

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037659.D
 Acq On : 30 Oct 2018 18:37
 Operator : JU/SJ
 Sample : PB114322BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:54:14 AM

Quant Time: Oct 31 09:04:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48941	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	224972	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	152053	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	377135	20.00	ng	0.00
76) Chrysene-d12	21.77	240	341534	20.00	ng	0.00
87) Perylene-d12	25.10	264	357411	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	463995	158.50	ng	0.00
7) Phenol-d6	7.25	99	664343	150.08	ng	0.00
23) Nitrobenzene-d5	9.28	82	312591	77.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	255173	153.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	747682	74.15	ng	0.00
79) Terphenyl-d14	20.08	244	1172499	73.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46507	31.328	ng	98
3) Pyridine	3.93	79	134952	36.067	ng	91
4) n-Nitrosodimethylamine	3.85	42	59617	44.733	ng	# 99
6) Aniline	7.42	93	175517	32.503	ng	94
8) 2-Chlorophenol	7.66	128	153500	44.823	ng	99
9) Benzaldehyde	7.24	77	80565	29.096	ng	99
10) Phenol	7.28	94	209845	44.930	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	140231	39.533	ng	98
12) 1,3-Dichlorobenzene	7.98	146	148986	39.079	ng	99
13) 1,4-Dichlorobenzene	8.14	146	154339	39.576	ng	99
14) 1,2-Dichlorobenzene	8.45	146	147330	39.274	ng	99
15) Benzyl Alcohol	8.34	79	139607	42.684	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	254956	40.170	ng	98
17) 2-Methylphenol	8.54	107	140543	45.517	ng	99
18) Hexachloroethane	9.18	117	53981	40.602	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	116910	38.354	ng	96
20) 3+4-Methylphenols	8.86	107	197014	44.628	ng	99
22) Acetophenone	8.93	105	219834	38.962	ng	# 98
24) Nitrobenzene	9.32	77	172752	41.407	ng	94
25) Isophorone	9.83	82	330926	45.098	ng	97
26) 2-Nitrophenol	10.03	139	86852	46.211	ng	97
27) 2,4-Dimethylphenol	10.07	122	170363	50.768	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	203567	42.342	ng	96
29) 2,4-Dichlorophenol	10.56	162	166145	44.468	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	156021	38.399	ng	98
31) Naphthalene	10.97	128	471342	42.655	ng	99
32) Benzoic acid	10.20	122	113328	51.995	ng	99
33) 4-Chloroaniline	11.09	127	122060	23.509	ng	96
34) Hexachlorobutadiene	11.23	225	91503	37.998	ng	97
35) Caprolactam	11.87	113	64852m	43.278	ng	
36) 4-Chloro-3-methylphenol	12.18	107	188027	44.623	ng	98
37) 2-Methylnaphthalene	12.57	142	358920	44.558	ng	98
38) 1-Methylnaphthalene	12.79	142	346272	44.266	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	185122	37.745	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	226449	96.659	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	144927	44.230	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	160670	45.037	ng	99
46) 1,1'-Biphenyl	13.57	154	467779	37.147	ng	98
47) 2-Chloronaphthalene	13.62	162	376008	39.468	ng	98
48) 2-Nitroaniline	13.82	65	127753	44.220	ng	95
49) Acenaphthylene	14.46	152	626463	43.714	ng	99
50) Dimethylphthalate	14.18	163	495040	42.084	ng	99
51) 2,6-Dinitrotoluene	14.32	165	114019	43.816	ng	93
52) Acenaphthene	14.80	154	361170	40.921	ng	98
53) 3-Nitroaniline	14.65	138	98663	34.153	ng	# 96
54) 2,4-Dinitrophenol	14.85	184	103479	85.627	ng	94
55) Dibenzofuran	15.13	168	590081	40.353	ng	99
56) 4-Nitrophenol	14.95	139	271311	126.881	ng	99
57) 2,4-Dinitrotoluene	15.10	165	163212	47.781	ng	94
58) Fluorene	15.78	166	482481	44.060	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	140101	45.867	ng	99
60) Diethylphthalate	15.54	149	518071	42.899	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	251915	39.468	ng	96
62) 4-Nitroaniline	15.82	138	128384	44.725	ng	89
63) Azobenzene	16.06	77	480099	41.666	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84994	43.843	ng	99
66) n-Nitrosodiphenylamine	15.99	169	450979	39.754	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	159212	38.443	ng	98
68) Hexachlorobenzene	16.77	284	163562	38.105	ng	96
69) Atrazine	16.93	200	170014	41.451	ng	98
70) Pentachlorophenol	17.12	266	203384	70.738	ng	96
71) Phenanthrene	17.52	178	815436	42.543	ng	100
72) Anthracene	17.62	178	825510	43.887	ng	99
73) Carbazole	17.89	167	756939	40.230	ng	100
74) Di-n-butylphthalate	18.42	149	909538	43.455	ng	99
75) Fluoranthene	19.53	202	949842	43.693	ng	98
77) Benzidine	19.71	184	401161	34.544	ng	99
78) Pyrene	19.89	202	942754	42.226	ng	99
80) Butylbenzylphthalate	20.76	149	408487	44.705	ng	99
81) Benzo(a)anthracene	21.74	228	884368	43.777	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	228053	29.125	ng	98
83) Chrysene	21.81	228	811258	41.763	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	566635	44.241	ng	99
85) Di-n-octyl phthalate	22.87	149	967128	46.306	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	894303	42.924	ng	98
88) Benzo(b)fluoranthene	24.03	252	869312	44.365	ng	100
89) Benzo(k)fluoranthene	24.11	252	812520	42.324	ng	98
90) Benzo(a)pyrene	24.94	252	828683	44.506	ng	100
91) Dibenzo(a,h)anthracene	28.99	278	719978	41.920	ng	97
92) Benzo(g,h,i)perylene	30.12	276	725387	41.747	ng	99

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

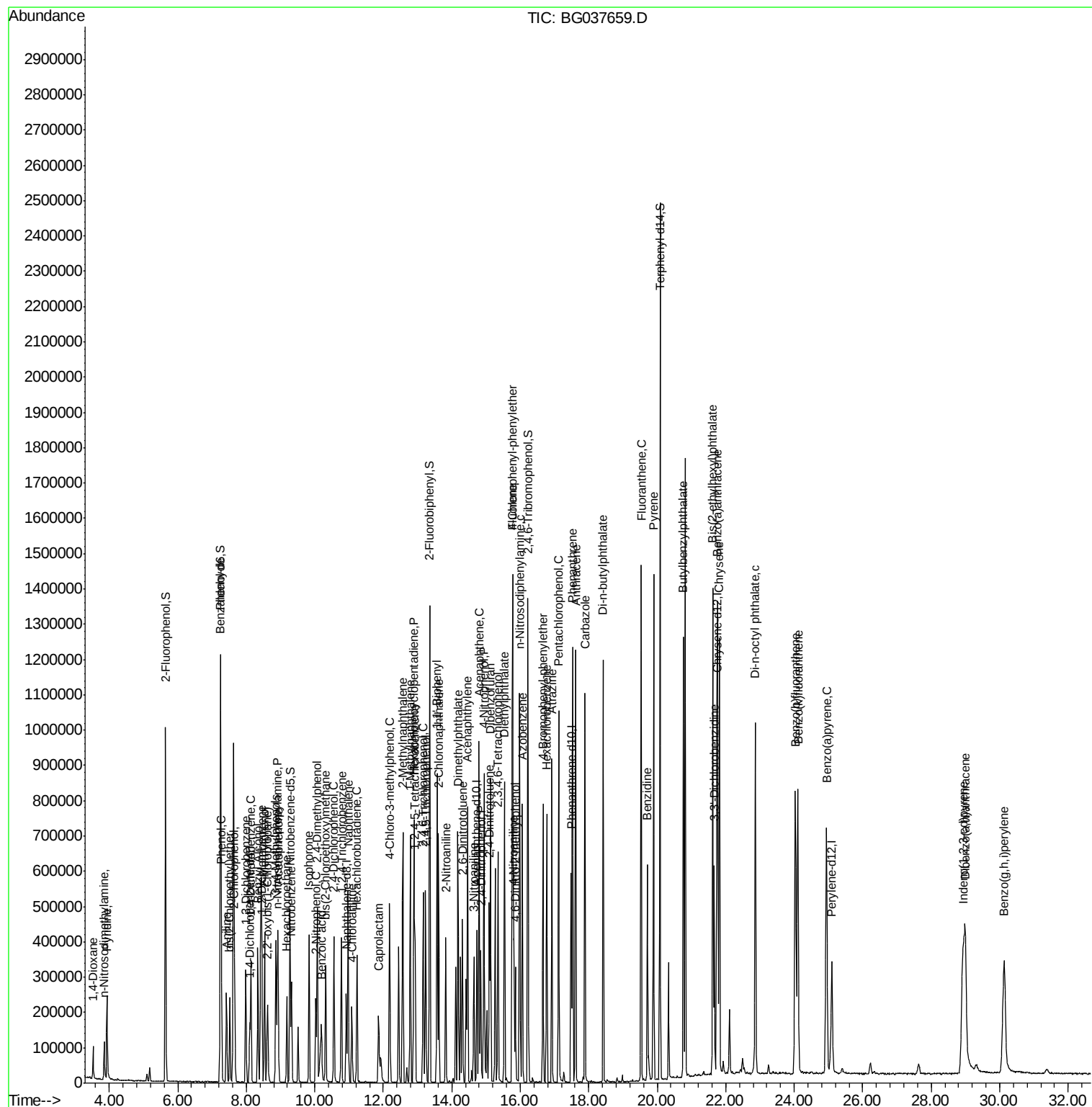
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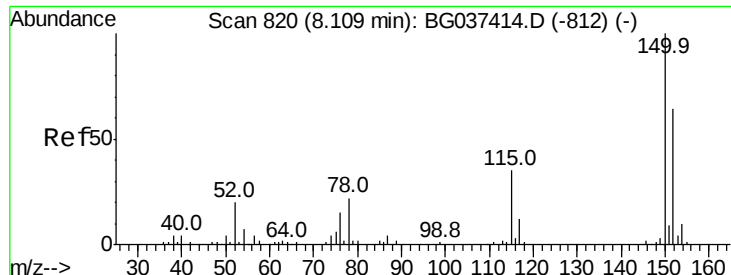
Instrument :
BNA_G
ClientSampled :
PB114322BS

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#1

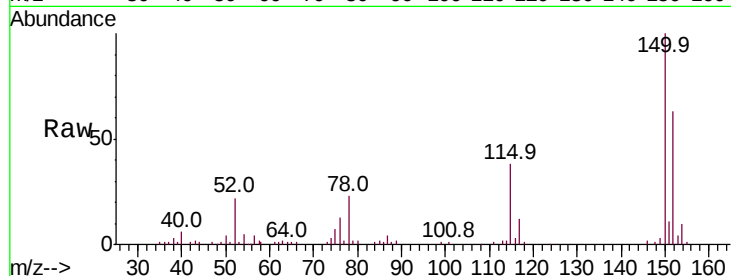
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	59.5	45.5	68.3

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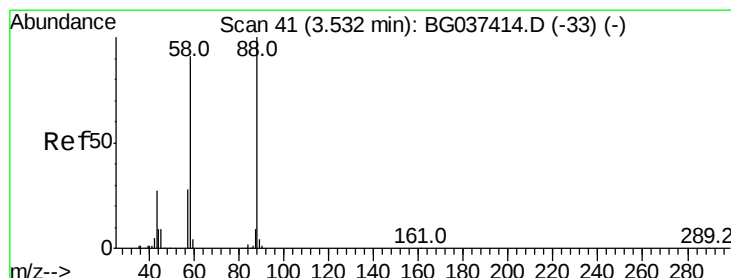
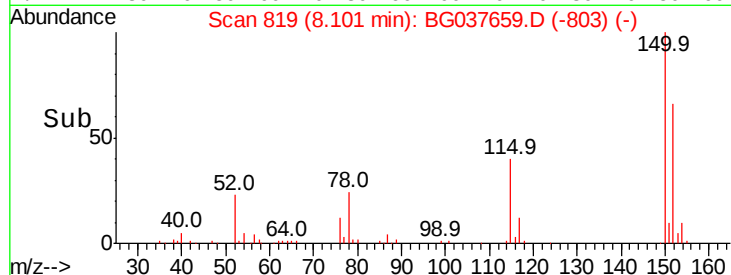
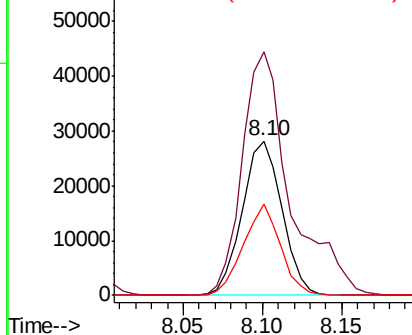


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

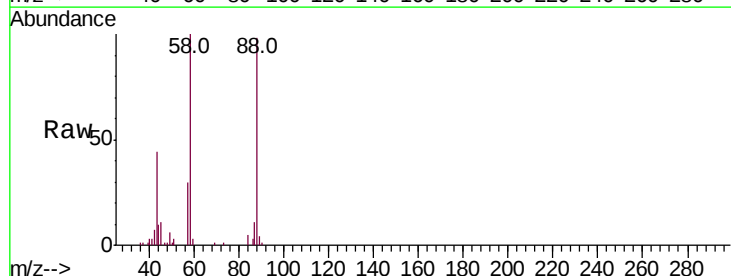
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.328 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	74.4	111.6
43	32.1	25.8	38.8

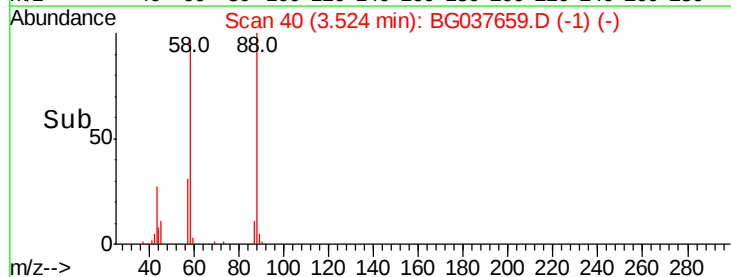
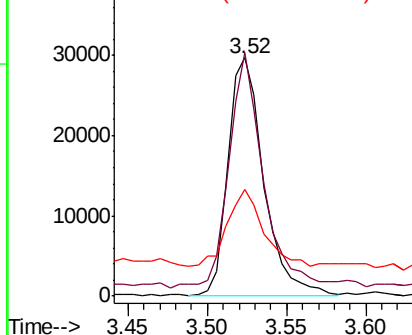


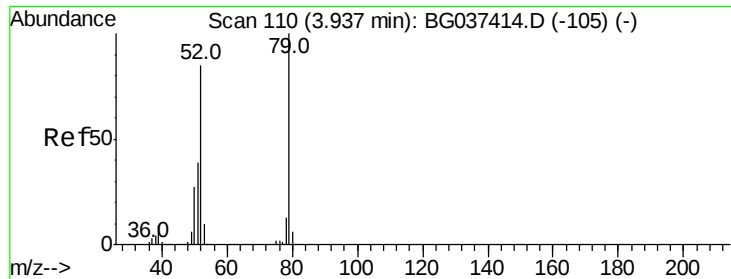
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.067 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

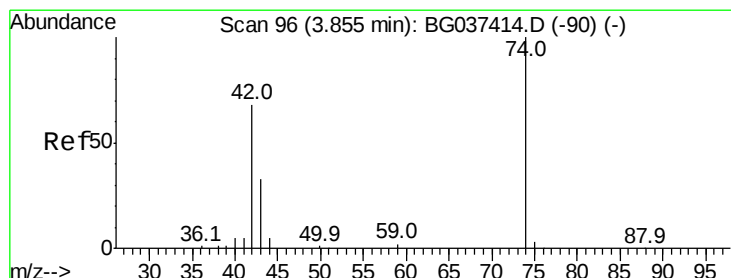
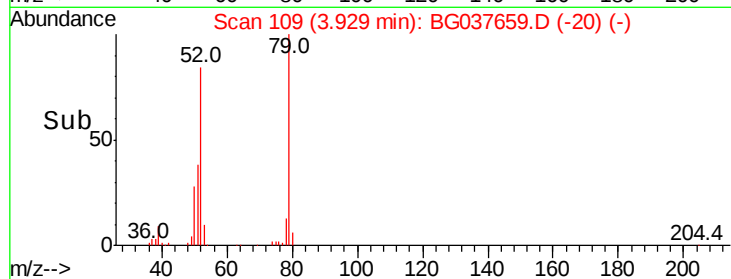
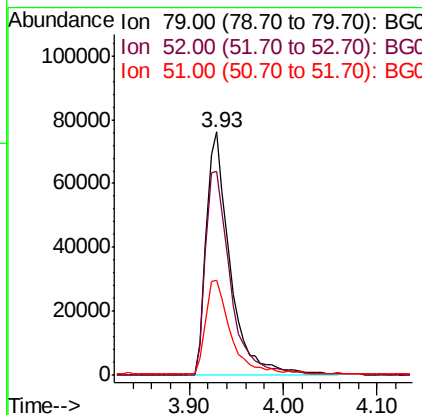
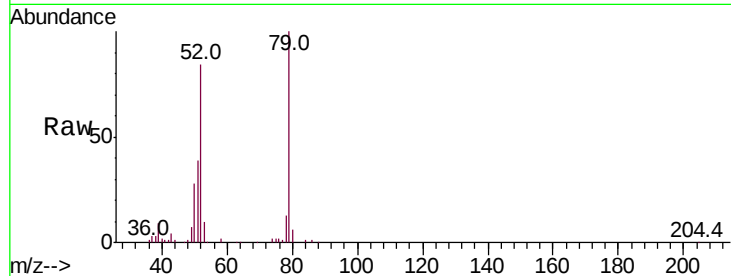
ClientSampleId :

PB114322BS

Tot Ion:	79	Resp:	134952
Ion Ratio	Lower	Upper	
79	100		
52	83.5	74.2	111.2
51	39.1	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 44.733 ng

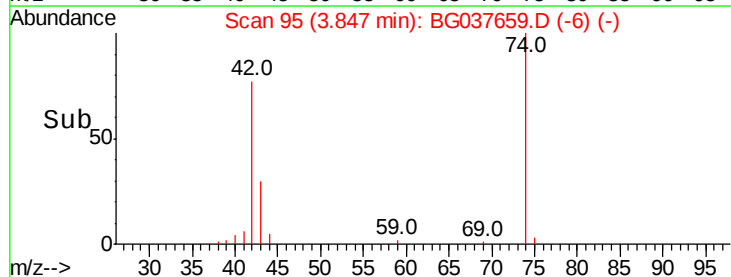
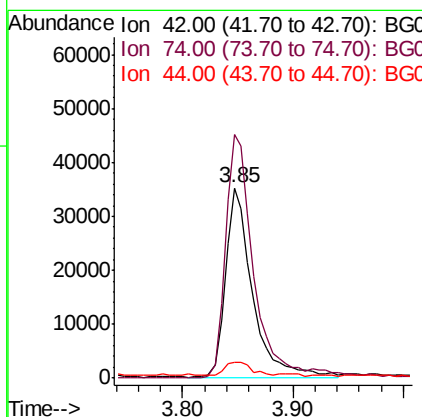
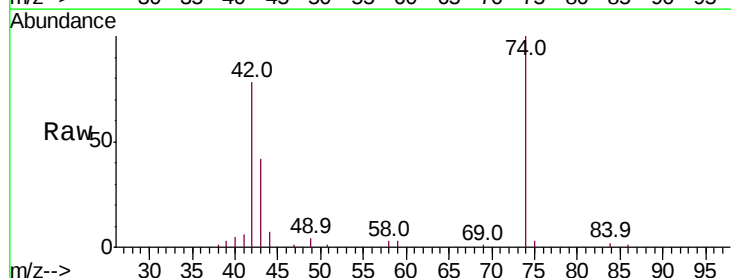
RT: 3.85 min Scan# 95

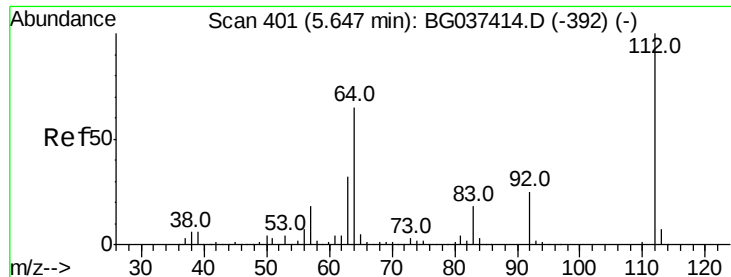
Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	42	Resp:	59617
Ion Ratio	Lower	Upper	
42	100		
74	128.1	102.0	153.0
44	8.5	9.6	14.4





#5

2-Fluorophenol

Concen: 158.503 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

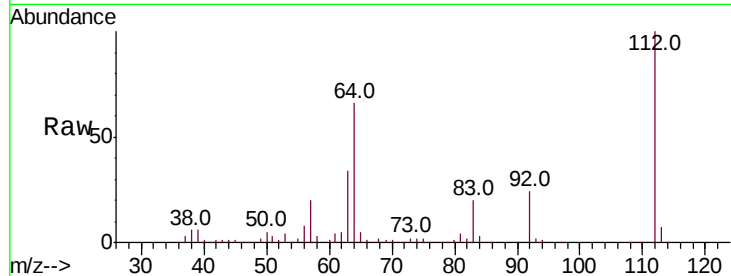
ClientSampleId :

PB114322BS

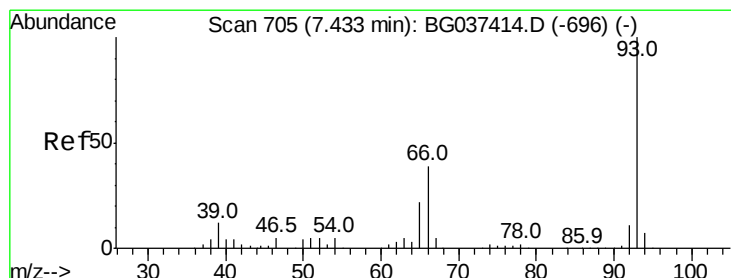
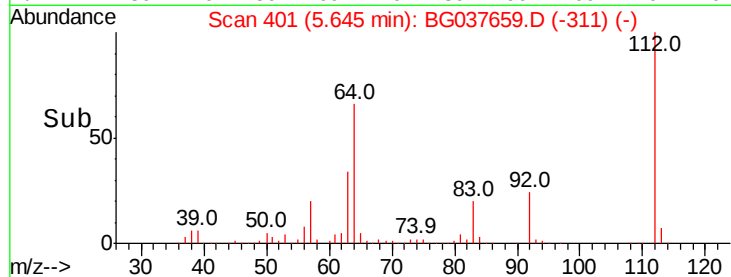
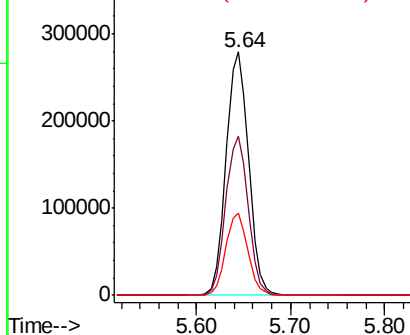
Tot Ion:	112	Resp:	463995
Ion Ratio	Lower	Upper	
112	100		
64	65.6	53.1	79.7
63	34.0	27.3	40.9

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



#6

Aniline

Concen: 32.503 ng

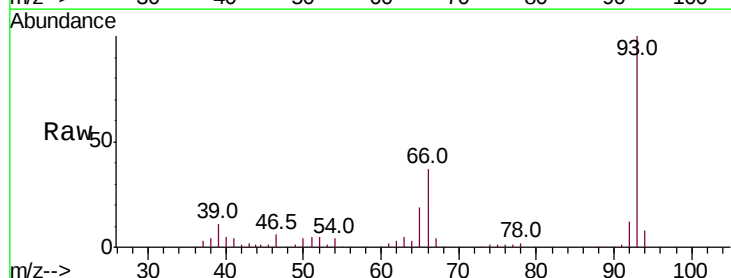
RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

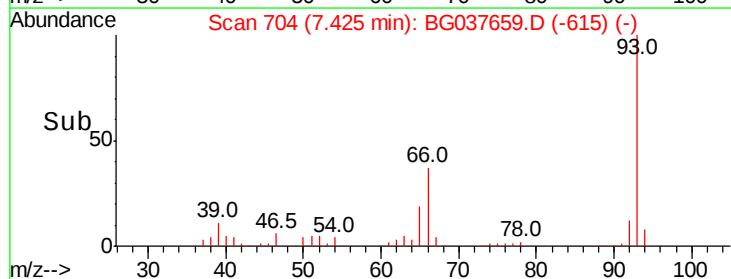
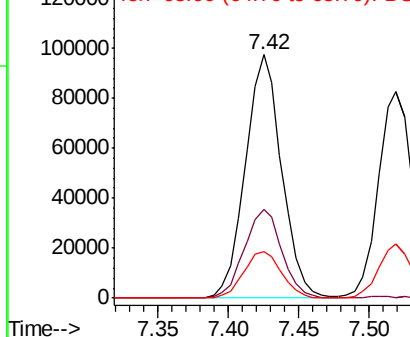
Lab File: BG037659.D

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Tgt Ion:	93	Resp:	175517
Ion Ratio	Lower	Upper	
93	100		
66	36.6	32.8	49.2
65	19.0	16.4	24.6



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





#7

Phenol-d6

Concen: 150.082 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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Instrument :

BNA_G

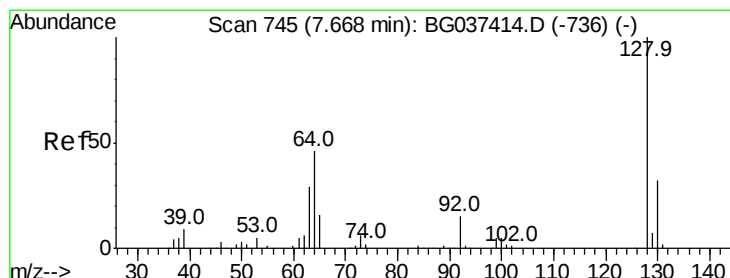
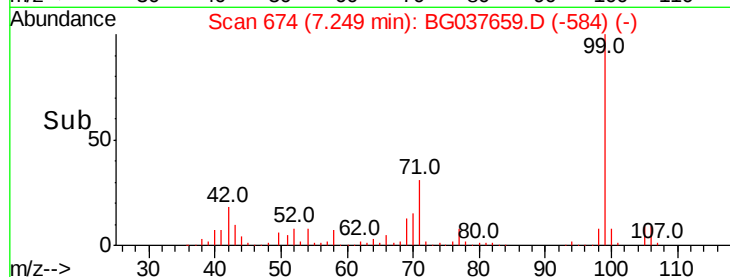
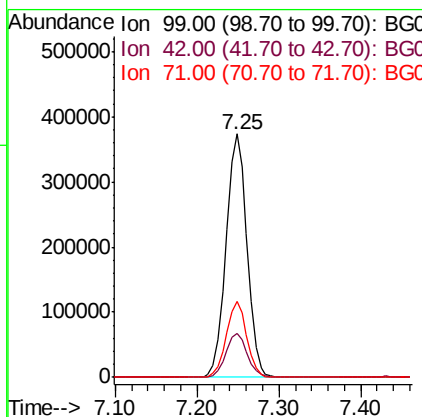
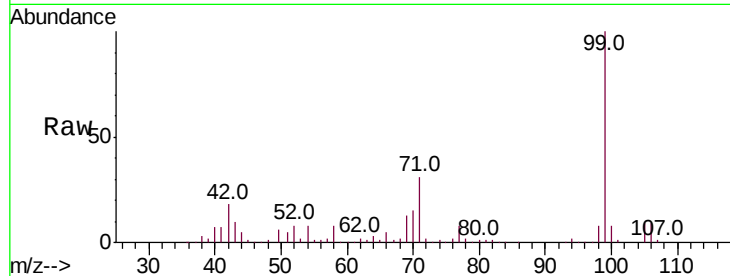
ClientSampleId :

PB114322BS

Tot Ion:	99	Resp:	664343
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.0	22.4
71	31.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 44.823 ng

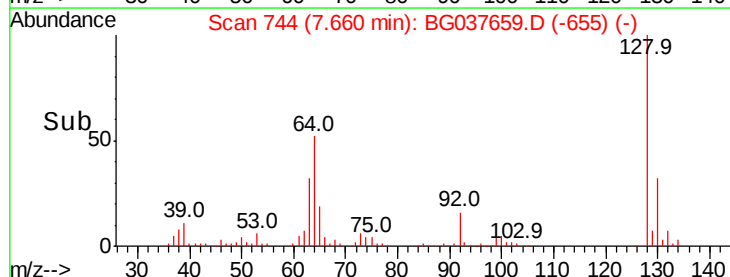
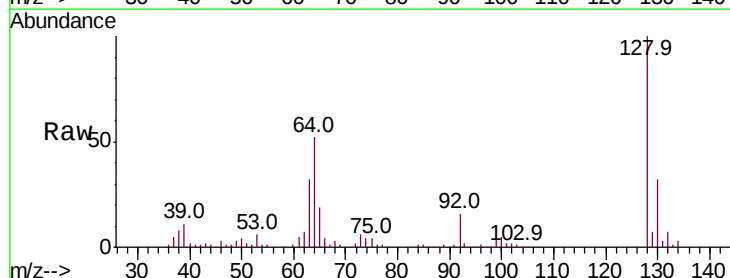
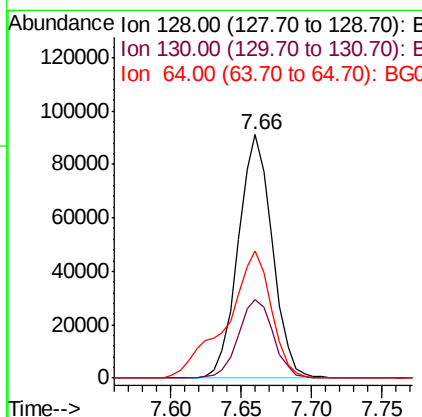
RT: 7.66 min Scan# 744

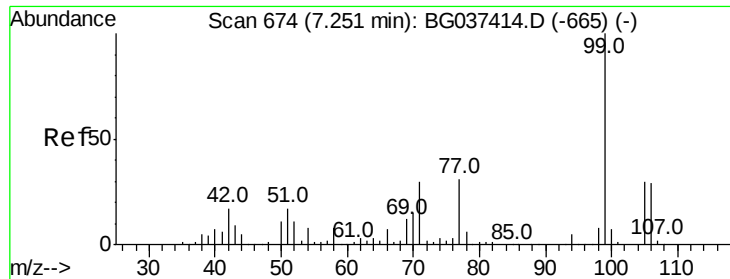
Delta R.T. -0.01 min

Lab File: BG037659.D

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Tgt Ion:	128	Resp:	153500
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	52.0	32.9	72.9





