

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120717\
 Data File : BG031407.D
 Acq On : 7 Dec 2017 20:26
 Operator : SJ/JU
 Sample : I6765-12MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Manual Integrations
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Sohil
 12/8/2017 11:13:40 AM

Quant Time: Dec 08 03:28:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	46986	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	222842	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	166300	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	453177	20.00	ng	0.00
75) Chrysene-d12	21.77	240	495180	20.00	ng	0.00
86) Perylene-d12	25.06	264	492513	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	319936	116.76	ng	0.00
7) Phenol-d6	7.29	99	440816	119.41	ng	0.00
23) Nitrobenzene-d5	9.29	82	265386	70.57	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	237741	88.37	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	782487	67.61	ng	0.00
78) Terphenyl-d14	20.08	244	1495552	66.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	30426	27.363	ng	86
3) Pyridine	3.94	79	85428	26.463	ng	92
4) n-Nitrosodimethylamine	3.86	42	47513	31.055	ng	# 94
6) Aniline	7.45	93	127450	26.234	ng	93
8) 2-Chlorophenol	7.69	128	120185	39.746	ng	85
9) Benzaldehyde	7.27	77	40891	15.829	ng	90
10) Phenol	7.32	94	176068	45.927	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	112755	36.836	ng	90
12) 1,3-Dichlorobenzene	8.01	146	122006	34.390	ng	97
13) 1,4-Dichlorobenzene	8.16	146	124212	34.550	ng	95
14) 1,2-Dichlorobenzene	8.48	146	118813	34.432	ng	97
15) Benzyl Alcohol	8.36	79	104247	35.206	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	169222	50.051	ng	91
17) 2-Methylphenol	8.58	107	107491	40.265	ng	97
18) Hexachloroethane	9.21	117	43049	34.405	ng	90
19) n-Nitroso-di-n-propylamine	8.92	70	93901	33.455	ng	# 97
20) 3+4-Methylphenols	8.90	107	150612	39.676	ng	96
22) Acetophenone	8.95	105	176441	31.800	ng	# 93
24) Nitrobenzene	9.33	77	137152	35.703	ng	91
25) Isophorone	9.86	82	280237	38.209	ng	# 94
26) 2-Nitrophenol	10.05	139	71882	35.898	ng	91
27) 2,4-Dimethylphenol	10.10	122	126721	42.628	ng	95
28) bis(2-Chloroethoxy)methane	10.33	93	165439	35.815	ng	96
29) 2,4-Dichlorophenol	10.60	162	143170	40.107	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	147565	34.625	ng	98
31) Naphthalene	10.99	128	379538	34.646	ng	98
32) Benzoic acid	10.23	122	15087m	11.036	ng	
33) 4-Chloroaniline	11.11	127	118023	24.611	ng	96
34) Hexachlorobutadiene	11.27	225	91722	31.033	ng	97
35) Caprolactam	11.87	113	58782m	40.311	ng	
36) 4-Chloro-3-methylphenol	12.22	107	158003	40.668	ng	# 86
37) 2-Methylnaphthalene	12.58	142	308353	36.463	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	188083	28.496	ng	96
40) Hexachlorocyclopentadiene	12.92	237	128724	56.364	ng	91

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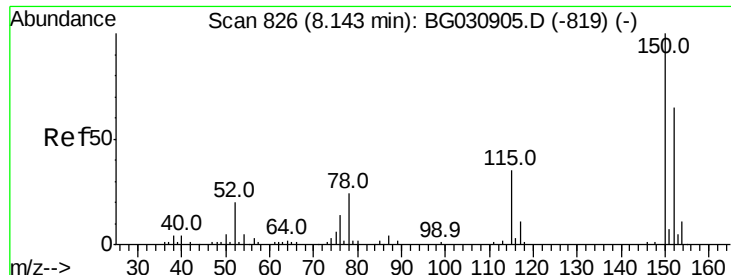
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Quant Time: Dec 08 03:28:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	136945	36.294	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	150627	36.486	ng	# 95
45) 1,1'-Biphenyl	13.58	154	419340	30.409	ng	98
46) 2-Chloronaphthalene	13.63	162	343905	34.564	ng	96
47) 2-Nitroaniline	13.83	65	108904	36.929	ng	# 85
48) Acenaphthylene	14.47	152	543045	33.347	ng	99
49) Dimethylphthalate	14.19	163	546382	37.999	ng	100
50) 2,6-Dinitrotoluene	14.32	165	115368	38.927	ng	# 78
51) Acenaphthene	14.81	154	331696	32.614	ng	98
52) 3-Nitroaniline	14.66	138	84066	26.714	ng	# 85
53) 2,4-Dinitrophenol	14.88	184	54879	37.056	ng	# 51
54) Dibenzofuran	15.14	168	568376	35.086	ng	99
55) 4-Nitrophenol	14.99	139	163405	72.894	ng	# 84
56) 2,4-Dinitrotoluene	15.12	165	166619	38.888	ng	# 73
57) Fluorene	15.79	166	460421	35.008	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	149728	38.054	ng	# 91
59) Diethylphthalate	15.55	149	513742	35.174	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	273492	34.432	ng	92
61) 4-Nitroaniline	15.82	138	123558	37.079	ng	88
62) Azobenzene	16.07	77	408254	36.651	ng	95
64) 4,6-Dinitro-2-methylphenol	15.88	198	81812	27.160	ng	84
65) n-Nitrosodiphenylamine	15.99	169	442935	32.255	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	178423	31.086	ng	98
67) Hexachlorobenzene	16.80	284	178388	29.250	ng	96
68) Atrazine	16.94	200	194834	34.387	ng	98
69) Pentachlorophenol	17.15	266	173728	51.533	ng	99
70) Phenanthrene	17.54	178	796796	33.769	ng	99
71) Anthracene	17.62	178	809855	34.254	ng	99
72) Carbazole	17.89	167	767638	34.651	ng	99
73) Di-n-butylphthalate	18.43	149	871549	32.042	ng	99
74) Fluoranthene	19.53	202	1027318	34.387	ng	98
76) Benzidine	19.71	184	489497	30.774	ng	99
77) Pyrene	19.90	202	1051152	35.773	ng	97
79) Butylbenzylphthalate	20.76	149	402800	34.381	ng	88
80) Benzo(a)anthracene	21.74	228	1030811	33.513	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	260145	20.952	ng	99
82) Chrysene	21.81	228	980608	34.464	ng	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	580567	34.329	ng	99
84) Di-n-octyl phthalate	22.85	149	982000	35.676	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.85	276	1078934	31.192	ng	# 91
87) Benzo(b)fluoranthene	24.01	252	1004558	33.719	ng	99
88) Benzo(k)fluoranthene	24.08	252	980915	33.218	ng	98
89) Benzo(a)pyrene	24.90	252	967435	34.182	ng	98
90) Dibenzo(a,h)anthracene	28.89	278	914805	31.624	ng	98
91) Benzo(g,h,i)perylene	30.03	276	886078	31.560	ng	99

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



#1

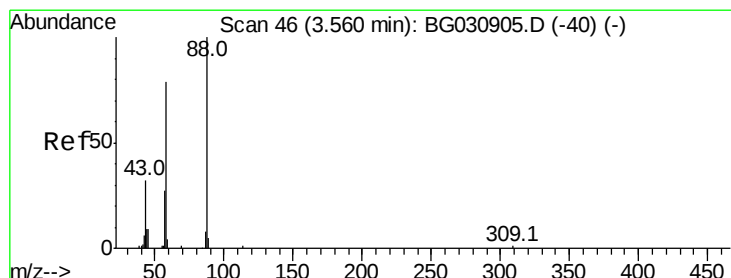
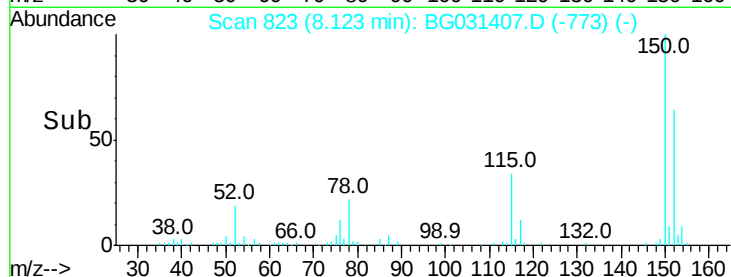
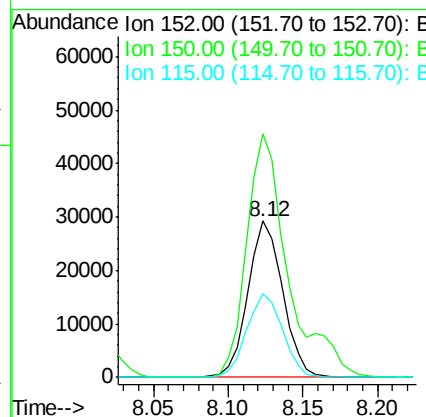
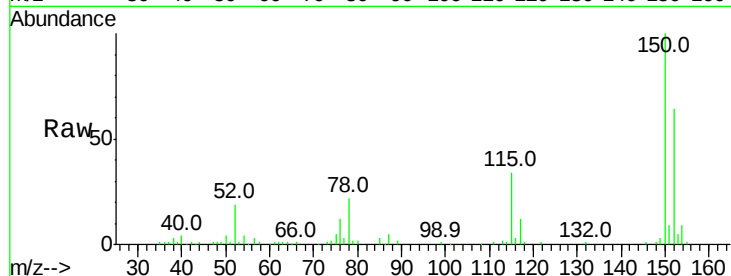
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.6	189.8
115	53.4	53.0	79.4

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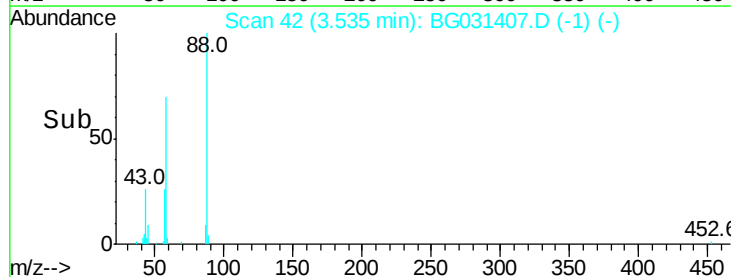
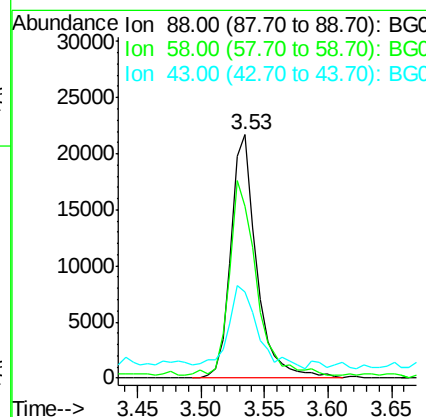
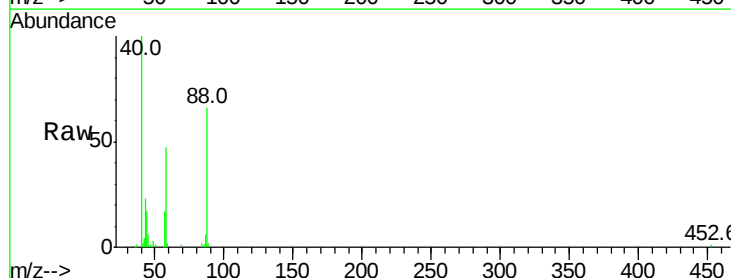
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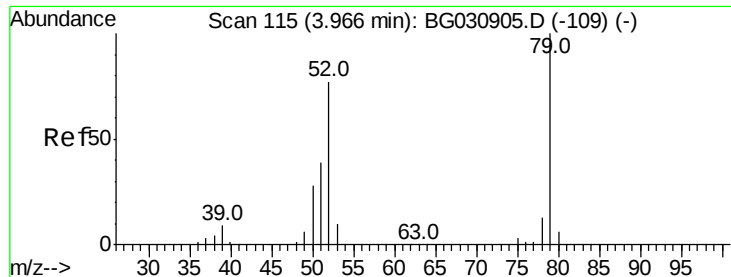


#2

1,4-Dioxane
Concen: 27.363 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	79.6	119.4
43	38.2	27.4	41.0





#3

Pvridine

Concen: 26.463 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

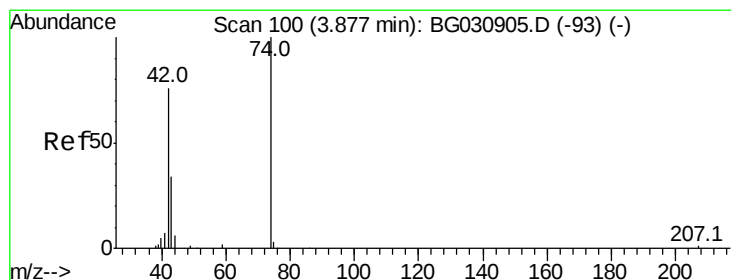
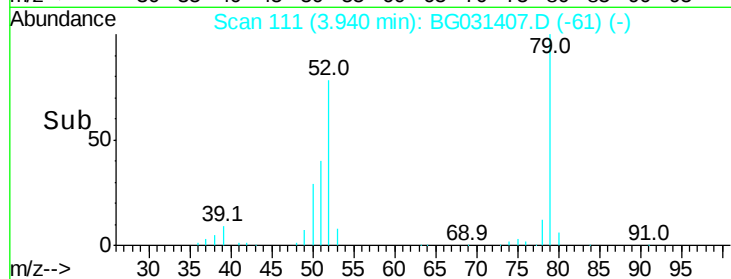
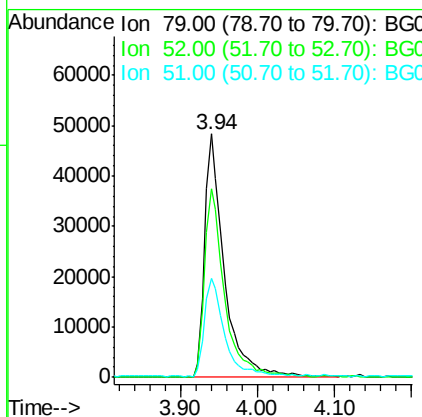
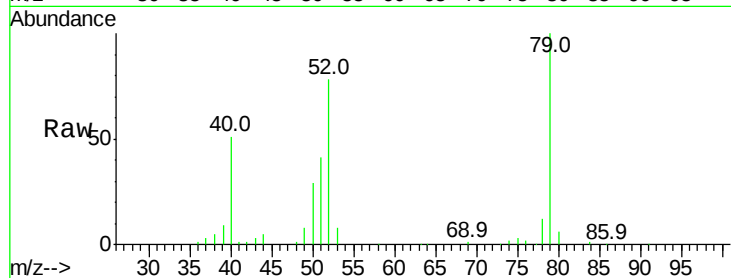
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	79	Resp:	85428
Ion Ratio	Lower	Upper	
79	100		
52	77.5	69.9	104.9
51	40.7	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 31.055 ng

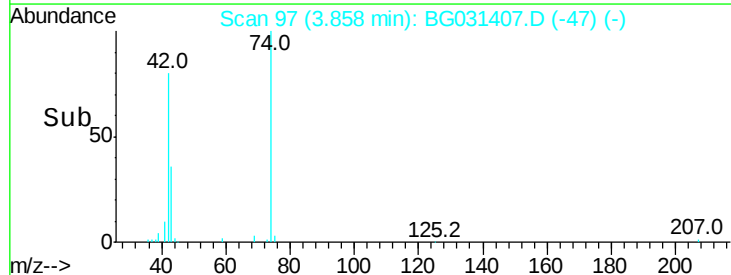
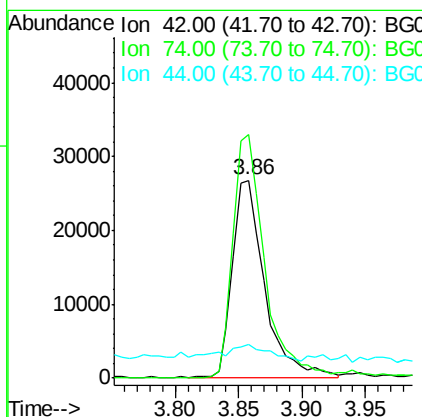
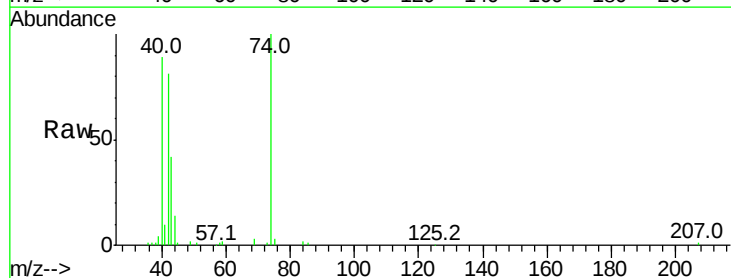
RT: 3.86 min Scan# 97

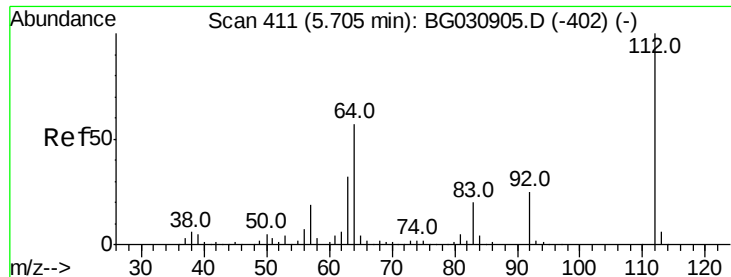
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	42	Resp:	47513
Ion Ratio	Lower	Upper	
42	100		
74	123.1	102.5	153.7
44	16.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 116.761 ng

RT: 5.68 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

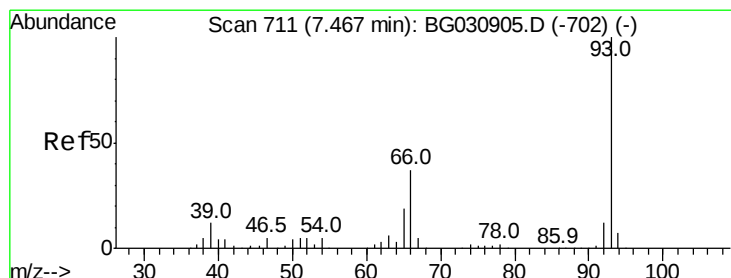
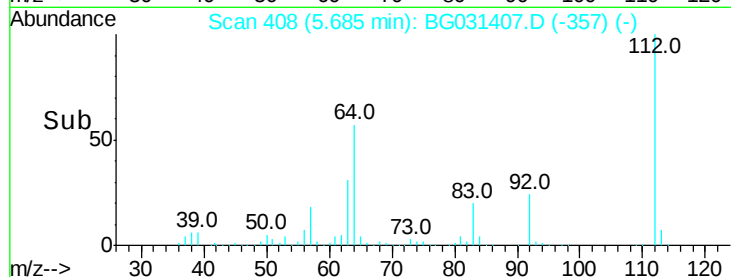
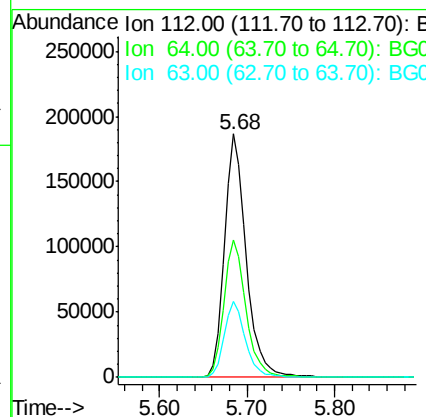
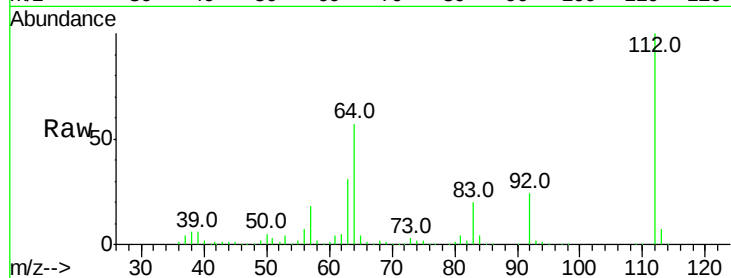
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	112	Resp:	319936
Ion Ratio	Lower	Upper	
112	100		
64	56.6	56.3	84.5
63	31.1	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 26.234 ng

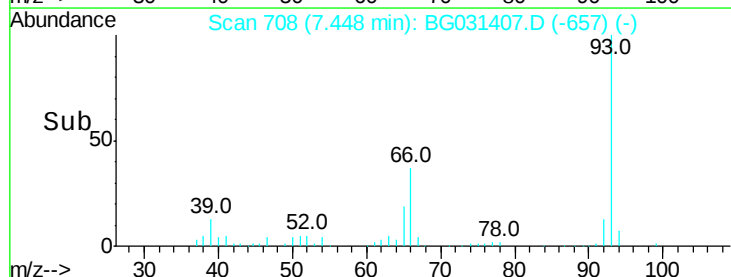
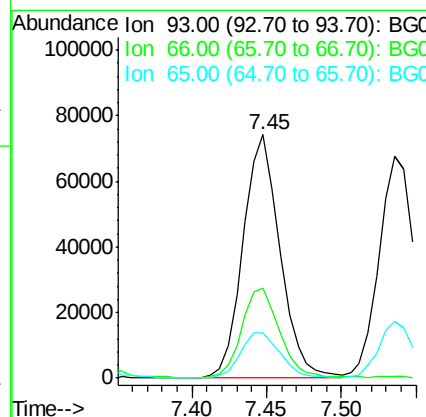
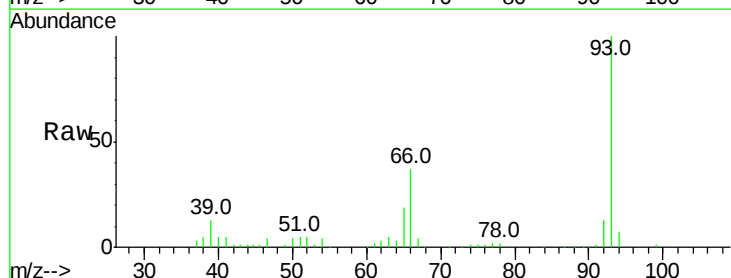
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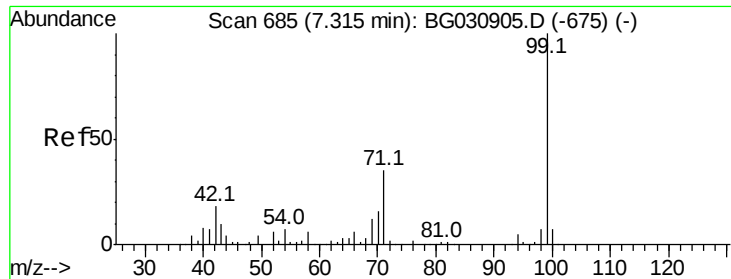
Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	93	Resp:	127450
Ion Ratio	Lower	Upper	
93	100		
66	36.8	33.7	50.5
65	18.8	16.1	24.1





#7

Phenol-d6

Concen: 119.414 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

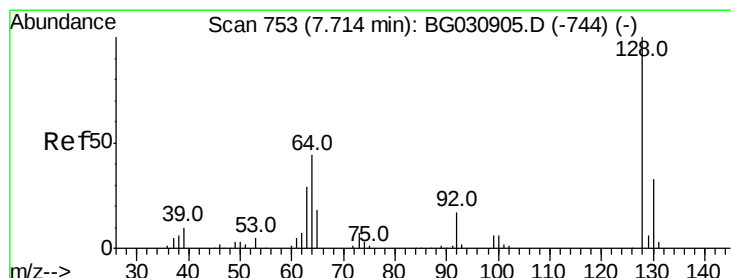
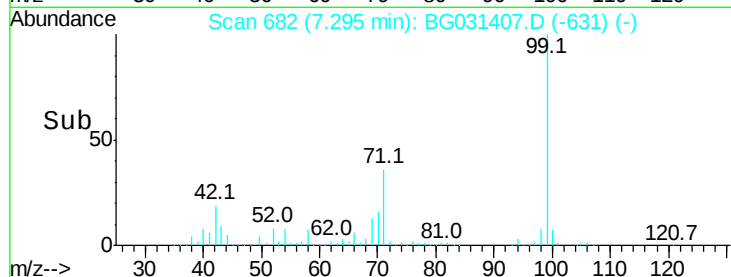
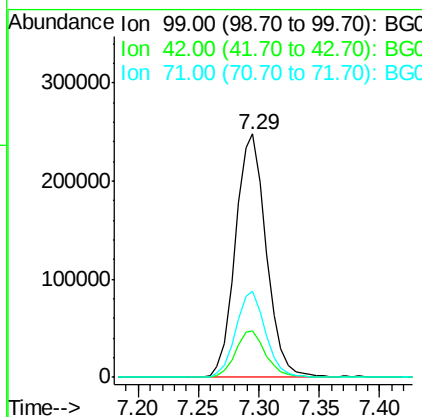
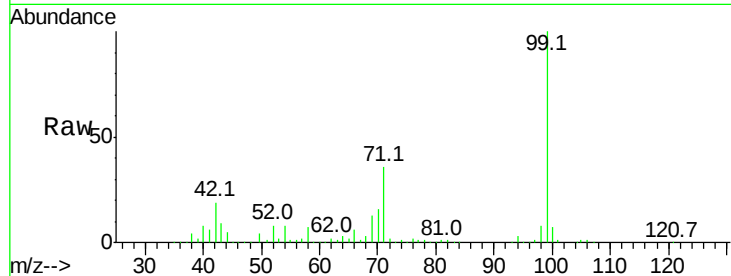
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Tot Ion:	99	Resp:	440816
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.1	21.1
71	35.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 39.746 ng

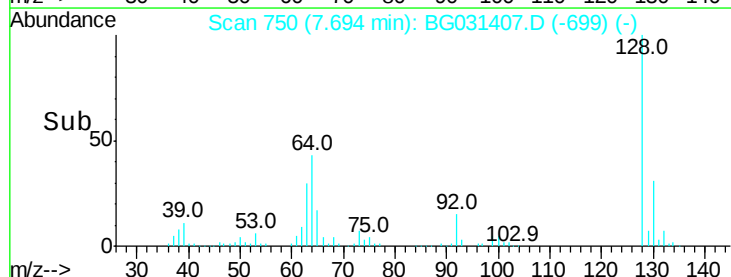
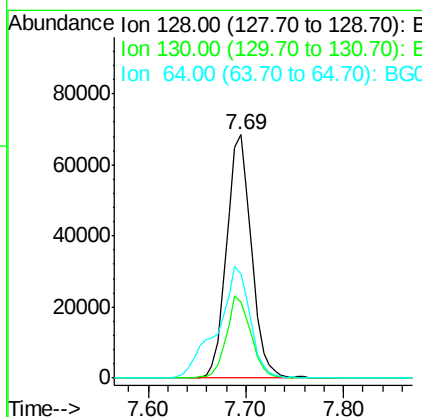
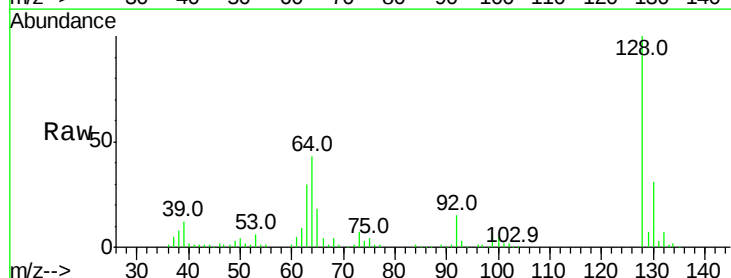
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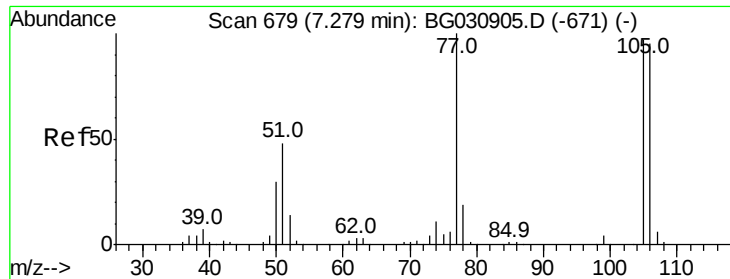
Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	128	Resp:	120185
Ion Ratio	Lower	Upper	
128	100		
130	31.3	14.0	54.0
64	42.6	37.7	77.7





#9

Benzaldehyde

Concen: 15.829 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

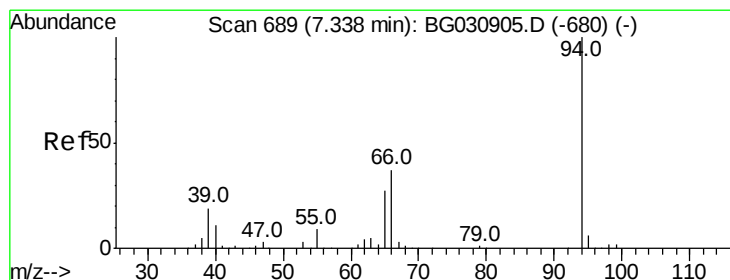
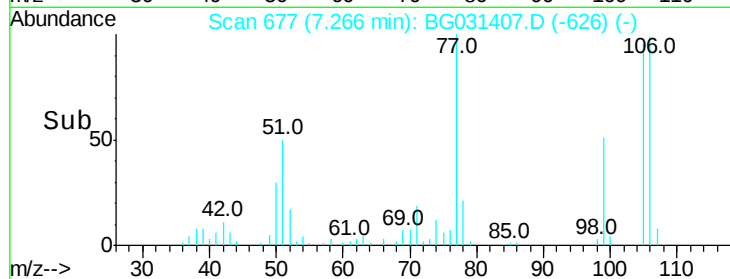
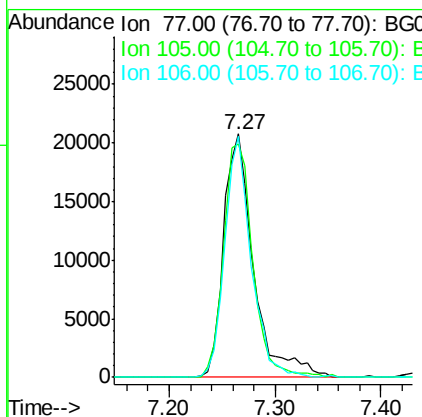
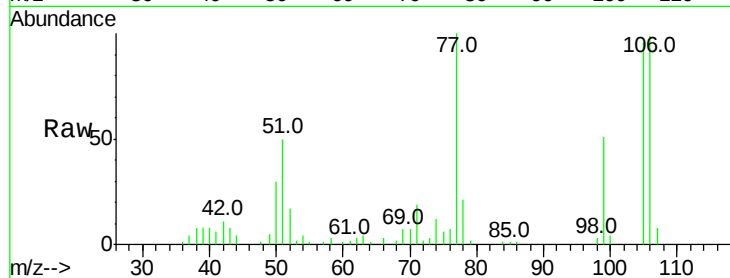
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	77	Resp:	40891
Ion	Ratio	Lower	Upper
77	100		
105	95.8	71.3	111.3
106	98.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 45.927 ng

