

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037298.D
 Acq On : 12 Oct 2018 19:38
 Operator : JU/SJ
 Sample : J5392-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Manual Integrations
 APPROVED

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 10/15/2018 12:59:10 PM

Quant Time: Oct 13 00:38:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	57708	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	255261	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	172446	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	424543	20.00	ng	0.00
76) Chrysene-d12	21.79	240	393775	20.00	ng	0.00
87) Perylene-d12	25.14	264	421956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	412738	125.87	ng	0.00
7) Phenol-d6	7.26	99	553701	111.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	357202	92.00	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	208549	123.31	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	843161	73.43	ng	0.00
79) Terphenyl-d14	20.10	244	1300296	69.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	54788	29.750	ng	# 90
3) Pyridine	3.95	79	128844	29.467	ng	94
4) n-Nitrosodimethylamine	3.86	42	76057	44.792	ng	92
6) Aniline	7.45	93	138775	21.300	ng	96
8) 2-Chlorophenol	7.68	128	172506	44.951	ng	98
9) Benzaldehyde	7.26	77	57188	16.689	ng	93
10) Phenol	7.29	94	211373	40.324	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	169468	39.573	ng	96
12) 1,3-Dichlorobenzene	8.01	146	176755	39.179	ng	97
13) 1,4-Dichlorobenzene	8.16	146	179545	39.308	ng	99
14) 1,2-Dichlorobenzene	8.48	146	172941	39.073	ng	99
15) Benzyl Alcohol	8.36	79	168987	43.407	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	311643	36.812	ng	97
17) 2-Methylphenol	8.55	107	157937	44.988	ng	98
18) Hexachloroethane	9.20	117	62430	40.045	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	142510	37.820	ng	96
20) 3+4-Methylphenols	8.88	107	214926	43.785	ng	98
22) Acetophenone	8.95	105	269966	41.955	ng	# 97
24) Nitrobenzene	9.34	77	196623	47.281	ng	95
25) Isophorone	9.86	82	410544	46.319	ng	96
26) 2-Nitrophenol	10.05	139	75697	48.740	ng	99
27) 2,4-Dimethylphenol	10.09	122	188889	50.986	ng	100
28) bis(2-Chloroethoxy)methane	10.34	93	243207	43.858	ng	98
29) 2,4-Dichlorophenol	10.58	162	182985	48.657	ng	98
30) 1,2,4-Trichlorobenzene	10.80	180	180961	39.543	ng	99
31) Naphthalene	11.00	128	564235	45.483	ng	99
32) Benzoic acid	10.20	122	76128	37.214	ng	98
33) 4-Chloroaniline	11.10	127	23127	3.974	ng	96
34) Hexachlorobutadiene	11.26	225	107262	37.744	ng	98
35) Caprolactam	11.88	113	57279m	37.361	ng	
36) 4-Chloro-3-methylphenol	12.20	107	203374	45.790	ng	98
37) 2-Methylnaphthalene	12.59	142	420628	46.461	ng	98
38) 1-Methylnaphthalene	12.81	142	397694	44.977	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	212207	37.999	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	223387	97.031	nq	99
43) 2,4,6-Trichlorophenol	13.19	196	150441	46.437	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	163021	46.769	nq	96
46) 1,1'-Biphenyl	13.59	154	535936	37.780	nq	98
47) 2-Chloronaphthalene	13.63	162	425960	39.753	nq	100
48) 2-Nitroaniline	13.84	65	125733	43.871	nq	97
49) Acenaphthylene	14.48	152	703878	42.942	nq	100
50) Dimethylphthalate	14.20	163	552727	40.785	nq	99
51) 2,6-Dinitrotoluene	14.33	165	114389	43.910	nq	95
52) Acenaphthene	14.81	154	407227	40.221	nq	99
53) 3-Nitroaniline	14.66	138	66725	23.532	nq	99
54) 2,4-Dinitrophenol	14.86	184	53551	78.969	nq	96
55) Dibenzofuran	15.15	168	644675	39.240	nq	98
56) 4-Nitrophenol	14.94	139	180574	81.700	nq	98
57) 2,4-Dinitrotoluene	15.11	165	152781	46.095	nq	96
58) Fluorene	15.80	166	520020	41.852	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	140887	45.653	nq	98
60) Diethylphthalate	15.56	149	563886	40.150	nq	100
61) 4-Chlorophenyl-phenylether	15.79	204	270750	37.279	nq	98
62) 4-Nitroaniline	15.83	138	125828	42.280	nq	96
63) Azobenzene	16.08	77	529340	39.311	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	46603	36.672	nq	99
66) n-Nitrosodiphenylamine	16.00	169	474930	38.093	nq	100
67) 4-Bromophenyl-phenylether	16.68	248	171962	37.531	nq	98
68) Hexachlorobenzene	16.79	284	173571	36.537	nq	98
69) Atrazine	16.95	200	167761	36.204	nq	99
70) Pentachlorophenol	17.14	266	195692	63.848	nq	95
71) Phenanthrene	17.54	178	869048	40.213	nq	99
72) Anthracene	17.64	178	880731	41.637	nq	99
73) Carbazole	17.91	167	816870	37.481	nq	98
74) Di-n-butylphthalate	18.45	149	977390	41.841	nq	100
75) Fluoranthene	19.54	202	1027817	40.692	nq	99
77) Benzidine	19.73	184	71507	4.747	nq	99
78) Pyrene	19.91	202	1037957	40.444	nq	100
80) Butylbenzylphthalate	20.78	149	438728	43.938	nq	97
81) Benzo(a)anthracene	21.77	228	978460	41.489	nq	98
82) 3,3'-Dichlorobenzidine	21.68	252	226993	24.952	nq	100
83) Chrysene	21.84	228	912352	40.555	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	620244	43.258	nq	99
85) Di-n-octyl phthalate	22.91	149	1040741	44.721	nq	98
86) Indeno(1,2,3-cd)pyrene	28.99	276	1096421	43.970	nq	# 97
88) Benzo(b)fluoranthene	24.06	252	1002262	43.689	nq	99
89) Benzo(k)fluoranthene	24.14	252	920111	40.646	nq	99
90) Benzo(a)pyrene	24.98	252	944652	42.943	nq	99
91) Dibenzo(a,h)anthracene	29.06	278	902310	42.869	nq	97
92) Benzo(g,h,i)perylene	30.20	276	910601	43.317	nq	99

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

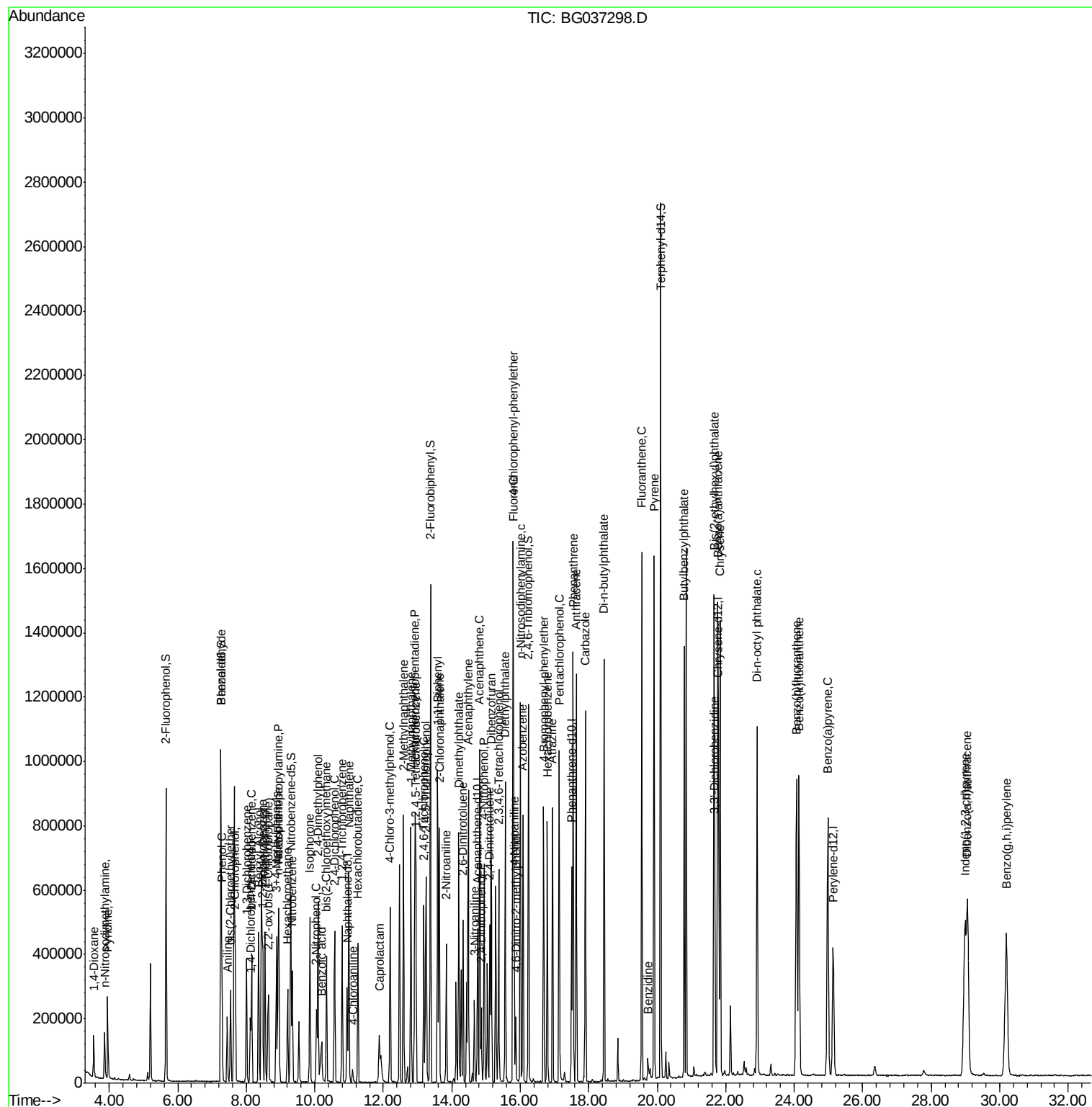
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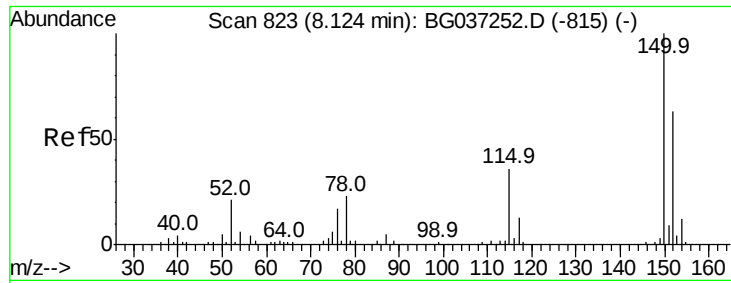
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#1

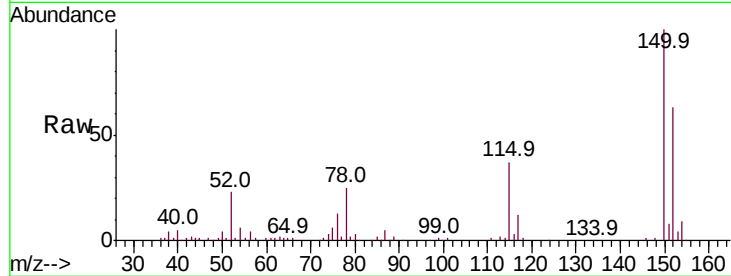
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

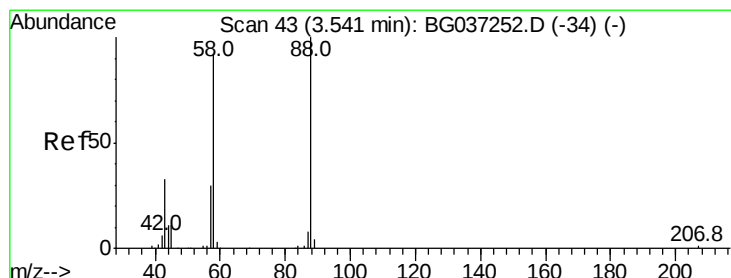
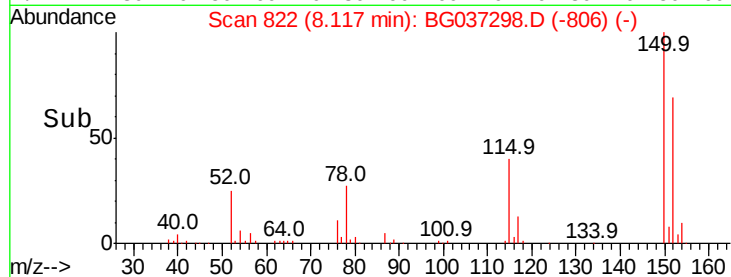
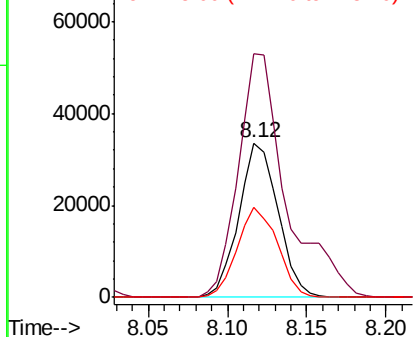
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.0	189.0
115	58.8	45.5	68.3

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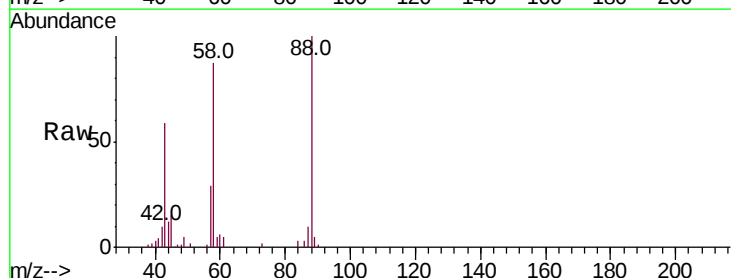
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



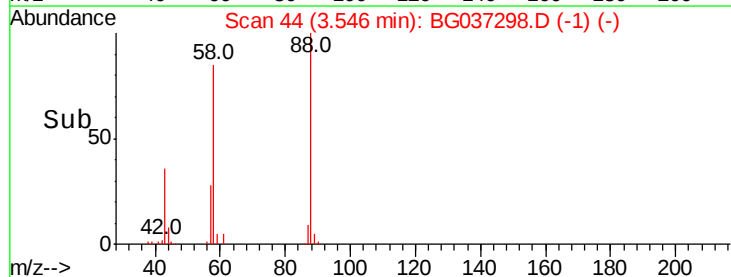
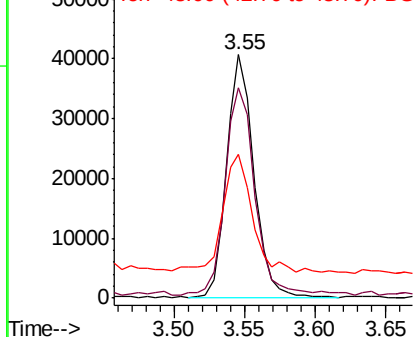
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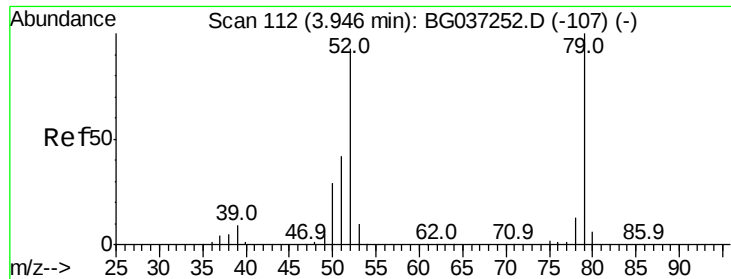
1,4-Dioxane
 Concen: 29.750 ng
 RT: 3.55 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	74.4	111.6
43	52.5	25.8	38.8#



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





#3

Pvridine

Concen: 29.467 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

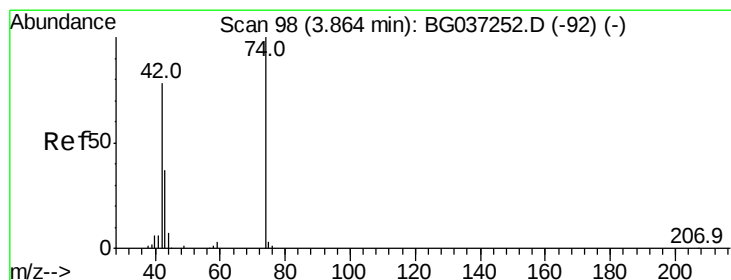
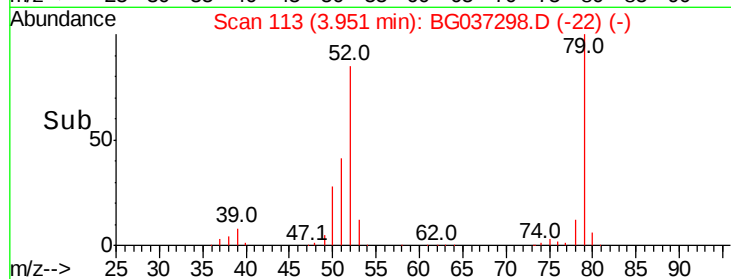
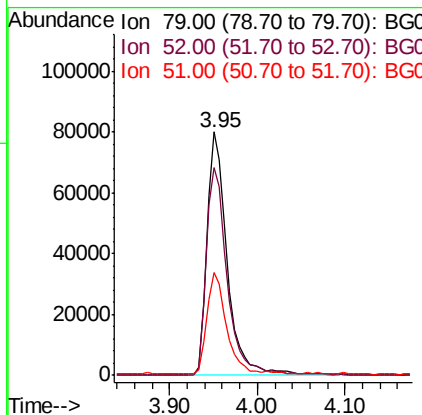
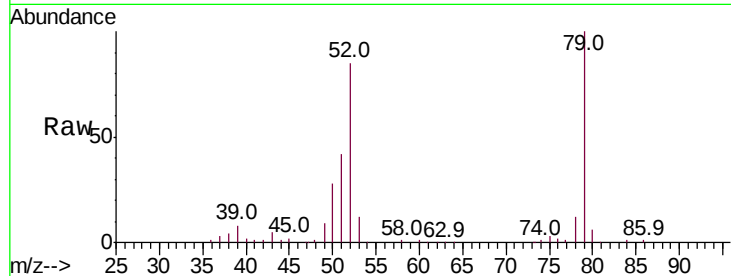
ClientSampleId :

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Tot Ion:	79	Resp:	128844
Ion	Ratio	Lower	Upper
79	100		
52	85.4	74.2	111.2
51	42.1	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 44.792 ng

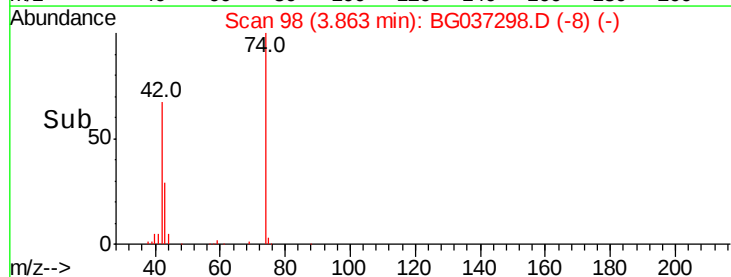
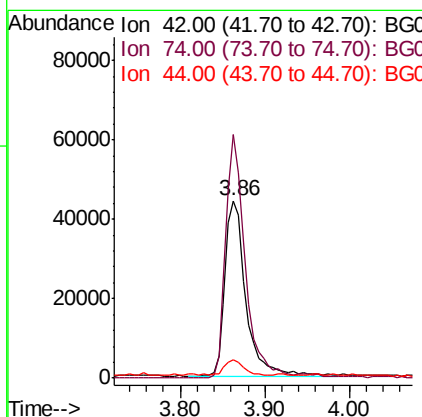
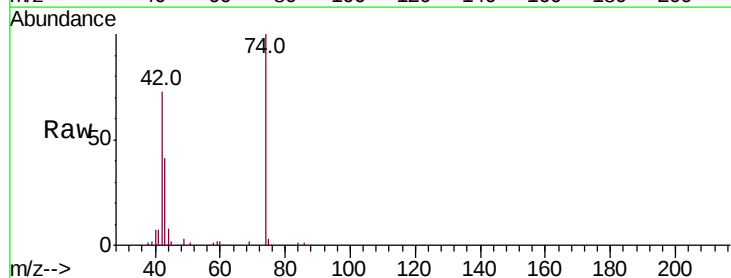
RT: 3.86 min Scan# 98

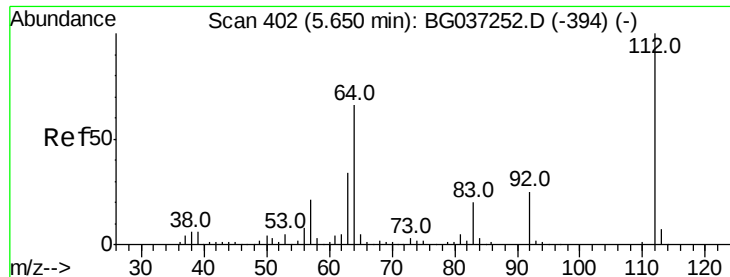
Delta R.T. -0.00 min

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Tgt Ion:	42	Resp:	76057
Ion	Ratio	Lower	Upper
42	100		
74	137.3	102.0	153.0
44	10.5	9.6	14.4





#5

2-Fluorophenol

Concen: 125.872 ng

RT: 5.65 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

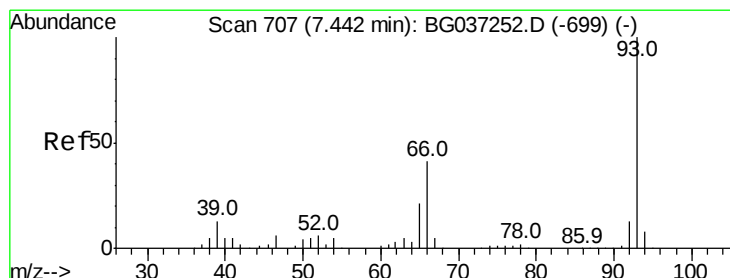
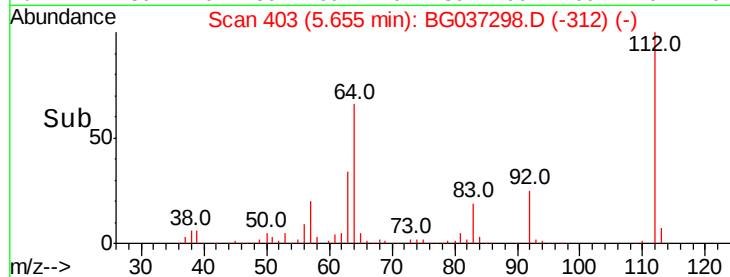
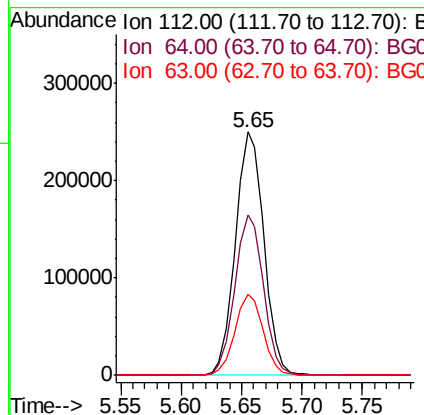
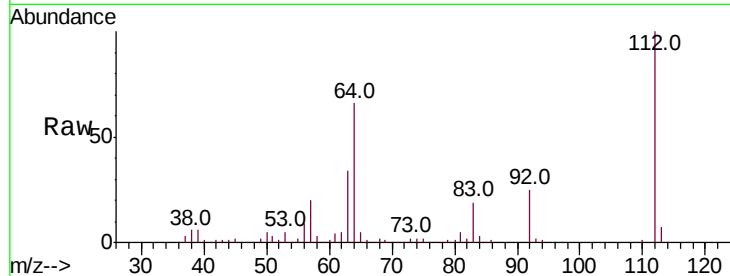
ClientSampleId :

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Tot Ion:	112	Resp:	412738
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.1	79.7
63	33.5	27.3	40.9

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#6

Aniline

Concen: 21.300 ng

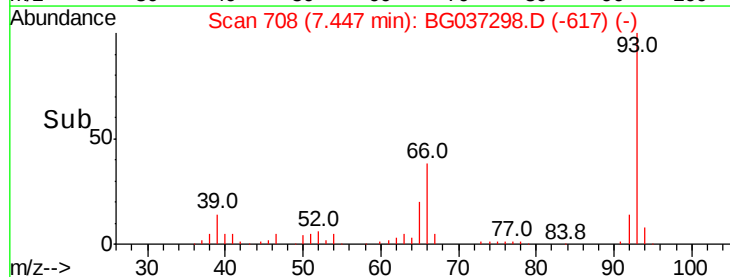
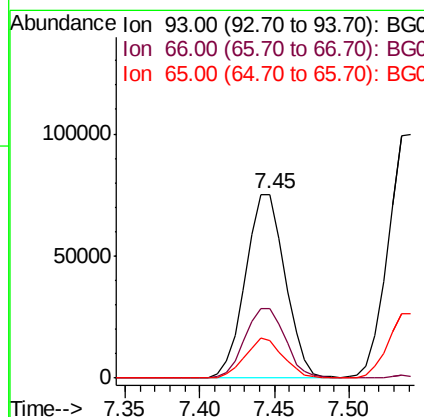
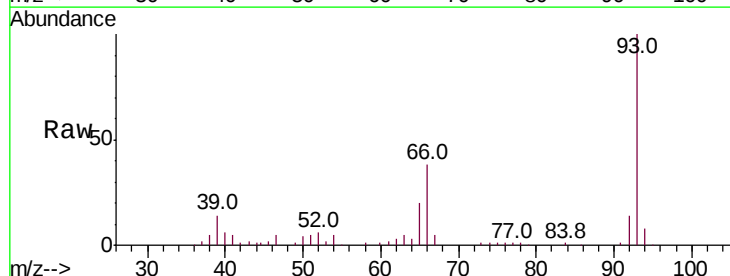
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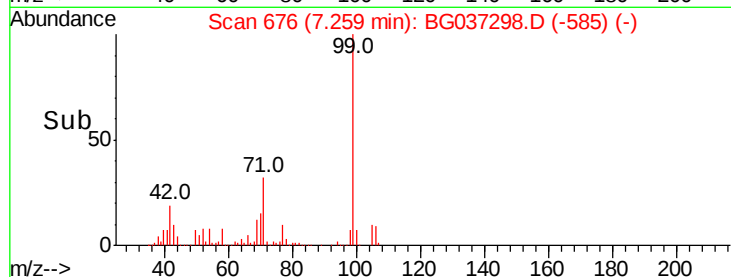
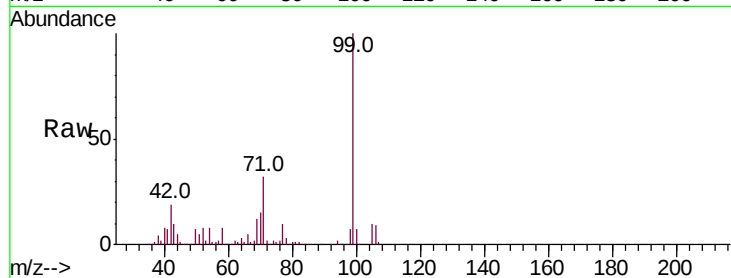
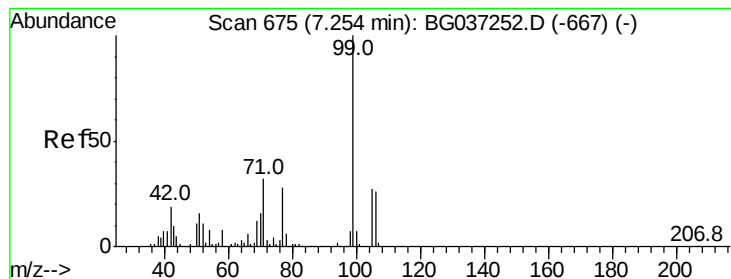
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	138775
Ion Ratio	Lower	Upper	
93	100		
66	37.7	32.8	49.2
65	20.1	16.4	24.6





#7

Phenol-d6

Concen: 111.251 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tot Ion:	99	Resp:	553701
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.0	22.4
71	31.6	25.5	38.3

Instrument :

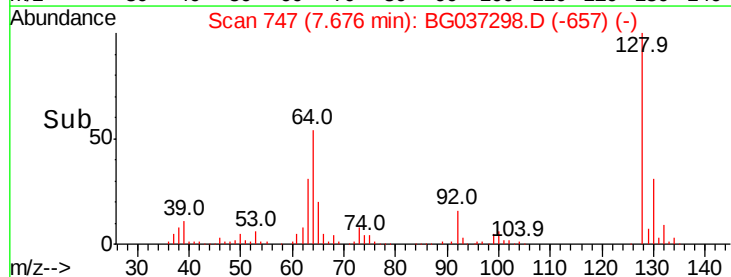
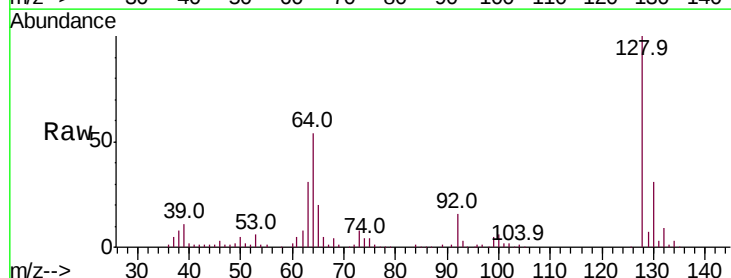
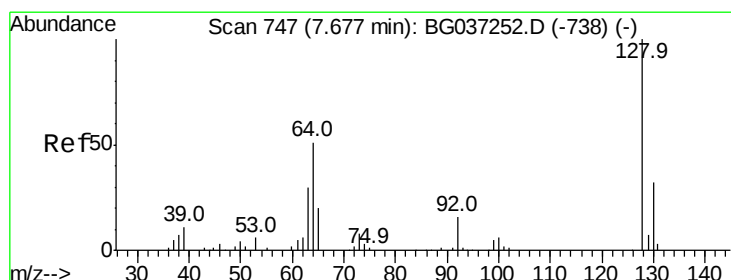
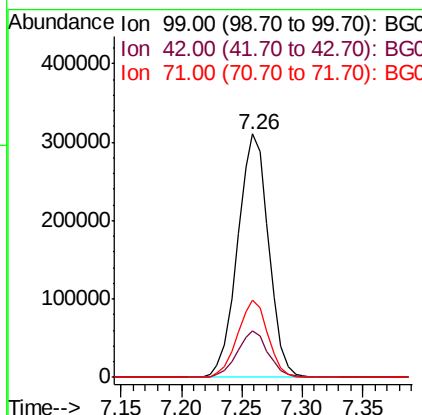
BNA_G

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#8

2-Chlorophenol

Concen: 44.951 ng

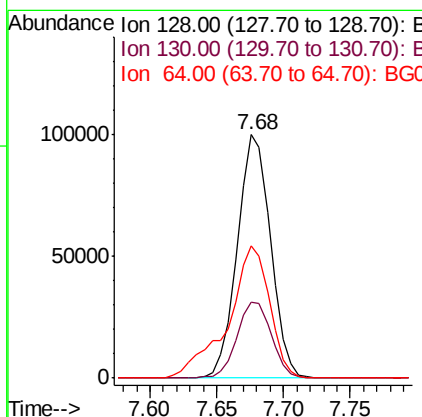
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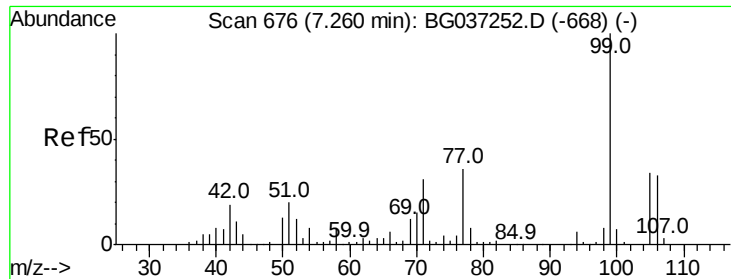
Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	128	Resp:	172506
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.0	52.0
64	54.4	32.9	72.9





