

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031367.D
 Acq On : 5 Dec 2017 4:01
 Operator : SJ/JU
 Sample : IDOC-SOIL-3
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:27:26 PM

Quant Time: Dec 05 09:56:51 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	8.12	152	56745	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	261657	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	184461	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	472793	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	501655	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509901	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	538350	162.68	ng	-0.02
7) Phenol-d6	7.29	99	715581	160.51	ng	-0.01
23) Nitrobenzene-d5	9.30	82	424119	96.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	368486	123.49	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1251087	97.46	ng	-0.02
78) Terphenyl-d14	20.08	244	2153591	94.79	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	56128	41.80	ng	# 81
3) Pyridine	3.95	79	50813	13.03	ng	89
4) n-Nitrosodimethylamine	3.86	42	82022	44.39	ng	# 89
6) Aniline	7.45	93	176349	30.06	ng	94
8) 2-Chlorophenol	7.69	128	207980	56.95	ng	88
9) Benzaldehyde	7.27	77	78338	25.11	ng	87
10) Phenol	7.32	94	273035	58.97	ng	92
11) bis(2-Chloroethyl)ether	7.54	93	188109	50.89	ng	88
12) 1,3-Dichlorobenzene	8.02	146	216342m	50.49	ng	
13) 1,4-Dichlorobenzene	8.16	146	222290	51.20	ng	93
14) 1,2-Dichlorobenzene	8.48	146	212992	51.11	ng	96
15) Benzyl Alcohol	8.37	79	176310	49.30	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	276398	67.69	ng	93
17) 2-Methylphenol	8.58	107	184591	57.25	ng	97
18) Hexachloroethane	9.21	117	78168	51.73	ng	94
19) n-Nitroso-di-n-propylamine	8.93	70	155201	45.79	ng	# 94
20) 3+4-Methylphenols	8.90	107	258897	56.47	ng	95
22) Acetophenone	8.95	105	303839	46.64	ng	# 91
24) Nitrobenzene	9.34	77	230045	51.00	ng	91
25) Isophorone	9.86	82	448464	52.08	ng	# 92
26) 2-Nitrophenol	10.06	139	131445	55.91	ng	# 86
27) 2,4-Dimethylphenol	10.11	122	211895	60.71	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	279486	51.53	ng	98
29) 2,4-Dichlorophenol	10.60	162	245405	58.55	ng	92
30) 1,2,4-Trichlorobenzene	10.80	180	260989	52.15	ng	98
31) Naphthalene	10.99	128	661001	51.39	ng	99
32) Benzoic acid	10.24	122	29677	14.67	ng	86
33) 4-Chloroaniline	11.11	127	146199	25.96	ng	94
34) Hexachlorobutadiene	11.27	225	166065	47.85	ng	97
35) Caprolactam	11.88	113	69532m	40.61	ng	
36) 4-Chloro-3-methylphenol	12.23	107	249163	54.62	ng	# 84
37) 2-Methylnaphthalene	12.59	142	528089	53.18	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	326608	44.61	ng	96
40) Hexachlorocyclopentadiene	12.93	237	288063	102.87	ng	91

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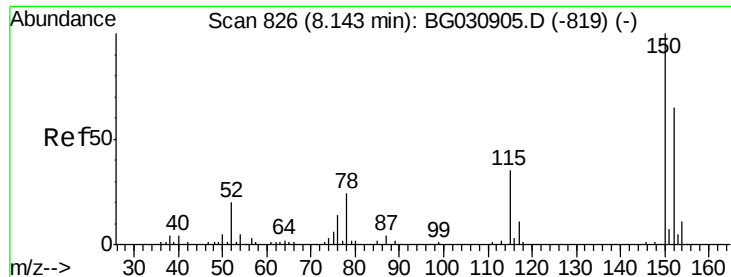
Manual Integrations
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Sohil
 12/5/2017 3:27:26 PM

Quant Time: Dec 05 09:56:51 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)
42) 2,4,6-Trichlorophenol	13.19	196	221652	52.96	nq	97
43) 2,4,5-Trichlorophenol	13.28	196	244179	53.32	nq	# 93
45) 1,1'-Biphenyl	13.58	154	697197	45.58	nq	96
46) 2-Chloronaphthalene	13.63	162	581516	52.69	nq	95
47) 2-Nitroaniline	13.84	65	163101	49.86	nq	# 76
48) Acenaphthylene	14.47	152	877877	48.60	nq	99
49) Dimethylphthalate	14.20	163	873127	54.74	nq	98
50) 2,6-Dinitrotoluene	14.33	165	181155	55.11	nq	# 74
51) Acenaphthene	14.82	154	554867	49.19	nq	98
52) 3-Nitroaniline	14.66	138	130974	37.52	nq	# 75
53) 2,4-Dinitrophenol	14.88	184	182781	99.52	nq	# 46
54) Dibenzofuran	15.15	168	911724	50.74	nq	100
55) 4-Nitrophenol	14.99	139	251139	101.00	nq	# 77
56) 2,4-Dinitrotoluene	15.12	165	260151	54.74	nq	# 72
57) Fluorene	15.80	166	725023	49.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	239778	54.94	nq	# 89
59) Diethylphthalate	15.55	149	778637	48.06	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	439203	49.85	nq	91
61) 4-Nitroaniline	15.83	138	189349	51.23	nq	86
62) Azobenzene	16.07	77	617046	49.94	nq	92
64) 4,6-Dinitro-2-methylphenol	15.88	198	146890	46.74	nq	78
65) n-Nitrosodiphenylamine	16.00	169	685954	47.88	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	294947	49.26	nq	97
67) Hexachlorobenzene	16.80	284	299305	47.04	nq	96
68) Atrazine	16.94	200	291610	49.33	nq	98
69) Pentachlorophenol	17.15	266	299660	85.20	nq	98
70) Phenanthrene	17.54	178	1236581	50.23	nq	98
71) Anthracene	17.62	178	1269084	51.45	nq	98
72) Carbazole	17.89	167	1159471	50.17	nq	99
73) Di-n-butylphthalate	18.43	149	1344391	47.37	nq	99
74) Fluoranthene	19.53	202	1588037	50.95	nq	97
76) Benzidine	19.71	184	206326	12.80	nq	98
77) Pyrene	19.90	202	1612189	54.16	nq	96
79) Butylbenzylphthalate	20.76	149	628148	52.92	nq	86
80) Benzo(a)anthracene	21.74	228	1591318	51.07	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	436123	34.67	nq	99
82) Chrysene	21.81	228	1513347	52.50	nq	95
83) Bis(2-ethylhexyl)phthalate	21.62	149	872979	50.95	nq	100
84) Di-n-octyl phthalate	22.84	149	1469481	52.70	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1796359	51.26	nq	99
87) Benzo(b)fluoranthene	24.01	252	1612163	52.27	nq	99
88) Benzo(k)fluoranthene	24.08	252	1563209	51.13	nq	98
89) Benzo(a)pyrene	24.91	252	1566609	53.47	nq	99
90) Dibenzo(a,h)anthracene	28.90	278	1513145	50.52	nq	99
91) Benzo(g,h,i)perylene	30.04	276	1477618	50.83	nq	98

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



#1

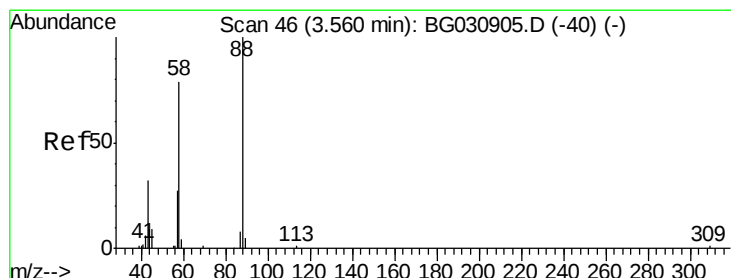
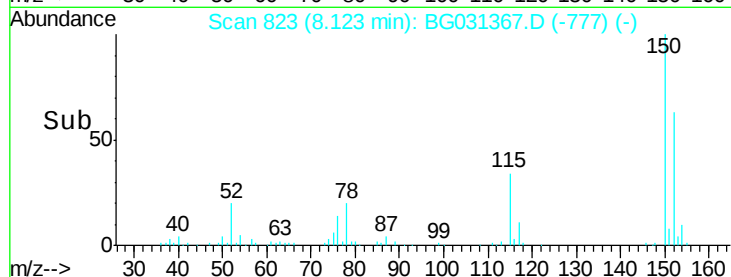
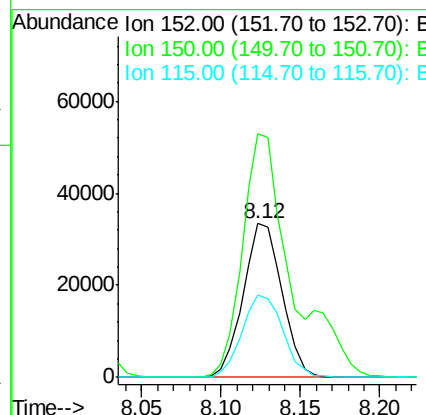
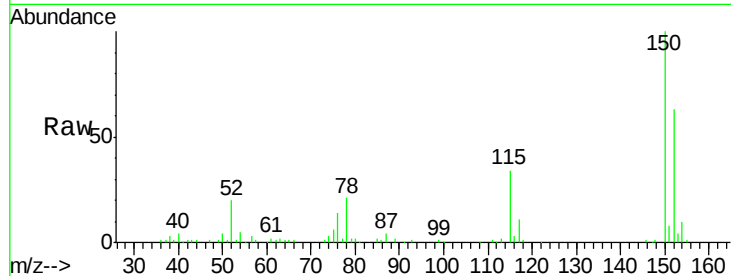
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.03 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	53.2	53.0	79.4

Manual Integrations
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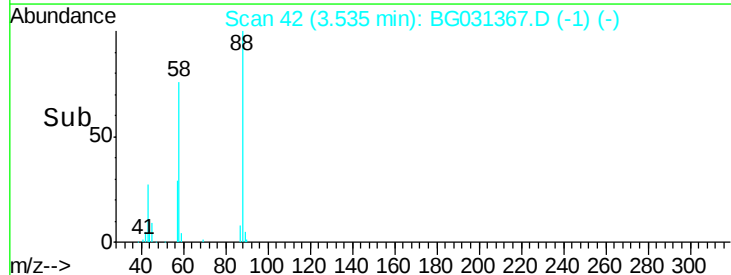
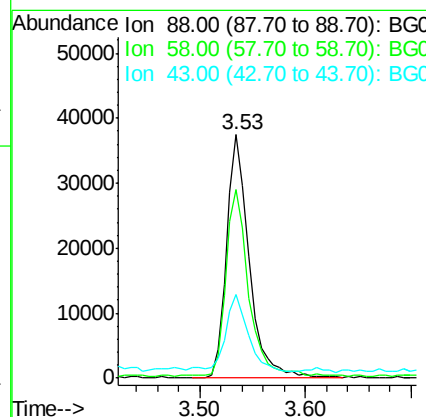
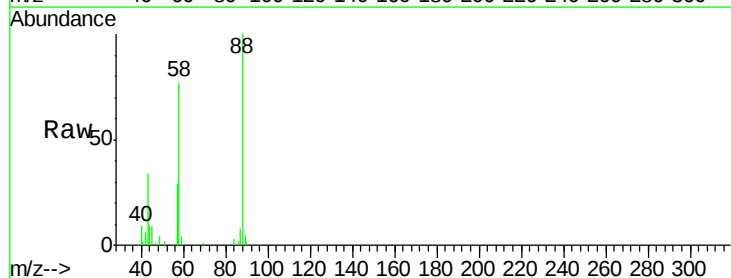
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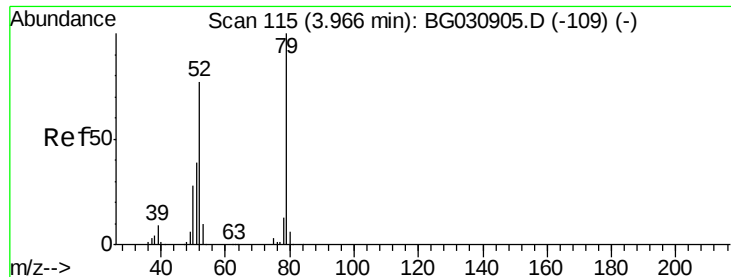


#2

1,4-Dioxane
Concen: 41.80 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	79.6	119.4#
43	31.8	27.4	41.0





#3

Pvridine

Concen: 13.03 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

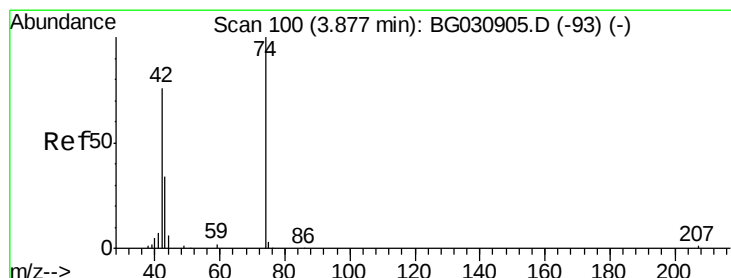
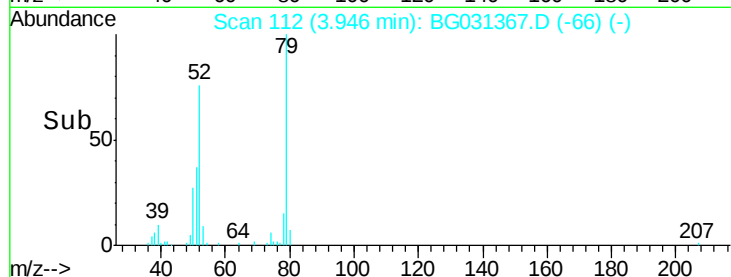
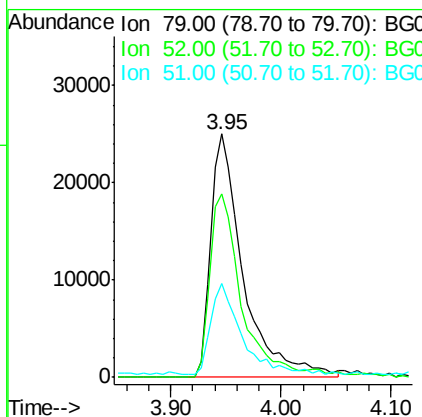
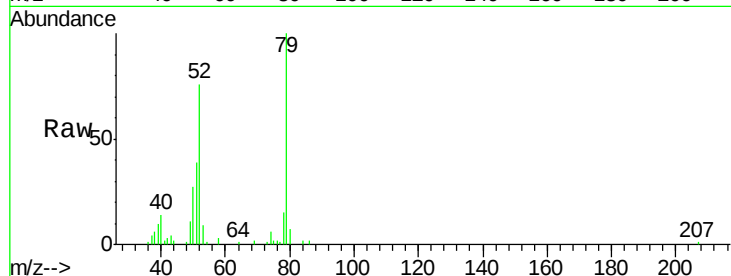
ClientSampleId :

IDOC-SOIL-3

Tot Ion:	79	Resp:	50813
Ion Ratio	Lower	Upper	
79	100		
52	75.5	69.9	104.9
51	38.7	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.39 ng

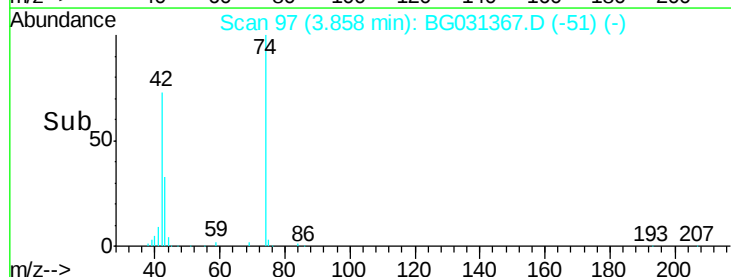
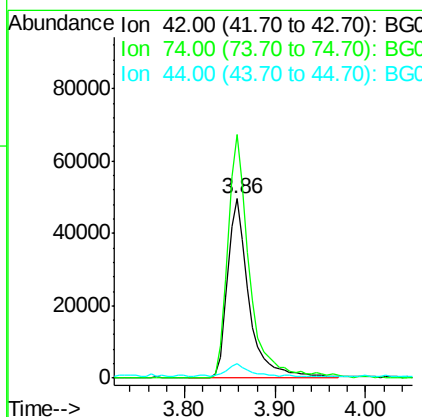
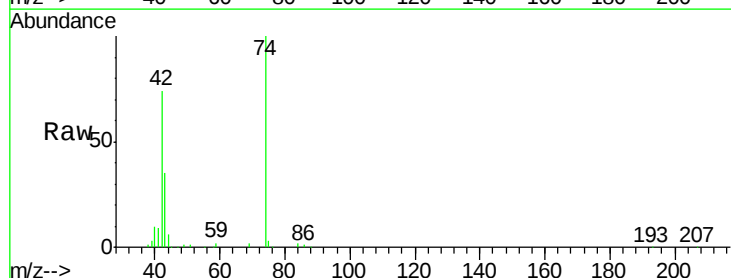
RT: 3.86 min Scan# 97

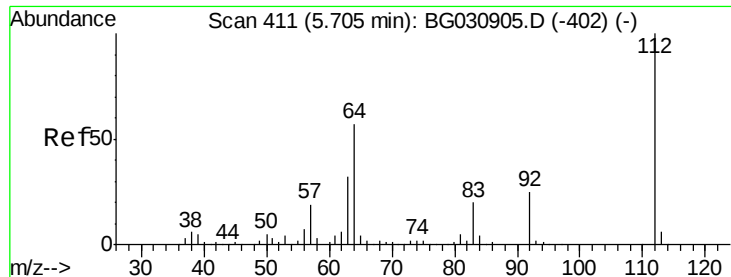
Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	42	Resp:	82022
Ion Ratio	Lower	Upper	
42	100		
74	135.8	102.5	153.7
44	7.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 162.68 ng

RT: 5.68 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

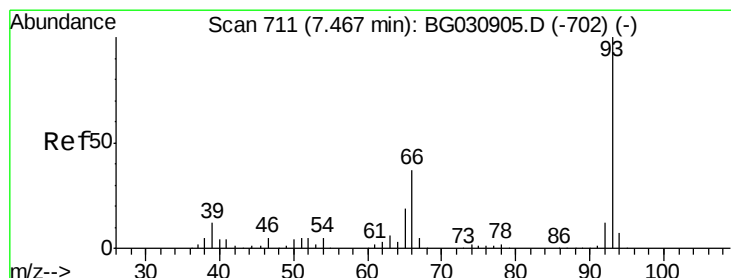
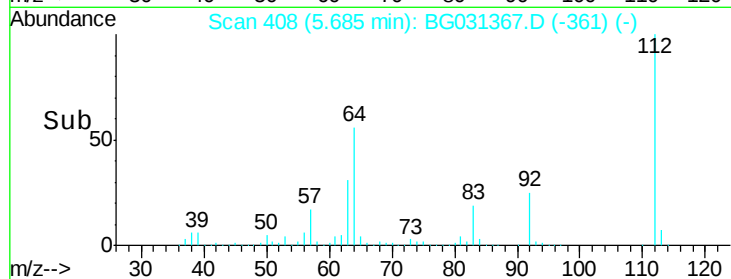
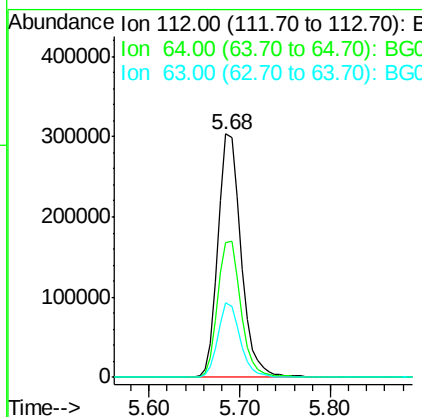
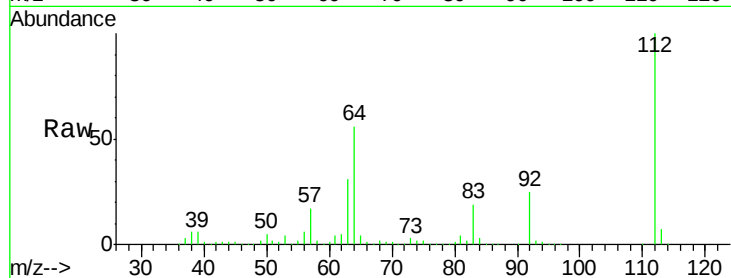
ClientSampleId :

IDOC-SOIL-3

Tot Ion:	112	Resp:	538350
Ion Ratio	Lower	Upper	
112	100		
64	55.6	56.3	84.5#
63	30.6	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 30.06 ng

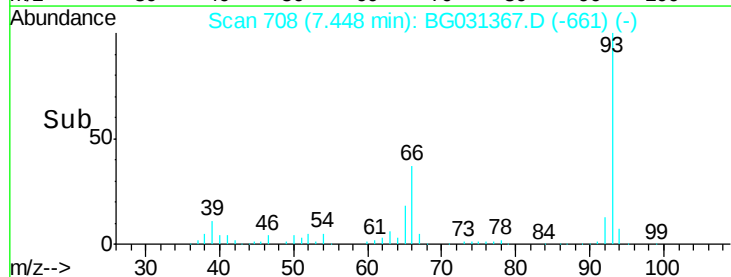
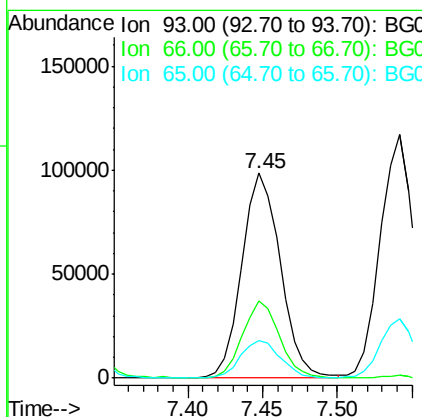
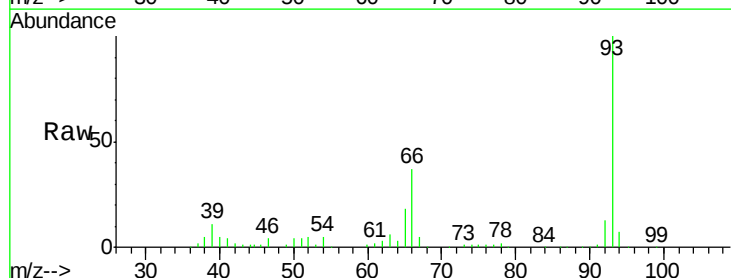
RT: 7.45 min Scan# 708

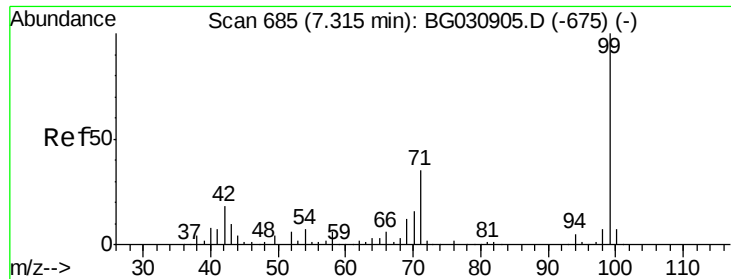
Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	93	Resp:	176349
Ion Ratio	Lower	Upper	
93	100		
66	37.4	33.7	50.5
65	18.3	16.1	24.1





#7

Phenol-d6

Concen: 160.51 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

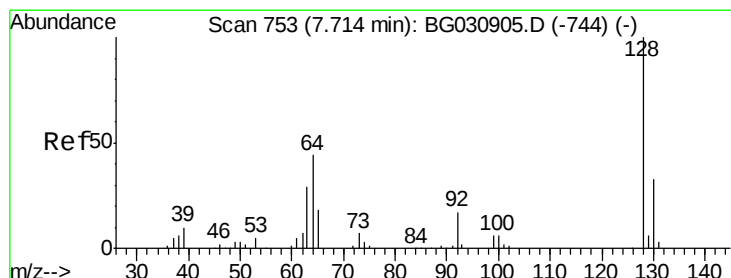
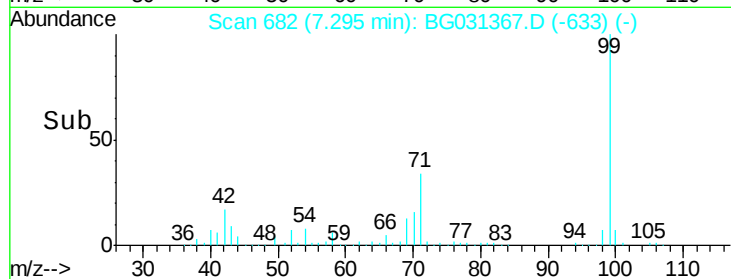
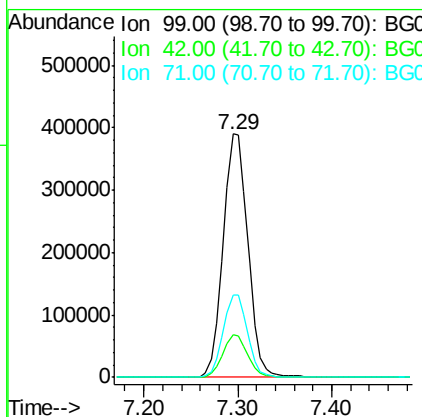
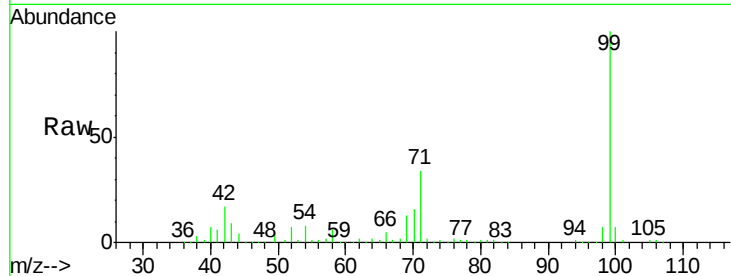
ClientSampled :

IDOC-SOIL-3

Tot Ion:	99	Resp:	715581
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.1	21.1
71	33.7	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 56.95 ng

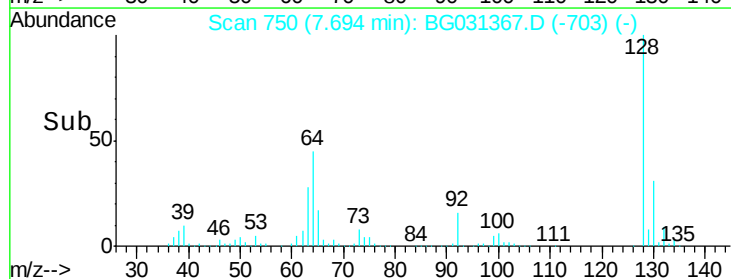
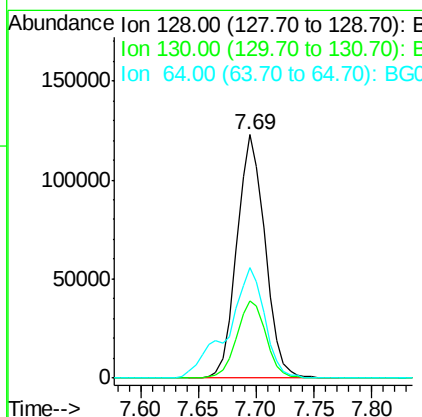
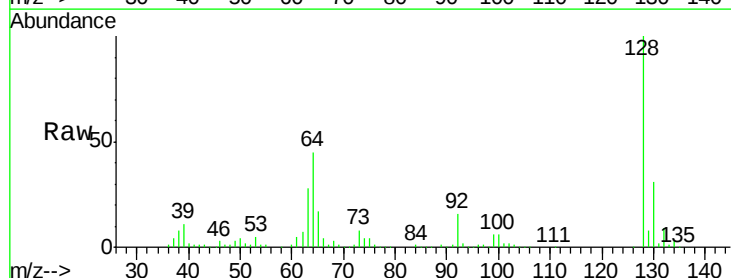
RT: 7.69 min Scan# 750

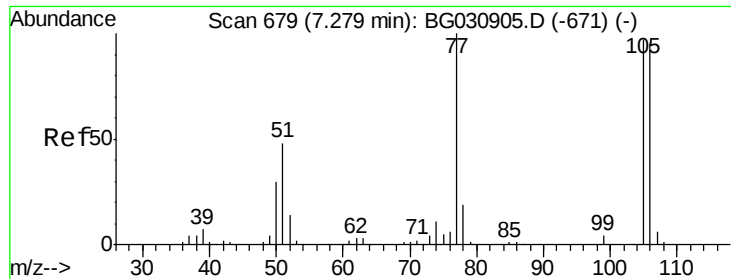
Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	128	Resp:	207980
Ion Ratio	Lower	Upper	
128	100		
130	31.5	14.0	54.0
64	45.5	37.7	77.7





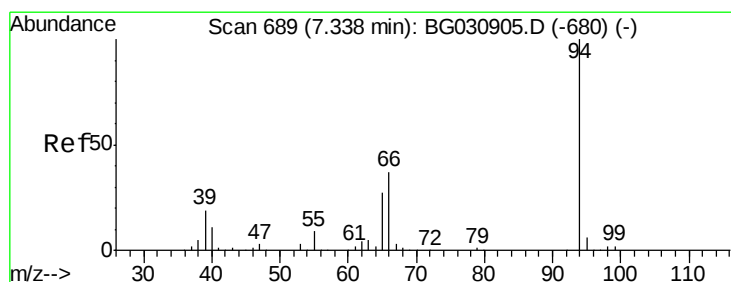
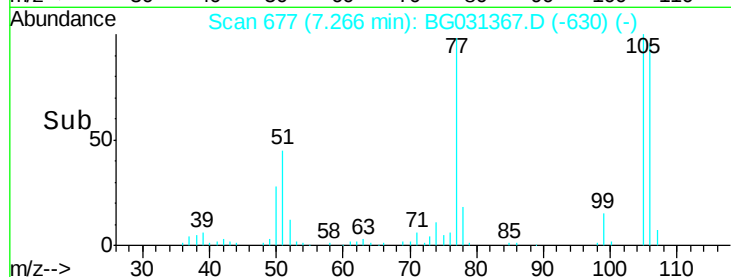
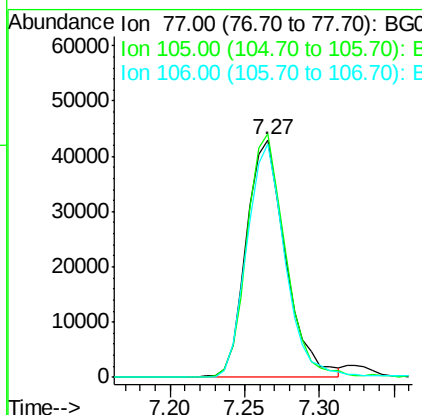
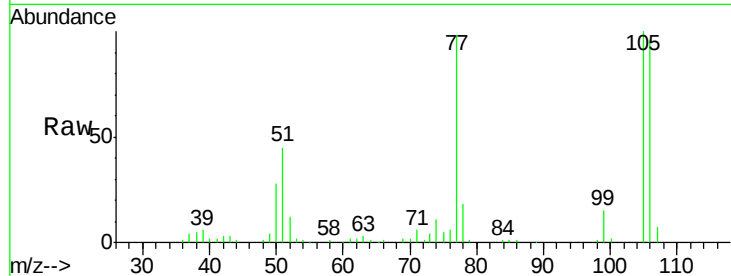
#9
Benzaldehyde
Concen: 25.11 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.5	71.3	111.3
106	98.1	64.2	104.2

