

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033026.D
 Acq On : 6 Mar 2018 18:00
 Operator : SJ/JU
 Sample : J1731-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Manual Integrations
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 3/7/2018 12:11:02 PM

Quant Time: Mar 07 02:44:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	48765	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	218024	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	128682	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	296568	20.00	ng	0.00
75) Chrysene-d12	22.61	240	272117	20.00	ng	0.00
86) Perylene-d12	26.41	264	292150	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	457198	149.99	ng	0.00
7) Phenol-d6	8.01	99	582218	137.04	ng	0.00
23) Nitrobenzene-d5	10.11	82	408046	124.64	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	242676	179.36	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	863093	96.73	ng	0.00
78) Terphenyl-d14	20.77	244	1293308	106.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	57787	43.683	ng	# 90
3) Pyridine	4.44	79	160426	43.999	ng	94
4) n-Nitrosodimethylamine	4.33	42	90716	62.058	ng	# 82
6) Aniline	8.21	93	59768	10.393	ng	97
8) 2-Chlorophenol	8.45	128	183489	54.998	ng	98
9) Benzaldehyde	8.01	77	44218	18.058	ng	95
10) Phenol	8.04	94	212677	49.658	ng	95
11) bis(2-Chloroethyl)ether	8.29	93	169543	48.412	ng	98
12) 1,3-Dichlorobenzene	8.79	146	178440	45.664	ng	98
13) 1,4-Dichlorobenzene	8.95	146	182045	46.282	ng	97
14) 1,2-Dichlorobenzene	9.28	146	176724	46.885	ng	97
15) Benzyl Alcohol	9.14	79	161331	51.652	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	330352	54.872	ng	100
17) 2-Methylphenol	9.34	107	159529	50.513	ng	98
18) Hexachloroethane	10.04	117	67296	50.249	ng	# 82
19) n-Nitroso-di-n-propylamine	9.72	70	146293	48.774	ng	# 90
20) 3+4-Methylphenols	9.68	107	222064	50.570	ng	96
22) Acetophenone	9.75	105	271059	49.228	ng	# 97
24) Nitrobenzene	10.16	77	207704	58.177	ng	93
25) Isophorone	10.67	82	407626	53.267	ng	96
26) 2-Nitrophenol	10.88	139	100419	70.257	ng	96
27) 2,4-Dimethylphenol	10.91	122	201487	60.610	ng	90
28) bis(2-Chloroethoxy)methane	11.16	93	236348	53.016	ng	# 94
29) 2,4-Dichlorophenol	11.42	162	179606	59.528	ng	97
30) 1,2,4-Trichlorobenzene	11.65	180	165840	46.891	ng	98
31) Naphthalene	11.85	128	567772	49.837	ng	98
32) Benzoic acid	11.03	122	134902	59.088	ng	87
33) 4-Chloroaniline	11.94	127	22830	4.482	ng	97
34) Hexachlorobutadiene	12.11	225	91558	46.152	ng	97
35) Caprolactam	12.68	113	58987	48.826	ng	95
36) 4-Chloro-3-methylphenol	12.99	107	222786	63.452	ng	95
37) 2-Methylnaphthalene	13.39	142	421299	51.114	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	176927	46.316	ng	# 96
40) Hexachlorocyclopentadiene	13.72	237	217867	111.911	ng	92

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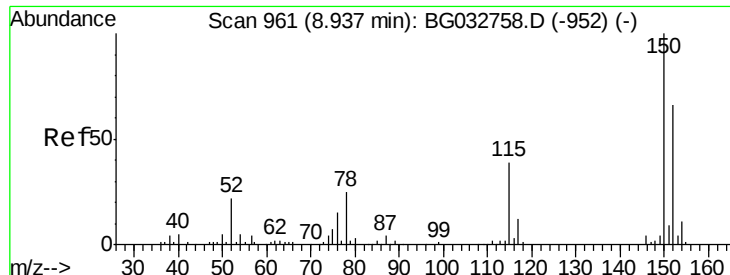
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	140359	58.264	nq	97
43) 2,4,5-Trichlorophenol	14.05	196	157857	56.617	nq	# 94
45) 1,1'-Biphenyl	14.37	154	534994	47.577	nq	95
46) 2-Chloronaphthalene	14.42	162	408617	48.646	nq	95
47) 2-Nitroaniline	14.60	65	151203	66.587	nq	92
48) Acenaphthylene	15.26	152	678775	49.357	nq	98
49) Dimethylphthalate	14.95	163	553017	50.613	nq	99
50) 2,6-Dinitrotoluene	15.08	165	126227	65.757	nq	92
51) Acenaphthene	15.59	154	489997	57.211	nq	98
52) 3-Nitroaniline	15.41	138	19863	15.026	nq	# 93
53) 2,4-Dinitrophenol	15.61	184	132537	165.571	nq	96
54) Dibenzofuran	15.92	168	639566	52.444	nq	92
55) 4-Nitrophenol	15.69	139	197501	107.693	nq	88
56) 2,4-Dinitrotoluene	15.86	165	179689	73.868	nq	89
57) Fluorene	16.56	166	521174	51.778	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	135438m	62.566	nq	
59) Diethylphthalate	16.29	149	600837	52.136	nq	99
60) 4-Chlorophenyl-phenylether	16.54	204	258558	52.510	nq	93
61) 4-Nitroaniline	16.56	138	86248	37.736	nq	88
62) Azobenzene	16.82	77	549834	53.331	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	87446	80.131	nq	99
65) n-Nitrosodiphenylamine	16.74	169	475601	49.296	nq	99
66) 4-Bromophenyl-phenylether	17.42	248	156825	50.010	nq	# 85
67) Hexachlorobenzene	17.56	284	163009	48.102	nq	# 93
68) Atrazine	17.67	200	144647	45.548	nq	98
69) Pentachlorophenol	17.89	266	225530	105.657	nq	98
70) Phenanthrene	18.30	178	845070	51.075	nq	99
71) Anthracene	18.39	178	852173	51.302	nq	99
72) Carbazole	18.64	167	776515	47.427	nq	97
73) Di-n-butylphthalate	19.14	149	1014542	50.510	nq	99
74) Fluoranthene	20.25	202	926411	50.688	nq	95
76) Benzidine	20.41	184	28238	3.044	nq	97
77) Pyrene	20.60	202	936796	48.817	nq	97
79) Butylbenzylphthalate	21.47	149	486464	57.176	nq	92
80) Benzo(a)anthracene	22.59	228	907766	52.022	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	72035	11.146	nq	# 97
82) Chrysene	22.66	228	856464	51.382	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	683443	54.267	nq	97
84) Di-n-octyl phthalate	23.83	149	1176967	61.312	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	966091	49.697	nq	# 94
87) Benzo(b)fluoranthene	25.18	252	908470	52.592	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	899297	52.384	nq	# 97
89) Benzo(a)pyrene	26.23	252	866563	52.743	nq	# 97
90) Dibenzo(a,h)anthracene	30.90	278	742458	44.895	nq	# 95
91) Benzo(g,h,i)perylene	32.22	276	751262	46.083	nq	# 93

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



#1

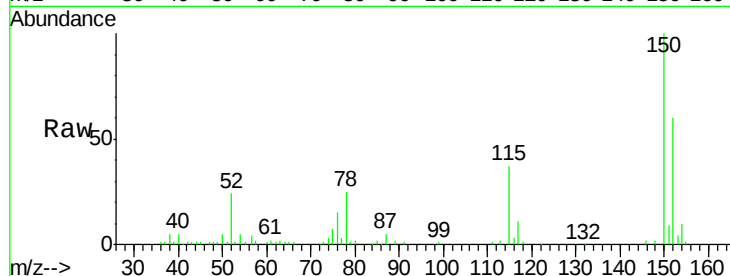
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

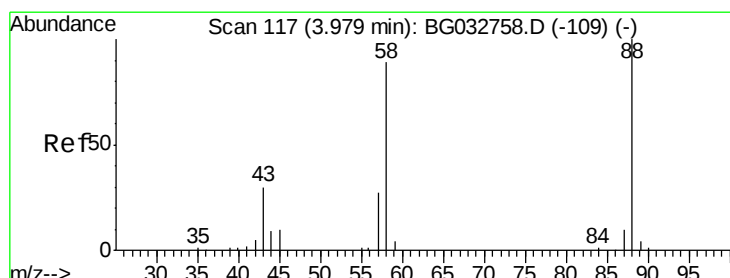
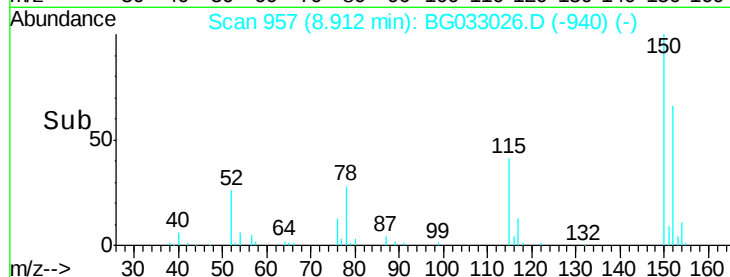
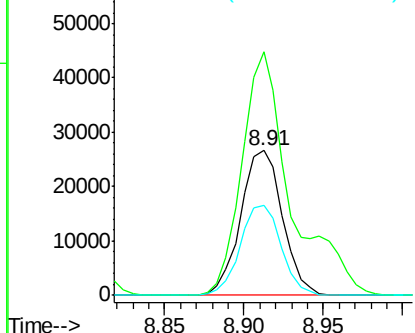
Tot Ion	Ratio	Lower	Upper
152	100		
150	168.0	126.6	189.8
115	61.7	53.0	79.4

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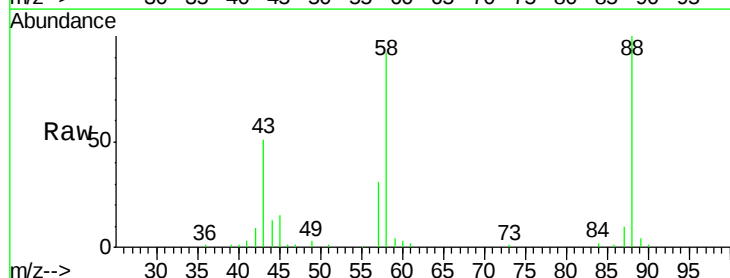
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



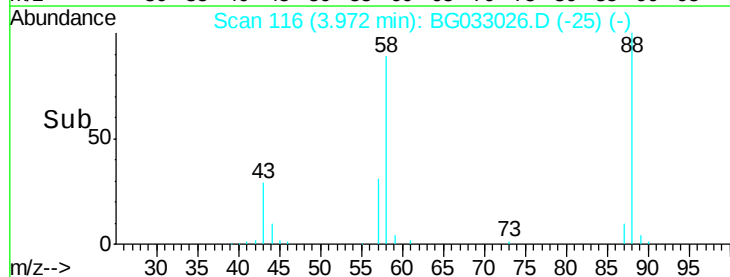
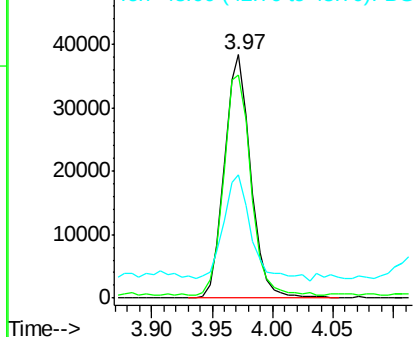
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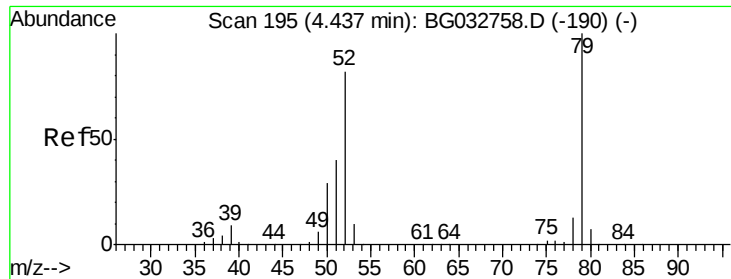
1,4-Dioxane
Concen: 43.683 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.8	79.6	119.4
43	46.3	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





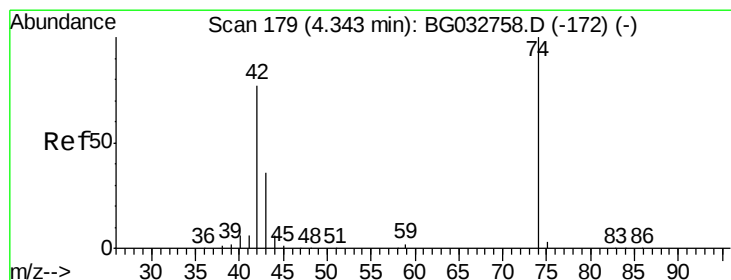
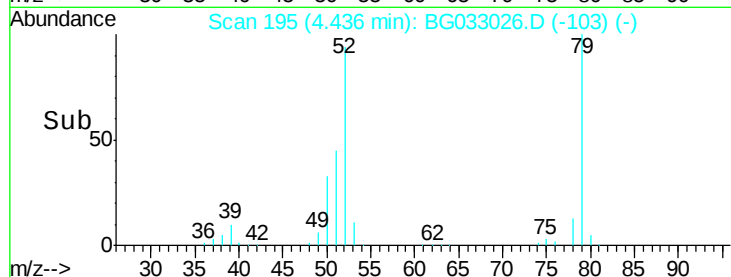
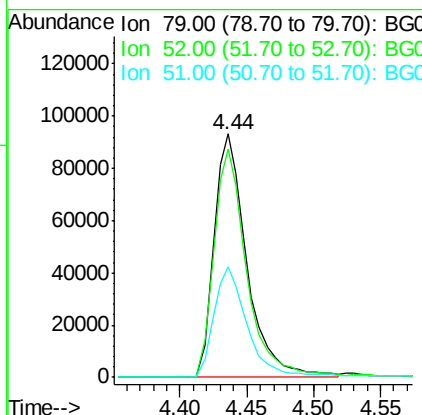
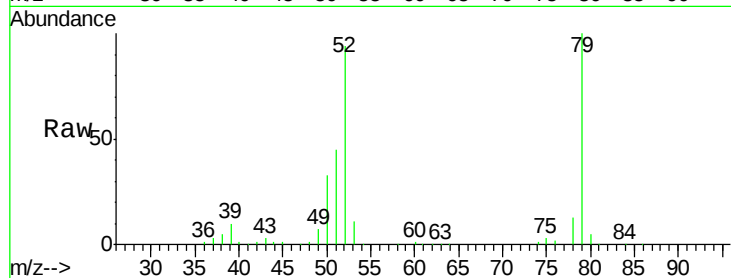
#3
 Pvridine
 Concen: 43.999 ng
 RT: 4.44 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
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 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.7	69.9	104.9
51	45.3	34.0	51.0

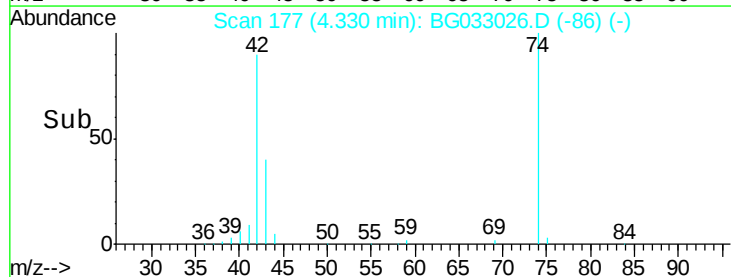
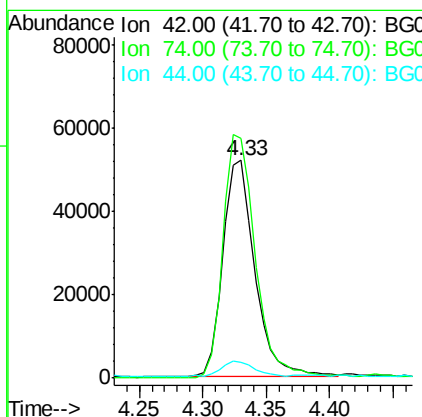
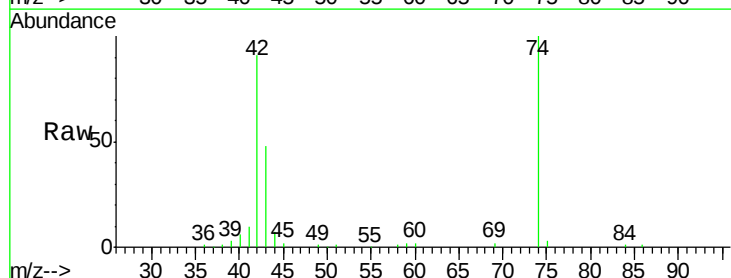
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#4
 n-Nitrosodimethylamine
 Concen: 62.058 ng
 RT: 4.33 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.3	102.5	153.7
44	7.2	18.9	28.3





#5

2-Fluorophenol

Concen: 149.995 ng

RT: 6.33 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

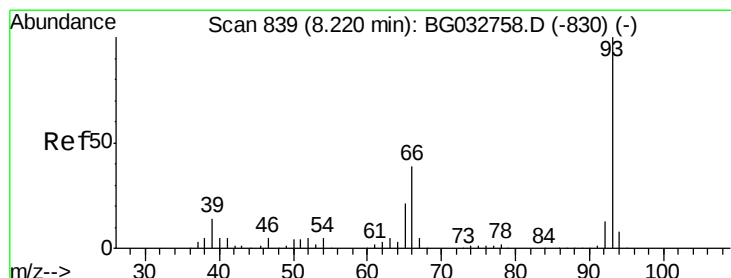
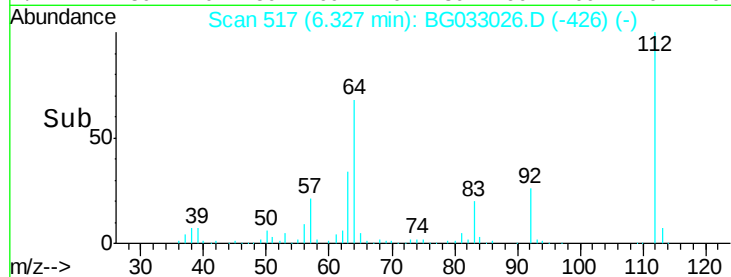
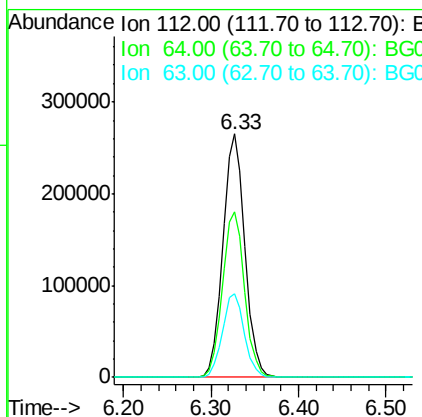
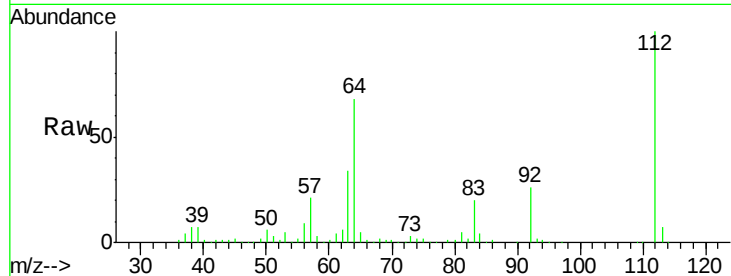
ClientSampleId :

BALER-SOILMSD

Tot Ion:	112	Resp:	457198
Ion Ratio	Lower	Upper	
112	100		
64	68.2	56.3	84.5
63	34.3	30.1	45.1

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#6

Aniline

Concen: 10.393 ng

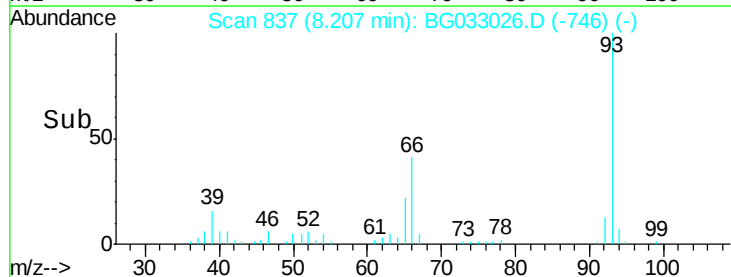
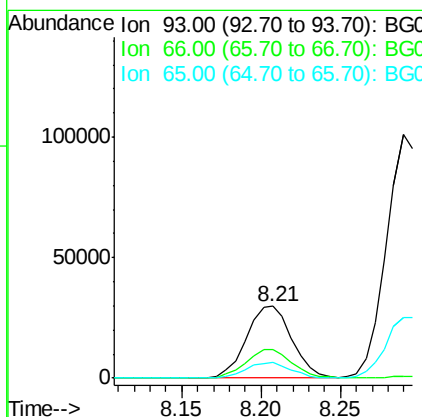
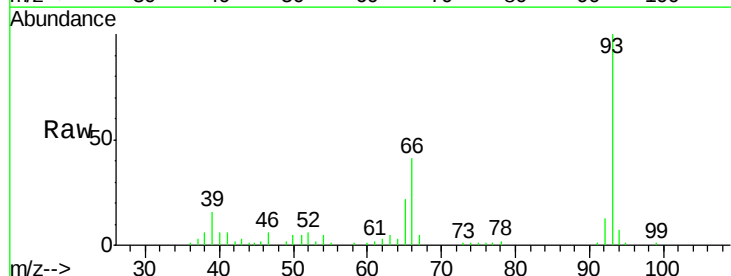
RT: 8.21 min Scan# 837

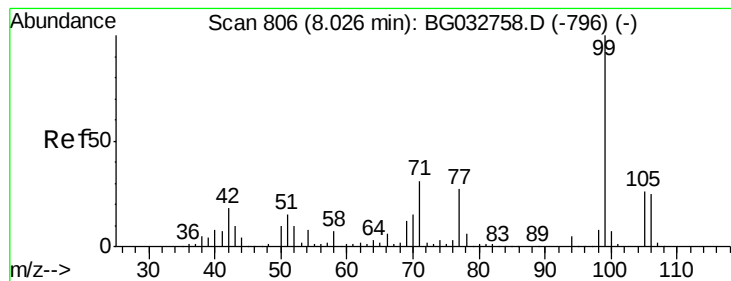
Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Tgt Ion:	93	Resp:	59768
Ion Ratio	Lower	Upper	
93	100		
66	40.7	33.7	50.5
65	22.2	16.1	24.1





#7

Phenol-d6

Concen: 137.037 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

ClientSampleId :

BALER-SOILMSD

Tot Ion: 99 Resp: 582218

Ion Ratio Lower Upper

99 100

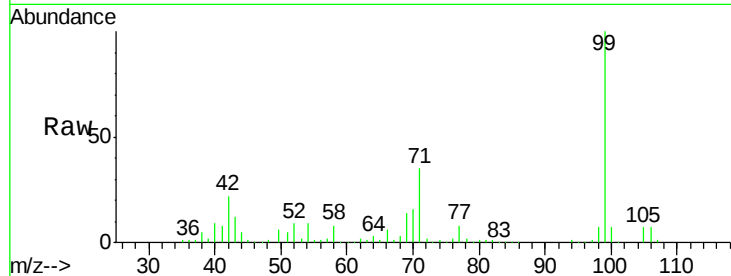
42 21.7 14.1 21.1#

71 34.6 26.1 39.1

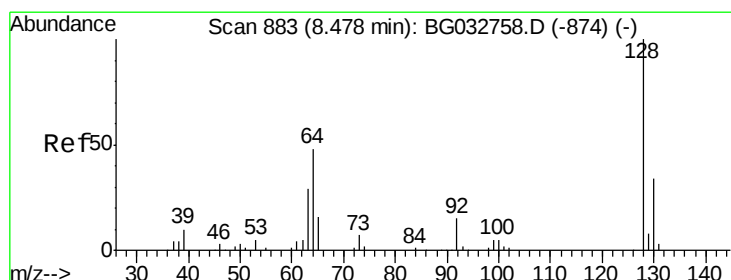
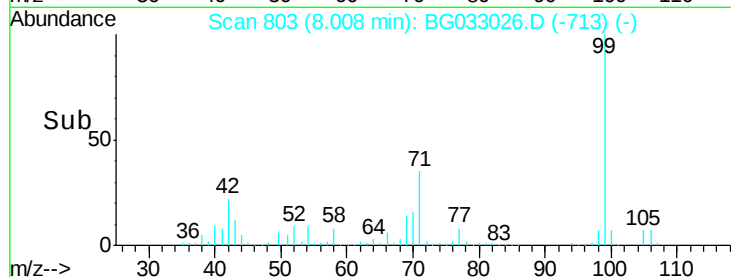
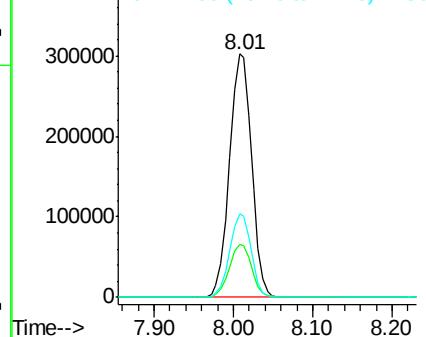
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 54.998 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

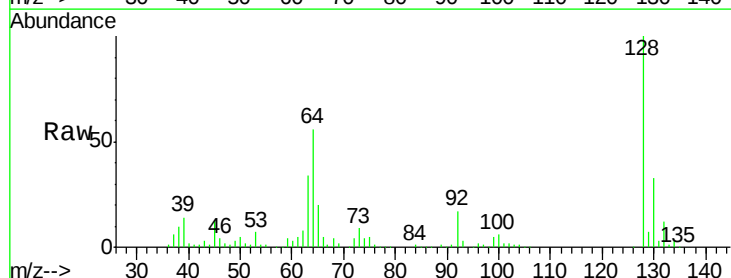
Tgt Ion: 128 Resp: 183489

Ion Ratio Lower Upper

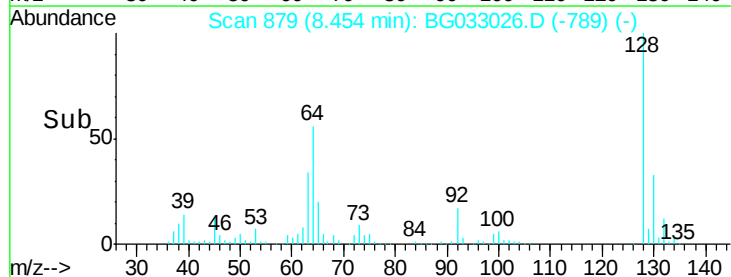
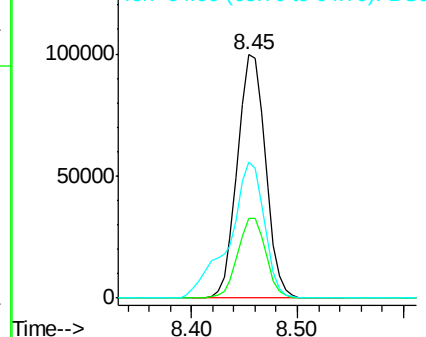
128 100

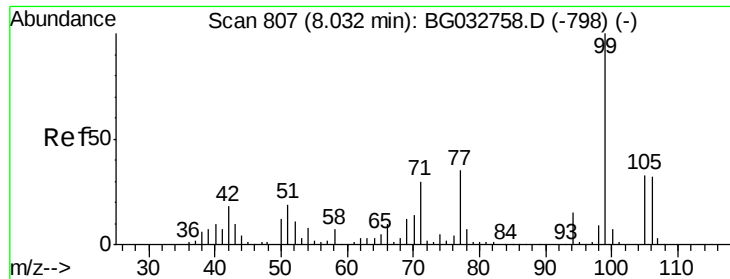
130 32.7 14.0 54.0

64 56.1 37.7 77.7



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





#9

Benzaldehyde

Concen: 18.058 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

ClientSampleId :

BALER-SOILMSD

Tot Ion: 77 Resp: 44218

Ion Ratio Lower Upper

77 100

105 85.4 71.3 111.3

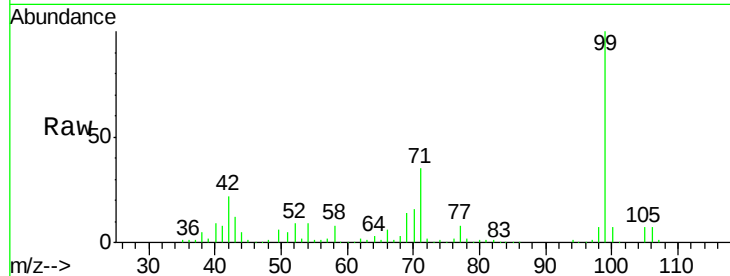
106 87.9 64.2 104.2

Manual Integrations

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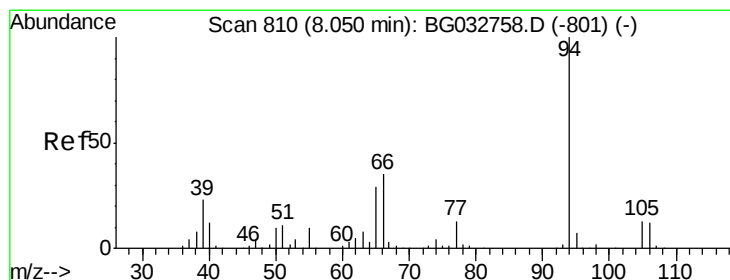
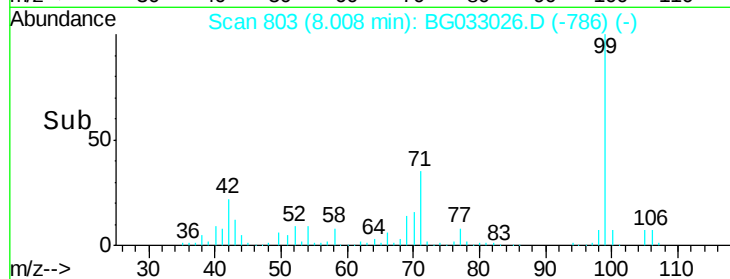
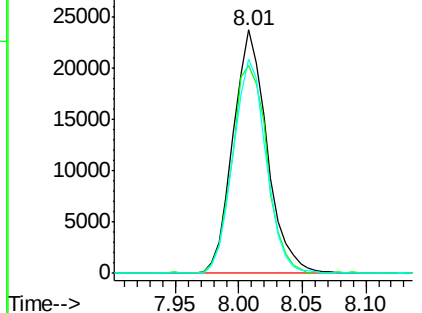
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.658 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

