

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029287.D
 Acq On : 17 Oct 2017 1:25
 Operator : SJ/JU
 Sample : I5833-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

Manual Integrations
 APPROVED

Quant Time: Oct 17 04:38:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	68388	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	321897	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	210423	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	484368	20.00	ng	0.00
75) Chrysene-d12	21.80	240	494733	20.00	ng	0.00
86) Perylene-d12	25.11	264	521340	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	540001	131.91	ng	0.00
7) Phenol-d6	7.33	99	675636	117.58	ng	0.00
23) Nitrobenzene-d5	9.34	82	462340	91.27	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	381197	140.31	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1236187	86.16	ng	0.00
78) Terphenyl-d14	20.12	244	1853670	85.24	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	51314	30.894	ng	# 80
3) Pyridine	4.01	79	46208m	9.553	ng	
4) n-Nitrosodimethylamine	3.90	42	77884	34.447	ng	# 95
6) Aniline	7.50	93	159185	22.372	ng	94
8) 2-Chlorophenol	7.73	128	183837	39.178	ng	93
9) Benzaldehyde	7.30	77	66679	23.071	ng	90
10) Phenol	7.35	94	215319	34.757	ng	89
11) bis(2-Chloroethyl)ether	7.58	93	178293	39.502	ng	92
12) 1,3-Dichlorobenzene	8.06	146	187250	35.544	ng	96
13) 1,4-Dichlorobenzene	8.21	146	191786	35.657	ng	94
14) 1,2-Dichlorobenzene	8.53	146	183582	35.387	ng	97
15) Benzyl Alcohol	8.40	79	163081	40.273	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	287931	37.564	ng	93
17) 2-Methylphenol	8.61	107	165595	40.239	ng	97
18) Hexachloroethane	9.26	117	65712	35.850	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	146856	37.587	ng	# 97
20) 3+4-Methylphenols	8.94	107	228195	39.354	ng	95
22) Acetophenone	9.00	105	280710	36.185	ng	# 94
24) Nitrobenzene	9.38	77	212166	37.252	ng	# 91
25) Isophorone	9.90	82	420715	39.785	ng	# 93
26) 2-Nitrophenol	10.10	139	108819	39.976	ng	90
27) 2,4-Dimethylphenol	10.15	122	197088	40.018	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	245472	37.856	ng	96
29) 2,4-Dichlorophenol	10.63	162	211342	40.241	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	207482	36.568	ng	100
31) Naphthalene	11.04	128	611530	38.119	ng	99
32) Benzoic acid	10.28	122	134873	32.706	ng	# 84
33) 4-Chloroaniline	11.14	127	109143	16.173	ng	93
34) Hexachlorobutadiene	11.32	225	123458	34.996	ng	97
35) Caprolactam	11.90	113	60193m	34.486	ng	
36) 4-Chloro-3-methylphenol	12.25	107	227320	39.354	ng	# 85
37) 2-Methylnaphthalene	12.63	142	479643	41.022	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	255912	33.311	ng	98
40) Hexachlorocyclopentadiene	12.97	237	265734	90.649	ng	93

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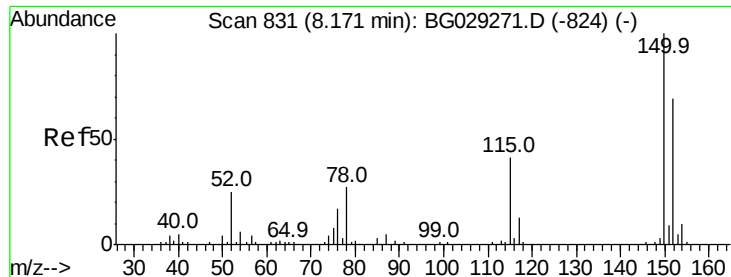
Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.23	196	184482	38.252	nq	99	
43) 2,4,5-Trichlorophenol	13.30	196	201795	40.743	nq	96	
45) 1,1'-Biphenyl	13.63	154	641540	35.470	nq	97	
46) 2-Chloronaphthalene	13.67	162	498272	37.769	nq	97	
47) 2-Nitroaniline	13.87	65	156606	43.218	nq	#	87
48) Acenaphthylene	14.51	152	798385	38.668	nq	99	
49) Dimethylphthalate	14.24	163	652953	39.771	nq	99	Sohil
50) 2,6-Dinitrotoluene	14.35	165	146103	42.451	nq	#	83
51) Acenaphthene	14.85	154	500898	37.287	nq	98	
52) 3-Nitroaniline	14.68	138	67915	18.287	nq	#	82
53) 2,4-Dinitrophenol	14.90	184	163238	85.623	nq	#	51
54) Dibenzofuran	15.18	168	788913	41.137	nq	98	10/17/2017 5:04:12 PM
55) 4-Nitrophenol	14.99	139	239414	78.195	nq	#	82
56) 2,4-Dinitrotoluene	15.14	165	207065	44.444	nq	#	80
57) Fluorene	15.83	166	631665	39.872	nq	99	
58) 2,3,4,6-Tetrachlorophenol	15.41	232	191621	46.373	nq	97	
59) Diethylphthalate	15.59	149	662000	40.460	nq	98	
60) 4-Chlorophenyl-phenylether	15.82	204	341091	40.381	nq	94	
61) 4-Nitroaniline	15.84	138	119606	31.364	nq	81	
62) Azobenzene	16.11	77	548295	39.739	nq	97	
64) 4,6-Dinitro-2-methylphenol	15.91	198	105823	39.417	nq	85	
65) n-Nitrosodiphenylamine	16.03	169	517657	35.677	nq	98	
66) 4-Bromophenyl-phenylether	16.71	248	227292	40.894	nq	99	
67) Hexachlorobenzene	16.83	284	237373	37.704	nq	98	
68) Atrazine	16.97	200	20422	3.945	nq	95	
69) Pentachlorophenol	17.18	266	307204	84.943	nq	98	
70) Phenanthrene	17.57	178	1016694	40.631	nq	97	
71) Anthracene	17.66	178	1032610	41.097	nq	98	
72) Carbazole	17.92	167	832582	34.495	nq	99	
73) Di-n-butylphthalate	18.47	149	1117436	40.254	nq	99	
74) Fluoranthene	19.57	202	1197619	40.920	nq	96	
77) Pyrene	19.92	202	1235464	41.166	nq	96	
79) Butylbenzylphthalate	20.79	149	526261	41.159	nq	94	
80) Benzo(a)anthracene	21.78	228	1196445	41.190	nq	98	
82) Chrysene	21.85	228	1120144	40.267	nq	96	
83) Bis(2-ethylhexyl)phthalate	21.67	149	743151	40.499	nq	98	
84) Di-n-octyl phthalate	22.92	149	1276010	39.899	nq	97	
85) Indeno(1,2,3-cd)pyrene	28.91	276	1413604	41.306	nq	#	92
87) Benzo(b)fluoranthene	24.06	252	1232203	41.284	nq	100	
88) Benzo(k)fluoranthene	24.13	252	1216852	40.923	nq	99	
89) Benzo(a)pyrene	24.96	252	1196760	41.708	nq	99	
90) Dibenzo(a,h)anthracene	28.97	278	1211695	41.712	nq	96	
91) Benzo(g,h,i)perylene	30.09	276	1071851	39.712	nq	97	

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



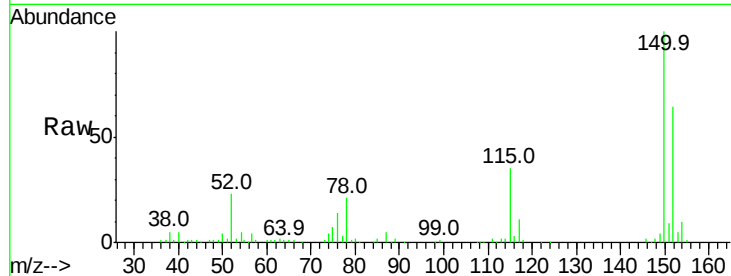
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029287.D
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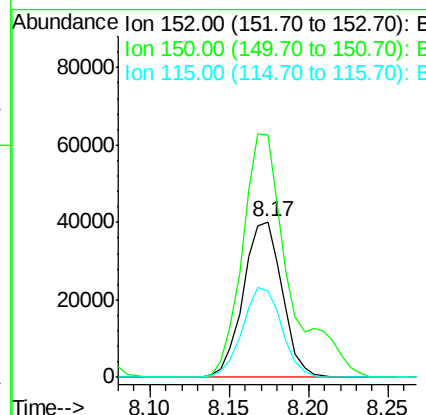
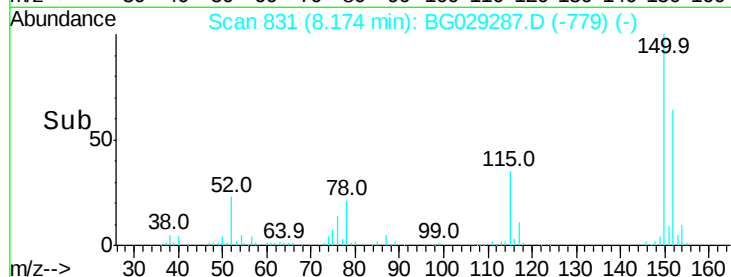
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	55.3	53.0	79.4

Manual Integrations
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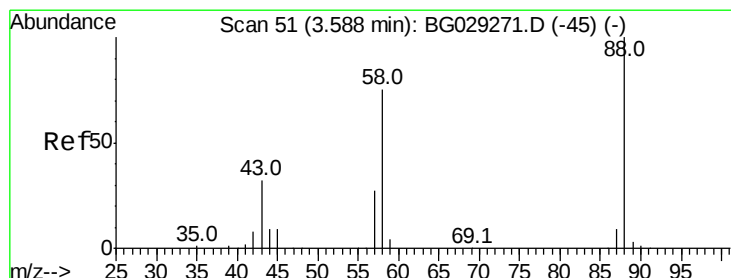


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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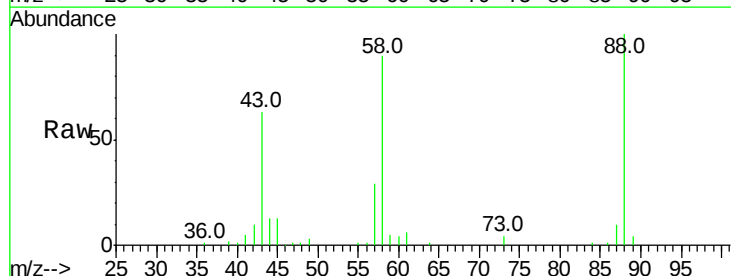
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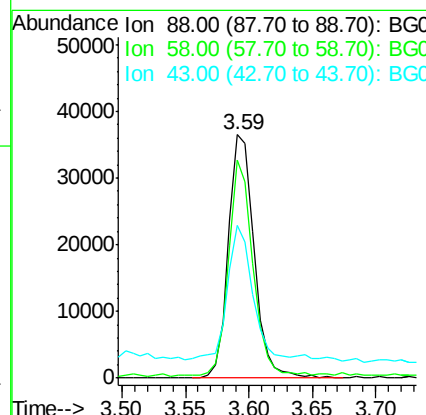
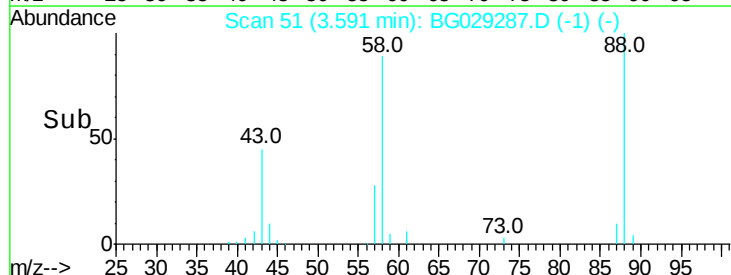
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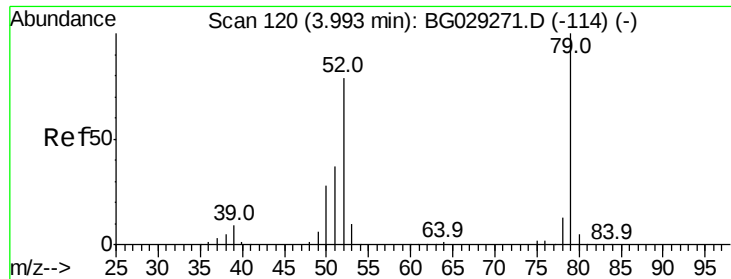
1,4-Dioxane
Concen: 30.894 ng
RT: 3.59 min Scan# 51
Delta R.T. 0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	79.6	119.4
43	52.2	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



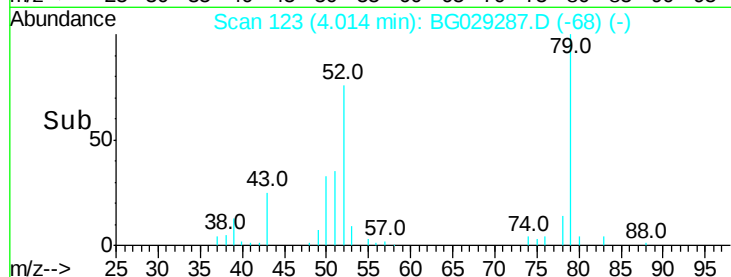
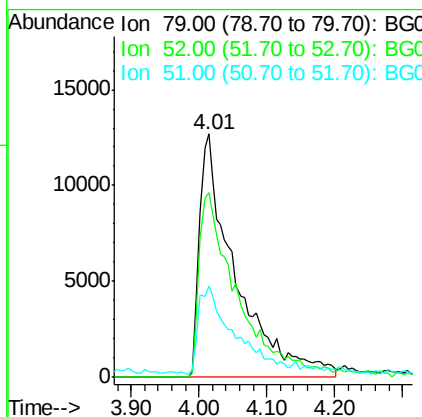
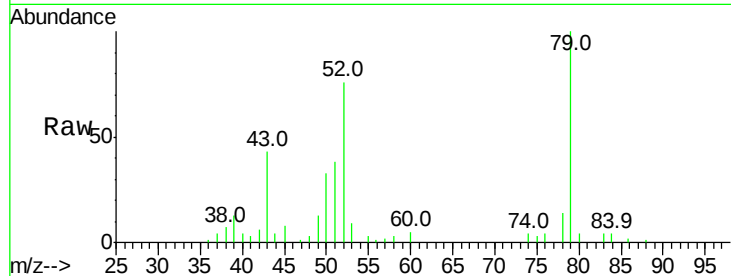


#3
 Pvridine
 Concen: 9.553 ng/ml
 RT: 4.01 min Scan# 123
 Delta R.T. 0.02 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

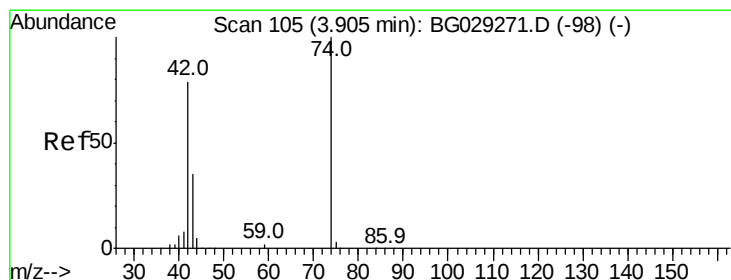
Tot Ion	Ratio	Lower	Upper
79	100		
52	75.8	69.9	104.9
51	37.7	34.0	51.0

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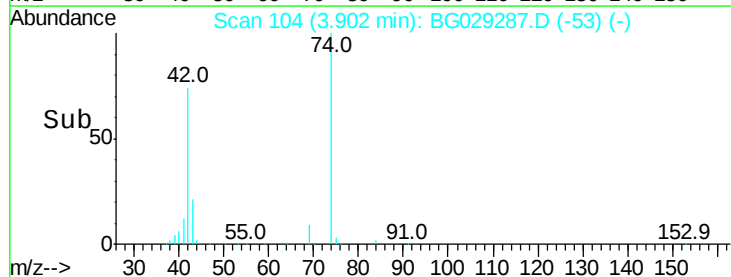
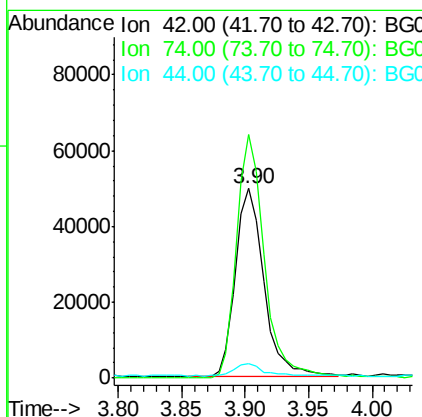
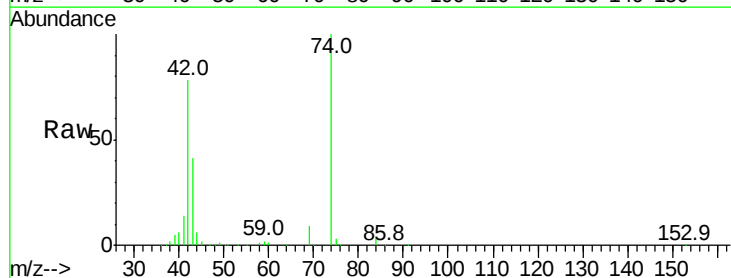
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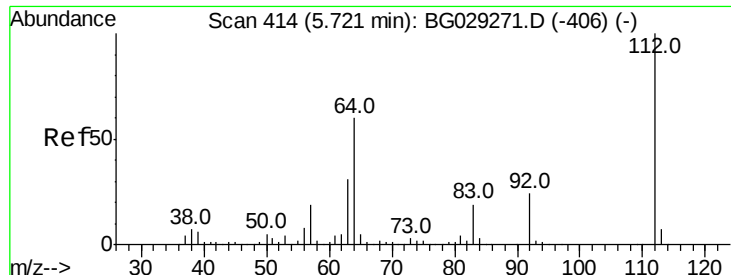
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#4
 n-Nitrosodimethylamine
 Concen: 34.447 ng
 RT: 3.90 min Scan# 104
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.3	102.5	153.7
44	7.8	18.9	28.3





#5

2-Fluorophenol

Concen: 131.909 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

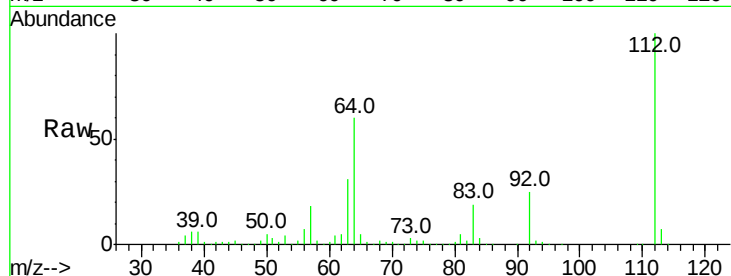
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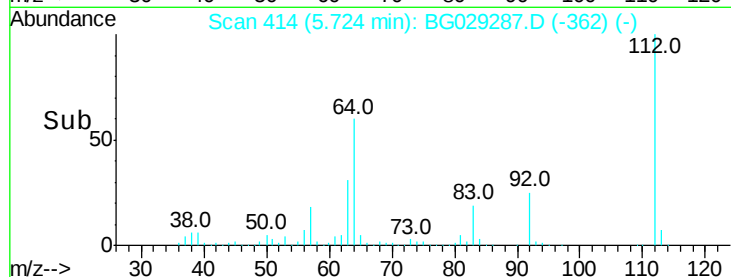
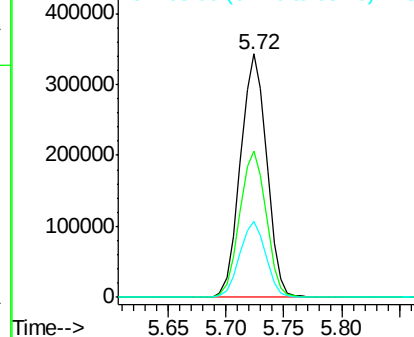
WC-101117-SOILMS

Tot Ion:	112	Resp:	540001
Ion Ratio	Lower	Upper	
112	100		
64	60.1	56.3	84.5
63	31.0	30.1	45.1

Manual Integrations
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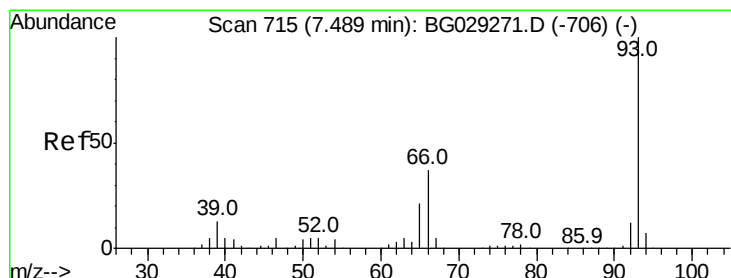


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 22.372 ng

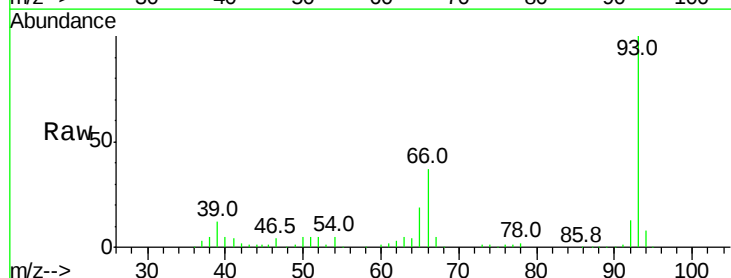
RT: 7.50 min Scan# 716

Delta R.T. 0.01 min

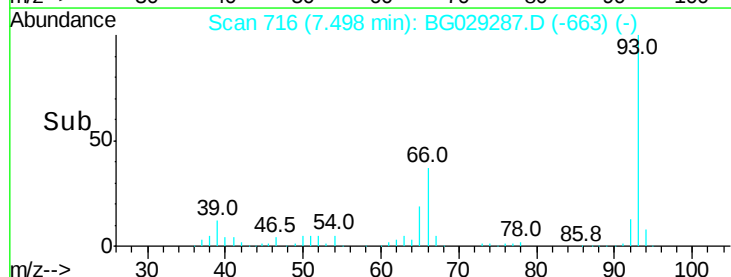
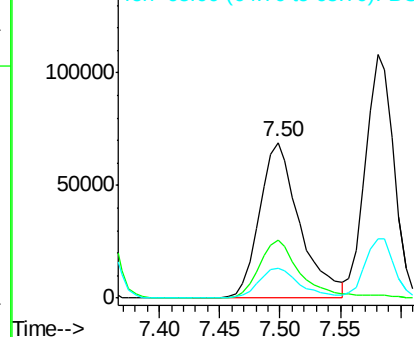
Lab File: BG029287.D

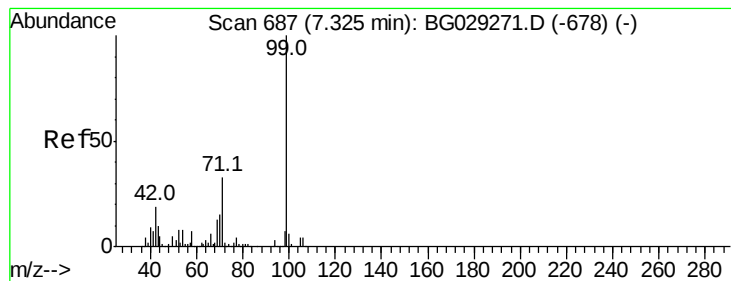
Acq: 17 Oct 2017 1:25

Tgt Ion:	93	Resp:	159185
Ion Ratio	Lower	Upper	
93	100		
66	37.4	33.7	50.5
65	19.3	16.1	24.1



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





#7

Phenol-d6

Concen: 117.580 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

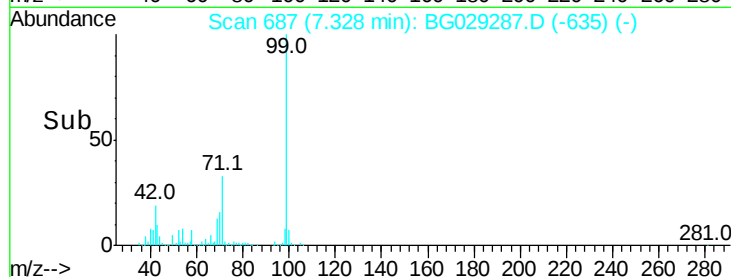
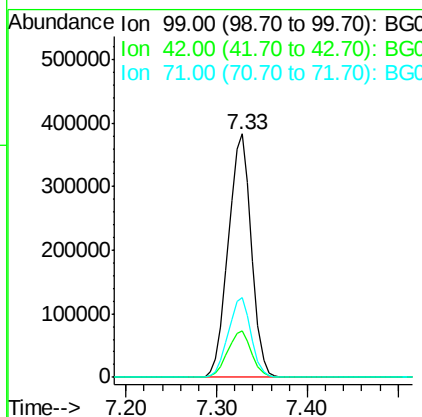
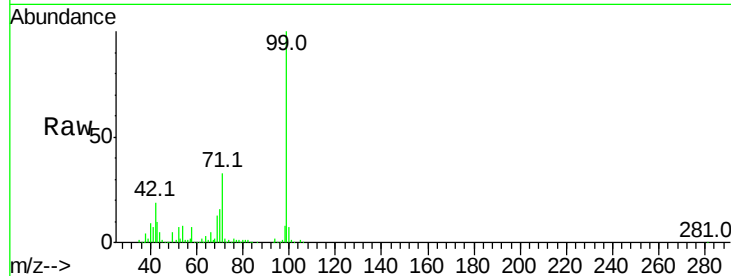
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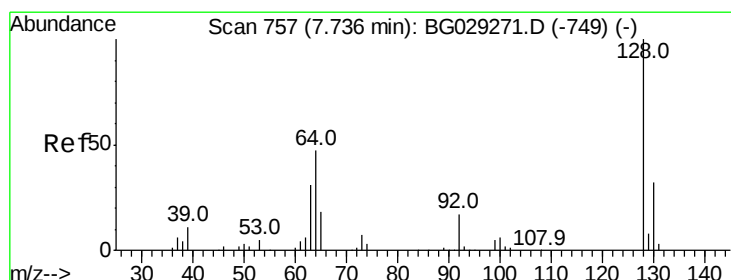
Tot Ion:	99	Resp:	675636
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.1	21.1
71	32.7	26.1	39.1

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#8

2-Chlorophenol

Concen: 39.178 ng

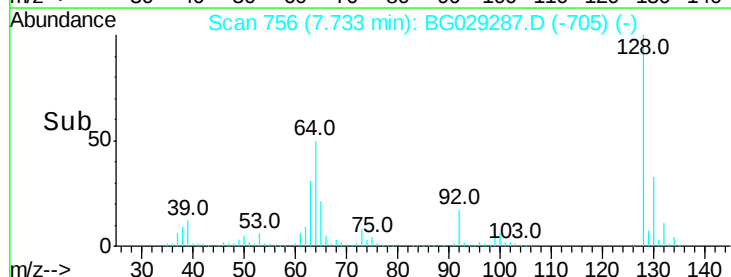
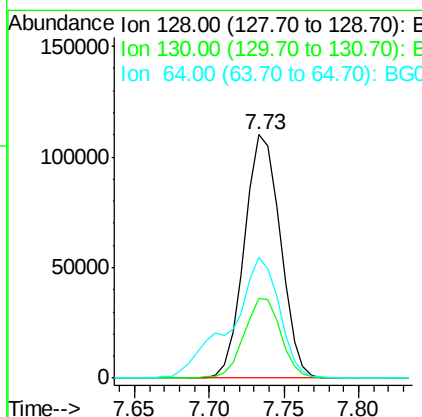
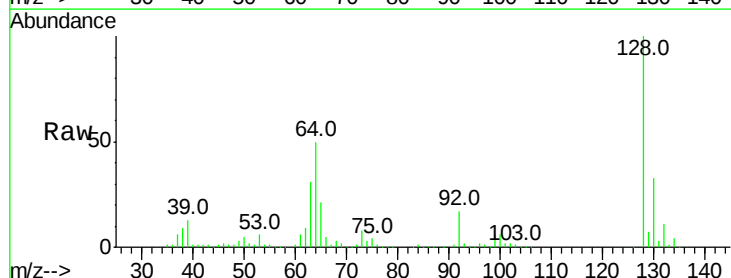
RT: 7.73 min Scan# 756

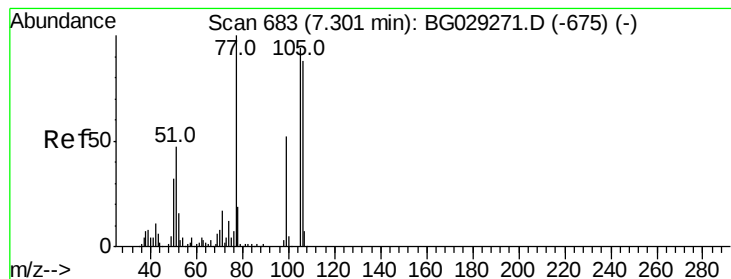
Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Tgt Ion:	128	Resp:	183837
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	49.8	37.7	77.7





#9

Benzaldehyde

Concen: 23.071 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMS

Tot Ion: 77 Resp: 66679

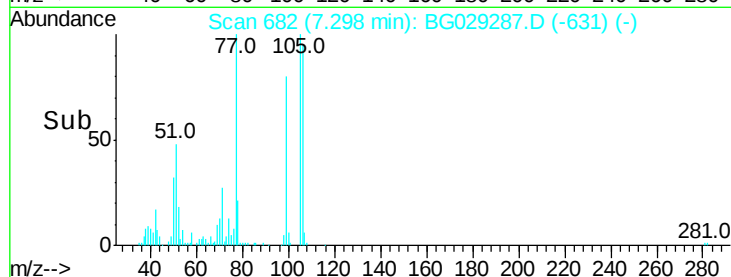
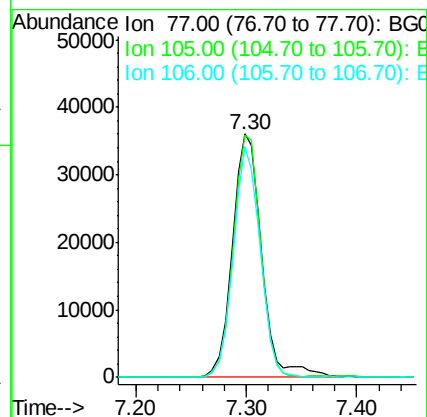
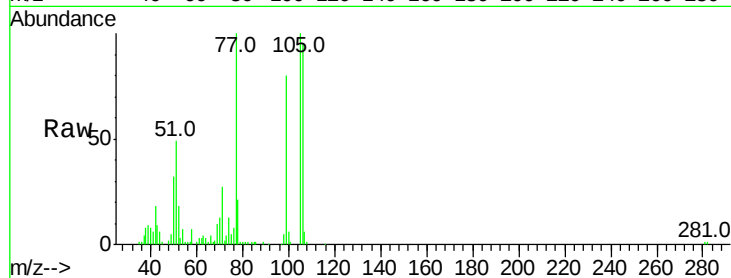
Ion Ratio Lower Upper