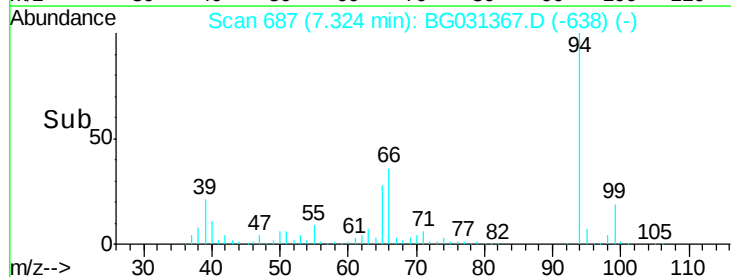
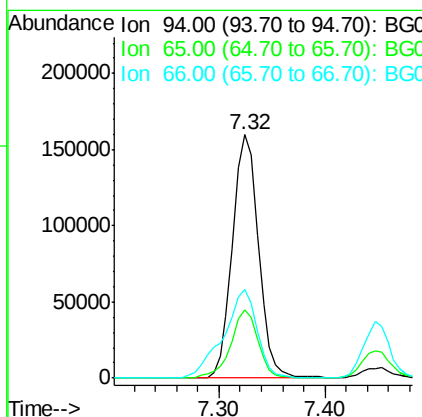
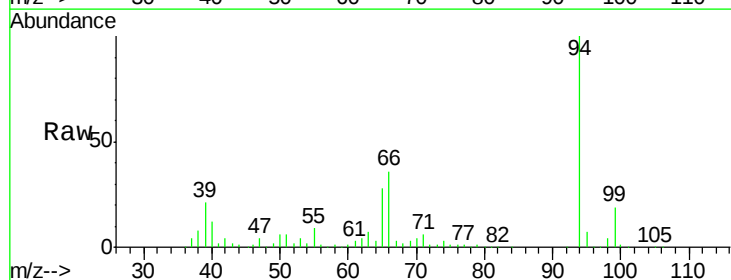
Manual Integrations
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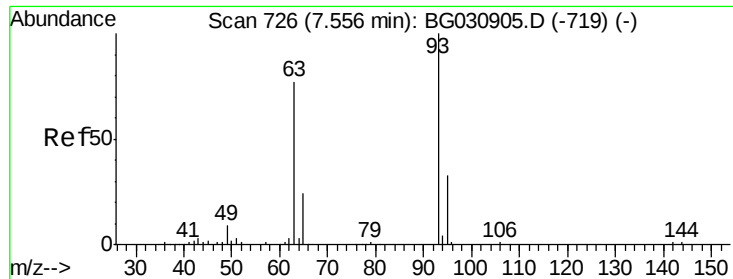
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#10
Phenol
Concen: 58.97 ng
RT: 7.32 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	11.9	51.9
66	36.5	22.2	62.2





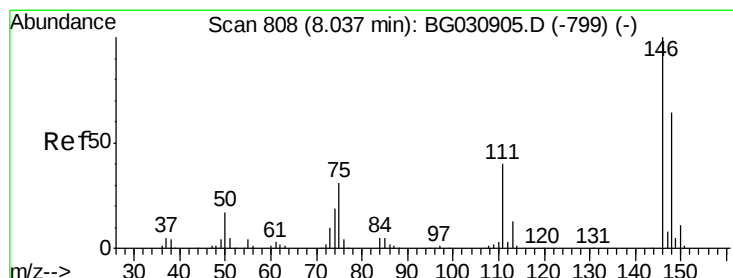
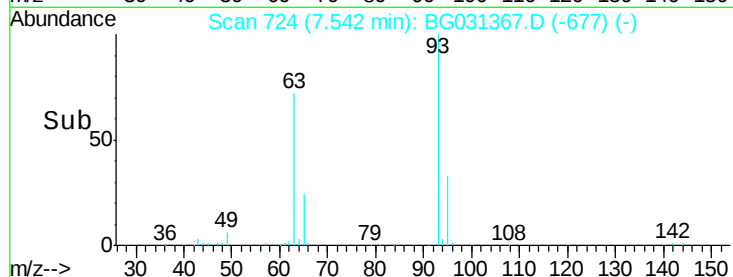
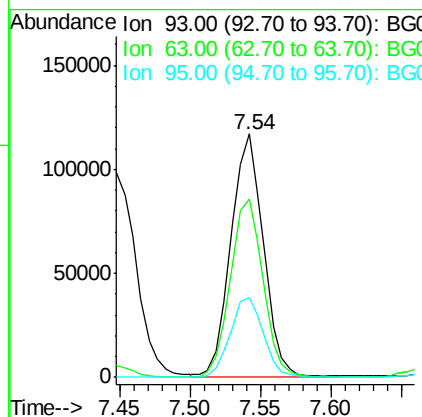
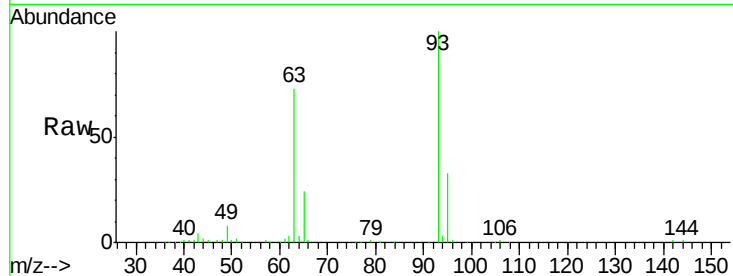
#11
bis(2-Chloroethyl)ether
Concen: 50.89 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	67.1	107.1
95	32.7	11.5	51.5

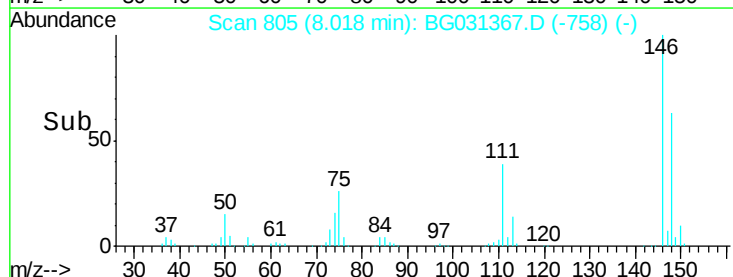
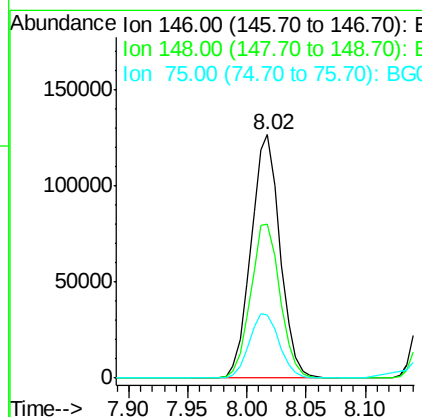
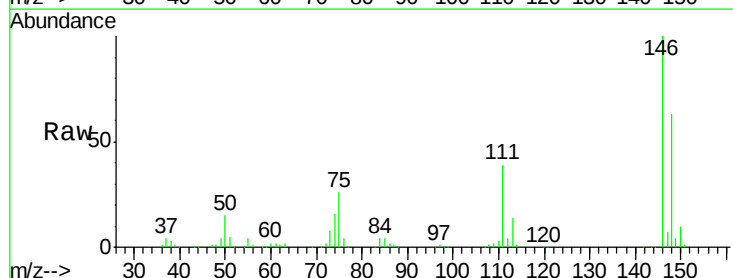
Manual Integrations
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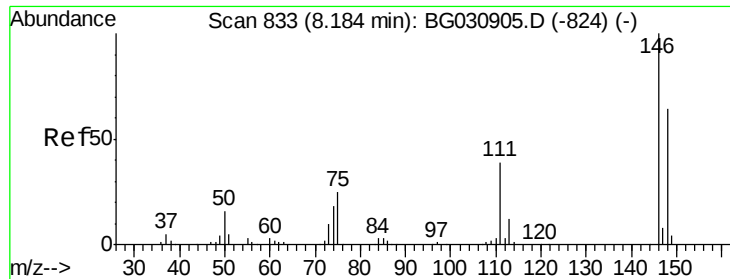
Sohil
12/5/2017 3:27:26 PM



#12
1,3-Dichlorobenzene
Concen: 50.49 ng m
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	25.9	26.6	39.8#





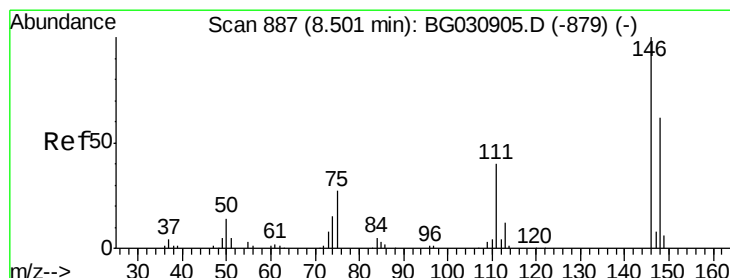
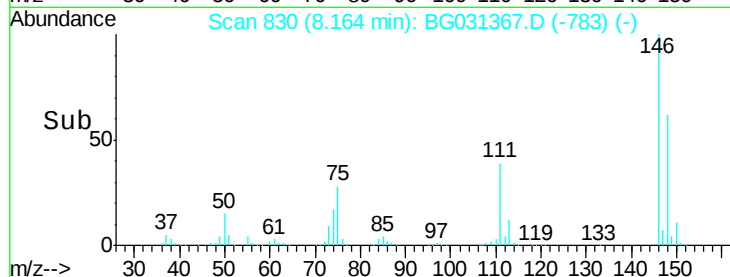
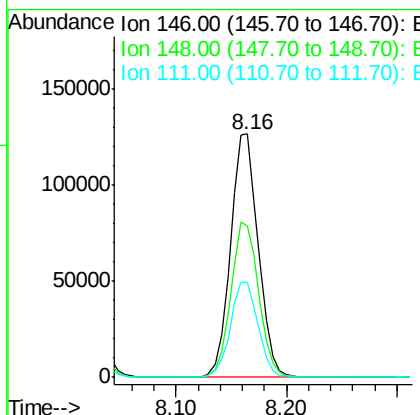
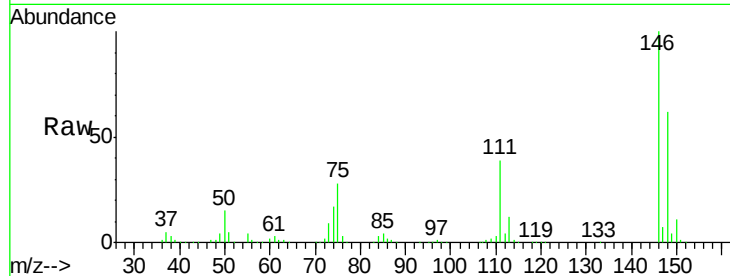
#13
 1,4-Dichlorobenzene
 Concen: 51.20 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.7	80.5
111	38.9	35.2	52.8

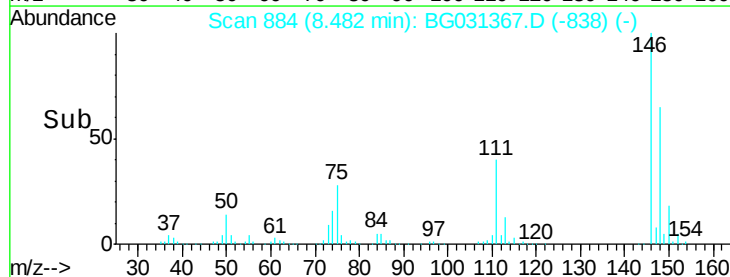
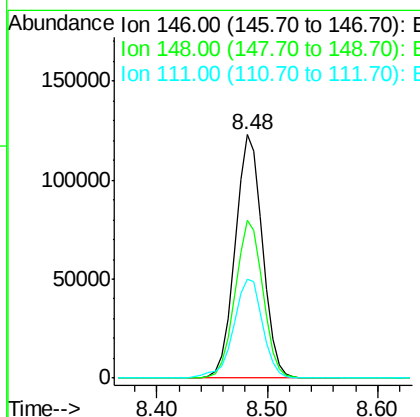
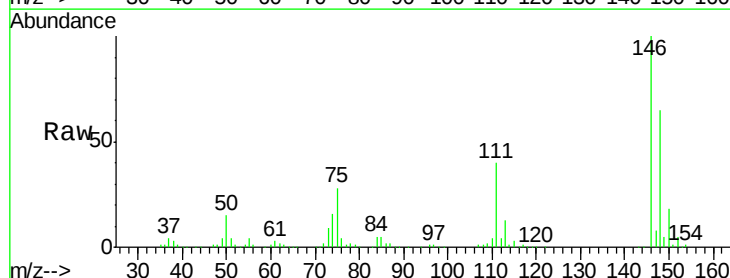
Manual Integrations
 APPROVED

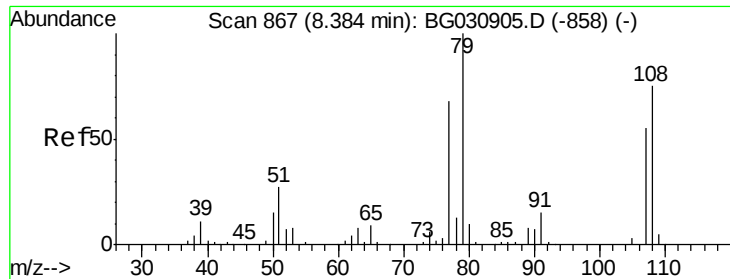
Sohil
 12/5/2017 3:27:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 51.11 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.3	73.9
111	40.5	34.3	51.5





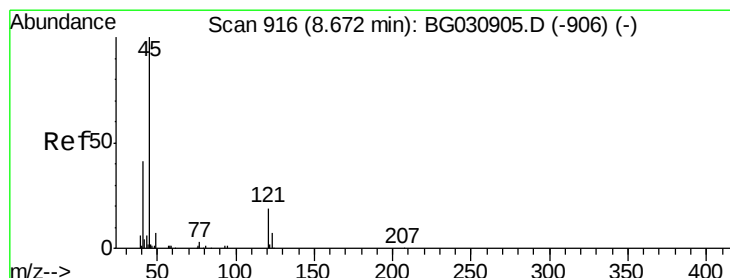
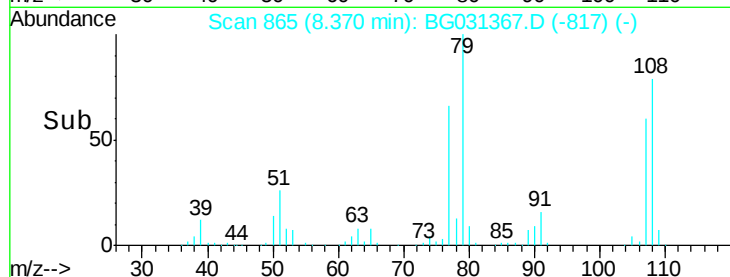
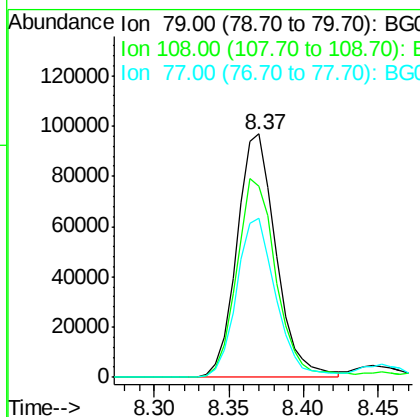
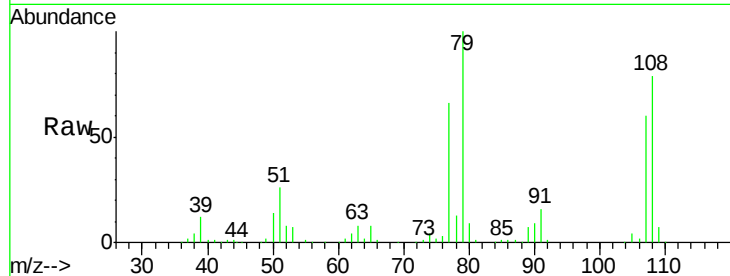
#15
Benzyl Alcohol
Concen: 49.30 ng
RT: 8.37 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	57.2	85.8
77	65.6	46.1	69.1

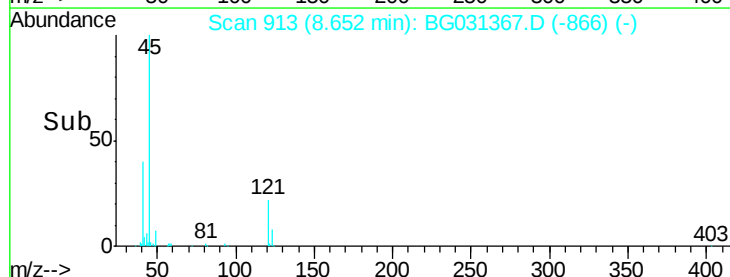
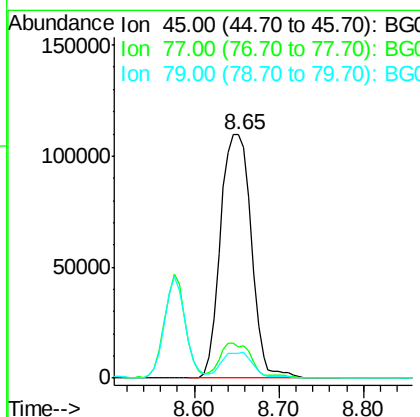
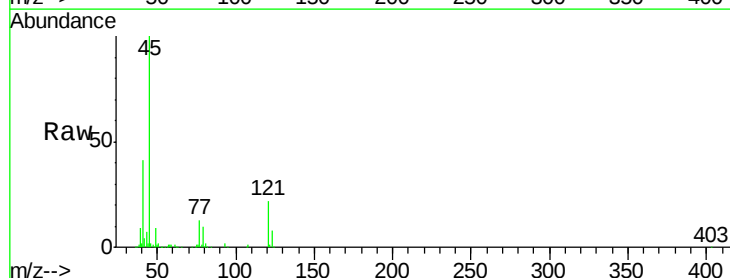
Manual Integrations
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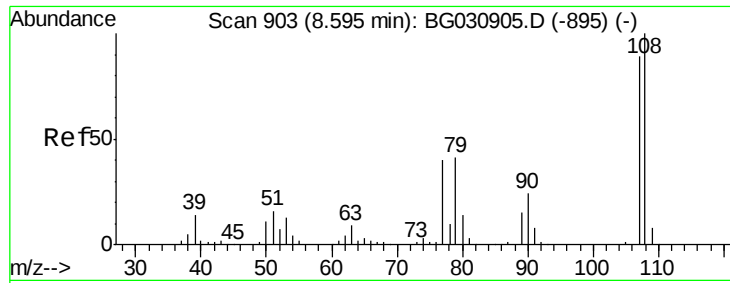
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#16
2,2'-oxybis(1-chloropropane)
Concen: 67.69 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	30.2
79	10.4	0.0	27.9





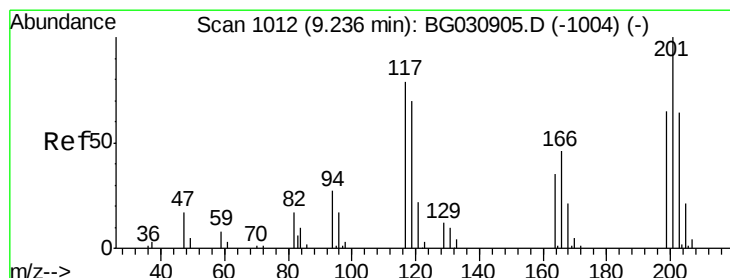
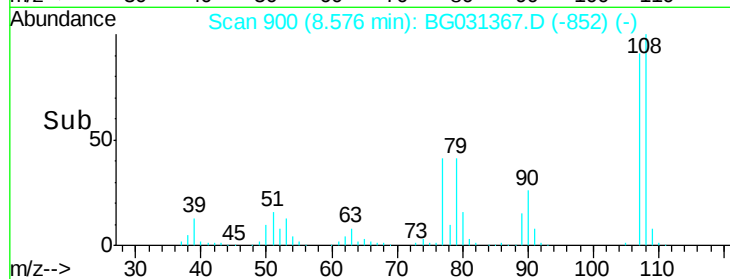
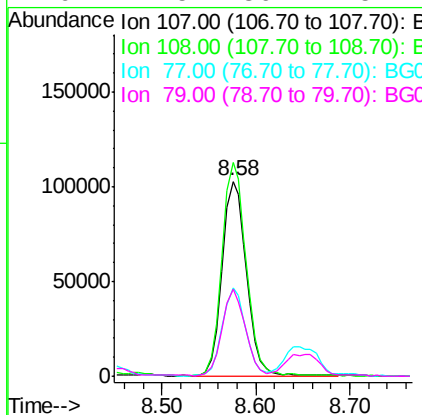
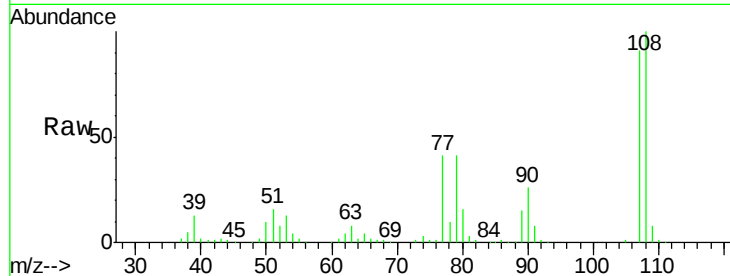
#17
2-Methylphenol
Concen: 57.25 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion:	107	Resp:	184591
Ion Ratio	Lower	Upper	
107	100		
108	109.8	83.9	125.9
77	45.4	37.2	55.8
79	44.5	36.2	54.2

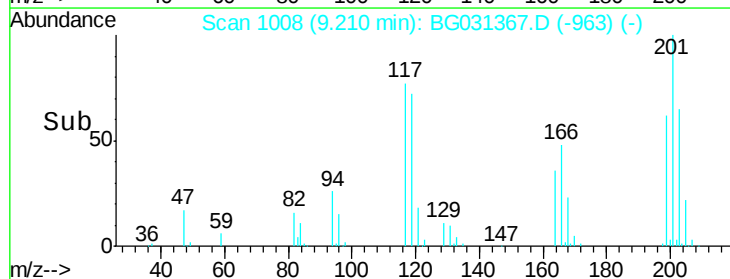
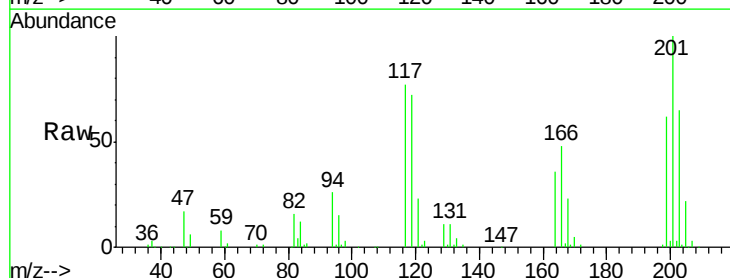
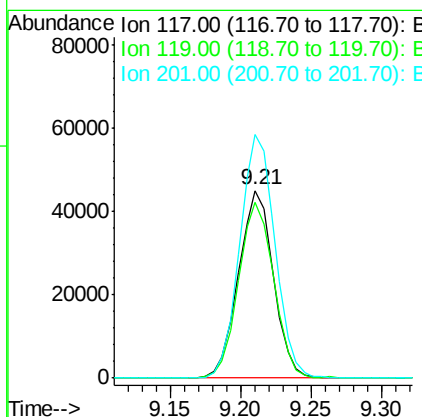
Manual Integrations
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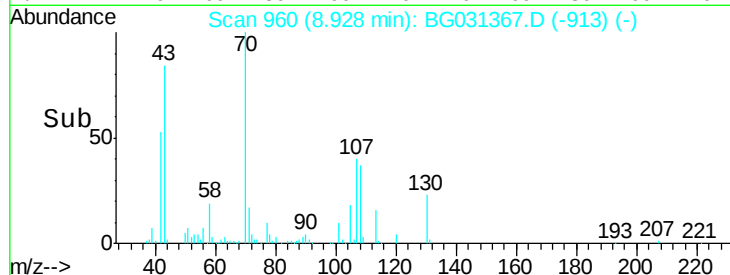
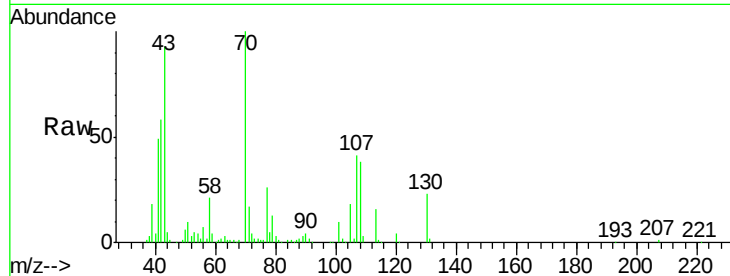
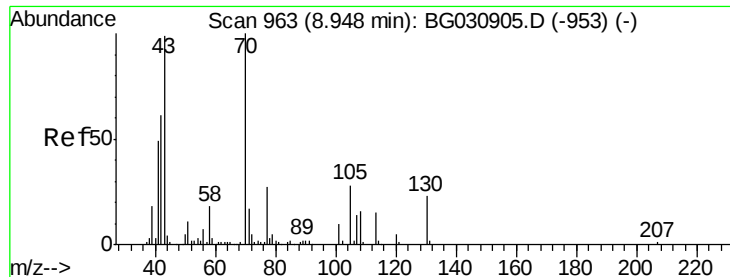
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#18
Hexachloroethane
Concen: 51.73 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion:	117	Resp:	78168
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.7	115.1
201	129.8	95.7	143.5





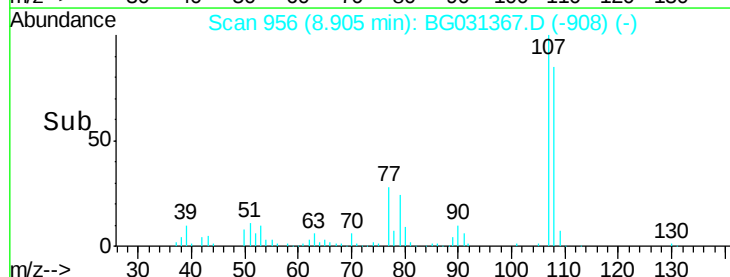
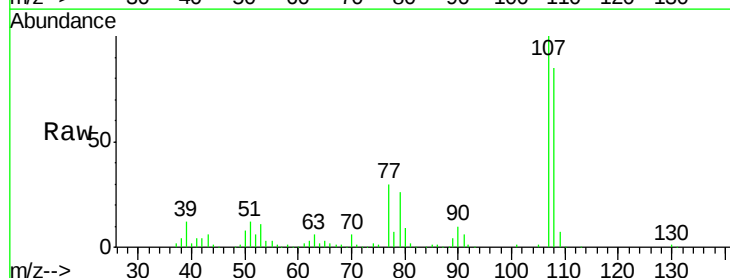
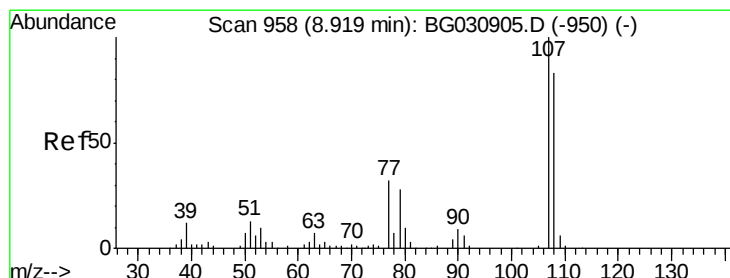
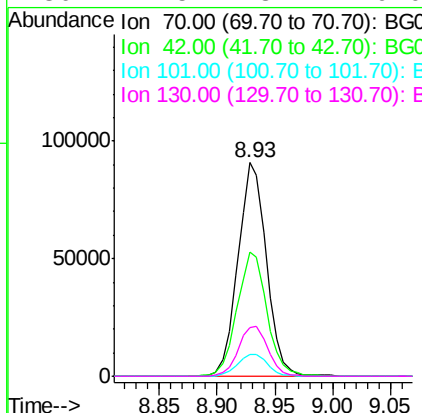
#19
n-Nitroso-di-n-propylamine
Concen: 45.79 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-3

Manual Integrations
APPROVED

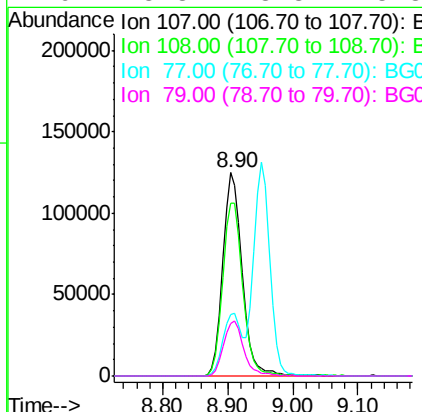
Sohil
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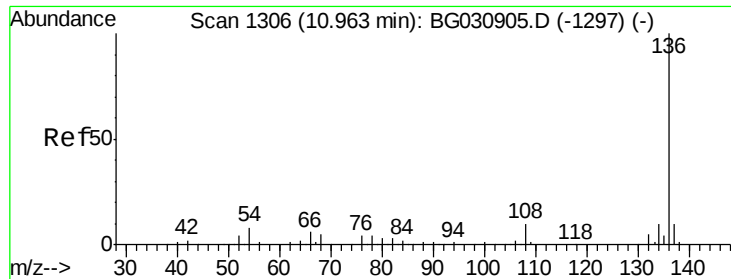
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.1	49.1	73.7	
101	10.3	8.5	12.7	
130	22.5	13.4	20.0	



#20
3+4-Methylphenols
Concen: 56.47 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	61.6	101.6	
77	30.5	13.9	53.9	
79	25.8	8.8	48.8	





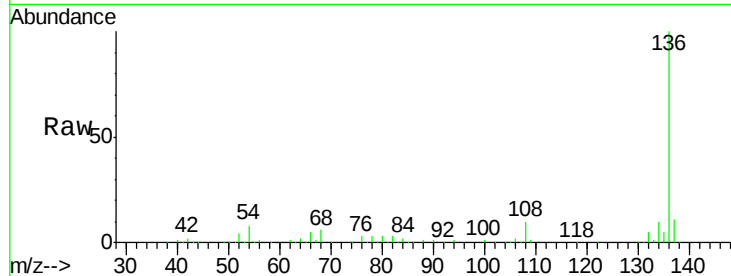
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

