

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029288.D
 Acq On : 17 Oct 2017 2:05
 Operator : SJ/JU
 Sample : I5833-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:04:13 PM

Quant Time: Oct 17 05:15:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66985	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	313991	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	208081	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	484519	20.00	ng	0.00
75) Chrysene-d12	21.80	240	509600	20.00	ng	0.00
86) Perylene-d12	25.11	264	535698	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	559146	139.45	ng	0.00
7) Phenol-d6	7.32	99	695933	123.65	ng	0.00
23) Nitrobenzene-d5	9.34	82	493379	99.85	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	411410	153.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1287448	90.75	ng	0.00
78) Terphenyl-d14	20.12	244	1987355	88.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	51147	31.438	ng	# 78
3) Pyridine	4.00	79	119624	25.249	ng	92
4) n-Nitrosodimethylamine	3.90	42	77270	34.891	ng	# 90
6) Aniline	7.49	93	116138	16.664	ng	96
8) 2-Chlorophenol	7.74	128	180421	39.255	ng	89
9) Benzaldehyde	7.30	77	57921	20.460	ng	94
10) Phenol	7.35	94	207103	34.131	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	170428	38.551	ng	92
12) 1,3-Dichlorobenzene	8.06	146	185164	35.884	ng	98
13) 1,4-Dichlorobenzene	8.21	146	189368	35.945	ng	95
14) 1,2-Dichlorobenzene	8.53	146	181474	35.713	ng	97
15) Benzyl Alcohol	8.41	79	169903	42.836	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	284249	37.860	ng	97
17) 2-Methylphenol	8.61	107	160611	39.846	ng	97
18) Hexachloroethane	9.26	117	65532	36.501	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	144899	37.863	ng	# 96
20) 3+4-Methylphenols	8.94	107	222238	39.129	ng	95
22) Acetophenone	8.99	105	278284	36.776	ng	# 95
24) Nitrobenzene	9.38	77	212648	38.277	ng	# 94
25) Isophorone	9.90	82	412917	40.031	ng	# 94
26) 2-Nitrophenol	10.09	139	108203	40.751	ng	90
27) 2,4-Dimethylphenol	10.14	122	190944	39.746	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	247572	39.141	ng	97
29) 2,4-Dichlorophenol	10.63	162	208527	40.705	ng	92
30) 1,2,4-Trichlorobenzene	10.85	180	209032	37.768	ng	98
31) Naphthalene	11.04	128	601213	38.419	ng	98
32) Benzoic acid	10.27	122	129459	32.184	ng	# 83
33) 4-Chloroaniline	11.14	127	35034	5.322	ng	93
34) Hexachlorobutadiene	11.33	225	122162	35.501	ng	97
35) Caprolactam	11.91	113	56170m	32.991	ng	
36) 4-Chloro-3-methylphenol	12.25	107	220741	39.177	ng	# 86
37) 2-Methylnaphthalene	12.63	142	468982	41.120	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	254077	33.444	ng	97
40) Hexachlorocyclopentadiene	12.98	237	256755	88.678	ng	89

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029288.D
 Acq On : 17 Oct 2017 2:05
 Operator : SJ/JU
 Sample : I5833-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

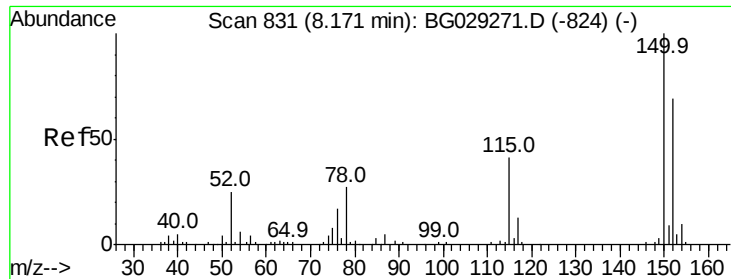
Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:04:13 PM

Quant Time: Oct 17 05:15:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	178624	37.454	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	201753	41.193	ng	96
45) 1,1'-Biphenyl	13.63	154	631443	35.305	ng	97
46) 2-Chloronaphthalene	13.68	162	482450	36.981	ng	97
47) 2-Nitroaniline	13.87	65	153325	42.789	ng #	86
48) Acenaphthylene	14.52	152	788114	38.601	ng	99
49) Dimethylphthalate	14.24	163	639342	39.380	ng	100
50) 2,6-Dinitrotoluene	14.36	165	145215	42.668	ng #	81
51) Acenaphthene	14.86	154	493978	37.185	ng	97
52) 3-Nitroaniline	14.69	138	83681	22.786	ng #	81
53) 2,4-Dinitrophenol	14.89	184	163587	86.683	ng #	52
54) Dibenzofuran	15.19	168	781025	41.184	ng	98
55) 4-Nitrophenol	14.99	139	235621	77.822	ng #	80
56) 2,4-Dinitrotoluene	15.14	165	201924	43.828	ng #	80
57) Fluorene	15.83	166	623653	39.809	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	188421	46.111	ng	96
59) Diethylphthalate	15.59	149	654832	40.472	ng	98
60) 4-Chlorophenyl-phenylether	15.82	204	336646	40.304	ng	97
61) 4-Nitroaniline	15.84	138	153336	40.662	ng	86
62) Azobenzene	16.11	77	589133	43.179	ng	98
64) 4,6-Dinitro-2-methylphenol	15.91	198	101926	38.139	ng	87
65) n-Nitrosodiphenylamine	16.03	169	565814	38.983	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	222611	40.040	ng	97
67) Hexachlorobenzene	16.84	284	236599	37.569	ng	98
68) Atrazine	16.97	200	218260	42.145	ng	98
69) Pentachlorophenol	17.18	266	303361	83.854	ng	97
70) Phenanthrene	17.57	178	1014216	40.519	ng	98
71) Anthracene	17.66	178	1022477	40.681	ng	99
72) Carbazole	17.92	167	952356	39.445	ng	97
73) Di-n-butylphthalate	18.47	149	1123616	40.464	ng	99
74) Fluoranthene	19.57	202	1217430	41.584	ng	97
76) Benzidine	19.73	184	315748	20.521	ng	99
77) Pyrene	19.93	202	1236951	40.014	ng	96
79) Butylbenzylphthalate	20.80	149	533160	40.482	ng	91
80) Benzo(a)anthracene	21.78	228	1209314	40.419	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	251393	20.357	ng	97
82) Chrysene	21.85	228	1129096	39.405	ng	96
83) Bis(2-ethylhexyl)phthalate	21.67	149	743992	39.362	ng	100
84) Di-n-octyl phthalate	22.92	149	1285158	39.013	ng	98
85) Indeno(1,2,3-cd)pyrene	28.90	276	1437723	40.785	ng #	93
87) Benzo(b)fluoranthene	24.06	252	1240481	40.447	ng	99
88) Benzo(k)fluoranthene	24.13	252	1226673	40.147	ng	98
89) Benzo(a)pyrene	24.96	252	1202230	40.776	ng	99
90) Dibenzo(a,h)anthracene	28.98	278	1180731	39.556	ng	98
91) Benzo(g,h,i)perylene	30.10	276	1108202	39.958	ng	98

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



#1

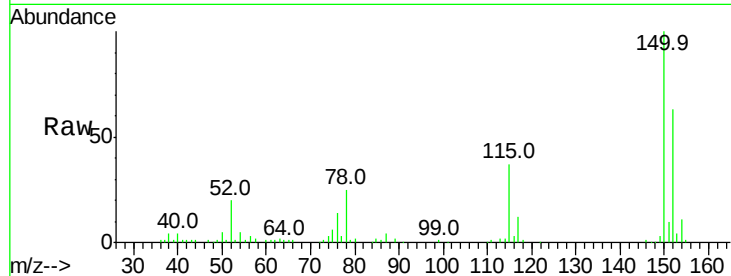
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

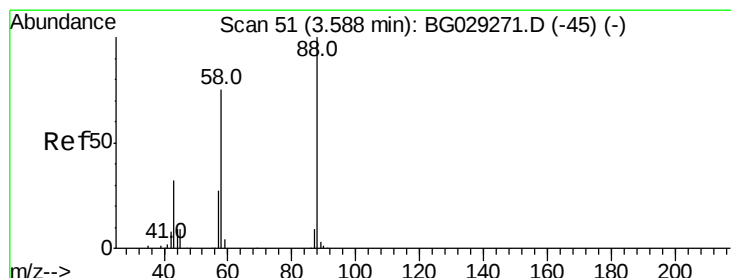
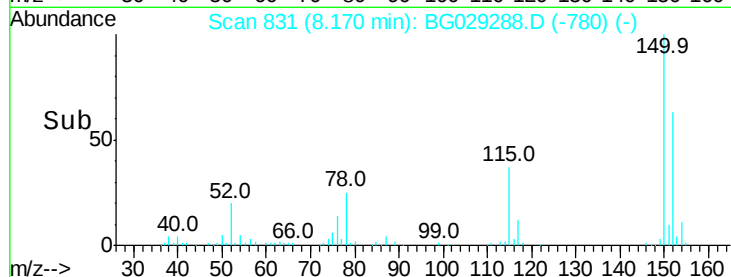
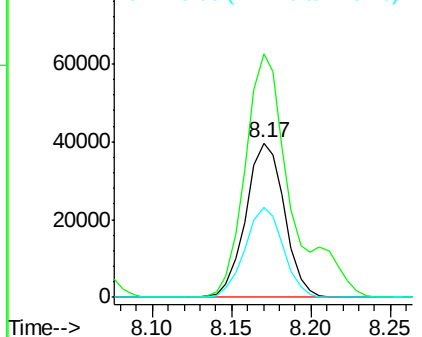
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	58.3	53.0	79.4

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



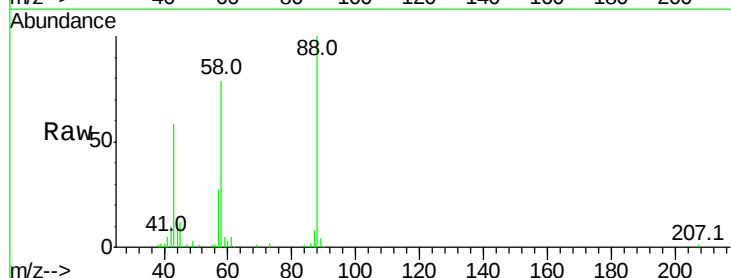
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



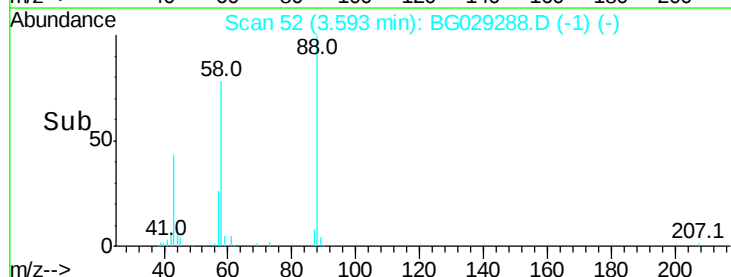
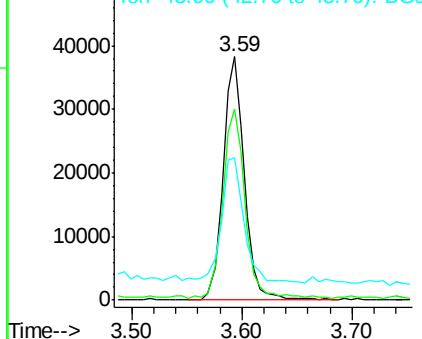
#2

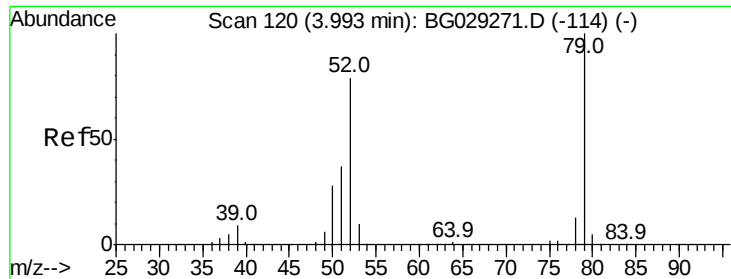
1,4-Dioxane
Concen: 31.438 ng
RT: 3.59 min Scan# 52
Delta R.T. 0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	79.6	119.4
43	55.1	27.4	41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.249 ng

RT: 4.00 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

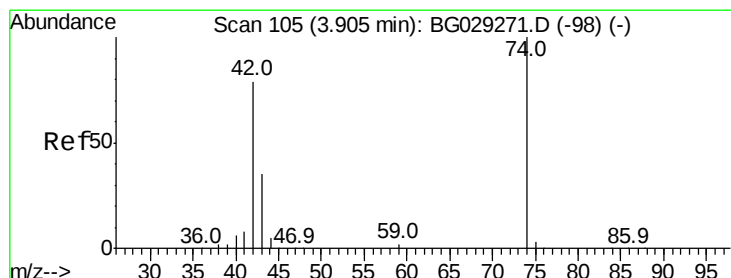
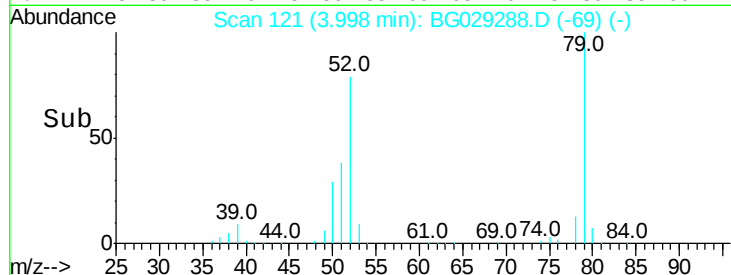
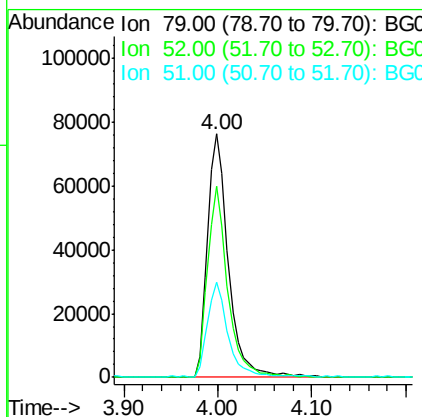
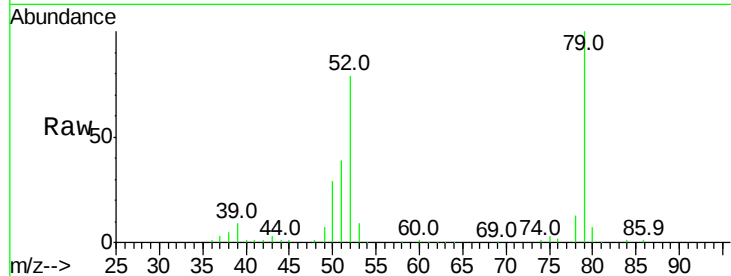
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	79	Resp:	119624
Ion Ratio	Lower	Upper	
79	100		
52	78.7	69.9	104.9
51	38.9	34.0	51.0

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#4

n-Nitrosodimethylamine

Concen: 34.891 ng

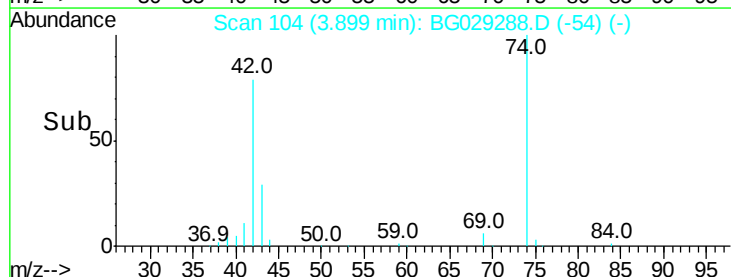
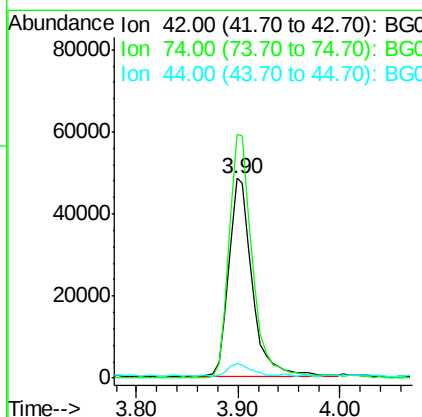
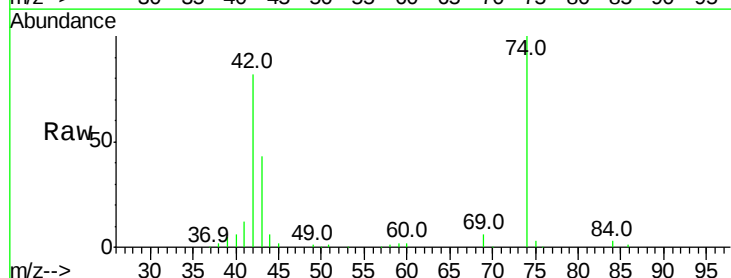
RT: 3.90 min Scan# 104

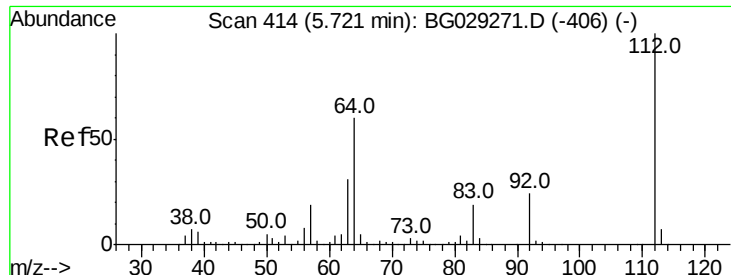
Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	42	Resp:	77270
Ion Ratio	Lower	Upper	
42	100		
74	122.0	102.5	153.7
44	7.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 139.447 ng

RT: 5.73 min Scan# 415

Delta R.T. 0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

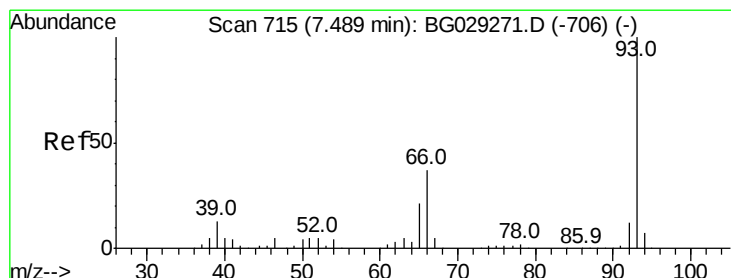
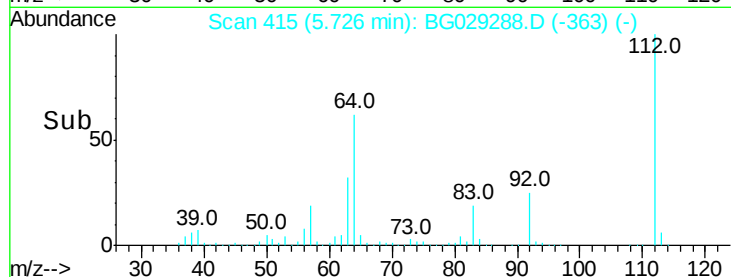
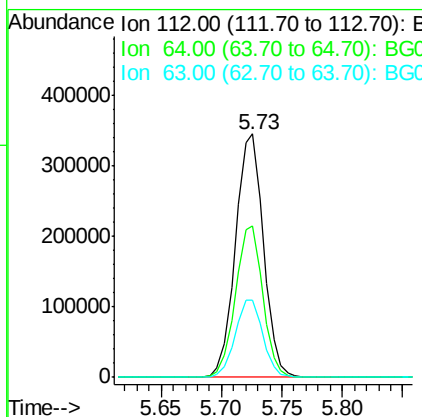
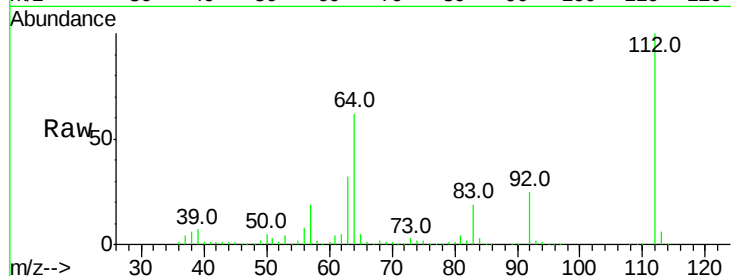
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	112	Resp:	559146
Ion Ratio	Lower	Upper	
112	100		
64	62.0	56.3	84.5
63	32.0	30.1	45.1

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#6

Aniline

Concen: 16.664 ng

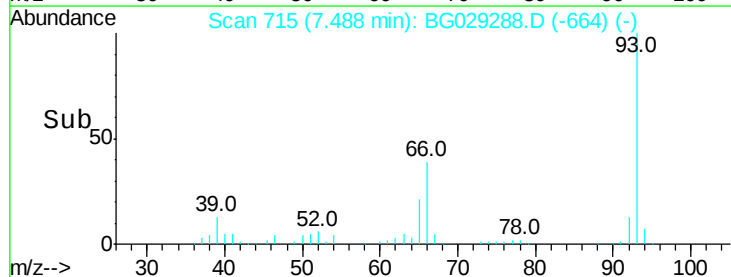
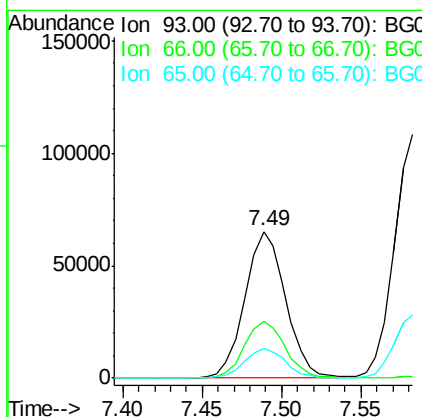
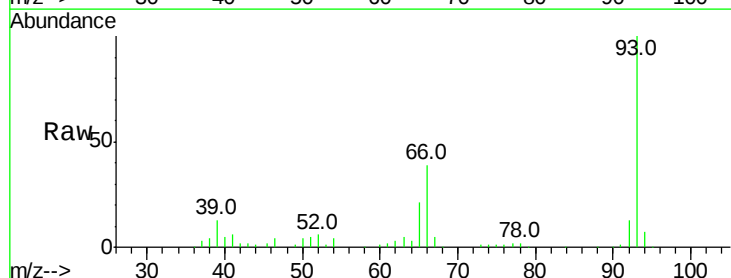
RT: 7.49 min Scan# 715

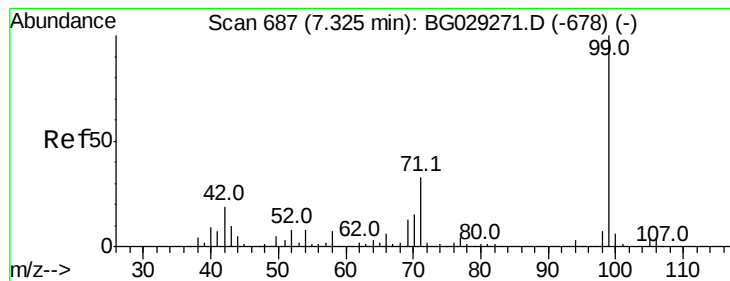
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	93	Resp:	116138
Ion Ratio	Lower	Upper	
93	100		
66	38.9	33.7	50.5
65	20.7	16.1	24.1





#7

Phenol-d6

Concen: 123.649 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

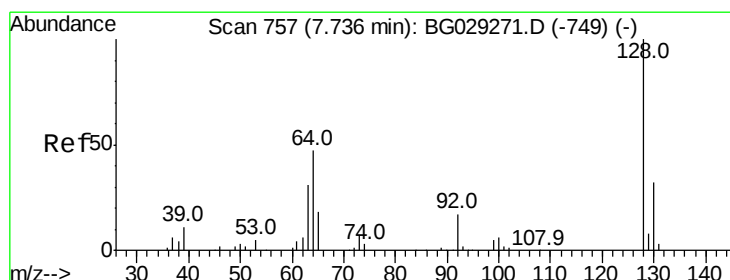
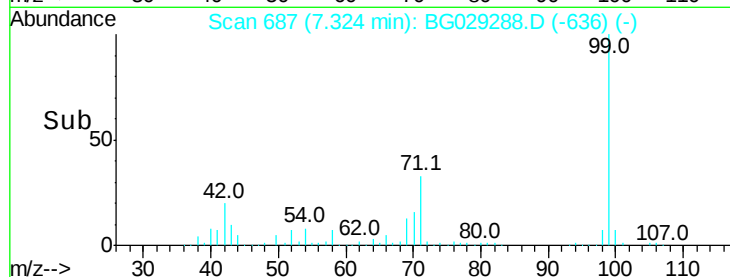
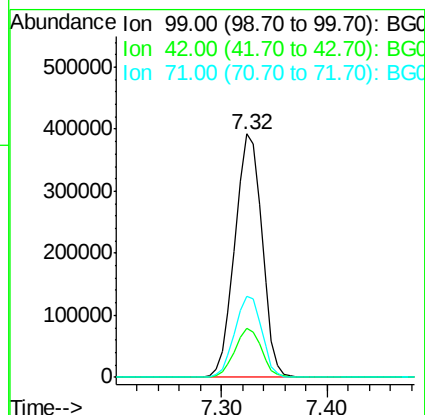
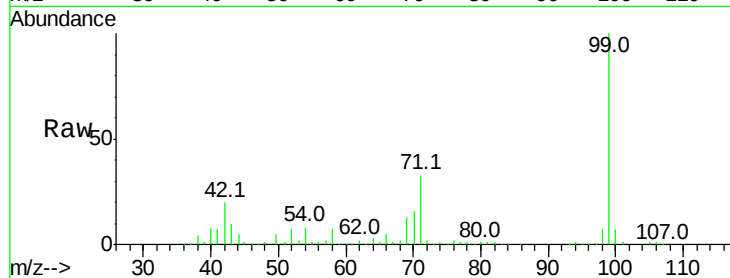
ClientSampled :

WC-101117-SOILMSD

Tot Ion:	99	Resp:	695933
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.1	21.1
71	33.4	26.1	39.1

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#8

2-Chlorophenol

Concen: 39.255 ng

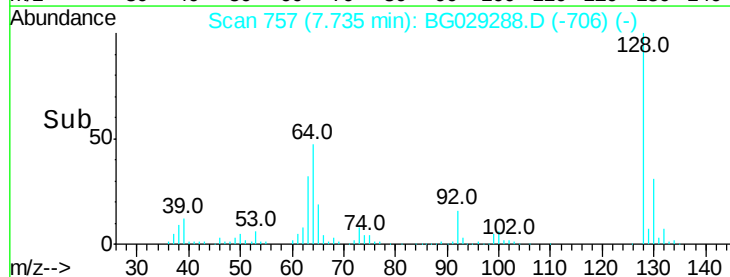
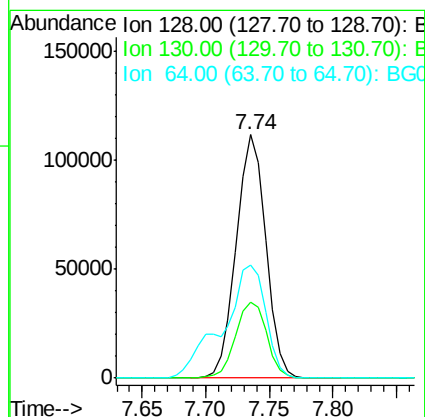
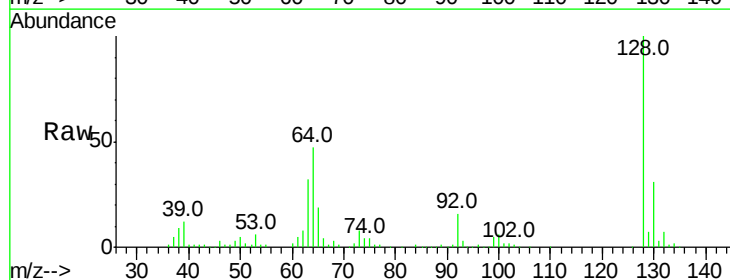
RT: 7.74 min Scan# 757

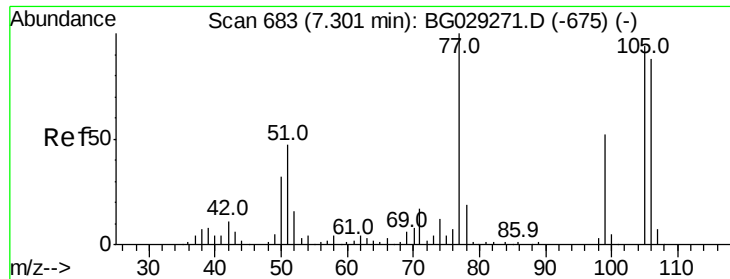
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	128	Resp:	180421
Ion Ratio	Lower	Upper	
128	100		
130	31.5	14.0	54.0
64	46.6	37.7	77.7





#9

Benzaldehyde

Concen: 20.460 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMSD

Tot Ion: 77 Resp: 57921

Ion Ratio Lower Upper

77 100

105 96.6 71.3 111.3

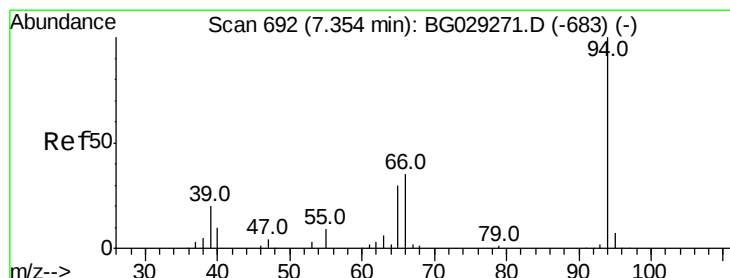
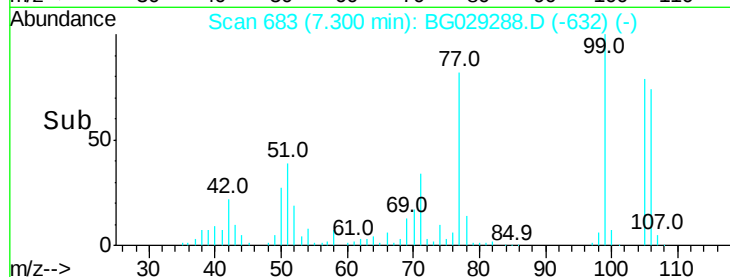
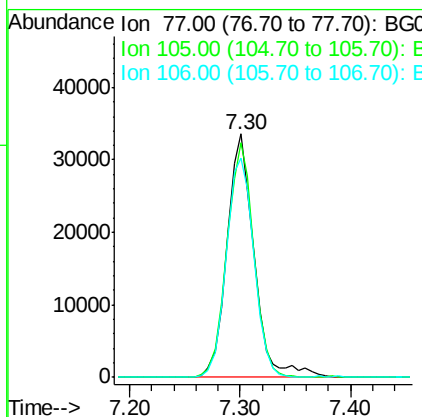
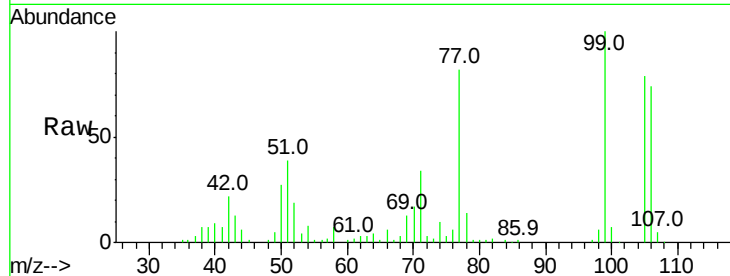
106 90.2 64.2 104.2

