

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
 Data File : BG037224.D
 Acq On : 9 Oct 2018 19:28
 Operator : JU/SJ
 Sample : J5270-08MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Manual Integrations
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Sohil
 10/10/2018 12:41:19 PM

Quant Time: Oct 10 07:24:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	41958	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	167007	20.00	ng	0.00
38) Acenaphthene-d10	14.58	164	106283	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	276525	20.00	ng	0.00
75) Chrysene-d12	21.59	240	291907	20.00	ng	0.00
86) Perylene-d12	24.71	264	300029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	266359	121.75	ng	0.00
7) Phenol-d6	7.12	99	338461	99.99	ng	0.00
23) Nitrobenzene-d5	9.11	82	263773	84.58	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	167665	131.85	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	559088	78.35	ng	0.00
78) Terphenyl-d14	19.94	244	1035023	93.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	40430	40.385	ng	# 89
3) Pyridine	3.82	79	100661	34.823	ng	98
4) n-Nitrosodimethylamine	3.73	42	55979	43.571	ng	# 91
6) Aniline	7.28	93	75498	17.189	ng	99
8) 2-Chlorophenol	7.51	128	113445	44.657	ng	98
9) Benzaldehyde	7.09	77	60285	26.952	ng	92
10) Phenol	7.14	94	132855	38.030	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	111292	34.440	ng	99
12) 1,3-Dichlorobenzene	7.84	146	122663	39.385	ng	98
13) 1,4-Dichlorobenzene	7.98	146	122387	38.400	ng	98
14) 1,2-Dichlorobenzene	8.30	146	122962	39.812	ng	99
15) Benzyl Alcohol	8.19	79	103753	37.775	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	231844	37.370	ng	97
17) 2-Methylphenol	8.40	107	99487	40.884	ng	98
18) Hexachloroethane	9.03	117	50139	42.749	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	102251	36.312	ng	95
20) 3+4-Methylphenols	8.73	107	131529	38.853	ng	98
22) Acetophenone	8.77	105	183096	46.653	ng	98
24) Nitrobenzene	9.15	77	147818	44.384	ng	99
25) Isophorone	9.67	82	287734	50.493	ng	100
26) 2-Nitrophenol	9.87	139	62242	46.887	ng	99
27) 2,4-Dimethylphenol	9.92	122	107450	51.962	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	156495	44.506	ng	99
29) 2,4-Dichlorophenol	10.41	162	113365	47.292	ng	93
30) 1,2,4-Trichlorobenzene	10.62	180	126802	42.270	ng	97
31) Naphthalene	10.81	128	382160	48.093	ng	98
33) 4-Chloroaniline	10.93	127	12818	3.548	ng	99
34) Hexachlorobutadiene	11.09	225	85906	41.410	ng	92
35) Caprolactam	11.72	113	37224m	37.729	ng	
36) 4-Chloro-3-methylphenol	12.04	107	135025	47.208	ng	96
37) 2-Methylnaphthalene	12.41	142	279110	46.118	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	157016	42.357	ng	98
40) Hexachlorocyclopentadiene	12.76	237	183121	96.051	ng	95
42) 2,4,6-Trichlorophenol	13.02	196	103799	50.425	ng	97

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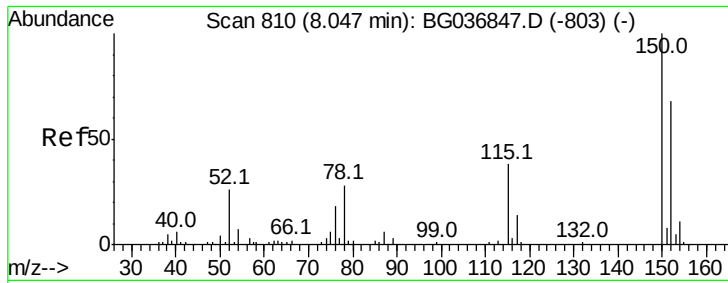
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.09	196	102757	46.814	nq	96
45) 1,1'-Biphenyl	13.42	154	362570	44.543	nq	98
46) 2-Chloronaphthalene	13.46	162	279481	43.660	nq	98
47) 2-Nitroaniline	13.67	65	104216	47.070	nq	96
48) Acenaphthylene	14.31	152	476652	47.519	nq	99
49) Dimethylphthalate	14.04	163	386188	45.141	nq	99
50) 2,6-Dinitrotoluene	14.16	165	86366	46.270	nq	97
51) Acenaphthene	14.65	154	269594	44.470	nq	97
52) 3-Nitroaniline	14.50	138	26685	13.567	nq	93
53) 2,4-Dinitrophenol	14.71	184	27567	36.150	nq	89
54) Dibenzofuran	14.98	168	450421	43.925	nq	100
55) 4-Nitrophenol	14.81	139	108803	86.590	nq	95
56) 2,4-Dinitrotoluene	14.95	165	119841	46.012	nq	94
57) Fluorene	15.63	166	365490	47.687	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.21	232	102583	46.070	nq	99
59) Diethylphthalate	15.41	149	394257	45.692	nq	99
60) 4-Chlorophenyl-phenylether	15.63	204	198732	40.943	nq	98
61) 4-Nitroaniline	15.66	138	93904	45.388	nq	99
62) Azobenzene	15.92	77	383949	46.310	nq	98
64) 4,6-Dinitro-2-methylphenol	15.72	198	40938	28.317	nq	100
65) n-Nitrosodiphenylamine	15.84	169	332101	43.502	nq	97
66) 4-Bromophenyl-phenylether	16.52	248	129979	41.325	nq	98
67) Hexachlorobenzene	16.64	284	133562	41.230	nq	97
68) Atrazine	16.79	200	148787	48.134	nq	99
69) Pentachlorophenol	16.99	266	63779	31.271	nq	98
70) Phenanthrene	17.37	178	643721	48.307	nq	98
71) Anthracene	17.47	178	642842	48.787	nq	98
72) Carbazole	17.74	167	598109	46.556	nq	98
73) Di-n-butylphthalate	18.29	149	713874	50.036	nq	100
74) Fluoranthene	19.38	202	807288	50.329	nq	99
76) Benzidine	19.57	184	62248	7.054	nq	98
77) Pyrene	19.74	202	805772	46.000	nq	100
79) Butylbenzylphthalate	20.63	149	343526	49.201	nq	96
80) Benzo(a)anthracene	21.57	228	798969	46.888	nq	99
81) 3,3'-Dichlorobenzidine	21.49	252	102148	15.749	nq	97
82) Chrysene	21.63	228	743151	45.138	nq	99
83) Bis(2-ethylhexyl)phthalate	21.47	149	475922	48.793	nq	98
84) Di-n-octyl phthalate	22.66	149	801243	49.892	nq	98
85) Indeno(1,2,3-cd)pyrene	28.27	276	888028m	50.229	nq	
87) Benzo(b)fluoranthene	23.73	252	763719	47.764	nq	97
88) Benzo(k)fluoranthene	23.79	252	746452	46.533	nq	100
89) Benzo(a)pyrene	24.57	252	752503	48.680	nq	100
90) Dibenzo(a,h)anthracene	28.33	278	716168m	49.434	nq	
91) Benzo(g,h,i)perylene	29.39	276	735079m	50.557	nq	

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



#1

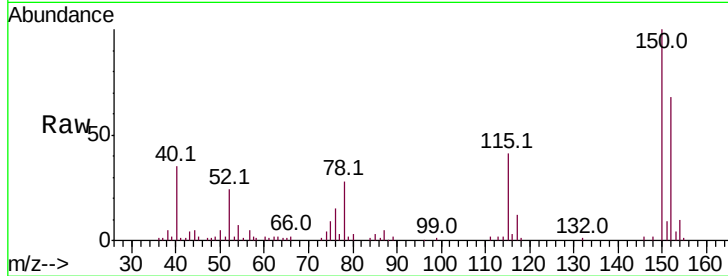
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	61.0	44.5	66.7

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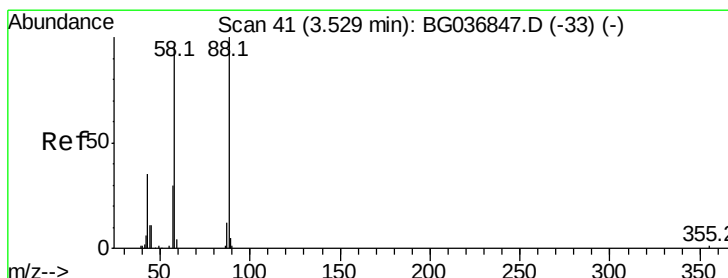
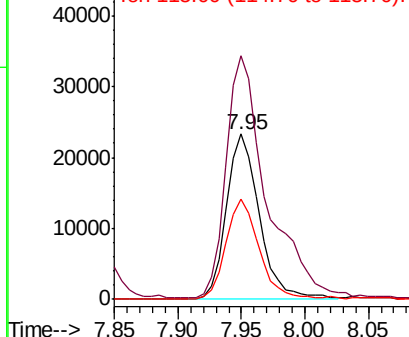
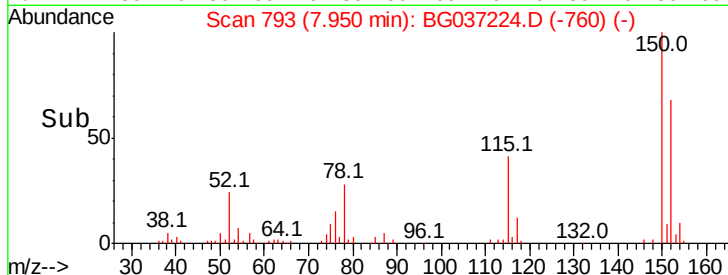


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

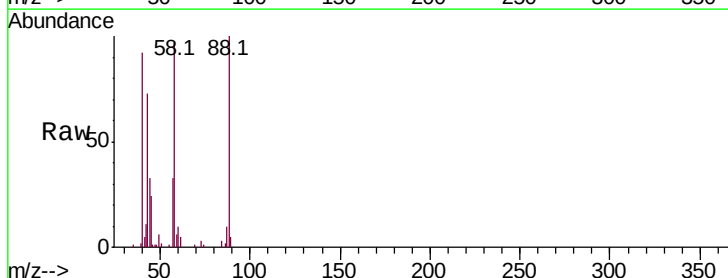
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.385 ng
RT: 3.41 min Scan# 21
Delta R.T. 0.01 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	72.6	109.0
43	58.1	29.0	43.4#

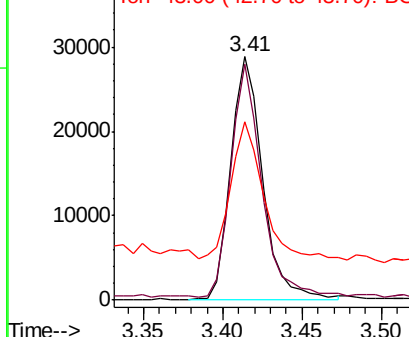
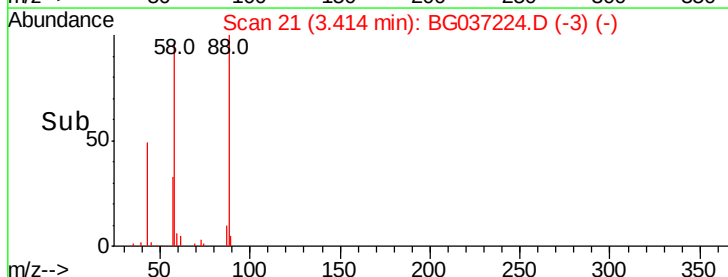


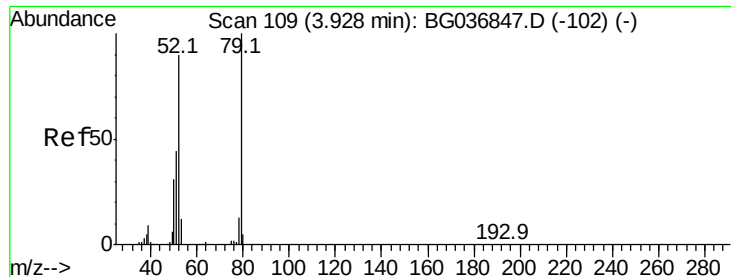
Abundance

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: 34.823 ng

RT: 3.82 min Scan# 90

Delta R.T. 0.01 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

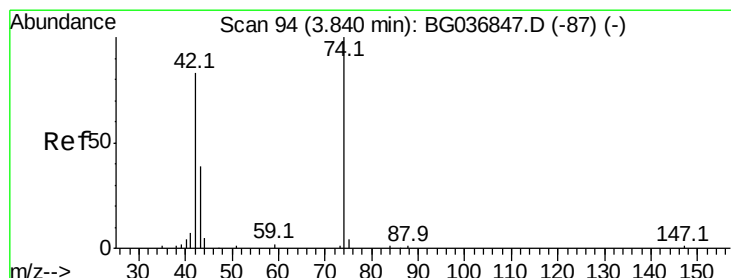
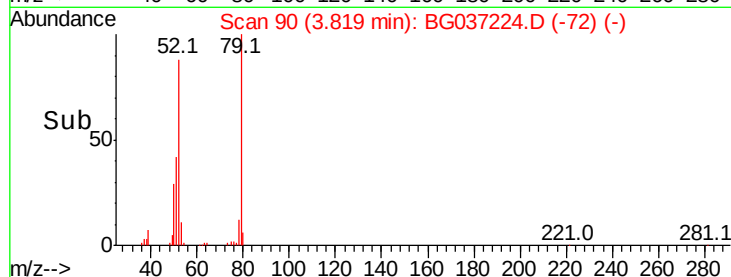
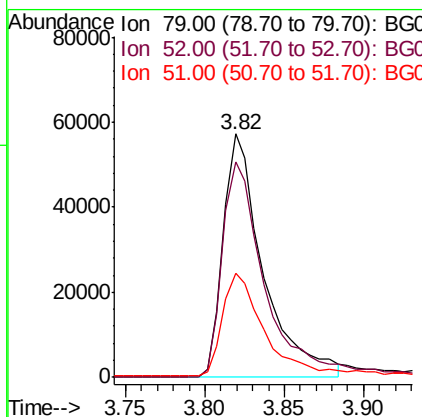
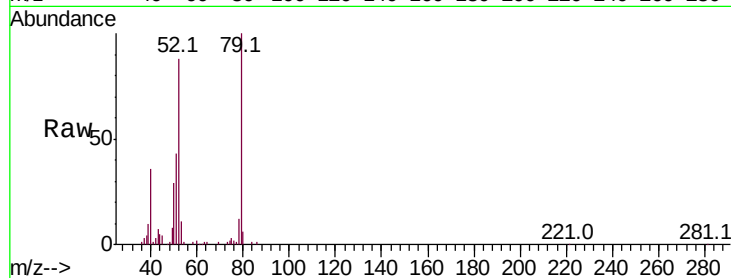
ClientSampleId :

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Tot Ion:	79	Resp:	100661
Ion Ratio	Lower	Upper	
79	100		
52	88.4	72.3	108.5
51	42.8	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 43.571 ng

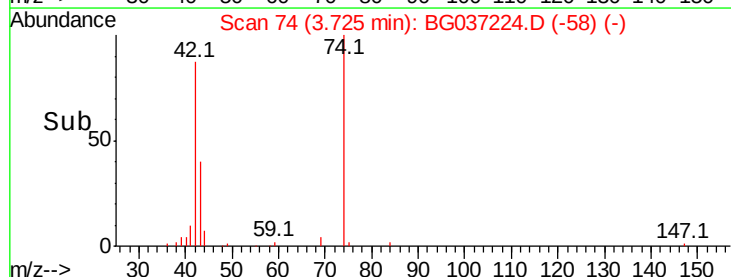
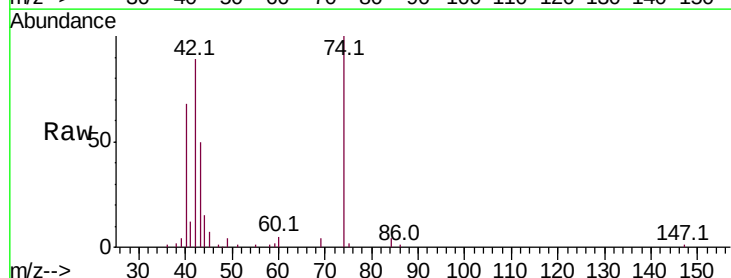
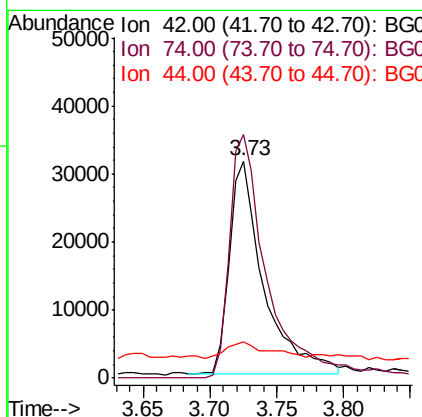
RT: 3.73 min Scan# 74

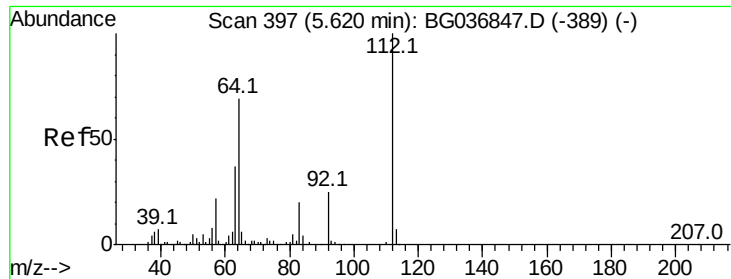
Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion:	42	Resp:	55979
Ion Ratio	Lower	Upper	
42	100		
74	112.3	96.6	145.0
44	17.0	7.0	10.4#





#5

2-Fluorophenol

Concen: 121.745 ng

RT: 5.52 min Scan# 380

Delta R.T. 0.01 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

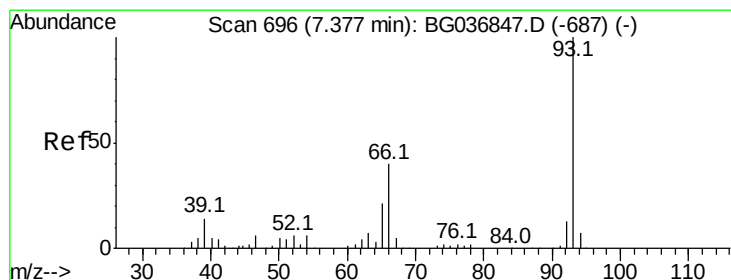
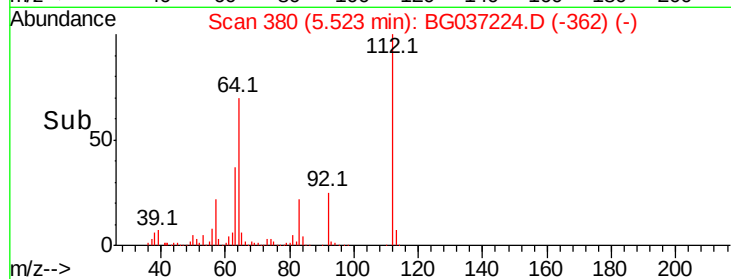
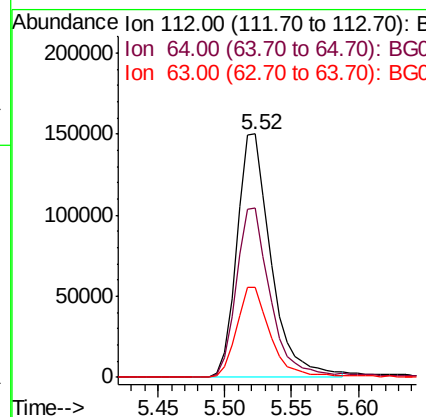
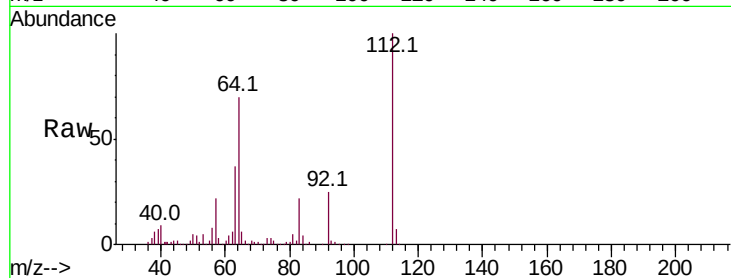
ClientSampleId :

PHASE-3-SOILMS

Tot Ion:	112	Resp:	266359
Ion Ratio	Lower	Upper	
112	100		
64	69.7	57.2	85.8
63	37.1	30.8	46.2

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#6

Aniline

Concen: 17.189 ng

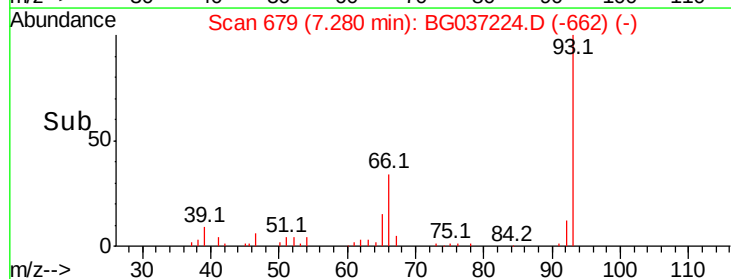
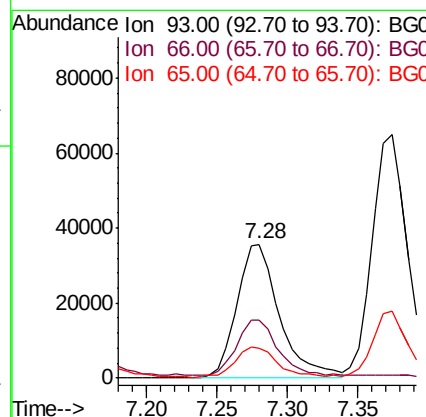
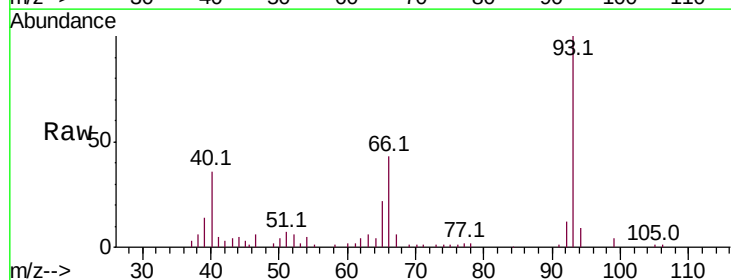
RT: 7.28 min Scan# 679

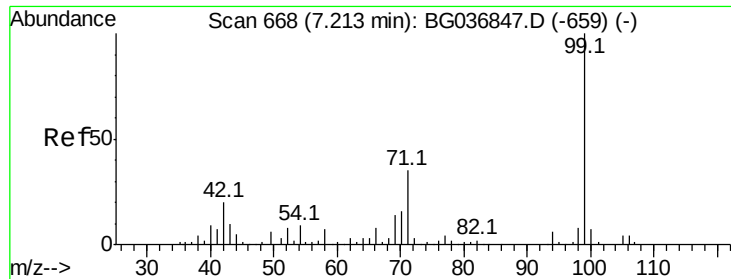
Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion:	93	Resp:	75498
Ion Ratio	Lower	Upper	
93	100		
66	43.1	35.0	52.4
65	22.0	17.6	26.4





#7

Phenol-d6

Concen: 99.990 ng

RT: 7.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

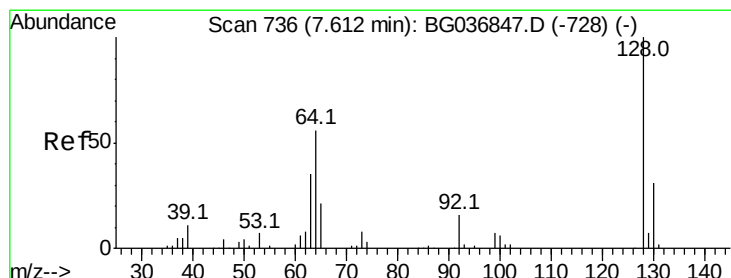
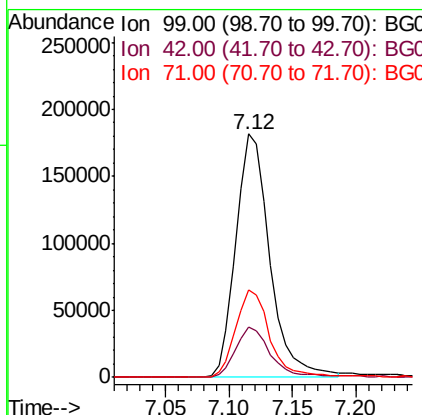
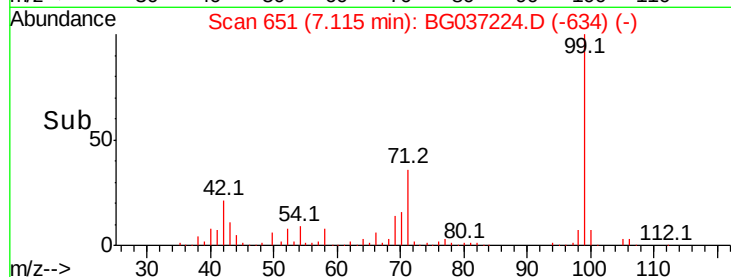
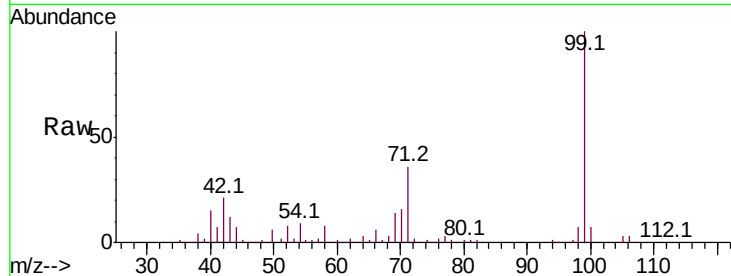
ClientSampleId :

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Tot Ion:	99	Resp:	338461
Ion Ratio	Lower	Upper	
99	100		
42	20.8	16.5	24.7
71	35.9	29.4	44.2

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#8

2-Chlorophenol

Concen: 44.657 ng

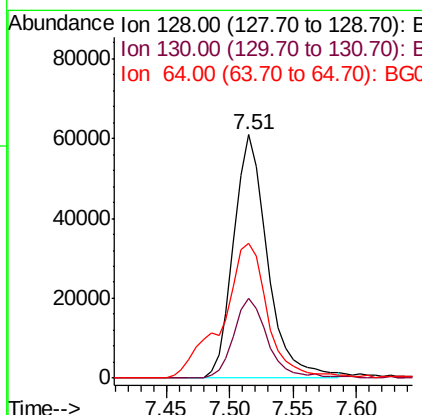
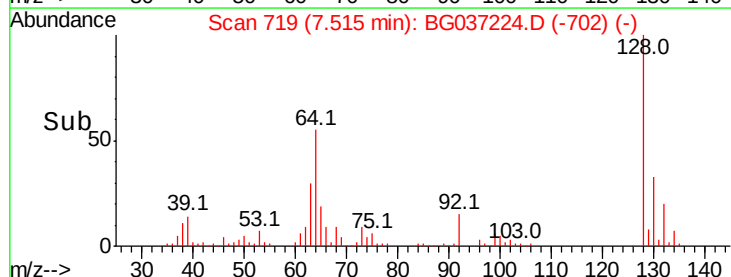
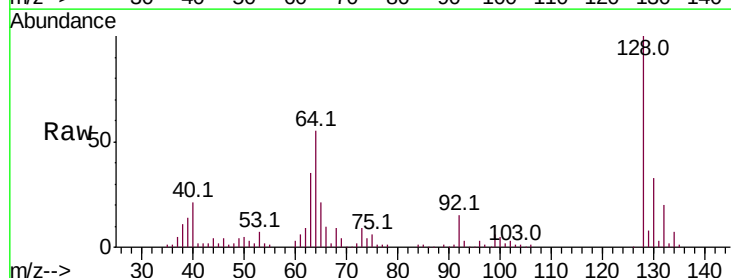
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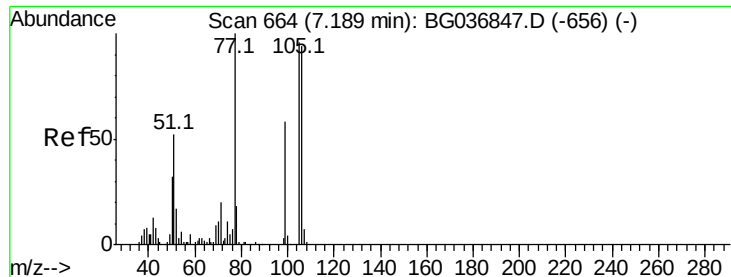
Delta R.T. 0.00 min

Lab File: BG037224.D

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Tgt Ion:	128	Resp:	113445
Ion Ratio	Lower	Upper	
128	100		
130	32.7	10.0	50.0
64	55.4	36.0	76.0





#9

Benzaldehyde

Concen: 26.952 ng

RT: 7.09 min Scan# 646

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

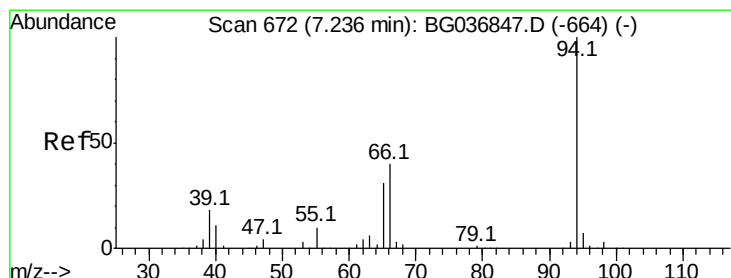
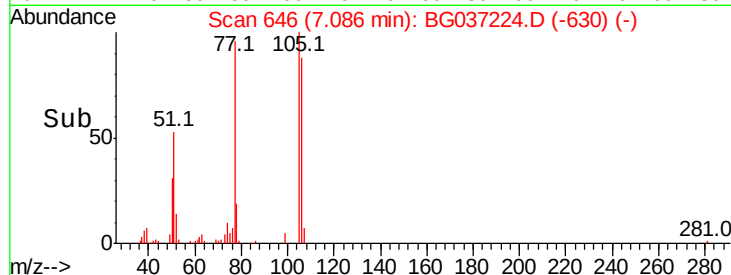
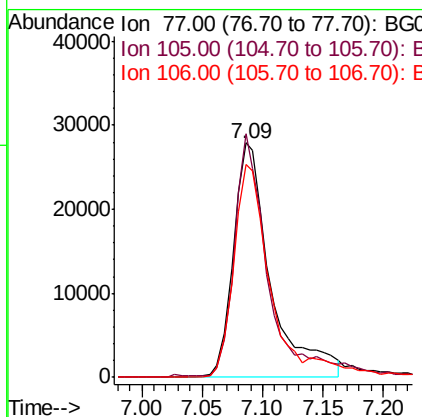
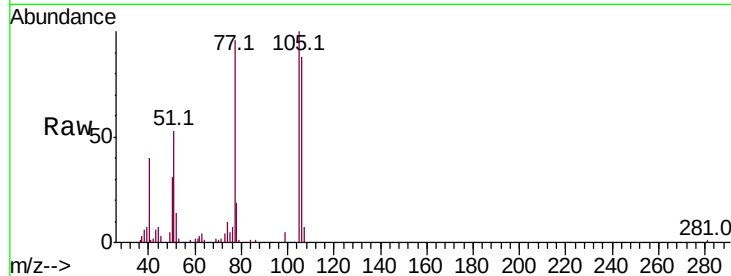
ClientSampleId :