77 100

105 99.7 71.3 111.3

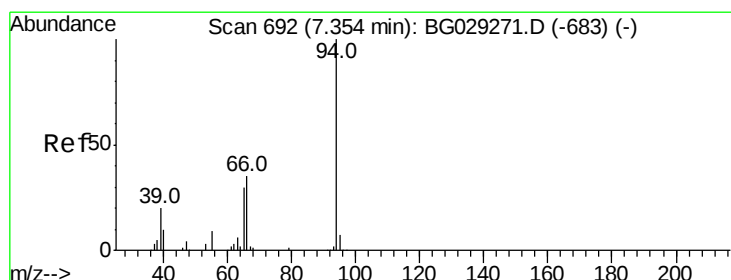
106 94.8 64.2 104.2

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#10

Phenol

Concen: 34.757 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029287.D

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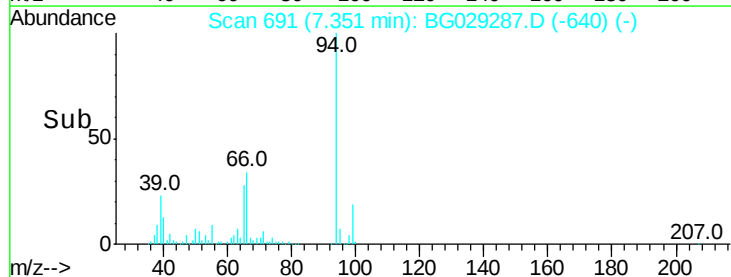
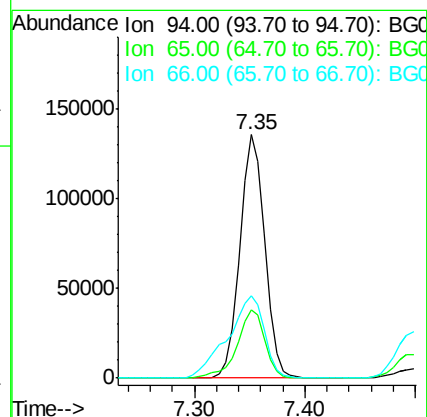
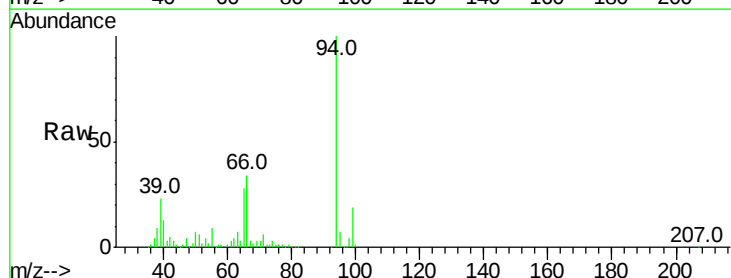
Tgt Ion: 94 Resp: 215319

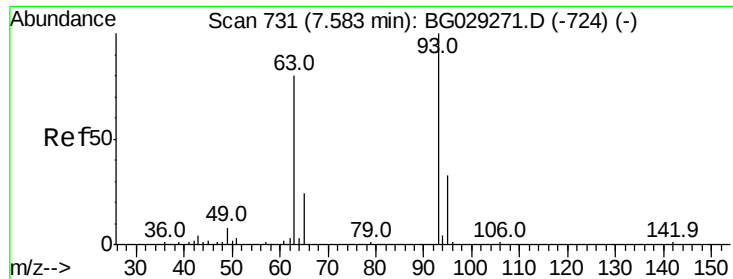
Ion Ratio Lower Upper

94 100

65 27.8 11.9 51.9

66 34.0 22.2 62.2



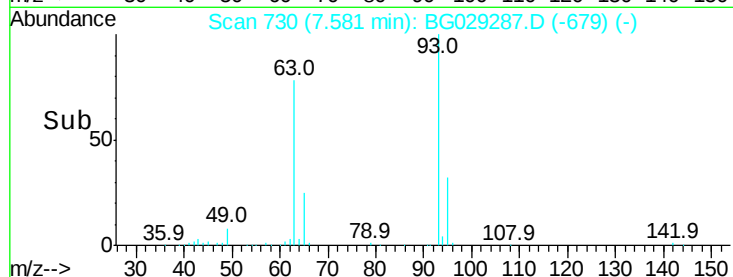
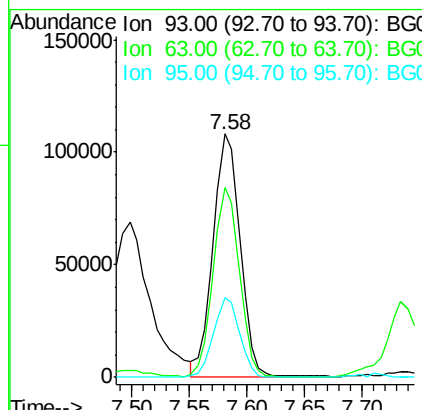
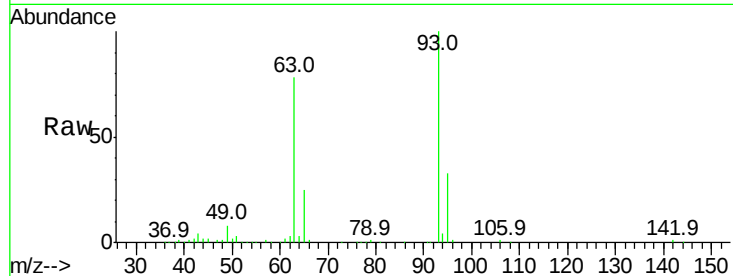


#11
bis(2-Chloroethyl)ether
Concen: 39.502 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

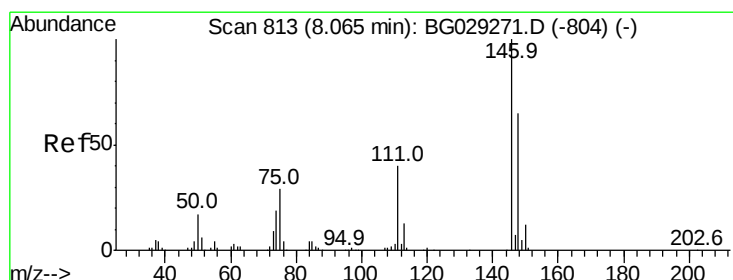
Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.0		67.1	107.1
95	32.5		11.5	51.5

Manual Integrations
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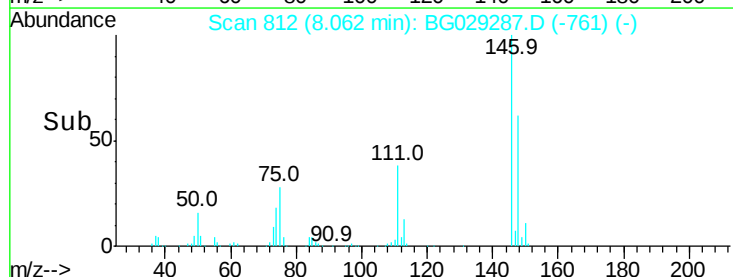
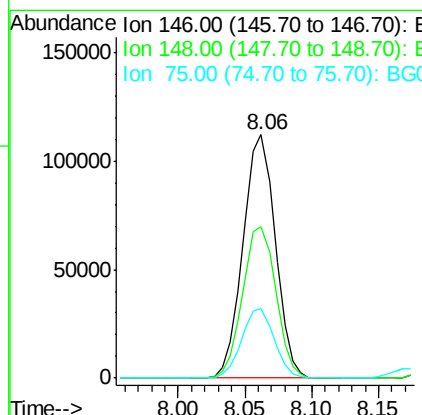
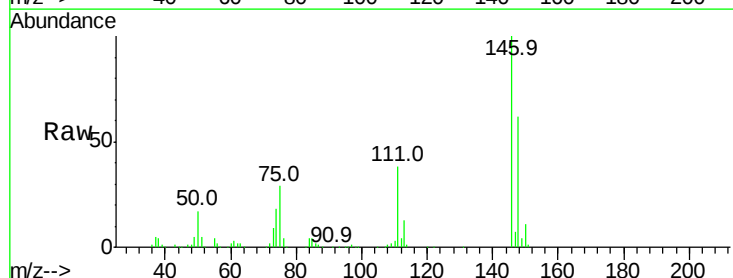
Sohil

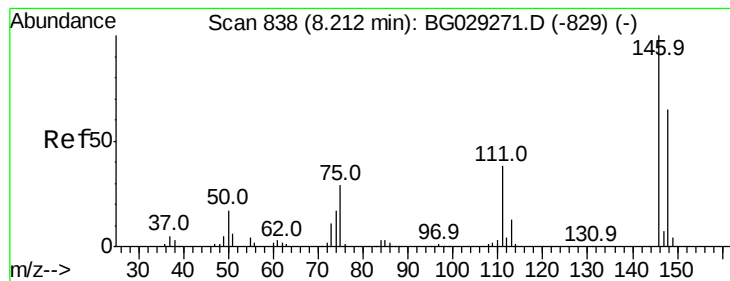
10/17/2017 5:04:12 PM



#12
1,3-Dichlorobenzene
Concen: 35.544 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.3		51.4	77.2
75	28.7		26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 35.657 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Tot Ion:	146	Resp:	191786
Ion Ratio	Lower	Upper	
146	100		
148	64.5	53.7	80.5
111	37.5	35.2	52.8

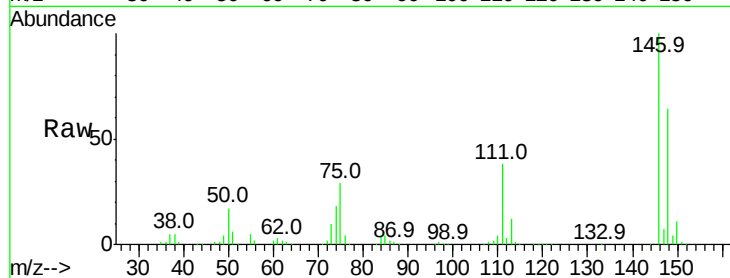
Instrument :

BNA_G

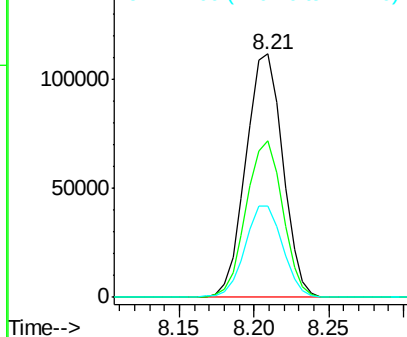
ClientSampleId :

WC-101117-SOILMS

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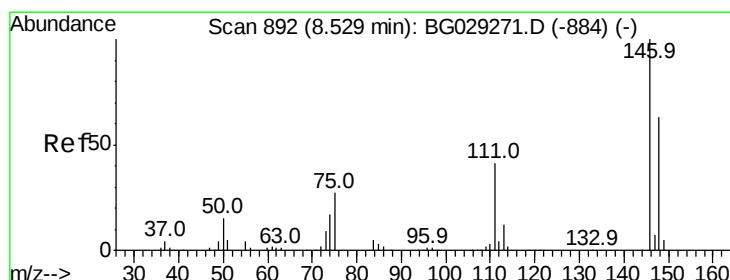
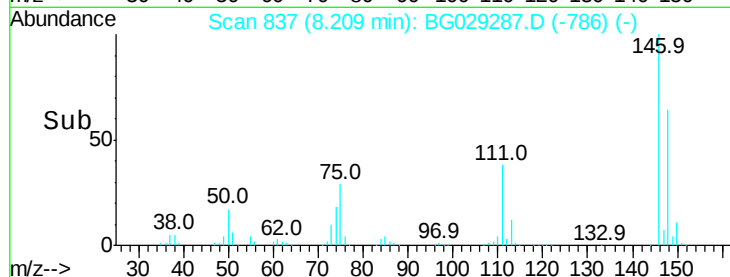


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 35.387 ng

RT: 8.53 min Scan# 891

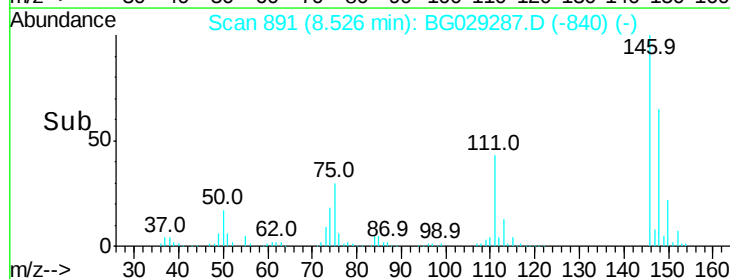
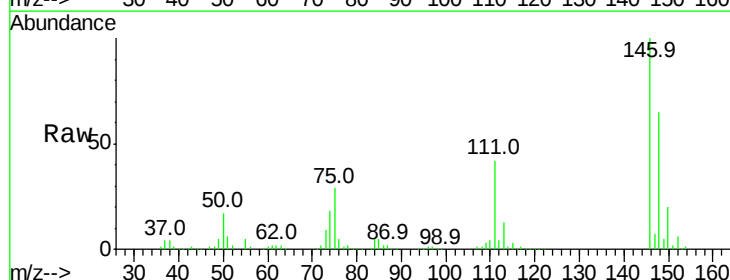
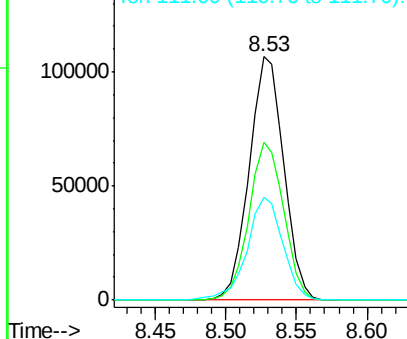
Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Tgt Ion:	146	Resp:	183582
Ion Ratio	Lower	Upper	
146	100		
148	64.7	49.3	73.9
111	42.0	34.3	51.5

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



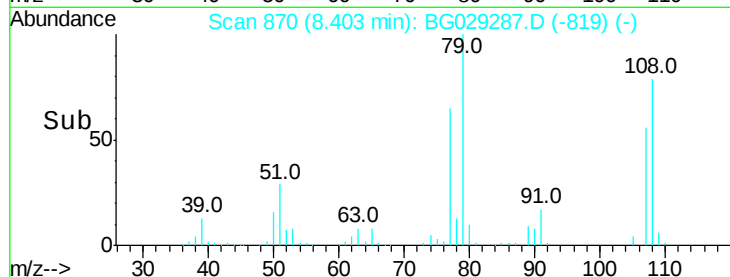
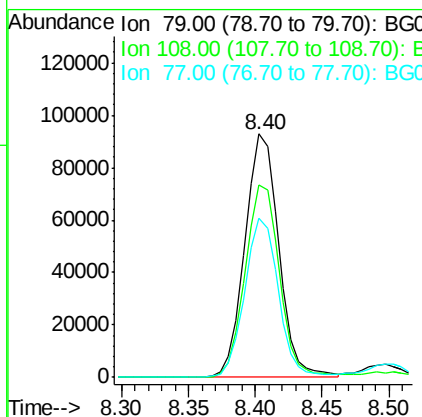
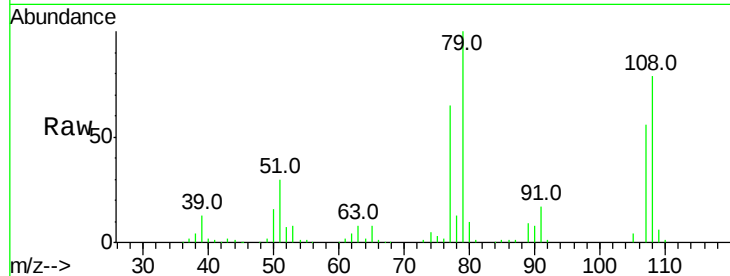


#15
Benzyl Alcohol
Concen: 40.273 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

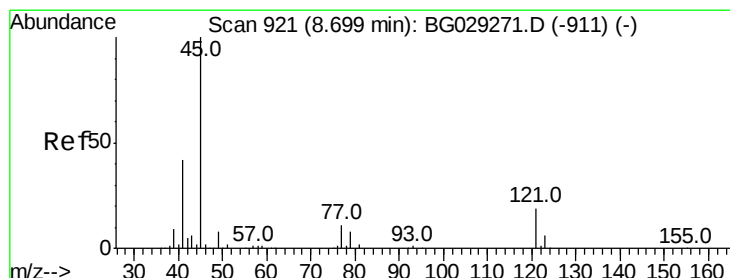
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	57.2	85.8
77	65.2	46.1	69.1

Manual Integrations
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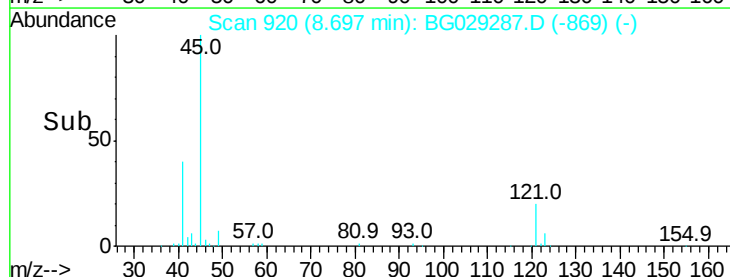
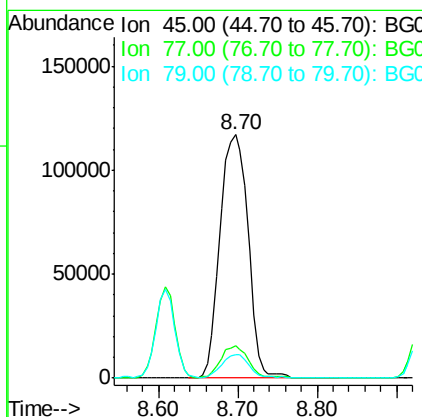
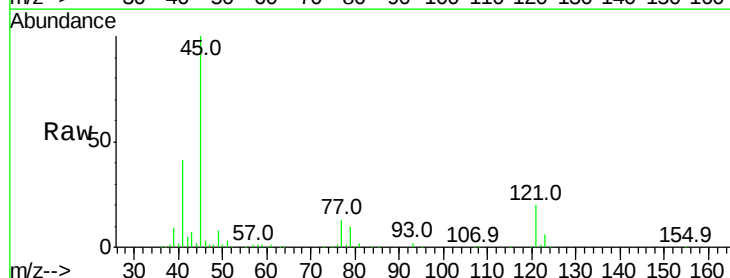
Sohil

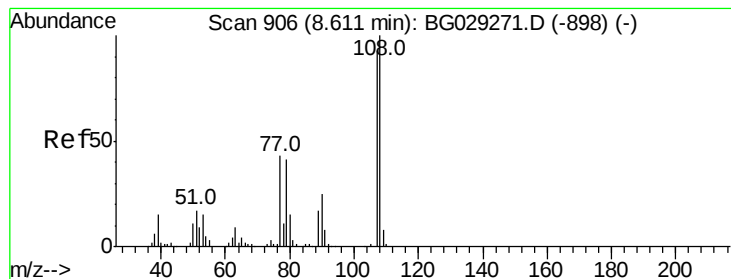
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.564 ng
RT: 8.70 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	30.2
79	9.7	0.0	27.9



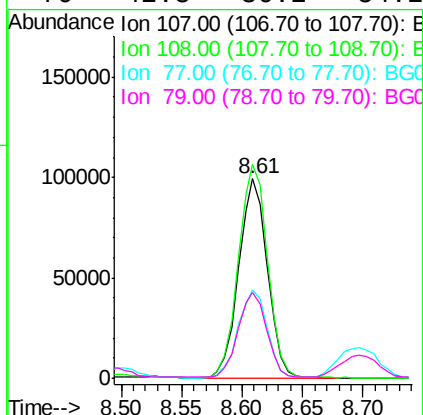
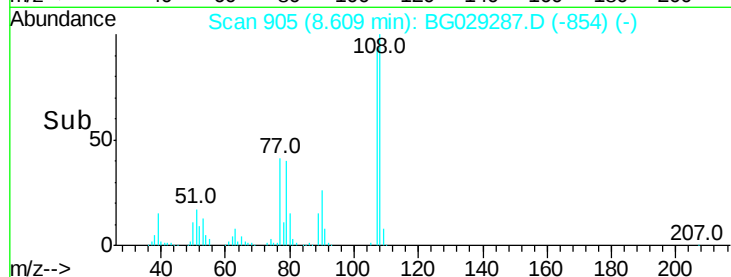
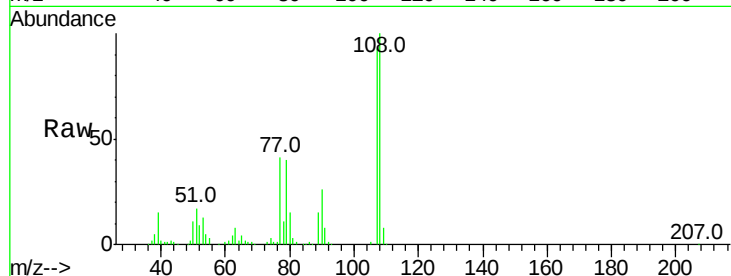


#17
2-Methylphenol
Concen: 40.239 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

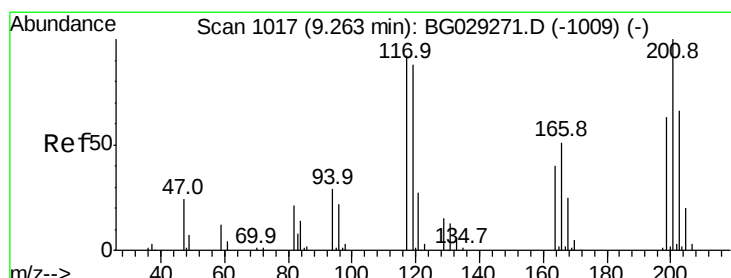
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	83.9	125.9	
77	44.2	37.2	55.8	
79	42.8	36.2	54.2	

Manual Integrations
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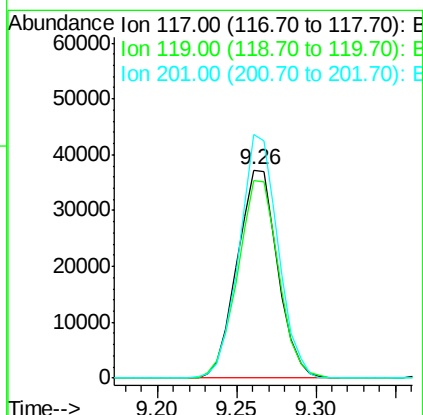
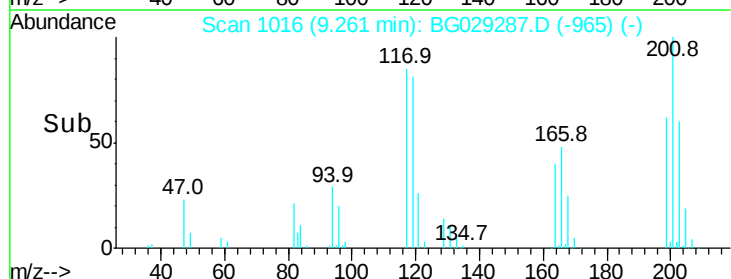
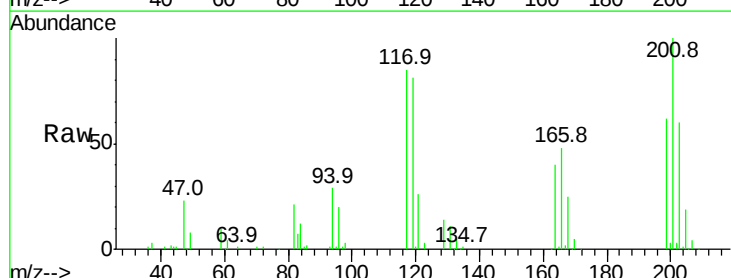
Sohil

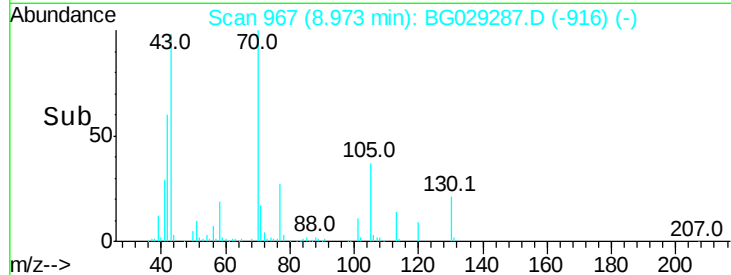
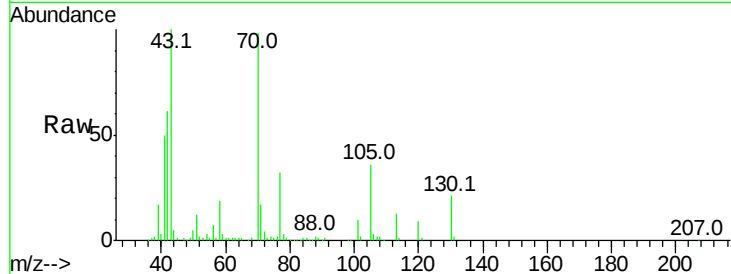
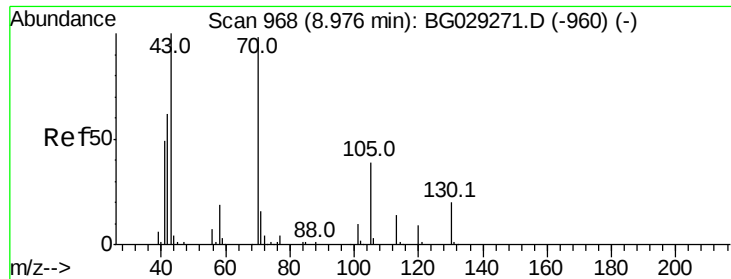
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#18
Hexachloroethane
Concen: 35.850 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.7	115.1	
201	117.1	95.7	143.5	



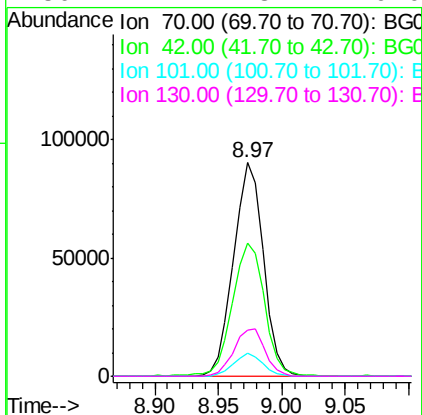


#19
n-Nitroso-di-n-propylamine
Concen: 37.587 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.4	49.1	73.7	
101	10.6	8.5	12.7	
130	21.4	13.4	20.0	

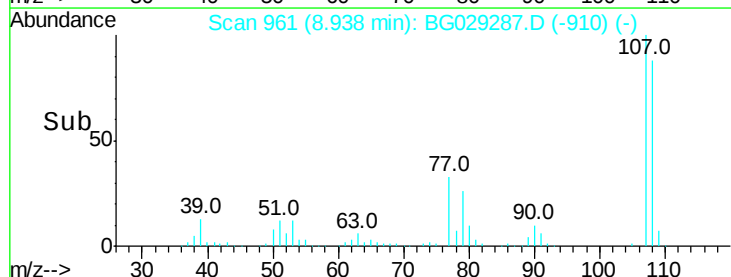
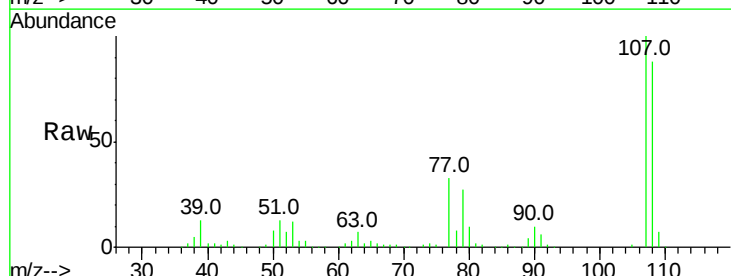
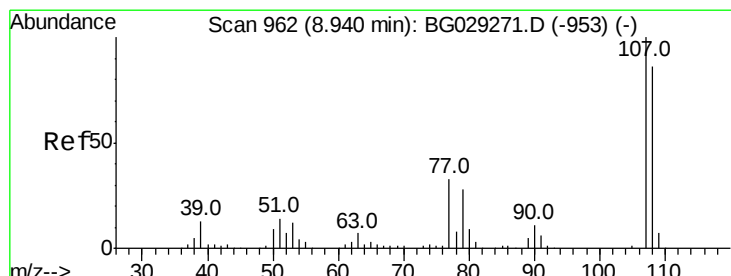
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Manual Integrations
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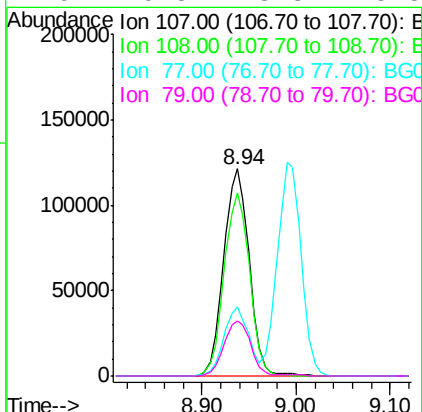
Sohil

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#20
3+4-Methylphenols
Concen: 39.354 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	61.6	101.6	
77	33.2	13.9	53.9	
79	26.8	8.8	48.8	



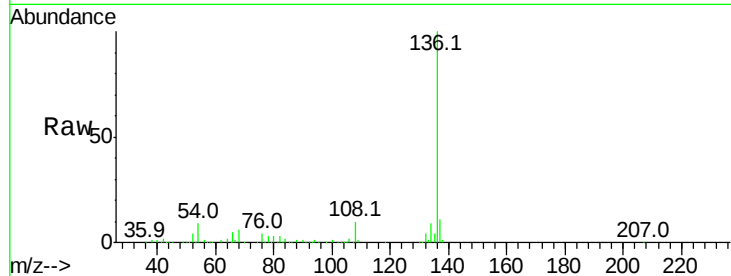


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

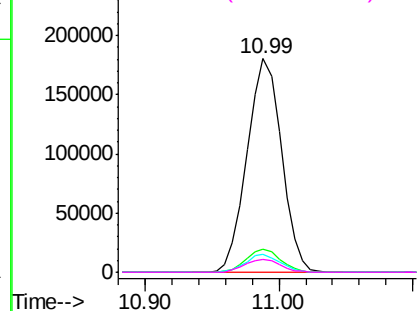
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	8.5	10.3	15.5	
68	6.0	4.5	6.7	