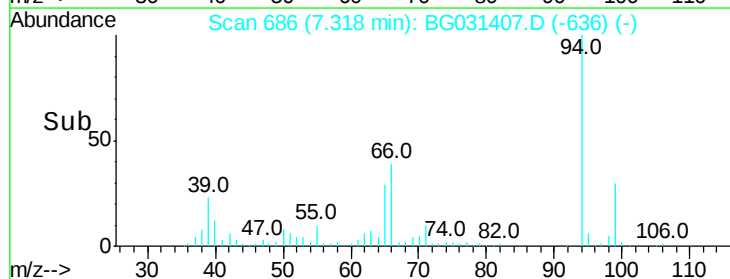
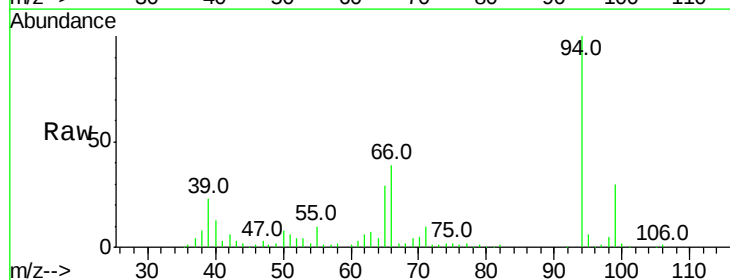
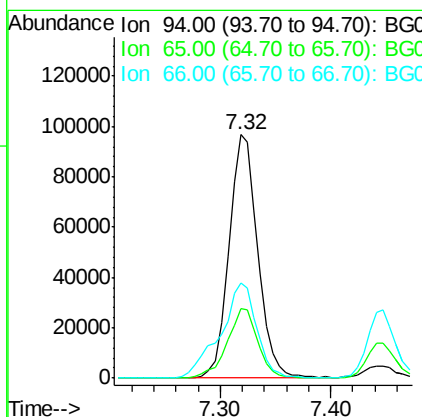
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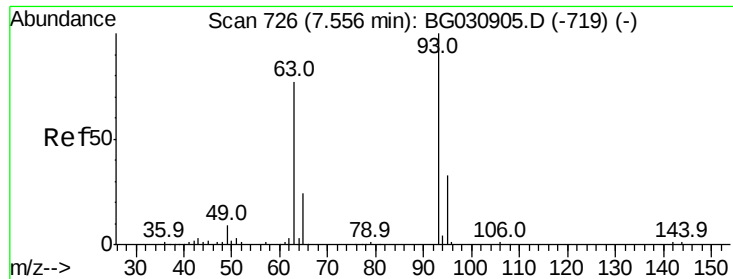
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	94	Resp:	176068
Ion	Ratio	Lower	Upper
94	100		
65	28.8	11.9	51.9
66	39.1	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 36.836 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

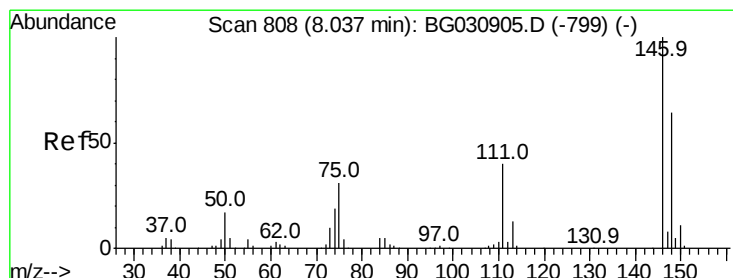
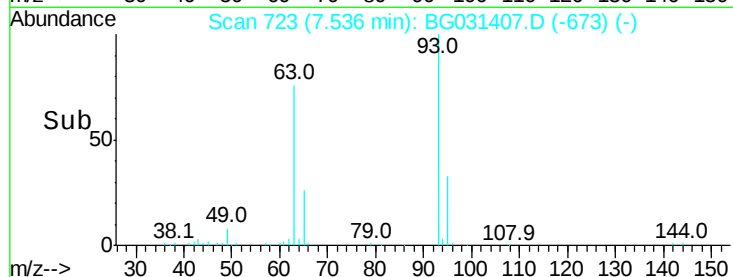
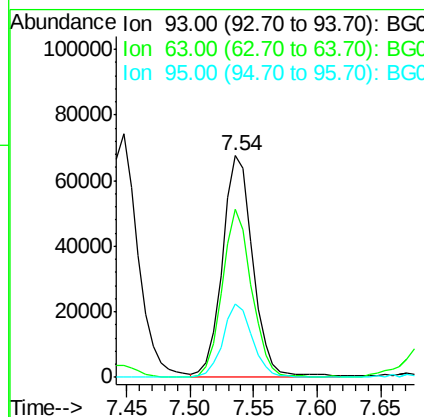
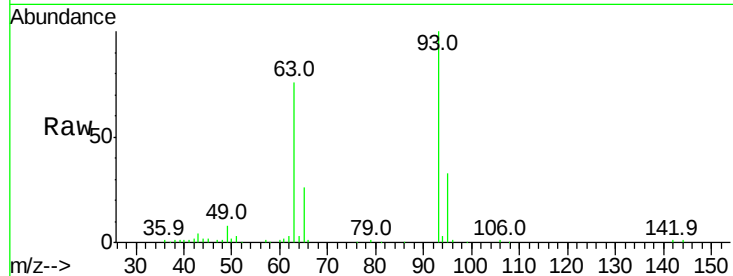
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	93	Resp:	112755
Ion Ratio	Lower	Upper	
93	100		
63	75.9	67.1	107.1
95	33.4	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 34.390 ng

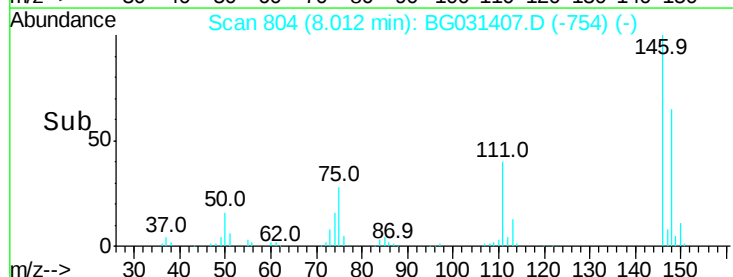
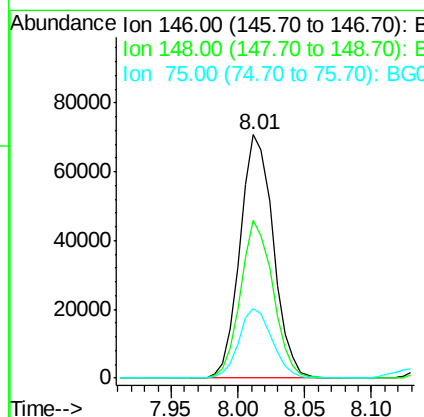
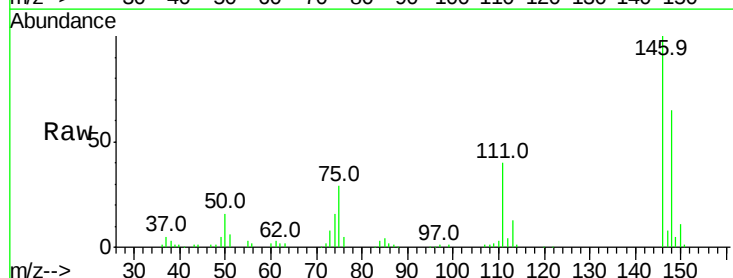
RT: 8.01 min Scan# 804

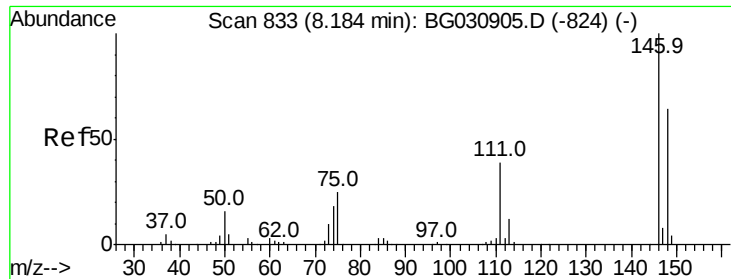
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	146	Resp:	122006
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.4	77.2
75	28.8	26.6	39.8





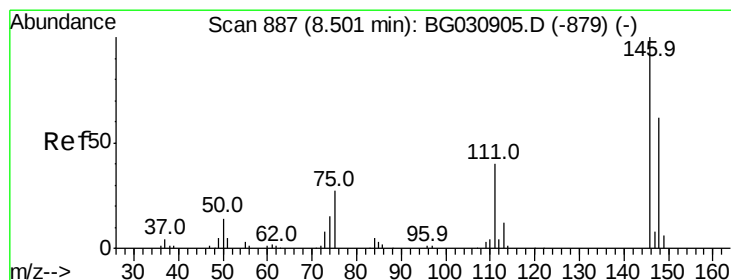
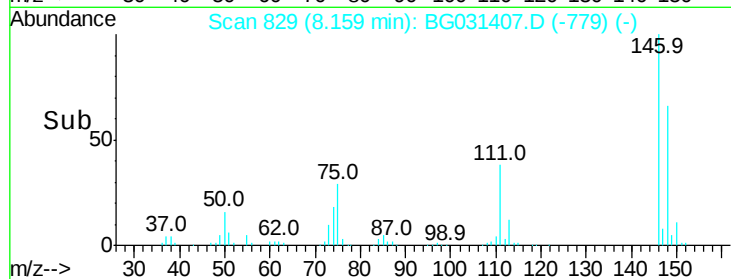
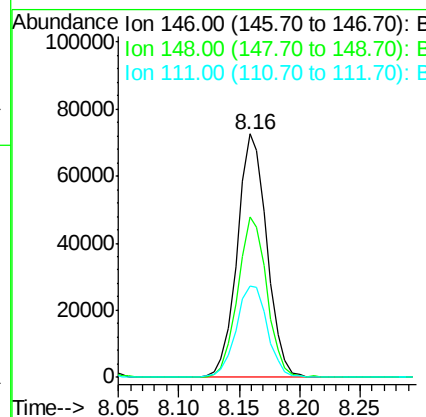
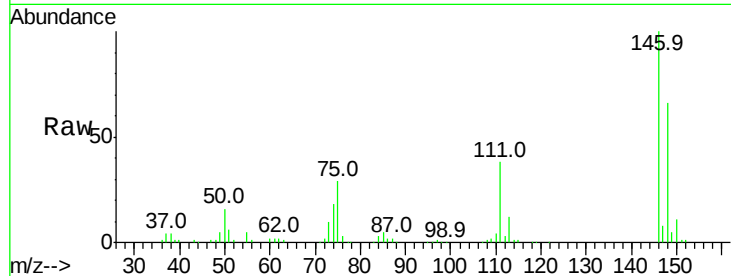
#13
 1,4-Dichlorobenzene
 Concen: 34.550 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.7	80.5
111	37.6	35.2	52.8

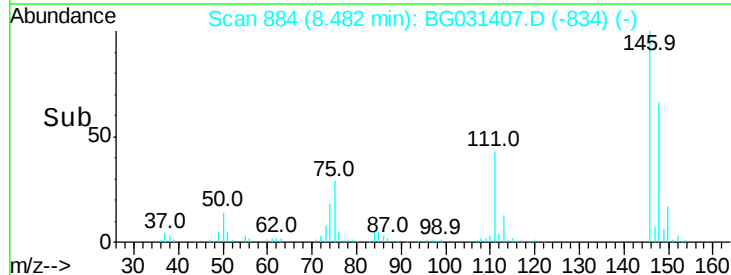
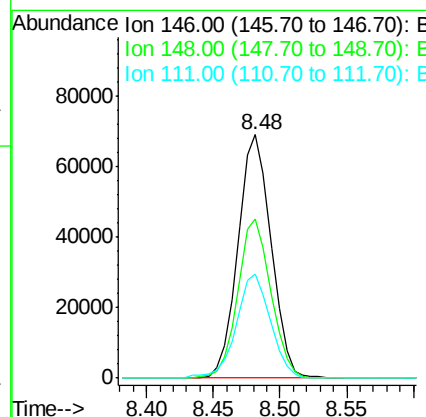
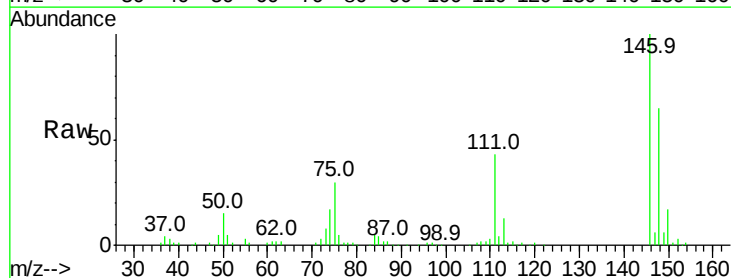
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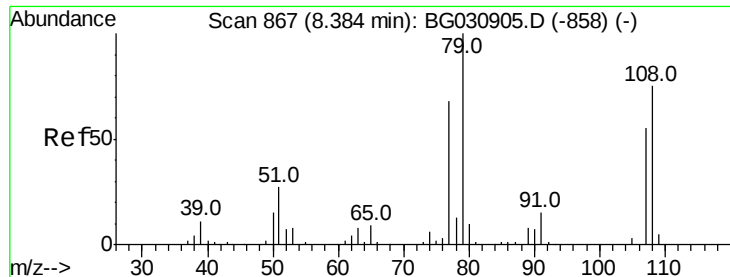
Sohil
 12/8/2017 11:13:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 34.432 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.3	73.9
111	42.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 35.206 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

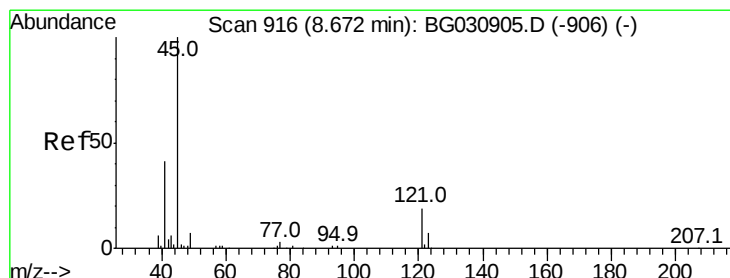
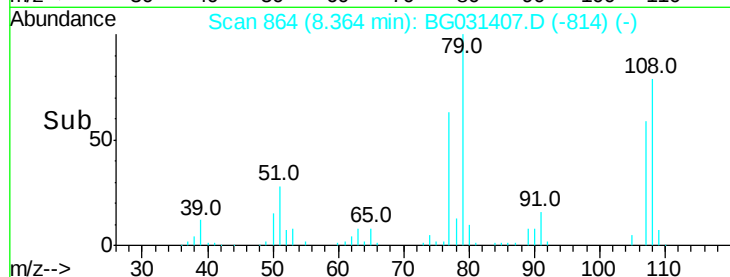
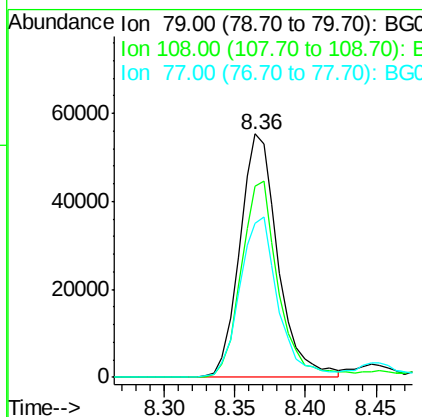
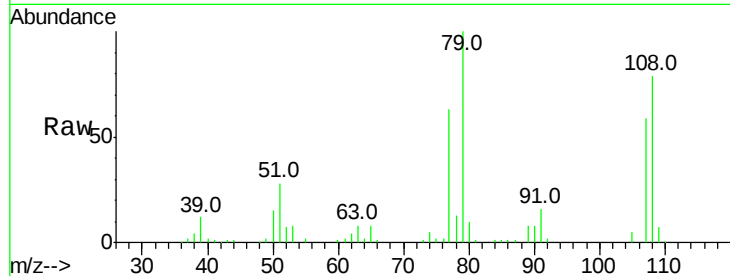
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	79	Resp:	104247
Ion Ratio	Lower	Upper	
79	100		
108	78.5	57.2	85.8
77	63.1	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 50.051 ng

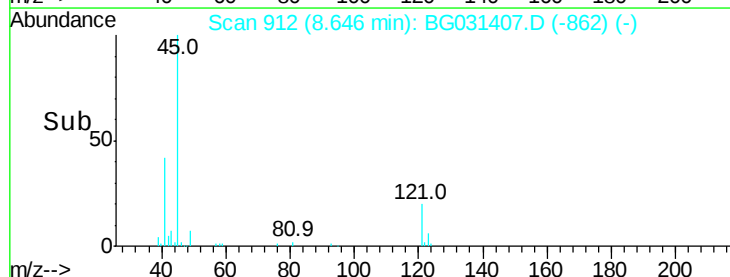
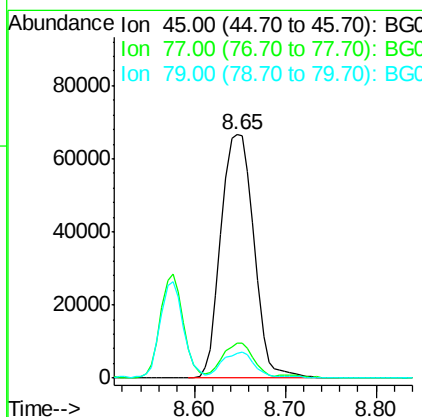
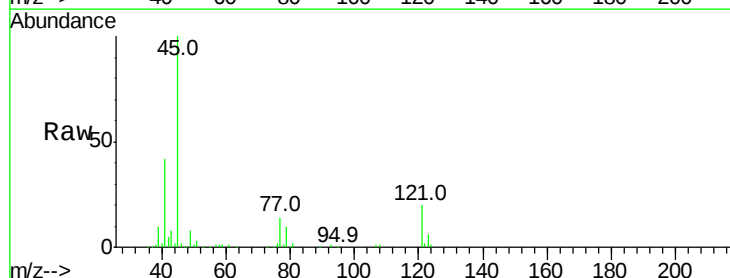
RT: 8.65 min Scan# 912

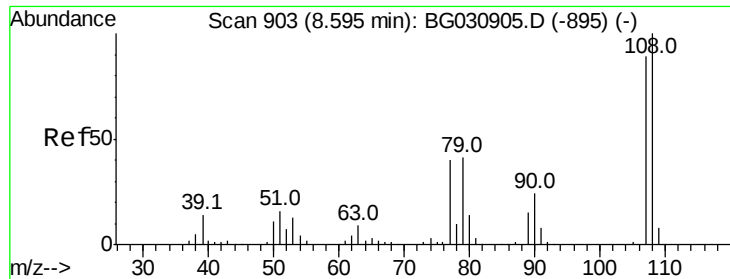
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	45	Resp:	169222
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	30.2
79	10.3	0.0	27.9





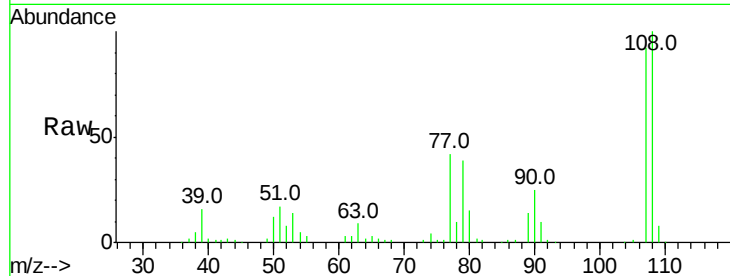
#17
2-Methylphenol
Concen: 40.265 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

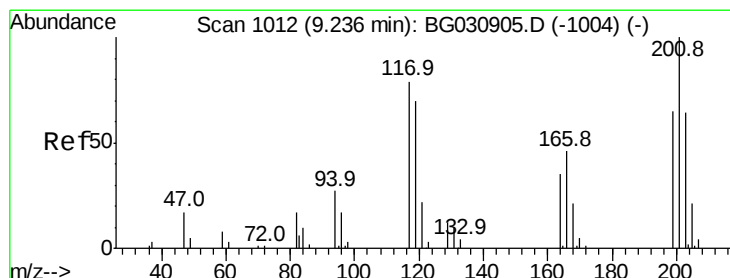
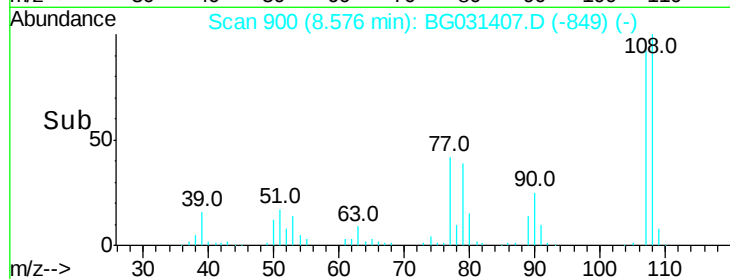
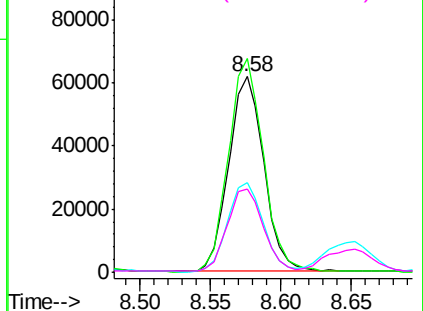
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	83.9	125.9	
77	45.8	37.2	55.8	
79	42.3	36.2	54.2	

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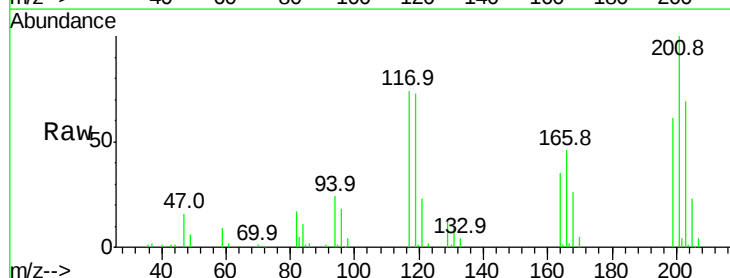


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

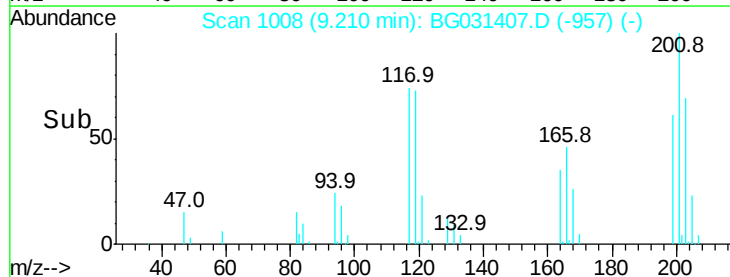
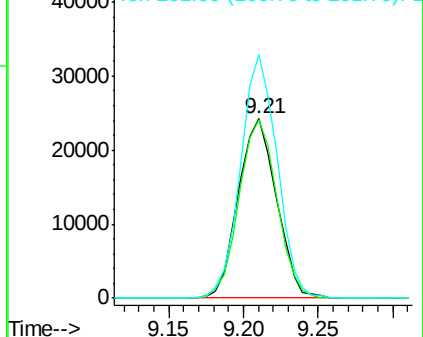


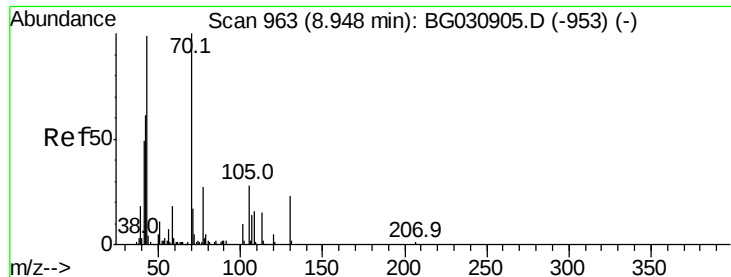
#18
Hexachloroethane
Concen: 34.405 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	76.7	115.1	
201	136.0	95.7	143.5	



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





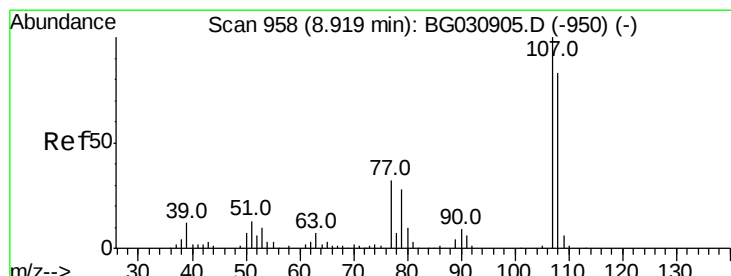
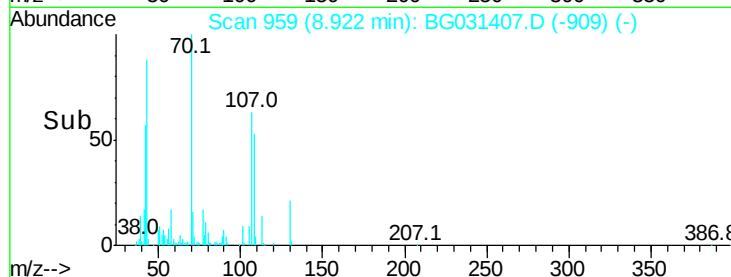
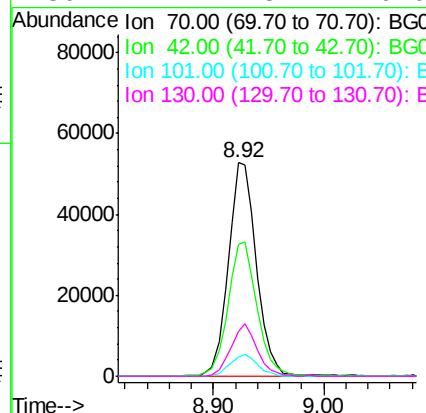
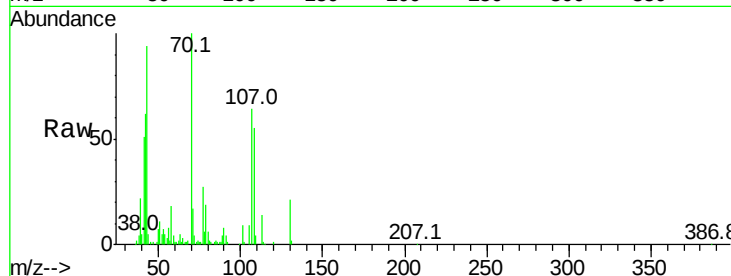
#19
n-Nitroso-di-n-propylamine
Concen: 33.455 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	49.1	73.7
101	8.8	8.5	12.7
130	21.1	13.4	20.0

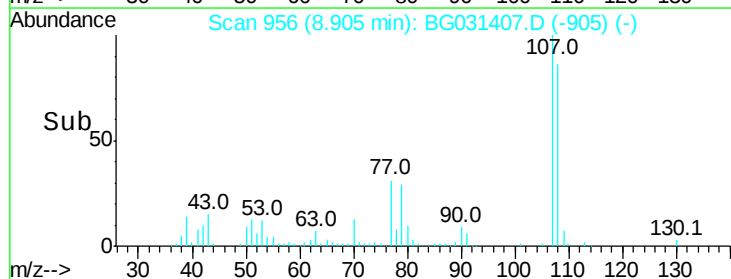
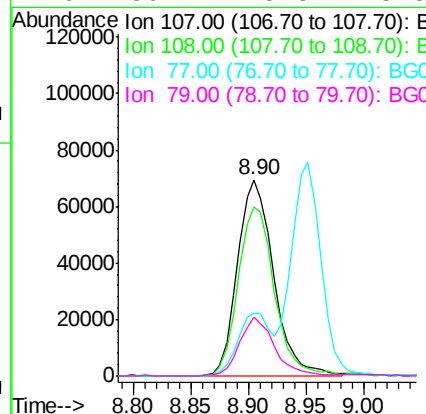
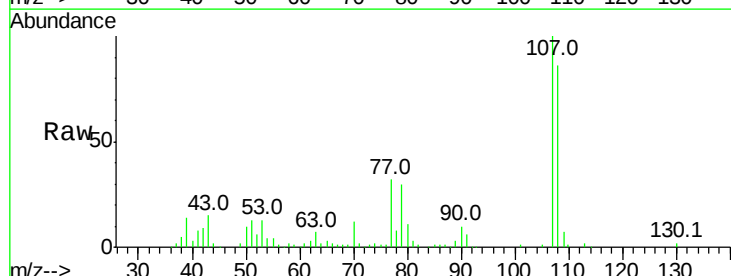
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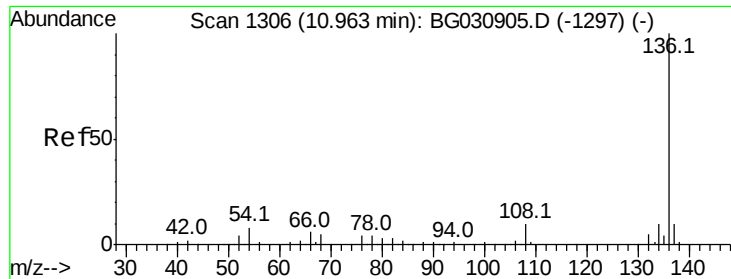
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#20
3+4-Methylphenols
Concen: 39.676 ng
RT: 8.90 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	61.6	101.6
77	31.8	13.9	53.9
79	30.4	8.8	48.8





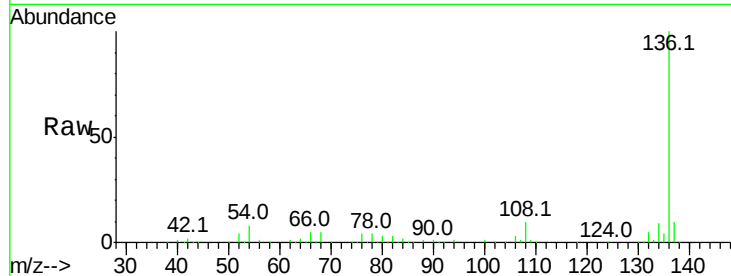
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