Manual Integrations

APPROVED

Sohil

10/17/2017 5:04:13 PM



#10

Phenol

Concen: 34.131 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

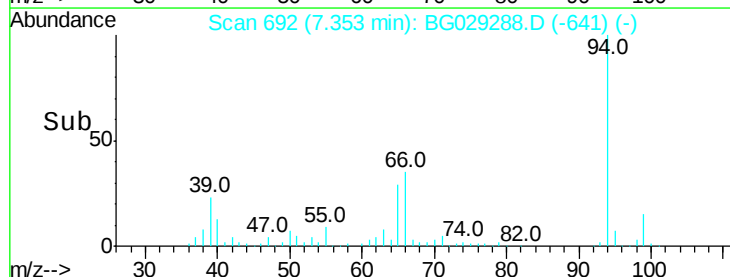
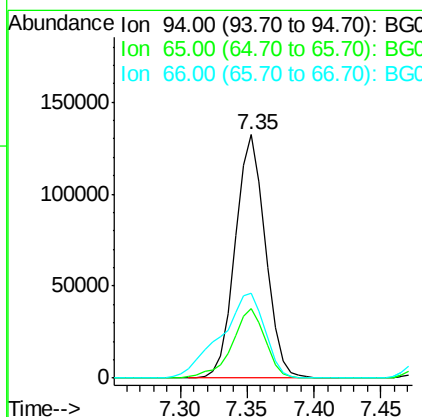
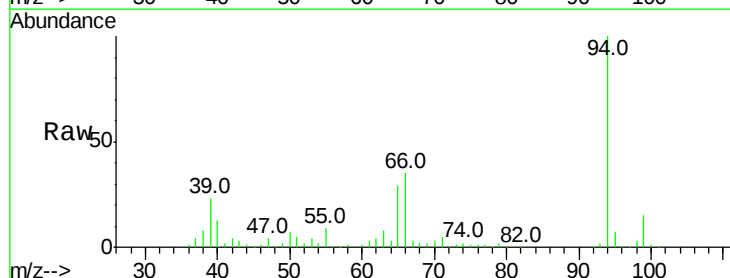
Tgt Ion: 94 Resp: 207103

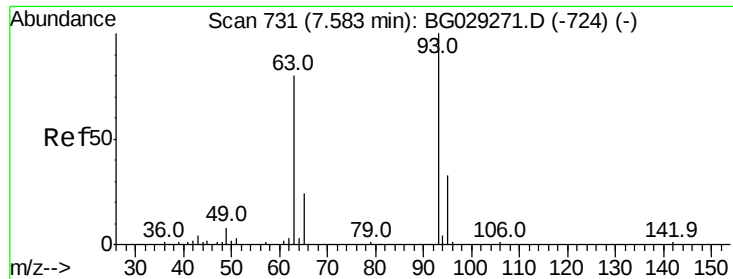
Ion Ratio Lower Upper

94 100

65 28.7 11.9 51.9

66 34.8 22.2 62.2





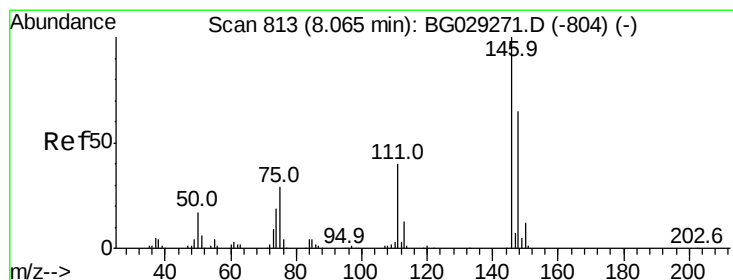
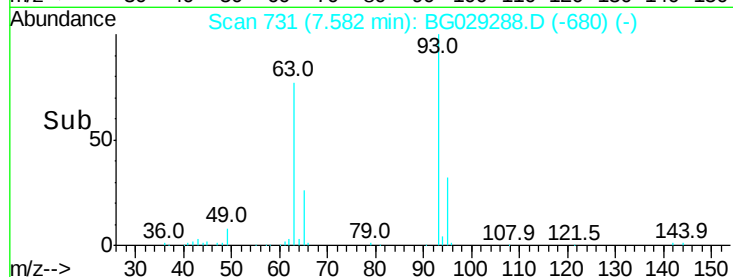
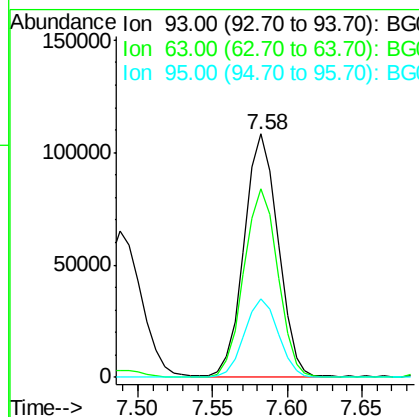
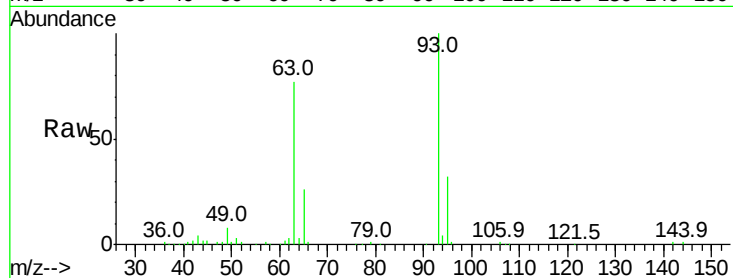
#11
bis(2-Chloroethyl)ether
Concen: 38.551 ng
RT: 7.58 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	67.1	107.1
95	32.1	11.5	51.5

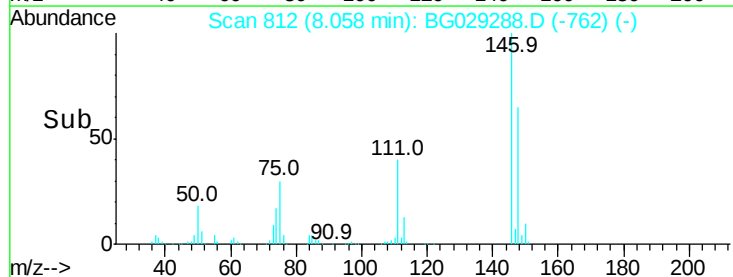
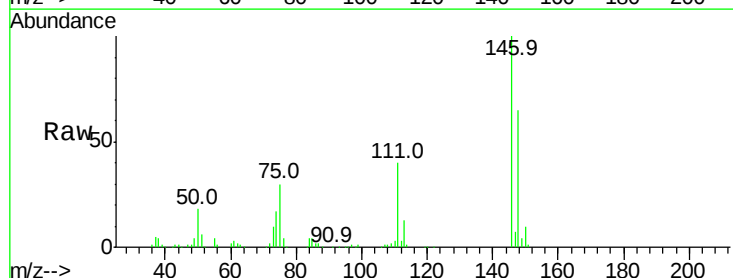
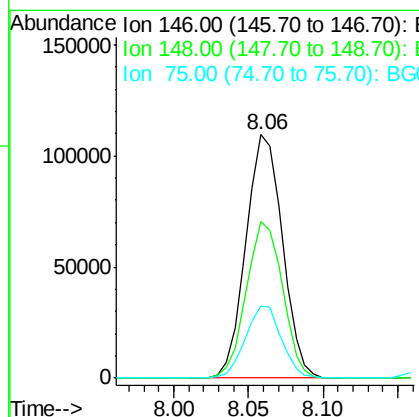
Manual Integrations
APPROVED

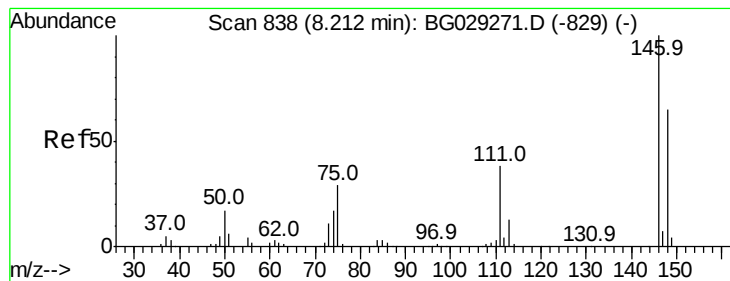
Sohil
10/17/2017 5:04:13 PM



#12
1,3-Dichlorobenzene
Concen: 35.884 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
75	29.6	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 35.945 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

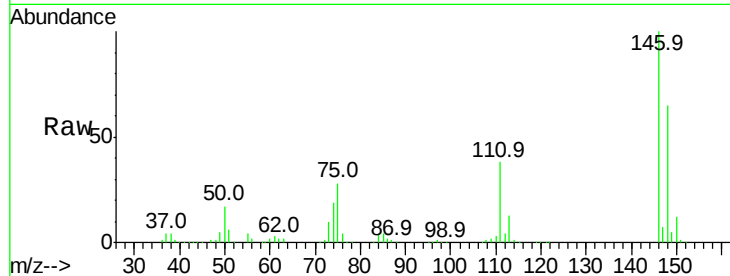
ClientSampleId :

WC-101117-SOILMSD

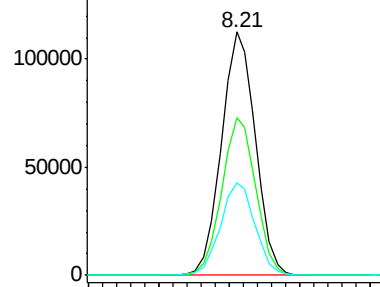
Tot Ion:	146	Resp:	189368
Ion Ratio	Lower	Upper	
146	100		
148	64.8	53.7	80.5
111	38.2	35.2	52.8

Manual Integrations
APPROVED

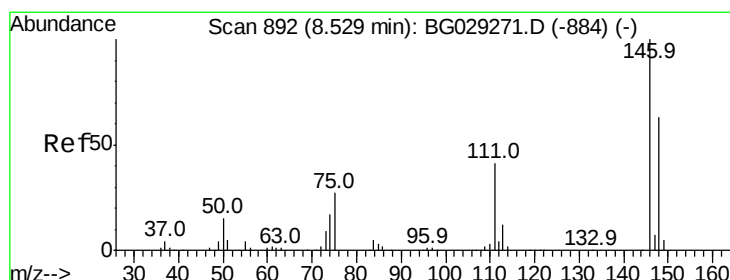
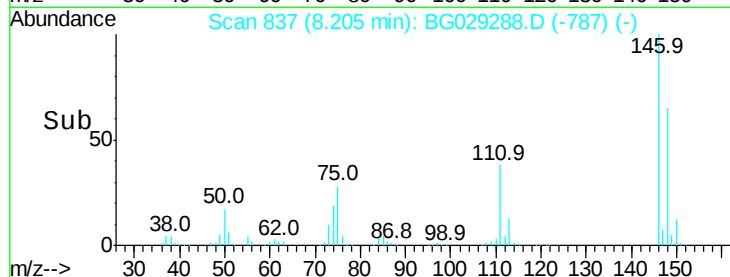
Sohil
10/17/2017 5:04:13 PM



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



Time--> 8.10 8.15 8.20 8.25



#14

1,2-Dichlorobenzene

Concen: 35.713 ng

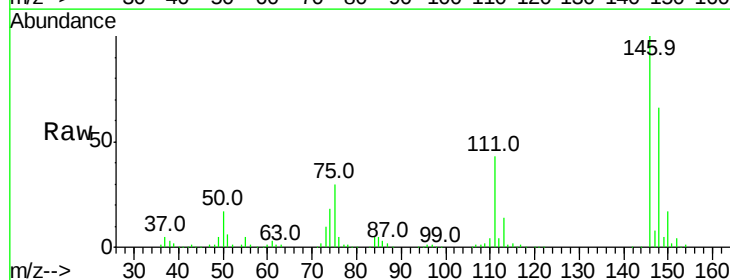
RT: 8.53 min Scan# 892

Delta R.T. -0.00 min

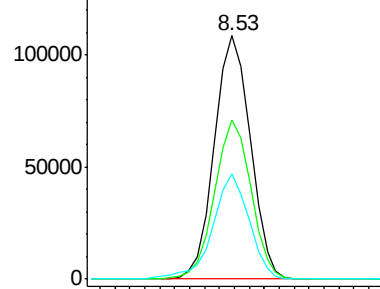
Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

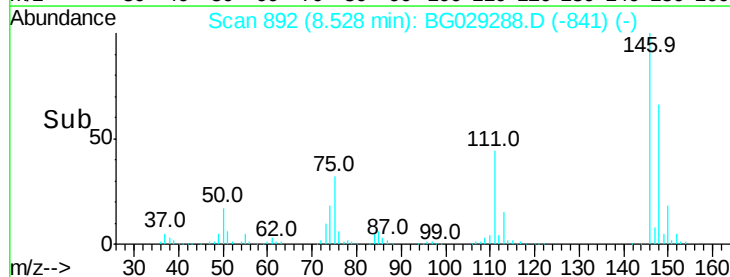
Tgt Ion:	146	Resp:	181474
Ion Ratio	Lower	Upper	
146	100		
148	65.5	49.3	73.9
111	43.1	34.3	51.5

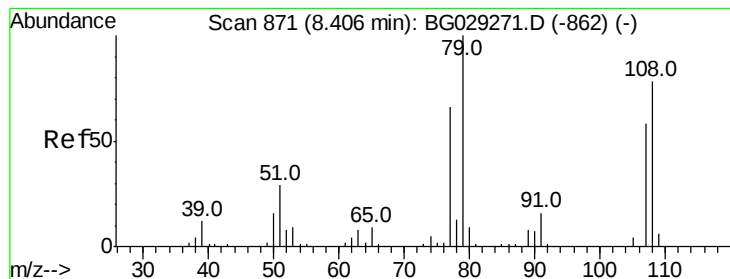


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time--> 8.45 8.50 8.55 8.60





#15

Benzyl Alcohol

Concen: 42.836 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMSD

Tot Ion: 79 Resp: 169903

Ion Ratio Lower Upper

79 100

108 77.1 57.2 85.8

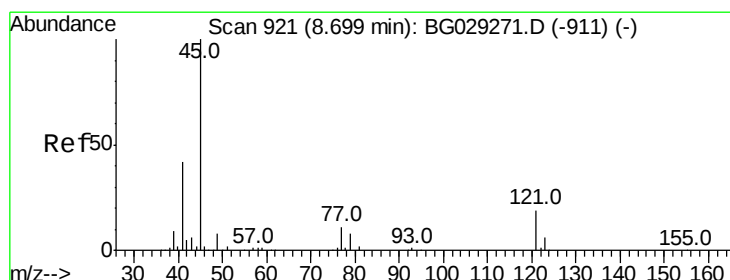
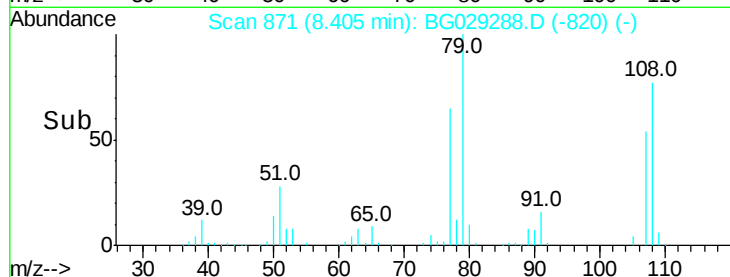
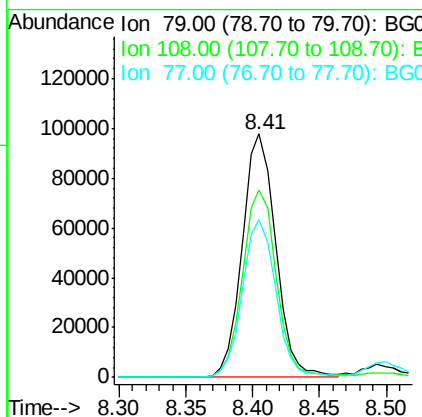
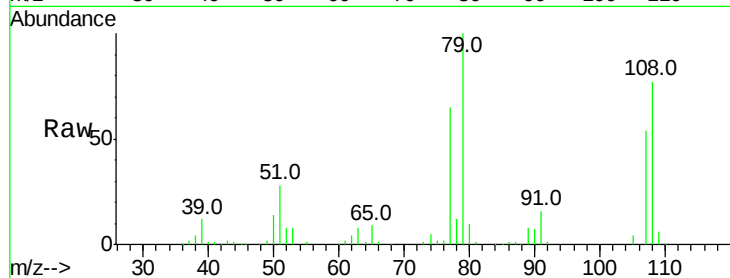
77 64.6 46.1 69.1

Manual Integrations

APPROVED

Sohil

10/17/2017 5:04:13 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.860 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

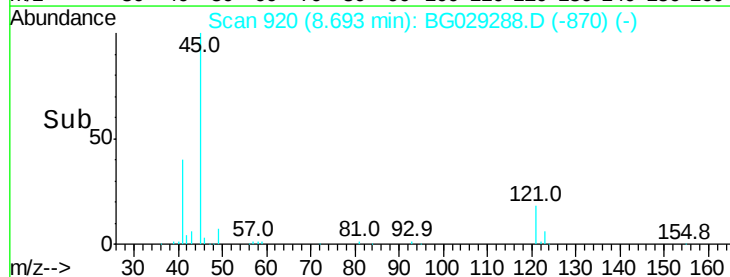
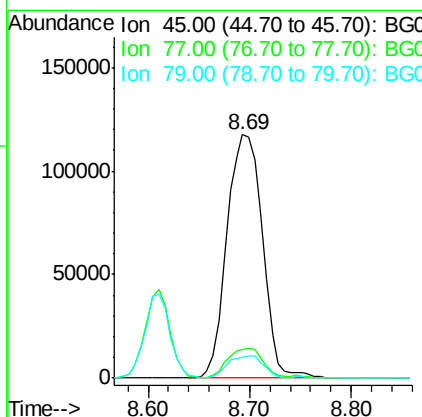
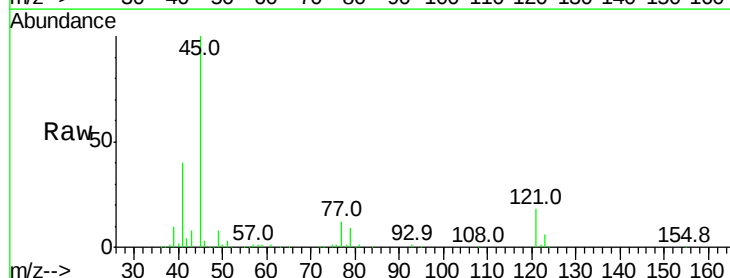
Tgt Ion: 45 Resp: 284249

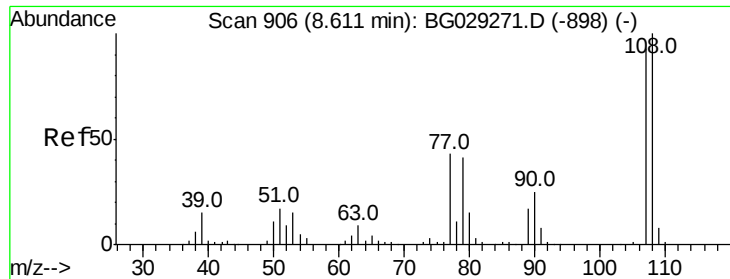
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.2

79 8.8 0.0 27.9





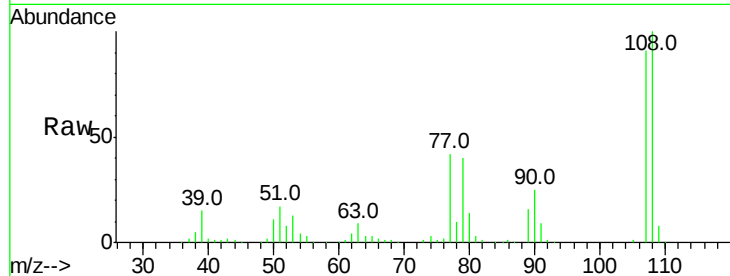
#17
2-Methylphenol
Concen: 39.846 ng
RT: 8.61 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

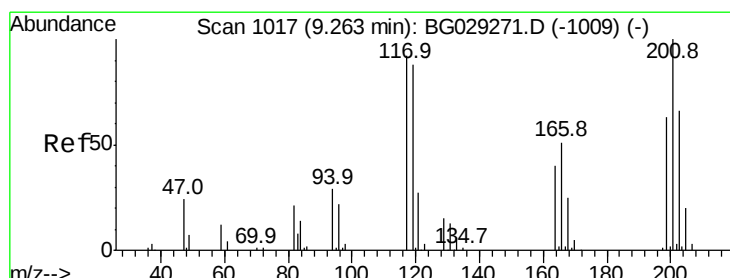
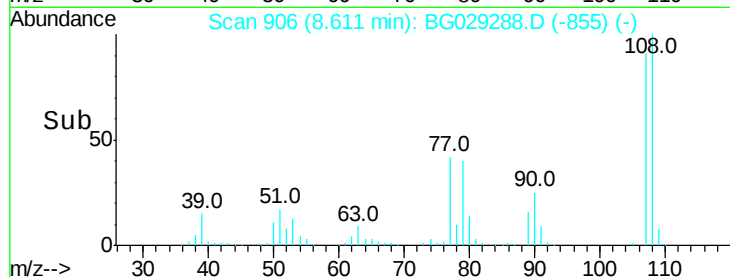
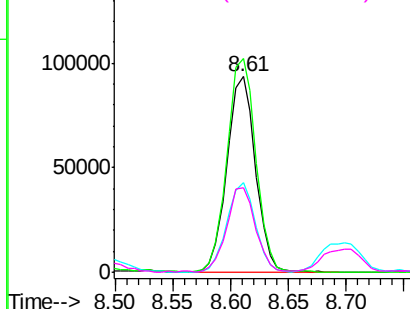
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	83.9	125.9	
77	45.6	37.2	55.8	
79	43.5	36.2	54.2	

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



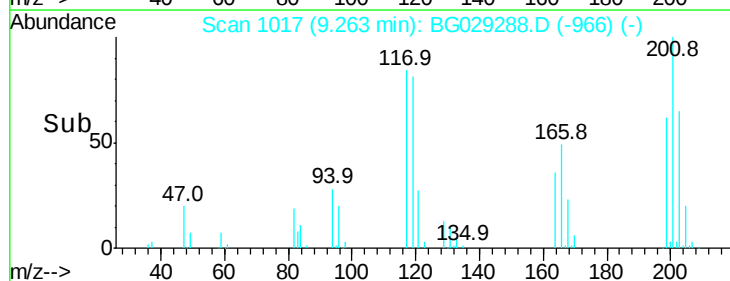
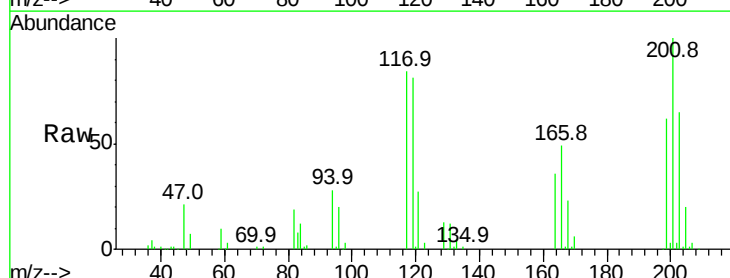
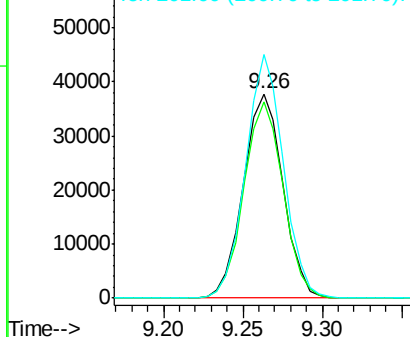
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

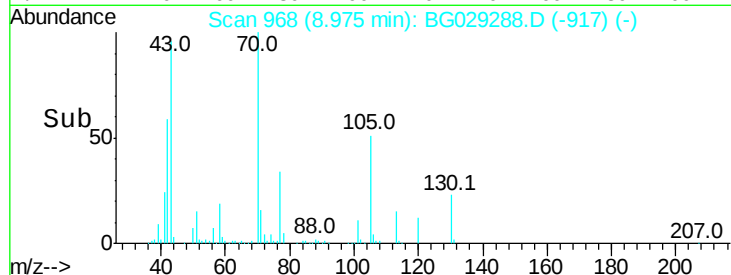
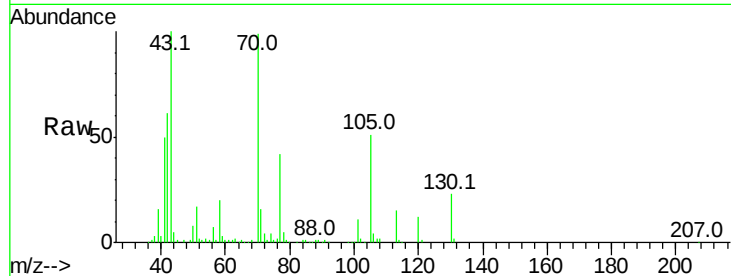
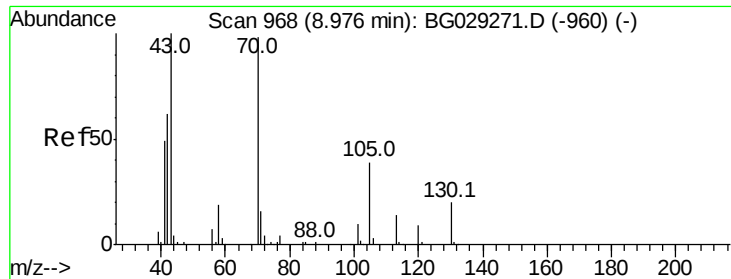


#18
Hexachloroethane
Concen: 36.501 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.7	115.1	
201	119.4	95.7	143.5	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





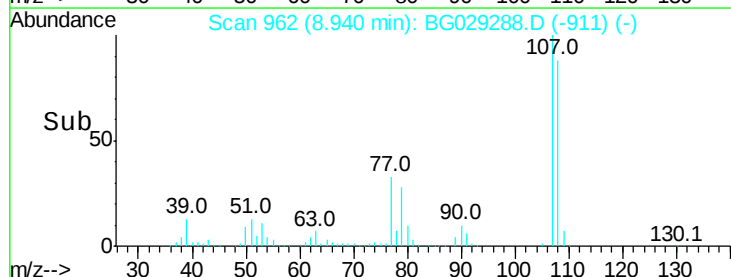
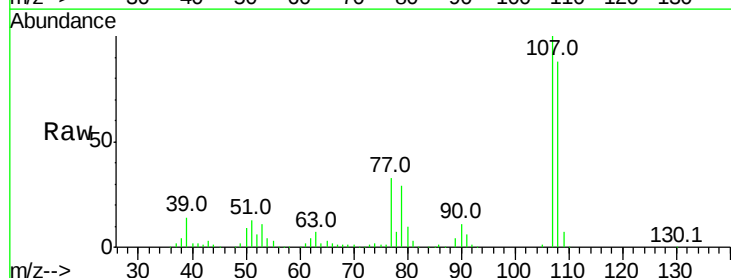
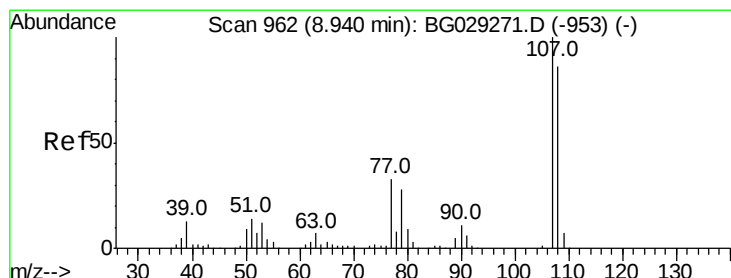
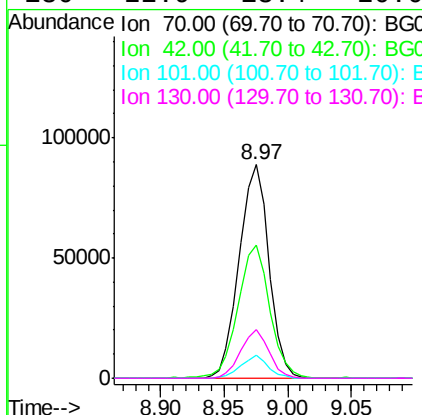
#19
n-Nitroso-di-n-propylamine
Concen: 37.863 ng
RT: 8.97 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Manual Integrations
APPROVED

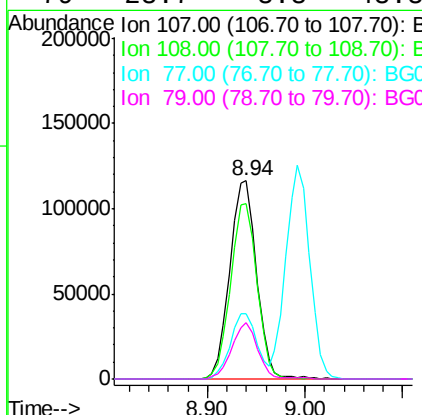
Sohil
10/17/2017 5:04:13 PM

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.3	49.1	73.7	
101	11.1	8.5	12.7	
130	22.9	13.4	20.0	



#20
3+4-Methylphenols
Concen: 39.129 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	61.6	101.6	
77	32.9	13.9	53.9	
79	28.7	8.8	48.8	