#9

Benzaldehyde

Concen: 29.096 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

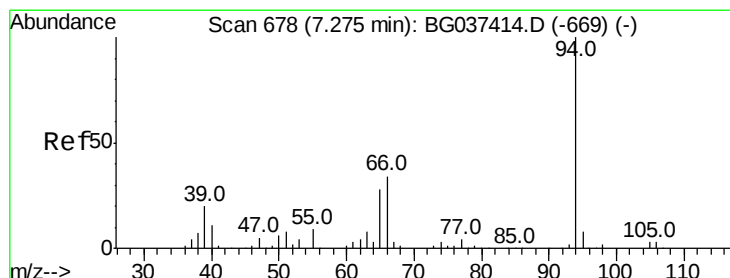
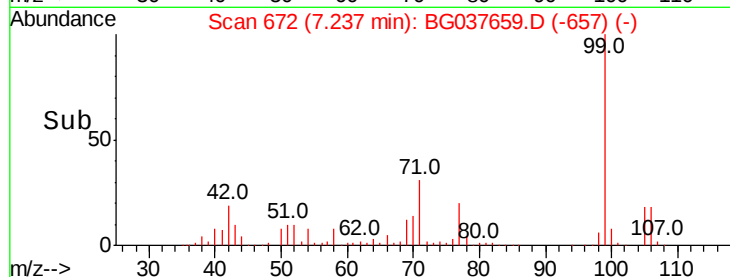
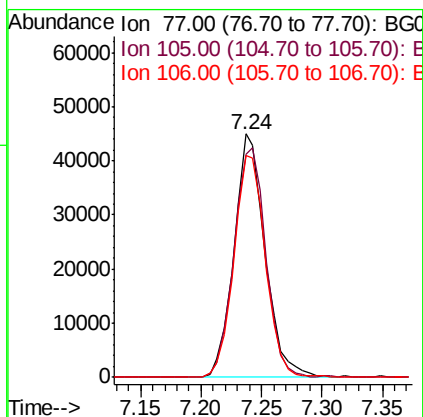
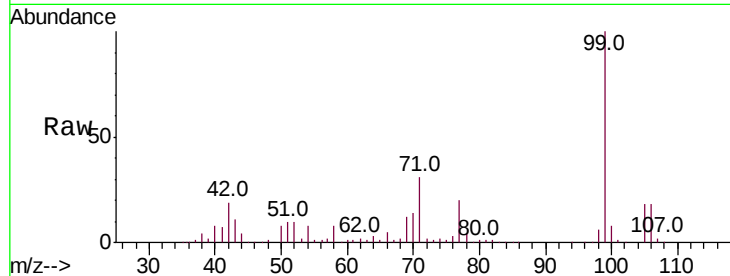
ClientSampleId :

PB114322BS

Tot Ion:	77	Resp:	80565
Ion	Ratio	Lower	Upper
77	100		
105	91.9	72.6	112.6
106	91.1	71.3	111.3

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#10

Phenol

Concen: 44.930 ng

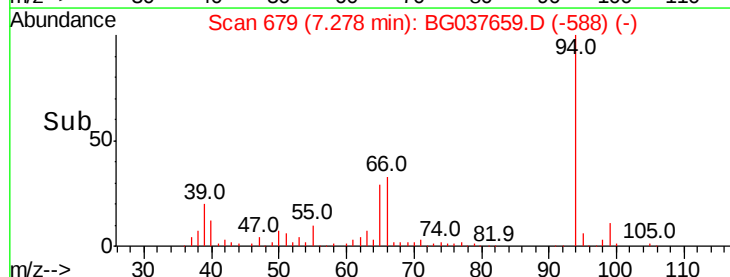
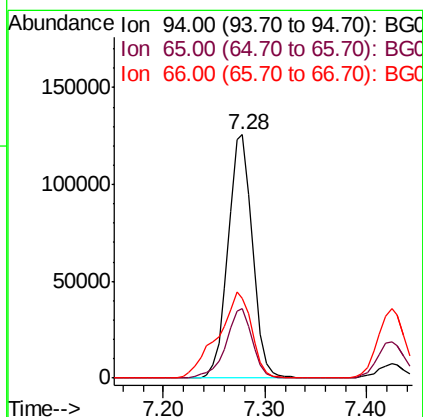
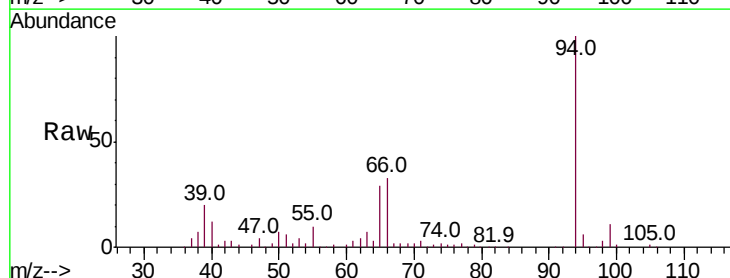
RT: 7.28 min Scan# 679

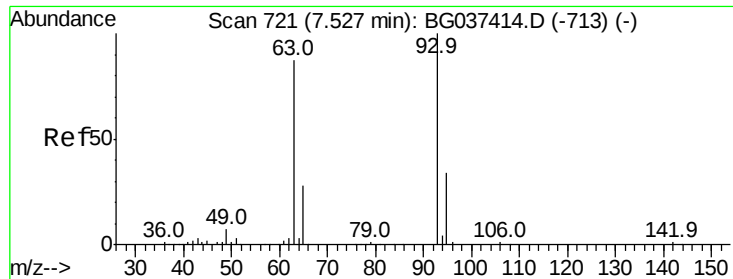
Delta R.T. 0.00 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	94	Resp:	209845
Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.7	49.7
66	32.8	15.9	55.9





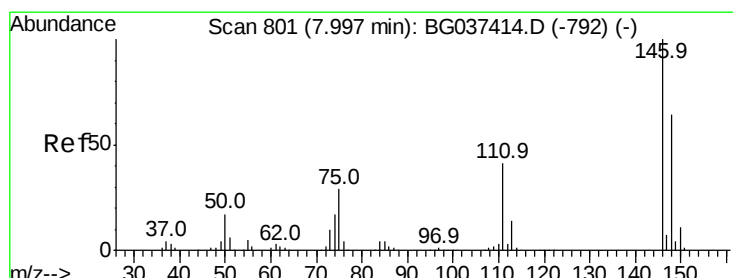
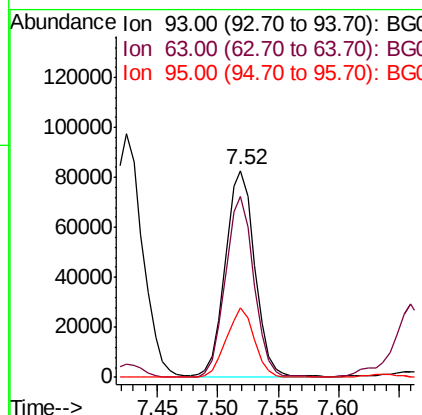
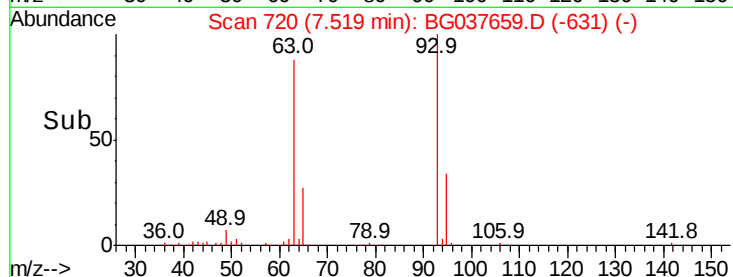
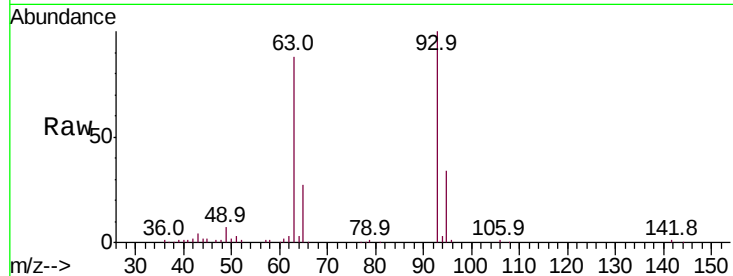
#11
bis(2-Chloroethyl)ether
Concen: 39.533 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.5	109.5
95	34.0	12.6	52.6

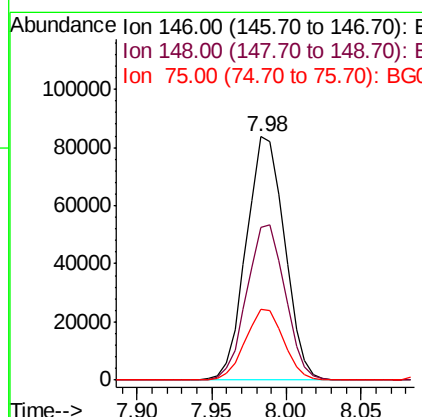
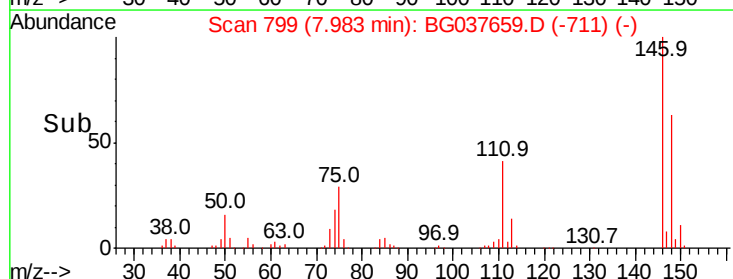
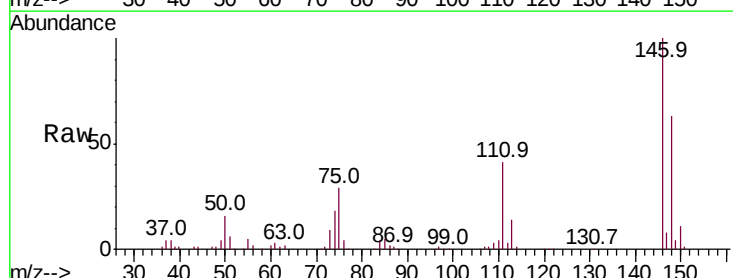
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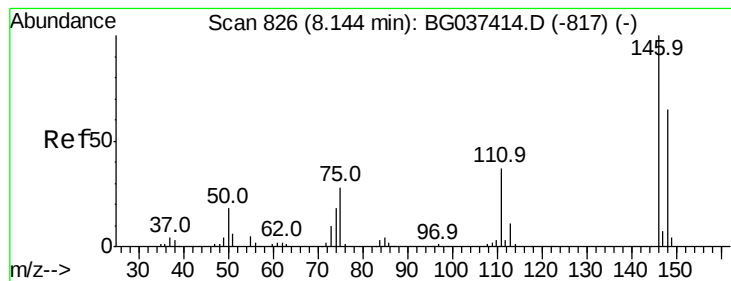
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#12
1,3-Dichlorobenzene
Concen: 39.079 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.8
75	29.3	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 39.576 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

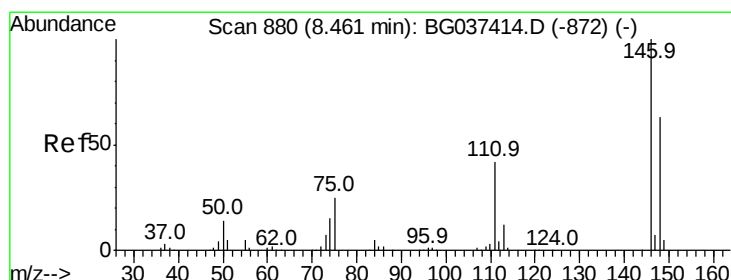
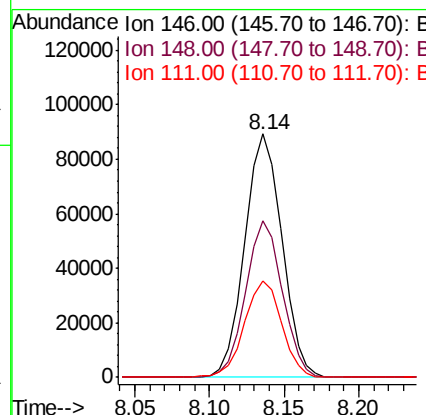
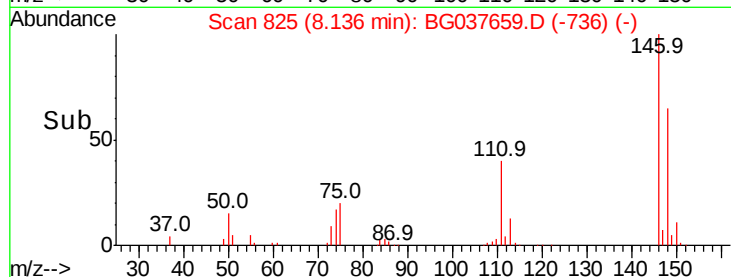
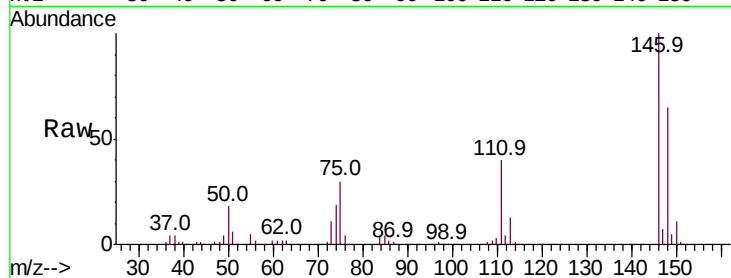
ClientSampleId :

PB114322BS

Tot Ion:	146	Resp:	154339
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
111	39.7	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 39.274 ng

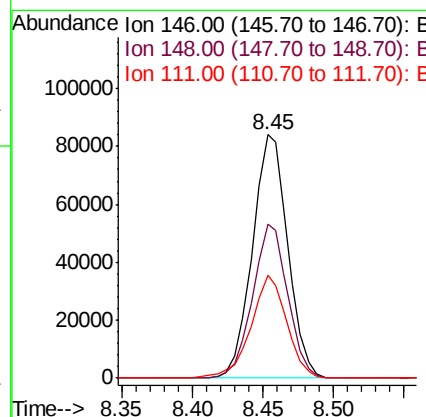
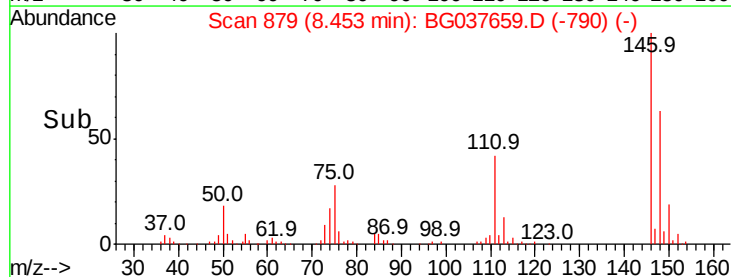
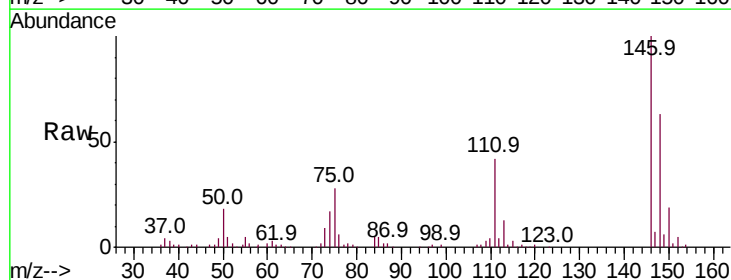
RT: 8.45 min Scan# 879

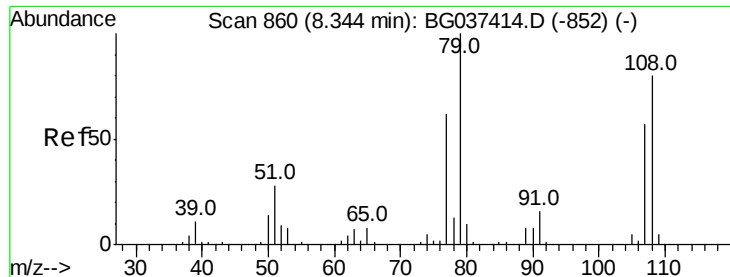
Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	146	Resp:	147330
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
111	42.0	34.6	51.8





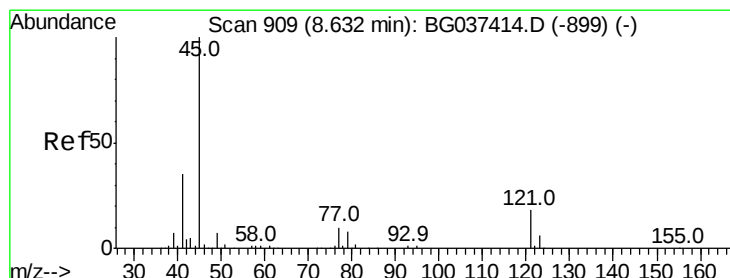
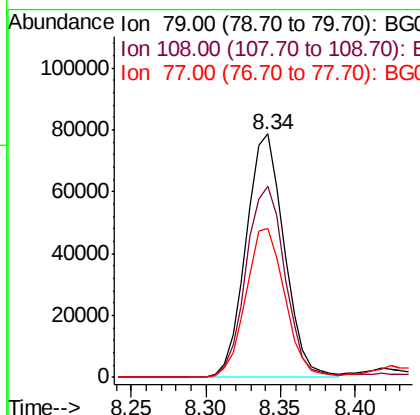
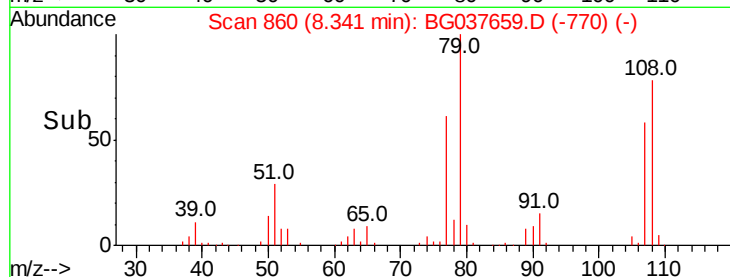
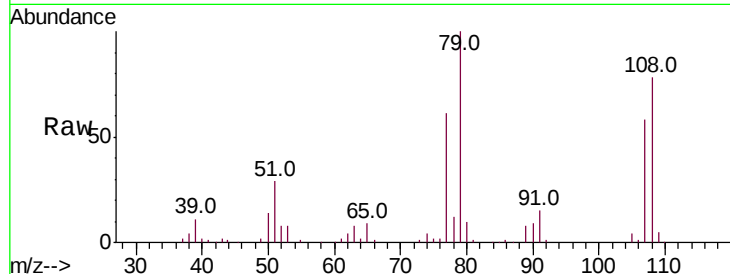
#15
Benzyl Alcohol
Concen: 42.684 ng
RT: 8.34 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampled :
PB114322BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	65.8	98.8
77	61.4	52.9	79.3

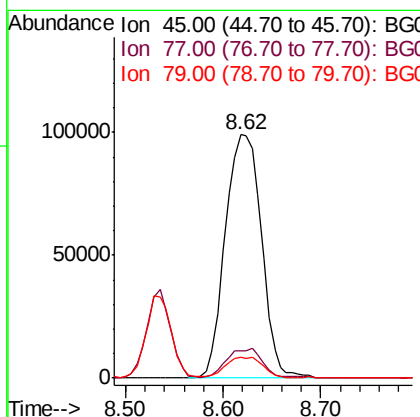
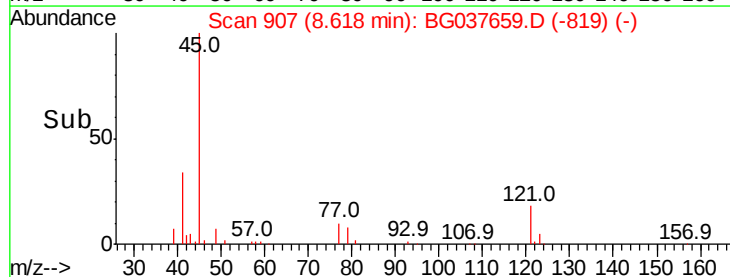
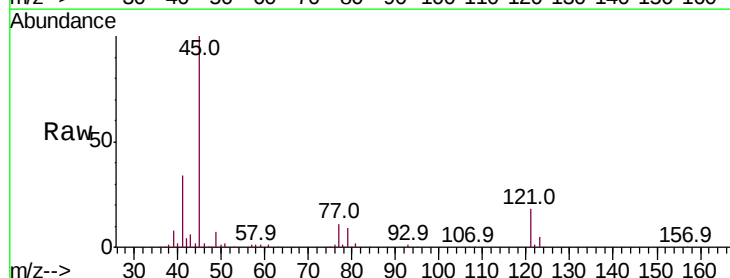
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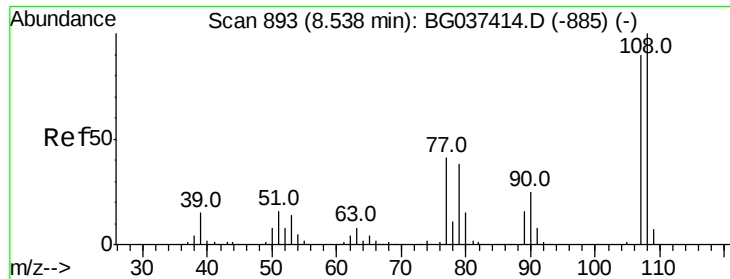
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.170 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.0
79	8.7	0.0	29.0





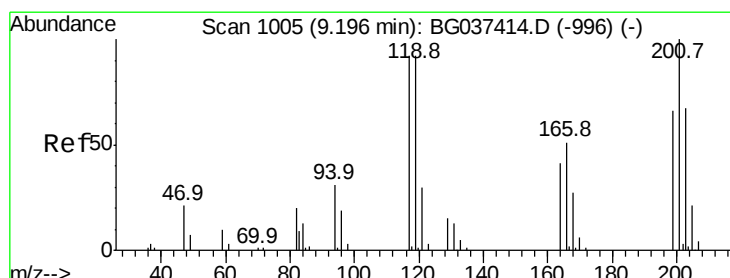
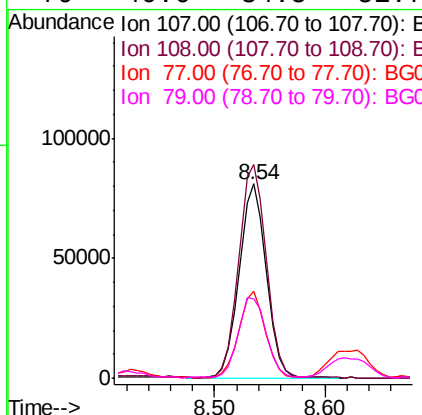
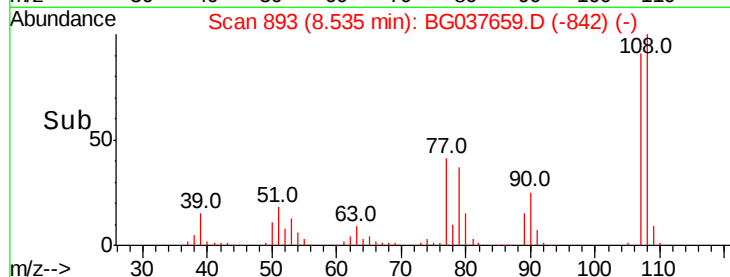
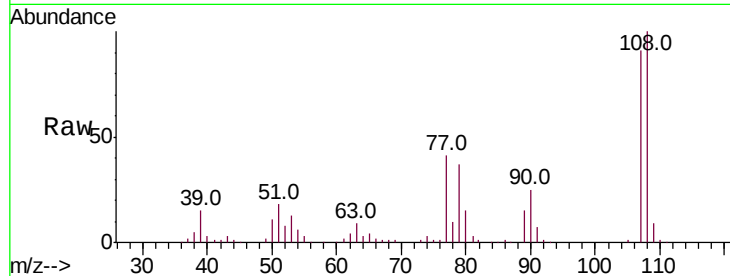
#17
2-Methylphenol
Concen: 45.517 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	87.9	131.9	
77	44.7	35.1	52.7	
79	40.6	34.5	51.7	

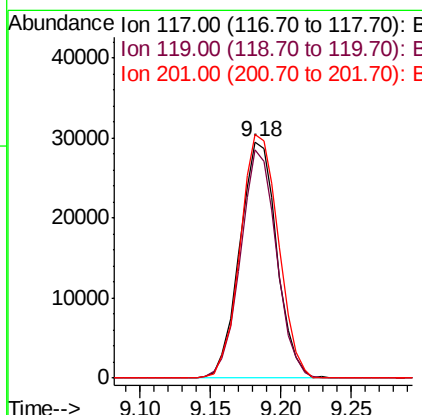
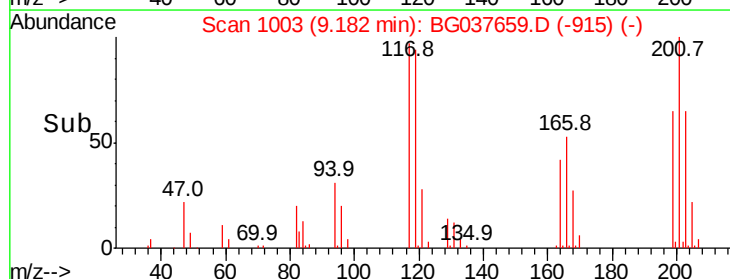
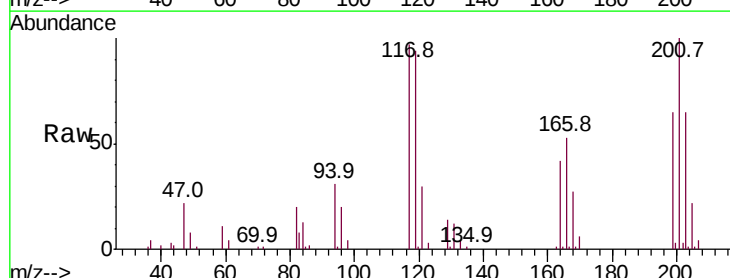
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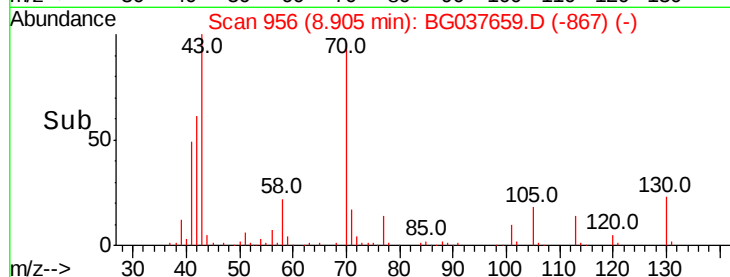
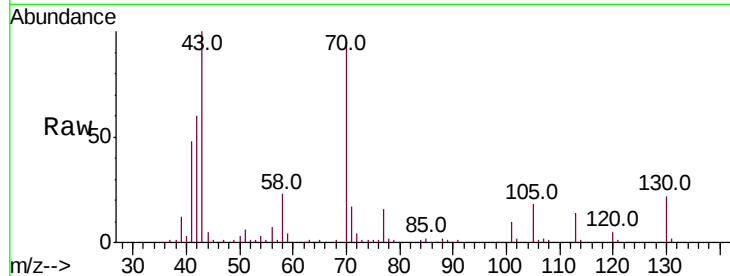
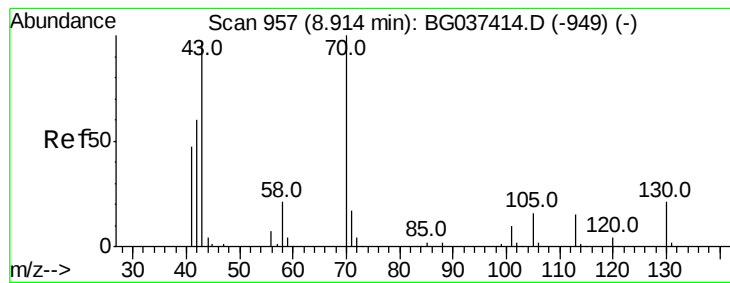
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#18
Hexachloroethane
Concen: 40.602 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	74.6	111.8	
201	103.0	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 38.354 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

ClientSampled :

PB114322BS

Tot Ion: 70 Resp: 116910

Ion Ratio Lower Upper

70 100

42 63.5 53.9 80.9

101 10.0 8.2 12.2

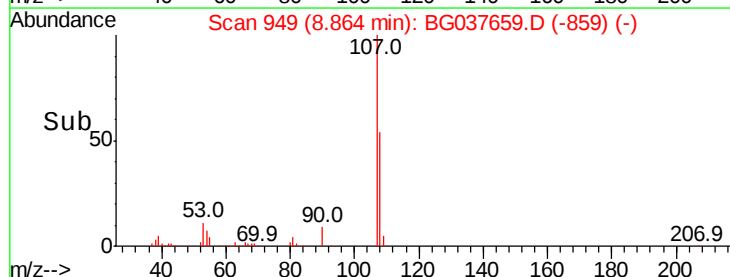
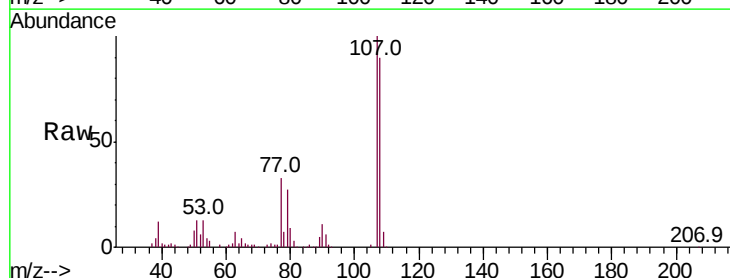
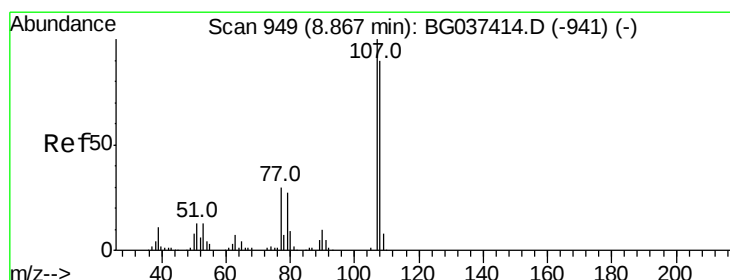
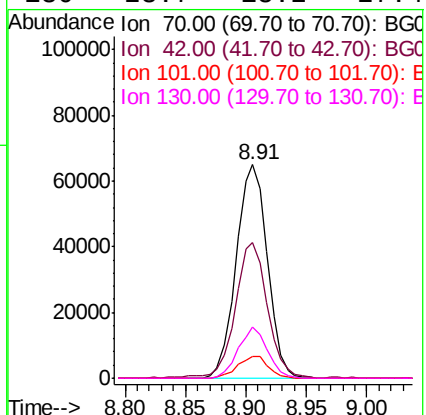
130 23.7 18.2 27.4

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#20

3+4-Methylphenols

Concen: 44.628 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion: 107 Resp: 197014

