

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031366.D
 Acq On : 5 Dec 2017 3:23
 Operator : SJ/JU
 Sample : IDOC-SOIL-2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Manual Integrations
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 12/5/2017 3:27:25 PM

Quant Time: Dec 05 06:46:54 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	60208	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	266668	20.00	ng	-0.03
38) Acenaphthene-d10	14.75	164	185797	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	488872	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	533576	20.00	ng	-0.02
86) Perylene-d12	25.06	264	538725	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	327435	93.26	ng	-0.02
7) Phenol-d6	7.30	99	439053	92.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	253572	56.35	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	228072	75.88	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	787050	60.87	ng	-0.03
78) Terphenyl-d14	20.08	244	1467082	60.71	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	35847	25.16	ng	# 84
3) Pyridine	3.95	79	23412	5.66	ng	# 81
4) n-Nitrosodimethylamine	3.86	42	49802	25.40	ng	# 93
6) Aniline	7.45	93	86504	13.90	ng	94
8) 2-Chlorophenol	7.69	128	127116	32.81	ng	90
9) Benzaldehyde	7.27	77	47637	14.39	ng	87
10) Phenol	7.32	94	163532	33.29	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	110971	28.29	ng	90
12) 1,3-Dichlorobenzene	8.01	146	133840	29.44	ng	95
13) 1,4-Dichlorobenzene	8.16	146	137127	29.77	ng	93
14) 1,2-Dichlorobenzene	8.48	146	129901	29.38	ng	98
15) Benzyl Alcohol	8.37	79	104010	27.41	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	165399	38.18	ng	90
17) 2-Methylphenol	8.58	107	110147	32.20	ng	96
18) Hexachloroethane	9.21	117	46286	28.87	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	93545	26.01	ng	# 96
20) 3+4-Methylphenols	8.91	107	148924	30.62	ng	93
22) Acetophenone	8.95	105	180042	27.12	ng	# 92
24) Nitrobenzene	9.34	77	136781	29.75	ng	# 88
25) Isophorone	9.86	82	266364	30.35	ng	# 92
26) 2-Nitrophenol	10.05	139	74346	31.03	ng	# 89
27) 2,4-Dimethylphenol	10.11	122	126701	35.62	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	162539	29.40	ng	96
29) 2,4-Dichlorophenol	10.60	162	143991	33.71	ng	89
30) 1,2,4-Trichlorobenzene	10.80	180	155339	30.46	ng	96
31) Naphthalene	10.99	128	396163	30.22	ng	98
32) Benzoic acid	10.24	122	8589	8.22	ng	# 80
33) 4-Chloroaniline	11.11	127	105114	18.32	ng	93
34) Hexachlorobutadiene	11.27	225	101600	28.73	ng	96
35) Caprolactam	11.87	113	39405m	22.58	ng	
36) 4-Chloro-3-methylphenol	12.23	107	148014	31.84	ng	# 84
37) 2-Methylnaphthalene	12.59	142	320202	31.64	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	195920	26.57	ng	96
40) Hexachlorocyclopentadiene	12.93	237	149693	58.23	ng	95

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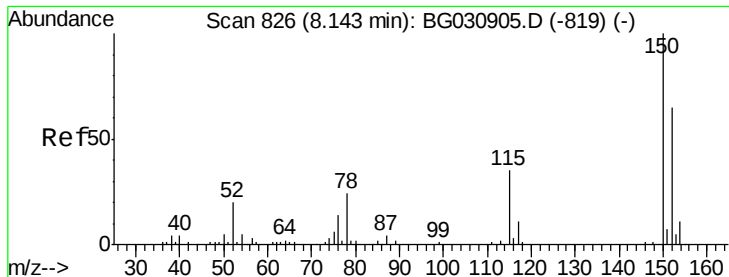
Manual Integrations
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 12/5/2017 3:27:25 PM

Quant Time: Dec 05 06:46:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	129905	30.82	nq	98
43) 2,4,5-Trichlorophenol	13.28	196	142145	30.82	nq	# 93
45) 1,1'-Biphenyl	13.58	154	425573	27.62	nq	98
46) 2-Chloronaphthalene	13.63	162	349321	31.42	nq	96
47) 2-Nitroaniline	13.84	65	96844	29.39	nq	# 75
48) Acenaphthylene	14.48	152	548019	30.12	nq	98
49) Dimethylphthalate	14.19	163	539614	33.59	nq	99
50) 2,6-Dinitrotoluene	14.32	165	108674	32.82	nq	# 74
51) Acenaphthene	14.81	154	334908	29.47	nq	98
52) 3-Nitroaniline	14.66	138	83094	23.63	nq	# 79
53) 2,4-Dinitrophenol	14.88	184	88632	50.95	nq	# 47
54) Dibenzofuran	15.15	168	566347	31.29	nq	98
55) 4-Nitrophenol	14.98	139	147912	59.06	nq	# 79
56) 2,4-Dinitrotoluene	15.12	165	157071	32.81	nq	# 73
57) Fluorene	15.79	166	456852	31.09	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	141643	32.22	nq	# 92
59) Diethylphthalate	15.55	149	483550	29.63	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	274538	30.94	nq	90
61) 4-Nitroaniline	15.82	138	114560	30.77	nq	89
62) Azobenzene	16.07	77	382260	30.72	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	84054	25.87	nq	76
65) n-Nitrosodiphenylamine	15.99	169	429457	28.99	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	178922	28.90	nq	100
67) Hexachlorobenzene	16.80	284	185247	28.16	nq	94
68) Atrazine	16.93	200	179412	29.35	nq	98
69) Pentachlorophenol	17.15	266	174882	48.09	nq	99
70) Phenanthrene	17.53	178	792433	31.13	nq	99
71) Anthracene	17.63	178	811693	31.82	nq	100
72) Carbazole	17.90	167	745901	31.21	nq	100
73) Di-n-butylphthalate	18.43	149	865464	29.49	nq	99
74) Fluoranthene	19.54	202	1039560	32.26	nq	97
76) Benzidine	19.71	184	104264	6.08	nq	99
77) Pyrene	19.89	202	1058253	33.42	nq	97
79) Butylbenzylphthalate	20.76	149	401411	31.80	nq	# 84
80) Benzo(a)anthracene	21.74	228	1033276	31.18	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	270412	20.21	nq	98
82) Chrysene	21.81	228	988522	32.24	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	565324	31.02	nq	98
84) Di-n-octyl phthalate	22.84	149	937675	31.61	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.84	276	1106009	29.67	nq	99
87) Benzo(b)fluoranthene	24.01	252	1017027	31.21	nq	98
88) Benzo(k)fluoranthene	24.08	252	1018913	31.54	nq	98
89) Benzo(a)pyrene	24.91	252	995883	32.17	nq	99
90) Dibenzo(a,h)anthracene	28.90	278	935605	29.57	nq	98
91) Benzo(g,h,i)perylene	30.03	276	920926	29.99	nq	98

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



#1

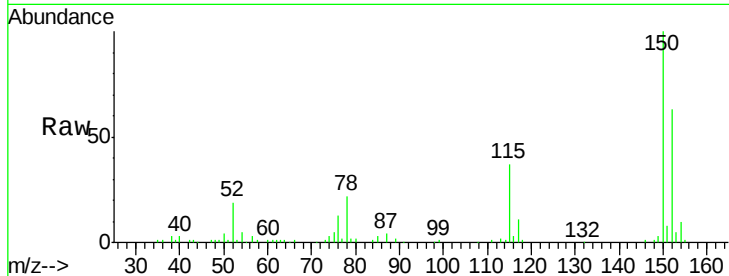
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

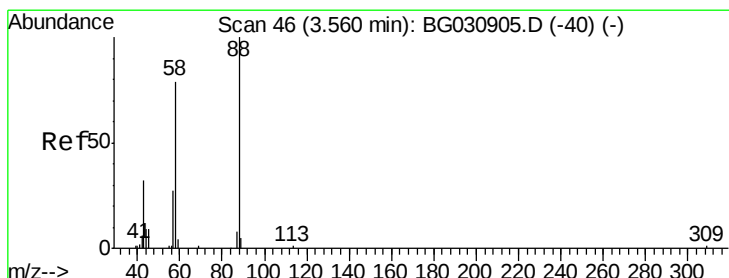
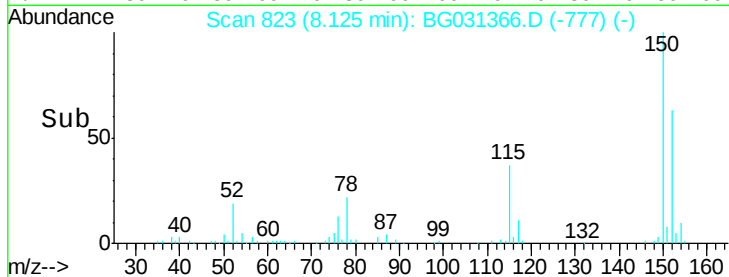
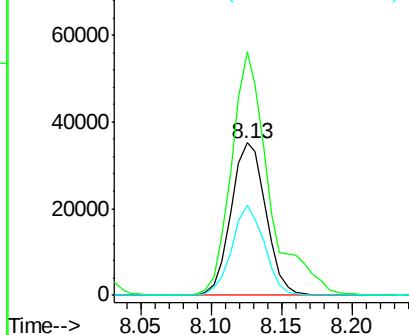
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	58.8	53.0	79.4

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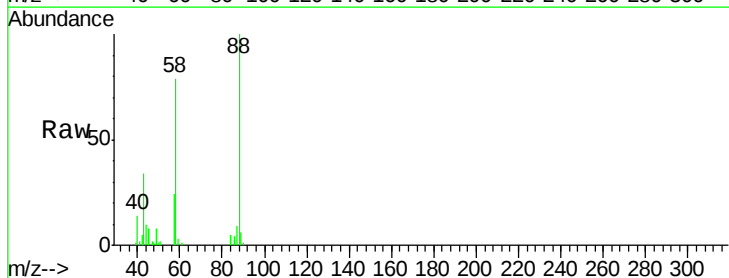
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



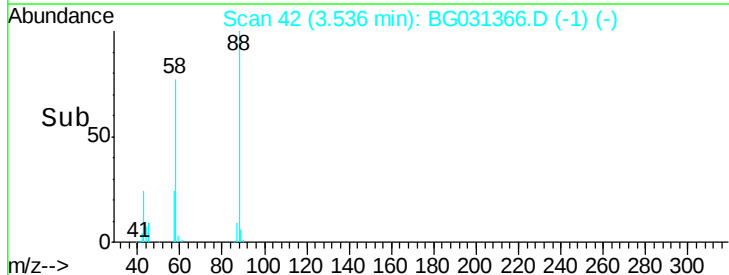
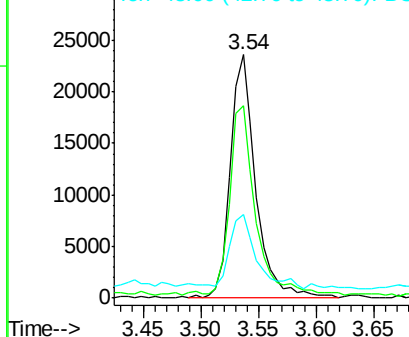
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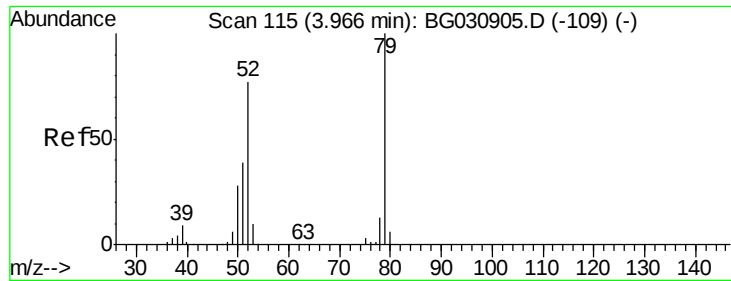
1,4-Dioxane
Concen: 25.16 ng
RT: 3.54 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	79.6	119.4#
43	33.2	27.4	41.0



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





#3

Pvridine

Concen: 5.66 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

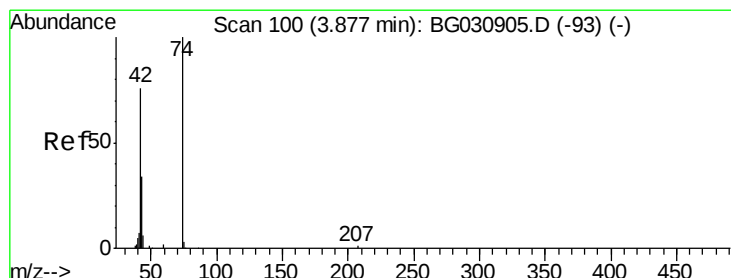
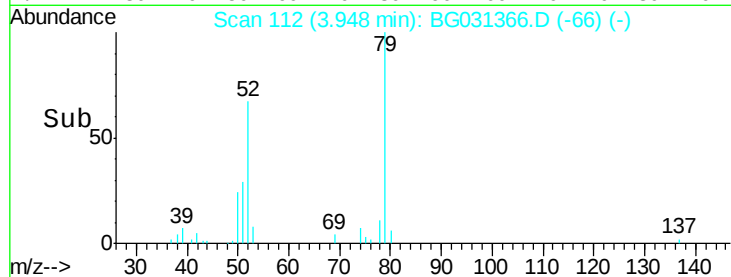
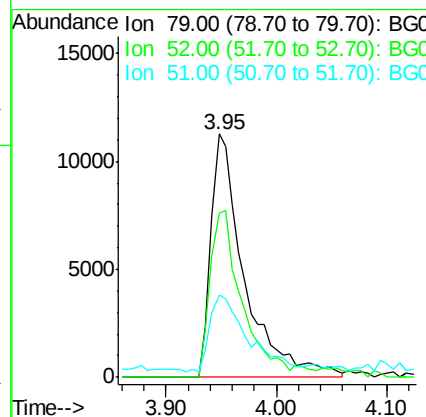
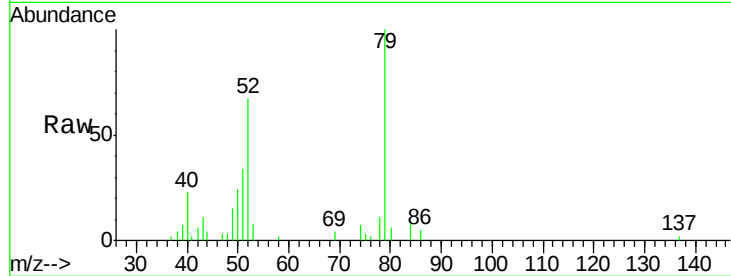
ClientSampled :

IDOC-SOIL-2

Tot Ion:	79	Resp:	23412
Ion Ratio	Lower	Upper	
79	100		
52	67.4	69.9	104.9#
51	34.0	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 25.40 ng

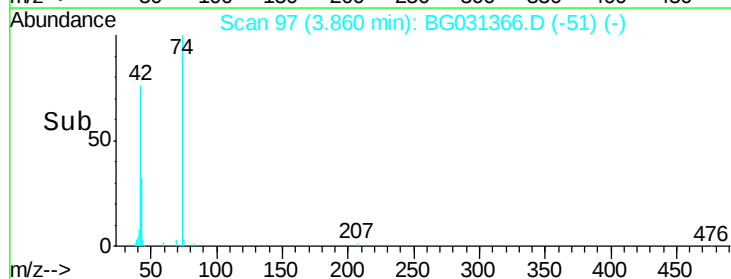
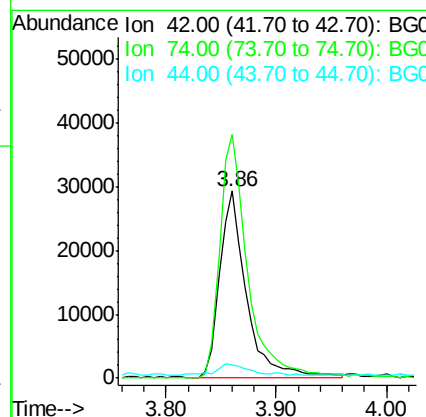
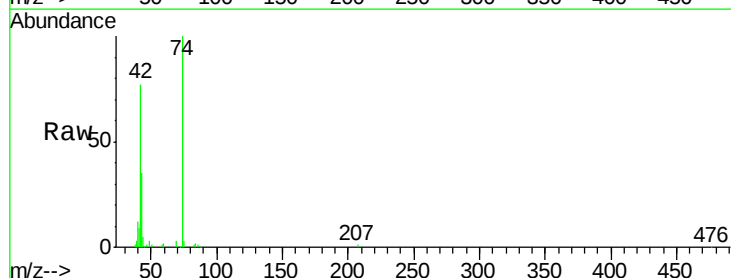
RT: 3.86 min Scan# 97

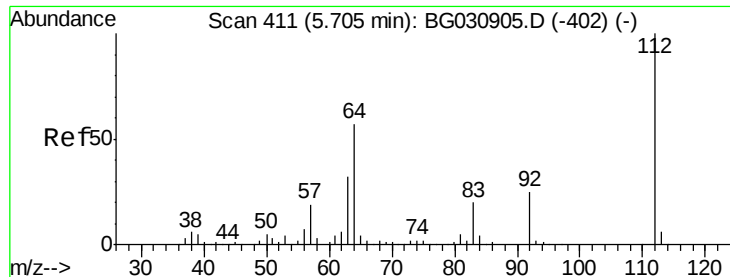
Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	42	Resp:	49802
Ion Ratio	Lower	Upper	
42	100		
74	130.4	102.5	153.7
44	7.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 93.26 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

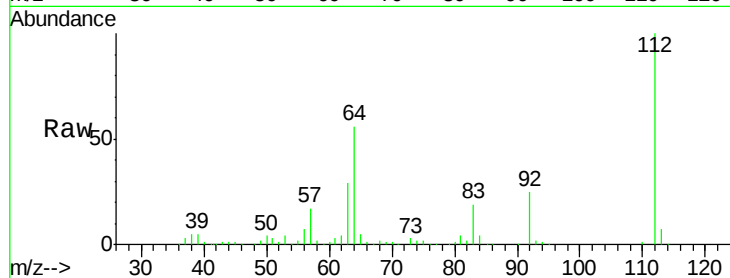
ClientSampled :

IDOC-SOIL-2

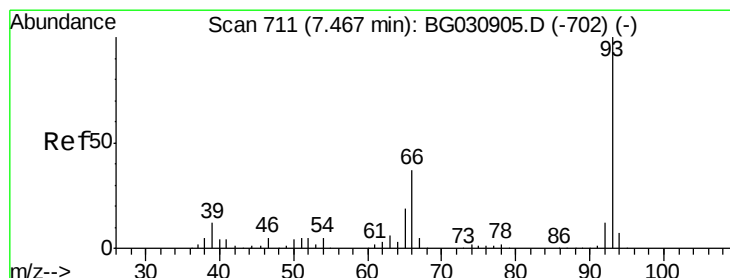
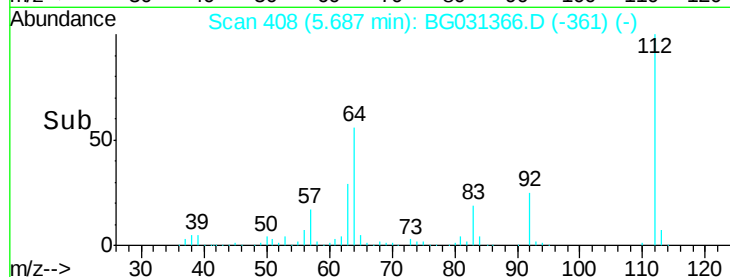
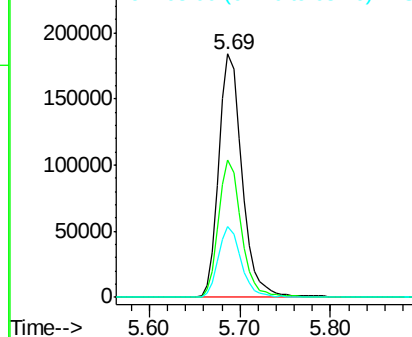
Tot Ion:	112	Resp:	327435
Ion Ratio	Lower	Upper	
112	100		
64	56.4	56.3	84.5
63	29.0	30.1	45.1#

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



#6

Aniline

Concen: 13.90 ng

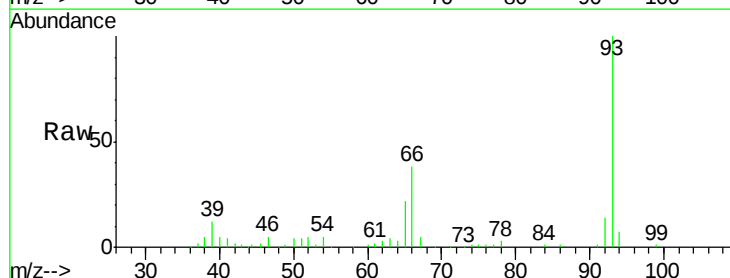
RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

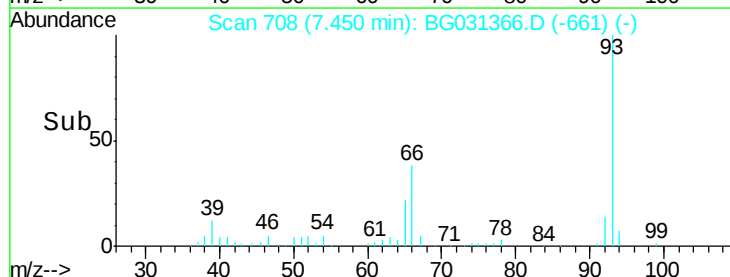
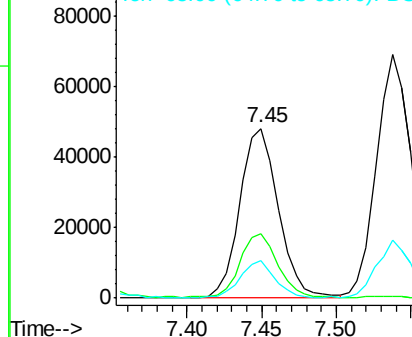
Lab File: BG031366.D

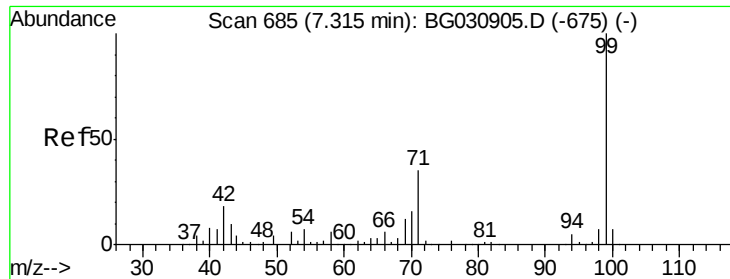
Acq: 5 Dec 2017 3:23

Tgt Ion:	93	Resp:	86504
Ion Ratio	Lower	Upper	
93	100		
66	37.7	33.7	50.5
65	22.0	16.1	24.1



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





#7

Phenol-d6

Concen: 92.82 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

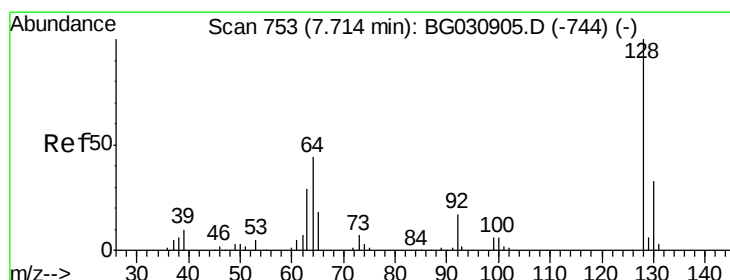
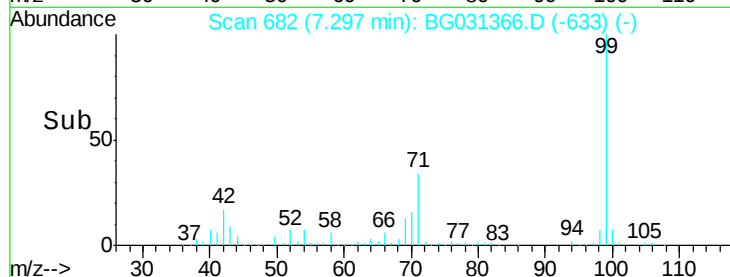
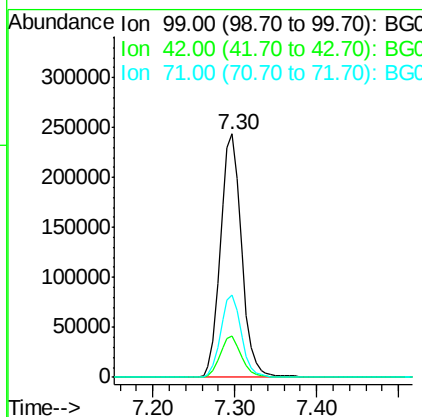
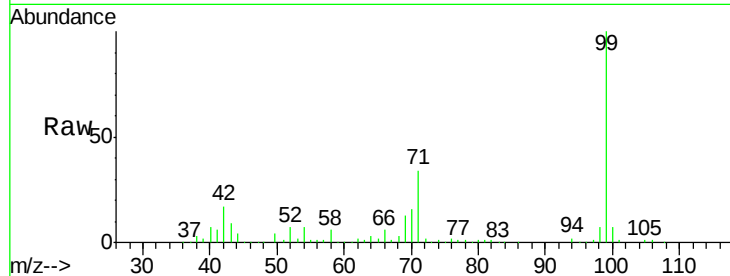
ClientSampleId :

IDOC-SOIL-2

Tot Ion:	99	Resp:	439053
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.1	21.1
71	33.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 32.81 ng

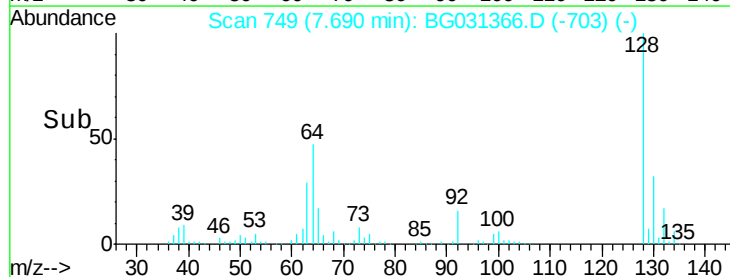
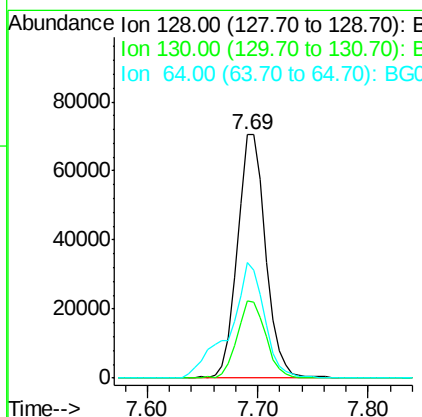
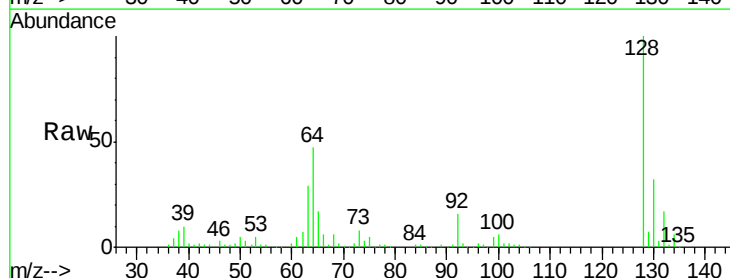
RT: 7.69 min Scan# 749

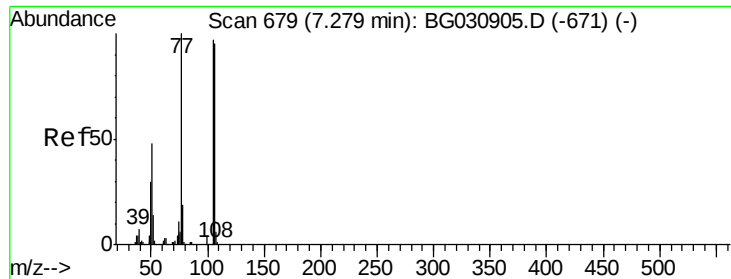
Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	128	Resp:	127116
Ion Ratio	Lower	Upper	
128	100		
130	31.8	14.0	54.0
64	47.3	37.7	77.7





#9

Benzaldehyde

Concen: 14.39 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

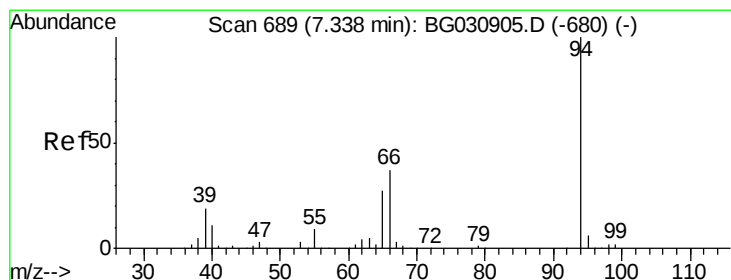
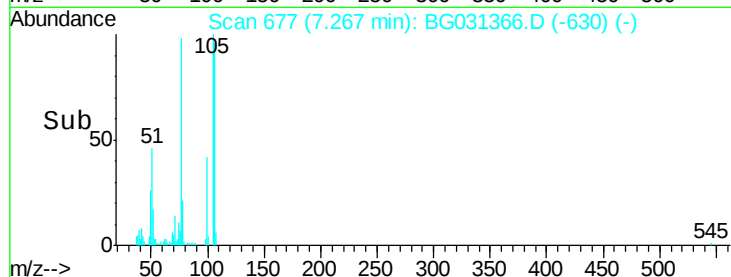
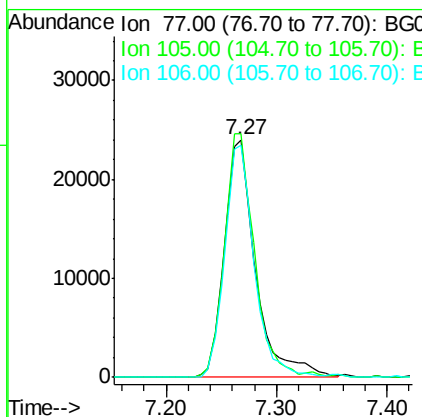
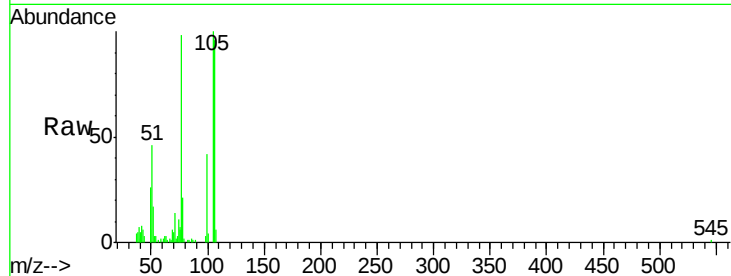
ClientSampleId :