PHASE-3-SOILMS

Tot Ion:	77	Resp:	60285
Ion	Ratio	Lower	Upper
77	100		
105	103.8	70.5	110.5
106	90.8	69.8	109.8

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#10

Phenol

Concen: 38.030 ng

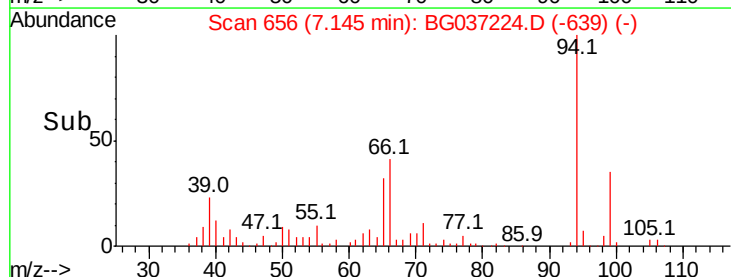
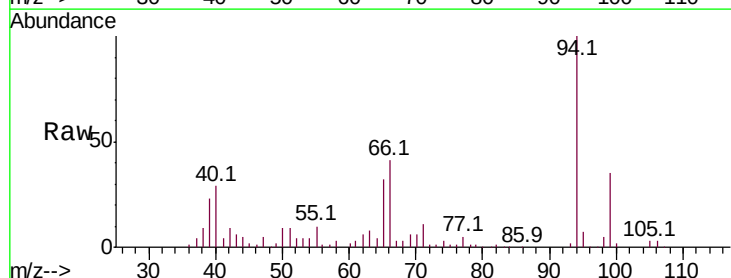
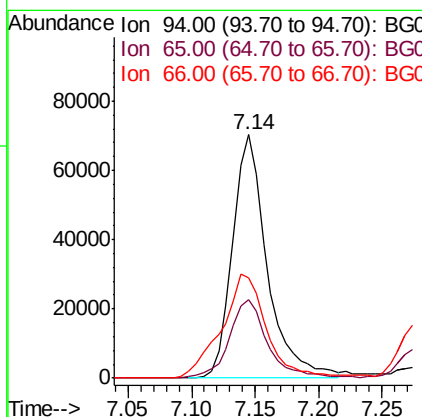
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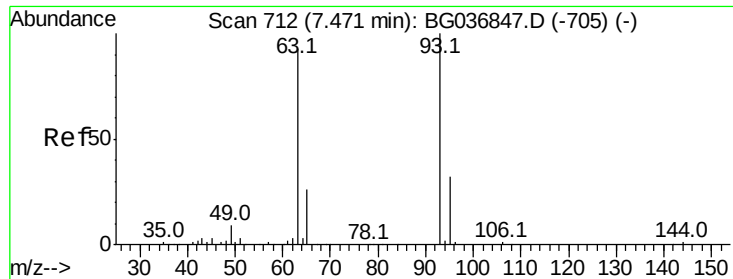
Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion:	94	Resp:	132855
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.5	51.5
66	41.0	19.5	59.5





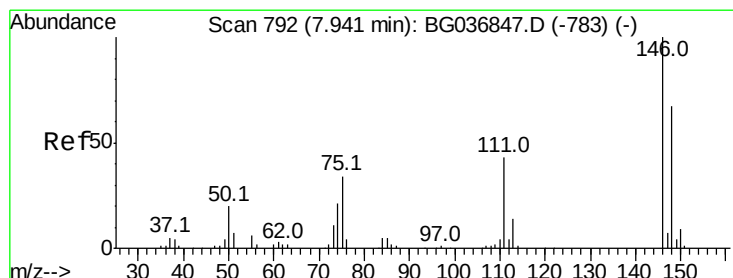
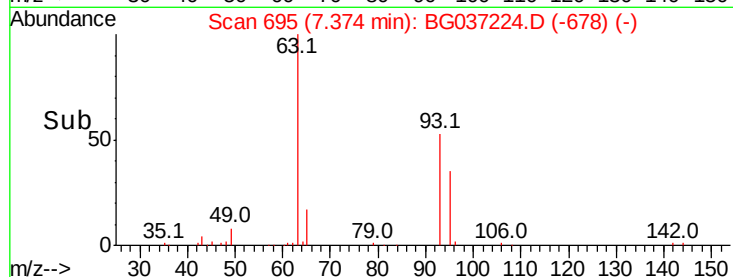
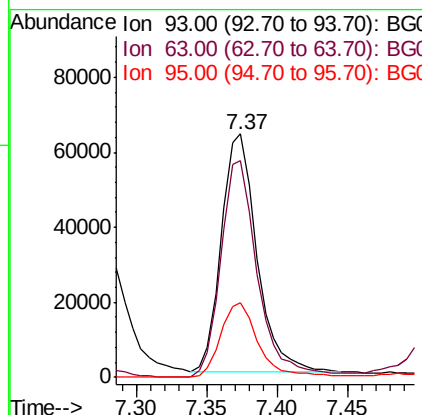
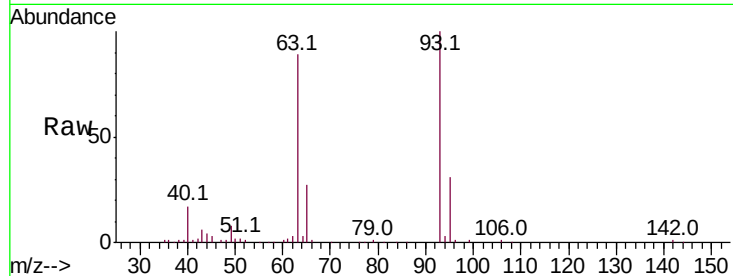
#11
bis(2-Chloroethyl)ether
Concen: 34.440 ng
RT: 7.37 min Scan# 695
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.0	69.9	109.9
95	30.5	11.7	51.7

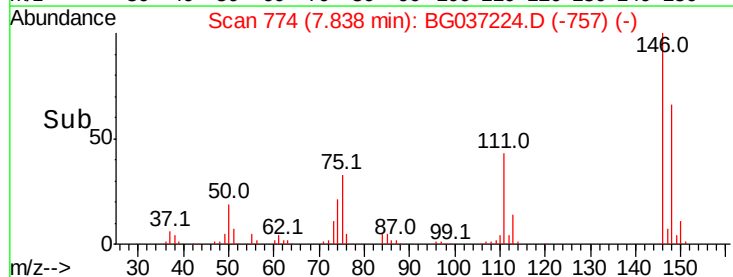
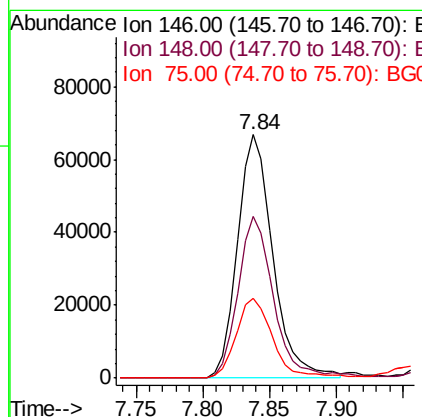
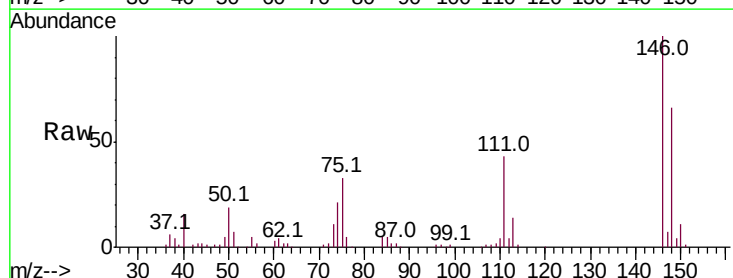
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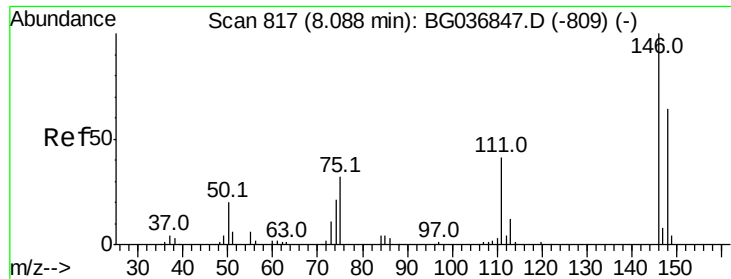
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#12
1,3-Dichlorobenzene
Concen: 39.385 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	53.8	80.6
75	32.6	27.2	40.8





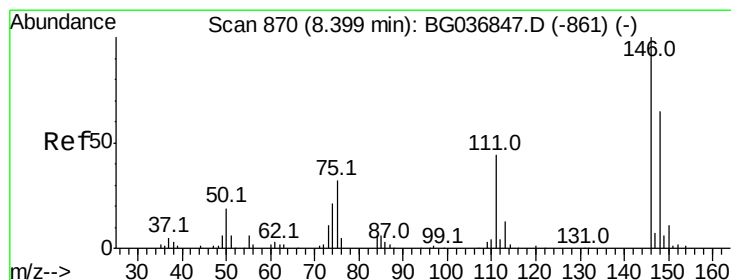
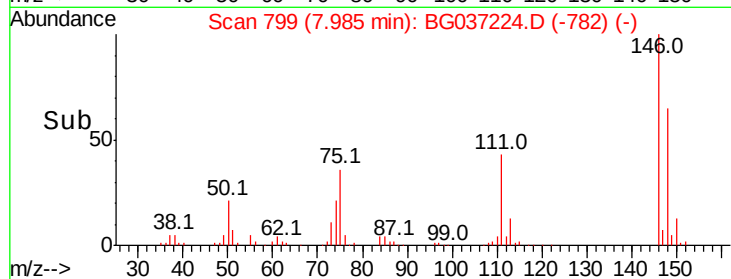
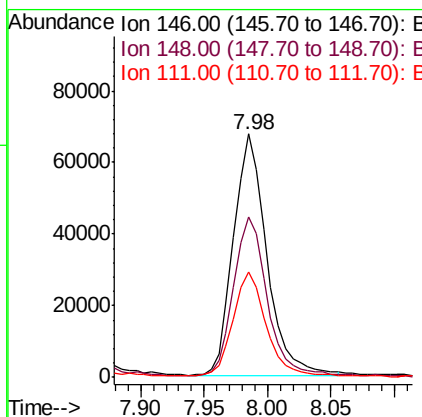
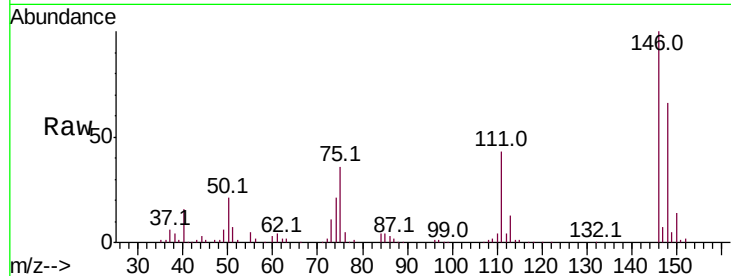
#13
1,4-Dichlorobenzene
Concen: 38.400 ng
RT: 7.98 min Scan# 799
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.9	80.9
111	43.4	33.8	50.6

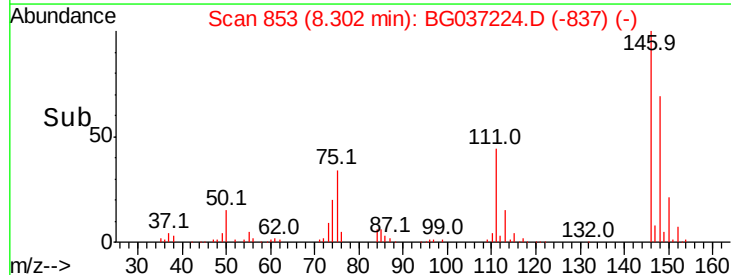
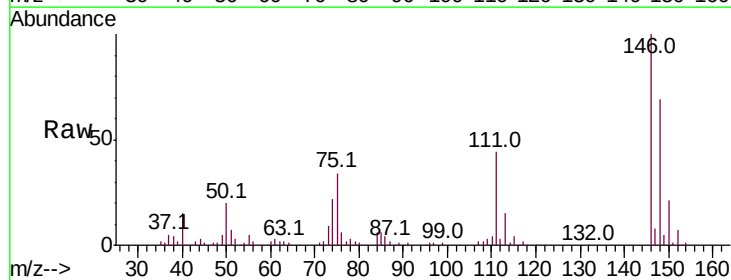
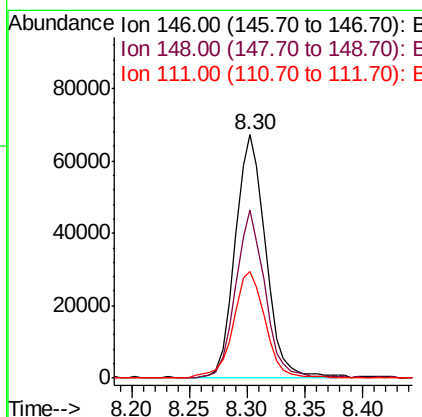
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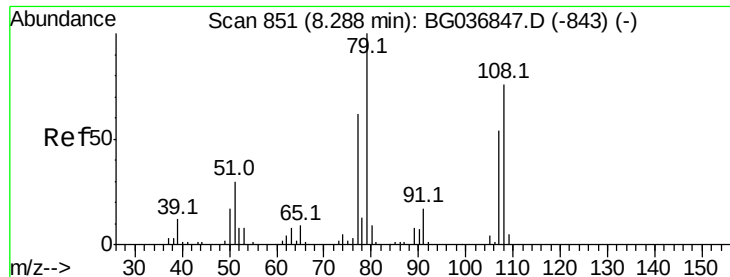
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#14
1,2-Dichlorobenzene
Concen: 39.812 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	55.0	82.6
111	44.0	34.6	51.8





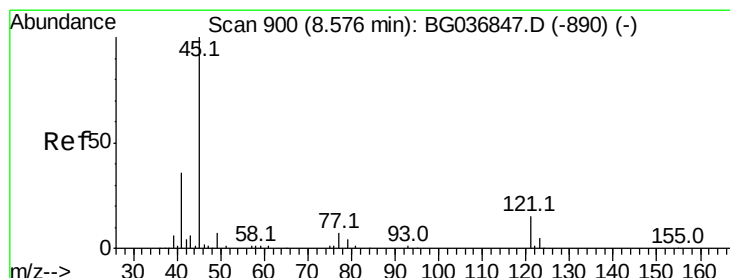
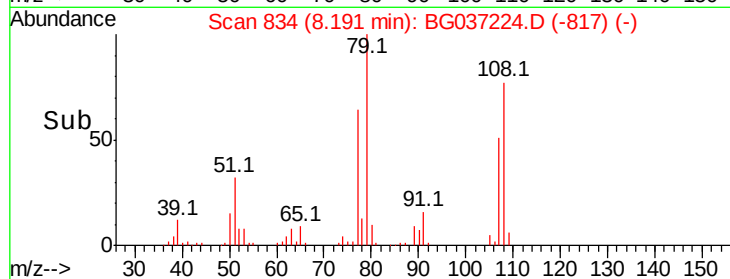
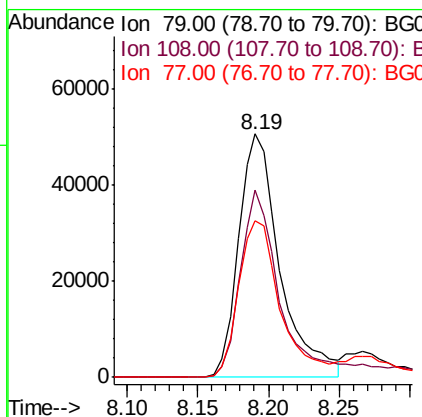
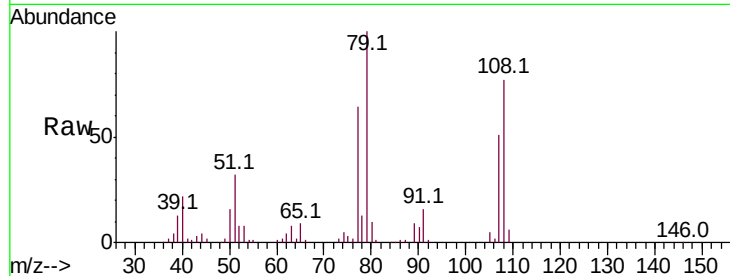
#15
Benzyl Alcohol
Concen: 37.775 ng
RT: 8.19 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion:	79	Resp:	103753
Ion Ratio	Lower	Upper	
79	100		
108	77.0	55.9	83.9
77	64.4	50.0	75.0

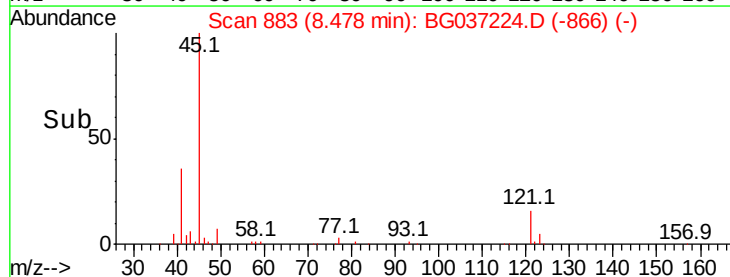
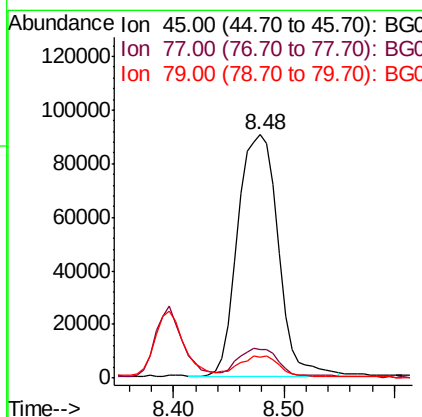
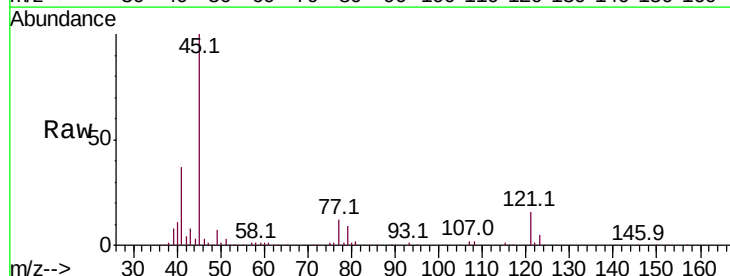
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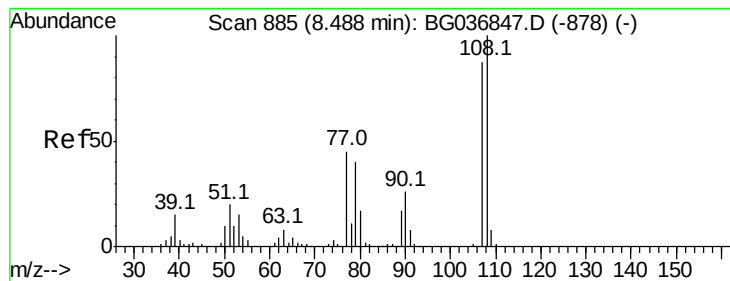
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.370 ng
RT: 8.48 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	45	Resp:	231844
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	30.5
79	8.7	0.0	27.9





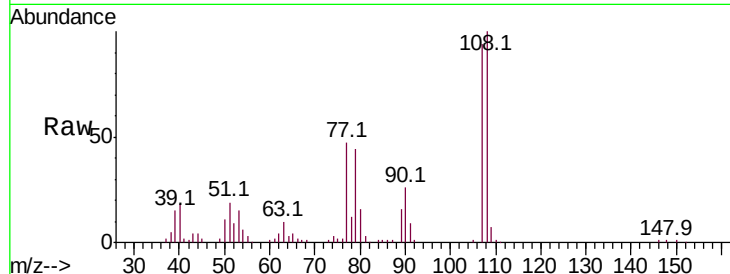
#17
2-Methylphenol
Concen: 40.884 ng
RT: 8.40 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion:	107	Resp:	99487
Ion Ratio	Lower	Upper	
107	100		
108	106.8	86.7	130.1
77	50.2	39.0	58.4
79	46.6	36.6	54.8

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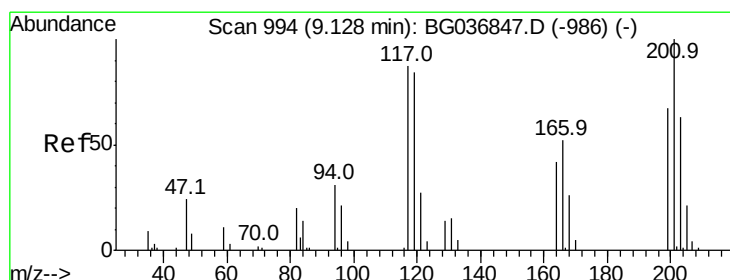
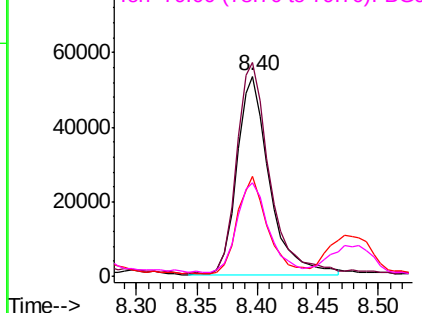
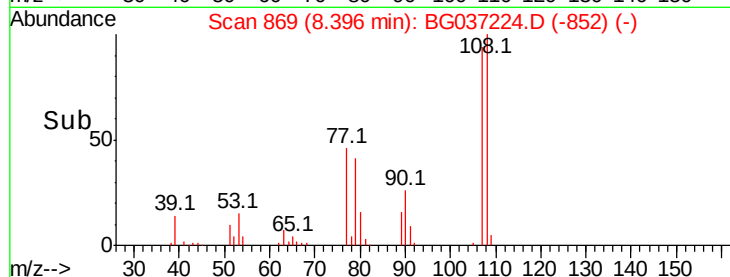
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

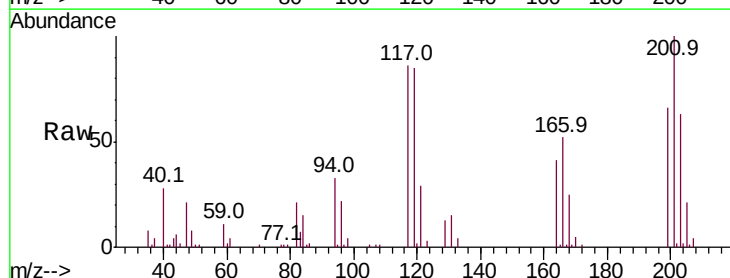
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.749 ng
RT: 9.03 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	117	Resp:	50139
Ion Ratio	Lower	Upper	
117	100		
119	98.1	76.8	115.2
201	116.0	85.7	128.5

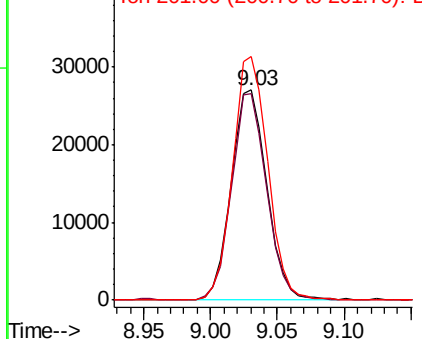
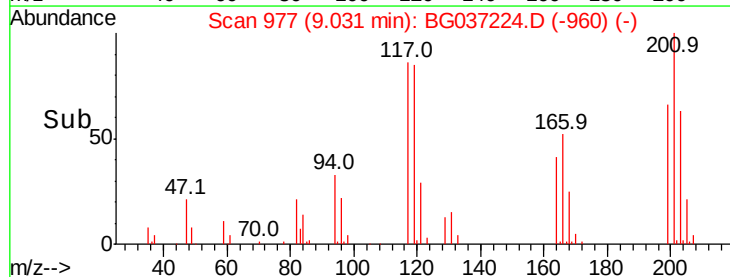


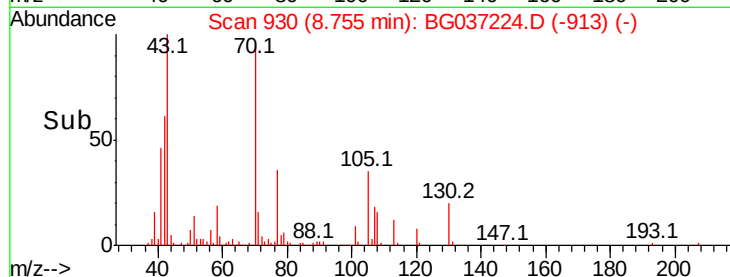
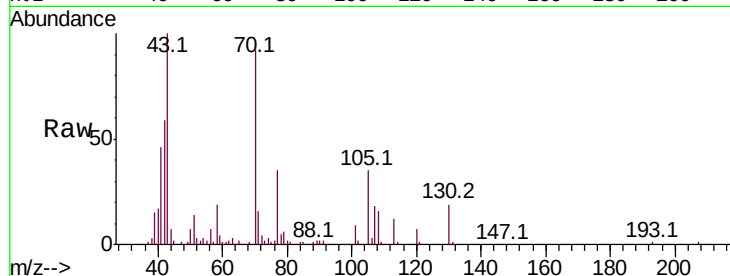
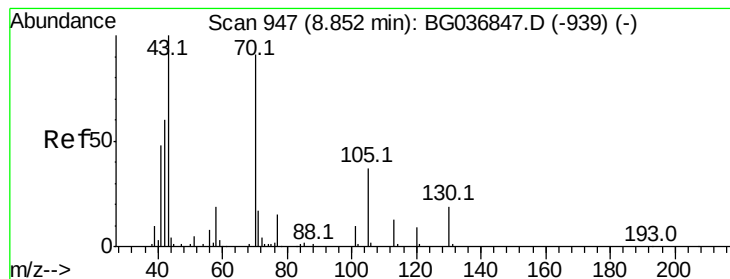
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.312 ng

RT: 8.75 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	56.2	84.4	
101	9.6	7.8	11.6	
130	21.2	16.2	24.2	

Instrument :

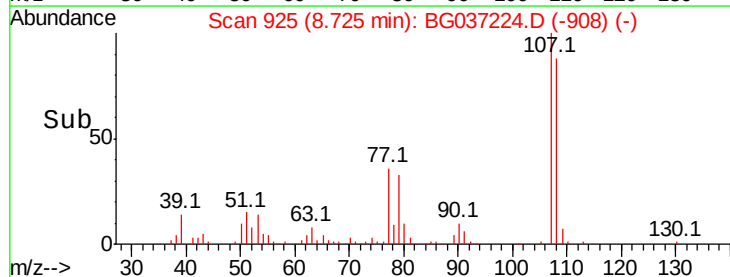
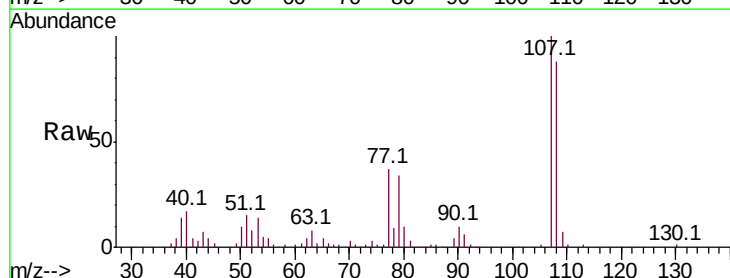
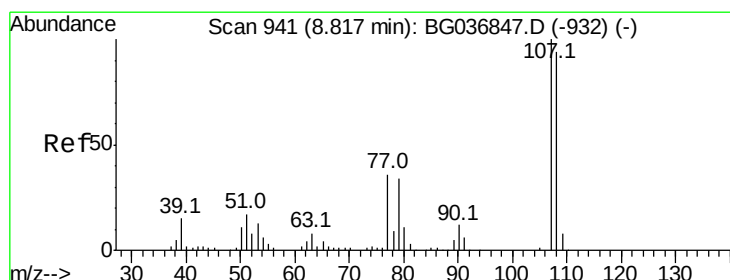
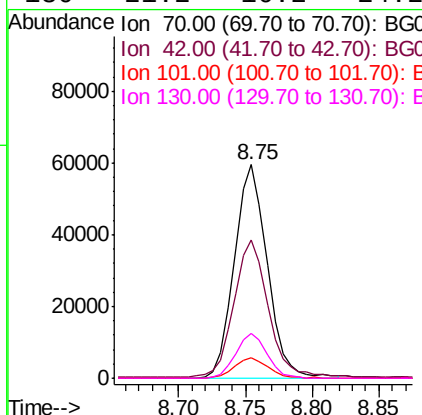
BNA_G

ClientSampleId :

PHASE-3-SOILMS

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#20

3+4-Methylphenols

Concen: 38.853 ng

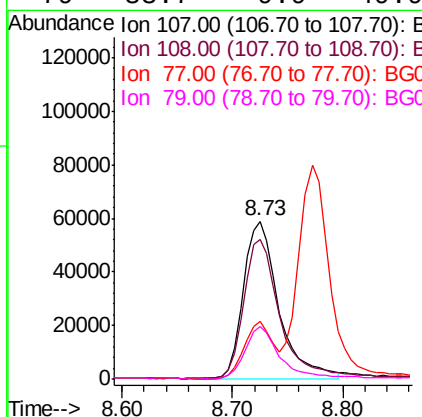
RT: 8.73 min Scan# 925

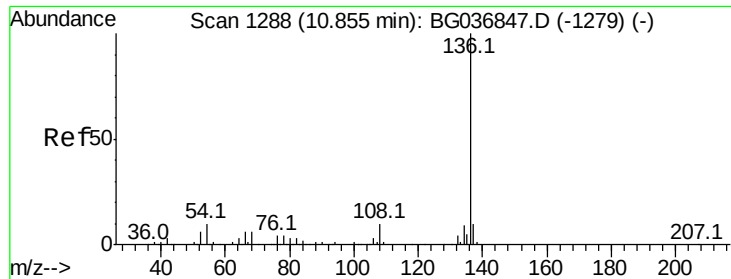
Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	68.0	108.0	
77	36.5	15.6	55.6	
79	33.7	9.9	49.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

