

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037995.D
 Acq On : 14 Nov 2018 2:31
 Operator : JU/SJ
 Sample : PB114774BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Manual Integrations
 APPROVED

Sohil
 11/14/2018 2:24:19 PM

Quant Time: Nov 14 03:18:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45948	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	201997	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	127016	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	300861	20.00	ng	0.00
76) Chrysene-d12	21.75	240	282739	20.00	ng	0.00
87) Perylene-d12	25.07	264	304588	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	354359	133.16	ng	0.00
7) Phenol-d6	7.24	99	488447	128.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	288533	76.46	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	170816	117.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	665588	76.34	ng	0.00
79) Terphenyl-d14	20.07	244	1040692	86.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	43355	34.491	ng	96
3) Pyridine	3.92	79	126245	35.208	ng	100
4) n-Nitrosodimethylamine	3.84	42	57800	44.431	ng	91
6) Aniline	7.41	93	98972	20.187	ng	98
8) 2-Chlorophenol	7.65	128	143279	46.400	ng	99
9) Benzaldehyde	7.23	77	83177	30.277	ng	98
10) Phenol	7.26	94	190806	47.420	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	134531	40.954	ng	94
12) 1,3-Dichlorobenzene	7.97	146	141822	39.867	ng	97
13) 1,4-Dichlorobenzene	8.12	146	144317	40.161	ng	99
14) 1,2-Dichlorobenzene	8.44	146	135341	39.448	ng	98
15) Benzyl Alcohol	8.33	79	123563	44.952	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	252682	41.425	ng	98
17) 2-Methylphenol	8.52	107	127806	46.981	ng	99
18) Hexachloroethane	9.17	117	51248	39.186	ng	91
19) n-Nitroso-di-n-propylamine	8.89	70	107310	39.040	ng	99
20) 3+4-Methylphenols	8.85	107	176402	45.743	ng	99
22) Acetophenone	8.92	105	203601	40.511	ng	# 99
24) Nitrobenzene	9.31	77	161755	41.904	ng	96
25) Isophorone	9.82	82	307300	45.245	ng	97
26) 2-Nitrophenol	10.02	139	77817	40.381	ng	98
27) 2,4-Dimethylphenol	10.06	122	148425	51.119	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	191923	44.191	ng	98
29) 2,4-Dichlorophenol	10.54	162	147907	45.288	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	147054	40.182	ng	98
31) Naphthalene	10.95	128	436958	43.981	ng	99
32) Benzoic acid	10.17	122	46554	30.836	ng	95
33) 4-Chloroaniline	11.07	127	52954	11.458	ng	98
34) Hexachlorobutadiene	11.22	225	85338	37.888	ng	95
35) Caprolactam	11.85	113	56011m	42.847	ng	
36) 4-Chloro-3-methylphenol	12.17	107	160004	44.844	ng	99
37) 2-Methylnaphthalene	12.55	142	325105	45.555	ng	100
38) 1-Methylnaphthalene	12.78	142	308994	44.981	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	163782	38.589	ng	98

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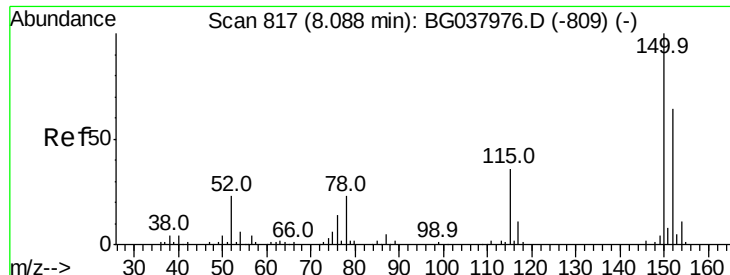
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	218036	95.936	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	121649	42.061	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	131960	43.363	ng	97
46) 1,1'-Biphenyl	13.56	154	416870	39.067	ng	99
47) 2-Chloronaphthalene	13.60	162	329401	40.454	ng	98
48) 2-Nitroaniline	13.81	65	110840	43.251	ng	98
49) Acenaphthylene	14.45	152	546392	44.622	ng	99
50) Dimethylphthalate	14.17	163	433054	43.006	ng	99
51) 2,6-Dinitrotoluene	14.30	165	100251	43.989	ng	93
52) Acenaphthene	14.79	154	318564	43.215	ng	97
53) 3-Nitroaniline	14.63	138	39121	15.556	ng	# 97
54) 2,4-Dinitrophenol	14.84	184	89492	73.599	ng	94
55) Dibenzofuran	15.12	168	511486	41.962	ng	99
56) 4-Nitrophenol	14.93	139	174954	90.204	ng	98
57) 2,4-Dinitrotoluene	15.09	165	139740	45.066	ng	# 94
58) Fluorene	15.77	166	414523	45.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	117478	46.135	ng	97
60) Diethylphthalate	15.53	149	448488	41.933	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	215164	40.432	ng	99
62) 4-Nitroaniline	15.80	138	108633	43.484	ng	96
63) Azobenzene	16.05	77	411807	43.063	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	73902	38.835	ng	97
66) n-Nitrosodiphenylamine	15.97	169	381738	41.941	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	133852	40.534	ng	94
68) Hexachlorobenzene	16.76	284	138043	40.499	ng	99
69) Atrazine	16.91	200	143349	42.724	ng	98
70) Pentachlorophenol	17.11	266	163141	70.473	ng	96
71) Phenanthrene	17.51	178	701320	45.529	ng	100
72) Anthracene	17.61	178	705159	46.441	ng	98
73) Carbazole	17.88	167	660751	43.373	ng	100
74) Di-n-butylphthalate	18.41	149	770719	45.069	ng	99
75) Fluoranthene	19.52	202	830517	47.257	ng	98
77) Benzidine	19.70	184	268013	27.014	ng	99
78) Pyrene	19.88	202	841891	45.543	ng	99
80) Butylbenzylphthalate	20.75	149	360678	44.616	ng	99
81) Benzo(a)anthracene	21.73	228	793741	46.455	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	124998	18.781	ng	99
83) Chrysene	21.80	228	736344	45.042	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	507886	44.054	ng	98
85) Di-n-octyl phthalate	22.84	149	875788	46.956	ng	98
86) Indeno(1,2,3-cd)pyrene	28.89	276	887388	48.874	ng	99
88) Benzo(b)fluoranthene	24.01	252	778851	46.466	ng	99
89) Benzo(k)fluoranthene	24.08	252	761094	46.017	ng	98
90) Benzo(a)pyrene	24.92	252	767127	47.889	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	735681	47.732	ng	96
92) Benzo(g,h,i)perylene	30.09	276	731912	47.759	ng	100

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



#1

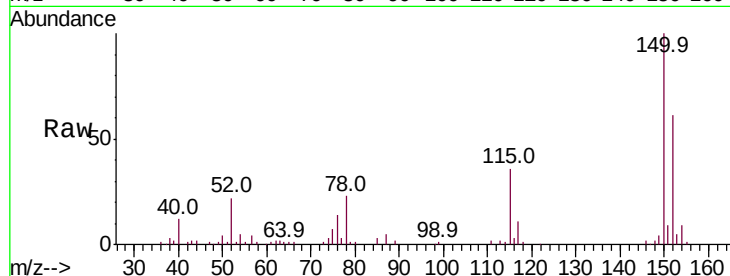
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
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PB114774BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	126.0	189.0
115	58.5	45.5	68.3

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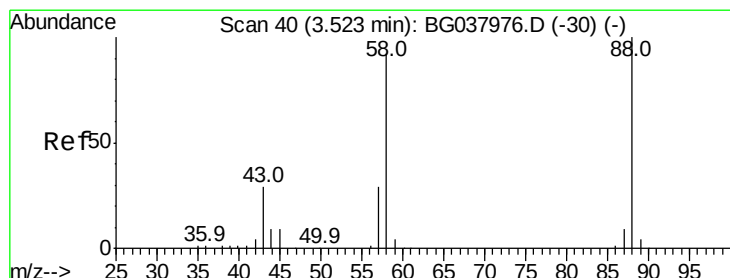
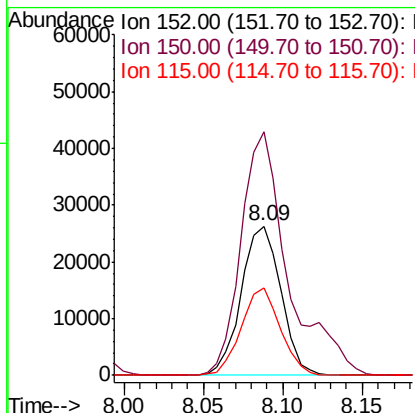
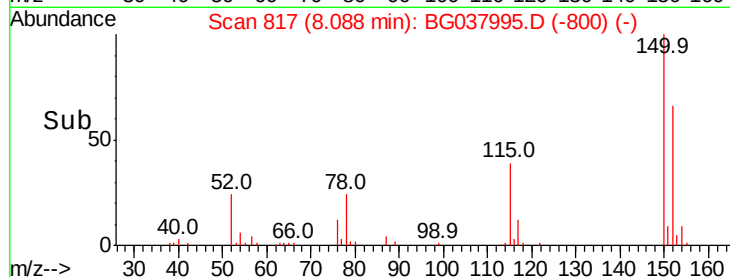


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

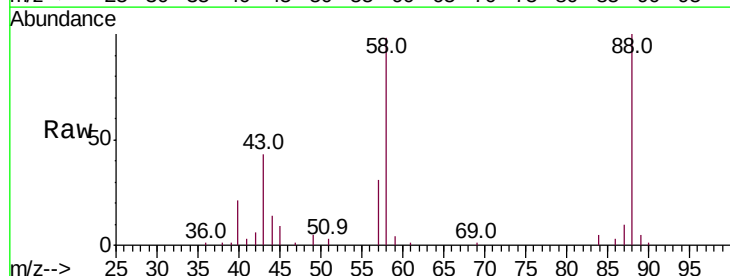
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.491 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	74.4	111.6
43	34.3	25.8	38.8

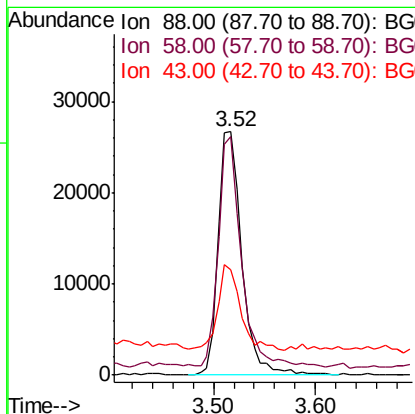
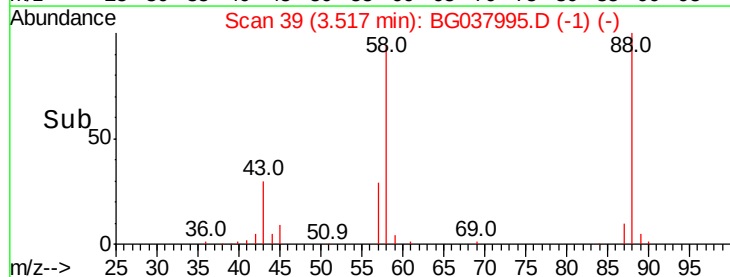


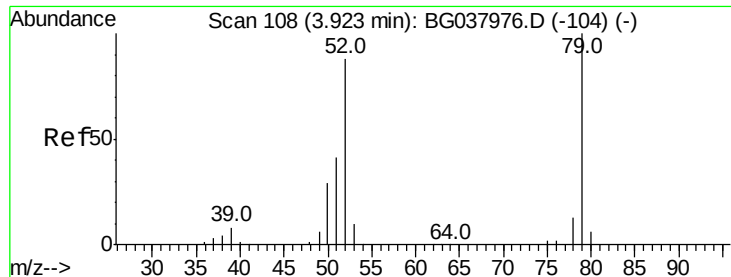
Abundance

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: 35.208 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

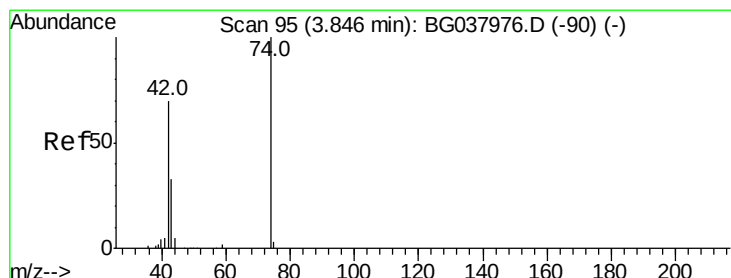
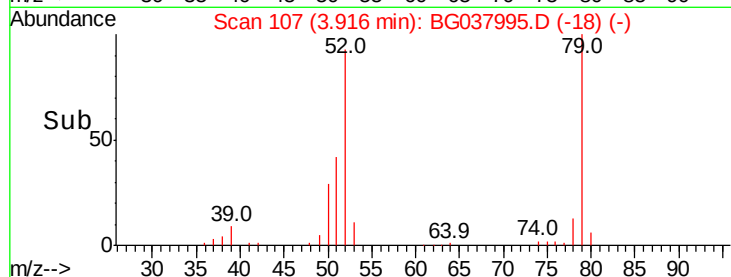
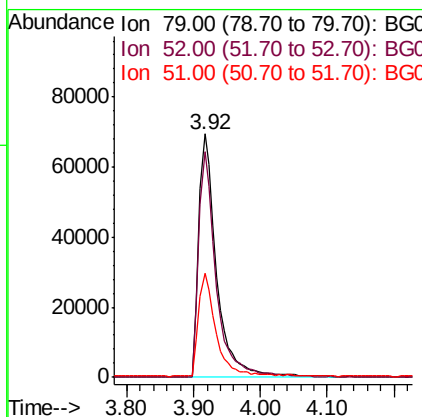
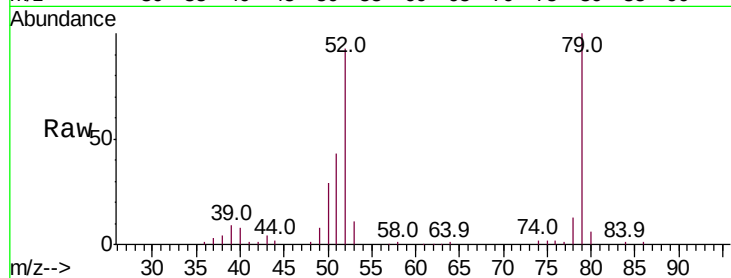
ClientSampleId :

PB114774BS

Tot Ion:	79	Resp:	126245
Ion Ratio	Lower	Upper	
79	100		
52	92.7	74.2	111.2
51	42.9	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 44.431 ng

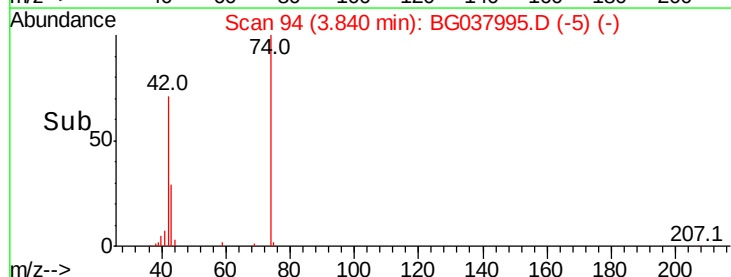
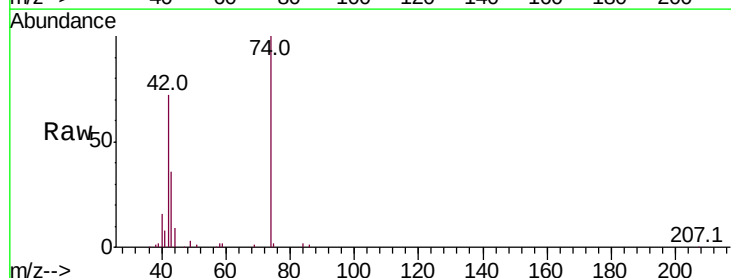
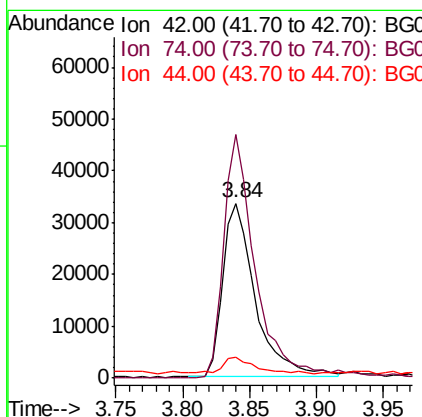
RT: 3.84 min Scan# 94

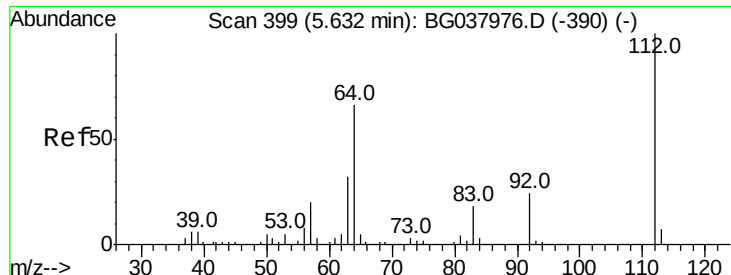
Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	42	Resp:	57800
Ion Ratio	Lower	Upper	
42	100		
74	139.3	102.0	153.0
44	11.8	9.6	14.4





#5

2-Fluorophenol

Concen: 133.156 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

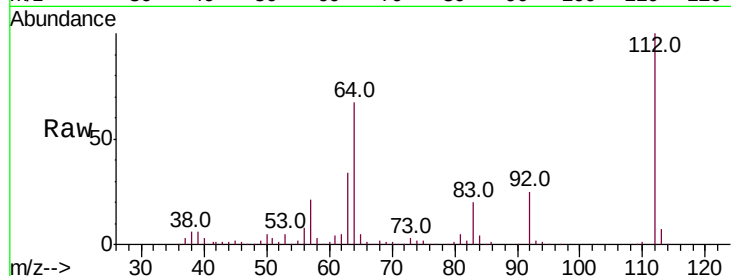
ClientSampleId :

PB114774BS

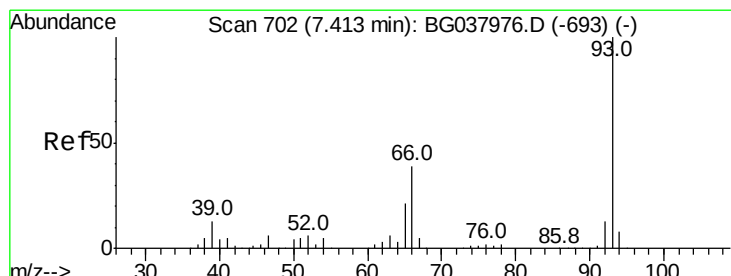
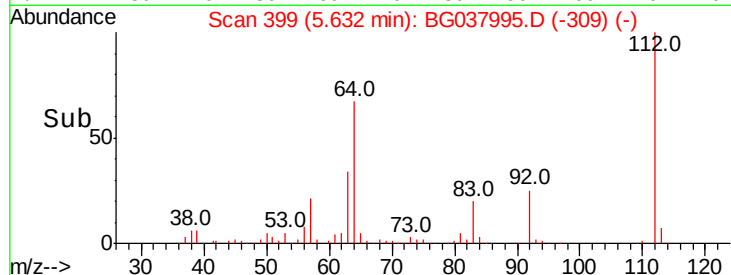
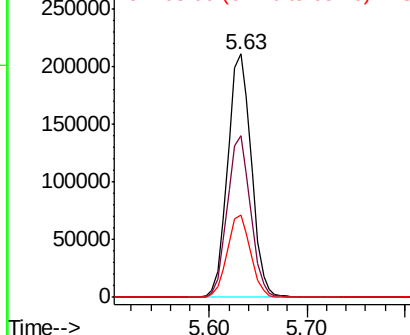
Tot Ion:	112	Resp:	354359
Ion Ratio	Lower	Upper	
112	100		
64	66.7	53.1	79.7
63	34.0	27.3	40.9

Manual Integrations
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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: 20.187 ng

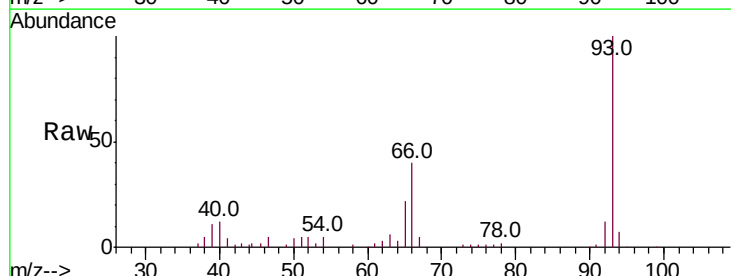
RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

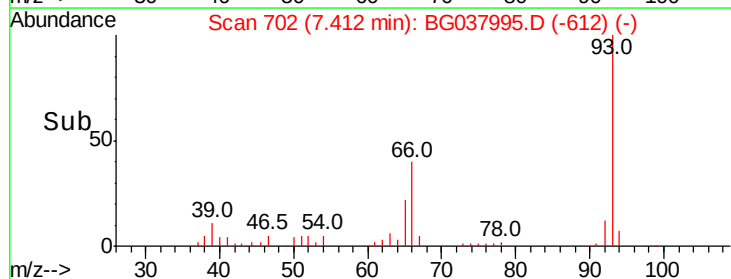
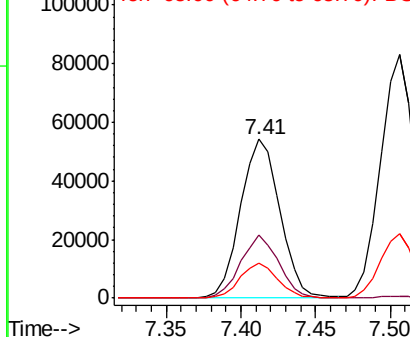
Lab File: BG037995.D

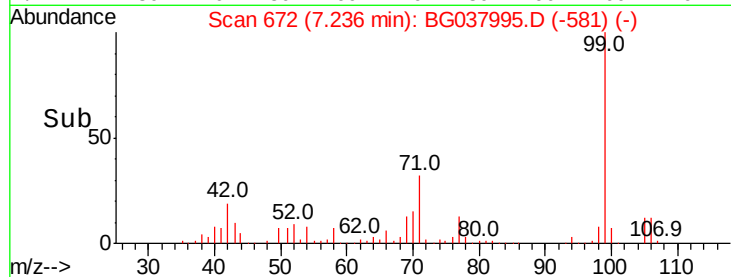
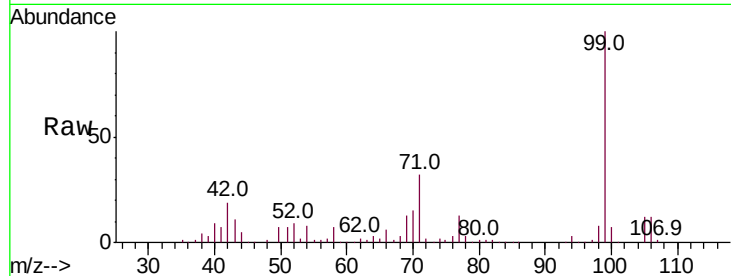
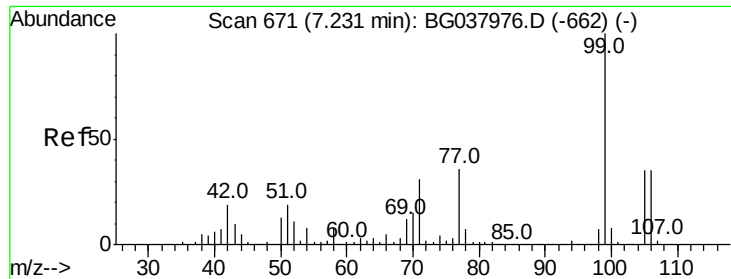
Acq: 14 Nov 2018 2:31

Tgt Ion:	93	Resp:	98972
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.8	49.2
65	22.2	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: 128.581 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tot Ion:	99	Resp:	488447
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.0	22.4
71	32.4	25.5	38.3

Instrument :

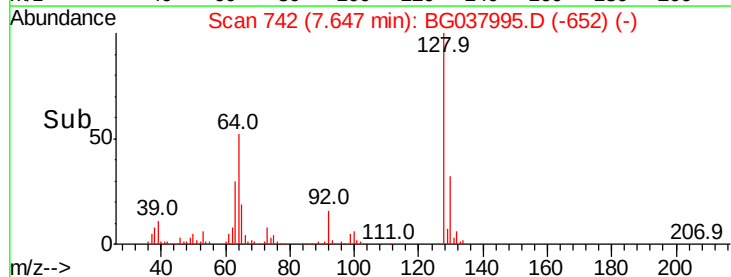
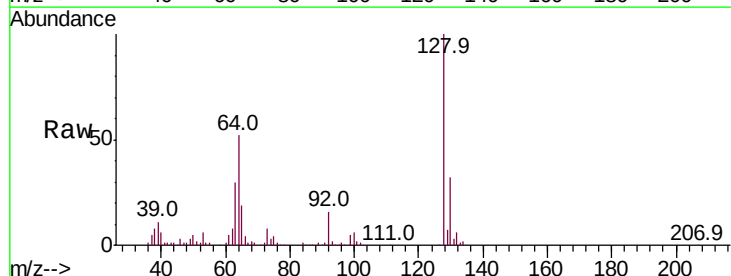
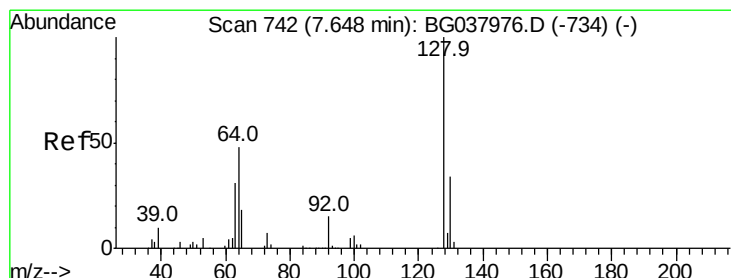
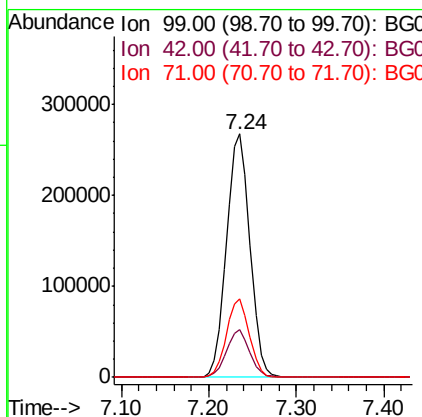
BNA_G

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#8

2-Chlorophenol

Concen: 46.400 ng

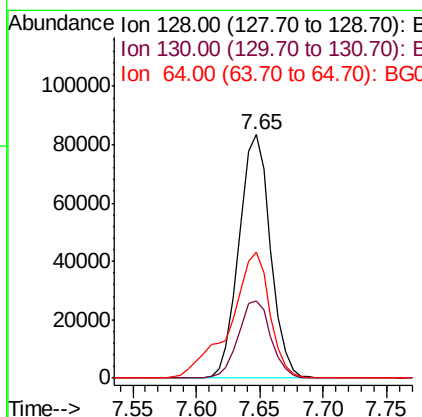
RT: 7.65 min Scan# 742

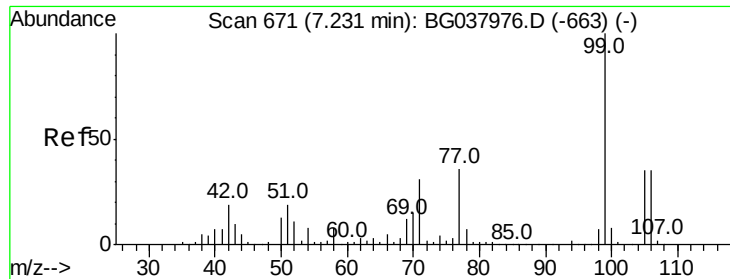
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	128	Resp:	143279
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.0	52.0
64	51.8	32.9	72.9





#9

Benzaldehyde

Concen: 30.277 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

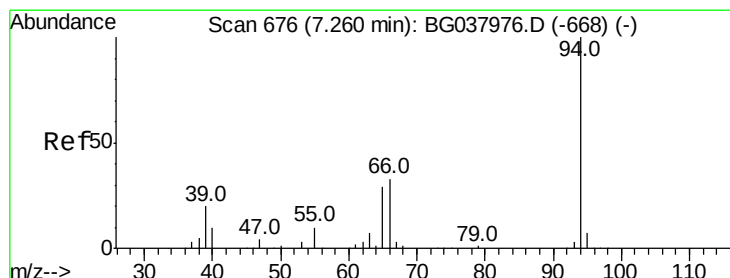
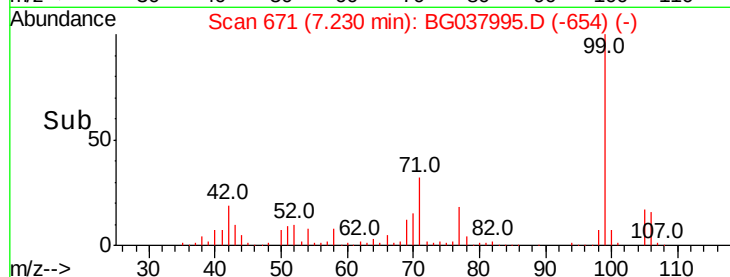
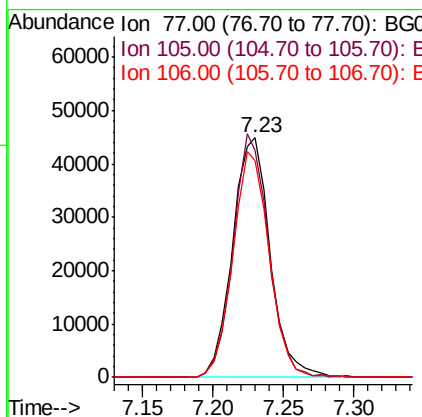
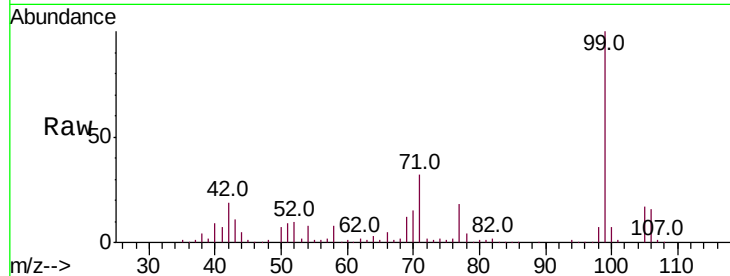
ClientSampleId :

PB114774BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.6	112.6
106	90.4	71.3	111.3

