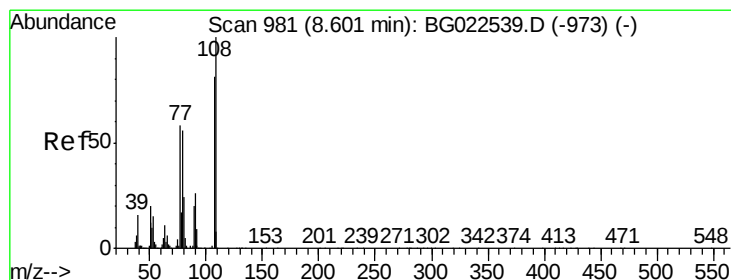
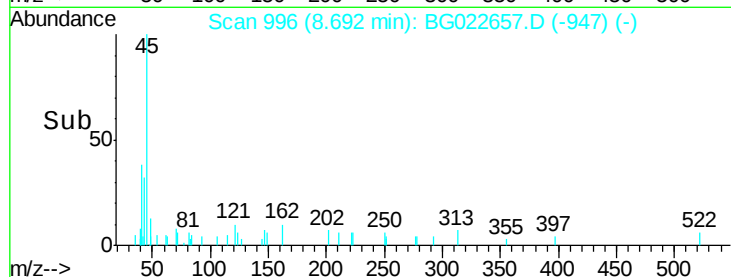
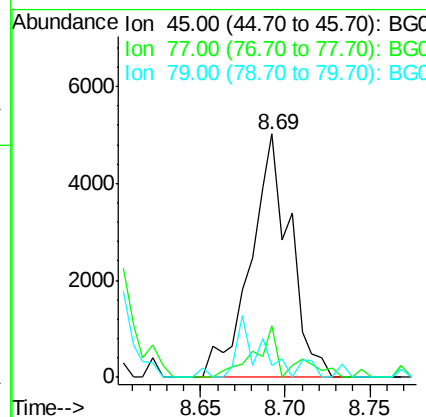
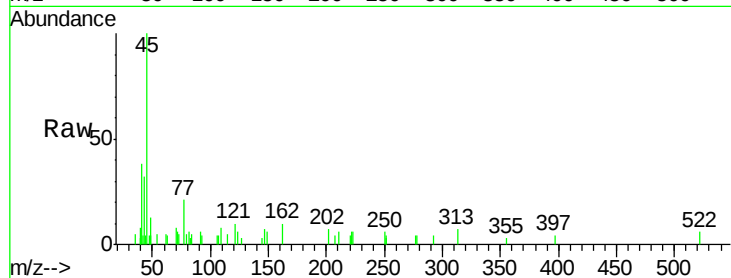
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.75 ng
RT: 8.69 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
45	100		
77	21.0	0.6	40.6
79	4.9	0.0	36.2

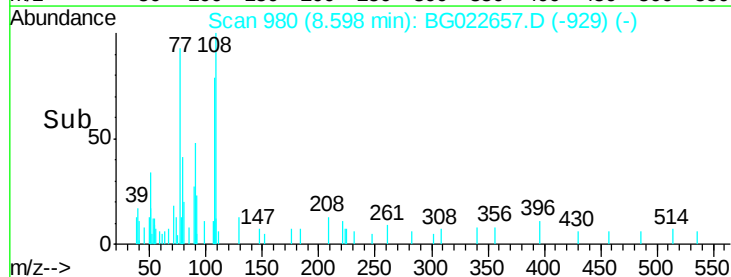
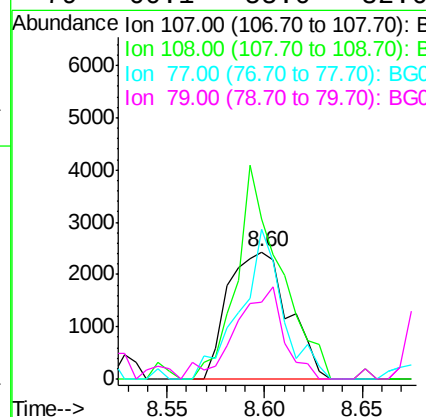
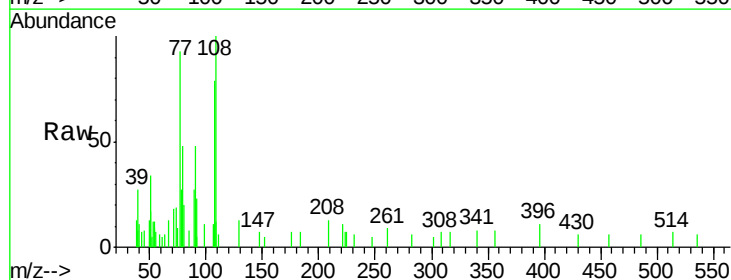
Manual Integrations

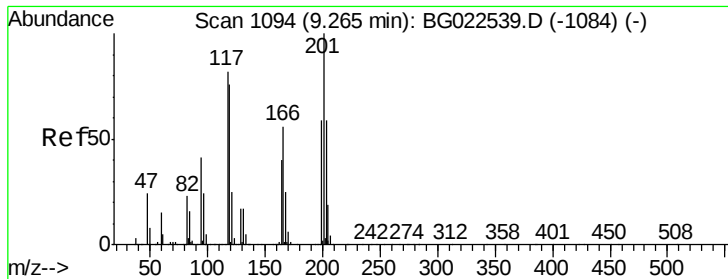
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#17
2-Methylphenol
Concen: 0.66 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	126.3	92.0	138.0
77	118.1	55.8	83.6
79	60.1	55.0	82.6





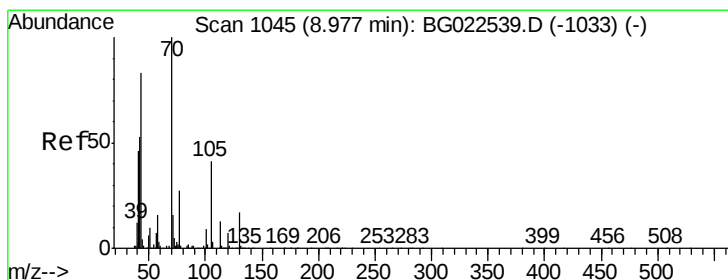
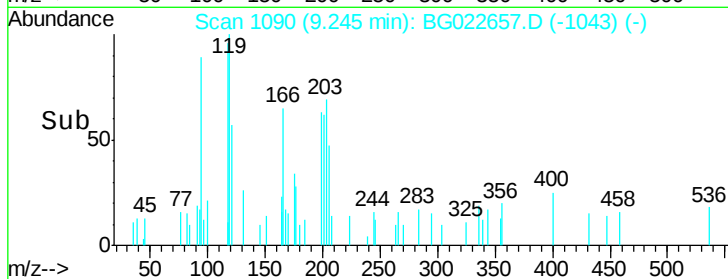
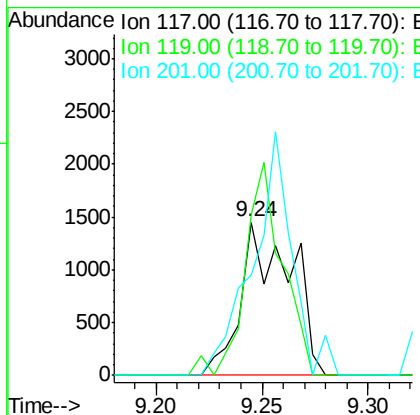
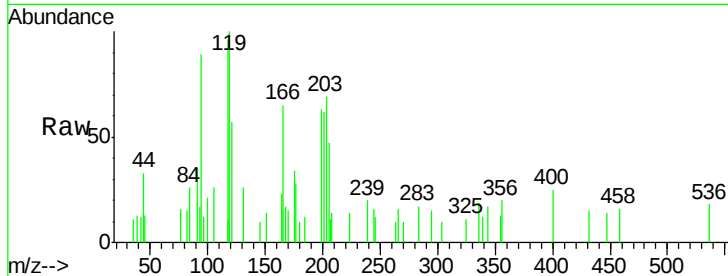
#18
Hexachloroethane
Concen: 0.57 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
117	100		
119	104.5	73.7	110.5
201	65.2	88.7	133.1#

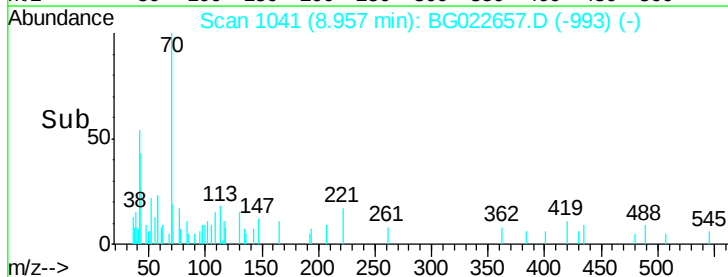
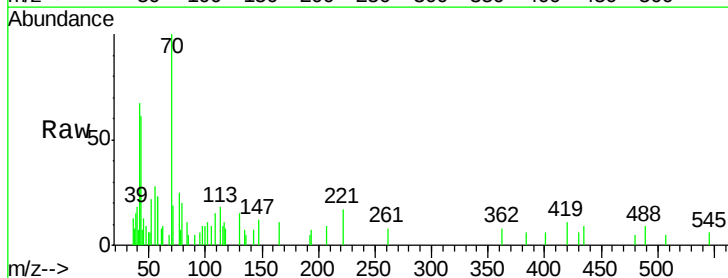
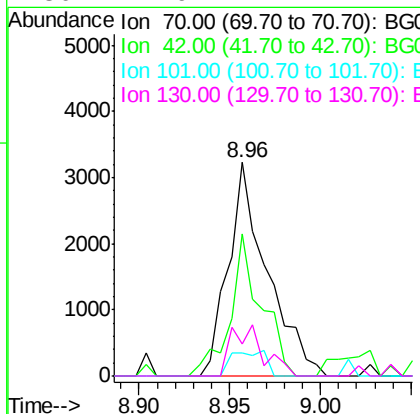
Manual Integrations

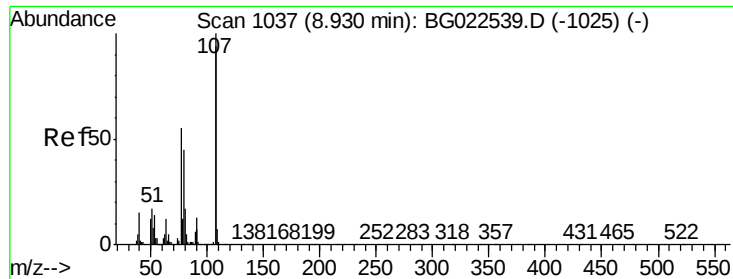
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#19
n-Nitroso-di-n-propylamine
Concen: 0.51 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.6	42.1	63.1#
101	10.5	7.2	10.8
130	14.9	14.2	21.2





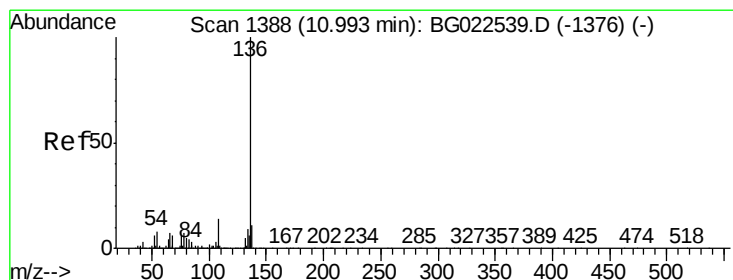
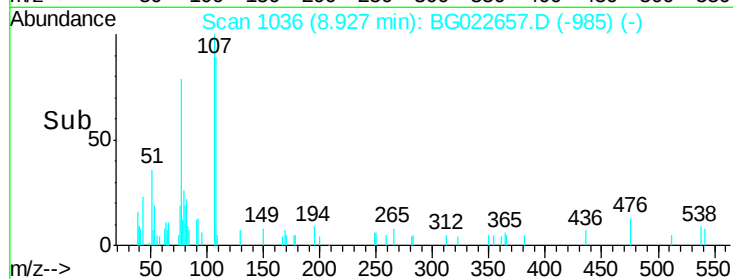
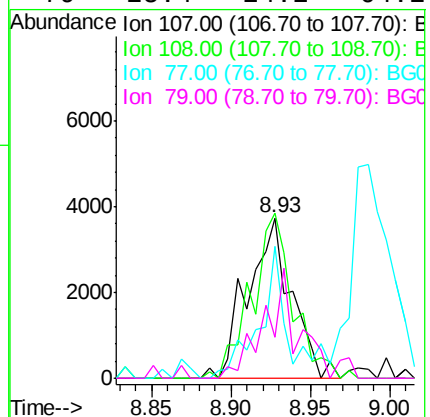
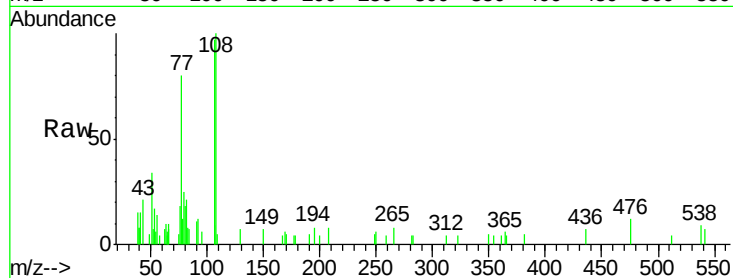
#20
3+4-Methylphenols
Concen: 0.66 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:	107	Resp:	7125
Ion Ratio	Lower	Upper	
107	100		
108	103.2	72.5	112.5
77	82.6	30.1	70.1
79	25.4	24.2	64.2

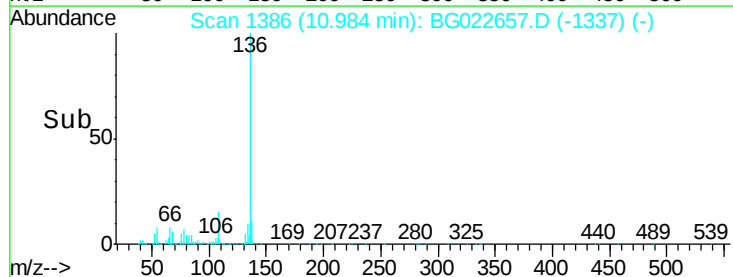
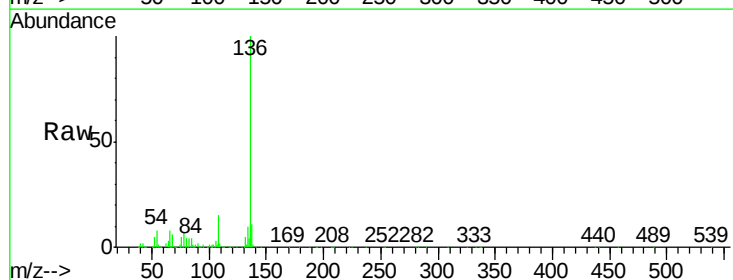
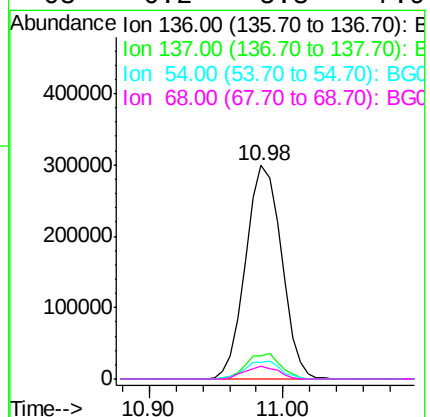
Manual Integrations

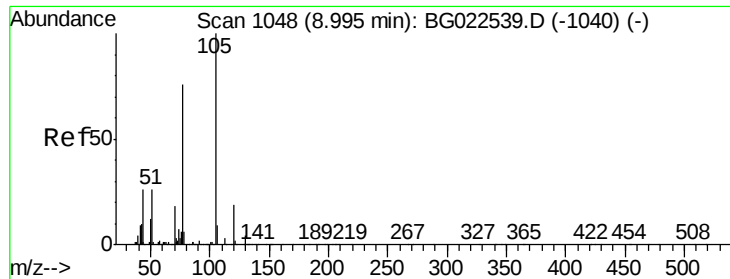
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion:	136	Resp:	556452
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.6	14.4
54	8.0	7.3	10.9
68	6.2	5.3	7.9





#22

Acetophenone

Concen: 0.59 ng

RT: 8.99 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG022657.D

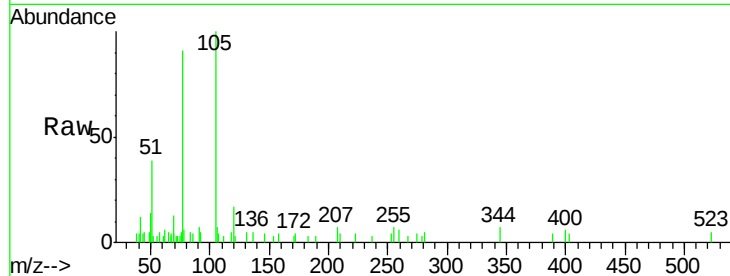
Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

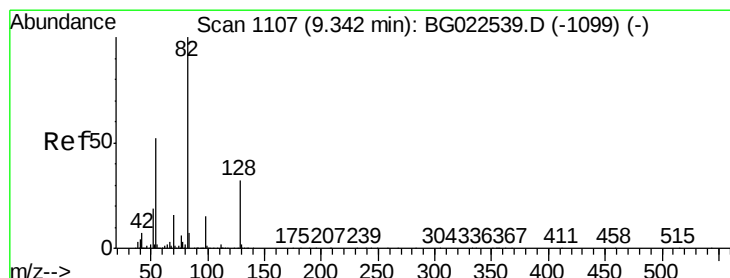
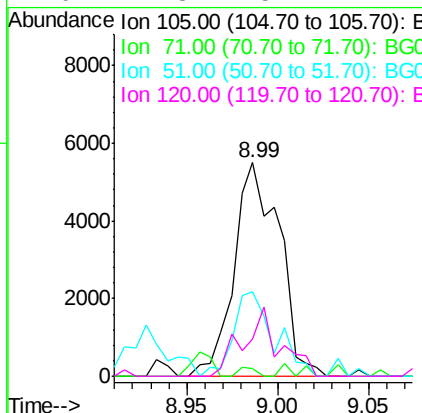
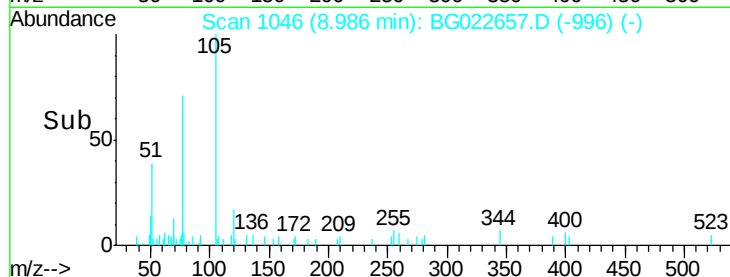


Tot Ion:	105	Resp:	9555
Ion Ratio	Lower	Upper	
105	100		
71	3.5	2.6	3.8
51	39.4	27.1	40.7
120	17.3	15.1	22.7

Manual Integrations

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#23

Nitrobenzene-d5

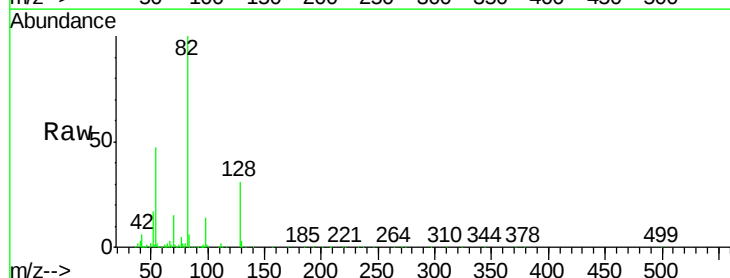
Concen: 62.98 ng

RT: 9.33 min Scan# 1105

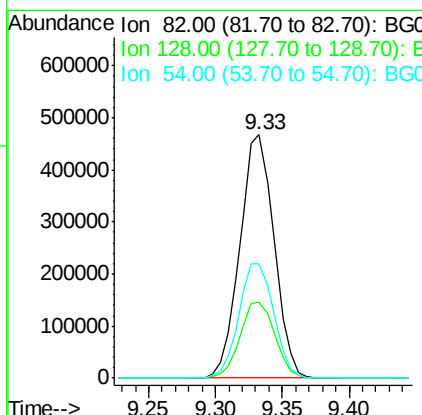
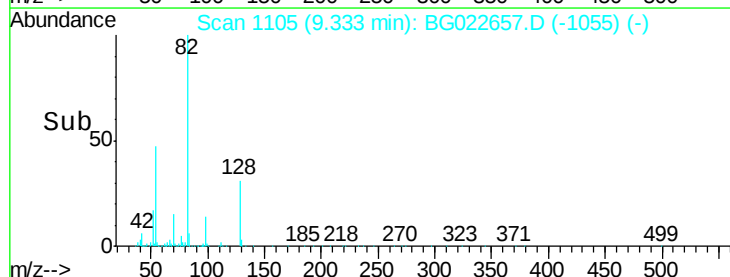
Delta R.T. -0.00 min

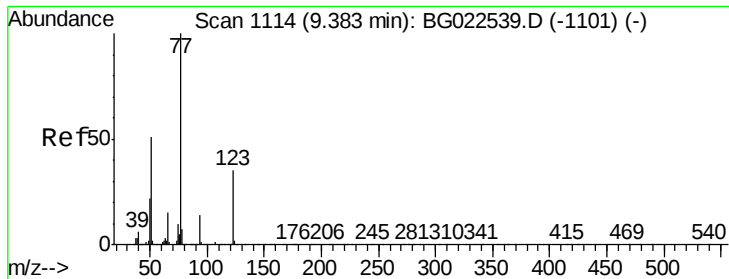
Lab File: BG022657.D

Acq: 28 Jun 2016 00:38



Tgt Ion:	82	Resp:	828000
Ion Ratio	Lower	Upper	
82	100		
128	31.3	24.4	36.6
54	46.9	41.4	62.0





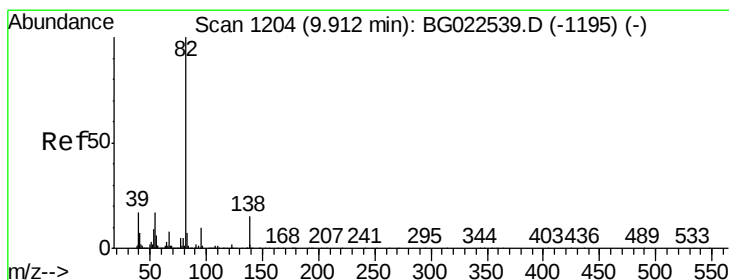
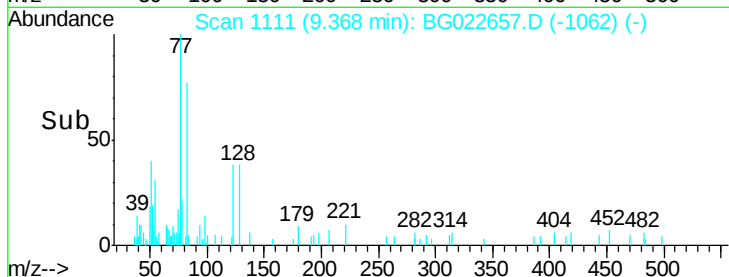
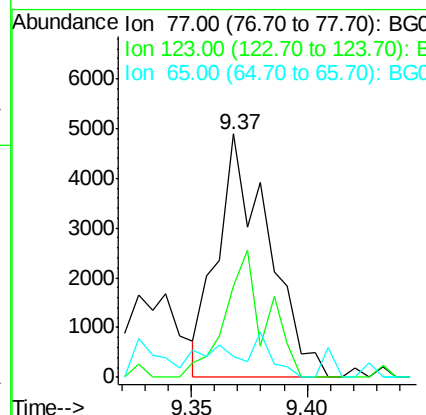
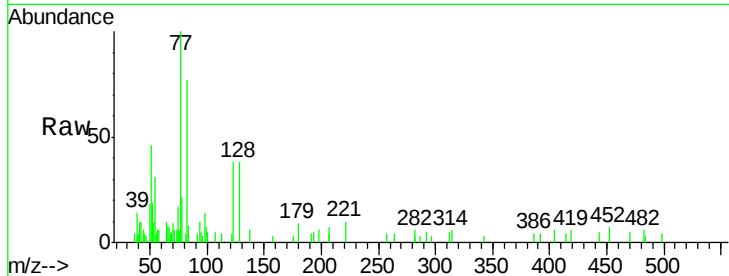
#24
 Nitrobenzene
 Concen: 0.51 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
123	123	37.7	25.0	37.6#
65	65	8.5	13.4	20.0#