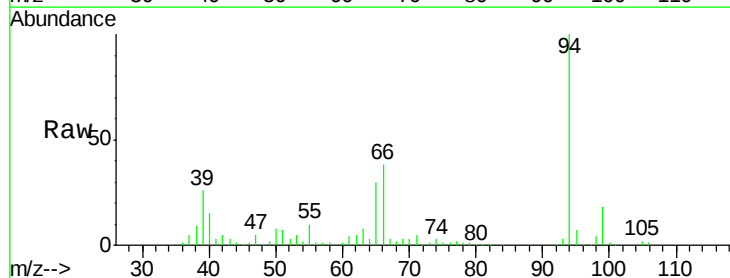
Tgt Ion: 94 Resp: 212677

Ion Ratio Lower Upper

94 100

65 30.3 11.9 51.9

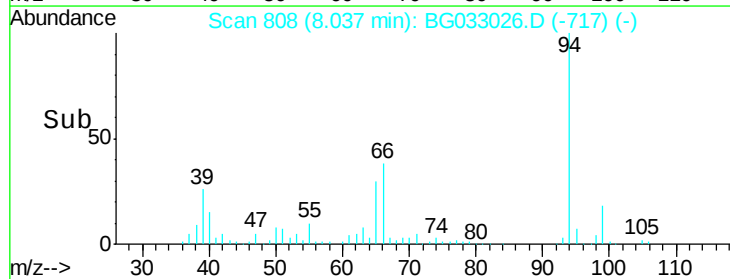
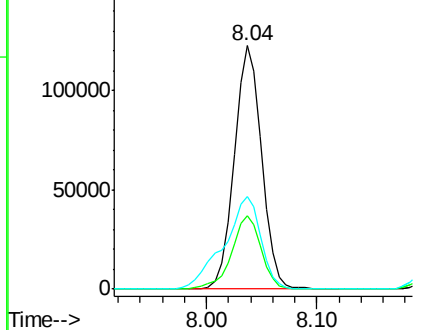
66 38.3 22.2 62.2

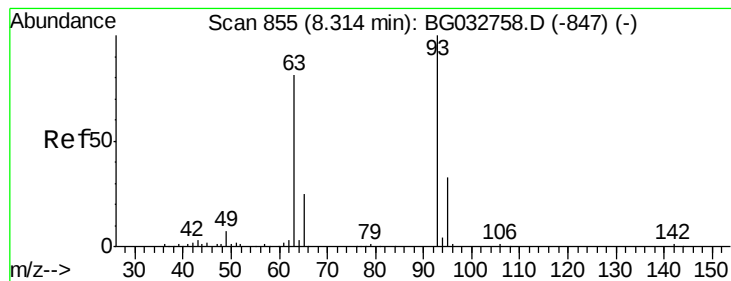


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





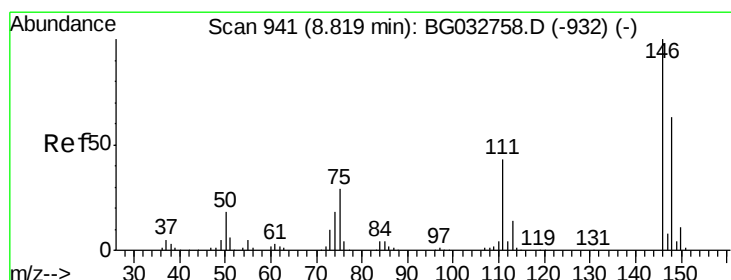
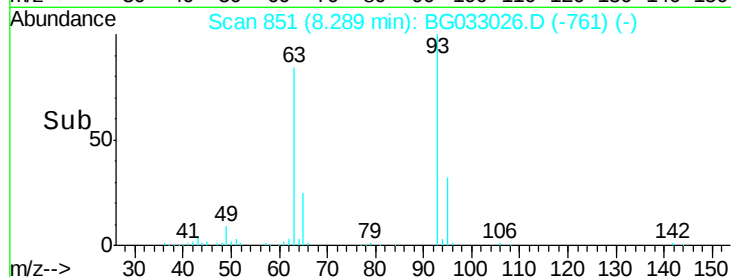
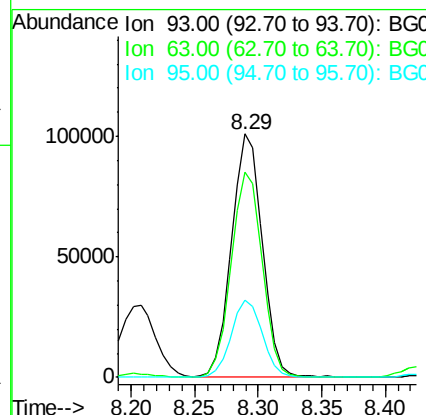
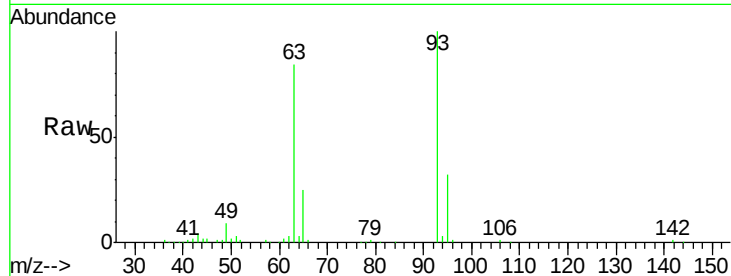
#11
bis(2-Chloroethyl)ether
Concen: 48.412 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		169543		
63	84.3		67.1	107.1	
95	31.7		11.5	51.5	

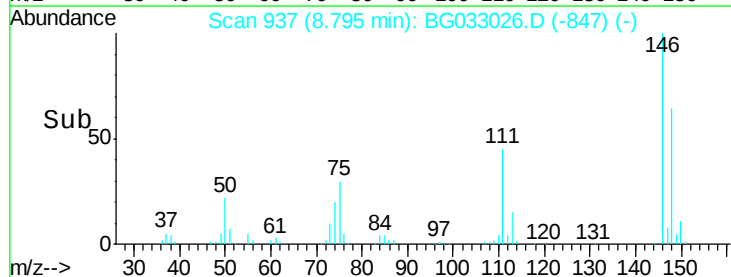
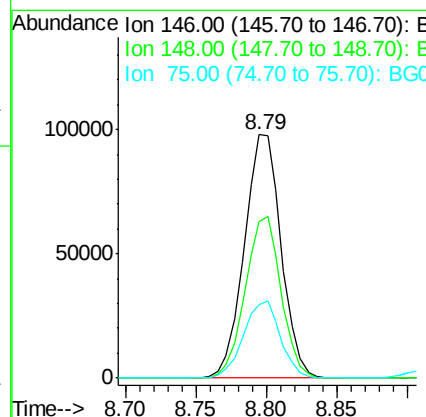
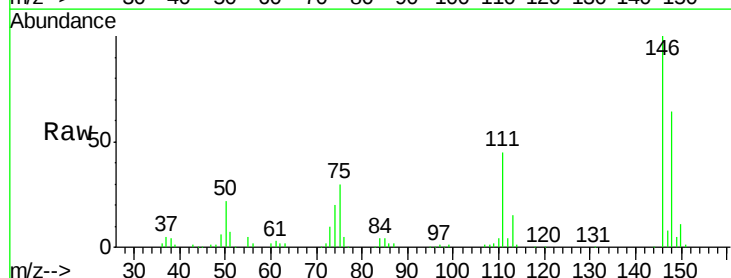
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 45.664 ng
RT: 8.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		178440		
148	64.5		51.4	77.2	
75	30.3		26.6	39.8	





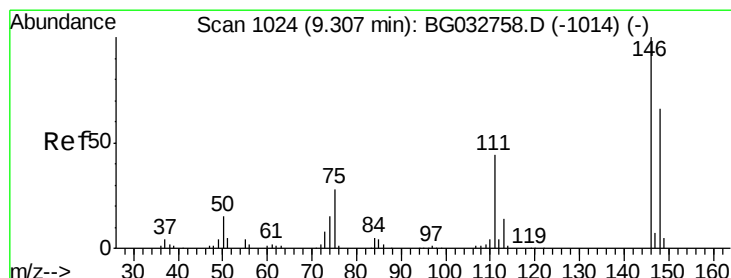
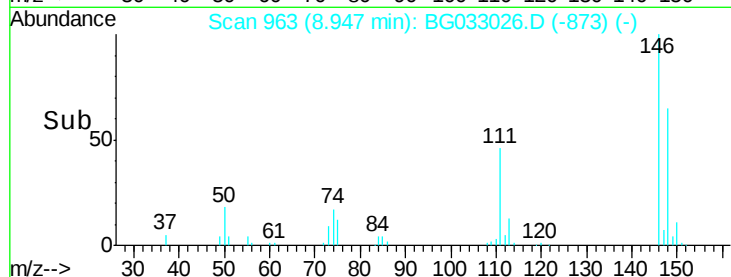
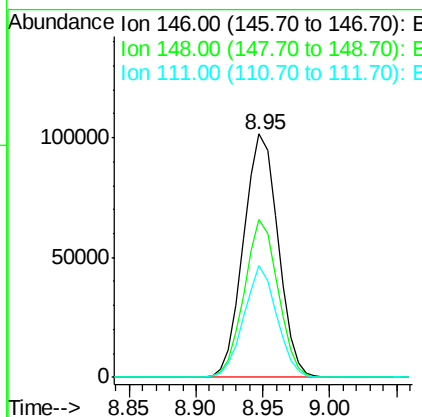
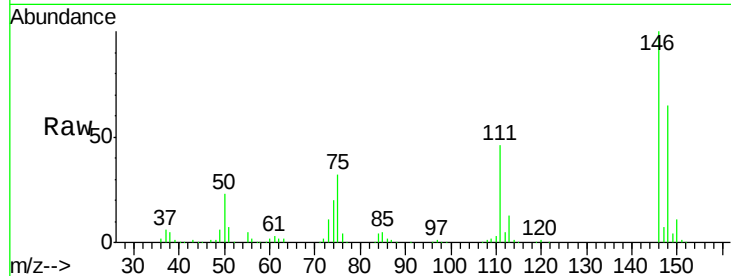
#13
1,4-Dichlorobenzene
Concen: 46.282 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.7	80.5
111	45.7	35.2	52.8

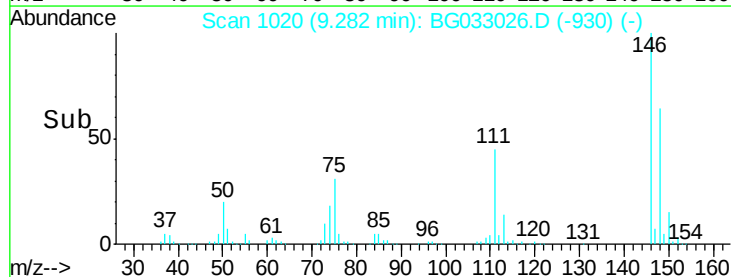
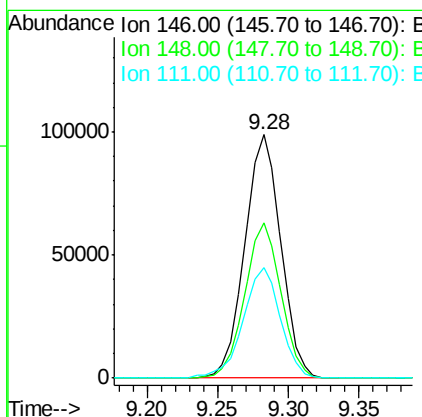
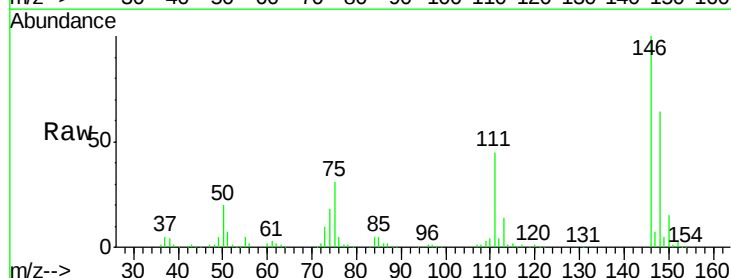
Manual Integrations
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3/7/2018 12:11:02 PM



#14
1,2-Dichlorobenzene
Concen: 46.885 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.3	73.9
111	45.2	34.3	51.5





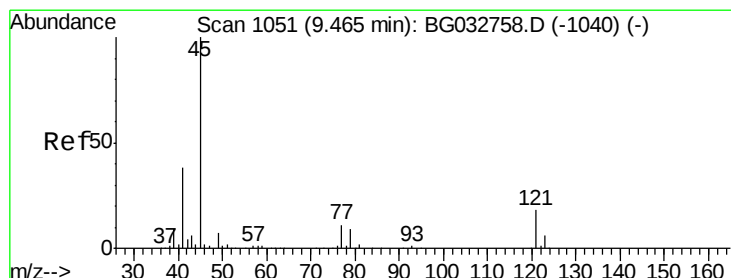
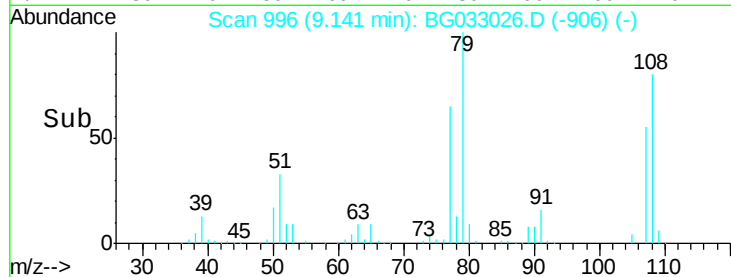
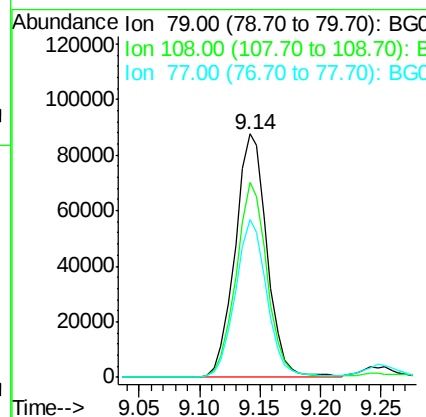
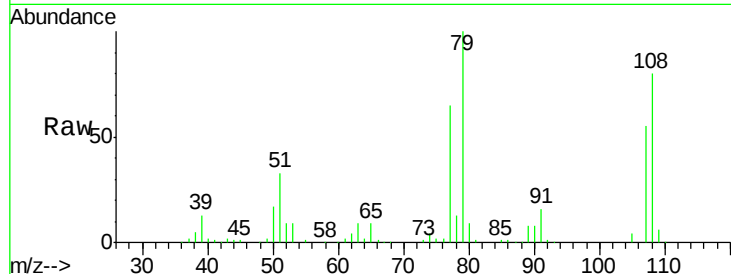
#15
Benzyl Alcohol
Concen: 51.652 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	57.2	85.8
77	65.1	46.1	69.1

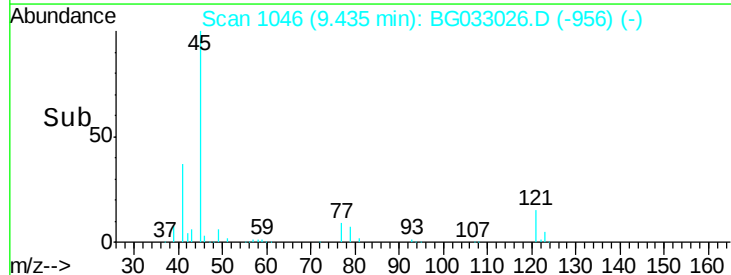
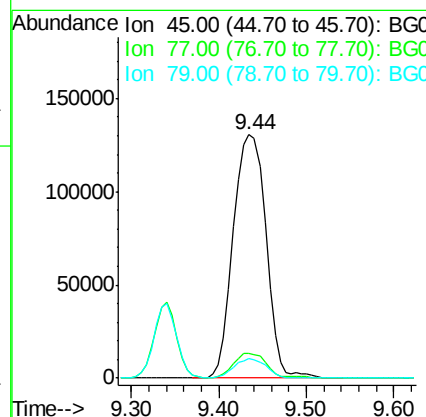
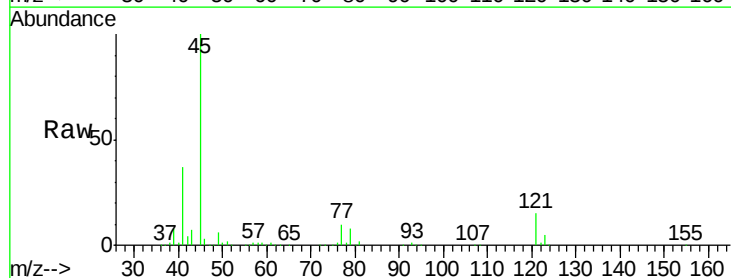
Manual Integrations
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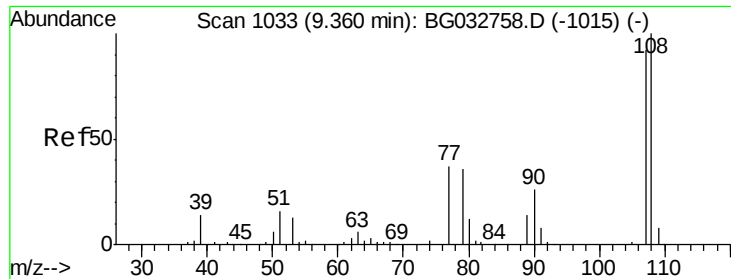
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#16
2,2'-oxybis(1-chloropropane)
Concen: 54.872 ng
RT: 9.44 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.2
79	7.9	0.0	27.9





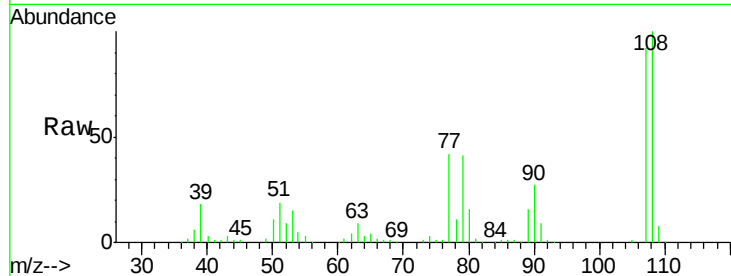
#17
2-Methylphenol
Concen: 50.513 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

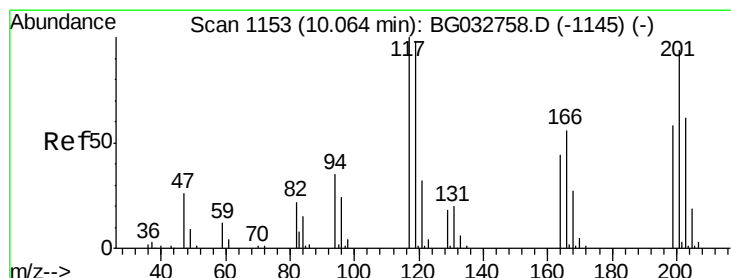
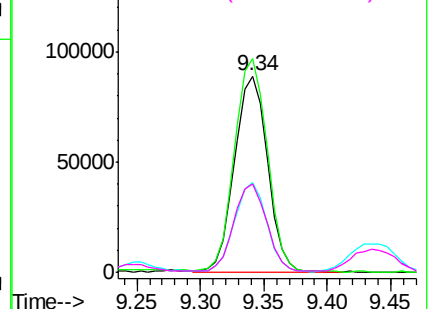
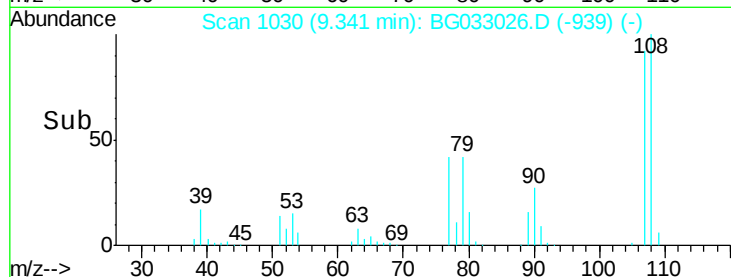
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	83.9	125.9	
77	46.0	37.2	55.8	
79	45.1	36.2	54.2	

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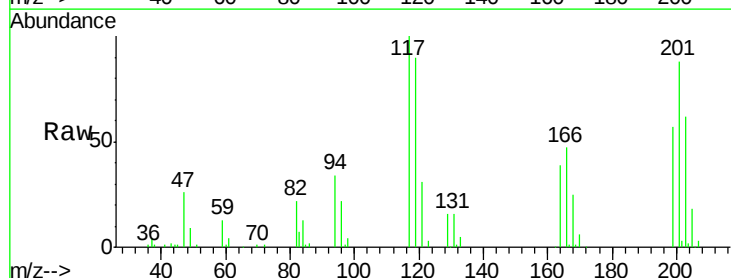


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

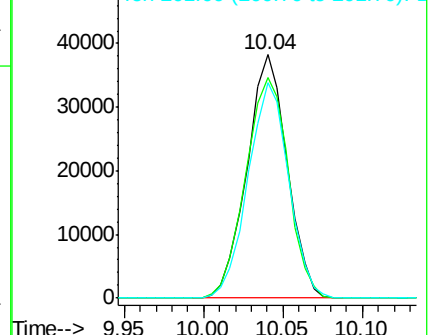
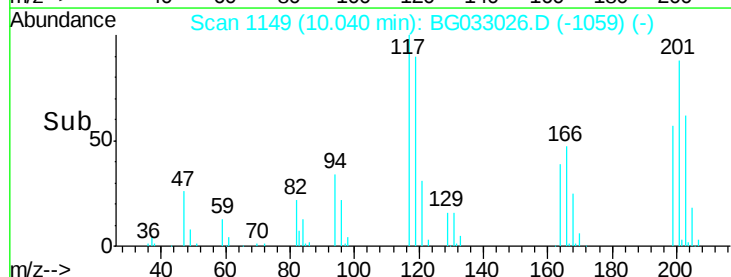


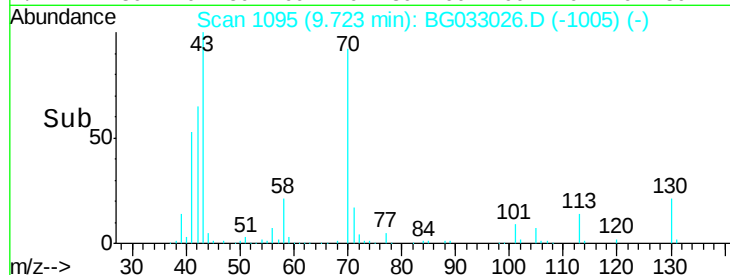
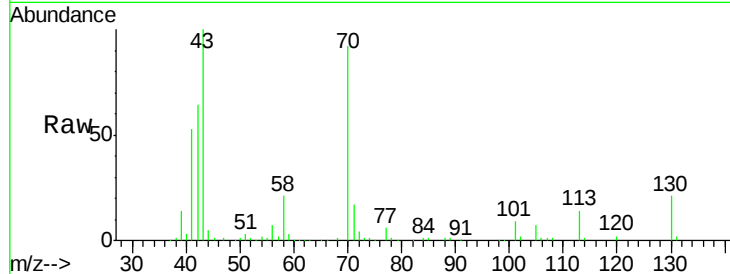
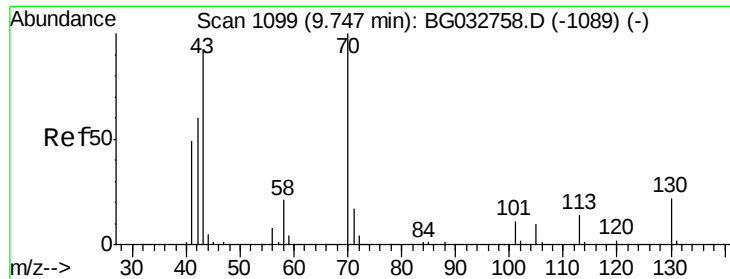
#18
Hexachloroethane
Concen: 50.249 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	76.7	115.1	
201	88.3	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





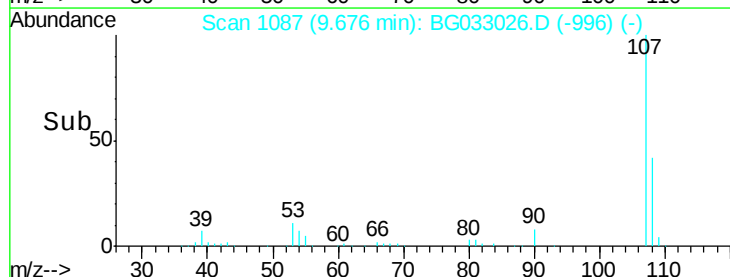
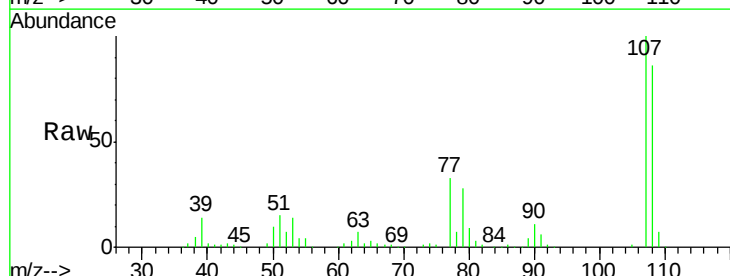
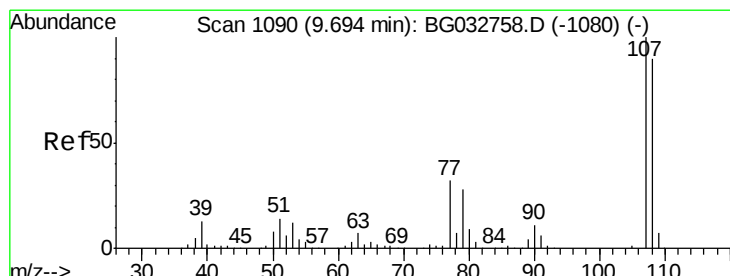
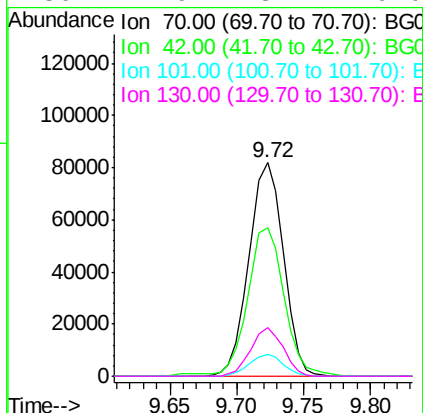
#19
n-Nitroso-di-n-propylamine
Concen: 48.774 ng
RT: 9.72 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.8	49.1	73.7	
101	10.2	8.5	12.7	
130	22.9	13.4	20.0	

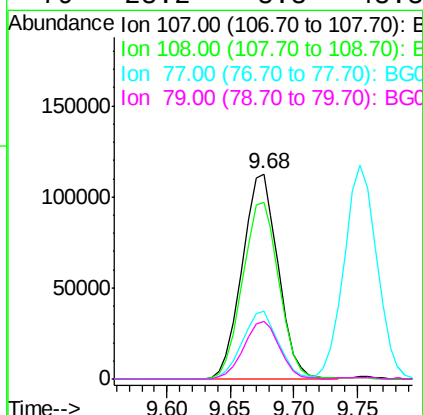
Manual Integrations
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#20
3+4-Methylphenols
Concen: 50.570 ng
RT: 9.68 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	61.6	101.6	
77	32.8	13.9	53.9	
79	28.2	8.8	48.8	





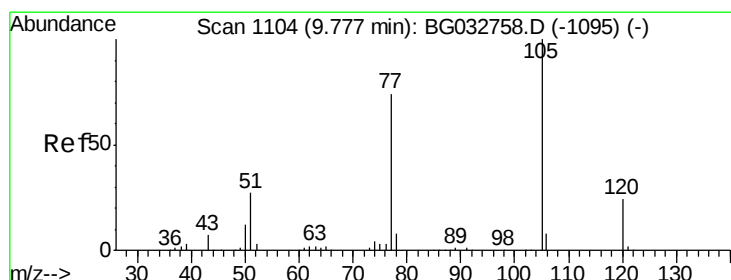
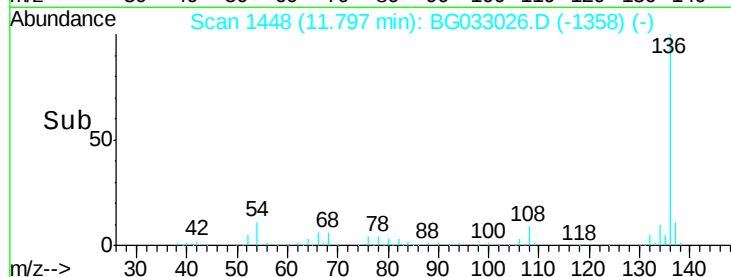
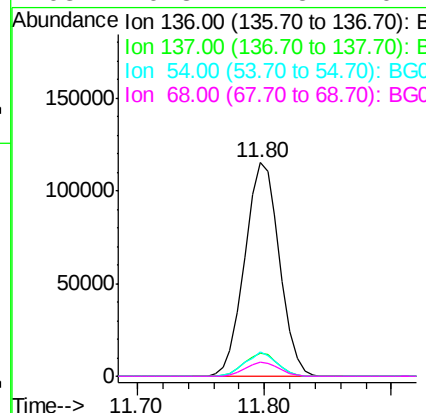
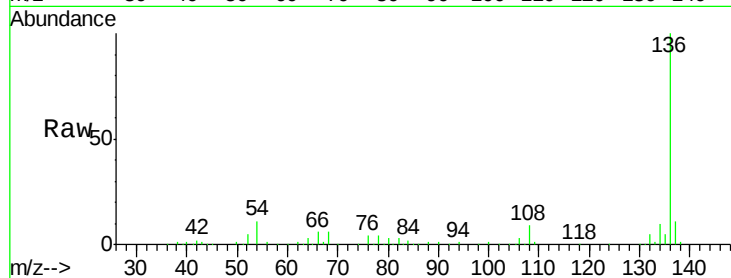
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	11.3	10.3	15.5
68	6.3	4.5	6.7