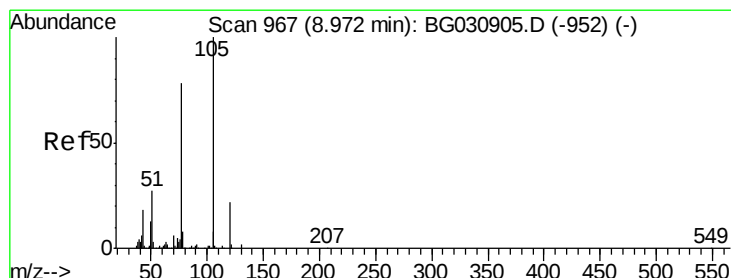
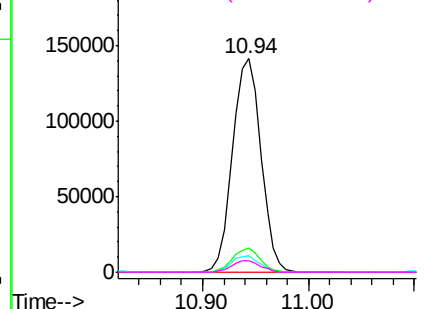
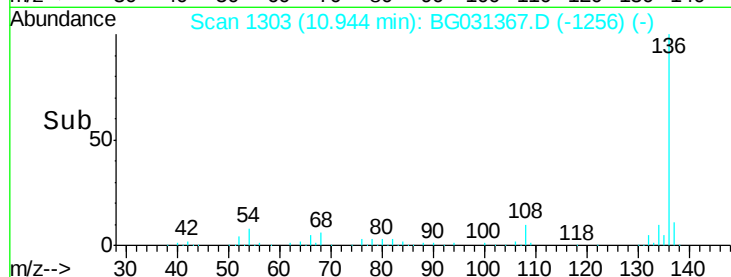
Tot Ion	Ratio	Resp	Lower	Upper
136	100	261657		
137	11.2	9.2	13.8	
54	7.8	10.3	15.5	
68	5.7	4.5	6.7	

Manual Integrations
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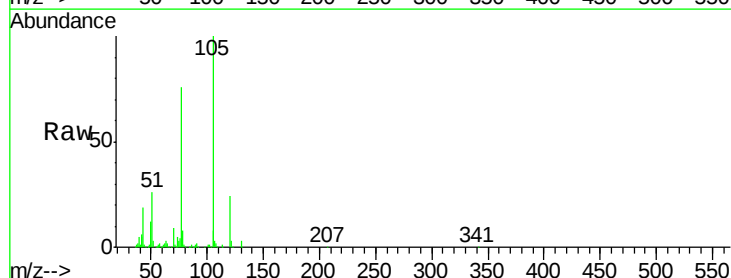


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

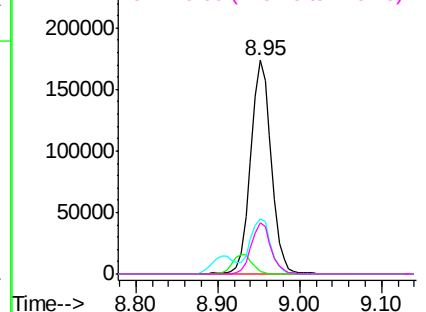
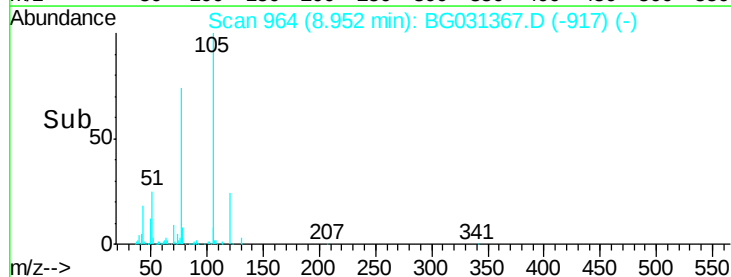


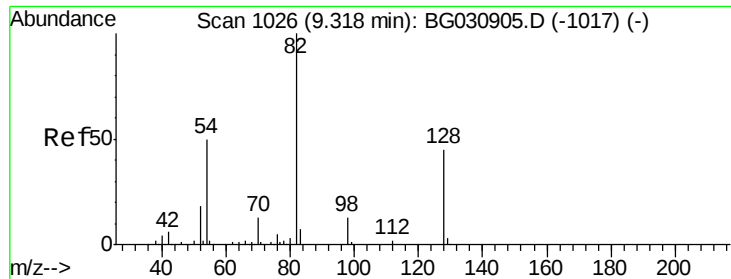
#22
Acetophenone
Concen: 46.64 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303839		
71	1.3	3.0	4.4	
51	26.0	26.1	39.1	
120	23.7	17.4	26.2	



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





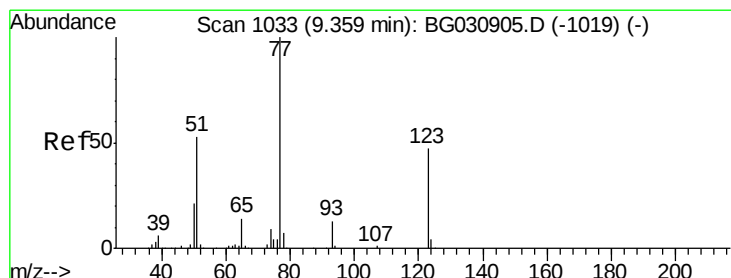
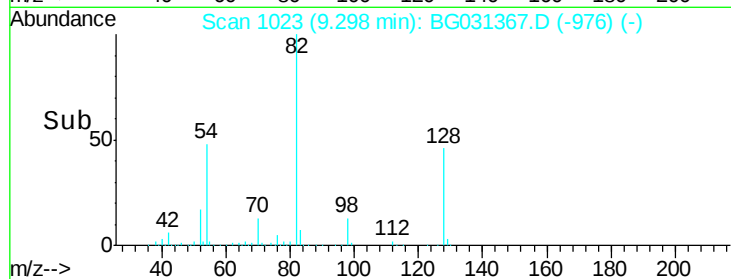
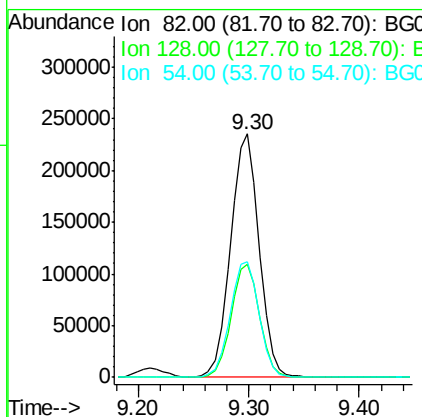
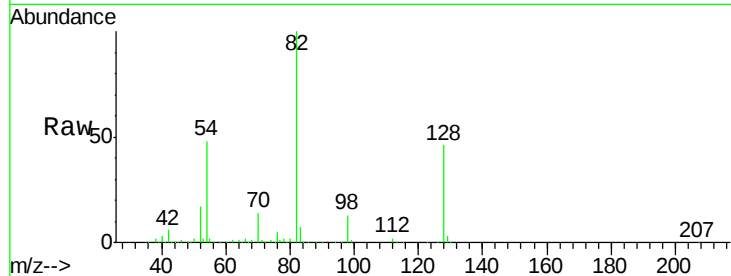
#23
 Nitrobenzene-d5
 Concen: 96.05 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	29.7	44.5	
54	47.5	43.1	64.7	

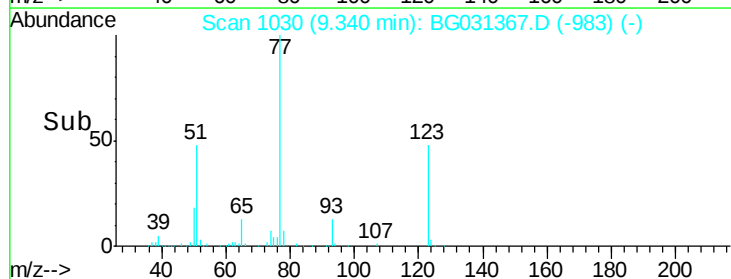
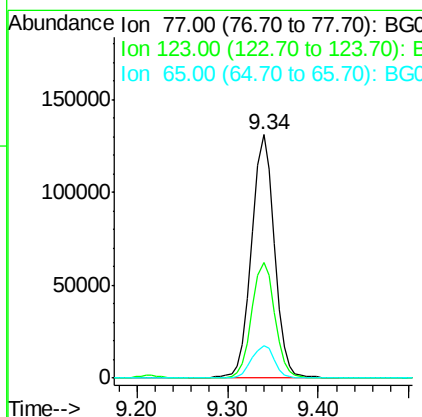
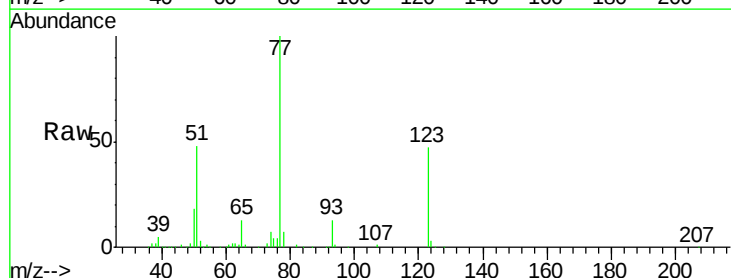
Manual Integrations
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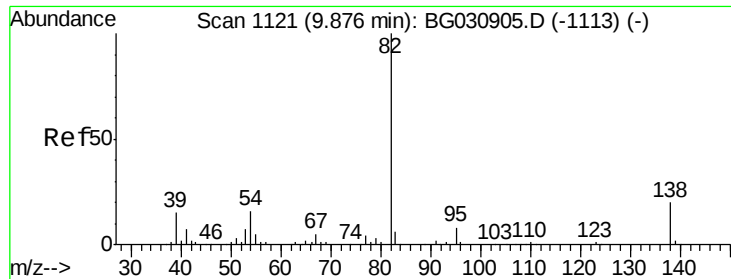
Sohil
 12/5/2017 3:27:26 PM



#24
 Nitrobenzene
 Concen: 51.00 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.4	33.0	49.6	
65	13.1	13.0	19.6	





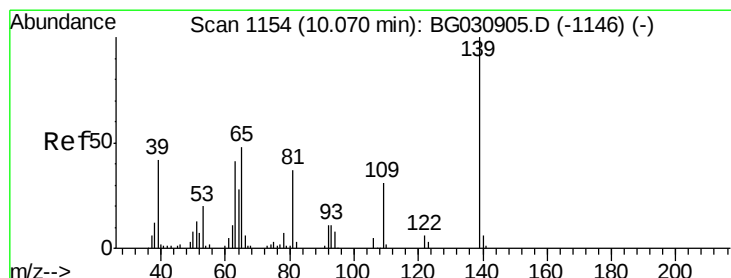
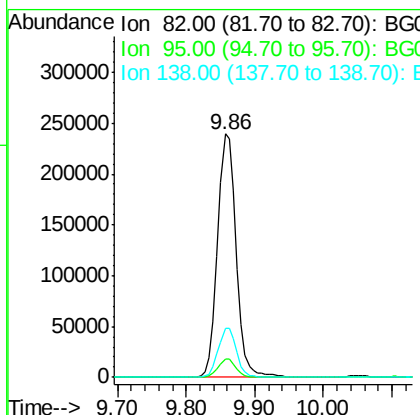
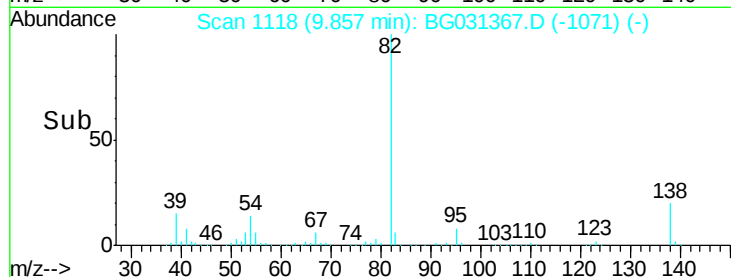
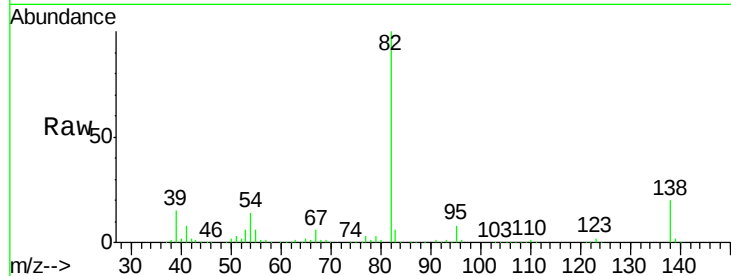
#25
Isophorone
Concen: 52.08 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	82	Resp	448464
Ion Ratio	100	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.2	12.1	18.1

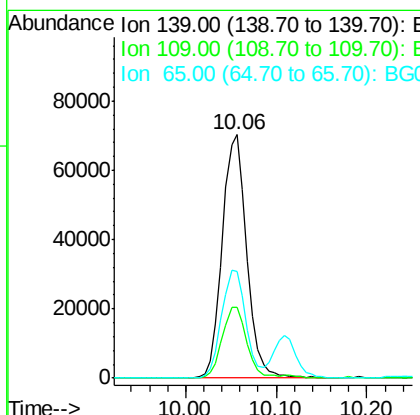
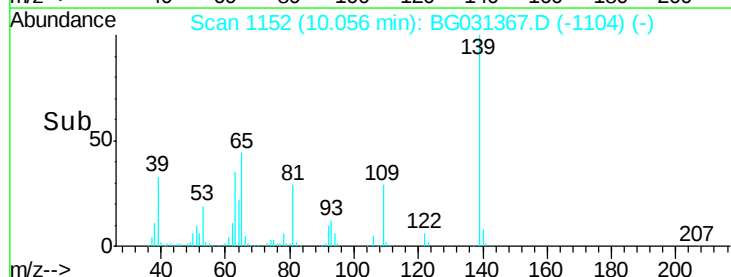
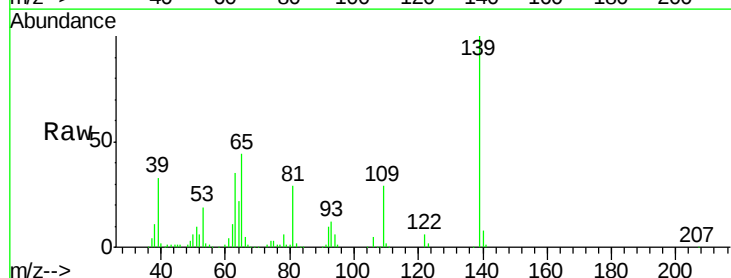
Manual Integrations
APPROVED

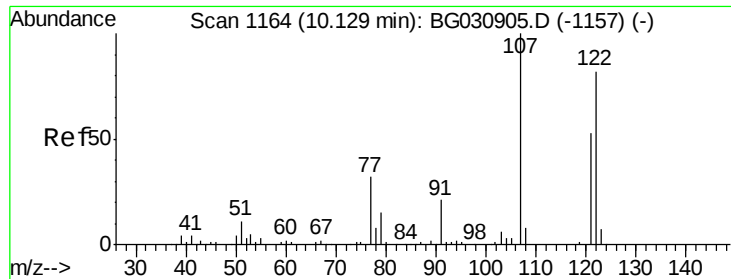
Sohil
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#26
2-Nitrophenol
Concen: 55.91 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	139	Resp	131445
Ion Ratio	100	Lower	Upper
139	100		
109	28.8	24.2	36.2
65	43.8	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 60.71 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

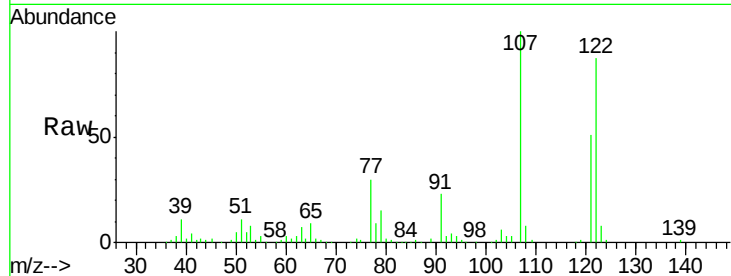
ClientSampleId :

IDOC-SOIL-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		211895		
107	115.0	100.2	150.2		
121	59.0	44.4	66.6		

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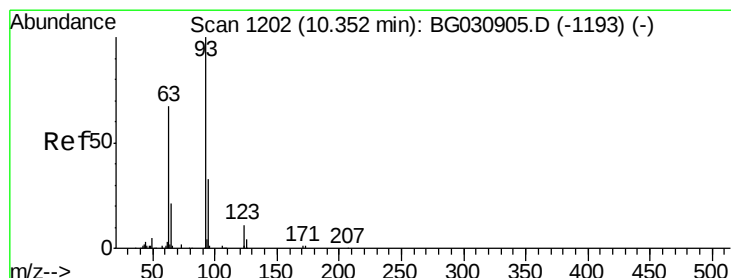
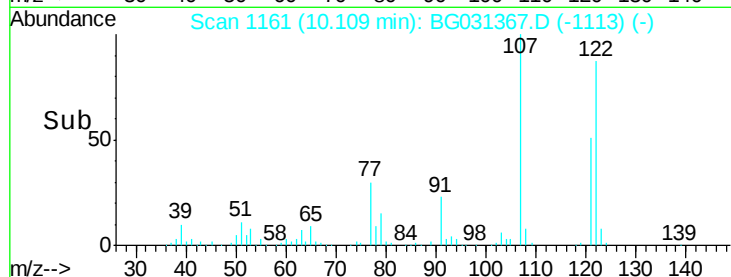
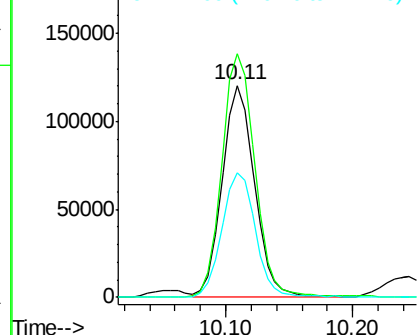
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.53 ng

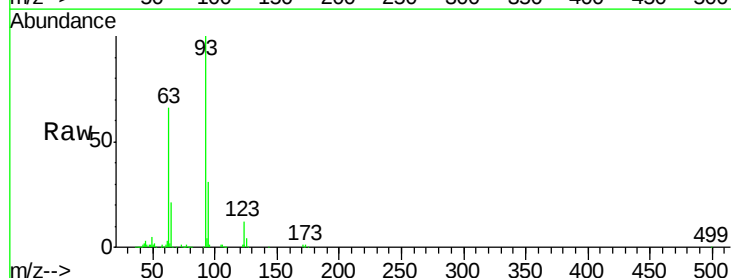
RT: 10.33 min Scan# 1199

Delta R.T. -0.03 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

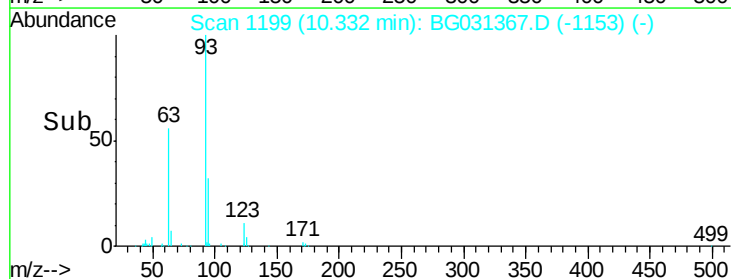
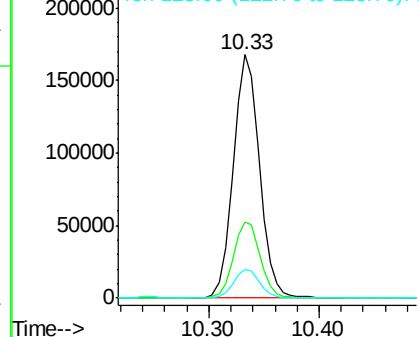
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		279486		
95	31.4	24.3	36.5		
123	11.9	8.4	12.6		

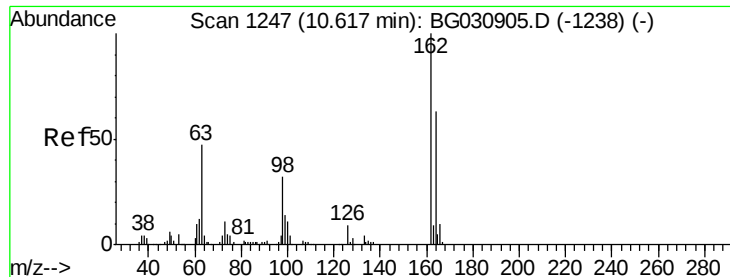


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





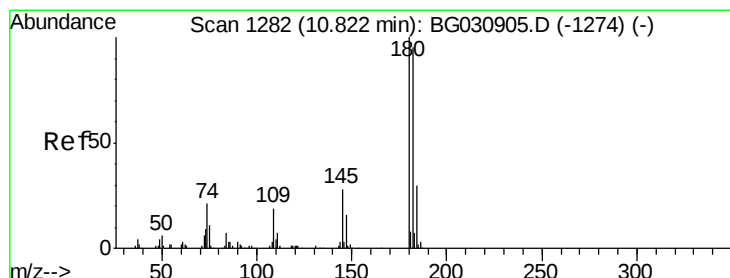
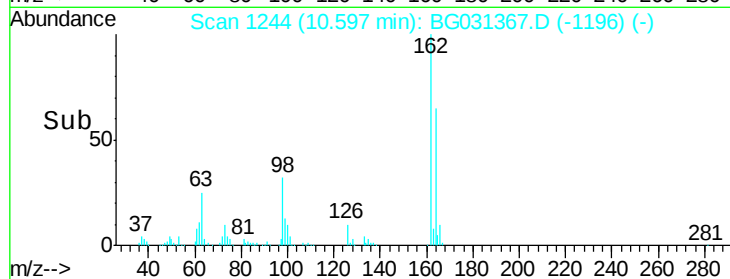
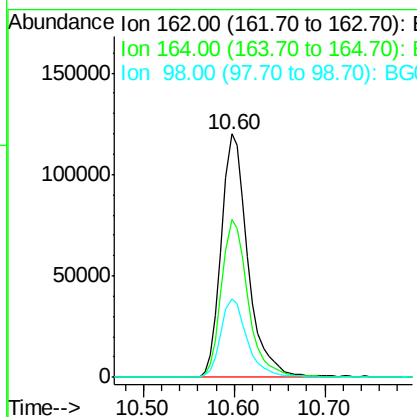
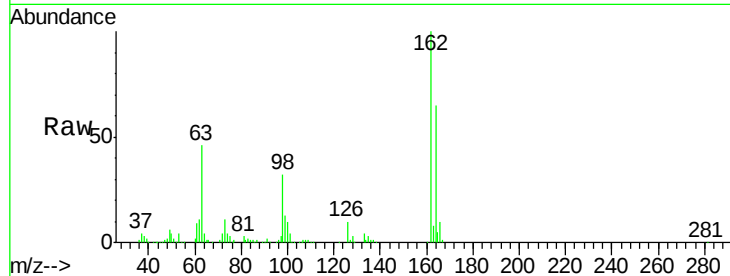
#29
 2,4-Dichlorophenol
 Concen: 58.55 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	48.0	88.0
98	32.1	21.1	61.1

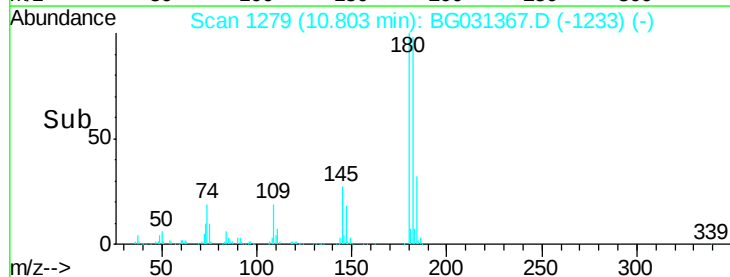
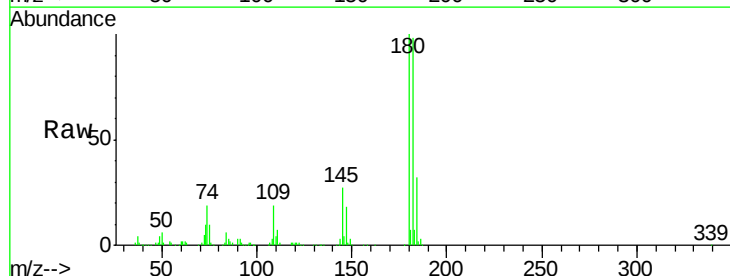
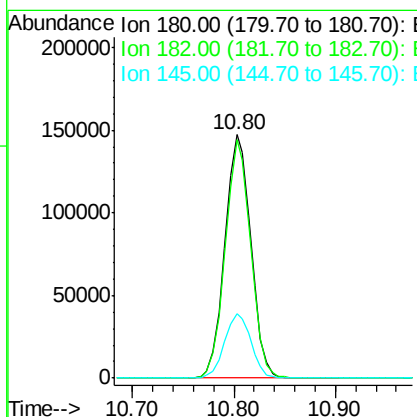
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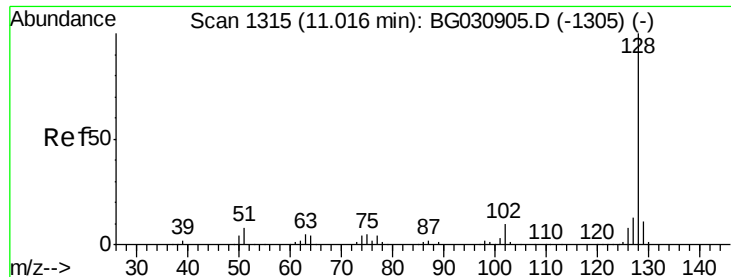
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.15 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.0	77.5	116.3
145	26.5	23.4	35.2





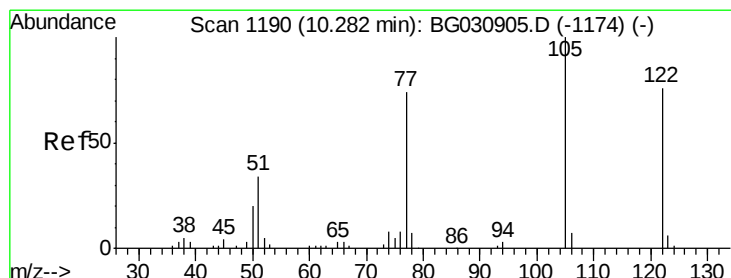
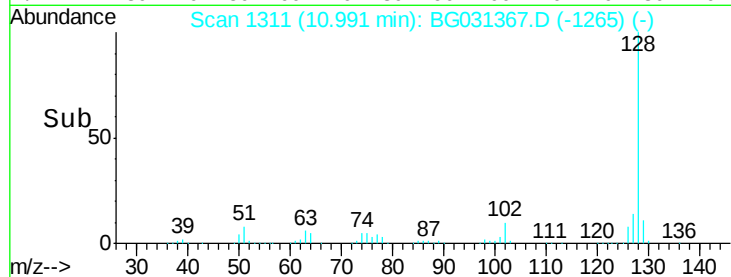
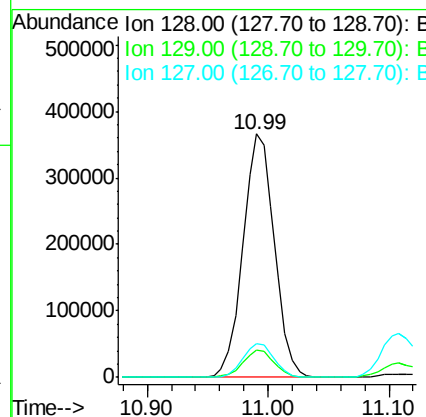
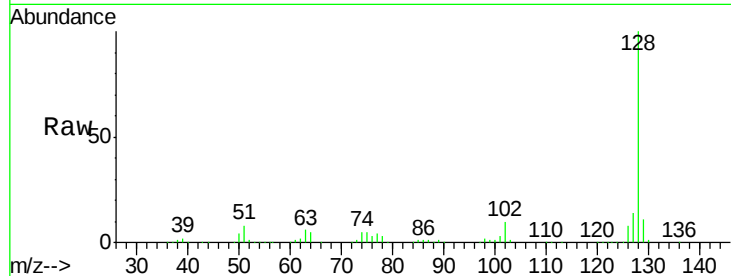
#31
Naphthalene
Concen: 51.39 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-3

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.9	11.6	17.4

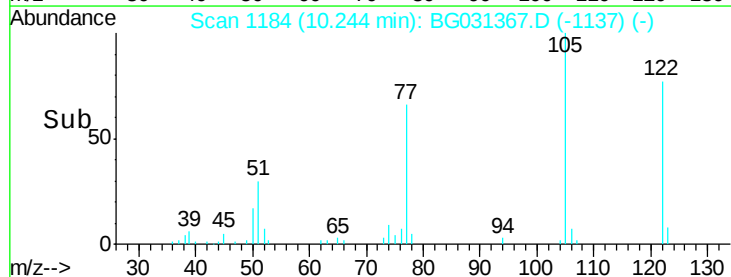
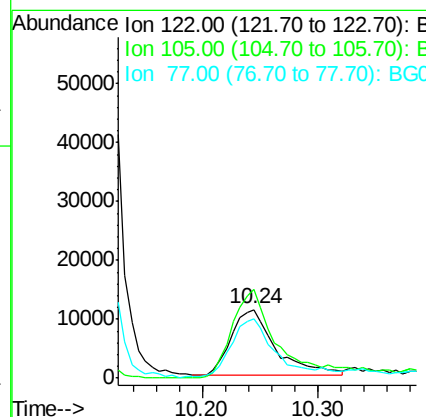
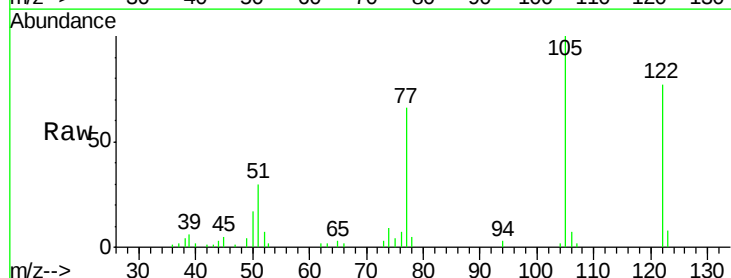
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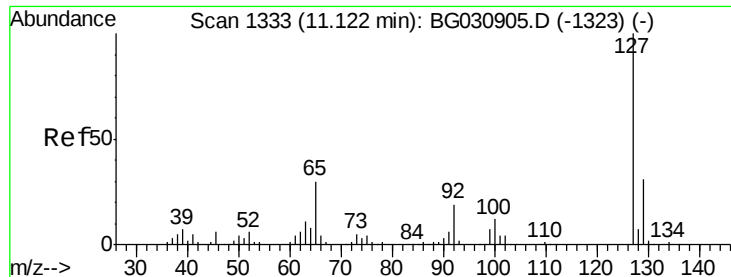
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#32
Benzoic acid
Concen: 14.67 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	129.9	123.5	163.5
77	86.0	85.7	125.7





