

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031365.D
 Acq On : 5 Dec 2017 2:46
 Operator : SJ/JU
 Sample : IDOC-SOIL-1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Manual Integrations
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Sohil
 12/5/2017 3:26:54 PM

Quant Time: Dec 05 06:34:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61129	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	275029	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	194416	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	498601	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	544864	20.00	ng	-0.02
86) Perylene-d12	25.06	264	552109	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	518754	145.52	ng	-0.02
7) Phenol-d6	7.30	99	698817	145.51	ng	0.00
23) Nitrobenzene-d5	9.29	82	412888	88.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	362250	115.18	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1234341	91.23	ng	-0.03
78) Terphenyl-d14	20.08	244	2177331	88.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	56952	39.37	ng	# 80
3) Pyridine	3.95	79	45970	10.95	ng	93
4) n-Nitrosodimethylamine	3.85	42	80189	40.29	ng	# 87
6) Aniline	7.45	93	147234	23.29	ng	95
8) 2-Chlorophenol	7.70	128	202888	51.57	ng	88
9) Benzaldehyde	7.26	77	79864	23.76	ng	93
10) Phenol	7.33	94	262618	52.65	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	184397	46.30	ng	90
12) 1,3-Dichlorobenzene	8.01	146	211712	45.87	ng	96
13) 1,4-Dichlorobenzene	8.16	146	212631	45.46	ng	96
14) 1,2-Dichlorobenzene	8.48	146	207734	46.27	ng	95
15) Benzyl Alcohol	8.37	79	168221	43.67	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	266840	60.66	ng	90
17) 2-Methylphenol	8.58	107	176098	50.70	ng	96
18) Hexachloroethane	9.21	117	73336	45.05	ng	89
19) n-Nitroso-di-n-propylamine	8.93	70	150349	41.17	ng	# 93
20) 3+4-Methylphenols	8.91	107	247157	50.05	ng	93
22) Acetophenone	8.95	105	292900	42.77	ng	# 90
24) Nitrobenzene	9.34	77	222903	47.01	ng	89
25) Isophorone	9.86	82	436161	48.18	ng	# 91
26) 2-Nitrophenol	10.05	139	123357	49.92	ng	# 87
27) 2,4-Dimethylphenol	10.11	122	202941	55.31	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	269425	47.26	ng	96
29) 2,4-Dichlorophenol	10.60	162	240273	54.54	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	254246	48.34	ng	97
31) Naphthalene	10.99	128	638863	47.25	ng	98
32) Benzoic acid	10.24	122	26258	13.24	ng	# 83
33) 4-Chloroaniline	11.11	127	118927	20.09	ng	94
34) Hexachlorobutadiene	11.27	225	161386	44.24	ng	94
35) Caprolactam	11.89	113	71025m	39.46	ng	
36) 4-Chloro-3-methylphenol	12.23	107	242427	50.56	ng	# 85
37) 2-Methylnaphthalene	12.59	142	513559	49.20	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	313889	40.68	ng	97
40) Hexachlorocyclopentadiene	12.93	237	277352	94.90	ng	90

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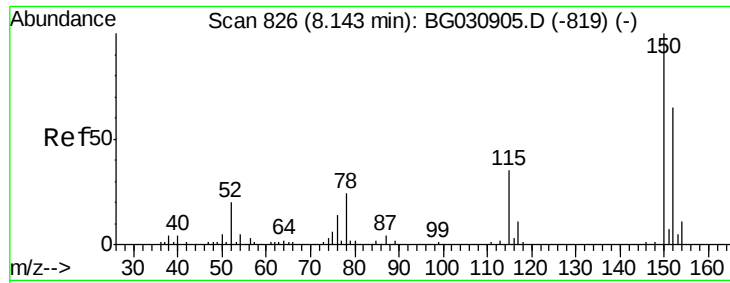
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	216765	49.14	nq	100
43) 2,4,5-Trichlorophenol	13.28	196	236108	48.92	nq	# 93
45) 1,1'-Biphenyl	13.58	154	681811	42.29	nq	98
46) 2-Chloronaphthalene	13.63	162	566700	48.72	nq	96
47) 2-Nitroaniline	13.84	65	158523	45.98	nq	# 80
48) Acenaphthylene	14.48	152	863989	45.38	nq	98
49) Dimethylphthalate	14.20	163	855159	50.87	nq	99
50) 2,6-Dinitrotoluene	14.32	165	176689	51.00	nq	# 73
51) Acenaphthene	14.81	154	541726	45.56	nq	98
52) 3-Nitroaniline	14.66	138	117903	32.05	nq	# 79
53) 2,4-Dinitrophenol	14.88	184	182913	94.79	nq	# 49
54) Dibenzofuran	15.15	168	895066	47.26	nq	99
55) 4-Nitrophenol	14.99	139	249005	95.02	nq	# 79
56) 2,4-Dinitrotoluene	15.12	165	256709	51.25	nq	# 71
57) Fluorene	15.79	166	719424	46.79	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	237118	51.55	nq	# 88
59) Diethylphthalate	15.55	149	767553	44.95	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	431318	46.45	nq	92
61) 4-Nitroaniline	15.83	138	182400	46.82	nq	85
62) Azobenzene	16.07	77	607343	46.64	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	145829	44.00	nq	# 74
65) n-Nitrosodiphenylamine	15.99	169	684548	45.31	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	289483	45.84	nq	98
67) Hexachlorobenzene	16.80	284	296075	44.12	nq	95
68) Atrazine	16.94	200	290213	46.55	nq	98
69) Pentachlorophenol	17.15	266	308325	83.13	nq	99
70) Phenanthrene	17.54	178	1226744	47.25	nq	97
71) Anthracene	17.63	178	1266989	48.71	nq	99
72) Carbazole	17.90	167	1152586	47.29	nq	99
73) Di-n-butylphthalate	18.43	149	1333932	44.57	nq	99
74) Fluoranthene	19.54	202	1598929	48.64	nq	96
76) Benzidine	19.71	184	189035	10.80	nq	98
77) Pyrene	19.89	202	1629864	50.41	nq	95
79) Butylbenzylphthalate	20.76	149	629572	48.84	nq	85
80) Benzo(a)anthracene	21.74	228	1608635	47.53	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	409459	29.97	nq	# 98
82) Chrysene	21.81	228	1521816	48.61	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	882515	47.43	nq	99
84) Di-n-octyl phthalate	22.84	149	1484233	49.00	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1809293	47.54	nq	# 79
87) Benzo(b)fluoranthene	24.01	252	1593661	47.72	nq	98
88) Benzo(k)fluoranthene	24.08	252	1598081	48.28	nq	98
89) Benzo(a)pyrene	24.91	252	1575142	49.65	nq	99
90) Dibenzo(a,h)anthracene	28.90	278	1514245	46.70	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1499624	47.65	nq	97

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



#1

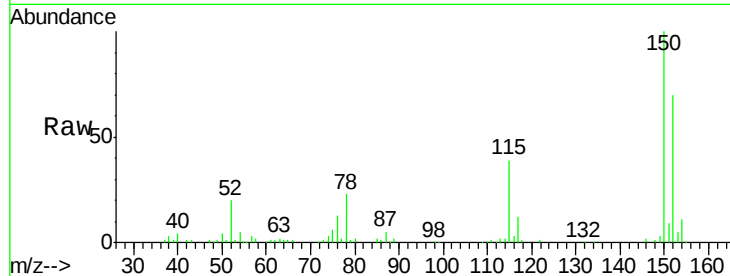
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

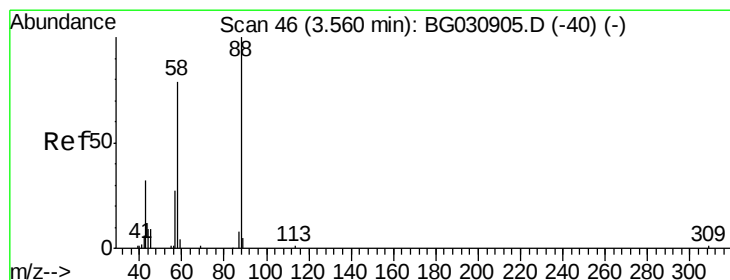
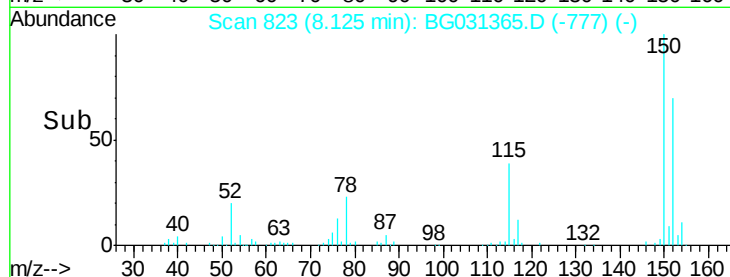
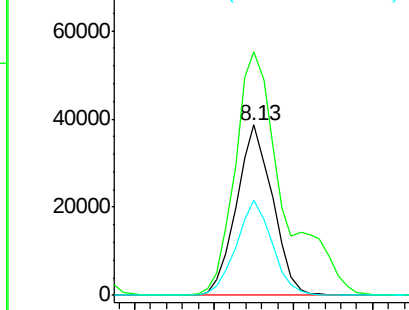
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	126.6	189.8
115	55.8	53.0	79.4

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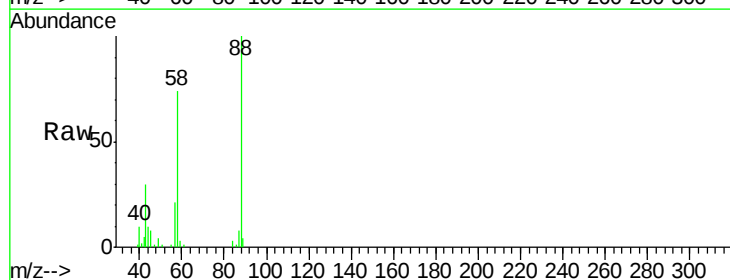
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



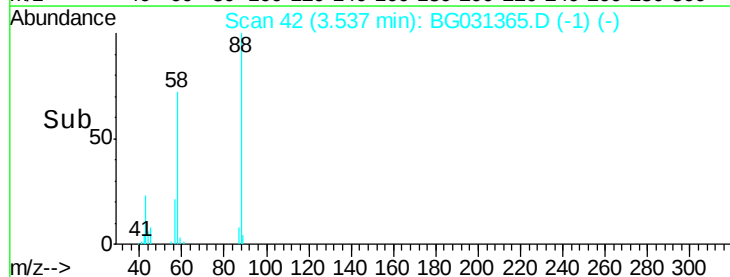
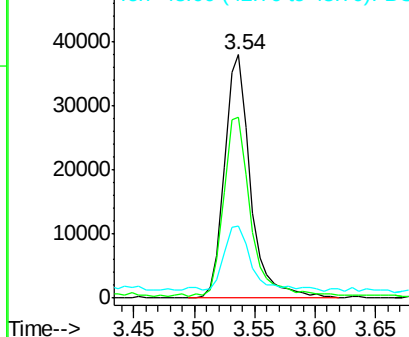
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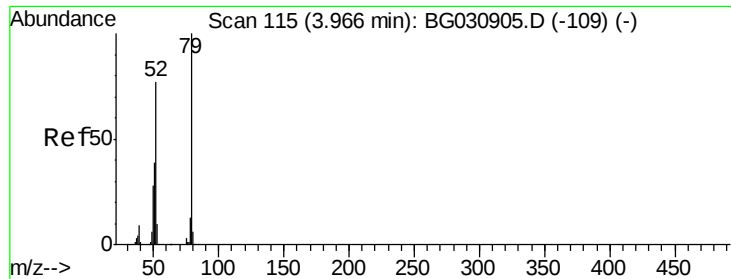
1,4-Dioxane
Concen: 39.37 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	79.6	119.4#
43	29.3	27.4	41.0



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





#3

Pvridine

Concen: 10.95 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

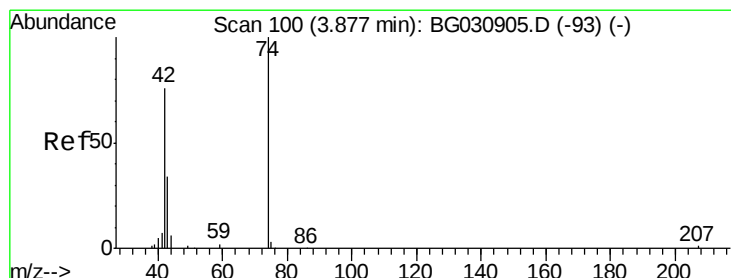
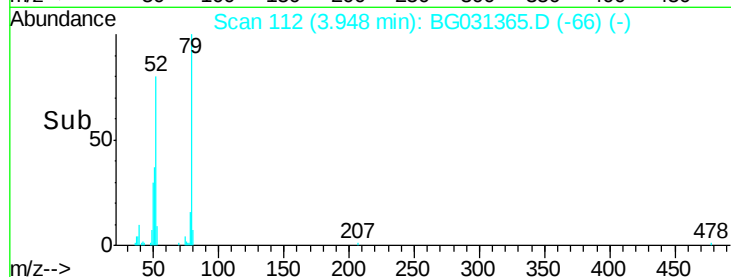
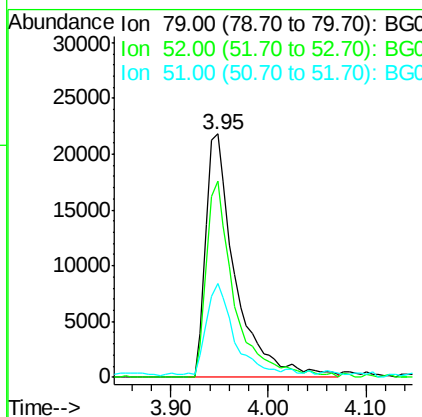
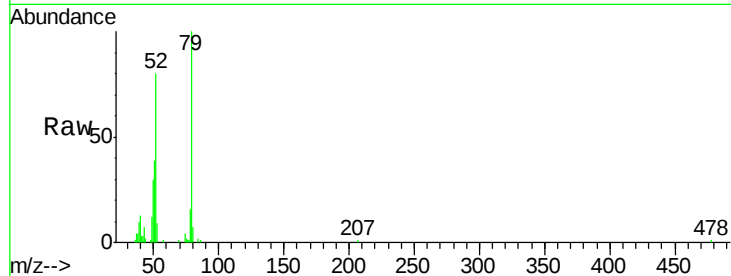
ClientSampled :

IDOC-SOIL-1

Tot Ion:	79	Resp:	45970
Ion	Ratio	Lower	Upper
79	100		
52	80.4	69.9	104.9
51	38.6	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 40.29 ng

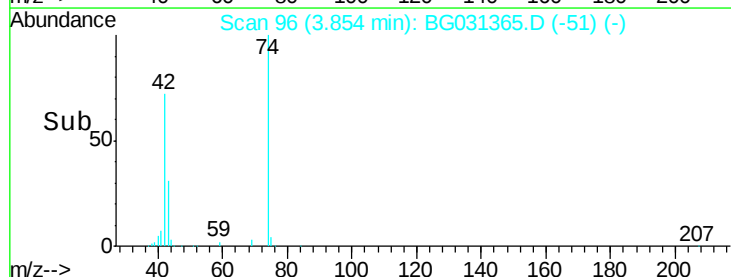
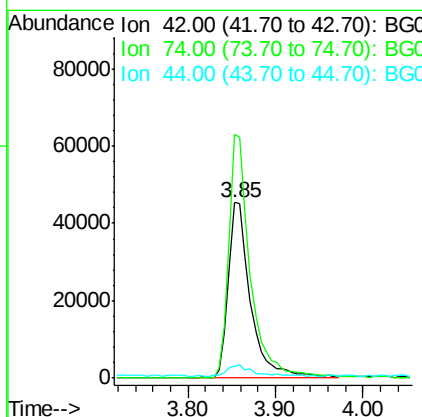
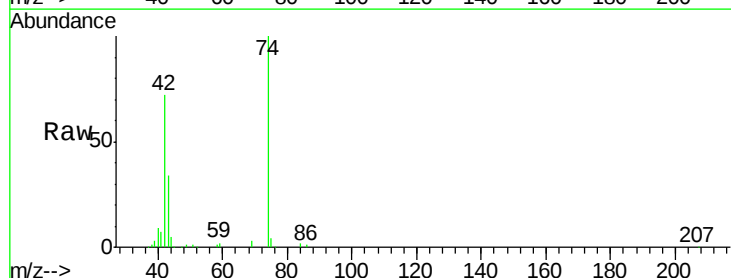
RT: 3.85 min Scan# 96

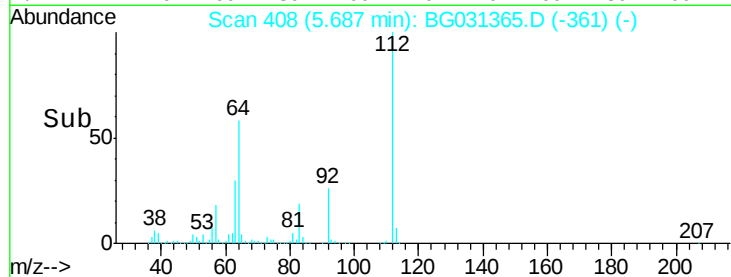
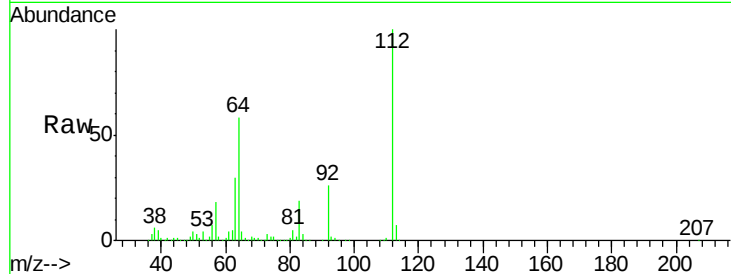
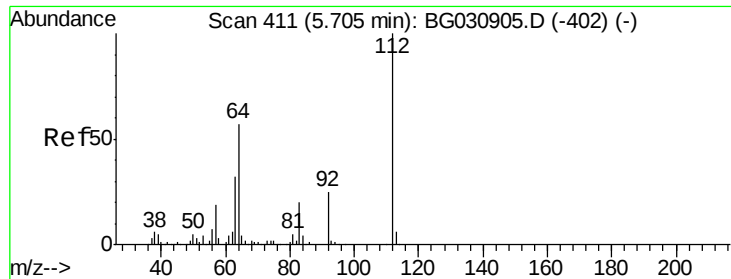
Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	42	Resp:	80189
Ion	Ratio	Lower	Upper
42	100		
74	138.7	102.5	153.7
44	6.7	18.9	28.3#





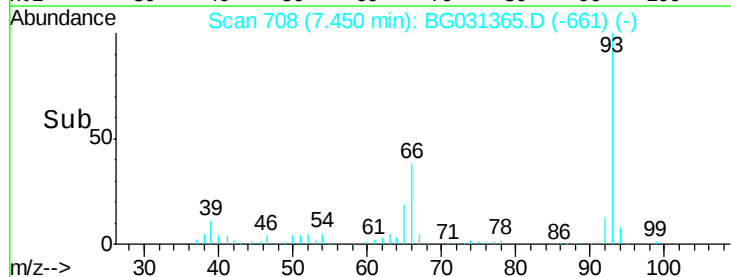
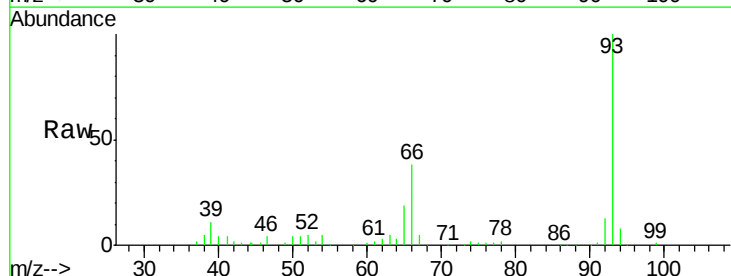
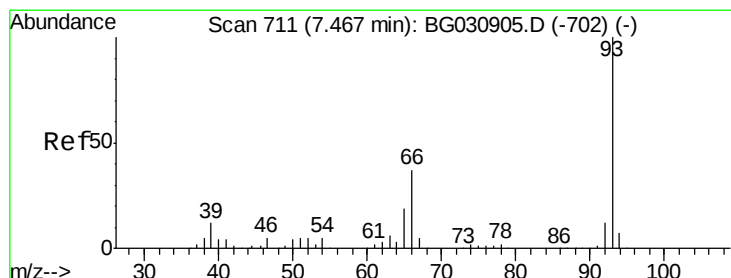
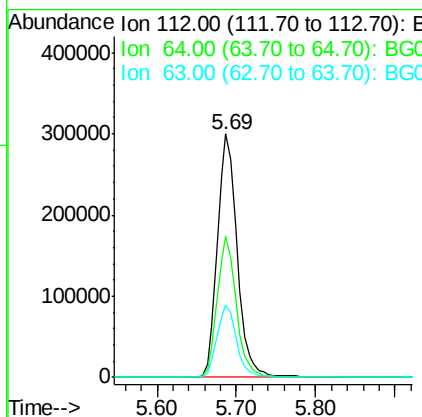
#5
2-Fluorophenol
Concen: 145.52 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.2	56.3	84.5
63	29.8	30.1	45.1#

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

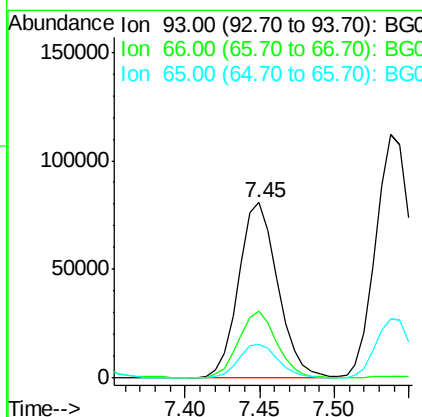
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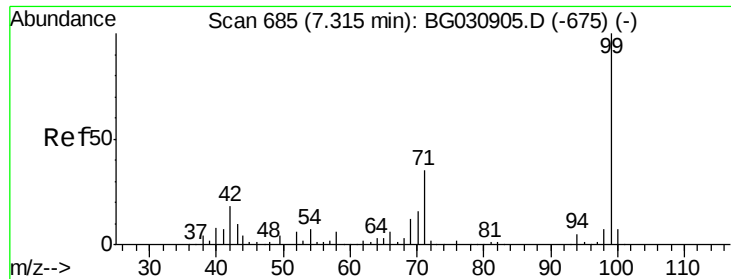
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#6
Aniline
Concen: 23.29 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.2	33.7	50.5
65	18.9	16.1	24.1





#7

Phenol-d6

Concen: 145.51 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

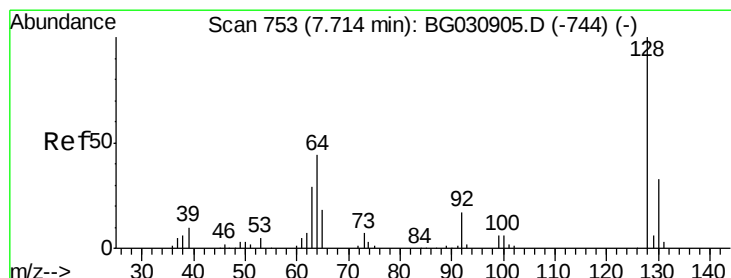
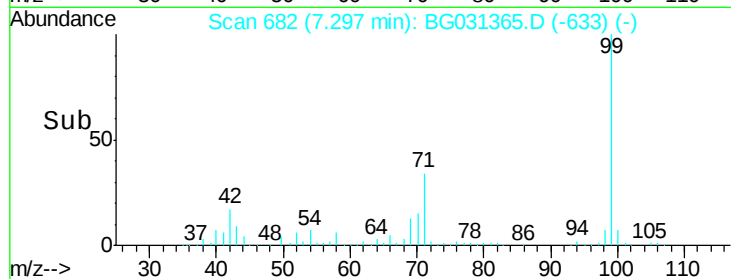
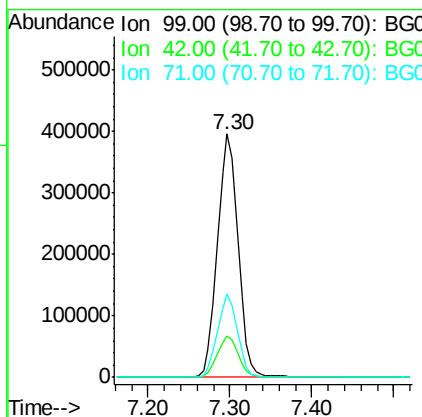
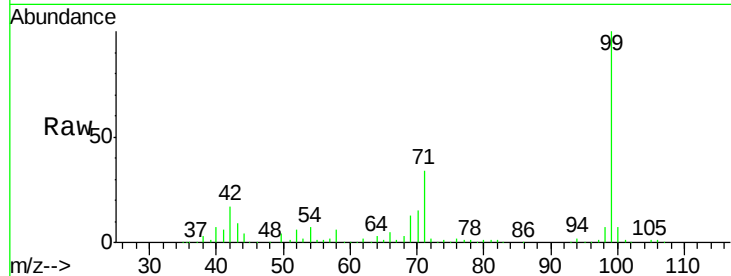
ClientSampled :

IDOC-SOIL-1

Tot Ion:	99	Resp:	698817
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.1	21.1
71	34.2	26.1	39.1

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#8

2-Chlorophenol

Concen: 51.57 ng

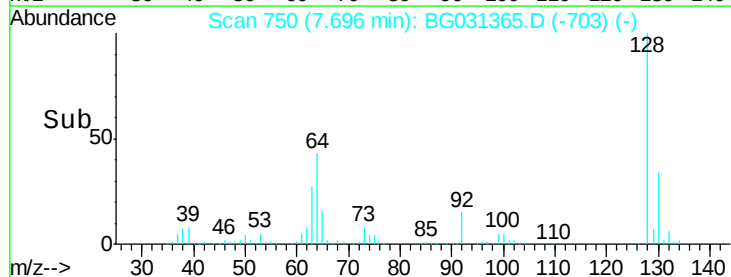
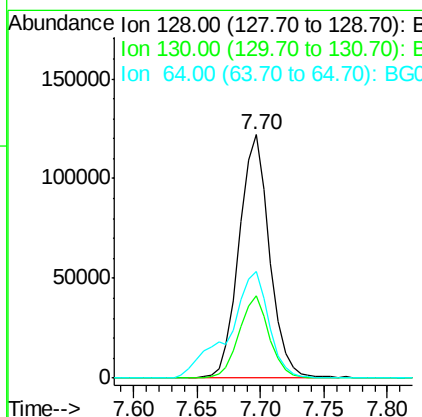
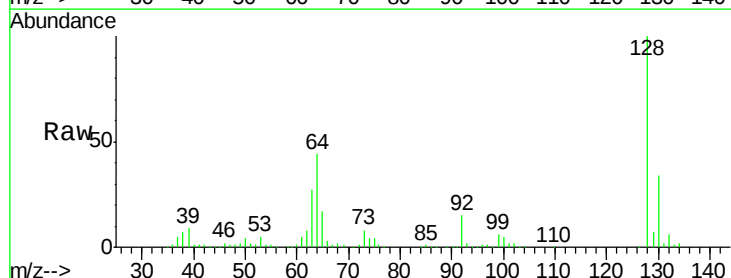
RT: 7.70 min Scan# 750

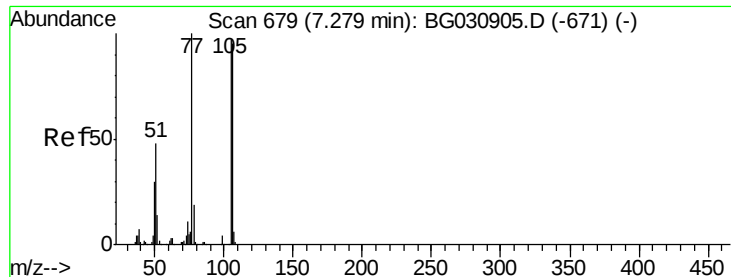
Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	128	Resp:	202888
Ion Ratio	Lower	Upper	
128	100		
130	33.9	14.0	54.0
64	43.6	37.7	77.7





#9

Benzaldehyde

Concen: 23.76 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

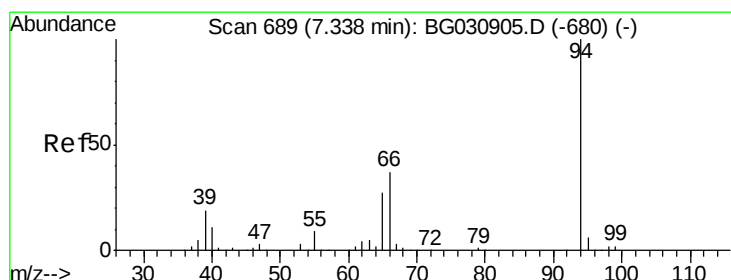
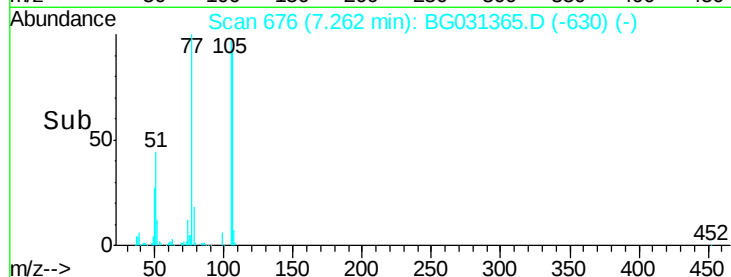
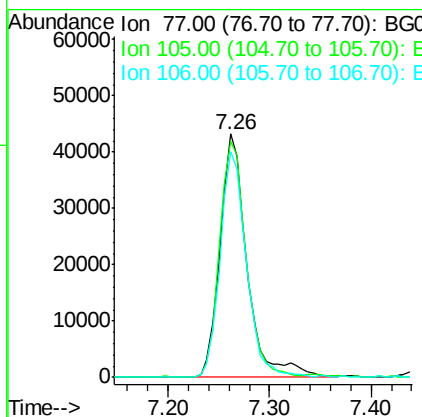
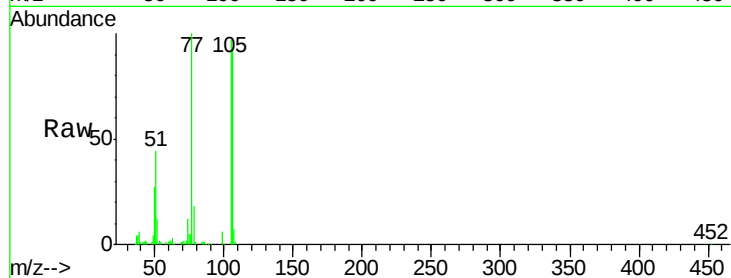
ClientSampleId :

IDOC-SOIL-1

Tot Ion:	77	Resp:	79864
Ion	Ratio	Lower	Upper
77	100		
105	96.8	71.3	111.3
106	92.6	64.2	104.2