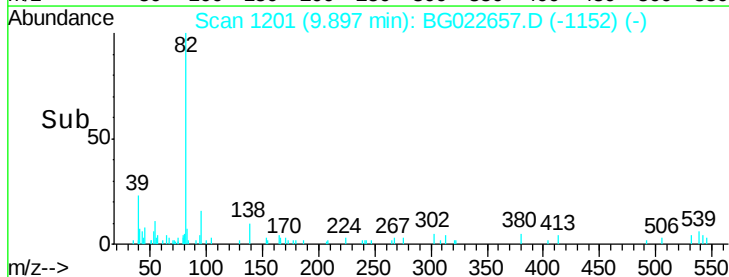
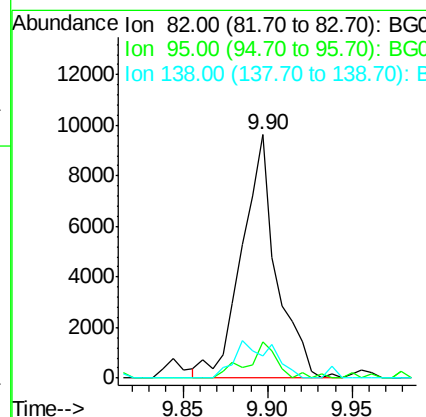
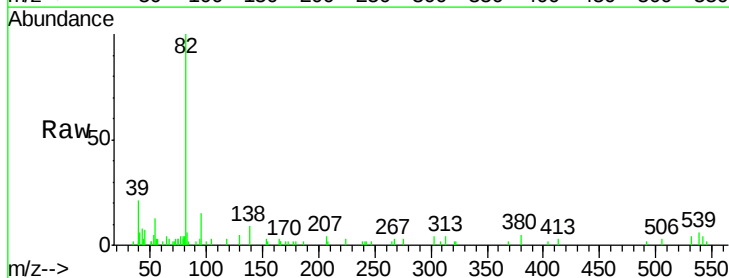
Manual Integrations

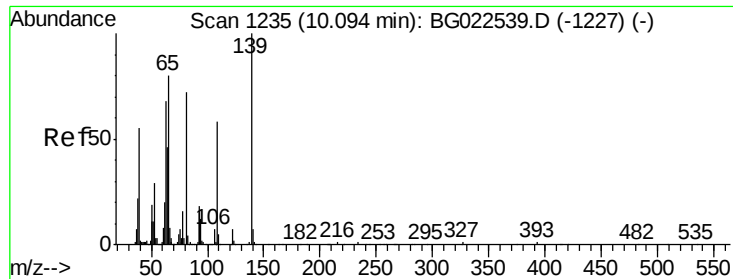
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#25
 Isophorone
 Concen: 0.54 ng
 RT: 9.90 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
82	82	100		
95	95	15.1	8.2	12.2#
138	138	9.1	10.7	16.1#





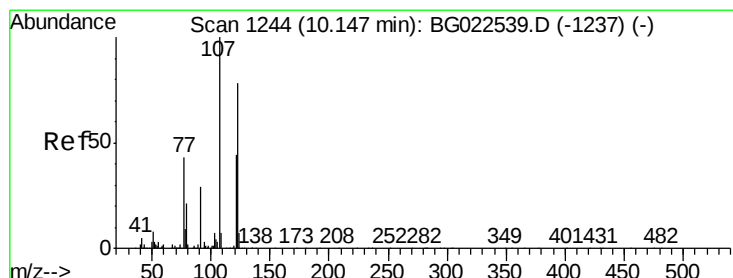
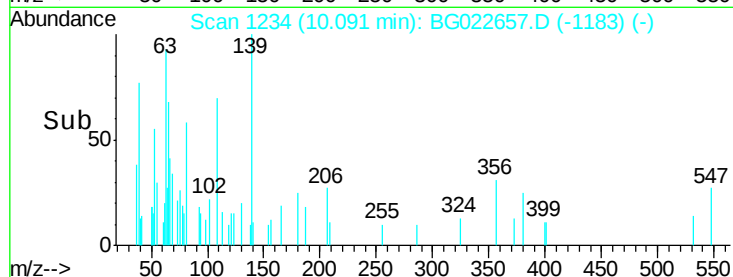
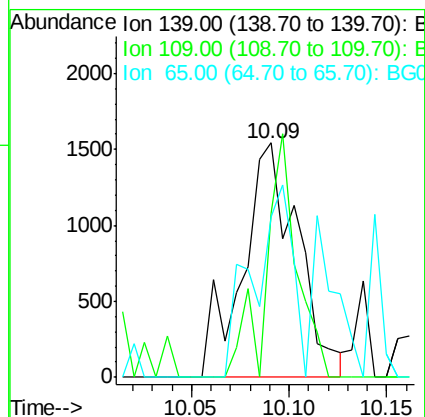
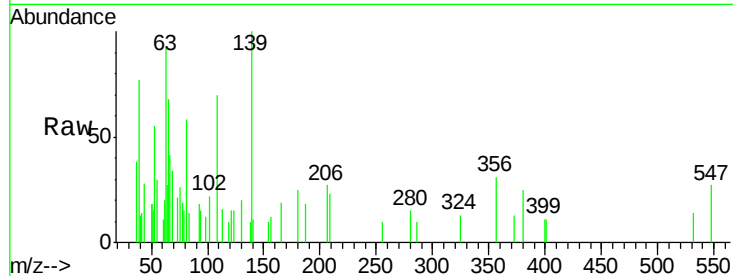
#26
2-Nitrophenol
Concen: 0.58 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.3	43.5	65.3#
65	68.4	64.3	96.5

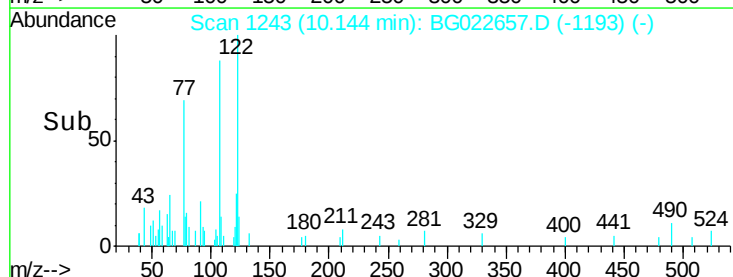
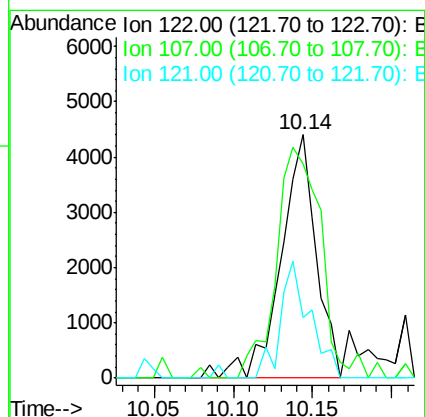
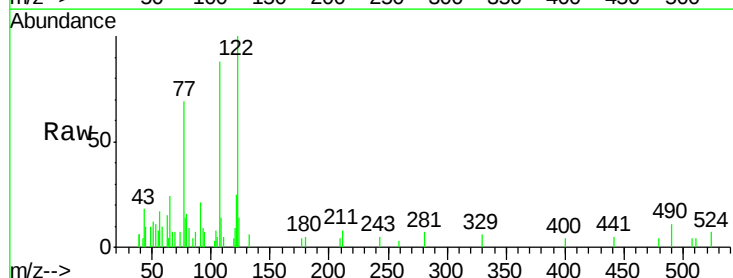
Manual Integrations

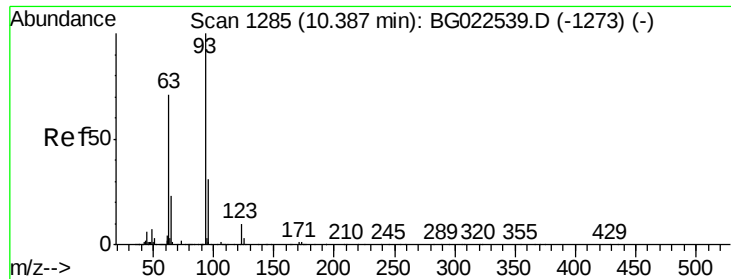
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#27
2,4-Dimethylphenol
Concen: 0.68 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
122	100		
107	88.0	117.0	175.4#
121	25.1	50.1	75.1#





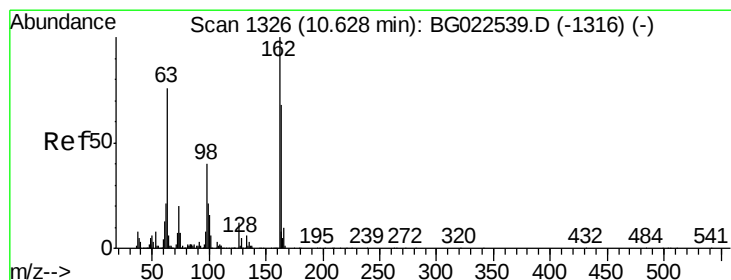
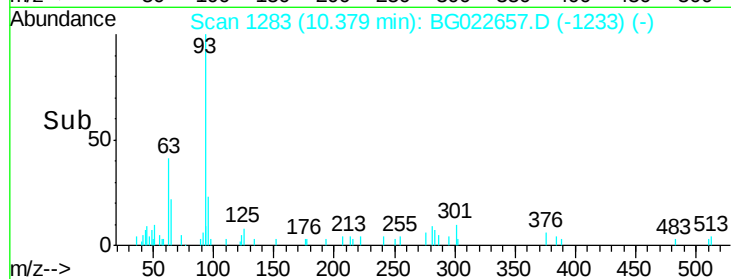
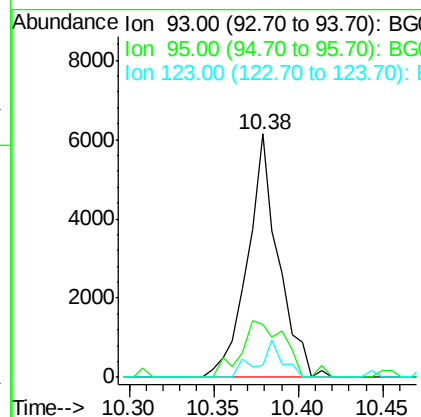
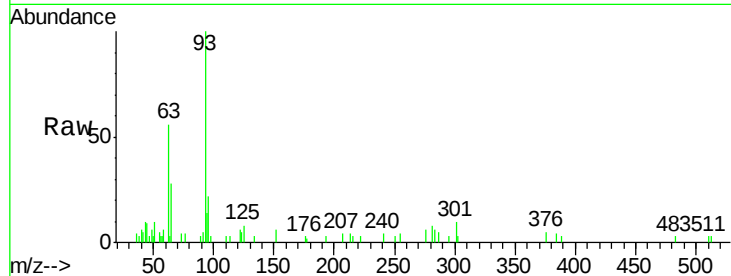
#28
bis(2-Chloroethoxy)methane
Concen: 0.56 ng
RT: 10.38 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
93	100		
95	22.0	25.4	38.2#
123	5.1	8.2	12.2#

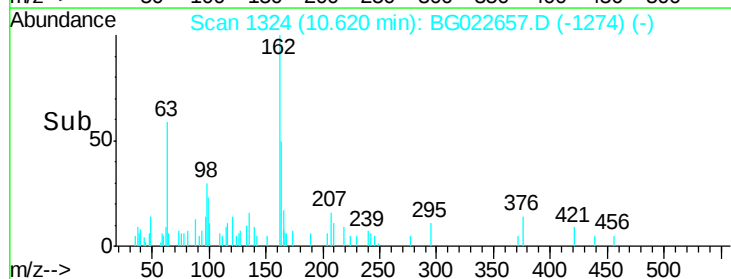
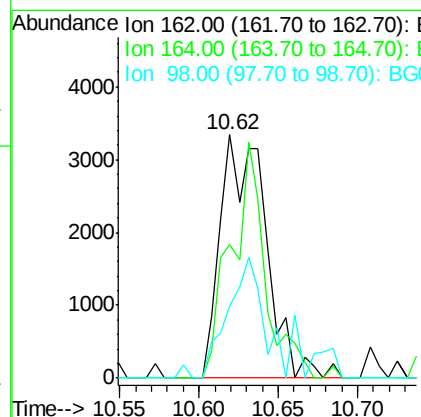
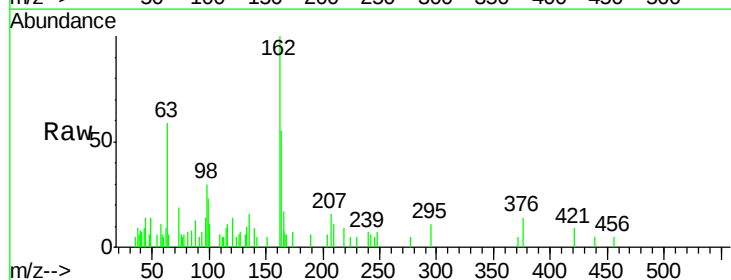
Manual Integrations

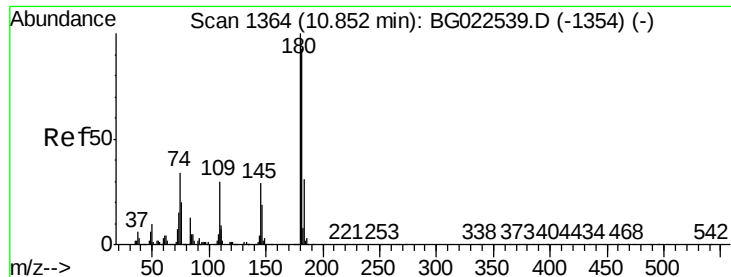
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#29
2,4-Dichlorophenol
Concen: 0.68 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
162	100		
164	54.8	44.3	84.3
98	29.8	19.5	59.5





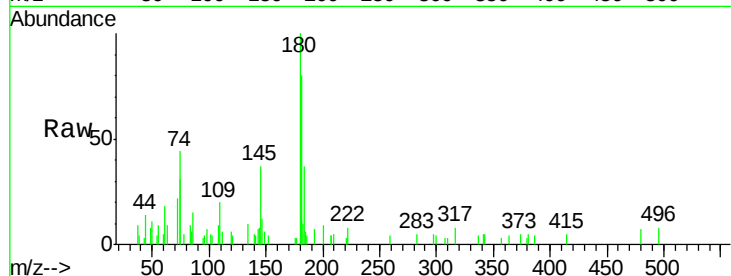
#30
 1,2,4-Trichlorobenzene
 Concen: 0.61 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

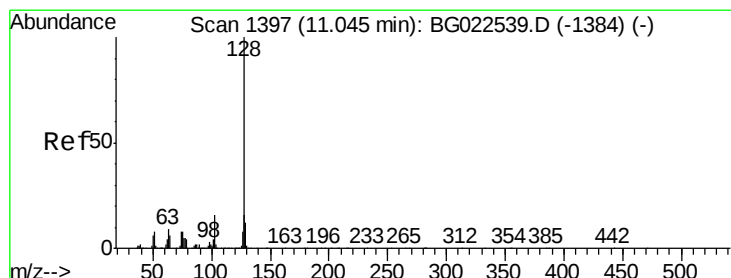
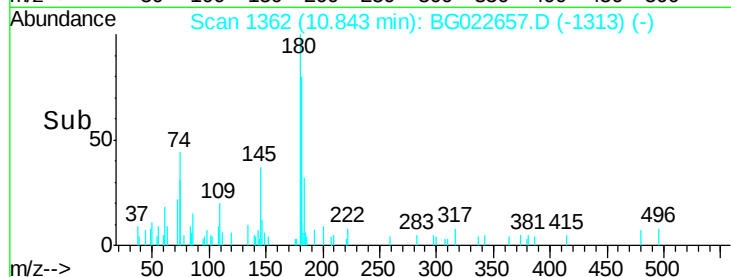
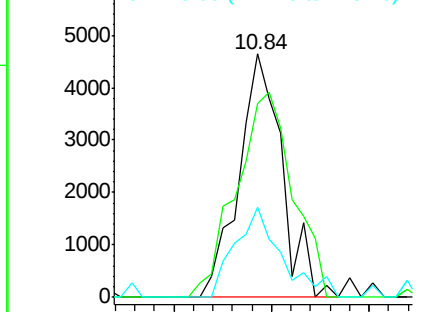
Tot Ion	Ratio	Lower	Upper
180	100		
182	79.5	73.8	110.8
145	36.9	24.4	36.6

Manual Integrations

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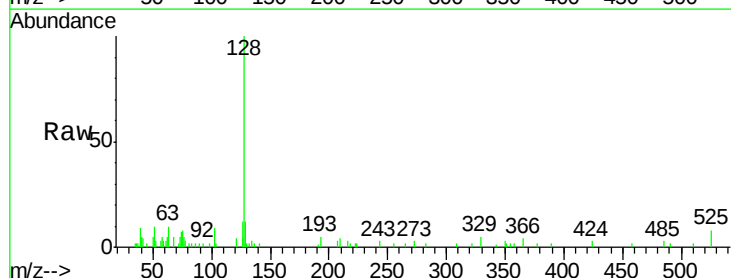


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

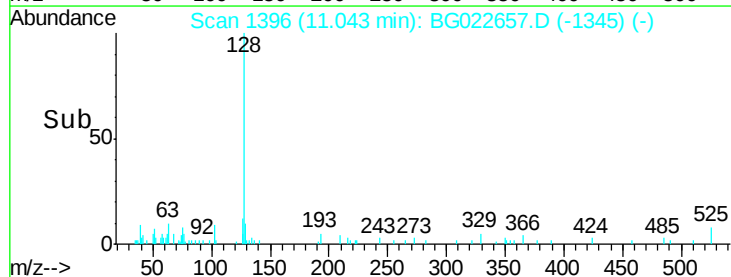
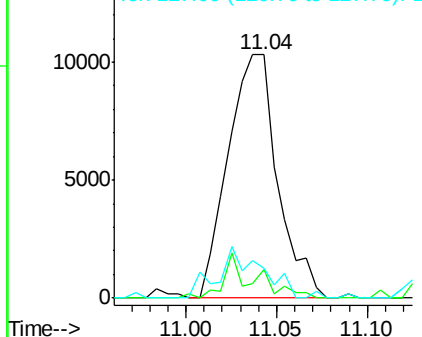


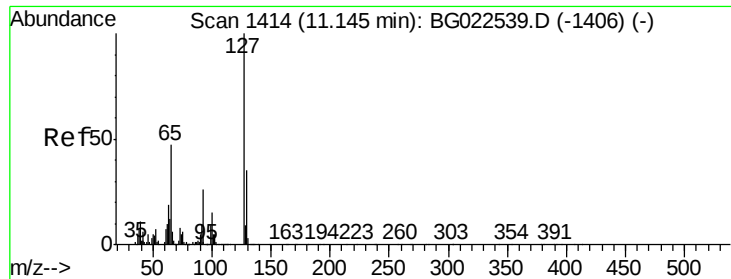
#31
 Naphthalene
 Concen: 0.70 ng
 RT: 11.04 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	12.4	11.3	16.9



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





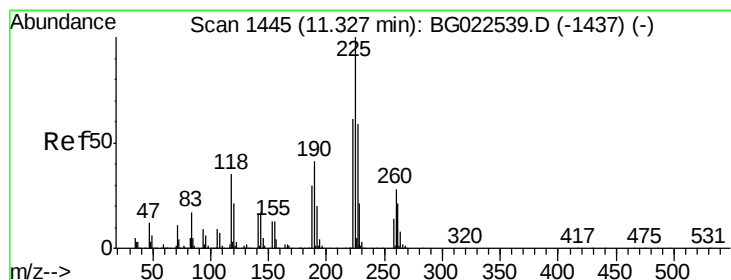
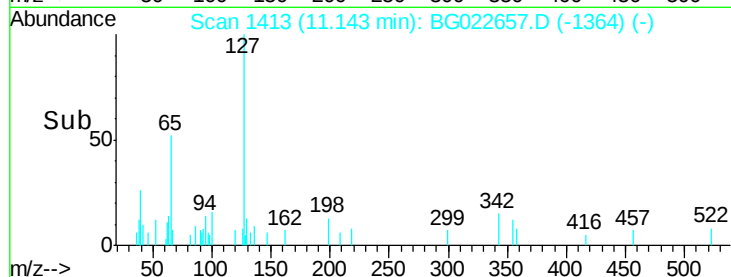
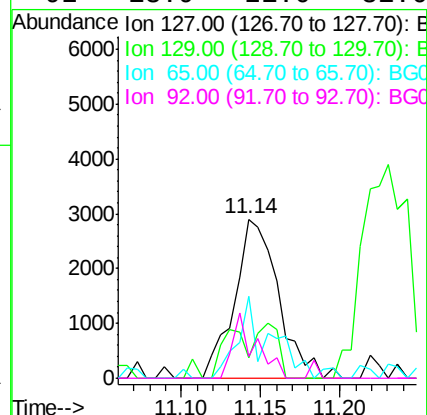
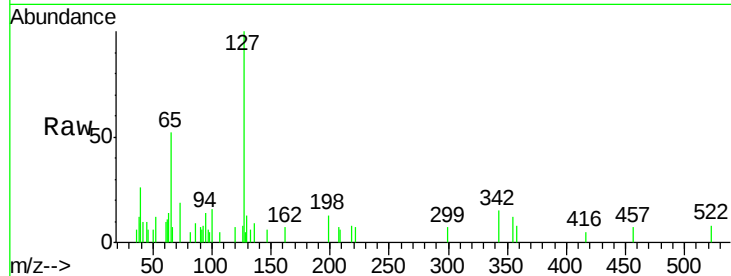
#33
4-Chloroaniline
Concen: 0.47 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		5612		
129	12.7	27.9	41.9#		
65	51.8	36.8	55.2		
92	13.9	21.0	31.6#		

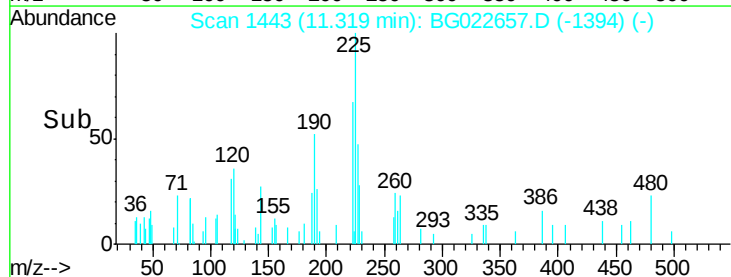
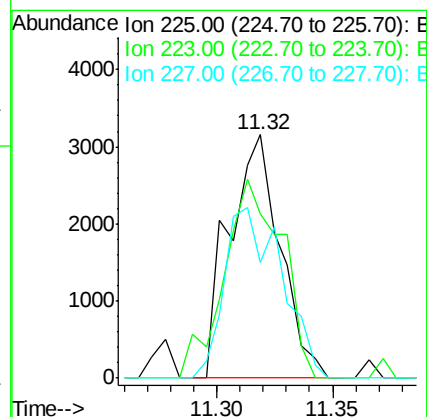
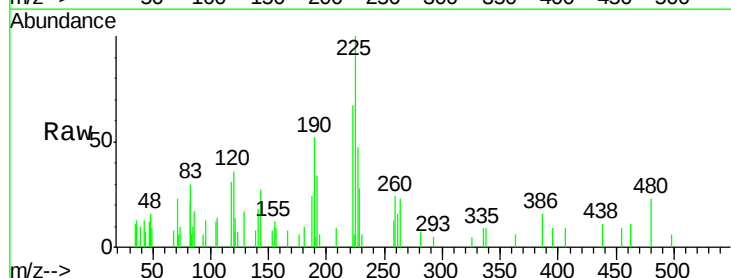
Manual Integrations

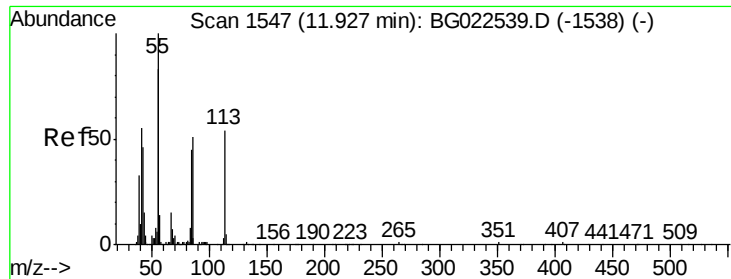
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#34
Hexachlorobutadiene
Concen: 0.54 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		4859		
223	67.4	49.6	74.4		
227	47.5	54.5	81.7#		





#35

Caprolactam

Concen: 0.60 ng

RT: 11.91 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

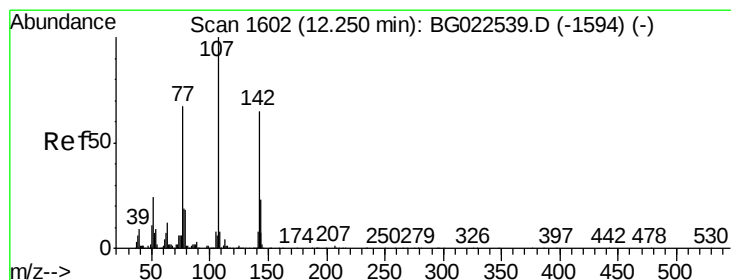
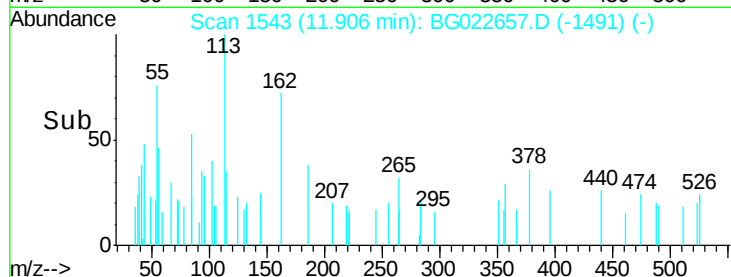
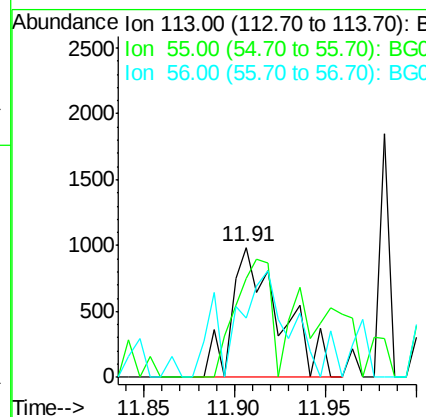
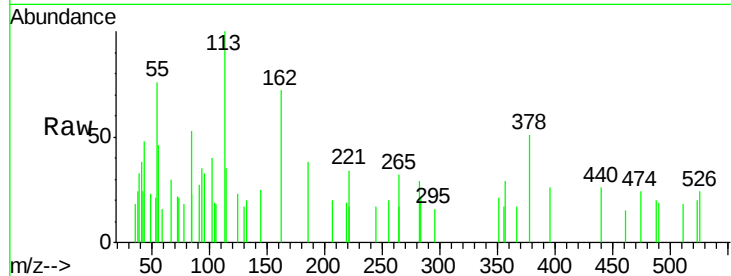
LOD-SOIL2016-01