#9

Benzaldehyde

Concen: 16.689 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

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Tot Ion: 77 Resp: 57188

Ion Ratio Lower Upper

77 100

105 102.0 72.6 112.6

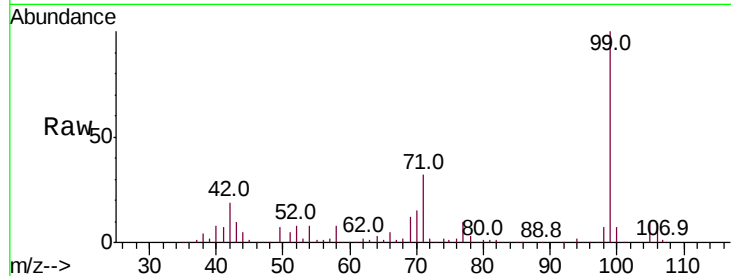
106 94.5 71.3 111.3

Manual Integrations

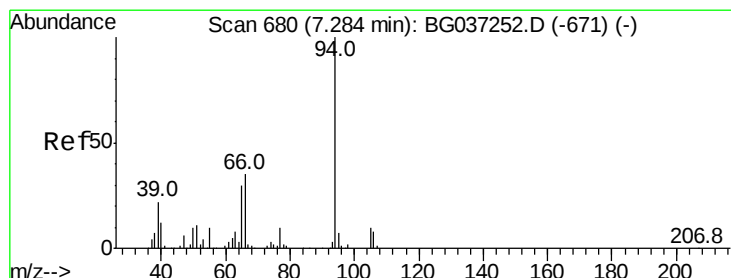
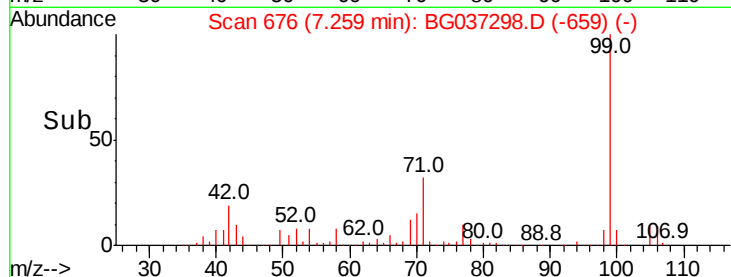
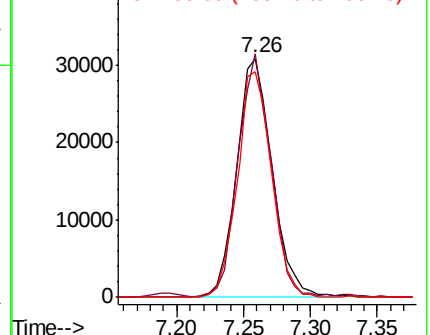
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.324 ng

RT: 7.29 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

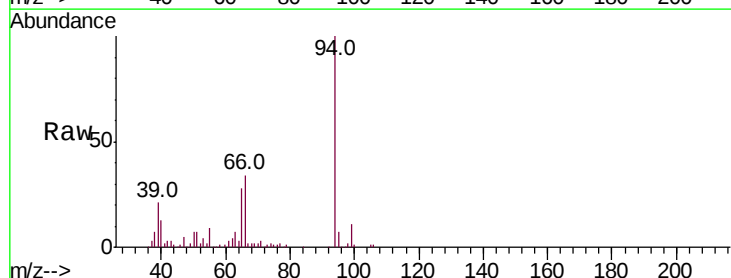
Tgt Ion: 94 Resp: 211373

Ion Ratio Lower Upper

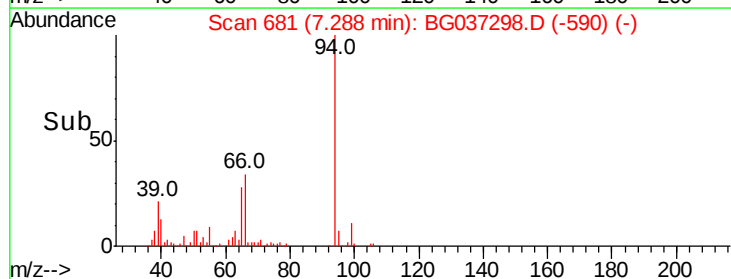
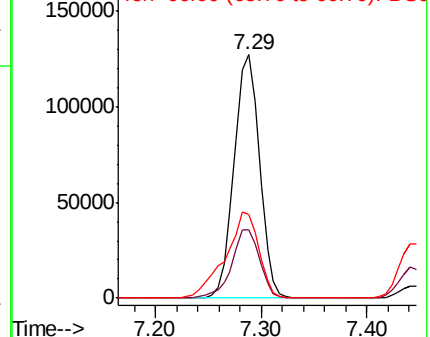
94 100

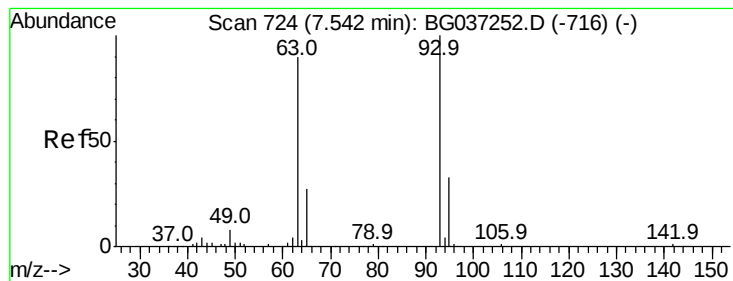
65 28.3 9.7 49.7

66 34.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





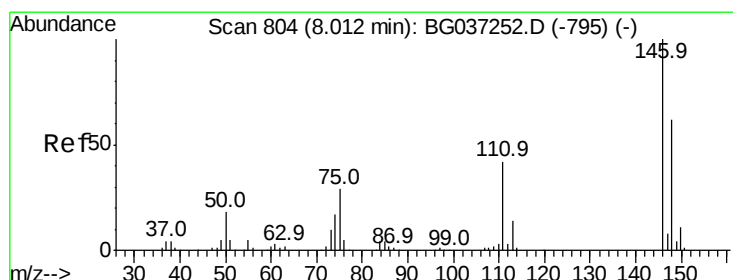
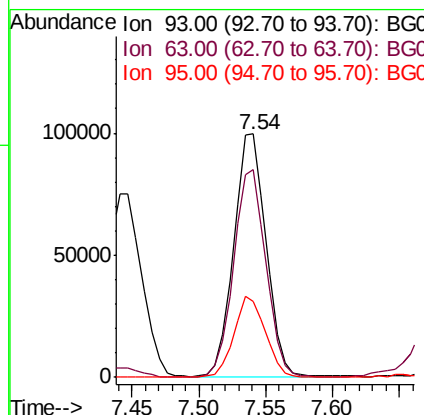
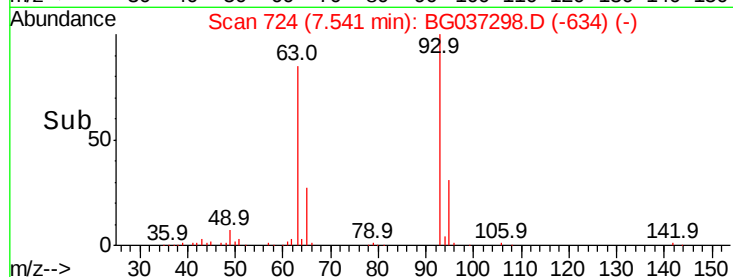
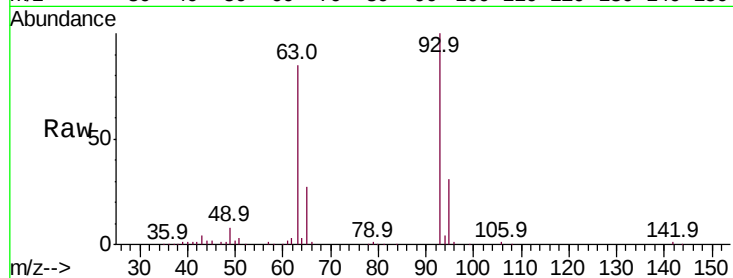
#11
bis(2-Chloroethyl)ether
Concen: 39.573 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.4	69.5	109.5
95	31.4	12.6	52.6

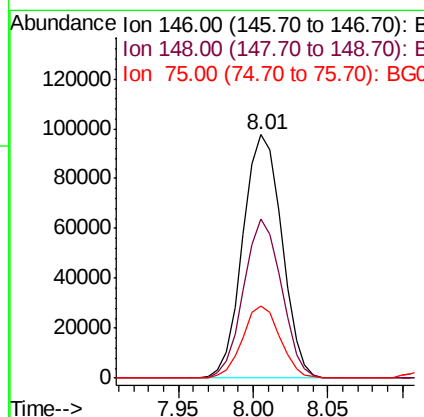
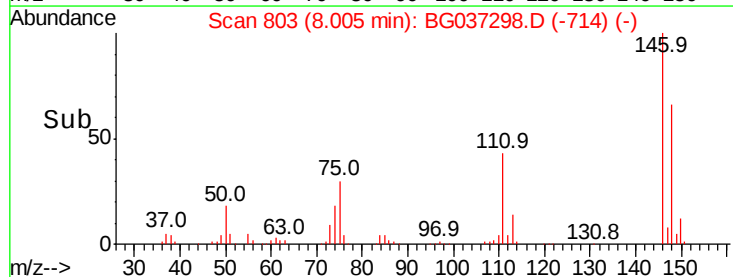
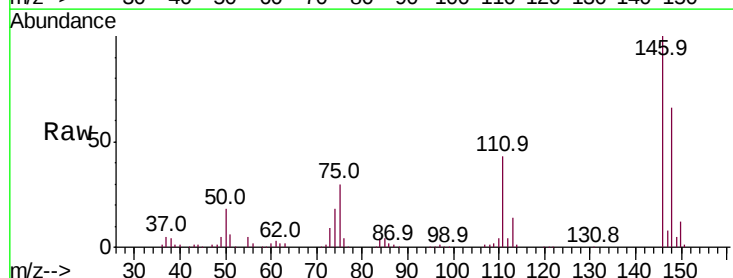
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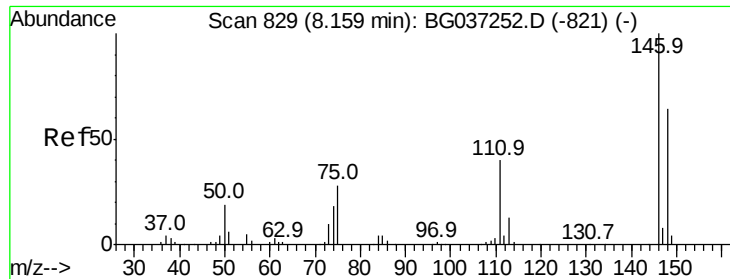
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#12
1,3-Dichlorobenzene
Concen: 39.179 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.8	74.8
75	29.7	23.2	34.8





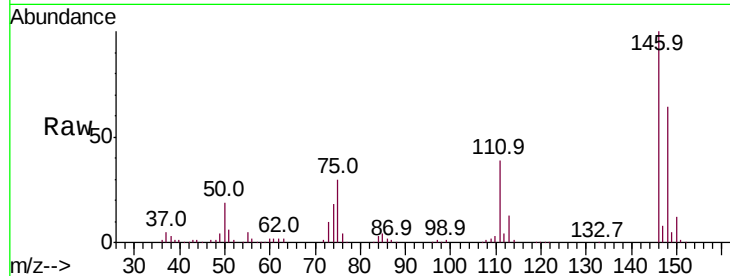
#13
 1,4-Dichlorobenzene
 Concen: 39.308 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampled :
 SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	39.4	32.4	48.6

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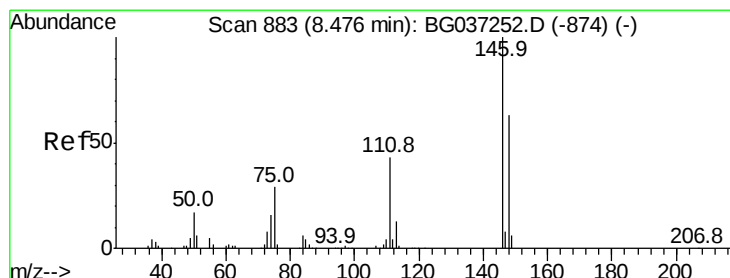
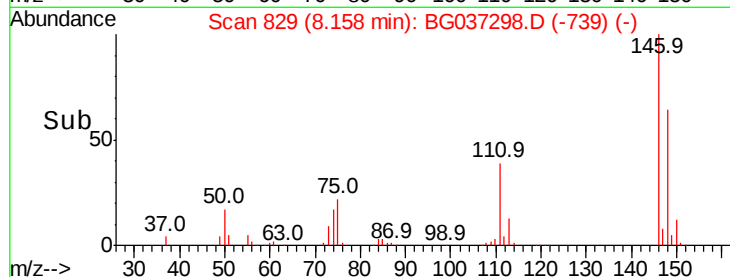
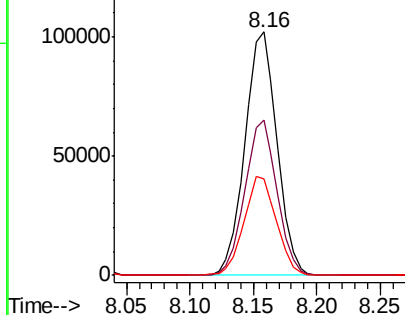


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.073 ng
 RT: 8.48 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

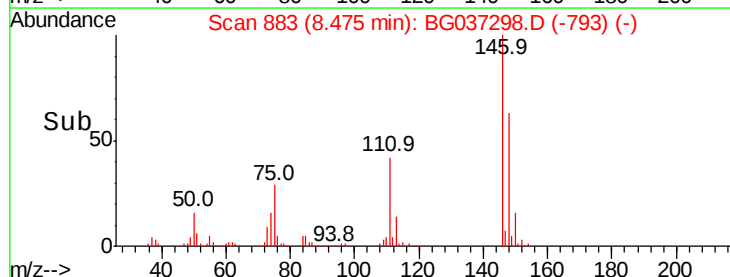
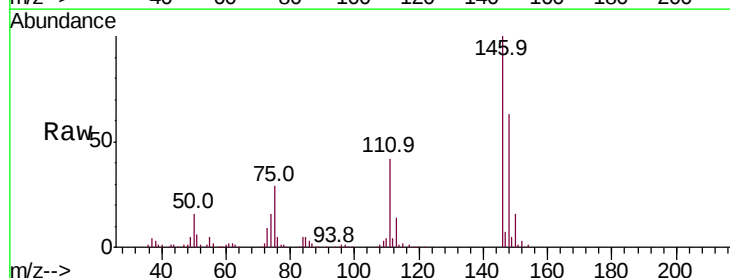
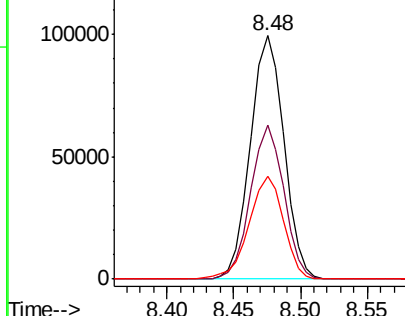
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.1	34.6	51.8

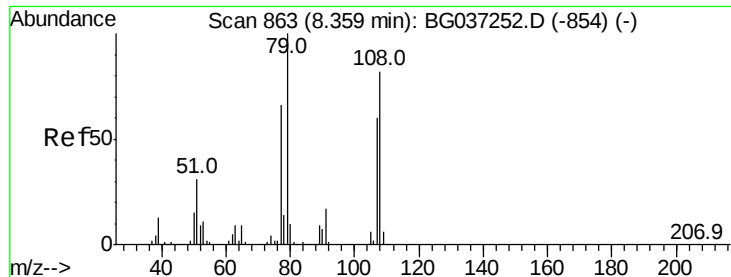
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.407 ng

RT: 8.36 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

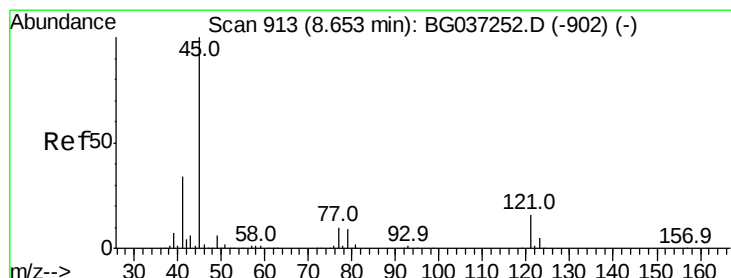
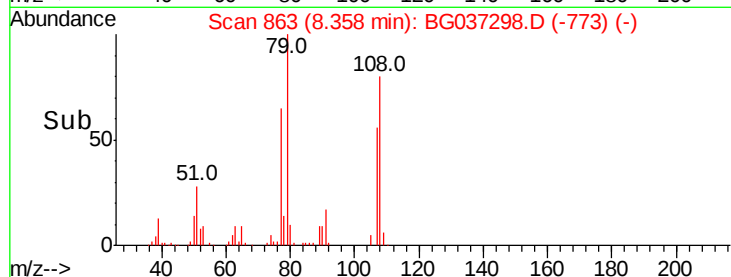
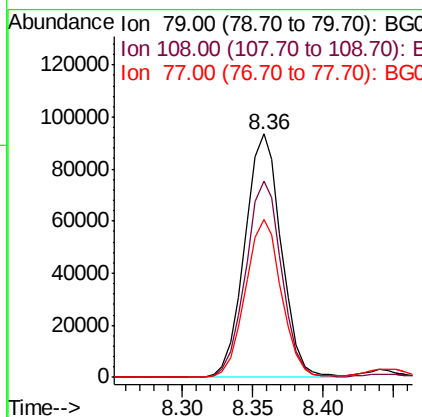
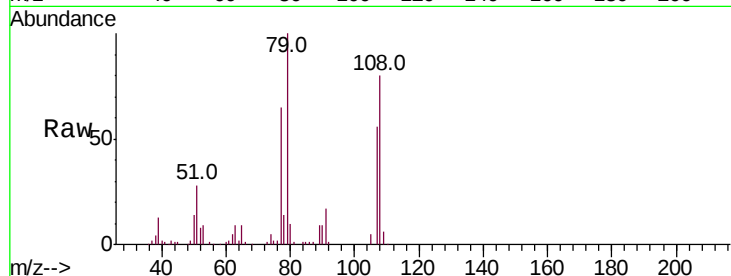
ClientSampleId :

SOIL-DRUMMS

Tot Ion:	79	Resp:	168987
Ion Ratio	Lower	Upper	
79	100		
108	80.5	65.8	98.8
77	64.7	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.812 ng

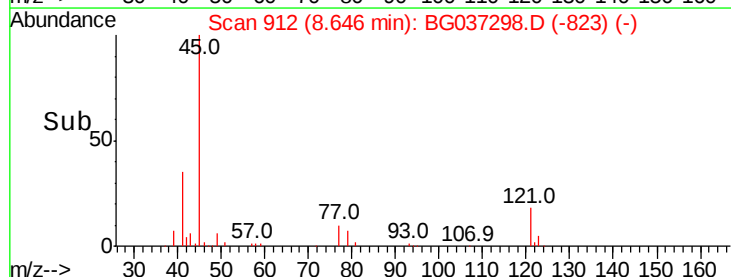
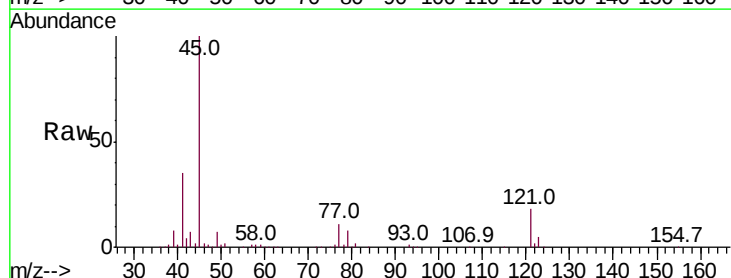
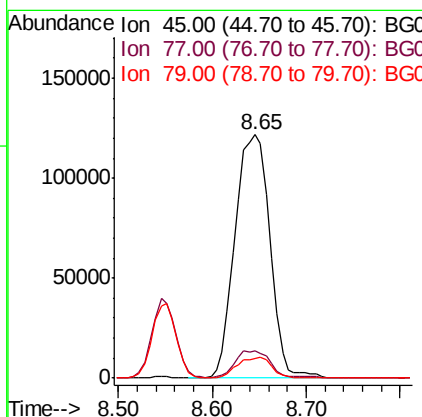
RT: 8.65 min Scan# 912

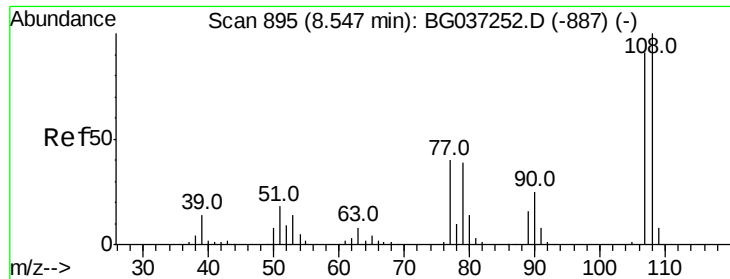
Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	45	Resp:	311643
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.0
79	8.1	0.0	29.0





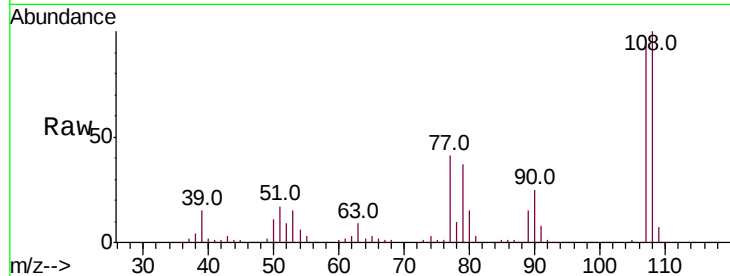
#17
2-Methylphenol
Concen: 44.988 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

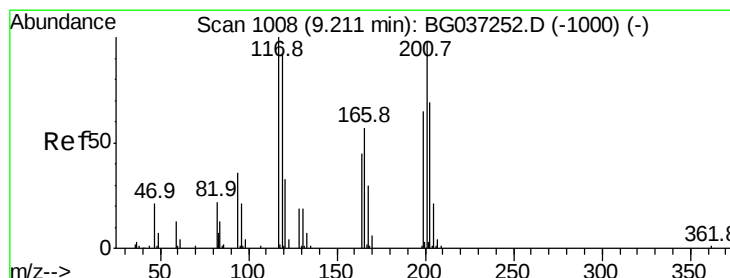
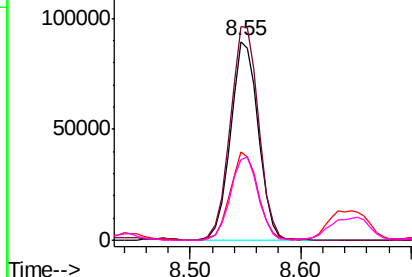
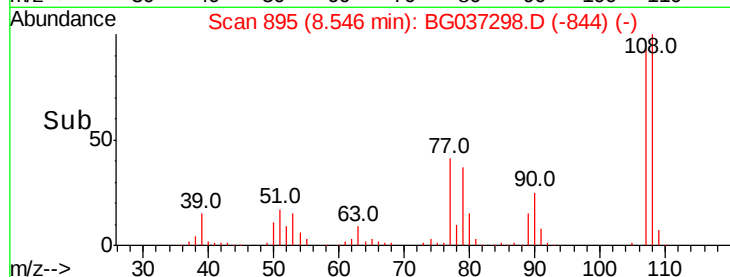
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	87.9	131.9	
77	44.5	35.1	52.7	
79	40.3	34.5	51.7	

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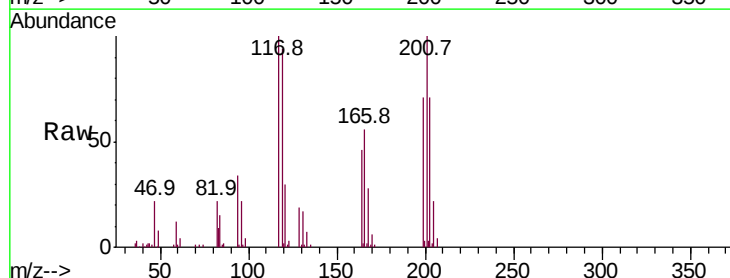


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

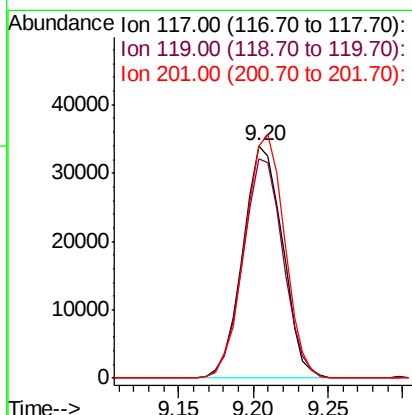
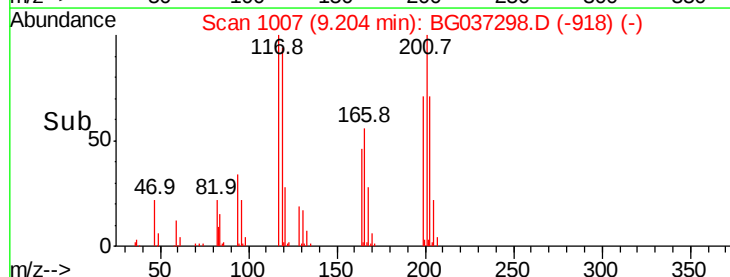


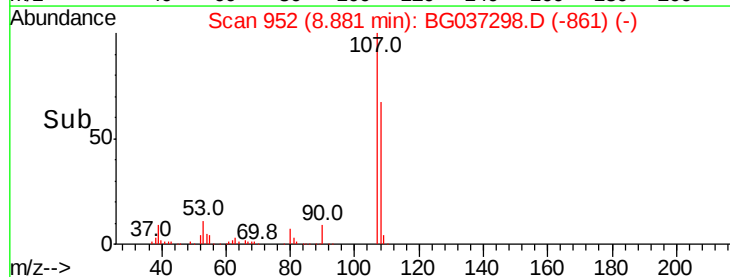
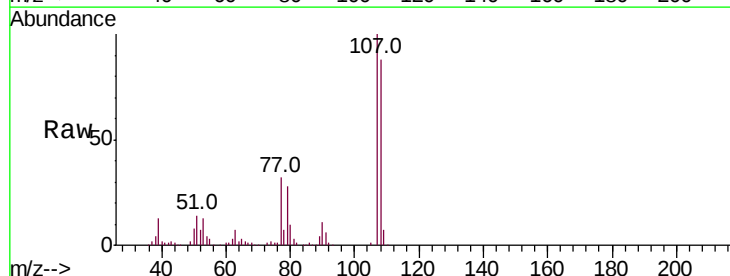
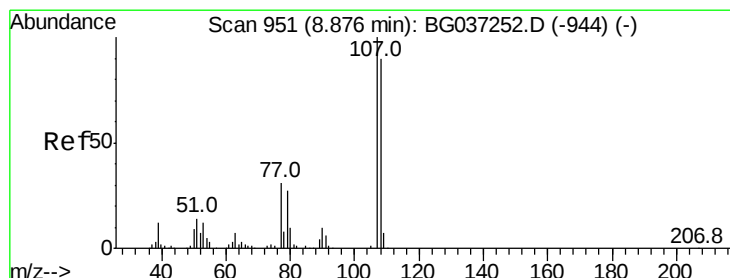
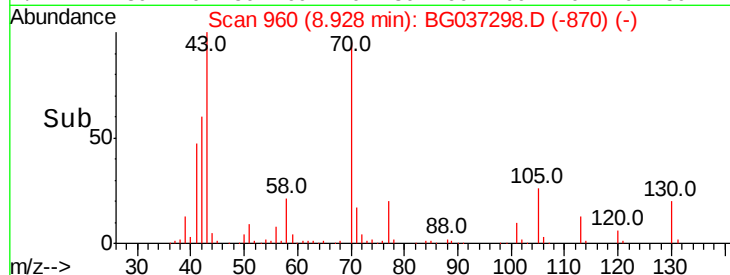
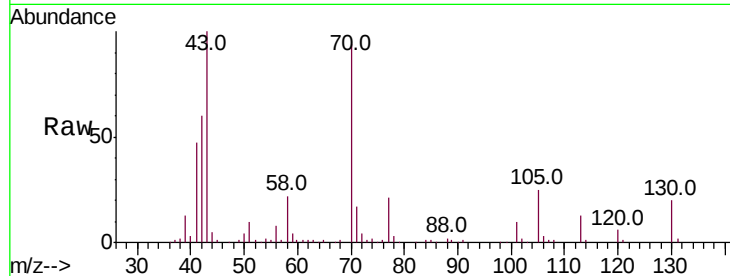
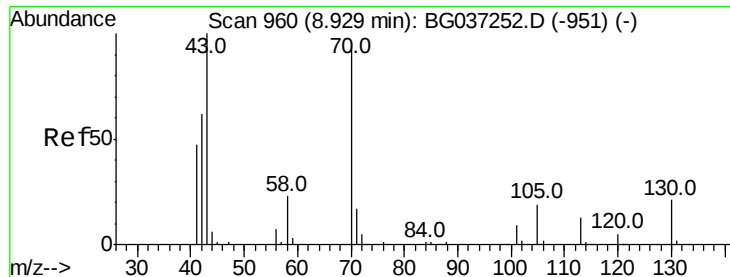
#18
Hexachloroethane
Concen: 40.045 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	74.6	111.8	
201	102.8	80.8	121.2	



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.820 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

Tot Ion: 70 Resp: 142510

Ion Ratio Lower Upper

70 100

42 63.7 53.9 80.9

101 10.7 8.2 12.2

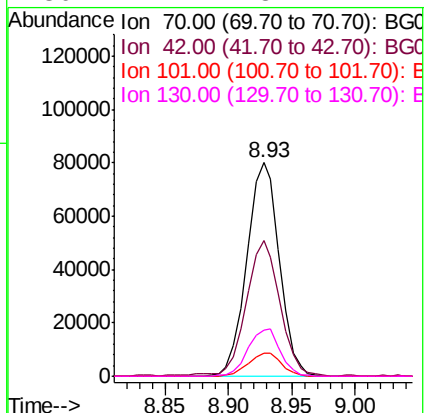
130 21.4 18.2 27.4

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#20

3+4-Methylphenols

Concen: 43.785 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion: 107 Resp: 214926