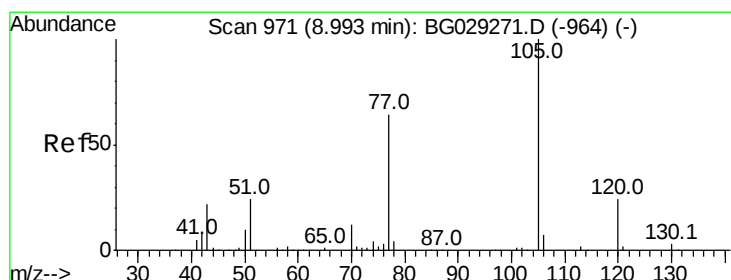
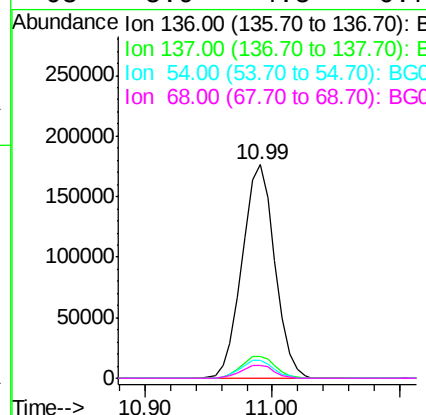
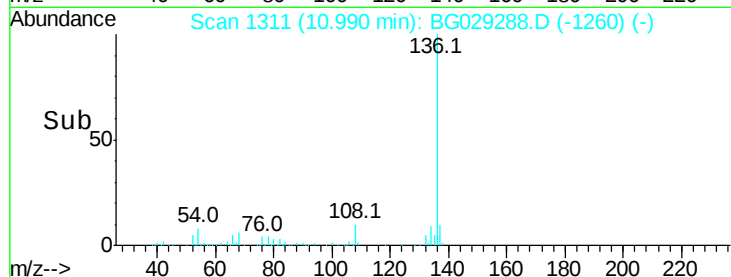
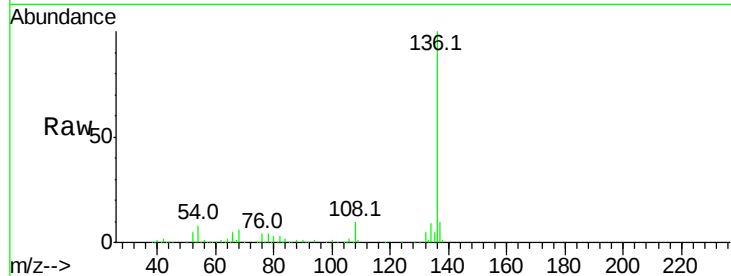
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	9.2	13.8	
54	8.4	10.3	15.5	
68	5.9	4.5	6.7	

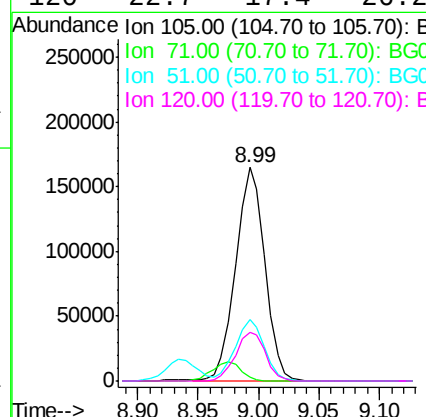
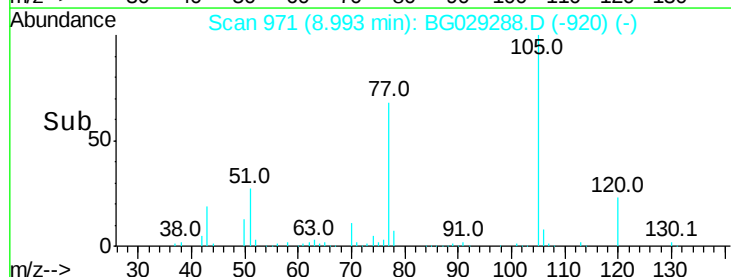
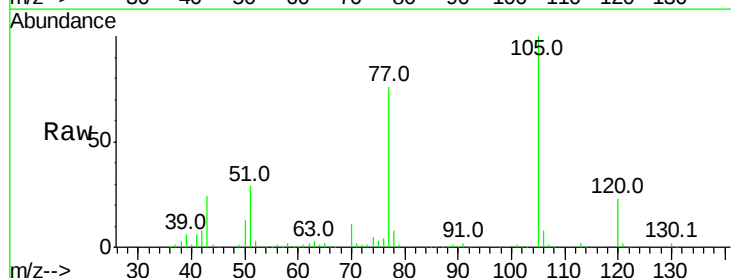
Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#22
Acetophenone
Concen: 36.776 ng
RT: 8.99 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.1	3.0	4.4	
51	28.8	26.1	39.1	
120	22.7	17.4	26.2	





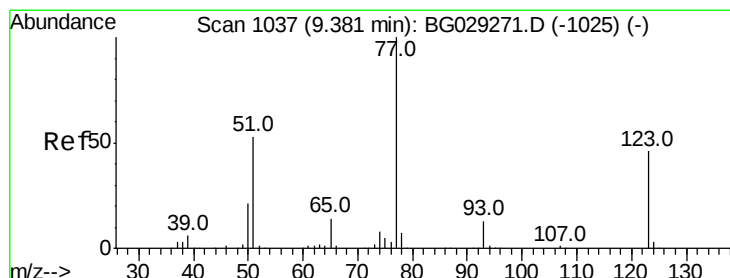
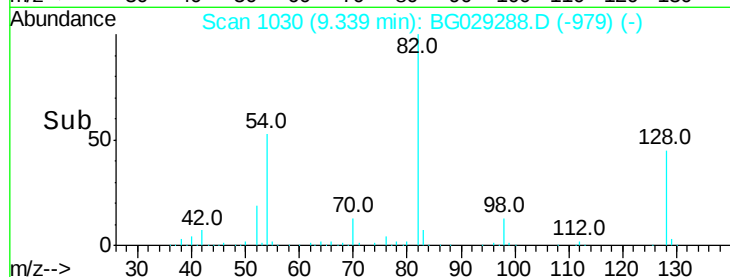
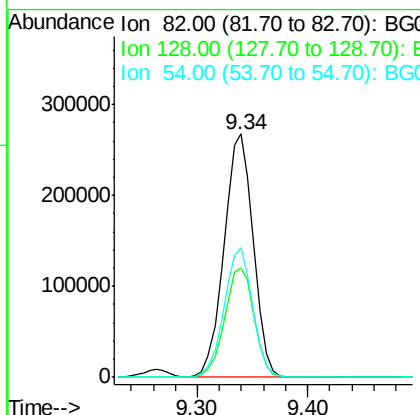
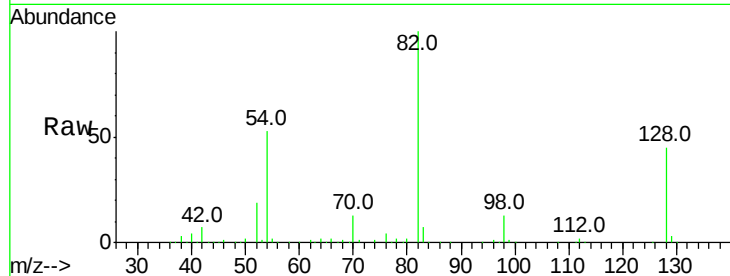
#23
Nitrobenzene-d5
Concen: 99.853 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	29.7	44.5#	
54	53.4	43.1	64.7	

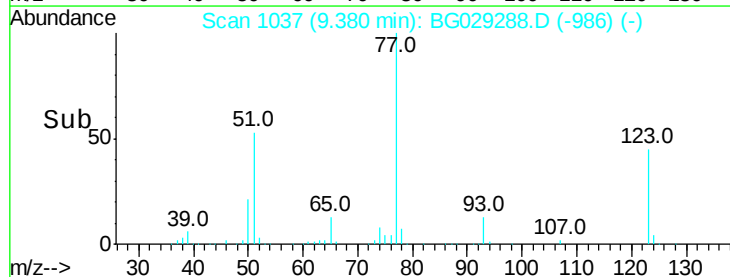
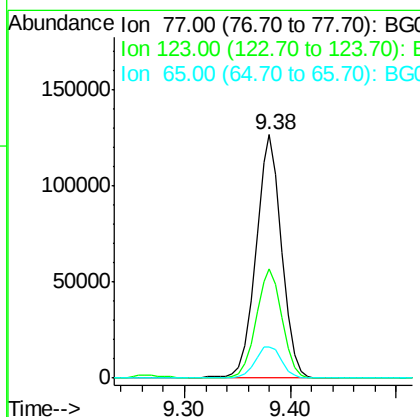
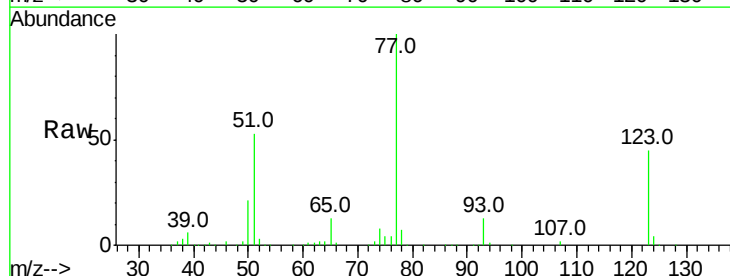
Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#24
Nitrobenzene
Concen: 38.277 ng
RT: 9.38 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.9	33.0	49.6	
65	12.9	13.0	19.6#	





#25

Isophorone

Concen: 40.031 ng

RT: 9.90 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMSD

Tot Ion: 82 Resp: 412917

Ion Ratio Lower Upper

82 100

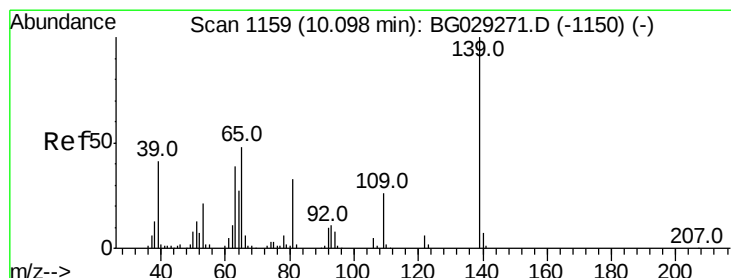
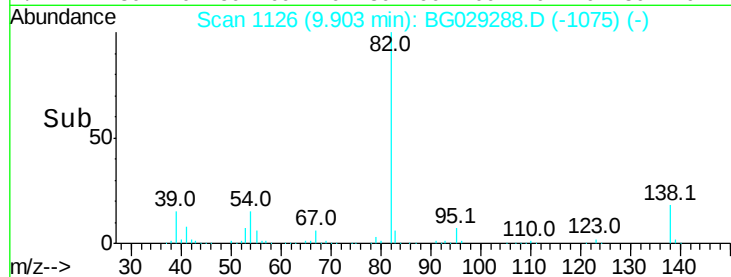
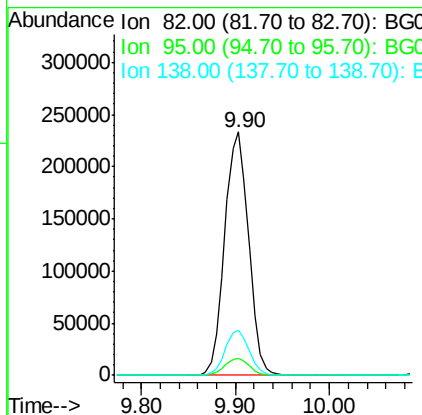
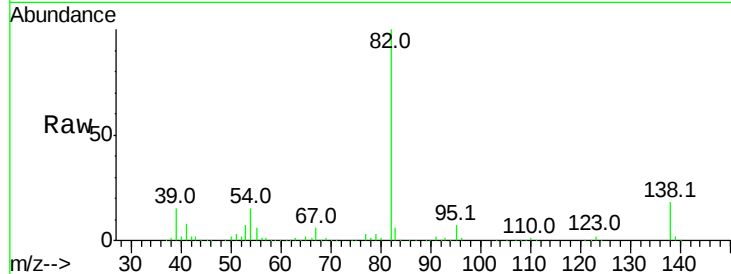
95 6.9 6.2 9.2

138 18.5 12.1 18.1#

Manual Integrations
APPROVED

Sohil

10/17/2017 5:04:13 PM



#26

2-Nitrophenol

Concen: 40.751 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

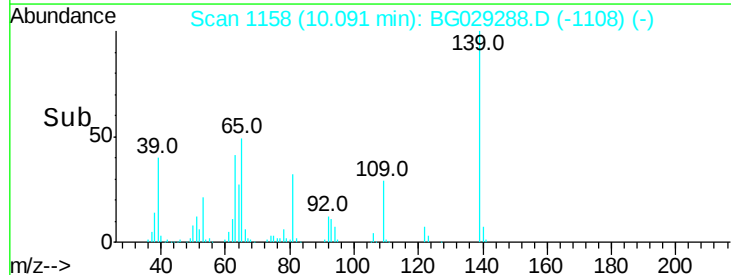
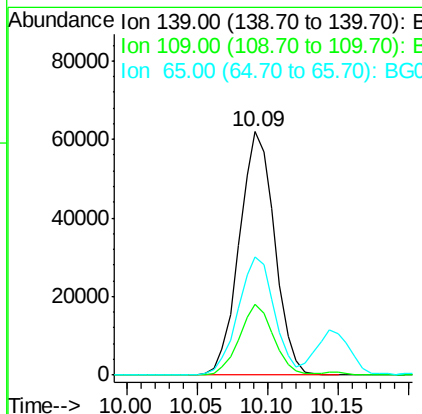
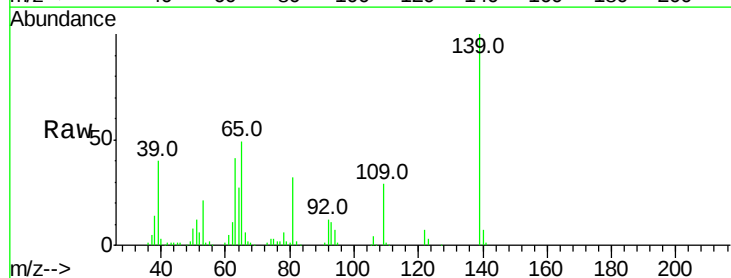
Tgt Ion: 139 Resp: 108203

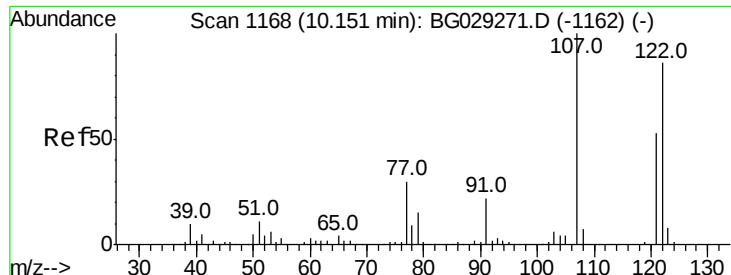
Ion Ratio Lower Upper

139 100

109 29.0 24.2 36.2

65 48.6 47.4 71.0





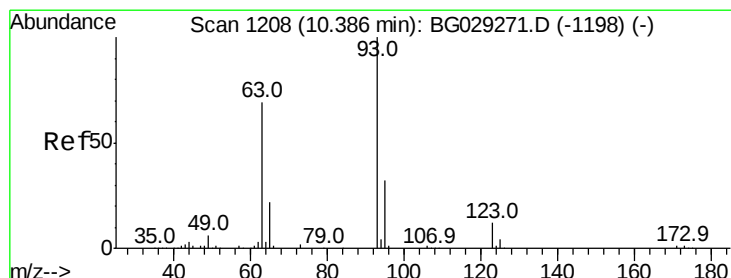
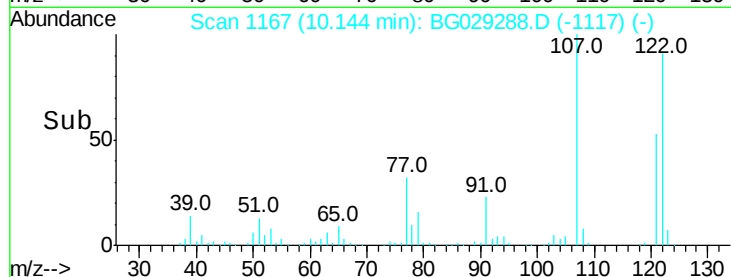
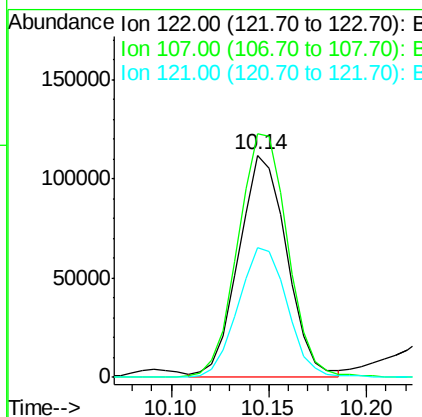
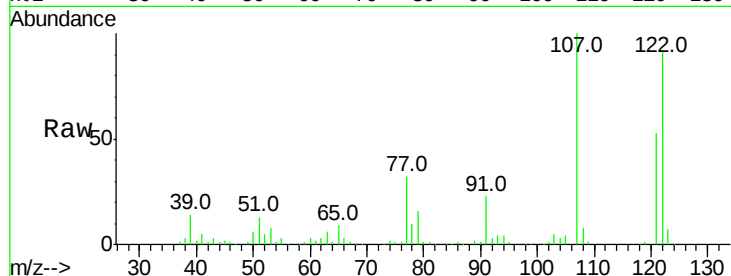
#27
 2,4-Dimethylphenol
 Concen: 39.746 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	100.2	150.2
121	58.1	44.4	66.6

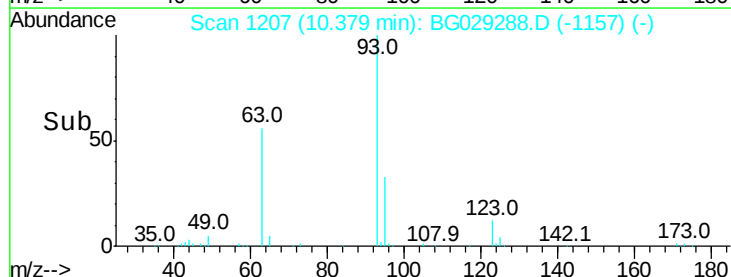
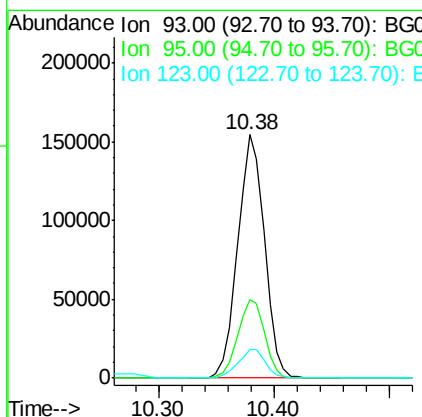
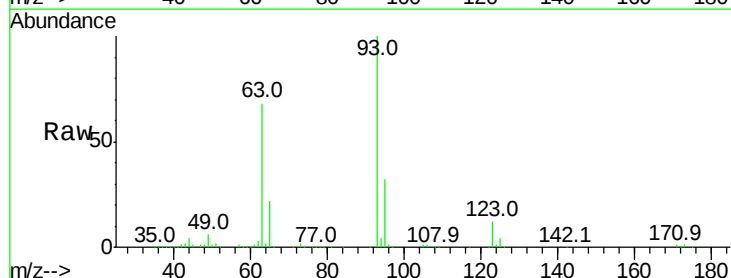
Manual Integrations
 APPROVED

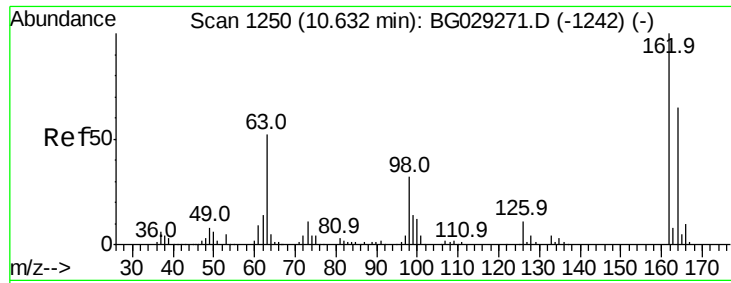
Sohil
 10/17/2017 5:04:13 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.141 ng
 RT: 10.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.3	36.5
123	11.9	8.4	12.6





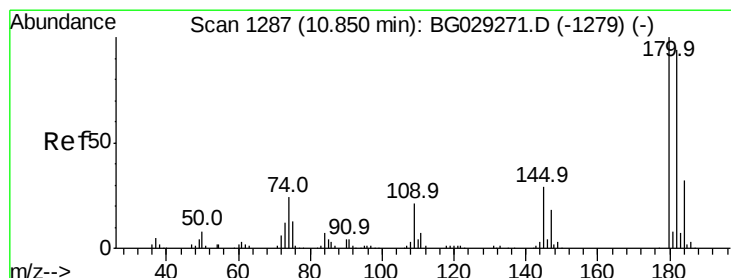
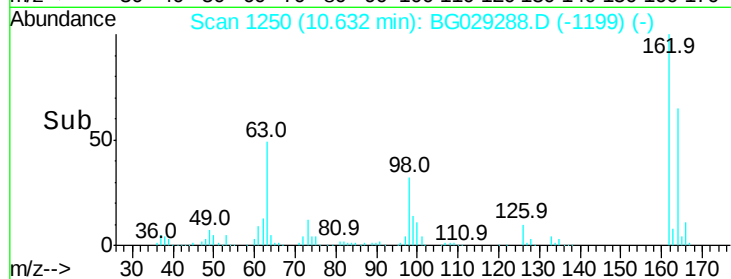
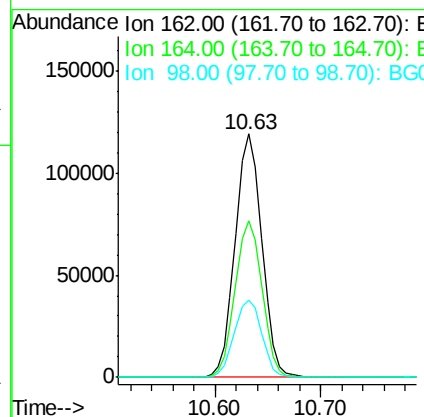
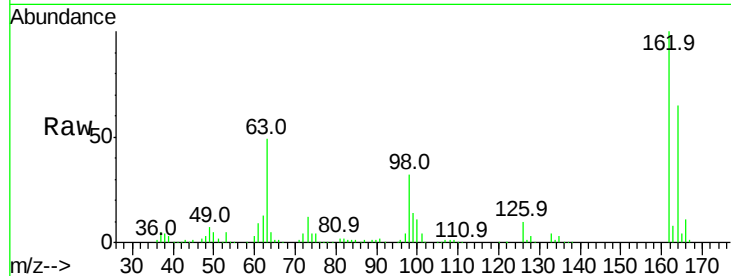
#29
 2,4-Dichlorophenol
 Concen: 40.705 ng
 RT: 10.63 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	48.0	88.0
98	31.6	21.1	61.1

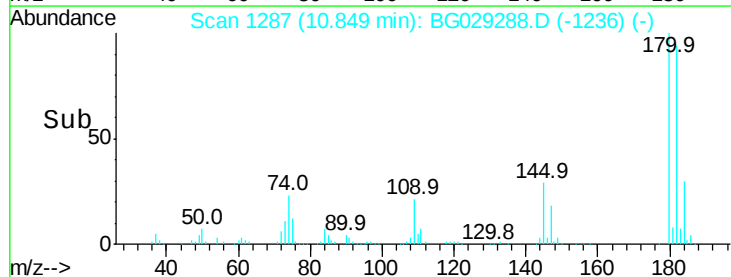
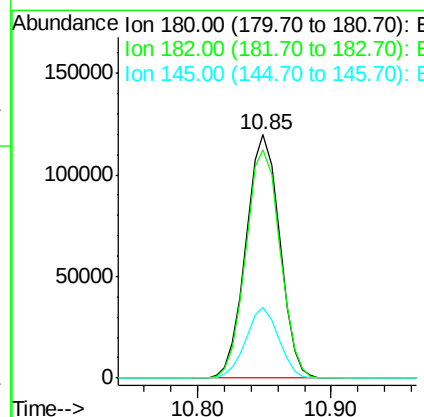
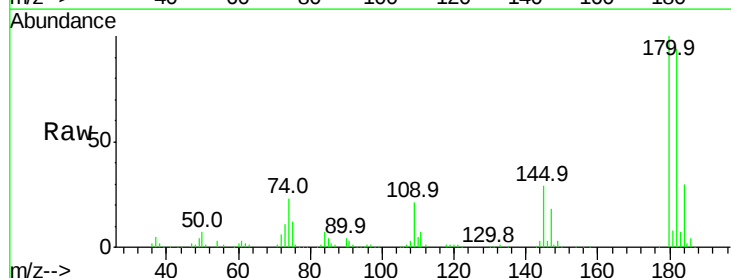
Manual Integrations
 APPROVED

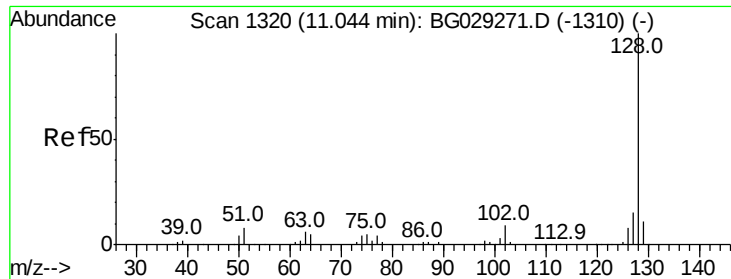
Sohil
 10/17/2017 5:04:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.768 ng
 RT: 10.85 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	77.5	116.3
145	29.3	23.4	35.2





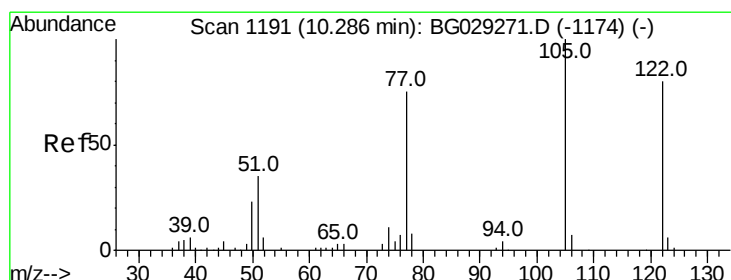
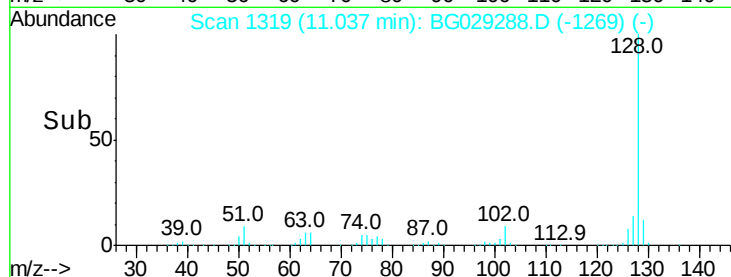
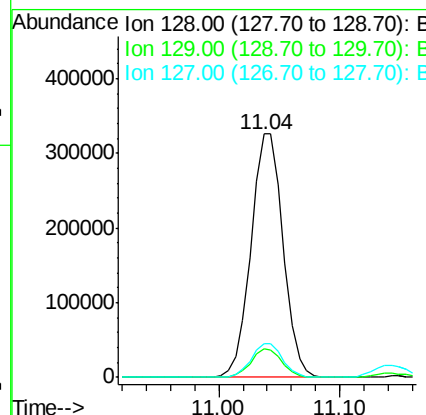
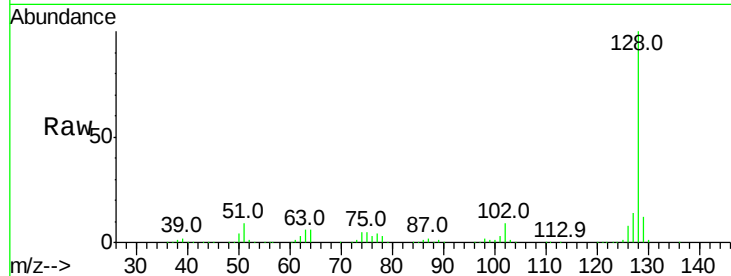
#31
Naphthalene
Concen: 38.419 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.7	11.6	17.4

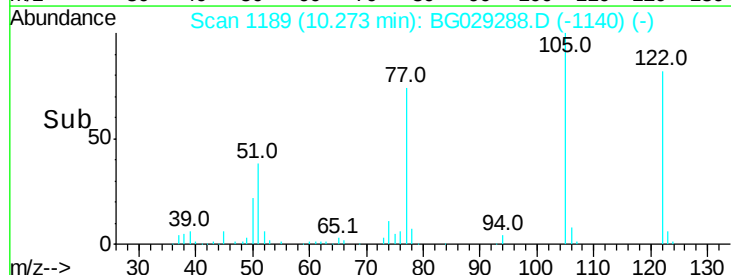
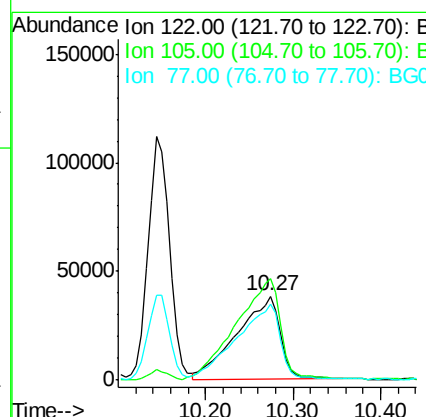
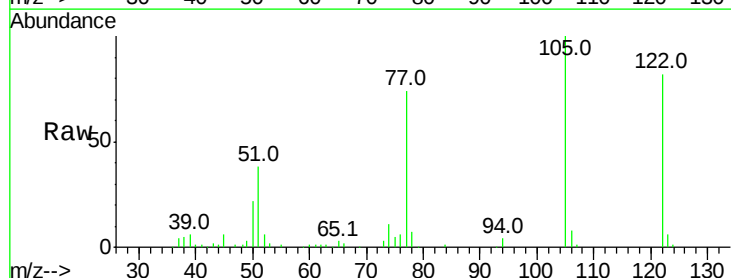
Manual Integrations
APPROVED

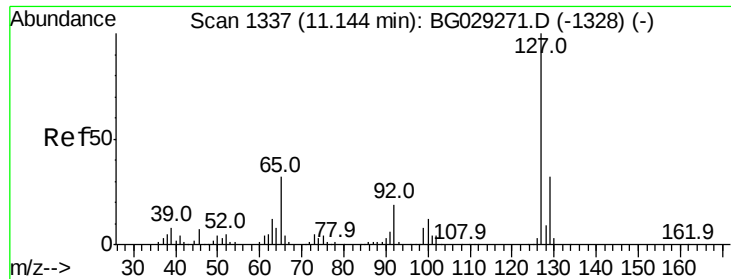
Sohil
10/17/2017 5:04:13 PM



#32
Benzoic acid
Concen: 32.184 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.7	123.5	163.5#
77	90.1	85.7	125.7