IDOC-SOIL-2

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	102.4	71.3	111.3	
106	97.9	64.2	104.2	

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#10

Phenol

Concen: 33.29 ng

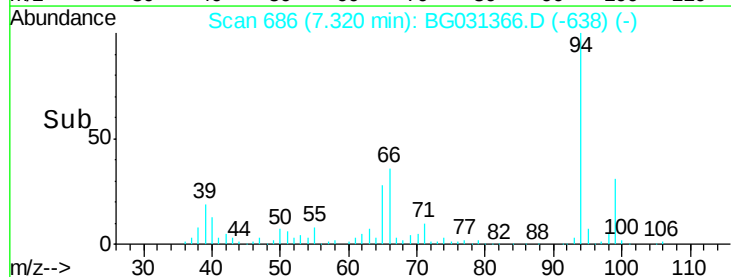
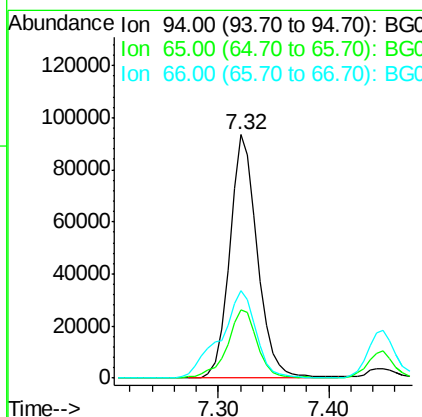
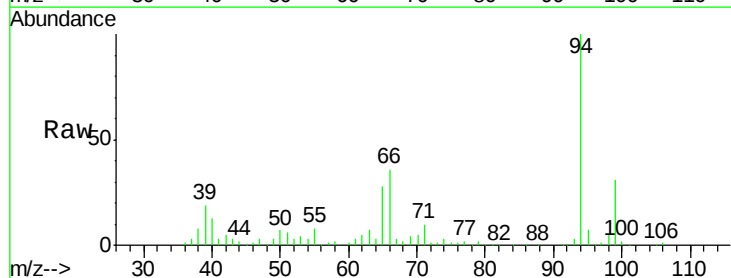
RT: 7.32 min Scan# 686

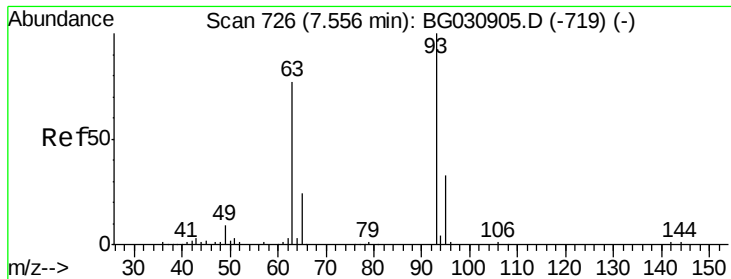
Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.1	11.9	51.9	
66	35.7	22.2	62.2	





#11

bis(2-Chloroethyl)ether

Concen: 28.29 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

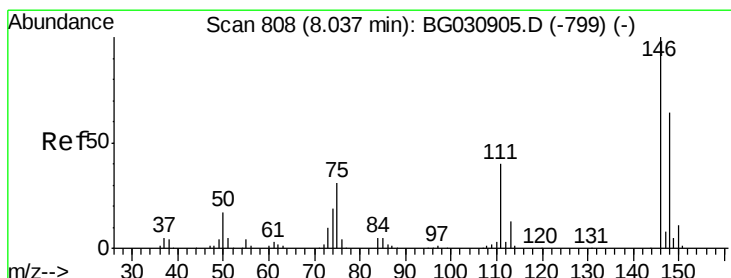
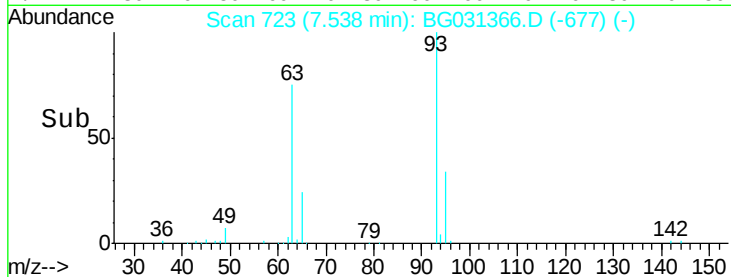
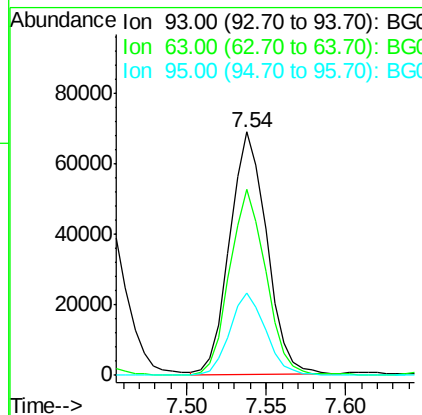
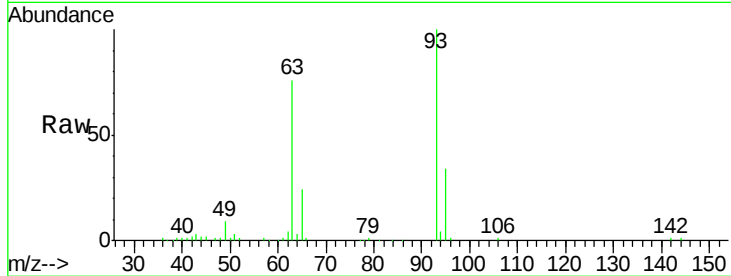
ClientSampleId :

IDOC-SOIL-2

Tot Ion:	93	Resp:	110971
Ion Ratio	Lower	Upper	
93	100		
63	76.3	67.1	107.1
95	33.7	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 29.44 ng

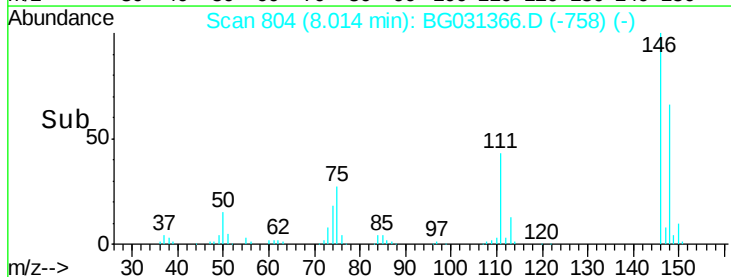
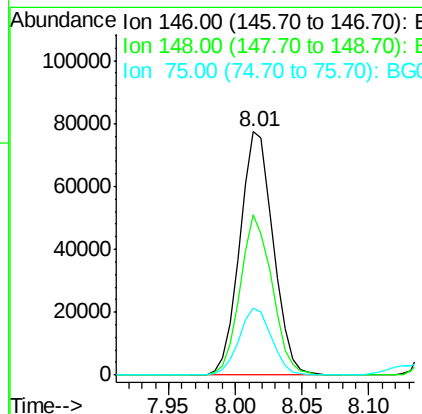
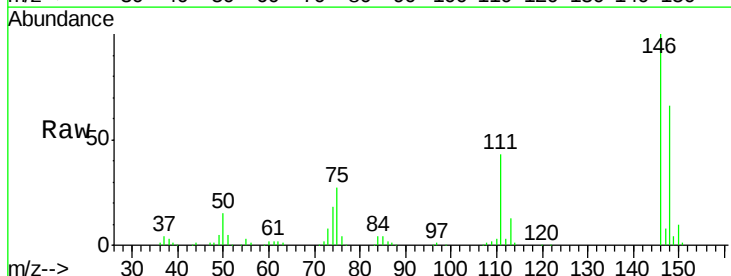
RT: 8.01 min Scan# 804

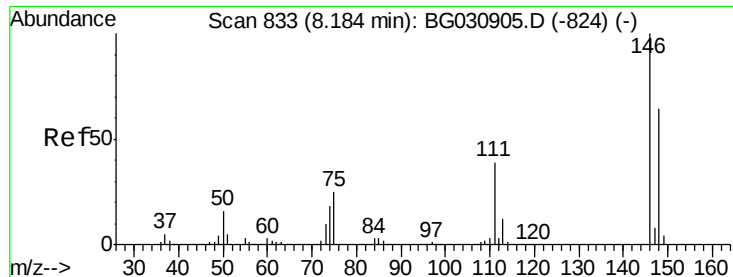
Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	146	Resp:	133840
Ion Ratio	Lower	Upper	
146	100		
148	66.0	51.4	77.2
75	27.4	26.6	39.8





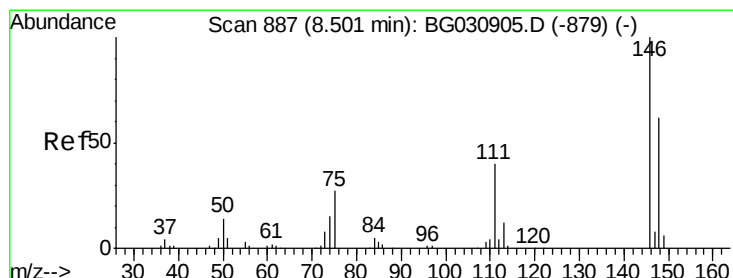
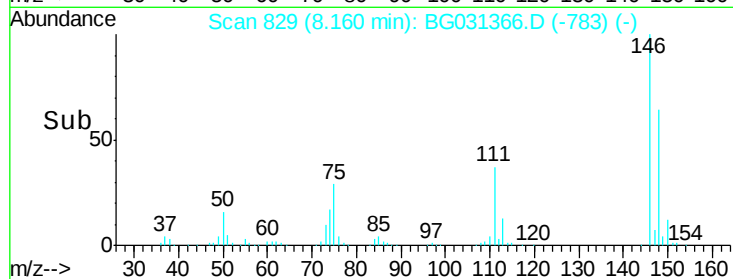
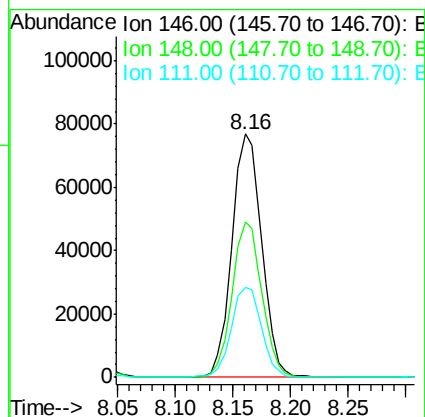
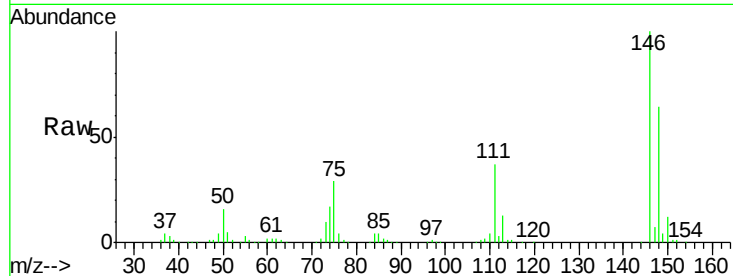
#13
 1,4-Dichlorobenzene
 Concen: 29.77 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampled :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.7	80.5
111	36.9	35.2	52.8

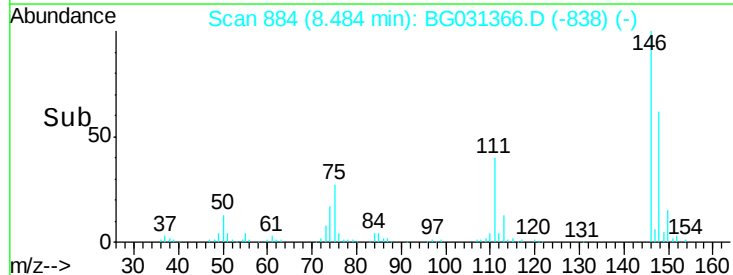
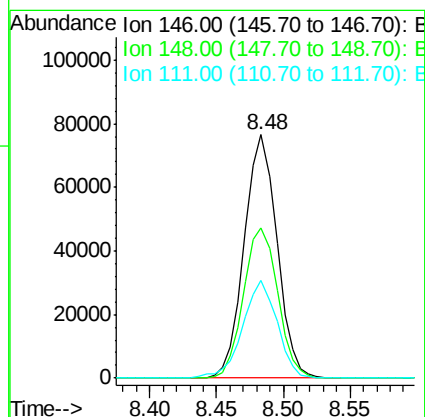
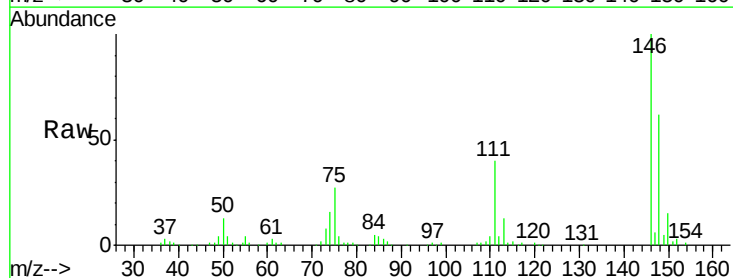
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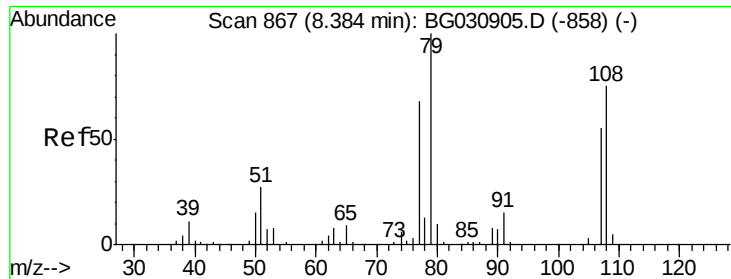
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 29.38 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	49.3	73.9
111	40.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 27.41 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

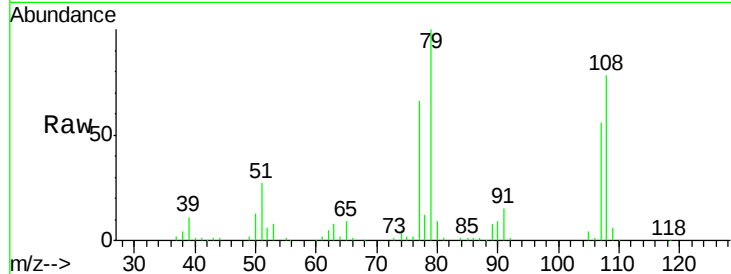
ClientSampleId :

IDOC-SOIL-2

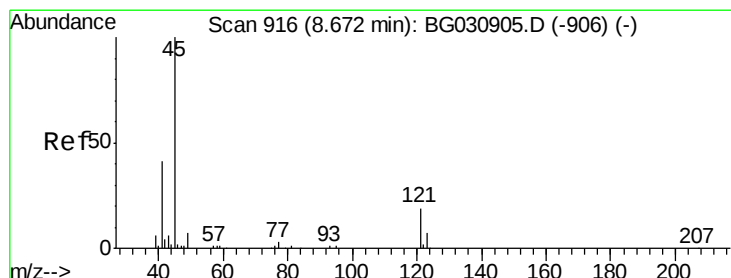
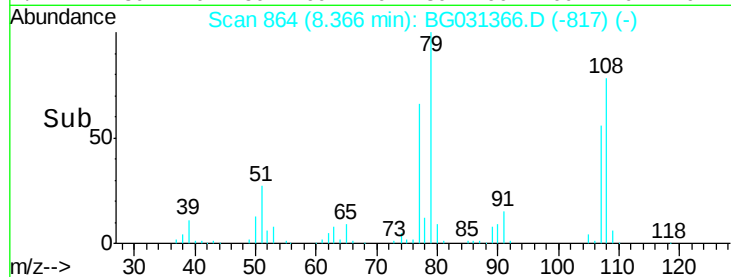
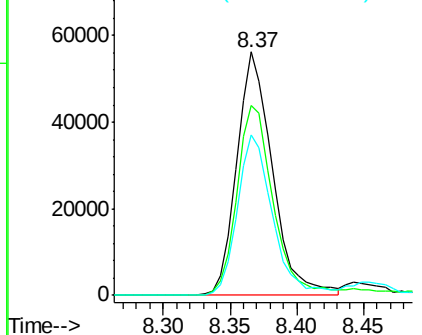
Tot Ion:	79	Resp:	104010
Ion Ratio	Lower	Upper	
79	100		
108	78.0	57.2	85.8
77	65.8	46.1	69.1

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.18 ng

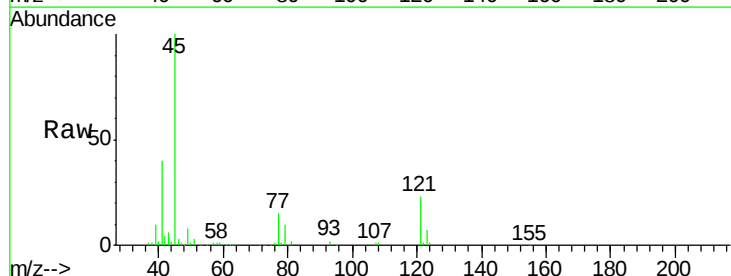
RT: 8.65 min Scan# 912

Delta R.T. -0.03 min

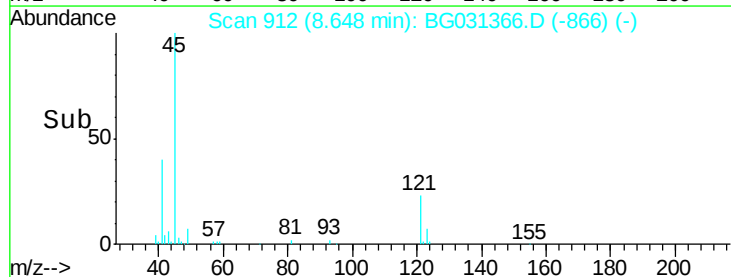
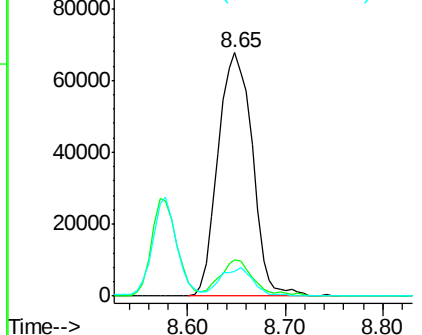
Lab File: BG031366.D

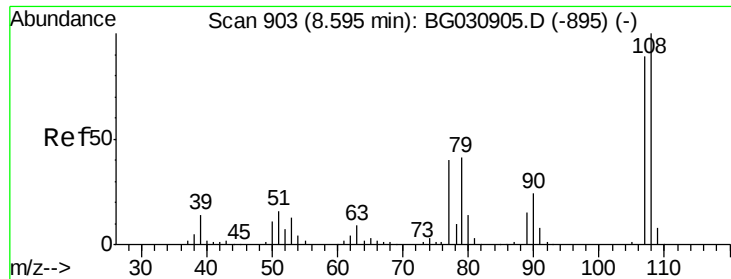
Acq: 5 Dec 2017 3:23

Tgt Ion:	45	Resp:	165399
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	30.2
79	10.0	0.0	27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





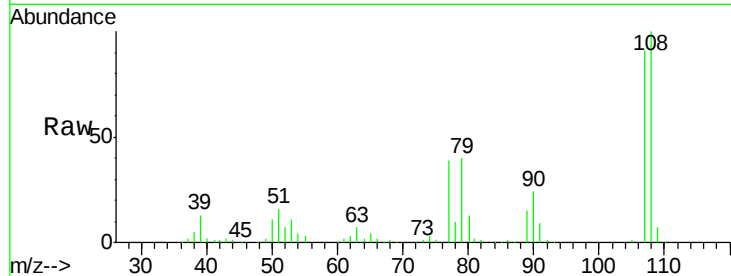
#17
2-Methylphenol
Concen: 32.20 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-2

Tot Ion:	107	Resp:	110147
Ion Ratio	Lower	Upper	
107	100		
108	109.9	83.9	125.9
77	42.7	37.2	55.8
79	44.2	36.2	54.2

Manual Integrations
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Abundance

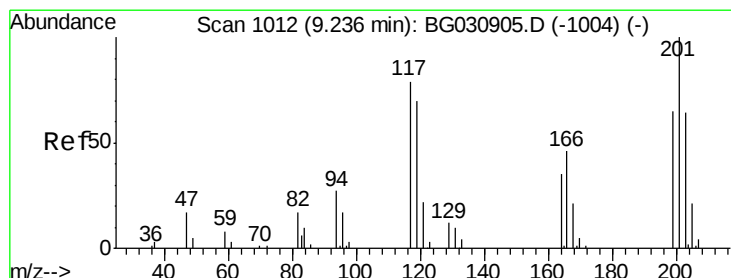
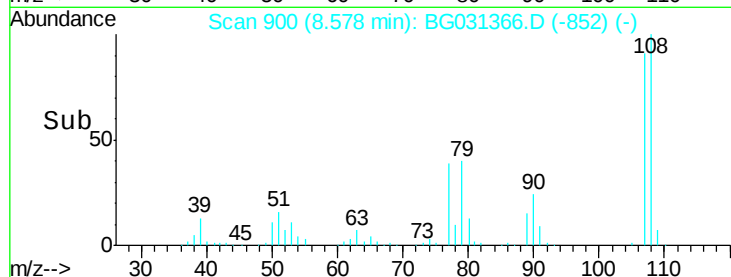
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

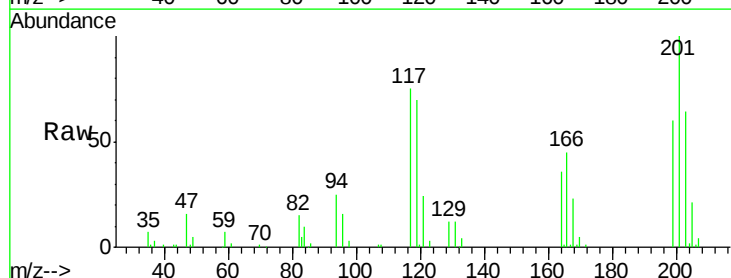
Ion 79.00 (78.70 to 79.70): BG

Time-->



#18
Hexachloroethane
Concen: 28.87 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:	117	Resp:	46286
Ion Ratio	Lower	Upper	
117	100		
119	93.4	76.7	115.1
201	134.2	95.7	143.5



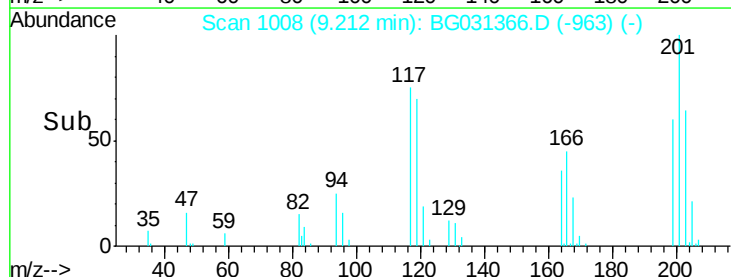
Abundance

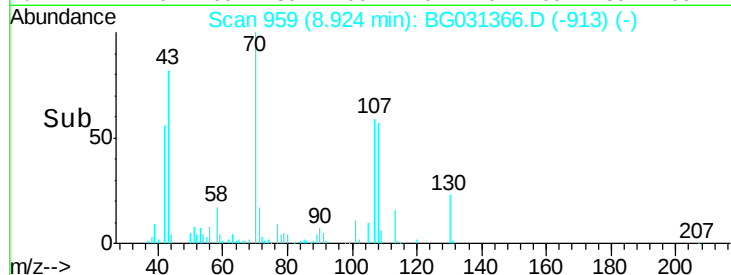
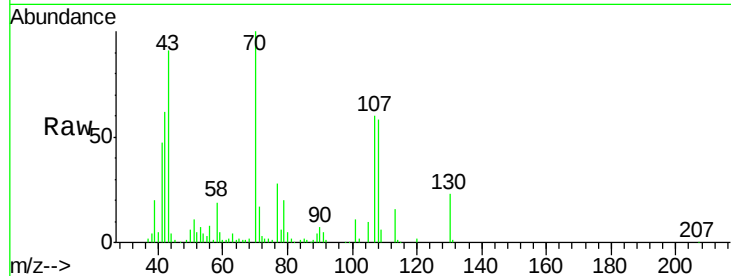
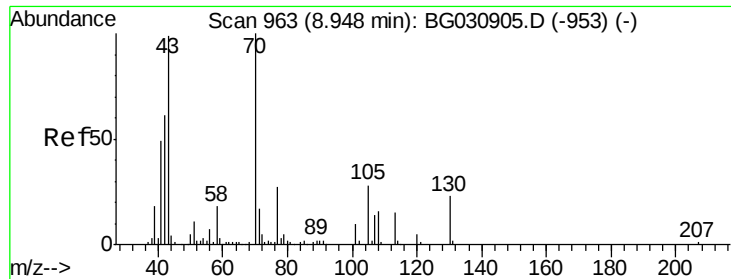
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





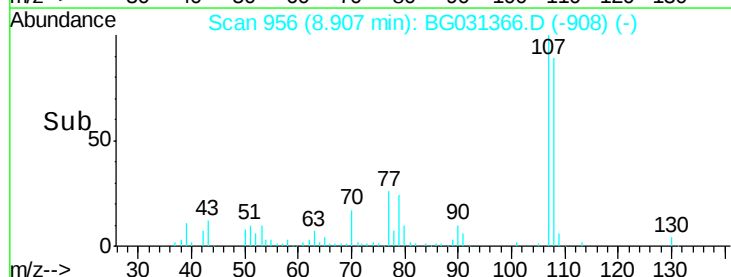
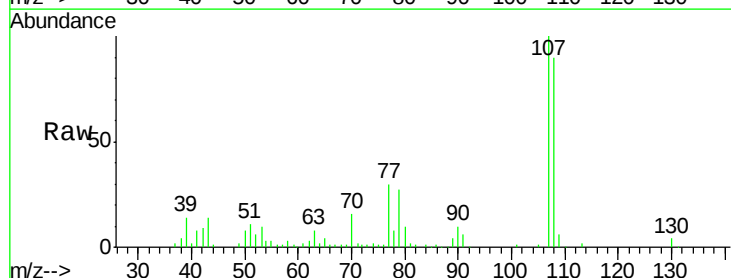
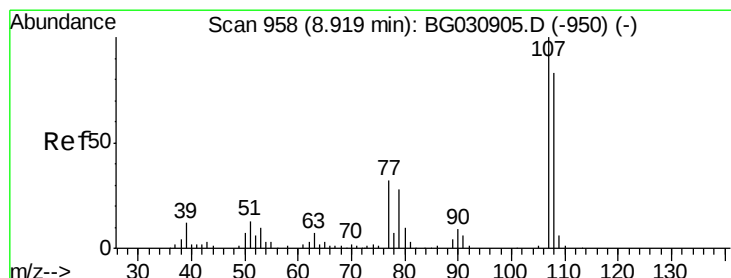
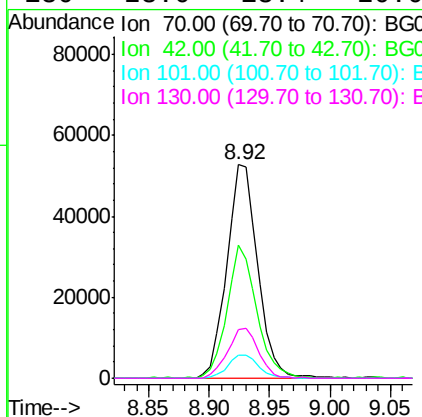
#19
n-Nitroso-di-n-propylamine
Concen: 26.01 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.1	73.7
101	10.7	8.5	12.7
130	23.0	13.4	20.0

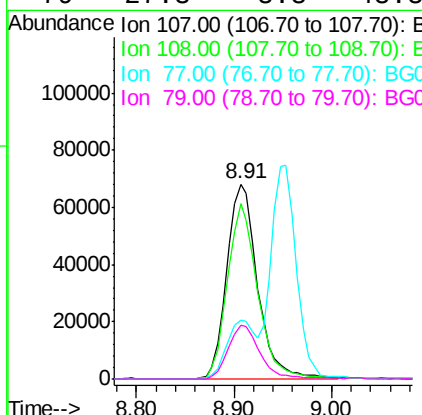
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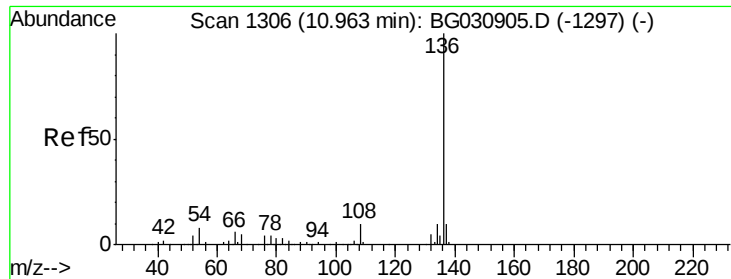
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#20
3+4-Methylphenols
Concen: 30.62 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	61.6	101.6
77	30.4	13.9	53.9
79	27.3	8.8	48.8





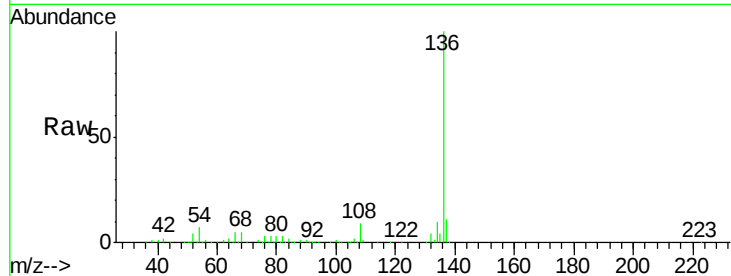
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

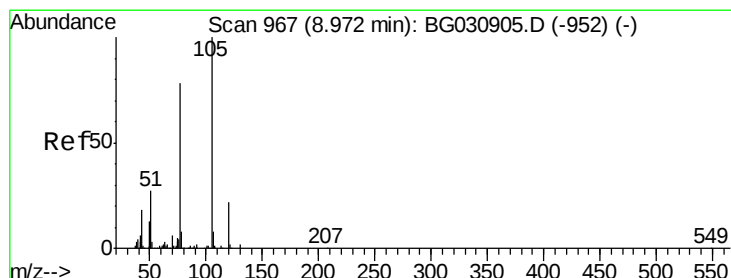
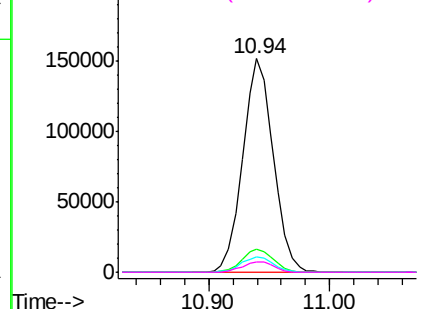
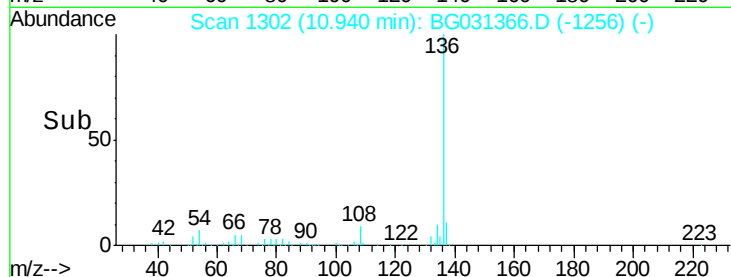
Tot Ion	Ratio	Resp	Lower	Upper
136	100	266668		
137	10.6		9.2	13.8
54	7.0		10.3	15.5#
68	5.0		4.5	6.7