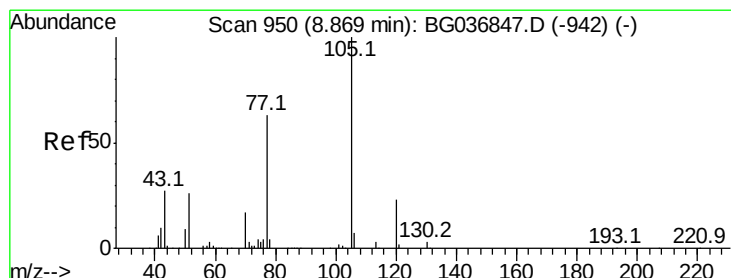
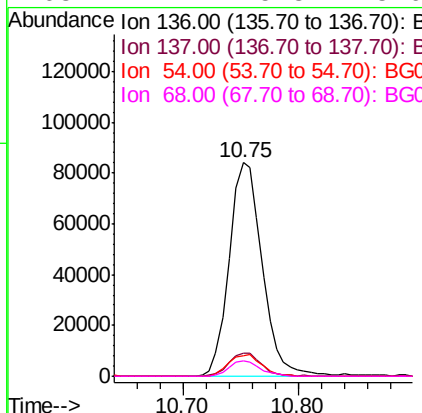
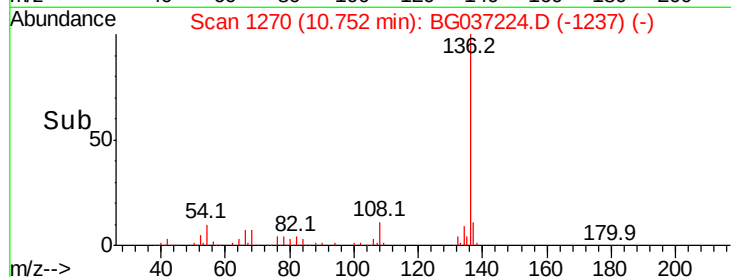
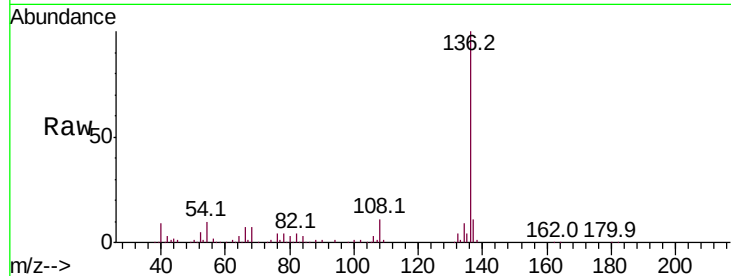
ClientSampleId :

PHASE-3-SOILMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	167007		
137	10.9		8.8	13.2
54	9.8		9.2	13.8
68	7.1		5.8	8.6

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#22

Acetophenone

Concen: 46.653 ng

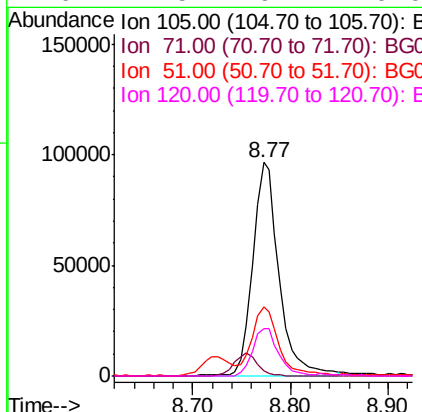
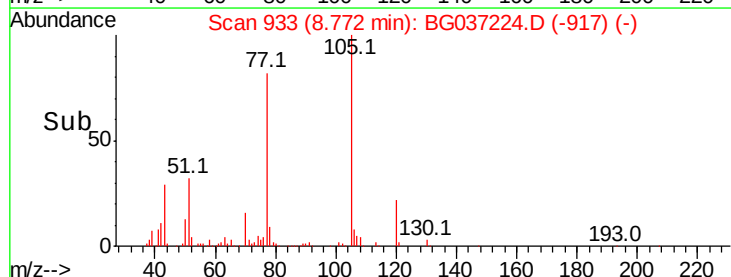
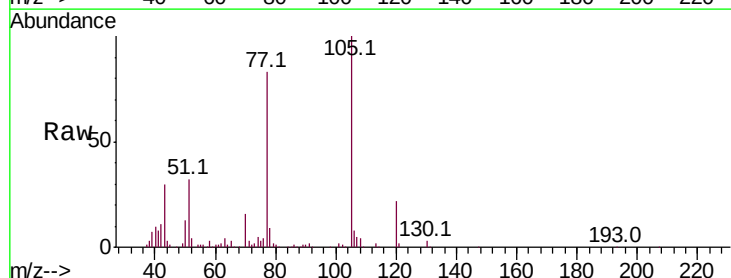
RT: 8.77 min Scan# 933

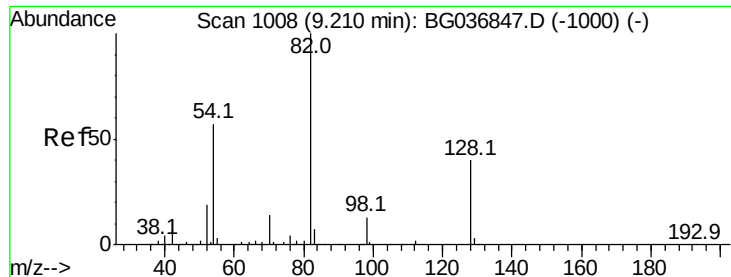
Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183096		
71	2.5		2.4	3.6
51	32.3		25.9	38.9
120	22.5		19.4	29.0





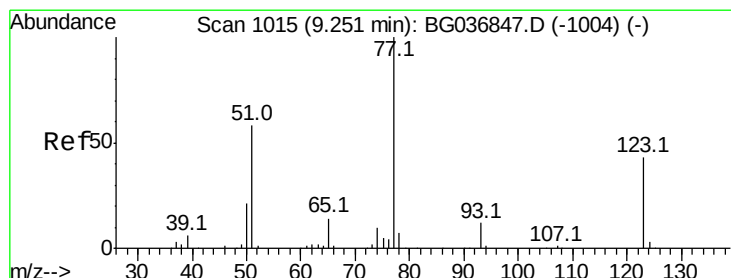
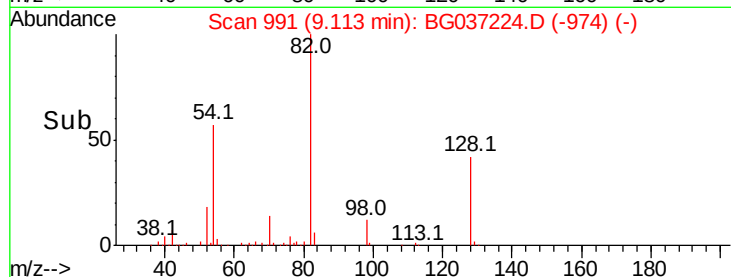
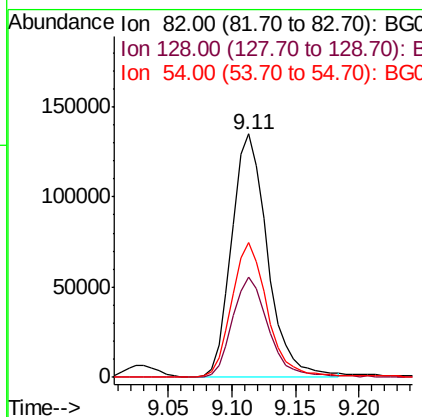
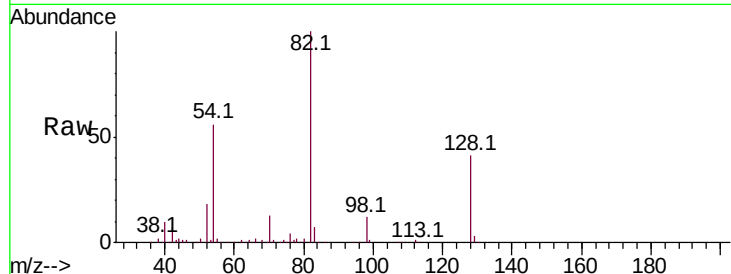
#23
 Nitrobenzene-d5
 Concen: 84.579 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	55.5	45.1	67.7

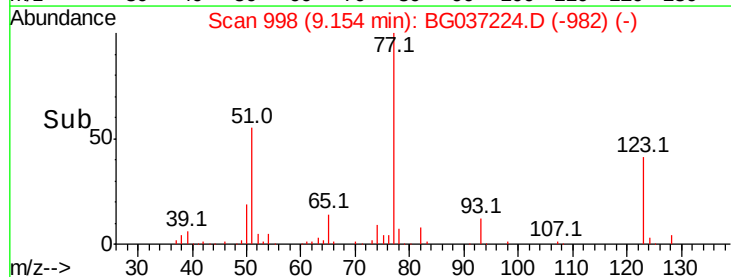
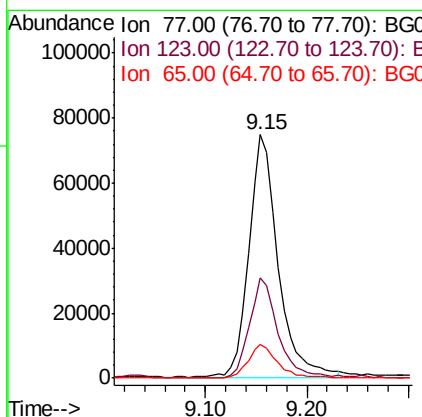
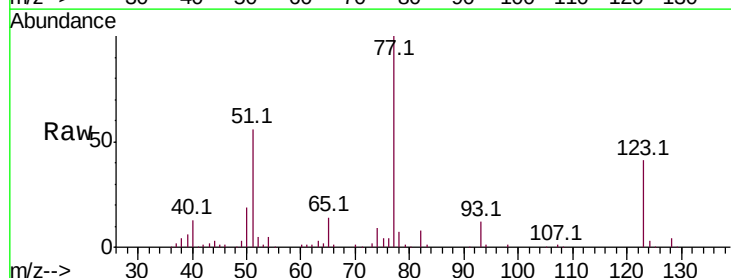
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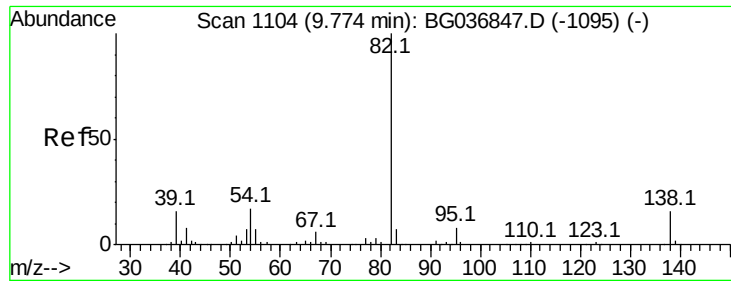
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#24
 Nitrobenzene
 Concen: 44.384 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	32.4	48.6
65	14.1	11.5	17.3





#25

Isophorone

Concen: 50.493 ng

RT: 9.67 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

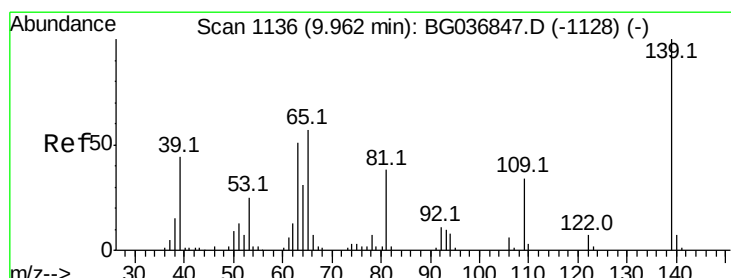
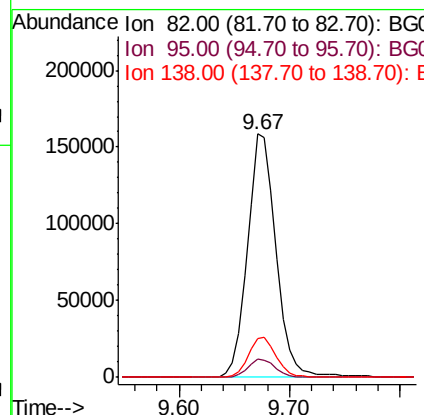
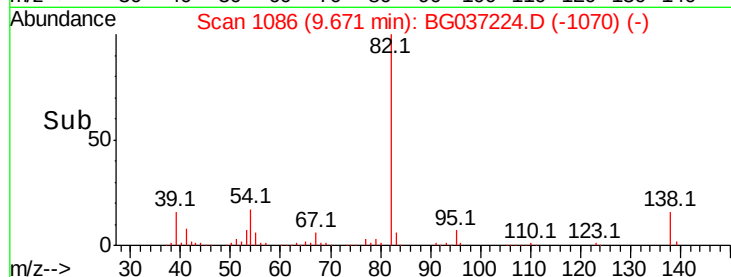
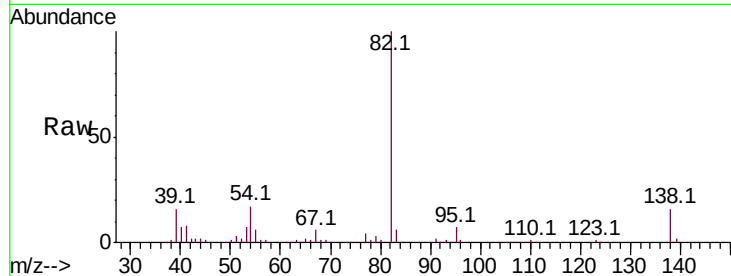
ClientSampleId :

PHASE-3-SOILMS

Tot Ion:	82	Resp:	287734
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.8
138	16.2	12.9	19.3

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#26

2-Nitrophenol

Concen: 46.887 ng

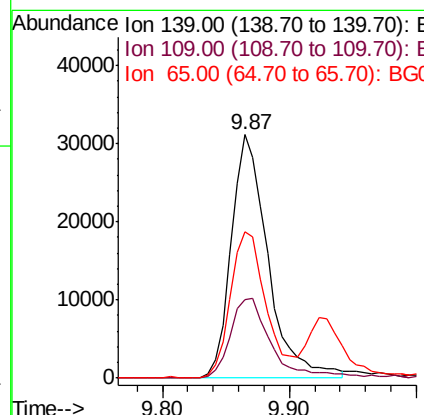
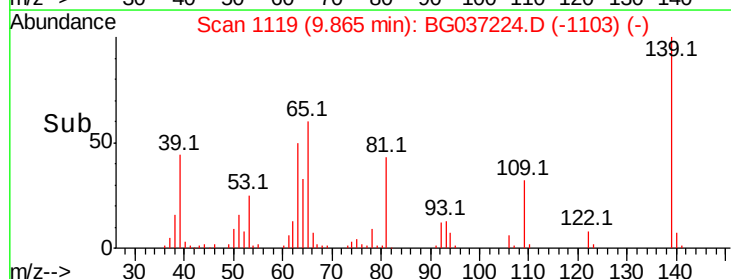
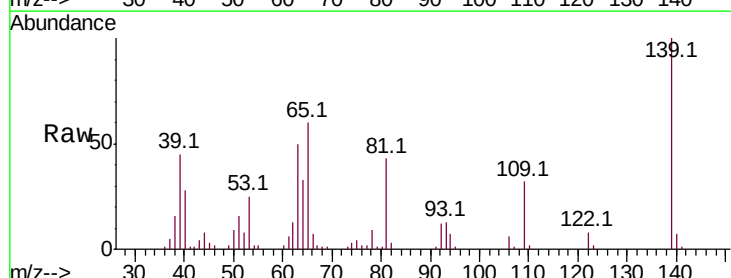
RT: 9.87 min Scan# 1119

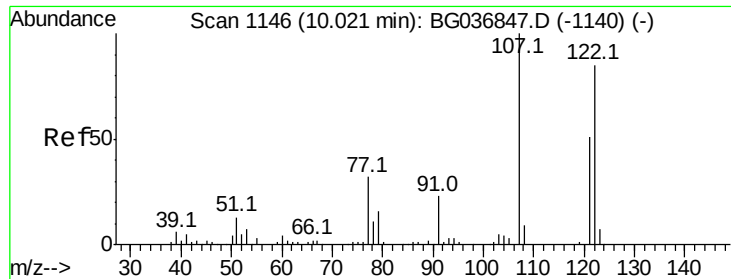
Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion:	139	Resp:	62242
Ion Ratio	Lower	Upper	
139	100		
109	32.4	27.4	41.0
65	60.0	47.8	71.6





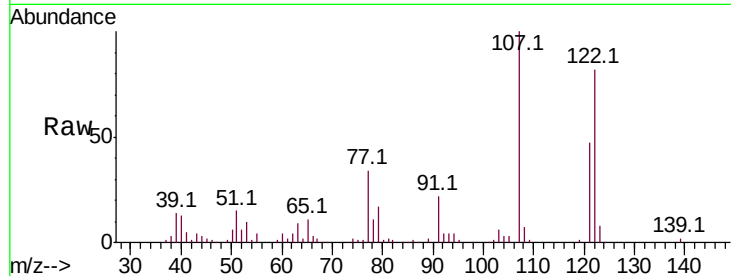
#27
 2,4-Dimethylphenol
 Concen: 51.962 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	121.4	96.0	144.0		
121	57.0	48.2	72.4		

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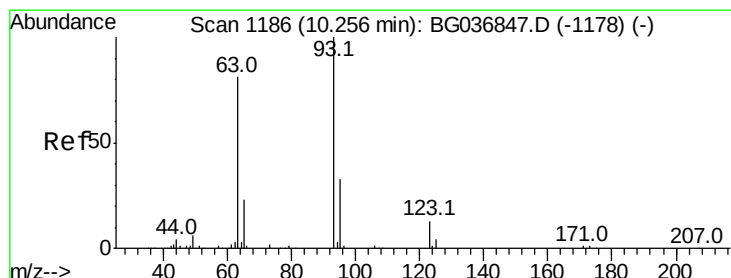
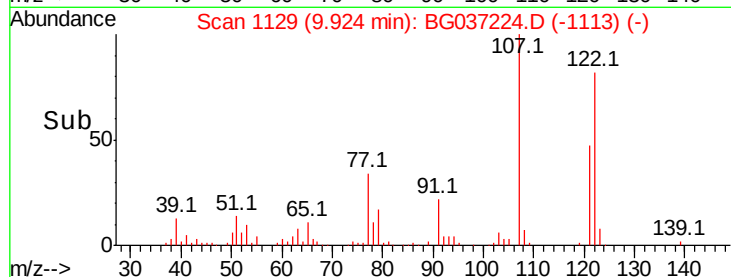
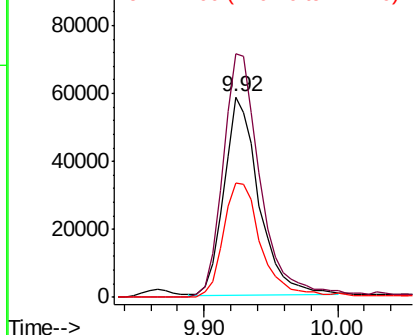


Abundance

Ion 122.00 (121.70 to 122.70): E

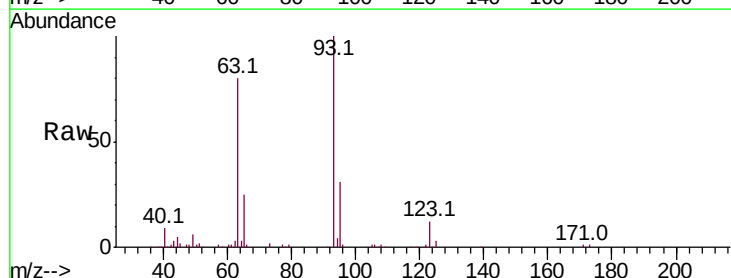
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.506 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.3	25.2	37.8		
123	11.6	8.6	12.8		

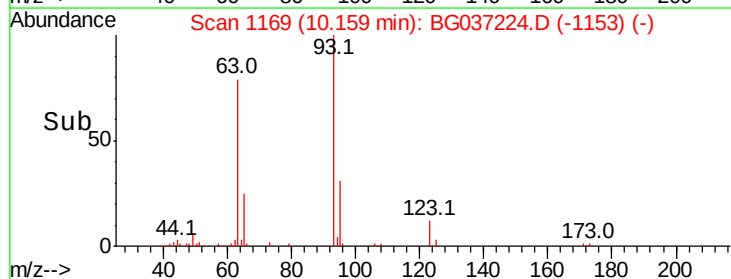
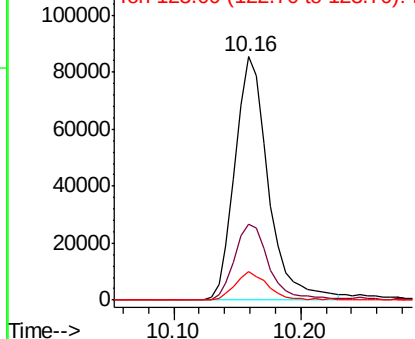


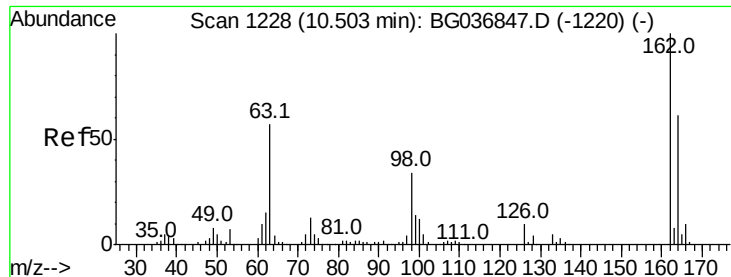
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





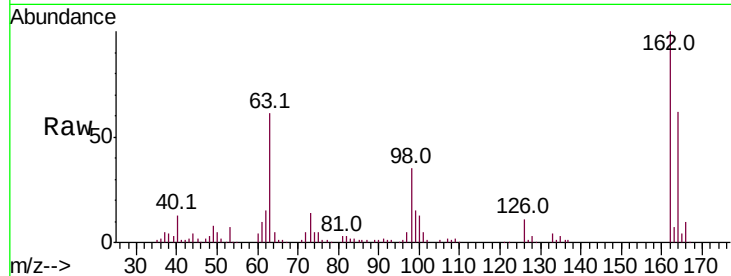
#29
 2,4-Dichlorophenol
 Concen: 47.292 ng
 RT: 10.41 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

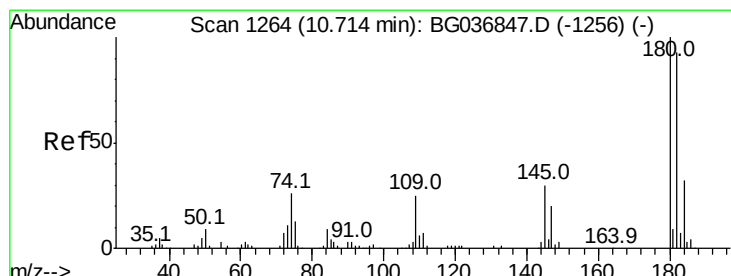
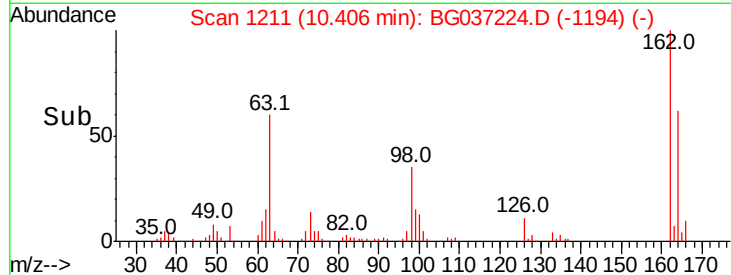
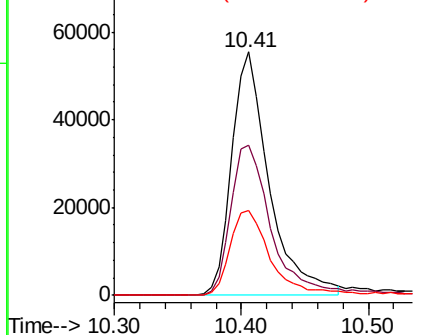
Tot Ion:	162	Resp:	113365
Ion Ratio	Lower	Upper	
162	100		
164	61.6	47.6	87.6
98	34.9	19.2	59.2

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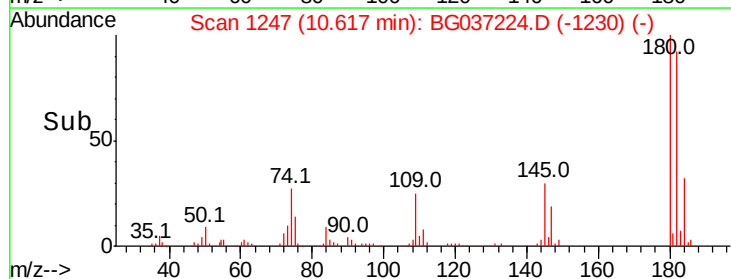
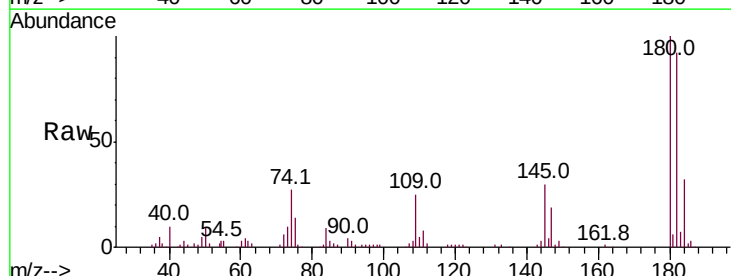
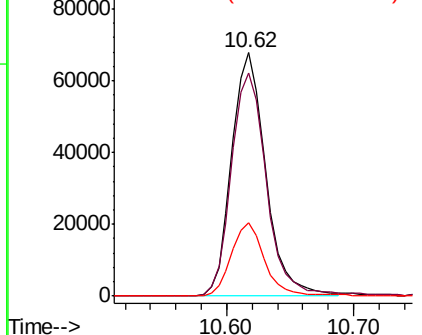
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

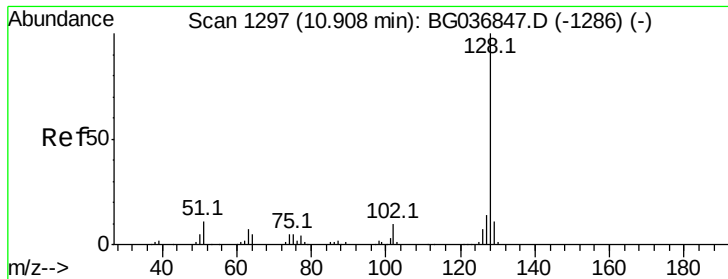


#30
 1,2,4-Trichlorobenzene
 Concen: 42.270 ng
 RT: 10.62 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:	180	Resp:	126802
Ion Ratio	Lower	Upper	
180	100		
182	91.7	76.0	114.0
145	30.3	22.9	34.3

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





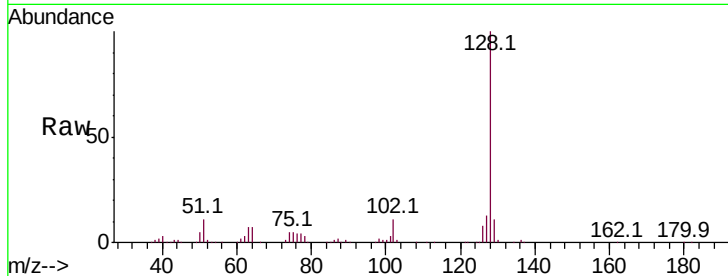
#31
Naphthalene
Concen: 48.093 ng
RT: 10.81 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.2	11.0	16.4

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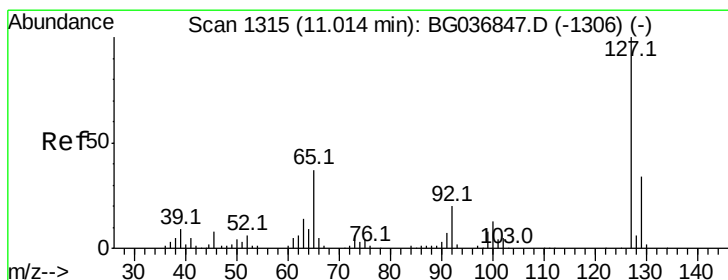
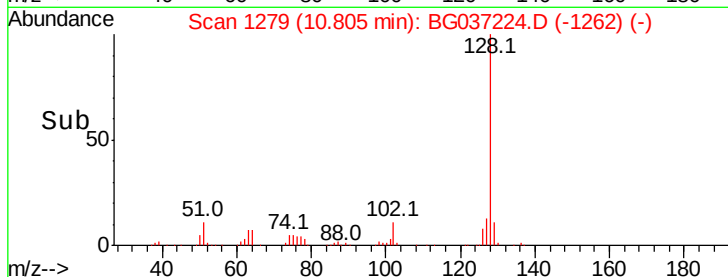
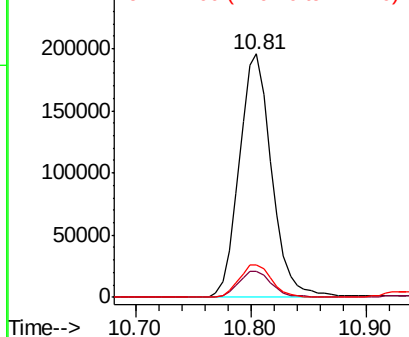


Abundance

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



#33
4-Chloroaniline
Concen: 3.548 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	34.4	27.5	41.3
92	18.7	16.2	24.2

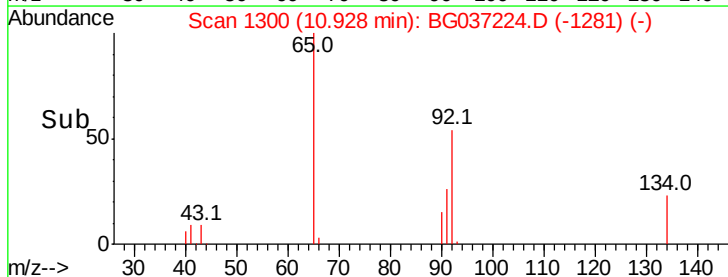
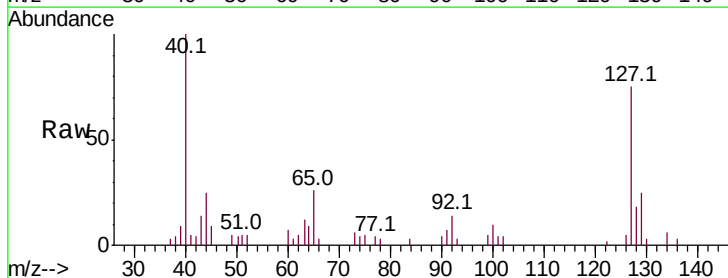
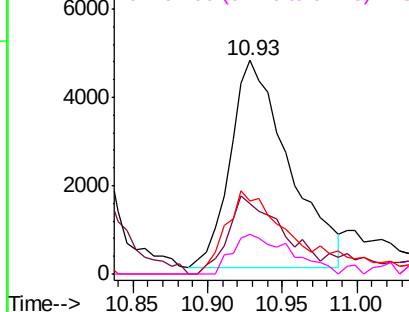
Abundance