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#10

Phenol

Concen: 52.65 ng

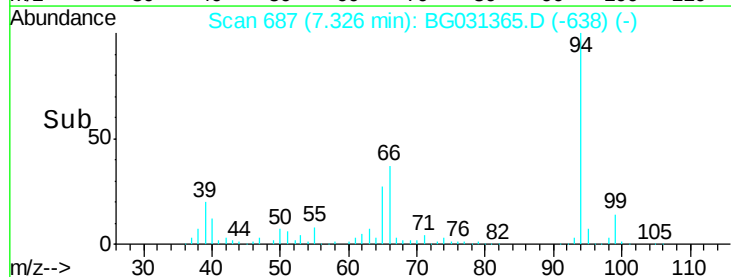
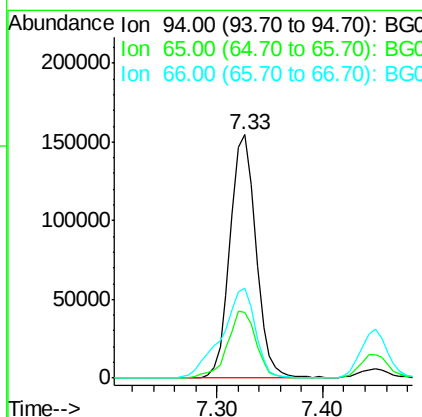
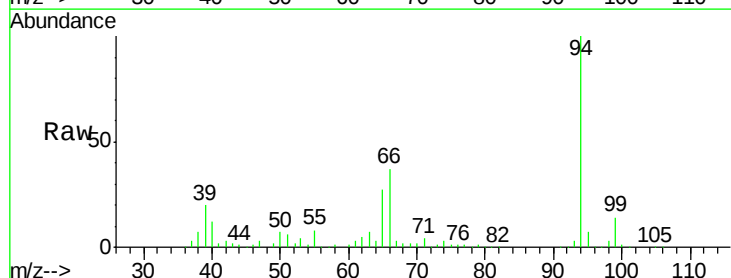
RT: 7.33 min Scan# 687

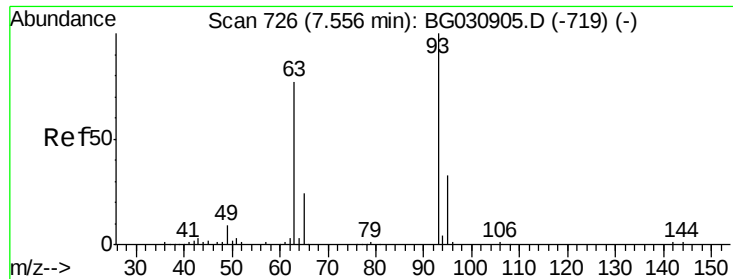
Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	94	Resp:	262618
Ion	Ratio	Lower	Upper
94	100		
65	26.8	11.9	51.9
66	37.0	22.2	62.2





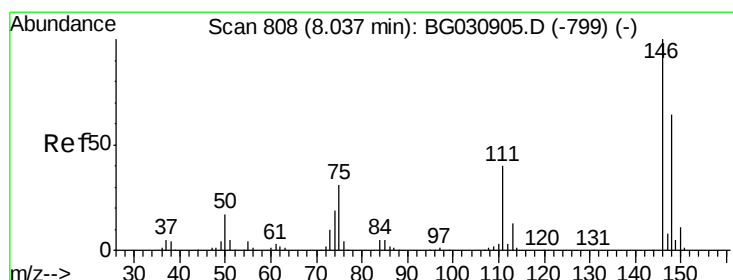
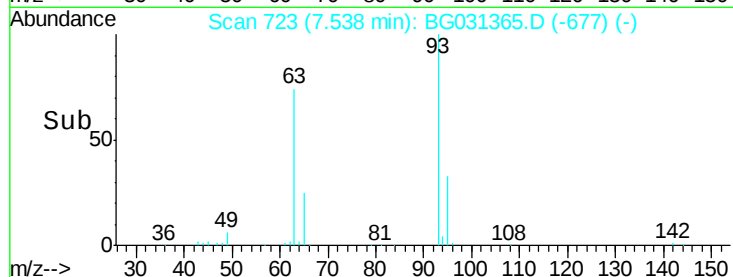
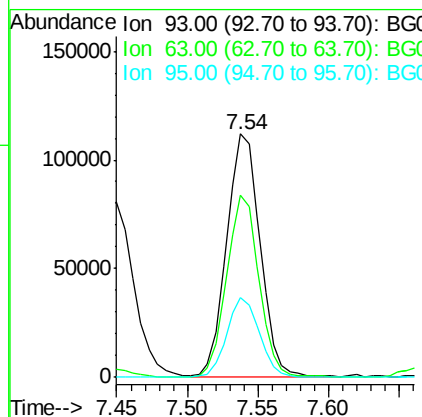
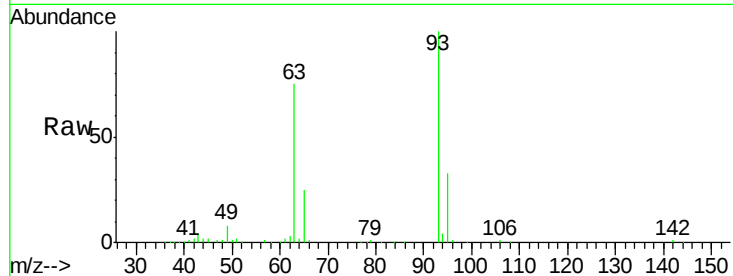
#11
bis(2-Chloroethyl)ether
Concen: 46.30 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	67.1	107.1
95	32.8	11.5	51.5

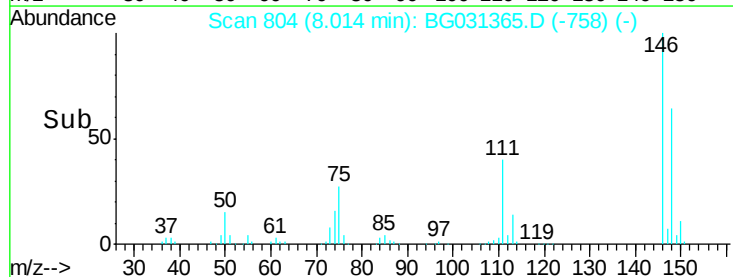
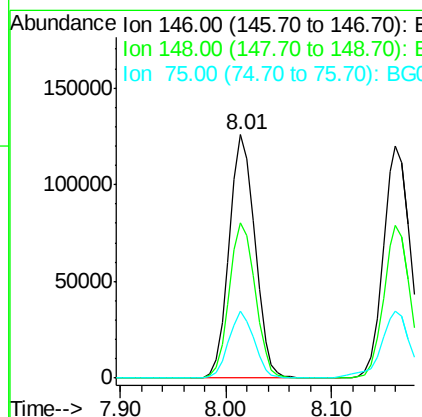
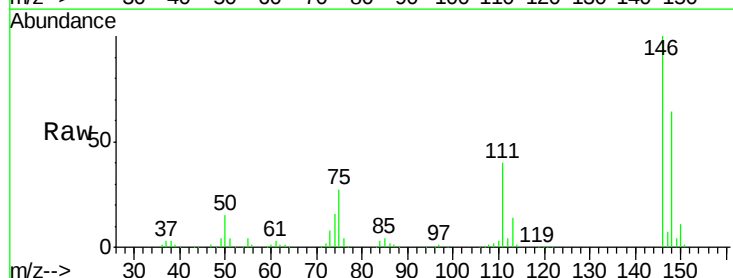
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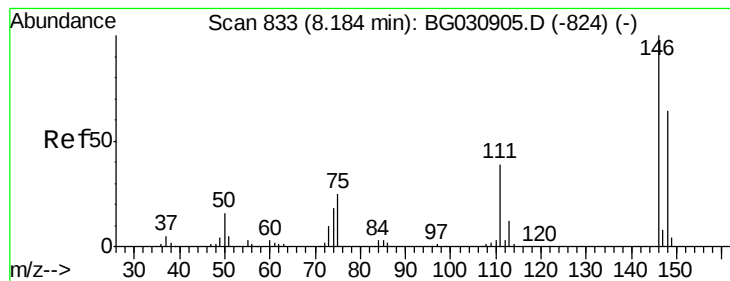
Sohil
12/5/2017 3:26:54 PM



#12
1,3-Dichlorobenzene
Concen: 45.87 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
75	27.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.46 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

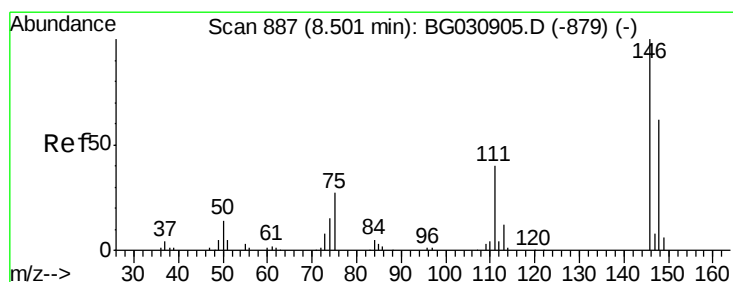
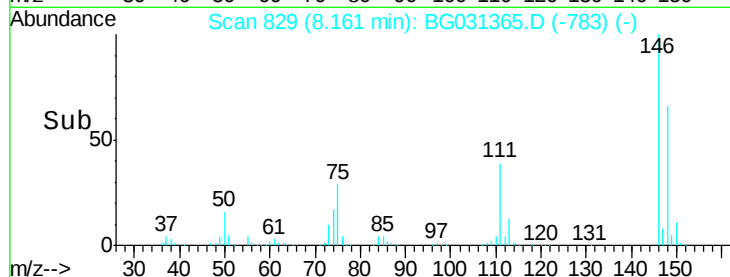
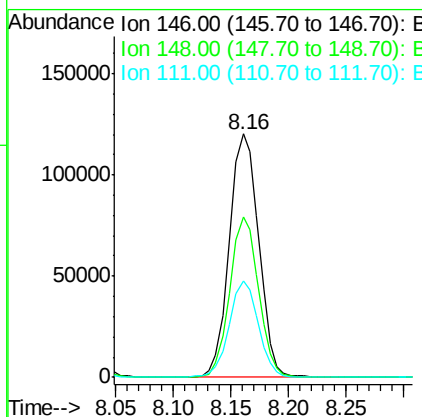
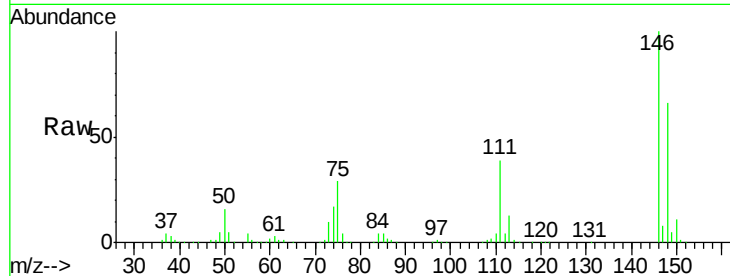
ClientSampleId :

IDOC-SOIL-1

Tot Ion:	146	Resp:	212631
Ion Ratio	Lower	Upper	
146	100		
148	65.7	53.7	80.5
111	39.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 46.27 ng

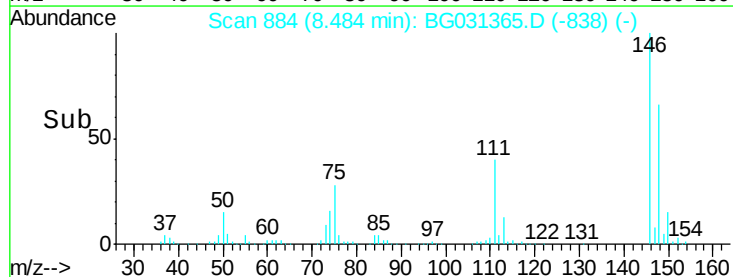
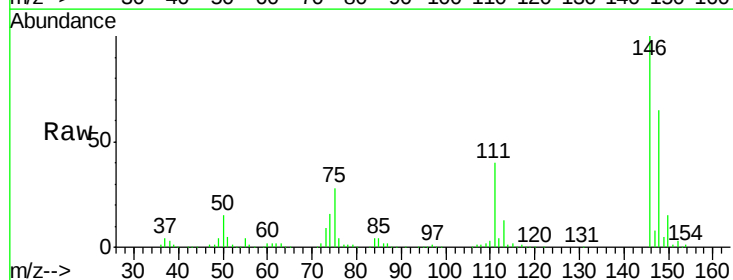
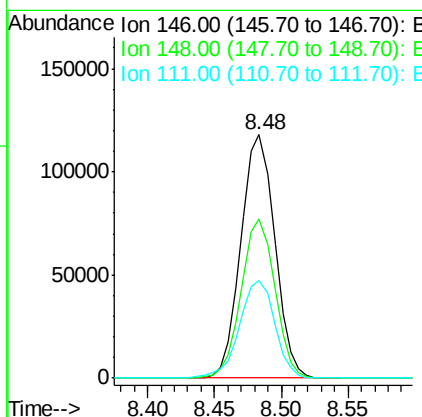
RT: 8.48 min Scan# 884

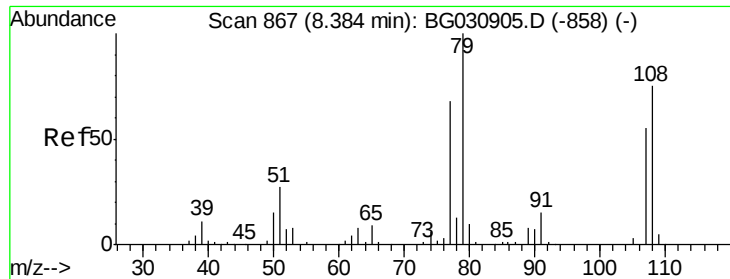
Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	146	Resp:	207734
Ion Ratio	Lower	Upper	
146	100		
148	65.5	49.3	73.9
111	40.1	34.3	51.5





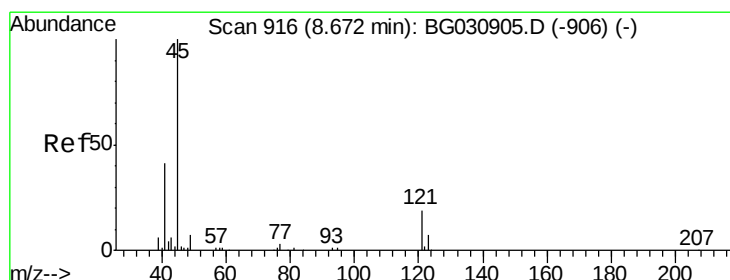
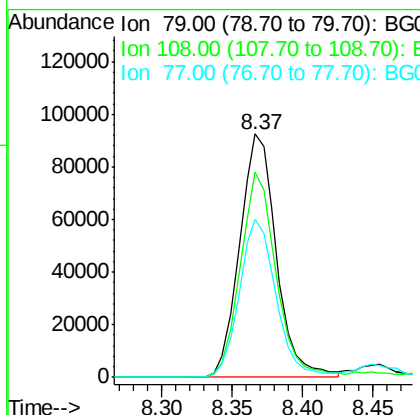
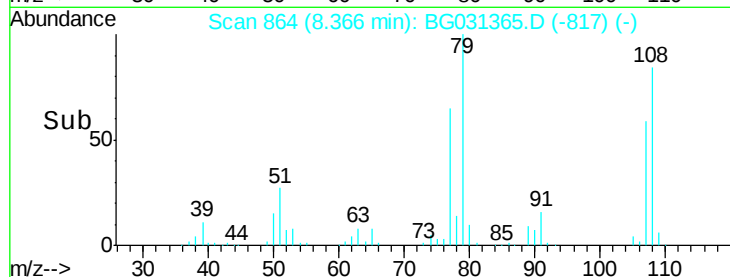
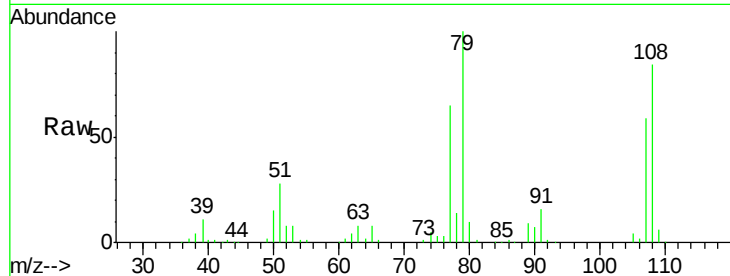
#15
Benzyl Alcohol
Concen: 43.67 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.4	57.2	85.8
77	65.0	46.1	69.1

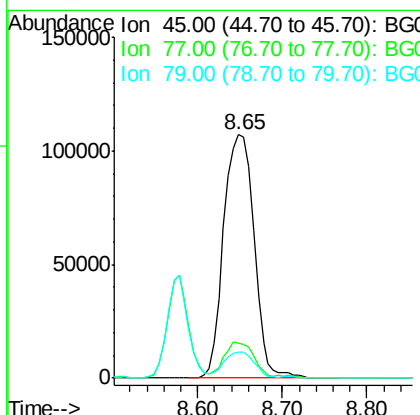
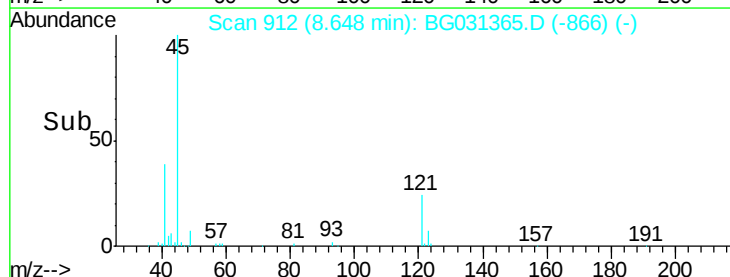
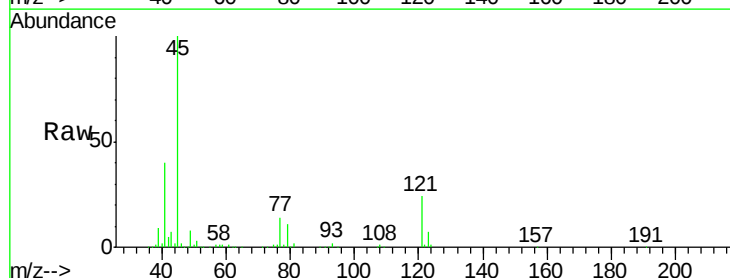
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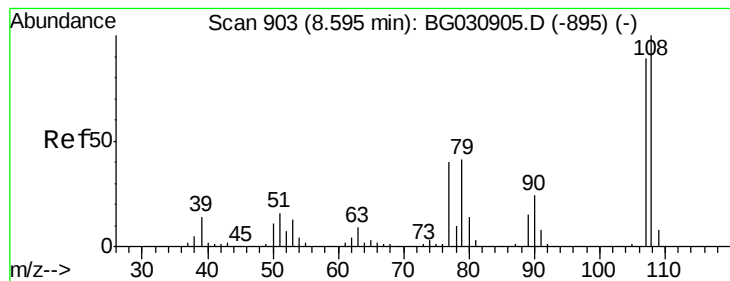
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#16
2,2'-oxybis(1-chloropropane)
Concen: 60.66 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	30.2
79	10.7	0.0	27.9





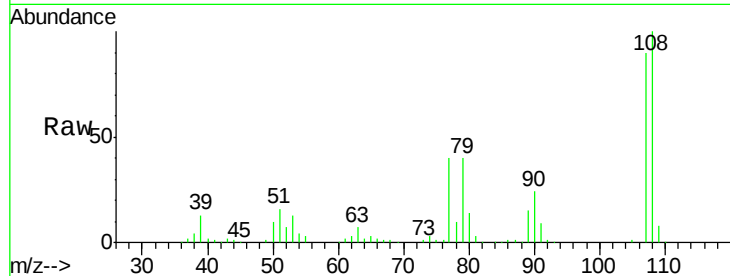
#17
2-Methylphenol
Concen: 50.70 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
107	100	176098		
108	111.7	83.9	125.9	
77	44.5	37.2	55.8	
79	44.8	36.2	54.2	

Manual Integrations
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Abundance

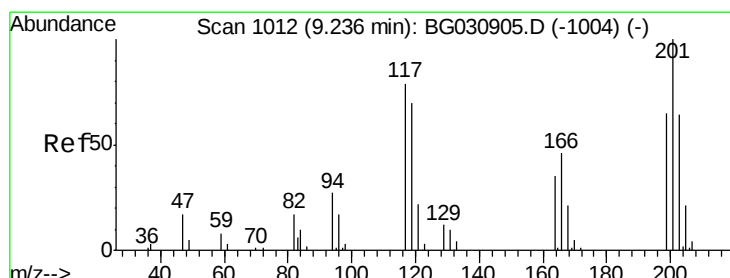
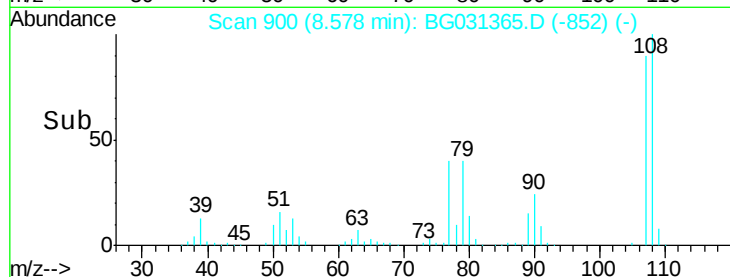
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

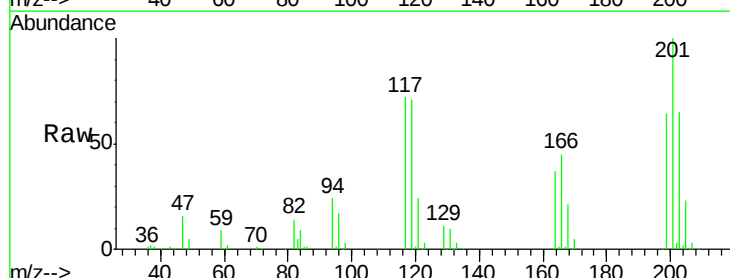
Ion 79.00 (78.70 to 79.70): BG

Time-->



#18
Hexachloroethane
Concen: 45.05 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73336		
119	98.2	76.7	115.1	
201	139.1	95.7	143.5	



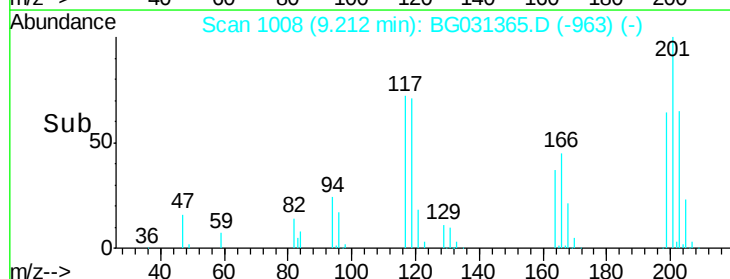
Abundance

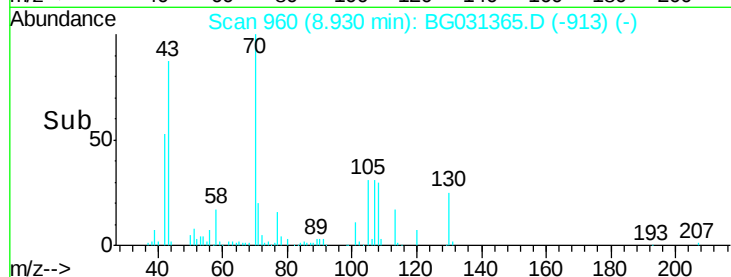
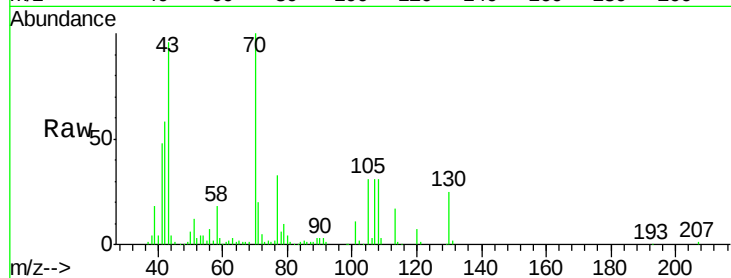
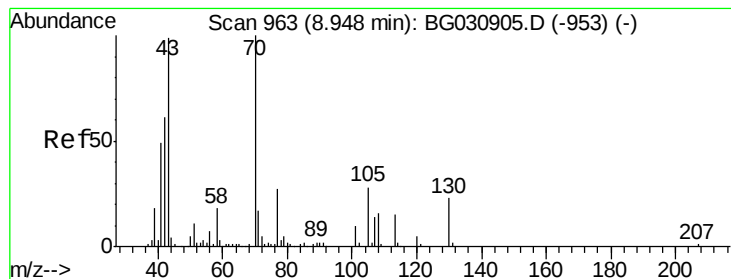
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 41.17 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.9	49.1	73.7	
101	11.4	8.5	12.7	
130	24.7	13.4	20.0	#

Instrument :

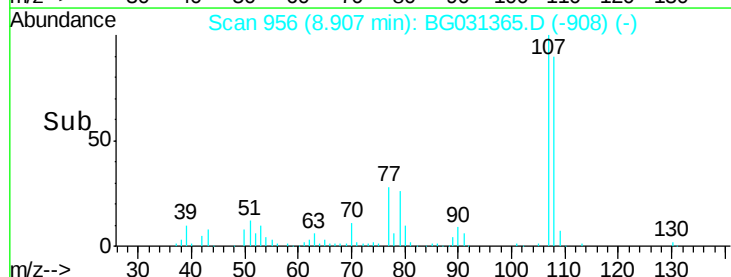
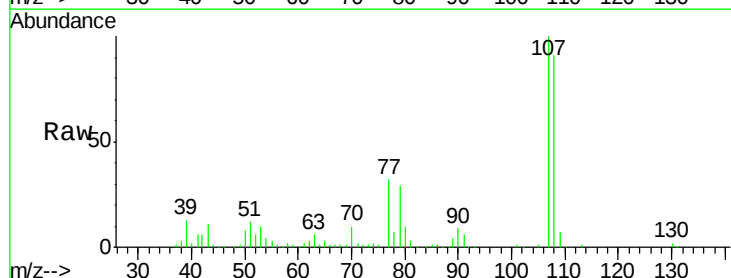
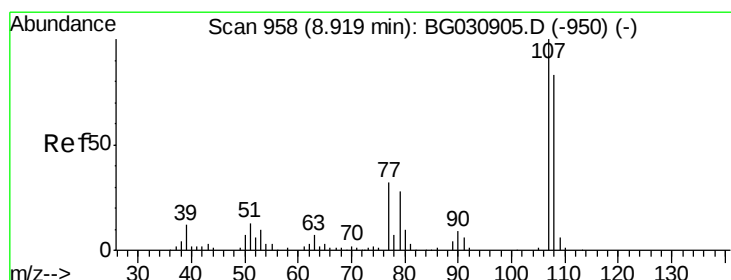
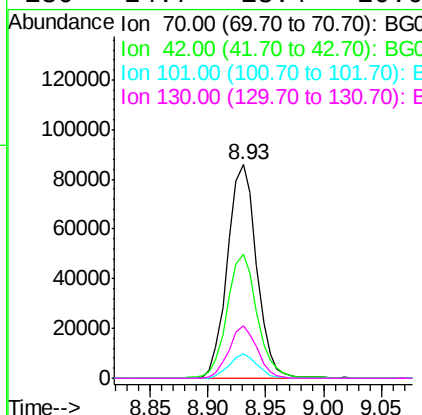
BNA_G

ClientSampleId :

IDOC-SOIL-1

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#20

3+4-Methylphenols

Concen: 50.05 ng

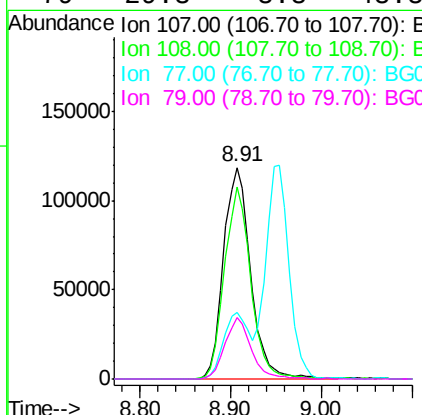
RT: 8.91 min Scan# 956

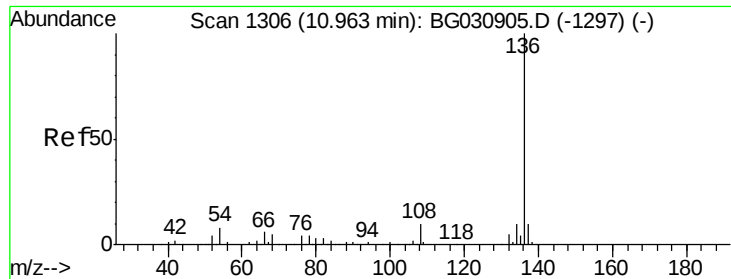
Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	61.6	101.6	
77	31.7	13.9	53.9	
79	29.3	8.8	48.8	





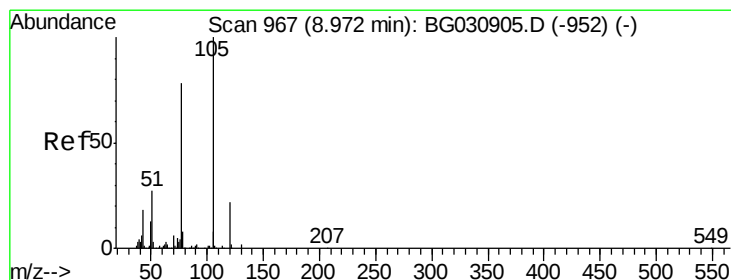
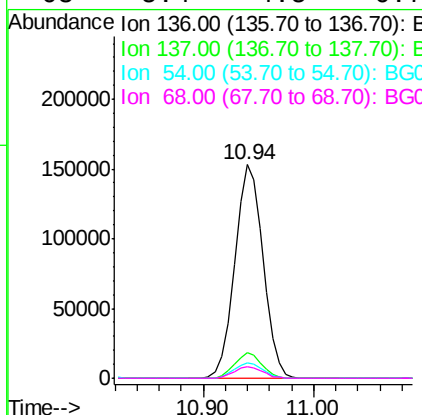
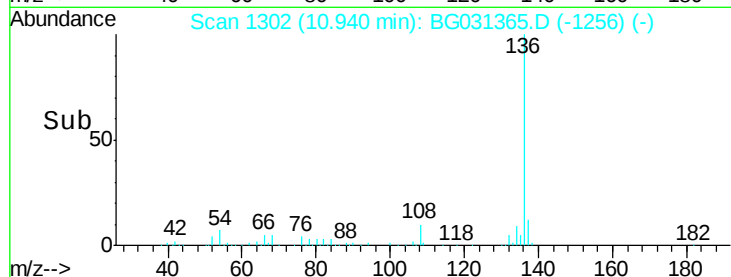
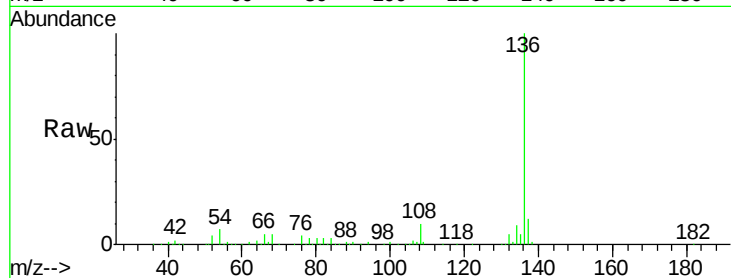
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	275029		
137	11.8	9.2	13.8	
54	7.4	10.3	15.5	
68	5.4	4.5	6.7	