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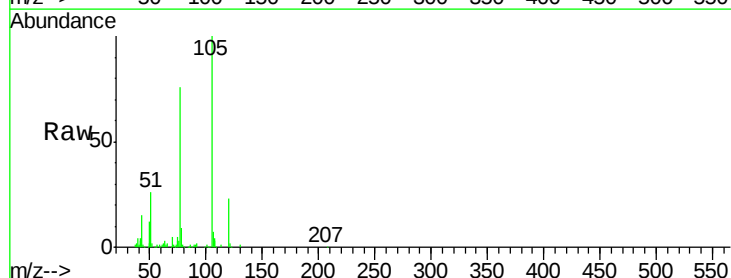


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

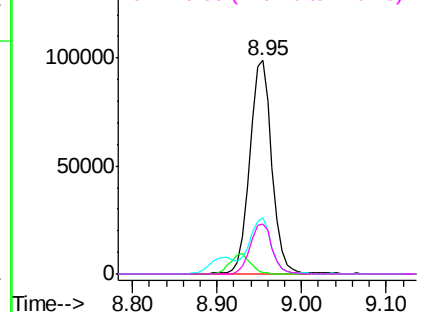
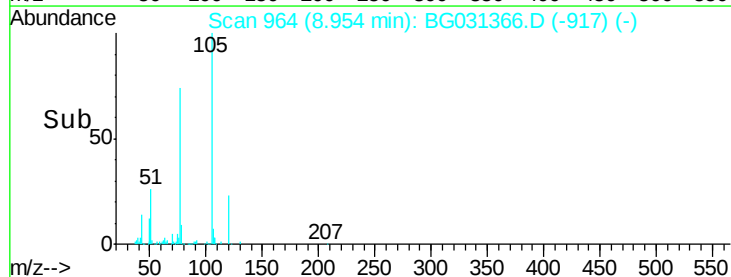


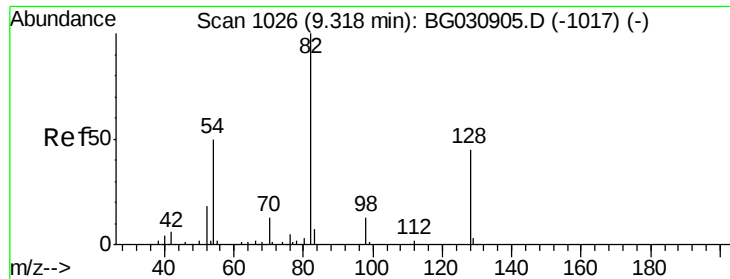
#22
Acetophenone
Concen: 27.12 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180042		
71	0.7		3.0	4.4#
51	26.4		26.1	39.1
120	23.4		17.4	26.2



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





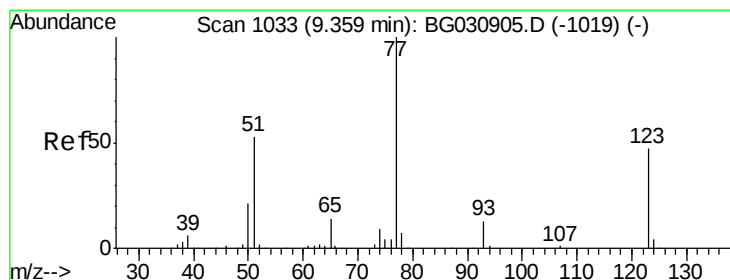
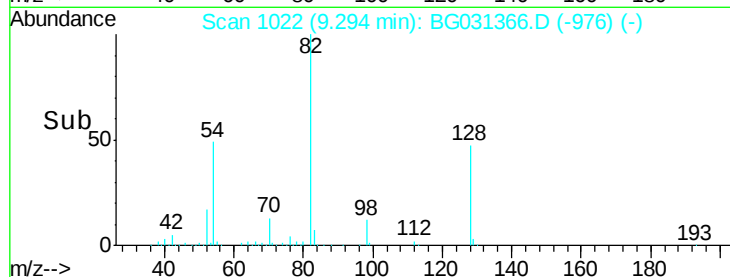
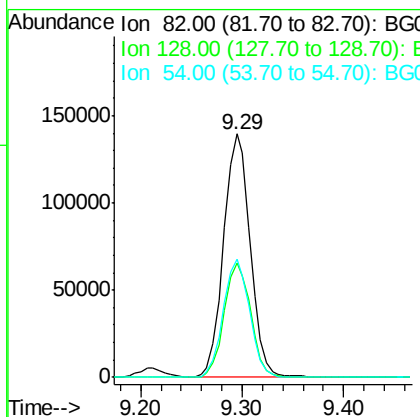
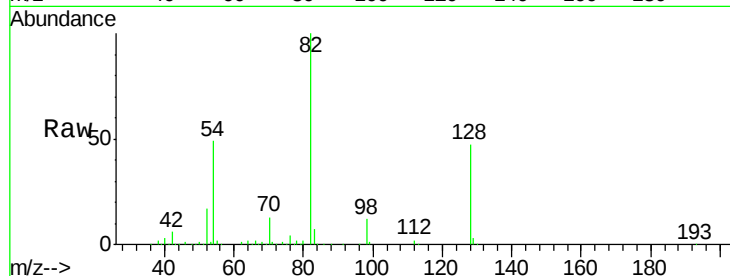
#23
Nitrobenzene-d5
Concen: 56.35 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	29.7	44.5#	
54	48.7	43.1	64.7	

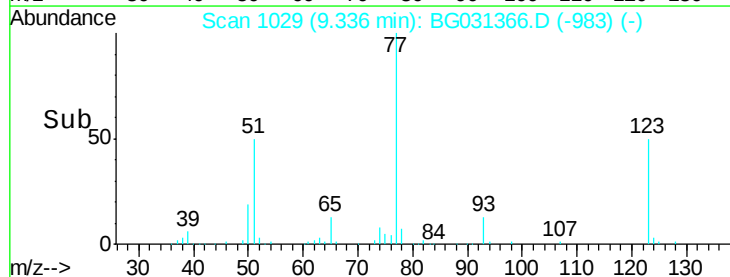
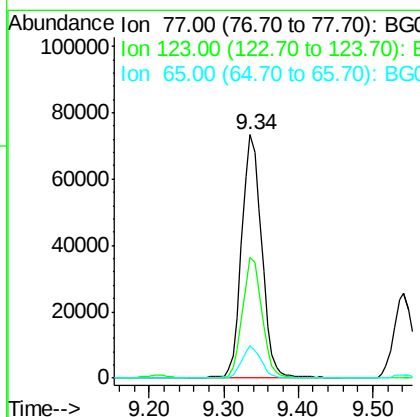
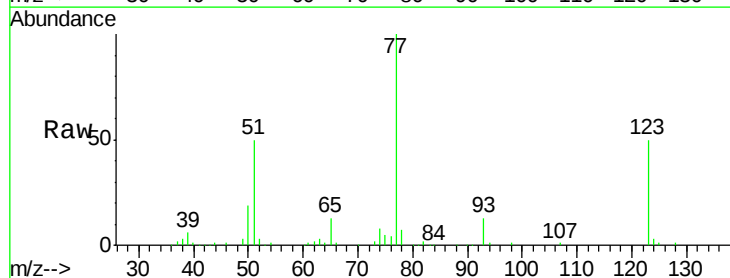
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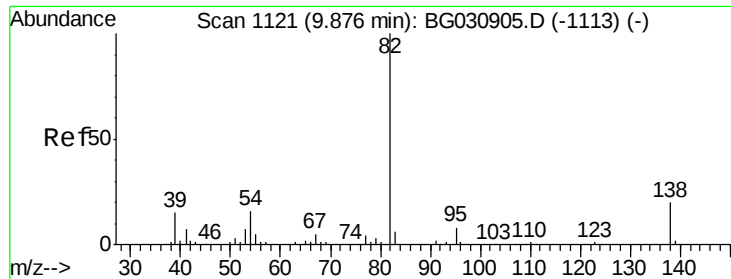
Sohil
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#24
Nitrobenzene
Concen: 29.75 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.7	33.0	49.6#	
65	13.1	13.0	19.6	





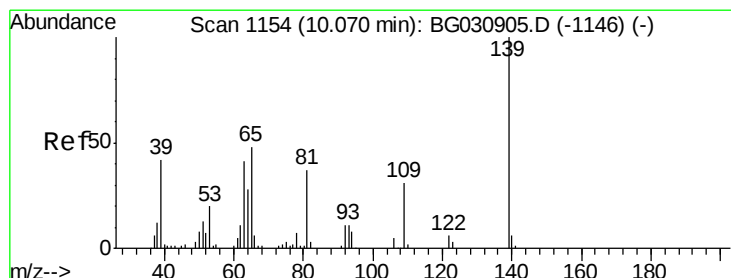
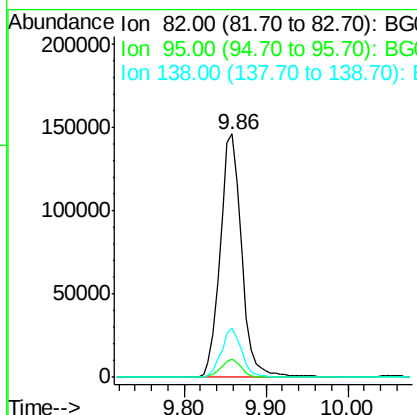
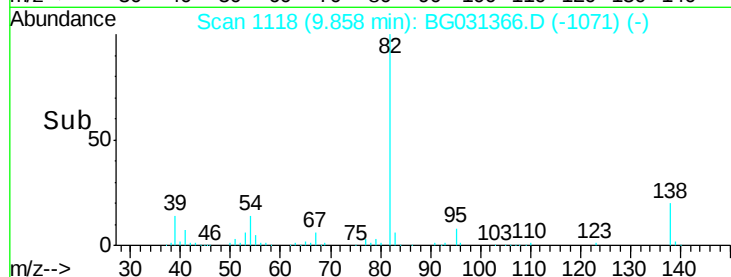
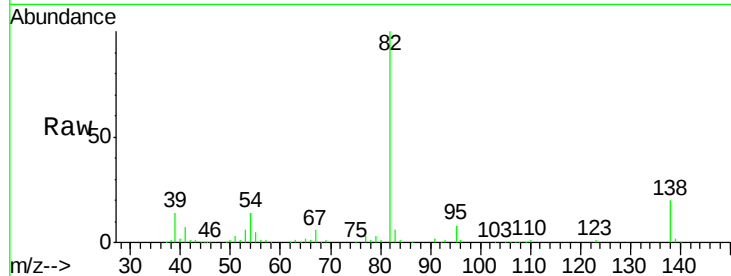
#25
Isophorone
Concen: 30.35 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.6	6.2	9.2
138	20.2	12.1	18.1

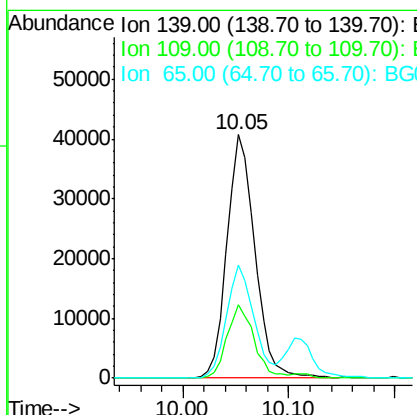
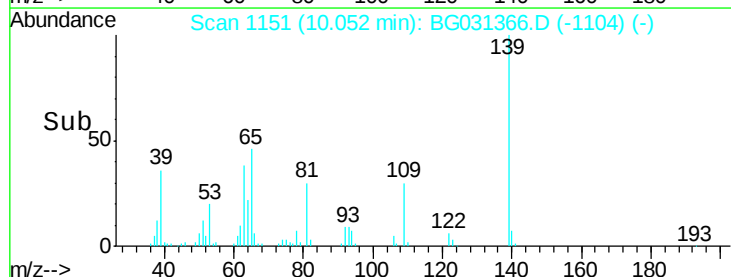
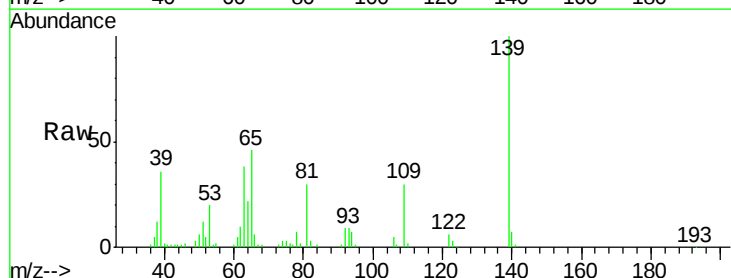
Manual Integrations
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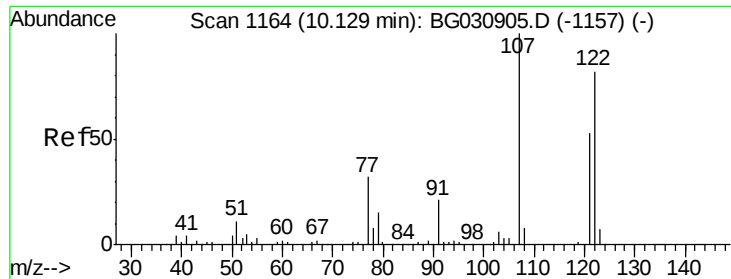
Sohil
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#26
2-Nitrophenol
Concen: 31.03 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	30.1	24.2	36.2
65	46.5	47.4	71.0





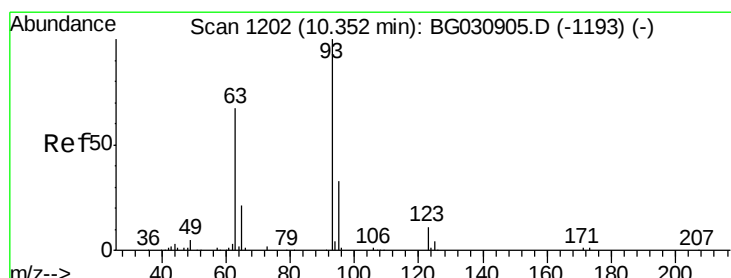
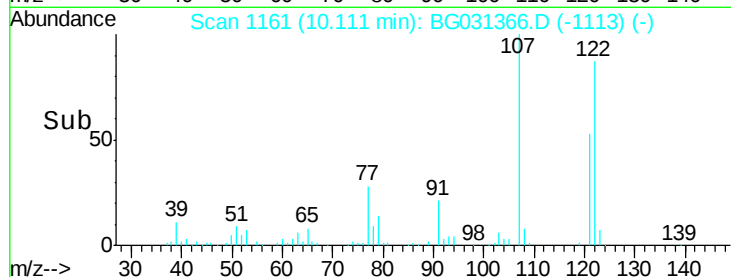
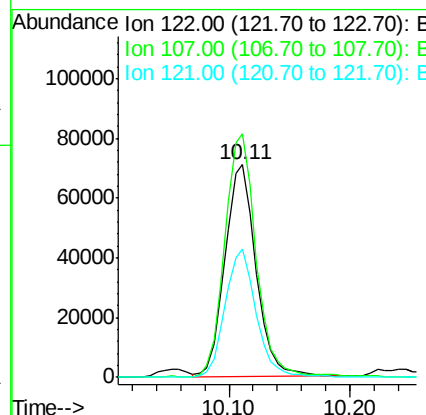
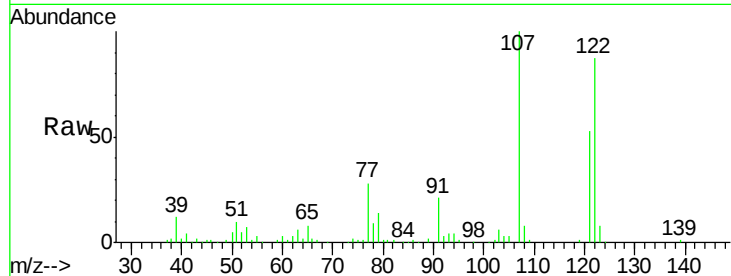
#27
 2,4-Dimethylphenol
 Concen: 35.62 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		126701		
107	114.7	100.2	150.2		
121	60.3	44.4	66.6		

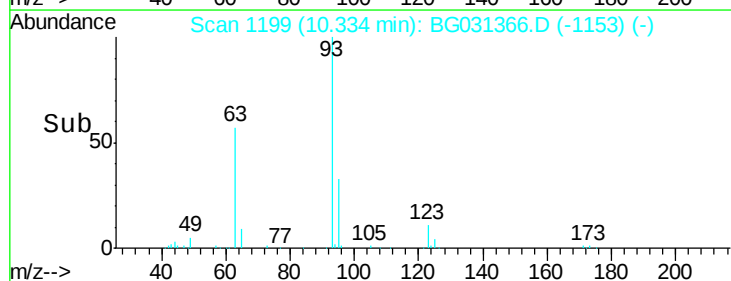
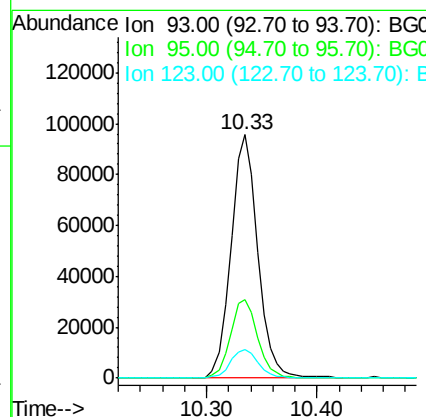
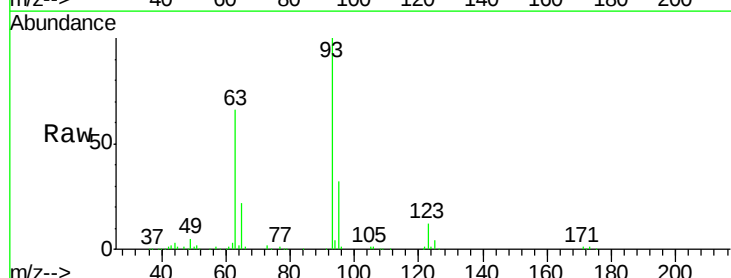
Manual Integrations
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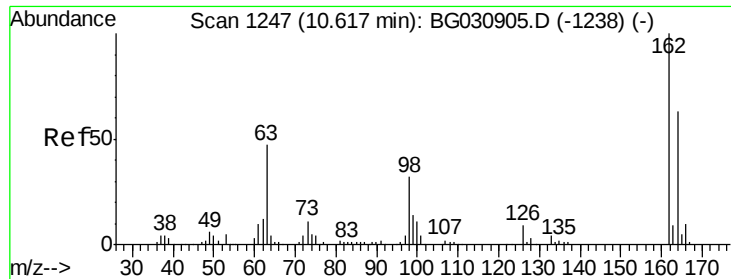
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#28
 bis(2-Chloroethoxy)methane
 Concen: 29.40 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		162539		
95	32.4	24.3	36.5		
123	11.8	8.4	12.6		





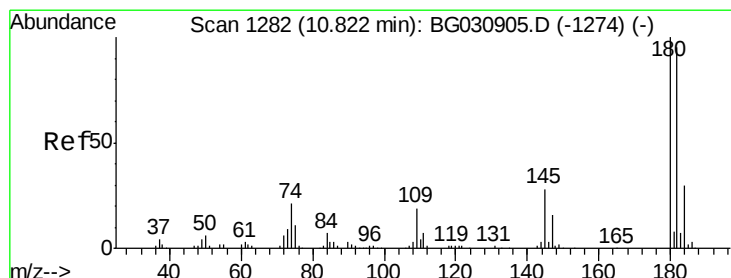
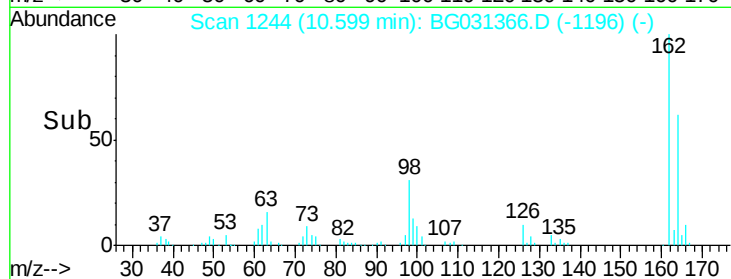
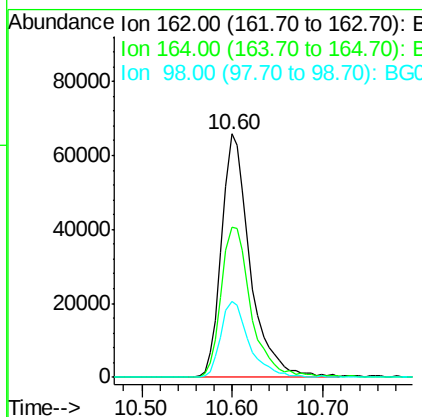
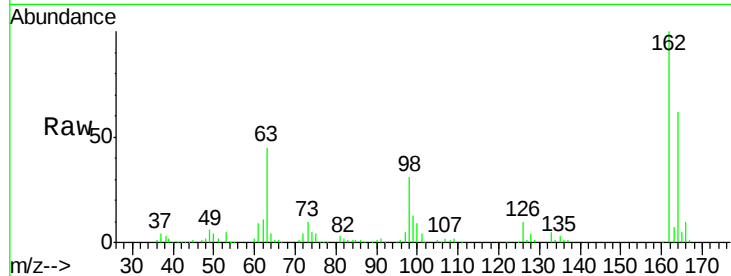
#29
2,4-Dichlorophenol
Concen: 33.71 ng
RT: 10.60 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.7	48.0	88.0
98	31.0	21.1	61.1

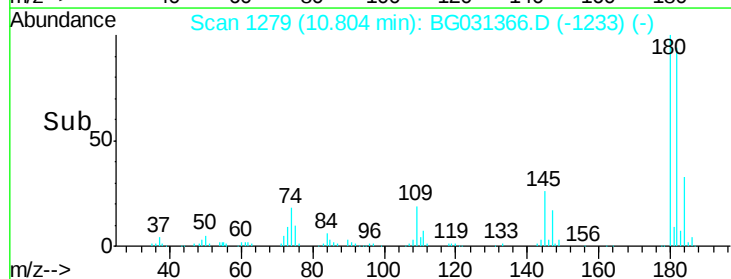
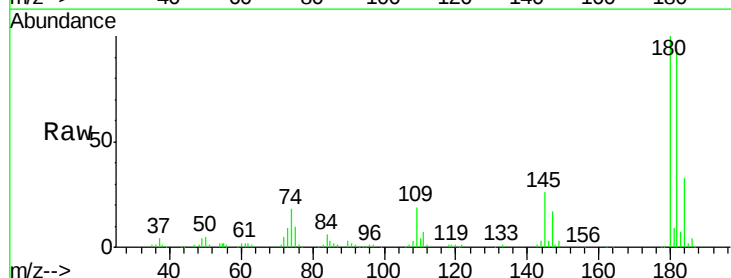
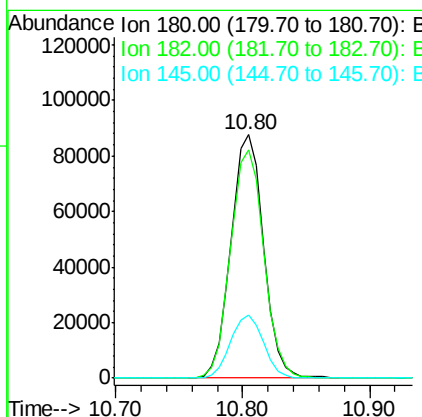
Manual Integrations
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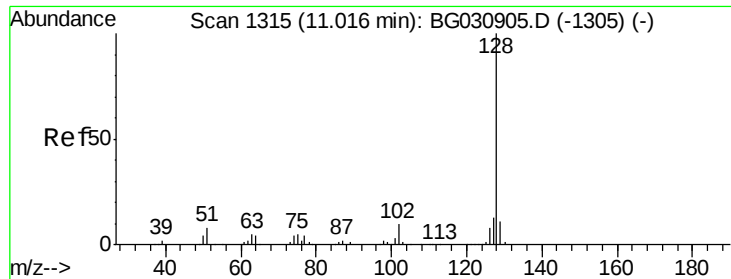
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#30
1,2,4-Trichlorobenzene
Concen: 30.46 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	77.5	116.3
145	25.8	23.4	35.2





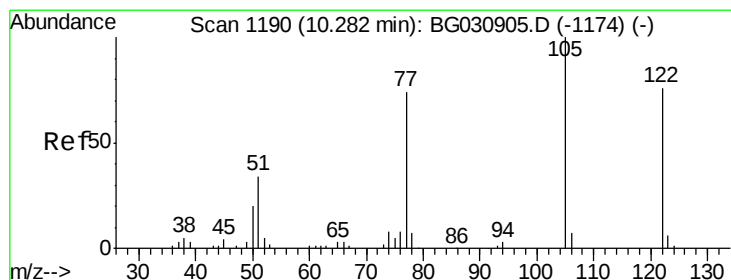
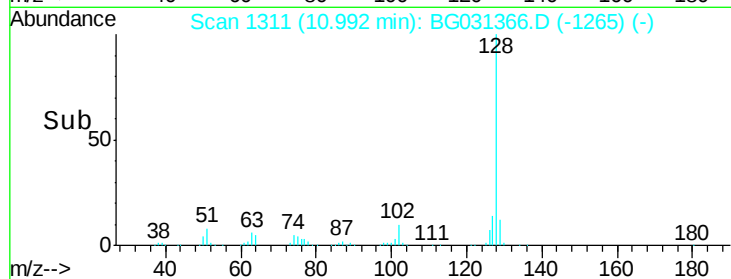
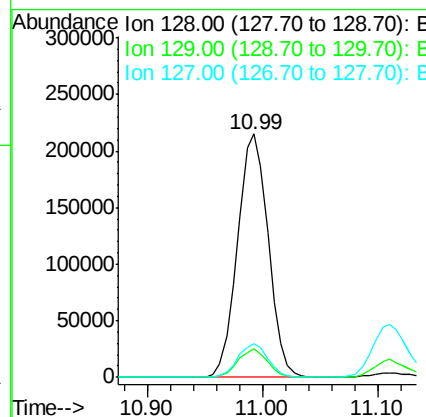
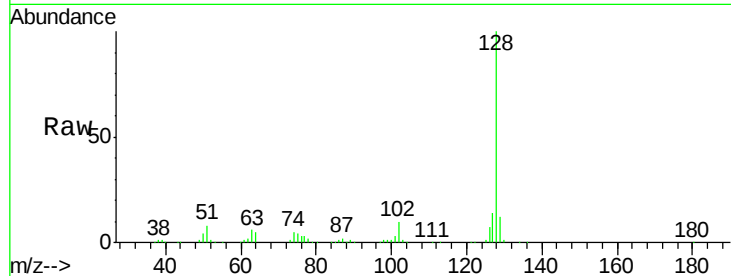
#31
Naphthalene
Concen: 30.22 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
128	100	396163		
129	11.6	8.6	12.8	
127	13.9	11.6	17.4	

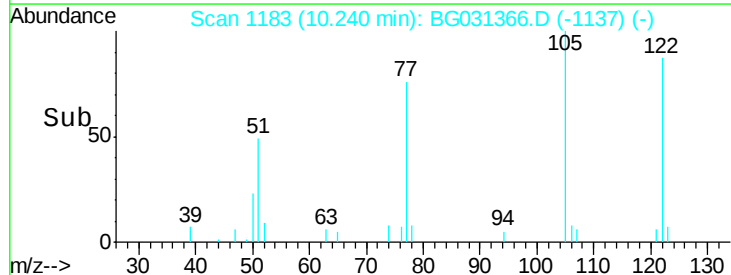
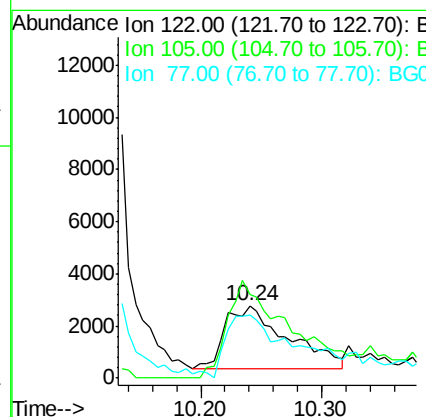
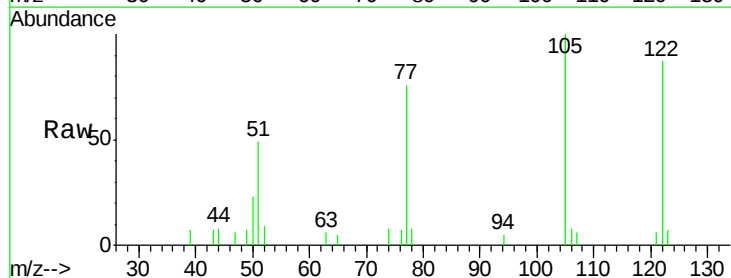
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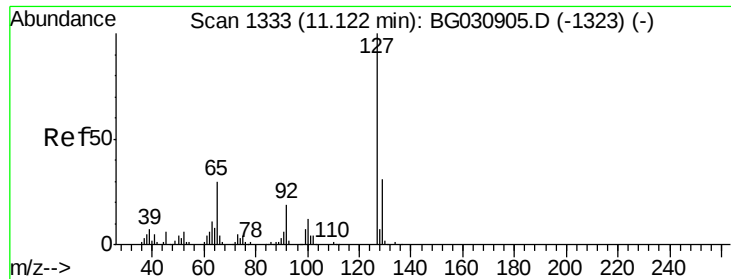
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#32
Benzoic acid
Concen: 8.22 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8589		
105	115.5	123.5	163.5#	
77	87.8	85.7	125.7	





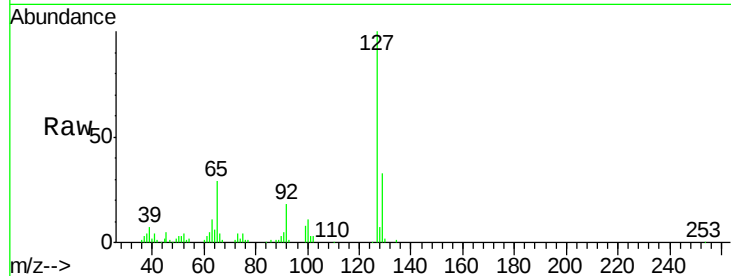
#33
4-Chloroaniline
Concen: 18.32 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