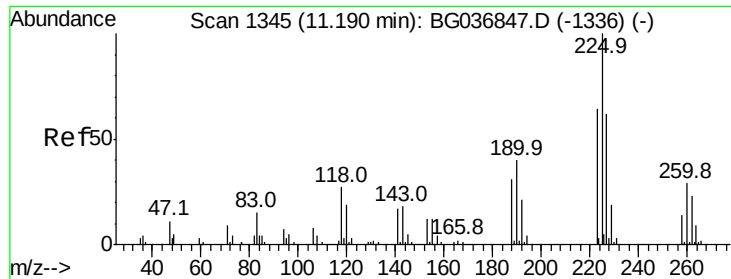
Ion 127.00 (126.70 to 127.70): E

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





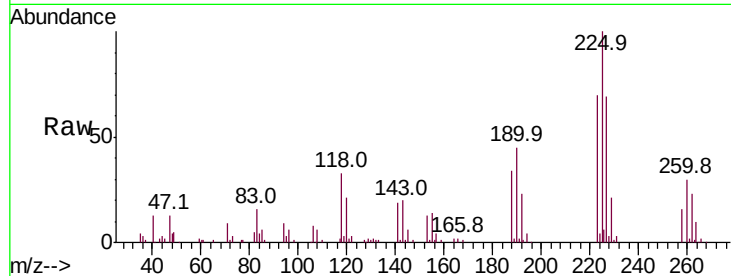
#34
Hexachlorobutadiene
Concen: 41.410 ng
RT: 11.09 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	70.2	51.8	77.8
227	69.4	49.8	74.6

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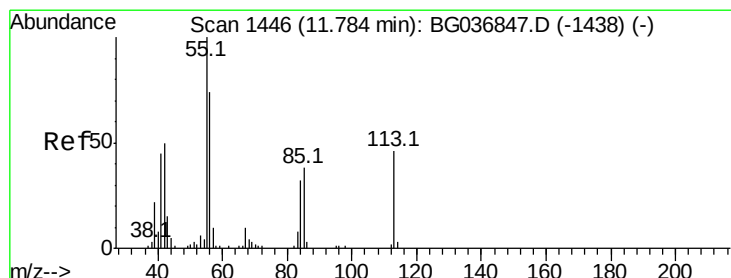
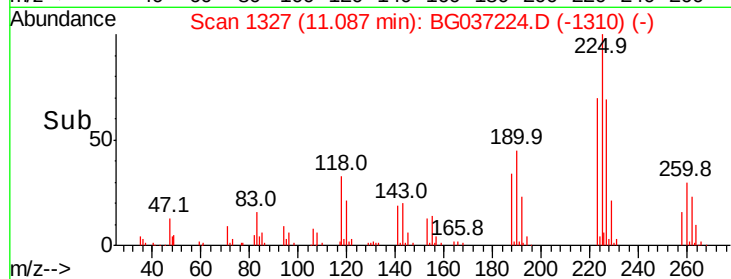
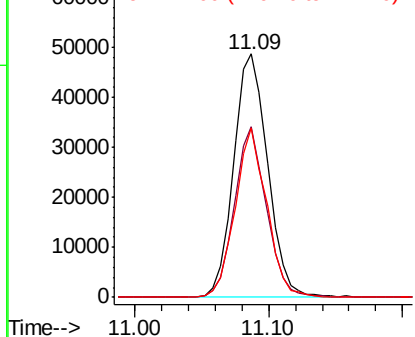


Abundance

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: 37.729 ng m
RT: 11.72 min Scan# 1434
Delta R.T. 0.02 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

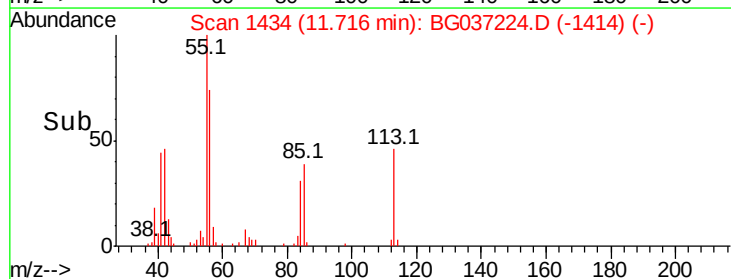
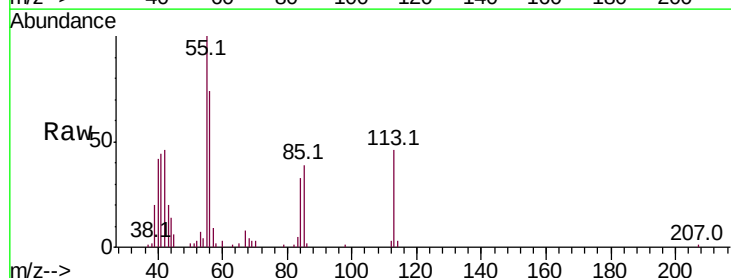
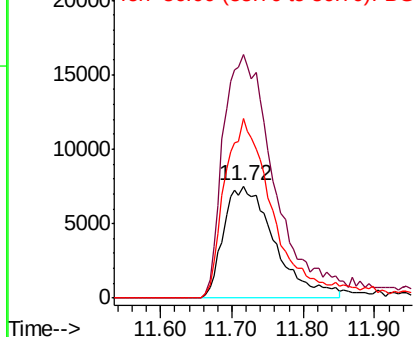
Tgt Ion	Ratio	Lower	Upper
113	100		
55	217.6	197.7	237.7
56	160.7	131.7	171.7

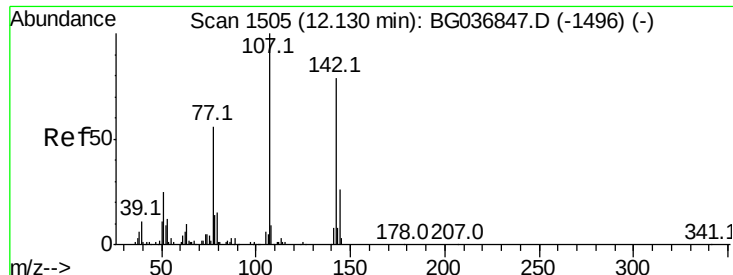
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





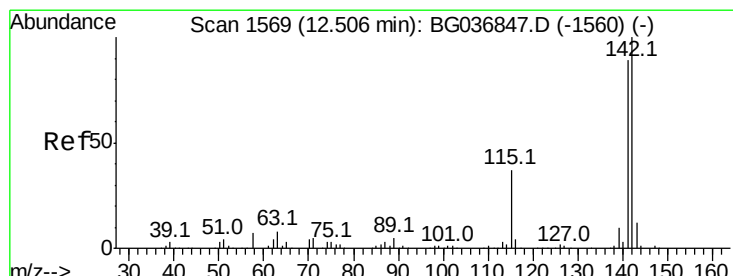
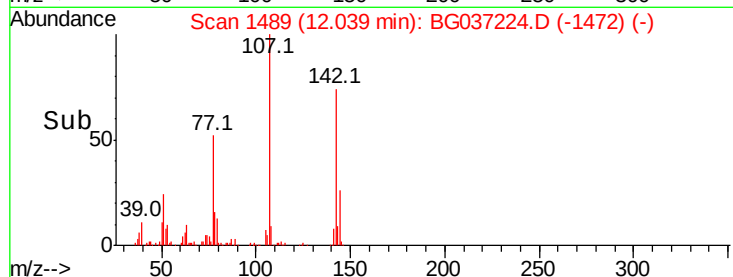
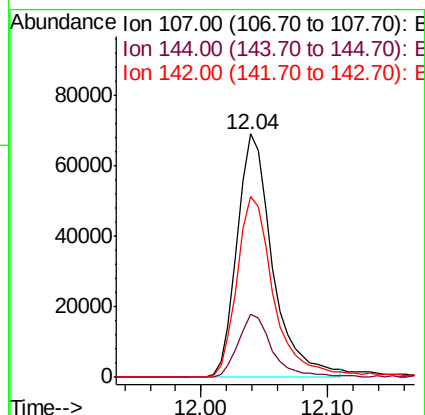
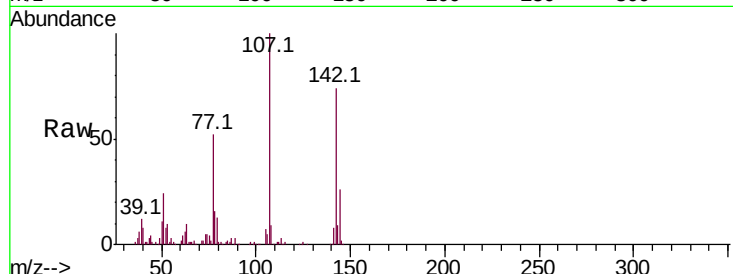
#36
4-Chloro-3-methylphenol
Concen: 47.208 ng
RT: 12.04 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.5	29.3
142	74.4	62.4	93.6

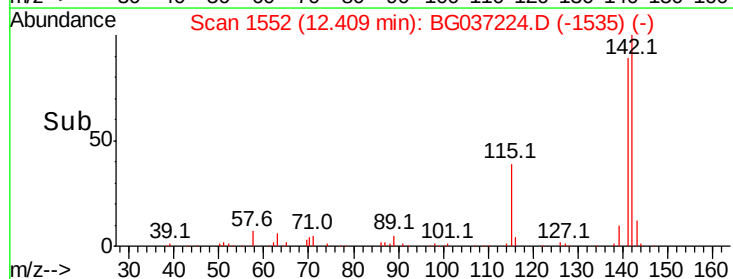
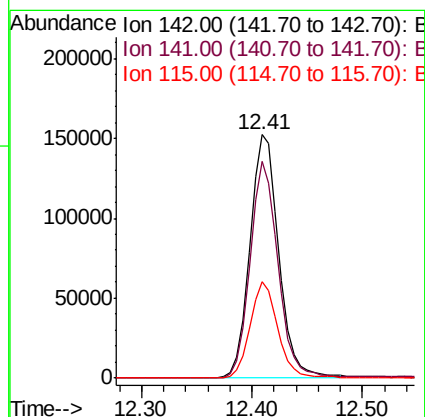
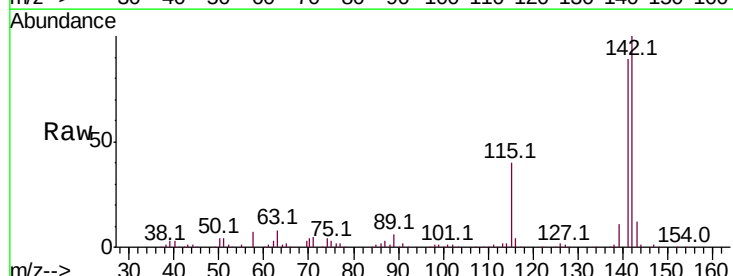
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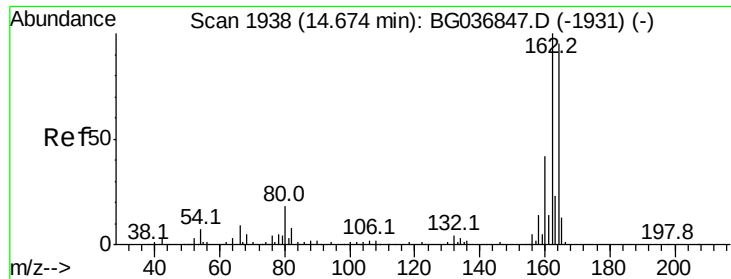
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#37
2-Methylnaphthalene
Concen: 46.118 ng
RT: 12.41 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	68.5	102.7
115	39.5	29.8	44.8





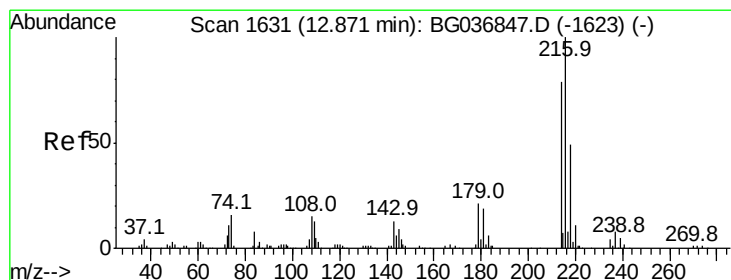
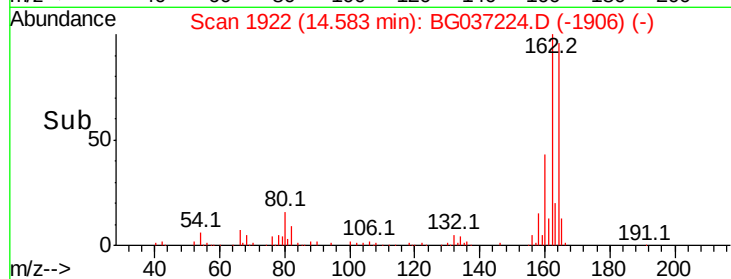
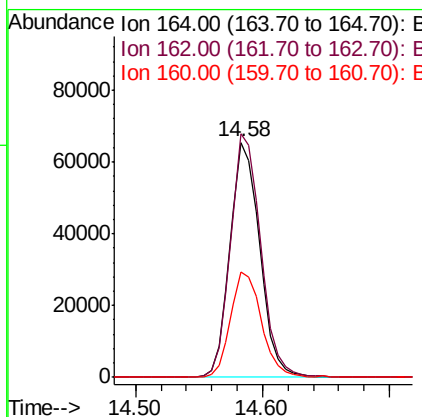
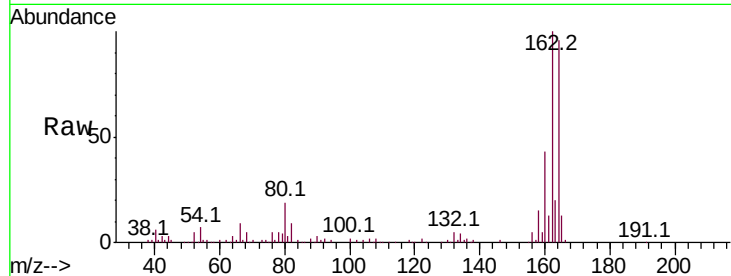
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	45.1	35.3	52.9

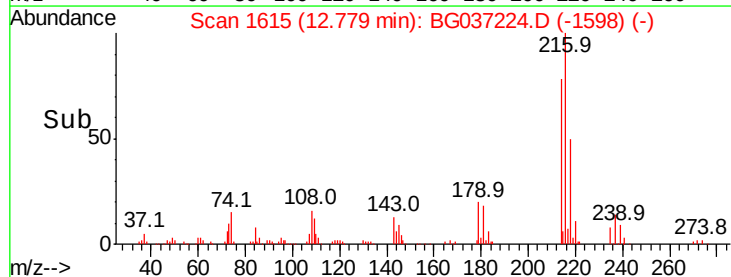
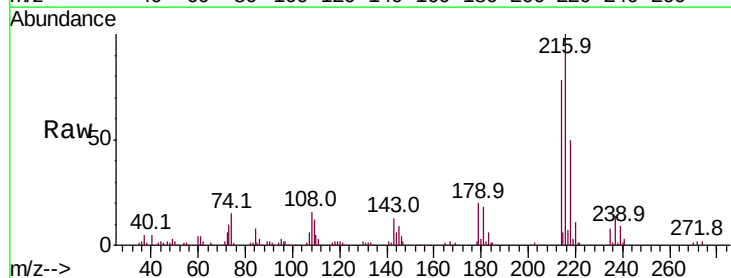
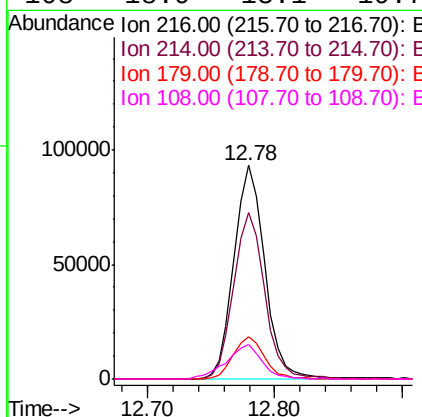
Manual Integrations
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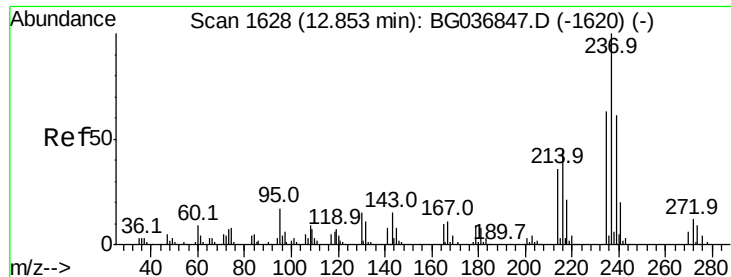
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.357 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.0	91.6
179	20.0	15.7	23.5
108	18.9	13.1	19.7





#40

Hexachlorocyclopentadiene

Concen: 96.051 ng

RT: 12.76 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

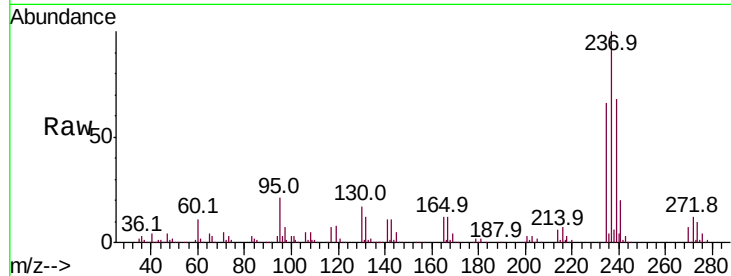
ClientSampleId :

PHASE-3-SOILMS

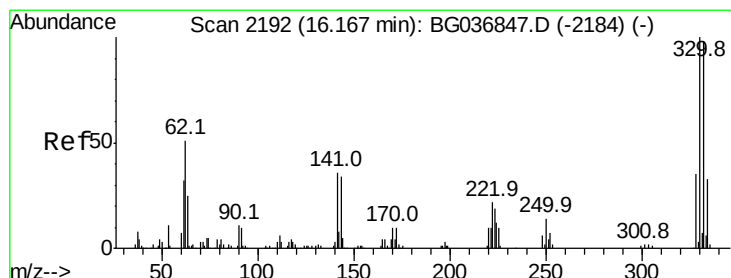
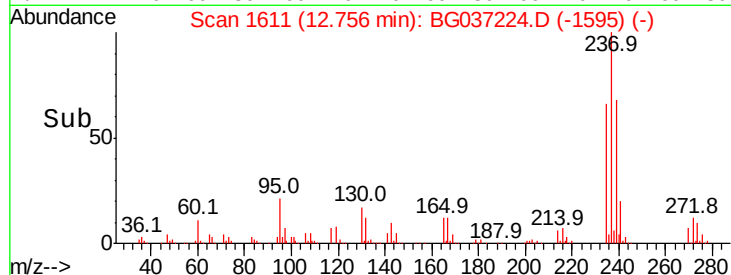
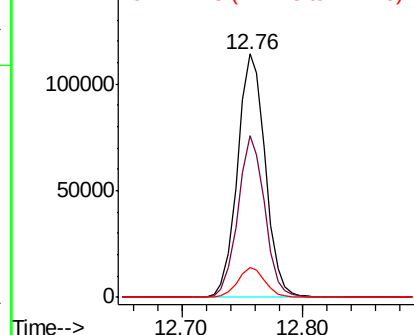
Tot Ion:	237	Resp:	183121
Ion Ratio	Lower	Upper	
237	100		
235	66.4	42.2	82.2
272	12.3	0.0	32.1

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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



#41

2,4,6-Tribromophenol

Concen: 131.852 ng

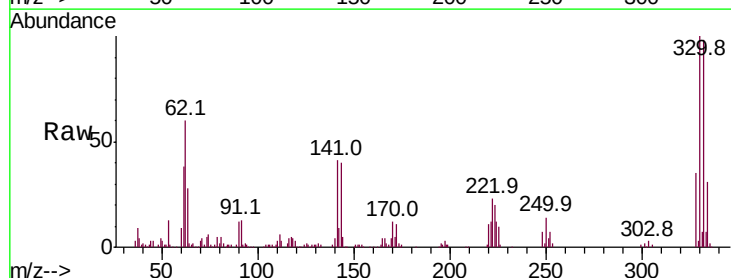
RT: 16.08 min Scan# 2176

Delta R.T. -0.00 min

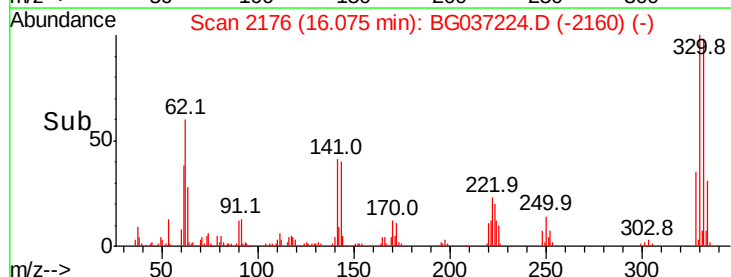
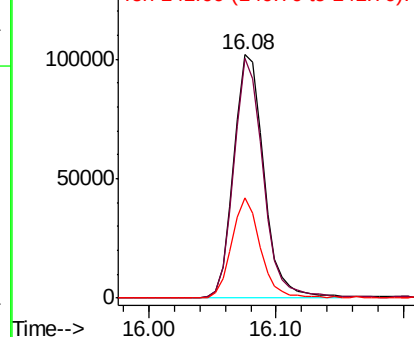
Lab File: BG037224.D

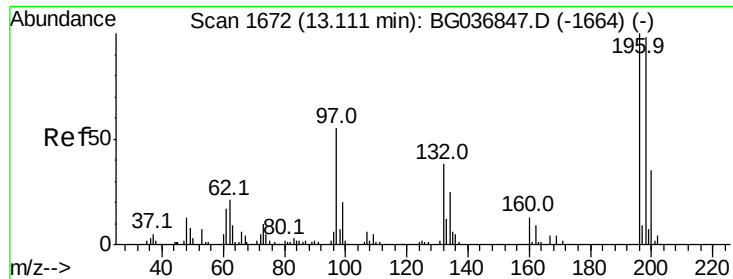
Acq: 9 Oct 2018 19:28

Tgt Ion:	330	Resp:	167665
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.4	113.2
141	39.4	30.7	46.1



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





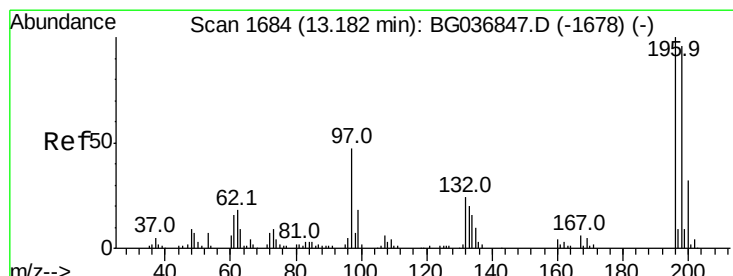
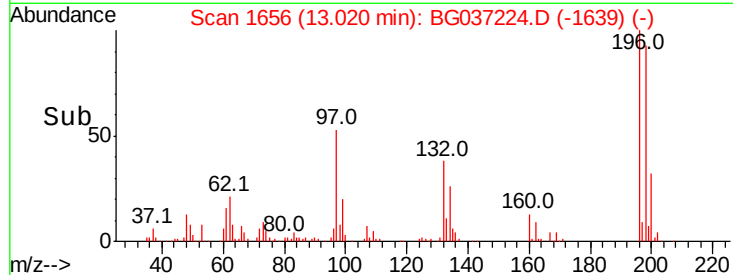
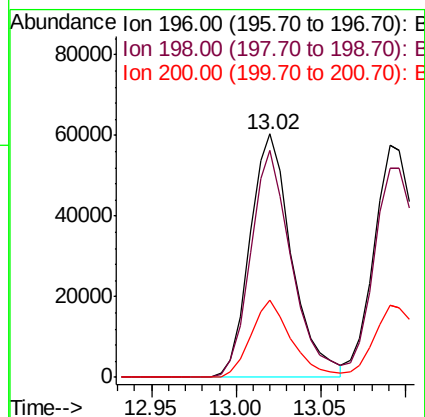
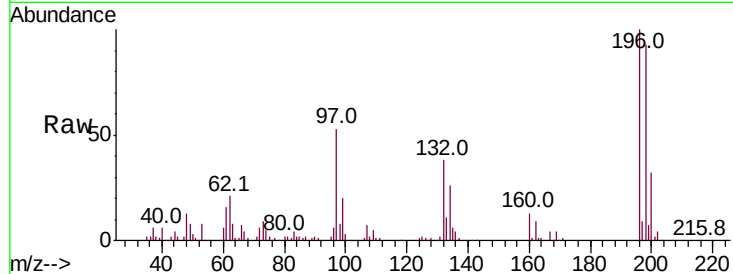
#42
 2,4,6-Trichlorophenol
 Concen: 50.425 ng
 RT: 13.02 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion:	196	Resp:	103799
Ion Ratio	Lower	Upper	
196	100		
198	93.0	77.2	115.8
200	31.6	26.3	39.5

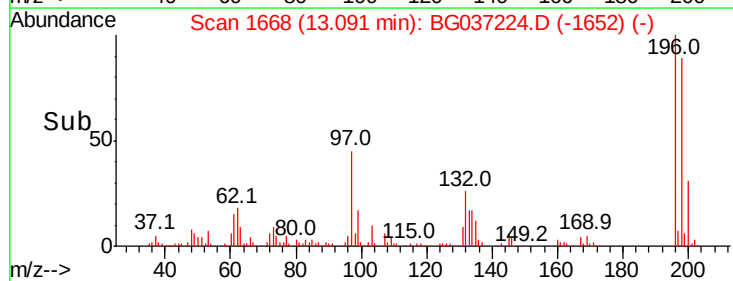
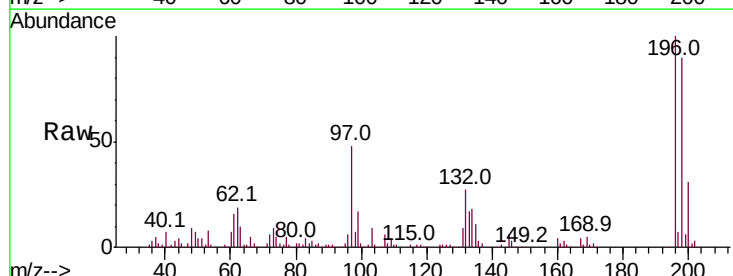
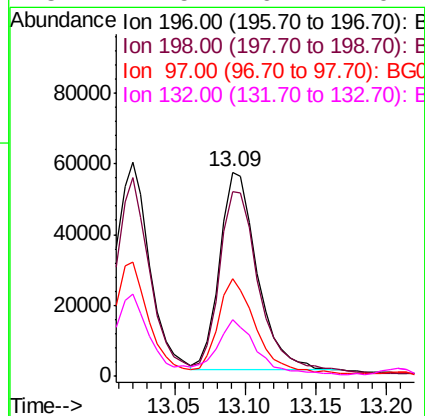
Manual Integrations
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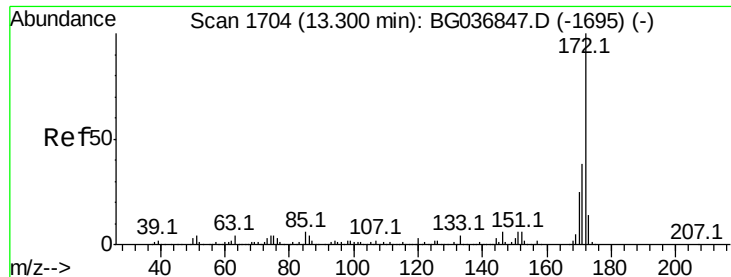
Sohil
 10/10/2018 12:41:19 PM



#43
 2,4,5-Trichlorophenol
 Concen: 46.814 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion:	196	Resp:	102757
Ion Ratio	Lower	Upper	
196	100		
198	90.1	75.6	113.4
97	47.6	37.2	55.8
132	27.5	19.4	29.2





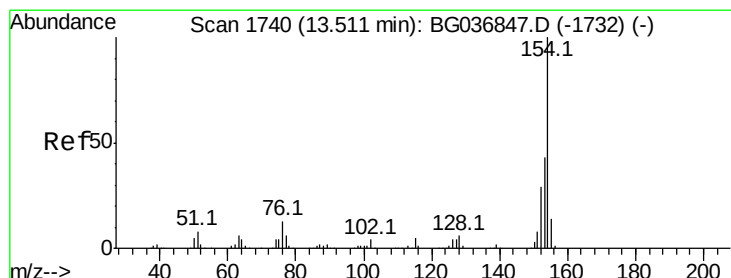
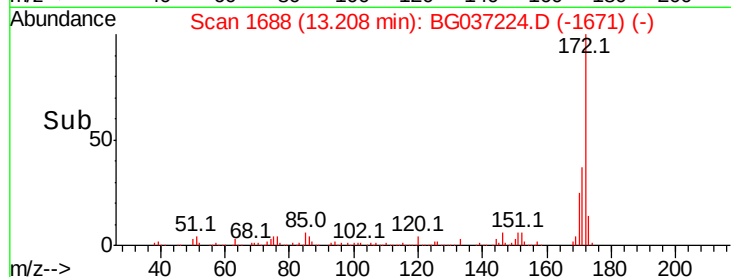
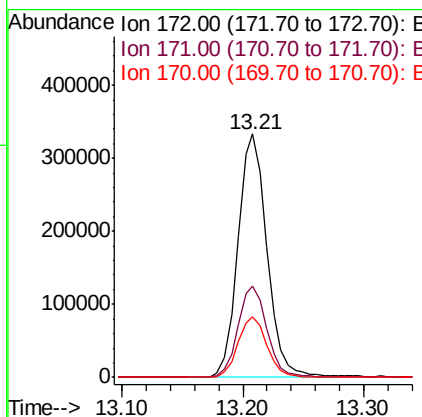
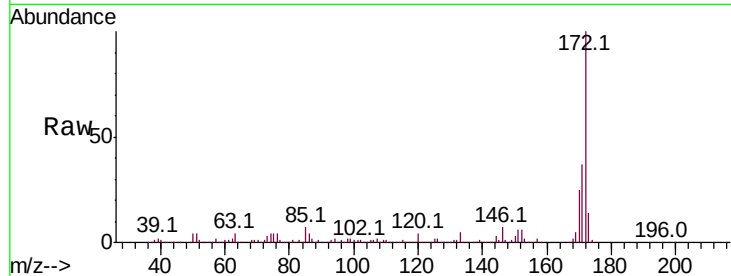
#44
2-Fluorobiphenyl
Concen: 78.347 ng
RT: 13.21 min Scan# 1688
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	24.9	21.0	31.6