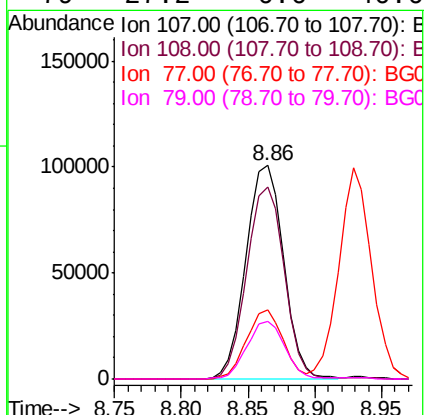
Ion Ratio Lower Upper

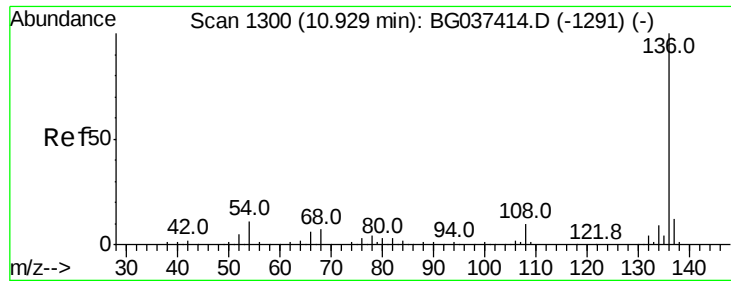
107 100

108 89.9 69.9 109.9

77 32.5 11.2 51.2

79 27.2 6.6 46.6





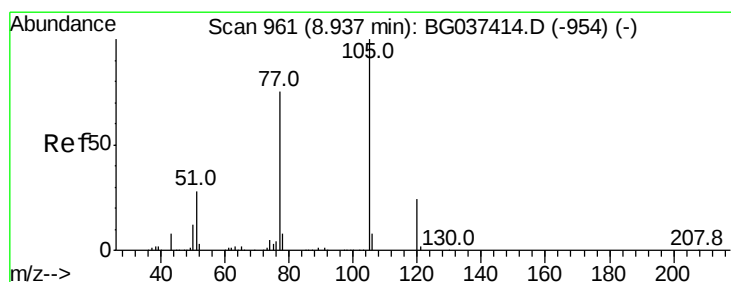
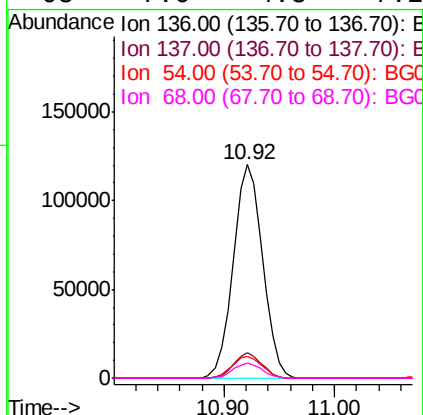
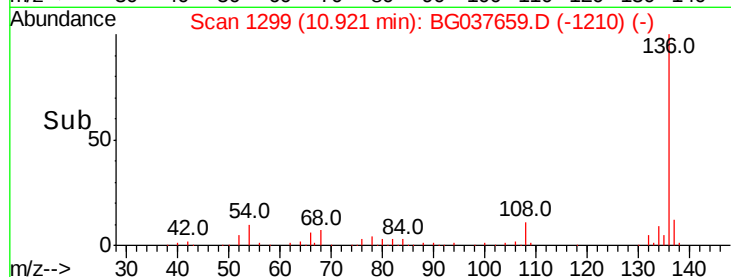
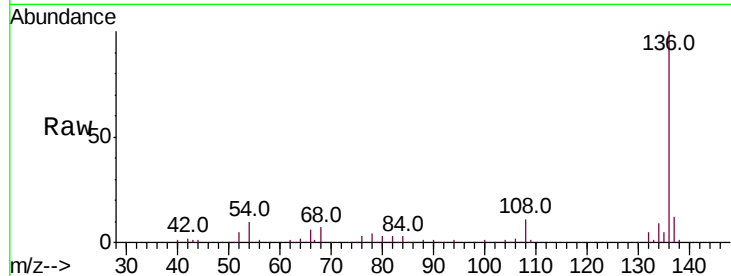
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	224972		
137	11.9		9.6	14.4
54	10.3		7.9	11.9
68	7.0		4.8	7.2

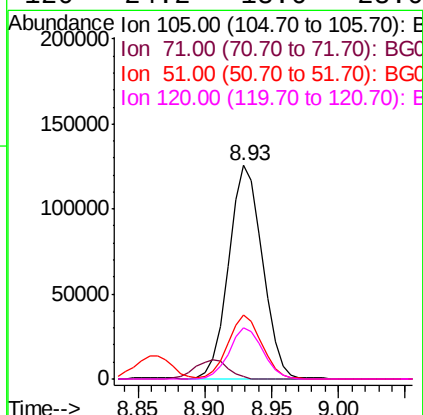
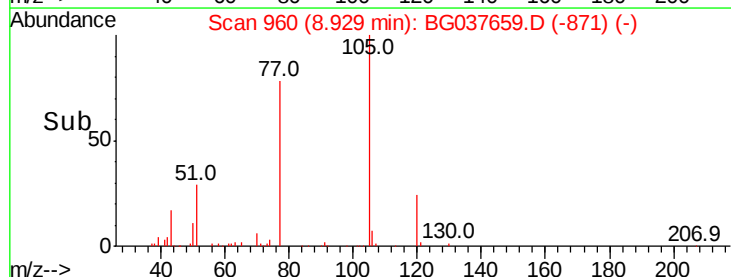
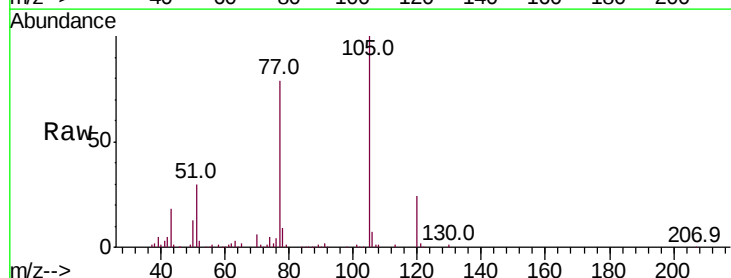
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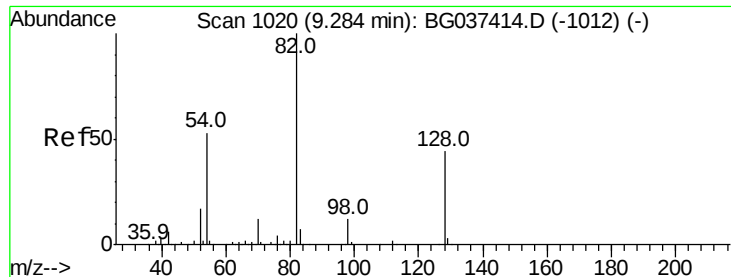
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#22
Acetophenone
Concen: 38.962 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219834		
71	1.0		1.2	1.8#
51	30.1		25.0	37.6
120	24.2		18.6	28.0





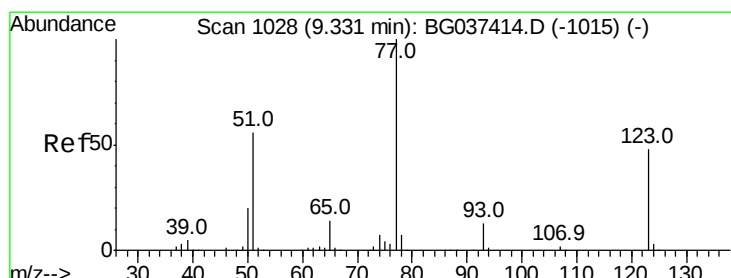
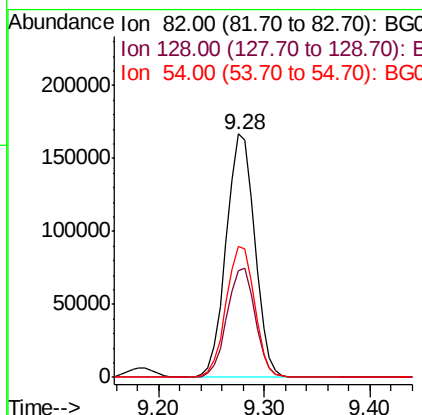
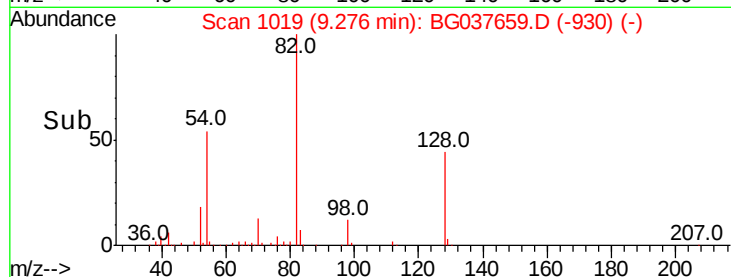
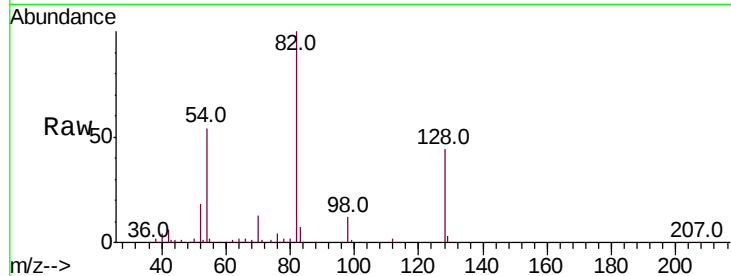
#23
Nitrobenzene-d5
Concen: 77.836 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.0	45.3	67.9

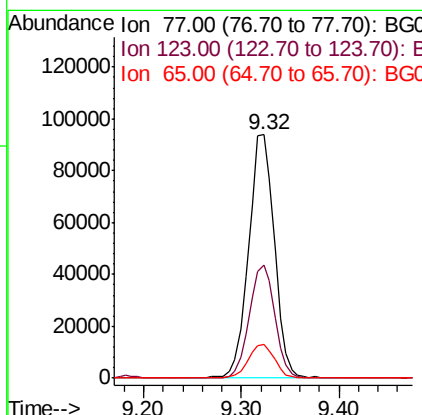
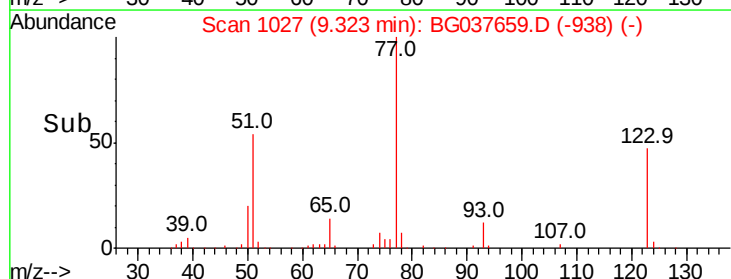
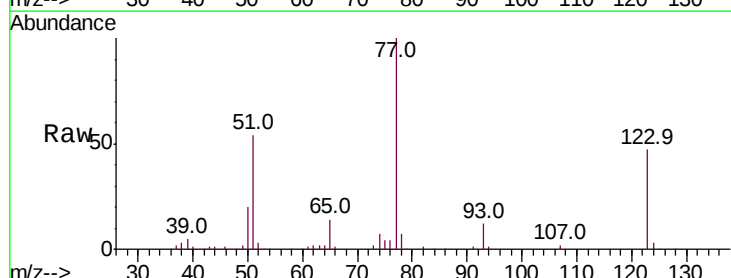
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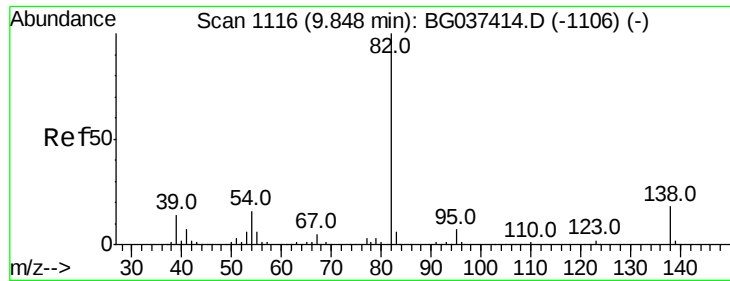
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#24
Nitrobenzene
Concen: 41.407 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	33.6	50.4
65	14.0	11.3	16.9





#25

Isophorone

Concen: 45.098 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

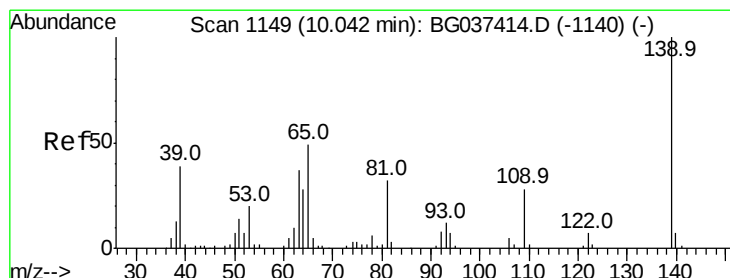
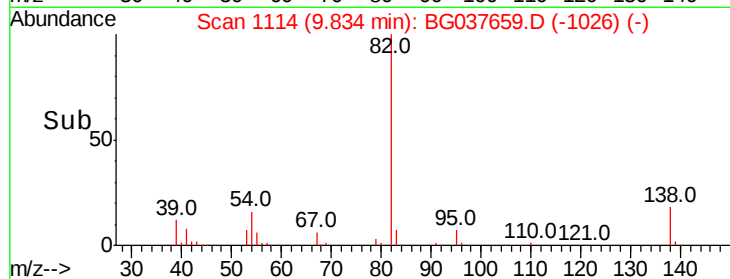
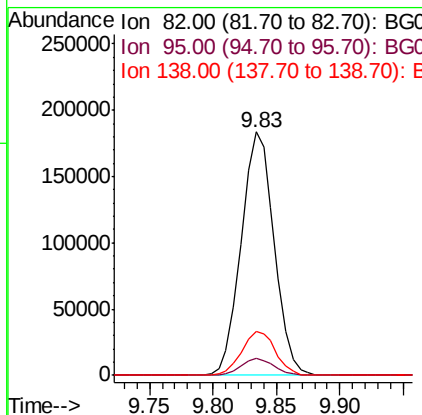
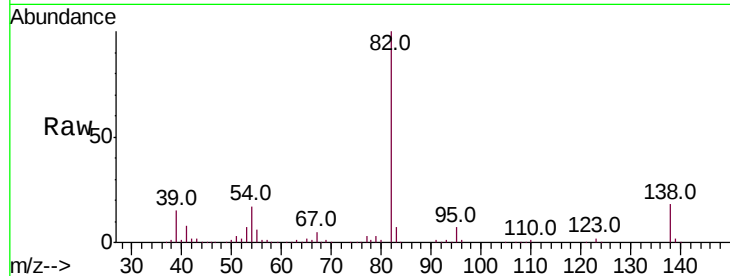
ClientSampleId :

PB114322BS

Tot Ion:	82	Resp:	330926
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.1	13.3	19.9

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#26

2-Nitrophenol

Concen: 46.211 ng

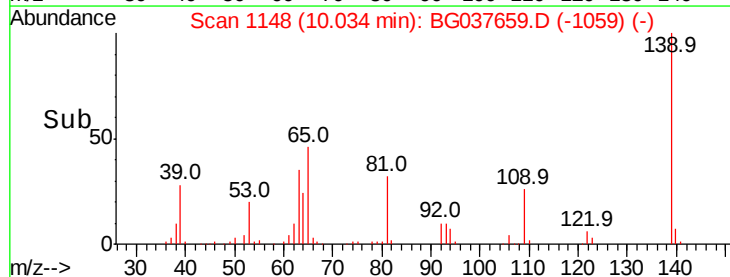
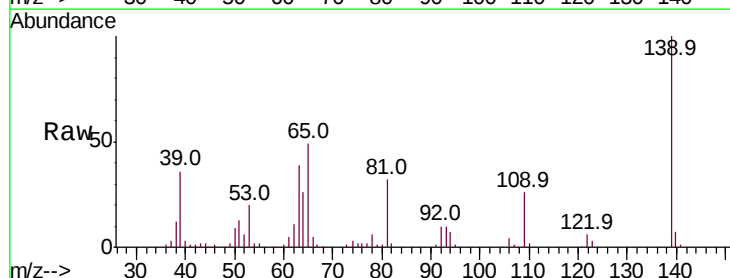
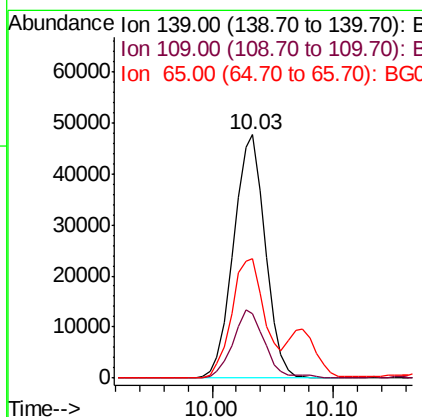
RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	139	Resp:	86852
Ion Ratio	Lower	Upper	
139	100		
109	26.3	23.3	34.9
65	49.2	39.8	59.8





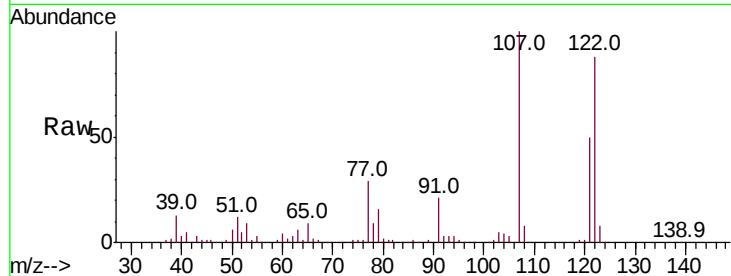
#27
2,4-Dimethylphenol
Concen: 50.768 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	170363		
107	113.9	94.2	141.2	
121	57.0	47.3	70.9	

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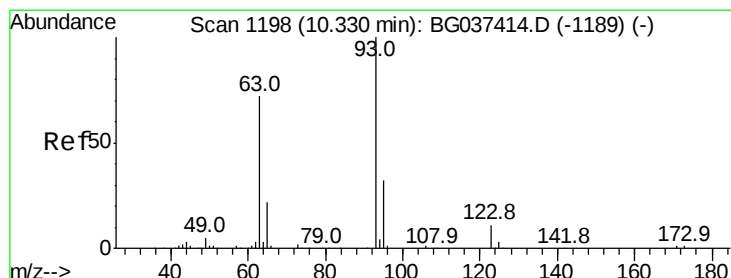
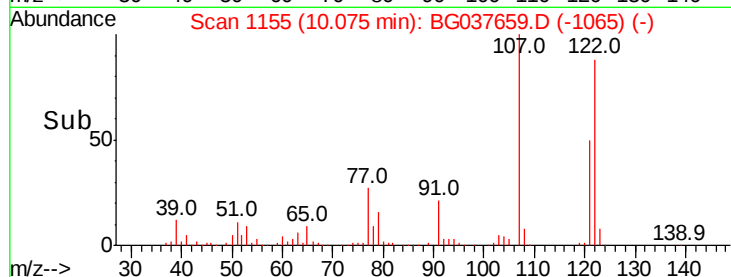
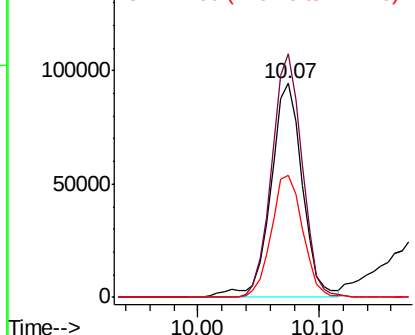


Abundance

Ion 122.00 (121.70 to 122.70): E

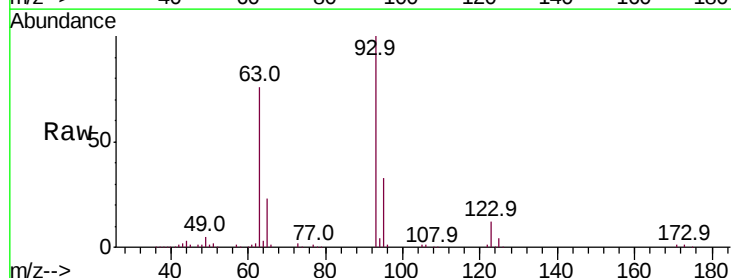
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.342 ng
RT: 10.32 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	203567		
95	33.0	24.6	37.0	
123	12.4	9.1	13.7	

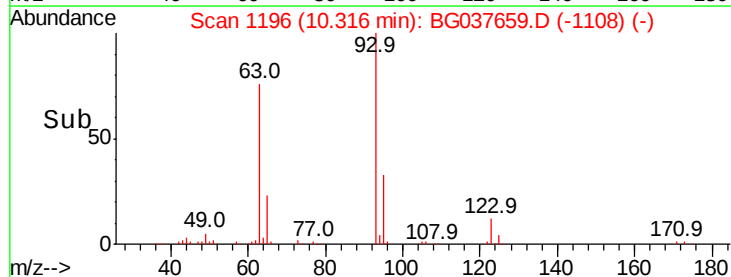
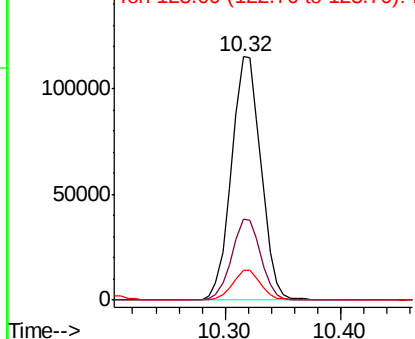


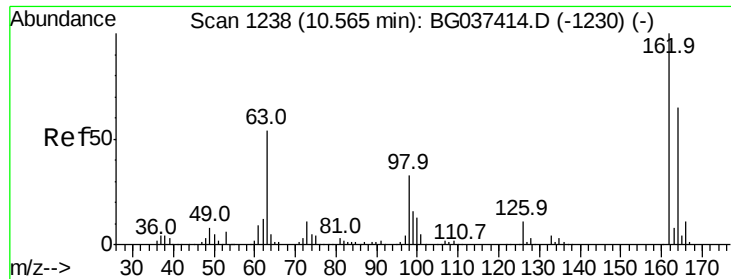
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





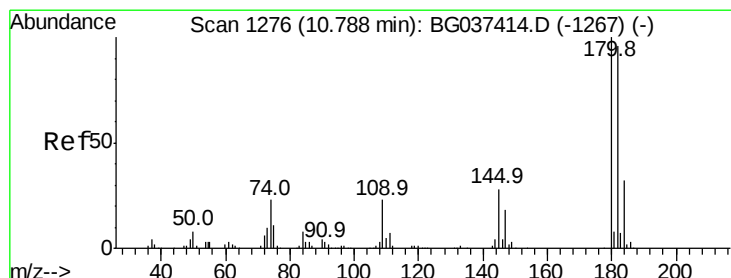
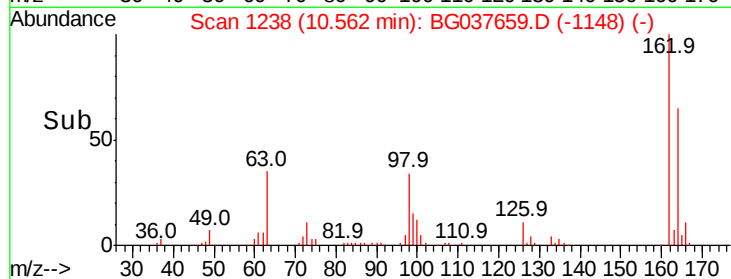
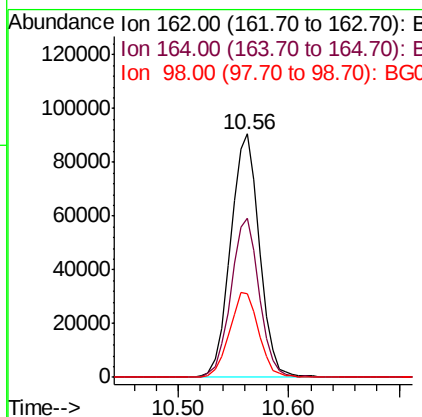
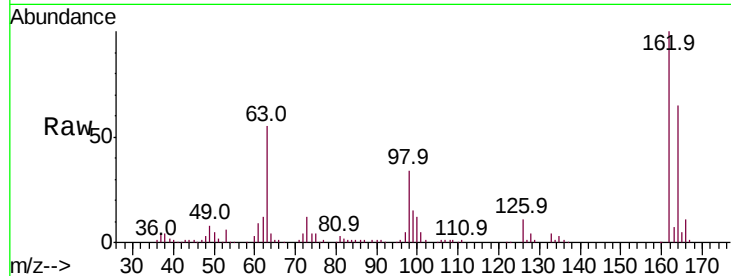
#29
 2,4-Dichlorophenol
 Concen: 44.468 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	166145		
164	65.3	43.2	83.2	
98	34.4	16.0	56.0	

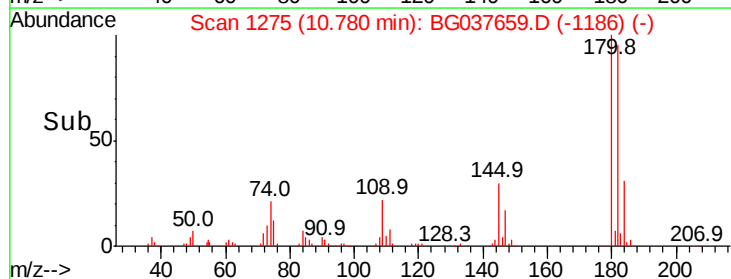
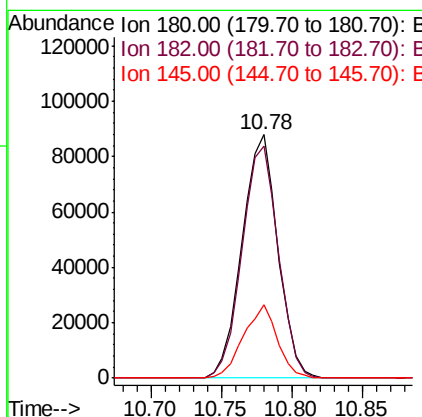
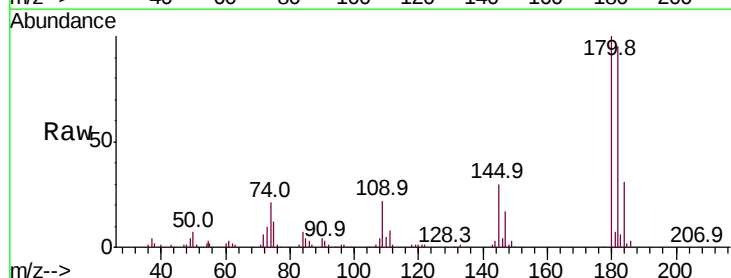
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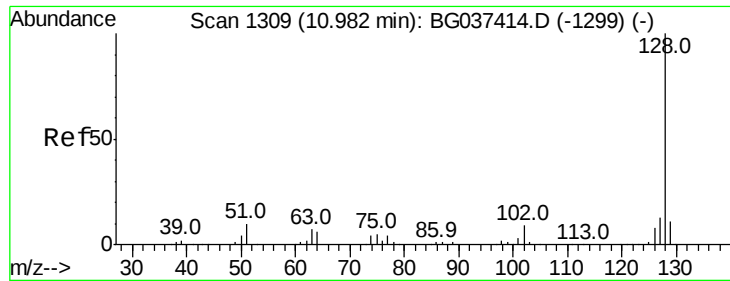
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.399 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156021		
182	95.2	77.7	116.5	
145	29.9	23.3	34.9	





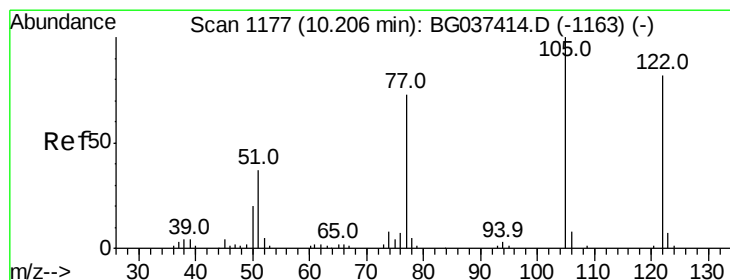
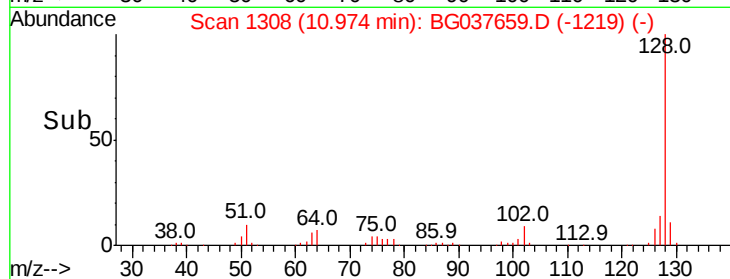
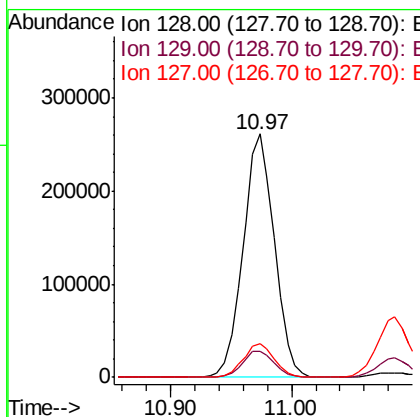
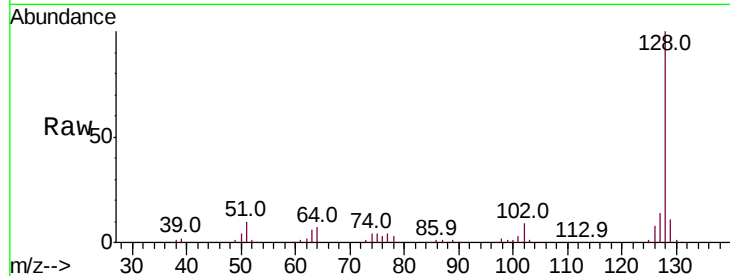
#31
Naphthalene
Concen: 42.655 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.8	11.1	16.7

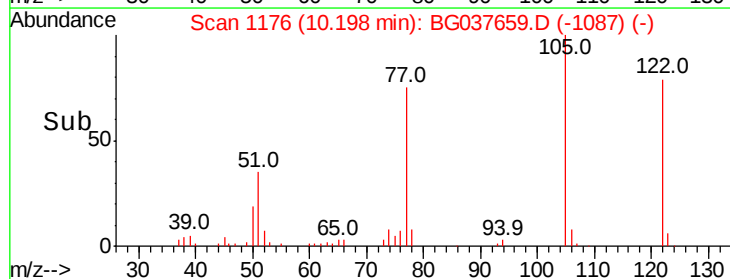
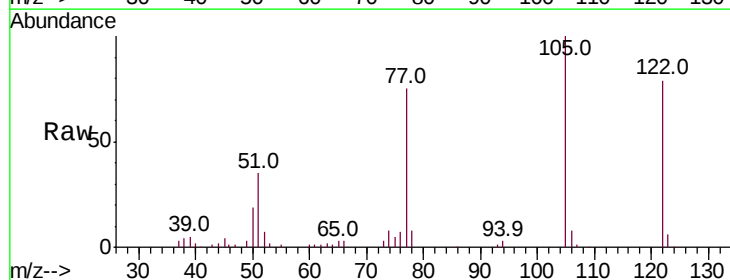
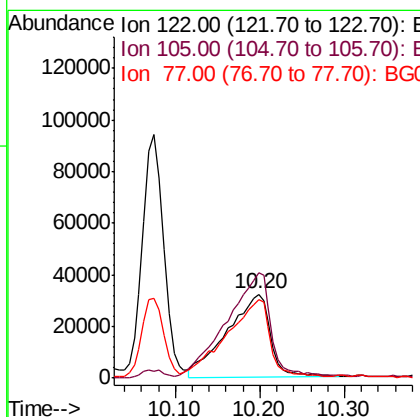
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#32
Benzoic acid
Concen: 51.995 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	106.7	146.7
77	94.1	72.2	112.2