Manual Integrations
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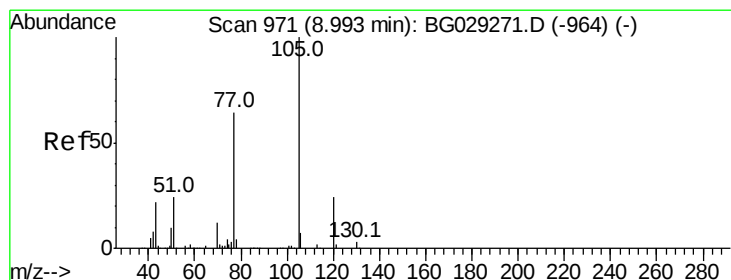
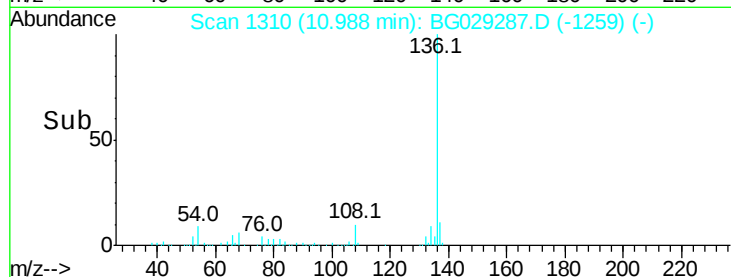


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



Sohil

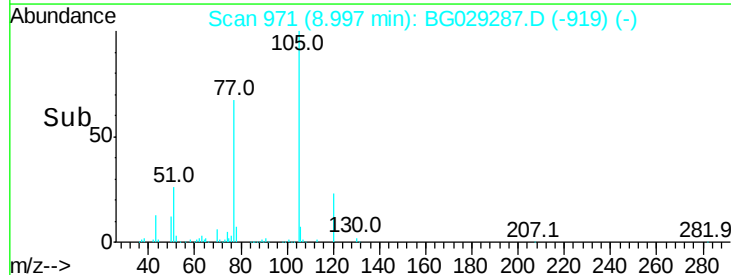
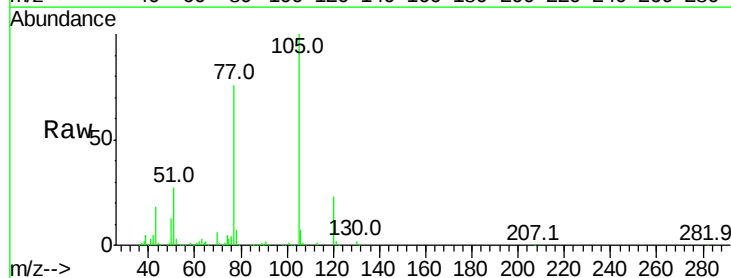
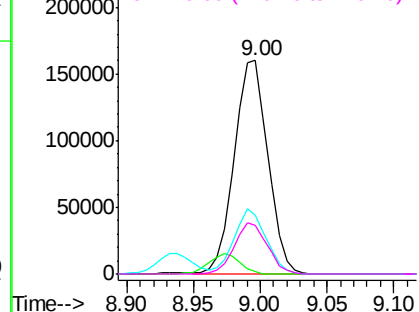
10/17/2017 5:04:12 PM

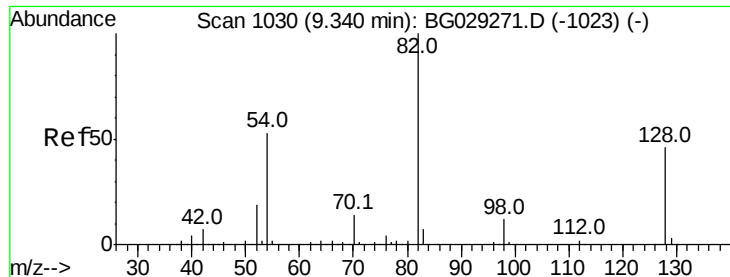


#22
Acetophenone
Concen: 36.185 ng
RT: 9.00 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4	
51	27.5	26.1	39.1	
120	22.8	17.4	26.2	

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



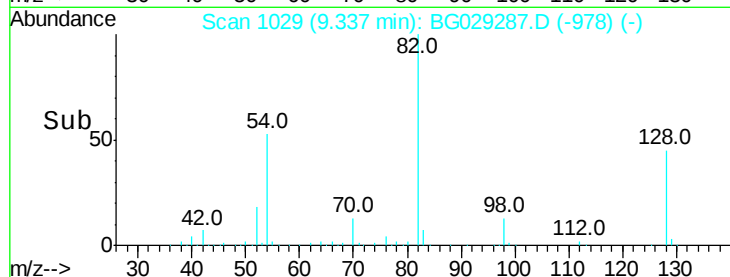
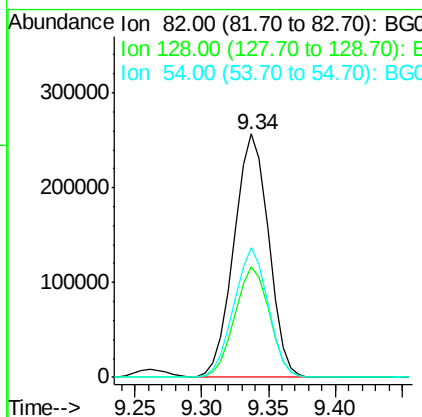
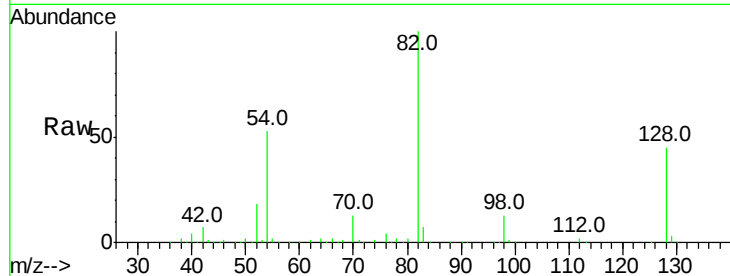


#23
Nitrobenzene-d5
Concen: 91.273 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

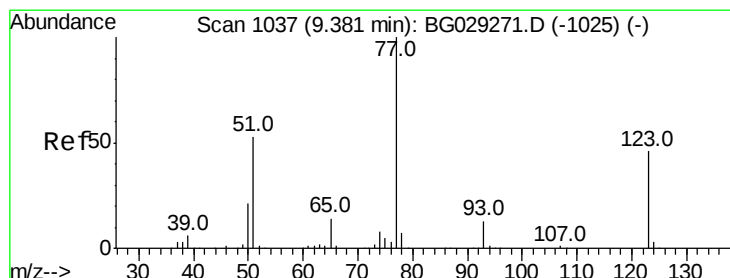
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	53.3	43.1	64.7

Manual Integrations
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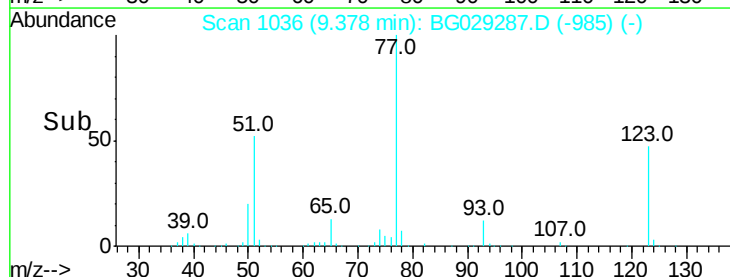
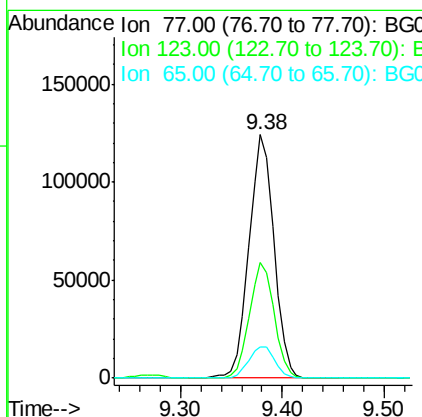
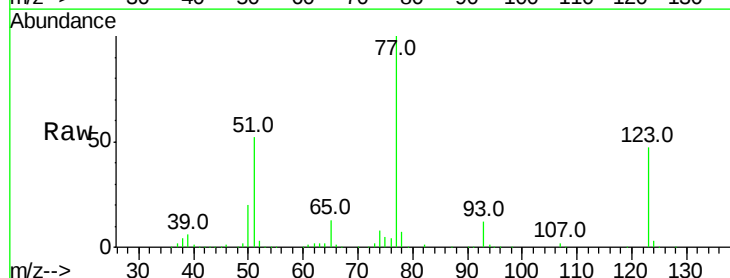
Sohil

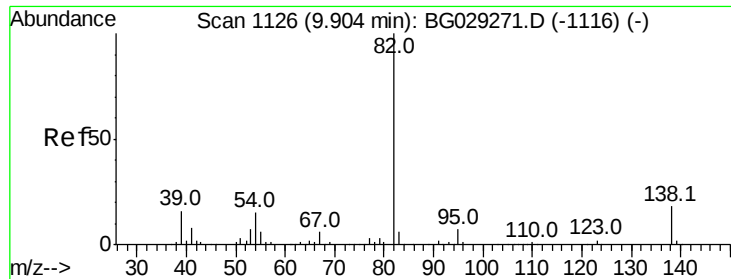
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#24
Nitrobenzene
Concen: 37.252 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	33.0	49.6
65	13.0	13.0	19.6#





#25

Isophorone

Concen: 39.785 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

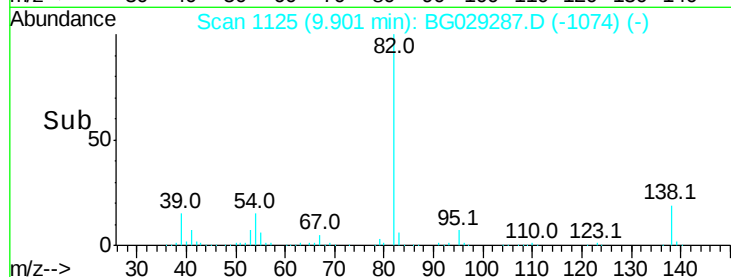
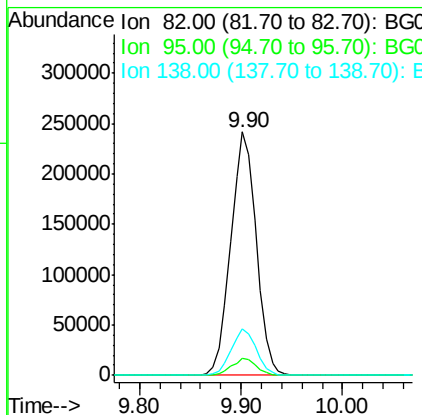
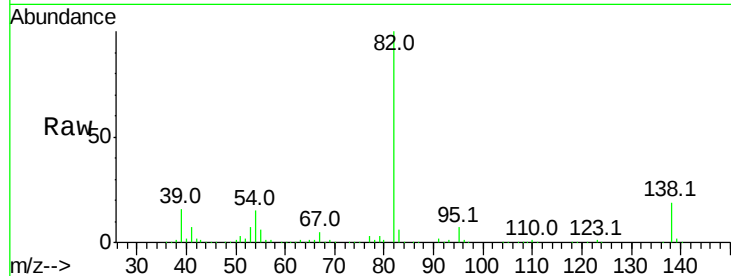
BNA_G

ClientSampleId :

WC-101117-SOILMS

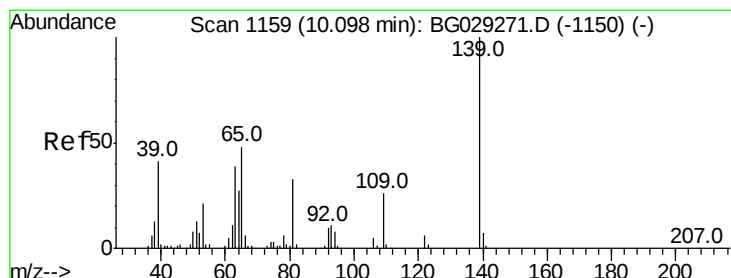
Tot Ion:	82	Resp:	420715
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.2	9.2
138	18.9	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.976 ng

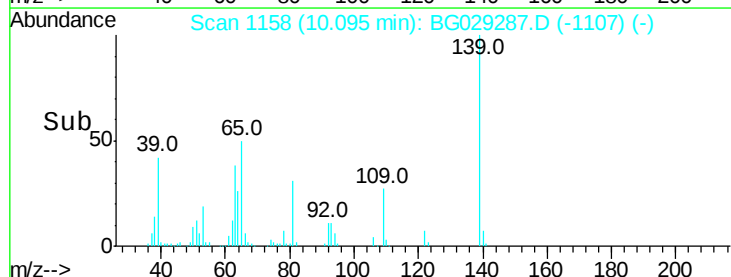
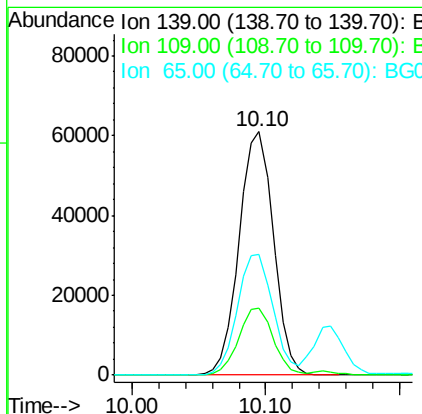
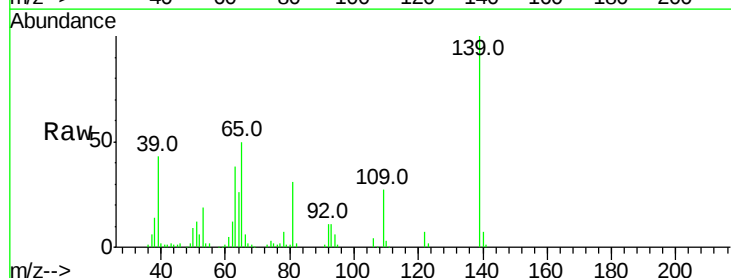
RT: 10.10 min Scan# 1158

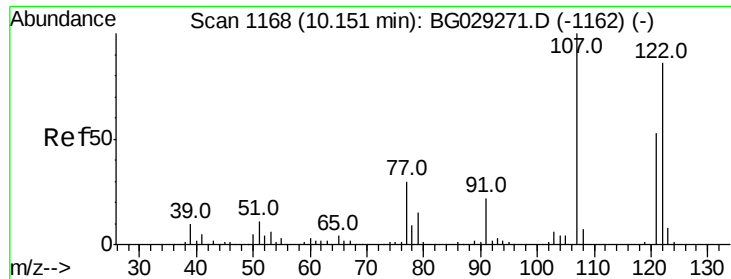
Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Tgt Ion:	139	Resp:	108819
Ion Ratio	Lower	Upper	
139	100		
109	27.5	24.2	36.2
65	49.6	47.4	71.0



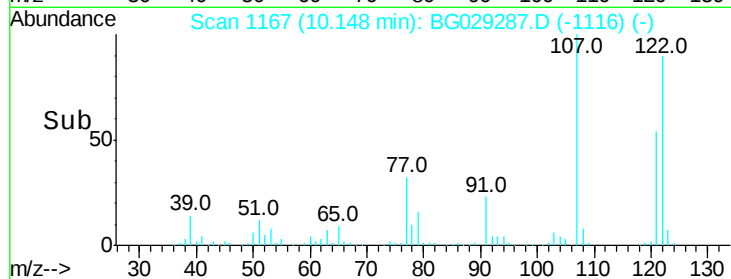
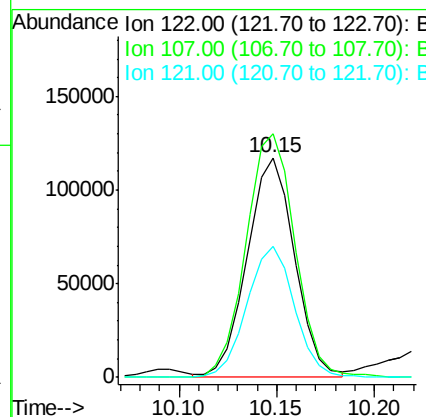
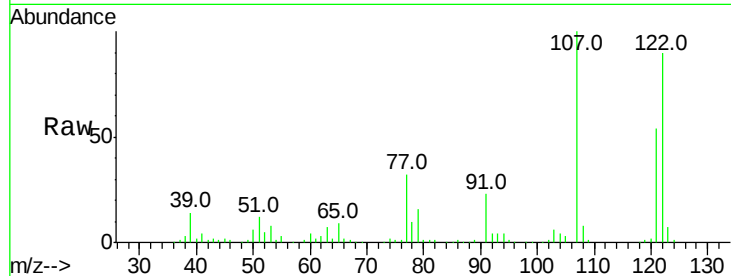


#27
2,4-Dimethylphenol
Concen: 40.018 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

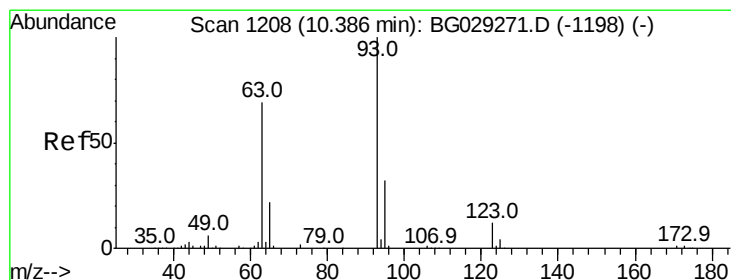
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	100.2	150.2
121	59.9	44.4	66.6

Manual Integrations
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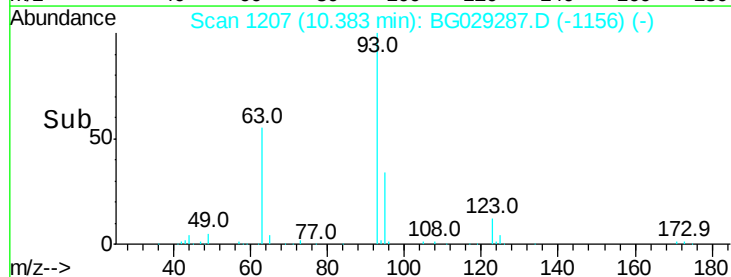
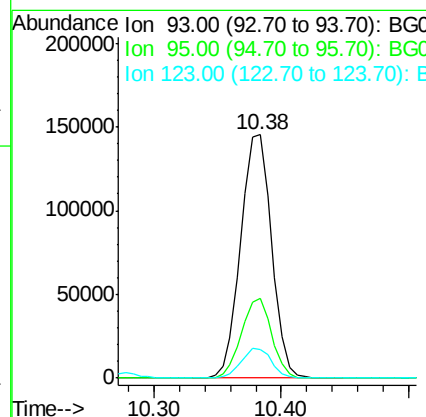
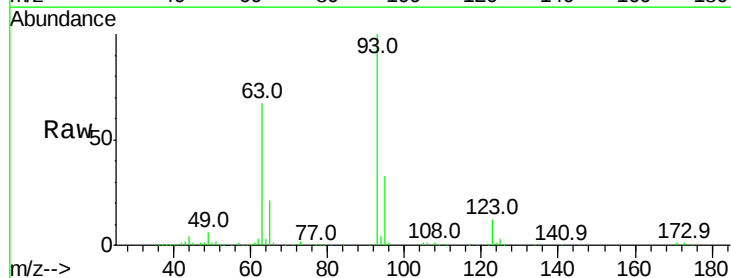
Sohil

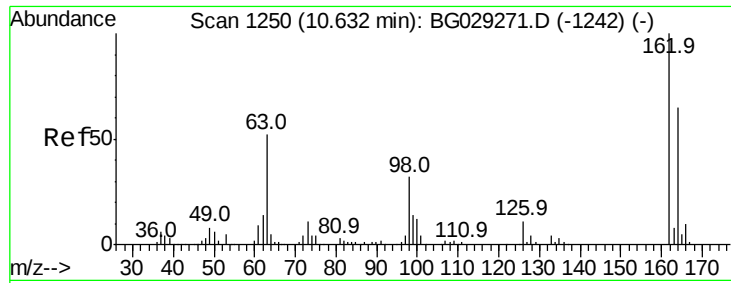
10/17/2017 5:04:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.856 ng
RT: 10.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.3	36.5
123	11.8	8.4	12.6



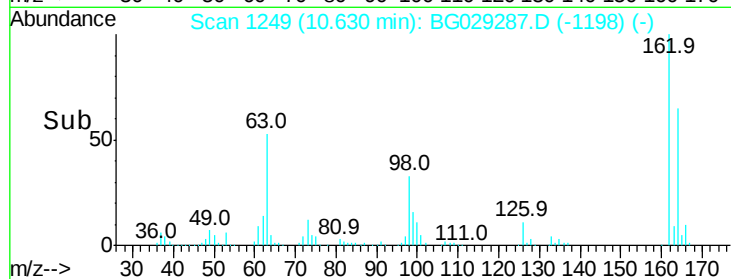
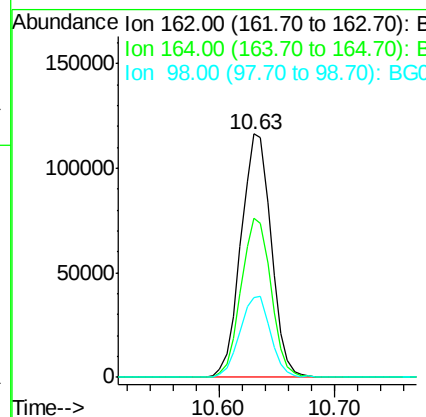
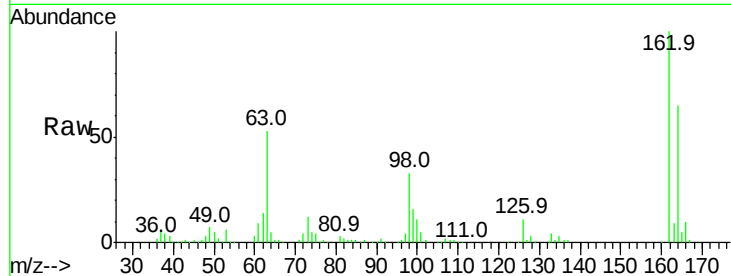


#29
 2,4-Dichlorophenol
 Concen: 40.241 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

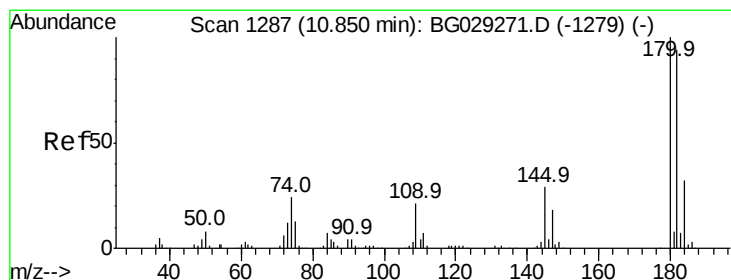
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	48.0	88.0
98	32.7	21.1	61.1

Manual Integrations
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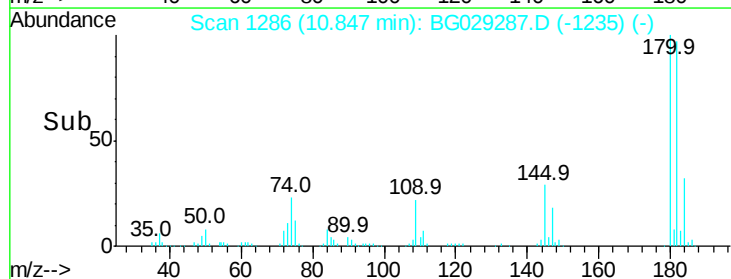
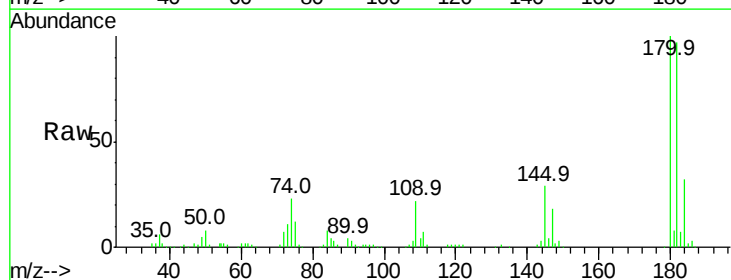
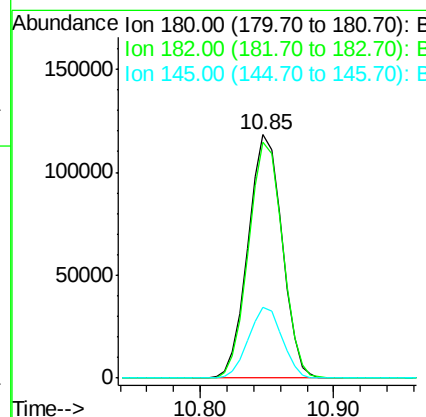
Sohil

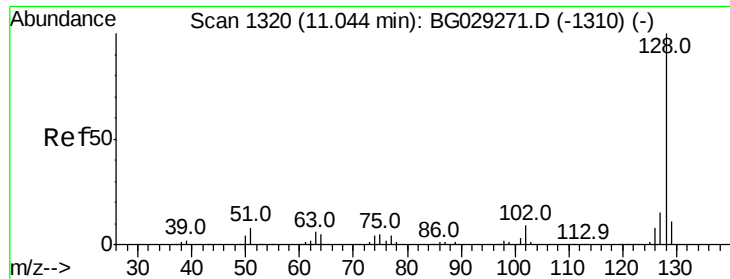
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.568 ng
 RT: 10.85 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.8	77.5	116.3
145	28.9	23.4	35.2



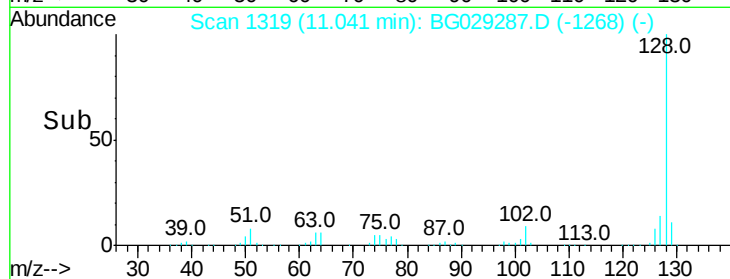
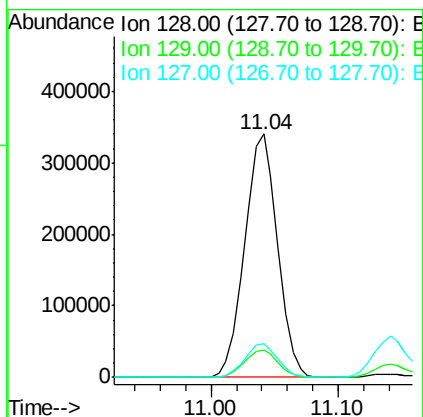
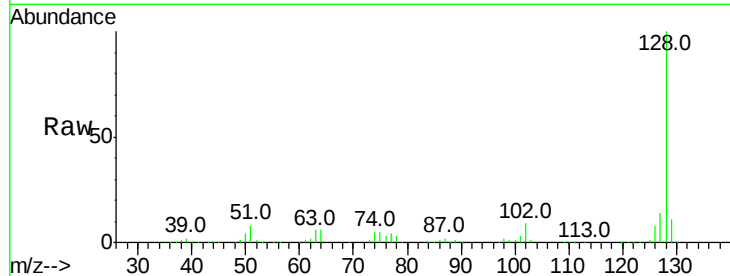


#31
Naphthalene
Concen: 38.119 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

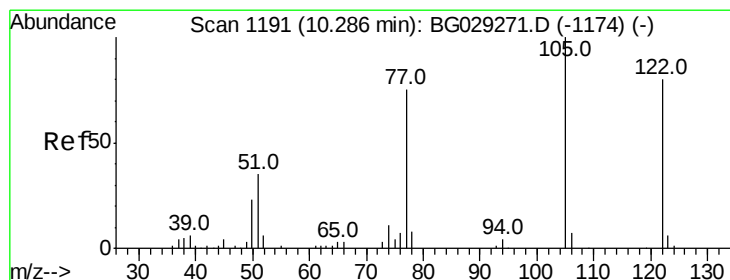
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.0	11.6	17.4

Manual Integrations
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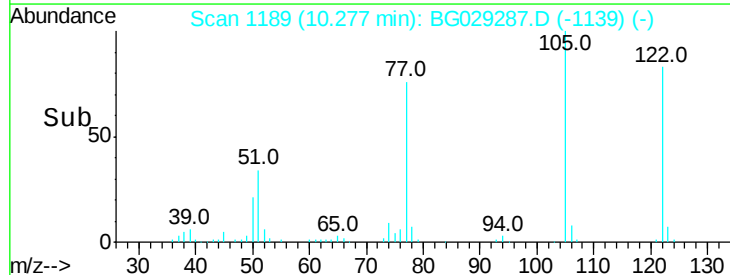
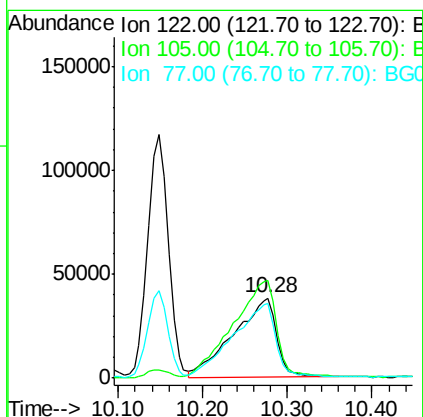
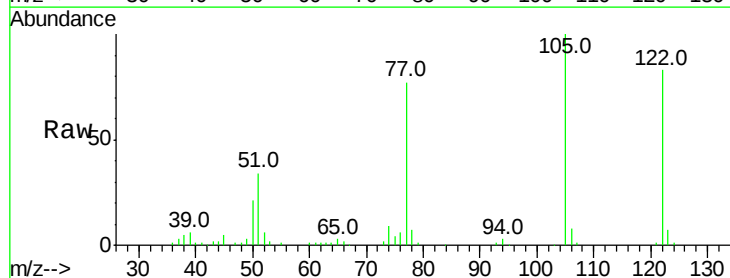
Sohil