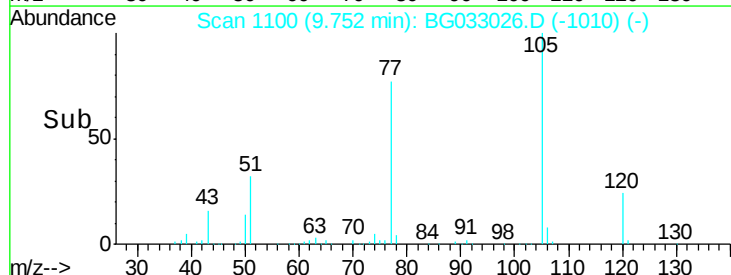
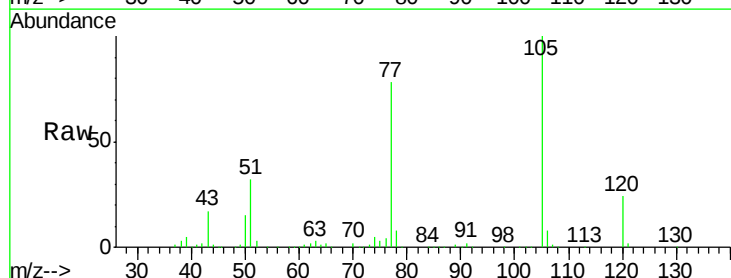
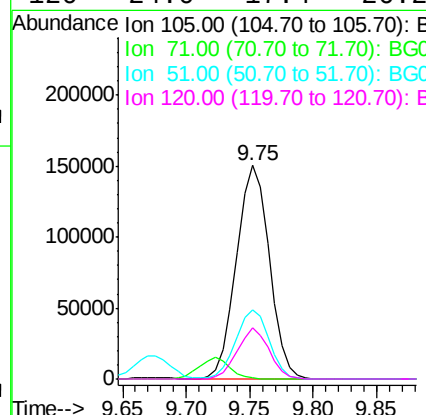
Manual Integrations
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#22
Acetophenone
Concen: 49.228 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	32.5	26.1	39.1
120	24.0	17.4	26.2





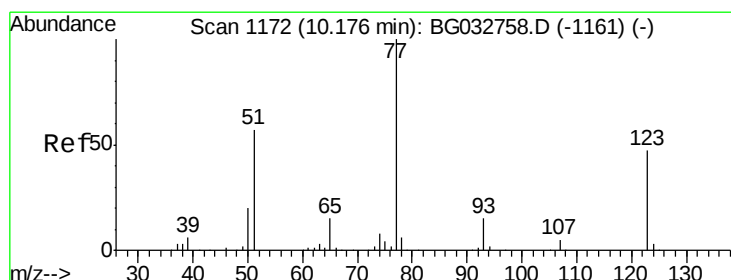
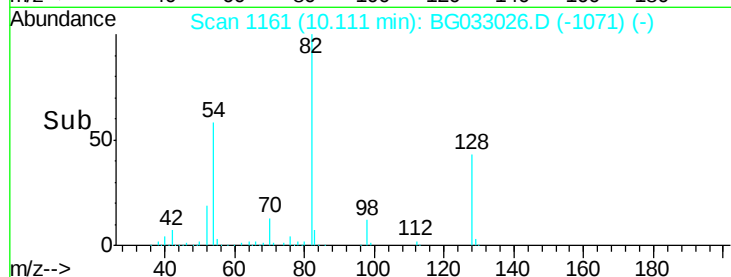
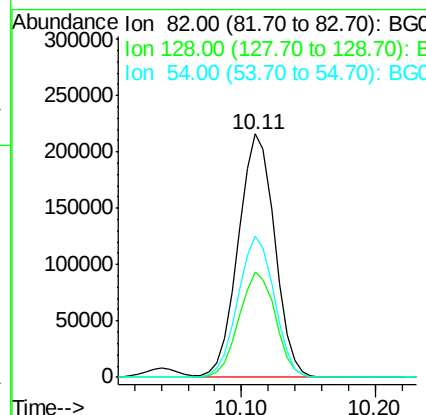
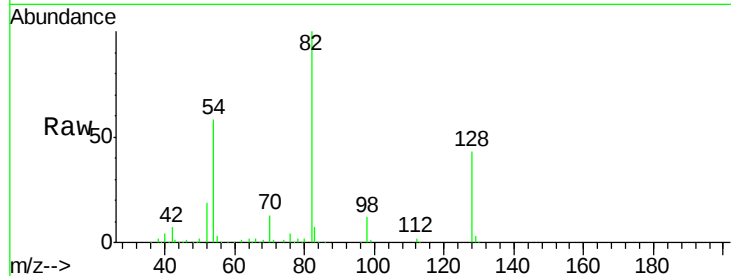
#23
 Nitrobenzene-d5
 Concen: 124.644 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	58.2	43.1	64.7

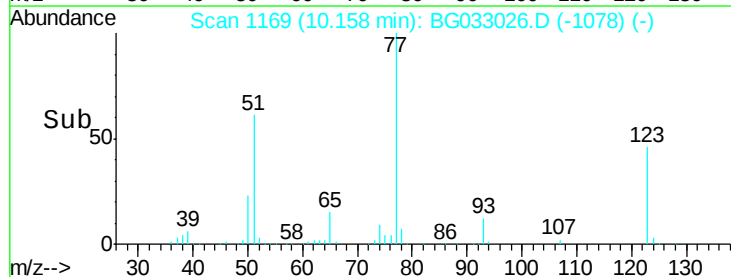
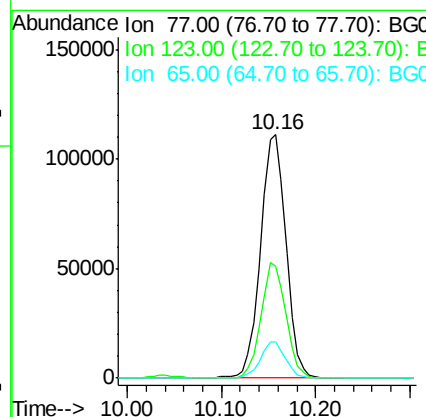
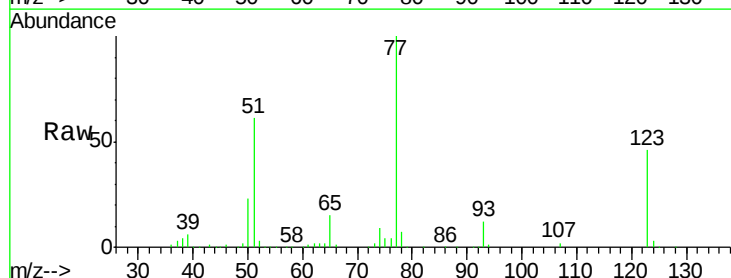
Manual Integrations
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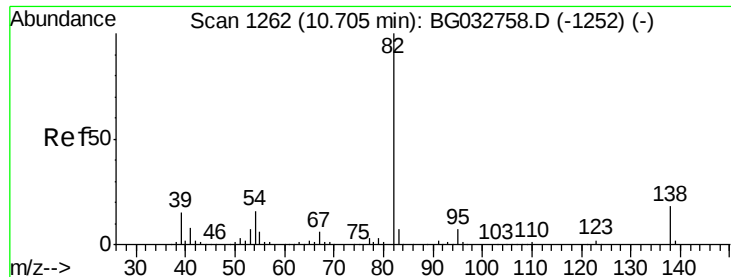
Sohil
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#24
 Nitrobenzene
 Concen: 58.177 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	33.0	49.6
65	14.7	13.0	19.6





#25

Isophorone

Concen: 53.267 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

ClientSampleId :

BALER-SOILMSD

Tot Ion: 82 Resp: 407626

Ion Ratio Lower Upper

82 100

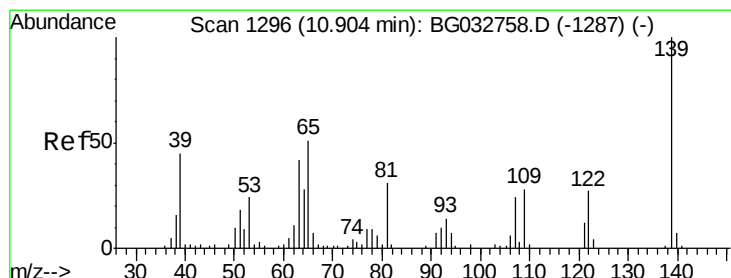
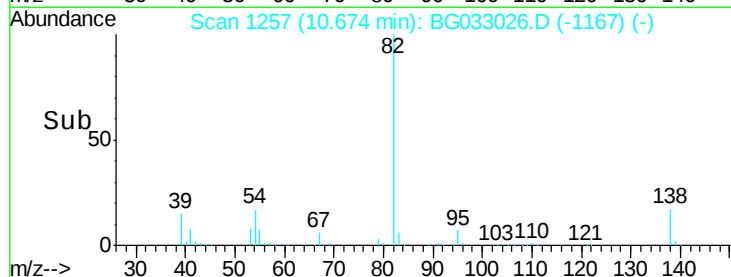
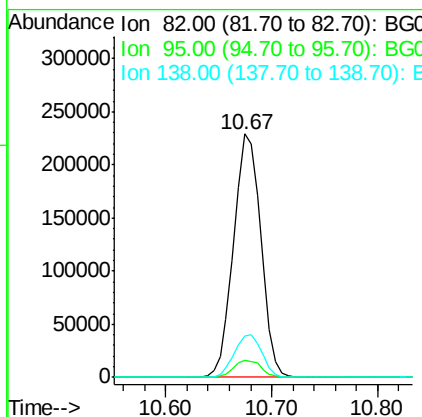
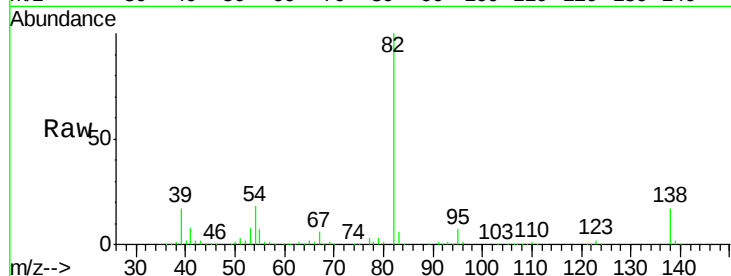
95 7.1 6.2 9.2

138 17.0 12.1 18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 70.257 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

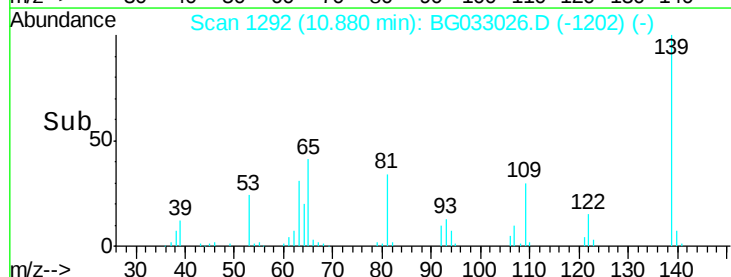
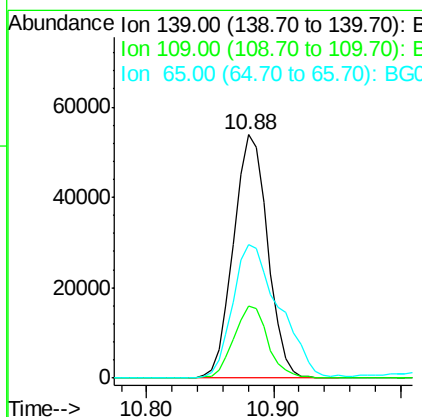
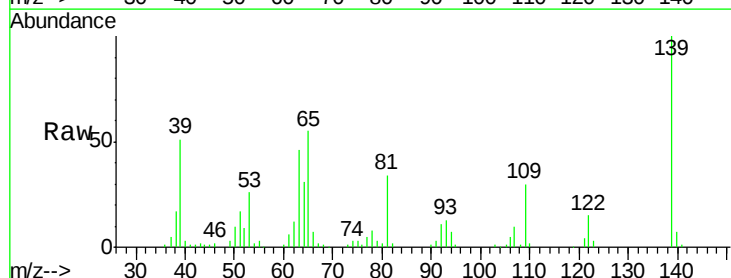
Tgt Ion: 139 Resp: 100419

Ion Ratio Lower Upper

139 100

109 29.6 24.2 36.2

65 54.7 47.4 71.0





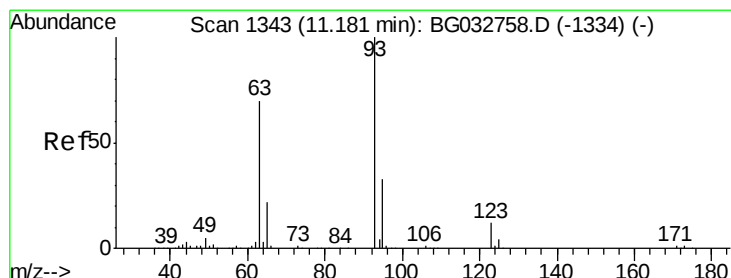
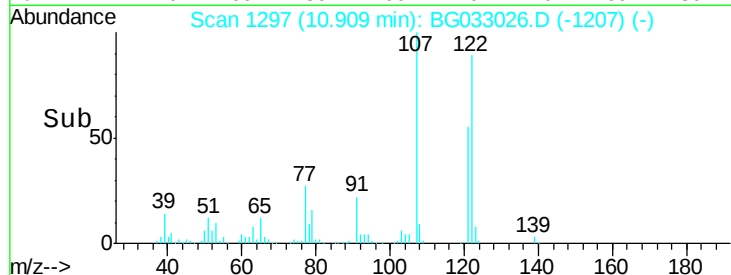
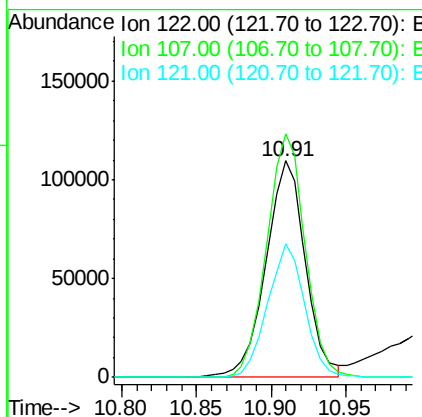
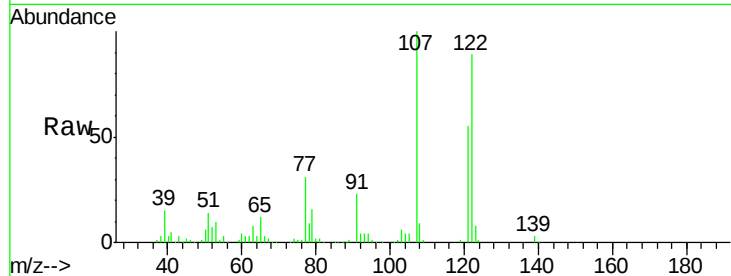
#27
 2,4-Dimethylphenol
 Concen: 60.610 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	100.2	150.2
121	61.5	44.4	66.6

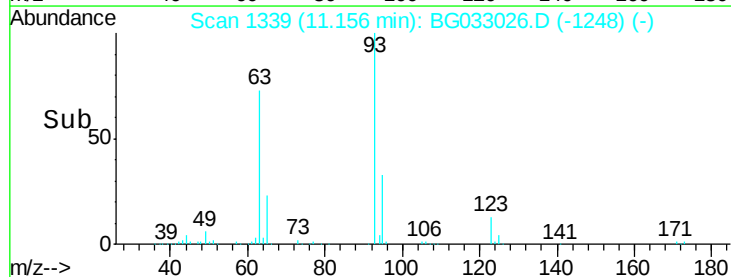
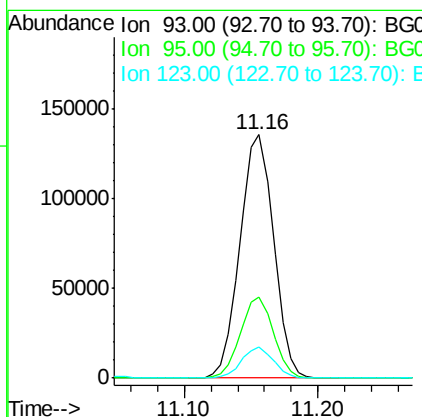
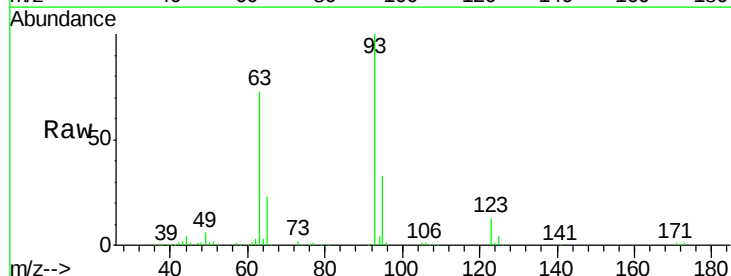
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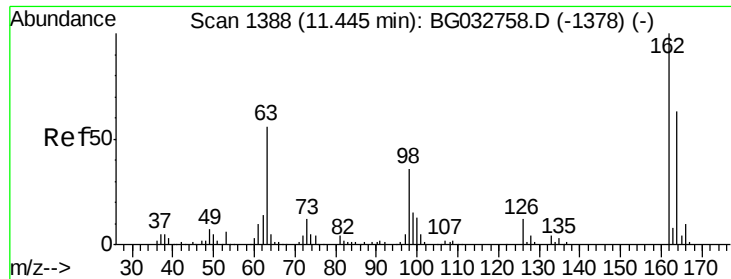
Sohil
 3/7/2018 12:11:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.016 ng
 RT: 11.16 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.3	36.5
123	12.8	8.4	12.6





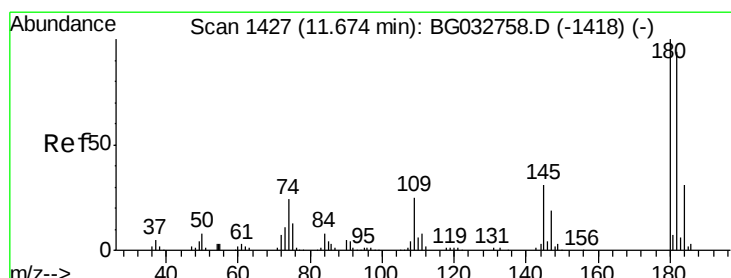
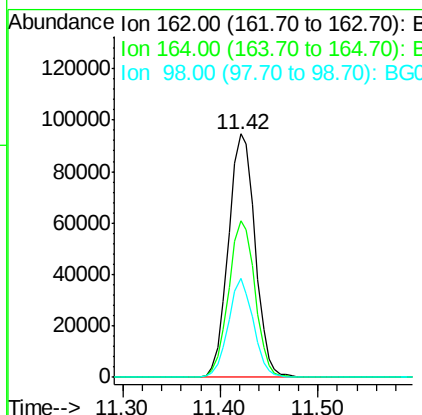
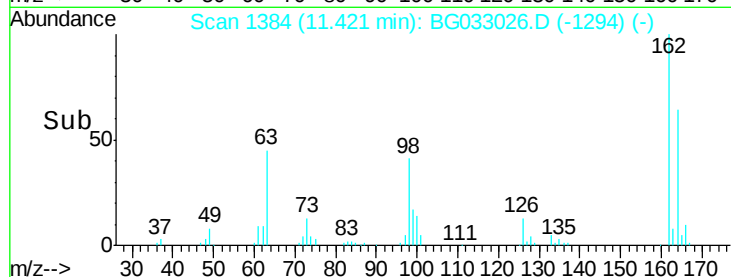
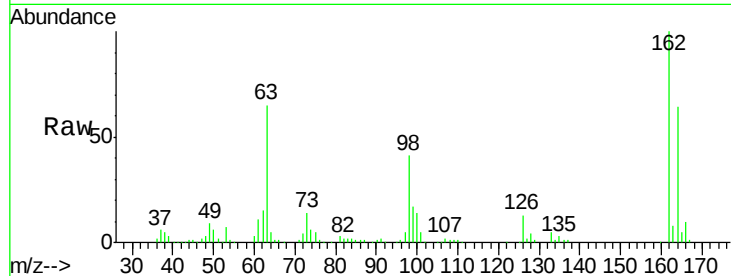
#29
2,4-Dichlorophenol
Concen: 59.528 ng
RT: 11.42 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	40.6	21.1	61.1

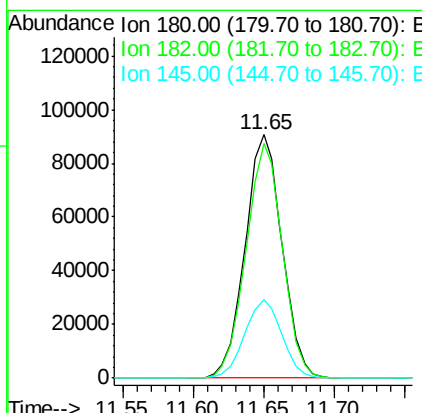
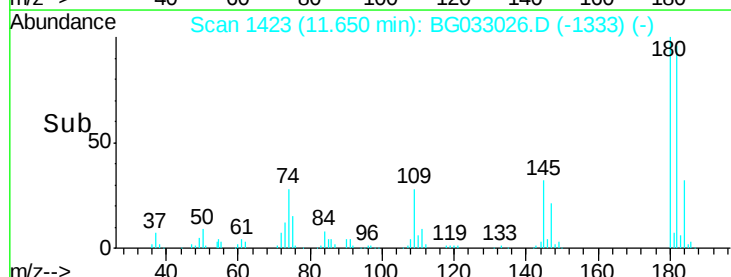
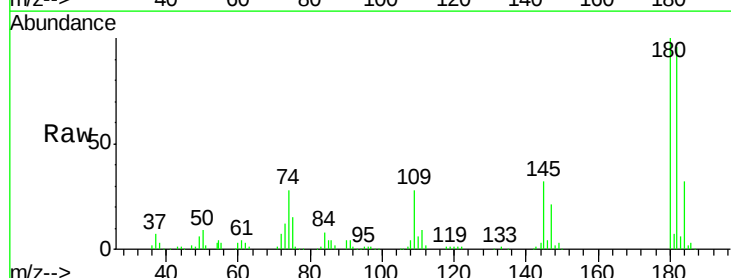
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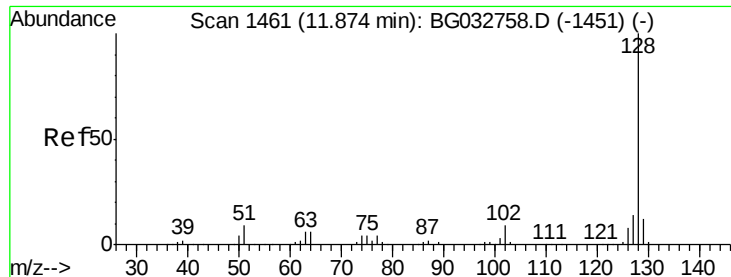
Sohil
3/7/2018 12:11:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.891 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.5	116.3
145	32.3	23.4	35.2





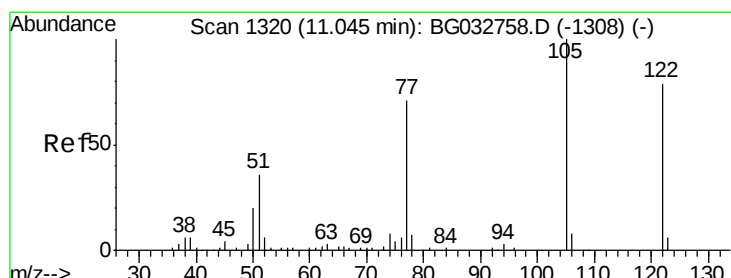
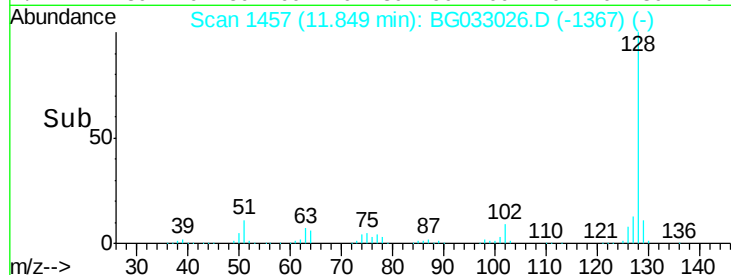
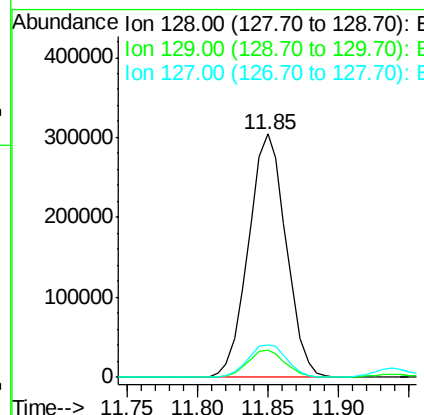
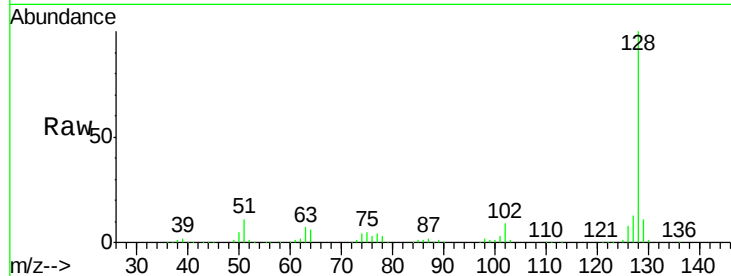
#31
Naphthalene
Concen: 49.837 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.4	11.6	17.4

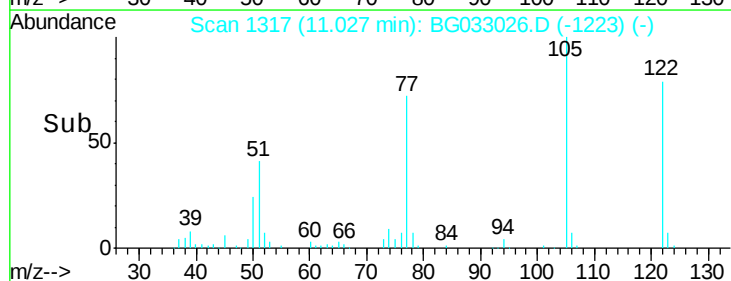
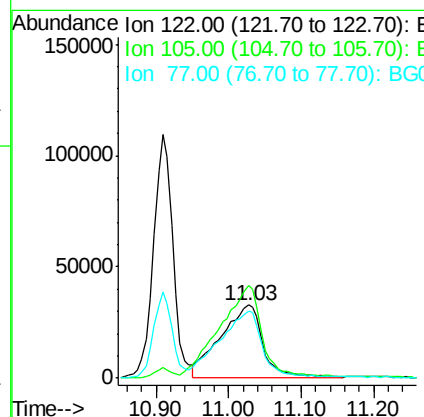
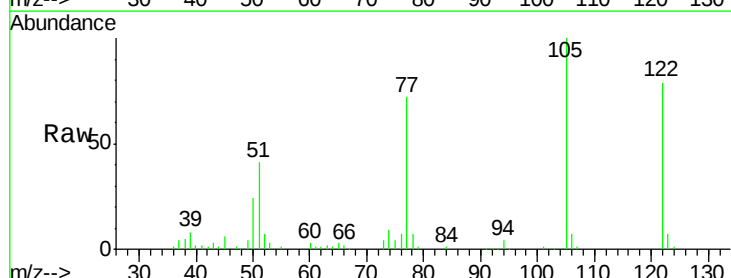
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#32
Benzoic acid
Concen: 59.088 ng
RT: 11.03 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	123.5	163.5
77	92.0	85.7	125.7





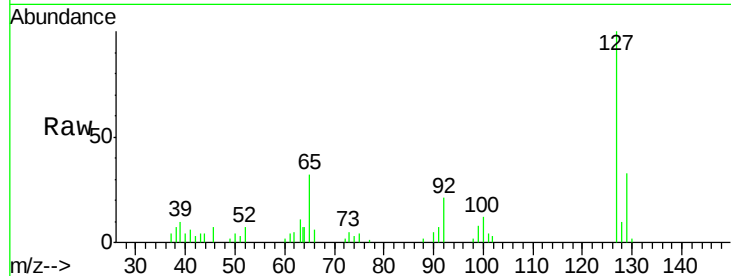
#33
4-Chloroaniline
Concen: 4.482 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