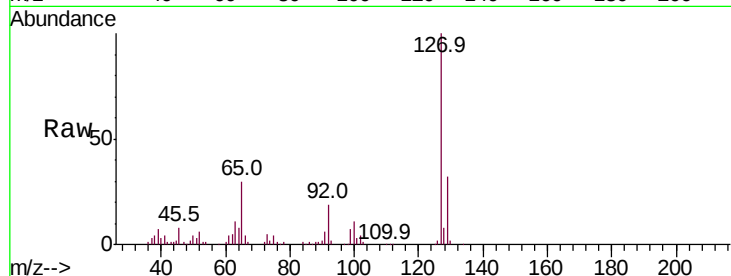
#33
4-Chloroaniline
Concen: 23.509 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampled :
PB114322BS

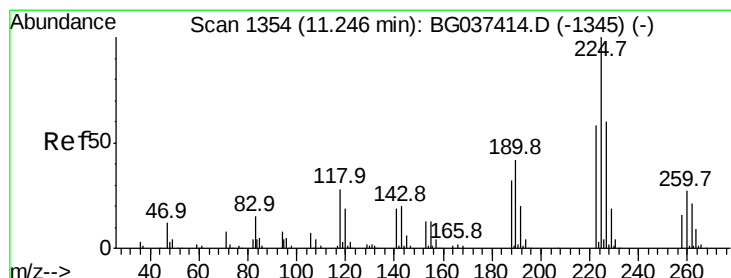
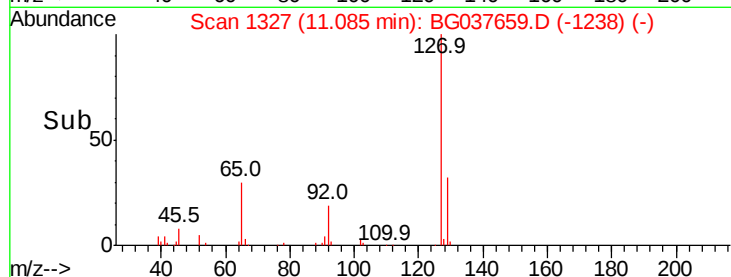
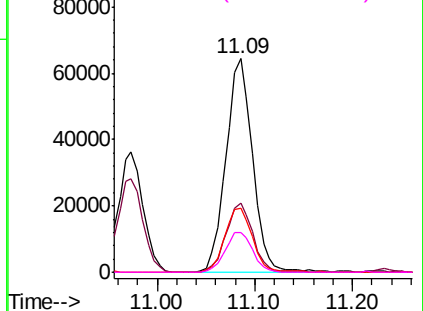
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	27.1	40.7	
65	30.1	26.6	39.8	
92	18.8	16.4	24.6	

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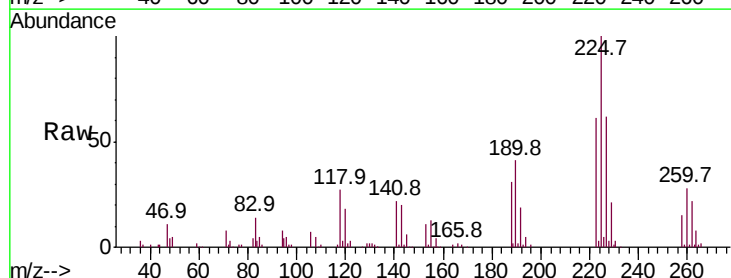


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

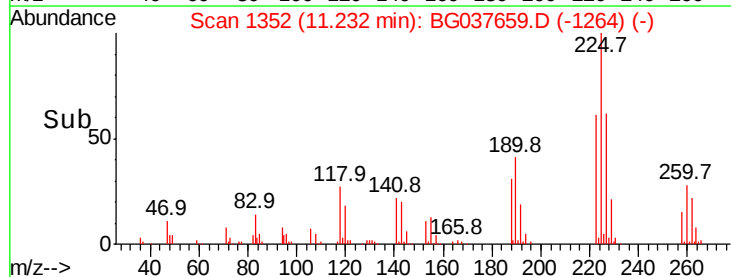
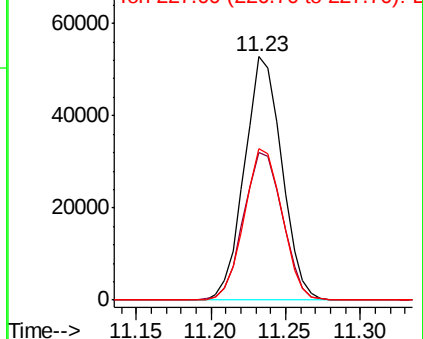


#34
Hexachlorobutadiene
Concen: 37.998 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.9	48.2	72.4	
227	62.4	51.6	77.4	



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





#35

Caprolactam

Concen: 43.278 ng/ml

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleID :

PB114322BS

Tot Ion:113 Resp: 64852

Ion Ratio Lower Upper

113 100

55 212.2 176.6 216.6

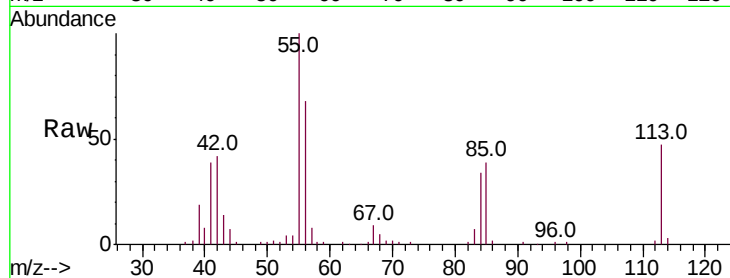
56 144.9 128.3 168.3

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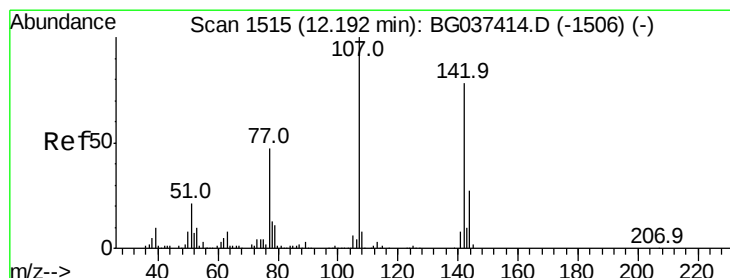
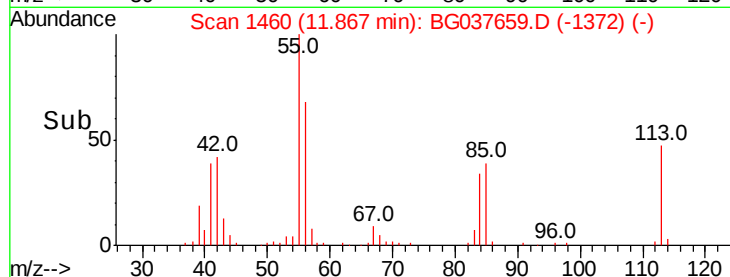
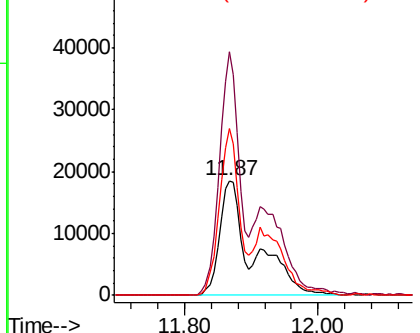
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.623 ng/ml

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

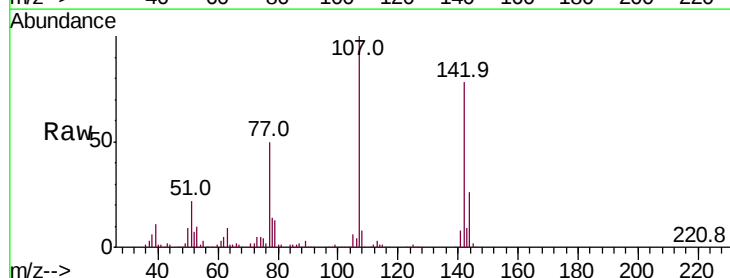
Tgt Ion:107 Resp: 188027

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

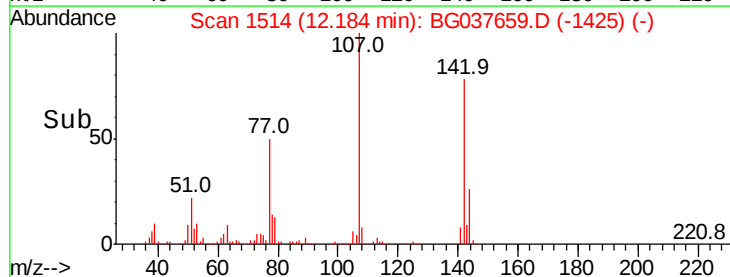
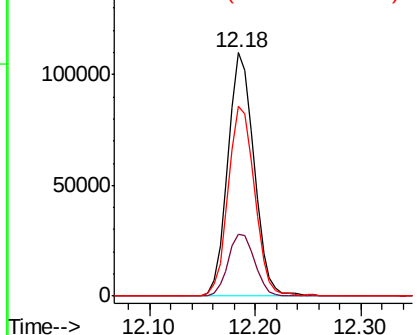
142 78.1 64.4 96.6

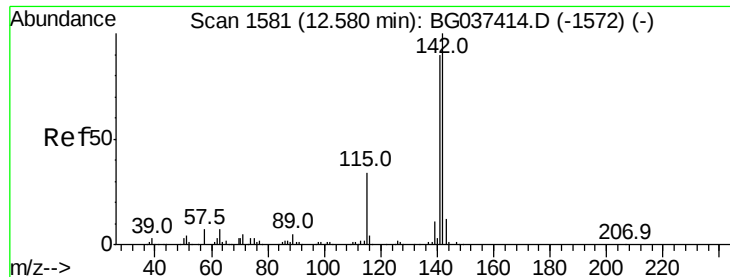


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





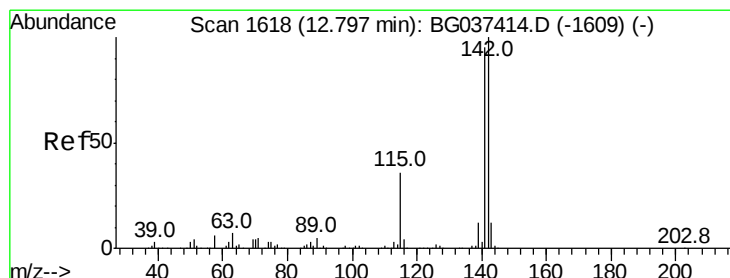
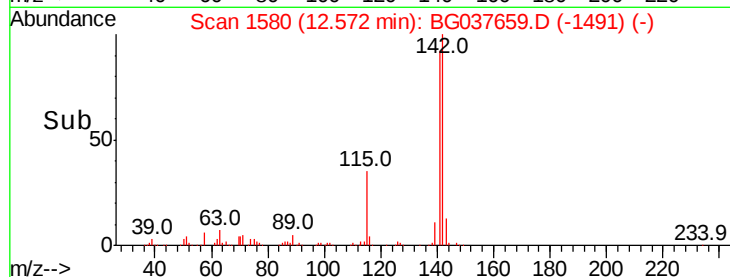
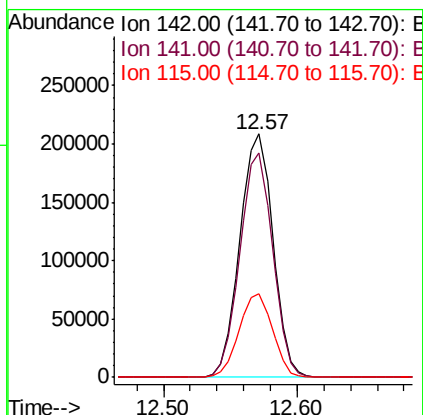
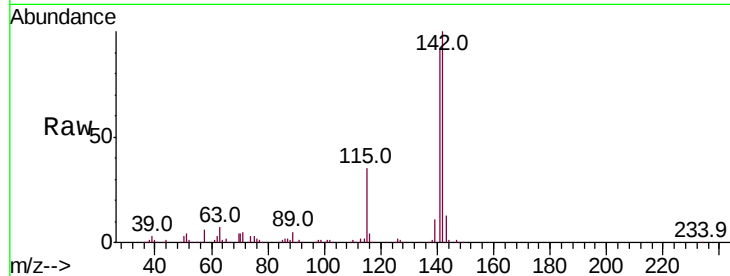
#37
2-Methylnaphthalene
Concen: 44.558 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	358920		
141	92.4	71.9	107.9	
115	34.5	27.8	41.8	

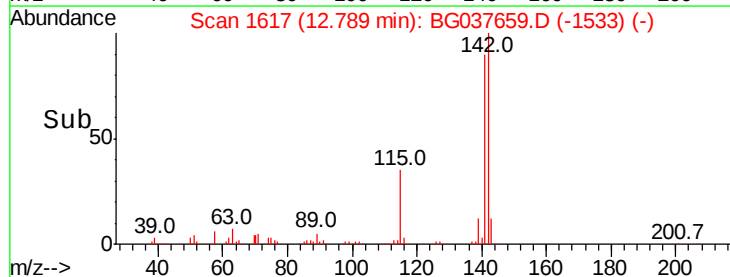
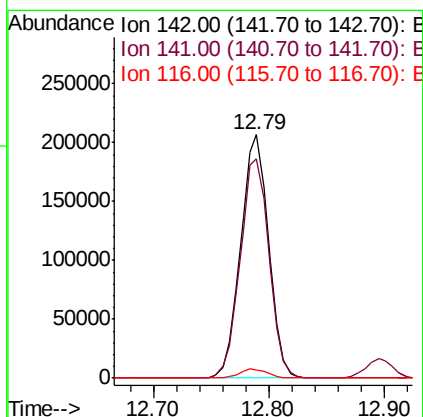
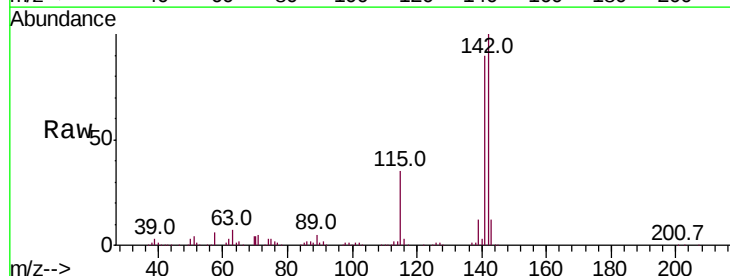
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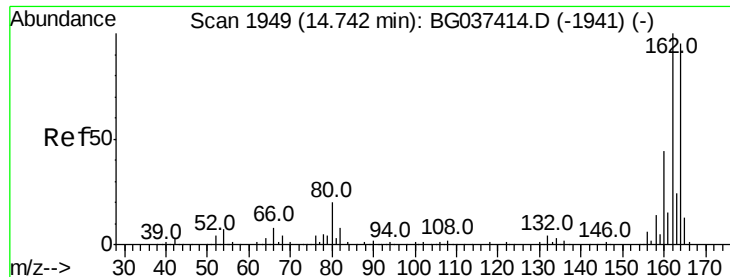
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#38
1-Methylnaphthalene
Concen: 44.266 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	346272		
141	90.2	75.2	112.8	
116	3.3	3.3	4.9	





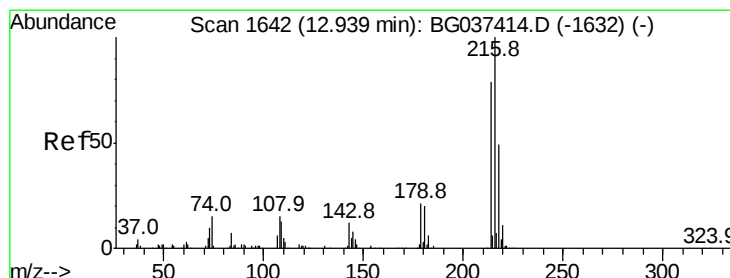
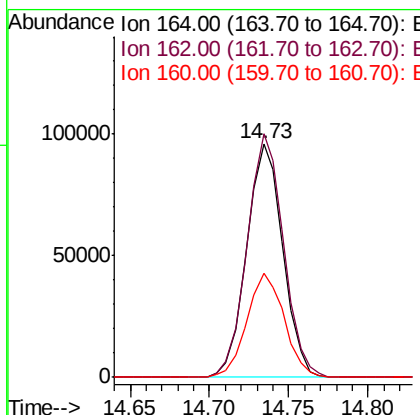
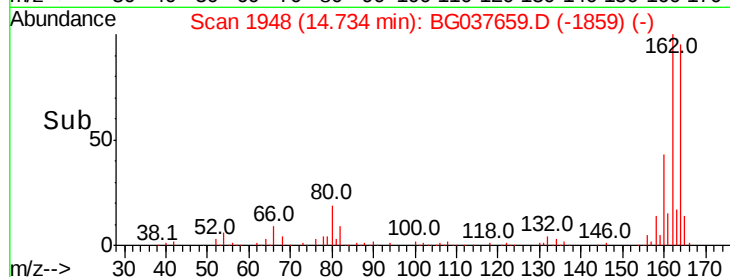
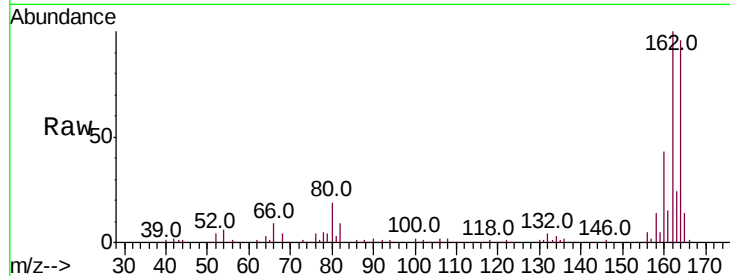
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampled :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	81.3	121.9	
160	44.4	36.3	54.5	

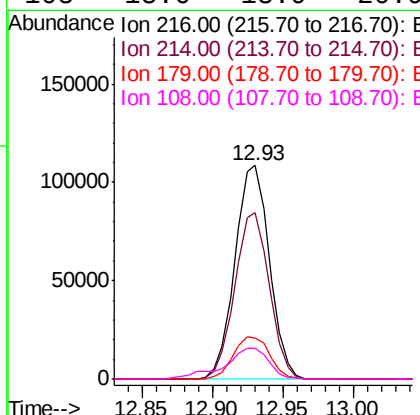
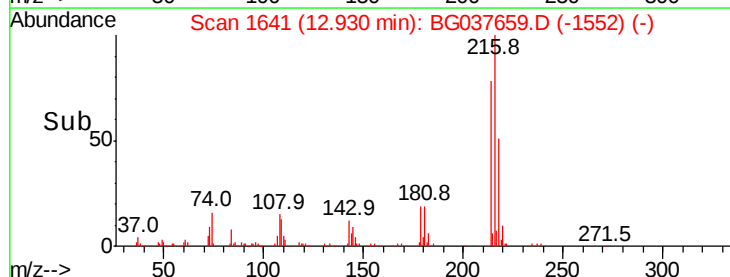
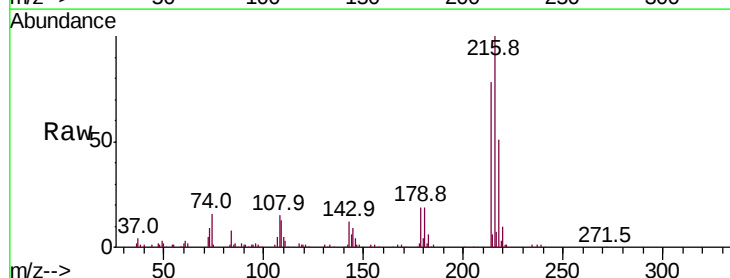
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.745 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	63.8	95.6	
179	20.8	17.4	26.0	
108	18.6	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 96.659 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

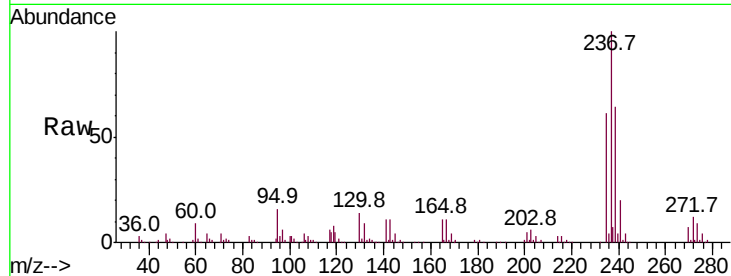
ClientSampleId :

PB114322BS

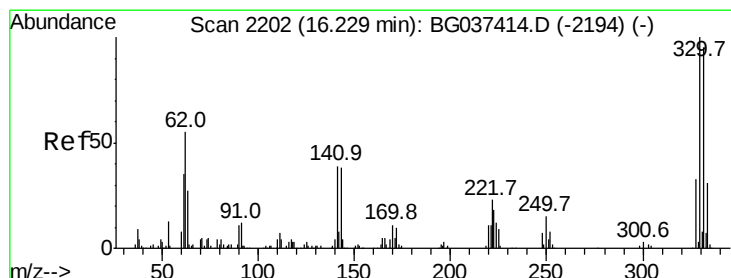
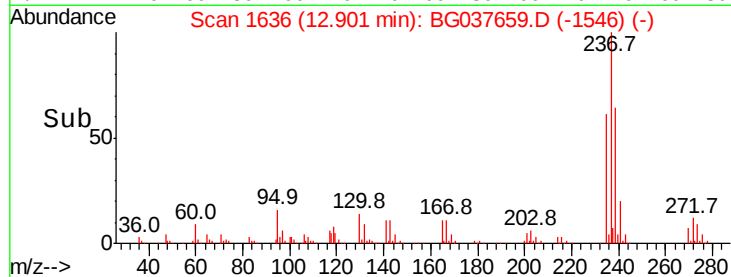
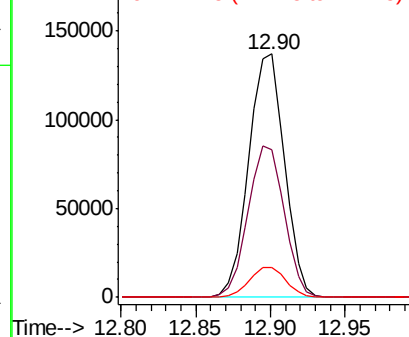
Tot Ion:	237	Resp:	226449
Ion Ratio	Lower	Upper	
237	100		
235	60.7	42.5	82.5
272	12.3	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 153.865 ng

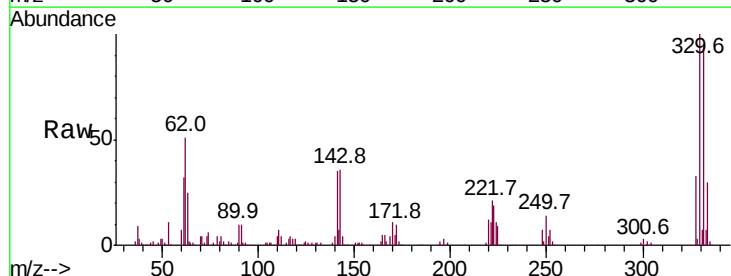
RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

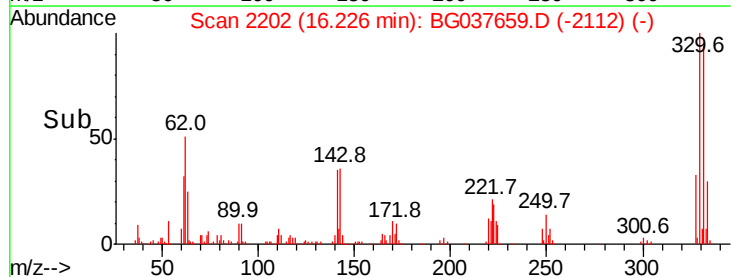
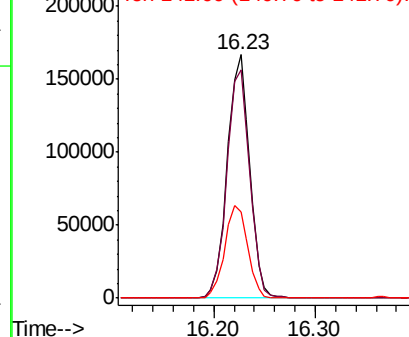
Lab File: BG037659.D

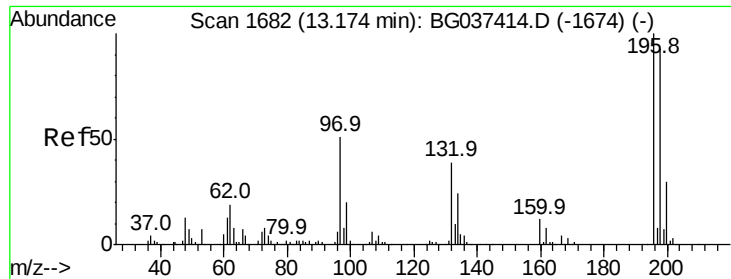
Acq: 30 Oct 2018 18:37

Tgt Ion:	330	Resp:	255173
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.4	117.6
141	39.2	32.2	48.2



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





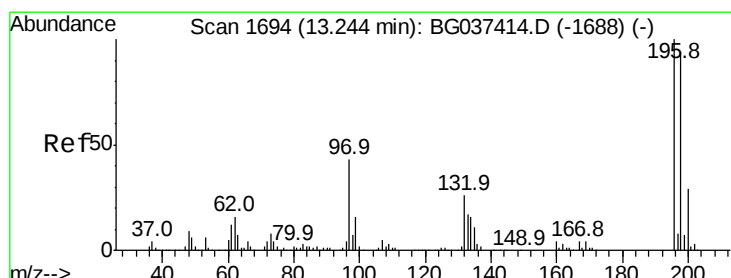
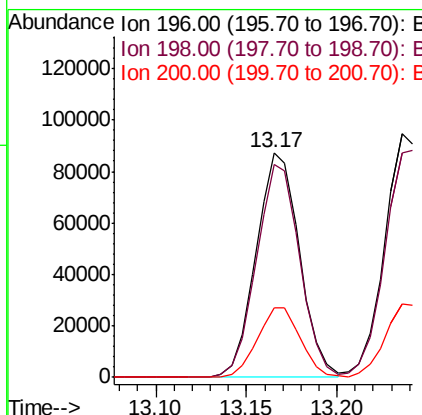
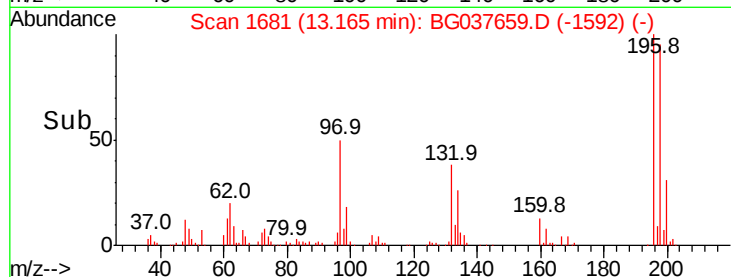
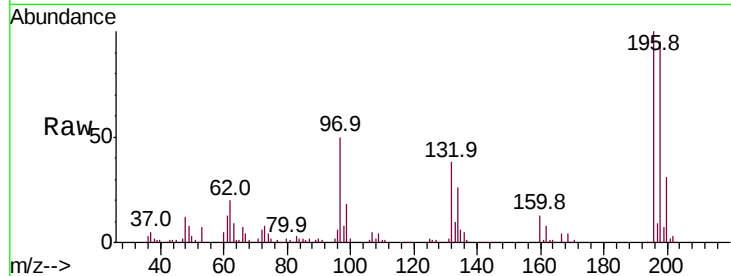
#43
 2,4,6-Trichlorophenol
 Concen: 44.230 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144927		
198	95.1	76.4	114.6	
200	30.8	24.9	37.3	

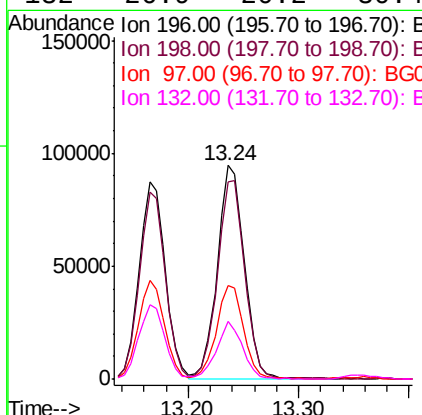
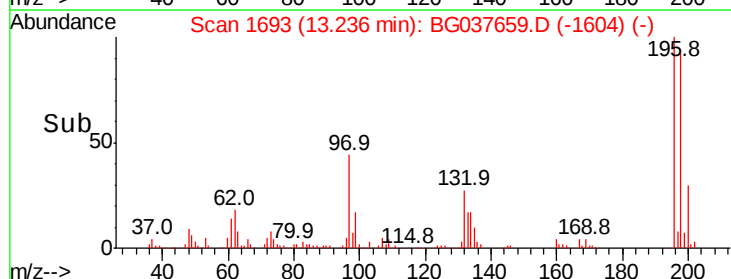
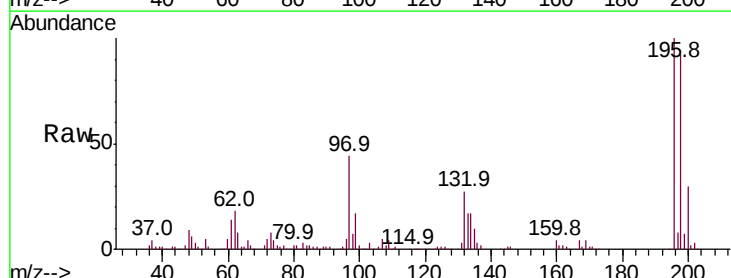
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#44
 2,4,5-Trichlorophenol
 Concen: 45.037 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160670		
198	92.2	74.2	111.2	
97	43.7	34.1	51.1	
132	26.9	20.2	30.4	