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#32
Benzoic acid
Concen: 32.706 ng
RT: 10.28 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	123.5	163.5#
77	92.8	85.7	125.7



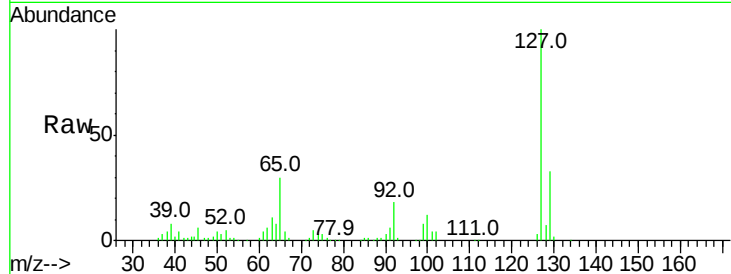


#33
4-Chloroaniline
Concen: 16.173 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

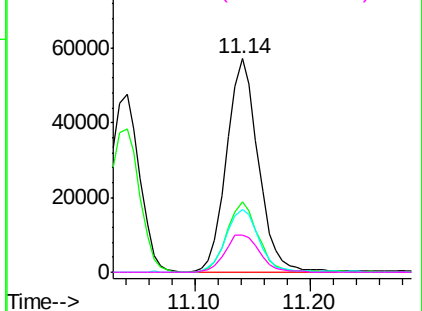
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	24.0	36.0		
65	29.6	27.0	40.4		
92	17.7	16.6	25.0		

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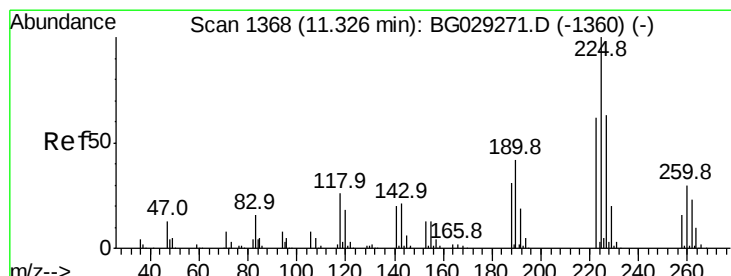
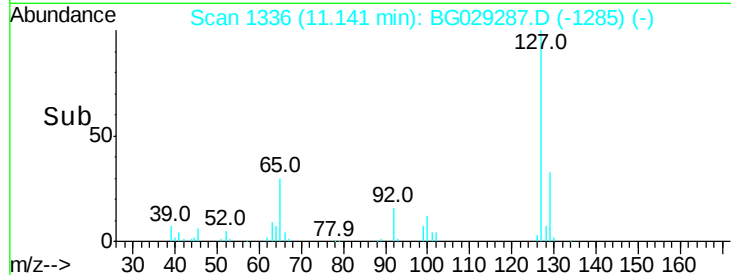


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



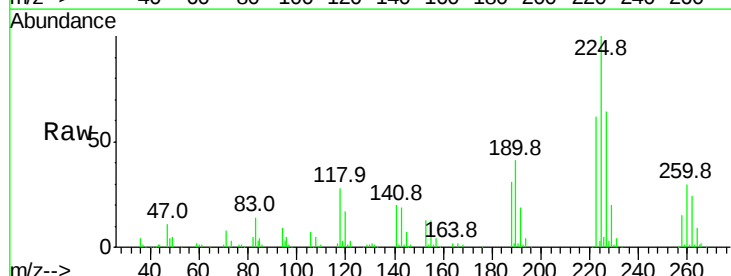
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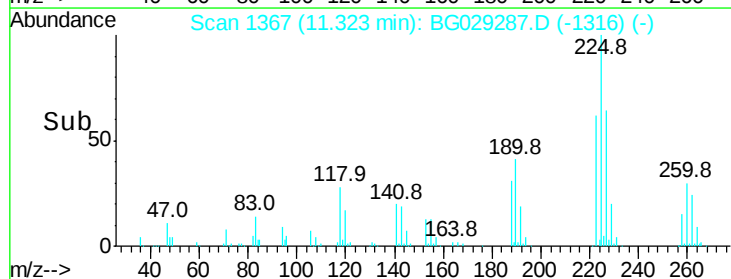
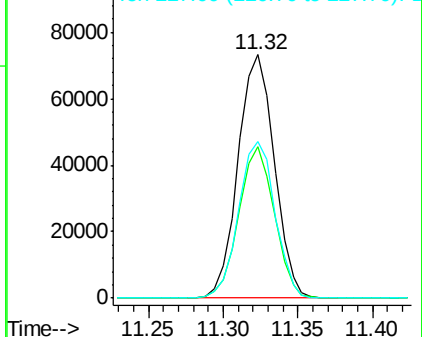


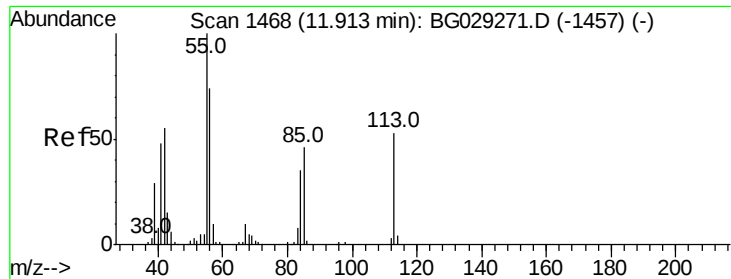
#34
Hexachlorobutadiene
Concen: 34.996 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.7	74.5		
227	64.2	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: 34.486 ng/ml

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMS

Tot Ion:113 Resp: 60193

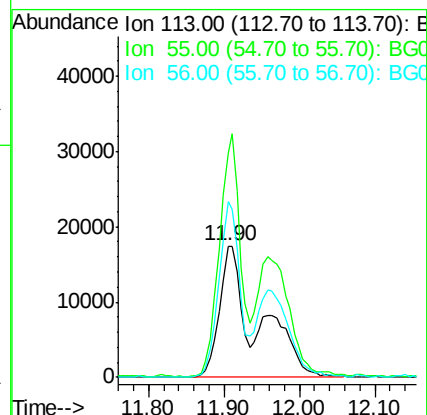
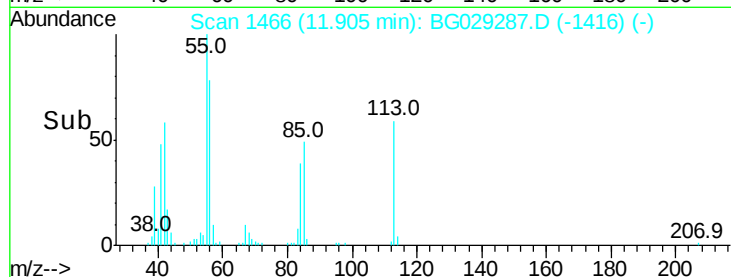
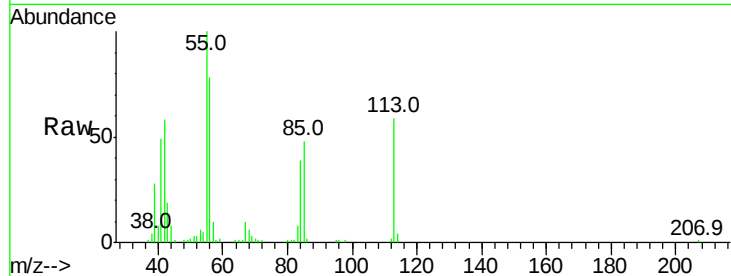
Ion Ratio Lower Upper

113 100

55 170.8 186.9 226.9#

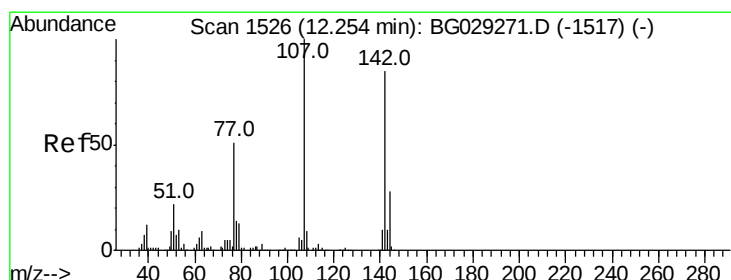
56 133.1 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 39.354 ng/ml

RT: 12.25 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

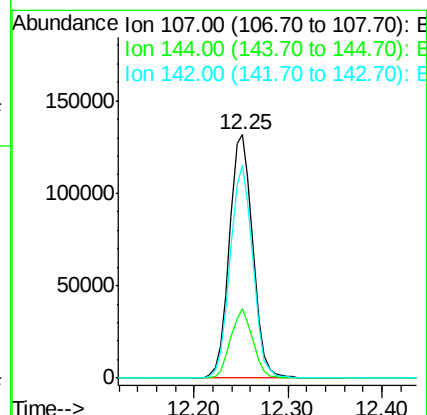
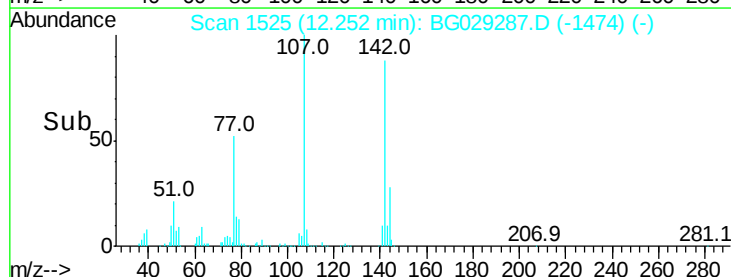
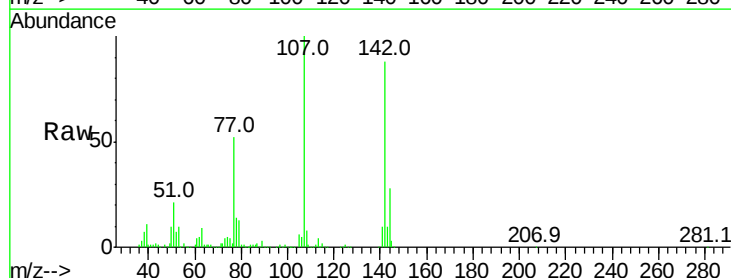
Tgt Ion:107 Resp: 227320

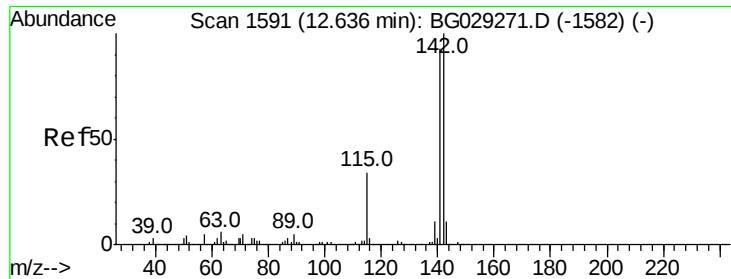
Ion Ratio Lower Upper

107 100

144 28.5 18.2 27.4#

142 87.6 59.0 88.4



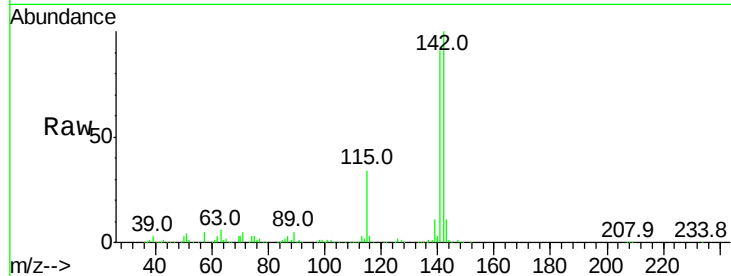


#37
2-Methylnaphthalene
Concen: 41.022 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

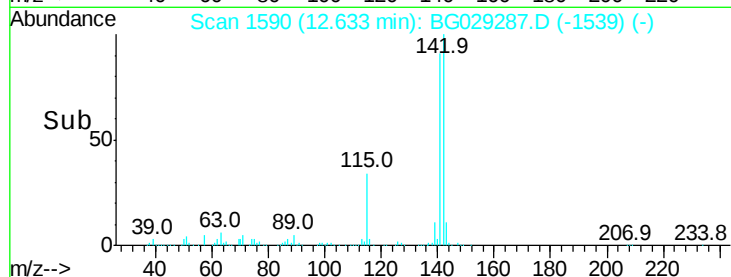
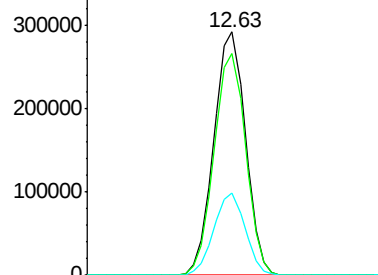
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	67.1	100.7
115	33.7	30.7	46.1

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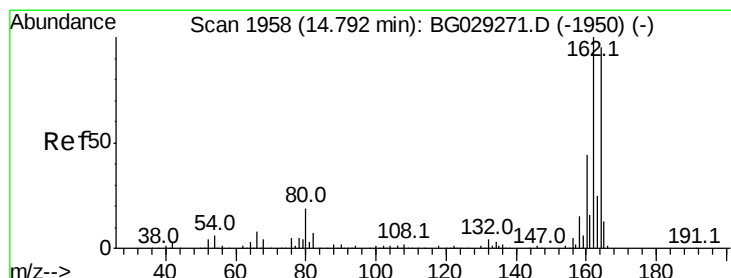


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



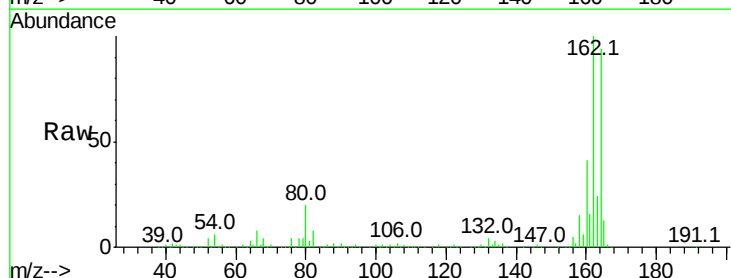
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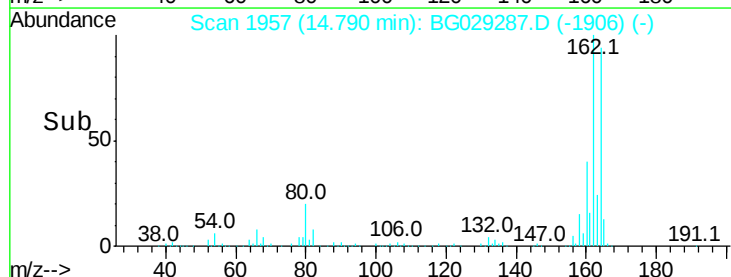
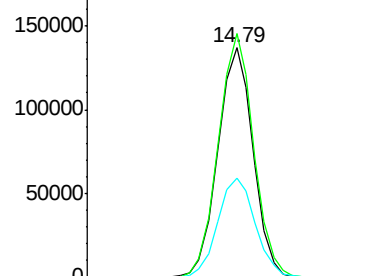


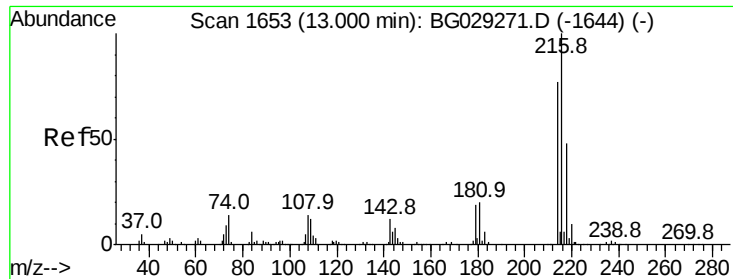
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	43.1	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



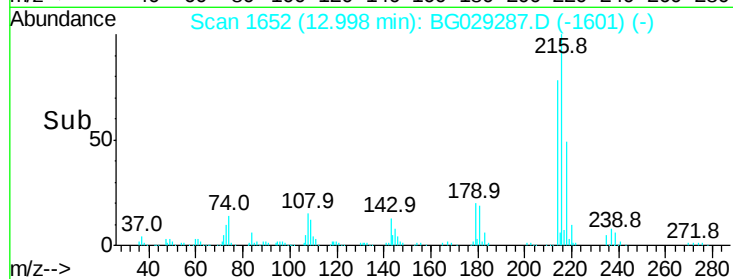
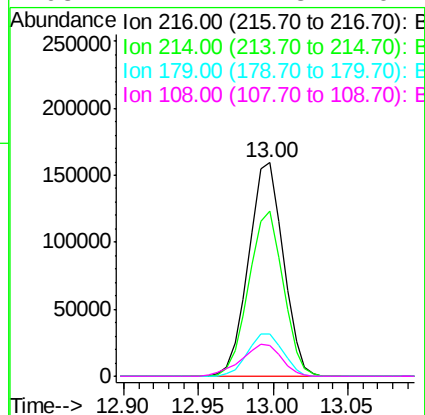
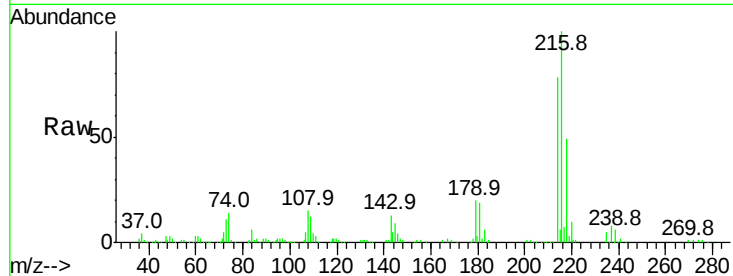


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.311 ng
 RT: 13.00 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

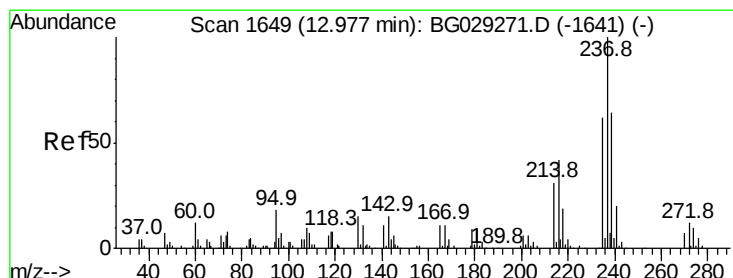
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.8	63.0	94.4
179	20.4	17.0	25.6
108	17.4	12.8	19.2

Manual Integrations
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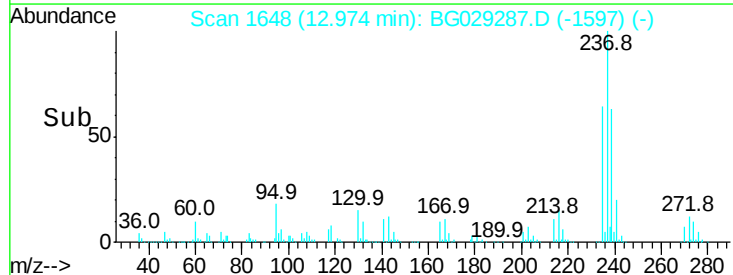
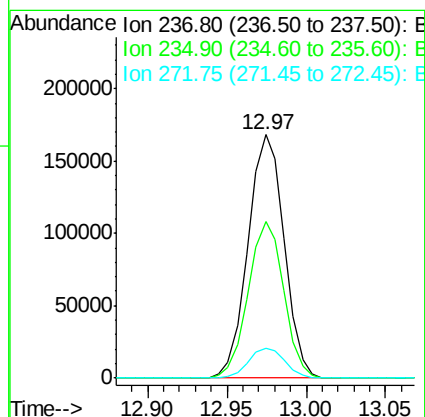
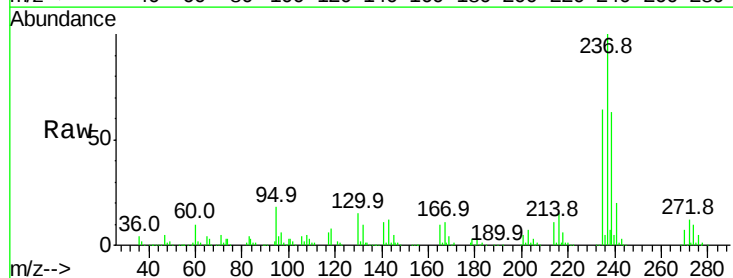
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#40
 Hexachlorocyclopentadiene
 Concen: 90.649 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	50.4	90.4
272	12.4	0.0	31.8



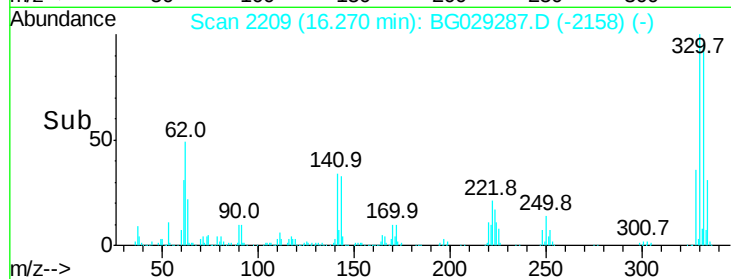
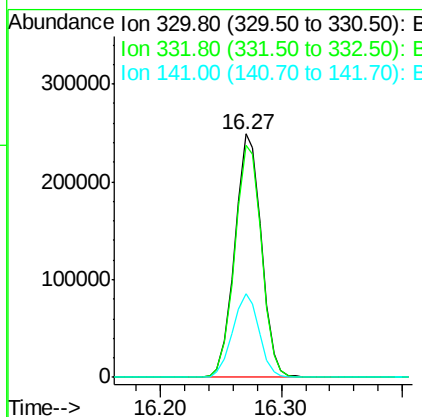
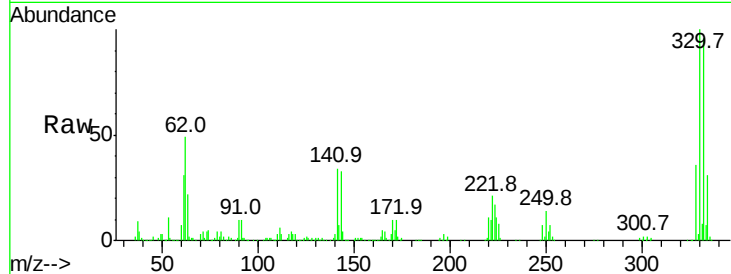


#41
 2,4,6-Tribromophenol
 Concen: 140.312 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

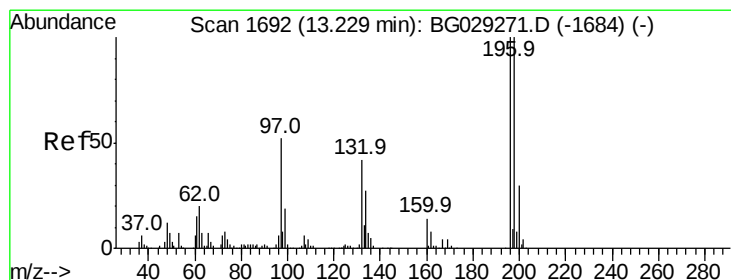
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	34.1	25.2	37.8	

Manual Integrations
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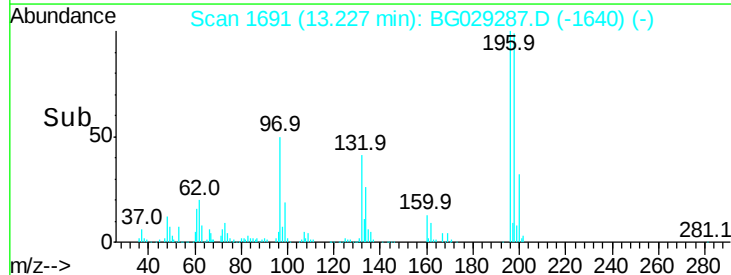
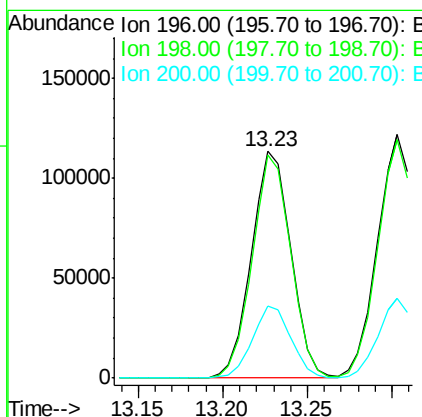
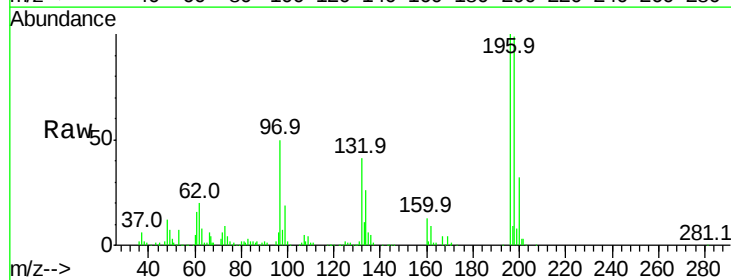
Sohil

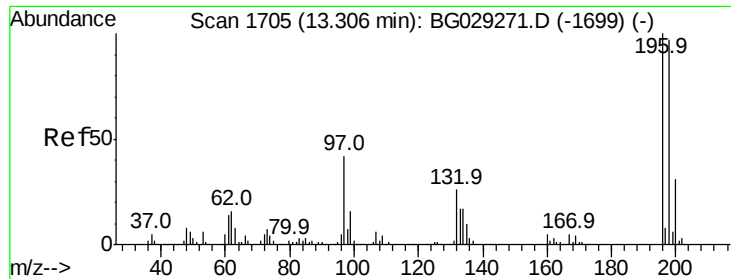
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#42
 2,4,6-Trichlorophenol
 Concen: 38.252 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	78.2	117.2	
200	31.6	24.6	36.8	



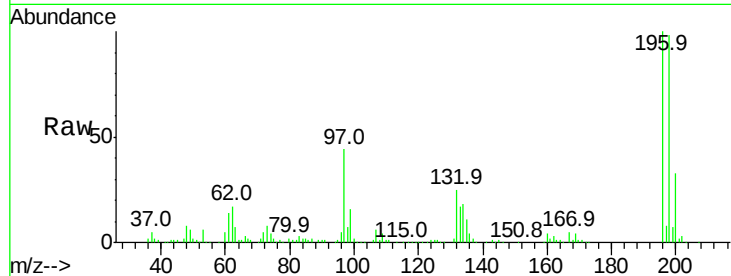


#43
 2,4,5-Trichlorophenol
 Concen: 40.743 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

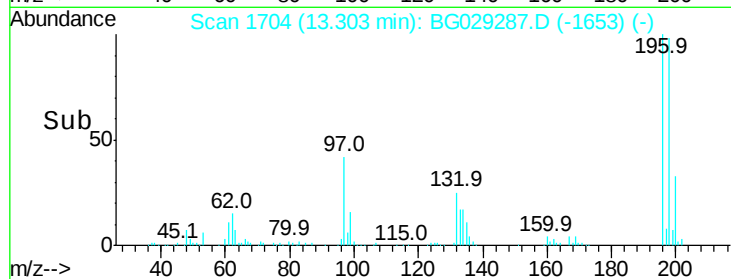
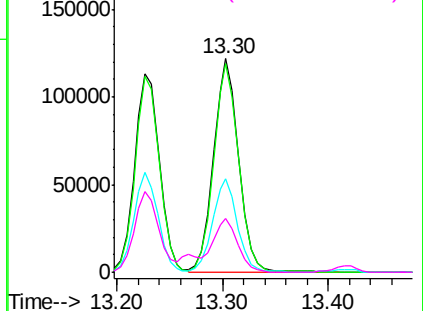
Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201795		
198	97.9	76.2	114.4	
97	43.7	38.7	58.1	
132	24.9	20.2	30.2	

Manual Integrations
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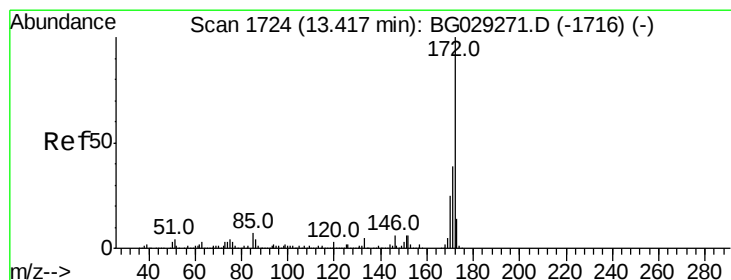


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



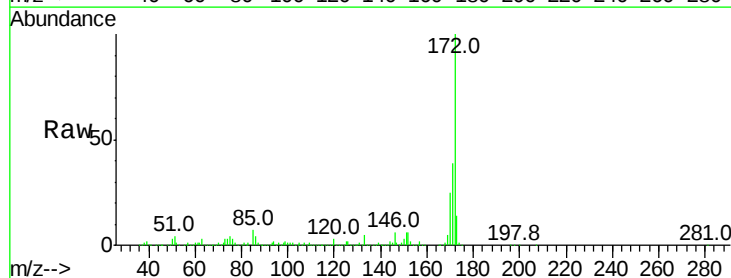
Sohil

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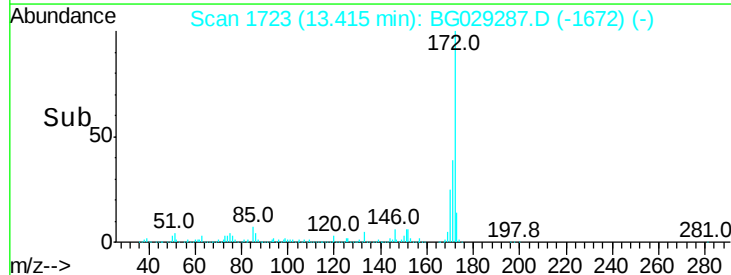
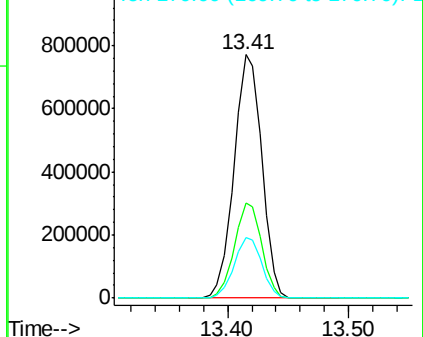