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#10

Phenol

Concen: 47.420 ng

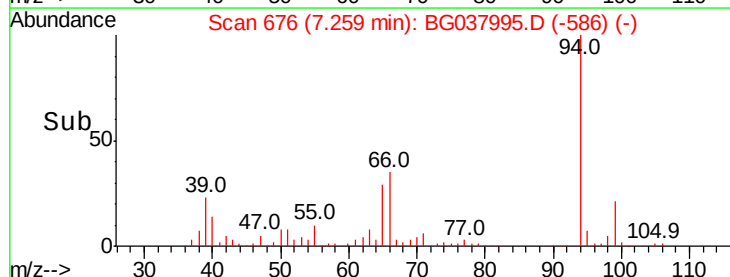
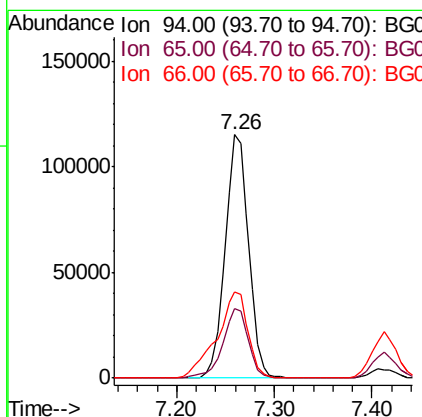
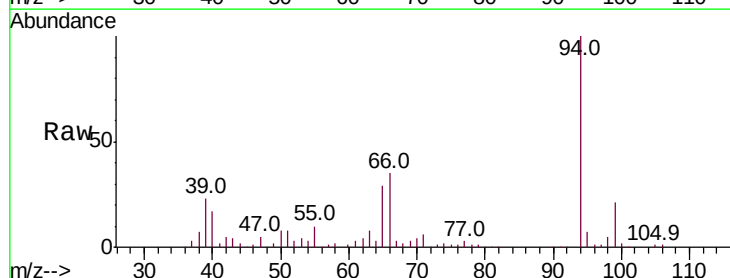
RT: 7.26 min Scan# 676

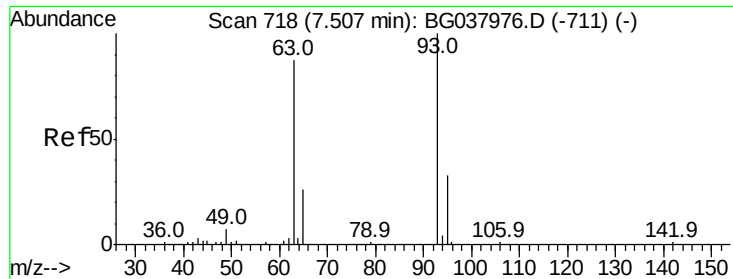
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.7	49.7
66	35.3	15.9	55.9





#11

bis(2-Chloroethyl)ether

Concen: 40.954 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

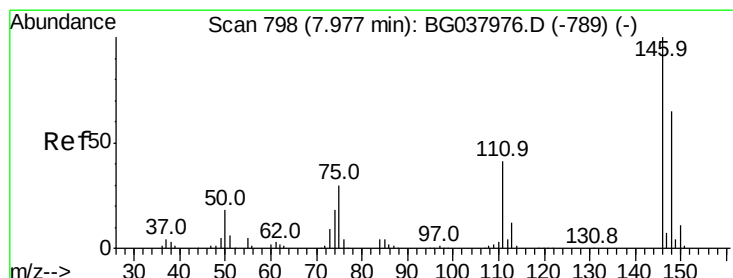
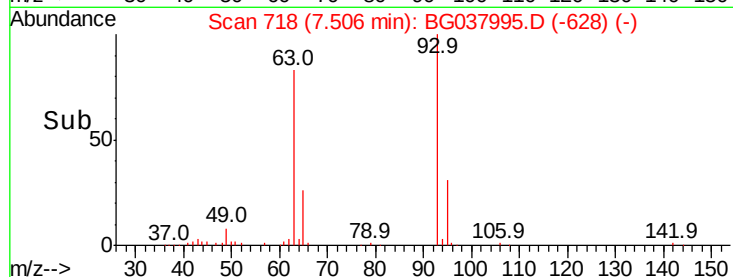
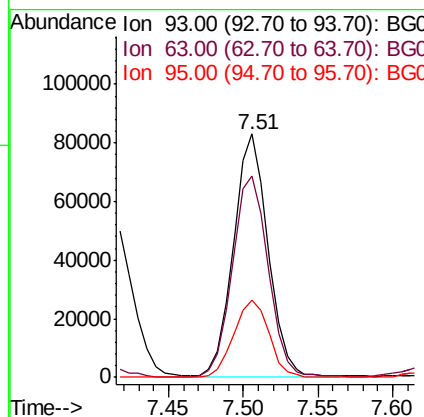
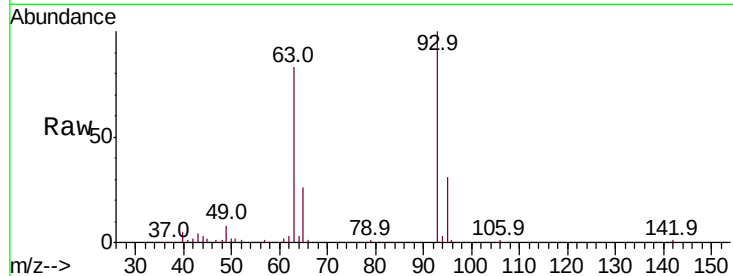
ClientSampleId :

PB114774BS

Tot Ion:	93	Resp:	134531
Ion Ratio	Lower	Upper	
93	100		
63	82.6	69.5	109.5
95	31.5	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 39.867 ng

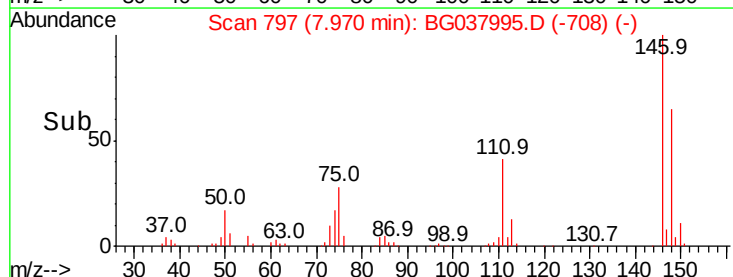
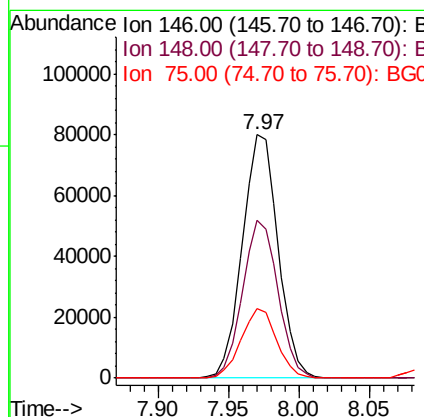
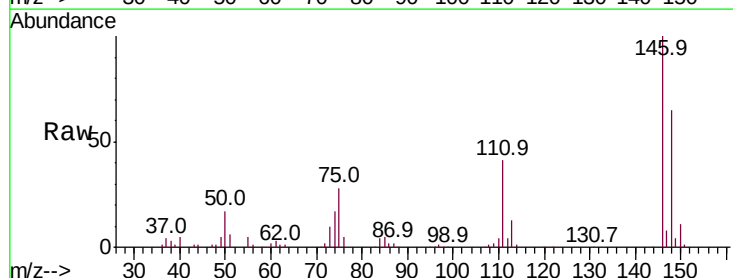
RT: 7.97 min Scan# 797

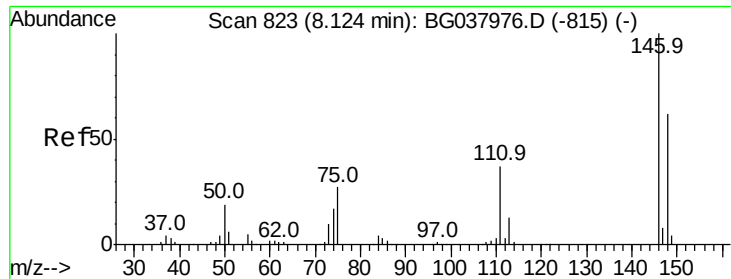
Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	146	Resp:	141822
Ion Ratio	Lower	Upper	
146	100		
148	64.9	49.8	74.8
75	28.4	23.2	34.8





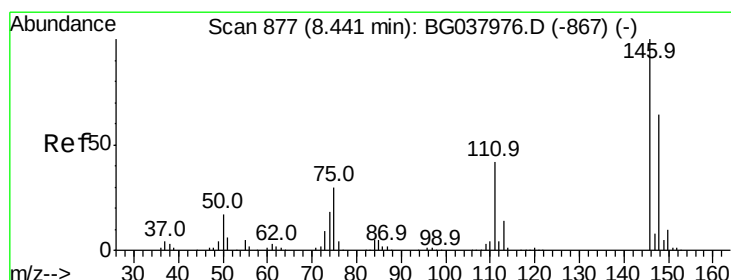
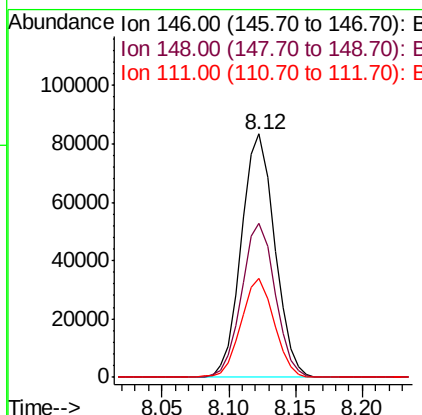
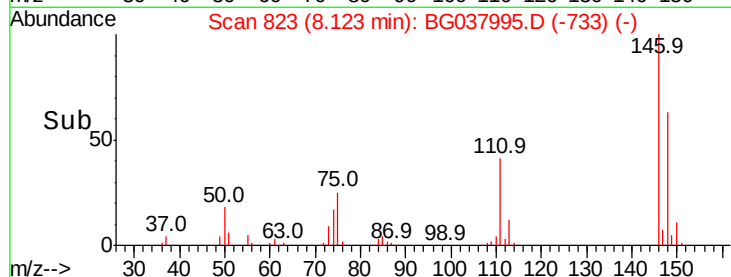
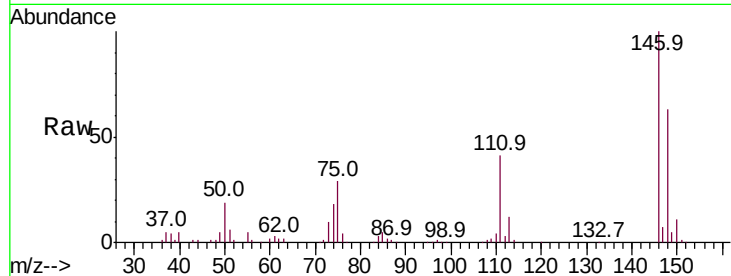
#13
 1,4-Dichlorobenzene
 Concen: 40.161 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleID :
 PB114774BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	40.7	32.4	48.6

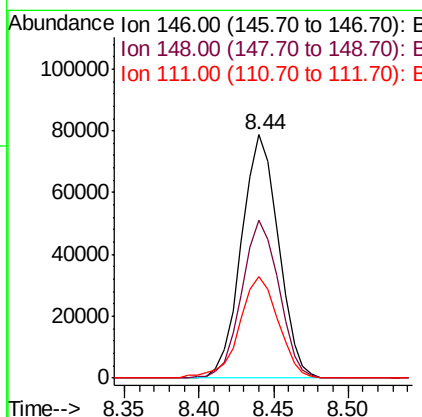
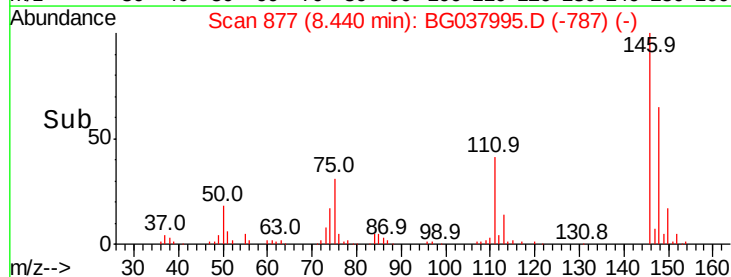
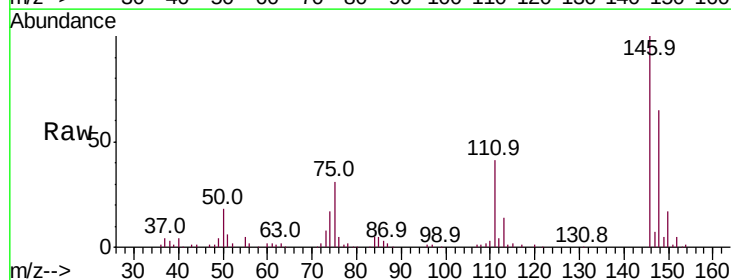
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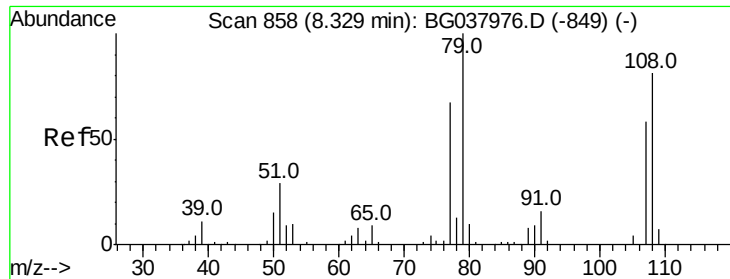
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#14
 1,2-Dichlorobenzene
 Concen: 39.448 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	41.5	34.6	51.8





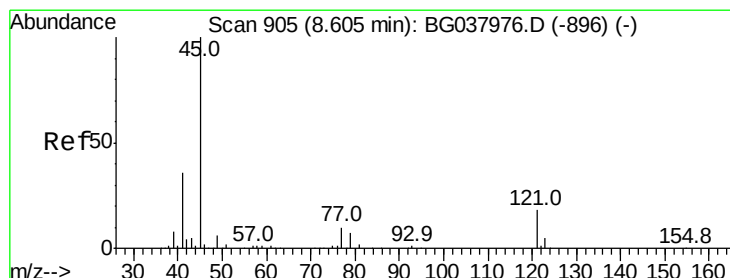
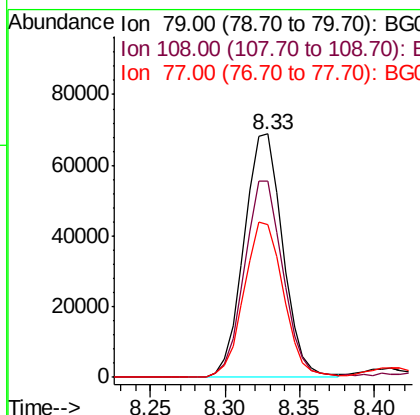
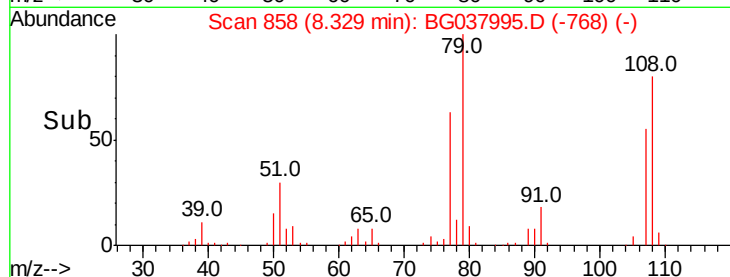
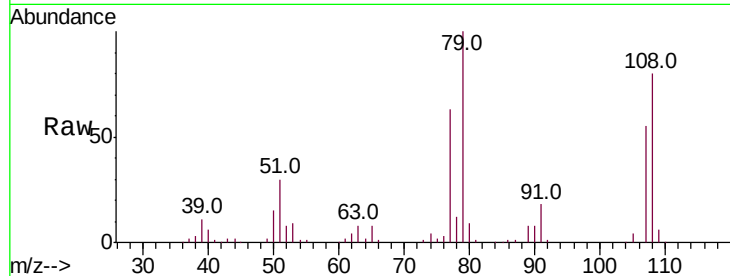
#15
Benzyl Alcohol
Concen: 44.952 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
108	80.4	65.8	98.8
77	62.9	52.9	79.3

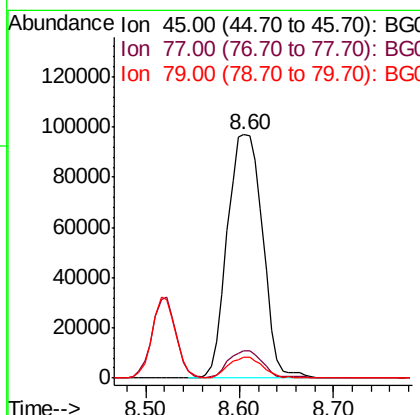
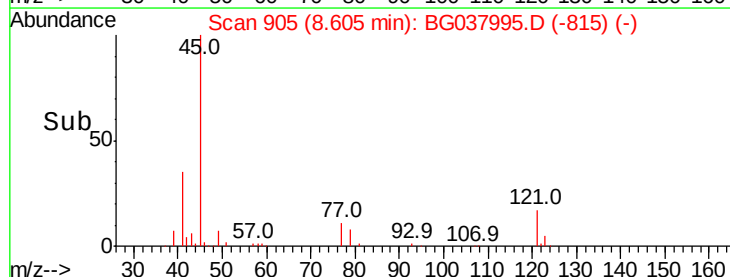
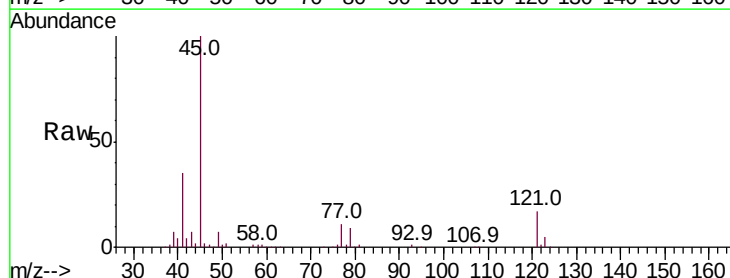
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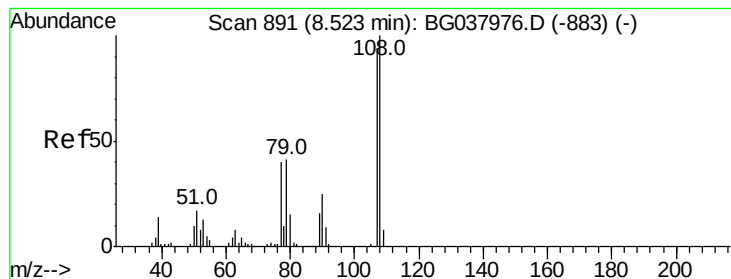
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.425 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

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





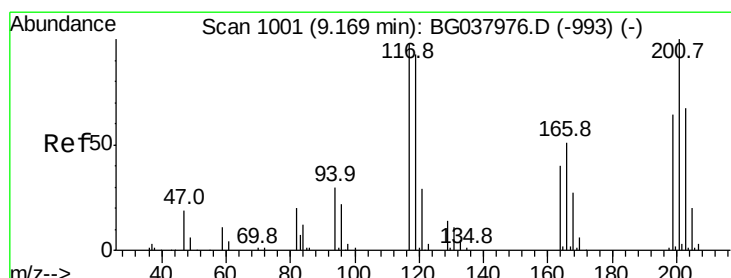
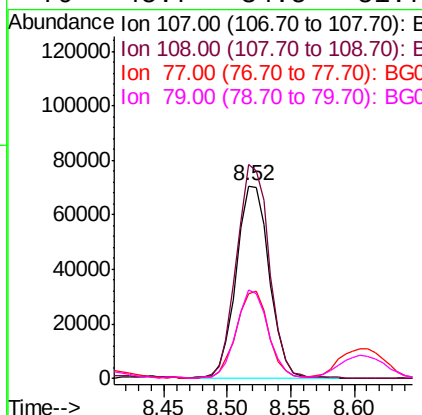
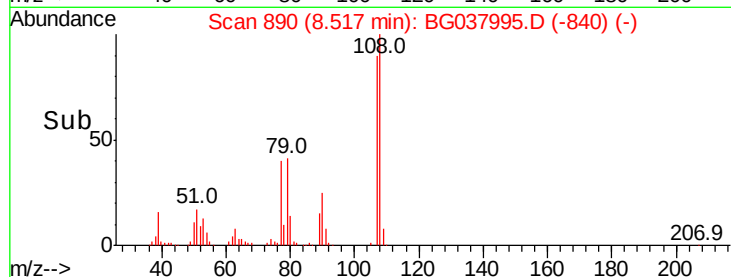
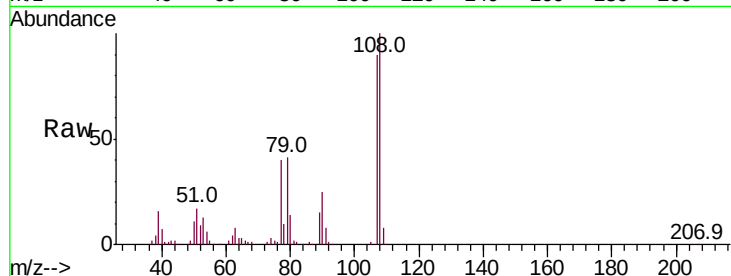
#17
2-Methylphenol
Concen: 46.981 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	110.9	87.9	131.9	
77	77	43.9	35.1	52.7	
79	79	45.7	34.5	51.7	

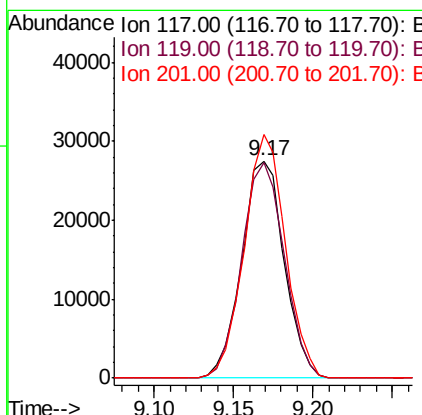
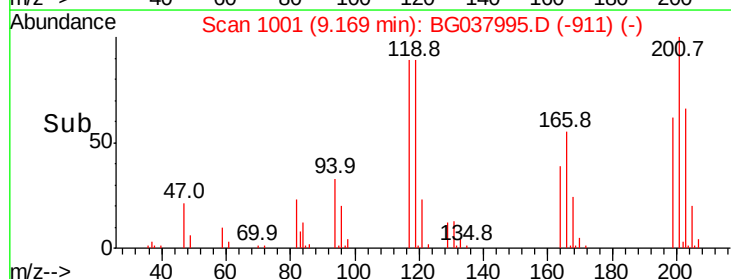
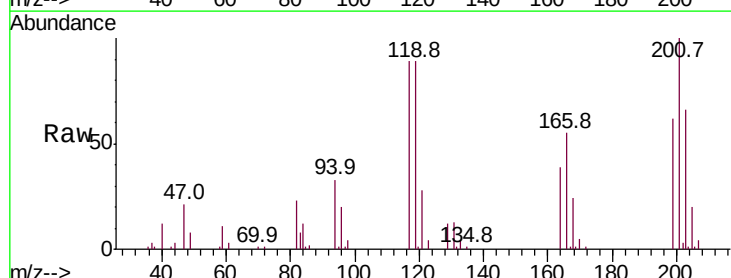
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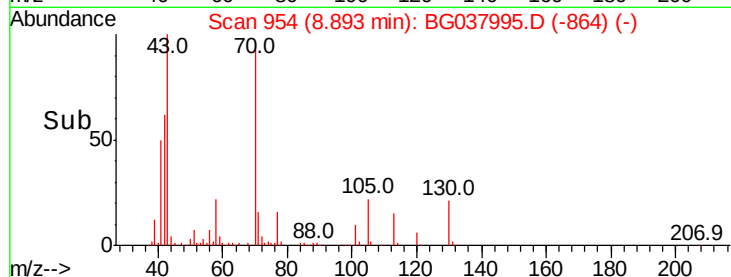
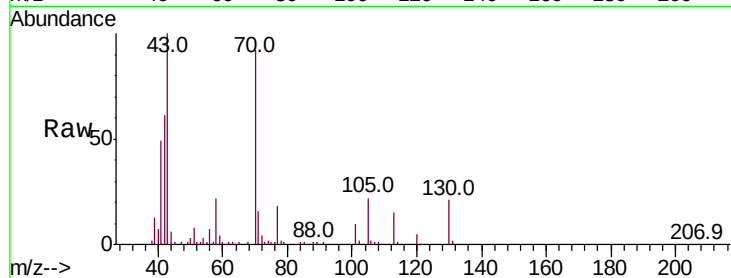
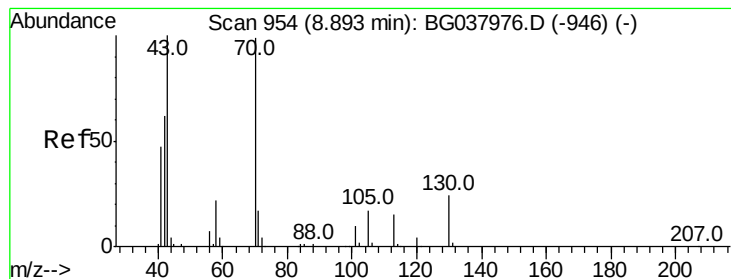
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#18
Hexachloroethane
Concen: 39.186 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	99.5	74.6	111.8	
201	201	112.3	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 39.040 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

Tot Ion: 70 Resp: 107310

Ion Ratio Lower Upper

70 100

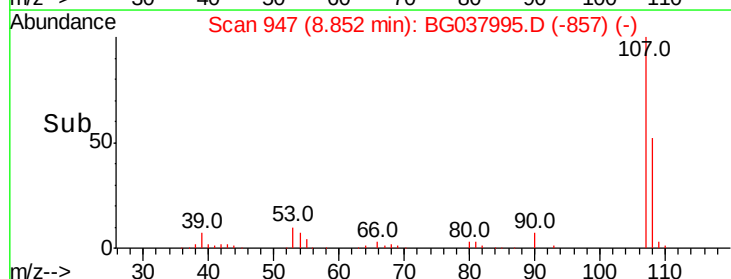
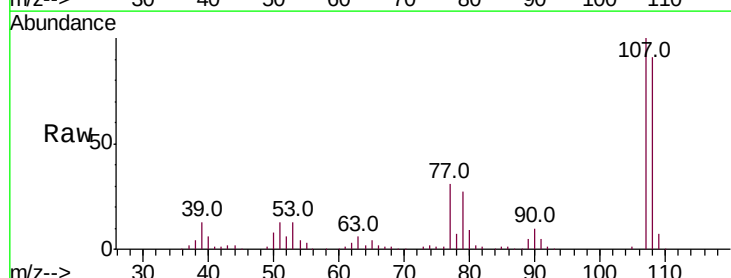
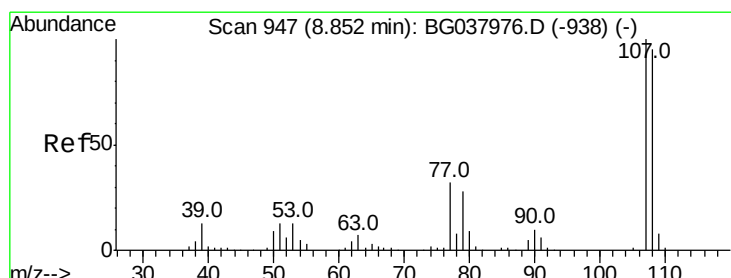
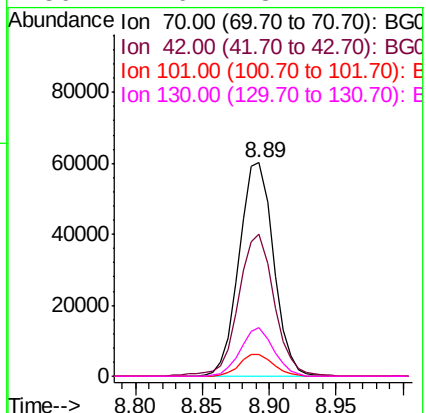
42 66.3 53.9 80.9

101 10.5 8.2 12.2

130 22.6 18.2 27.4

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#20

3+4-Methylphenols

Concen: 45.743 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion: 107 Resp: 176402

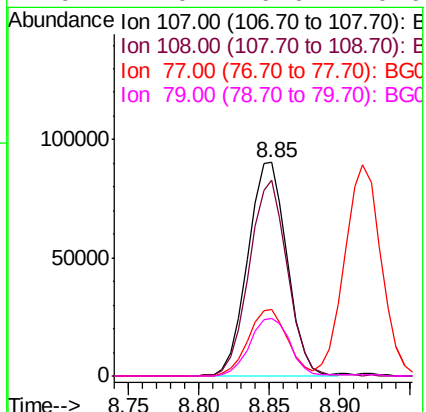
Ion Ratio Lower Upper

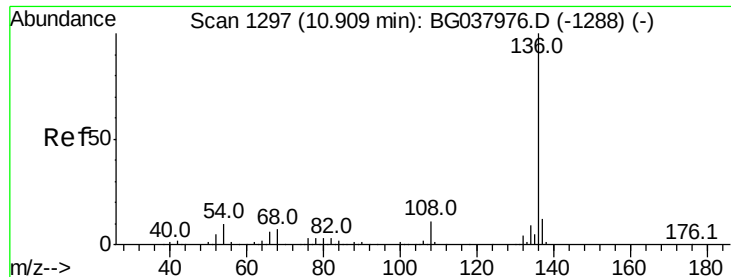
107 100

108 91.5 69.9 109.9

77 31.1 11.2 51.2

79 27.0 6.6 46.6





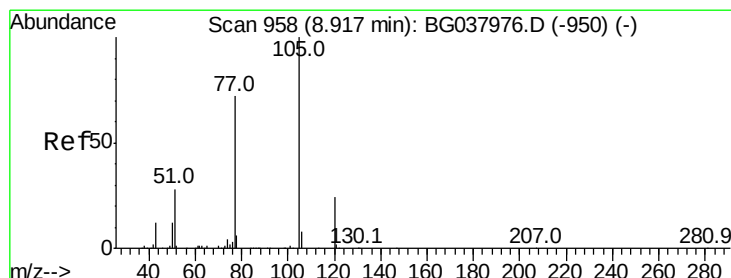
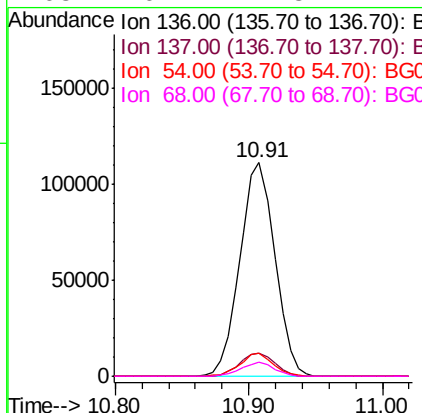
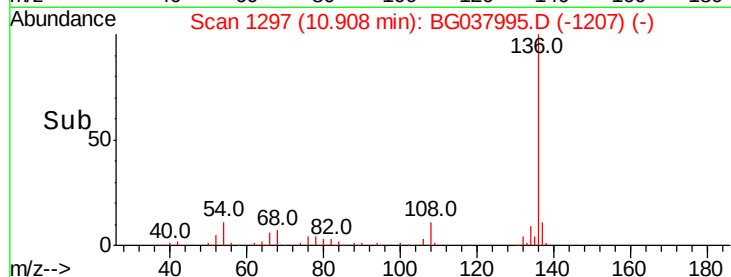
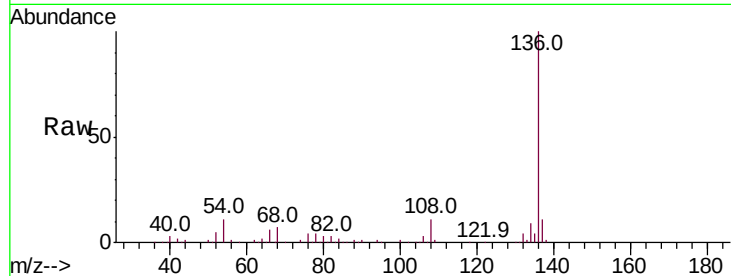
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	201997		
137	10.9		9.6	14.4
54	10.9		7.9	11.9
68	6.7		4.8	7.2