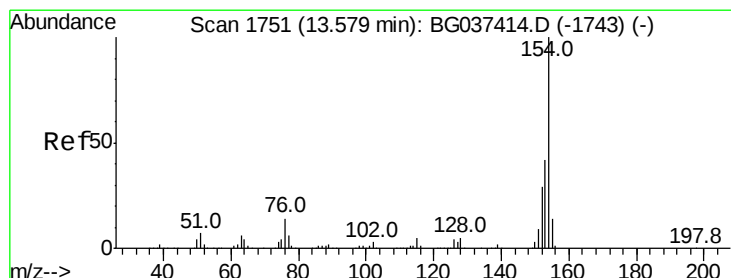
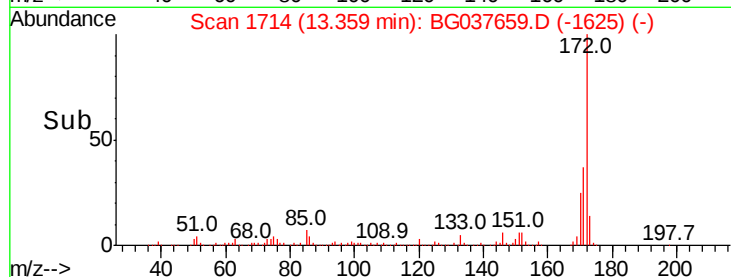
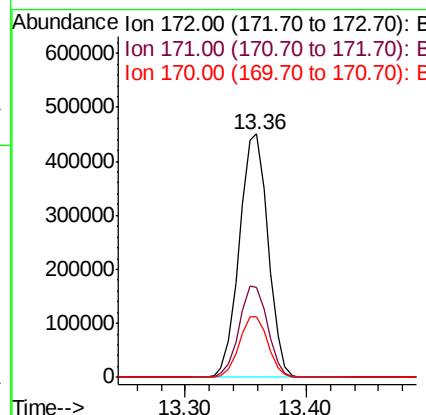
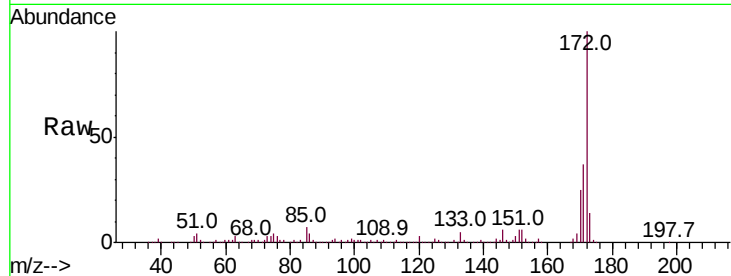
#45
 2-Fluorobiphenyl
 Concen: 74.149 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	25.1	20.2	30.2

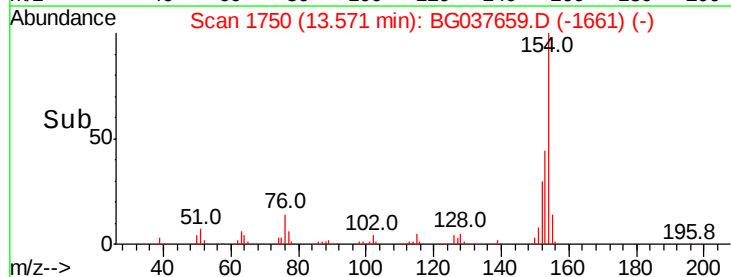
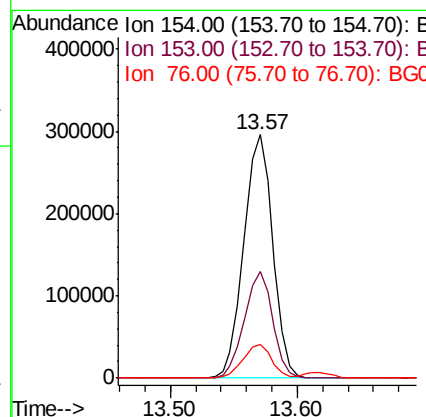
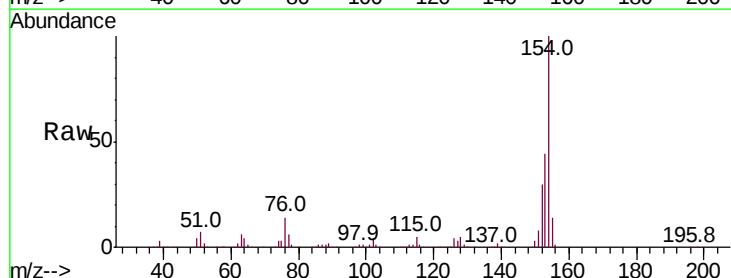
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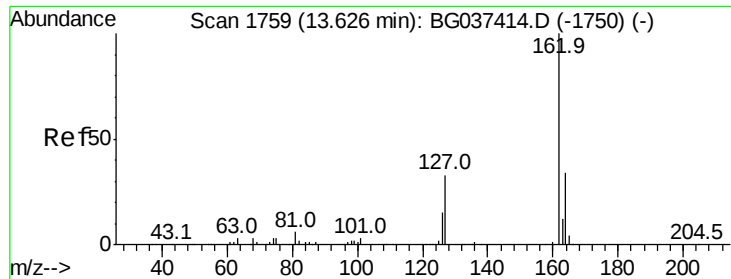
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#46
 1,1'-Biphenyl
 Concen: 37.147 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	22.1	62.1
76	13.8	0.0	33.2





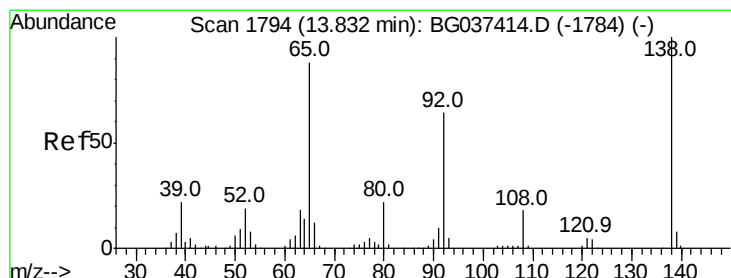
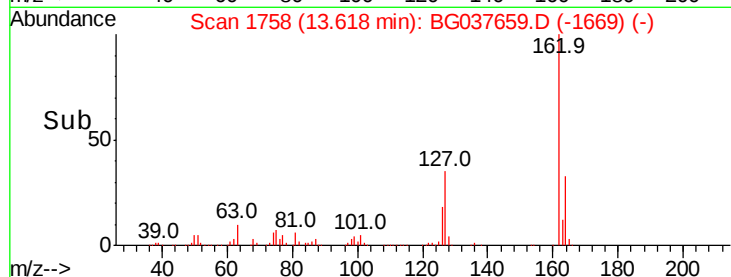
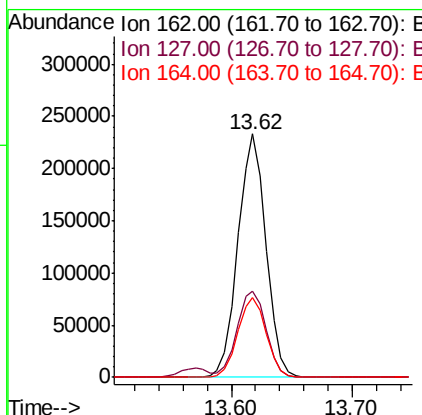
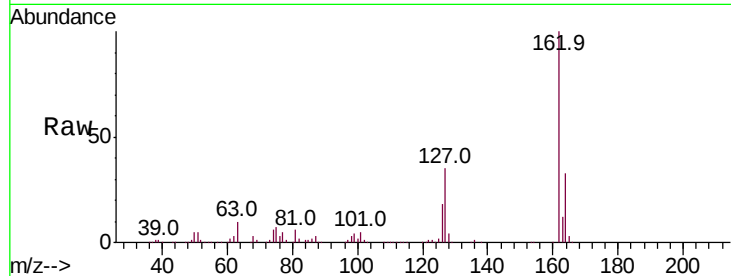
#47
2-Chloronaphthalene
Concen: 39.468 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.5	30.5	45.7	
164	32.9	26.4	39.6	

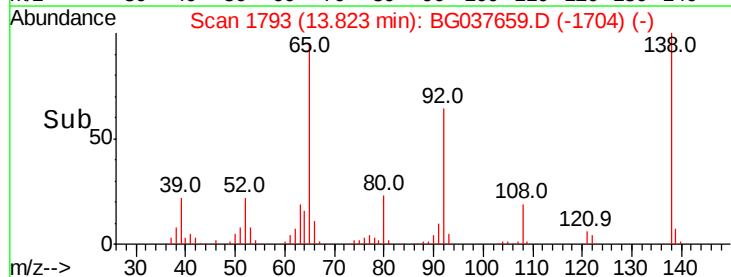
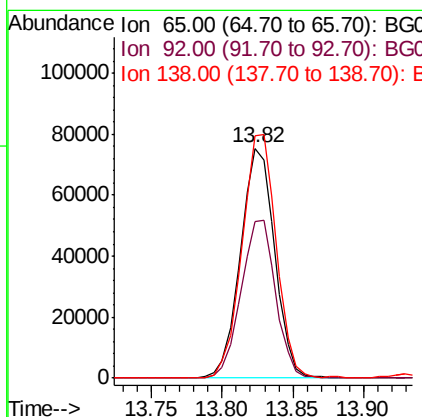
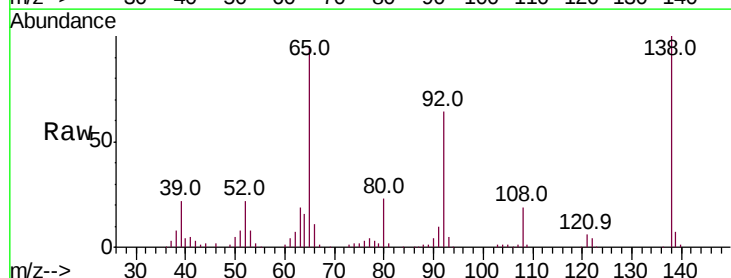
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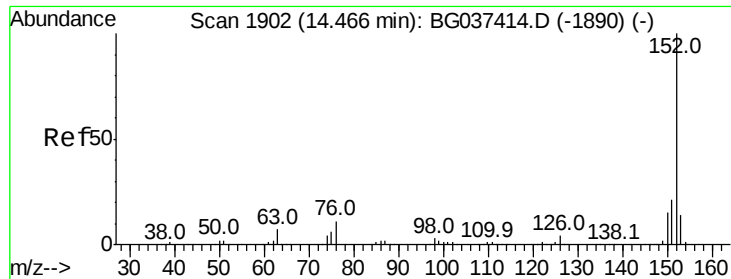
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#48
2-Nitroaniline
Concen: 44.220 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.1	53.2	79.8	
138	105.8	79.3	118.9	





#49

Acenaphthylene

Concen: 43.714 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

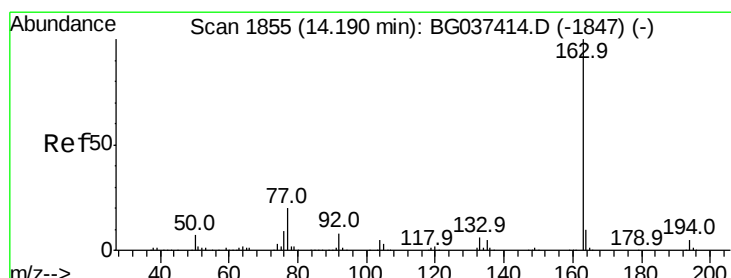
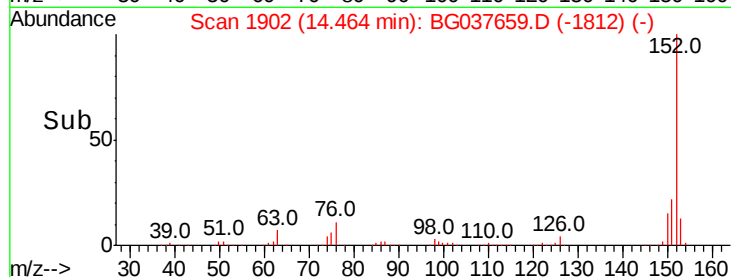
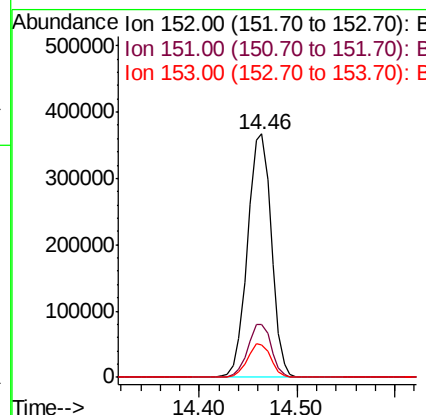
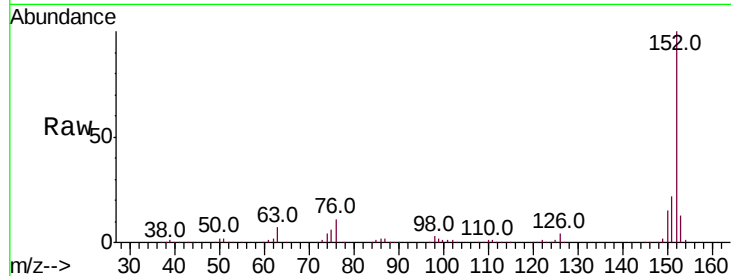
ClientSampleId :

PB114322BS

Tot Ion:	152	Resp:	626463
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	13.3	11.1	16.7

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#50

Dimethylphthalate

Concen: 42.084 ng

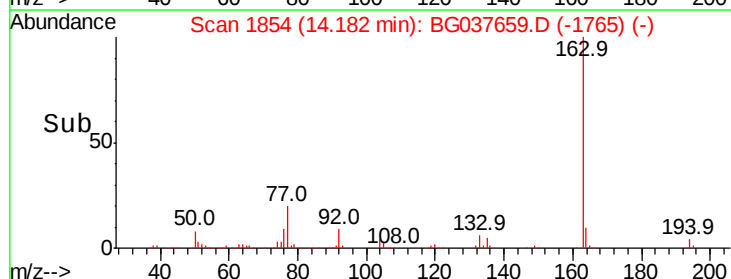
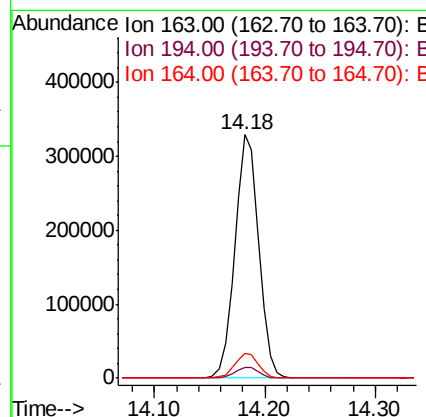
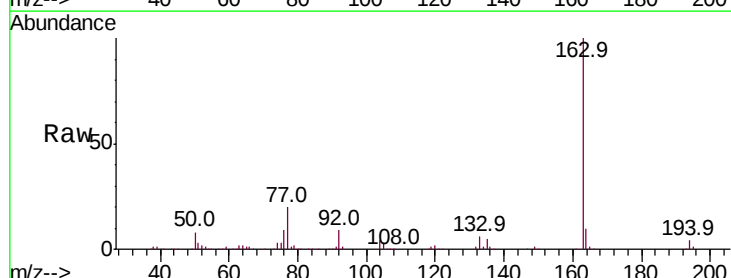
RT: 14.18 min Scan# 1854

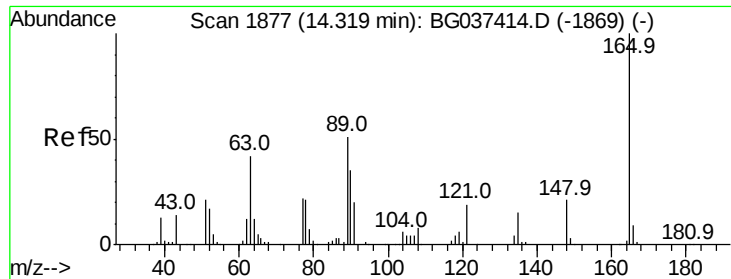
Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	163	Resp:	495040
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	10.3	8.5	12.7





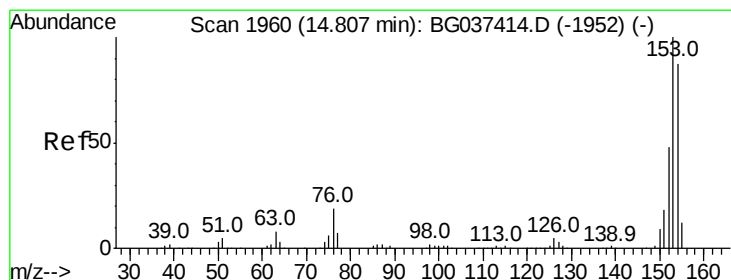
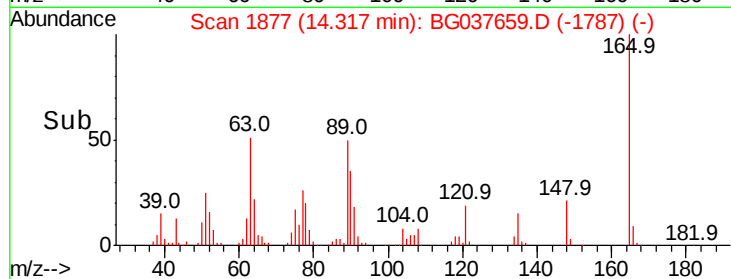
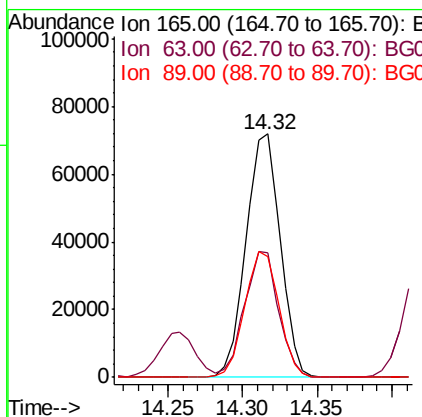
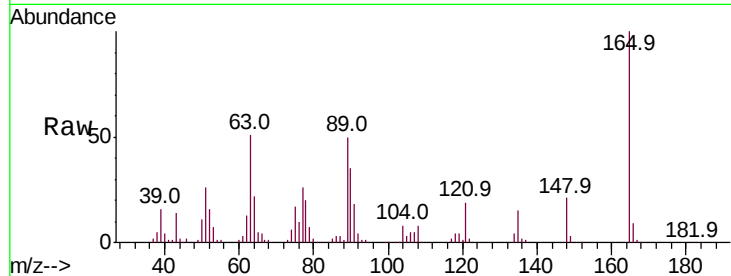
#51
 2,6-Dinitrotoluene
 Concen: 43.816 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion:	165	Resp:	114019
Ion Ratio	Lower	Upper	
165	100		
63	51.2	43.4	65.2
89	49.8	45.8	68.6

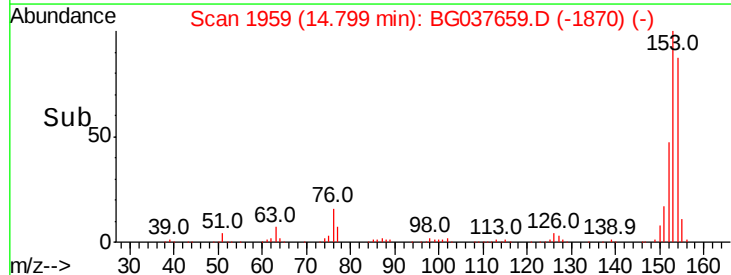
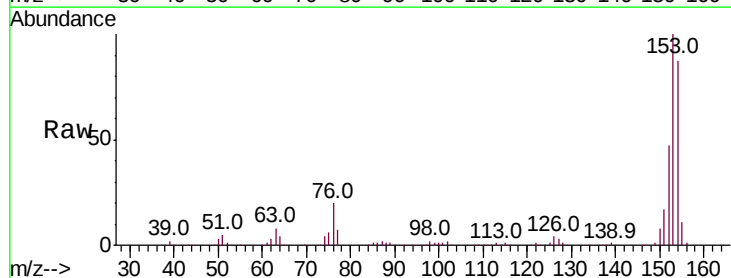
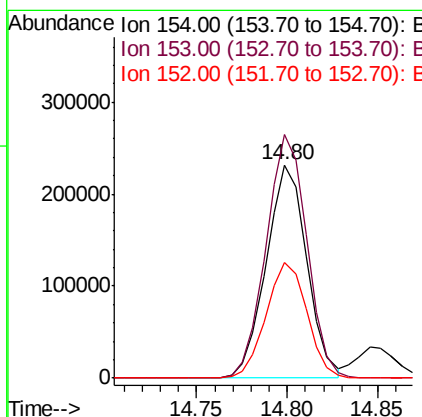
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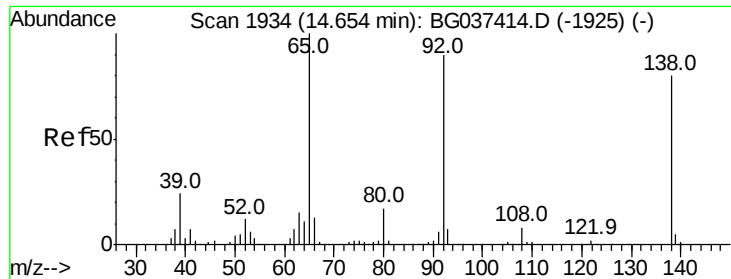
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#52
 Acenaphthene
 Concen: 40.921 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion:	154	Resp:	361170
Ion Ratio	Lower	Upper	
154	100		
153	114.3	93.4	140.0
152	54.2	44.7	67.1





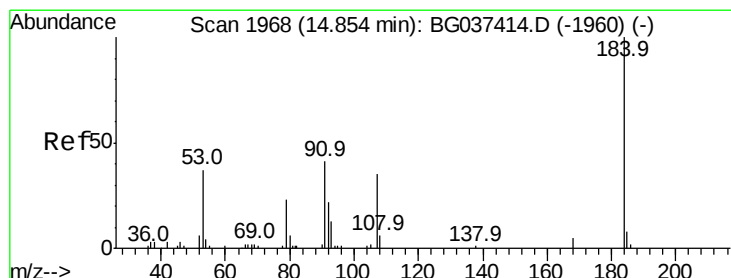
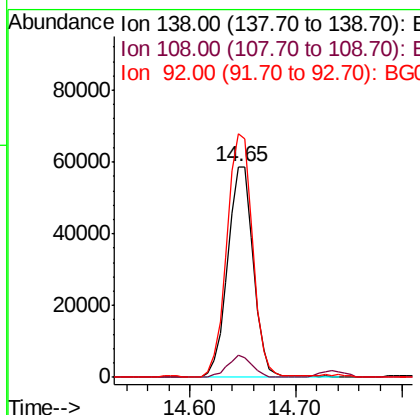
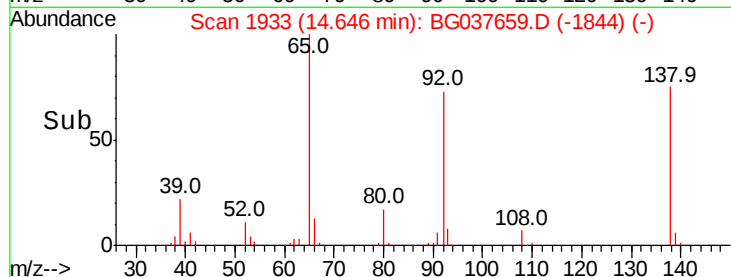
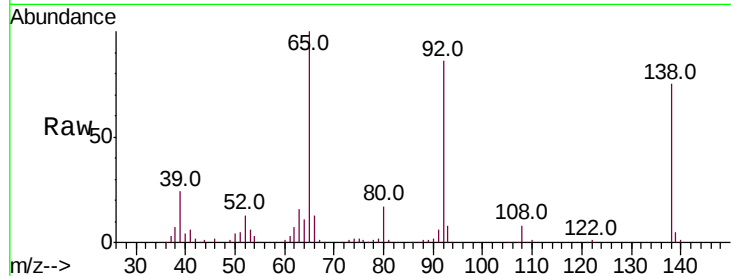
#53
 3-Nitroaniline
 Concen: 34.153 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion:138 Resp: 98663
 Ion Ratio Lower Upper
 138 100
 108 10.4 11.0 16.6#
 92 115.7 95.2 142.8

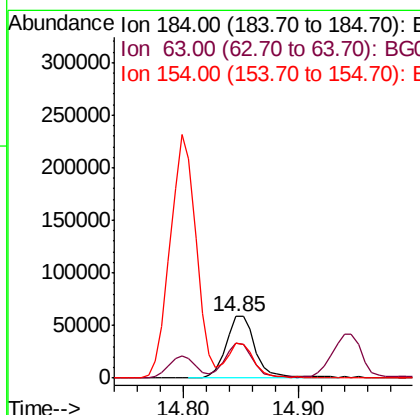
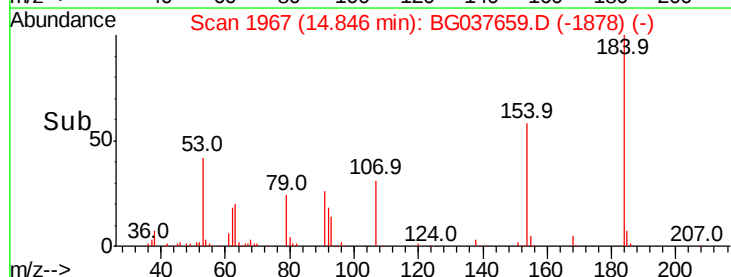
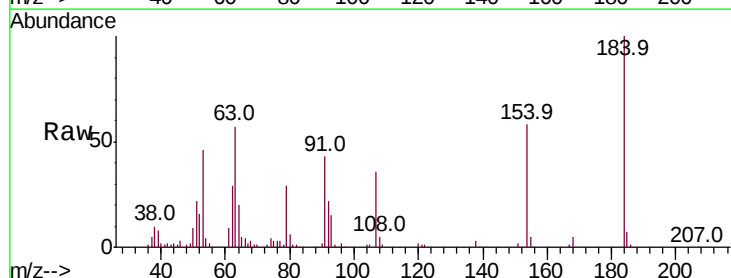
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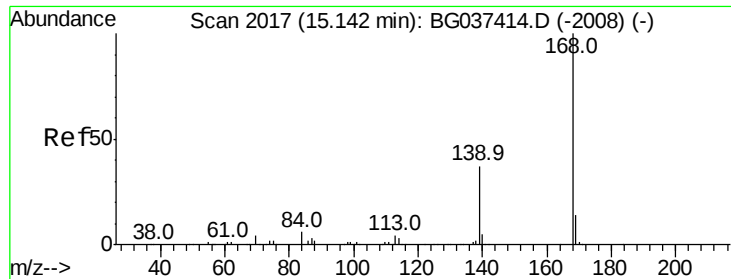
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#54
 2,4-Dinitrophenol
 Concen: 85.627 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion:184 Resp: 103479
 Ion Ratio Lower Upper
 184 100
 63 56.7 42.6 63.8
 154 57.7 41.8 62.6





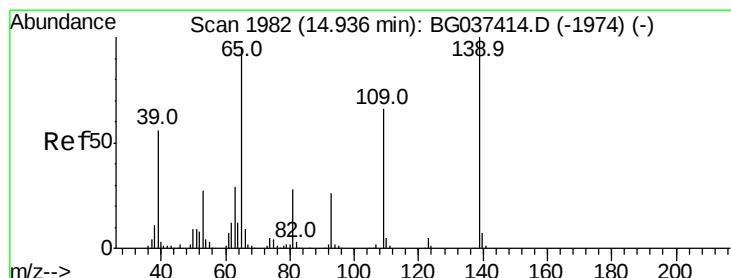
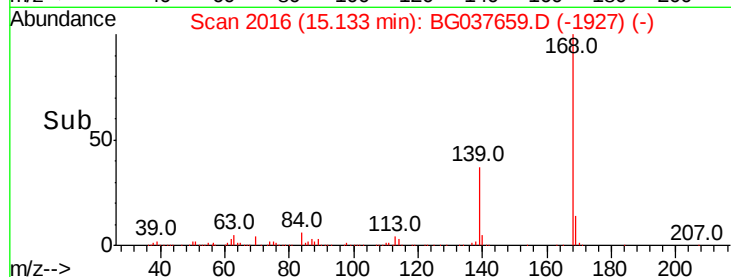
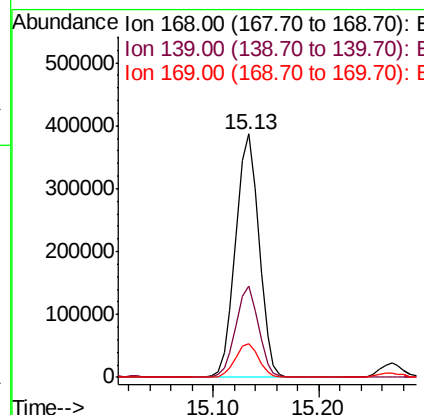
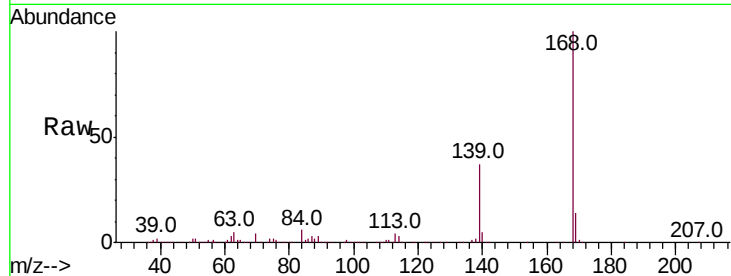
#55
Dibenzofuran
Concen: 40.353 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.4	44.0
169	13.8	11.0	16.6

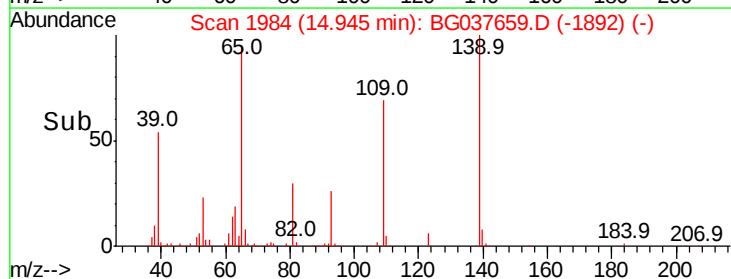
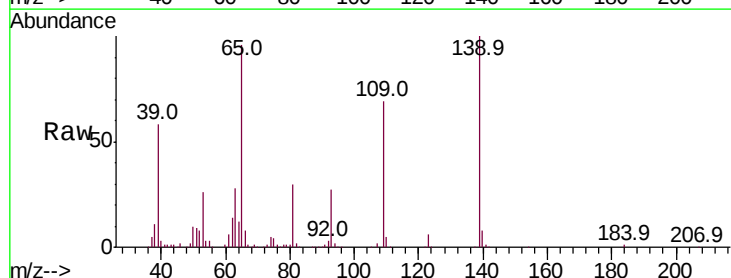
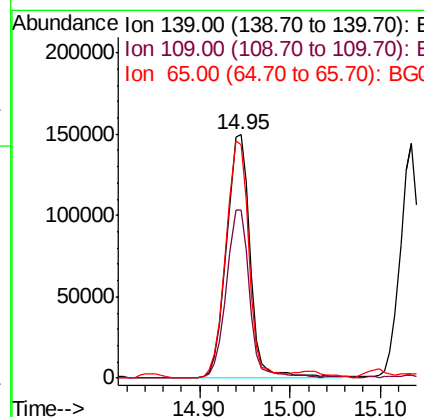
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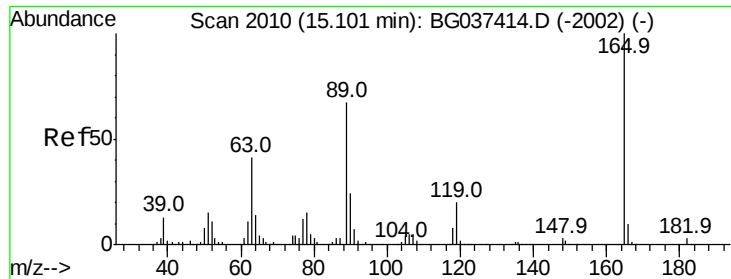
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#56
4-Nitrophenol
Concen: 126.881 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.0	49.5	89.5
65	95.9	76.8	116.8





