

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037017.D
 Acq On : 27 Sep 2018 16:39
 Operator : JU/SJ
 Sample : PB113269BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

Manual Integrations
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Sohil
 9/28/2018 4:24:33 PM

Quant Time: Sep 27 19:06:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42497	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	183483	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	115576	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	310037	20.00	ng	0.00
75) Chrysene-d12	21.68	240	314036	20.00	ng	-0.01
86) Perylene-d12	24.88	264	310833	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	293594	132.49	ng	0.00
7) Phenol-d6	7.20	99	402129	117.29	ng	-0.01
23) Nitrobenzene-d5	9.21	82	248489	72.52	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	161314	116.66	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	553088	71.27	ng	-0.01
78) Terphenyl-d14	20.02	244	978993	81.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	44273	43.663	ng	95
3) Pyridine	3.91	79	124082	42.381	ng	96
4) n-Nitrosodimethylamine	3.83	42	64082	49.246	ng	# 97
6) Aniline	7.37	93	143889	32.345	ng	98
8) 2-Chlorophenol	7.61	128	119248	46.346	ng	95
9) Benzaldehyde	7.18	77	61552	27.170	ng	96
10) Phenol	7.23	94	163998	46.349	ng	94
11) bis(2-Chloroethyl)ether	7.46	93	124215	37.951	ng	99
12) 1,3-Dichlorobenzene	7.93	146	128039	40.590	ng	98
13) 1,4-Dichlorobenzene	8.08	146	127175	39.396	ng	99
14) 1,2-Dichlorobenzene	8.39	146	123356	39.433	ng	94
15) Benzyl Alcohol	8.28	79	111327	40.019	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	248627	39.567	ng	99
17) 2-Methylphenol	8.48	107	106834	43.346	ng	99
18) Hexachloroethane	9.12	117	48562	40.879	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	102743	36.024	ng	98
20) 3+4-Methylphenols	8.81	107	147000	42.872	ng	98
22) Acetophenone	8.86	105	179262	41.575	ng	# 99
24) Nitrobenzene	9.25	77	152658	41.721	ng	98
25) Isophorone	9.76	82	288455	46.074	ng	100
26) 2-Nitrophenol	9.96	139	65024	44.584	ng	97
27) 2,4-Dimethylphenol	10.01	122	111665	49.152	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	158785	41.103	ng	97
29) 2,4-Dichlorophenol	10.49	162	121482	46.128	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	128614	39.024	ng	97
31) Naphthalene	10.90	128	368439	42.202	ng	97
32) Benzoic acid	10.15	122	60683	36.456	ng	95
33) 4-Chloroaniline	11.01	127	102290	25.770	ng	98
34) Hexachlorobutadiene	11.17	225	87062	38.199	ng	97
35) Caprolactam	11.78	113	49314m	45.495	ng	
36) 4-Chloro-3-methylphenol	12.12	107	141475	45.021	ng	98
37) 2-Methylnaphthalene	12.50	142	279900	42.096	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	156635	38.857	ng	99
40) Hexachlorocyclopentadiene	12.84	237	191388	92.315	ng	100

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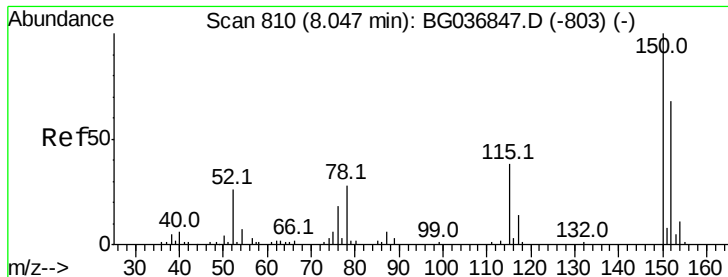
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	102145	45.631	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	116145	48.659	ng	99
45) 1,1'-Biphenyl	13.50	154	359090	40.568	ng	98
46) 2-Chloronaphthalene	13.55	162	274397	39.420	ng	100
47) 2-Nitroaniline	13.75	65	111529	46.322	ng	95
48) Acenaphthylene	14.39	152	468146	42.918	ng	99
49) Dimethylphthalate	14.12	163	383807	41.256	ng	100
50) 2,6-Dinitrotoluene	14.24	165	84211	41.488	ng	98
51) Acenaphthene	14.73	154	269257	40.843	ng	99
52) 3-Nitroaniline	14.58	138	67601	31.606	ng	96
53) 2,4-Dinitrophenol	14.78	184	90476	93.667	ng	94
54) Dibenzofuran	15.07	168	447916	40.168	ng	99
55) 4-Nitrophenol	14.89	139	147958	108.283	ng	100
56) 2,4-Dinitrotoluene	15.03	165	124859	44.084	ng	93
57) Fluorene	15.72	166	369784	44.368	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	113849	47.018	ng	98
59) Diethylphthalate	15.48	149	392279	41.807	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	201630	38.200	ng	98
61) 4-Nitroaniline	15.74	138	96073	42.703	ng	97
62) Azobenzene	16.00	77	391707	43.447	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	71957	44.393	ng	97
65) n-Nitrosodiphenylamine	15.92	169	336248	39.285	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	130645	37.047	ng	97
67) Hexachlorobenzene	16.72	284	133473	36.749	ng	98
68) Atrazine	16.87	200	143204	41.320	ng	98
69) Pentachlorophenol	17.06	266	166206	72.682	ng	97
70) Phenanthrene	17.45	178	634777	42.487	ng	99
71) Anthracene	17.55	178	649271	43.949	ng	99
72) Carbazole	17.81	167	590274	40.980	ng	98
73) Di-n-butylphthalate	18.36	149	695669	43.490	ng	98
74) Fluoranthene	19.46	202	794253	44.164	ng	99
76) Benzidine	19.65	184	353115	37.197	ng	97
77) Pyrene	19.82	202	782286	41.512	ng	99
79) Butylbenzylphthalate	20.70	149	324758	43.235	ng	98
80) Benzo(a)anthracene	21.66	228	771829	42.103	ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	204886	29.363	ng	100
82) Chrysene	21.73	228	717211	40.493	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	450053	42.890	ng	99
84) Di-n-octyl phthalate	22.77	149	749178	43.363	ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	831691	43.727	ng	100
87) Benzo(b)fluoranthene	23.87	252	739985	44.671	ng	99
88) Benzo(k)fluoranthene	23.93	252	721051	43.387	ng	98
89) Benzo(a)pyrene	24.73	252	718444	44.862	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	674342	44.929	ng	99
91) Benzo(g,h,i)perylene	29.67	276	691946	45.936	ng	98

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



#1

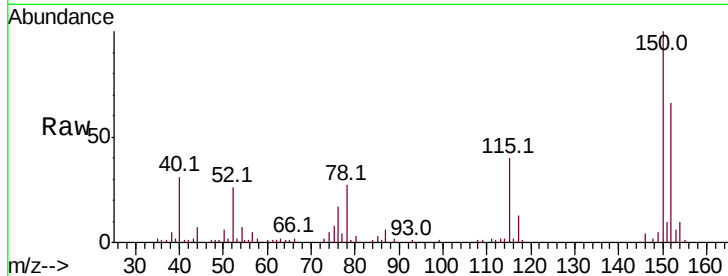
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampled :
PB113269BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	60.3	44.5	66.7

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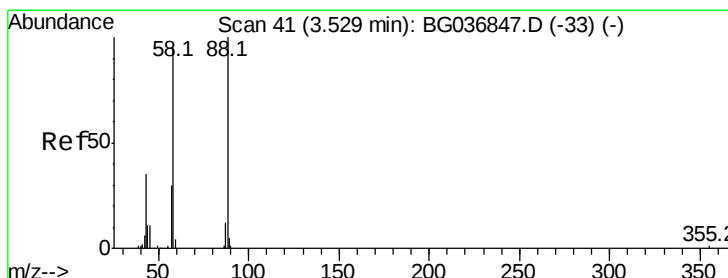
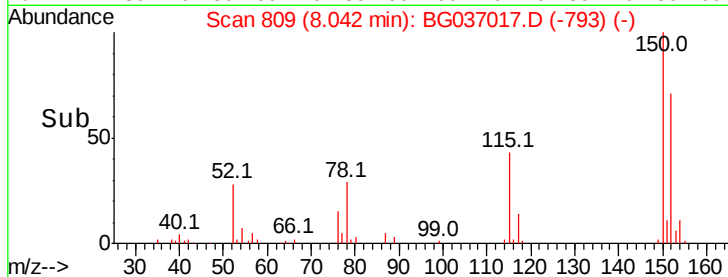
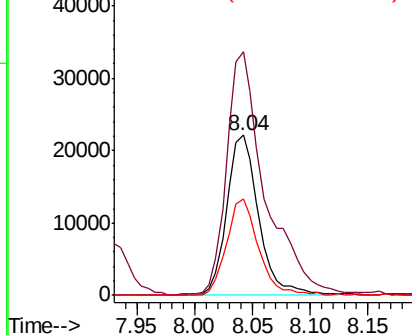


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

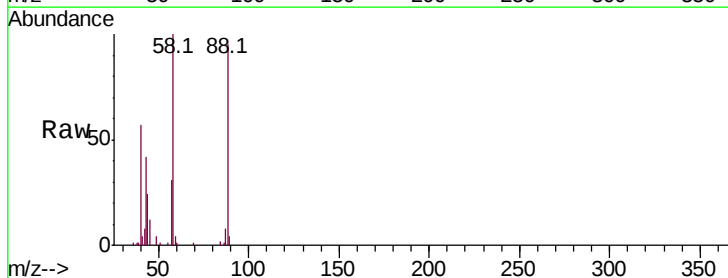
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.663 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.3	72.6	109.0
43	34.5	29.0	43.4

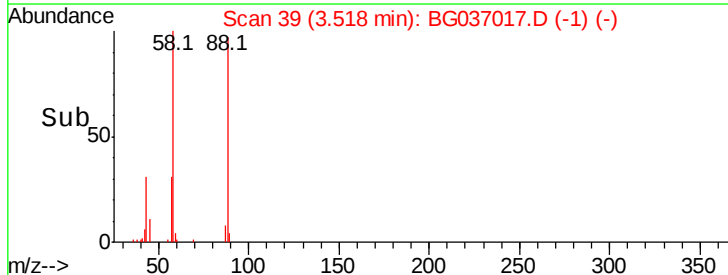
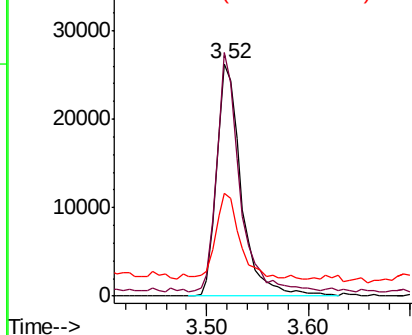


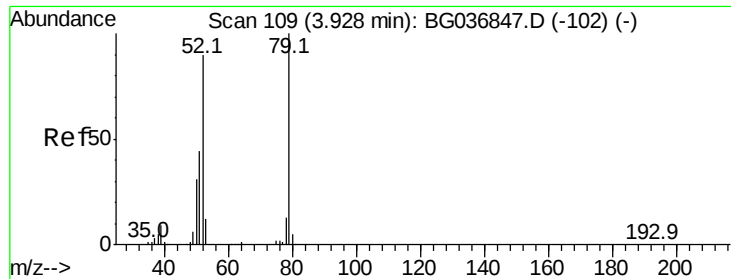
Abundance

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: 42.381 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

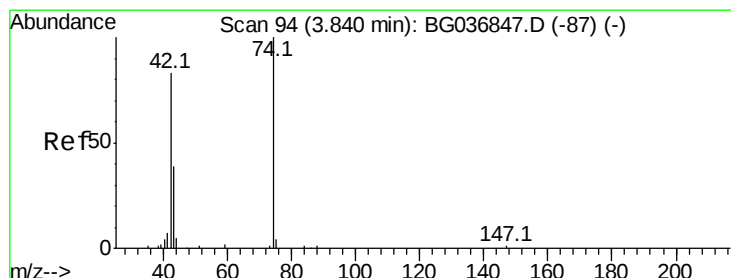
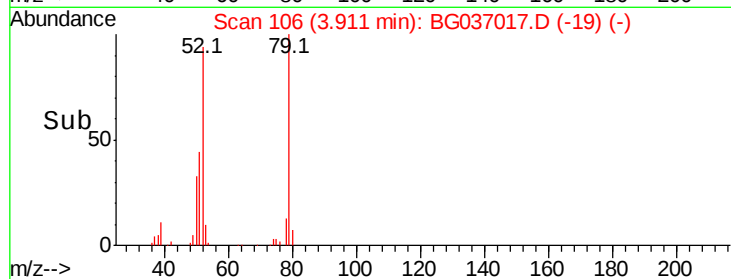
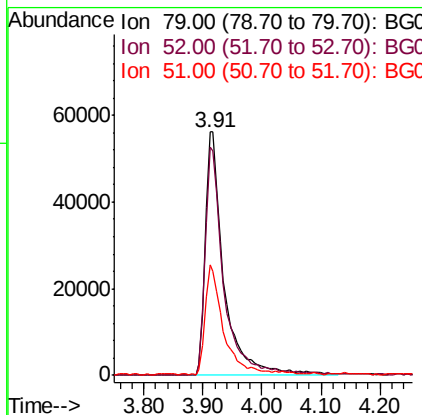
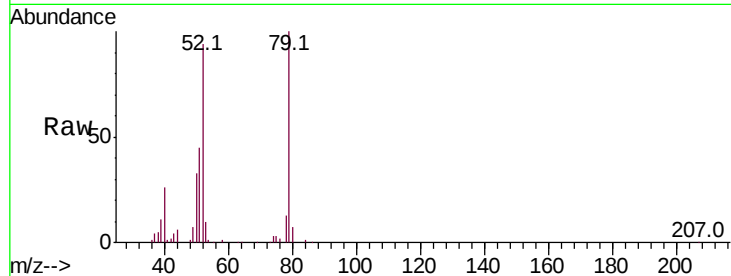
ClientSampleId :

PB113269BS

Tot Ion:	79	Resp:	124082
Ion Ratio	Lower	Upper	
79	100		
52	93.6	72.3	108.5
51	45.5	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 49.246 ng

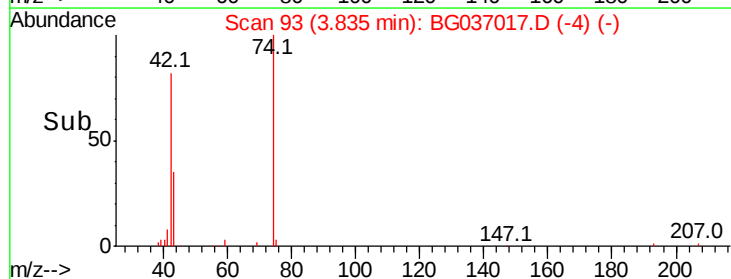
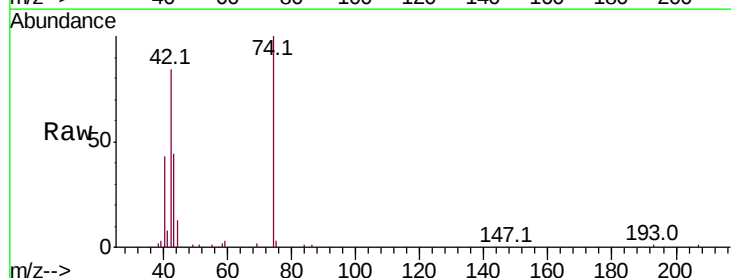
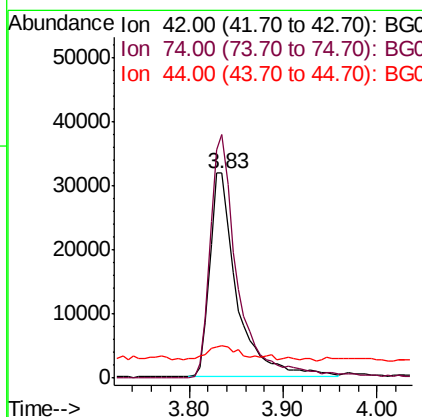
RT: 3.83 min Scan# 93

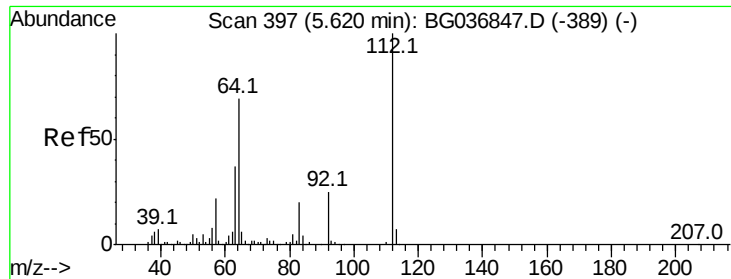
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	42	Resp:	64082
Ion Ratio	Lower	Upper	
42	100		
74	118.9	96.6	145.0
44	15.8	7.0	10.4#





#5

2-Fluorophenol

Concen: 132.492 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleId :

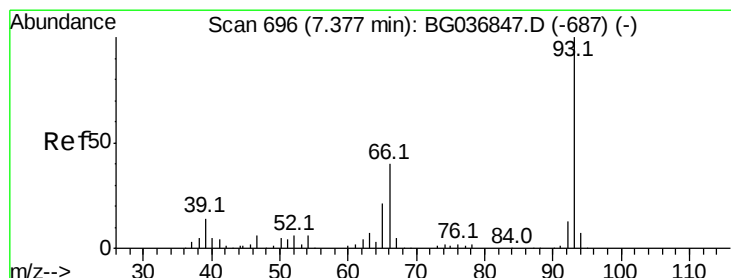
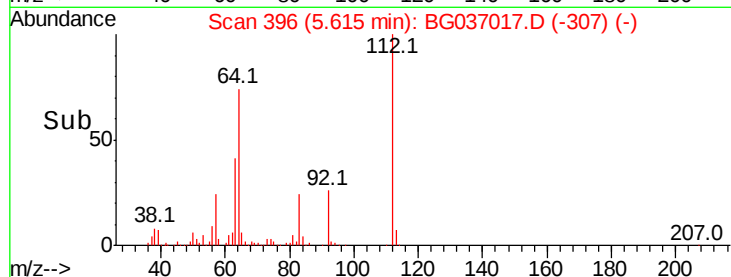
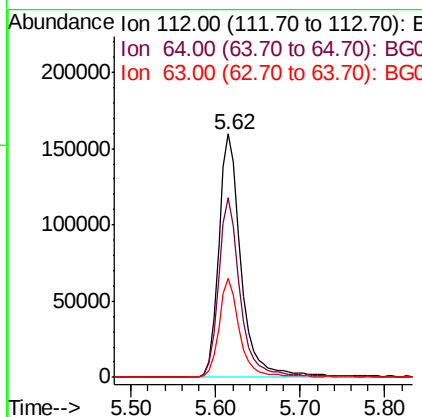
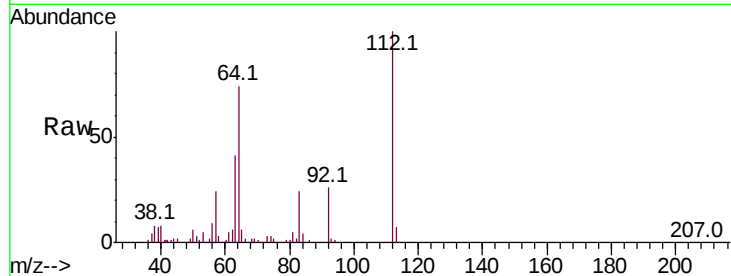
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	293594		
64	74.0	57.2	85.8	
63	40.8	30.8	46.2	

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#6

Aniline

Concen: 32.345 ng

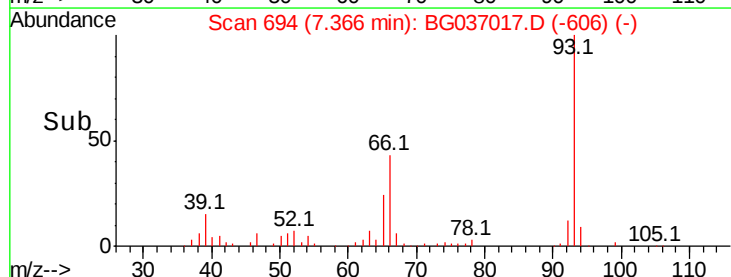
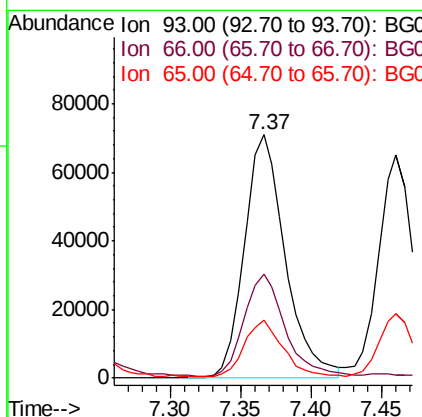
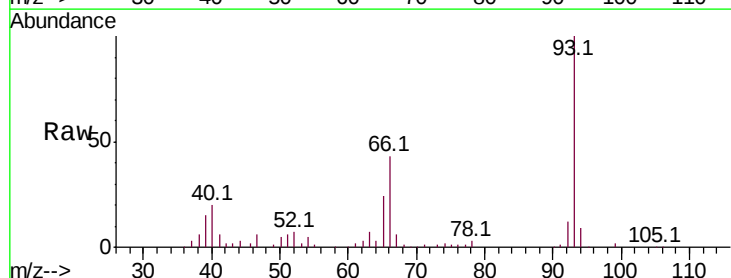
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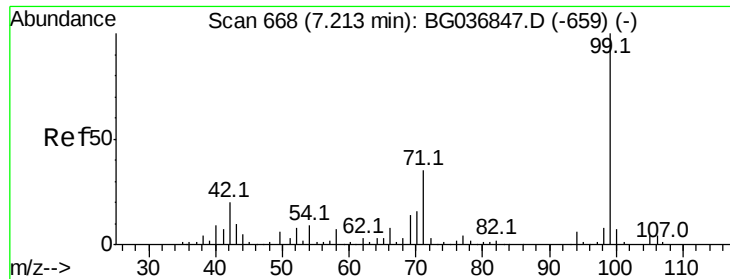
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	143889		
66	42.5	35.0	52.4	
65	23.7	17.6	26.4	





#7

Phenol-d6

Concen: 117.292 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

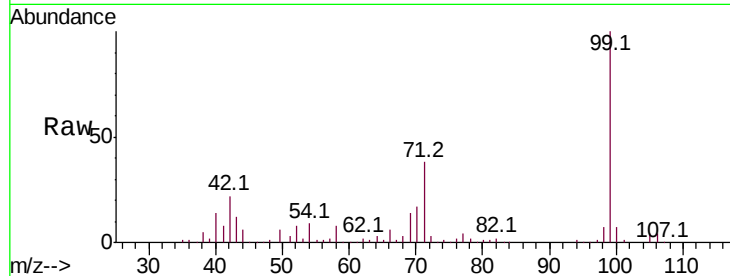
ClientSampled :

PB113269BS

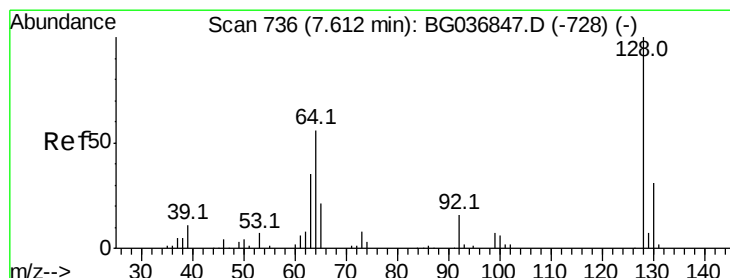
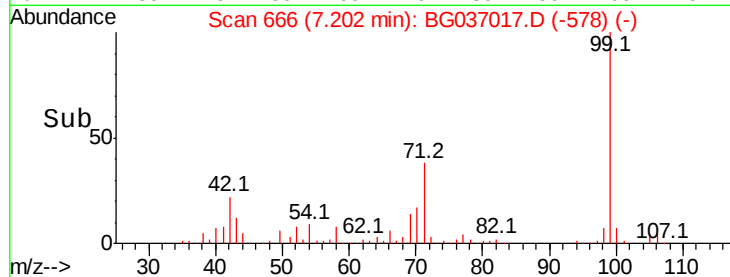
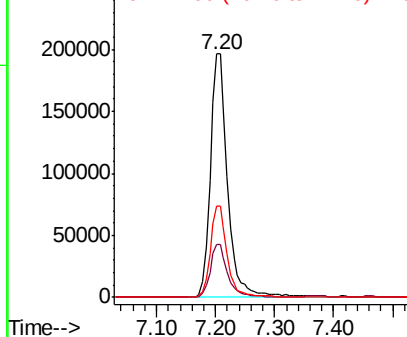
Tot Ion:	99	Resp:	402129
Ion Ratio	Lower	Upper	
99	100		
42	21.6	16.5	24.7
71	37.6	29.4	44.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.346 ng

RT: 7.61 min Scan# 735

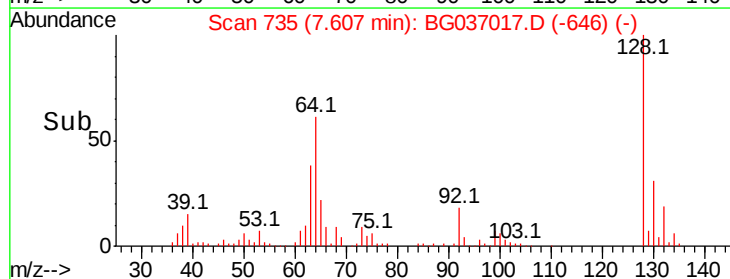
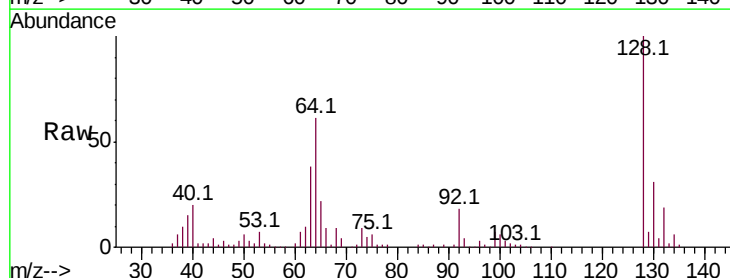
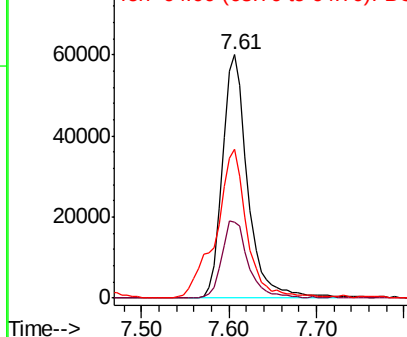
Delta R.T. -0.01 min

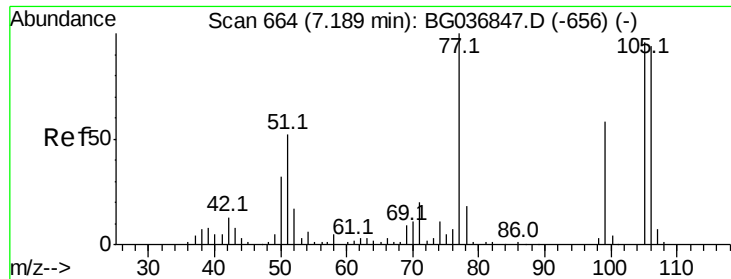
Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	128	Resp:	119248
Ion Ratio	Lower	Upper	
128	100		
130	31.3	10.0	50.0
64	61.2	36.0	76.0

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





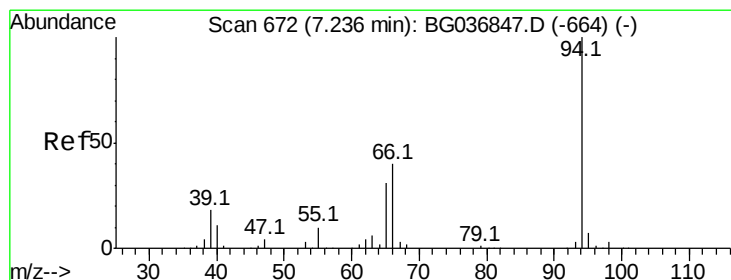
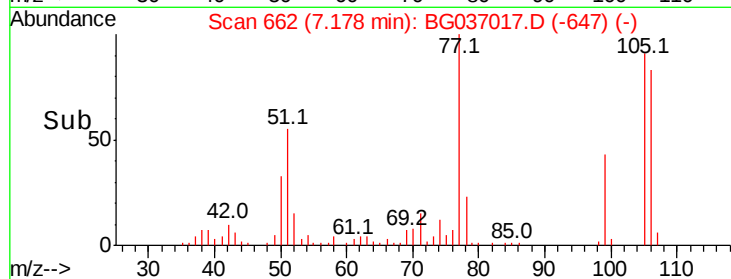
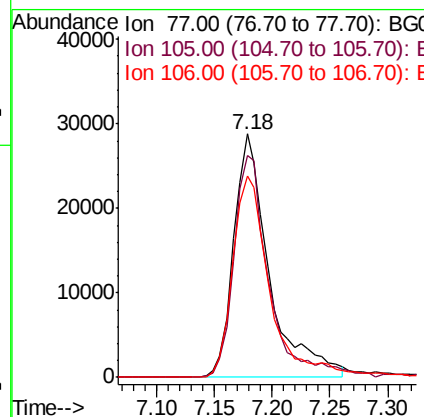
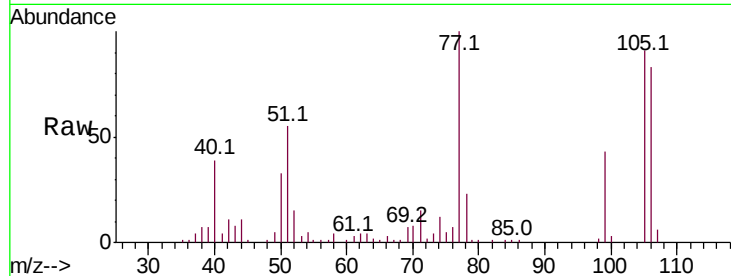
#9
Benzaldehyde
Concen: 27.170 ng
RT: 7.18 min Scan# 662
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleID :
PB113269BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.0	70.5	110.5
106	82.8	69.8	109.8