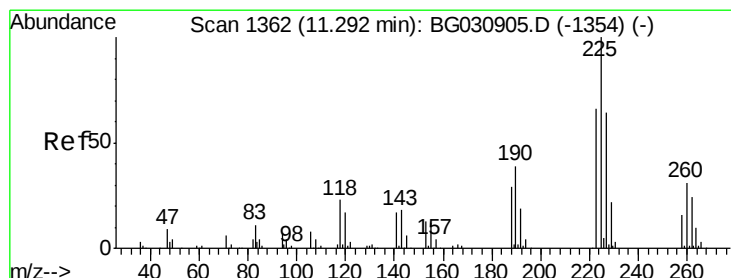
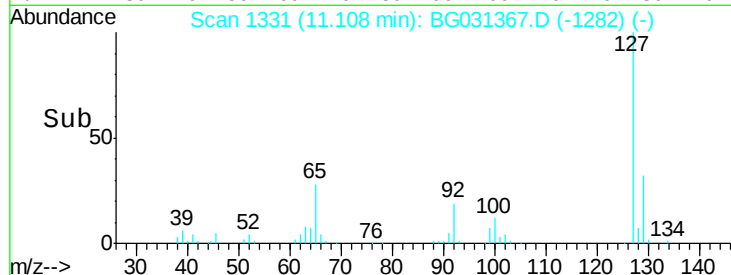
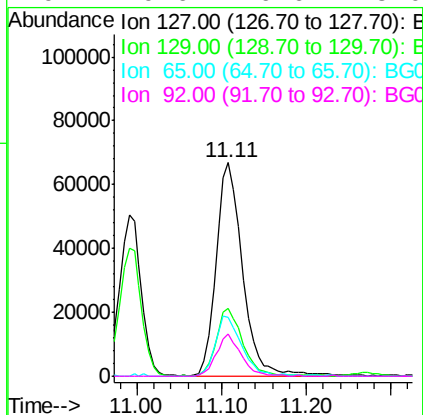
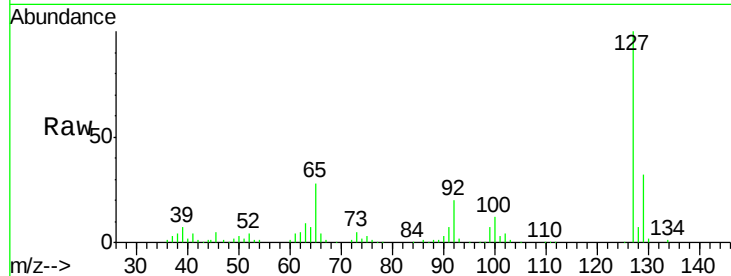
#33
4-Chloroaniline
Concen: 25.96 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	24.0	36.0	
65	27.6	27.0	40.4	
92	19.6	16.6	25.0	

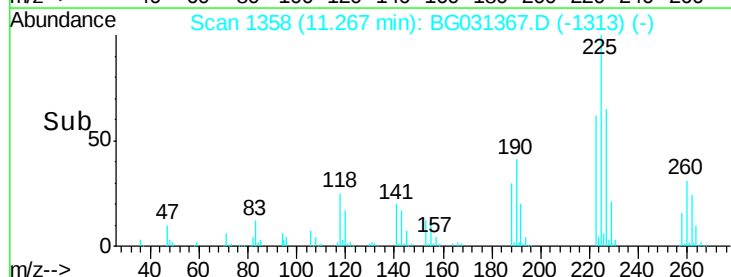
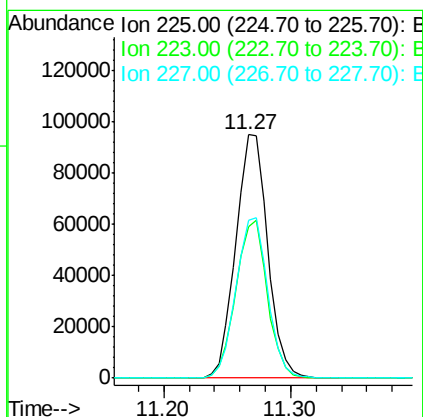
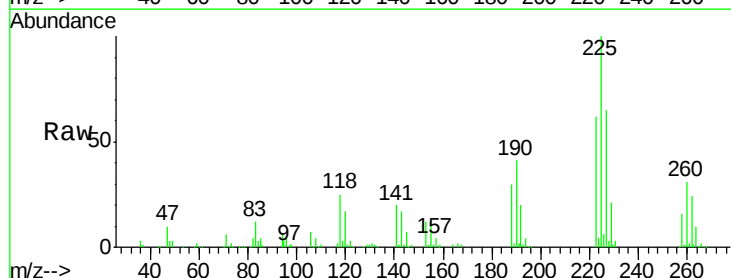
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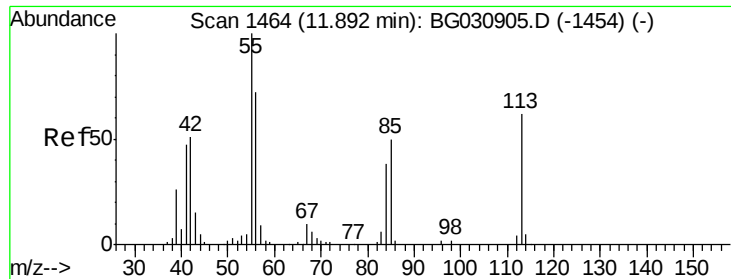
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#34
Hexachlorobutadiene
Concen: 47.85 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

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





#35

Caprolactam

Concen: 40.61 ng/mL

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

ClientSampleId :

IDOC-SOIL-3

Tot Ion: 113 Resp: 69532

Ion Ratio Lower Upper

113 100

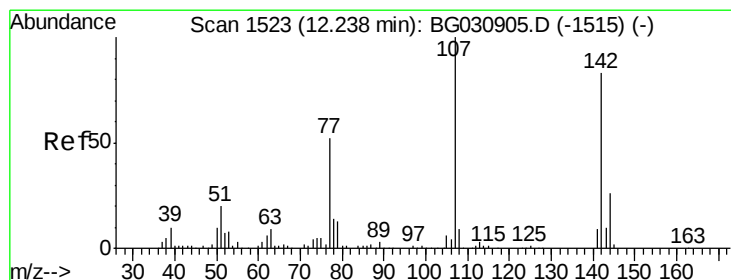
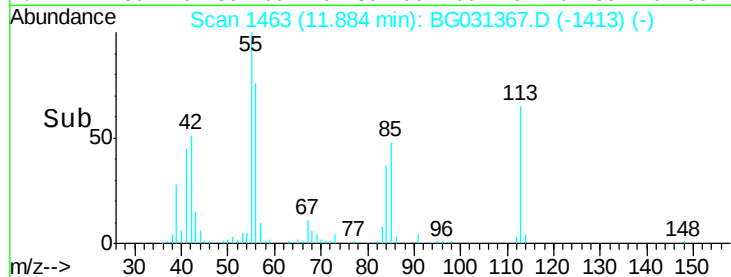
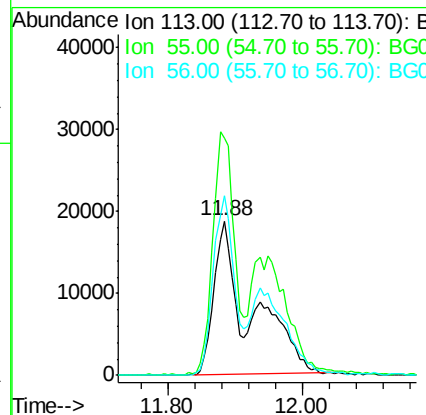
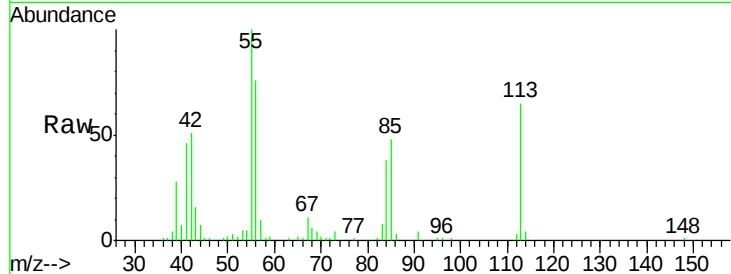
55 153.4 186.9 226.9#

56 116.6 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 54.62 ng/mL

RT: 12.23 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

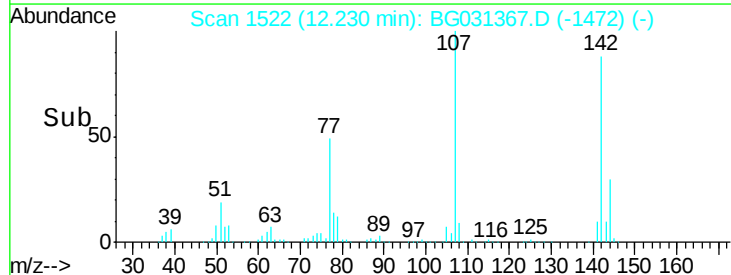
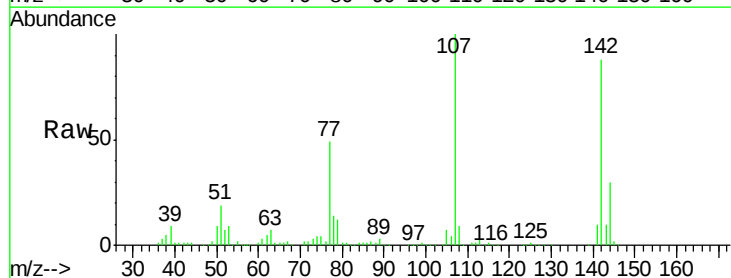
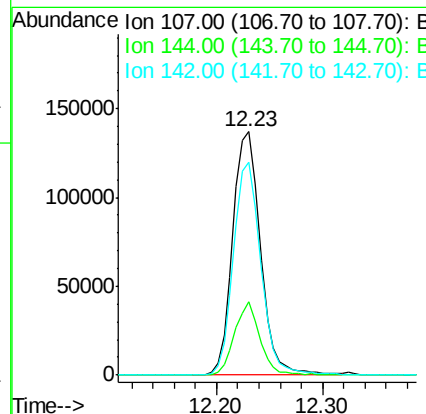
Tgt Ion: 107 Resp: 249163

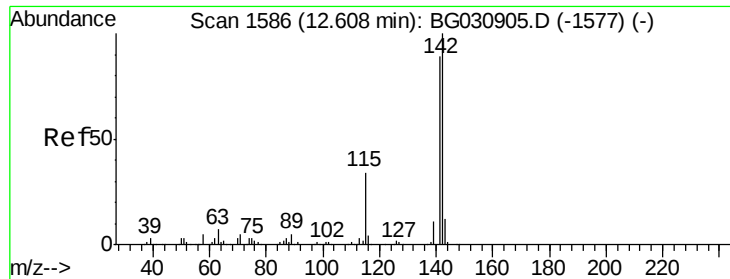
Ion Ratio Lower Upper

107 100

144 30.0 18.2 27.4#

142 87.7 59.0 88.4





#37

2-Methylnaphthalene

Concen: 53.18 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

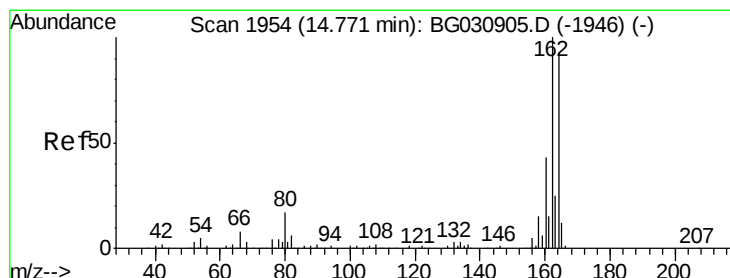
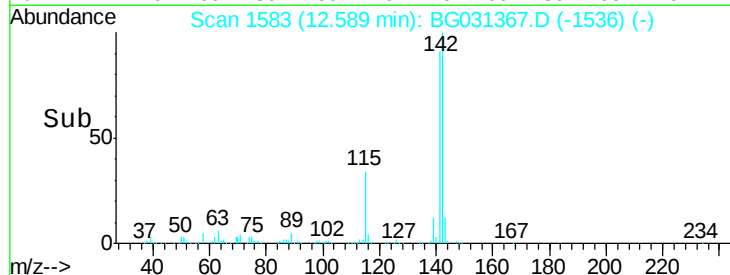
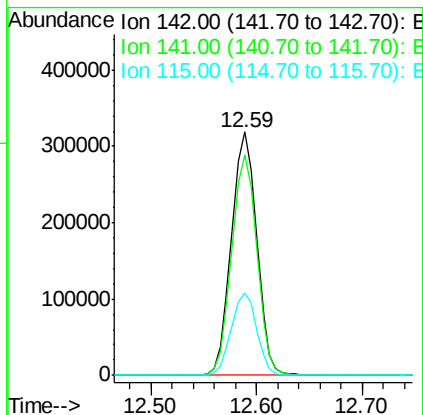
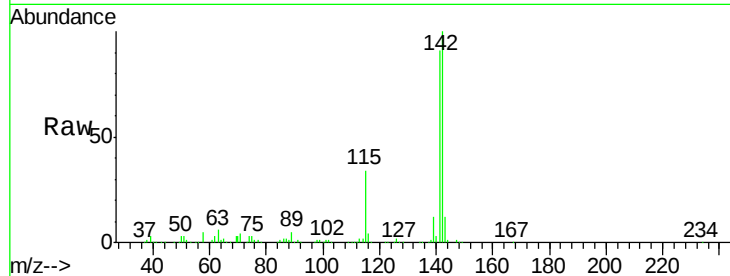
ClientSampleId :

IDOC-SOIL-3

Tot Ion:	142	Resp:	528089
Ion Ratio	Lower	Upper	
142	100		
141	90.8	67.1	100.7
115	34.0	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

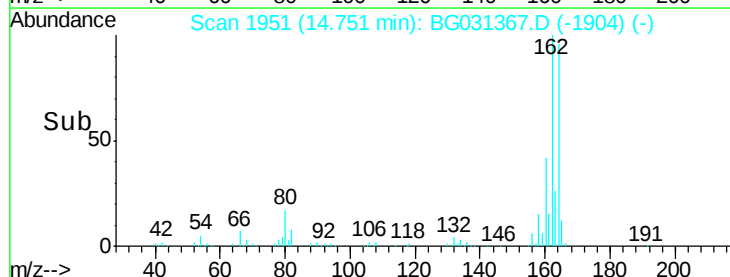
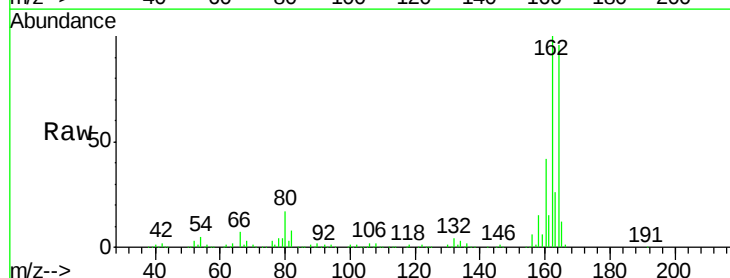
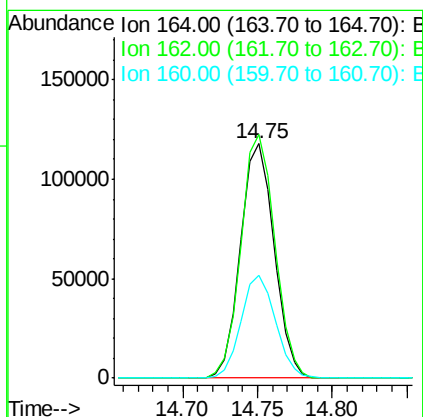
RT: 14.75 min Scan# 1951

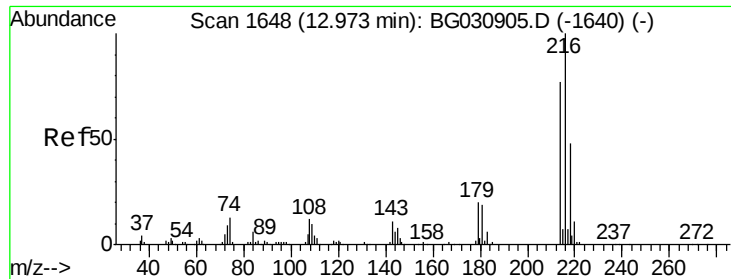
Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	164	Resp:	184461
Ion Ratio	Lower	Upper	
164	100		
162	103.8	78.8	118.2
160	44.0	35.4	53.0





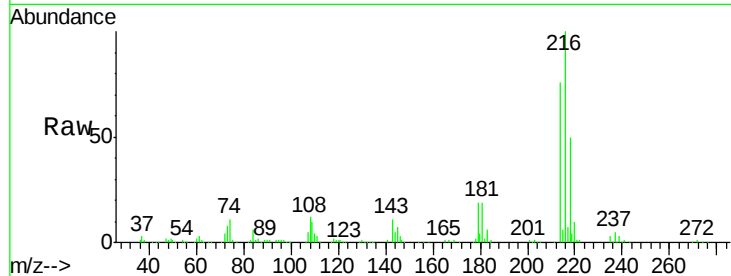
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.61 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	76.2		63.0	94.4	
179	18.7		17.0	25.6	
108	13.7		12.8	19.2	

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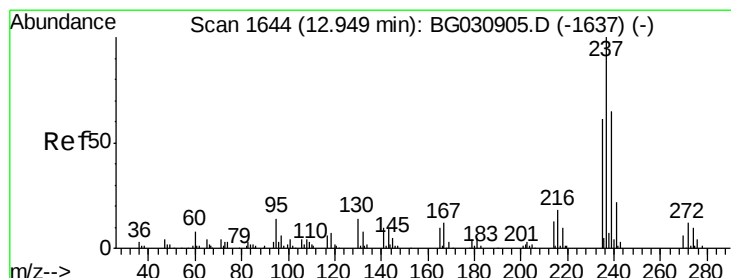
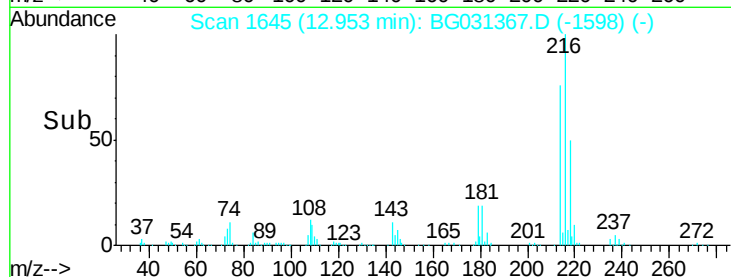
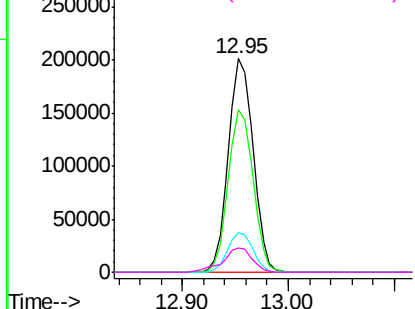
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

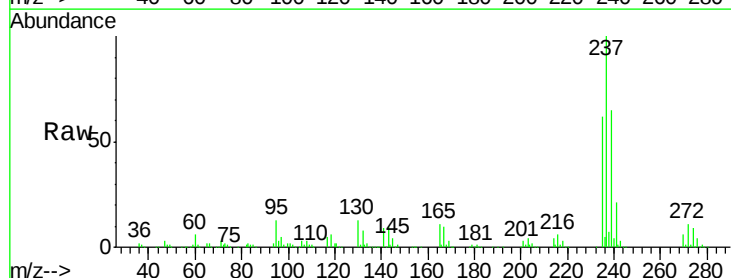
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 102.87 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.7		50.4	90.4	
272	11.3		0.0	31.8	

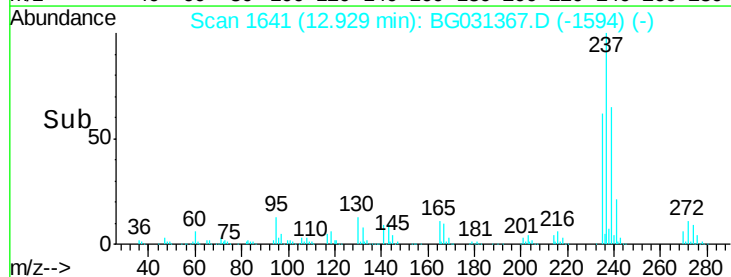
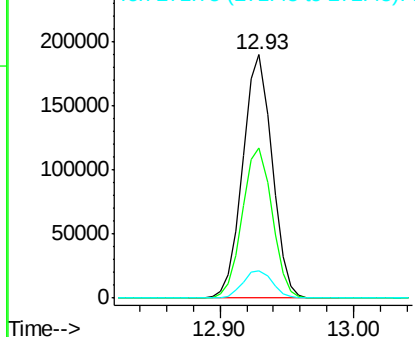


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





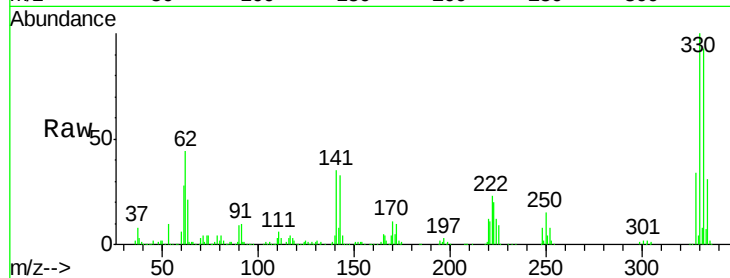
#41
 2,4,6-Tribromophenol
 Concen: 123.49 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

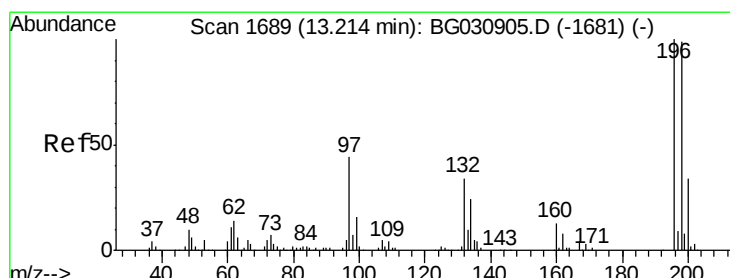
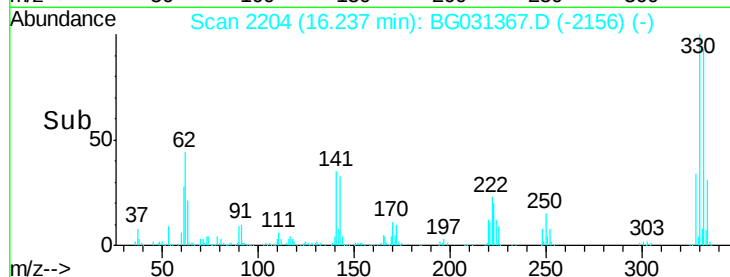
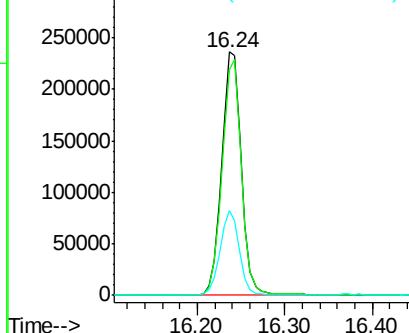
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	34.0	25.2	37.8	

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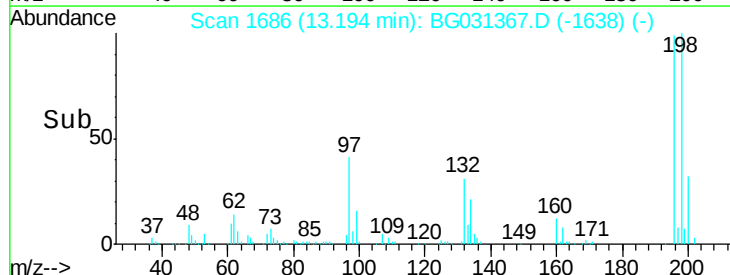
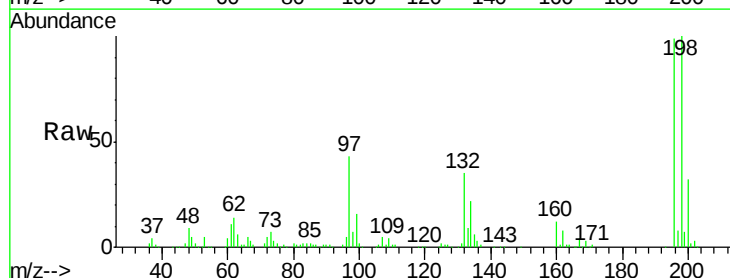
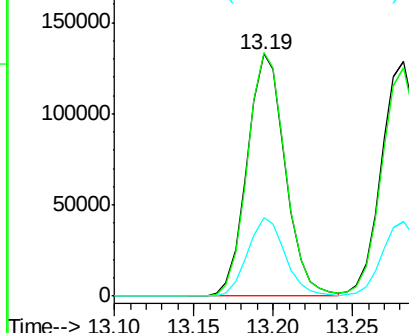
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

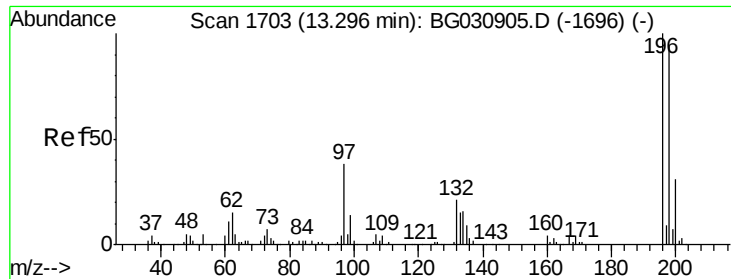


#42
 2,4,6-Trichlorophenol
 Concen: 52.96 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.7	78.2	117.2	
200	32.3	24.6	36.8	

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





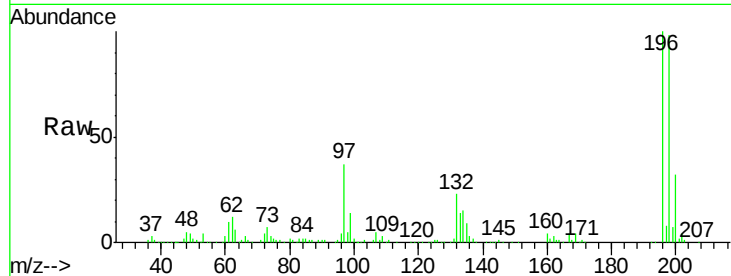
#43
 2,4,5-Trichlorophenol
 Concen: 53.32 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.2	114.4
97	36.7	38.7	58.1
132	22.7	20.2	30.2

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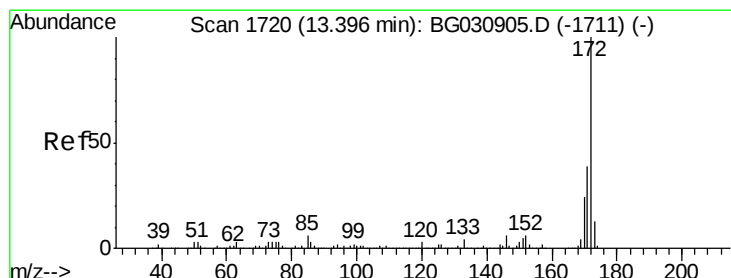
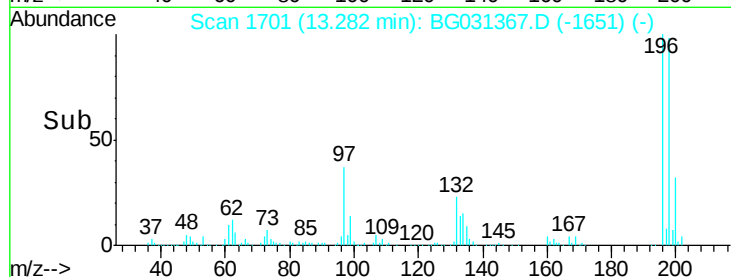
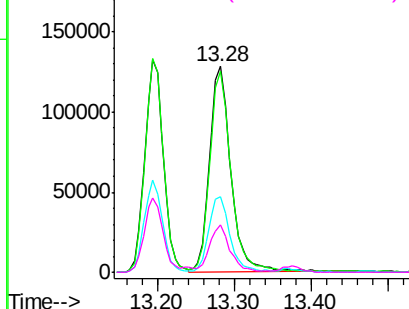
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.46 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

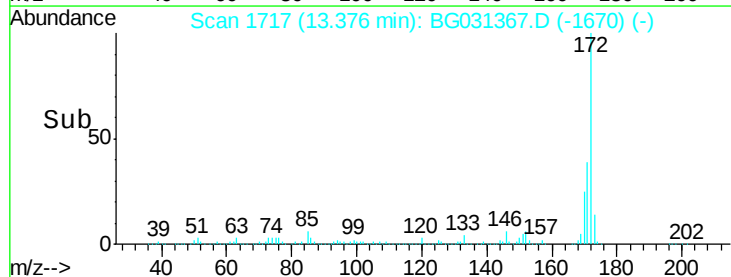
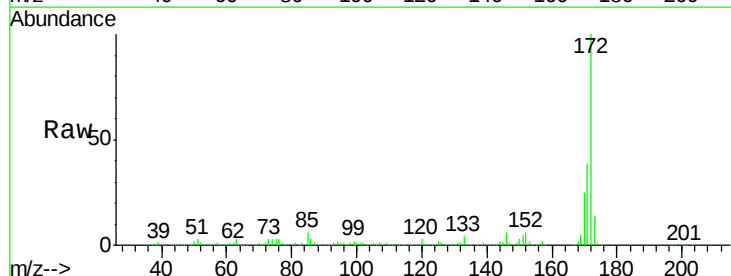
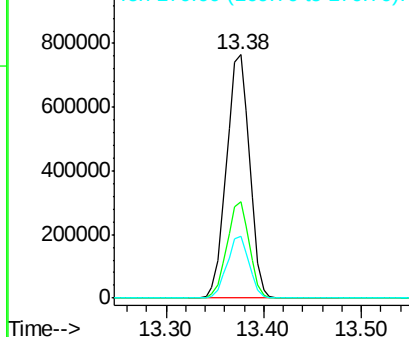
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.5	19.5	29.3