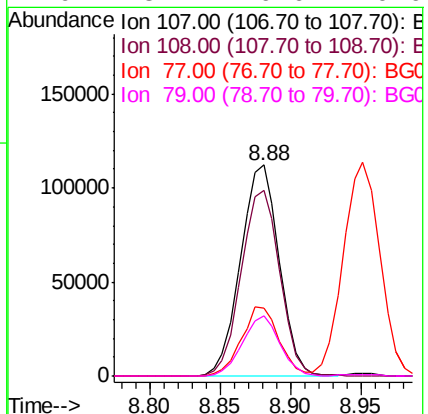
Ion Ratio Lower Upper

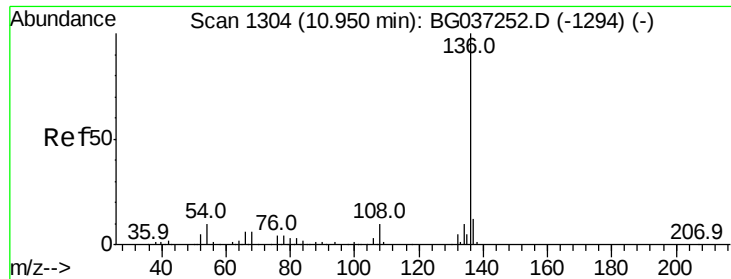
107 100

108 88.3 69.9 109.9

77 32.1 11.2 51.2

79 28.4 6.6 46.6





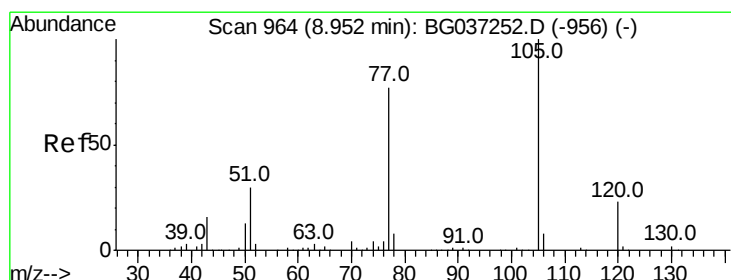
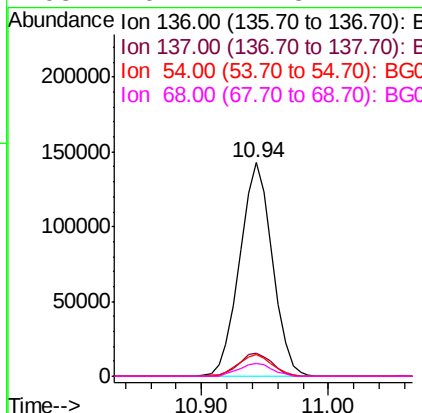
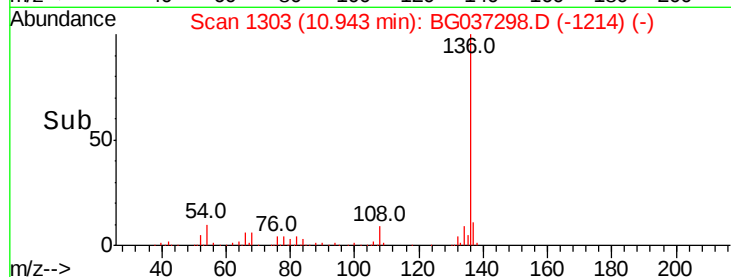
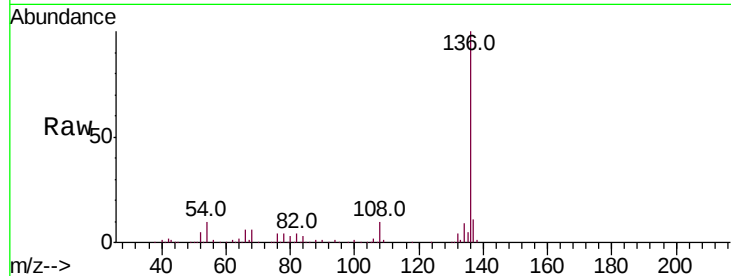
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	255261		
137	11.0		9.6	14.4
54	10.4		7.9	11.9
68	6.2		4.8	7.2

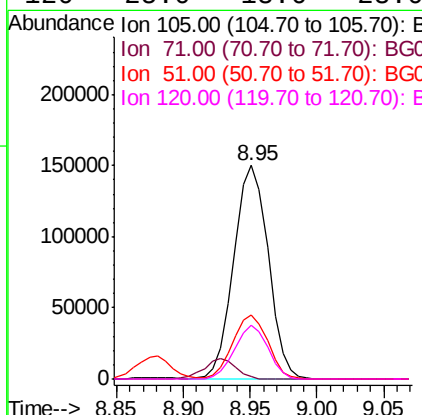
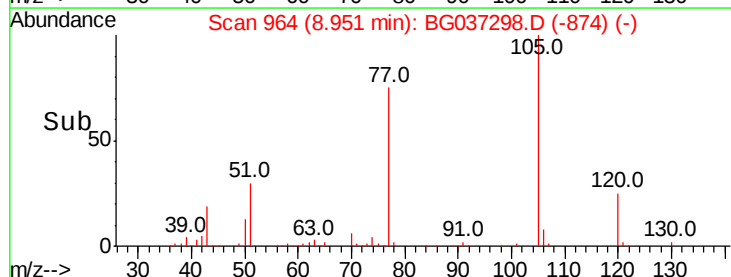
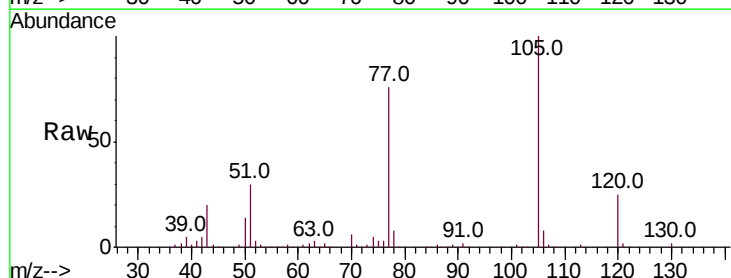
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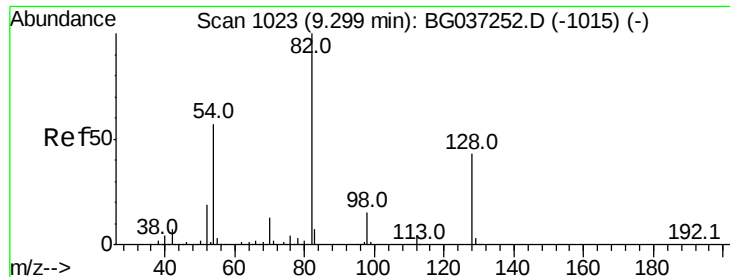
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#22
Acetophenone
Concen: 41.955 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269966		
71	1.1		1.2	1.8#
51	30.0		25.0	37.6
120	25.0		18.6	28.0





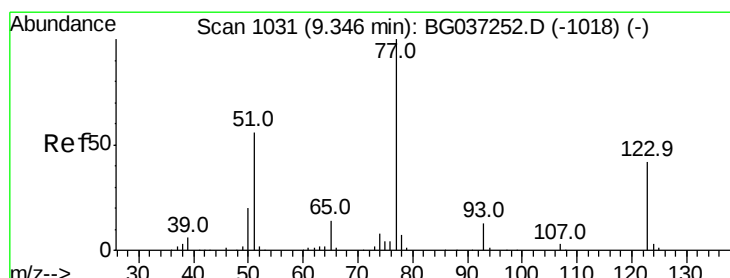
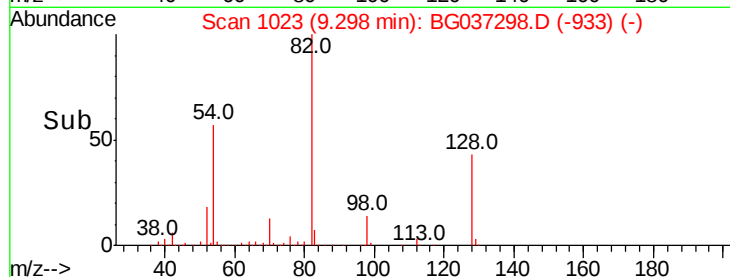
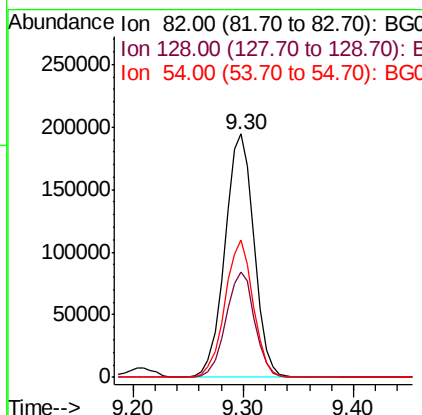
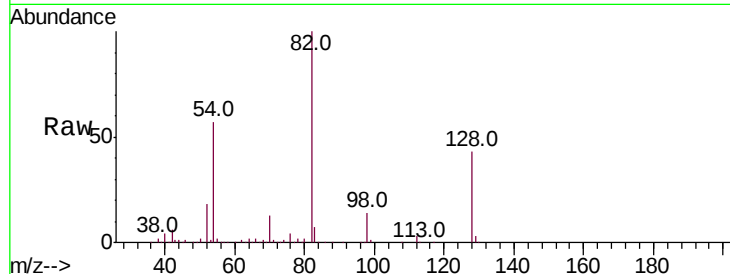
#23
 Nitrobenzene-d5
 Concen: 92.001 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	56.6	45.3	67.9

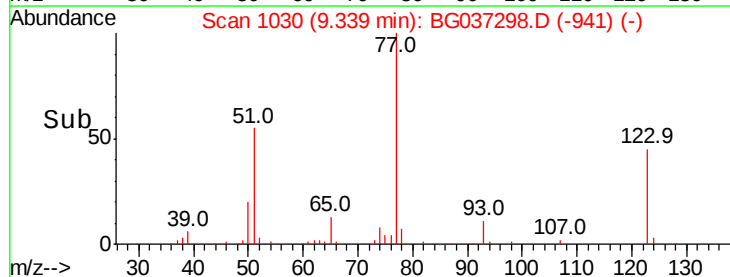
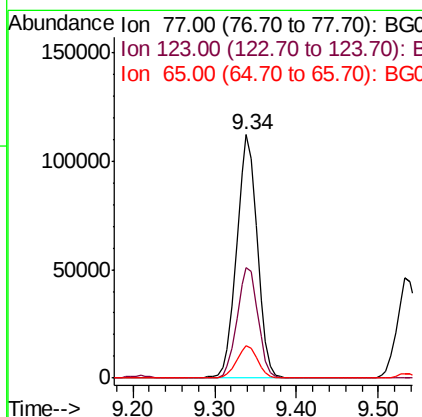
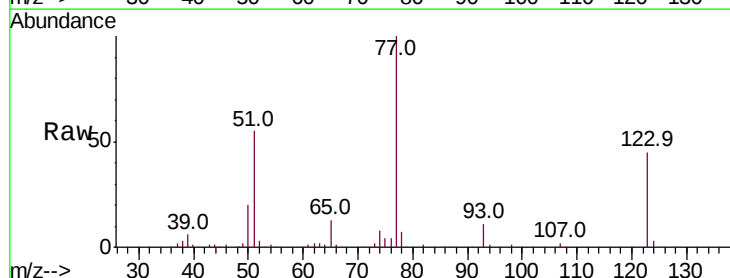
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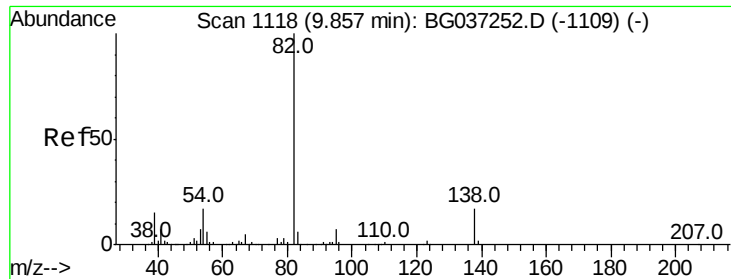
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#24
 Nitrobenzene
 Concen: 47.281 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.6	50.4
65	13.2	11.3	16.9





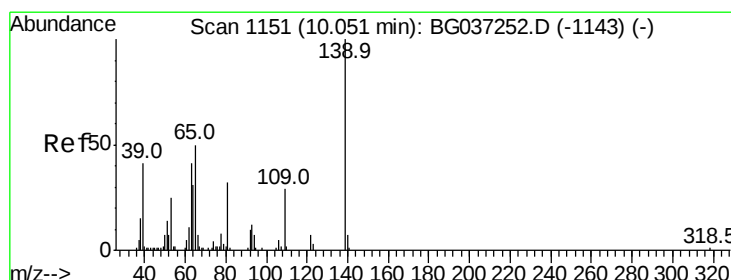
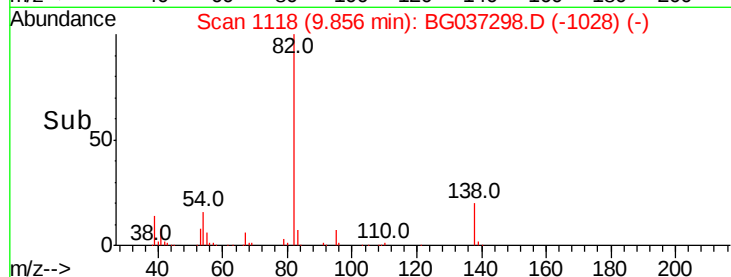
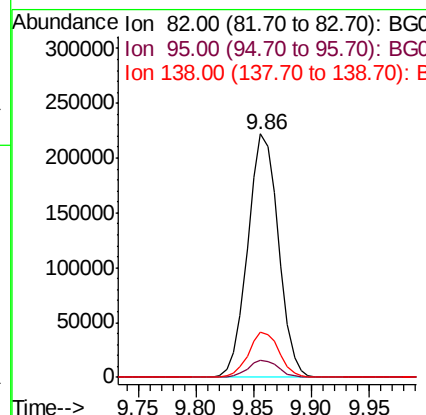
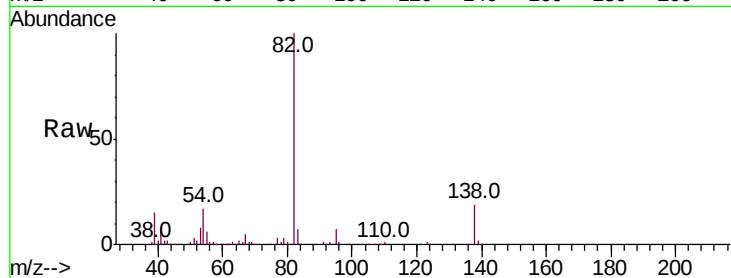
#25
Isophorone
Concen: 46.319 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.3	7.9
138	18.8	13.3	19.9

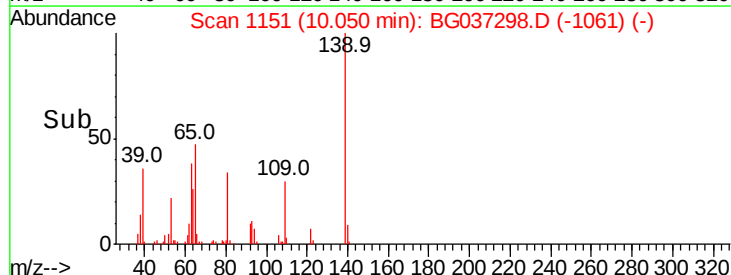
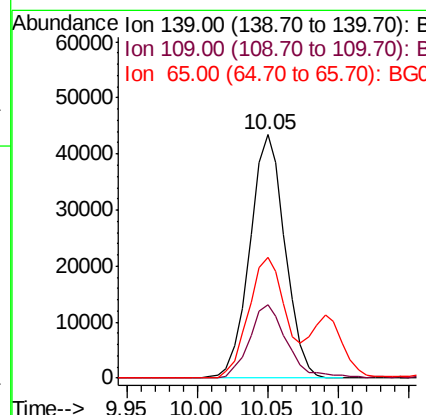
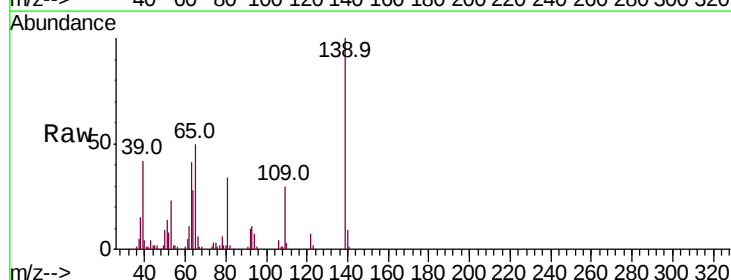
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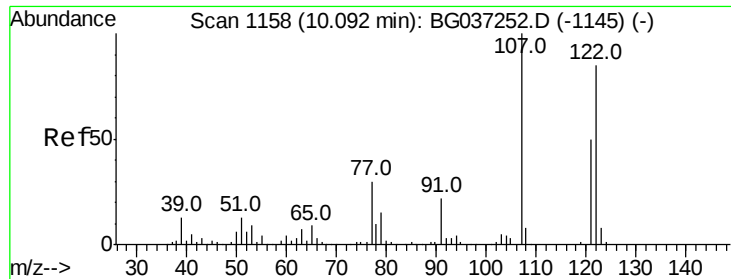
Sohil
10/15/2018 12:59:10 PM



#26
2-Nitrophenol
Concen: 48.740 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.0	23.3	34.9
65	49.5	39.8	59.8





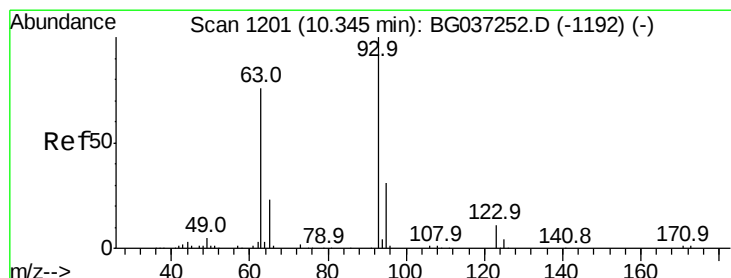
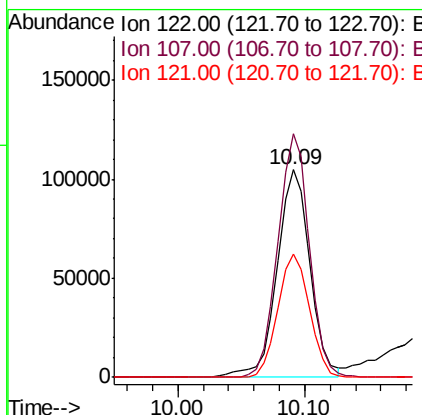
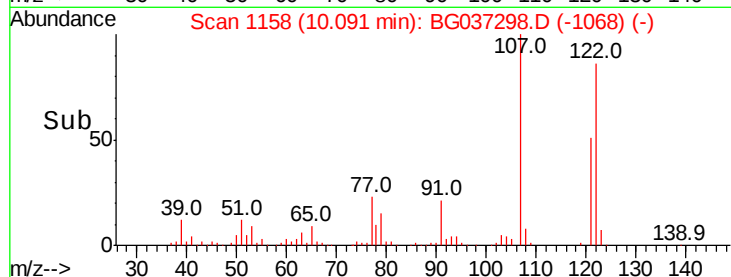
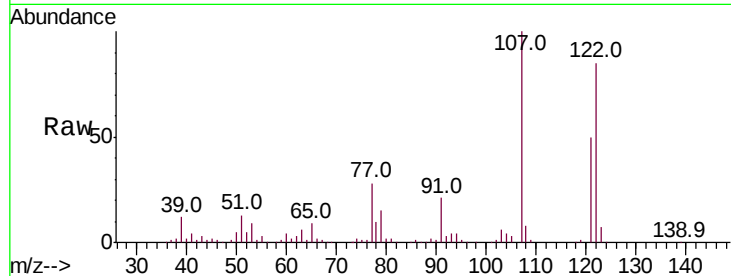
#27
2,4-Dimethylphenol
Concen: 50.986 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	94.2	141.2
121	59.2	47.3	70.9

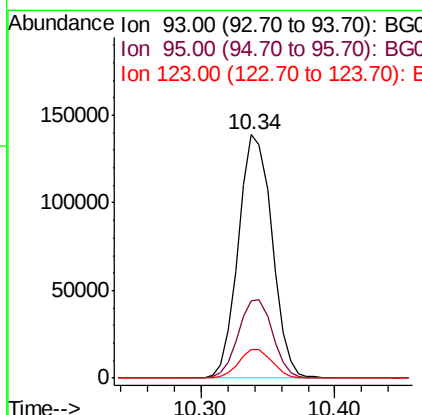
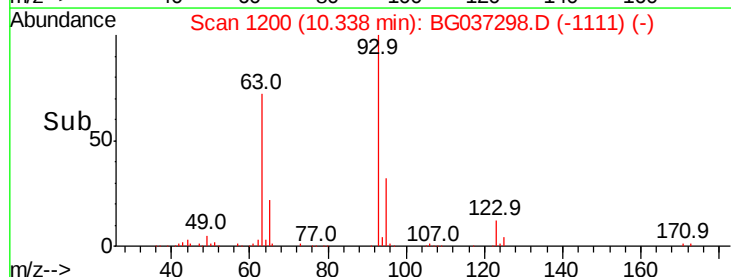
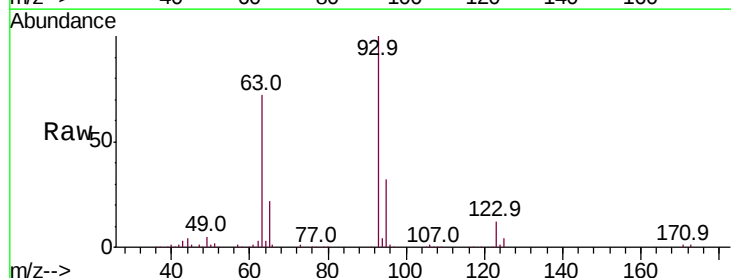
Manual Integrations
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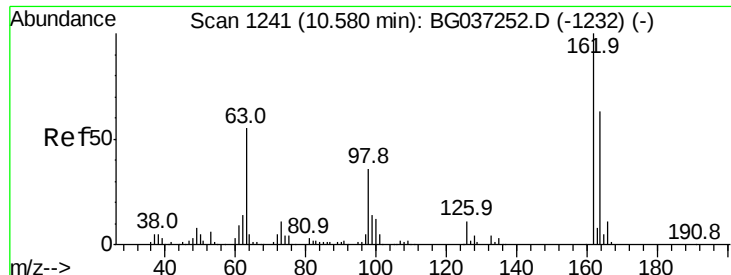
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.858 ng
RT: 10.34 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.6	37.0
123	11.7	9.1	13.7





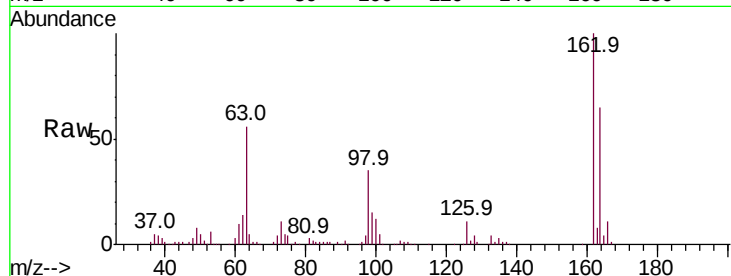
#29
 2,4-Dichlorophenol
 Concen: 48.657 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

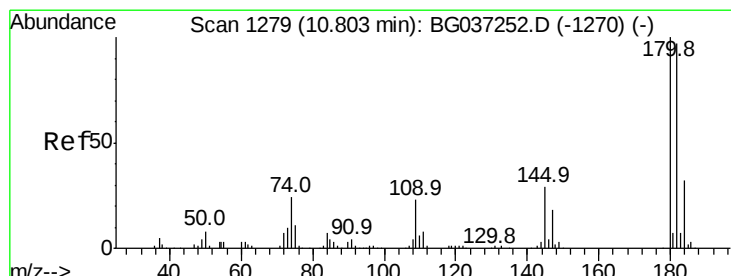
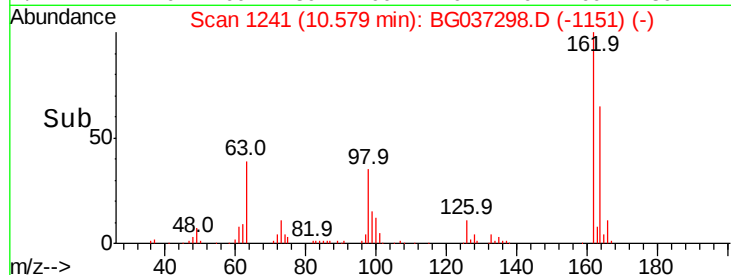
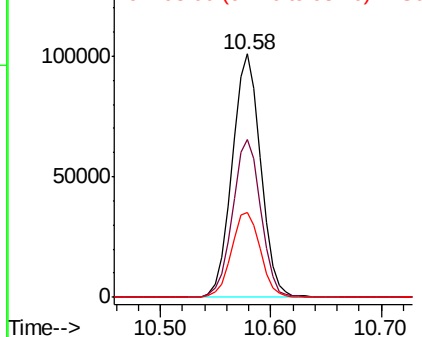
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	43.2	83.2
98	35.0	16.0	56.0

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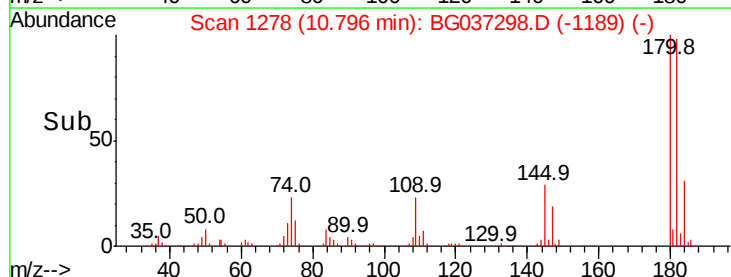
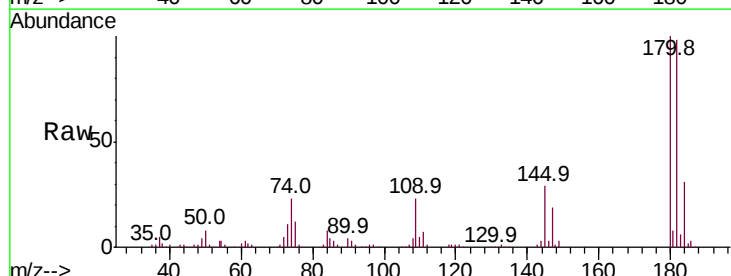
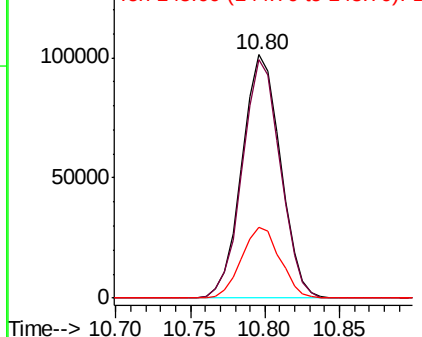
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

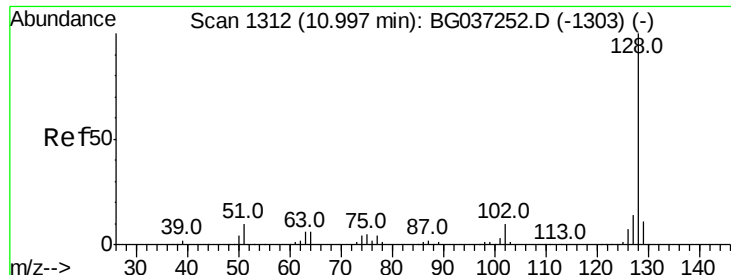


#30
 1,2,4-Trichlorobenzene
 Concen: 39.543 ng
 RT: 10.80 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.2	77.7	116.5
145	29.3	23.3	34.9

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





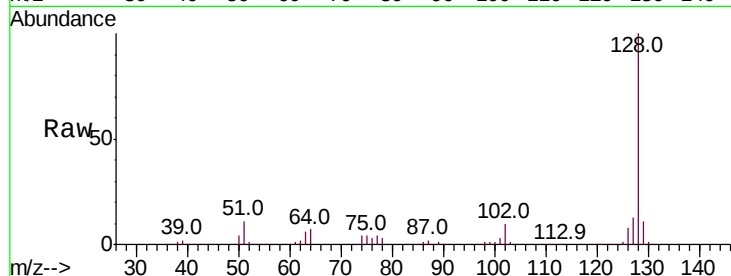
#31
Naphthalene
Concen: 45.483 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	11.1	16.7

Manual Integrations
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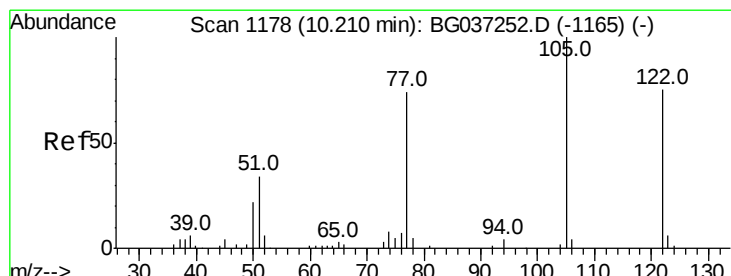
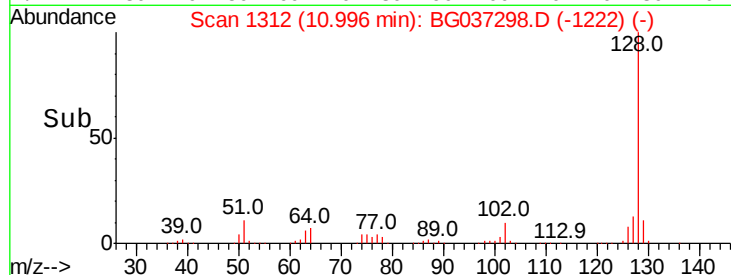
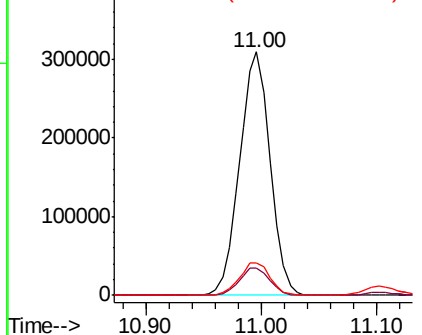


Abundance

Ion 128.00 (127.70 to 128.70): E

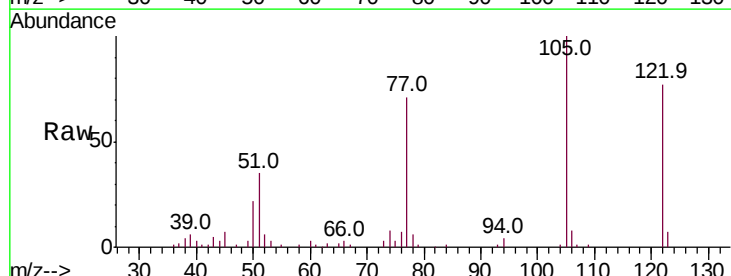
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.214 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	106.7	146.7
77	91.8	72.2	112.2

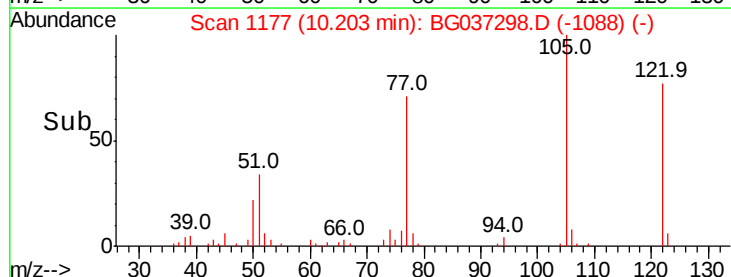
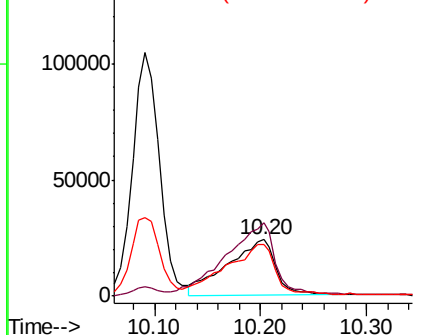