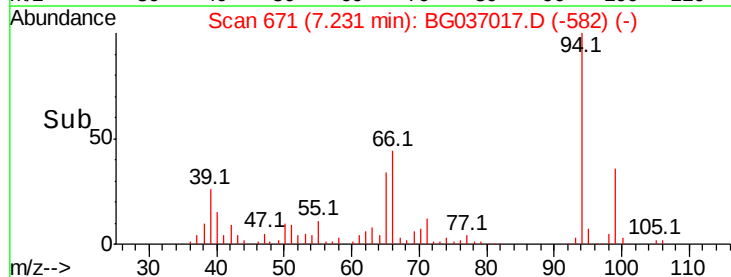
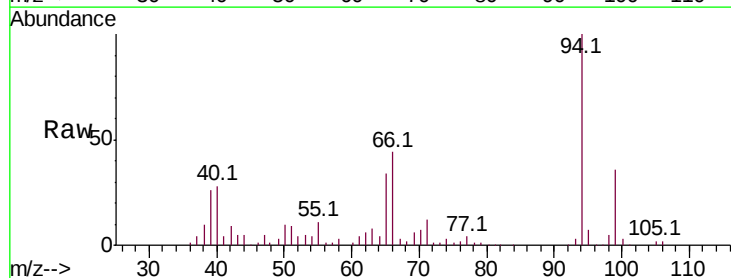
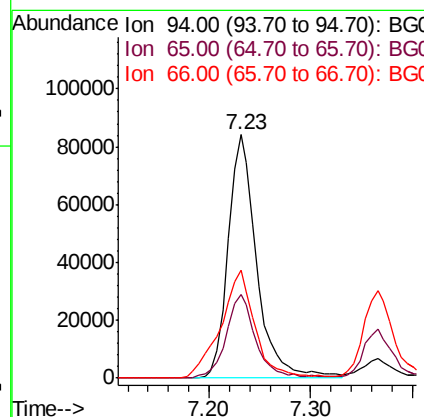
Manual Integrations
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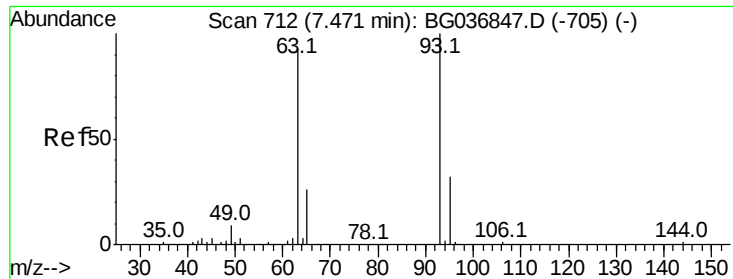
Sohil
9/28/2018 4:24:33 PM



#10
Phenol
Concen: 46.349 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	11.5	51.5
66	44.1	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 37.951 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

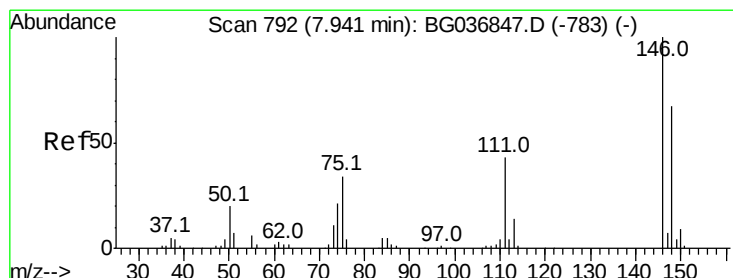
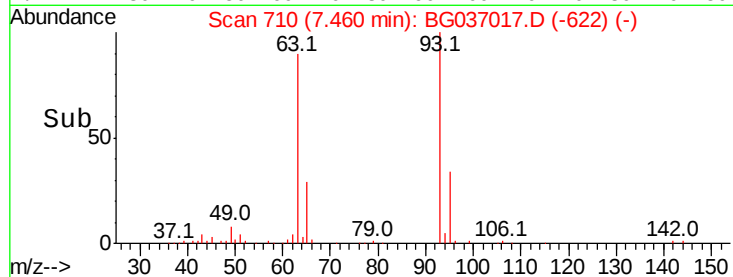
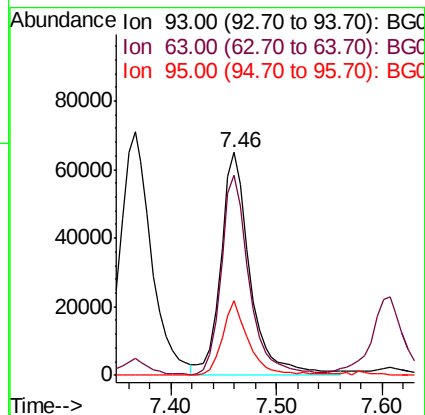
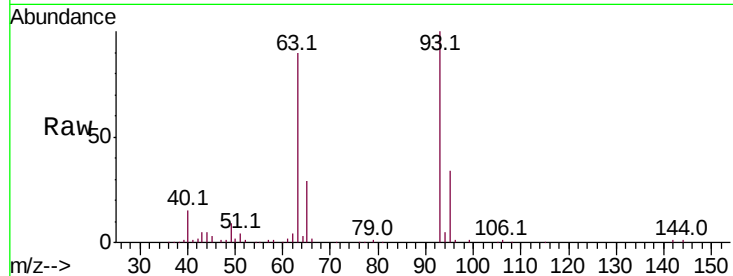
ClientSampled :

PB113269BS

Tot Ion:	93	Resp:	124215
Ion Ratio	Lower	Upper	
93	100		
63	89.8	69.9	109.9
95	33.5	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 40.590 ng

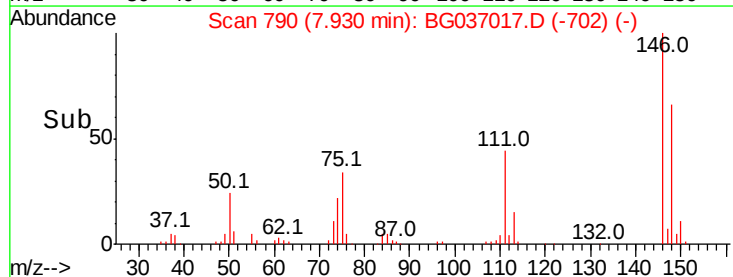
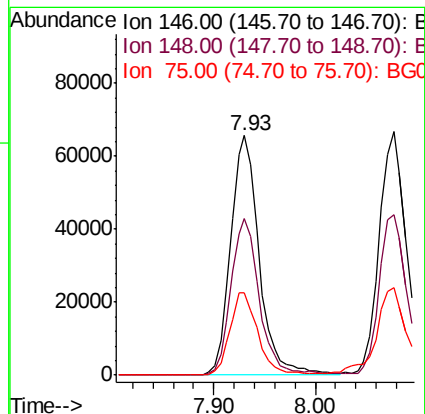
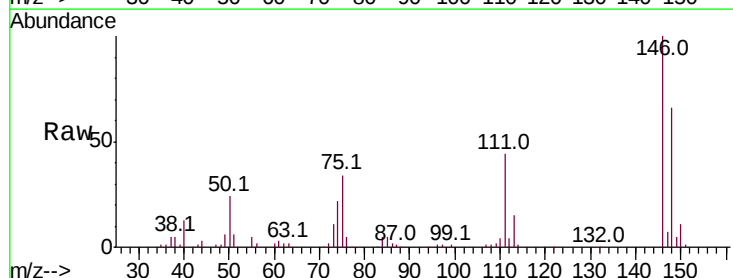
RT: 7.93 min Scan# 790

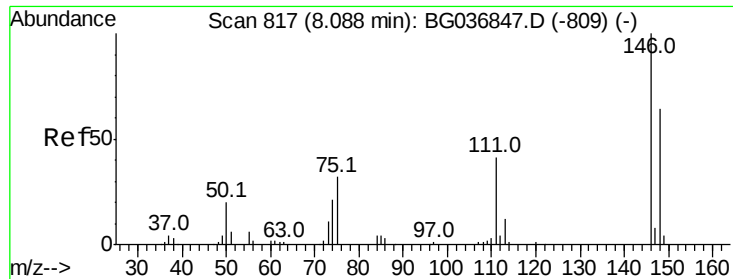
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	146	Resp:	128039
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.8	80.6
75	34.5	27.2	40.8





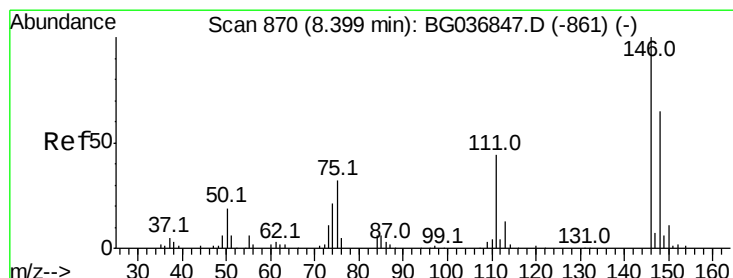
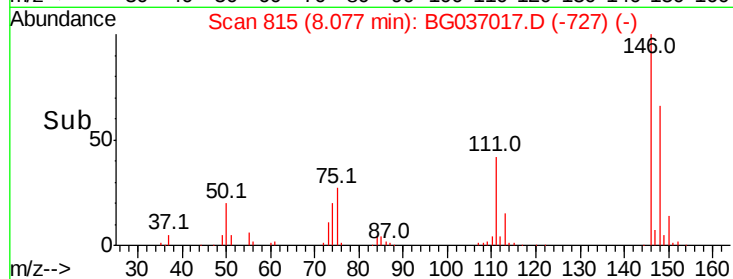
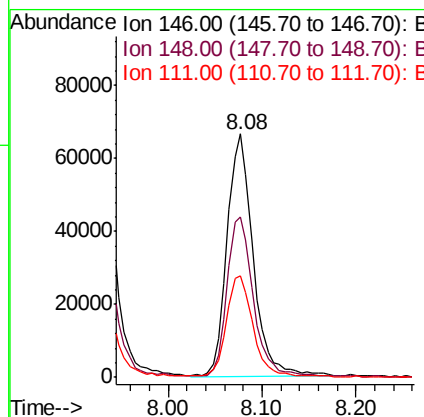
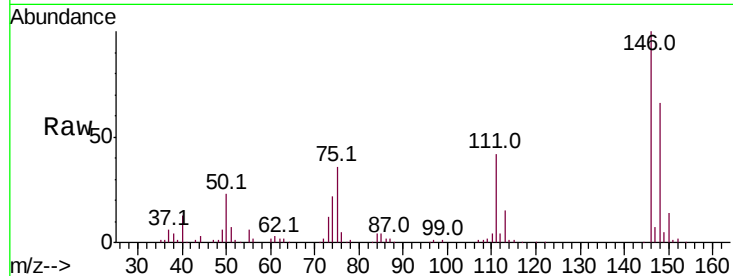
#13
 1,4-Dichlorobenzene
 Concen: 39.396 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.9	80.9
111	41.7	33.8	50.6

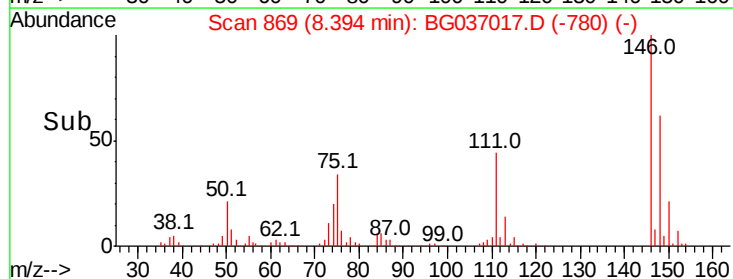
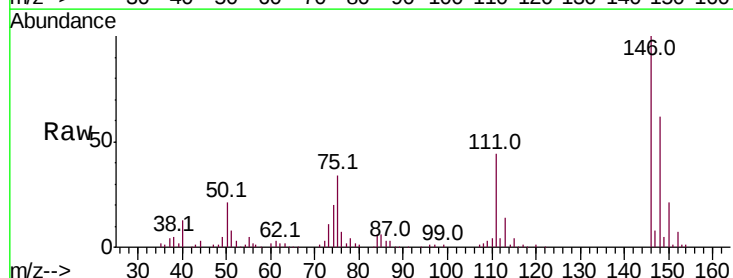
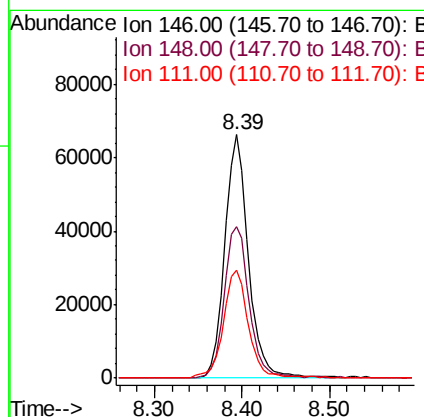
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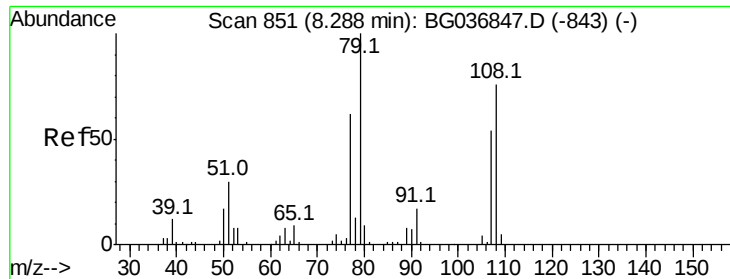
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#14
 1,2-Dichlorobenzene
 Concen: 39.433 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	55.0	82.6
111	44.3	34.6	51.8





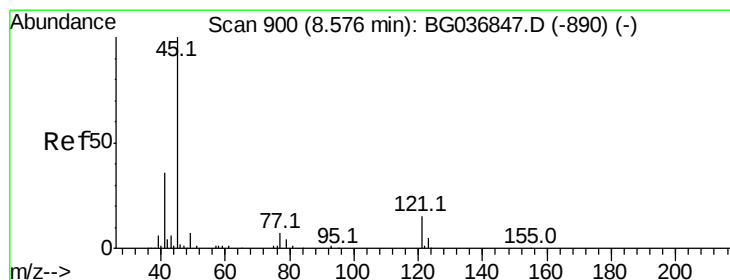
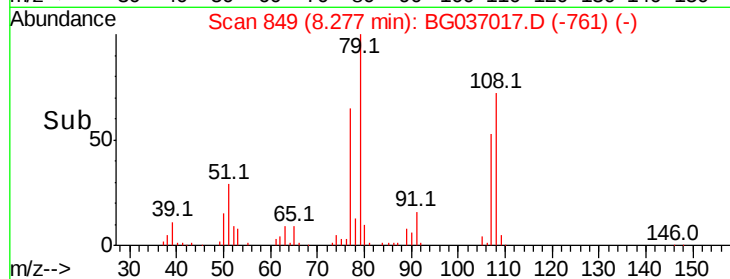
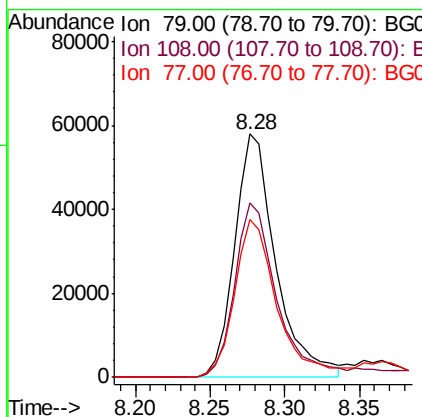
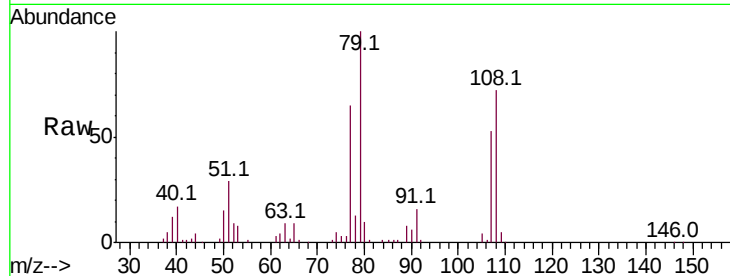
#15
Benzyl Alcohol
Concen: 40.019 ng
RT: 8.28 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.7	55.9	83.9
77	64.9	50.0	75.0

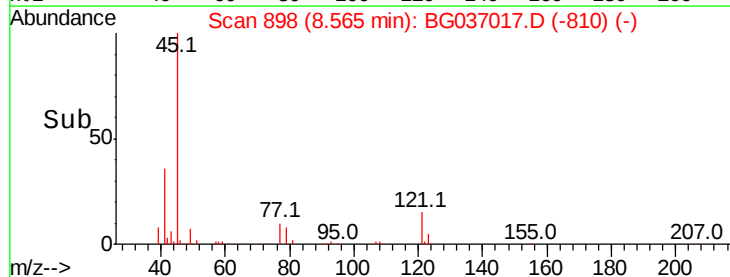
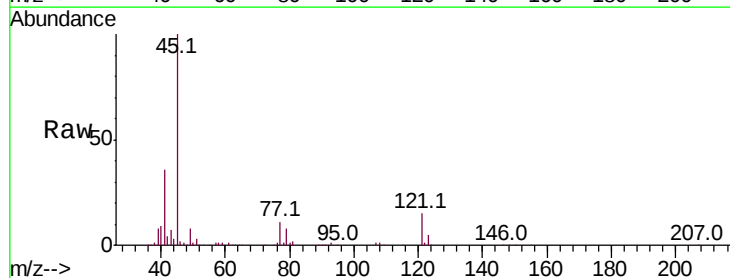
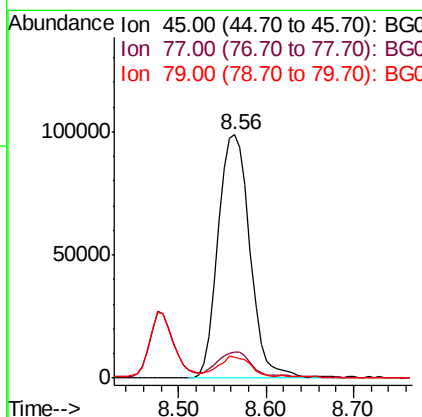
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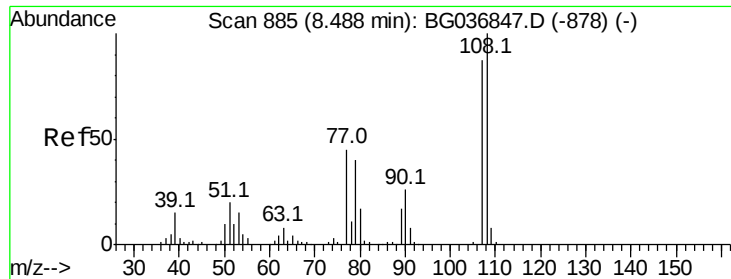
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.567 ng
RT: 8.56 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.5
79	8.5	0.0	27.9





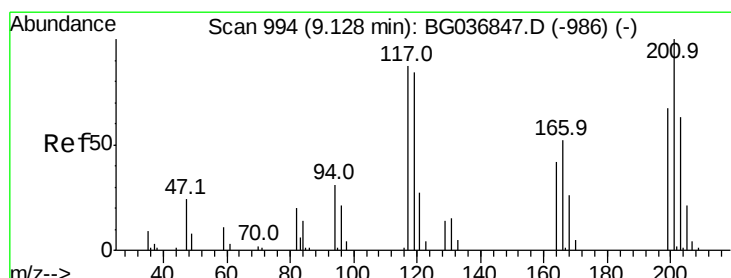
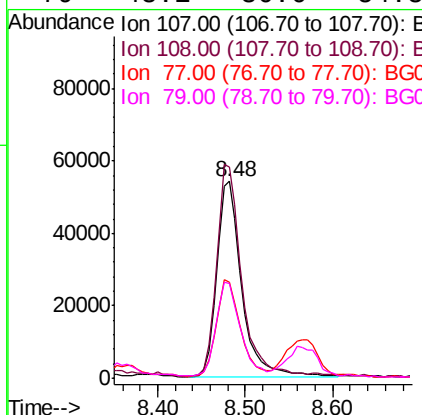
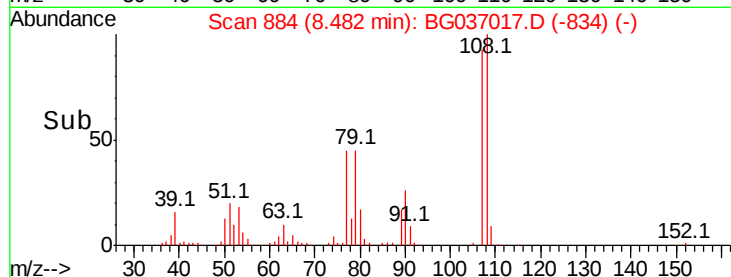
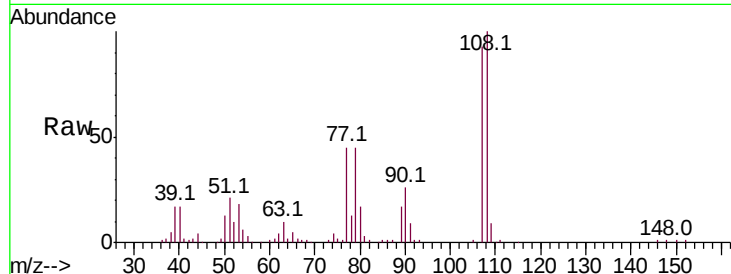
#17
2-Methylphenol
Concen: 43.346 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	86.7	130.1	
77	48.6	39.0	58.4	
79	48.1	36.6	54.8	

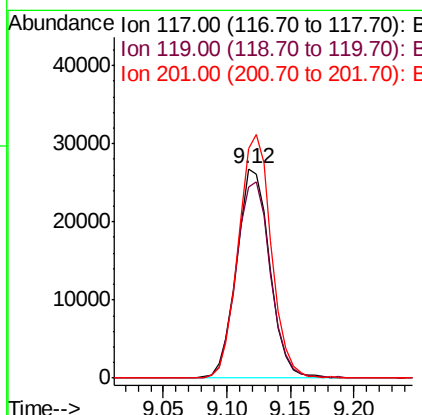
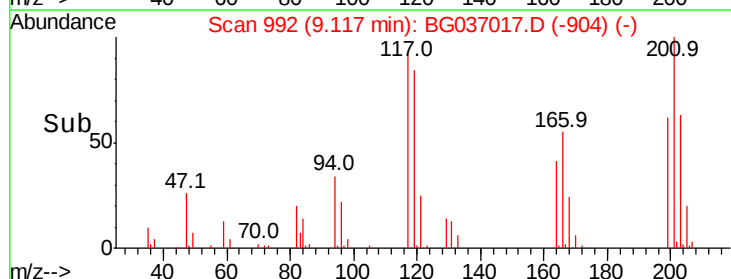
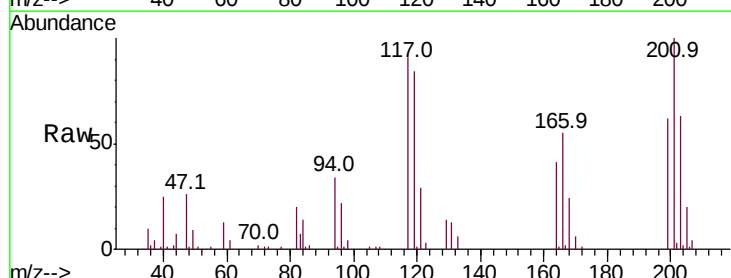
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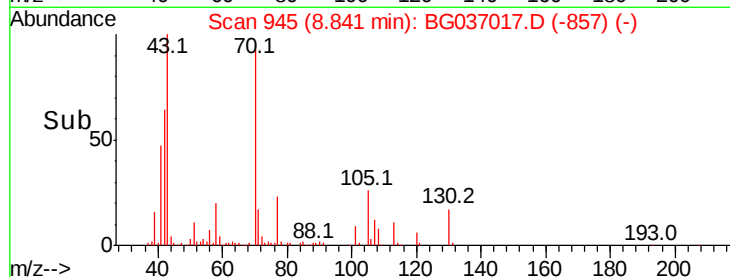
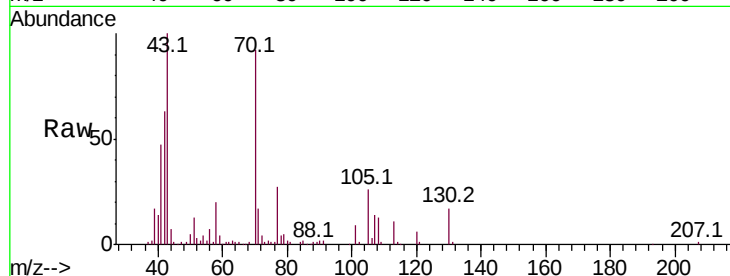
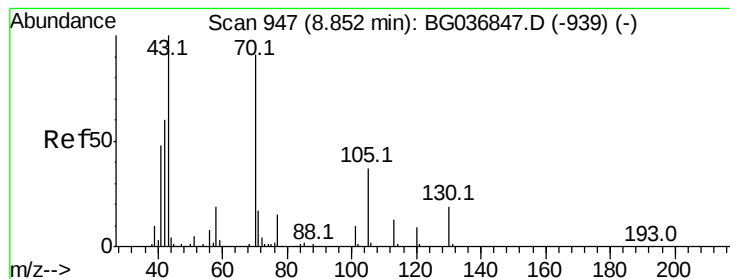
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#18
Hexachloroethane
Concen: 40.879 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.5	76.8	115.2	
201	109.5	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 36.024 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

PB113269BS

Tot Ion: 70 Resp: 102743

Ion Ratio Lower Upper

70 100

42 68.5 56.2 84.4

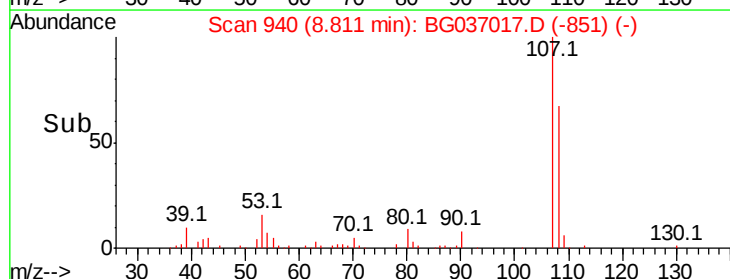
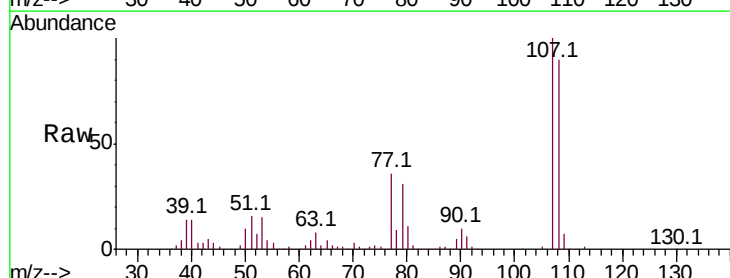
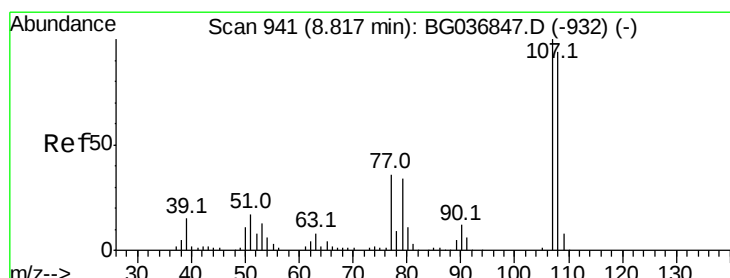
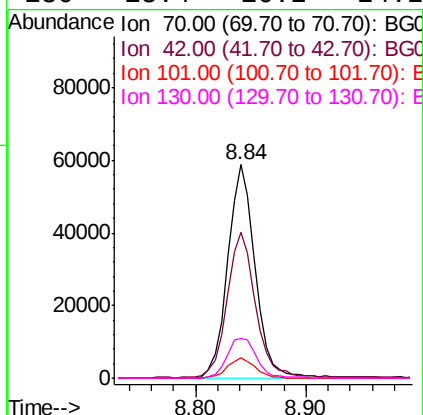
101 9.3 7.8 11.6

130 18.4 16.2 24.2

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#20

3+4-Methylphenols

Concen: 42.872 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion: 107 Resp: 147000

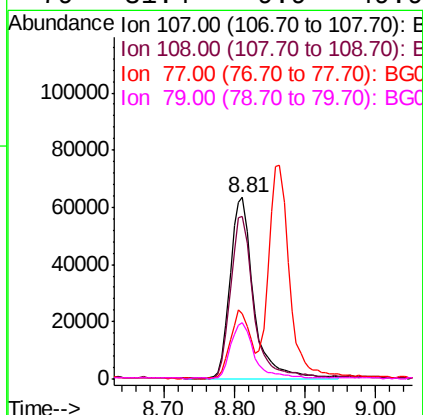
Ion Ratio Lower Upper

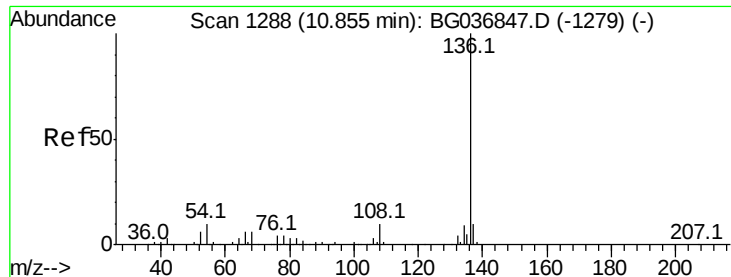
107 100

108 89.7 68.0 108.0

77 35.7 15.6 55.6

79 31.4 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

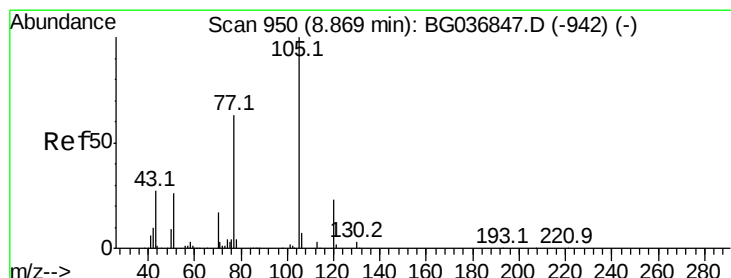
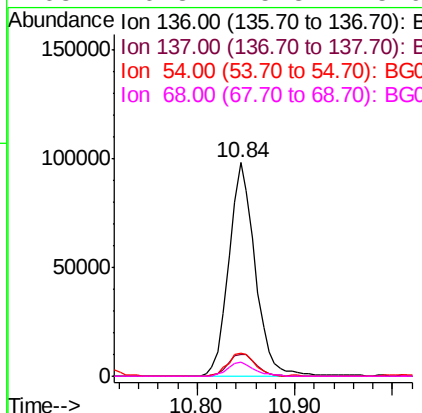
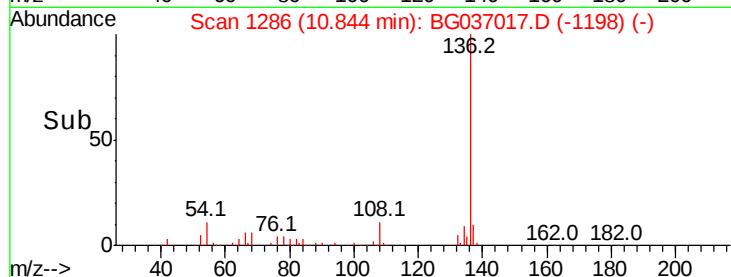
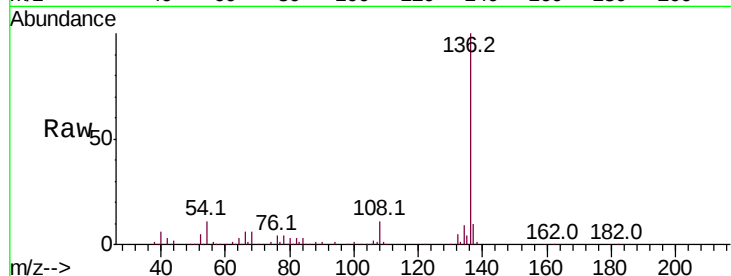
ClientSampleId :

PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	8.8	13.2	
54	11.0	9.2	13.8	
68	6.3	5.8	8.6	

Manual Integrations
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#22

Acetophenone

Concen: 41.575 ng

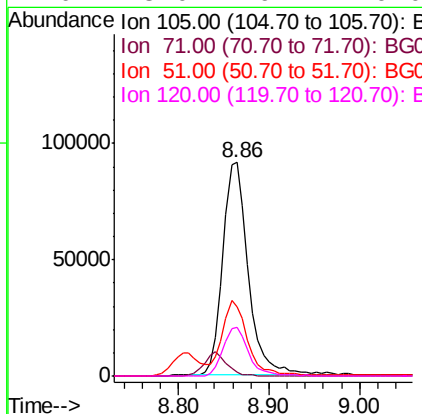
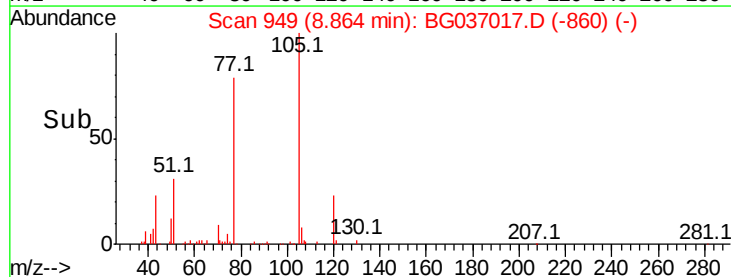
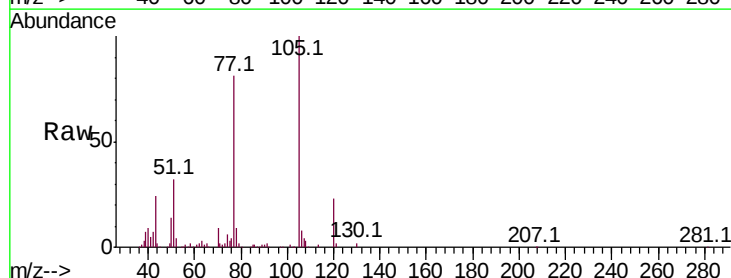
RT: 8.86 min Scan# 949

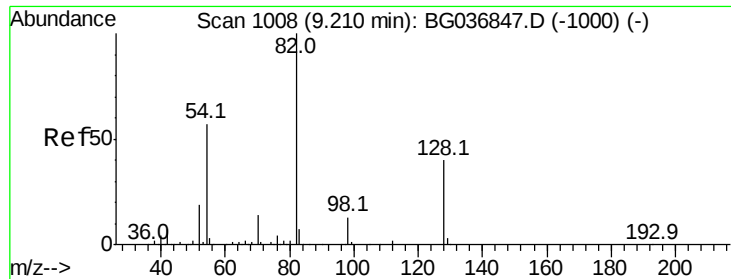
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	2.4	3.6#	
51	32.2	25.9	38.9	
120	23.0	19.4	29.0	





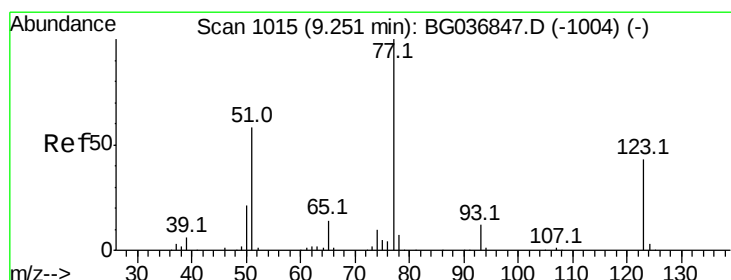
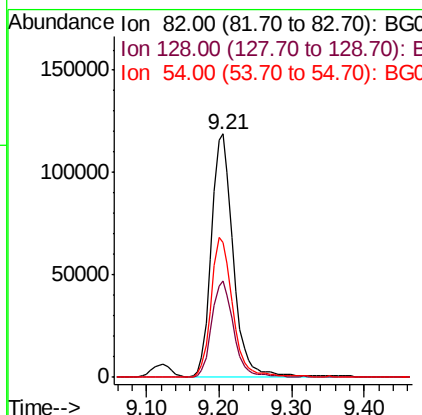
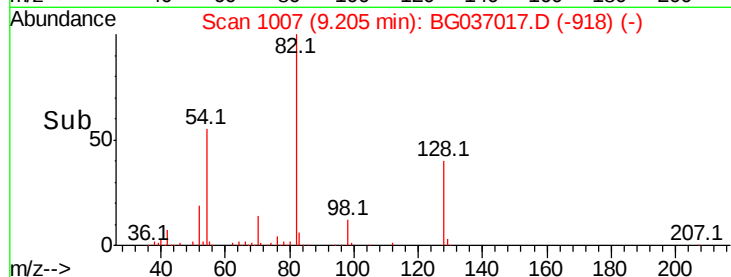
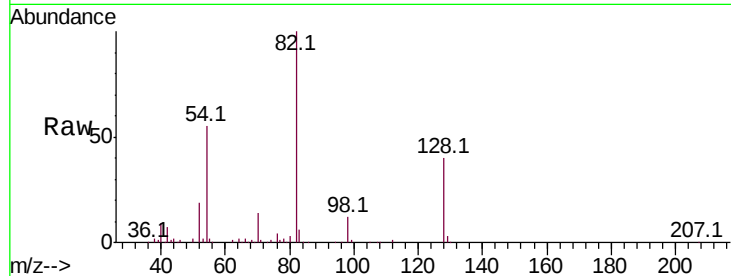
#23
Nitrobenzene-d5
Concen: 72.524 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	248489		
128	39.8	33.3	49.9	
54	55.4	45.1	67.7	

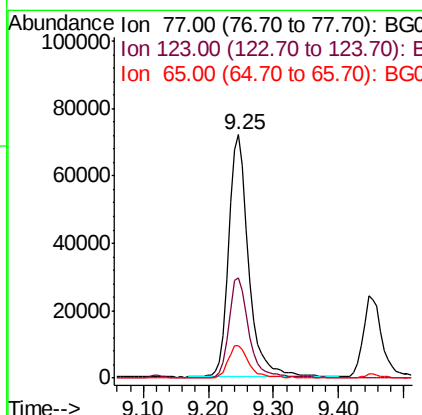
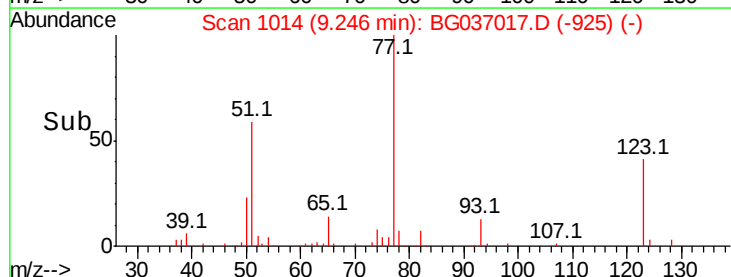
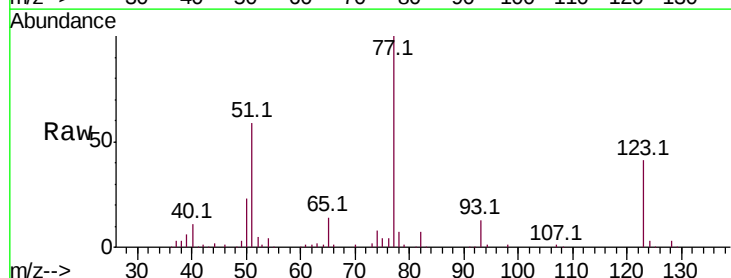
Manual Integrations
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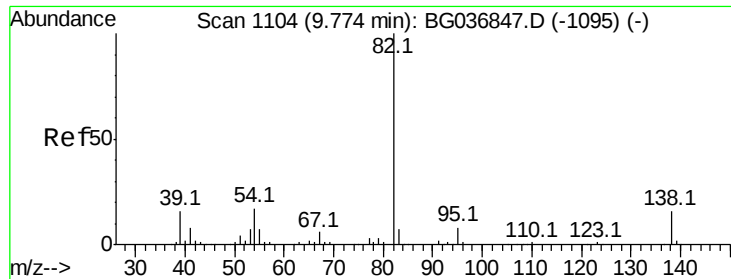
Sohil
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#24
Nitrobenzene
Concen: 41.721 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	152658		
123	41.4	32.4	48.6	
65	13.5	11.5	17.3	





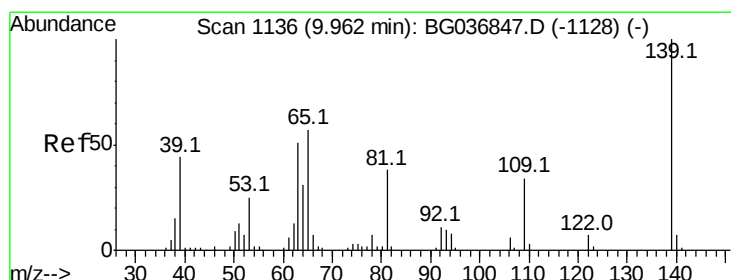
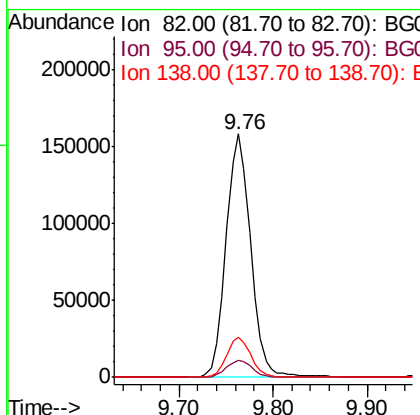
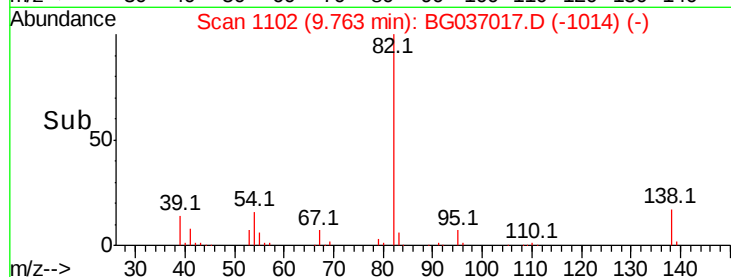
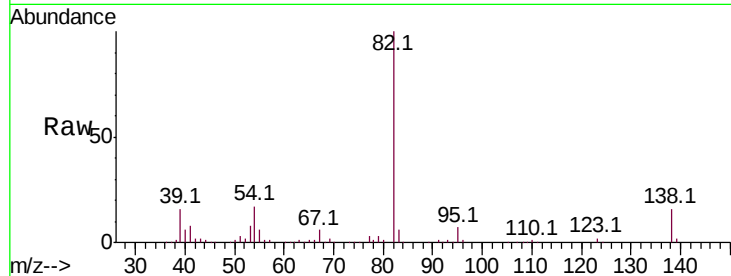
#25
Isophorone
Concen: 46.074 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2		5.8	8.8
138	16.2		12.9	19.3

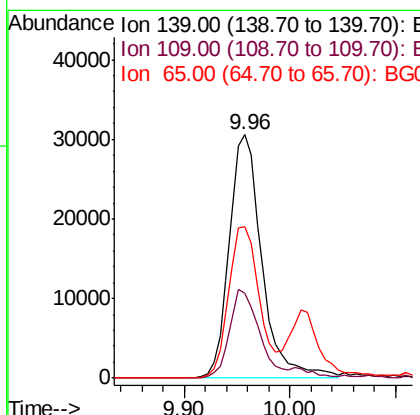
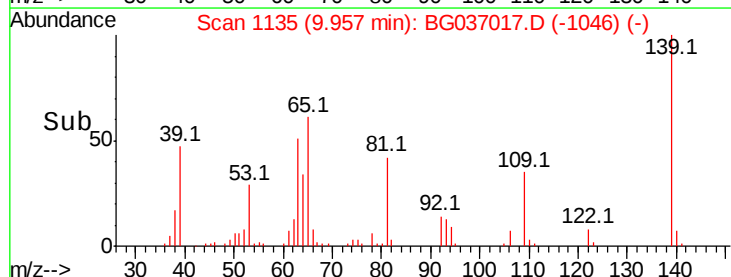
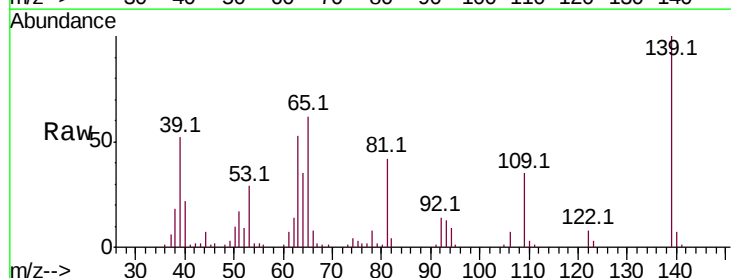
Manual Integrations
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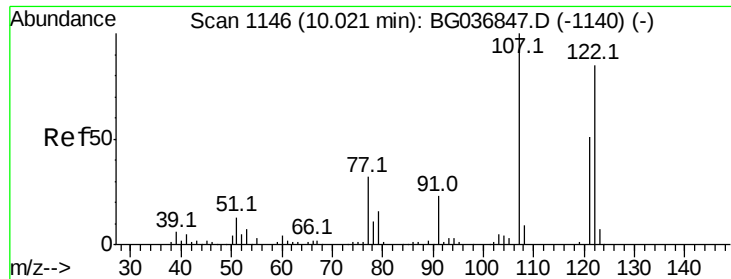
Sohil
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#26
2-Nitrophenol
Concen: 44.584 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	34.8		27.4	41.0
65	62.4		47.8	71.6





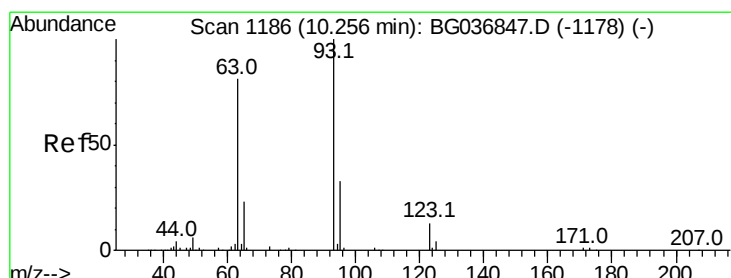
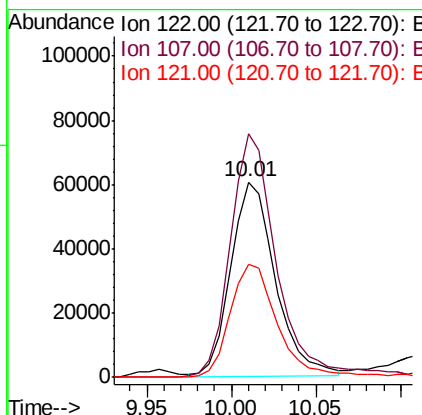
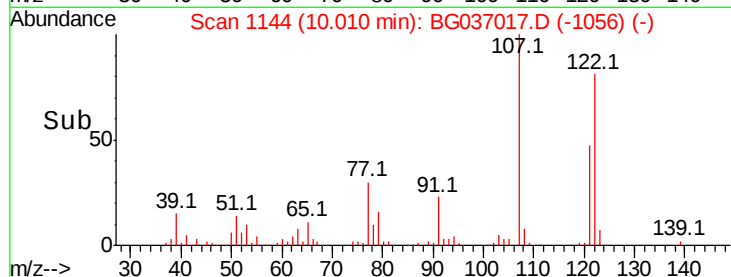
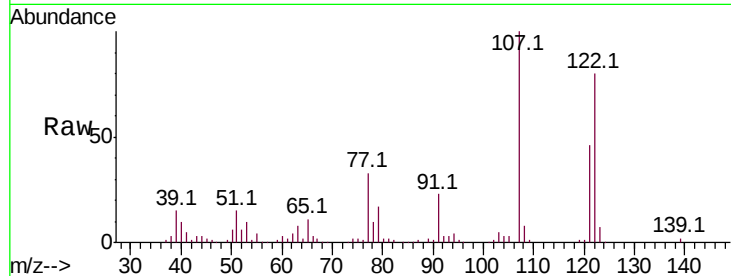
#27
 2,4-Dimethylphenol
 Concen: 49.152 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampled :
 PB113269BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.5	96.0	144.0
121	57.8	48.2	72.4

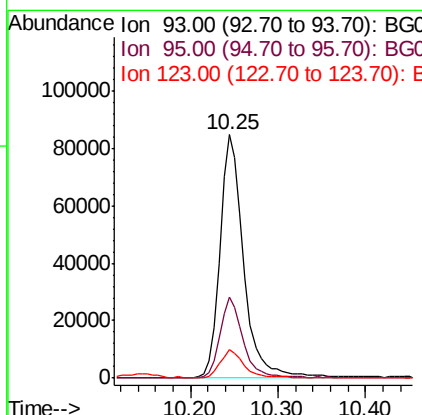
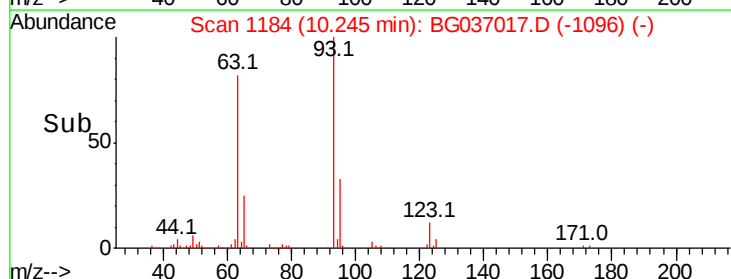
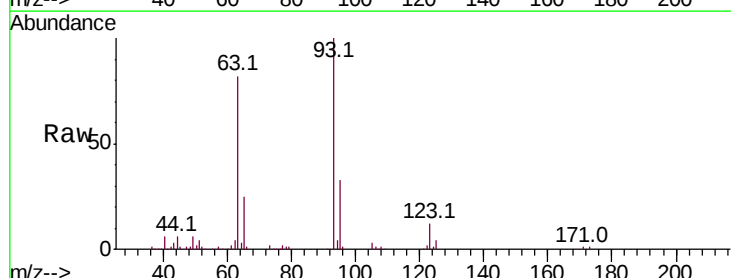
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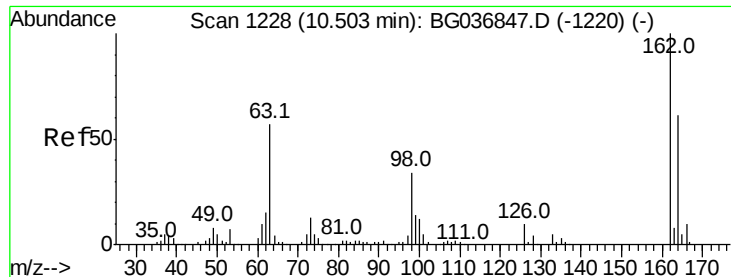
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.103 ng
 RT: 10.25 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.2	37.8
123	11.6	8.6	12.8





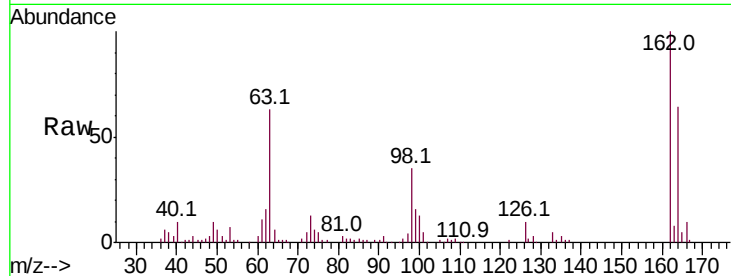
#29
 2,4-Dichlorophenol
 Concen: 46.128 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

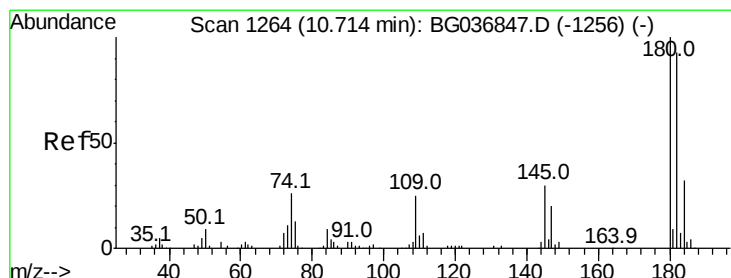
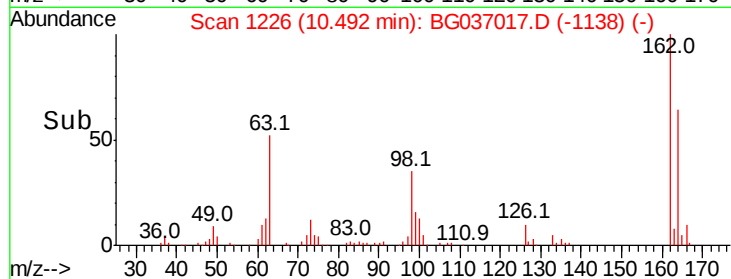
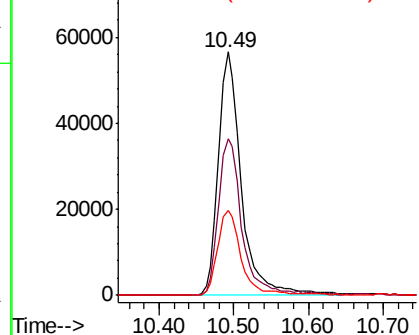
Tot Ion:	162	Resp:	121482
Ion Ratio	Lower	Upper	
162	100		
164	64.3	47.6	87.6
98	34.9	19.2	59.2

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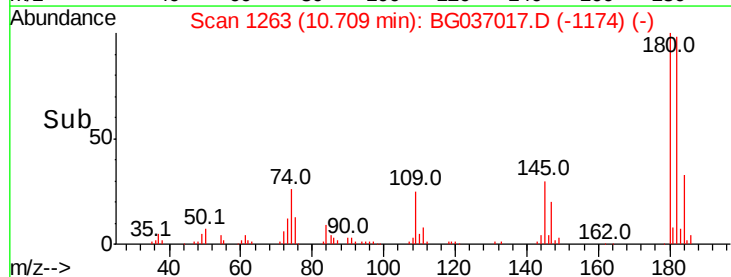
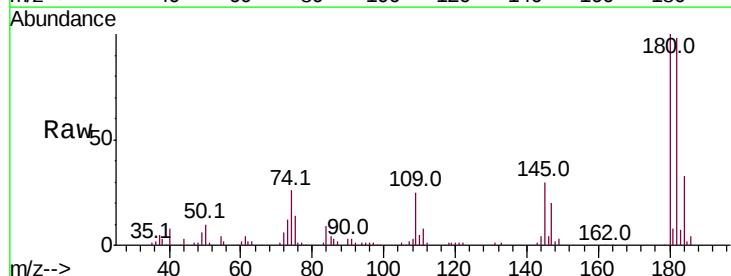
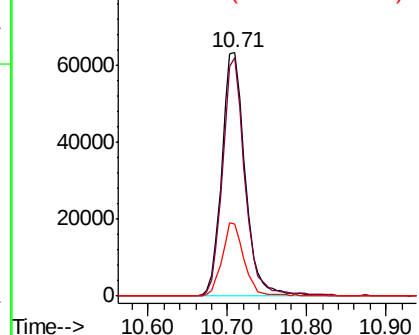
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

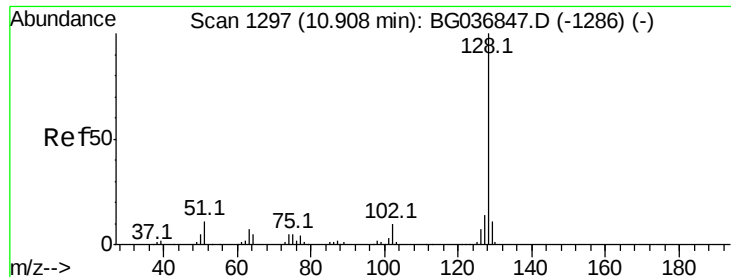


#30
 1,2,4-Trichlorobenzene
 Concen: 39.024 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion:	180	Resp:	128614
Ion Ratio	Lower	Upper	
180	100		
182	97.8	76.0	114.0
145	29.6	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





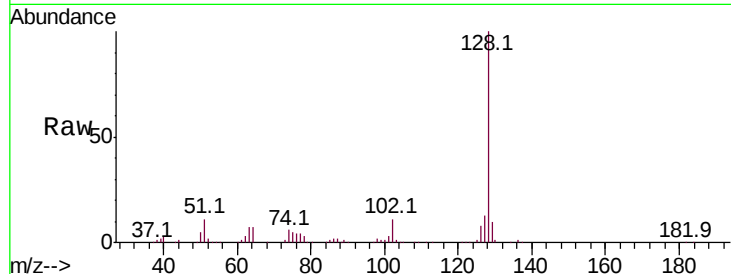
#31
Naphthalene
Concen: 42.202 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.2	9.4	14.2	
127	13.0	11.0	16.4	

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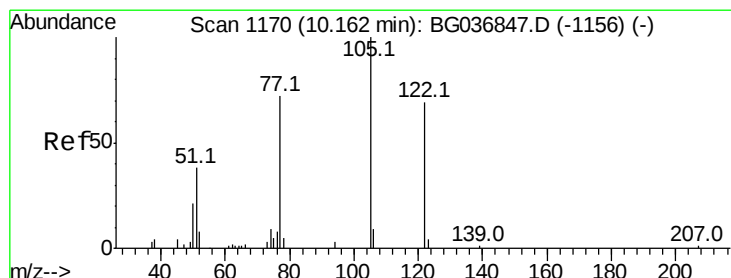
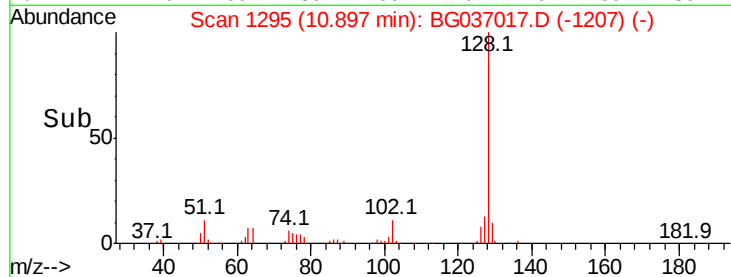
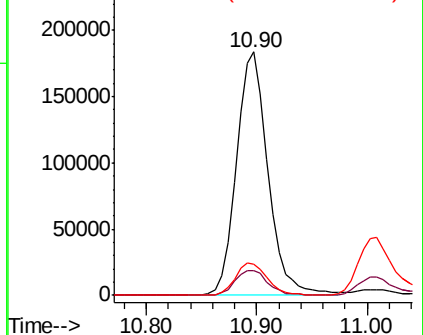


Abundance

Ion 128.00 (127.70 to 128.70): E

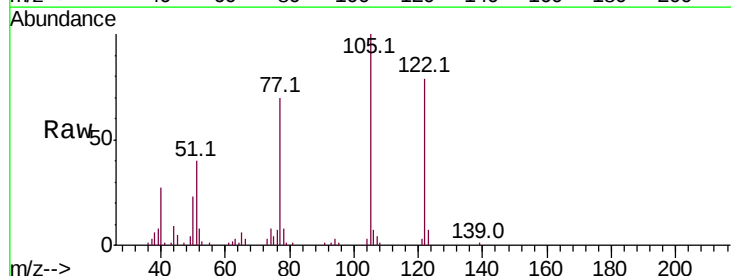
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.456 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.8	108.1	148.1	
77	88.4	76.3	116.3	

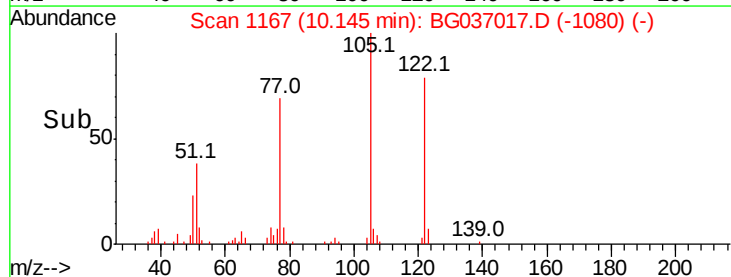
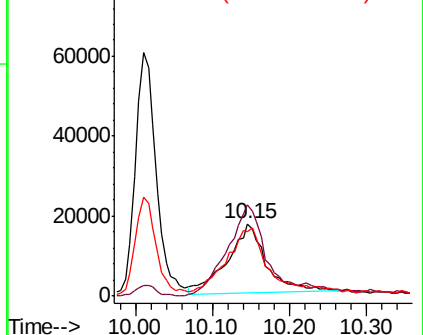


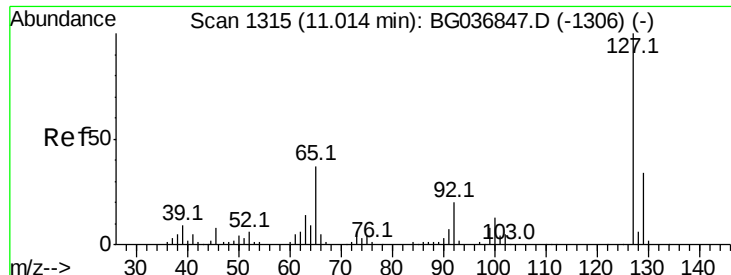
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





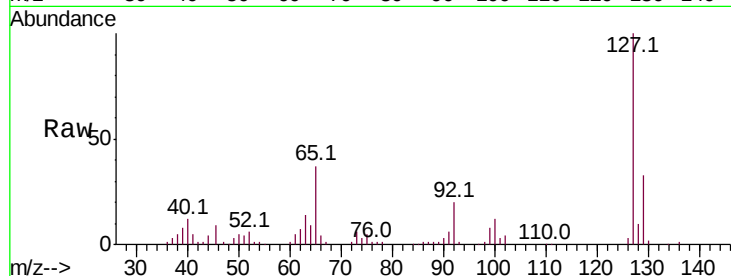
#33
4-Chloroaniline
Concen: 25.770 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	37.2	27.5	41.3
92	19.9	16.2	24.2