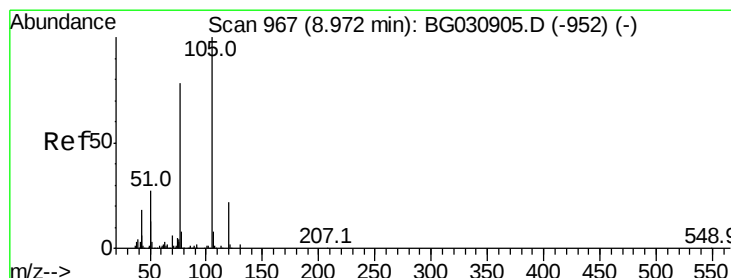
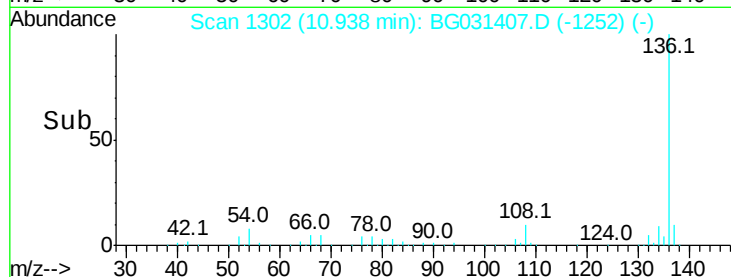
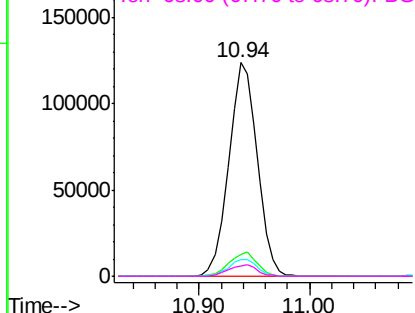
Tot Ion	Ratio	Resp	Lower	Upper
136	100	222842		
137	10.5		9.2	13.8
54	7.5		10.3	15.5
68	4.8		4.5	6.7

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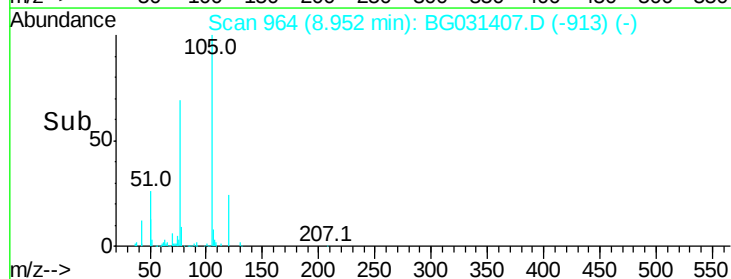
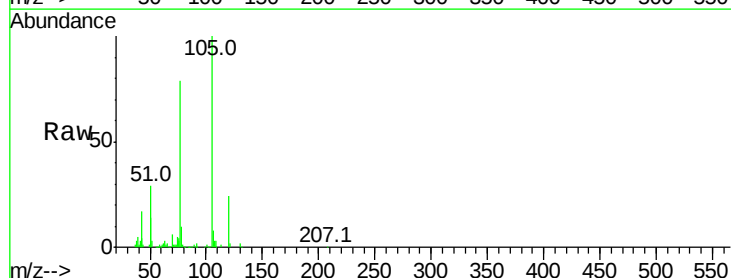
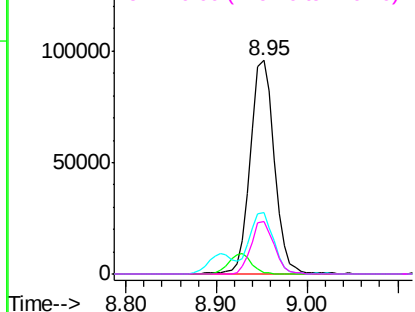
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

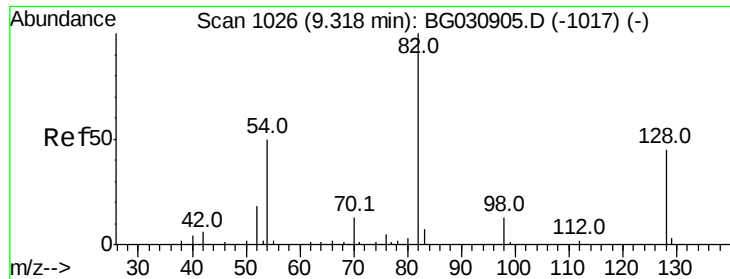


#22
Acetophenone
Concen: 31.800 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176441		
71	0.9		3.0	4.4
51	28.5		26.1	39.1
120	24.4		17.4	26.2

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





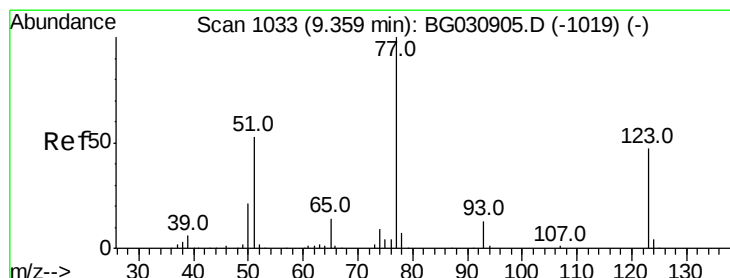
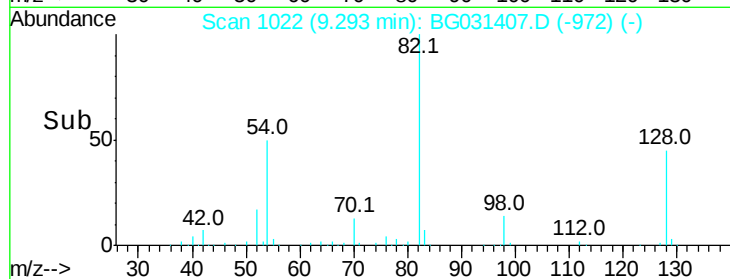
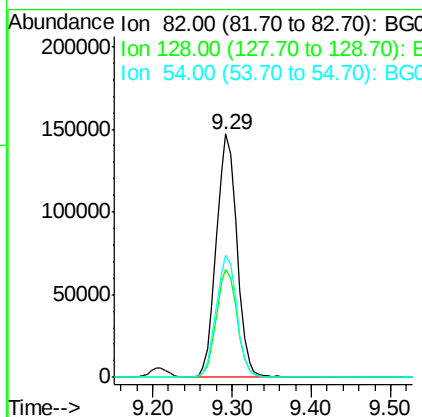
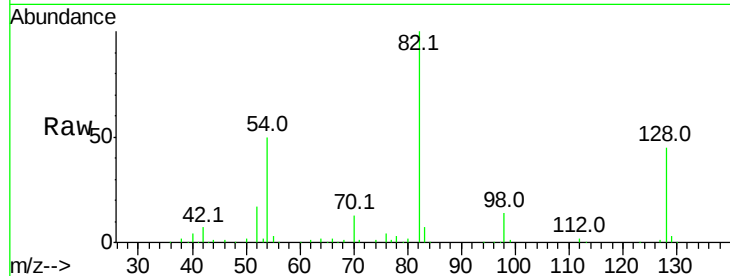
#23
Nitrobenzene-d5
Concen: 70.569 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	29.7	44.5#
54	50.4	43.1	64.7

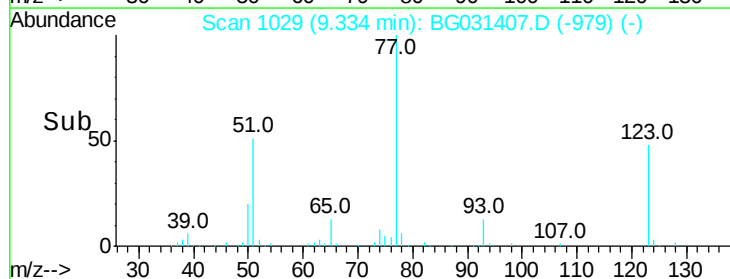
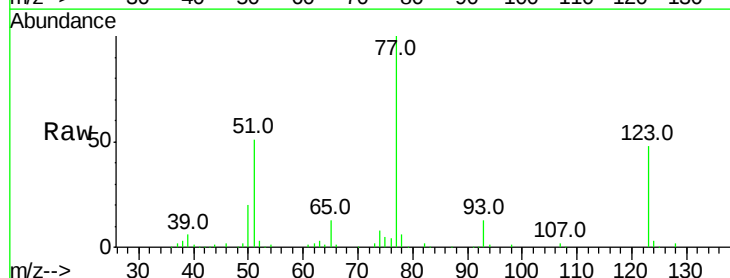
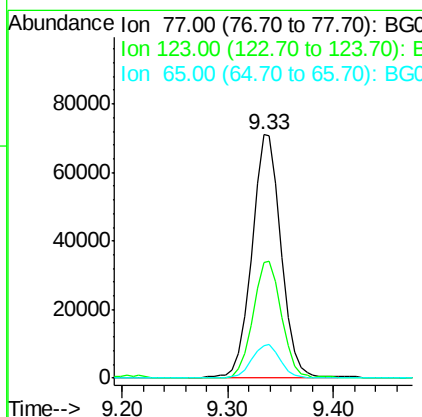
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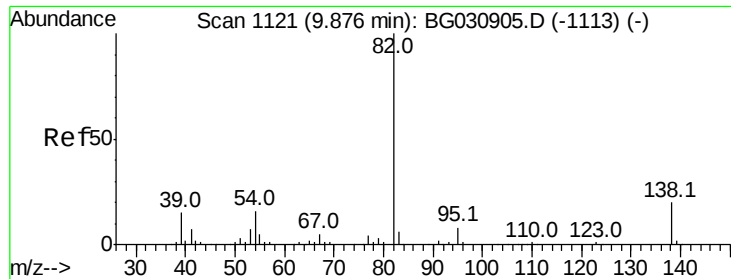
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#24
Nitrobenzene
Concen: 35.703 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	33.0	49.6
65	13.1	13.0	19.6





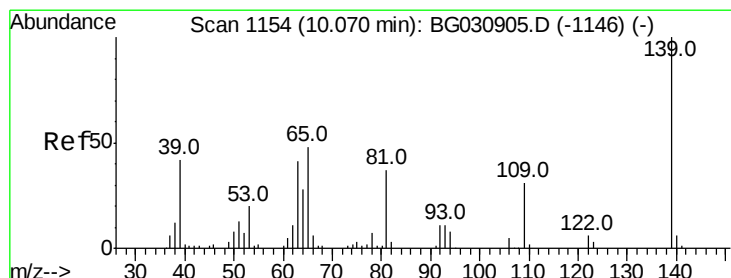
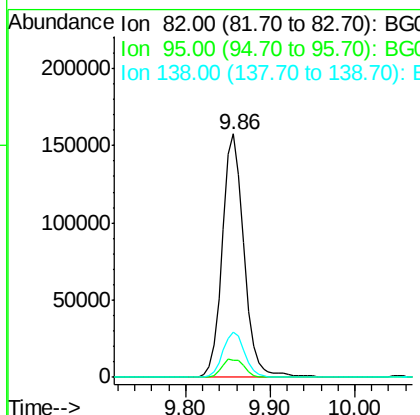
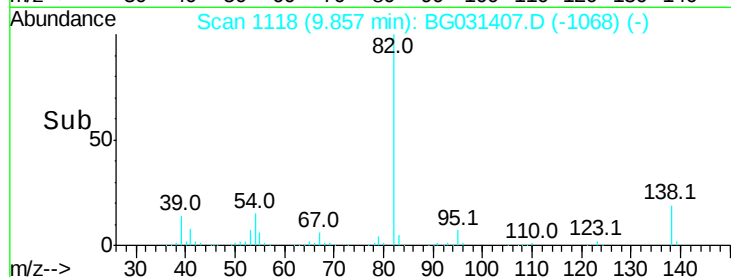
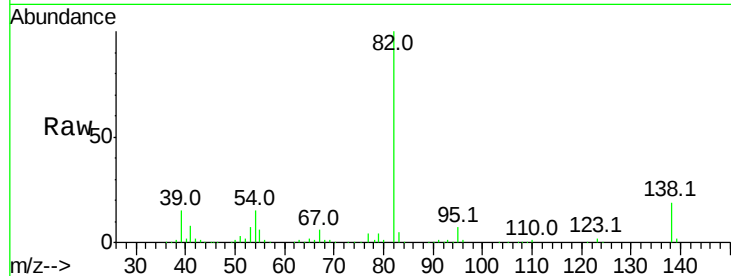
#25
Isophorone
Concen: 38.209 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.2	6.2	9.2
138	18.8	12.1	18.1#

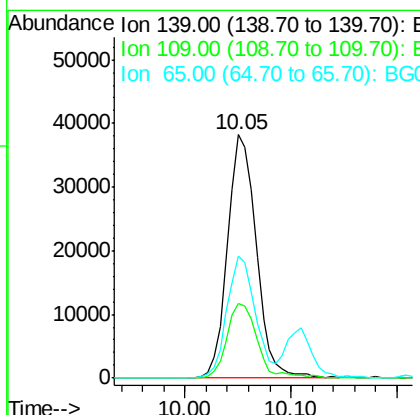
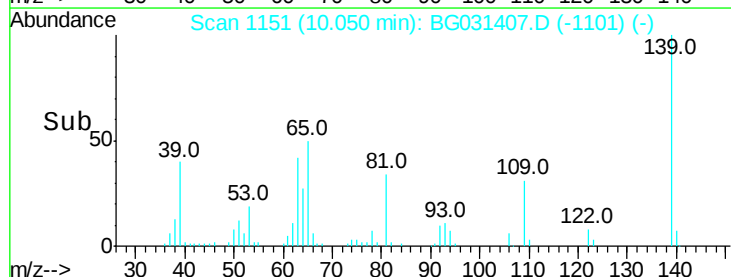
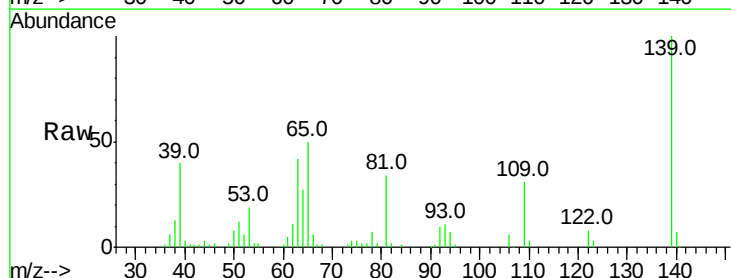
Manual Integrations
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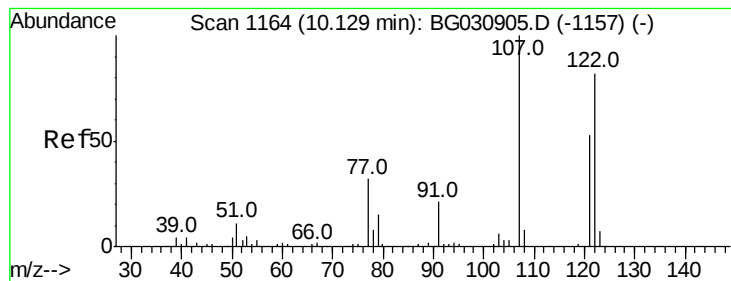
Sohil
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#26
2-Nitrophenol
Concen: 35.898 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	30.9	24.2	36.2
65	49.9	47.4	71.0





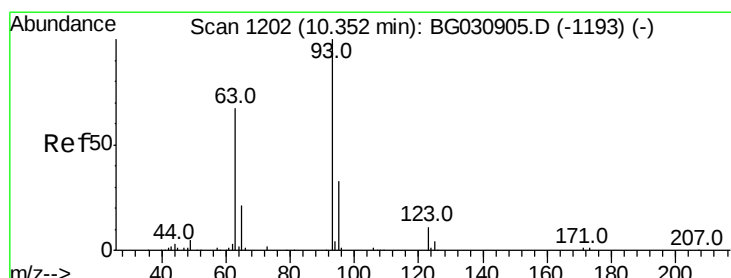
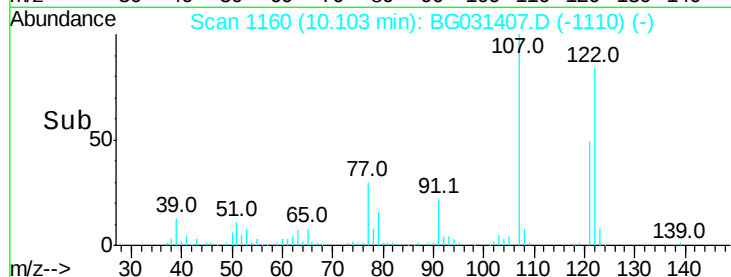
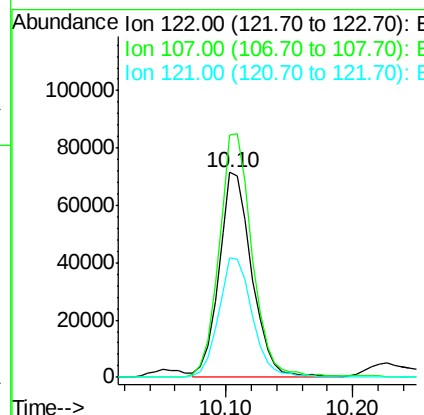
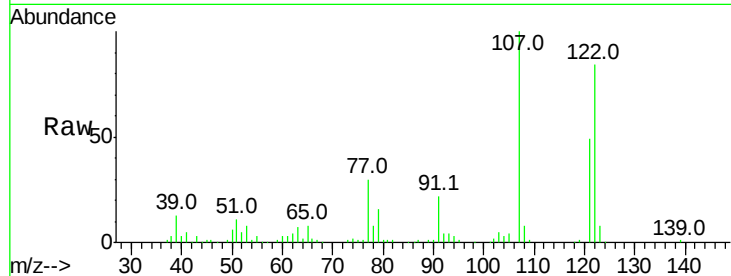
#27
 2,4-Dimethylphenol
 Concen: 42.628 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		126721		
107	118.3	100.2	150.2		
121	58.4	44.4	66.6		

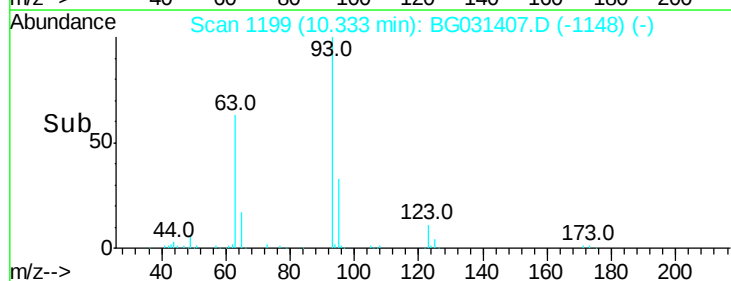
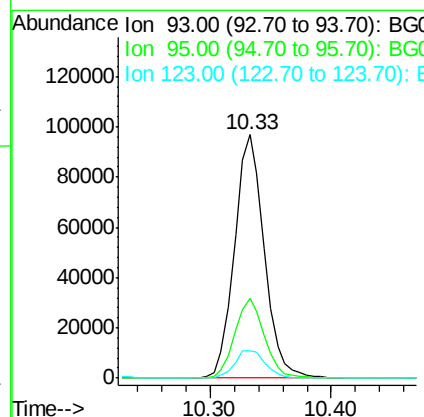
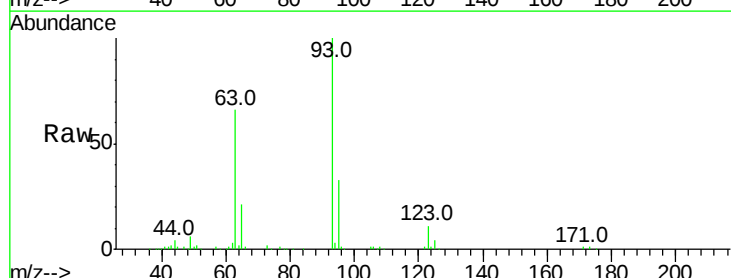
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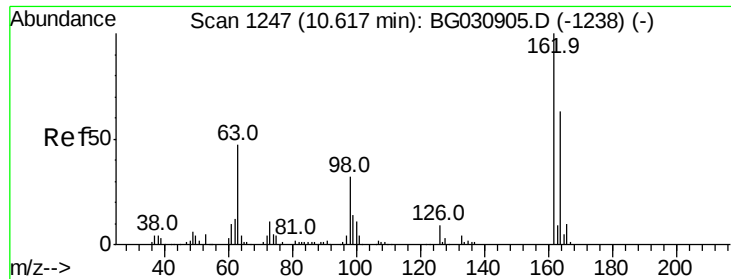
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.815 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		165439		
95	32.9	24.3	36.5		
123	11.3	8.4	12.6		





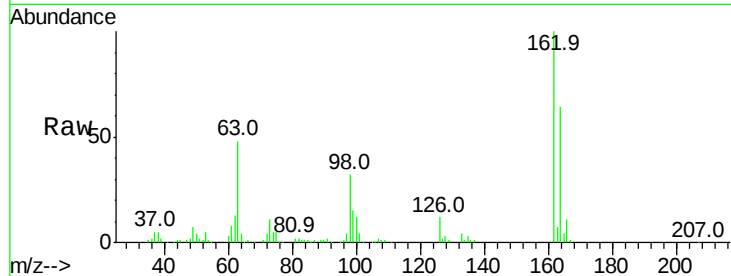
#29
2,4-Dichlorophenol
Concen: 40.107 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

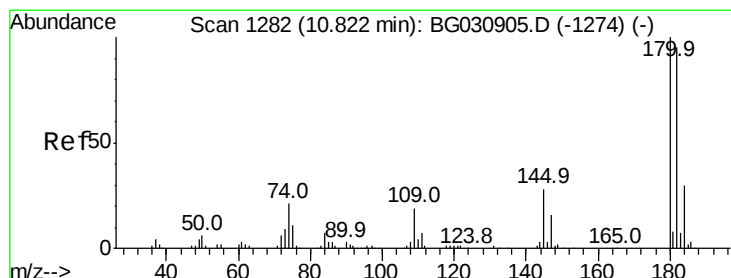
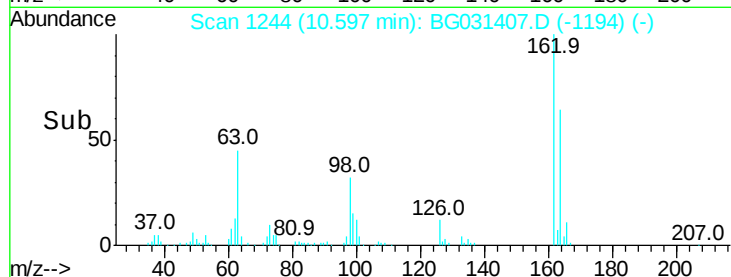
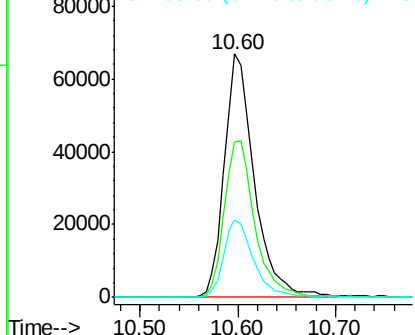
Tot Ion	Ratio	Resp	Lower	Upper
162	100	143170		
164	63.9	48.0	88.0	
98	31.6	21.1	61.1	

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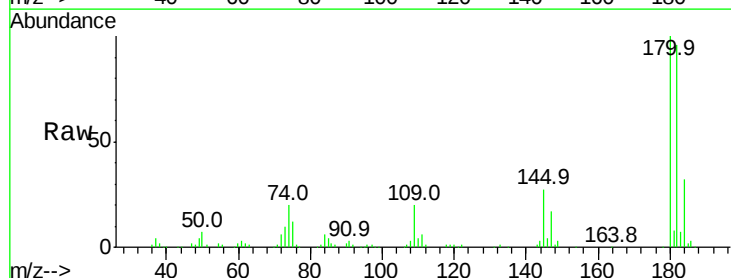


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

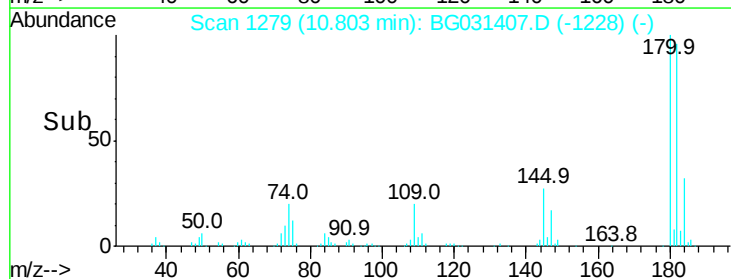
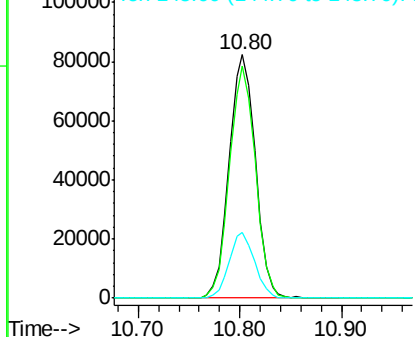


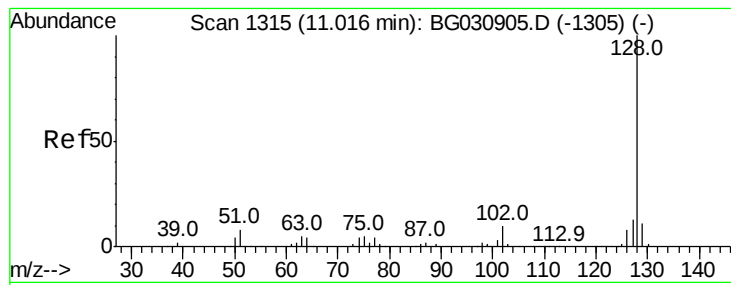
#30
1,2,4-Trichlorobenzene
Concen: 34.625 ng
RT: 10.80 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147565		
182	95.6	77.5	116.3	
145	26.9	23.4	35.2	



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





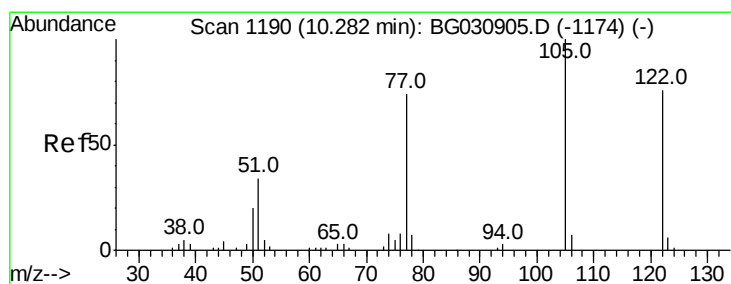
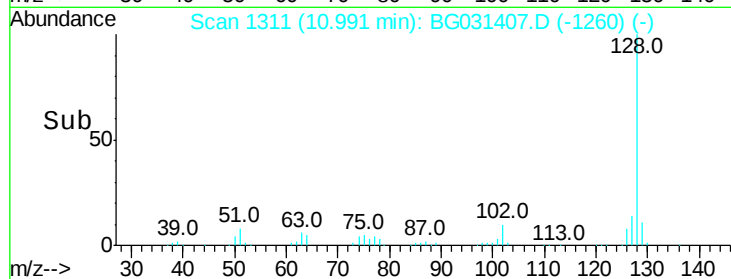
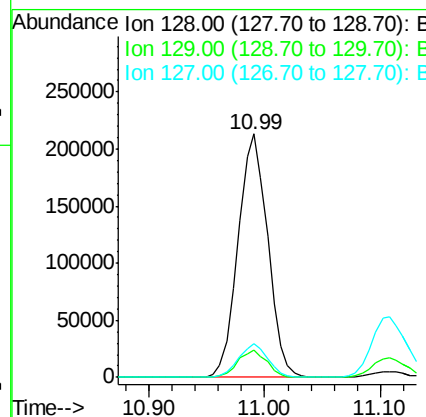
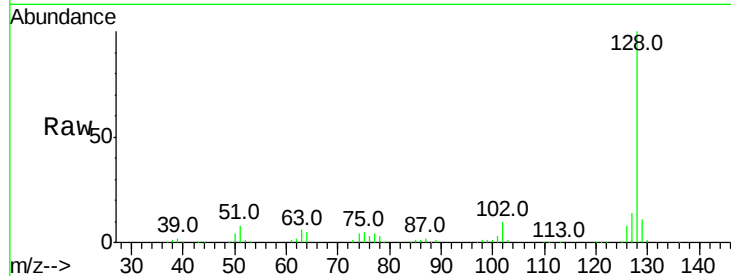
#31
Naphthalene
Concen: 34.646 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.6	11.6	17.4

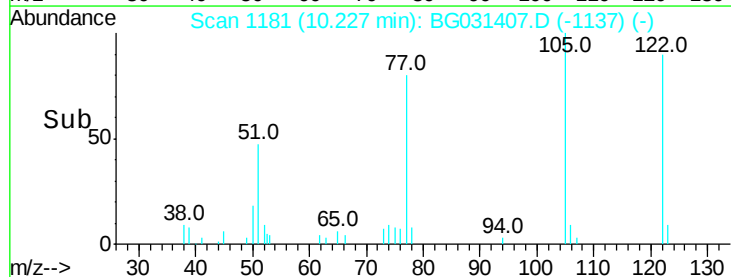
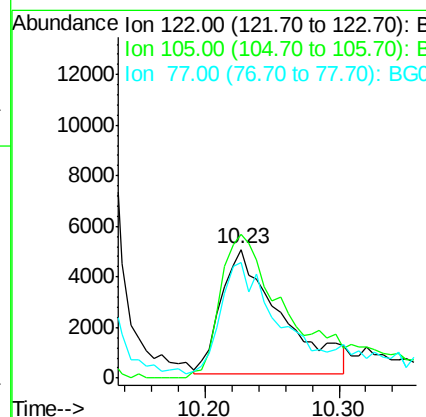
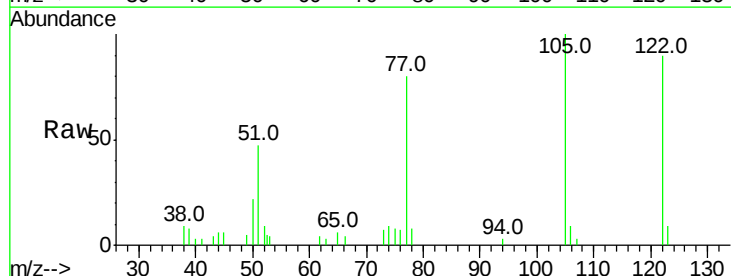
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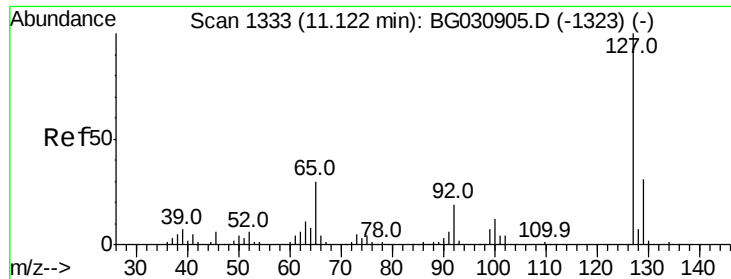
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#32
Benzoic acid
Concen: 11.036 ng m
RT: 10.23 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.4	123.5	163.5#
77	89.4	85.7	125.7