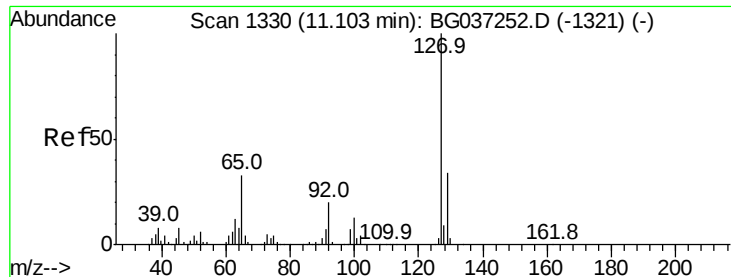
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





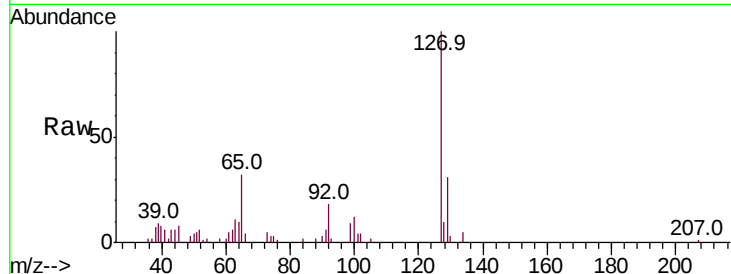
#33
4-Chloroaniline
Concen: 3.974 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.5	27.1	40.7	
65	32.5	26.6	39.8	
92	17.8	16.4	24.6	

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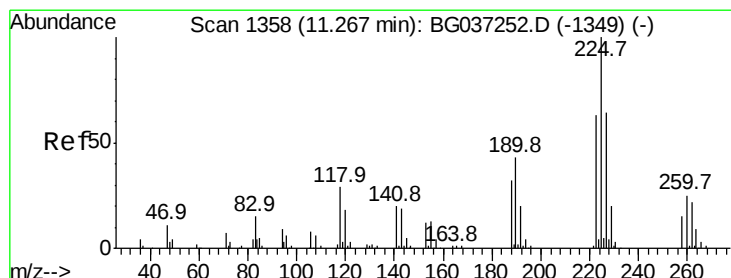
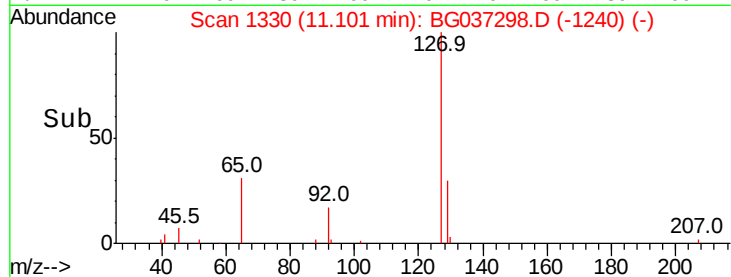
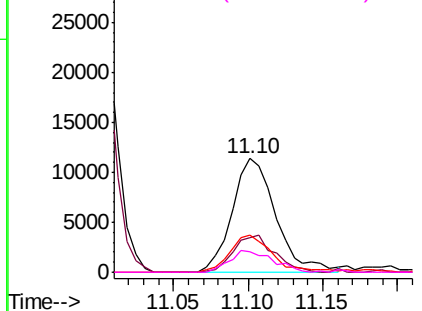
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

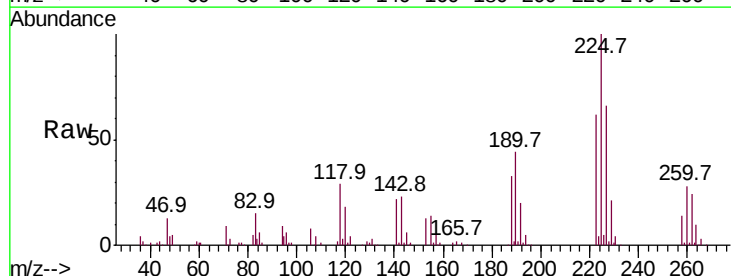
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.744 ng
RT: 11.26 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	48.2	72.4	
227	64.9	51.6	77.4	

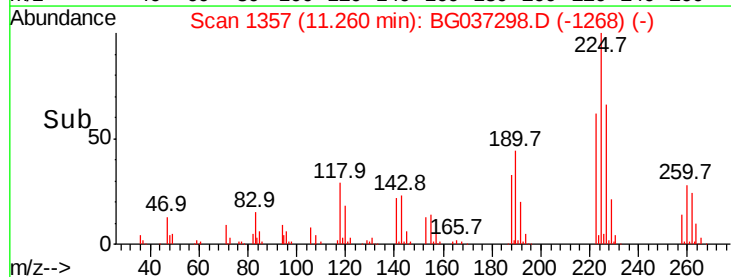
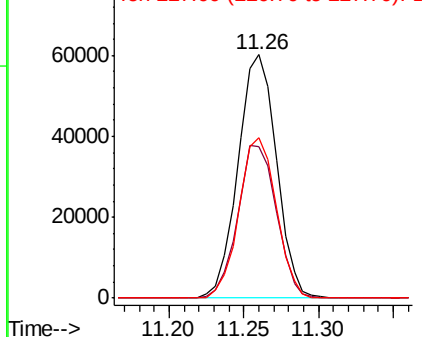


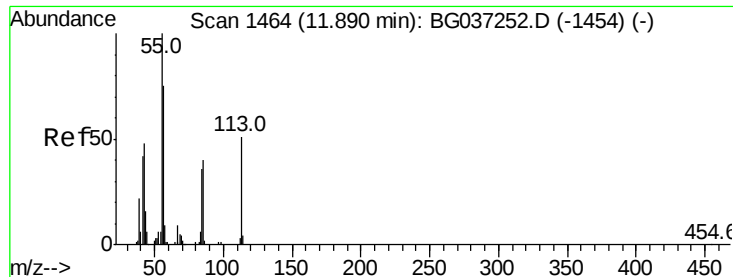
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.361 ng/ml

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

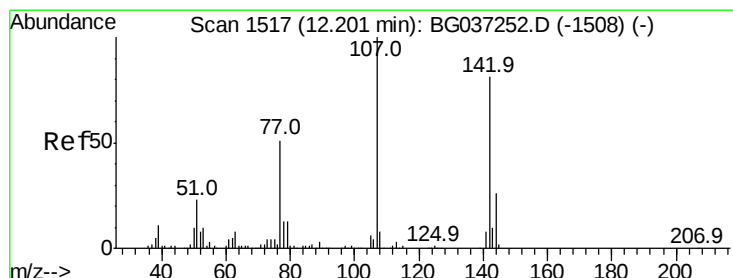
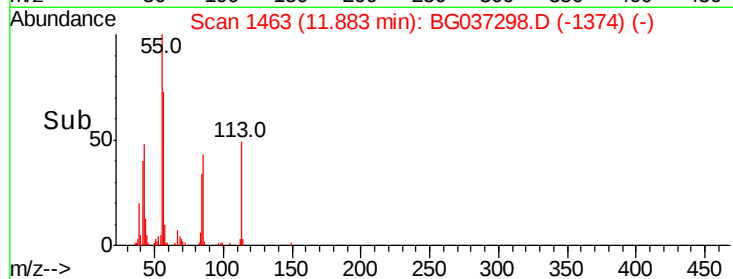
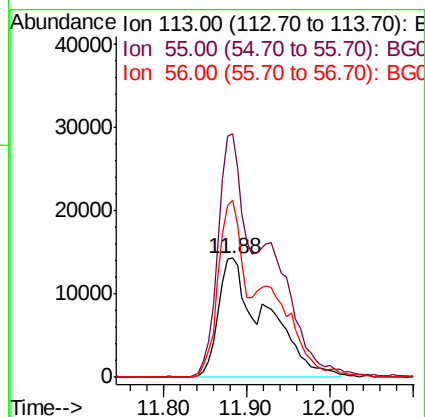
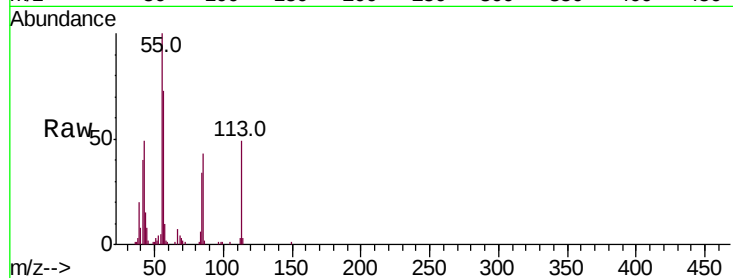
ClientSampleId :

SOIL-DRUMMS

Tot Ion:	113	Resp:	57279
Ion	Ratio	Lower	Upper
113	100		
55	203.9	176.6	216.6
56	148.2	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 45.790 ng/ml

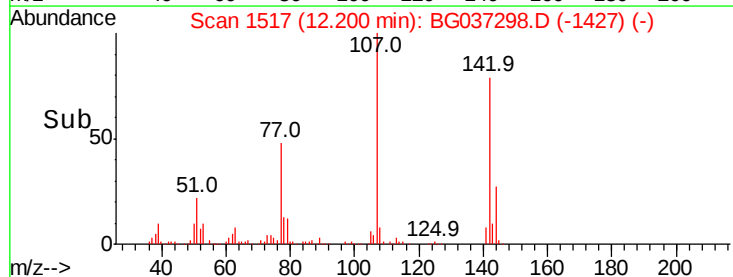
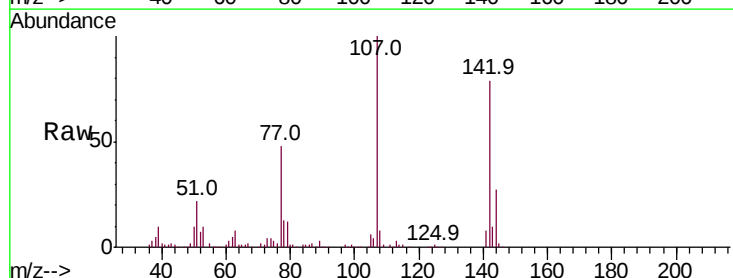
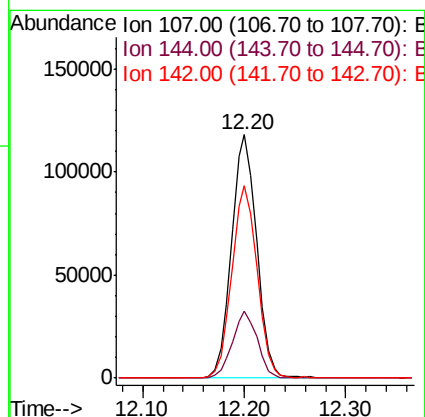
RT: 12.20 min Scan# 1517

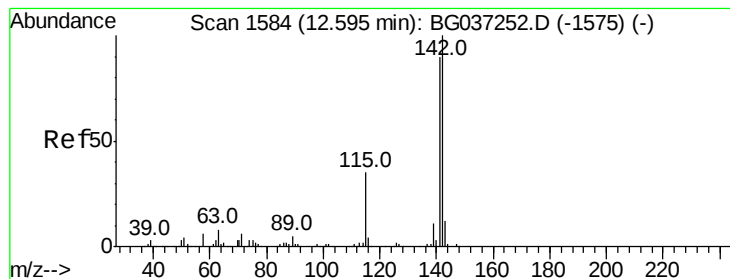
Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	107	Resp:	203374
Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.7	31.1
142	79.1	64.4	96.6





#37

2-Methylnaphthalene

Concen: 46.461 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

Tot Ion:142 Resp: 420628

Ion Ratio Lower Upper

142 100

141 92.4 71.9 107.9

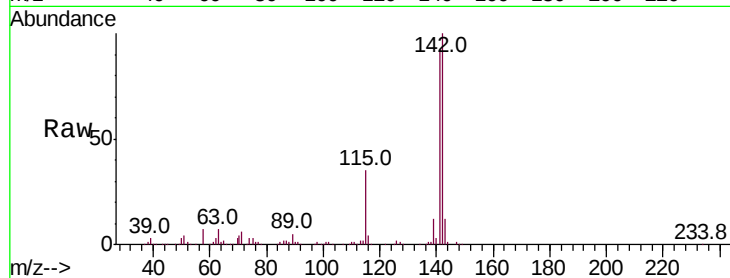
115 35.3 27.8 41.8

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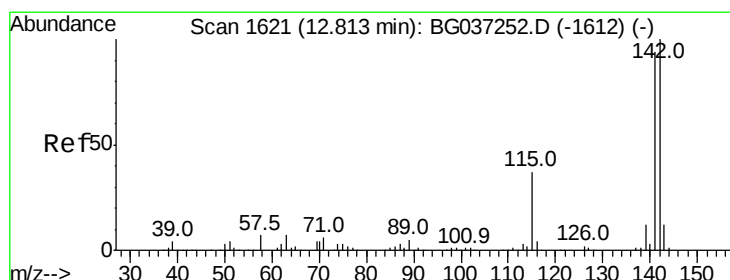
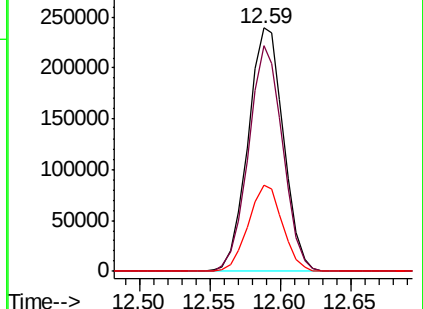
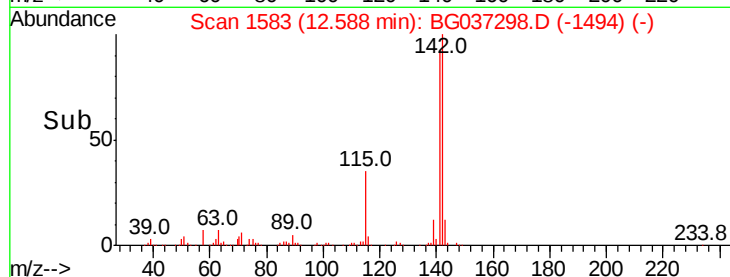
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.977 ng

RT: 12.81 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

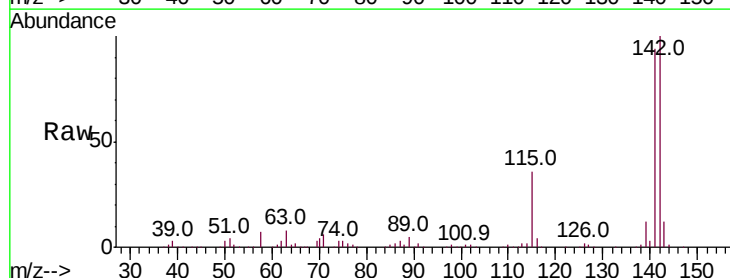
Tgt Ion:142 Resp: 397694

Ion Ratio Lower Upper

142 100

141 93.9 75.2 112.8

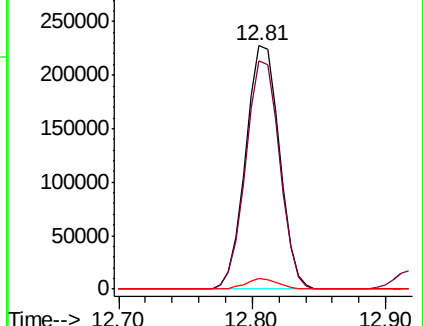
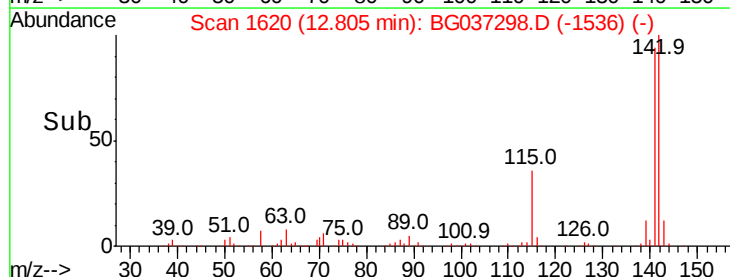
116 4.3 3.3 4.9

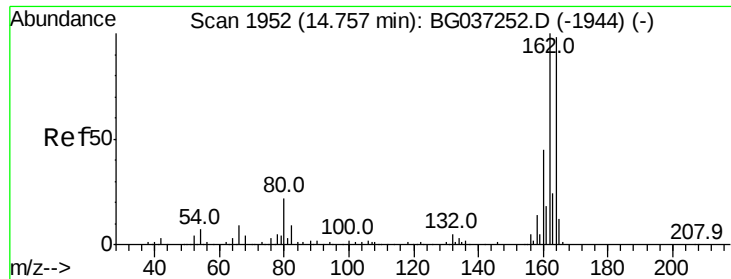


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





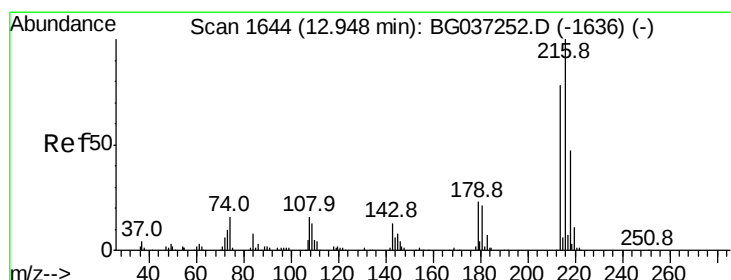
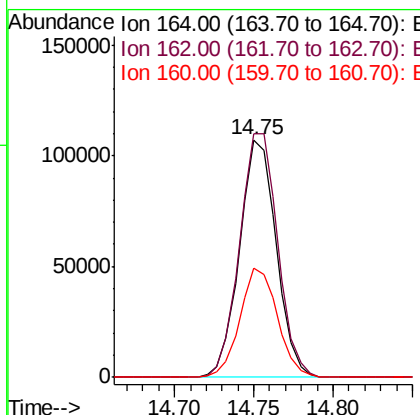
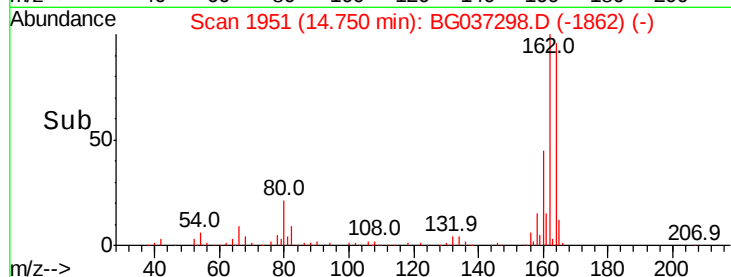
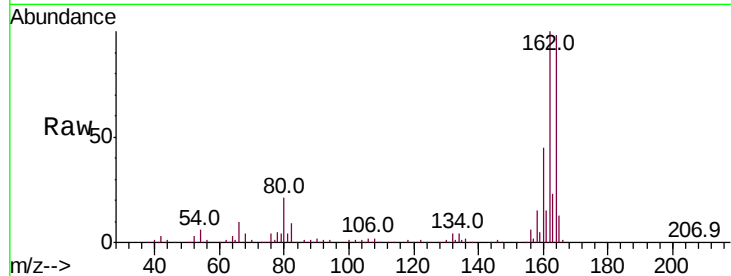
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	45.8	36.3	54.5

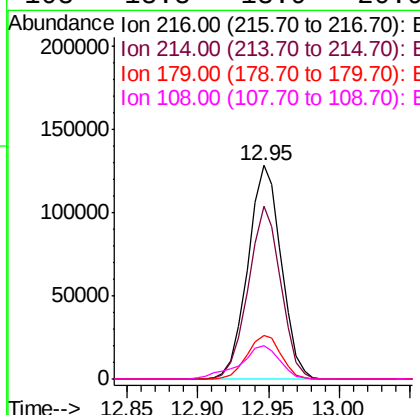
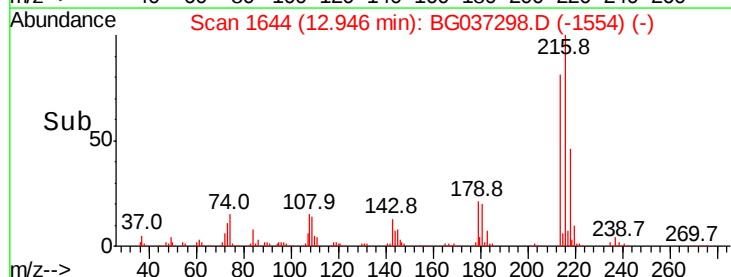
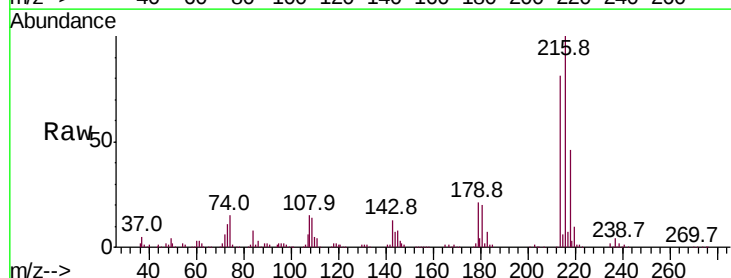
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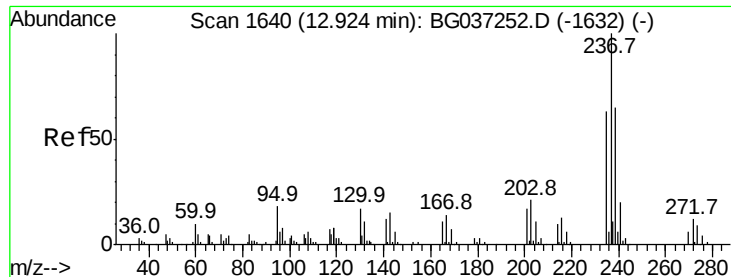
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.999 ng
RT: 12.95 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	20.8	17.4	26.0
108	18.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 97.031 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

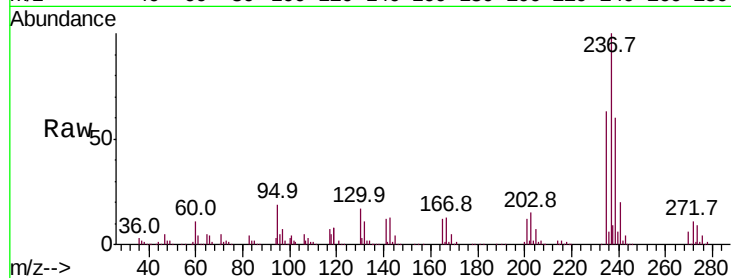
ClientSampleId :

SOIL-DRUMMS

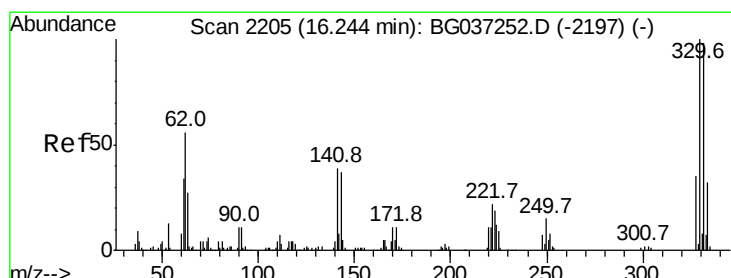
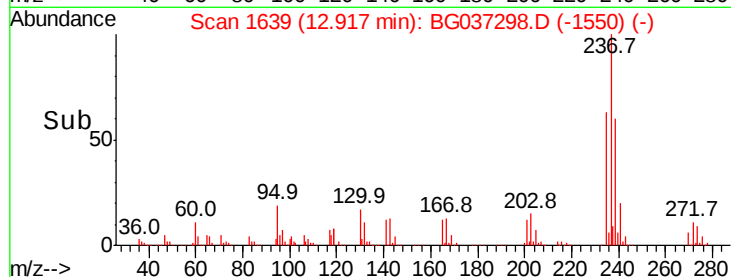
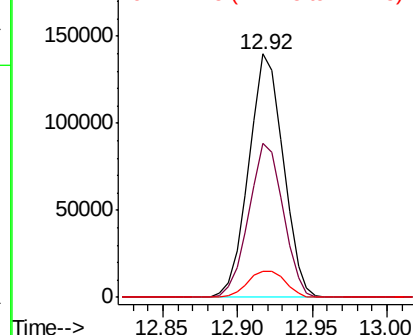
Tot Ion:	237	Resp:	22387
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.5	82.5
272	10.9	0.0	31.6

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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



#42

2,4,6-Tribromophenol

Concen: 123.313 ng

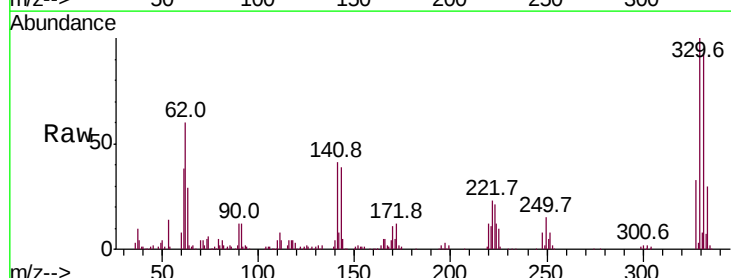
RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

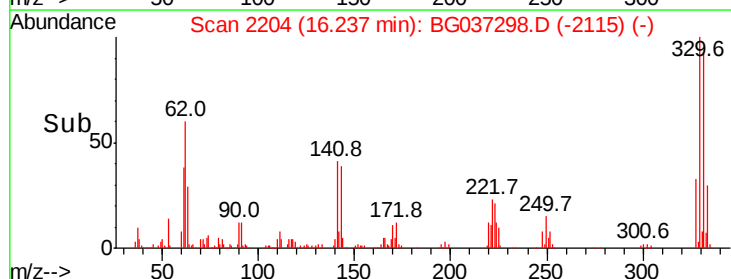
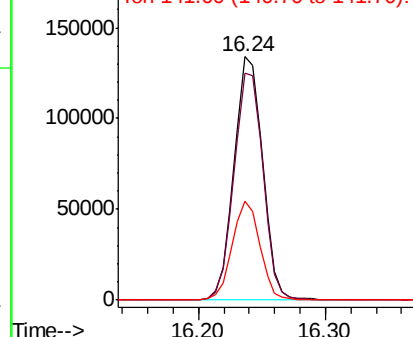
Lab File: BG037298.D

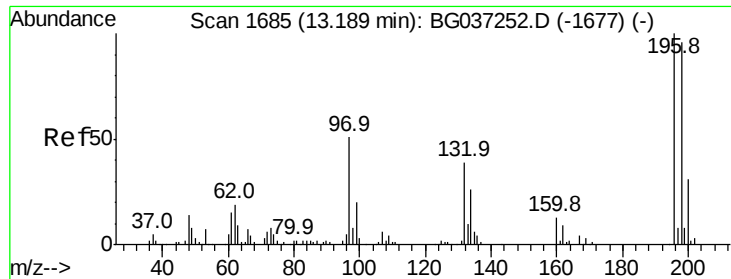
Acq: 12 Oct 2018 19:38

Tgt Ion:	330	Resp:	208549
Ion Ratio	Lower	Upper	
330	100		
332	95.1	78.4	117.6
141	39.6	32.2	48.2



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





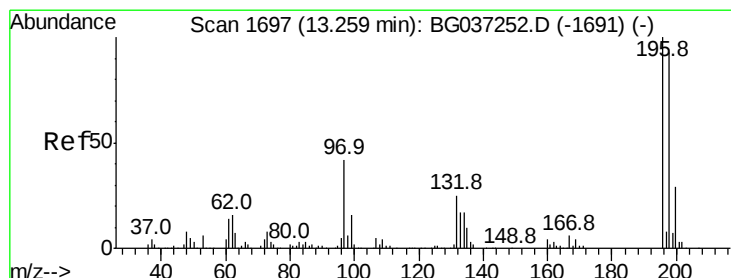
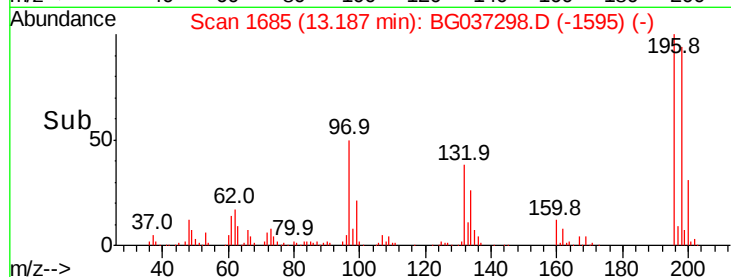
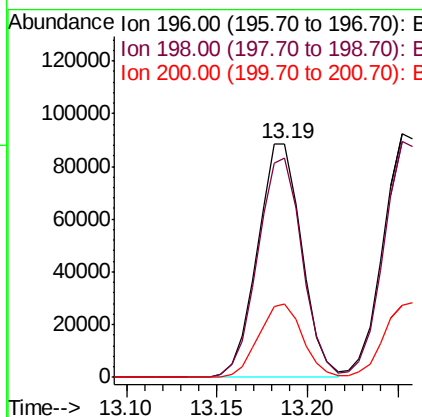
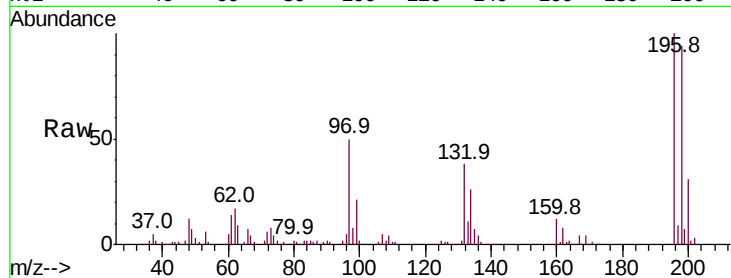
#43
 2,4,6-Trichlorophenol
 Concen: 46.437 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150441		
198	94.0	76.4	114.6	
200	31.4	24.9	37.3	

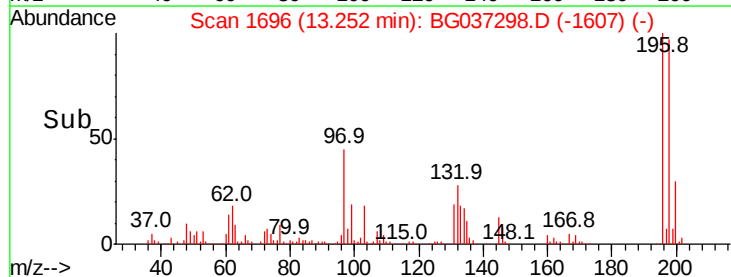
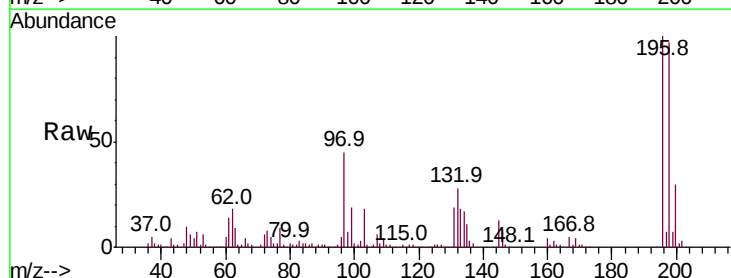
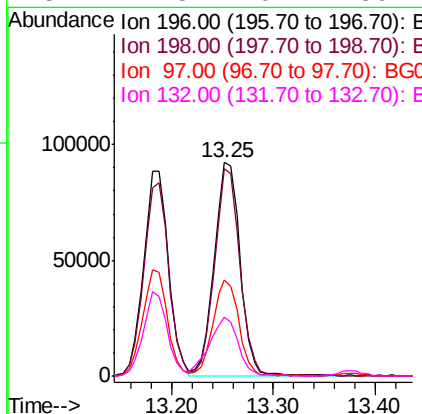
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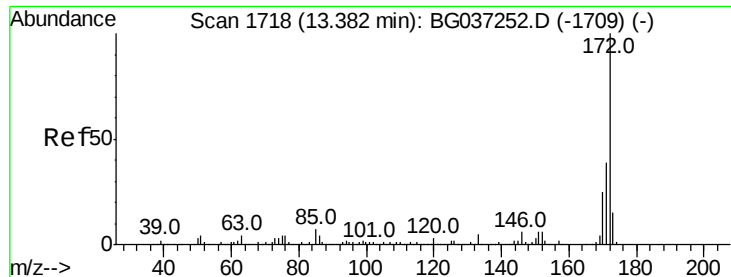
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#44
 2,4,5-Trichlorophenol
 Concen: 46.769 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163021		
198	97.1	74.2	111.2	
97	44.7	34.1	51.1	
132	27.8	20.2	30.4	