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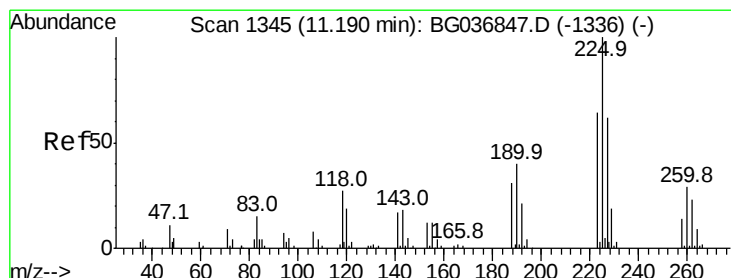
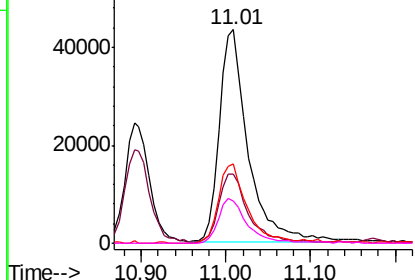
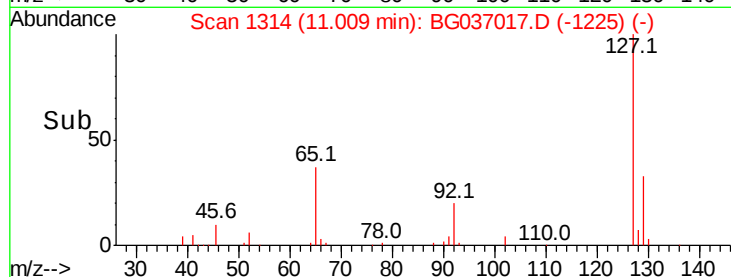
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

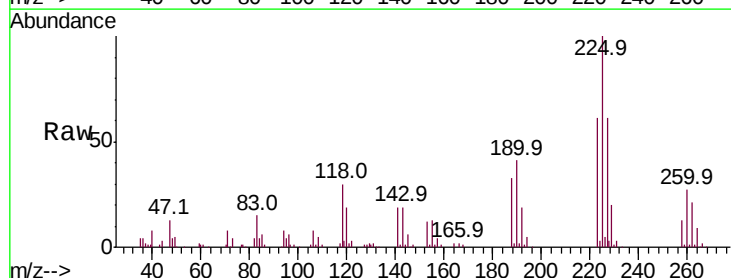
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.199 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.8
227	60.7	49.8	74.6

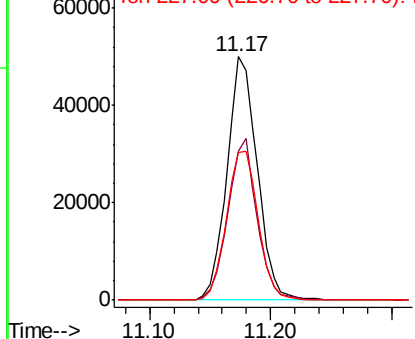
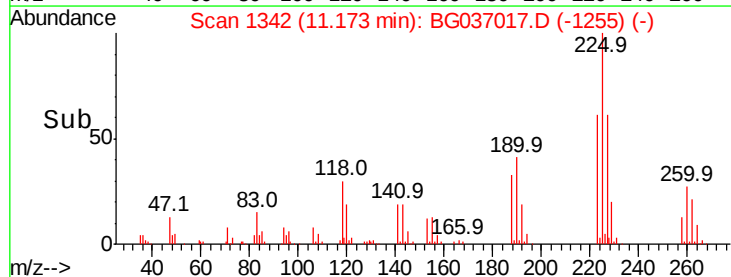


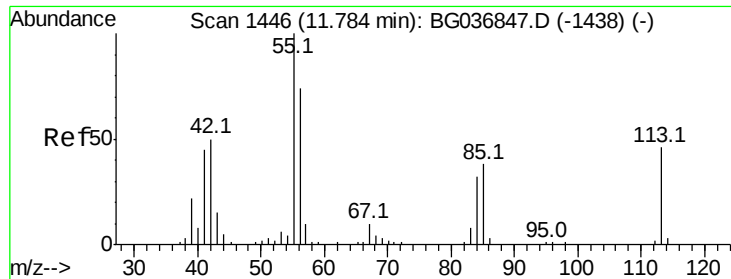
Abundance

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: 45.495 ng/mL

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampleID :

PB113269BS

Tot Ion:113 Resp: 49314

Ion Ratio Lower Upper

113 100

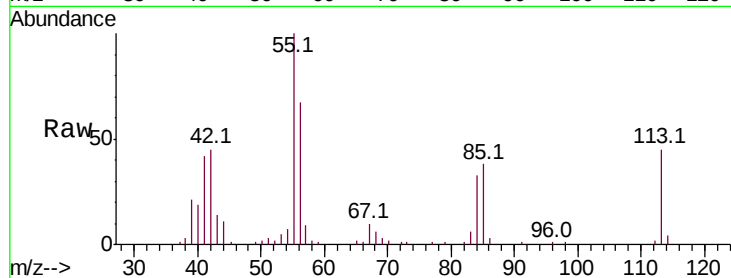
55 223.2 197.7 237.7

56 150.0 131.7 171.7

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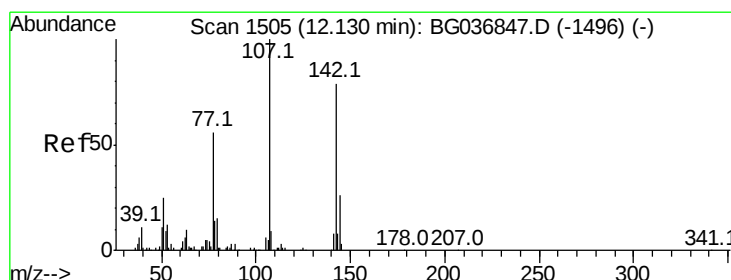
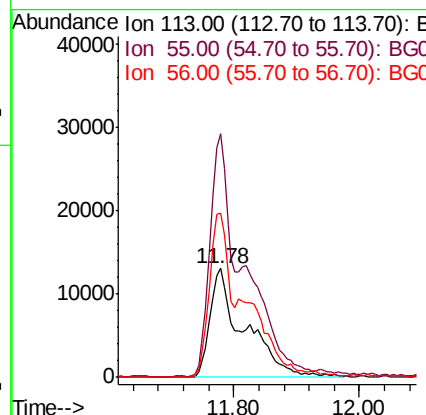
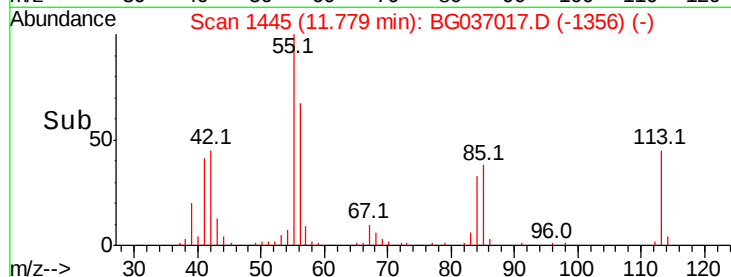


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.021 ng/mL

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

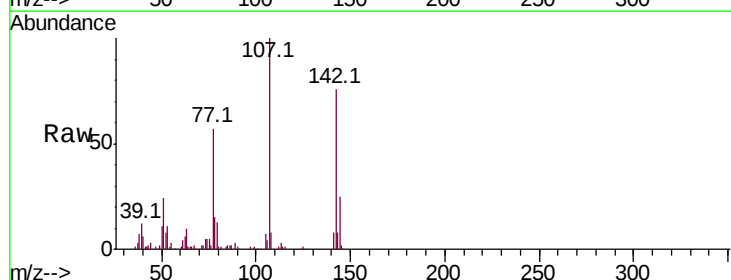
Tgt Ion:107 Resp: 141475

Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

142 75.7 62.4 93.6

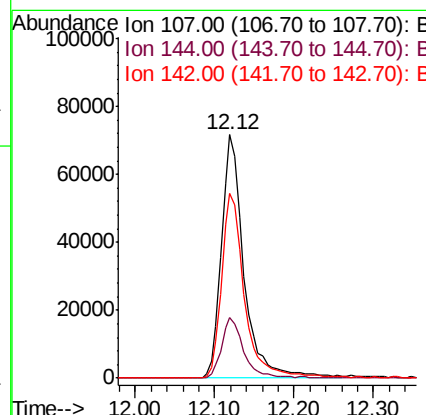
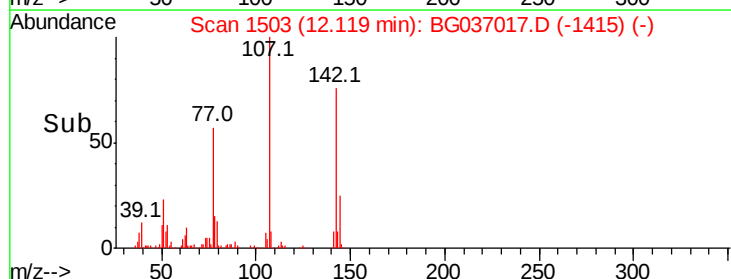


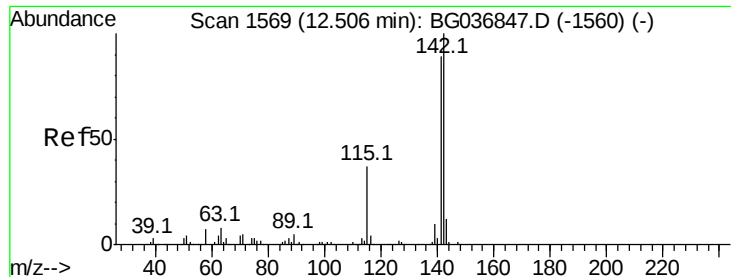
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





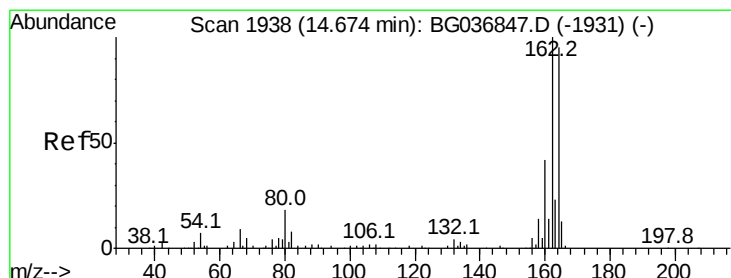
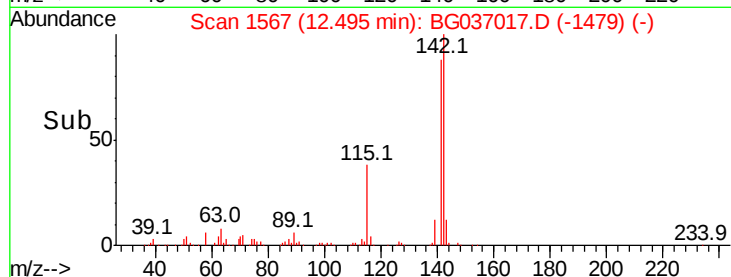
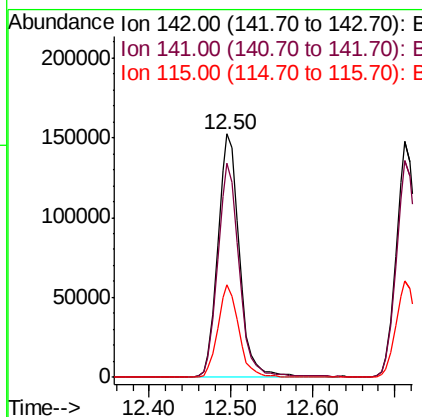
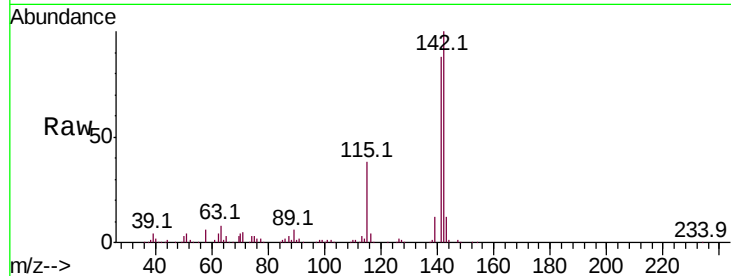
#37
2-Methylnaphthalene
Concen: 42.096 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	279900		
141	88.0		68.5	102.7
115	38.2		29.8	44.8

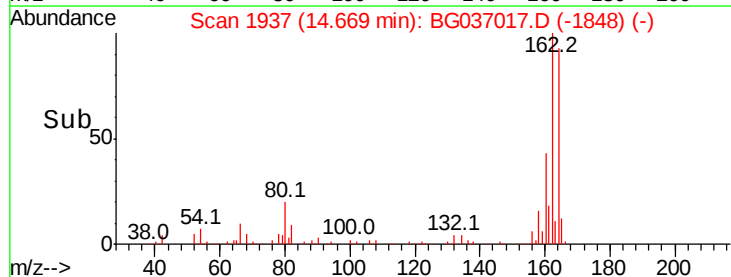
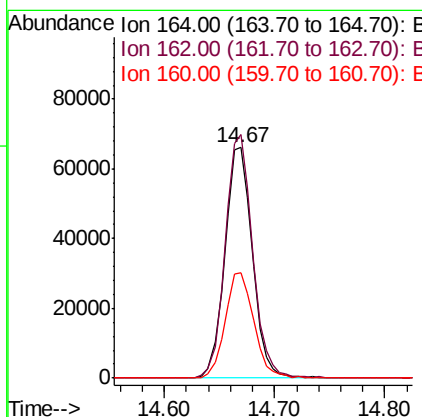
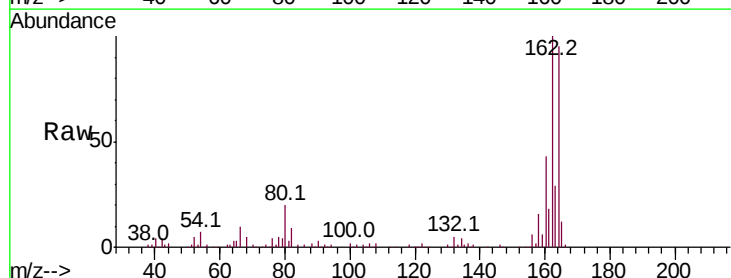
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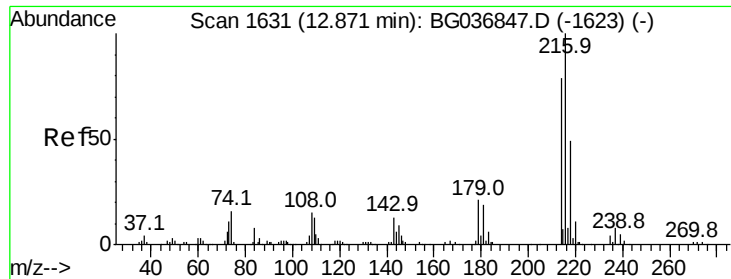
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115576		
162	105.7		80.7	121.1
160	45.8		35.3	52.9





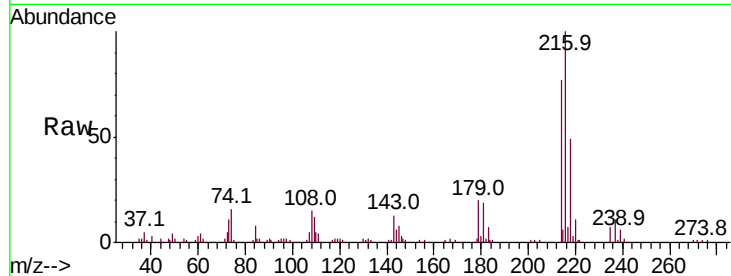
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.857 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

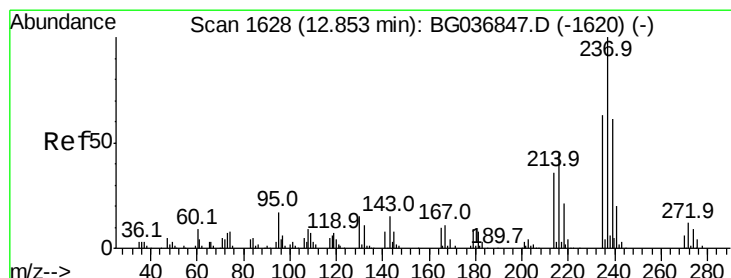
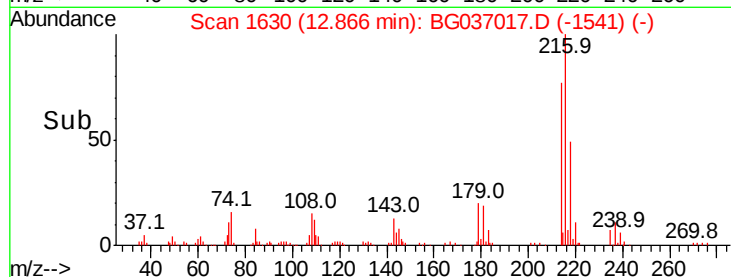
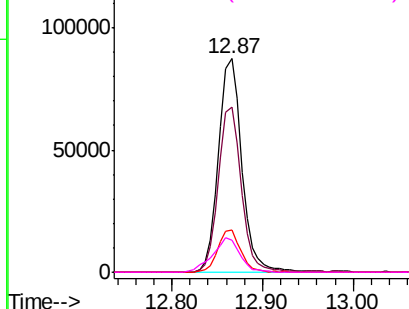
Tot Ion	Ratio	Resp	Lower	Upper
216	100	156635		
214	75.9	61.0	91.6	
179	19.1	15.7	23.5	
108	18.7	13.1	19.7	

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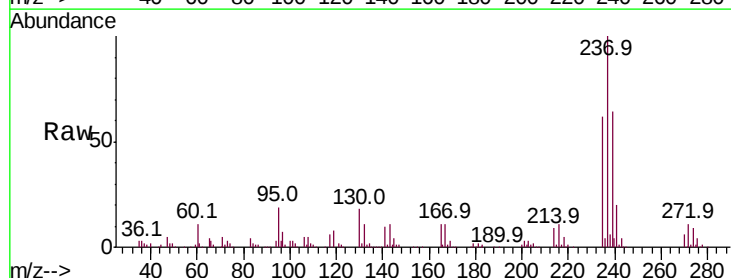


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

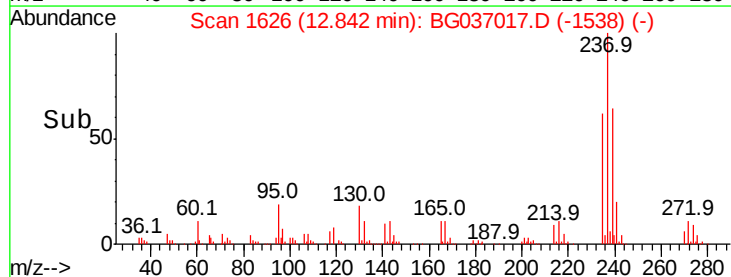
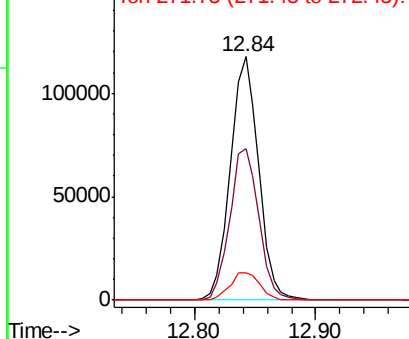


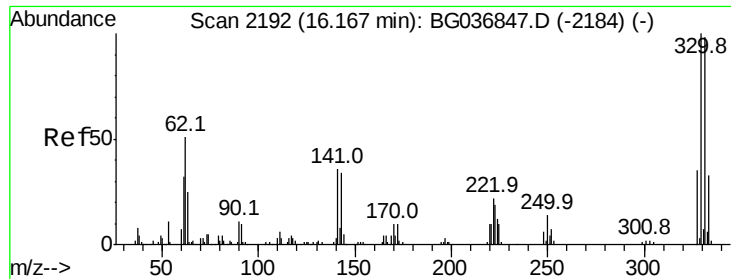
#40
 Hexachlorocyclopentadiene
 Concen: 92.315 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	191388		
235	62.3	42.2	82.2	
272	11.3	0.0	32.1	



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: 116.658 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

ClientSampled :

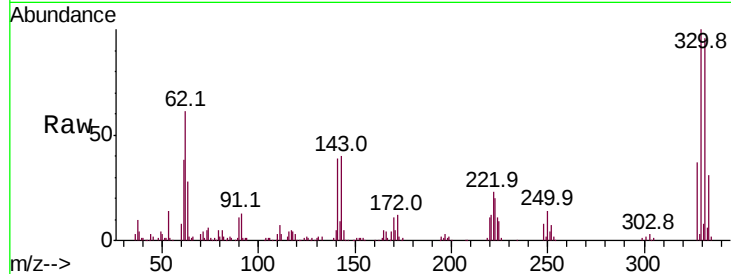
PB113269BS

Tot Ion:	330	Resp:	161314
Ion Ratio	Lower	Upper	
330	100		
332	96.8	75.4	113.2
141	40.3	30.7	46.1

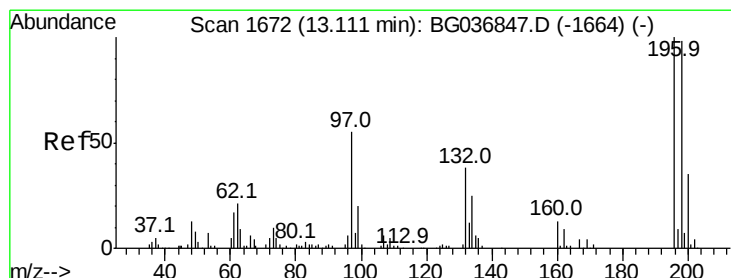
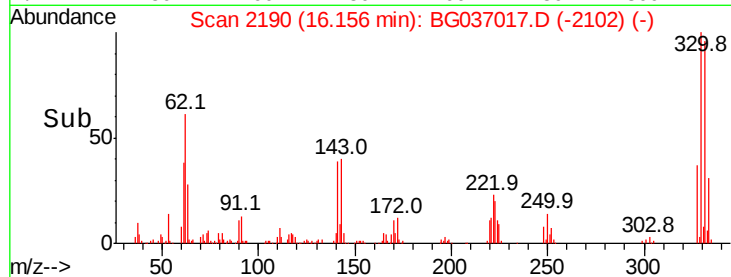
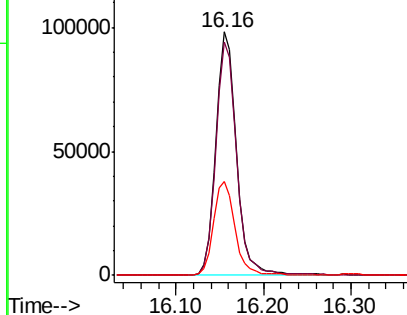
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.631 ng

RT: 13.10 min Scan# 1670

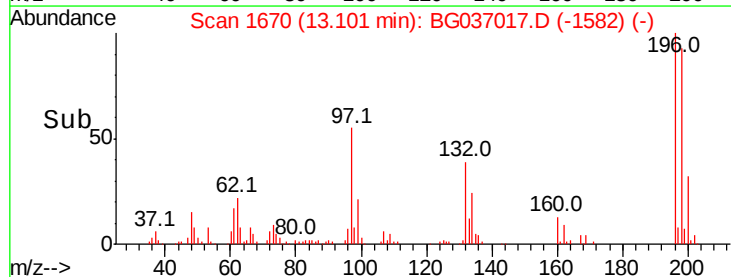
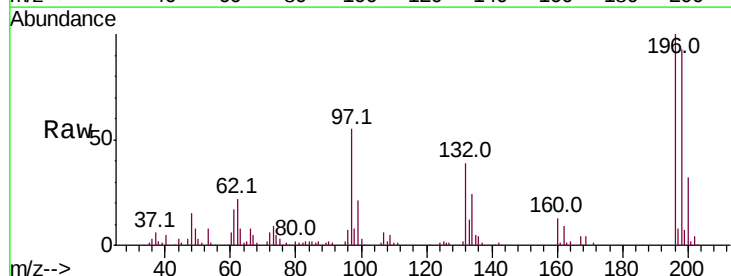
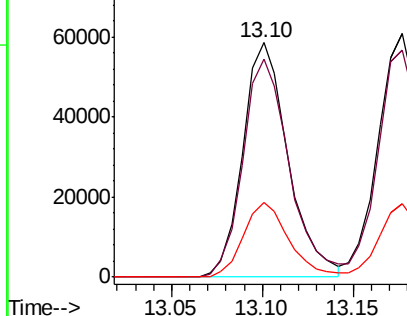
Delta R.T. -0.01 min

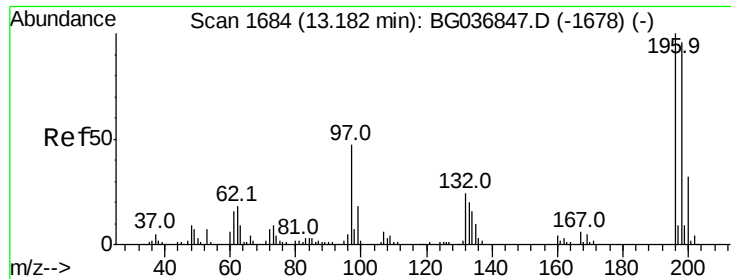
Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	196	Resp:	102145
Ion Ratio	Lower	Upper	
196	100		
198	92.9	77.2	115.8
200	31.6	26.3	39.5

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





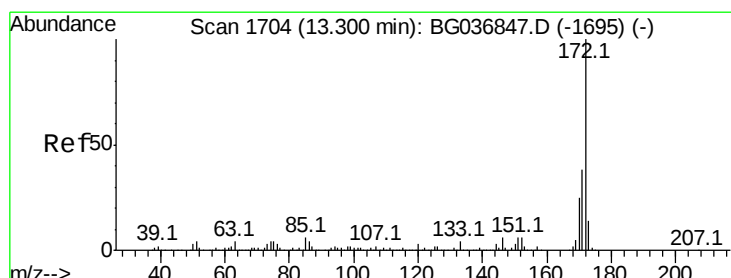
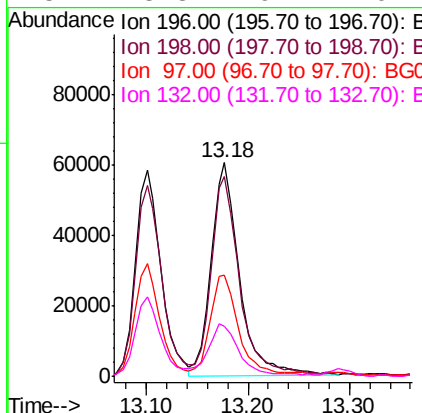
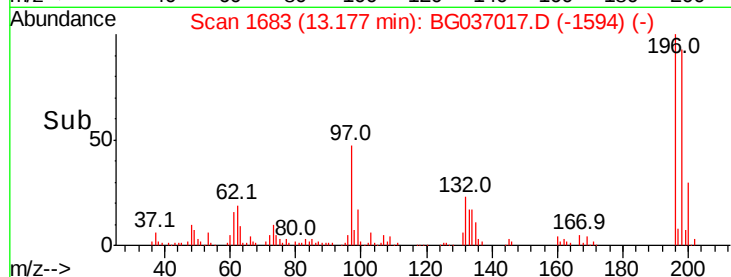
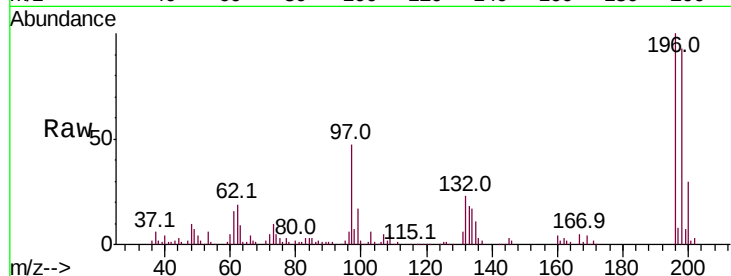
#43
 2,4,5-Trichlorophenol
 Concen: 48.659 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

Tot Ion:	196	Resp:	116145
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.6	113.4
97	47.2	37.2	55.8
132	23.3	19.4	29.2

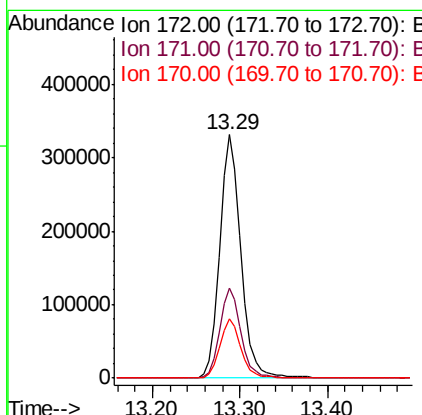
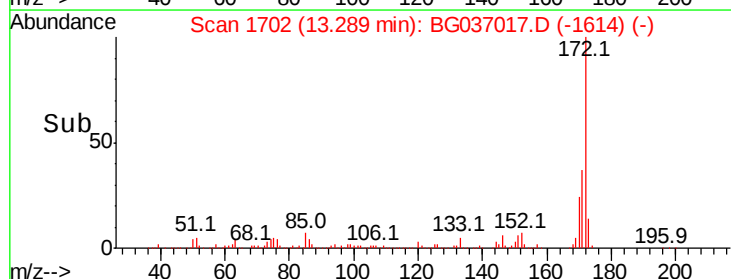
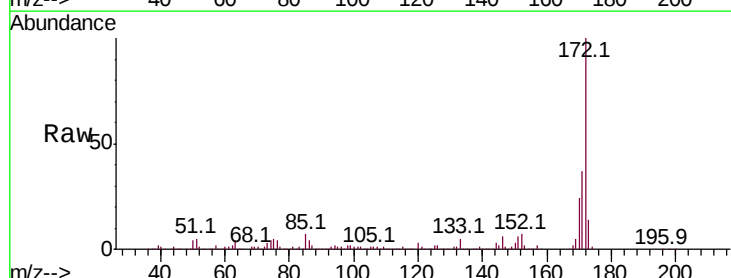
Manual Integrations
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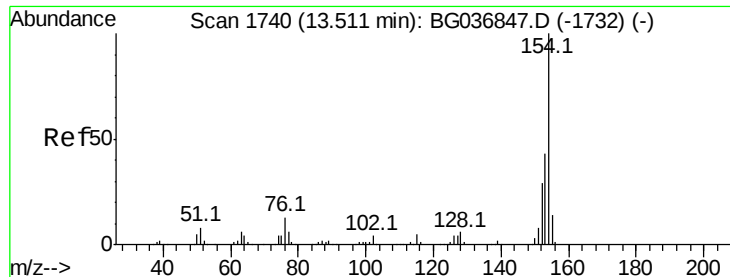
Sohil
 9/28/2018 4:24:33 PM



#44
 2-Fluorobiphenyl
 Concen: 71.275 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion:	172	Resp:	553088
Ion Ratio	Lower	Upper	
172	100		
171	37.1	31.3	46.9
170	24.5	21.0	31.6