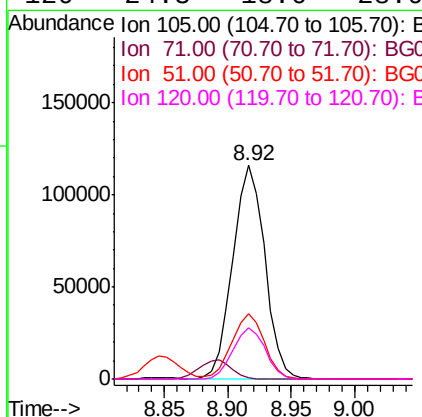
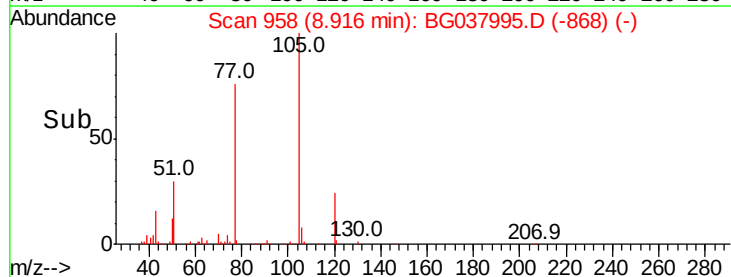
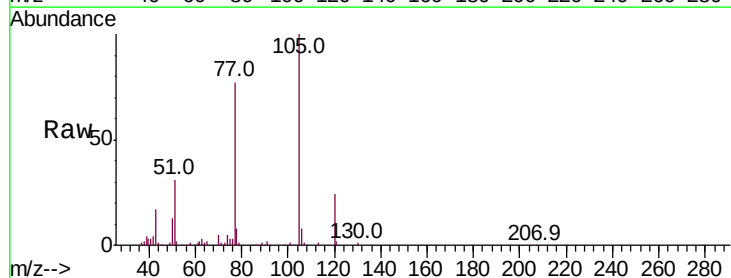
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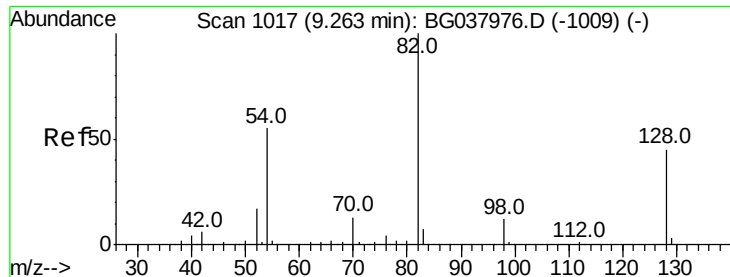
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#22
Acetophenone
Concen: 40.511 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	203601		
71	0.7		1.2	1.8#
51	30.7		25.0	37.6
120	24.3		18.6	28.0





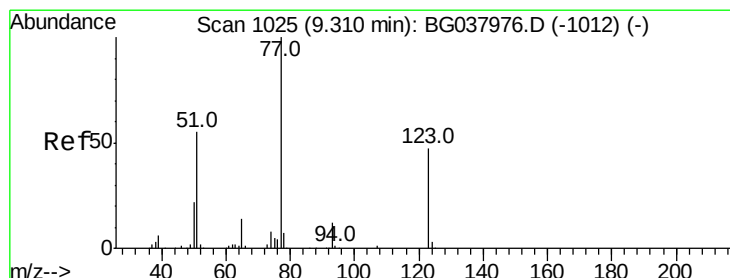
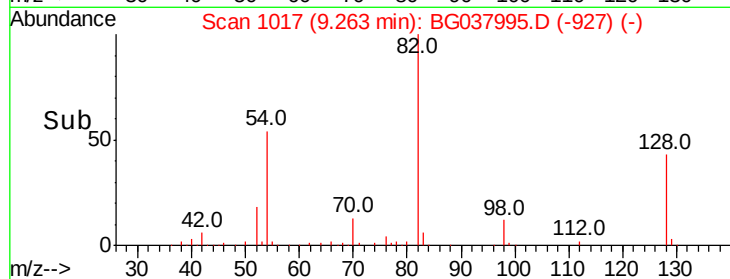
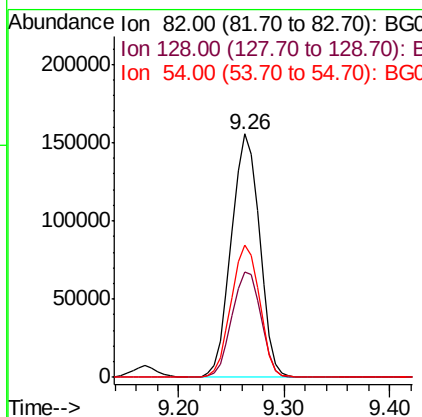
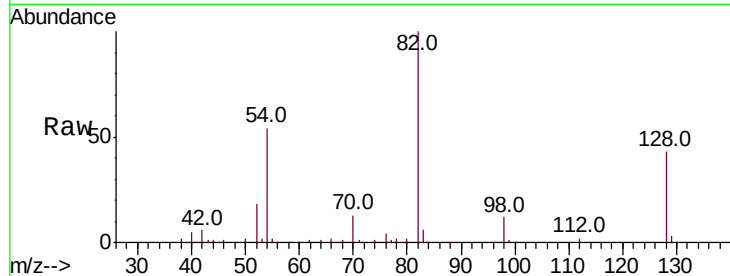
#23
Nitrobenzene-d5
Concen: 76.463 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	34.6	51.8	
54	54.4	45.3	67.9	

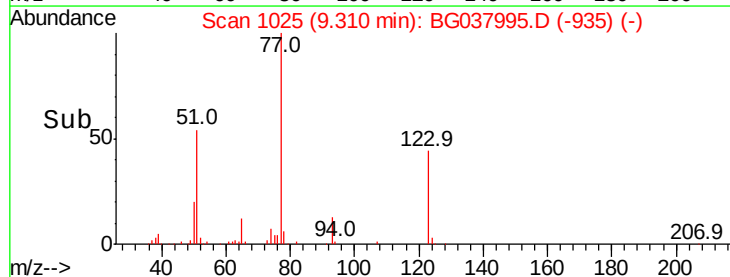
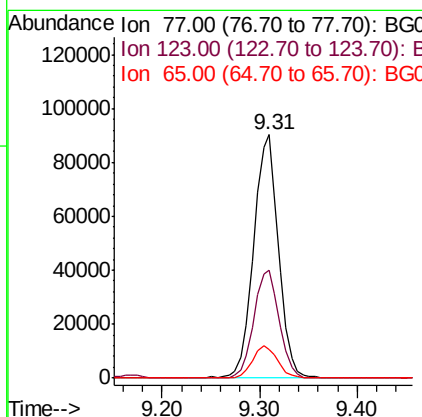
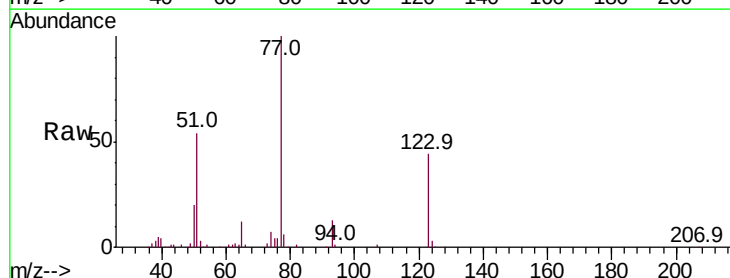
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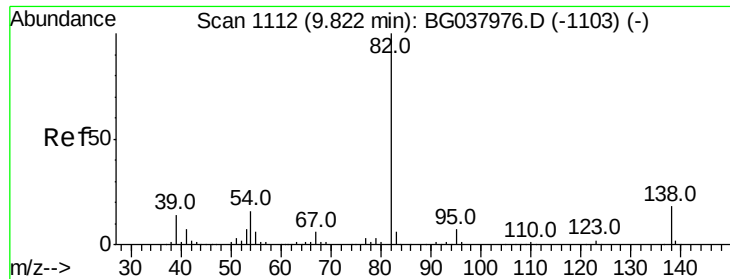
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#24
Nitrobenzene
Concen: 41.904 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.5	33.6	50.4	
65	12.0	11.3	16.9	





#25

Isophorone

Concen: 45.245 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

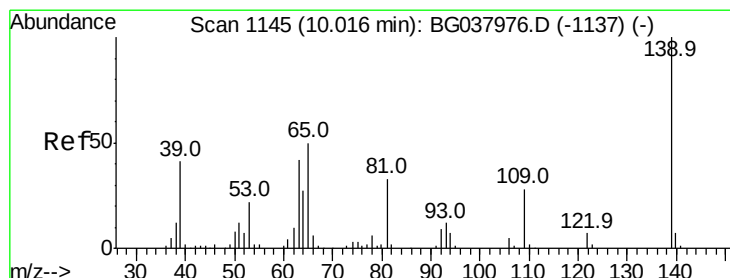
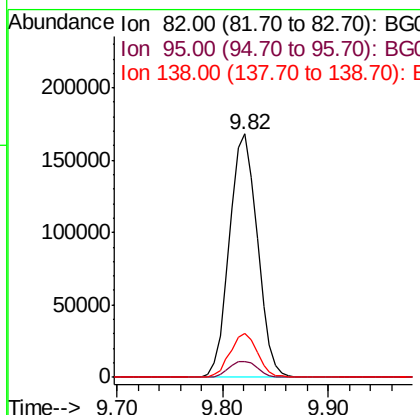
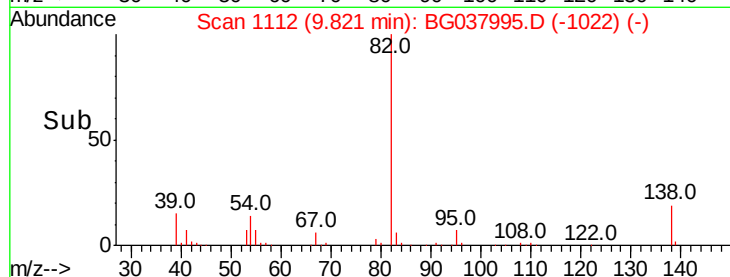
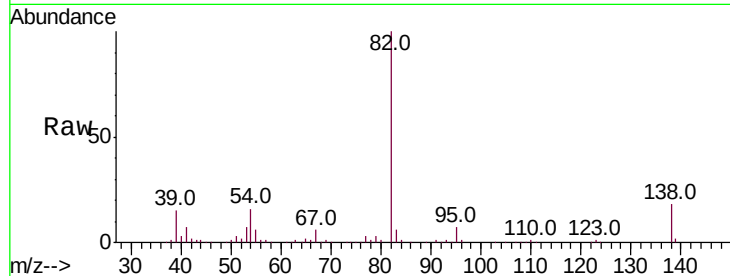
ClientSampleId :

PB114774BS

Tot Ion:	82	Resp:	307300
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.1	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.381 ng

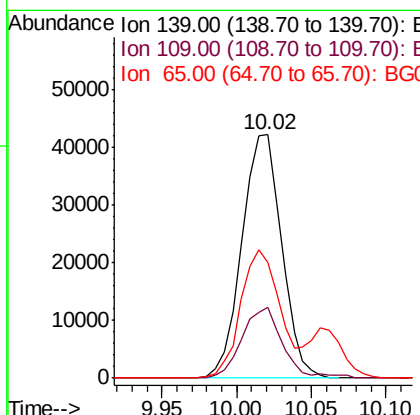
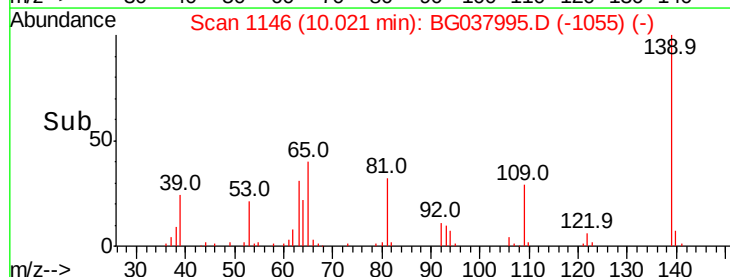
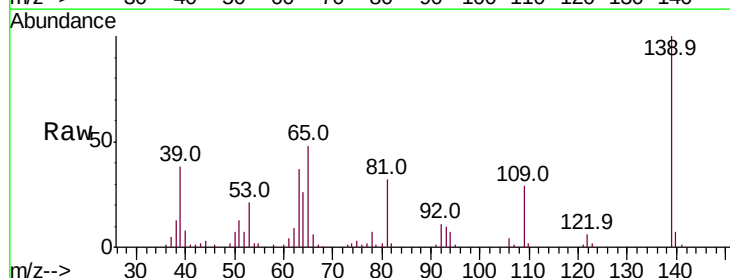
RT: 10.02 min Scan# 1146

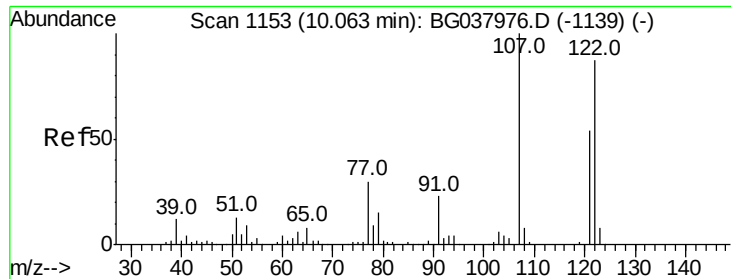
Delta R.T. 0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	139	Resp:	77817
Ion Ratio	Lower	Upper	
139	100		
109	29.1	23.3	34.9
65	47.7	39.8	59.8





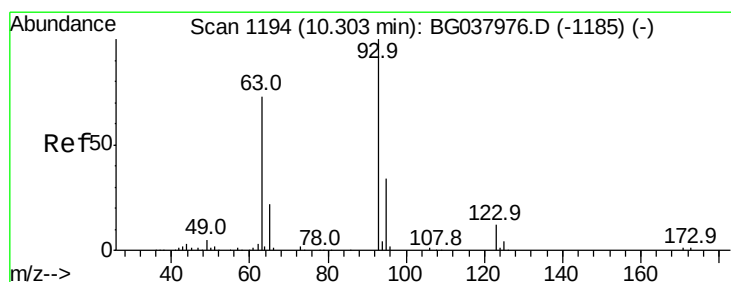
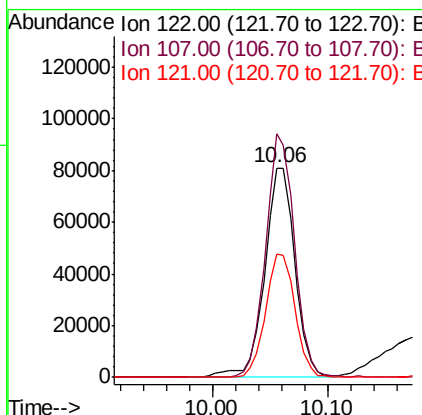
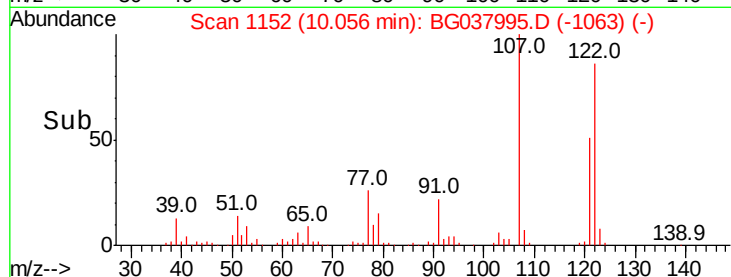
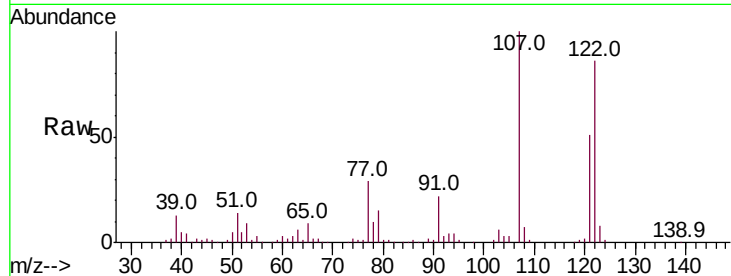
#27
2,4-Dimethylphenol
Concen: 51.119 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	148425		
107	116.3	94.2	141.2	
121	58.8	47.3	70.9	

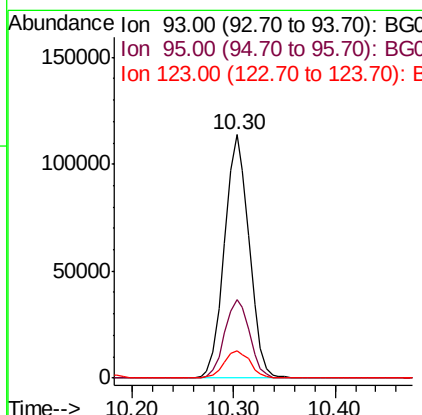
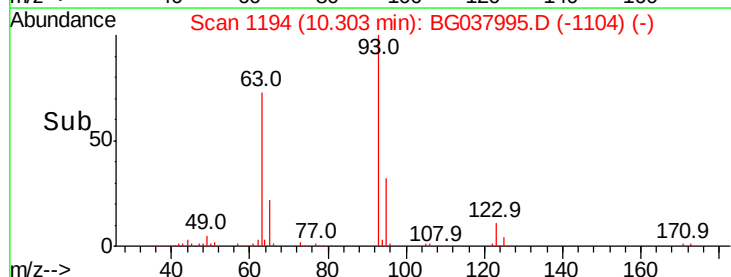
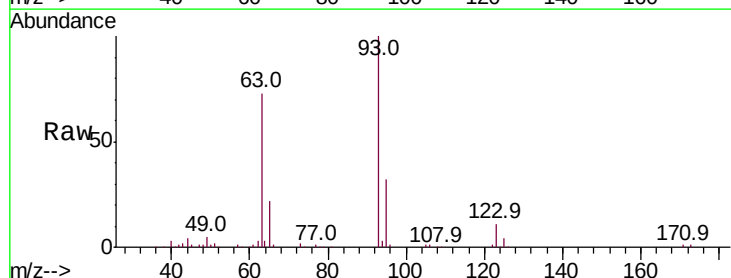
Manual Integrations
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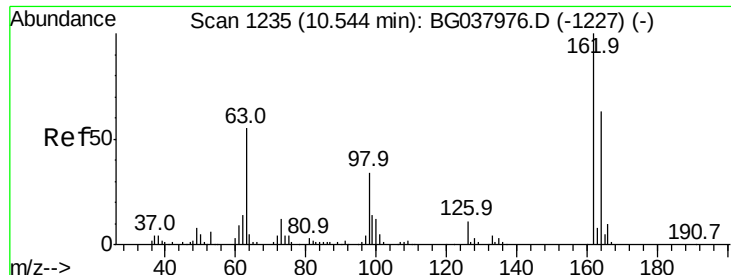
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.191 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191923		
95	32.1	24.6	37.0	
123	11.5	9.1	13.7	





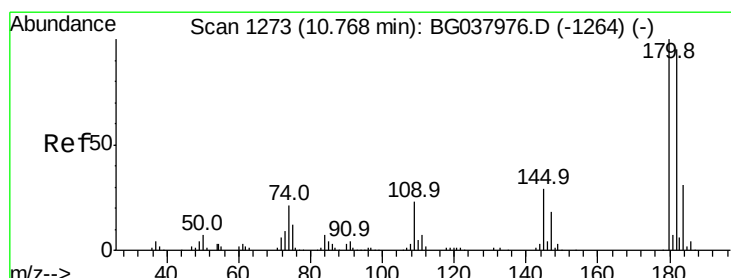
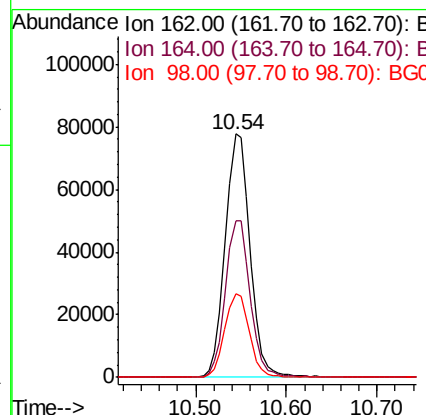
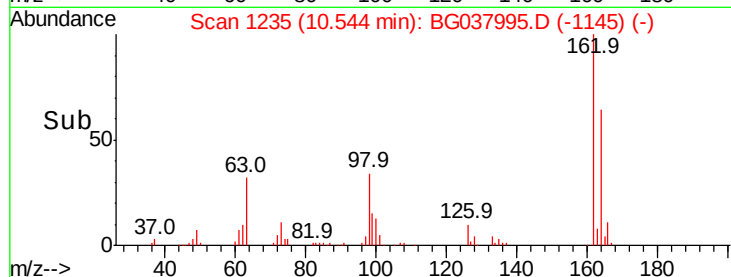
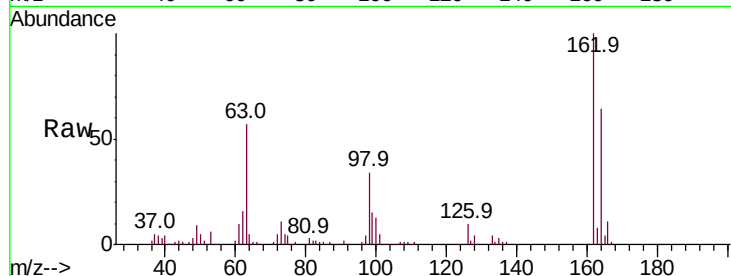
#29
 2,4-Dichlorophenol
 Concen: 45.288 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleID :
 PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.5	43.2	83.2	
98	34.2	16.0	56.0	

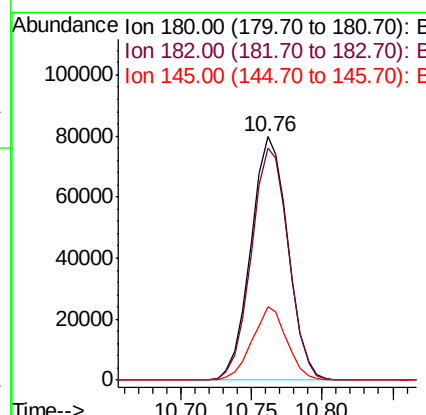
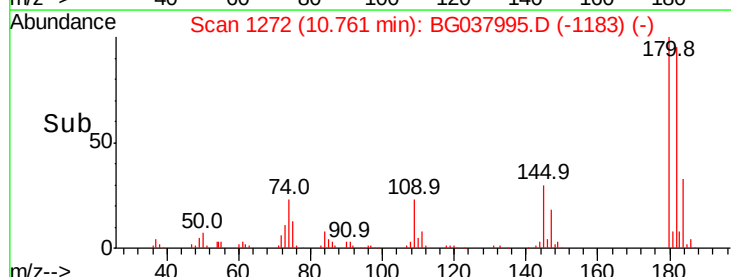
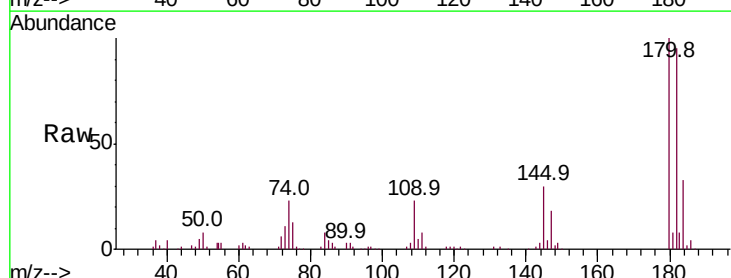
Manual Integrations
 APPROVED

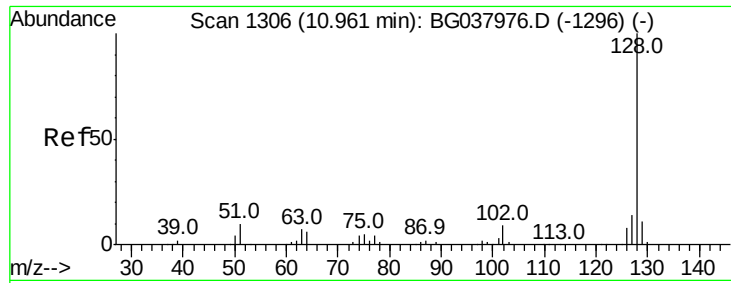
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.182 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	77.7	116.5	
145	30.0	23.3	34.9	





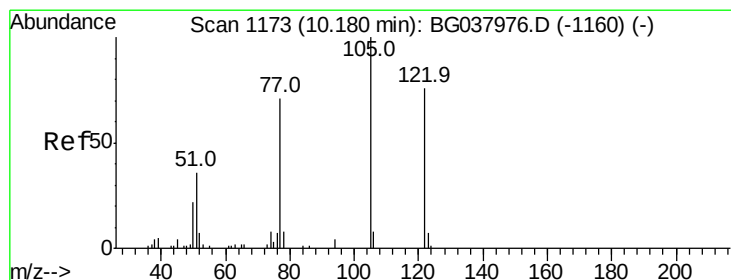
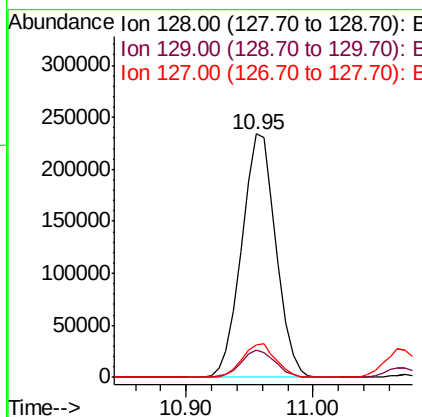
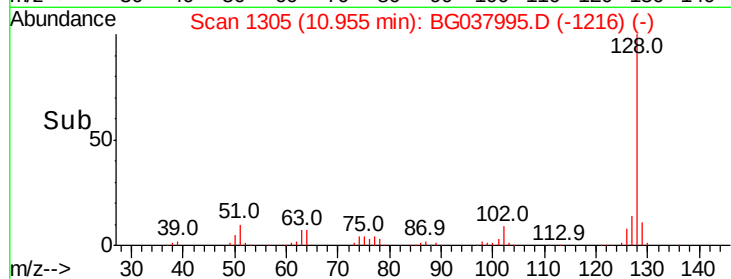
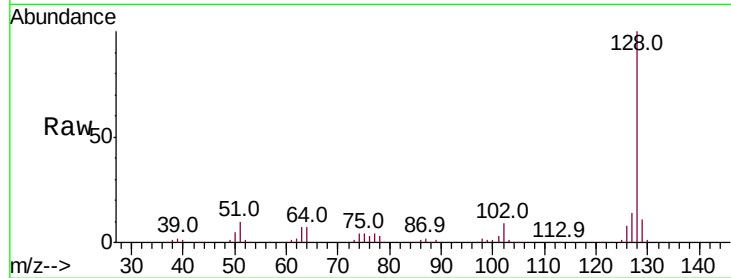
#31
Naphthalene
Concen: 43.981 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	11.1	16.7

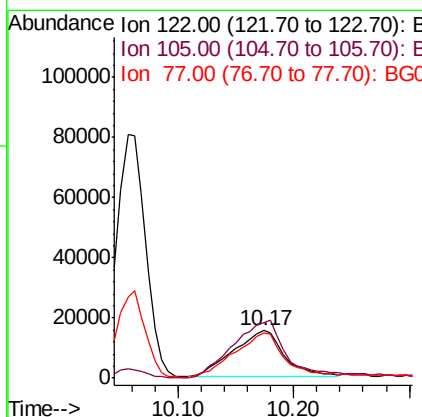
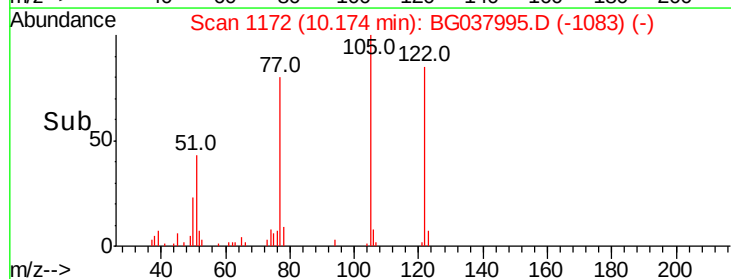
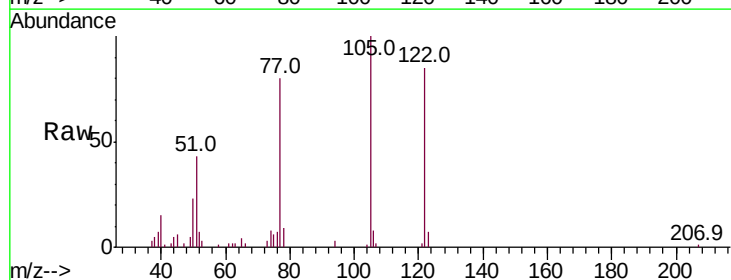
Manual Integrations
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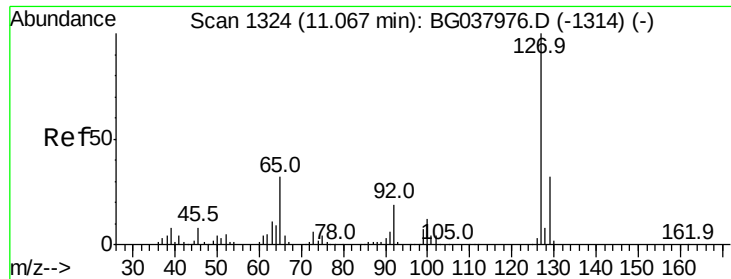
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#32
Benzoic acid
Concen: 30.836 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	106.7	146.7
77	94.6	72.2	112.2