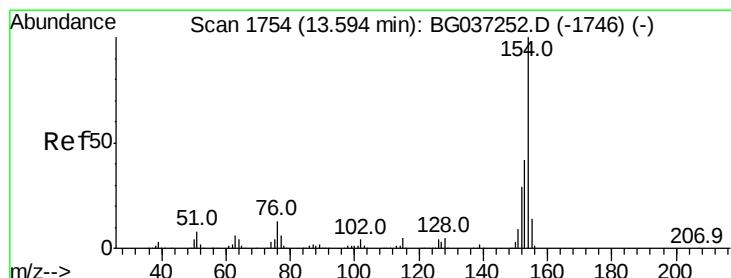
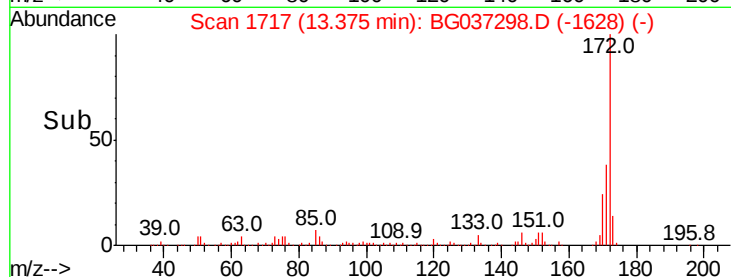
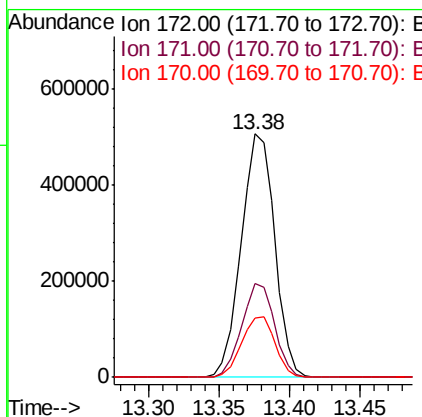
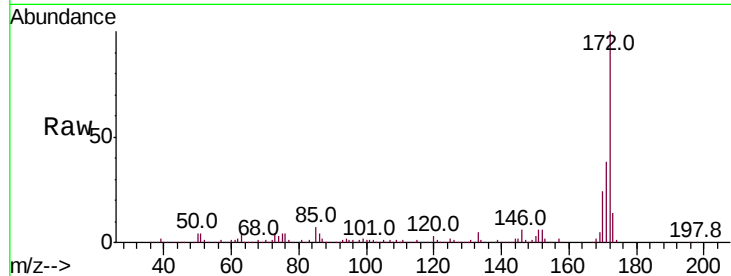
#45
2-Fluorobiphenyl
Concen: 73.428 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	843161		
171	38.5		31.0	46.4
170	24.4		20.2	30.2

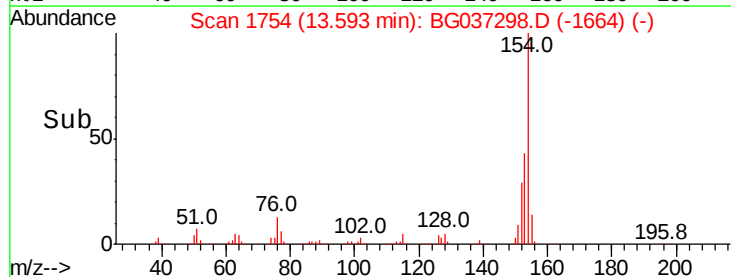
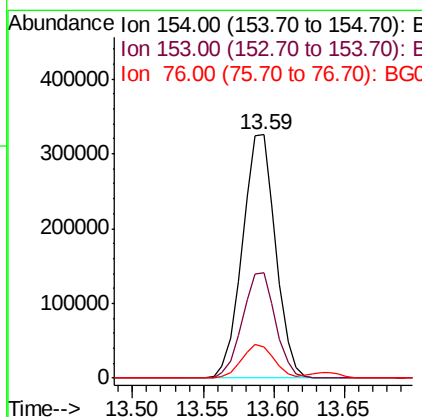
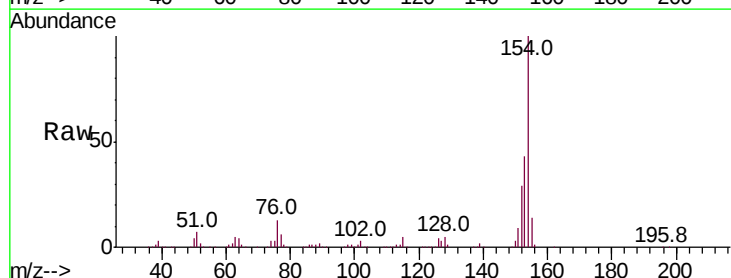
Manual Integrations
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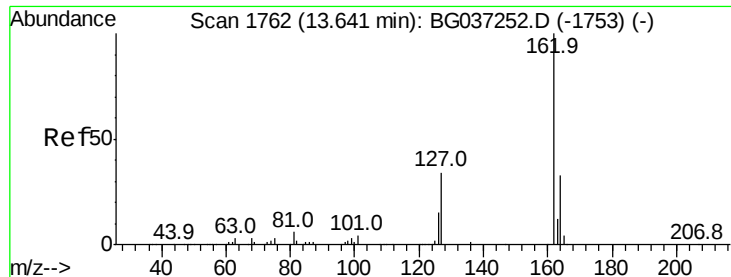
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#46
1,1'-Biphenyl
Concen: 37.780 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	535936		
153	43.4		22.1	62.1
76	12.9		0.0	33.2





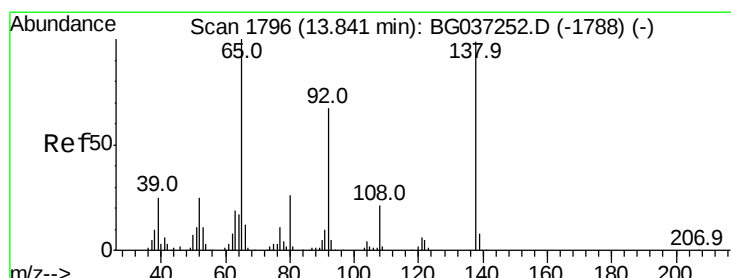
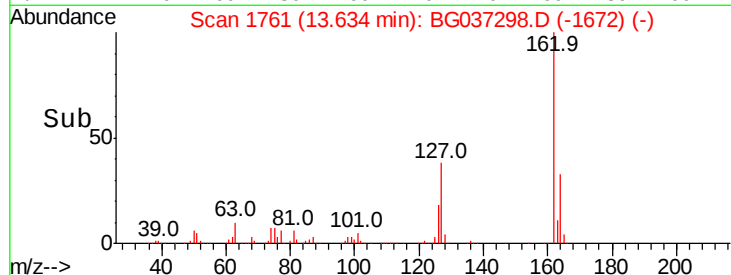
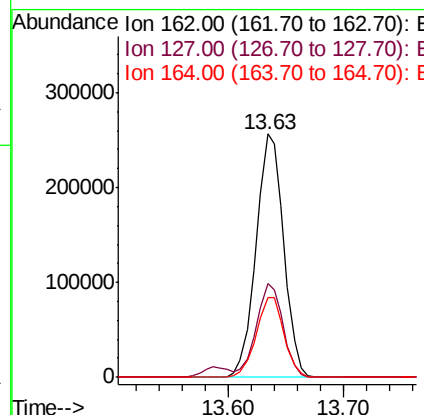
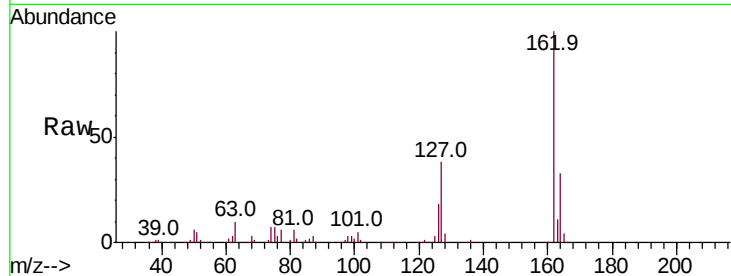
#47
2-Chloronaphthalene
Concen: 39.753 ng
RT: 13.63 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	30.5	45.7	
164	33.0	26.4	39.6	

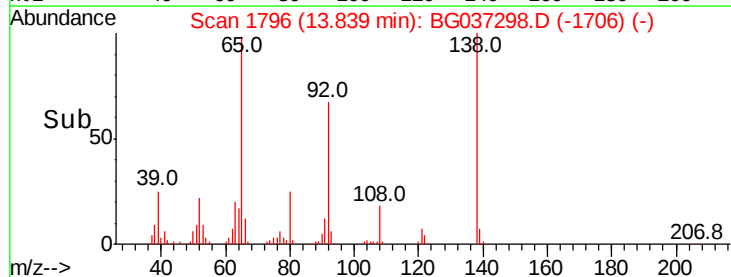
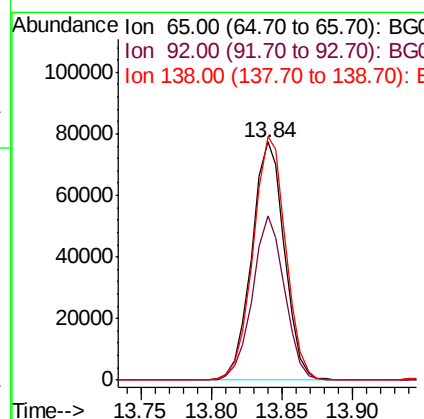
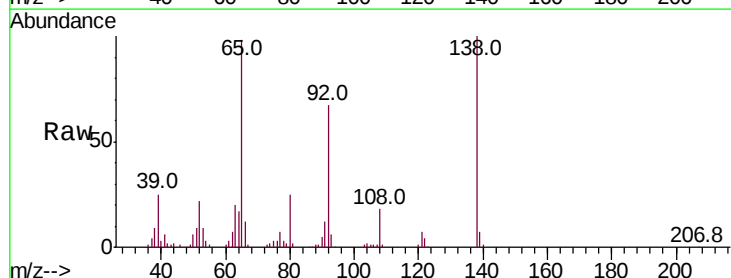
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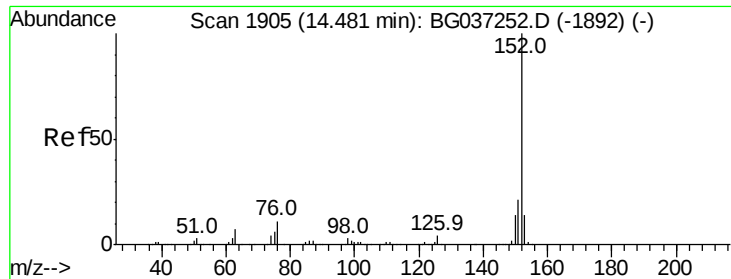
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#48
2-Nitroaniline
Concen: 43.871 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.0	53.2	79.8	
138	102.2	79.3	118.9	





#49

Acenaphthylene

Concen: 42.942 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

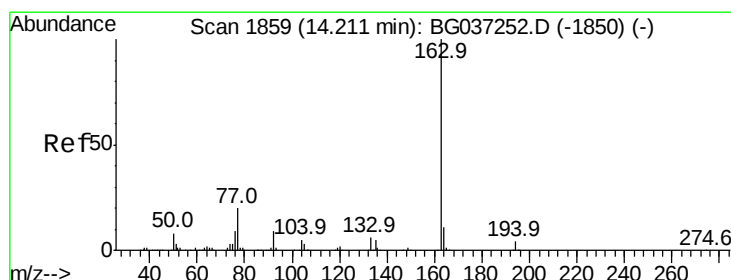
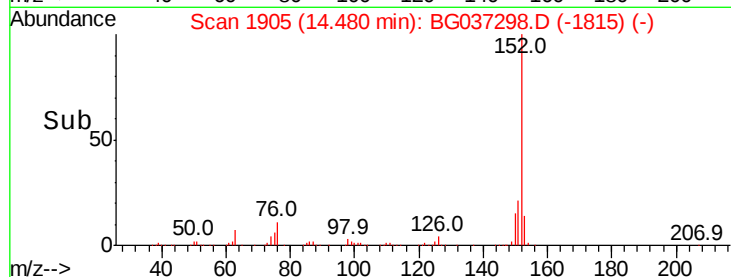
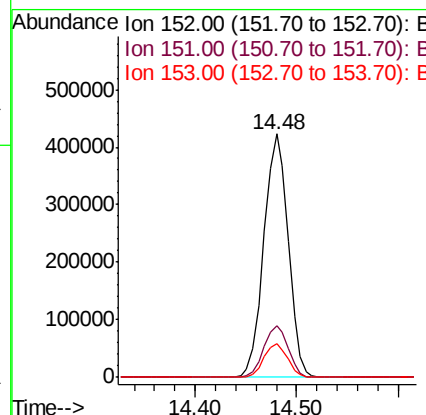
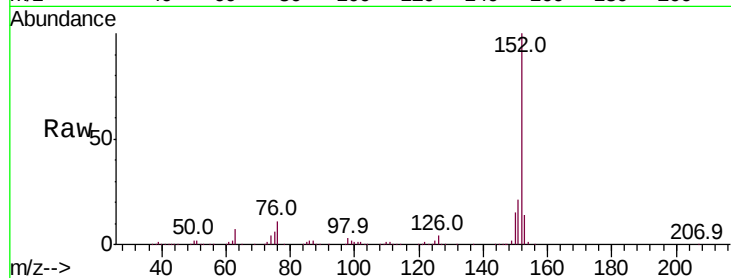
ClientSampleId :

SOIL-DRUMMS

Tot Ion:	152	Resp:	703878
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.1	25.7
153	14.1	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.785 ng

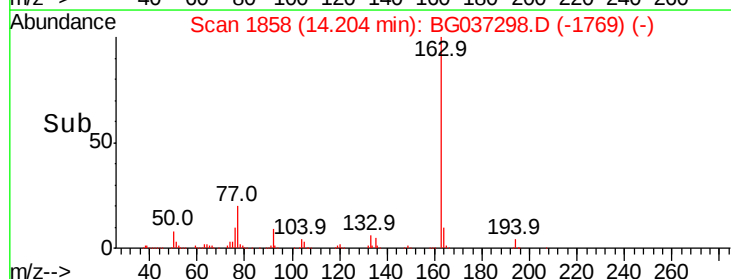
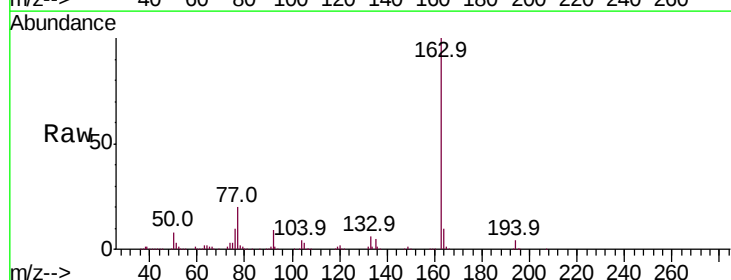
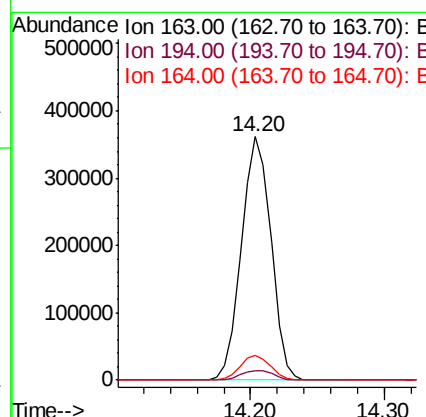
RT: 14.20 min Scan# 1858

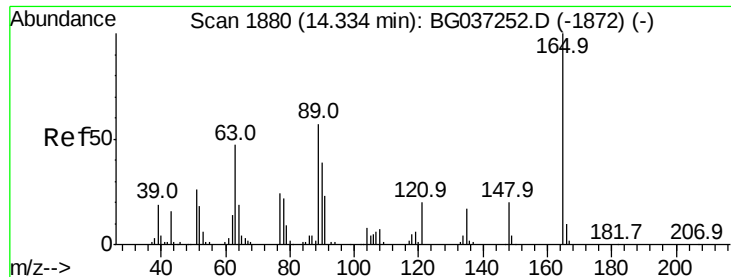
Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	163	Resp:	552727
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	10.2	8.5	12.7





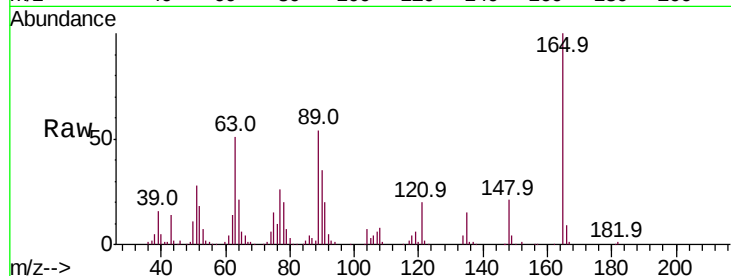
#51
2,6-Dinitrotoluene
Concen: 43.910 ng
RT: 14.33 min Scan# 1880
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

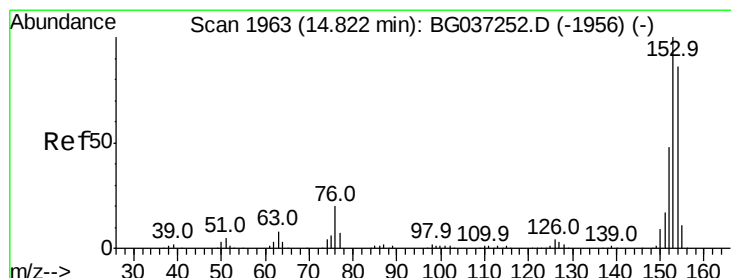
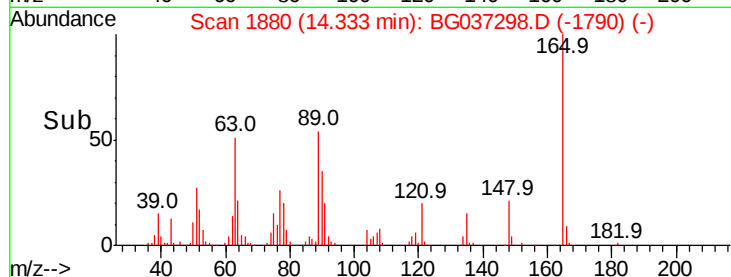
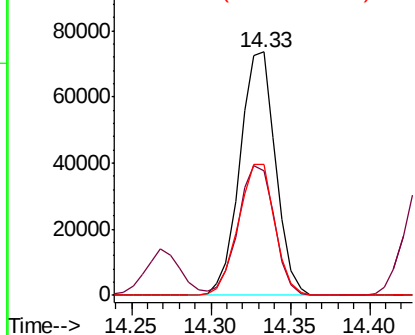
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	43.4	65.2
89	53.6	45.8	68.6

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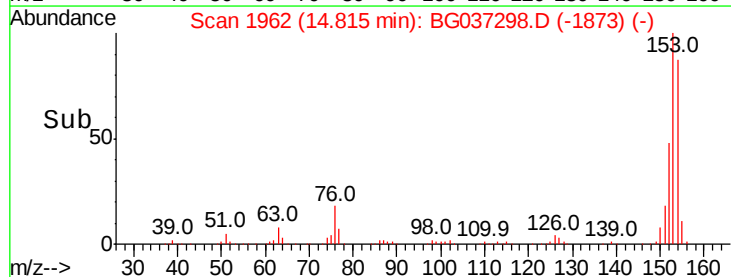
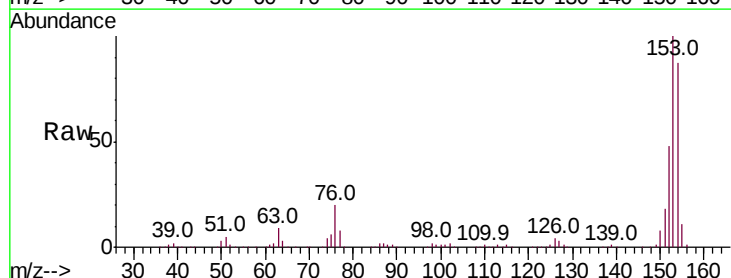
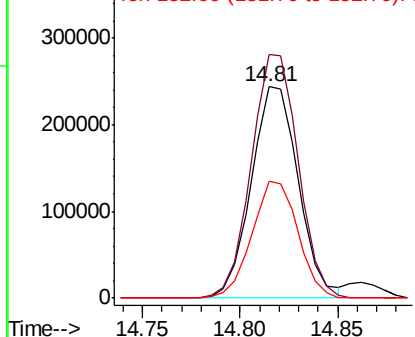
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

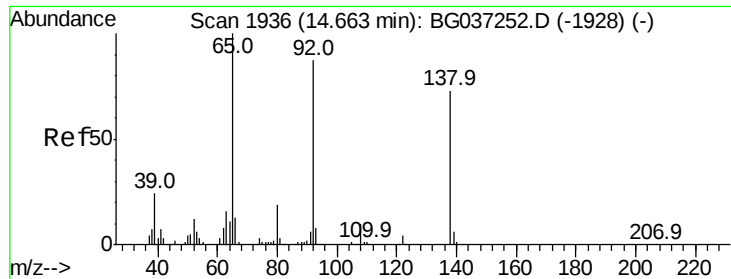


#52
Acenaphthene
Concen: 40.221 ng
RT: 14.81 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.4	140.0
152	55.1	44.7	67.1

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





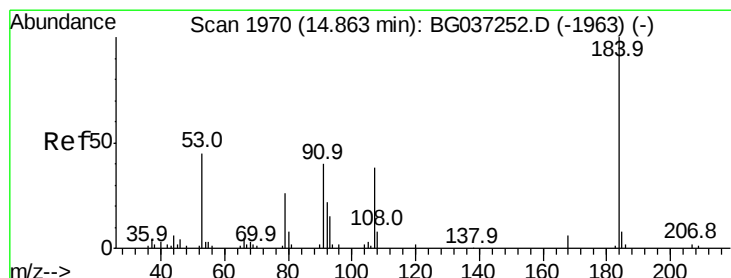
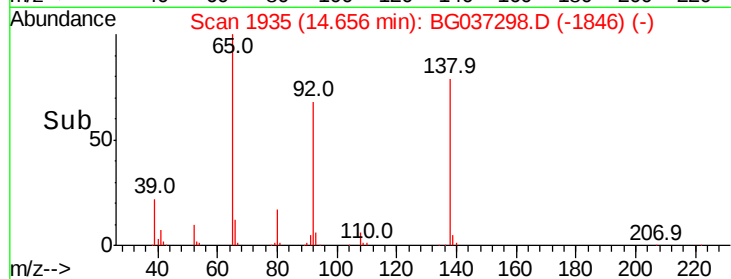
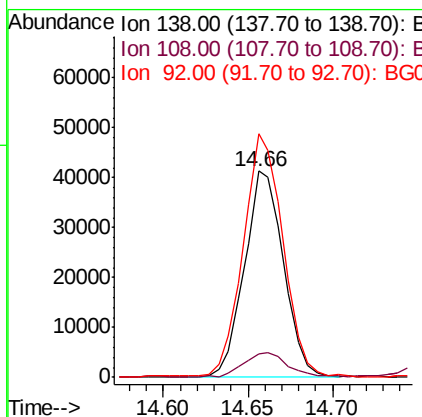
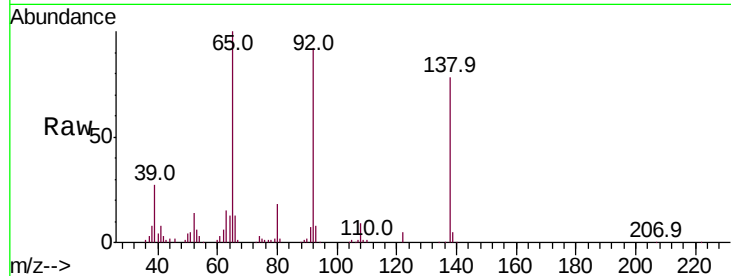
#53
3-Nitroaniline
Concen: 23.532 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	11.0	16.6
92	118.2	95.2	142.8

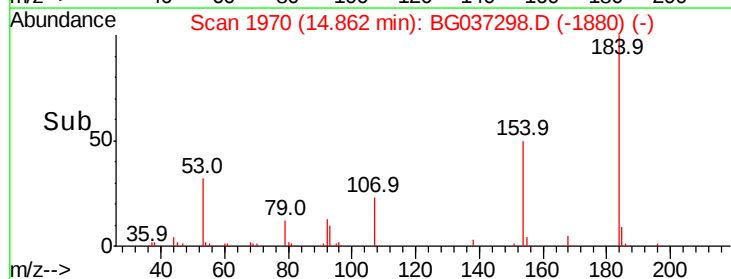
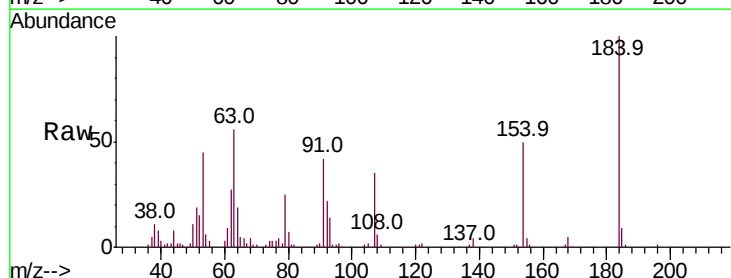
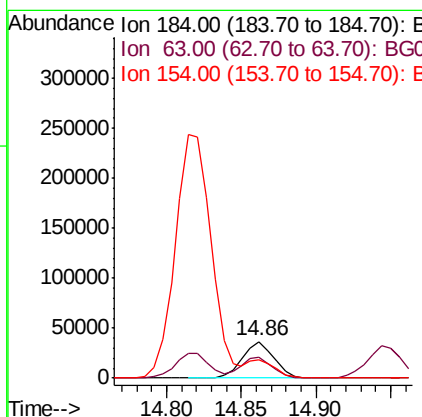
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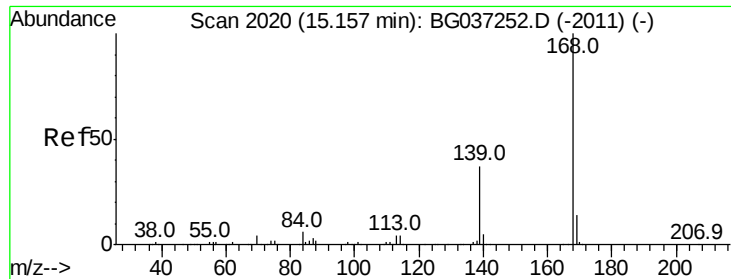
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#54
2,4-Dinitrophenol
Concen: 78.969 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.8	42.6	63.8
154	49.5	41.8	62.6





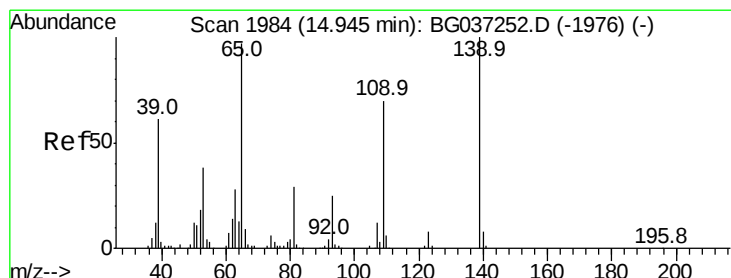
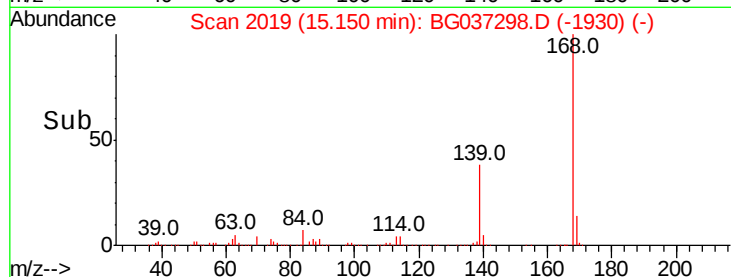
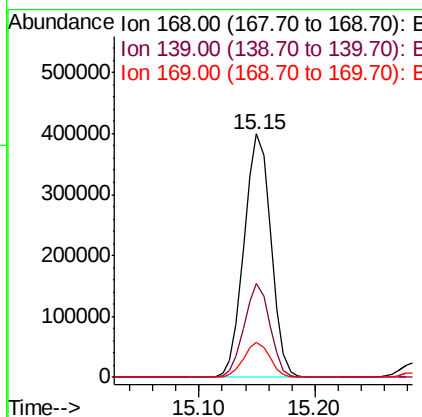
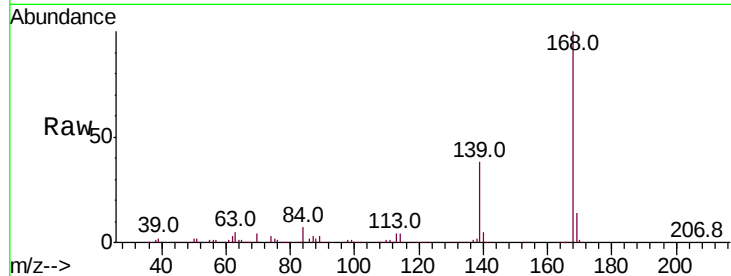
#55
Dibenzenofuran
Concen: 39.240 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.4	44.0
169	14.2	11.0	16.6

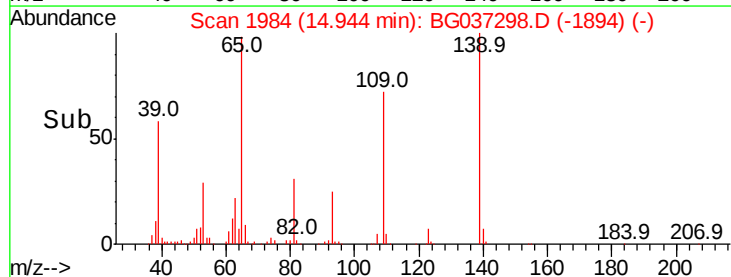
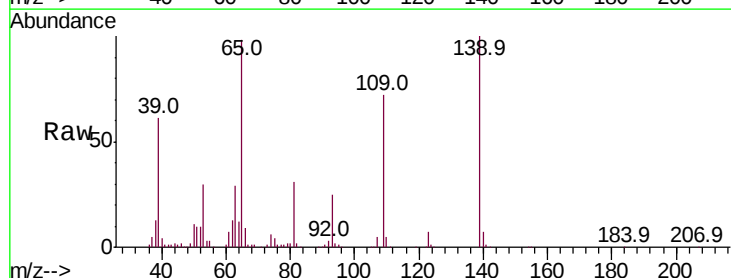
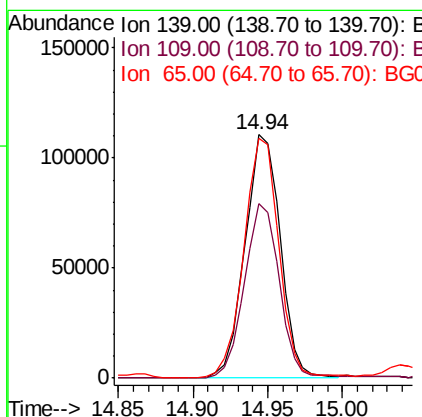
Manual Integrations
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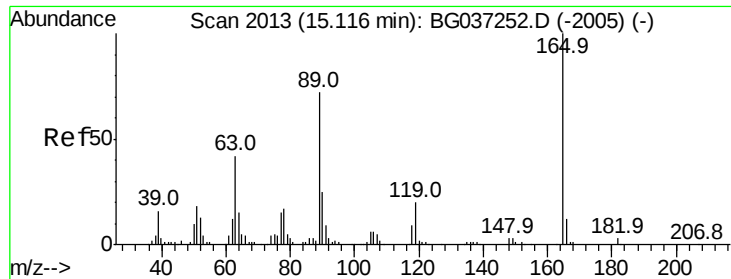
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#56
4-Nitrophenol
Concen: 81.700 ng
RT: 14.94 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	49.5	89.5
65	98.3	76.8	116.8