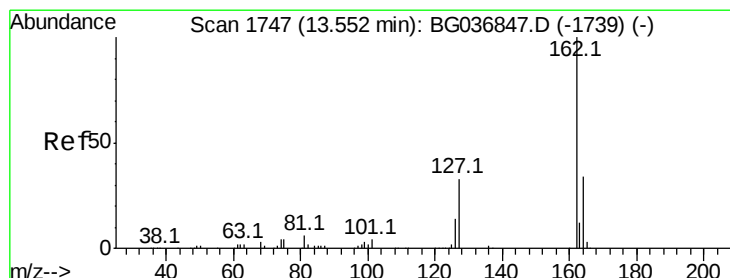
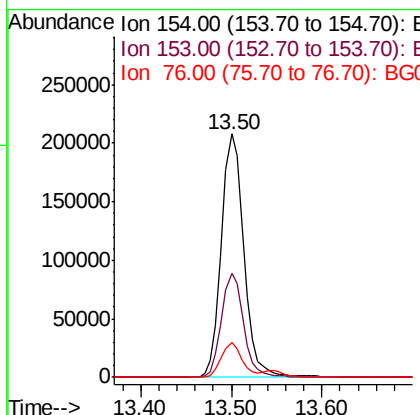
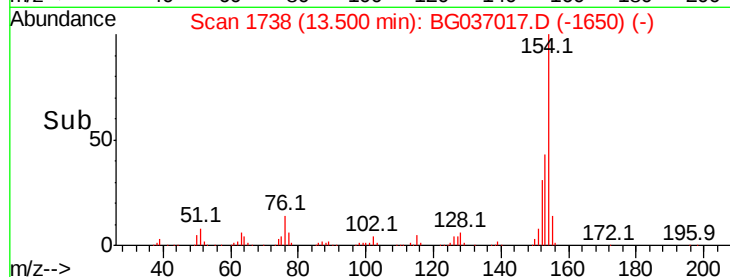
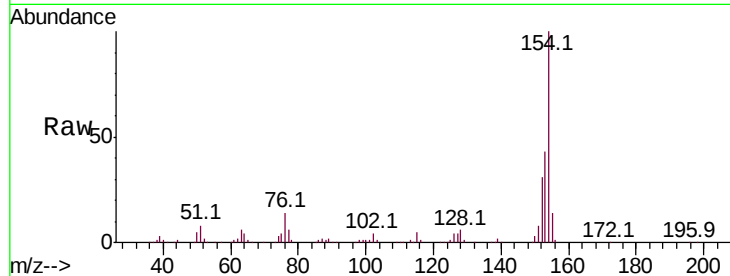
#45
 1,1'-Biphenyl
 Concen: 40.568 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampled :
 PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.6	24.0	64.0	
76	14.3	0.0	32.9	

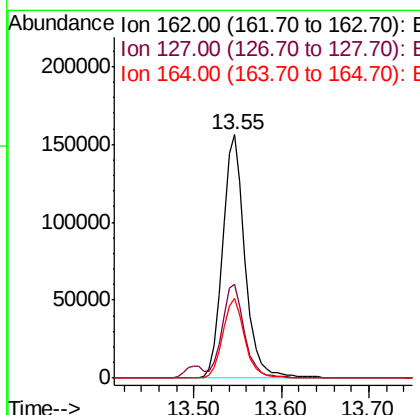
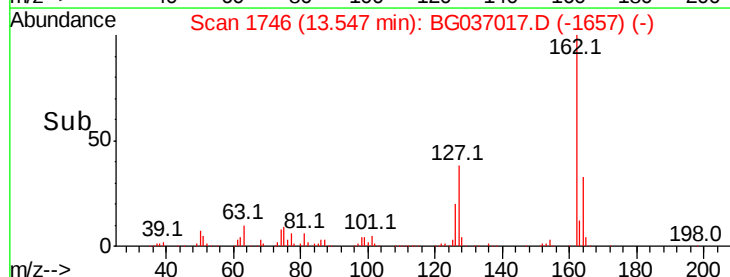
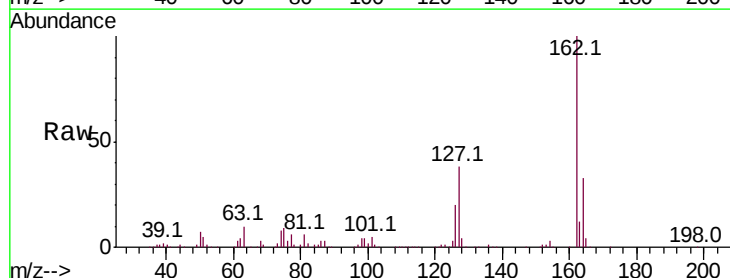
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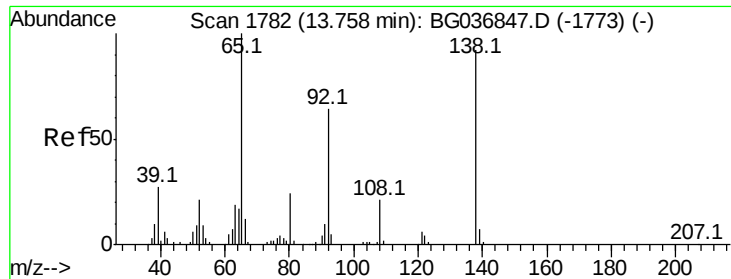
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#46
 2-Chloronaphthalene
 Concen: 39.420 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	30.7	46.1	
164	32.9	26.7	40.1	





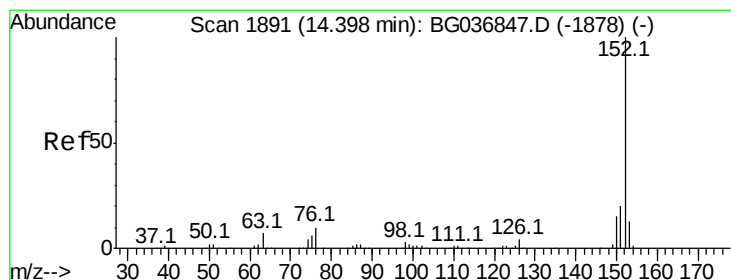
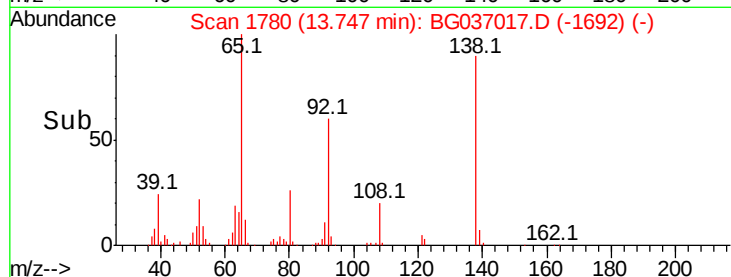
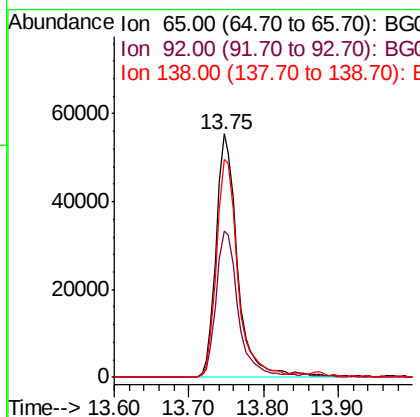
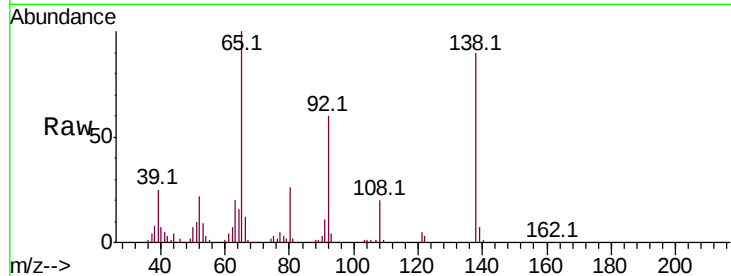
#47
2-Nitroaniline
Concen: 46.322 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	60.0	49.9	74.9	
138	89.8	76.2	114.4	

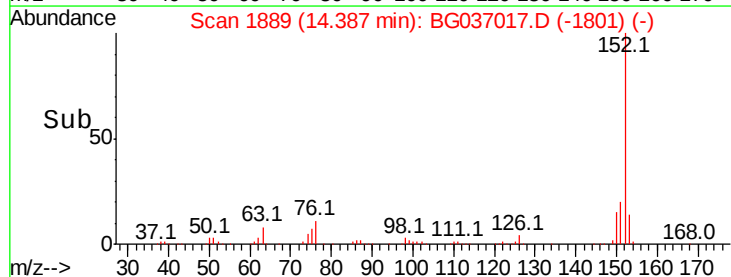
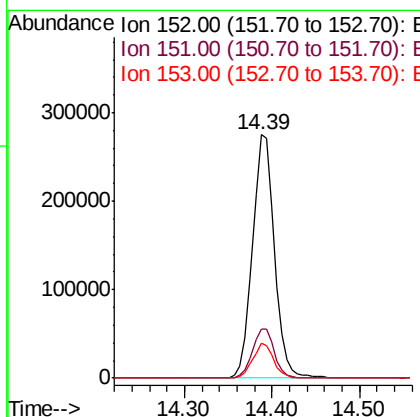
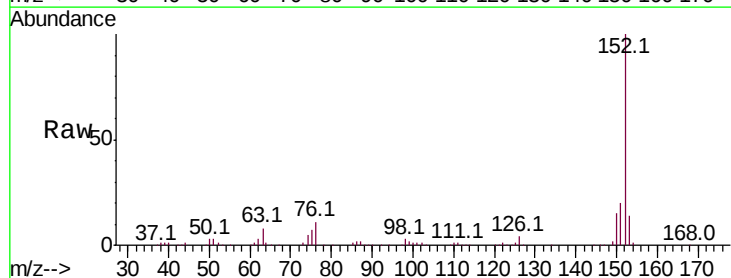
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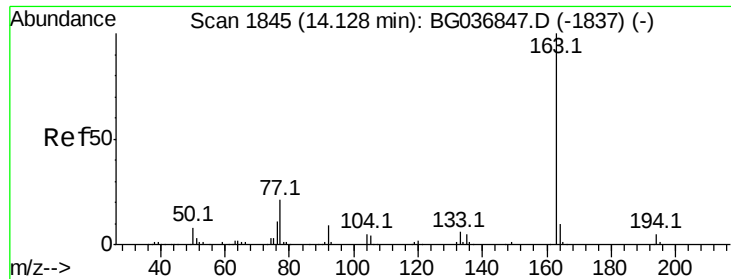
Sohil
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#48
Acenaphthylene
Concen: 42.918 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.2	16.9	25.3	
153	14.3	11.2	16.8	





#49

Dimethylphthalate

Concen: 41.256 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

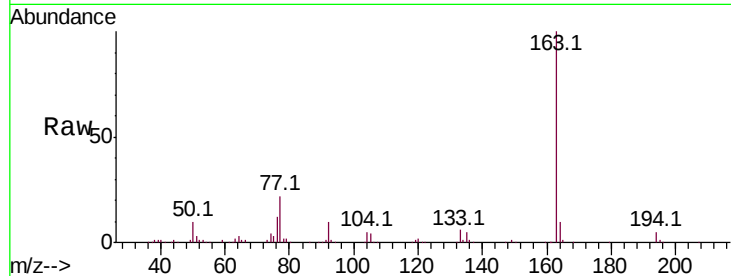
ClientSampleId :

PB113269BS

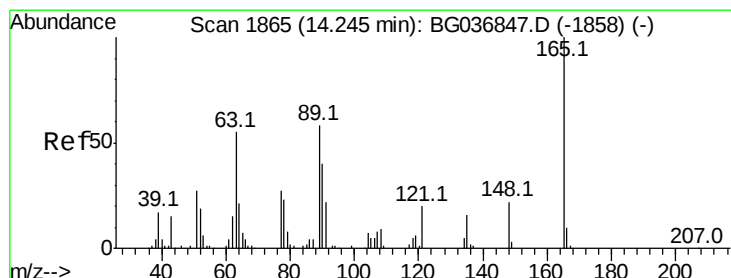
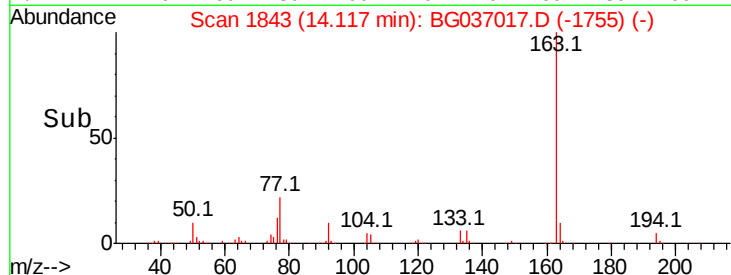
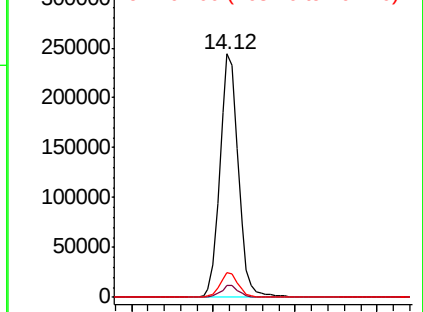
Tot Ion:	163	Resp:	383807
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.0	6.0
164	10.2	8.1	12.1

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



#50

2,6-Dinitrotoluene

Concen: 41.488 ng

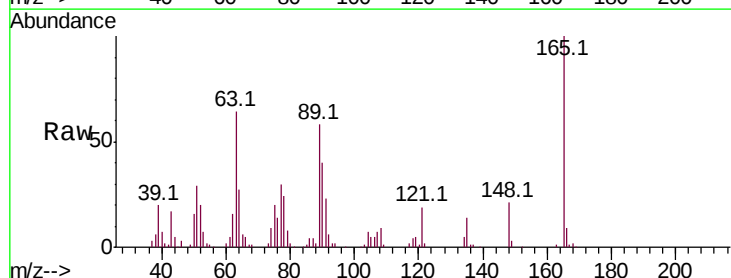
RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

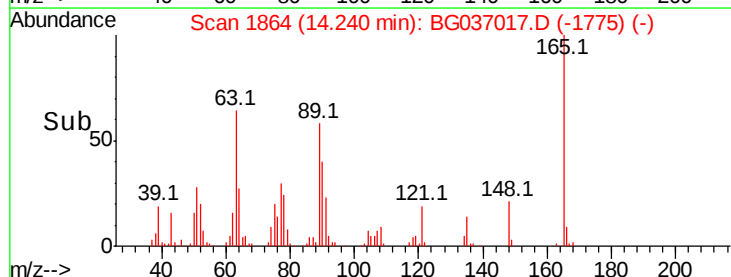
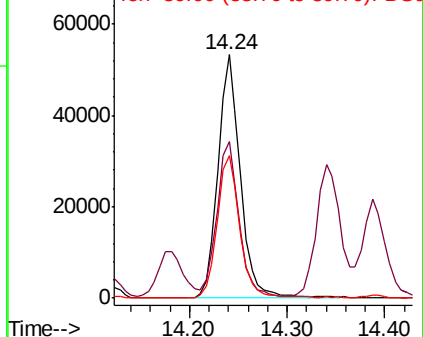
Lab File: BG037017.D

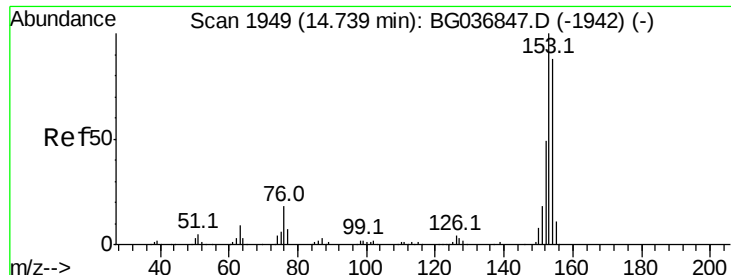
Acq: 27 Sep 2018 16:39

Tgt Ion:	165	Resp:	84211
Ion Ratio	Lower	Upper	
165	100		
63	64.4	50.1	75.1
89	58.5	47.8	71.6



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





#51

Acenaphthene

Concen: 40.843 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

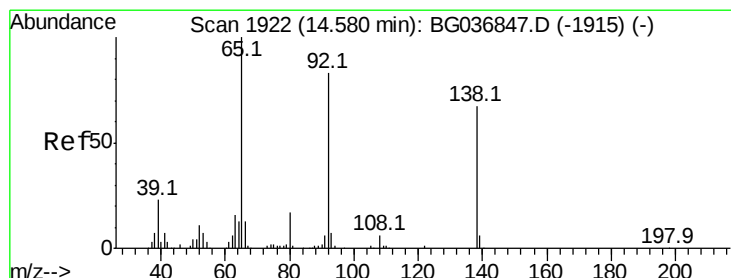
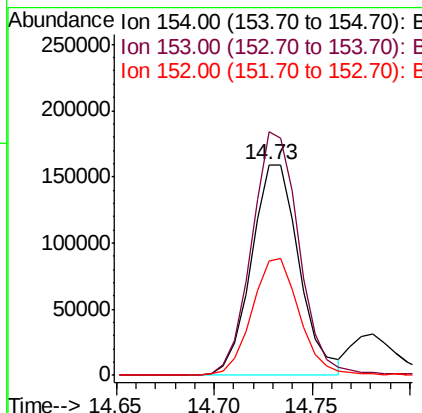
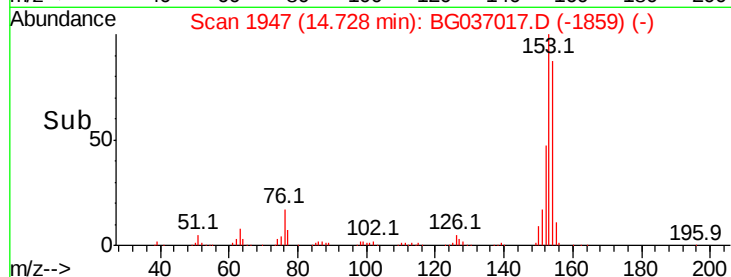
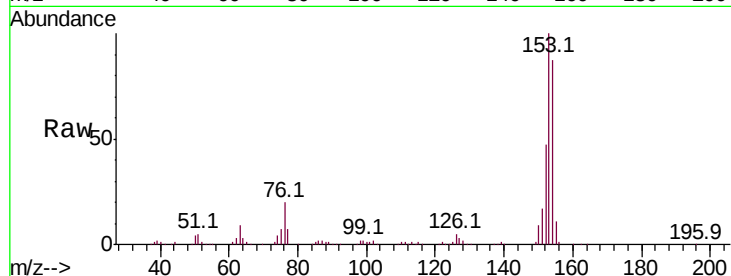
ClientSampleId :

PB113269BS

Tot Ion:	154	Resp:	269257
Ion Ratio	Lower	Upper	
154	100		
153	115.5	91.8	137.6
152	54.4	43.5	65.3

Manual Integrations
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#52

3-Nitroaniline

Concen: 31.606 ng

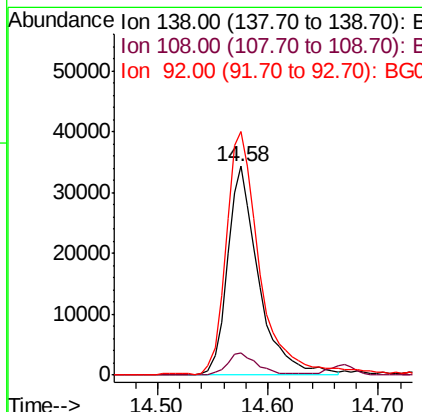
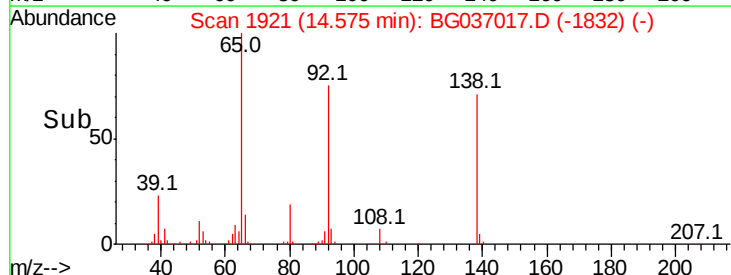
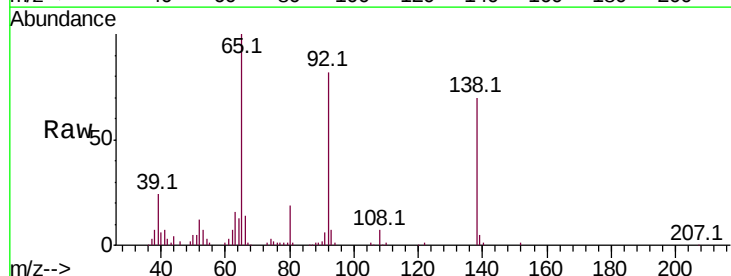
RT: 14.58 min Scan# 1921

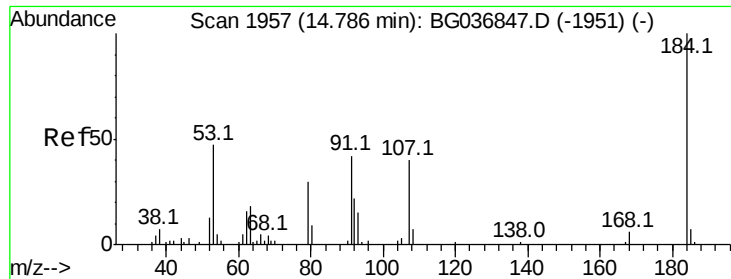
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	138	Resp:	67601
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.2
92	116.7	96.8	145.2





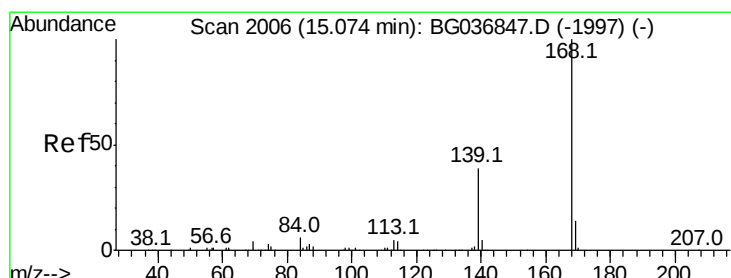
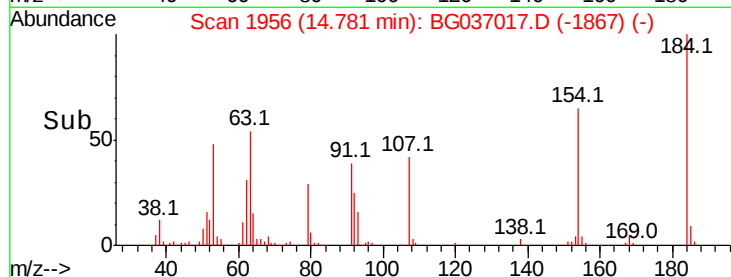
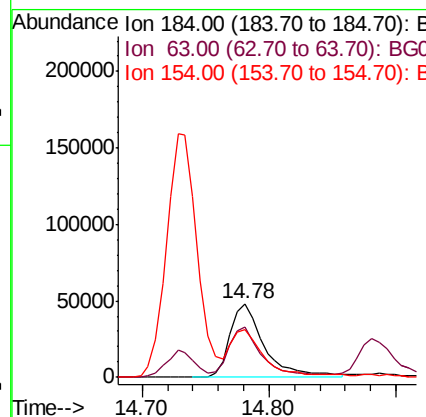
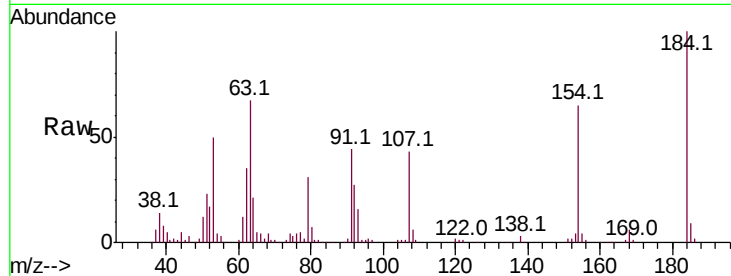
#53
2,4-Dinitrophenol
Concen: 93.667 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampled :
PB113269BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.3	47.3	70.9
154	65.0	51.1	76.7

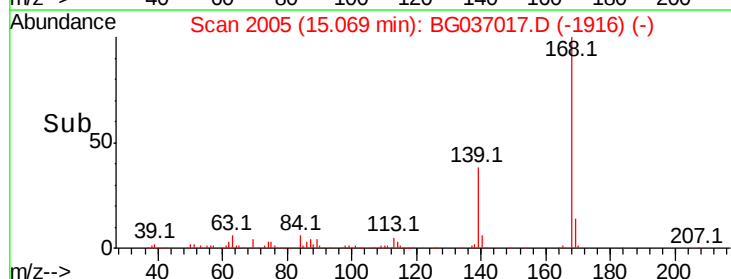
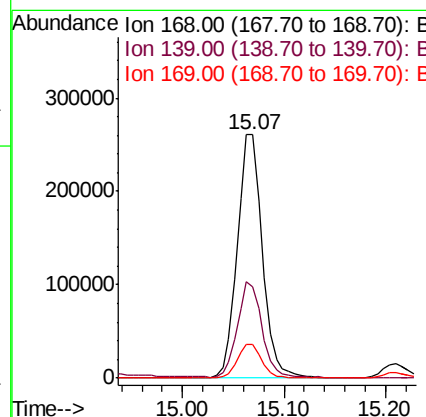
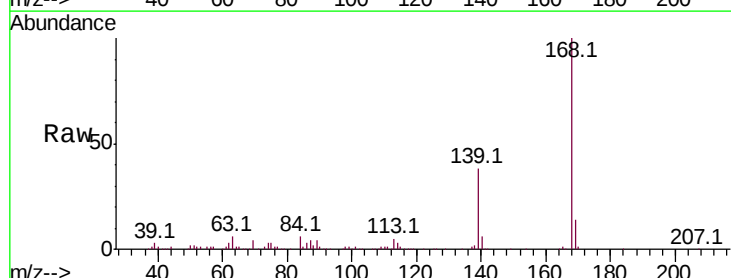
Manual Integrations
APPROVED

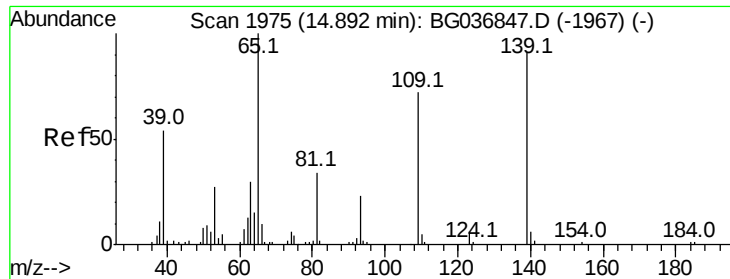
Sohil
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#54
Dibenzofuran
Concen: 40.168 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.6
169	13.8	11.1	16.7





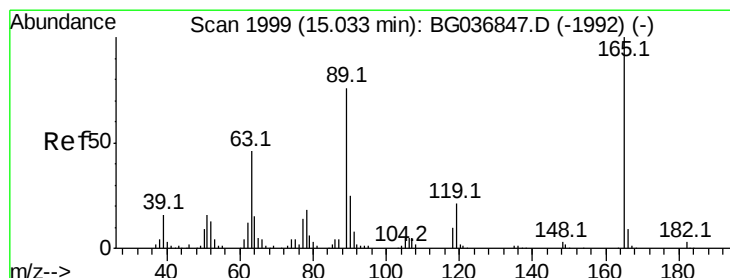
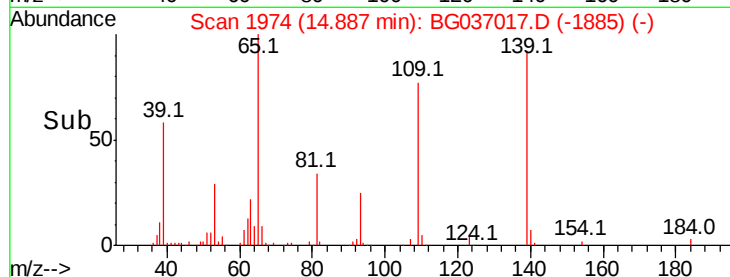
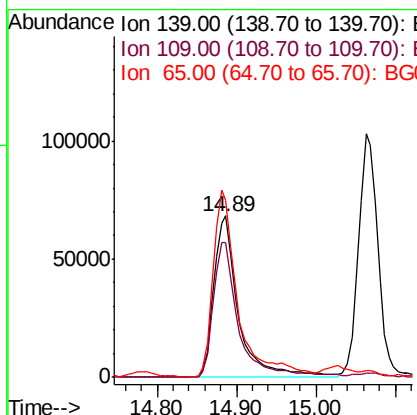
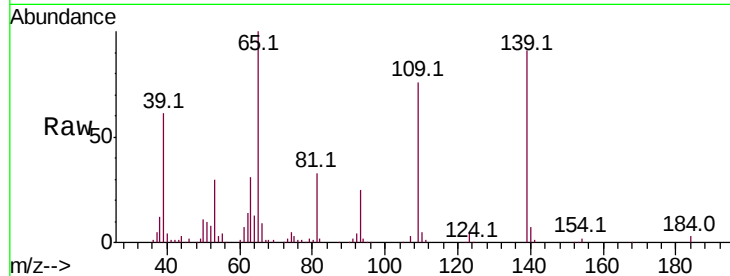
#55
4-Nitrophenol
Concen: 108.283 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampled :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	147958		
109	83.8	63.9	103.9	
65	109.6	90.0	130.0	

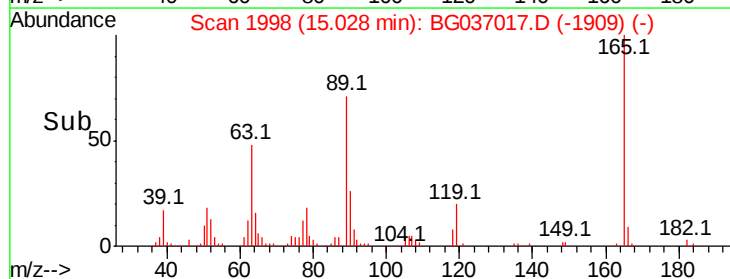
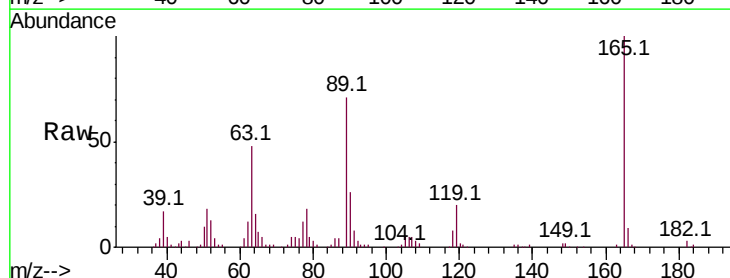
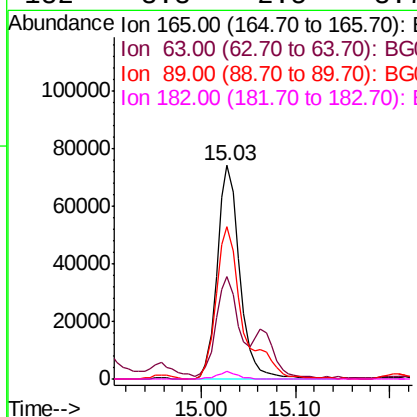
Manual Integrations
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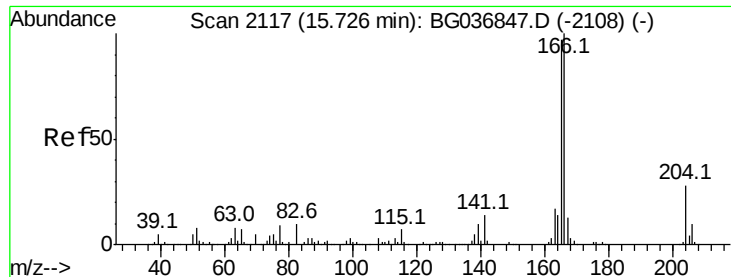
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.084 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	124859		
63	47.9	40.1	60.1	
89	71.3	63.7	95.5	
182	3.3	2.5	3.7	