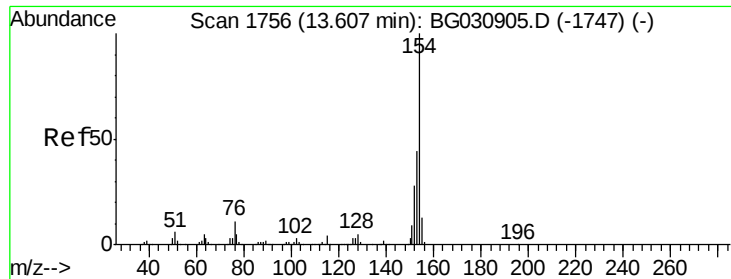
Abundance

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





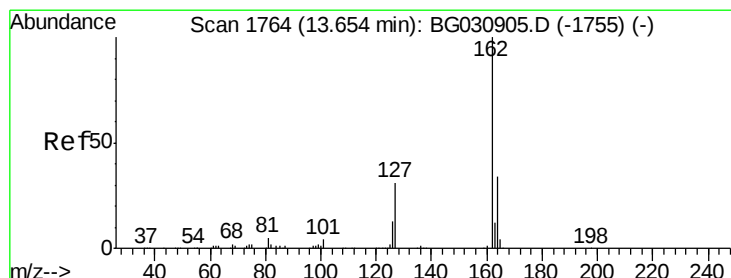
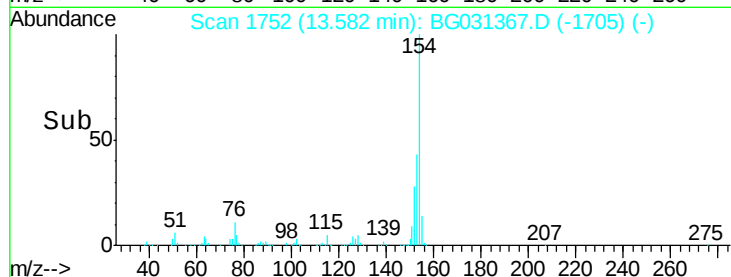
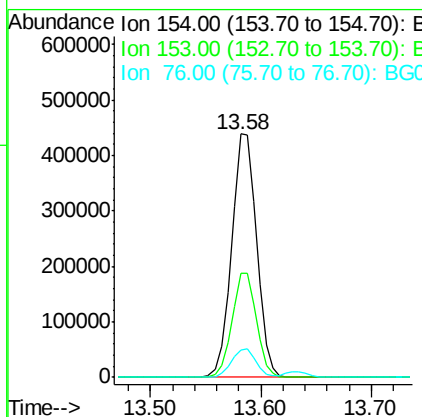
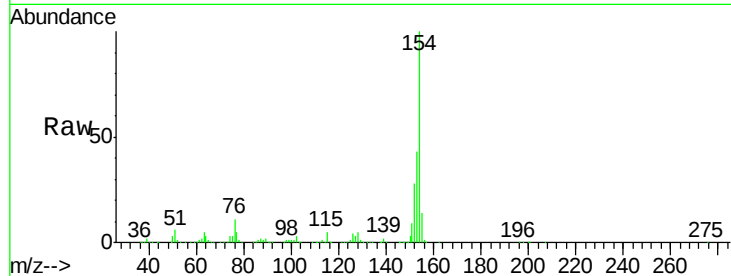
#45
 1,1'-Biphenyl
 Concen: 45.58 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampled :
 IDOC-SOIL-3

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	42.9	19.8	59.8
76	11.3	0.0	31.9

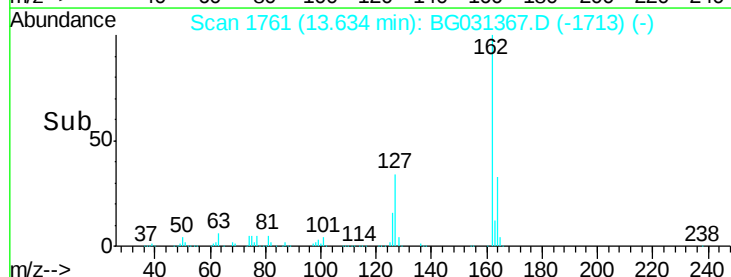
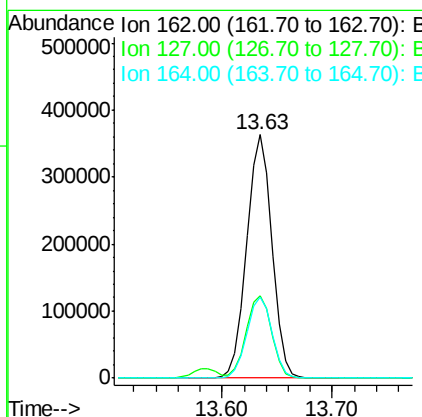
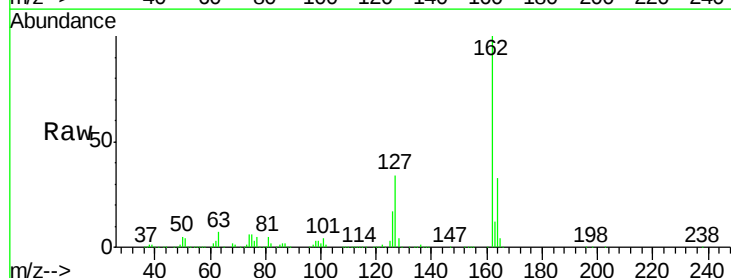
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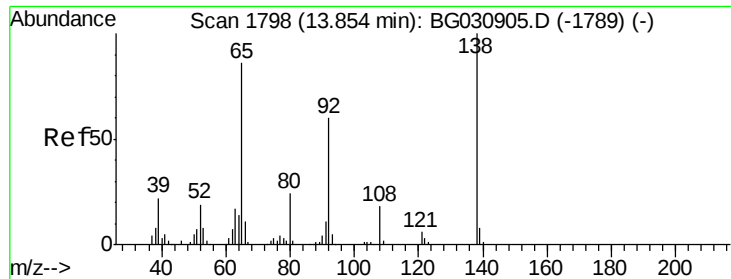
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#46
 2-Chloronaphthalene
 Concen: 52.69 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	34.0	30.7	46.1
164	33.3	26.0	39.0





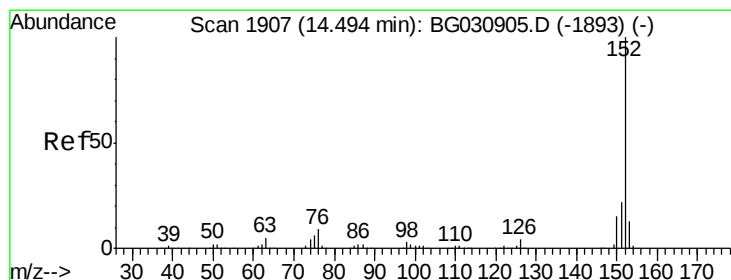
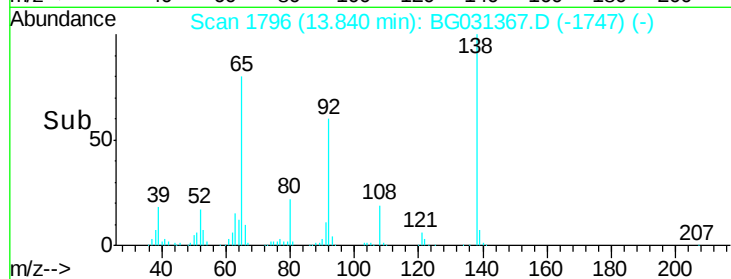
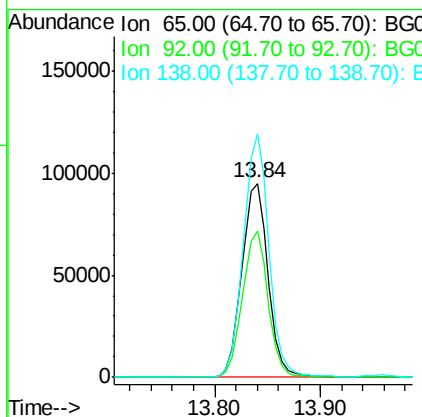
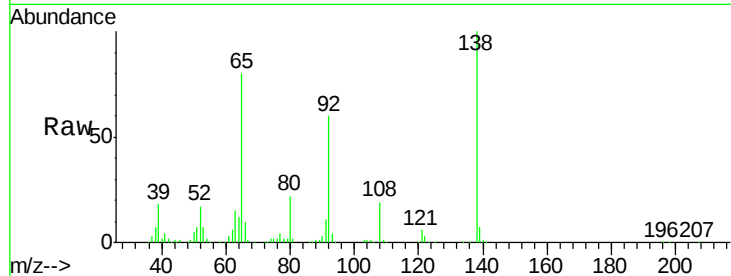
#47
2-Nitroaniline
Concen: 49.86 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.1	54.6	82.0
138	125.5	72.9	109.3

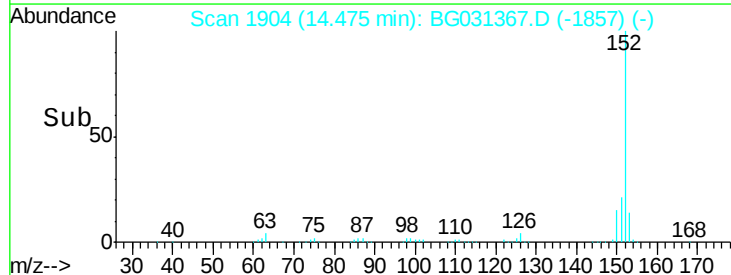
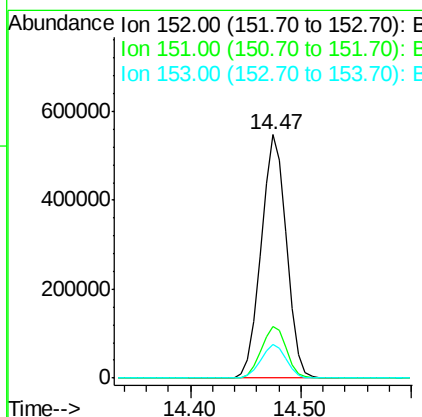
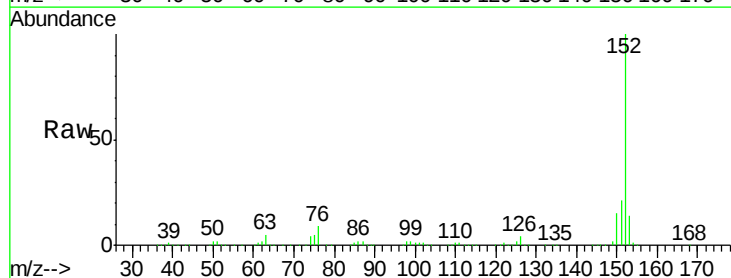
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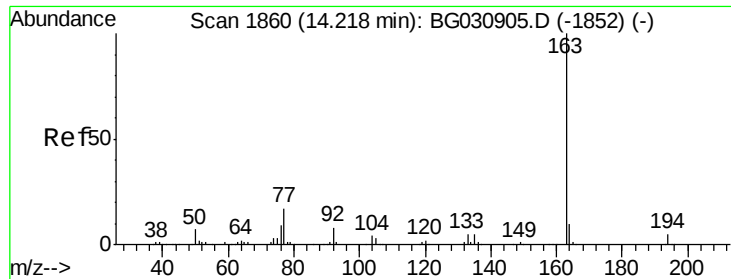
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#48
Acenaphthylene
Concen: 48.60 ng
RT: 14.47 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.9	10.2	15.4





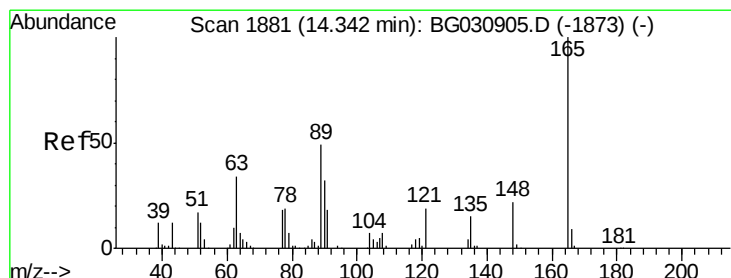
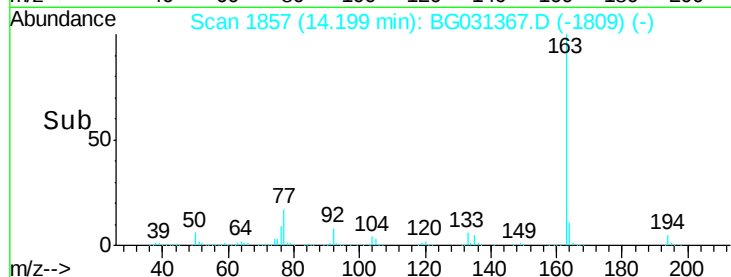
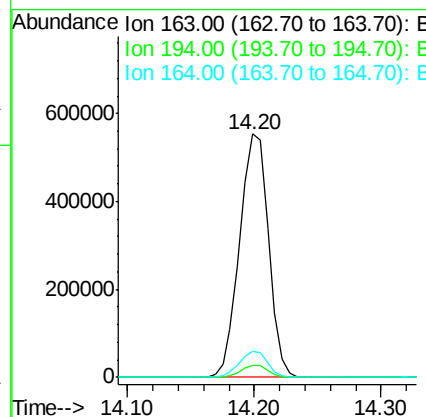
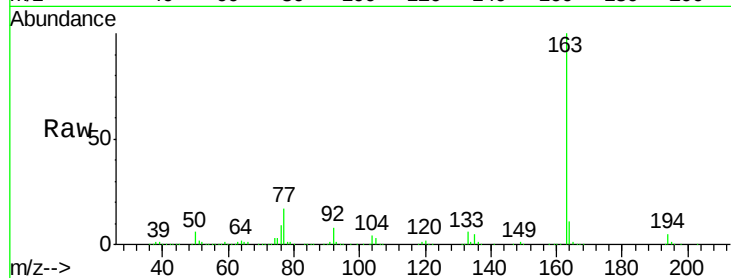
#49
Dimethylphthalate
Concen: 54.74 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100	873127		
194	5.1		3.4	5.2
164	10.7		8.2	12.4

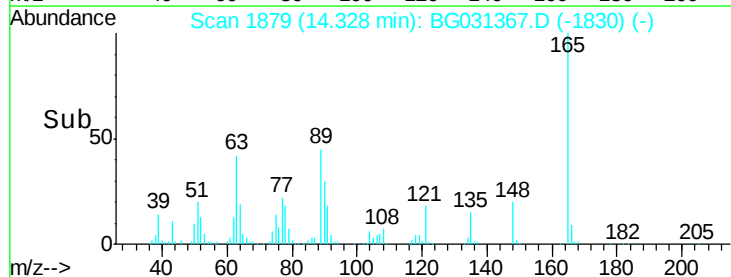
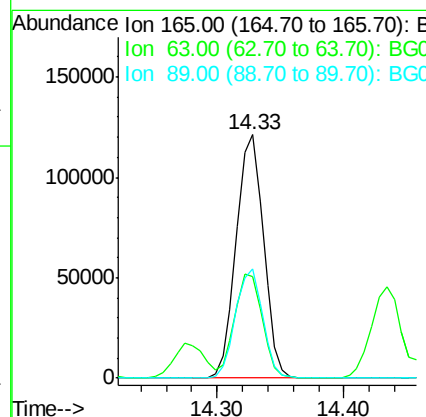
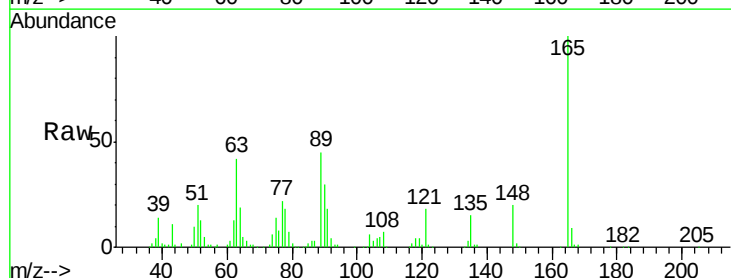
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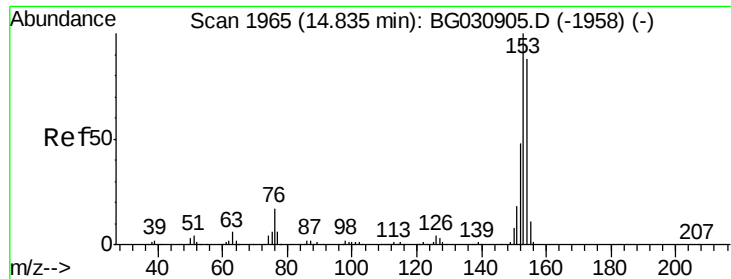
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#50
2,6-Dinitrotoluene
Concen: 55.11 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	181155		
63	41.7		52.7	79.1#
89	45.1		49.2	73.8#





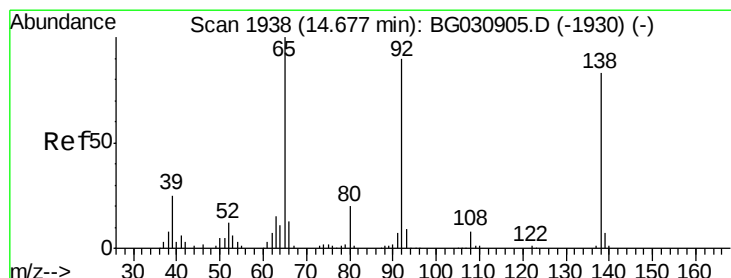
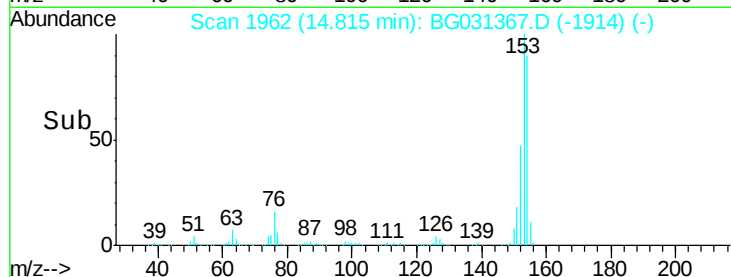
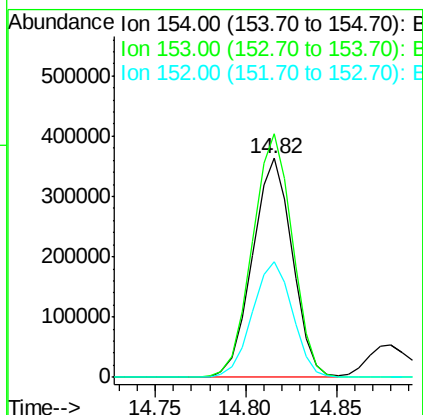
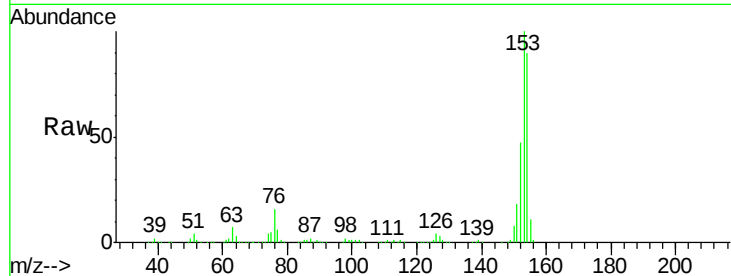
#51
Acenaphthene
Concen: 49.19 ng
RT: 14.82 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.4	135.6
152	52.7	41.6	62.4

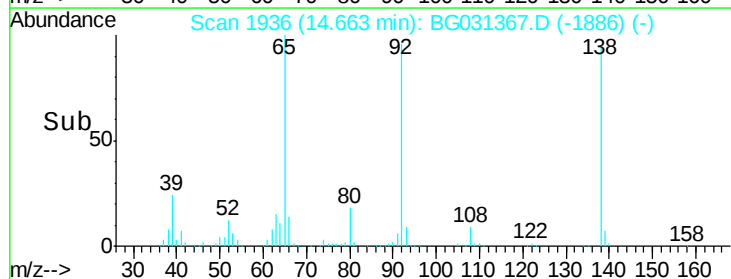
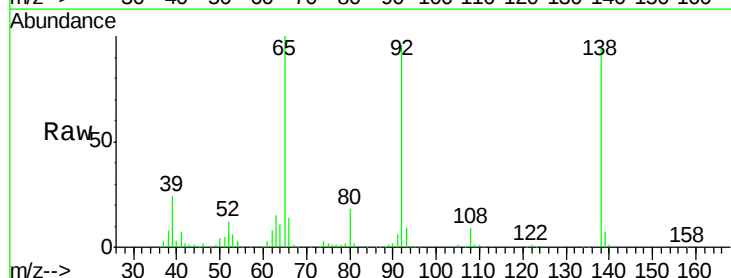
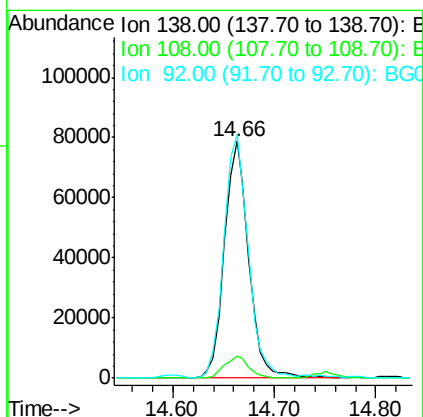
Manual Integrations
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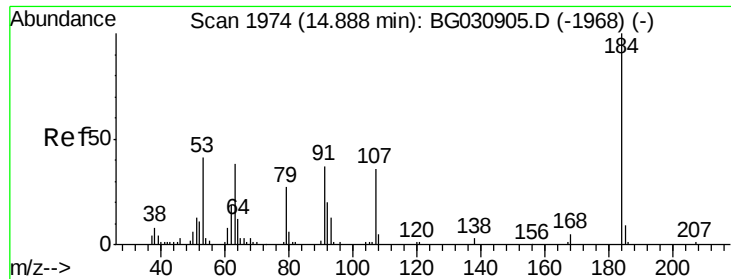
Sohil
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#52
3-Nitroaniline
Concen: 37.52 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	17.5	26.3#
92	102.7	105.8	158.8#





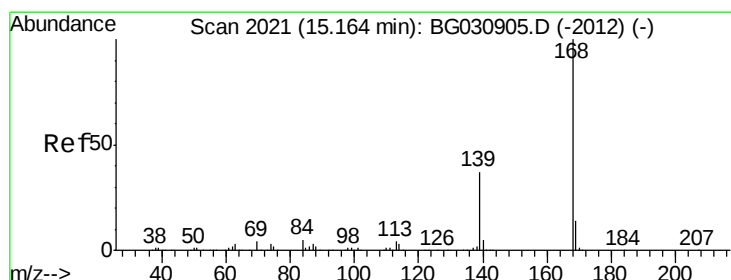
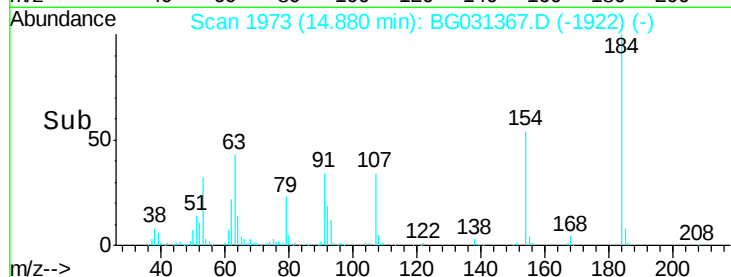
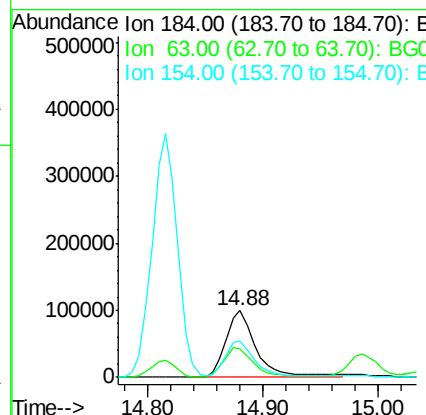
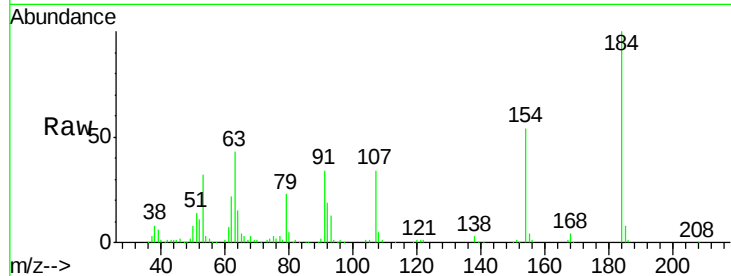
#53
2,4-Dinitrophenol
Concen: 99.52 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.3	59.8	89.8#
154	54.2	101.8	152.8#

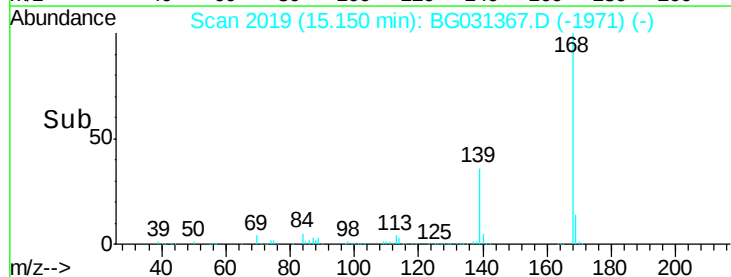
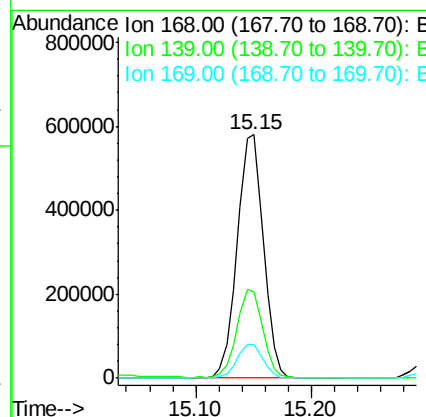
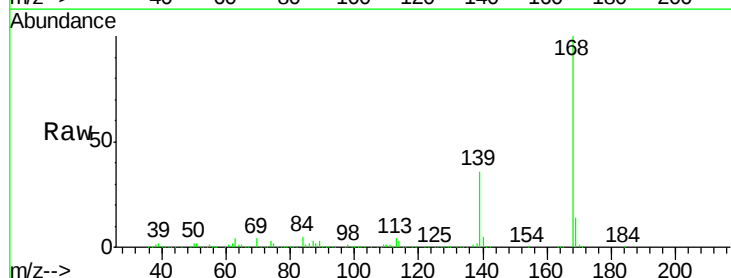
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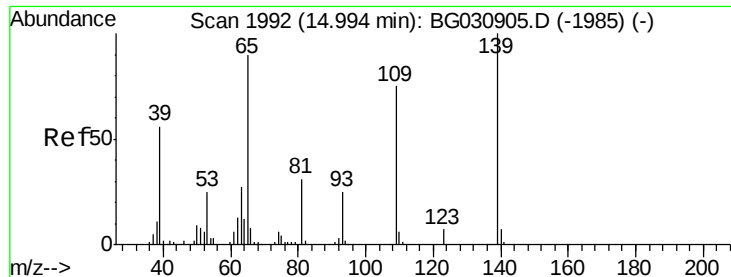
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#54
Dibenzofuran
Concen: 50.74 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	14.0	11.2	16.8





#55

4-Nitrophenol

Concen: 101.00 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

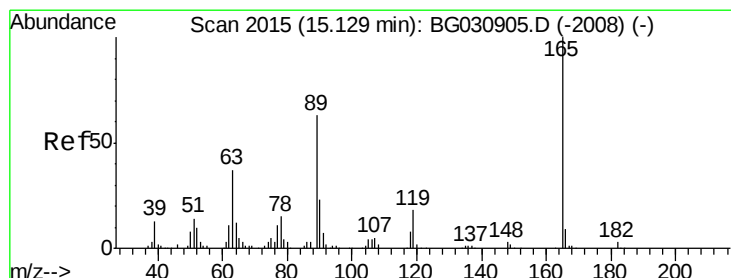
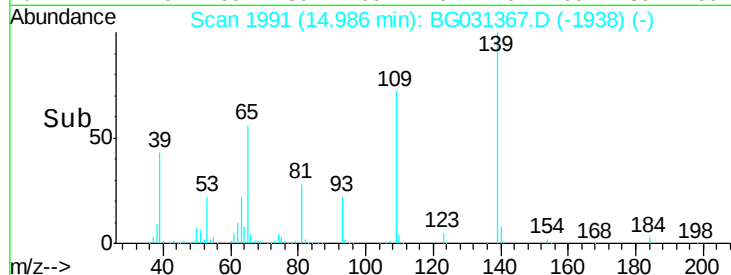
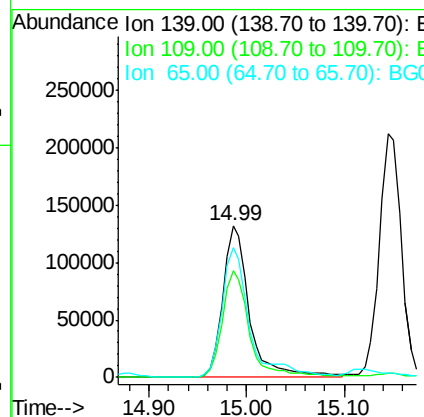
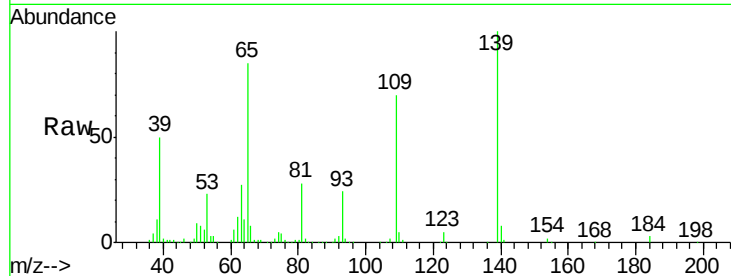
ClientSampled :

IDOC-SOIL-3

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.4	62.2	102.2	
65	85.3	97.2	137.2	

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#56

2,4-Dinitrotoluene

Concen: 54.74 ng

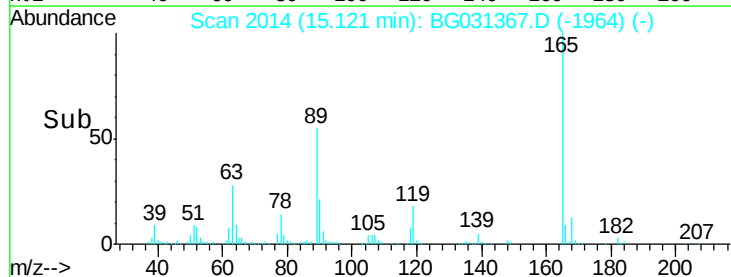
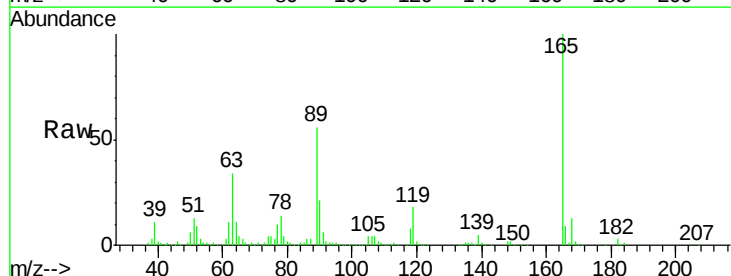
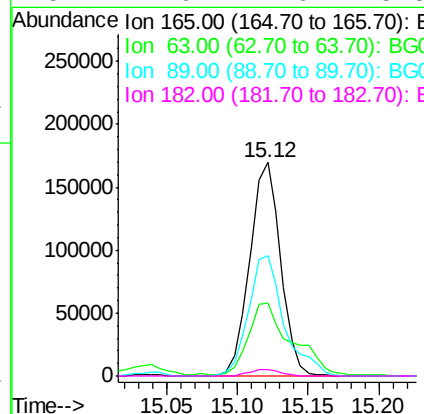
RT: 15.12 min Scan# 2014