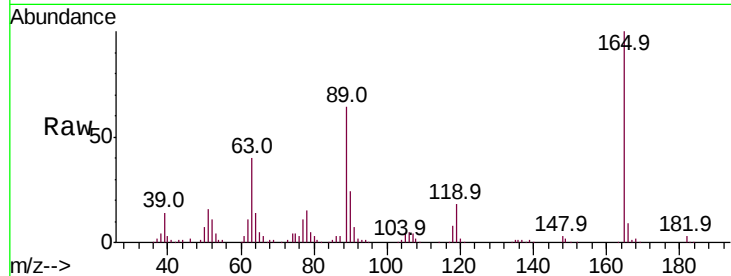
#57
2,4-Dinitrotoluene
Concen: 47.781 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163212		
63	39.9	33.4	50.0	
89	64.2	57.2	85.8	
182	3.2	2.6	4.0	

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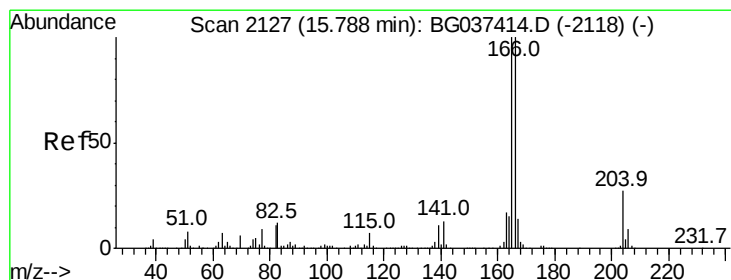
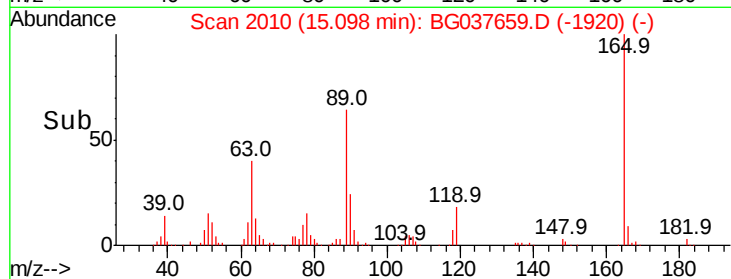
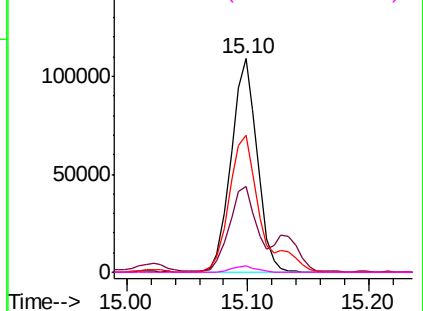
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

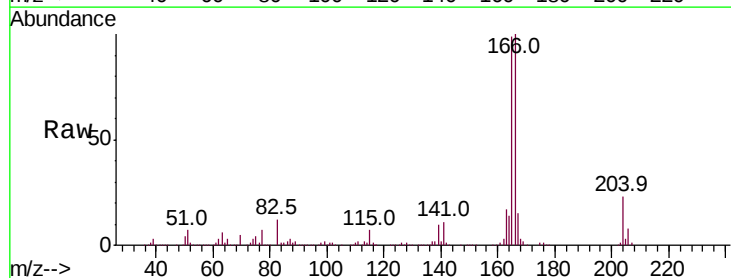
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.060 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	482481		
165	98.8	79.0	118.6	
167	14.8	11.3	16.9	

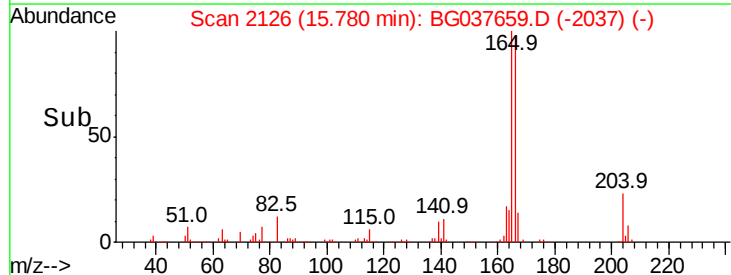
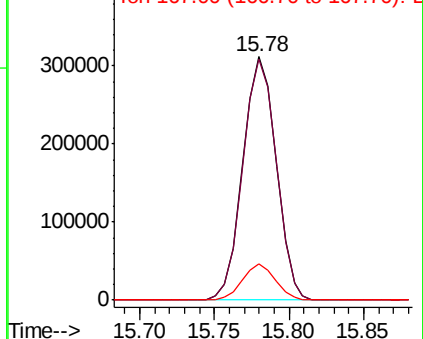


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





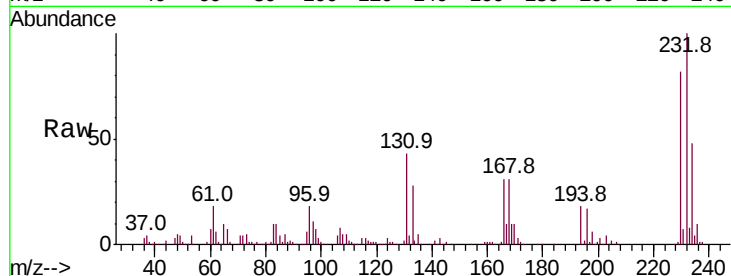
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.867 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	140101		
131	42.6		33.7	50.5
130	2.3		2.1	3.1
166	30.8		24.6	36.8

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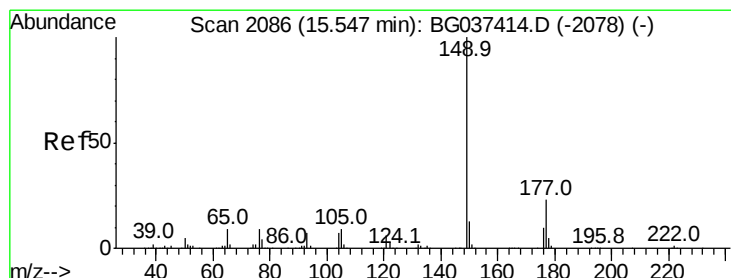
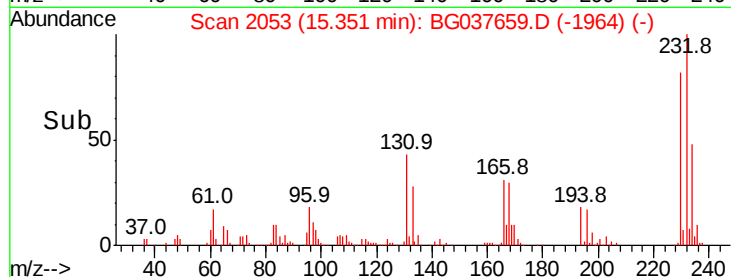
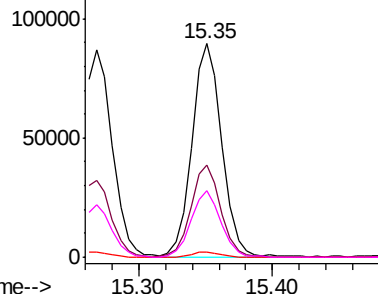
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

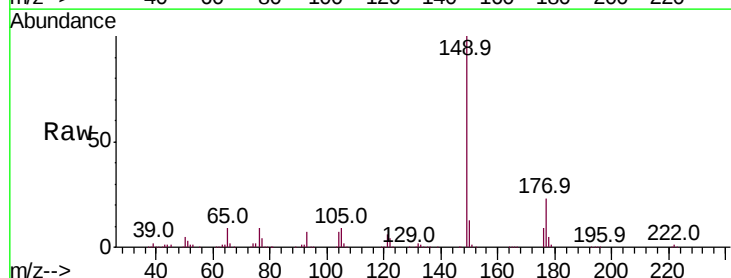
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.899 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	518071		
177	23.1		18.3	27.5
150	13.1		10.0	15.0

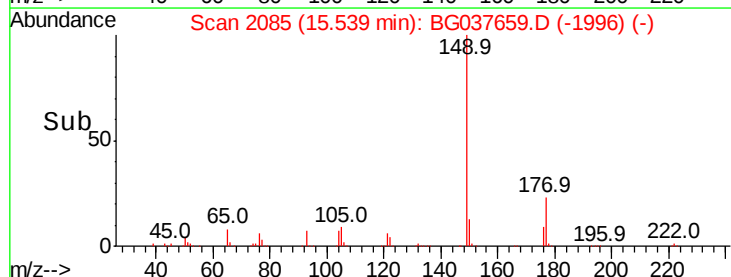
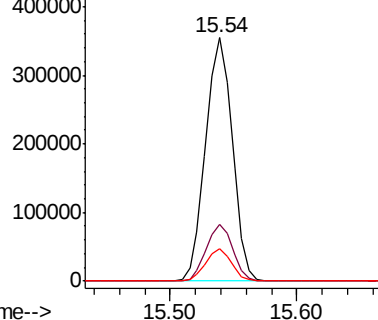


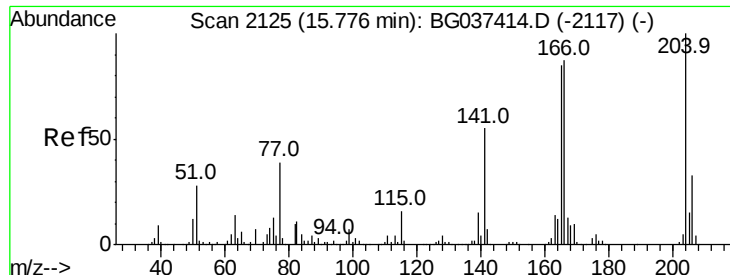
Abundance

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





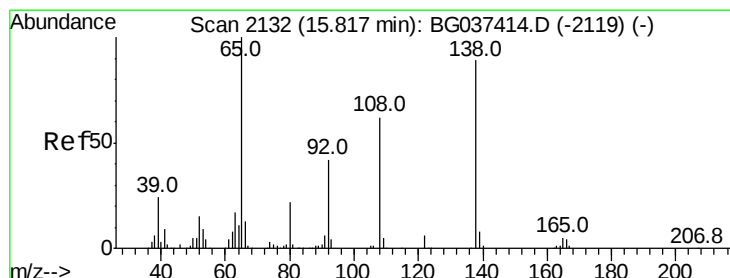
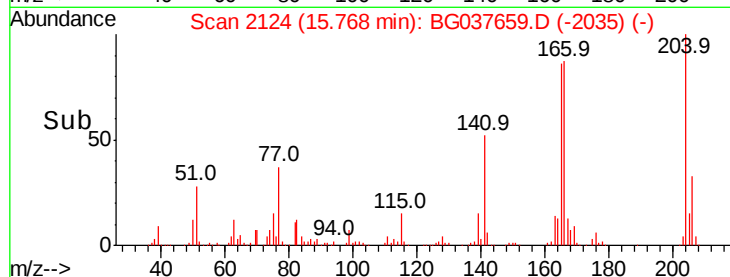
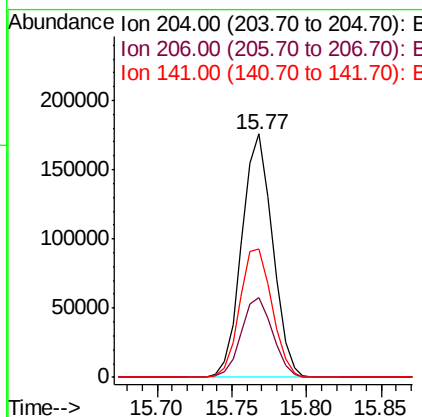
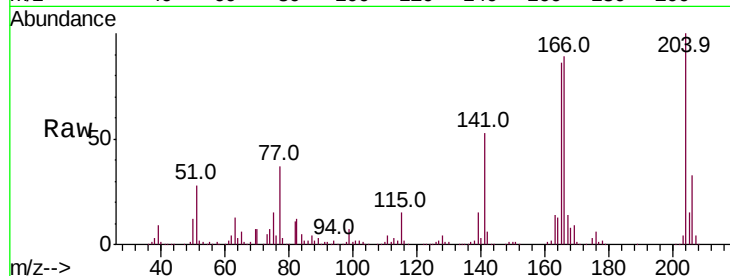
#61
4-Chlorophenyl-phenylether
Concen: 39.468 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleID :
PB114322BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.8	26.6	39.8
141	52.5	45.4	68.2

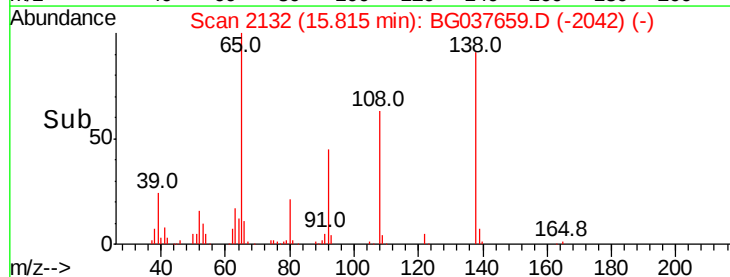
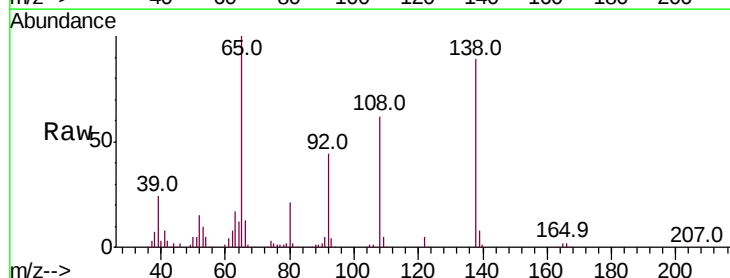
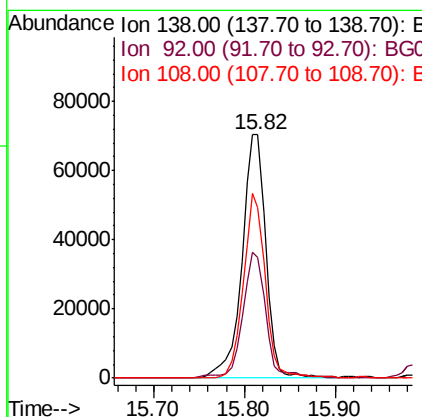
Manual Integrations
APPROVED

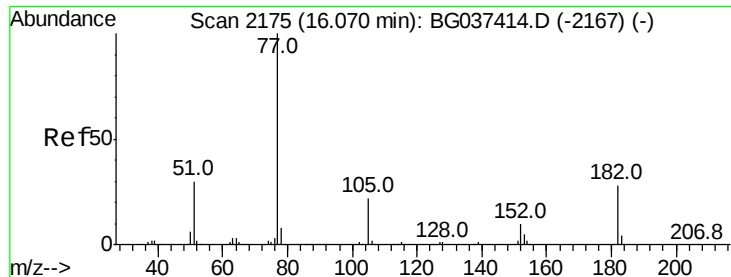
Sohil
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#62
4-Nitroaniline
Concen: 44.725 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.6	36.4	76.4
108	69.9	60.1	100.1





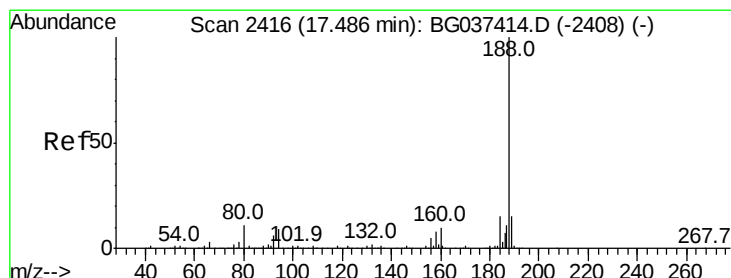
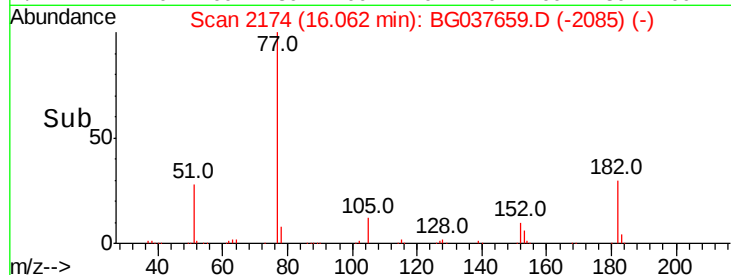
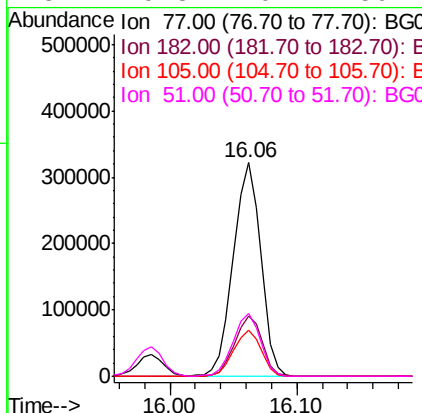
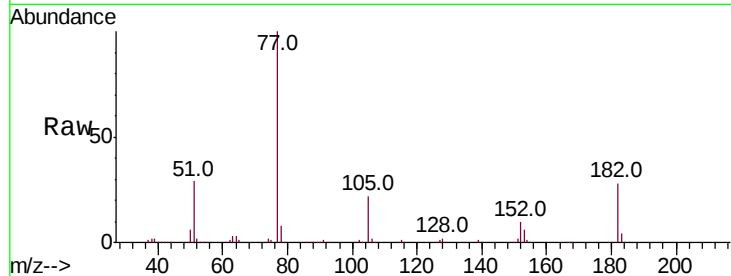
#63
Azobenzene
Concen: 41.666 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.0	48.0
105	21.5	1.3	41.3
51	29.3	10.7	50.7

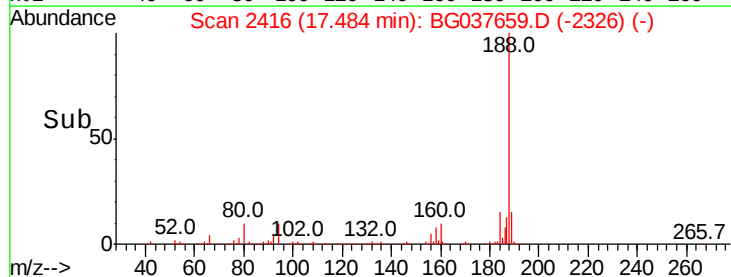
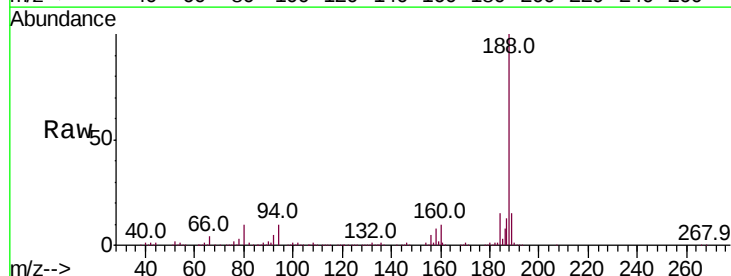
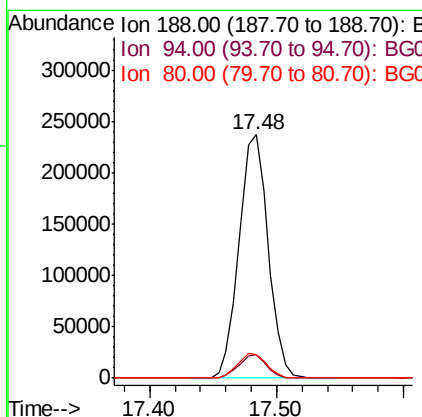
Manual Integrations
APPROVED

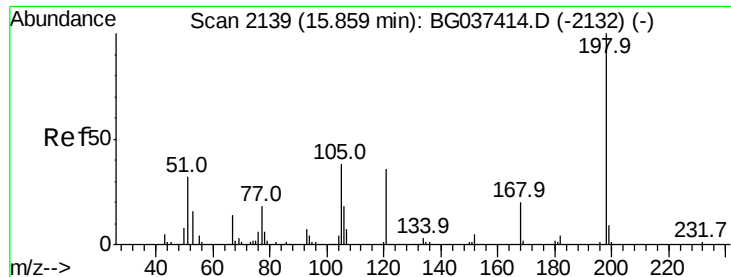
Sohil
10/31/2018 11:54:14 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	9.9	7.7	11.5





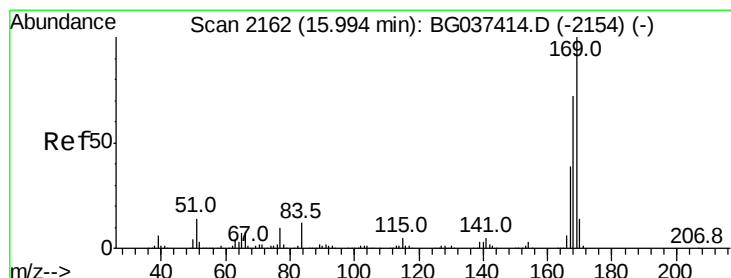
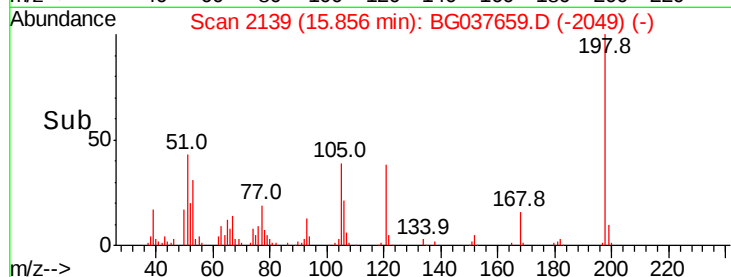
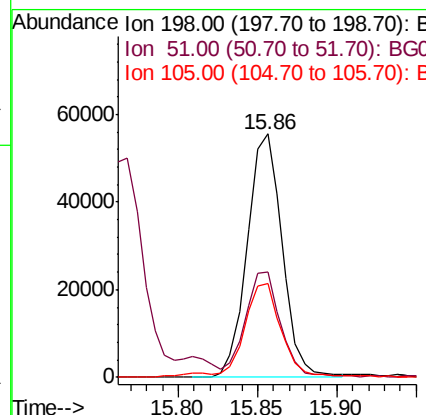
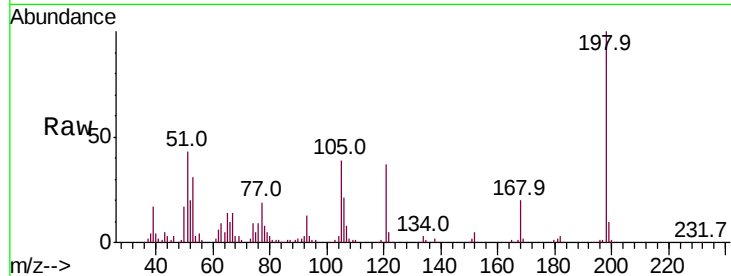
#65
4,6-Dinitro-2-methylphenol
Concen: 43.843 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.3	22.7	62.7
105	38.7	19.7	59.7

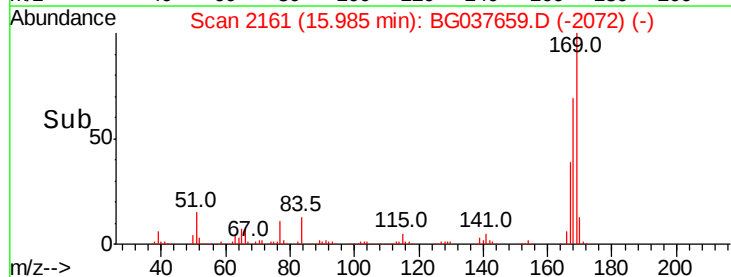
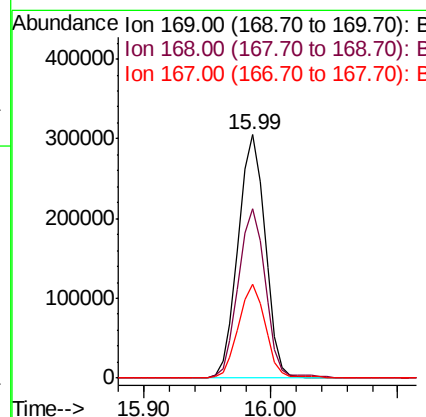
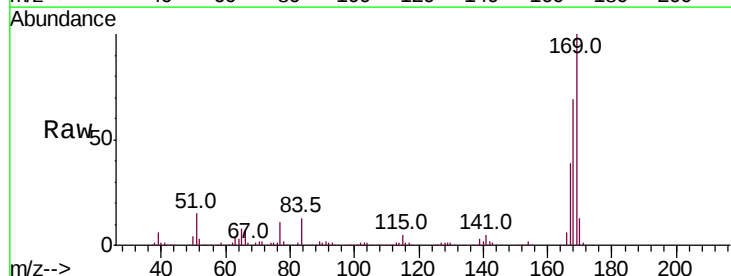
Manual Integrations
APPROVED

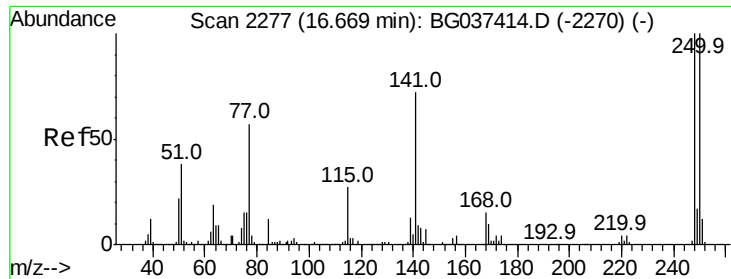
Sohil
10/31/2018 11:54:14 AM



#66
n-Nitrosodiphenylamine
Concen: 39.754 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	38.7	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 38.443 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

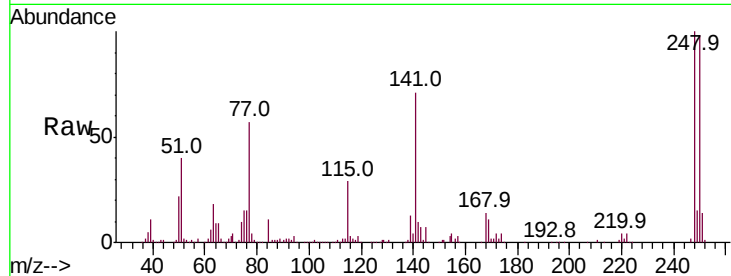
ClientSampleId :

PB114322BS

Tot Ion:	248	Resp:	159212
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.0	115.6
141	71.0	55.5	83.3

Manual Integrations
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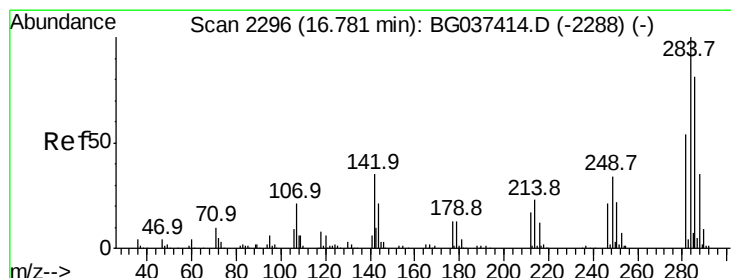
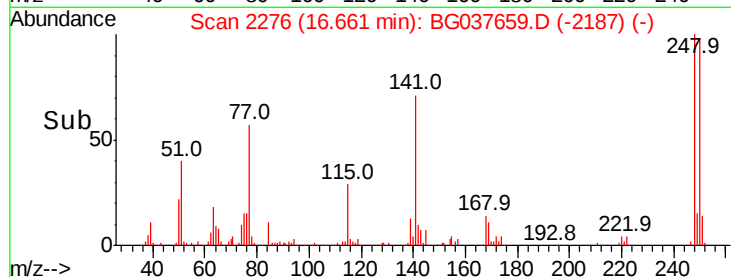
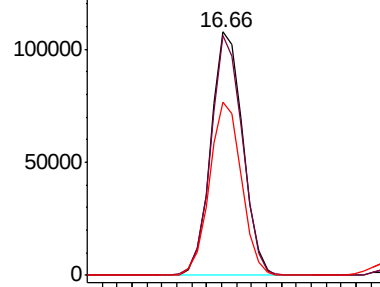


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.105 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

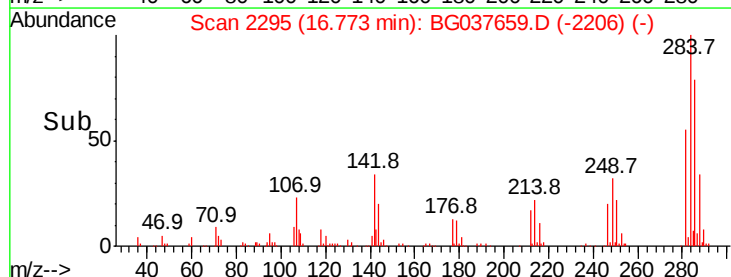
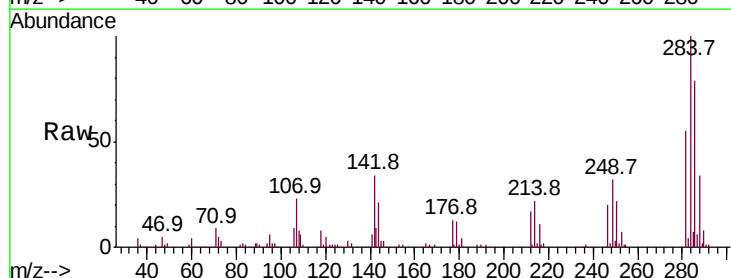
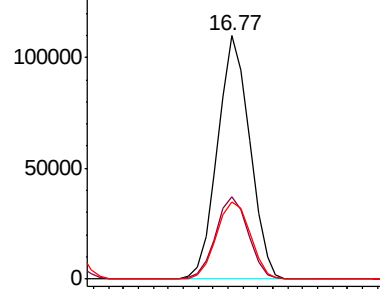
Tgt Ion:	284	Resp:	163562
Ion Ratio	Lower	Upper	
284	100		
142	33.9	28.1	42.1
249	34.2	29.8	44.8