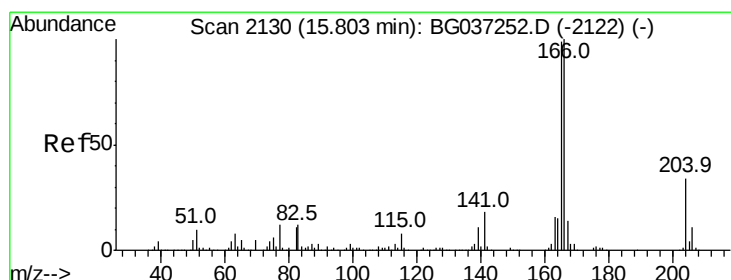
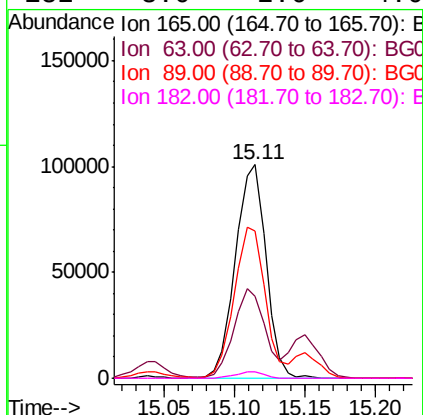
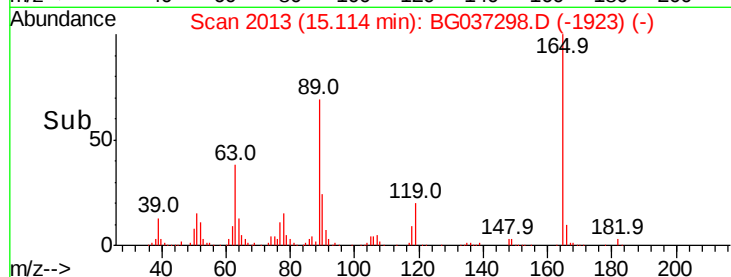
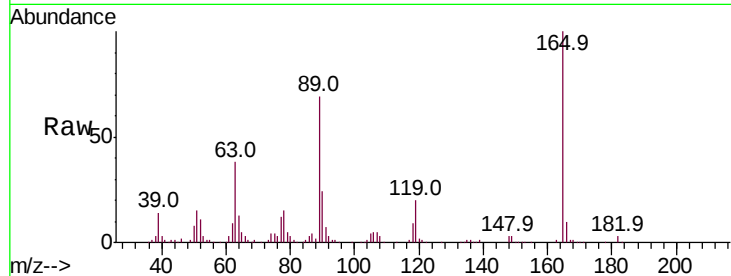
#57
2,4-Dinitrotoluene
Concen: 46.095 ng
RT: 15.11 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	152781		
63	38.5	33.4	50.0	
89	68.8	57.2	85.8	
182	3.0	2.6	4.0	

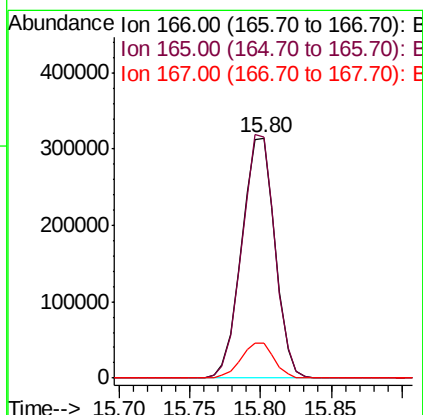
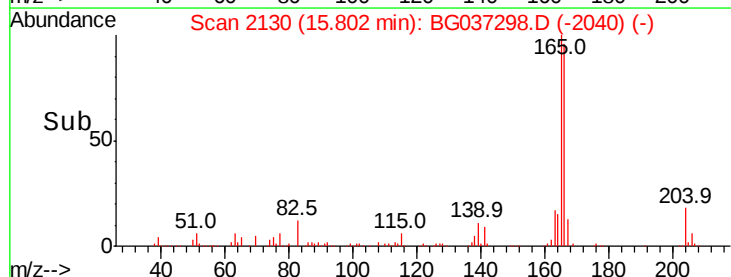
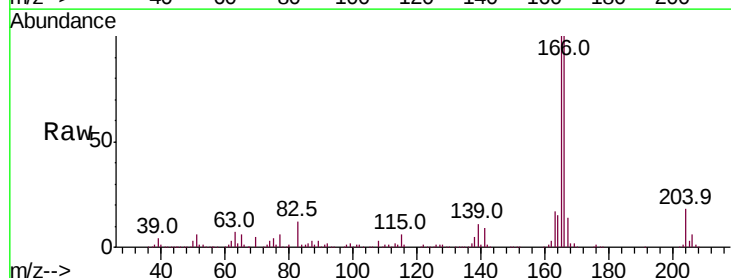
Manual Integrations
APPROVED

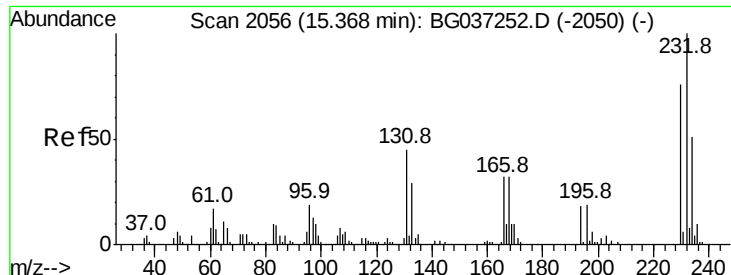
Sohil
10/15/2018 12:59:10 PM



#58
Fluorene
Concen: 41.852 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	520020		
165	100.1	79.0	118.6	
167	14.5	11.3	16.9	





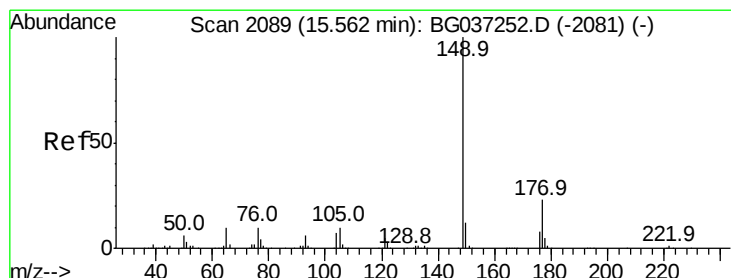
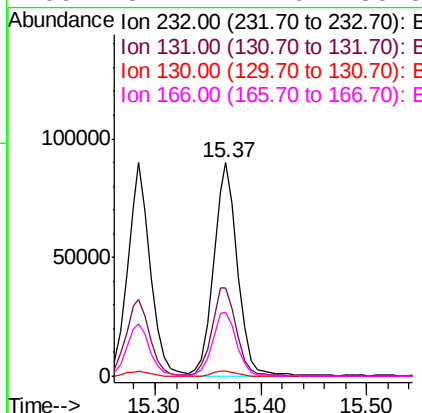
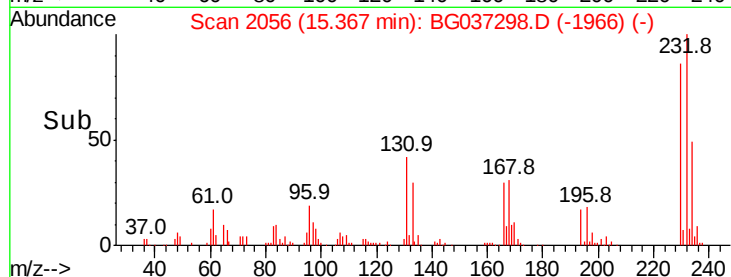
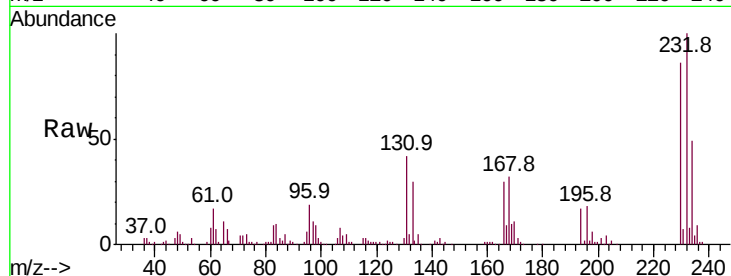
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.653 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	140887		
131	43.5		33.7	50.5
130	2.5		2.1	3.1
166	31.2		24.6	36.8

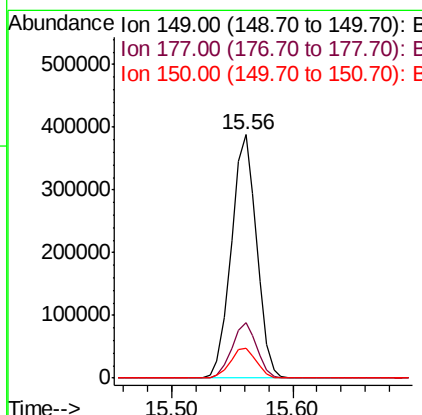
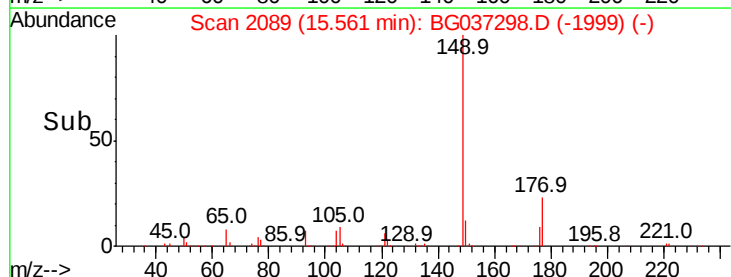
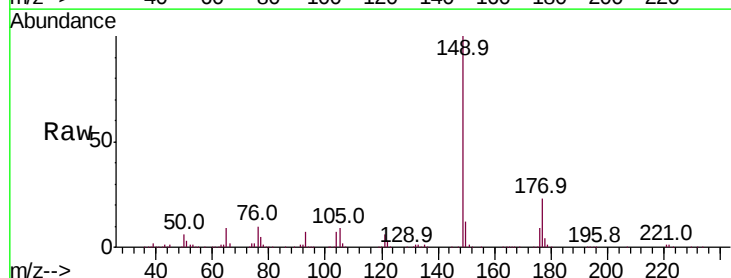
Manual Integrations
 APPROVED

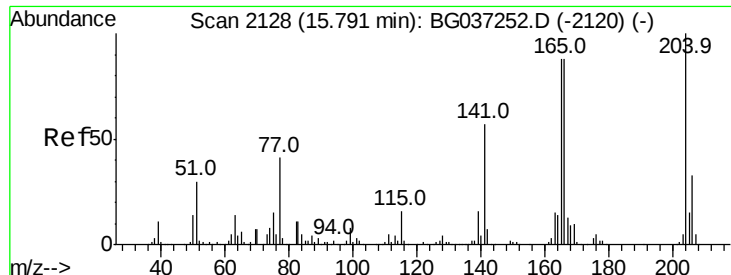
Sohil
 10/15/2018 12:59:10 PM



#60
 Diethylphthalate
 Concen: 40.150 ng
 RT: 15.56 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	563886		
177	22.6		18.3	27.5
150	12.4		10.0	15.0





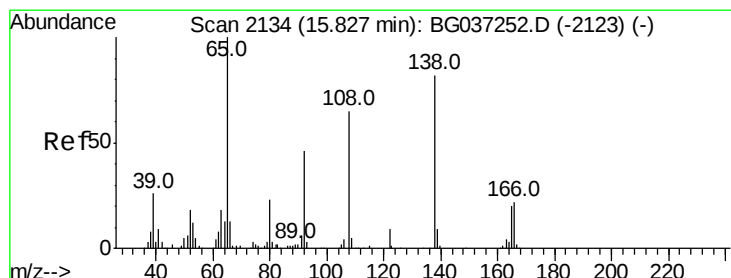
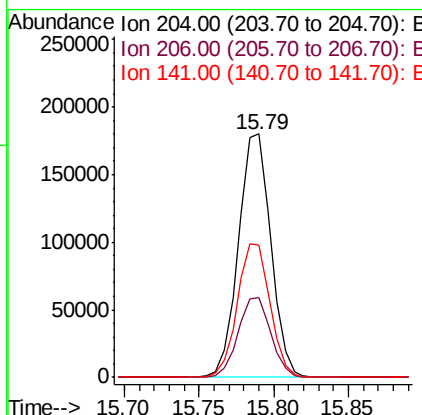
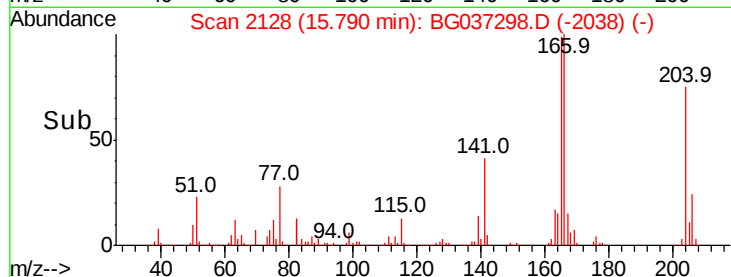
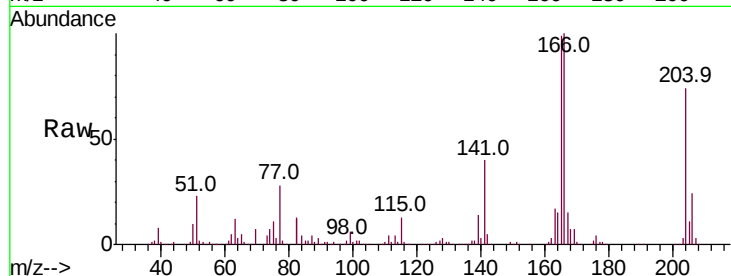
#61
 4-Chlorophenyl-phenylether
 Concen: 37.279 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tot Ion:	204	Resp:	270750
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.6	39.8
141	54.5	45.4	68.2

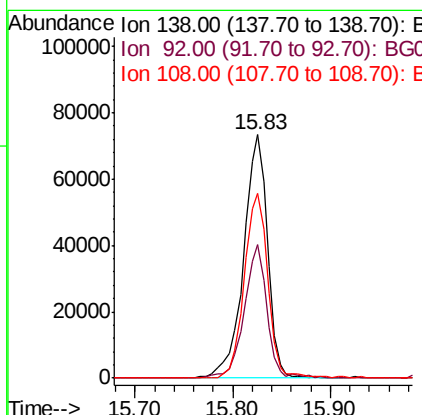
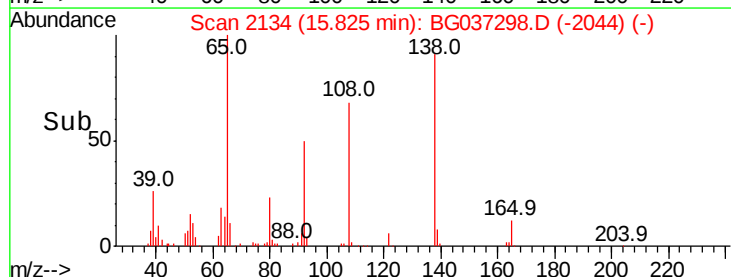
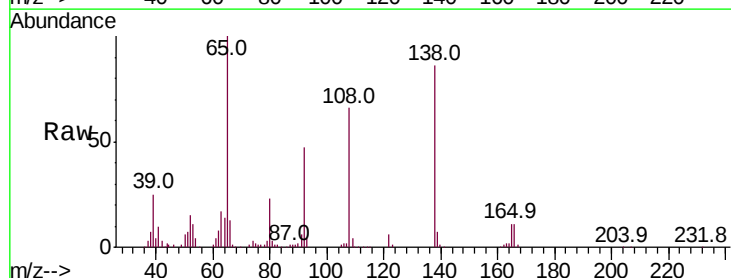
Manual Integrations
 APPROVED

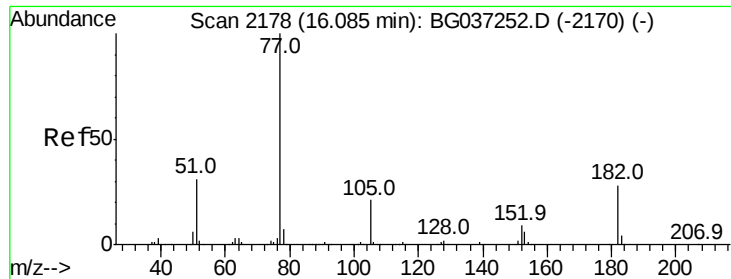
Sohil
 10/15/2018 12:59:10 PM



#62
 4-Nitroaniline
 Concen: 42.280 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion:	138	Resp:	125828
Ion Ratio	Lower	Upper	
138	100		
92	54.9	36.4	76.4
108	75.9	60.1	100.1





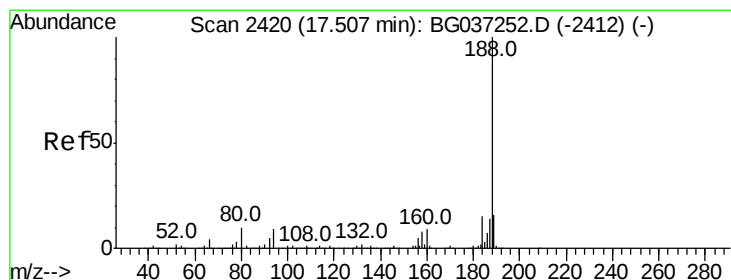
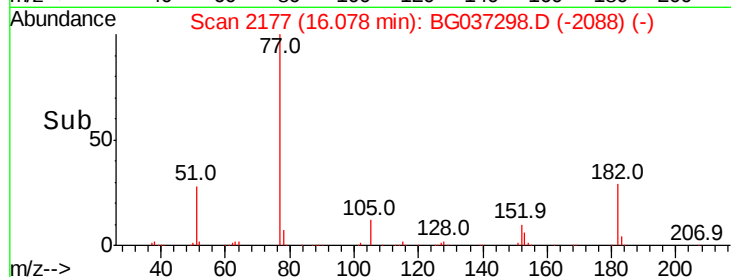
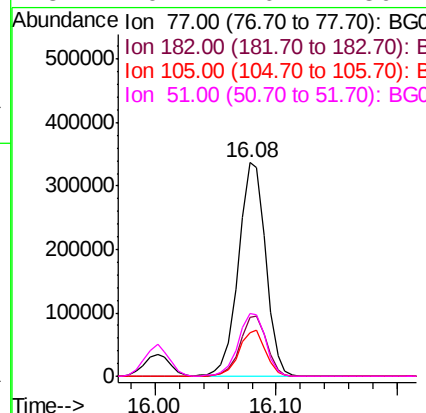
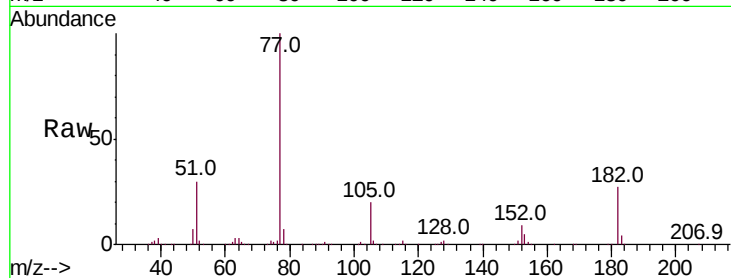
#63
Azobenzene
Concen: 39.311 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		529340		
182	27.4	8.0	48.0		
105	20.2	1.3	41.3		
51	29.7	10.7	50.7		

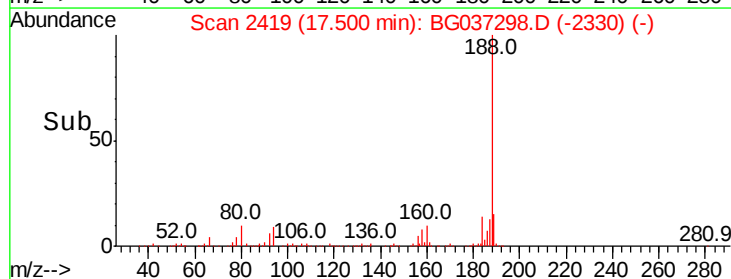
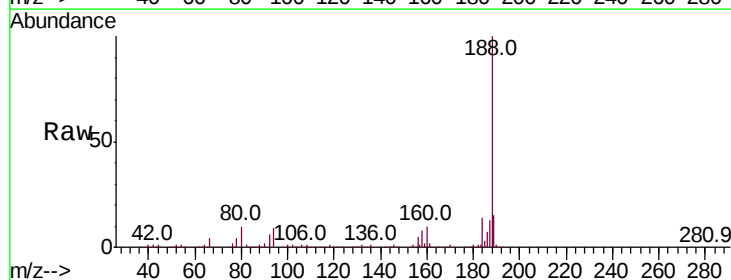
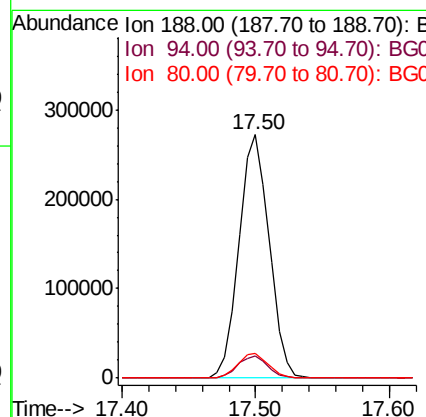
Manual Integrations
APPROVED

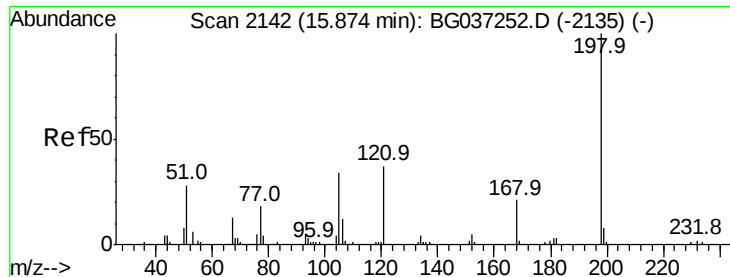
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		424543		
94	9.1	7.2	10.8		
80	10.2	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 36.672 ng

RT: 15.87 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

Tot Ion:198 Resp: 46603

Ion Ratio Lower Upper

198 100

51 43.0 22.7 62.7

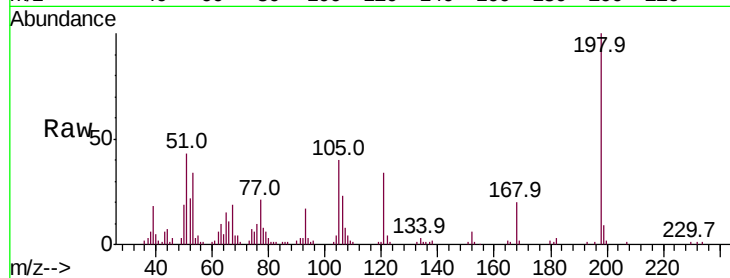
105 40.1 19.7 59.7

Manual Integrations

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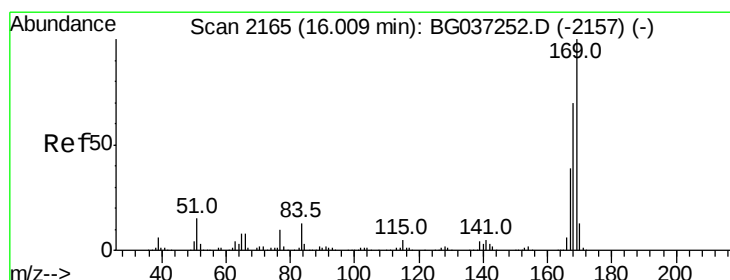
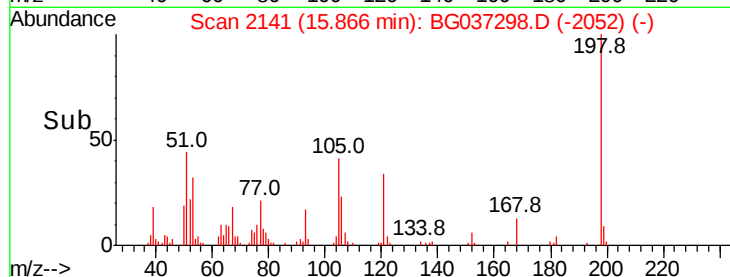
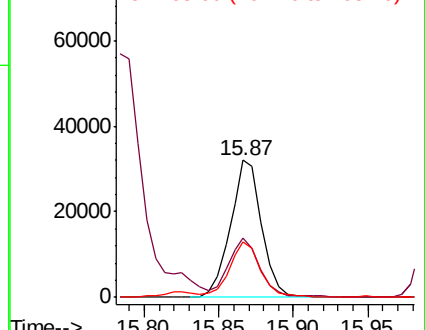
10/15/2018 12:59:10 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.093 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

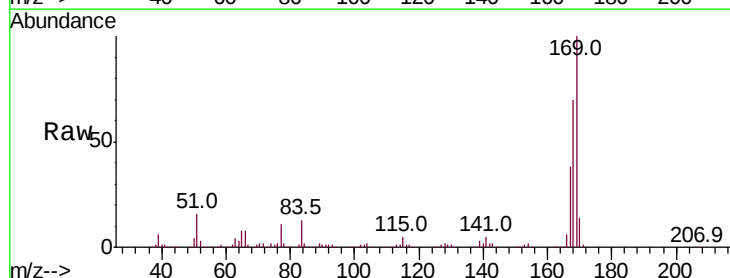
Tgt Ion:169 Resp: 474930

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

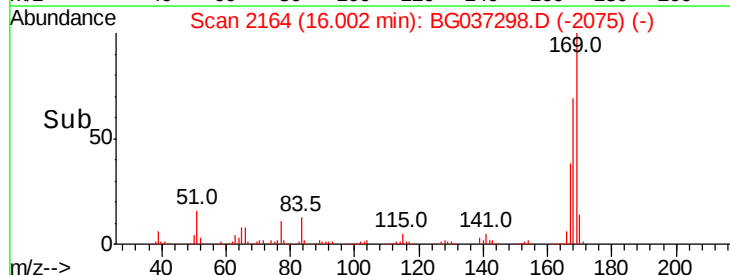
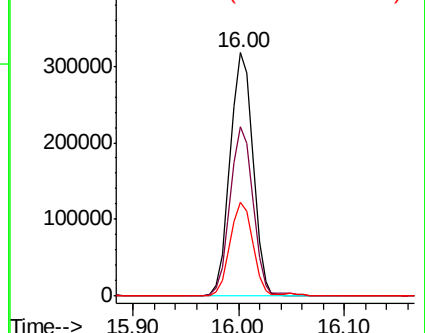
167 38.4 31.3 46.9

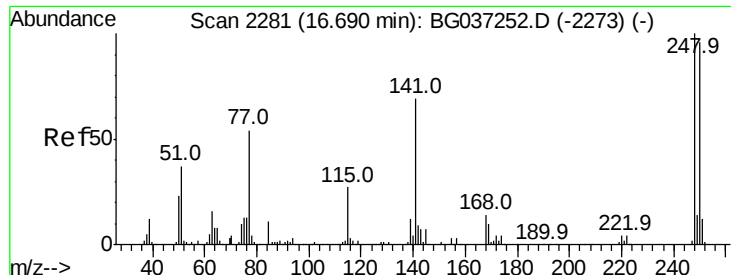


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





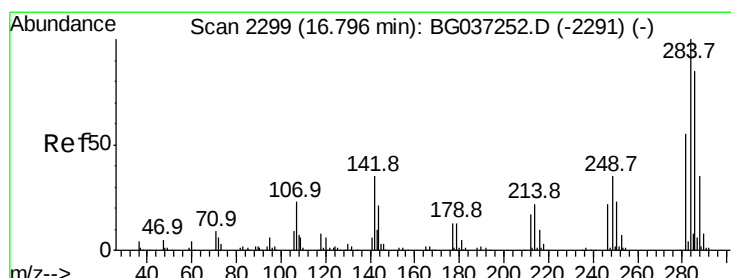
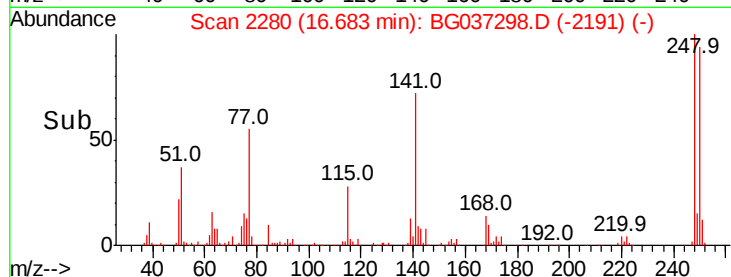
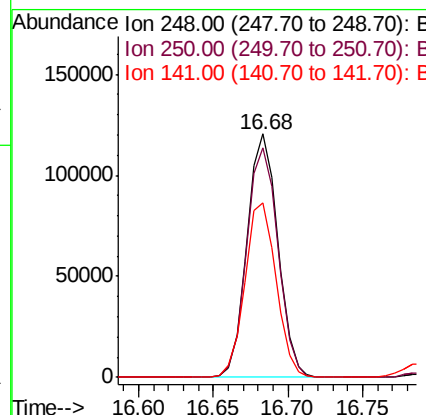
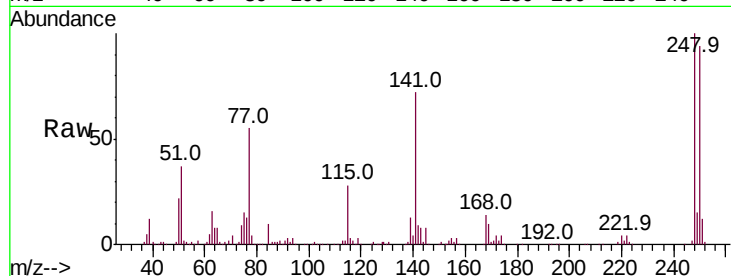
#67
4-Bromophenyl-phenylether
Concen: 37.531 ng
RT: 16.68 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.0	115.6
141	71.6	55.5	83.3