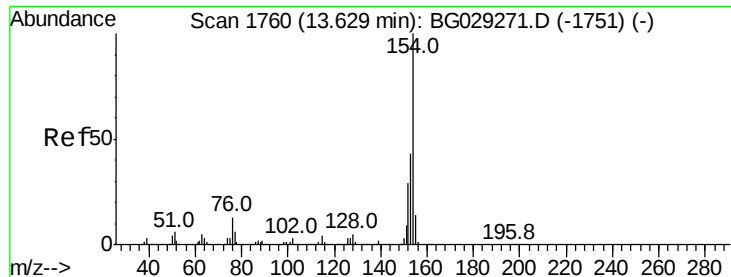
#44
 2-Fluorobiphenyl
 Concen: 86.163 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1236187		
171	39.1	30.0	45.0	
170	25.0	19.5	29.3	



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



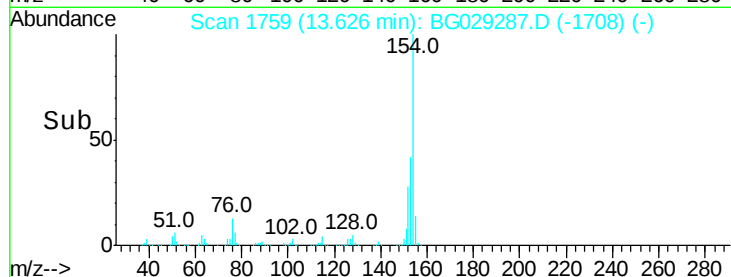
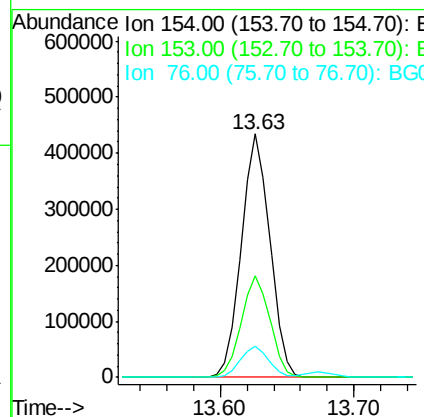
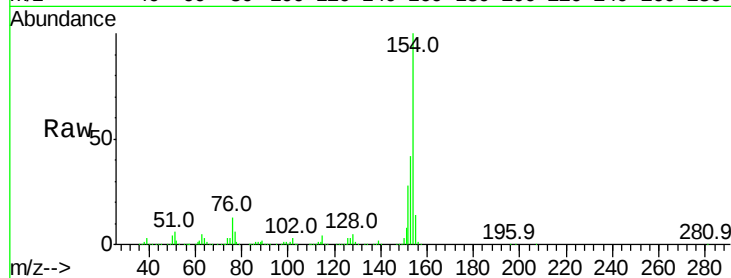


#45
 1,1'-Biphenyl
 Concen: 35.470 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

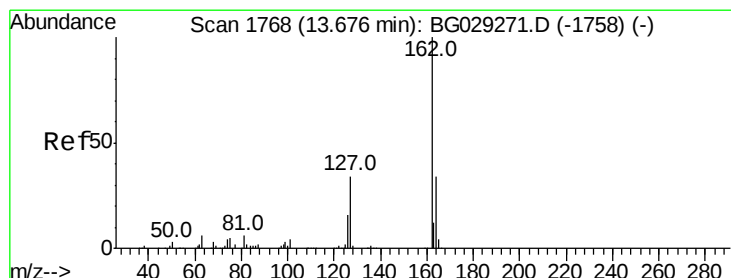
Tot Ion:	154	Resp:	641540
Ion Ratio	Lower	Upper	
154	100		
153	41.5	19.8	59.8
76	12.6	0.0	31.9

Manual Integrations
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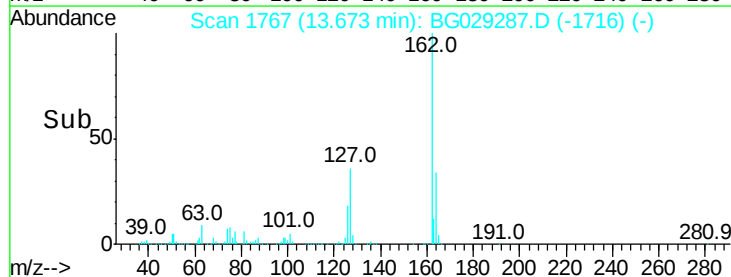
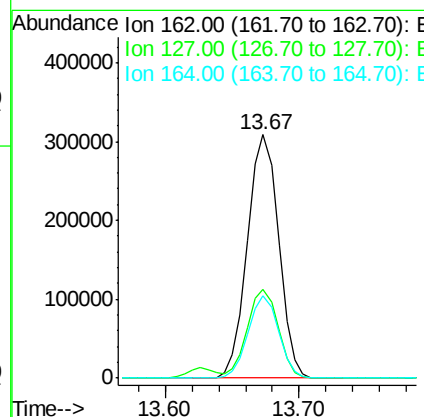
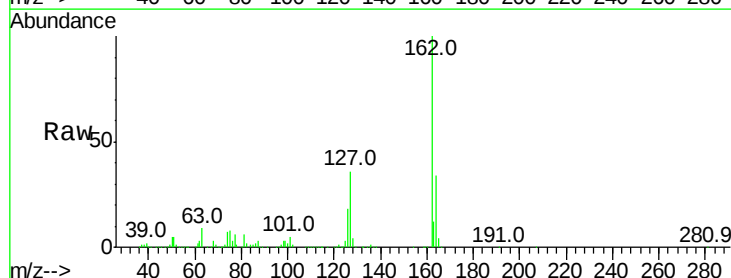
Sohil

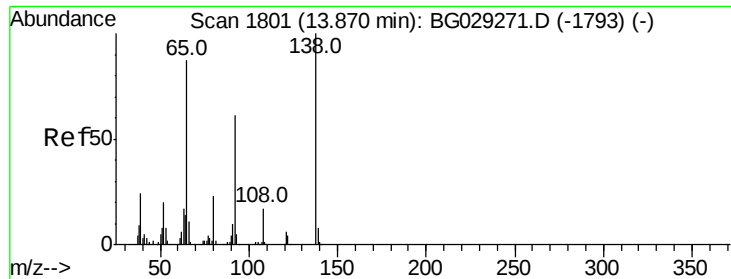
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#46
 2-Chloronaphthalene
 Concen: 37.769 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion:	162	Resp:	498272
Ion Ratio	Lower	Upper	
162	100		
127	36.3	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 43.218 ng

RT: 13.87 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMS

Tot Ion: 65 Resp: 156606

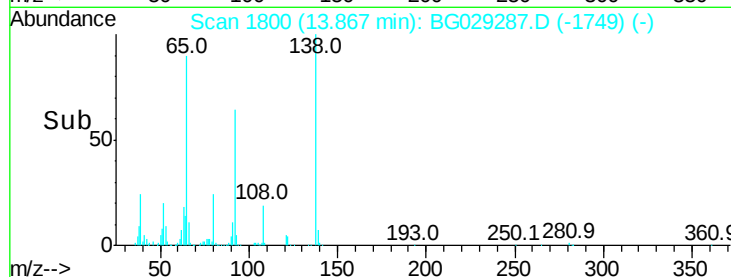
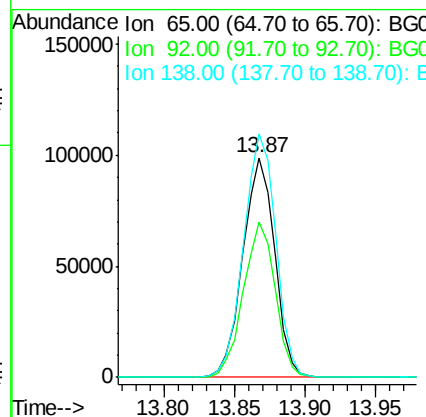
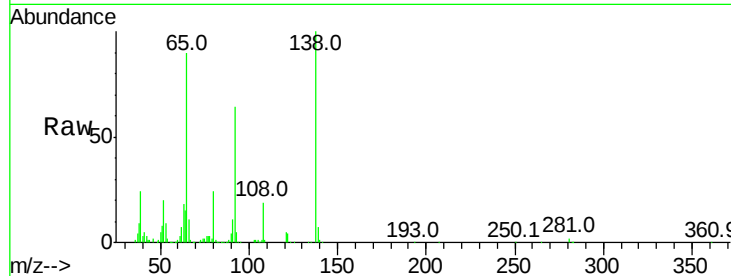
Ion Ratio Lower Upper

65 100

92 70.6 54.6 82.0

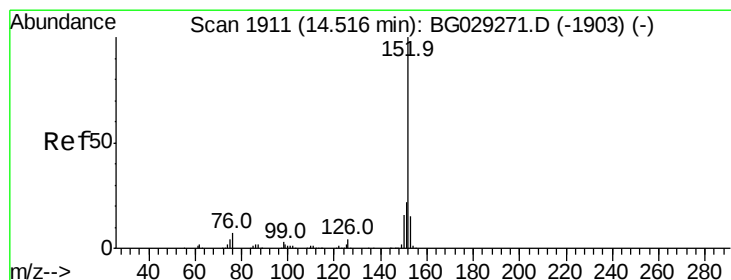
138 111.0 72.9 109.3#

Manual Integrations
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#48

Acenaphthylene

Concen: 38.668 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

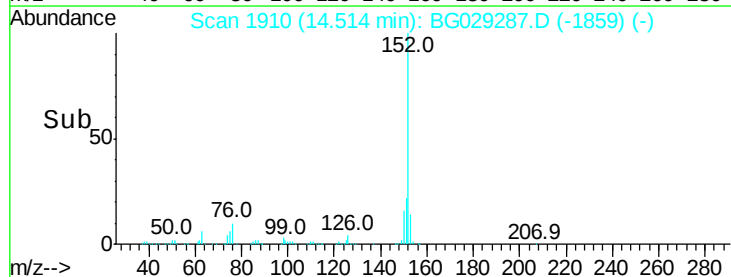
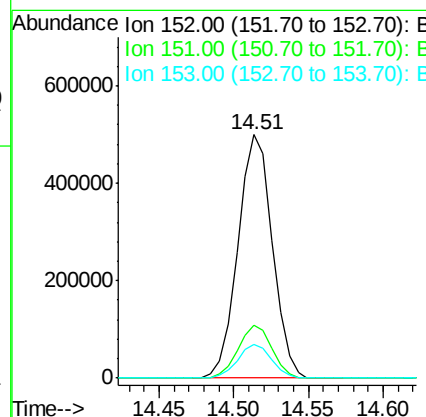
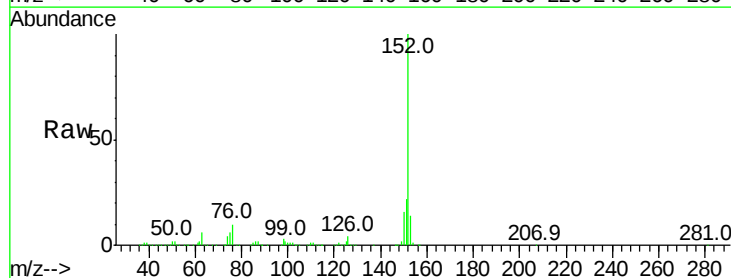
Tgt Ion: 152 Resp: 798385

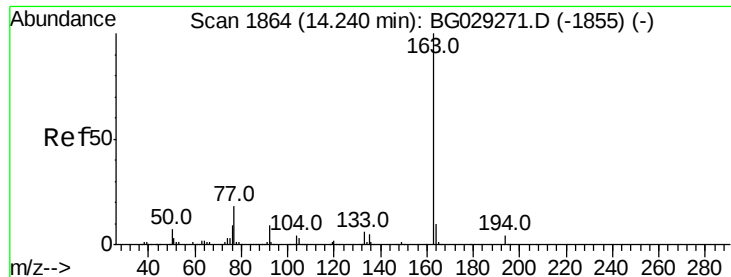
Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 13.8 10.2 15.4



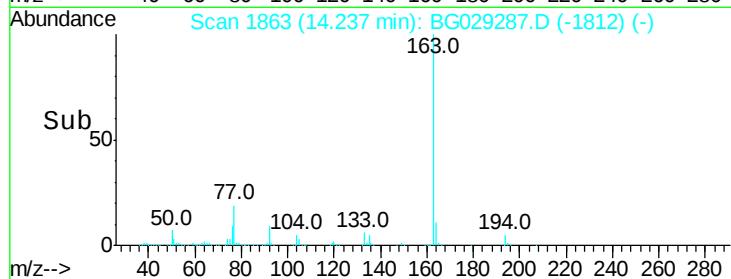
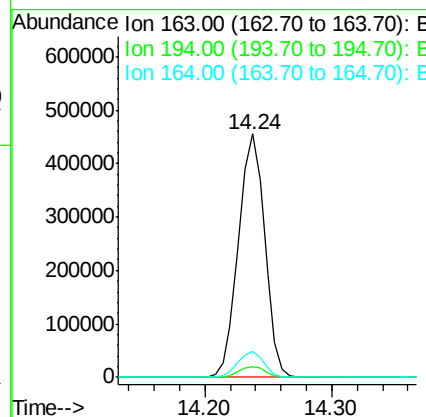
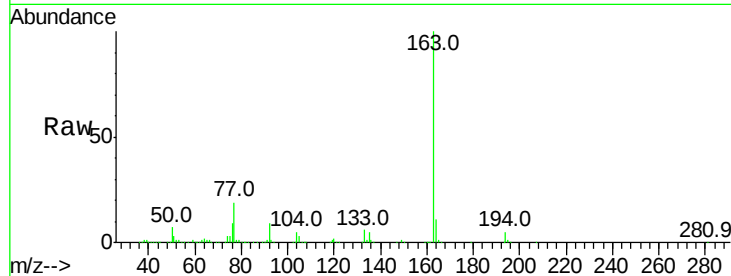


#49
Dimethylphthalate
Concen: 39.771 ng
RT: 14.24 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

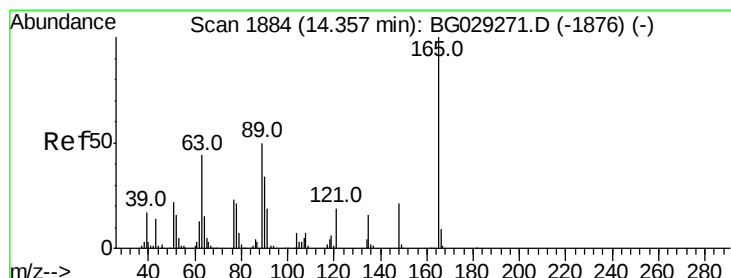
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.6	3.4	5.2	
164	10.5	8.2	12.4	

Manual Integrations
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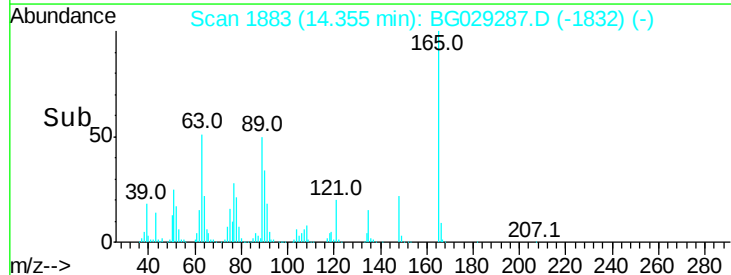
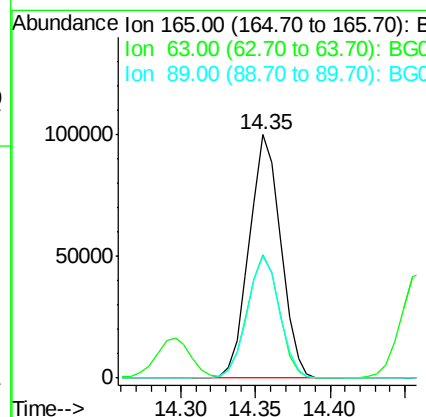
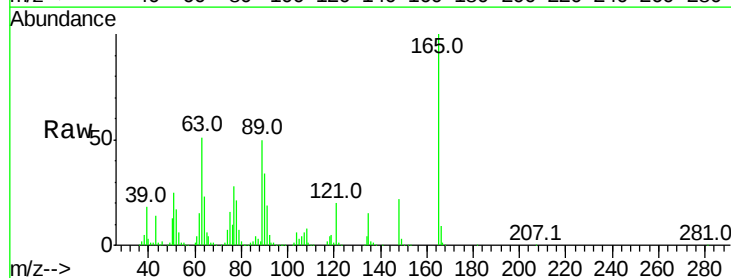
Sohil

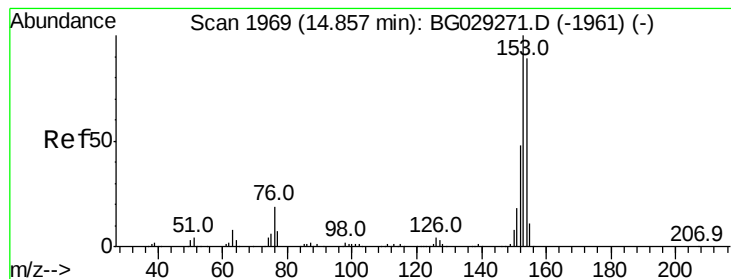
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#50
2,6-Dinitrotoluene
Concen: 42.451 ng
RT: 14.35 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.5	52.7	79.1#	
89	50.2	49.2	73.8	





#51

Acenaphthene

Concen: 37.287 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

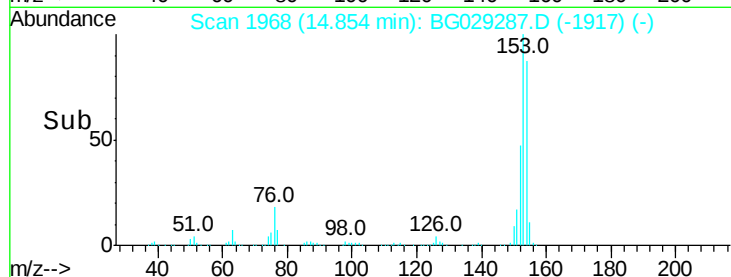
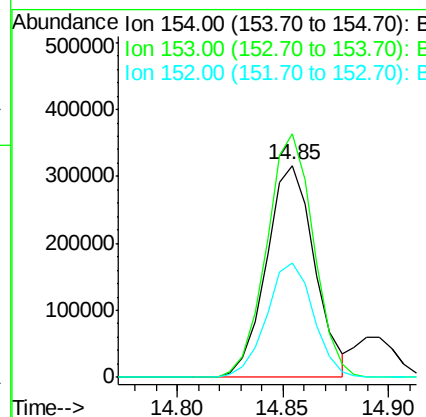
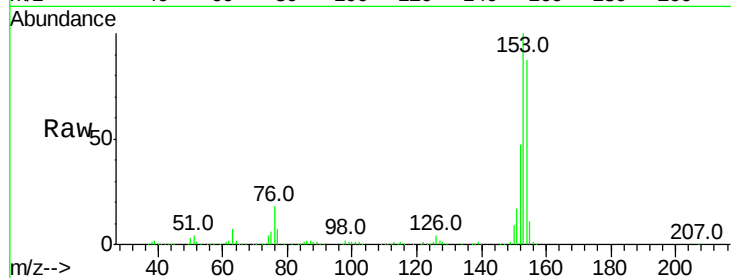
BNA_G

ClientSampleId :

WC-101117-SOILMS

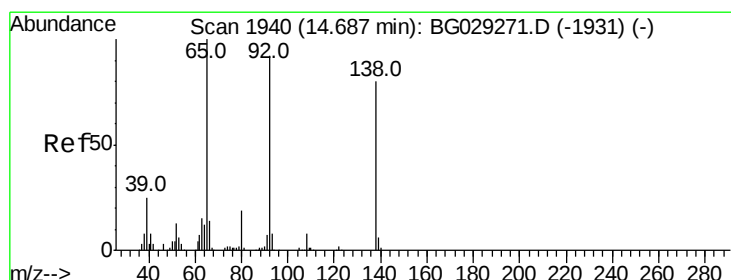
Tot Ion:	154	Resp:	500898
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.4	135.6
152	53.9	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.287 ng

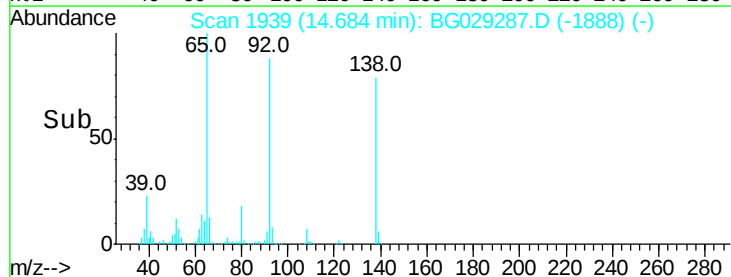
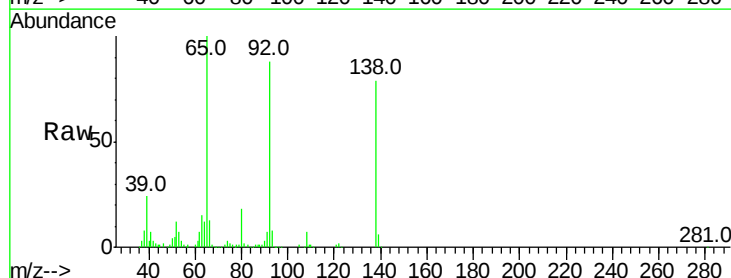
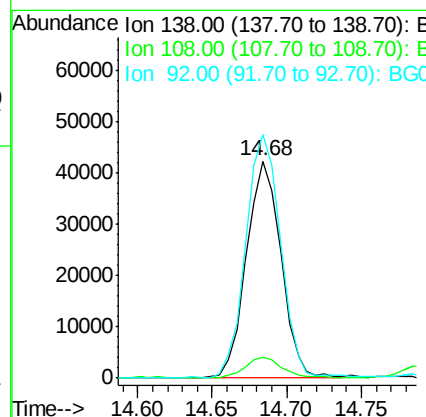
RT: 14.68 min Scan# 1939

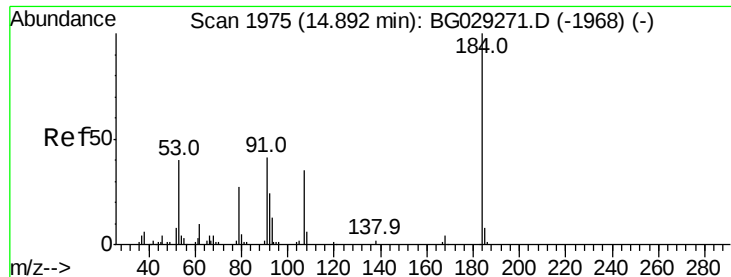
Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Tgt Ion:	138	Resp:	67915
Ion Ratio	Lower	Upper	
138	100		
108	9.5	17.5	26.3#
92	112.1	105.8	158.8



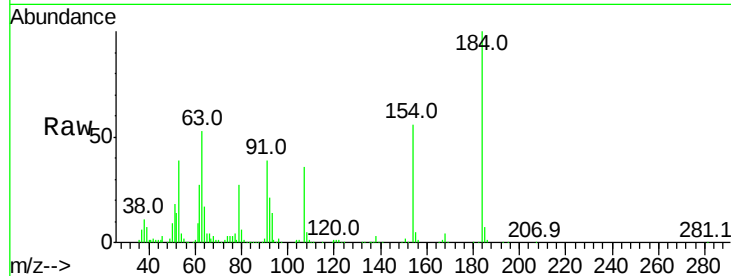


#53
2,4-Dinitrophenol
Concen: 85.623 ng
RT: 14.90 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

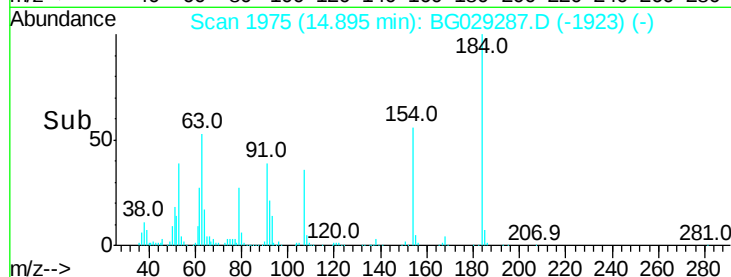
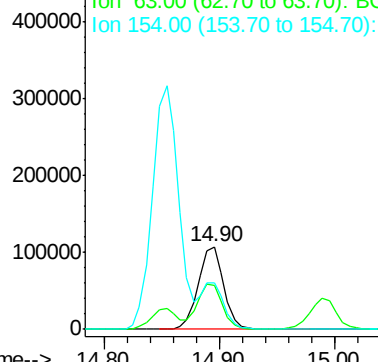
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Tot Ion:184 Resp: 163238
Ion Ratio Lower Upper
184 100
63 52.8 59.8 89.8#
154 55.5 101.8 152.8#

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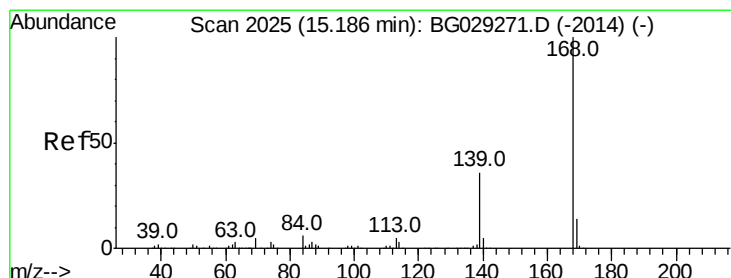


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E



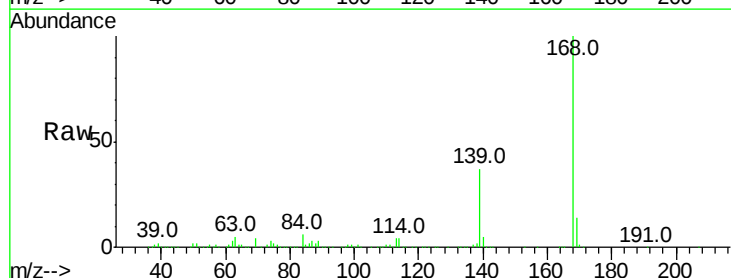
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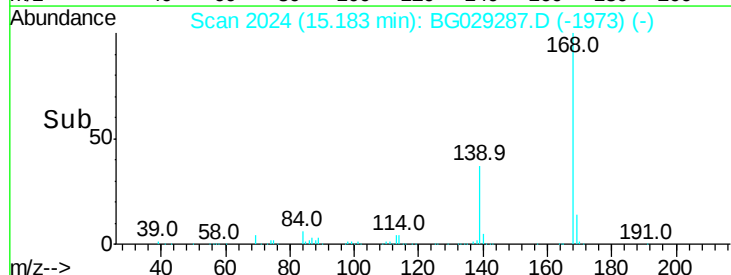
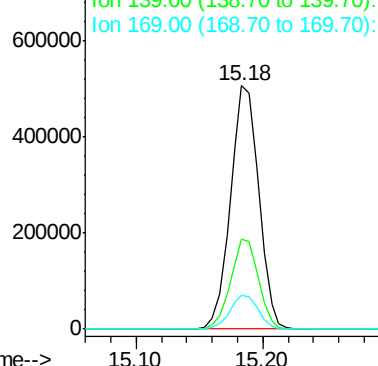


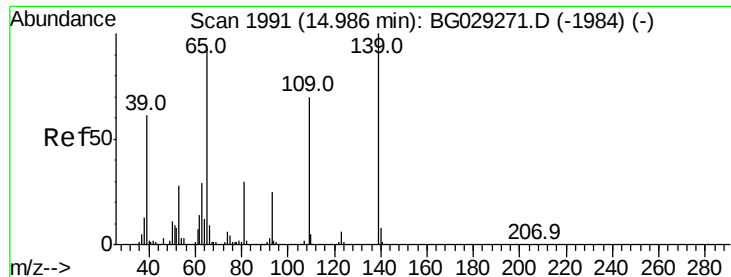
#54
Dibenzofuran
Concen: 41.137 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion:168 Resp: 788913
Ion Ratio Lower Upper
168 100
139 37.1 28.6 43.0
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



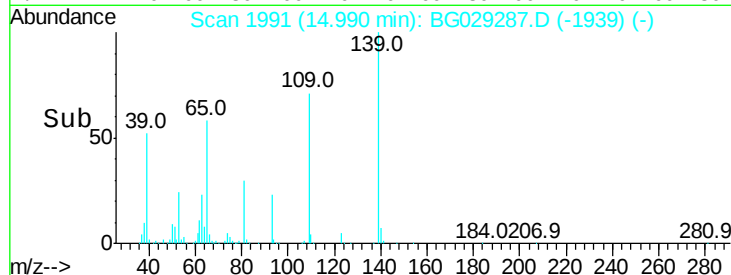
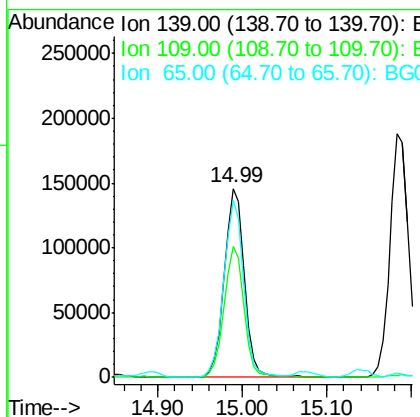
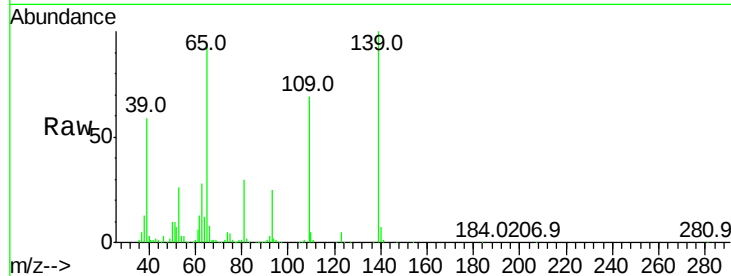


#55
4-Nitrophenol
Concen: 78.195 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

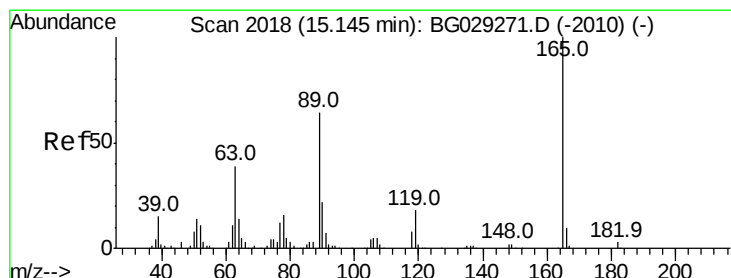
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.5	62.2	102.2
65	94.0	97.2	137.2