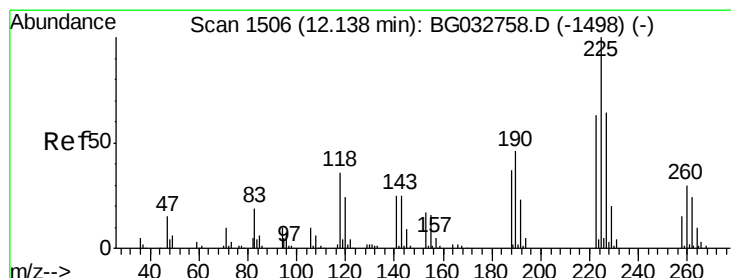
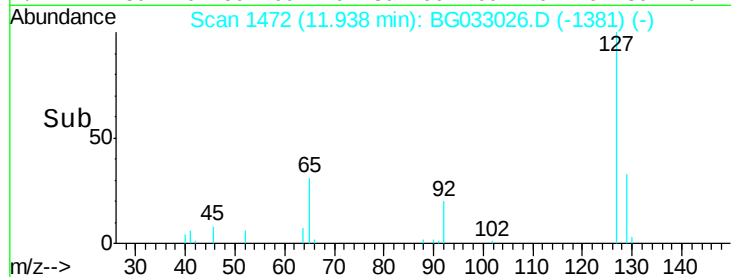
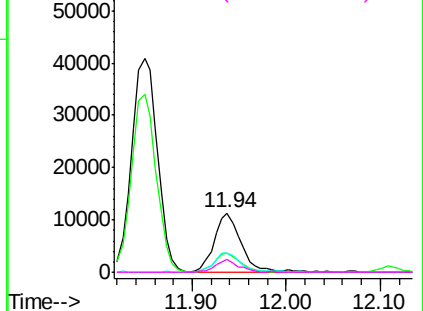
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	24.0	36.0		
65	32.1	27.0	40.4		
92	20.8	16.6	25.0		

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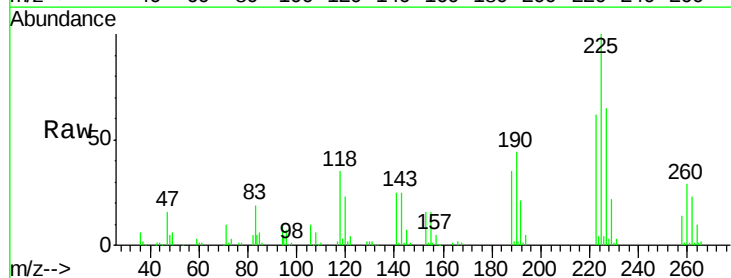


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

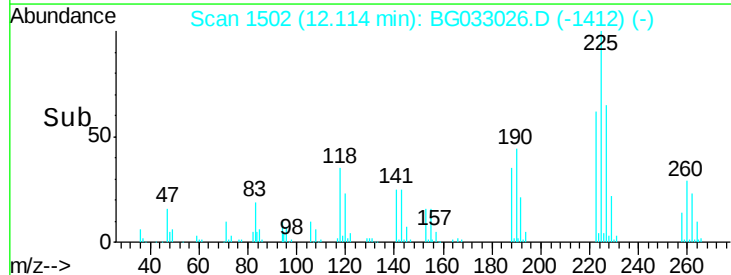
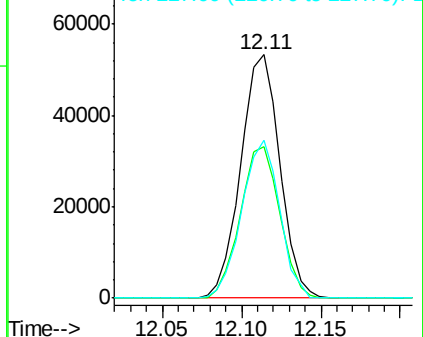


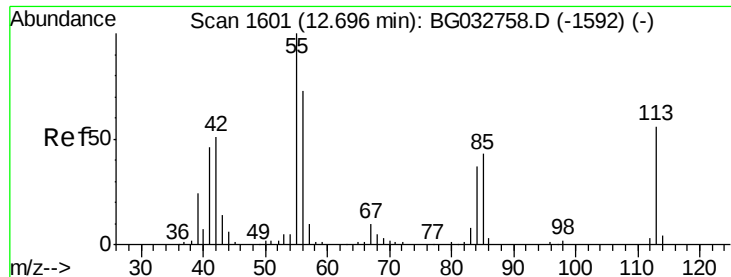
#34
Hexachlorobutadiene
Concen: 46.152 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.7	74.5		
227	64.9	48.1	72.1		



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





#35

Caprolactam

Concen: 48.826 ng

RT: 12.68 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

ClientSampleId :

BALER-SOILMSD

Tot Ion:113 Resp: 58987

Ion Ratio Lower Upper

113 100

55 202.4 186.9 226.9

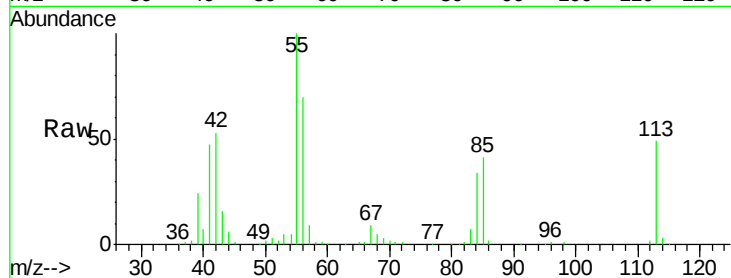
56 140.8 130.9 170.9

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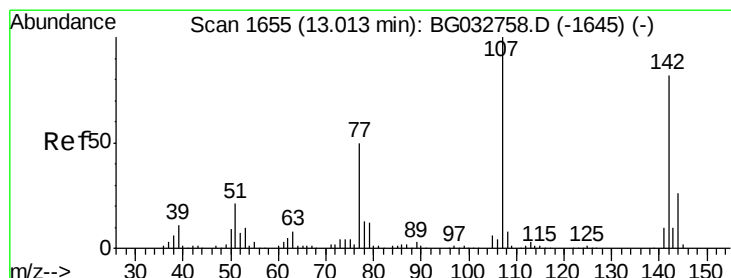
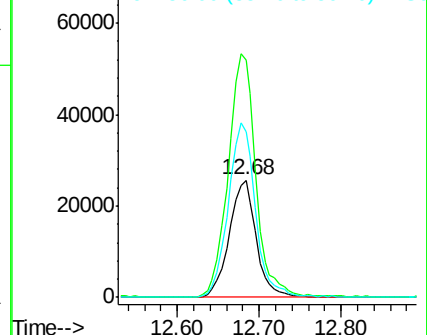
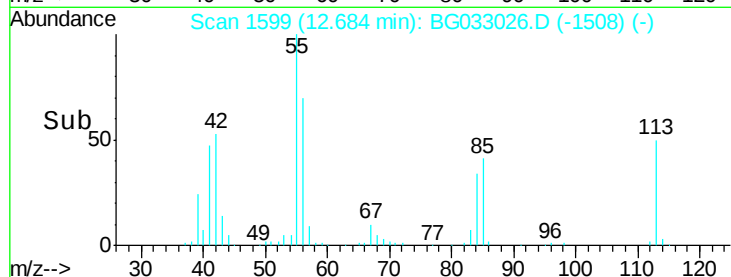
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 63.452 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

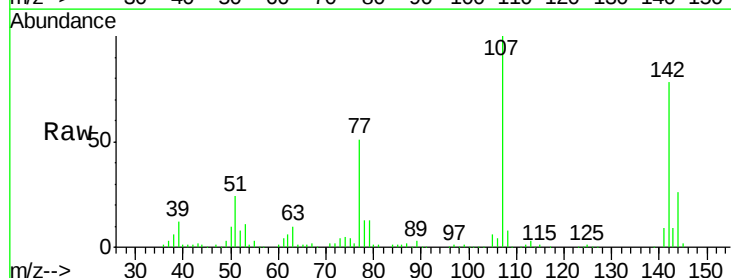
Tgt Ion:107 Resp: 222786

Ion Ratio Lower Upper

107 100

144 25.9 18.2 27.4

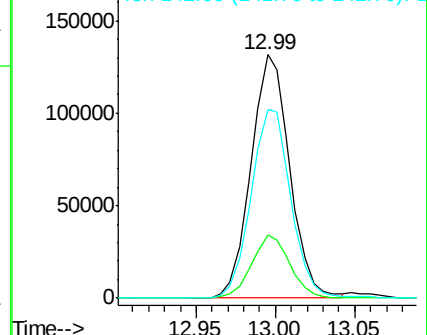
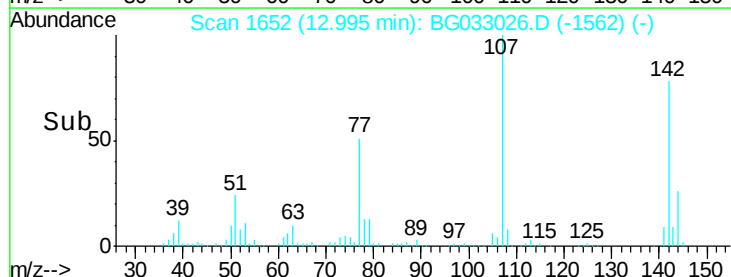
142 77.5 59.0 88.4

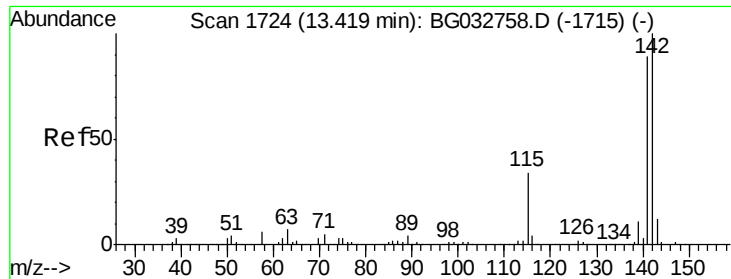


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





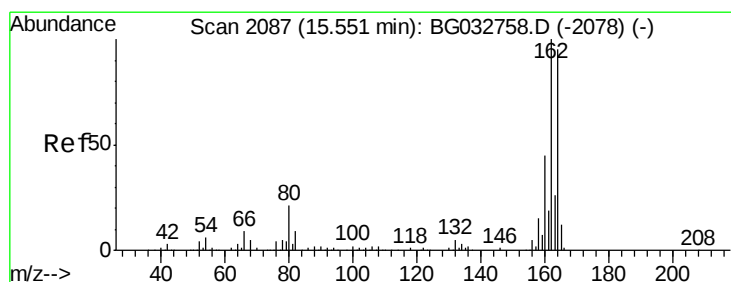
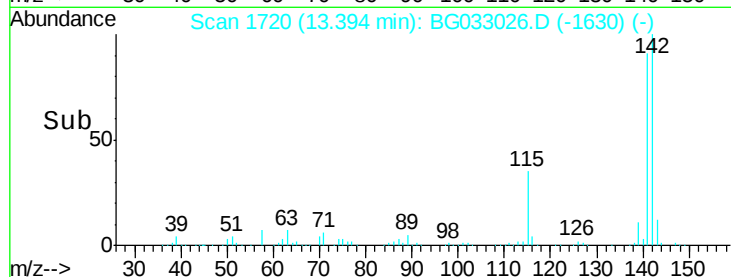
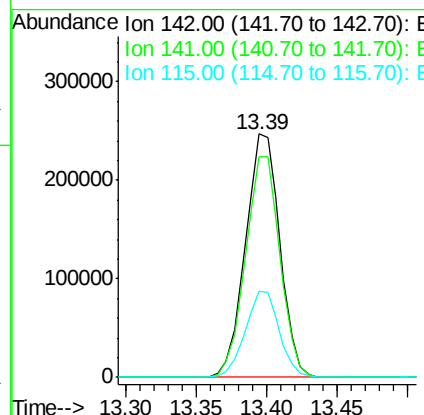
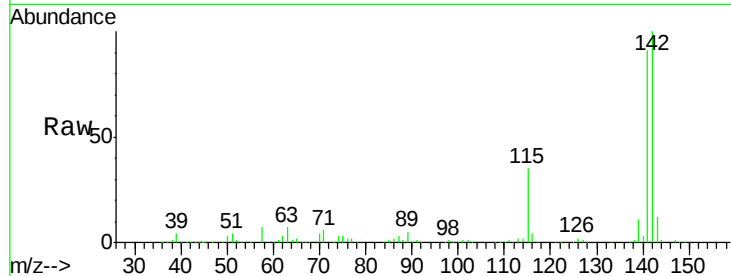
#37
2-Methylnaphthalene
Concen: 51.114 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	35.4	30.7	46.1

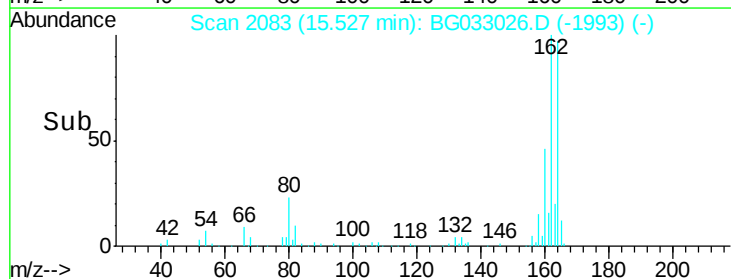
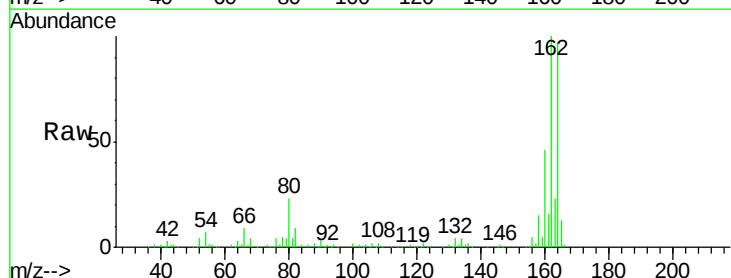
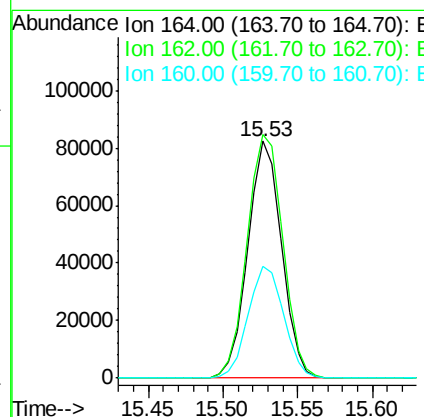
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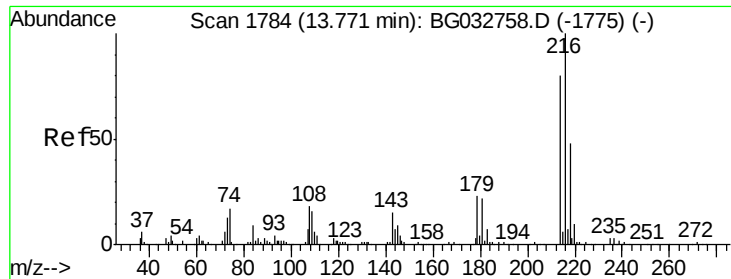
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	47.0	35.4	53.0





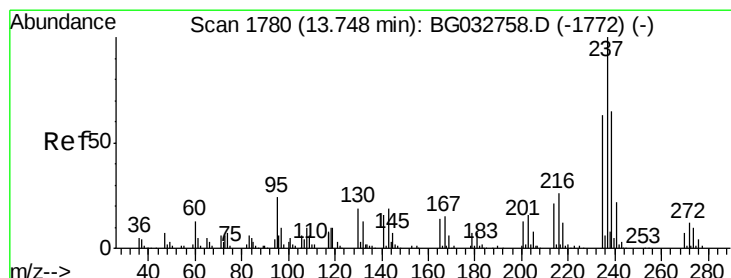
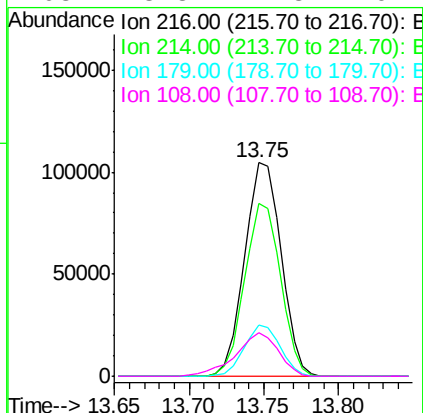
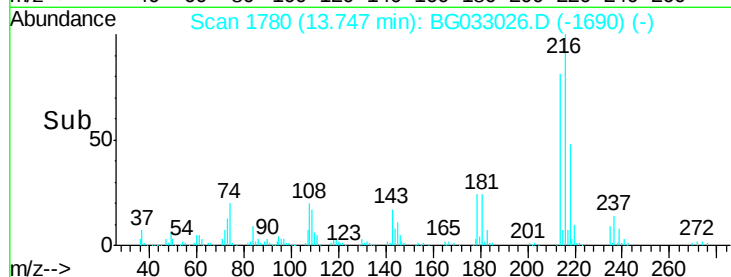
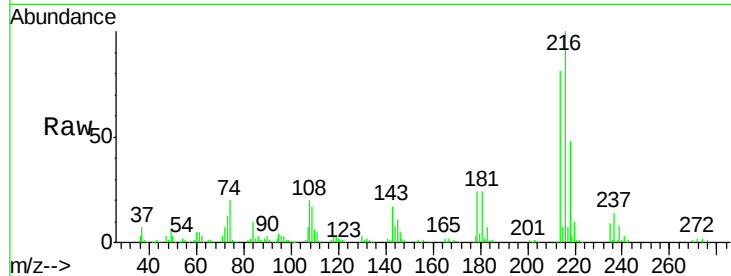
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.316 ng
 RT: 13.75 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.5	17.0	25.6
108	23.8	12.8	19.2

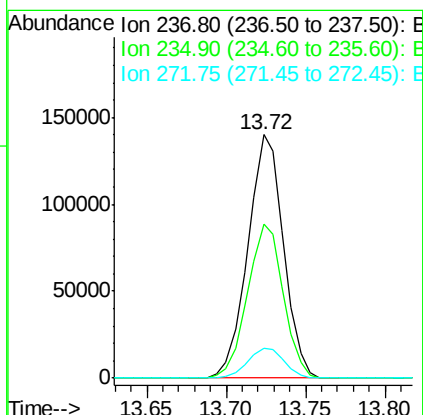
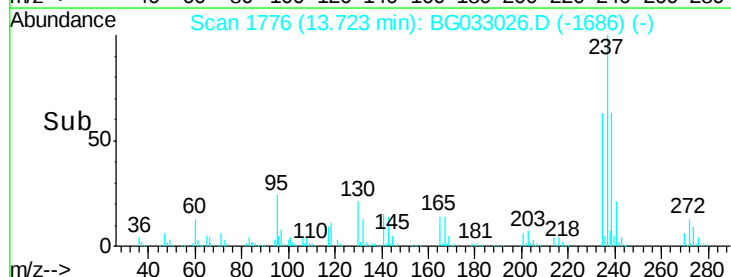
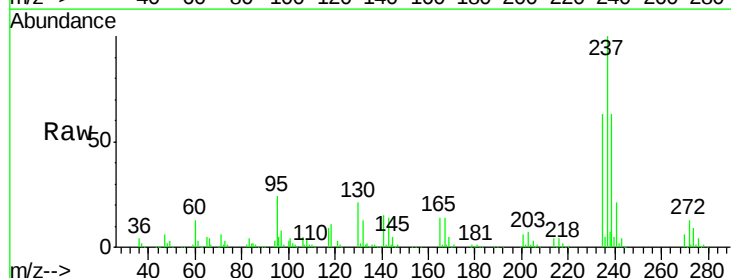
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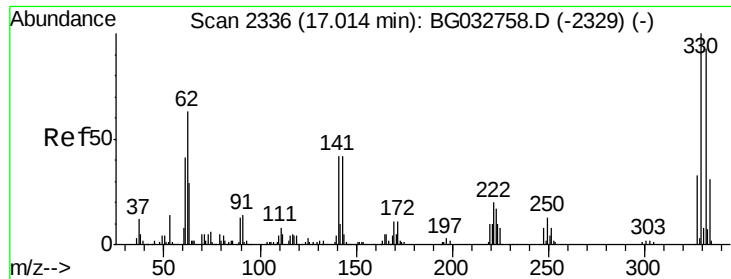
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#40
 Hexachlorocyclopentadiene
 Concen: 111.911 ng
 RT: 13.72 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	50.4	90.4
272	12.5	0.0	31.8





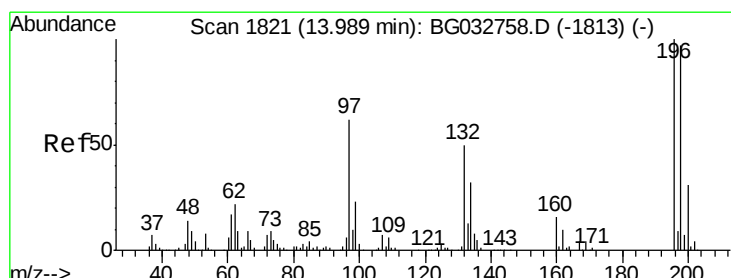
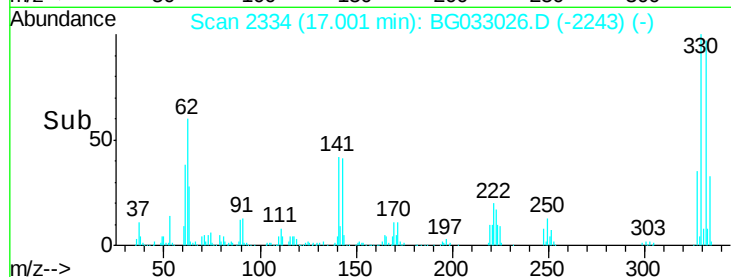
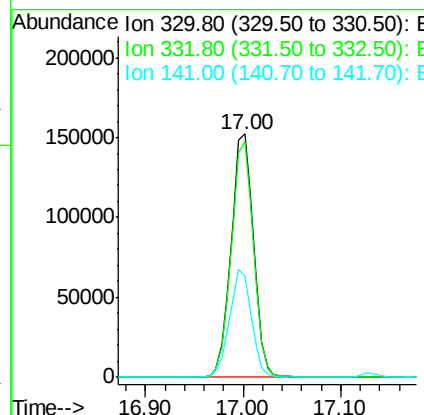
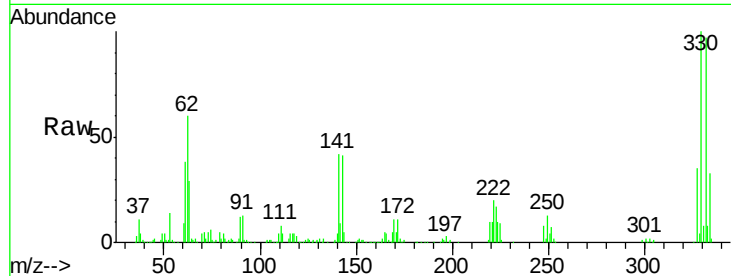
#41
 2,4,6-Tribromophenol
 Concen: 179.355 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	43.7	25.2	37.8

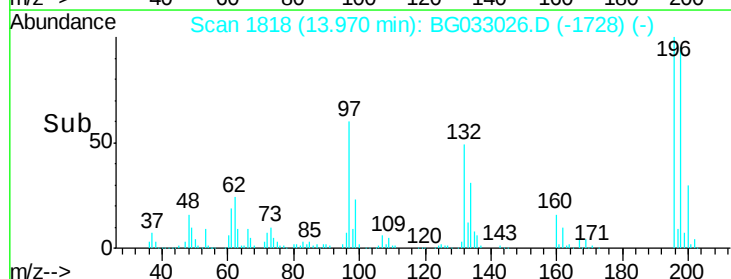
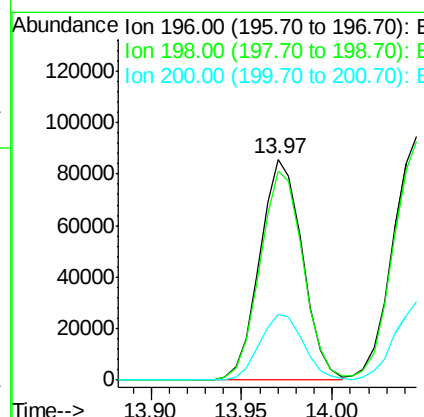
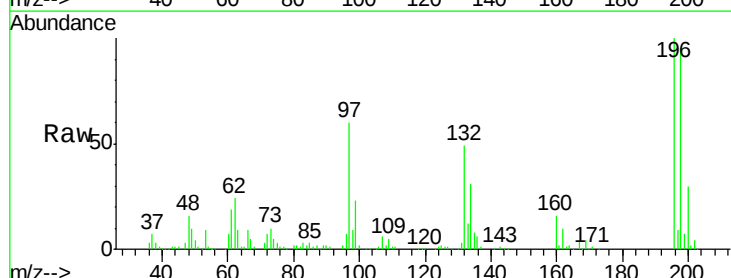
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#42
 2,4,6-Trichlorophenol
 Concen: 58.264 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.2	117.2
200	29.8	24.6	36.8





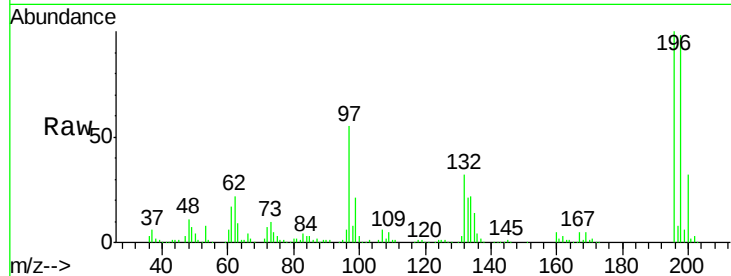
#43
 2,4,5-Trichlorophenol
 Concen: 56.617 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.8	76.2	114.4
97	54.6	38.7	58.1
132	31.5	20.2	30.2

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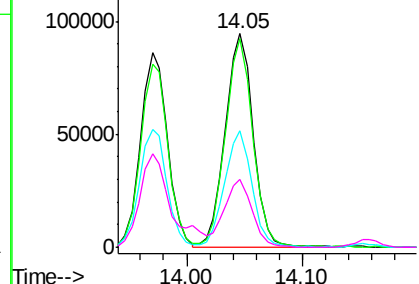
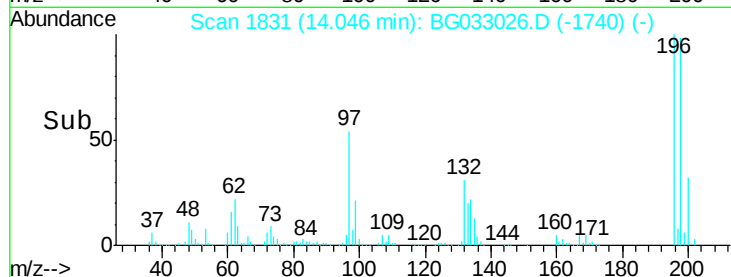
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

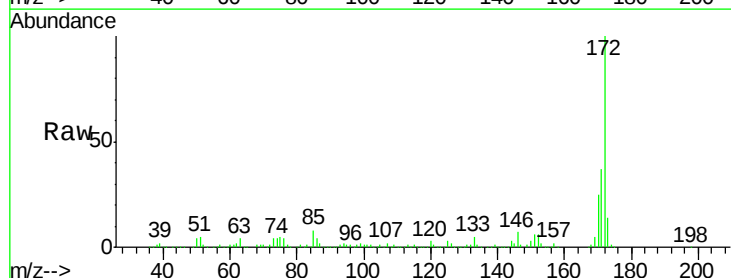
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.734 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	37.5	30.0	45.0
170	25.1	19.5	29.3

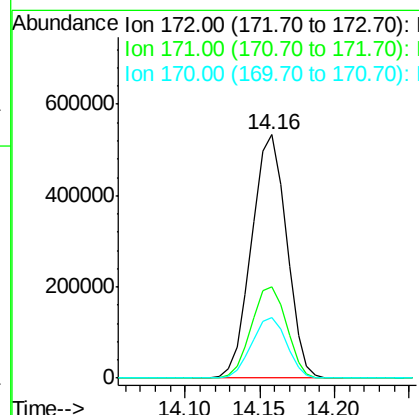
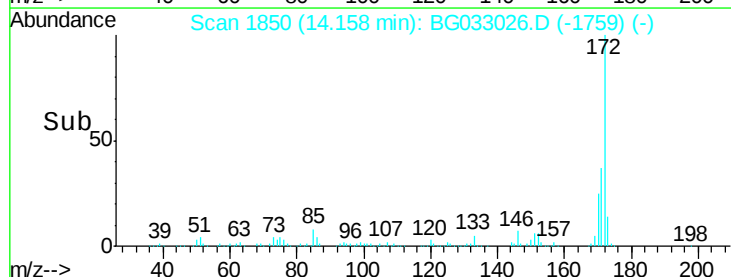


Abundance

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





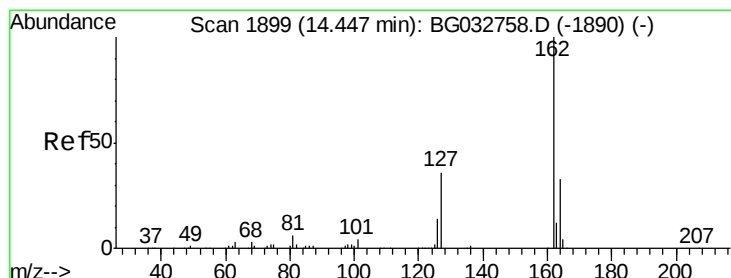
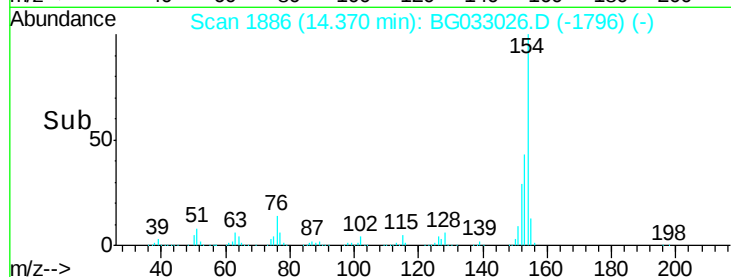
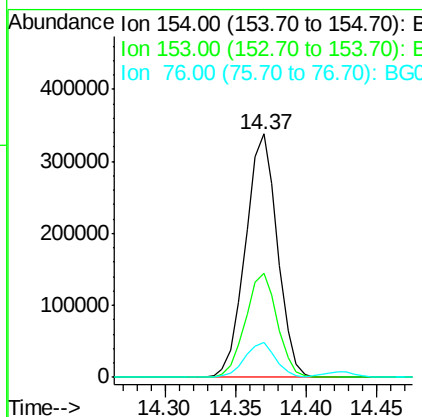
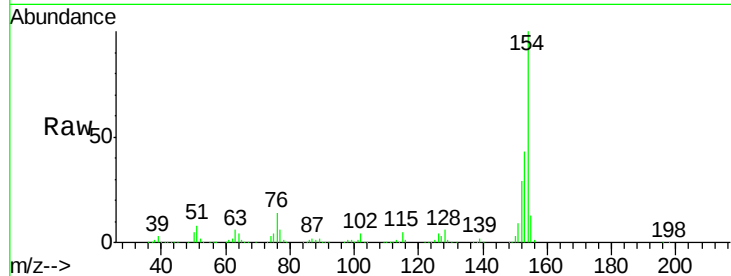
#45
 1,1'-Biphenyl
 Concen: 47.577 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion:	154	Resp:	534994
Ion Ratio	Lower	Upper	
154	100		
153	43.0	19.8	59.8
76	14.1	0.0	31.9