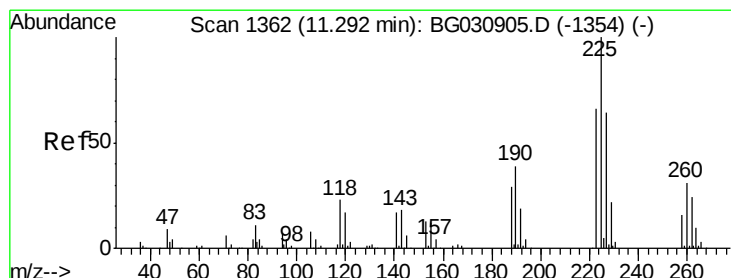
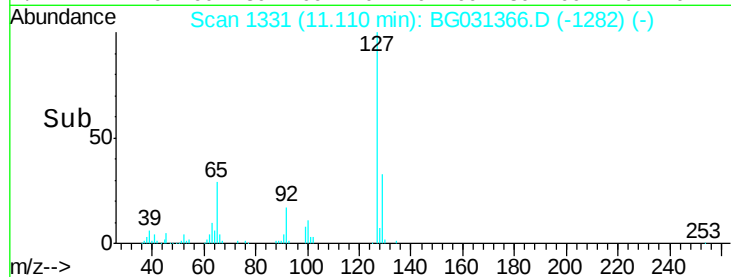
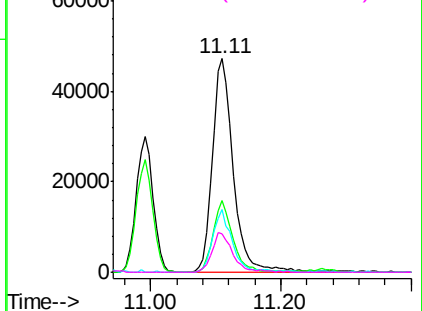
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	24.0	36.0		
65	29.3	27.0	40.4		
92	17.7	16.6	25.0		

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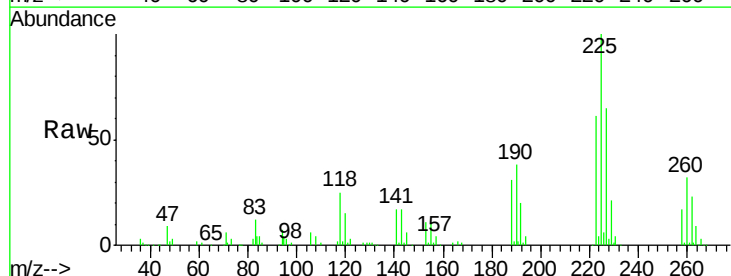


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

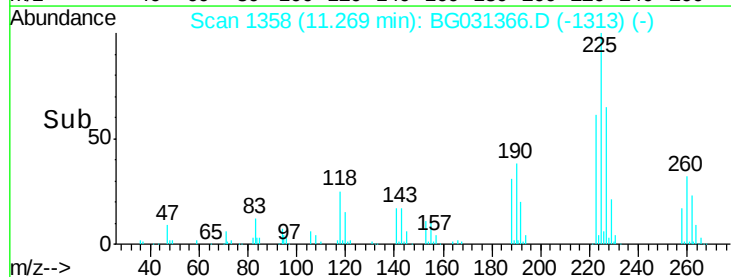
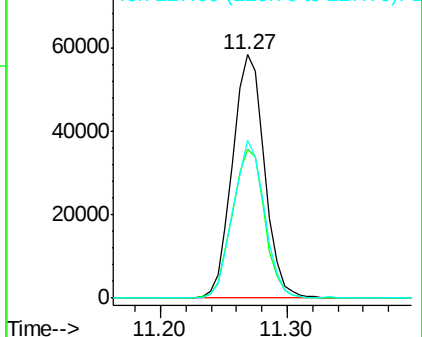


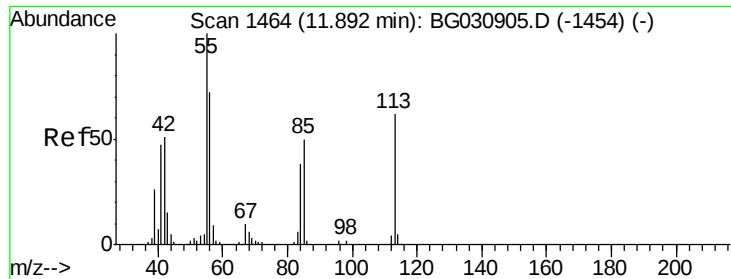
#34
Hexachlorobutadiene
Concen: 28.73 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.7	74.5		
227	64.7	48.1	72.1		



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





#35

Caprolactam

Concen: 22.58 ng/ml

RT: 11.87 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

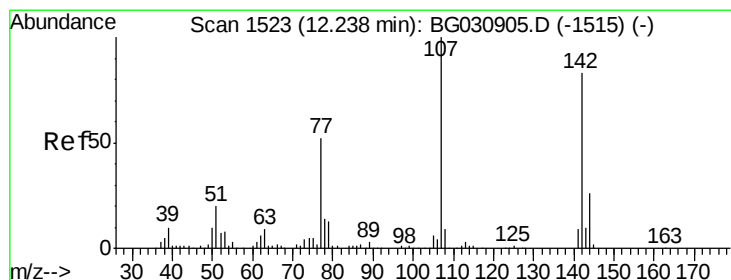
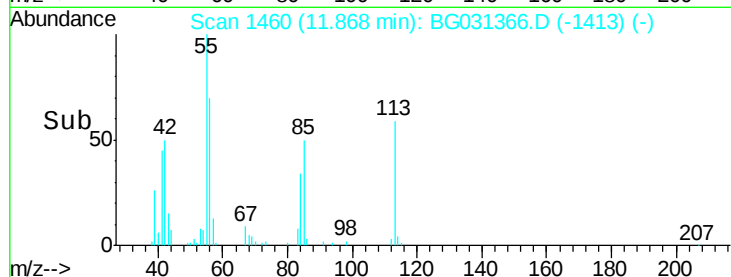
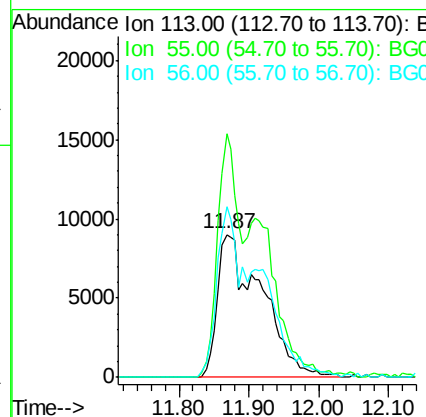
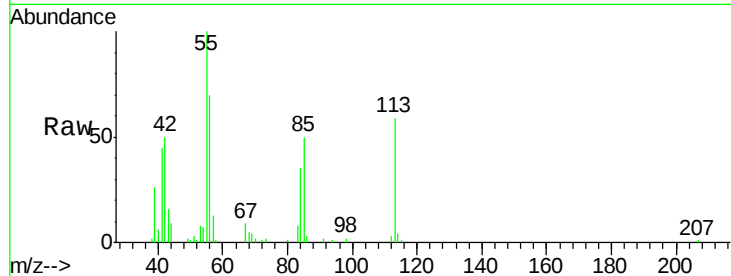
ClientSampleId :

IDOC-SOIL-2

Tot Ion:	113	Resp:	39405
Ion Ratio	Lower	Upper	
113	100		
55	170.8	186.9	226.9#
56	119.4	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 31.84 ng/ml

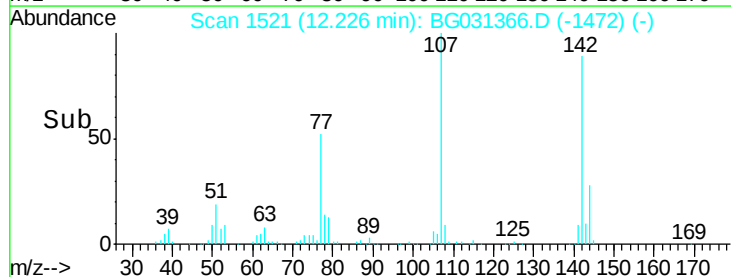
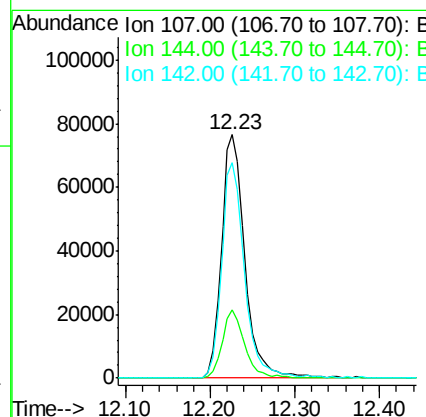
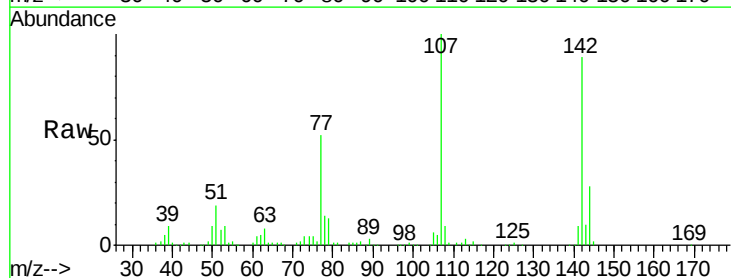
RT: 12.23 min Scan# 1521

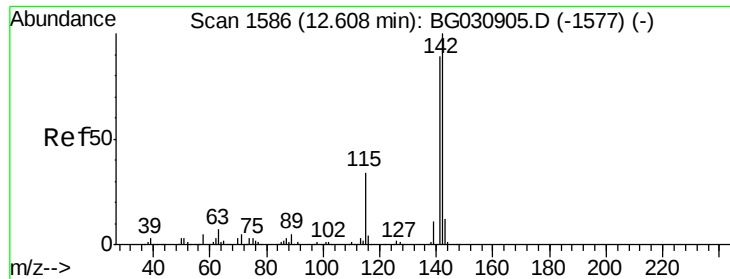
Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	107	Resp:	148014
Ion Ratio	Lower	Upper	
107	100		
144	28.0	18.2	27.4#
142	88.5	59.0	88.4#





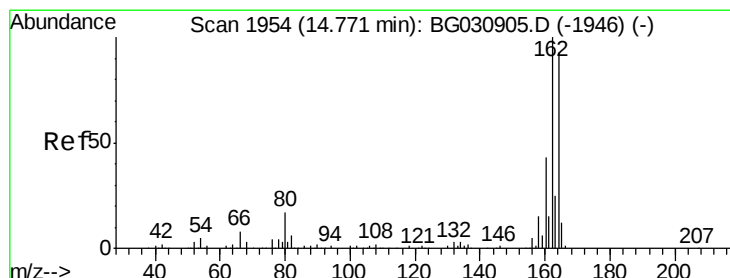
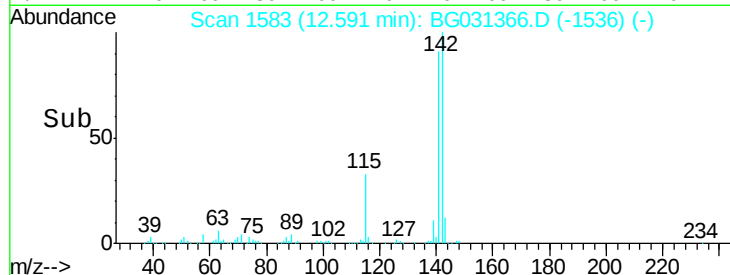
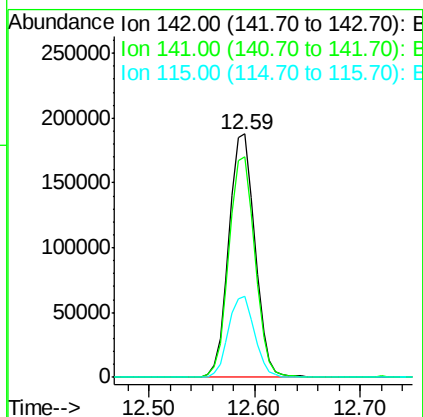
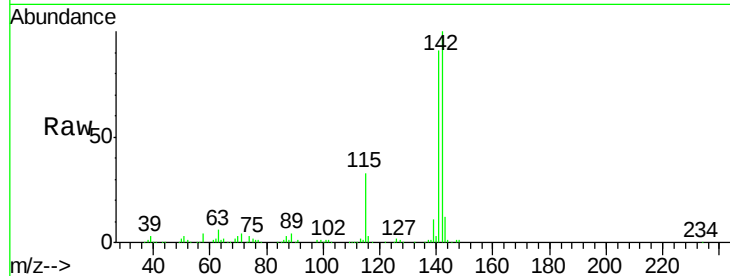
#37
2-Methylnaphthalene
Concen: 31.64 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	33.3	30.7	46.1

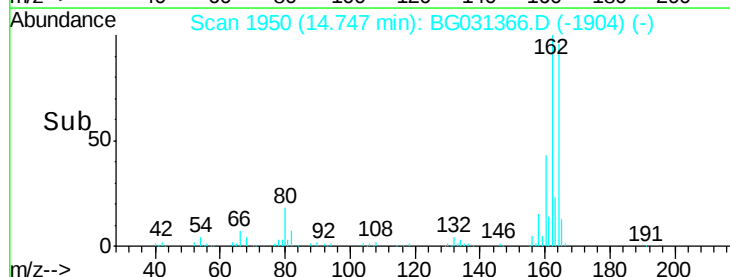
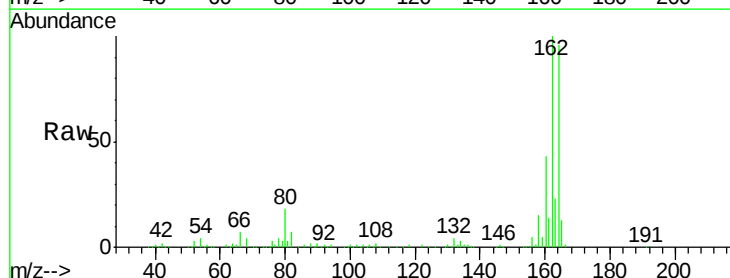
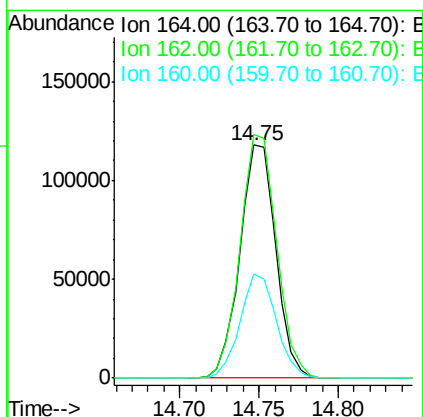
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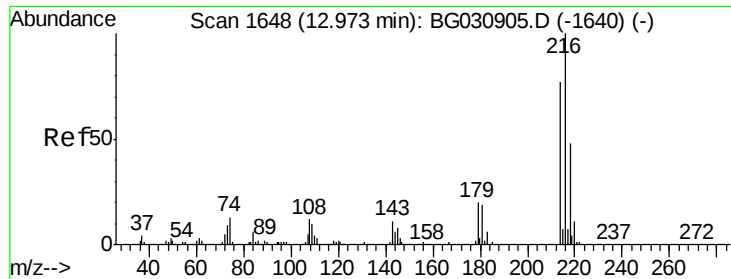
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	44.5	35.4	53.0





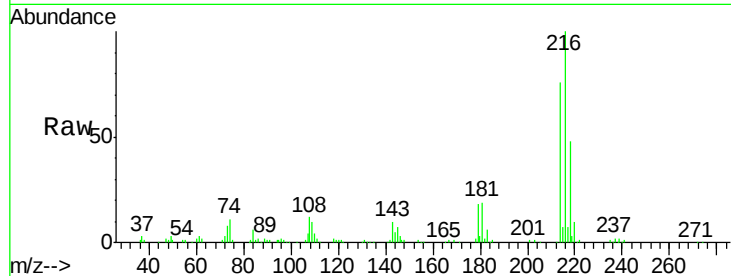
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.57 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

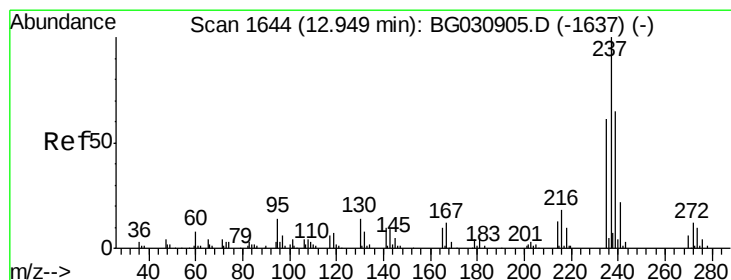
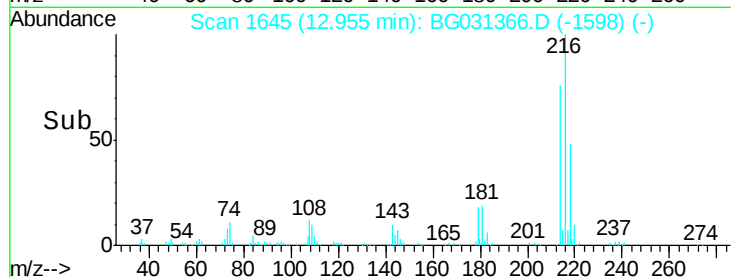
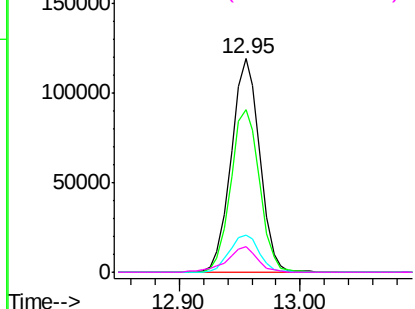
Tot Ion	Ratio	Resp	Lower	Upper
216	100	195920		
214	76.7	63.0	94.4	
179	18.1	17.0	25.6	
108	12.9	12.8	19.2	

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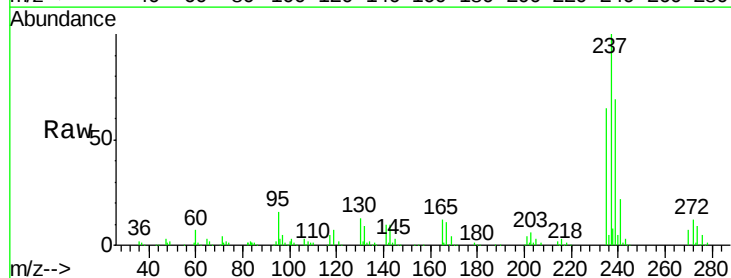


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

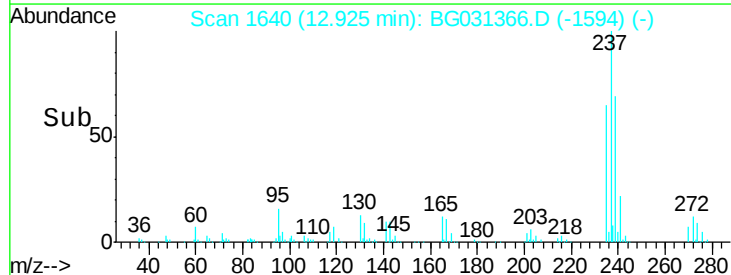
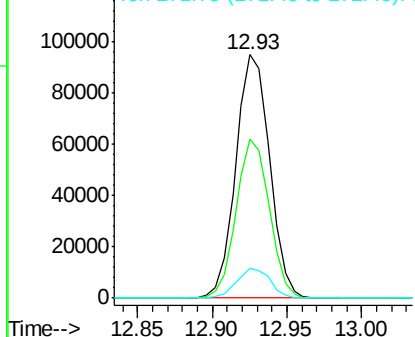


#40
 Hexachlorocyclopentadiene
 Concen: 58.23 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	149693		
235	65.4	50.4	90.4	
272	12.2	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





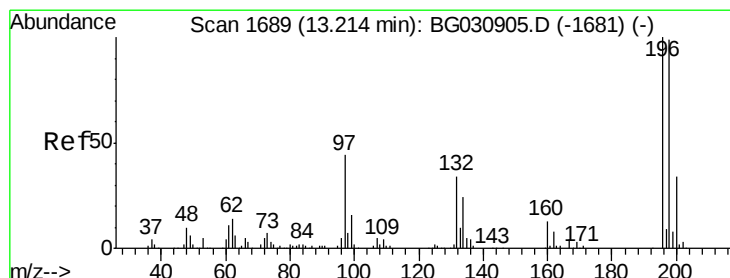
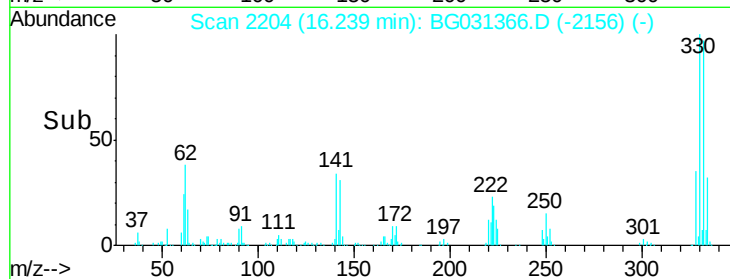
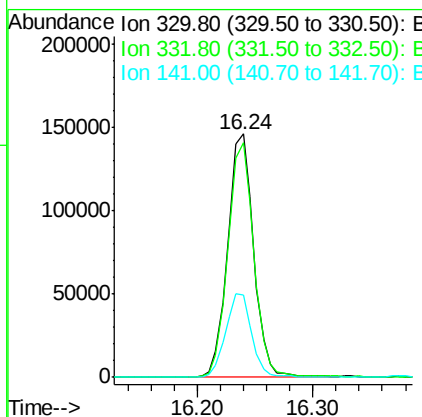
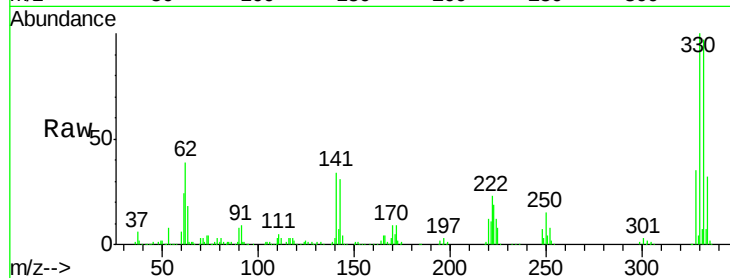
#41
 2,4,6-Tribromophenol
 Concen: 75.88 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	228072		
332	96.7	77.0	115.6	
141	34.4	25.2	37.8	

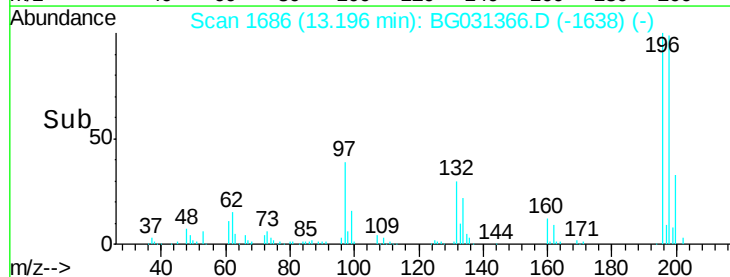
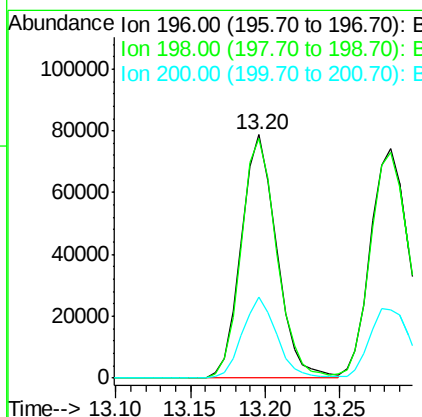
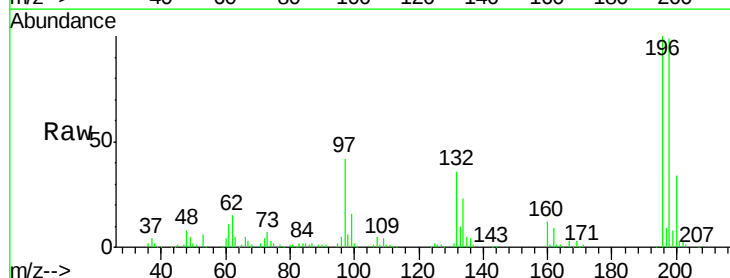
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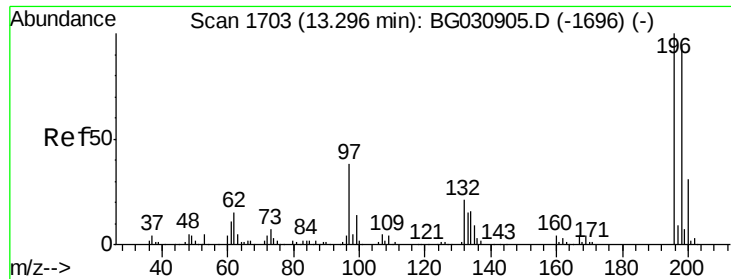
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 30.82 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129905		
198	98.6	78.2	117.2	
200	33.5	24.6	36.8	





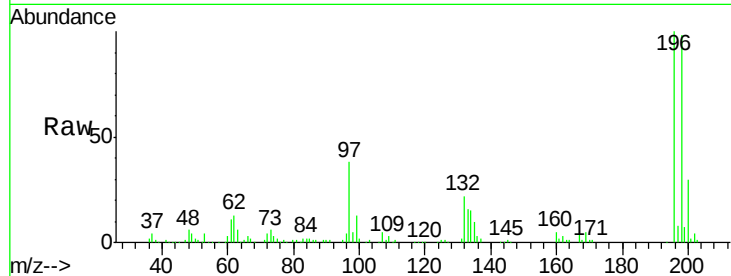
#43
 2,4,5-Trichlorophenol
 Concen: 30.82 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142145		
198	98.1	76.2	114.4	
97	38.1	38.7	58.1	
132	21.8	20.2	30.2	

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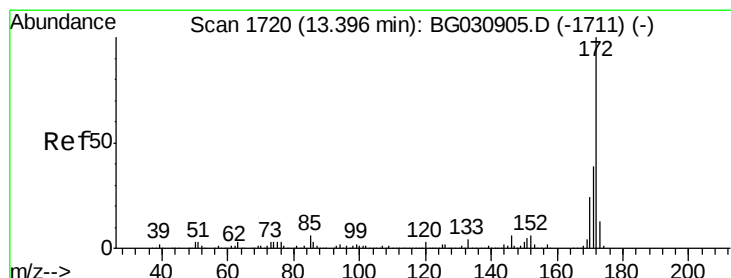
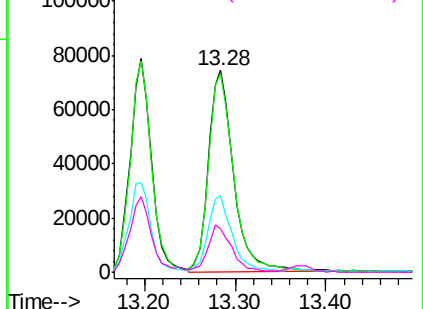
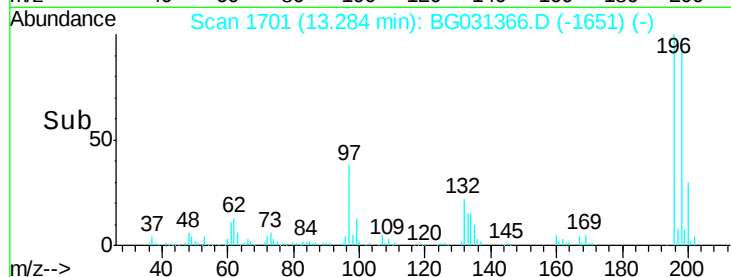
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

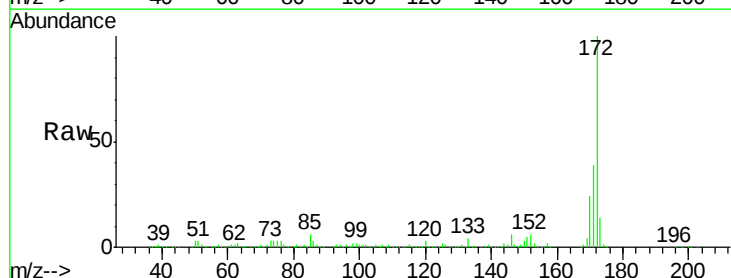
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.87 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	787050		
171	39.0	30.0	45.0	
170	24.3	19.5	29.3	

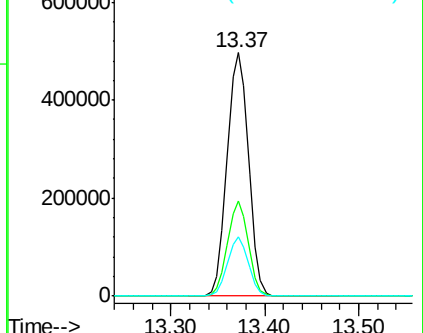
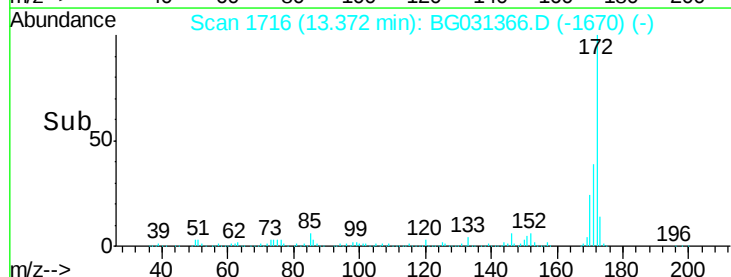


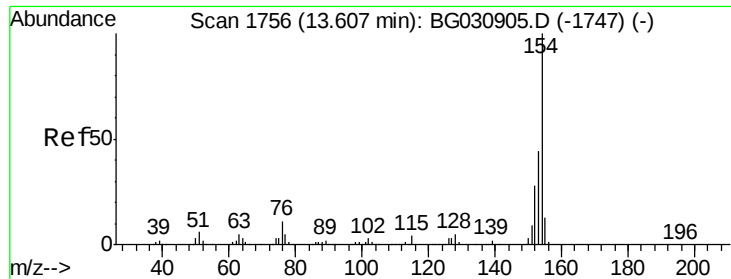
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