Tot Ion:	113	Resp:	1832
Ion Ratio	Lower	Upper	
113	100		
55	76.0	154.5	194.5#
56	45.8	125.1	165.1#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 0.66 ng

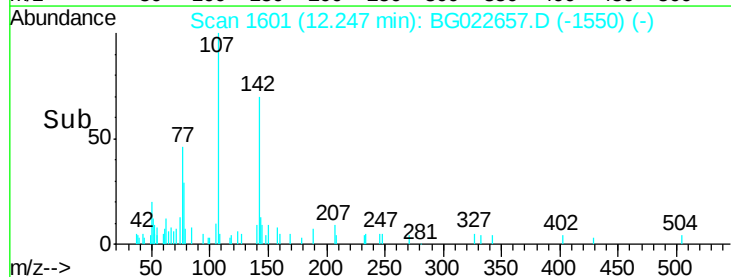
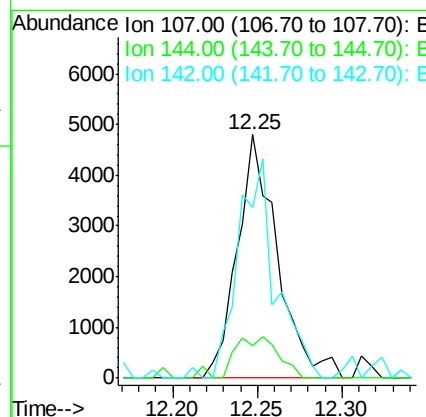
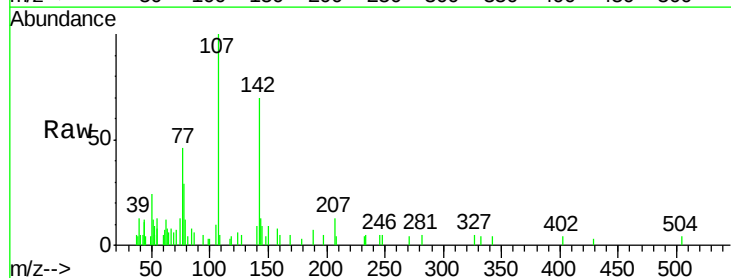
RT: 12.25 min Scan# 1601

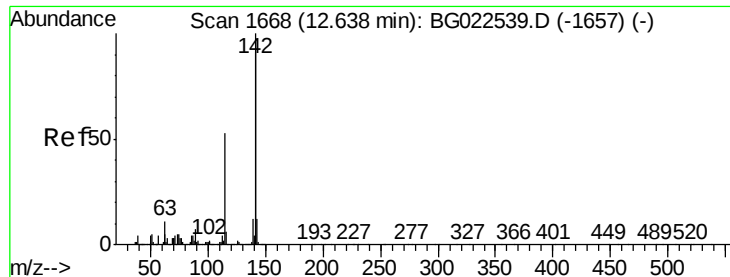
Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	107	Resp:	7907
Ion Ratio	Lower	Upper	
107	100		
144	13.1	17.0	25.6#
142	70.0	53.0	79.6





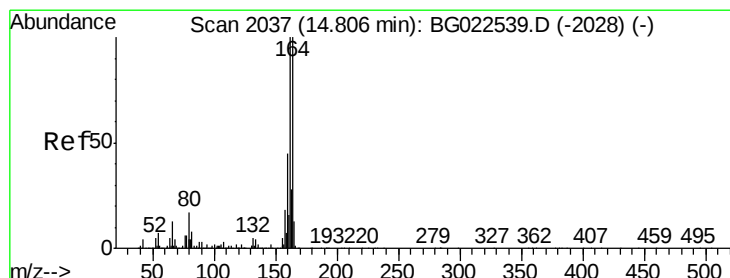
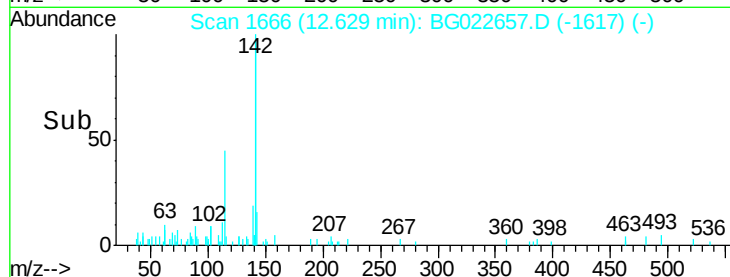
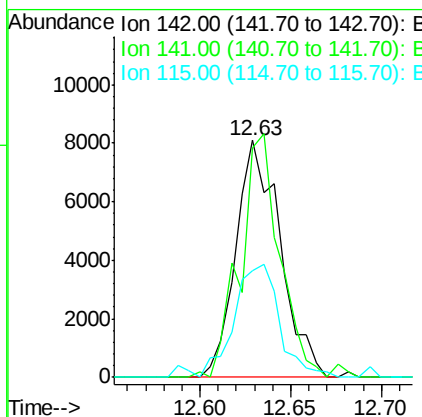
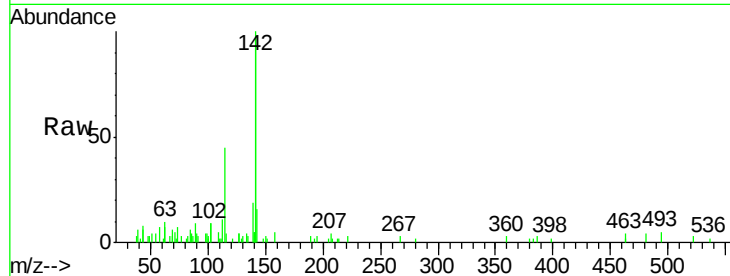
#37
2-Methylnaphthalene
Concen: 0.64 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	97.2	70.2	105.2
115	45.3	41.7	62.5

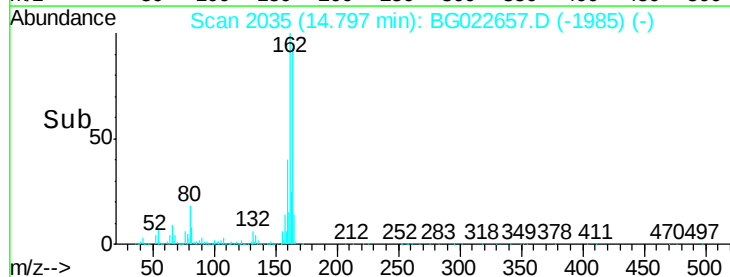
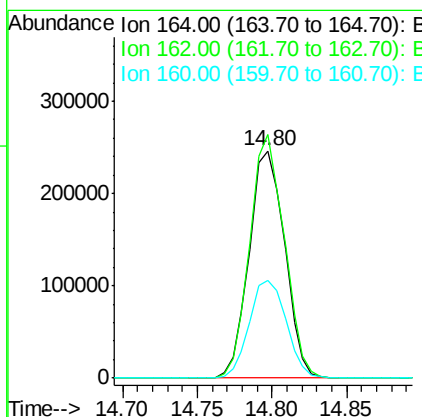
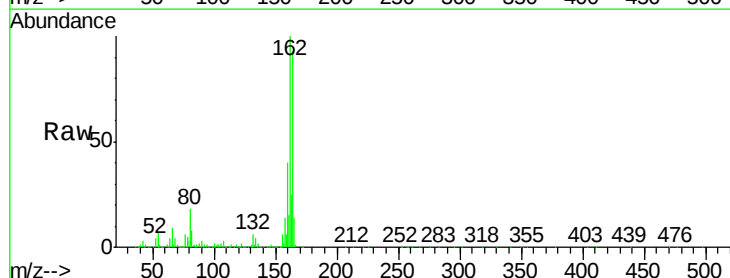
Manual Integrations

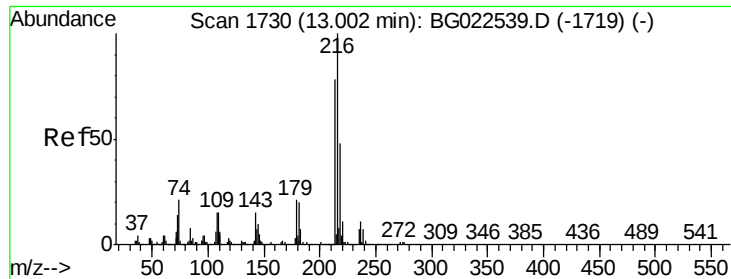
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	87.7	131.5
160	42.8	37.2	55.8





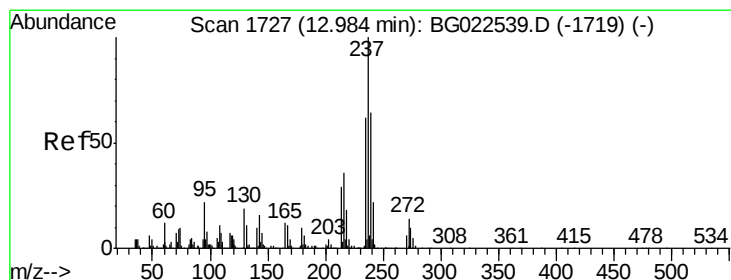
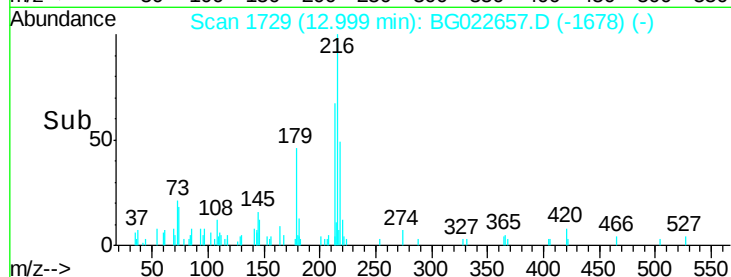
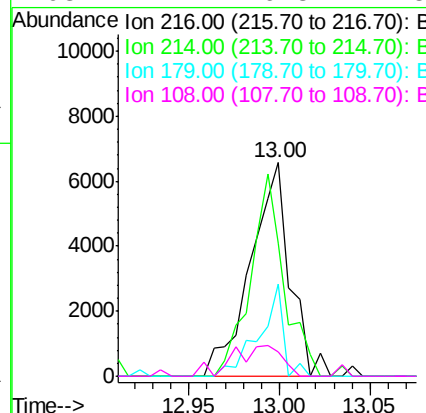
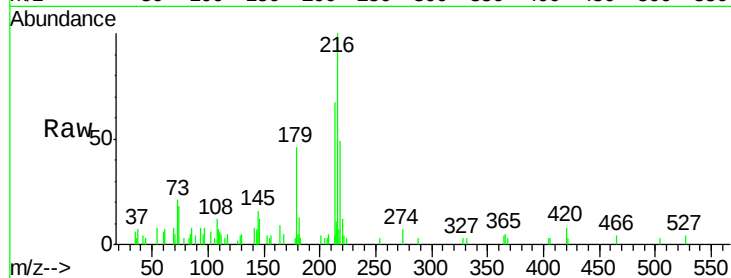
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.65 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.9	94.3
179	26.7	17.2	25.8
108	17.7	16.3	24.5

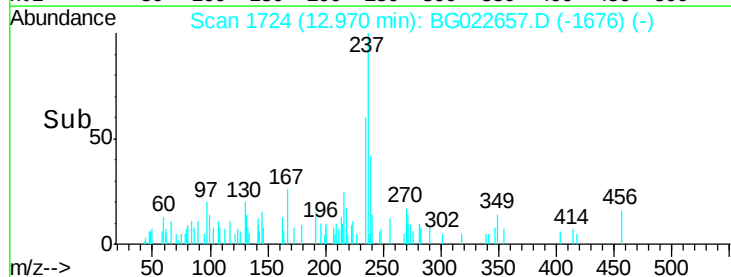
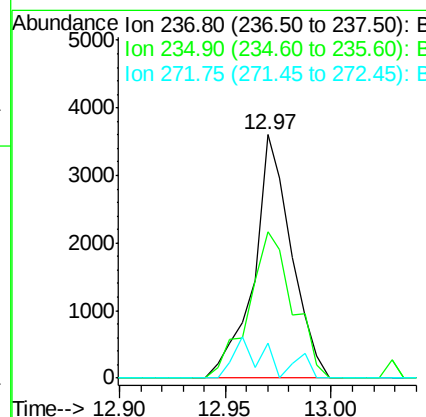
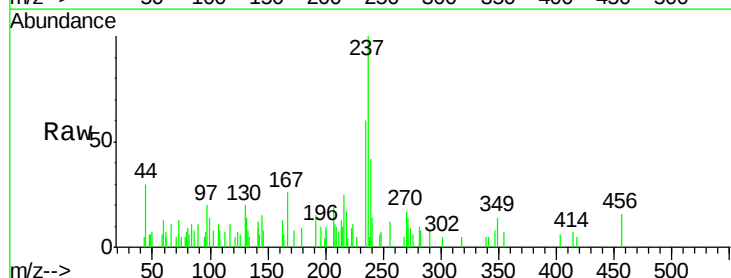
Manual Integrations

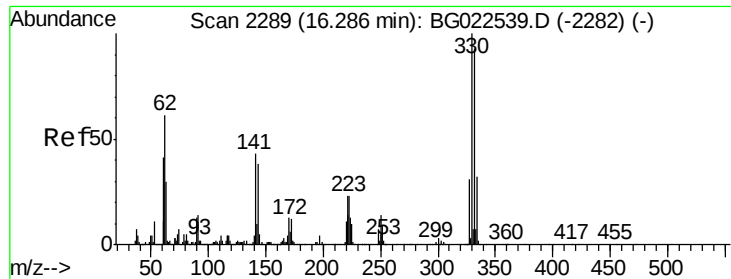
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#40
 Hexachlorocyclopentadiene
 Concen: 0.36 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.02 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.0	43.1	83.1
272	14.4	0.0	30.9





#41

2,4,6-Tribromophenol

Concen: 109.46 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:330 Resp: 698806

Ion Ratio Lower Upper

330 100

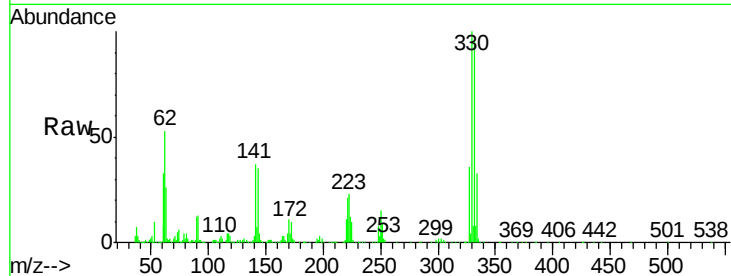
332 95.5 77.4 116.2

141 37.3 31.7 47.5

Manual Integrations

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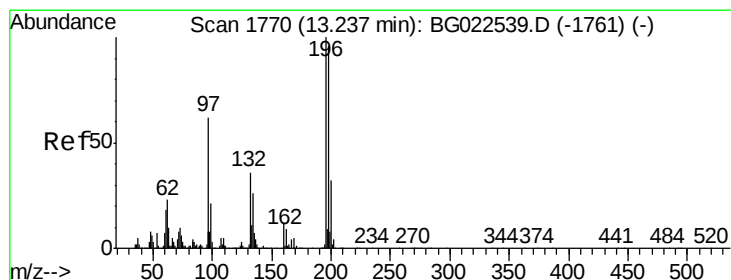
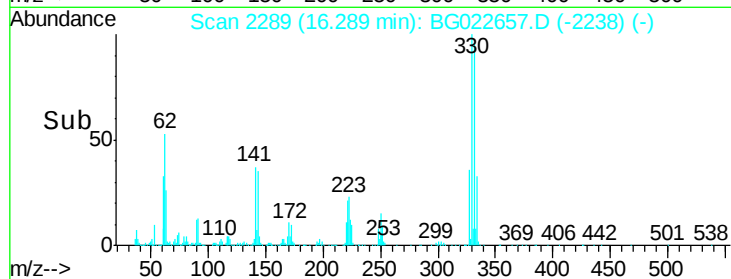
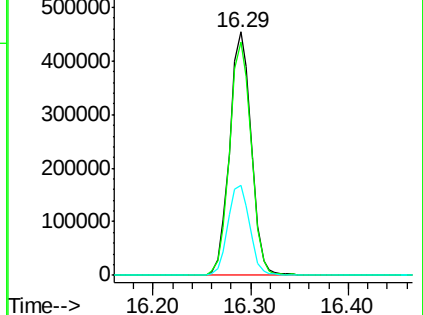
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Abundance Ion 329.80 (329.50 to 330.50): E

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: 13.23 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

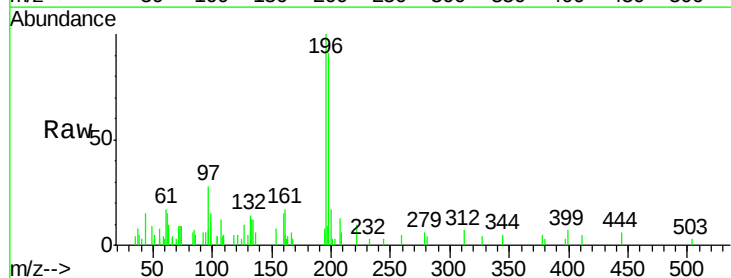
Tgt Ion:196 Resp: 6592

Ion Ratio Lower Upper

196 100

198 91.0 78.2 117.2

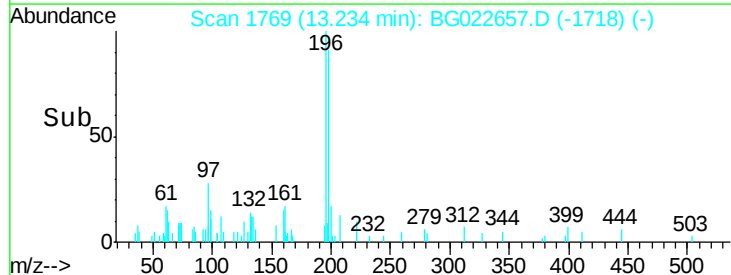
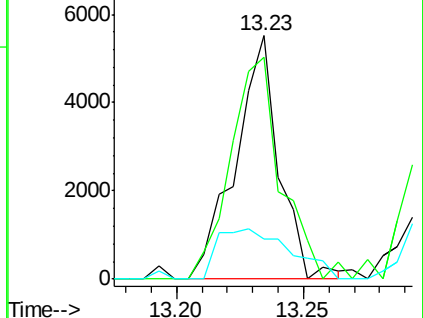
200 16.6 27.0 40.4#

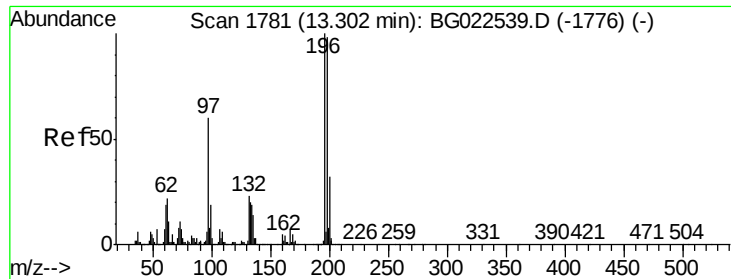


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





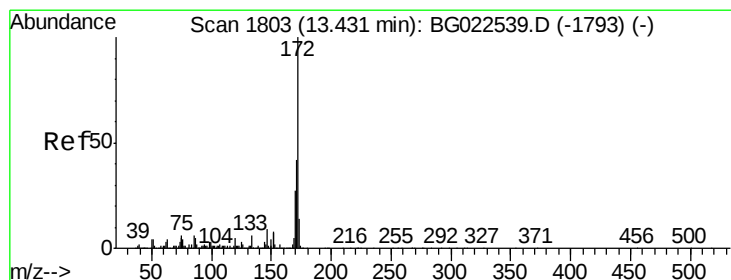
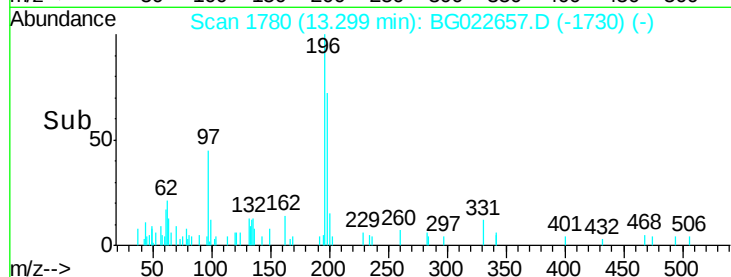
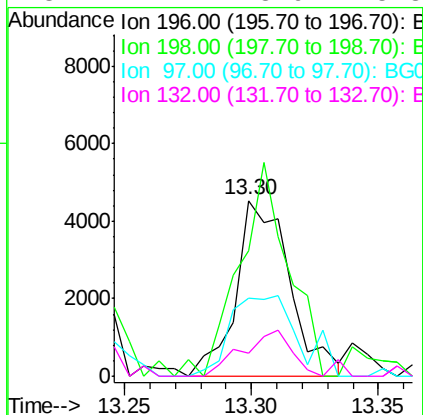
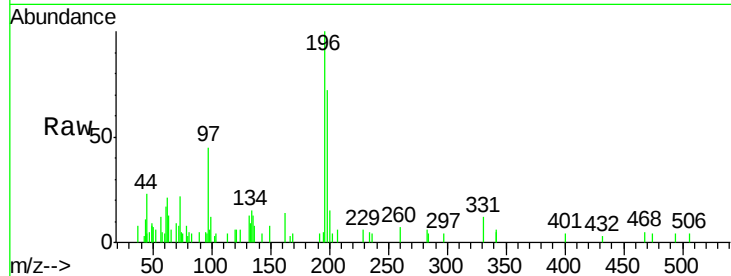
#43
2,4,5-Trichlorophenol
Concen: 0.65 ng
RT: 13.30 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	71.7	85.7	128.5#	
97	44.7	45.5	68.3#	
132	22.1	18.9	28.3	

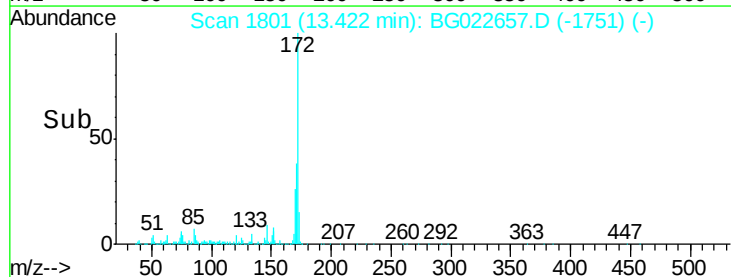
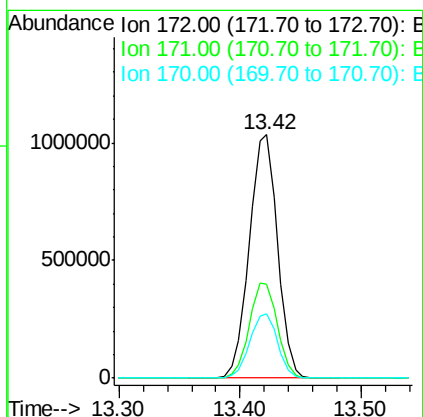
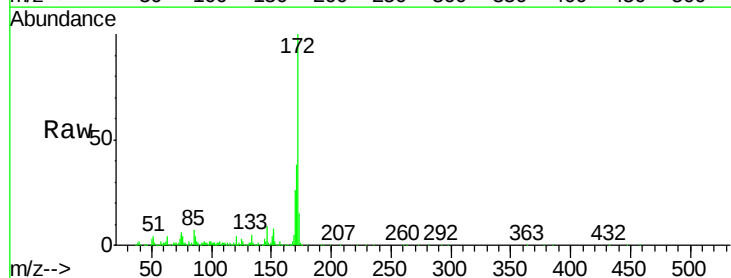
Manual Integrations