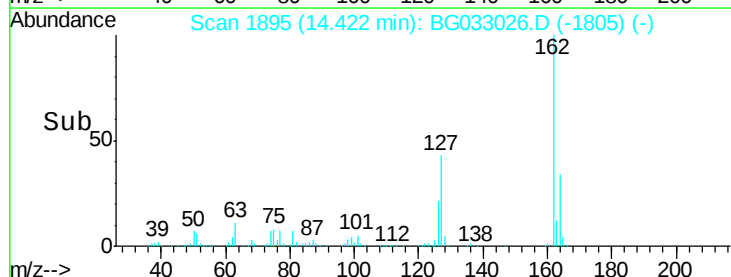
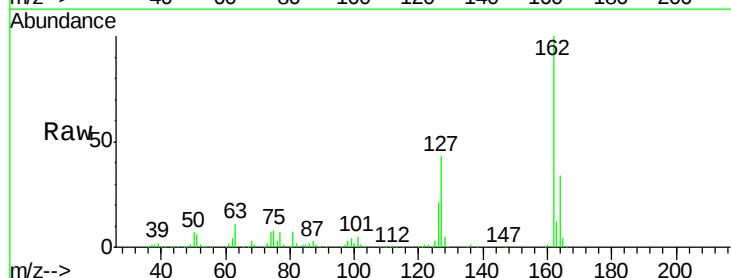
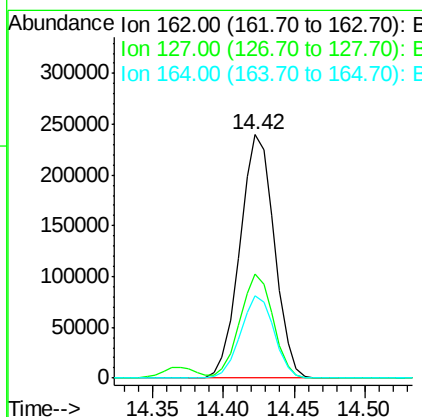
Manual Integrations
 APPROVED

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#46
 2-Chloronaphthalene
 Concen: 48.646 ng
 RT: 14.42 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion:	162	Resp:	408617
Ion Ratio	Lower	Upper	
162	100		
127	42.7	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 66.587 ng

RT: 14.60 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

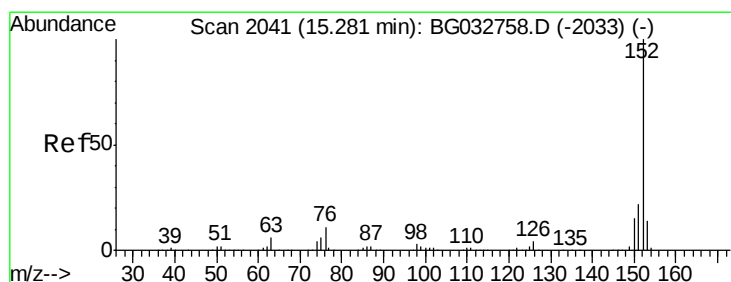
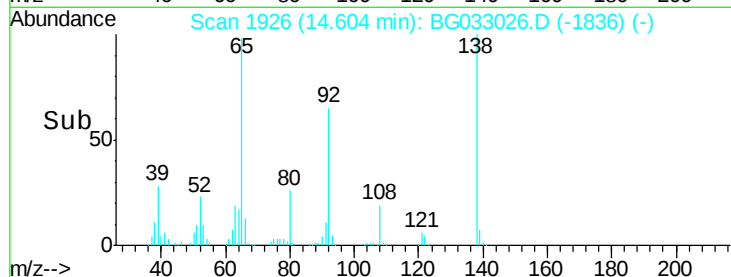
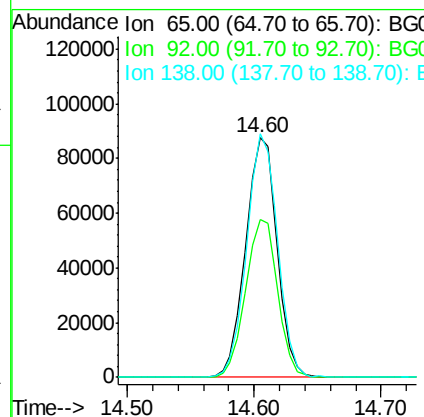
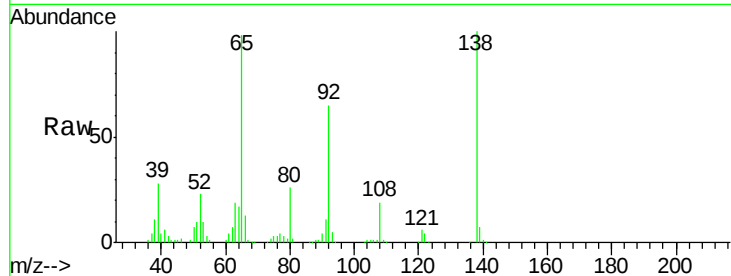
ClientSampleId :

BALER-SOILMSD

Tot Ion:	65	Resp:	151203
Ion Ratio	Lower	Upper	
65	100		
92	65.8	54.6	82.0
138	101.6	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 49.357 ng

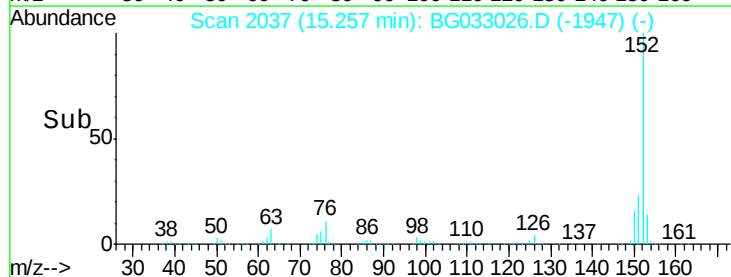
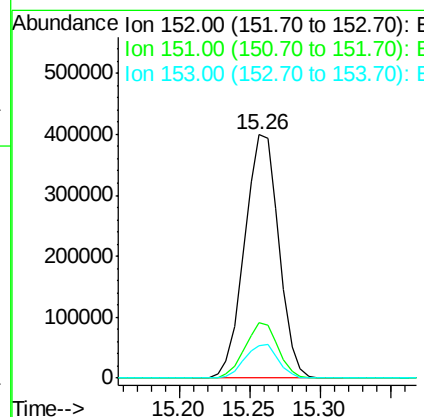
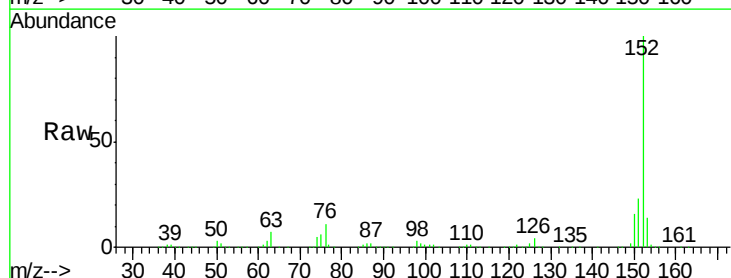
RT: 15.26 min Scan# 2037

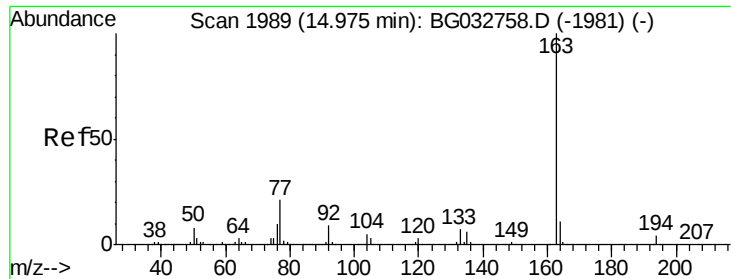
Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Tgt Ion:	152	Resp:	678775
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.2	25.8
153	13.6	10.2	15.4





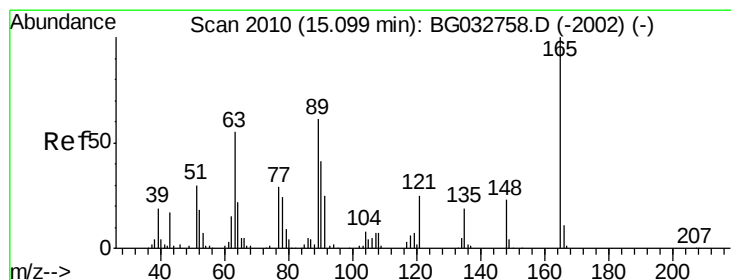
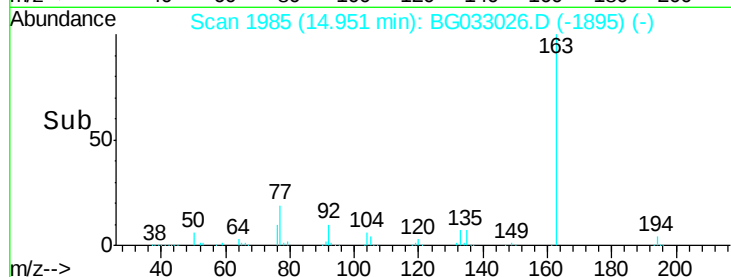
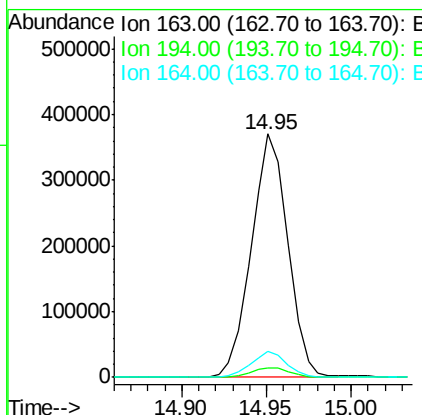
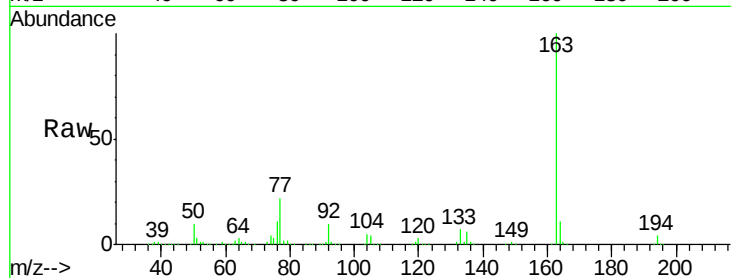
#49
Dimethylphthalate
Concen: 50.613 ng
RT: 14.95 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampled :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.6	8.2	12.4

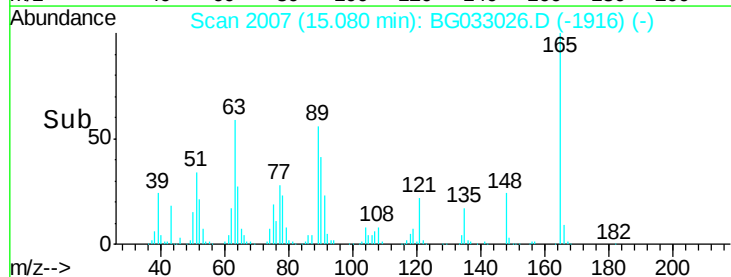
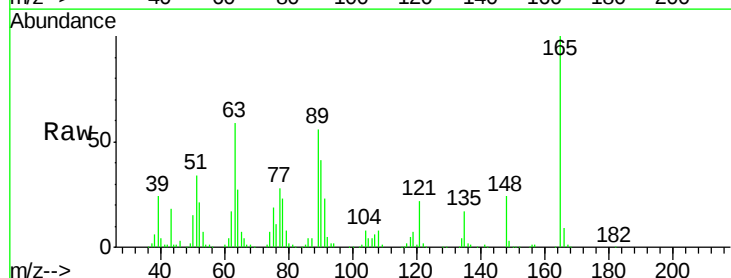
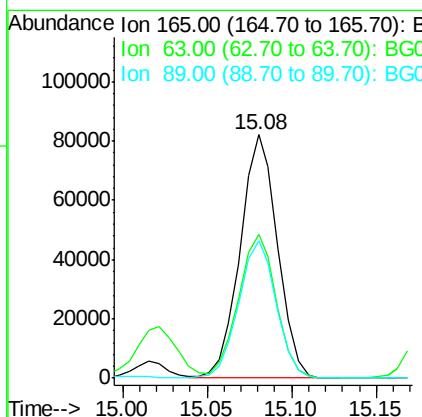
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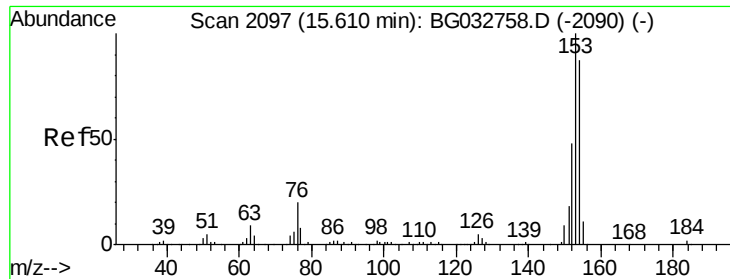
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#50
2,6-Dinitrotoluene
Concen: 65.757 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.3	52.7	79.1
89	56.3	49.2	73.8





#51

Acenaphthene

Concen: 57.211 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

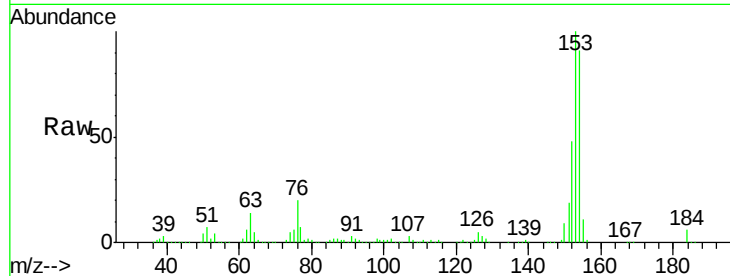
ClientSampleId :

BALER-SOILMSD

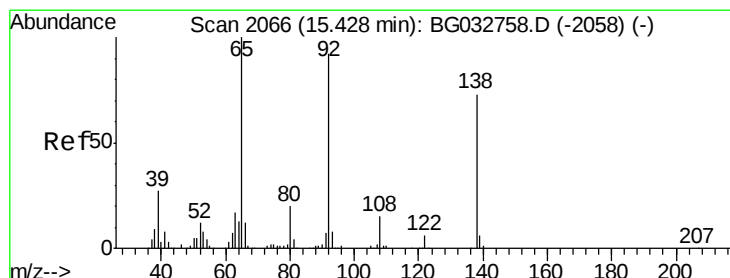
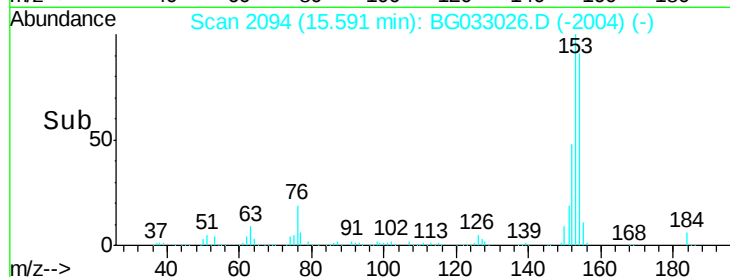
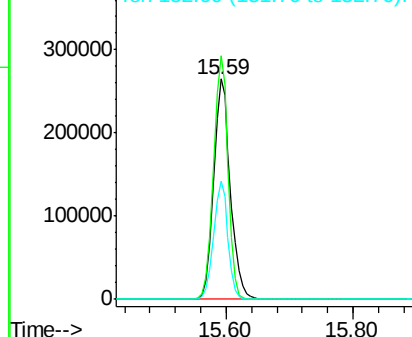
Tot Ion:	154	Resp:	489997
Ion Ratio	Lower	Upper	
154	100		
153	110.4	90.4	135.6
152	53.5	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.026 ng

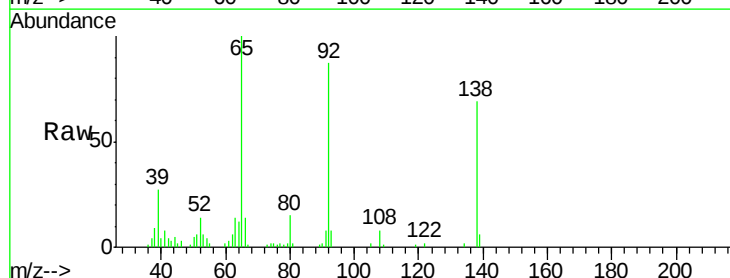
RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

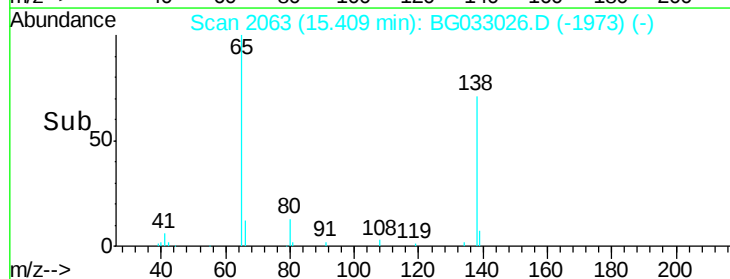
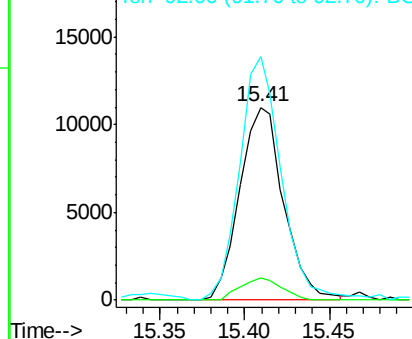
Lab File: BG033026.D

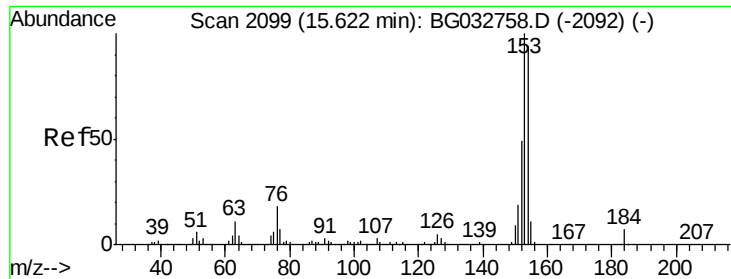
Acq: 6 Mar 2018 18:00

Tgt Ion:	138	Resp:	19863
Ion Ratio	Lower	Upper	
138	100		
108	11.4	17.5	26.3#
92	126.3	105.8	158.8



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





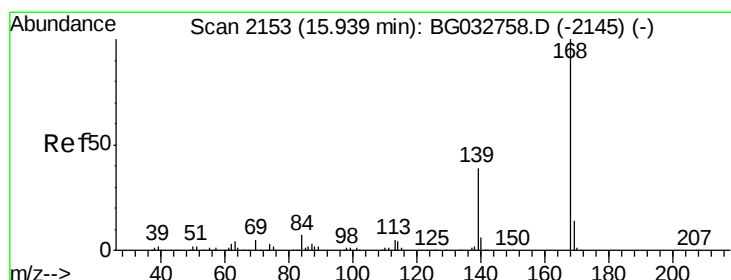
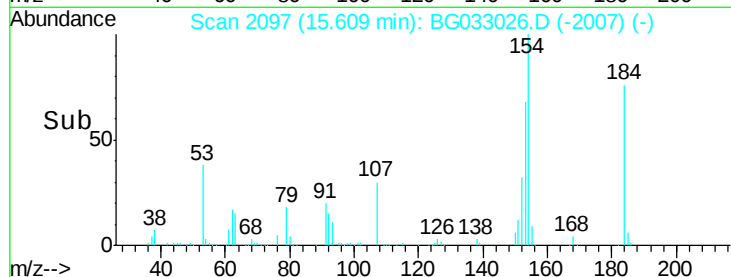
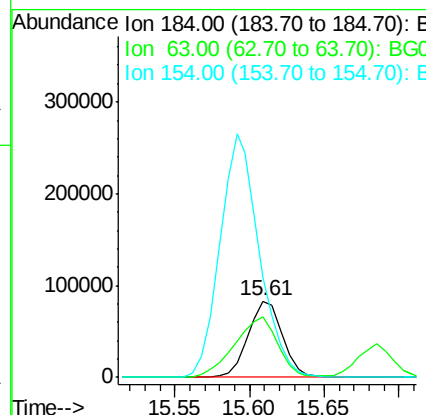
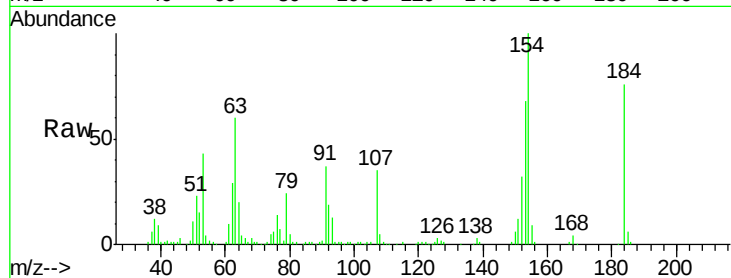
#53
2,4-Dinitrophenol
Concen: 165.571 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	78.7	59.8	89.8
154	132.1	101.8	152.8

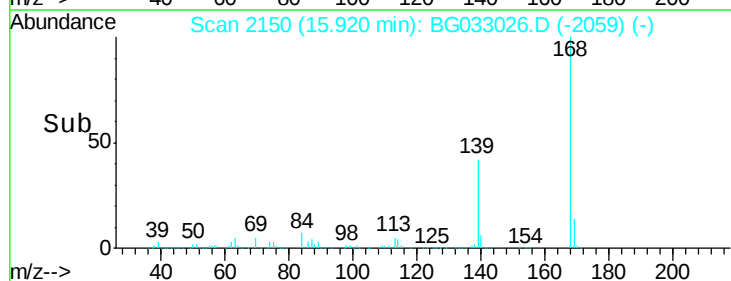
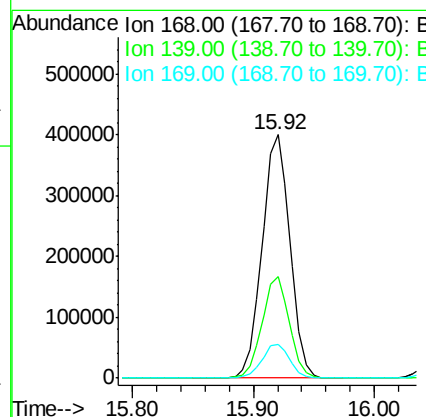
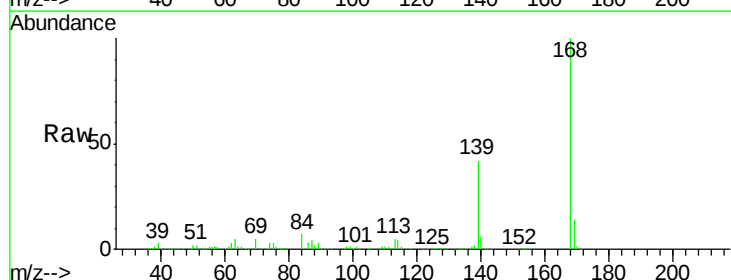
Manual Integrations
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#54
Dibenzofuran
Concen: 52.444 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.9	28.6	43.0
169	14.0	11.2	16.8





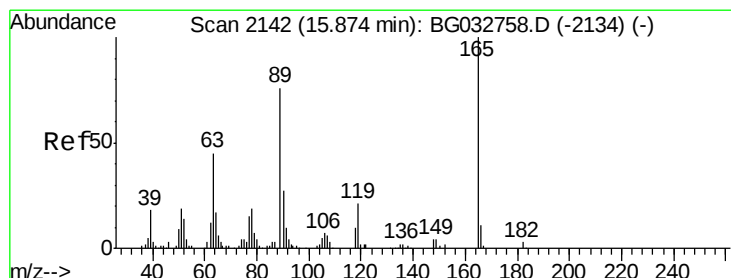
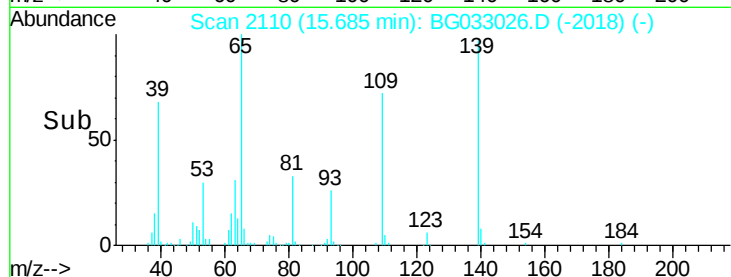
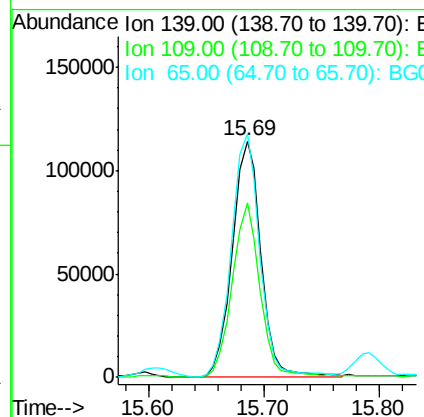
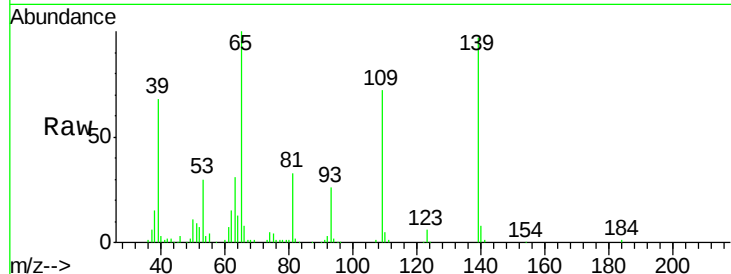
#55
4-Nitrophenol
Concen: 107.693 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	197501		
109	73.8	62.2	102.2	
65	103.0	97.2	137.2	

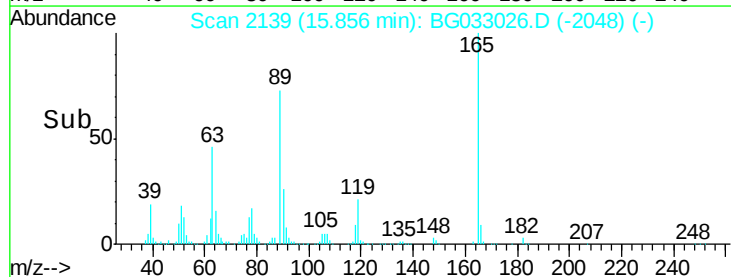
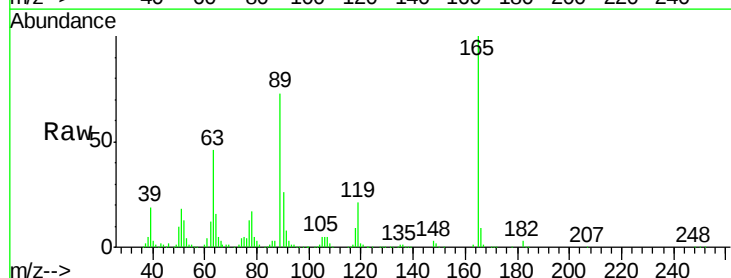
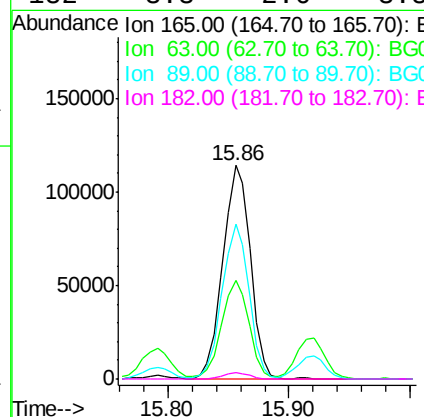
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 73.868 ng
RT: 15.86 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179689		
63	45.9	42.0	63.0	
89	72.5	66.9	100.3	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 51.778 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