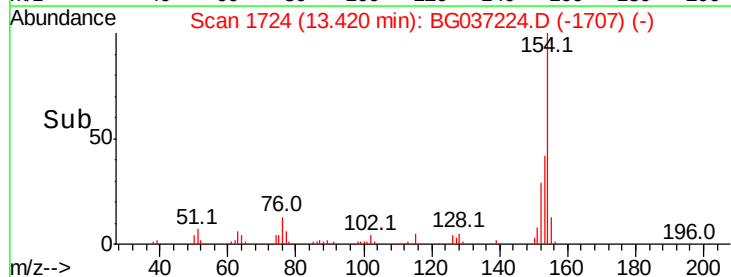
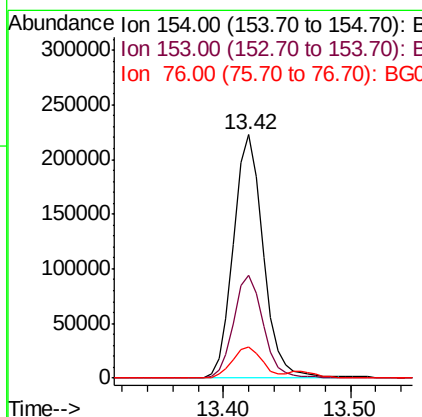
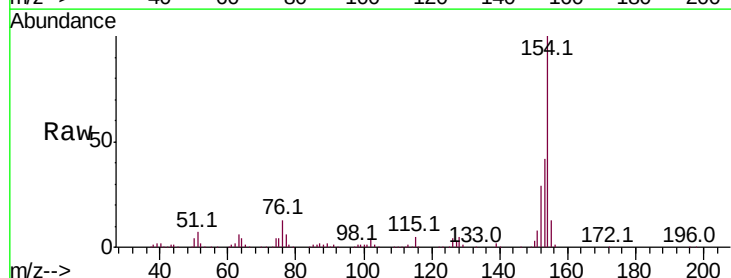
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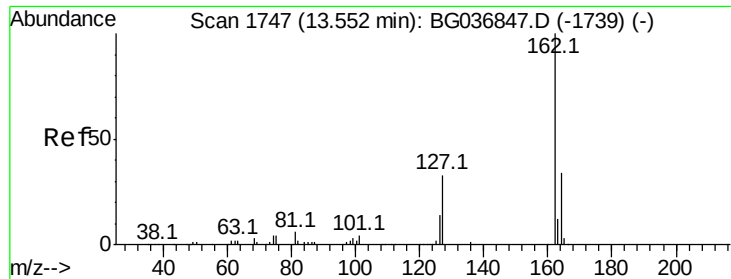
Sohil
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#45
1,1'-Biphenyl
Concen: 44.543 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	24.0	64.0
76	12.7	0.0	32.9





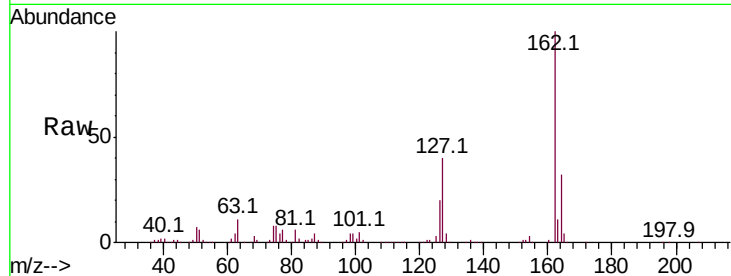
#46
2-Chloronaphthalene
Concen: 43.660 ng
RT: 13.46 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.7	46.1
164	32.1	26.7	40.1

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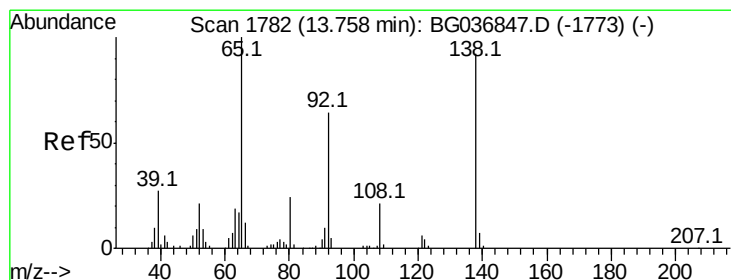
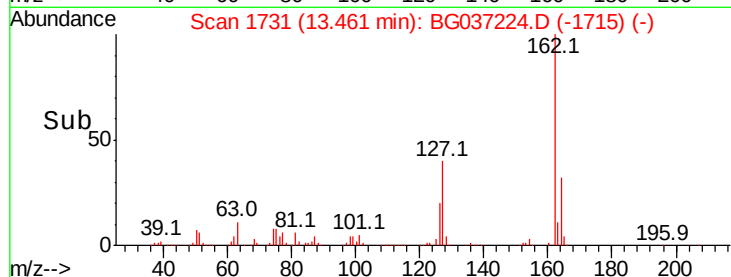
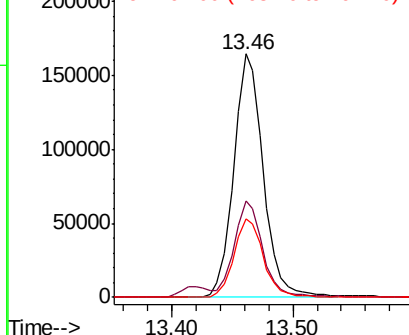


Abundance

Ion 162.00 (161.70 to 162.70): E

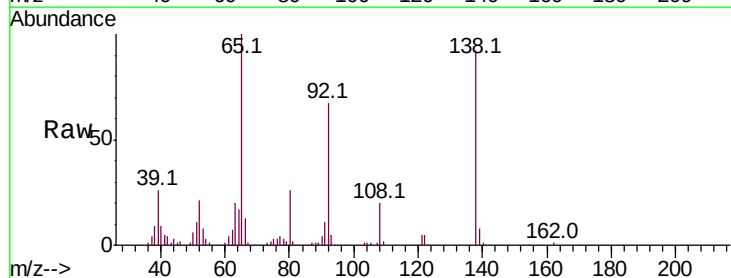
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
2-Nitroaniline
Concen: 47.070 ng
RT: 13.67 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	49.9	74.9
138	91.6	76.2	114.4

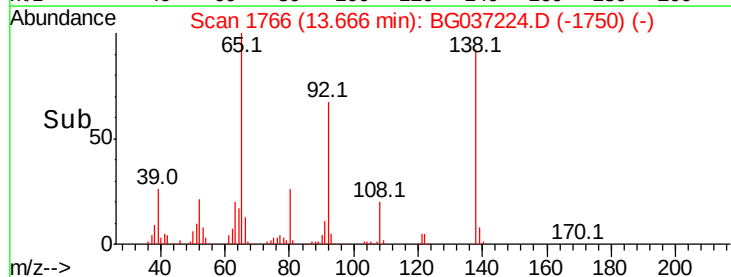
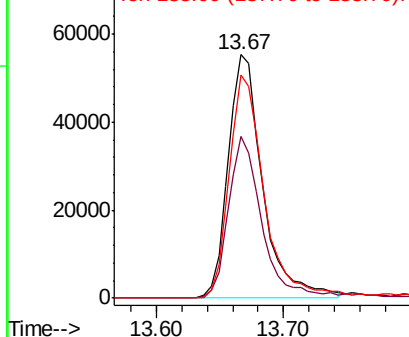


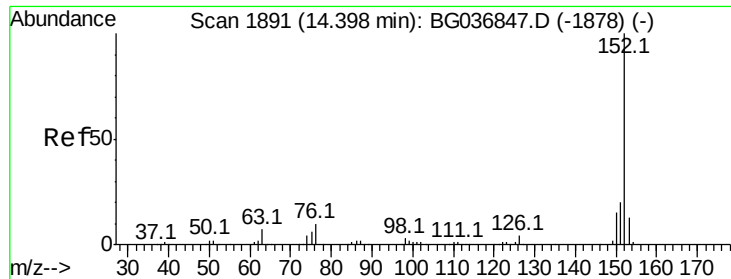
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





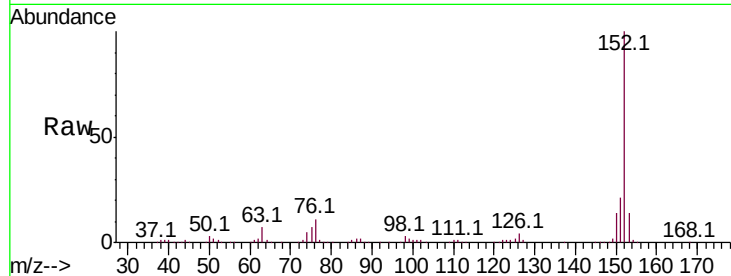
#48
Acenaphthylene
Concen: 47.519 ng
RT: 14.31 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

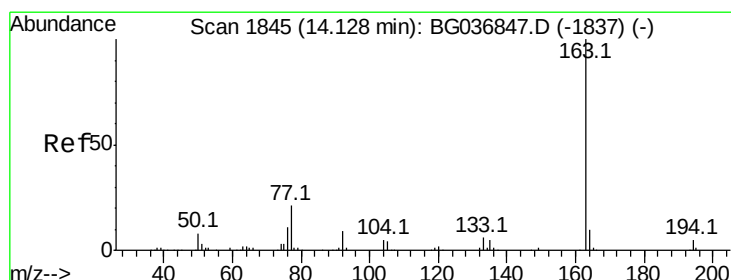
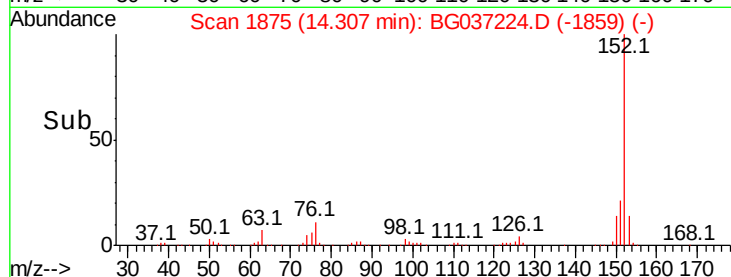
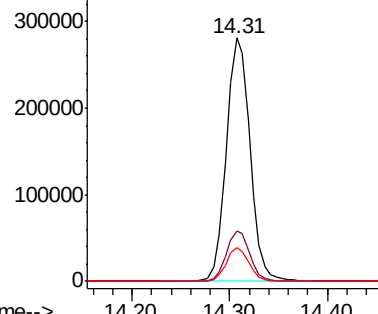
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.7	11.2	16.8

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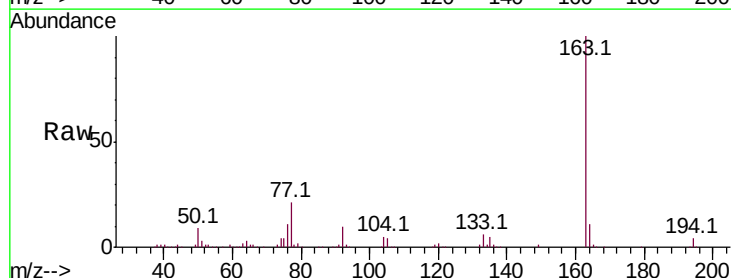


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

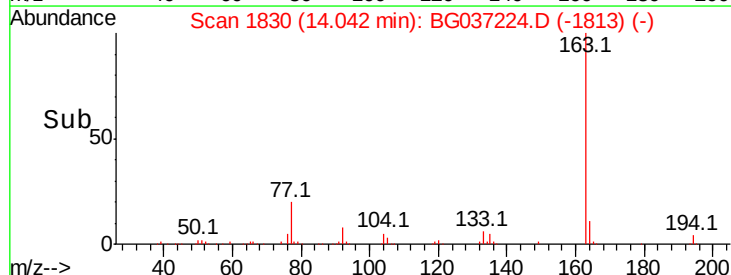
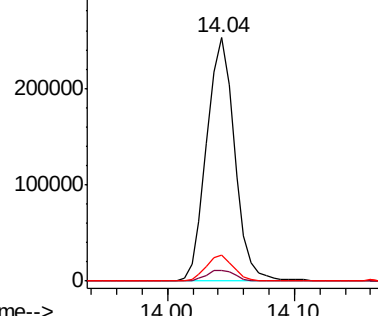


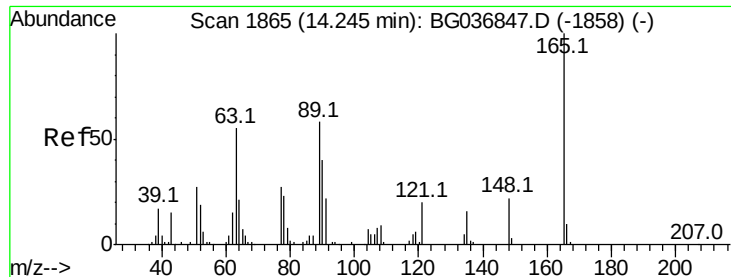
#49
Dimethylphthalate
Concen: 45.141 ng
RT: 14.04 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	4.0	6.0
164	10.5	8.1	12.1



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





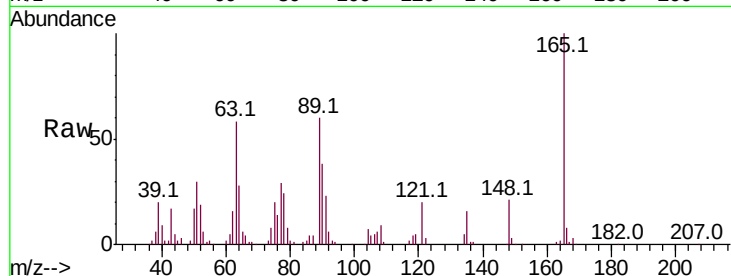
#50
2,6-Dinitrotoluene
Concen: 46.270 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

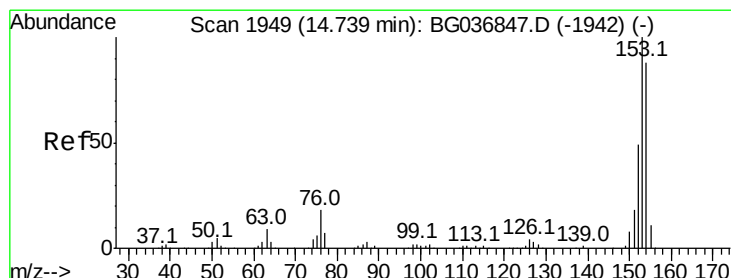
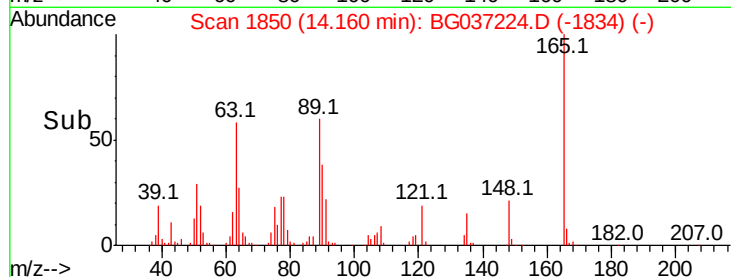
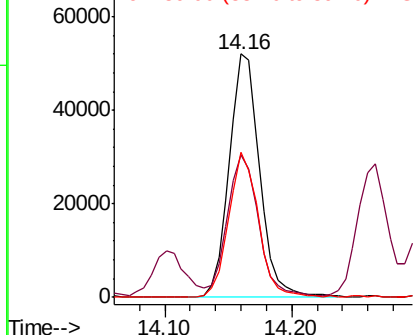
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	50.1	75.1
89	59.7	47.8	71.6

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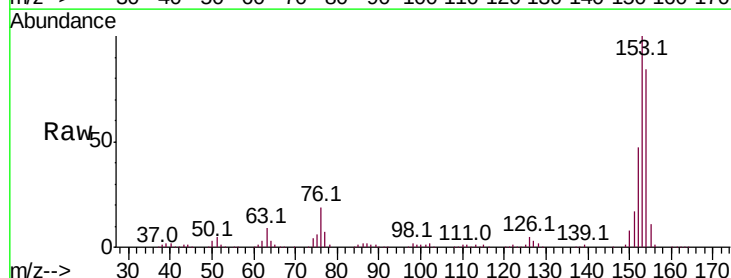


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

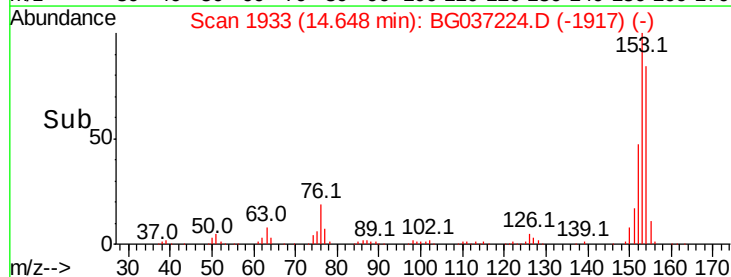
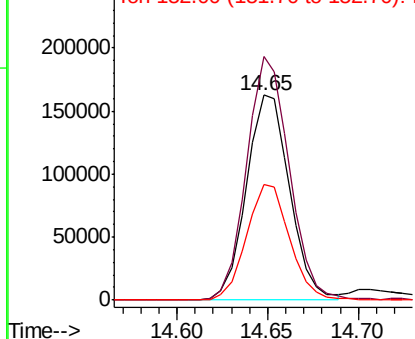


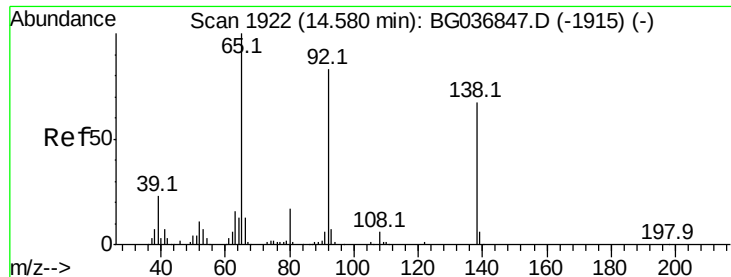
#51
Acenaphthene
Concen: 44.470 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.8	91.8	137.6
152	56.4	43.5	65.3



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





#52

3-Nitroaniline

Concen: 13.567 ng

RT: 14.50 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

Tot Ion:138 Resp: 26685

Ion Ratio Lower Upper

138 100

108 13.2 9.4 14.2

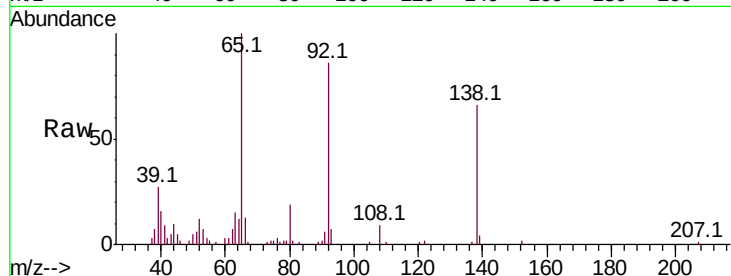
92 129.3 96.8 145.2

Manual Integrations

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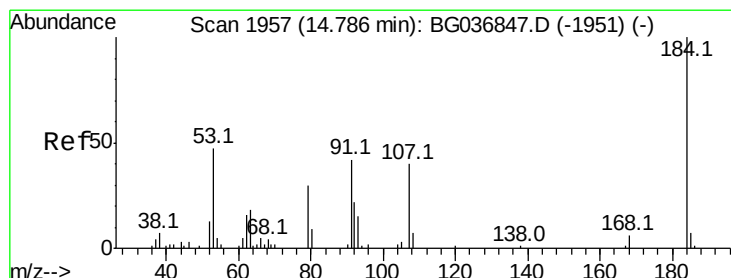
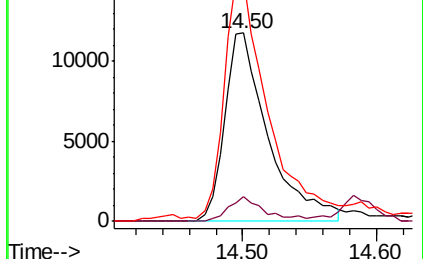
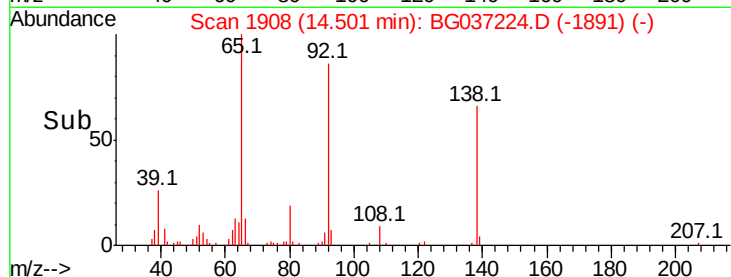
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 36.150 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.03 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

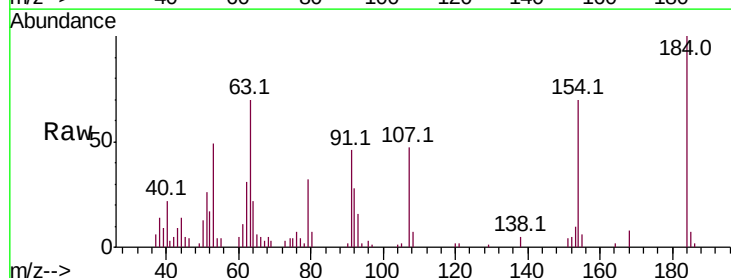
Tgt Ion:184 Resp: 27567

Ion Ratio Lower Upper

184 100

63 70.2 47.3 70.9

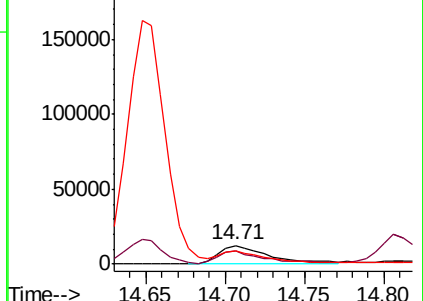
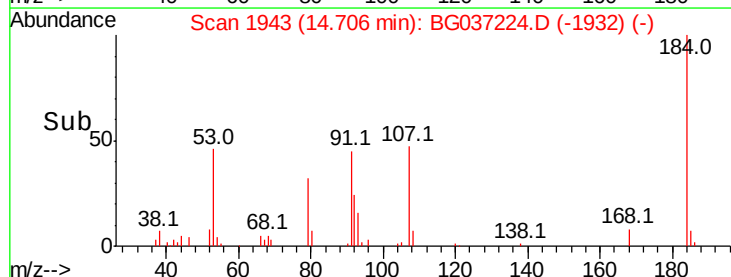
154 69.9 51.1 76.7

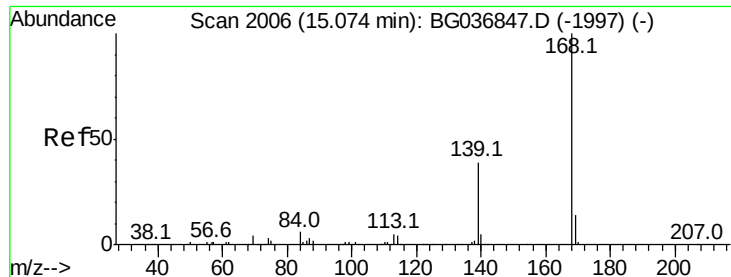


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





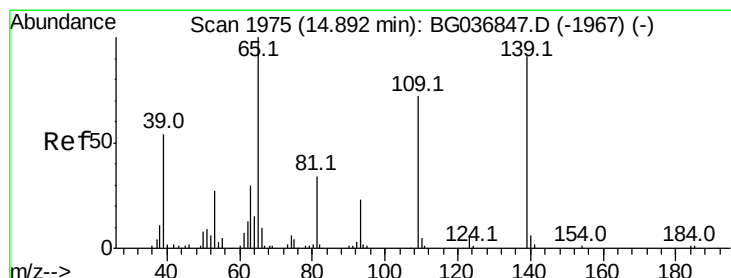
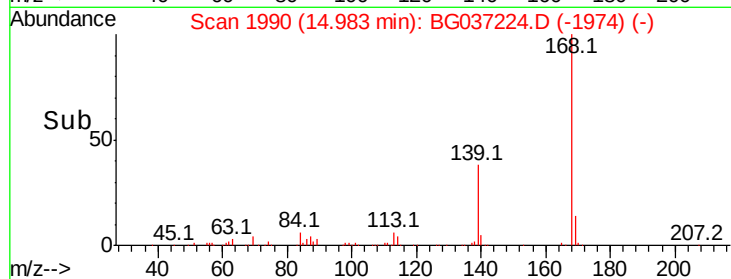
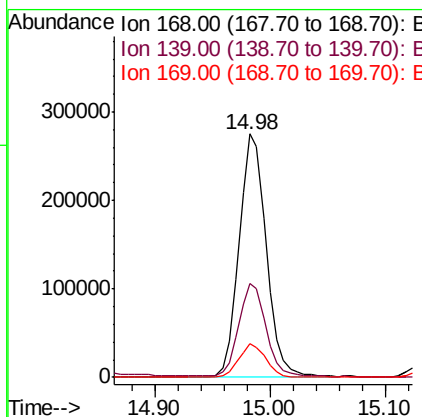
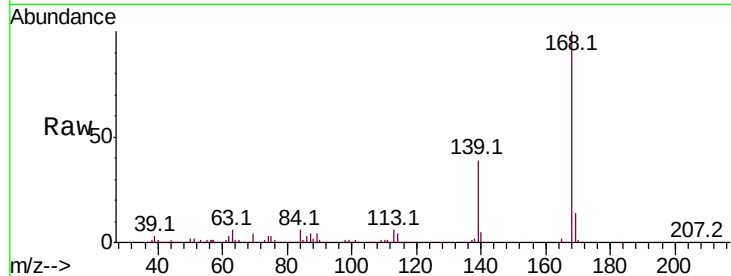
#54
Dibenzofuran
Concen: 43.925 ng
RT: 14.98 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.0	46.6
169	13.7	11.1	16.7

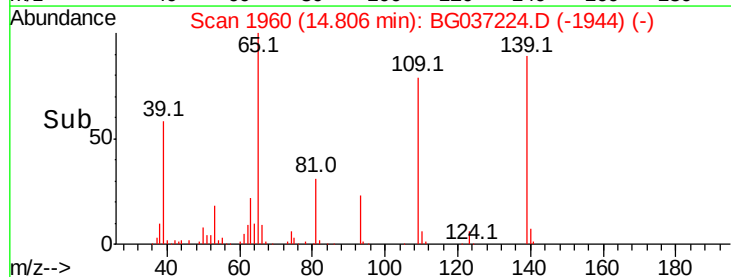
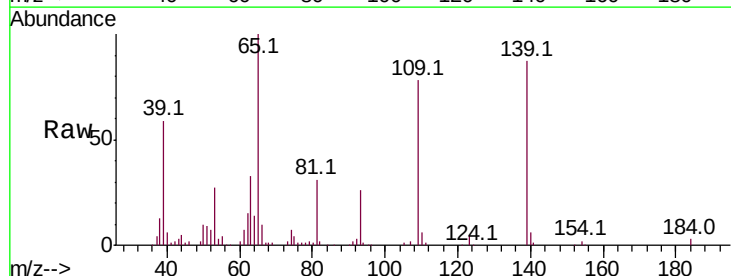
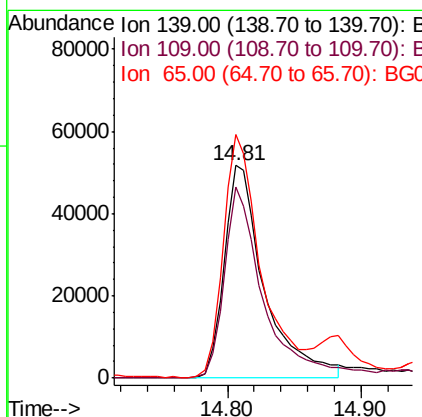
Manual Integrations
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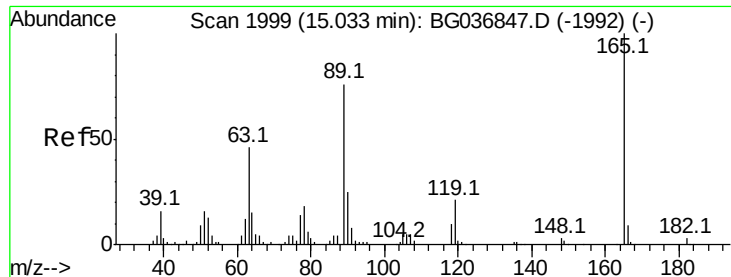
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#55
4-Nitrophenol
Concen: 86.590 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.8	63.9	103.9
65	114.6	90.0	130.0





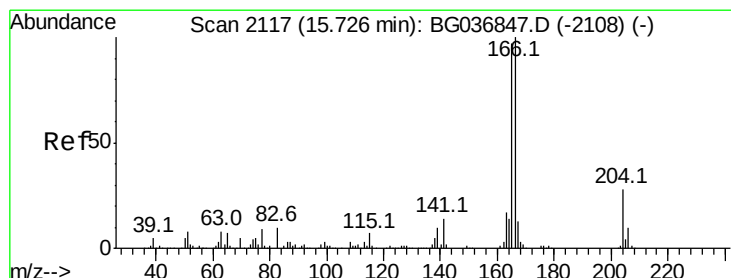
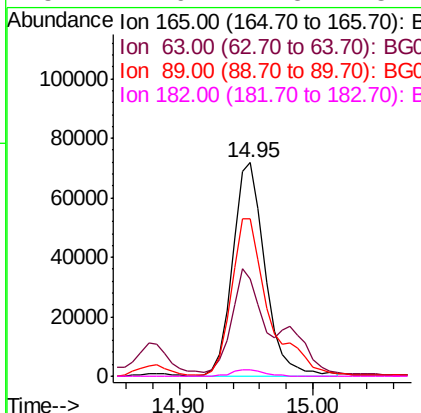
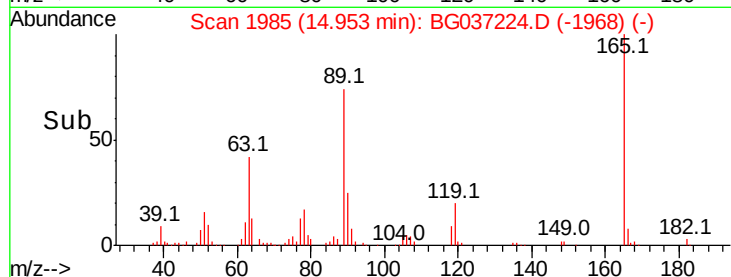
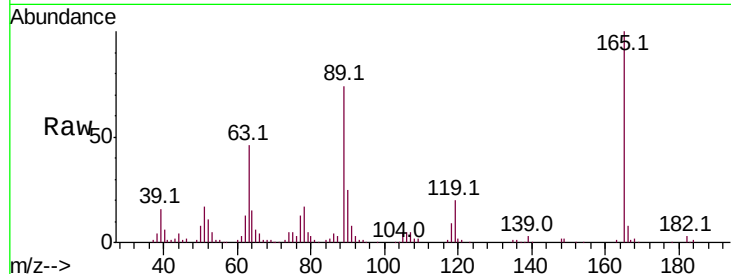
#56
2,4-Dinitrotoluene
Concen: 46.012 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	40.1	60.1
89	73.8	63.7	95.5
182	2.9	2.5	3.7