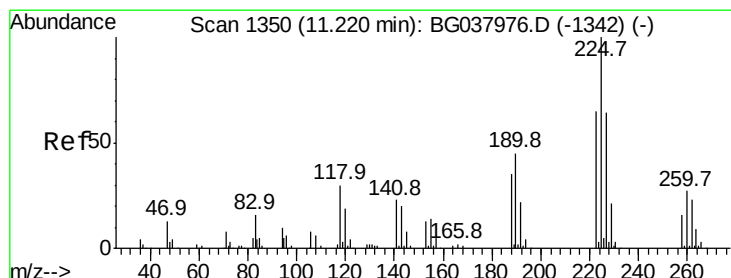
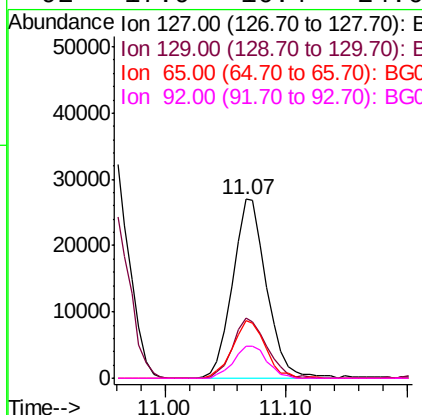
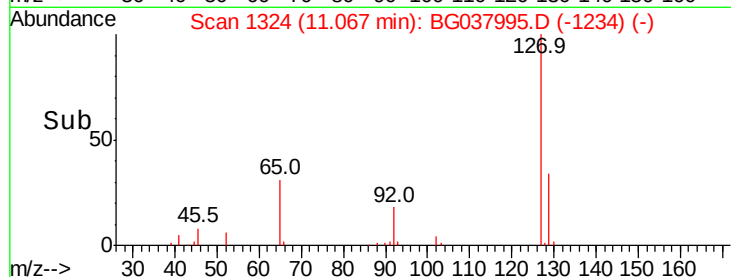
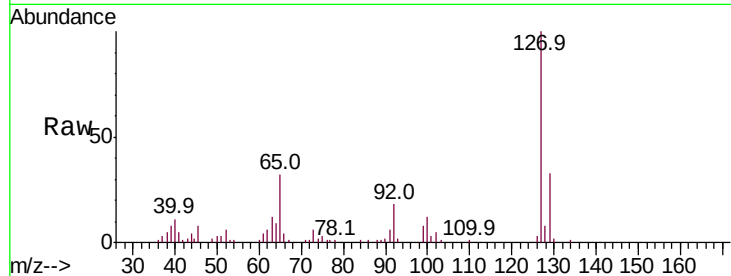
#33
4-Chloroaniline
Concen: 11.458 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	27.1	40.7	
65	32.3	26.6	39.8	
92	17.9	16.4	24.6	

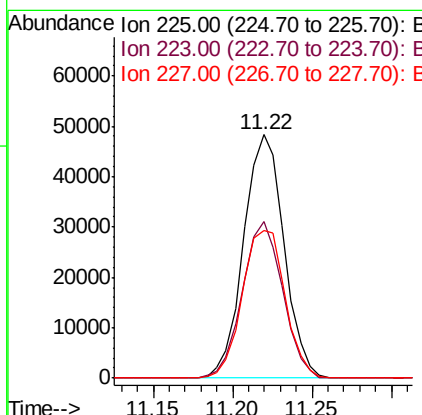
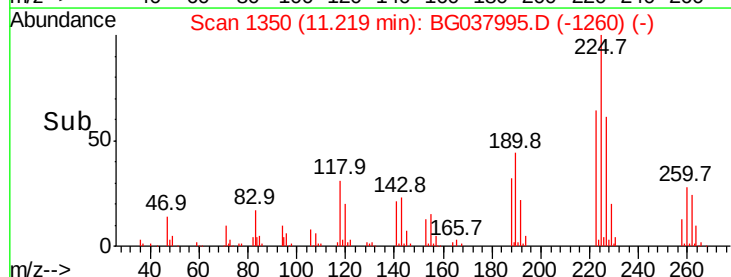
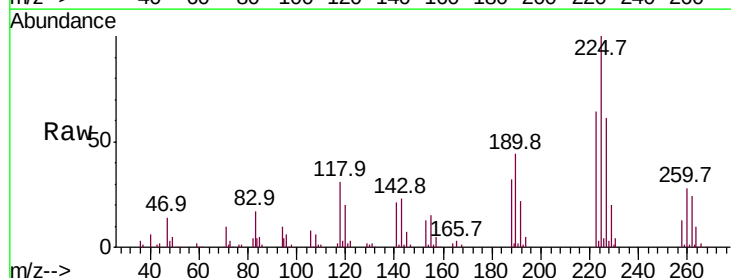
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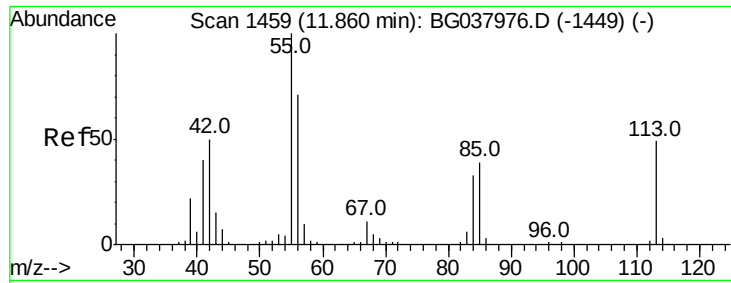
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#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	48.2	72.4	
227	61.0	51.6	77.4	





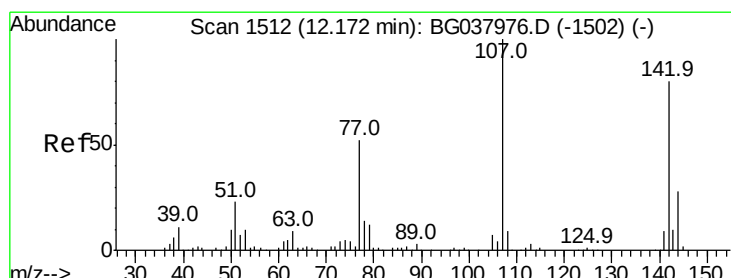
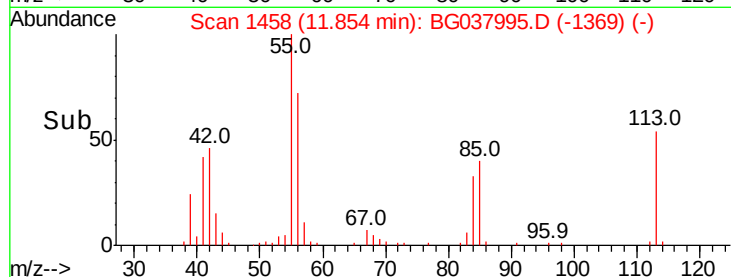
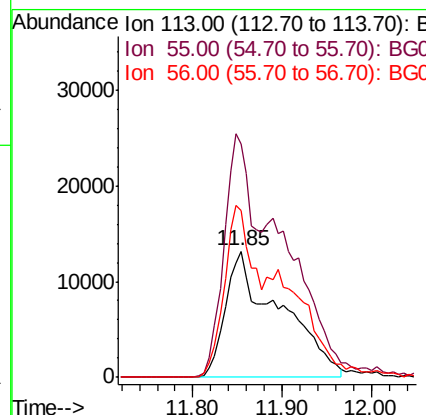
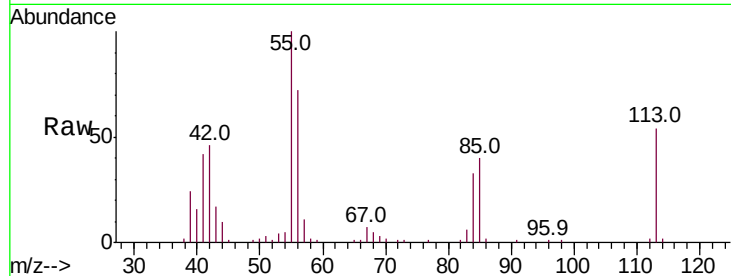
#35
 Caprolactam
 Concen: 42.847 ng/ml
 RT: 11.85 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleID :
 PB114774BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.1	176.6	216.6
56	132.6	128.3	168.3

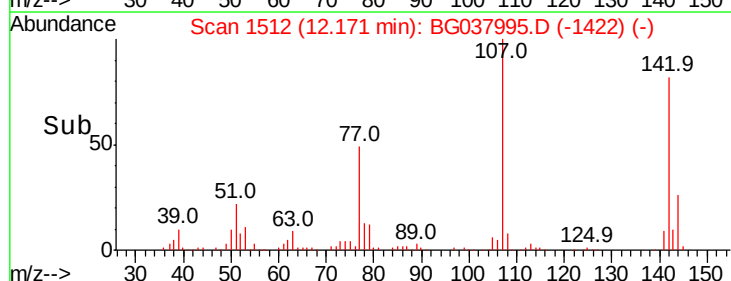
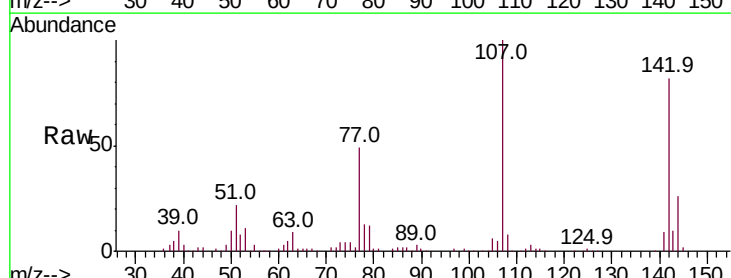
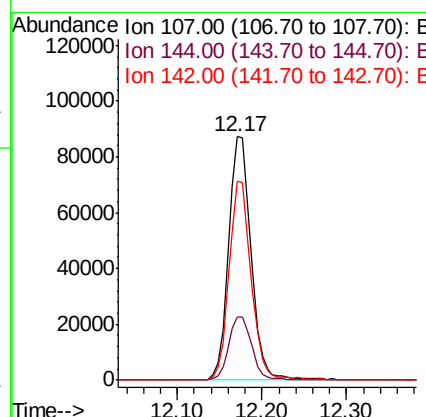
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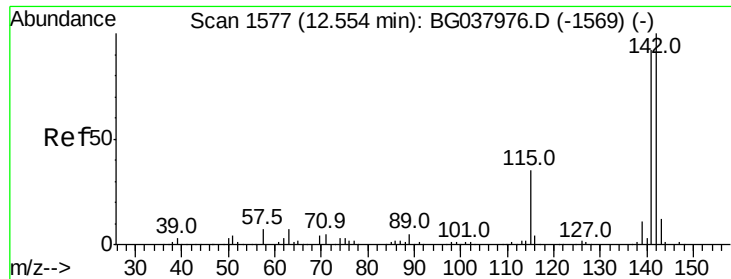
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#36
 4-Chloro-3-methylphenol
 Concen: 44.844 ng/ml
 RT: 12.17 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.7	31.1
142	81.6	64.4	96.6





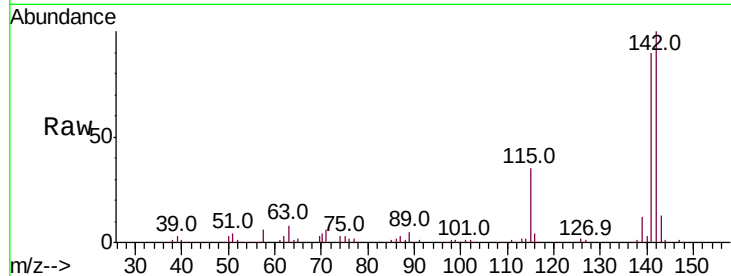
#37
2-Methylnaphthalene
Concen: 45.555 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	35.0	27.8	41.8

Manual Integrations
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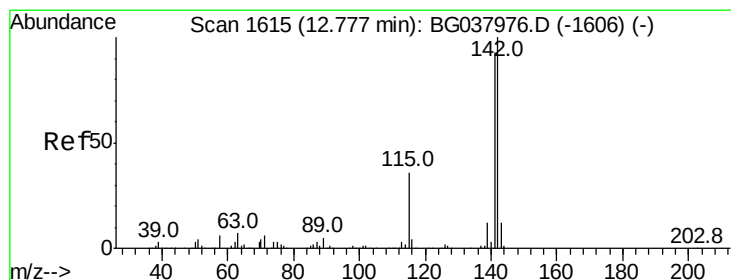
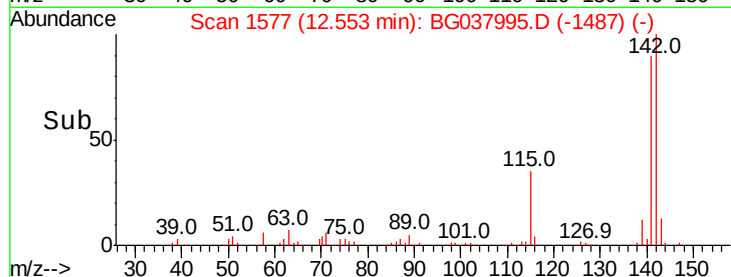
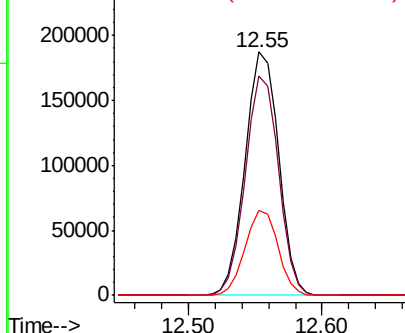


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.981 ng
RT: 12.78 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

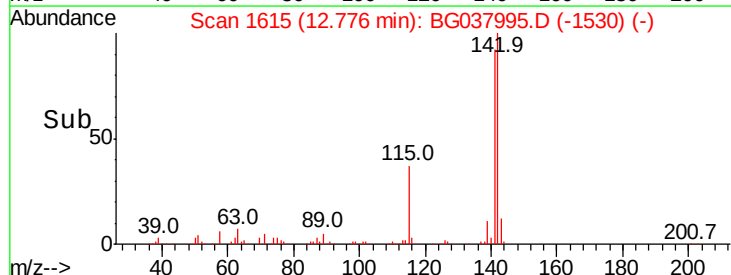
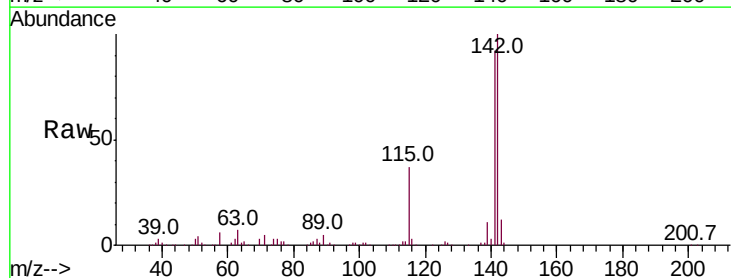
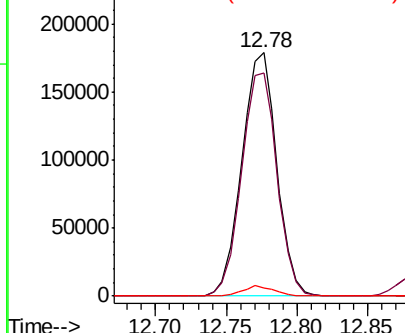
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.2	112.8
116	3.5	3.3	4.9

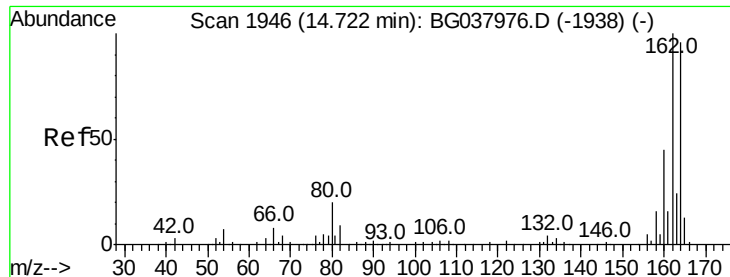
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





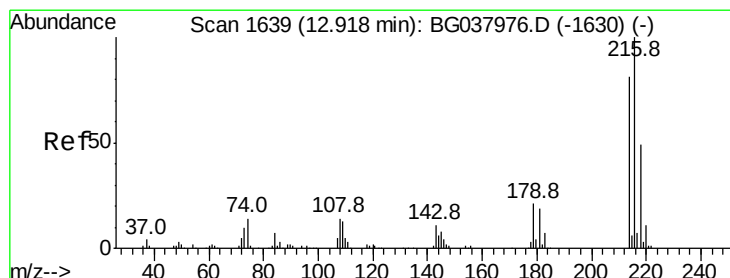
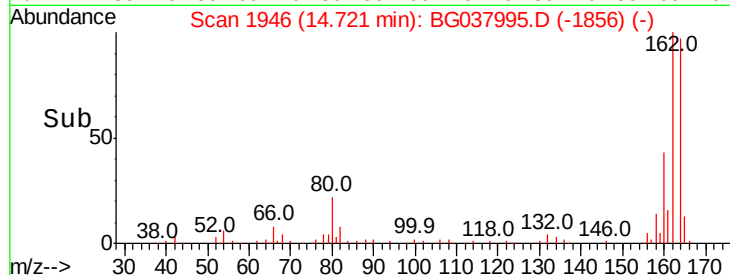
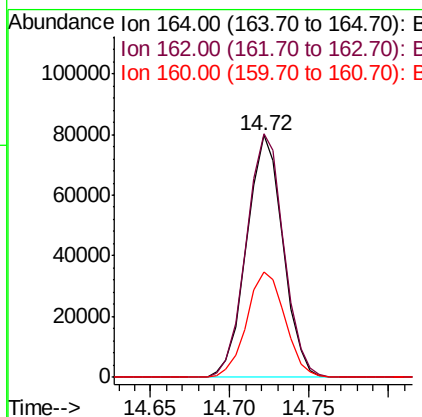
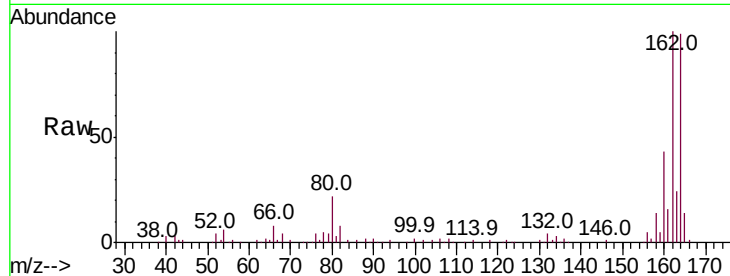
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	43.6	36.3	54.5

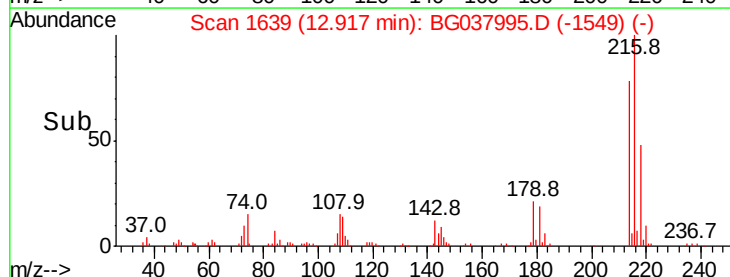
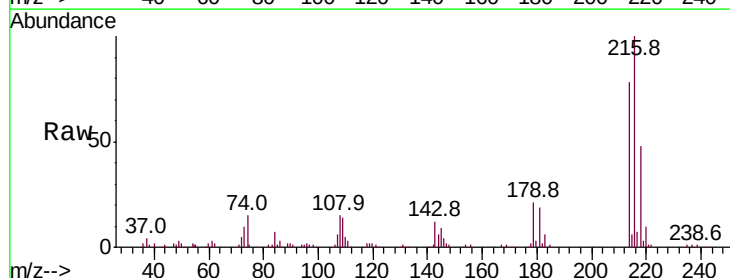
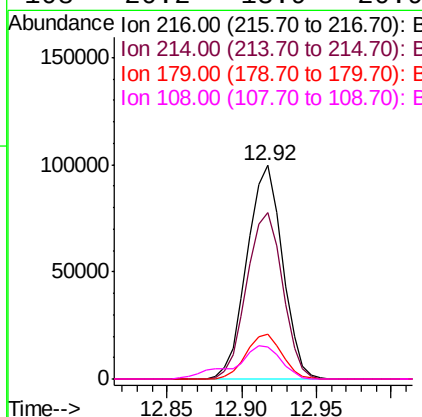
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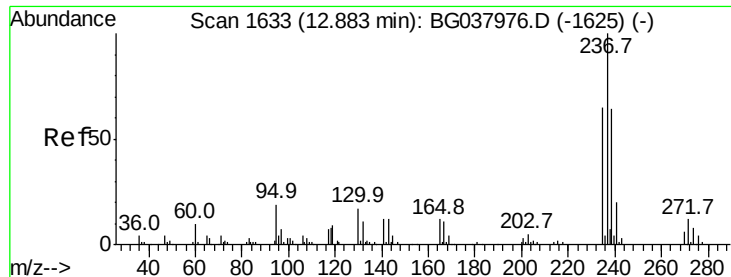
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.589 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	21.2	17.4	26.0
108	20.2	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 95.936 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

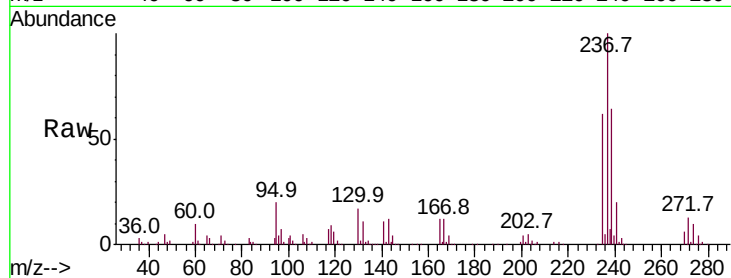
ClientSampleId :

PB114774BS

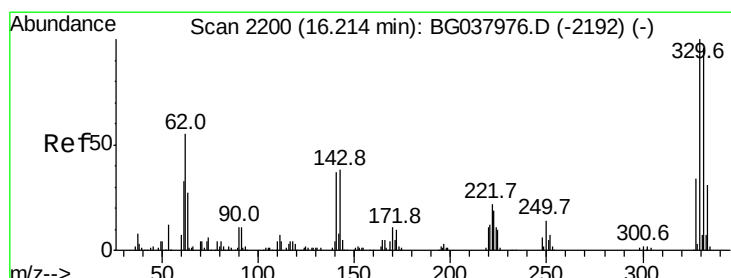
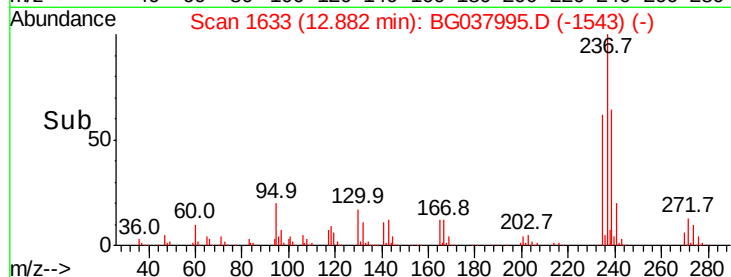
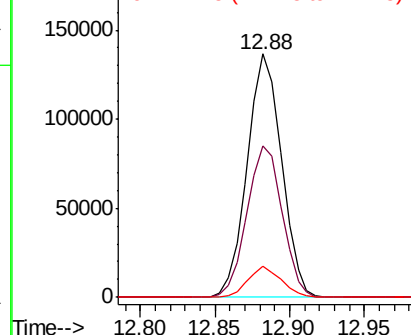
Tot Ion:	237	Resp:	218036
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.5	82.5
272	12.6	0.0	31.6

Manual Integrations
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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: 117.919 ng

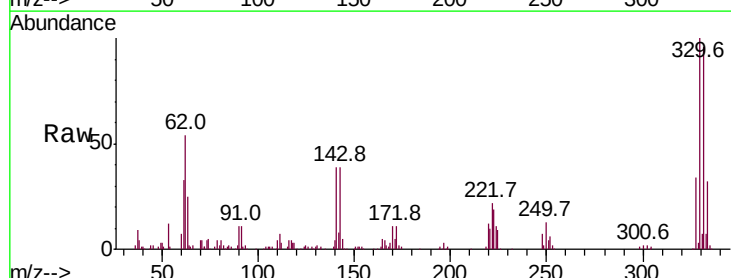
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

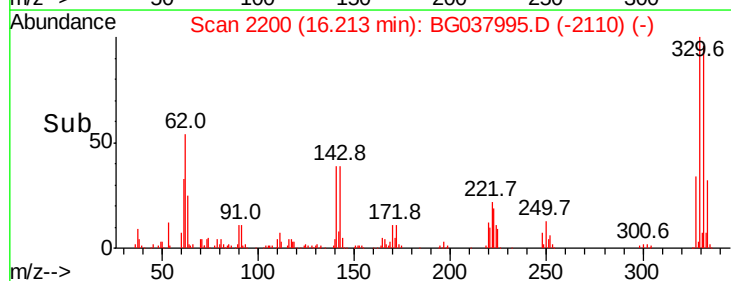
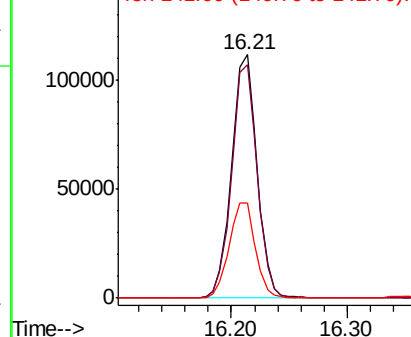
Lab File: BG037995.D

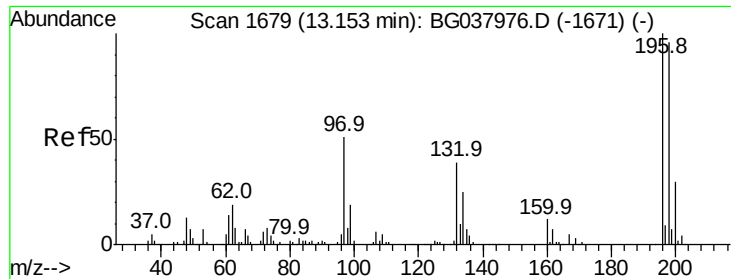
Acq: 14 Nov 2018 2:31

Tgt Ion:	330	Resp:	170816
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.4	117.6
141	40.1	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





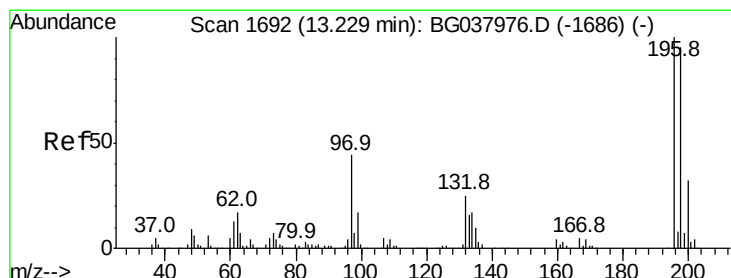
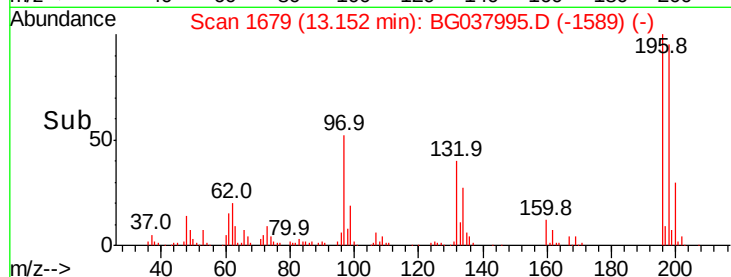
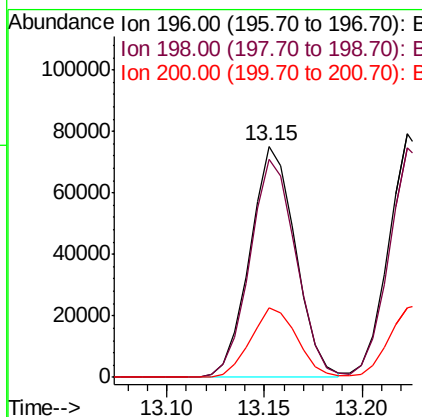
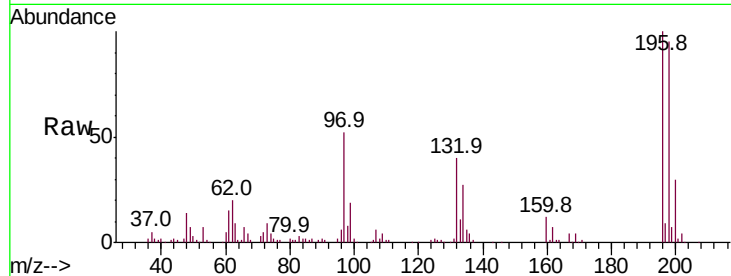
#43
 2,4,6-Trichlorophenol
 Concen: 42.061 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampled :
 PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	121649		
198	94.7	76.4	114.6	
200	30.1	24.9	37.3	

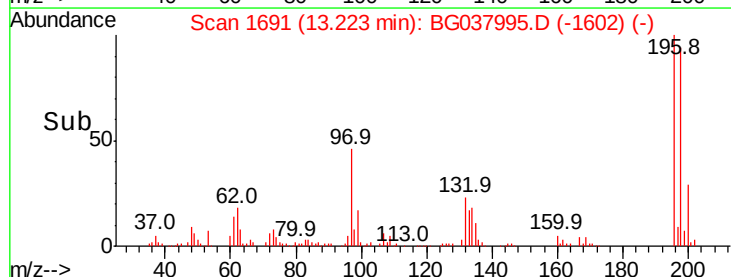
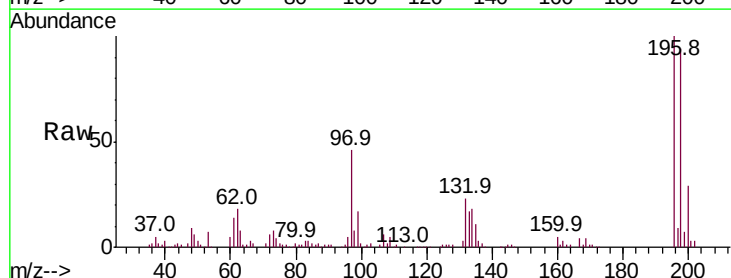
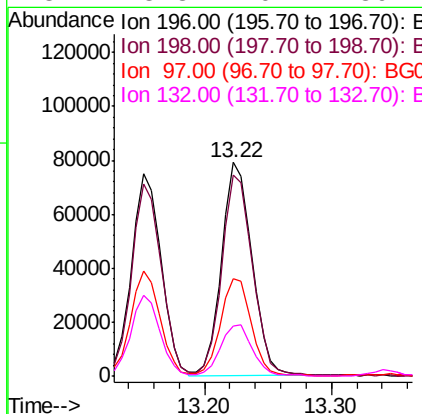
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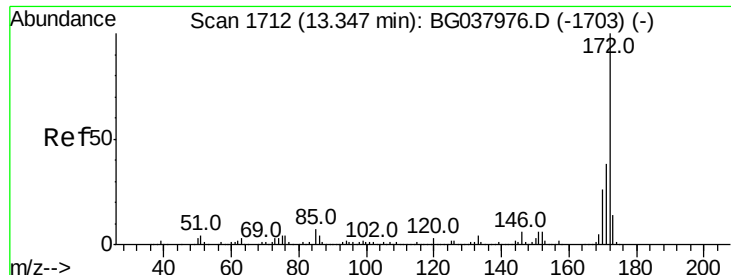
Sohil
 11/14/2018 2:24:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.363 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131960		
198	94.2	74.2	111.2	
97	45.8	34.1	51.1	
132	23.3	20.2	30.4	