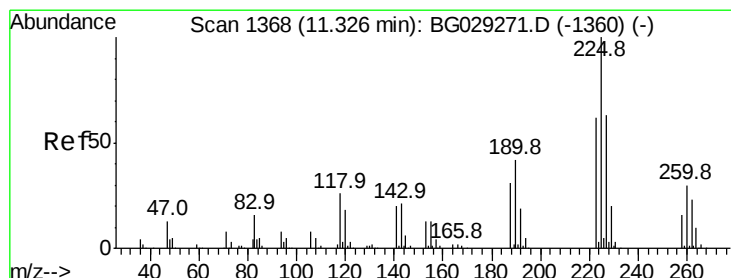
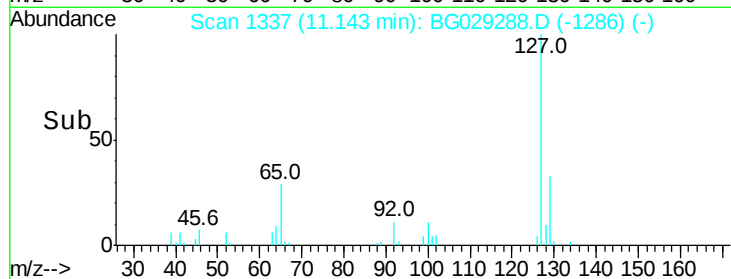
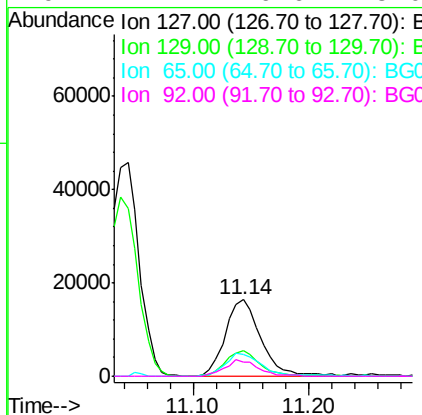
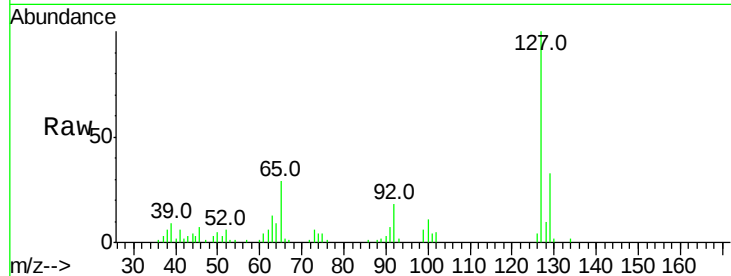
#33
4-Chloroaniline
Concen: 5.322 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	24.0	36.0		
65	28.7	27.0	40.4		
92	17.7	16.6	25.0		

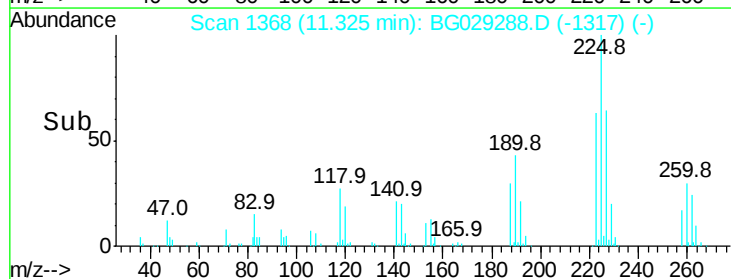
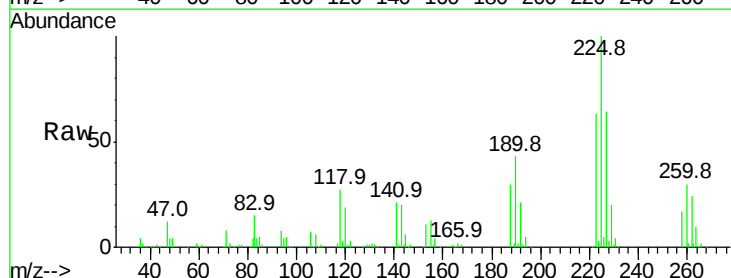
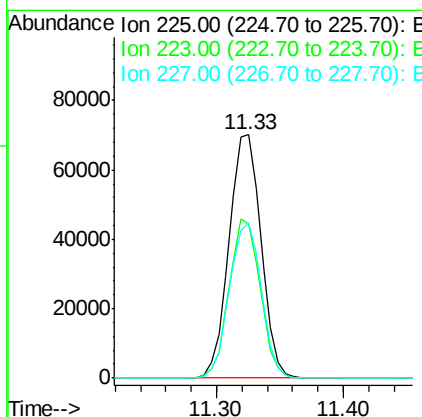
Manual Integrations
APPROVED

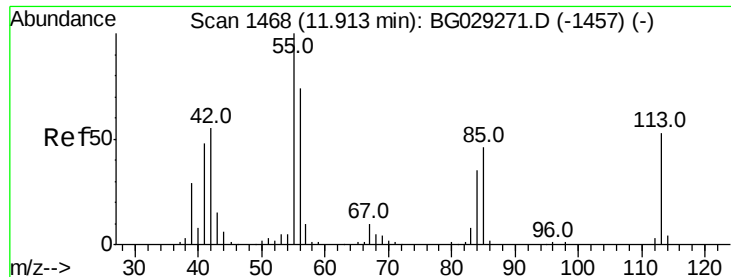
Sohil
10/17/2017 5:04:13 PM



#34
Hexachlorobutadiene
Concen: 35.501 ng
RT: 11.33 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.7	74.5		
227	63.6	48.1	72.1		





#35

Caprolactam

Concen: 32.991 ng/mL

RT: 11.91 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

ClientSampleID :

WC-101117-SOILMSD

Tot Ion:113 Resp: 56170

Ion Ratio Lower Upper

113 100

55 177.8 186.9 226.9#

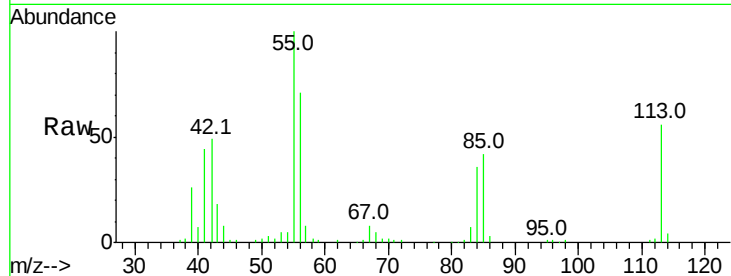
56 126.5 130.9 170.9#

Manual Integrations

APPROVED

Sohil

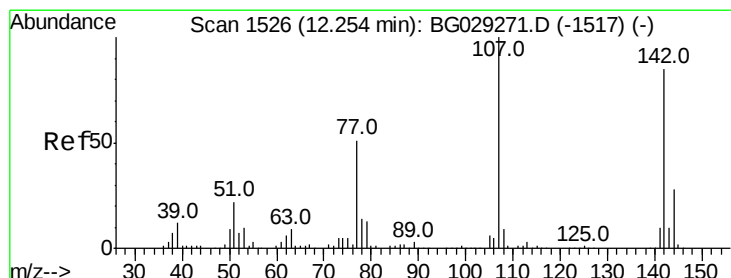
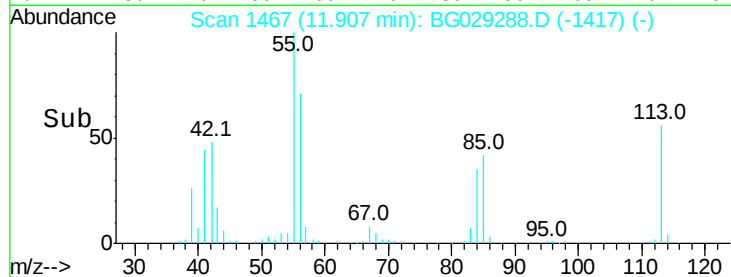
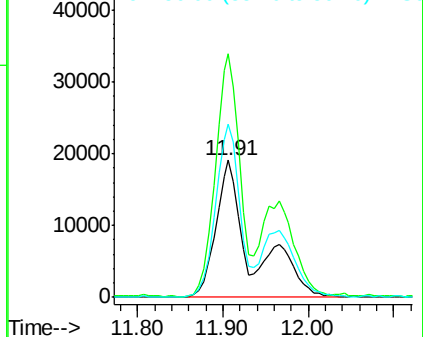
10/17/2017 5:04:13 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.177 ng/mL

RT: 12.25 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:107 Resp: 220741

Ion Ratio Lower Upper

107 100

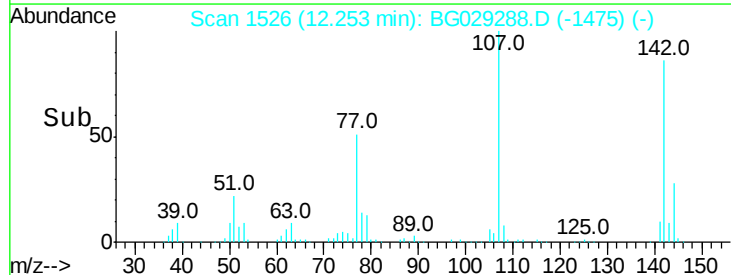
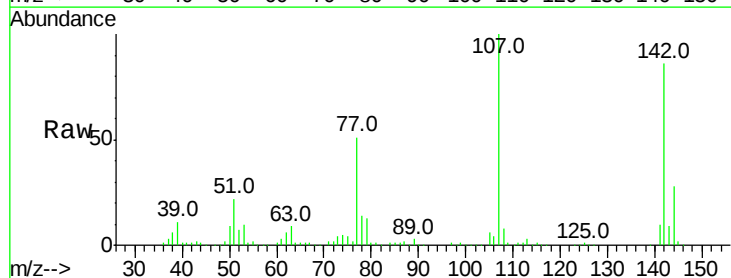
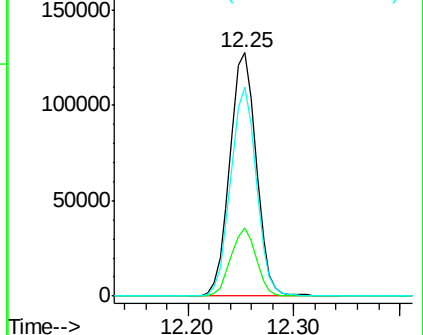
144 28.2 18.2 27.4#

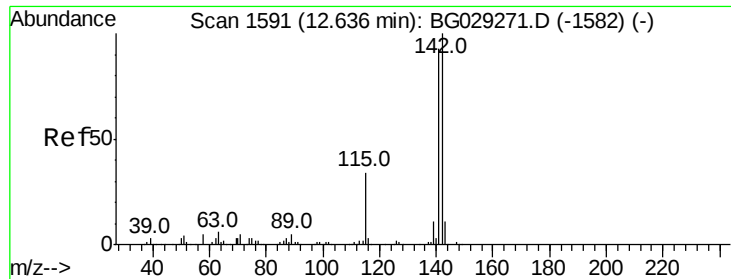
142 86.0 59.0 88.4

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.120 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

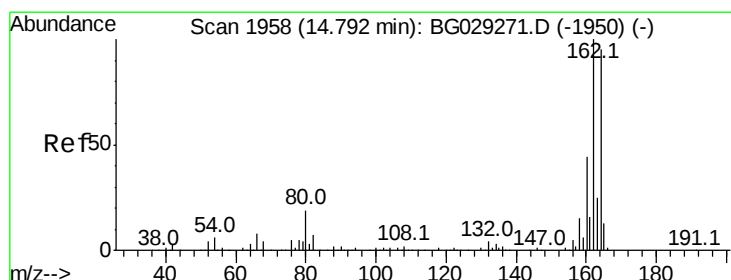
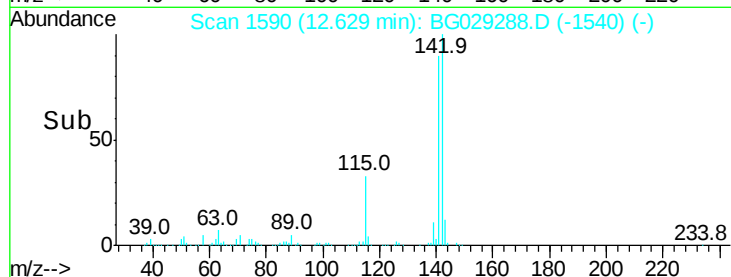
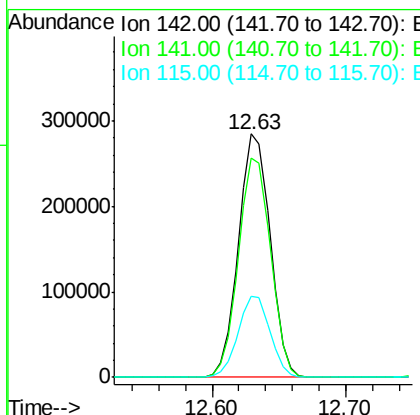
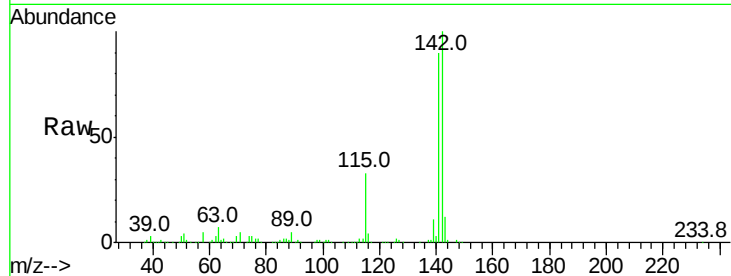
Instrument :
BNA_G

ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.1	100.7
115	33.4	30.7	46.1

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

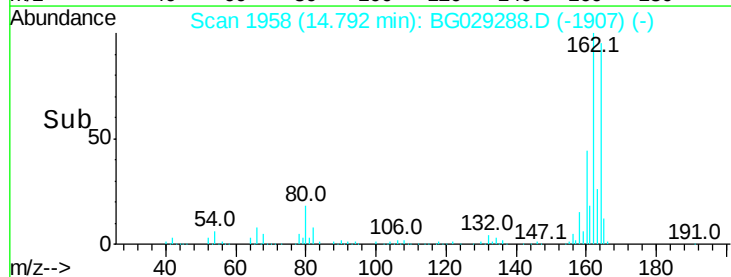
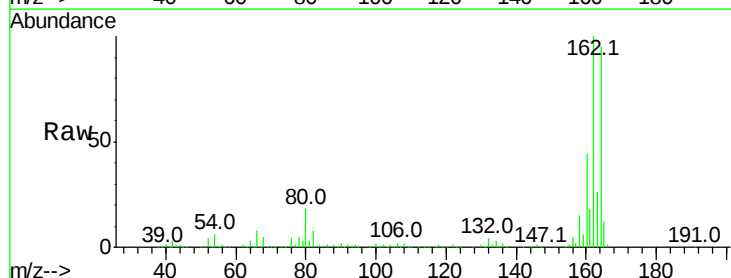
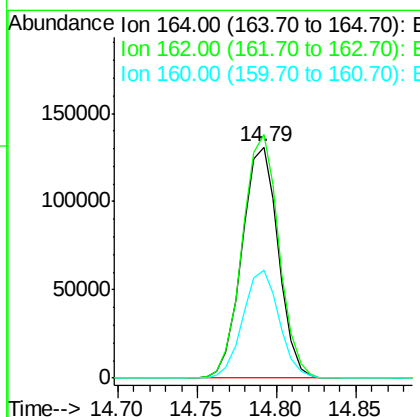
RT: 14.79 min Scan# 1958

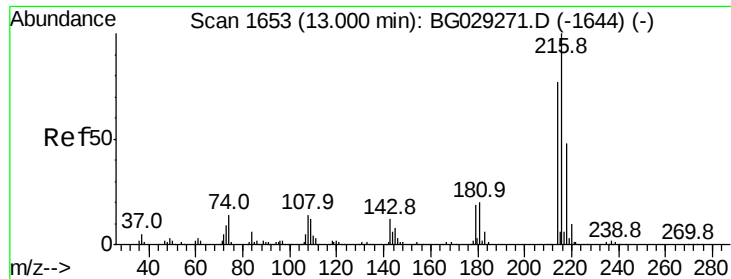
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	46.6	35.4	53.0





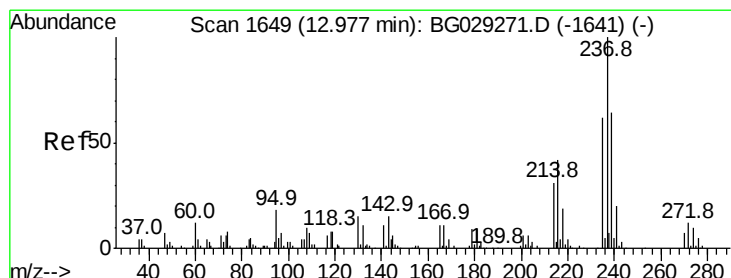
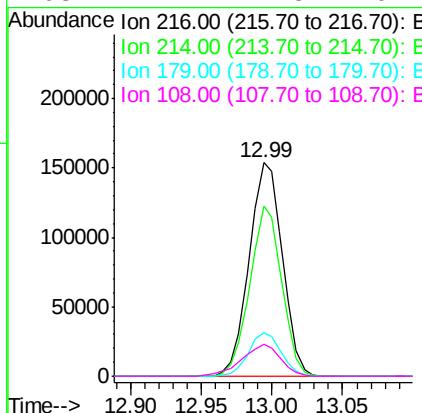
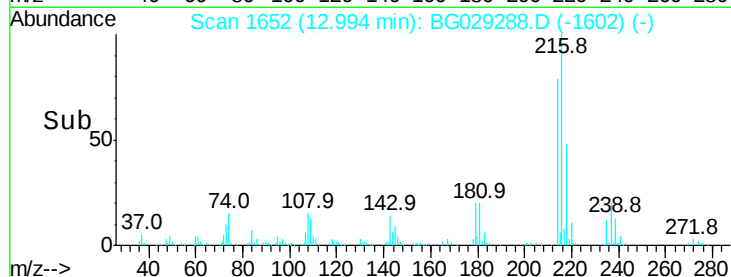
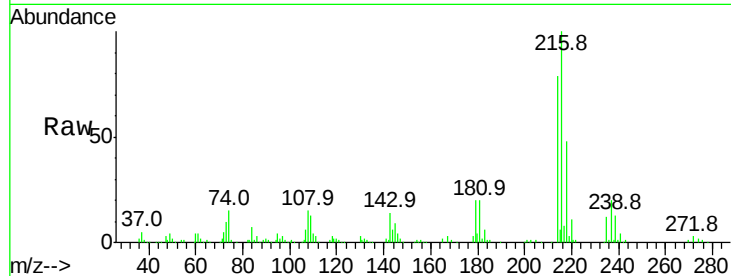
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.444 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.5	63.0	94.4
179	20.0	17.0	25.6
108	17.4	12.8	19.2

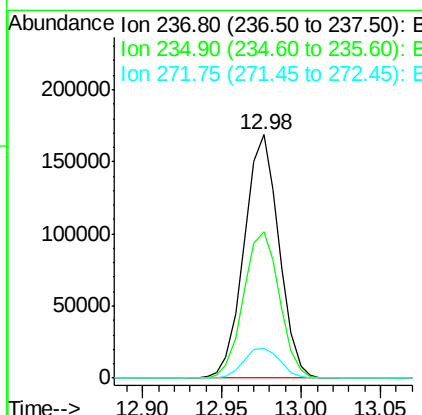
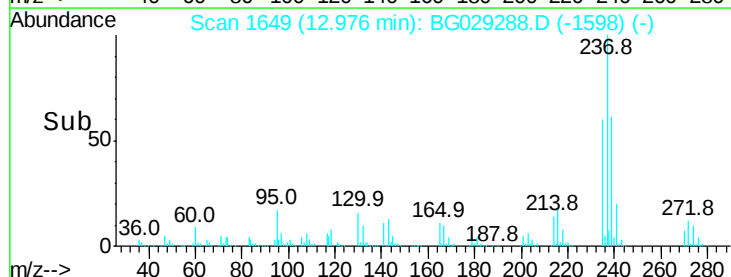
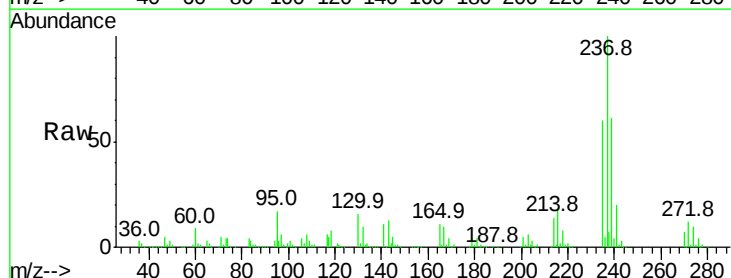
Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:04:13 PM



#40
 Hexachlorocyclopentadiene
 Concen: 88.678 ng
 RT: 12.98 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.1	50.4	90.4
272	12.5	0.0	31.8





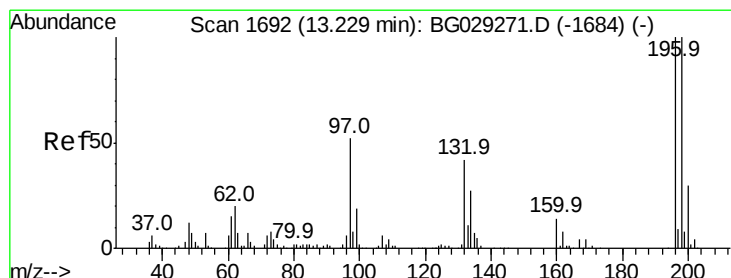
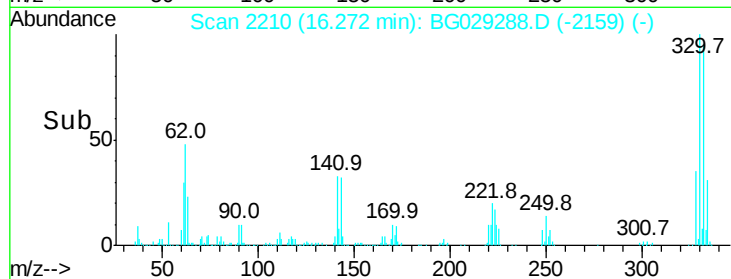
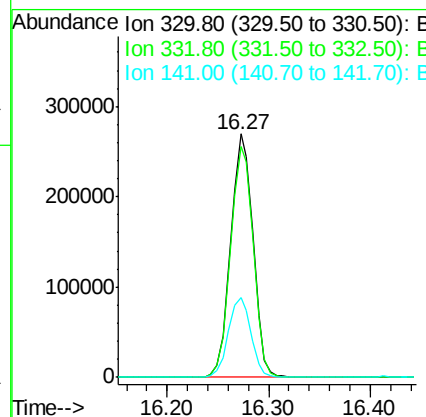
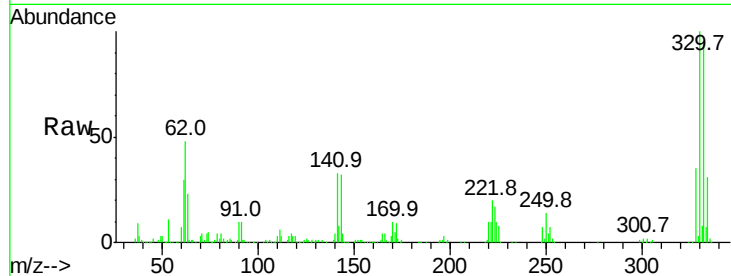
#41
 2,4,6-Tribromophenol
 Concen: 153.138 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	33.4	25.2	37.8	

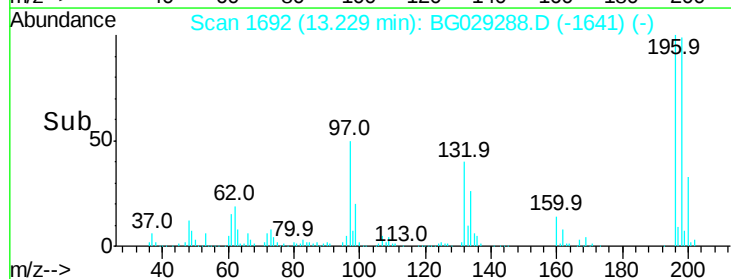
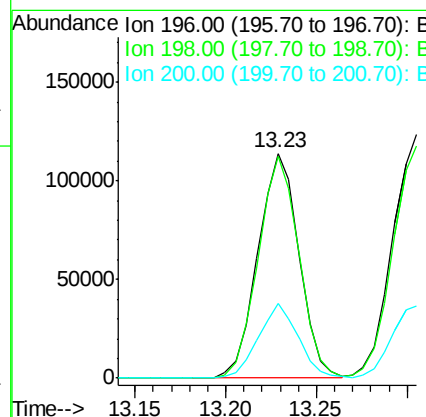
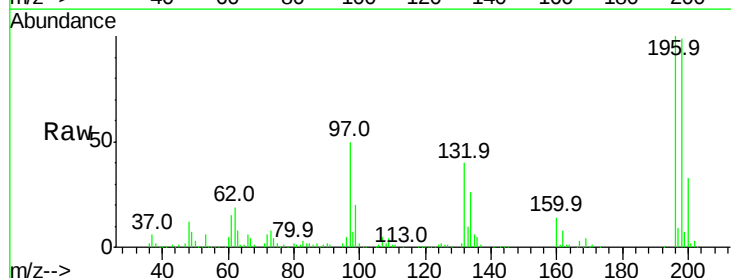
Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:04:13 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.454 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.7	78.2	117.2	
200	33.0	24.6	36.8	





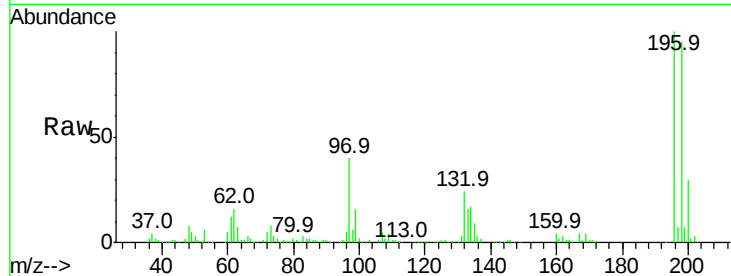
#43
 2,4,5-Trichlorophenol
 Concen: 41.193 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201753		
198	95.2	76.2	114.4	
97	40.1	38.7	58.1	
132	23.9	20.2	30.2	

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:04:13 PM



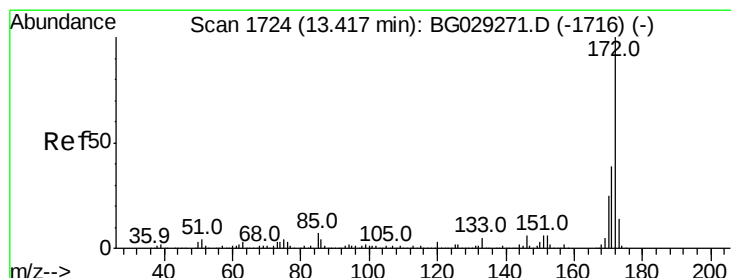
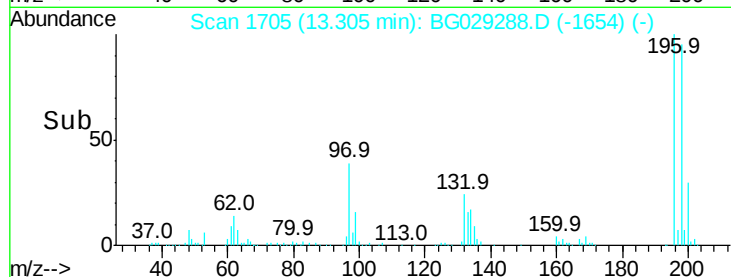
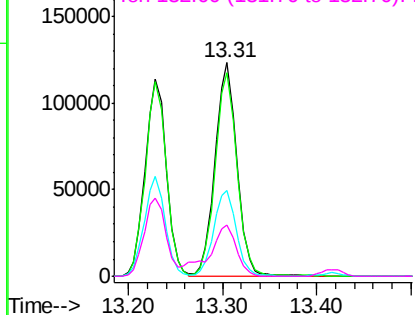
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.745 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

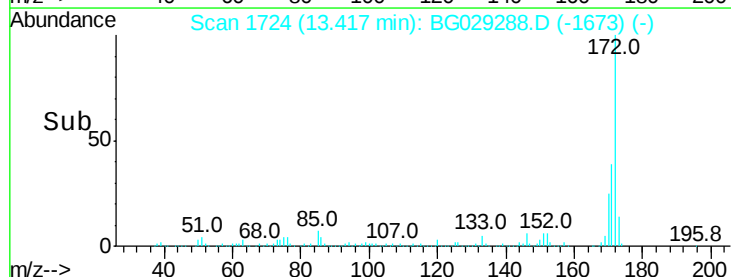
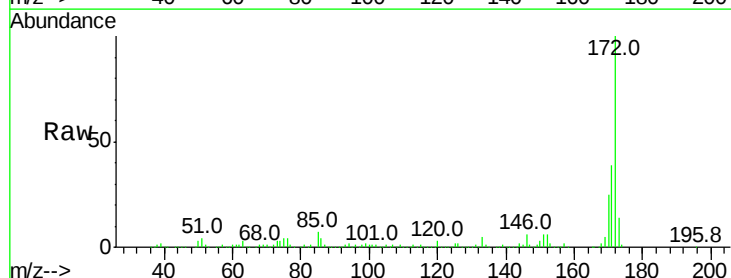
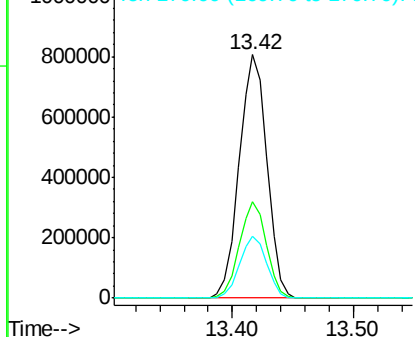
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1287448		
171	39.5	30.0	45.0	
170	25.2	19.5	29.3	

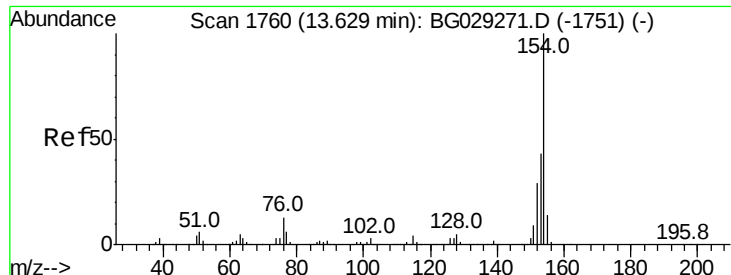
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