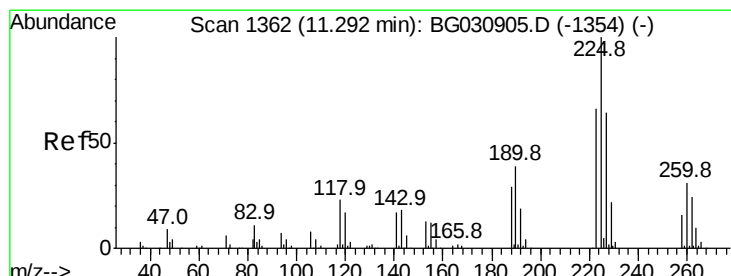
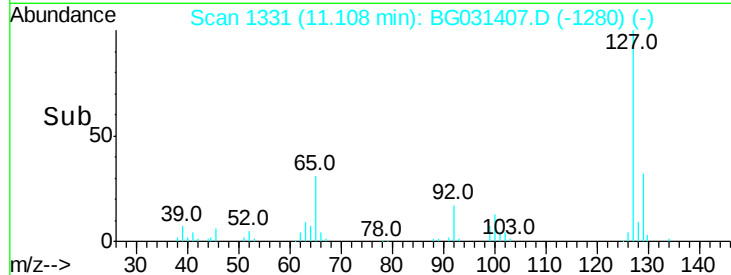
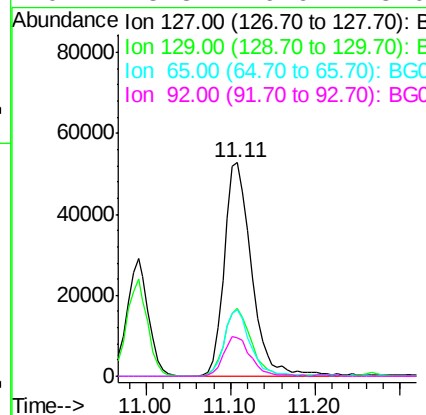
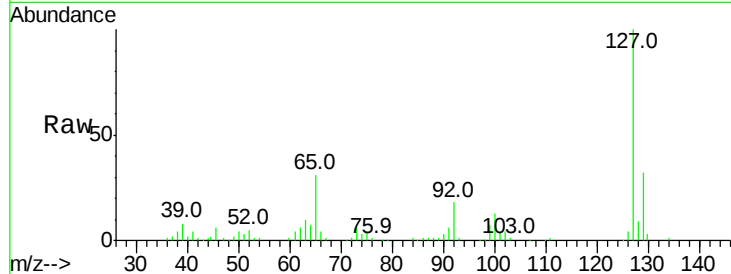
#33
4-Chloroaniline
Concen: 24.611 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	31.3	27.0	40.4
92	18.3	16.6	25.0

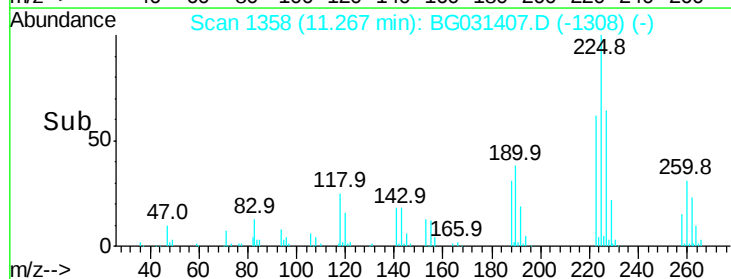
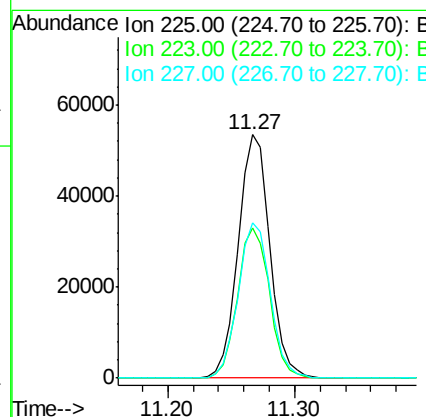
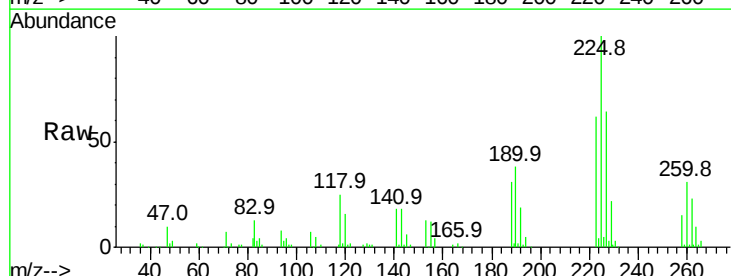
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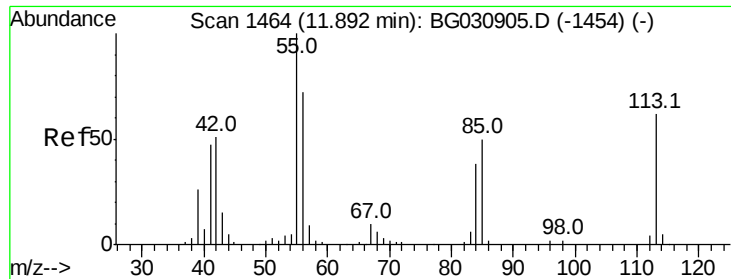
Sohil
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#34
Hexachlorobutadiene
Concen: 31.033 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	64.0	48.1	72.1





#35

Caprolactam

Concen: 40.311 ng/mL

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMS

Tot Ion:113 Resp: 58782

Ion Ratio Lower Upper

113 100

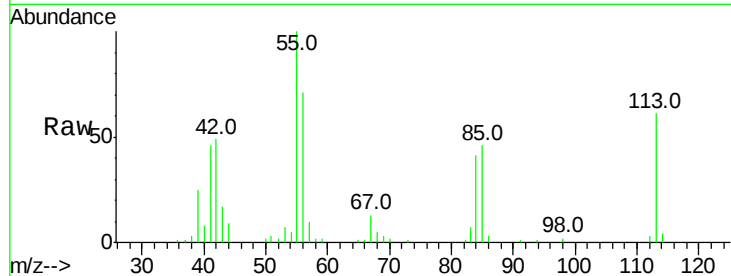
55 163.2 186.9 226.9#

56 115.1 130.9 170.9#

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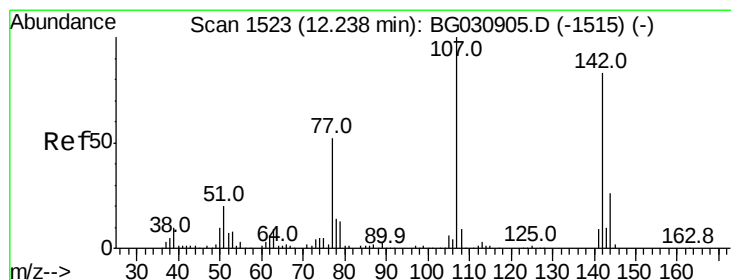
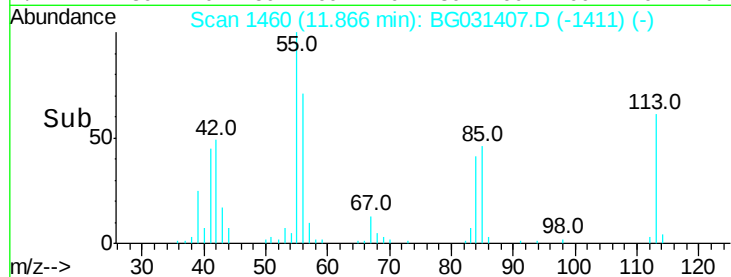
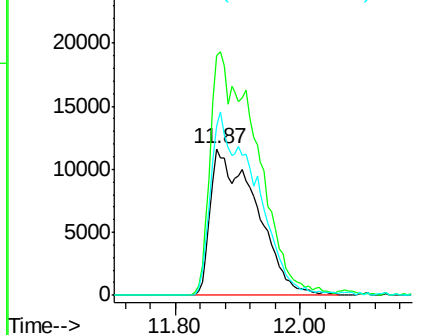
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.668 ng/mL

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

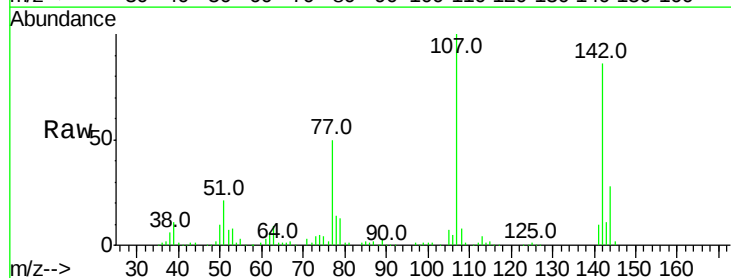
Tgt Ion:107 Resp: 158003

Ion Ratio Lower Upper

107 100

144 27.7 18.2 27.4#

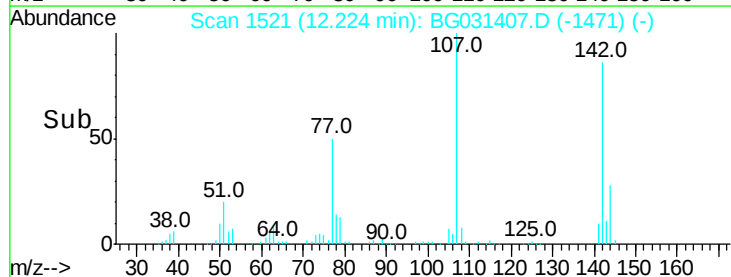
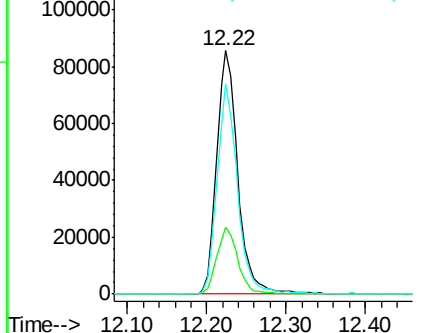
142 86.4 59.0 88.4

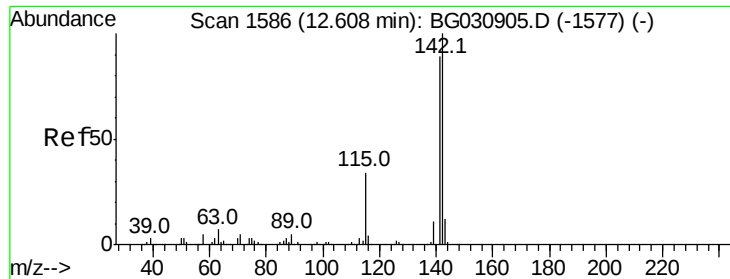


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





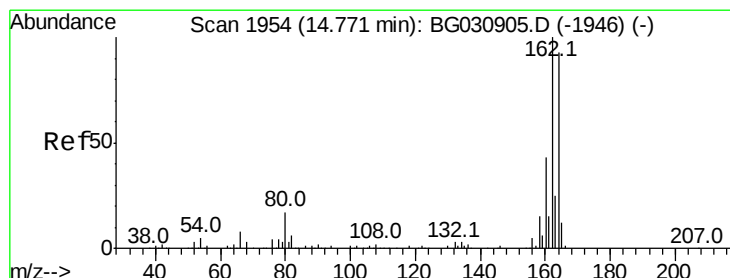
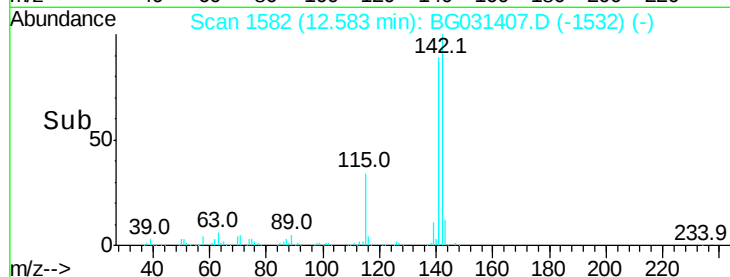
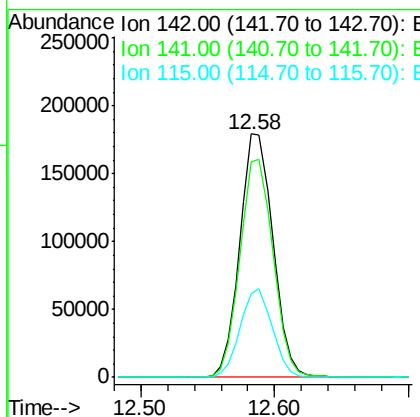
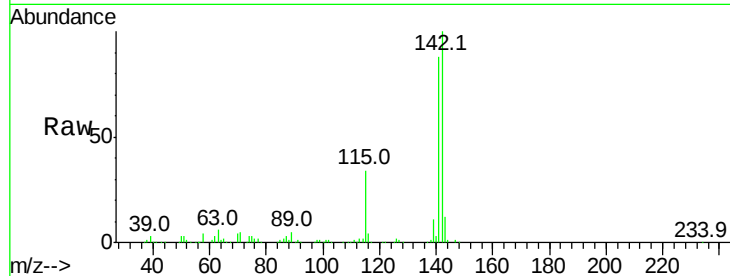
#37
2-Methylnaphthalene
Concen: 36.463 ng
RT: 12.58 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.1	100.7
115	34.3	30.7	46.1

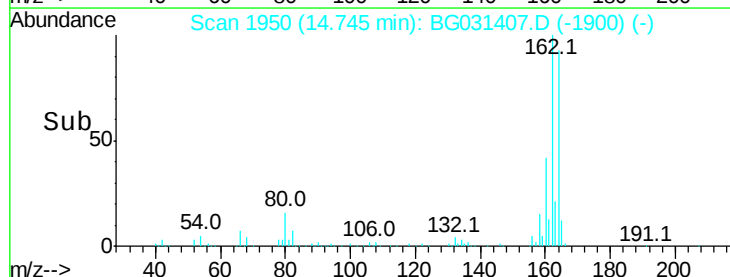
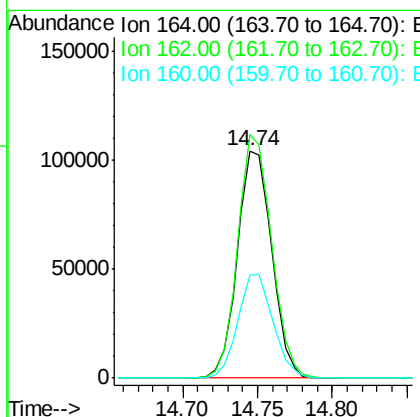
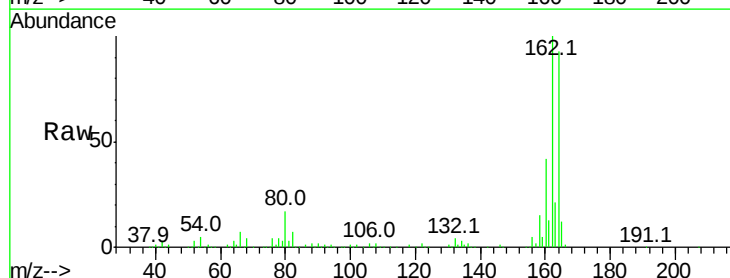
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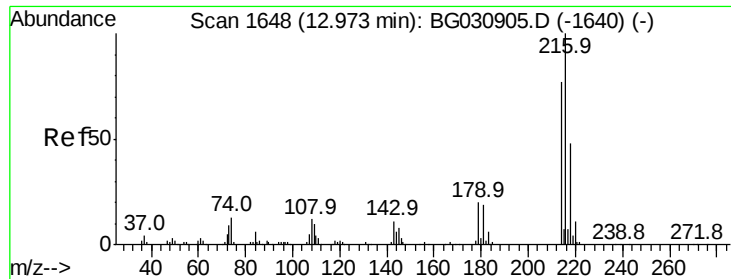
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	78.8	118.2
160	45.2	35.4	53.0





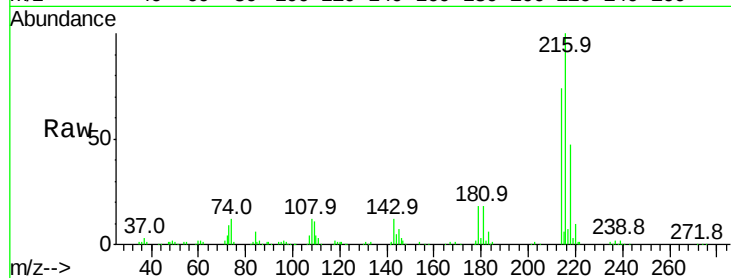
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.496 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

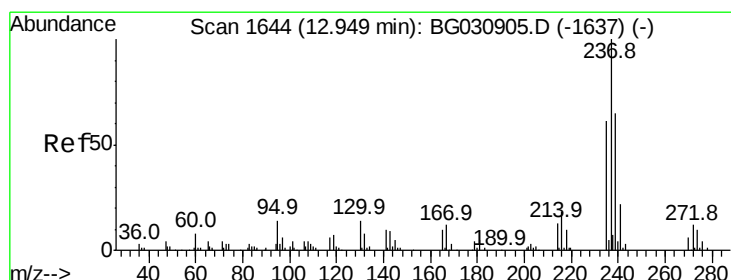
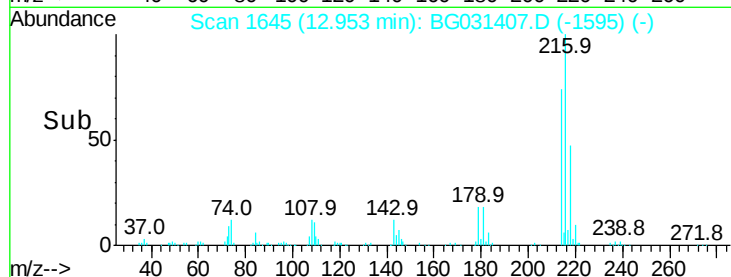
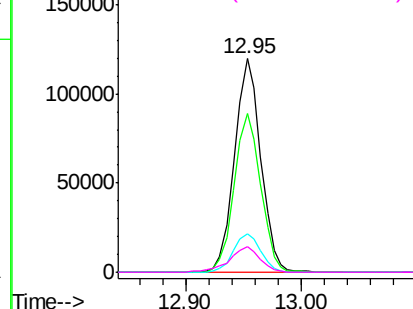
Tot Ion:	216	Resp:	188083
Ion Ratio		Lower	Upper
216	100		
214	75.4	63.0	94.4
179	18.7	17.0	25.6
108	14.1	12.8	19.2

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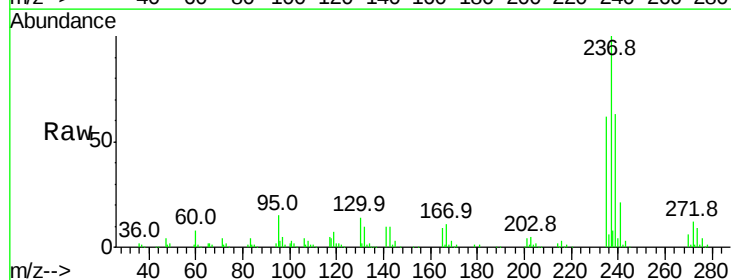


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

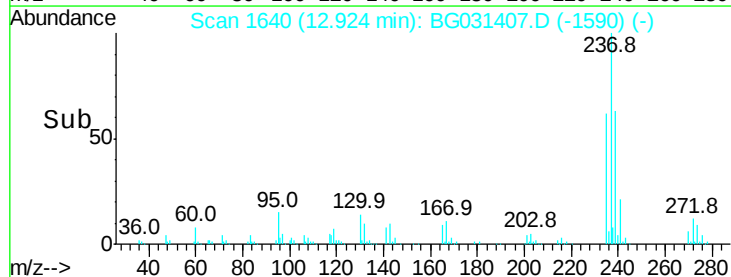
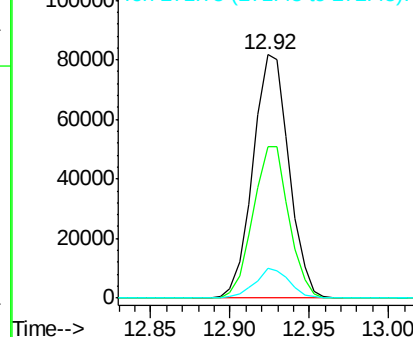


#40
 Hexachlorocyclopentadiene
 Concen: 56.364 ng
 RT: 12.92 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion:	237	Resp:	128724
Ion Ratio		Lower	Upper
237	100		
235	62.2	50.4	90.4
272	12.3	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





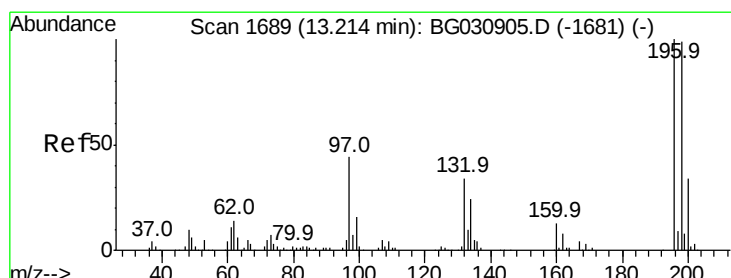
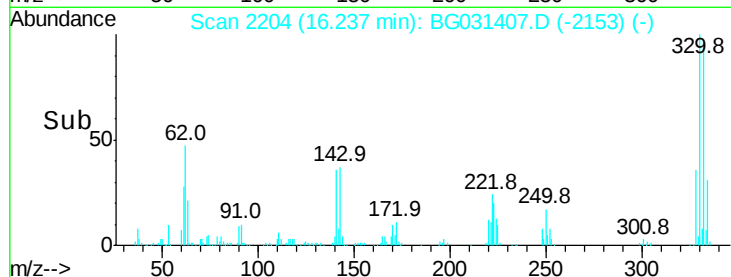
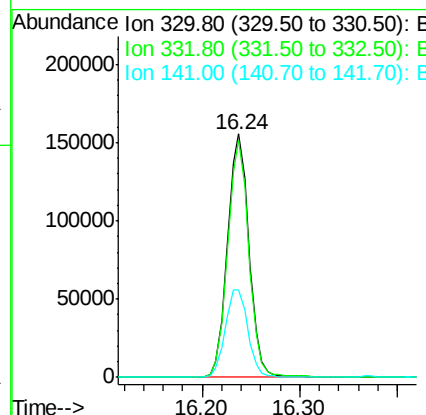
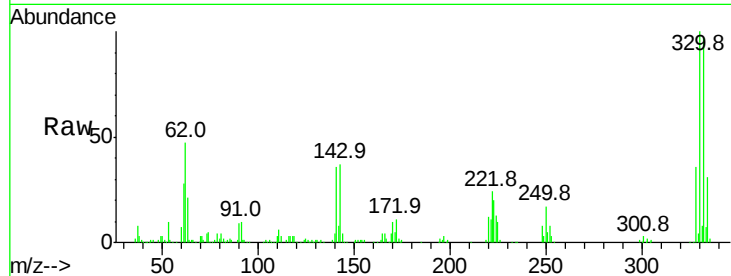
#41
 2,4,6-Tribromophenol
 Concen: 88.373 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	237741		
332	95.7	77.0	115.6	
141	37.9	25.2	37.8#	

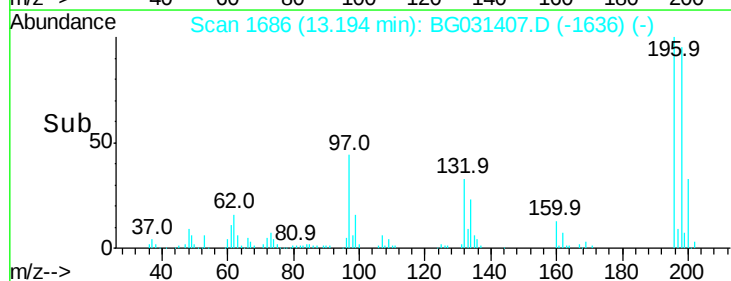
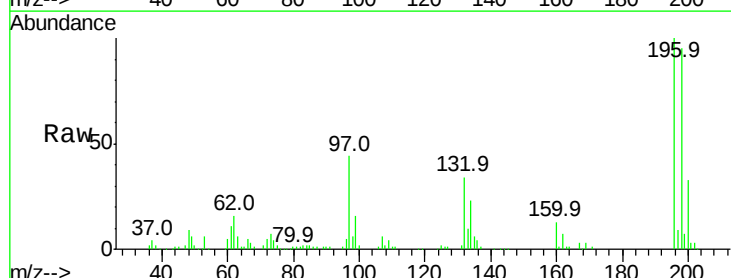
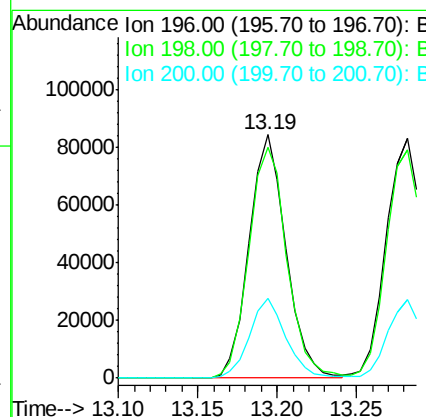
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#42
 2,4,6-Trichlorophenol
 Concen: 36.294 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136945		
198	94.7	78.2	117.2	
200	32.5	24.6	36.8	





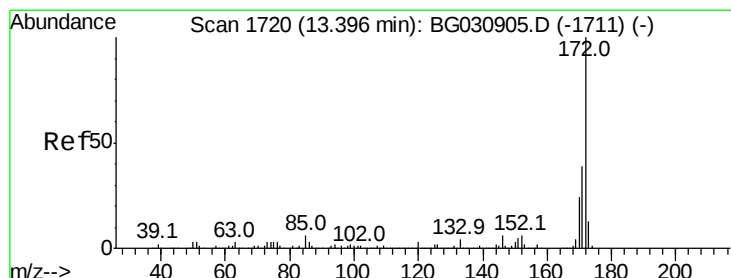
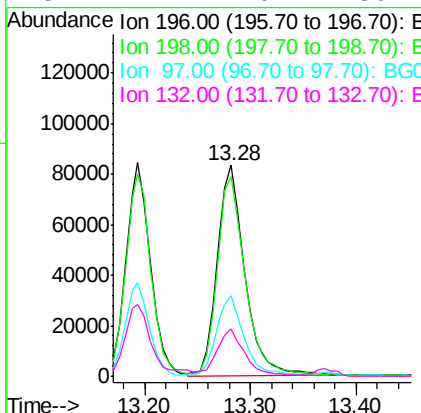
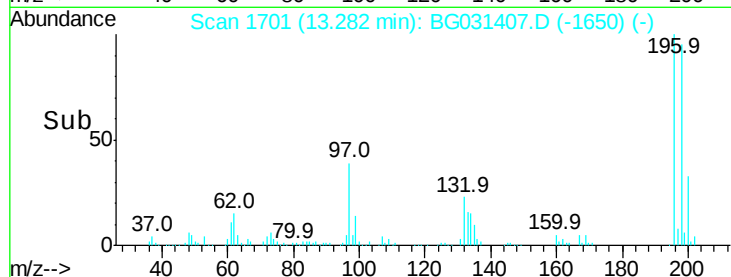
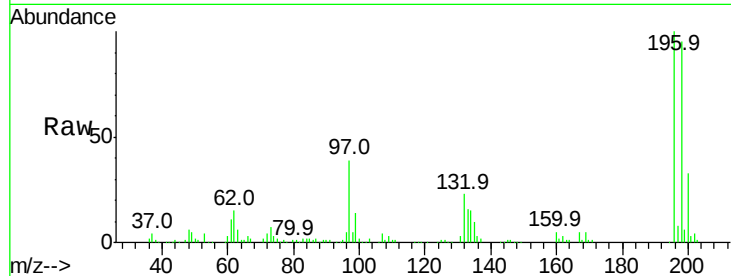
#43
 2,4,5-Trichlorophenol
 Concen: 36.486 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150627		
198	94.9	76.2	114.4	
97	38.6	38.7	58.1#	
132	22.7	20.2	30.2	