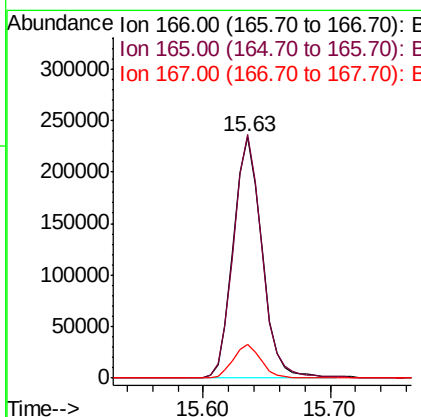
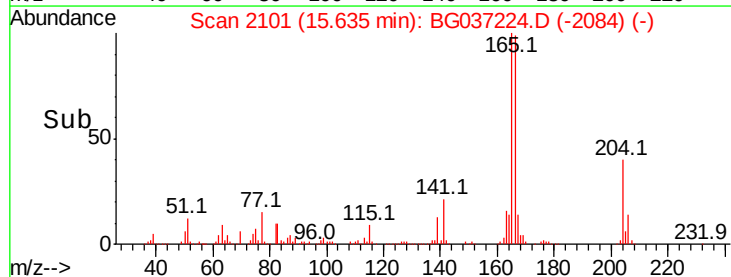
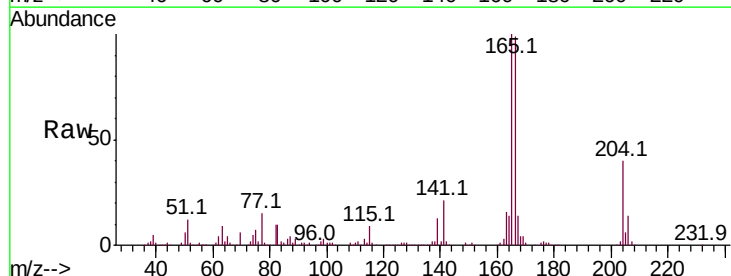
Manual Integrations
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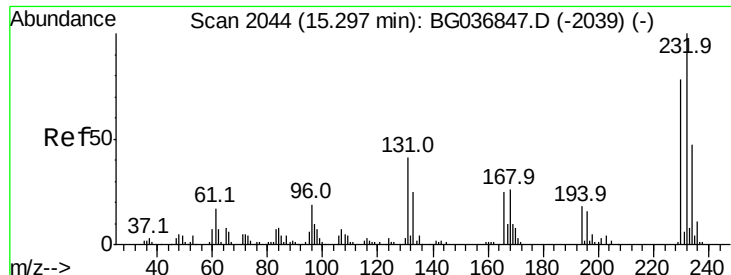
Sohil
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#57
Fluorene
Concen: 47.687 ng
RT: 15.63 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.0	115.4
167	13.8	10.6	16.0





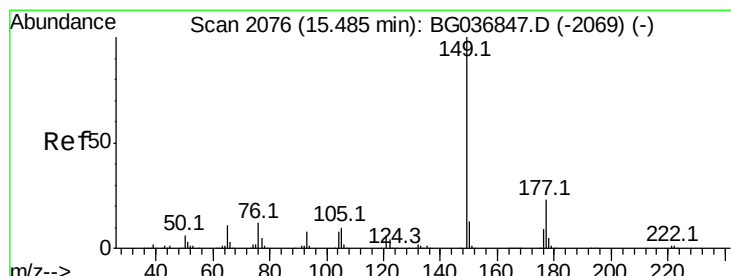
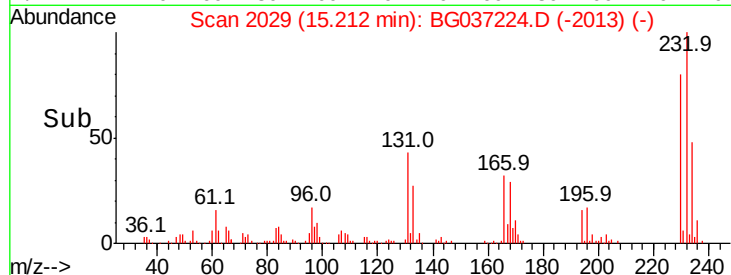
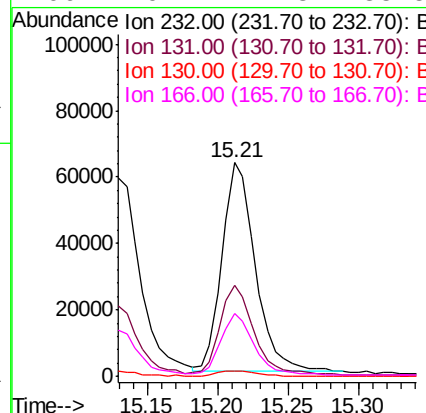
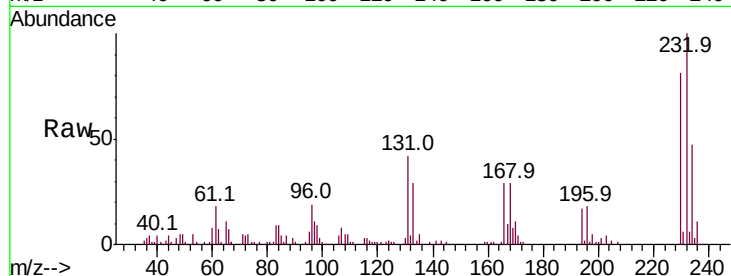
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.070 ng
 RT: 15.21 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.8	50.8
130	2.9	2.1	3.1
166	29.2	22.3	33.5

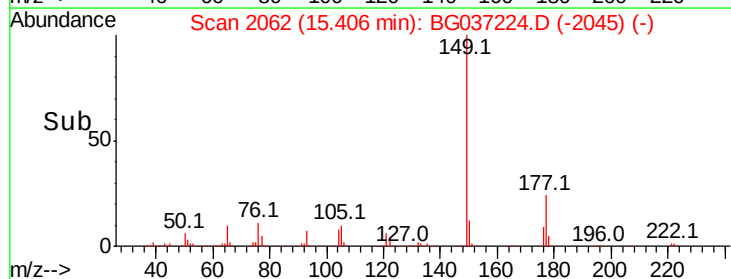
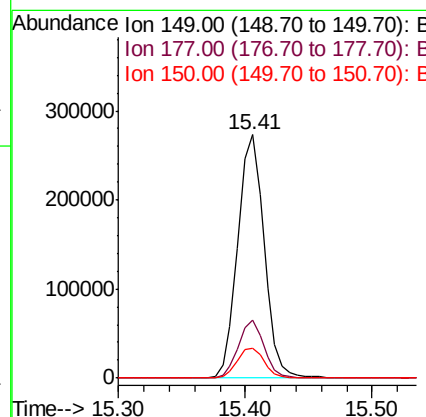
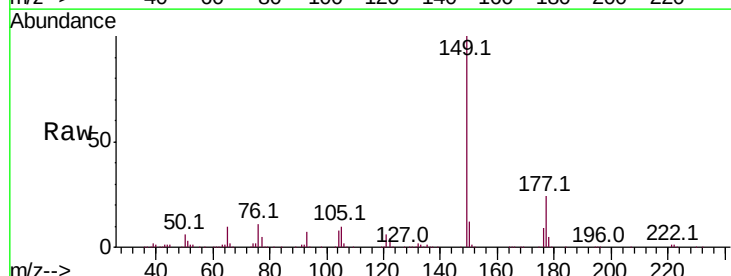
Manual Integrations
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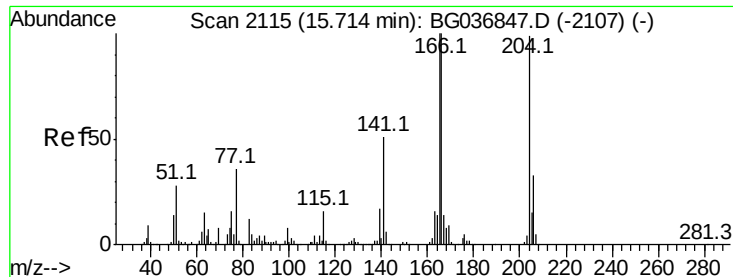
Sohil
 10/10/2018 12:41:19 PM



#59
 Diethylphthalate
 Concen: 45.692 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.4	10.7	16.1





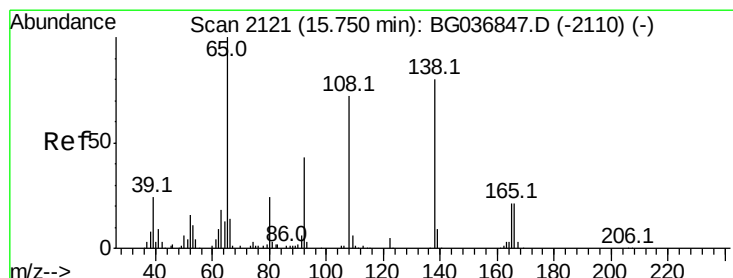
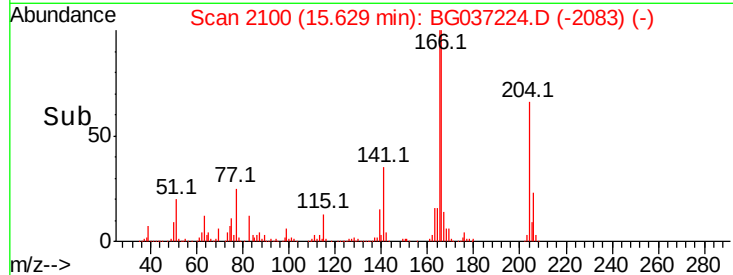
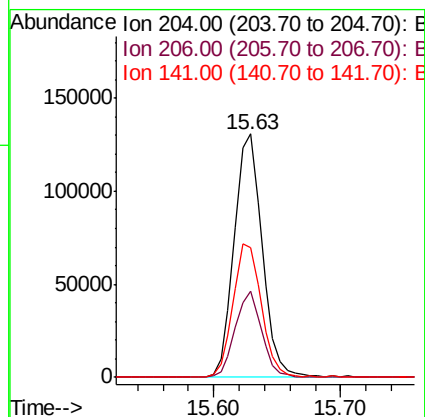
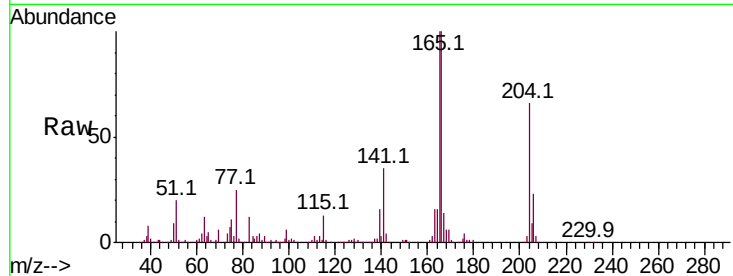
#60
4-Chlorophenyl-phenylether
Concen: 40.943 ng
RT: 15.63 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.4	27.0	40.4
141	53.5	43.8	65.6

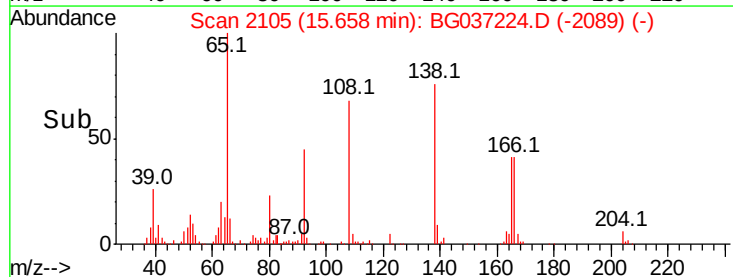
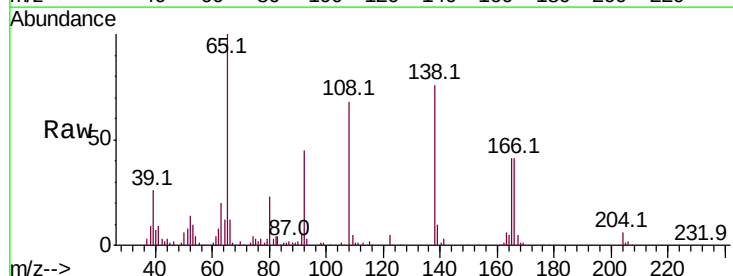
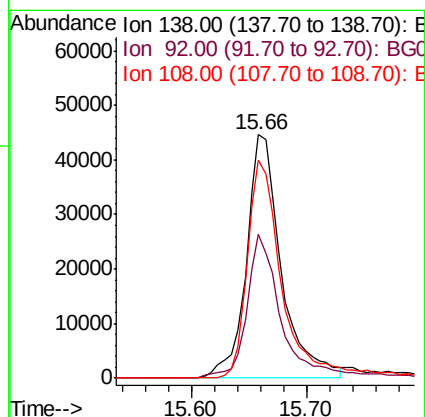
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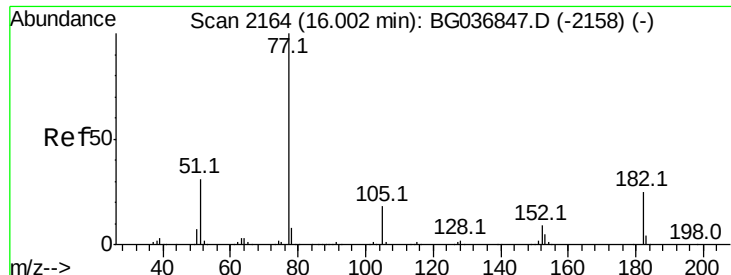
Sohil
10/10/2018 12:41:19 PM



#61
4-Nitroaniline
Concen: 45.388 ng
RT: 15.66 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	59.1	38.5	78.5
108	89.6	70.3	110.3





#62

Azobenzene

Concen: 46.310 ng

RT: 15.92 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

Tot Ion: 77 Resp: 383949

Ion Ratio Lower Upper

77 100

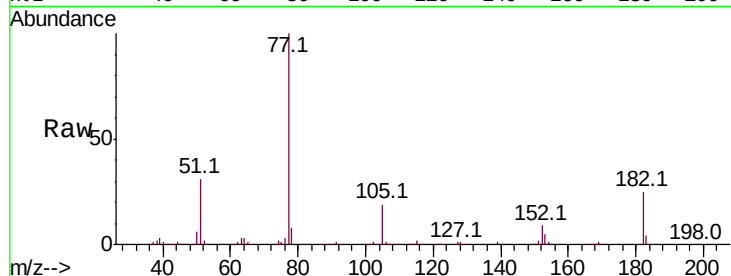
182 25.4 6.7 46.7

105 19.3 0.0 39.8

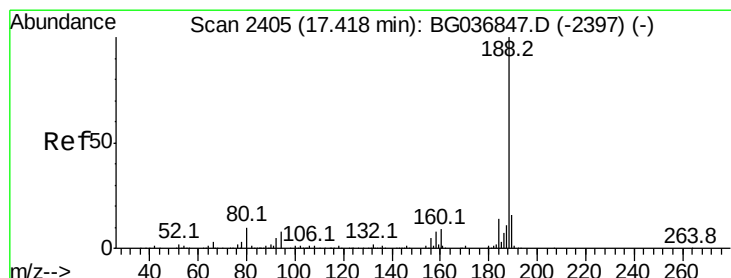
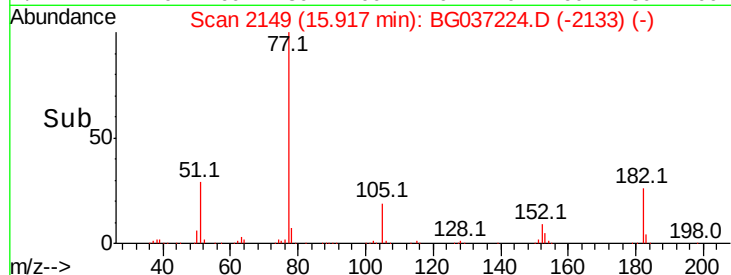
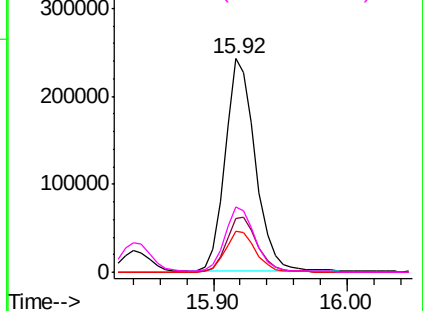
51 30.8 12.4 52.4

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion: 188 Resp: 276525

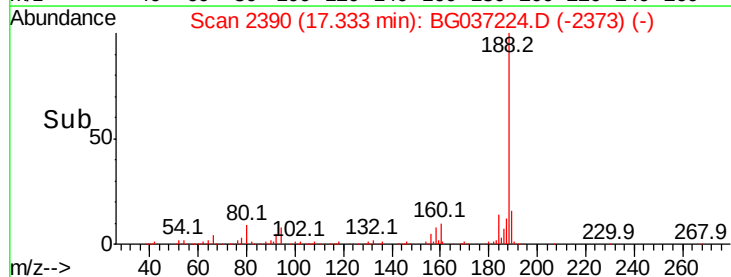
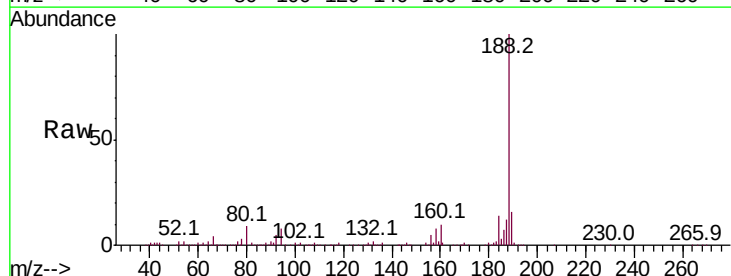
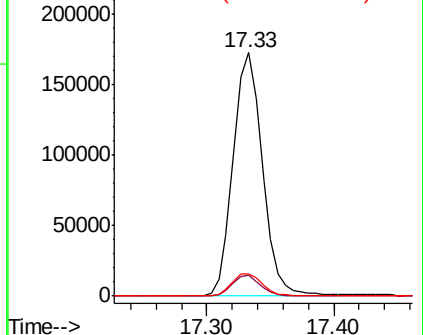
Ion Ratio Lower Upper

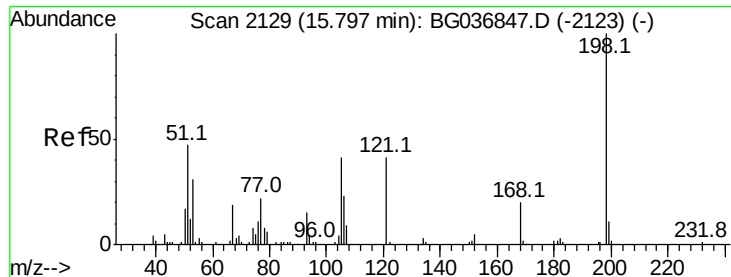
188 100

94 8.4 6.7 10.1

80 9.1 8.1 12.1

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





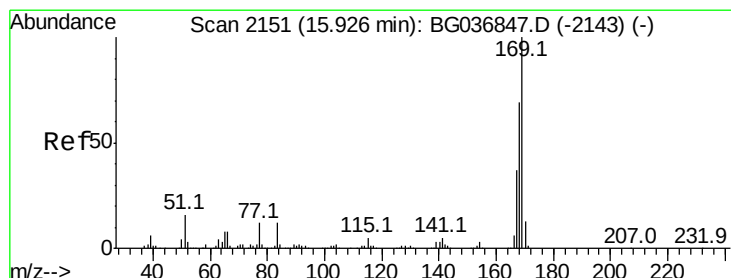
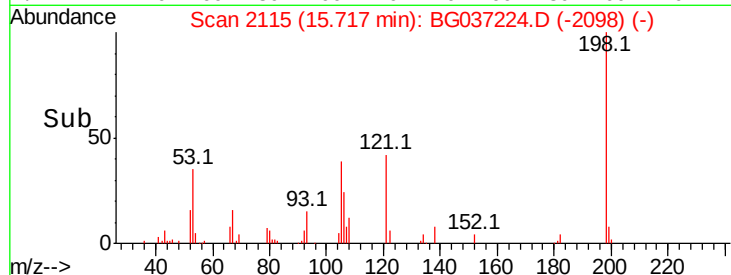
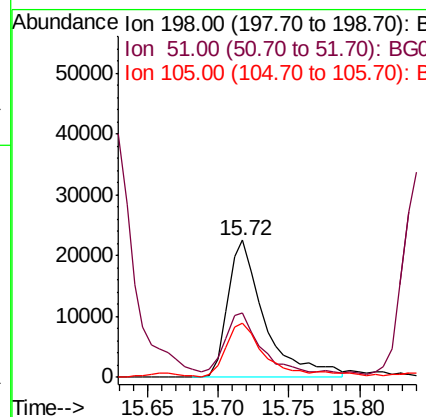
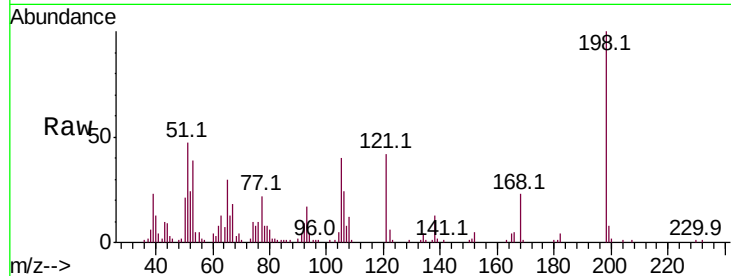
#64
4,6-Dinitro-2-methylphenol
Concen: 28.317 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.6	26.5	66.5
105	40.0	20.2	60.2

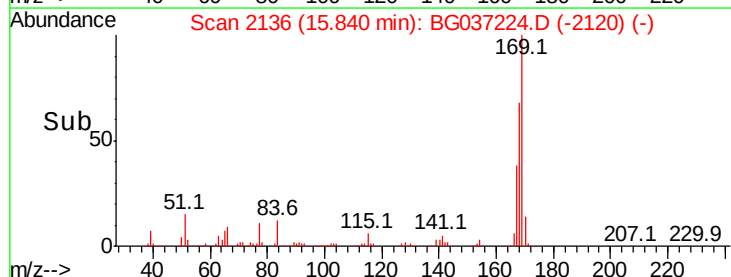
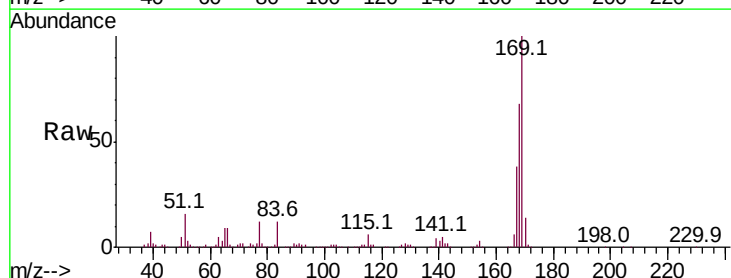
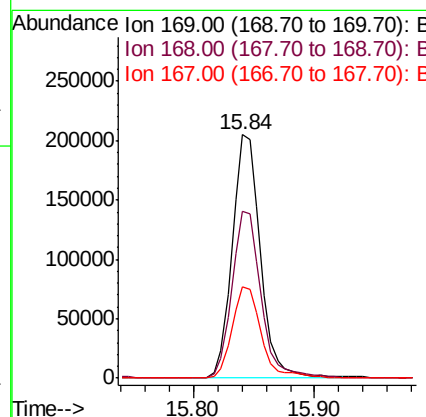
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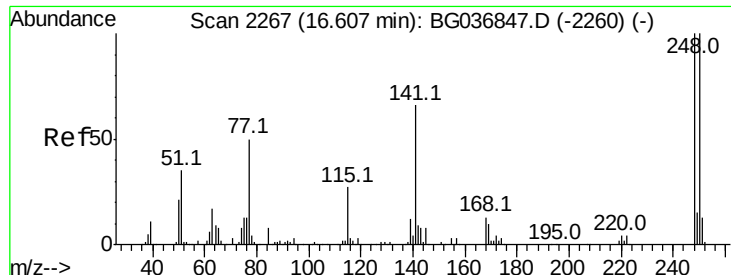
Sohil
10/10/2018 12:41:19 PM



#65
n-Nitrosodiphenylamine
Concen: 43.502 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	57.6	86.4
167	37.7	31.0	46.4





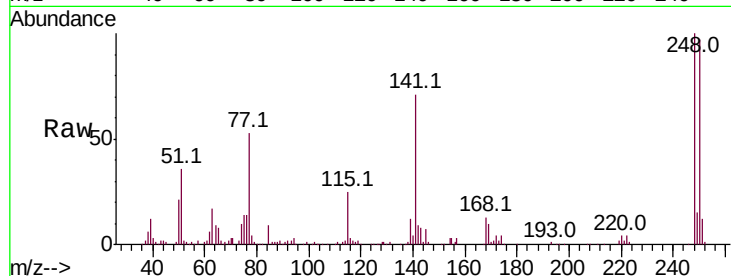
#66
 4-Bromophenyl-phenylether
 Concen: 41.325 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.1	117.1
141	70.7	53.7	80.5

Manual Integrations
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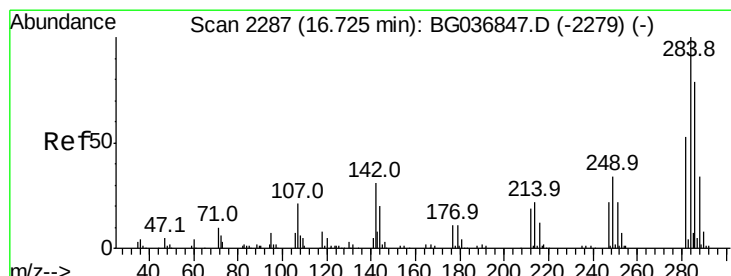
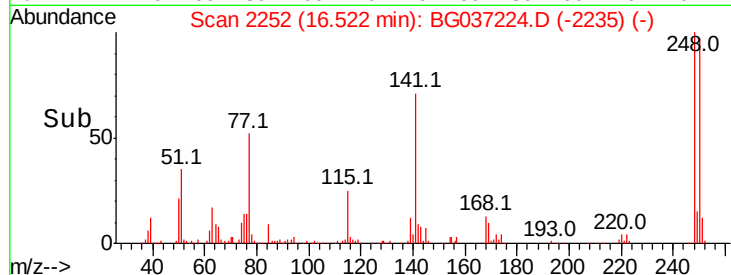
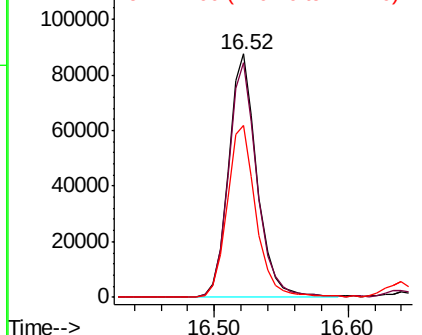


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
 Hexachlorobenzene
 Concen: 41.230 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

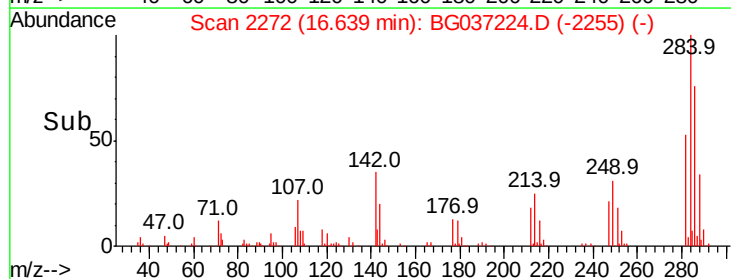
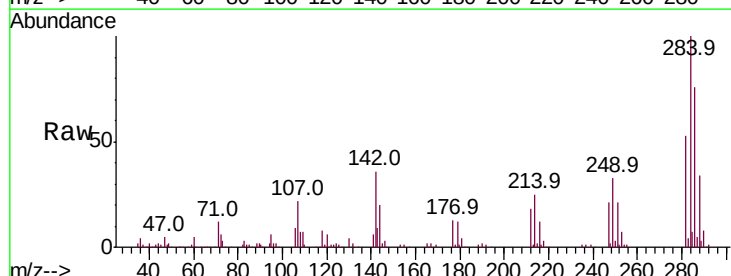
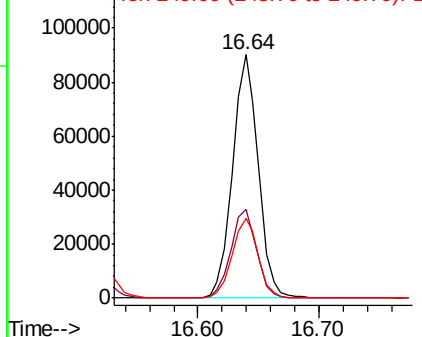
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.8	41.6
249	33.0	27.4	41.2

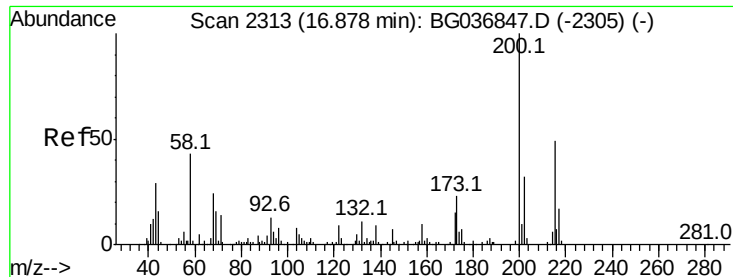
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