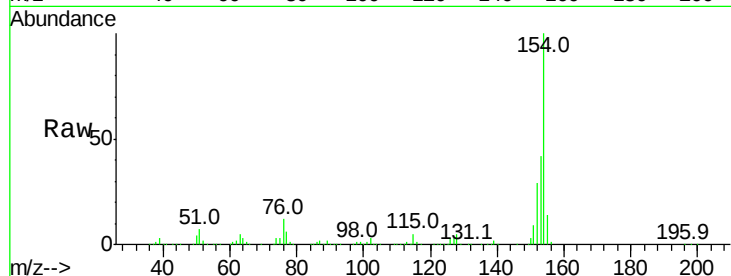
#45
1,1'-Biphenyl
Concen: 35.305 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

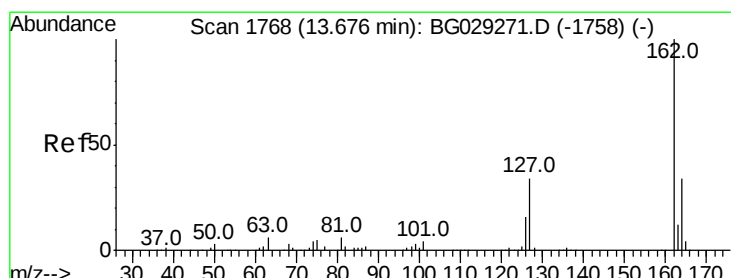
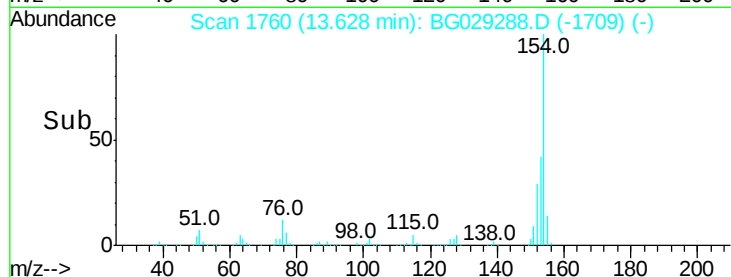
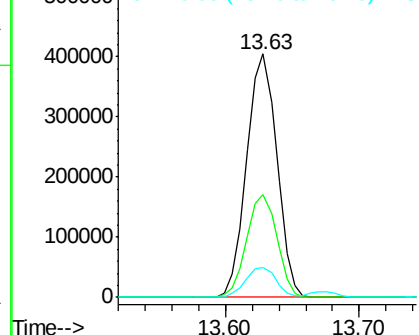
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.3	19.8	59.8	
76	12.4	0.0	31.9	

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM

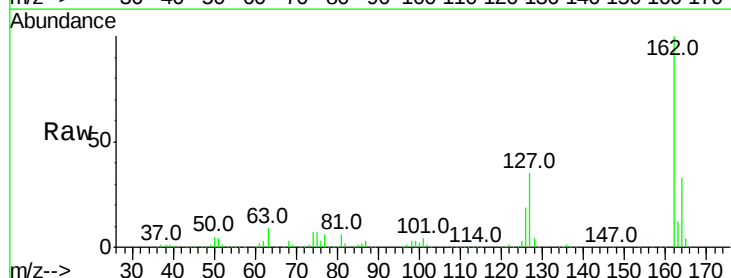


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

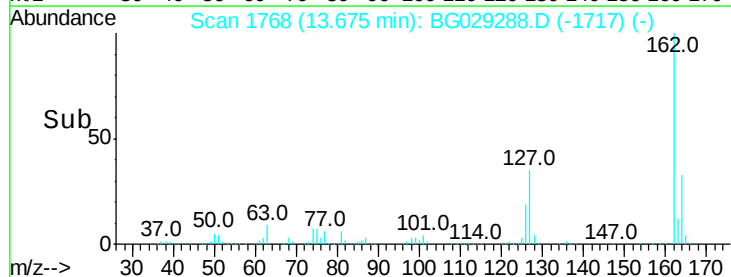
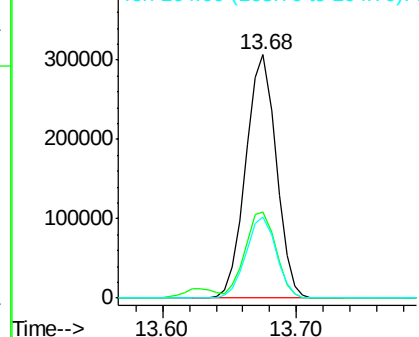


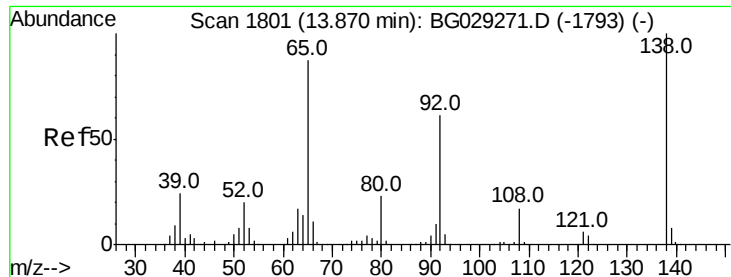
#46
2-Chloronaphthalene
Concen: 36.981 ng
RT: 13.68 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.4	30.7	46.1	
164	33.3	26.0	39.0	



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





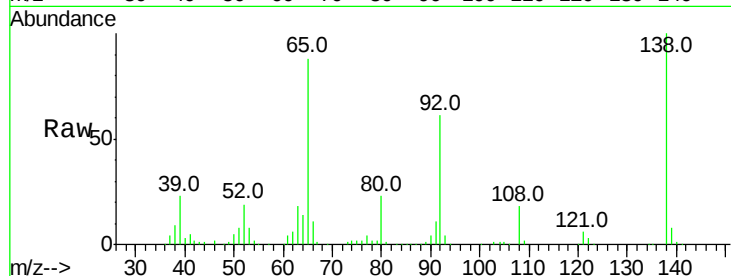
#47
2-Nitroaniline
Concen: 42.789 ng
RT: 13.87 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

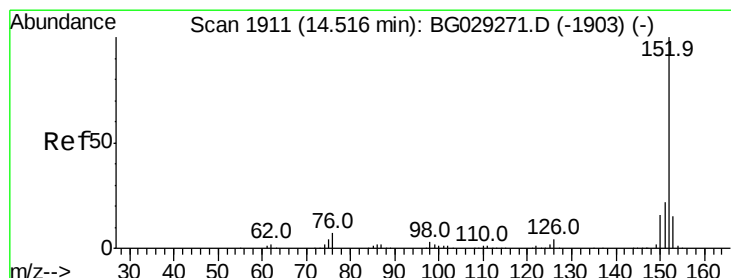
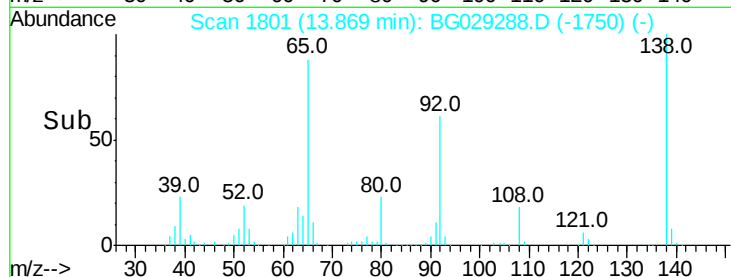
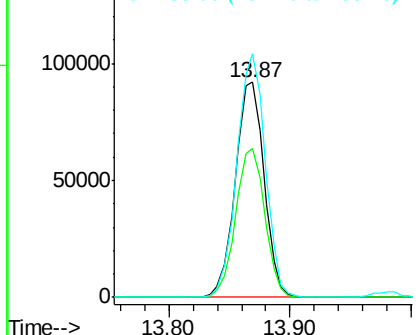
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	82.0
138	113.3	72.9	109.3

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM

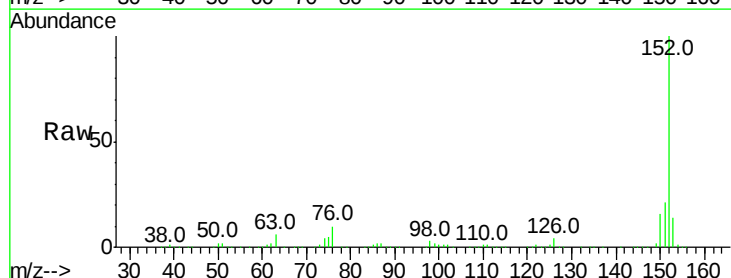


Abundance Ion 65.00 (64.70 to 65.70): BG029271.D (-1793) (-)
Ion 92.00 (91.70 to 92.70): BG029271.D (-1793) (-)
Ion 138.00 (137.70 to 138.70): BG029271.D (-1793) (-)

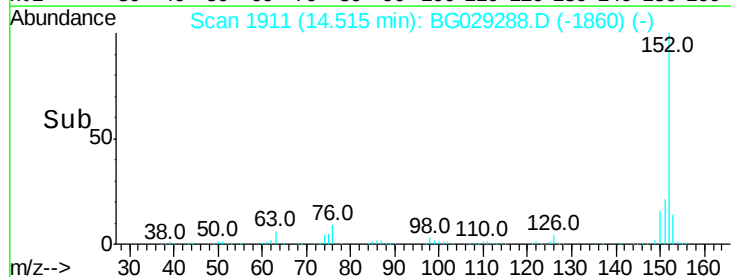
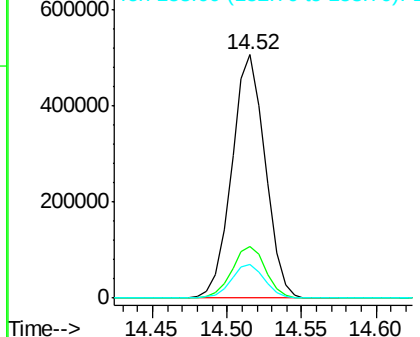


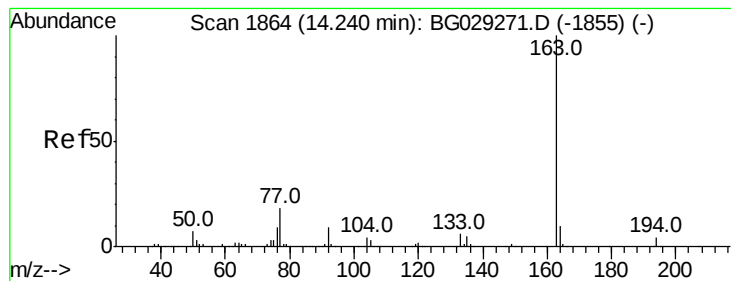
#48
Acenaphthylene
Concen: 38.601 ng
RT: 14.52 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.8	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): BG029271.D (-1903) (-)
Ion 151.00 (150.70 to 151.70): BG029271.D (-1903) (-)
Ion 153.00 (152.70 to 153.70): BG029271.D (-1903) (-)





#49

Dimethylphthalate

Concen: 39.380 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

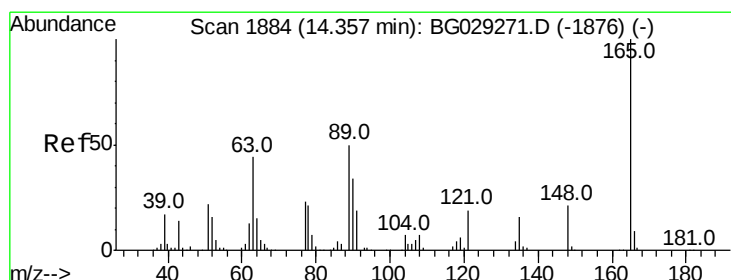
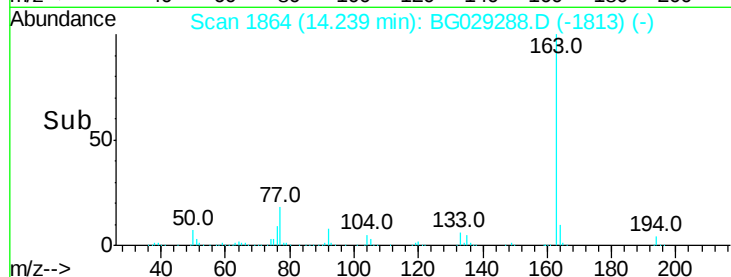
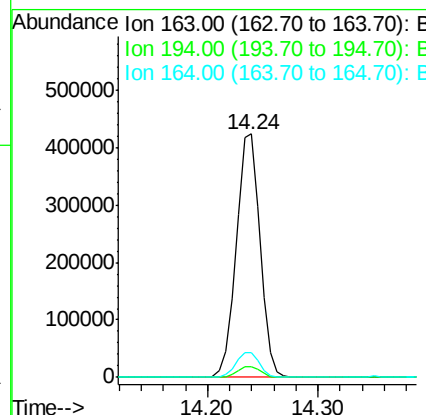
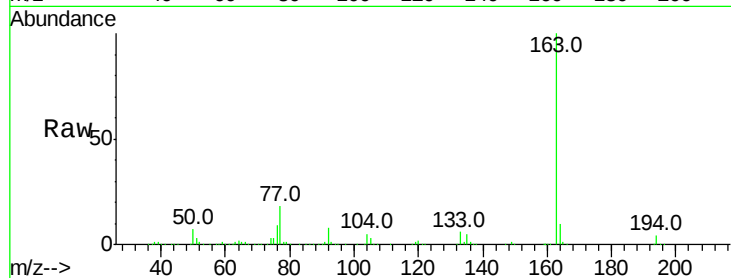
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	163	Resp:	639342
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.4	8.2	12.4

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#50

2,6-Dinitrotoluene

Concen: 42.668 ng

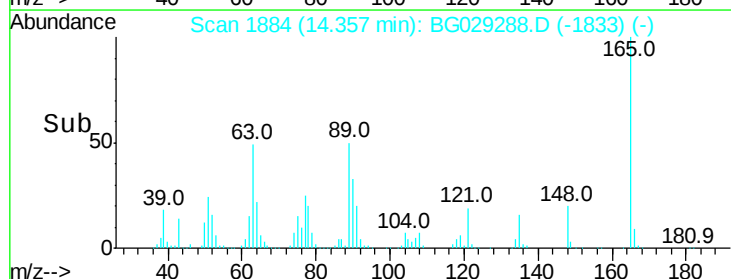
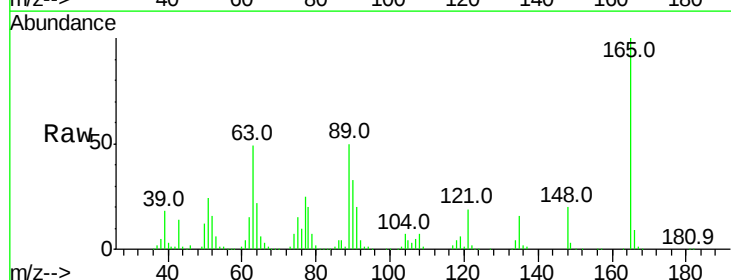
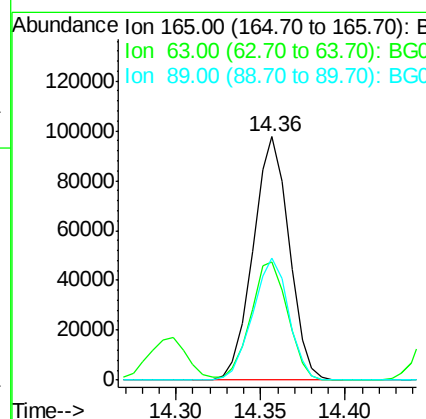
RT: 14.36 min Scan# 1884

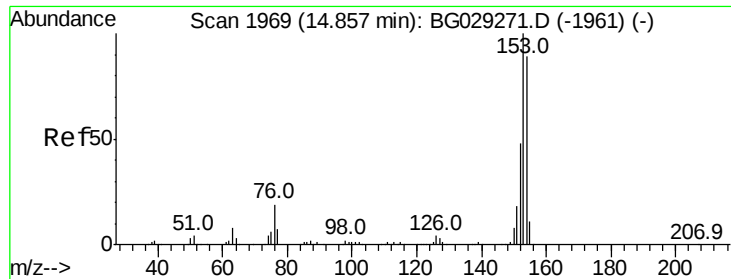
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	165	Resp:	145215
Ion Ratio	Lower	Upper	
165	100		
63	48.5	52.7	79.1#
89	49.9	49.2	73.8





#51

Acenaphthene

Concen: 37.185 ng

RT: 14.86 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

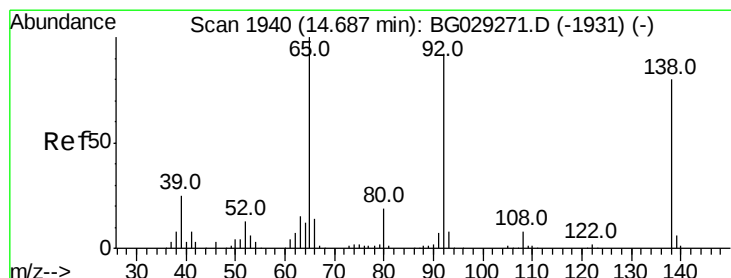
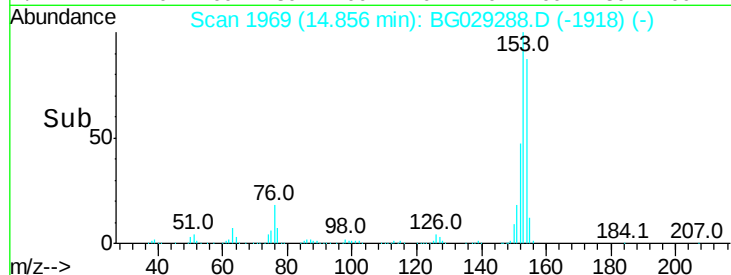
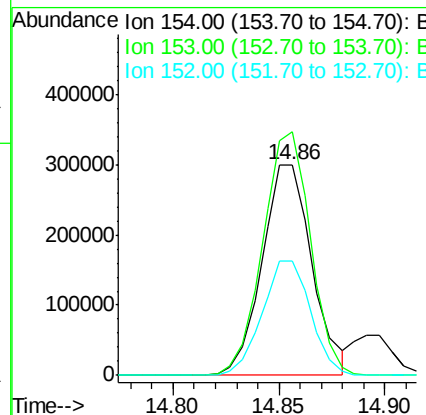
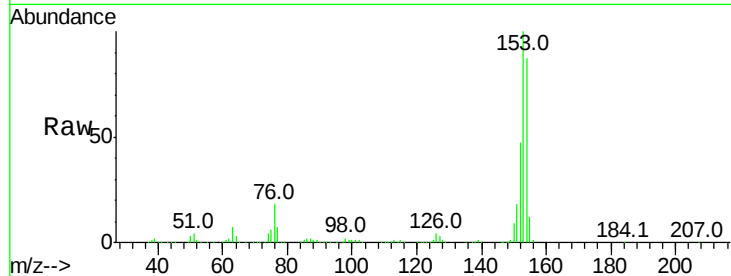
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	154	Resp:	493978
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.4	135.6
152	54.1	41.6	62.4

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#52

3-Nitroaniline

Concen: 22.786 ng

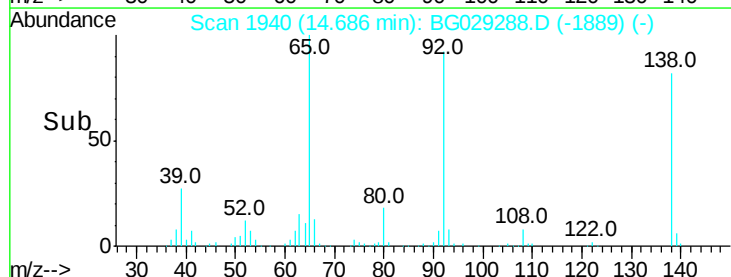
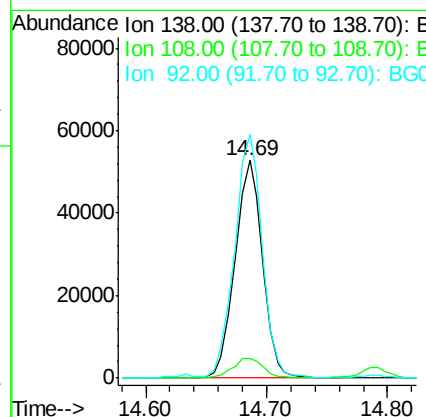
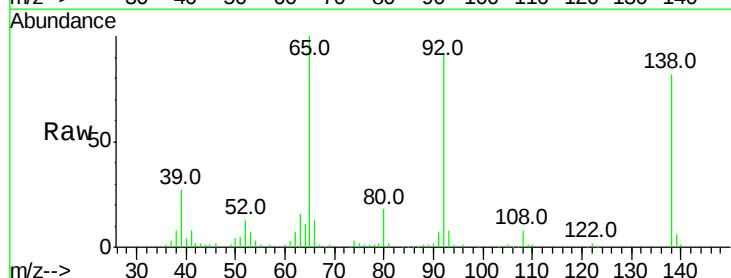
RT: 14.69 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	138	Resp:	83681
Ion Ratio	Lower	Upper	
138	100		
108	9.3	17.5	26.3#
92	112.0	105.8	158.8





#53

2,4-Dinitrophenol

Concen: 86.683 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMSD

Tot Ion:184 Resp: 163587

Ion Ratio Lower Upper

184 100

63 55.9 59.8 89.8#

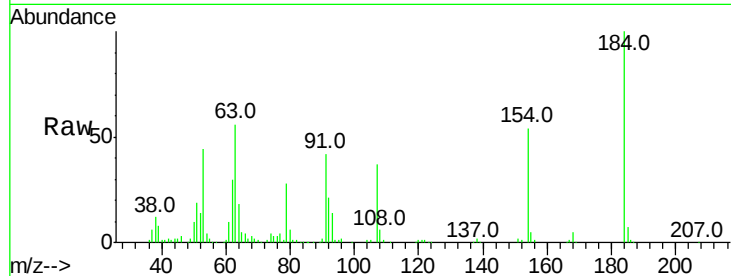
154 54.5 101.8 152.8#

Manual Integrations

APPROVED

Sohil

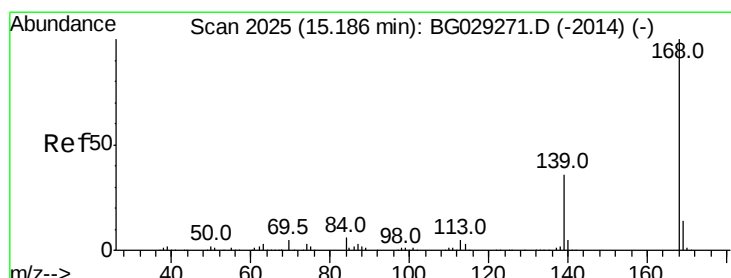
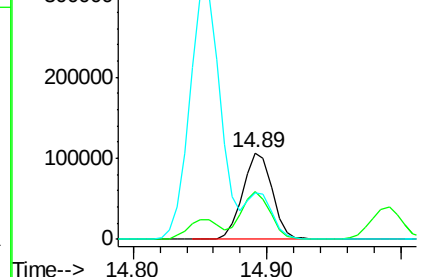
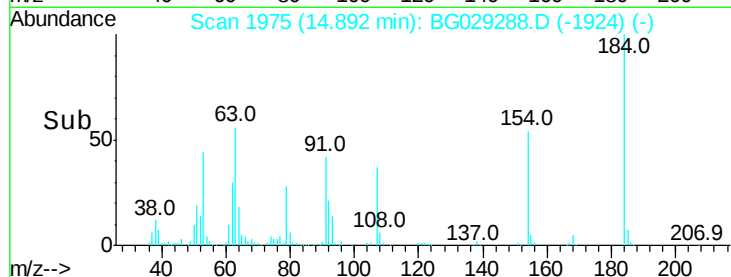
10/17/2017 5:04:13 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.184 ng

RT: 15.19 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

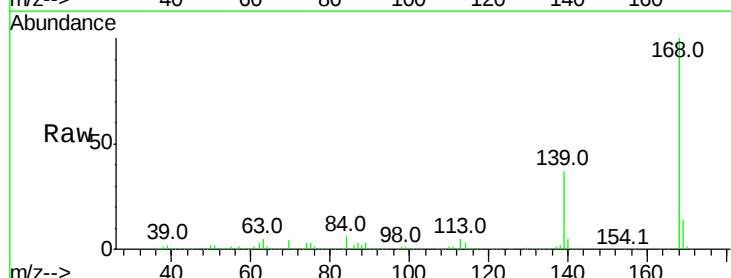
Tgt Ion:168 Resp: 781025

Ion Ratio Lower Upper

168 100

139 36.9 28.6 43.0

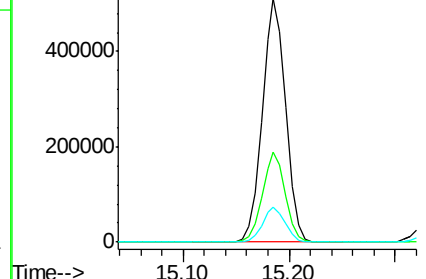
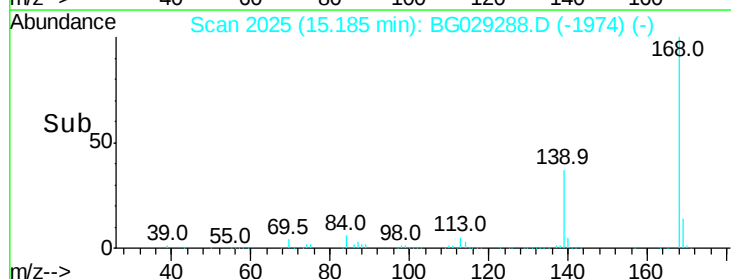
169 14.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





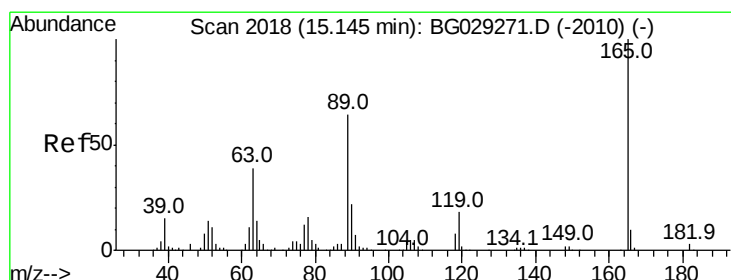
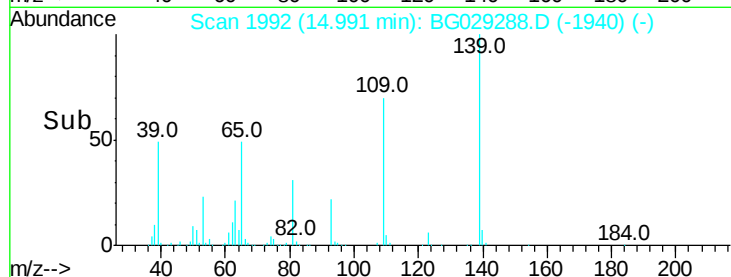
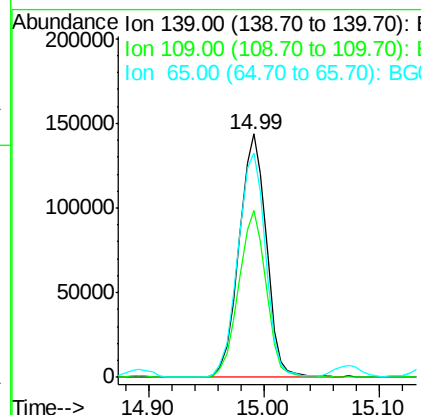
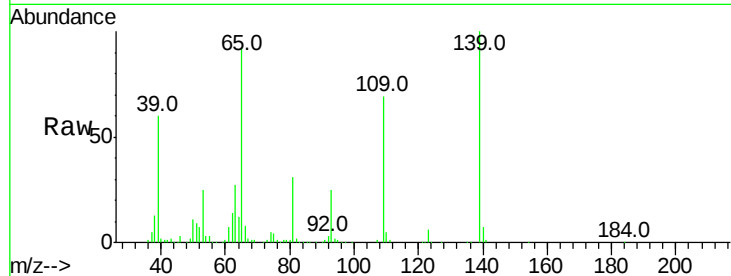
#55
4-Nitrophenol
Concen: 77.822 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.6	62.2	102.2	
65	92.3	97.2	137.2#	

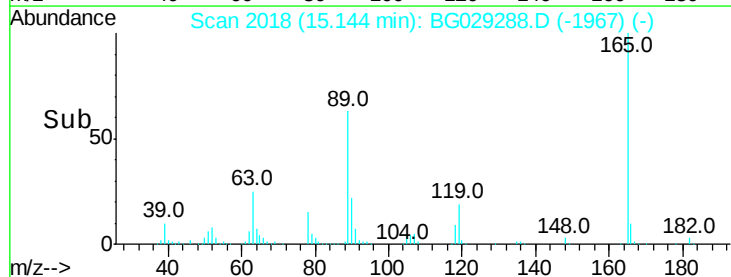
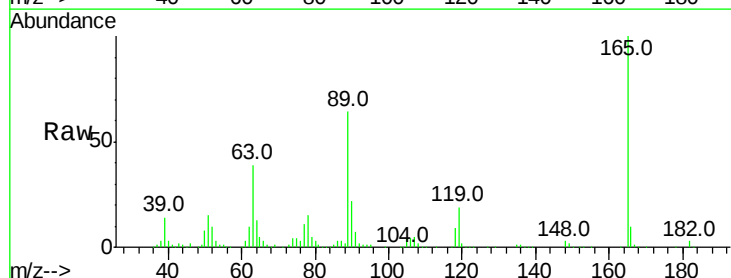
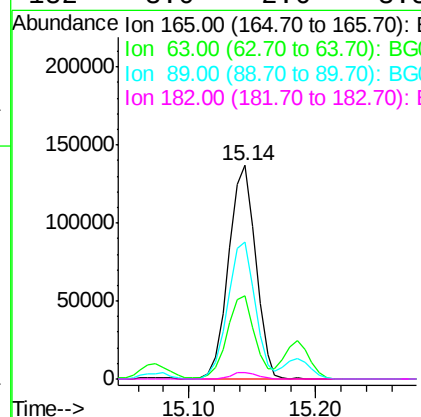
Manual Integrations
APPROVED