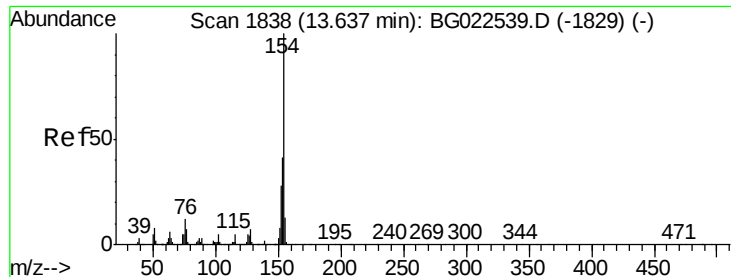
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#44
2-Fluorobiphenyl
Concen: 65.86 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.4	31.6	47.4	
170	26.2	21.3	31.9	





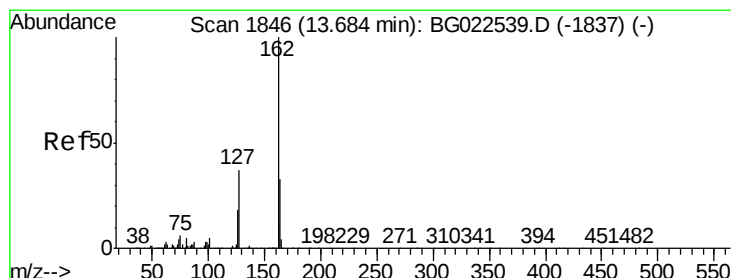
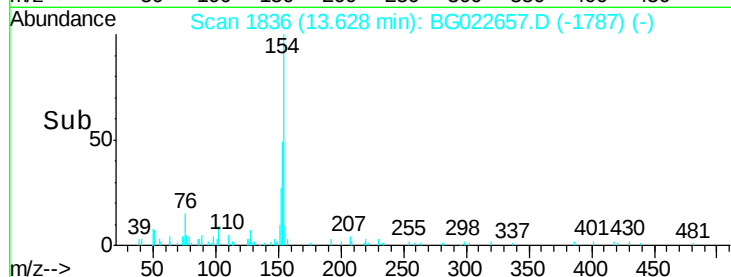
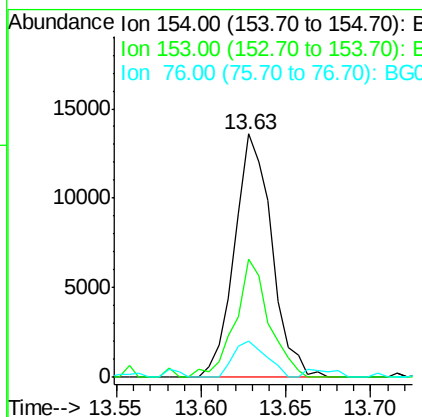
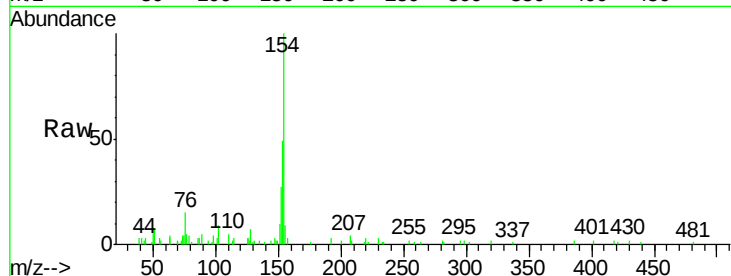
#45
1,1'-Biphenyl
Concen: 0.67 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	48.5	20.2	60.2
76	14.7	0.0	32.9

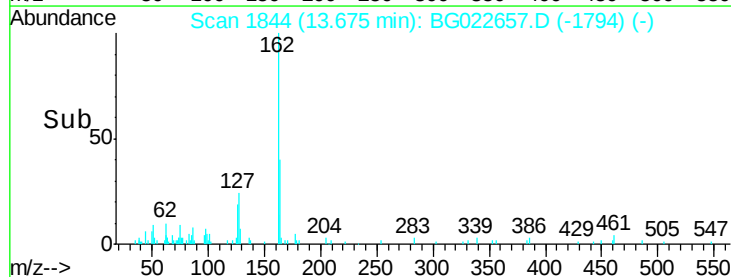
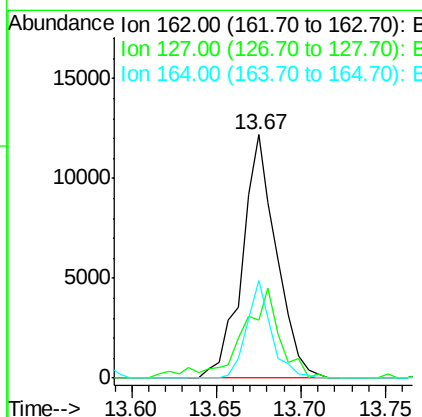
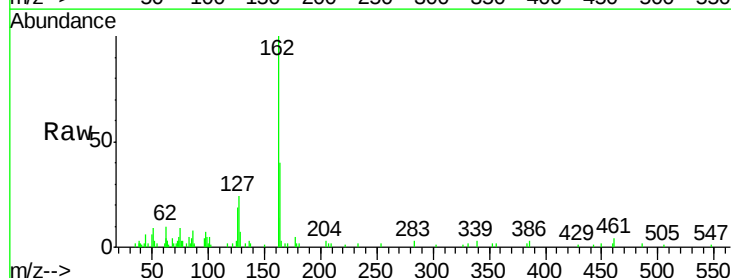
Manual Integrations

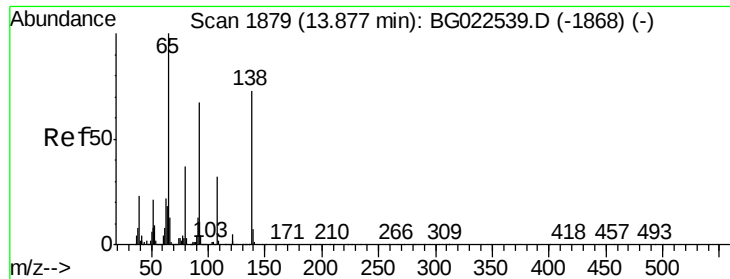
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#46
2-Chloronaphthalene
Concen: 0.67 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	23.8	32.4	48.6#
164	39.9	25.2	37.8#





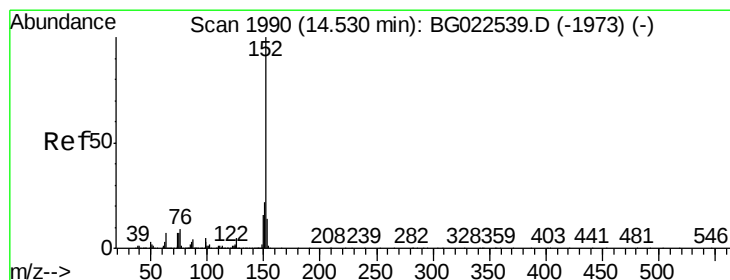
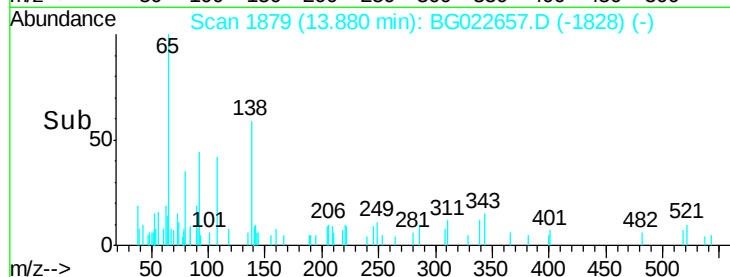
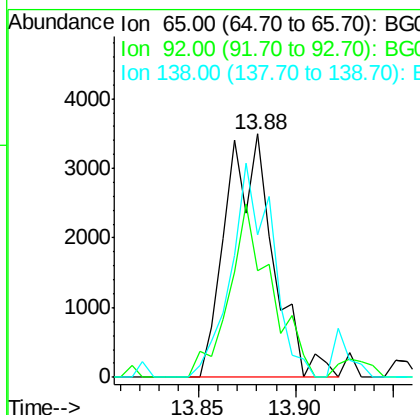
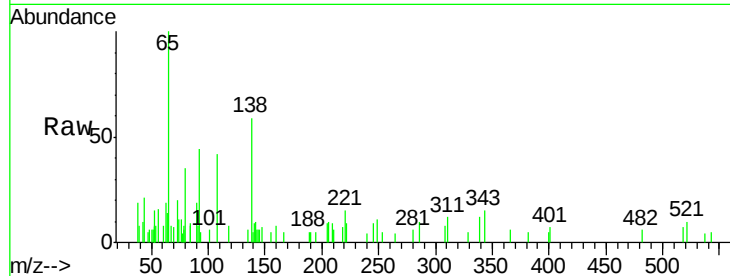
#47
2-Nitroaniline
Concen: 0.59 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
65	100		
92	43.9	49.4	74.0#
138	58.6	58.0	87.0

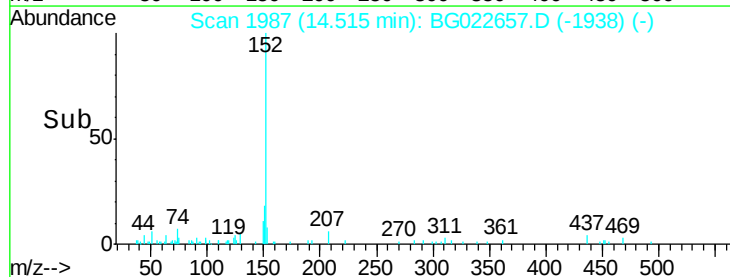
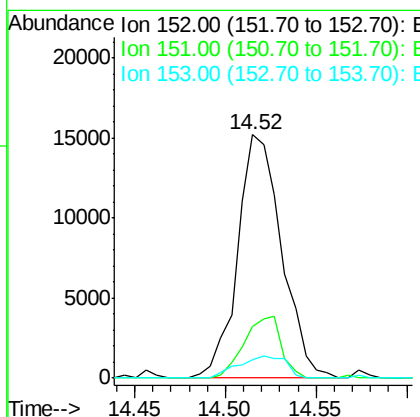
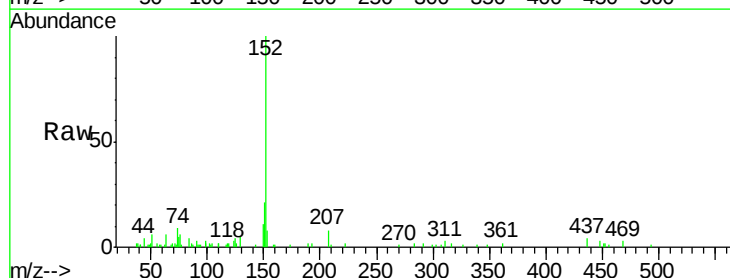
Manual Integrations

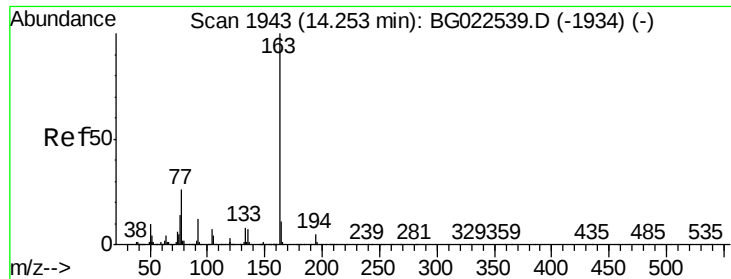
umangi
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#48
Acenaphthylene
Concen: 0.70 ng
RT: 14.52 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.6	26.4
153	7.8	11.4	17.2#





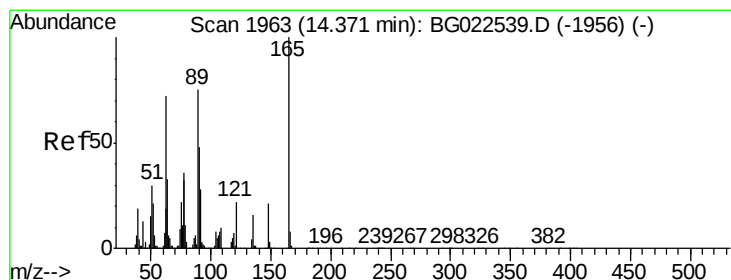
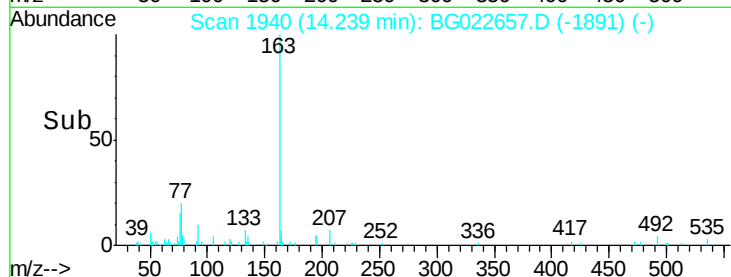
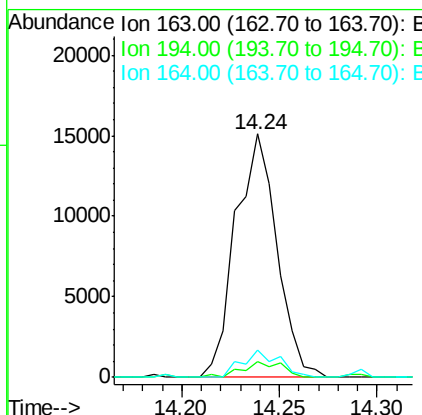
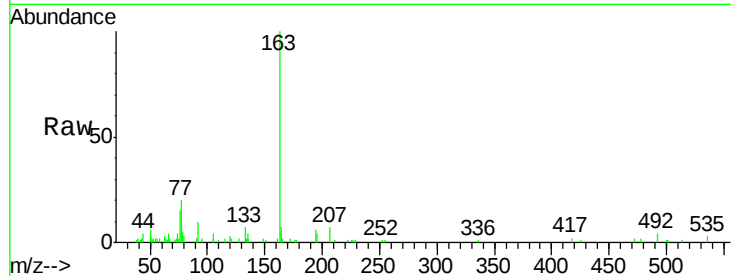
#49
Dimethylphthalate
Concen: 0.66 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.6	5.4#
164	11.0	8.1	12.1

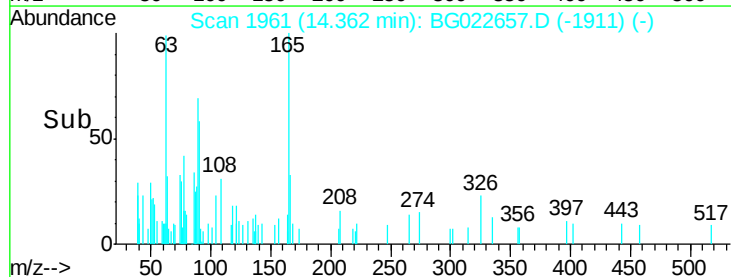
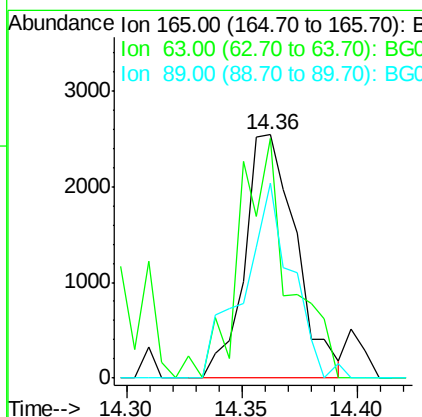
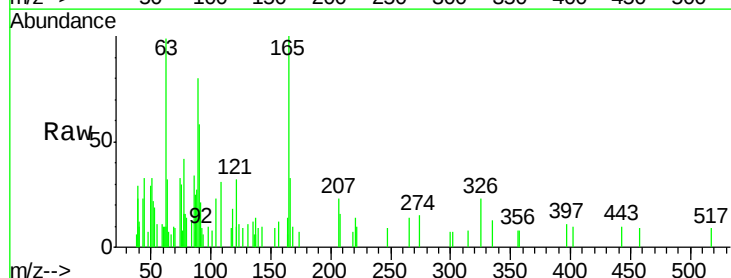
Manual Integrations

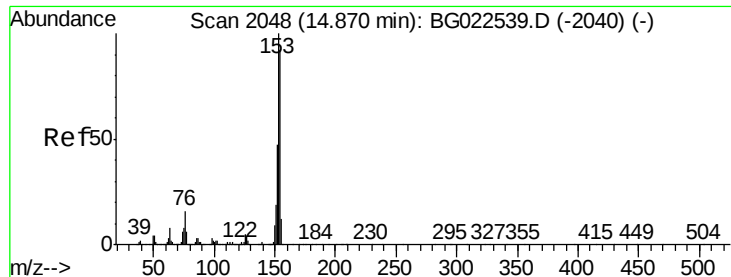
umangi
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#50
2,6-Dinitrotoluene
Concen: 0.54 ng
RT: 14.36 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	98.6	64.3	96.5#
89	79.9	64.3	96.5





#51

Acenaphthene

Concen: 0.65 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

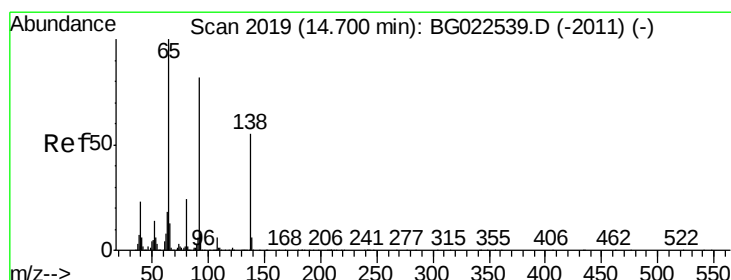
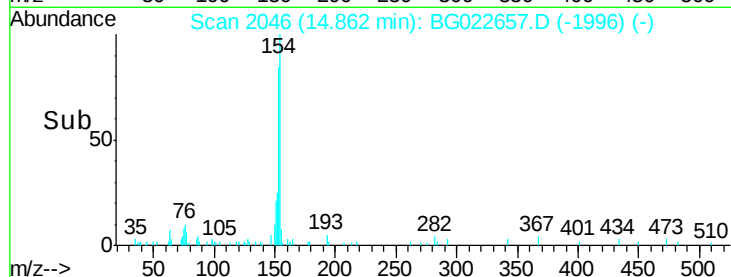
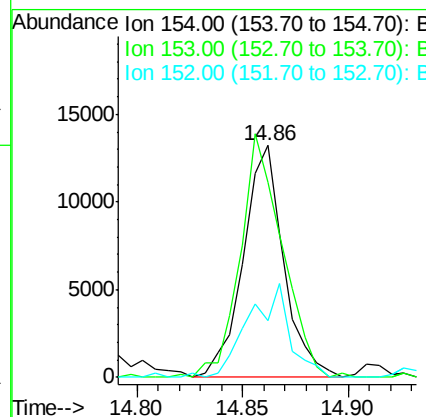
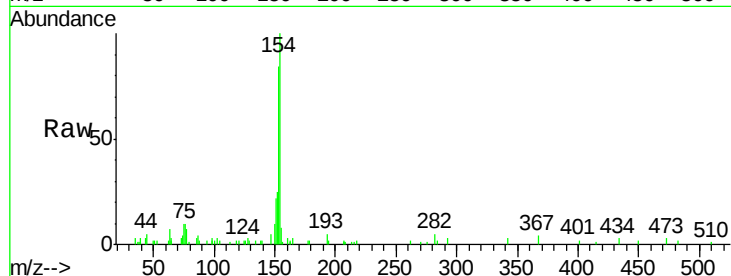
LOD-SOIL2016-01

Tot Ion:	154	Resp:	17614
Ion Ratio	Lower	Upper	
154	100		
153	84.3	87.5	131.3#
152	24.7	42.7	64.1#

Manual Integrations

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#52

3-Nitroaniline

Concen: 0.61 ng

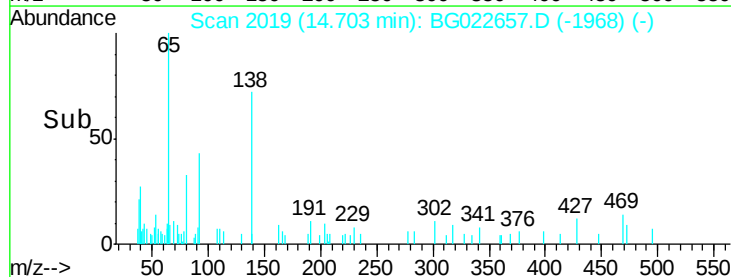
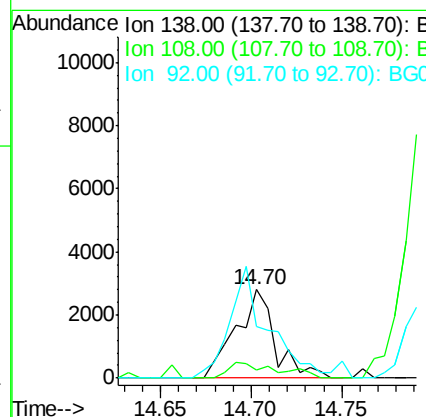
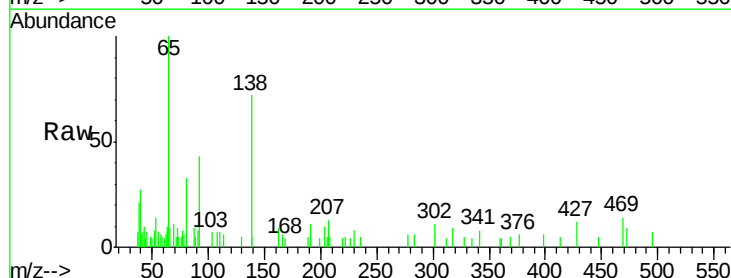
RT: 14.70 min Scan# 2019

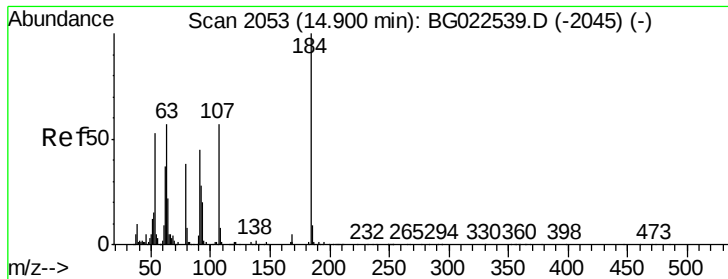
Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	138	Resp:	4175
Ion Ratio	Lower	Upper	
138	100		
108	9.4	11.7	17.5#
92	59.0	129.7	194.5#





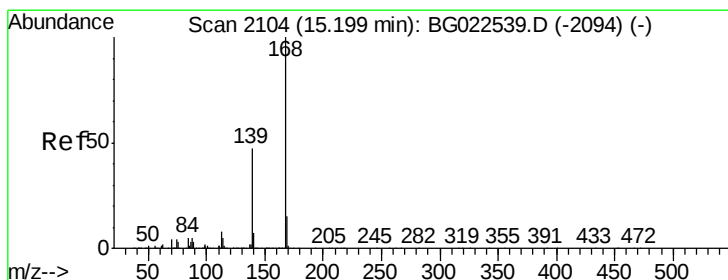
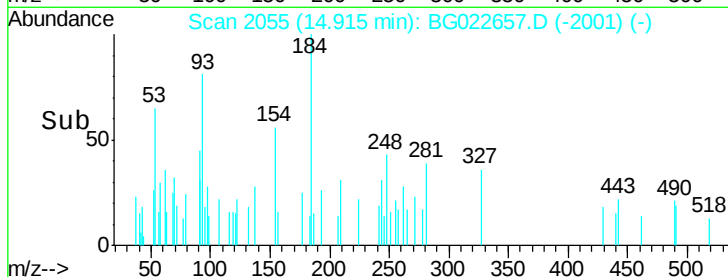
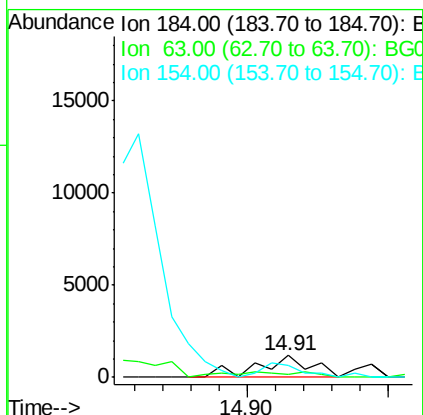
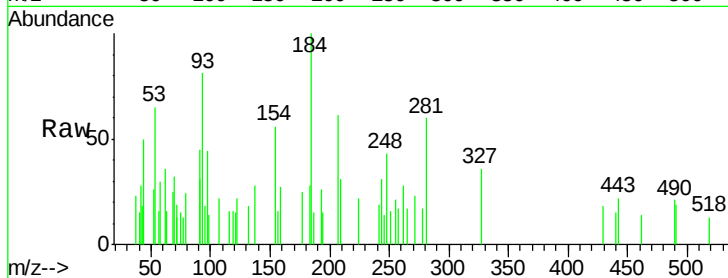
#53
2,4-Dinitrophenol
Concen: 0.33 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
184	100		
63	15.9	59.6	89.4#
154	56.3	67.4	101.0#