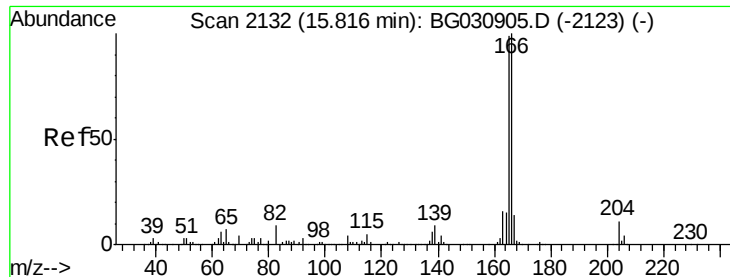
Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.9	42.0	63.0	
89	56.1	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 49.70 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

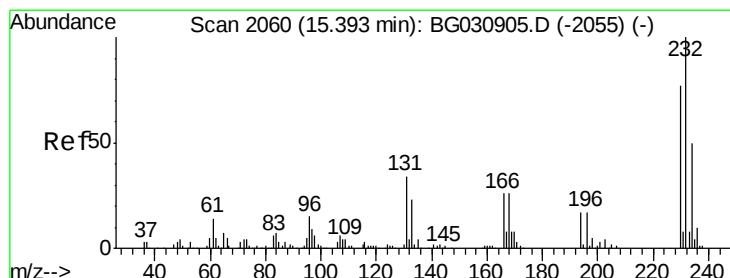
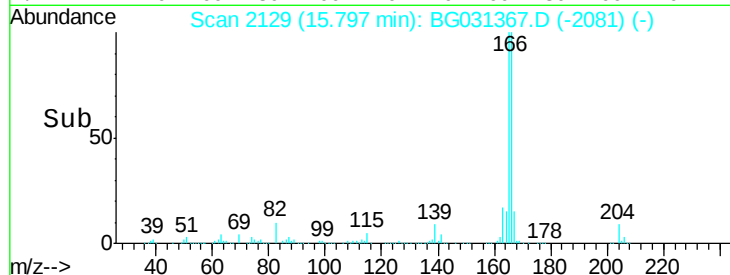
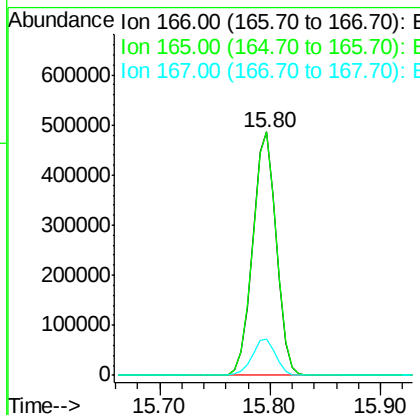
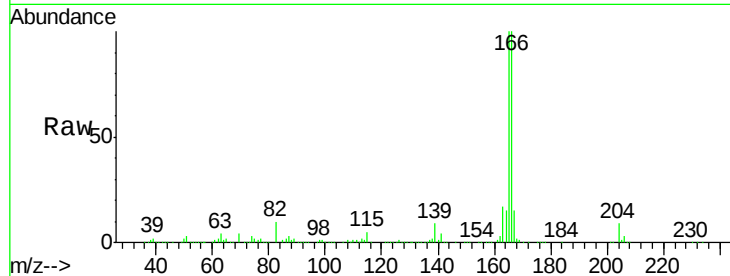
ClientSampleId :

IDOC-SOIL-3

Tot Ion:	166	Resp:	725023
Ion Ratio	Lower	Upper	
166	100		
165	99.8	80.6	121.0
167	14.7	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.94 ng

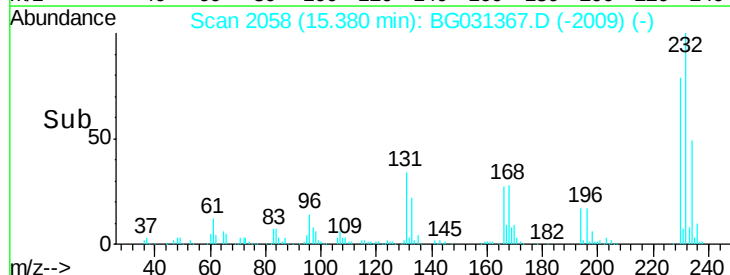
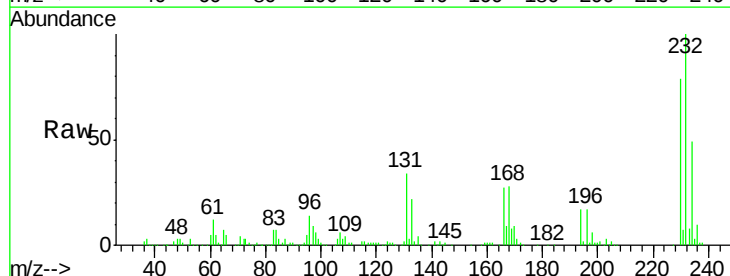
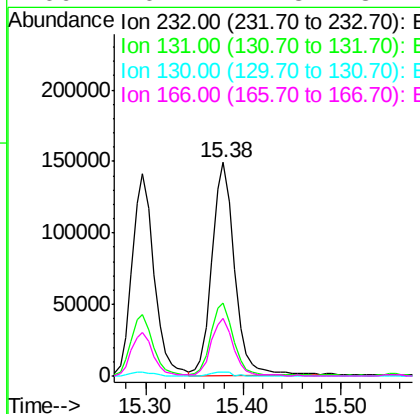
RT: 15.38 min Scan# 2058

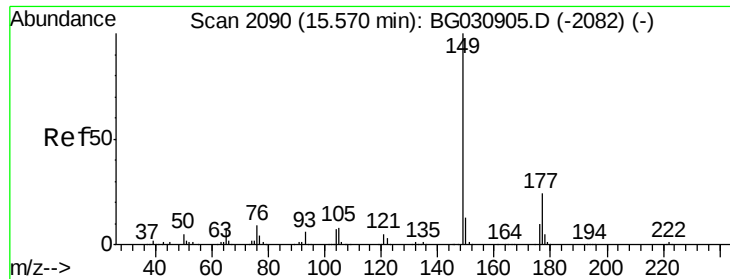
Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	232	Resp:	239778
Ion Ratio	Lower	Upper	
232	100		
131	33.4	33.5	50.3#
130	1.9	2.2	3.2#
166	26.4	24.8	37.2





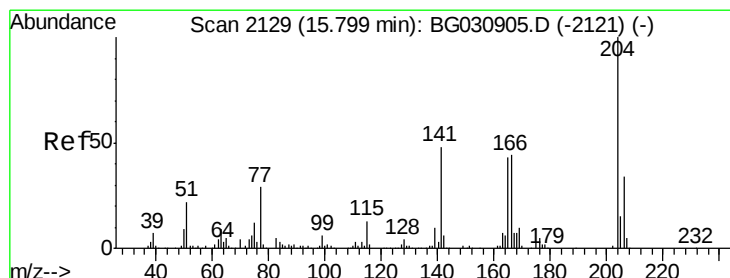
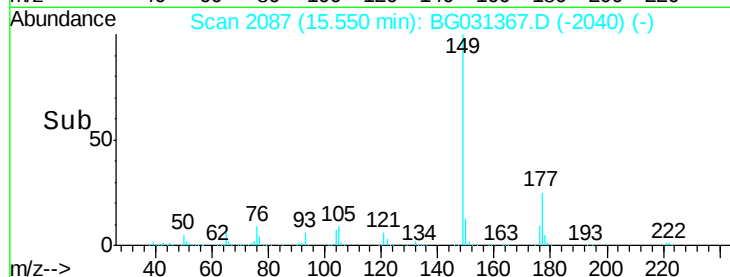
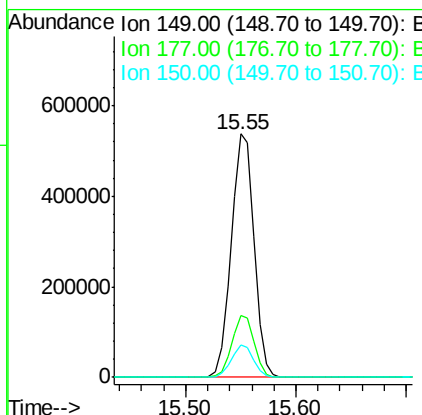
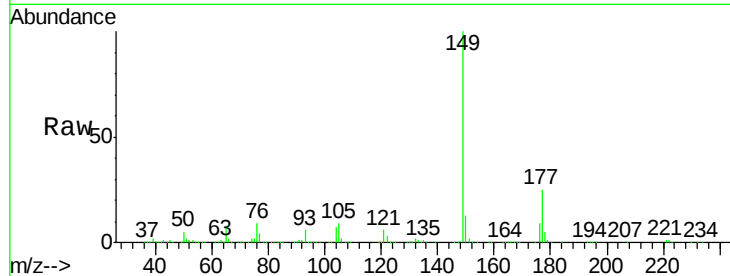
#59
Diethylphthalate
Concen: 48.06 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.4	18.5	27.7
150	13.5	10.2	15.2

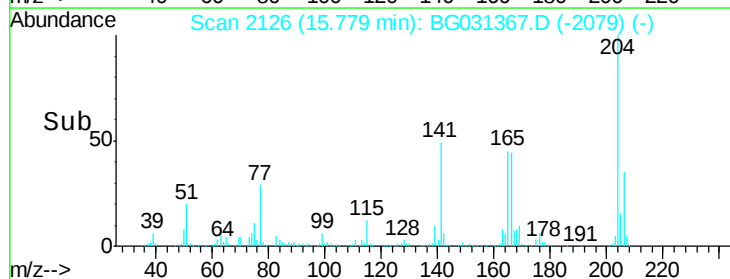
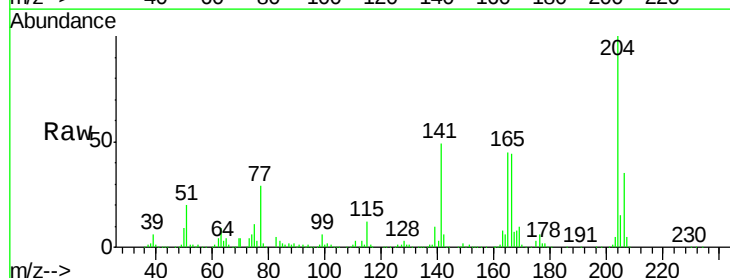
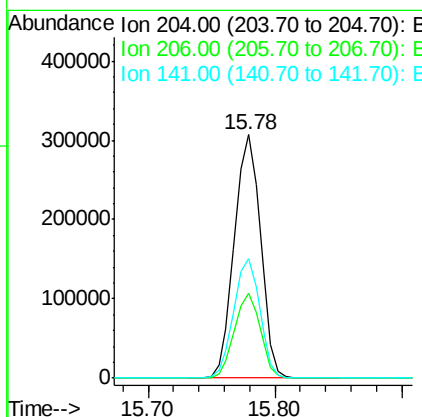
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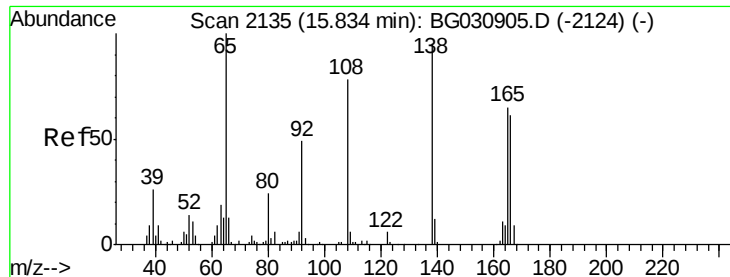
Sohil
12/5/2017 3:27:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.85 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	26.2	39.2
141	48.9	45.8	68.6





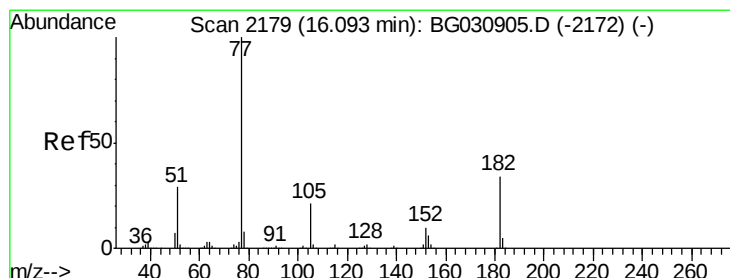
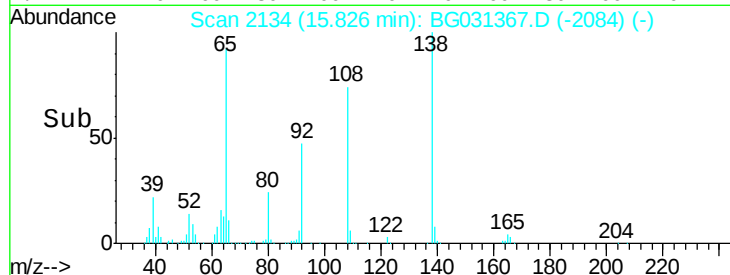
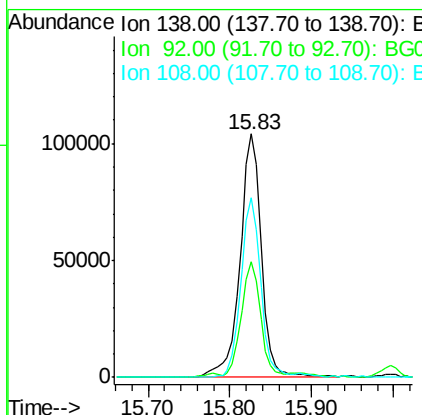
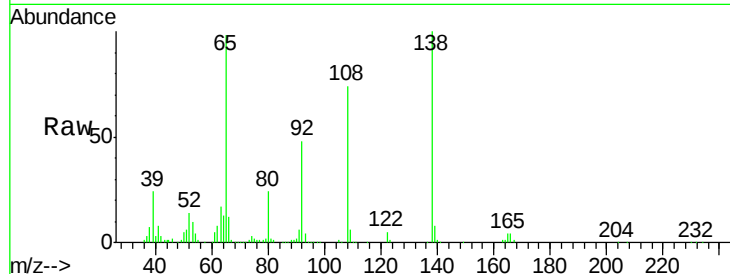
#61
4-Nitroaniline
Concen: 51.23 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampled :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	40.1	80.1
108	74.0	65.4	105.4

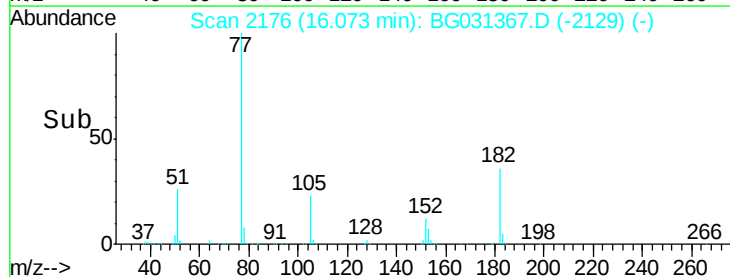
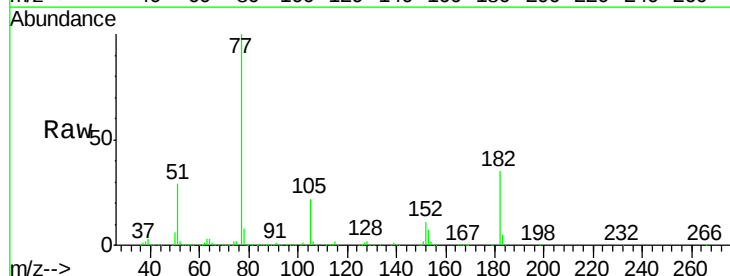
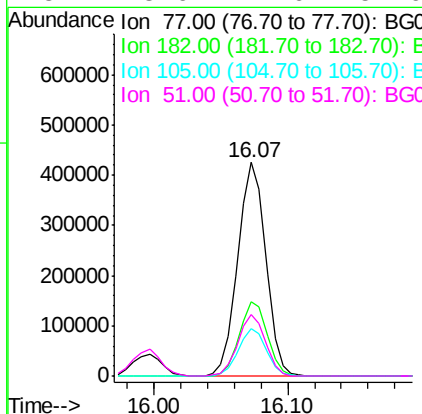
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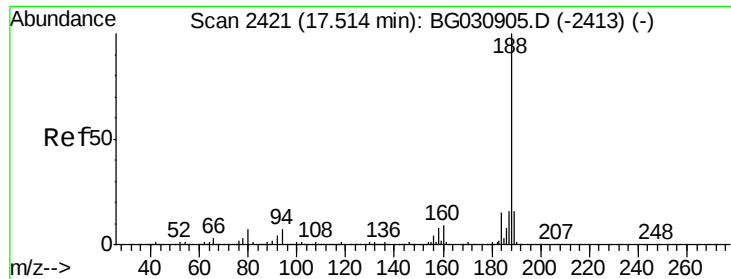
Sohil
12/5/2017 3:27:26 PM



#62
Azobenzene
Concen: 49.94 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.0	7.4	47.4
105	22.1	0.3	40.3
51	28.6	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: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

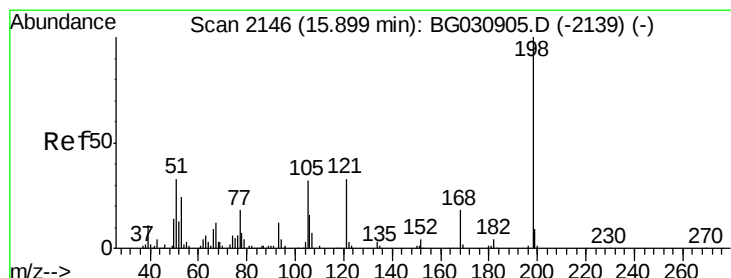
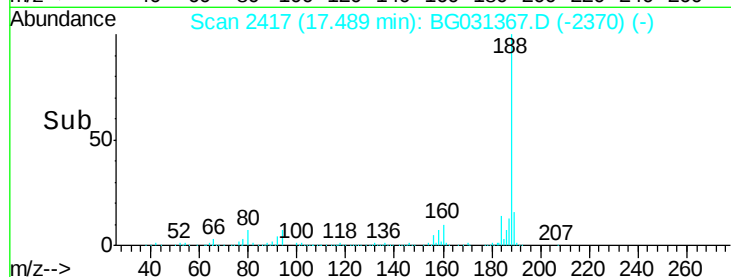
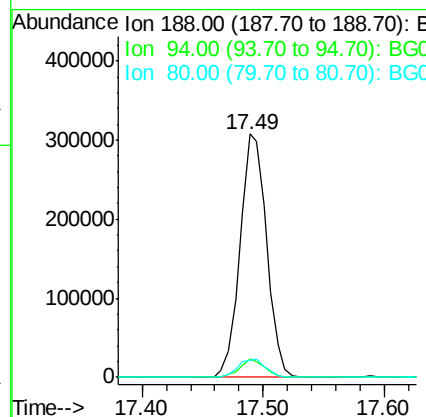
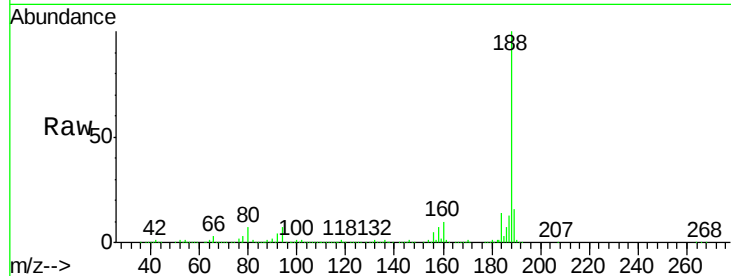
ClientSampleId :

IDOC-SOIL-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	6.9	10.3
80	7.3	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.74 ng

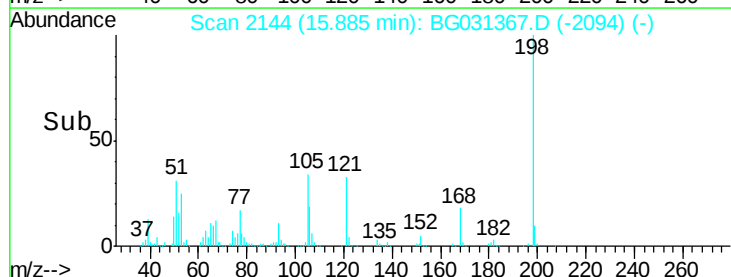
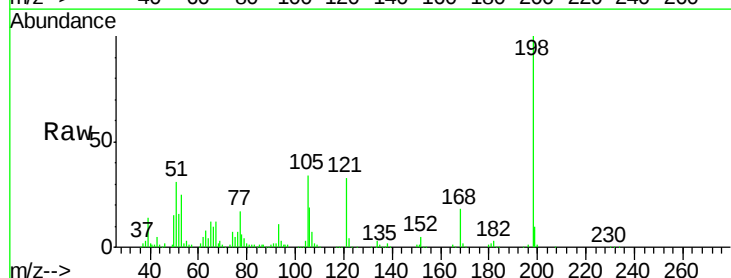
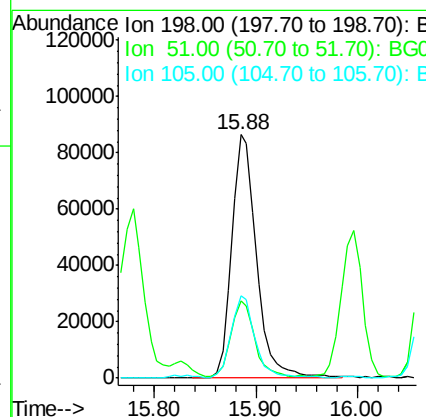
RT: 15.88 min Scan# 2144

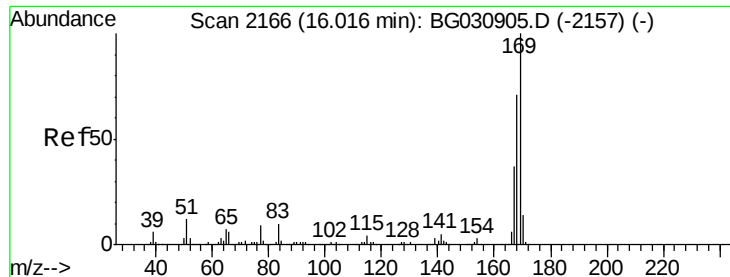
Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	31.5	30.6	70.6
105	33.9	23.8	63.8





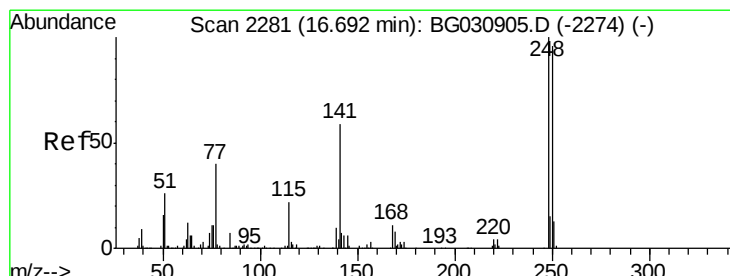
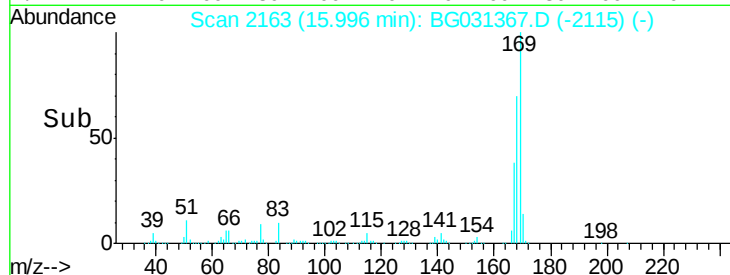
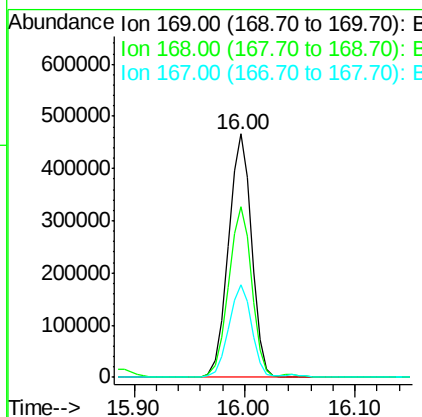
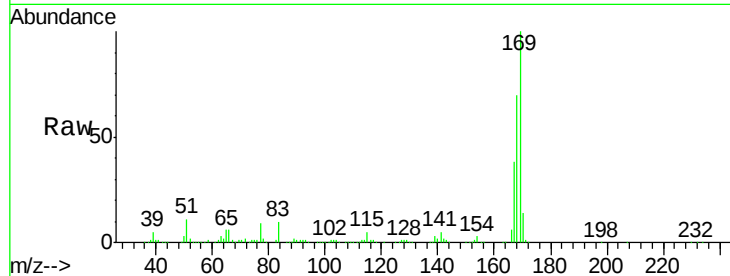
#65
n-Nitrosodiphenylamine
Concen: 47.88 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	38.3	30.1	45.1

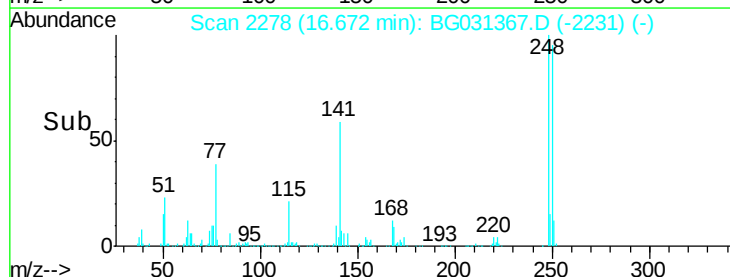
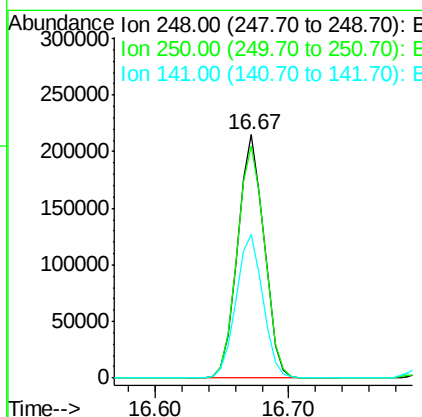
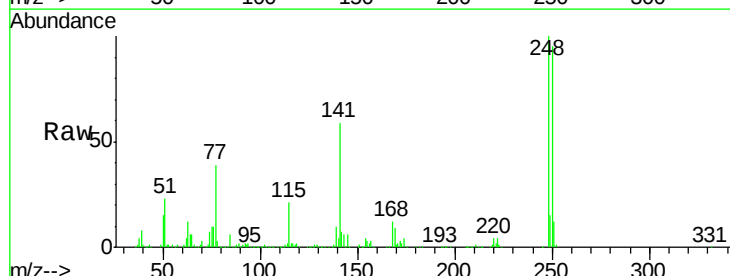
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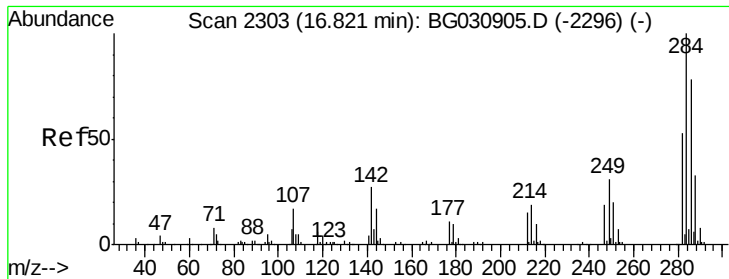
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#66
4-Bromophenyl-phenylether
Concen: 49.26 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	58.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 47.04 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

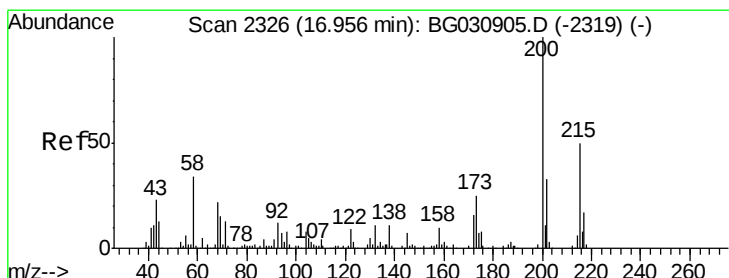
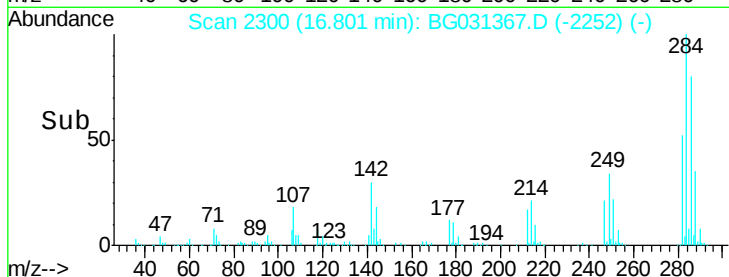
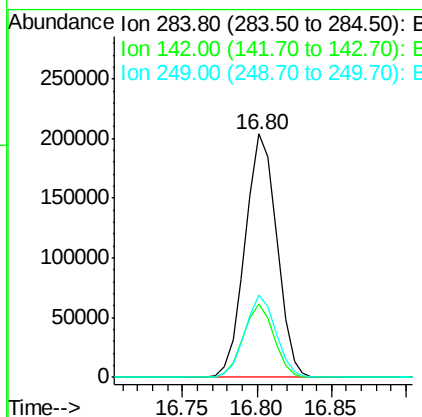
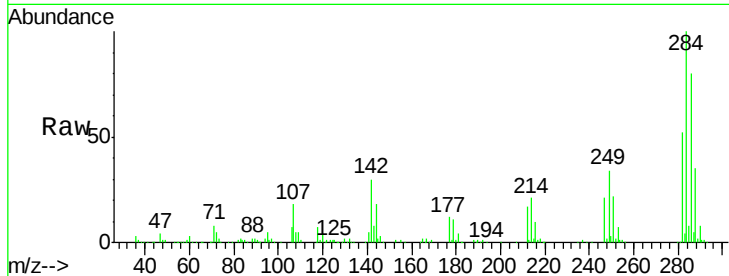
ClientSampled :

IDOC-SOIL-3

Tot Ion:	284	Resp:	299305
Ion Ratio		Lower	Upper
284	100		
142	30.2	26.8	40.2
249	33.9	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 49.33 ng