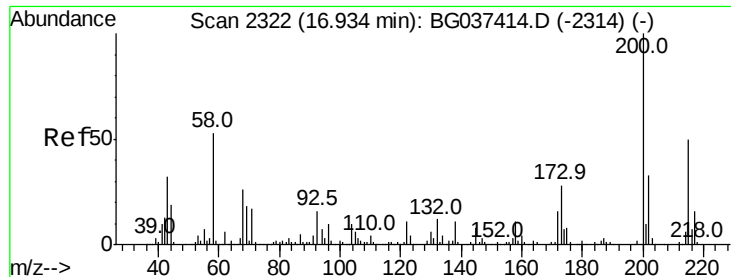
Abundance

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





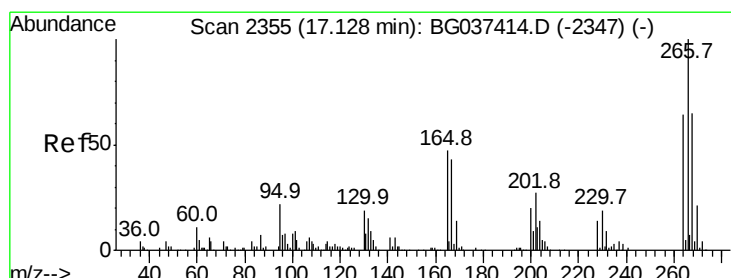
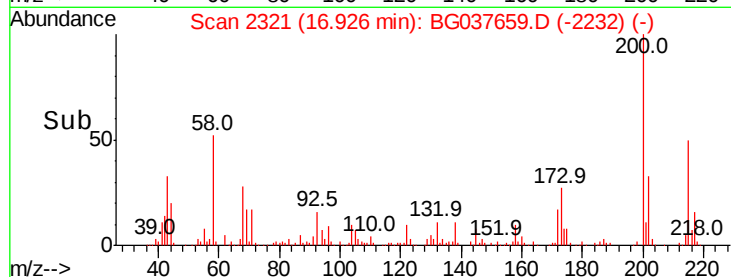
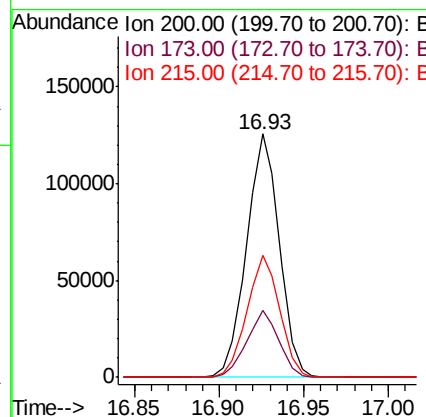
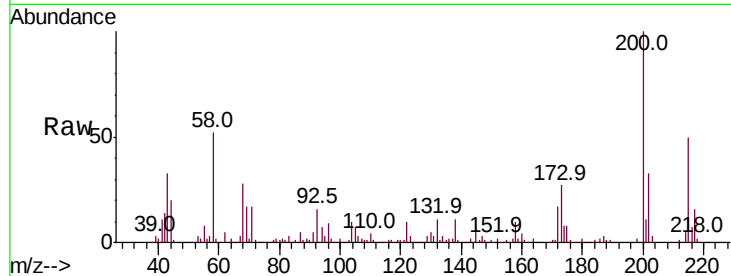
#69
Atrazine
Concen: 41.451 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.1	46.1
215	49.9	30.8	70.8

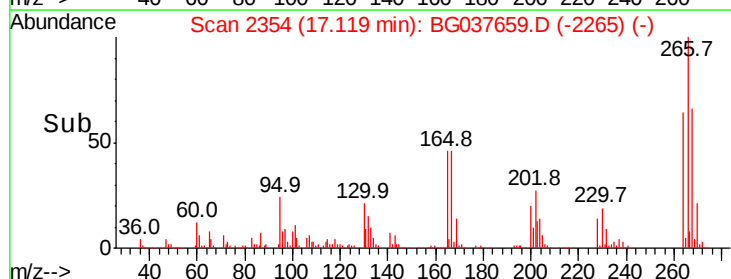
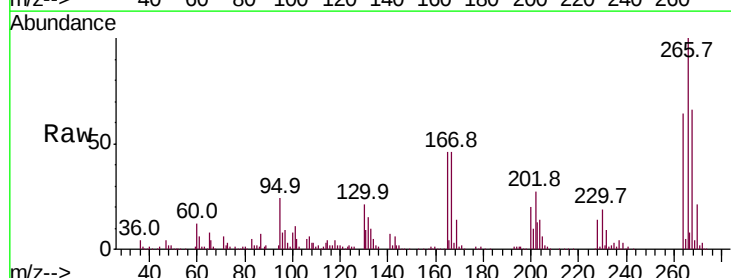
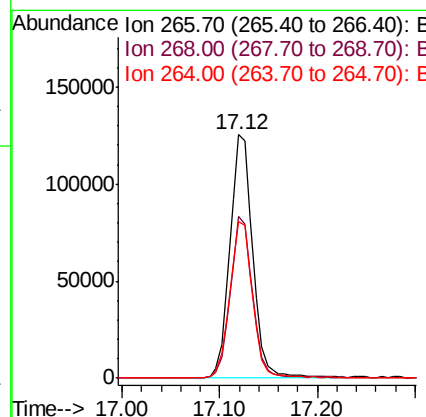
Manual Integrations
APPROVED

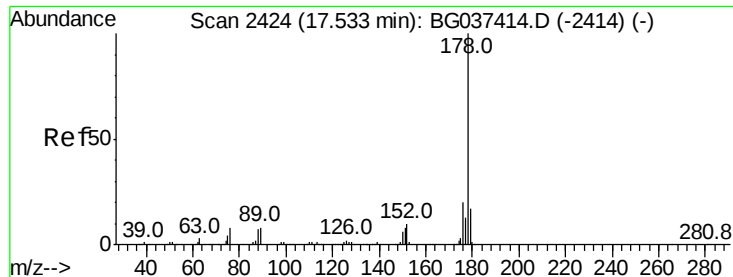
Sohil
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#70
Pentachlorophenol
Concen: 70.738 ng
RT: 17.12 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.7	55.0	82.6
264	69.6	58.9	88.3





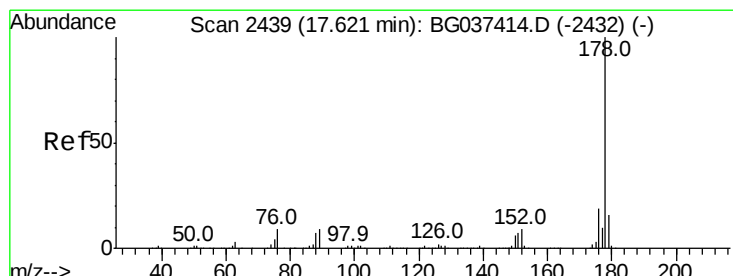
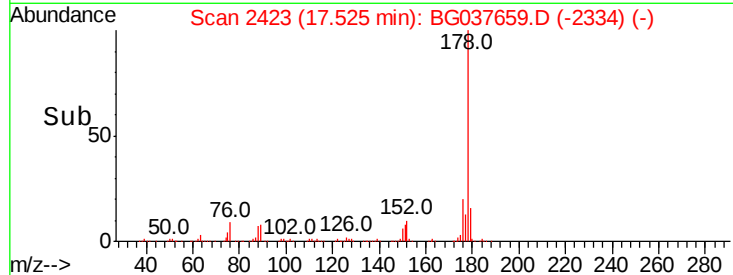
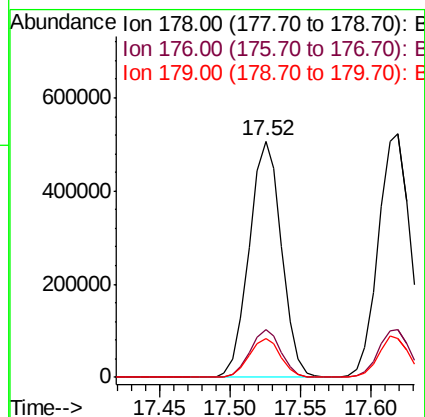
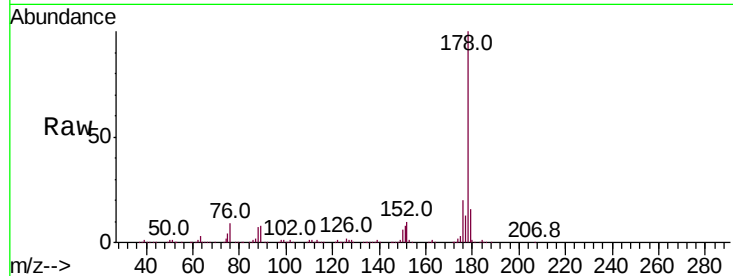
#71
Phenanthrene
Concen: 42.543 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.4	13.0	19.4

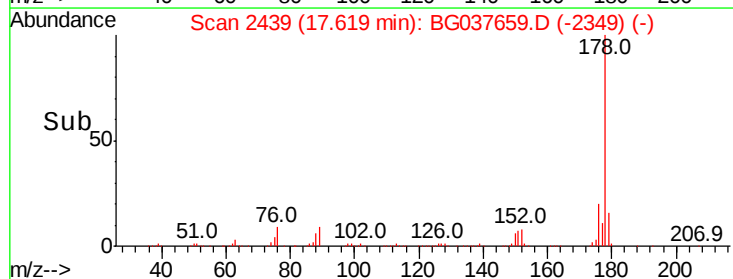
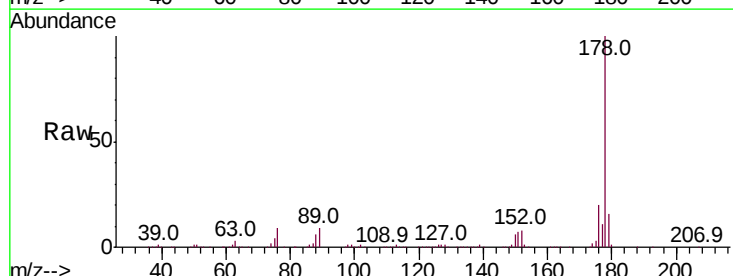
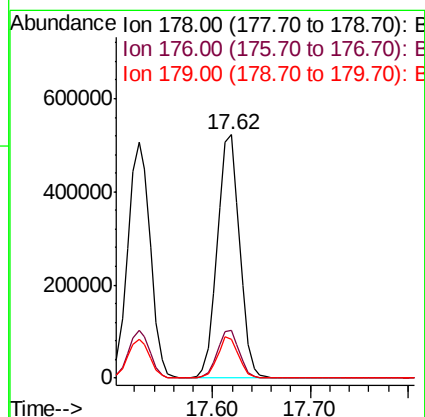
Manual Integrations
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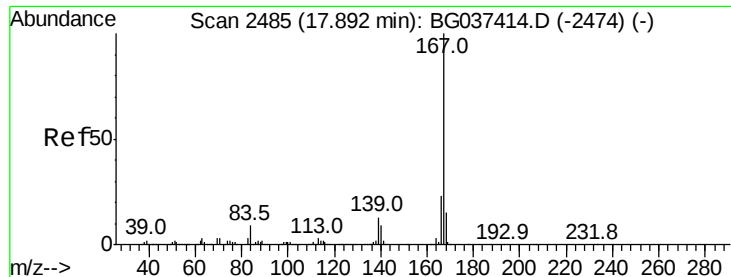
Sohil
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#72
Anthracene
Concen: 43.887 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	15.9	12.8	19.2





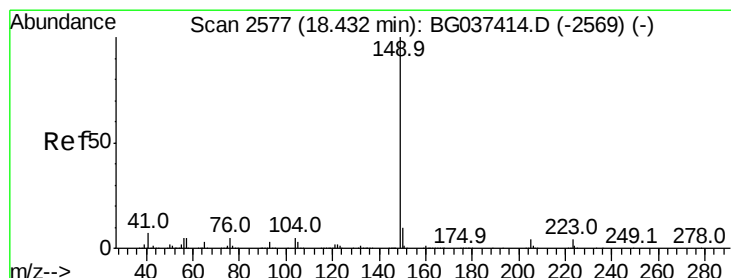
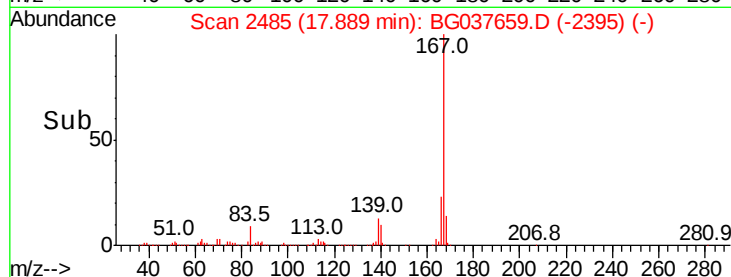
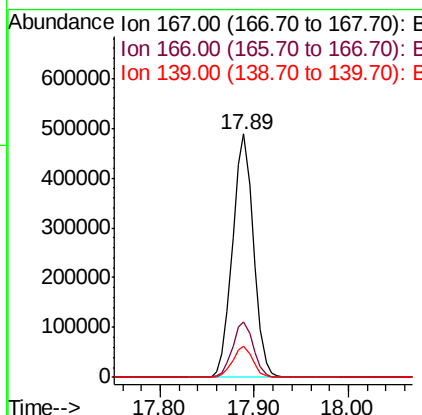
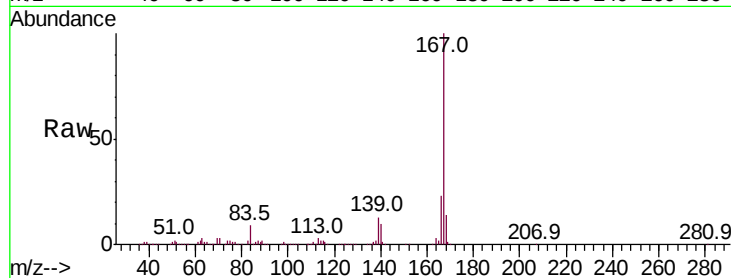
#73
 Carbazole
 Concen: 40.230 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	12.8	10.5	15.7

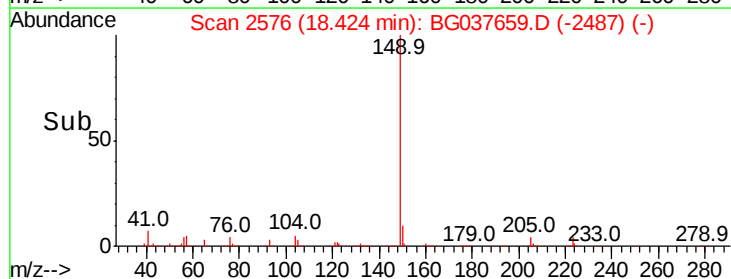
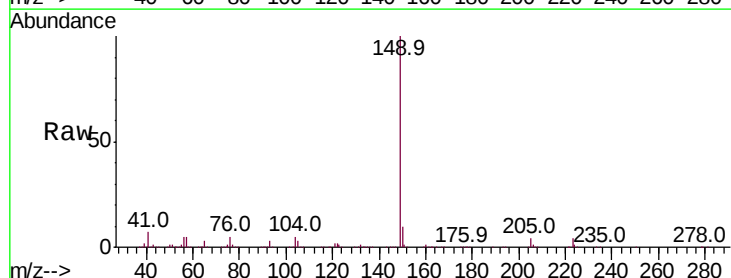
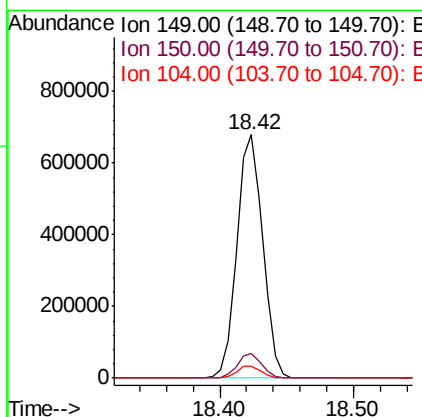
Manual Integrations
 APPROVED

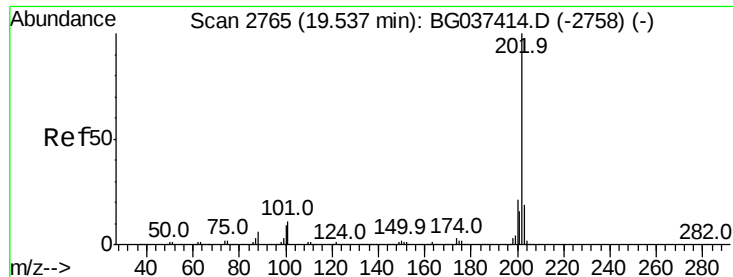
Sohil
 10/31/2018 11:54:14 AM



#74
 Di-n-butylphthalate
 Concen: 43.455 ng
 RT: 18.42 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 43.693 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

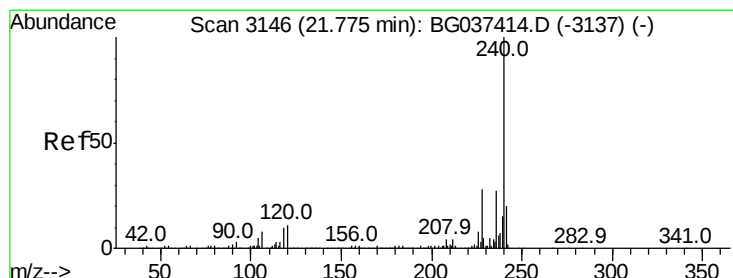
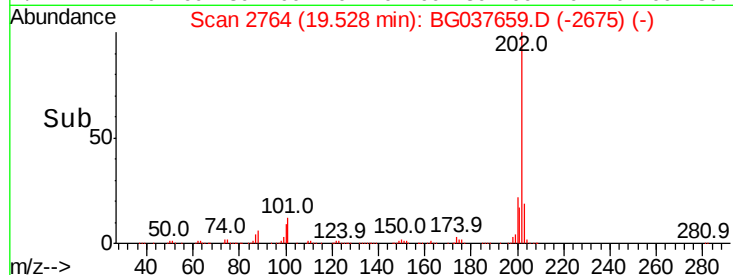
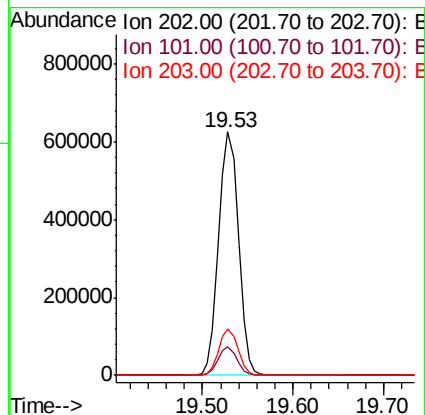
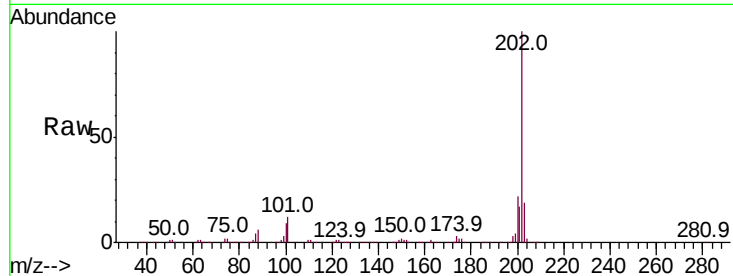
ClientSampleId :

PB114322BS

Tot Ion:	202	Resp:	949842
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.7
203	19.1	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

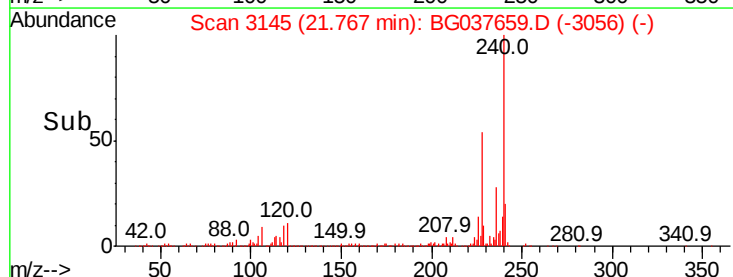
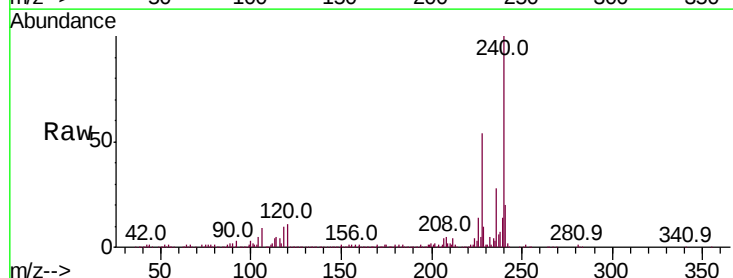
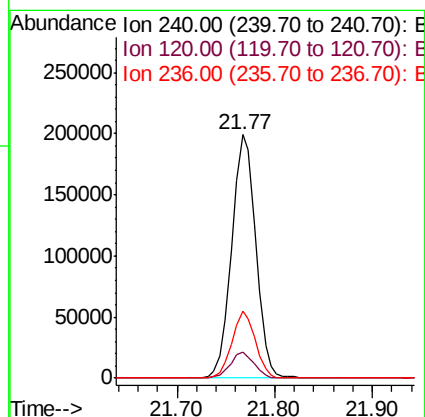
RT: 21.77 min Scan# 3145

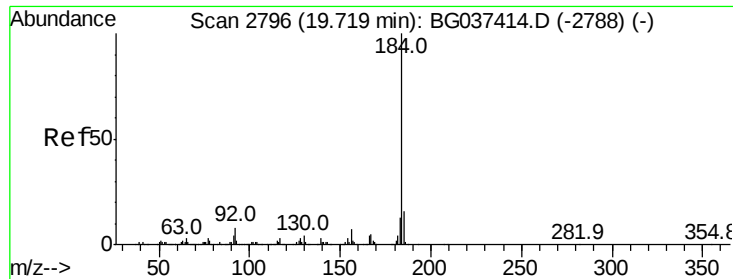
Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	240	Resp:	341534
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.1	12.1
236	27.7	21.4	32.0





#77

Benzidine

Concen: 34.544 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

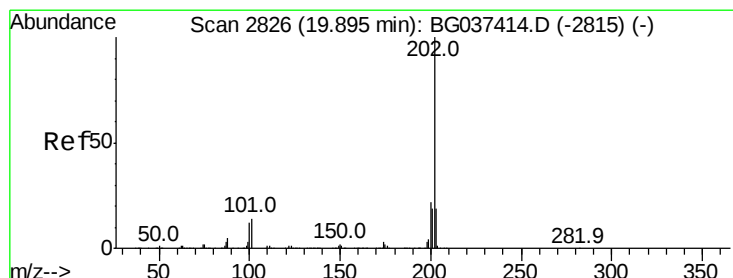
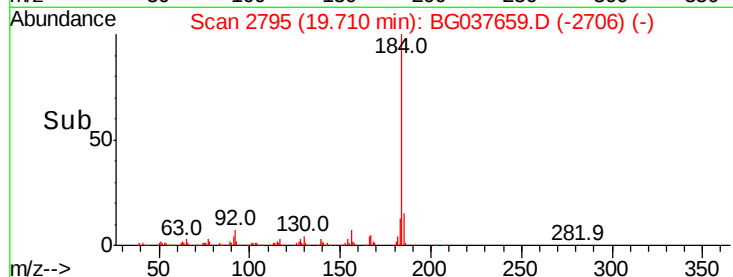
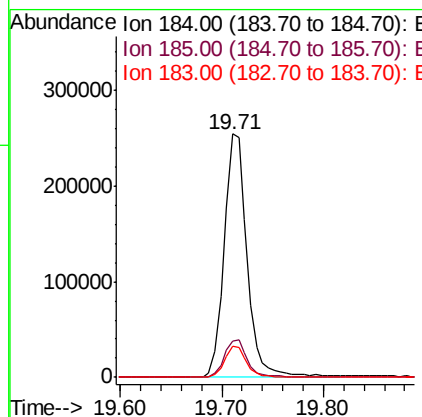
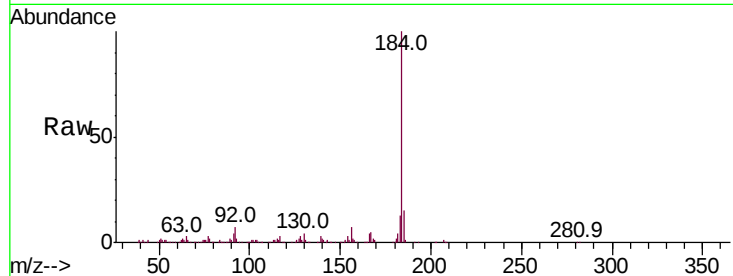
ClientSampleId :

PB114322BS

Tot Ion:	184	Resp:	401161
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	12.6	10.2	15.2

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#78

Pyrene

Concen: 42.226 ng

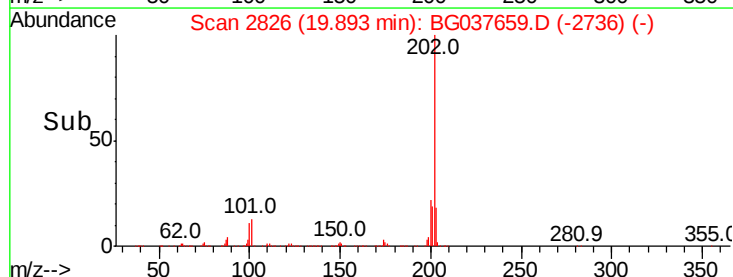
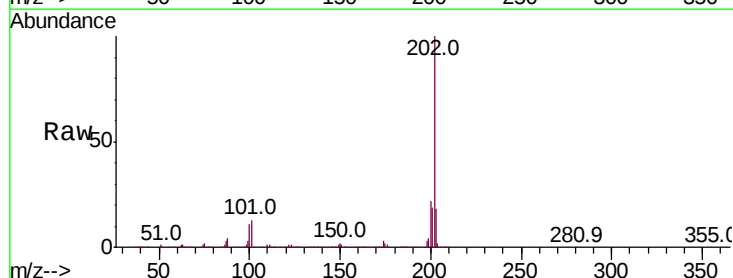
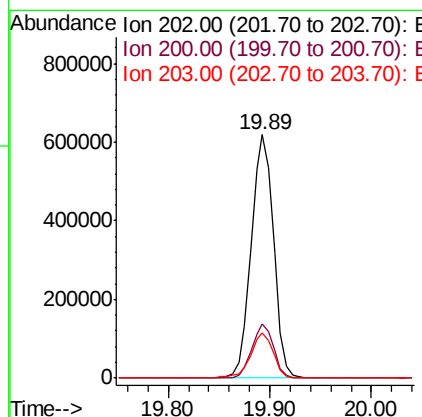
RT: 19.89 min Scan# 2826

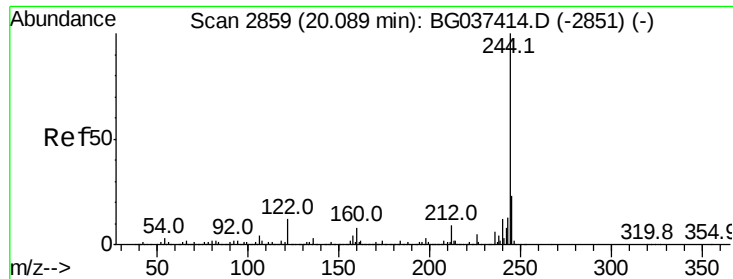
Delta R.T. -0.00 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	202	Resp:	942754
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.6
203	18.4	15.2	22.8





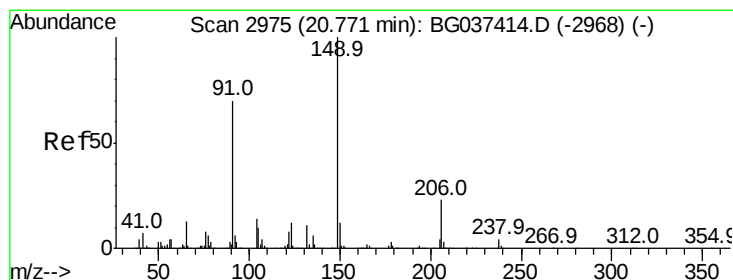
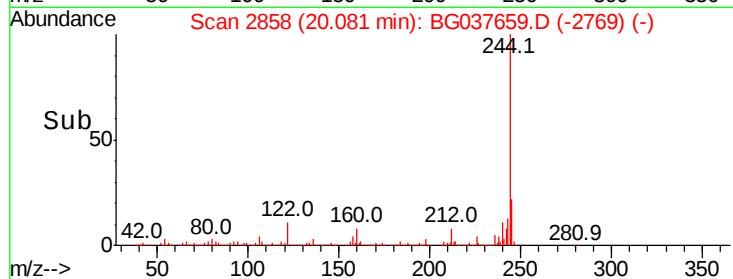
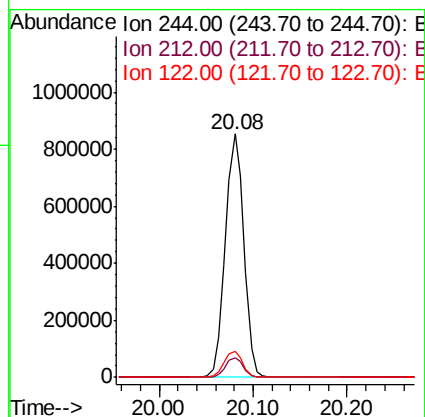
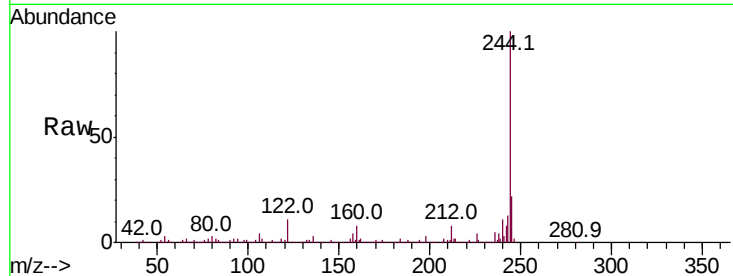
#79
 Terphenyl-d14
 Concen: 73.356 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.8	9.0	13.4