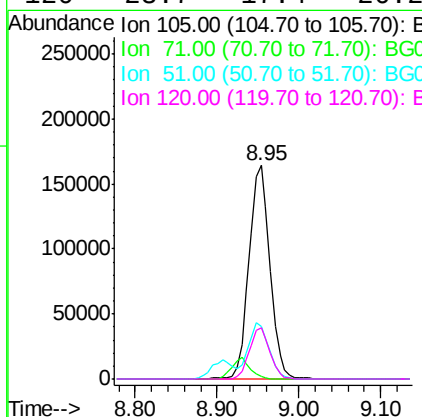
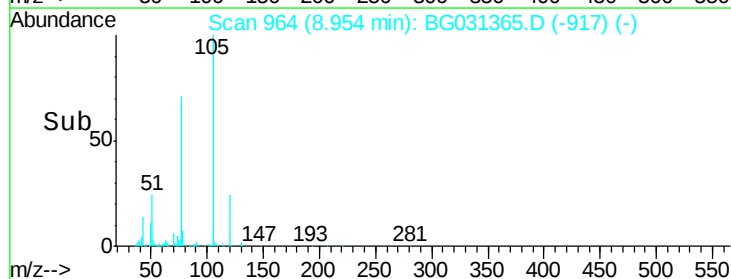
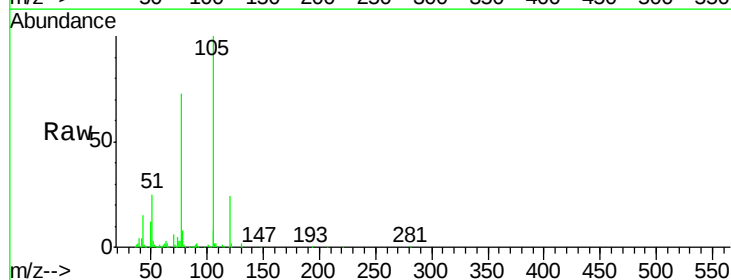
Manual Integrations
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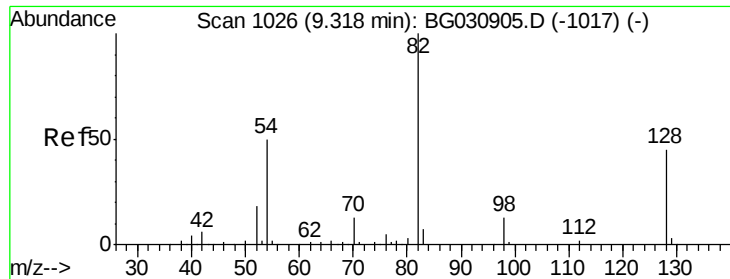
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#22
Acetophenone
Concen: 42.77 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	292900		
71	1.0	3.0	4.4	
51	24.7	26.1	39.1	
120	23.7	17.4	26.2	





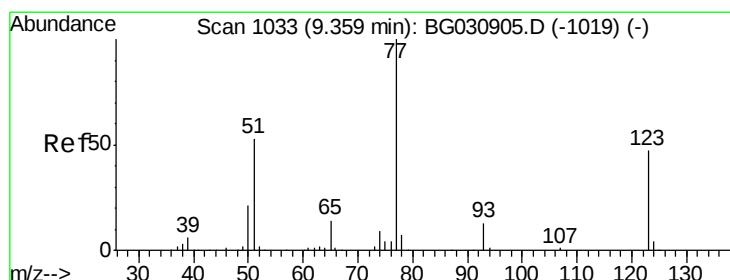
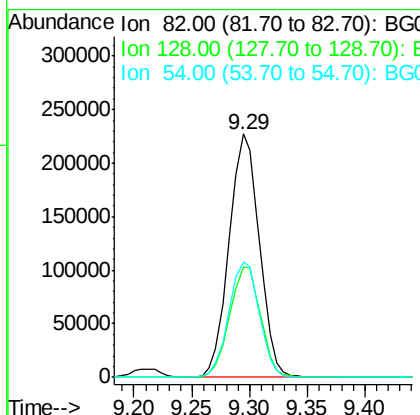
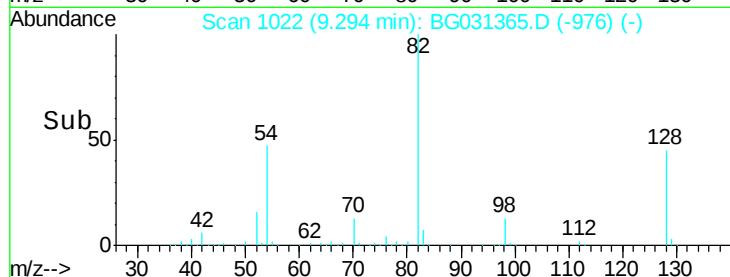
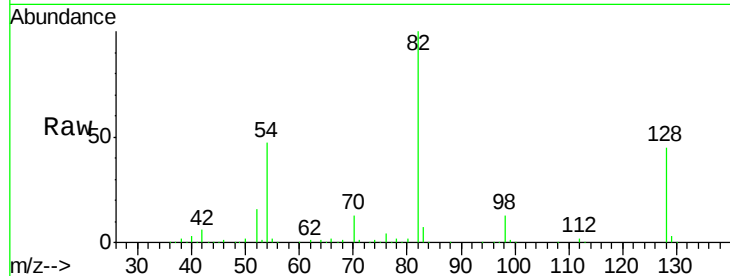
#23
Nitrobenzene-d5
Concen: 88.96 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	29.7	44.5#	
54	47.4	43.1	64.7	

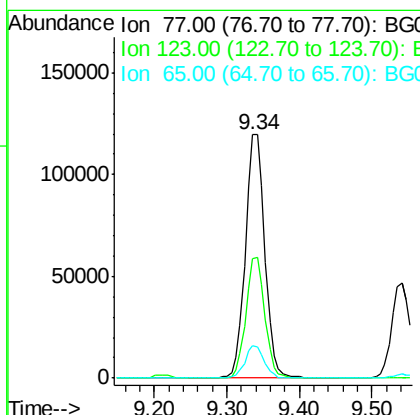
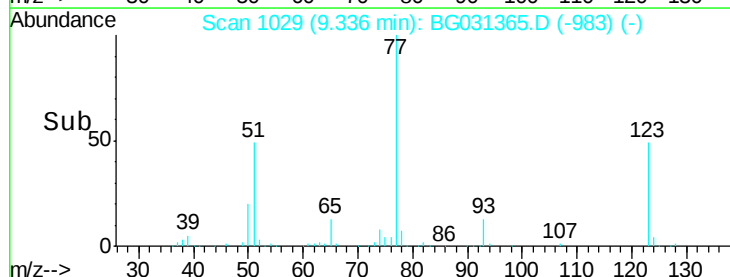
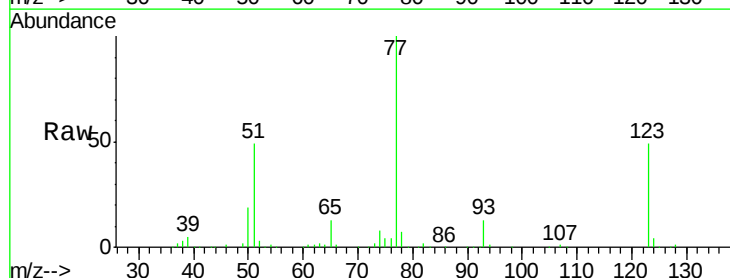
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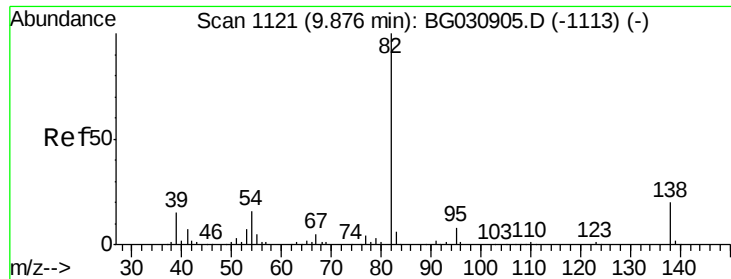
Sohil
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#24
Nitrobenzene
Concen: 47.01 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.2	33.0	49.6	
65	13.1	13.0	19.6	





#25

Isophorone

Concen: 48.18 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

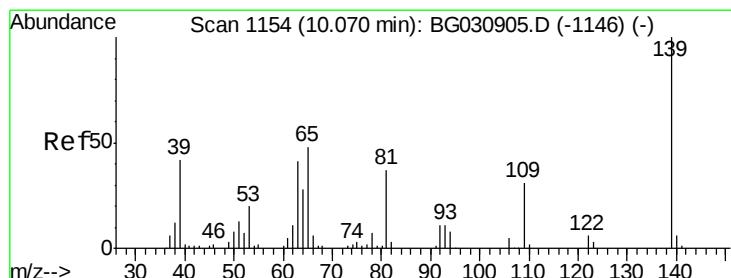
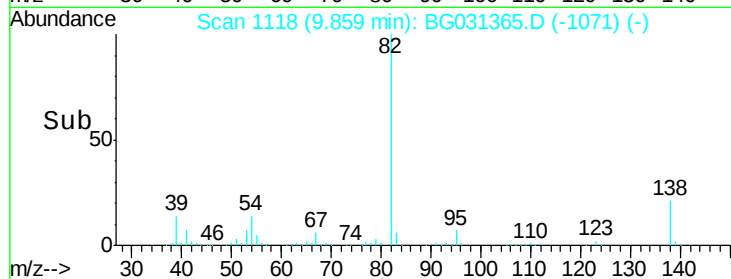
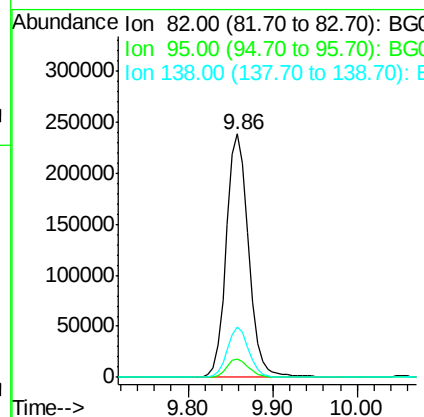
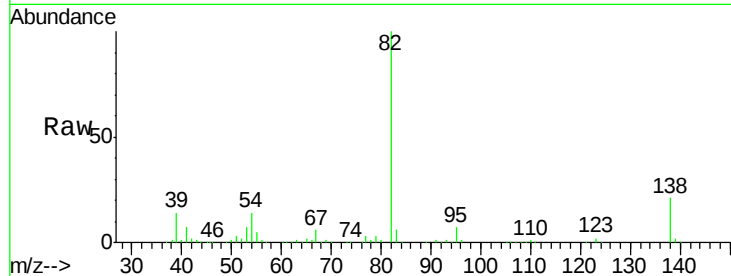
ClientSampleId :

IDOC-SOIL-1

Tot Ion	82	Resp	436161
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	20.5	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.92 ng

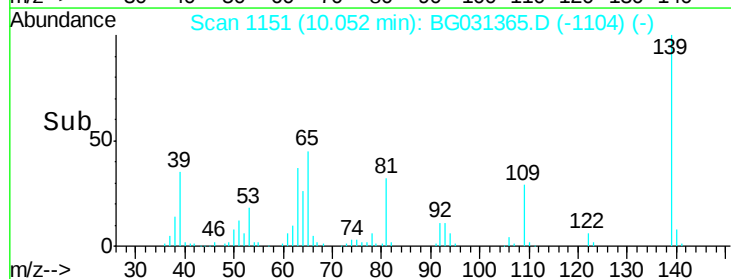
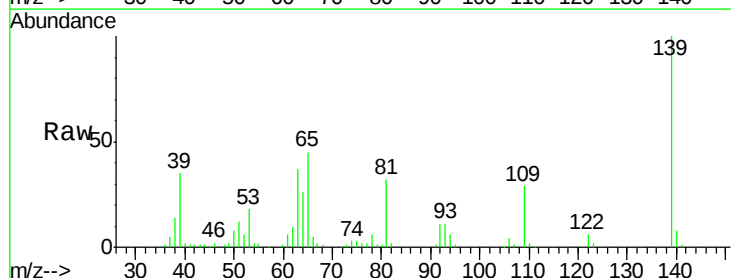
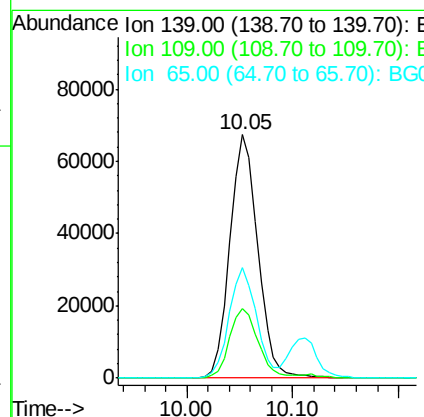
RT: 10.05 min Scan# 1151

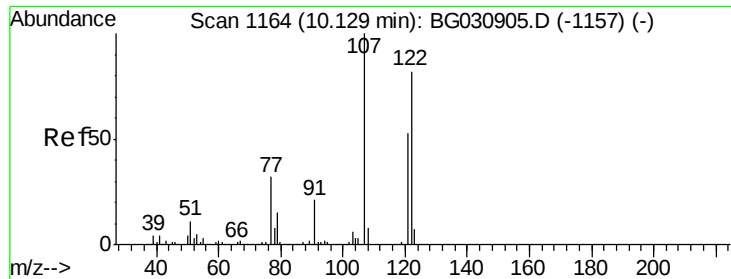
Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion	139	Resp	123357
Ion Ratio	Lower	Upper	
139	100		
109	28.8	24.2	36.2
65	45.2	47.4	71.0#





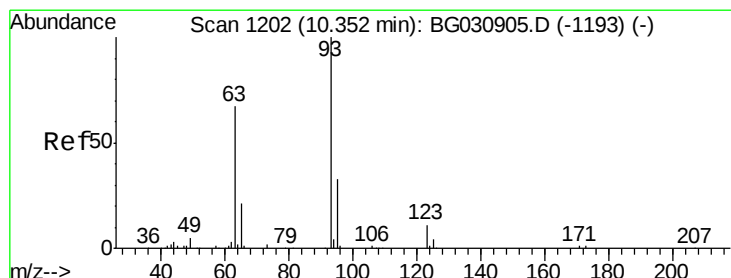
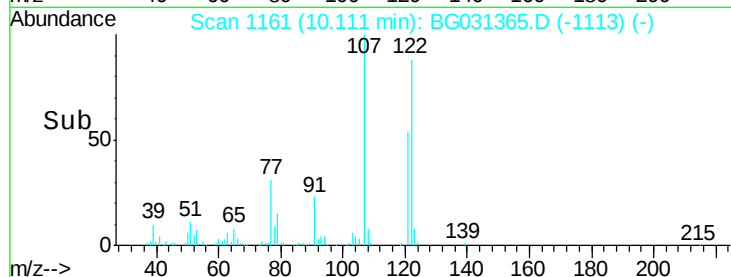
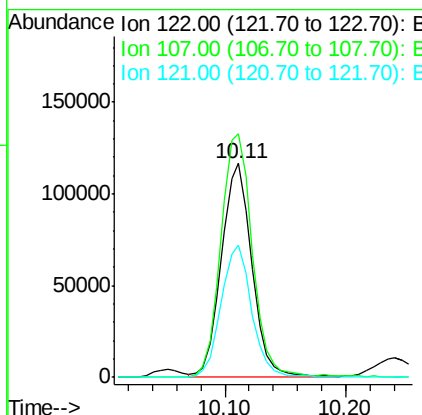
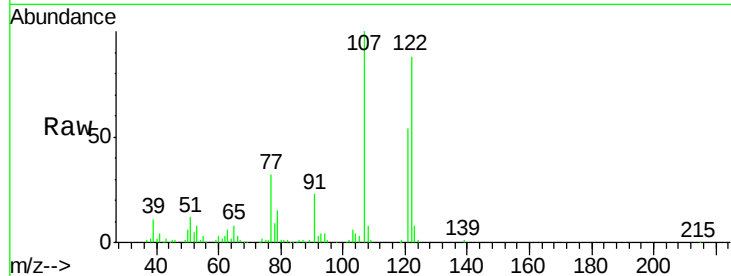
#27
 2,4-Dimethylphenol
 Concen: 55.31 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		202941		
107	113.7	100.2	150.2		
121	61.5	44.4	66.6		

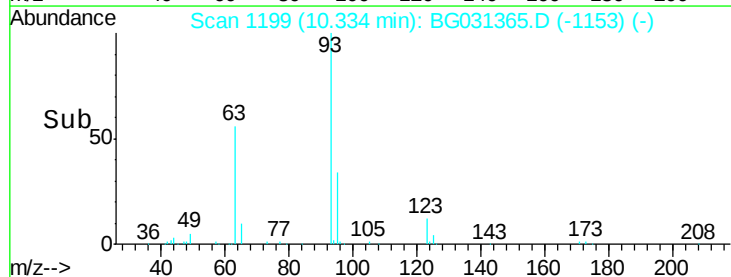
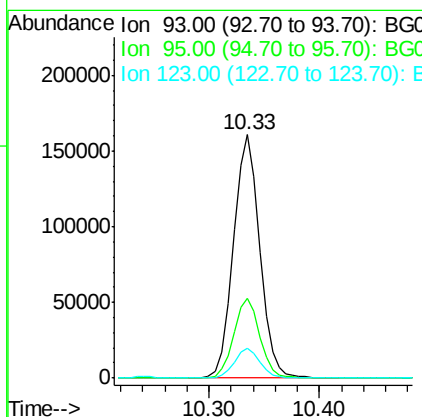
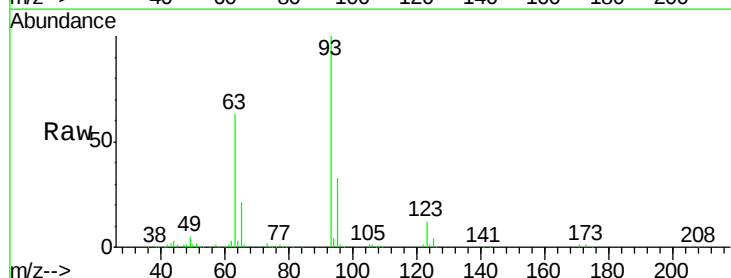
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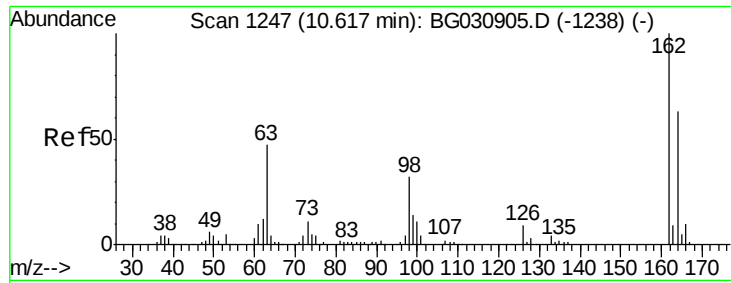
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.26 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		269425		
95	32.7	24.3	36.5		
123	12.3	8.4	12.6		





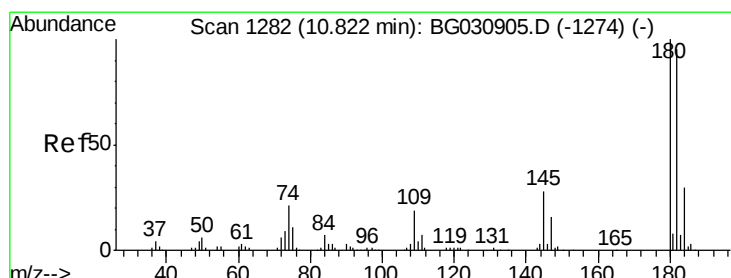
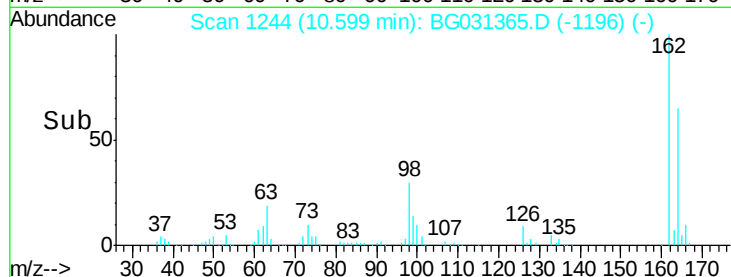
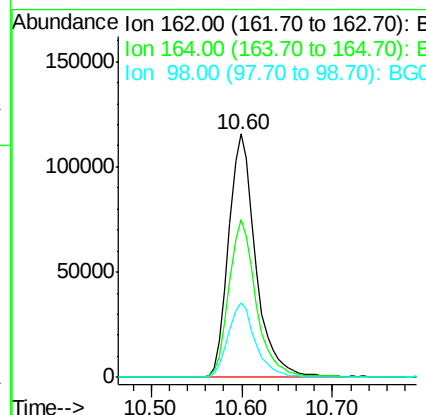
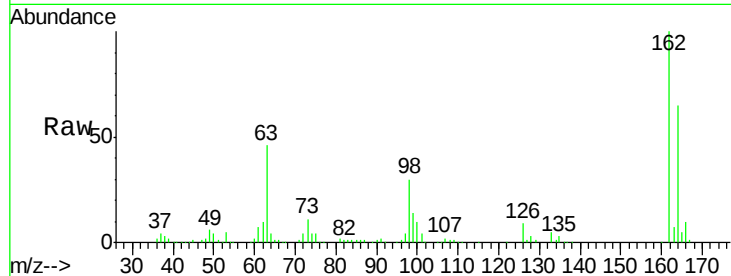
#29
 2,4-Dichlorophenol
 Concen: 54.54 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	48.0	88.0
98	30.4	21.1	61.1

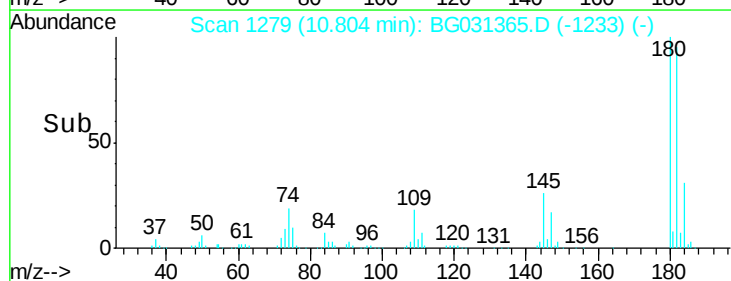
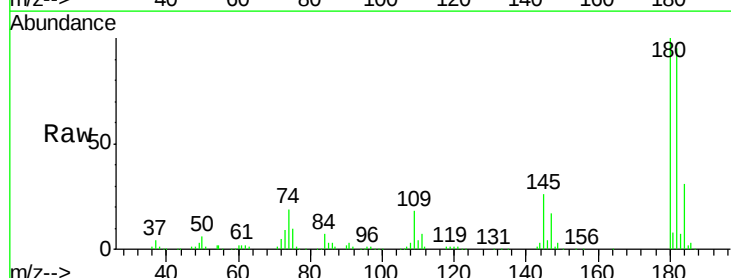
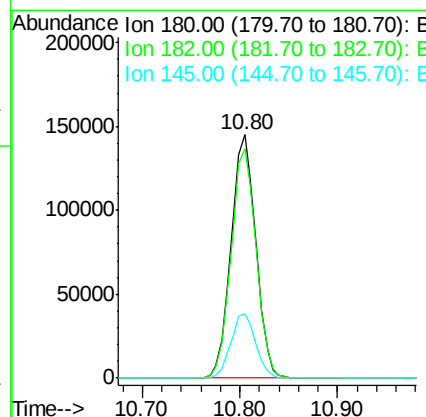
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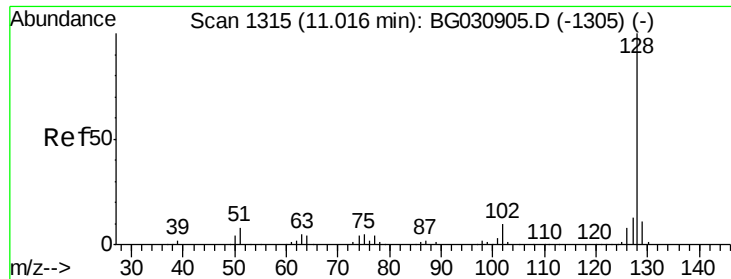
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.34 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	77.5	116.3
145	26.5	23.4	35.2





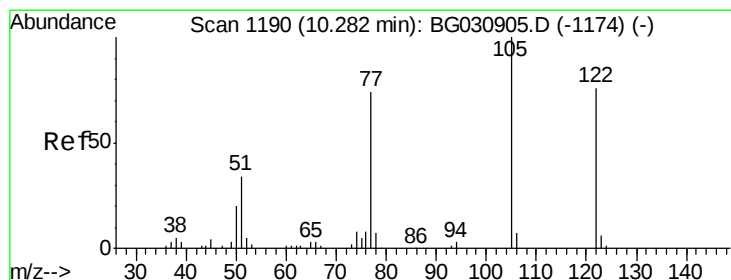
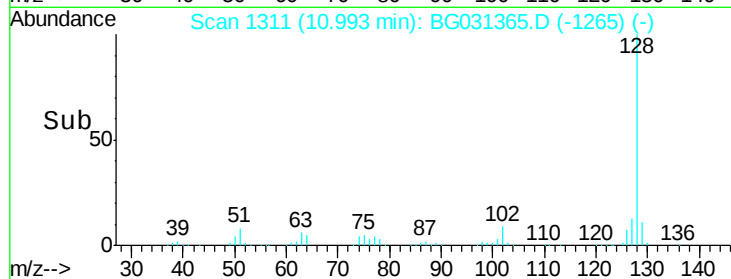
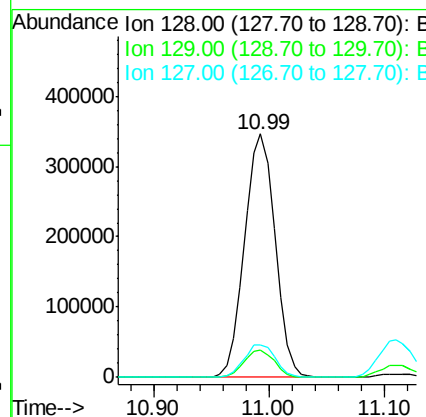
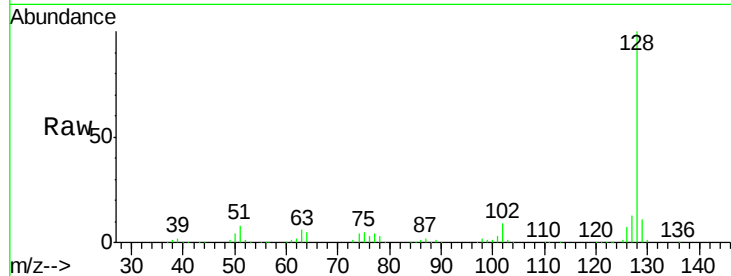
#31
Naphthalene
Concen: 47.25 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.4	11.6	17.4

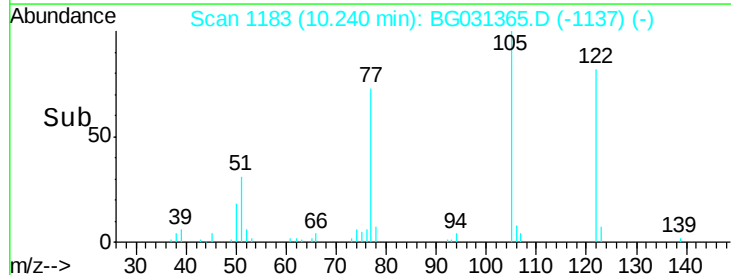
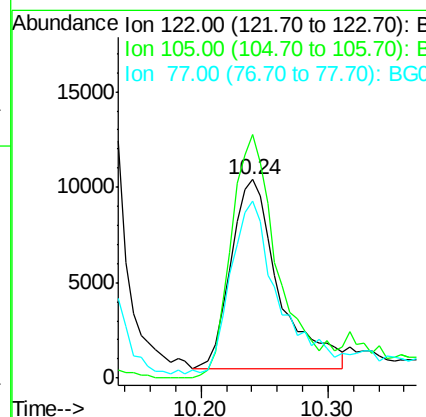
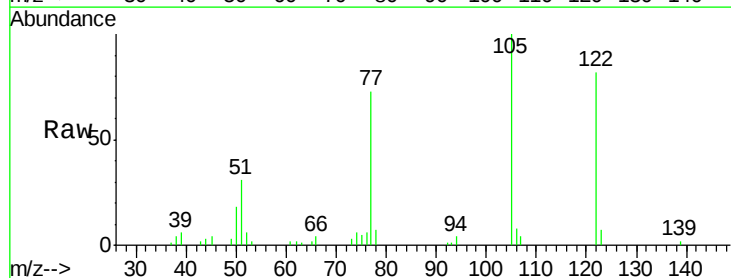
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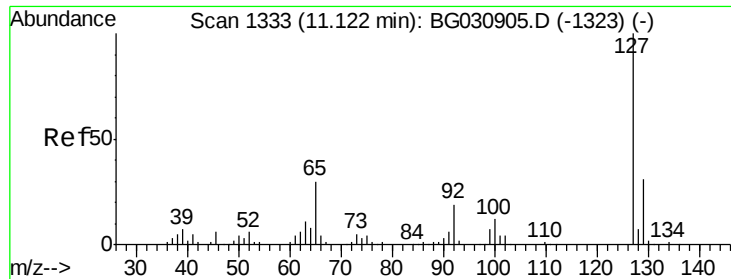
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#32
Benzoic acid
Concen: 13.24 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	122.5	123.5	163.5#
77	89.1	85.7	125.7