Manual Integrations
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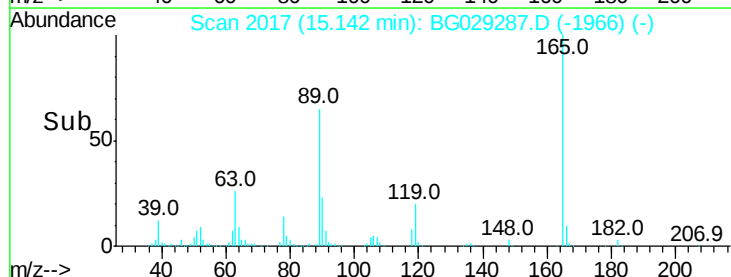
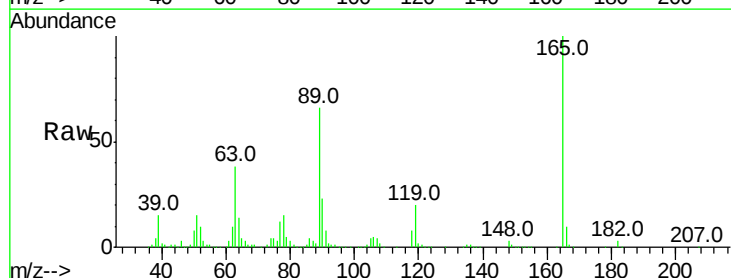
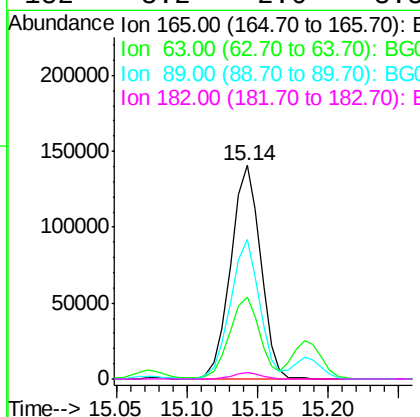
Sohil

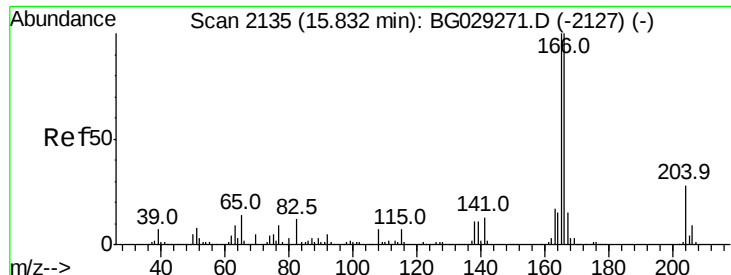
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#56
2,4-Dinitrotoluene
Concen: 44.444 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.3	42.0	63.0
89	65.6	66.9	100.3
182	3.2	2.6	3.8



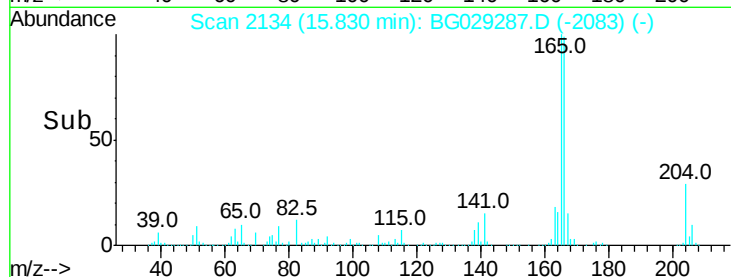
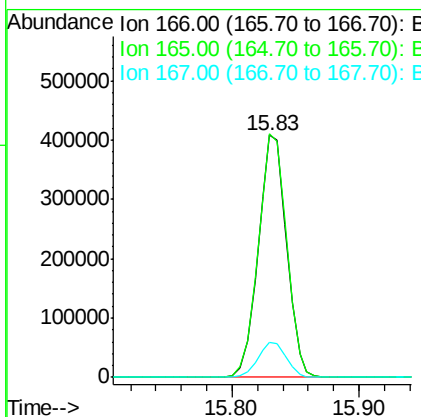
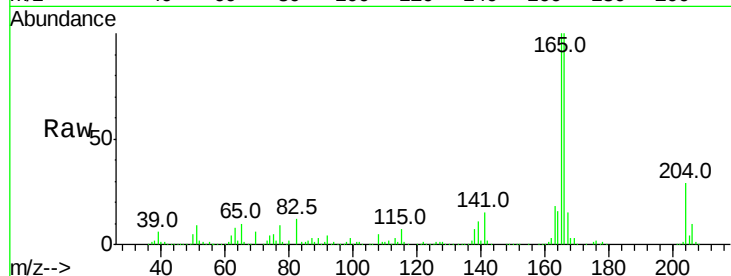


#57
Fluorene
 Concen: 39.872 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

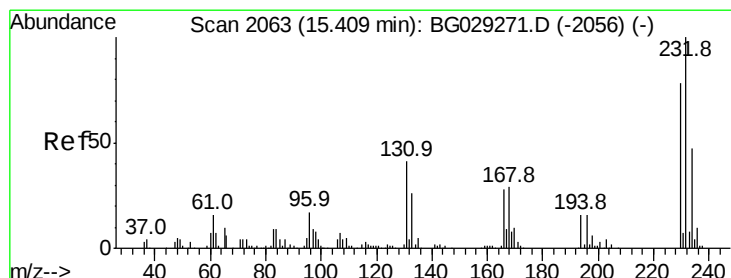
Tot Ion	Ratio	Resp	Lower	Upper
166	100	631665		
165	100.5	80.6	121.0	
167	14.6	10.4	15.6	

Manual Integrations
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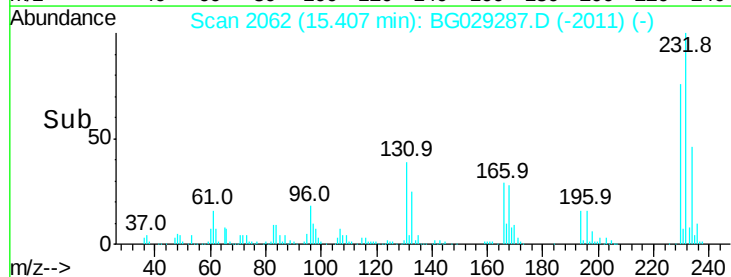
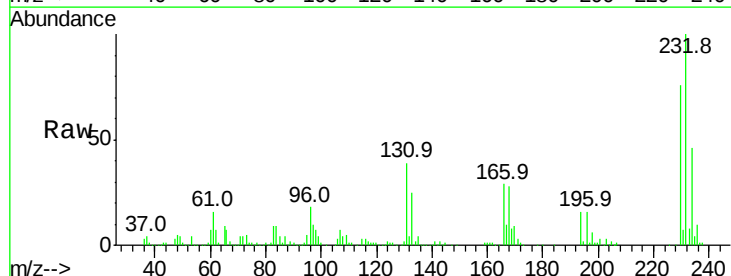
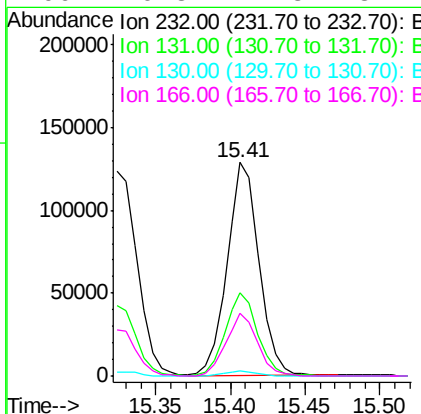
Sohil

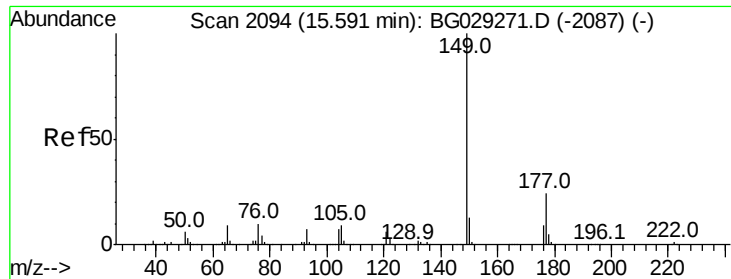
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.373 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	191621		
231	39.8	33.5	50.3	
130	2.4	2.2	3.2	
166	29.3	24.8	37.2	



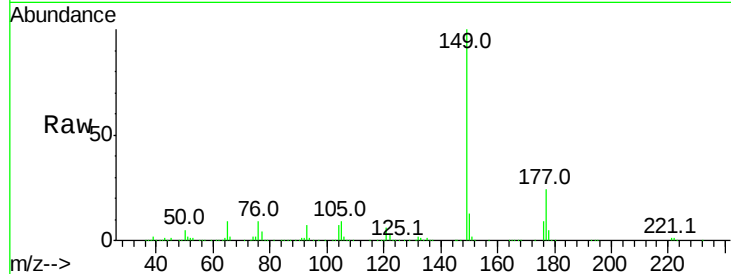


#59
Diethylphthalate
Concen: 40.460 ng
RT: 15.59 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

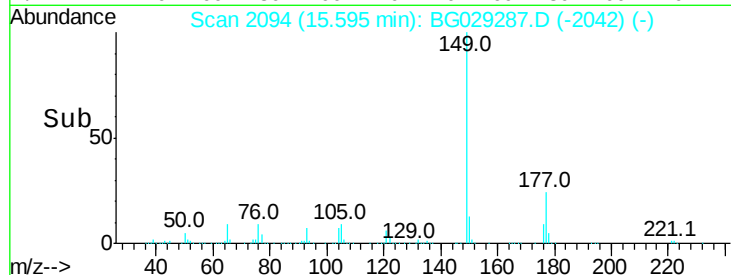
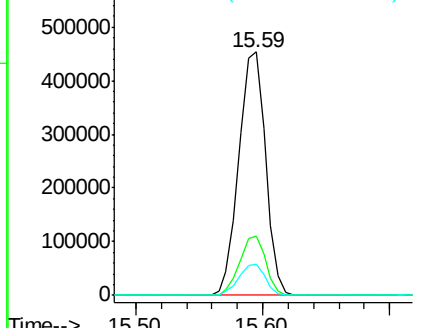
Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.5	27.7
150	12.9	10.2	15.2

Manual Integrations
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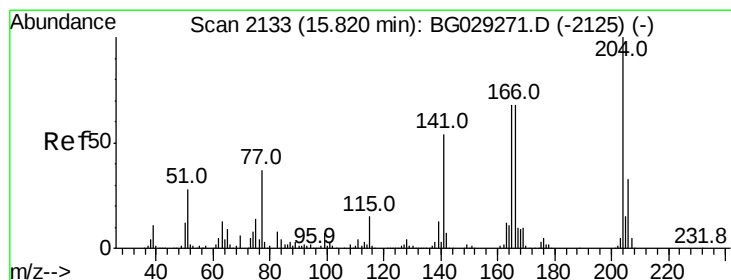


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



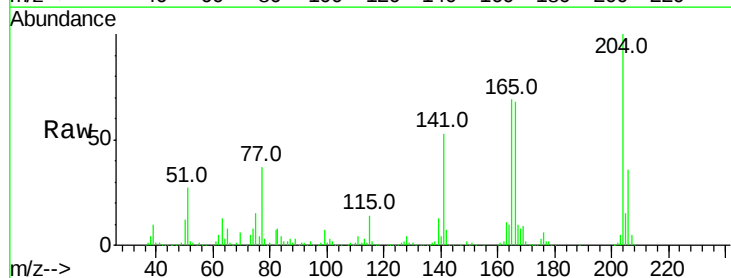
Sohil

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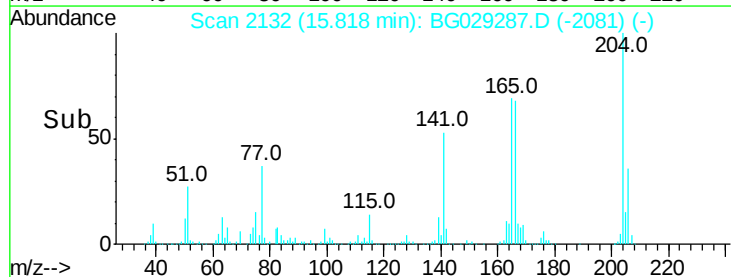
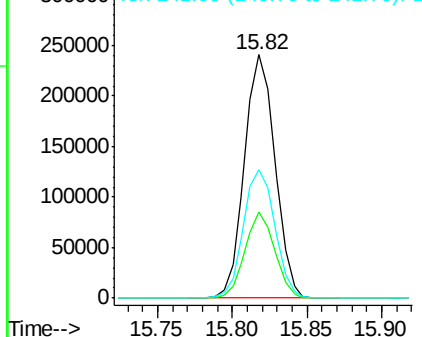


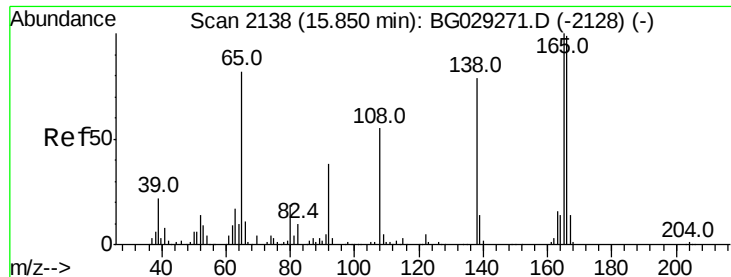
#60
4-Chlorophenyl-phenylether
Concen: 40.381 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.6	26.2	39.2
141	52.8	45.8	68.6



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



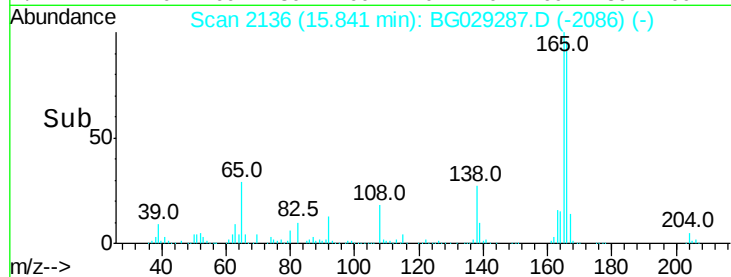
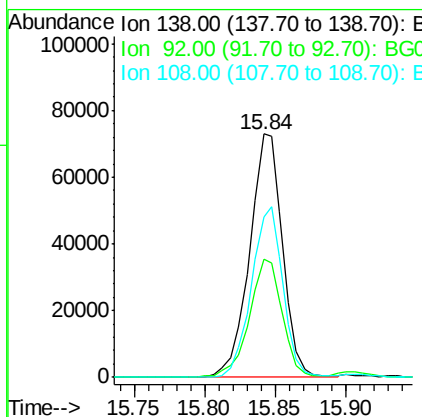
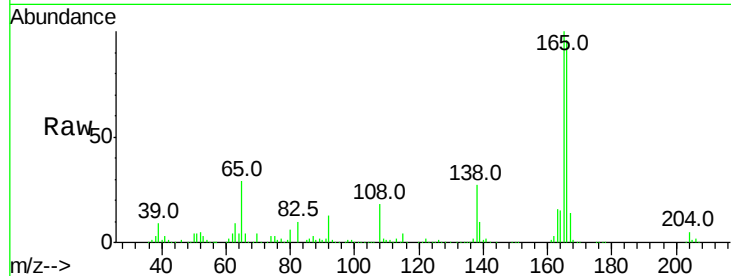


#61
4-Nitroaniline
Concen: 31.364 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

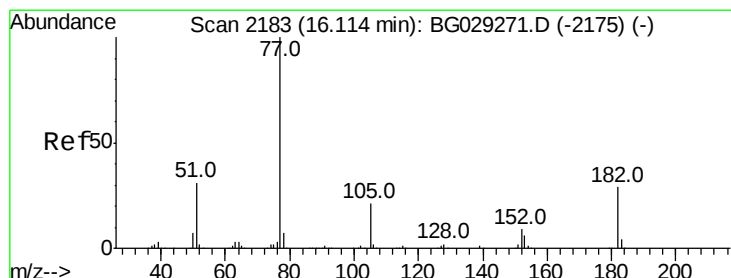
Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	40.1	80.1
108	66.0	65.4	105.4

Manual Integrations
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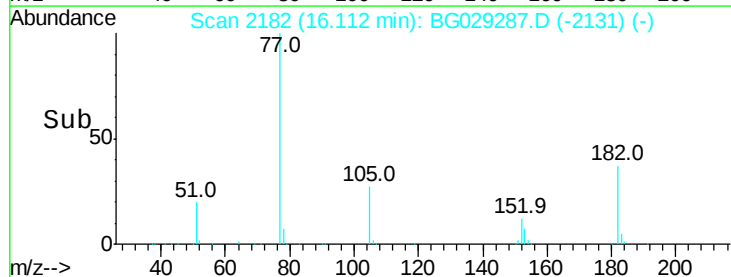
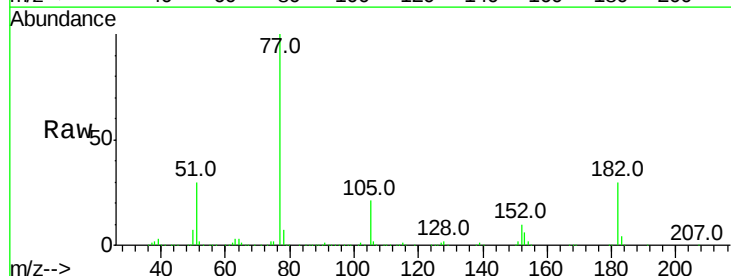
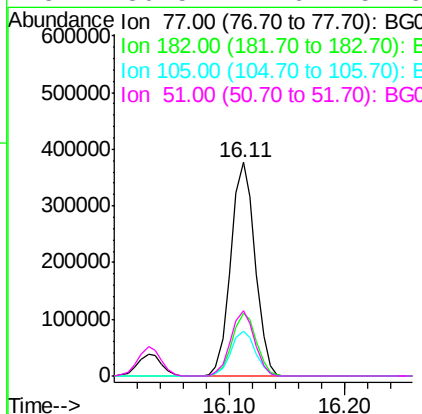
Sohil

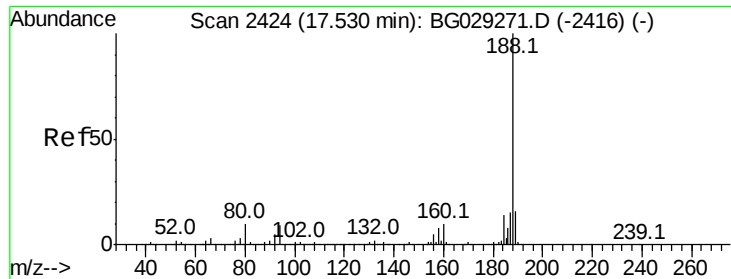
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#62
Azobenzene
Concen: 39.739 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.4	47.4
105	21.2	0.3	40.3
51	30.5	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

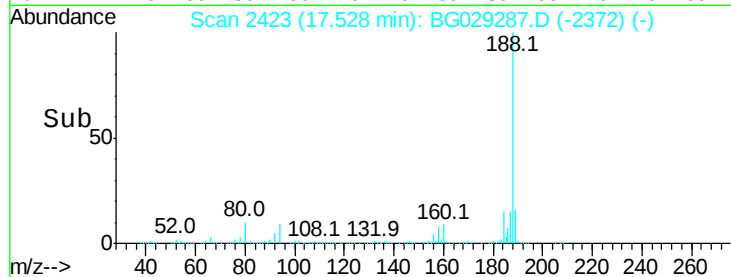
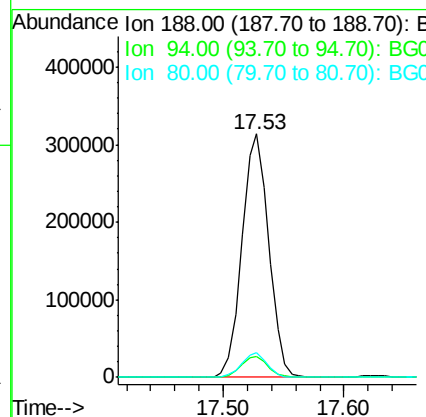
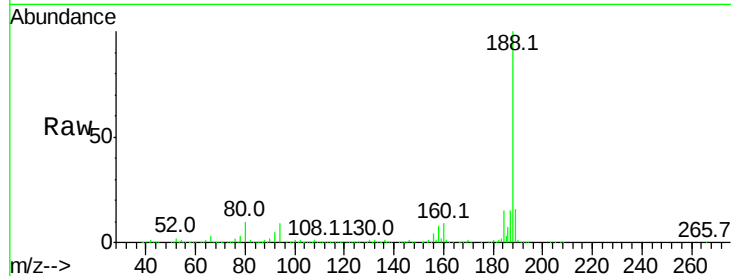
BNA_G

ClientSampleId :

WC-101117-SOILMS

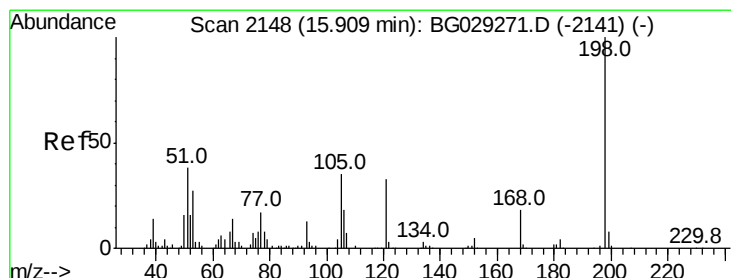
Tot Ion:	188	Resp:	484368
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.9	10.3
80	9.9	7.7	11.5

Manual Integrations
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Sohil

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.417 ng

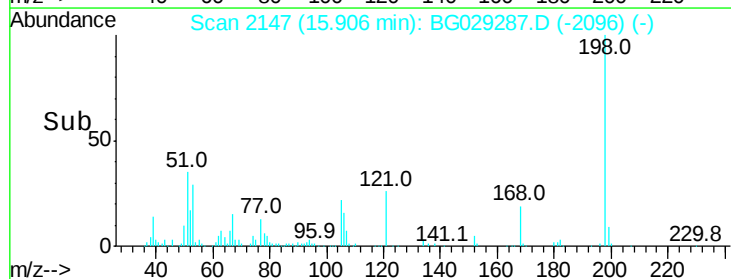
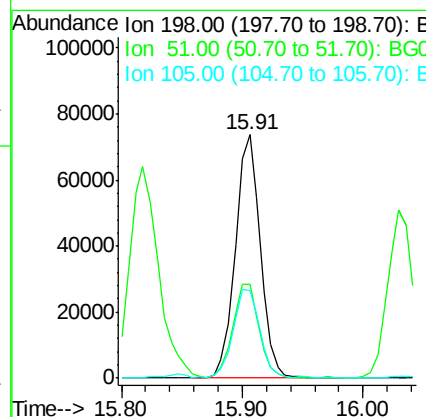
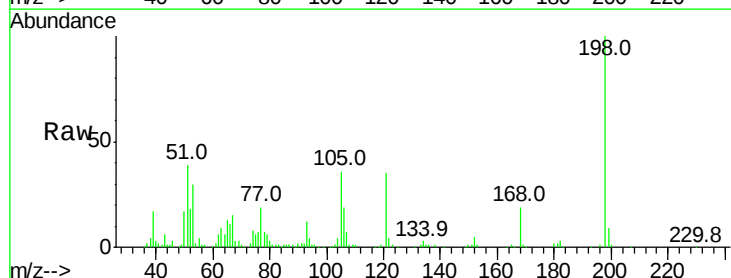
RT: 15.91 min Scan# 2147

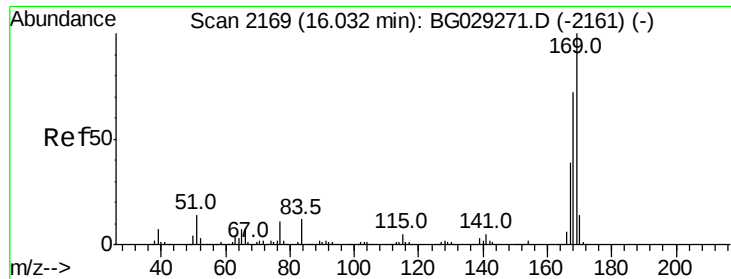
Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Tgt Ion:	198	Resp:	105823
Ion Ratio	Lower	Upper	
198	100		
51	38.8	30.6	70.6
105	35.9	23.8	63.8



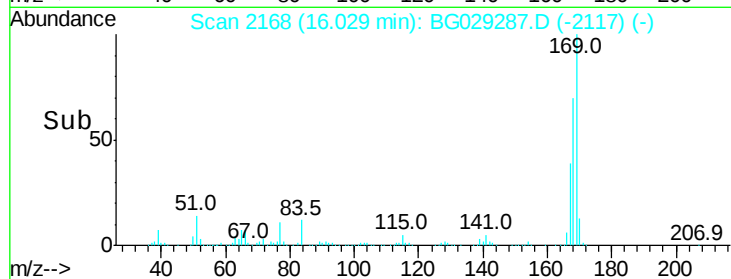
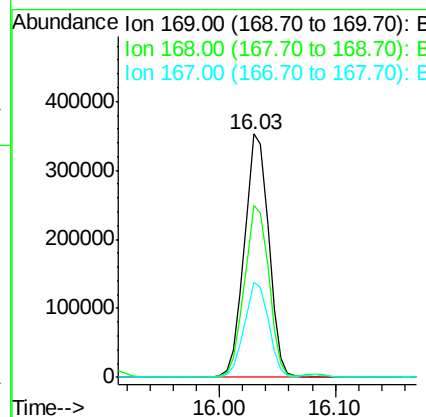
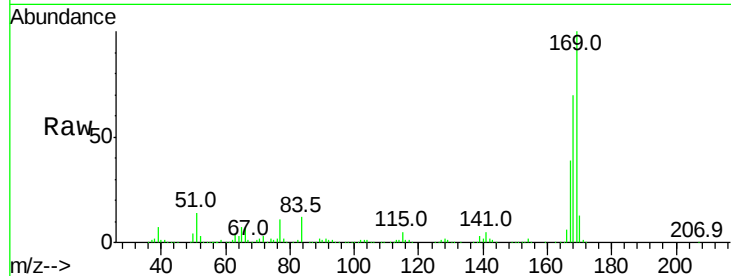


#65
n-Nitrosodiphenylamine
Concen: 35.677 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

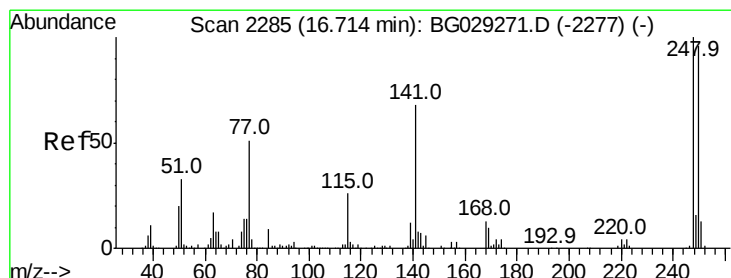
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.7	83.5
167	39.3	30.1	45.1

Manual Integrations
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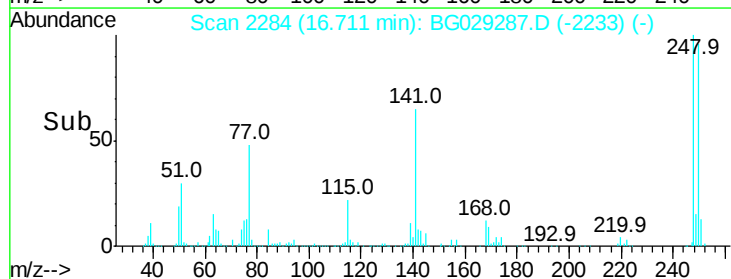
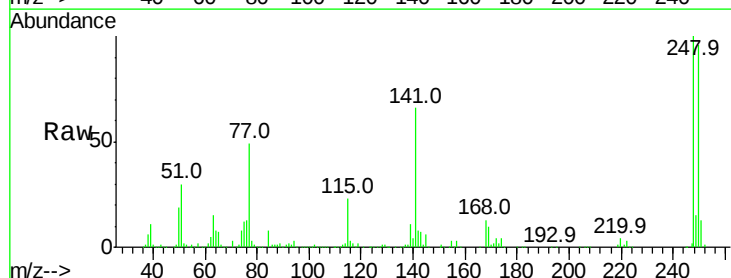
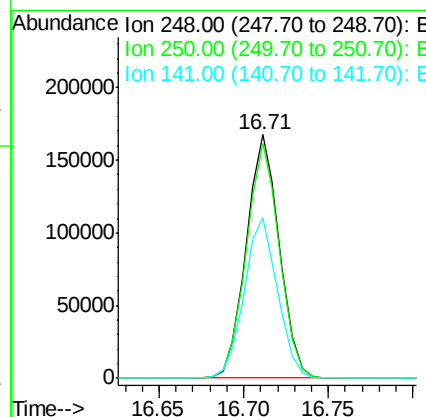
Sohil

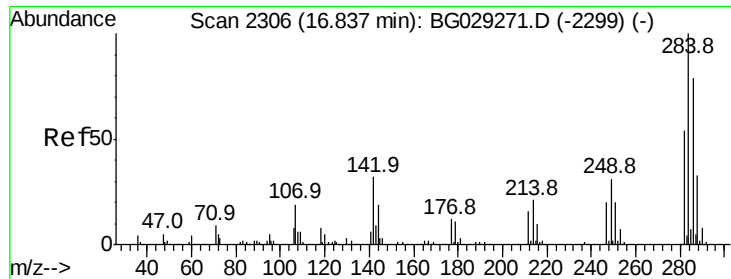
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#66
4-Bromophenyl-phenylether
Concen: 40.894 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	65.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 37.704 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

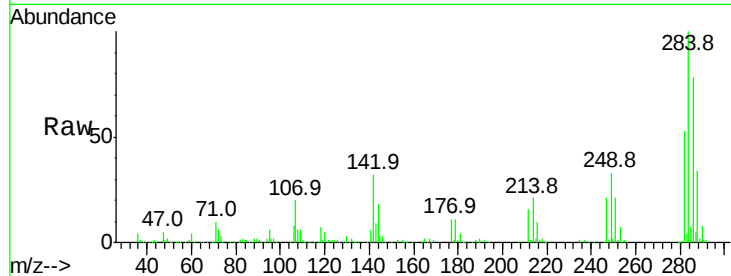
BNA_G

ClientSampleId :