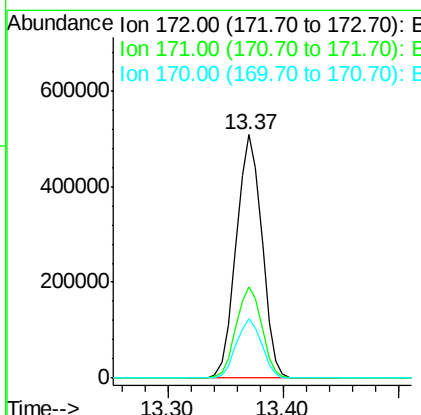
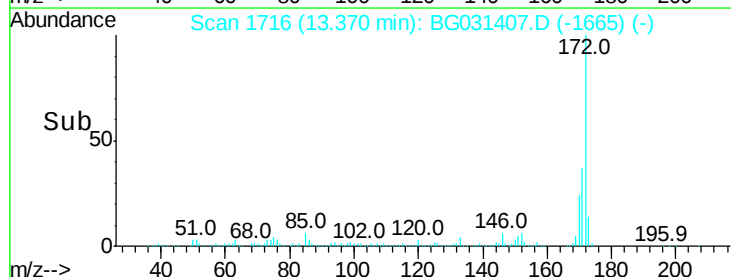
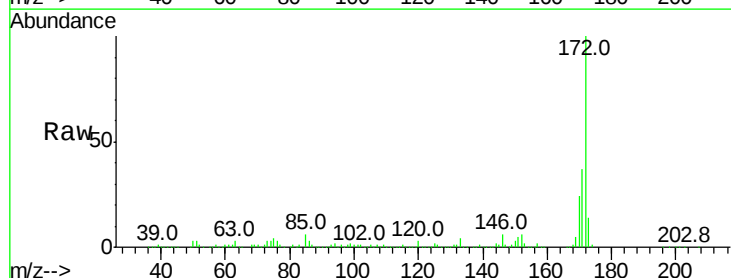
Manual Integrations
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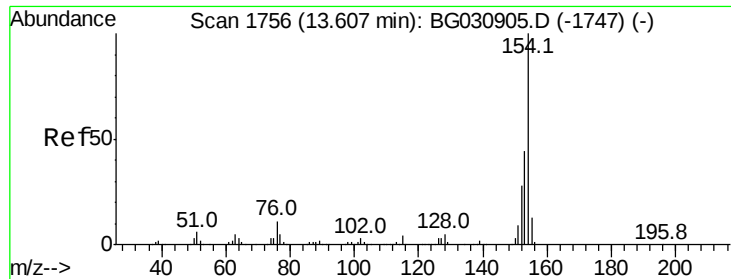
Sohil
 12/8/2017 11:13:40 AM



#44
 2-Fluorobiphenyl
 Concen: 67.610 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	782487		
171	37.4	30.0	45.0	
170	24.2	19.5	29.3	





#45

1,1'-Biphenyl

Concen: 30.409 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

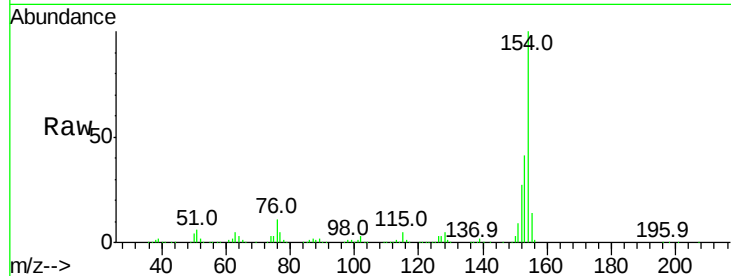
ClientSampleId :

SOIL-SB006BMS

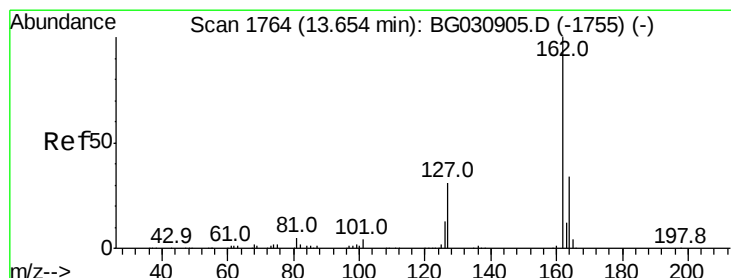
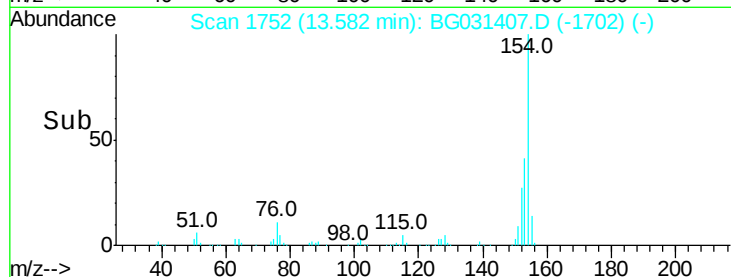
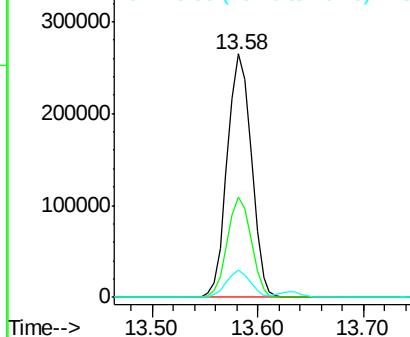
Tot Ion:	154	Resp:	419340
Ion Ratio	Lower	Upper	
154	100		
153	41.3	19.8	59.8
76	11.4	0.0	31.9

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



#46

2-Chloronaphthalene

Concen: 34.564 ng

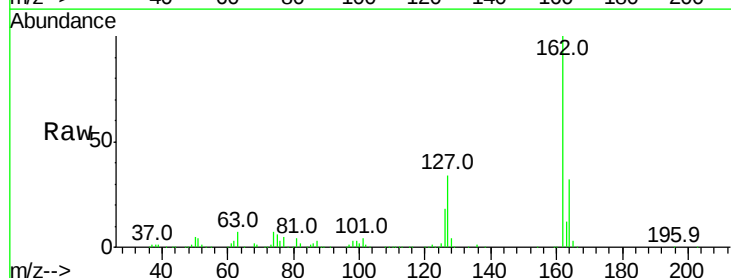
RT: 13.63 min Scan# 1761

Delta R.T. 0.00 min

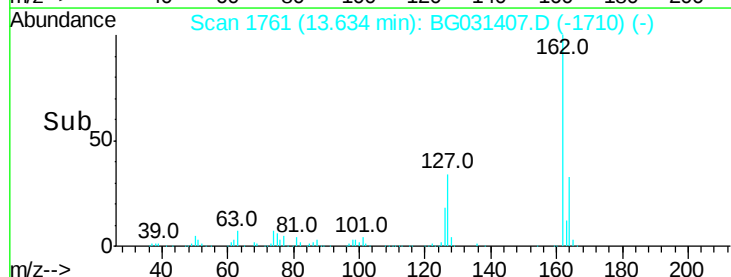
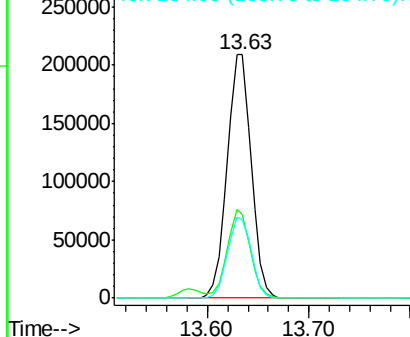
Lab File: BG031407.D

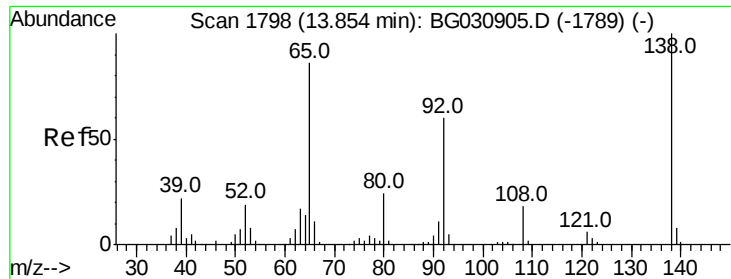
Acq: 7 Dec 2017 20:26

Tgt Ion:	162	Resp:	343905
Ion Ratio	Lower	Upper	
162	100		
127	34.4	30.7	46.1
164	32.5	26.0	39.0



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





#47

2-Nitroaniline

Concen: 36.929 ng

RT: 13.83 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMS

Tot Ion: 65 Resp: 108904

Ion Ratio Lower Upper

65 100

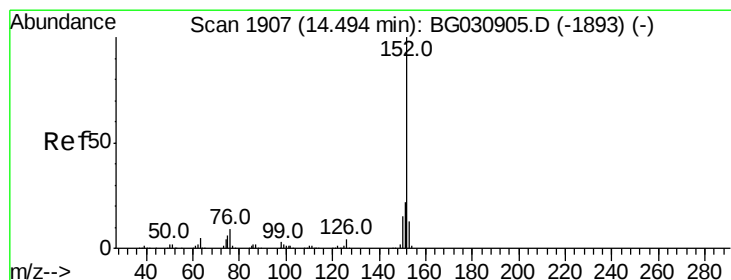
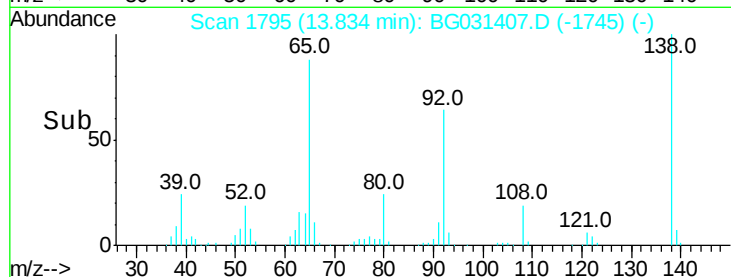
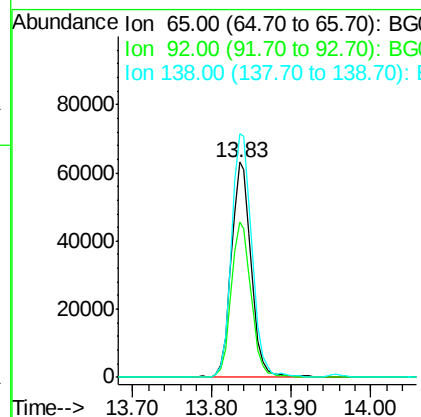
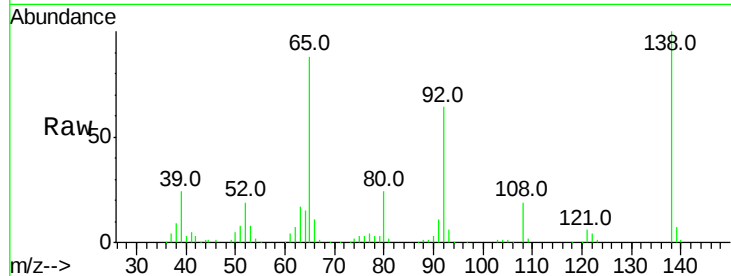
92 72.4 54.6 82.0

138 113.2 72.9 109.3#

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#48

Acenaphthylene

Concen: 33.347 ng

RT: 14.47 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

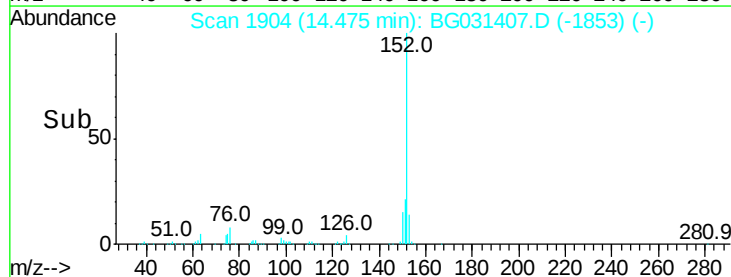
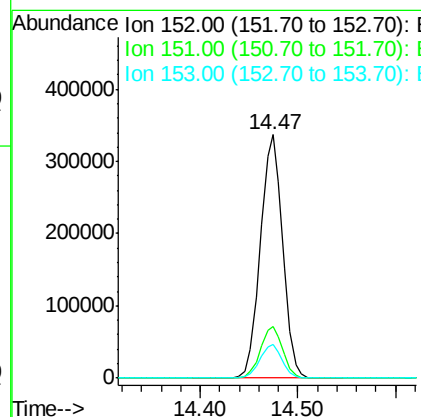
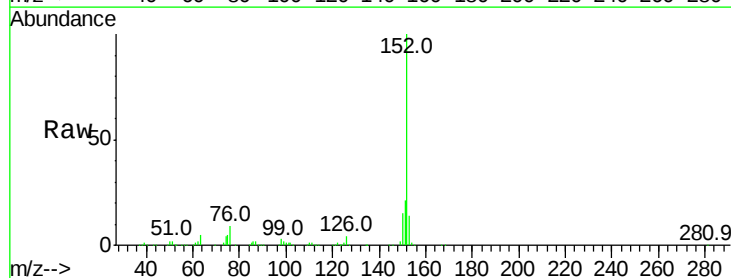
Tgt Ion: 152 Resp: 543045

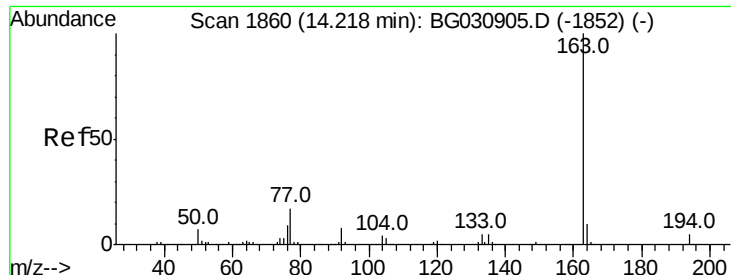
Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 37.999 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

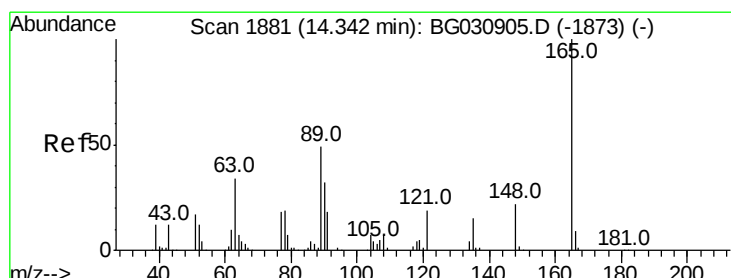
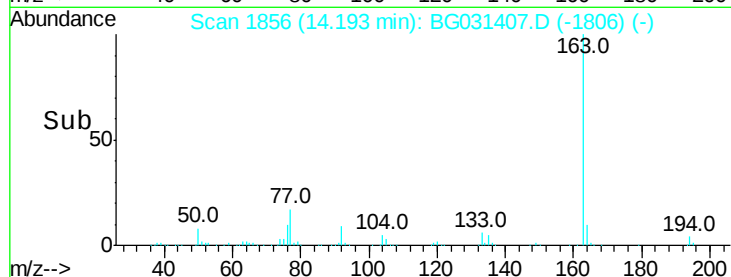
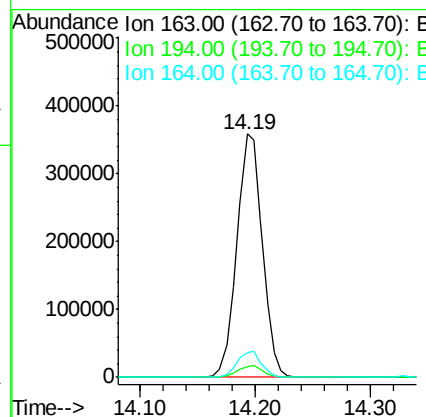
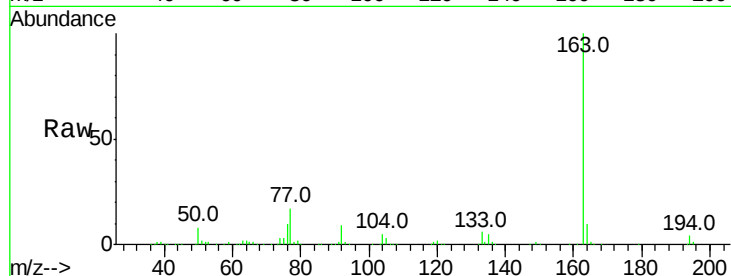
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	163	Resp:	546382
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.3	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 38.927 ng

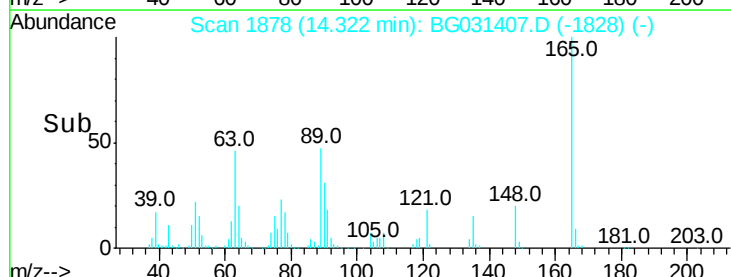
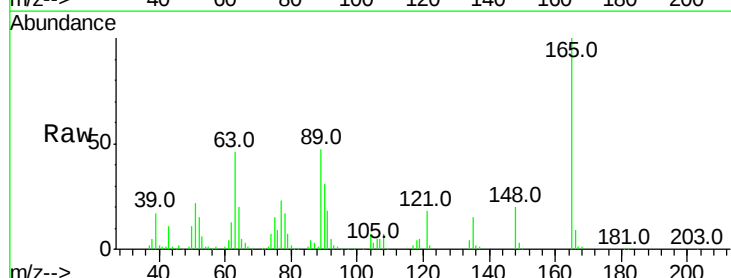
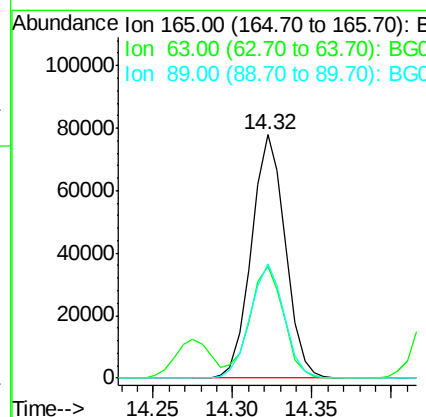
RT: 14.32 min Scan# 1878

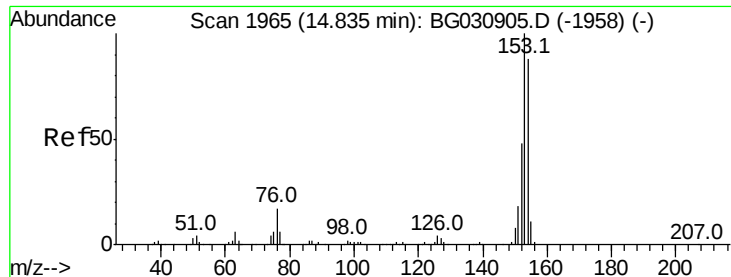
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	165	Resp:	115368
Ion Ratio	Lower	Upper	
165	100		
63	46.2	52.7	79.1#
89	46.8	49.2	73.8#





#51

Acenaphthene

Concen: 32.614 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMS

Tot Ion:154 Resp: 331696

Ion Ratio Lower Upper

154 100

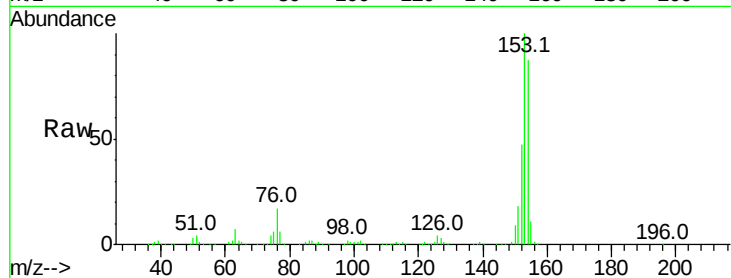
153 114.8 90.4 135.6

152 53.6 41.6 62.4

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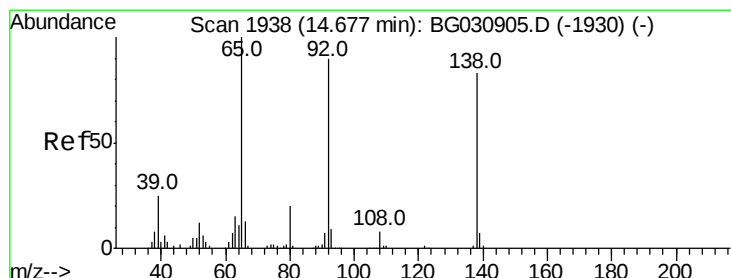
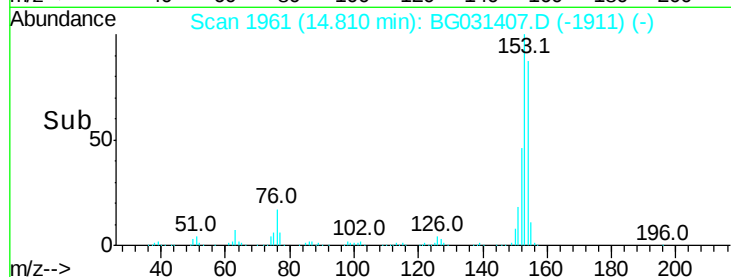
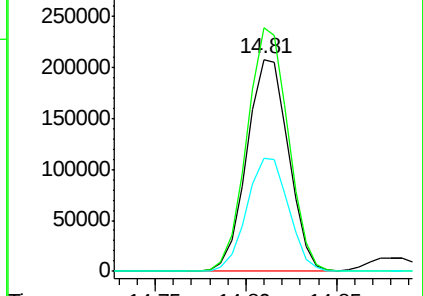
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.714 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

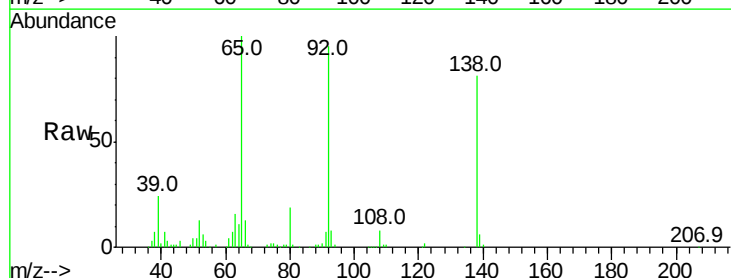
Tgt Ion:138 Resp: 84066

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

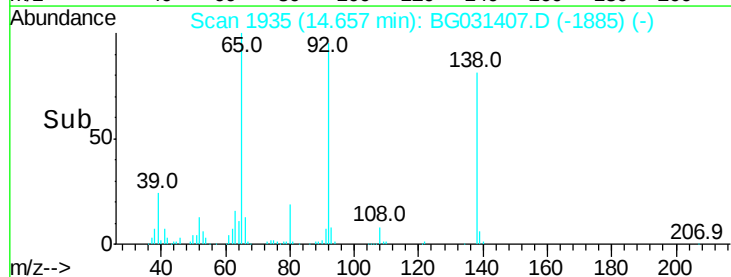
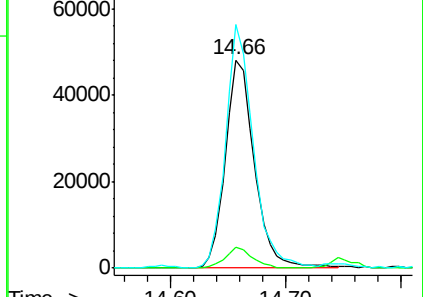
92 117.1 105.8 158.8

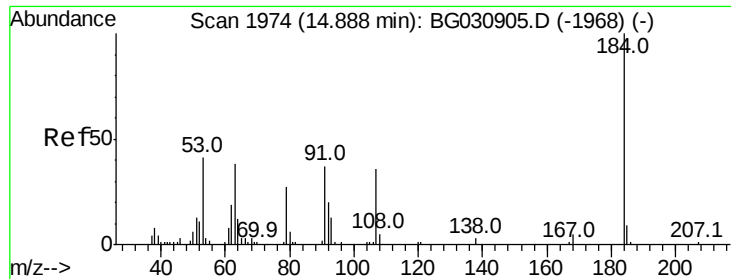


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





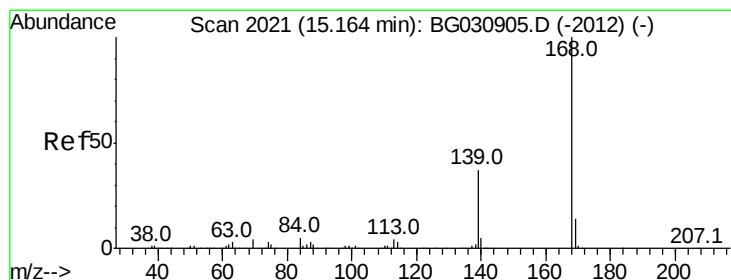
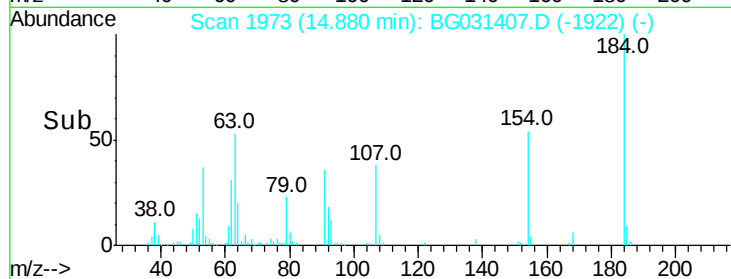
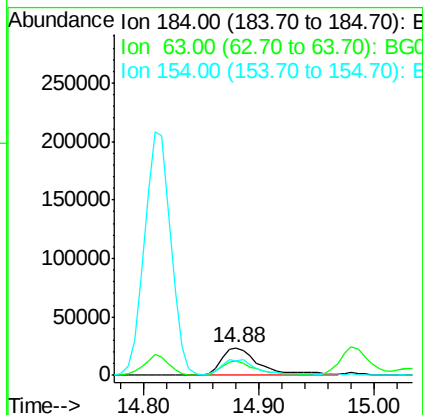
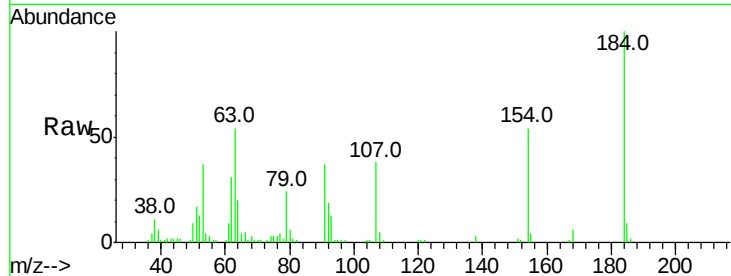
#53
2,4-Dinitrophenol
Concen: 37.056 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.6	59.8	89.8#
154	54.4	101.8	152.8#

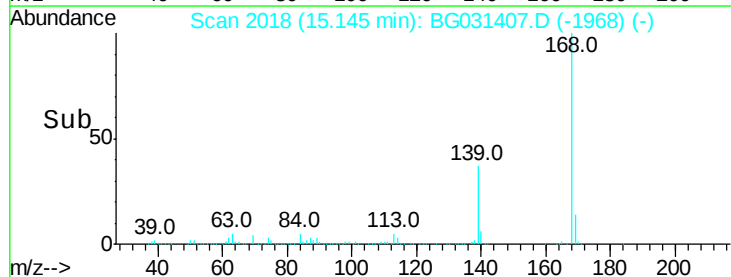
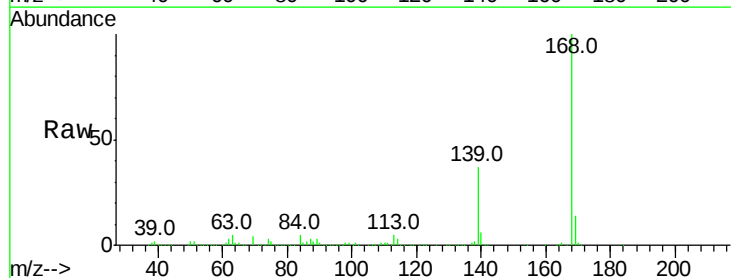
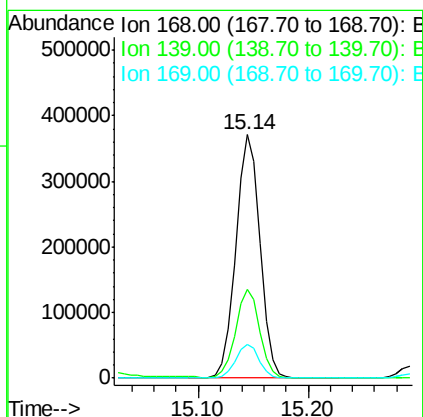
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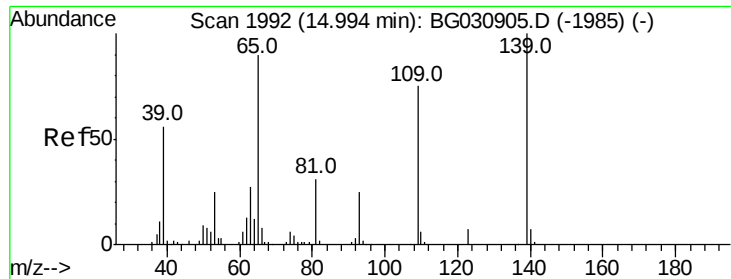
Sohil
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#54
Dibenzofuran
Concen: 35.086 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.6	43.0
169	13.9	11.2	16.8





#55

4-Nitrophenol

Concen: 72.894 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMS

Tot Ion:139 Resp: 163405

Ion Ratio Lower Upper

139 100

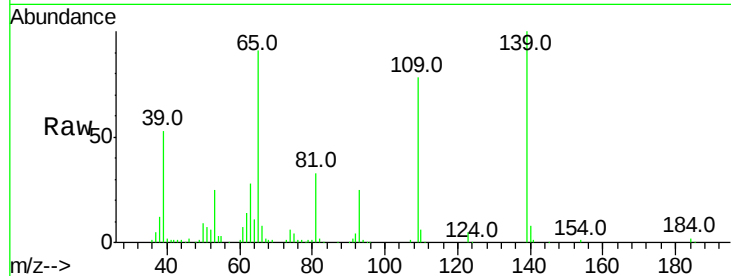
109 77.7 62.2 102.2

65 90.8 97.2 137.2#

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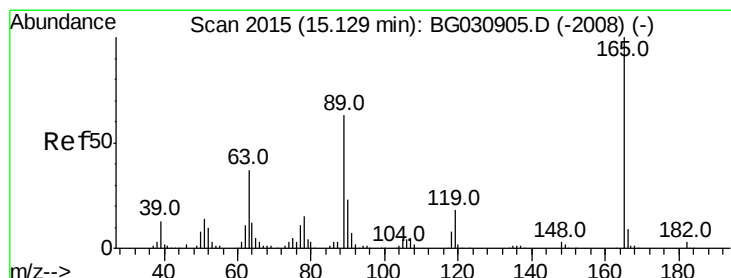
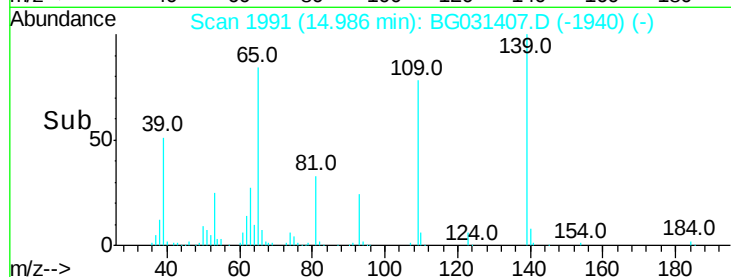
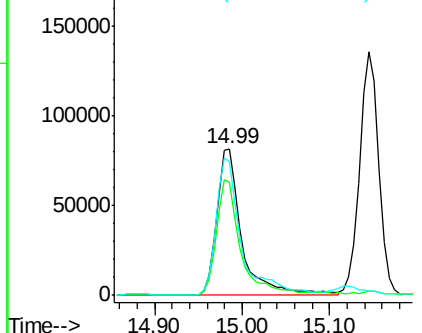
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 38.888 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:165 Resp: 166619