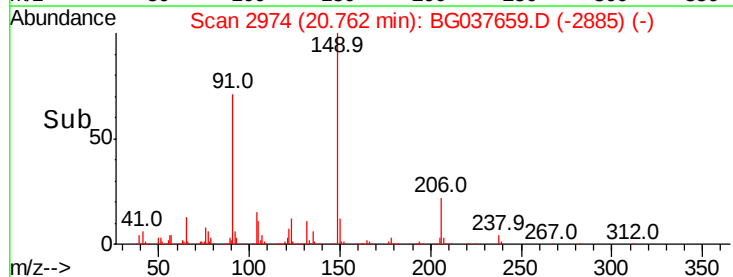
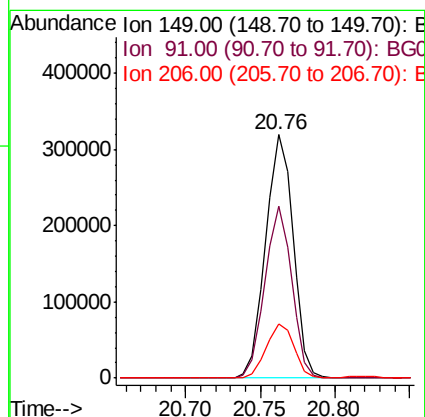
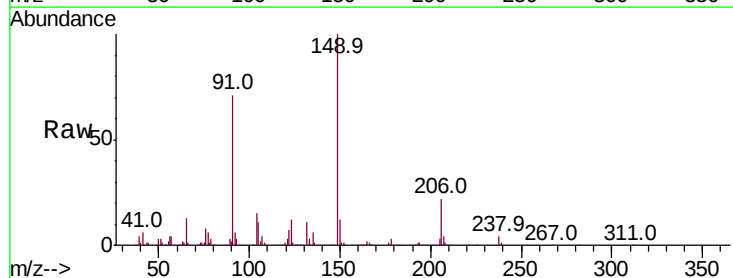
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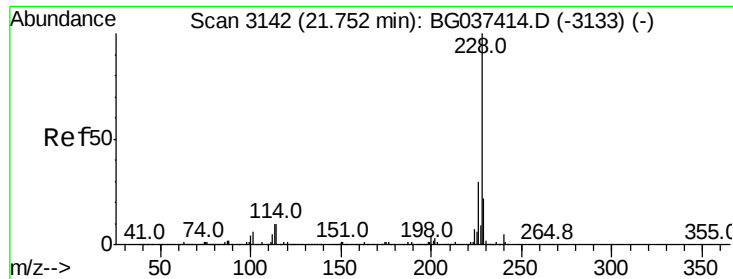
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#80
 Butylbenzylphthalate
 Concen: 44.705 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.01 min
 Lab File: BG037659.D
 Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.0	85.4
206	22.2	17.8	26.6





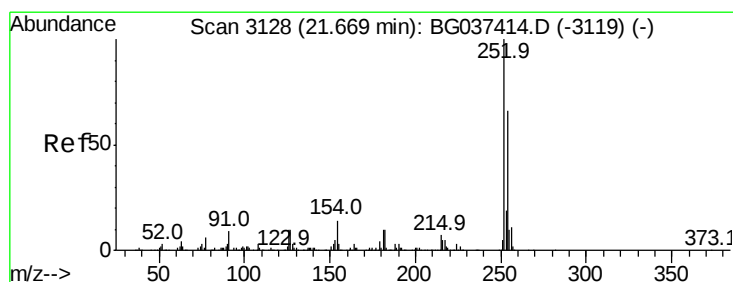
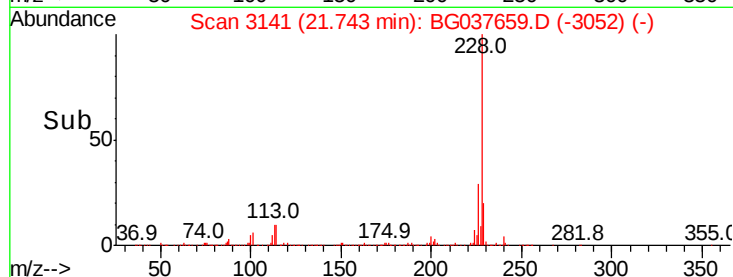
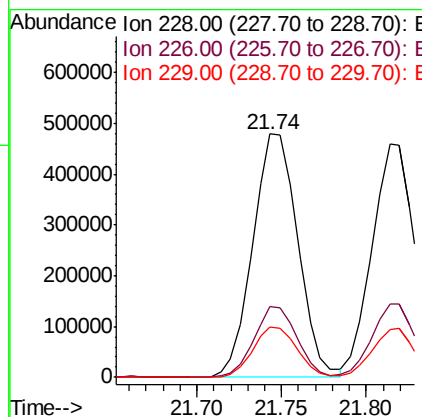
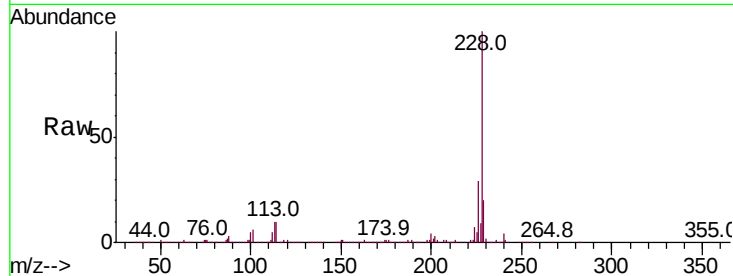
#81
Benzo(a)anthracene
Concen: 43.777 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.4	16.3	24.5

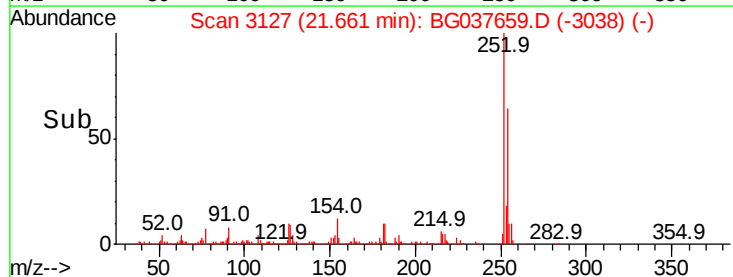
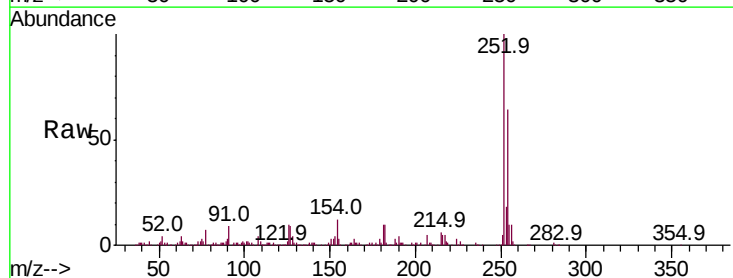
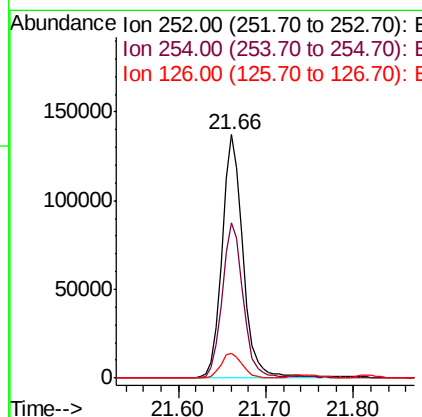
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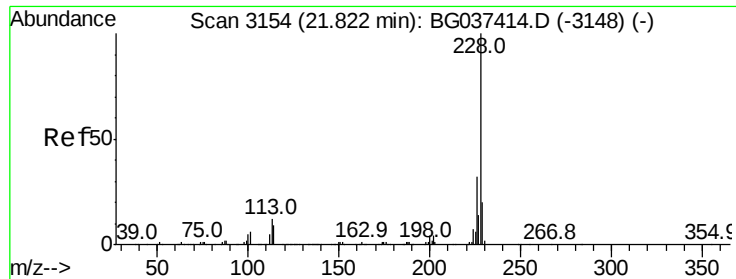
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#82
3,3'-Dichlorobenzidine
Concen: 29.125 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.0	78.0
126	10.0	8.2	12.4





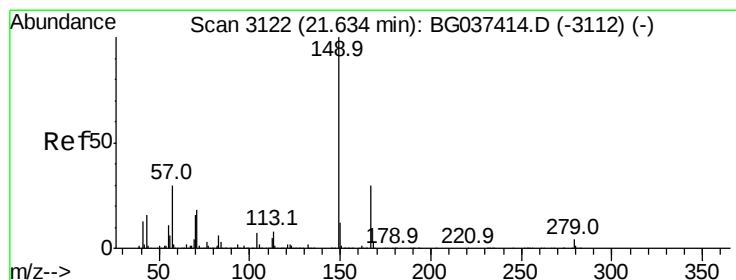
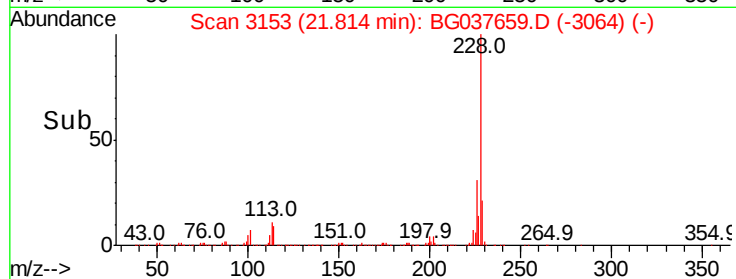
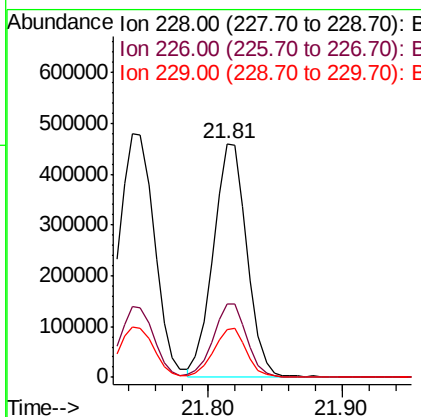
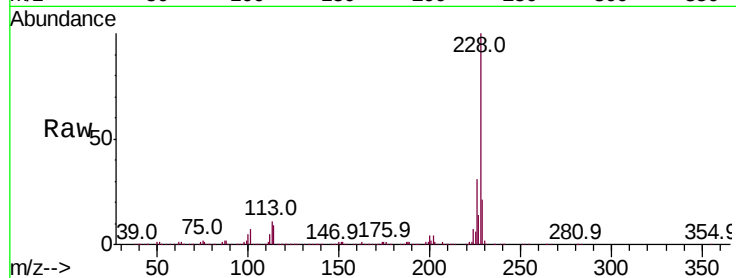
#83
Chrysene
Concen: 41.763 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.6	16.5	24.7

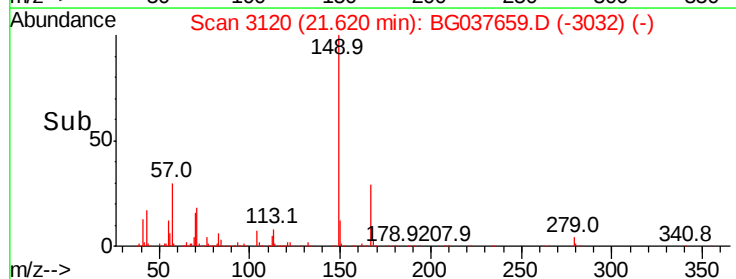
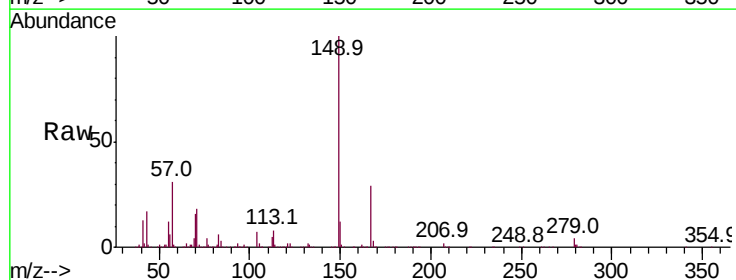
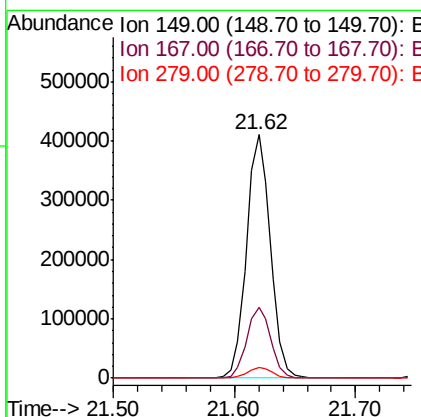
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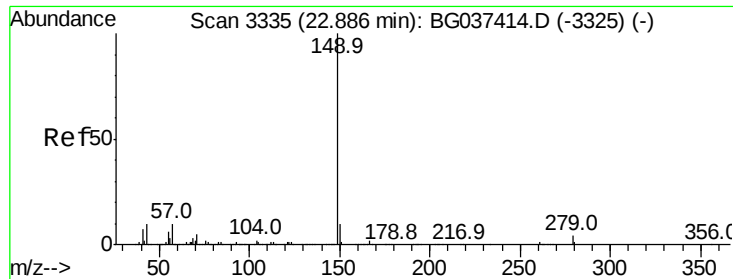
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.241 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 46.306 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

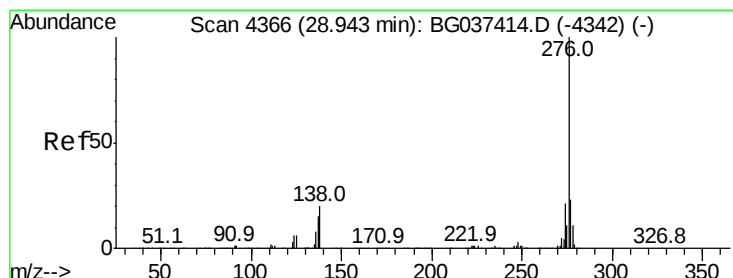
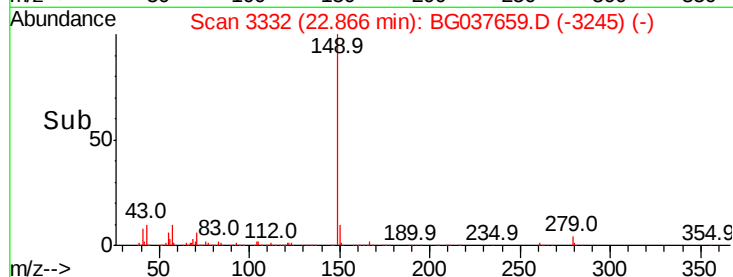
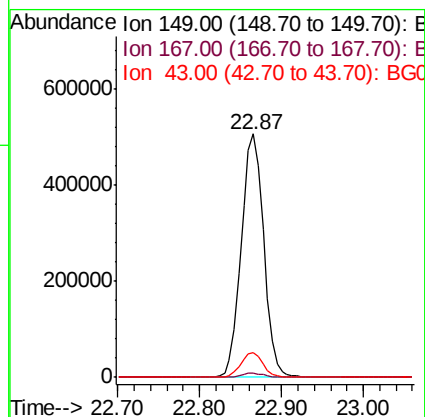
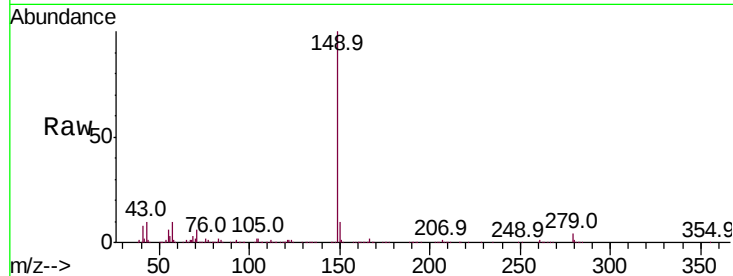
ClientSampleId :

PB114322BS

Tot Ion:	149	Resp:	967128
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.8	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.924 ng

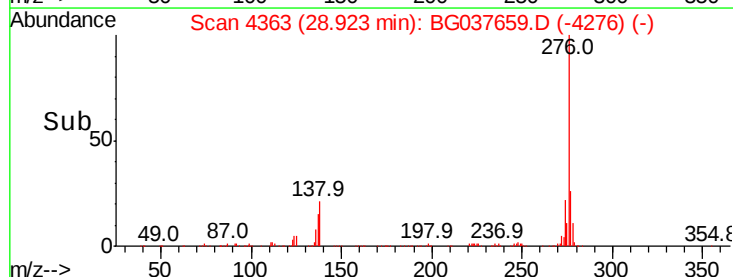
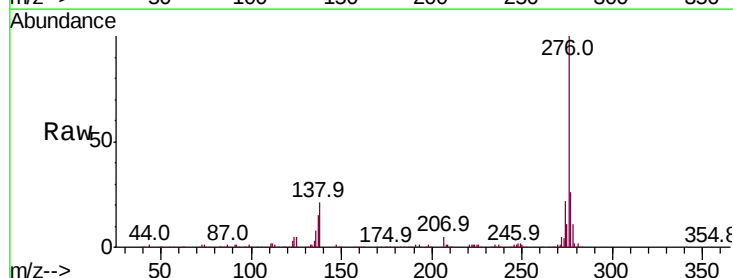
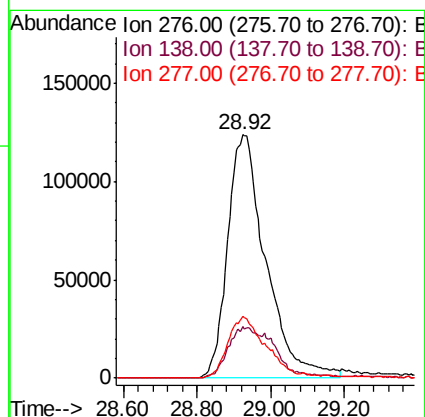
RT: 28.92 min Scan# 4363

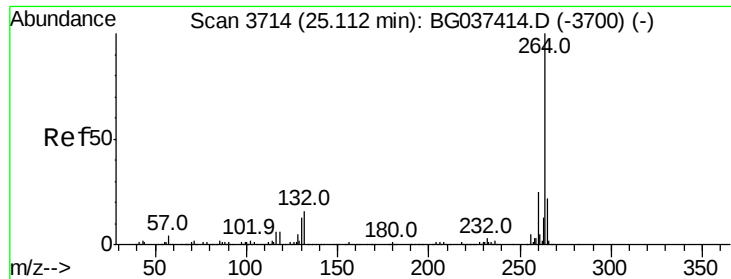
Delta R.T. -0.02 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Tgt Ion:	276	Resp:	894303
Ion Ratio	Lower	Upper	
276	100		
138	16.9	12.0	18.0
277	25.5	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037659.D

Acq: 30 Oct 2018 18:37

Instrument :

BNA_G

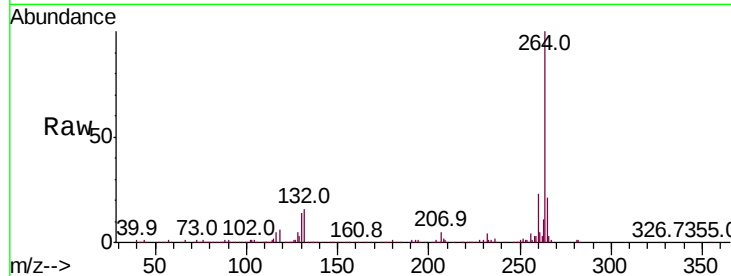
ClientSampleId :

PB114322BS

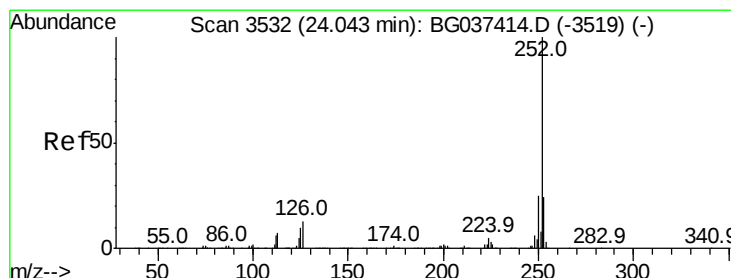
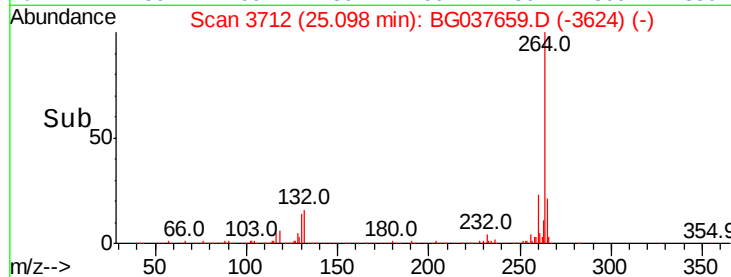
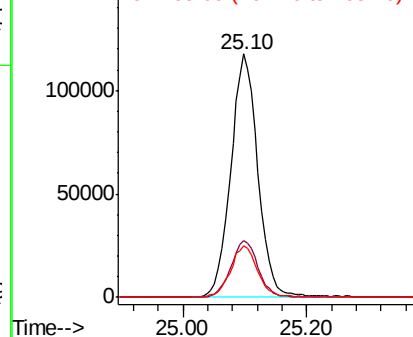
Tot Ion:	264	Resp:	357411
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.3	17.9	26.9

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



#88

Benzo(b)fluoranthene

Concen: 44.365 ng

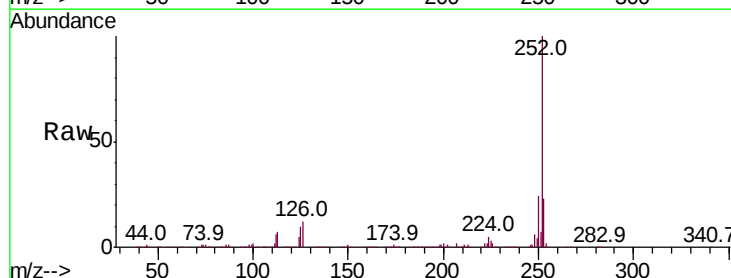
RT: 24.03 min Scan# 3531

Delta R.T. -0.01 min

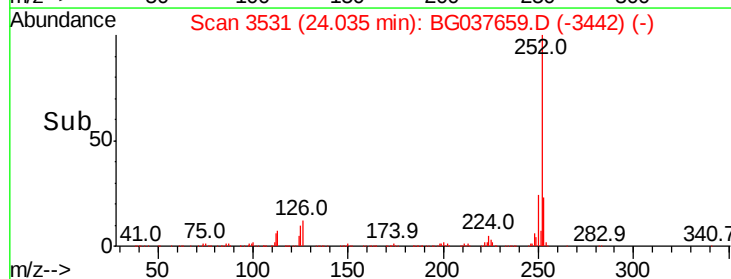
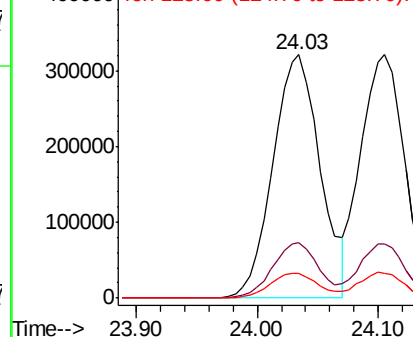
Lab File: BG037659.D

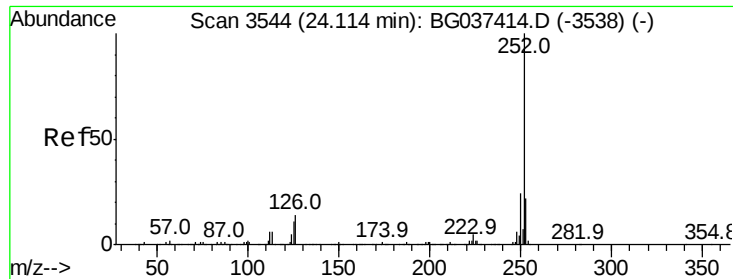
Acq: 30 Oct 2018 18:37

Tgt Ion:	252	Resp:	869312
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	10.0	7.8	11.6



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





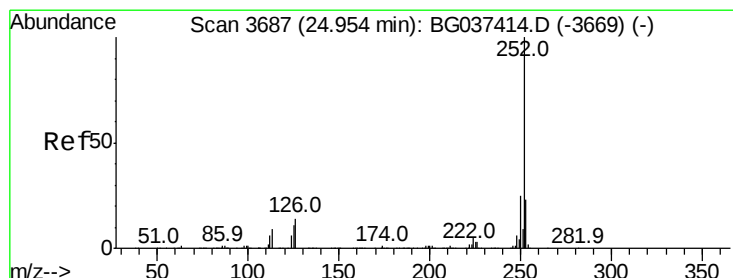
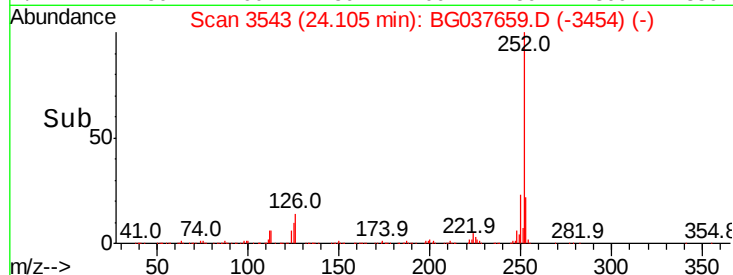
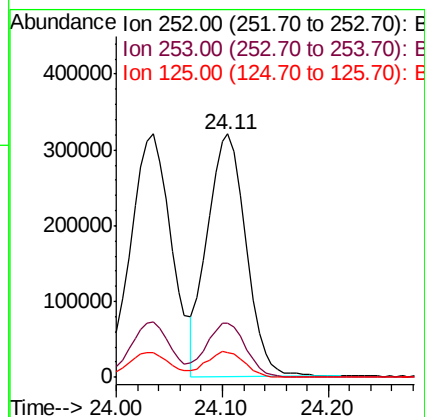
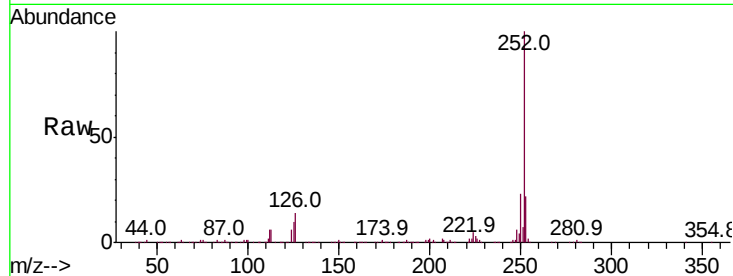
#89
Benzo(k)fluoranthene
Concen: 42.324 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.0	7.4	11.0

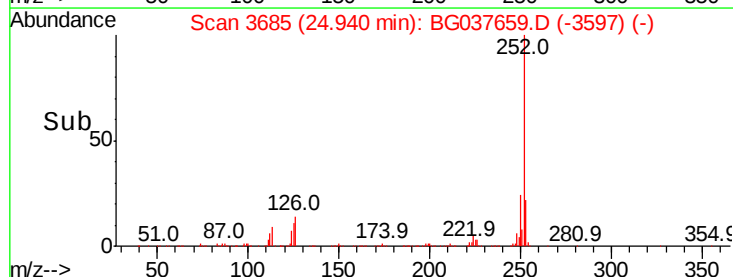
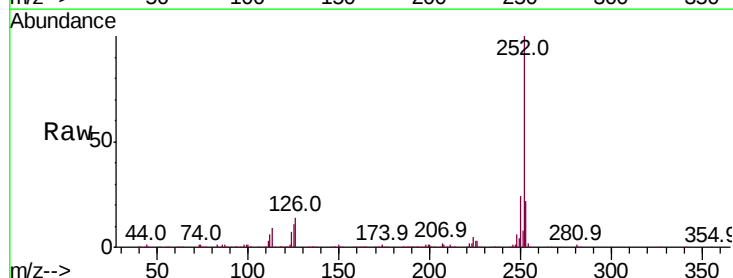
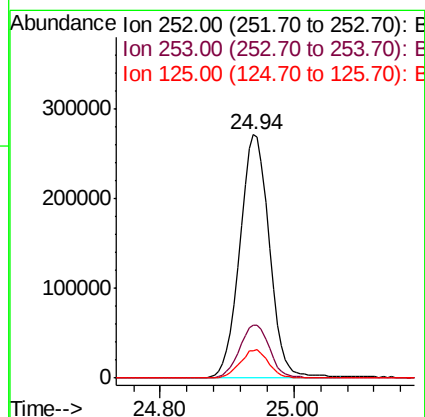
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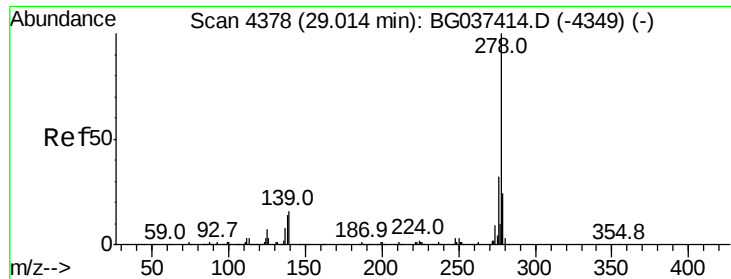
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#90
Benzo(a)pyrene
Concen: 44.506 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.3	9.0	13.6





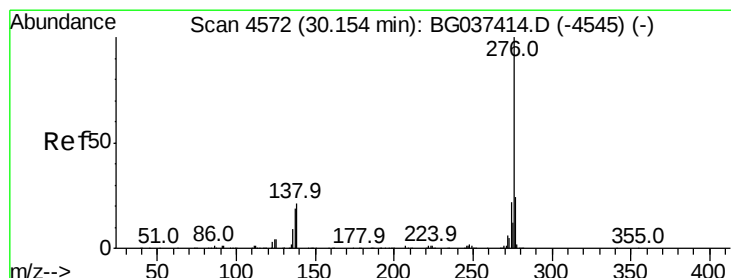
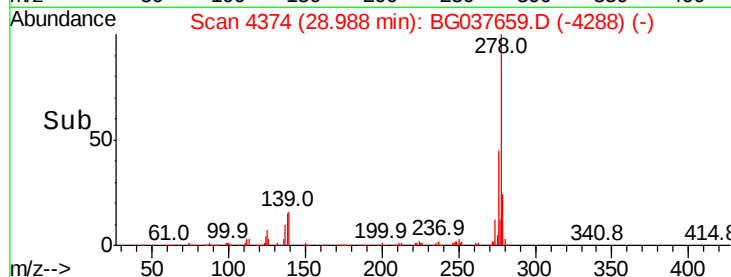
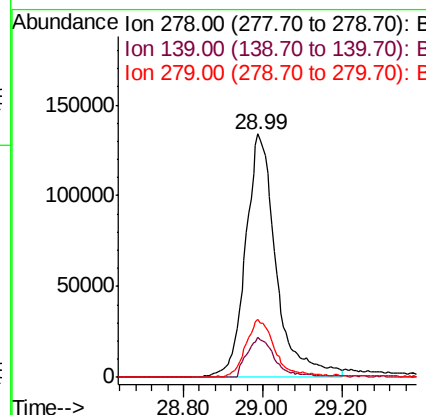
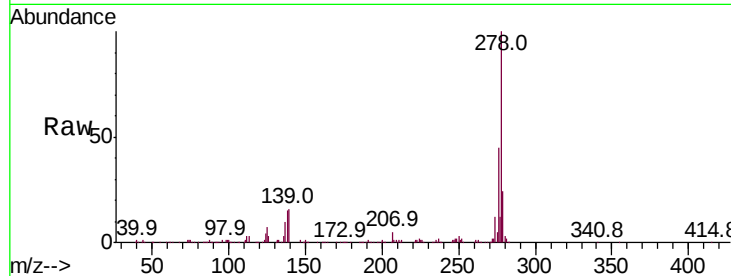
#91
Dibenzo(a,h)anthracene
Concen: 41.920 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.03 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	23.8	18.6	27.8

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#92
Benzo(g,h,i)perylene
Concen: 41.747 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037659.D
Acq: 30 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.9	28.3
138	21.9	17.2	25.8