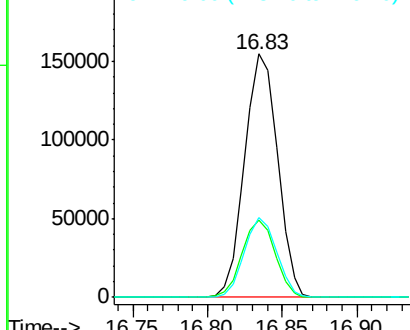
WC-101117-SOILMS

Tot Ion:	284	Resp:	237373
Ion Ratio	Lower	Upper	
284	100		
142	31.8	26.8	40.2
249	32.8	26.3	39.5

Manual Integrations
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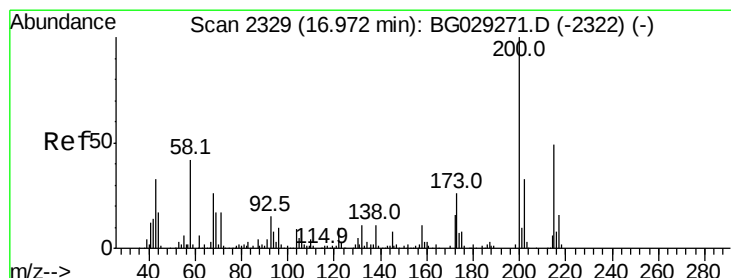
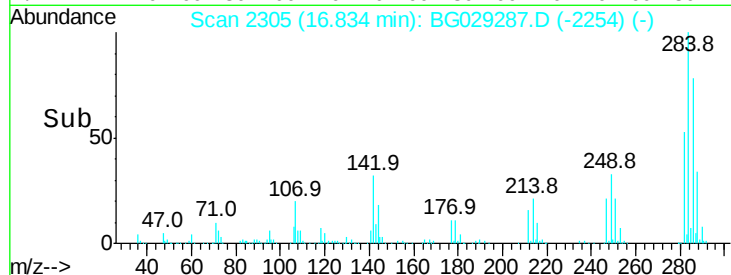


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Sohil

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#68

Atrazine

Concen: 3.945 ng

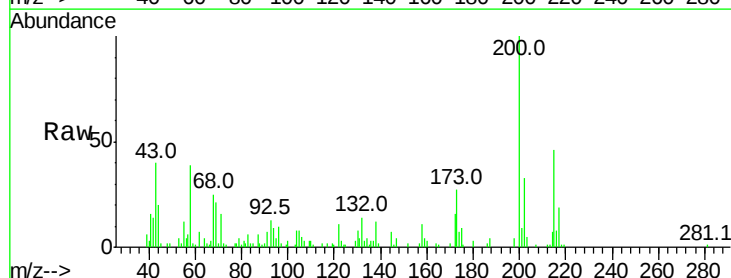
RT: 16.97 min Scan# 2328

Delta R.T. -0.00 min

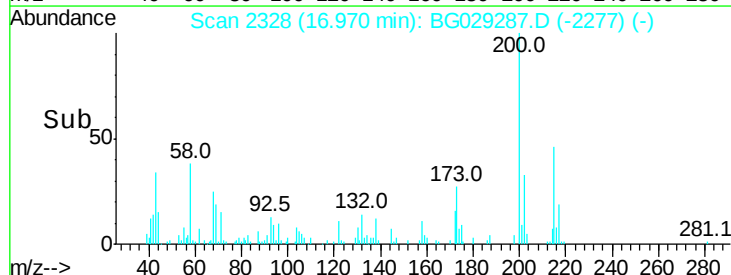
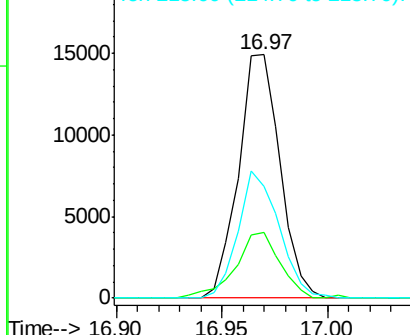
Lab File: BG029287.D

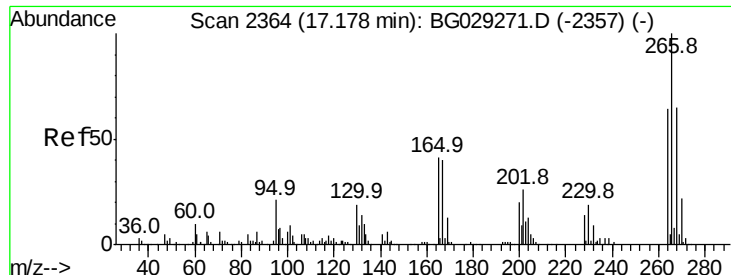
Acq: 17 Oct 2017 1:25

Tgt Ion:	200	Resp:	20422
Ion Ratio	Lower	Upper	
200	100		
173	27.0	5.2	45.2
215	46.0	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



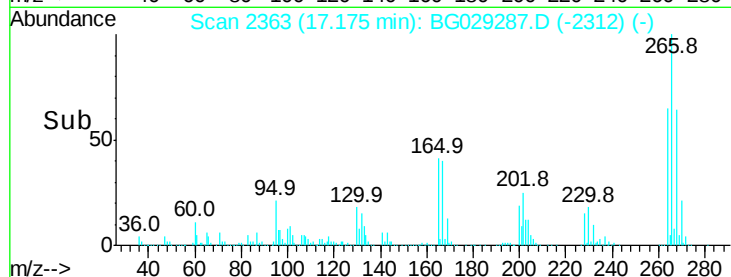
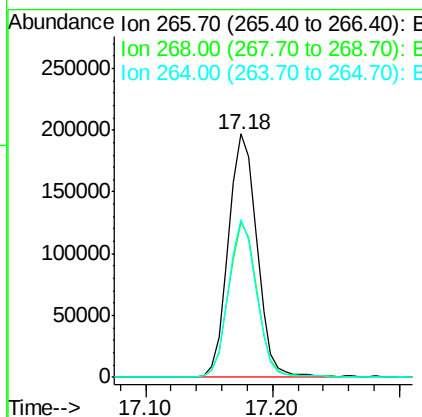
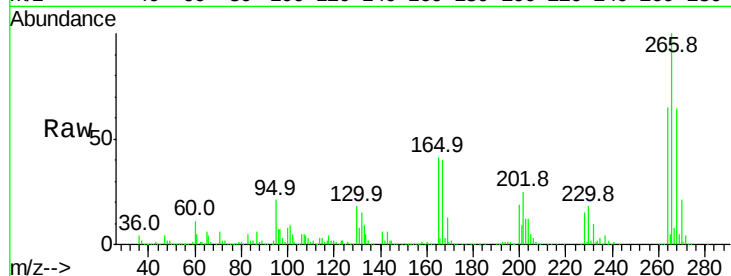


#69
 Pentachlorophenol
 Concen: 84.943 ng
 RT: 17.18 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

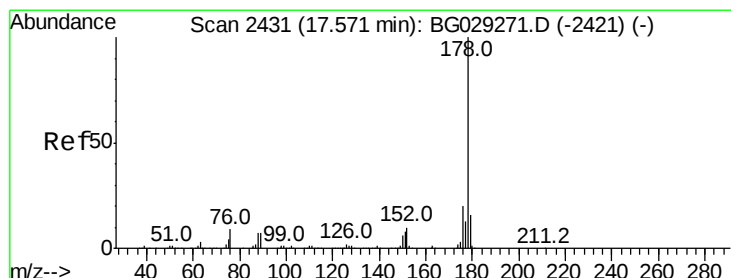
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	64.8	49.6	74.4

Manual Integrations
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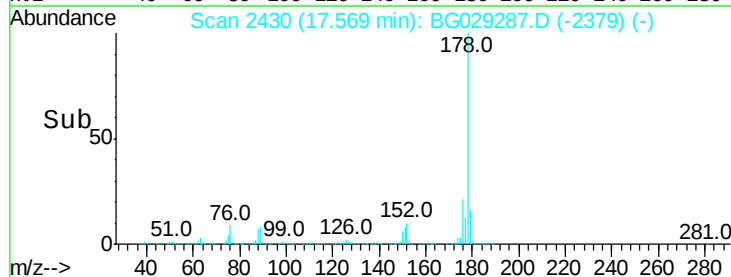
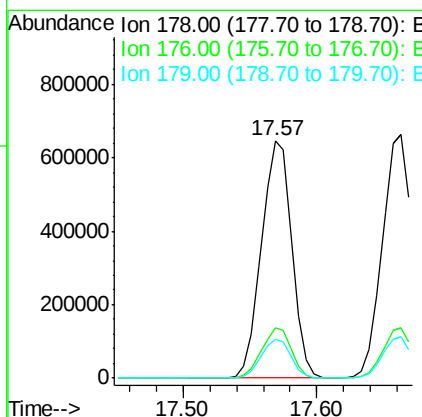
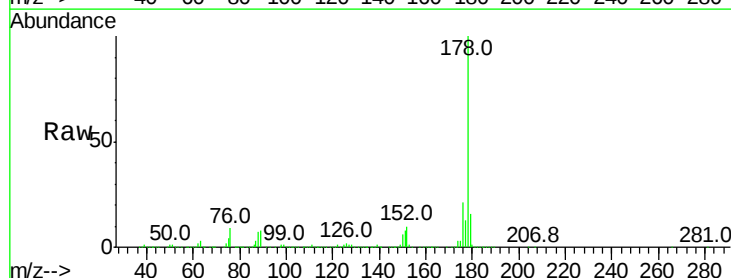
Sohil

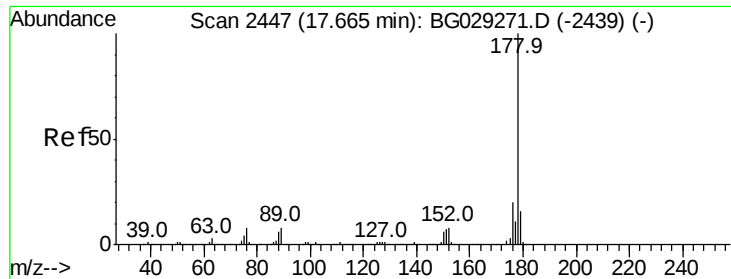
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#70
 Phenanthrene
 Concen: 40.631 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.7	23.5
179	16.4	12.5	18.7



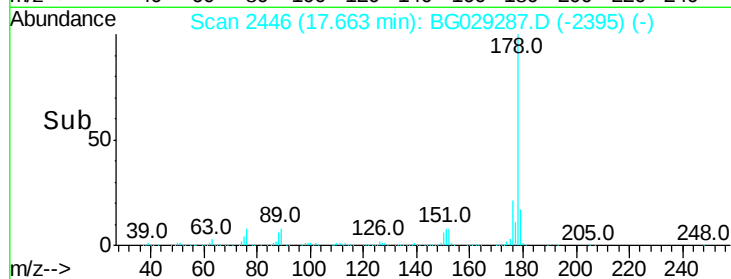
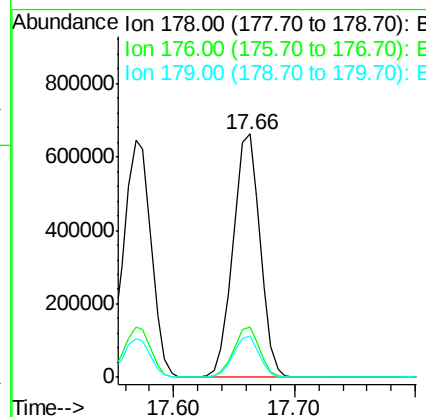
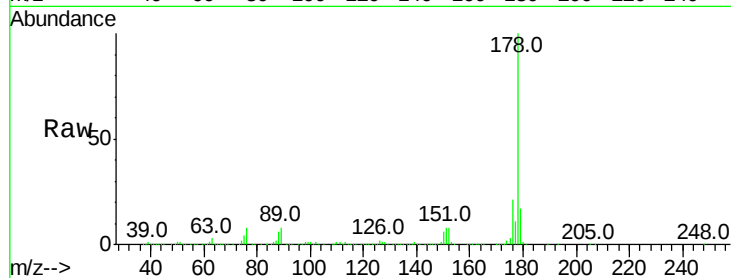


#71
 Anthracene
 Concen: 41.097 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

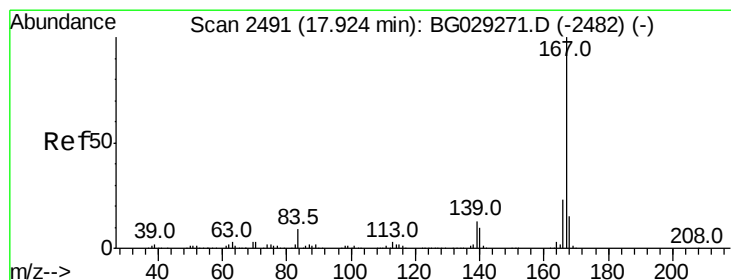
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.8	12.5	18.7

Manual Integrations
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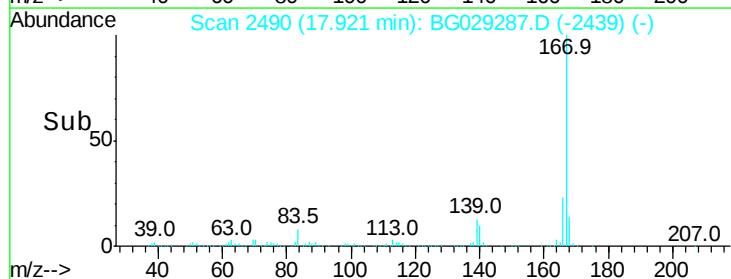
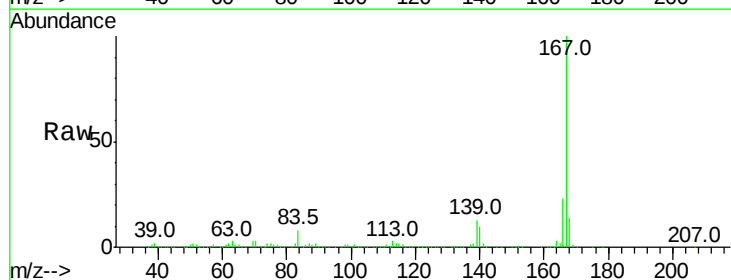
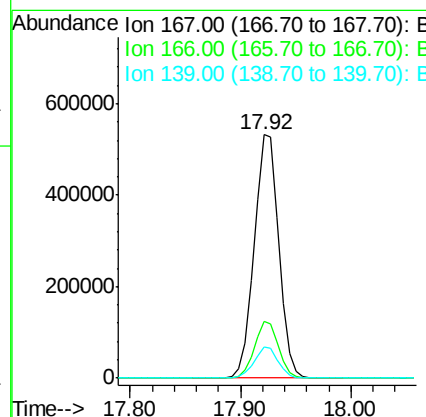
Sohil

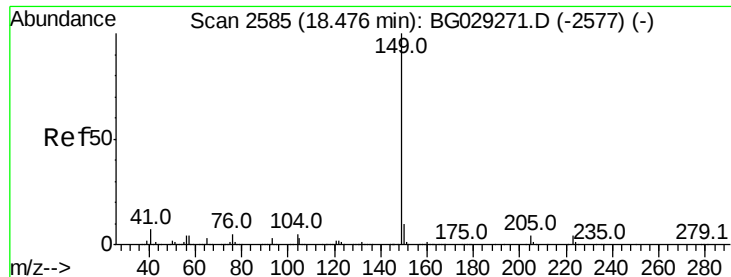
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#72
 Carbazole
 Concen: 34.495 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.6	9.4	14.2



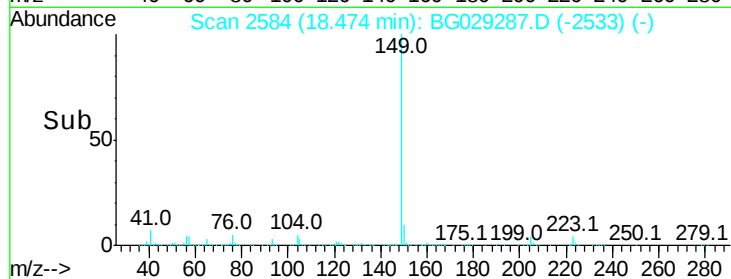
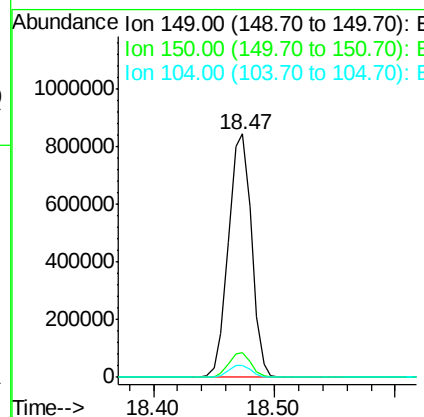
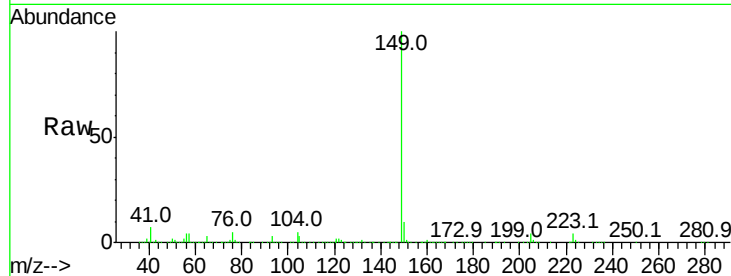


#73
Di-n-butylphthalate
Concen: 40.254 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

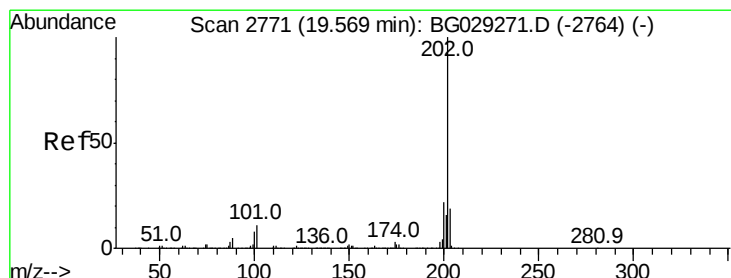
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.1	3.9	5.9

Manual Integrations
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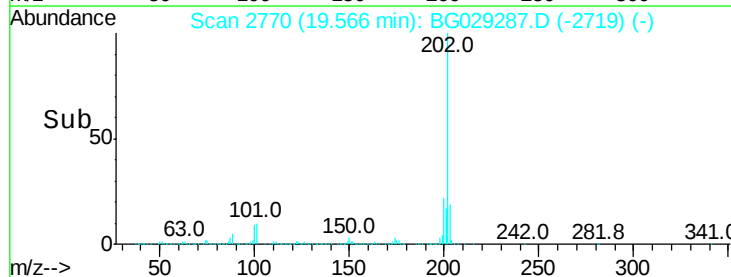
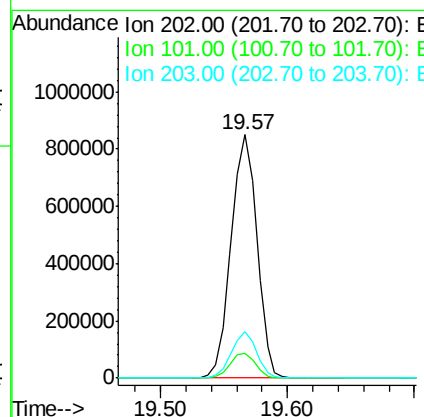
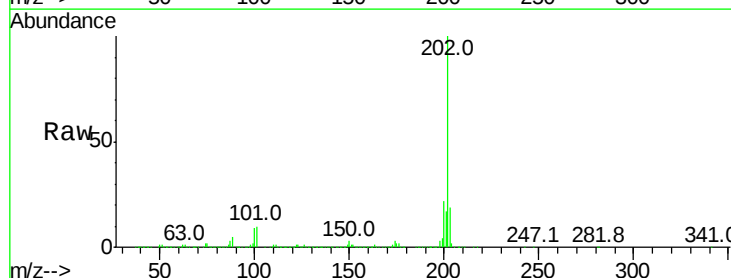
Sohil

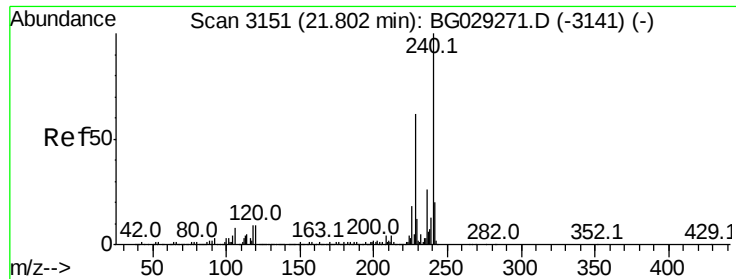
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#74
Fluoranthene
Concen: 40.920 ng
RT: 19.57 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	28.9
203	19.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

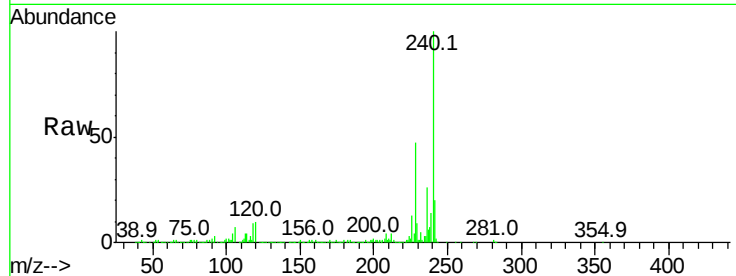
BNA_G

ClientSampleId :

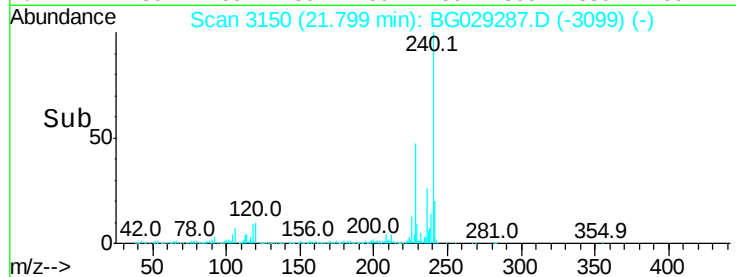
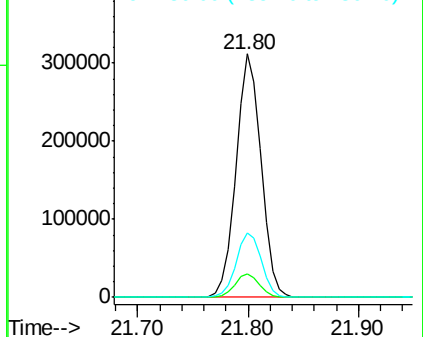
WC-101117-SOILMS

Tot Ion:	240	Resp:	494733
Ion Ratio	Lower	Upper	
240	100		
120	9.7	6.8	10.2
236	26.2	20.9	31.3

Manual Integrations
APPROVED

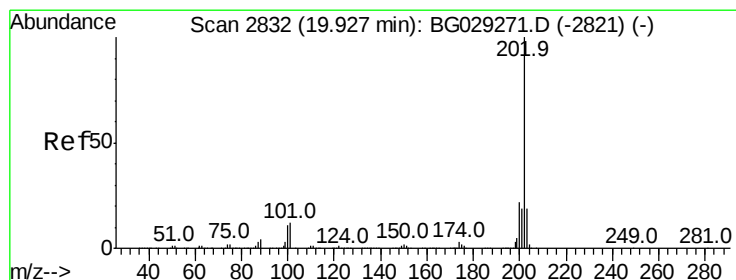


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Sohil

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#77

Pyrene

Concen: 41.166 ng

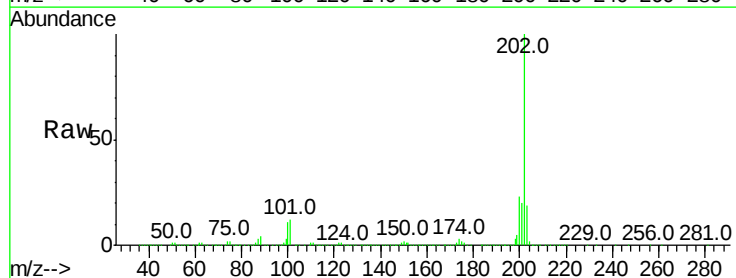
RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

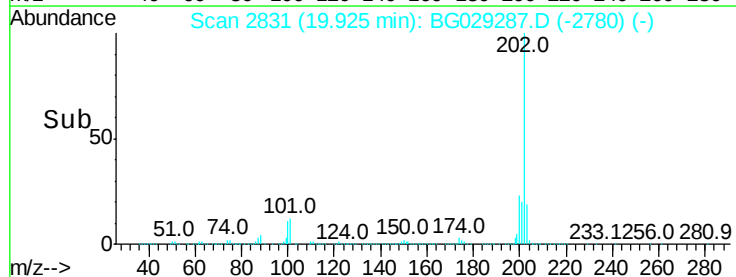
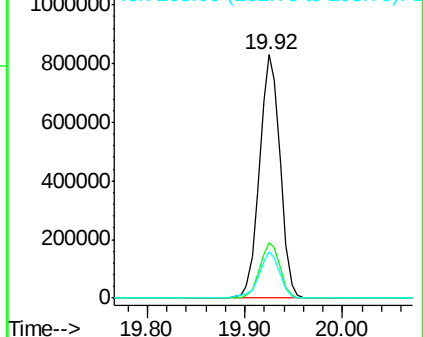
Lab File: BG029287.D

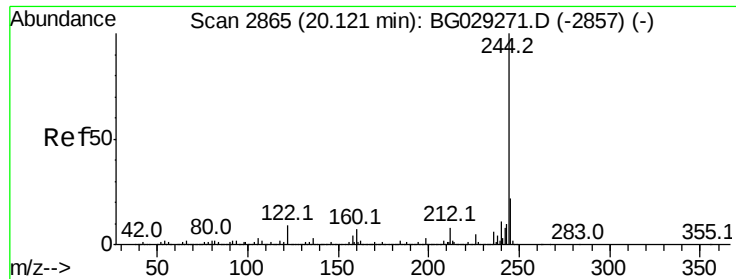
Acq: 17 Oct 2017 1:25

Tgt Ion:	202	Resp:	1235464
Ion Ratio	Lower	Upper	
202	100		
200	23.0	16.9	25.3
203	19.3	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



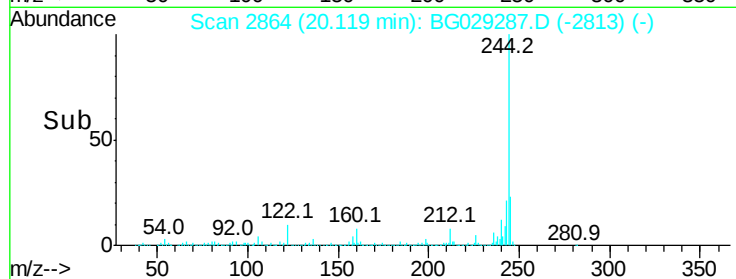
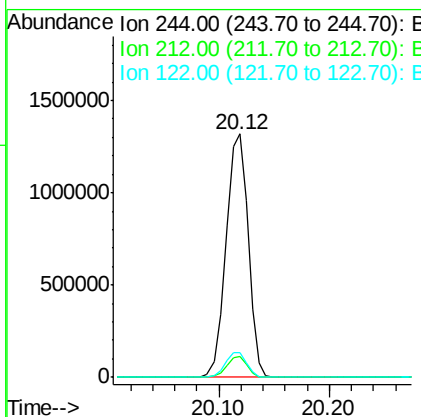
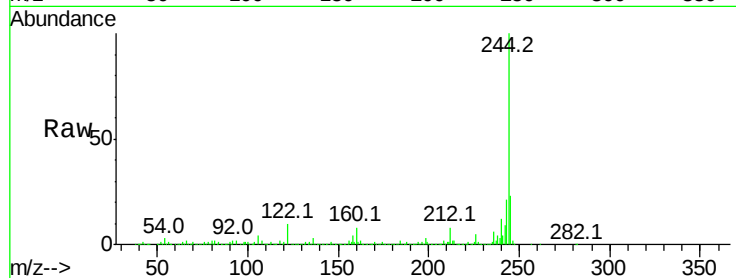


#78
 Terphenyl-d14
 Concen: 85.237 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

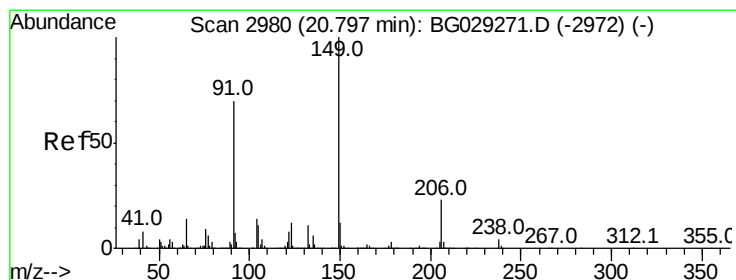
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	10.0	7.0	10.4

Manual Integrations
 APPROVED



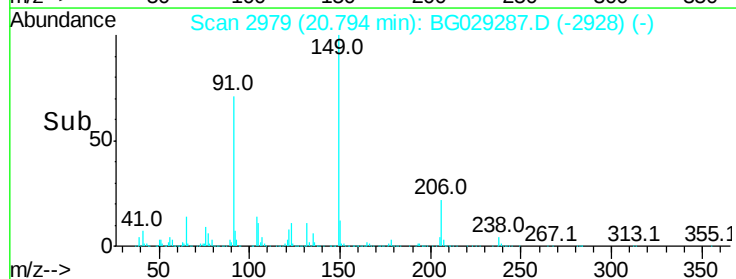
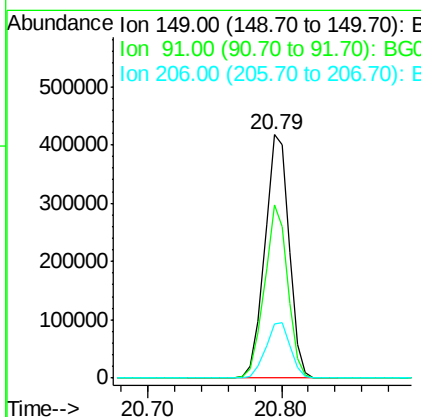
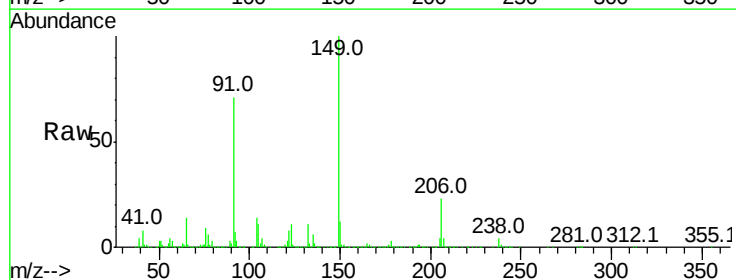
Sohil