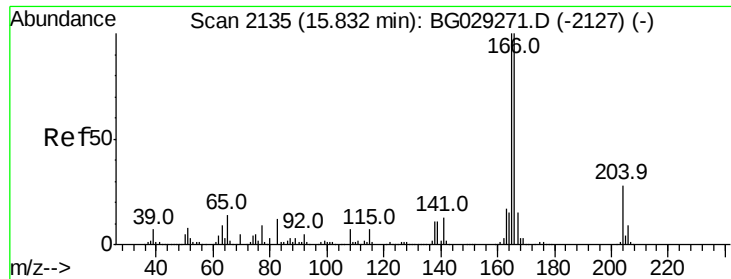
Sohil
10/17/2017 5:04:13 PM



#56
2,4-Dinitrotoluene
Concen: 43.828 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.7	42.0	63.0#	
89	64.3	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 39.809 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMSD

Tot Ion:166 Resp: 623653

Ion Ratio Lower Upper

166 100

165 99.1 80.6 121.0

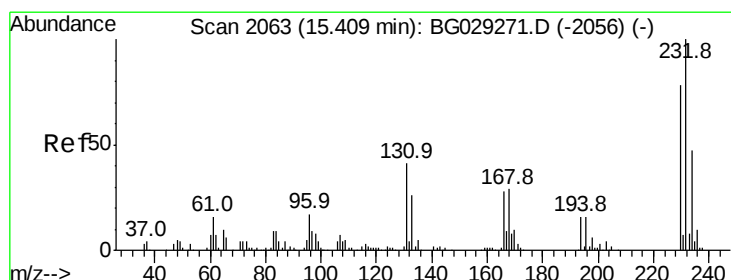
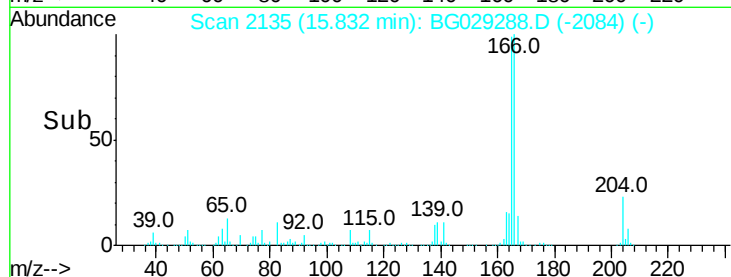
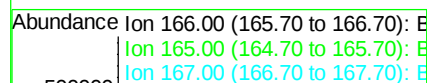
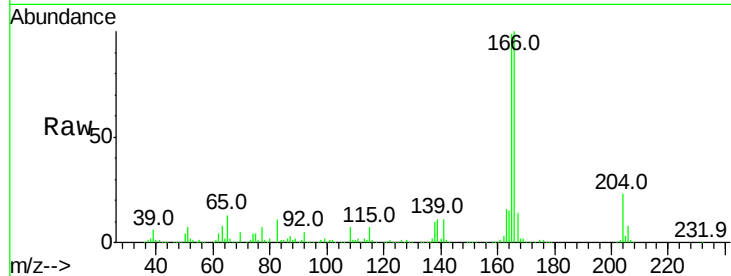
167 14.0 10.4 15.6

Manual Integrations

APPROVED

Sohil

10/17/2017 5:04:13 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.111 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:232 Resp: 188421

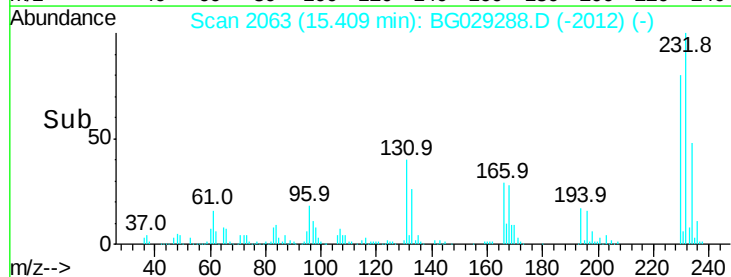
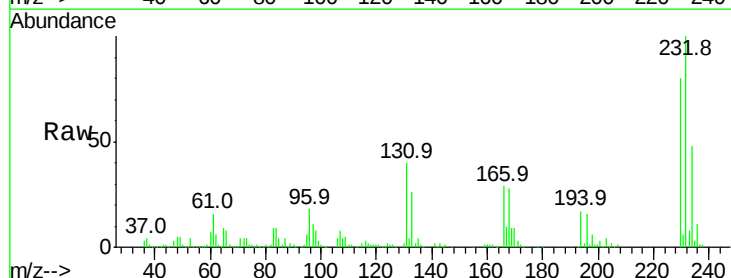
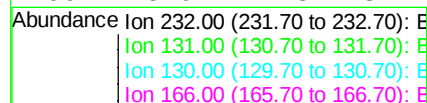
Ion Ratio Lower Upper

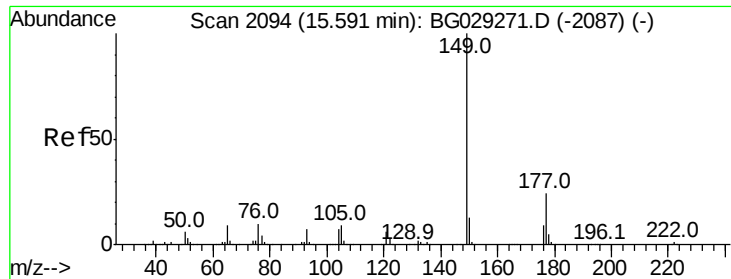
232 100

131 39.3 33.5 50.3

130 2.3 2.2 3.2

166 28.9 24.8 37.2





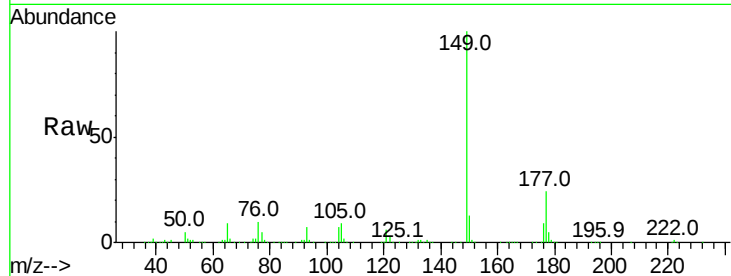
#59
Diethylphthalate
Concen: 40.472 ng
RT: 15.59 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	13.1	10.2	15.2

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM

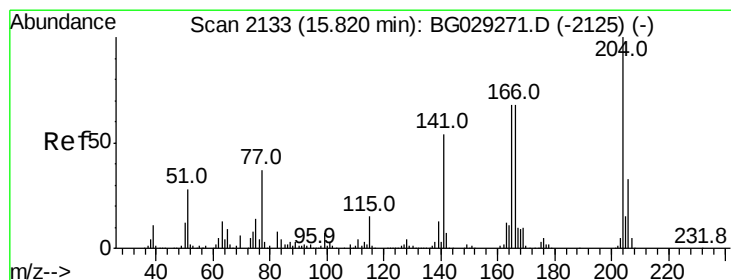
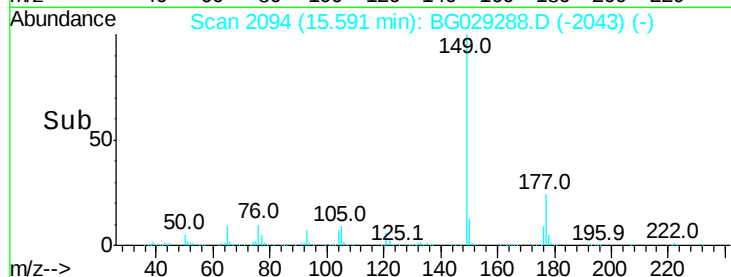
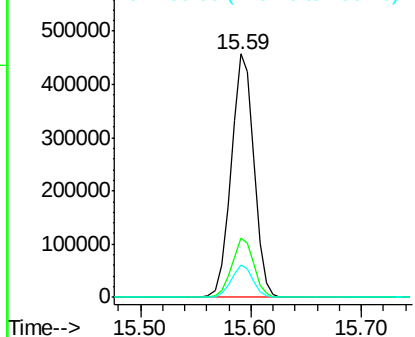


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 40.304 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

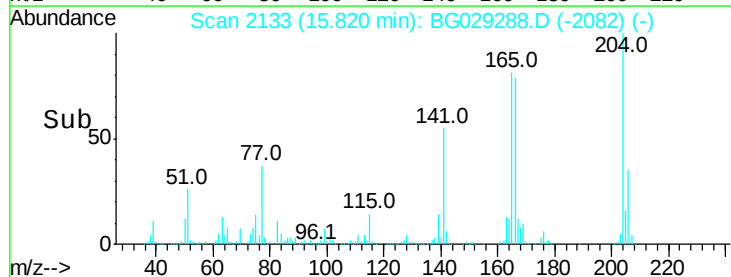
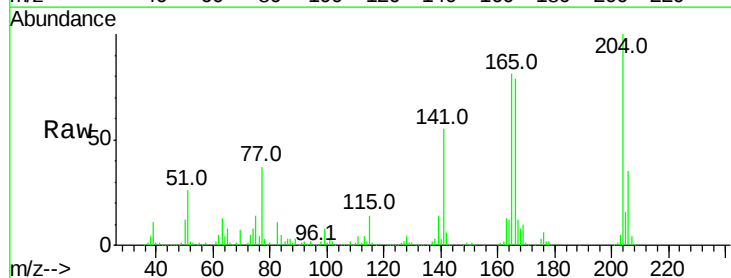
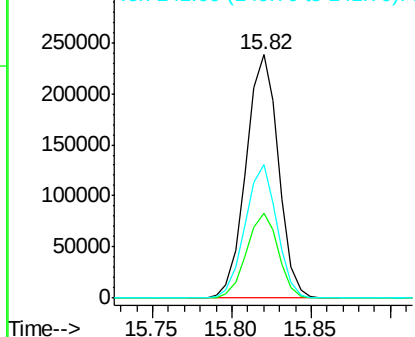
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.2
141	54.8	45.8	68.6

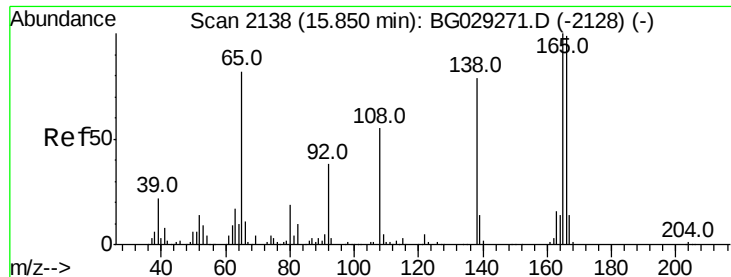
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





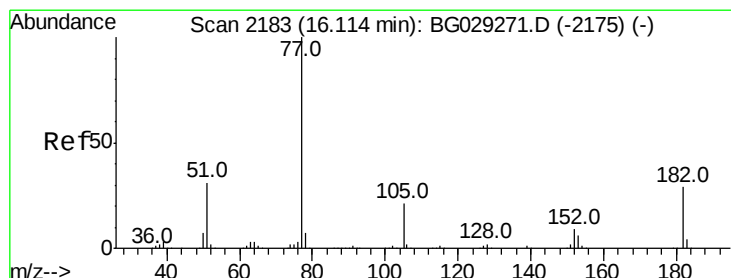
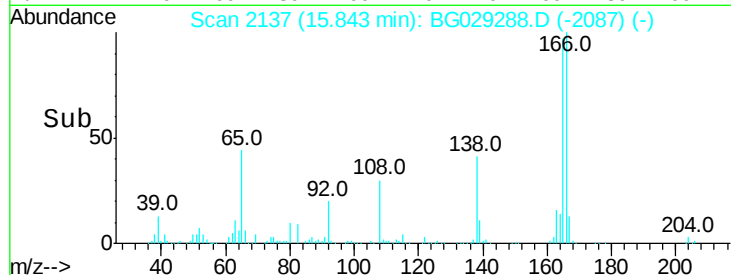
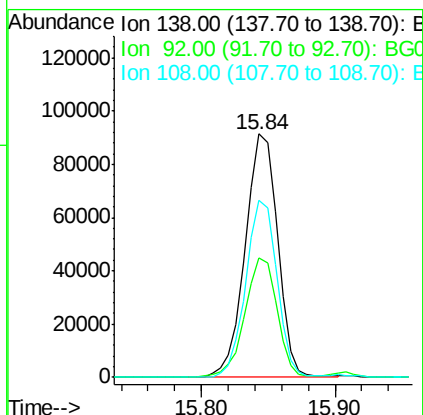
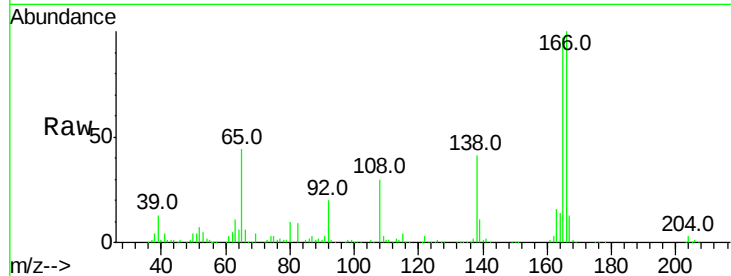
#61
4-Nitroaniline
Concen: 40.662 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	40.1	80.1
108	72.6	65.4	105.4

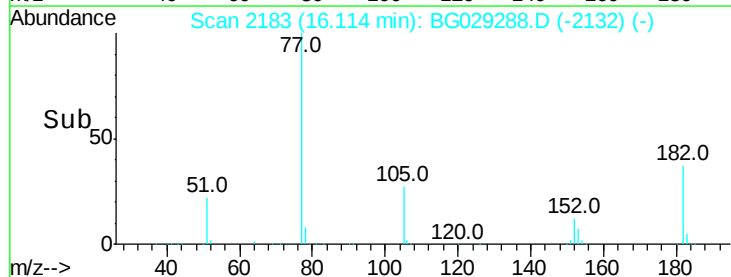
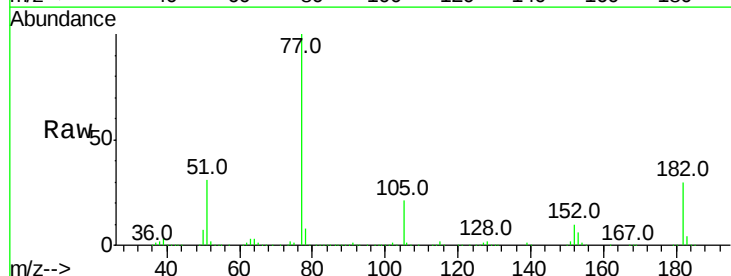
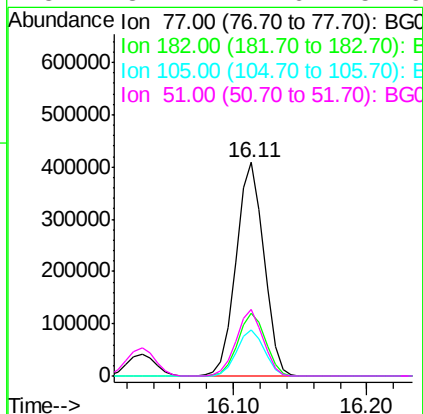
Manual Integrations
APPROVED

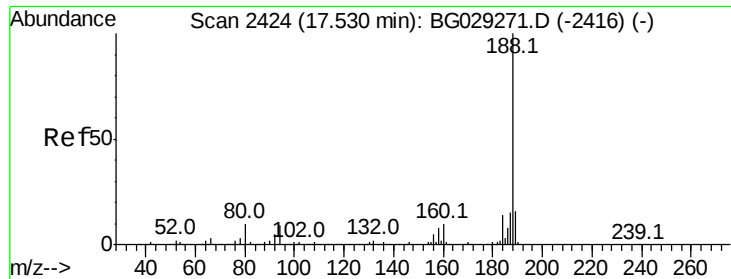
Sohil
10/17/2017 5:04:13 PM



#62
Azobenzene
Concen: 43.179 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.4	47.4
105	21.5	0.3	40.3
51	31.1	11.6	51.6





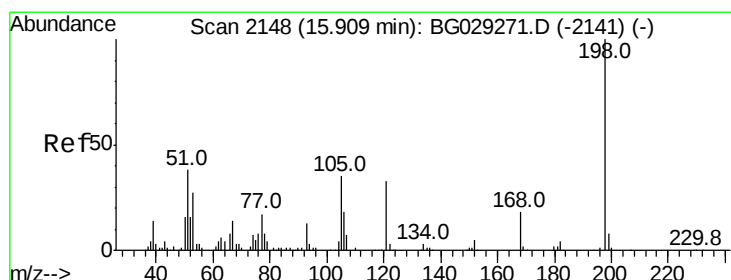
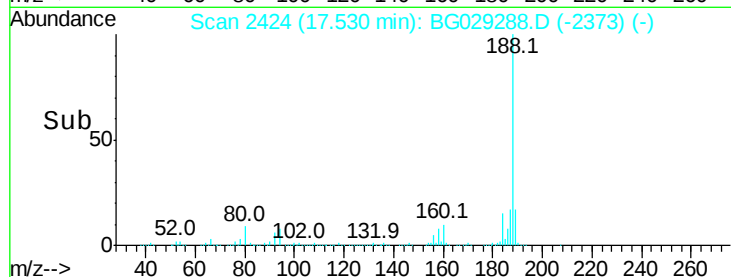
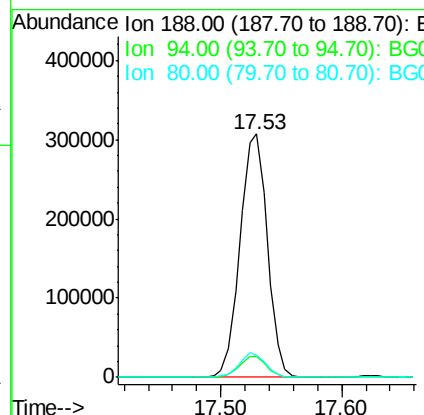
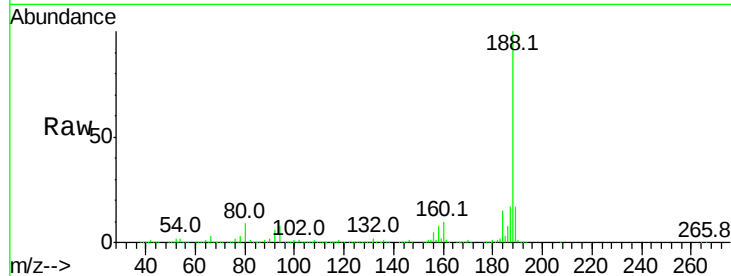
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.5	6.9	10.3	
80	9.3	7.7	11.5	

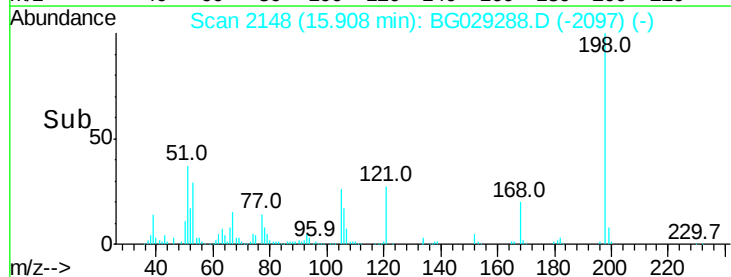
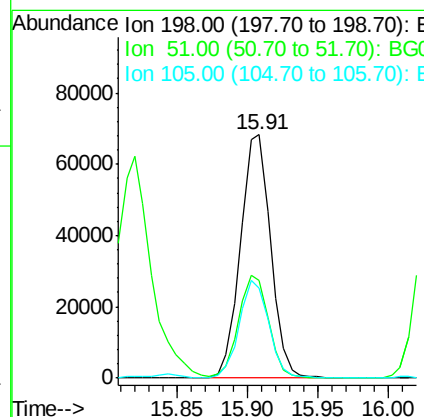
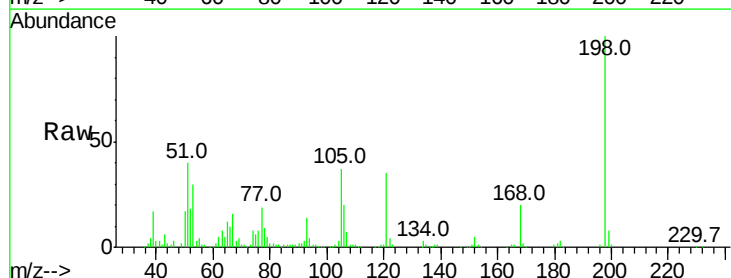
Manual Integrations
APPROVED

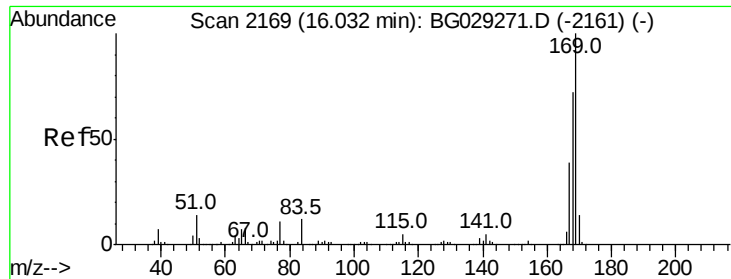
Sohil
10/17/2017 5:04:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.139 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.0	30.6	70.6	
105	37.0	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 38.983 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

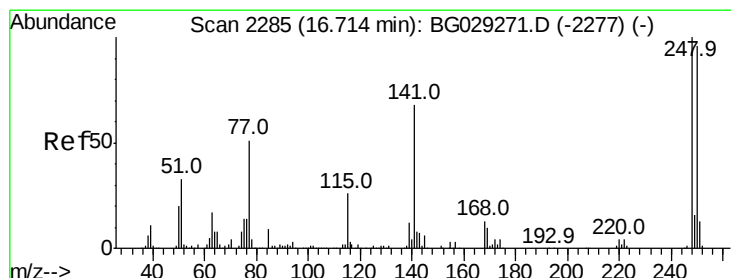
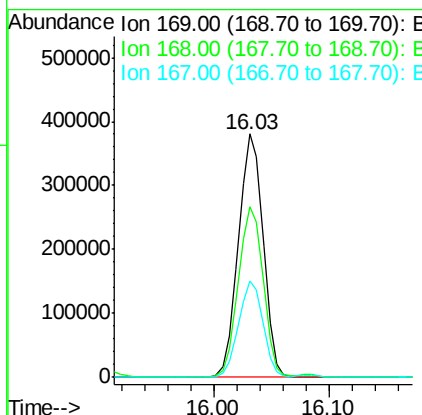
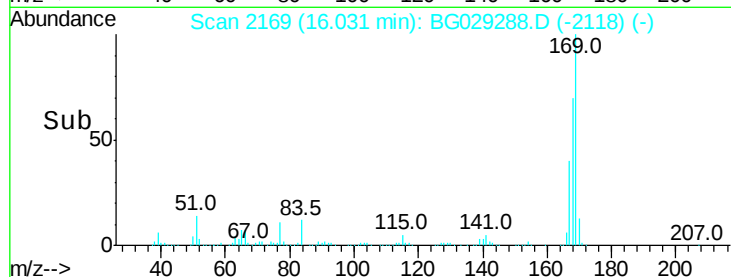
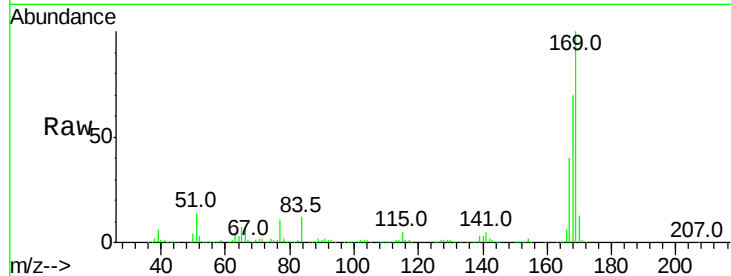
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	169	Resp:	565814
Ion Ratio	Lower	Upper	
169	100		
168	70.2	55.7	83.5
167	39.7	30.1	45.1

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#66

4-Bromophenyl-phenylether

Concen: 40.040 ng

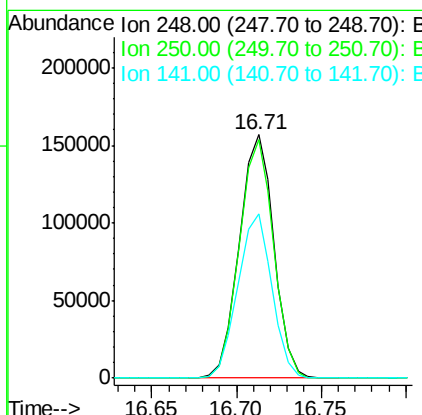
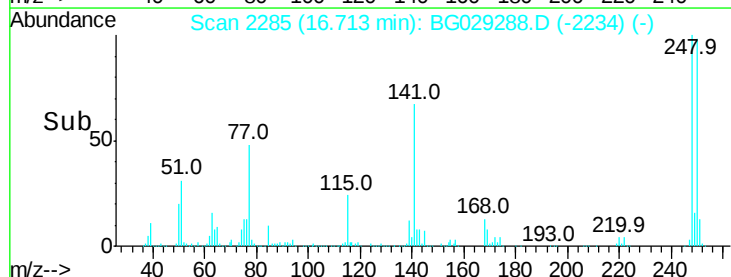
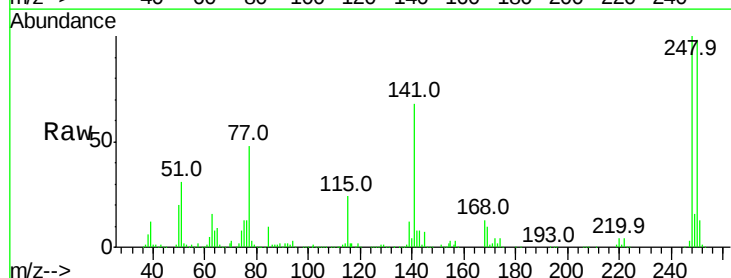
RT: 16.71 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	248	Resp:	222611
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.1	115.7
141	67.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 37.569 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

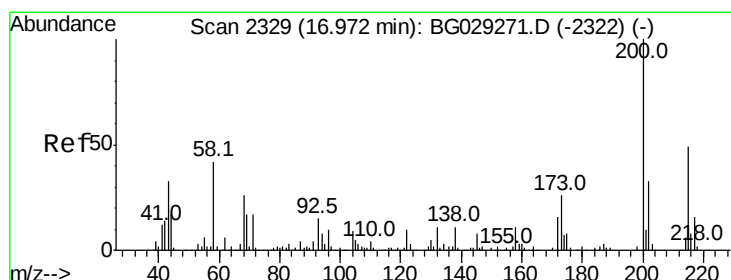
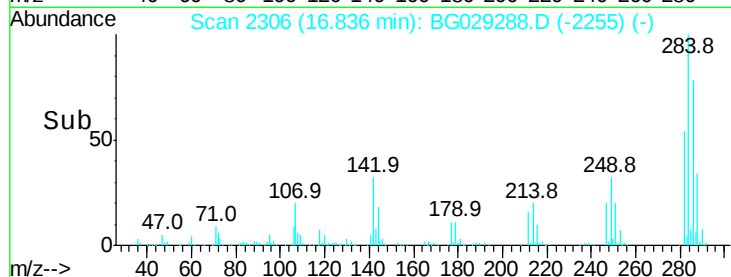
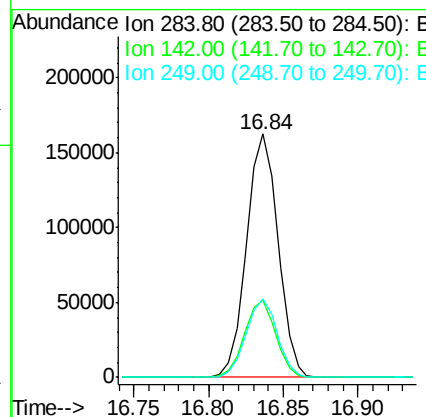
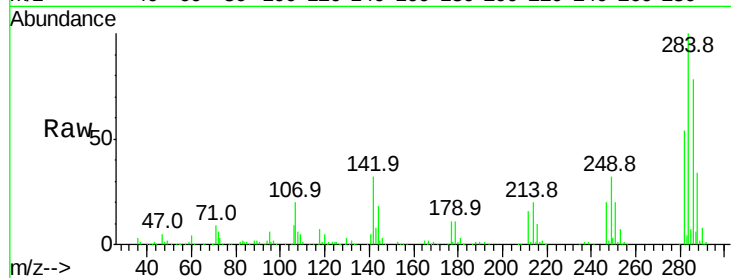
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	284	Resp:	236599
Ion Ratio	Lower	Upper	
284	100		
142	31.8	26.8	40.2
249	32.1	26.3	39.5

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#68

Atrazine

Concen: 42.145 ng

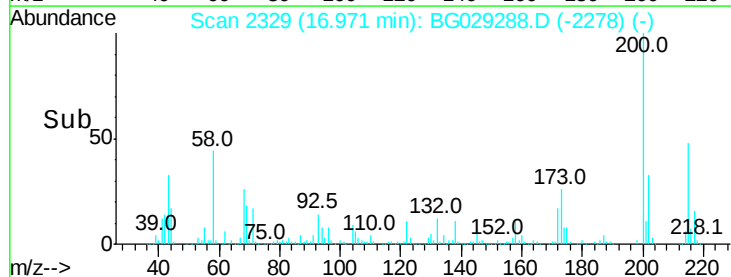
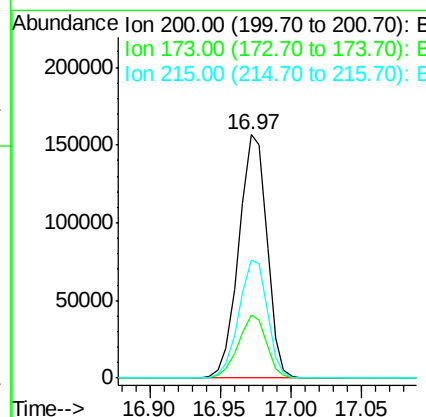
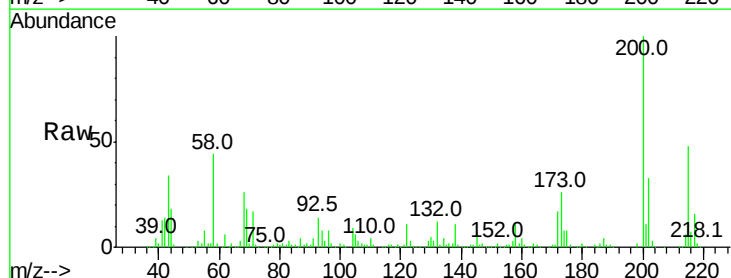
RT: 16.97 min Scan# 2329