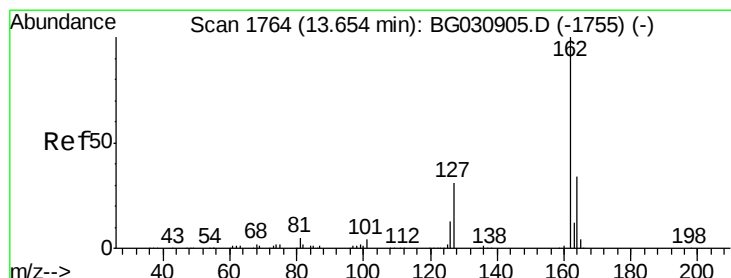
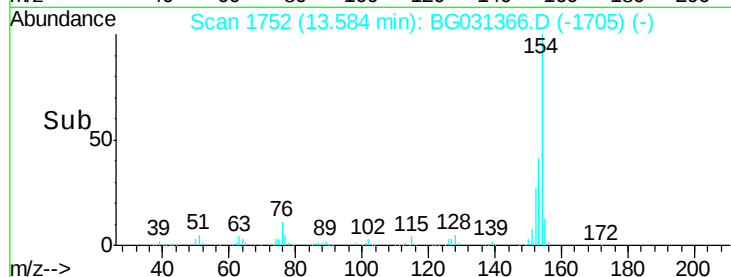
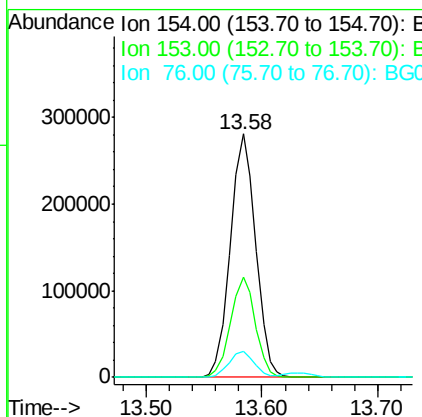
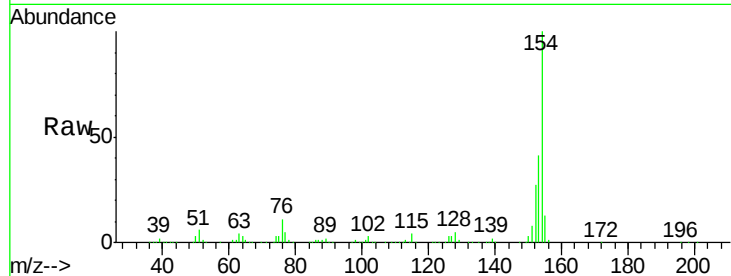
#45
 1,1'-Biphenyl
 Concen: 27.62 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	10.6	0.0	31.9

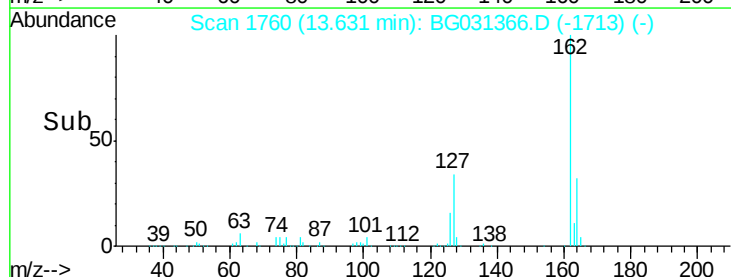
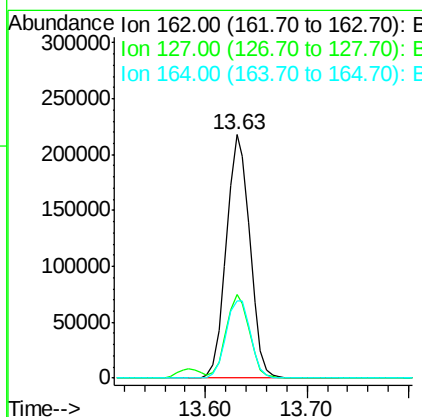
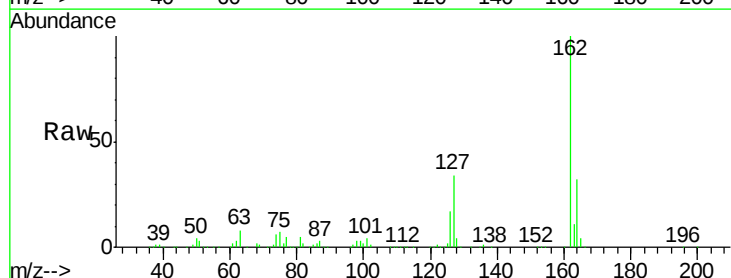
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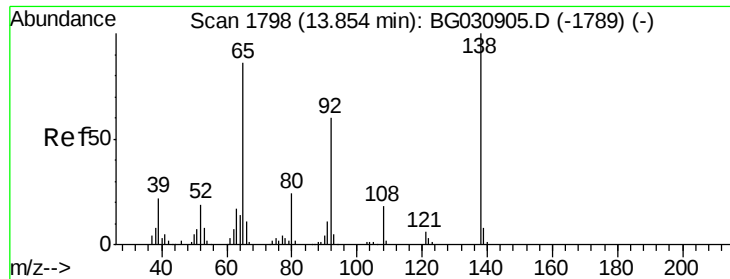
Sohil
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#46
 2-Chloronaphthalene
 Concen: 31.42 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.5	30.7	46.1
164	31.8	26.0	39.0





#47

2-Nitroaniline

Concen: 29.39 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

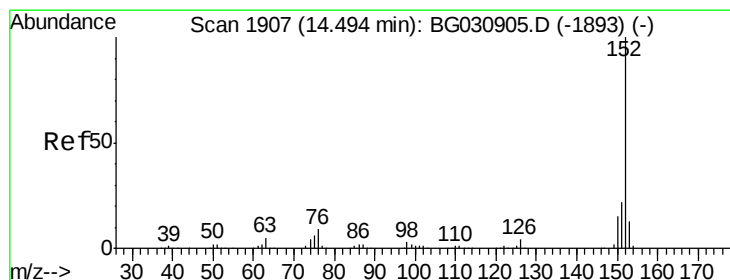
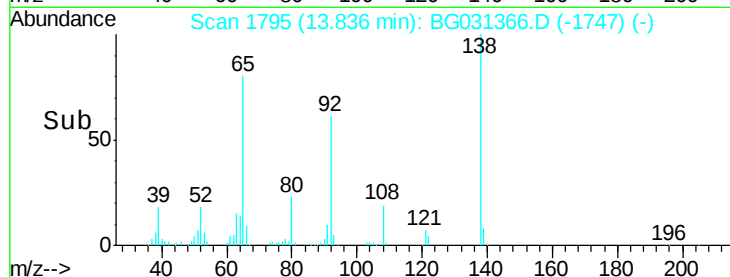
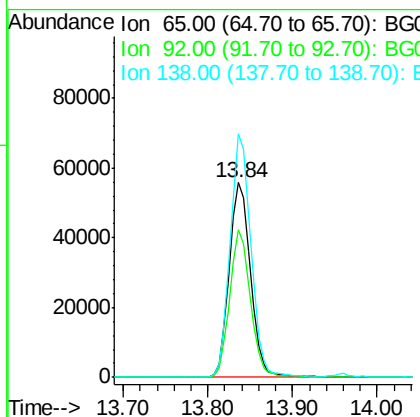
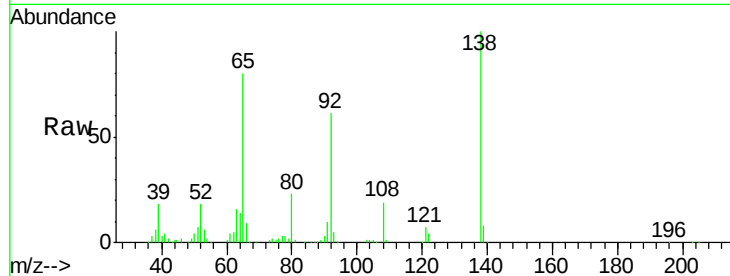
ClientSampleId :

IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.1	54.6	82.0
138	125.1	72.9	109.3

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#48

Acenaphthylene

Concen: 30.12 ng

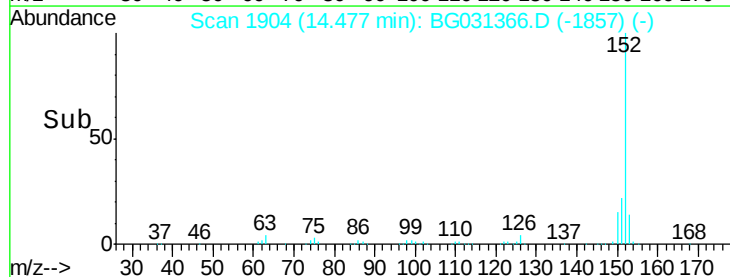
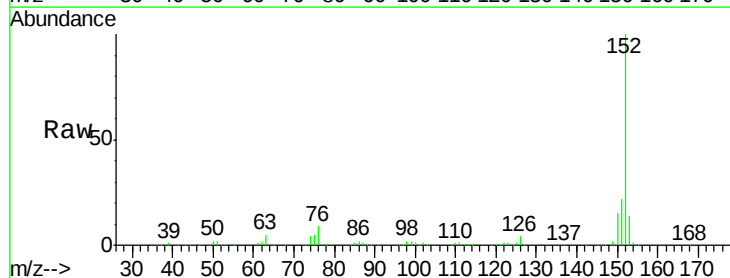
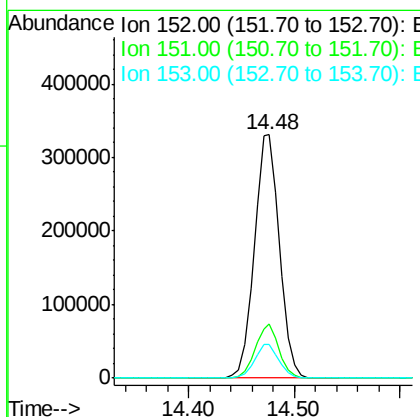
RT: 14.48 min Scan# 1904

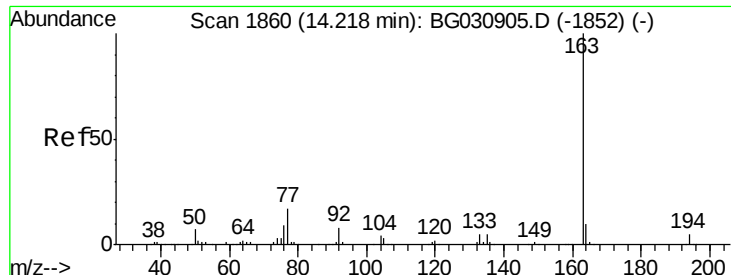
Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.0	10.2	15.4





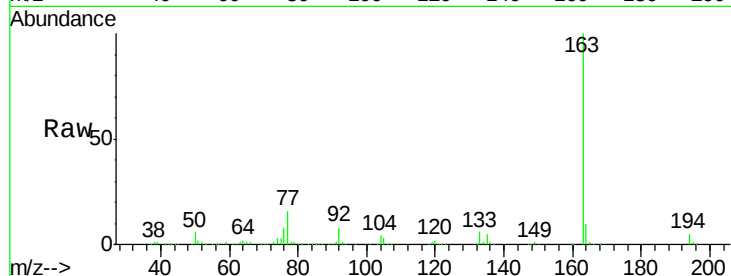
#49
Dimethylphthalate
Concen: 33.59 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

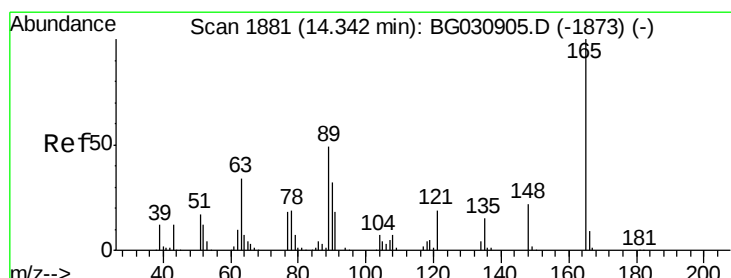
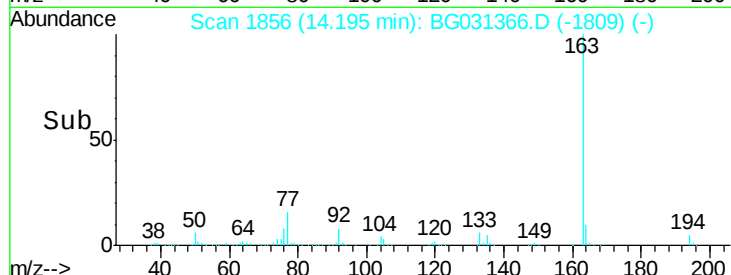
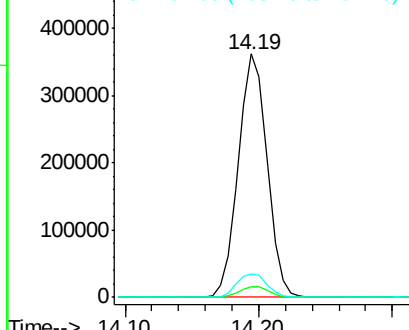
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.8	8.2	12.4

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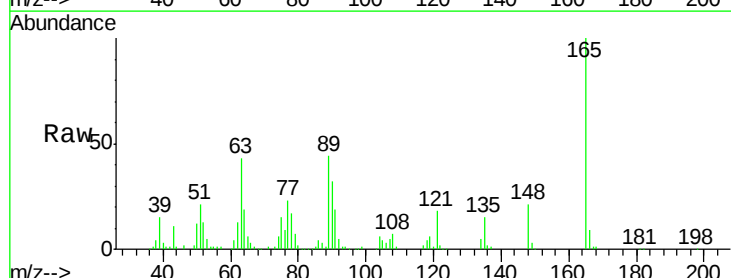


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

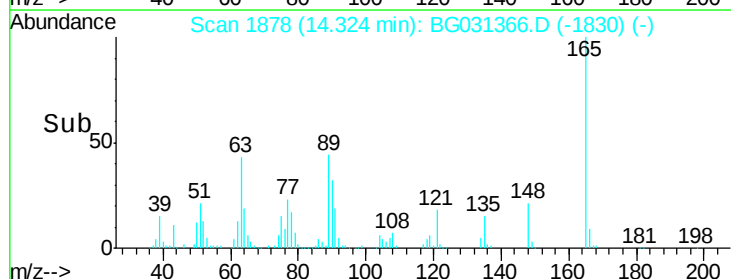
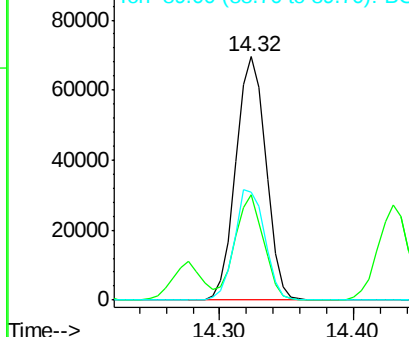


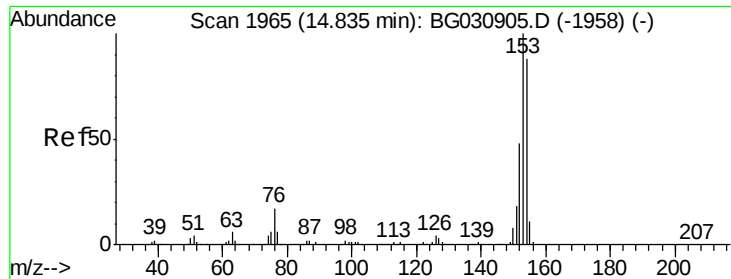
#50
2,6-Dinitrotoluene
Concen: 32.82 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	43.1	52.7	79.1#
89	44.3	49.2	73.8#



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





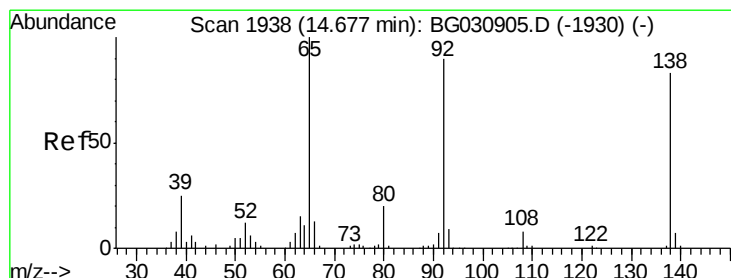
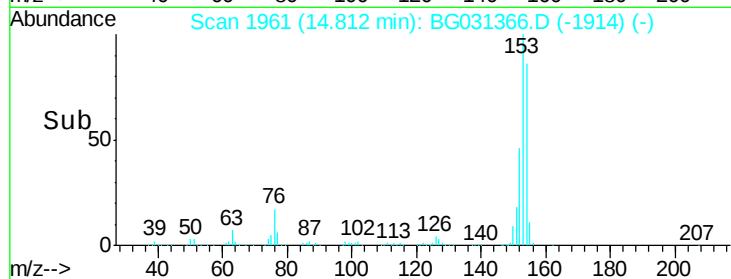
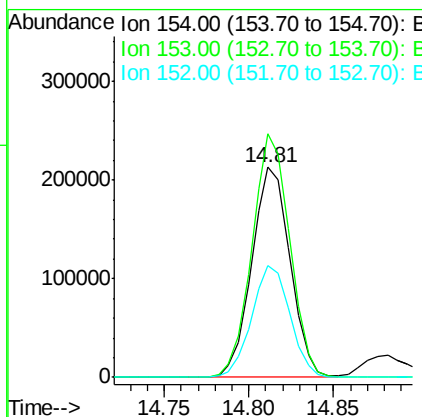
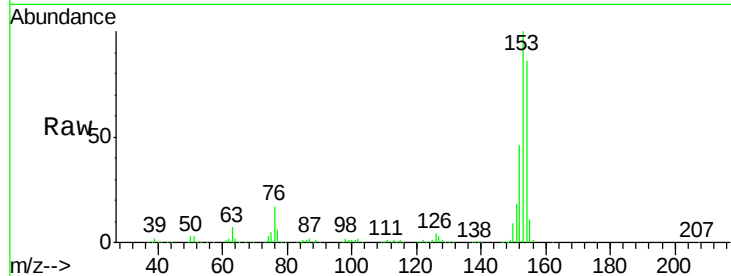
#51
Acenaphthene
Concen: 29.47 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.4	135.6
152	53.5	41.6	62.4

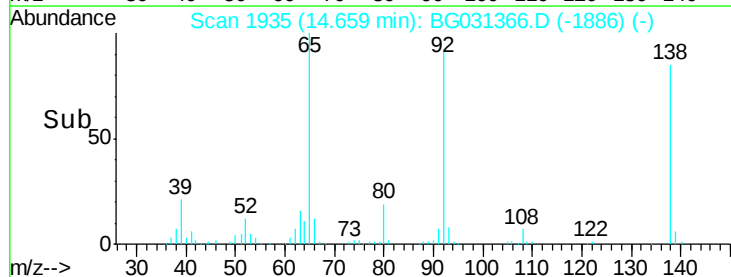
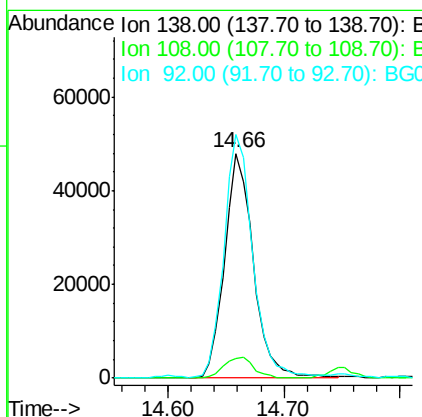
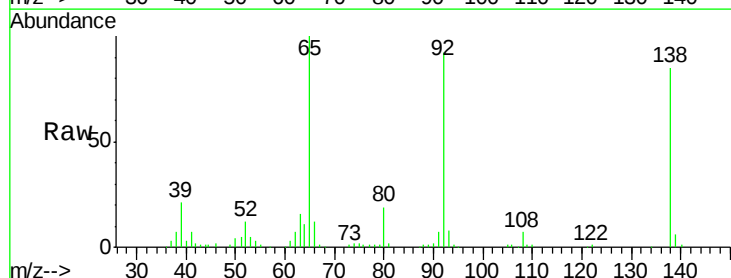
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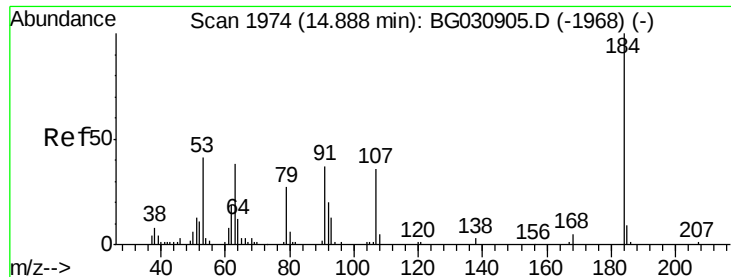
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#52
3-Nitroaniline
Concen: 23.63 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.8	17.5	26.3#
92	108.3	105.8	158.8





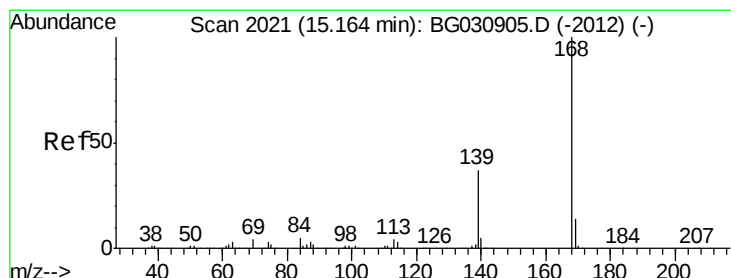
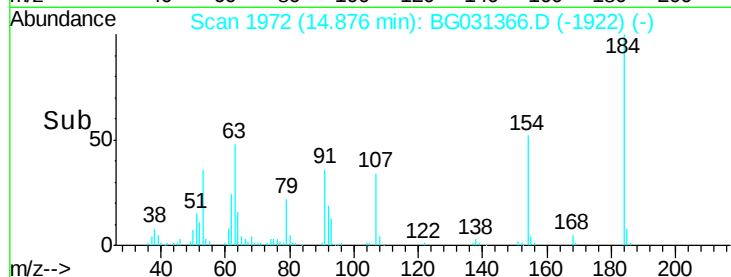
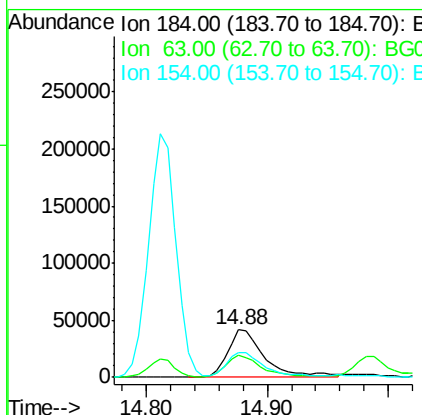
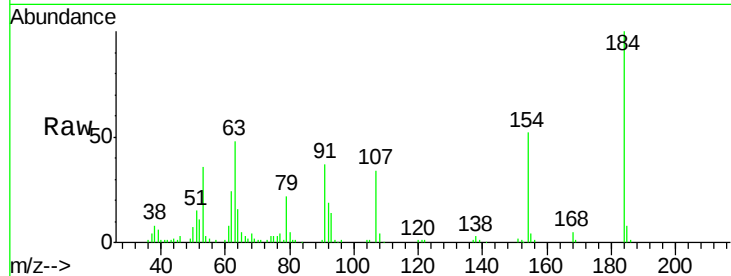
#53
2,4-Dinitrophenol
Concen: 50.95 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.7	59.8	89.8#
154	52.3	101.8	152.8#

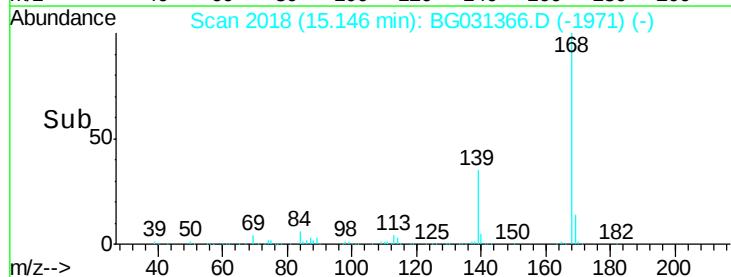
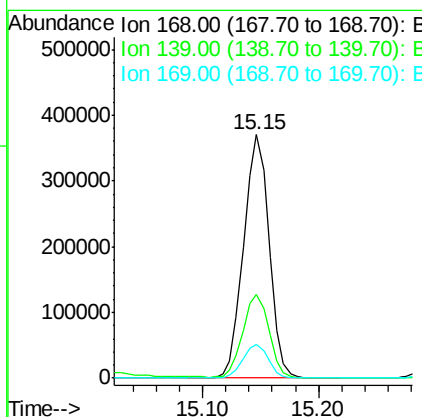
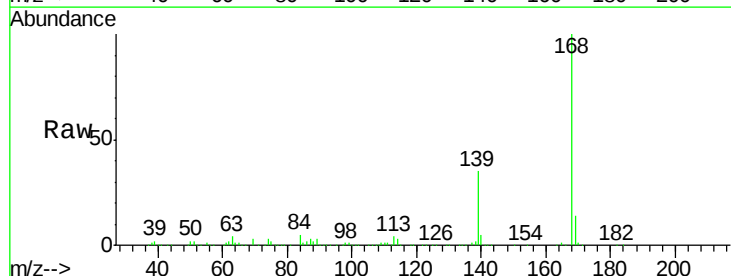
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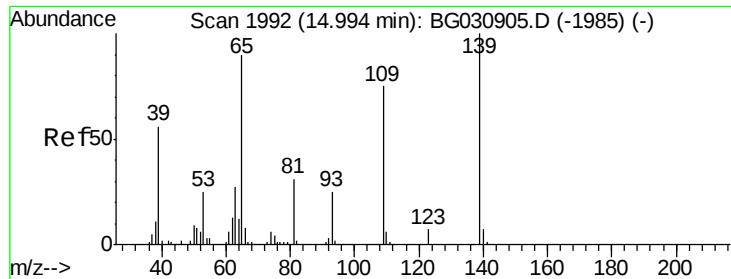
Sohil
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#54
Dibenzofuran
Concen: 31.29 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	28.6	43.0
169	13.7	11.2	16.8





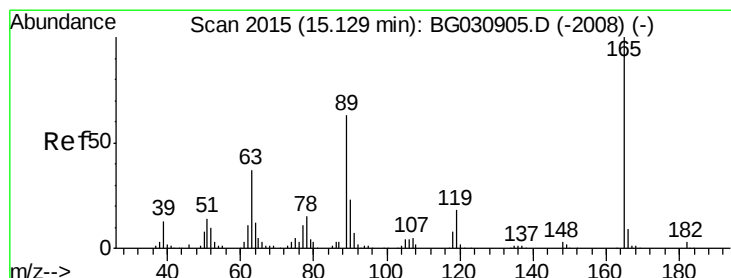
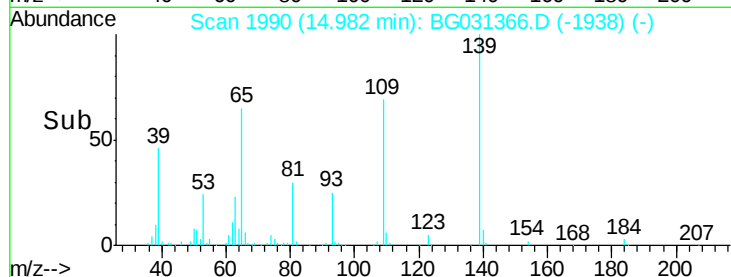
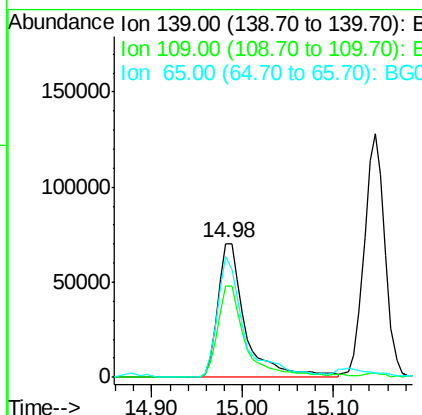
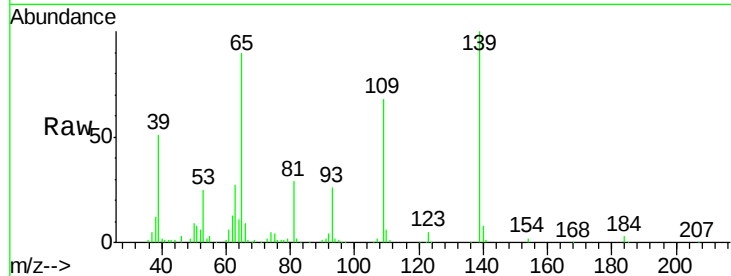
#55
4-Nitrophenol
Concen: 59.06 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
139	100	147912		
109	68.1	62.2	102.2	
65	90.2	97.2	137.2#	

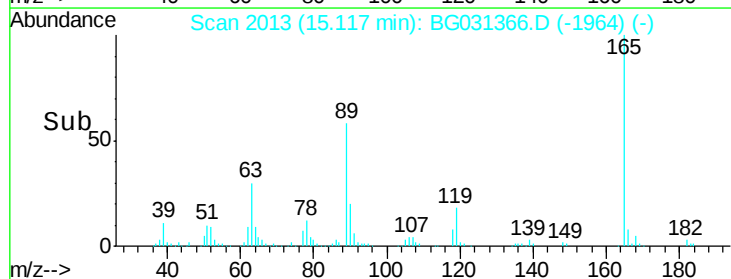
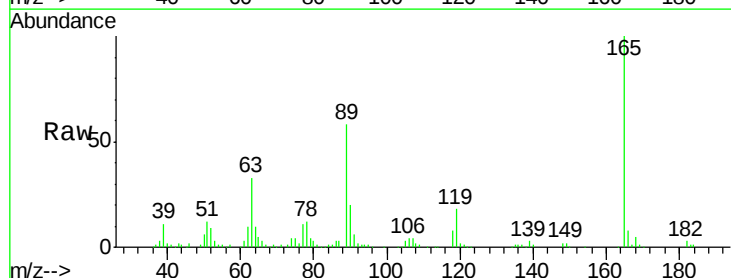
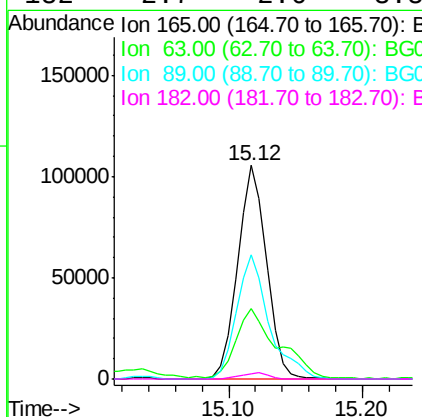
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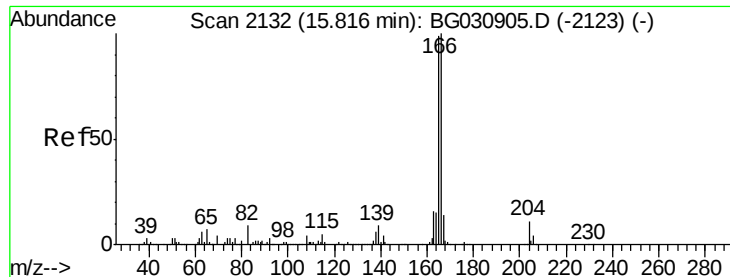
Sohil
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#56
2,4-Dinitrotoluene
Concen: 32.81 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157071		
63	33.3	42.0	63.0#	
89	58.0	66.9	100.3#	
182	2.7	2.6	3.8	