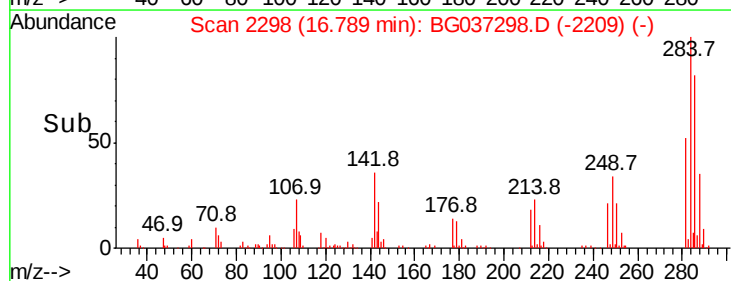
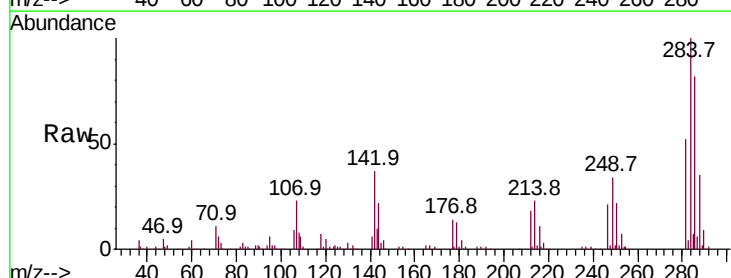
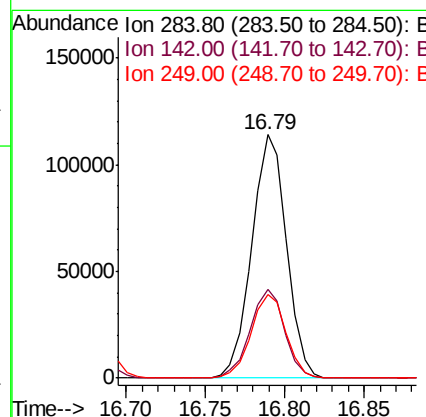
Manual Integrations
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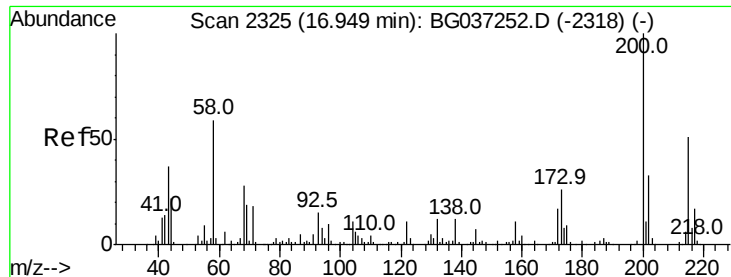
Sohil
10/15/2018 12:59:10 PM



#68
Hexachlorobenzene
Concen: 36.537 ng
RT: 16.79 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	28.1	42.1
249	36.5	29.8	44.8





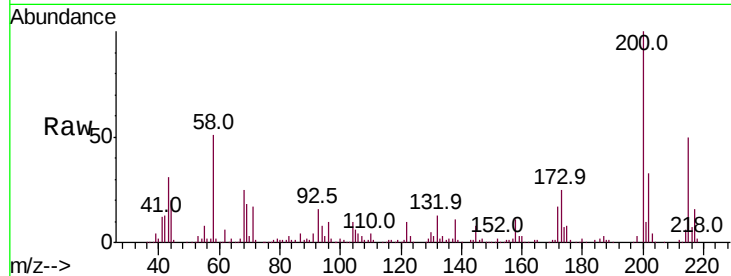
#69
Atrazine
Concen: 36.204 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	167761		
173	25.3	6.1	46.1	
215	50.2	30.8	70.8	

Manual Integrations
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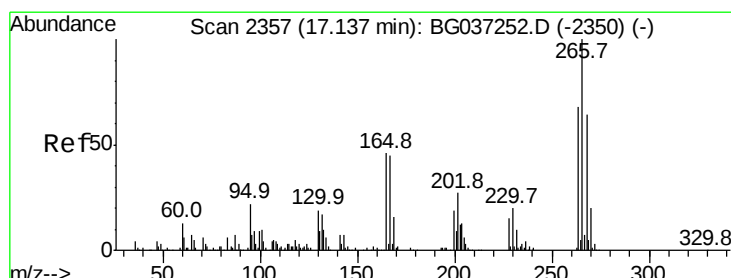
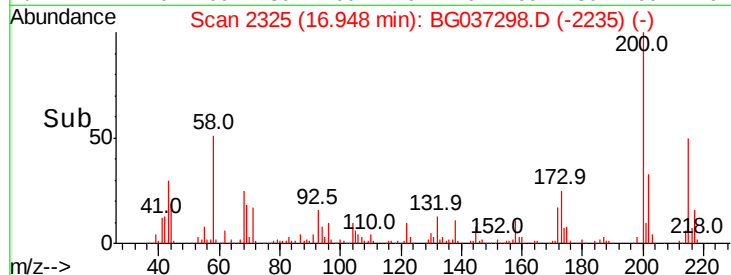
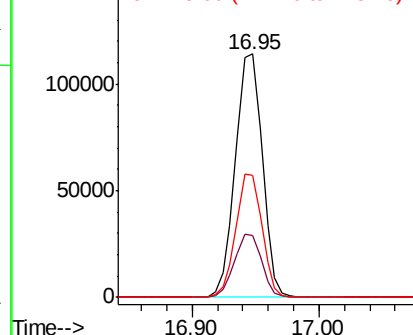


Abundance

Ion 200.00 (199.70 to 200.70): E

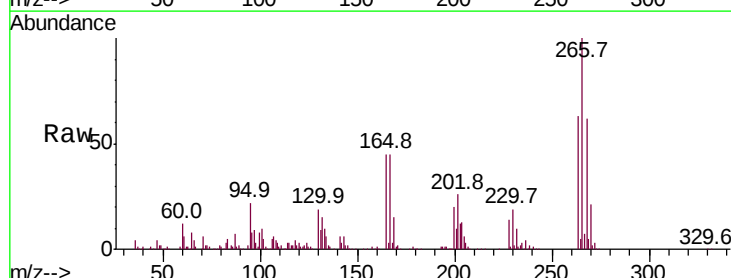
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.848 ng
RT: 17.14 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	195692		
268	66.5	55.0	82.6	
264	68.3	58.9	88.3	

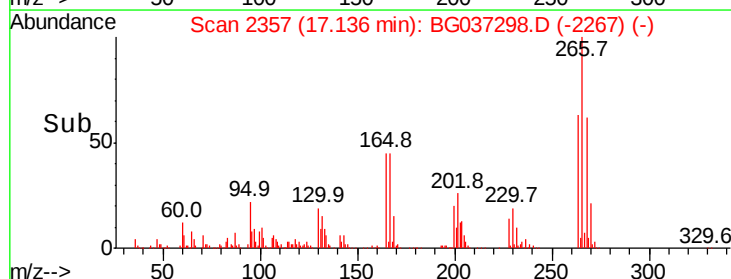
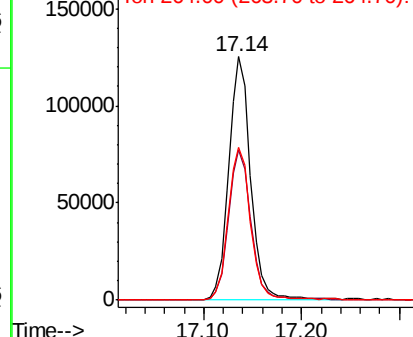


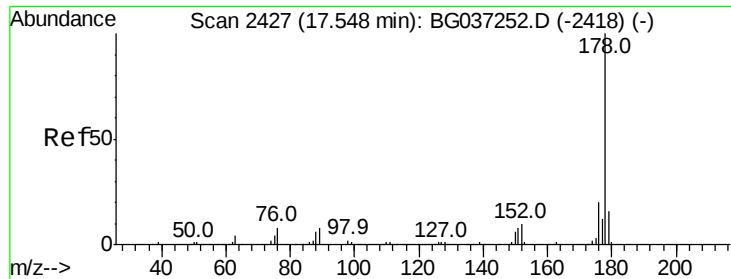
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





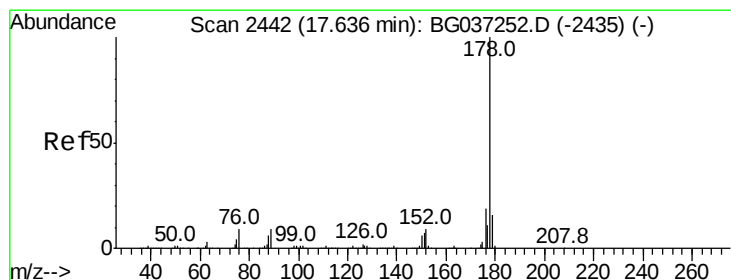
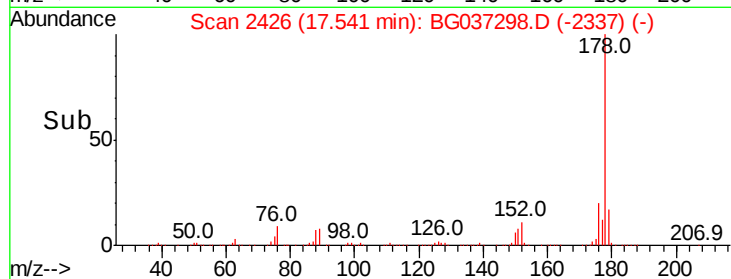
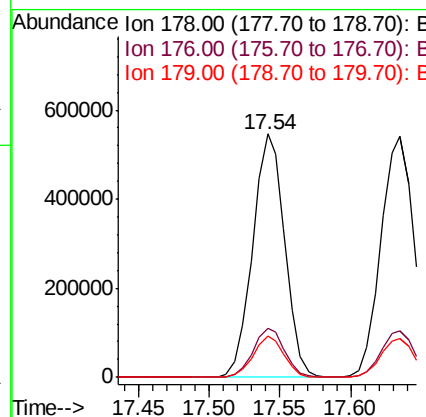
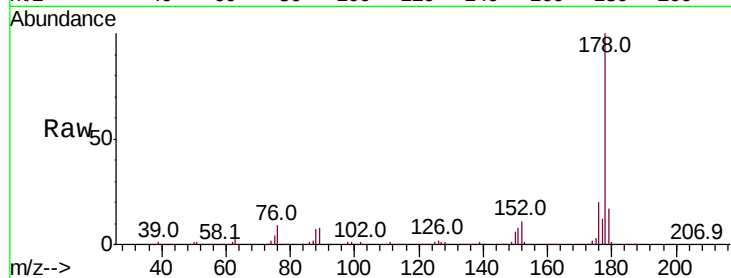
#71
Phenanthrene
Concen: 40.213 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.9	13.0	19.4

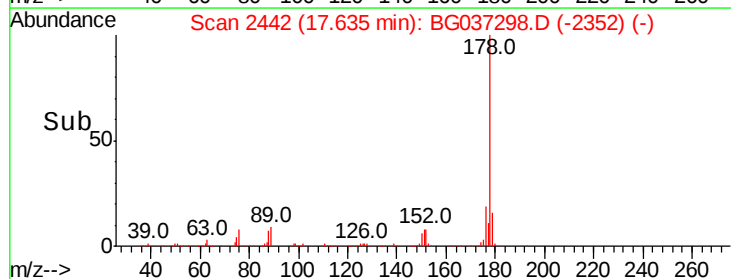
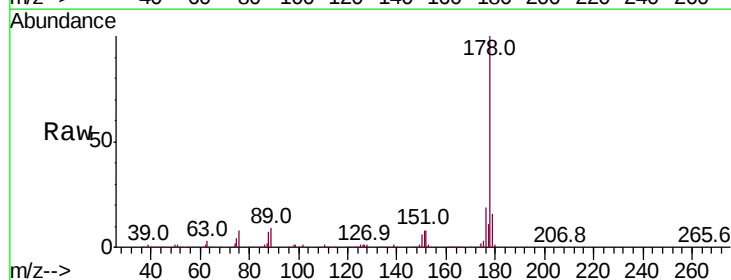
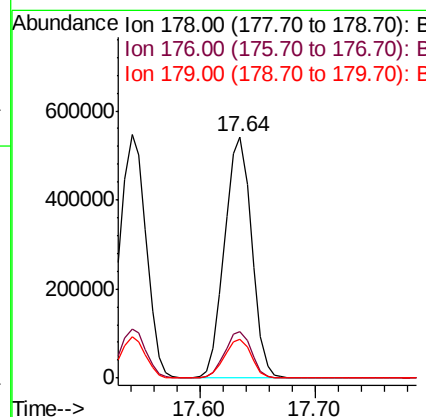
Manual Integrations
APPROVED

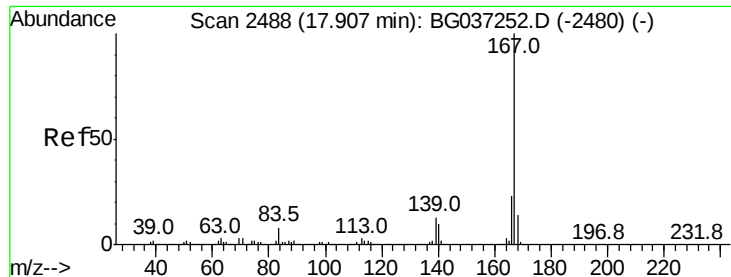
Sohil
10/15/2018 12:59:10 PM



#72
Anthracene
Concen: 41.637 ng
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	16.2	12.8	19.2





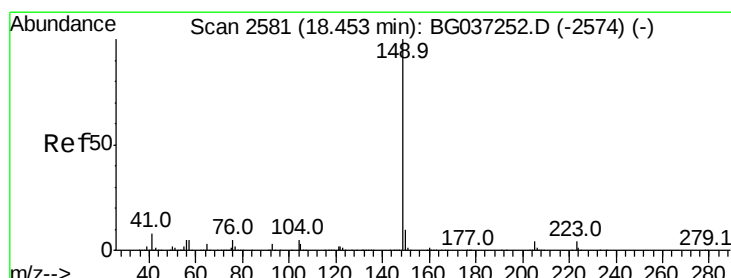
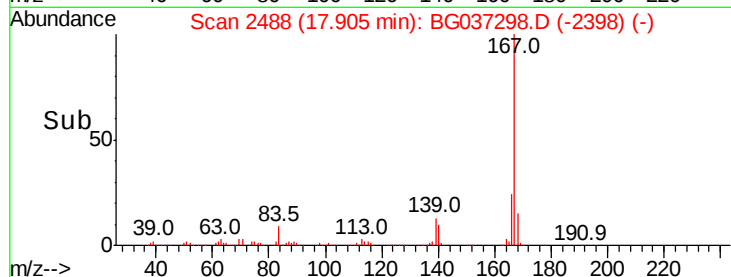
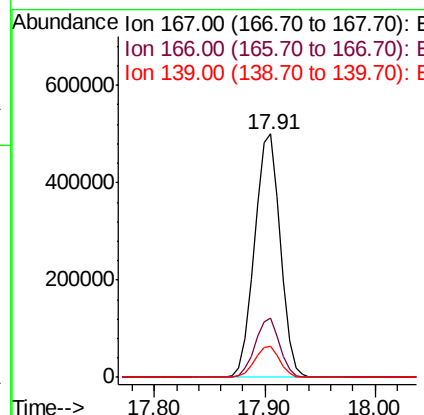
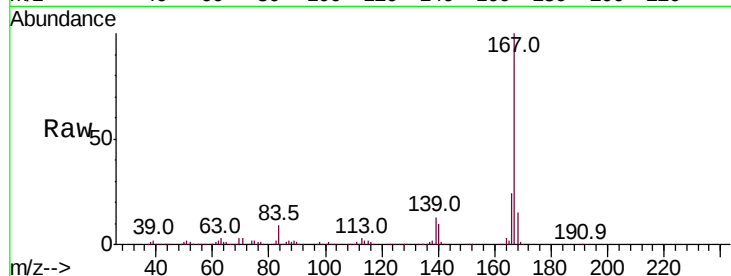
#73
 Carbazole
 Concen: 37.481 ng
 RT: 17.91 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.3	27.5
139	13.1	10.5	15.7

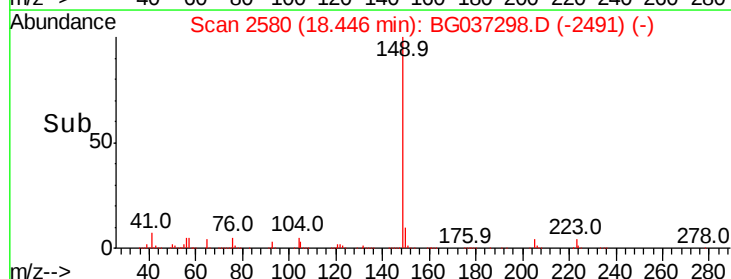
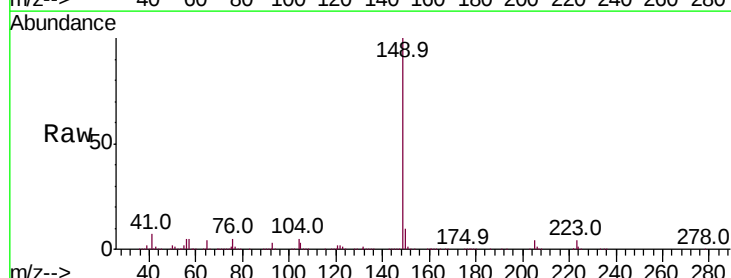
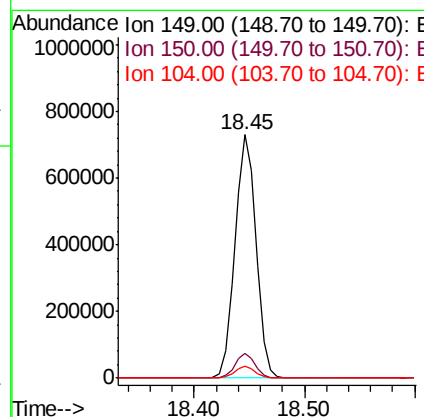
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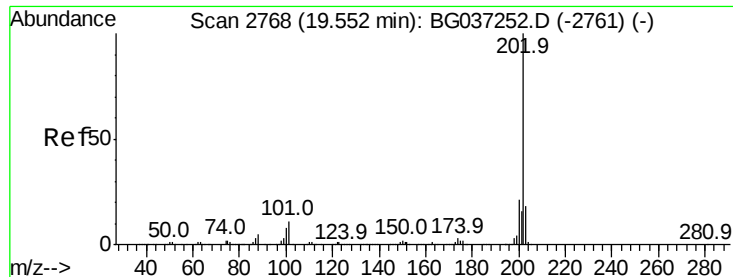
Sohil
 10/15/2018 12:59:10 PM



#74
 Di-n-butylphthalate
 Concen: 41.841 ng
 RT: 18.45 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 40.692 ng

RT: 19.54 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

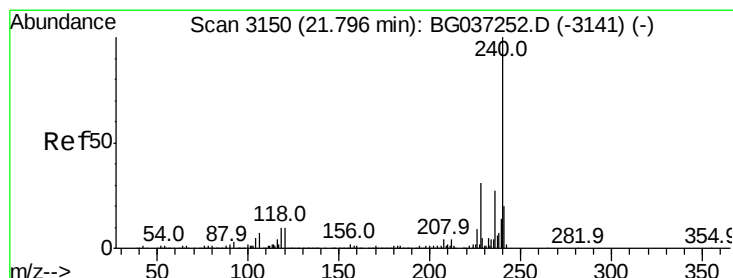
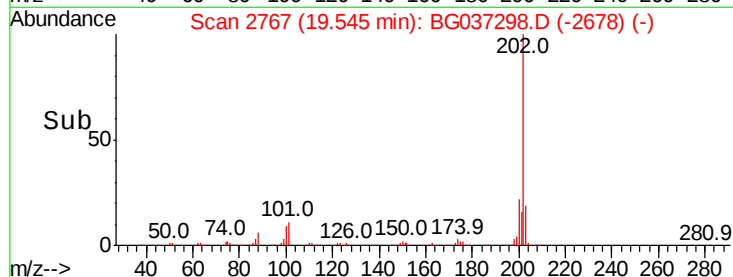
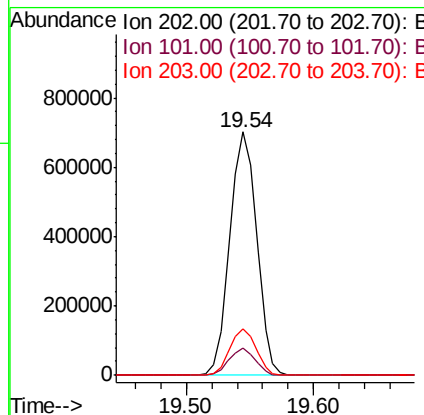
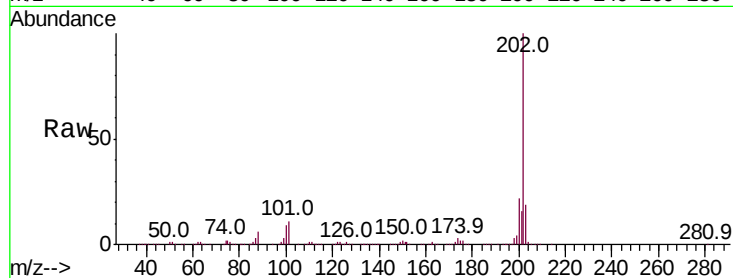
ClientSampleId :

SOIL-DRUMMS

Tot Ion:	202	Resp:	1027817
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.7
203	19.1	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

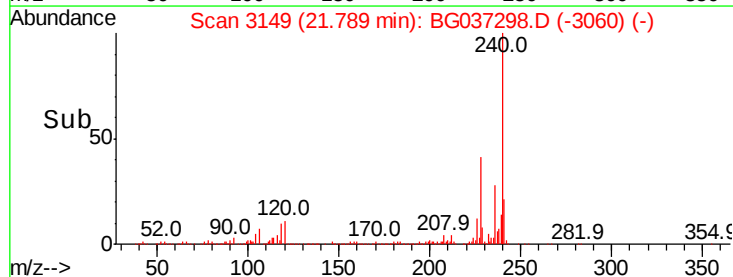
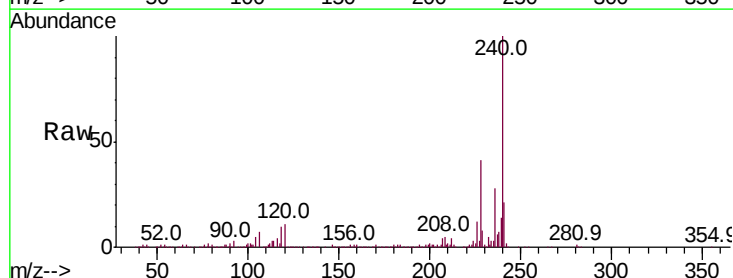
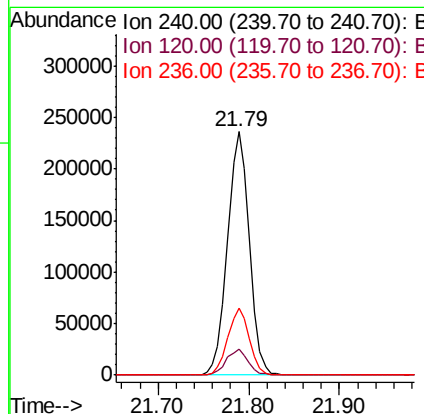
RT: 21.79 min Scan# 3149

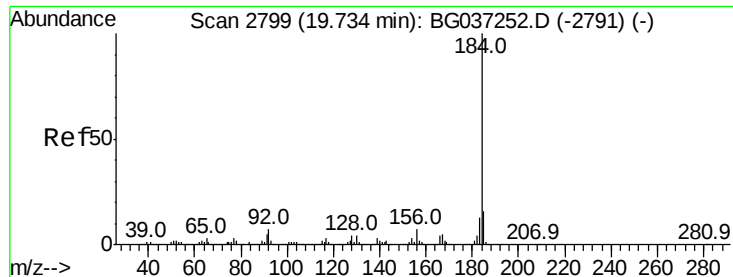
Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	240	Resp:	393775
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	27.6	21.4	32.0





#77

Benzidine

Concen: 4.747 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

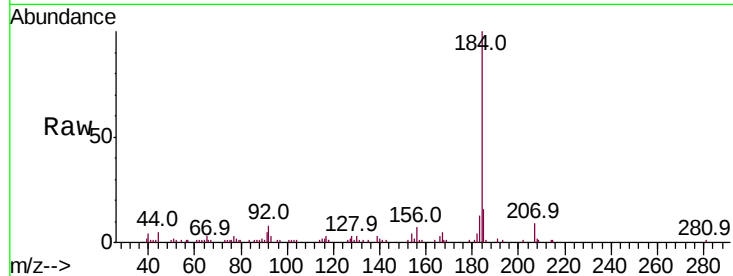
ClientSampleId :

SOIL-DRUMMS

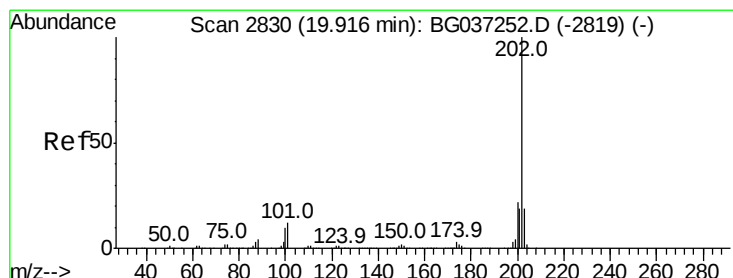
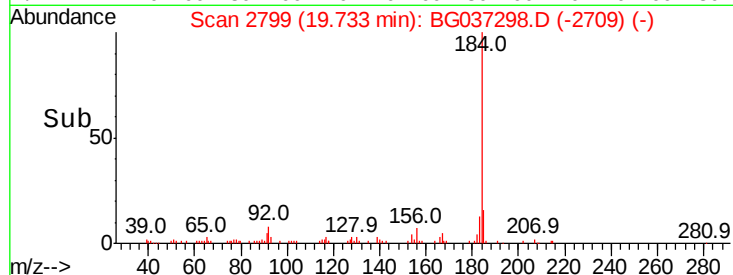
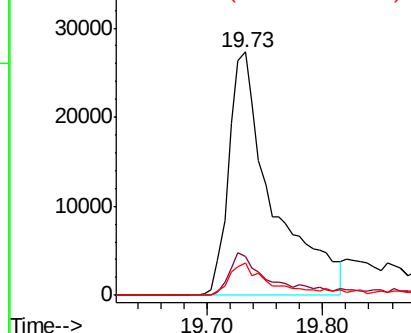
Tot Ion:	184	Resp:	71507
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	13.4	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.444 ng

RT: 19.91 min Scan# 2829

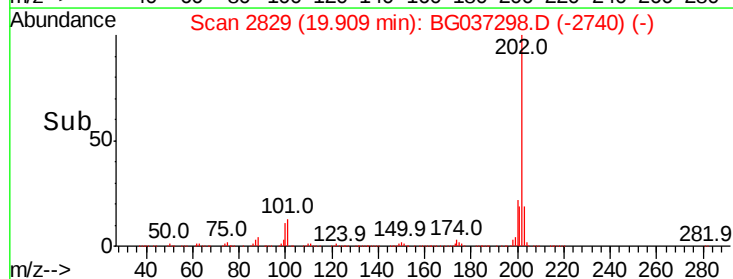
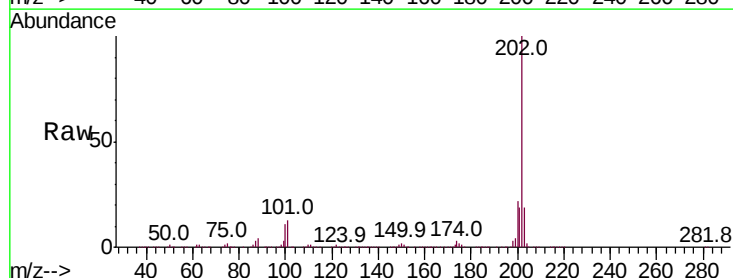
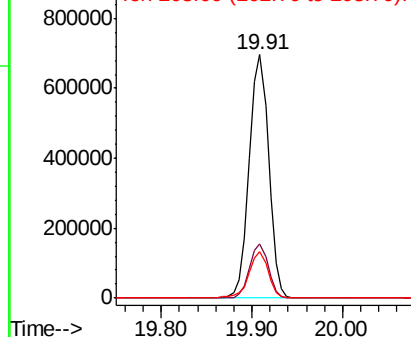
Delta R.T. -0.01 min

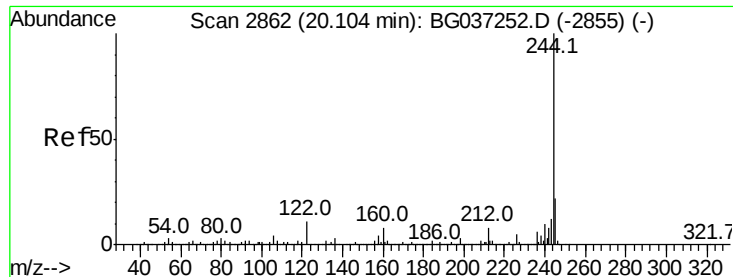
Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	202	Resp:	1037957
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.8	26.6
203	19.1	15.2	22.8

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





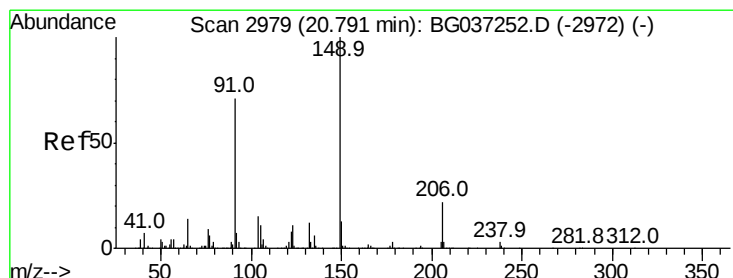
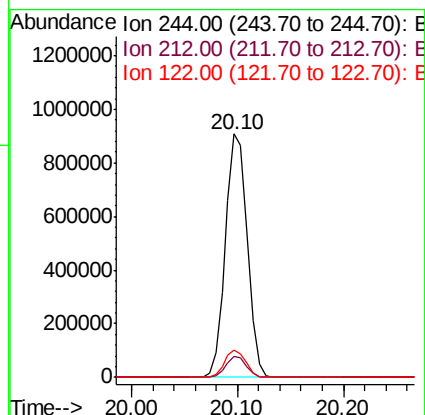
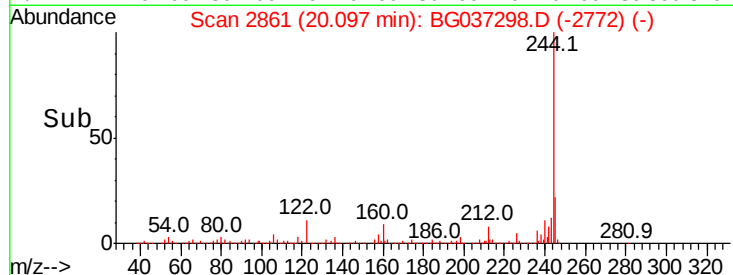
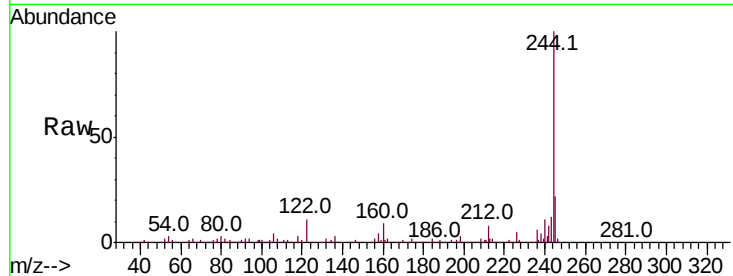
#79
 Terphenyl-d14
 Concen: 69.336 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.4	9.0	13.4