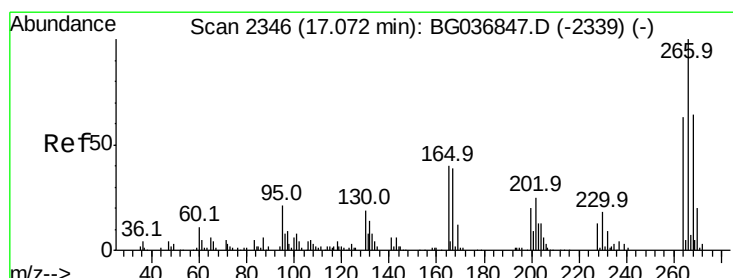
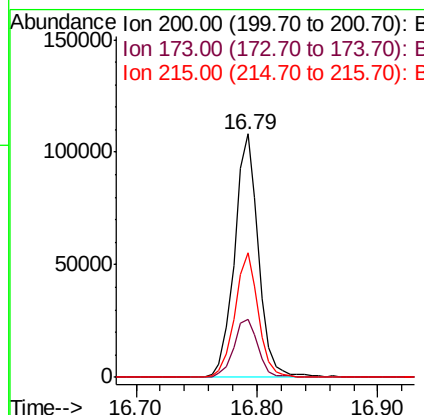
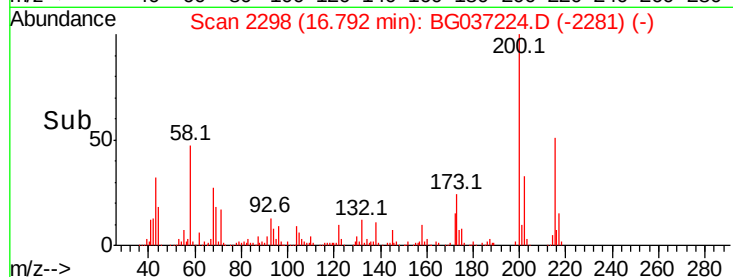
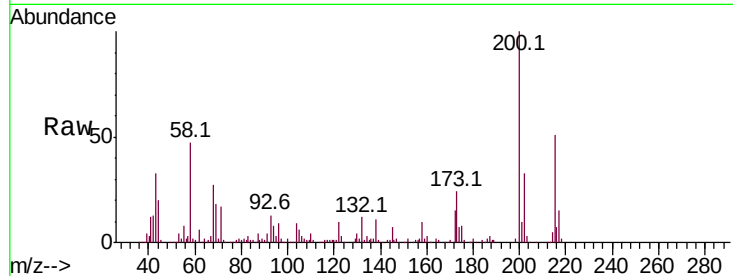
#68
Atrazine
Concen: 48.134 ng
RT: 16.79 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	3.9	43.9
215	51.3	30.4	70.4

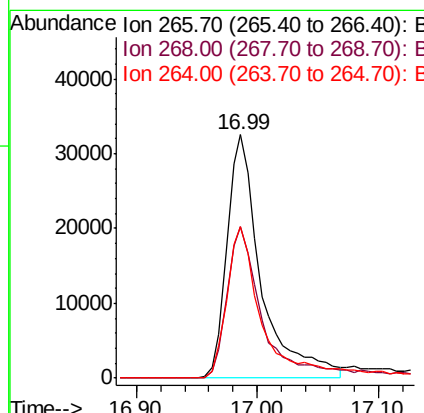
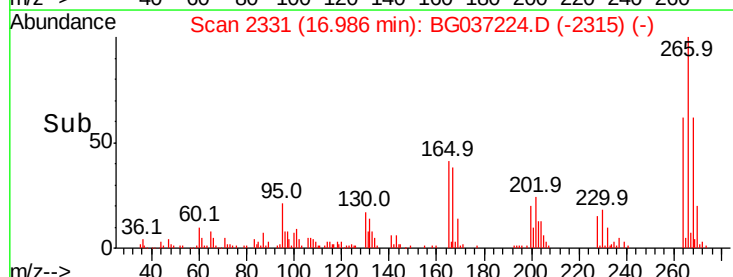
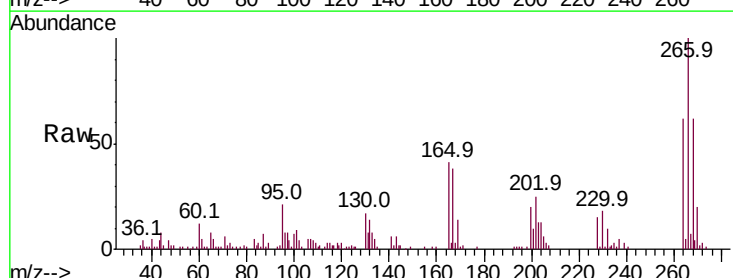
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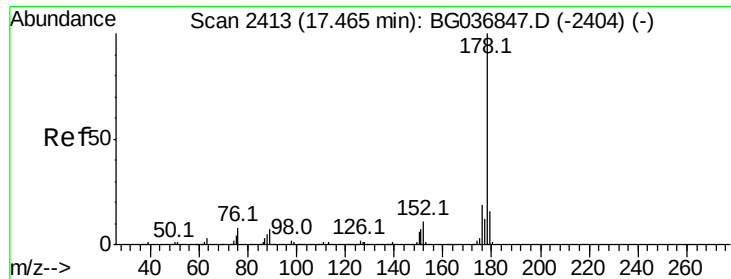
Sohil
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#69
Pentachlorophenol
Concen: 31.271 ng
RT: 16.99 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.0	51.4	77.2
264	62.1	48.9	73.3





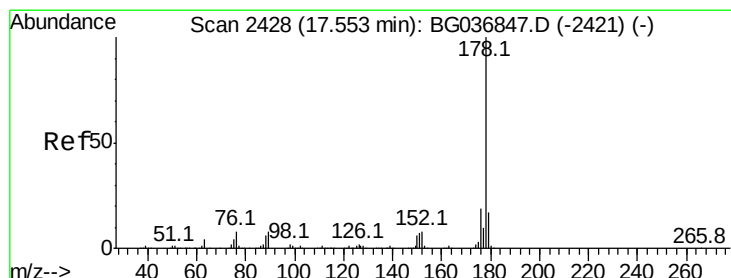
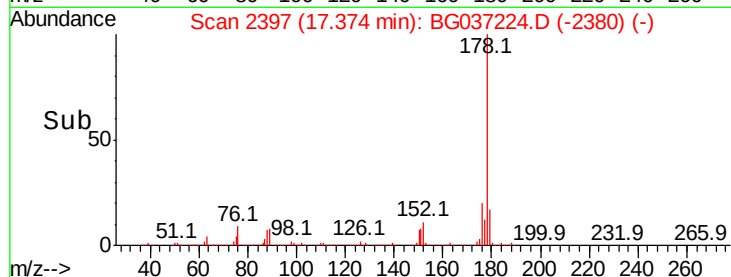
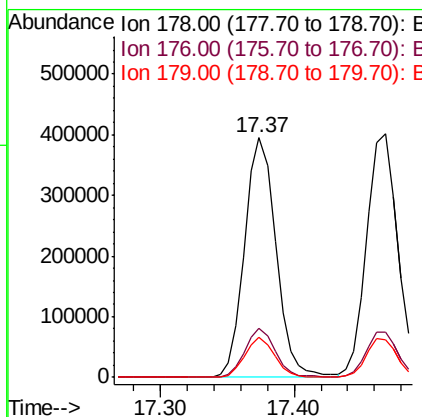
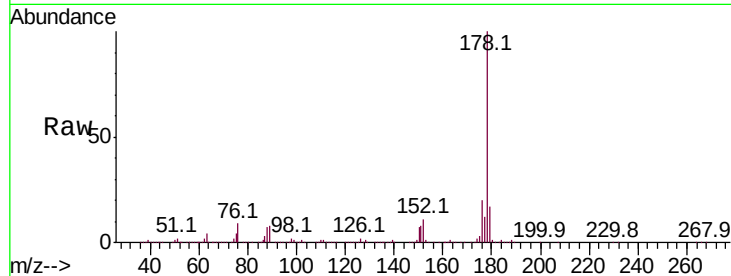
#70
Phenanthrene
Concen: 48.307 ng
RT: 17.37 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.5	13.4	20.2

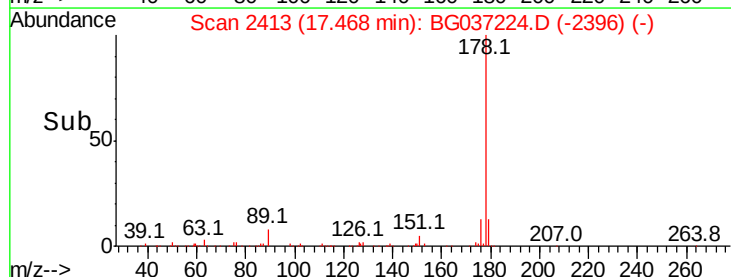
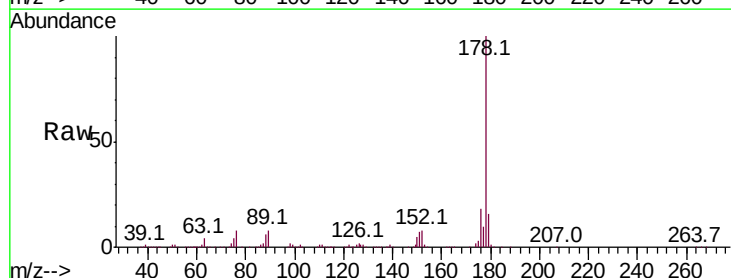
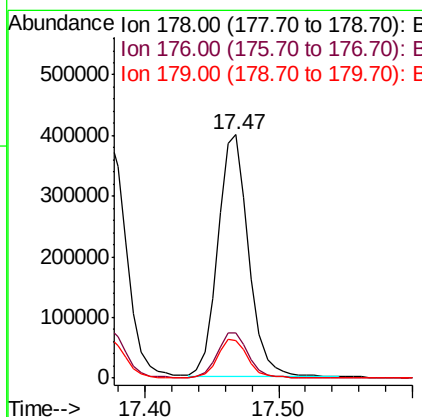
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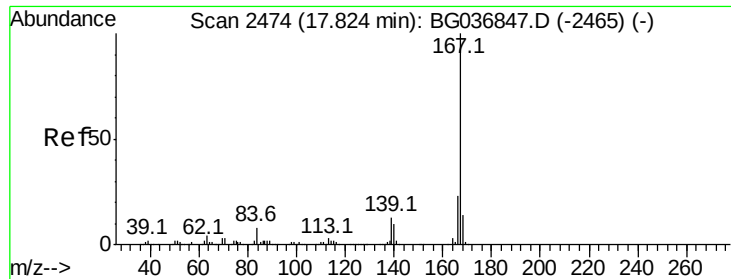
Sohil
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#71
Anthracene
Concen: 48.787 ng
RT: 17.47 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.5	13.0	19.4





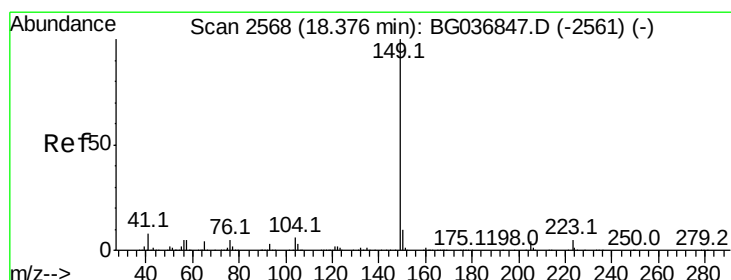
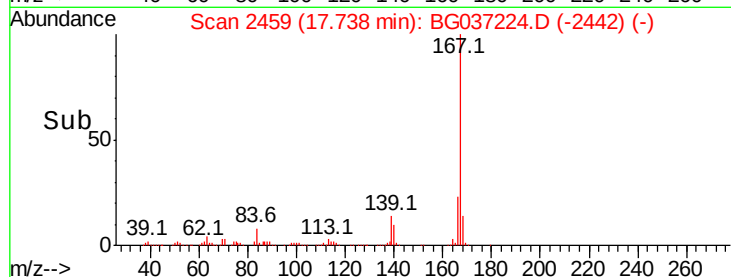
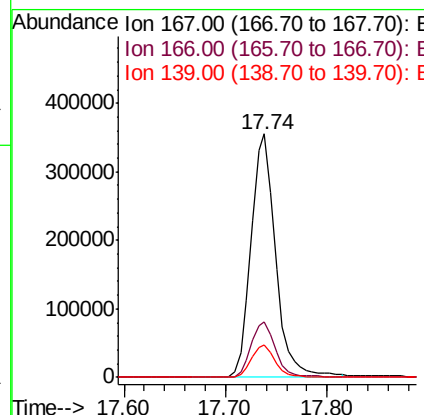
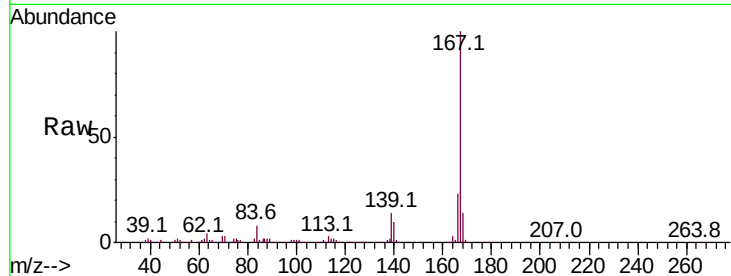
#72
 Carbazole
 Concen: 46.556 ng
 RT: 17.74 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.5	29.3
139	13.6	10.7	16.1

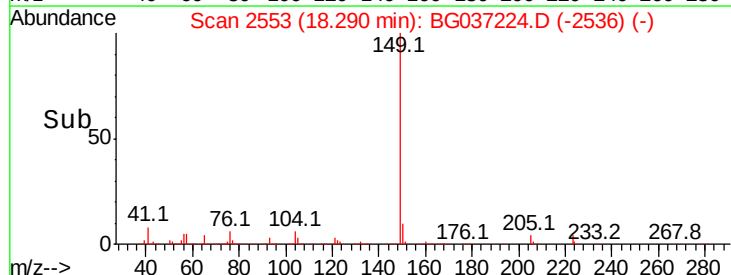
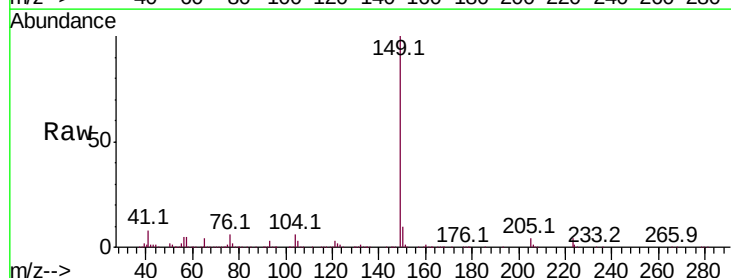
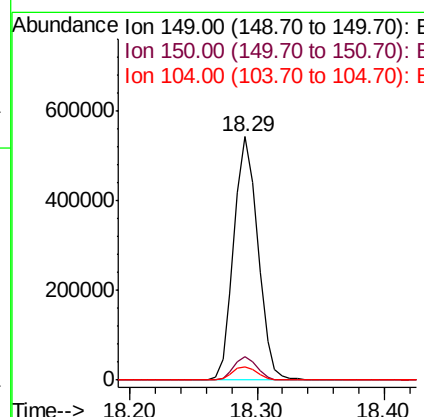
Manual Integrations
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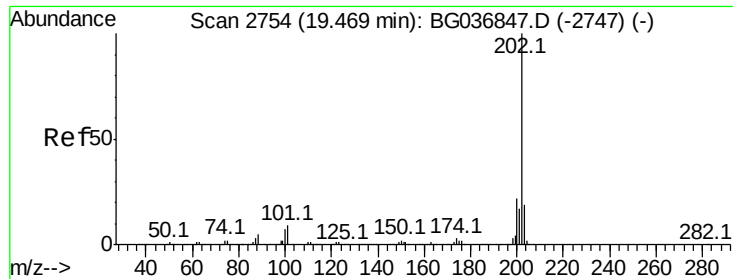
Sohil
 10/10/2018 12:41:19 PM



#73
 Di-n-butylphthalate
 Concen: 50.036 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.6	4.6	6.8





#74

Fluoranthene

Concen: 50.329 ng

RT: 19.38 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

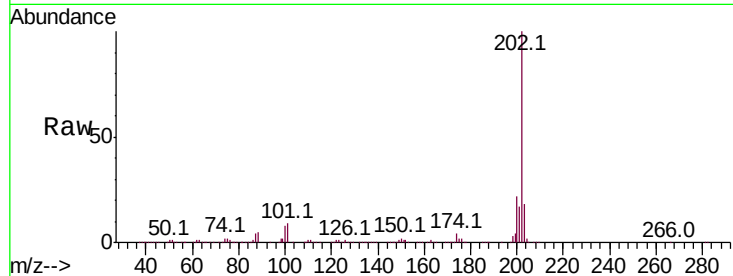
ClientSampleId :

PHASE-3-SOILMS

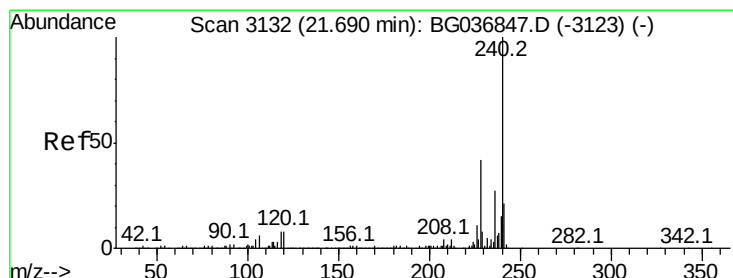
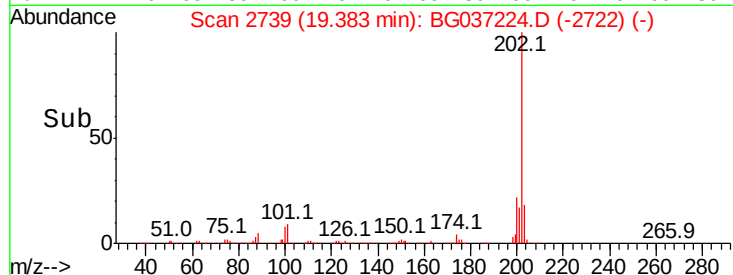
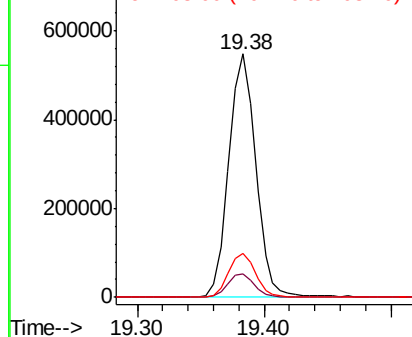
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	29.4
203	18.3	0.0	38.9

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3114

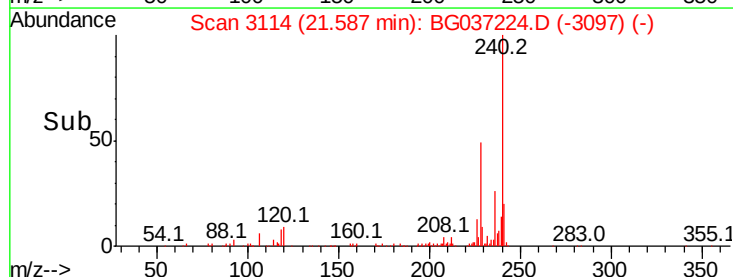
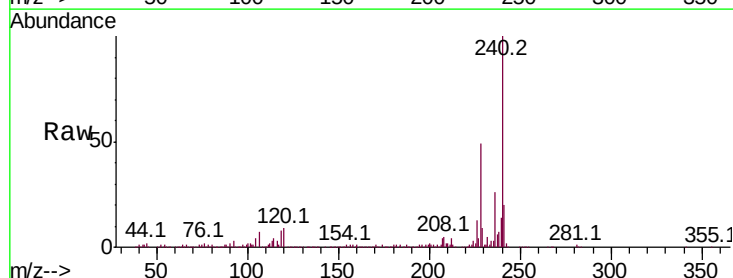
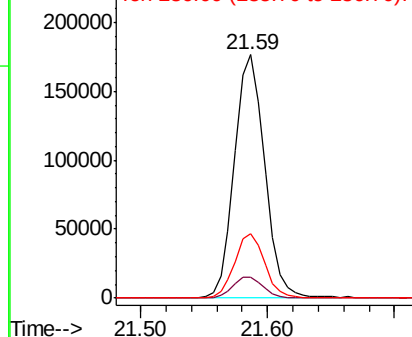
Delta R.T. 0.00 min

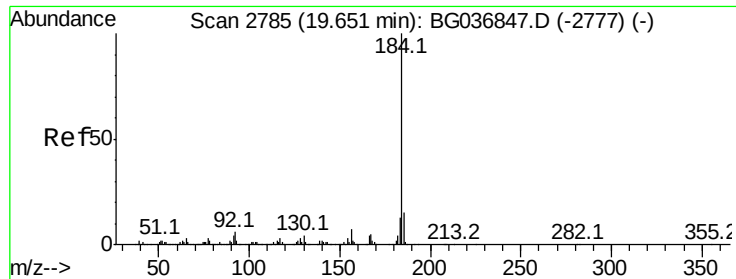
Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.3	21.2	31.8

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.054 ng

RT: 19.57 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

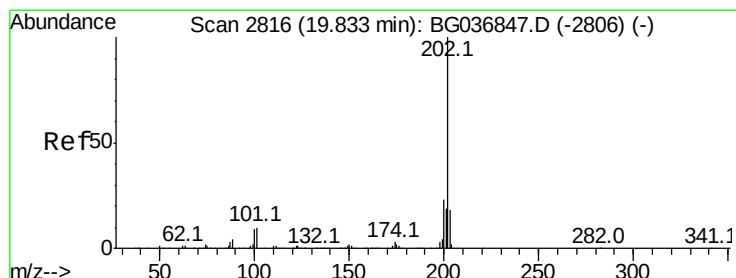
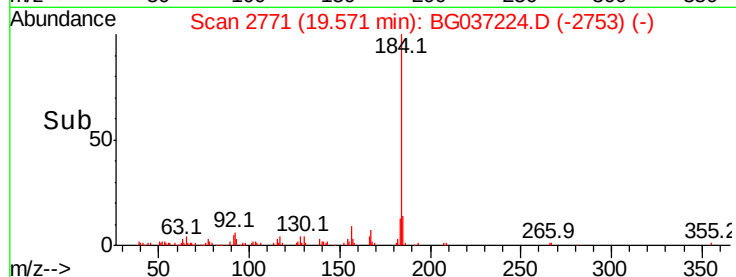
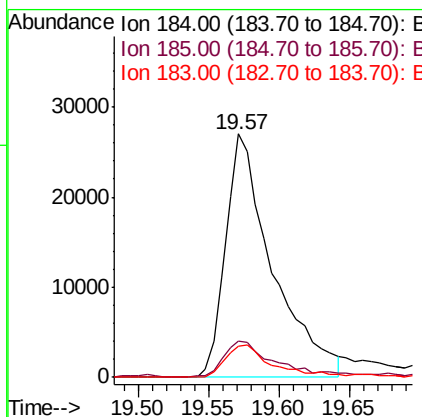
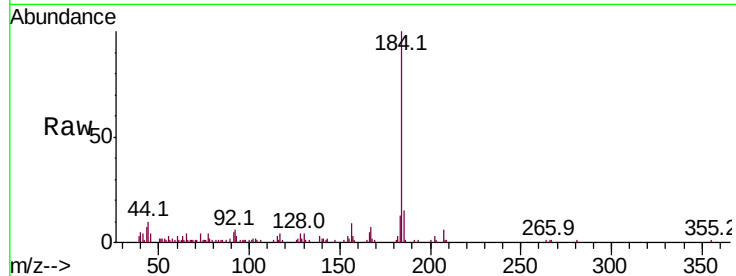
ClientSampleId :

PHASE-3-SOILMS

Tot Ion:	184	Resp:	62248
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	13.0	10.9	16.3

Manual Integrations
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#77

Pyrene

Concen: 46.000 ng

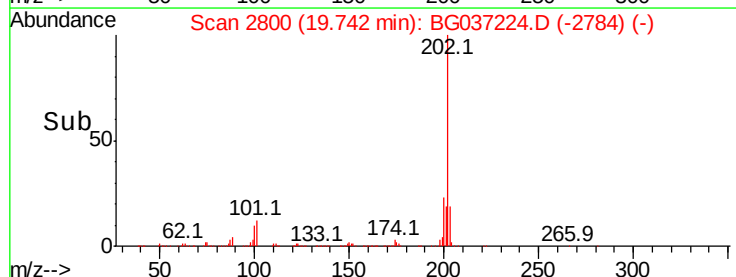
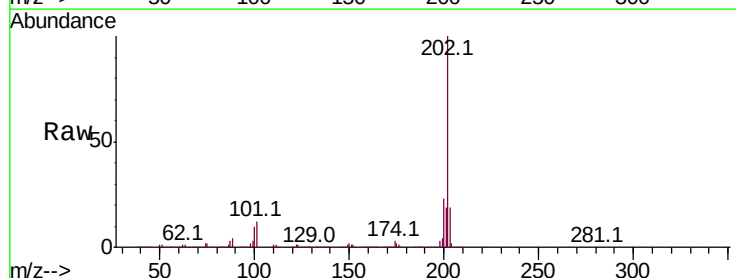
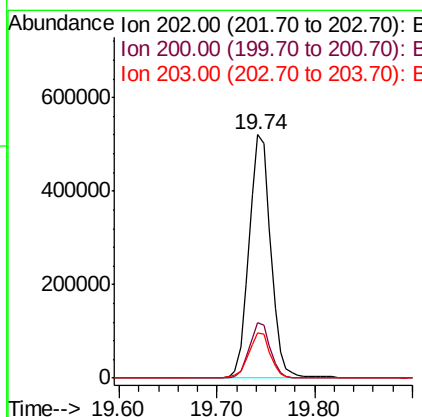
RT: 19.74 min Scan# 2800

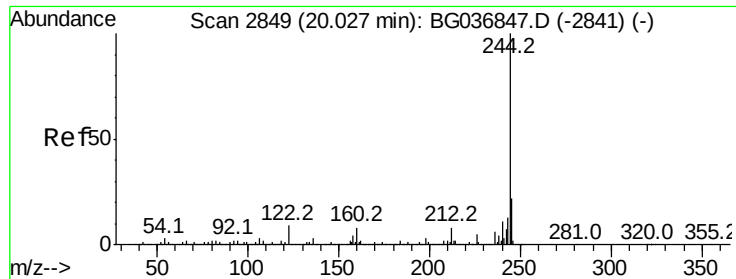
Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion:	202	Resp:	805772
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.3	27.5
203	18.6	15.1	22.7





#78

Terphenyl-d14

Concen: 93.235 ng

RT: 19.94 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

ClientSampleId :

PHASE-3-SOILMS

Tot Ion:244 Resp: 1035023

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

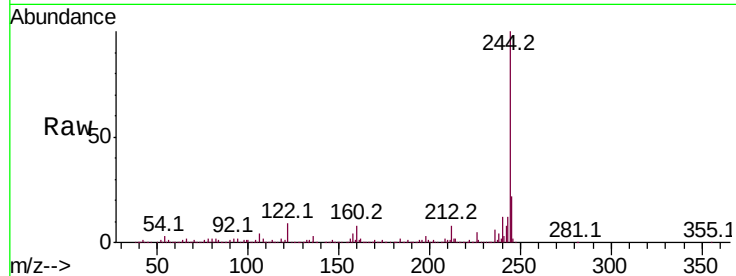
122 9.4 7.1 10.7

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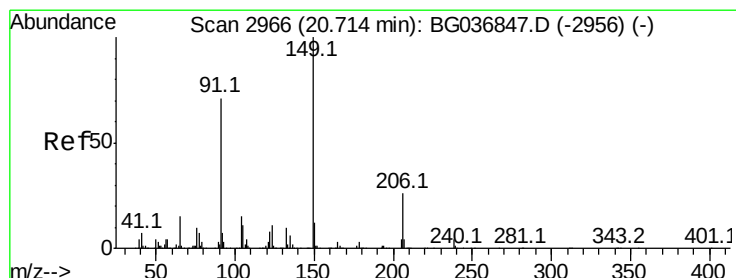
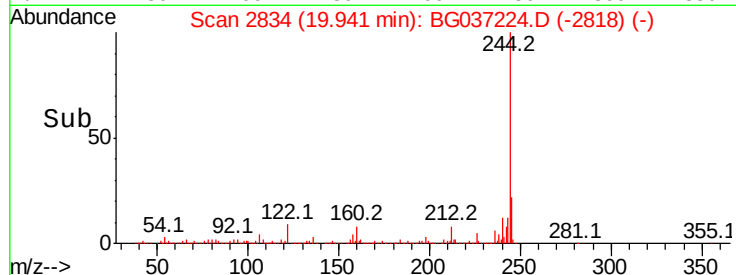
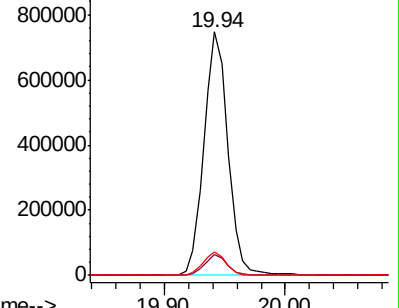
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.201 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

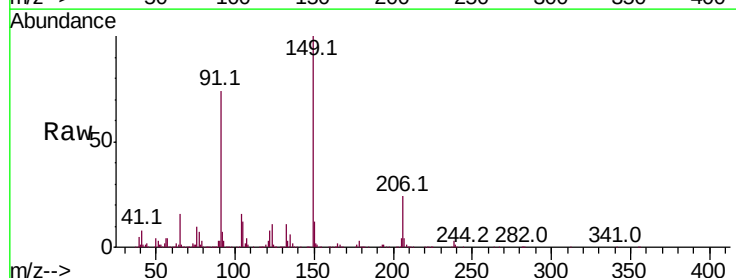
Tgt Ion:149 Resp: 343526

Ion Ratio Lower Upper

149 100

91 74.0 62.0 93.0

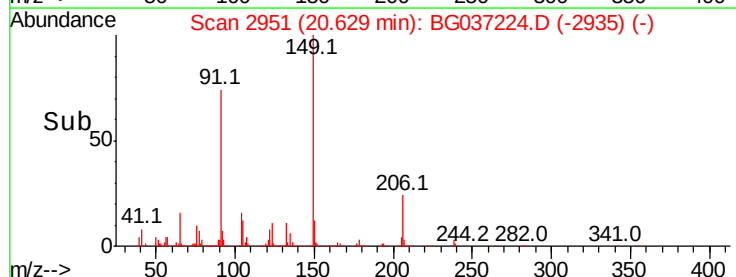
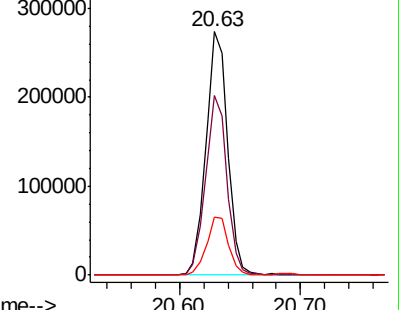
206 23.6 19.6 29.4