#45

2-Fluorobiphenyl

Concen: 76.342 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

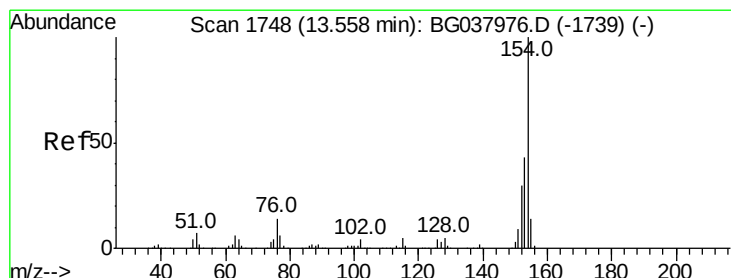
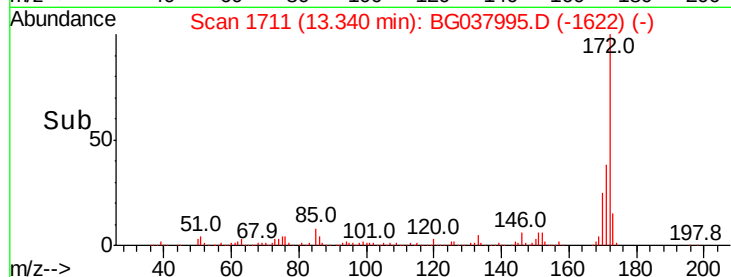
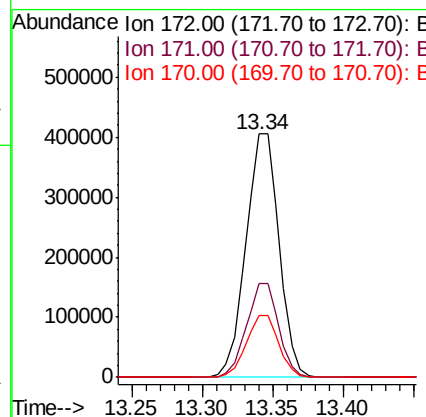
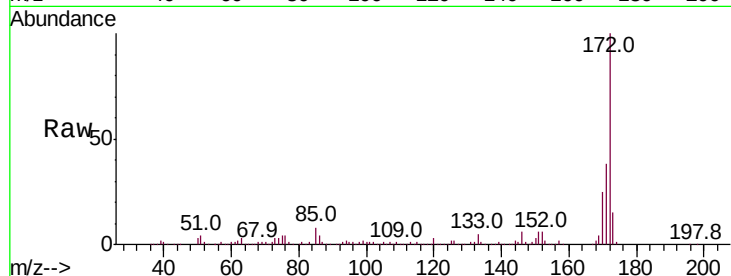
ClientSampleId :

PB114774BS

Tot Ion:	172	Resp:	665588
Ion Ratio	Lower	Upper	
172	100		
171	38.5	31.0	46.4
170	25.2	20.2	30.2

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#46

1,1'-Biphenyl

Concen: 39.067 ng

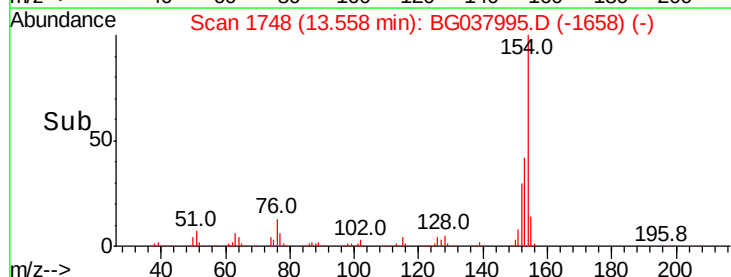
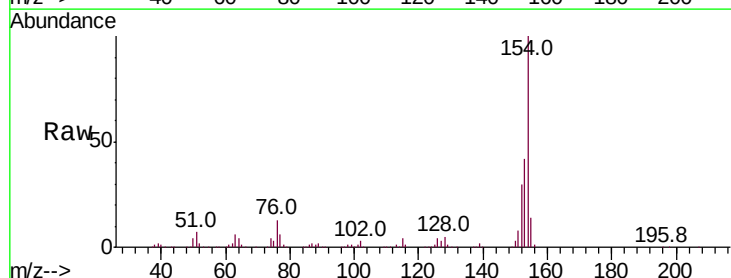
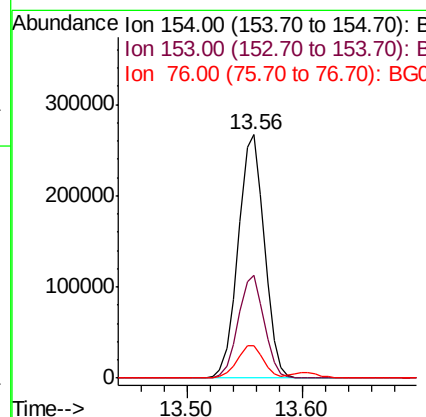
RT: 13.56 min Scan# 1748

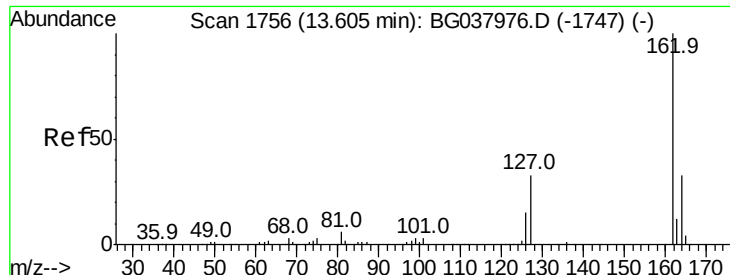
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	154	Resp:	416870
Ion Ratio	Lower	Upper	
154	100		
153	42.5	22.1	62.1
76	13.4	0.0	33.2





#47

2-Chloronaphthalene

Concen: 40.454 ng

RT: 13.60 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

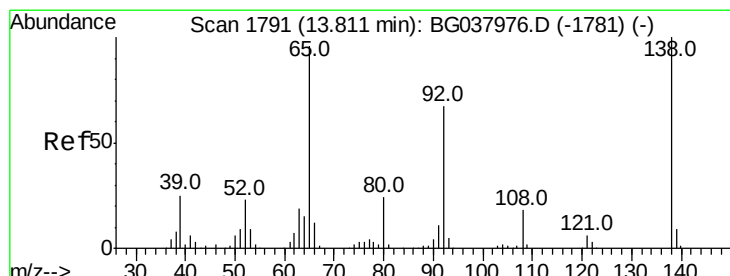
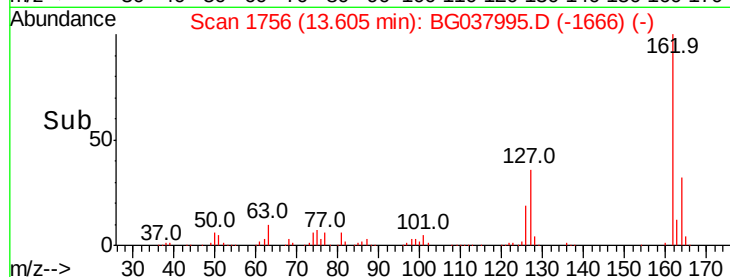
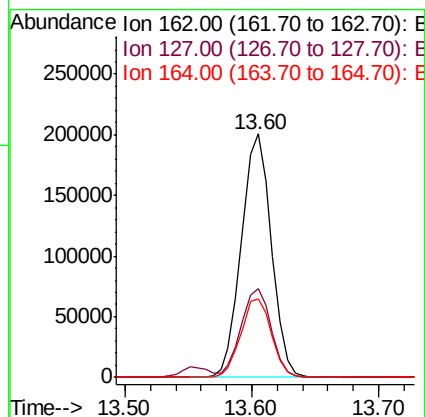
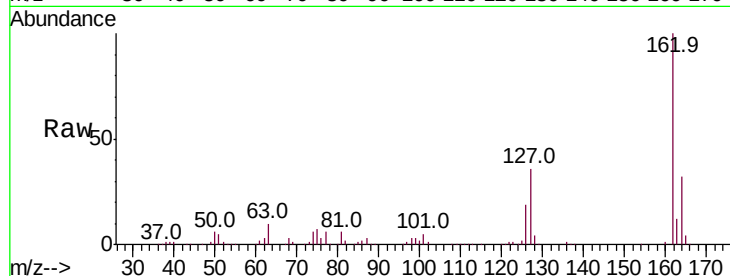
ClientSampleId :

PB114774BS

Tot Ion:	162	Resp:	329401
Ion Ratio	Lower	Upper	
162	100		
127	36.5	30.5	45.7
164	32.2	26.4	39.6

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#48

2-Nitroaniline

Concen: 43.251 ng

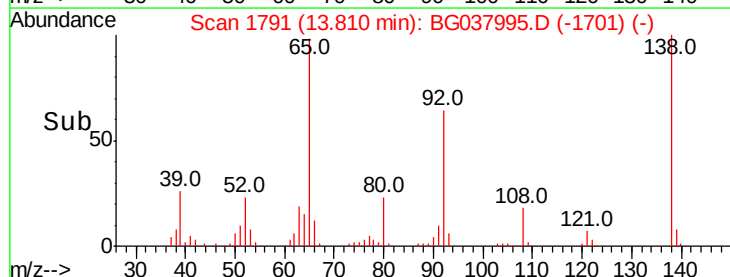
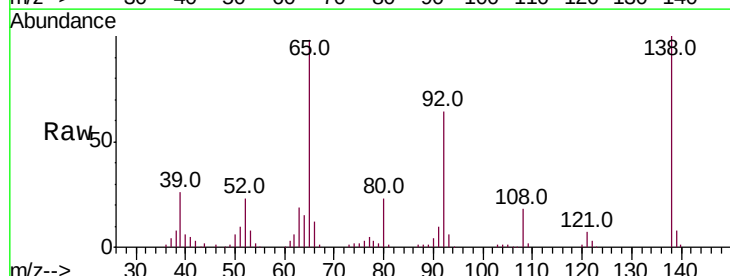
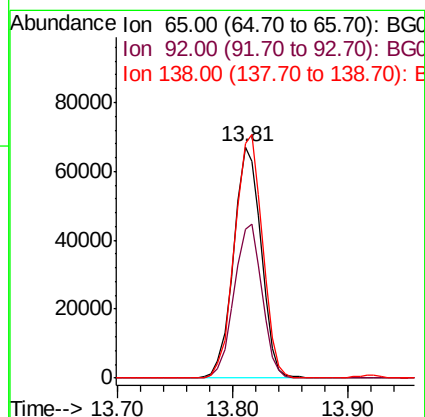
RT: 13.81 min Scan# 1791

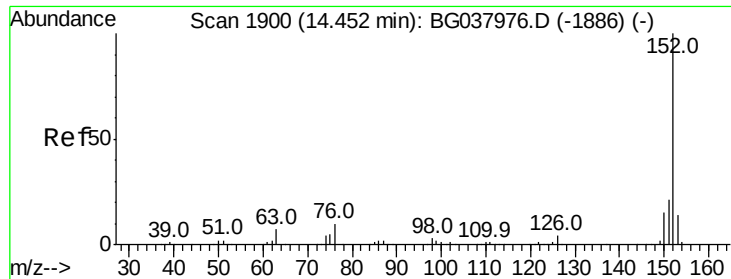
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	65	Resp:	110840
Ion Ratio	Lower	Upper	
65	100		
92	64.5	53.2	79.8
138	101.6	79.3	118.9





#49

Acenaphthylene

Concen: 44.622 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

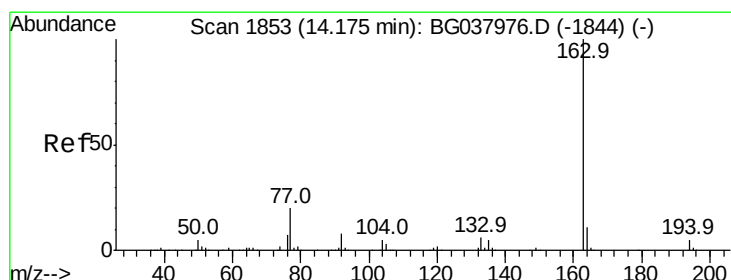
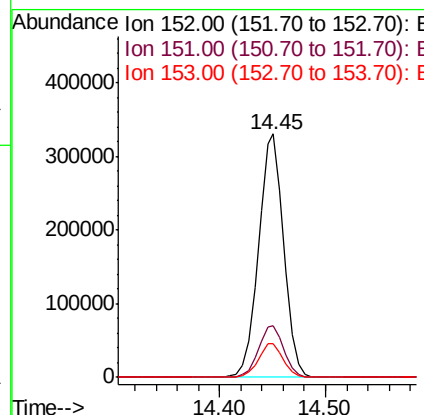
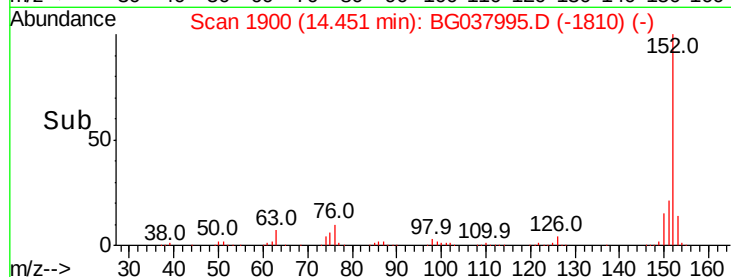
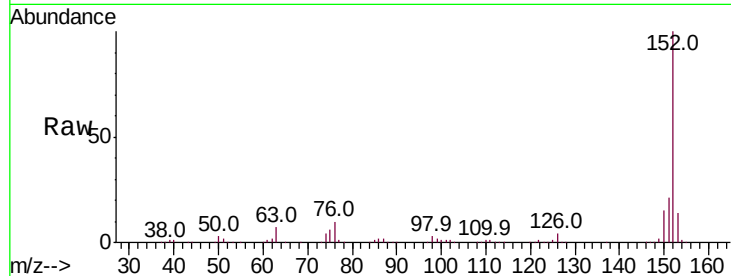
ClientSampleId :

PB114774BS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.0	17.1	25.7
153	13.6	11.1	16.7

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#50

Dimethylphthalate

Concen: 43.006 ng

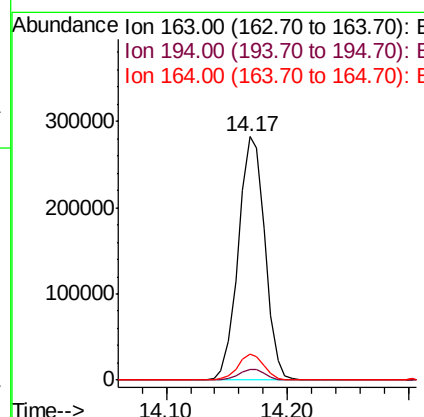
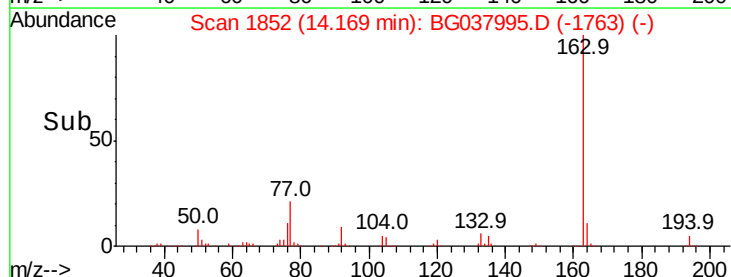
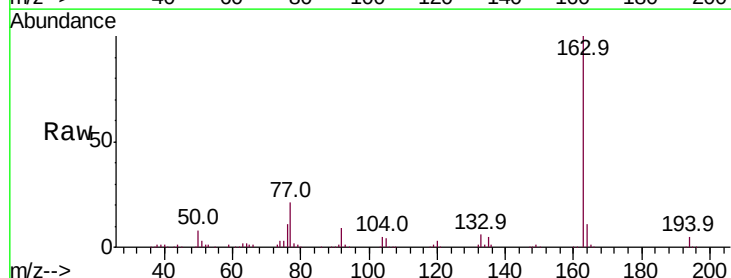
RT: 14.17 min Scan# 1852

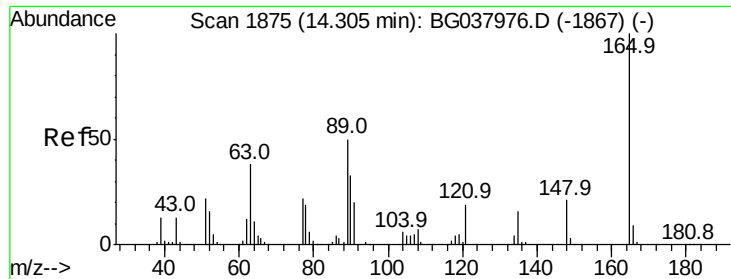
Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.8	8.5	12.7





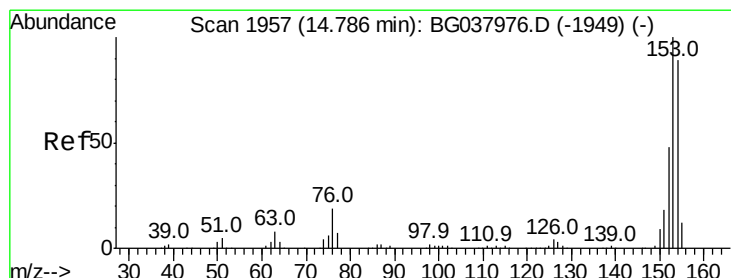
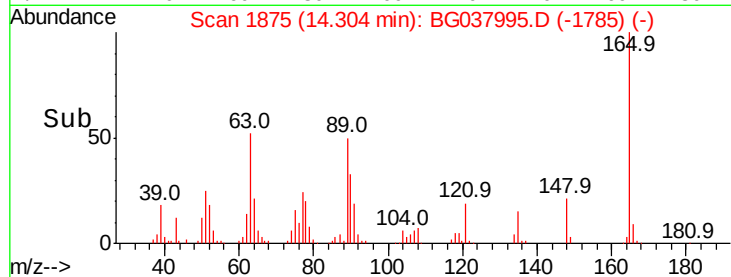
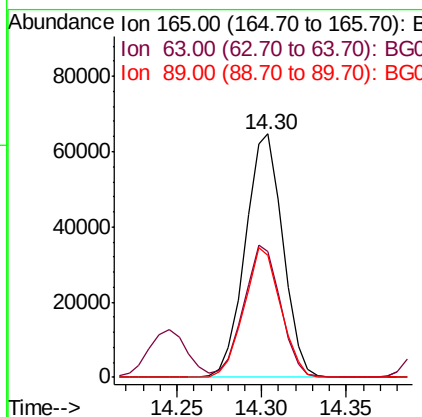
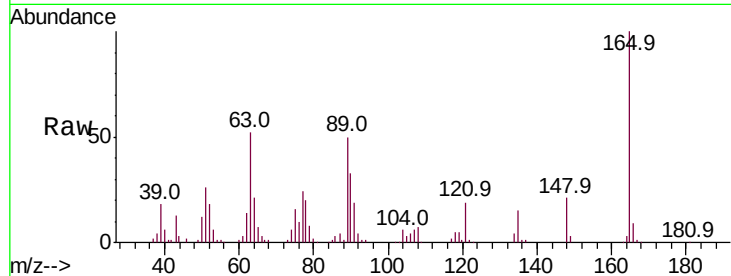
#51
 2,6-Dinitrotoluene
 Concen: 43.989 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tot Ion:	165	Resp:	100251
Ion Ratio	Lower	Upper	
165	100		
63	51.5	43.4	65.2
89	49.9	45.8	68.6

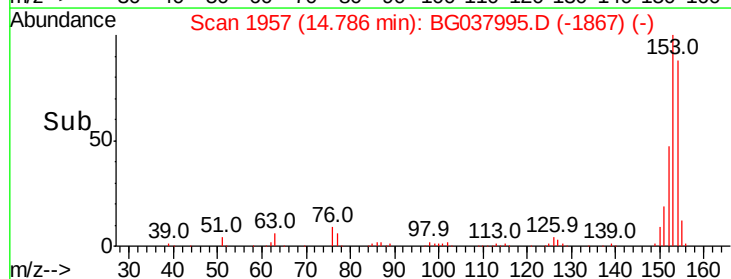
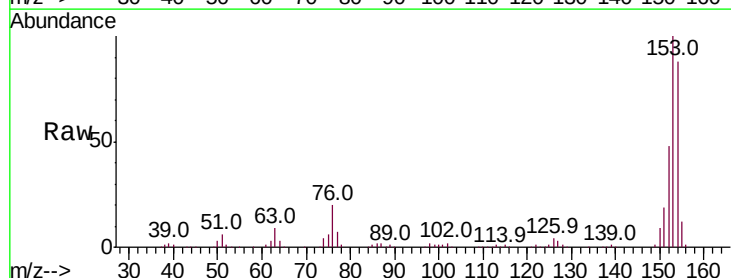
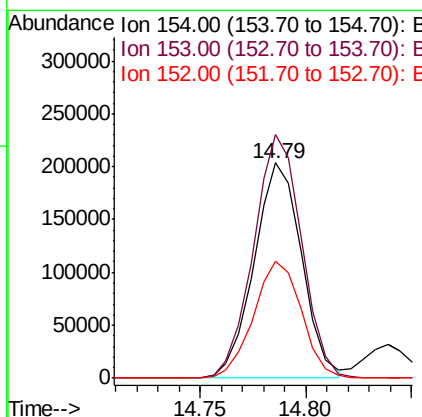
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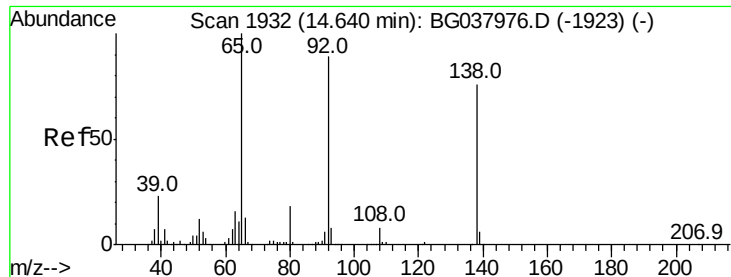
Sohil
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#52
 Acenaphthene
 Concen: 43.215 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion:	154	Resp:	318564
Ion Ratio	Lower	Upper	
154	100		
153	113.3	93.4	140.0
152	54.1	44.7	67.1





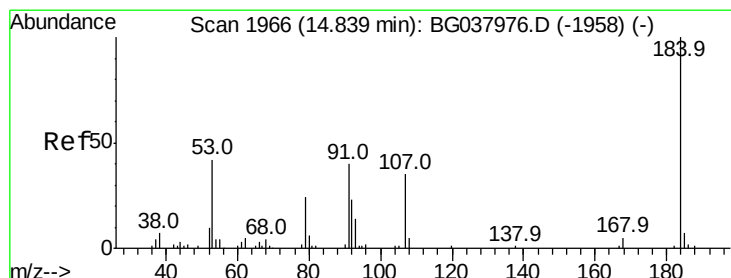
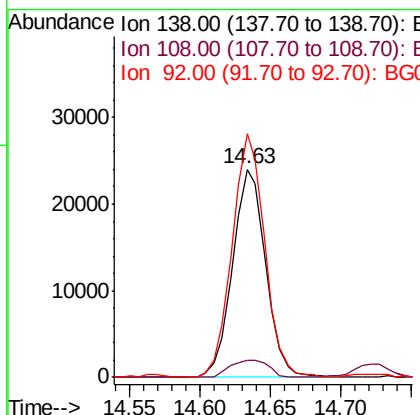
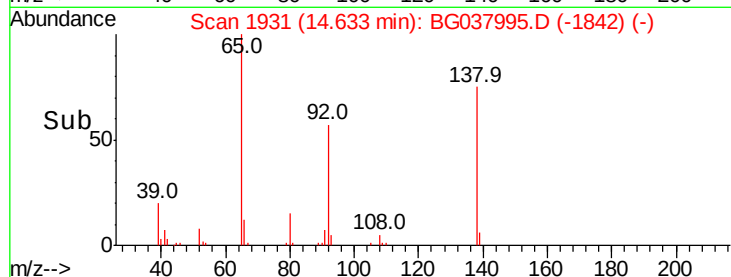
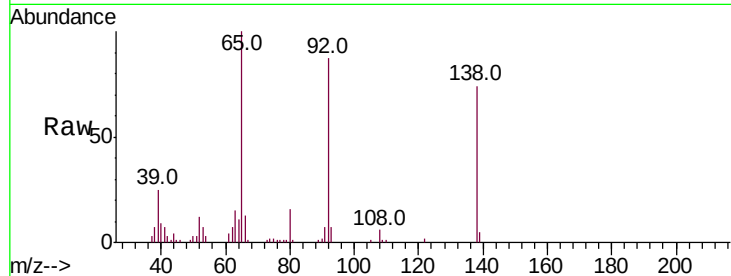
#53
3-Nitroaniline
Concen: 15.556 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.0	11.0	16.6#
92	117.0	95.2	142.8

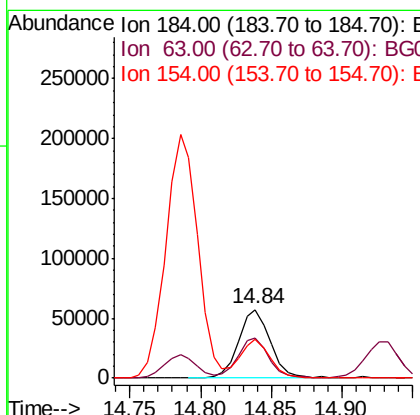
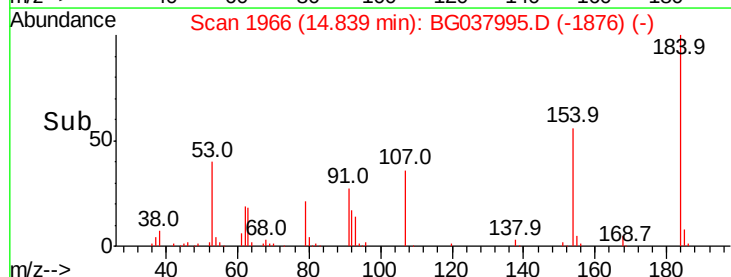
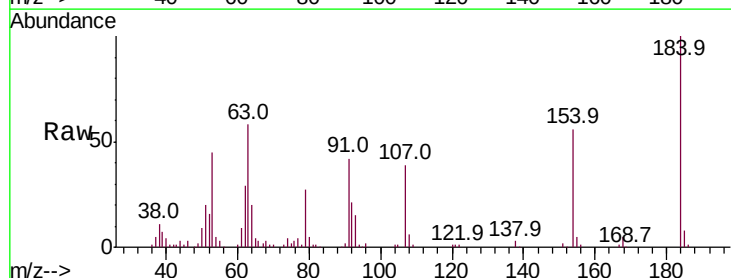
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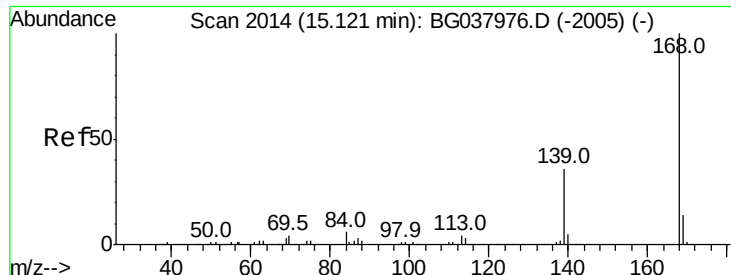
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#54
2,4-Dinitrophenol
Concen: 73.599 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.8	42.6	63.8
154	56.3	41.8	62.6





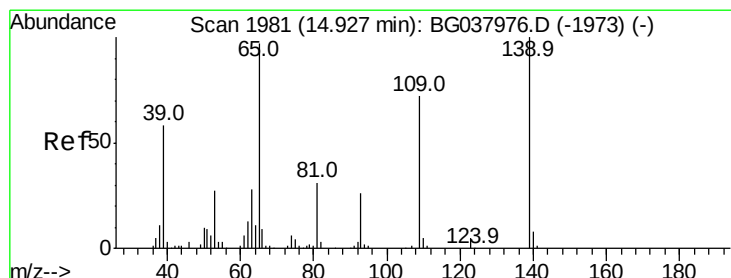
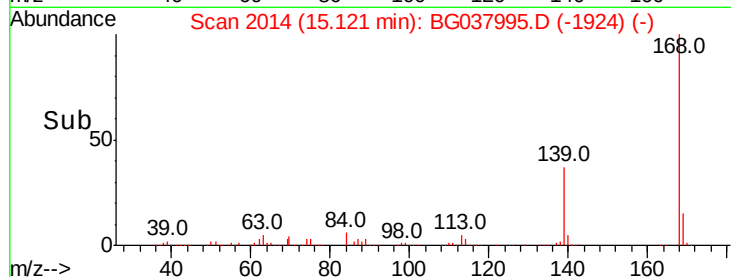
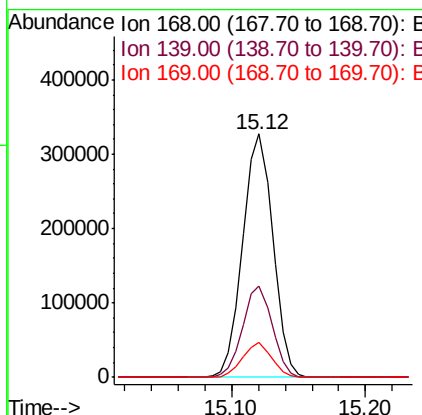
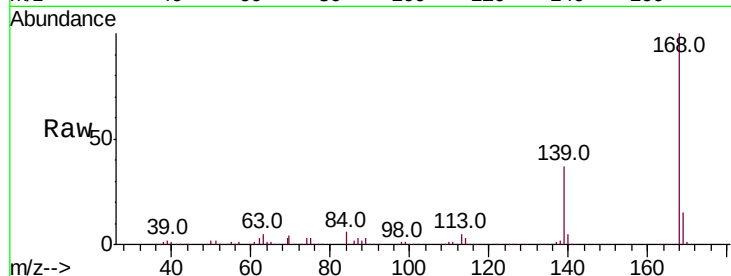
#55
Dibenzenofuran
Concen: 41.962 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.3	29.4	44.0	
169	14.6	11.0	16.6	

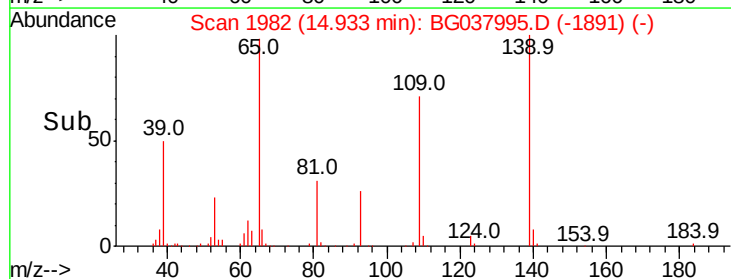
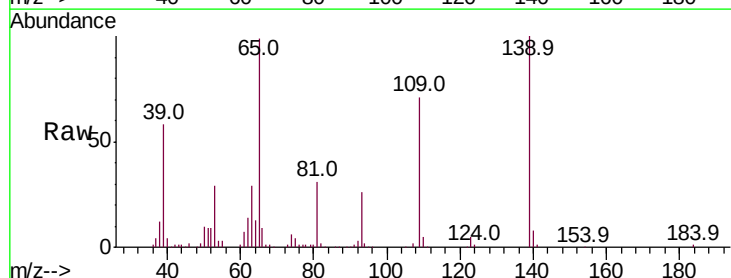
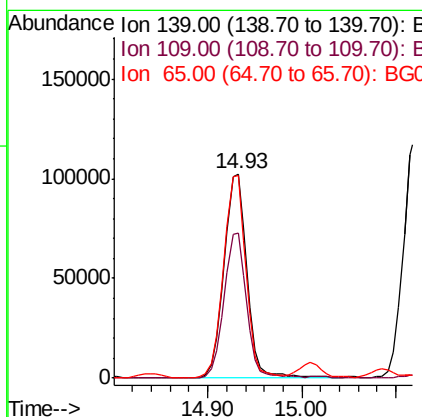
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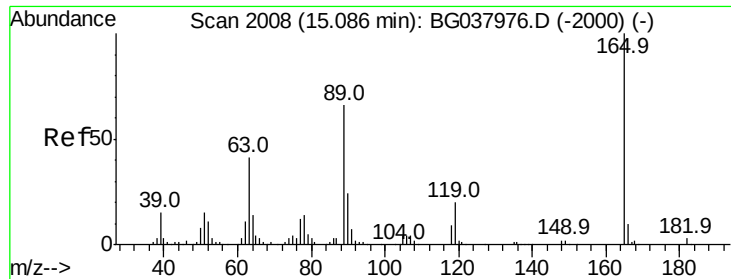
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#56
4-Nitrophenol
Concen: 90.204 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.7	49.5	89.5	
65	99.0	76.8	116.8	