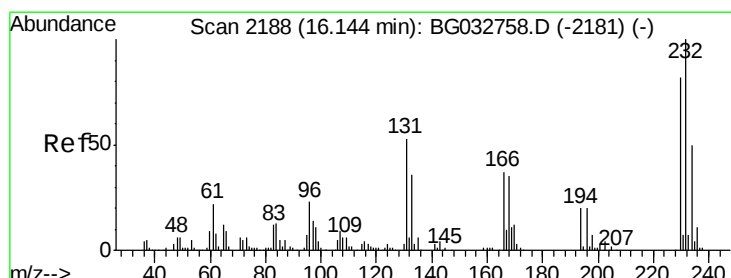
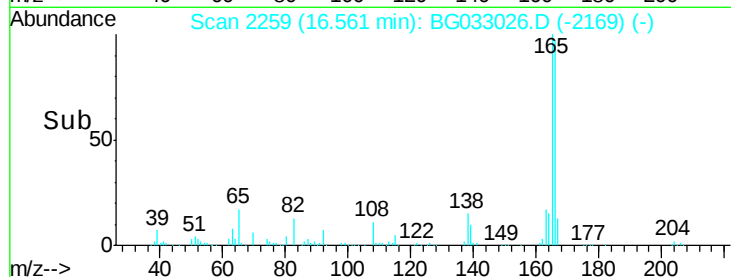
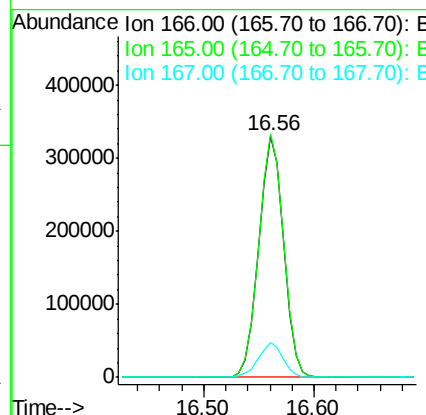
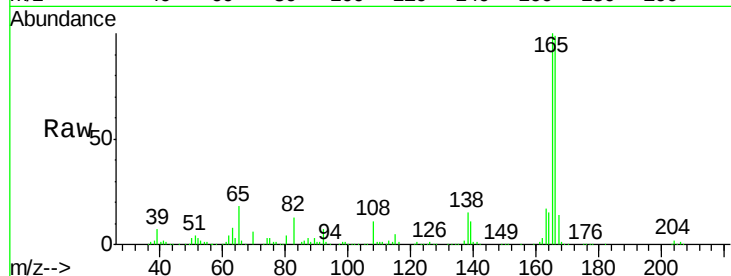
ClientSampleId :

BALER-SOILMSD

Tot Ion:	166	Resp:	521174
Ion Ratio		Lower	Upper
166	100		
165	100.9	80.6	121.0
167	14.3	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 62.566 ng m

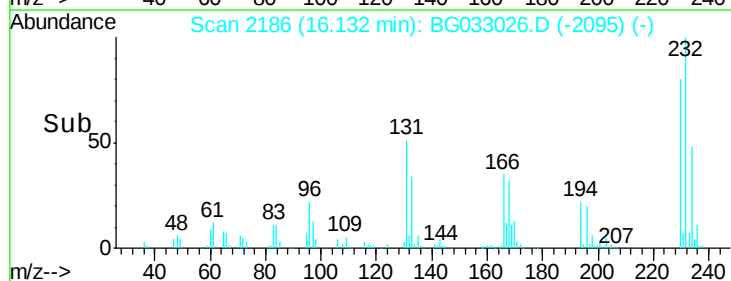
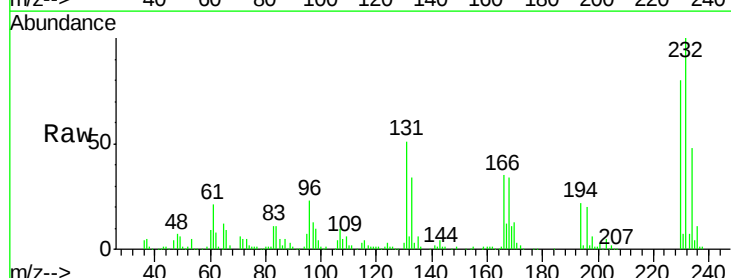
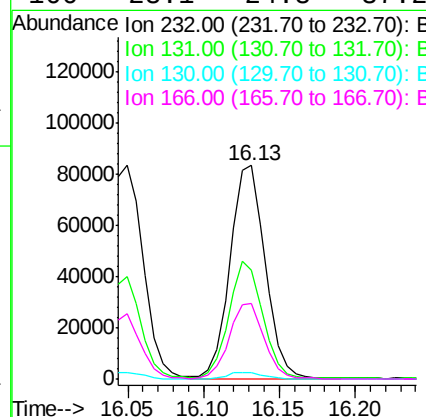
RT: 16.13 min Scan# 2186

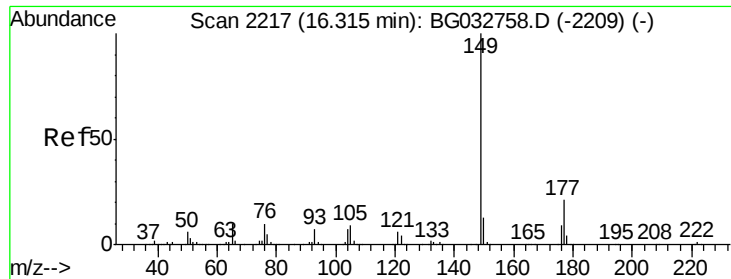
Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Tgt Ion:	232	Resp:	135438
Ion Ratio		Lower	Upper
232	100		
131	45.8	33.5	50.3
130	3.1	2.2	3.2
166	28.1	24.8	37.2





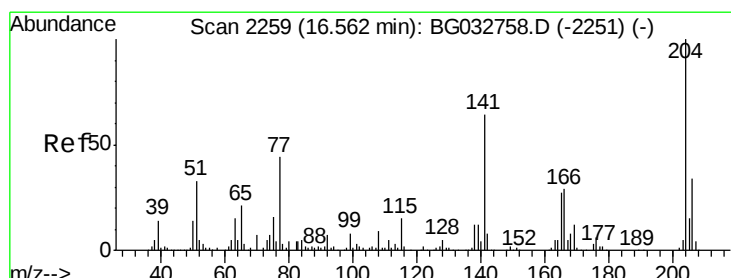
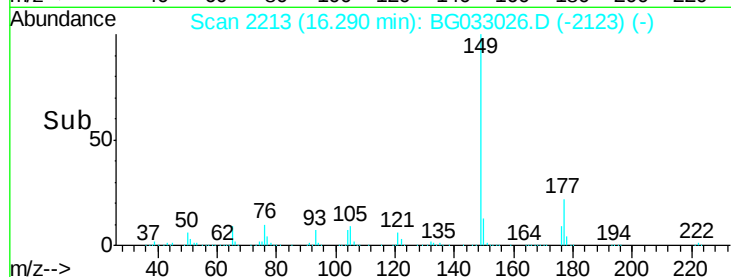
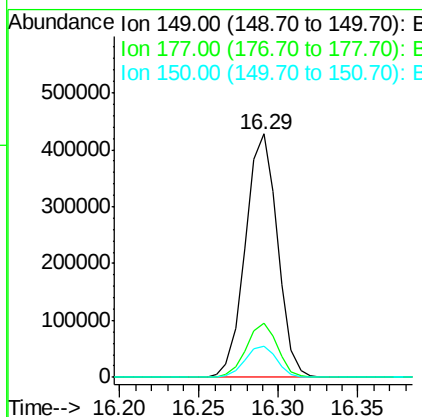
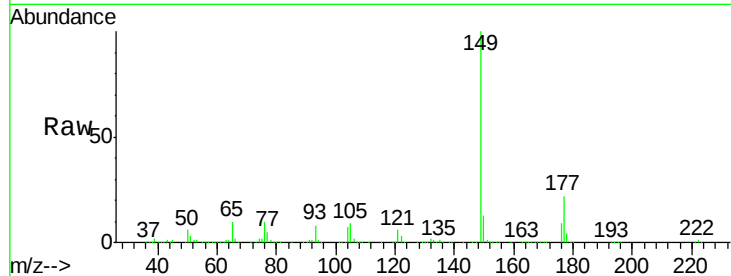
#59
Diethylphthalate
Concen: 52.136 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.5	27.7
150	13.0	10.2	15.2

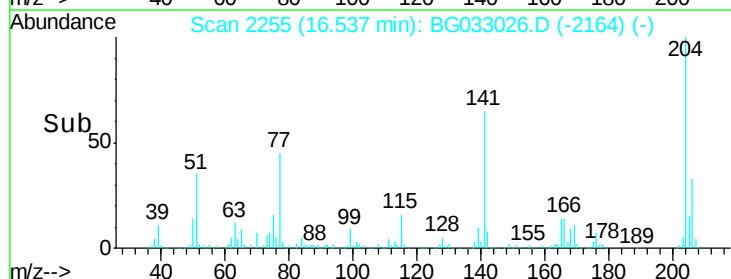
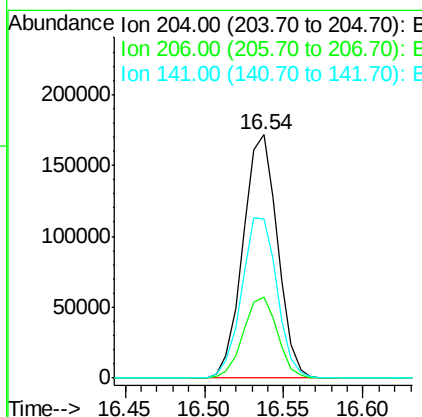
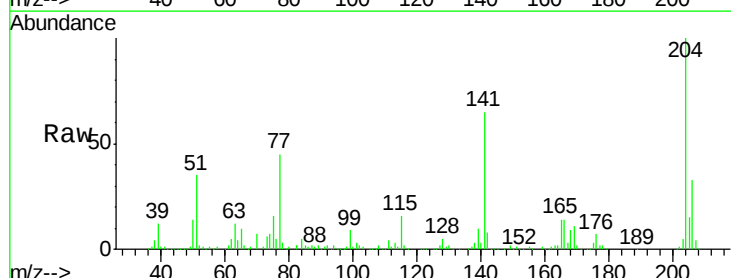
Manual Integrations
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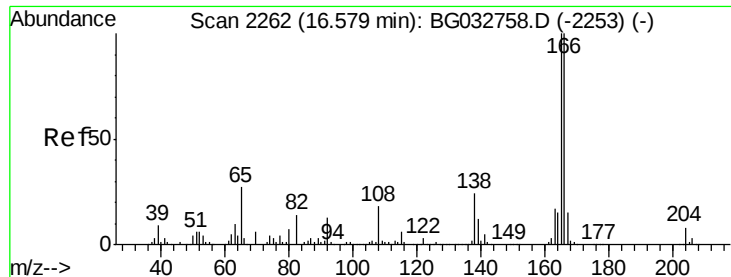
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 52.510 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	65.2	45.8	68.6





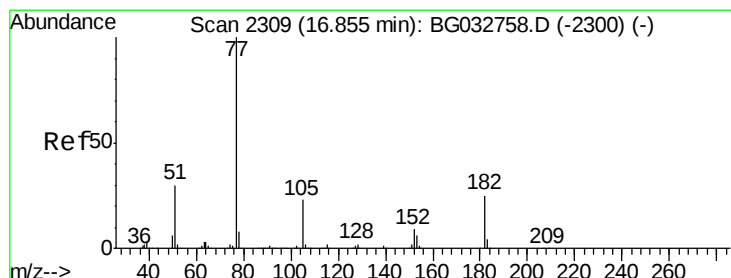
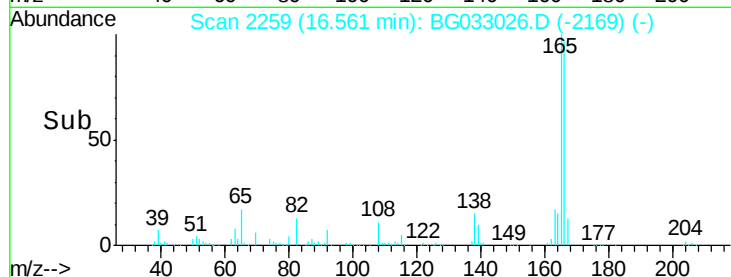
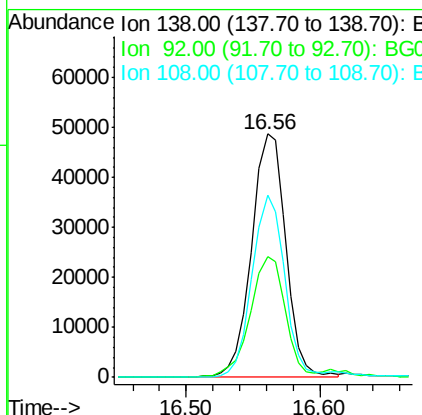
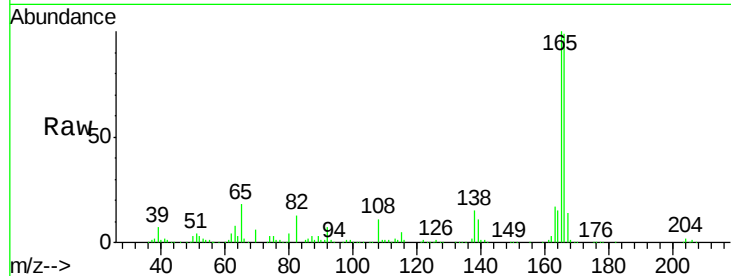
#61
4-Nitroaniline
Concen: 37.736 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	40.1	80.1
108	75.0	65.4	105.4

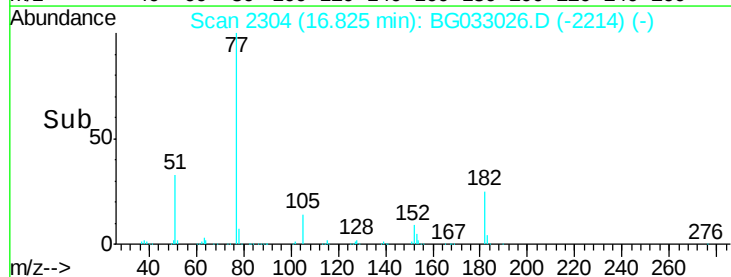
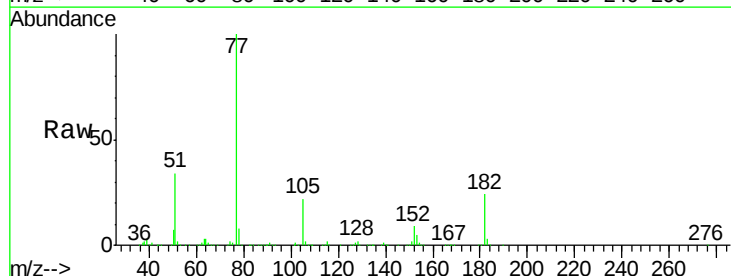
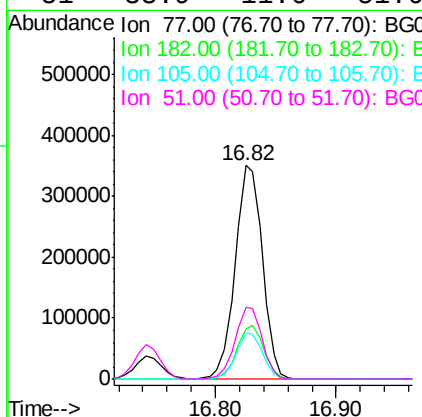
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#62
Azobenzene
Concen: 53.331 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	7.4	47.4
105	21.6	0.3	40.3
51	33.9	11.6	51.6





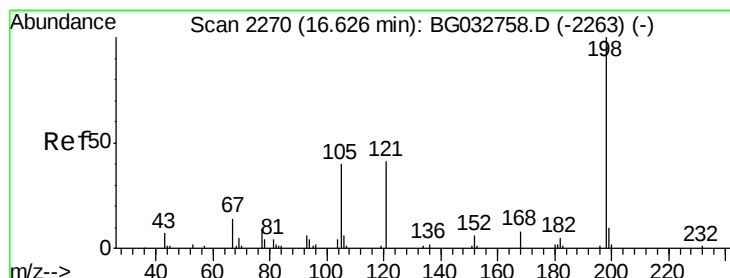
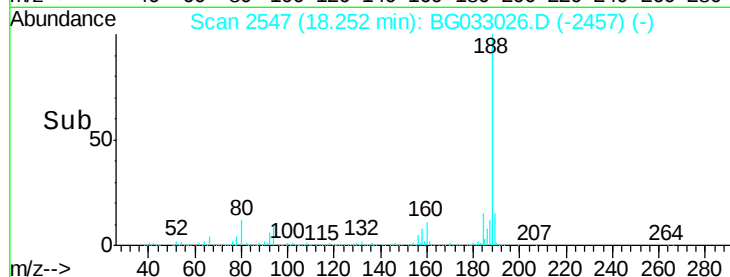
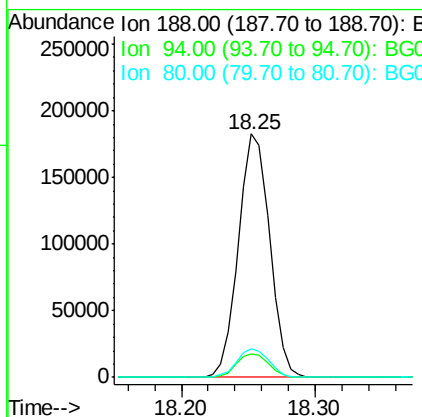
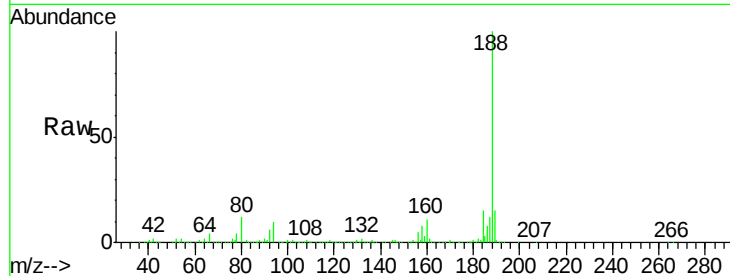
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	6.9	10.3
80	11.7	7.7	11.5

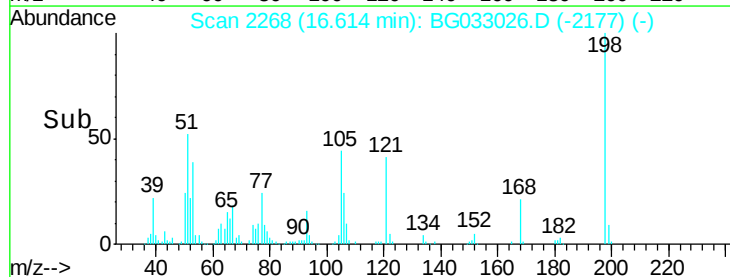
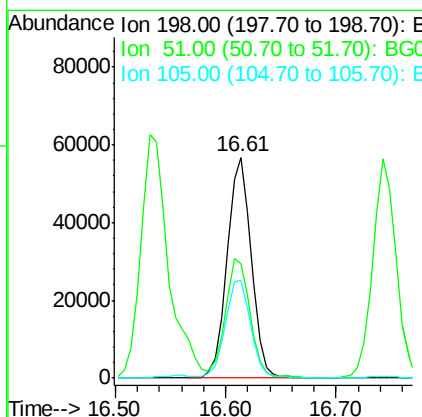
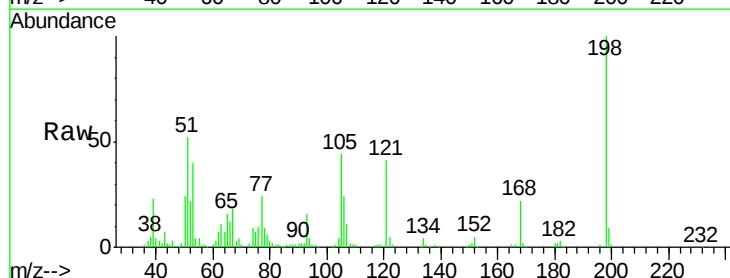
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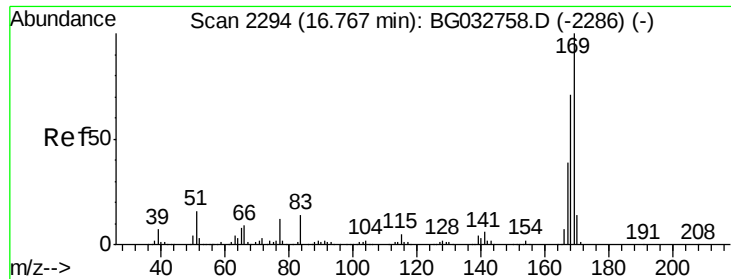
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 80.131 ng
RT: 16.61 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	51.8	30.6	70.6
105	44.1	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 49.296 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

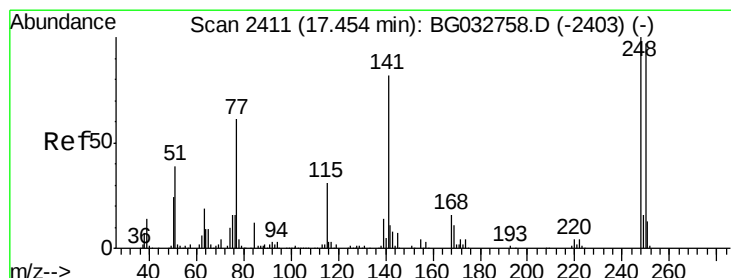
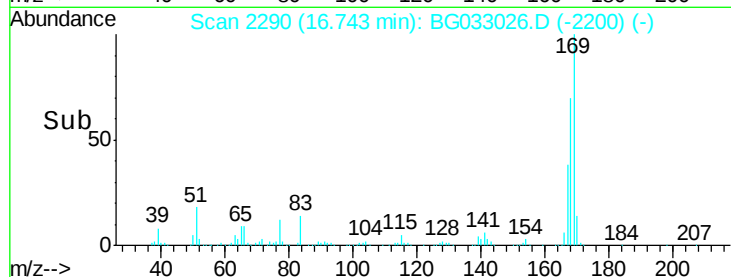
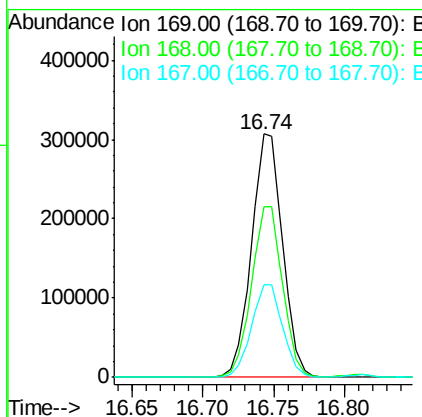
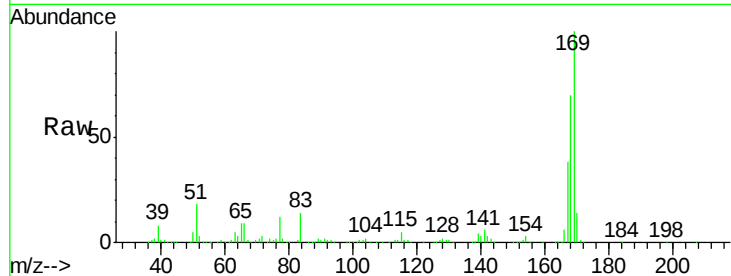
ClientSampleId :

BALER-SOILMSD

Tot Ion:	169	Resp:	475601
Ion Ratio	Lower	Upper	
169	100		
168	70.0	55.7	83.5
167	38.2	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 50.010 ng

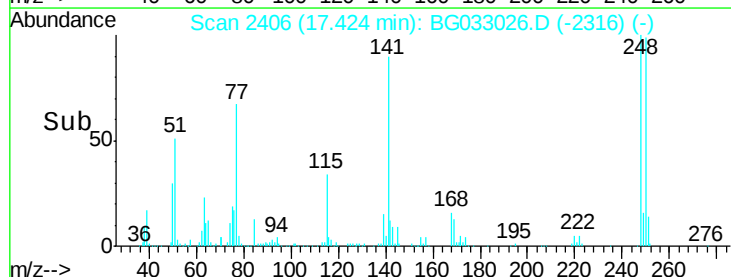
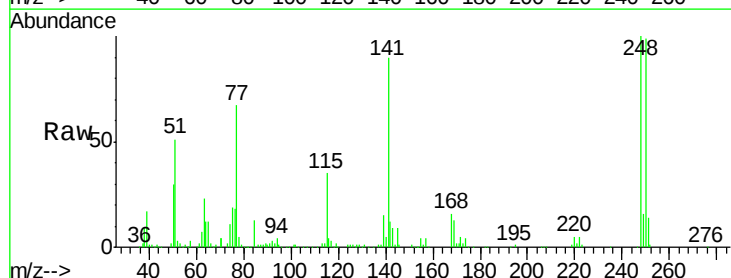
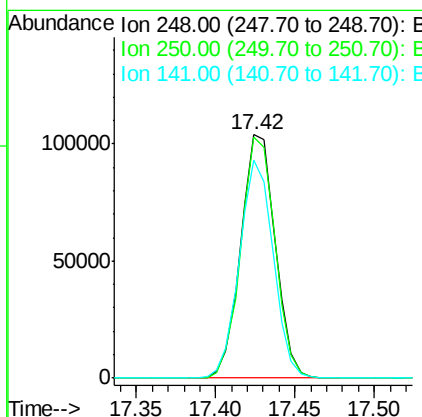
RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Tgt Ion:	248	Resp:	156825
Ion Ratio	Lower	Upper	
248	100		
250	99.0	77.1	115.7
141	89.6	50.8	76.2#





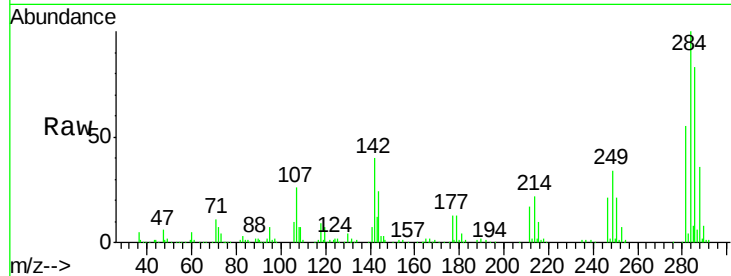
#67
Hexachlorobenzene
Concen: 48.102 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

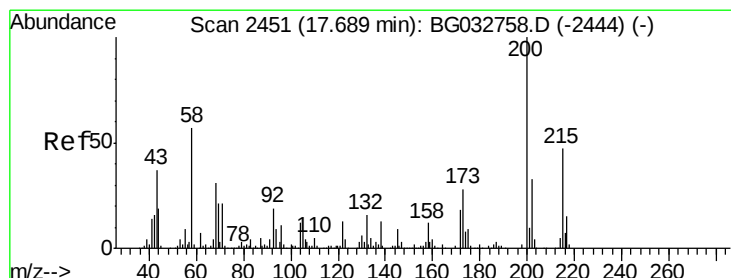
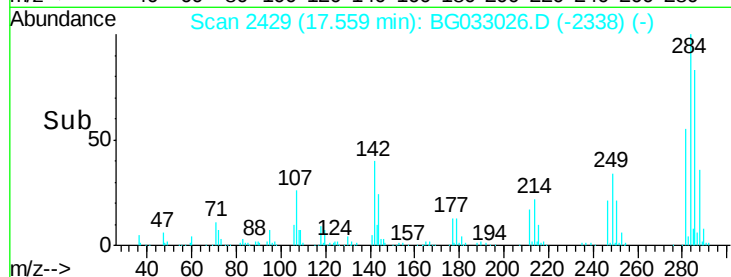
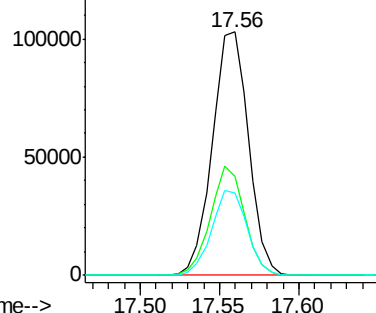
Tot Ion	Ratio	Resp	Lower	Upper
284	100	163009		
142	40.5	26.8	40.2#	
249	33.9	26.3	39.5	

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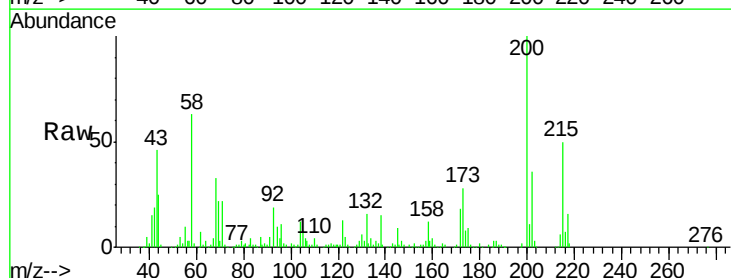


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

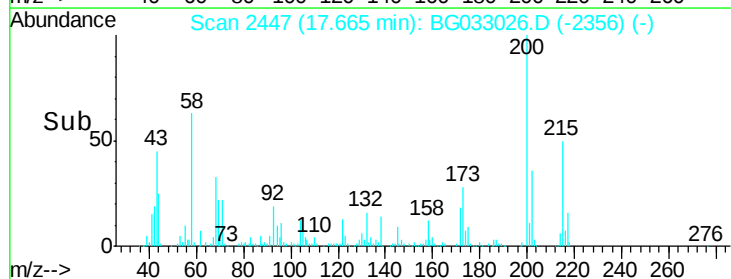
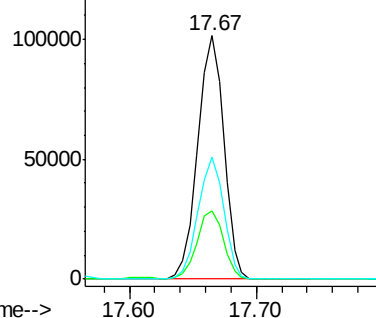


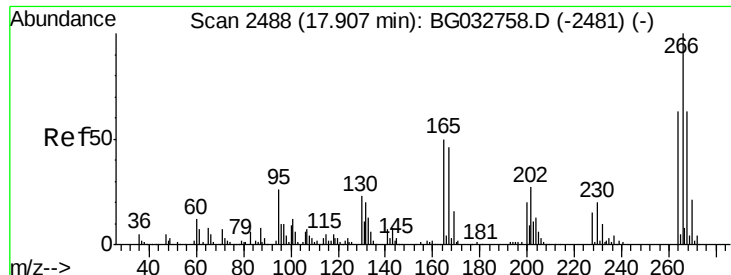
#68
Atrazine
Concen: 45.548 ng
RT: 17.67 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	144647		
173	28.1	5.2	45.2	
215	50.1	30.4	70.4	