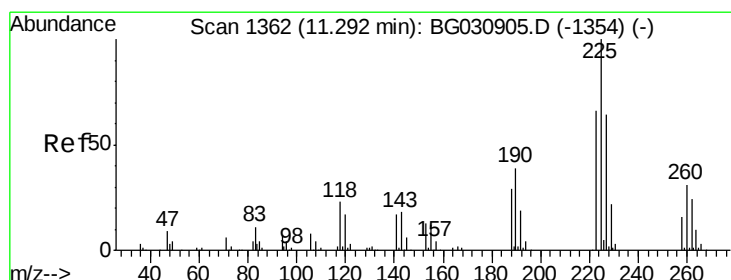
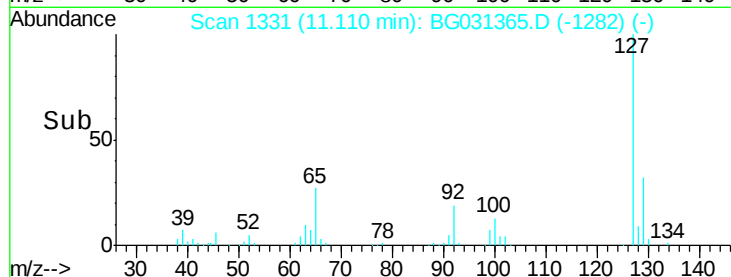
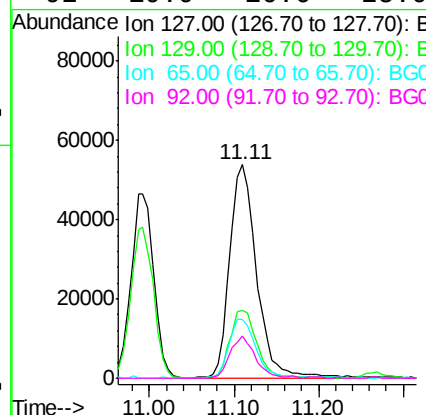
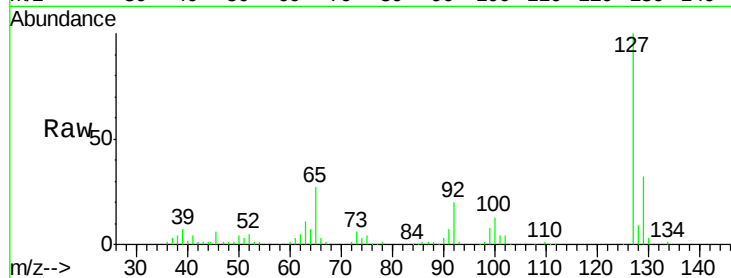
#33
4-Chloroaniline
Concen: 20.09 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	24.0	36.0
65	27.3	27.0	40.4
92	19.9	16.6	25.0

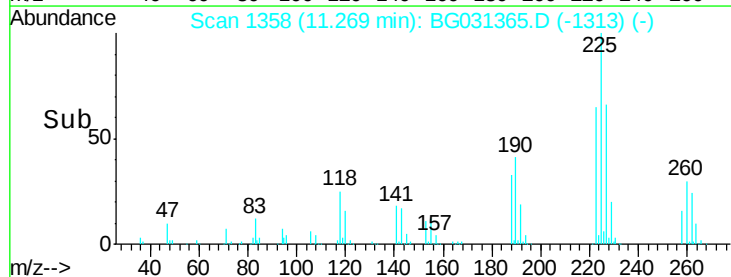
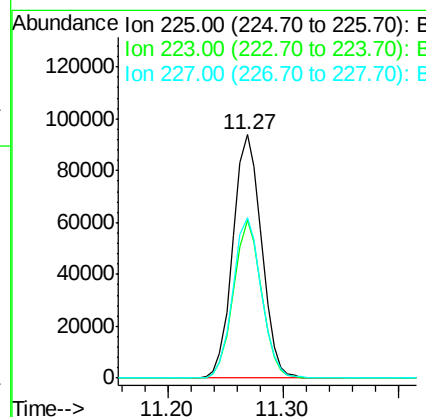
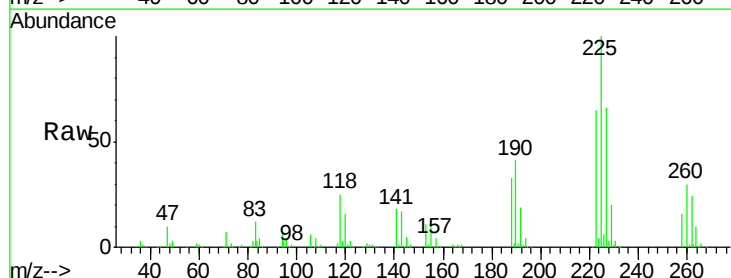
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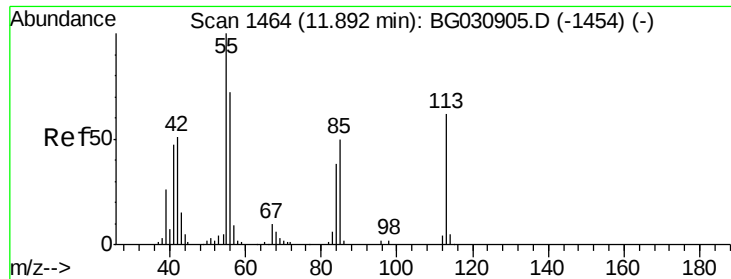
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#34
Hexachlorobutadiene
Concen: 44.24 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.9	49.7	74.5
227	66.1	48.1	72.1





#35

Caprolactam

Concen: 39.46 ng/mL

RT: 11.89 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

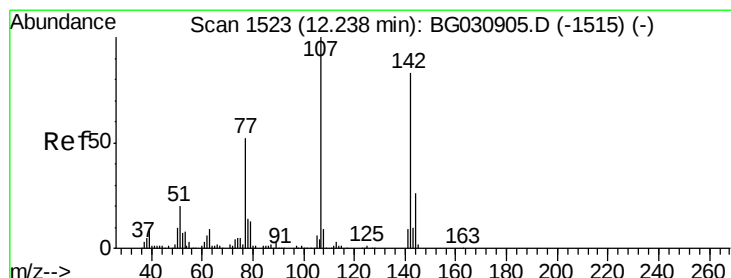
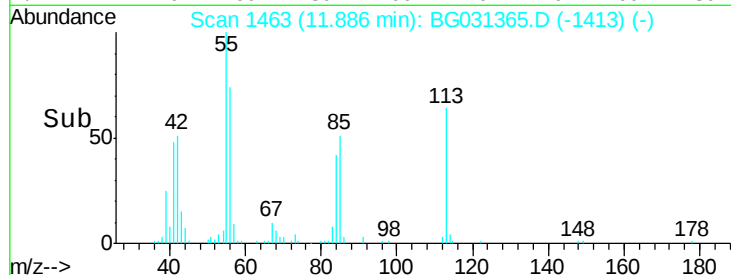
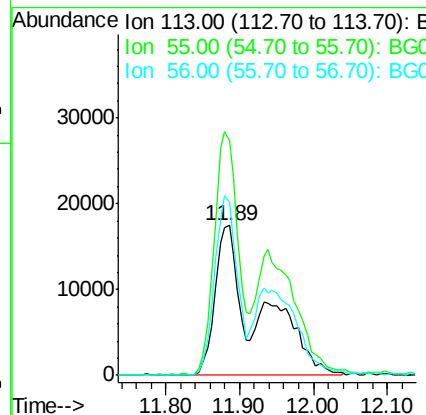
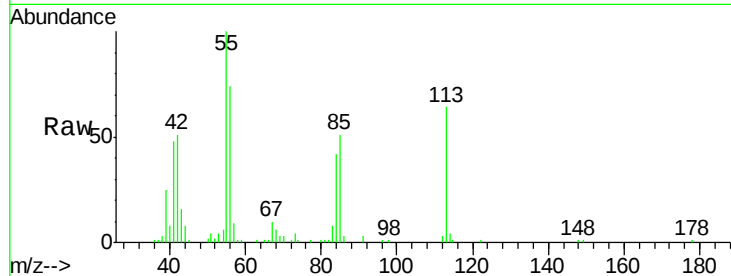
ClientSampled :

IDOC-SOIL-1

Tot Ion:	113	Resp:	71025
Ion Ratio	Lower	Upper	
113	100		
55	156.4	186.9	226.9#
56	115.2	130.9	170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 50.56 ng/mL

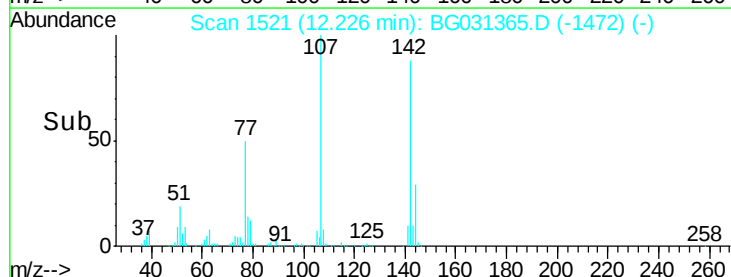
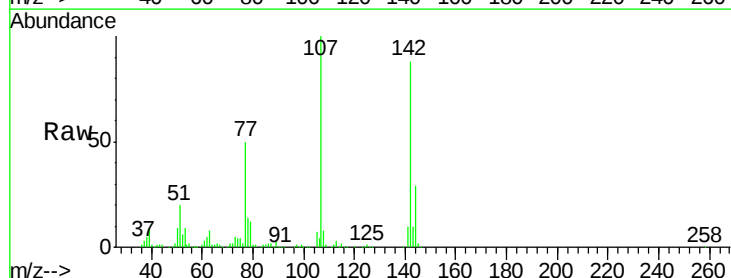
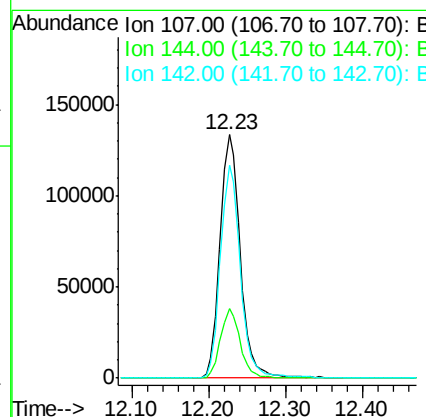
RT: 12.23 min Scan# 1521

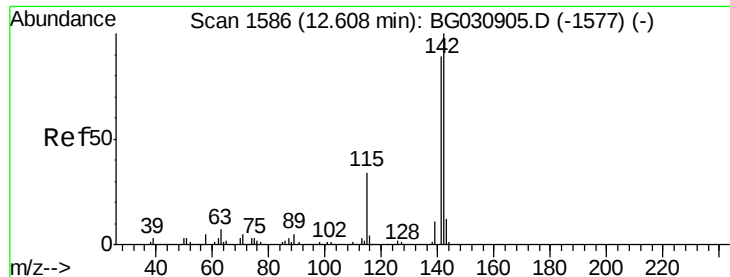
Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	107	Resp:	242427
Ion Ratio	Lower	Upper	
107	100		
144	28.5	18.2	27.4#
142	87.6	59.0	88.4





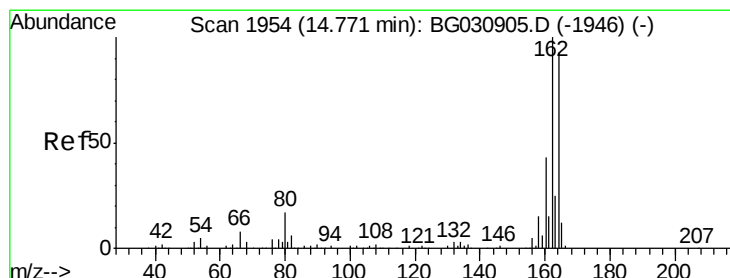
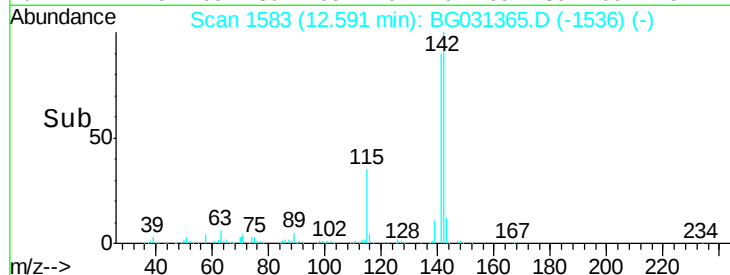
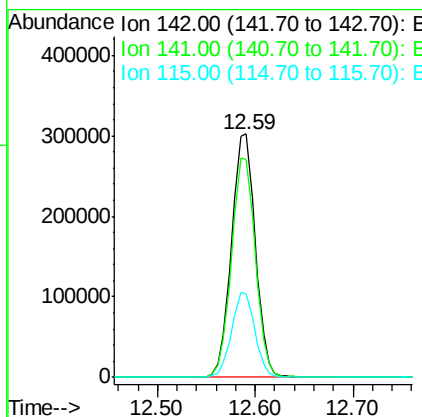
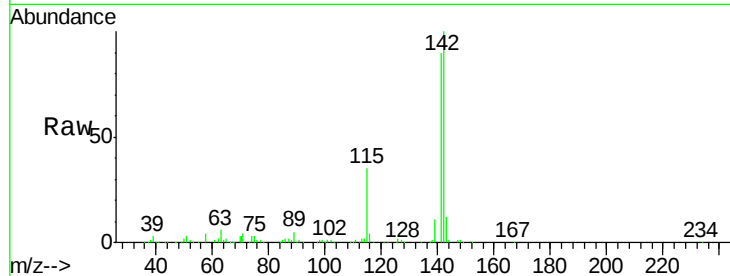
#37
2-Methylnaphthalene
Concen: 49.20 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	34.6	30.7	46.1

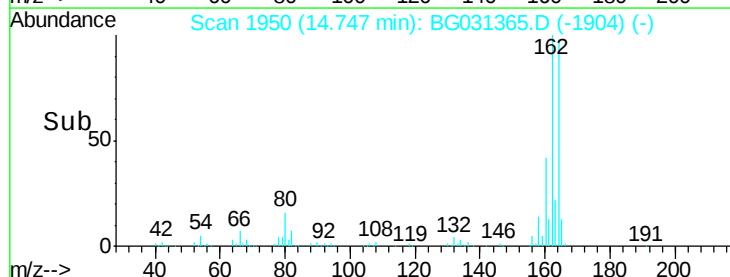
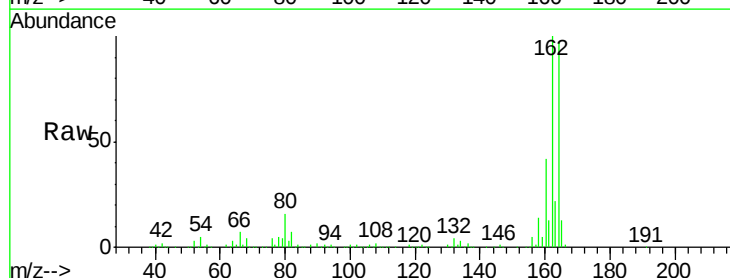
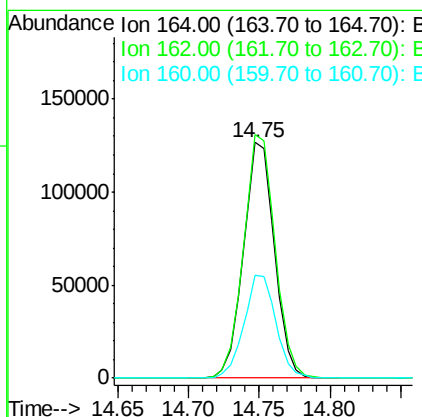
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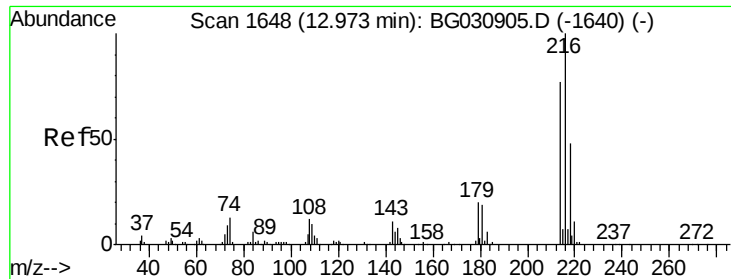
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	43.6	35.4	53.0





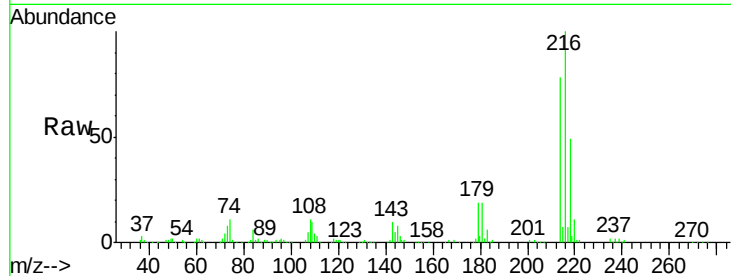
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.68 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

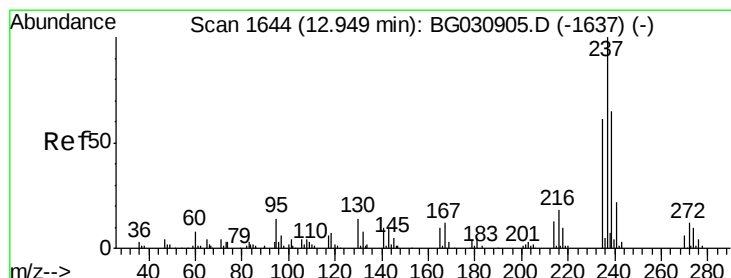
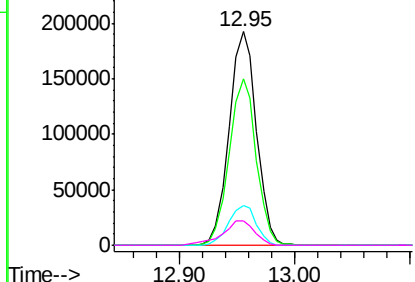
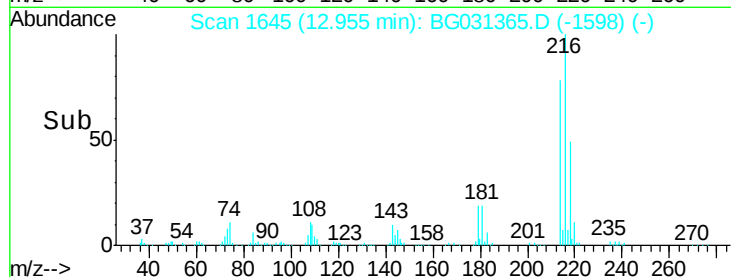
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.2	63.0	94.4	
179	19.0	17.0	25.6	
108	13.6	12.8	19.2	

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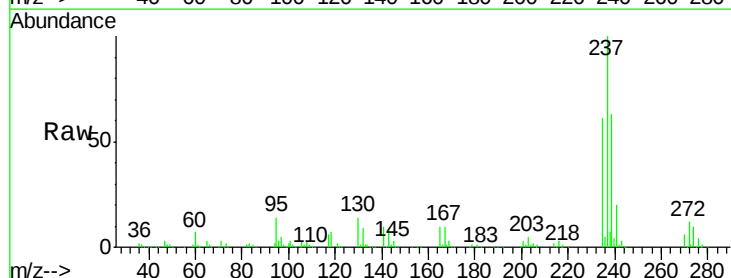


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

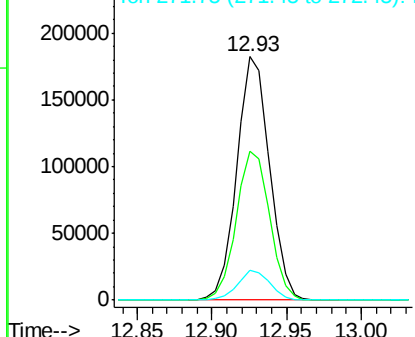
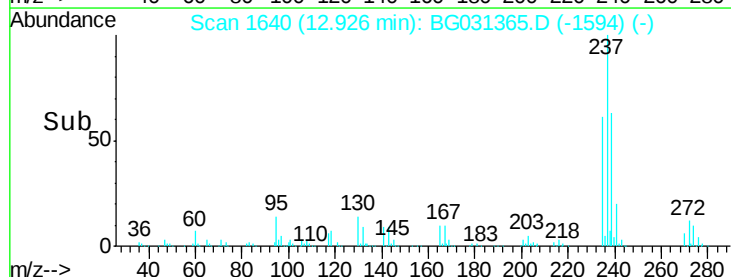


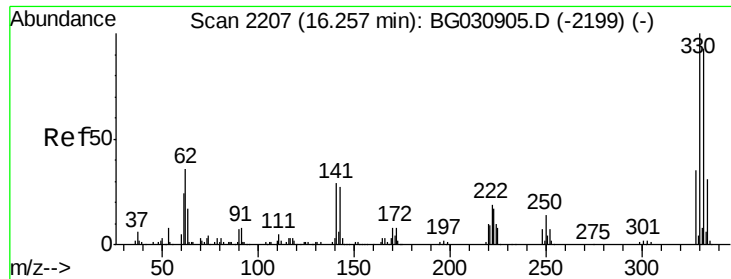
#40
 Hexachlorocyclopentadiene
 Concen: 94.90 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.3	50.4	90.4	
272	12.4	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





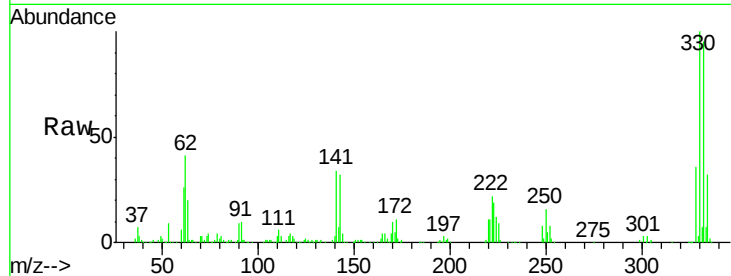
#41
 2,4,6-Tribromophenol
 Concen: 115.18 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

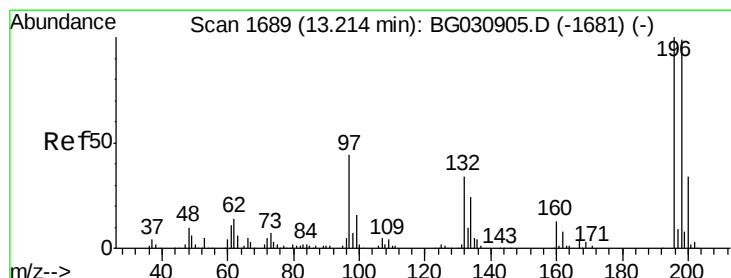
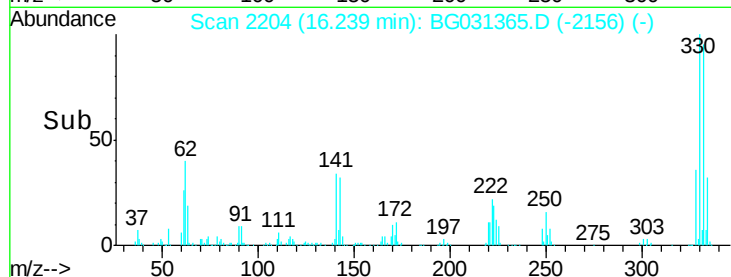
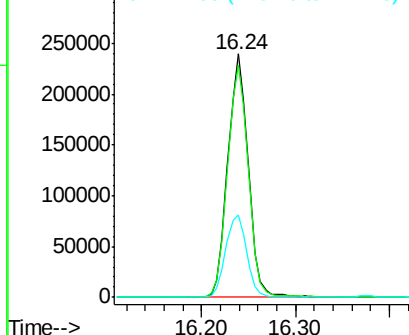
Tot Ion	Ratio	Resp	Lower	Upper
330	100	362250		
332	97.0	77.0	115.6	
141	35.2	25.2	37.8	

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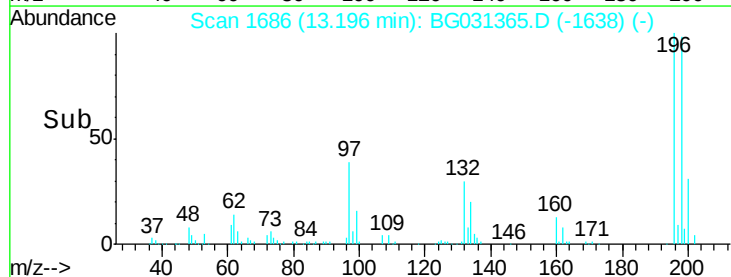
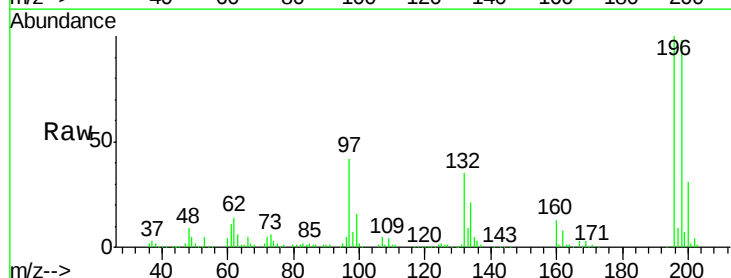
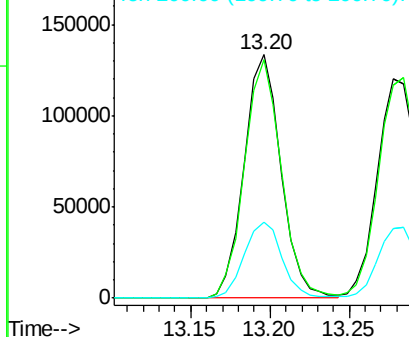
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

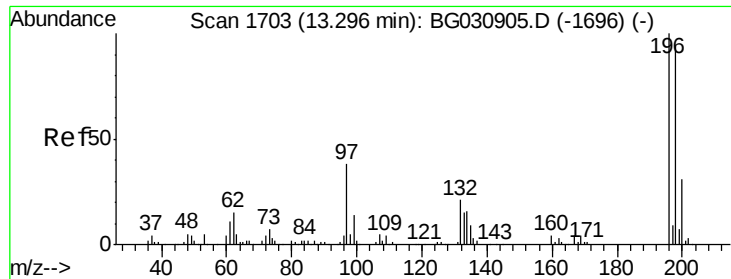


#42
 2,4,6-Trichlorophenol
 Concen: 49.14 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216765		
198	97.9	78.2	117.2	
200	31.0	24.6	36.8	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





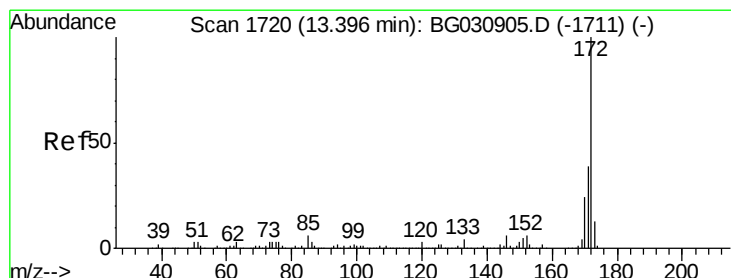
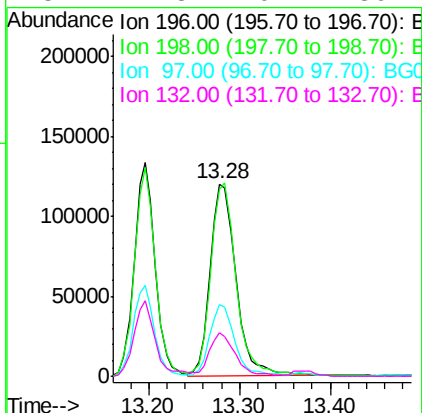
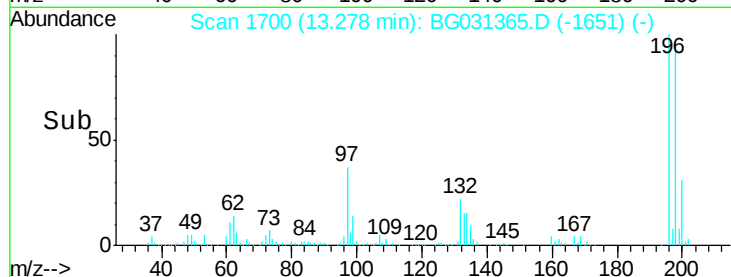
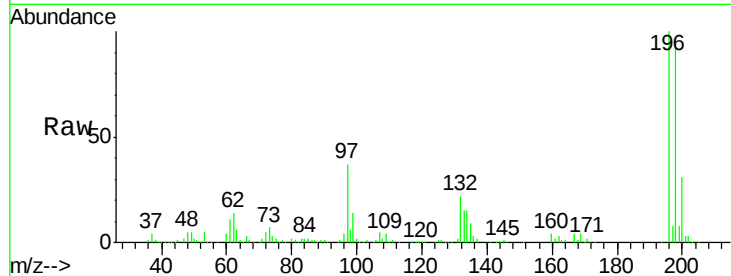
#43
2,4,5-Trichlorophenol
Concen: 48.92 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
196	100	236108		
198	97.2	76.2	114.4	
97	37.5	38.7	58.1	
132	22.3	20.2	30.2	

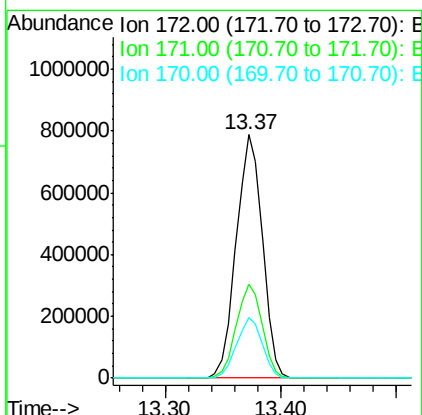
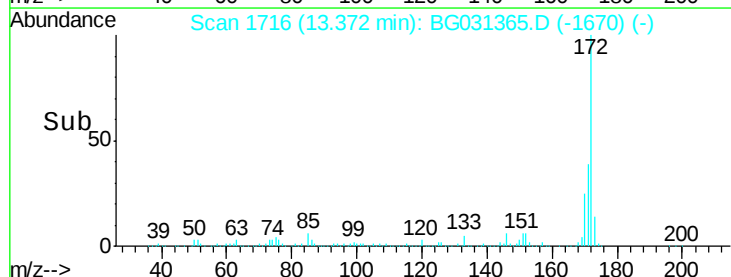
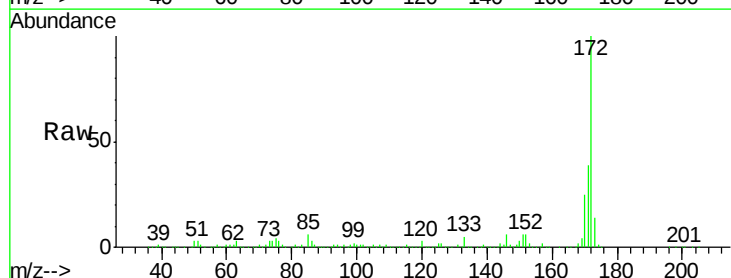
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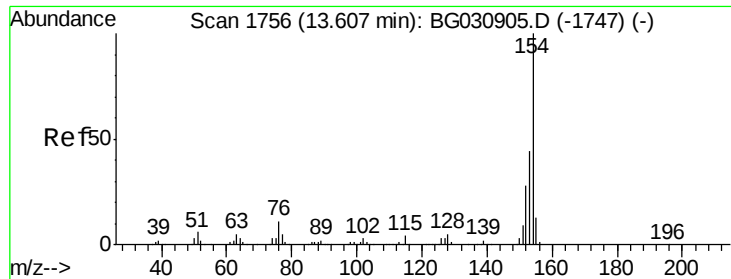
Sohil
12/5/2017 3:26:54 PM