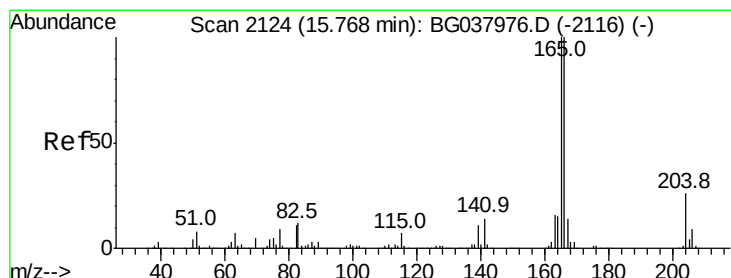
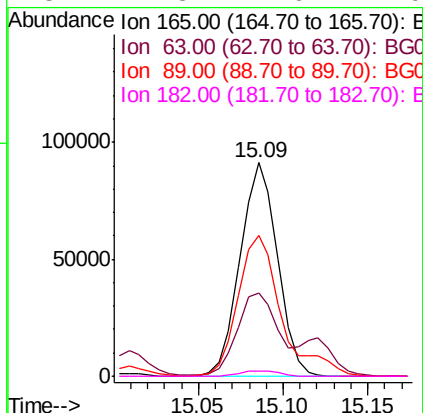
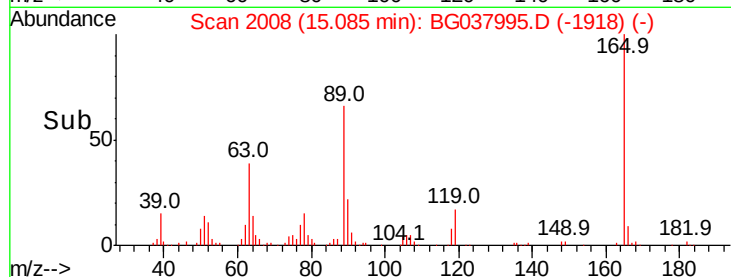
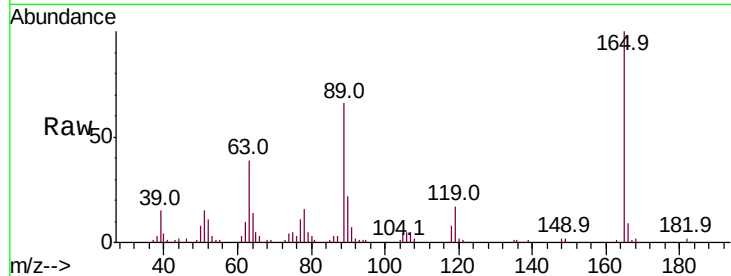
#57
 2,4-Dinitrotoluene
 Concen: 45.066 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	139740		
63	39.2	33.4	50.0	
89	65.7	57.2	85.8	
182	2.3	2.6	4.0	

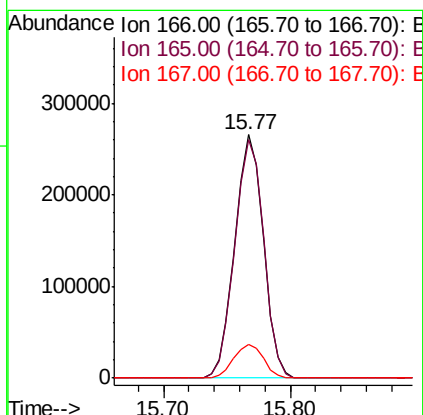
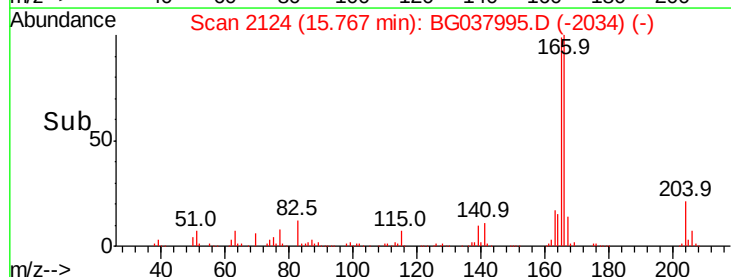
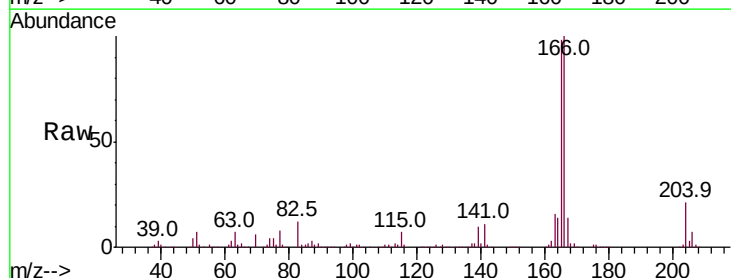
Manual Integrations
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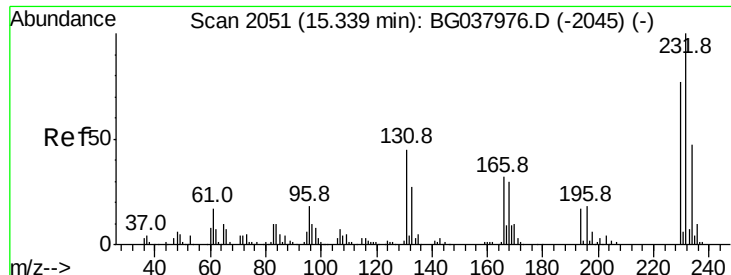
Sohil
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#58
 Fluorene
 Concen: 45.578 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	414523		
165	98.0	79.0	118.6	
167	13.9	11.3	16.9	





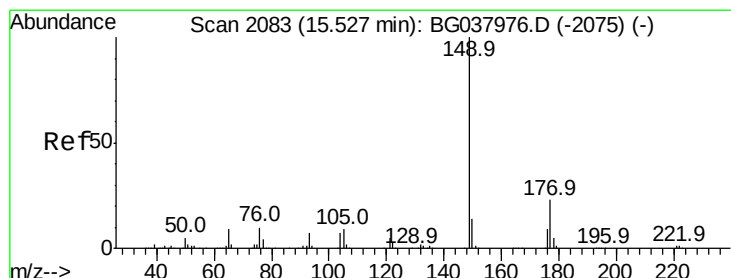
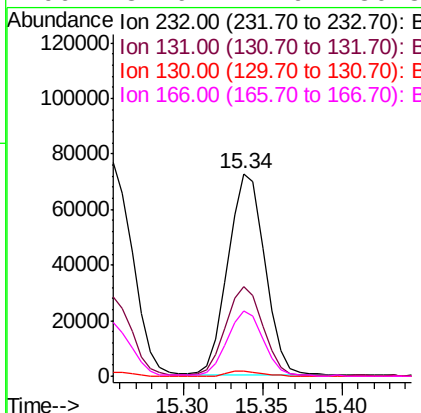
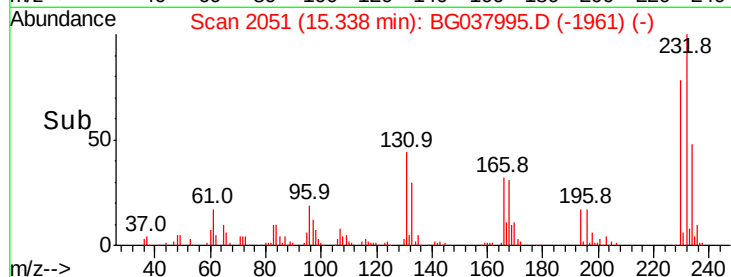
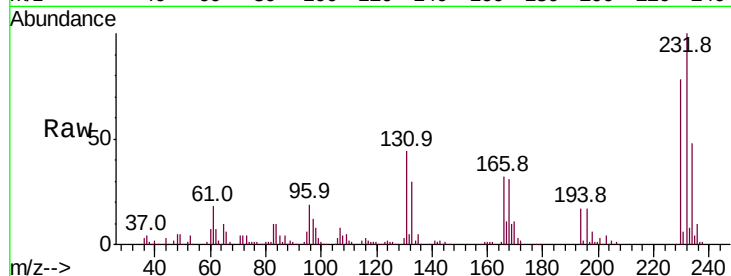
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.135 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	117478		
131	44.7		33.7	50.5
130	2.4		2.1	3.1
166	31.6		24.6	36.8

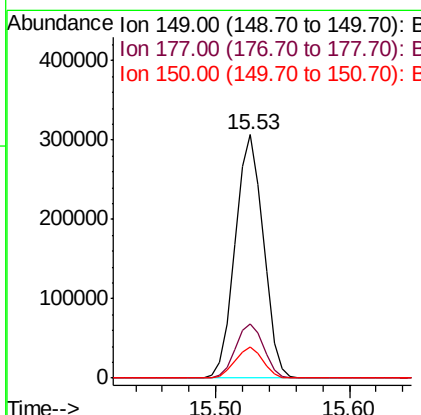
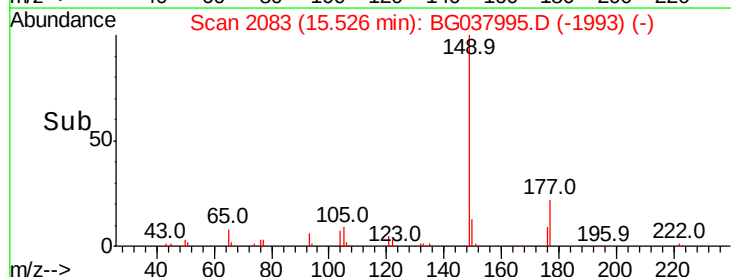
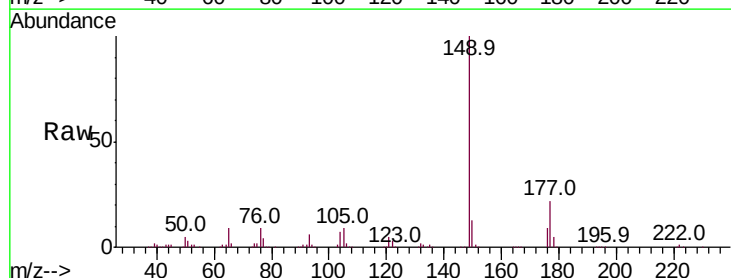
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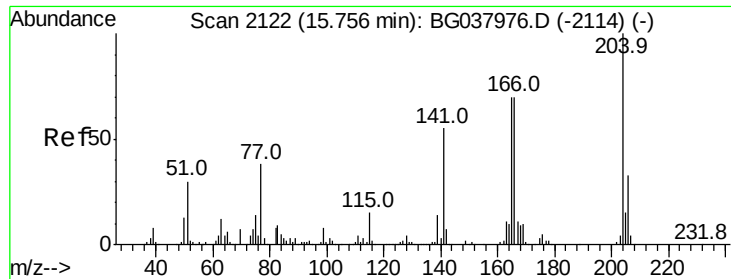
Sohil
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#60
Diethylphthalate
Concen: 41.933 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	448488		
177	22.1		18.3	27.5
150	12.8		10.0	15.0





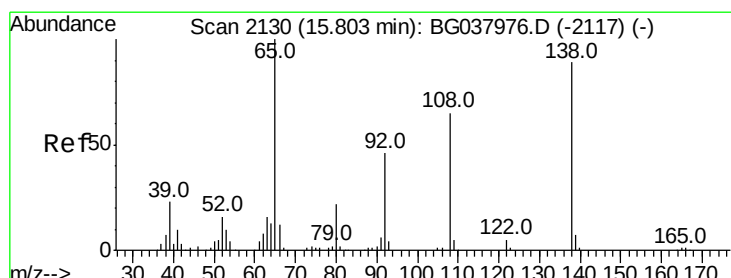
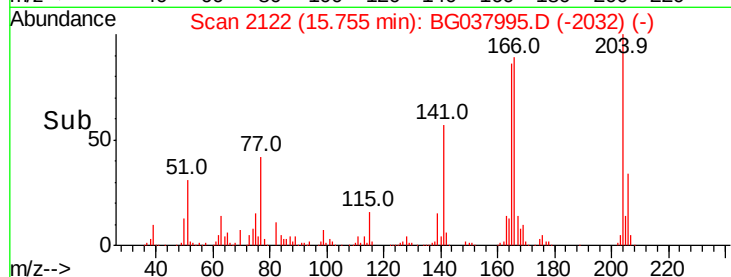
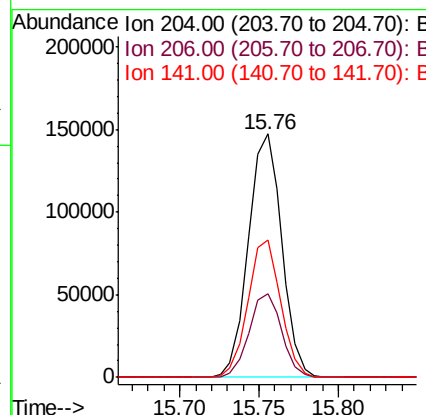
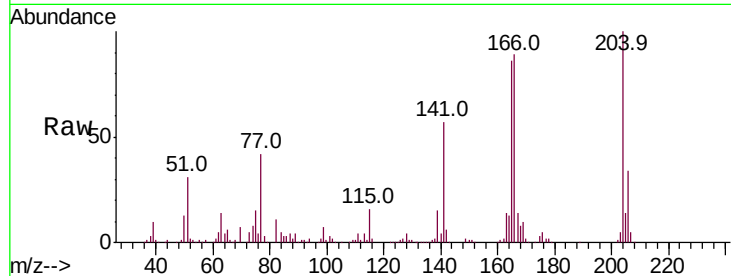
#61
4-Chlorophenyl-phenylether
Concen: 40.432 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	56.6	45.4	68.2

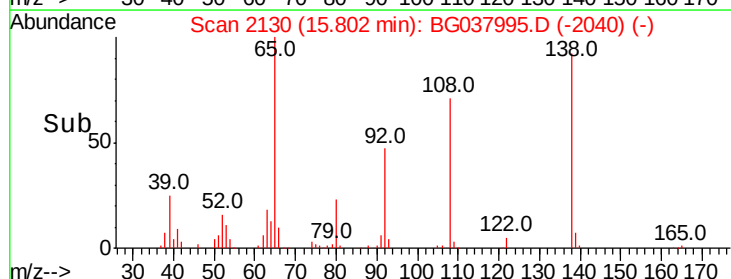
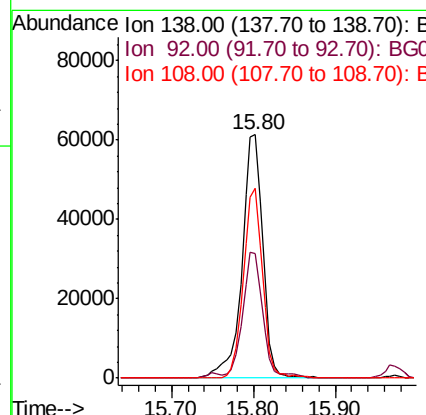
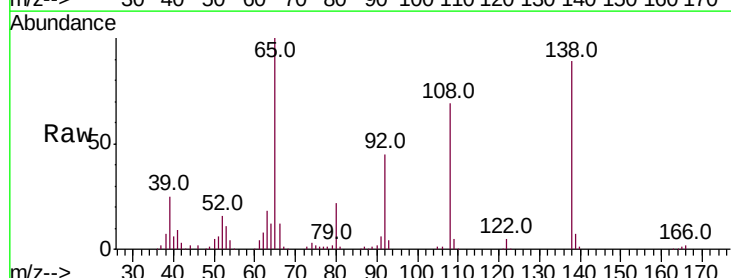
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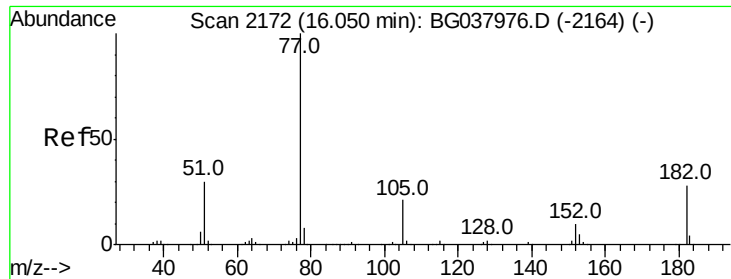
Sohil
11/14/2018 2:24:19 PM



#62
4-Nitroaniline
Concen: 43.484 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	36.4	76.4
108	77.9	60.1	100.1





#63

Azobenzene

Concen: 43.063 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

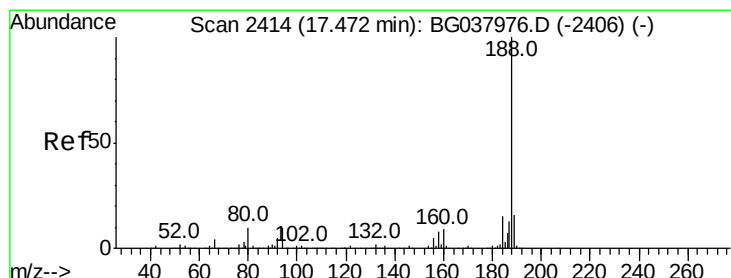
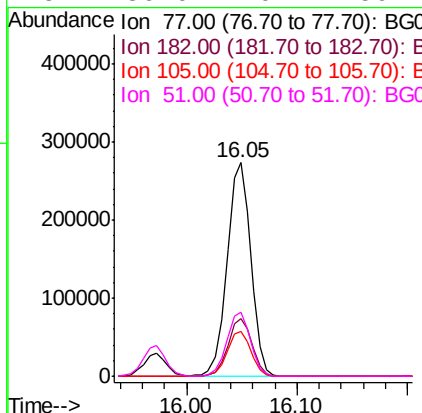
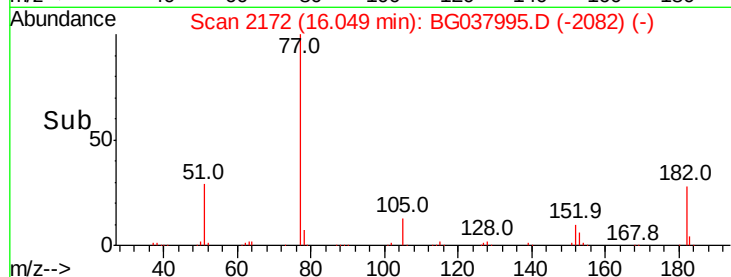
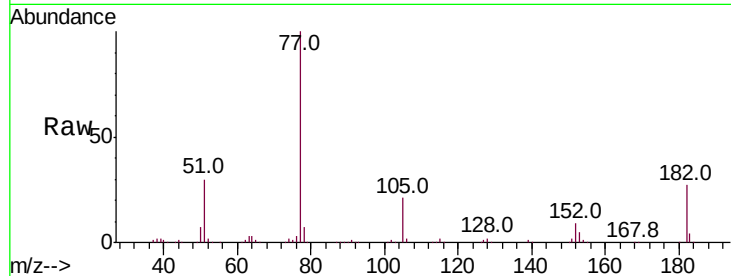
ClientSampleId :

PB114774BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	8.0	48.0		
105	20.8	1.3	41.3		
51	30.0	10.7	50.7		

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#64

Phenanthrene-d10

Concen: 20.000 ng

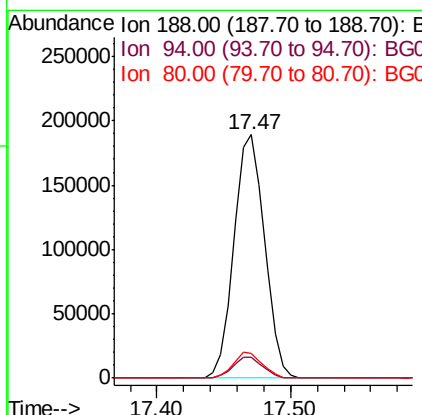
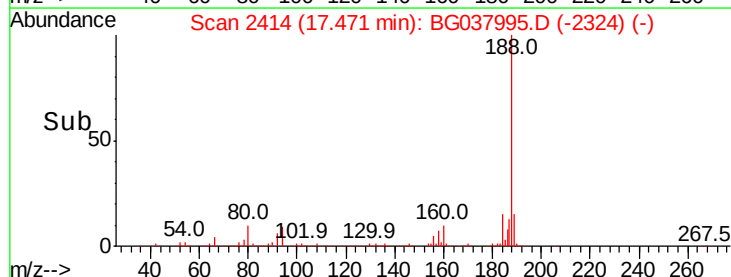
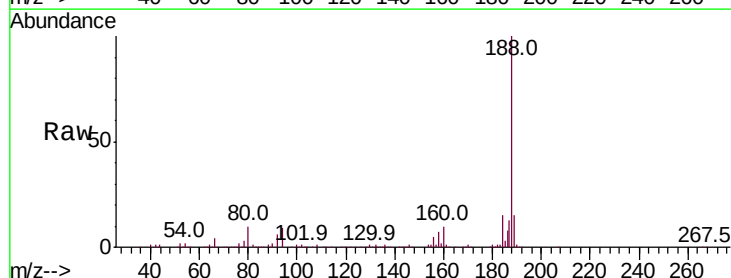
RT: 17.47 min Scan# 2414

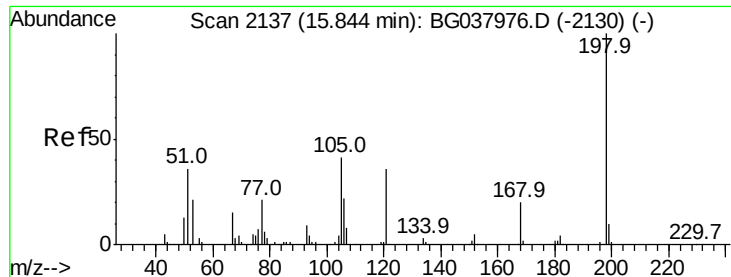
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.6	7.2	10.8		
80	10.0	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.835 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

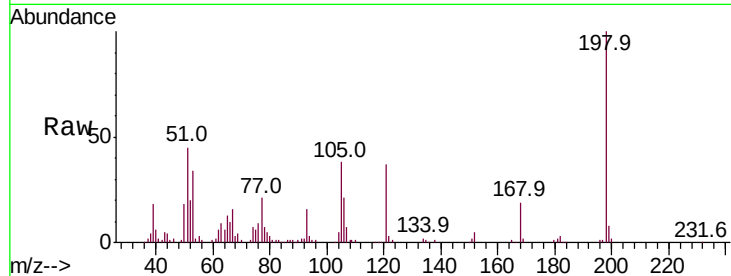
ClientSampleId :

PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	73902		
51	45.0		22.7	62.7
105	37.9		19.7	59.7

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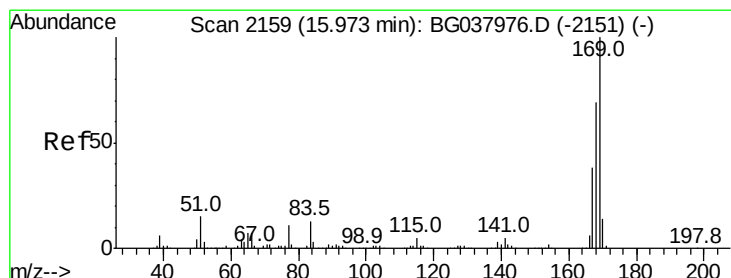
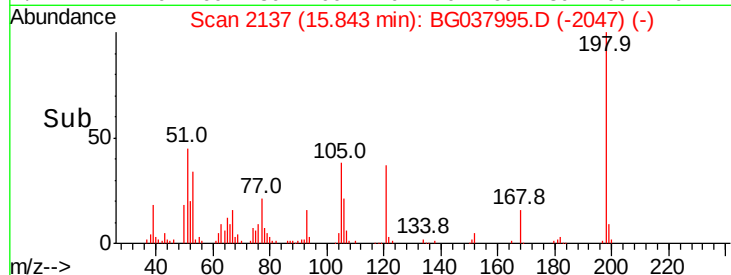
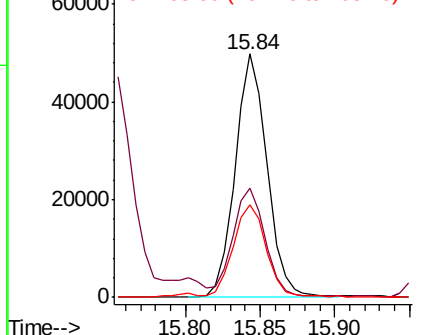
Sohil
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.941 ng

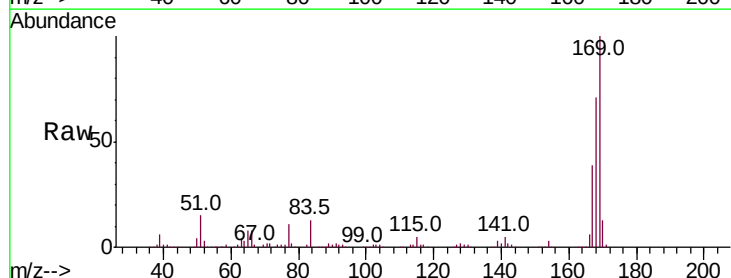
RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

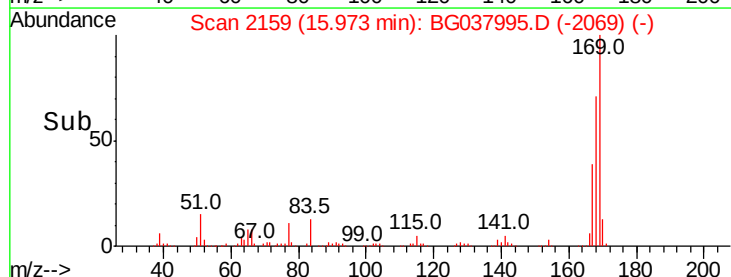
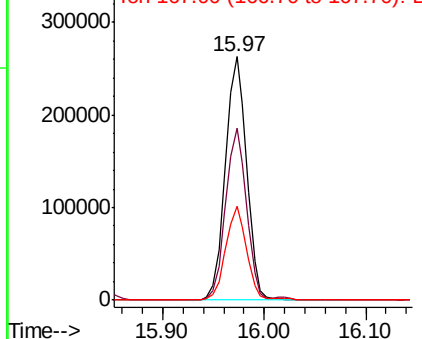
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	381738		
168	70.8		55.7	83.5
167	38.5		31.3	46.9

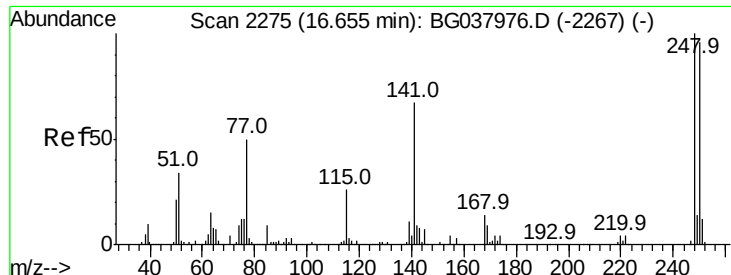


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





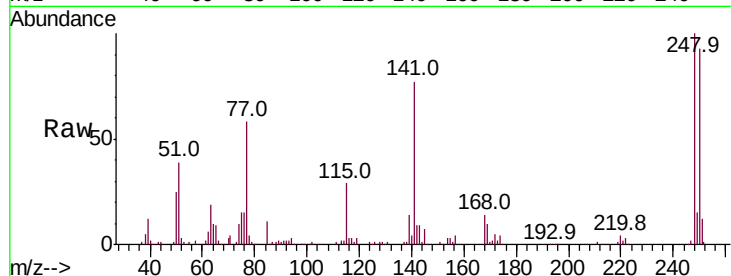
#67
4-Bromophenyl-phenylether
Concen: 40.534 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.2	77.0	115.6
141	76.7	55.5	83.3

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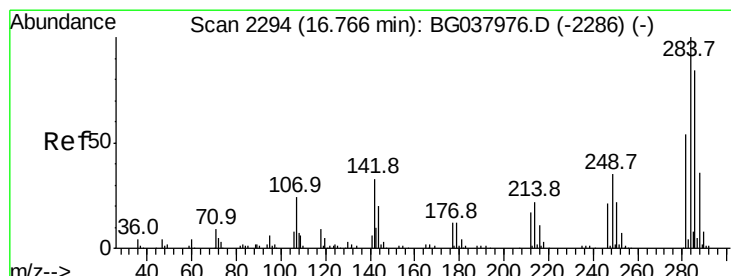
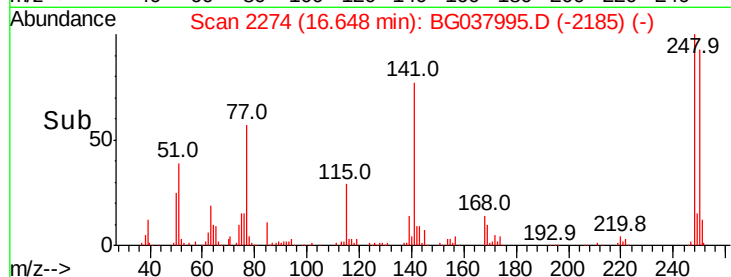
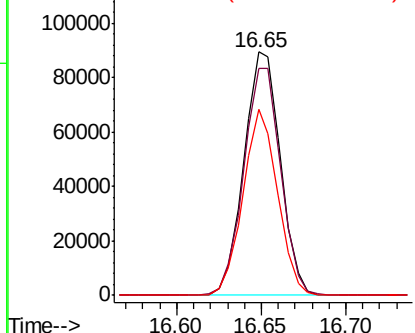


Abundance

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: 40.499 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

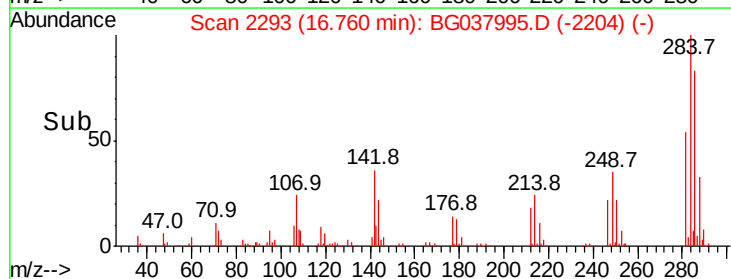
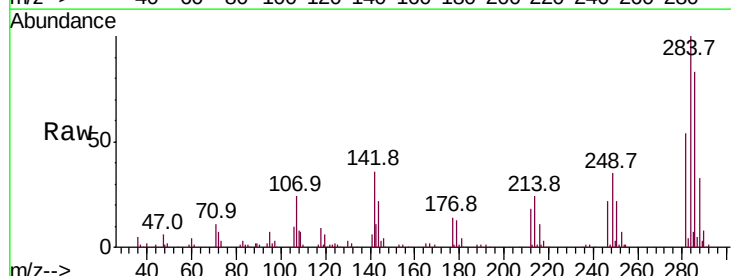
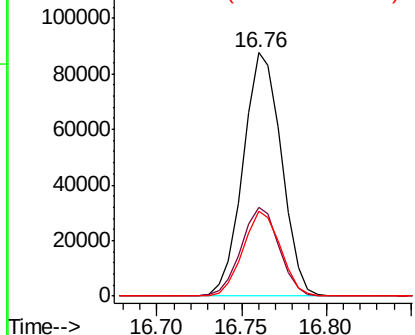
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.1	42.1
249	37.3	29.8	44.8