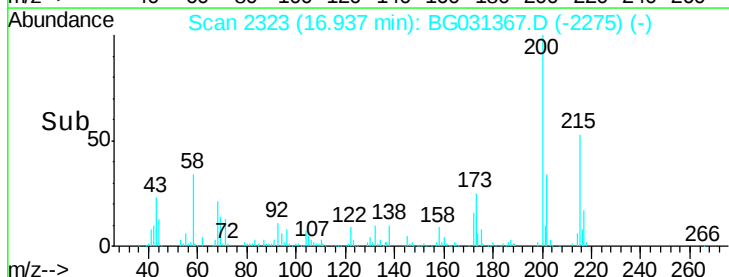
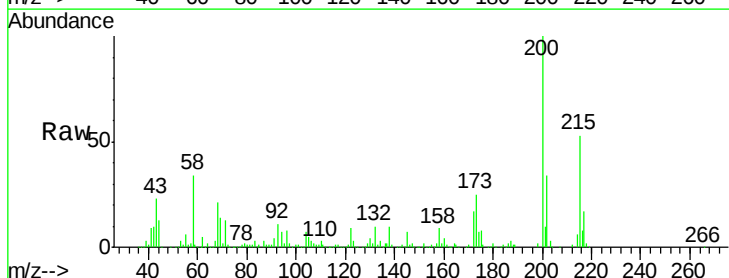
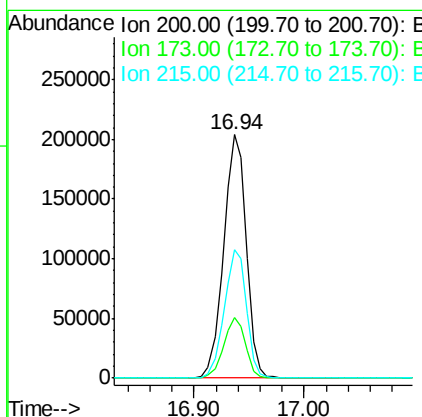
RT: 16.94 min Scan# 2323

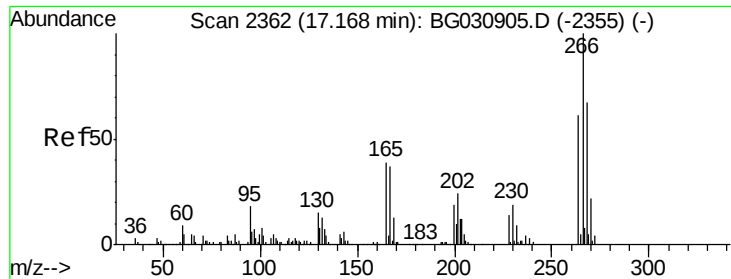
Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	200	Resp:	291610
Ion Ratio		Lower	Upper
200	100		
173	25.1	5.2	45.2
215	52.6	30.4	70.4





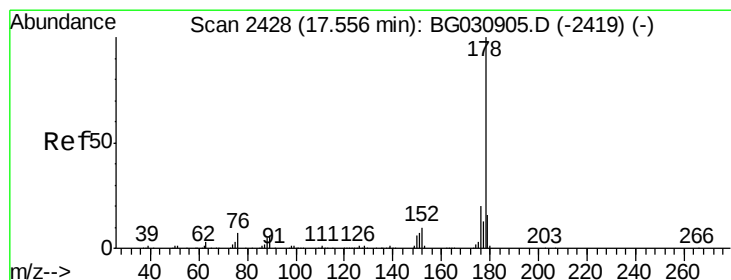
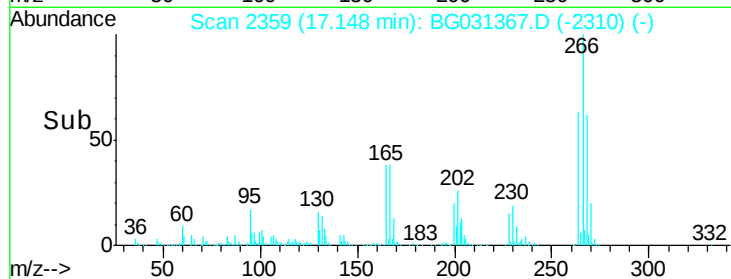
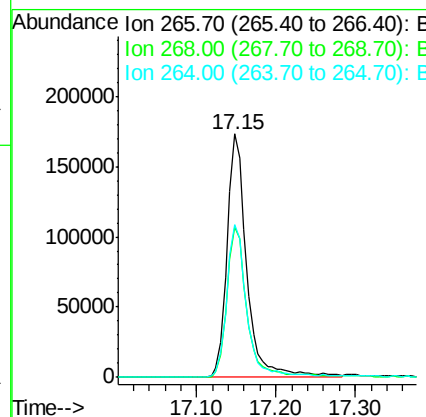
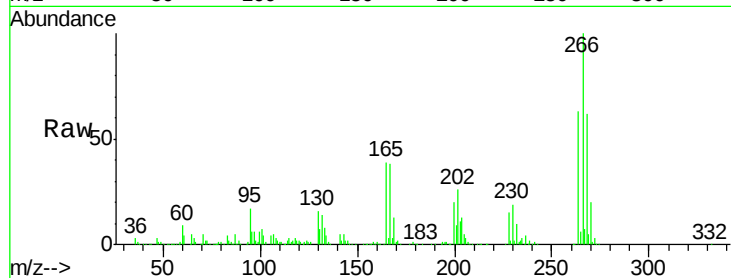
#69
 Pentachlorophenol
 Concen: 85.20 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	62.9	49.6	74.4

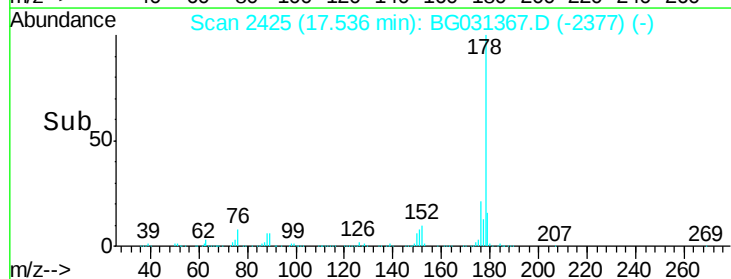
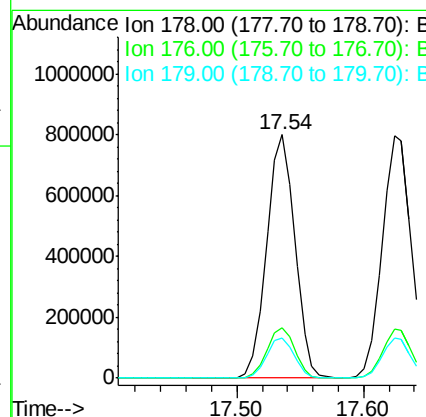
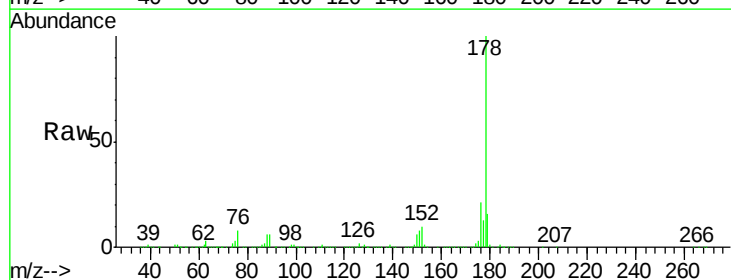
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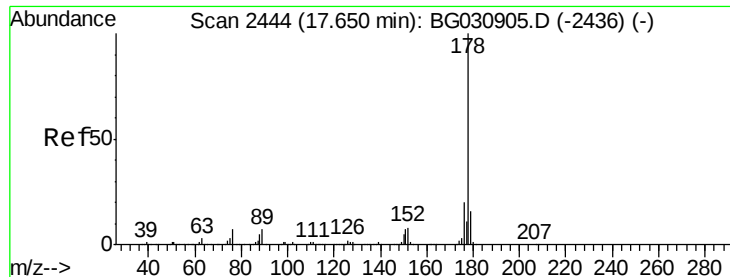
Sohil
 12/5/2017 3:27:26 PM



#70
 Phenanthrene
 Concen: 50.23 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	16.4	12.5	18.7





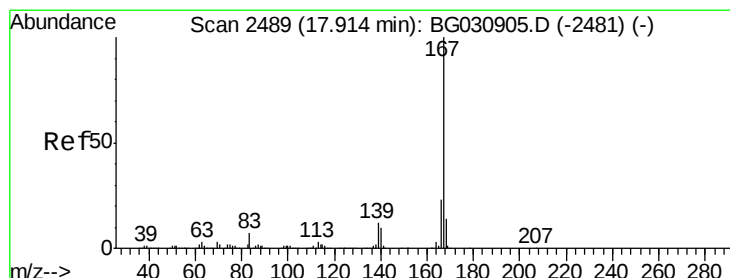
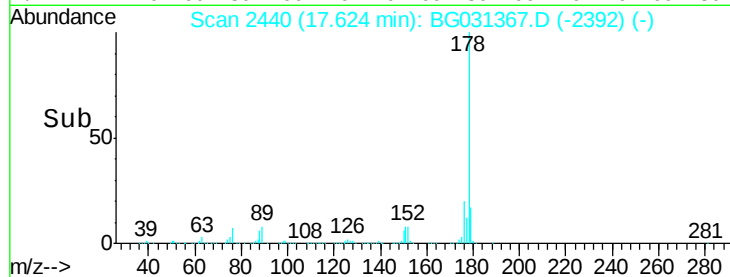
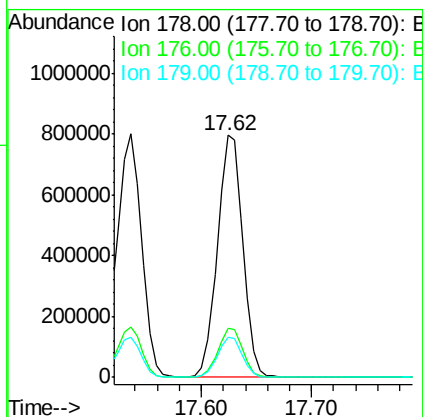
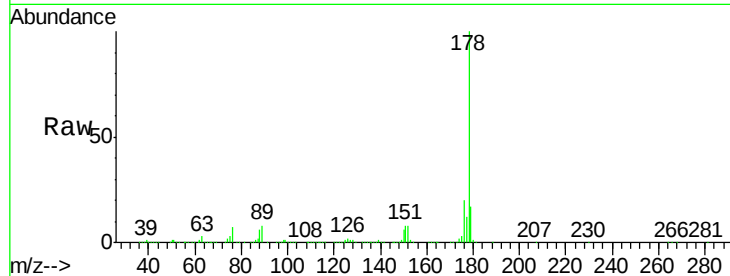
#71
 Anthracene
 Concen: 51.45 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampled :
 IDOC-SOIL-3

Tot Ion:178 Resp: 1269084
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.8 12.5 18.7

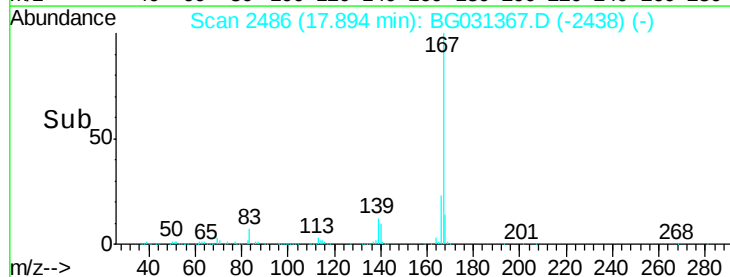
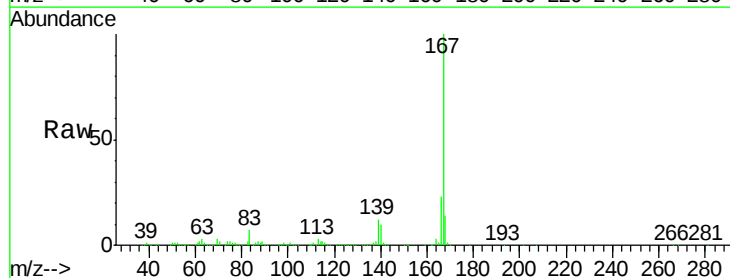
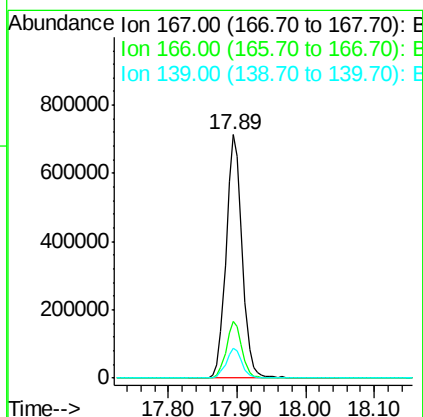
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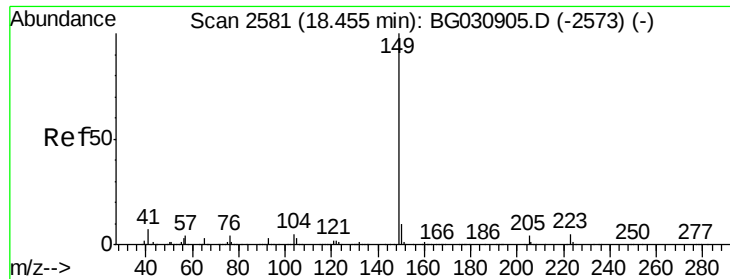
Sohil
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#72
 Carbazole
 Concen: 50.17 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion:167 Resp: 1159471
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.2 27.4
 139 12.1 9.4 14.2





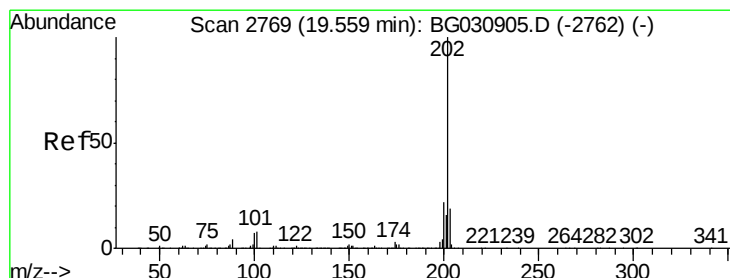
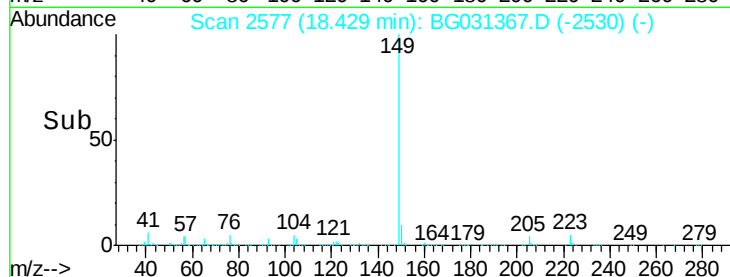
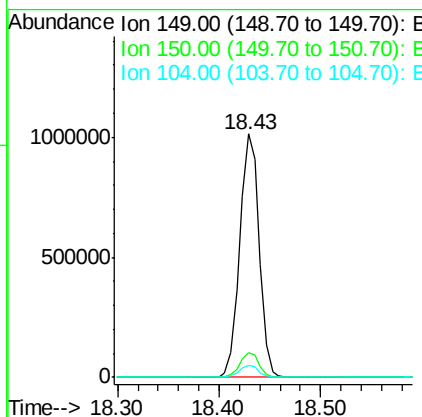
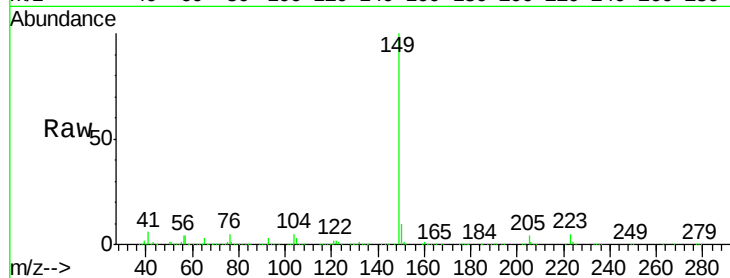
#73
Di-n-butylphthalate
Concen: 47.37 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.0	3.9	5.9

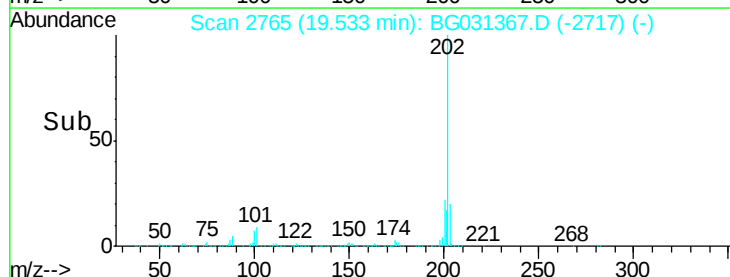
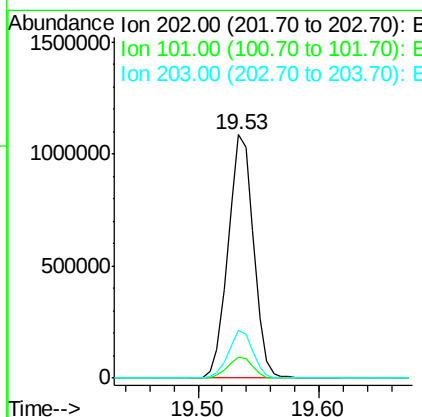
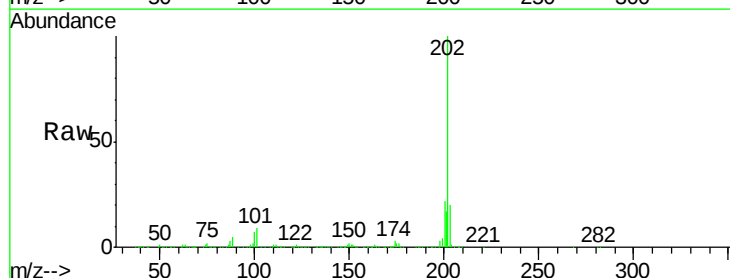
Manual Integrations
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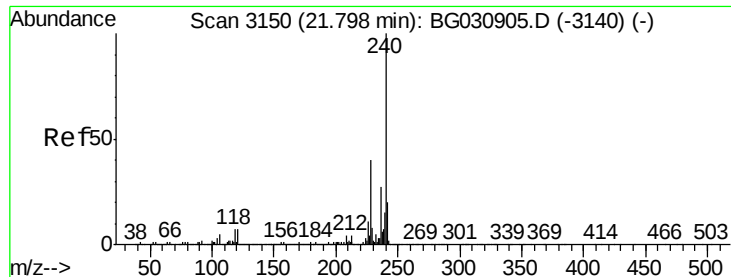
Sohil
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#74
Fluoranthene
Concen: 50.95 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.9
203	19.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

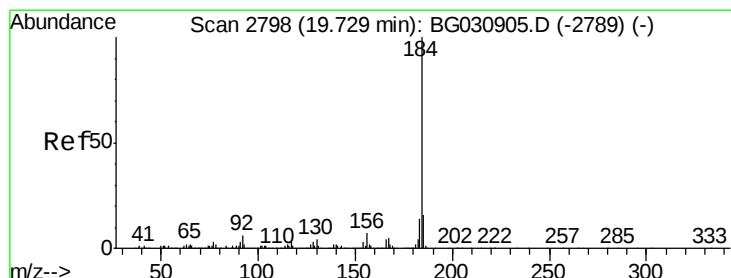
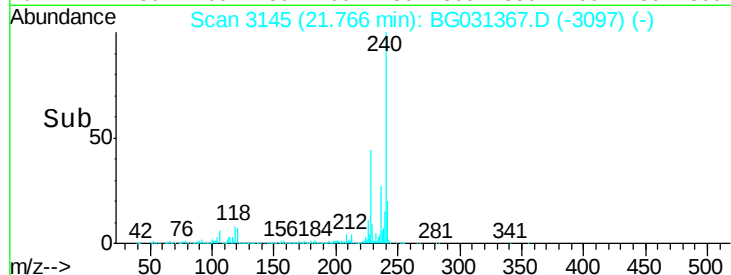
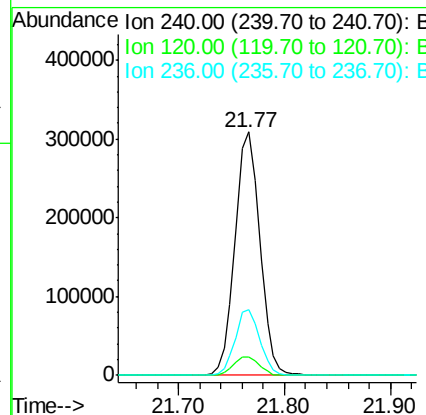
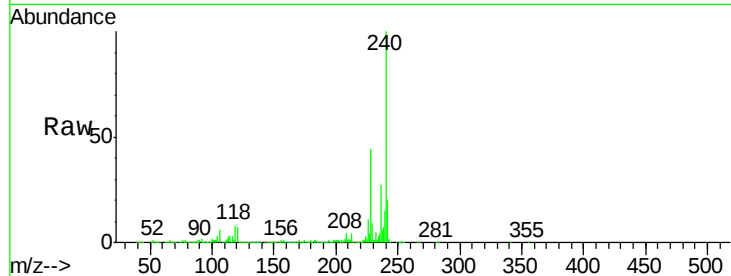
ClientSampleId :

IDOC-SOIL-3

Tot Ion:	240	Resp:	501655
Ion Ratio		Lower	Upper
240	100		
120	7.4	6.8	10.2
236	27.1	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 12.80 ng

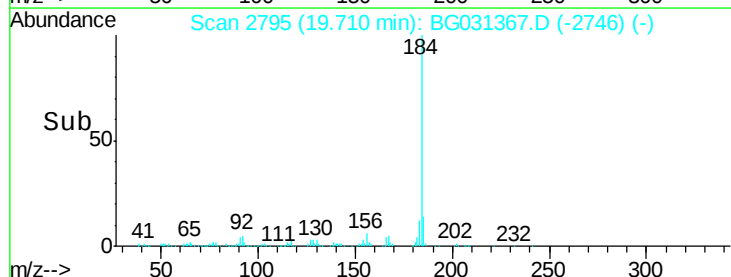
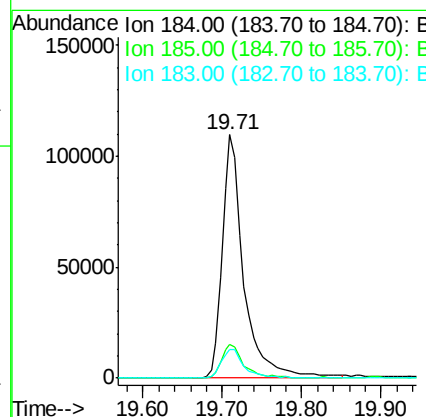
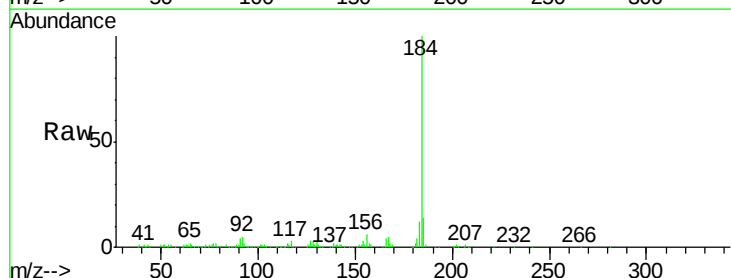
RT: 19.71 min Scan# 2795

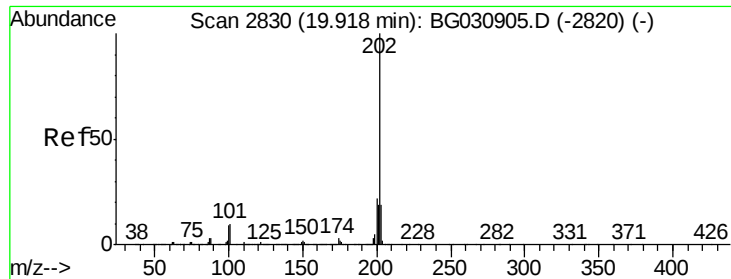
Delta R.T. -0.01 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Tgt Ion:	184	Resp:	206326
Ion Ratio		Lower	Upper
184	100		
185	13.7	11.1	16.7
183	11.7	10.6	16.0





#77

Pvrene

Concen: 54.16 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

Instrument :

BNA_G

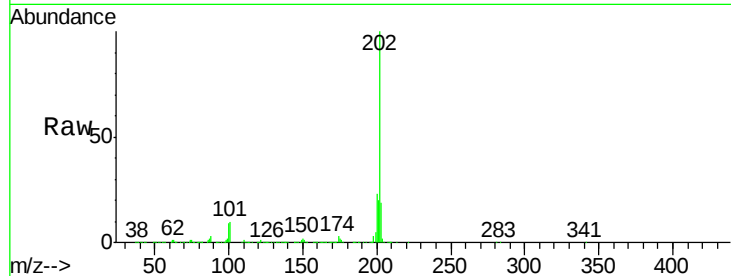
ClientSampleId :

IDOC-SOIL-3

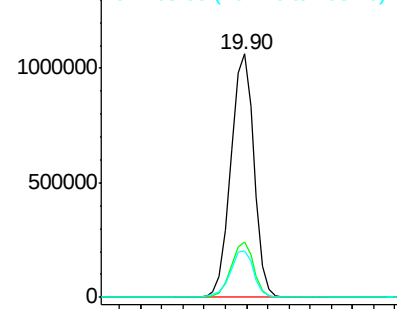
Tot Ion:	202	Resp:	1612189
Ion Ratio	Lower	Upper	
202	100		
200	22.7	16.9	25.3
203	19.3	13.9	20.9

Manual Integrations
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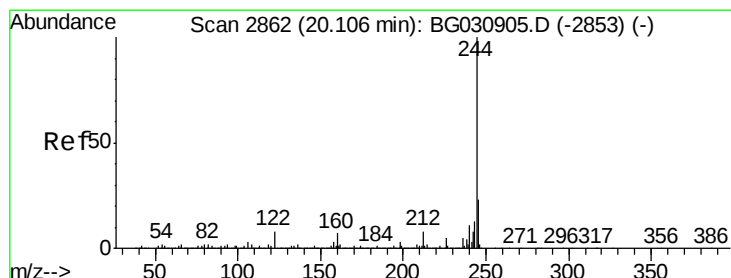
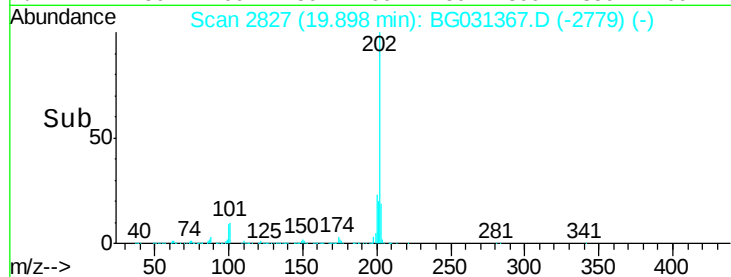
Sohil
12/5/2017 3:27:26 PM



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



Time-->



#78

Terphenyl-d14

Concen: 94.79 ng

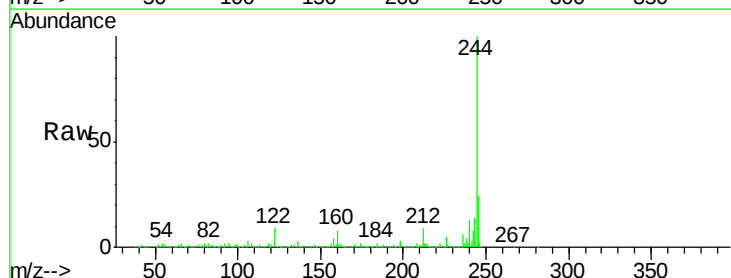
RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

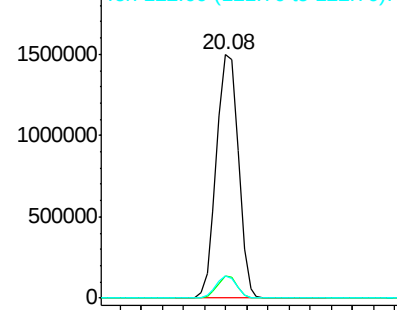
Lab File: BG031367.D

Acq: 5 Dec 2017 4:01

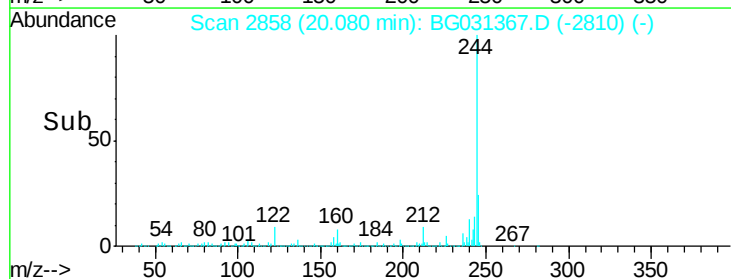
Tgt Ion:	244	Resp:	2153591
Ion Ratio	Lower	Upper	
244	100		
212	8.9	5.8	8.8#
122	9.3	7.0	10.4

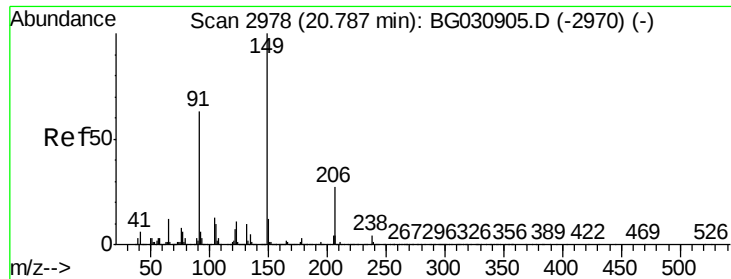


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





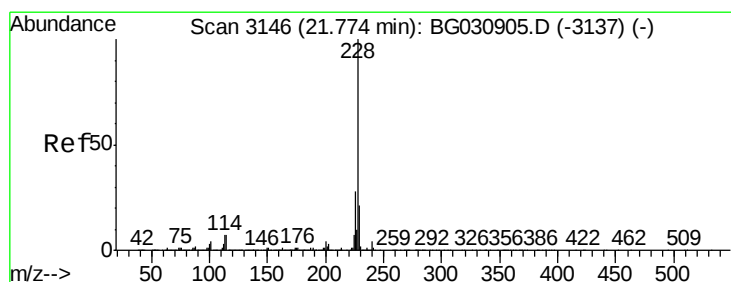
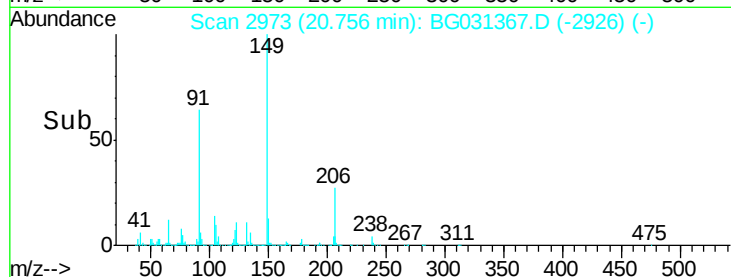
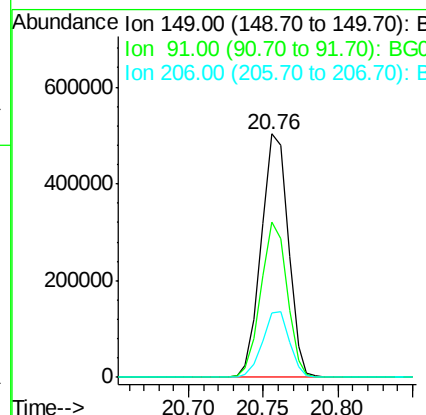
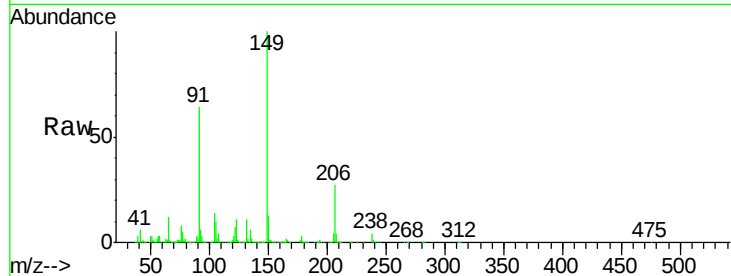
#79
Butylbenzylphthalate
Concen: 52.92 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	62.2	93.2
206	26.7	18.6	27.8