#44
2-Fluorobiphenyl
Concen: 91.23 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1234341		
171	38.6	30.0	45.0	
170	24.9	19.5	29.3	





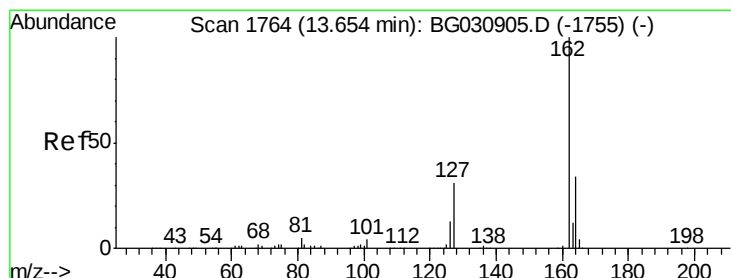
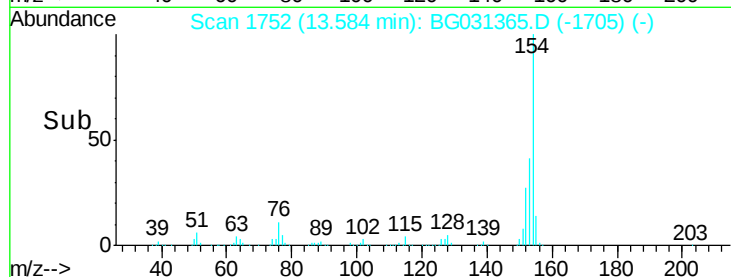
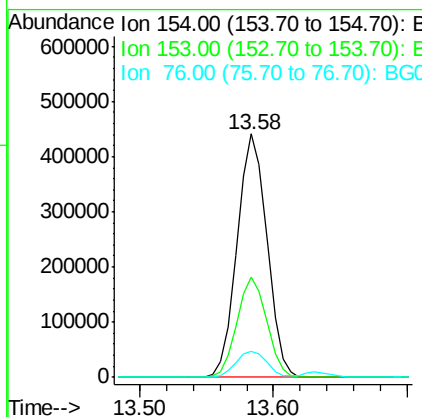
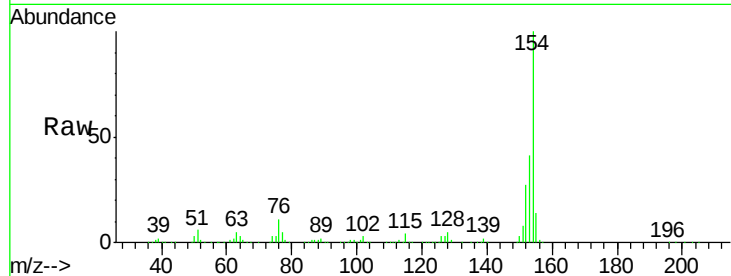
#45
 1,1'-Biphenyl
 Concen: 42.29 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion:	154	Resp:	681811
Ion Ratio		Lower	Upper
154	100		
153	41.1	19.8	59.8
76	10.9	0.0	31.9

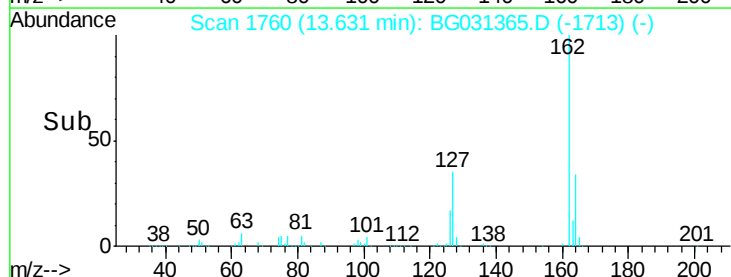
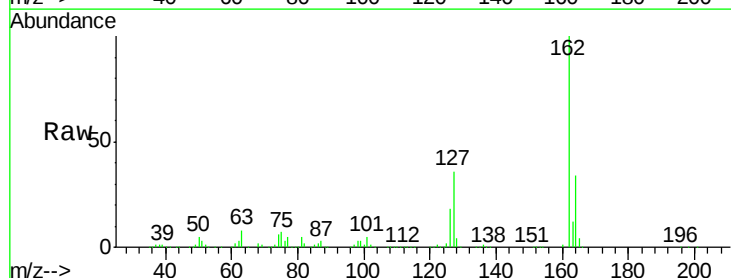
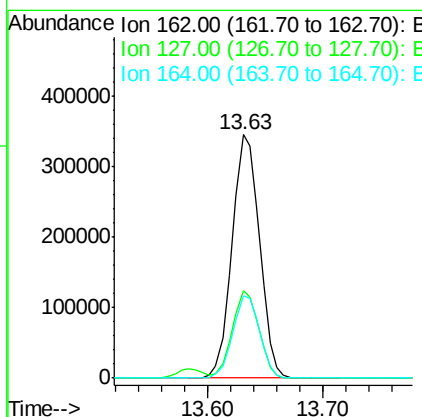
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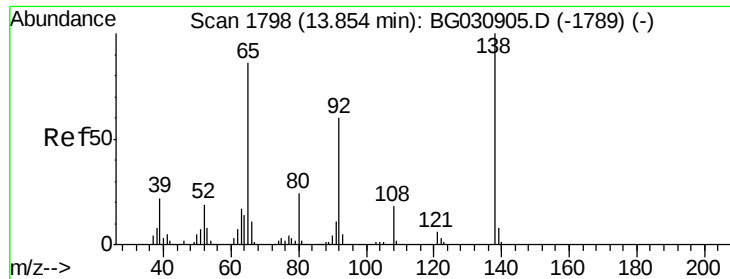
Sohil
 12/5/2017 3:26:54 PM



#46
 2-Chloronaphthalene
 Concen: 48.72 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:	162	Resp:	566700
Ion Ratio		Lower	Upper
162	100		
127	35.7	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 45.98 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

ClientSampleId :

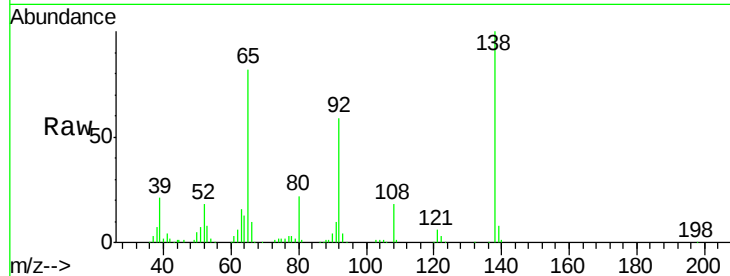
IDOC-SOIL-1

Tot Ion: 65 Resp: 158523
Ion Ratio Lower Upper

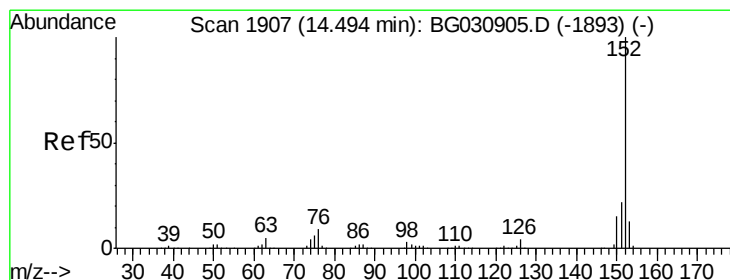
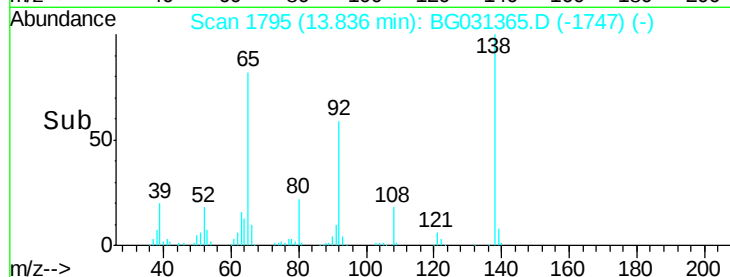
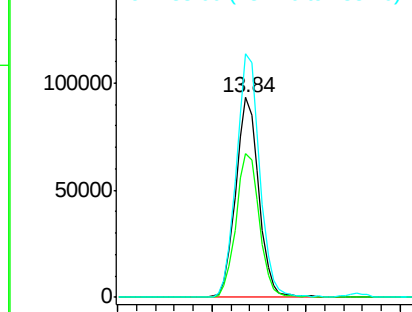
65	100		
92	71.8	54.6	82.0
138	121.8	72.9	109.3

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Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 45.38 ng

RT: 14.48 min Scan# 1904

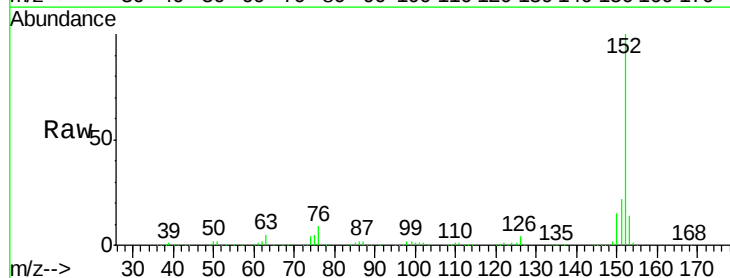
Delta R.T. -0.02 min

Lab File: BG031365.D

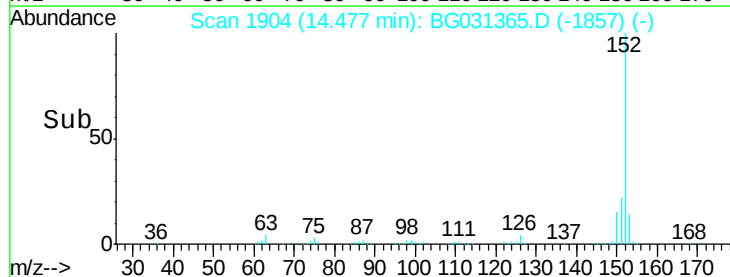
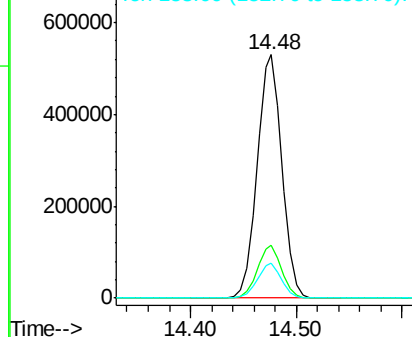
Acq: 5 Dec 2017 2:46

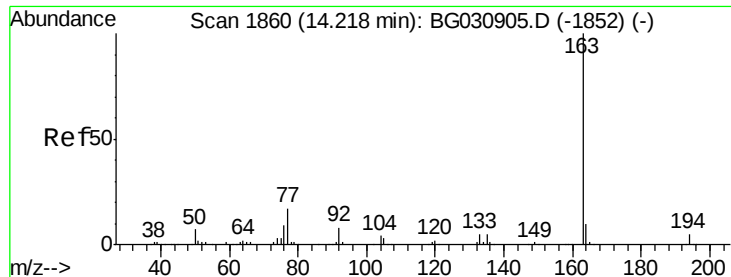
Tgt Ion: 152 Resp: 863989
Ion Ratio Lower Upper

152	100		
151	21.6	17.2	25.8
153	14.3	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





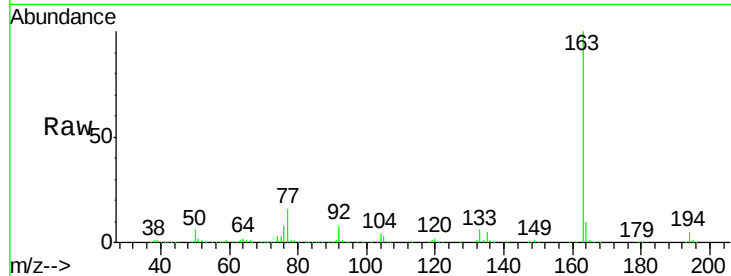
#49
Dimethylphthalate
Concen: 50.87 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

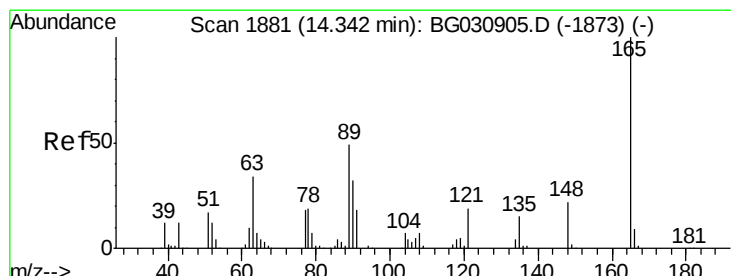
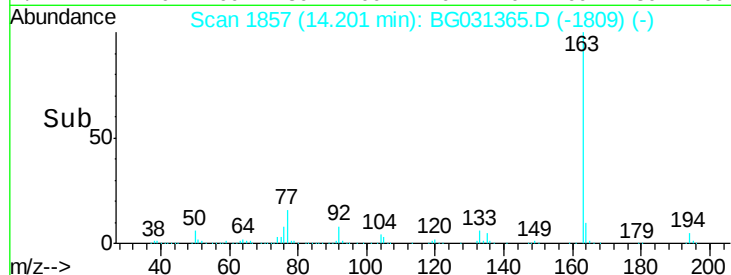
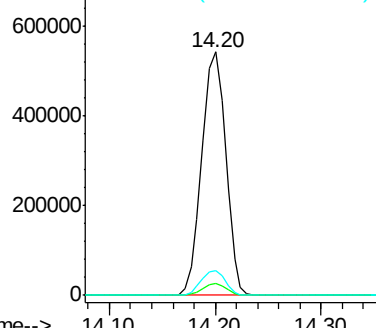
Tot Ion	Ratio	Resp	Lower	Upper
163	100	855159		
194	5.0		3.4	5.2
164	10.4		8.2	12.4

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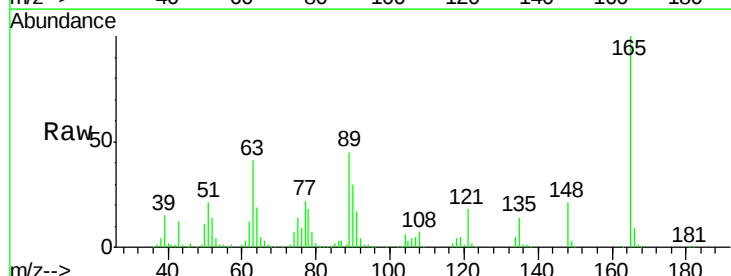


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

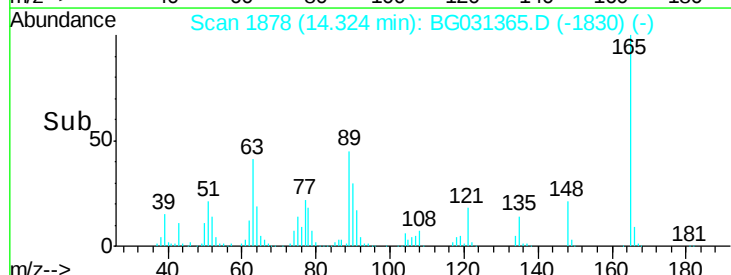
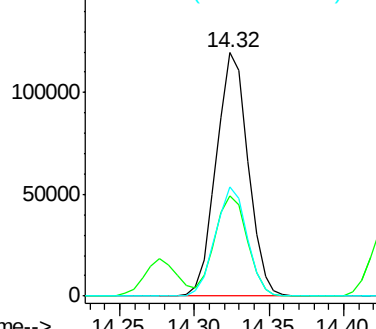


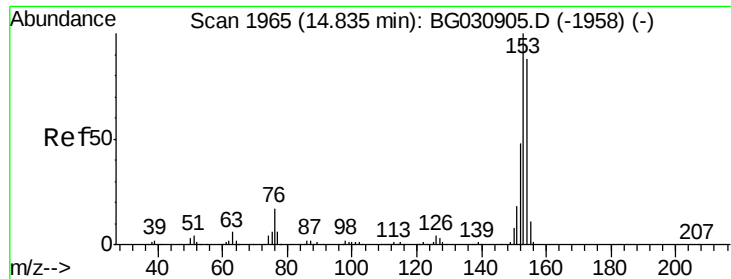
#50
2,6-Dinitrotoluene
Concen: 51.00 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176689		
63	41.2		52.7	79.1#
89	44.6		49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.56 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

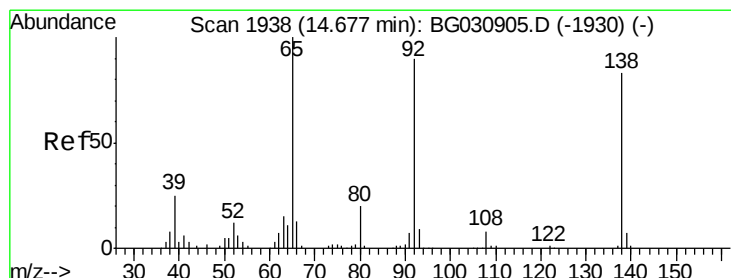
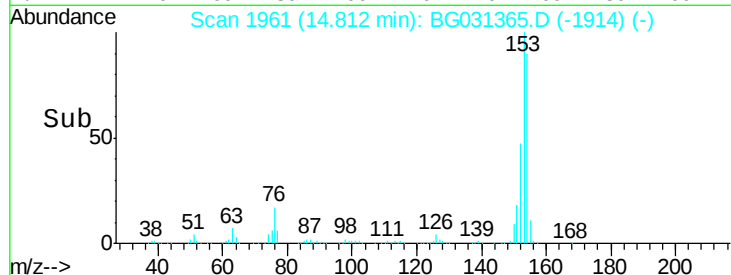
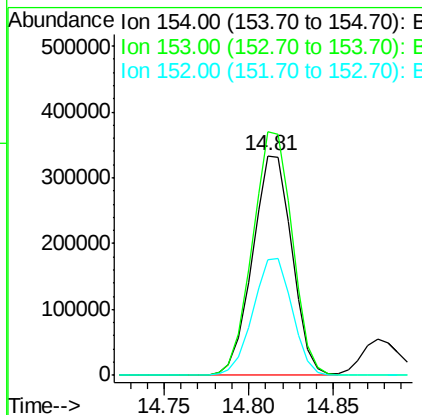
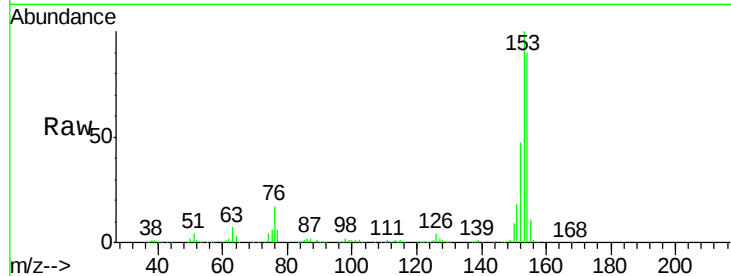
ClientSampled :

IDOC-SOIL-1

Tot Ion:	154	Resp:	541726
Ion Ratio	Lower	Upper	
154	100		
153	110.8	90.4	135.6
152	52.4	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.05 ng

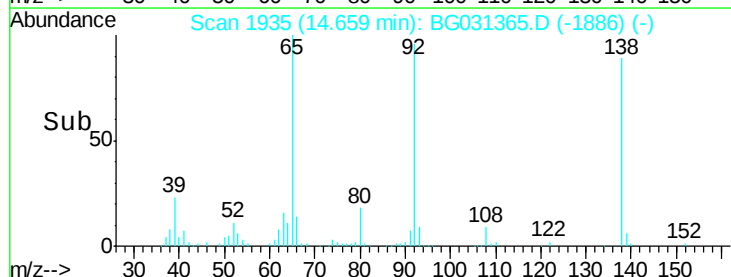
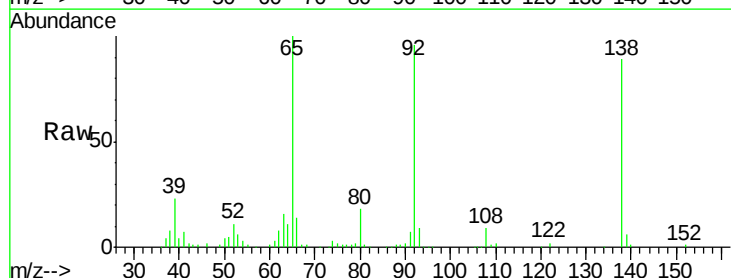
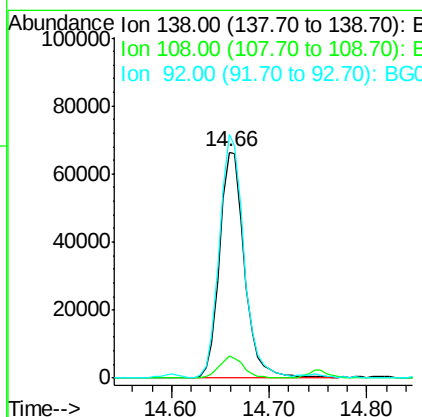
RT: 14.66 min Scan# 1935

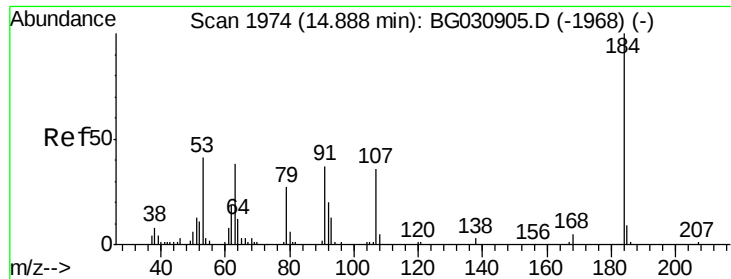
Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	138	Resp:	117903
Ion Ratio	Lower	Upper	
138	100		
108	9.7	17.5	26.3#
92	107.8	105.8	158.8





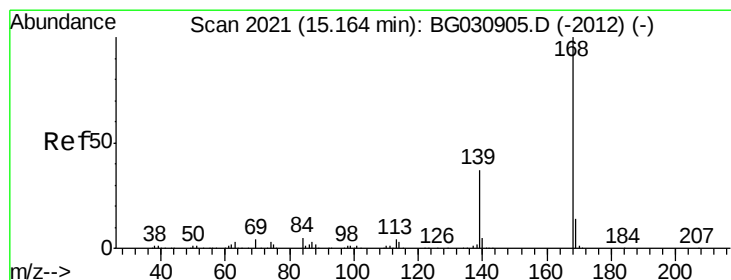
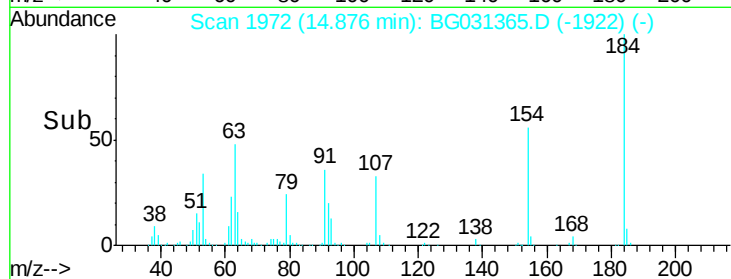
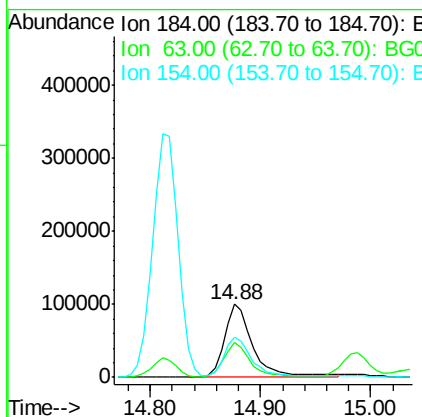
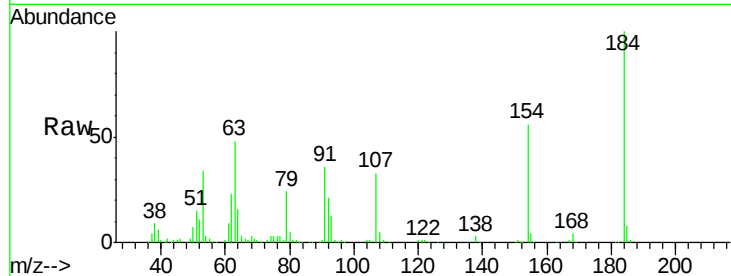
#53
2,4-Dinitrophenol
Concen: 94.79 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
184	100	182913		
63	48.1	59.8	89.8#	
154	55.6	101.8	152.8#	

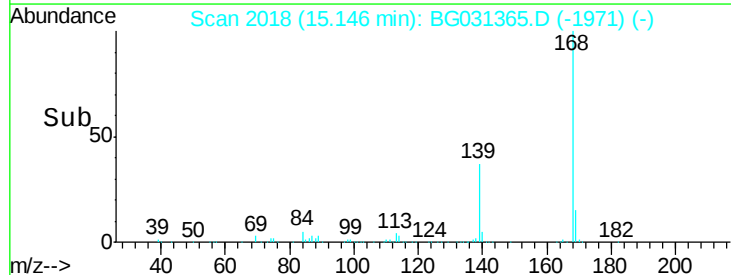
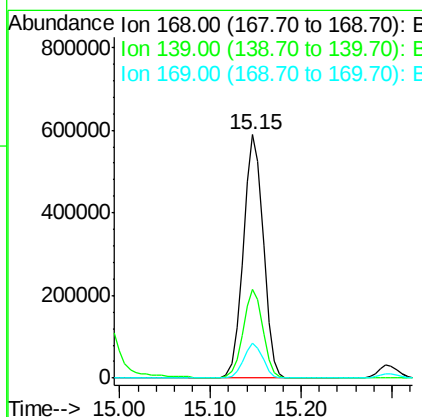
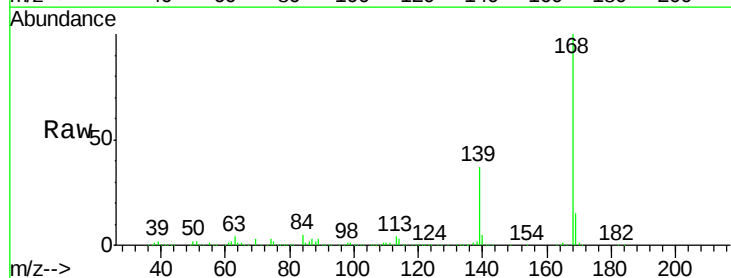
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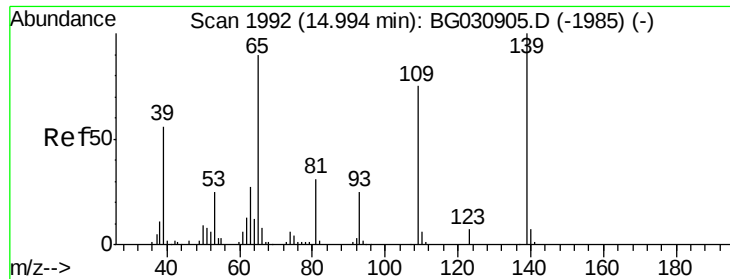
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#54
Dibenzofuran
Concen: 47.26 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	895066		
139	36.5	28.6	43.0	
169	14.5	11.2	16.8	





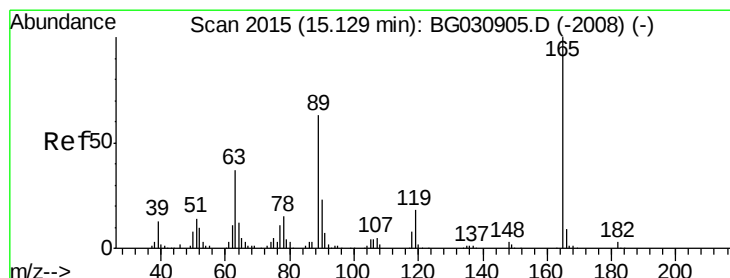
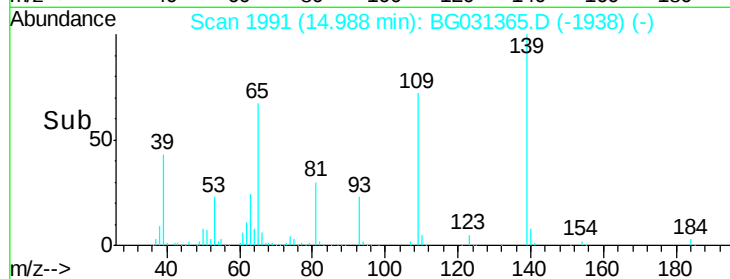
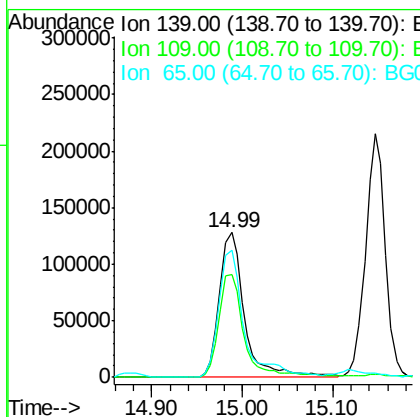
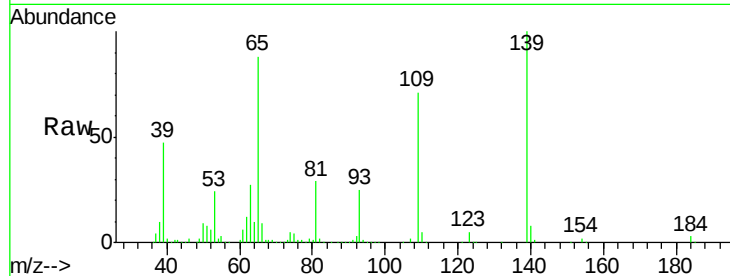
#55
4-Nitrophenol
Concen: 95.02 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
139	100	249005		
109	71.3	62.2	102.2	
65	87.8	97.2	137.2	