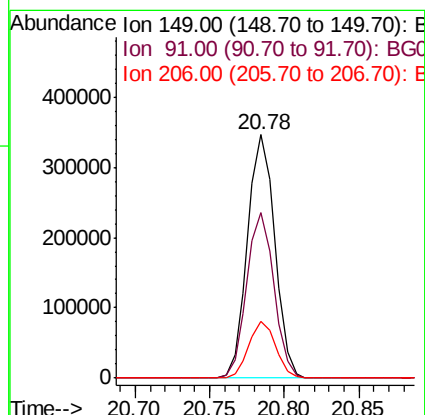
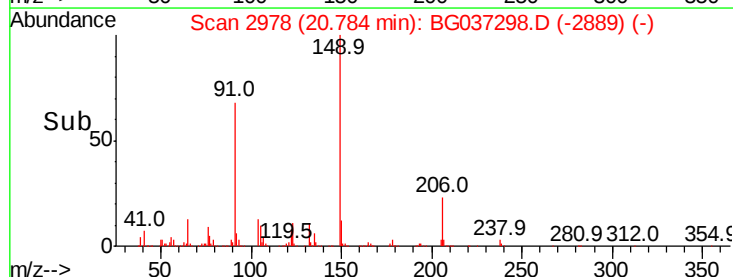
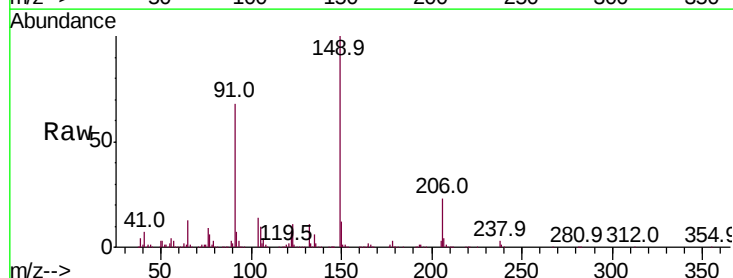
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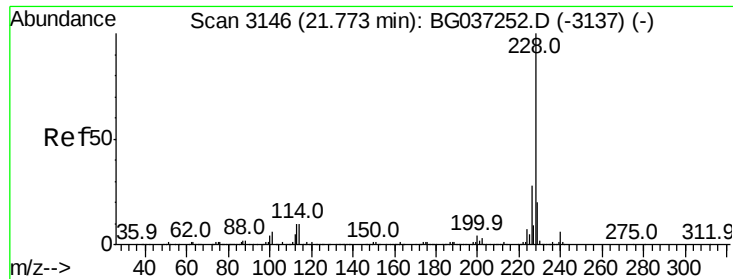
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#80
 Butylbenzylphthalate
 Concen: 43.938 ng
 RT: 20.78 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BG037298.D
 Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	57.0	85.4
206	23.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 41.489 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

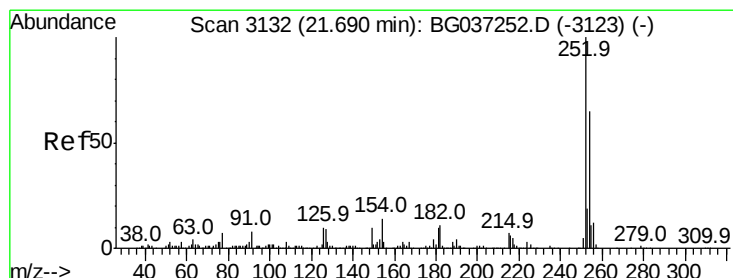
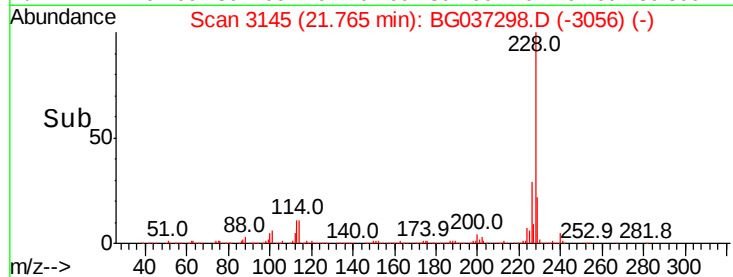
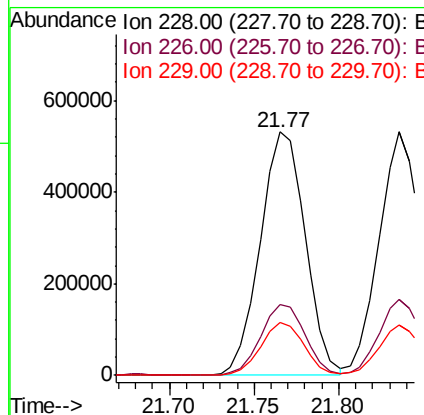
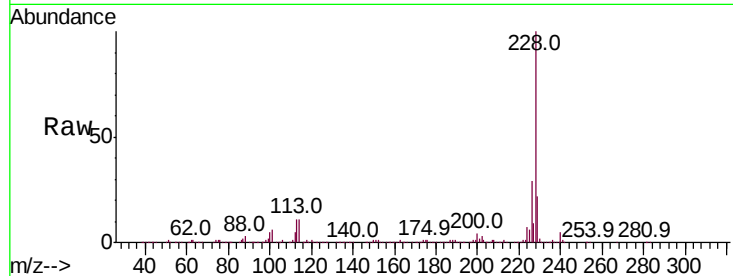
ClientSampleId :

SOIL-DRUMMS

Tot Ion:	228	Resp:	978460
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	33.8
229	21.6	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 24.952 ng

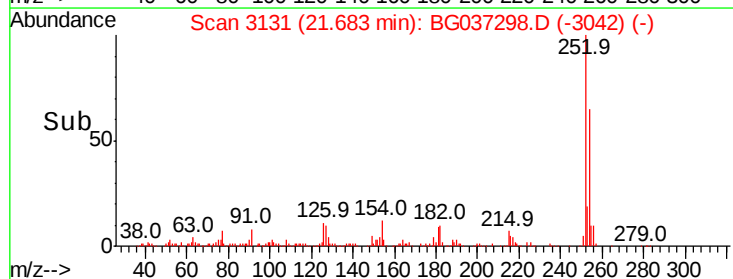
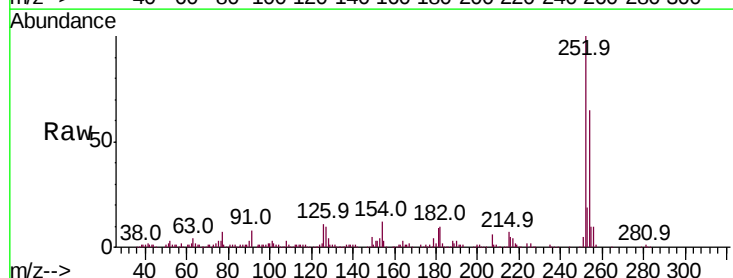
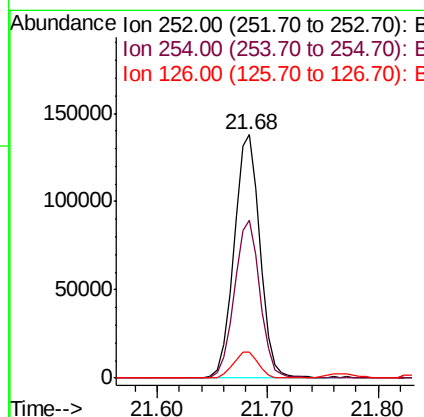
RT: 21.68 min Scan# 3131

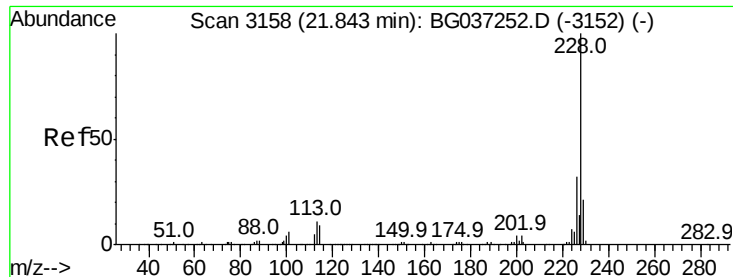
Delta R.T. -0.01 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Tgt Ion:	252	Resp:	226993
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.0	78.0
126	10.7	8.2	12.4





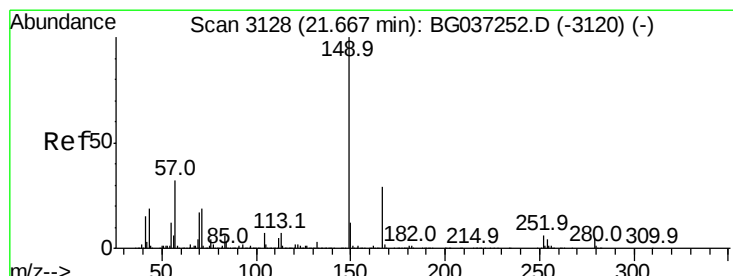
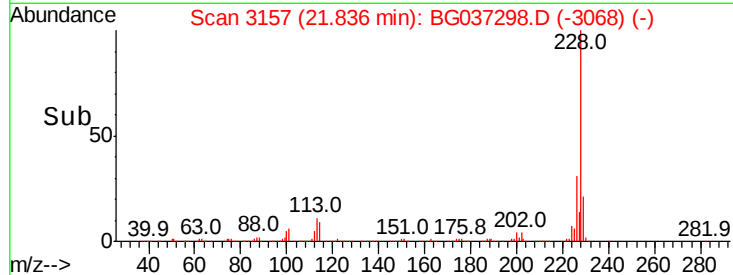
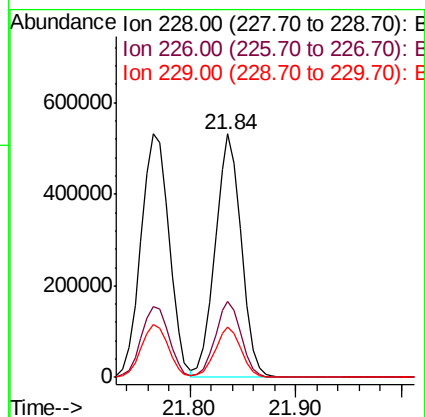
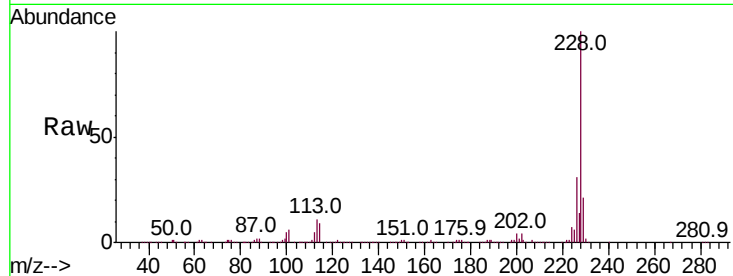
#83
Chrysene
Concen: 40.555 ng
RT: 21.84 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion:	228	Resp:	912352
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.7	38.5
229	20.7	16.5	24.7

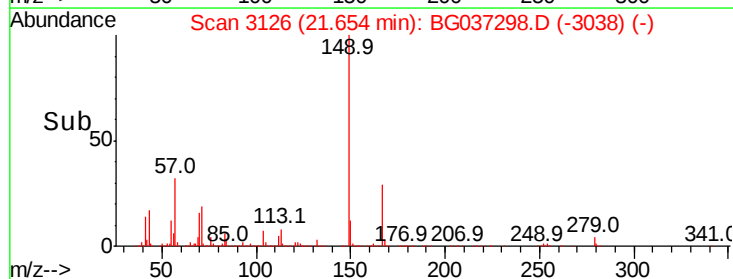
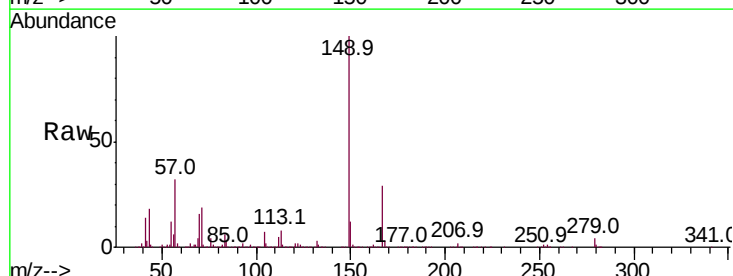
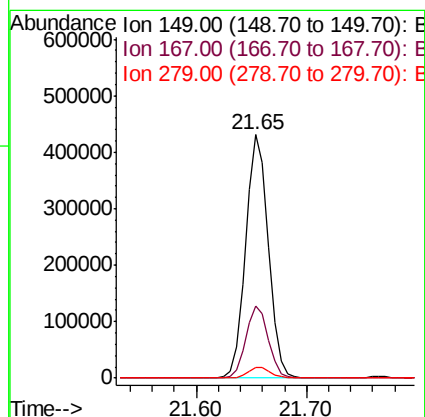
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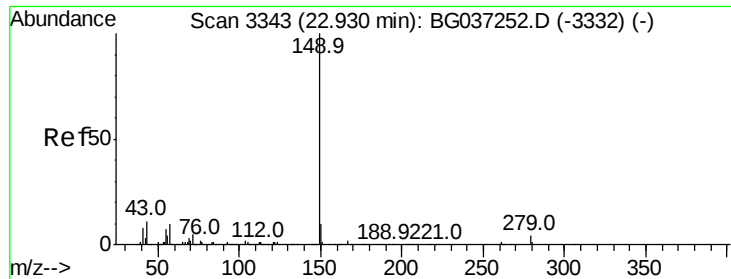
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.258 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion:	149	Resp:	620244
Ion Ratio	Lower	Upper	
149	100		
167	29.4	23.0	34.4
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 44.721 ng

RT: 22.91 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUMMS

Tot Ion:149 Resp: 1040741

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

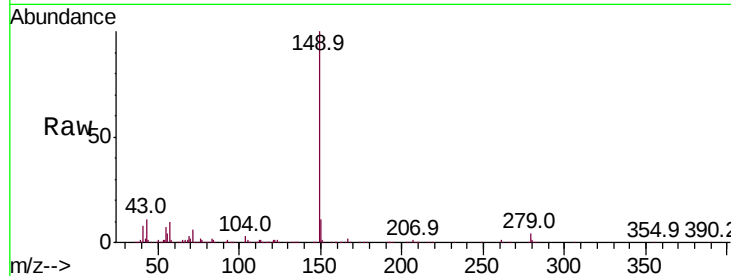
43 10.1 8.7 13.1

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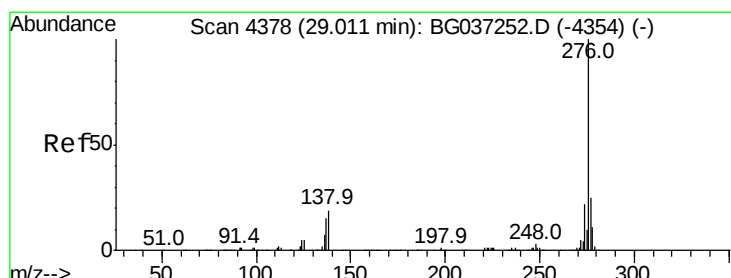
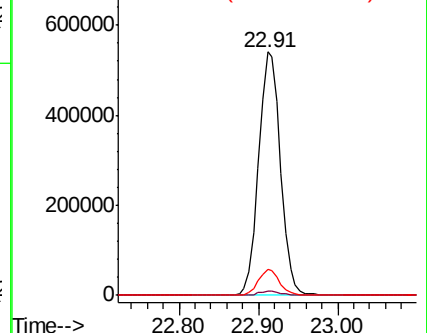
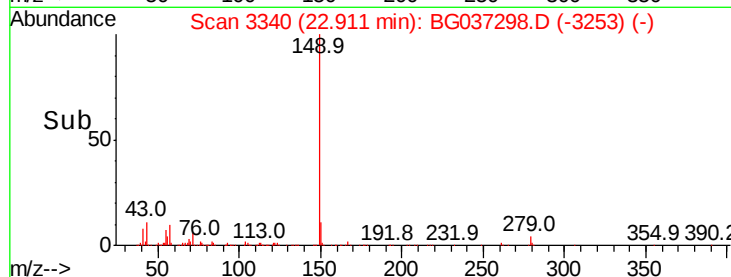
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.970 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG037298.D

Acq: 12 Oct 2018 19:38

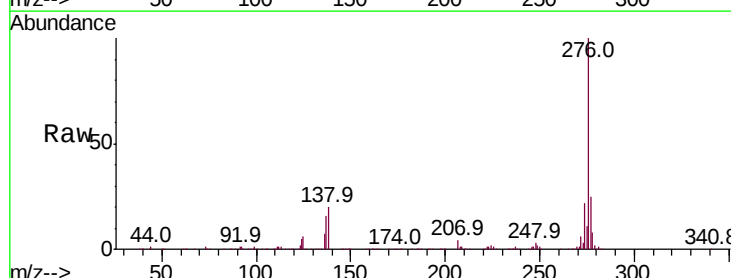
Tgt Ion:276 Resp: 1096421

Ion Ratio Lower Upper

276 100

138 18.0 12.0 18.0#

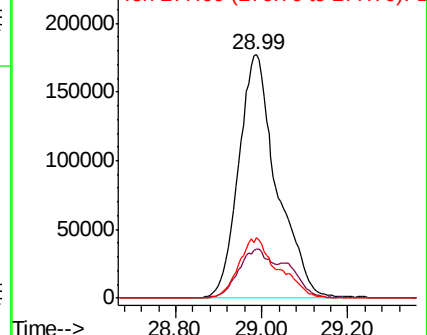
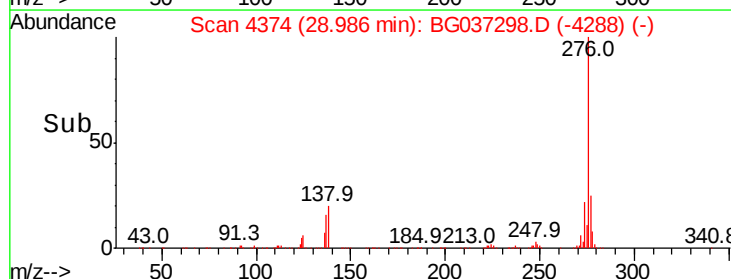
277 25.6 20.6 30.8

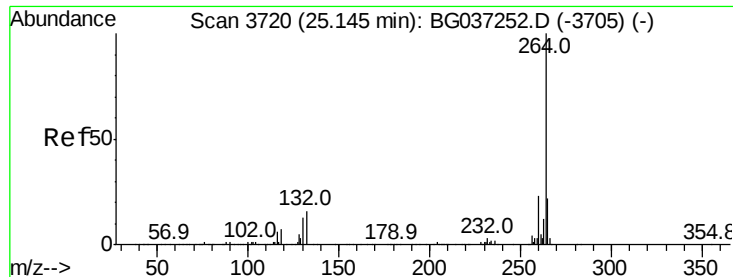


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





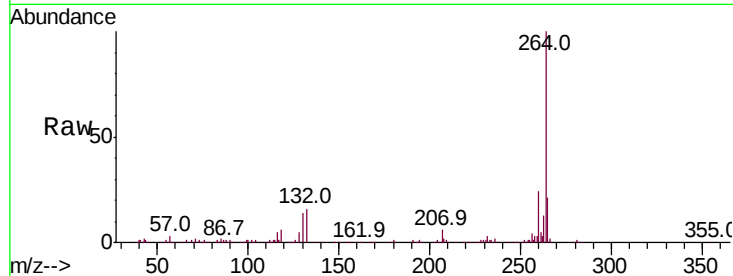
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

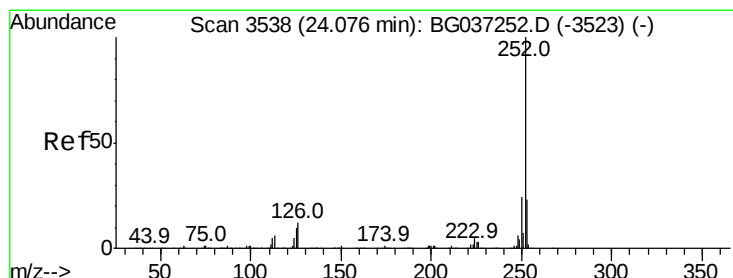
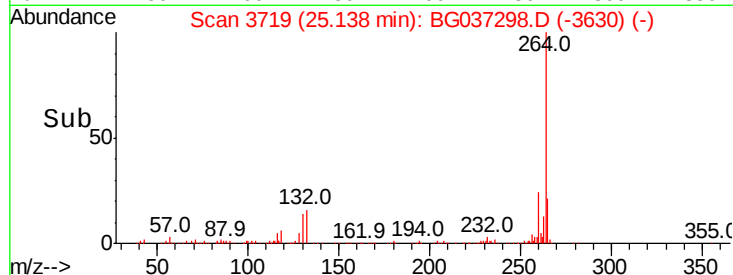
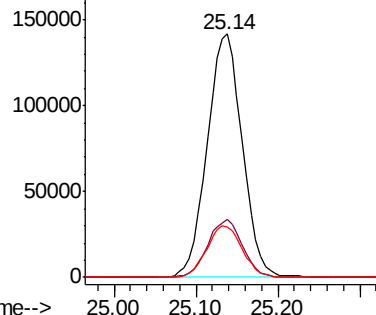
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	20.9	17.9	26.9

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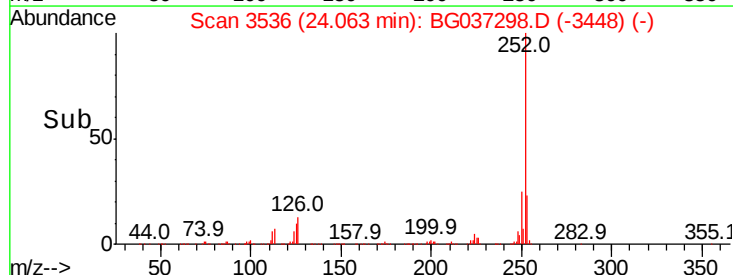
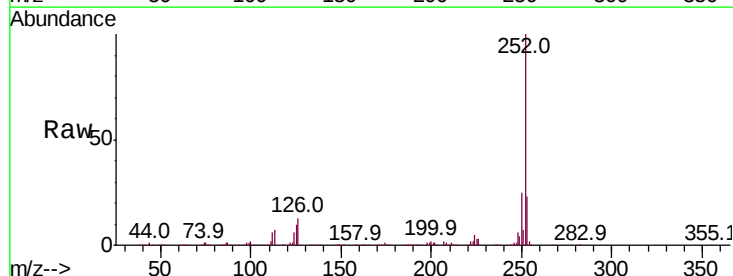
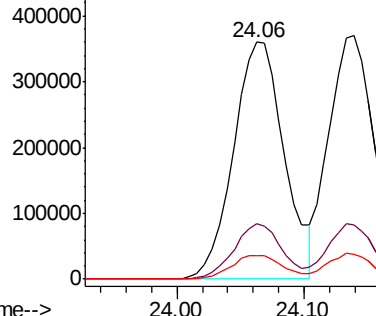
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

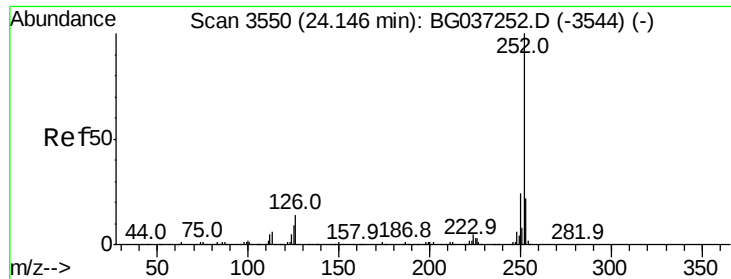


#88
Benzo(b)fluoranthene
Concen: 43.689 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.0	7.8	11.6

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





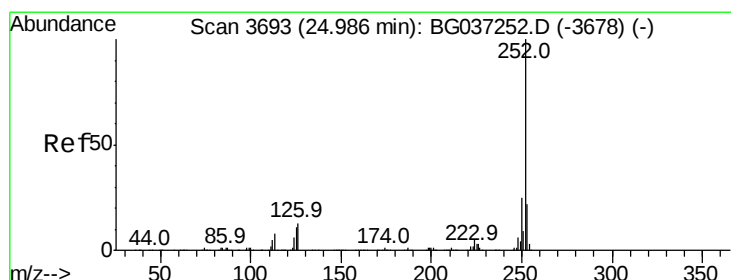
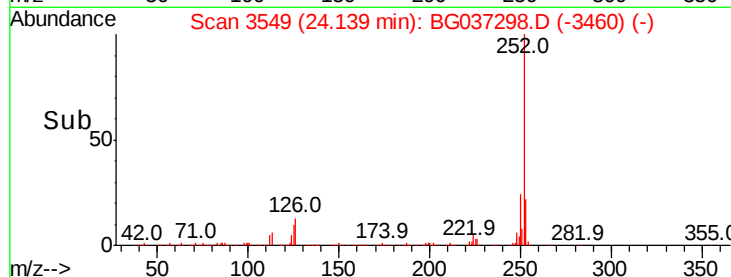
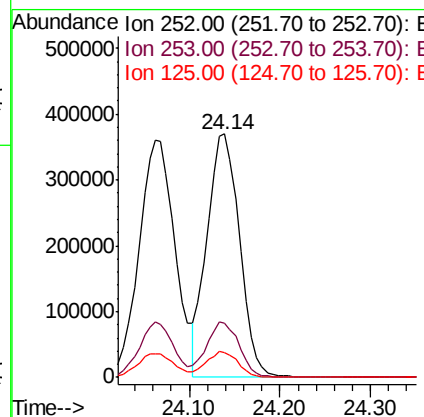
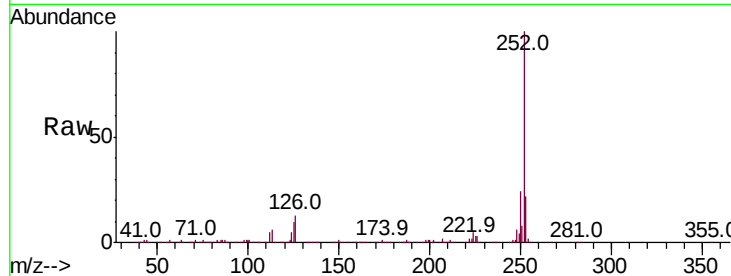
#89
Benzo(k)fluoranthene
Concen: 40.646 ng
RT: 24.14 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.1	7.4	11.0

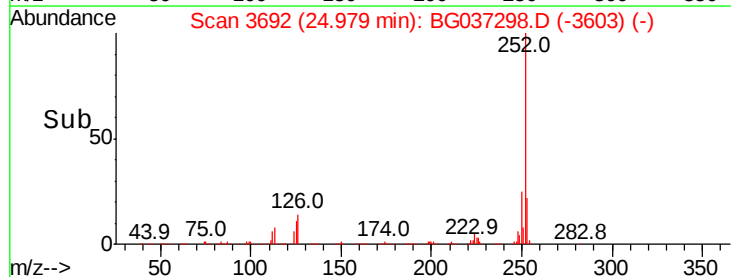
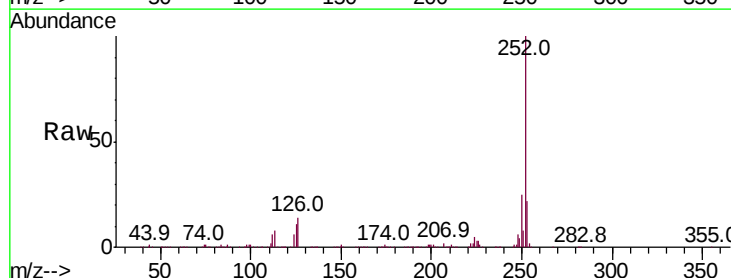
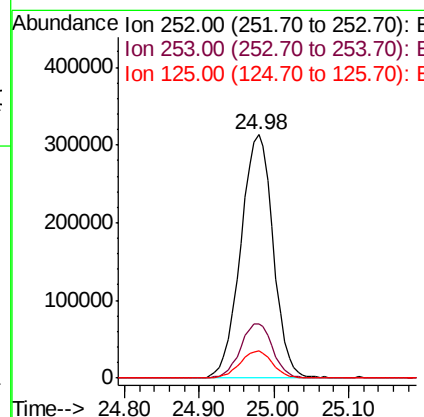
Manual Integrations
APPROVED

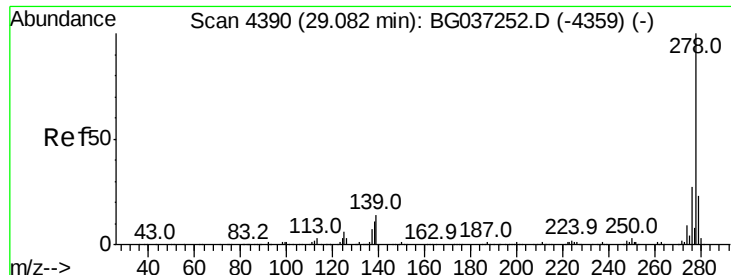
Sohil
10/15/2018 12:59:10 PM



#90
Benzo(a)pyrene
Concen: 42.943 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.0	9.0	13.6





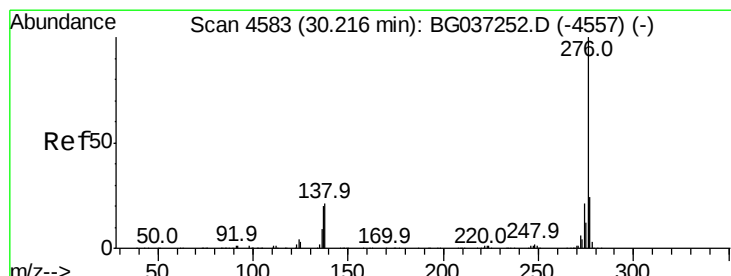
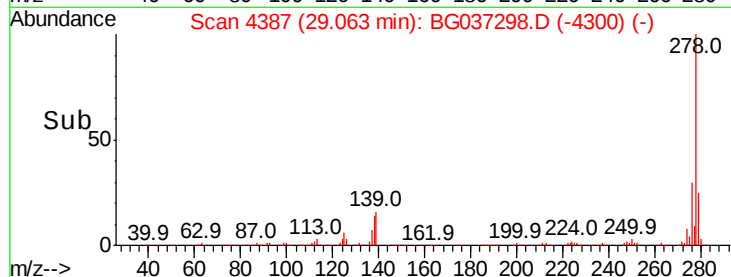
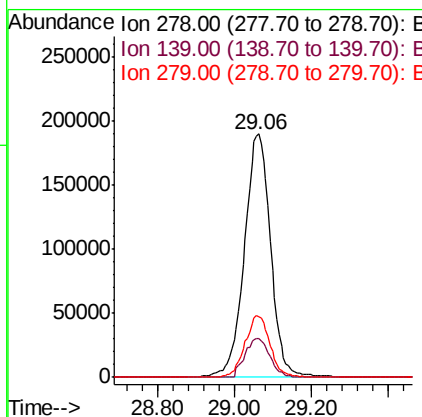
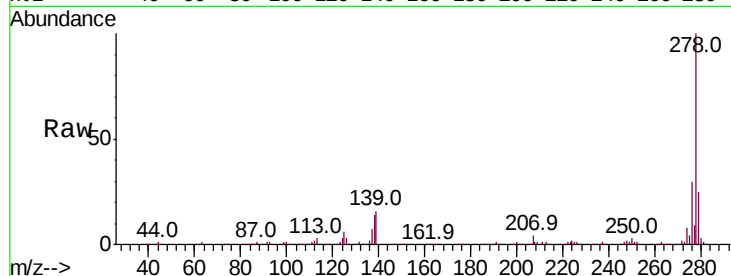
#91
Dibenzo(a,h)anthracene
Concen: 42.869 ng
RT: 29.06 min Scan# 4387
Delta R.T. -0.02 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUMMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	24.6	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/15/2018 12:59:10 PM



#92
Benzo(g,h,i)perylene
Concen: 43.317 ng
RT: 30.20 min Scan# 4580
Delta R.T. -0.02 min
Lab File: BG037298.D
Acq: 12 Oct 2018 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	20.6	17.2	25.8