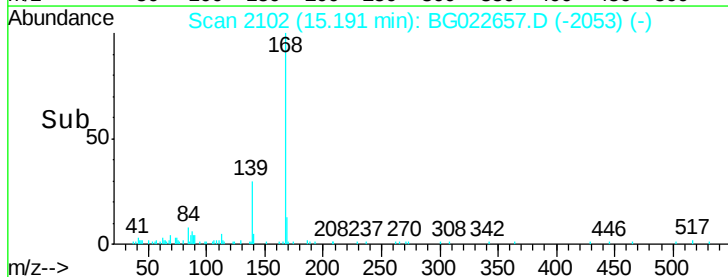
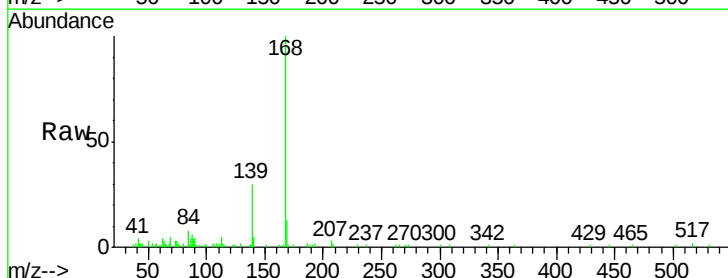
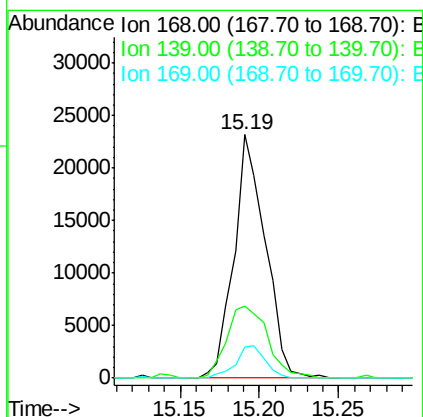
Manual Integrations

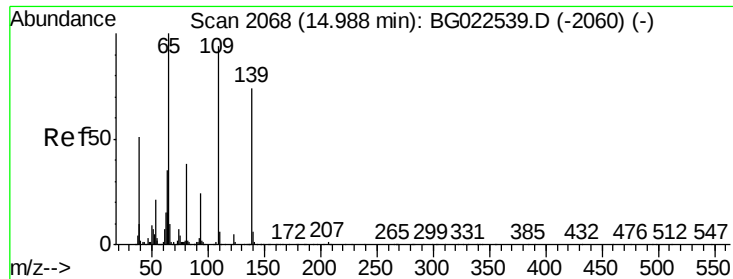
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#54
Dibenzofuran
Concen: 0.81 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	29.8	36.4	54.6#
169	12.8	11.9	17.9





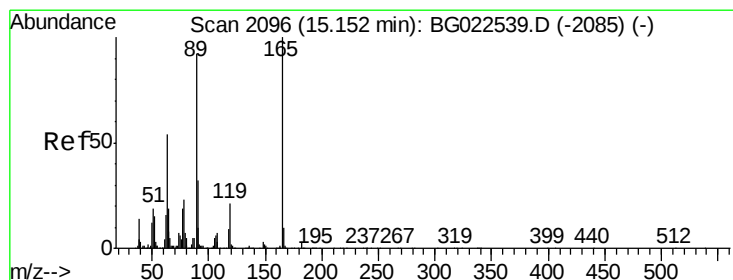
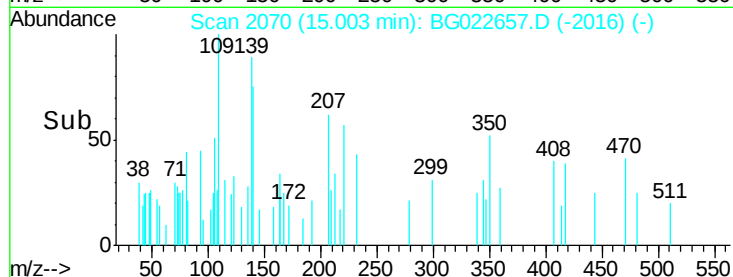
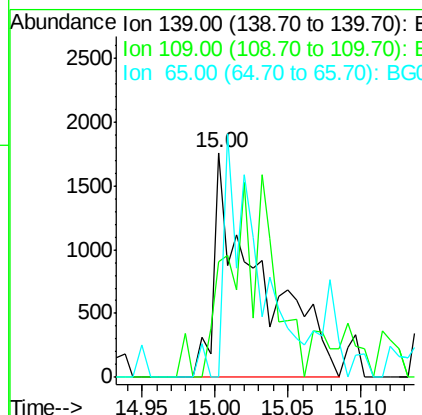
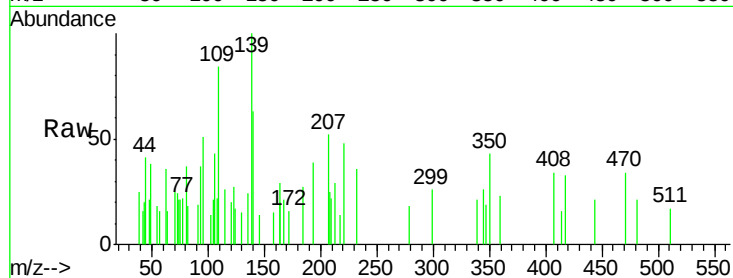
#55
4-Nitrophenol
Concen: 0.65 ng m
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:139 Resp: 3790
Ion Ratio Lower Upper
139 100
109 84.0 103.0 143.0#
65 0.0 112.7 152.7#

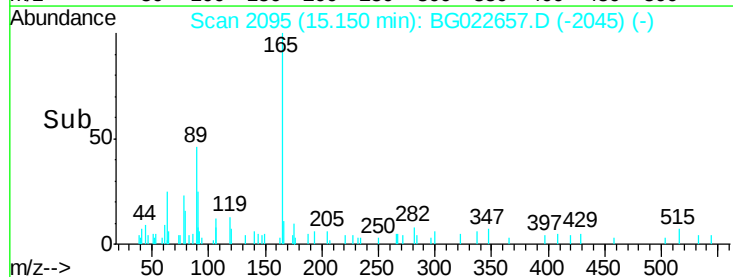
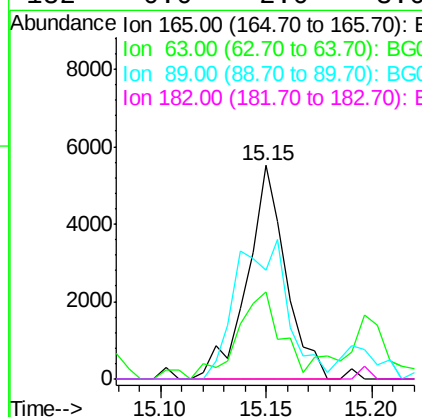
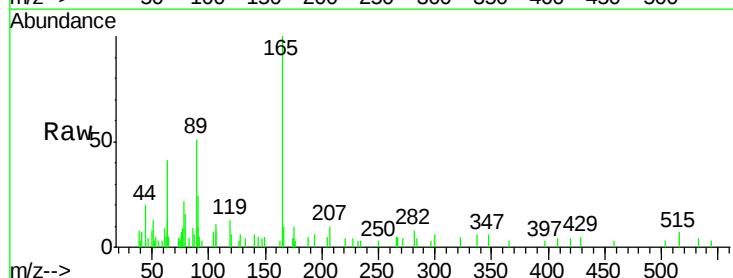
Manual Integrations

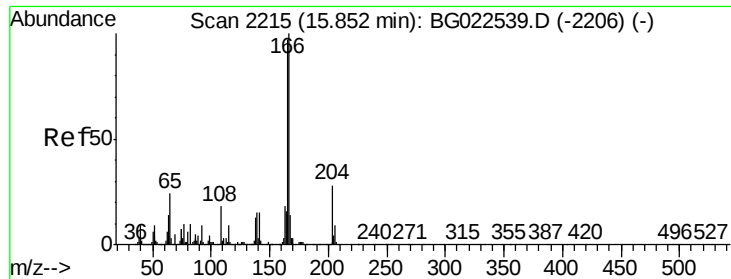
umangi
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#56
2,4-Dinitrotoluene
Concen: 0.69 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion:165 Resp: 6995
Ion Ratio Lower Upper
165 100
63 40.9 45.8 68.6#
89 50.8 68.6 102.8#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 0.70 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:166 Resp: 21872

Ion Ratio Lower Upper

166 100

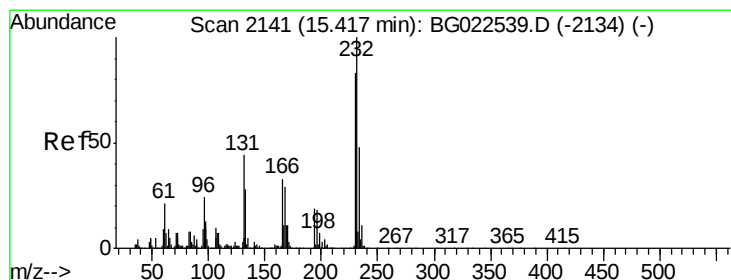
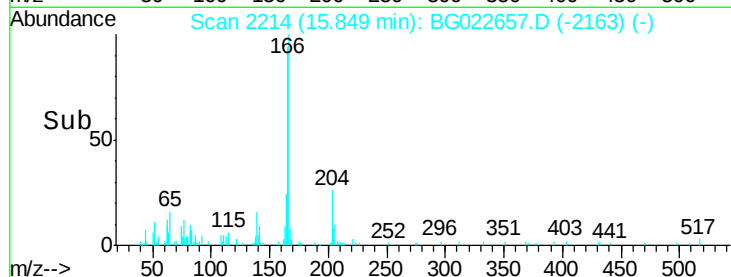
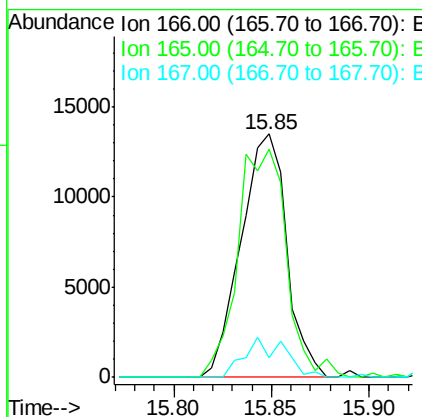
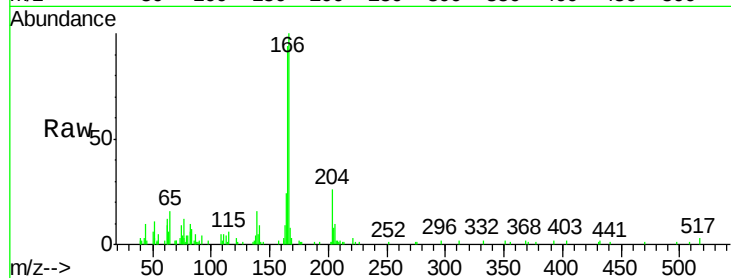
165 94.0 81.0 121.6

167 8.2 12.0 18.0#

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 0.62 ng

RT: 15.42 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:232 Resp: 6628

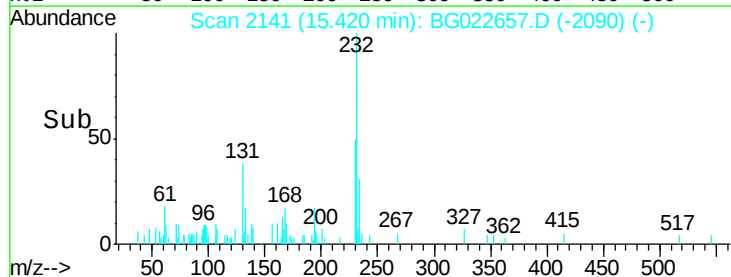
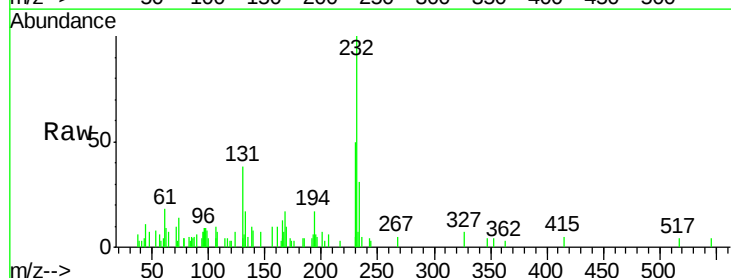
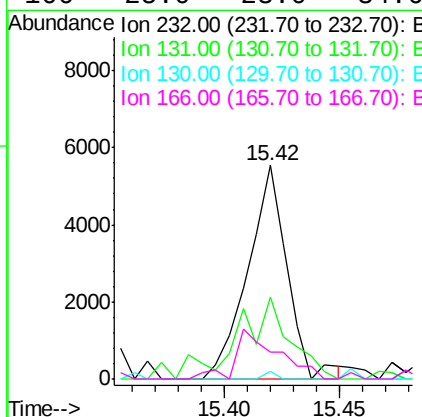
Ion Ratio Lower Upper

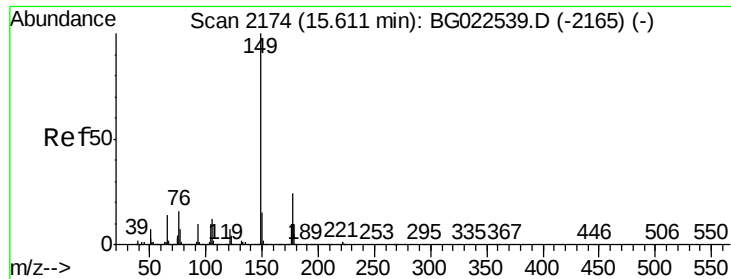
232 100

131 52.7 32.7 49.1#

130 1.1 2.6 3.8#

166 25.0 23.0 34.6





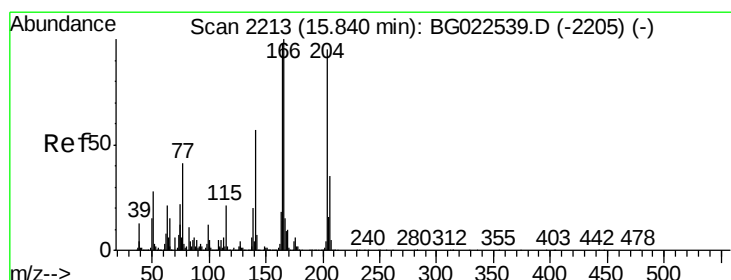
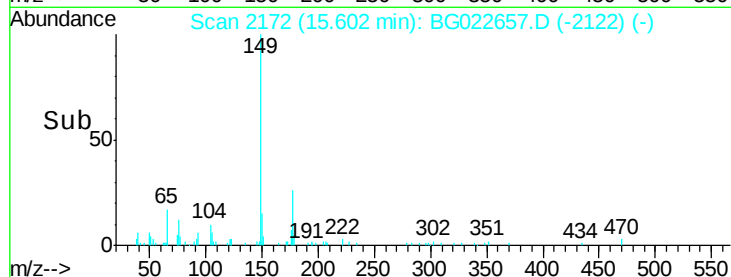
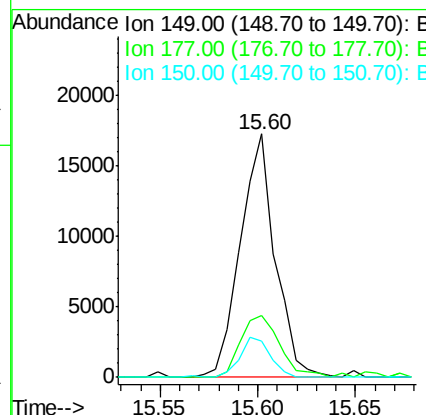
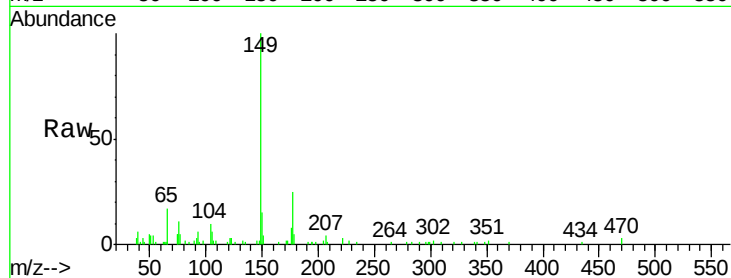
#59
Diethylphthalate
Concen: 0.62 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.4	19.2	28.8
150	14.9	10.6	16.0

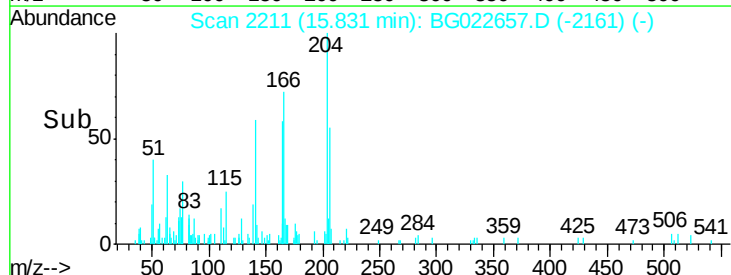
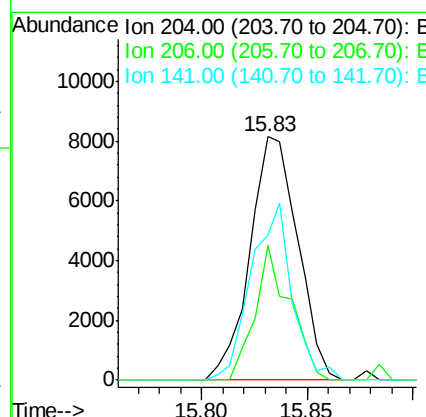
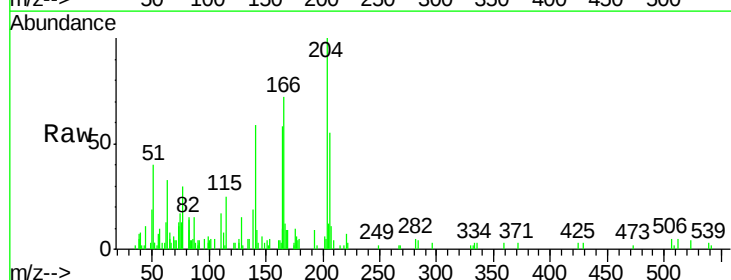
Manual Integrations

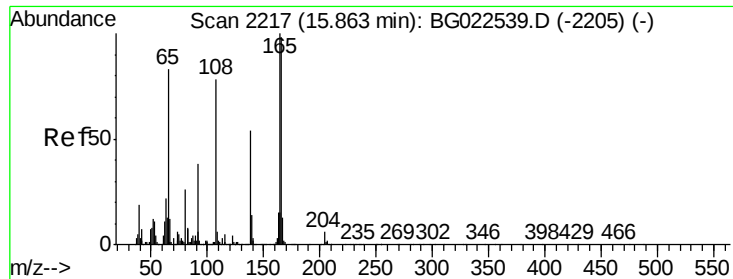
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#60
4-Chlorophenyl-phenylether
Concen: 0.69 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	55.2	28.5	42.7#
141	59.3	51.4	77.0





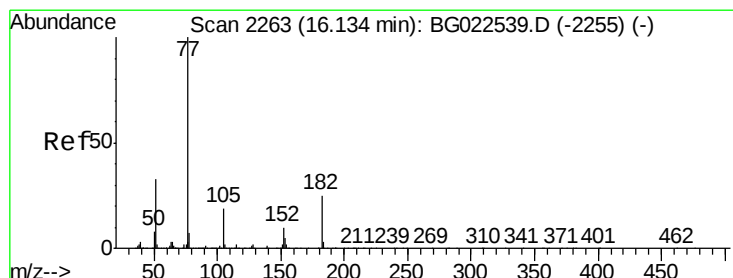
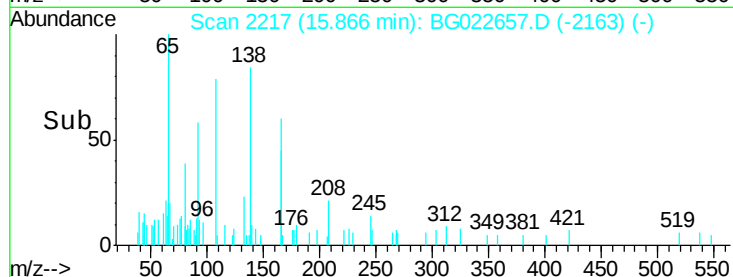
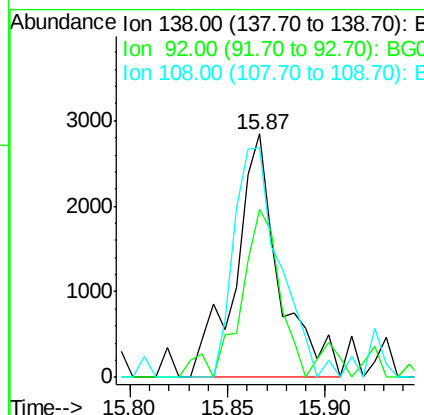
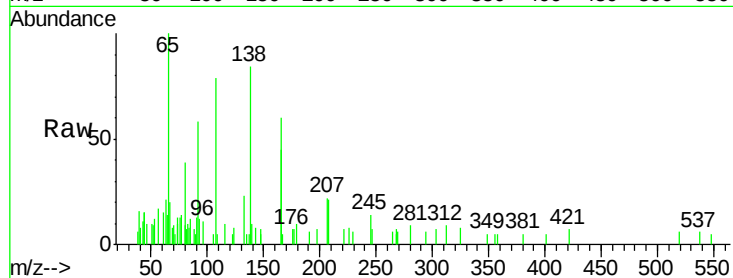
#61
4-Nitroaniline
Concen: 0.62 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
138	100		
92	69.0	54.1	94.1
108	94.2	133.9	173.9#

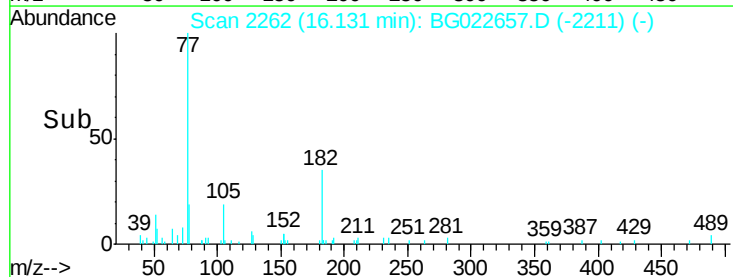
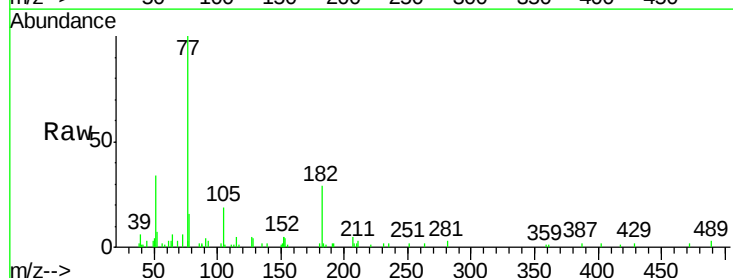
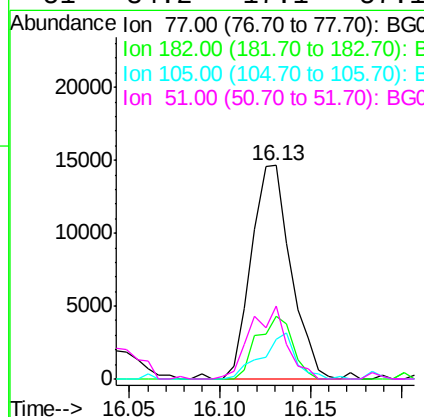
Manual Integrations

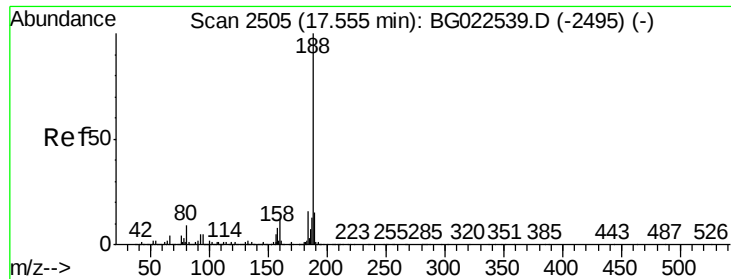
umangi
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#62
Azobenzene
Concen: 0.60 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	3.5	43.5
105	18.7	0.0	38.5
51	34.2	17.1	57.1