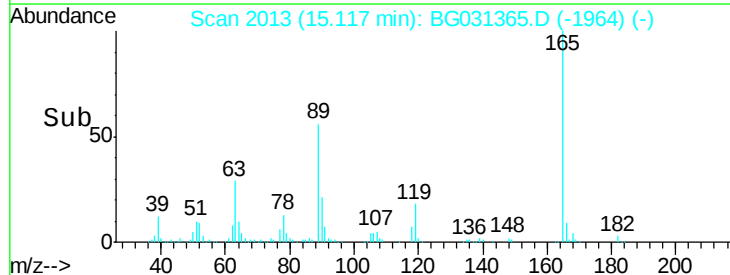
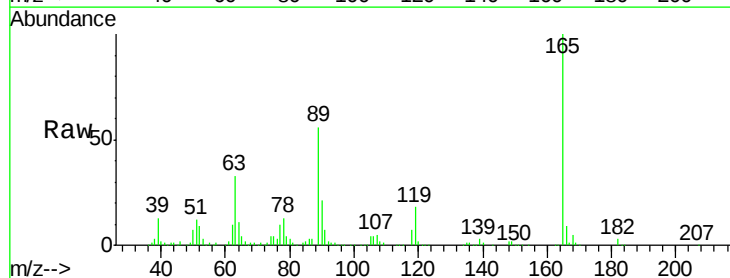
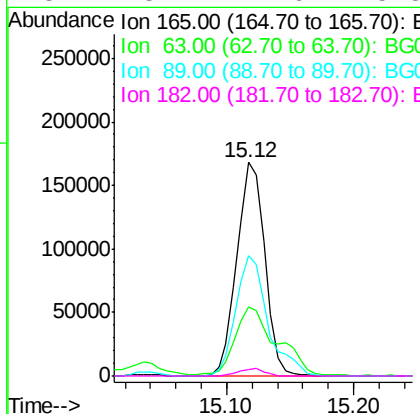
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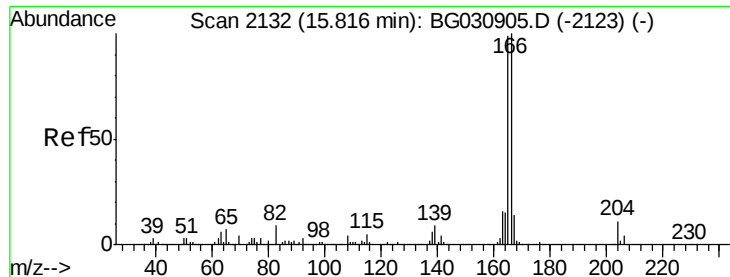
Sohil
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#56
2,4-Dinitrotoluene
Concen: 51.25 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	256709		
63	32.5	42.0	63.0	
89	56.3	66.9	100.3	
182	3.1	2.6	3.8	





#57

Fluorene

Concen: 46.79 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

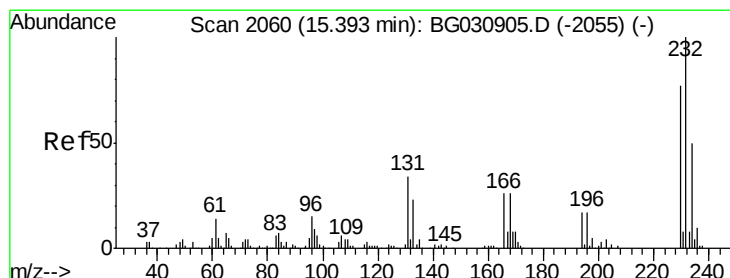
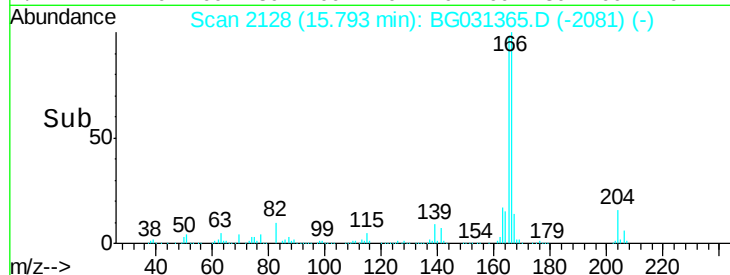
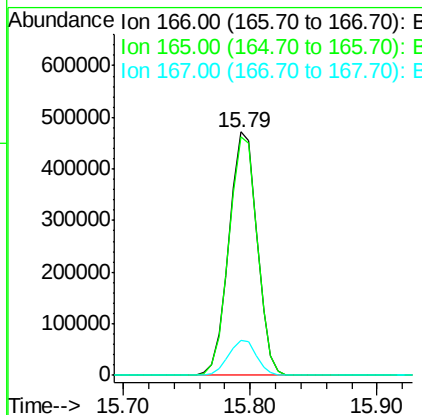
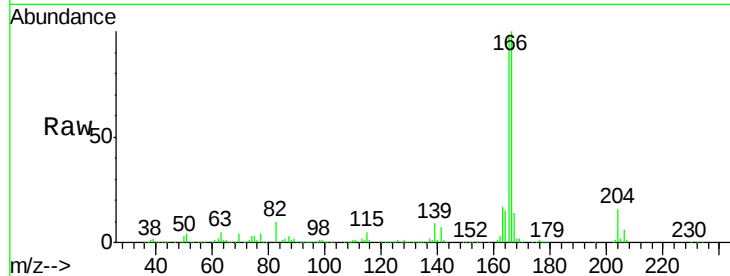
ClientSampleId :

IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.6	121.0
167	14.3	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.55 ng

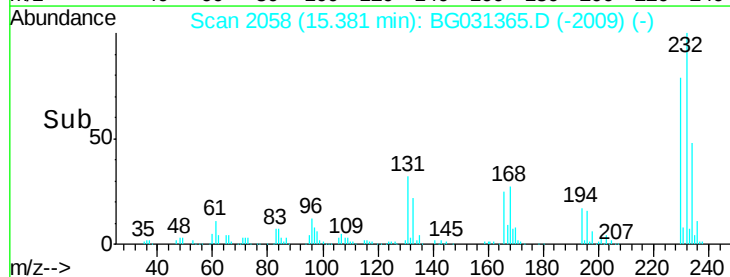
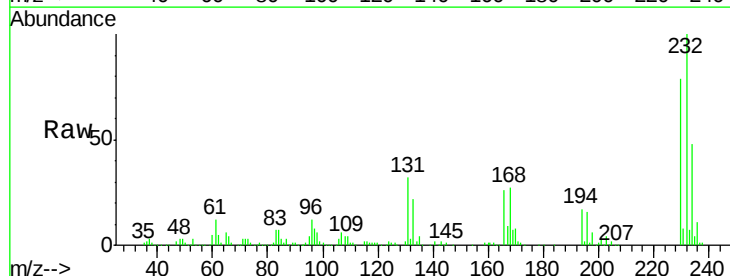
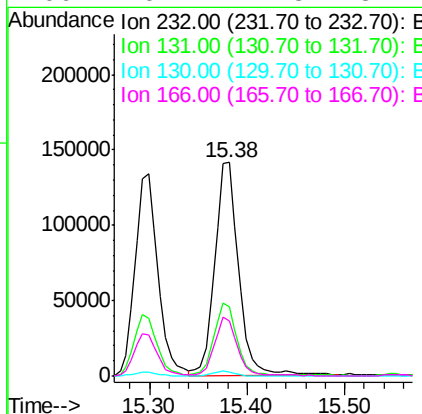
RT: 15.38 min Scan# 2058

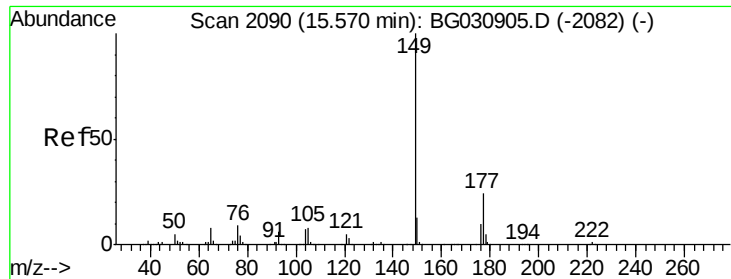
Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.8	33.5	50.3#
130	2.1	2.2	3.2#
166	26.1	24.8	37.2





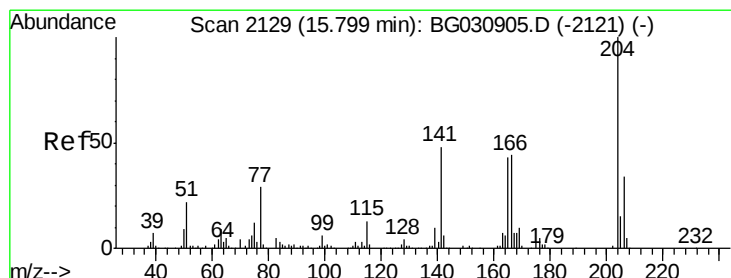
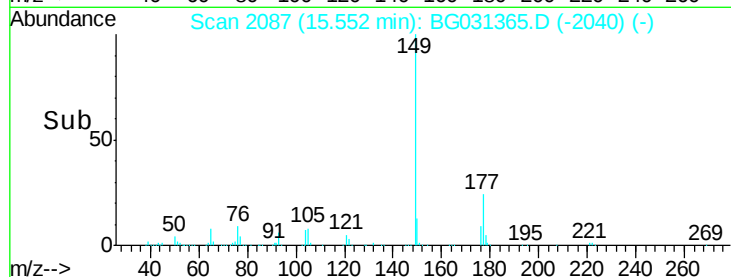
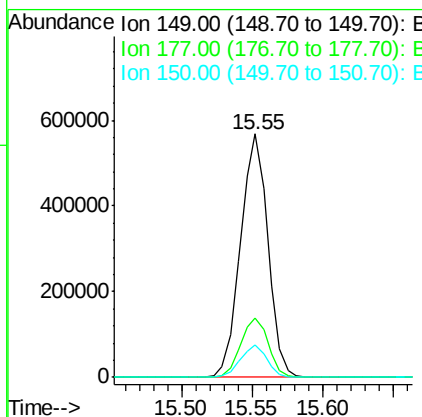
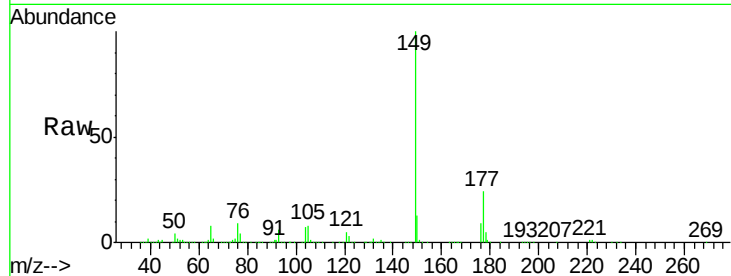
#59
Diethylphthalate
Concen: 44.95 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
149	100	767553		
177	24.2	18.5	27.7	
150	13.1	10.2	15.2	

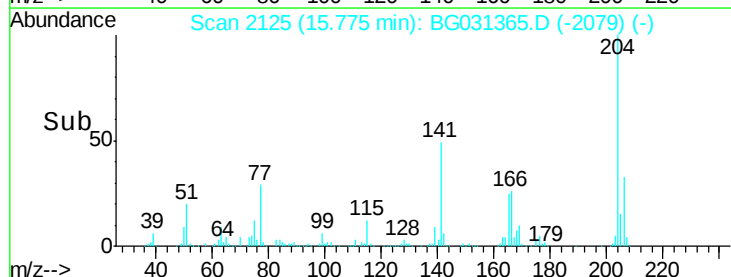
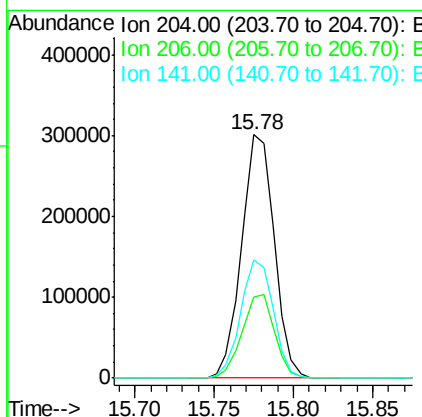
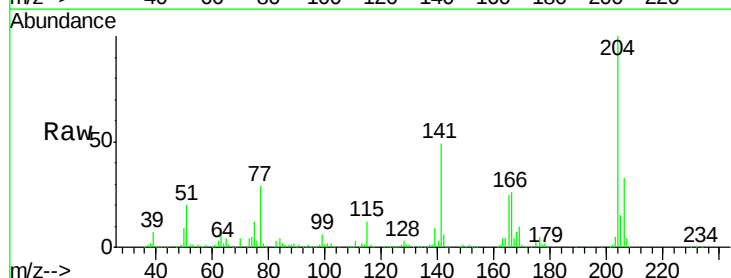
Manual Integrations
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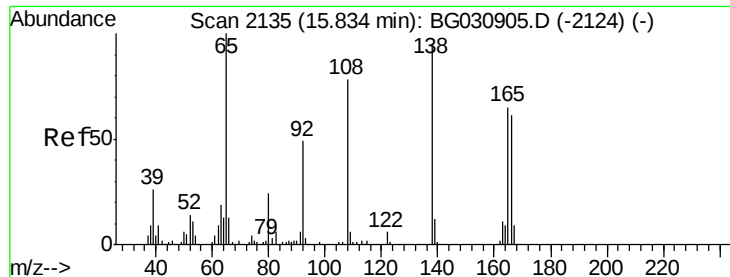
Sohil
12/5/2017 3:26:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.45 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	431318		
206	33.2	26.2	39.2	
141	48.6	45.8	68.6	





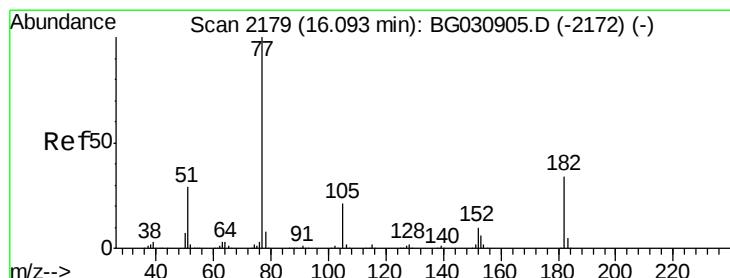
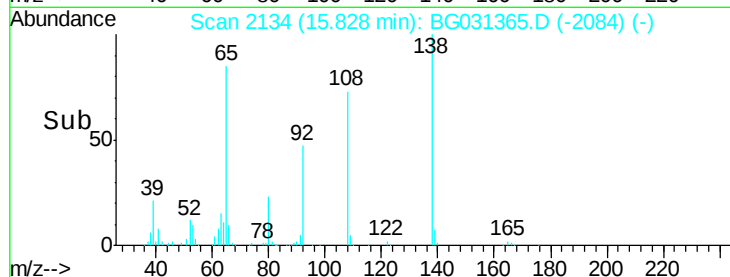
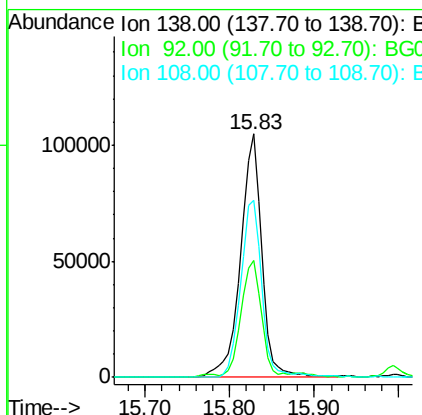
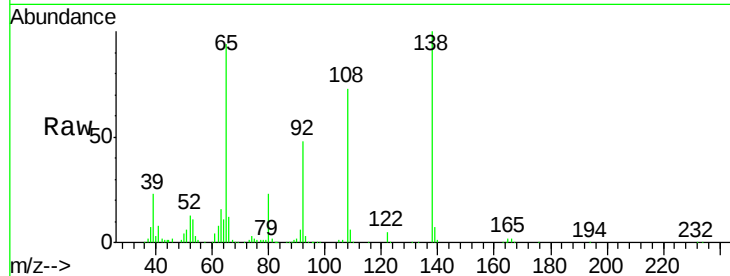
#61
4-Nitroaniline
Concen: 46.82 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	40.1	80.1
108	72.6	65.4	105.4

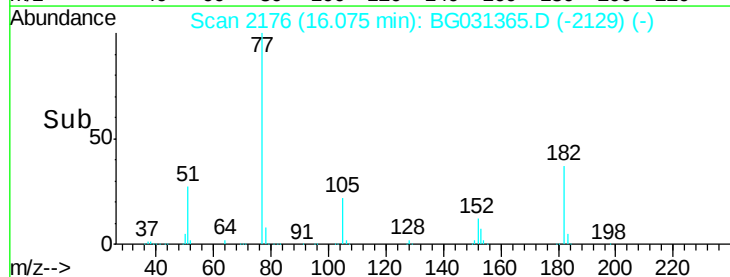
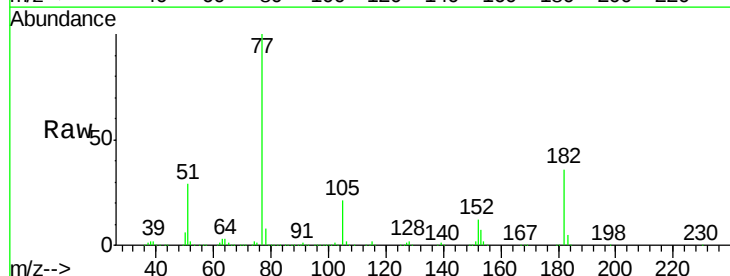
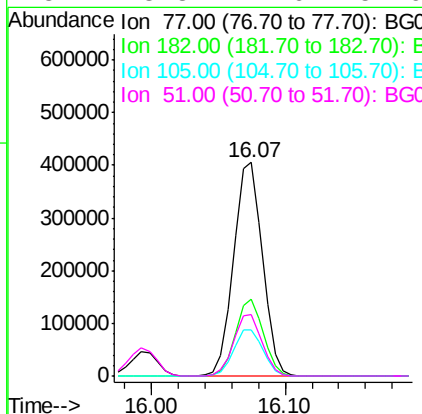
Manual Integrations
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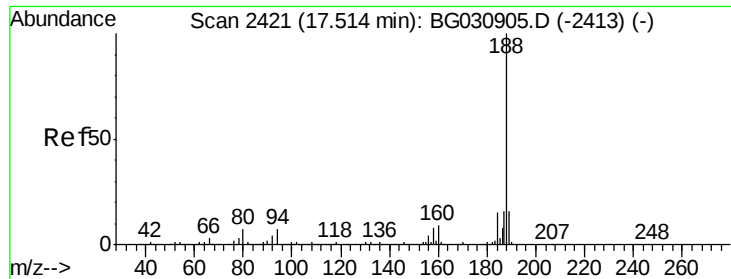
Sohil
12/5/2017 3:26:54 PM



#62
Azobenzene
Concen: 46.64 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	36.2	7.4	47.4
105	21.4	0.3	40.3
51	28.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

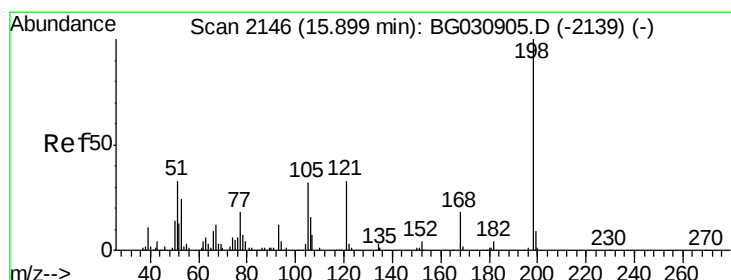
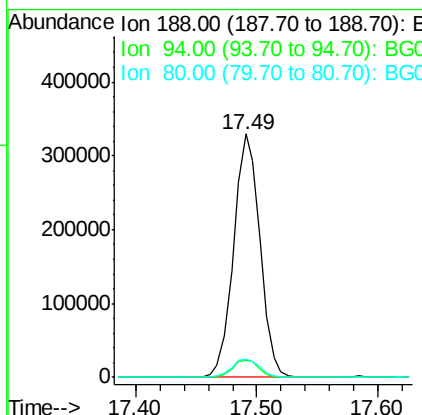
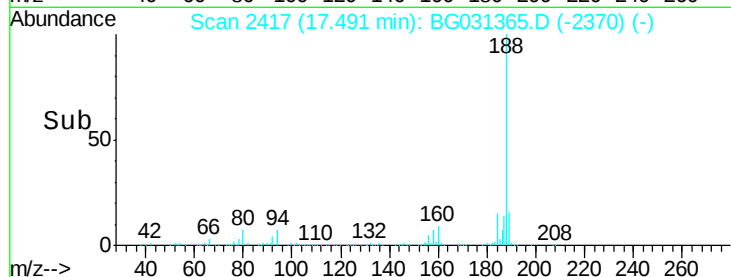
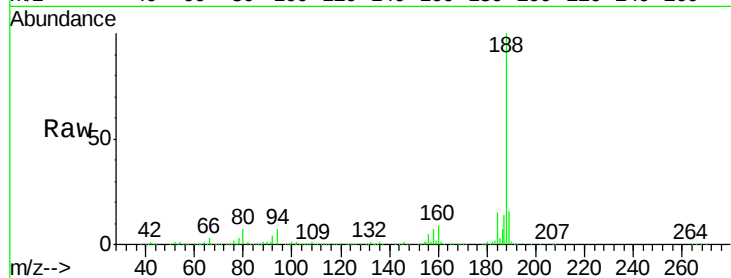
ClientSampleId :

IDOC-SOIL-1

Tot Ion:	188	Resp:	498601
Ion Ratio	Lower	Upper	
188	100		
94	6.9	6.9	10.3
80	7.4	7.7	11.5#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.00 ng

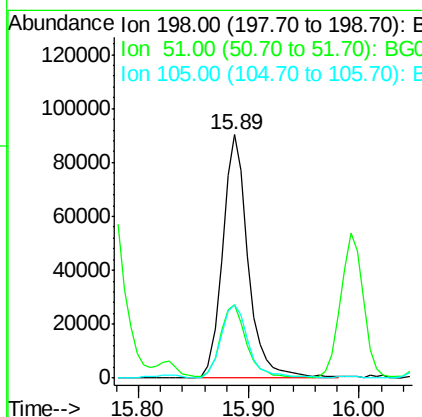
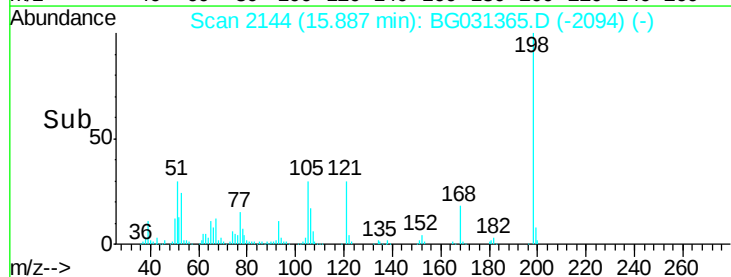
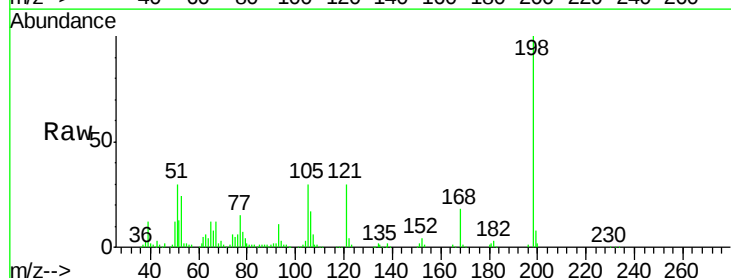
RT: 15.89 min Scan# 2144

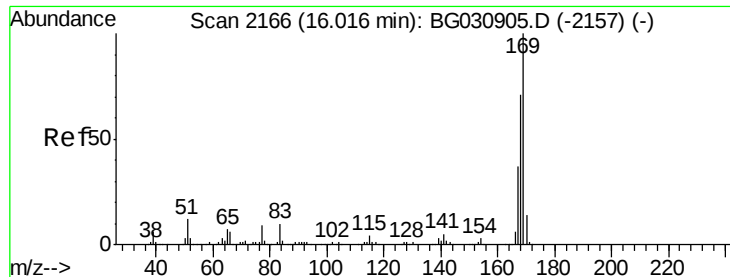
Delta R.T. -0.00 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	198	Resp:	145829
Ion Ratio	Lower	Upper	
198	100		
51	30.1	30.6	70.6#
105	30.2	23.8	63.8





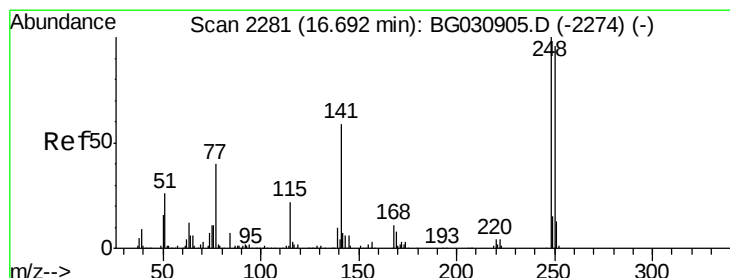
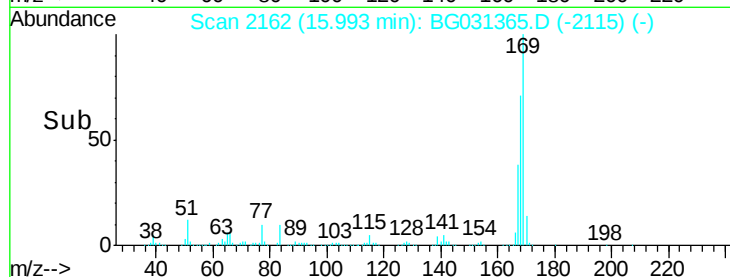
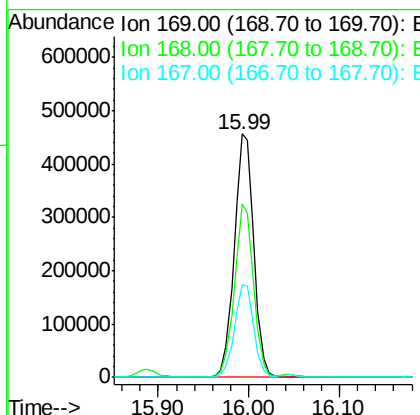
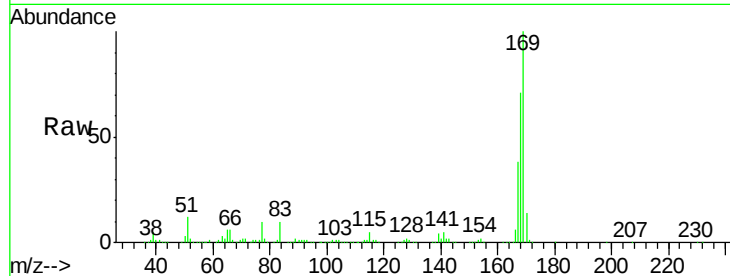
#65
n-Nitrosodiphenylamine
Concen: 45.31 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.7	83.5
167	37.8	30.1	45.1

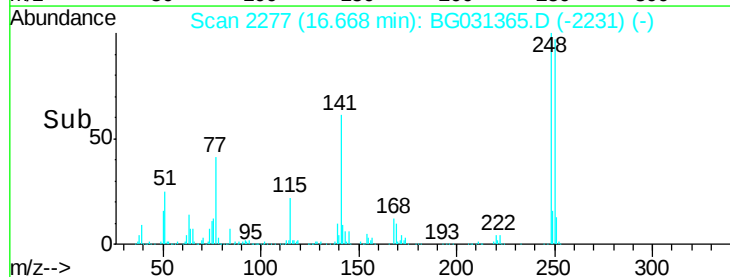
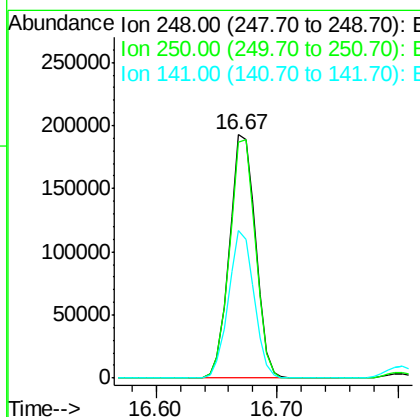
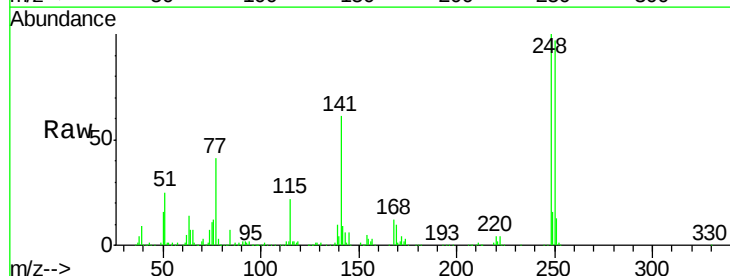
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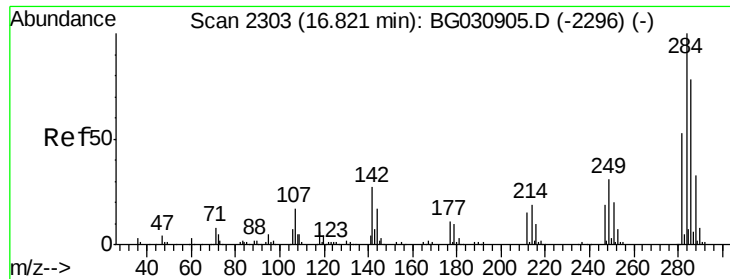
Sohil
12/5/2017 3:26:54 PM



#66
4-Bromophenyl-phenylether
Concen: 45.84 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	60.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.12 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

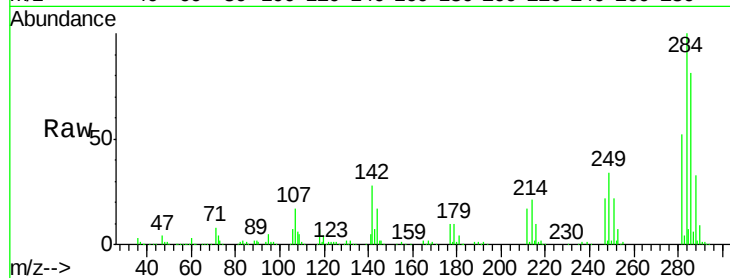
ClientSampled :

IDOC-SOIL-1

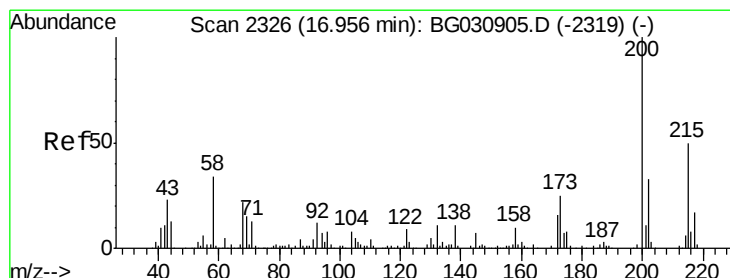
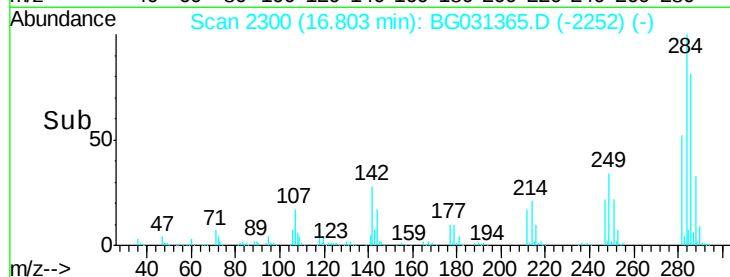
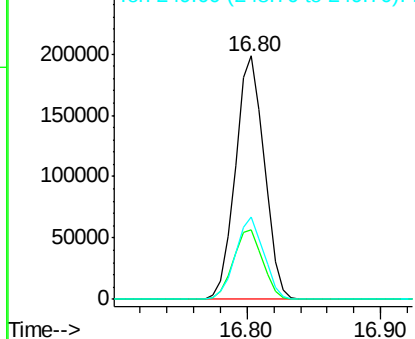
Tot Ion:	284	Resp:	296075
Ion Ratio		Lower	Upper
284	100		
142	28.5	26.8	40.2
249	33.8	26.3	39.5