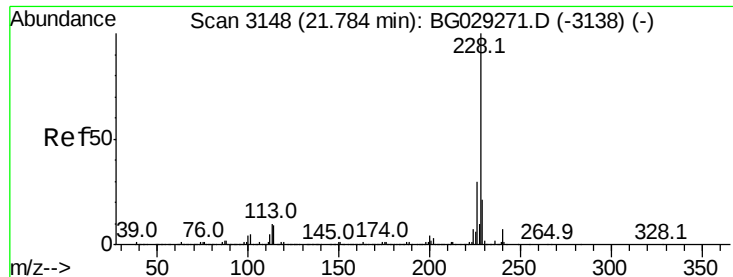
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#79
 Butylbenzylphthalate
 Concen: 41.159 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	62.2	93.2
206	22.5	18.6	27.8



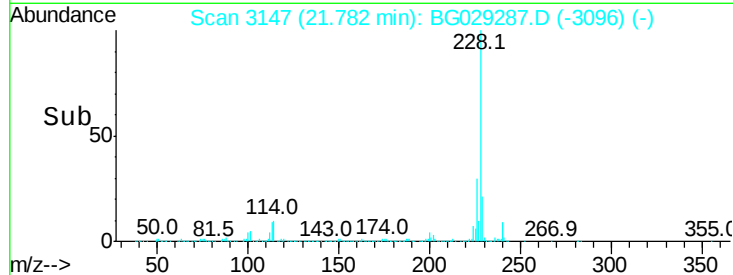
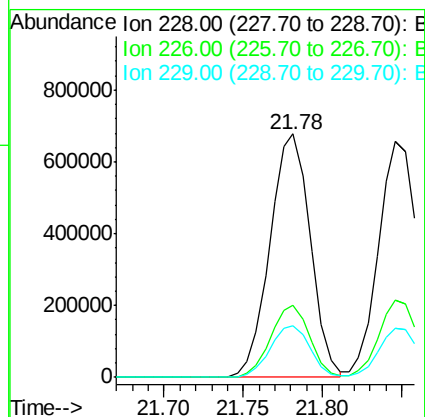
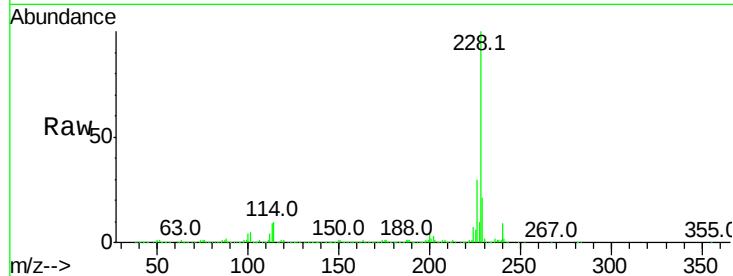


#80
Benzo(a)anthracene
Concen: 41.190 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

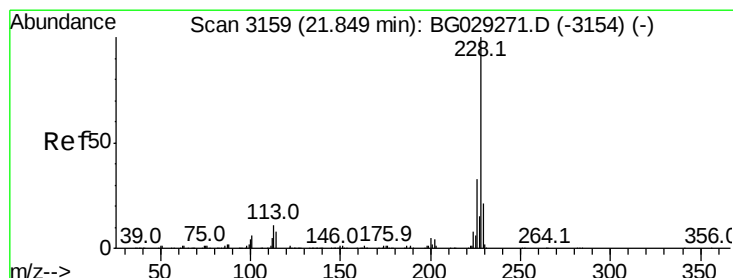
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.3	16.2	24.2

Manual Integrations
APPROVED



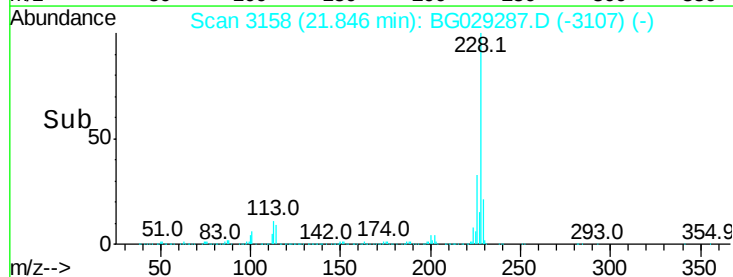
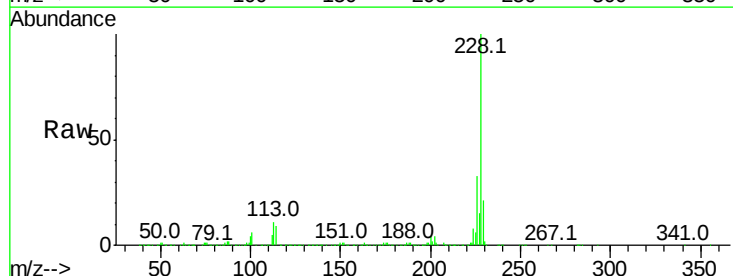
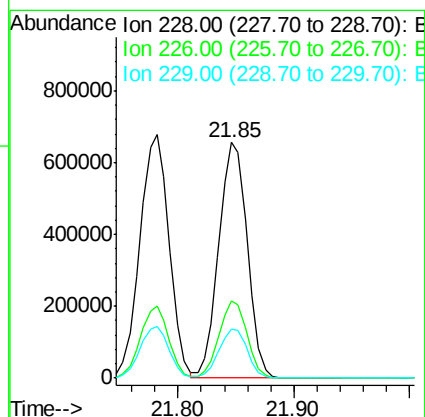
Sohil

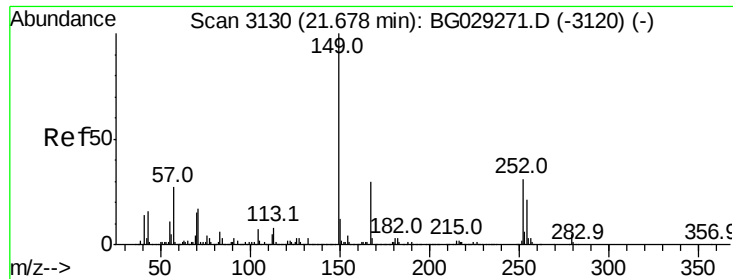
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#82
Chrysene
Concen: 40.267 ng
RT: 21.85 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.9	37.3
229	21.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.499 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

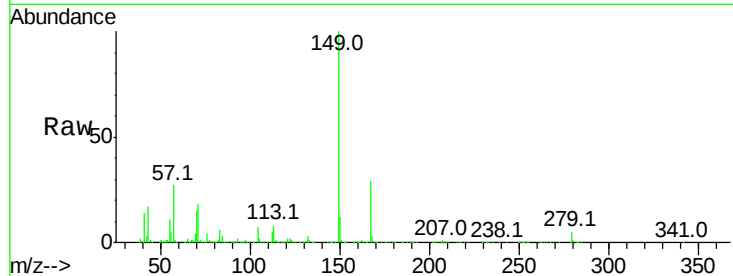
BNA_G

ClientSampleId :

WC-101117-SOILMS

Tot Ion:	149	Resp:	743151
Ion Ratio	Lower	Upper	
149	100		
167	29.2	24.3	36.5
279	5.3	4.0	6.0

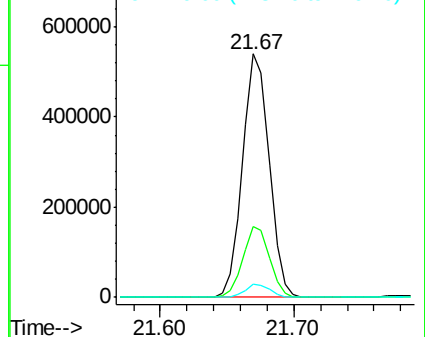
Manual Integrations
APPROVED



Abundance Ion 149.00 (148.70 to 149.70): E

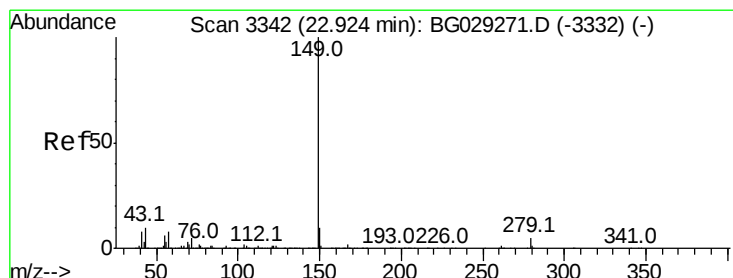
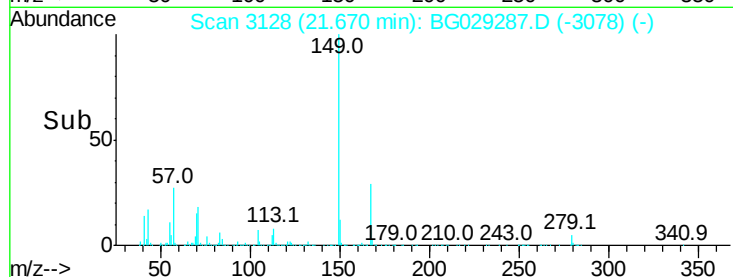
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



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#84

Di-n-octyl phthalate

Concen: 39.899 ng

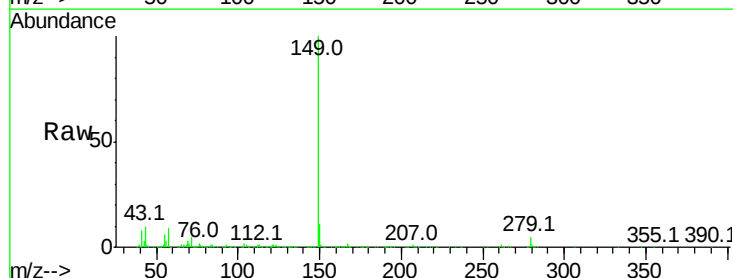
RT: 22.92 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

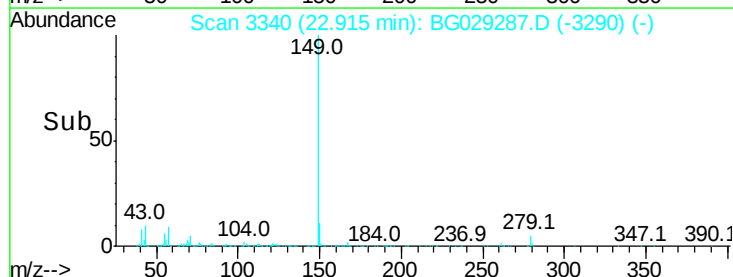
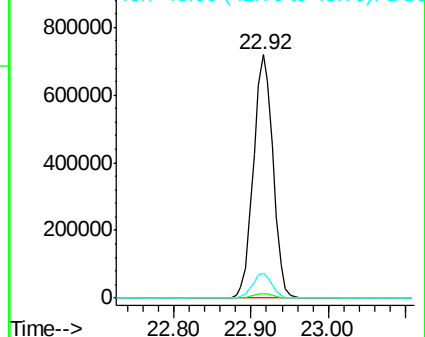
Tgt Ion:	149	Resp:	1276010
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.0	8.9	13.3

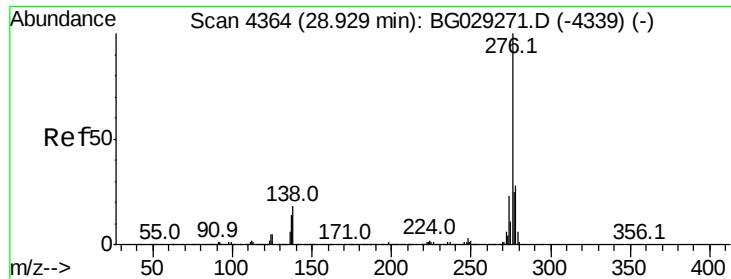


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



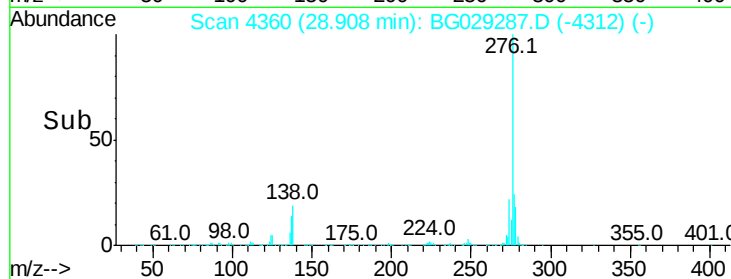
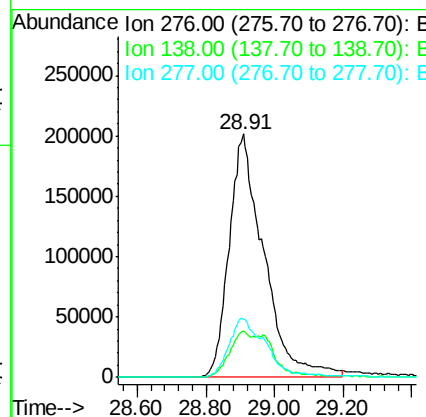
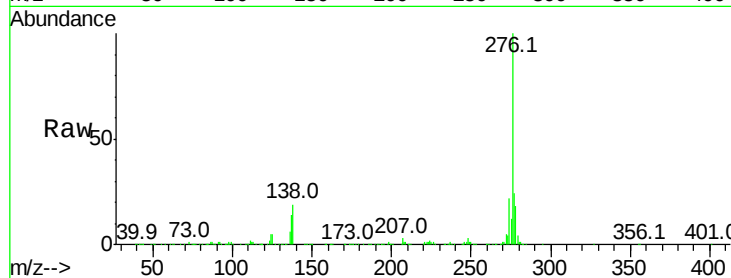


#85
Indeno(1,2,3-cd)pyrene
Concen: 41.306 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.02 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

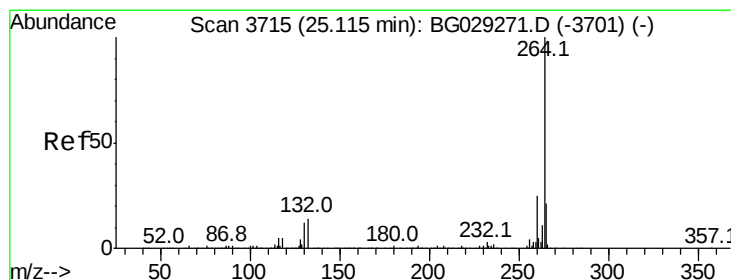
Tot Ion:276 Resp: 1413604
Ion Ratio Lower Upper
276 100
138 11.4 16.0 24.0#
277 25.0 20.0 30.0

Manual Integrations
APPROVED



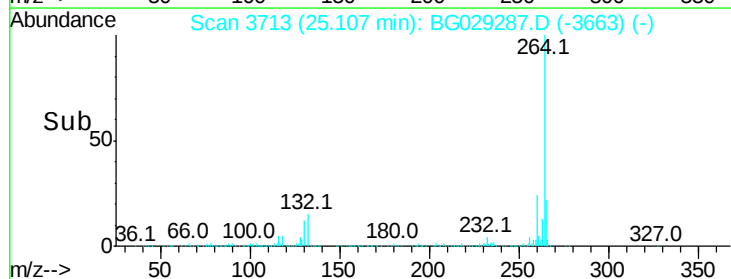
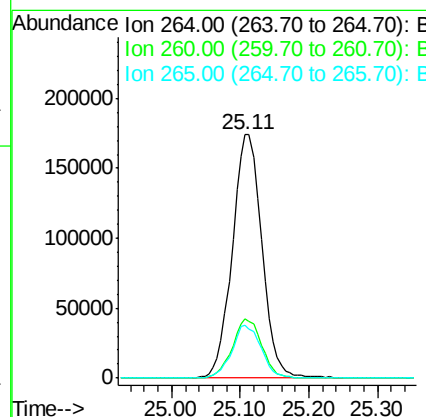
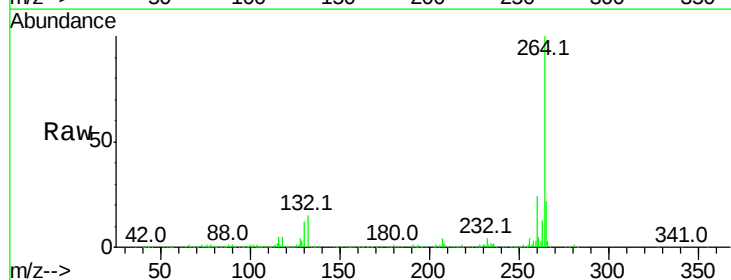
Sohil

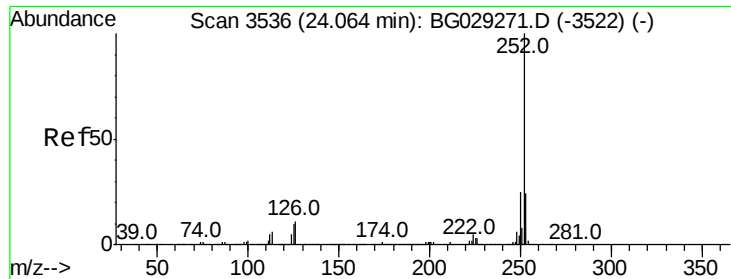
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion:264 Resp: 521340
Ion Ratio Lower Upper
264 100
260 24.2 17.4 26.0
265 21.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.284 ng

RT: 24.06 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

Instrument :

BNA_G

ClientSampleId :

WC-101117-SOILMS

Tot Ion:252 Resp: 1232203

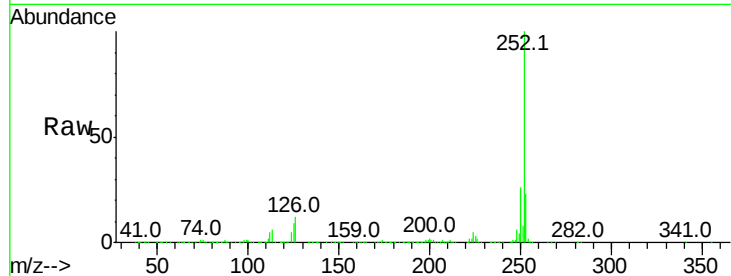
Ion Ratio Lower Upper

252 100

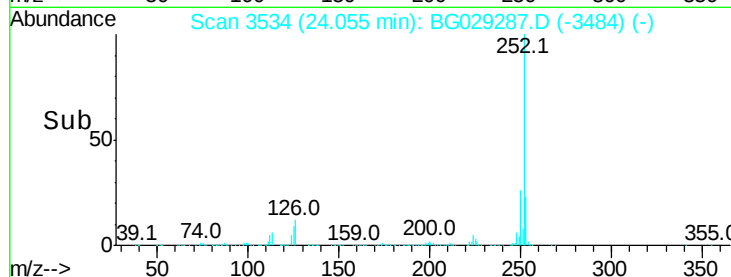
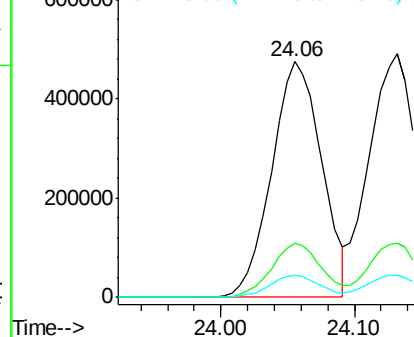
253 22.8 18.2 27.4

125 9.3 7.2 10.8

Manual Integrations
APPROVED

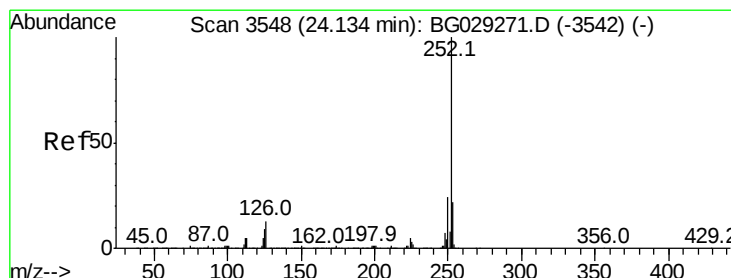


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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#88

Benzo(k)fluoranthene

Concen: 40.923 ng

RT: 24.13 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BG029287.D

Acq: 17 Oct 2017 1:25

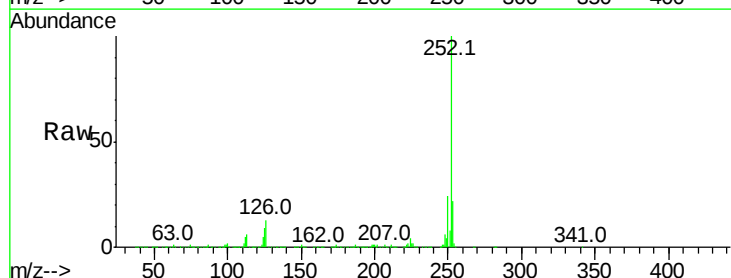
Tgt Ion:252 Resp: 1216852

Ion Ratio Lower Upper

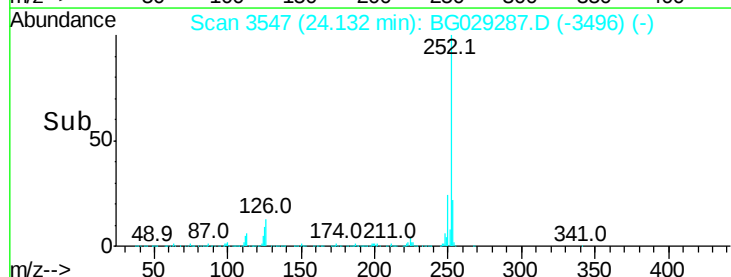
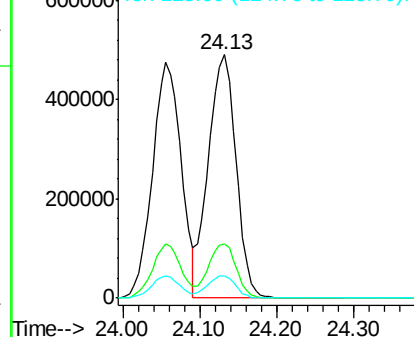
252 100

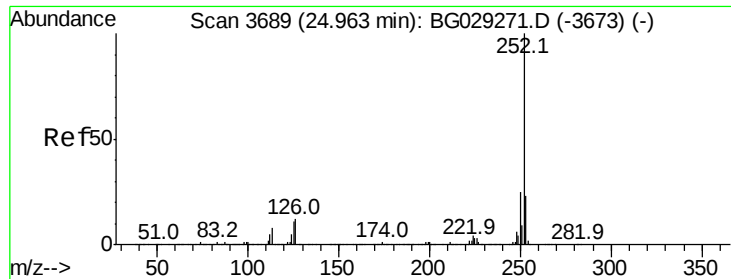
253 22.0 17.4 26.2

125 9.1 6.6 9.8



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



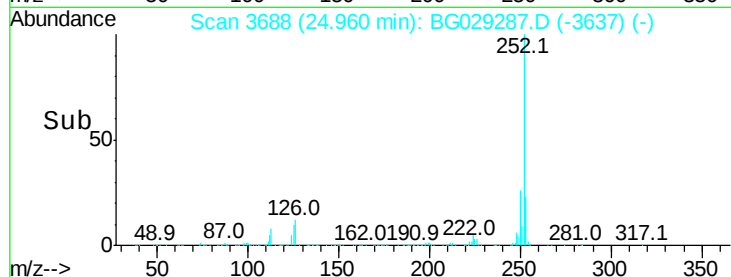
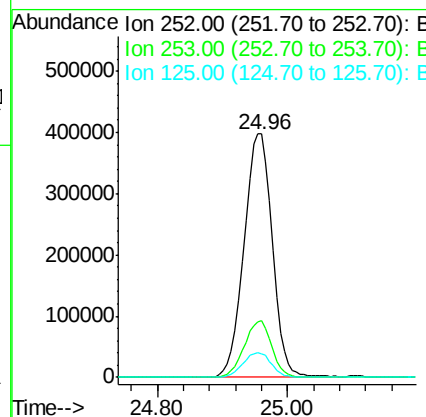
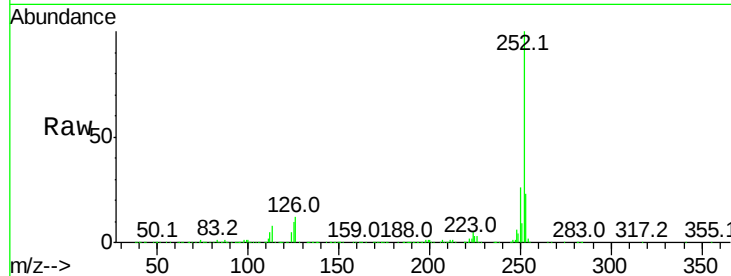


#89
Benzo(a)pyrene
Concen: 41.708 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMS

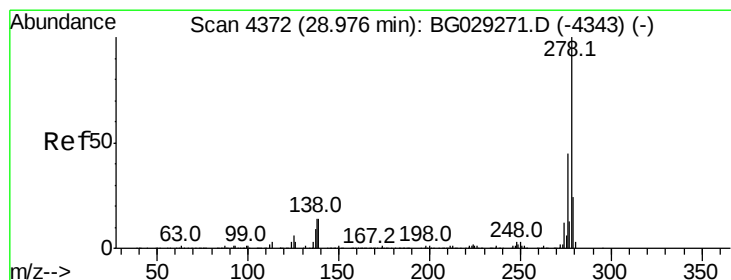
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	9.7	7.3	10.9

Manual Integrations
APPROVED



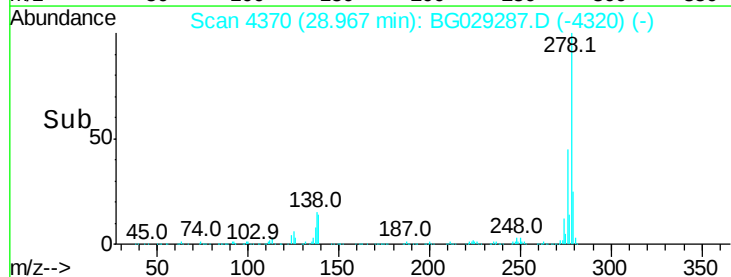
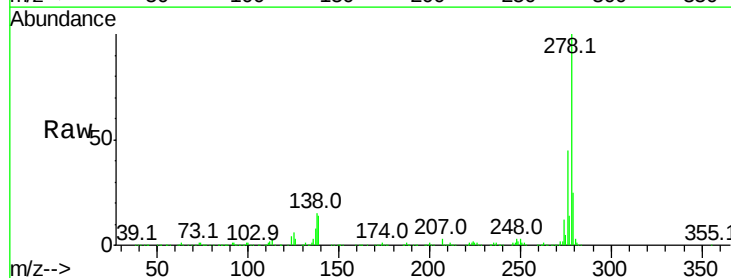
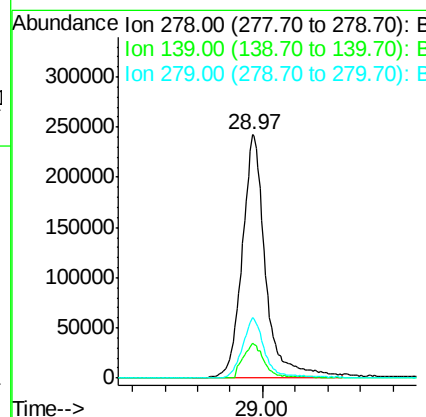
Sohil

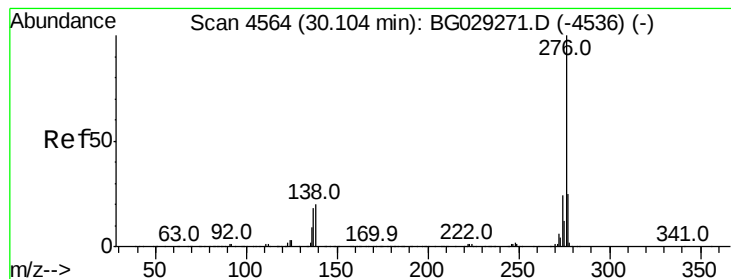
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#90
Dibenzo(a,h)anthracene
Concen: 41.712 ng
RT: 28.97 min Scan# 4370
Delta R.T. -0.01 min
Lab File: BG029287.D
Acq: 17 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.8	14.6
279	24.6	18.4	27.6



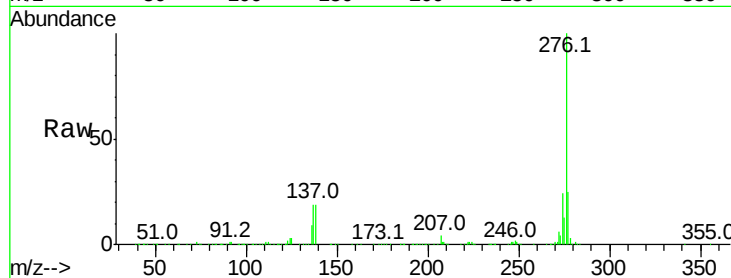


#91
 Benzo(a,h,i)perylene
 Concen: 39.712 ng
 RT: 30.09 min Scan# 4561
 Delta R.T. -0.01 min
 Lab File: BG029287.D
 Acq: 17 Oct 2017 1:25

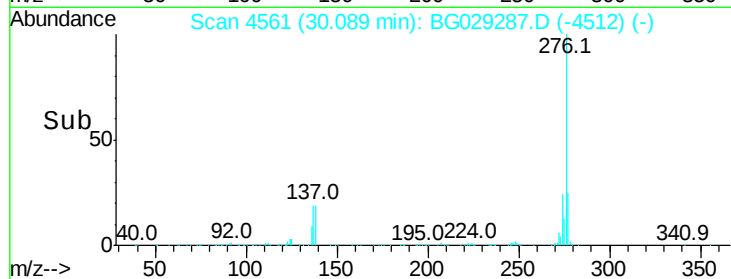
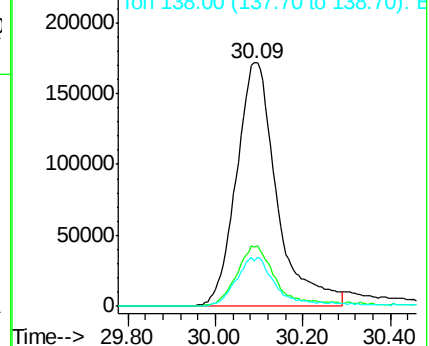
Instrument :
 BNA_G
 ClientSampleId :
 WC-101117-SOILMS

Tot Ion:	276	Resp:	1071851
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.3	27.5
138	18.7	13.9	20.9

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E



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