Ion Ratio Lower Upper

165 100

63 35.9 42.0 63.0#

89 56.6 66.9 100.3#

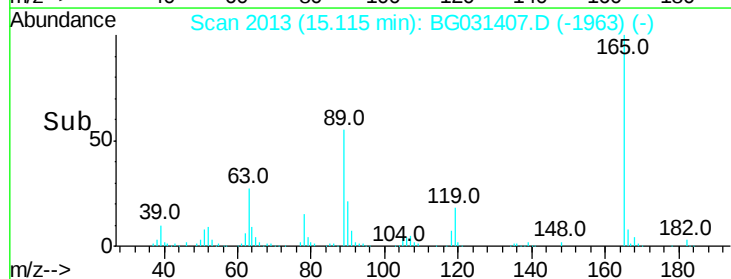
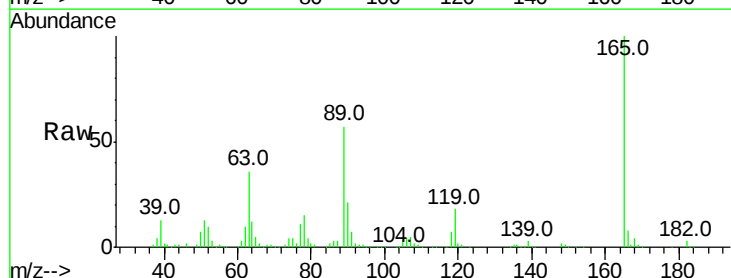
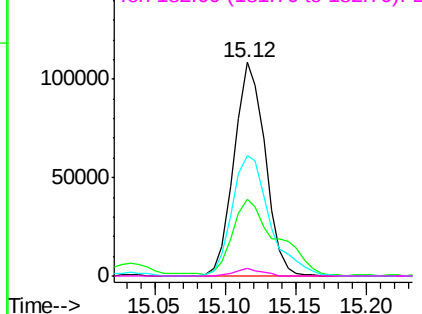
182 3.4 2.6 3.8

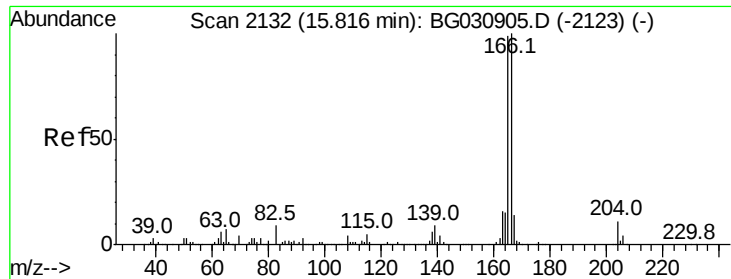
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.008 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

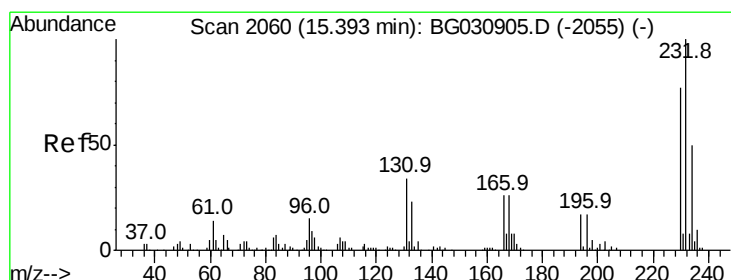
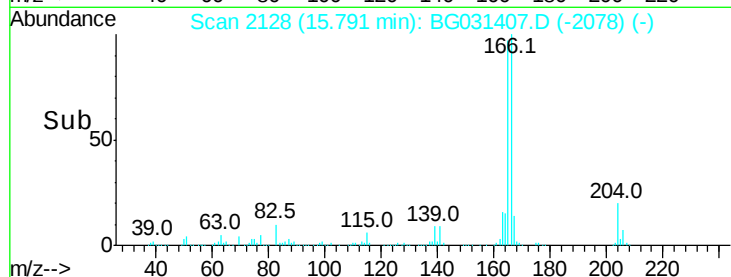
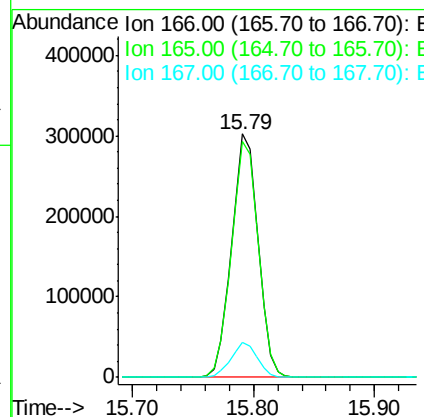
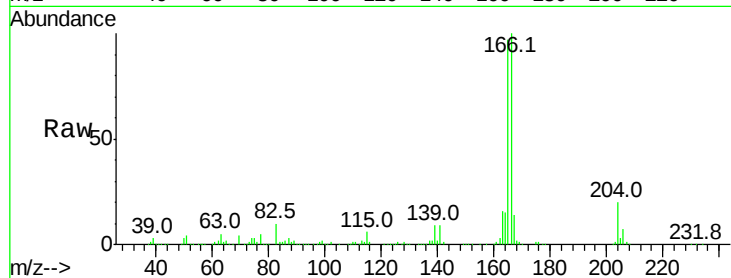
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	166	Resp:	460421
Ion Ratio	Lower	Upper	
166	100		
165	96.9	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.054 ng

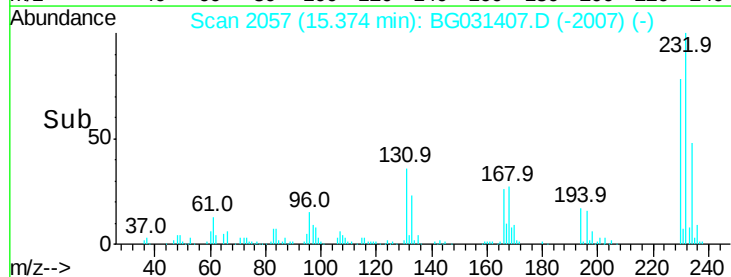
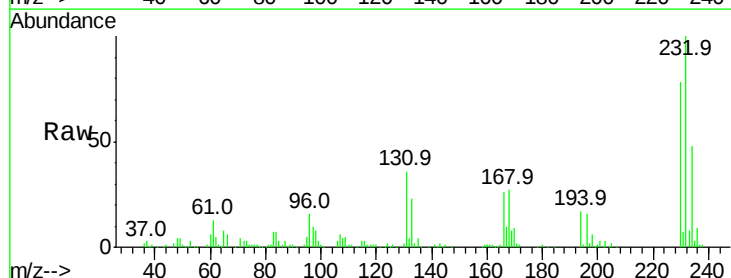
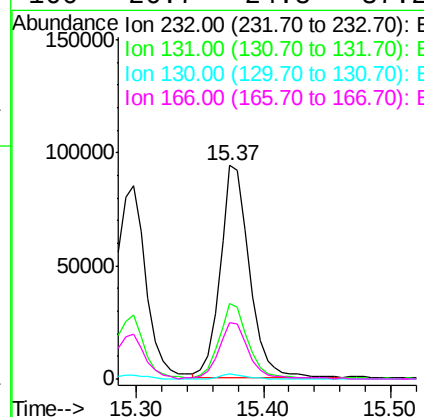
RT: 15.37 min Scan# 2057

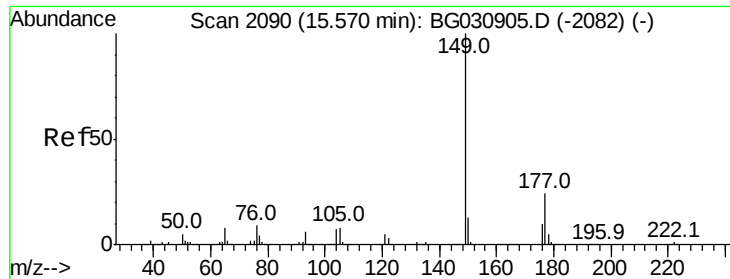
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	232	Resp:	149728
Ion Ratio	Lower	Upper	
232	100		
131	35.5	33.5	50.3
130	2.1	2.2	3.2#
166	26.7	24.8	37.2





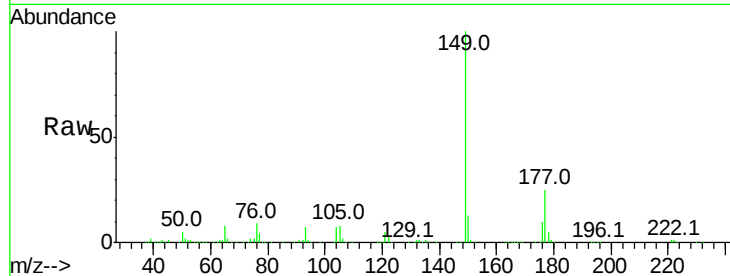
#59
Diethylphthalate
Concen: 35.174 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.3	18.5	27.7	
150	12.9	10.2	15.2	

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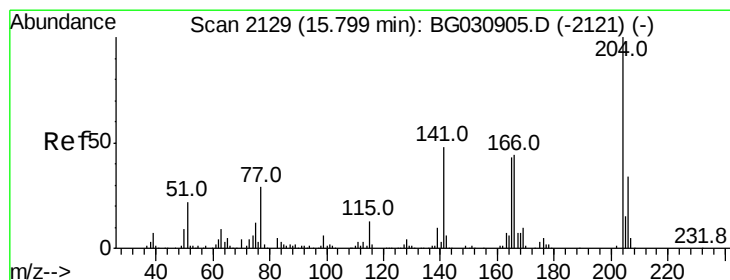
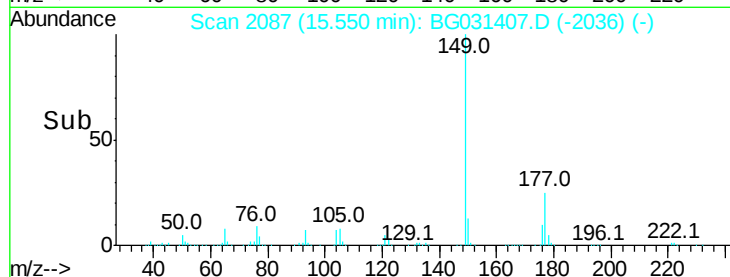
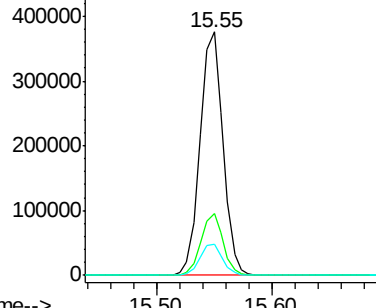


Abundance

Ion 149.00 (148.70 to 149.70): E

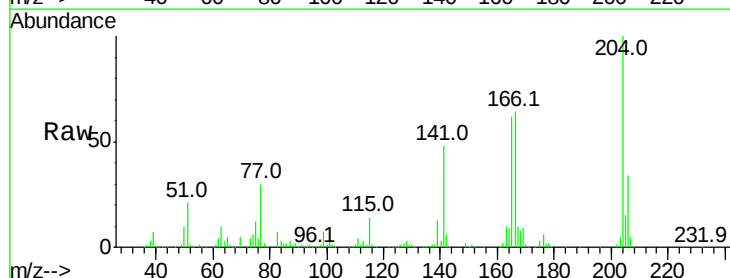
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 34.432 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.8	26.2	39.2	
141	48.5	45.8	68.6	

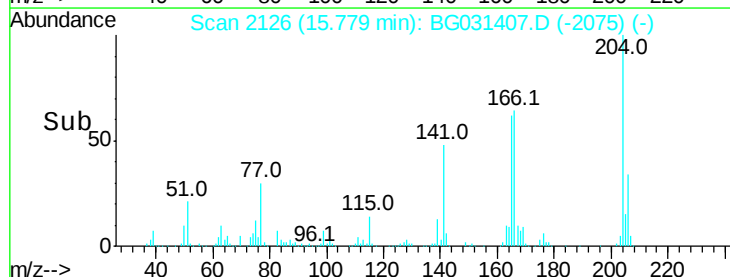
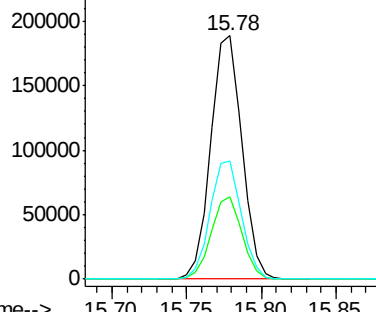


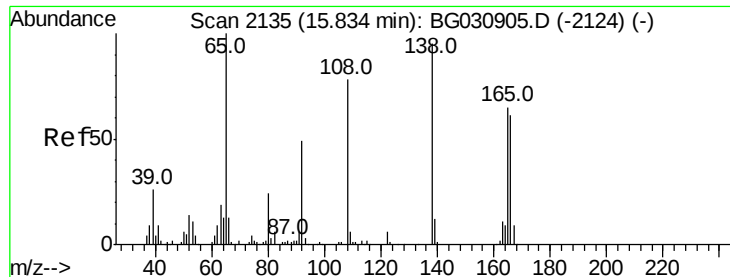
Abundance

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





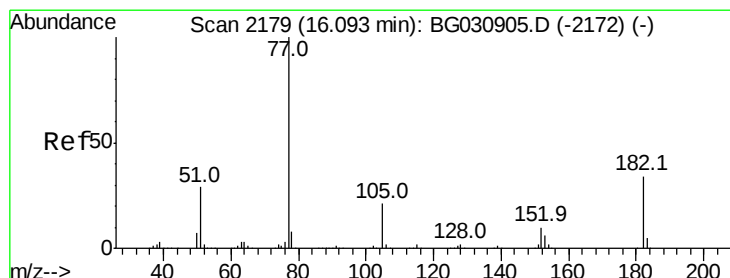
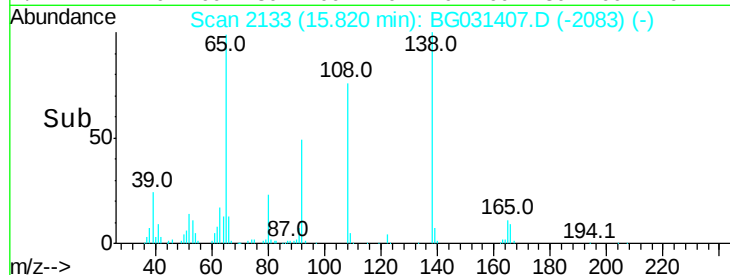
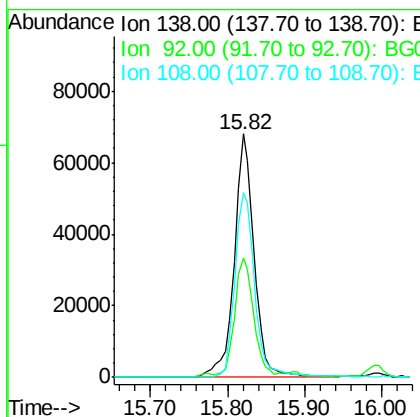
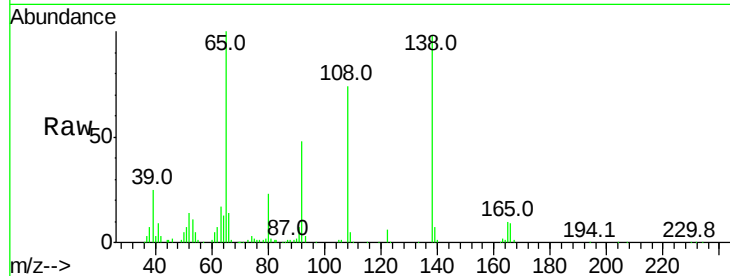
#61
4-Nitroaniline
Concen: 37.079 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	40.1	80.1
108	75.7	65.4	105.4

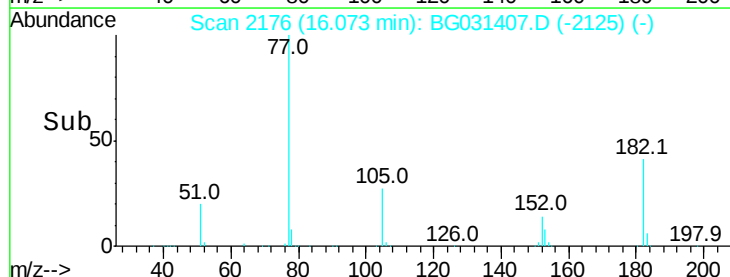
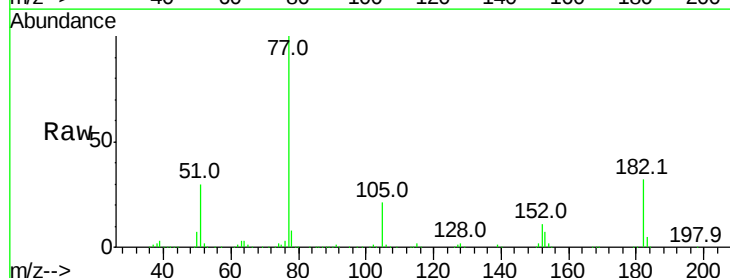
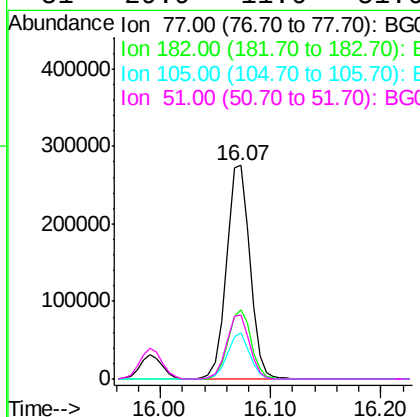
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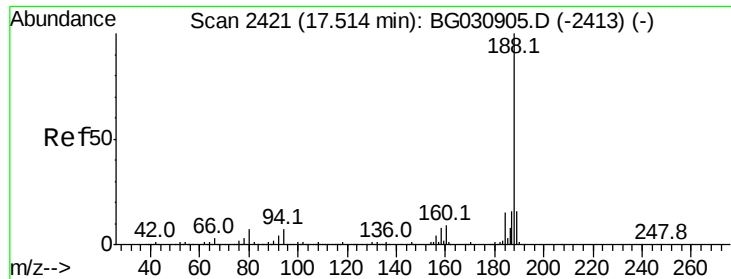
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#62
Azobenzene
Concen: 36.651 ng
RT: 16.07 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.4	7.4	47.4
105	21.3	0.3	40.3
51	29.9	11.6	51.6





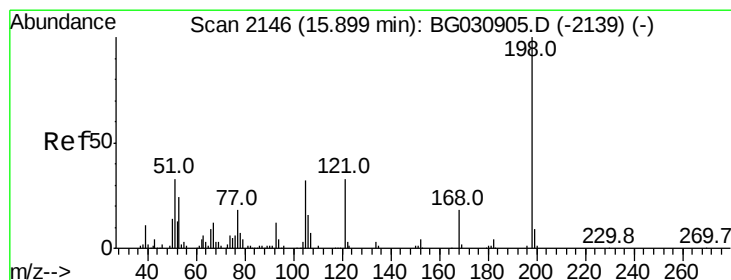
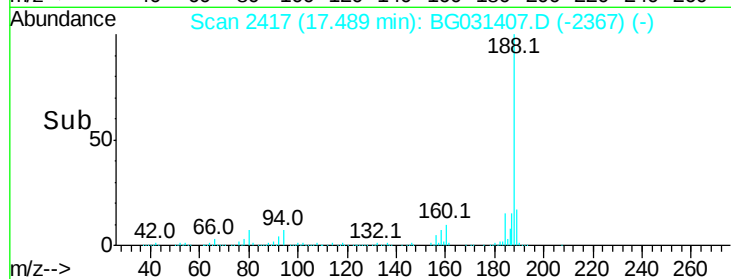
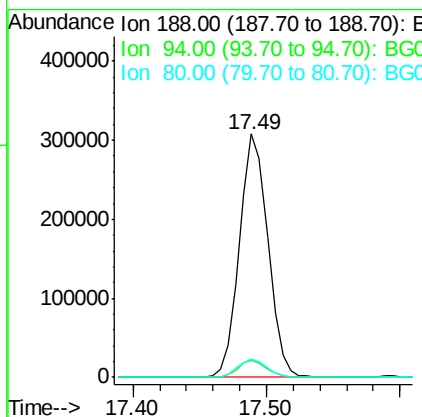
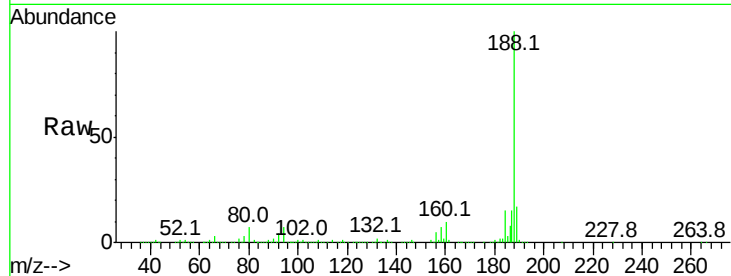
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.4	7.7	11.5#

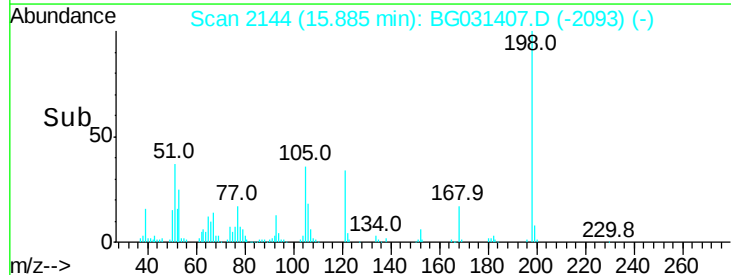
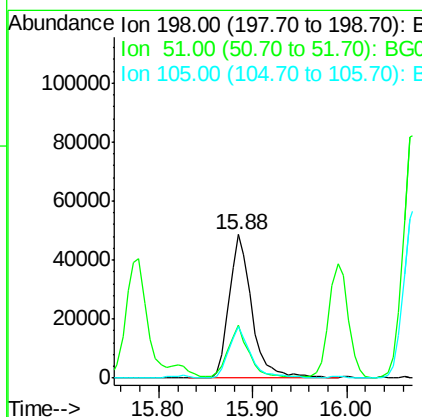
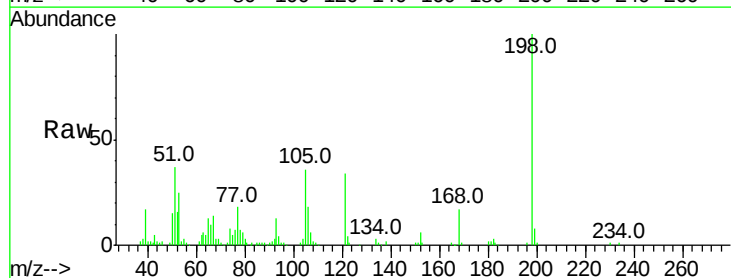
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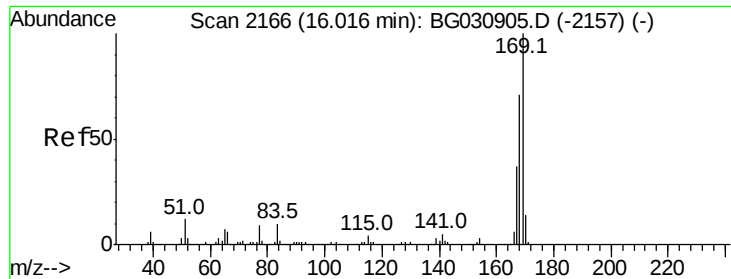
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.160 ng
RT: 15.88 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.0	30.6	70.6
105	36.1	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 32.255 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

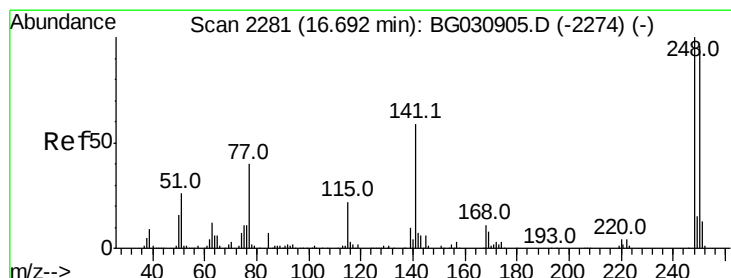
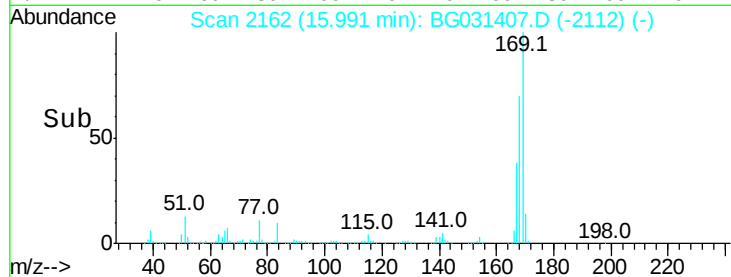
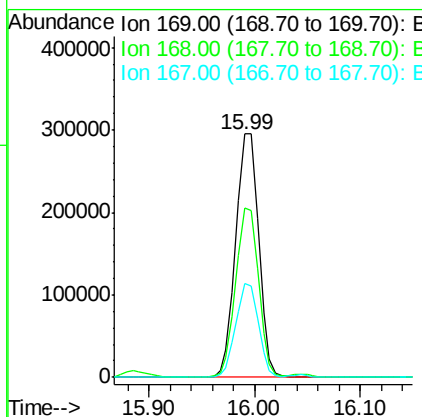
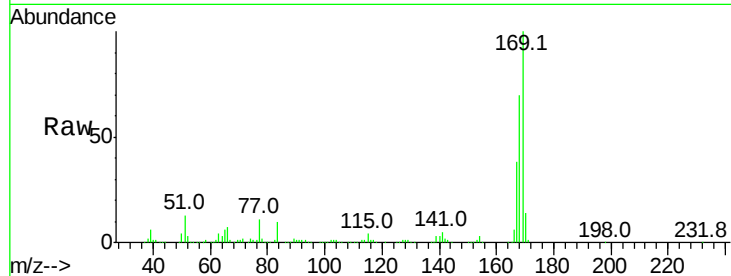
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	169	Resp:	442935
Ion Ratio	Lower	Upper	
169	100		
168	69.7	55.7	83.5
167	38.4	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 31.086 ng

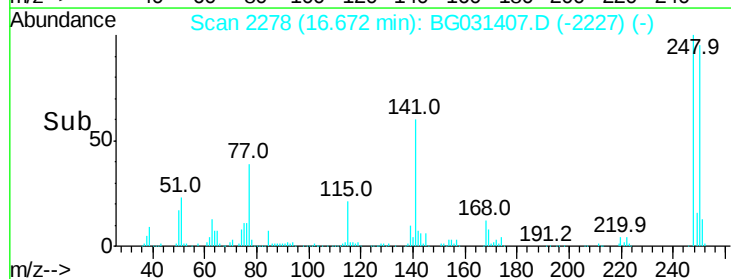
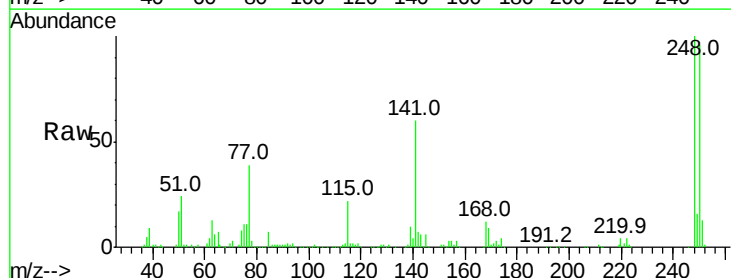
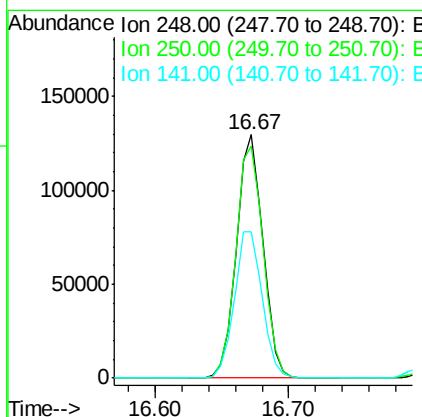
RT: 16.67 min Scan# 2278

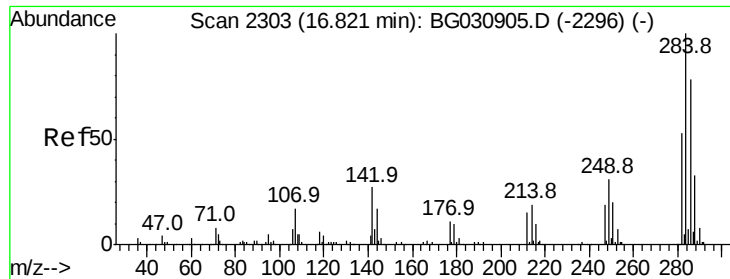
Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	248	Resp:	178423
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.1	115.7
141	60.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 29.250 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

ClientSampleId :