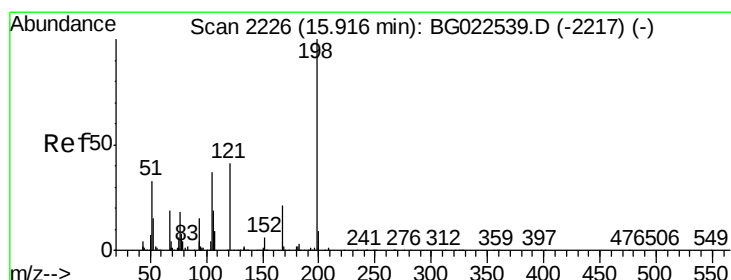
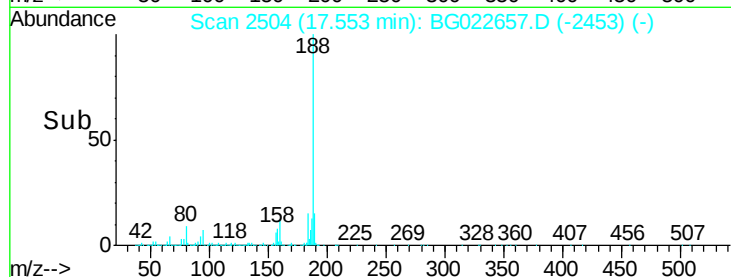
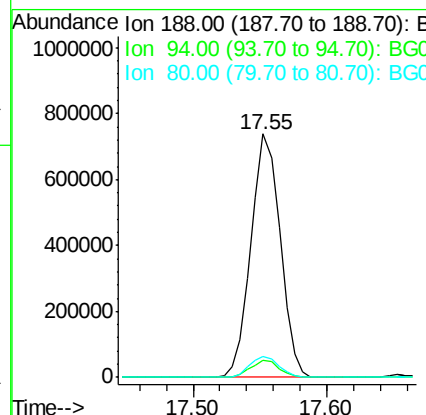
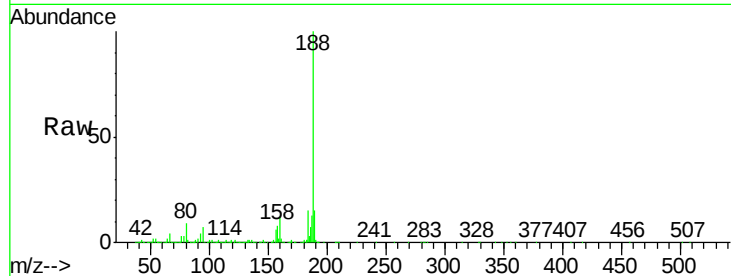
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	8.7	7.2	10.8

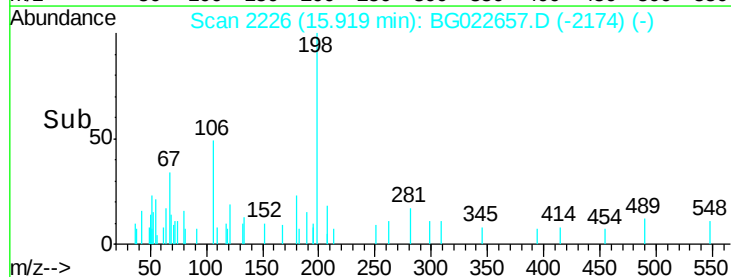
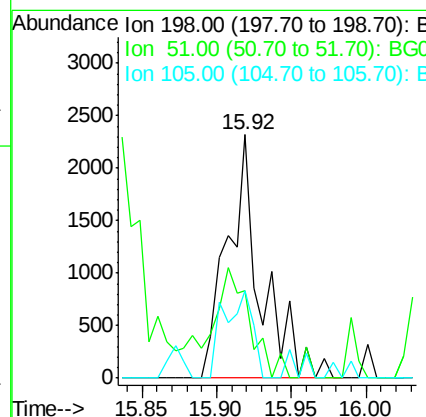
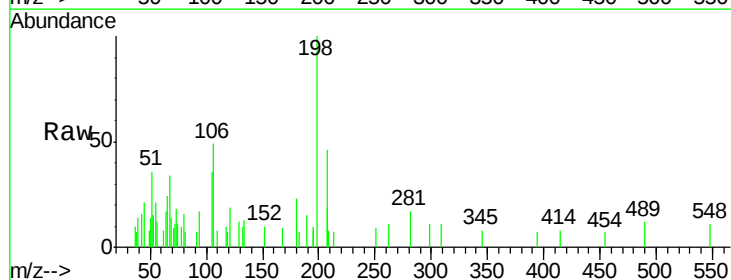
Manual Integrations

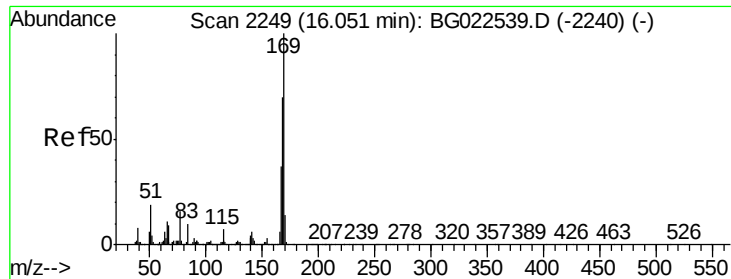
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#64
4,6-Dinitro-2-methylphenol
Concen: 0.48 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.1	26.0	66.0
105	36.1	20.1	60.1





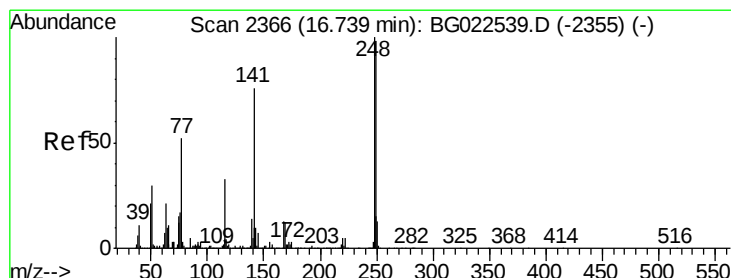
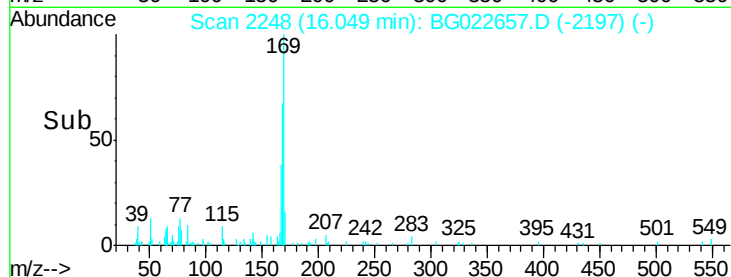
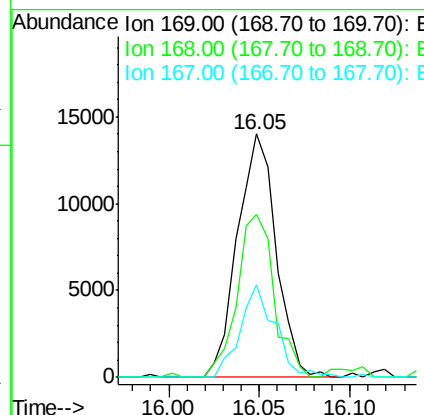
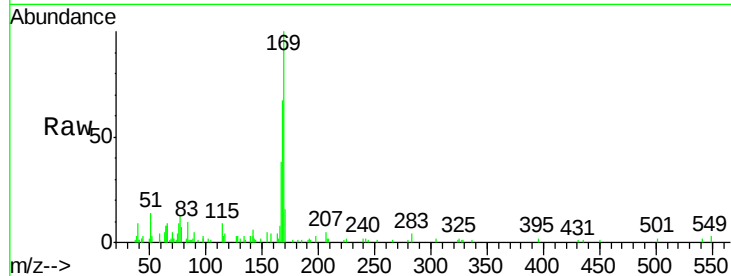
#65
n-Nitrosodiphenylamine
Concen: 0.64 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	55.0	82.4
167	37.9	27.4	41.0

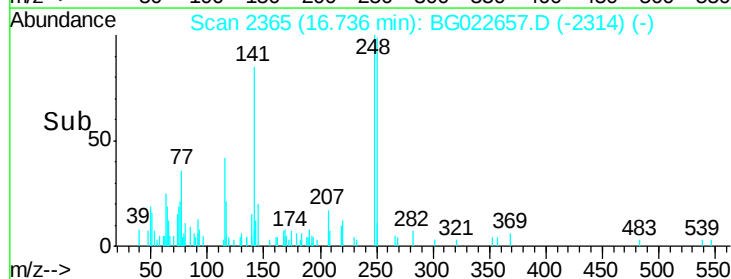
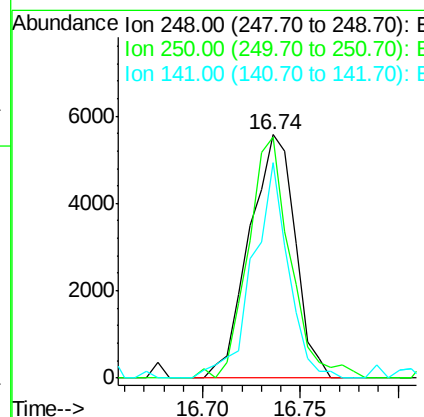
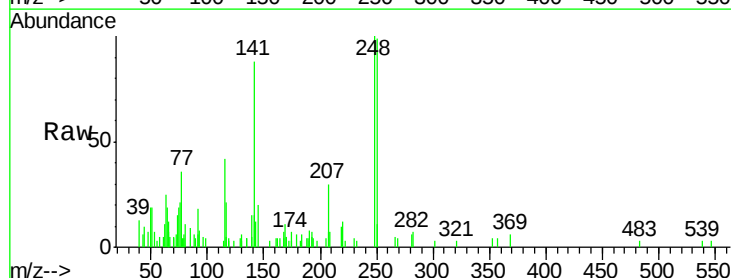
Manual Integrations

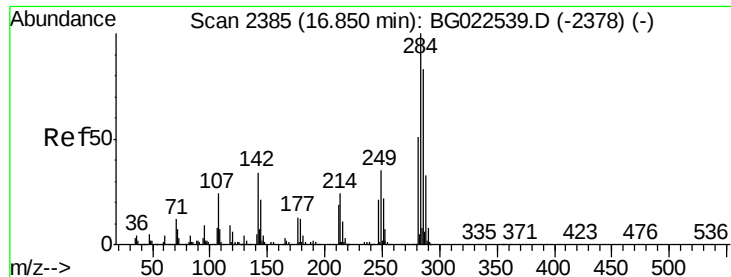
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#66
4-Bromophenyl-phenylether
Concen: 0.62 ng
RT: 16.74 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.8	116.8
141	88.4	65.7	98.5





#67

Hexachlorobenzene

Concen: 0.62 ng

RT: 16.85 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

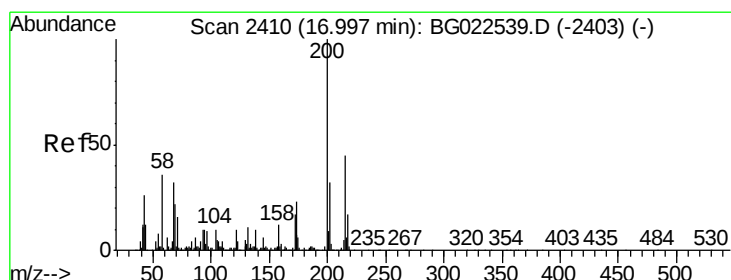
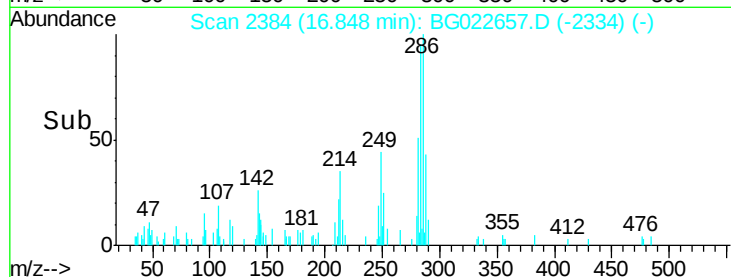
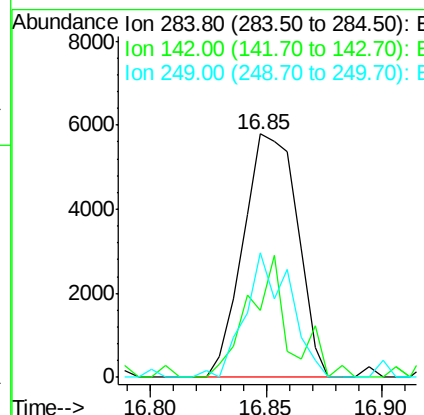
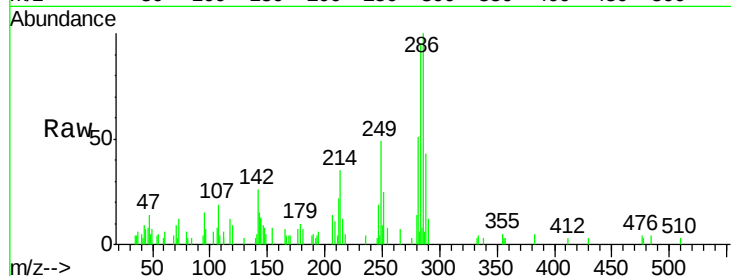
LOD-SOIL2016-01

Tot Ion:	284	Resp:	9438
Ion Ratio	Lower	Upper	
284	100		
142	27.3	26.8	40.2
249	61.0	28.9	43.3#

Manual Integrations

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#68

Atrazine

Concen: 0.50 ng

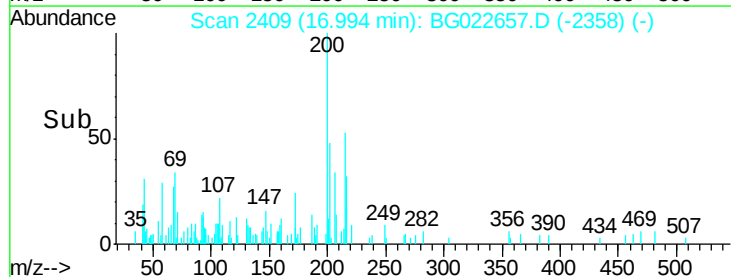
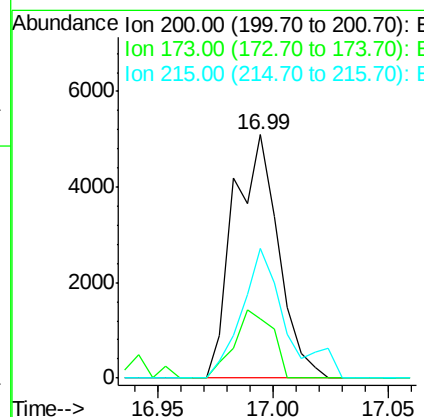
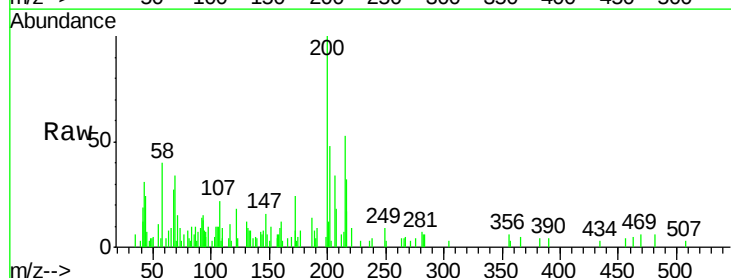
RT: 16.99 min Scan# 2409

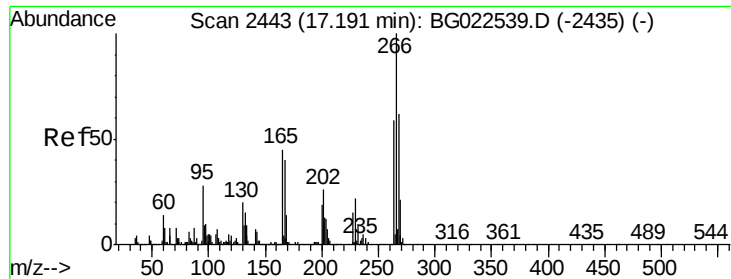
Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	200	Resp:	6860
Ion Ratio	Lower	Upper	
200	100		
173	24.2	1.6	41.6
215	53.4	28.7	68.7





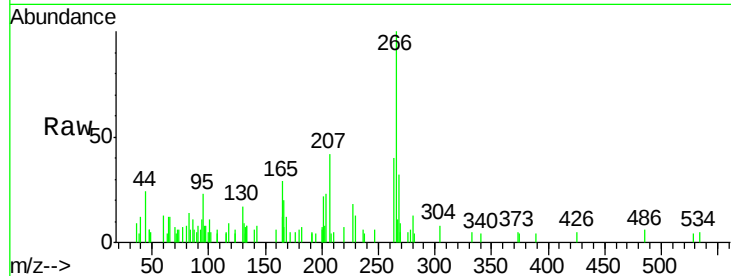
#69
 Pentachlorophenol
 Concen: 0.52 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

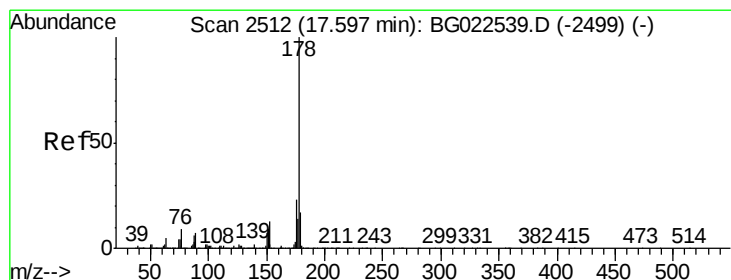
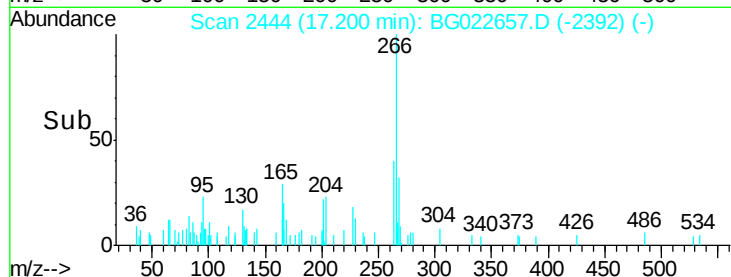
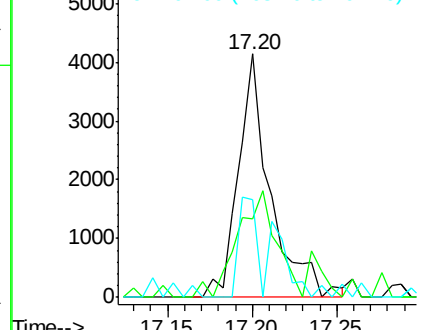
Tot Ion	Ratio	Lower	Upper
266	100		
268	32.1	51.9	77.9#
264	40.2	50.6	75.8#

Manual Integrations

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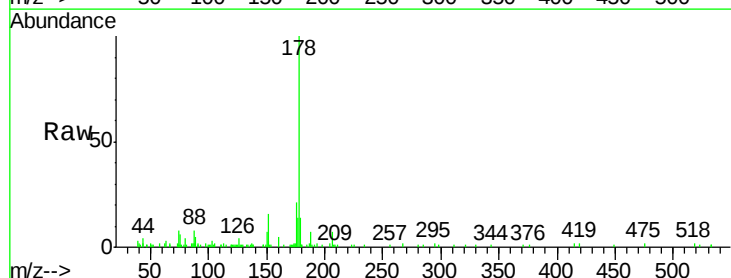


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

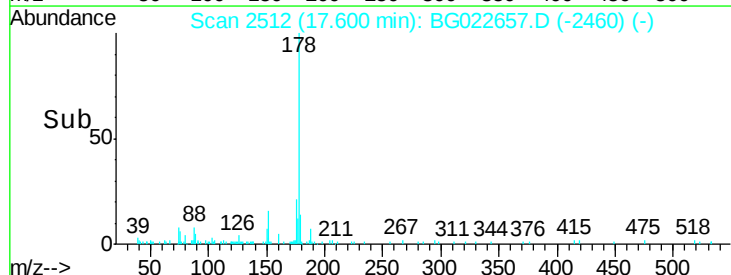
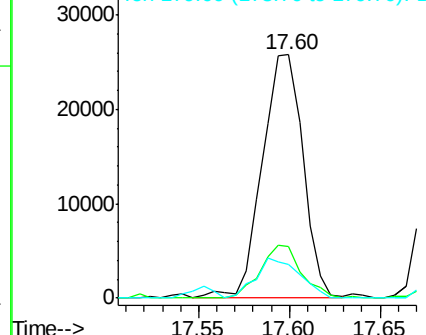


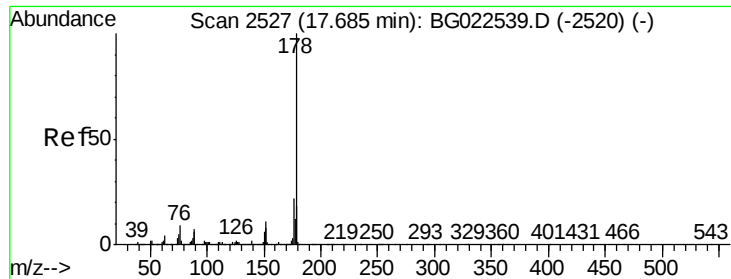
#70
 Phenanthrene
 Concen: 0.71 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.8	25.2
179	13.7	14.3	21.5#



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





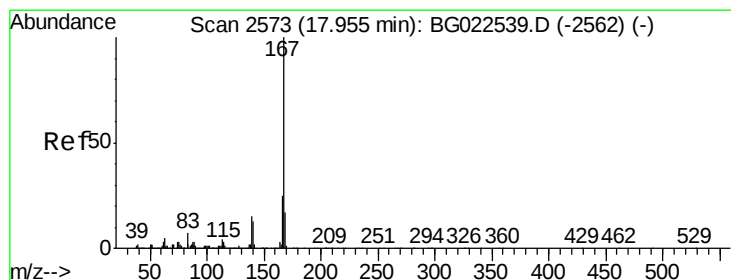
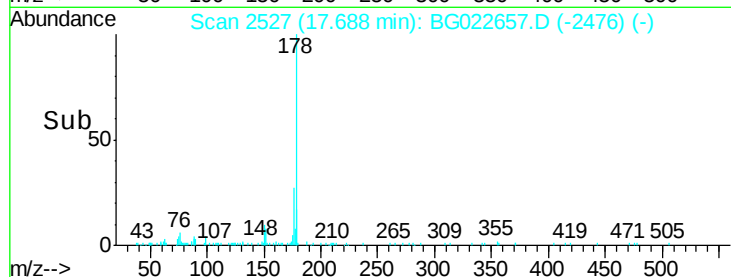
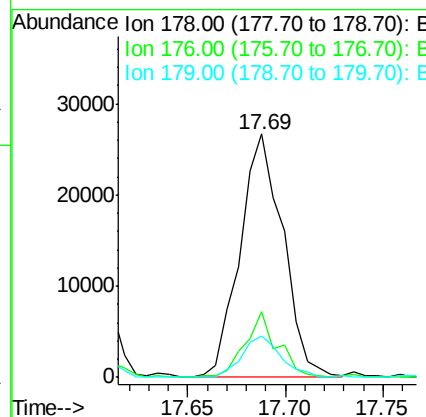
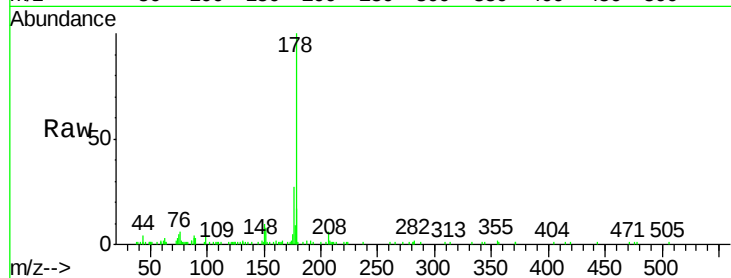
#71
 Anthracene
 Concen: 0.70 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	27.0	17.3	25.9#
179	17.1	14.0	21.0

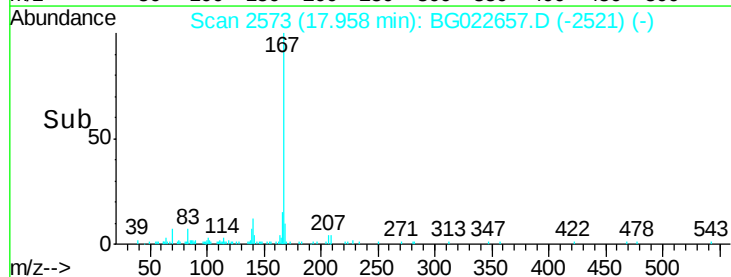
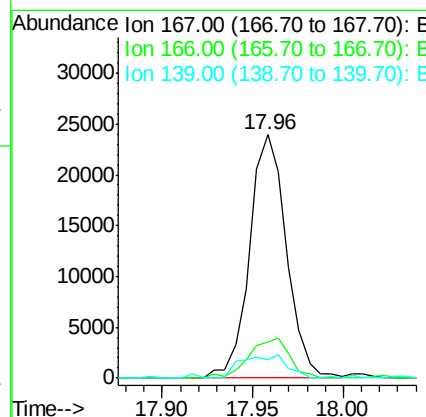
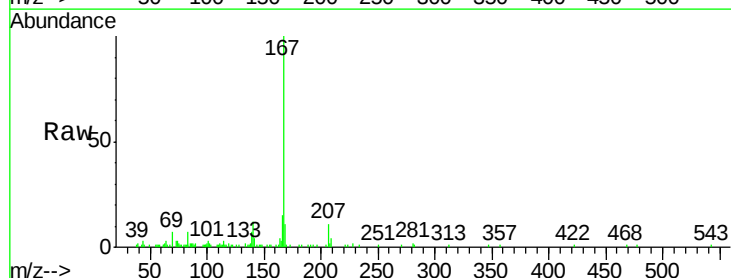
Manual Integrations