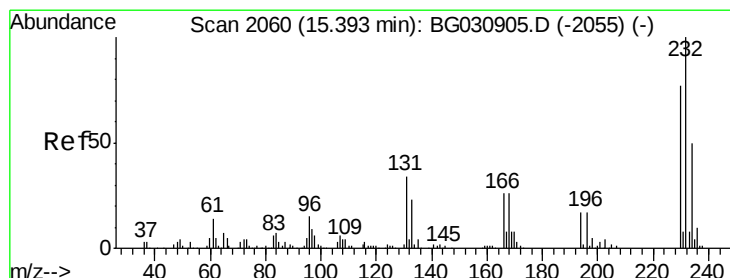
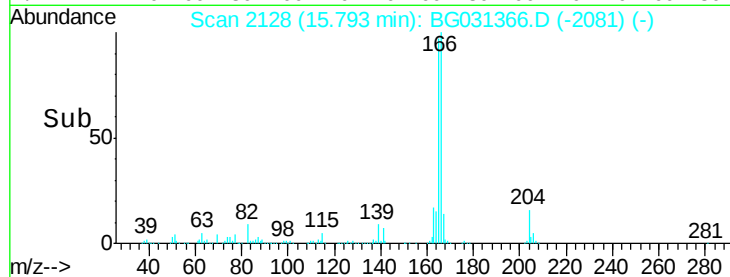
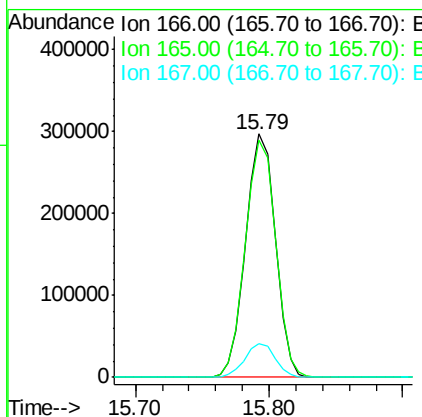
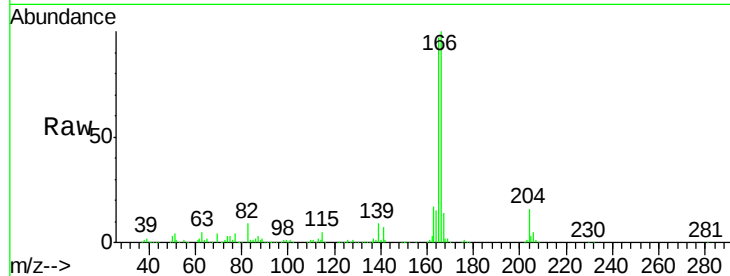
#57
 Fluorene
 Concen: 31.09 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
166	100	456852		
165	97.4	80.6	121.0	
167	13.6	10.4	15.6	

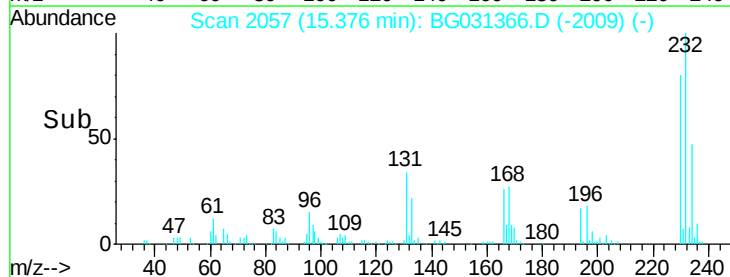
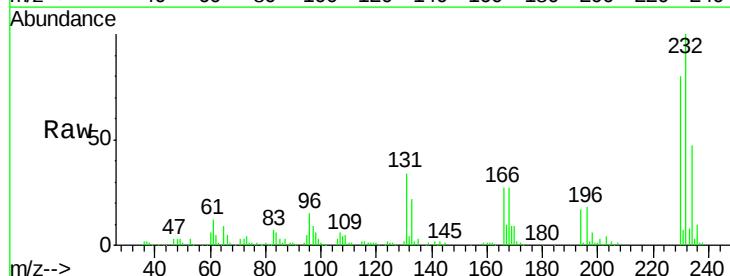
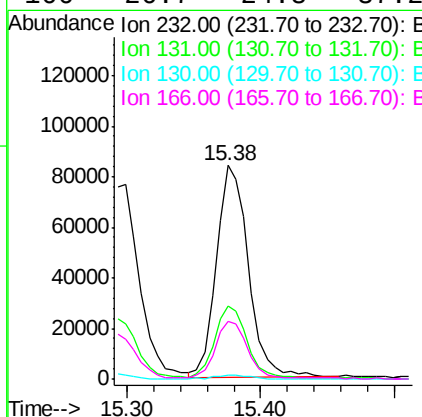
Manual Integrations
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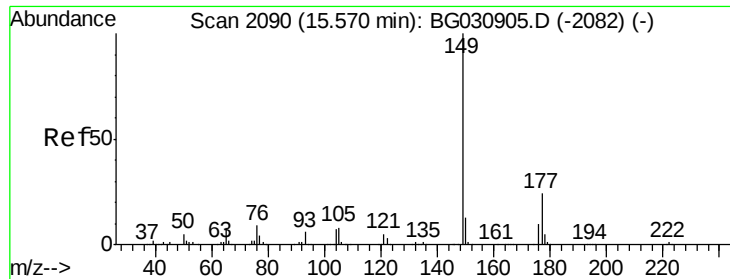
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.22 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	141643		
131	36.3	33.5	50.3	
130	2.0	2.2	3.2	
166	26.7	24.8	37.2	





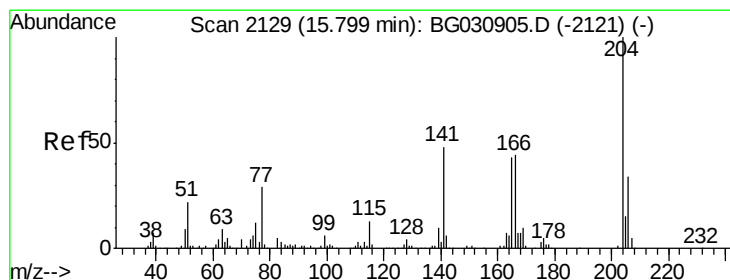
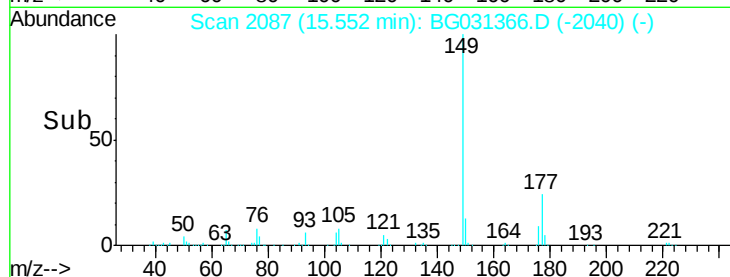
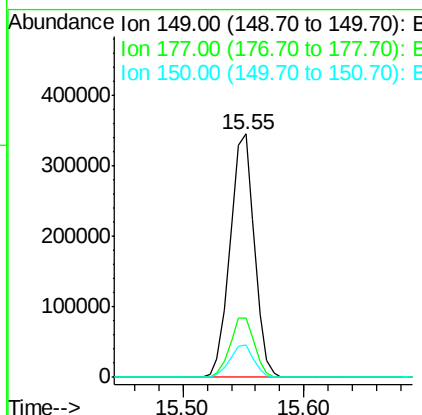
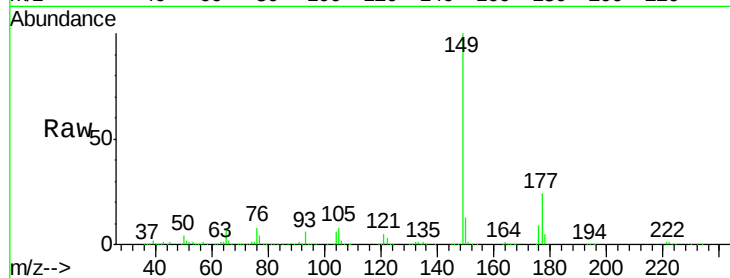
#59
Diethylphthalate
Concen: 29.63 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp	Lower	Upper
149	100	483550		
177	24.4	18.5	27.7	
150	13.1	10.2	15.2	

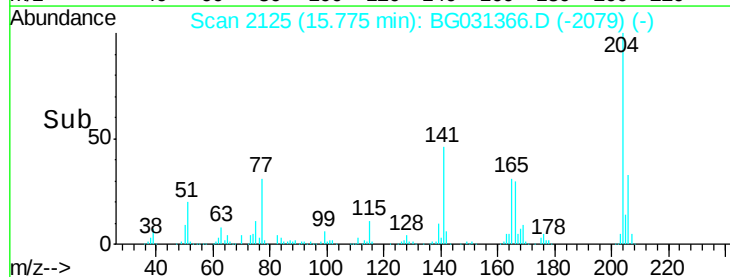
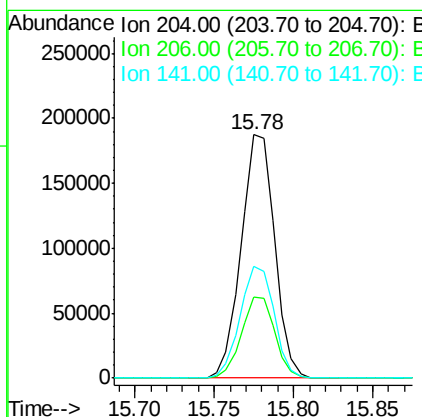
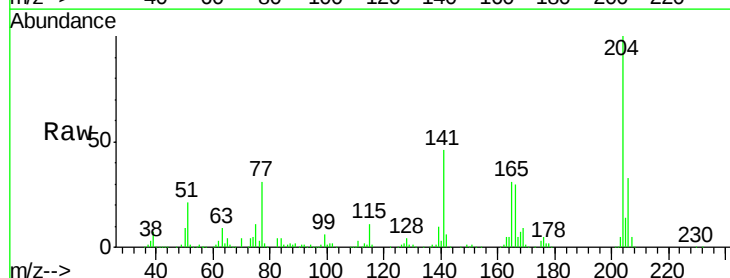
Manual Integrations
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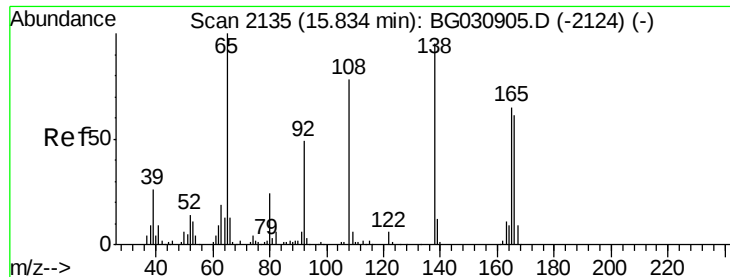
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 30.94 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274538		
206	33.3	26.2	39.2	
141	45.8	45.8	68.6	





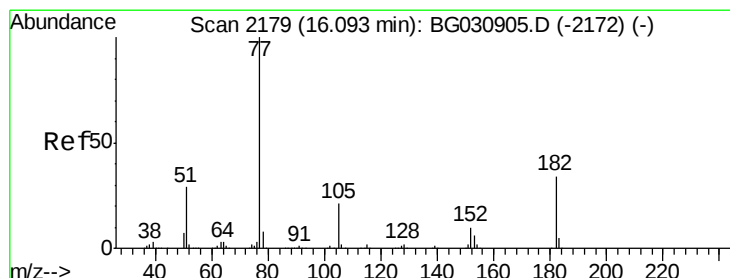
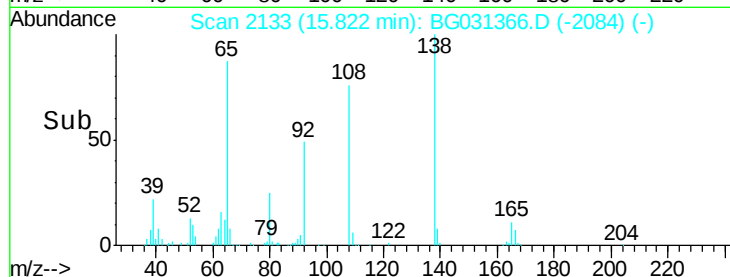
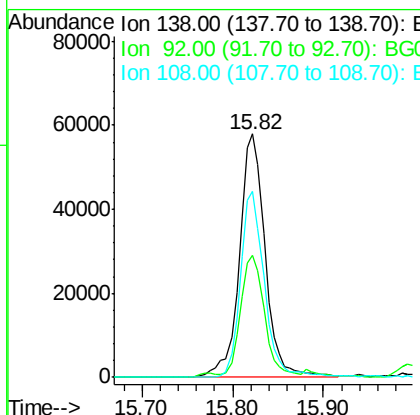
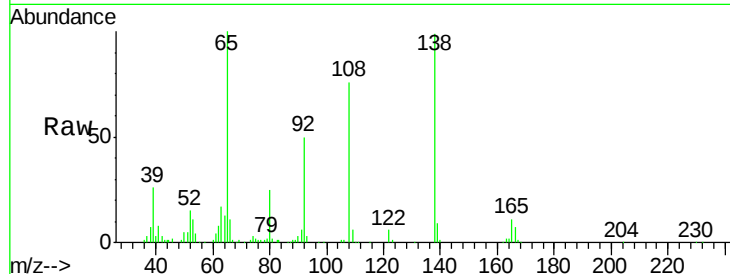
#61
4-Nitroaniline
Concen: 30.77 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	40.1	80.1
108	76.5	65.4	105.4

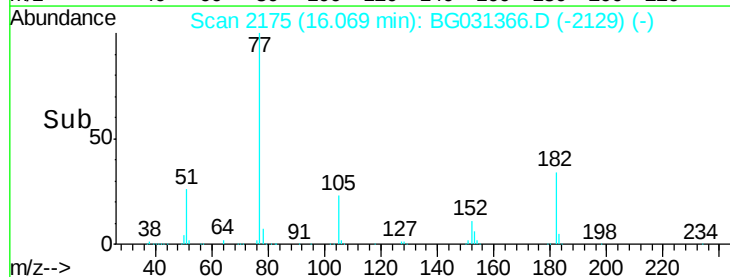
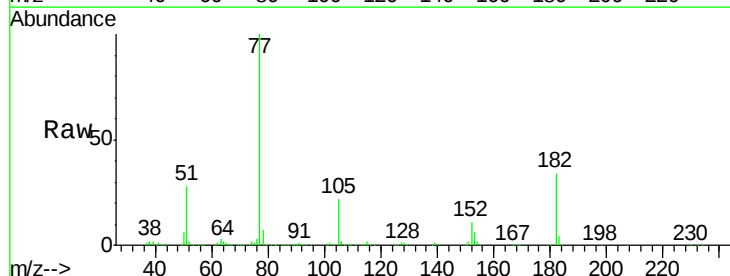
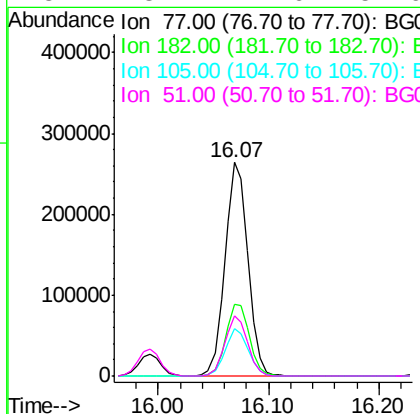
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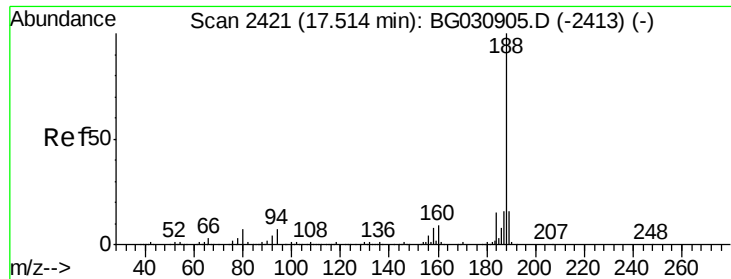
Sohil
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#62
Azobenzene
Concen: 30.72 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.6	7.4	47.4
105	22.4	0.3	40.3
51	28.4	11.6	51.6





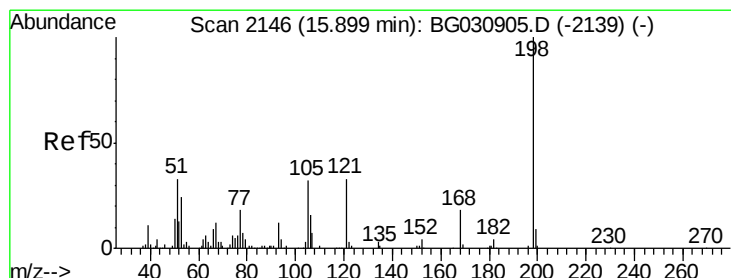
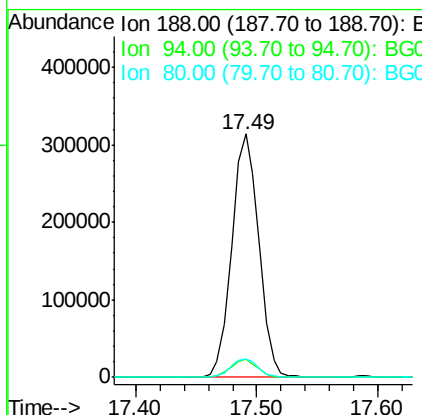
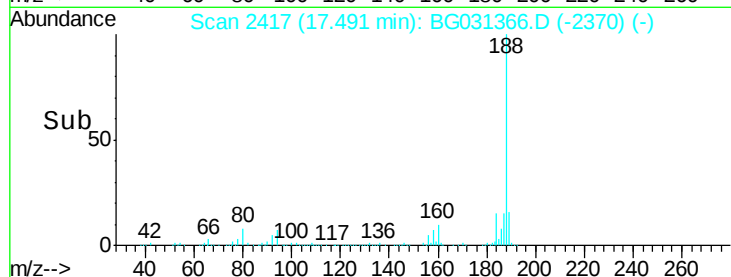
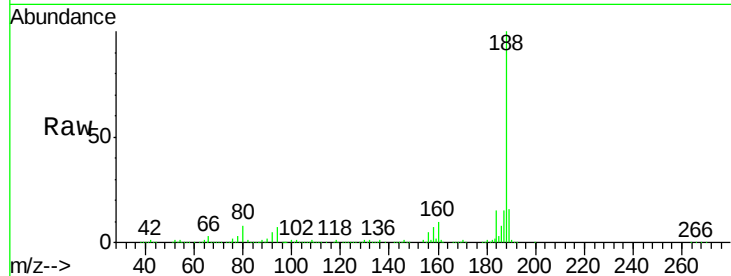
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	6.9	10.3
80	7.8	7.7	11.5

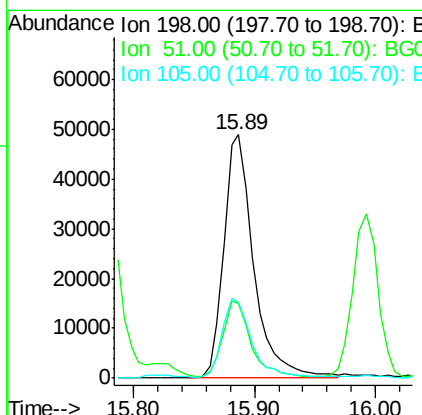
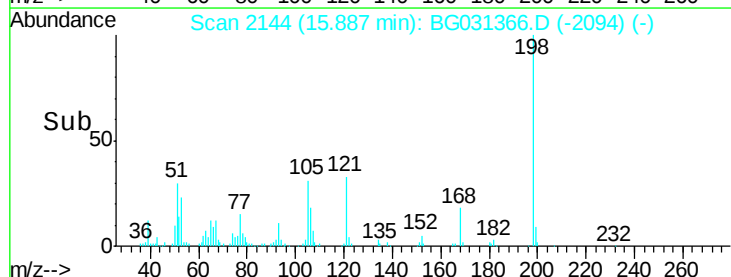
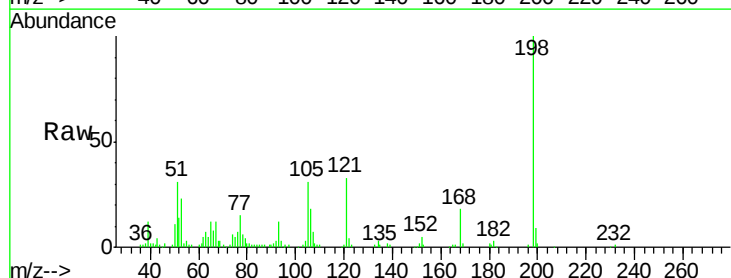
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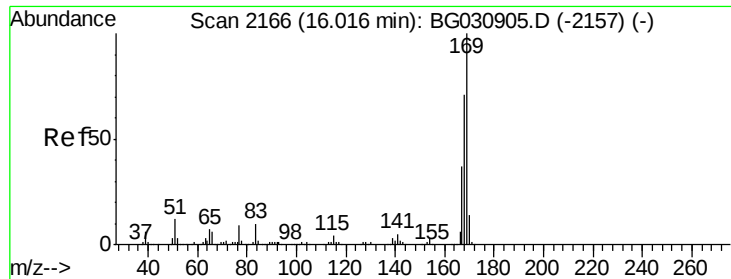
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.87 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.7	30.6	70.6
105	31.2	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 28.99 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

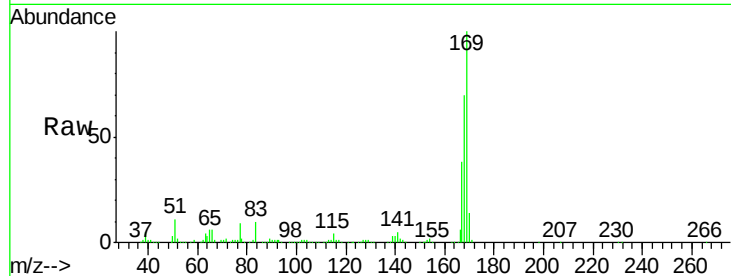
ClientSampleId :

IDOC-SOIL-2

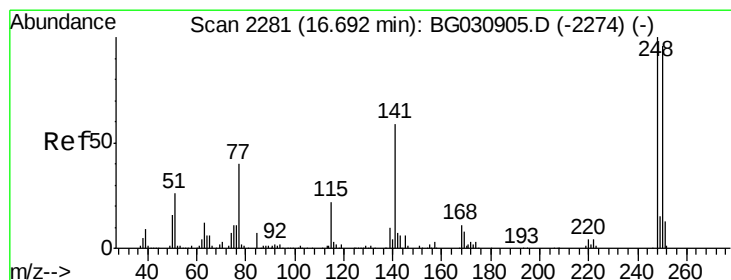
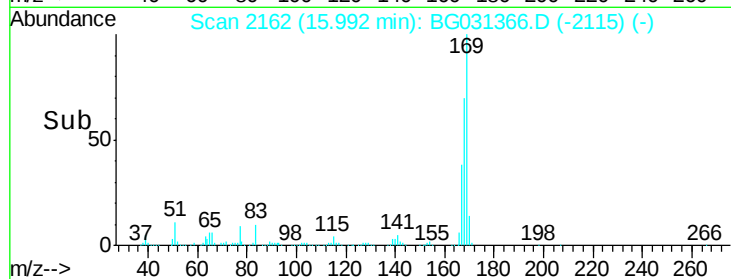
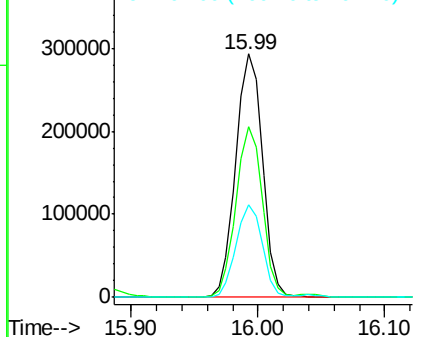
Tot Ion:	169	Resp:	429457
Ion Ratio	Lower	Upper	
169	100		
168	70.3	55.7	83.5
167	37.8	30.1	45.1

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 28.90 ng

RT: 16.67 min Scan# 2277

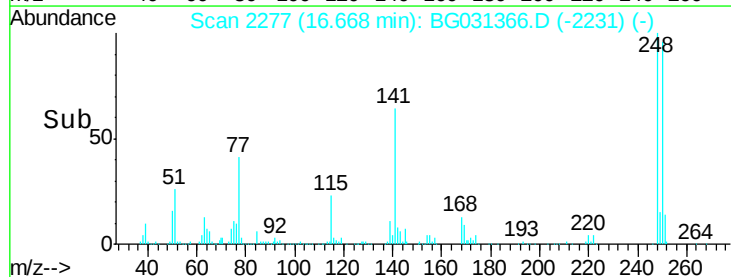
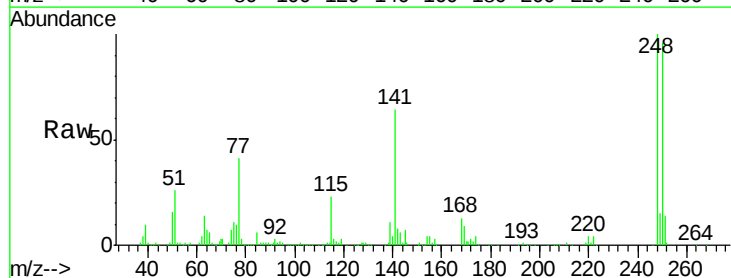
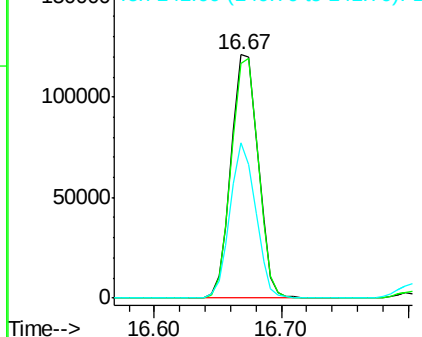
Delta R.T. -0.03 min

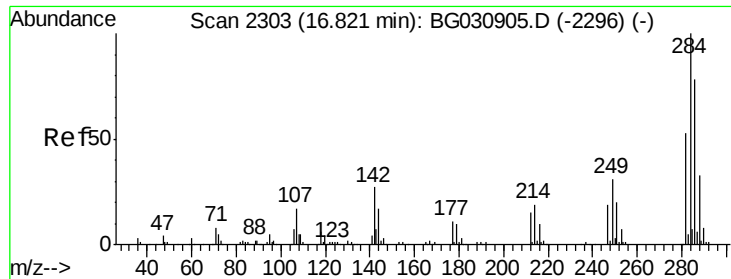
Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	248	Resp:	178922
Ion Ratio	Lower	Upper	
248	100		
250	96.2	77.1	115.7
141	63.9	50.8	76.2

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





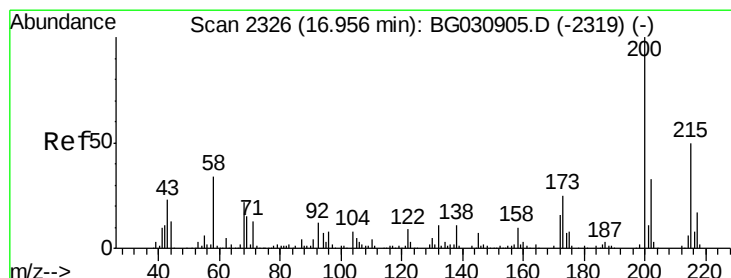
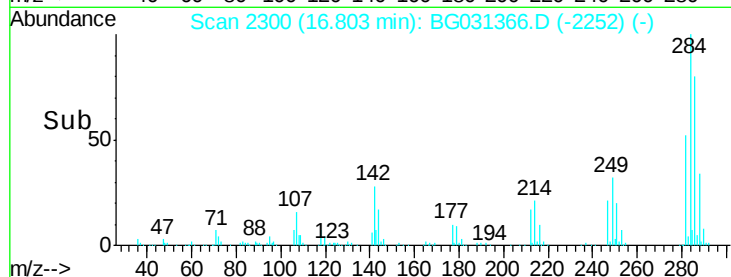
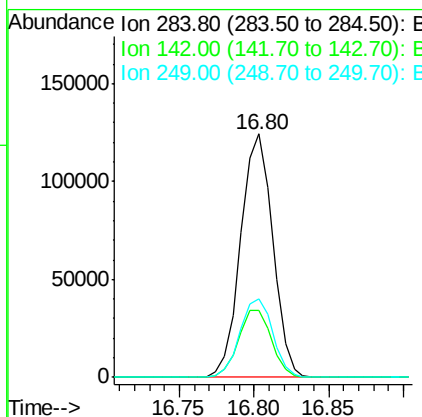
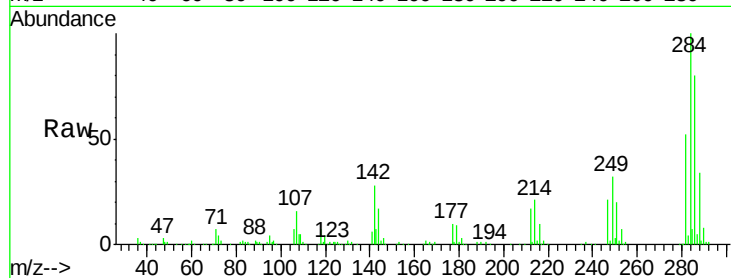
#67
Hexachlorobenzene
Concen: 28.16 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	27.7	26.8	40.2
249	32.4	26.3	39.5