SOIL-SB006BMS

Tot Ion:284 Resp: 178388

Ion Ratio Lower Upper

284 100

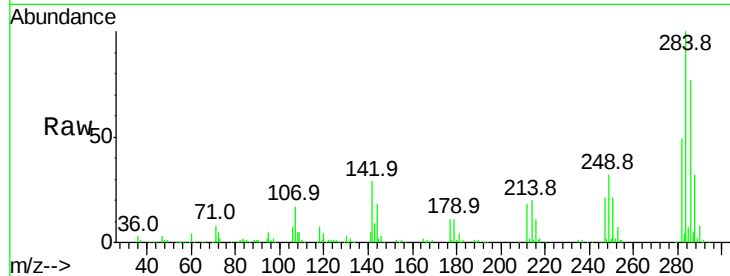
142 29.5 26.8 40.2

249 32.0 26.3 39.5

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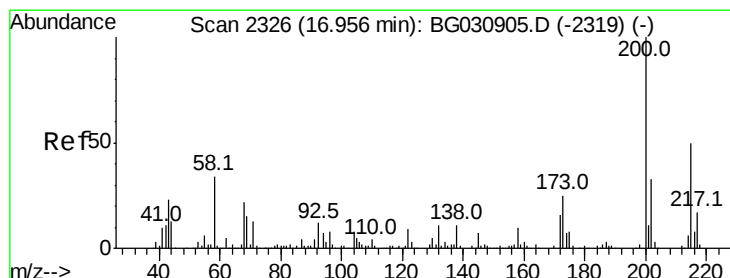
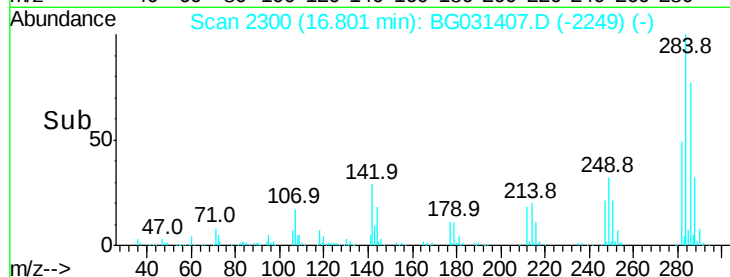
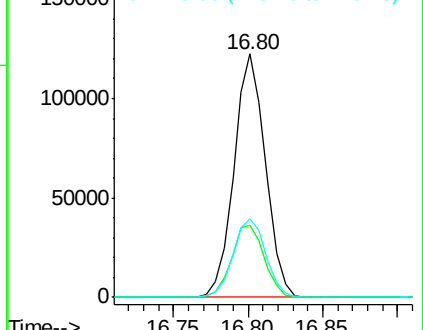
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.387 ng

RT: 16.94 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

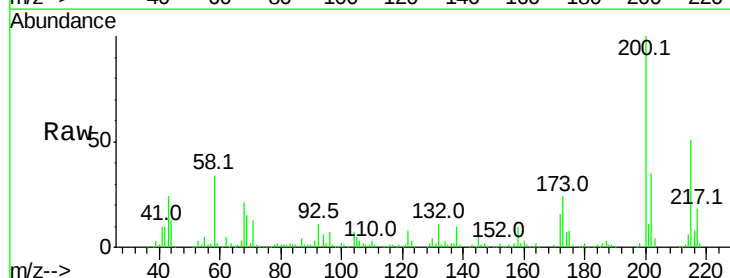
Tgt Ion:200 Resp: 194834

Ion Ratio Lower Upper

200 100

173 23.5 5.2 45.2

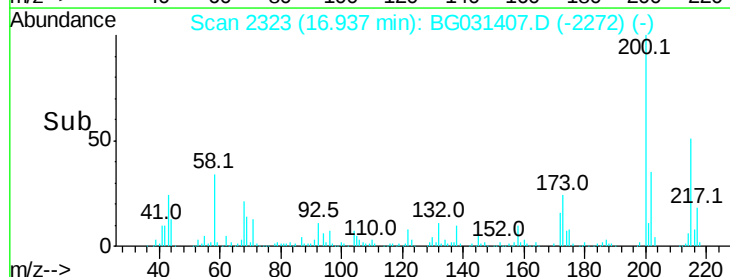
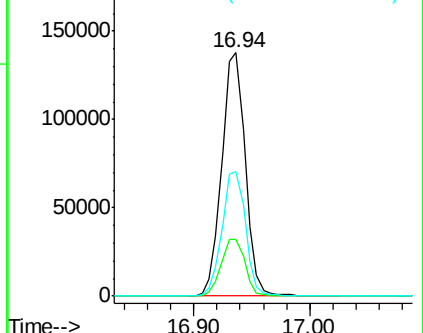
215 51.4 30.4 70.4

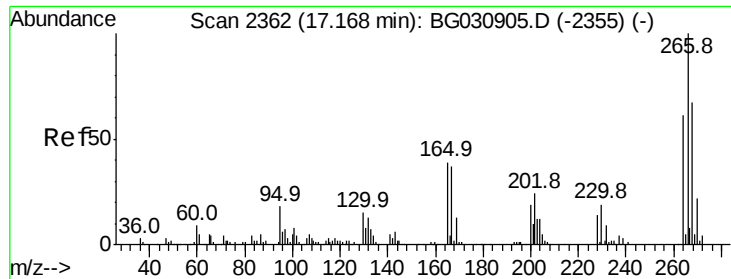


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





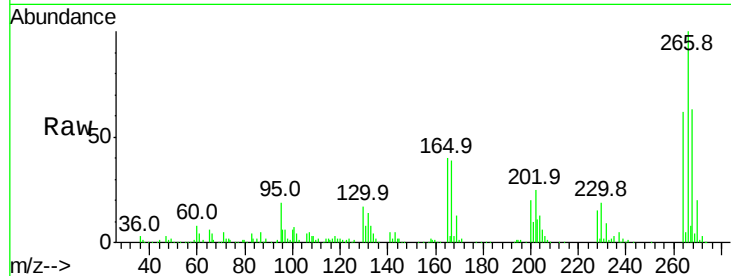
#69
 Pentachlorophenol
 Concen: 51.533 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

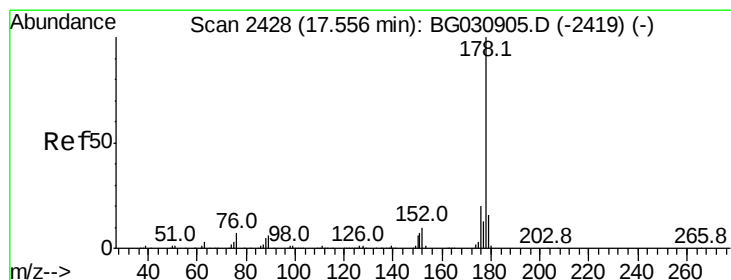
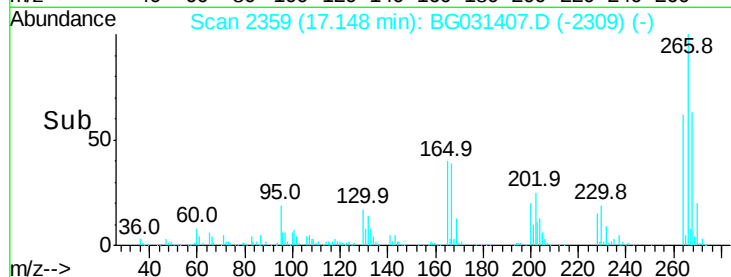
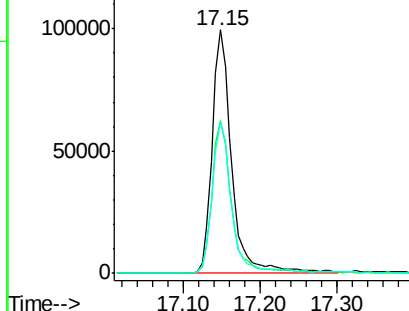
Tot Ion	Ratio	Resp	Lower	Upper
266	100	173728		
268	62.7	51.1	76.7	
264	62.4	49.6	74.4	

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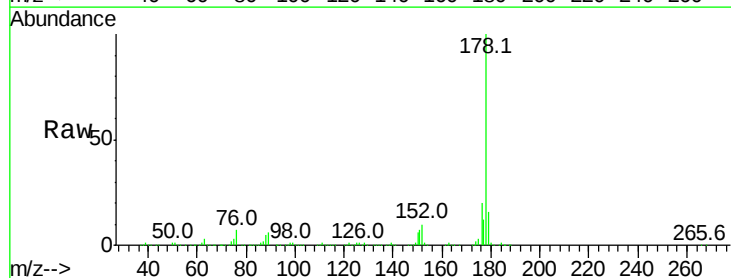


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

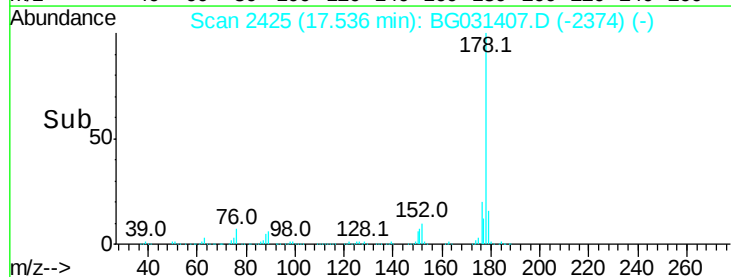
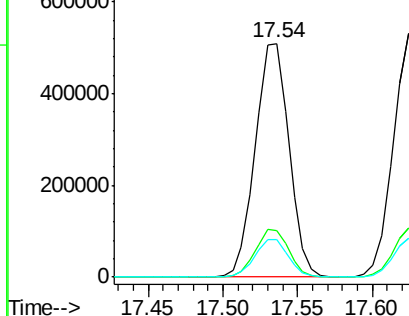


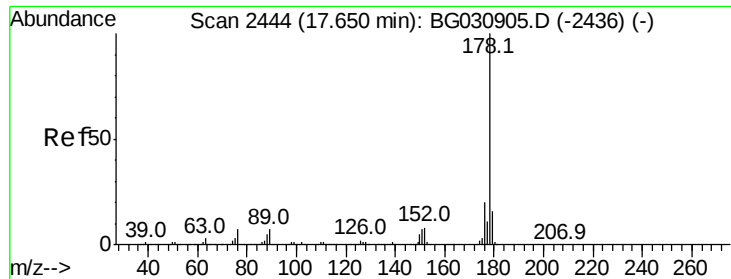
#70
 Phenanthrene
 Concen: 33.769 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	796796		
176	19.9	15.7	23.5	
179	16.0	12.5	18.7	



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





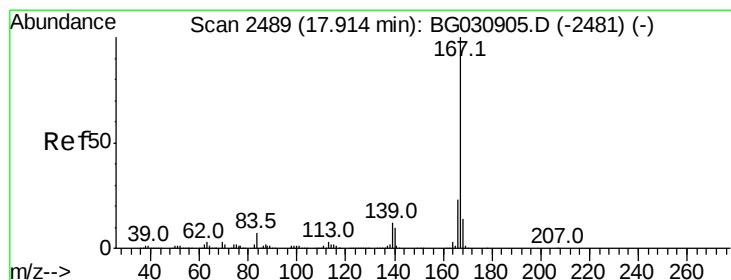
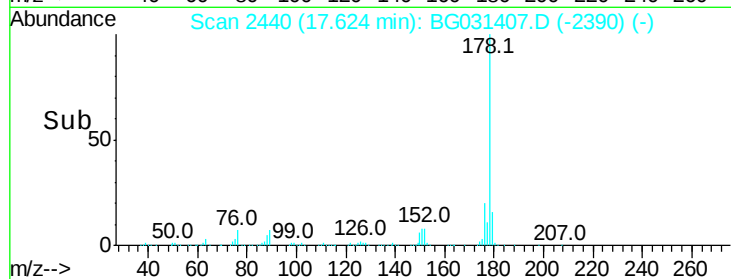
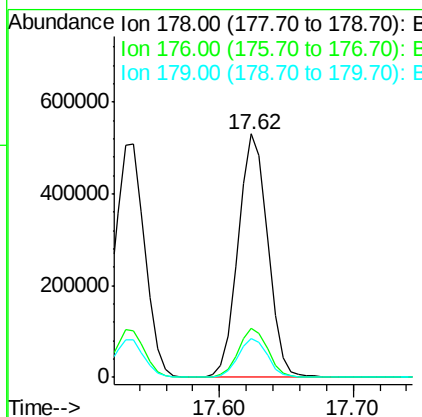
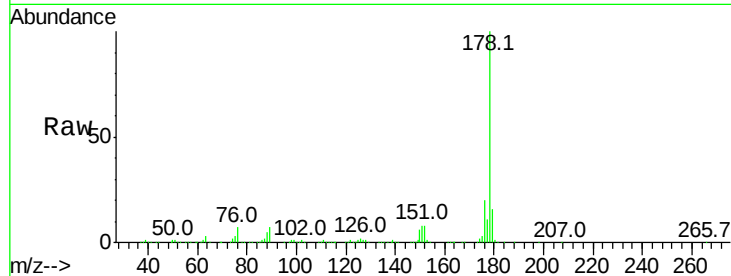
#71
 Anthracene
 Concen: 34.254 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.1	12.5	18.7

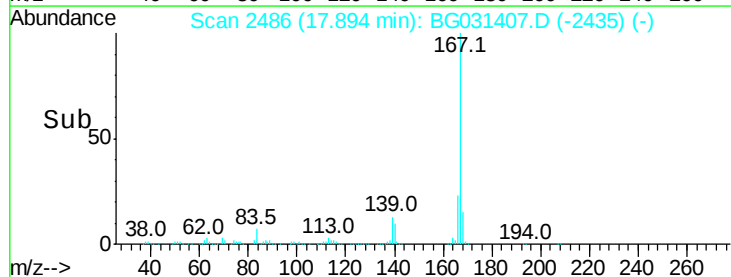
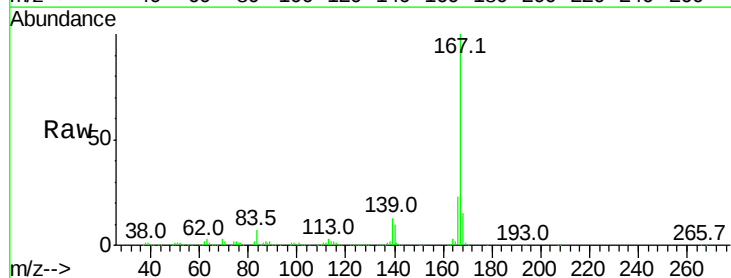
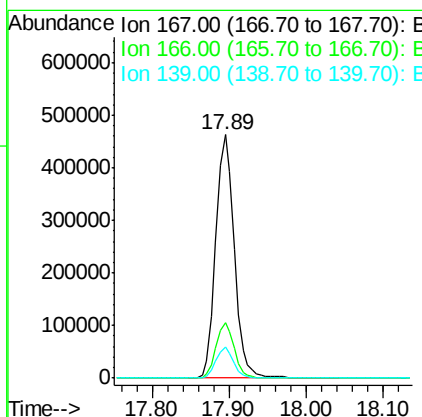
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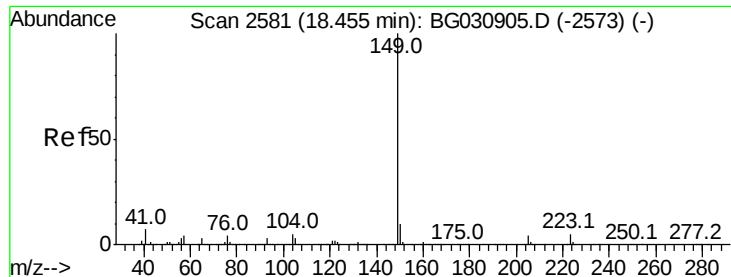
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#72
 Carbazole
 Concen: 34.651 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.0	9.4	14.2





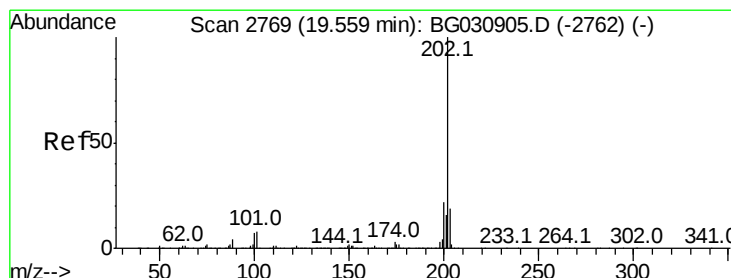
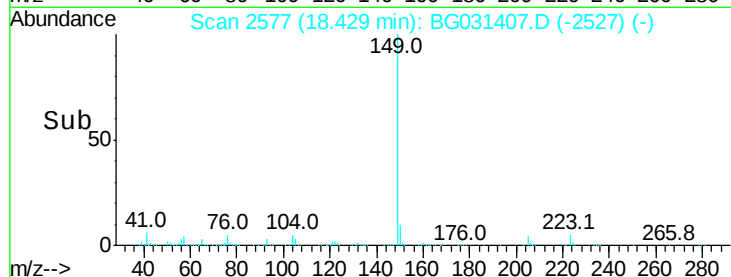
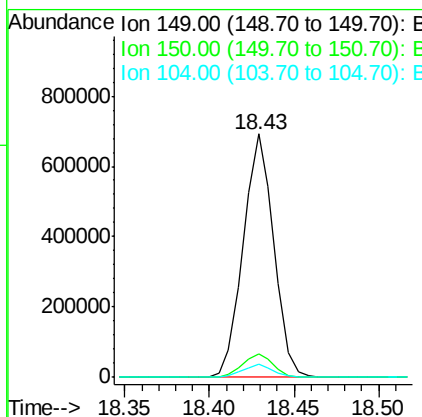
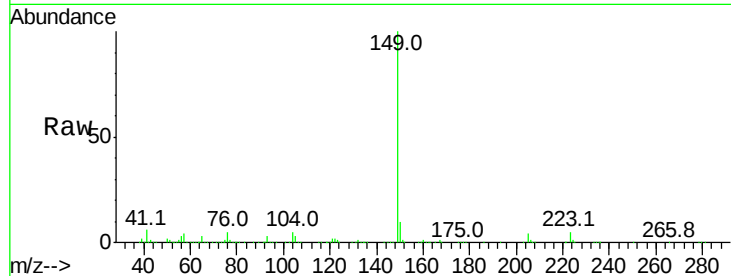
#73
Di-n-butylphthalate
Concen: 32.042 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion:	149	Resp:	871549
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.3	3.9	5.9

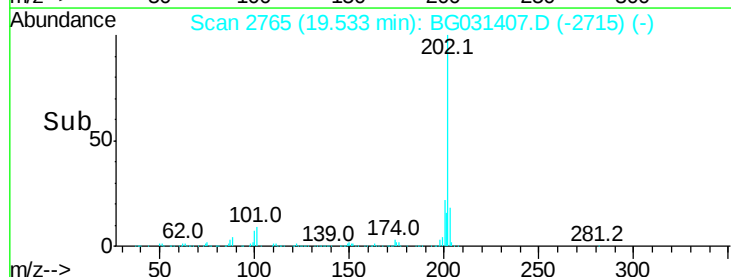
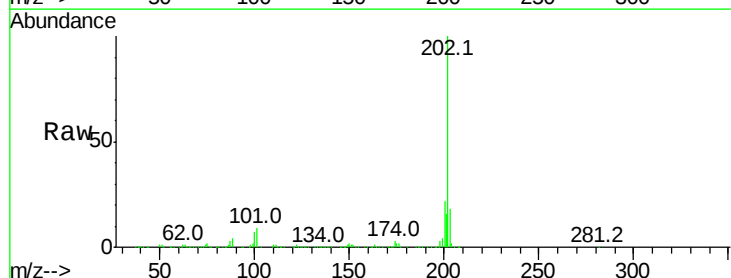
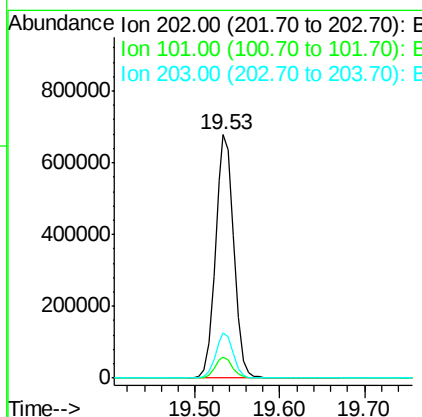
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#74
Fluoranthene
Concen: 34.387 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion:	202	Resp:	1027318
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

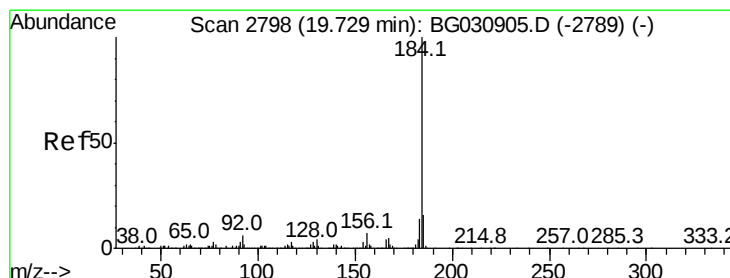
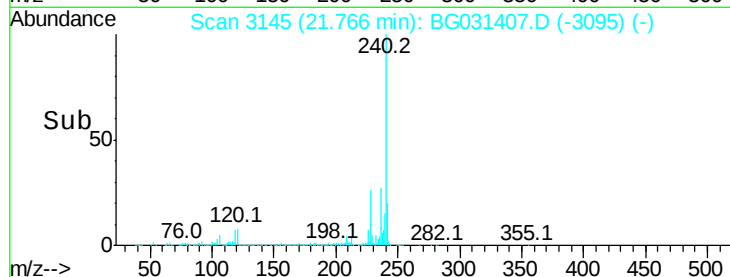
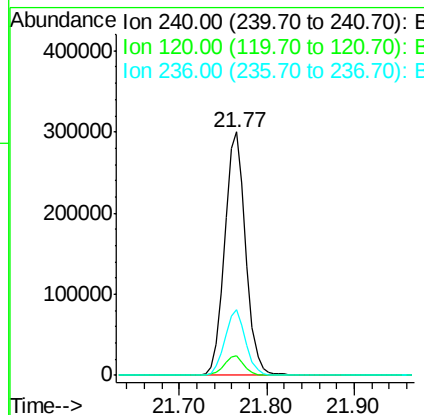
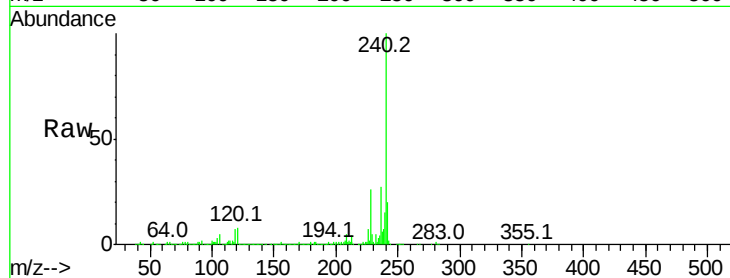
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	240	Resp:	495180
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.8	10.2
236	26.7	20.9	31.3

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#76

Benzidine

Concen: 30.774 ng

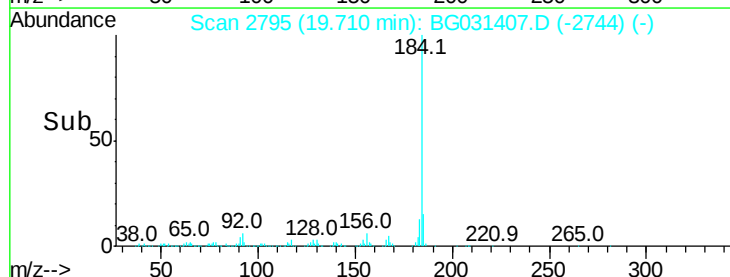
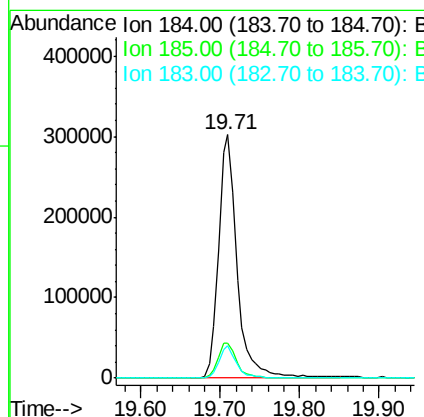
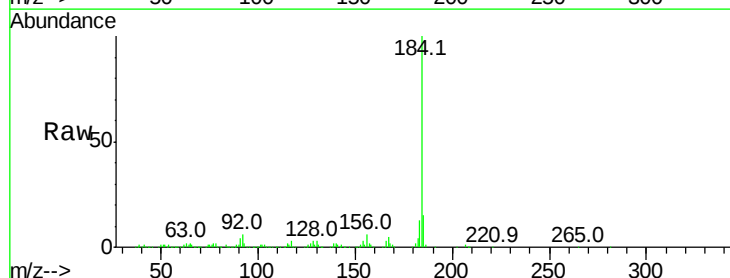
RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	184	Resp:	489497
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.1	16.7
183	13.2	10.6	16.0





#77

Pvrene

Concen: 35.773 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

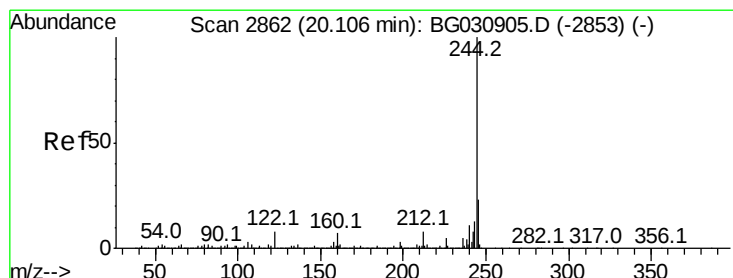
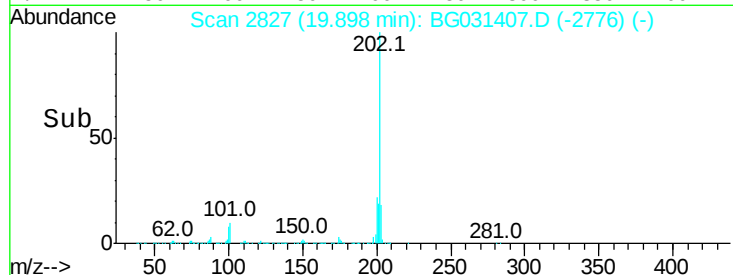
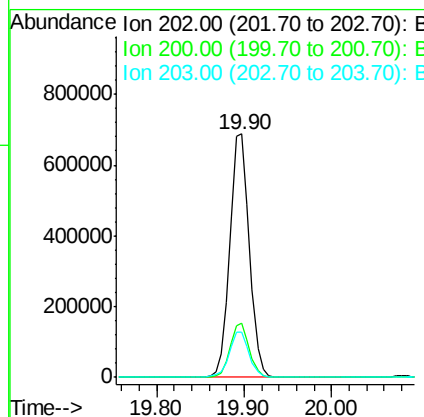
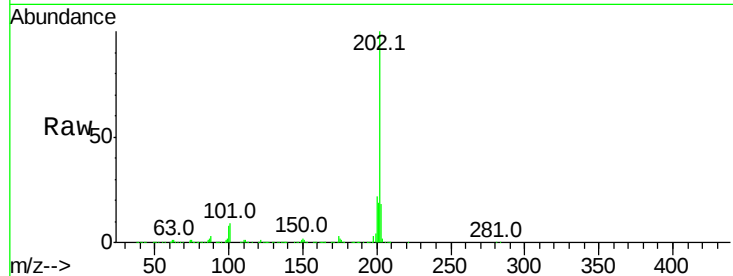
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	202	Resp:	1051152
Ion Ratio	Lower	Upper	
202	100		
200	22.4	16.9	25.3
203	18.4	13.9	20.9

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#78

Terphenyl-d14

Concen: 66.689 ng

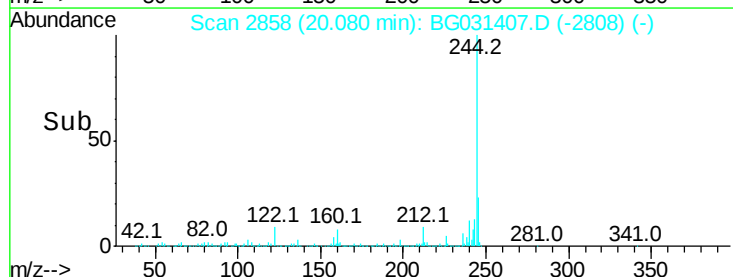
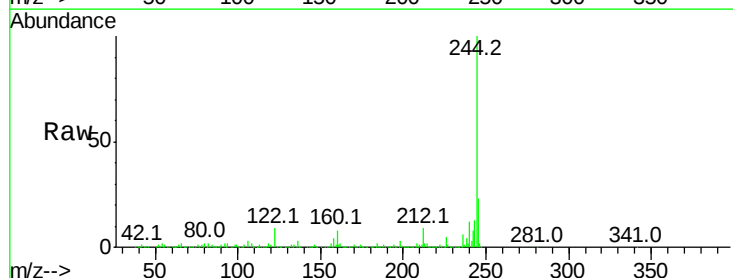
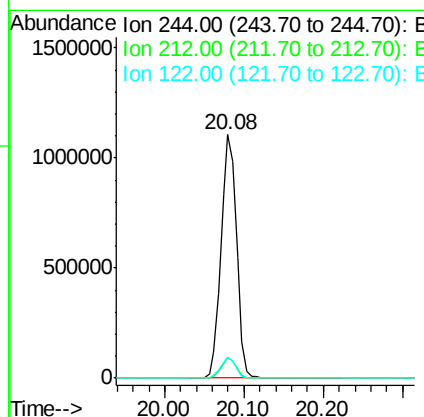
RT: 20.08 min Scan# 2858

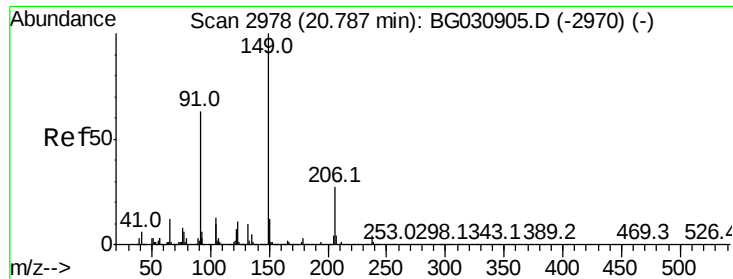
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	244	Resp:	1495552
Ion Ratio	Lower	Upper	
244	100		
212	8.7	5.8	8.8
122	8.6	7.0	10.4