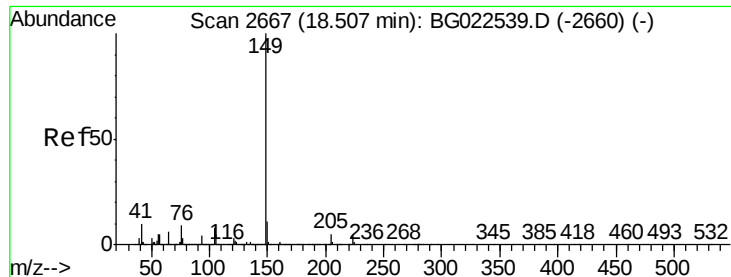
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#72
 Carbazole
 Concen: 0.69 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	15.1	20.7	31.1#
139	7.4	11.9	17.9#





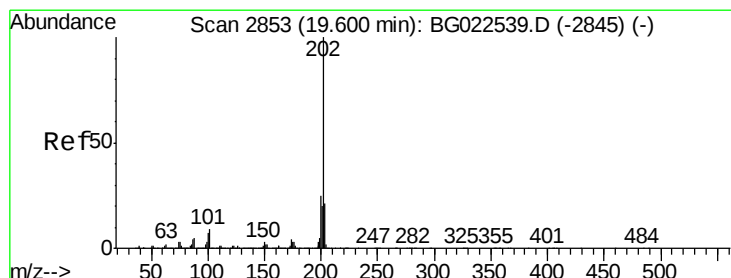
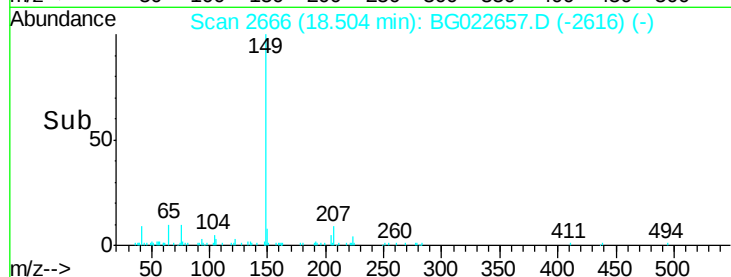
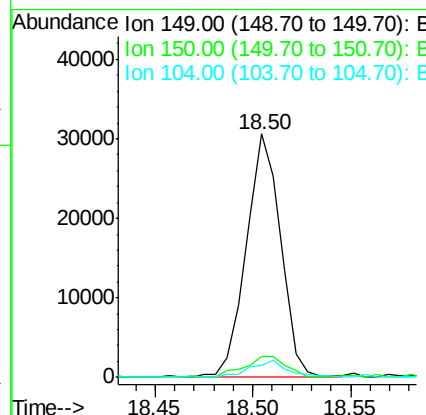
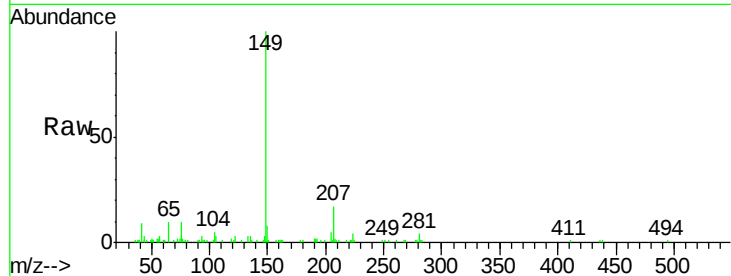
#73
Di-n-butylphthalate
Concen: 0.65 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.4	9.1	13.7#
104	5.0	6.9	10.3#

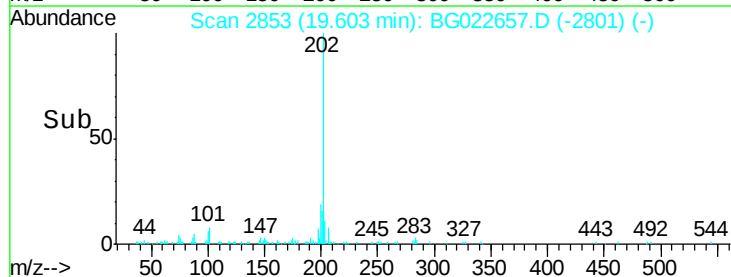
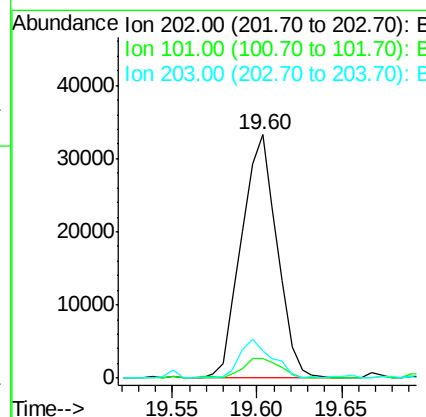
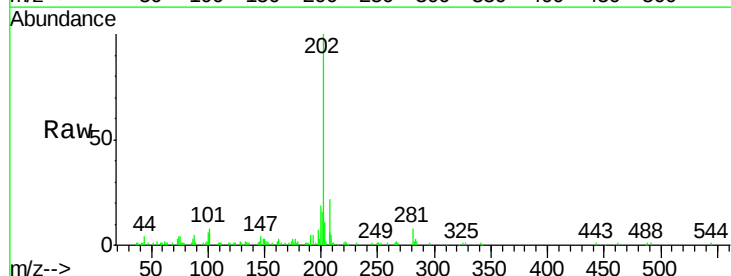
Manual Integrations

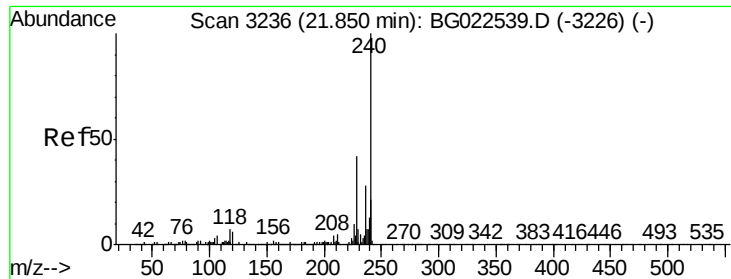
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#74
Fluoranthene
Concen: 0.75 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.4
203	11.0	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:240 Resp: 1294116

Ion Ratio Lower Upper

240 100

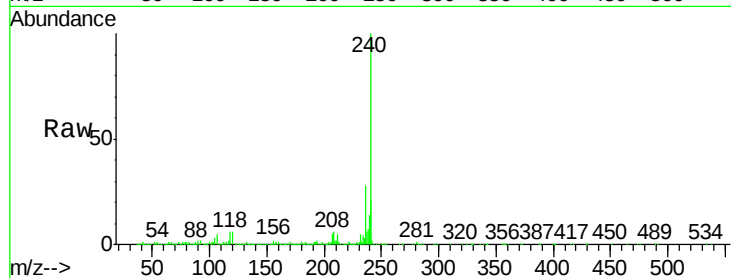
120 5.6 4.1 6.1

236 27.9 21.1 31.7

Manual Integrations

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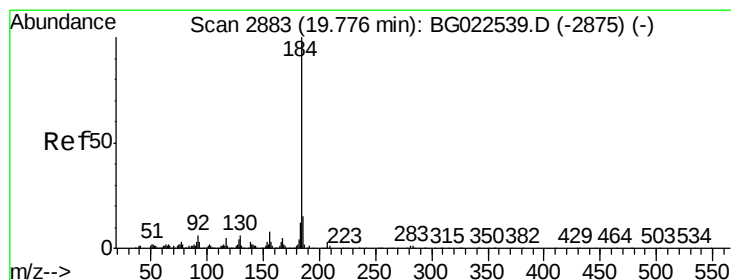
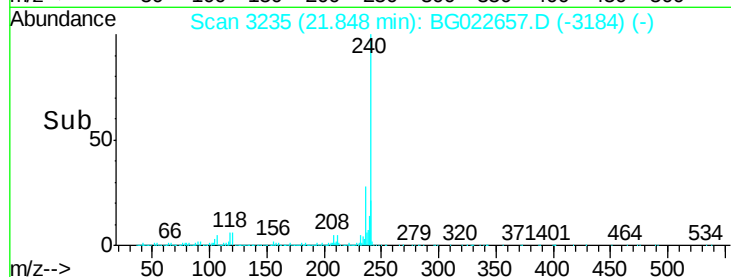
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.85

Time-->



#76

Benzidine

Concen: 0.06 ng

RT: 19.79 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

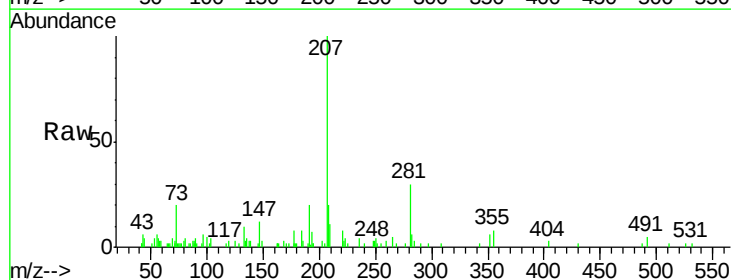
Tgt Ion:184 Resp: 834

Ion Ratio Lower Upper

184 100

185 40.7 12.6 19.0#

183 0.0 10.7 16.1#



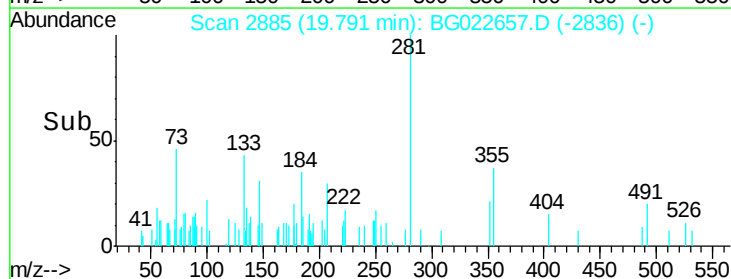
Abundance Ion 184.00 (183.70 to 184.70): E

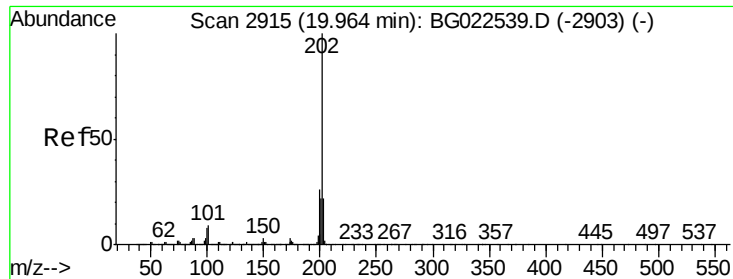
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.79

Time-->





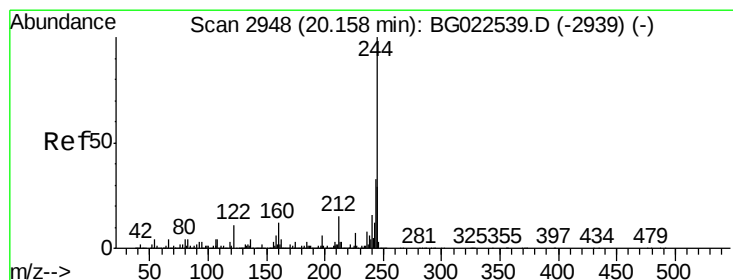
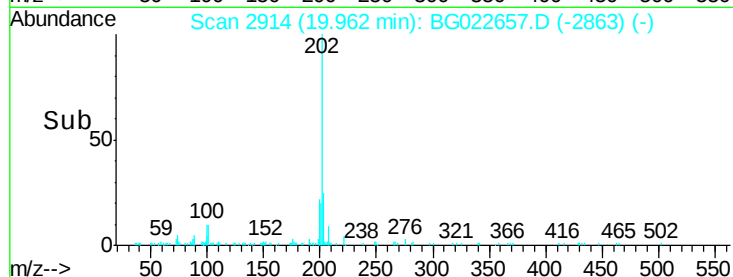
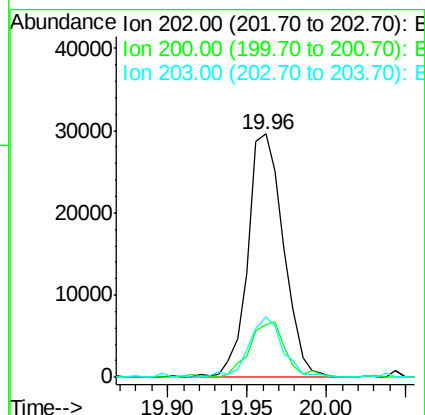
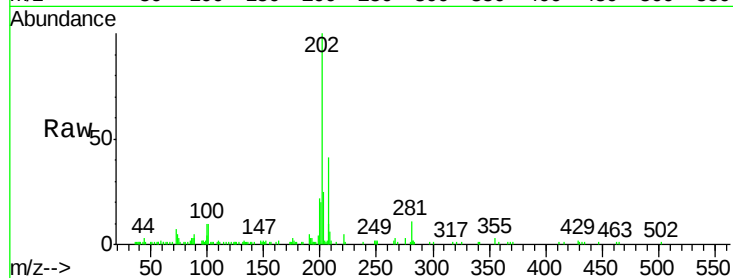
#77
Pvrene
Concen: 0.67 ng
RT: 19.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	21.2	31.8
203	24.7	16.8	25.2

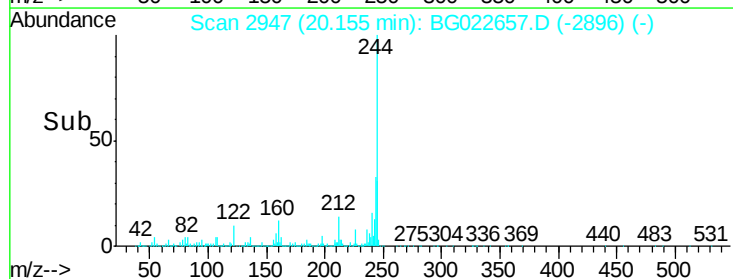
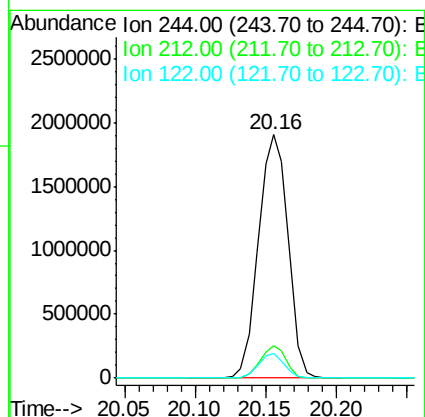
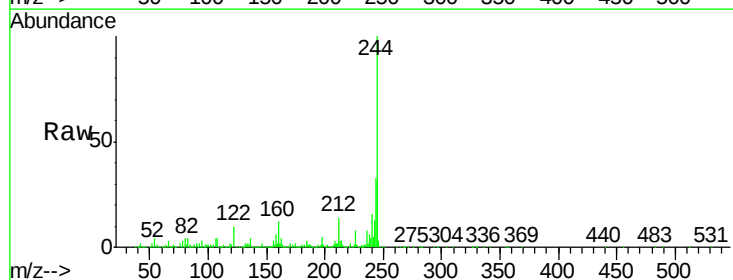
Manual Integrations

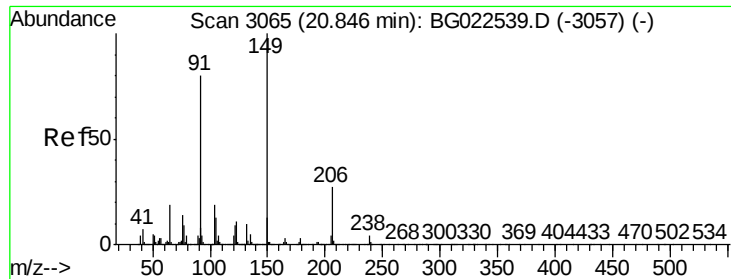
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#78
Terphenyl-d14
Concen: 57.33 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	10.3	8.0	12.0





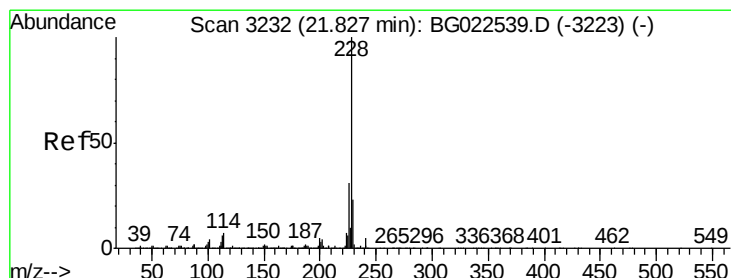
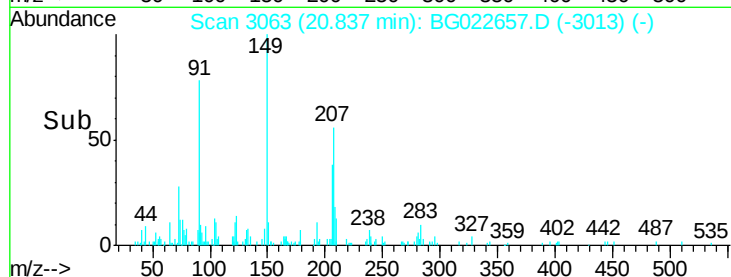
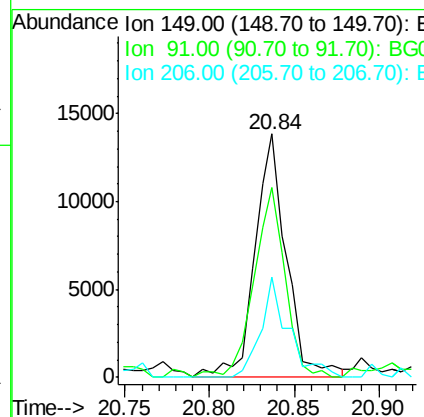
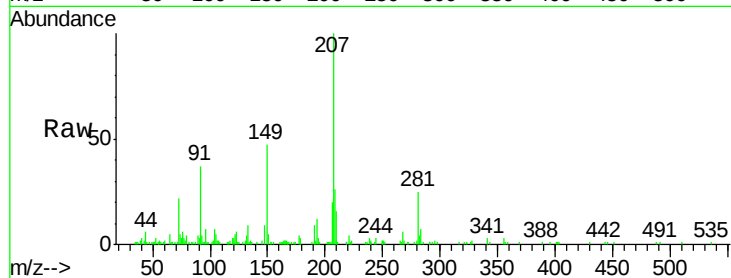
#79
Butylbenzylphthalate
Concen: 0.60 ng
RT: 20.84 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:149 Resp: 17946
Ion Ratio Lower Upper
149 100
91 78.2 68.1 102.1
206 41.2 19.8 29.6#

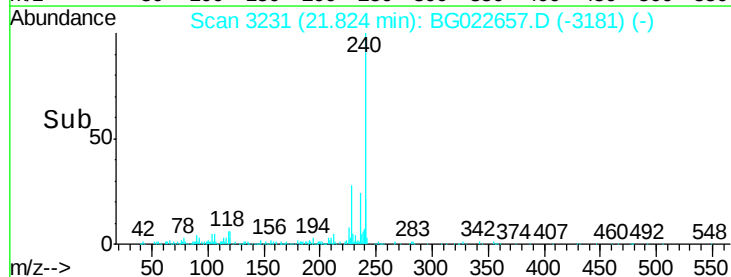
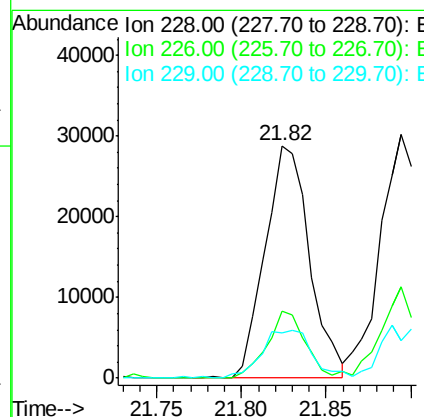
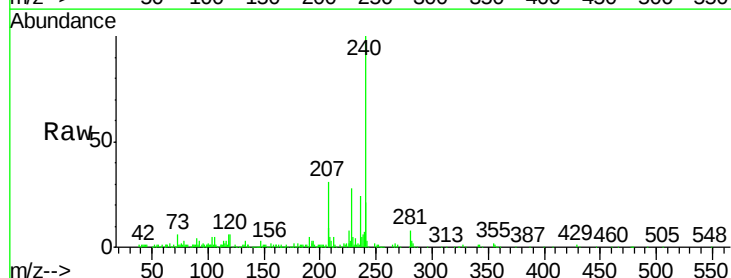
Manual Integrations

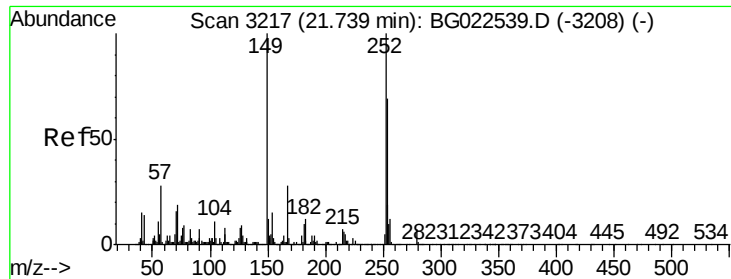
umangi
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#80
Benzo(a)anthracene
Concen: 0.73 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion:228 Resp: 52626
Ion Ratio Lower Upper
228 100
226 28.8 25.3 37.9
229 19.6 19.9 29.9#





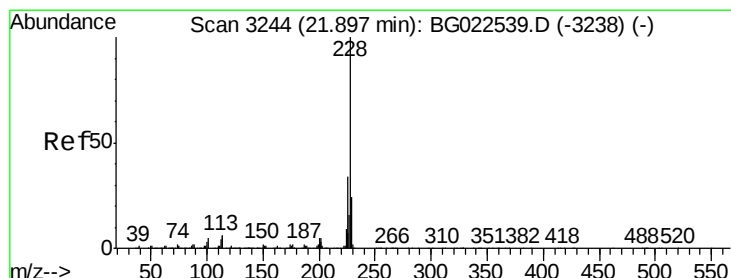
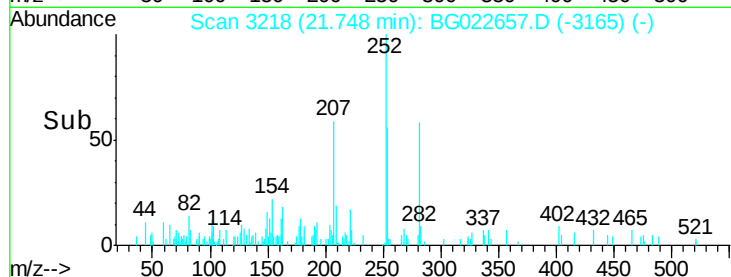
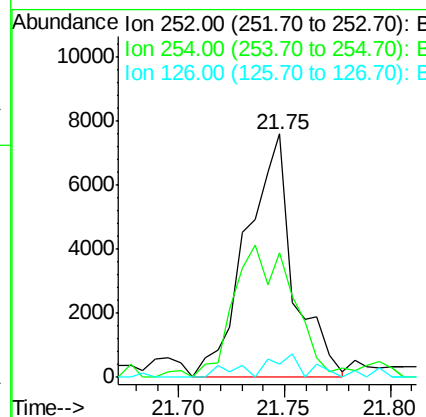
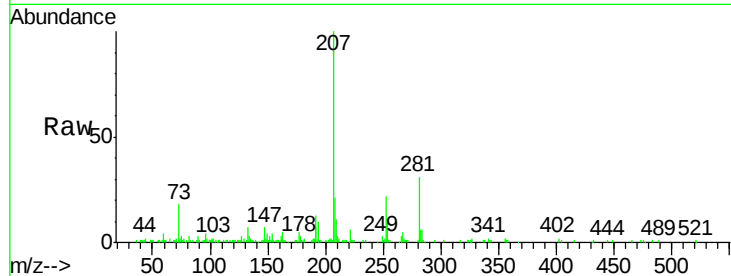
#81
 3,3'-Dichlorobenzidine
 Concen: 0.40 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
252	100		
254	51.4	51.2	76.8
126	5.4	5.3	7.9

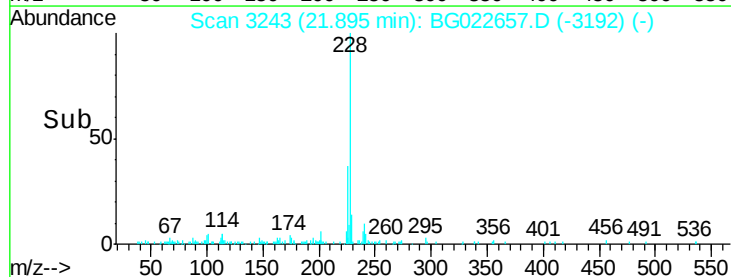
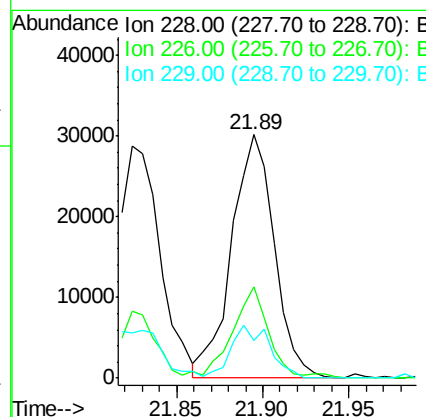
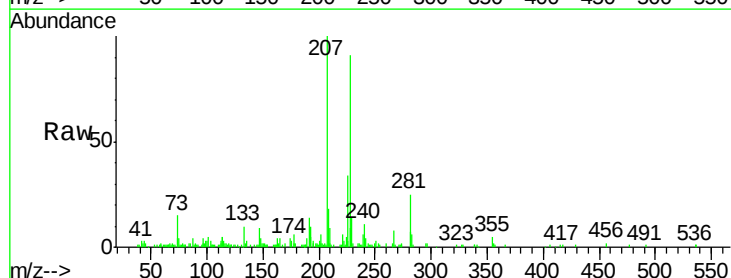
Manual Integrations