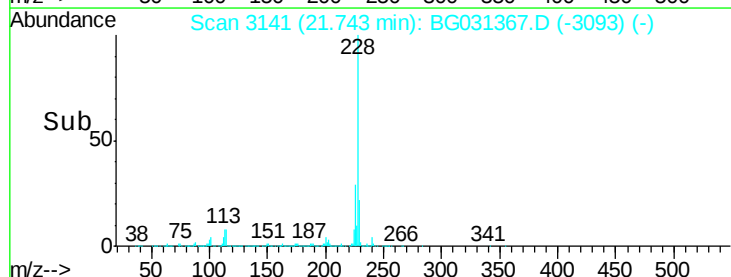
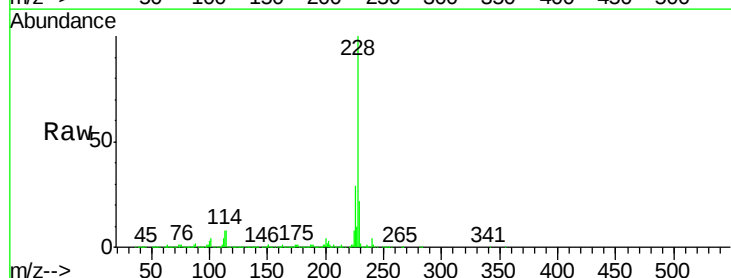
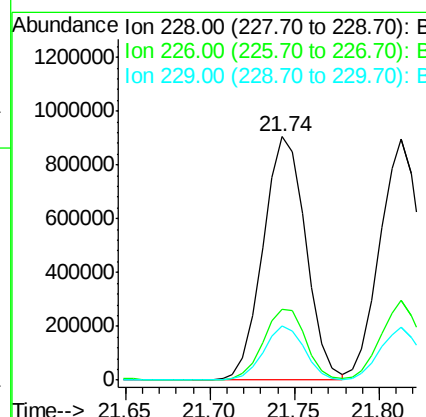
Manual Integrations
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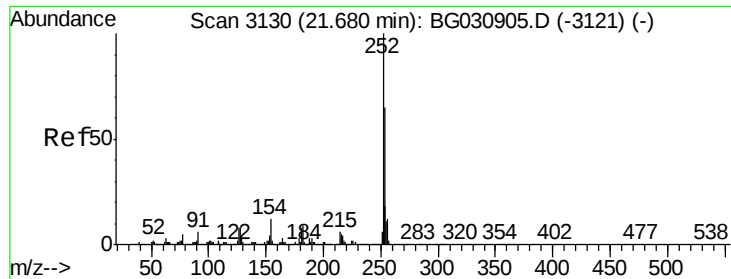
Sohil
12/5/2017 3:27:26 PM



#80
Benzo(a)anthracene
Concen: 51.07 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	22.2	16.2	24.2





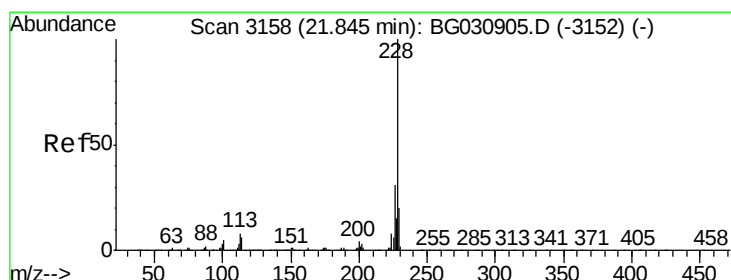
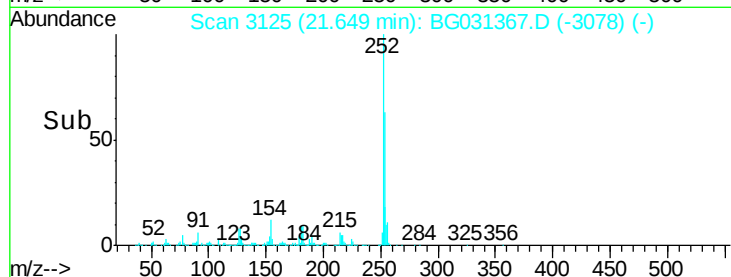
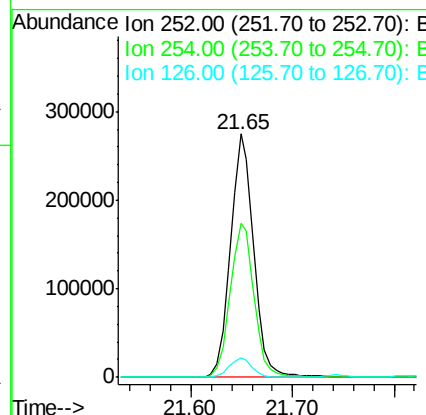
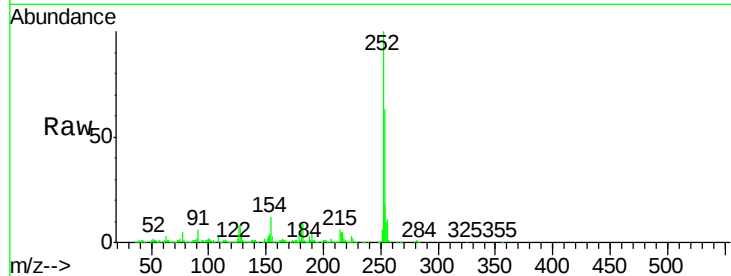
#81
 3,3'-Dichlorobenzidine
 Concen: 34.67 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.8	76.2
126	8.1	7.4	11.2

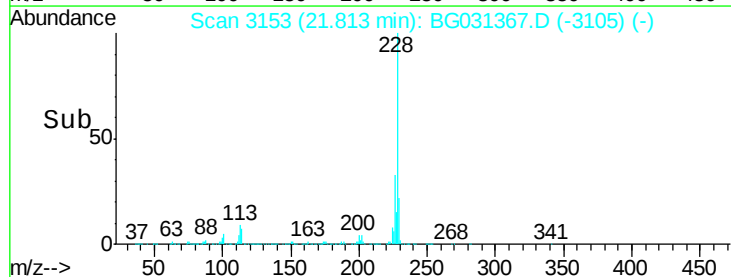
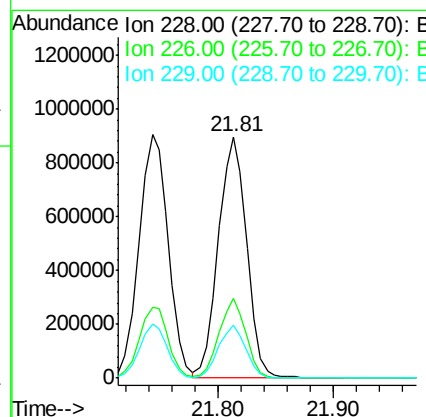
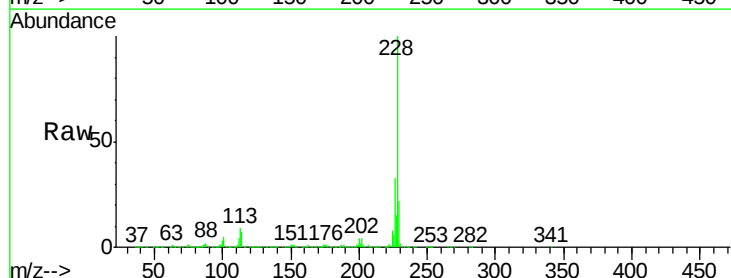
Manual Integrations
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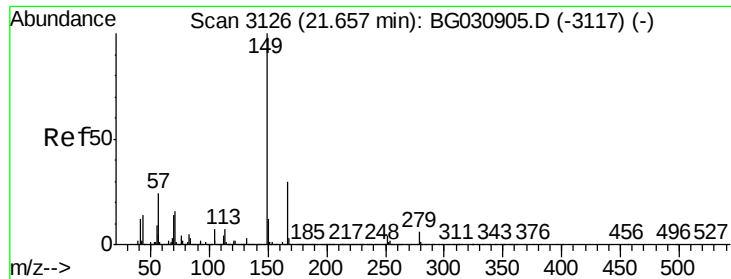
Sohil
 12/5/2017 3:27:26 PM



#82
 Chrysene
 Concen: 52.50 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.9	37.3
229	21.8	15.0	22.4





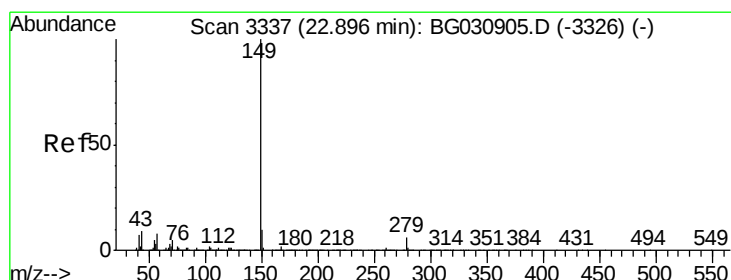
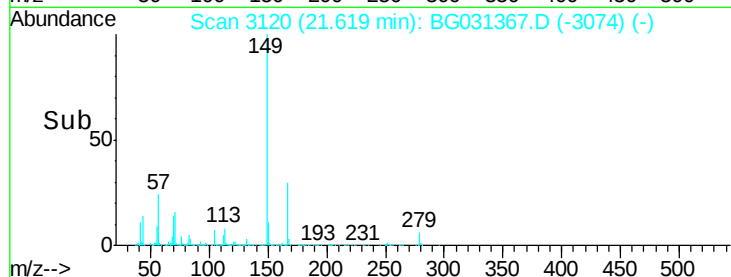
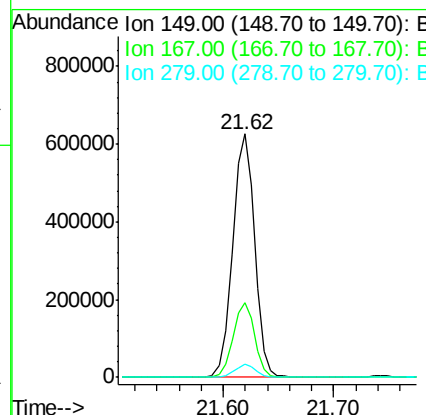
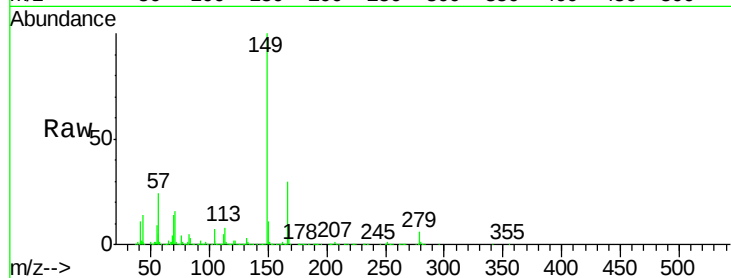
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.95 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	5.5	4.0	6.0

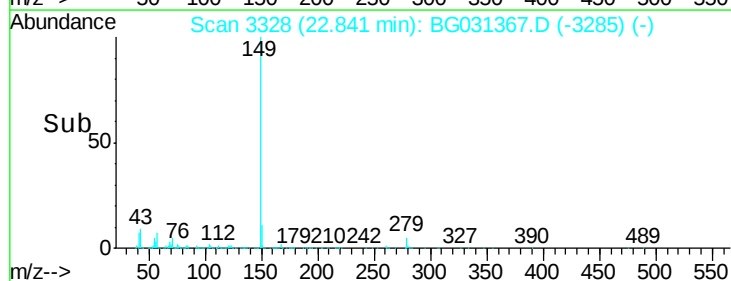
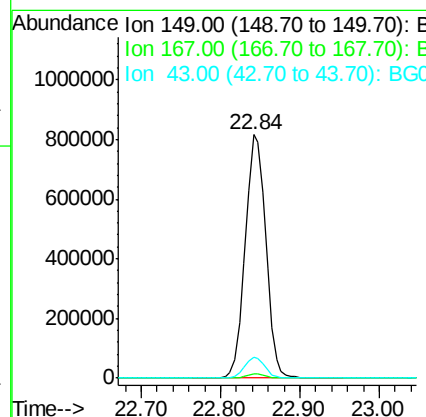
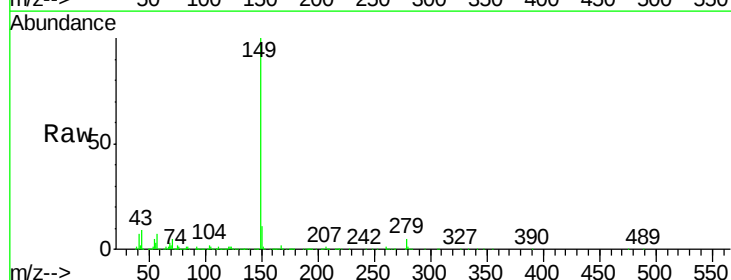
Manual Integrations
 APPROVED

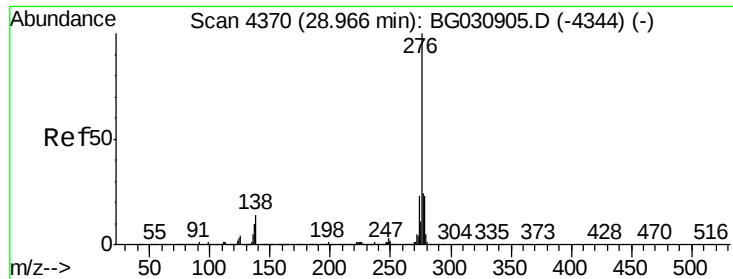
Sohil
 12/5/2017 3:27:26 PM



#84
 Di-n-octyl phthalate
 Concen: 52.70 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.05 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

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





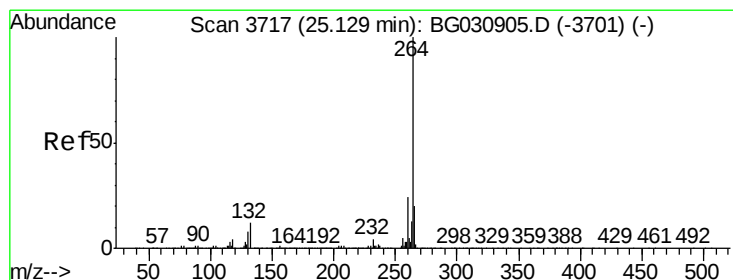
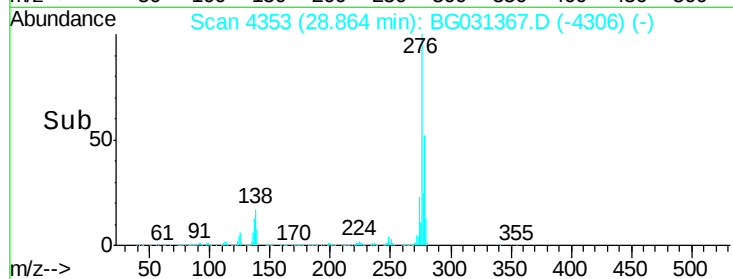
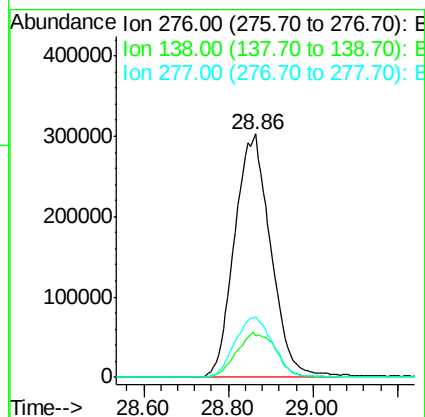
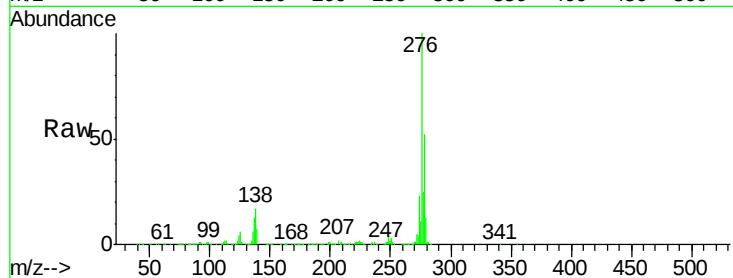
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.26 ng
RT: 28.86 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.0	24.0
277	26.0	20.0	30.0

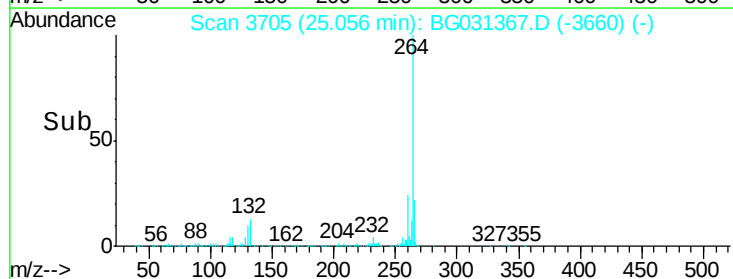
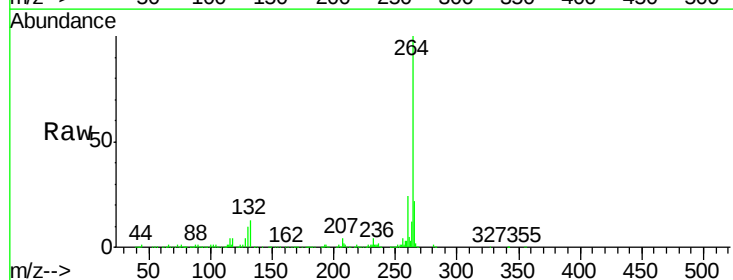
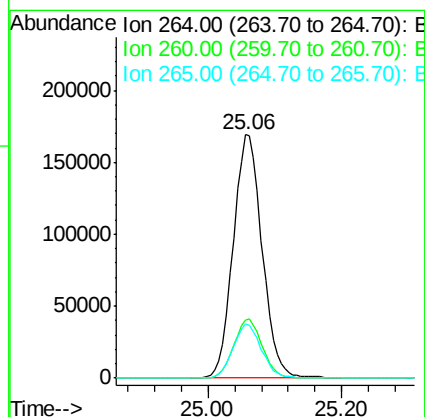
Manual Integrations
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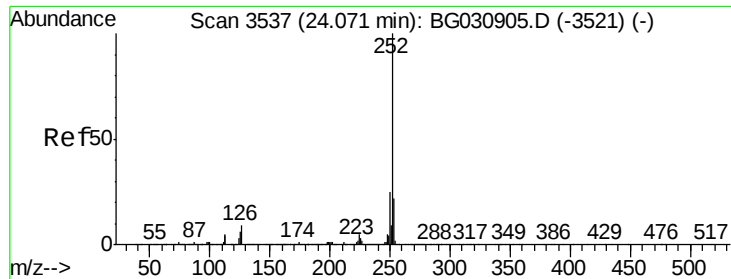
Sohil
12/5/2017 3:27:26 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.1	17.7	26.5





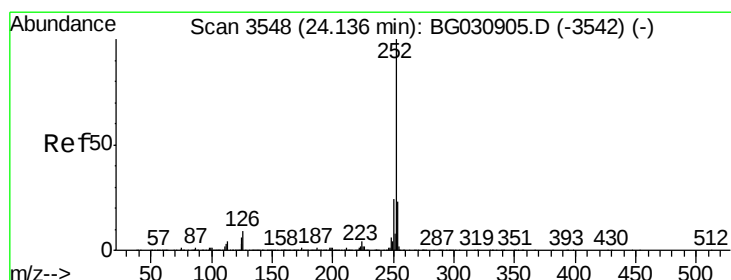
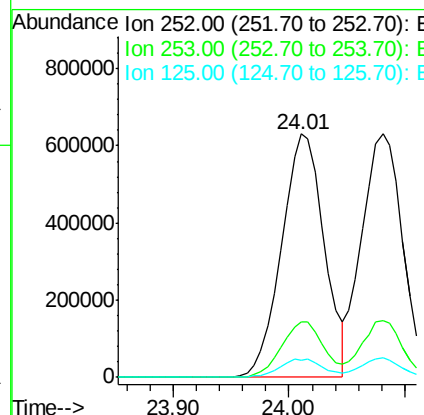
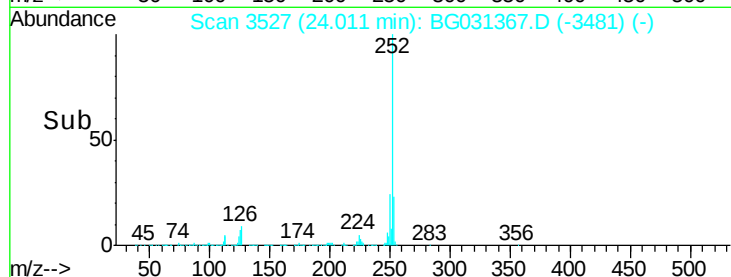
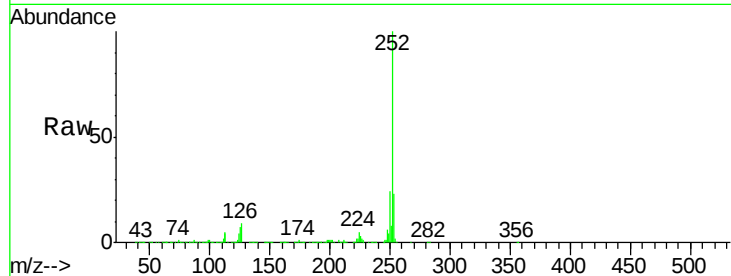
#87
Benzo(b)fluoranthene
Concen: 52.27 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.03 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	7.2	7.2	10.8

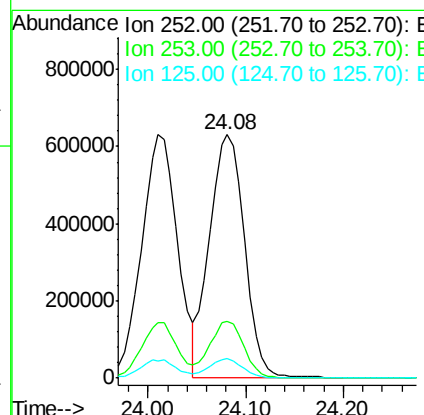
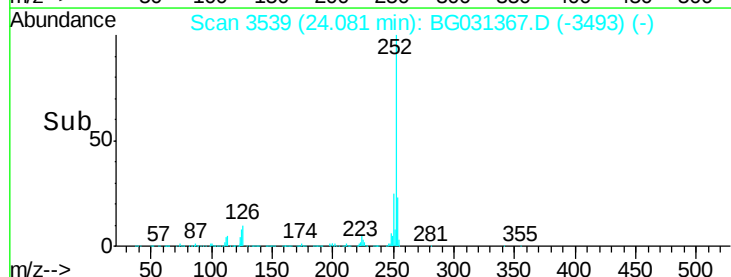
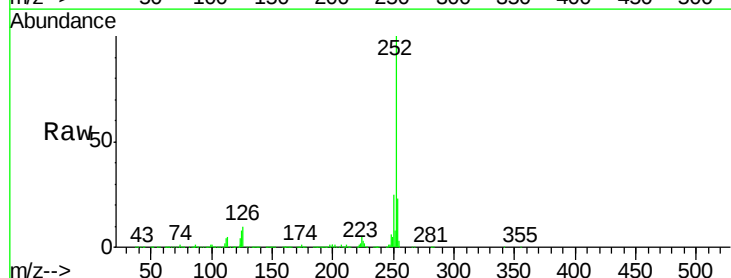
Manual Integrations
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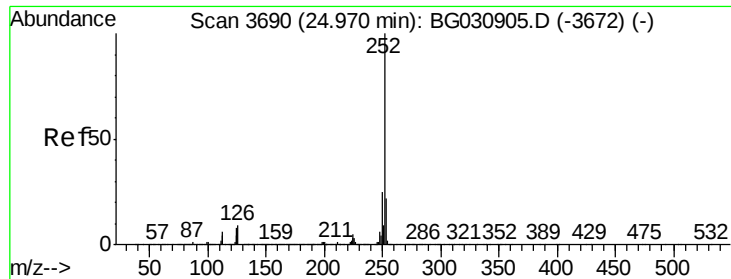
Sohil
12/5/2017 3:27:26 PM



#88
Benzo(k)fluoranthene
Concen: 51.13 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.03 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	7.9	6.6	9.8





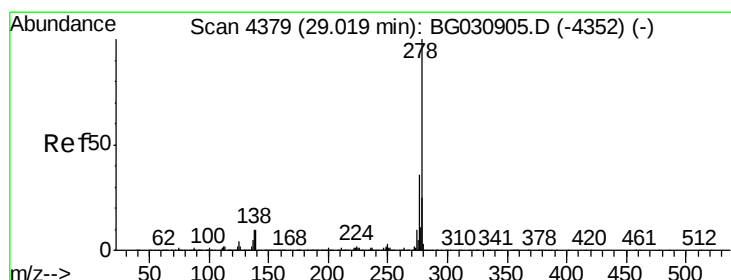
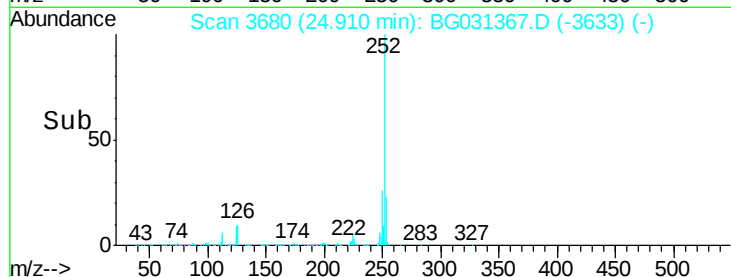
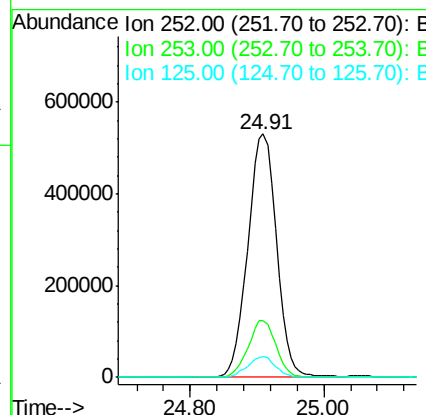
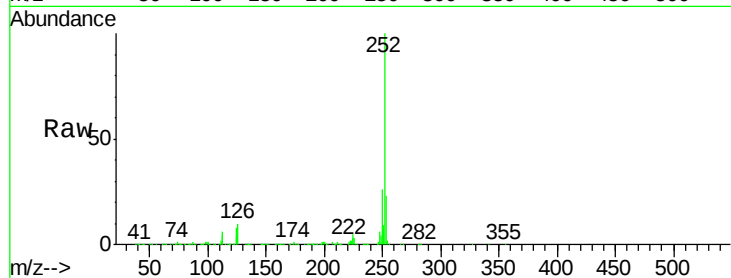
#89
Benzo(a)pyrene
Concen: 53.47 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Instrument :
BNA_G
ClientSampleId :
IDOC-SOIL-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	8.5	7.3	10.9

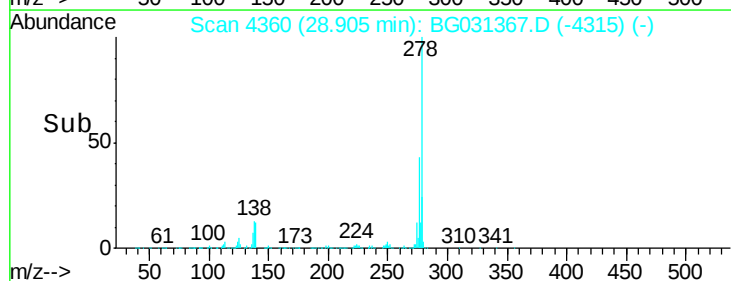
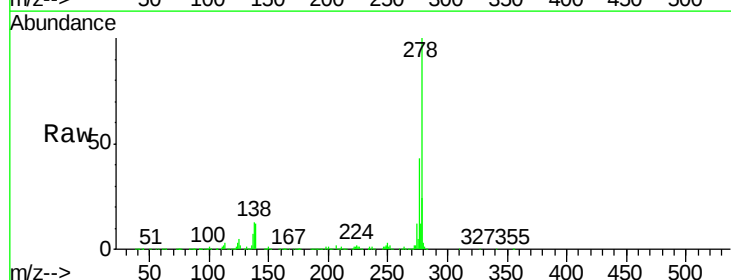
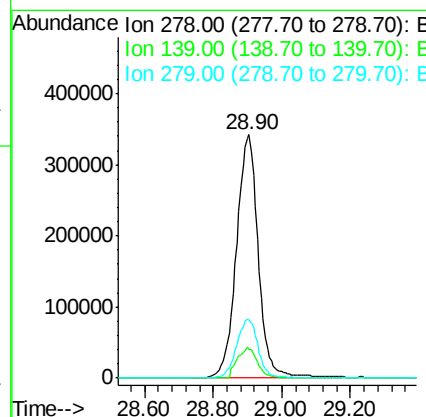
Manual Integrations
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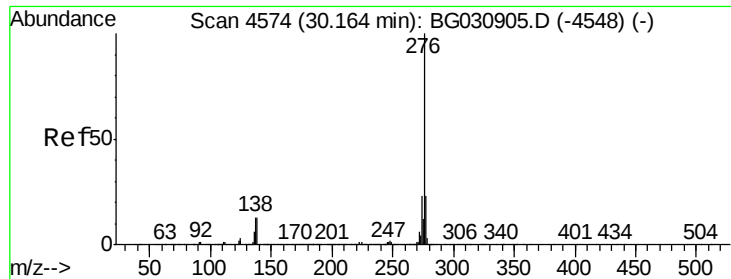
Sohil
12/5/2017 3:27:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.52 ng
RT: 28.90 min Scan# 4360
Delta R.T. -0.04 min
Lab File: BG031367.D
Acq: 5 Dec 2017 4:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.8	14.6
279	23.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.83 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.04 min
 Lab File: BG031367.D
 Acq: 5 Dec 2017 4:01

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-SOIL-3

Tot Ion:	276	Resp:	1477618
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.3	27.5
138	17.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:27:26 PM