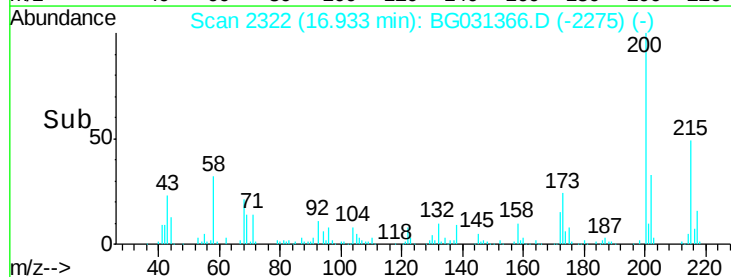
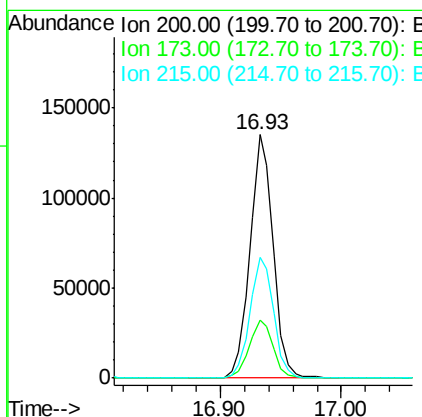
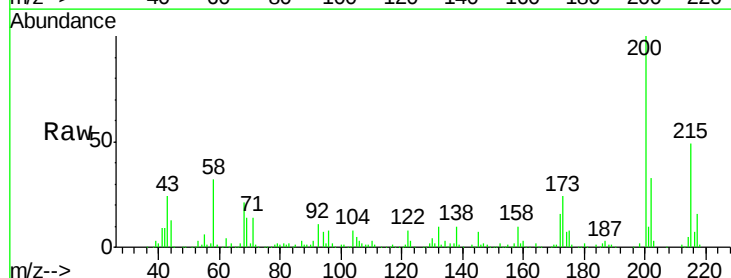
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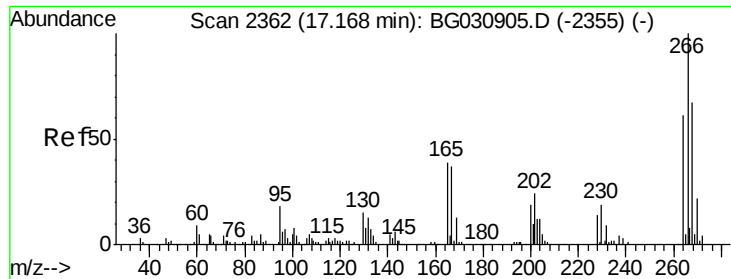
Sohil
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#68
Atrazine
Concen: 29.35 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.0	5.2	45.2
215	49.4	30.4	70.4





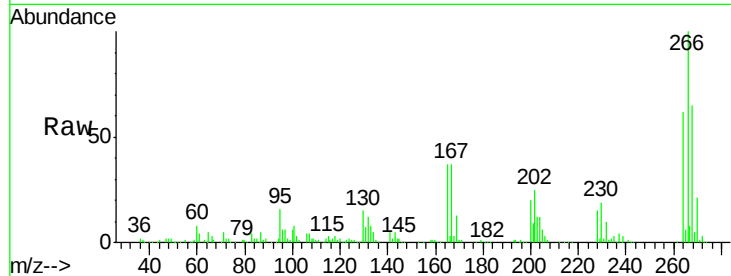
#69
 Pentachlorophenol
 Concen: 48.09 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

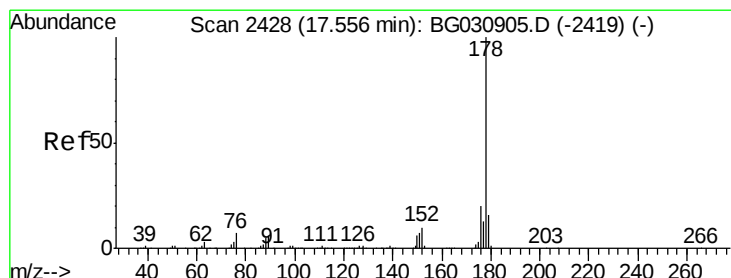
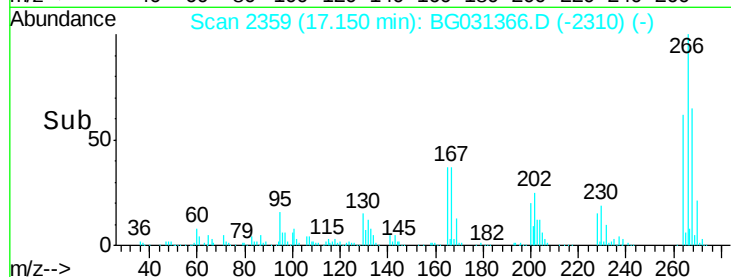
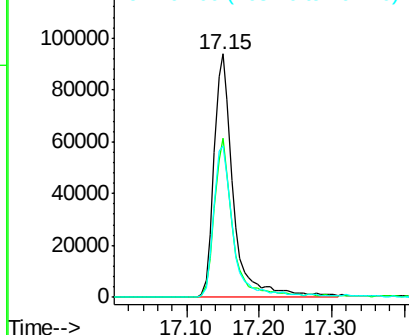
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	62.0	49.6	74.4

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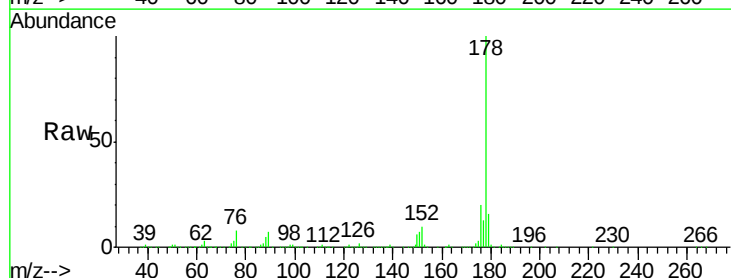


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

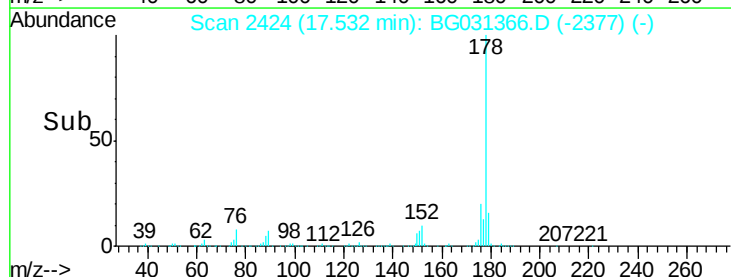
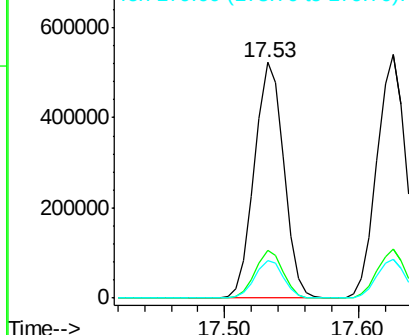


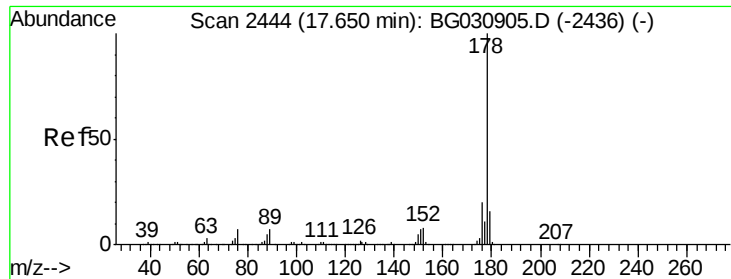
#70
 Phenanthrene
 Concen: 31.13 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.2	12.5	18.7



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





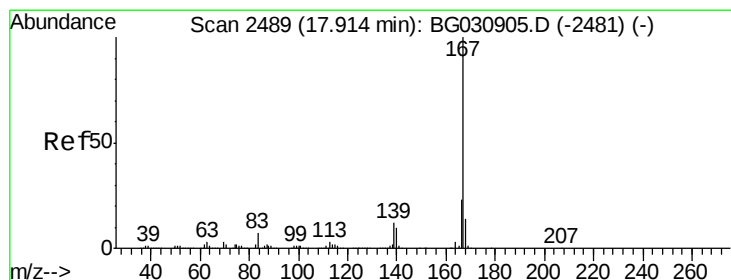
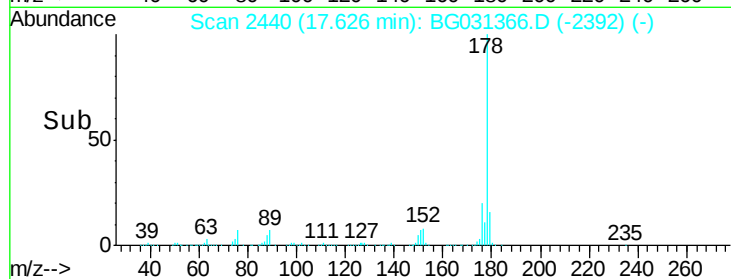
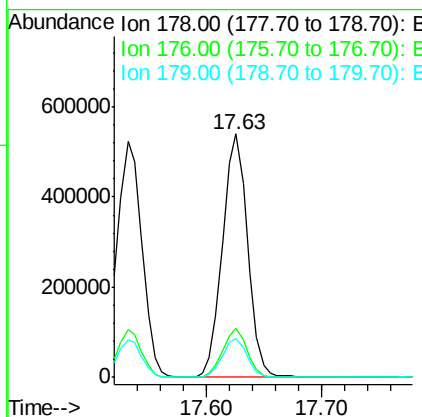
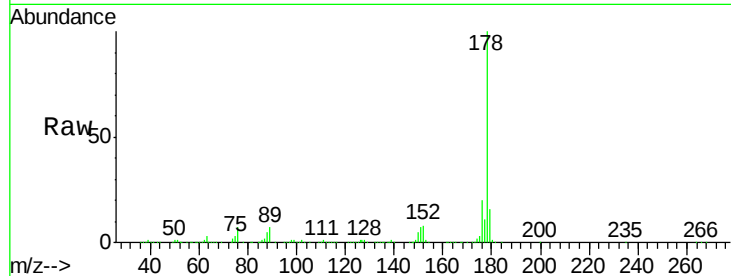
#71
 Anthracene
 Concen: 31.82 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.0	12.5	18.7

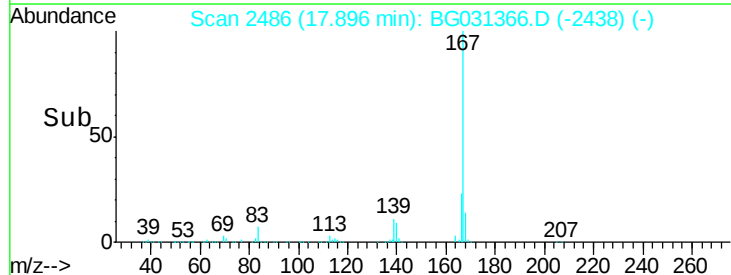
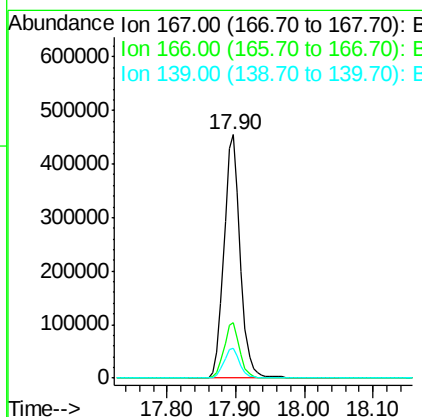
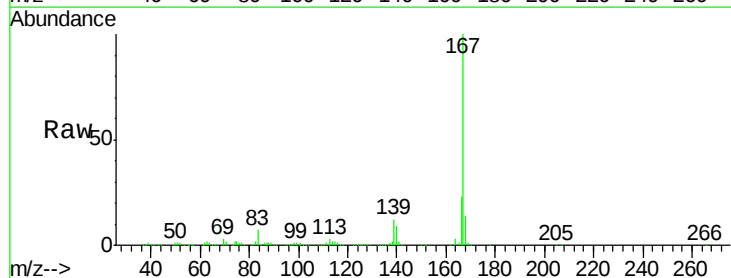
Manual Integrations
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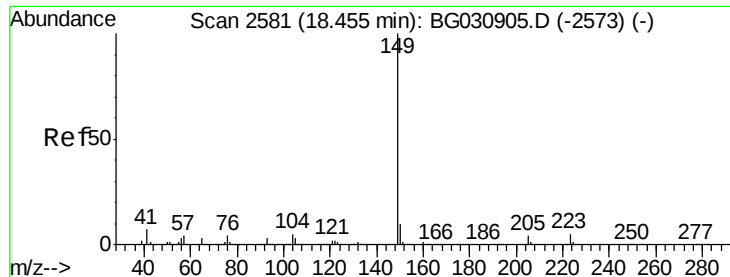
Sohil
 12/5/2017 3:27:25 PM



#72
 Carbazole
 Concen: 31.21 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.0	9.4	14.2





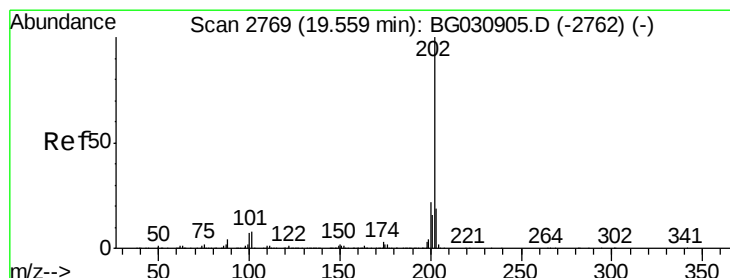
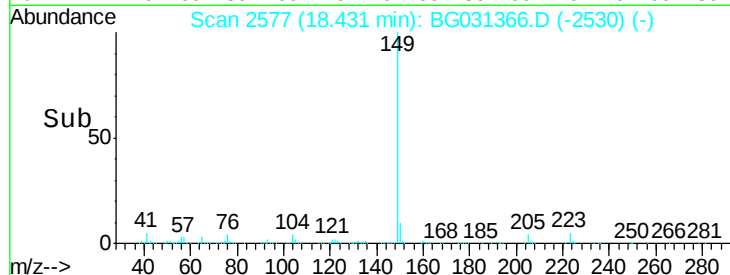
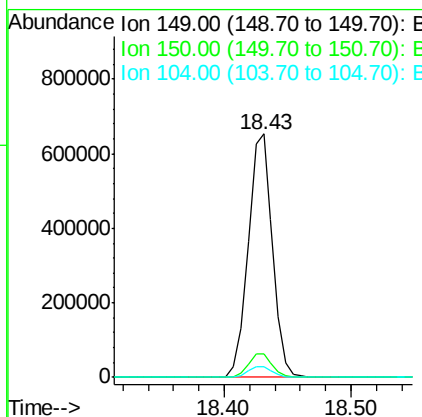
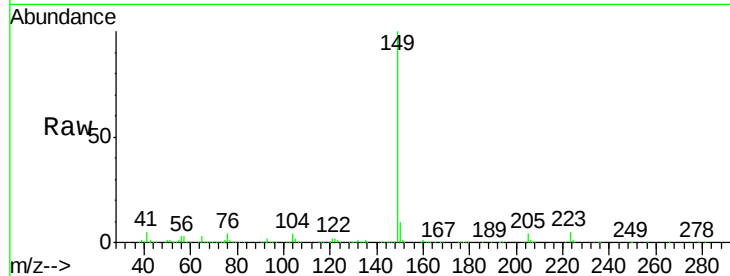
#73
Di-n-butylphthalate
Concen: 29.49 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.4	3.9	5.9

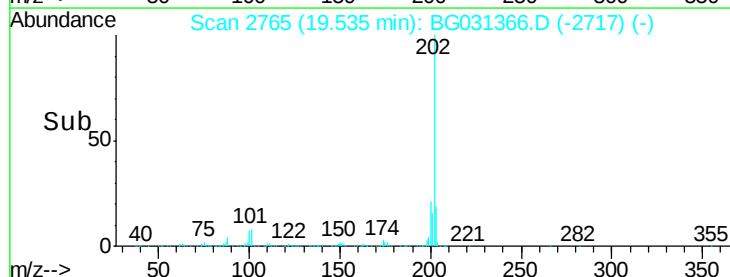
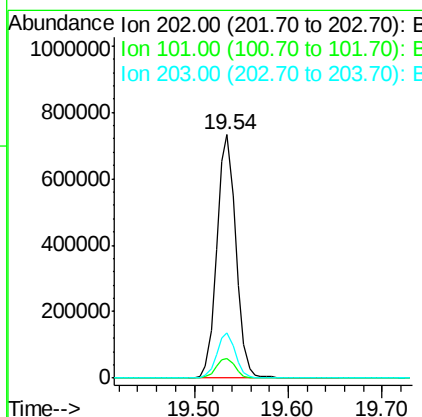
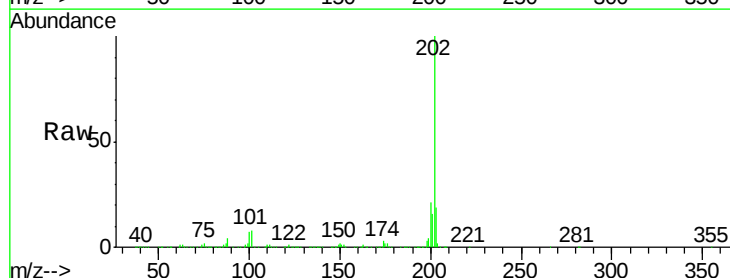
Manual Integrations
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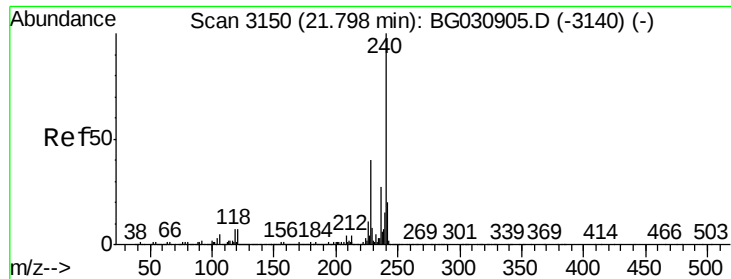
Sohil
12/5/2017 3:27:25 PM



#74
Fluoranthene
Concen: 32.26 ng
RT: 19.54 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.9
203	18.6	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: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

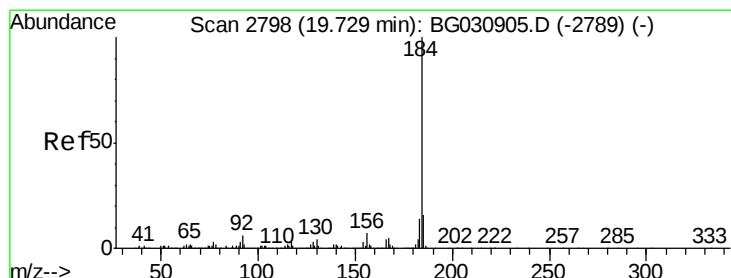
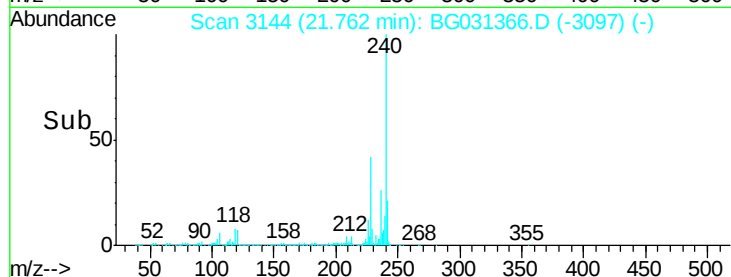
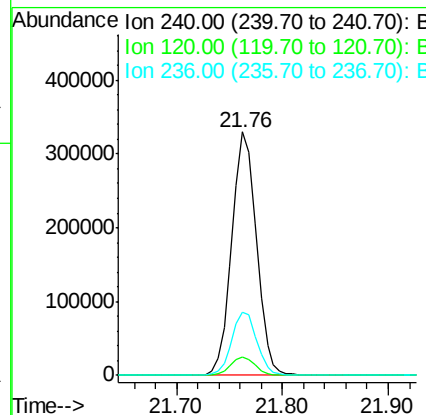
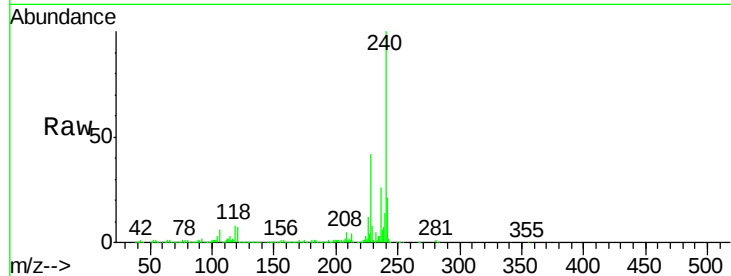
ClientSampleId :

IDOC-SOIL-2

Tot Ion:	240	Resp:	533576
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.8	10.2
236	26.1	20.9	31.3

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Sohil
12/5/2017 3:27:25 PM



#76

Benzidine

Concen: 6.08 ng

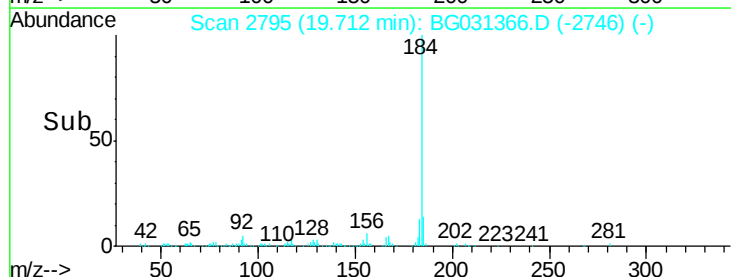
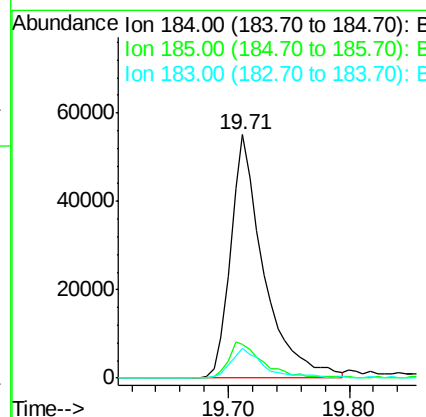
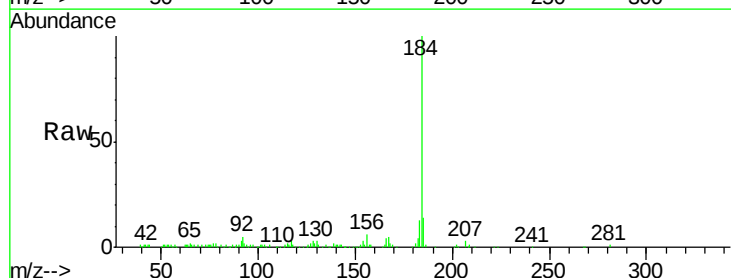
RT: 19.71 min Scan# 2795

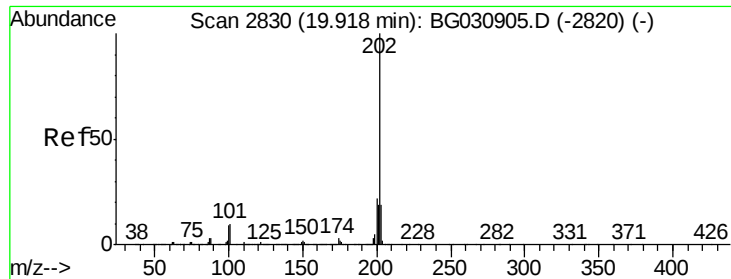
Delta R.T. -0.01 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	184	Resp:	104264
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	12.5	10.6	16.0





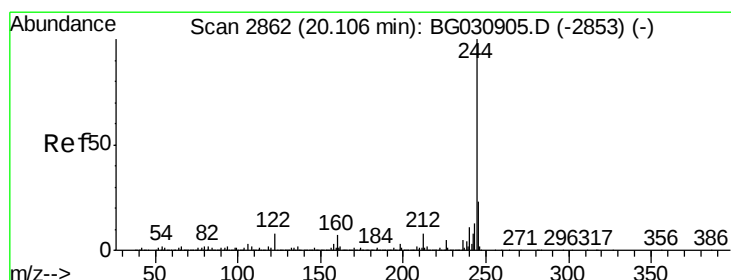
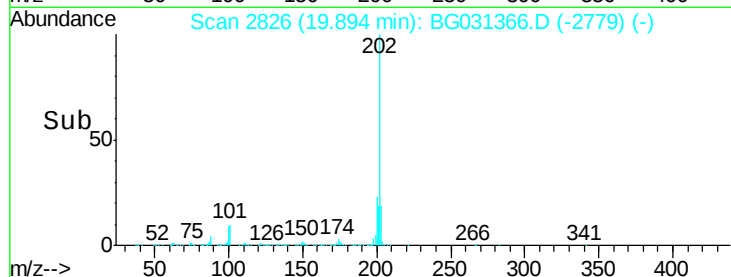
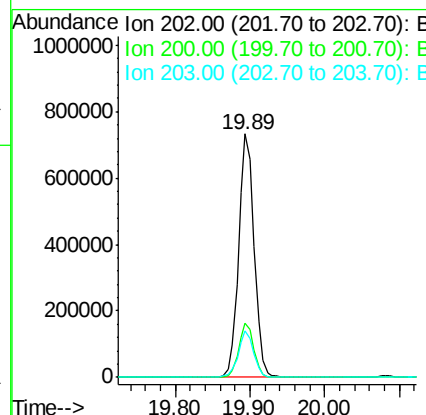
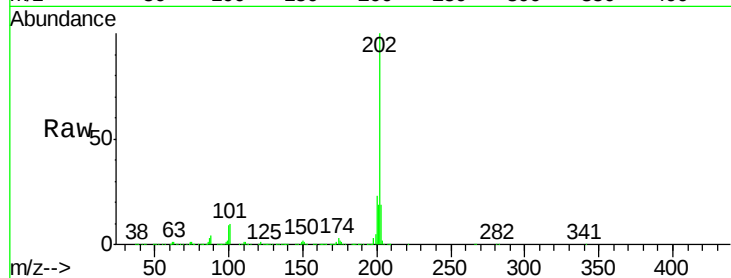
#77
Pvrene
Concen: 33.42 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	19.1	13.9	20.9

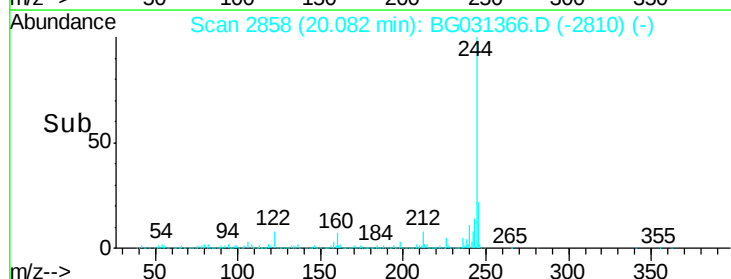
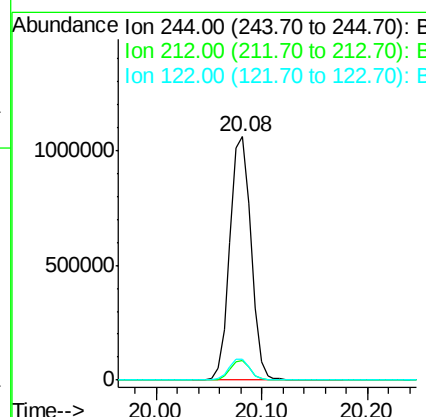
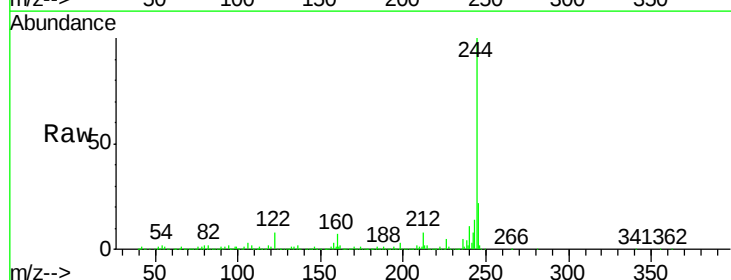
Manual Integrations
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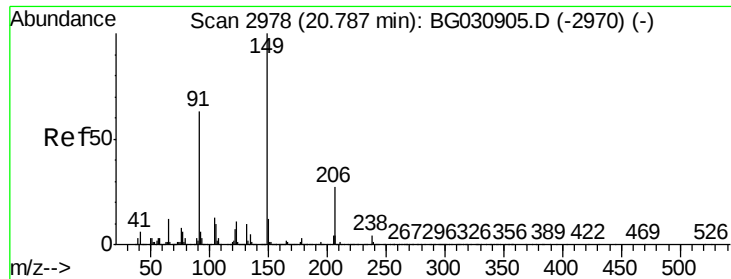
Sohil
12/5/2017 3:27:25 PM



#78
Terphenyl-d14
Concen: 60.71 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	8.3	7.0	10.4





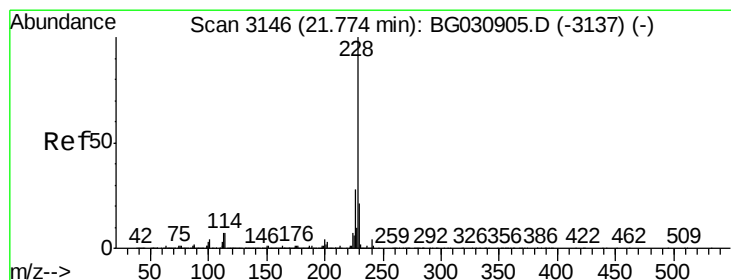
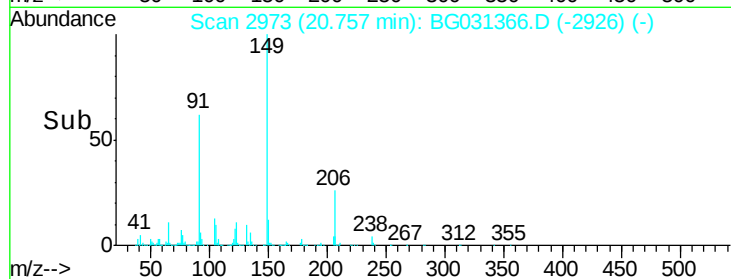
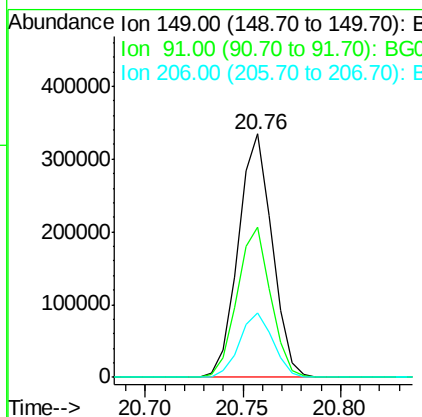
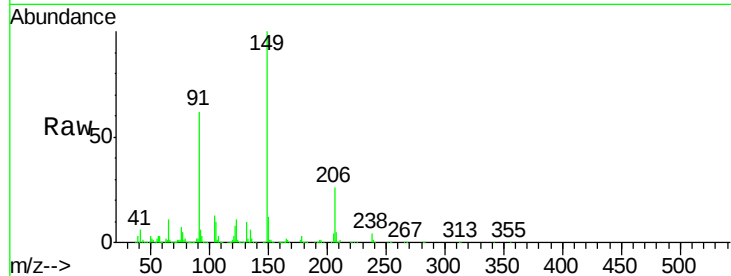
#79
Butylbenzylphthalate
Concen: 31.80 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	62.2	93.2#
206	26.4	18.6	27.8