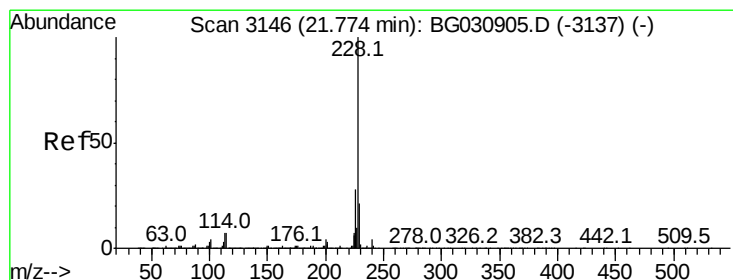
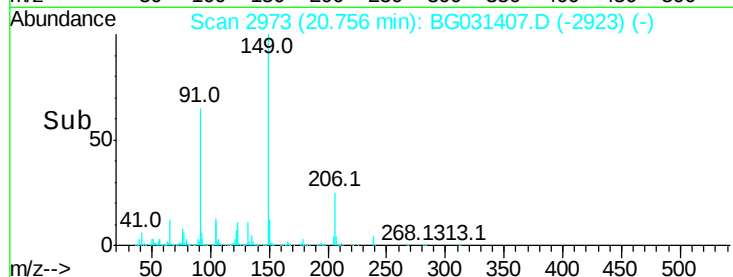
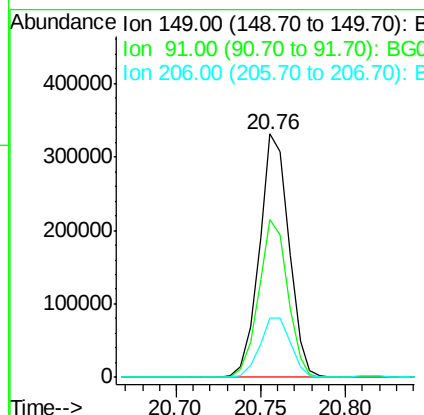
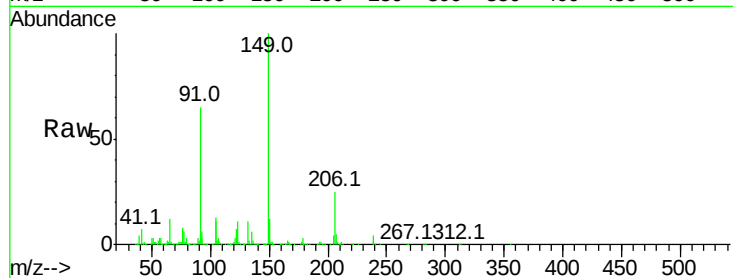
#79
Butylbenzylphthalate
Concen: 34.381 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.6	62.2	93.2	
206	24.5	18.6	27.8	

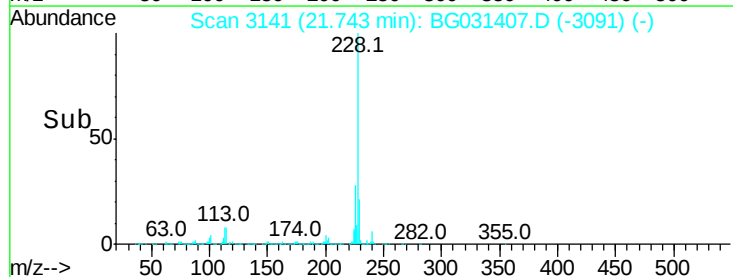
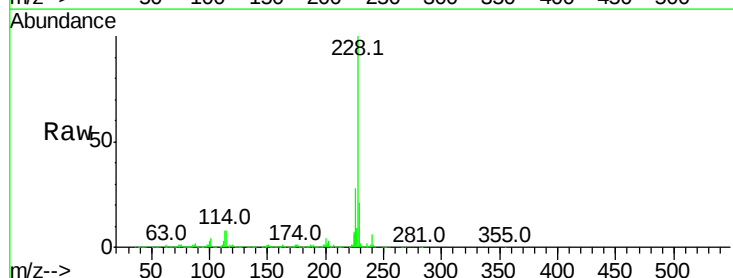
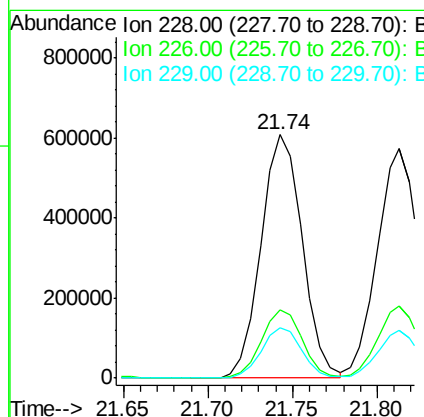
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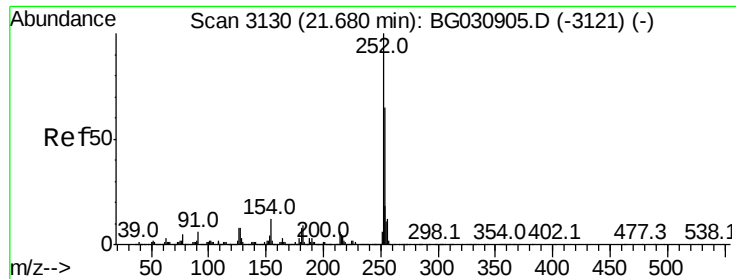
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#80
Benzo(a)anthracene
Concen: 33.513 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.7	34.1	
229	20.6	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 20.952 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

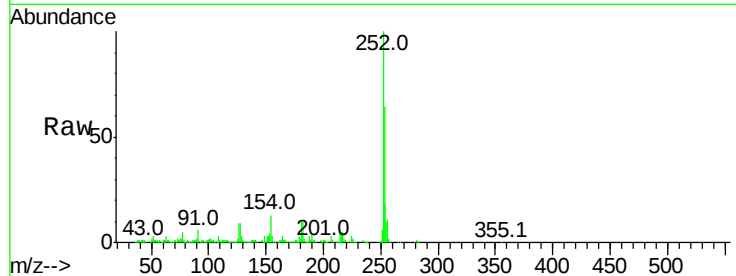
ClientSampleId :

SOIL-SB006BMS

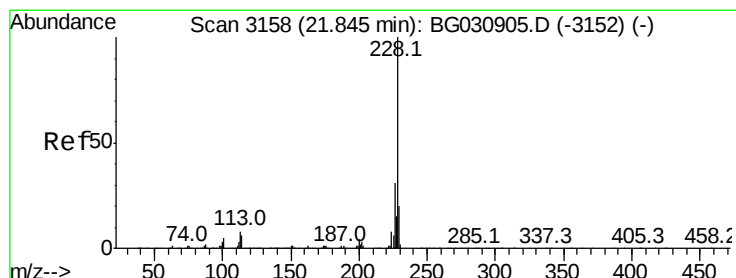
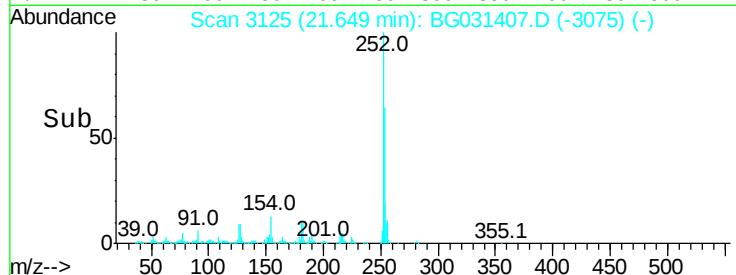
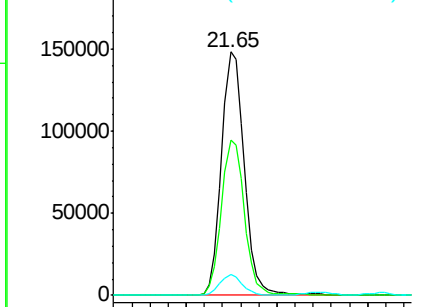
Tot Ion:	252	Resp:	260145
Ion Ratio		Lower	Upper
252	100		
254	63.9	50.8	76.2
126	8.6	7.4	11.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.464 ng

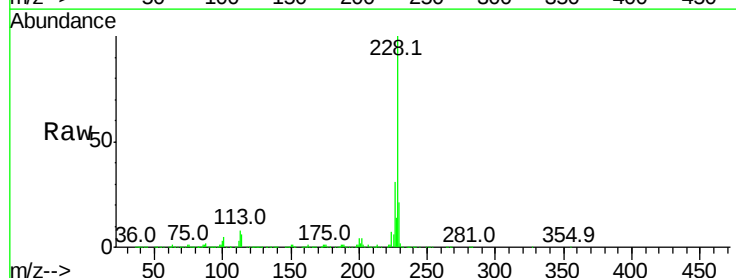
RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

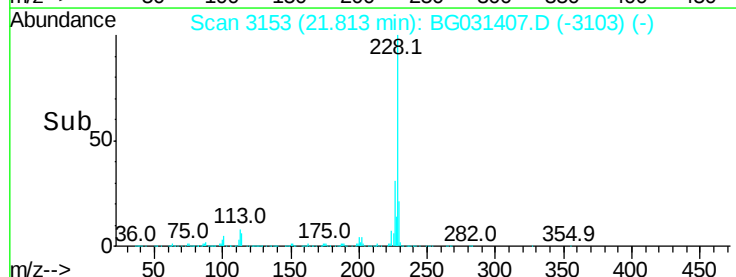
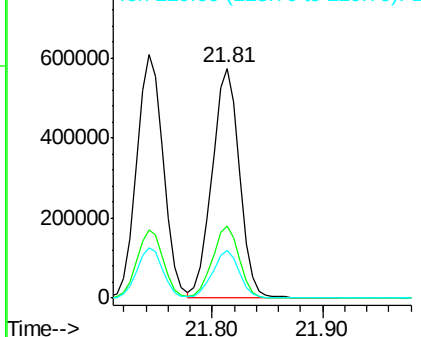
Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	228	Resp:	980608
Ion Ratio		Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.329 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

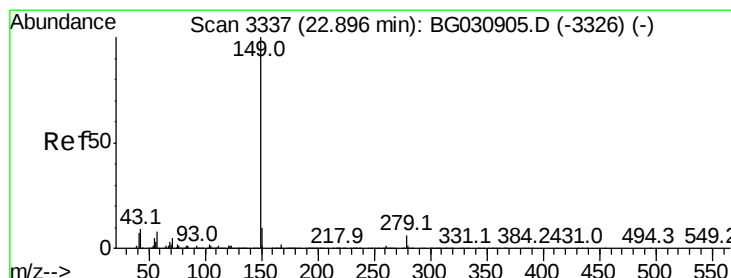
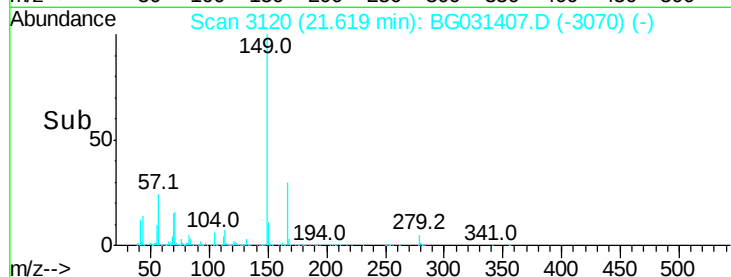
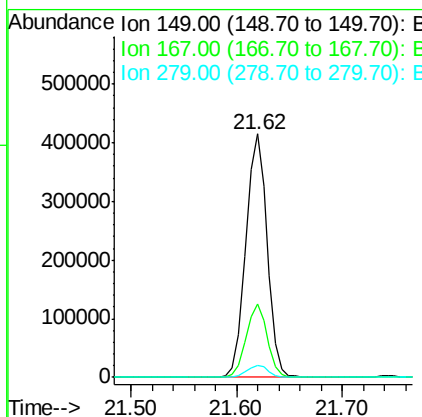
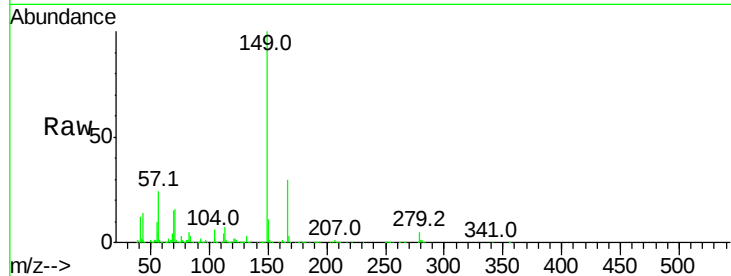
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	149	Resp:	580567
Ion Ratio	Lower	Upper	
149	100		
167	30.1	24.3	36.5
279	4.8	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 35.676 ng

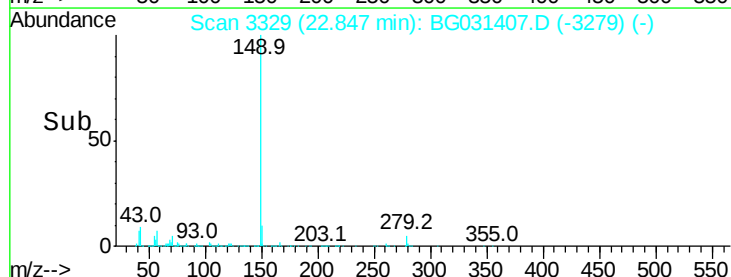
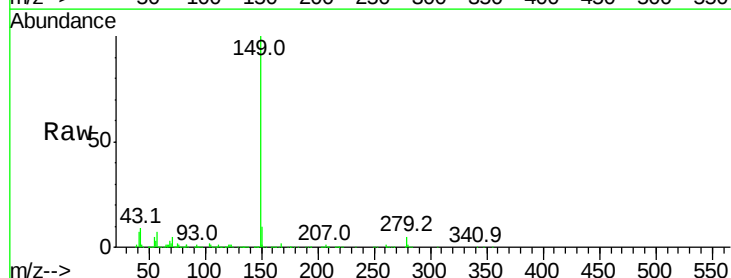
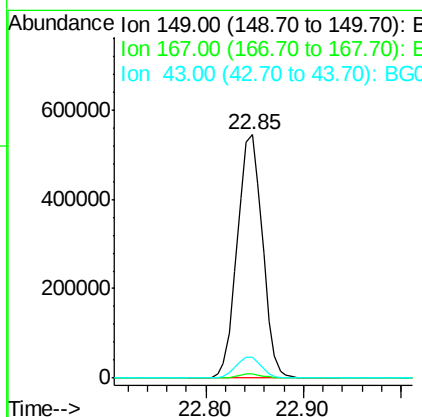
RT: 22.85 min Scan# 3329

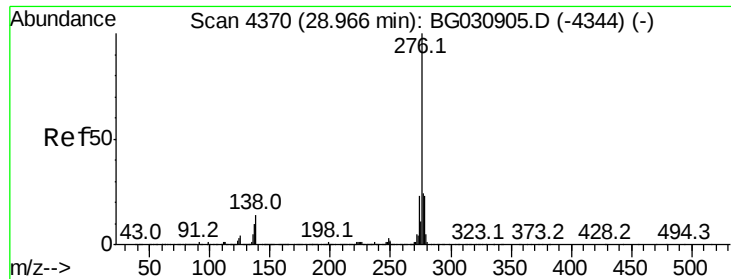
Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	149	Resp:	982000
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.7	8.9	13.3#





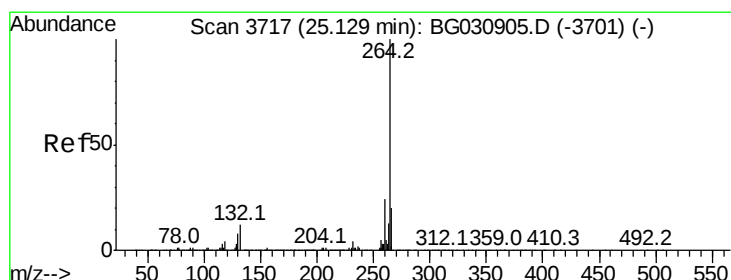
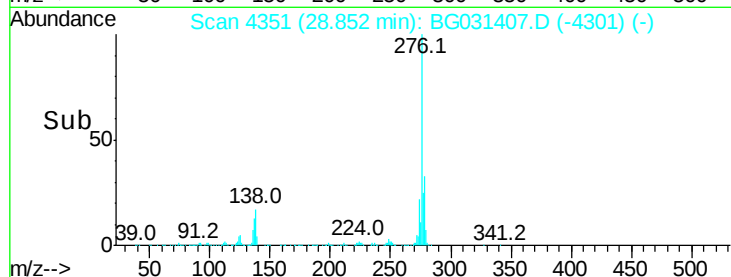
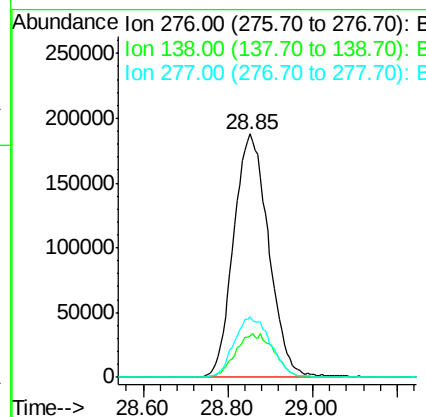
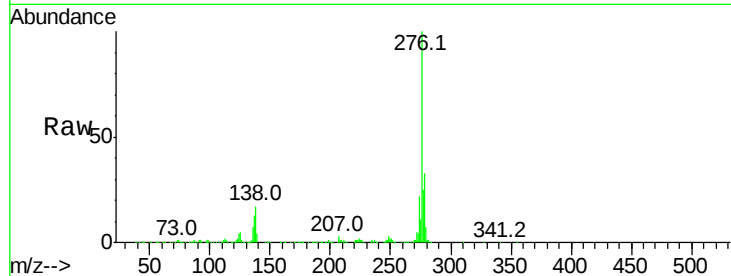
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.192 ng
 RT: 28.85 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	16.0	24.0#
277	25.8	20.0	30.0

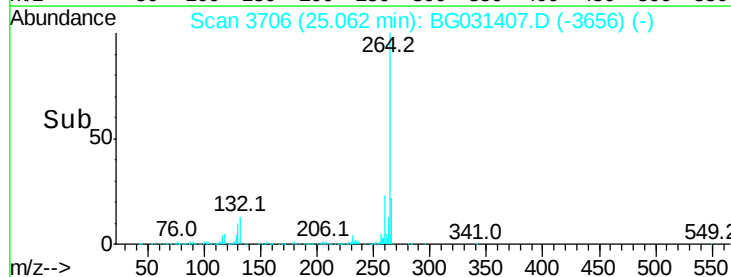
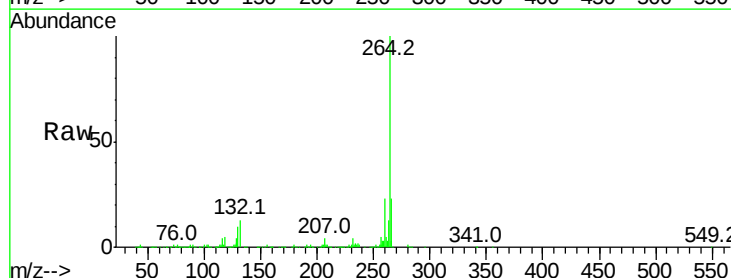
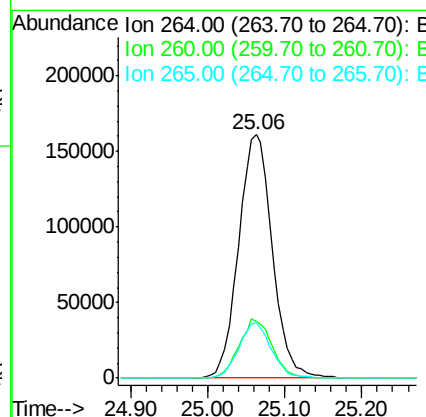
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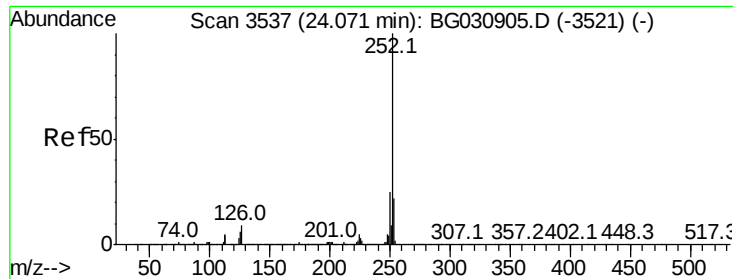
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.5	17.7	26.5





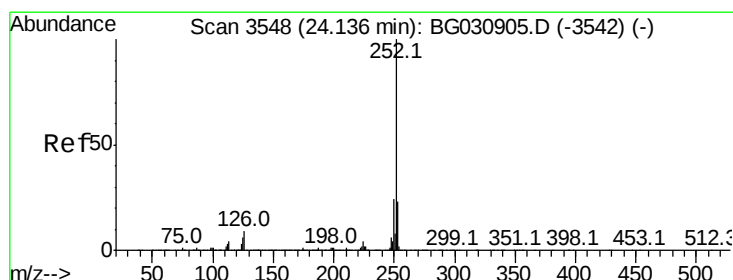
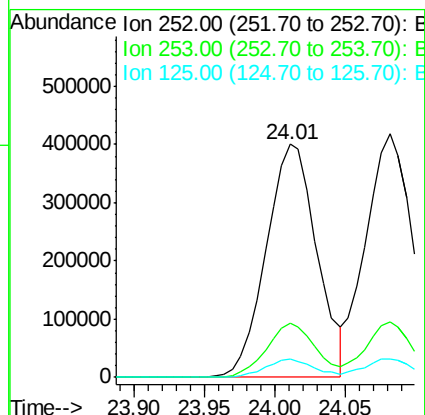
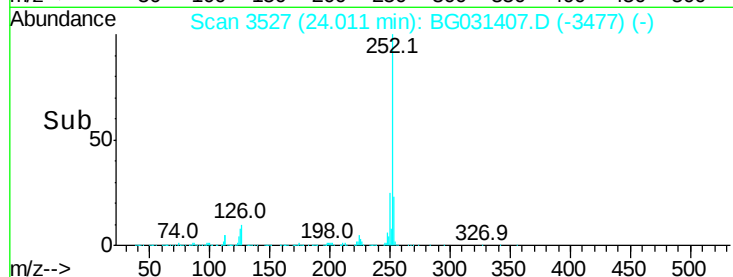
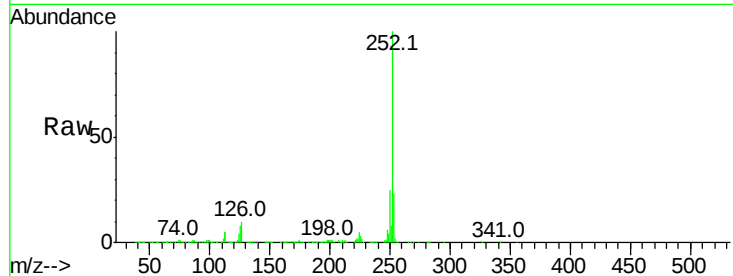
#87
Benzo(b)fluoranthene
Concen: 33.719 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	8.1	7.2	10.8

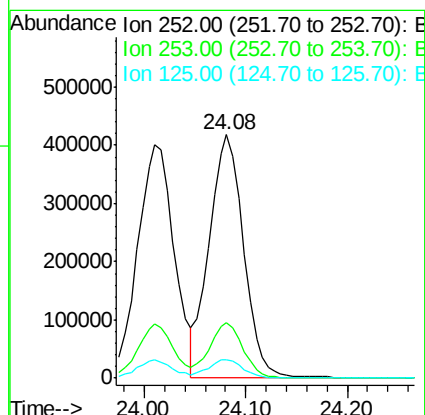
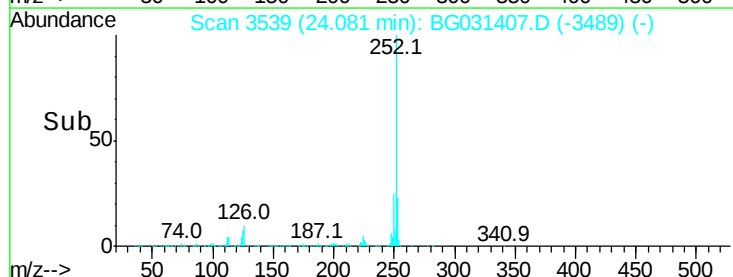
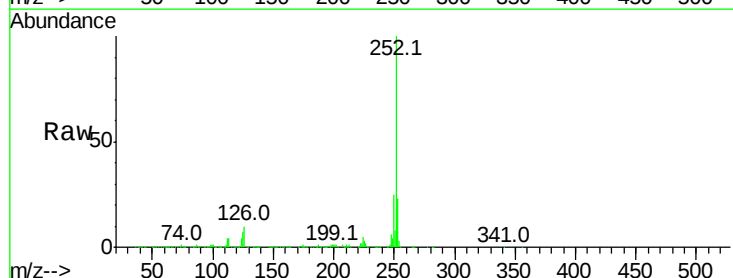
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#88
Benzo(k)fluoranthene
Concen: 33.218 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG031407.D
Acq: 7 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	7.3	6.6	9.8





#89

Benzo(a)pyrene

Concen: 34.182 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Instrument :

BNA_G

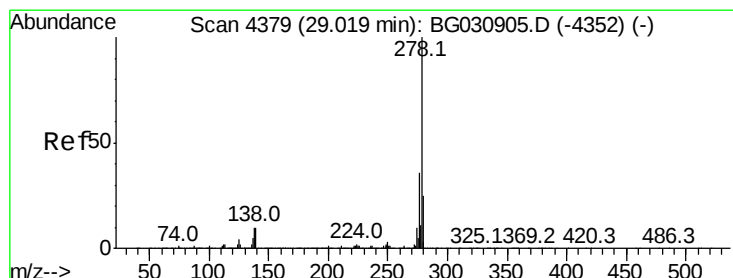
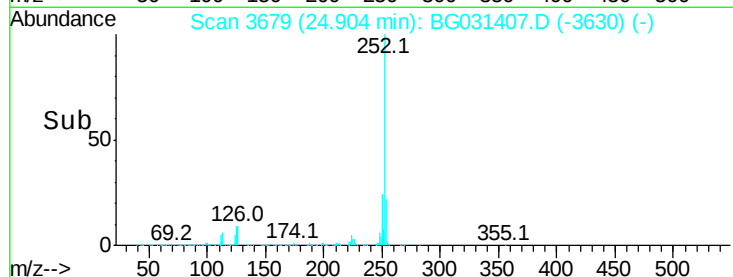
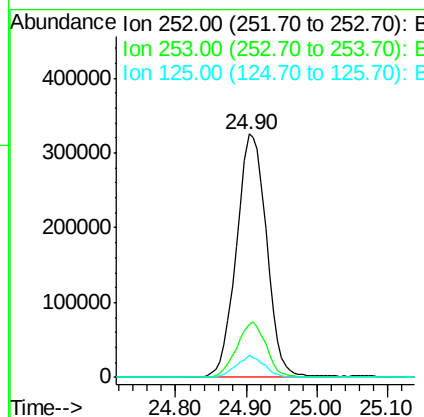
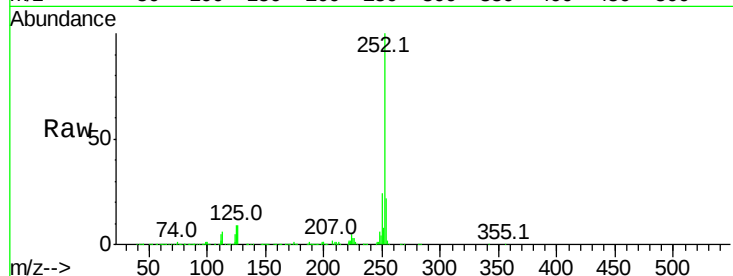
ClientSampleId :

SOIL-SB006BMS

Tot Ion:	252	Resp:	967435
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.3	27.5
125	9.0	7.3	10.9

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#90

Dibenzo(a,h)anthracene

Concen: 31.624 ng

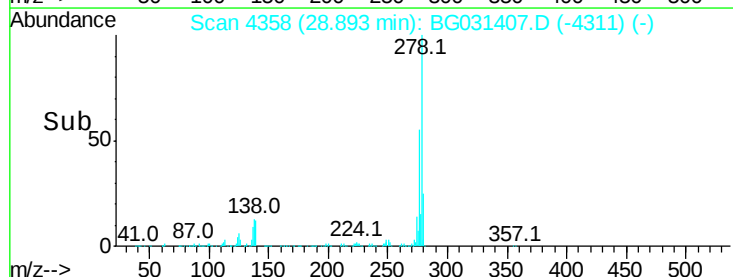
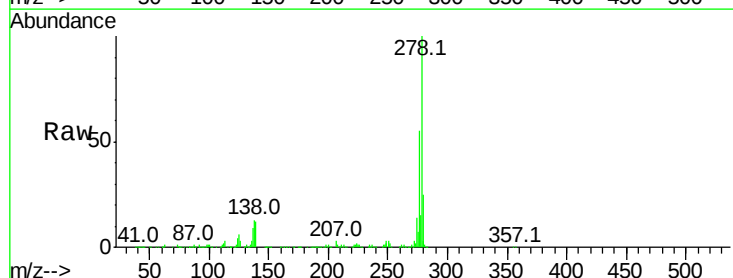
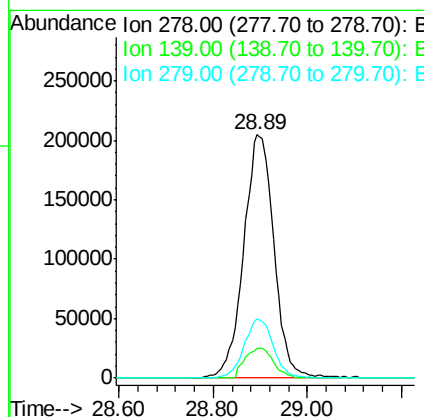
RT: 28.89 min Scan# 4358

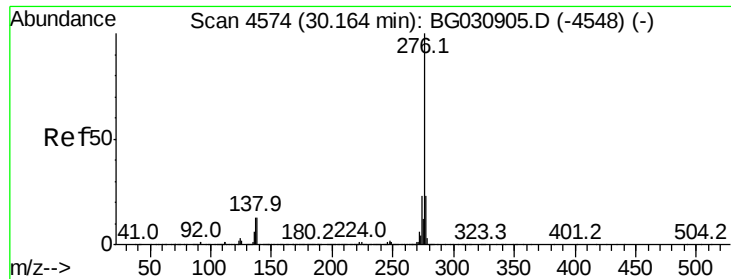
Delta R.T. -0.02 min

Lab File: BG031407.D

Acq: 7 Dec 2017 20:26

Tgt Ion:	278	Resp:	914805
Ion Ratio	Lower	Upper	
278	100		
139	12.1	9.8	14.6
279	24.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 31.560 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.01 min
 Lab File: BG031407.D
 Acq: 7 Dec 2017 20:26

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-SB006BMS

Tot Ion:	276	Resp:	886078
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.3	27.5
138	16.9	13.9	20.9

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