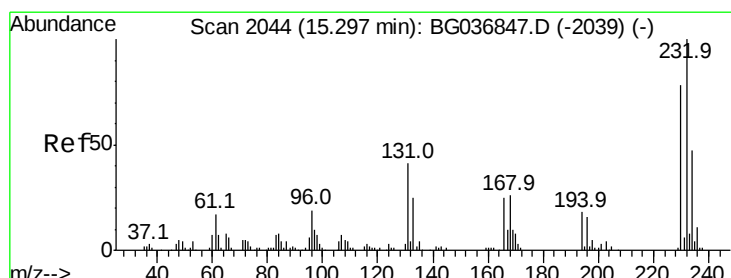
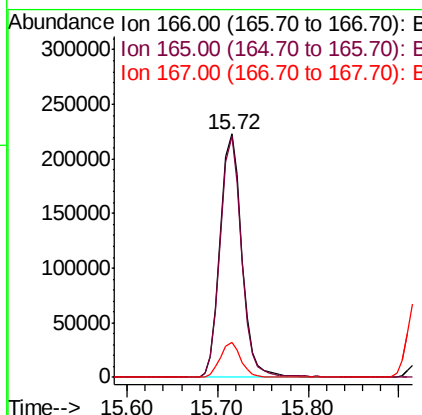
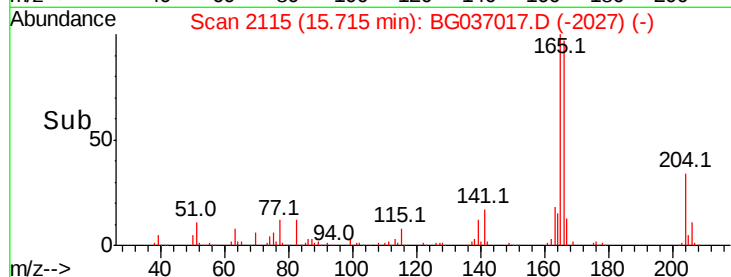
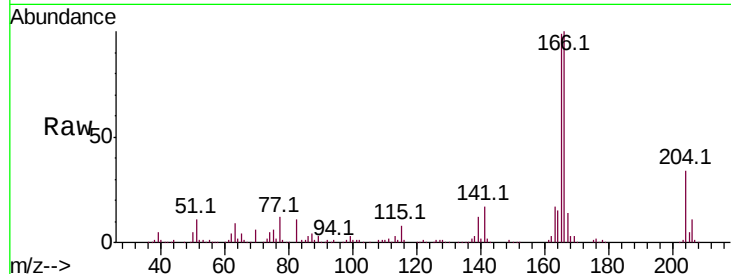
#57
Fluorene
 Concen: 44.368 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	77.0	115.4	
167	14.4	10.6	16.0	

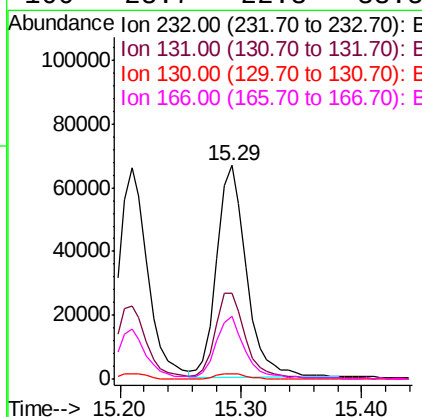
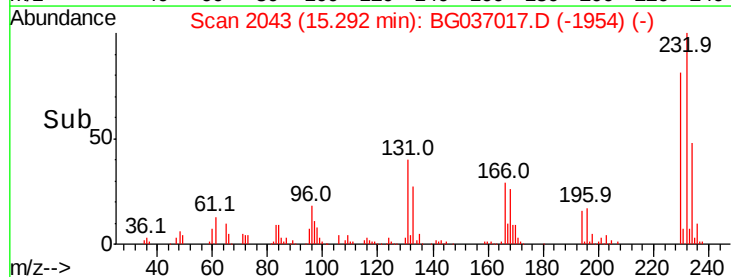
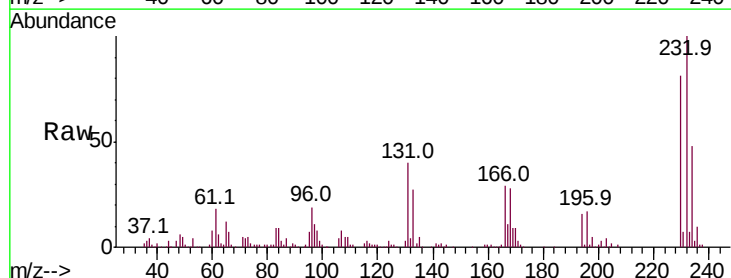
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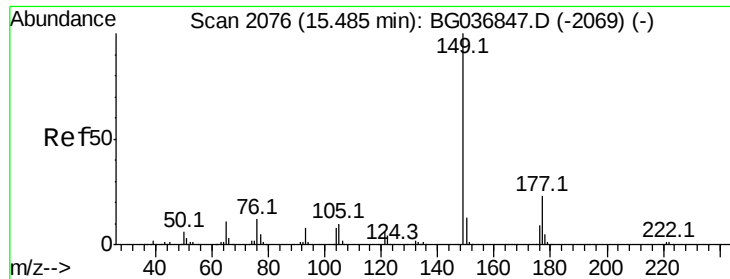
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.018 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.7	33.8	50.8	
130	2.5	2.1	3.1	
166	28.7	22.3	33.5	





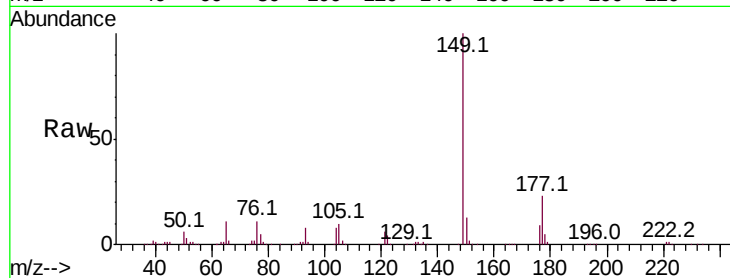
#59
Diethylphthalate
Concen: 41.807 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

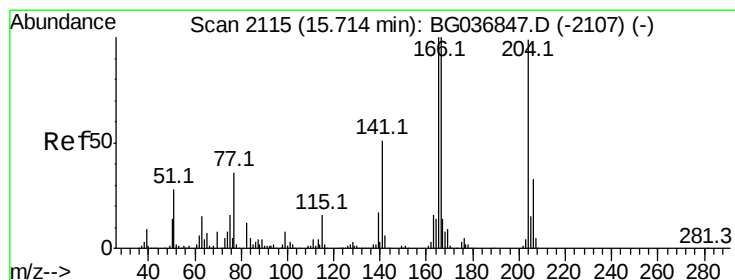
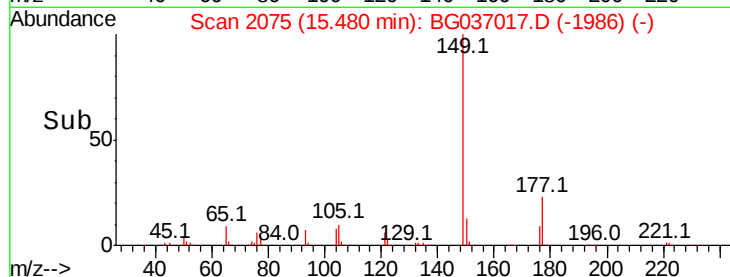
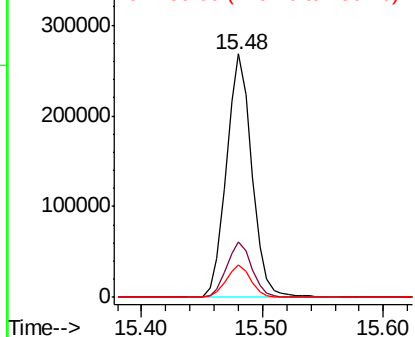
Tot Ion	Ratio	Resp	Lower	Upper
149	100	392279		
177	22.9	19.1	28.7	
150	13.4	10.7	16.1	

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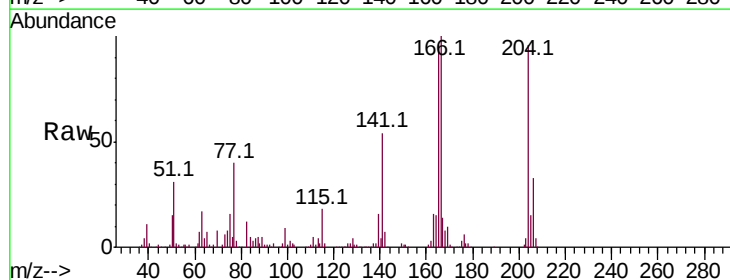


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

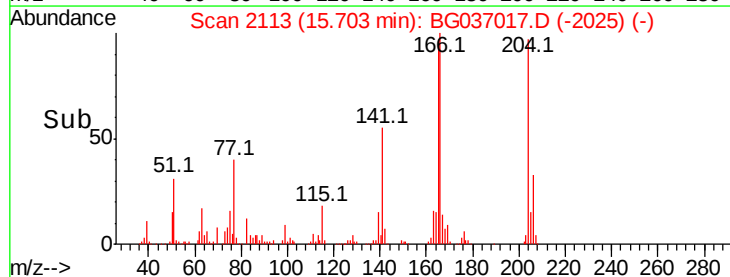
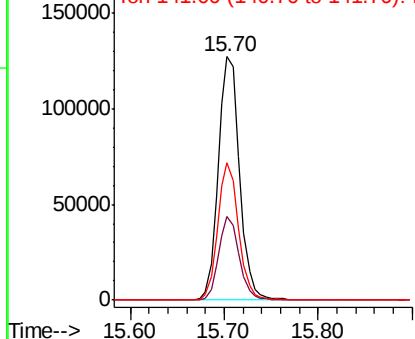


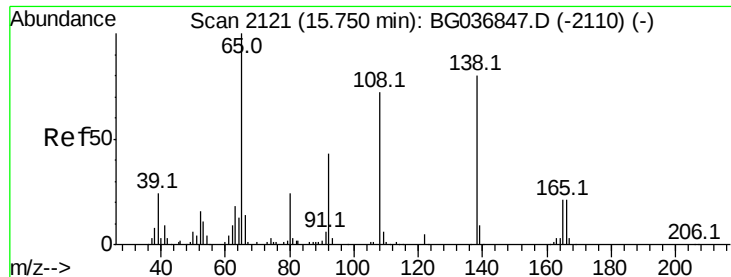
#60
4-Chlorophenyl-phenylether
Concen: 38.200 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	201630		
206	34.3	27.0	40.4	
141	56.5	43.8	65.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





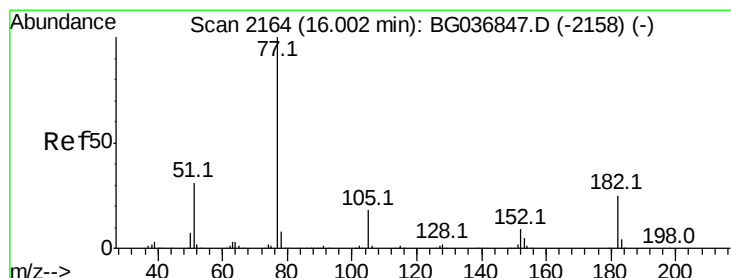
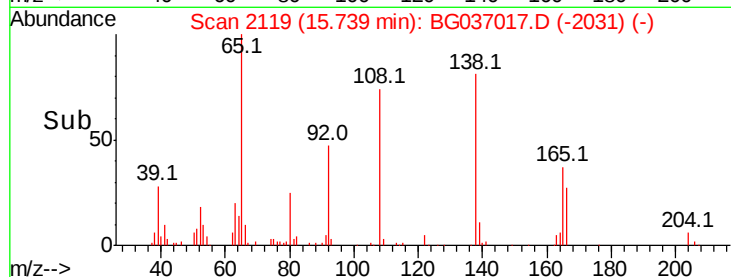
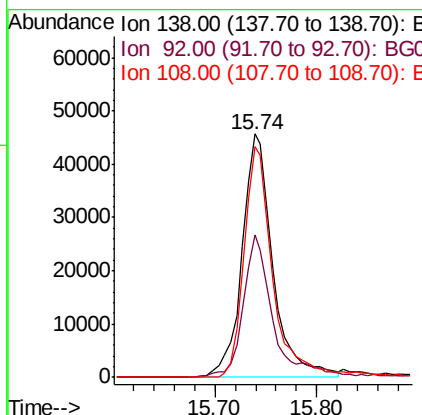
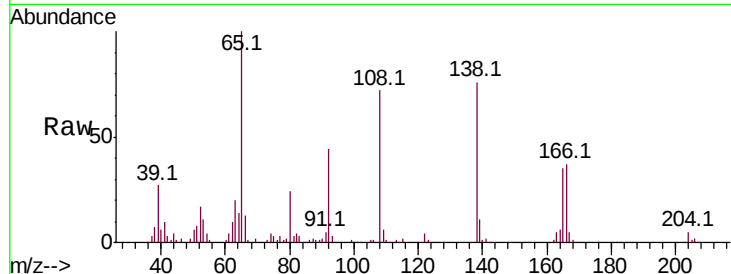
#61
4-Nitroaniline
Concen: 42.703 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion:138 Resp: 96073
Ion Ratio Lower Upper
138 100
92 58.3 38.5 78.5
108 94.7 70.3 110.3

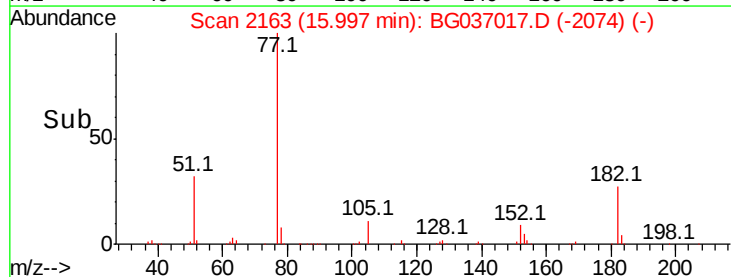
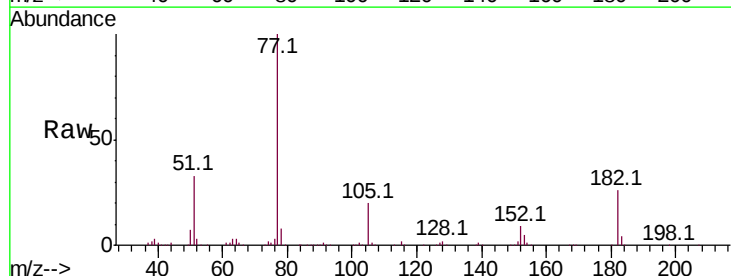
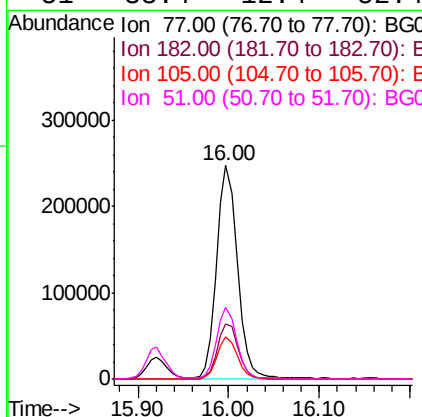
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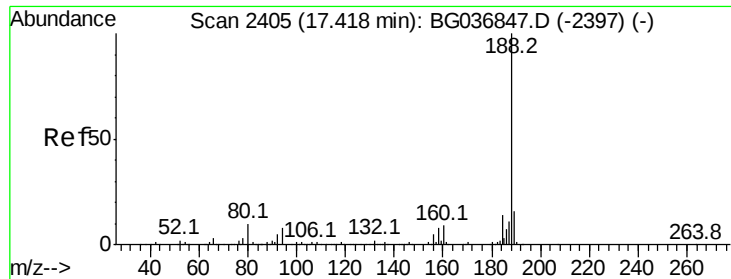
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#62
Azobenzene
Concen: 43.447 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion: 77 Resp: 391707
Ion Ratio Lower Upper
77 100
182 26.0 6.7 46.7
105 19.6 0.0 39.8
51 33.4 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

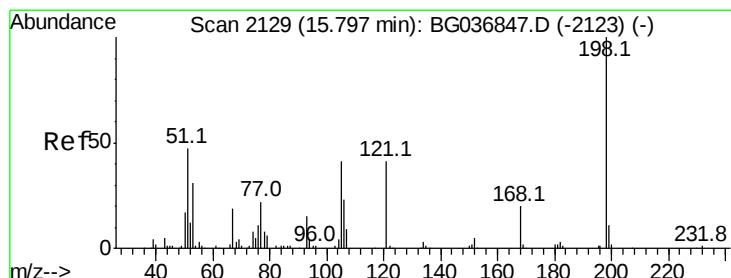
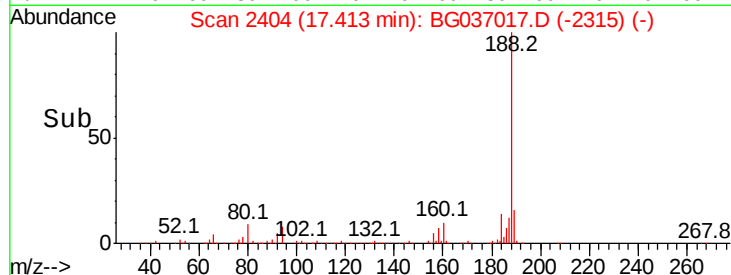
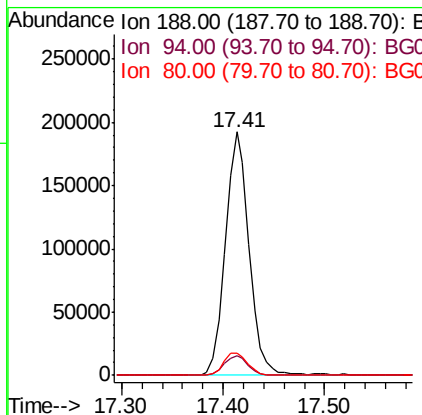
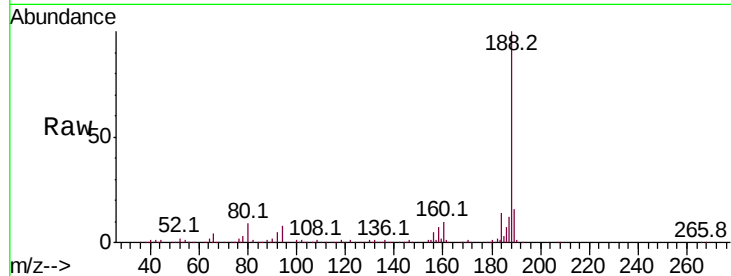
ClientSampleId :

PB113269BS

Tot Ion:	188	Resp:	310037
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.7	10.1
80	9.1	8.1	12.1

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.393 ng

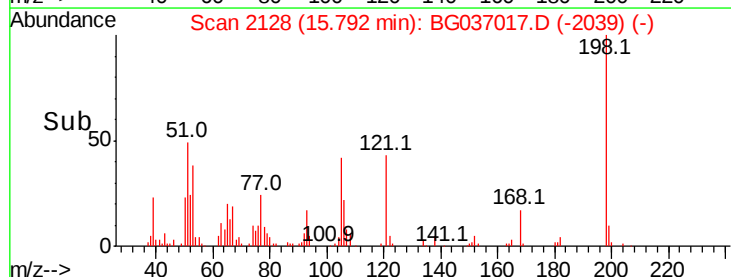
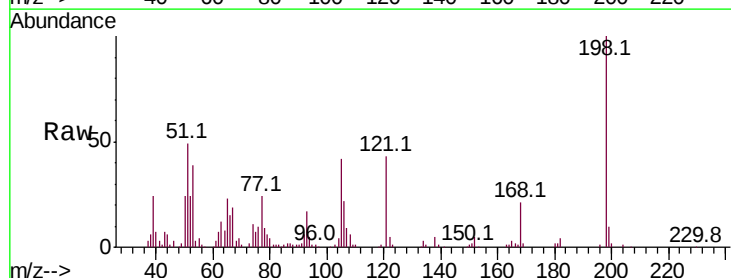
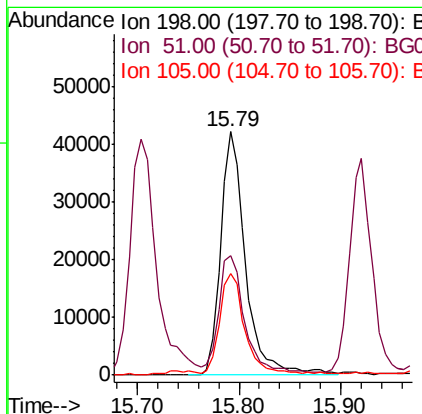
RT: 15.79 min Scan# 2128

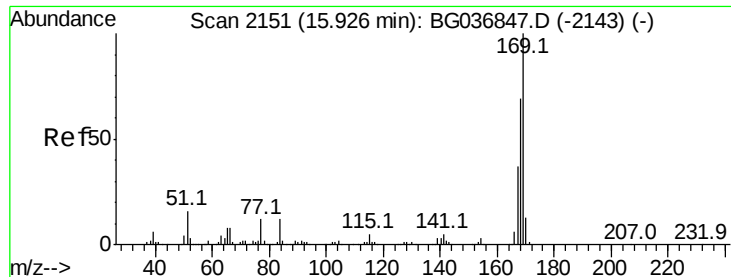
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	198	Resp:	71957
Ion Ratio	Lower	Upper	
198	100		
51	49.2	26.5	66.5
105	41.7	20.2	60.2





#65

n-Nitrosodiphenylamine

Concen: 39.285 ng

RT: 15.92 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

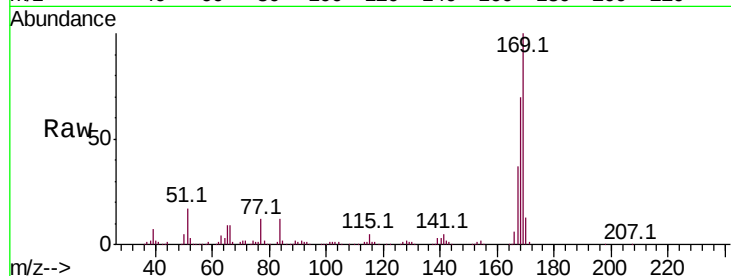
ClientSampleId :

PB113269BS

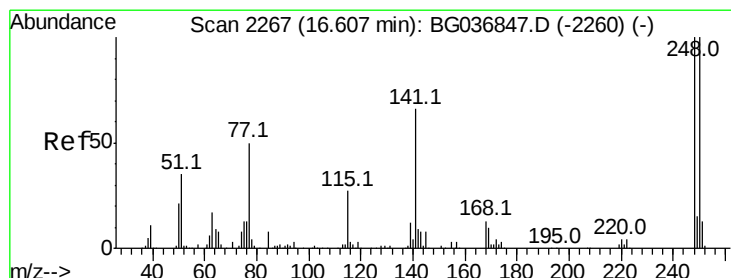
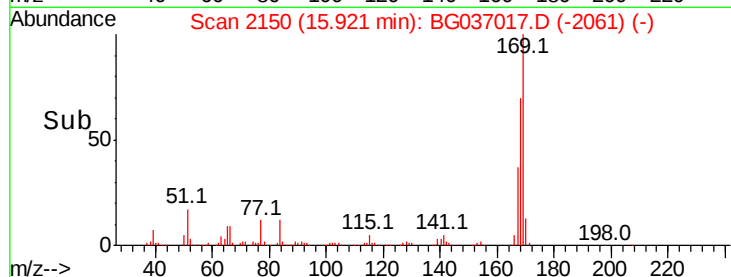
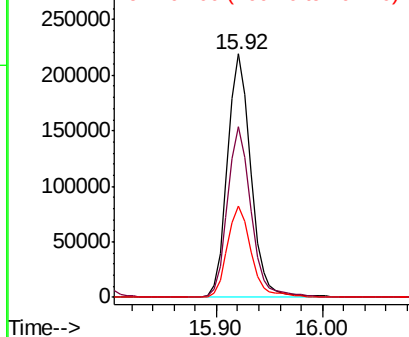
Tot Ion:	169	Resp:	336248
Ion Ratio	Lower	Upper	
169	100		
168	70.1	57.6	86.4
167	37.3	31.0	46.4

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



#66

4-Bromophenyl-phenylether

Concen: 37.047 ng

RT: 16.60 min Scan# 2265

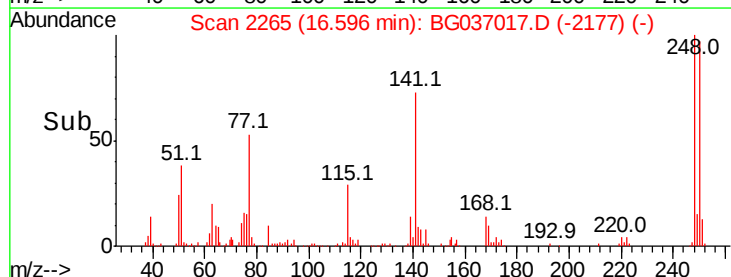
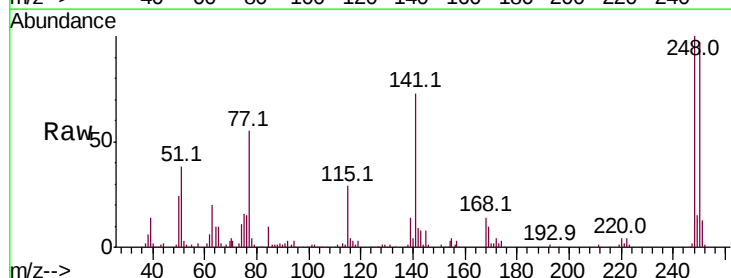
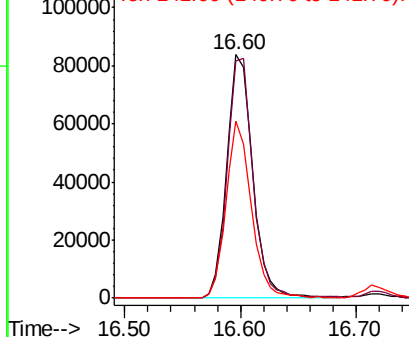
Delta R.T. -0.01 min

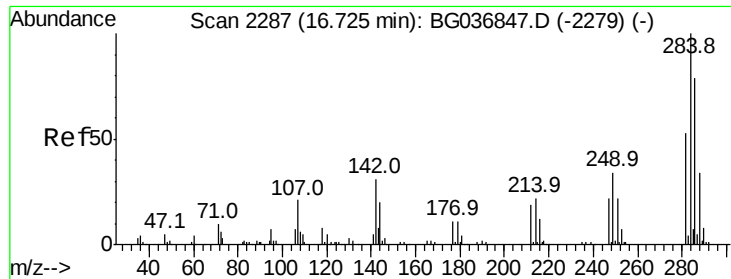
Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	248	Resp:	130645
Ion Ratio	Lower	Upper	
248	100		
250	97.5	78.1	117.1
141	72.6	53.7	80.5

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: 36.749 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

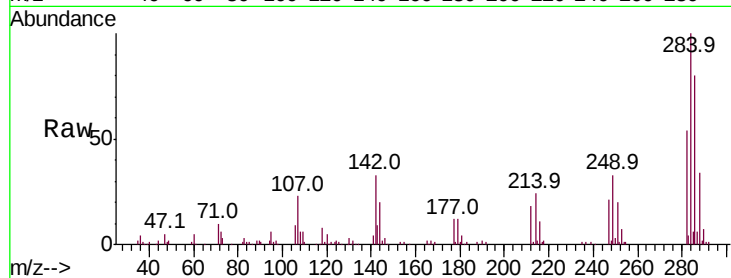
ClientSampleId :

PB113269BS

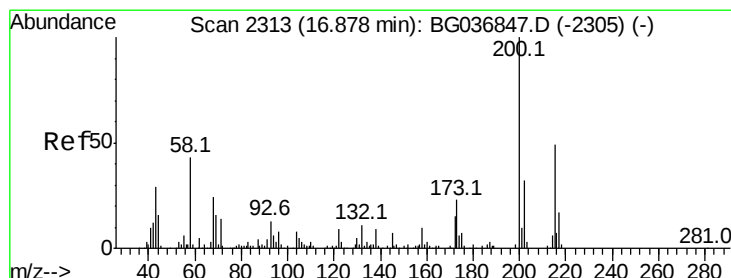
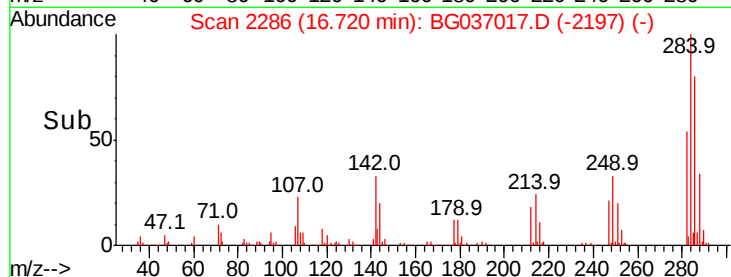
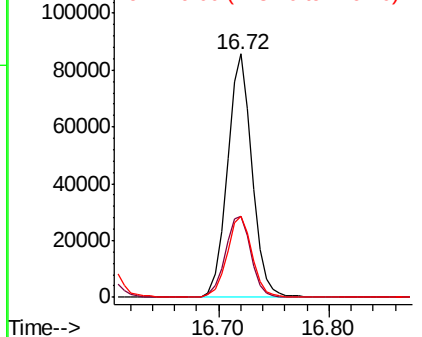
Tot Ion:	284	Resp:	133473
Ion Ratio		Lower	Upper
284	100		
142	33.5	27.8	41.6
249	33.1	27.4	41.2