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



#68

Atrazine

Concen: 46.55 ng

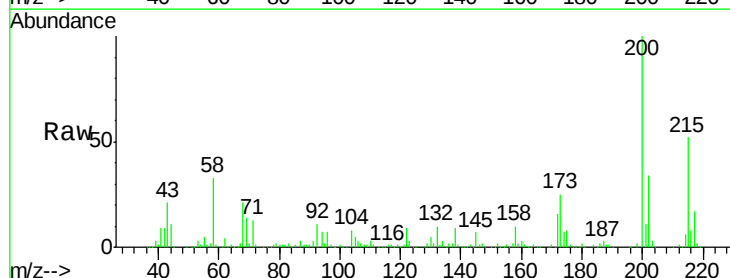
RT: 16.94 min Scan# 2323

Delta R.T. -0.02 min

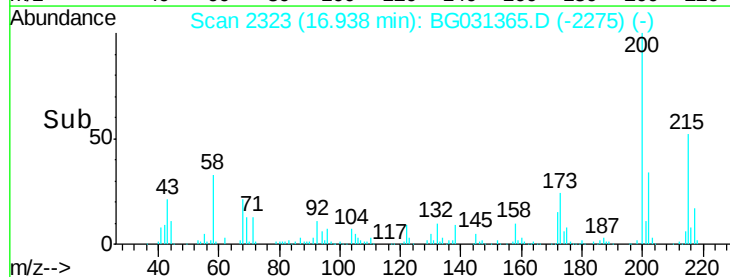
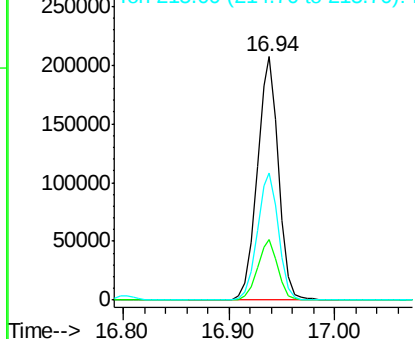
Lab File: BG031365.D

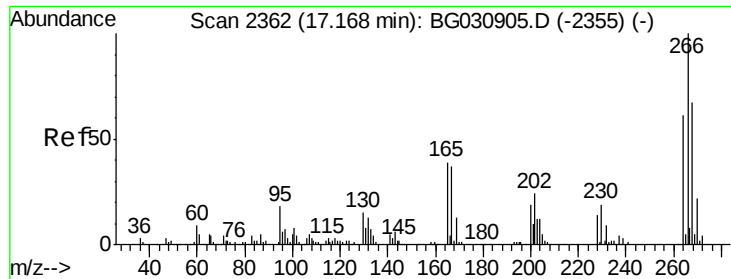
Acq: 5 Dec 2017 2:46

Tgt Ion:	200	Resp:	290213
Ion Ratio		Lower	Upper
200	100		
173	24.7	5.2	45.2
215	52.5	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





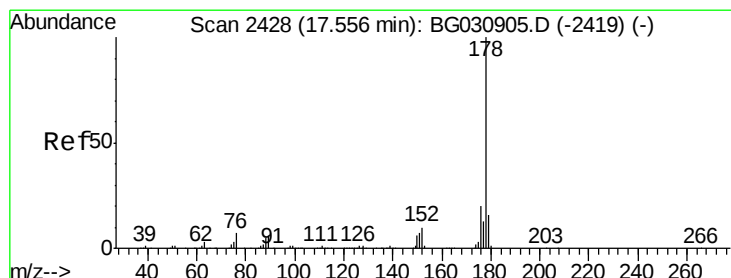
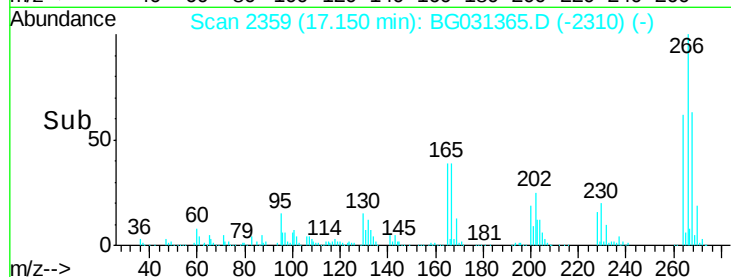
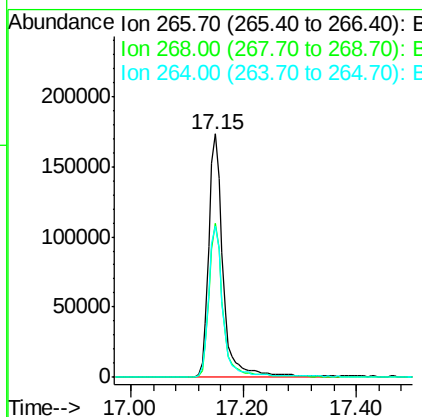
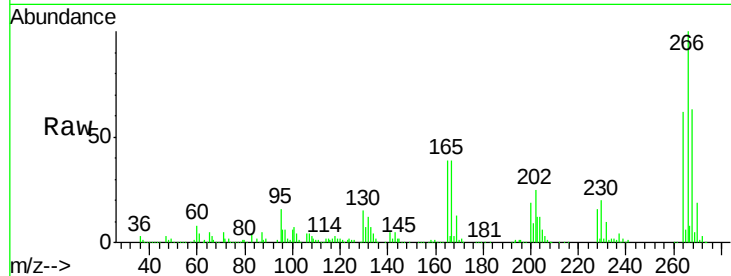
#69
 Pentachlorophenol
 Concen: 83.13 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
266	100	308325		
268	63.1		51.1	76.7
264	62.0		49.6	74.4

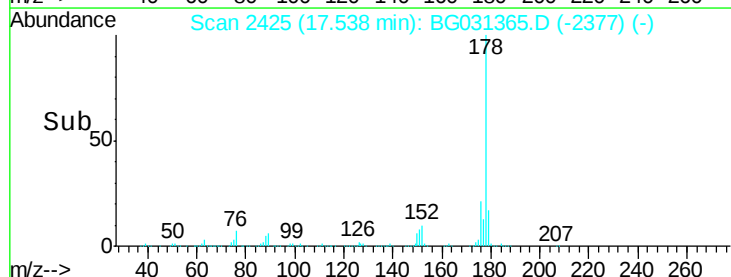
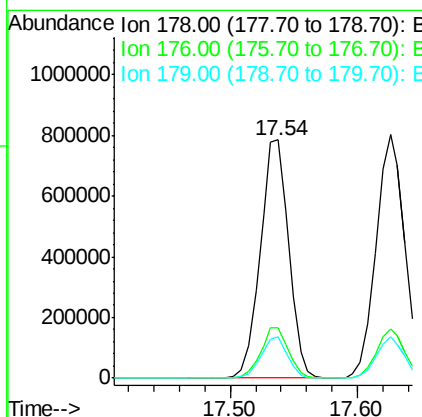
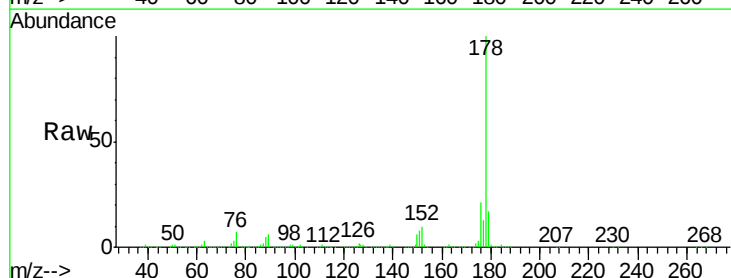
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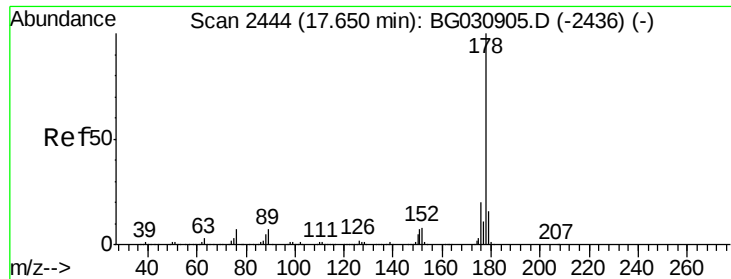
Sohil
 12/5/2017 3:26:54 PM



#70
 Phenanthrene
 Concen: 47.25 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1226744		
176	21.1		15.7	23.5
179	17.2		12.5	18.7





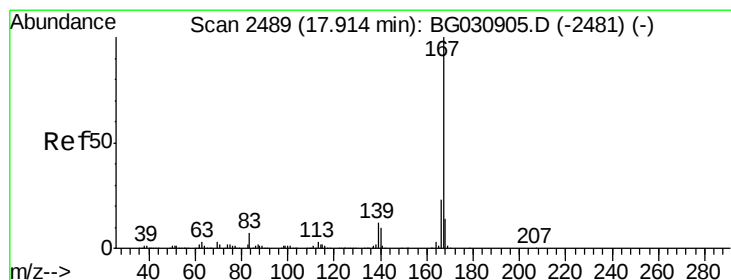
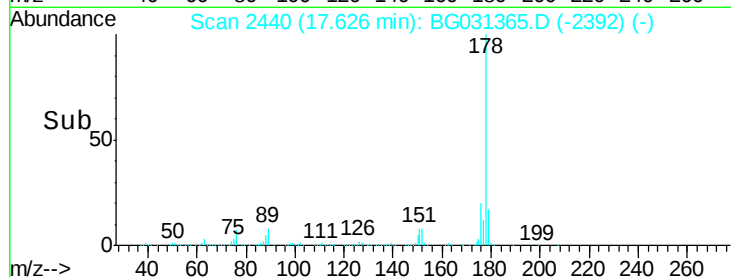
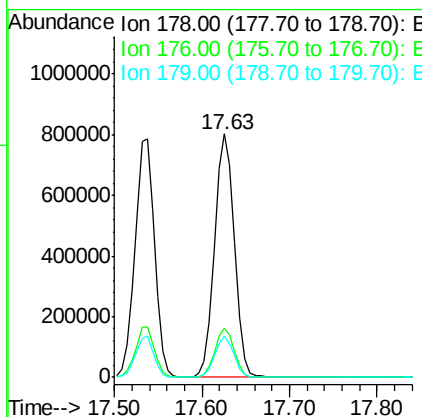
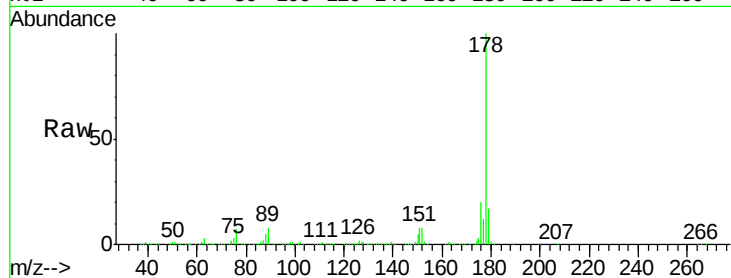
#71
 Anthracene
 Concen: 48.71 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampled :
 IDOC-SOIL-1

Tot Ion:178 Resp: 1266989
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.8 12.5 18.7

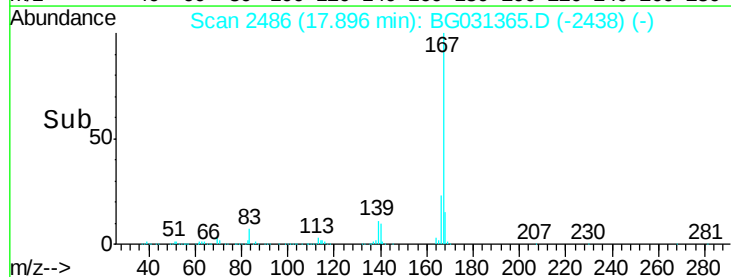
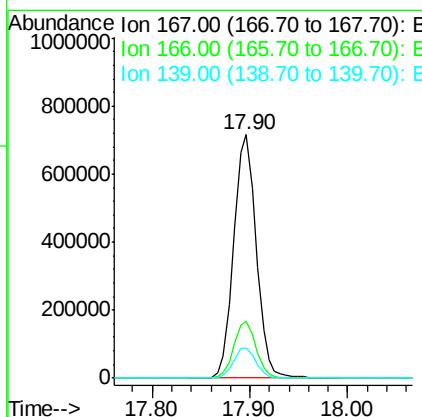
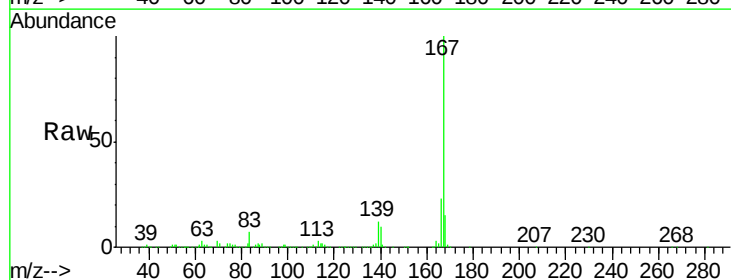
Manual Integrations
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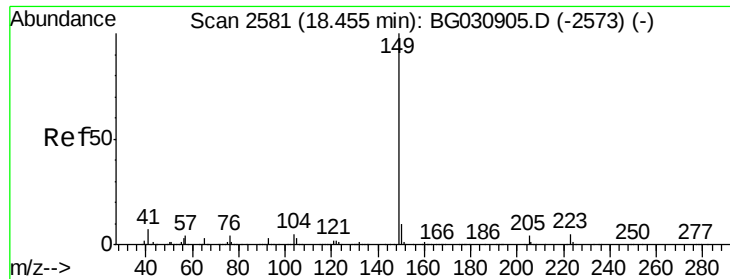
Sohil
 12/5/2017 3:26:54 PM



#72
 Carbazole
 Concen: 47.29 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion:167 Resp: 1152586
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.1 9.4 14.2





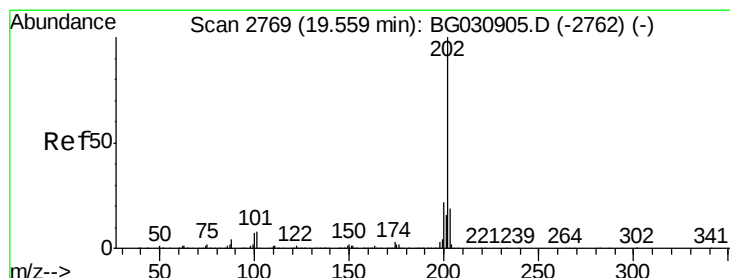
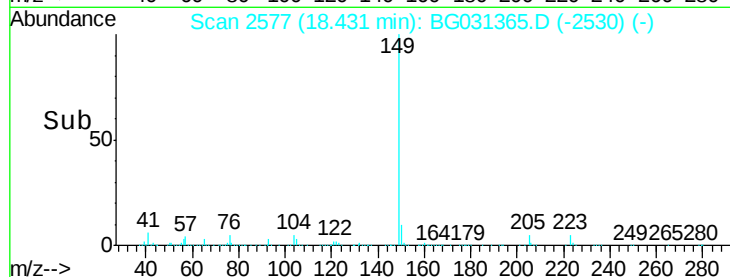
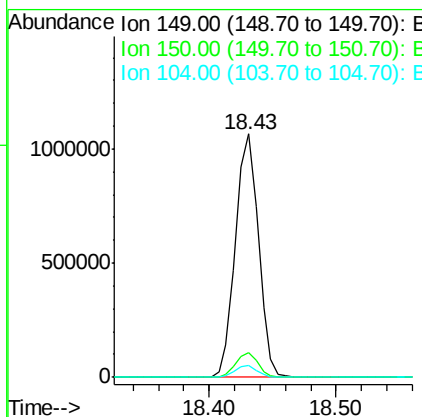
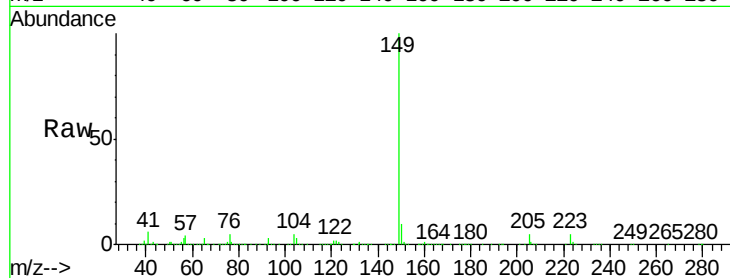
#73
Di-n-butylphthalate
Concen: 44.57 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	5.1	3.9	5.9

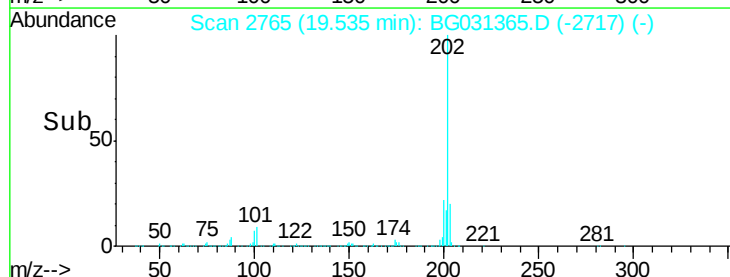
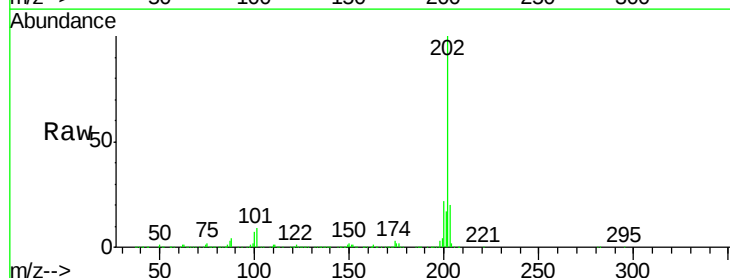
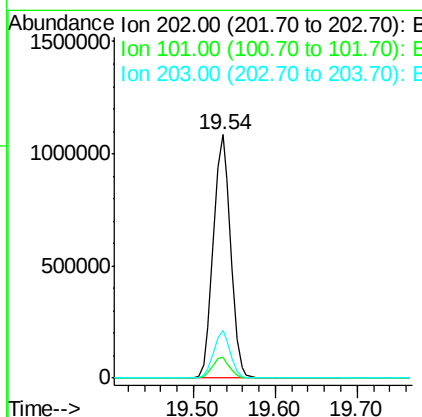
Manual Integrations
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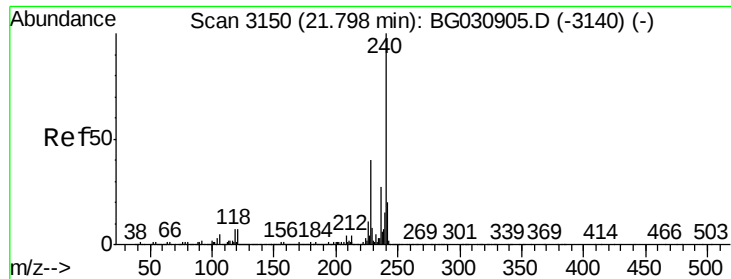
Sohil
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#74
Fluoranthene
Concen: 48.64 ng
RT: 19.54 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.9
203	19.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

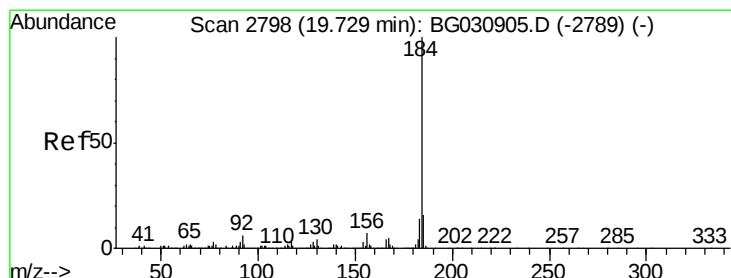
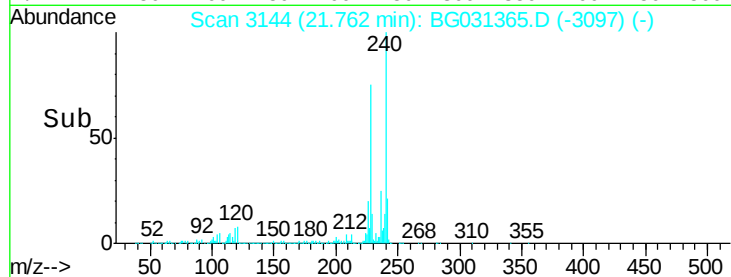
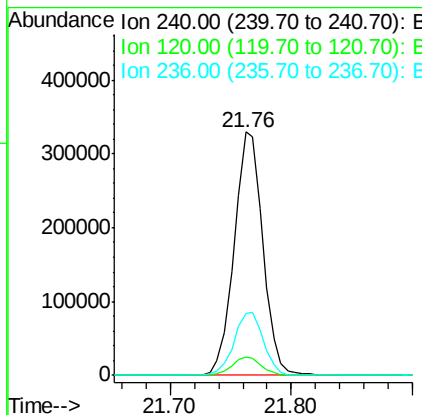
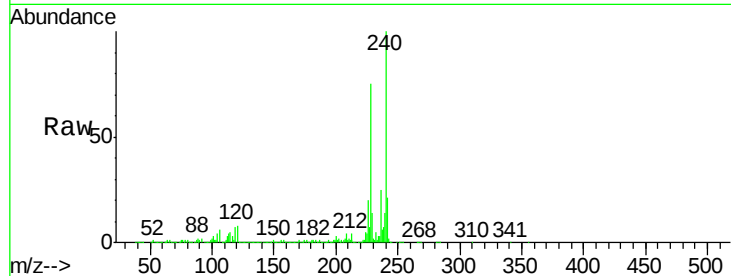
ClientSampleId :

IDOC-SOIL-1

Tot Ion:	240	Resp:	544864
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.8	10.2
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 10.80 ng

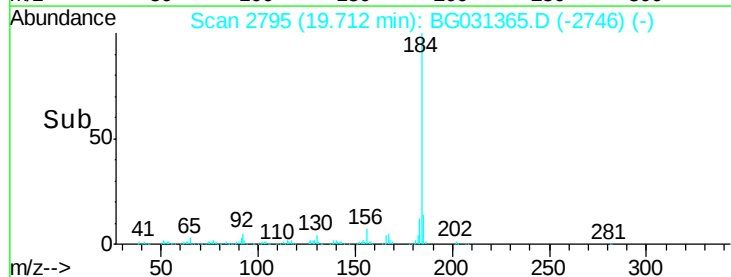
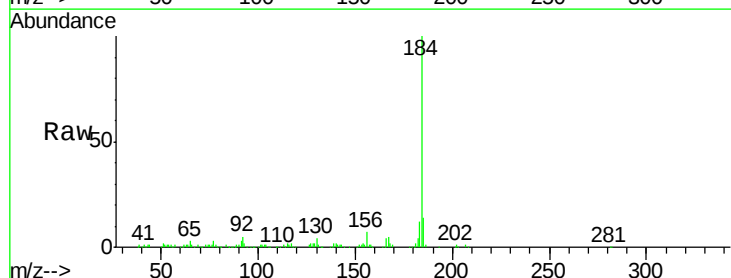
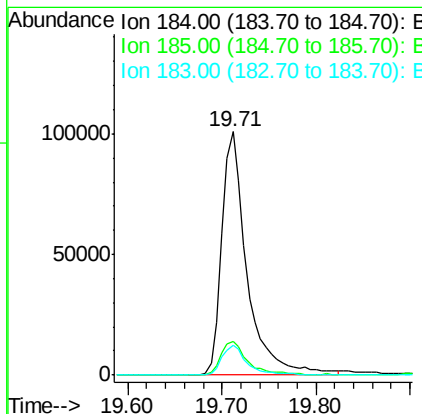
RT: 19.71 min Scan# 2795

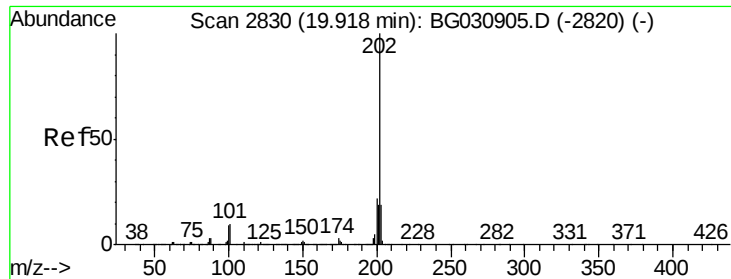
Delta R.T. -0.01 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion:	184	Resp:	189035
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.1	16.7
183	12.2	10.6	16.0





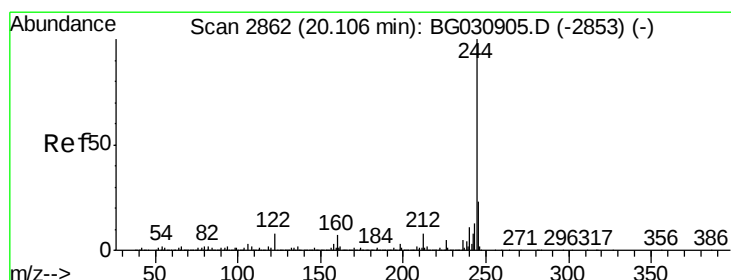
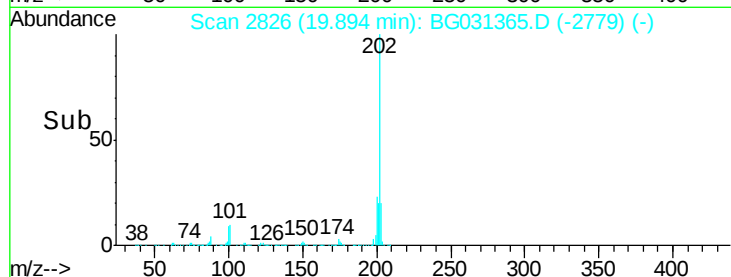
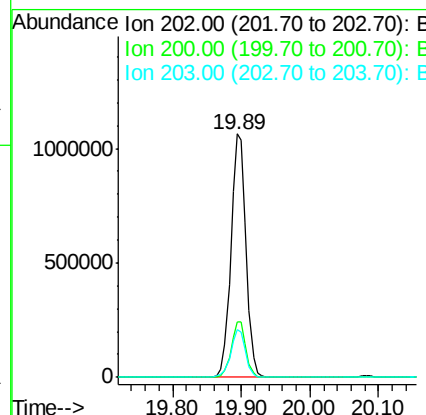
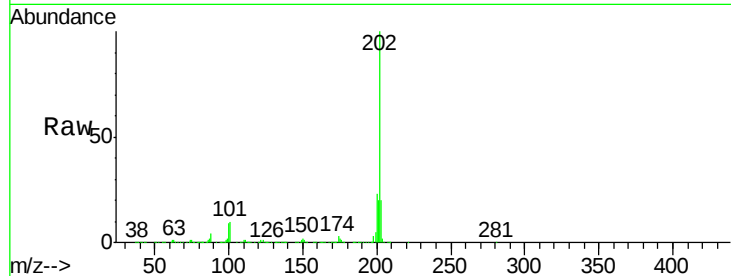
#77
Pvrene
Concen: 50.41 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	19.8	13.9	20.9

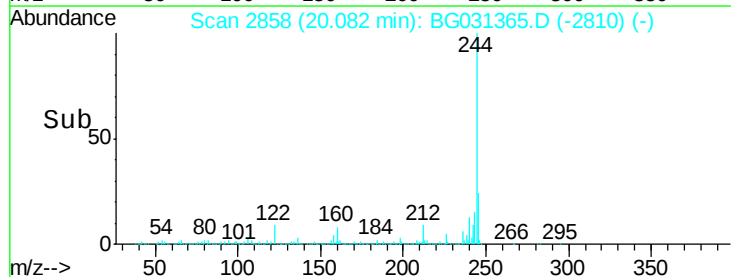
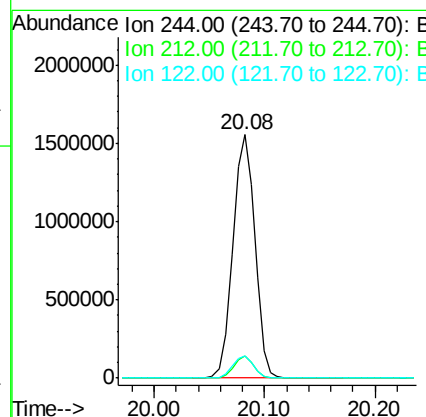
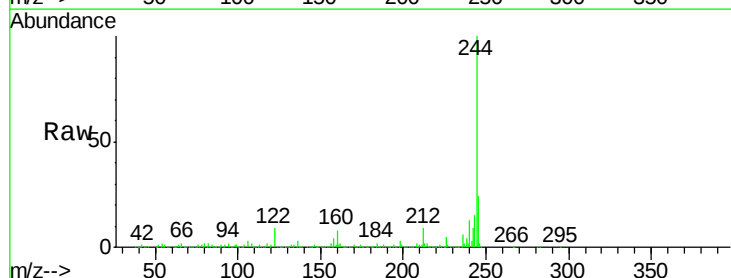
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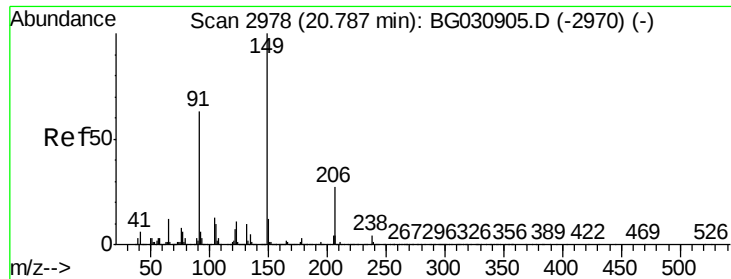
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#78
Terphenyl-d14
Concen: 88.24 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	8.9	7.0	10.4