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





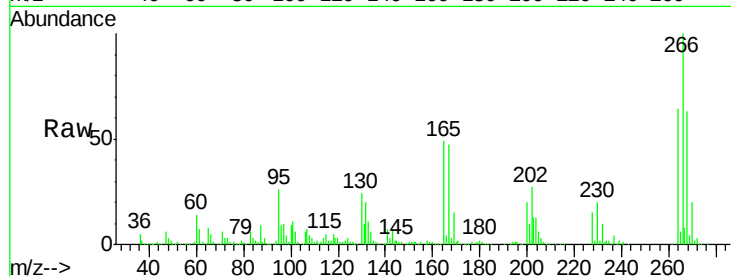
#69
 Pentachlorophenol
 Concen: 105.657 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

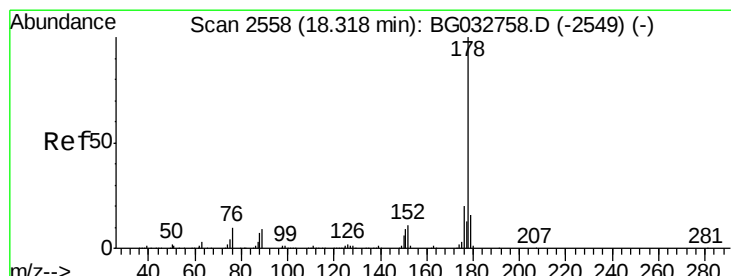
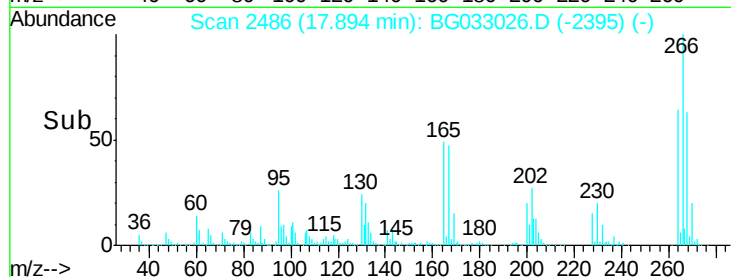
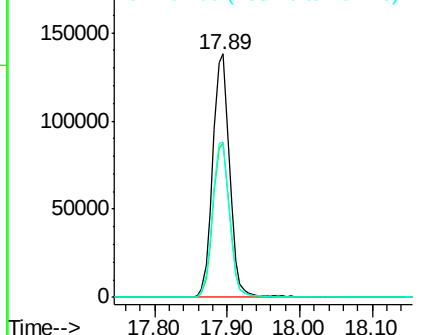
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.9	49.6	74.4

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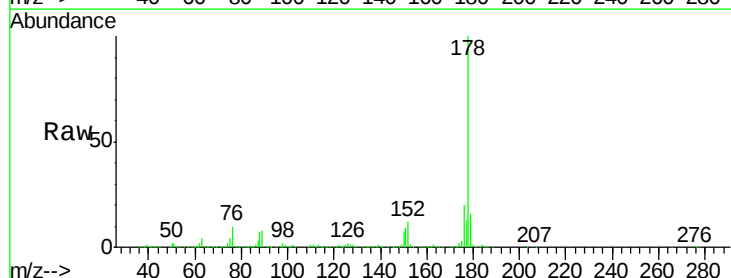


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

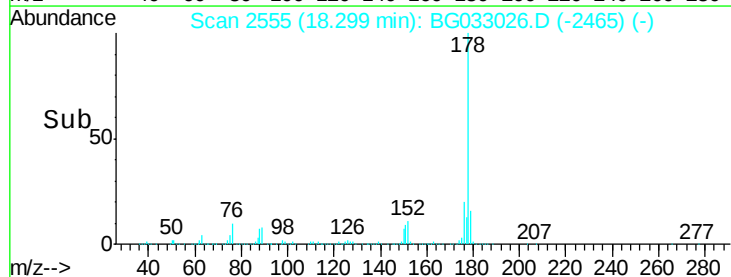
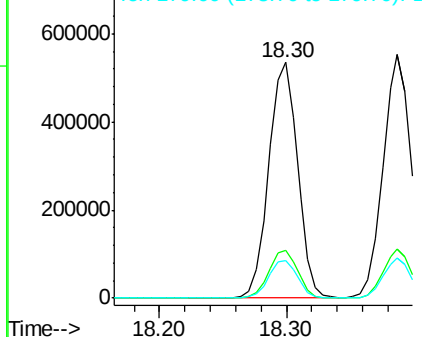


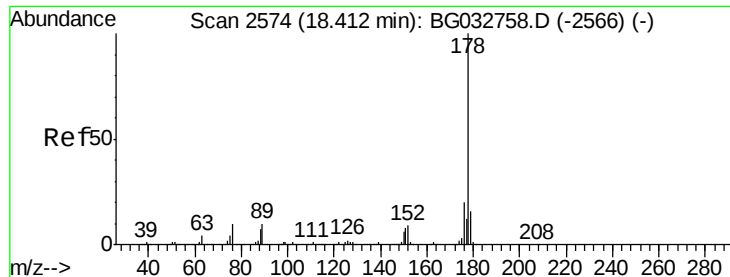
#70
 Phenanthrene
 Concen: 51.075 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.9	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





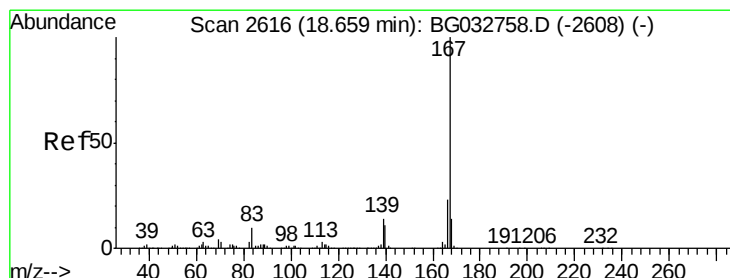
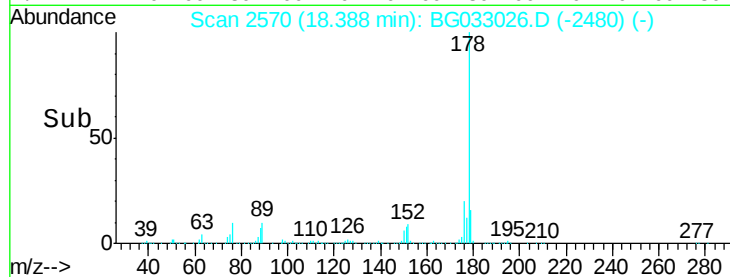
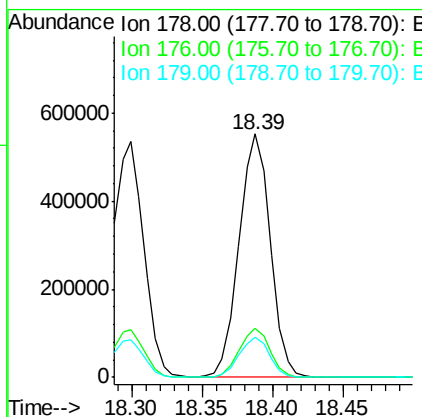
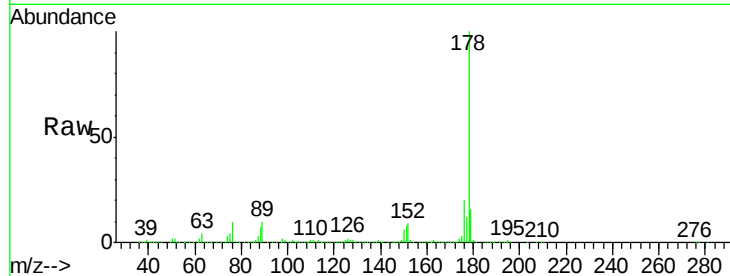
#71
 Anthracene
 Concen: 51.302 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.4	12.5	18.7

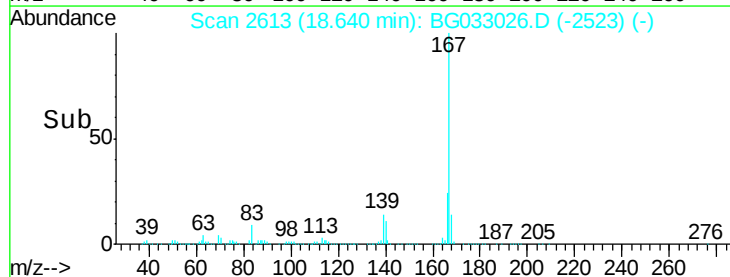
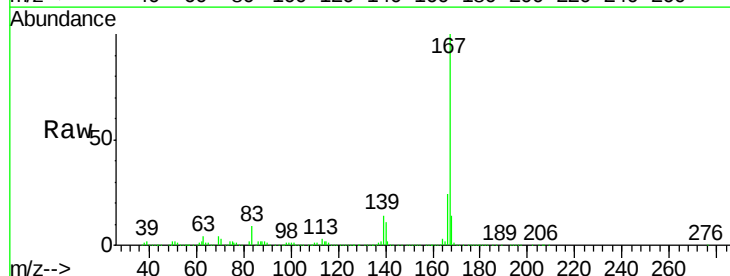
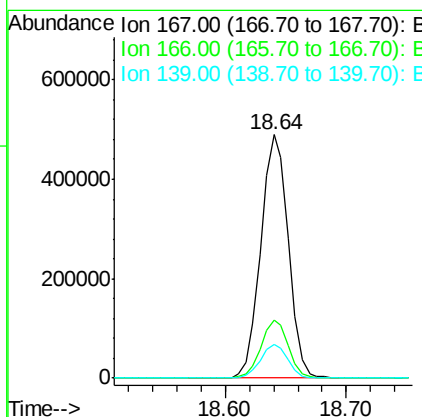
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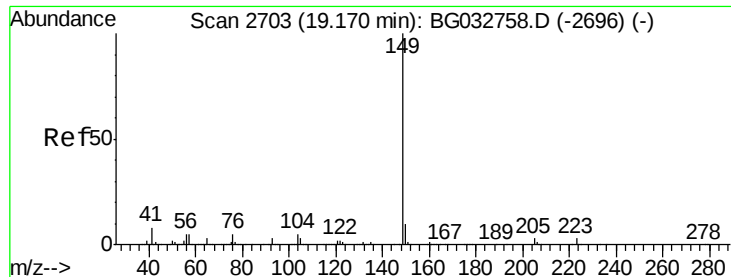
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#72
 Carbazole
 Concen: 47.427 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.2	27.4
139	14.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 50.510 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Instrument :

BNA_G

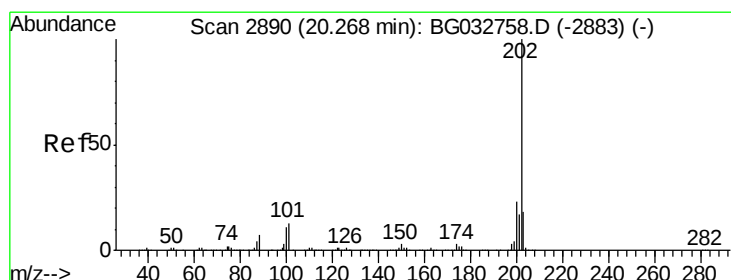
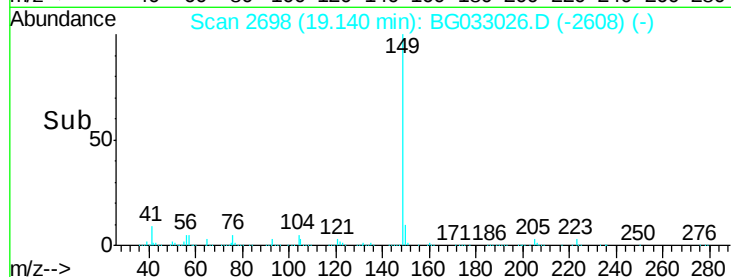
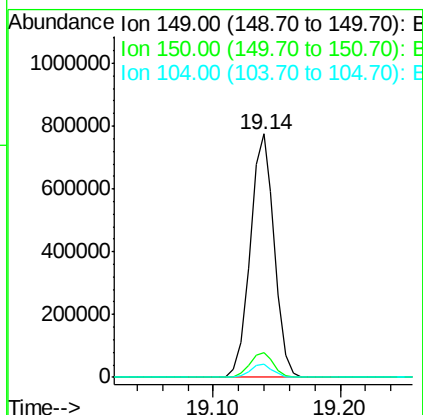
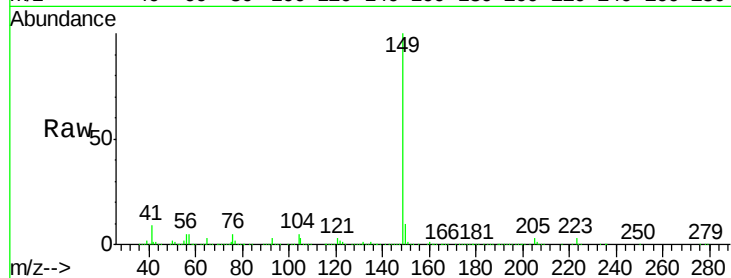
ClientSampleId :

BALER-SOILMSD

Tot Ion:	149	Resp:	1014542
Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.3	3.9	5.9

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#74

Fluoranthene

Concen: 50.688 ng

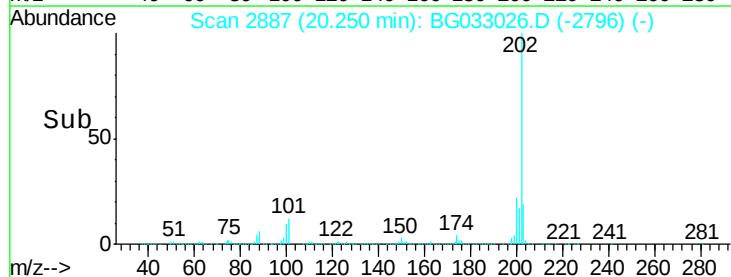
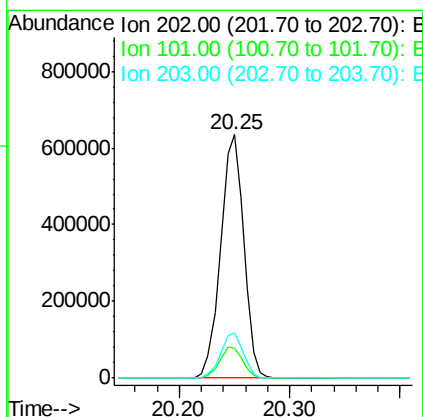
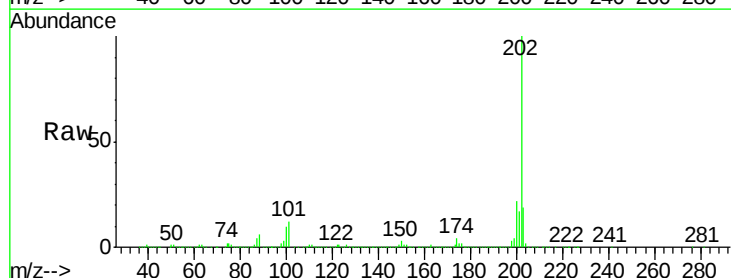
RT: 20.25 min Scan# 2887

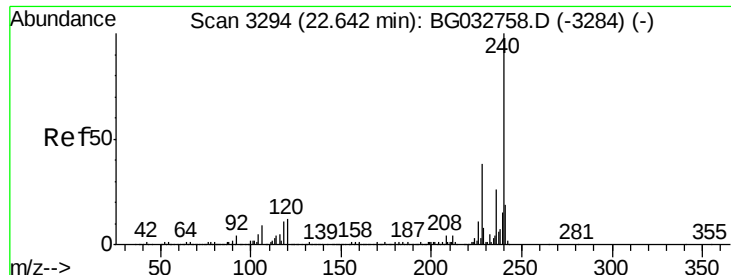
Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Tgt Ion:	202	Resp:	926411
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	28.9
203	18.7	0.0	37.5





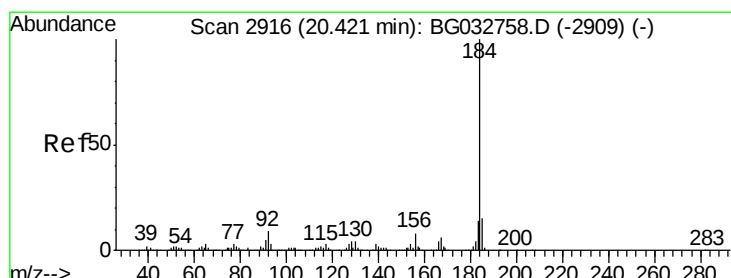
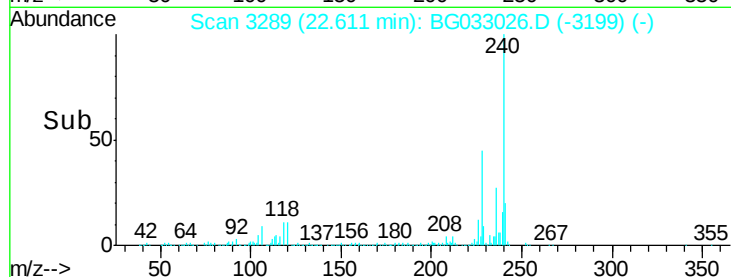
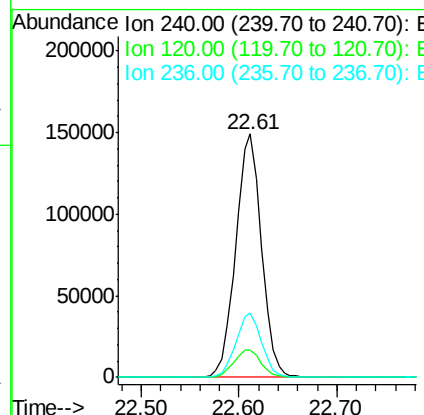
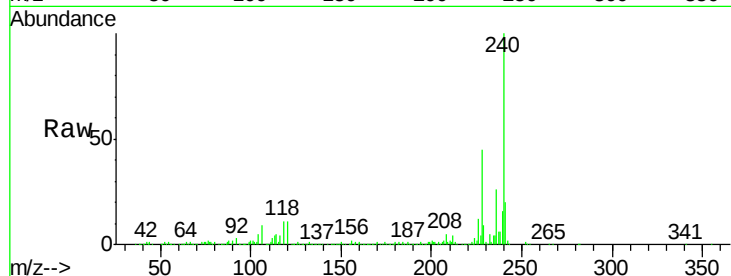
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.8	10.2#
236	26.5	20.9	31.3

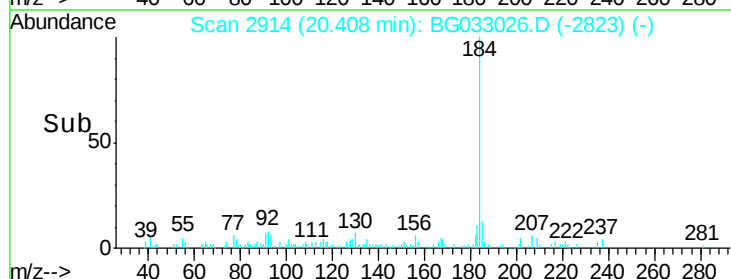
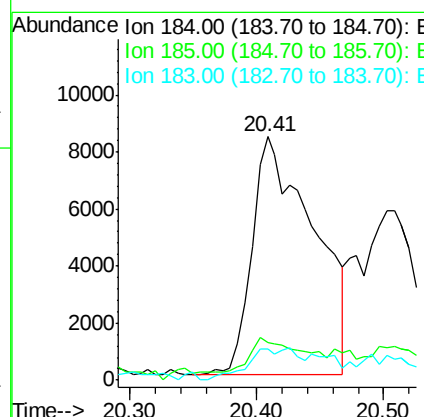
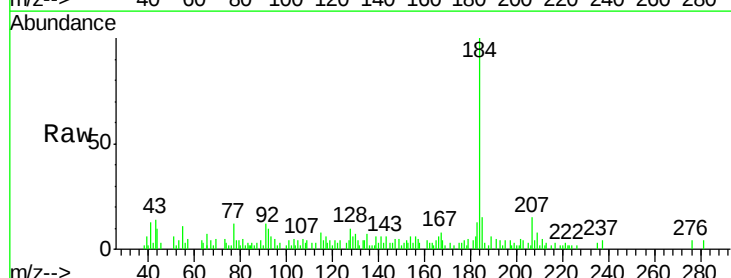
Manual Integrations
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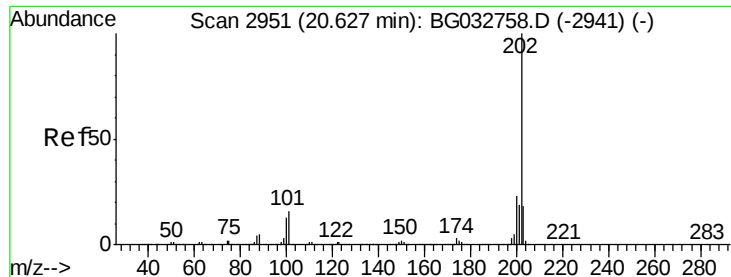
Sohil
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#76
Benzidine
Concen: 3.044 ng
RT: 20.41 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	12.6	10.6	16.0





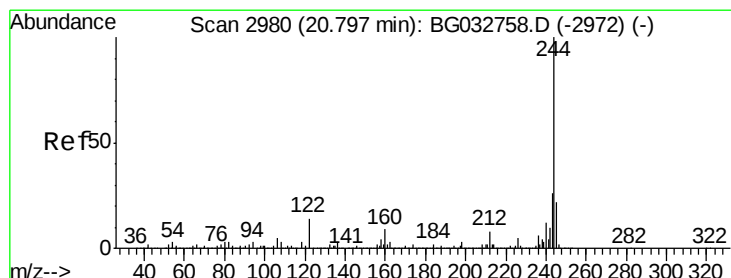
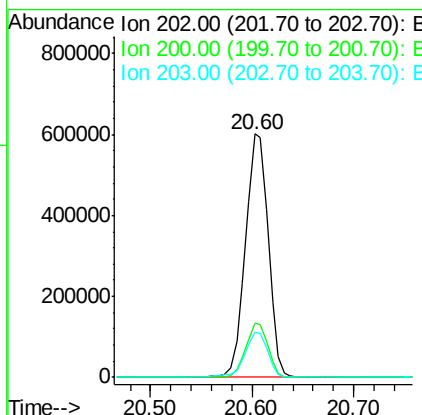
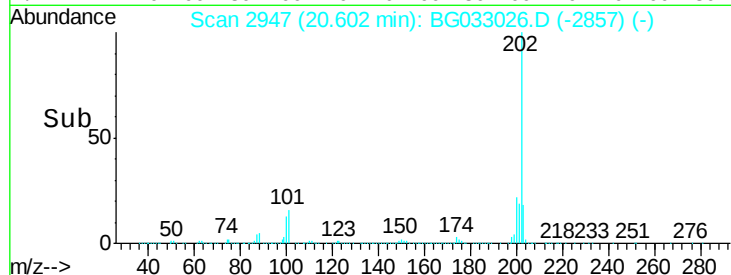
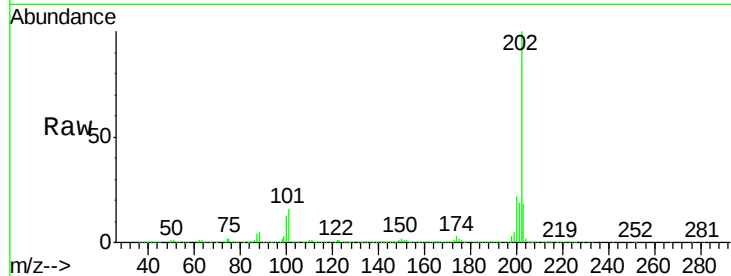
#77
Pvrene
Concen: 48.817 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	18.5	13.9	20.9

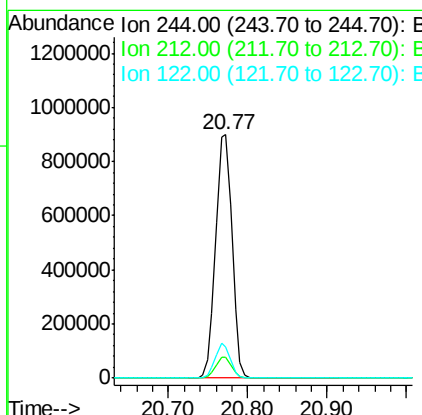
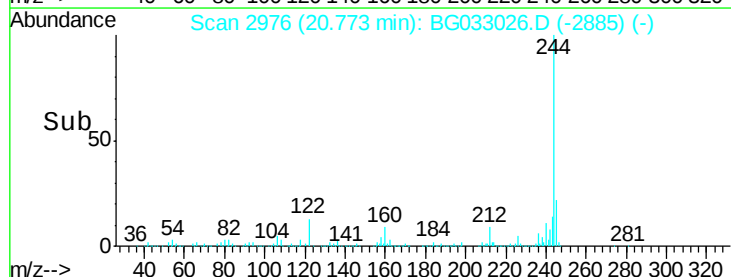
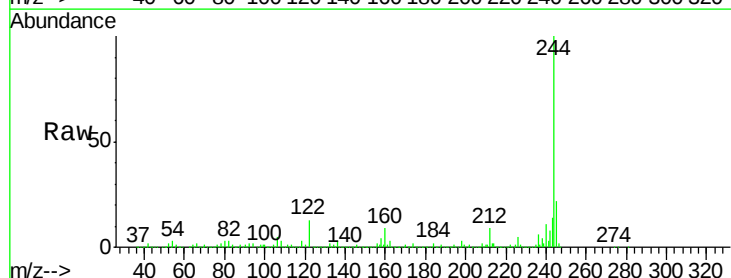
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3/7/2018 12:11:02 PM



#78
Terphenyl-d14
Concen: 106.782 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	12.9	7.0	10.4#





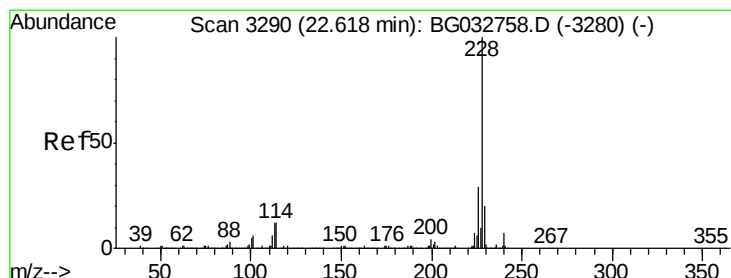
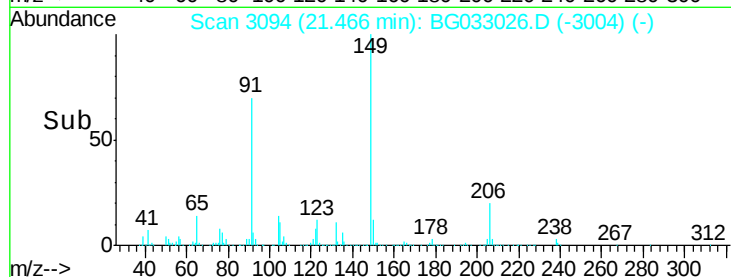
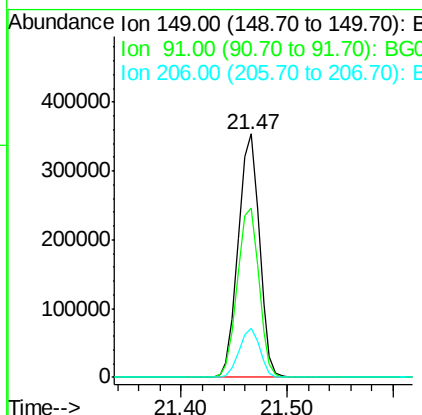
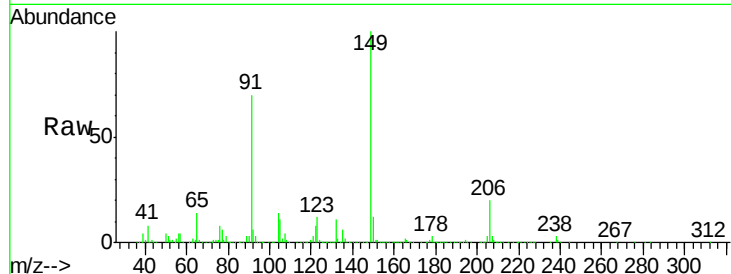
#79
Butylbenzylphthalate
Concen: 57.176 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	62.2	93.2
206	20.3	18.6	27.8