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



#68

Atrazine

Concen: 41.320 ng

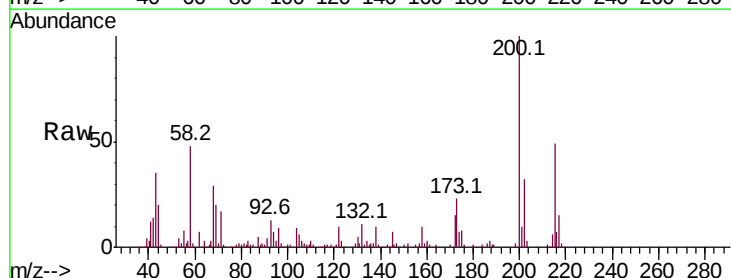
RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

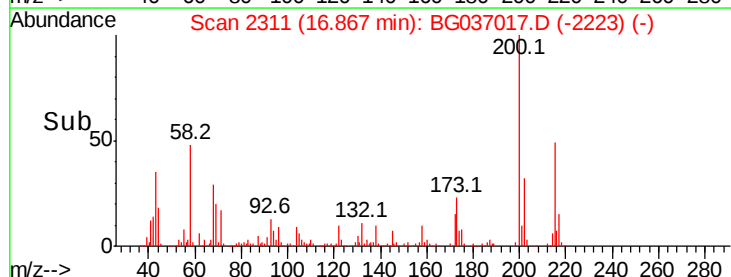
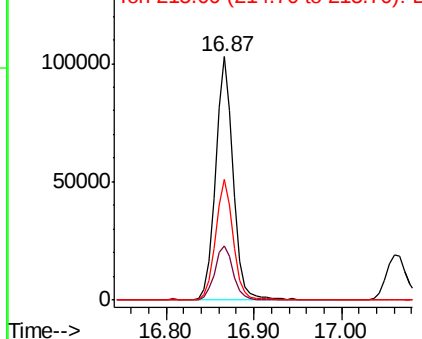
Lab File: BG037017.D

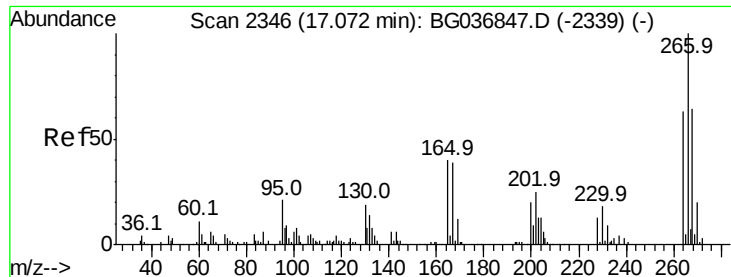
Acq: 27 Sep 2018 16:39

Tgt Ion:	200	Resp:	143204
Ion Ratio		Lower	Upper
200	100		
173	22.5	3.9	43.9
215	49.3	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





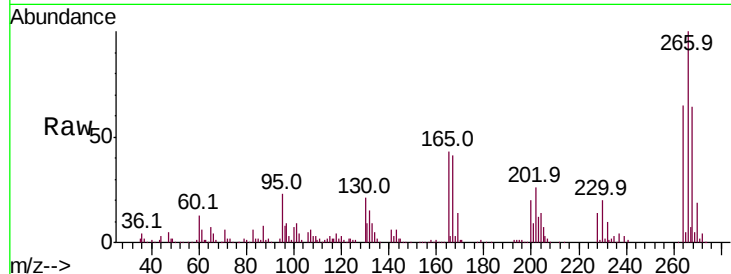
#69
 Pentachlorophenol
 Concen: 72.682 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

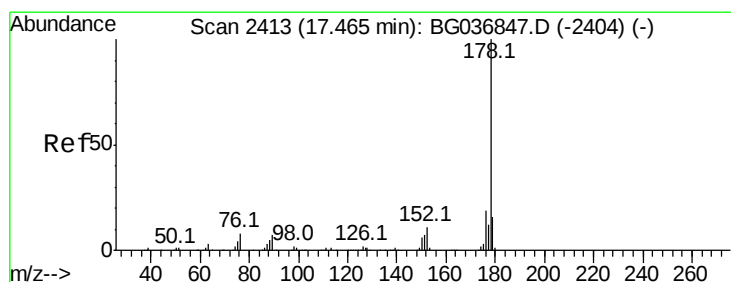
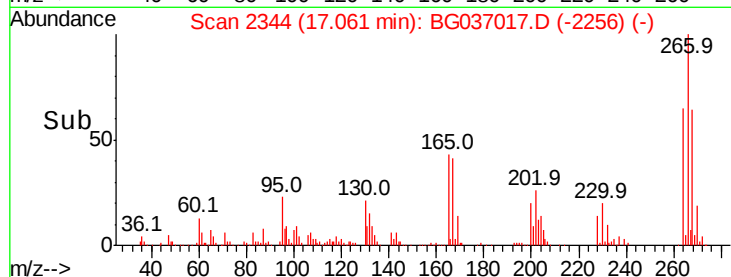
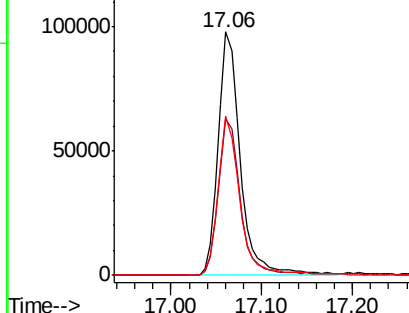
Tot Ion:	266	Resp:	166206
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.4	77.2
264	65.4	48.9	73.3

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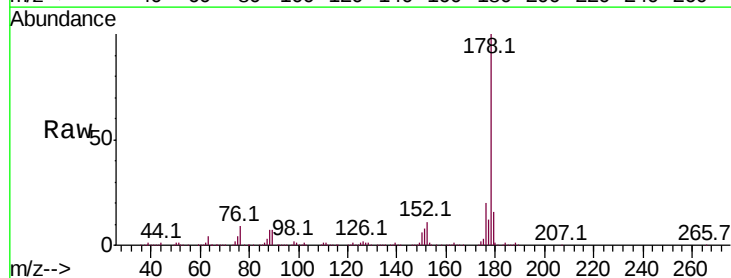


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

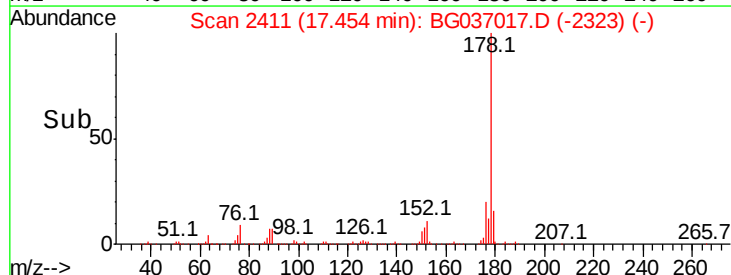
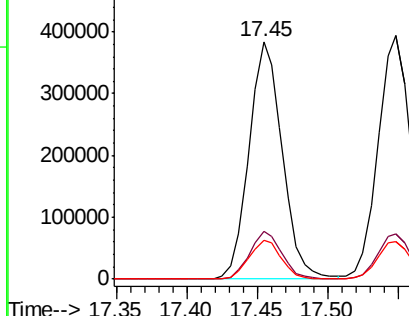


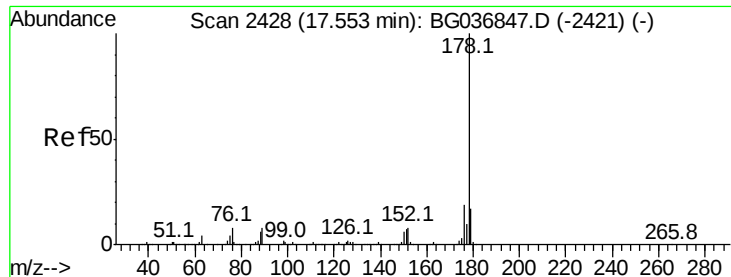
#70
 Phenanthrene
 Concen: 42.487 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion:	178	Resp:	634777
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	16.4	13.4	20.2



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





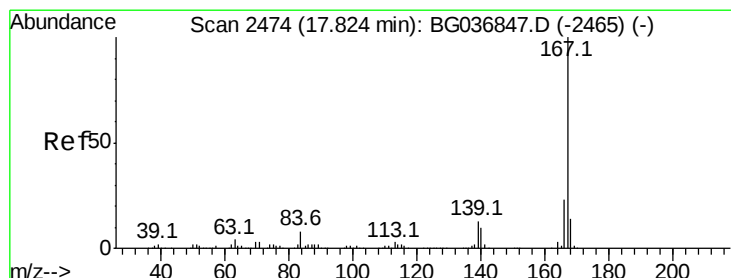
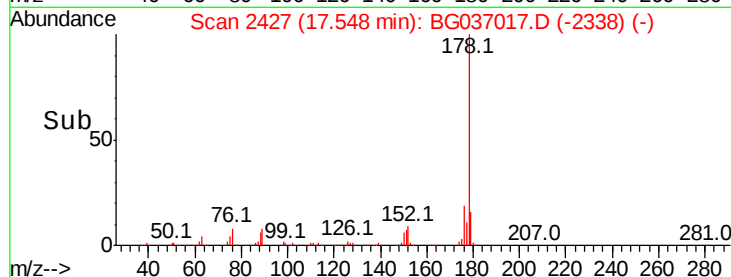
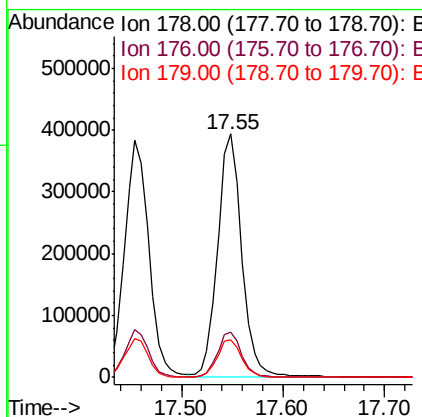
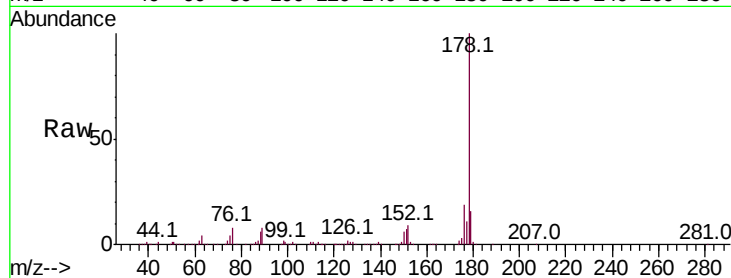
#71
 Anthracene
 Concen: 43.949 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampled :
 PB113269BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	13.0	19.4

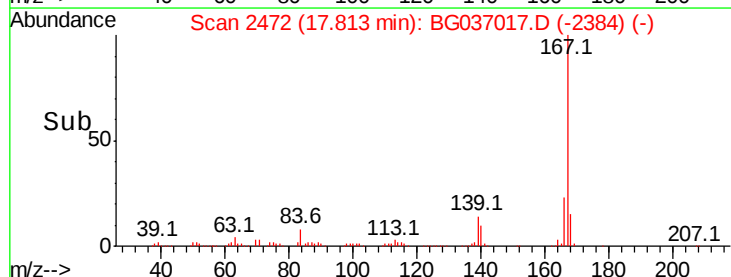
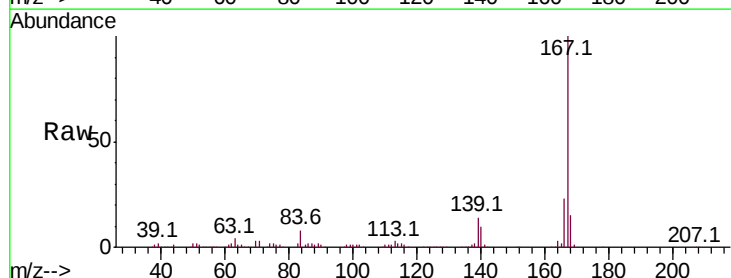
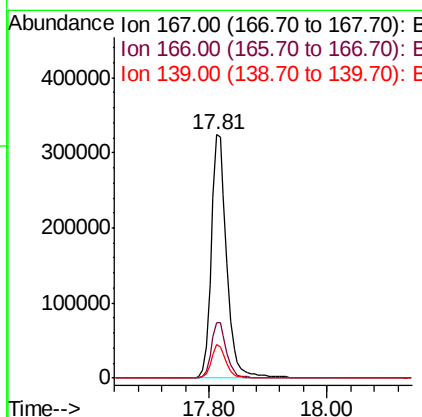
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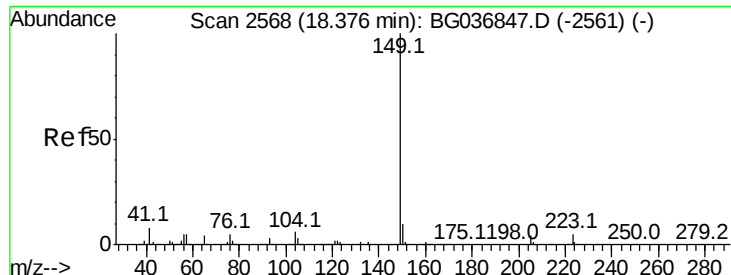
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#72
 Carbazole
 Concen: 40.980 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.5	29.3
139	13.7	10.7	16.1





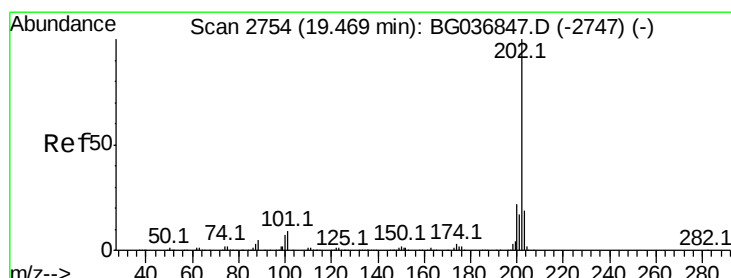
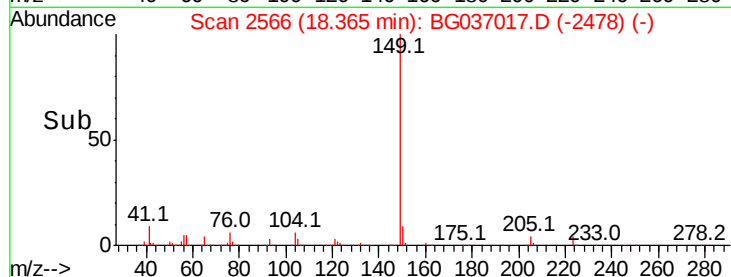
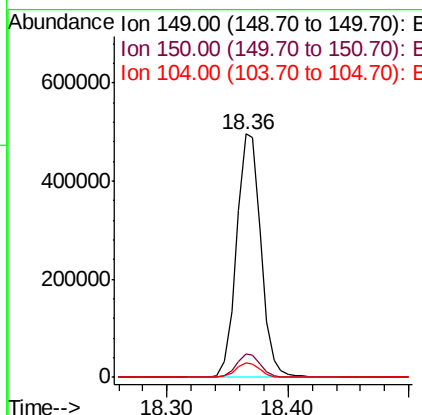
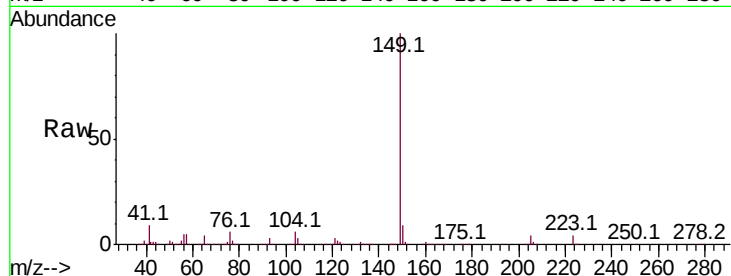
#73
Di-n-butylphthalate
Concen: 43.490 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.5	8.1	12.1
104	6.1	4.6	6.8

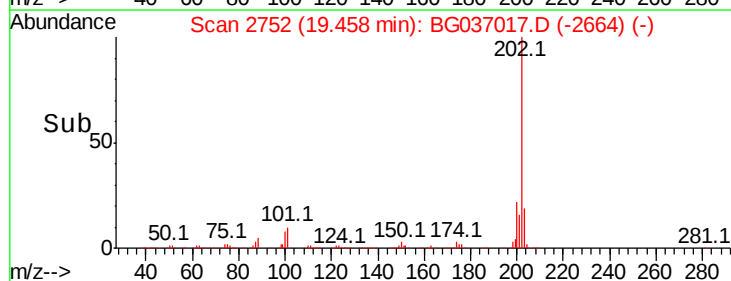
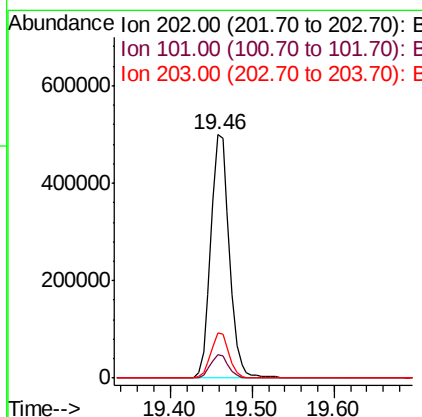
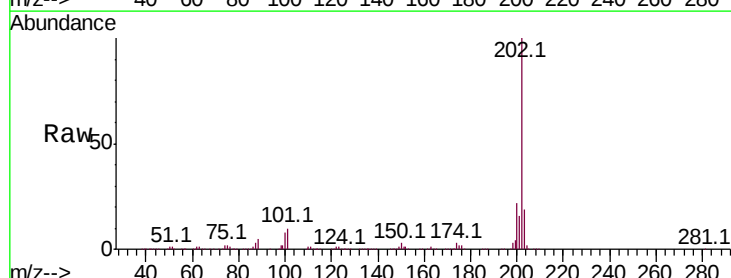
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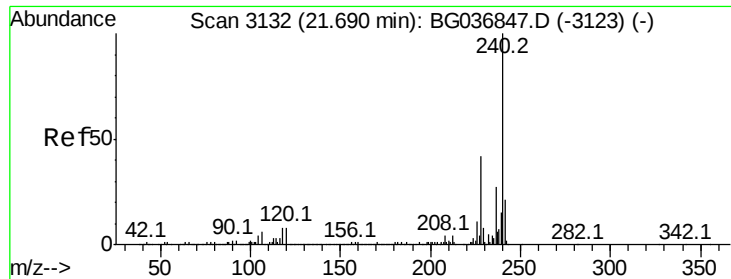
Sohil
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#74
Fluoranthene
Concen: 44.164 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	29.4
203	18.7	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

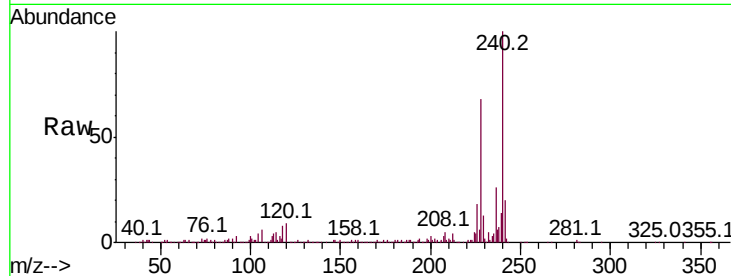
ClientSampleId :

PB113269BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	26.0	21.2	31.8

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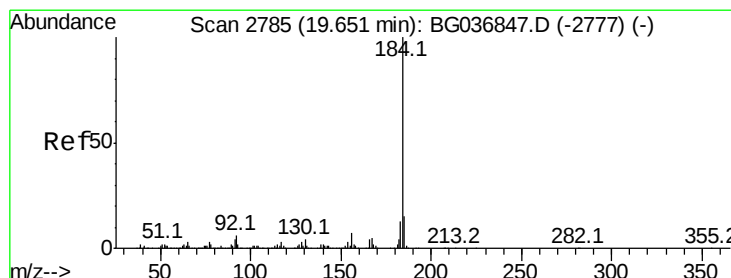
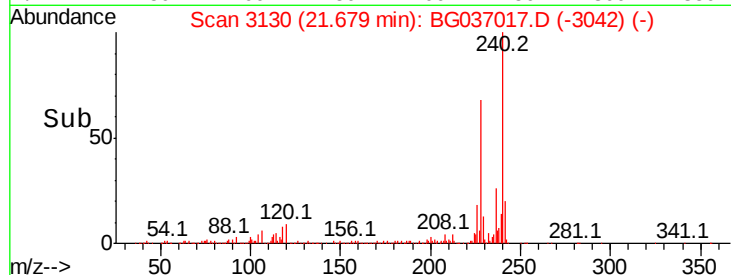
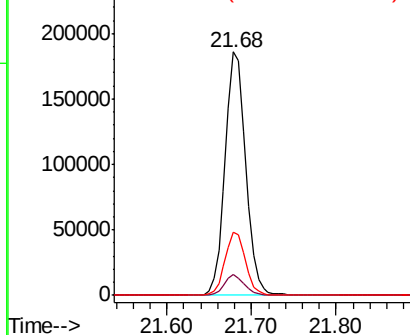


Abundance

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: 37.197 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

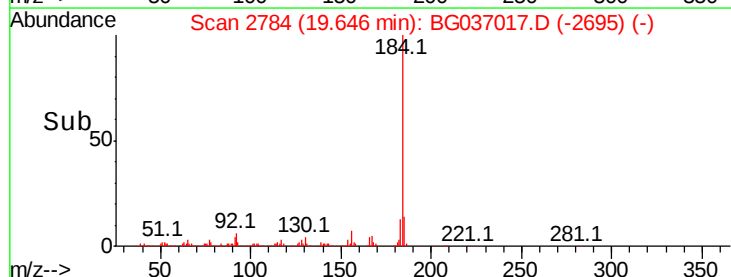
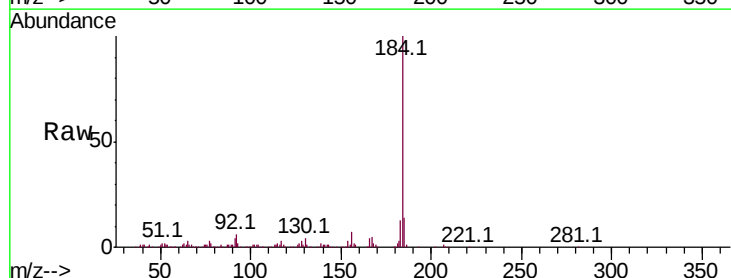
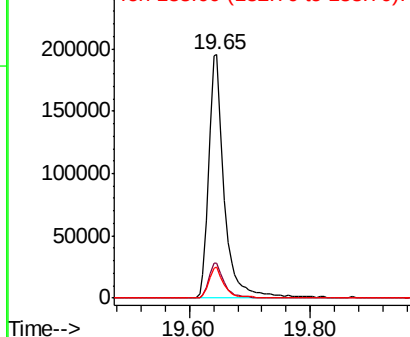
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	13.0	10.9	16.3

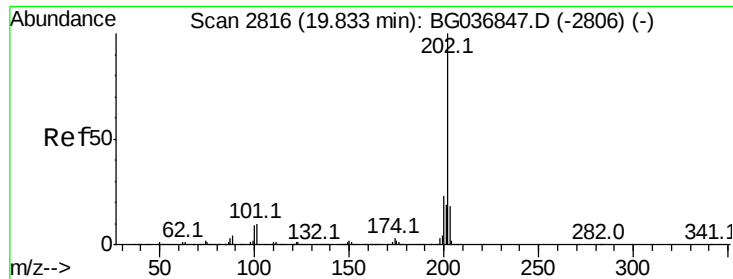
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.512 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

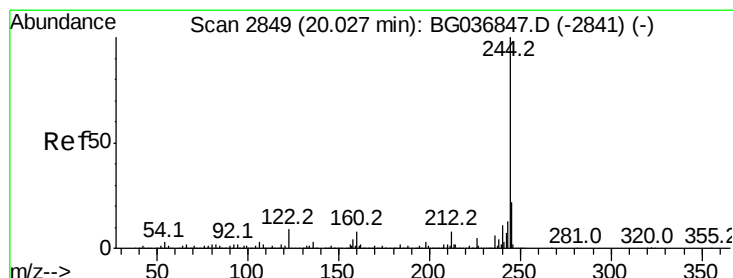
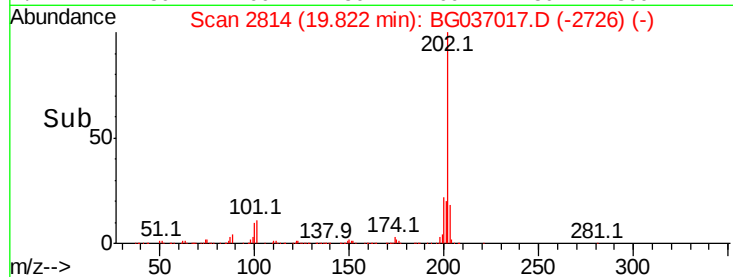
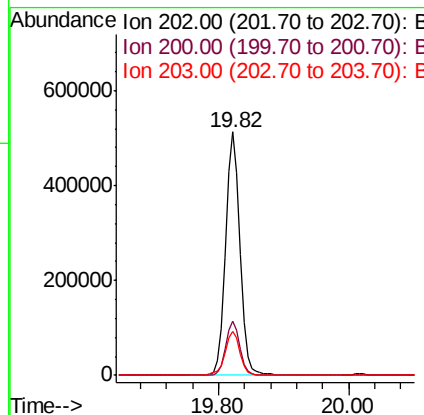
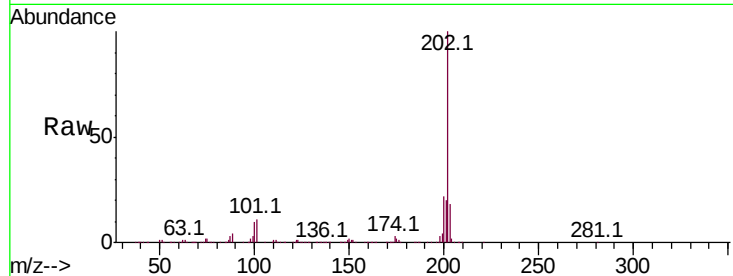
ClientSampleId :

PB113269BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	18.3	27.5
203	18.1	15.1	22.7

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#78

Terphenyl-d14

Concen: 81.973 ng

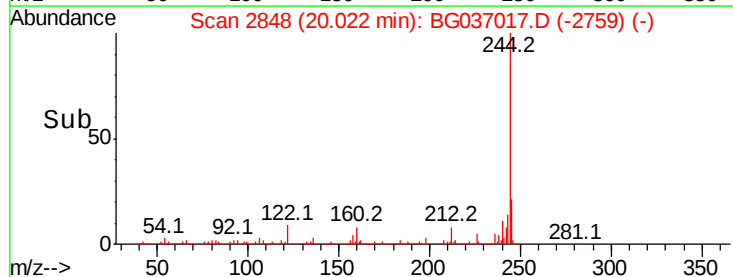
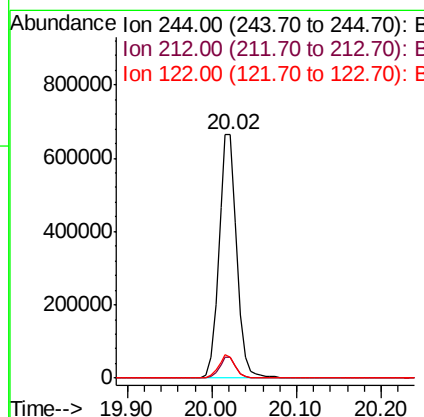
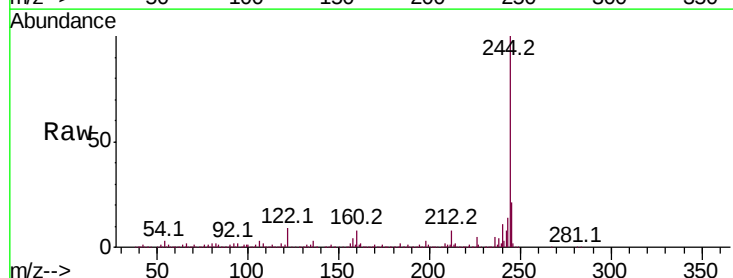
RT: 20.02 min Scan# 2848

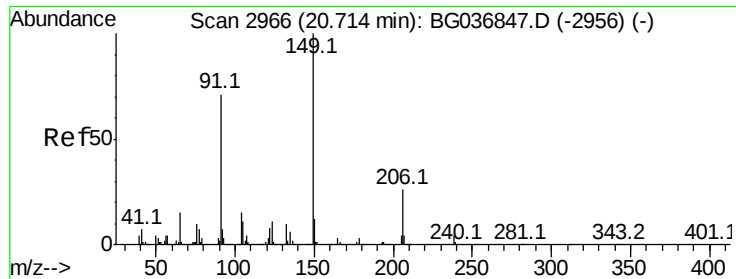
Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.8	7.1	10.7





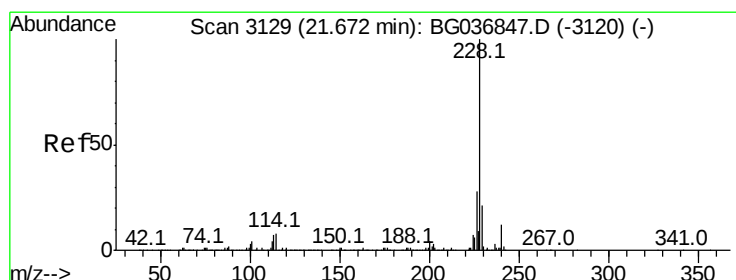
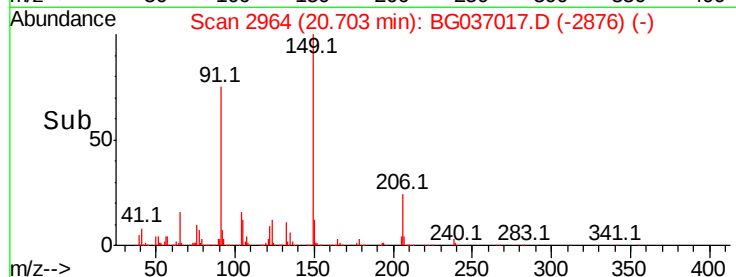
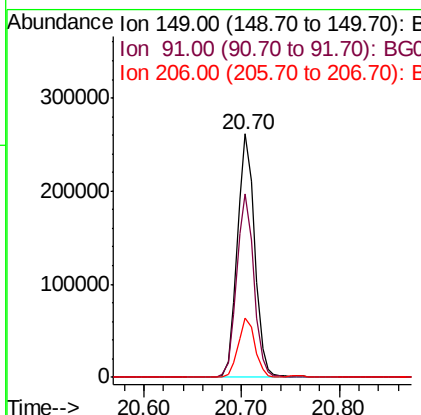
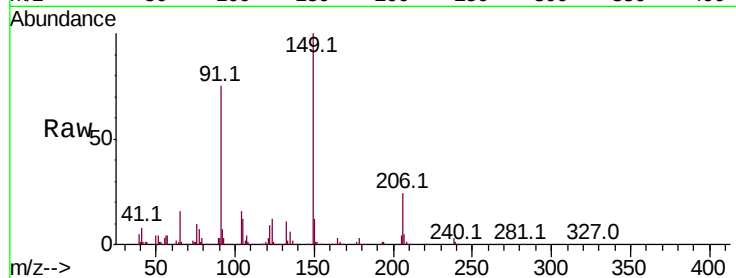
#79
Butylbenzylphthalate
Concen: 43.235 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.5	62.0	93.0	
206	24.4	19.6	29.4	