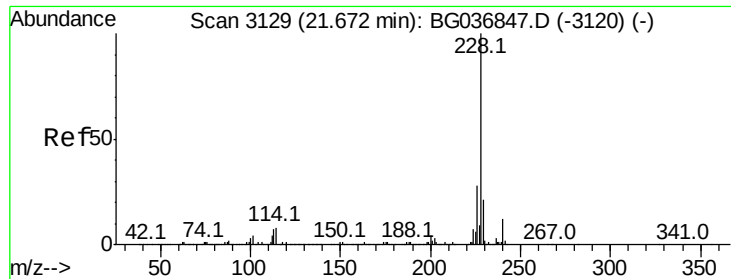


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





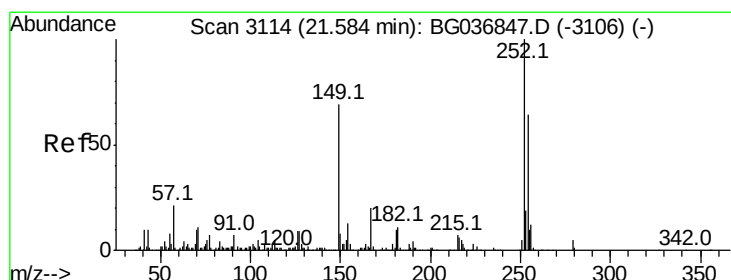
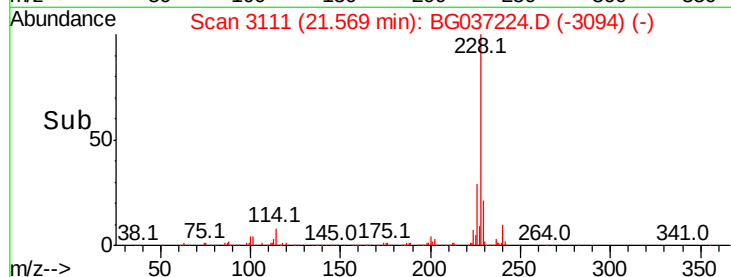
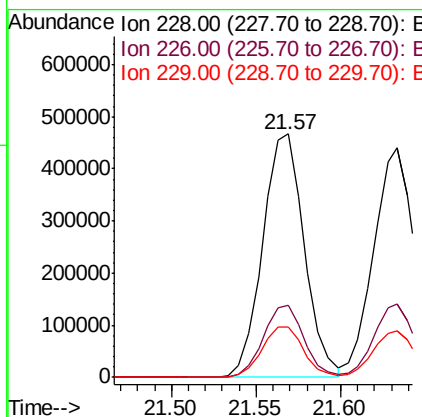
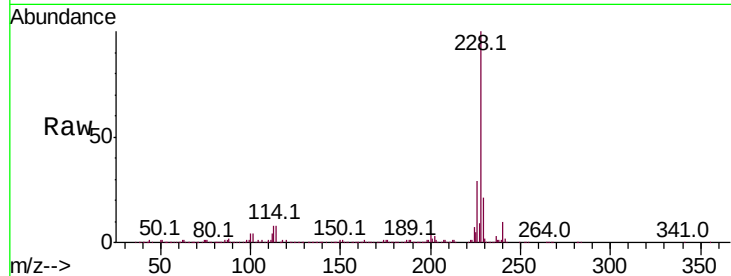
#80
Benzo(a)anthracene
Concen: 46.888 ng
RT: 21.57 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	20.7	17.1	25.7

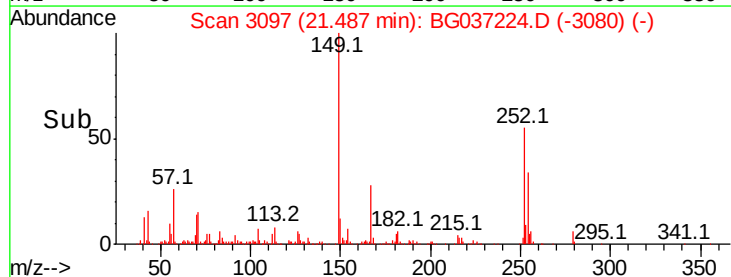
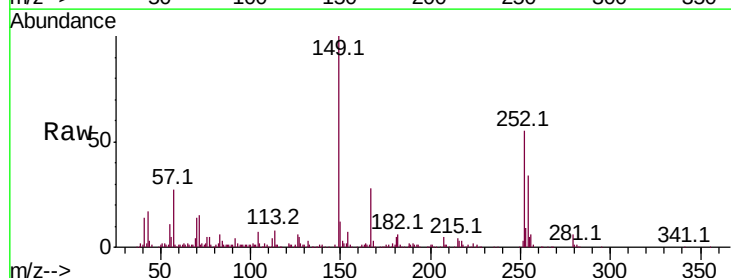
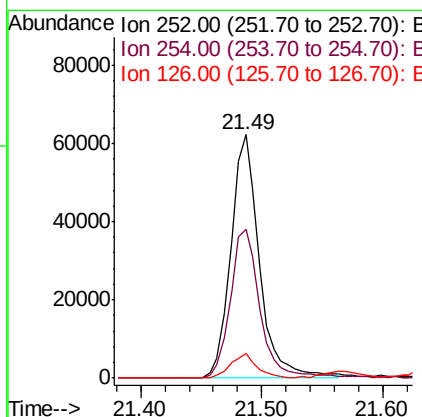
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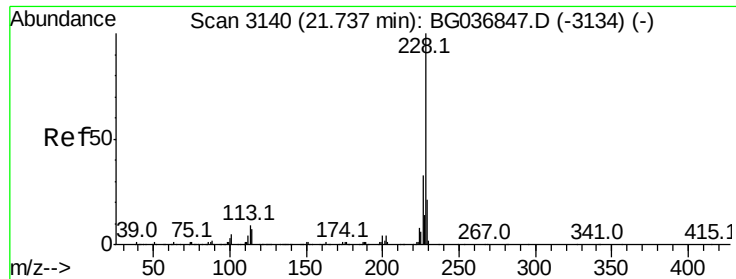
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 15.749 ng
RT: 21.49 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.0	76.4
126	10.4	7.4	11.0





#82

Chrysene

Concen: 45.138 ng

RT: 21.63 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Instrument :

BNA_G

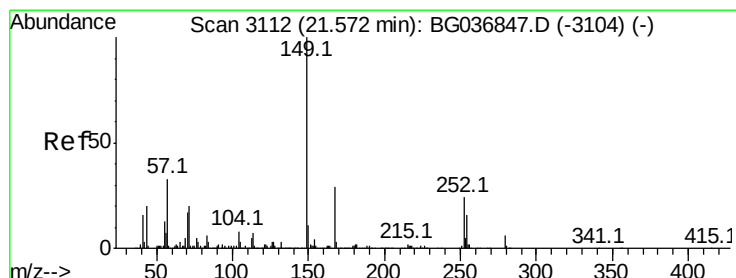
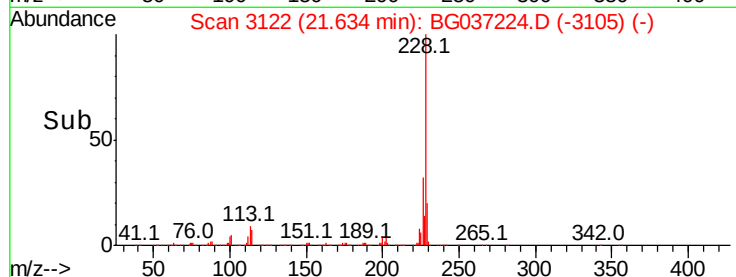
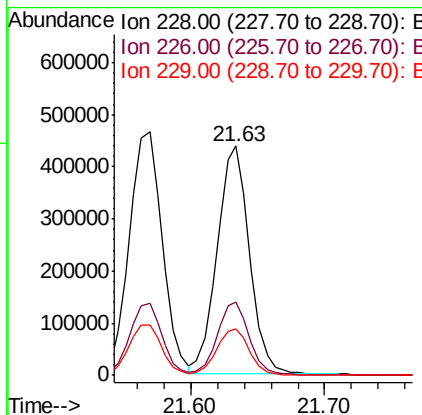
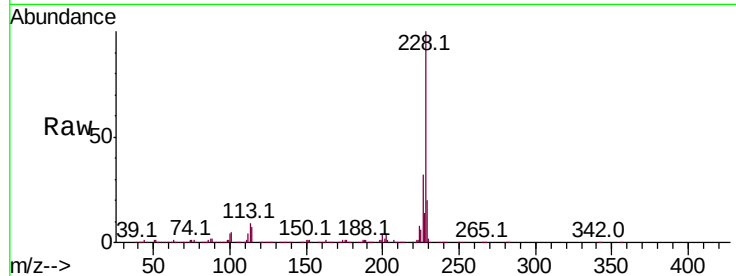
ClientSampleId :

PHASE-3-SOILMS

Tot Ion:	228	Resp:	743151
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.5	38.3
229	20.4	16.9	25.3

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 48.793 ng

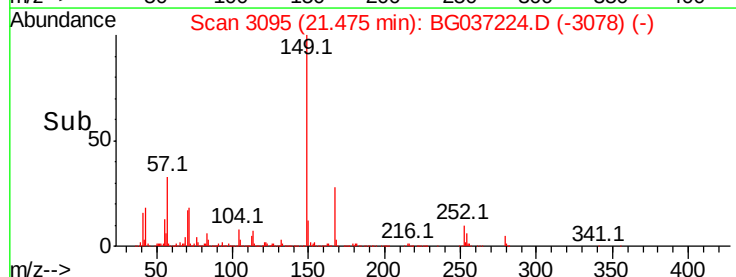
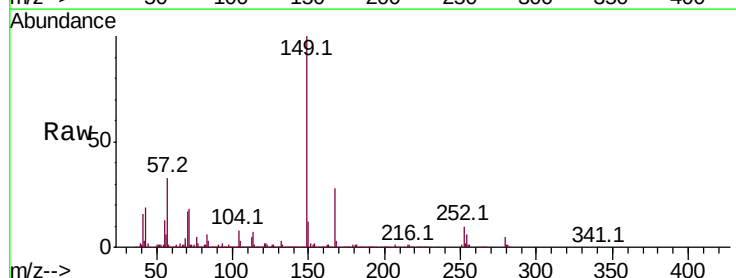
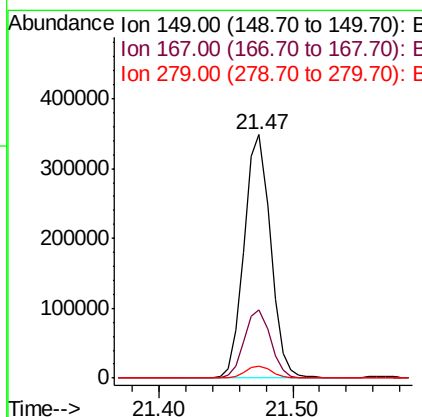
RT: 21.47 min Scan# 3095

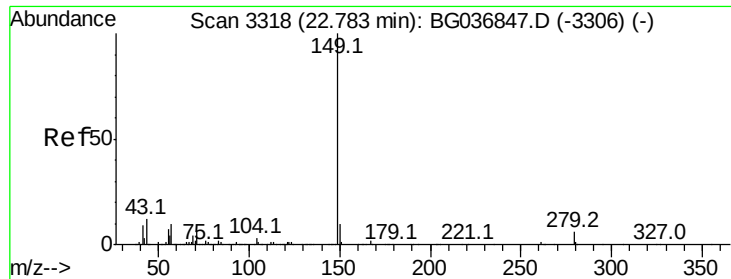
Delta R.T. 0.00 min

Lab File: BG037224.D

Acq: 9 Oct 2018 19:28

Tgt Ion:	149	Resp:	475922
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.4	35.0
279	5.0	4.6	7.0





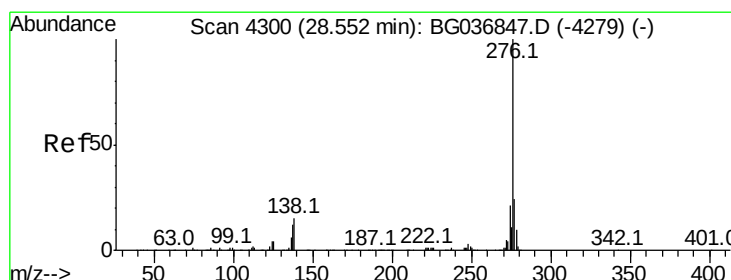
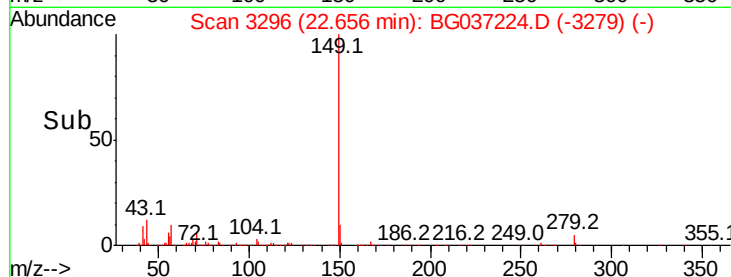
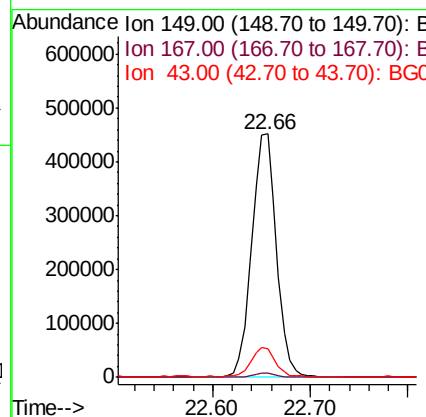
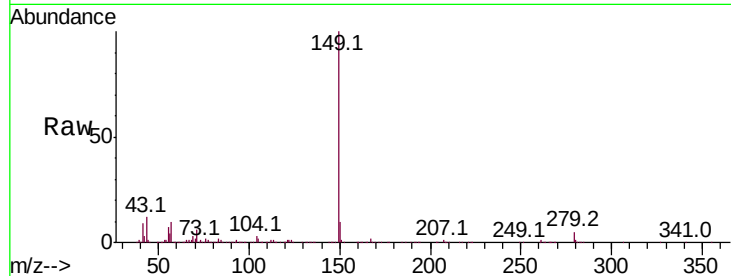
#84
Di-n-octyl phthalate
Concen: 49.892 ng
RT: 22.66 min Scan# 3296
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	11.5	10.0	15.0

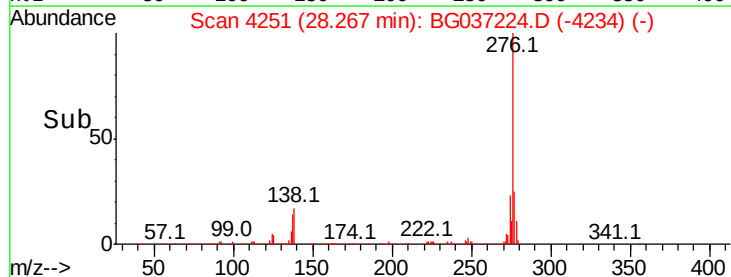
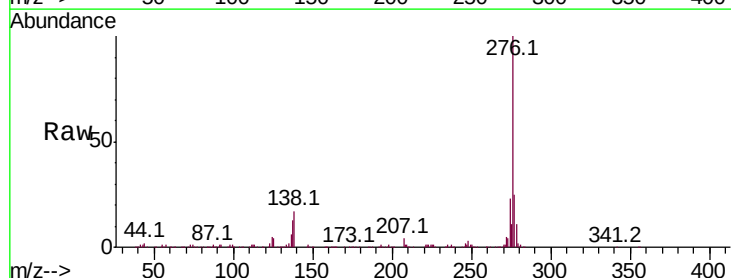
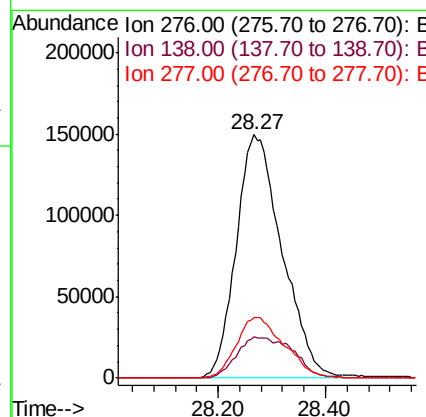
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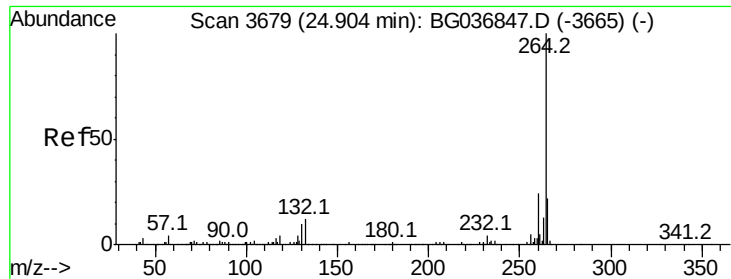
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 50.229 ng m
RT: 28.27 min Scan# 4251
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	10.6	15.8#
277	23.0	20.6	30.8





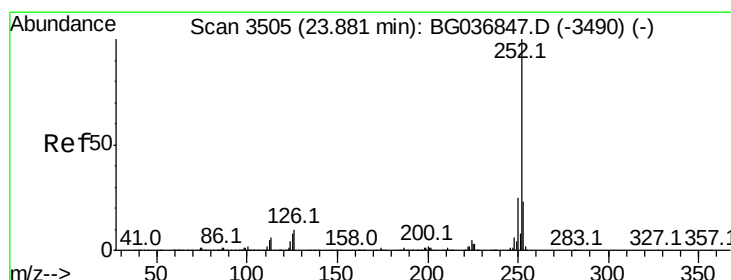
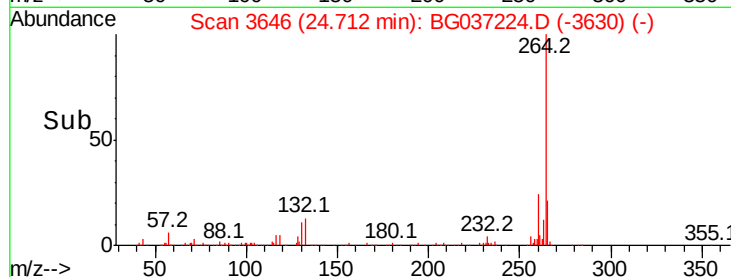
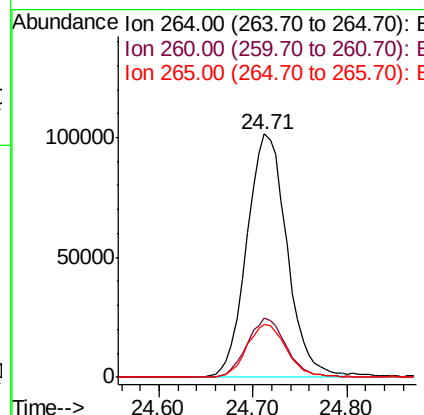
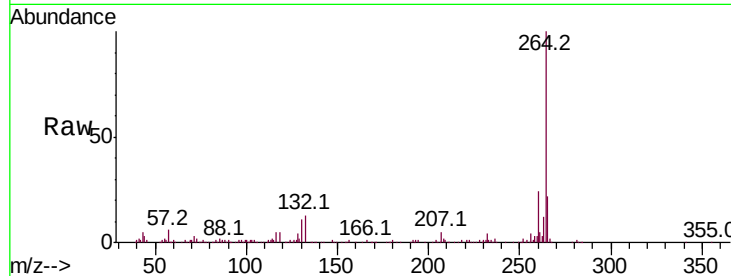
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3646
 Delta R.T. -0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.6	17.4	26.0

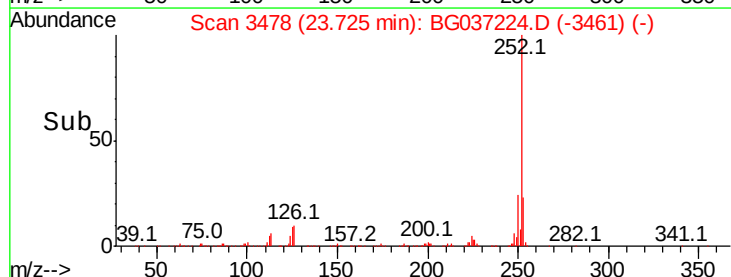
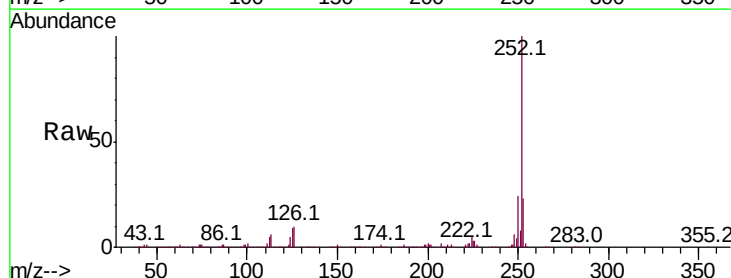
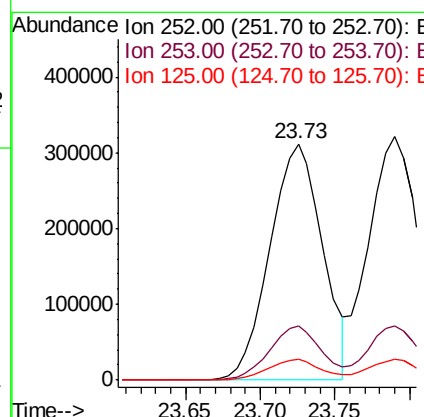
Manual Integrations
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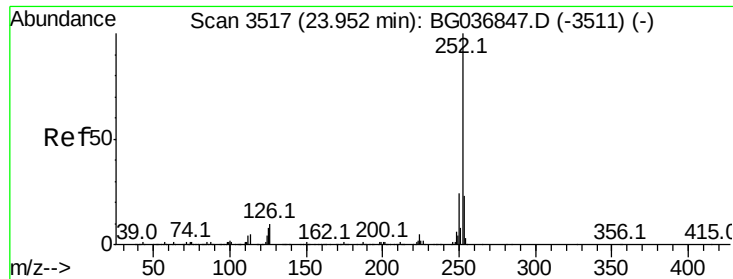
Sohil
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#87
 Benzo(b)fluoranthene
 Concen: 47.764 ng
 RT: 23.73 min Scan# 3478
 Delta R.T. 0.00 min
 Lab File: BG037224.D
 Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	8.7	6.6	10.0





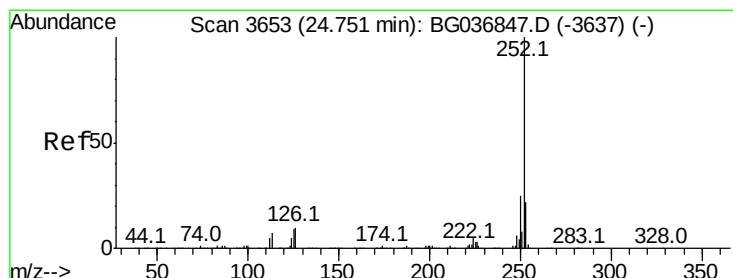
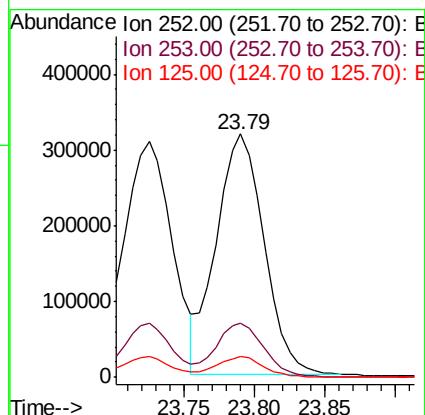
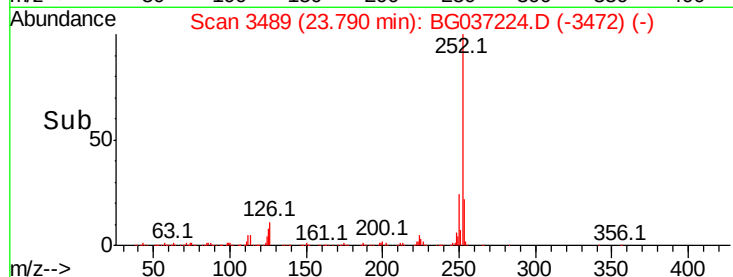
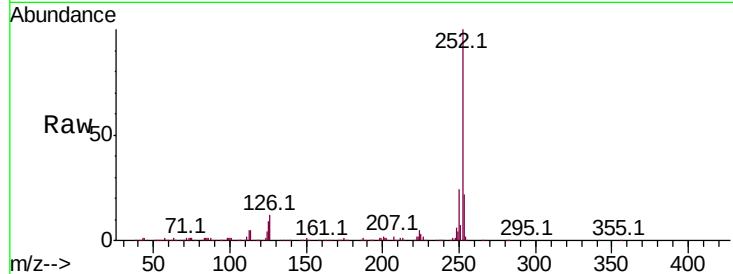
#88
Benzo(k)fluoranthene
Concen: 46.533 ng
RT: 23.79 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion:	252	Resp:	746452
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	8.6	7.0	10.6

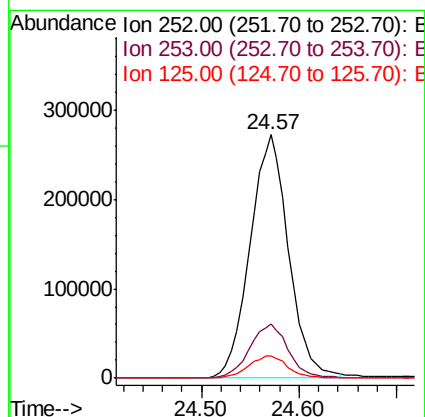
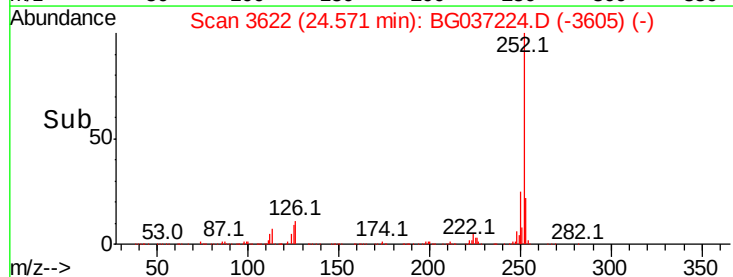
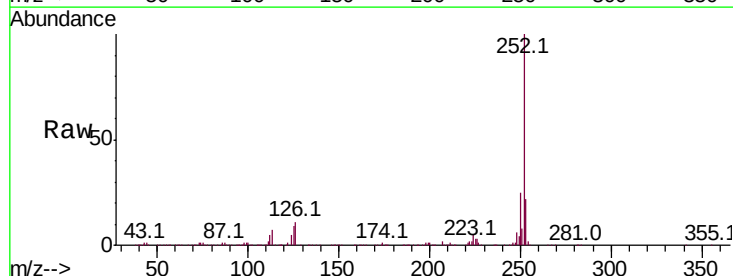
Manual Integrations
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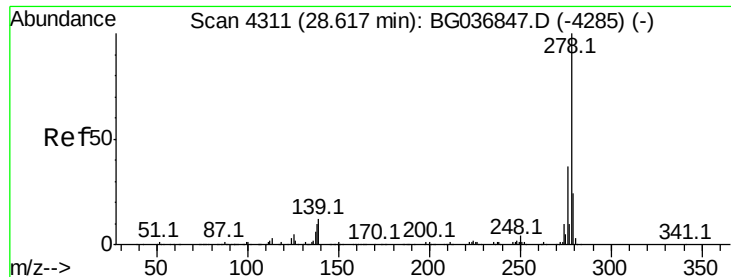
Sohil
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#89
Benzo(a)pyrene
Concen: 48.680 ng
RT: 24.57 min Scan# 3622
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion:	252	Resp:	752503
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	9.2	7.3	10.9





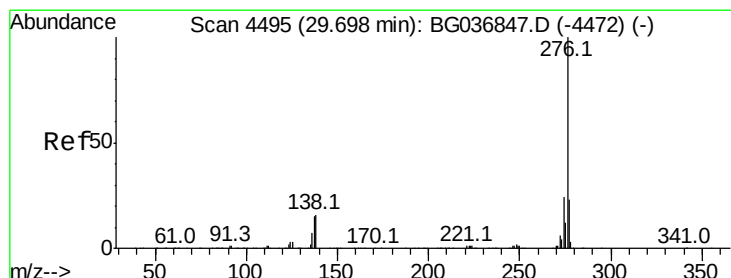
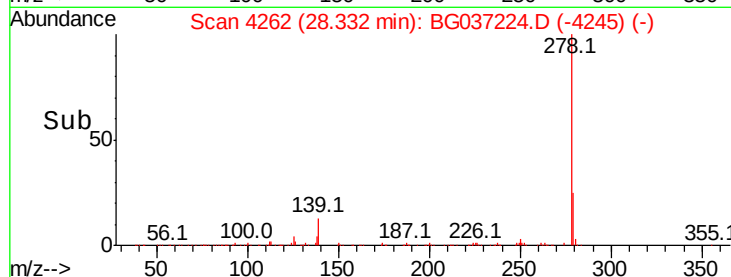
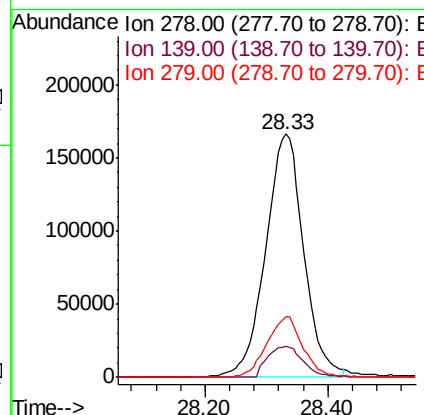
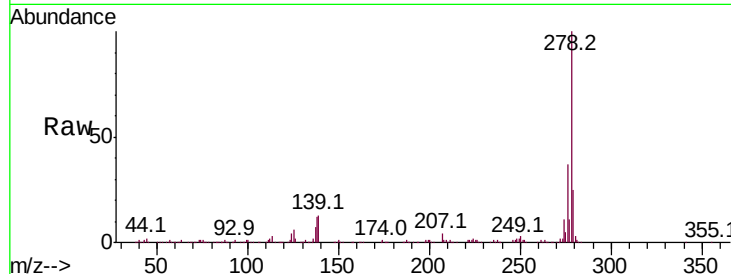
#90
Dibenzo(a,h)anthracene
Concen: 49.434 ng m
RT: 28.33 min Scan# 4262
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Instrument :
BNA_G
ClientSampleId :
PHASE-3-SOILMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.0	16.4
279	24.8	18.7	28.1

Manual Integrations
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10/10/2018 12:41:19 PM



#91
Benzo(g,h,i)perylene
Concen: 50.557 ng m
RT: 29.39 min Scan# 4442
Delta R.T. 0.00 min
Lab File: BG037224.D
Acq: 9 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	17.5	14.6	22.0