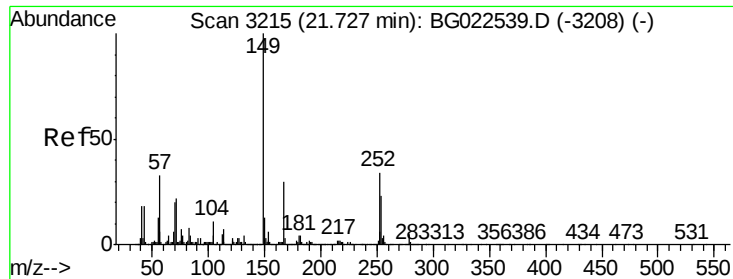
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#82
 Chrysene
 Concen: 0.77 ng m
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.5	26.7	40.1
229	15.3	17.4	26.2





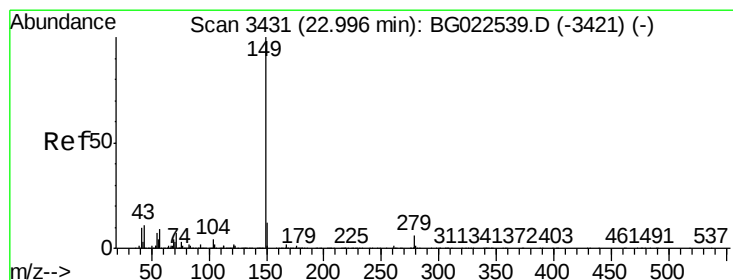
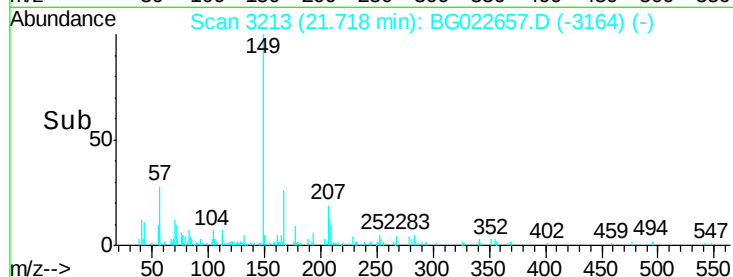
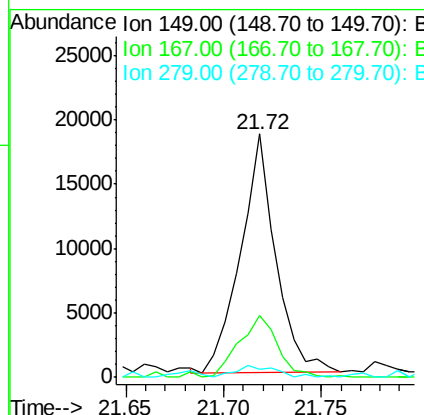
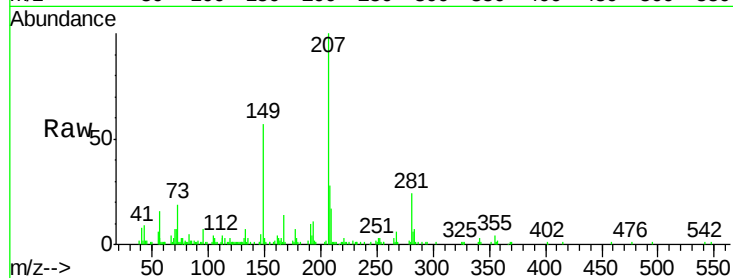
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.55 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	24.0	36.0
279	4.6	4.8	7.2#

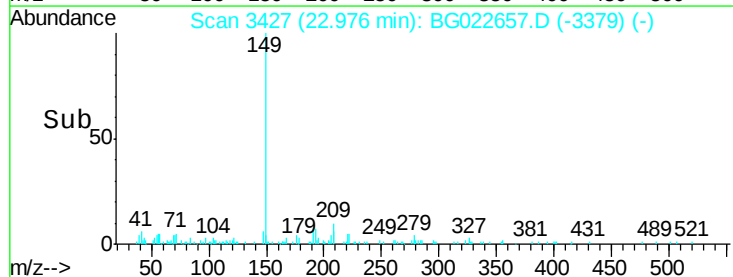
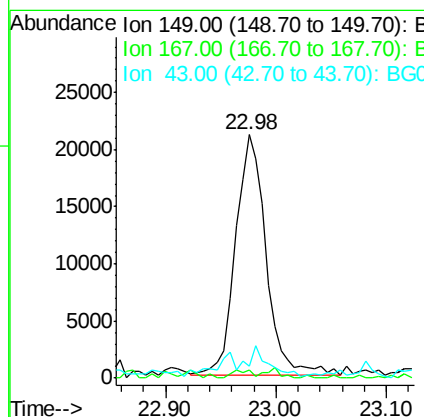
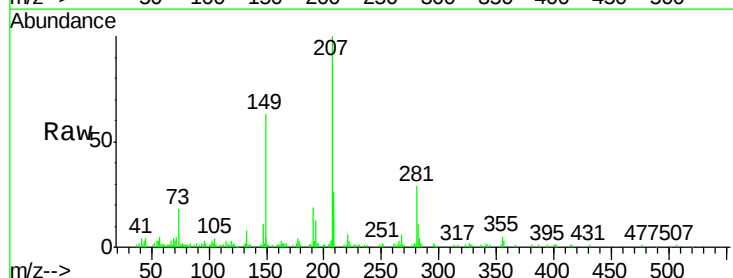
Manual Integrations

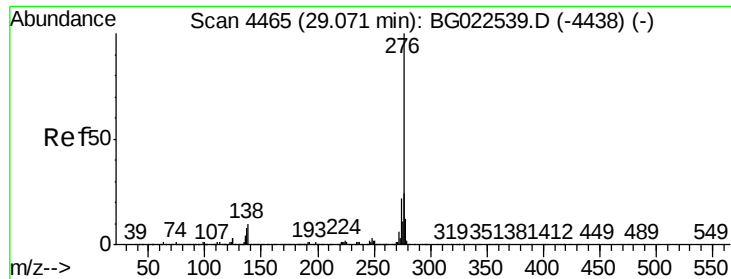
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#84
 Di-n-octyl phthalate
 Concen: 0.60 ng
 RT: 22.98 min Scan# 3427
 Delta R.T. -0.02 min
 Lab File: BG022657.D
 Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.5	2.3#
43	7.4	8.8	13.2#





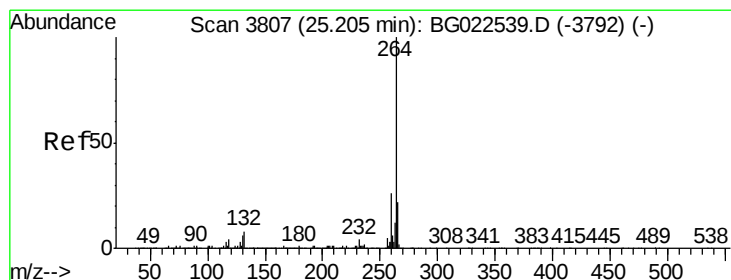
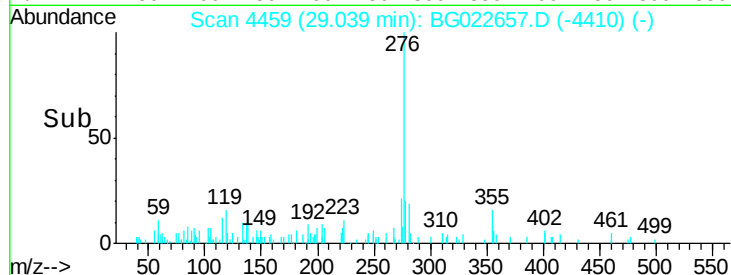
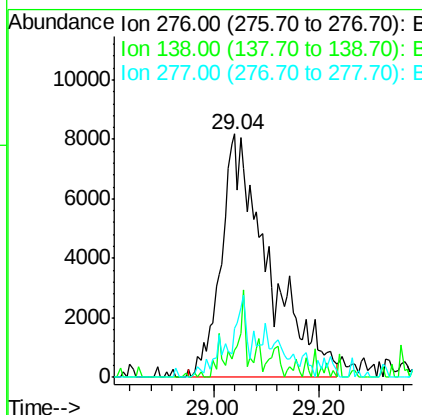
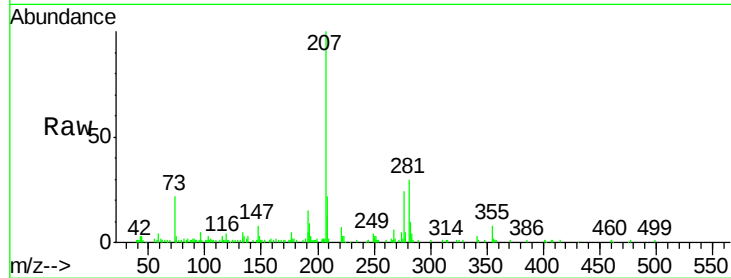
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.58 ng/m
RT: 29.04 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.5	0.0	0.0#
277	4.6	0.0	0.0#

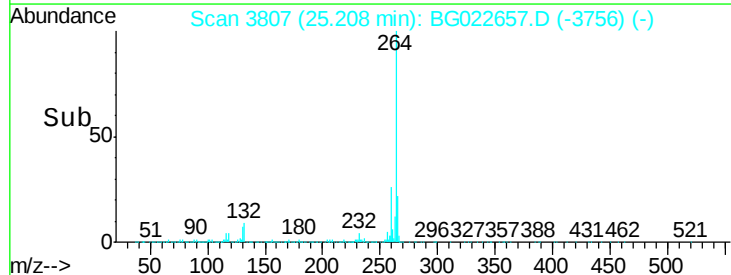
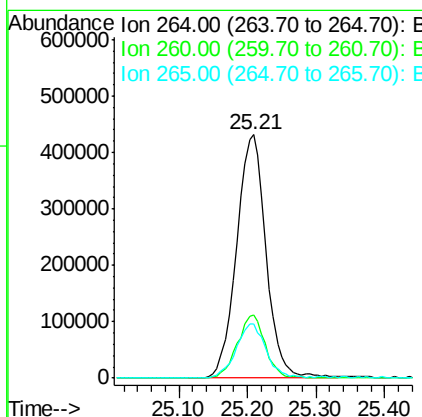
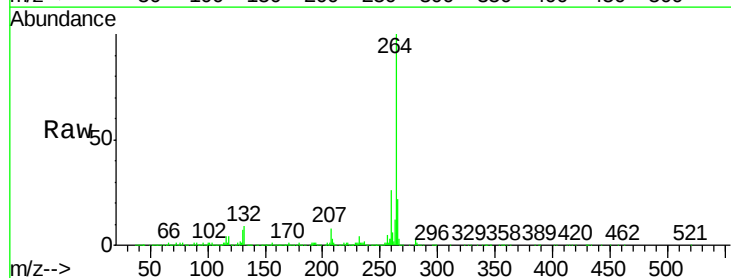
Manual Integrations

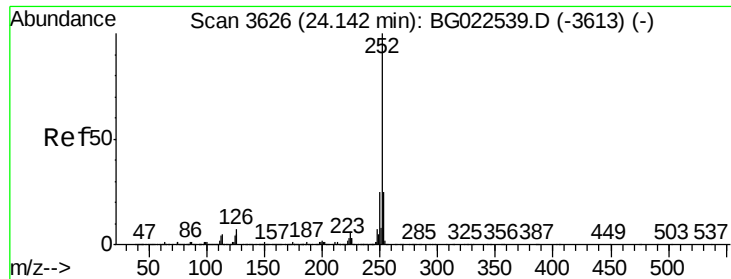
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022657.D
Acq: 28 Jun 2016 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.4	27.6
265	22.1	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 0.70 ng

RT: 24.12 min Scan# 3622

Delta R.T. -0.01 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

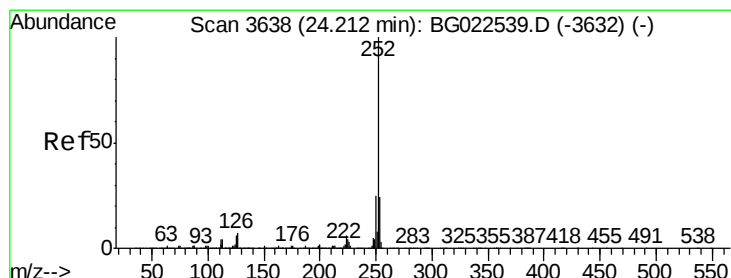
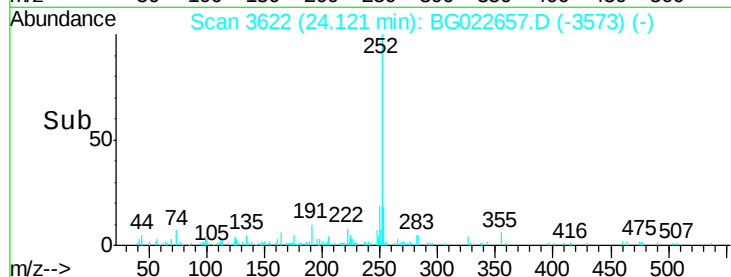
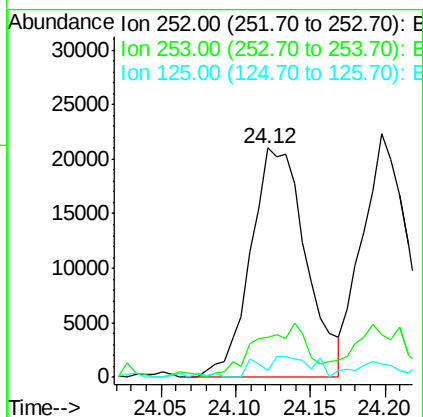
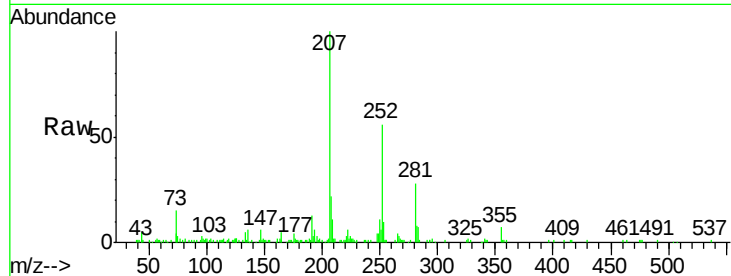
LOD-SOIL2016-01

Tot Ion:	252	Resp:	53991
Ion Ratio	Lower	Upper	
252	100		
253	17.7	18.9	28.3#
125	5.8	3.9	5.9

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 0.67 ng

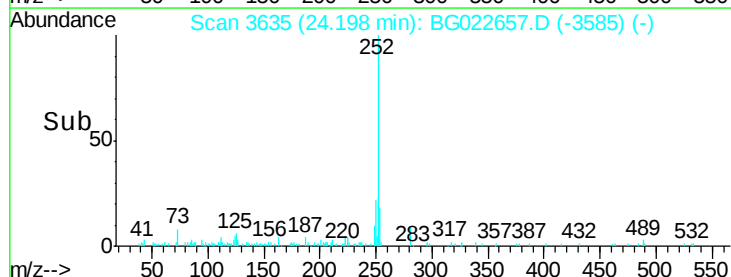
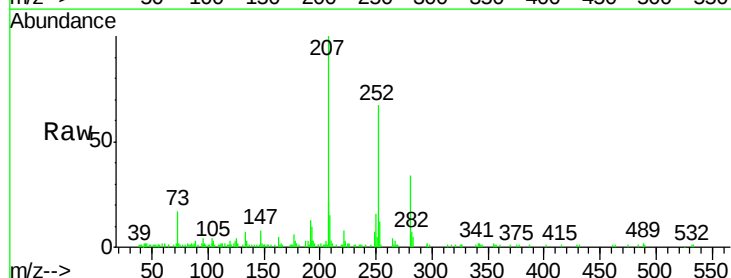
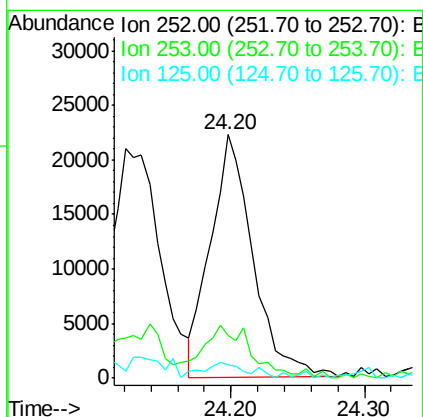
RT: 24.20 min Scan# 3635

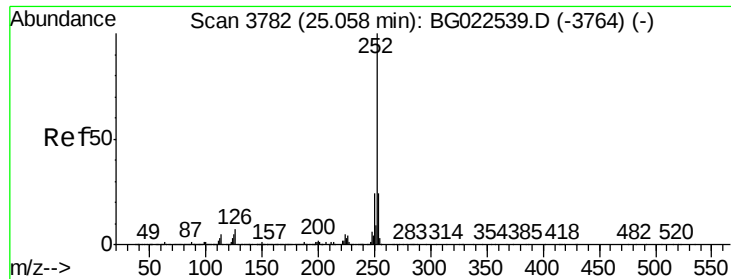
Delta R.T. -0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	252	Resp:	49077
Ion Ratio	Lower	Upper	
252	100		
253	17.3	18.8	28.2#
125	5.6	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 0.68 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.00 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

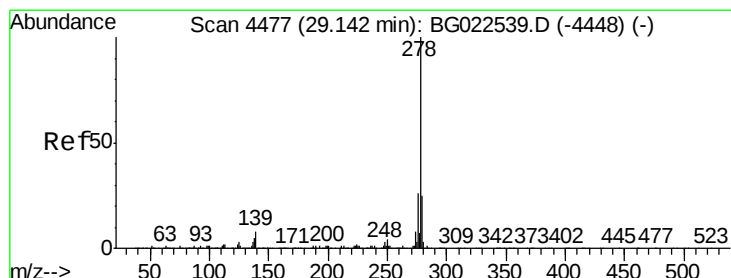
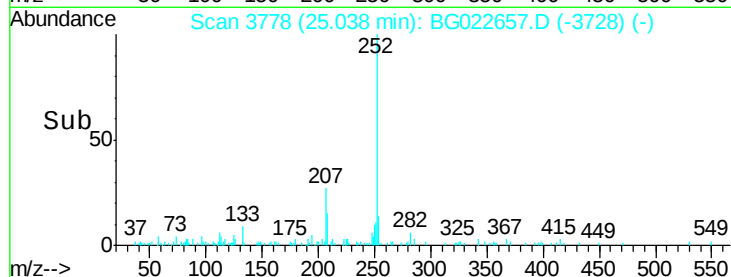
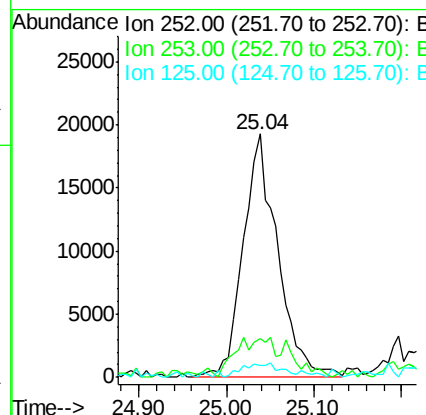
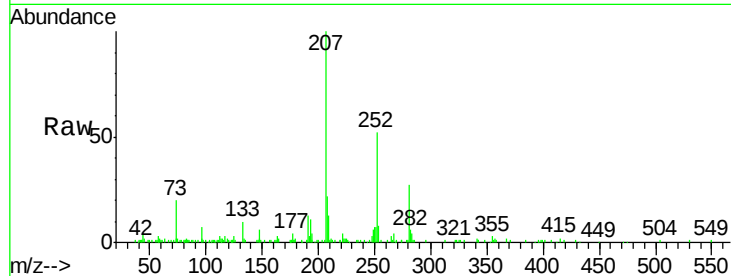
LOD-SOIL2016-01

Tot Ion:	252	Resp:	51570
Ion Ratio	Lower	Upper	
252	100		
253	15.8	18.7	28.1#
125	5.0	3.9	5.9

Manual Integrations

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#90

Dibenzo(a,h)anthracene

Concen: 0.51 ng

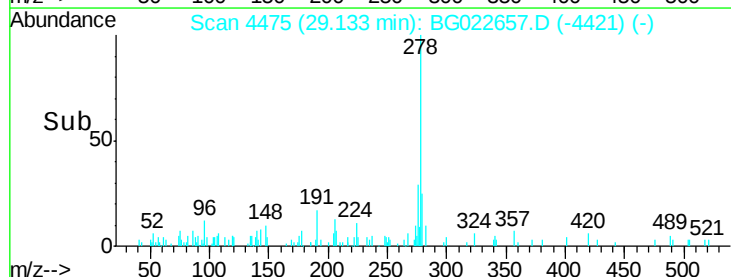
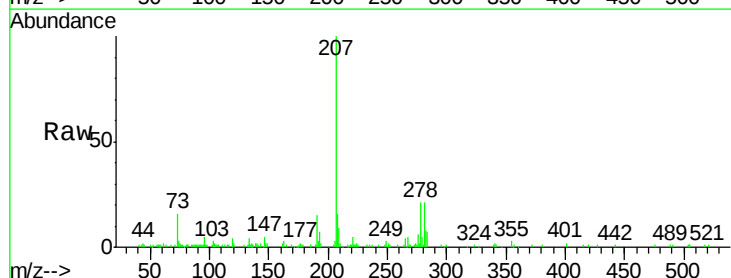
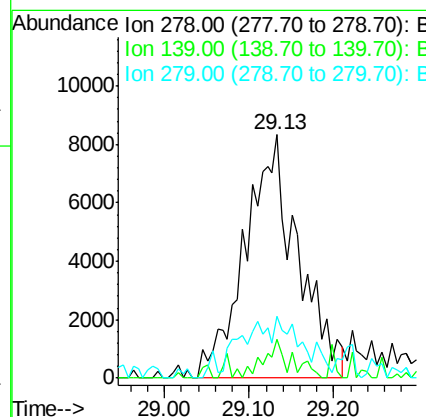
RT: 29.13 min Scan# 4475

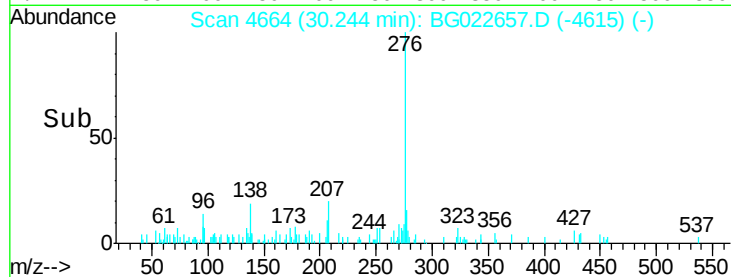
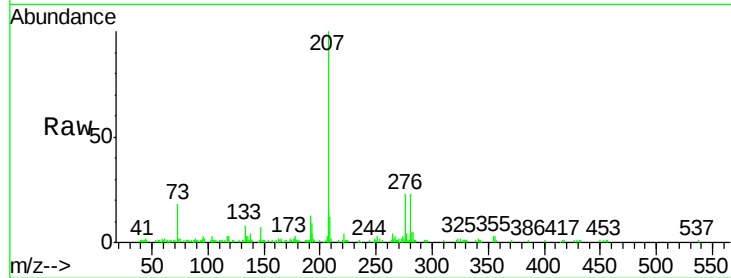
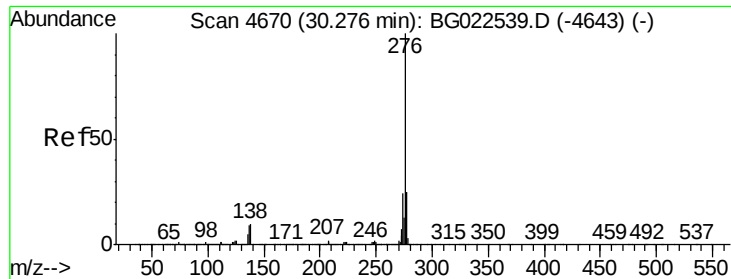
Delta R.T. 0.02 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Tgt Ion:	278	Resp:	35981
Ion Ratio	Lower	Upper	
278	100		
139	16.0	4.7	7.1#
279	25.5	18.3	27.5





#91

Benzo(a,h,i)perylene

Concen: 0.60 ng m

RT: 30.24 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BG022657.D

Acq: 28 Jun 2016 00:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:	276	Resp:	43243
Ion Ratio	Lower	Upper	
276	100		
277	15.6	18.6	27.8#
138	18.6	6.8	10.2#

Manual Integrations

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