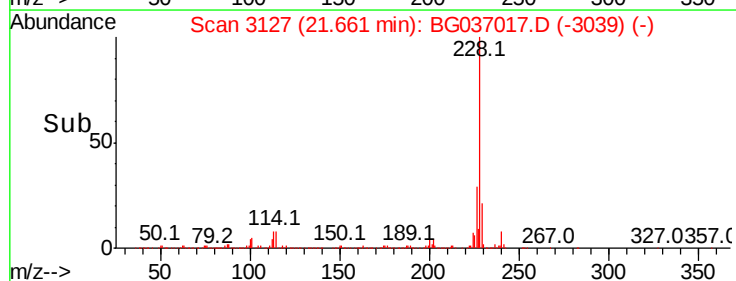
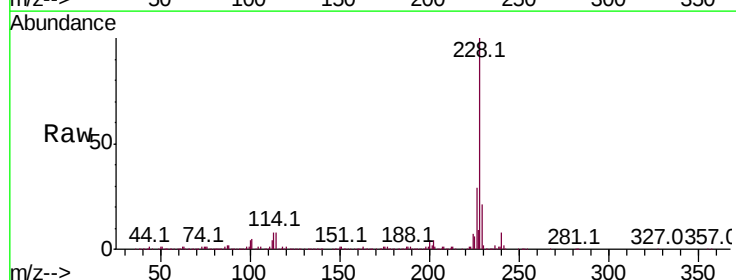
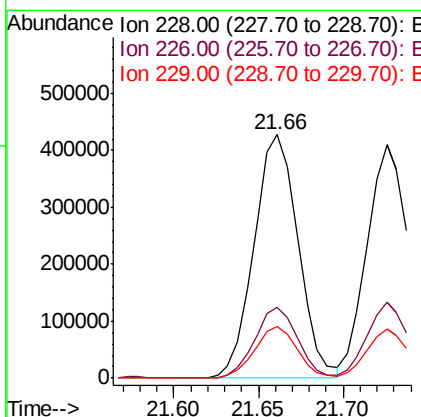
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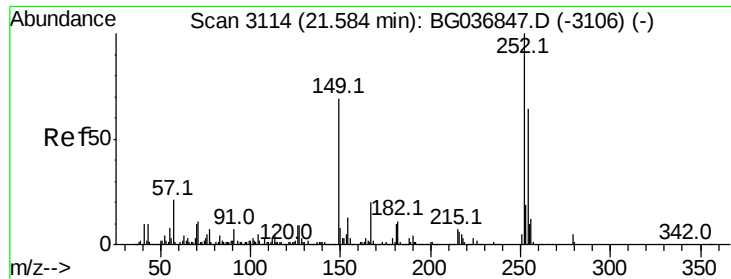
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#80
Benzo(a)anthracene
Concen: 42.103 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.0	23.4	35.2	
229	21.1	17.1	25.7	





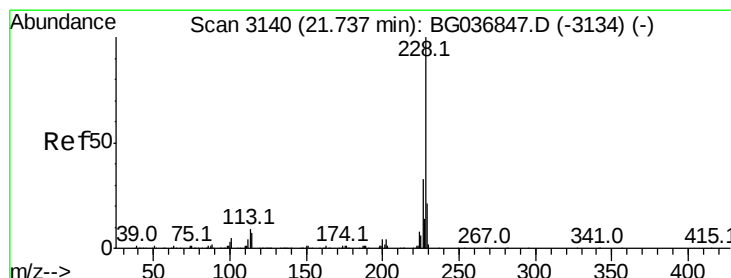
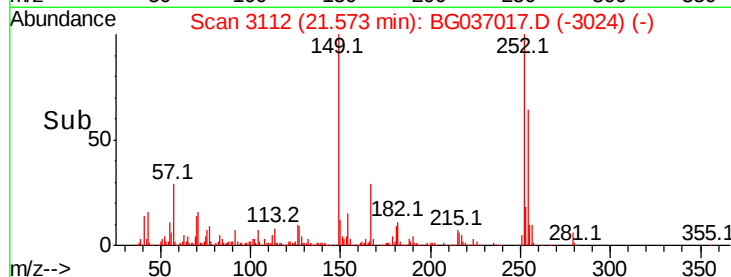
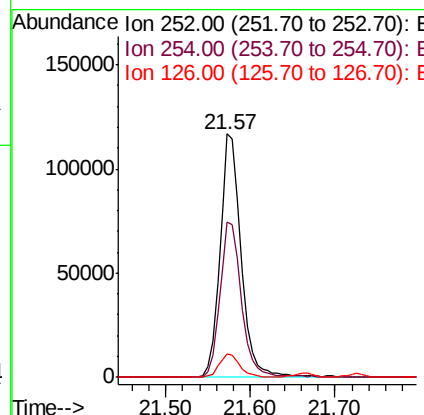
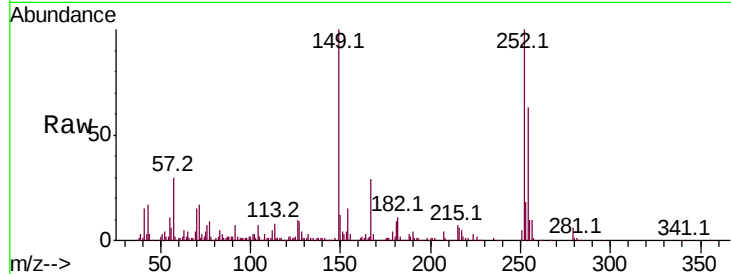
#81
 3,3'-Dichlorobenzidine
 Concen: 29.363 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.7	51.0	76.4
126	9.8	7.4	11.0

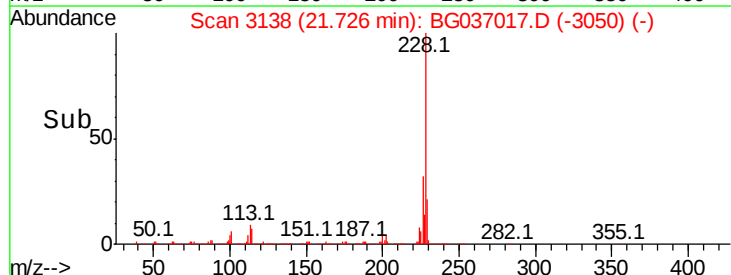
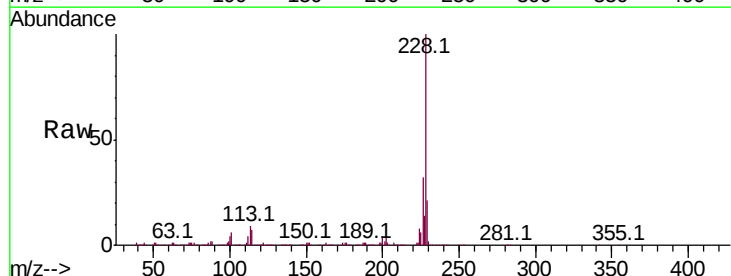
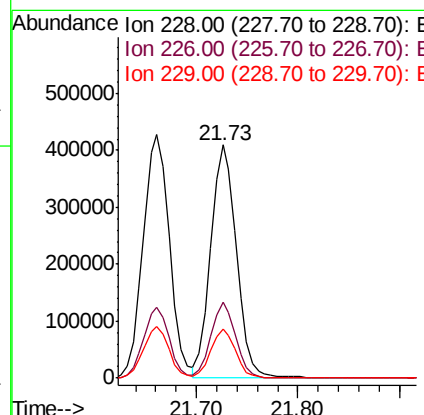
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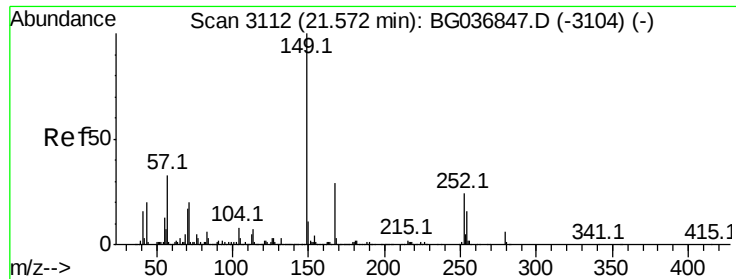
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#82
 Chrysene
 Concen: 40.493 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.5	25.5	38.3
229	20.9	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.890 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

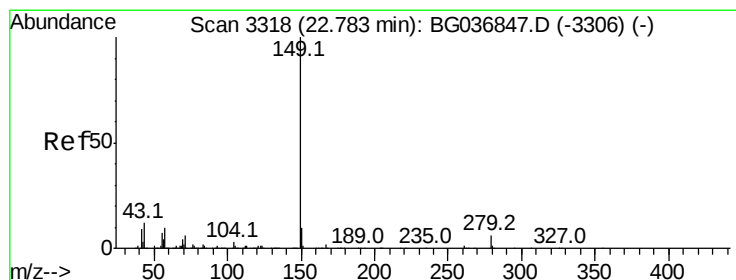
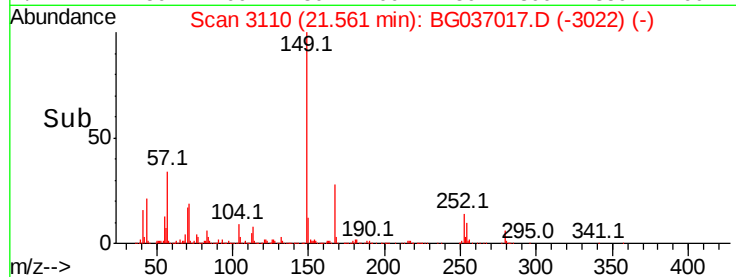
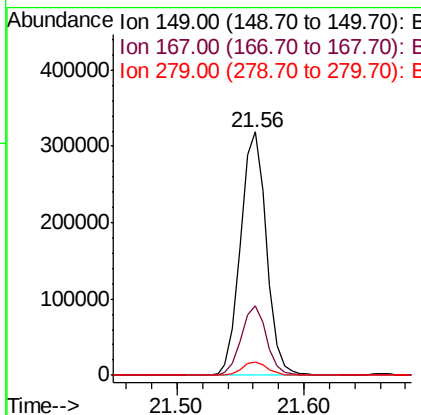
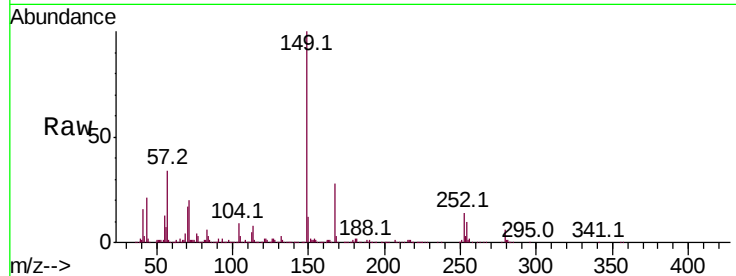
ClientSampleId :

PB113269BS

Tot Ion:	149	Resp:	450053
Ion Ratio	Lower	Upper	
149	100		
167	28.5	23.4	35.0
279	5.7	4.6	7.0

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#84

Di-n-octyl phthalate

Concen: 43.363 ng

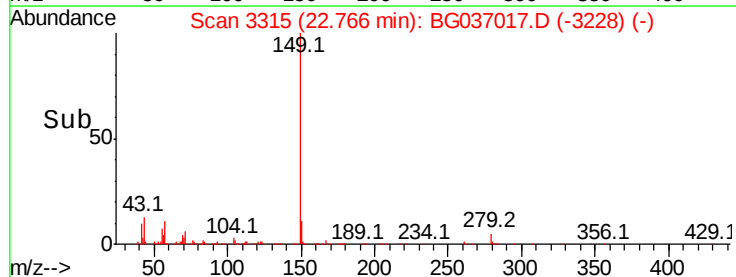
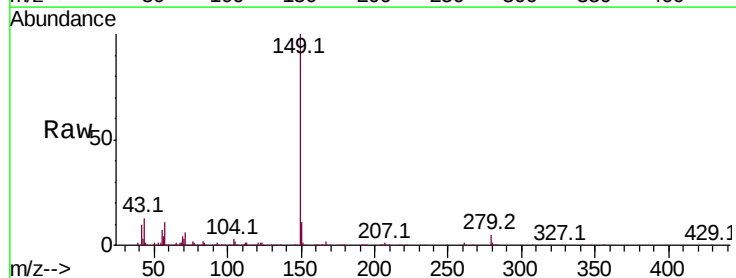
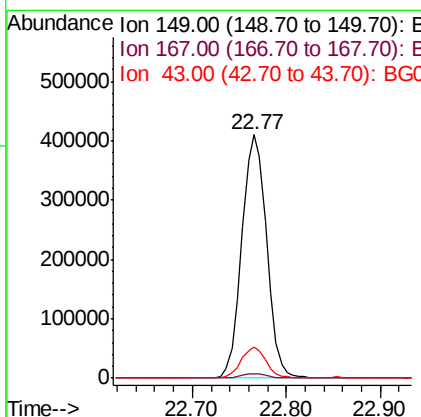
RT: 22.77 min Scan# 3315

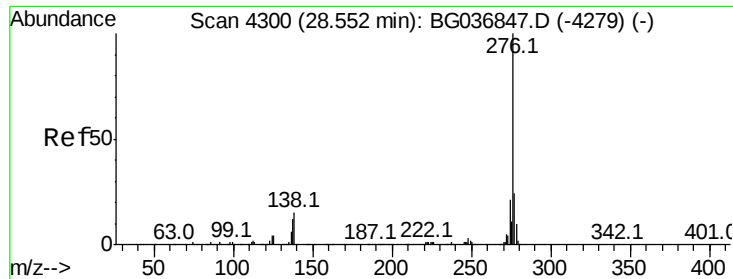
Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	149	Resp:	749178
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	12.5	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.727 ng

RT: 28.54 min Scan# 4297

Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

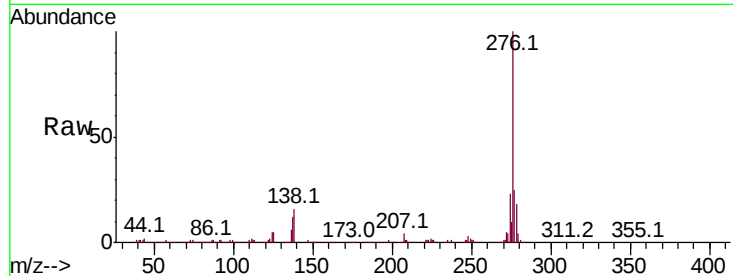
ClientSampleId :

PB113269BS

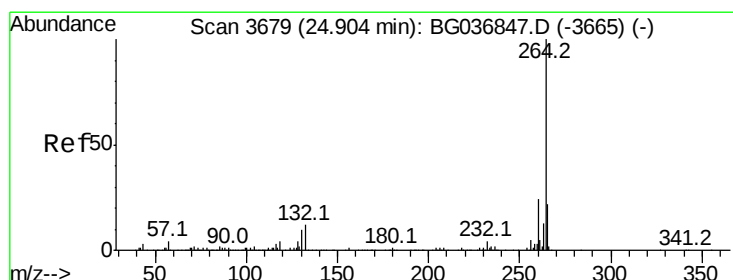
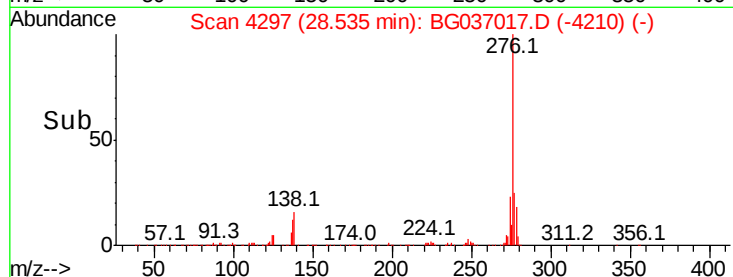
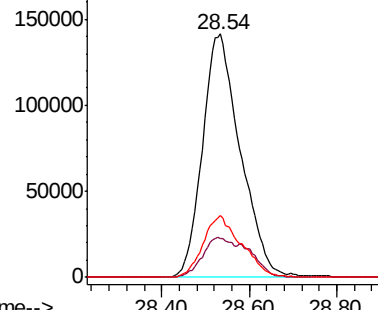
Tot Ion:	276	Resp:	831691
Ion Ratio	Lower	Upper	
276	100		
138	13.4	10.6	15.8
277	25.6	20.6	30.8

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

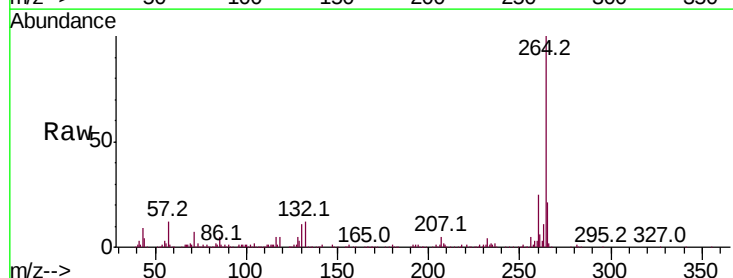
RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

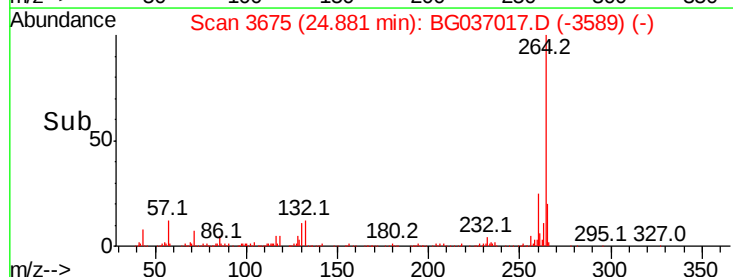
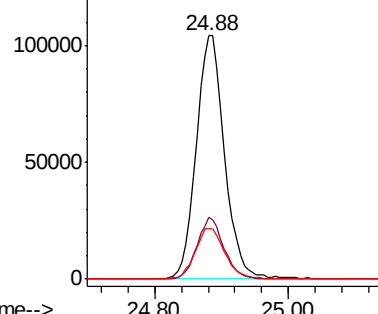
Lab File: BG037017.D

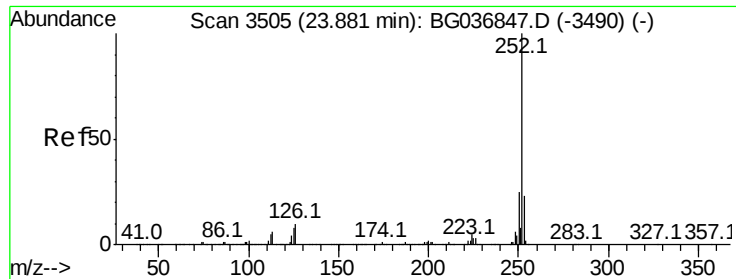
Acq: 27 Sep 2018 16:39

Tgt Ion:	264	Resp:	310833
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.6	29.4
265	20.6	17.4	26.0



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





#87

Benzo(b)fluoranthene

Concen: 44.671 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Instrument :

BNA_G

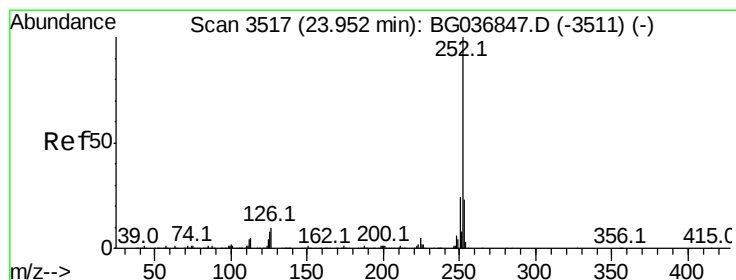
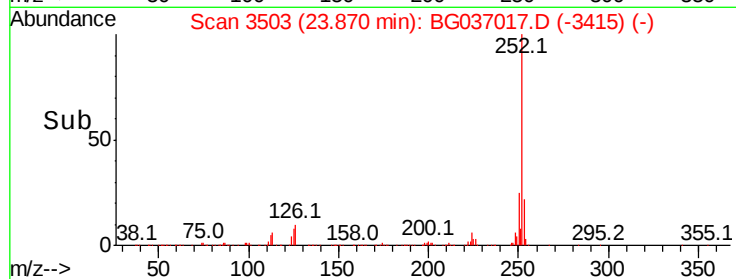
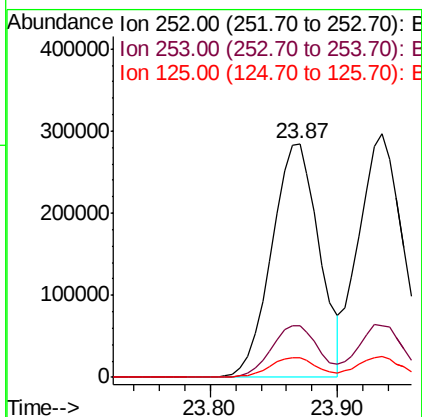
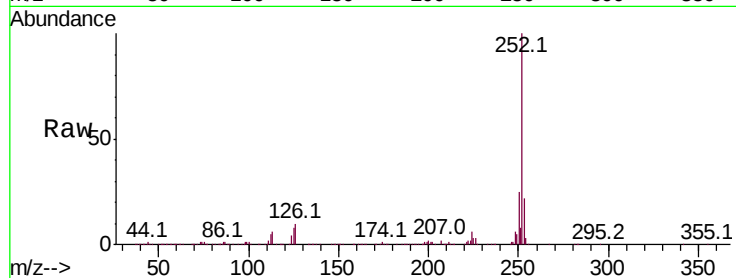
ClientSampleId :

PB113269BS

Tot Ion:	252	Resp:	739985
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	8.2	6.6	10.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.387 ng

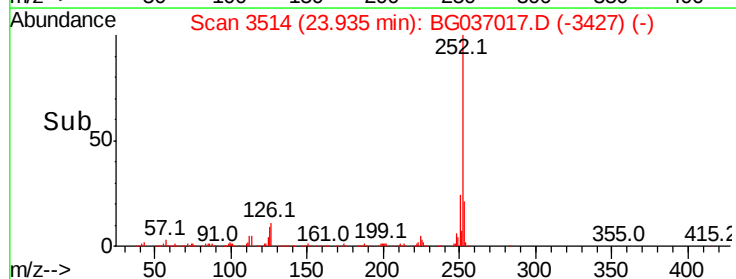
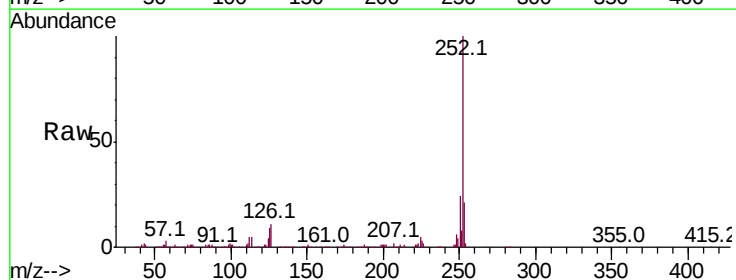
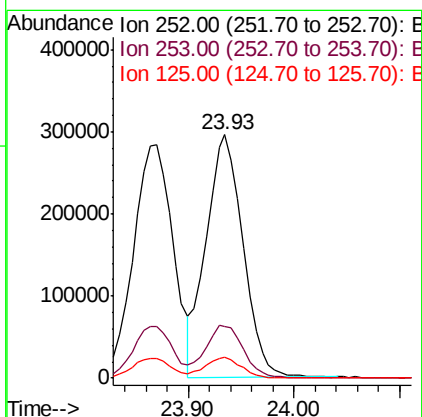
RT: 23.93 min Scan# 3514

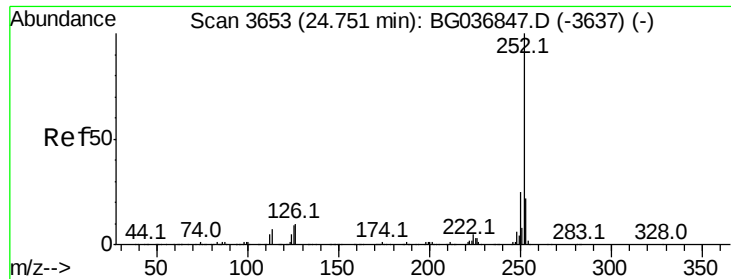
Delta R.T. -0.02 min

Lab File: BG037017.D

Acq: 27 Sep 2018 16:39

Tgt Ion:	252	Resp:	721051
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.0	27.0
125	8.7	7.0	10.6





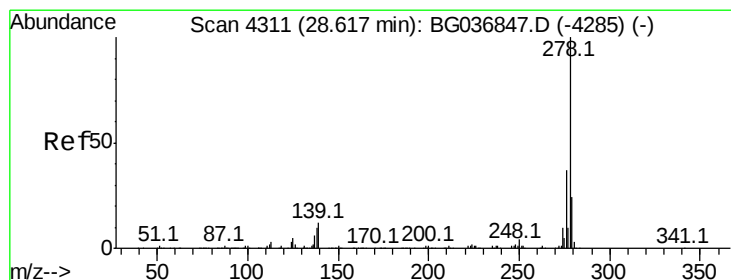
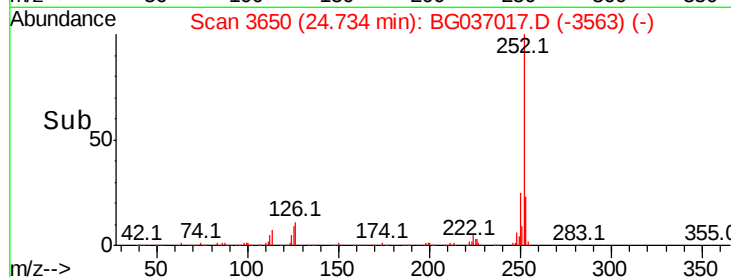
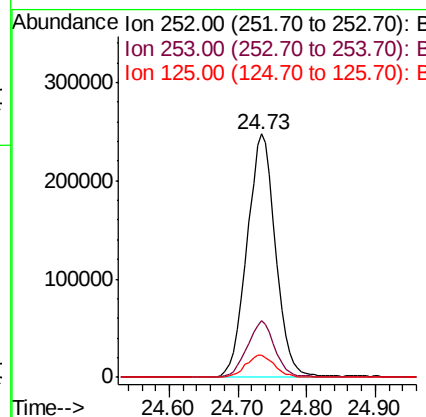
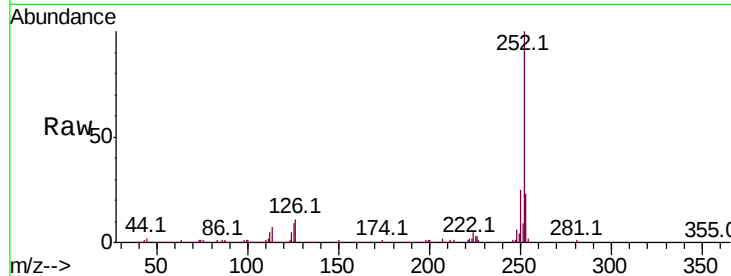
#89
Benzo(a)pyrene
Concen: 44.862 ng
RT: 24.73 min Scan# 3650
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Instrument :
BNA_G
ClientSampleId :
PB113269BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.9	7.3	10.9

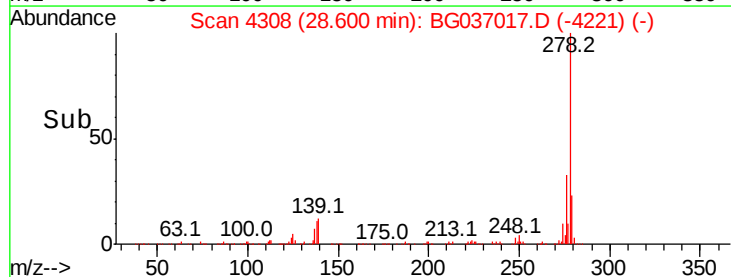
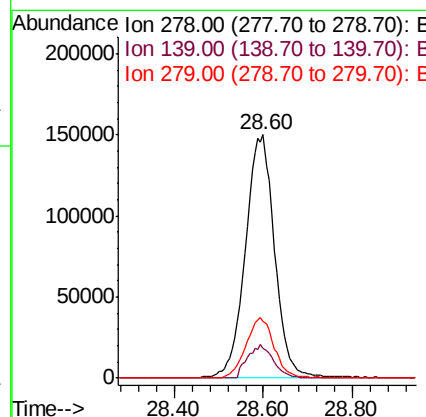
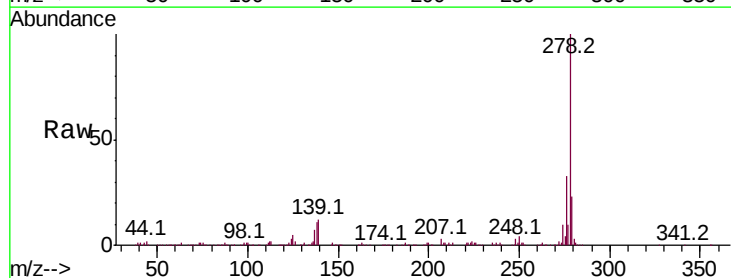
Manual Integrations
APPROVED

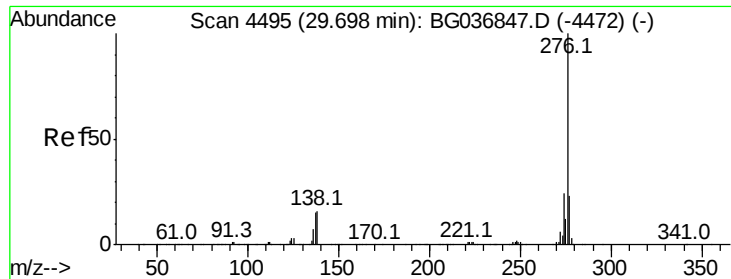
Sohil
9/28/2018 4:24:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.929 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.02 min
Lab File: BG037017.D
Acq: 27 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	11.0	16.4
279	23.4	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 45.936 ng
 RT: 29.67 min Scan# 4490
 Delta R.T. -0.03 min
 Lab File: BG037017.D
 Acq: 27 Sep 2018 16:39

Instrument :
 BNA_G
 ClientSampleId :
 PB113269BS

Tot Ion:	276	Resp:	691946
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.4	27.6
138	18.0	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 9/28/2018 4:24:33 PM