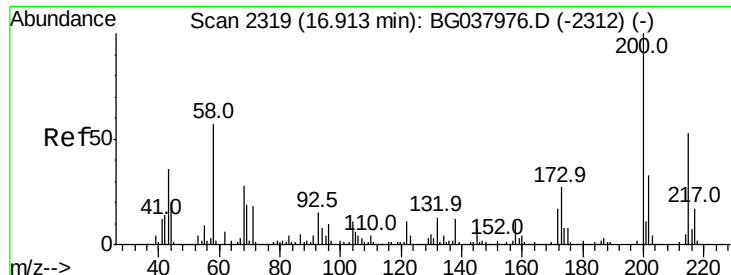
Abundance

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





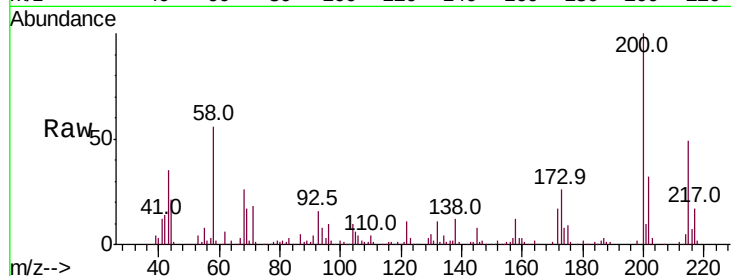
#69
Atrazine
Concen: 42.724 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

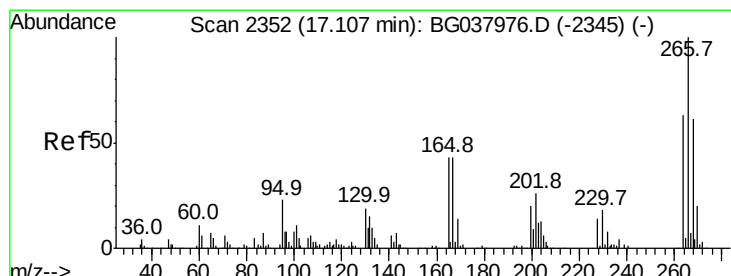
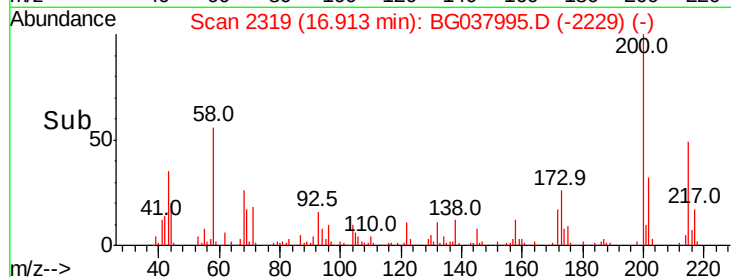
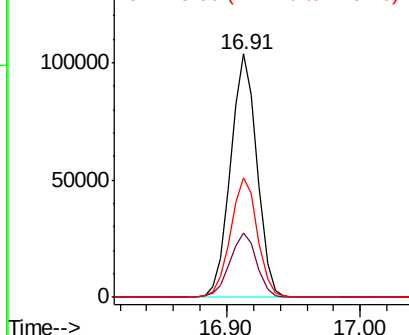
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	6.1	46.1
215	49.0	30.8	70.8

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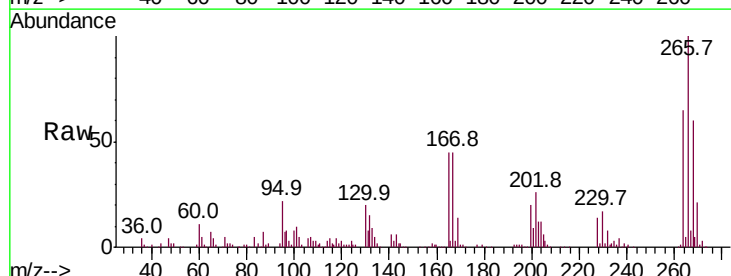


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

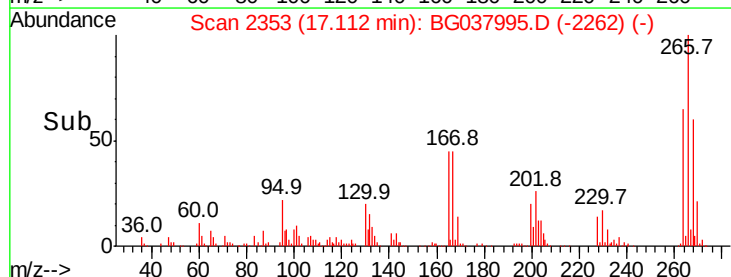
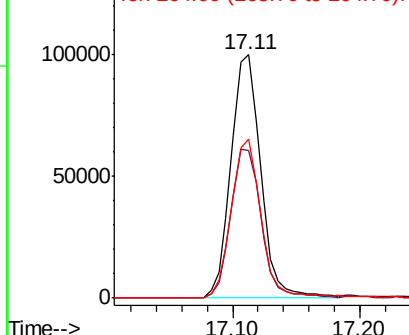


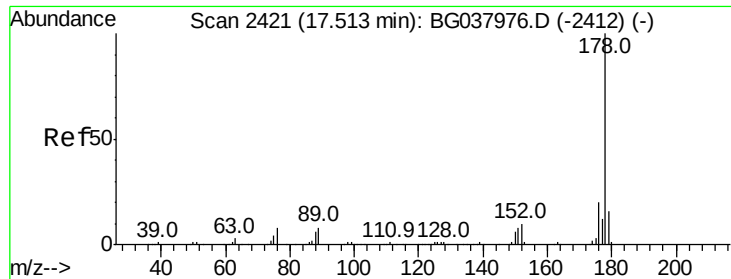
#70
Pentachlorophenol
Concen: 70.473 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.1	55.0	82.6
264	70.4	58.9	88.3



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





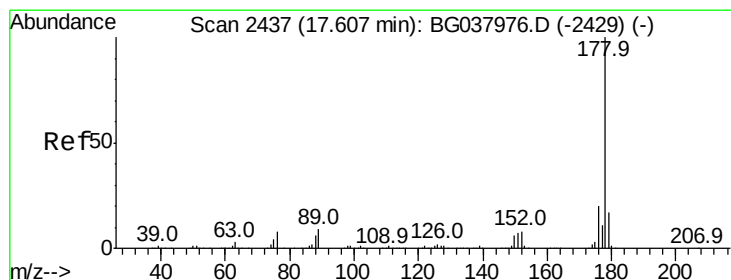
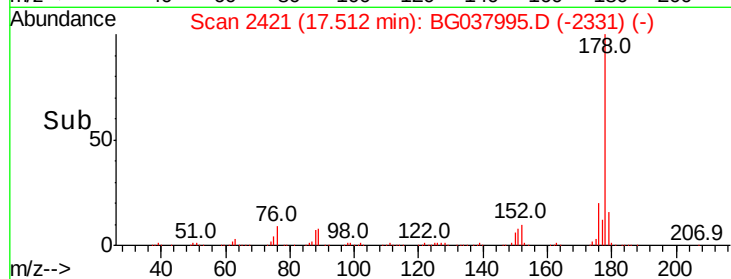
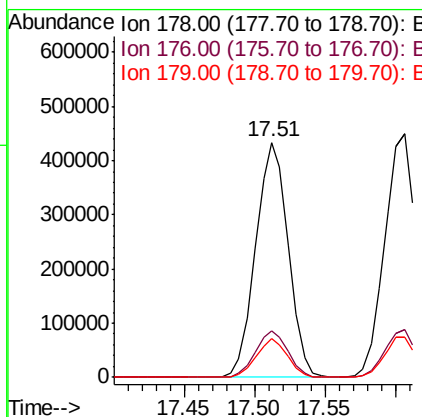
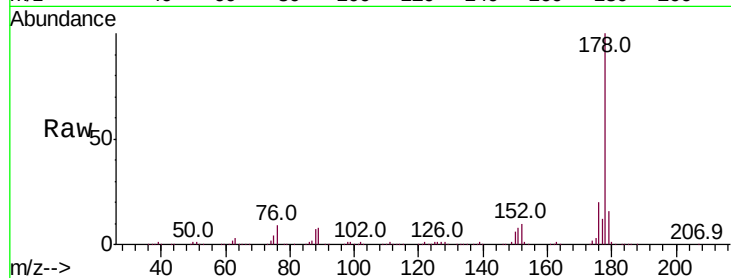
#71
 Phenanthrene
 Concen: 45.529 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.5	13.0	19.4

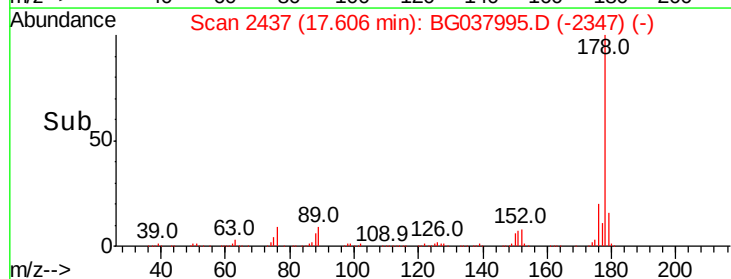
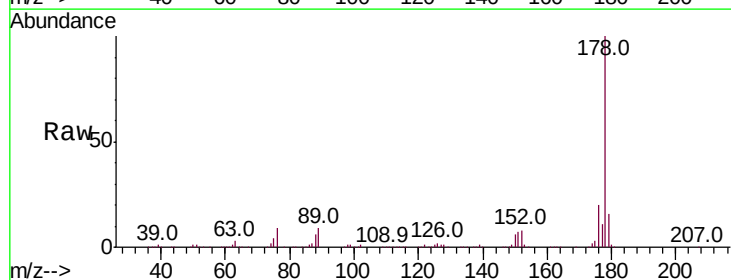
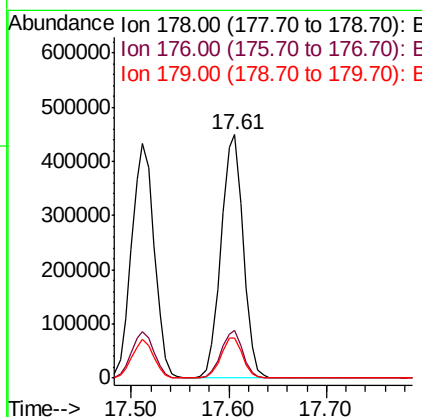
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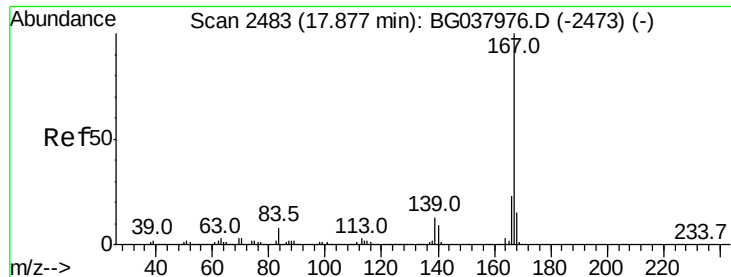
Sohil
 11/14/2018 2:24:19 PM



#72
 Anthracene
 Concen: 46.441 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	16.5	12.8	19.2





#73

Carbazole

Concen: 43.373 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

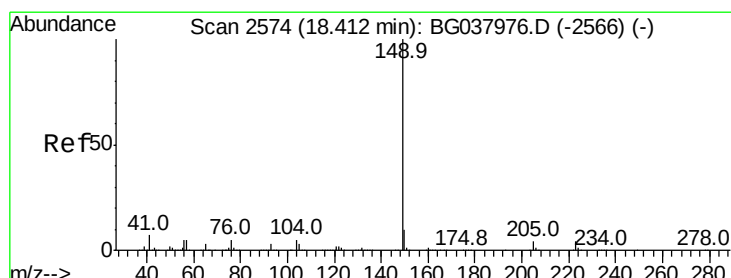
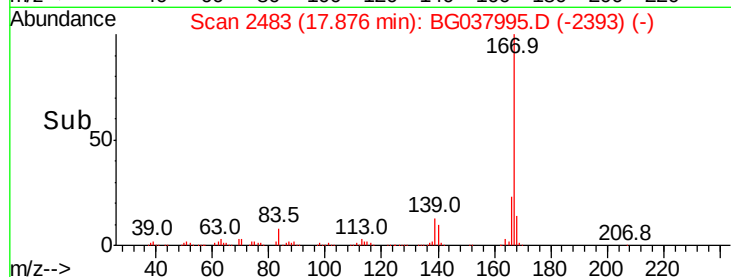
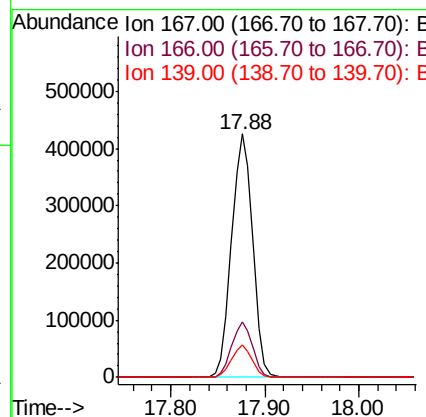
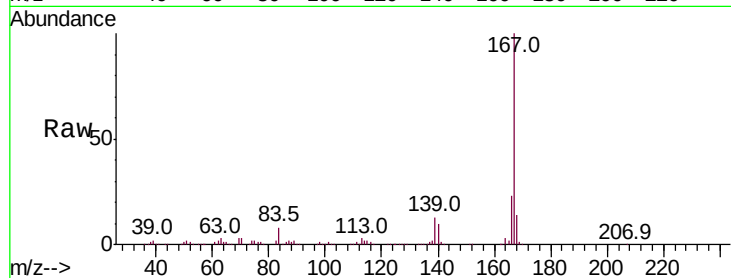
ClientSampleId :

PB114774BS

Tot Ion:	167	Resp:	660751
Ion Ratio	Lower	Upper	
167	100		
166	22.6	18.3	27.5
139	13.2	10.5	15.7

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#74

Di-n-butylphthalate

Concen: 45.069 ng

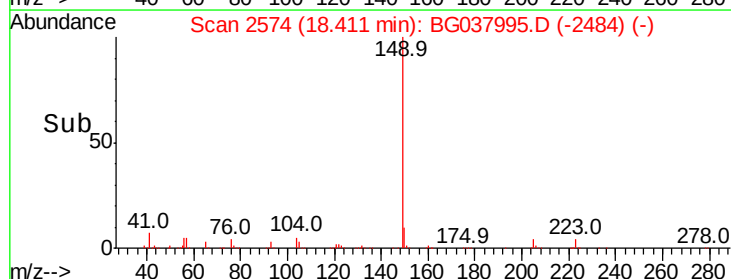
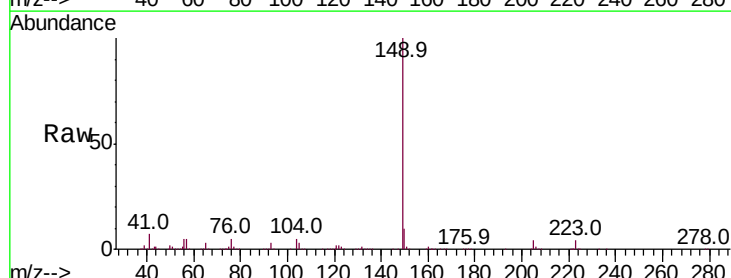
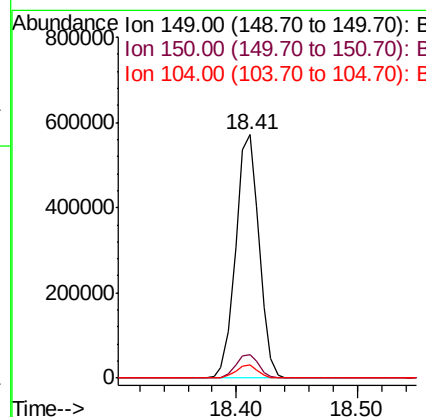
RT: 18.41 min Scan# 2574

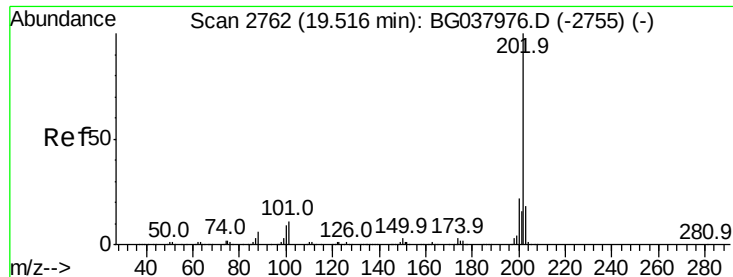
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	149	Resp:	770719
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 47.257 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

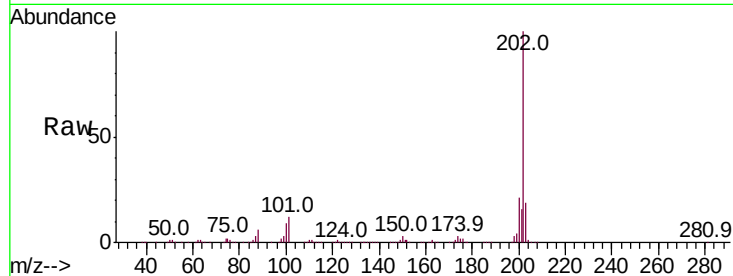
ClientSampleId :

PB114774BS

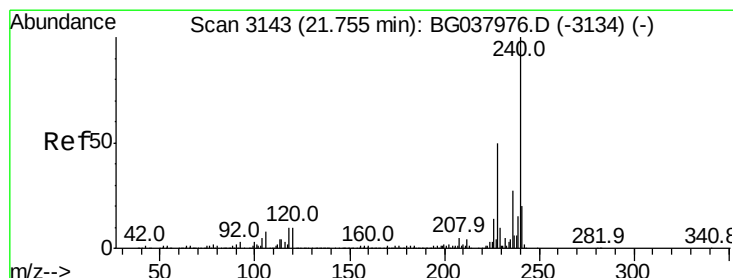
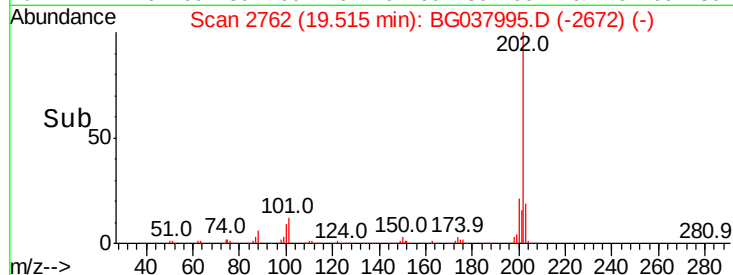
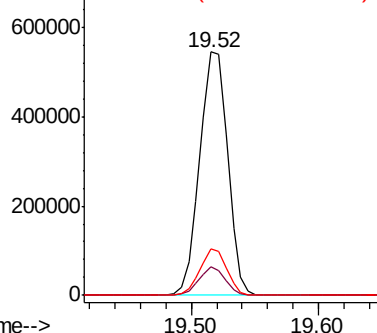
Tot Ion:	202	Resp:	830517
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.7
203	19.0	0.0	38.5

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



#76

Chrysene-d12

Concen: 20.000 ng

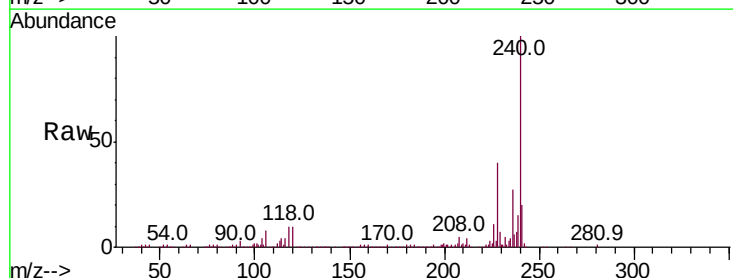
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

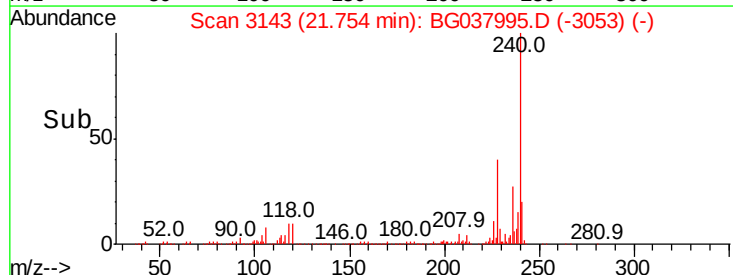
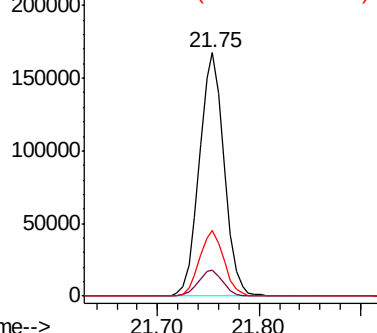
Lab File: BG037995.D

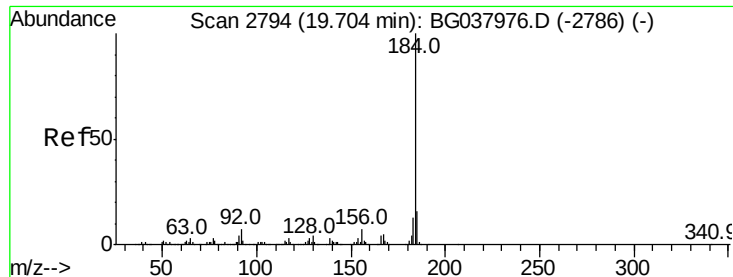
Acq: 14 Nov 2018 2:31

Tgt Ion:	240	Resp:	282739
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.1	12.1
236	27.0	21.4	32.0



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





#77

Benzidine

Concen: 27.014 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

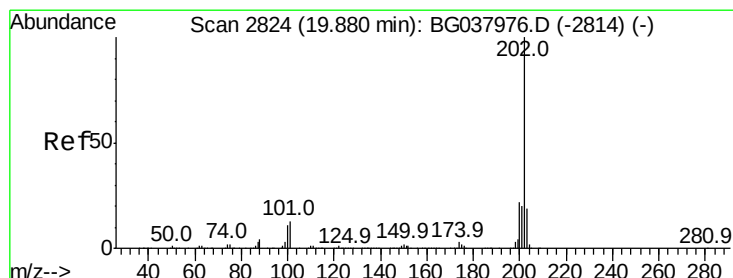
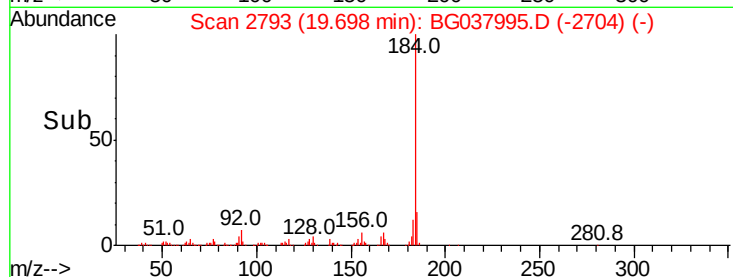
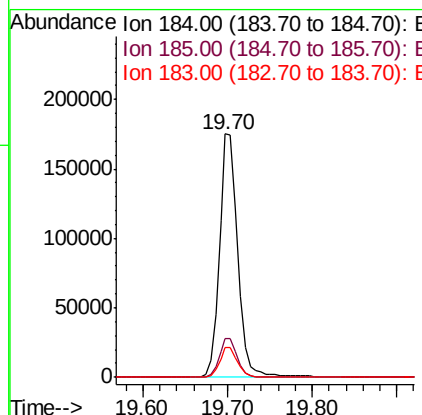
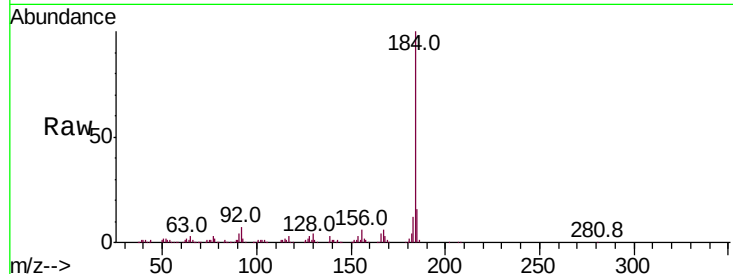
ClientSampleId :

PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	268013		
185	15.9	12.6	18.8	
183	12.1	10.2	15.2	

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#78

Pyrene

Concen: 45.543 ng

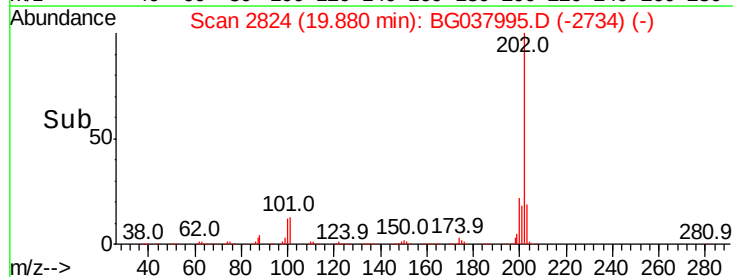
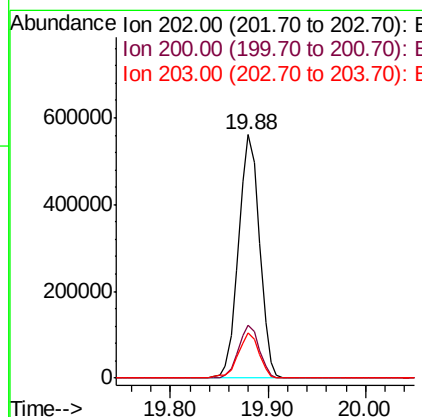
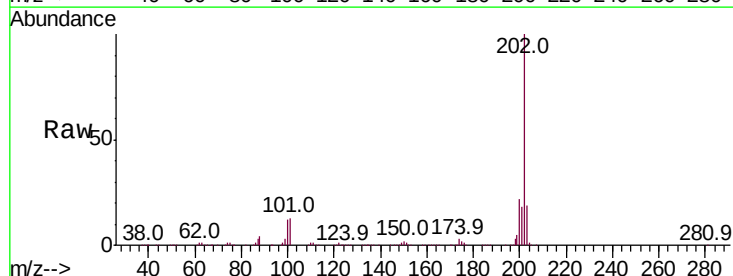
RT: 19.88 min Scan# 2824

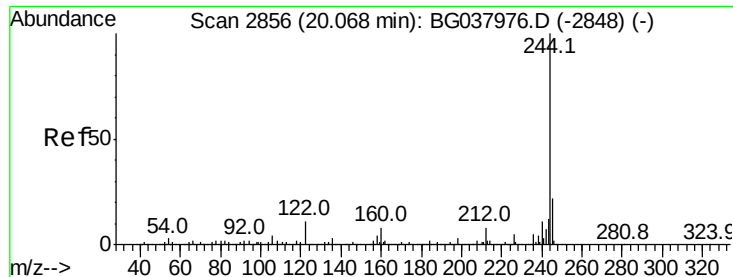
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	841891		
200	21.8	17.8	26.6	
203	18.6	15.2	22.8	





#79

Terphenyl-d14

Concen: 86.608 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

Tot Ion:244 Resp: 1040692

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

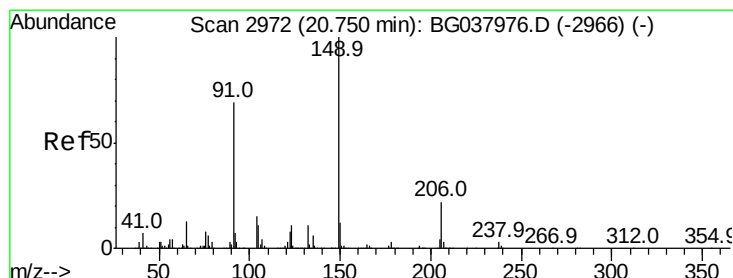
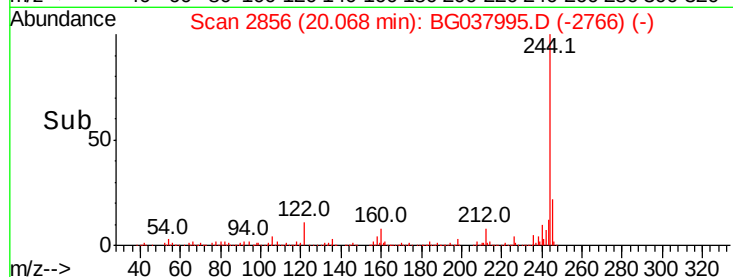
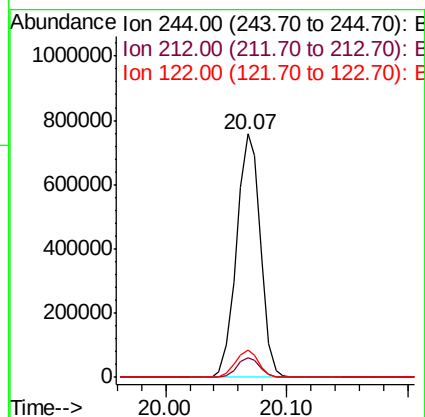
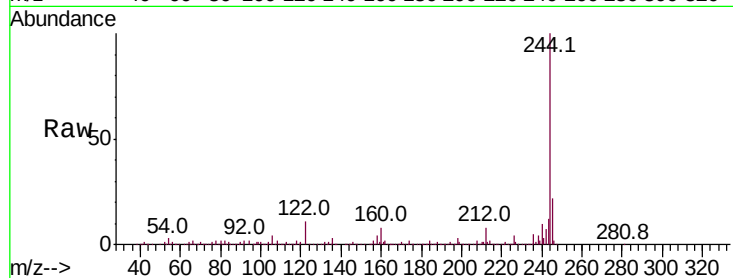
122 11.5 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 44.616 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