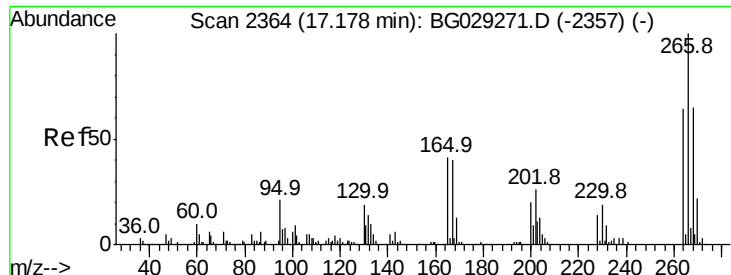
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	200	Resp:	218260
Ion Ratio	Lower	Upper	
200	100		
173	25.8	5.2	45.2
215	48.5	30.4	70.4





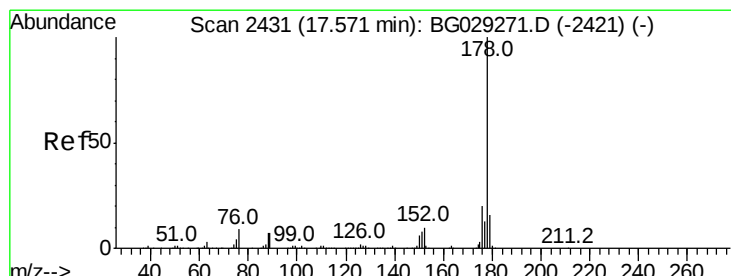
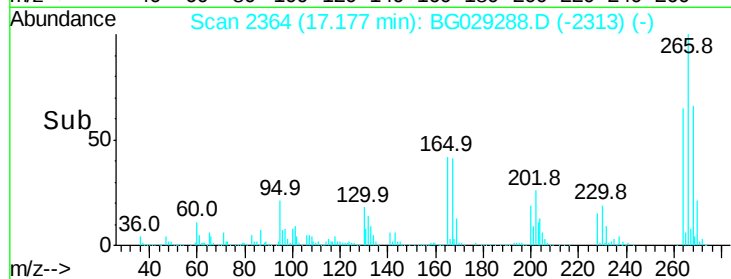
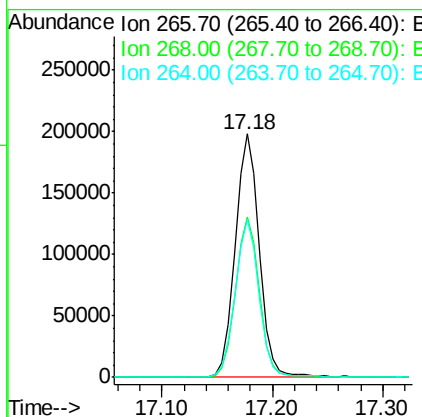
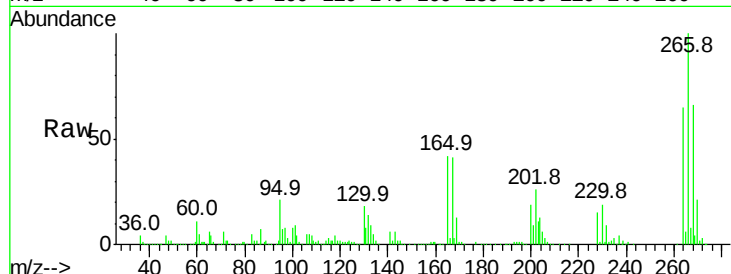
#69
 Pentachlorophenol
 Concen: 83.854 ng
 RT: 17.18 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	64.6	49.6	74.4

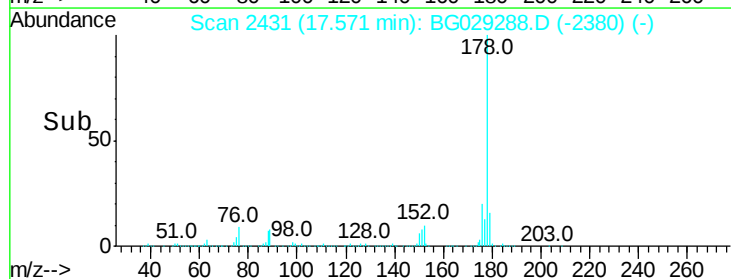
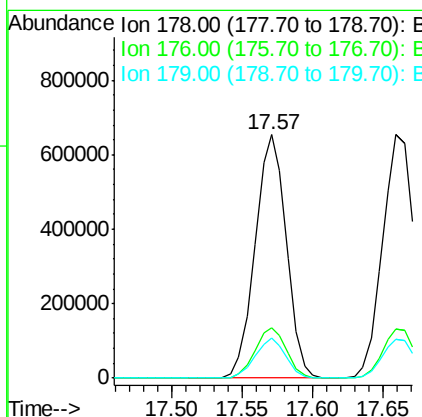
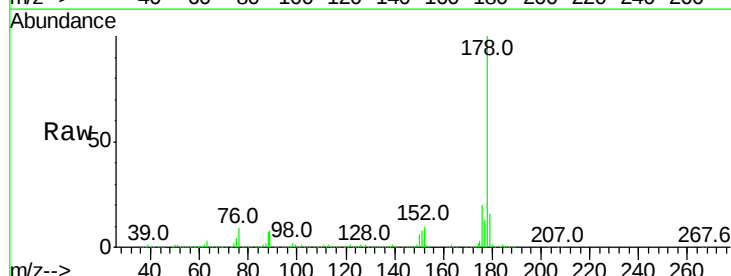
Manual Integrations
 APPROVED

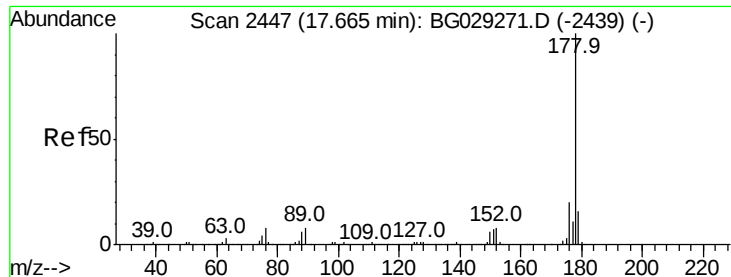
Sohil
 10/17/2017 5:04:13 PM



#70
 Phenanthrene
 Concen: 40.519 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.3	12.5	18.7





#71
 Anthracene
 Concen: 40.681 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

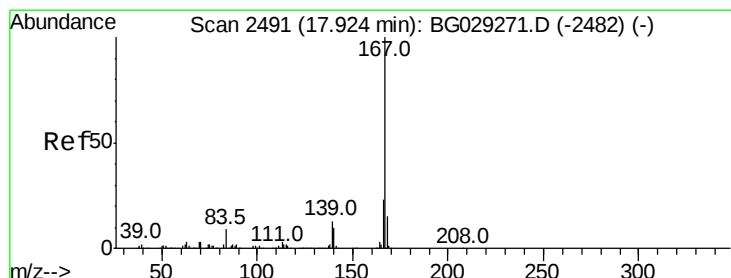
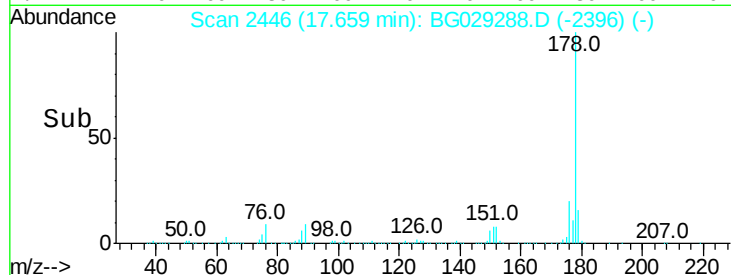
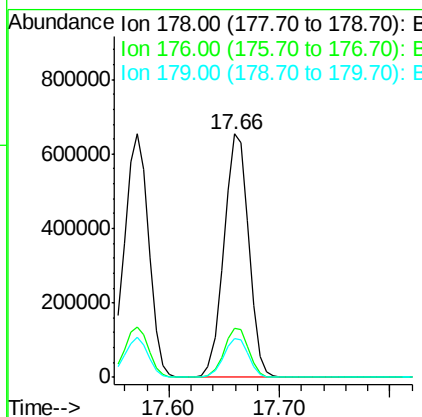
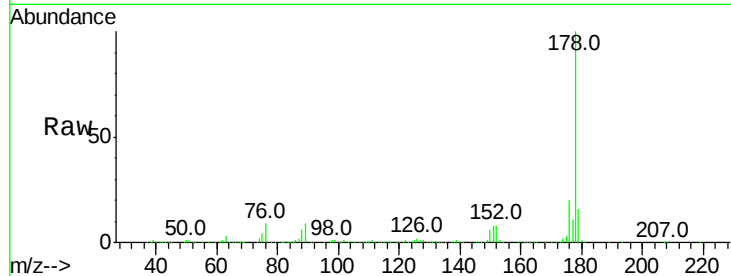
Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion:178 Resp: 1022477

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.1	12.5	18.7

Manual Integrations
 APPROVED

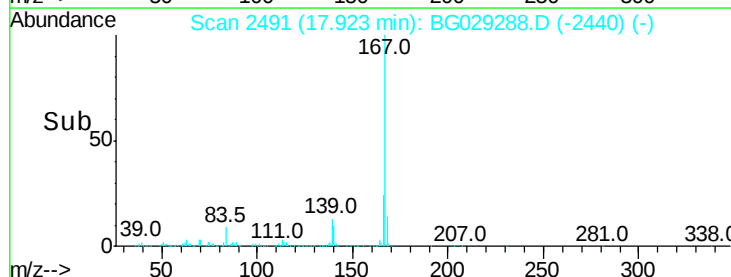
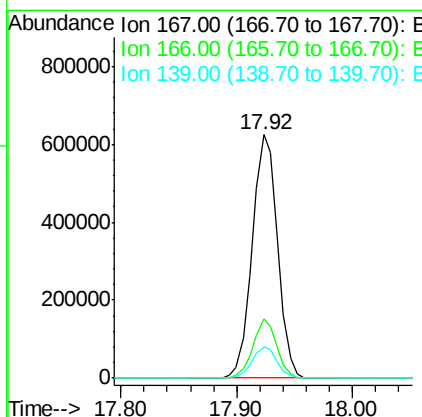
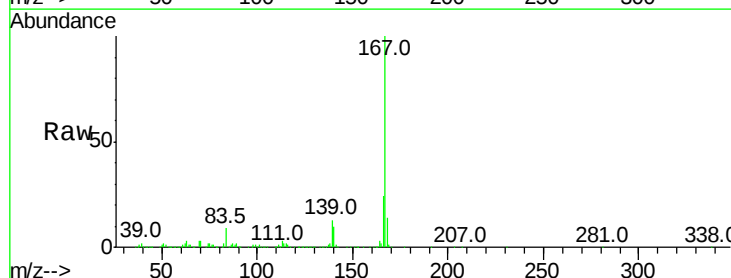
Sohil
 10/17/2017 5:04:13 PM

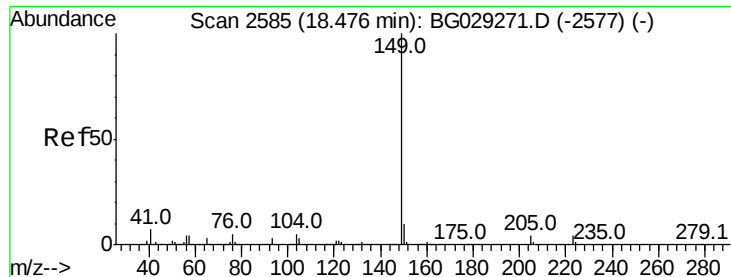


#72
 Carbazole
 Concen: 39.445 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion:167 Resp: 952356

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	12.8	9.4	14.2





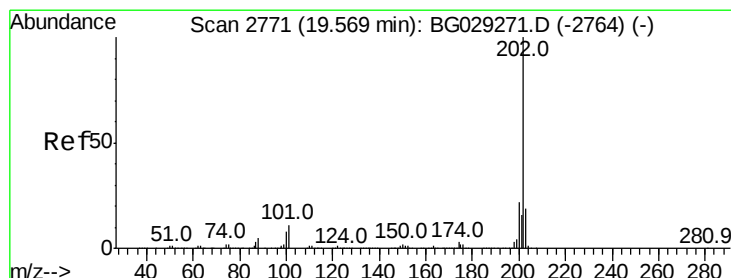
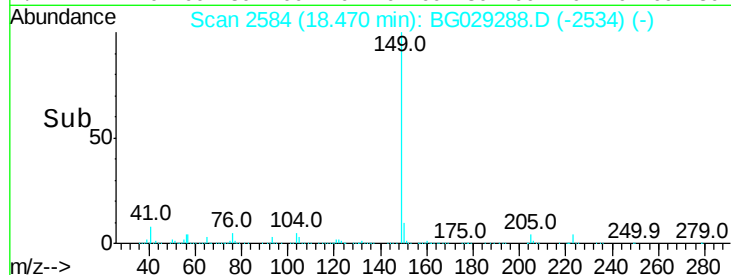
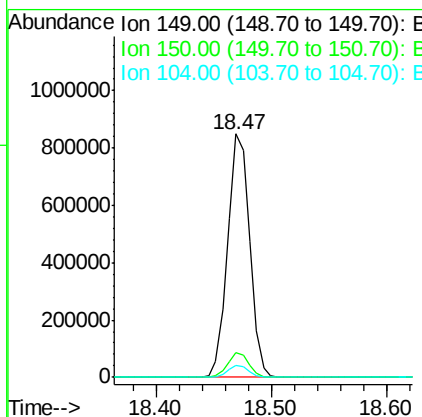
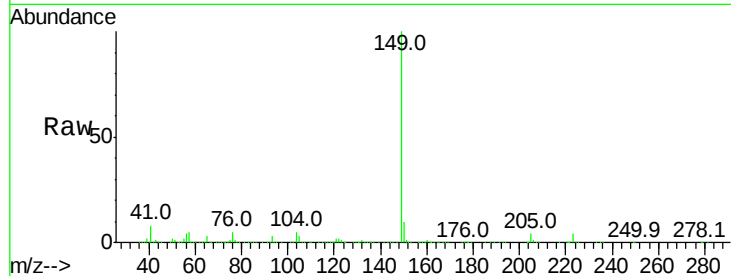
#73
Di-n-butylphthalate
Concen: 40.464 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.1	3.9	5.9

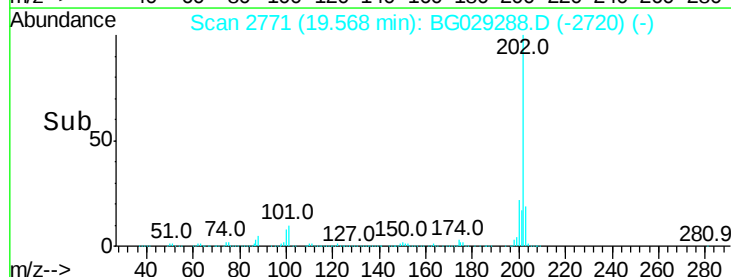
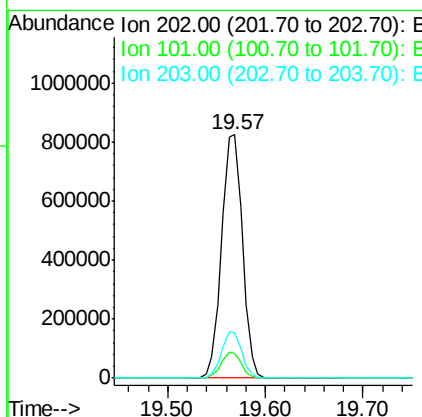
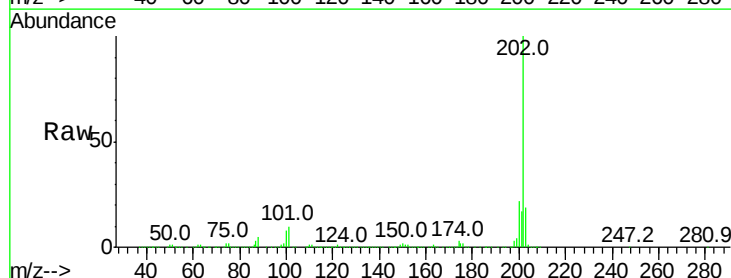
Manual Integrations
APPROVED

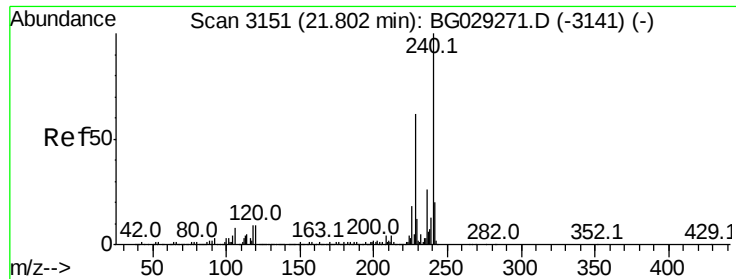
Sohil
10/17/2017 5:04:13 PM



#74
Fluoranthene
Concen: 41.584 ng
RT: 19.57 min Scan# 2771
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

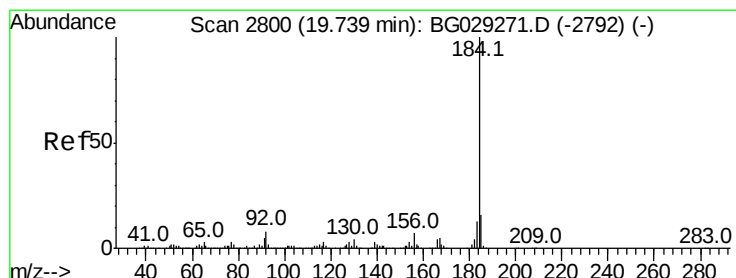
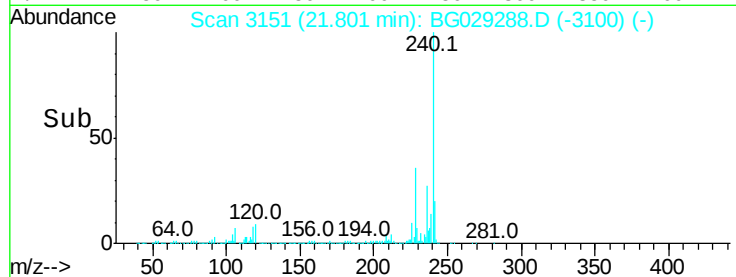
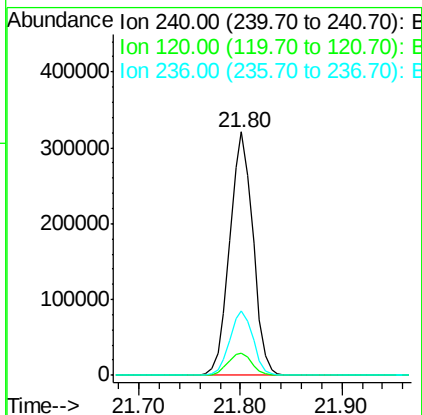
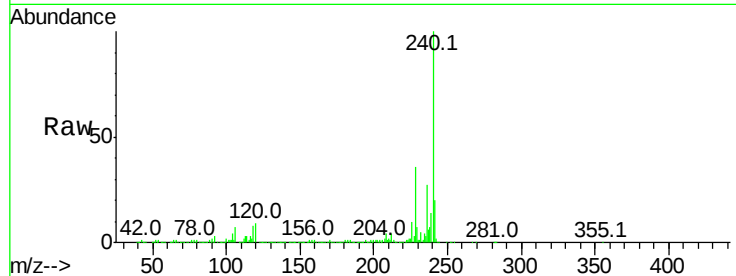
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	240	Resp:	509600
Ion Ratio	Lower	Upper	
240	100		
120	9.0	6.8	10.2
236	26.7	20.9	31.3

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#76

Benzidine

Concen: 20.521 ng

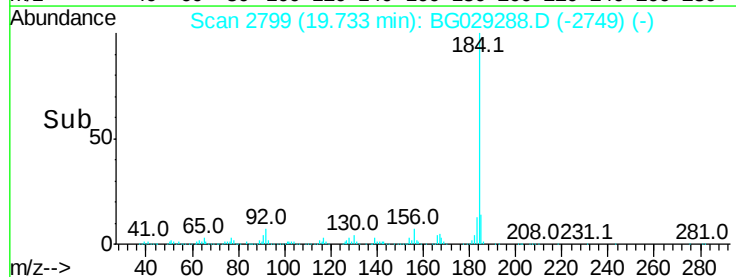
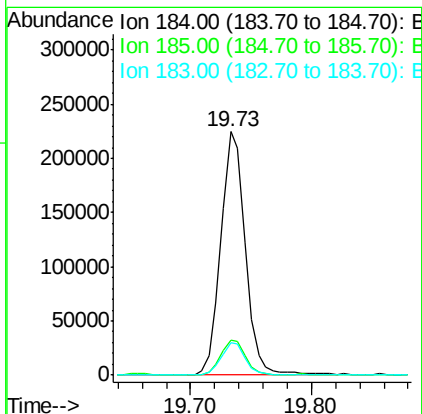
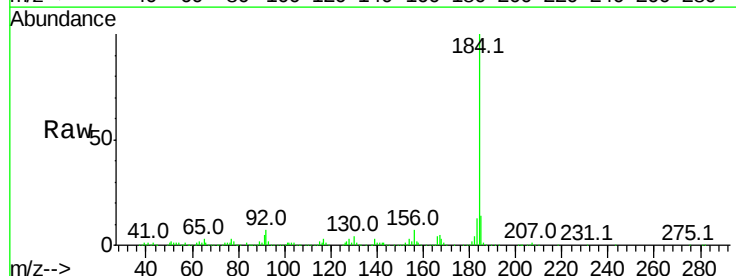
RT: 19.73 min Scan# 2799

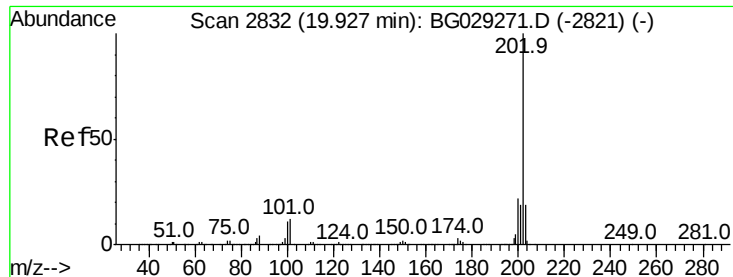
Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	184	Resp:	315748
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.1	16.7
183	13.1	10.6	16.0





#77

Pvrene

Concen: 40.014 ng

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

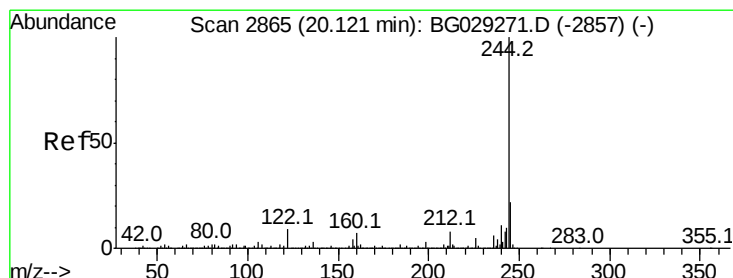
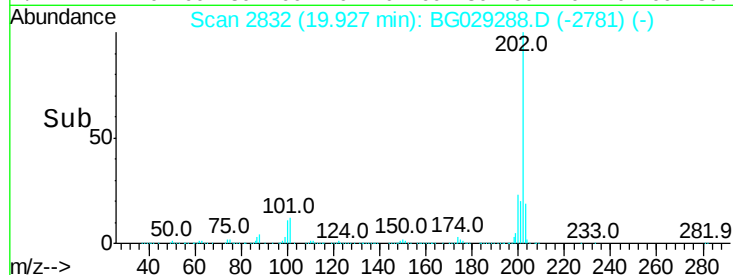
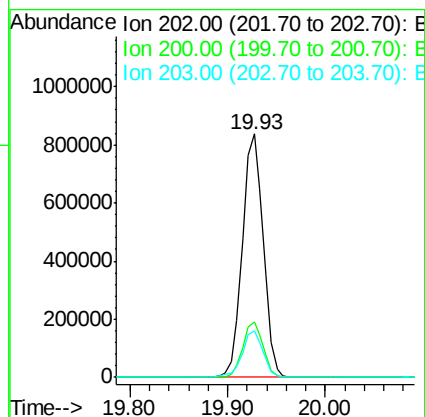
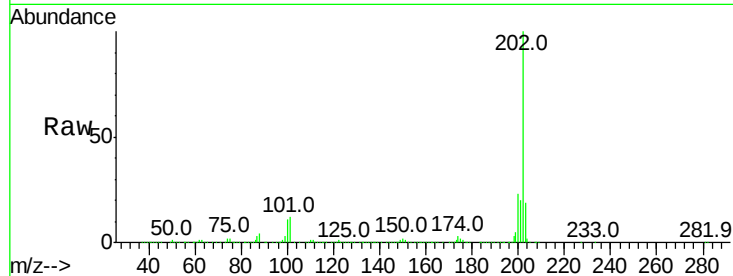
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	202	Resp:	1236951
Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.2	13.9	20.9

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#78

Terphenyl-d14

Concen: 88.719 ng

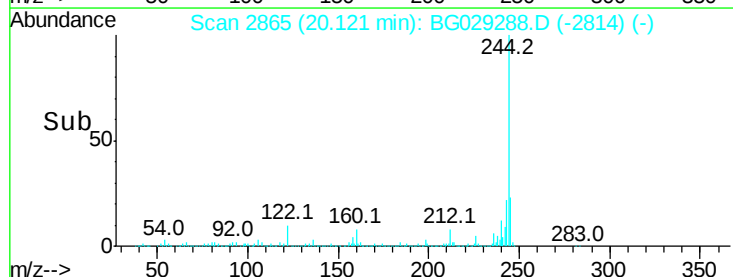
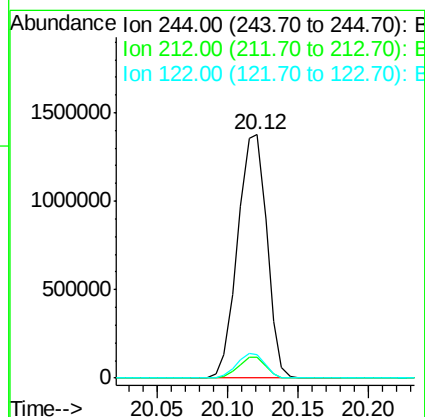
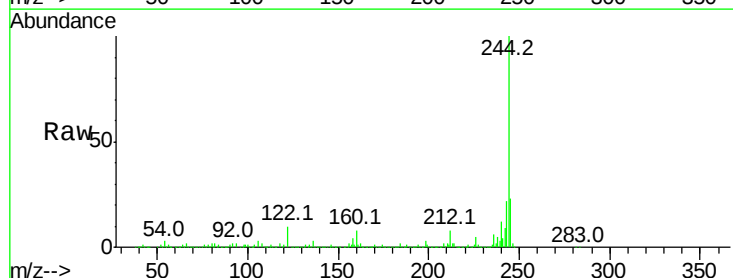
RT: 20.12 min Scan# 2865

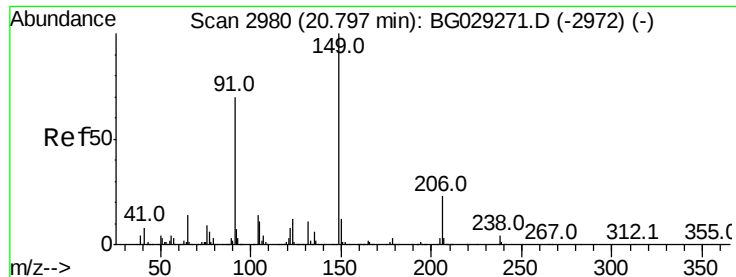
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	244	Resp:	1987355
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.7	7.0	10.4





#79

Butylbenzylphthalate

Concen: 40.482 ng

RT: 20.80 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Instrument :

BNA_G

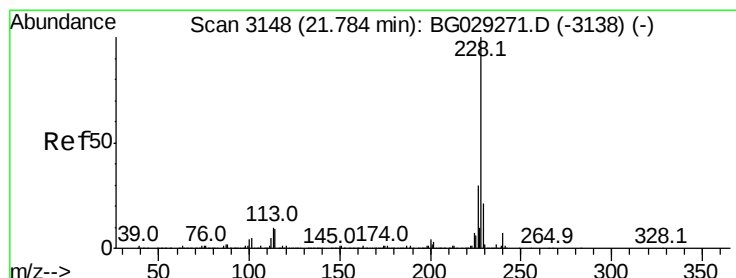
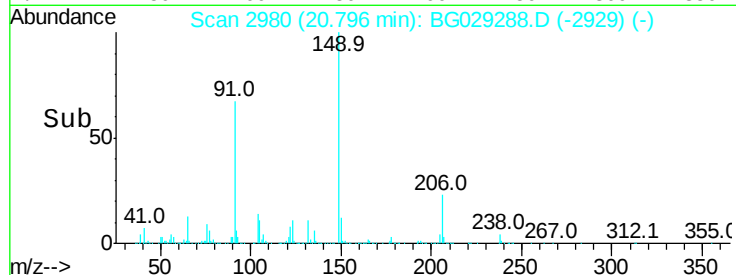
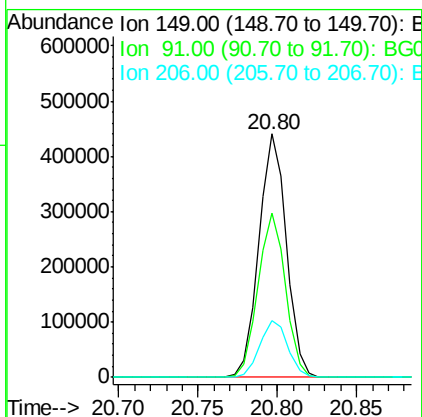
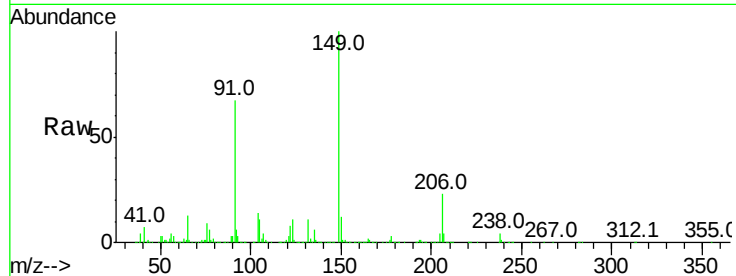
ClientSampleId :

WC-101117-SOILMSD

Tot Ion:	149	Resp:	533160
Ion Ratio	Lower	Upper	
149	100		
91	67.4	62.2	93.2
206	23.4	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/17/2017 5:04:13 PM