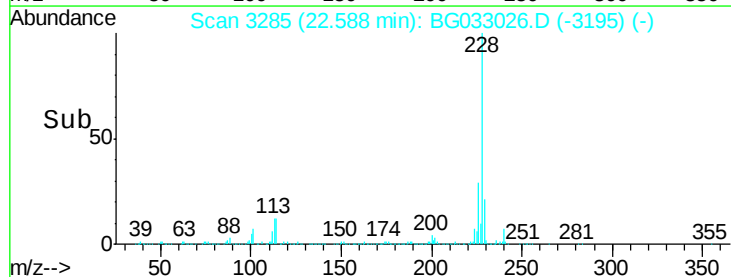
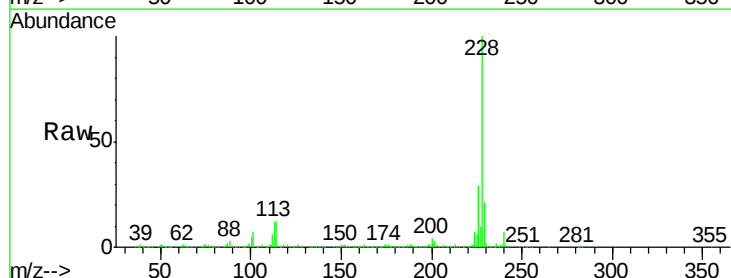
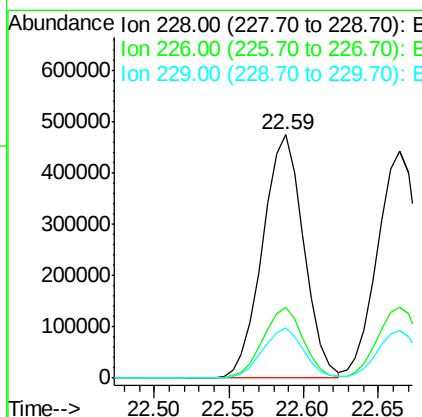
Manual Integrations
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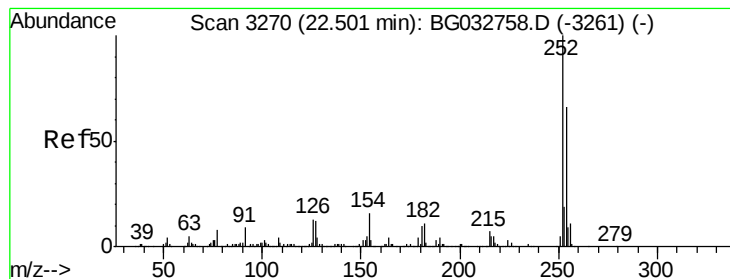
Sohil
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#80
Benzo(a)anthracene
Concen: 52.022 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.7	16.2	24.2





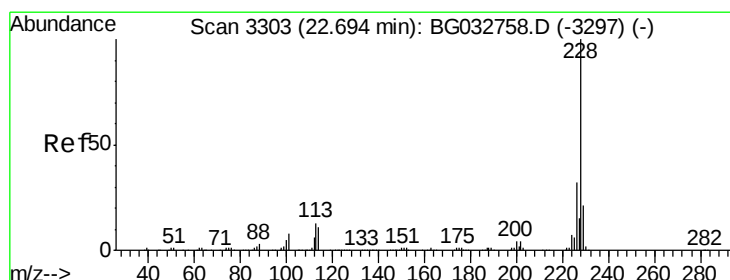
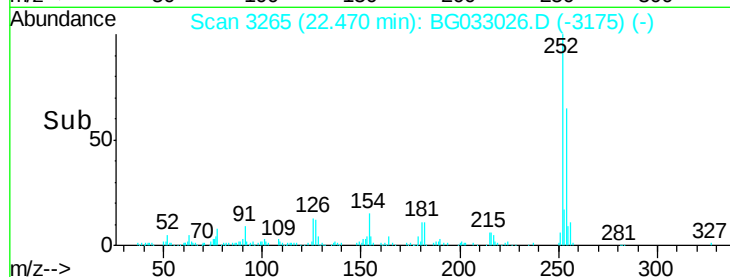
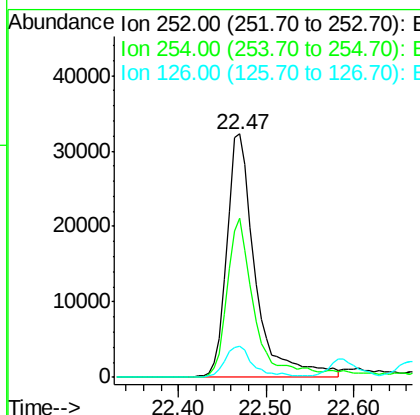
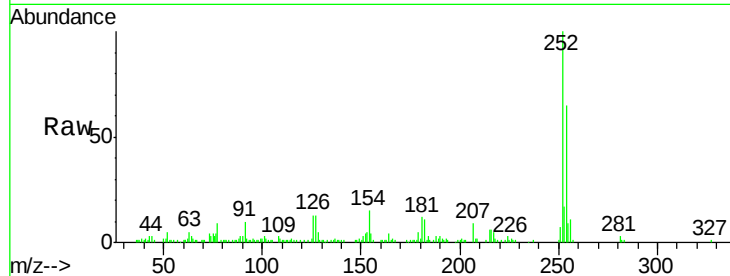
#81
 3,3'-Dichlorobenzidine
 Concen: 11.146 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	12.6	7.4	11.2

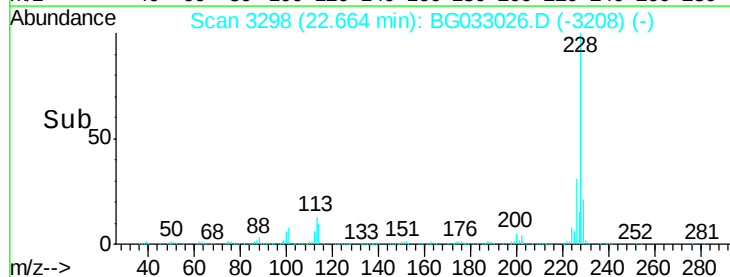
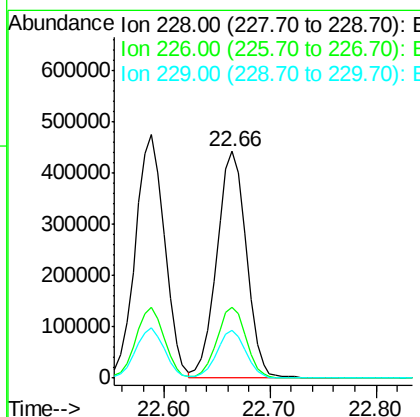
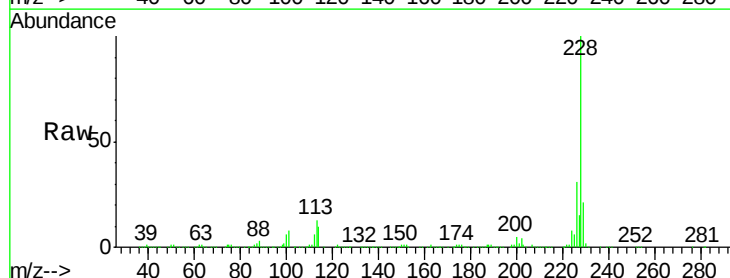
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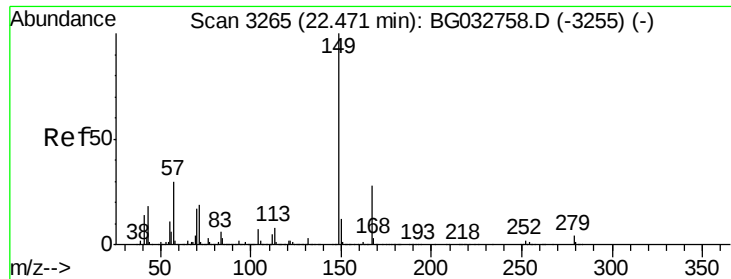
Sohil
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#82
 Chrysene
 Concen: 51.382 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.2	15.0	22.4





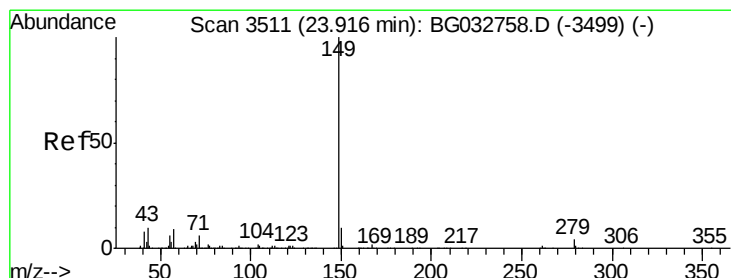
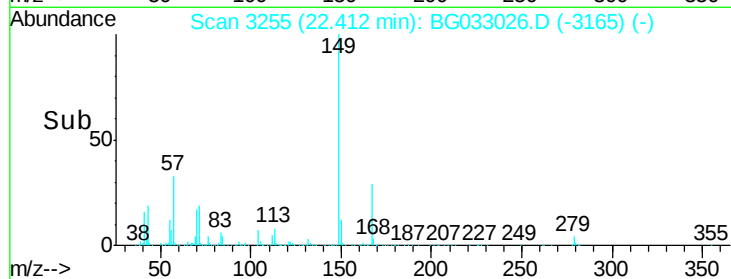
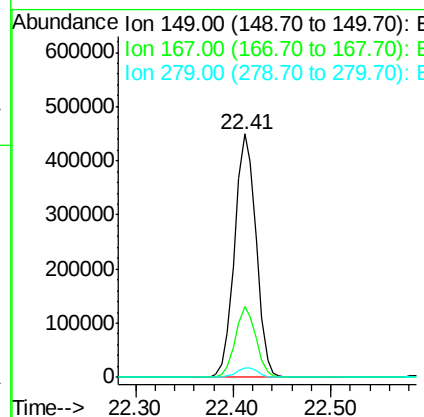
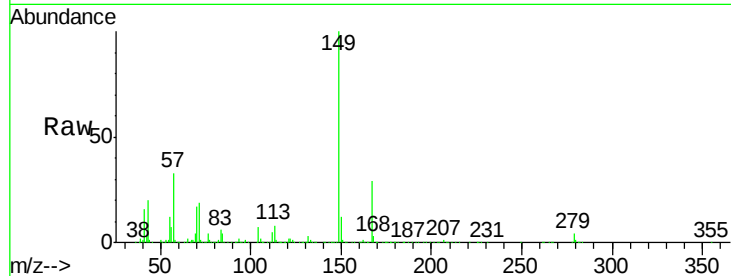
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.267 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	4.0	4.0	6.0

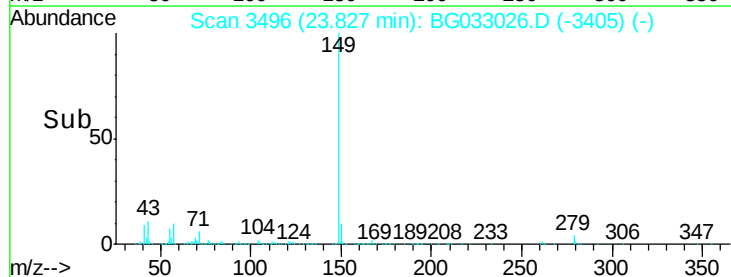
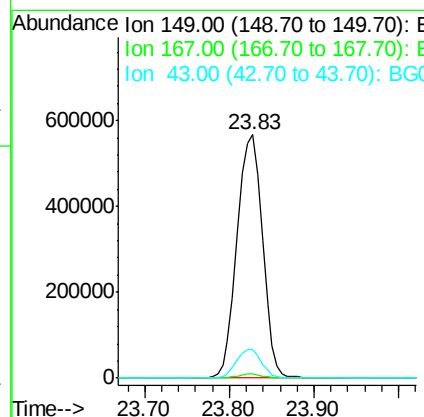
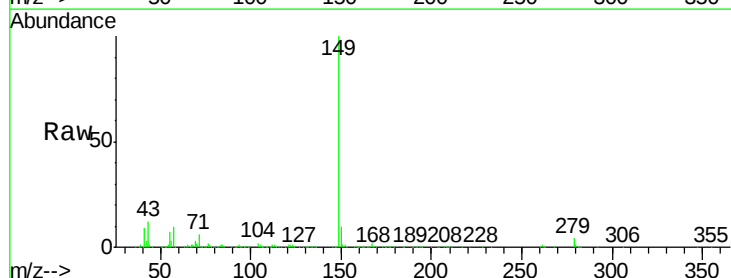
Manual Integrations
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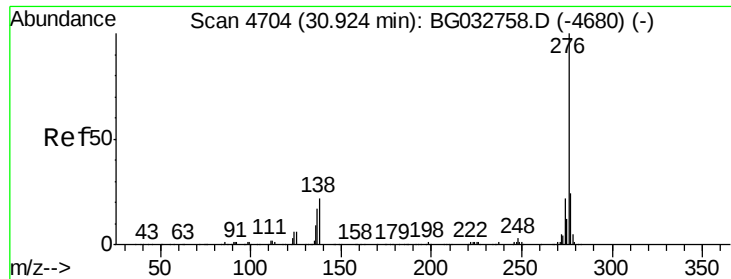
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#84
 Di-n-octyl phthalate
 Concen: 61.312 ng
 RT: 23.83 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.6	8.9	13.3





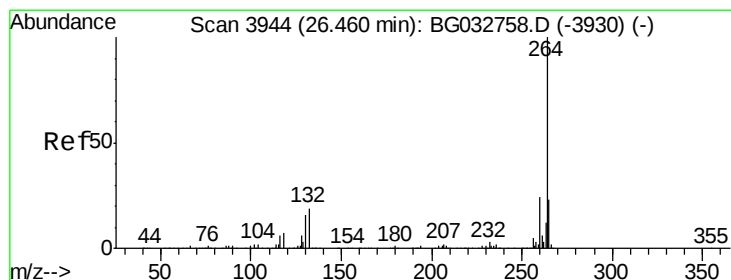
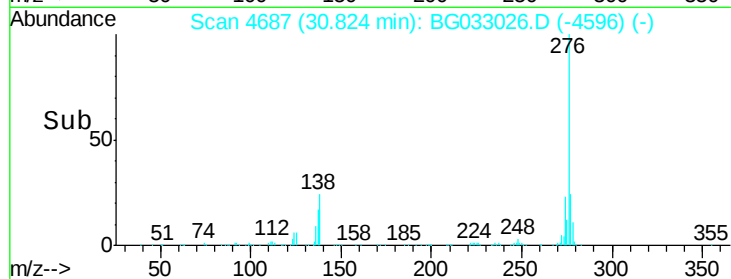
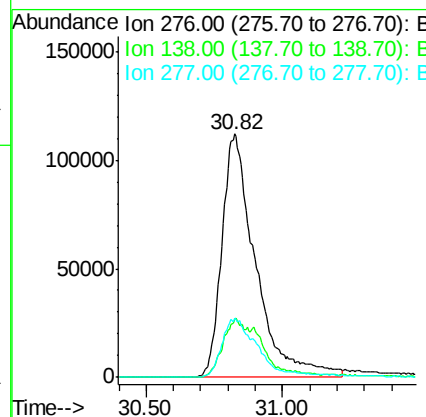
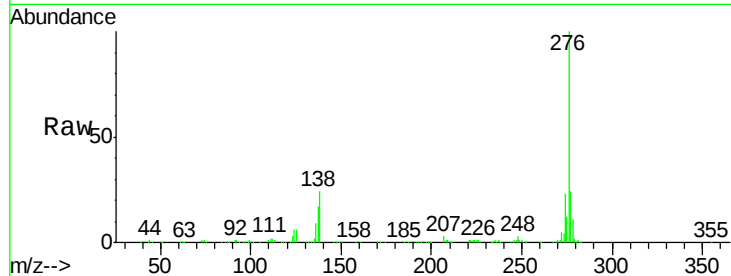
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.697 ng
 RT: 30.82 min Scan# 4687
 Delta R.T. 0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Instrument :
 BNA_G
 ClientSampleId :
 BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	16.0	24.0#
277	24.1	20.0	30.0

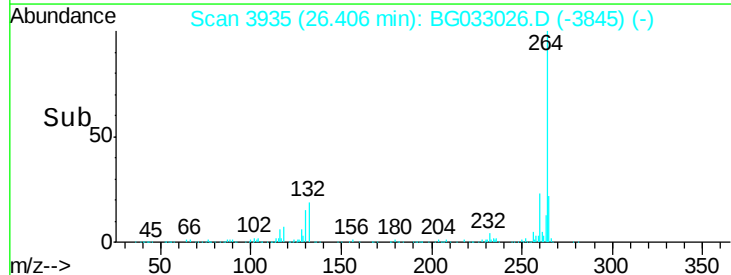
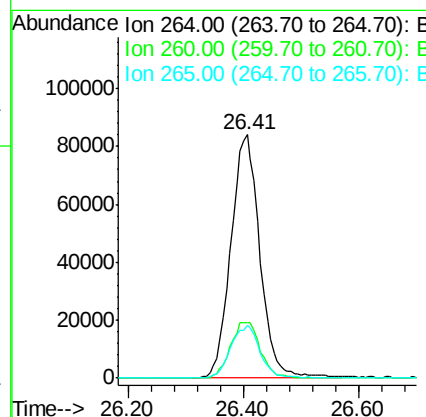
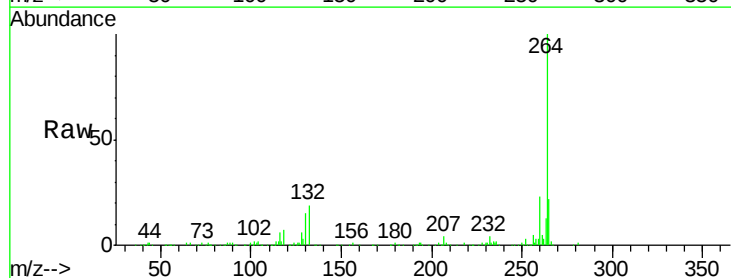
Manual Integrations
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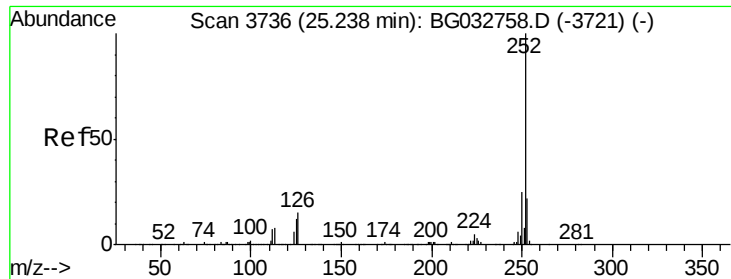
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033026.D
 Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	17.7	26.5





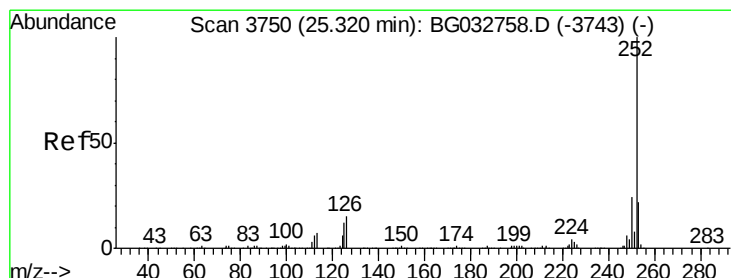
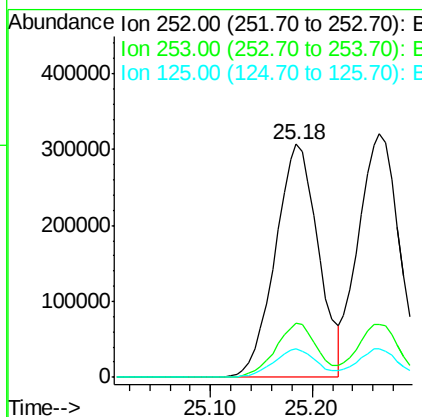
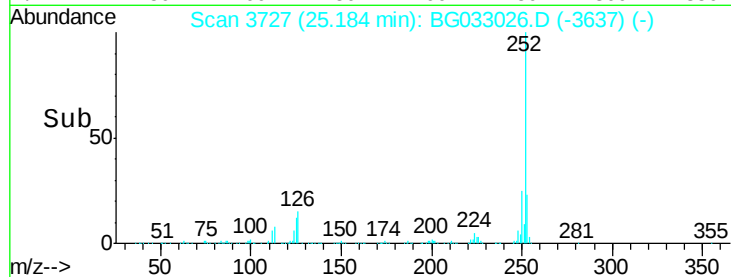
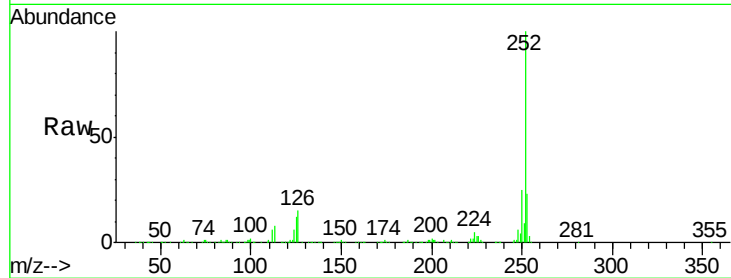
#87
Benzo(b)fluoranthene
Concen: 52.592 ng
RT: 25.18 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.3	7.2	10.8

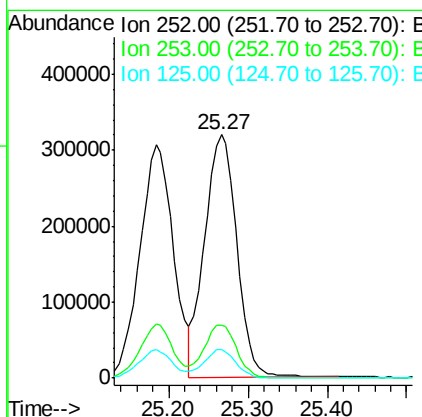
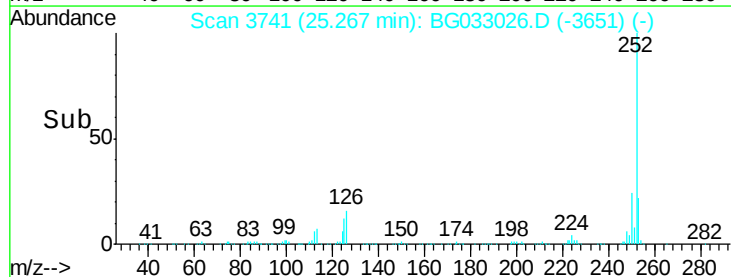
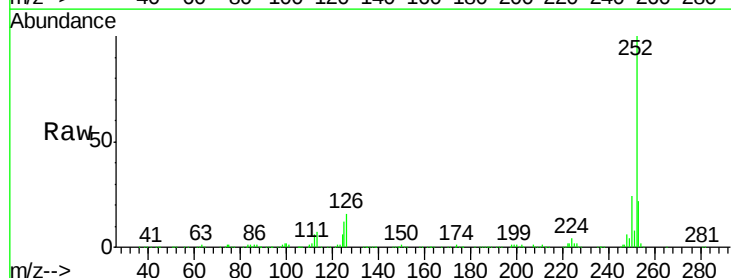
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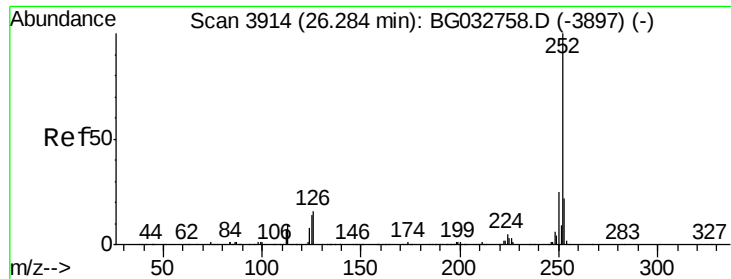
Sohil
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#88
Benzo(k)fluoranthene
Concen: 52.384 ng
RT: 25.27 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.8	6.6	9.8





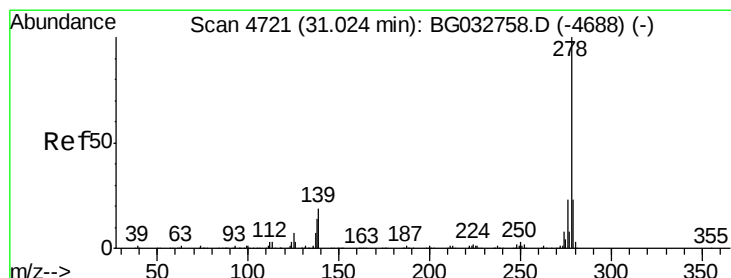
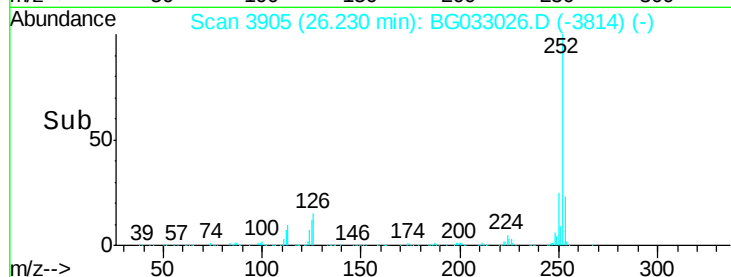
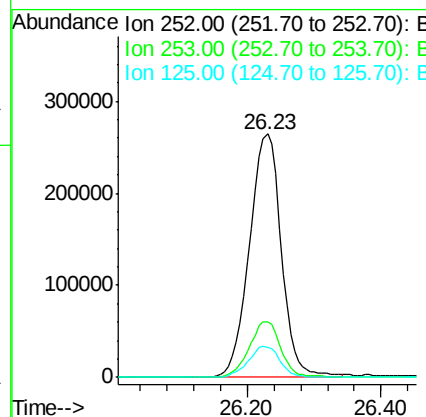
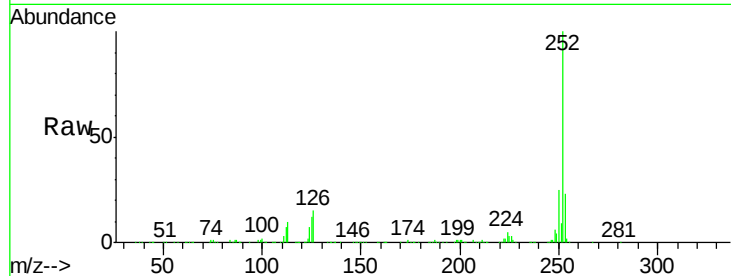
#89
Benzo(a)pyrene
Concen: 52.743 ng
RT: 26.23 min Scan# 3905
Delta R.T. 0.00 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Instrument :
BNA_G
ClientSampleId :
BALER-SOILMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.5	7.3	10.9#

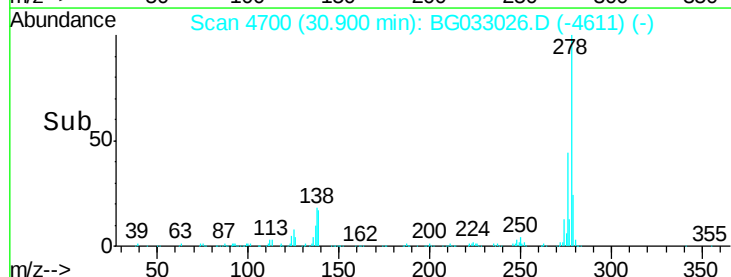
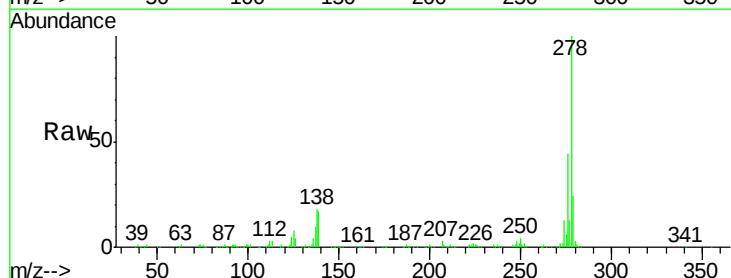
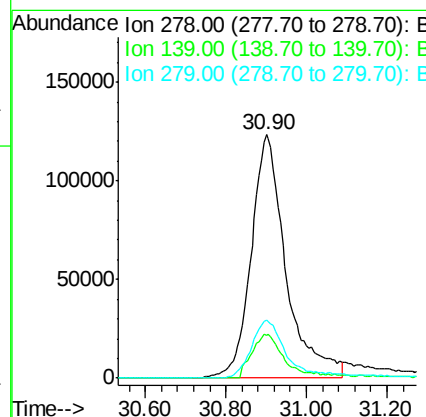
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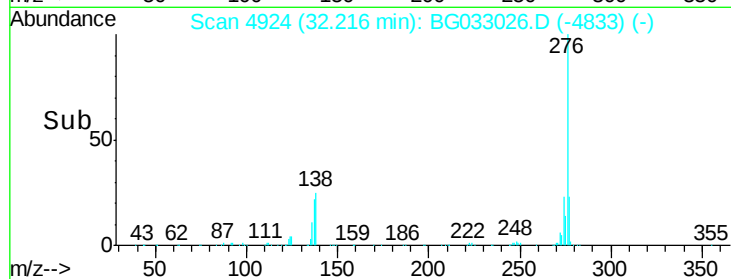
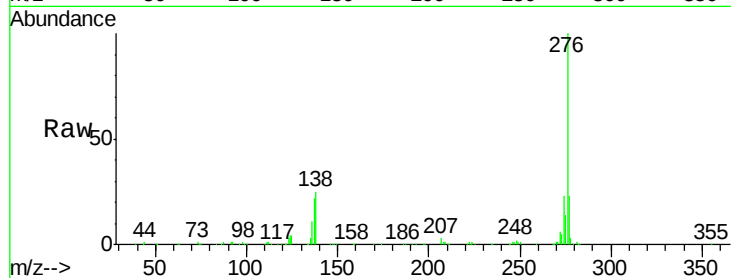
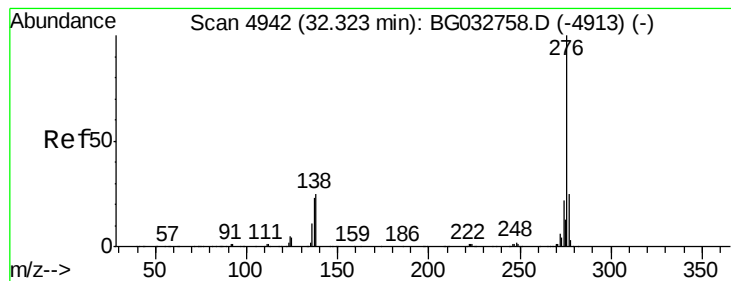
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.895 ng
RT: 30.90 min Scan# 4700
Delta R.T. -0.01 min
Lab File: BG033026.D
Acq: 6 Mar 2018 18:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	9.8	14.6#
279	23.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 46.083 ng

RT: 32.22 min Scan# 4924

Delta R.T. 0.00 min

Lab File: BG033026.D

Acq: 6 Mar 2018 18:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
751262	276	100			
	277	22.9		18.3	27.5
	138	24.8		13.9	20.9

Instrument :

BNA_G

ClientSampleId :

BALER-SOILMSD

Manual Integrations
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