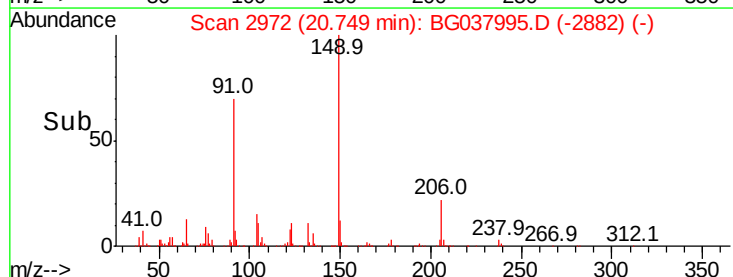
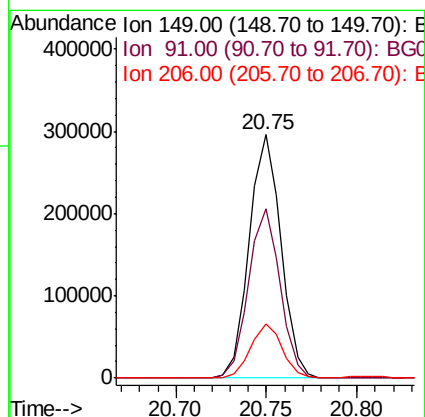
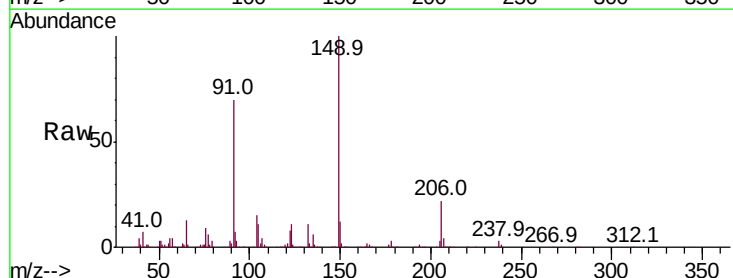
Tgt Ion:149 Resp: 360678

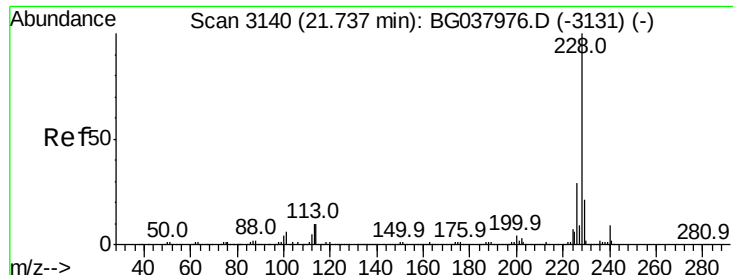
Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

206 22.2 17.8 26.6





#81

Benzo(a)anthracene

Concen: 46.455 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

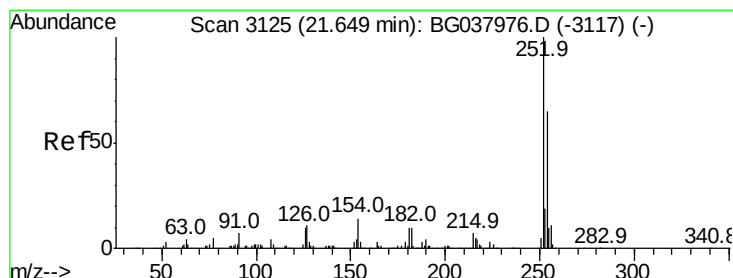
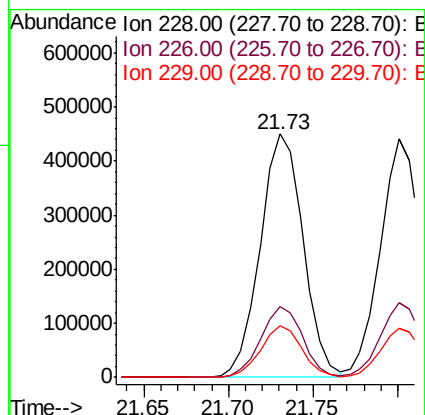
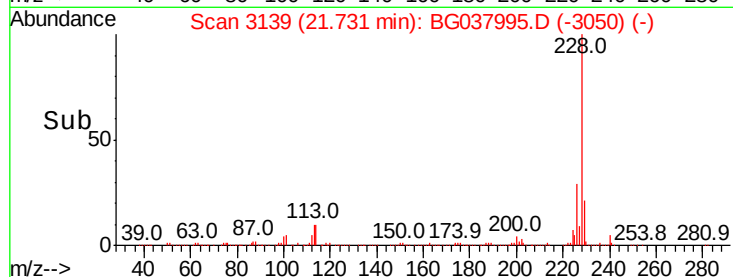
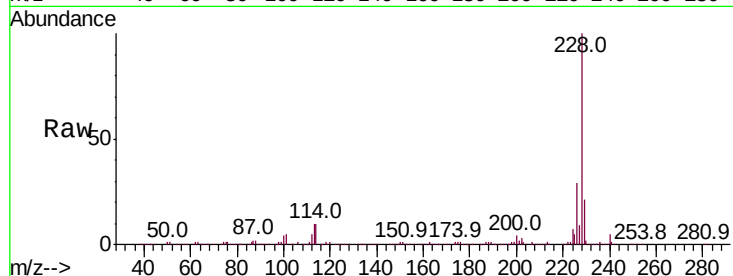
ClientSampleId :

PB114774BS

Tot Ion:	228	Resp:	793741
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	33.8
229	21.0	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 18.781 ng

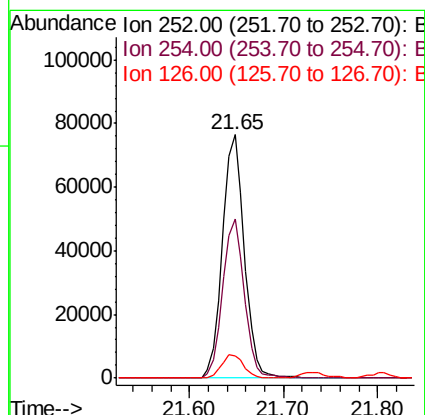
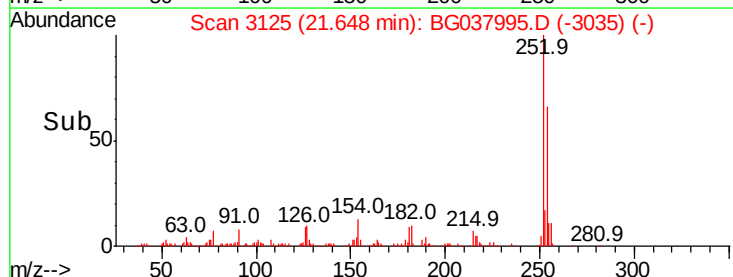
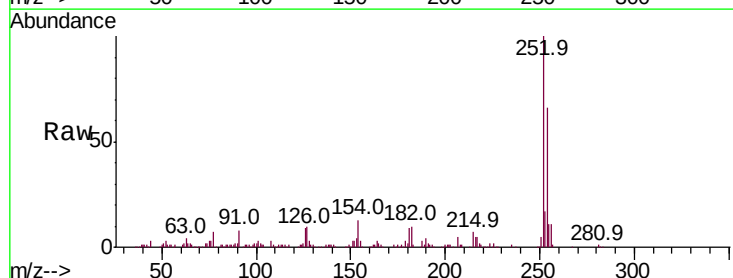
RT: 21.65 min Scan# 3125

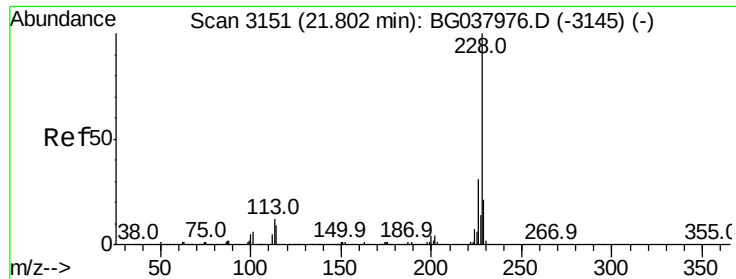
Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:	252	Resp:	124998
Ion Ratio	Lower	Upper	
252	100		
254	65.5	52.0	78.0
126	9.3	8.2	12.4





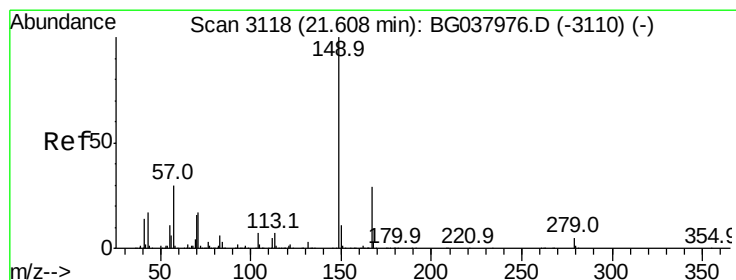
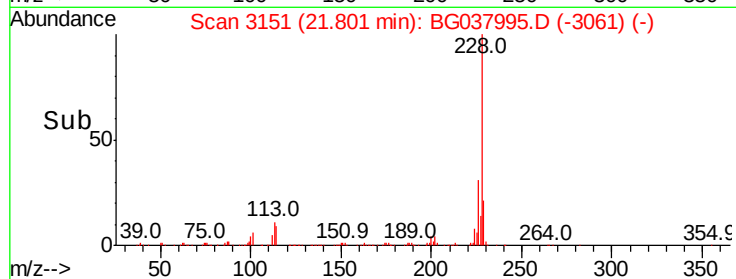
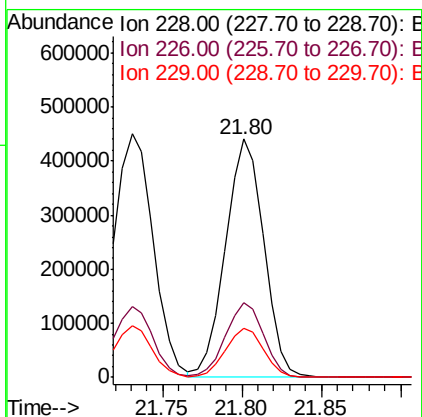
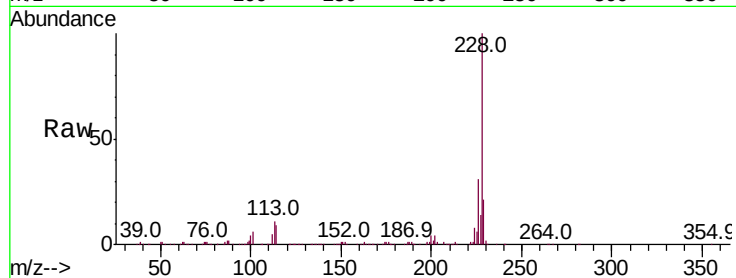
#83
Chrysene
Concen: 45.042 ng
RT: 21.80 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.9	16.5	24.7

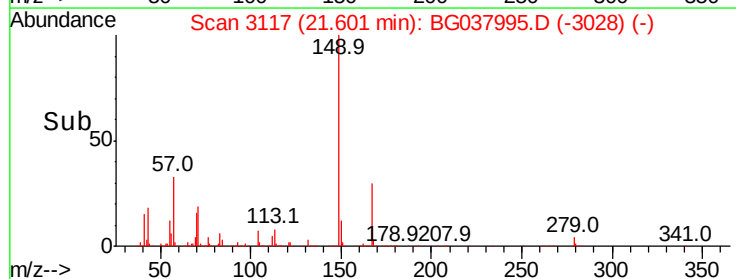
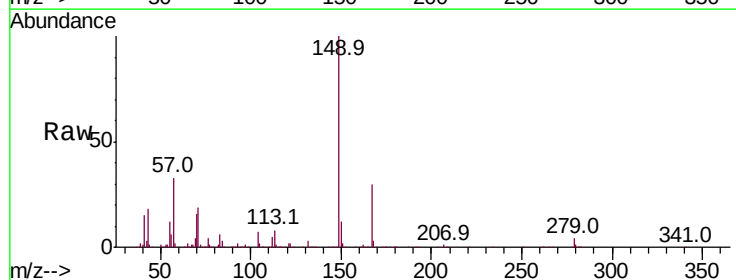
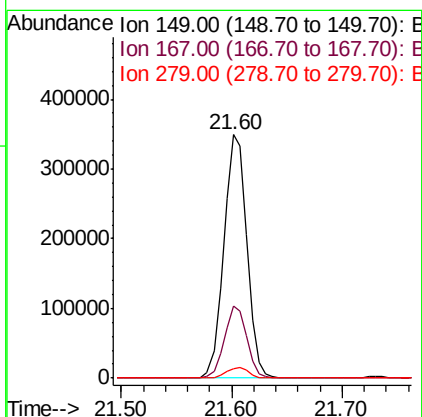
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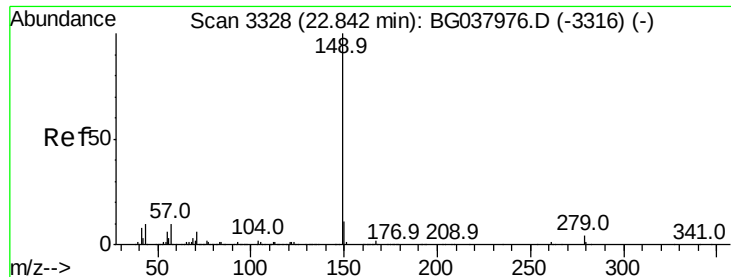
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.054 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	4.0	3.6	5.4





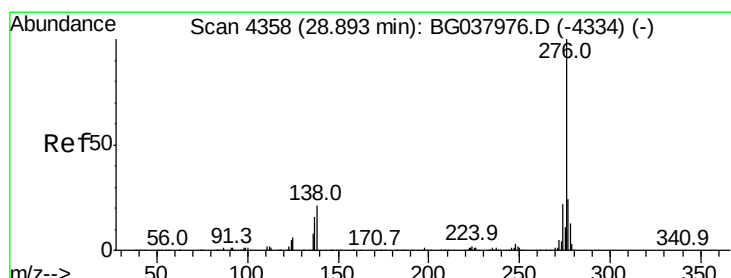
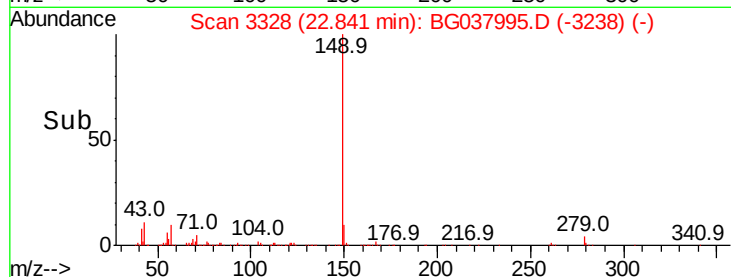
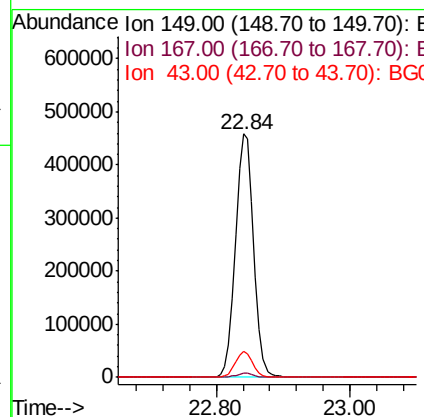
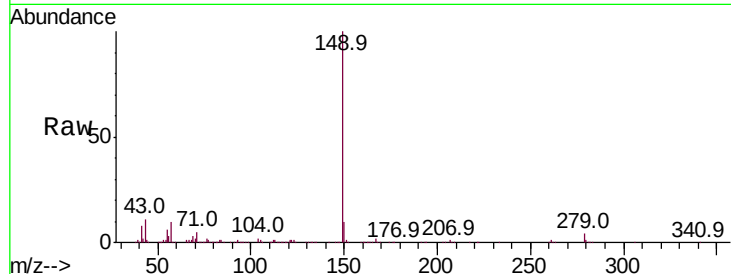
#85
Di-n-octyl phthalate
Concen: 46.956 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	875788		
167	1.6		1.3	1.9
43	10.2		8.7	13.1

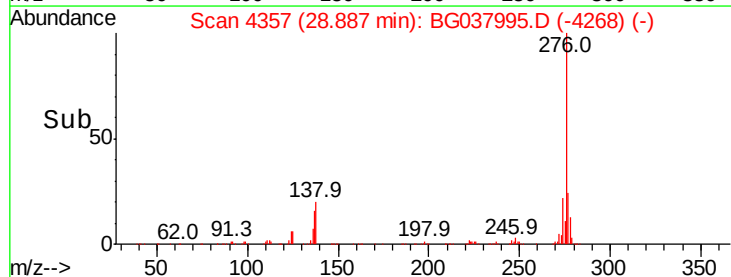
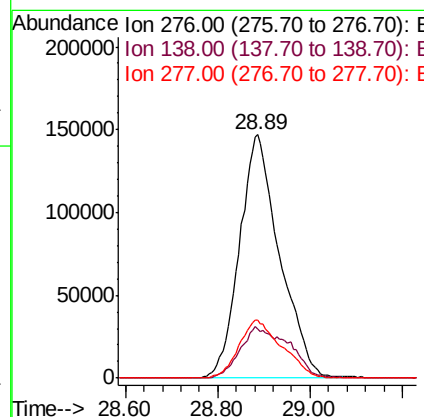
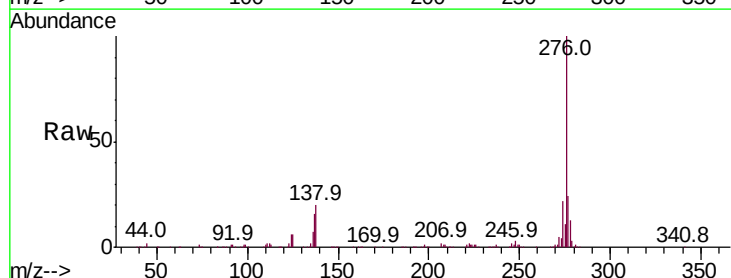
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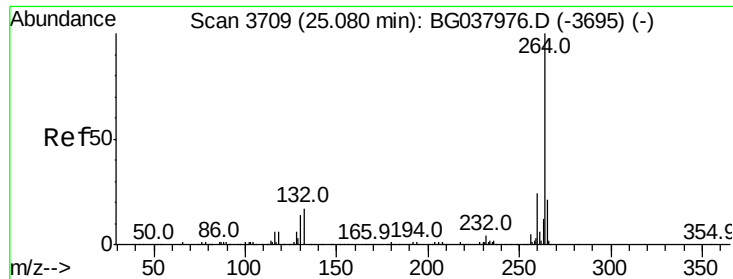
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.874 ng
RT: 28.89 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	887388		
138	16.3		12.0	18.0
277	25.6		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

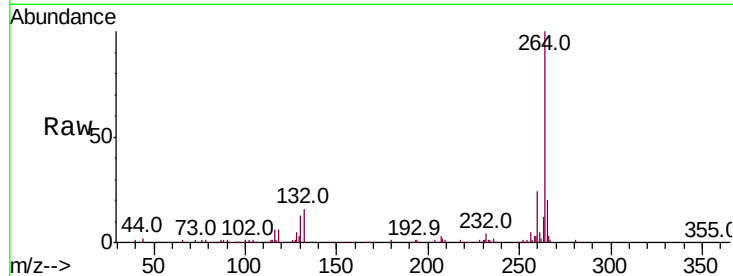
ClientSampleId :

PB114774BS

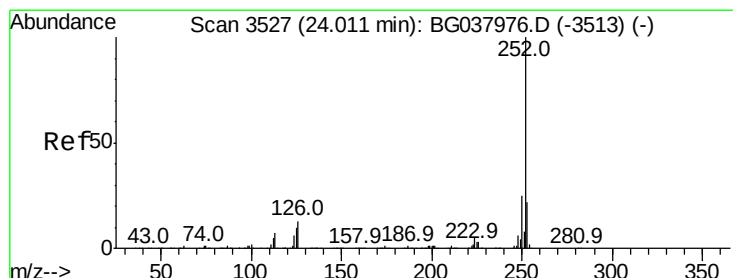
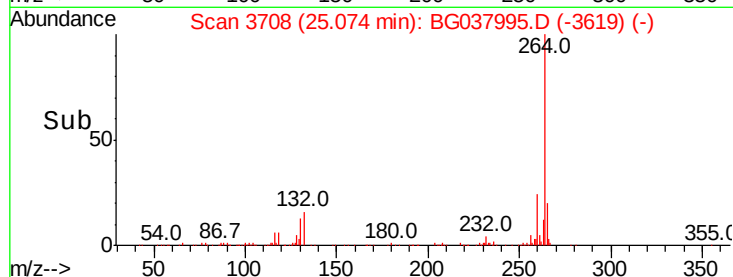
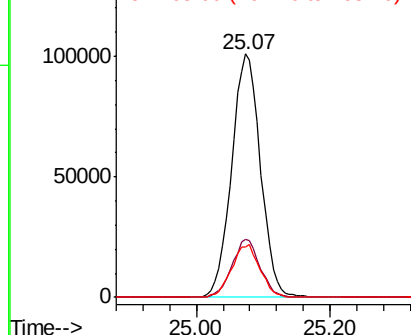
Tot Ion:	264	Resp:	304588
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	20.5	17.9	26.9

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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: 46.466 ng

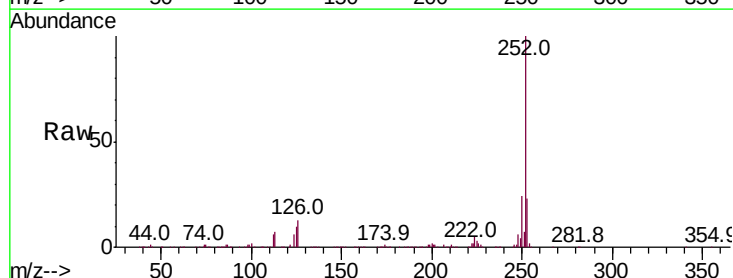
RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

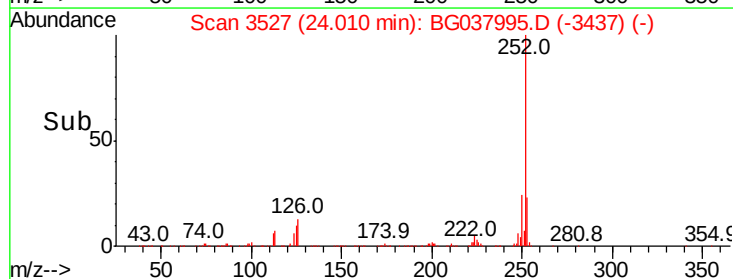
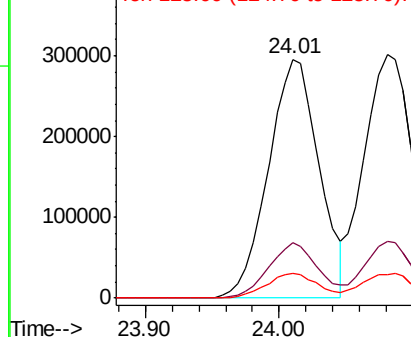
Lab File: BG037995.D

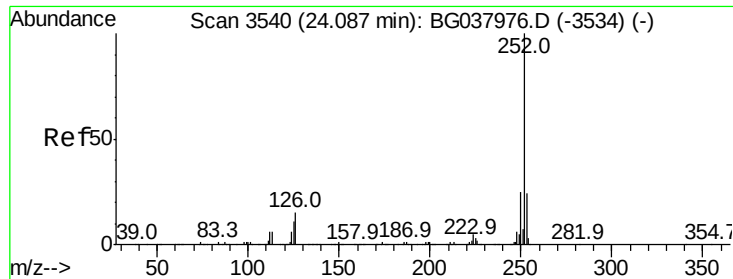
Acq: 14 Nov 2018 2:31

Tgt Ion:	252	Resp:	778851
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.2
125	10.4	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





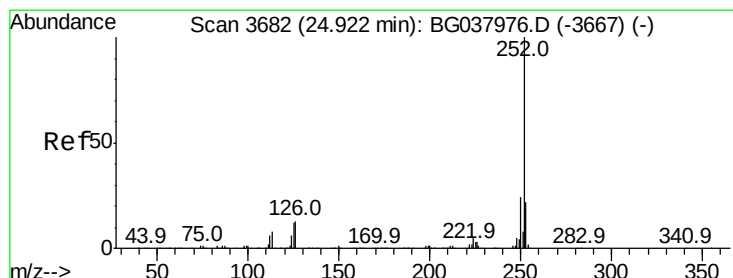
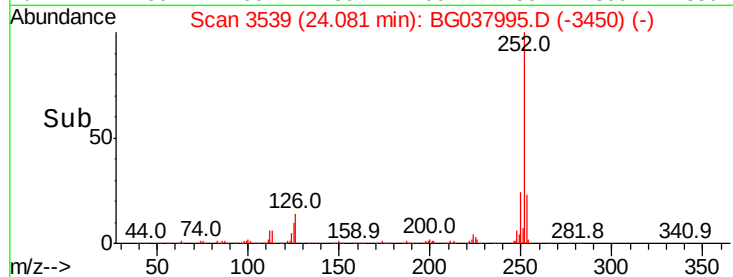
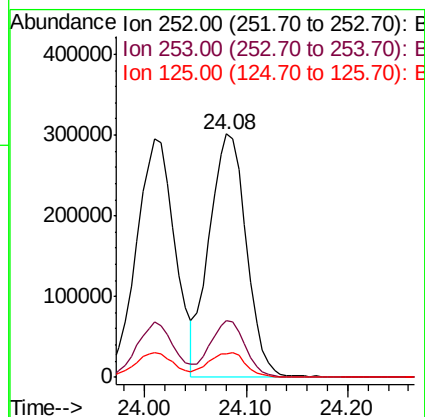
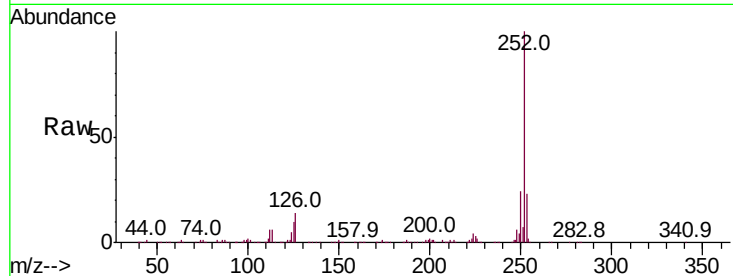
#89
Benzo(k)fluoranthene
Concen: 46.017 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	9.9	7.4	11.0

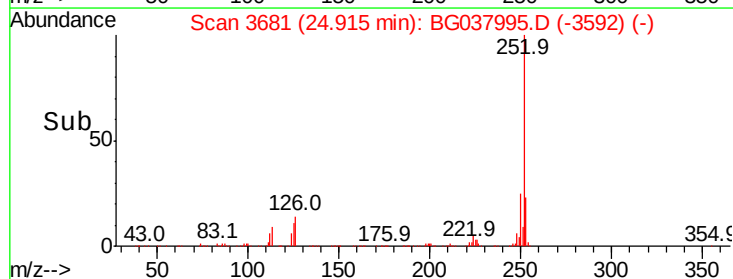
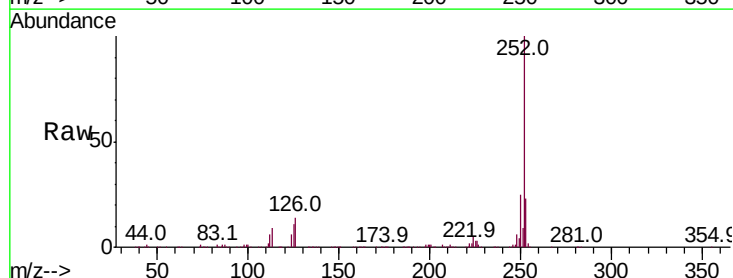
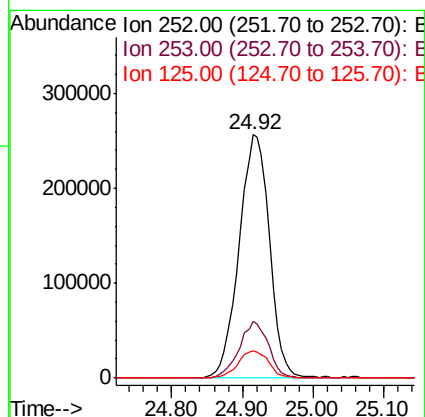
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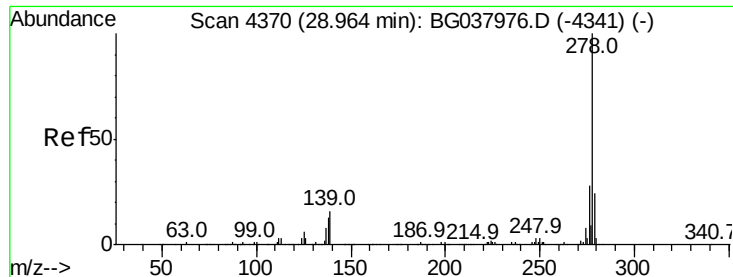
Sohil
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#90
Benzo(a)pyrene
Concen: 47.889 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.2	9.0	13.6





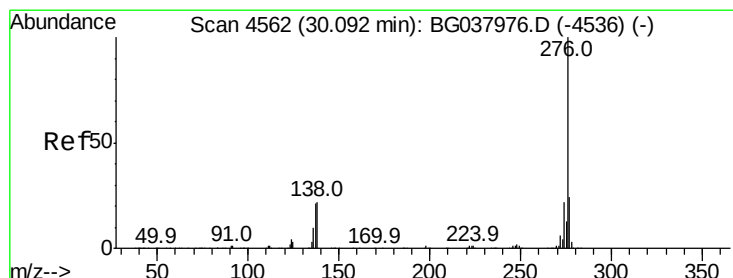
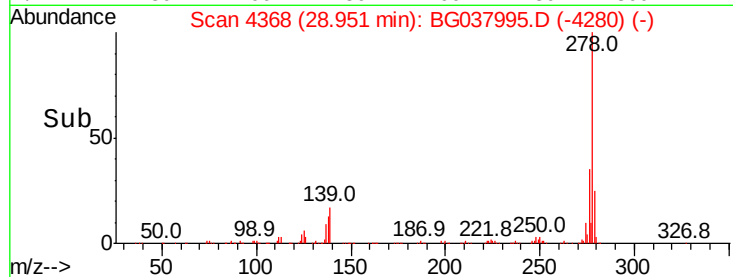
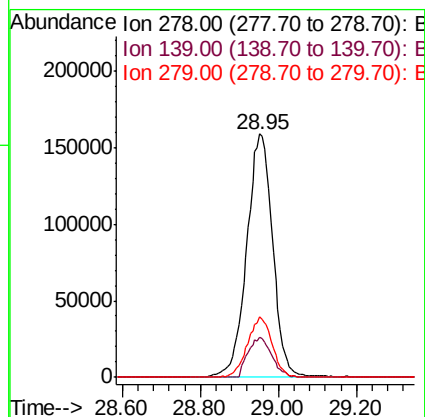
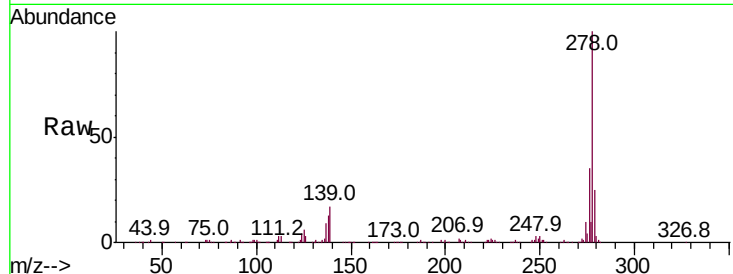
#91
Dibenzo(a,h)anthracene
Concen: 47.732 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.5	17.3
279	24.8	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 47.759 ng
RT: 30.09 min Scan# 4561
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	21.2	17.2	25.8