#80

Benzo(a)anthracene

Concen: 40.419 ng

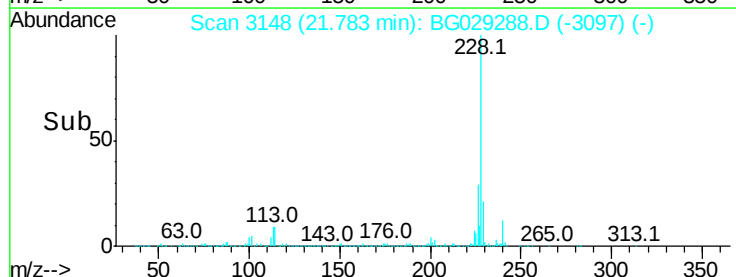
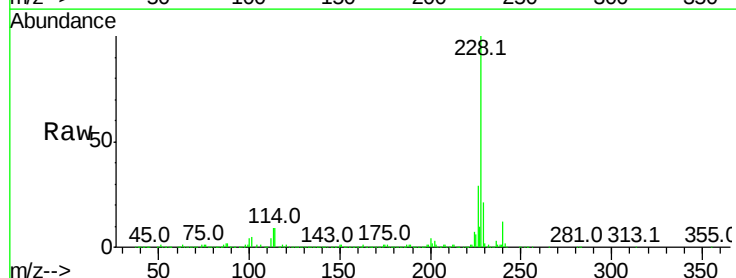
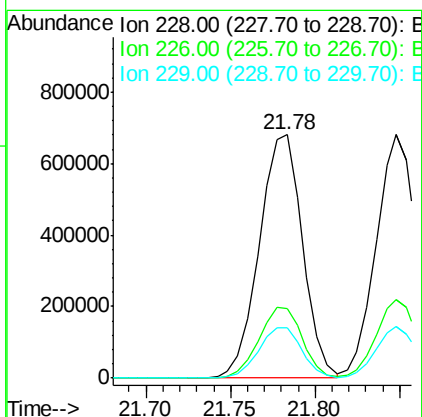
RT: 21.78 min Scan# 3148

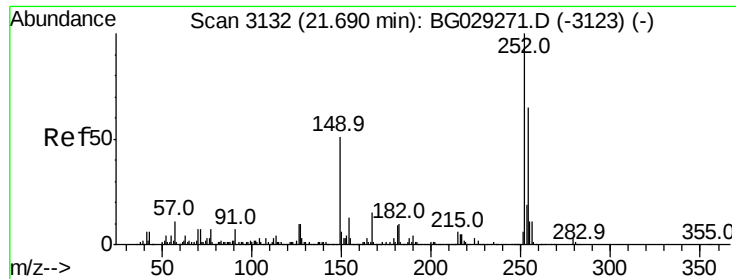
Delta R.T. -0.00 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tgt Ion:	228	Resp:	1209314
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.7	34.1
229	20.5	16.2	24.2





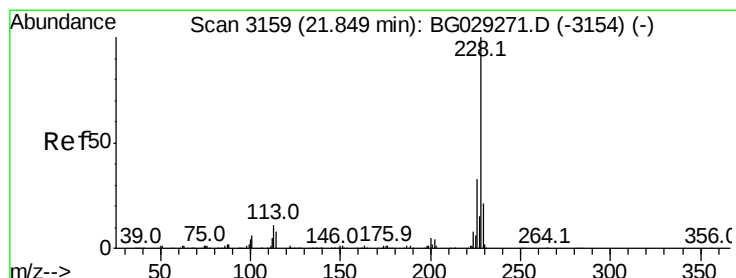
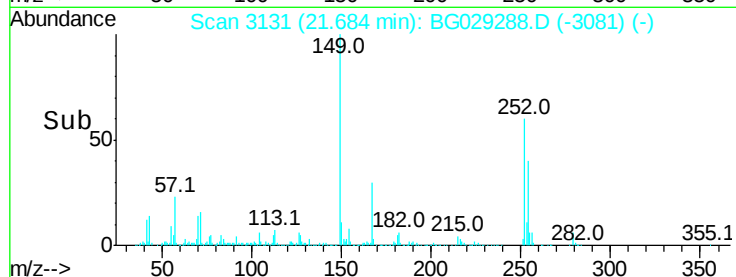
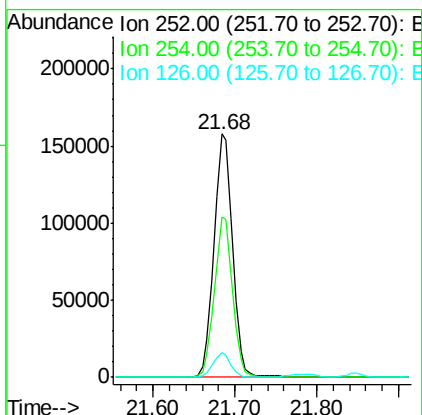
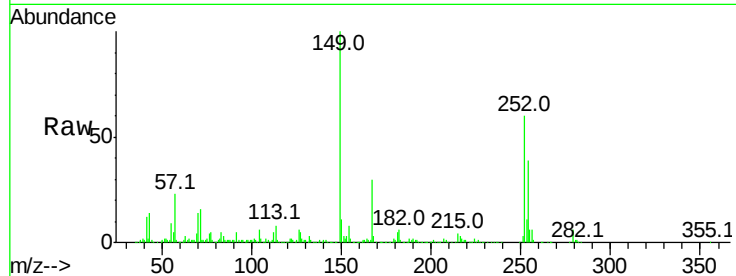
#81
 3,3'-Dichlorobenzidine
 Concen: 20.357 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	10.3	7.4	11.2

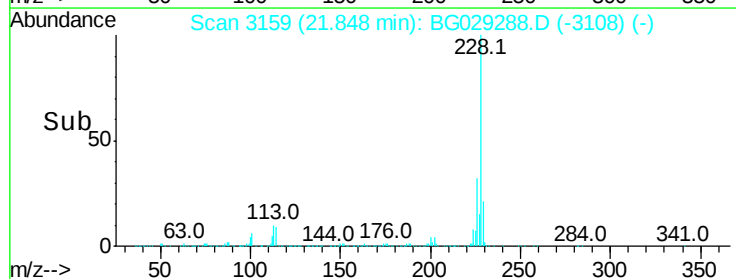
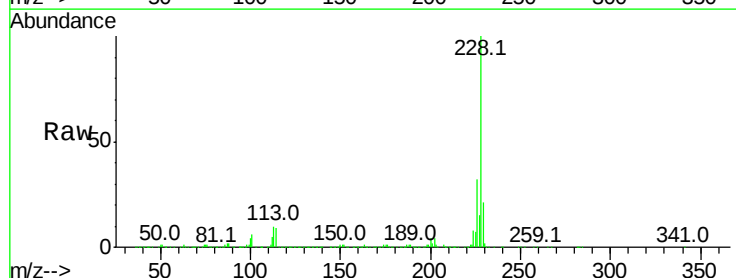
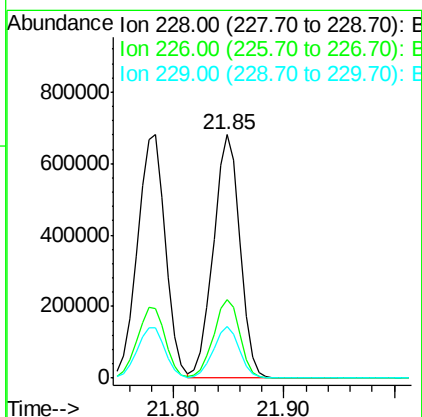
Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:04:13 PM



#82
 Chrysene
 Concen: 39.405 ng
 RT: 21.85 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.4	15.0	22.4





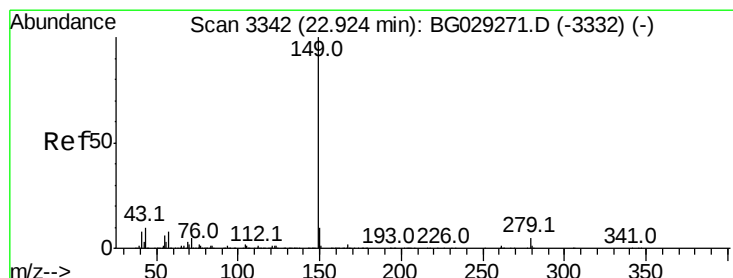
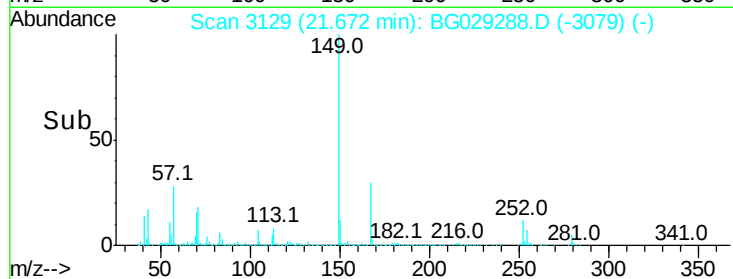
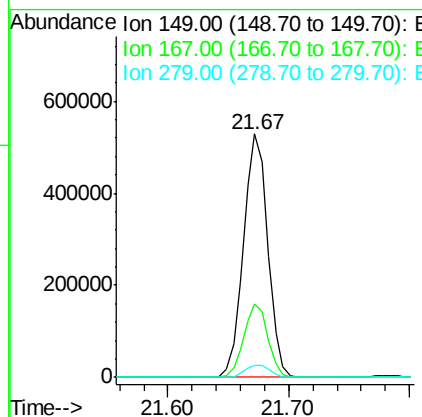
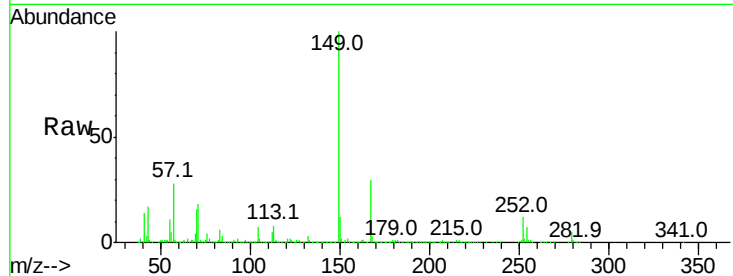
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.362 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	4.8	4.0	6.0

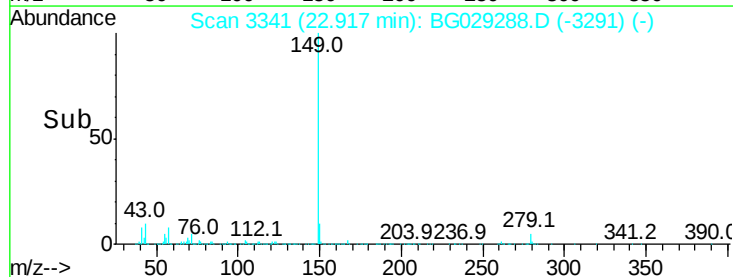
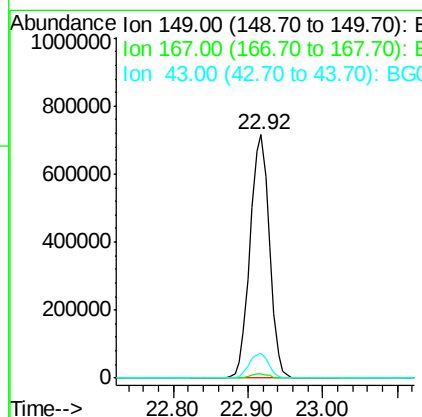
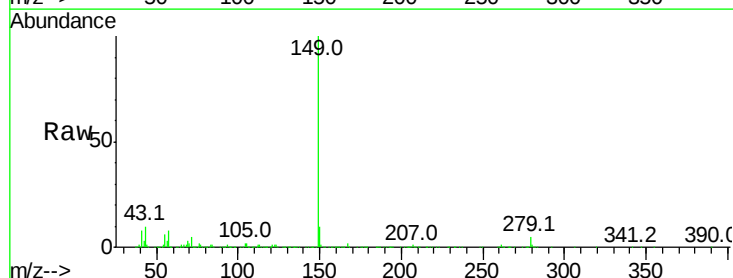
Manual Integrations
 APPROVED

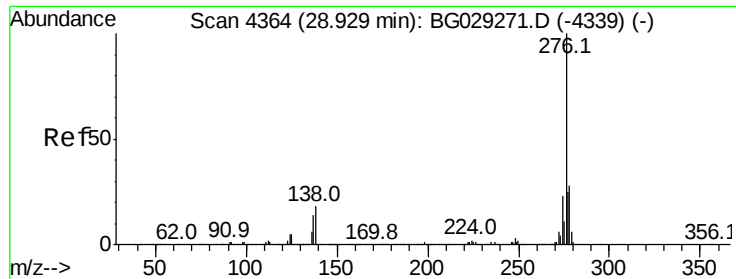
Sohil
 10/17/2017 5:04:13 PM



#84
 Di-n-octyl phthalate
 Concen: 39.013 ng
 RT: 22.92 min Scan# 3341
 Delta R.T. -0.01 min
 Lab File: BG029288.D
 Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.9	13.3





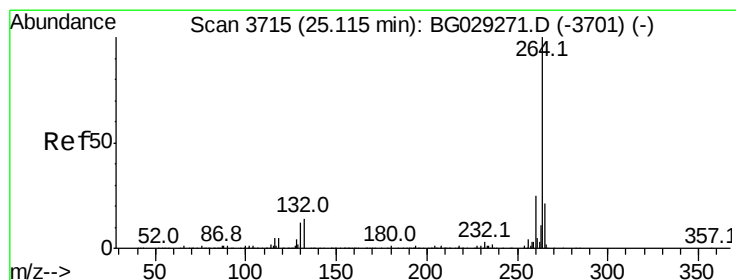
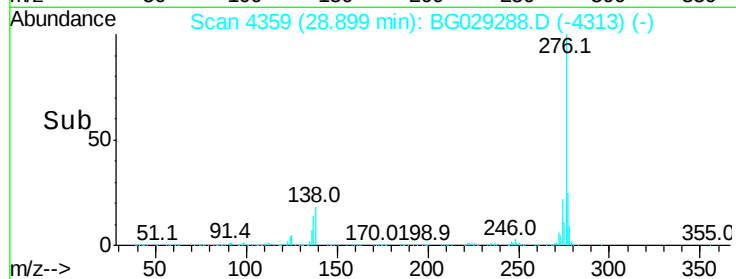
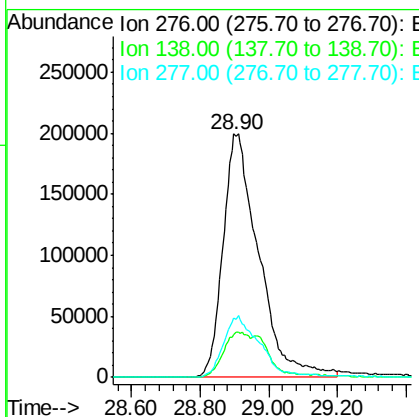
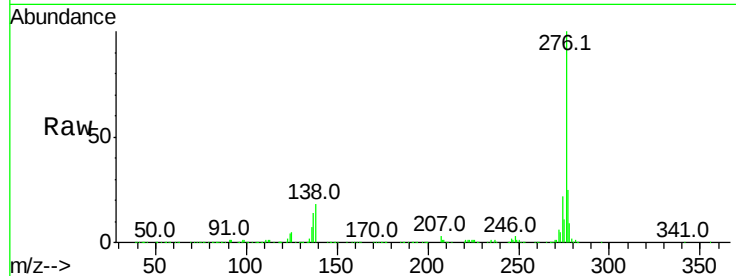
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.785 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.03 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion:276 Resp: 1437723
Ion Ratio Lower Upper
276 100
138 13.2 16.0 24.0#
277 25.1 20.0 30.0

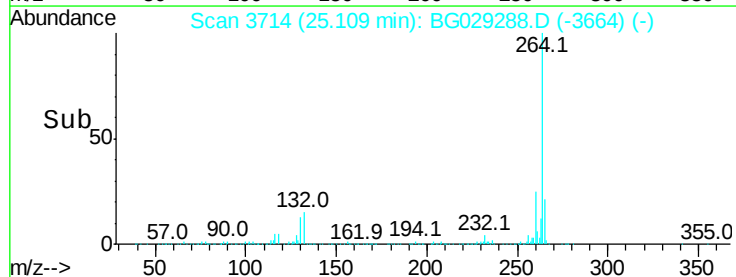
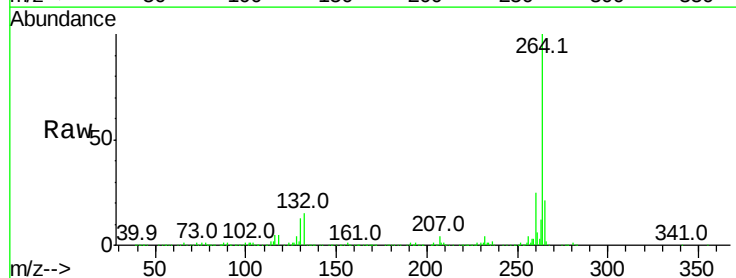
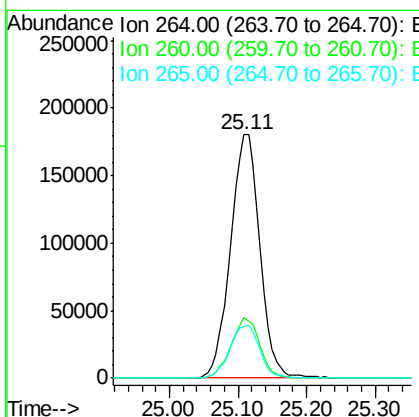
Manual Integrations
APPROVED

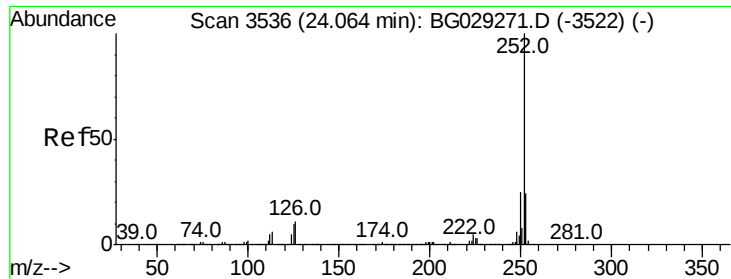
Sohil
10/17/2017 5:04:13 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion:264 Resp: 535698
Ion Ratio Lower Upper
264 100
260 25.0 17.4 26.0
265 21.1 17.7 26.5





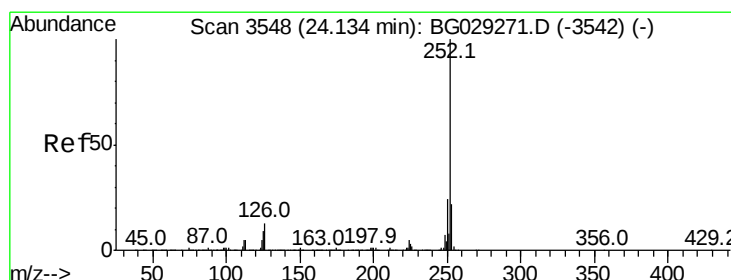
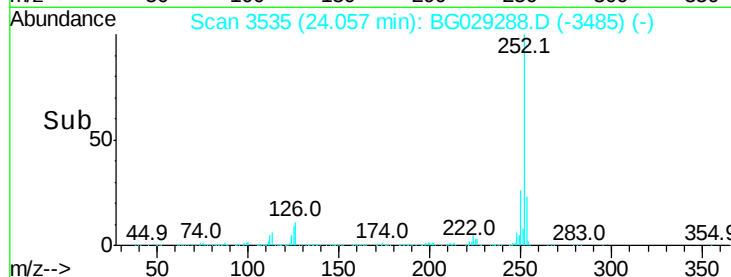
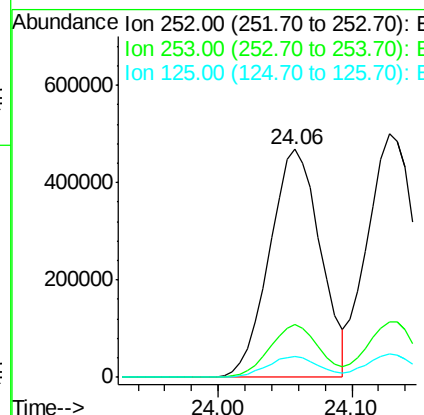
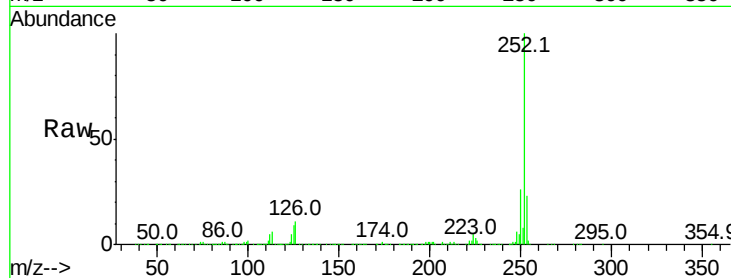
#87
Benzo(b)fluoranthene
Concen: 40.447 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	9.1	7.2	10.8

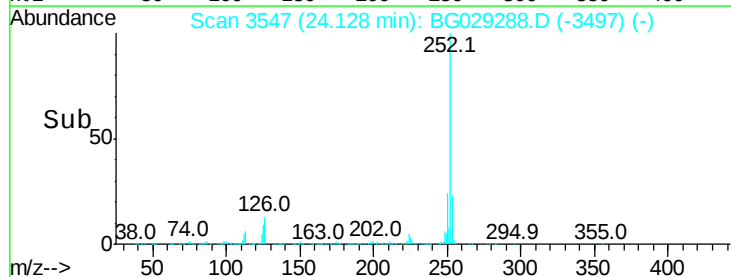
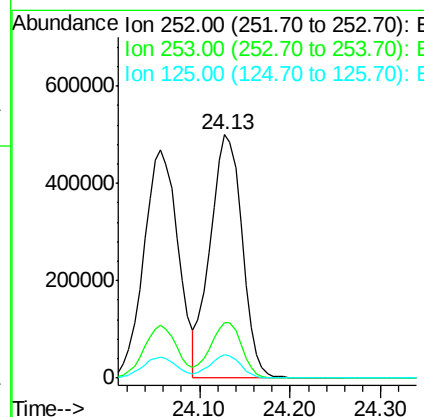
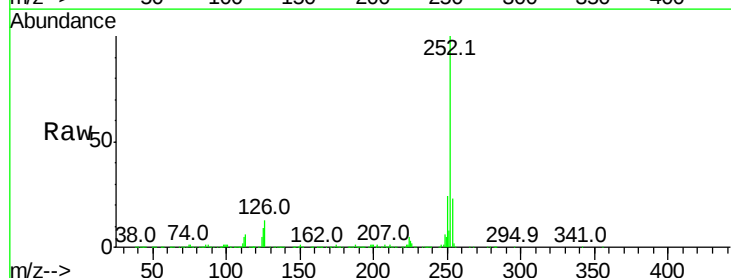
Manual Integrations
APPROVED

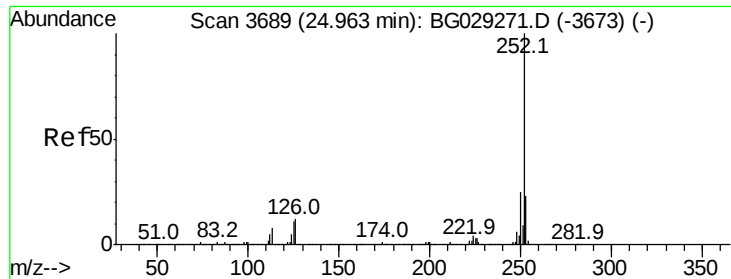
Sohil
10/17/2017 5:04:13 PM



#88
Benzo(k)fluoranthene
Concen: 40.147 ng
RT: 24.13 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.4	6.6	9.8





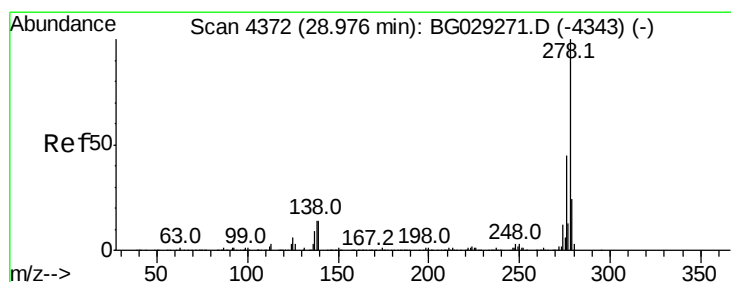
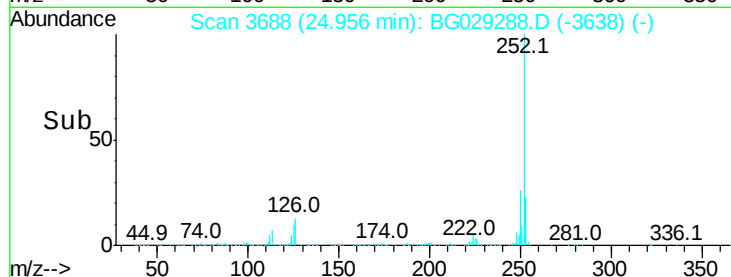
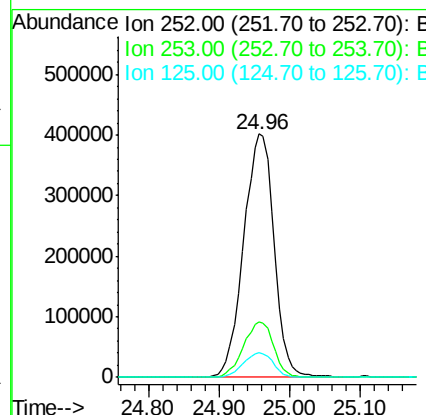
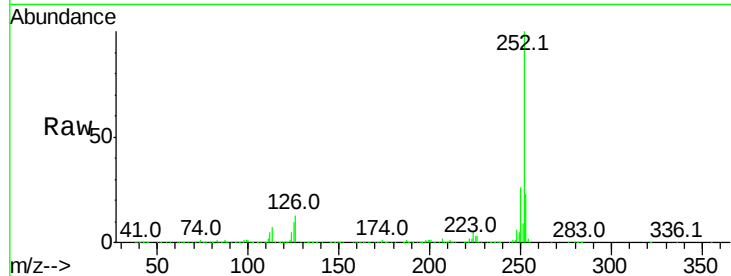
#89
Benzo(a)pyrene
Concen: 40.776 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Tot Ion:252 Resp: 1202230
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.1 7.3 10.9

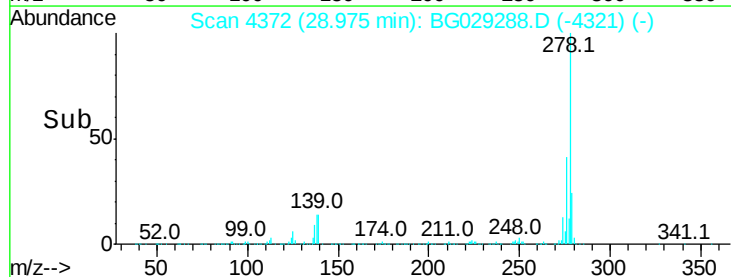
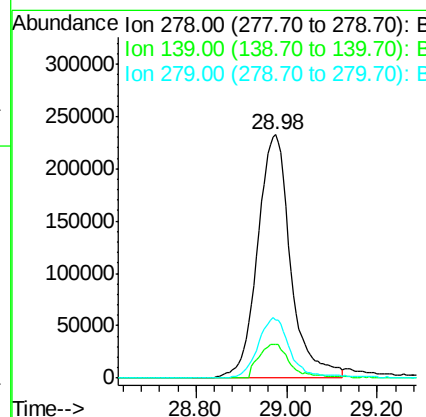
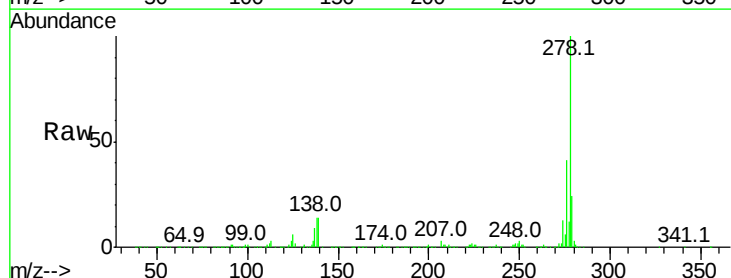
Manual Integrations
APPROVED

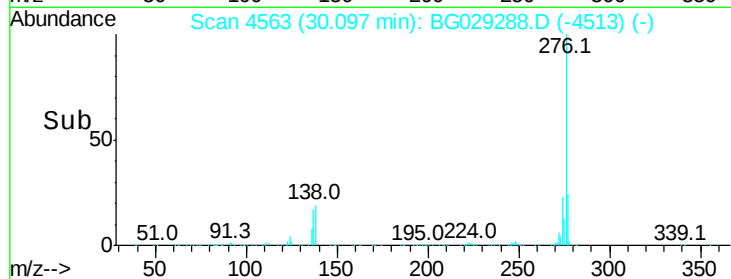
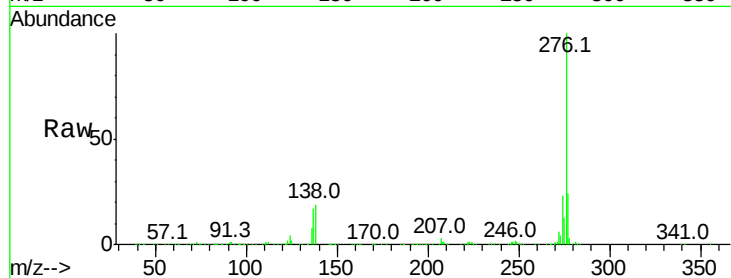
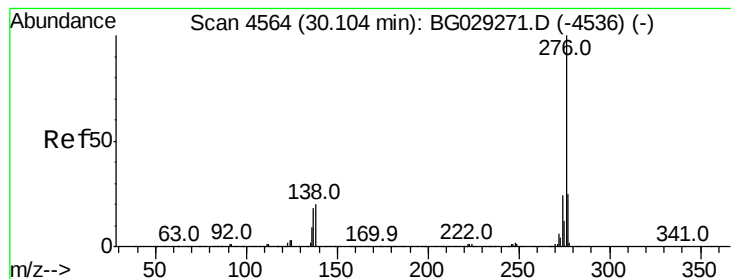
Sohil
10/17/2017 5:04:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.556 ng
RT: 28.98 min Scan# 4372
Delta R.T. -0.00 min
Lab File: BG029288.D
Acq: 17 Oct 2017 2:05

Tgt Ion:278 Resp: 1180731
Ion Ratio Lower Upper
278 100
139 13.7 9.8 14.6
279 23.8 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 39.958 ng

RT: 30.10 min Scan# 4563

Delta R.T. -0.01 min

Lab File: BG029288.D

Acq: 17 Oct 2017 2:05

Tot Ion: 276 Resp: 1108202

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 18.8 13.9 20.9

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMSD

Manual Integrations

APPROVED

Sohil

10/17/2017 5:04:13 PM