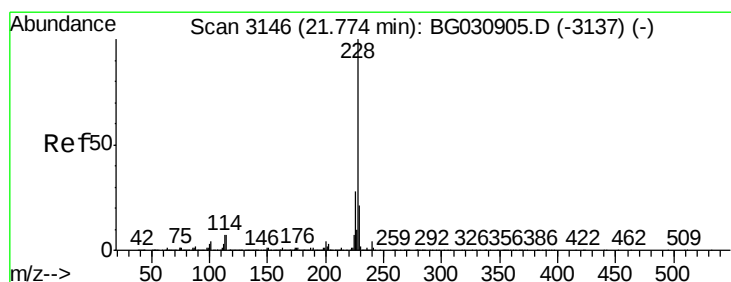
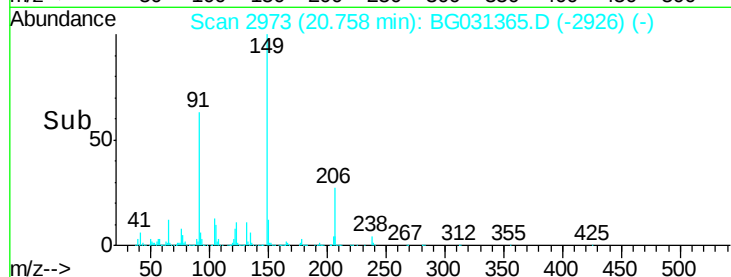
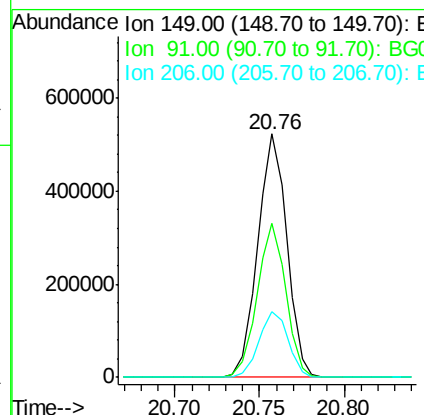
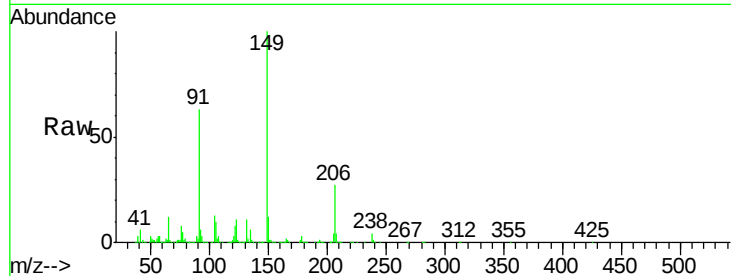
#79
Butylbenzylphthalate
Concen: 48.84 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.4	62.2	93.2
206	27.2	18.6	27.8

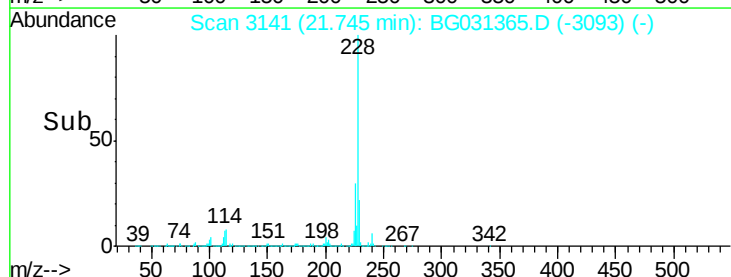
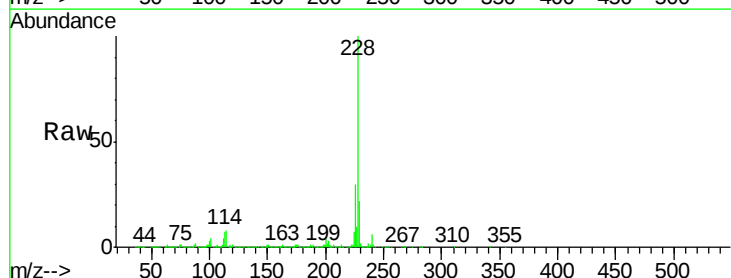
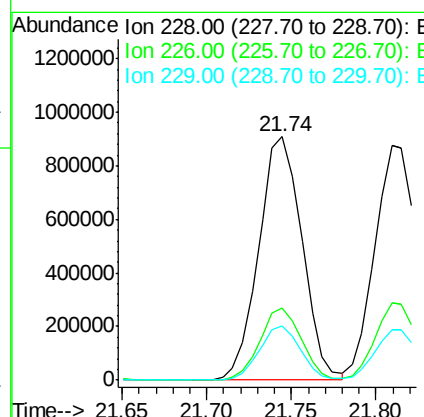
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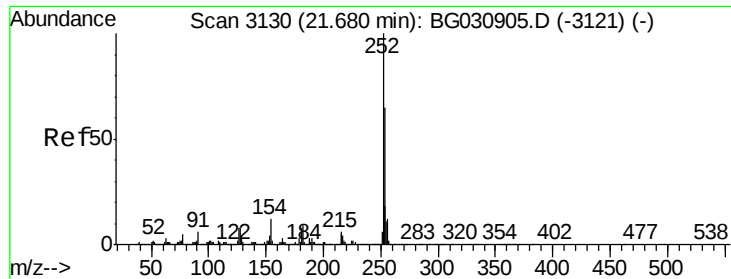
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#80
Benzo(a)anthracene
Concen: 47.53 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	22.1	16.2	24.2





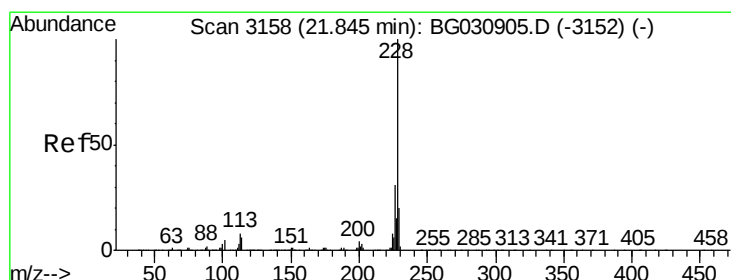
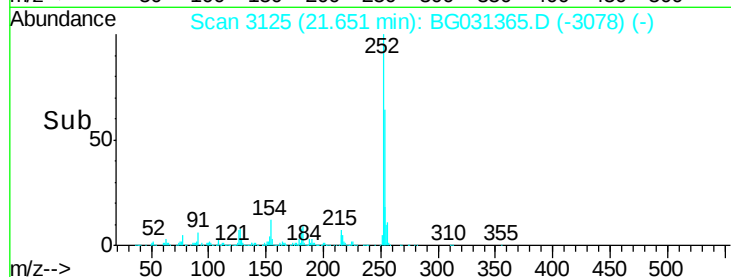
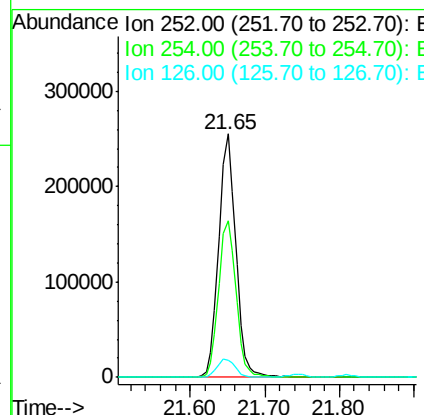
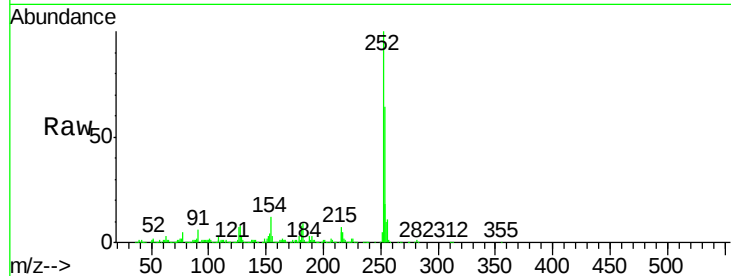
#81
 3,3'-Dichlorobenzidine
 Concen: 29.97 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	7.0	7.4	11.2

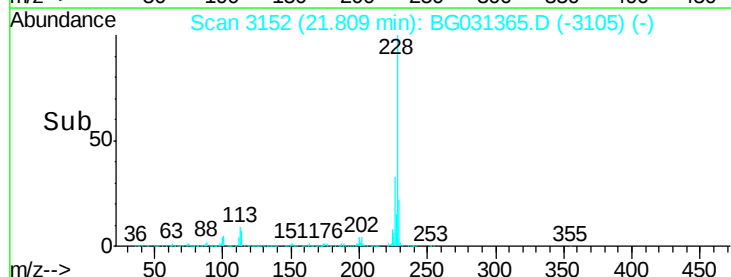
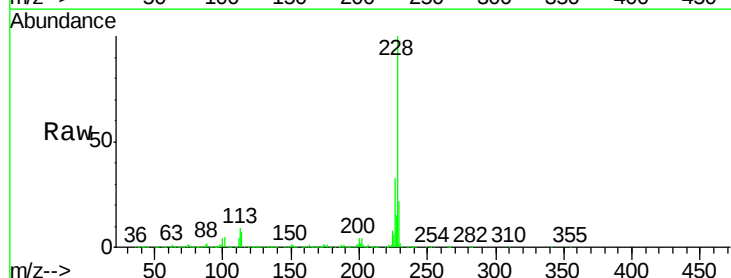
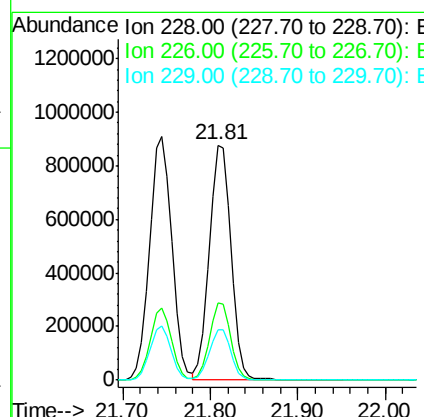
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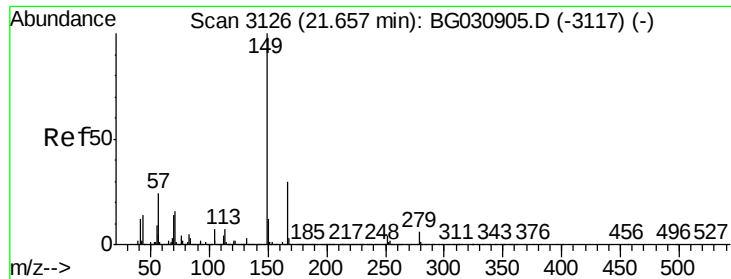
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#82
 Chrysene
 Concen: 48.61 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.02 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.6	15.0	22.4





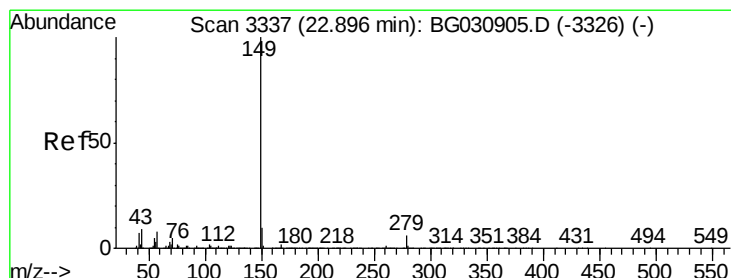
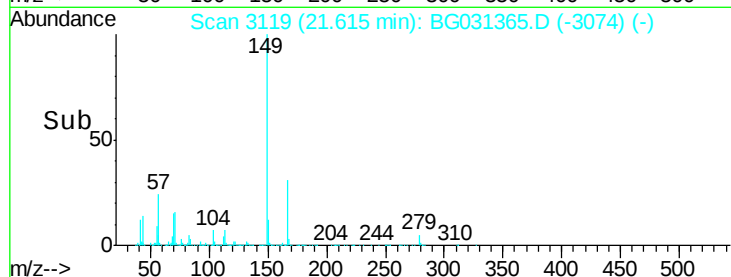
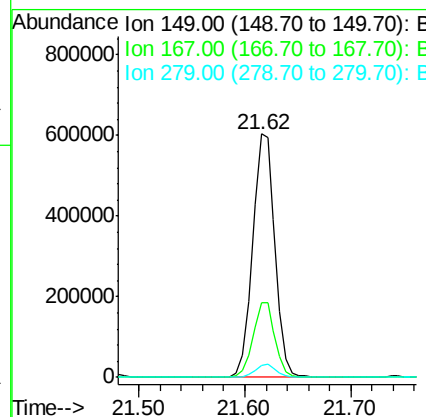
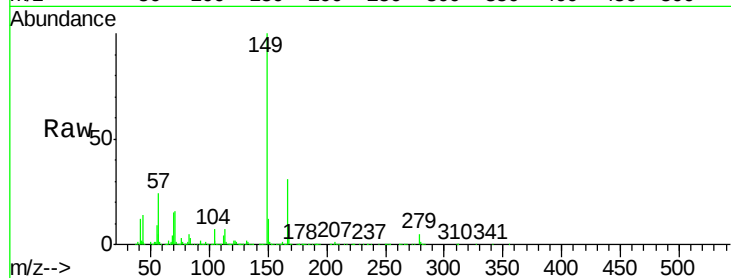
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.43 ng
 RT: 21.62 min Scan# 3119
 Delta R.T. -0.03 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.3	36.5
279	5.1	4.0	6.0

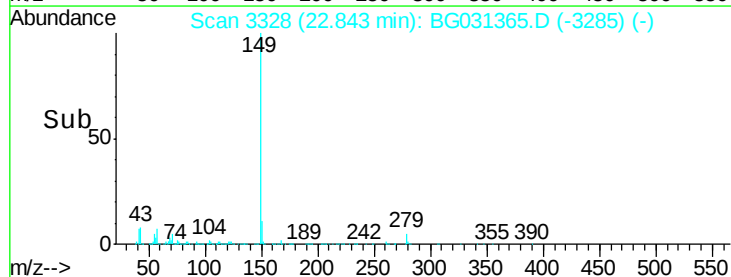
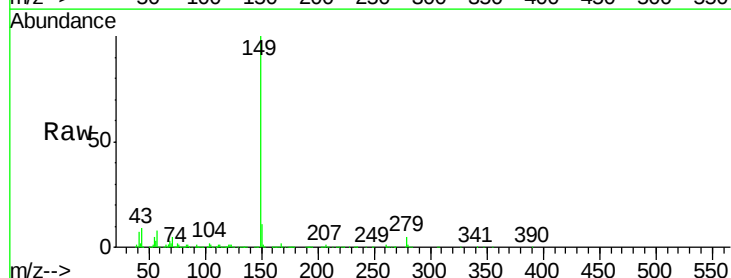
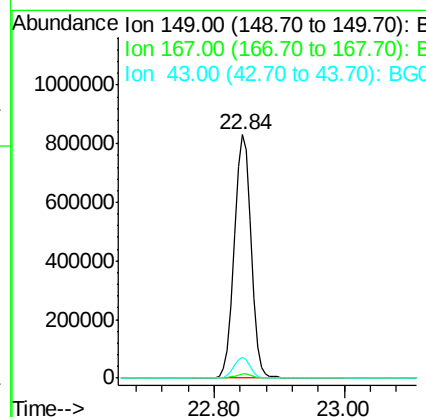
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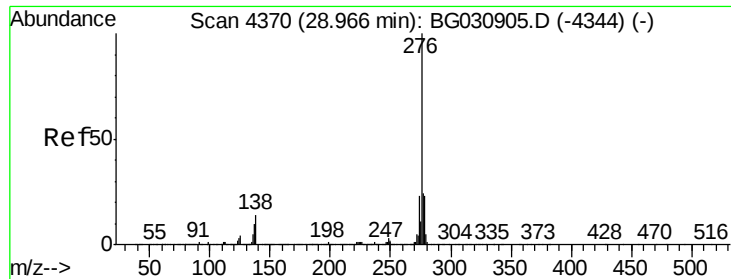
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#84
 Di-n-octyl phthalate
 Concen: 49.00 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	8.9	13.3





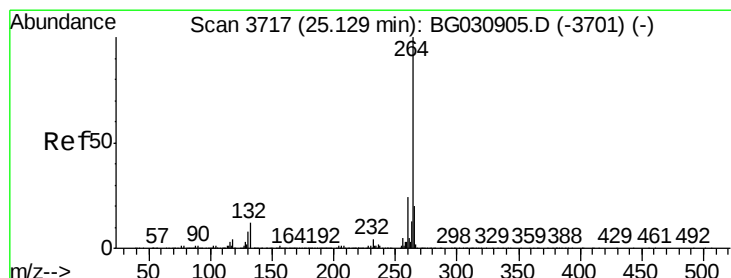
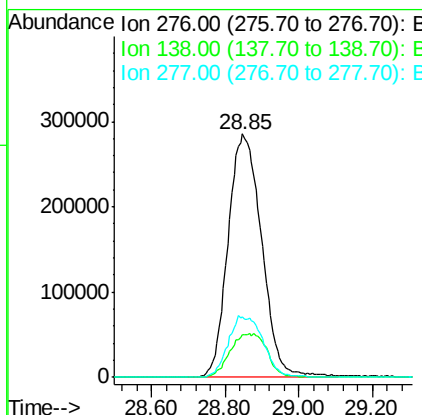
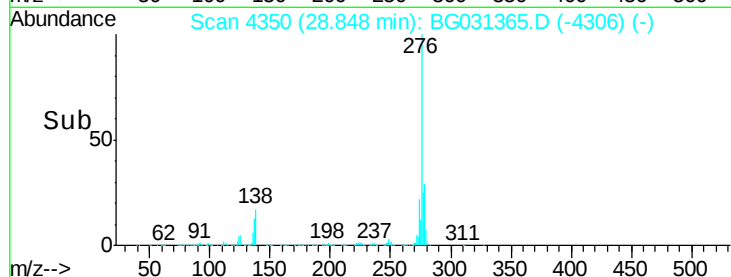
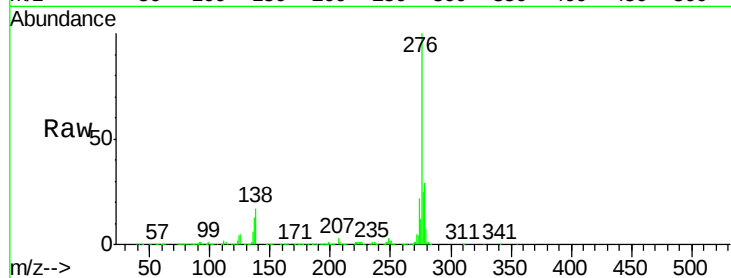
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.54 ng
RT: 28.85 min Scan# 4350
Delta R.T. -0.04 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	26.2	20.0	30.0

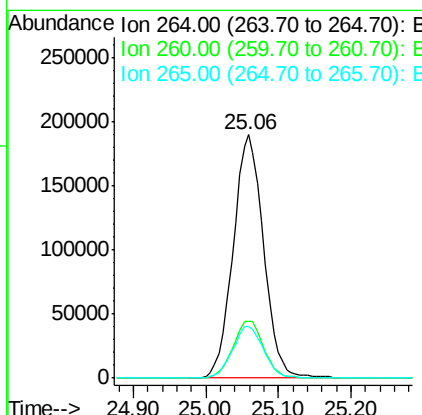
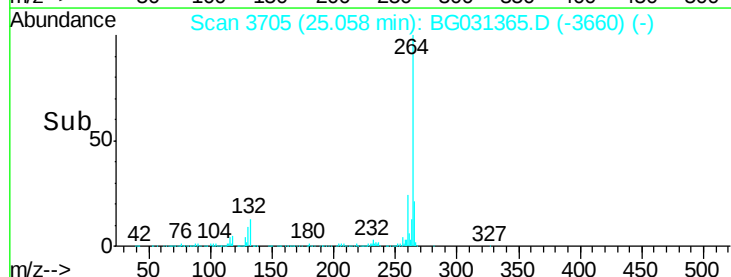
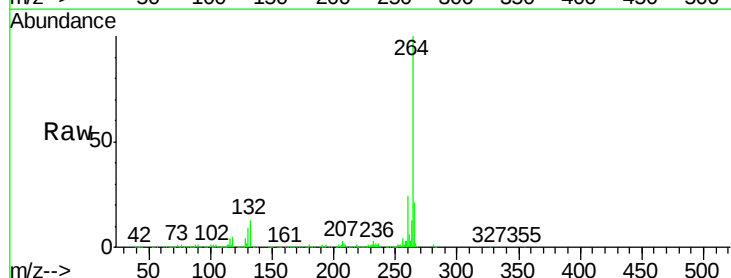
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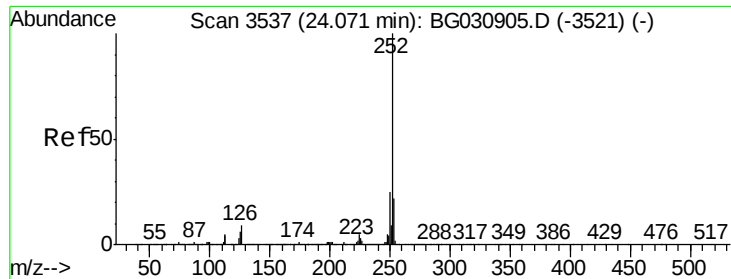
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.72 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Instrument :

BNA_G

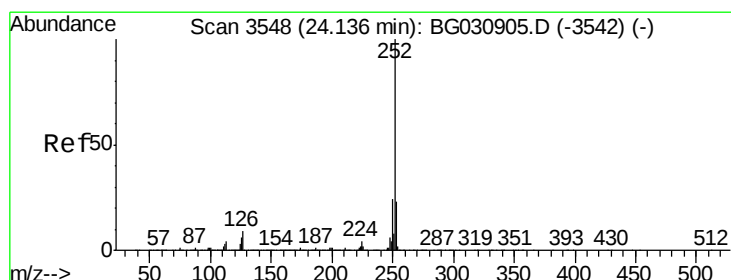
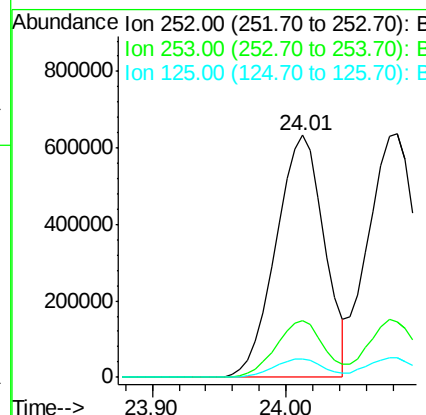
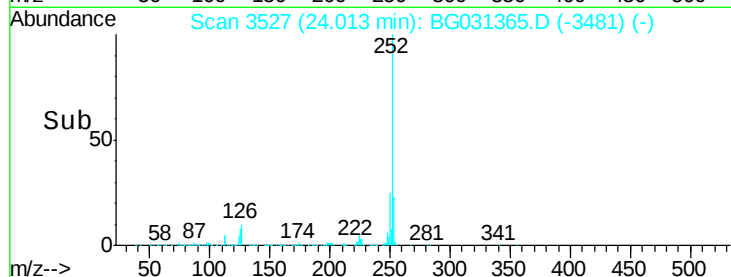
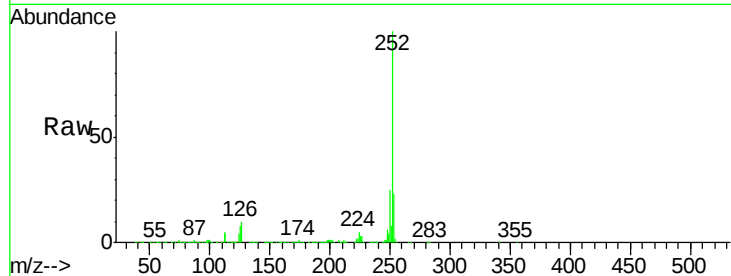
ClientSampleId :

IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	7.6	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 48.28 ng

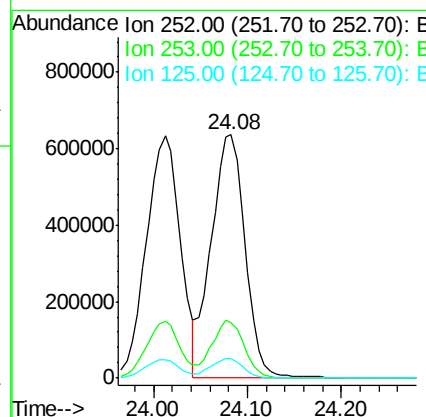
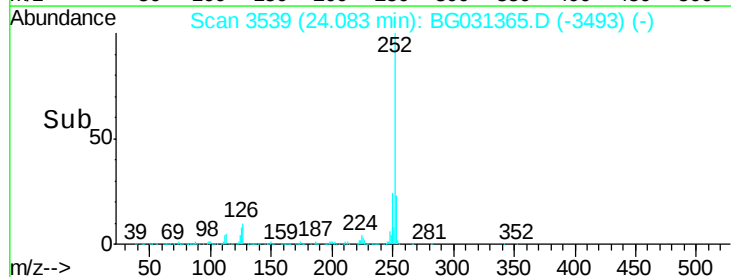
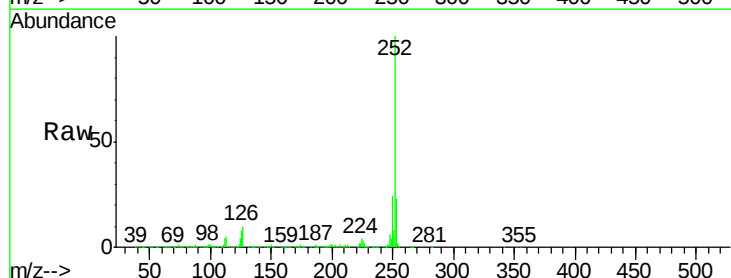
RT: 24.08 min Scan# 3539

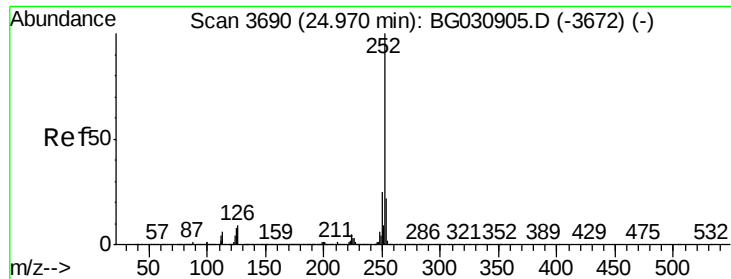
Delta R.T. -0.03 min

Lab File: BG031365.D

Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	7.9	6.6	9.8





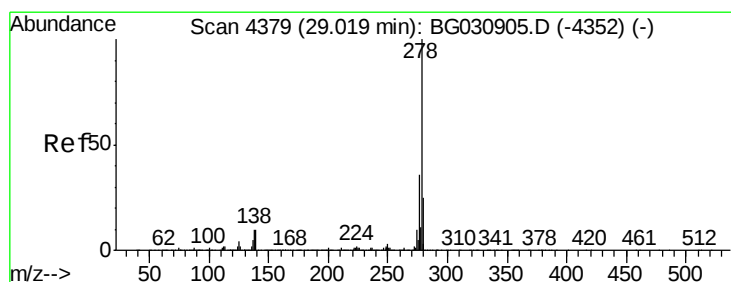
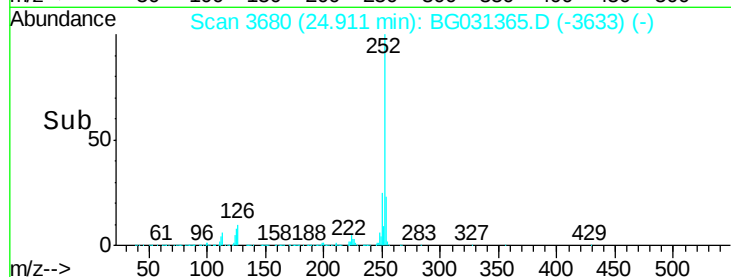
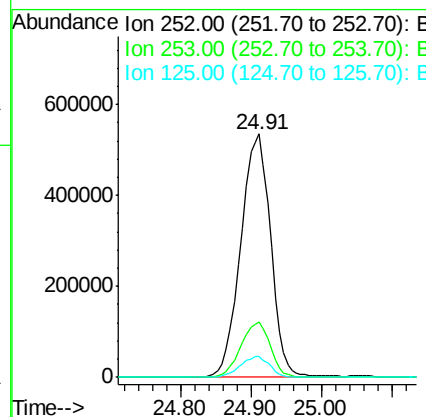
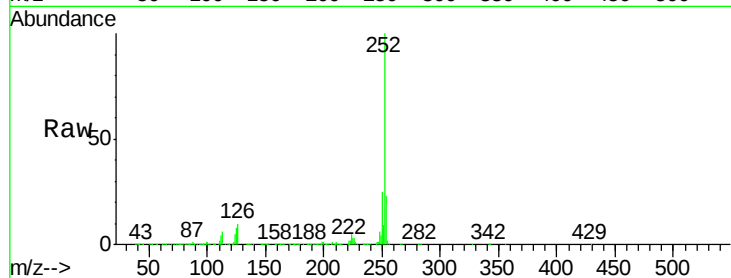
#89
Benzo(a)pyrene
Concen: 49.65 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	8.4	7.3	10.9

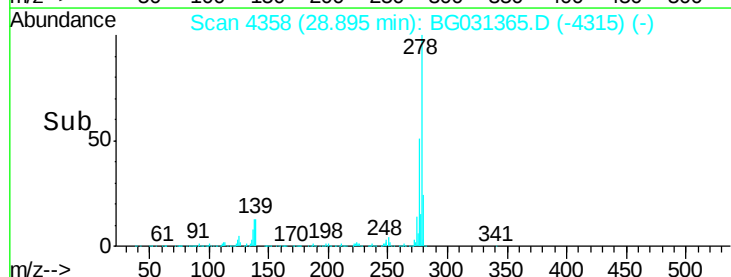
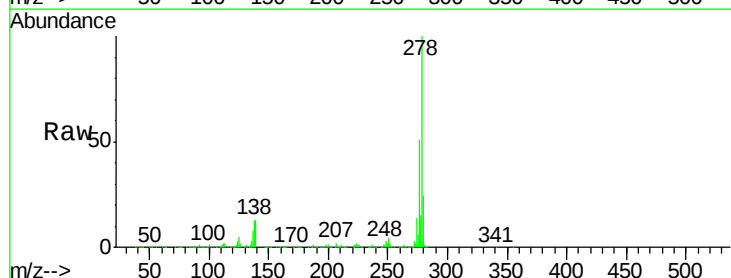
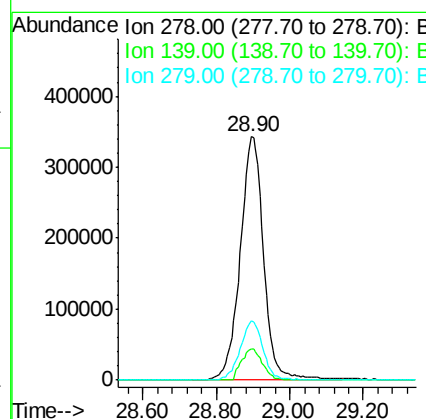
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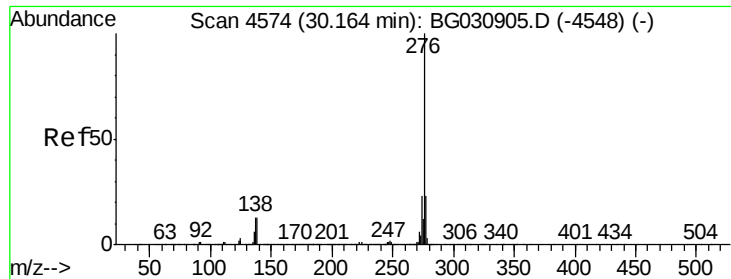
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#90
Dibenzo(a,h)anthracene
Concen: 46.70 ng
RT: 28.90 min Scan# 4358
Delta R.T. -0.05 min
Lab File: BG031365.D
Acq: 5 Dec 2017 2:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.65 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.05 min
 Lab File: BG031365.D
 Acq: 5 Dec 2017 2:46

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	16.8	13.9	20.9

Manual Integrations
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 12/5/2017 3:26:54 PM