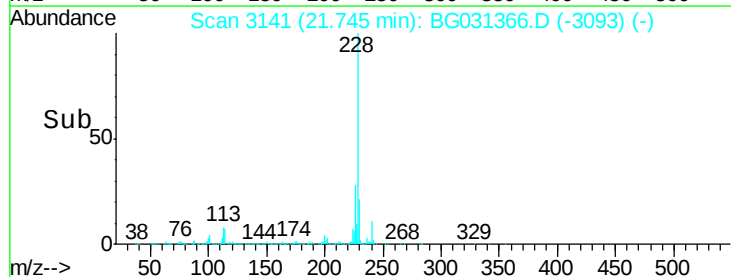
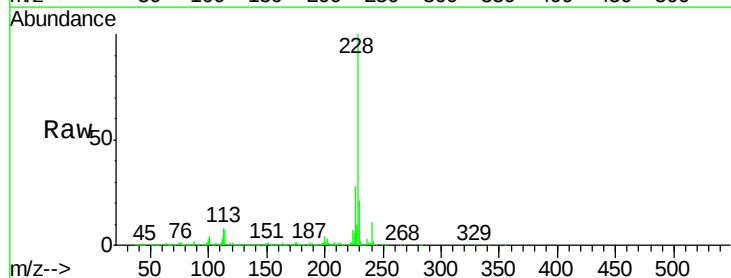
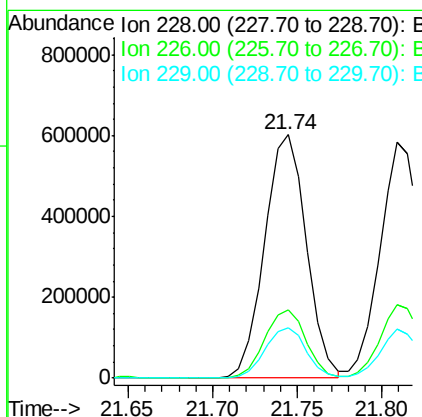
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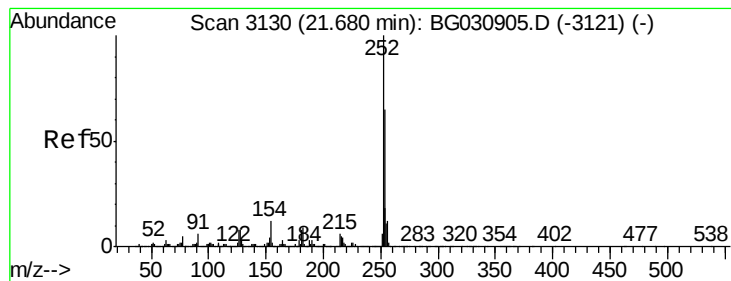
Sohil
12/5/2017 3:27:25 PM



#80
Benzo(a)anthracene
Concen: 31.18 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.6	16.2	24.2





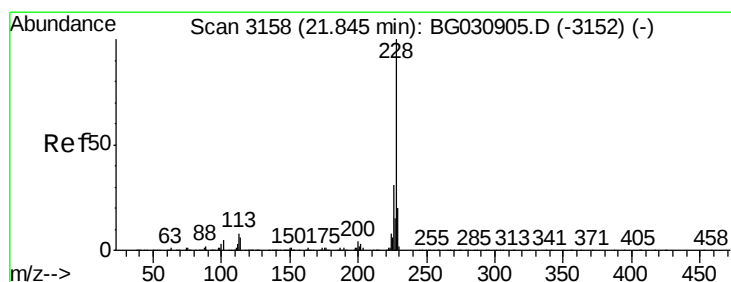
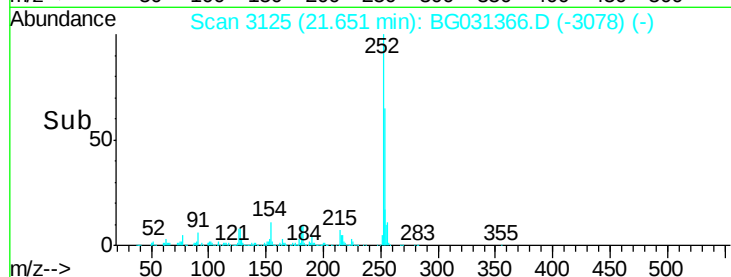
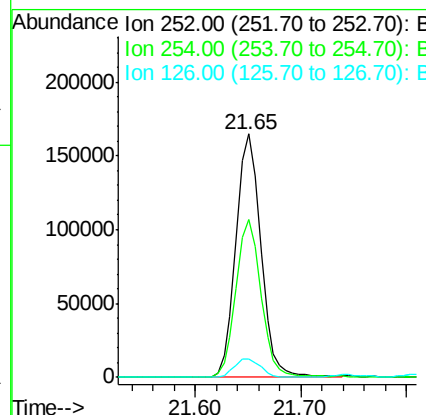
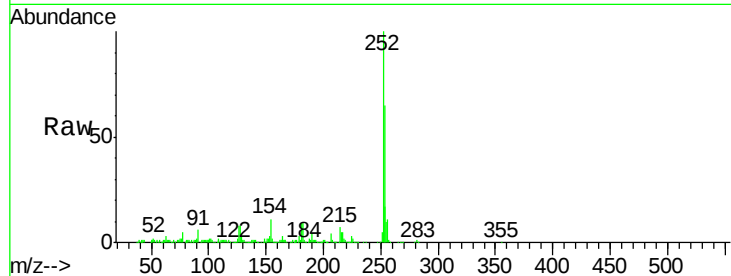
#81
 3,3'-Dichlorobenzidine
 Concen: 20.21 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	7.8	7.4	11.2

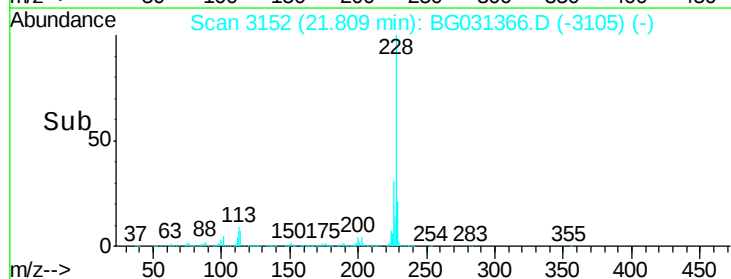
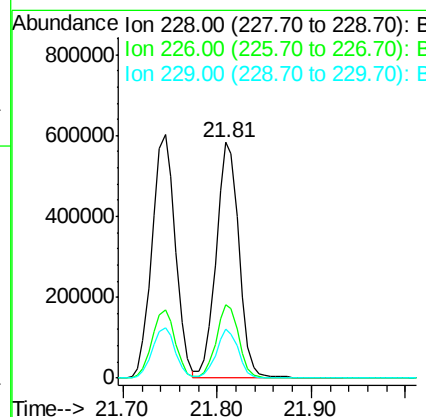
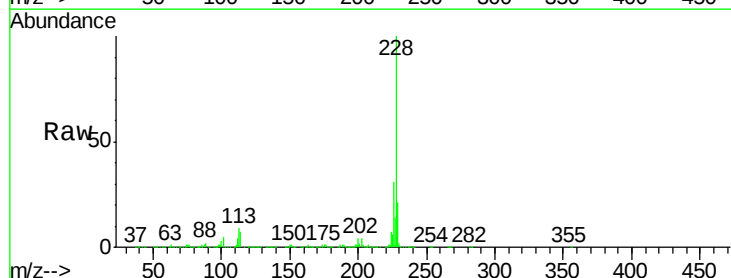
Manual Integrations
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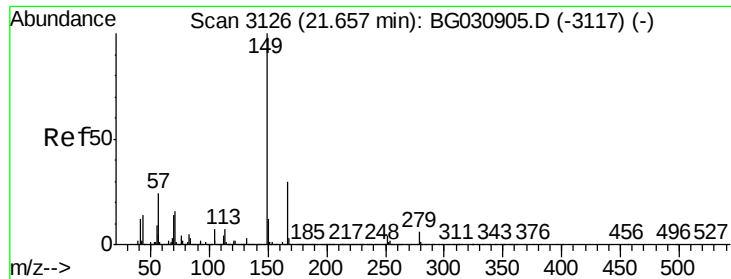
Sohil
 12/5/2017 3:27:25 PM



#82
 Chrysene
 Concen: 32.24 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.02 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.7	15.0	22.4





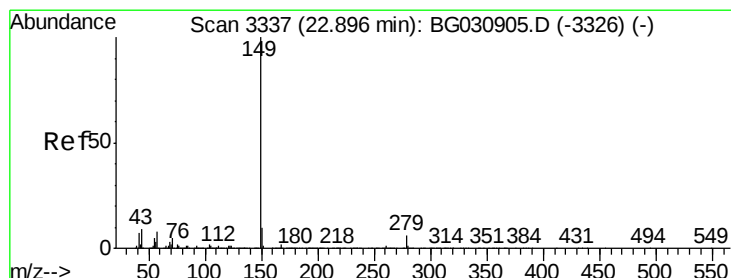
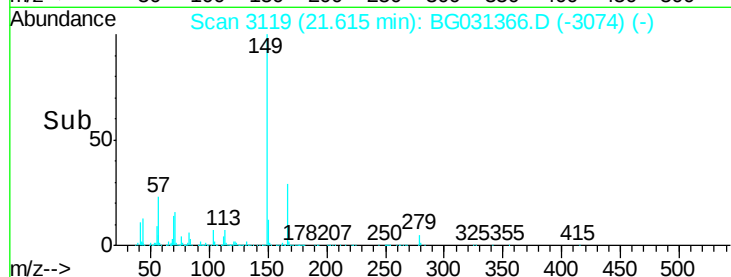
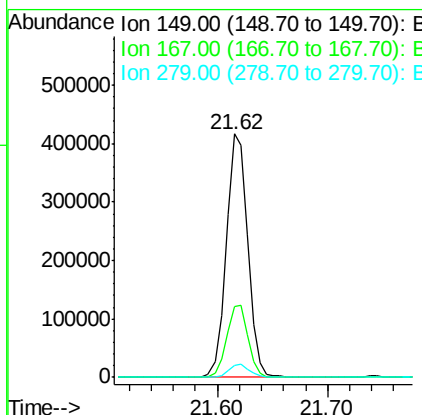
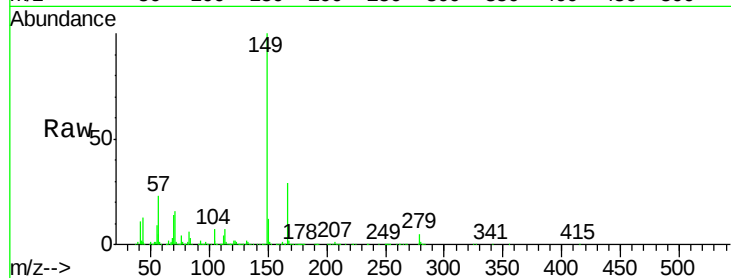
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.02 ng
 RT: 21.62 min Scan# 3119
 Delta R.T. -0.03 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0

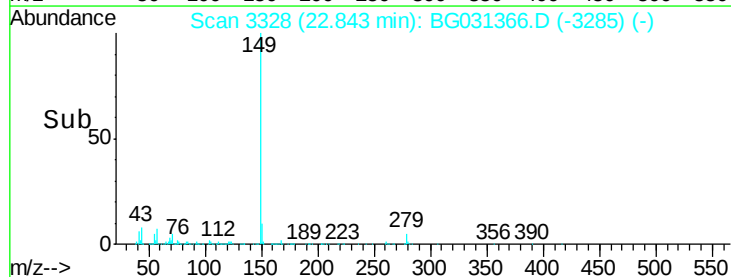
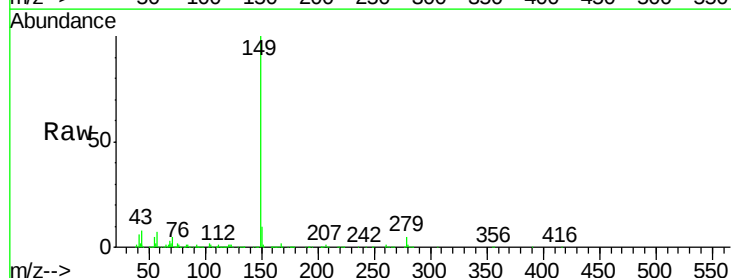
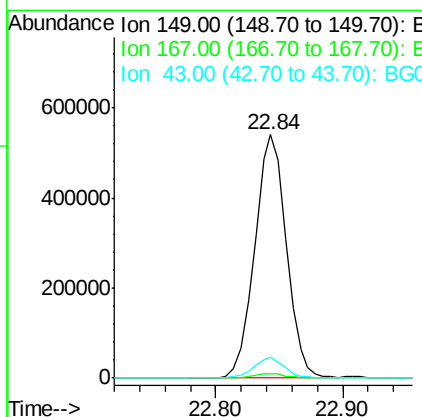
Manual Integrations
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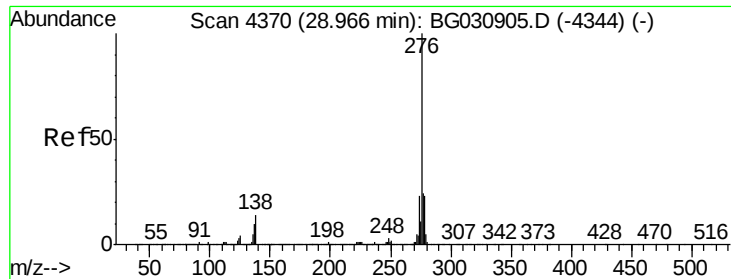
Sohil
 12/5/2017 3:27:25 PM



#84
 Di-n-octyl phthalate
 Concen: 31.61 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.0	8.9	13.3





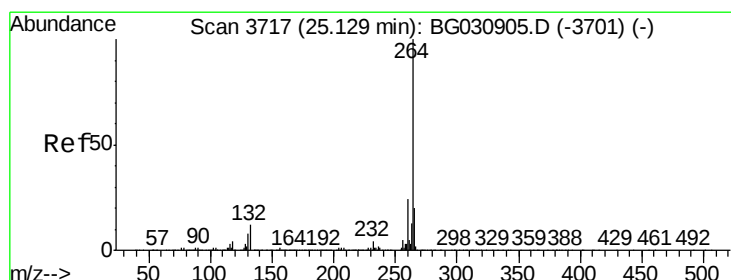
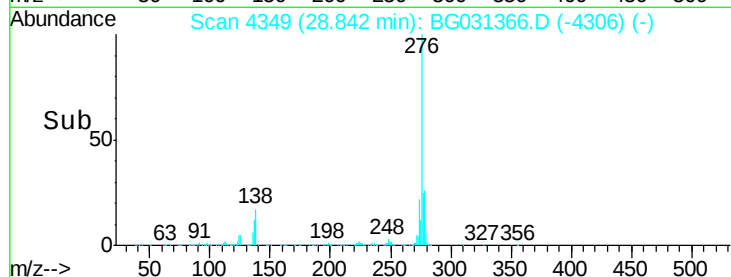
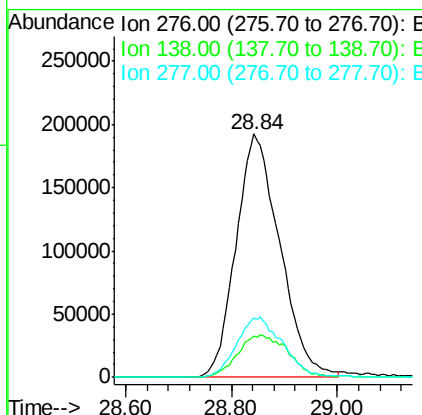
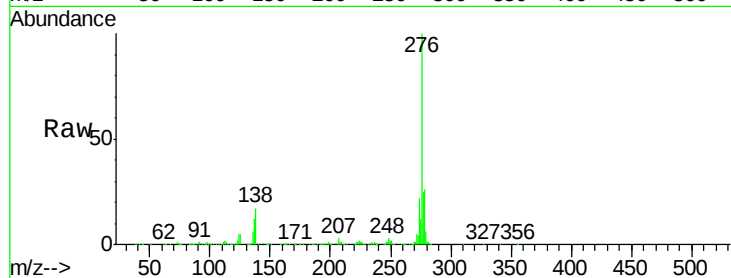
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.67 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.05 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

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

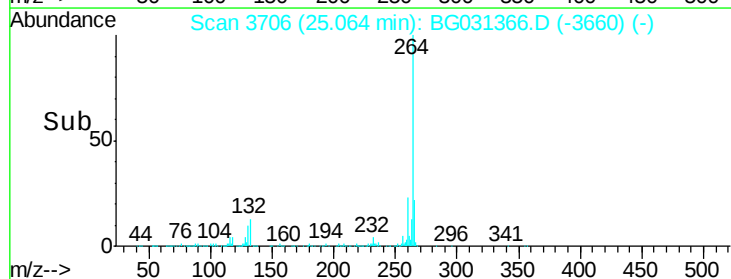
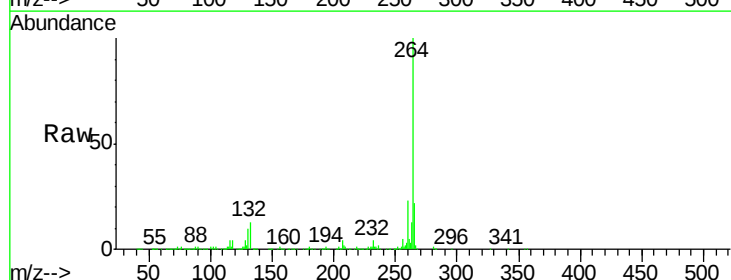
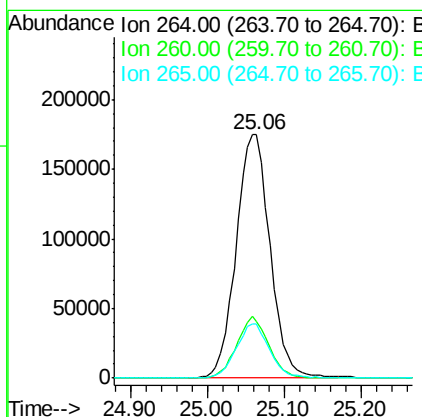
Manual Integrations
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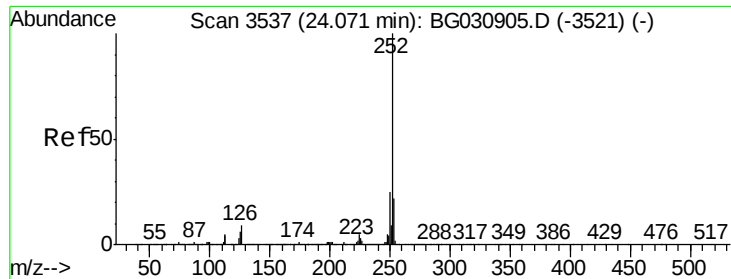
Sohil
12/5/2017 3:27:25 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.3	17.7	26.5





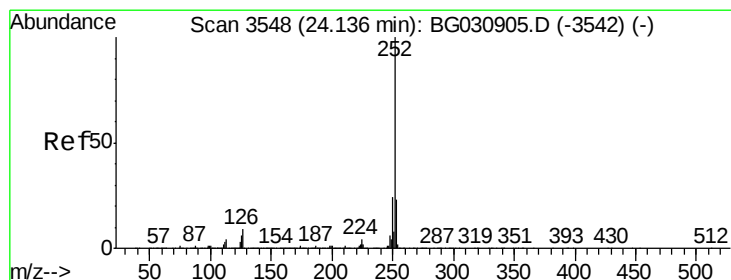
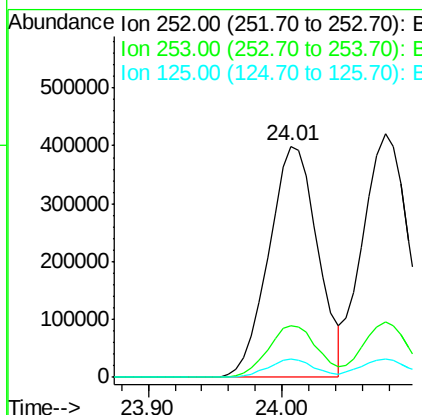
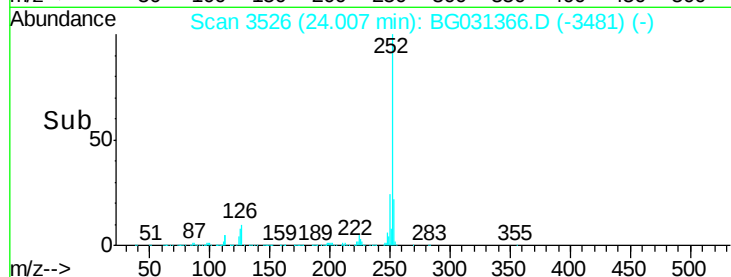
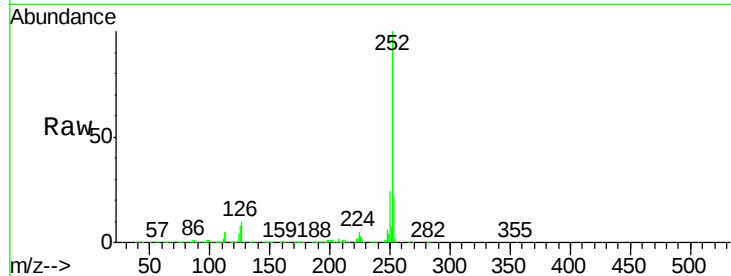
#87
Benzo(b)fluoranthene
Concen: 31.21 ng
RT: 24.01 min Scan# 3526
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-2

Tot Ion:252 Resp: 1017027
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 7.8 7.2 10.8

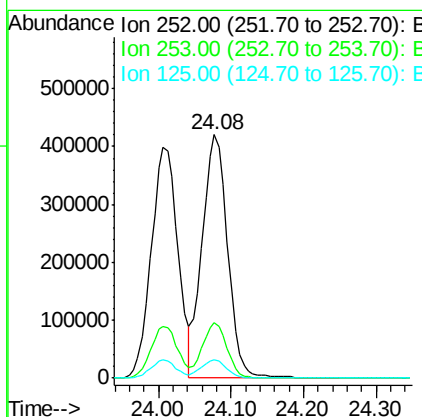
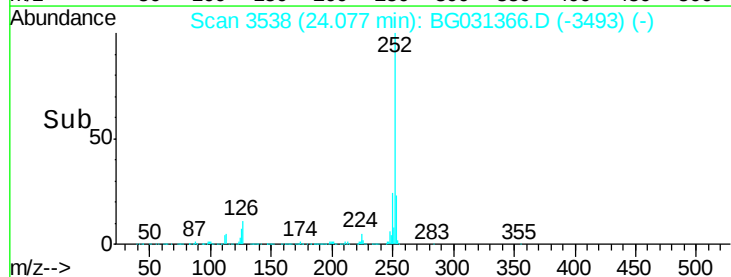
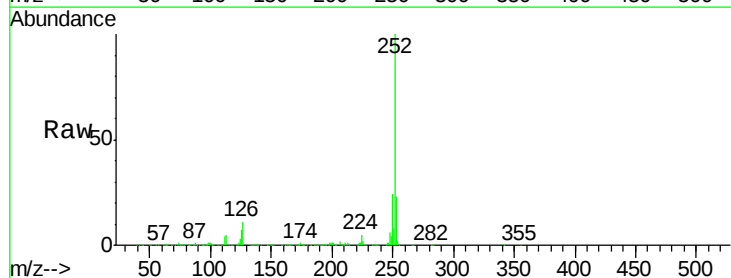
Manual Integrations
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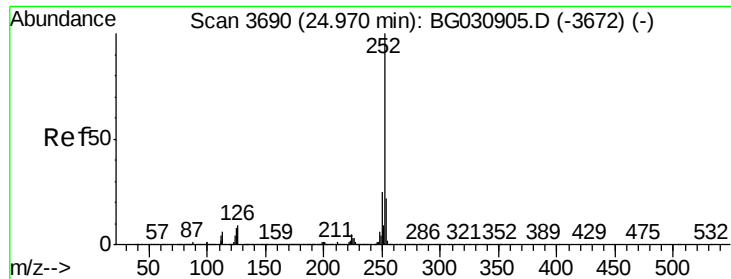
Sohil
12/5/2017 3:27:25 PM



#88
Benzo(k)fluoranthene
Concen: 31.54 ng
RT: 24.08 min Scan# 3538
Delta R.T. -0.03 min
Lab File: BG031366.D
Acq: 5 Dec 2017 3:23

Tgt Ion:252 Resp: 1018913
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 7.5 6.6 9.8





#89

Benzo(a)pyrene

Concen: 32.17 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Instrument :

BNA_G

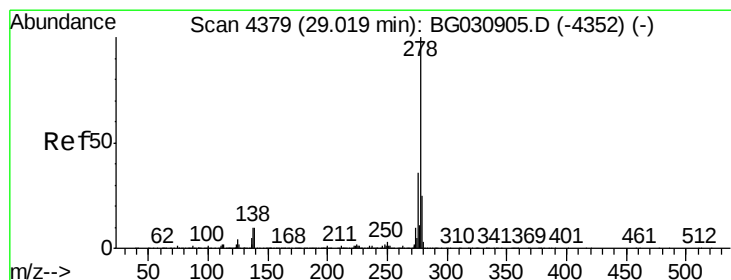
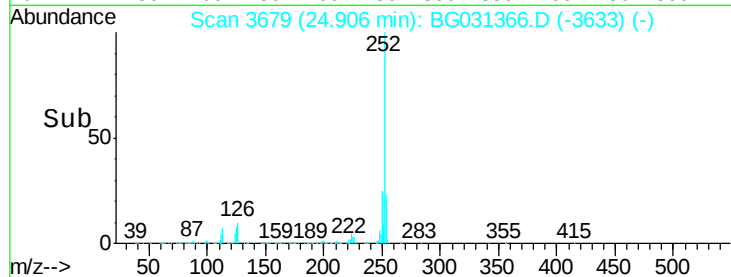
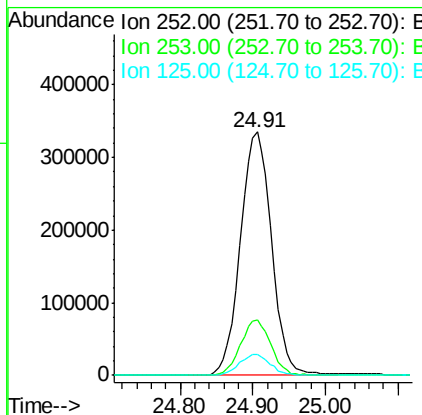
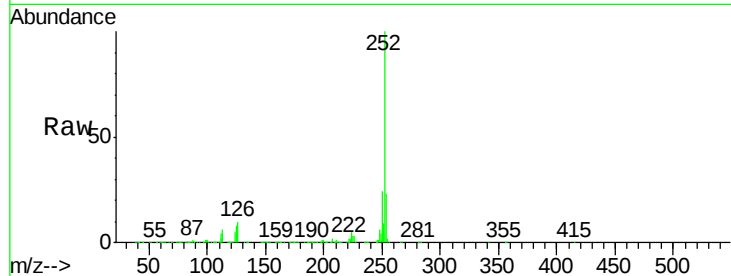
ClientSampleId :

IDOC-SOIL-2

Tot Ion:	252	Resp:	995883
Ion Ratio		Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.4	7.3	10.9

Manual Integrations
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12/5/2017 3:27:25 PM



#90

Dibenzo(a,h)anthracene

Concen: 29.57 ng

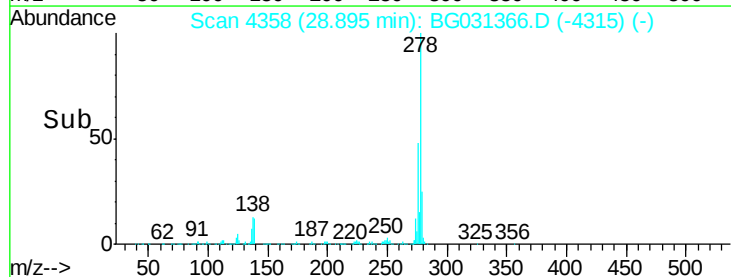
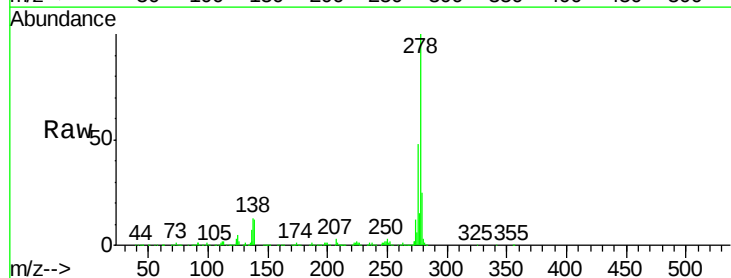
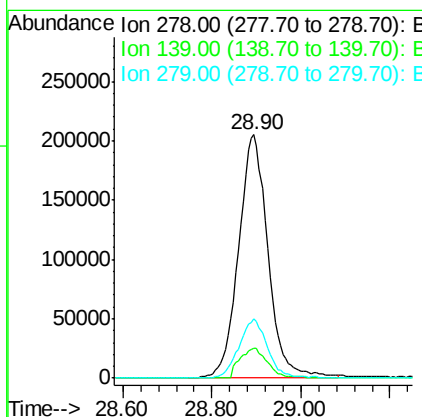
RT: 28.90 min Scan# 4358

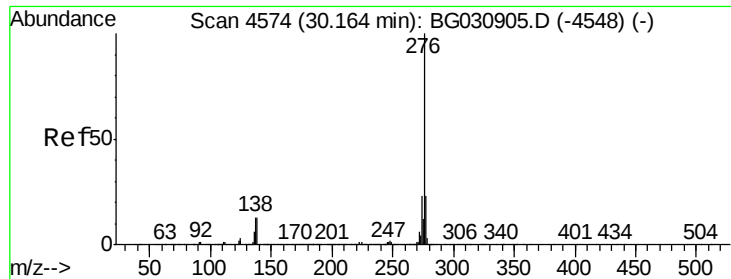
Delta R.T. -0.05 min

Lab File: BG031366.D

Acq: 5 Dec 2017 3:23

Tgt Ion:	278	Resp:	935605
Ion Ratio		Lower	Upper
278	100		
139	12.3	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 29.99 ng
 RT: 30.03 min Scan# 4551
 Delta R.T. -0.05 min
 Lab File: BG031366.D
 Acq: 5 Dec 2017 3:23

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-2

Tot Ion:	276	Resp:	920926
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.3	27.5
138	15.7	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:27:25 PM

